# APPENDIX I

# NOISE MODELING RESULTS

# NOISE MONITORING RESULTS

## (OCTOBER 15, 2020)

# Session Report
**10/20/2020**

## Information Panel

| | |
|---|---|
| Name | S263 |
| Start Time | 10/15/2020 7:09:39 AM |
| Stop Time | 10/15/2020 7:19:39 AM |
| Device Name | BJH100030 |
| Model Type | SoundPro DL |
| Device Firmware Rev | R.13H |
| Comments | |

## Summary Data Panel

| Description | Meter | Value | Description | Meter | Value |
|---|---|---|---|---|---|
| Leq | 1 | 64.3 dB | L1 | 1 | 73.8 dB |
| L10 | 1 | 68.7 dB | L50 | 1 | 59.4 dB |
| L90 | 1 | 50.9 dB | Lmax | 1 | 77.1 dB |
| Lmin | 1 | 47.8 dB | Lpk | 1 | 91.5 dB |
| Exchange Rate | 1 | 3 dB | Weighting | 1 | A |
| Log Rate | 1 | 1 s | | | |
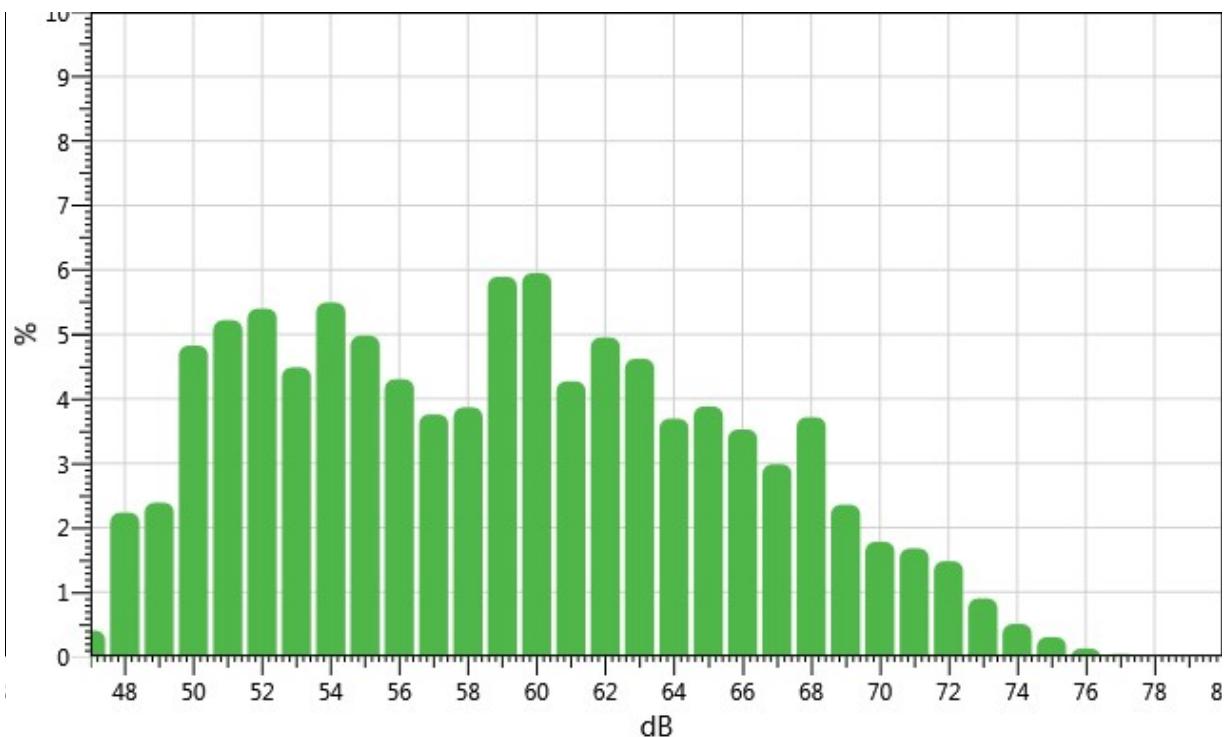
## Statistics Table

| dB: | 0.0 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | % |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 47: | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.05 | 0.35 | 0.40 |
| 48: | 0.38 | 0.59 | 0.25 | 0.12 | 0.13 | 0.13 | 0.18 | 0.18 | 0.11 | 0.18 | 2.23 |
| 49: | 0.31 | 0.24 | 0.20 | 0.18 | 0.17 | 0.00 | 0.26 | 0.29 | 0.40 | 0.33 | 2.39 |
| 50: | 0.45 | 0.32 | 0.48 | 0.65 | 0.68 | 0.35 | 0.30 | 0.42 | 0.66 | 0.53 | 4.83 |
| 51: | 0.52 | 0.41 | 0.47 | 0.47 | 0.44 | 0.44 | 0.64 | 0.75 | 0.63 | 0.45 | 5.22 |
| 52: | 0.60 | 0.68 | 0.63 | 0.67 | 0.46 | 0.40 | 0.41 | 0.57 | 0.49 | 0.48 | 5.40 |
| 53: | 0.47 | 0.40 | 0.34 | 0.29 | 0.41 | 0.53 | 0.61 | 0.47 | 0.49 | 0.47 | 4.49 |
| 54: | 0.48 | 0.50 | 0.55 | 0.75 | 0.52 | 0.69 | 0.47 | 0.52 | 0.52 | 0.49 | 5.49 |
| 55: | 0.42 | 0.68 | 0.57 | 0.55 | 0.60 | 0.43 | 0.39 | 0.45 | 0.43 | 0.46 | 4.98 |
| 56: | 0.45 | 0.35 | 0.34 | 0.34 | 0.44 | 0.60 | 0.51 | 0.42 | 0.44 | 0.41 | 4.30 |
| 57: | 0.38 | 0.43 | 0.23 | 0.35 | 0.38 | 0.46 | 0.36 | 0.33 | 0.36 | 0.47 | 3.76 |
| 58: | 0.42 | 0.41 | 0.48 | 0.35 | 0.36 | 0.38 | 0.34 | 0.31 | 0.40 | 0.43 | 3.87 |
| 59: | 0.38 | 0.41 | 0.49 | 0.60 | 0.76 | 0.63 | 0.53 | 0.72 | 0.71 | 0.65 | 5.89 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 60: | 0.72 | 0.62 | 0.48 | 0.73 | 0.57 | 0.51 | 0.60 | 0.55 | 0.59 | 0.57 | 5.95 |
| 61: | 0.48 | 0.57 | 0.49 | 0.40 | 0.44 | 0.40 | 0.36 | 0.36 | 0.37 | 0.41 | 4.27 |
| 62: | 0.46 | 0.48 | 0.45 | 0.46 | 0.55 | 0.58 | 0.54 | 0.51 | 0.47 | 0.45 | 4.95 |
| 63: | 0.63 | 0.66 | 0.35 | 0.46 | 0.45 | 0.38 | 0.42 | 0.45 | 0.41 | 0.42 | 4.62 |
| 64: | 0.35 | 0.34 | 0.36 | 0.32 | 0.33 | 0.42 | 0.38 | 0.36 | 0.42 | 0.40 | 3.69 |
| 65: | 0.37 | 0.35 | 0.43 | 0.44 | 0.38 | 0.40 | 0.42 | 0.35 | 0.36 | 0.38 | 3.88 |
| 66: | 0.35 | 0.35 | 0.24 | 0.37 | 0.34 | 0.34 | 0.37 | 0.39 | 0.38 | 0.39 | 3.52 |
| 67: | 0.32 | 0.28 | 0.29 | 0.28 | 0.32 | 0.26 | 0.31 | 0.26 | 0.32 | 0.34 | 2.98 |
| 68: | 0.35 | 0.33 | 0.34 | 0.36 | 0.38 | 0.30 | 0.36 | 0.45 | 0.43 | 0.42 | 3.71 |
| 69: | 0.47 | 0.37 | 0.21 | 0.28 | 0.19 | 0.18 | 0.17 | 0.18 | 0.18 | 0.11 | 2.36 |
| 70: | 0.19 | 0.17 | 0.17 | 0.14 | 0.14 | 0.17 | 0.17 | 0.20 | 0.24 | 0.20 | 1.78 |
| 71: | 0.25 | 0.17 | 0.20 | 0.13 | 0.12 | 0.16 | 0.15 | 0.16 | 0.16 | 0.18 | 1.68 |
| 72: | 0.17 | 0.21 | 0.13 | 0.17 | 0.28 | 0.12 | 0.10 | 0.10 | 0.09 | 0.11 | 1.48 |
| 73: | 0.12 | 0.08 | 0.10 | 0.09 | 0.13 | 0.05 | 0.07 | 0.13 | 0.07 | 0.07 | 0.90 |
| 74: | 0.06 | 0.07 | 0.04 | 0.05 | 0.05 | 0.07 | 0.03 | 0.03 | 0.05 | 0.06 | 0.51 |
| 75: | 0.13 | 0.06 | 0.02 | 0.02 | 0.02 | 0.01 | 0.02 | 0.01 | 0.02 | 0.02 | 0.30 |
| 76: | 0.02 | 0.03 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.13 |
| 77: | 0.02 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 |

## Statistics Chart

S263: Statistics Chart
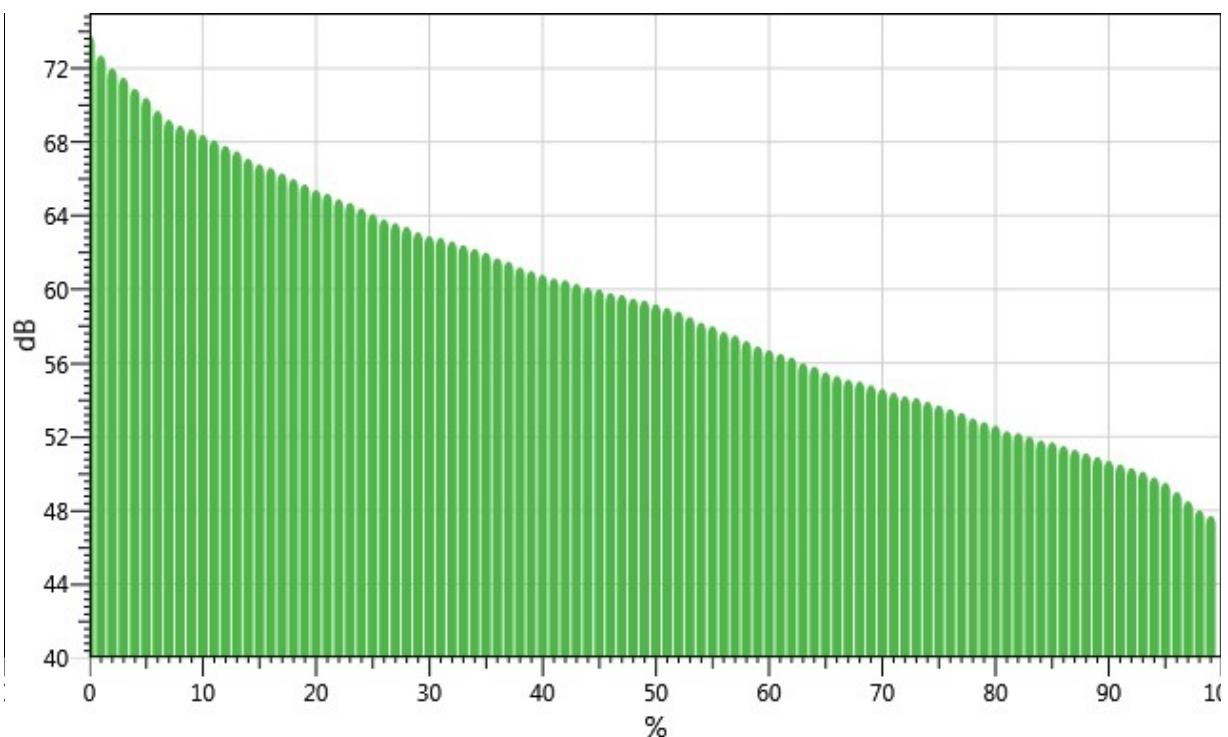
# Exceedance Table

| . | 0% | 1% | 2% | 3% | 4% | 5% | 6% | %7 | %8 | %9 |
|---|---|---|---|---|---|---|---|---|---|---|
| 0%: | | 73.8 | 72.7 | 72.0 | 71.5 | 70.9 | 70.4 | 69.7 | 69.2 | 68.9 |
| 10%: | 68.7 | 68.4 | 68.1 | 67.8 | 67.5 | 67.1 | 66.8 | 66.6 | 66.3 | 66.0 |
| 20%: | 65.7 | 65.4 | 65.2 | 64.9 | 64.7 | 64.4 | 64.1 | 63.8 | 63.6 | 63.4 |
| 30%: | 63.1 | 62.9 | 62.8 | 62.6 | 62.4 | 62.2 | 62.0 | 61.7 | 61.5 | 61.2 |
| 40%: | 61.0 | 60.8 | 60.6 | 60.5 | 60.3 | 60.1 | 60.0 | 59.8 | 59.7 | 59.5 |
| 50%: | 59.4 | 59.2 | 59.0 | 58.8 | 58.5 | 58.2 | 58.0 | 57.7 | 57.5 | 57.2 |
| 60%: | 56.9 | 56.7 | 56.5 | 56.3 | 56.0 | 55.8 | 55.5 | 55.3 | 55.1 | 55.0 |
| 70%: | 54.8 | 54.6 | 54.4 | 54.2 | 54.1 | 53.9 | 53.7 | 53.5 | 53.3 | 53.0 |
| 80%: | 52.8 | 52.6 | 52.3 | 52.2 | 52.0 | 51.8 | 51.7 | 51.5 | 51.3 | 51.1 |
| 90%: | 50.9 | 50.7 | 50.5 | 50.3 | 50.1 | 49.8 | 49.5 | 49.0 | 48.5 | 48.0 |
| 100%: | 47.7 | | | | | | | | | |
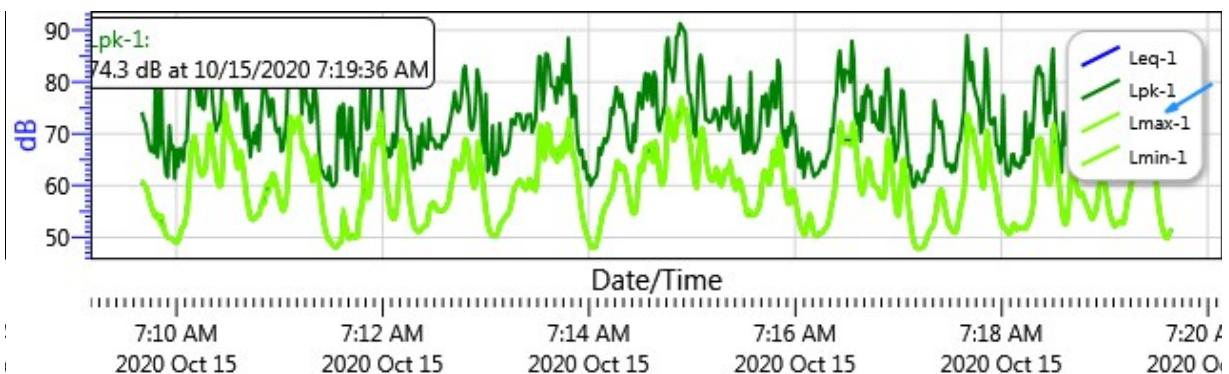
# Exceedance Chart

S263: Exceedance Chart

# Logged Data Chart

S263: Logged Data Chart                                    I-5

# Session Report

**10/20/2020**

## Information Panel

| | |
|---|---|
| Name | S273 |
| Start Time | 10/15/2020 4:26:22 PM |
| Stop Time | 10/15/2020 4:36:22 PM |
| Device Name | BJH100030 |
| Model Type | SoundPro DL |
| Device Firmware Rev | R.13H |
| Comments | |

## Summary Data Panel

| Description | Meter | Value | Description | Meter | Value |
|---|---|---|---|---|---|
| Leq | 1 | 68.8 dB | L1 | 1 | 78.3 dB |
| L10 | 1 | 72.6 dB | L50 | 1 | 63.2 dB |
| L90 | 1 | 54.4 dB | Lmax | 1 | 85.2 dB |
| Lmin | 1 | 49.8 dB | Lpk | 1 | 101 dB |
| Exchange Rate | 1 | 3 dB | Weighting | 1 | A |
| Log Rate | 1 | 1 s | | | |
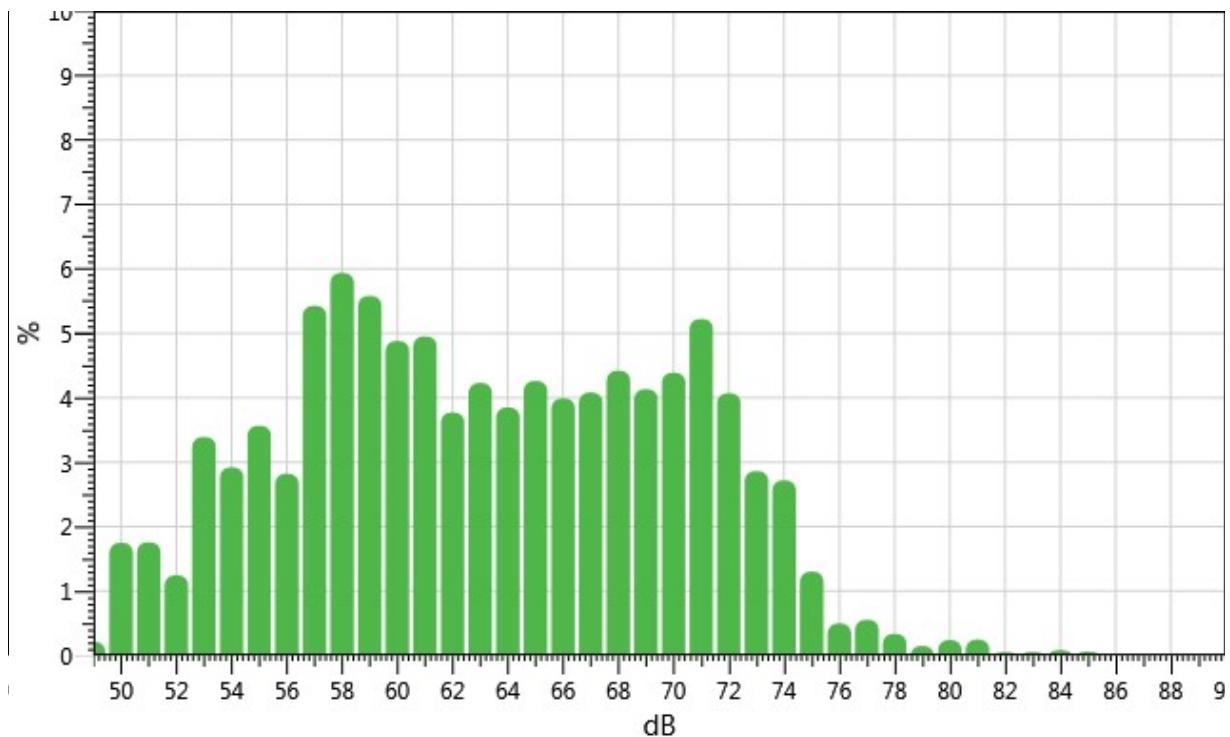
## Statistics Table

| dB: | 0.0 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | % |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 49: | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.14 | 0.21 |
| 50: | 0.20 | 0.13 | 0.24 | 0.28 | 0.22 | 0.20 | 0.10 | 0.09 | 0.16 | 0.12 | 1.75 |
| 51: | 0.12 | 0.11 | 0.14 | 0.32 | 0.47 | 0.33 | 0.08 | 0.06 | 0.05 | 0.07 | 1.76 |
| 52: | 0.09 | 0.08 | 0.05 | 0.06 | 0.17 | 0.20 | 0.11 | 0.16 | 0.11 | 0.21 | 1.24 |
| 53: | 0.22 | 0.34 | 0.28 | 0.32 | 0.33 | 0.35 | 0.37 | 0.54 | 0.35 | 0.30 | 3.39 |
| 54: | 0.36 | 0.29 | 0.28 | 0.29 | 0.18 | 0.25 | 0.23 | 0.28 | 0.39 | 0.36 | 2.92 |
| 55: | 0.28 | 0.40 | 0.35 | 0.34 | 0.46 | 0.38 | 0.32 | 0.36 | 0.33 | 0.34 | 3.57 |
| 56: | 0.35 | 0.26 | 0.23 | 0.31 | 0.26 | 0.26 | 0.26 | 0.26 | 0.32 | 0.33 | 2.82 |
| 57: | 0.44 | 0.66 | 0.41 | 0.53 | 0.53 | 0.46 | 0.62 | 0.63 | 0.52 | 0.64 | 5.43 |
| 58: | 0.81 | 0.93 | 0.63 | 0.57 | 0.57 | 0.52 | 0.54 | 0.41 | 0.44 | 0.52 | 5.94 |
| 59: | 0.55 | 0.52 | 0.47 | 0.53 | 0.42 | 0.51 | 0.67 | 0.56 | 0.68 | 0.67 | 5.58 |
| 60: | 0.66 | 0.61 | 0.32 | 0.50 | 0.51 | 0.47 | 0.55 | 0.44 | 0.36 | 0.46 | 4.88 |
| 61: | 0.44 | 0.61 | 0.52 | 0.52 | 0.47 | 0.48 | 0.49 | 0.52 | 0.45 | 0.48 | 4.95 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 62: | 0.42 | 0.43 | 0.45 | 0.42 | 0.40 | 0.32 | 0.34 | 0.33 | 0.34 | 0.33 | 3.77 |
| 63: | 0.44 | 0.52 | 0.33 | 0.60 | 0.45 | 0.43 | 0.39 | 0.37 | 0.37 | 0.33 | 4.23 |
| 64: | 0.38 | 0.32 | 0.39 | 0.39 | 0.38 | 0.39 | 0.45 | 0.45 | 0.35 | 0.36 | 3.85 |
| 65: | 0.38 | 0.37 | 0.39 | 0.42 | 0.37 | 0.50 | 0.45 | 0.49 | 0.47 | 0.43 | 4.26 |
| 66: | 0.50 | 0.46 | 0.27 | 0.41 | 0.39 | 0.41 | 0.38 | 0.37 | 0.38 | 0.41 | 3.99 |
| 67: | 0.38 | 0.41 | 0.48 | 0.48 | 0.35 | 0.38 | 0.40 | 0.44 | 0.36 | 0.39 | 4.08 |
| 68: | 0.38 | 0.42 | 0.41 | 0.46 | 0.50 | 0.51 | 0.44 | 0.43 | 0.44 | 0.43 | 4.42 |
| 69: | 0.42 | 0.50 | 0.33 | 0.41 | 0.39 | 0.43 | 0.39 | 0.38 | 0.40 | 0.48 | 4.13 |
| 70: | 0.40 | 0.45 | 0.42 | 0.40 | 0.38 | 0.42 | 0.45 | 0.42 | 0.53 | 0.52 | 4.39 |
| 71: | 0.53 | 0.50 | 0.52 | 0.59 | 0.58 | 0.49 | 0.53 | 0.48 | 0.50 | 0.50 | 5.22 |
| 72: | 0.45 | 0.43 | 0.32 | 0.45 | 0.55 | 0.43 | 0.38 | 0.37 | 0.34 | 0.34 | 4.07 |
| 73: | 0.27 | 0.24 | 0.23 | 0.28 | 0.24 | 0.30 | 0.31 | 0.35 | 0.32 | 0.31 | 2.86 |
| 74: | 0.34 | 0.32 | 0.34 | 0.36 | 0.37 | 0.27 | 0.20 | 0.21 | 0.17 | 0.15 | 2.72 |
| 75: | 0.16 | 0.19 | 0.13 | 0.17 | 0.17 | 0.15 | 0.11 | 0.05 | 0.10 | 0.06 | 1.30 |
| 76: | 0.07 | 0.04 | 0.03 | 0.04 | 0.03 | 0.05 | 0.03 | 0.05 | 0.09 | 0.06 | 0.50 |
| 77: | 0.05 | 0.06 | 0.10 | 0.09 | 0.07 | 0.04 | 0.03 | 0.04 | 0.04 | 0.04 | 0.55 |
| 78: | 0.04 | 0.05 | 0.04 | 0.06 | 0.03 | 0.04 | 0.02 | 0.02 | 0.02 | 0.02 | 0.34 |
| 79: | 0.02 | 0.01 | 0.02 | 0.02 | 0.02 | 0.01 | 0.01 | 0.02 | 0.02 | 0.01 | 0.15 |
| 80: | 0.02 | 0.02 | 0.03 | 0.03 | 0.05 | 0.04 | 0.01 | 0.01 | 0.01 | 0.03 | 0.24 |
| 81: | 0.03 | 0.05 | 0.09 | 0.05 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.25 |
| 82: | 0.01 | 0.01 | 0.01 | 0.00 | 0.01 | 0.01 | 0.01 | 0.00 | 0.01 | 0.01 | 0.05 |
| 83: | 0.01 | 0.01 | 0.01 | 0.00 | 0.01 | 0.01 | 0.00 | 0.01 | 0.01 | 0.01 | 0.05 |
| 84: | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 0.08 |
| 85: | 0.01 | 0.02 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.06 |

# Statistics Chart

S273: Statistics Chart
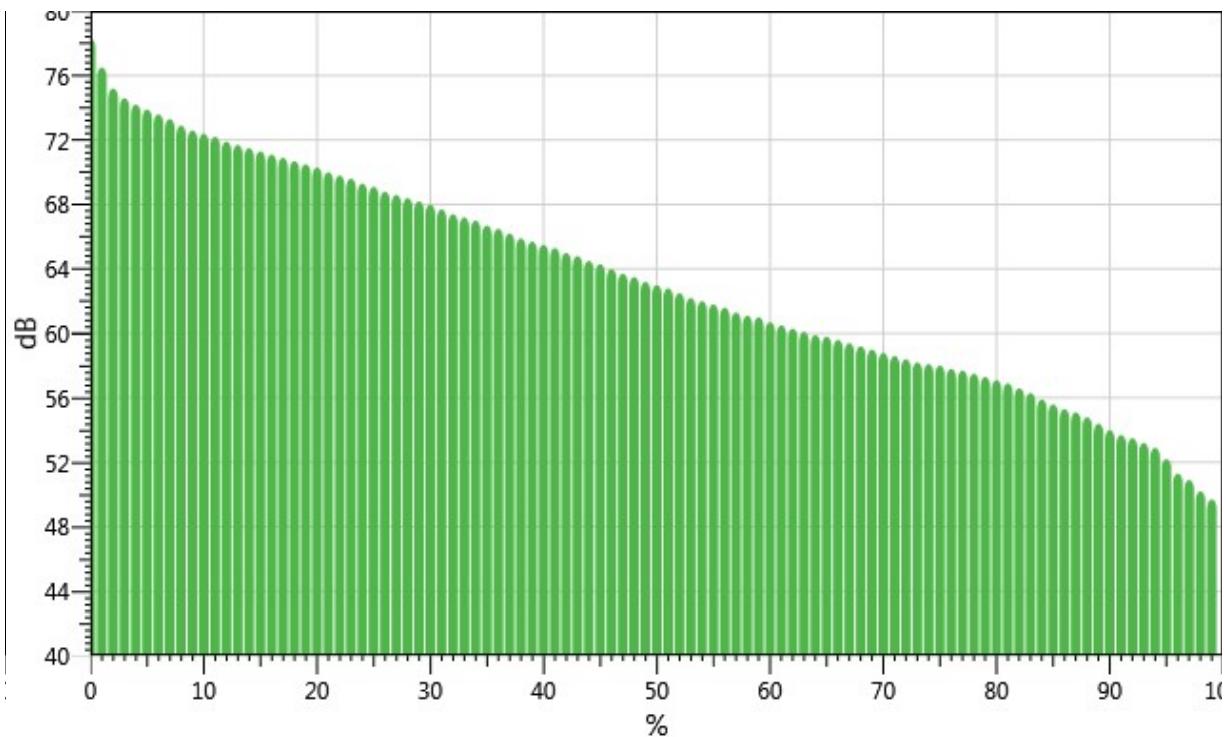


# Exceedance Table

| . | 0% | 1% | 2% | 3% | 4% | 5% | 6% | %7 | %8 | %9 |
|---|---|---|---|---|---|---|---|---|---|---|
| 0%: | | 78.3 | 76.5 | 75.2 | 74.6 | 74.2 | 73.9 | 73.6 | 73.3 | 72.9 |
| 10%: | 72.6 | 72.4 | 72.2 | 71.9 | 71.7 | 71.5 | 71.3 | 71.1 | 70.9 | 70.7 |
| 20%: | 70.5 | 70.3 | 70.0 | 69.8 | 69.6 | 69.3 | 69.1 | 68.8 | 68.6 | 68.4 |
| 30%: | 68.2 | 68.0 | 67.7 | 67.4 | 67.2 | 67.0 | 66.7 | 66.5 | 66.2 | 65.9 |
| 40%: | 65.7 | 65.5 | 65.3 | 65.0 | 64.8 | 64.5 | 64.3 | 64.0 | 63.7 | 63.5 |
| 50%: | 63.2 | 63.0 | 62.8 | 62.5 | 62.2 | 62.0 | 61.8 | 61.6 | 61.3 | 61.1 |
| 60%: | 61.0 | 60.7 | 60.5 | 60.3 | 60.1 | 59.9 | 59.8 | 59.6 | 59.4 | 59.2 |
| 70%: | 59.0 | 58.8 | 58.6 | 58.4 | 58.2 | 58.1 | 58.0 | 57.8 | 57.7 | 57.5 |
| 80%: | 57.3 | 57.1 | 56.9 | 56.6 | 56.3 | 55.9 | 55.6 | 55.3 | 55.1 | 54.8 |
| 90%: | 54.4 | 54.0 | 53.7 | 53.5 | 53.2 | 52.9 | 52.2 | 51.3 | 50.9 | 50.2 |
| 100%: | 49.7 | | | | | | | | | |
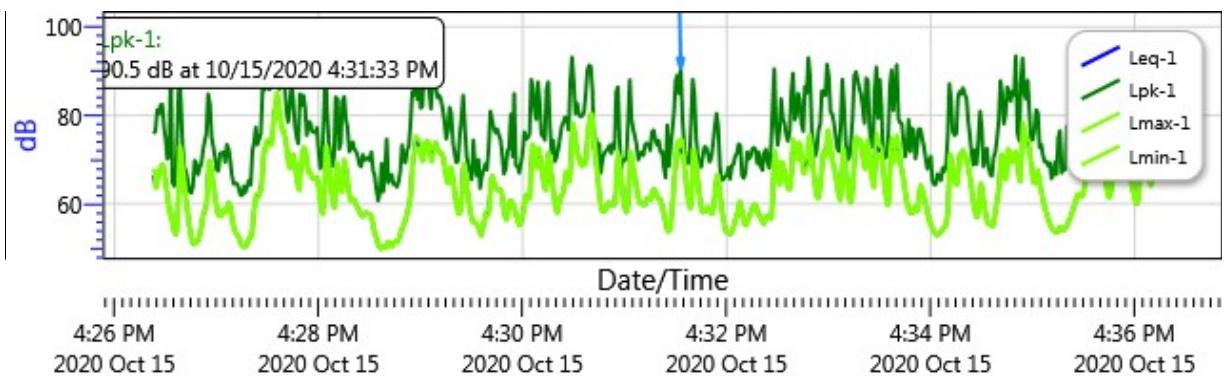
# Exceedance Chart

S273: Exceedance Chart



# Logged Data Chart

S273: Logged Data Chart

# Session Report
## 10/20/2020

## Information Panel

| | |
|---|---|
| Name | S264 |
| Start Time | 10/15/2020 7:29:40 AM |
| Stop Time | 10/15/2020 7:39:40 AM |
| Device Name | BJH100030 |
| Model Type | SoundPro DL |
| Device Firmware Rev | R.13H |
| Comments | |

## Summary Data Panel

| Description | Meter | Value | Description | Meter | Value |
|---|---|---|---|---|---|
| Leq | 1 | 56.7 dB | L1 | 1 | 63.7 dB |
| L10 | 1 | 61.1 dB | L50 | 1 | 53.5 dB |
| L90 | 1 | 47.4 dB | Lmax | 1 | 66.2 dB |
| Lmin | 1 | 44.8 dB | Lpk | 1 | 93.9 dB |
| Exchange Rate | 1 | 3 dB | Weighting | 1 | A |
| Log Rate | 1 | 1 s | | | |
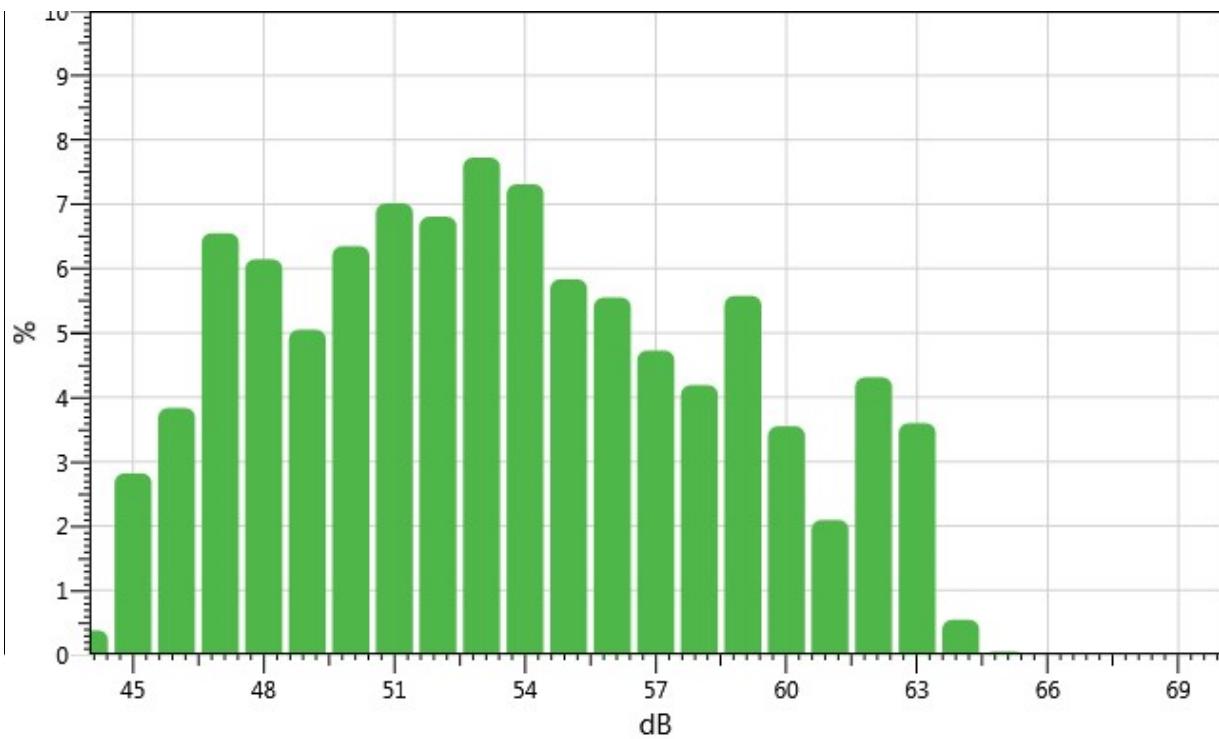
## Statistics Table

| dB: | 0.0 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | % |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 44: | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.12 | 0.26 | 0.38 |
| 45: | 0.26 | 0.49 | 0.24 | 0.51 | 0.21 | 0.20 | 0.22 | 0.39 | 0.00 | 0.29 | 2.82 |
| 46: | 0.39 | 0.42 | 0.46 | 0.49 | 0.34 | 0.30 | 0.34 | 0.33 | 0.41 | 0.36 | 3.83 |
| 47: | 0.28 | 0.45 | 0.53 | 0.57 | 0.74 | 0.86 | 0.80 | 0.68 | 0.86 | 0.78 | 6.55 |
| 48: | 0.54 | 0.74 | 0.83 | 0.67 | 0.61 | 0.63 | 0.56 | 0.63 | 0.53 | 0.41 | 6.14 |
| 49: | 0.67 | 0.73 | 0.59 | 0.60 | 0.57 | 0.00 | 0.55 | 0.48 | 0.41 | 0.46 | 5.05 |
| 50: | 0.43 | 0.49 | 0.50 | 0.60 | 0.68 | 0.82 | 0.63 | 0.71 | 0.70 | 0.80 | 6.35 |
| 51: | 0.76 | 0.68 | 0.80 | 0.92 | 0.78 | 0.60 | 0.67 | 0.58 | 0.60 | 0.61 | 7.01 |
| 52: | 0.59 | 0.67 | 0.70 | 0.75 | 0.64 | 0.60 | 0.61 | 0.74 | 0.79 | 0.71 | 6.80 |
| 53: | 0.82 | 0.64 | 0.79 | 0.69 | 0.83 | 0.66 | 0.84 | 0.73 | 0.78 | 0.94 | 7.72 |
| 54: | 0.72 | 0.60 | 0.59 | 0.81 | 0.76 | 0.73 | 0.74 | 0.78 | 0.71 | 0.86 | 7.31 |
| 55: | 0.65 | 0.49 | 0.49 | 0.62 | 0.75 | 0.72 | 0.70 | 0.43 | 0.51 | 0.48 | 5.83 |
| 56: | 0.51 | 0.35 | 0.47 | 0.44 | 0.60 | 0.67 | 0.66 | 0.66 | 0.66 | 0.51 | 5.55 |

| 57: | 0.56 | 0.55 | 0.28 | 0.63 | 0.52 | 0.48 | 0.47 | 0.41 | 0.39 | 0.43 | 4.73 |
| 58: | 0.39 | 0.34 | 0.43 | 0.42 | 0.34 | 0.36 | 0.36 | 0.45 | 0.49 | 0.61 | 4.19 |
| 59: | 0.69 | 0.66 | 0.55 | 0.52 | 0.68 | 0.60 | 0.56 | 0.47 | 0.43 | 0.41 | 5.58 |
| 60: | 0.38 | 0.35 | 0.23 | 0.37 | 0.45 | 0.30 | 0.31 | 0.36 | 0.31 | 0.49 | 3.55 |
| 61: | 0.29 | 0.18 | 0.14 | 0.20 | 0.27 | 0.20 | 0.19 | 0.17 | 0.20 | 0.24 | 2.09 |
| 62: | 0.20 | 0.25 | 0.41 | 0.55 | 0.53 | 0.51 | 0.45 | 0.54 | 0.49 | 0.37 | 4.31 |
| 63: | 0.38 | 0.36 | 0.18 | 0.34 | 0.35 | 0.50 | 0.39 | 0.39 | 0.46 | 0.24 | 3.60 |
| 64: | 0.13 | 0.16 | 0.03 | 0.14 | 0.07 | 0.01 | 0.00 | 0.01 | 0.01 | 0.01 | 0.54 |
| 65: | 0.01 | 0.01 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.05 |
| 66: | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 |

