

# NWAA Labs, Inc.

90 Tower Blvd,  
Elma, WA 98541  
(253)-973-1018

|                             |               |
|-----------------------------|---------------|
| Test #                      | NWAB210823-01 |
| Test Date:                  | 23-Aug-21     |
| Mounting per ASTM E795-00:  | A Mount       |
| Area Tested: M <sup>2</sup> | 11.84         |
| Temperature: °C             | 23            |
| Barometer: pa               | 100000        |
| Humidity: %                 | 63            |

|     |      |
|-----|------|
| NRC | 0.75 |
| SAA | 0.74 |

| MBI Bandit 6" x 16" w frame |                        |                              |                     |
|-----------------------------|------------------------|------------------------------|---------------------|
| Frequency (Hz)              | Absorption Coefficient | Absorption (m <sup>2</sup> ) | Absorption (sabins) |
| 25Hz                        | 0.00                   | 0.00                         | 0.00                |
| 31.5Hz                      | 0.03                   | 0.38                         | 4.10                |
| 40Hz                        | 0.00                   | 0.00                         | 0.00                |
| 50Hz                        | 0.10                   | 1.14                         | -35.80              |
| 63Hz                        | 0.08                   | 0.90                         | 9.70                |
| 80Hz                        | 0.17                   | 2.05                         | 22.10               |
| 100Hz                       | 0.59                   | 6.94                         | 74.70               |
| 125Hz                       | 0.65                   | 7.66                         | 82.40               |
| 160Hz                       | 0.80                   | 9.43                         | 101.50              |
| 200Hz                       | 0.86                   | 10.23                        | 110.10              |
| 250Hz                       | 0.94                   | 11.08                        | 119.30              |
| 315Hz                       | 1.03                   | 12.23                        | 131.60              |
| 400Hz                       | 1.01                   | 11.95                        | 128.70              |
| 500Hz                       | 0.83                   | 9.78                         | 105.30              |
| 630Hz                       | 0.72                   | 8.51                         | 91.70               |
| 800Hz                       | 0.73                   | 8.63                         | 92.90               |
| 1000Hz                      | 0.71                   | 8.45                         | 91.00               |
| 1250Hz                      | 0.65                   | 7.70                         | 82.90               |
| 1600Hz                      | 0.57                   | 6.73                         | 72.50               |
| 2000Hz                      | 0.45                   | 5.32                         | 57.30               |
| 2500Hz                      | 0.37                   | 4.32                         | 46.50               |
| 3150Hz                      | 0.29                   | 3.42                         | 36.80               |
| 4000Hz                      | 0.19                   | 2.30                         | 24.80               |
| 5000Hz                      | 0.16                   | 1.88                         | 20.20               |
| 6300Hz                      | 0.13                   | 1.51                         | 16.20               |
| 8000Hz                      | 0.05                   | 0.59                         | 6.40                |
| 10000Hz                     | 0.05                   | 0.56                         | 6.00                |

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