## Statistics Chart

S264: Statistics Chart
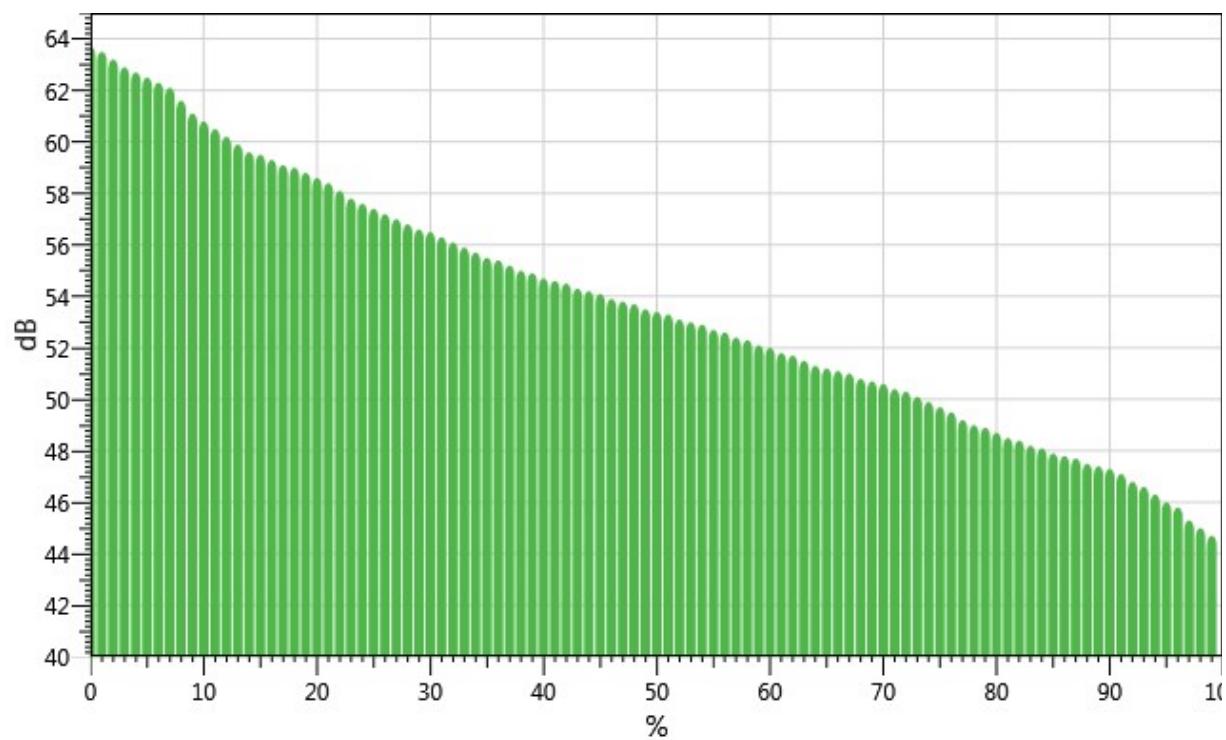


## Exceedance Table

| . | 0% | 1% | 2% | 3% | 4% | 5% | 6% | %7 | %8 | %9 |
|---|---|---|---|---|---|---|---|---|---|---|
| 0%: |  | 63.7 | 63.5 | 63.2 | 62.9 | 62.7 | 62.5 | 62.3 | 62.1 | 61.6 |
| 10%: | 61.1 | 60.8 | 60.5 | 60.2 | 59.9 | 59.6 | 59.5 | 59.3 | 59.1 | 59.0 |
| 20%: | 58.8 | 58.6 | 58.4 | 58.1 | 57.8 | 57.6 | 57.4 | 57.2 | 57.0 | 56.8 |
| 30%: | 56.6 | 56.5 | 56.3 | 56.1 | 55.9 | 55.7 | 55.5 | 55.4 | 55.2 | 55.0 |
| 40%: | 54.9 | 54.7 | 54.6 | 54.5 | 54.3 | 54.2 | 54.1 | 53.9 | 53.8 | 53.7 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 50%: | 53.5 | 53.4 | 53.3 | 53.1 | 53.0 | 52.9 | 52.7 | 52.6 | 52.4 | 52.3 |
| 60%: | 52.1 | 52.0 | 51.8 | 51.7 | 51.5 | 51.3 | 51.2 | 51.1 | 51.0 | 50.8 |
| 70%: | 50.7 | 50.6 | 50.4 | 50.3 | 50.1 | 49.9 | 49.7 | 49.5 | 49.2 | 49.0 |
| 80%: | 48.9 | 48.7 | 48.5 | 48.4 | 48.2 | 48.1 | 47.9 | 47.8 | 47.7 | 47.5 |
| 90%: | 47.4 | 47.3 | 47.1 | 46.8 | 46.6 | 46.3 | 46.0 | 45.8 | 45.3 | 45.0 |
| 100%: | 44.7 | | | | | | | | | |
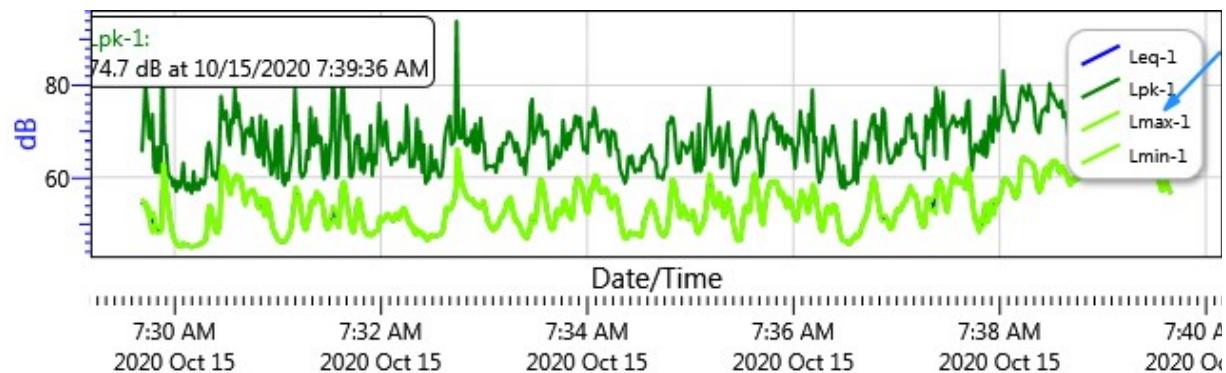
## Exceedance Chart

S264: Exceedance Chart



## Logged Data Chart

S264: Logged Data Chart

# Session Report

**10/20/2020**

## Information Panel

| | |
|---|---|
| Name | S274 |
| Start Time | 10/15/2020 4:40:57 PM |
| Stop Time | 10/15/2020 4:50:57 PM |
| Device Name | BJH100030 |
| Model Type | SoundPro DL |
| Device Firmware Rev | R.13H |
| Comments | |

## Summary Data Panel

| Description | Meter | Value | Description | Meter | Value |
|---|---|---|---|---|---|
| Leq | 1 | 55.3 dB | L1 | 1 | 62.3 dB |
| L10 | 1 | 58.6 dB | L50 | 1 | 53 dB |
| L90 | 1 | 48.4 dB | Lmax | 1 | 64.6 dB |
| Lmin | 1 | 46.8 dB | Lpk | 1 | 90.2 dB |
| Exchange Rate | 1 | 3 dB | Weighting | 1 | A |
| Log Rate | 1 | 1 s | | | |
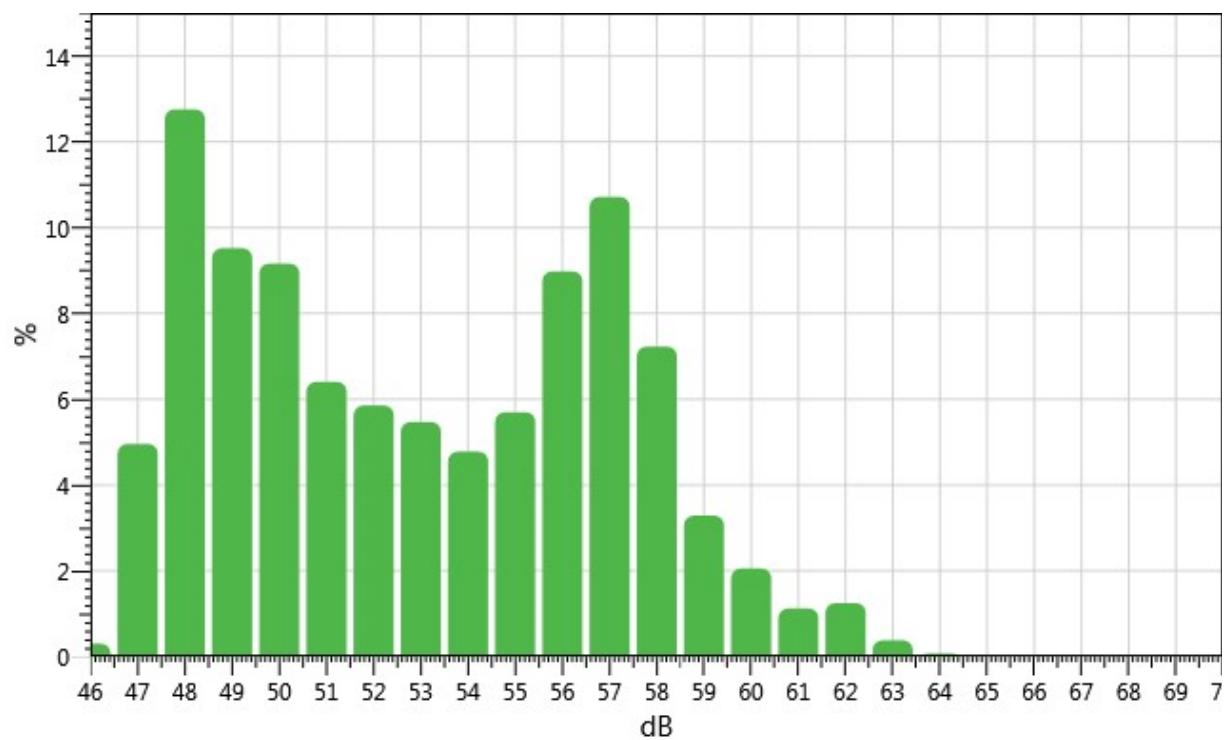
## Statistics Table

| dB: | 0.0 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | % |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 46: | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.26 | 0.30 |
| 47: | 0.67 | 0.43 | 0.17 | 0.09 | 0.41 | 0.65 | 0.63 | 0.51 | 0.71 | 0.69 | 4.96 |
| 48: | 0.57 | 1.11 | 0.80 | 0.67 | 0.86 | 1.47 | 1.94 | 2.10 | 1.61 | 1.62 | 12.76 |
| 49: | 1.27 | 1.14 | 1.08 | 0.91 | 0.72 | 0.00 | 1.10 | 0.99 | 1.17 | 1.13 | 9.52 |
| 50: | 0.89 | 0.92 | 0.98 | 0.87 | 0.76 | 0.87 | 0.97 | 0.93 | 1.00 | 0.98 | 9.16 |
| 51: | 0.96 | 0.83 | 0.66 | 0.63 | 0.64 | 0.73 | 0.61 | 0.49 | 0.49 | 0.36 | 6.41 |
| 52: | 0.35 | 0.38 | 0.46 | 0.45 | 0.65 | 0.79 | 0.71 | 0.52 | 0.77 | 0.77 | 5.85 |
| 53: | 0.59 | 0.62 | 0.63 | 0.51 | 0.46 | 0.55 | 0.53 | 0.53 | 0.49 | 0.56 | 5.47 |
| 54: | 0.61 | 0.50 | 0.40 | 0.49 | 0.52 | 0.45 | 0.46 | 0.42 | 0.51 | 0.42 | 4.78 |
| 55: | 0.39 | 0.49 | 0.45 | 0.54 | 0.52 | 0.67 | 0.61 | 0.72 | 0.53 | 0.76 | 5.70 |
| 56: | 0.55 | 0.71 | 1.04 | 1.05 | 1.00 | 0.67 | 0.74 | 0.80 | 0.93 | 1.48 | 8.98 |
| 57: | 1.46 | 1.12 | 0.69 | 0.97 | 1.22 | 1.20 | 1.09 | 0.96 | 1.01 | 0.98 | 10.72 |
| 58: | 0.74 | 0.89 | 0.76 | 0.60 | 0.77 | 0.51 | 0.64 | 0.82 | 0.83 | 0.67 | 7.23 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 59: | 0.66 | 0.54 | 0.39 | 0.22 | 0.27 | 0.18 | 0.16 | 0.25 | 0.30 | 0.29 | 3.29 |
| 60: | 0.35 | 0.47 | 0.29 | 0.31 | 0.20 | 0.08 | 0.09 | 0.08 | 0.08 | 0.09 | 2.05 |
| 61: | 0.09 | 0.09 | 0.10 | 0.11 | 0.15 | 0.13 | 0.10 | 0.10 | 0.09 | 0.17 | 1.13 |
| 62: | 0.13 | 0.10 | 0.17 | 0.16 | 0.17 | 0.11 | 0.07 | 0.13 | 0.12 | 0.09 | 1.25 |
| 63: | 0.15 | 0.16 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.38 |
| 64: | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 |

## Statistics Chart

S274: Statistics Chart
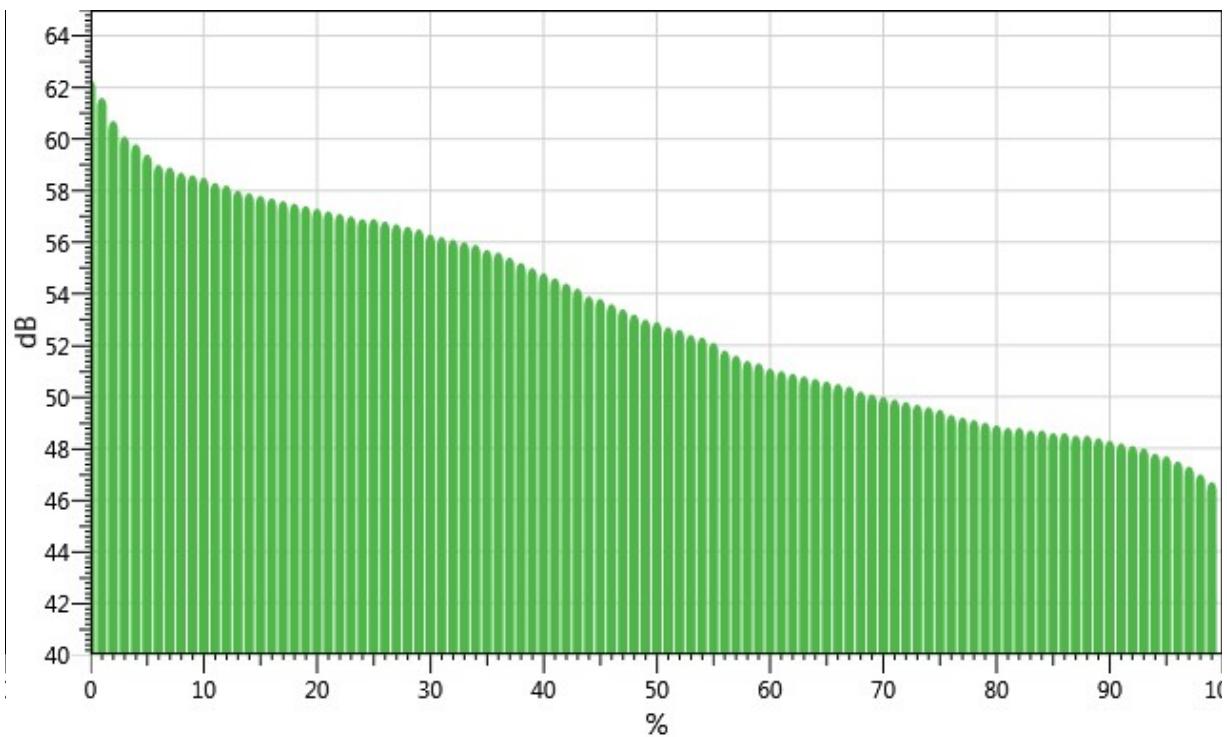


## Exceedance Table

| . | 0% | 1% | 2% | 3% | 4% | 5% | 6% | %7 | %8 | %9 |
|---|---|---|---|---|---|---|---|---|---|---|
| 0%: | | 62.3 | 61.6 | 60.7 | 60.1 | 59.8 | 59.4 | 59.0 | 58.9 | 58.7 |
| 10%: | 58.6 | 58.5 | 58.3 | 58.2 | 58.0 | 57.9 | 57.8 | 57.7 | 57.6 | 57.5 |
| 20%: | 57.4 | 57.3 | 57.2 | 57.1 | 57.0 | 56.9 | 56.9 | 56.8 | 56.7 | 56.6 |
| 30%: | 56.5 | 56.3 | 56.2 | 56.1 | 56.0 | 55.9 | 55.7 | 55.6 | 55.4 | 55.2 |
| 40%: | 55.0 | 54.8 | 54.6 | 54.4 | 54.2 | 53.9 | 53.8 | 53.6 | 53.4 | 53.2 |
| 50%: | 53.0 | 52.9 | 52.7 | 52.6 | 52.4 | 52.3 | 52.1 | 51.8 | 51.6 | 51.4 |
| 60%: | 51.3 | 51.1 | 51.0 | 50.9 | 50.8 | 50.7 | 50.6 | 50.5 | 50.4 | 50.2 |
| 70%: | 50.1 | 50.0 | 49.9 | 49.8 | 49.7 | 49.6 | 49.5 | 49.3 | 49.2 | 49.1 |
| 80%: | 49.0 | 48.9 | 48.8 | 48.8 | 48.7 | 48.7 | 48.6 | 48.6 | 48.5 | 48.5 |

| 90%: | 48.4 | 48.3 | 48.2 | 48.1 | 48.0 | 47.8 | 47.7 | 47.5 | 47.3 | 47.0 |
|------|------|------|------|------|------|------|------|------|------|------|
| 100%: | 46.7 | | | | | | | | | |
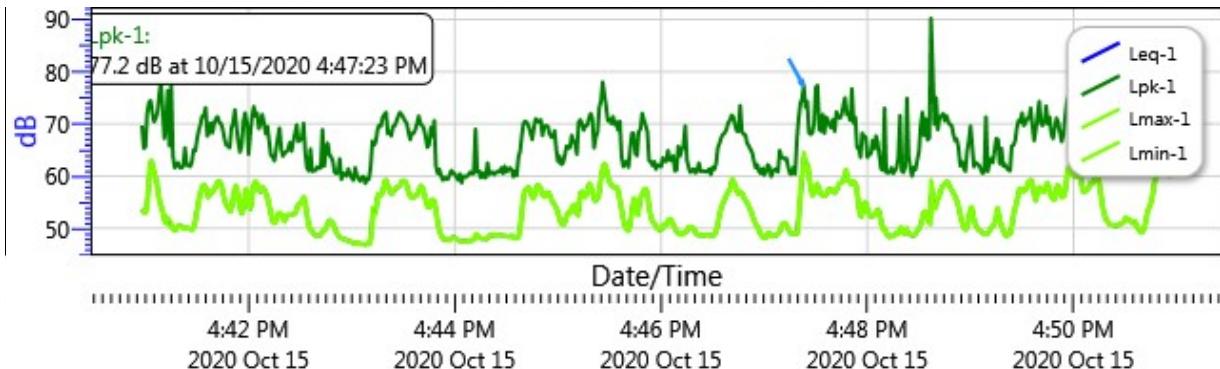
## Exceedance Chart

S274: Exceedance Chart



## Logged Data Chart

S274: Logged Data Chart

# Session Report

**10/20/2020**

## Information Panel

| | |
|---|---|
| Name | S265 |
| Start Time | 10/15/2020 7:45:50 AM |
| Stop Time | 10/15/2020 7:56:28 AM |
| Device Name | BJH100030 |
| Model Type | SoundPro DL |
| Device Firmware Rev | R.13H |
| Comments | |

## Summary Data Panel

| Description | Meter | Value | Description | Meter | Value |
|---|---|---|---|---|---|
| Leq | 1 | 47.1 dB | L1 | 1 | 54.2 dB |
| L10 | 1 | 48.8 dB | L50 | 1 | 46 dB |
| L90 | 1 | 44.7 dB | Lmax | 1 | 56.2 dB |
| Lmin | 1 | 43.4 dB | Lpk | 1 | 81.9 dB |
| Exchange Rate | 1 | 3 dB | Weighting | 1 | A |
| Log Rate | 1 | 1 s | | | |
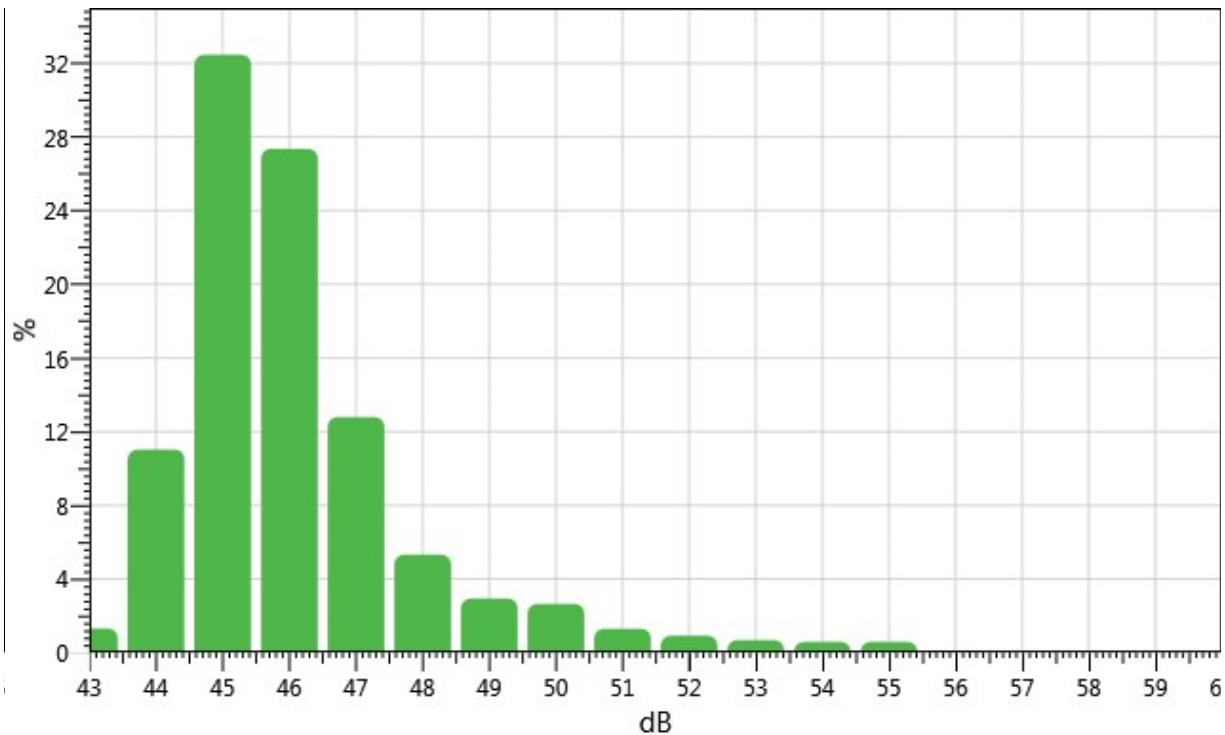
## Statistics Table

| dB: | 0.0 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | % |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 43: | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.15 | 0.28 | 0.32 | 0.29 | 0.27 | 1.31 |
| 44: | 0.38 | 0.32 | 0.68 | 0.00 | 0.89 | 1.09 | 1.77 | 1.93 | 2.25 | 1.73 | 11.03 |
| 45: | 2.97 | 3.20 | 3.39 | 3.72 | 3.75 | 4.03 | 3.96 | 3.93 | 0.00 | 3.53 | 32.47 |
| 46: | 4.18 | 3.47 | 3.36 | 2.92 | 2.46 | 2.74 | 2.76 | 2.32 | 1.70 | 1.46 | 27.36 |
| 47: | 1.33 | 1.54 | 1.44 | 1.17 | 1.37 | 1.32 | 1.24 | 1.24 | 1.18 | 0.95 | 12.79 |
| 48: | 0.60 | 0.76 | 0.75 | 0.62 | 0.65 | 0.45 | 0.41 | 0.28 | 0.40 | 0.41 | 5.32 |
| 49: | 0.36 | 0.36 | 0.45 | 0.44 | 0.25 | 0.00 | 0.32 | 0.21 | 0.21 | 0.33 | 2.93 |
| 50: | 0.35 | 0.29 | 0.28 | 0.23 | 0.31 | 0.24 | 0.34 | 0.29 | 0.18 | 0.14 | 2.64 |
| 51: | 0.16 | 0.07 | 0.12 | 0.15 | 0.11 | 0.07 | 0.13 | 0.28 | 0.15 | 0.06 | 1.30 |
| 52: | 0.04 | 0.04 | 0.04 | 0.08 | 0.12 | 0.17 | 0.16 | 0.08 | 0.07 | 0.10 | 0.91 |
| 53: | 0.08 | 0.07 | 0.05 | 0.08 | 0.08 | 0.07 | 0.06 | 0.05 | 0.05 | 0.08 | 0.68 |
| 54: | 0.06 | 0.05 | 0.13 | 0.10 | 0.03 | 0.03 | 0.03 | 0.03 | 0.06 | 0.04 | 0.58 |
| 55: | 0.03 | 0.06 | 0.07 | 0.10 | 0.14 | 0.07 | 0.02 | 0.02 | 0.02 | 0.03 | 0.58 |

| 56: | 0.03 | 0.03 | 0.05 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.11 |

## Statistics Chart

S265: Statistics Chart
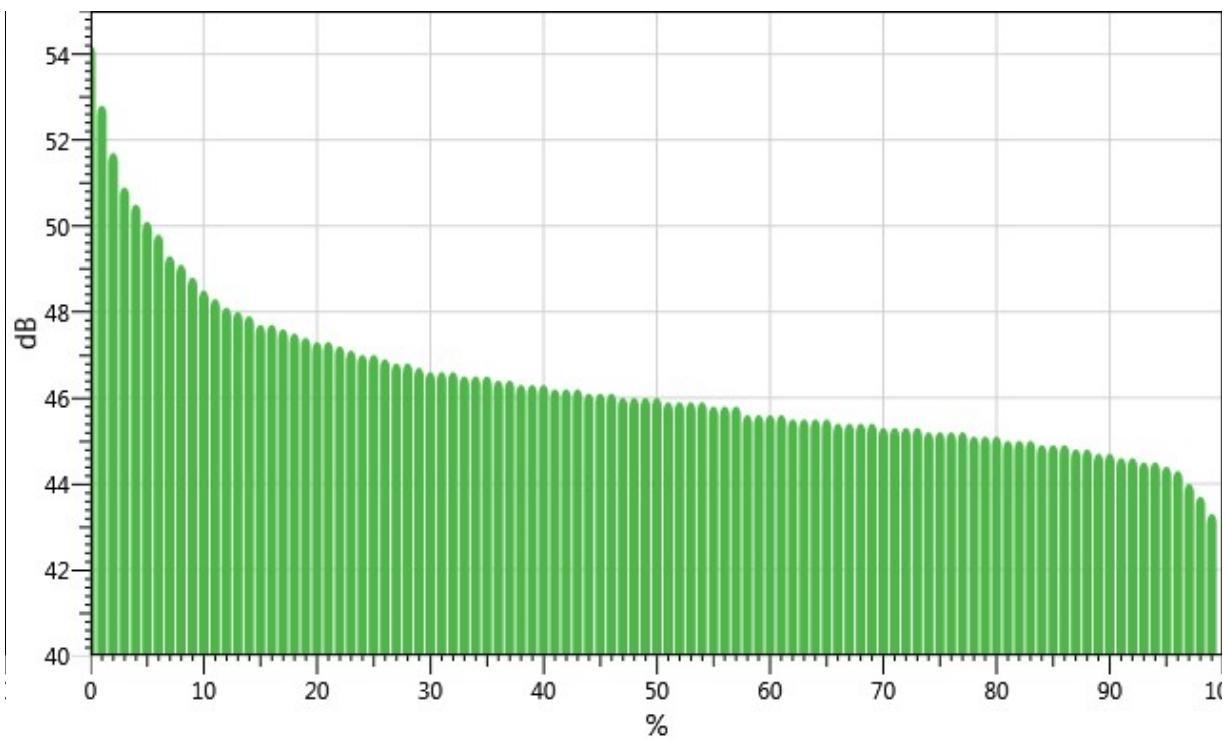


## Exceedance Table

| . | 0% | 1% | 2% | 3% | 4% | 5% | 6% | %7 | %8 | %9 |
|---|---|---|---|---|---|---|---|---|---|---|
| 0%: | | 54.2 | 52.8 | 51.7 | 50.9 | 50.5 | 50.1 | 49.8 | 49.3 | 49.1 |
| 10%: | 48.8 | 48.5 | 48.3 | 48.1 | 48.0 | 47.9 | 47.7 | 47.7 | 47.6 | 47.5 |
| 20%: | 47.4 | 47.3 | 47.3 | 47.2 | 47.1 | 47.0 | 47.0 | 46.9 | 46.8 | 46.8 |
| 30%: | 46.7 | 46.6 | 46.6 | 46.6 | 46.5 | 46.5 | 46.5 | 46.4 | 46.4 | 46.3 |
| 40%: | 46.3 | 46.3 | 46.2 | 46.2 | 46.2 | 46.1 | 46.1 | 46.1 | 46.0 | 46.0 |
| 50%: | 46.0 | 46.0 | 45.9 | 45.9 | 45.9 | 45.9 | 45.8 | 45.8 | 45.8 | 45.6 |
| 60%: | 45.6 | 45.6 | 45.6 | 45.5 | 45.5 | 45.5 | 45.5 | 45.4 | 45.4 | 45.4 |
| 70%: | 45.4 | 45.3 | 45.3 | 45.3 | 45.3 | 45.2 | 45.2 | 45.2 | 45.2 | 45.1 |
| 80%: | 45.1 | 45.1 | 45.0 | 45.0 | 45.0 | 44.9 | 44.9 | 44.9 | 44.8 | 44.8 |
| 90%: | 44.7 | 44.7 | 44.6 | 44.6 | 44.5 | 44.5 | 44.4 | 44.3 | 44.0 | 43.7 |
| 100%: | 43.3 | | | | | | | | | |
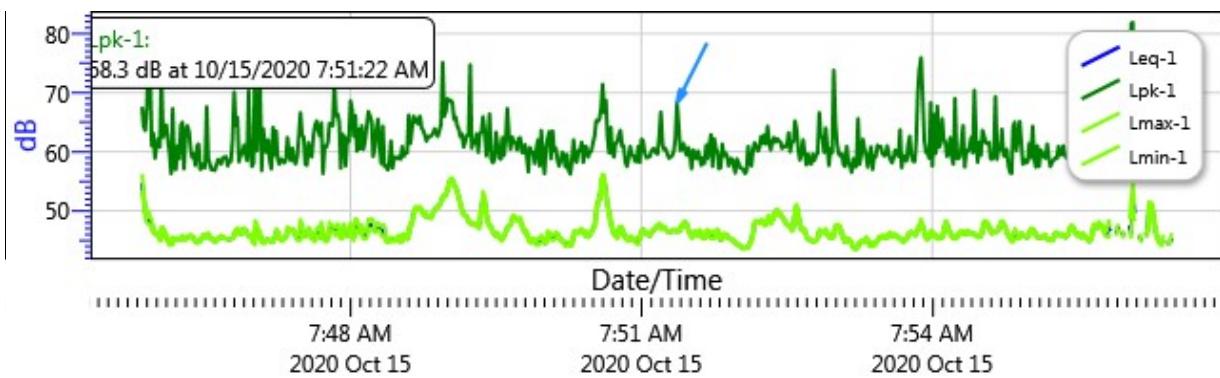
## Exceedance Chart

S265: Exceedance Chart



## Logged Data Chart

S265: Logged Data Chart

# Session Report

**10/20/2020**

## Information Panel

| | |
|---|---|
| Name | S275 |
| Start Time | 10/15/2020 4:53:56 PM |
| Stop Time | 10/15/2020 5:03:56 PM |
| Device Name | BJH100030 |
| Model Type | SoundPro DL |
| Device Firmware Rev | R.13H |
| Comments | |

## Summary Data Panel

| Description | Meter | Value | Description | Meter | Value |
|---|---|---|---|---|---|
| Leq | 1 | 49.4 dB | L1 | 1 | 56.9 dB |
| L10 | 1 | 50.9 dB | L50 | 1 | 48.2 dB |
| L90 | 1 | 46 dB | Lmax | 1 | 65.9 dB |
| Lmin | 1 | 44.2 dB | Lpk | 1 | 85 dB |
| Exchange Rate | 1 | 3 dB | Weighting | 1 | A |
| Log Rate | 1 | 1 s | | | |
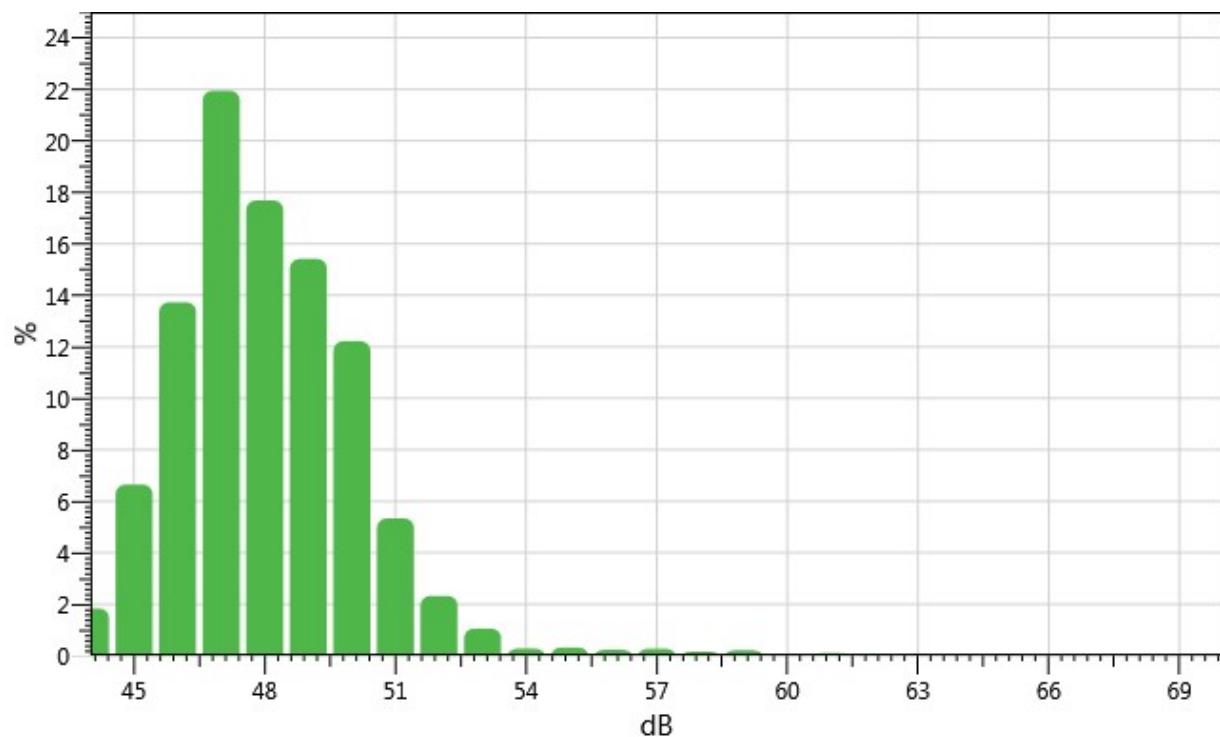
## Statistics Table

| dB: | 0.0 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | % |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 44: | 0.00 | 0.00 | 0.00 | 0.00 | 0.06 | 0.17 | 0.24 | 0.43 | 0.52 | 0.41 | 1.83 |
| 45: | 0.64 | 0.55 | 0.51 | 0.54 | 0.62 | 0.64 | 1.03 | 1.11 | 0.00 | 1.00 | 6.65 |
| 46: | 0.80 | 0.85 | 1.03 | 1.42 | 1.51 | 1.38 | 1.68 | 1.53 | 1.66 | 1.87 | 13.73 |
| 47: | 1.88 | 1.96 | 1.88 | 2.08 | 2.29 | 2.43 | 2.22 | 2.37 | 2.50 | 2.34 | 21.95 |
| 48: | 1.46 | 2.02 | 2.14 | 2.08 | 2.03 | 1.46 | 1.47 | 1.74 | 1.56 | 1.72 | 17.68 |
| 49: | 2.02 | 2.12 | 1.89 | 1.72 | 1.60 | 0.00 | 1.66 | 1.74 | 1.38 | 1.28 | 15.41 |
| 50: | 1.32 | 1.45 | 1.40 | 1.23 | 1.19 | 1.13 | 1.16 | 1.15 | 1.17 | 1.01 | 12.22 |
| 51: | 1.01 | 0.57 | 0.55 | 0.60 | 0.43 | 0.53 | 0.48 | 0.44 | 0.43 | 0.28 | 5.33 |
| 52: | 0.25 | 0.38 | 0.26 | 0.22 | 0.18 | 0.29 | 0.30 | 0.21 | 0.16 | 0.07 | 2.32 |
| 53: | 0.11 | 0.14 | 0.16 | 0.17 | 0.08 | 0.14 | 0.09 | 0.05 | 0.07 | 0.05 | 1.05 |
| 54: | 0.03 | 0.03 | 0.03 | 0.02 | 0.03 | 0.02 | 0.02 | 0.03 | 0.04 | 0.03 | 0.27 |
| 55: | 0.03 | 0.03 | 0.04 | 0.05 | 0.03 | 0.03 | 0.02 | 0.03 | 0.03 | 0.02 | 0.32 |
| 56: | 0.02 | 0.03 | 0.02 | 0.02 | 0.03 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.23 |

| 57: | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.03 | 0.03 | 0.05 | 0.03 | 0.03 | 0.27 |
| 58: | 0.03 | 0.03 | 0.01 | 0.01 | 0.01 | 0.02 | 0.01 | 0.01 | 0.01 | 0.02 | 0.16 |
| 59: | 0.01 | 0.04 | 0.06 | 0.03 | 0.03 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.21 |
| 60: | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.01 | 0.00 | 0.01 | 0.01 | 0.05 |
| 61: | 0.00 | 0.01 | 0.00 | 0.01 | 0.01 | 0.01 | 0.02 | 0.01 | 0.02 | 0.02 | 0.10 |
| 62: | 0.02 | 0.01 | 0.00 | 0.01 | 0.00 | 0.01 | 0.00 | 0.01 | 0.01 | 0.01 | 0.07 |
| 63: | 0.00 | 0.01 | 0.00 | 0.01 | 0.01 | 0.00 | 0.01 | 0.00 | 0.01 | 0.00 | 0.04 |
| 64: | 0.01 | 0.00 | 0.01 | 0.00 | 0.01 | 0.00 | 0.01 | 0.00 | 0.01 | 0.00 | 0.04 |
| 65: | 0.01 | 0.00 | 0.01 | 0.00 | 0.01 | 0.01 | 0.00 | 0.01 | 0.01 | 0.01 | 0.06 |

## Statistics Chart

S275: Statistics Chart
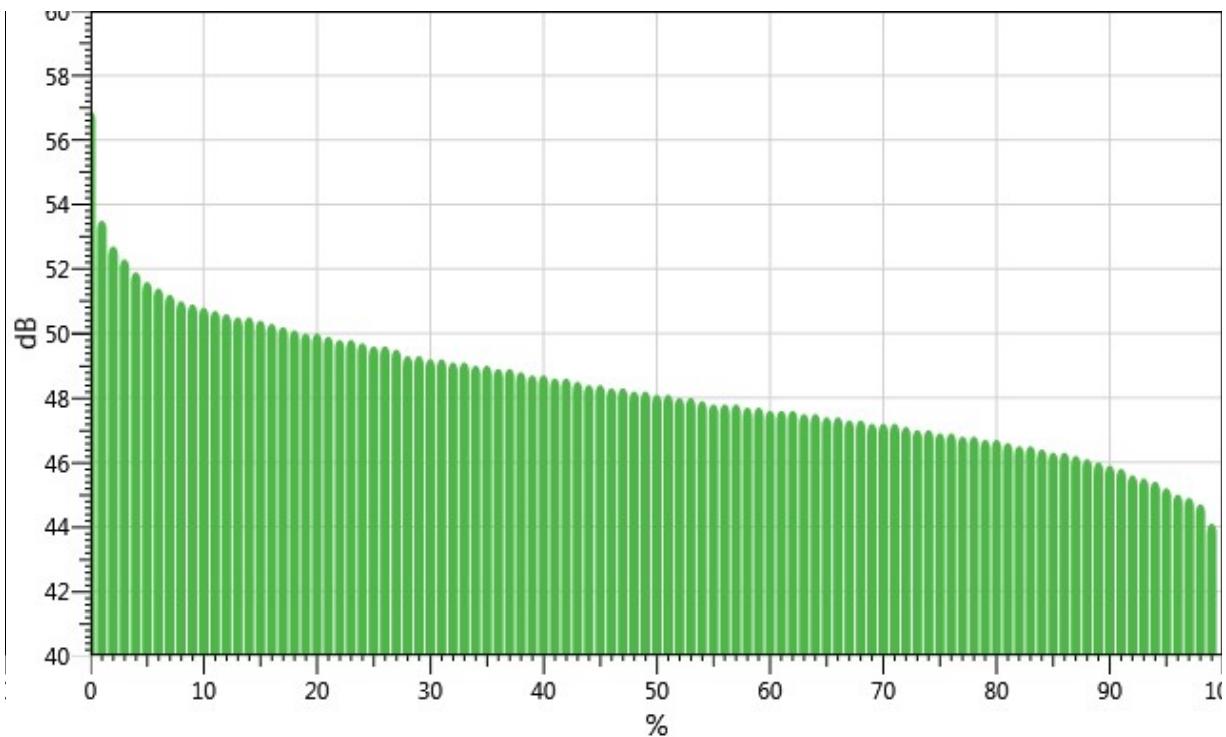


## Exceedance Table

| . | 0% | 1% | 2% | 3% | 4% | 5% | 6% | %7 | %8 | %9 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 0%: | | 56.9 | 53.5 | 52.7 | 52.3 | 51.9 | 51.6 | 51.4 | 51.2 | 51.0 |
| 10%: | 50.9 | 50.8 | 50.7 | 50.6 | 50.5 | 50.5 | 50.4 | 50.3 | 50.2 | 50.1 |
| 20%: | 50.0 | 50.0 | 49.9 | 49.8 | 49.8 | 49.7 | 49.6 | 49.6 | 49.5 | 49.3 |
| 30%: | 49.3 | 49.2 | 49.2 | 49.1 | 49.1 | 49.0 | 49.0 | 48.9 | 48.9 | 48.8 |
| 40%: | 48.7 | 48.7 | 48.6 | 48.6 | 48.5 | 48.4 | 48.4 | 48.3 | 48.3 | 48.2 |
| 50%: | 48.2 | 48.1 | 48.1 | 48.0 | 48.0 | 47.9 | 47.8 | 47.8 | 47.8 | 47.7 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 60%: | 47.7 | 47.6 | 47.6 | 47.6 | 47.5 | 47.5 | 47.4 | 47.4 | 47.3 | 47.3 |
| 70%: | 47.2 | 47.2 | 47.2 | 47.1 | 47.0 | 47.0 | 46.9 | 46.9 | 46.8 | 46.8 |
| 80%: | 46.7 | 46.7 | 46.6 | 46.5 | 46.5 | 46.4 | 46.3 | 46.3 | 46.2 | 46.1 |
| 90%: | 46.0 | 45.9 | 45.8 | 45.6 | 45.5 | 45.4 | 45.2 | 45.0 | 44.9 | 44.7 |
| 100%: | 44.1 | | | | | | | | | |
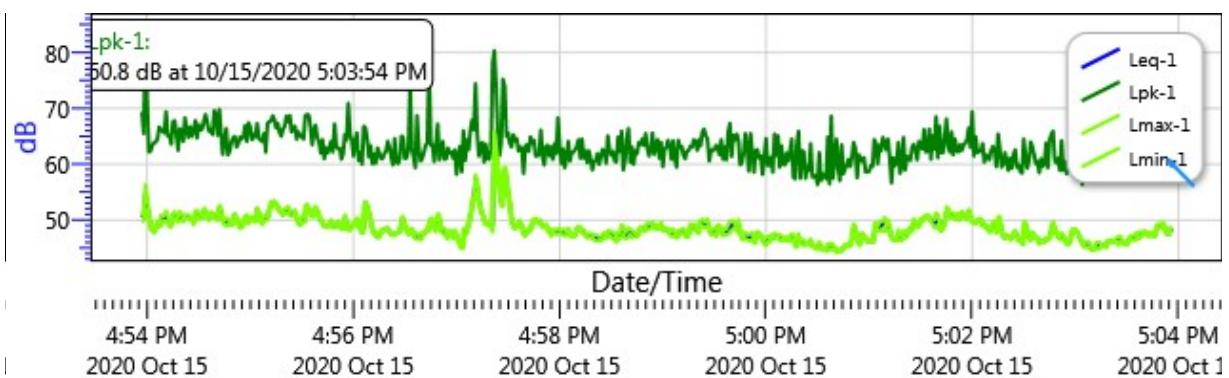
## Exceedance Chart

S275: Exceedance Chart



## Logged Data Chart

S275: Logged Data Chart

# Session Report
## 10/20/2020

## Information Panel

| | |
|---|---|
| Name | S266 |
| Start Time | 10/15/2020 8:01:25 AM |
| Stop Time | 10/15/2020 8:11:25 AM |
| Device Name | BJH100030 |
| Model Type | SoundPro DL |
| Device Firmware Rev | R.13H |
| Comments | |

## Summary Data Panel

| Description | Meter | Value | Description | Meter | Value |
|---|---|---|---|---|---|
| Leq | 1 | 59.3 dB | L1 | 1 | 68.1 dB |
| L10 | 1 | 63.8 dB | L50 | 1 | 54.3 dB |
| L90 | 1 | 53.6 dB | Lmax | 1 | 72.3 dB |
| Lmin | 1 | 53.2 dB | Lpk | 1 | 86.6 dB |
| Exchange Rate | 1 | 3 dB | Weighting | 1 | A |
| Log Rate | 1 | 1 s | | | |
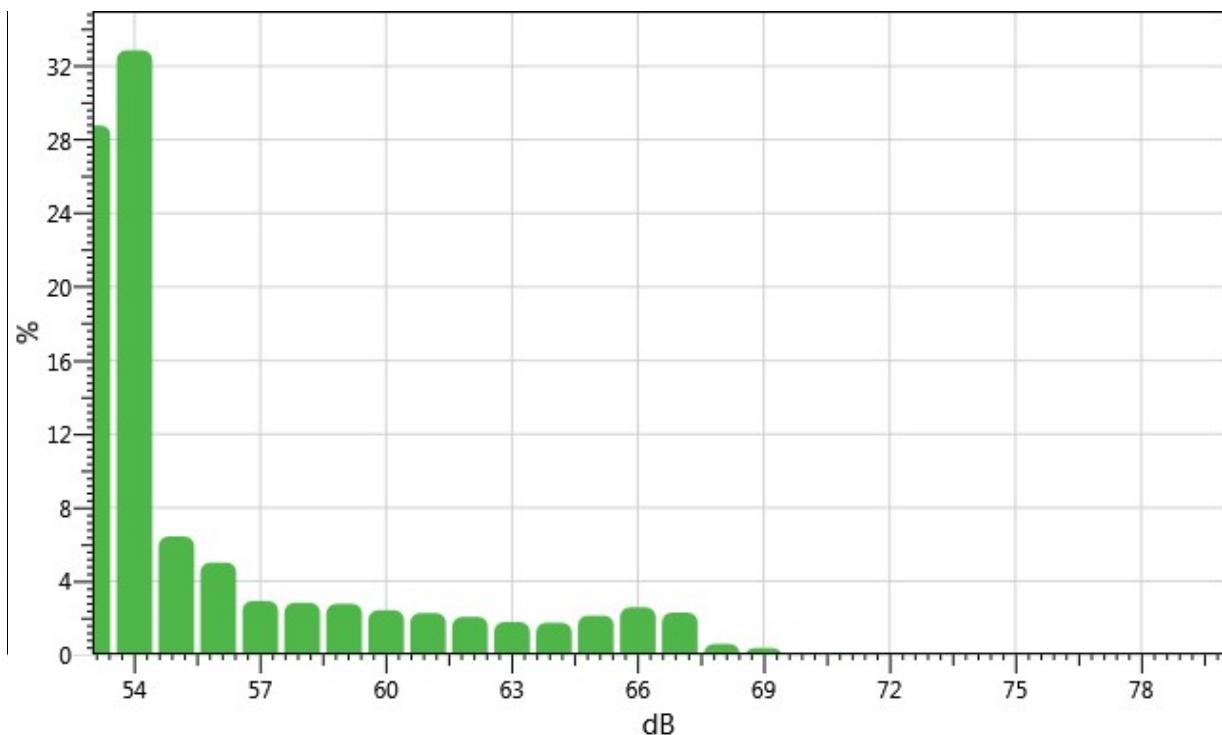
## Statistics Table

| dB: | 0.0 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | % |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 53: | 0.00 | 0.00 | 0.09 | 0.11 | 0.52 | 1.46 | 3.66 | 6.82 | 7.92 | 8.20 | 28.78 |
| 54: | 7.46 | 4.86 | 3.51 | 4.46 | 3.54 | 2.53 | 2.04 | 1.74 | 1.57 | 1.15 | 32.86 |
| 55: | 0.85 | 0.75 | 0.58 | 0.62 | 0.59 | 0.57 | 0.52 | 0.62 | 0.63 | 0.70 | 6.43 |
| 56: | 0.78 | 0.70 | 0.50 | 0.47 | 0.42 | 0.38 | 0.49 | 0.39 | 0.44 | 0.43 | 5.01 |
| 57: | 0.42 | 0.40 | 0.23 | 0.30 | 0.29 | 0.27 | 0.24 | 0.25 | 0.25 | 0.26 | 2.92 |
| 58: | 0.32 | 0.34 | 0.26 | 0.26 | 0.27 | 0.28 | 0.27 | 0.28 | 0.27 | 0.27 | 2.82 |
| 59: | 0.27 | 0.30 | 0.31 | 0.26 | 0.23 | 0.32 | 0.28 | 0.29 | 0.26 | 0.24 | 2.76 |
| 60: | 0.28 | 0.32 | 0.18 | 0.24 | 0.25 | 0.23 | 0.24 | 0.23 | 0.21 | 0.23 | 2.42 |
| 61: | 0.22 | 0.25 | 0.29 | 0.21 | 0.23 | 0.23 | 0.24 | 0.20 | 0.20 | 0.19 | 2.26 |
| 62: | 0.20 | 0.20 | 0.21 | 0.21 | 0.23 | 0.23 | 0.20 | 0.18 | 0.19 | 0.20 | 2.05 |
| 63: | 0.20 | 0.20 | 0.15 | 0.17 | 0.18 | 0.19 | 0.17 | 0.16 | 0.19 | 0.17 | 1.77 |
| 64: | 0.18 | 0.16 | 0.18 | 0.16 | 0.18 | 0.18 | 0.17 | 0.17 | 0.18 | 0.17 | 1.73 |
| 65: | 0.19 | 0.20 | 0.20 | 0.24 | 0.26 | 0.22 | 0.23 | 0.18 | 0.20 | 0.21 | 2.13 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 66: | 0.23 | 0.26 | 0.18 | 0.24 | 0.30 | 0.29 | 0.28 | 0.21 | 0.27 | 0.32 | 2.57 |
| 67: | 0.22 | 0.28 | 0.22 | 0.26 | 0.21 | 0.21 | 0.28 | 0.28 | 0.20 | 0.12 | 2.29 |
| 68: | 0.08 | 0.09 | 0.05 | 0.07 | 0.10 | 0.03 | 0.03 | 0.04 | 0.03 | 0.05 | 0.58 |
| 69: | 0.07 | 0.02 | 0.02 | 0.02 | 0.02 | 0.03 | 0.04 | 0.04 | 0.07 | 0.03 | 0.36 |
| 70: | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.07 |
| 71: | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 0.01 | 0.02 | 0.11 |
| 72: | 0.02 | 0.02 | 0.01 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 |

## Statistics Chart

S266: Statistics Chart
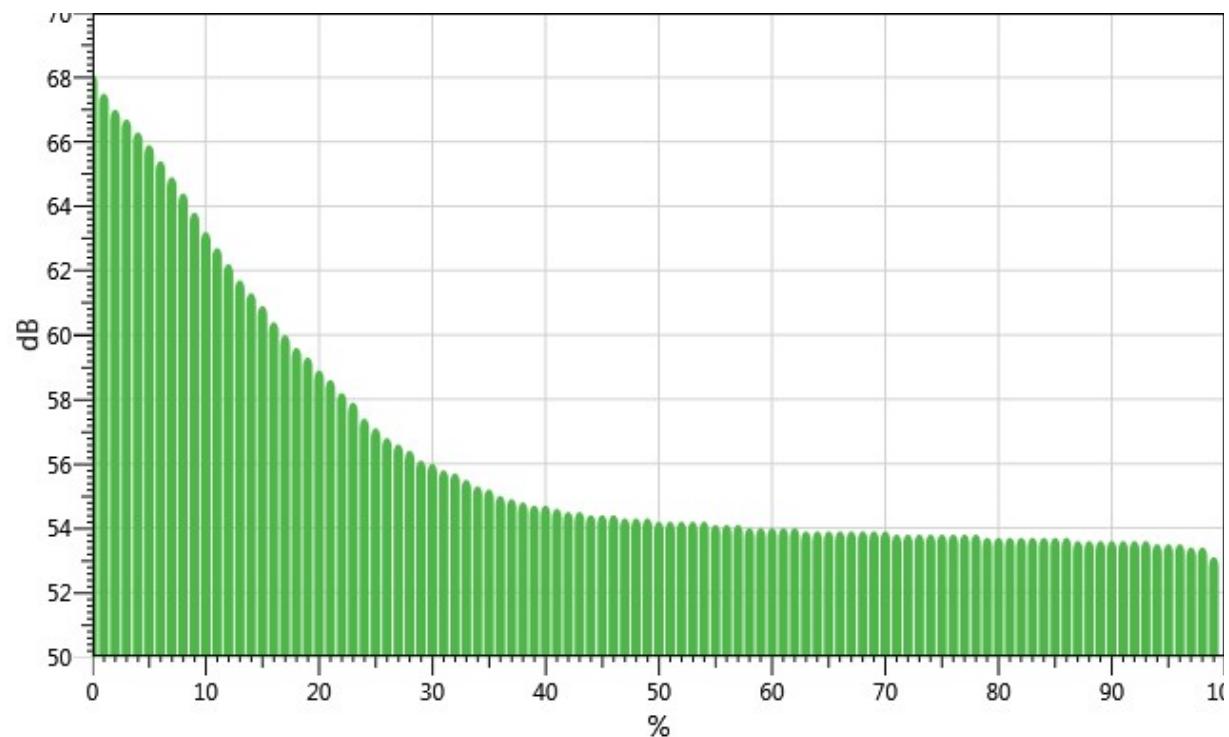


## Exceedance Table

| . | 0% | 1% | 2% | 3% | 4% | 5% | 6% | %7 | %8 | %9 |
|---|---|---|---|---|---|---|---|---|---|---|
| 0%: | | 68.1 | 67.5 | 67.0 | 66.7 | 66.3 | 65.9 | 65.4 | 64.9 | 64.4 |
| 10%: | 63.8 | 63.2 | 62.7 | 62.2 | 61.7 | 61.3 | 60.9 | 60.4 | 60.0 | 59.6 |
| 20%: | 59.3 | 58.9 | 58.6 | 58.2 | 57.9 | 57.4 | 57.1 | 56.8 | 56.6 | 56.4 |
| 30%: | 56.1 | 56.0 | 55.8 | 55.7 | 55.5 | 55.3 | 55.2 | 55.0 | 54.9 | 54.8 |
| 40%: | 54.7 | 54.7 | 54.6 | 54.5 | 54.5 | 54.4 | 54.4 | 54.4 | 54.3 | 54.3 |
| 50%: | 54.3 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.1 | 54.1 | 54.1 | 54.0 |
| 60%: | 54.0 | 54.0 | 54.0 | 54.0 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 |
| 70%: | 53.9 | 53.9 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 |

| 80%: | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.6 | 53.6 |
| 90%: | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.5 | 53.5 | 53.5 | 53.4 | 53.4 |
| 100%: | 53.1 | | | | | | | | | |
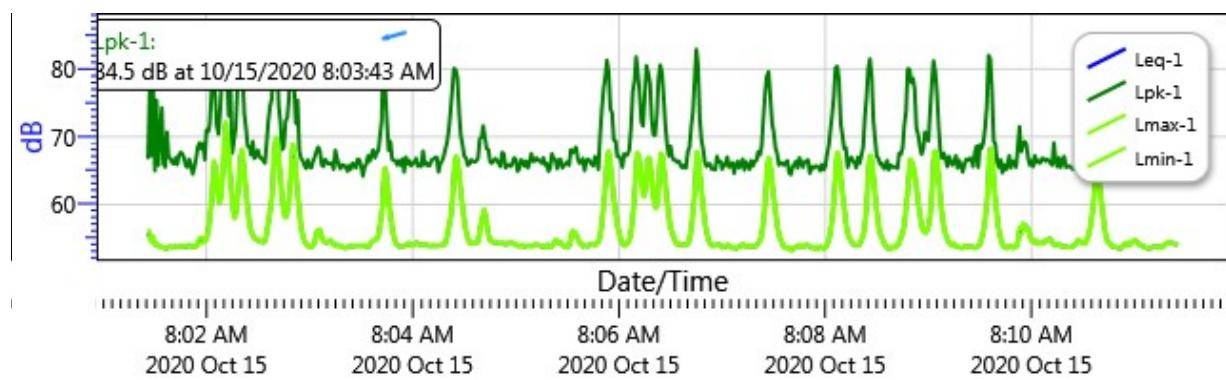
## Exceedance Chart

S266: Exceedance Chart



## Logged Data Chart

S266: Logged Data Chart

# Session Report
## 10/20/2020

## Information Panel

| | |
|---|---|
| Name | S276 |
| Start Time | 10/15/2020 5:06:42 PM |
| Stop Time | 10/15/2020 5:16:42 PM |
| Device Name | BJH100030 |
| Model Type | SoundPro DL |
| Device Firmware Rev | R.13H |
| Comments | |

## Summary Data Panel

| Description | Meter | Value | Description | Meter | Value |
|---|---|---|---|---|---|
| Leq | 1 | 61.5 dB | L1 | 1 | 69.8 dB |
| L10 | 1 | 65.3 dB | L50 | 1 | 57.5 dB |
| L90 | 1 | 55.6 dB | Lmax | 1 | 72.7 dB |
| Lmin | 1 | 54.8 dB | Lpk | 1 | 89.1 dB |
| Exchange Rate | 1 | 3 dB | Weighting | 1 | A |
| Log Rate | 1 | 1 s | | | |
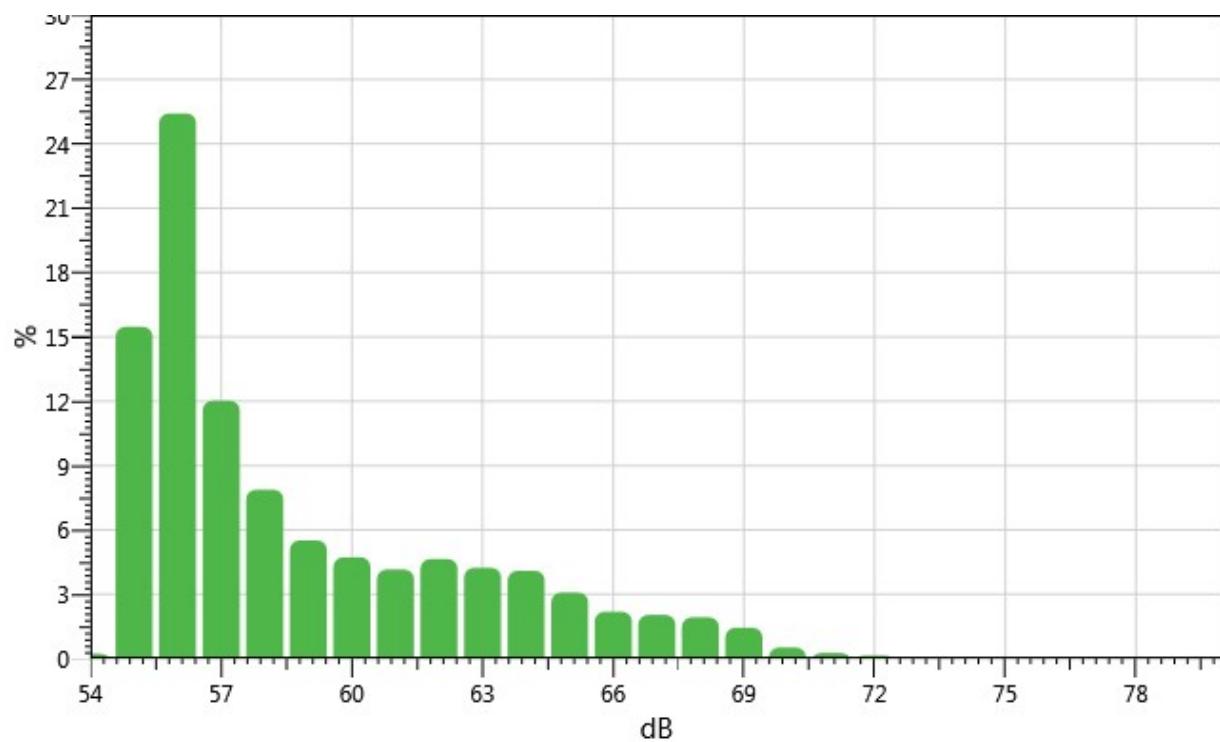
## Statistics Table

| dB: | 0.0 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | % |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 54: | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.09 | 0.14 | 0.23 |
| 55: | 0.32 | 0.77 | 1.10 | 0.65 | 1.08 | 1.48 | 2.17 | 2.38 | 2.25 | 3.28 | 15.47 |
| 56: | 2.69 | 3.27 | 3.08 | 2.65 | 2.61 | 2.61 | 2.49 | 2.33 | 2.10 | 1.59 | 25.41 |
| 57: | 1.53 | 1.87 | 0.84 | 1.58 | 1.24 | 1.20 | 1.22 | 0.83 | 0.77 | 0.93 | 12.02 |
| 58: | 1.12 | 1.02 | 0.77 | 0.73 | 0.76 | 0.82 | 0.84 | 0.65 | 0.59 | 0.58 | 7.88 |
| 59: | 0.64 | 0.58 | 0.59 | 0.54 | 0.49 | 0.54 | 0.53 | 0.57 | 0.47 | 0.55 | 5.52 |
| 60: | 0.53 | 0.55 | 0.34 | 0.50 | 0.47 | 0.56 | 0.47 | 0.38 | 0.47 | 0.45 | 4.73 |
| 61: | 0.40 | 0.46 | 0.40 | 0.40 | 0.46 | 0.41 | 0.42 | 0.45 | 0.40 | 0.36 | 4.16 |
| 62: | 0.39 | 0.42 | 0.41 | 0.45 | 0.46 | 0.45 | 0.56 | 0.58 | 0.44 | 0.47 | 4.65 |
| 63: | 0.50 | 0.44 | 0.26 | 0.41 | 0.46 | 0.45 | 0.40 | 0.40 | 0.48 | 0.44 | 4.23 |
| 64: | 0.52 | 0.48 | 0.42 | 0.33 | 0.35 | 0.35 | 0.40 | 0.37 | 0.47 | 0.39 | 4.10 |
| 65: | 0.34 | 0.36 | 0.44 | 0.30 | 0.24 | 0.23 | 0.24 | 0.29 | 0.29 | 0.33 | 3.08 |
| 66: | 0.40 | 0.34 | 0.16 | 0.21 | 0.22 | 0.17 | 0.16 | 0.20 | 0.16 | 0.17 | 2.19 |

| 67: | 0.18 | 0.29 | 0.23 | 0.23 | 0.15 | 0.15 | 0.14 | 0.19 | 0.25 | 0.24 | 2.04 |
| 68: | 0.19 | 0.22 | 0.24 | 0.21 | 0.12 | 0.15 | 0.15 | 0.19 | 0.23 | 0.22 | 1.93 |
| 69: | 0.13 | 0.15 | 0.15 | 0.17 | 0.10 | 0.14 | 0.22 | 0.10 | 0.15 | 0.13 | 1.44 |
| 70: | 0.06 | 0.09 | 0.08 | 0.09 | 0.07 | 0.02 | 0.02 | 0.03 | 0.03 | 0.03 | 0.52 |
| 71: | 0.03 | 0.04 | 0.04 | 0.08 | 0.02 | 0.01 | 0.01 | 0.02 | 0.01 | 0.01 | 0.27 |
| 72: | 0.01 | 0.01 | 0.01 | 0.02 | 0.02 | 0.02 | 0.02 | 0.03 | 0.00 | 0.00 | 0.15 |

## Statistics Chart

S276: Statistics Chart
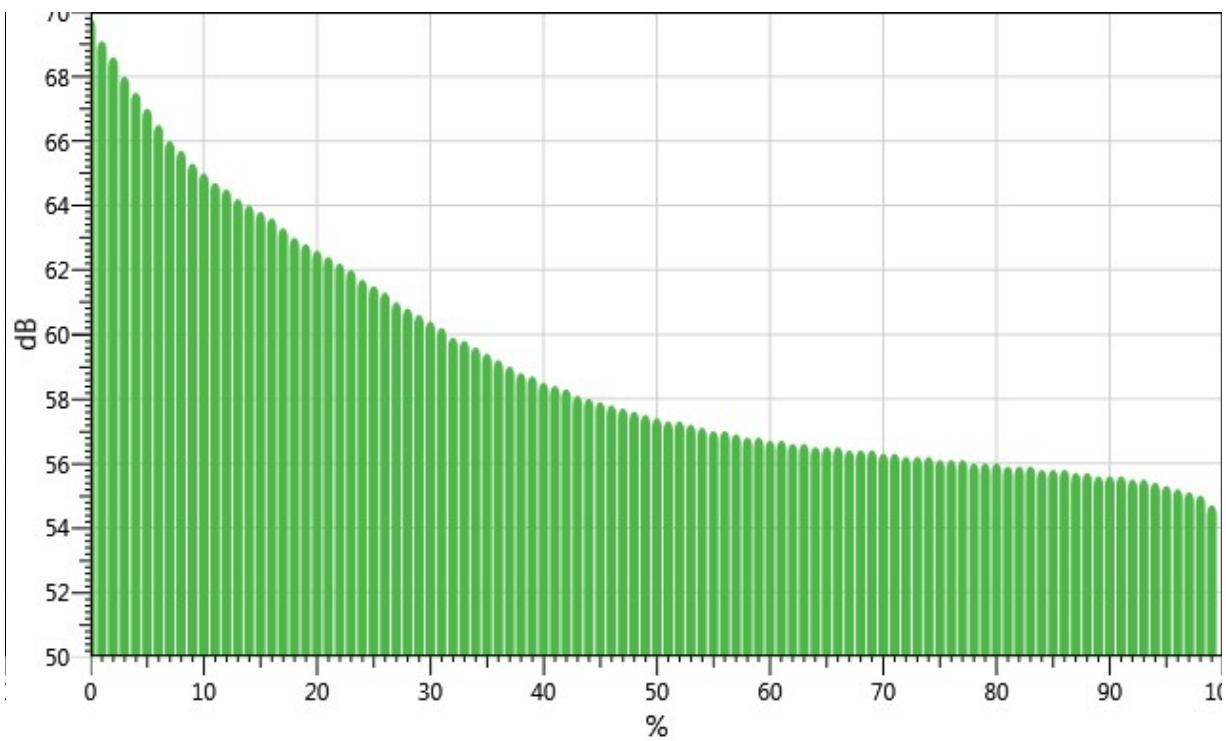


## Exceedance Table

| . | 0% | 1% | 2% | 3% | 4% | 5% | 6% | %7 | %8 | %9 |
|---|---|---|---|---|---|---|---|---|---|---|
| 0%: | | 69.8 | 69.1 | 68.6 | 68.0 | 67.5 | 67.0 | 66.5 | 66.0 | 65.7 |
| 10%: | 65.3 | 65.0 | 64.7 | 64.5 | 64.2 | 64.0 | 63.8 | 63.6 | 63.3 | 63.0 |
| 20%: | 62.8 | 62.6 | 62.4 | 62.2 | 62.0 | 61.7 | 61.5 | 61.3 | 61.0 | 60.8 |
| 30%: | 60.6 | 60.4 | 60.2 | 59.9 | 59.8 | 59.6 | 59.4 | 59.2 | 59.0 | 58.8 |
| 40%: | 58.7 | 58.5 | 58.4 | 58.3 | 58.1 | 58.0 | 57.9 | 57.8 | 57.7 | 57.6 |
| 50%: | 57.5 | 57.4 | 57.3 | 57.3 | 57.2 | 57.1 | 57.0 | 57.0 | 56.9 | 56.8 |
| 60%: | 56.8 | 56.7 | 56.7 | 56.6 | 56.6 | 56.5 | 56.5 | 56.5 | 56.4 | 56.4 |
| 70%: | 56.4 | 56.3 | 56.3 | 56.2 | 56.2 | 56.2 | 56.1 | 56.1 | 56.1 | 56.0 |
| 80%: | 56.0 | 56.0 | 55.9 | 55.9 | 55.9 | 55.8 | 55.8 | 55.8 | 55.7 | 55.7 |

| 90%: | 55.6 | 55.6 | 55.6 | 55.5 | 55.5 | 55.4 | 55.3 | 55.2 | 55.1 | 55.0 |
| 100%: | 54.7 | | | | | | | | | |
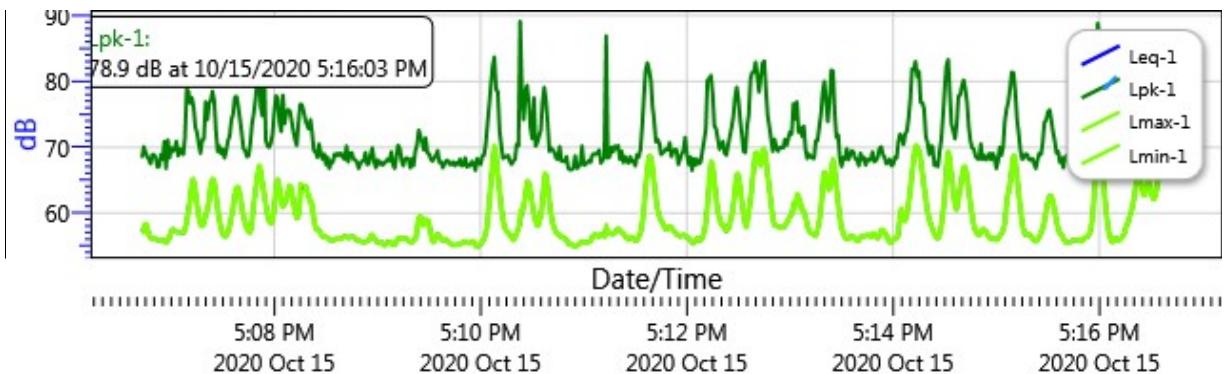
## Exceedance Chart

S276: Exceedance Chart



## Logged Data Chart

S276: Logged Data Chart

# Session Report
**10/20/2020**

## Information Panel

| | |
|---|---|
| Name | S267 |
| Start Time | 10/15/2020 8:17:02 AM |
| Stop Time | 10/15/2020 8:27:02 AM |
| Device Name | BJH100030 |
| Model Type | SoundPro DL |
| Device Firmware Rev | R.13H |
| Comments | |

## Summary Data Panel

| Description | Meter | Value | Description | Meter | Value |
|---|---|---|---|---|---|
| Leq | 1 | 66.6 dB | L1 | 1 | 76.3 dB |
| L10 | 1 | 69.7 dB | L50 | 1 | 63 dB |
| L90 | 1 | 54.2 dB | Lmax | 1 | 82.1 dB |
| Lmin | 1 | 52.6 dB | Lpk | 1 | 95.2 dB |
| Exchange Rate | 1 | 3 dB | Weighting | 1 | A |
| Log Rate | 1 | 1 s | | | |
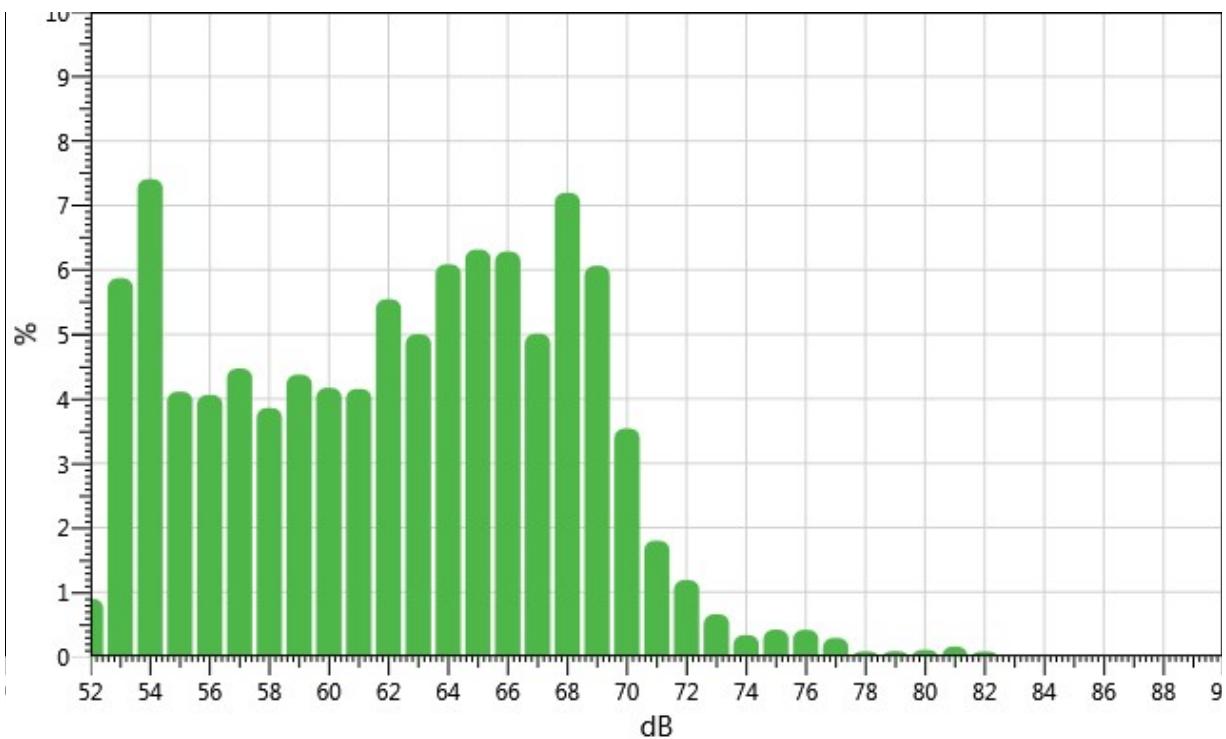
## Statistics Table

| dB: | 0.0 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | % |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 52: | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.05 | 0.16 | 0.30 | 0.38 | 0.90 |
| 53: | 0.40 | 0.33 | 0.22 | 0.31 | 0.36 | 0.51 | 1.08 | 1.16 | 0.83 | 0.66 | 5.87 |
| 54: | 1.16 | 0.87 | 0.93 | 1.13 | 0.88 | 0.45 | 0.49 | 0.55 | 0.58 | 0.36 | 7.41 |
| 55: | 0.48 | 0.34 | 0.40 | 0.36 | 0.31 | 0.43 | 0.66 | 0.46 | 0.38 | 0.29 | 4.11 |
| 56: | 0.35 | 0.30 | 0.46 | 0.38 | 0.40 | 0.49 | 0.33 | 0.41 | 0.45 | 0.49 | 4.06 |
| 57: | 0.70 | 0.60 | 0.36 | 0.38 | 0.46 | 0.38 | 0.35 | 0.35 | 0.38 | 0.51 | 4.47 |
| 58: | 0.40 | 0.35 | 0.33 | 0.37 | 0.40 | 0.41 | 0.52 | 0.36 | 0.34 | 0.36 | 3.86 |
| 59: | 0.32 | 0.34 | 0.37 | 0.35 | 0.35 | 0.47 | 0.47 | 0.57 | 0.54 | 0.59 | 4.38 |
| 60: | 0.57 | 0.52 | 0.34 | 0.45 | 0.40 | 0.41 | 0.37 | 0.36 | 0.38 | 0.37 | 4.17 |
| 61: | 0.44 | 0.45 | 0.36 | 0.35 | 0.39 | 0.38 | 0.44 | 0.39 | 0.42 | 0.54 | 4.15 |
| 62: | 0.61 | 0.54 | 0.59 | 0.46 | 0.57 | 0.61 | 0.69 | 0.56 | 0.51 | 0.40 | 5.54 |
| 63: | 0.50 | 0.59 | 0.36 | 0.54 | 0.67 | 0.38 | 0.41 | 0.45 | 0.52 | 0.58 | 5.00 |
| 64: | 0.59 | 0.56 | 0.46 | 0.52 | 0.61 | 0.75 | 0.52 | 0.73 | 0.68 | 0.66 | 6.09 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 65: | 0.64 | 0.60 | 0.60 | 0.56 | 0.65 | 0.68 | 0.53 | 0.57 | 0.75 | 0.74 | 6.32 |
| 66: | 0.89 | 0.72 | 0.52 | 0.80 | 0.60 | 0.49 | 0.54 | 0.56 | 0.61 | 0.54 | 6.28 |
| 67: | 0.52 | 0.50 | 0.55 | 0.47 | 0.42 | 0.47 | 0.44 | 0.47 | 0.52 | 0.65 | 5.01 |
| 68: | 0.71 | 0.74 | 0.69 | 0.75 | 0.71 | 0.71 | 0.65 | 0.84 | 0.70 | 0.70 | 7.20 |
| 69: | 0.77 | 0.86 | 0.46 | 0.79 | 0.74 | 0.50 | 0.50 | 0.47 | 0.52 | 0.45 | 6.06 |
| 70: | 0.42 | 0.41 | 0.45 | 0.40 | 0.38 | 0.32 | 0.32 | 0.29 | 0.29 | 0.27 | 3.54 |
| 71: | 0.25 | 0.20 | 0.18 | 0.14 | 0.17 | 0.18 | 0.24 | 0.18 | 0.12 | 0.13 | 1.80 |
| 72: | 0.16 | 0.13 | 0.13 | 0.14 | 0.11 | 0.13 | 0.08 | 0.08 | 0.10 | 0.13 | 1.19 |
| 73: | 0.11 | 0.05 | 0.05 | 0.07 | 0.07 | 0.07 | 0.08 | 0.06 | 0.04 | 0.05 | 0.66 |
| 74: | 0.05 | 0.03 | 0.03 | 0.04 | 0.03 | 0.02 | 0.04 | 0.03 | 0.04 | 0.03 | 0.33 |
| 75: | 0.05 | 0.07 | 0.05 | 0.04 | 0.04 | 0.04 | 0.03 | 0.03 | 0.03 | 0.03 | 0.42 |
| 76: | 0.04 | 0.04 | 0.06 | 0.04 | 0.06 | 0.02 | 0.02 | 0.04 | 0.05 | 0.04 | 0.41 |
| 77: | 0.05 | 0.05 | 0.10 | 0.04 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.29 |
| 78: | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.08 |
| 79: | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.08 |
| 80: | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.10 |
| 81: | 0.01 | 0.02 | 0.01 | 0.01 | 0.01 | 0.02 | 0.02 | 0.02 | 0.01 | 0.03 | 0.15 |
| 82: | 0.05 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 |

## Statistics Chart

S267: Statistics Chart
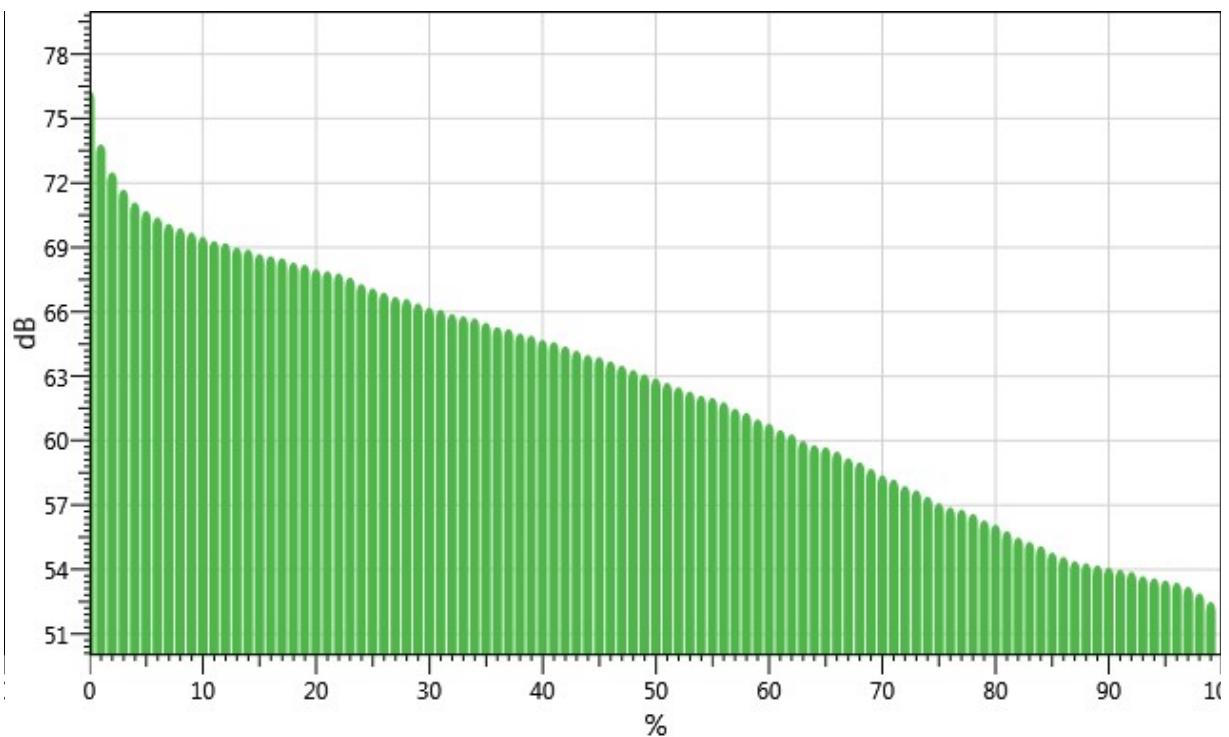
# Exceedance Table

| . | 0% | 1% | 2% | 3% | 4% | 5% | 6% | %7 | %8 | %9 |
|---|---|---|---|---|---|---|---|---|---|---|
| 0%: | | 76.3 | 73.8 | 72.5 | 71.7 | 71.1 | 70.7 | 70.4 | 70.1 | 69.9 |
| 10%: | 69.7 | 69.5 | 69.3 | 69.2 | 69.0 | 68.9 | 68.7 | 68.6 | 68.5 | 68.3 |
| 20%: | 68.2 | 68.0 | 67.9 | 67.8 | 67.6 | 67.3 | 67.1 | 66.9 | 66.7 | 66.6 |
| 30%: | 66.4 | 66.2 | 66.1 | 65.9 | 65.8 | 65.7 | 65.5 | 65.3 | 65.2 | 65.0 |
| 40%: | 64.9 | 64.7 | 64.6 | 64.4 | 64.2 | 64.0 | 63.9 | 63.7 | 63.5 | 63.3 |
| 50%: | 63.1 | 62.9 | 62.7 | 62.5 | 62.3 | 62.1 | 62.0 | 61.8 | 61.5 | 61.3 |
| 60%: | 61.0 | 60.8 | 60.5 | 60.3 | 60.0 | 59.8 | 59.7 | 59.5 | 59.2 | 59.0 |
| 70%: | 58.7 | 58.4 | 58.2 | 57.9 | 57.7 | 57.4 | 57.1 | 56.9 | 56.8 | 56.6 |
| 80%: | 56.3 | 56.1 | 55.8 | 55.5 | 55.3 | 55.1 | 54.8 | 54.6 | 54.4 | 54.3 |
| 90%: | 54.2 | 54.1 | 54.0 | 53.9 | 53.7 | 53.6 | 53.5 | 53.4 | 53.2 | 52.9 |
| 100%: | 52.5 | | | | | | | | | |
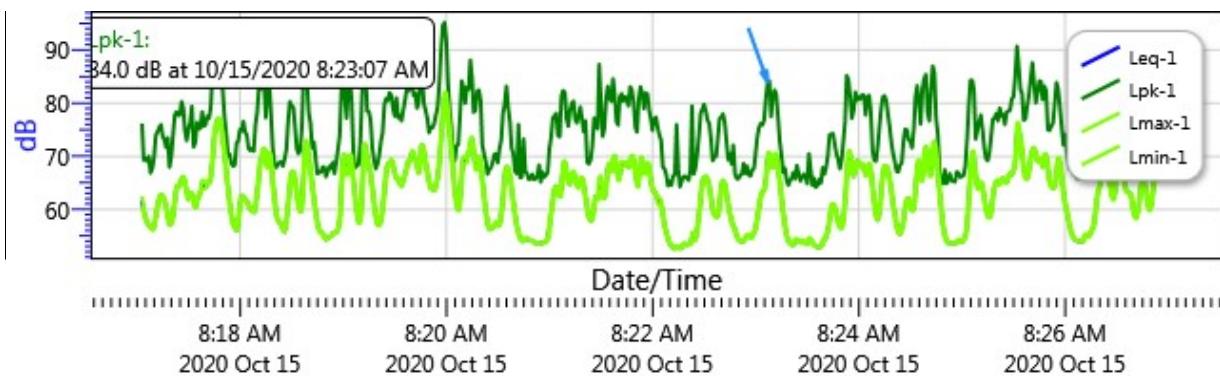
# Exceedance Chart

S267: Exceedance Chart

# Logged Data Chart

S267: Logged Data Chart                                          I-31



S267: Logged Data Chart

# Session Report

**10/20/2020**

## Information Panel

| | |
|---|---|
| Name | S277 |
| Start Time | 10/15/2020 5:19:26 PM |
| Stop Time | 10/15/2020 5:29:26 PM |
| Device Name | BJH100030 |
| Model Type | SoundPro DL |
| Device Firmware Rev | R.13H |
| Comments | |

## Summary Data Panel

| Description | Meter | Value | Description | Meter | Value |
|---|---|---|---|---|---|
| Leq | 1 | 64.2 dB | L1 | 1 | 71.6 dB |
| L10 | 1 | 67.7 dB | L50 | 1 | 61.9 dB |
| L90 | 1 | 54.1 dB | Lmax | 1 | 76.4 dB |
| Lmin | 1 | 51.6 dB | Lpk | 1 | 92 dB |
| Exchange Rate | 1 | 3 dB | Weighting | 1 | A |
| Log Rate | 1 | 1 s | | | |
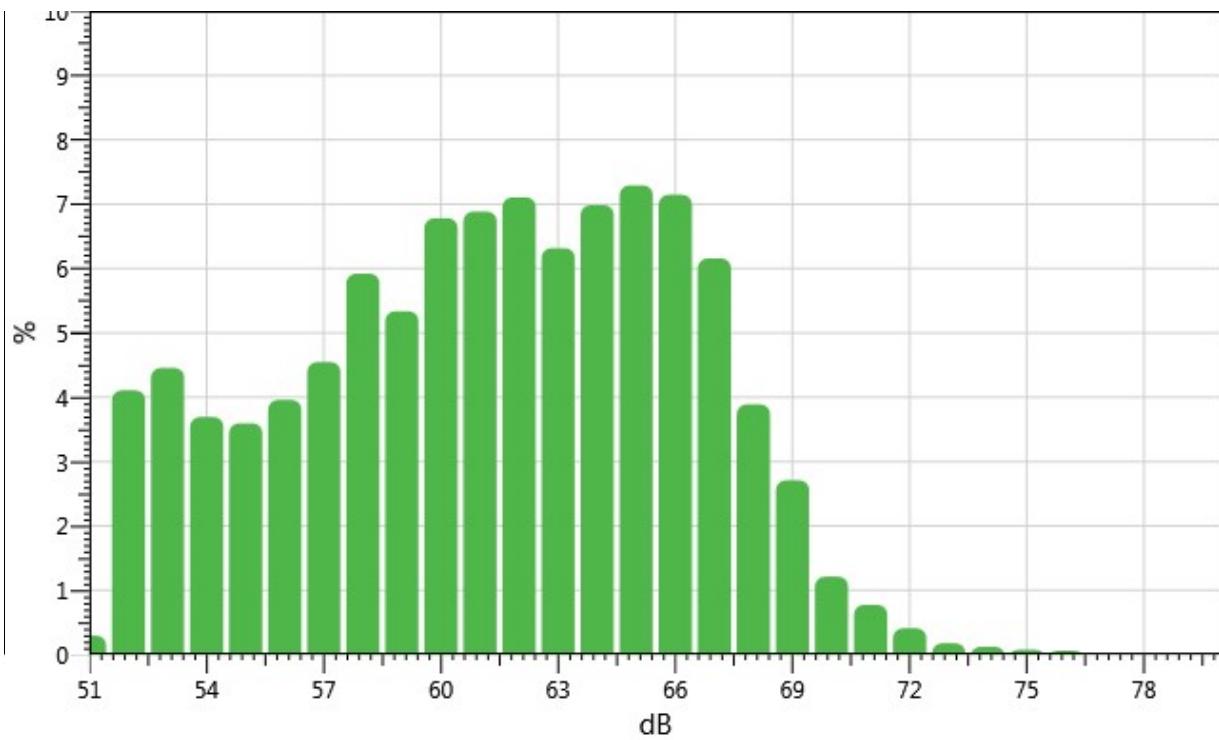
## Statistics Table

| dB: | 0.0 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | % |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 51: | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.07 | 0.15 | 0.29 |
| 52: | 0.21 | 0.36 | 0.33 | 0.27 | 0.39 | 0.40 | 0.60 | 0.72 | 0.46 | 0.37 | 4.11 |
| 53: | 0.46 | 0.34 | 0.38 | 0.30 | 0.42 | 0.52 | 0.54 | 0.57 | 0.37 | 0.56 | 4.46 |
| 54: | 0.53 | 0.42 | 0.31 | 0.33 | 0.33 | 0.26 | 0.28 | 0.39 | 0.50 | 0.35 | 3.69 |
| 55: | 0.51 | 0.50 | 0.34 | 0.33 | 0.32 | 0.28 | 0.35 | 0.30 | 0.32 | 0.35 | 3.59 |
| 56: | 0.41 | 0.47 | 0.39 | 0.34 | 0.40 | 0.39 | 0.30 | 0.38 | 0.47 | 0.41 | 3.96 |
| 57: | 0.57 | 0.49 | 0.31 | 0.45 | 0.37 | 0.39 | 0.47 | 0.41 | 0.48 | 0.61 | 4.55 |
| 58: | 0.56 | 0.51 | 0.62 | 0.66 | 0.73 | 0.59 | 0.52 | 0.63 | 0.56 | 0.54 | 5.92 |
| 59: | 0.54 | 0.54 | 0.57 | 0.52 | 0.50 | 0.46 | 0.50 | 0.50 | 0.64 | 0.57 | 5.34 |
| 60: | 0.91 | 0.77 | 0.42 | 0.66 | 0.60 | 0.59 | 0.68 | 0.76 | 0.71 | 0.67 | 6.78 |
| 61: | 0.66 | 0.61 | 0.64 | 0.67 | 0.67 | 0.80 | 0.89 | 0.62 | 0.66 | 0.67 | 6.89 |
| 62: | 0.60 | 0.65 | 0.78 | 0.76 | 0.86 | 0.74 | 0.73 | 0.62 | 0.71 | 0.64 | 7.11 |
| 63: | 0.78 | 0.75 | 0.43 | 0.66 | 0.60 | 0.70 | 0.63 | 0.57 | 0.59 | 0.60 | 6.32 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 64: | 0.66 | 0.66 | 0.70 | 0.68 | 0.60 | 0.81 | 0.77 | 0.75 | 0.69 | 0.67 | 6.98 |
| 65: | 0.64 | 0.72 | 0.76 | 0.69 | 0.71 | 0.74 | 0.73 | 0.79 | 0.74 | 0.77 | 7.29 |
| 66: | 0.90 | 0.79 | 0.54 | 0.73 | 0.82 | 0.92 | 0.76 | 0.61 | 0.53 | 0.56 | 7.15 |
| 67: | 0.52 | 0.54 | 0.54 | 0.67 | 0.74 | 0.82 | 0.68 | 0.59 | 0.61 | 0.45 | 6.16 |
| 68: | 0.48 | 0.51 | 0.48 | 0.40 | 0.43 | 0.35 | 0.33 | 0.28 | 0.27 | 0.35 | 3.89 |
| 69: | 0.34 | 0.40 | 0.26 | 0.36 | 0.32 | 0.25 | 0.22 | 0.20 | 0.21 | 0.16 | 2.71 |
| 70: | 0.13 | 0.11 | 0.11 | 0.10 | 0.10 | 0.11 | 0.11 | 0.12 | 0.17 | 0.15 | 1.21 |
| 71: | 0.14 | 0.14 | 0.08 | 0.08 | 0.07 | 0.04 | 0.05 | 0.05 | 0.05 | 0.08 | 0.77 |
| 72: | 0.06 | 0.06 | 0.02 | 0.04 | 0.03 | 0.04 | 0.04 | 0.04 | 0.04 | 0.03 | 0.41 |
| 73: | 0.04 | 0.03 | 0.02 | 0.02 | 0.03 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.18 |
| 74: | 0.01 | 0.01 | 0.02 | 0.02 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.12 |
| 75: | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.08 |
| 76: | 0.01 | 0.02 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.06 |

## Statistics Chart

S277: Statistics Chart
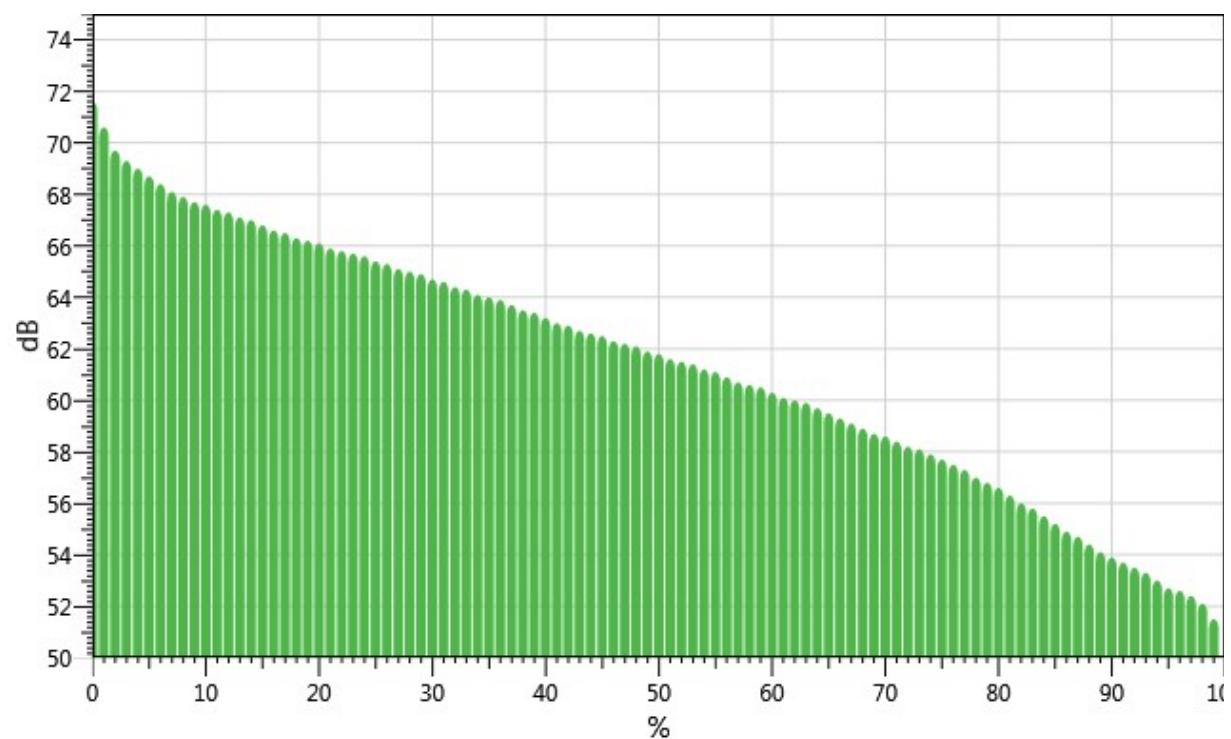


## Exceedance Table

| . | 0% | 1% | 2% | 3% | 4% | 5% | 6% | %7 | %8 | %9 |
|---|---|---|---|---|---|---|---|---|---|---|
| 0%: | | 71.6 | 70.6 | 69.7 | 69.3 | 69.0 | 68.7 | 68.4 | 68.1 | 67.9 |
| 10%: | 67.7 | 67.6 | 67.4 | 67.3 | 67.1 | 67.0 | 66.8 | 66.6 | 66.5 | 66.3 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 20%: | 66.2 | 66.1 | 65.9 | 65.8 | 65.7 | 65.6 | 65.4 | 65.3 | 65.1 | 65.0 |
| 30%: | 64.9 | 64.7 | 64.6 | 64.4 | 64.3 | 64.1 | 64.0 | 63.9 | 63.7 | 63.5 |
| 40%: | 63.4 | 63.2 | 63.0 | 62.9 | 62.7 | 62.6 | 62.5 | 62.3 | 62.2 | 62.1 |
| 50%: | 61.9 | 61.8 | 61.6 | 61.5 | 61.4 | 61.2 | 61.1 | 60.9 | 60.7 | 60.6 |
| 60%: | 60.5 | 60.3 | 60.1 | 60.0 | 59.9 | 59.7 | 59.5 | 59.3 | 59.1 | 58.9 |
| 70%: | 58.7 | 58.6 | 58.4 | 58.2 | 58.1 | 57.9 | 57.7 | 57.5 | 57.3 | 57.0 |
| 80%: | 56.8 | 56.6 | 56.3 | 56.0 | 55.8 | 55.5 | 55.2 | 54.9 | 54.7 | 54.4 |
| 90%: | 54.1 | 53.9 | 53.7 | 53.5 | 53.3 | 53.0 | 52.7 | 52.6 | 52.4 | 52.1 |
| 100%: | 51.5 | | | | | | | | | |
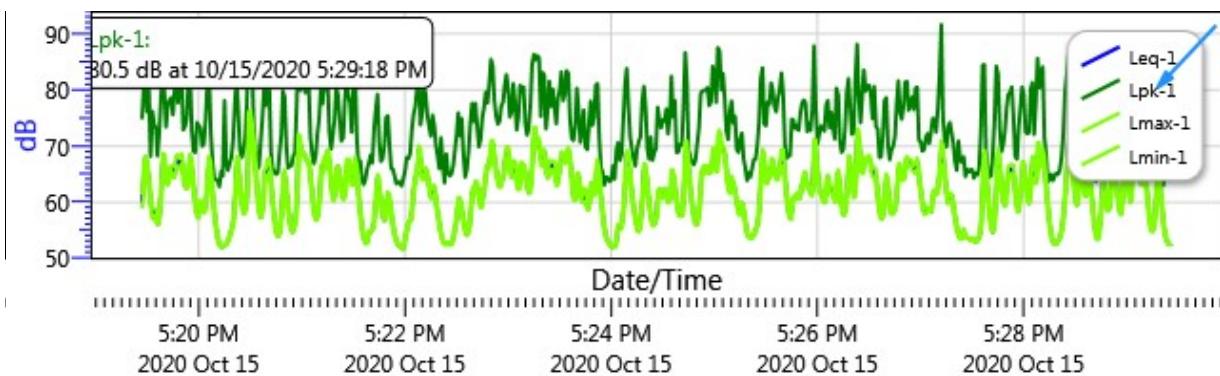
## Exceedance Chart

S277: Exceedance Chart

# Logged Data Chart

S277: Logged Data Chart                               I-35



S277: Logged Data Chart

# Session Report

**10/20/2020**

## Information Panel

| | |
|---|---|
| Name | S268 |
| Start Time | 10/15/2020 8:36:04 AM |
| Stop Time | 10/15/2020 8:46:04 AM |
| Device Name | BJH100030 |
| Model Type | SoundPro DL |
| Device Firmware Rev | R.13H |
| Comments | |

## Summary Data Panel

| Description | Meter | Value | Description | Meter | Value |
|---|---|---|---|---|---|
| Leq | 1 | 58.9 dB | L1 | 1 | 66.1 dB |
| L10 | 1 | 62.6 dB | L50 | 1 | 57.6 dB |
| L90 | 1 | 46.7 dB | Lmax | 1 | 69.1 dB |
| Lmin | 1 | 43.3 dB | Lpk | 1 | 93.4 dB |
| Exchange Rate | 1 | 3 dB | Weighting | 1 | A |
| Log Rate | 1 | 1 s | | | |
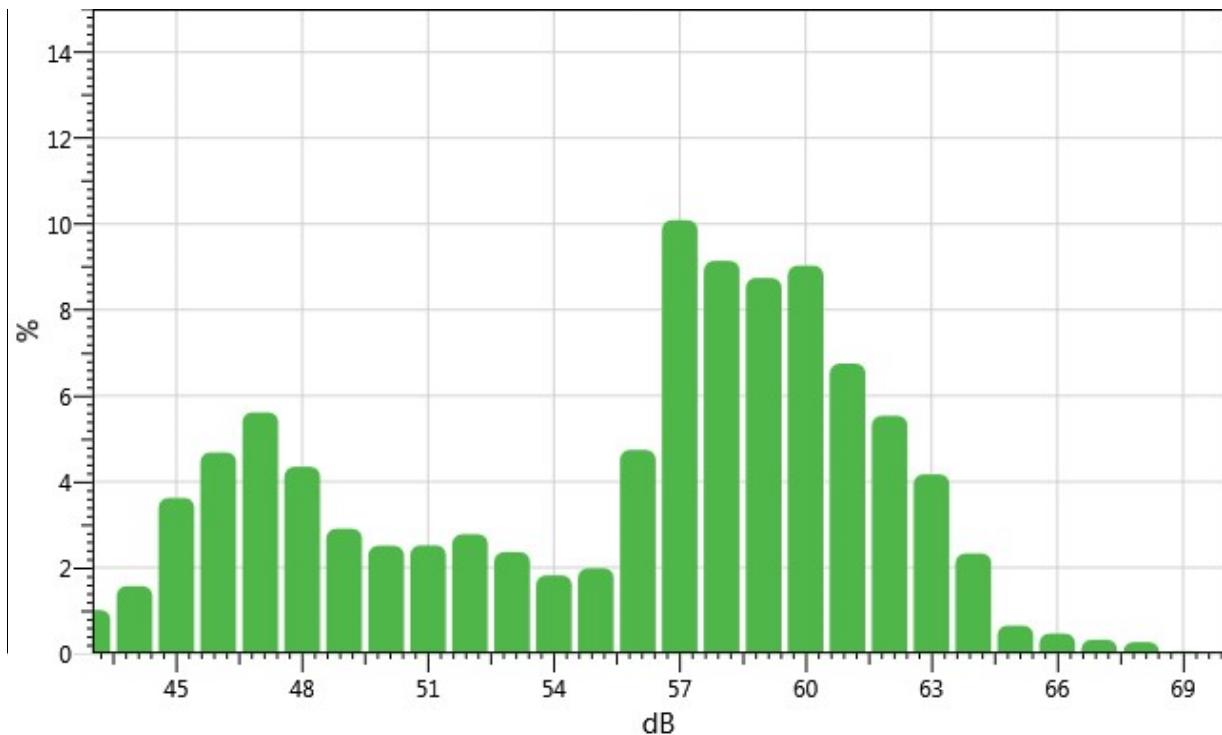
## Statistics Table

| dB: | 0.0 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | % |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 43: | 0.00 | 0.00 | 0.00 | 0.06 | 0.09 | 0.25 | 0.16 | 0.09 | 0.16 | 0.20 | 1.01 |
| 44: | 0.28 | 0.15 | 0.16 | 0.00 | 0.20 | 0.13 | 0.11 | 0.14 | 0.21 | 0.20 | 1.57 |
| 45: | 0.28 | 0.32 | 0.51 | 0.58 | 0.54 | 0.38 | 0.21 | 0.39 | 0.00 | 0.42 | 3.62 |
| 46: | 0.53 | 0.52 | 0.44 | 0.50 | 0.27 | 0.34 | 0.50 | 0.62 | 0.51 | 0.46 | 4.68 |
| 47: | 0.50 | 0.54 | 0.57 | 0.36 | 0.53 | 0.66 | 0.67 | 0.43 | 0.55 | 0.81 | 5.61 |
| 48: | 0.63 | 0.63 | 0.43 | 0.39 | 0.46 | 0.47 | 0.32 | 0.34 | 0.34 | 0.34 | 4.35 |
| 49: | 0.24 | 0.42 | 0.36 | 0.29 | 0.30 | 0.00 | 0.38 | 0.30 | 0.32 | 0.31 | 2.90 |
| 50: | 0.27 | 0.28 | 0.32 | 0.31 | 0.26 | 0.21 | 0.20 | 0.22 | 0.23 | 0.21 | 2.51 |
| 51: | 0.19 | 0.15 | 0.23 | 0.33 | 0.39 | 0.23 | 0.22 | 0.26 | 0.24 | 0.28 | 2.52 |
| 52: | 0.20 | 0.21 | 0.28 | 0.19 | 0.34 | 0.28 | 0.38 | 0.31 | 0.32 | 0.26 | 2.78 |
| 53: | 0.25 | 0.23 | 0.22 | 0.22 | 0.22 | 0.25 | 0.27 | 0.24 | 0.24 | 0.21 | 2.36 |
| 54: | 0.28 | 0.20 | 0.14 | 0.18 | 0.17 | 0.16 | 0.17 | 0.17 | 0.18 | 0.17 | 1.82 |
| 55: | 0.16 | 0.16 | 0.15 | 0.18 | 0.18 | 0.22 | 0.26 | 0.18 | 0.25 | 0.23 | 1.98 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 56: | 0.20 | 0.23 | 0.35 | 0.41 | 0.49 | 0.42 | 0.49 | 0.67 | 0.71 | 0.78 | 4.74 |
| 57: | 0.87 | 0.84 | 0.76 | 1.09 | 1.21 | 1.14 | 1.02 | 1.10 | 1.14 | 0.92 | 10.09 |
| 58: | 1.00 | 0.94 | 1.02 | 1.11 | 1.18 | 1.00 | 0.80 | 0.77 | 0.72 | 0.58 | 9.14 |
| 59: | 0.77 | 1.01 | 0.73 | 0.67 | 0.81 | 0.80 | 0.72 | 1.04 | 1.32 | 0.88 | 8.74 |
| 60: | 1.04 | 1.09 | 0.67 | 1.09 | 0.95 | 1.03 | 0.91 | 0.81 | 0.64 | 0.80 | 9.03 |
| 61: | 0.76 | 0.88 | 0.52 | 0.54 | 0.57 | 0.63 | 0.61 | 0.70 | 0.83 | 0.69 | 6.75 |
| 62: | 0.46 | 0.57 | 0.72 | 0.57 | 0.48 | 0.48 | 0.42 | 0.73 | 0.60 | 0.51 | 5.53 |
| 63: | 0.36 | 0.58 | 0.34 | 0.55 | 0.54 | 0.52 | 0.40 | 0.28 | 0.25 | 0.35 | 4.17 |
| 64: | 0.38 | 0.45 | 0.36 | 0.28 | 0.22 | 0.23 | 0.21 | 0.09 | 0.06 | 0.06 | 2.33 |
| 65: | 0.09 | 0.09 | 0.06 | 0.05 | 0.08 | 0.06 | 0.07 | 0.09 | 0.03 | 0.04 | 0.65 |
| 66: | 0.04 | 0.04 | 0.03 | 0.05 | 0.08 | 0.06 | 0.06 | 0.05 | 0.02 | 0.03 | 0.46 |
| 67: | 0.03 | 0.03 | 0.03 | 0.03 | 0.04 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.32 |
| 68: | 0.05 | 0.07 | 0.02 | 0.01 | 0.01 | 0.02 | 0.02 | 0.02 | 0.02 | 0.03 | 0.27 |
| 69: | 0.04 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.06 |

## Statistics Chart

S268: Statistics Chart
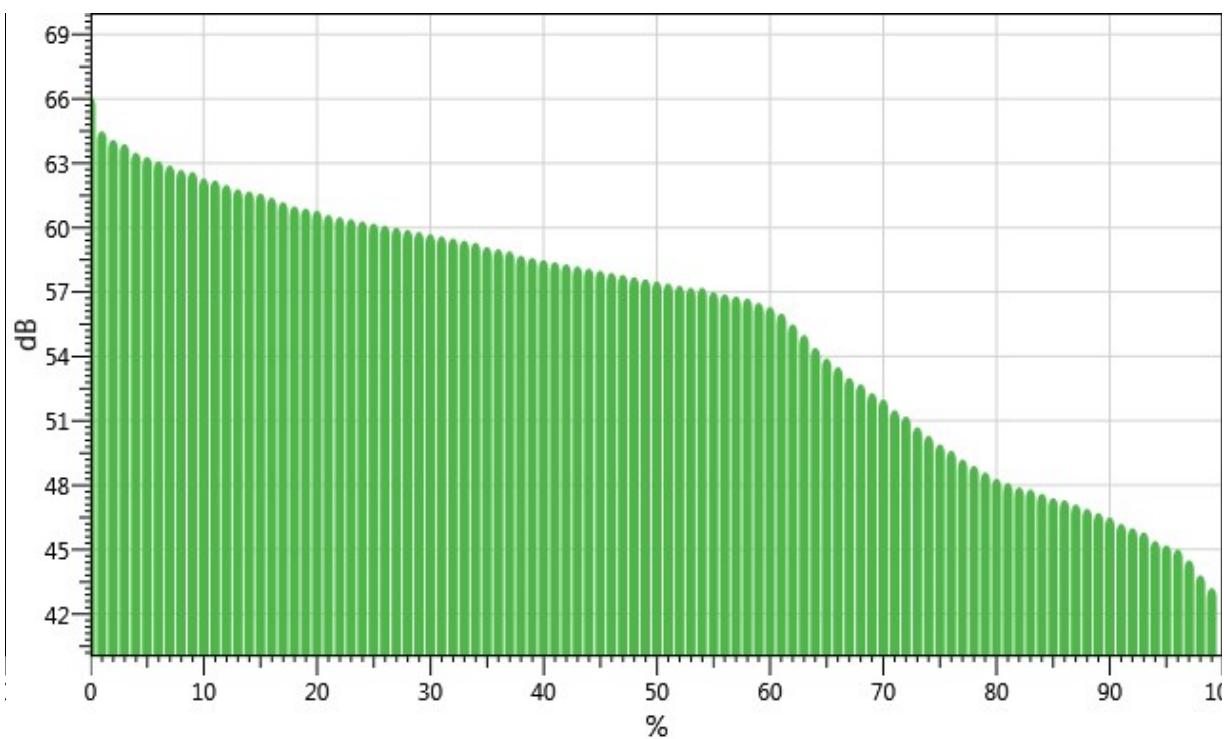


## Exceedance Table

| . | 0% | 1% | 2% | 3% | 4% | 5% | 6% | %7 | %8 | %9 |
|---|---|---|---|---|---|---|---|---|---|---|
| 0%: | | 66.1 | 64.5 | 64.1 | 63.9 | 63.5 | 63.3 | 63.1 | 62.9 | 62.7 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 10%: | 62.6 | 62.3 | 62.2 | 62.0 | 61.8 | 61.7 | 61.6 | 61.4 | 61.2 | 61.0 |
| 20%: | 60.9 | 60.8 | 60.6 | 60.5 | 60.4 | 60.3 | 60.2 | 60.1 | 60.0 | 59.9 |
| 30%: | 59.8 | 59.7 | 59.6 | 59.5 | 59.4 | 59.3 | 59.1 | 59.0 | 58.9 | 58.7 |
| 40%: | 58.6 | 58.5 | 58.4 | 58.3 | 58.2 | 58.1 | 58.0 | 57.9 | 57.8 | 57.7 |
| 50%: | 57.6 | 57.5 | 57.4 | 57.3 | 57.2 | 57.2 | 57.0 | 56.9 | 56.8 | 56.7 |
| 60%: | 56.5 | 56.3 | 56.0 | 55.5 | 55.0 | 54.4 | 53.9 | 53.5 | 53.0 | 52.7 |
| 70%: | 52.3 | 52.0 | 51.5 | 51.2 | 50.7 | 50.3 | 49.9 | 49.6 | 49.2 | 48.9 |
| 80%: | 48.6 | 48.3 | 48.1 | 47.9 | 47.8 | 47.6 | 47.4 | 47.3 | 47.1 | 46.9 |
| 90%: | 46.7 | 46.5 | 46.2 | 46.0 | 45.8 | 45.4 | 45.2 | 45.0 | 44.5 | 43.8 |
| 100%: | 43.2 | | | | | | | | | |
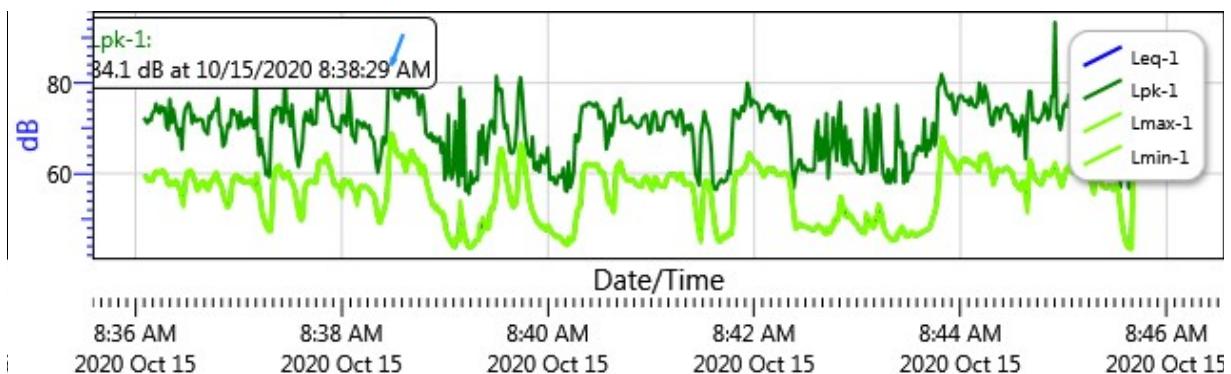
## Exceedance Chart

S268: Exceedance Chart



Page 3

# Logged Data Chart

S268: Logged Data Chart

# Session Report

**10/20/2020**

## Information Panel

| | |
|---|---|
| Name | S278 |
| Start Time | 10/15/2020 5:35:48 PM |
| Stop Time | 10/15/2020 5:45:48 PM |
| Device Name | BJH100030 |
| Model Type | SoundPro DL |
| Device Firmware Rev | R.13H |
| Comments | |

## Summary Data Panel

| Description | Meter | Value | Description | Meter | Value |
|---|---|---|---|---|---|
| Leq | 1 | 53 dB | L1 | 1 | 63.2 dB |
| L10 | 1 | 56.5 dB | L50 | 1 | 47.4 dB |
| L90 | 1 | 44.1 dB | Lmax | 1 | 66.3 dB |
| Lmin | 1 | 42.6 dB | Lpk | 1 | 81 dB |
| Exchange Rate | 1 | 3 dB | Weighting | 1 | A |
| Log Rate | 1 | 1 s | | | |
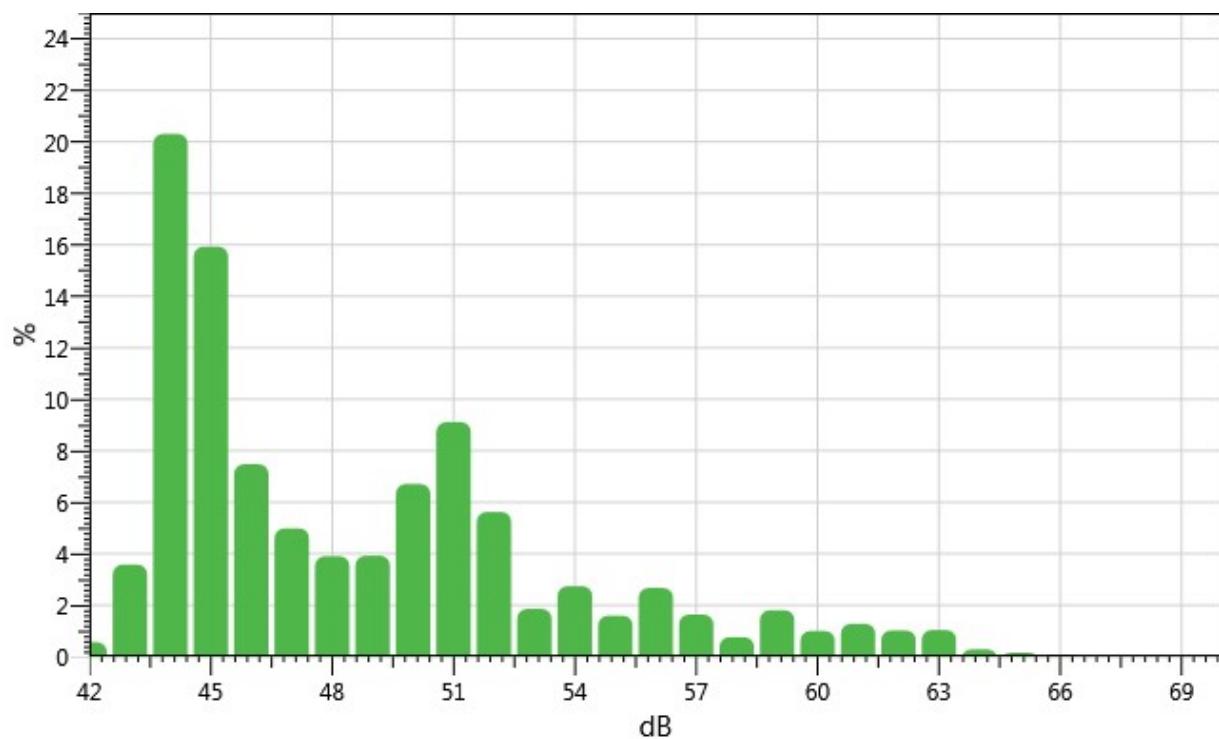
## Statistics Table

| dB: | 0.0 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | % |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 42: | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.13 | 0.14 | 0.17 | 0.13 | 0.57 |
| 43: | 0.11 | 0.14 | 0.00 | 0.34 | 0.57 | 0.57 | 0.35 | 0.28 | 0.54 | 0.68 | 3.58 |
| 44: | 1.89 | 2.55 | 2.05 | 0.00 | 2.05 | 2.13 | 2.12 | 2.45 | 3.09 | 1.98 | 20.31 |
| 45: | 2.52 | 2.24 | 1.93 | 1.45 | 1.73 | 1.72 | 1.51 | 1.39 | 0.00 | 1.42 | 15.93 |
| 46: | 1.06 | 0.91 | 0.79 | 1.01 | 1.09 | 0.56 | 0.37 | 0.62 | 0.64 | 0.43 | 7.47 |
| 47: | 0.35 | 0.43 | 0.36 | 0.36 | 0.51 | 0.48 | 0.62 | 0.58 | 0.64 | 0.64 | 4.98 |
| 48: | 0.31 | 0.53 | 0.55 | 0.34 | 0.31 | 0.34 | 0.37 | 0.34 | 0.37 | 0.43 | 3.90 |
| 49: | 0.39 | 0.44 | 0.30 | 0.27 | 0.27 | 0.00 | 0.43 | 0.51 | 0.63 | 0.68 | 3.92 |
| 50: | 0.66 | 0.66 | 0.90 | 0.98 | 0.43 | 0.35 | 0.38 | 0.57 | 0.98 | 0.80 | 6.71 |
| 51: | 0.47 | 0.76 | 0.67 | 0.59 | 0.96 | 1.02 | 1.19 | 1.21 | 1.14 | 1.11 | 9.11 |
| 52: | 0.76 | 0.42 | 0.43 | 0.47 | 0.70 | 0.66 | 0.83 | 0.57 | 0.52 | 0.26 | 5.62 |
| 53: | 0.16 | 0.16 | 0.17 | 0.15 | 0.15 | 0.14 | 0.12 | 0.15 | 0.29 | 0.35 | 1.85 |
| 54: | 0.25 | 0.12 | 0.23 | 0.30 | 0.41 | 0.45 | 0.35 | 0.30 | 0.20 | 0.13 | 2.74 |

| 55: | 0.17 | 0.24 | 0.21 | 0.14 | 0.13 | 0.14 | 0.14 | 0.14 | 0.13 | 0.14 | 1.59 |
| 56: | 0.15 | 0.23 | 0.25 | 0.22 | 0.27 | 0.32 | 0.30 | 0.27 | 0.37 | 0.30 | 2.67 |
| 57: | 0.42 | 0.32 | 0.10 | 0.14 | 0.14 | 0.13 | 0.13 | 0.09 | 0.10 | 0.06 | 1.63 |
| 58: | 0.07 | 0.06 | 0.07 | 0.07 | 0.06 | 0.07 | 0.07 | 0.06 | 0.06 | 0.19 | 0.76 |
| 59: | 0.16 | 0.15 | 0.12 | 0.15 | 0.17 | 0.24 | 0.24 | 0.17 | 0.27 | 0.13 | 1.80 |
| 60: | 0.31 | 0.22 | 0.09 | 0.07 | 0.04 | 0.05 | 0.05 | 0.05 | 0.05 | 0.06 | 1.00 |
| 61: | 0.06 | 0.09 | 0.09 | 0.12 | 0.17 | 0.08 | 0.16 | 0.15 | 0.19 | 0.17 | 1.27 |
| 62: | 0.18 | 0.08 | 0.10 | 0.16 | 0.08 | 0.14 | 0.04 | 0.04 | 0.04 | 0.16 | 1.02 |
| 63: | 0.23 | 0.14 | 0.04 | 0.16 | 0.20 | 0.12 | 0.08 | 0.02 | 0.02 | 0.02 | 1.03 |
| 64: | 0.03 | 0.02 | 0.02 | 0.03 | 0.03 | 0.02 | 0.03 | 0.03 | 0.03 | 0.05 | 0.29 |
| 65: | 0.04 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 0.02 | 0.02 | 0.16 |
| 66: | 0.02 | 0.02 | 0.01 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 |

## Statistics Chart

S278: Statistics Chart
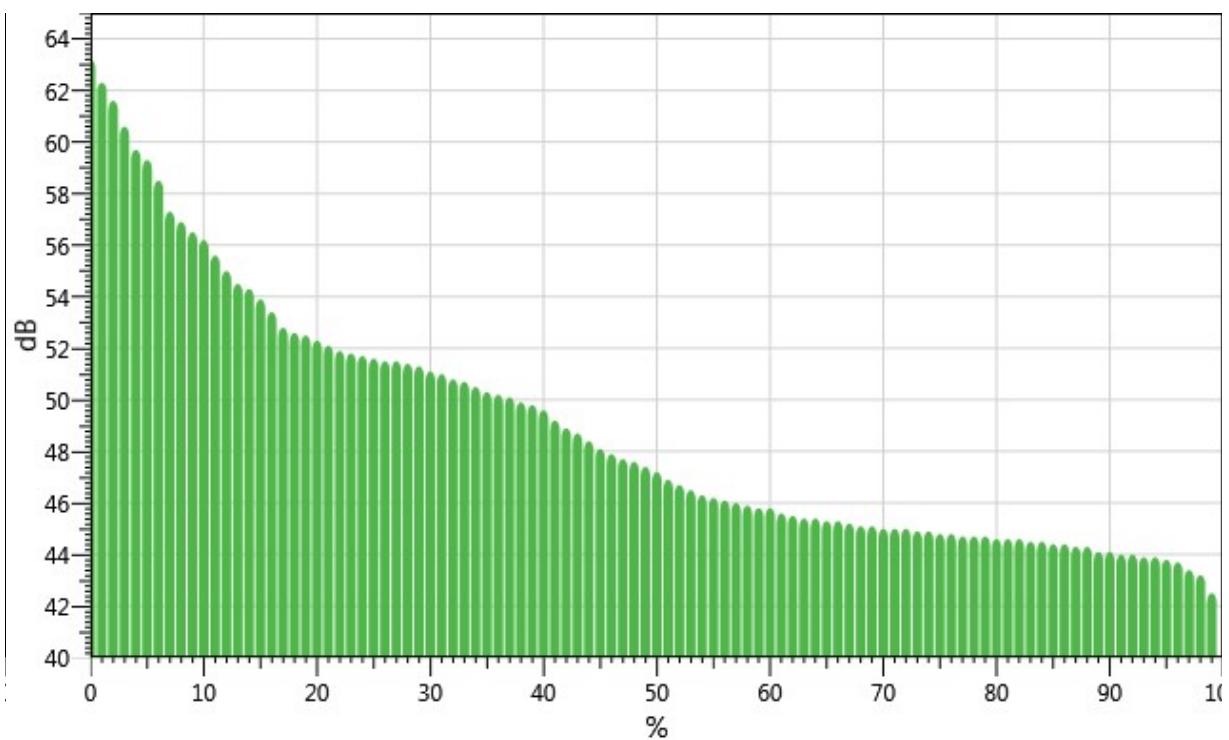


## Exceedance Table

| . | 0% | 1% | 2% | 3% | 4% | 5% | 6% | %7 | %8 | %9 |
|---|----|----|----|----|----|----|----|----|----|----|
| 0%: | | 63.2 | 62.3 | 61.6 | 60.6 | 59.7 | 59.3 | 58.5 | 57.3 | 56.9 |
| 10%: | 56.5 | 56.2 | 55.6 | 55.0 | 54.5 | 54.3 | 53.9 | 53.4 | 52.8 | 52.6 |
| 20%: | 52.5 | 52.3 | 52.1 | 51.9 | 51.8 | 51.7 | 51.6 | 51.5 | 51.5 | 51.4 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 30%: | 51.3 | 51.1 | 51.0 | 50.8 | 50.7 | 50.5 | 50.3 | 50.2 | 50.1 | 49.9 |
| 40%: | 49.8 | 49.6 | 49.2 | 48.9 | 48.7 | 48.4 | 48.1 | 47.9 | 47.7 | 47.6 |
| 50%: | 47.4 | 47.2 | 46.9 | 46.7 | 46.5 | 46.3 | 46.2 | 46.1 | 46.0 | 45.9 |
| 60%: | 45.8 | 45.8 | 45.6 | 45.5 | 45.4 | 45.4 | 45.3 | 45.3 | 45.2 | 45.1 |
| 70%: | 45.1 | 45.0 | 45.0 | 45.0 | 44.9 | 44.9 | 44.8 | 44.8 | 44.7 | 44.7 |
| 80%: | 44.7 | 44.6 | 44.6 | 44.6 | 44.5 | 44.5 | 44.4 | 44.4 | 44.3 | 44.3 |
| 90%: | 44.1 | 44.1 | 44.0 | 44.0 | 43.9 | 43.9 | 43.8 | 43.7 | 43.4 | 43.2 |
| 100%: | 42.5 | | | | | | | | | |
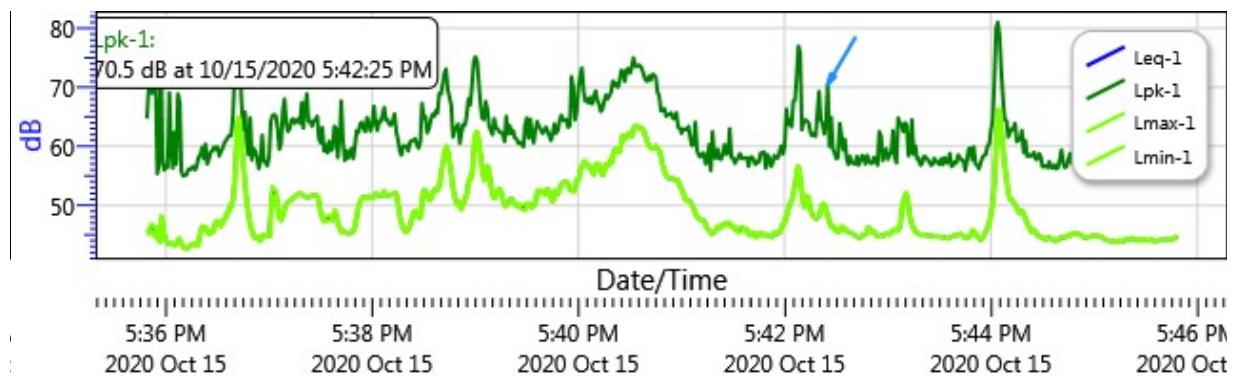
## Exceedance Chart

S278: Exceedance Chart

# Logged Data Chart

S278: Logged Data Chart                                    I-43

# Session Report

**10/20/2020**

## Information Panel

| | |
|---|---|
| Name | S269 |
| Start Time | 10/15/2020 9:02:02 AM |
| Stop Time | 10/15/2020 9:12:02 AM |
| Device Name | BJH100030 |
| Model Type | SoundPro DL |
| Device Firmware Rev | R.13H |
| Comments | |

## Summary Data Panel

| Description | Meter | Value | Description | Meter | Value |
|---|---|---|---|---|---|
| Leq | 1 | 69.9 dB | L1 | 1 | 77.9 dB |
| L10 | 1 | 73.9 dB | L50 | 1 | 66.8 dB |
| L90 | 1 | 55.1 dB | Lmax | 1 | 80.5 dB |
| Lmin | 1 | 49.6 dB | Lpk | 1 | 94.5 dB |
| Exchange Rate | 1 | 3 dB | Weighting | 1 | A |
| Log Rate | 1 | 1 s | | | |
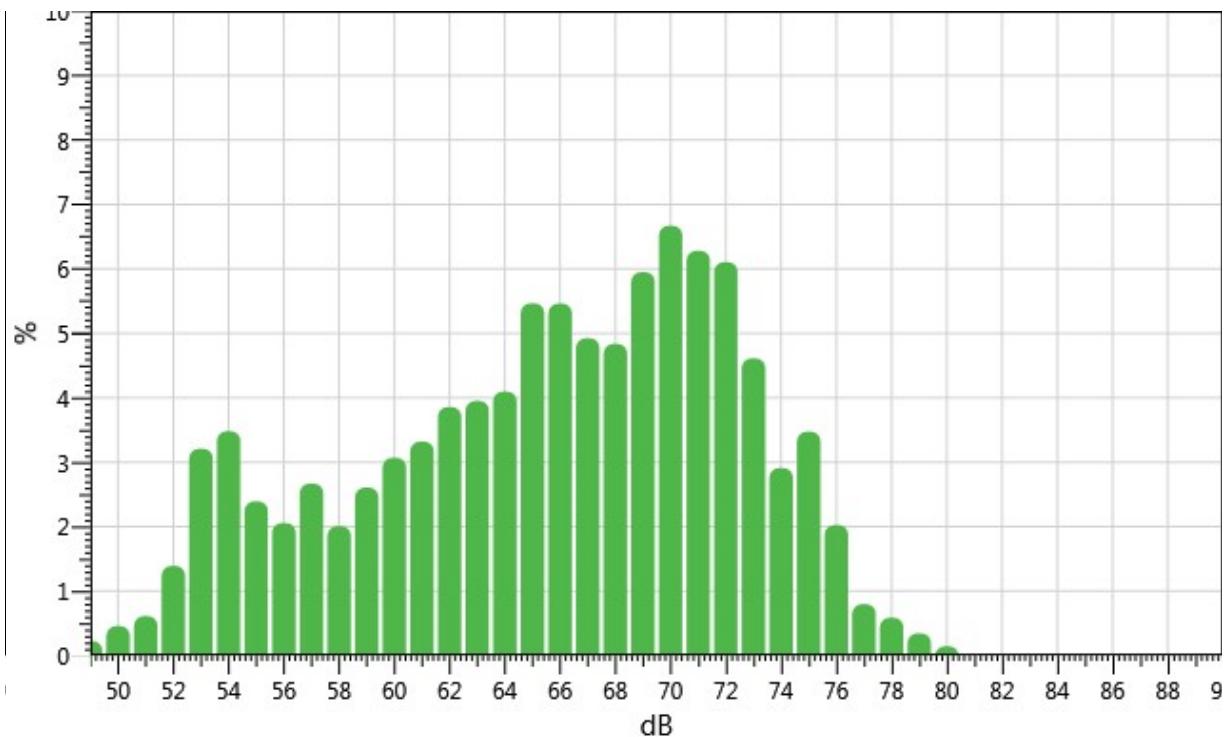
## Statistics Table

| dB: | 0.0 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | % |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 49: | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.08 | 0.03 | 0.08 | 0.23 |
| 50: | 0.06 | 0.04 | 0.03 | 0.10 | 0.07 | 0.06 | 0.03 | 0.02 | 0.02 | 0.03 | 0.46 |
| 51: | 0.03 | 0.02 | 0.02 | 0.04 | 0.12 | 0.16 | 0.06 | 0.05 | 0.05 | 0.05 | 0.61 |
| 52: | 0.04 | 0.04 | 0.07 | 0.05 | 0.05 | 0.21 | 0.21 | 0.26 | 0.22 | 0.23 | 1.39 |
| 53: | 0.25 | 0.23 | 0.22 | 0.16 | 0.25 | 0.44 | 0.52 | 0.36 | 0.40 | 0.38 | 3.21 |
| 54: | 0.37 | 0.38 | 0.45 | 0.35 | 0.40 | 0.37 | 0.37 | 0.30 | 0.23 | 0.27 | 3.48 |
| 55: | 0.24 | 0.31 | 0.27 | 0.23 | 0.21 | 0.18 | 0.23 | 0.26 | 0.23 | 0.23 | 2.39 |
| 56: | 0.25 | 0.29 | 0.18 | 0.20 | 0.17 | 0.18 | 0.18 | 0.22 | 0.22 | 0.17 | 2.06 |
| 57: | 0.18 | 0.28 | 0.21 | 0.36 | 0.28 | 0.29 | 0.33 | 0.23 | 0.26 | 0.25 | 2.67 |
| 58: | 0.21 | 0.21 | 0.20 | 0.24 | 0.18 | 0.23 | 0.23 | 0.17 | 0.17 | 0.17 | 2.01 |
| 59: | 0.15 | 0.16 | 0.16 | 0.17 | 0.23 | 0.38 | 0.30 | 0.29 | 0.42 | 0.34 | 2.61 |
| 60: | 0.27 | 0.41 | 0.17 | 0.27 | 0.35 | 0.32 | 0.35 | 0.35 | 0.29 | 0.29 | 3.07 |
| 61: | 0.26 | 0.26 | 0.32 | 0.34 | 0.35 | 0.41 | 0.38 | 0.29 | 0.33 | 0.38 | 3.32 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 62: | 0.35 | 0.42 | 0.36 | 0.38 | 0.38 | 0.37 | 0.50 | 0.37 | 0.32 | 0.40 | 3.86 |
| 63: | 0.36 | 0.45 | 0.24 | 0.41 | 0.43 | 0.38 | 0.38 | 0.40 | 0.47 | 0.45 | 3.95 |
| 64: | 0.38 | 0.35 | 0.40 | 0.38 | 0.42 | 0.35 | 0.38 | 0.49 | 0.49 | 0.44 | 4.10 |
| 65: | 0.41 | 0.42 | 0.52 | 0.59 | 0.57 | 0.58 | 0.62 | 0.59 | 0.52 | 0.64 | 5.47 |
| 66: | 0.71 | 0.65 | 0.38 | 0.61 | 0.56 | 0.53 | 0.47 | 0.59 | 0.47 | 0.49 | 5.46 |
| 67: | 0.57 | 0.48 | 0.55 | 0.40 | 0.44 | 0.40 | 0.54 | 0.46 | 0.51 | 0.58 | 4.92 |
| 68: | 0.45 | 0.42 | 0.57 | 0.53 | 0.45 | 0.45 | 0.47 | 0.51 | 0.46 | 0.53 | 4.84 |
| 69: | 0.62 | 0.73 | 0.42 | 0.58 | 0.51 | 0.49 | 0.61 | 0.70 | 0.62 | 0.66 | 5.95 |
| 70: | 0.60 | 0.52 | 0.54 | 0.62 | 0.59 | 0.70 | 0.81 | 0.76 | 0.74 | 0.77 | 6.67 |
| 71: | 0.75 | 0.76 | 0.72 | 0.74 | 0.65 | 0.52 | 0.49 | 0.55 | 0.59 | 0.51 | 6.28 |
| 72: | 0.74 | 0.82 | 0.49 | 0.68 | 0.72 | 0.64 | 0.56 | 0.49 | 0.50 | 0.45 | 6.10 |
| 73: | 0.58 | 0.56 | 0.58 | 0.56 | 0.52 | 0.43 | 0.39 | 0.34 | 0.36 | 0.31 | 4.61 |
| 74: | 0.35 | 0.41 | 0.30 | 0.25 | 0.29 | 0.27 | 0.27 | 0.24 | 0.26 | 0.27 | 2.91 |
| 75: | 0.36 | 0.51 | 0.38 | 0.34 | 0.30 | 0.33 | 0.49 | 0.32 | 0.22 | 0.24 | 3.47 |
| 76: | 0.18 | 0.20 | 0.22 | 0.30 | 0.23 | 0.28 | 0.24 | 0.16 | 0.09 | 0.12 | 2.03 |
| 77: | 0.10 | 0.07 | 0.07 | 0.06 | 0.09 | 0.06 | 0.14 | 0.08 | 0.05 | 0.07 | 0.80 |
| 78: | 0.09 | 0.09 | 0.06 | 0.04 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.59 |
| 79: | 0.07 | 0.07 | 0.12 | 0.01 | 0.01 | 0.02 | 0.01 | 0.03 | 0.02 | 0.01 | 0.34 |
| 80: | 0.02 | 0.02 | 0.01 | 0.02 | 0.07 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.15 |

# Statistics Chart

S269: Statistics Chart
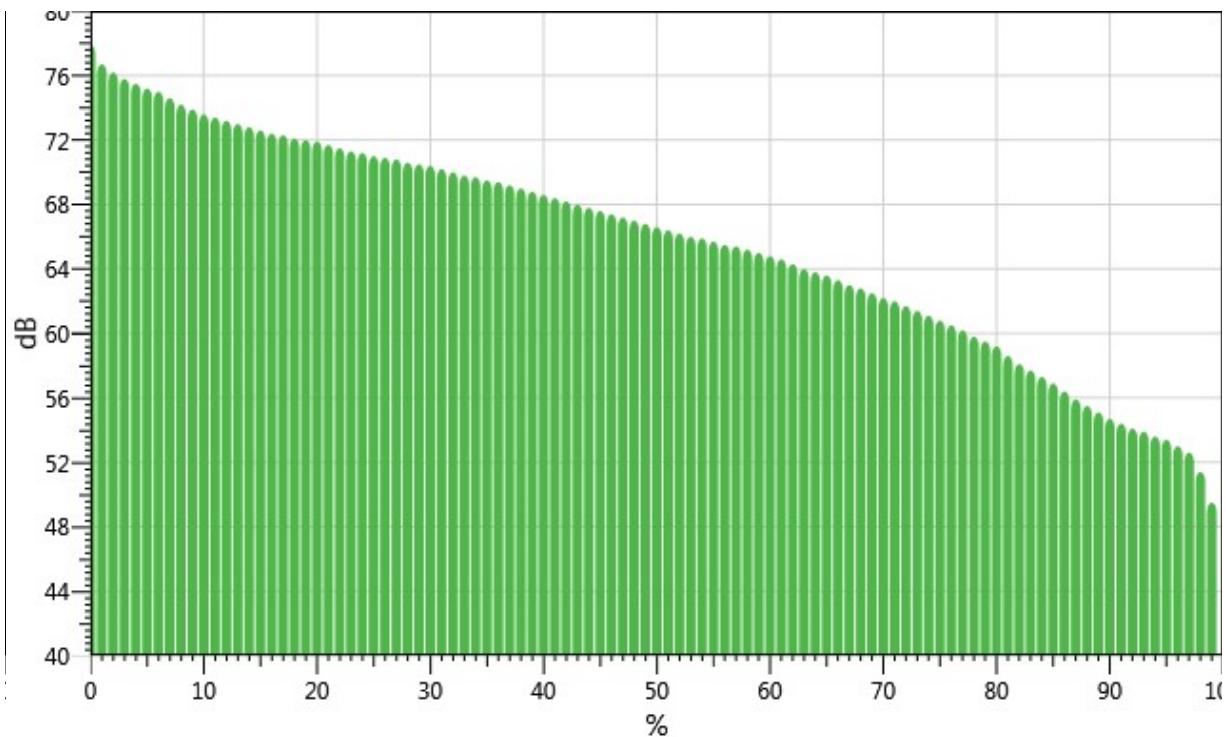


# Exceedance Table

| . | 0% | 1% | 2% | 3% | 4% | 5% | 6% | %7 | %8 | %9 |
|---|---|---|---|---|---|---|---|---|---|---|
| 0%: | | 77.9 | 76.7 | 76.2 | 75.8 | 75.5 | 75.2 | 75.0 | 74.6 | 74.2 |
| 10%: | 73.9 | 73.6 | 73.4 | 73.2 | 73.0 | 72.8 | 72.6 | 72.4 | 72.3 | 72.1 |
| 20%: | 72.0 | 71.9 | 71.7 | 71.5 | 71.3 | 71.2 | 71.0 | 70.9 | 70.8 | 70.6 |
| 30%: | 70.5 | 70.4 | 70.2 | 70.0 | 69.8 | 69.7 | 69.5 | 69.4 | 69.2 | 69.0 |
| 40%: | 68.8 | 68.6 | 68.4 | 68.2 | 68.0 | 67.8 | 67.6 | 67.4 | 67.2 | 67.0 |
| 50%: | 66.8 | 66.6 | 66.4 | 66.2 | 66.0 | 65.9 | 65.7 | 65.5 | 65.4 | 65.2 |
| 60%: | 65.0 | 64.8 | 64.6 | 64.3 | 64.0 | 63.8 | 63.6 | 63.3 | 63.0 | 62.8 |
| 70%: | 62.5 | 62.2 | 62.0 | 61.7 | 61.4 | 61.1 | 60.8 | 60.5 | 60.2 | 59.8 |
| 80%: | 59.5 | 59.2 | 58.6 | 58.1 | 57.7 | 57.3 | 56.9 | 56.4 | 55.9 | 55.5 |
| 90%: | 55.1 | 54.7 | 54.4 | 54.1 | 53.9 | 53.6 | 53.4 | 53.0 | 52.6 | 51.4 |
| 100%: | 49.5 | | | | | | | | | |
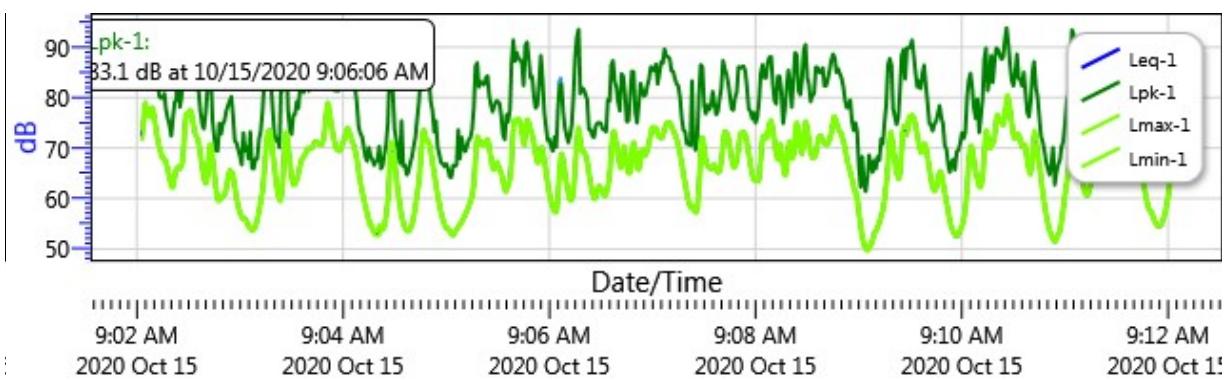
# Exceedance Chart

# Logged Data Chart

S269: Logged Data Chart

# Session Report
**10/20/2020**

## Information Panel

| | |
|---|---|
| Name | S272 |
| Start Time | 10/15/2020 4:07:47 PM |
| Stop Time | 10/15/2020 4:17:47 PM |
| Device Name | BJH100030 |
| Model Type | SoundPro DL |
| Device Firmware Rev | R.13H |
| Comments | |

## Summary Data Panel

| Description | Meter | Value | Description | Meter | Value |
|---|---|---|---|---|---|
| Leq | 1 | 70.4 dB | L1 | 1 | 77 dB |
| L10 | 1 | 74 dB | L50 | 1 | 68.7 dB |
| L90 | 1 | 57.9 dB | Lmax | 1 | 82.3 dB |
| Lmin | 1 | 48.9 dB | Lpk | 1 | 97.8 dB |
| Exchange Rate | 1 | 3 dB | Weighting | 1 | A |
| Log Rate | 1 | 1 s | | | |
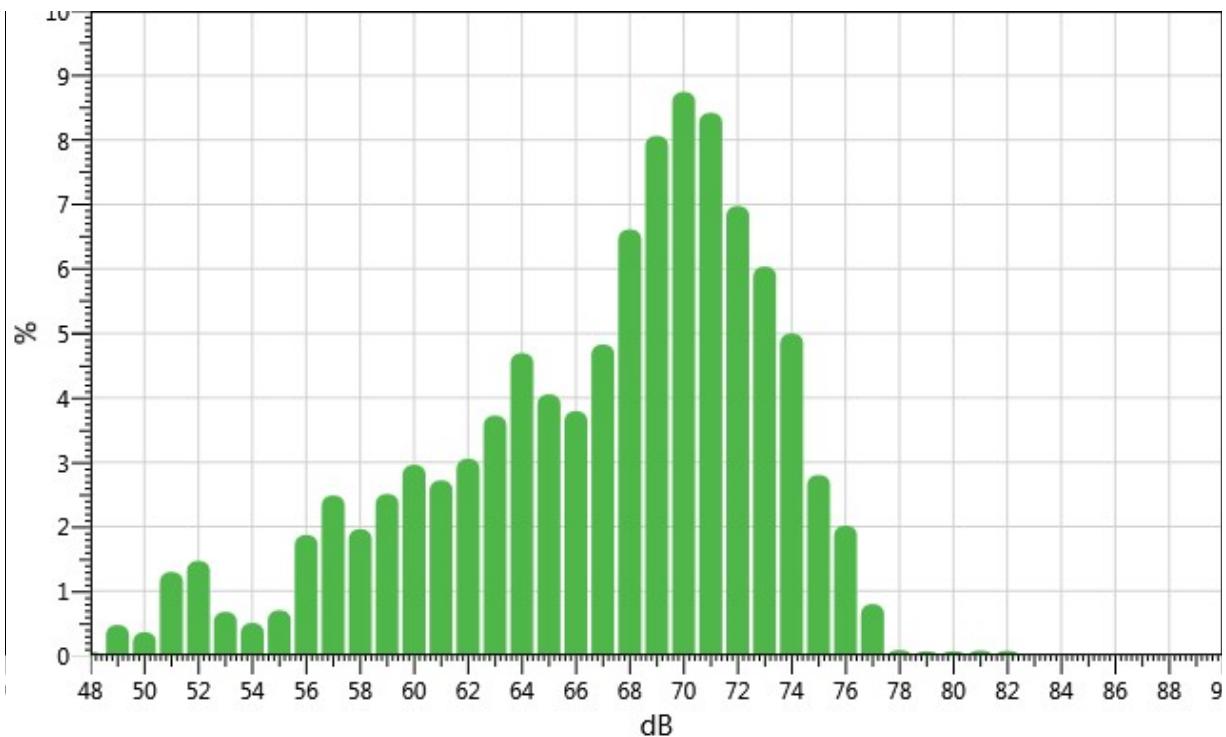
## Statistics Table

| dB: | 0.0 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | % |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 48: | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.05 | 0.05 |
| 49: | 0.18 | 0.05 | 0.06 | 0.04 | 0.03 | 0.00 | 0.03 | 0.02 | 0.03 | 0.02 | 0.47 |
| 50: | 0.06 | 0.12 | 0.04 | 0.02 | 0.03 | 0.02 | 0.02 | 0.03 | 0.01 | 0.02 | 0.36 |
| 51: | 0.02 | 0.01 | 0.01 | 0.11 | 0.12 | 0.30 | 0.17 | 0.23 | 0.15 | 0.16 | 1.30 |
| 52: | 0.09 | 0.12 | 0.17 | 0.21 | 0.30 | 0.19 | 0.18 | 0.10 | 0.05 | 0.05 | 1.47 |
| 53: | 0.05 | 0.05 | 0.06 | 0.11 | 0.11 | 0.07 | 0.11 | 0.04 | 0.04 | 0.03 | 0.68 |
| 54: | 0.04 | 0.12 | 0.05 | 0.05 | 0.05 | 0.04 | 0.03 | 0.03 | 0.03 | 0.06 | 0.51 |
| 55: | 0.09 | 0.08 | 0.08 | 0.07 | 0.06 | 0.06 | 0.09 | 0.05 | 0.05 | 0.07 | 0.70 |
| 56: | 0.06 | 0.07 | 0.07 | 0.09 | 0.23 | 0.24 | 0.28 | 0.27 | 0.28 | 0.28 | 1.87 |
| 57: | 0.36 | 0.27 | 0.21 | 0.27 | 0.30 | 0.30 | 0.20 | 0.14 | 0.21 | 0.22 | 2.48 |
| 58: | 0.14 | 0.16 | 0.17 | 0.22 | 0.20 | 0.17 | 0.23 | 0.23 | 0.18 | 0.24 | 1.96 |
| 59: | 0.26 | 0.32 | 0.26 | 0.19 | 0.19 | 0.17 | 0.22 | 0.27 | 0.34 | 0.31 | 2.51 |
| 60: | 0.26 | 0.40 | 0.20 | 0.28 | 0.27 | 0.22 | 0.29 | 0.38 | 0.37 | 0.30 | 2.96 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 61: | 0.30 | 0.28 | 0.30 | 0.28 | 0.26 | 0.22 | 0.24 | 0.23 | 0.30 | 0.30 | 2.72 |
| 62: | 0.26 | 0.28 | 0.34 | 0.30 | 0.34 | 0.30 | 0.28 | 0.27 | 0.34 | 0.34 | 3.05 |
| 63: | 0.34 | 0.31 | 0.21 | 0.27 | 0.33 | 0.37 | 0.45 | 0.51 | 0.49 | 0.44 | 3.72 |
| 64: | 0.38 | 0.42 | 0.44 | 0.39 | 0.44 | 0.54 | 0.60 | 0.58 | 0.44 | 0.45 | 4.69 |
| 65: | 0.46 | 0.52 | 0.40 | 0.41 | 0.50 | 0.38 | 0.34 | 0.35 | 0.34 | 0.35 | 4.05 |
| 66: | 0.36 | 0.40 | 0.25 | 0.31 | 0.33 | 0.32 | 0.35 | 0.35 | 0.57 | 0.54 | 3.79 |
| 67: | 0.47 | 0.52 | 0.47 | 0.47 | 0.49 | 0.60 | 0.47 | 0.43 | 0.43 | 0.46 | 4.83 |
| 68: | 0.53 | 0.59 | 0.55 | 0.64 | 0.73 | 0.85 | 0.72 | 0.64 | 0.66 | 0.70 | 6.61 |
| 69: | 0.73 | 0.86 | 0.63 | 0.81 | 0.84 | 0.86 | 0.88 | 0.78 | 0.72 | 0.94 | 8.06 |
| 70: | 0.82 | 0.69 | 0.74 | 1.09 | 0.84 | 0.79 | 0.81 | 1.28 | 0.97 | 0.71 | 8.74 |
| 71: | 0.75 | 0.73 | 0.91 | 0.80 | 0.76 | 0.79 | 1.05 | 0.95 | 0.91 | 0.75 | 8.42 |
| 72: | 0.82 | 1.02 | 0.59 | 0.82 | 0.64 | 0.59 | 0.65 | 0.67 | 0.54 | 0.64 | 6.97 |
| 73: | 0.53 | 0.52 | 0.50 | 0.51 | 0.55 | 0.75 | 0.73 | 0.61 | 0.66 | 0.68 | 6.03 |
| 74: | 0.53 | 0.51 | 0.52 | 0.49 | 0.59 | 0.48 | 0.57 | 0.49 | 0.41 | 0.42 | 5.00 |
| 75: | 0.29 | 0.42 | 0.27 | 0.34 | 0.24 | 0.25 | 0.24 | 0.33 | 0.21 | 0.21 | 2.80 |
| 76: | 0.24 | 0.22 | 0.20 | 0.21 | 0.27 | 0.25 | 0.16 | 0.21 | 0.14 | 0.11 | 2.02 |
| 77: | 0.07 | 0.11 | 0.14 | 0.10 | 0.10 | 0.08 | 0.06 | 0.04 | 0.04 | 0.05 | 0.80 |
| 78: | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.09 |
| 79: | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.07 |
| 80: | 0.01 | 0.01 | 0.01 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.07 |
| 81: | 0.01 | 0.01 | 0.01 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.08 |
| 82: | 0.01 | 0.02 | 0.03 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 |

# Statistics Chart

S272: Statistics Chart
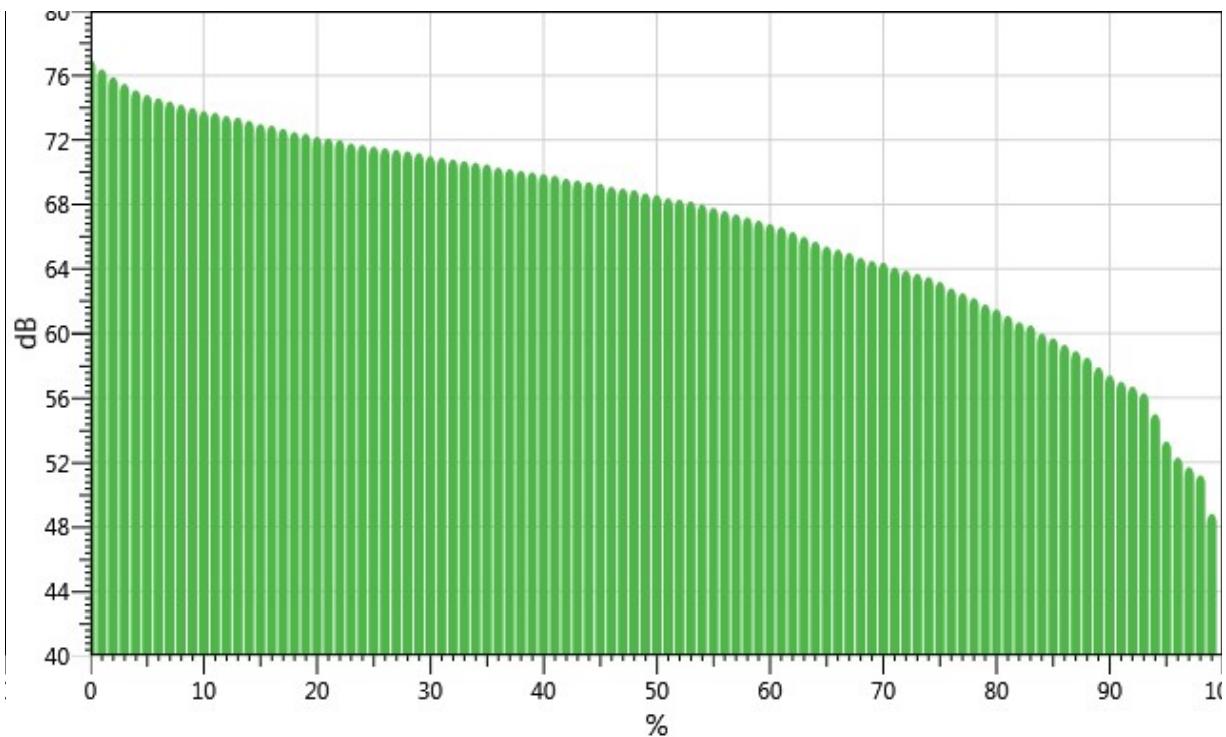


## Exceedance Table

| . | 0% | 1% | 2% | 3% | 4% | 5% | 6% | %7 | %8 | %9 |
|---|------|------|------|------|------|------|------|------|------|------|
| 0%: | | 77.0 | 76.4 | 75.9 | 75.5 | 75.1 | 74.8 | 74.6 | 74.4 | 74.2 |
| 10%: | 74.0 | 73.8 | 73.7 | 73.5 | 73.4 | 73.2 | 73.0 | 72.9 | 72.7 | 72.5 |
| 20%: | 72.4 | 72.2 | 72.1 | 72.0 | 71.8 | 71.7 | 71.6 | 71.5 | 71.4 | 71.3 |
| 30%: | 71.2 | 71.0 | 70.9 | 70.8 | 70.7 | 70.6 | 70.5 | 70.3 | 70.2 | 70.1 |
| 40%: | 70.0 | 69.9 | 69.8 | 69.6 | 69.5 | 69.4 | 69.3 | 69.1 | 69.0 | 68.9 |
| 50%: | 68.7 | 68.6 | 68.4 | 68.3 | 68.2 | 68.0 | 67.8 | 67.6 | 67.4 | 67.2 |
| 60%: | 67.0 | 66.8 | 66.6 | 66.3 | 66.0 | 65.7 | 65.4 | 65.2 | 65.0 | 64.7 |
| 70%: | 64.5 | 64.4 | 64.1 | 63.9 | 63.7 | 63.5 | 63.2 | 62.8 | 62.5 | 62.2 |
| 80%: | 61.8 | 61.5 | 61.1 | 60.7 | 60.5 | 60.0 | 59.7 | 59.3 | 58.9 | 58.5 |
| 90%: | 57.9 | 57.4 | 57.0 | 56.7 | 56.3 | 55.0 | 53.3 | 52.3 | 51.7 | 51.2 |
| 100%: | 48.8 | | | | | | | | | |
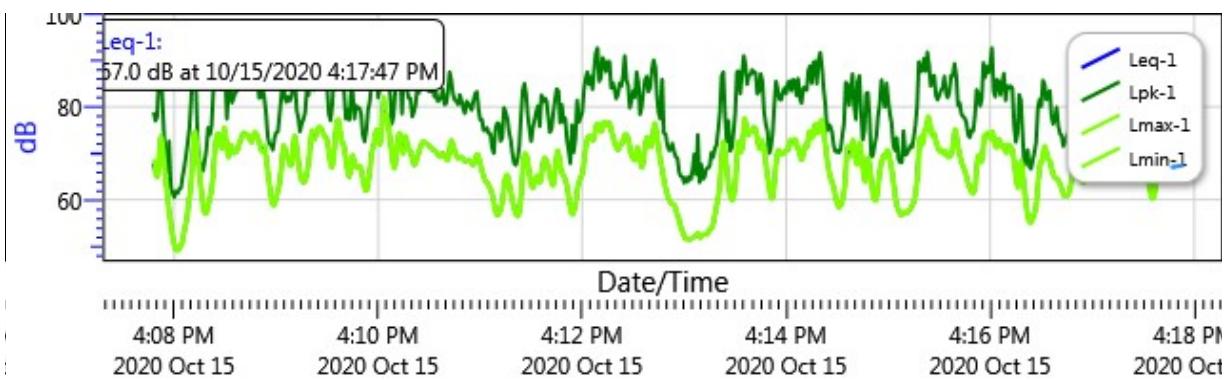
# Exceedance Chart

S272: Exceedance Chart



# Logged Data Chart

S272: Logged Data Chart

# Session Report

**10/20/2020**

## Information Panel

| | |
|---|---|
| Name | S270 |
| Start Time | 10/15/2020 9:24:08 AM |
| Stop Time | 10/15/2020 9:34:08 AM |
| Device Name | BJH100030 |
| Model Type | SoundPro DL |
| Device Firmware Rev | R.13H |
| Comments | |

## Summary Data Panel

| Description | Meter | Value | Description | Meter | Value |
|---|---|---|---|---|---|
| Leq | 1 | 70.2 dB | L1 | 1 | 77.9 dB |
| L10 | 1 | 74.8 dB | L50 | 1 | 65.5 dB |
| L90 | 1 | 54.1 dB | Lmax | 1 | 79.6 dB |
| Lmin | 1 | 47.9 dB | Lpk | 1 | 94 dB |
| Exchange Rate | 1 | 3 dB | Weighting | 1 | A |
| Log Rate | 1 | 1 s | | | |
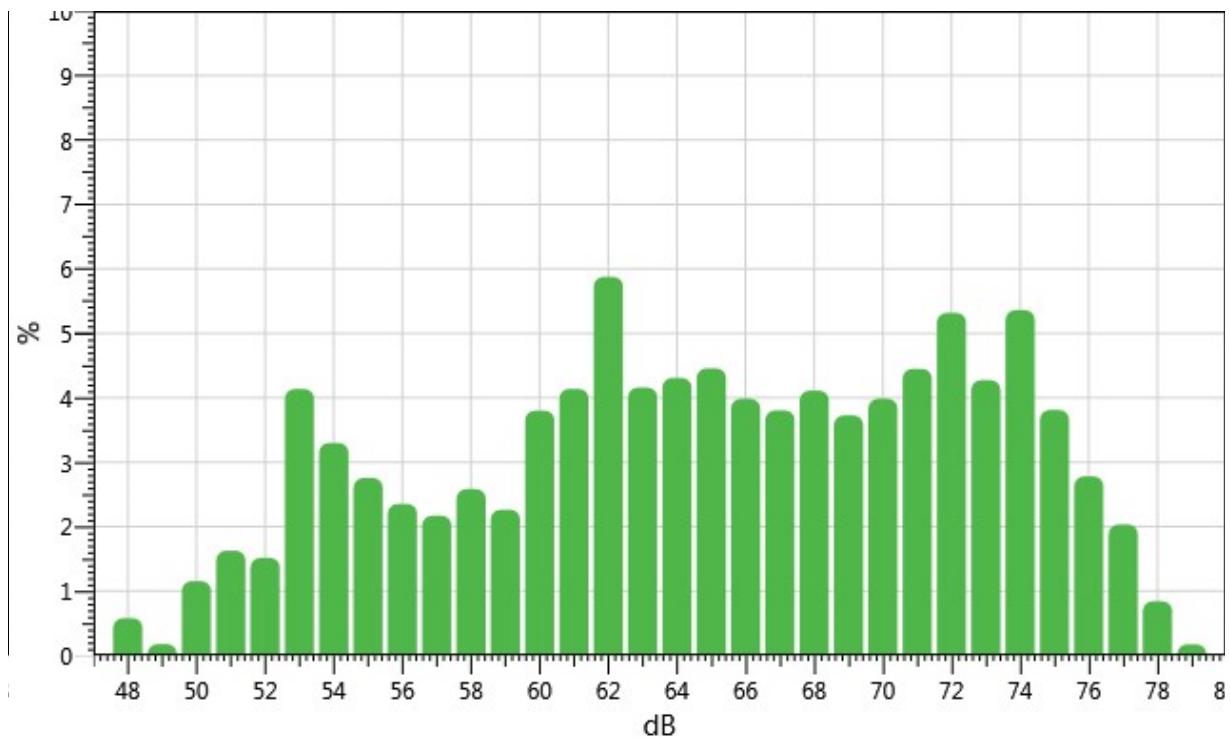
## Statistics Table

| dB: | 0.0 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | % |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 47: | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 |
| 48: | 0.08 | 0.10 | 0.14 | 0.15 | 0.06 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.58 |
| 49: | 0.02 | 0.01 | 0.01 | 0.02 | 0.01 | 0.00 | 0.01 | 0.03 | 0.03 | 0.03 | 0.18 |
| 50: | 0.06 | 0.06 | 0.07 | 0.12 | 0.08 | 0.05 | 0.17 | 0.22 | 0.16 | 0.19 | 1.15 |
| 51: | 0.15 | 0.16 | 0.20 | 0.15 | 0.12 | 0.14 | 0.24 | 0.19 | 0.14 | 0.14 | 1.63 |
| 52: | 0.16 | 0.19 | 0.15 | 0.15 | 0.11 | 0.11 | 0.11 | 0.12 | 0.23 | 0.19 | 1.52 |
| 53: | 0.28 | 0.35 | 0.28 | 0.20 | 0.35 | 0.51 | 0.67 | 0.65 | 0.42 | 0.42 | 4.14 |
| 54: | 0.35 | 0.31 | 0.28 | 0.40 | 0.32 | 0.28 | 0.31 | 0.33 | 0.39 | 0.34 | 3.30 |
| 55: | 0.38 | 0.34 | 0.33 | 0.29 | 0.22 | 0.19 | 0.21 | 0.24 | 0.27 | 0.29 | 2.76 |
| 56: | 0.27 | 0.22 | 0.24 | 0.21 | 0.20 | 0.23 | 0.24 | 0.23 | 0.23 | 0.27 | 2.35 |
| 57: | 0.23 | 0.25 | 0.14 | 0.20 | 0.26 | 0.22 | 0.20 | 0.20 | 0.18 | 0.28 | 2.17 |
| 58: | 0.21 | 0.23 | 0.29 | 0.25 | 0.34 | 0.22 | 0.24 | 0.33 | 0.29 | 0.18 | 2.58 |
| 59: | 0.18 | 0.24 | 0.20 | 0.22 | 0.24 | 0.22 | 0.26 | 0.25 | 0.22 | 0.23 | 2.26 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 60: | 0.28 | 0.34 | 0.16 | 0.34 | 0.36 | 0.52 | 0.34 | 0.37 | 0.52 | 0.56 | 3.80 |
| 61: | 0.41 | 0.38 | 0.49 | 0.43 | 0.40 | 0.37 | 0.38 | 0.45 | 0.41 | 0.41 | 4.14 |
| 62: | 0.48 | 0.49 | 0.43 | 0.59 | 0.51 | 0.52 | 0.65 | 0.83 | 0.82 | 0.56 | 5.88 |
| 63: | 0.66 | 0.44 | 0.25 | 0.37 | 0.39 | 0.39 | 0.44 | 0.45 | 0.40 | 0.36 | 4.16 |
| 64: | 0.39 | 0.37 | 0.57 | 0.54 | 0.49 | 0.44 | 0.36 | 0.42 | 0.39 | 0.34 | 4.31 |
| 65: | 0.44 | 0.42 | 0.41 | 0.43 | 0.50 | 0.48 | 0.47 | 0.45 | 0.41 | 0.43 | 4.46 |
| 66: | 0.49 | 0.47 | 0.28 | 0.43 | 0.44 | 0.39 | 0.36 | 0.35 | 0.36 | 0.41 | 3.98 |
| 67: | 0.40 | 0.35 | 0.35 | 0.41 | 0.36 | 0.40 | 0.41 | 0.34 | 0.38 | 0.40 | 3.80 |
| 68: | 0.42 | 0.39 | 0.36 | 0.34 | 0.40 | 0.46 | 0.46 | 0.49 | 0.41 | 0.38 | 4.11 |
| 69: | 0.46 | 0.46 | 0.33 | 0.33 | 0.34 | 0.33 | 0.36 | 0.42 | 0.34 | 0.36 | 3.73 |
| 70: | 0.39 | 0.40 | 0.41 | 0.40 | 0.37 | 0.33 | 0.39 | 0.36 | 0.43 | 0.50 | 3.98 |
| 71: | 0.41 | 0.38 | 0.42 | 0.52 | 0.40 | 0.44 | 0.43 | 0.47 | 0.51 | 0.46 | 4.45 |
| 72: | 0.57 | 0.59 | 0.45 | 0.60 | 0.54 | 0.58 | 0.52 | 0.53 | 0.48 | 0.46 | 5.32 |
| 73: | 0.51 | 0.39 | 0.39 | 0.45 | 0.41 | 0.42 | 0.46 | 0.41 | 0.38 | 0.45 | 4.27 |
| 74: | 0.39 | 0.45 | 0.43 | 0.51 | 0.56 | 0.74 | 0.57 | 0.65 | 0.61 | 0.46 | 5.36 |
| 75: | 0.47 | 0.39 | 0.27 | 0.38 | 0.41 | 0.38 | 0.43 | 0.40 | 0.38 | 0.31 | 3.81 |
| 76: | 0.27 | 0.30 | 0.31 | 0.31 | 0.27 | 0.33 | 0.25 | 0.27 | 0.27 | 0.21 | 2.78 |
| 77: | 0.23 | 0.20 | 0.23 | 0.19 | 0.21 | 0.26 | 0.29 | 0.17 | 0.17 | 0.09 | 2.03 |
| 78: | 0.11 | 0.09 | 0.09 | 0.09 | 0.10 | 0.09 | 0.09 | 0.09 | 0.05 | 0.05 | 0.84 |
| 79: | 0.07 | 0.02 | 0.01 | 0.01 | 0.01 | 0.02 | 0.03 | 0.00 | 0.00 | 0.00 | 0.17 |

# Statistics Chart

S270: Statistics Chart
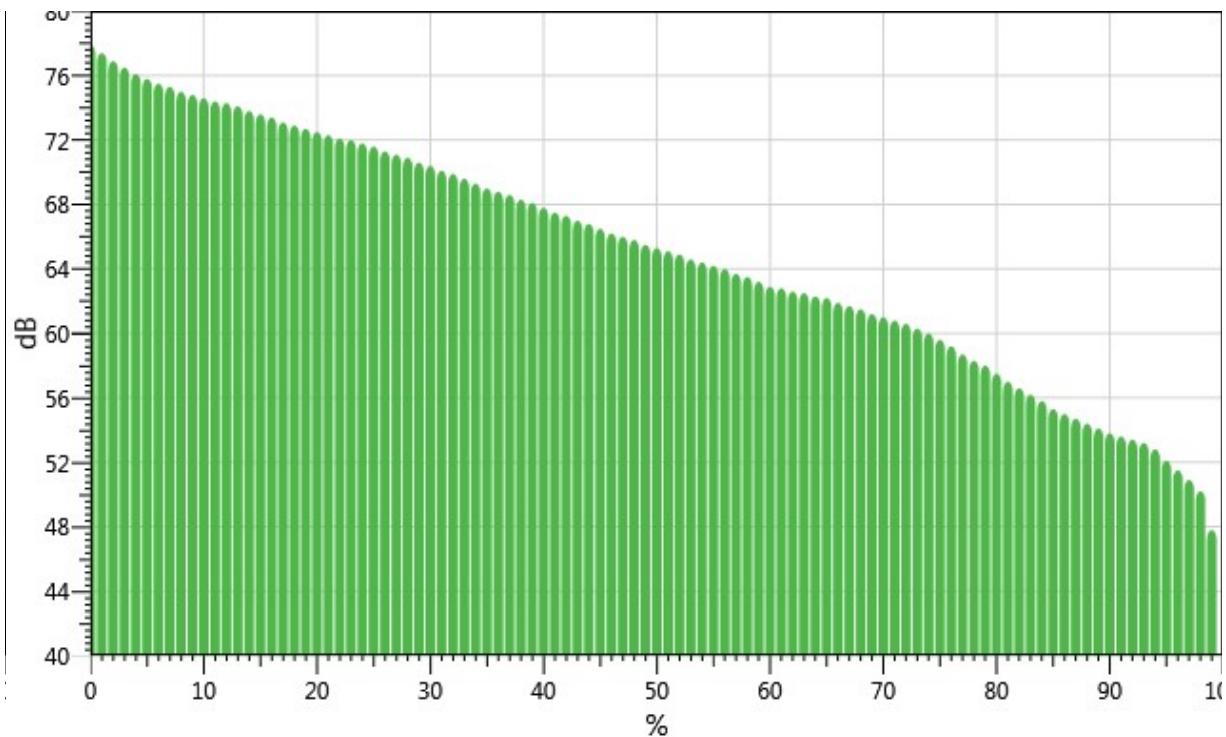


# Exceedance Table

| . | 0% | 1% | 2% | 3% | 4% | 5% | 6% | %7 | %8 | %9 |
|------|------|------|------|------|------|------|------|------|------|------|
| 0%: | | 77.9 | 77.4 | 76.9 | 76.5 | 76.1 | 75.8 | 75.5 | 75.3 | 75.0 |
| 10%: | 74.8 | 74.6 | 74.4 | 74.3 | 74.1 | 73.8 | 73.6 | 73.4 | 73.1 | 72.9 |
| 20%: | 72.7 | 72.5 | 72.3 | 72.1 | 72.0 | 71.8 | 71.6 | 71.3 | 71.1 | 70.9 |
| 30%: | 70.6 | 70.4 | 70.1 | 69.9 | 69.6 | 69.3 | 69.0 | 68.8 | 68.6 | 68.3 |
| 40%: | 68.1 | 67.8 | 67.5 | 67.3 | 67.0 | 66.8 | 66.5 | 66.2 | 66.0 | 65.8 |
| 50%: | 65.5 | 65.3 | 65.1 | 64.9 | 64.6 | 64.4 | 64.2 | 64.0 | 63.7 | 63.5 |
| 60%: | 63.2 | 62.9 | 62.8 | 62.6 | 62.5 | 62.3 | 62.2 | 61.9 | 61.7 | 61.5 |
| 70%: | 61.2 | 61.0 | 60.8 | 60.6 | 60.3 | 60.0 | 59.6 | 59.2 | 58.7 | 58.3 |
| 80%: | 58.0 | 57.5 | 57.0 | 56.6 | 56.2 | 55.8 | 55.3 | 55.0 | 54.7 | 54.4 |
| 90%: | 54.1 | 53.8 | 53.6 | 53.4 | 53.2 | 52.8 | 52.1 | 51.5 | 50.9 | 50.2 |
| 100%: | 47.8 | | | | | | | | | |
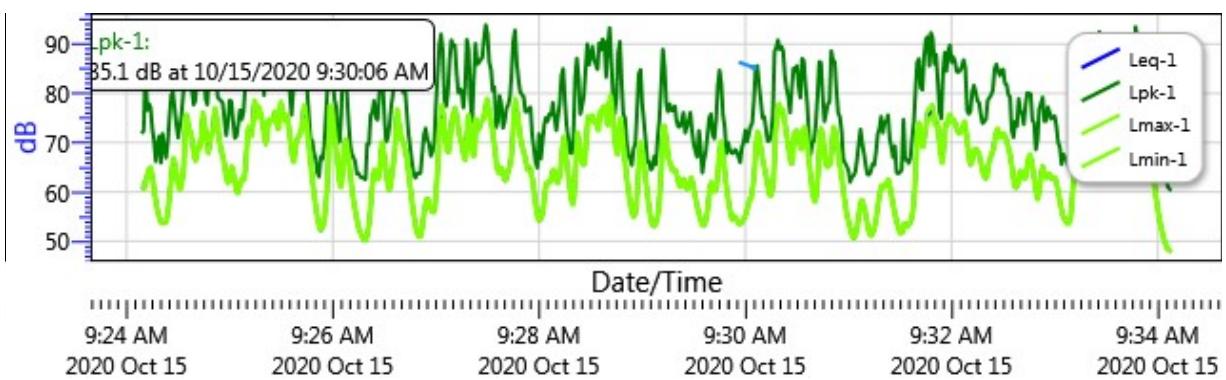
# Exceedance Chart

I-55



# Logged Data Chart

# Session Report

**10/20/2020**

## Information Panel

| | |
|---|---|
| Name | S271 |
| Start Time | 10/15/2020 3:46:50 PM |
| Stop Time | 10/15/2020 3:56:50 PM |
| Device Name | BJH100030 |
| Model Type | SoundPro DL |
| Device Firmware Rev | R.13H |
| Comments | |

## Summary Data Panel

| Description | Meter | Value | Description | Meter | Value |
|---|---|---|---|---|---|
| Leq | 1 | 71.5 dB | L1 | 1 | 79.8 dB |
| L10 | 1 | 75.9 dB | L50 | 1 | 66.6 dB |
| L90 | 1 | 55.9 dB | Lmax | 1 | 85.7 dB |
| Lmin | 1 | 47.3 dB | Lpk | 1 | 101.9 dB |
| Exchange Rate | 1 | 3 dB | Weighting | 1 | A |
| Log Rate | 1 | 1 s | | | |
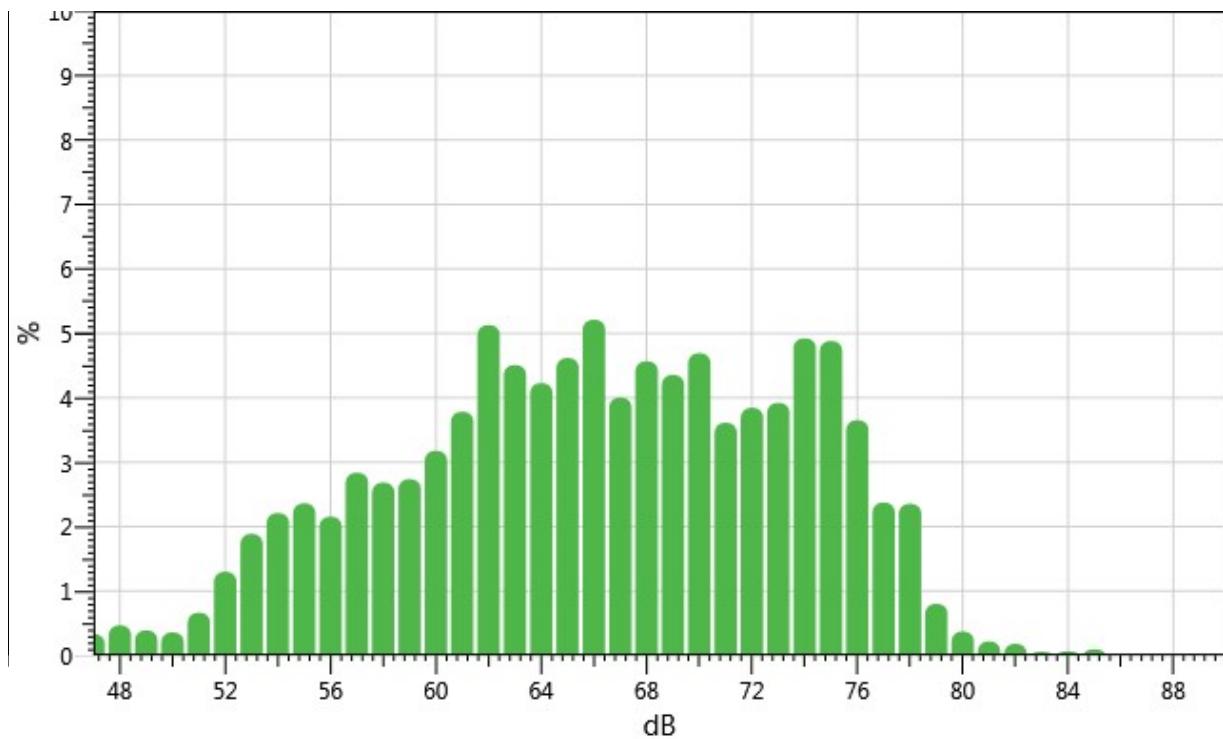
## Statistics Table

| dB: | 0.0 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | % |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 47: | 0.00 | 0.00 | 0.00 | 0.13 | 0.06 | 0.03 | 0.02 | 0.03 | 0.05 | 0.02 | 0.33 |
| 48: | 0.03 | 0.02 | 0.02 | 0.03 | 0.03 | 0.07 | 0.05 | 0.08 | 0.08 | 0.07 | 0.47 |
| 49: | 0.07 | 0.03 | 0.02 | 0.01 | 0.06 | 0.00 | 0.08 | 0.07 | 0.03 | 0.03 | 0.39 |
| 50: | 0.03 | 0.04 | 0.02 | 0.02 | 0.03 | 0.05 | 0.05 | 0.04 | 0.04 | 0.04 | 0.36 |
| 51: | 0.04 | 0.04 | 0.04 | 0.11 | 0.07 | 0.10 | 0.08 | 0.07 | 0.05 | 0.07 | 0.66 |
| 52: | 0.06 | 0.09 | 0.08 | 0.08 | 0.09 | 0.17 | 0.22 | 0.26 | 0.13 | 0.12 | 1.30 |
| 53: | 0.16 | 0.16 | 0.20 | 0.17 | 0.19 | 0.13 | 0.16 | 0.16 | 0.24 | 0.32 | 1.89 |
| 54: | 0.32 | 0.32 | 0.27 | 0.22 | 0.18 | 0.19 | 0.21 | 0.18 | 0.17 | 0.17 | 2.21 |
| 55: | 0.16 | 0.16 | 0.24 | 0.27 | 0.28 | 0.29 | 0.27 | 0.25 | 0.21 | 0.22 | 2.36 |
| 56: | 0.20 | 0.20 | 0.17 | 0.22 | 0.19 | 0.20 | 0.25 | 0.28 | 0.21 | 0.23 | 2.15 |
| 57: | 0.29 | 0.29 | 0.20 | 0.35 | 0.35 | 0.31 | 0.31 | 0.27 | 0.24 | 0.24 | 2.84 |
| 58: | 0.28 | 0.26 | 0.27 | 0.22 | 0.24 | 0.32 | 0.32 | 0.30 | 0.25 | 0.23 | 2.68 |
| 59: | 0.28 | 0.23 | 0.22 | 0.30 | 0.25 | 0.29 | 0.26 | 0.28 | 0.31 | 0.31 | 2.74 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 60: | 0.38 | 0.35 | 0.21 | 0.30 | 0.33 | 0.39 | 0.33 | 0.29 | 0.27 | 0.32 | 3.18 |
| 61: | 0.41 | 0.32 | 0.37 | 0.37 | 0.38 | 0.30 | 0.32 | 0.32 | 0.46 | 0.54 | 3.78 |
| 62: | 0.51 | 0.39 | 0.50 | 0.50 | 0.63 | 0.54 | 0.50 | 0.47 | 0.57 | 0.53 | 5.13 |
| 63: | 0.35 | 0.42 | 0.27 | 0.41 | 0.39 | 0.50 | 0.42 | 0.59 | 0.56 | 0.60 | 4.51 |
| 64: | 0.30 | 0.32 | 0.30 | 0.46 | 0.42 | 0.45 | 0.42 | 0.43 | 0.50 | 0.62 | 4.23 |
| 65: | 0.63 | 0.53 | 0.52 | 0.52 | 0.40 | 0.40 | 0.38 | 0.37 | 0.40 | 0.44 | 4.62 |
| 66: | 0.51 | 0.48 | 0.39 | 0.53 | 0.79 | 0.61 | 0.58 | 0.47 | 0.35 | 0.49 | 5.21 |
| 67: | 0.45 | 0.43 | 0.39 | 0.39 | 0.38 | 0.46 | 0.46 | 0.35 | 0.34 | 0.36 | 4.00 |
| 68: | 0.53 | 0.57 | 0.47 | 0.43 | 0.41 | 0.44 | 0.44 | 0.53 | 0.36 | 0.38 | 4.57 |
| 69: | 0.43 | 0.45 | 0.30 | 0.44 | 0.47 | 0.42 | 0.43 | 0.47 | 0.48 | 0.45 | 4.35 |
| 70: | 0.49 | 0.50 | 0.46 | 0.55 | 0.54 | 0.39 | 0.43 | 0.46 | 0.42 | 0.43 | 4.69 |
| 71: | 0.45 | 0.45 | 0.38 | 0.36 | 0.37 | 0.31 | 0.28 | 0.28 | 0.36 | 0.36 | 3.61 |
| 72: | 0.34 | 0.51 | 0.28 | 0.45 | 0.39 | 0.31 | 0.33 | 0.42 | 0.39 | 0.43 | 3.84 |
| 73: | 0.36 | 0.34 | 0.33 | 0.36 | 0.31 | 0.33 | 0.47 | 0.58 | 0.40 | 0.44 | 3.92 |
| 74: | 0.41 | 0.49 | 0.53 | 0.53 | 0.48 | 0.41 | 0.56 | 0.52 | 0.47 | 0.53 | 4.92 |
| 75: | 0.63 | 0.61 | 0.37 | 0.48 | 0.47 | 0.48 | 0.54 | 0.47 | 0.41 | 0.42 | 4.88 |
| 76: | 0.39 | 0.35 | 0.38 | 0.42 | 0.34 | 0.32 | 0.31 | 0.47 | 0.39 | 0.29 | 3.65 |
| 77: | 0.23 | 0.21 | 0.21 | 0.21 | 0.23 | 0.22 | 0.25 | 0.27 | 0.28 | 0.26 | 2.38 |
| 78: | 0.29 | 0.28 | 0.20 | 0.26 | 0.30 | 0.33 | 0.27 | 0.14 | 0.15 | 0.13 | 2.35 |
| 79: | 0.16 | 0.06 | 0.10 | 0.10 | 0.06 | 0.07 | 0.05 | 0.05 | 0.10 | 0.05 | 0.80 |
| 80: | 0.03 | 0.03 | 0.02 | 0.04 | 0.03 | 0.03 | 0.04 | 0.05 | 0.07 | 0.03 | 0.37 |
| 81: | 0.05 | 0.06 | 0.03 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 0.01 | 0.22 |
| 82: | 0.01 | 0.02 | 0.01 | 0.01 | 0.02 | 0.01 | 0.02 | 0.03 | 0.04 | 0.01 | 0.18 |
| 83: | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.01 | 0.01 | 0.01 | 0.06 |
| 84: | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.07 |
| 85: | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 0.03 | 0.00 | 0.00 | 0.10 |

# Statistics Chart

S271: Statistics Chart
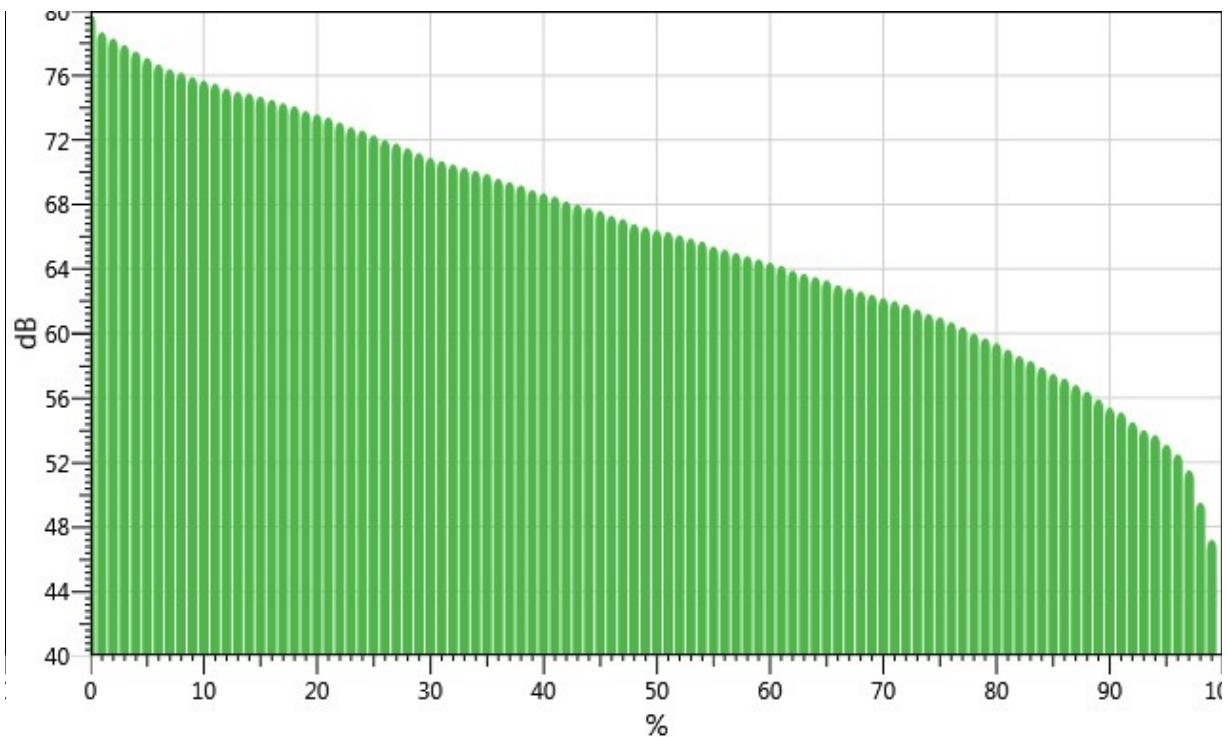


## Exceedance Table

| . | 0% | 1% | 2% | 3% | 4% | 5% | 6% | %7 | %8 | %9 |
|---|---|---|---|---|---|---|---|---|---|---|
| 0%: | | 79.8 | 78.7 | 78.3 | 77.9 | 77.5 | 77.1 | 76.7 | 76.4 | 76.2 |
| 10%: | 75.9 | 75.7 | 75.5 | 75.2 | 75.0 | 74.9 | 74.7 | 74.5 | 74.3 | 74.1 |
| 20%: | 73.8 | 73.6 | 73.4 | 73.1 | 72.8 | 72.6 | 72.3 | 72.0 | 71.8 | 71.5 |
| 30%: | 71.2 | 70.9 | 70.7 | 70.5 | 70.3 | 70.1 | 69.9 | 69.6 | 69.4 | 69.2 |
| 40%: | 68.9 | 68.7 | 68.5 | 68.2 | 68.0 | 67.8 | 67.6 | 67.3 | 67.1 | 66.8 |
| 50%: | 66.6 | 66.4 | 66.3 | 66.1 | 65.9 | 65.7 | 65.4 | 65.2 | 65.0 | 64.8 |
| 60%: | 64.6 | 64.4 | 64.2 | 63.9 | 63.7 | 63.5 | 63.3 | 63.0 | 62.8 | 62.6 |
| 70%: | 62.4 | 62.2 | 62.0 | 61.8 | 61.5 | 61.2 | 61.0 | 60.7 | 60.4 | 60.0 |
| 80%: | 59.7 | 59.4 | 59.0 | 58.6 | 58.3 | 57.9 | 57.5 | 57.2 | 56.8 | 56.4 |
| 90%: | 55.9 | 55.4 | 55.1 | 54.5 | 54.0 | 53.7 | 53.1 | 52.5 | 51.5 | 49.5 |
| 100%: | 47.2 | | | | | | | | | |
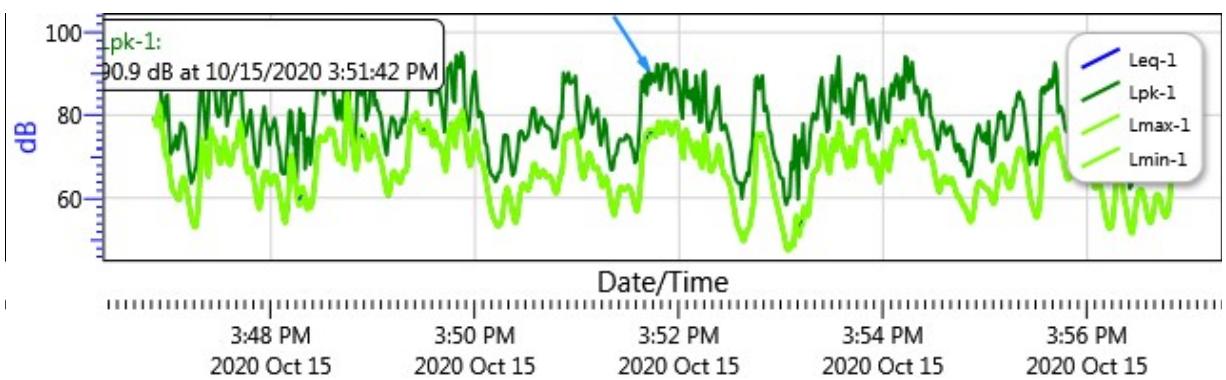
# Exceedance Chart

# Logged Data Chart

TRAFFIC NOISE MODEL RESULTS HEAVY TRUCK TRAFFIC AND

CONSTRUCTION WORK COMMUTE NOISE

BY PHASE AND ACTIVITIES

**Results: Sound Levels - No Barrier Objects**

| | | | | | | |
|---|---|---|---|---|---|---|
| TNM VERSION | 3.0.7.60002 | | REPORT DATE: | 2 February 2021 | | |
| CALCULATED WITH: | 3.0.7.60002 | | CALCULATION DATE: | 2/2/2021 9:44:23 AM | | |
| CASE: | BCHD_2020_CONST_P1_P_DEL | | ORGANIZATION: | Wood PLC | | |
| UNITS: | English | | ANALYSIS BY: | brian.cook | | |
| DEFAULT GROUND TYPE: | Pavement | | PROJECT/CONTRACT | | | |
| ATMOSPHERICS: | 68°F, 50% | | Average pavement type shall be used unless a state | | | |
| PAVEMENT TYPE(S) USED: | Average | | highway agency substantiates the use of a different | | | |
| | | | type with approval FHWA. | | | |

| Receiver | | | | Modeled Traffic Noise Levels | | | | |
|---|---|---|---|---|---|---|---|---|
| | | Nb. | | | LAeq | | Increase over Existing | |
| Name | No. | R.R. | Existing | | | Absolute | | Relative |
| | | | LAeq | Calc. | Criterion | Calc. | Criterion | Type of Impact |
| | | | dBA | dBA | dBA | dBA | dBA | |
| Receiver-P1 | 1 | 1 | --- | 70.3 | 0.0 | --- | --- | Sound Level |
| Receiver-P2 | 2 | 1 | --- | 61.9 | 0.0 | --- | --- | Sound Level |
| Receiver-P3 | 3 | 1 | --- | 57.9 | 0.0 | --- | --- | Sound Level |
| Receiver-P4 | 4 | 1 | --- | 60.4 | 0.0 | --- | --- | Sound Level |
| Receiver-P5 | 5 | 1 | --- | 66.9 | 0.0 | --- | --- | Sound Level |
| Receiver-P6 | 6 | 1 | --- | 55.9 | 0.0 | --- | --- | Sound Level |
| Receiver-P7 | 7 | 1 | --- | 70.2 | 0.0 | --- | --- | Sound Level |
| Receiver-P8 | 8 | 1 | --- | 70.8 | 0.0 | --- | --- | Sound Level |
| Receiver-P9 | 9 | 1 | --- | 69.2 | 0.0 | --- | --- | Sound Level |
| Receiver-10 | 10 | 1 | --- | 66.3 | 0.0 | --- | --- | Sound Level |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| REPORT: | | **Results: Sound Levels - No Barrier Objects** | | | | | | | |
| TNM VERSION | | 3.0.7.60002 | | REPORT DATE: | | 1 February 2021 | | | |
| CALCULATED WITH: | | 3.0.7.60002 | | CALCULATION DATE: | | 2/1/2021 9:57:53 PM | | | |
| CASE: | | BCHD_2020_CONST_P_DEMO | | ORGANIZATION: | | Wood PLC | | | |
| UNITS: | | English | | ANALYSIS BY: | | brian.cook | | | |
| DEFAULT GROUND TYPE: | | Pavement | | PROJECT/CONTRACT | | | | | |
| ATMOSPHERICS: | | 68°F, 50% | | Average pavement type shall be used unless a state | | | | | |
| PAVEMENT TYPE(S) USED: | | Average | | highway agency substantiates the use of a different | | | | | |
| | | | | type with approval FHWA. | | | | | |

| Receiver | | | | Modeled Traffic Noise Levels | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | LAeq | | Increase over Existing | | |
| Name | No. | Nb. R.R. | Existing LAeq | Calc. | Absolute Criterion | Calc. | Relative Criterion | Type of Impact |
| | | | dBA | dBA | dBA | dBA | dBA | |
| Receiver-P1 | 1 | 1 | --- | 70.5 | 0.0 | --- | --- | Sound Level |
| Receiver-P2 | 2 | 1 | --- | 62.0 | 0.0 | --- | --- | Sound Level |
| Receiver-P3 | 3 | 1 | --- | 58.0 | 0.0 | --- | --- | Sound Level |
| Receiver-P4 | 4 | 1 | --- | 60.4 | 0.0 | --- | --- | Sound Level |
| Receiver-P5 | 5 | 1 | --- | 67.1 | 0.0 | --- | --- | Sound Level |
| Receiver-P6 | 6 | 1 | --- | 55.9 | 0.0 | --- | --- | Sound Level |
| Receiver-P7 | 7 | 1 | --- | 70.3 | 0.0 | --- | --- | Sound Level |
| Receiver-P8 | 8 | 1 | --- | 70.8 | 0.0 | --- | --- | Sound Level |
| Receiver-P9 | 9 | 1 | --- | 69.2 | 0.0 | --- | --- | Sound Level |
| Receiver-10 | 10 | 1 | --- | 66.4 | 0.0 | --- | --- | Sound Level |

**Results: Sound Levels - No Barrier Objects**

| | | | |
|---|---|---|---|
| TNM VERSION | 3.0.7.60002 | REPORT DATE: | 1 February 2021 |
| CALCULATED WITH: | 3.0.7.60002 | CALCULATION DATE: | 2/1/2021 7:28:23 PM |
| CASE: | BCHD_2020_CONST_ P1_PER | ORGANIZATION: | Wood PLC |
| UNITS: | English | ANALYSIS BY: | brian.cook |
| DEFAULT GROUND TYPE: | Pavement | PROJECT/CONTRACT | |
| ATMOSPHERICS: | 68°F, 50% | Average pavement type shall be used unless a state | |
| PAVEMENT TYPE(S) USED: | Average | highway agency substantiates the use of a different | |
| | | type with approval FHWA. | |

| Receiver | | | | Modeled Traffic Noise Levels | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | LAeq | | Increase over Existing | |
| Name | No. | Nb. R.R. | Existing LAeq | Calc. | Absolute Criterion | Calc. | Relative Criterion | Type of Impact |
| | | | dBA | dBA | dBA | dBA | dBA | |
| Receiver-P1 | 1 | 1 | --- | 70.1 | 0.0 | --- | --- | Sound Level |
| Receiver-P2 | 2 | 1 | --- | 61.8 | 0.0 | --- | --- | Sound Level |
| Receiver-P3 | 3 | 1 | --- | 57.8 | 0.0 | --- | --- | Sound Level |
| Receiver-P4 | 4 | 1 | --- | 60.3 | 0.0 | --- | --- | Sound Level |
| Receiver-P5 | 5 | 1 | --- | 66.7 | 0.0 | --- | --- | Sound Level |
| Receiver-P6 | 6 | 1 | --- | 55.7 | 0.0 | --- | --- | Sound Level |
| Receiver-P7 | 7 | 1 | --- | 70.2 | 0.0 | --- | --- | Sound Level |
| Receiver-P8 | 8 | 1 | --- | 70.8 | 0.0 | --- | --- | Sound Level |
| Receiver-P9 | 9 | 1 | --- | 69.1 | 0.0 | --- | --- | Sound Level |
| Receiver-10 | 10 | 1 | --- | 66.0 | 0.0 | --- | --- | Sound Level |

**Results: Sound Levels - No Barrier Objects**

| | | |
|---|---|---|
| TNM VERSION | 3.0.7.60002 | |
| CALCULATED WITH: | 3.0.7.60002 | |
| CASE: | BCHD_CONST_P2_PER_DELorDEMO | |
| UNITS: | English | |
| DEFAULT GROUND TYPE: | Pavement | |
| ATMOSPHERICS: | 68°F, 50% | |
| PAVEMENT TYPE(S) USED: | Average | |

| | |
|---|---|
| REPORT DATE: | 1 February 2021 |
| CALCULATION DATE: | 2/1/2021 3:38:54 PM |
| ORGANIZATION: | Wood PLC |
| ANALYSIS BY: | brian.cook |
| PROJECT/CONTRACT | |

Average pavement type shall be used unless a state highway agency substantiates the use of a different type with approval FHWA.

| Receiver | | | | Modeled Traffic Noise Levels | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | LAeq | | Increase over Existing | |
| Name | No. | Nb. R.R. | Existing LAeq | Calc. | Absolute Criterion | Calc. | Relative Criterion | Type of Impact |
| | | | dBA | dBA | dBA | dBA | dBA | |
| Receiver-P1 | 1 | 1 | --- | 70.1 | 0.0 | --- | --- | Sound Level |
| Receiver-P2 | 2 | 1 | --- | 61.7 | 0.0 | --- | --- | Sound Level |
| Receiver-P3 | 3 | 1 | --- | 57.8 | 0.0 | --- | --- | Sound Level |
| Receiver-P4 | 4 | 1 | --- | 60.3 | 0.0 | --- | --- | Sound Level |
| Receiver-P5 | 5 | 1 | --- | 67.0 | 0.0 | --- | --- | Sound Level |
| Receiver-P6 | 6 | 1 | --- | 55.7 | 0.0 | --- | --- | Sound Level |
| Receiver-P7 | 7 | 1 | --- | 70.1 | 0.0 | --- | --- | Sound Level |
| Receiver-P8 | 8 | 1 | --- | 70.8 | 0.0 | --- | --- | Sound Level |
| Receiver-P9 | 9 | 1 | --- | 69.1 | 0.0 | --- | --- | Sound Level |
| Receiver-10 | 10 | 1 | --- | 66.0 | 0.0 | --- | --- | Sound Level |

| TNM VERSION | 3.0.7.60002 | REPORT DATE: | 1 February 2021 |
|---|---|---|---|
| CALCULATED WITH: | 3.0.7.60002 | CALCULATION DATE: | 2/1/2021 2:51:30 PM |
| CASE: | BCHD_2020_CONST_P2_PER | ORGANIZATION: | Wood PLC |
| UNITS: | English | ANALYSIS BY: | brian.cook |
| DEFAULT GROUND TYPE: | Pavement | PROJECT/CONTRACT | |
| ATMOSPHERICS: | 68°F, 50% | Average pavement type shall be used unless a state | |
| PAVEMENT TYPE(S) USED: | Average | highway agency substantiates the use of a different | |
| | | type with approval FHWA. | |

| Receiver | | | | Modeled Traffic Noise Levels | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | LAeq | | Increase over Existing | | |
| Name | No. | Nb. R.R. | Existing LAeq | Calc. | Absolute Criterion | Calc. | Relative Criterion | Type of Impact |
| | | | dBA | dBA | dBA | dBA | dBA | |
| Receiver-P1 | 1 | 1 | --- | 69.9 | 0.0 | --- | --- | Sound Level |
| Receiver-P2 | 2 | 1 | --- | 61.6 | 0.0 | --- | --- | Sound Level |
| Receiver-P3 | 3 | 1 | --- | 57.7 | 0.0 | --- | --- | Sound Level |
| Receiver-P4 | 4 | 1 | --- | 60.2 | 0.0 | --- | --- | Sound Level |
| Receiver-P5 | 5 | 1 | --- | 66.8 | 0.0 | --- | --- | Sound Level |
| Receiver-P6 | 6 | 1 | --- | 55.6 | 0.0 | --- | --- | Sound Level |
| Receiver-P7 | 7 | 1 | --- | 70.0 | 0.0 | --- | --- | Sound Level |
| Receiver-P8 | 8 | 1 | --- | 70.8 | 0.0 | --- | --- | Sound Level |
| Receiver-P9 | 9 | 1 | --- | 69.1 | 0.0 | --- | --- | Sound Level |
| Receiver-10 | 10 | 1 | --- | 65.8 | 0.0 | --- | --- | Sound Level |

| | | |
|---|---|---|
| TNM VERSION | 3.0.7.60002 | REPORT DATE: 30 November 2020 |
| CALCULATED WITH: | 3.0.7.60002 | CALCULATION DATE: 11/30/2020 5:58:36 PM |
| CASE: | BCHD_E_2020 | ORGANIZATION: Wood PLC |
| UNITS: | English | ANALYSIS BY: brian.cook |
| DEFAULT GROUND TYPE: | Pavement | PROJECT/CONTRACT |
| ATMOSPHERICS: | 68°F, 50% | Average pavement type shall be used unless a state |
| PAVEMENT TYPE(S) USED: | Average | highway agency substantiates the use of a different |
| | | type with approval FHWA. |

| Receiver | | | | Modeled Traffic Noise Levels | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | LAeq | | Increase over Existing | | |
| Name | No. | Nb. R.R. | Existing LAeq | Calc. | Absolute Criterion | Calc. | Relative Criterion | Type of Impact |
| | | | dBA | dBA | dBA | dBA | dBA | |
| Receiver-P1 | 1 | 1 | --- | 69.5 | 0.0 | --- | --- | Sound Level |
| Receiver-P2 | 2 | 1 | --- | 61.4 | 0.0 | --- | --- | Sound Level |
| Receiver-P3 | 3 | 1 | --- | 57.5 | 0.0 | --- | --- | Sound Level |
| Receiver-P4 | 4 | 1 | --- | 60.1 | 0.0 | --- | --- | Sound Level |
| Receiver-P5 | 5 | 1 | --- | 66.2 | 0.0 | --- | --- | Sound Level |
| Receiver-P6 | 6 | 1 | --- | 55.4 | 0.0 | --- | --- | Sound Level |
| Receiver-P7 | 7 | 1 | --- | 69.9 | 0.0 | --- | --- | Sound Level |
| Receiver-P8 | 8 | 1 | --- | 70.8 | 0.0 | --- | --- | Sound Level |
| Receiver-P9 | 9 | 1 | --- | 69.0 | 0.0 | --- | --- | Sound Level |
| Receiver-10 | 10 | 1 | --- | 65.5 | 0.0 | --- | --- | Sound Level |

| | | |
|---|---|---|
| TNM VERSION | 3.0.7.60002 | REPORT DATE: 30 November 2020 |
| CALCULATED WITH: | 3.0.7.60002 | CALCULATION DATE: 11/30/2020 9:33:44 PM |
| CASE: | BCHD_FB_2032 | ORGANIZATION: Wood PLC |
| UNITS: | English | ANALYSIS BY: brian.cook |
| DEFAULT GROUND TYPE: | Pavement | PROJECT/CONTRACT |
| ATMOSPHERICS: | 68°F, 50% | Average pavement type shall be used unless a state |
| PAVEMENT TYPE(S) USED: | Average | highway agency substantiates the use of a different |
| | | type with approval FHWA. |

| Receiver | | | | Modeled Traffic Noise Levels | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | LAeq | | Increase over Existing | |
| Name | No. | Nb. R.R. | Existing LAeq | Calc. | Absolute Criterion | Calc. | Relative Criterion | Type of Impact |
| | | | dBA | dBA | dBA | dBA | dBA | |
| Receiver-P1 | 1 | 1 | --- | 69.7 | 0.0 | --- | --- | Sound Level |
| Receiver-P2 | 2 | 1 | --- | 61.5 | 0.0 | --- | --- | Sound Level |
| Receiver-P3 | 3 | 1 | --- | 57.7 | 0.0 | --- | --- | Sound Level |
| Receiver-P4 | 4 | 1 | --- | 60.2 | 0.0 | --- | --- | Sound Level |
| Receiver-P5 | 5 | 1 | --- | 66.4 | 0.0 | --- | --- | Sound Level |
| Receiver-P6 | 6 | 1 | --- | 55.6 | 0.0 | --- | --- | Sound Level |
| Receiver-P7 | 7 | 1 | --- | 70.1 | 0.0 | --- | --- | Sound Level |
| Receiver-P8 | 8 | 1 | --- | 71.0 | 0.0 | --- | --- | Sound Level |
| Receiver-P9 | 9 | 1 | --- | 69.2 | 0.0 | --- | --- | Sound Level |
| Receiver-10 | 10 | 1 | --- | 65.7 | 0.0 | --- | --- | Sound Level |

| | | |
|---|---|---|
| TNM VERSION | 3.0.7.60002 | REPORT DATE: 1 December 2020 |
| CALCULATED WITH: | 3.0.7.60002 | CALCULATION DATE: 12/1/2020 12:37:10 PM |
| CASE: | BCHD_P_FB_2032 | ORGANIZATION: Wood PLC |
| UNITS: | English | ANALYSIS BY: brian.cook |
| DEFAULT GROUND TYPE: | Pavement | PROJECT/CONTRACT |
| ATMOSPHERICS: | 68°F, 50% | Average pavement type shall be used unless a state |
| PAVEMENT TYPE(S) USED: | Average | highway agency substantiates the use of a different |
| | | type with approval FHWA. |

| Receiver | | | | Modeled Traffic Noise Levels | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | LAeq | | Increase over Existing | | |
| Name | No. | Nb. R.R. | Existing LAeq | Calc. | Absolute Criterion | Calc. | Relative Criterion | Type of Impact |
| | | | dBA | dBA | dBA | dBA | dBA | |
| Receiver-P1 | 1 | 1 | --- | 69.7 | 0.0 | --- | --- | Sound Level |
| Receiver-P2 | 2 | 1 | --- | 61.5 | 0.0 | --- | --- | Sound Level |
| Receiver-P3 | 3 | 1 | --- | 57.6 | 0.0 | --- | --- | Sound Level |
| Receiver-P4 | 4 | 1 | --- | 60.2 | 0.0 | --- | --- | Sound Level |
| Receiver-P5 | 5 | 1 | --- | 66.4 | 0.0 | --- | --- | Sound Level |
| Receiver-P6 | 6 | 1 | --- | 55.6 | 0.0 | --- | --- | Sound Level |
| Receiver-P7 | 7 | 1 | --- | 70.0 | 0.0 | --- | --- | Sound Level |
| Receiver-P8 | 8 | 1 | --- | 71.0 | 0.0 | --- | --- | Sound Level |
| Receiver-P9 | 9 | 1 | --- | 69.2 | 0.0 | --- | --- | Sound Level |
| Receiver-10 | 10 | 1 | --- | 65.7 | 0.0 | --- | --- | Sound Level |

ROADWAY CONSTRUCTION NOISE MODEL RESULTS

CONSTRUCTION EQUIPMENT NOISE

BY PHASE AND ACTIVITIES

## Construction Needs

| Phase | Construction Task | Start Date | End Date | Equipment Type | Number of Equipment | Equipment Hp (if known) | Hours per Day | Total Demolition Debris (ton) | Total Soil Import (cyd) | Total Soil Export (cyd) | Total Number Haul Truck Loads (loads/task) | Distance Traveled (miles/1-way) | Number of Trucking Days (Days) | Deliveries - Vendors, asphalt delivery, concrete delivery, etc. (loads/day) | Delivery Truck Distance Traveled (miles/1-way) | Delivery Truck Days (Days) | Number of Workers | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Phase I** | | | | | | | | | | | | | | | | | | |
| | **Sitework - Excavation** | | | Identify unique equipment such as crushing, large cranes, etc. | | | | | 0 | | | | | | | | | |
| | Asphalt demo | 2/11/2022 | 2/20/2022 | Portable impact crusher SMI 5256T | 1 | 475 HP | 4 | 100,000 SF | | | | | | | | | | |
| | | | | High side dump trucks | | | | | | | | | | | | | | |
| | | | | Loader Cat 966 | | | | | | | | | | | | | | |
| | Shoring (soldier piles) | 2/15/2022 | 3/11/2022 | Liebherr LB 24 drill Rig | 1 | | 6 | | | | | | | | | | | |
| | | | | Linkbelt TCC750 Crane | 1 | | 6 | | | | | | | | | | | |
| | Excavation | 3/11/2022 | 4/11/2022 | 70 ft Double Belly Dump Trucks | 16 | | 0.5 | | | 20,000 CY | | | | | | | | |
| | | | | Excavator Cat 345 | 1 | | 4 | | | | | | | | | | | |
| | | | | Scraper CAT 627 | 1 | | 6 | | | | | | | | | | | |
| | | | | Loader Cat 966 | 1 | | 6 | | | | | | | | | | | |
| | | | | Water Trucks | 1 | | 4 | | | | | | | | | | | |
| | Sitework - Exterior Improvements ( Landscape and Hardscape) | 6/30/2023 | 1/11/2024 | Identify unique equipment such as crushing, large cranes, etc. | | | | | | | | | | 3 | 40 | 25 | | Assume 600 CY of site concrete 75 trucks intermittent during 6 months of sitework - 75 concrete Deliveries (25 days of 3 per day) |
| | | | | Concrete truck deliveries | | | | | | | | | | | | | | |
| | | | | Material and equipment deliveries | 6 | | 2 | | | | | | | | | | | |
| | | | | Backhoes | 2 | | 4 | | | | | | | | | | | |
| | Mat Foundation | 4/11/2022 | 4/30/2022 | Identify unique equipment such as crushing, large cranes, etc. | | | | | | | | | | 48 | 40 | 15 | | Assume 5,800 CY of concrete 725 trucks during 15 day pour cycle - 725 concrete Deliveries (15 days of 48 per day) |
| | | | | Concrete truck deliveries | | | | | | | | | | | | | | |
| | | | | Concrete Pumping Trucks | 2 | | | | | | | | | | | | | |
| | | | | Reinforcing and form material deliveries | | | | | | | | | | | | | | |
| | Concrete Structure Level -1 and SOG | 4/30/2022 | 8/25/2022 | Identify unique equipment such as crushing, large cranes, etc. | | | | | | | | | | 5 | 40 | 80 | | Assume 3,500 CY of vertical and horizontal 437 trucks during 80 day duration - 437 concrete Deliveries (80 days of 5 average per day) |
| | | | | Tower Crane 250 Radius Liebherr 1000 ECH 40 | 1 | 147 HP | | | | | | | | | | | | |
| | | | | Concrete truck deliveries | | | | | | | | | | | | | | |
| | | | | Concrete Pumping Truck | | | | | | | | | | | | | | |
| | | | | Rebar & formwork material deliveries | | | | | | | | | | | | | | |
| | Structure (Wood Framing) | 8/26/2022 | 4/13/2023 | Identify unique equipment such as crushing, large cranes, etc. | | | | | | | | | | | | | | |
| | | | | Tower Crane 250 Radius Liebherr 1000 ECH 40 | 1 | 147 HP | | | | | | | | | | | | |
| | | | | Lumber another material deliveries | | | | | | | | | | | | | | |
| | | | | Crane | | | | | | | | | | | | | | |
| | | | | Forklift | | | | | | | | | | | | | | |
| | Exterior Enclosure and Roof | 11/25/2022 | 8/3/2023 | Identify unique equipment such as crushing, large cranes, etc. | | | | | | | | | | | | | | |
| | | | | Tower Crane 250 Radius Liebherr 1000 ECH 40 | 1 | 147 HP | | | | | | | | | | | | |
| | | | | Roofing, glazing, material deliveries | | | | | | | | | | | | | | |
| | | | | Crane | | | | | | | | | | | | | | |
| | | | | Forklift | | | | | | | | | | | | | | |
| | Rough-in | 4/28/2023 | 12/7/2023 | Identify unique equipment such as crushing, large cranes, etc. | | | | | | | | | | | | | | |
| | | | | MEP material deliveries | | | | | | | | | | | | | | |
| | | | | Forklift | | | | | | | | | | | | | | |
| | Finishes | 5/26/2023 | 2/15/2024 | Identify unique equipment such as crushing, large cranes, etc. | | | | | | | | | | | | | | |
| | | | | Finishes material deliveries | | | | | | | | | | | | | | |
| | | | | Forklift | | | | | | | | | | | | | | |
| | Relocate Existing Hospital | 4/5/2024 | 5/2/2024 | Identify unique equipment such as crushing, large cranes, etc. | | | | | | | | | | | | | | |
| | | | | Move Management Only | | | | | | | | | | | | | | |
| | Demo Existing Hospital | 5/3/2024 | 6/1/2024 | Identify unique equipment such as crushing, large cranes, etc. | | | | 32,000 CY | | | | | | | | | | |
| | | | | Portable impat cursher SMI 5256T | 1 | 475 HP | 8 | | | | | | | | | | | |
| | | | | High side dump trucks | | | | | | | | | | | | | | |
| | | | | Loader Cat 966 | 2 | | | | | | | | | | | | | |
| | Backfill existng Basement | 6/1/2024 | 6/27/2024 | 70 ft Double Belly Dump Trucks | | | | 14,000 CY | | | | | | | | | | |
| | | | | Excavator Cat 345 | | | | | | | | | | | | | | |
| | | | | Compactor | | | | | | | | | | | | | | |
| **Phase II** | | | | | | | | | | | | | | | | | | |
| | Sitework - Demo 512 Parking Structure | 9/2/2024 | 9/25/2024 | Identify unique equipment such as crushing, large cranes, etc. | | | | 7,000 CY | | | | | | | | | | |
| | | | | Portable impat cursher SMI 5256T | | | | | | | | | | | | | | |
| | | | | High side dump trucks | | | | | | | | | | | | | | |
| | | | | Loader Kamato 320 | | | | | | | | | | | | | | |
| | Sitework - Demo 510 Building | 9/2/2024 | 11/25/2024 | Portable impat cursher SMI 5256T | | | | 8550 CY | | | | | | | | | | |
| | | | | High side dump trucks | | | | | | | | | | | | | | |
| | | | | Loader Kamato 320 | | | | | | | | | | | | | | |
| | Sitework - Excavation/Utilities (Excavation for 1 level of parking structure) | 9/25/2024 | 10/25/2024 | 70 ft Double Belly Dump Trucks | | | | | | 11,000 CY | | | | | | | | |
| | | | | Excavator Cat 345 | 1 | 475 HP | 8 | | | | | | | | | | | |
| | | | | Scraper CAT 627 | | | | | | | | | | | | | | |
| | | | | Loader Cat 966 | | | | | | | | | | | | | | |
| | | | | Water Trucks | | | | | | | | | | | | | | |
| | Sitework - Exterior Improvements | 6/19/2026 | 12/28/2026 | Identify unique equipment such as crushing, large cranes, etc. | | | | | | | | | | 3 | 40 | 54 | | Assume 1,300 CY of site concrete 162 trucks intermittent during 8 months of sitework - 162 concrete Deliveries (54 days of 3 per day) |
| | | | | Concrete truck deliveries | | | | | | | | | | | | | | |
| | | | | Material and equipment deliveries | | | | | | | | | | | | | | |

| Phase | Start | End | Description | Qty | HP | | | | A | B | C | Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Backhoes | | | | | | | | | |
| Building - WP: Foundations and SOG | 10/28/2024 | 3/14/2025 | Identify unique equipment such as crushing, large cranes, etc. | | | | | | 12 | 40 | 12 | Assume 1,110 CY for foundation & slab, 143 trucks during 12 day duration - 143 concrete Deliveries (12 days of 12 average per day) |
| | | | Concrete truck deliveries | | | | | | | | | |
| | | | Concrete Pumping Truck | | | | | | | | | |
| | | | Reinforcing and form material deliveries | | | | | | | | | |
| Building - WP: Structure (Steel Faming) | 3/17/2025 | 8/1/2025 | Identify unique equipment such as crushing, large cranes, etc. | | | | | | | | | |
| | | | Steel Delieveries | | | | | | 2 steel | 40 | 8 | Assume 300 tons of steel 15 trucks over 8 days + 41 concrete deliveries (413 cy), 4 days of 12 per day |
| | | | Tower Crane 190 Radius Lieberr 125EC-B | 1 | 40 HP | | | | 12 concrete | 40 | 4 | |
| Building - WP: Exterior Enclosure and Roof | 6/9/2025 | 1/16/2026 | Identify unique equipment such as crushing, large cranes, etc. | | | | | | | | | |
| | | | Roofing, glazing, material deliveries | | | | | | | | | |
| | | | Crane | | | | | | | | | |
| | | | Forklift | | | | | | | | | |
| Building - WP: Rough-in | 6/23/2025 | 4/24/2026 | MEP material deliveries | | | | | | | | | |
| | | | Forklift | | | | | | | | | |
| Building - WP: Finishes | 9/15/2025 | 4/24/2026 | Identify unique equipment such as crushing, large cranes, etc. | | | | | | | | | |
| | | | Finishes material deliveries | | | | | | | | | |
| | | | Forklift | | | | | | | | | |
| Building - AC, CHF: Foundations and SOG | 1/28/2025 | 6/14/2025 | Identify unique equipment such as crushing, large cranes, etc. | | | | | | 12 | 40 | 19 | Assume 1,800 CY for foundation & slab, 230 trucks during 19 day duration - 230 concrete Deliveries (19 days of 12 average per day) |
| | | | Concrete truck deliveries | | | | | | | | | |
| | | | Concrete Pumping Truck | | | | | | | | | |
| | | | Reinforcing and form material deliveries | | | | | | | | | |
| Building - AC, CHF: Structure (Steel Faming) | 6/17/2025 | 12/1/2025 | Identify unique equipment such as crushing, large cranes, etc. | | | | | | | | | |
| | | | Steel Delieveries | | | | | | 2 steel | 40 | 9 | Assume 350 tons of steel 18 trucks over 9 day + 50 concrete deliveries (490 cy, 5 days of 12 per day |
| | | | Tower Crane 190 Radius Lieberr 125EC-B | 1 | 40 HP | | | | 12 concrete | 40 | 5 | |
| Building - AC, CHF: Exterior Enclosure and Roof | 9/9/2025 | 3/16/2026 | Identify unique equipment such as crushing, large cranes, etc. | | | | | | | | | |
| | | | Roofing, glazing, material deliveries | | | | | | | | | |
| | | | Crane | | | | | | | | | |
| | | | Forklift | | | | | | | | | |
| Building - AC, CHF, and WP: Rough-in | 9/23/2025 | 7/24/2026 | MEP material deliveries | | | | | | | | | |
| | | | Forklift | | | | | | | | | |
| Building - AC, CHF: Finishes | 12/15/2025 | 7/24/2026 | Identify unique equipment such as crushing, large cranes, etc. | | | | | | | | | |
| | | | Finishes material deliveries | | | | | | | | | |
| | | | Forklift | | | | | | | | | |
| Building - MOB Foundations and SOG | 2/28/2025 | 7/14/2025 | Identify unique equipment such as crushing, large cranes, etc. | | | | | | 12 | 40 | 16 | Assume 1,500 CY for foundation & slab, 195 trucks during 16 day duration - 195 concrete Deliveries (16 days of 12 average per day) |
| | | | Concrete truck deliveries | | | | | | | | | |
| | | | Concrete Pumping Truck | | | | | | | | | |
| | | | Reinforcing and form material deliveries | | | | | | | | | |
| Building - MOB Structure (Steel Faming) | 7/17/2025 | 12/1/2025 | Identify unique equipment such as crushing, large cranes, etc. | | | | | | 2 steel | 40 | 10 | Assume 400 tons of steel 20 trucks over 10 days + 62 concrete deliveries of floor fill (550 cy, 5 days of 12 per day |
| | | | Steel Delieveries | | | | | | | | | |
| | | | Tower Crane 190 Radius Lieberr 125EC-B | 1 | 40 HP | | | | 12 concrete | 40 | 5 | |
| Building - MOB: Exterior Enclosure and Roof | 10/9/2025 | 5/16/2026 | Identify unique equipment such as crushing, large cranes, etc. | | | | | | | | | |
| | | | Roofing, glazing, material deliveries | | | | | | | | | |
| | | | Crane | | | | | | | | | |
| | | | Forklift | | | | | | | | | |
| Building - MOB: Rough-in | 8/23/2025 | 5/24/2026 | MEP material deliveries | | | | | | | | | |
| | | | Forklift | | | | | | | | | |
| Building - MOB: Finishes | 1/15/2026 | 8/24/2026 | Identify unique equipment such as crushing, large cranes, etc. | | | | | | | | | |
| | | | Finishes material deliveries | | | | | | | | | |
| | | | Forklift | | | | | | | | | |
| Parking Garage - Foundations and SOG | 1/28/2025 | 6/14/2025 | Identify unique equipment such as crushing, large cranes, etc. | | | | | | 30 | 40 | 12 | Assume 3,000 CY of concrete 375 trucks during 12 day pour cycle - 3,000 concrete Deliveries (12 days of 30 per day) |
| | | | Concrete truck deliveries | | | | | | | | | |
| | | | Concrete Pumping Truck | | | | | | | | | |
| | | | Reinforcing and form material deliveries | | | | | | | | | |
| Parking Garage - Structure | 6/17/2025 | 9/5/2026 | Identify unique equipment such as crushing, large cranes, etc. | | | | | | 6 | 40 | 160 | Assume 8,000 CY of vertical and horizontal 1,000 trucks during 160 day duration - 1,000 concrete Deliveries (160 days of 6 average per day) |
| | | | Concrete truck deliveries | | | | | | | | | |
| | | | Concrete Pumping Truck | | | | | | | | | |
| | | | Reinforcing and form material deliveries | | | | | | | | | |
| Parking Garage - Exterior Enclosure and Roof | 4/19/2026 | 10/3/2026 | Identify unique equipment such as crushing, large cranes, etc. | | | | | | | | | |
| | | | Roofing, glazing, material deliveries | | | | | | | | | |
| Parking Garage - Rough-in | 4/19/2026 | 11/28/2026 | Identify unique equipment such as crushing, large cranes, etc. | | | | | | | | | |
| | | | MEP material deliveries | | | | | | | | | |
| | | | Forklift | | | | | | | | | |
| Parking Garage - Finishes | 6/16/2026 | 12/25/2026 | Identify unique equipment such as crushing, large cranes, etc. | | | | | | | | | |
| | | | Finishes material deliveries | | | | | | | | | |
| | | | Forklift | | | | | | | | | |

Roadway Construction Noise Model (RCNM),Version 1.1

Report date:          10/27/2020
Case Description:      BCHD_P1_211_220_2022

**** Receptor #1 ****

### Baselines (dBA)

| Description | Land Use | Daytime | Evening | Night |
|-----------|--------|-------|-------|-----|
| Residence | Residential | 75.0 | 55.0 | 45.0 |

### Equipment

| Description | Impact Device | Spec Usage (%) | Actual Lmax (dBA) | Receptor Lmax (dBA) | Estimated Distance (feet) | Shielding (dBA) |
|-----------|------|-----|-----|-----|--------|---------|
| Crusher | No | 40 | 86.0 | | 50.0 | 0.0 |
| Drill Rig Truck | No | 20 | 84.0 | | 50.0 | 0.0 |
| Crane | No | 16 | 85.0 | | 50.0 | 0.0 |

### Results

| Equipment | Calculated (dBA) Lmax | Calculated (dBA) Leq | Noise Limits Day Lmax | Noise Limits Day Leq | Noise Limits Evening Lmax | Noise Limits Evening Leq | Noise Limits Night Lmax | Noise Limits Night Leq | Noise Limit Exceedance Day Lmax | Noise Limit Exceedance Day Leq | Noise Limit Exceedance Evening Lmax | Noise Limit Exceedance Evening Leq | Noise Limit Exceedance Night Lmax | Noise Limit Exceedance Night Leq |
|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Crusher | 86.0 | 82.0 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Drill Rig Truck | 84.0 | 77.0 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Crane | 85.0 | 77.0 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Total | 86.0 | 84.2 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |

# Roadway Construction Noise Model (RCNM),Version 1.1

Report date:        10/27/2020
Case Description:      BCHD_P1_311_505_2022

**** Receptor #1 ****

### Baselines (dBA)

| Description | Land Use | Daytime | Evening | Night |
|---|---|---|---|---|
| Residence | Residential | 75.0 | 55.0 | 45.0 |

### Equipment

| Description | Impact Device | Usage (%) | Spec Lmax (dBA) | Actual Lmax (dBA) | Receptor Distance (feet) | Estimated Shielding (dBA) |
|---|---|---|---|---|---|---|
| Excavator | No | 40 | 85.0 | | 50.0 | 0.0 |
| Front End Loader | No | 40 | 80.0 | | 50.0 | 0.0 |
| Scraper | No | 40 | 85.0 | | 50.0 | 0.0 |
| Dump Truck | No | 40 | 84.0 | | 50.0 | 0.0 |
| Flat Bed Truck | No | 40 | 84.0 | | 50.0 | 0.0 |

### Results

| Equipment | Calculated (dBA) Lmax | Calculated (dBA) Leq | Noise Limits Day Lmax | Noise Limits Day Leq | Noise Limits Evening Lmax | Noise Limits Evening Leq | Noise Limits Night Lmax | Noise Limits Night Leq | Exceedance Day Lmax | Exceedance Day Leq | Exceedance Evening Lmax | Exceedance Evening Leq | Exceedance Night Lmax | Exceedance Night Leq |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excavator | 85.0 | 81.0 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Front End Loader | 80.0 | 76.0 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Scraper | 85.0 | 81.0 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Dump Truck | 84.0 | 80.0 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Flat Bed Truck | 84.0 | 80.0 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Total | 85.0 | 86.9 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |

# Roadway Construction Noise Model (RCNM),Version 1.1

Report date:  10/27/2020
Case Description:  BCHD_P1_031122_040722

#### **** Receptor #1 ****

### Baselines (dBA)

| Description | Land Use | Daytime | Evening | Night |
| --- | --- | --- | --- | --- |
| Residence | Residential | 75.0 | 55.0 | 45.0 |

### Equipment

| Description | Impact Device | Spec Usage (%) | Actual Lmax (dBA) | Receptor Lmax (dBA) | Estimated Distance (feet) | Shielding (dBA) |
| --- | --- | --- | --- | --- | --- | --- |
| Concrete Mixer Truck | No | 40 | 85.0 | | 50.0 | 0.0 |
| Concrete Pump Truck | No | 20 | 82.0 | | 50.0 | 0.0 |

### Results

| Equipment | Calculated (dBA) Lmax | Calculated (dBA) Leq | Noise Limits (dBA) Day Lmax | Noise Limits (dBA) Day Leq | Noise Limits (dBA) Evening Lmax | Noise Limits (dBA) Evening Leq | Noise Limits (dBA) Night Lmax | Noise Limits (dBA) Night Leq | Noise Limit Exceedance (dBA) Day Lmax | Noise Limit Exceedance (dBA) Day Leq | Noise Limit Exceedance (dBA) Evening Lmax | Noise Limit Exceedance (dBA) Evening Leq | Noise Limit Exceedance (dBA) Night Lmax | Noise Limit Exceedance (dBA) Night Leq |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Concrete Mixer Truck | 85.0 | 81.0 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Concrete Pump Truck | 82.0 | 75.0 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Total | 85.0 | 82.0 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |

# Roadway Construction Noise Model (RCNM),Version 1.1

Report date:  10/27/2020
Case Description:  BCHD_P1_041122_080522

#### **** Receptor #1 ****

#### Baselines (dBA)

| Description | Land Use | Daytime | Evening | Night |
|-----------|---------|--------|--------|------|
| Residence | Residential | 75.0 | 55.0 | 45.0 |

#### Equipment

| Description | Impact Device | Spec Usage (%) | Actual Lmax (dBA) | Receptor Lmax (dBA) | Estimated Distance (feet) | Shielding (dBA) |
|-----------|------|------|------|------|------|------|
| Crane | No | 16 | 85.0 | | 50.0 | 0.0 |
| Concrete Mixer Truck | No | 40 | | 78.8 | 50.0 | 0.0 |
| Concrete Pump Truck | No | 20 | 82.0 | | 50.0 | 0.0 |

#### Results

| Equipment | Calculated (dBA) Lmax | Calculated (dBA) Leq | Noise Limits (dBA) Day Lmax | Noise Limits (dBA) Day Leq | Noise Limits (dBA) Evening Lmax | Noise Limits (dBA) Evening Leq | Noise Limits (dBA) Night Lmax | Noise Limits (dBA) Night Leq | Noise Limit Exceedance (dBA) Day Lmax | Noise Limit Exceedance (dBA) Day Leq | Noise Limit Exceedance (dBA) Evening Lmax | Noise Limit Exceedance (dBA) Evening Leq | Noise Limit Exceedance (dBA) Night Lmax | Noise Limit Exceedance (dBA) Night Leq |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Crane | 85.0 | 77.0 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Concrete Mixer Truck | 78.8 | 74.8 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Concrete Pump Truck | 82.0 | 75.0 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Total | 85.0 | 80.5 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 10/27/2020
Case Description: BCHD_P1_042823_120723

**** Receptor #1 ****

### Baselines (dBA)

| Description | Land Use | Daytime | Evening | Night |
|-----------|----------|---------|---------|-------|
| Residence | Residential | 75.0 | 55.0 | 45.0 |

### Equipment

| Description | Spec<br>Impact<br>Device | Actual<br>Usage<br>(%) | Receptor<br>Lmax<br>(dBA) | Estimated<br>Lmax<br>(dBA) | Distance<br>(feet) | Shielding<br>(dBA) |
|-----------|------|------|------|------|--------|--------|
| All Other Equipment > 5 HP | No | 50 | 85.0 | | 50.0 | 0.0 |
| Flat Bed Truck | No | 40 | 84.0 | | 50.0 | 0.0 |

### Results

| | Calculated (dBA) | | Noise Limits (dBA) | | | | | | Noise Limit Exceedance (dBA) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Day | | Evening | | Night | | Day | | Evening | | Night | |
| Equipment | Lmax | Leq | Lmax | Leq | Lmax | Leq | Lmax | Leq | Lmax | Leq | Lmax | Leq | Lmax | Leq |
| All Other Equipment > 5 HP | 85.0 | 82.0 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Flat Bed Truck | 84.0 | 80.0 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Total | 85.0 | 84.1 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |

Roadway Construction Noise Model (RCNM),Version 1.1

Report date:     10/27/2020
Case Description:     BCHD_P1_050324_062724

**** Receptor #1 ****

### Baselines (dBA)

| Description | Land Use | Daytime | Evening | Night |
|-----------|--------|-------|-------|-----|
| Residence | Residential | 75.0 | 55.0 | 45.0 |

### Equipment

| Description | Impact Device | Spec Usage (%) | Actual Lmax (dBA) | Receptor Lmax (dBA) | Estimated Distance (feet) | Shielding (dBA) |
|-----------|------|-----|-----|-----|--------|---------|
| Crusher | No | 40 | 86.0 | | 50.0 | 0.0 |
| Dump Truck | No | 40 | 84.0 | | 50.0 | 0.0 |
| Excavator | No | 40 | 85.0 | | 50.0 | 0.0 |

### Results

| Equipment | Calculated (dBA) Lmax | Leq | Noise Limits (dBA) Day Lmax | Leq | Evening Lmax | Leq | Night Lmax | Leq | Noise Limit Exceedance (dBA) Day Lmax | Leq | Evening Lmax | Leq | Night Lmax | Leq |
|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Crusher | 86.0 | 82.0 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Dump Truck | 84.0 | 80.0 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Excavator | 85.0 | 81.0 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Total | 86.0 | 85.9 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |

# Roadway Construction Noise Model (RCNM),Version 1.1

Report date:       10/27/2020
Case Description:     BCHD_P1_052623_021524

**** Receptor #1 ****

### Baselines (dBA)

| Description | Land Use | Daytime | Evening | Night |
|-----------|----------|---------|---------|-------|
| Residence | Residential | 75.0 | 55.0 | 45.0 |

### Equipment

| Description | Impact Device | Spec Usage (%) | Actual Lmax (dBA) | Receptor Lmax (dBA) | Estimated Distance (feet) | Shielding (dBA) |
|-----------|--------------|------|-----|-----|--------|---------|
| All Other Equipment > 5 HP | No | 50 | 85.0 | | 50.0 | 0.0 |
| Flat Bed Truck | No | 40 | 84.0 | | 50.0 | 0.0 |

### Results

| Equipment | Calculated (dBA) Lmax | Leq | Noise Limits Day Lmax | Leq | Evening Lmax | Leq | Night Lmax | Leq | Exceedance Day Lmax | Leq | Evening Lmax | Leq | Night Lmax | Leq |
|---------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| All Other Equipment > 5 HP | 85.0 | 82.0 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Flat Bed Truck | 84.0 | 80.0 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Total | 85.0 | 84.1 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |

# Roadway Construction Noise Model (RCNM),Version 1.1

Report date:        10/27/2020
Case Description:        BCHD_P1_6302023_01112024

**** Receptor #1 ****

### Baselines (dBA)

| Description | Land Use | Daytime | Evening | Night |
|-----------|--------|-------|-------|-----|
| Residence | Residential | 75.0 | 55.0 | 45.0 |

### Equipment

| Description | Impact Device | Spec Usage (%) | Actual Lmax (dBA) | Receptor Lmax (dBA) | Estimated Distance (feet) | Shielding (dBA) |
|-----------|------|-----|-----|-----|--------|---------|
| Concrete Mixer Truck | No | 40 | 85.0 | | 50.0 | 0.0 |
| Backhoe | No | 40 | 80.0 | | 50.0 | 0.0 |
| Flat Bed Truck | No | 40 | 84.0 | | 50.0 | 0.0 |

### Results

| Equipment | Calculated (dBA) Lmax | Calculated (dBA) Leq | Noise Limits Day Lmax | Day Leq | Evening Lmax | Evening Leq | Night Lmax | Night Leq | Exceedance Day Lmax | Day Leq | Evening Lmax | Evening Leq | Night Lmax | Night Leq |
|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Concrete Mixer Truck | 85.0 | 81.0 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Backhoe | 80.0 | 76.0 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Flat Bed Truck | 84.0 | 80.0 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Total | 85.0 | 84.3 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |

Roadway Construction Noise Model (RCNM),Version 1.1

Report date:       10/27/2020
Case Description:       BCHD_P1_082622_041323

**** Receptor #1 ****

### Baselines (dBA)

| Description | Land Use | Daytime | Evening | Night |
|-----------|--------|-------|-------|-----|
| Residence | Residential | 75.0 | 55.0 | 45.0 |

### Equipment

| Description | Impact Device | Spec Usage (%) | Actual Lmax (dBA) | Receptor Lmax (dBA) | Estimated Distance (feet) | Shielding (dBA) |
|-----------|------|-----|-----|-----|--------|---------|
| All Other Equipment > 5 HP | No | 50 | 85.0 | | 50.0 | 0.0 |
| Crane | No | 16 | 85.0 | | 50.0 | 0.0 |
| Crane | No | 16 | 85.0 | | 50.0 | 0.0 |
| Flat Bed Truck | No | 40 | 84.0 | | 50.0 | 0.0 |

### Results

| Equipment | Calculated (dBA) Lmax | Leq | Day Lmax | Leq | Evening Lmax | Leq | Night Lmax | Leq | Day Lmax | Leq | Evening Lmax | Leq | Night Lmax | Leq |
|---------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| All Other Equipment > 5 HP | 85.0 | 82.0 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Crane | 85.0 | 77.0 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Crane | 85.0 | 77.0 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Flat Bed Truck | 84.0 | 80.0 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Total | 85.0 | 85.6 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |

Noise Limits (dBA) / Noise Limit Exceedance (dBA)

Roadway Construction Noise Model (RCNM),Version 1.1

Report date:        10/27/2020
Case Description:        BCHD_P1_112522_083523

**** Receptor #1 ****

### Baselines (dBA)

| Description | Land Use | Daytime | Evening | Night |
|-----------|--------|-------|-------|-----|
| Residence | Residential | 75.0 | 55.0 | 45.0 |

### Equipment

| Description | Impact Device | Spec Usage (%) | Actual Lmax (dBA) | Receptor Lmax (dBA) | Estimated Distance (feet) | Shielding (dBA) |
|-----------|------|-----|-----|-----|--------|---------|
| All Other Equipment > 5 HP | No | 50 | 85.0 | | 50.0 | 0.0 |
| Crane | No | 16 | 85.0 | | 50.0 | 0.0 |
| Crane | No | 16 | 85.0 | | 50.0 | 0.0 |
| Flat Bed Truck | No | 40 | 84.0 | | 50.0 | 0.0 |

### Results

| | Calculated (dBA) | | Noise Limits (dBA) Day | | Evening | | Night | | Noise Limit Exceedance (dBA) Day | | Evening | | Night | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Equipment | Lmax | Leq | Lmax | Leq | Lmax | Leq | Lmax | Leq | Lmax | Leq | Lmax | Leq | Lmax | Leq |
| All Other Equipment > 5 HP | 85.0 | 82.0 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Crane | 85.0 | 77.0 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Crane | 85.0 | 77.0 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Flat Bed Truck | 84.0 | 80.0 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Total | 85.0 | 85.6 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |

Roadway Construction Noise Model (RCNM),Version 1.1

Report date:        10/27/2020
Case Description:        BCHD_P2_011926__070326

**** Receptor #1 ****

Baselines (dBA)

| Description | Land Use | Daytime | Evening | Night |
| --- | --- | --- | --- | --- |
| Residence | Residential | 75.0 | 55.0 | 45.0 |

Equipment

| Description | Impact Device | Spec Usage (%) | Actual Lmax (dBA) | Receptor Lmax (dBA) | Estimated Distance (feet) | Shielding (dBA) |
| --- | --- | --- | --- | --- | --- | --- |
| Flat Bed Truck | No | 40 | 84.0 | | 50.0 | 0.0 |

Results

|  | Calculated (dBA) | | Noise Limits (dBA) | | | | | | Noise Limit Exceedance (dBA) | | | | | |
|  |  | | Day | | Evening | | Night | | Day | | Evening | | Night | |
| Equipment | Lmax | Leq | Lmax | Leq | Lmax | Leq | Lmax | Leq | Lmax | Leq | Lmax | Leq | Lmax | Leq |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Flat Bed Truck | 84.0 | 80.0 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Total | 84.0 | 80.0 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |

Roadway Construction Noise Model (RCNM),Version 1.1

Report date:        10/27/2020
Case Description:        BCHD_P2_011926__082826

**** Receptor #1 ****

### Baselines (dBA)

| Description | Land Use | Daytime | Evening | Night |
|-----------|----------|---------|---------|-------|
| Residence | Residential | 75.0 | 55.0 | 45.0 |

### Equipment

| Description | Impact Device | Spec Usage (%) | Actual Lmax (dBA) | Receptor Lmax (dBA) | Estimated Distance (feet) | Shielding (dBA) |
|-----------|---------------|----------------|-------------------|---------------------|---------------------------|-----------------|
| All Other Equipment > 5 HP | No | 50 | 85.0 | | 50.0 | 0.0 |
| Flat Bed Truck | No | 40 | 84.0 | | 50.0 | 0.0 |

### Results

| Equipment | Calculated (dBA) Lmax | Calculated (dBA) Leq | Noise Limits Day Lmax | Noise Limits Day Leq | Noise Limits Evening Lmax | Noise Limits Evening Leq | Noise Limits Night Lmax | Noise Limits Night Leq | Exceedance Day Lmax | Exceedance Day Leq | Exceedance Evening Lmax | Exceedance Evening Leq | Exceedance Night Lmax | Exceedance Night Leq |
|-----------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| All Other Equipment > 5 HP | 85.0 | 82.0 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Flat Bed Truck | 84.0 | 80.0 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Total | 85.0 | 84.1 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |

Roadway Construction Noise Model (RCNM),Version 1.1

Report date:        10/27/2020
Case Description:        BCHD_P2_031626__092526

**** Receptor #1 ****

### Baselines (dBA)

| Description | Land Use | Daytime | Evening | Night |
|-----------|----------|---------|---------|-------|
| Residence | Residential | 75.0 | 55.0 | 45.0 |

### Equipment

| Description | Impact Device | Spec Usage (%) | Actual Lmax (dBA) | Receptor Lmax (dBA) | Estimated Distance (feet) | Shielding (dBA) |
|-----------|---------------|----------------|-------------------|---------------------|---------------------------|-----------------|
| All Other Equipment > 5 HP | No | 50 | 85.0 | | 50.0 | 0.0 |
| Flat Bed Truck | No | 40 | 84.0 | | 50.0 | 0.0 |

### Results

| Equipment | Calculated (dBA) Lmax | Leq | Noise Limits Day Lmax | Leq | Evening Lmax | Leq | Night Lmax | Leq | Exceedance Day Lmax | Leq | Evening Lmax | Leq | Night Lmax | Leq |
|-----------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| All Other Equipment > 5 HP | 85.0 | 82.0 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Flat Bed Truck | 84.0 | 80.0 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Total | 85.0 | 84.1 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |

# Roadway Construction Noise Model (RCNM),Version 1.1

Report date:        10/27/2020
Case Description:       BCHD_P2_031725__060526

**** Receptor #1 ****

### Baselines (dBA)

| Description | Land Use | Daytime | Evening | Night |
|-----------|----------|---------|---------|-------|
| Residence | Residential | 75.0 | 55.0 | 45.0 |

### Equipment

| Description | Impact Device | Spec Usage (%) | Actual Lmax (dBA) | Receptor Lmax (dBA) | Estimated Distance (feet) | Shielding (dBA) |
|-----------|--------|------|------|------|----------|----------|
| Flat Bed Truck | No | 40 | 84.0 | | 50.0 | 0.0 |
| Concrete Mixer Truck | No | 40 | 85.0 | | 50.0 | 0.0 |
| Concrete Pump Truck | No | 20 | 82.0 | | 50.0 | 0.0 |

### Results

| Equipment | Calculated (dBA) Lmax | Calculated (dBA) Leq | Noise Limits Day Lmax | Noise Limits Day Leq | Noise Limits Evening Lmax | Noise Limits Evening Leq | Noise Limits Night Lmax | Noise Limits Night Leq | Exceedance Day Lmax | Exceedance Day Leq | Exceedance Evening Lmax | Exceedance Evening Leq | Exceedance Night Lmax | Exceedance Night Leq |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Flat Bed Truck | 84.0 | 80.0 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Concrete Mixer Truck | 85.0 | 81.0 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Concrete Pump Truck | 82.0 | 75.0 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Total | 85.0 | 84.1 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |

# Roadway Construction Noise Model (RCNM),Version 1.1

Report date:         10/27/2020
Case Description:      BCHD_P2_031725_080125

#### **** Receptor #1 ****

### Baselines (dBA)

| Description | Land Use | Daytime | Evening | Night |
|---|---|---|---|---|
| Residence | Residential | 75.0 | 55.0 | 45.0 |

### Equipment

| Description | Impact Device | Spec Usage (%) | Actual Lmax (dBA) | Receptor Lmax (dBA) | Estimated Distance (feet) | Shielding (dBA) |
|---|---|---|---|---|---|---|
| Crane | No | 16 | 85.0 | | 50.0 | 0.0 |

### Results

| | Calculated (dBA) | | Noise Limits (dBA) Day | | Evening | | Night | | Noise Limit Exceedance (dBA) Day | | Evening | | Night | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Equipment | Lmax | Leq | Lmax | Leq | Lmax | Leq | Lmax | Leq | Lmax | Leq | Lmax | Leq | Lmax | Leq |
| Crane | 85.0 | 77.0 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Total | 85.0 | 77.0 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |

# Roadway Construction Noise Model (RCNM),Version 1.1

Report date:     10/27/2020
Case Description:     BCHD_P2_060925_011626

#### **** Receptor #1 ****

### Baselines (dBA)

| Description | Land Use | Daytime | Evening | Night |
|-----------|----------|---------|---------|-------|
| Residence | Residential | 75.0 | 55.0 | 45.0 |

### Equipment

| Description | Spec Impact Device | Usage (%) | Actual Lmax (dBA) | Receptor Lmax (dBA) | Estimated Distance (feet) | Shielding (dBA) |
|-----------|------|-----|-----|-----|--------|---------|
| All Other Equipment > 5 HP | No | 50 | 85.0 | | 50.0 | 0.0 |
| Flat Bed Truck | No | 40 | 84.0 | | 50.0 | 0.0 |
| Crane | No | 16 | 85.0 | | 50.0 | 0.0 |

### Results

| Equipment | Calculated (dBA) Lmax | Calculated (dBA) Leq | Noise Limits (dBA) Day Lmax | Day Leq | Evening Lmax | Evening Leq | Night Lmax | Night Leq | Noise Limit Exceedance (dBA) Day Lmax | Day Leq | Evening Lmax | Evening Leq | Night Lmax | Night Leq |
|---------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| All Other Equipment > 5 HP | 85.0 | 82.0 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Flat Bed Truck | 84.0 | 80.0 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Crane | 85.0 | 77.0 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Total | 85.0 | 84.9 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 10/27/2020
Case Description: BCHD_P2_062325_042426

**** Receptor #1 ****

### Baselines (dBA)

| Description | Land Use | Daytime | Evening | Night |
|-----------|----------|---------|---------|-------|
| Residence | Residential | 75.0 | 55.0 | 45.0 |

### Equipment

| Description | Impact Device | Spec Usage (%) | Actual Lmax (dBA) | Receptor Lmax (dBA) | Estimated Distance (feet) | Shielding (dBA) |
|-----------|--------------|-----|-----|-----|---------|---------|
| All Other Equipment > 5 HP | No | 50 | 85.0 | | 50.0 | 0.0 |
| Flat Bed Truck | No | 40 | 84.0 | | 50.0 | 0.0 |

### Results

| Equipment | Calculated (dBA) Lmax | Leq | Day Lmax | Leq | Evening Lmax | Leq | Night Lmax | Leq | Day Lmax | Leq | Evening Lmax | Leq | Night Lmax | Leq |
|---------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| All Other Equipment > 5 HP | 85.0 | 82.0 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Flat Bed Truck | 84.0 | 80.0 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Total | 85.0 | 84.1 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |

# Roadway Construction Noise Model (RCNM),Version 1.1

Report date:          10/27/2020
Case Description:      BCHD_P2_090224_102524

**** Receptor #1 ****

### Baselines (dBA)

| Description | Land Use | Daytime | Evening | Night |
|-----------|----------|---------|---------|-------|
| Residence | Residential | 75.0 | 55.0 | 45.0 |

### Equipment

| Description | Impact Device | Spec Usage (%) | Actual Lmax (dBA) | Receptor Lmax (dBA) | Estimated Distance (feet) | Shielding (dBA) |
|-----------|--------|-------|------|------|----------|----------|
| Crusher | No | 40 | 86.0 | | 50.0 | 0.0 |
| Drill Rig Truck | No | 20 | 84.0 | | 50.0 | 0.0 |
| Excavator | No | 40 | 85.0 | | 50.0 | 0.0 |
| Front End Loader | No | 40 | 80.0 | | 50.0 | 0.0 |
| Scraper | No | 40 | 85.0 | | 50.0 | 0.0 |
| Dump Truck | No | 40 | 84.0 | | 50.0 | 0.0 |
| All Other Equipment > 5 HP | No | 50 | 85.0 | | 50.0 | 0.0 |
| Flat Bed Truck | No | 40 | 84.0 | | 50.0 | 0.0 |

### Results

| | | | | Noise Limits (dBA) | | | | | | Noise Limit Exceedance (dBA) | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| | Calculated (dBA) | | Day | | Evening | | Night | | Day | | Evening | | Night | | |
| Equipment | Lmax | Leq | Lmax | Leq | Lmax | Leq | Lmax | Leq | Lmax | Leq | Lmax | Leq | Lmax | Leq |
| Crusher | 86.0 | 82.0 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Drill Rig Truck | 84.0 | 77.0 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Excavator | 85.0 | 81.0 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Front End Loader | 80.0 | 76.0 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Scraper | 85.0 | 81.0 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Dump Truck | 84.0 | 80.0 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| All Other Equipment > 5 HP | 85.0 | 82.0 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Flat Bed Truck | 84.0 | 80.0 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Total | 86.0 | 89.4 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |

N/A

Roadway Construction Noise Model (RCNM),Version 1.1

Report date:     10/27/2020
Case Description:     BCHD_P2_091525_042426

**** Receptor #1 ****

### Baselines (dBA)

| Description | Land Use | Daytime | Evening | Night |
|-----------|----------|---------|---------|-------|
| Residence | Residential | 75.0 | 55.0 | 45.0 |

### Equipment

| Description | Impact Device | Spec Usage (%) | Actual Lmax (dBA) | Receptor Lmax (dBA) | Estimated Distance (feet) | Shielding (dBA) |
|-----------|--------------|------|------|------|----------|----------|
| All Other Equipment > 5 HP | No | 50 | 85.0 | | 50.0 | 0.0 |
| Flat Bed Truck | No | 40 | 84.0 | | 50.0 | 0.0 |

### Results

| Equipment | Calculated (dBA) Lmax | Leq | Noise Limits (dBA) Day Lmax | Leq | Evening Lmax | Leq | Night Lmax | Leq | Noise Limit Exceedance (dBA) Day Lmax | Leq | Evening Lmax | Leq | Night Lmax | Leq |
|----------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| All Other Equipment > 5 HP | 85.0 | 82.0 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Flat Bed Truck | 84.0 | 80.0 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Total | 85.0 | 84.1 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |

# Roadway Construction Noise Model (RCNM),Version 1.1

Report date:        10/27/2020
Case Description:        BCHD_P2_102824_031425

**** Receptor #1 ****

### Baselines (dBA)

| Description | Land Use | Daytime | Evening | Night |
|-----------|----------|---------|---------|-------|
| Residence | Residential | 75.0 | 55.0 | 45.0 |

### Equipment

| Description | Impact Device | Spec Usage (%) | Actual Lmax (dBA) | Receptor Lmax (dBA) | Estimated Distance (feet) | Shielding (dBA) |
|-----------|---------------|----------------|-------------------|---------------------|---------------------------|-----------------|
| Flat Bed Truck | No | 40 | 84.0 | | 50.0 | 0.0 |
| Concrete Mixer Truck | No | 40 | 85.0 | | 50.0 | 0.0 |
| Concrete Pump Truck | No | 20 | 82.0 | | 50.0 | 0.0 |

### Results

|  | Calculated (dBA) | | Noise Limits (dBA) Day | | Evening | | Night | | Noise Limit Exceedance (dBA) Day | | Evening | | Night | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Equipment | Lmax | Leq | Lmax | Leq | Lmax | Leq | Lmax | Leq | Lmax | Leq | Lmax | Leq | Lmax | Leq |
| Flat Bed Truck | 84.0 | 80.0 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Concrete Mixer Truck | 85.0 | 81.0 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Concrete Pump Truck | 82.0 | 75.0 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Total | 85.0 | 84.1 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |