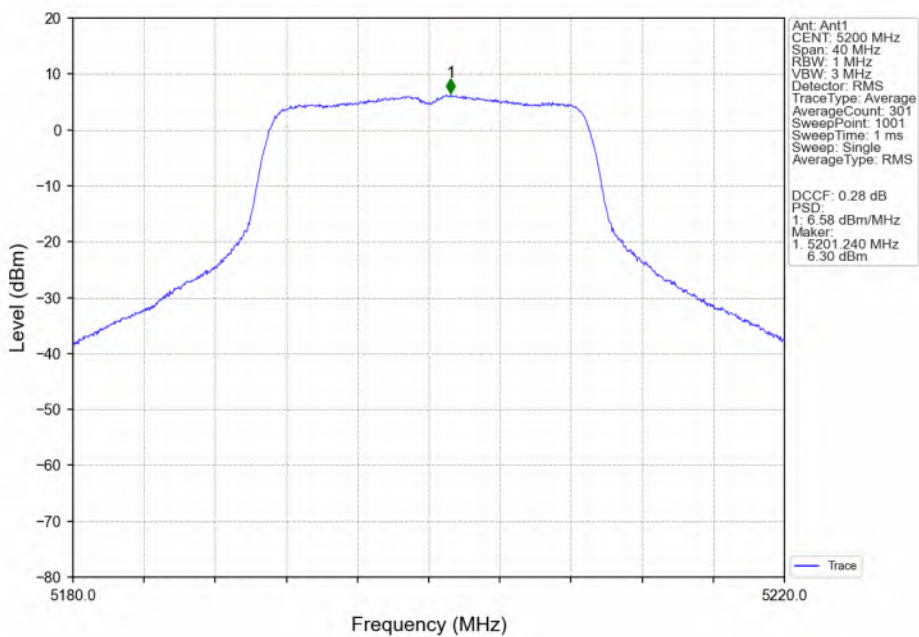
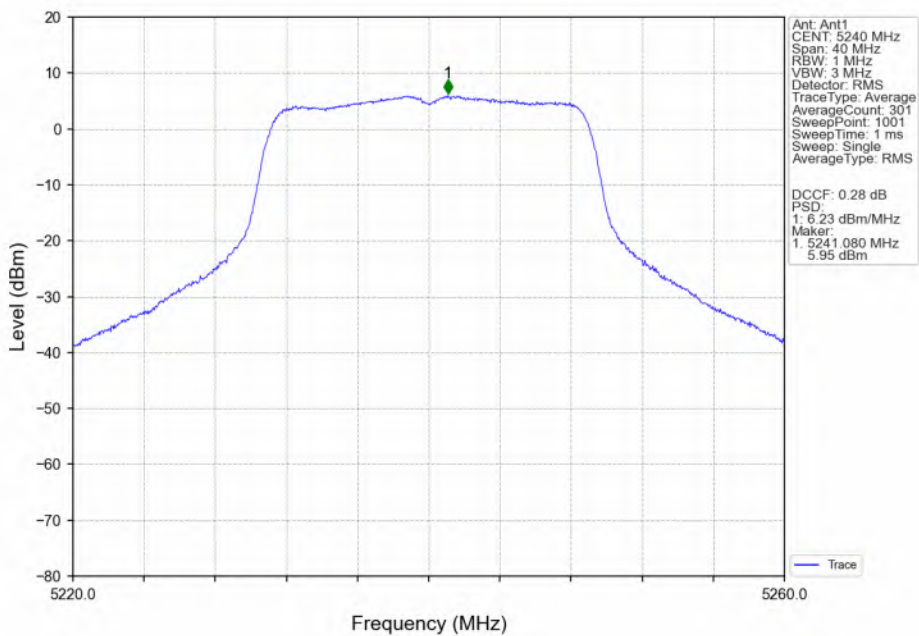


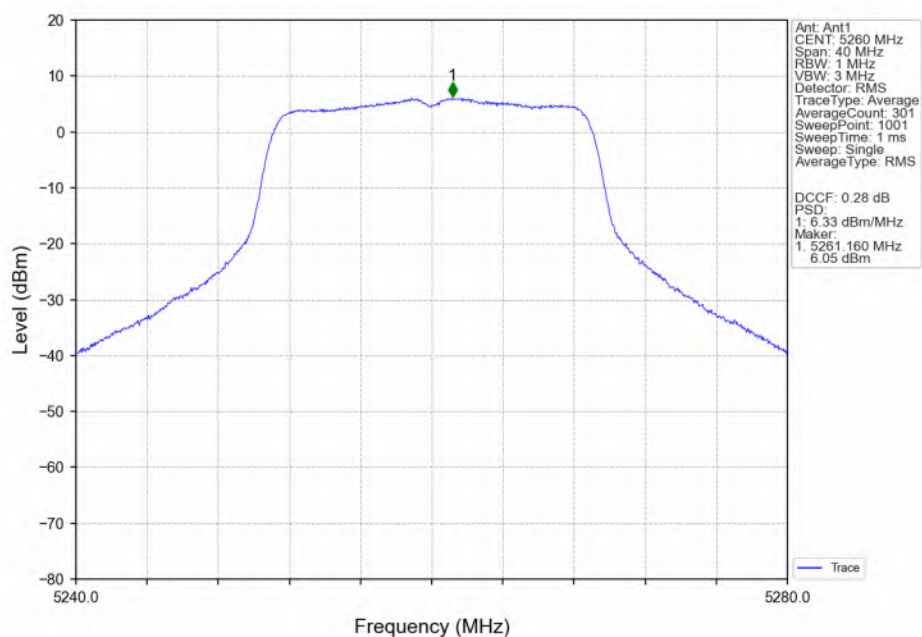
802.11ac(VHT20)\_MCH\_5200MHz\_Ant1\_NTNV



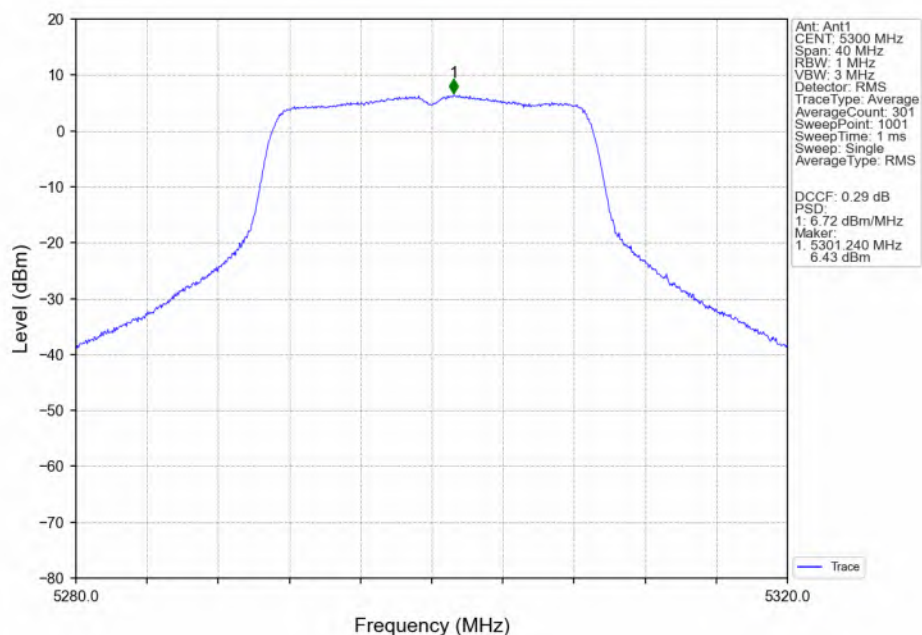
802.11ac(VHT20)\_HCH\_5240MHz\_Ant1\_NTNV



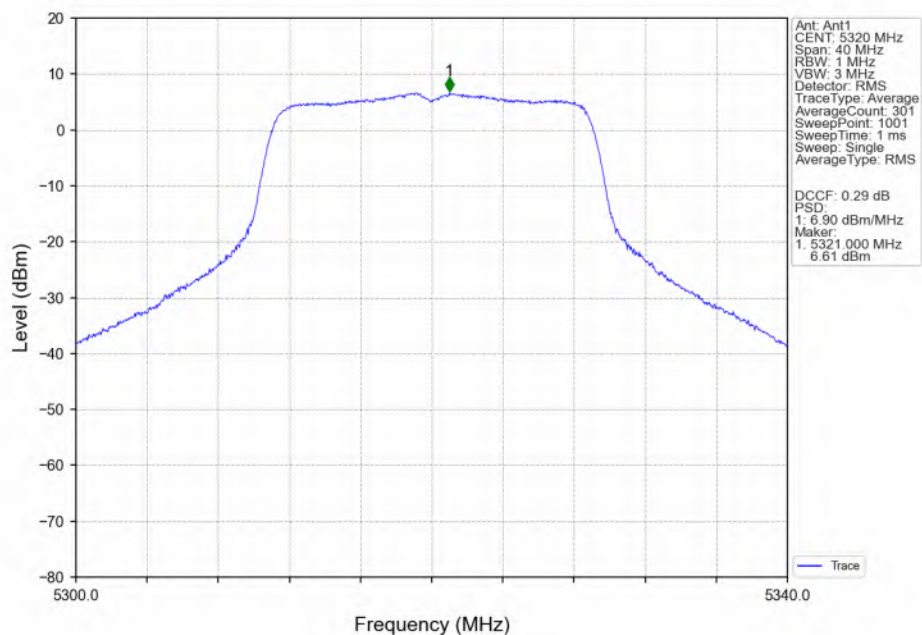
802.11ac(VHT20)\_LCH\_5260MHz\_Ant1\_NTNV



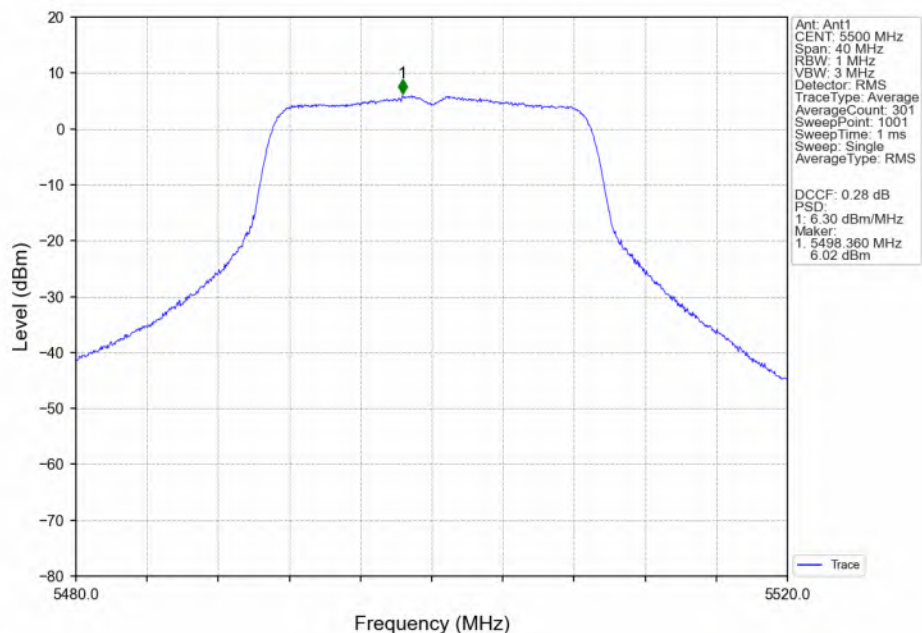
802.11ac(VHT20)\_MCH\_5300MHz\_Ant1\_NTNV



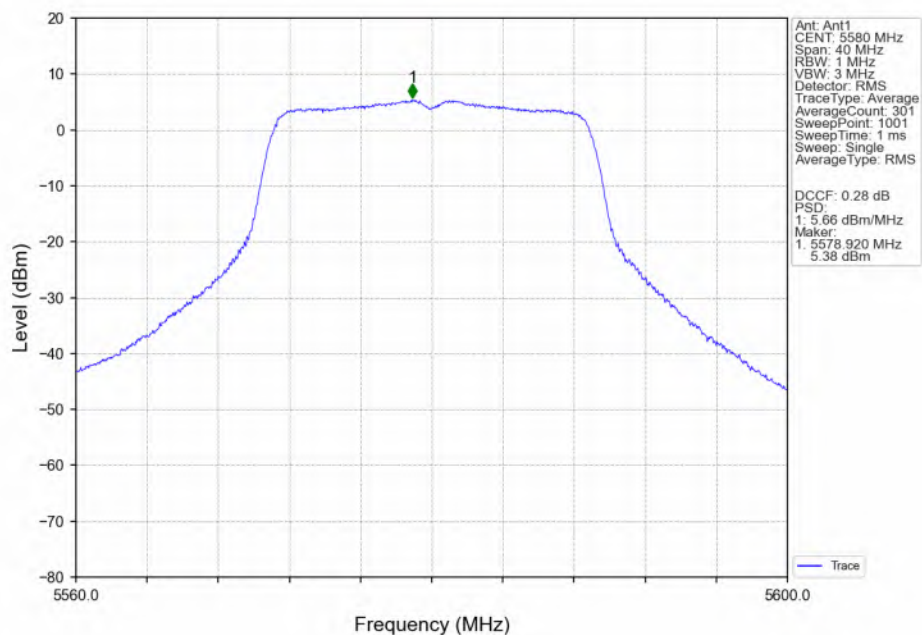
802.11ac(VHT20)\_HCH\_5320MHz\_Ant1\_NTNV



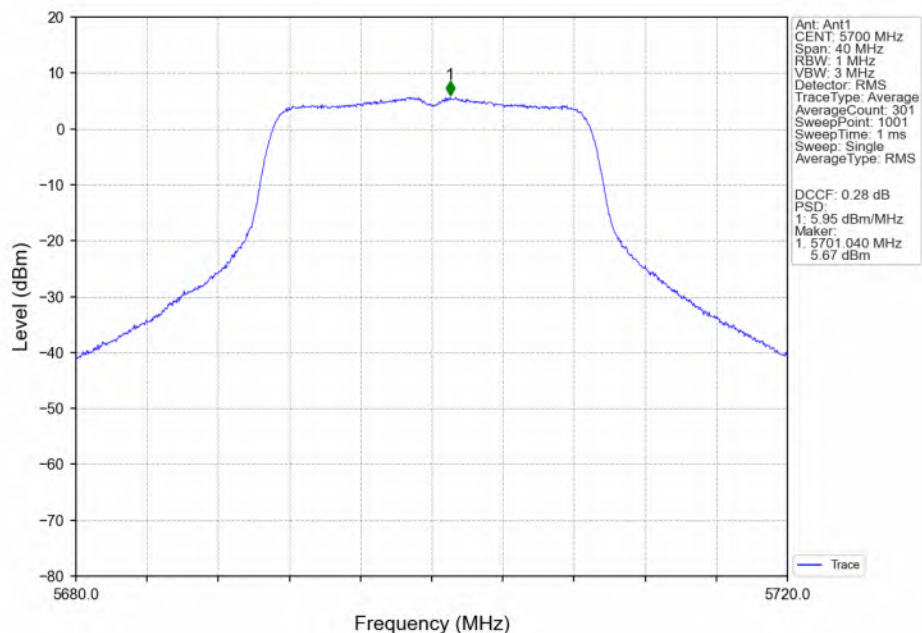
802.11ac(VHT20)\_LCH\_5500MHz\_Ant1\_NTNV



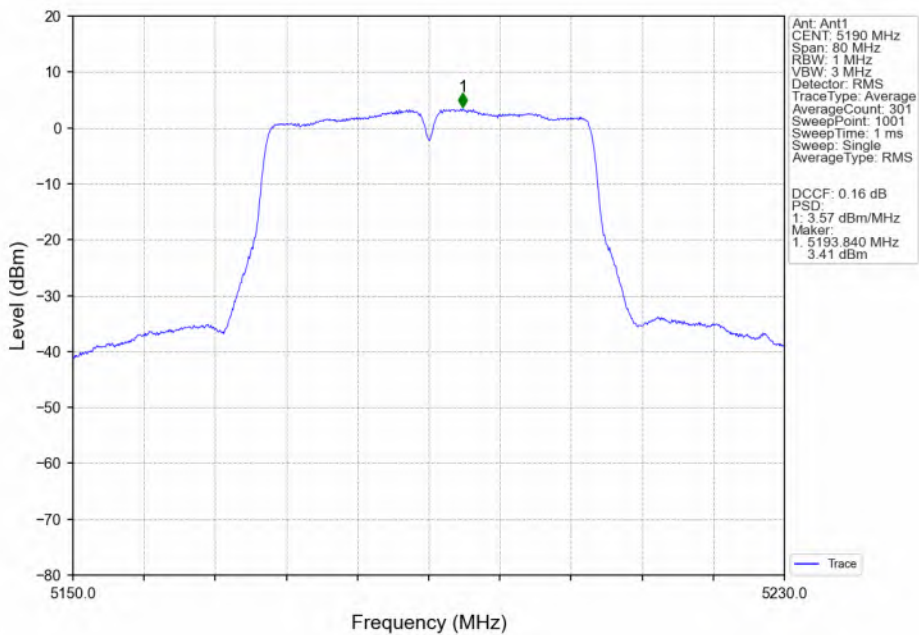
802.11ac(VHT20)\_MCH\_5580MHz\_Ant1\_NTNV



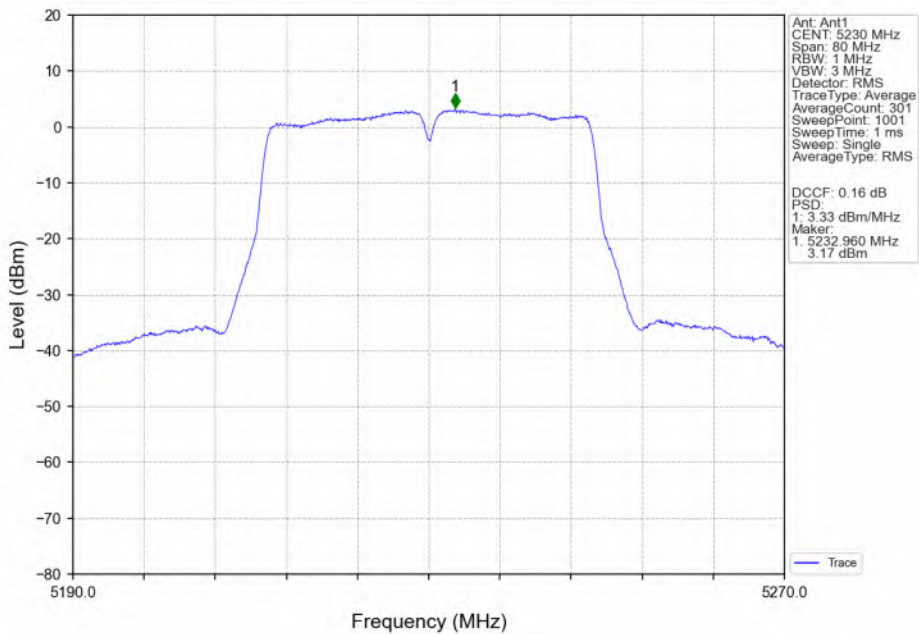
802.11ac(VHT20)\_HCH\_5700MHz\_Ant1\_NTNV



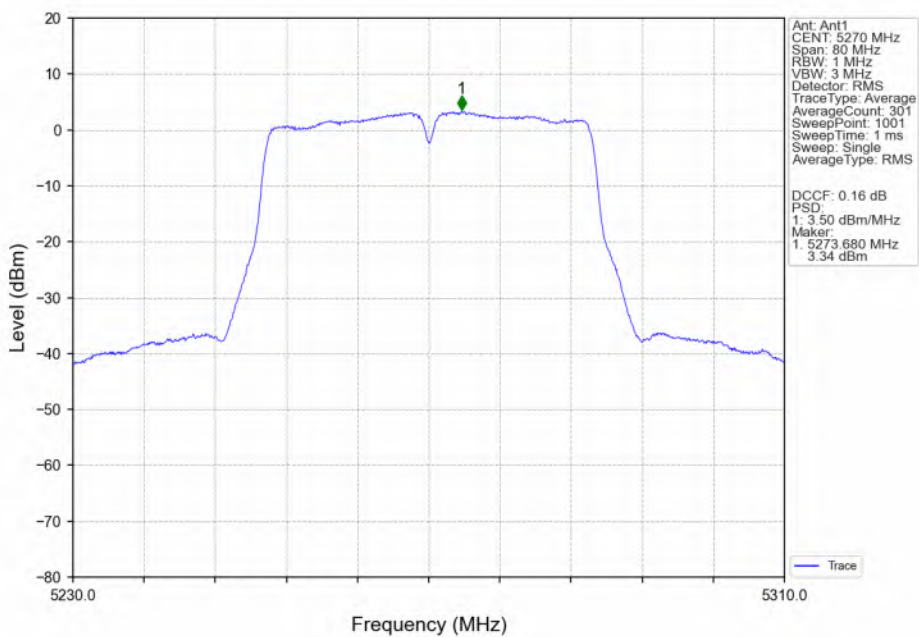
802.11ac(VHT40)\_LCH\_5190MHz\_Ant1\_NTNV



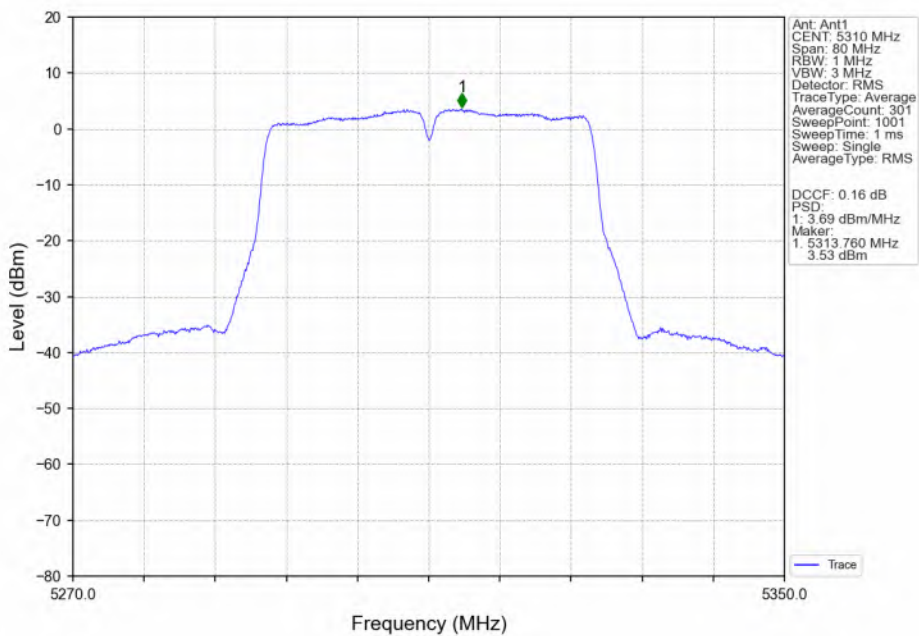
802.11ac(VHT40)\_HCH\_5230MHz\_Ant1\_NTNV



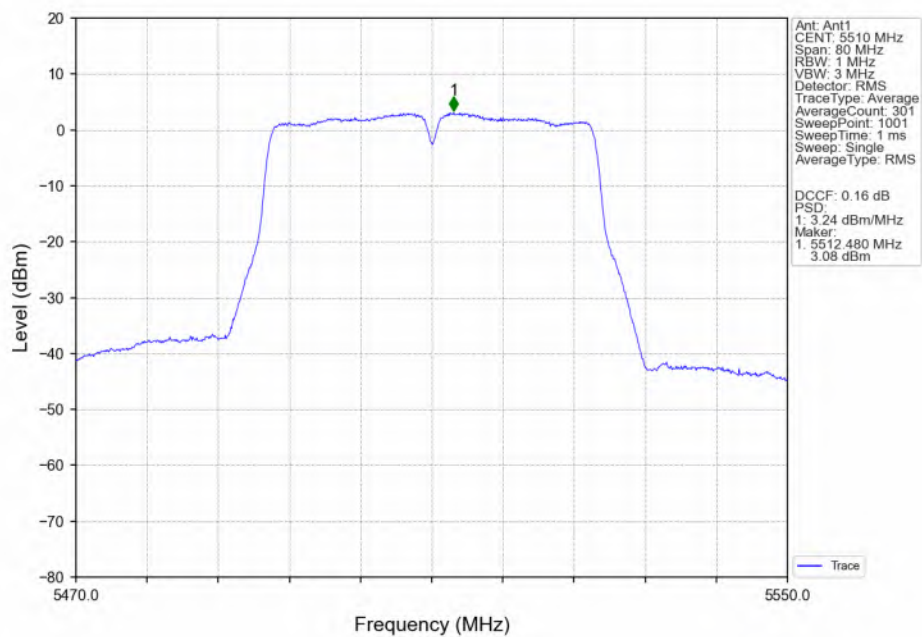
802.11ac(VHT40)\_LCH\_5270MHz\_Ant1\_NTNV



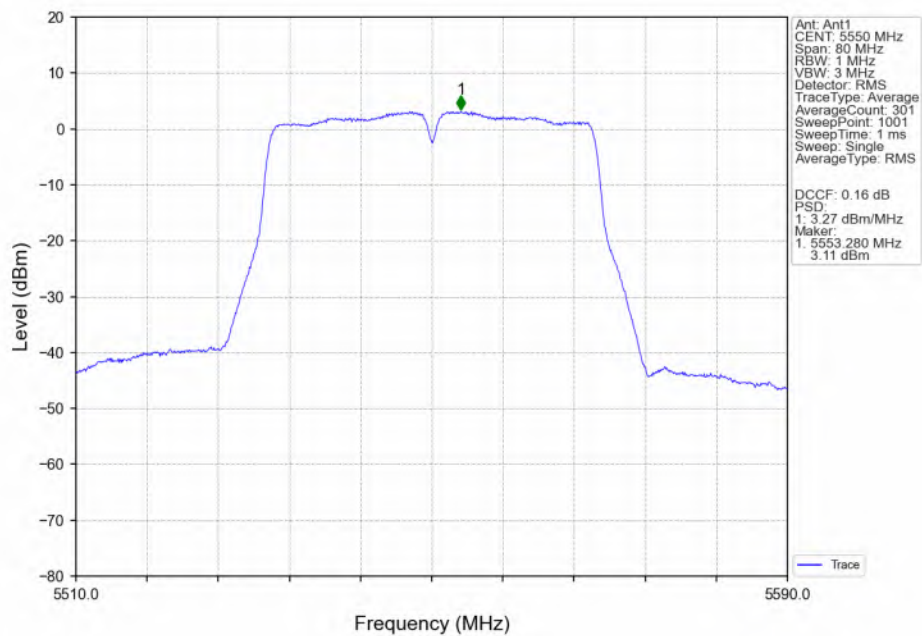
802.11ac(VHT40)\_HCH\_5310MHz\_Ant1\_NTNV



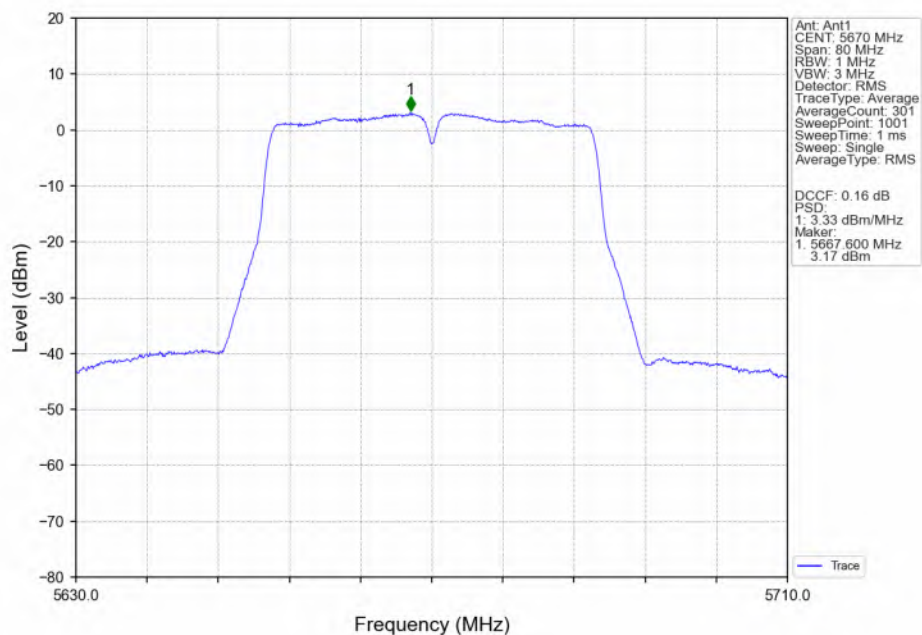
802.11ac(VHT40)\_LCH\_5510MHz\_Ant1\_NTNV



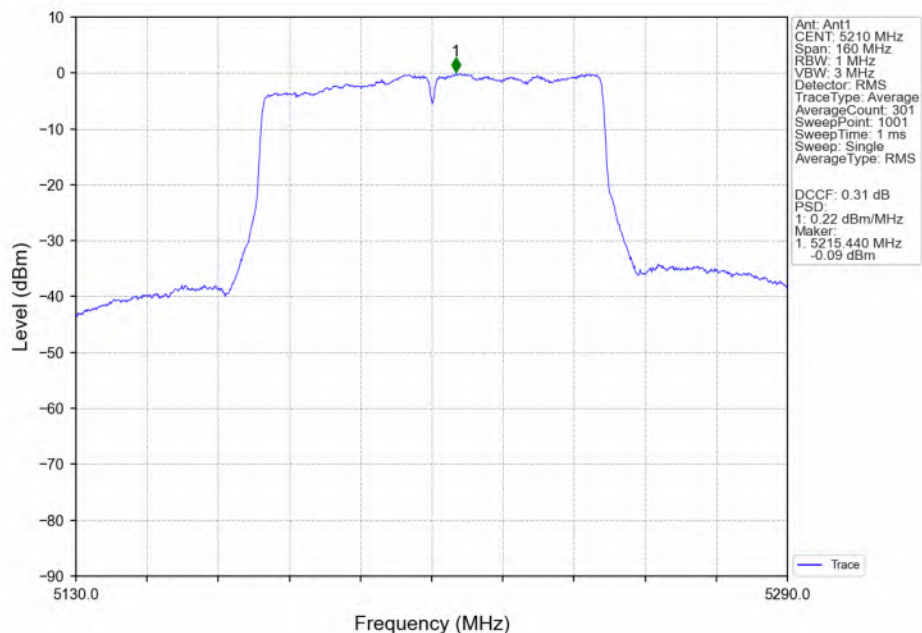
802.11ac(VHT40)\_MCH\_5550MHz\_Ant1\_NTNV



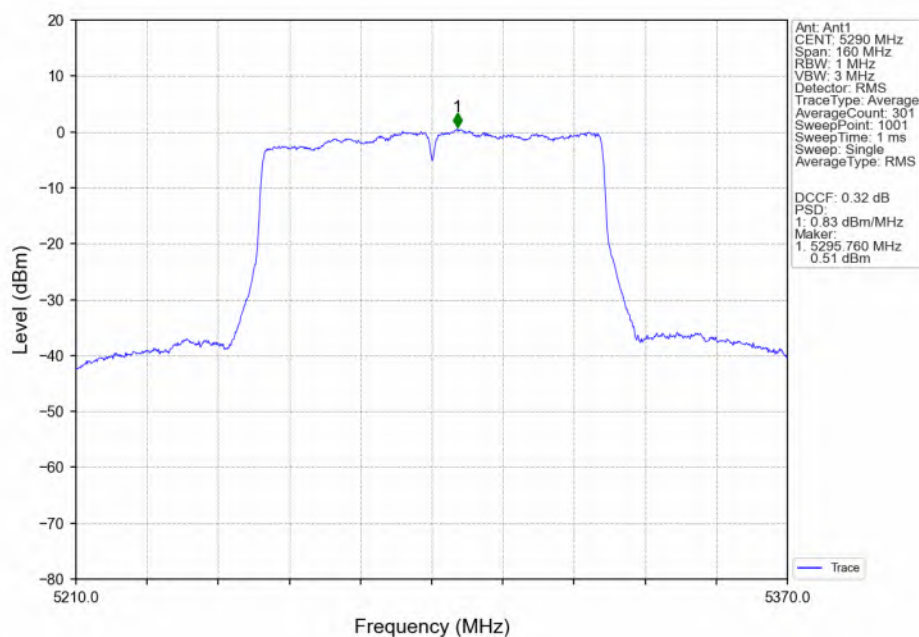
802.11ac(VHT40)\_HCH\_5670MHz\_Ant1\_NTNV



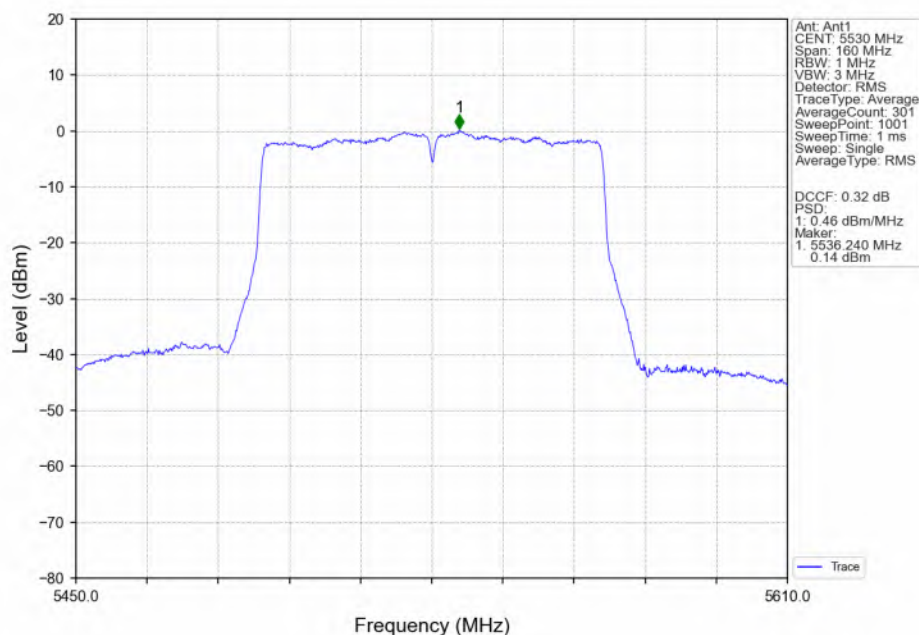
802.11ac(VHT80)\_MCH\_5210MHz\_Ant1\_NTNV

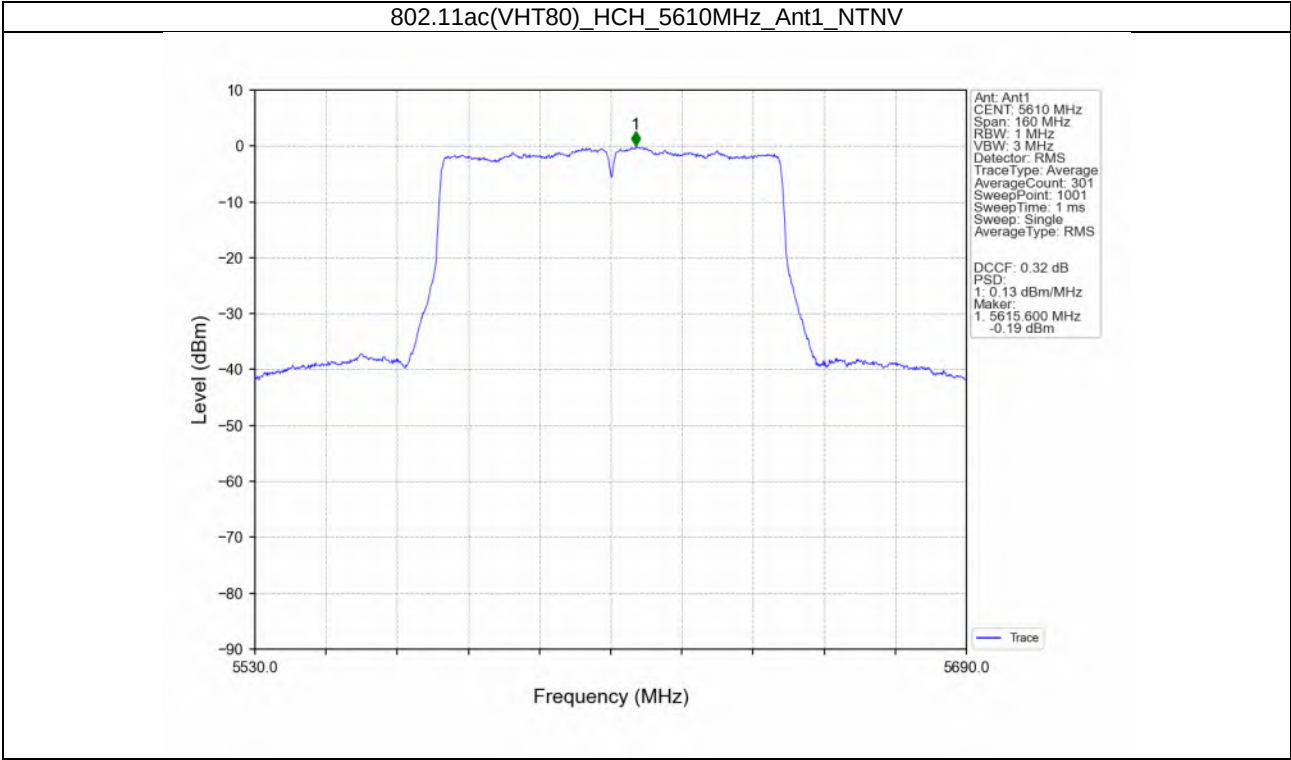


802.11ac(VHT80)\_MCH\_5290MHz\_Ant1\_NTNV

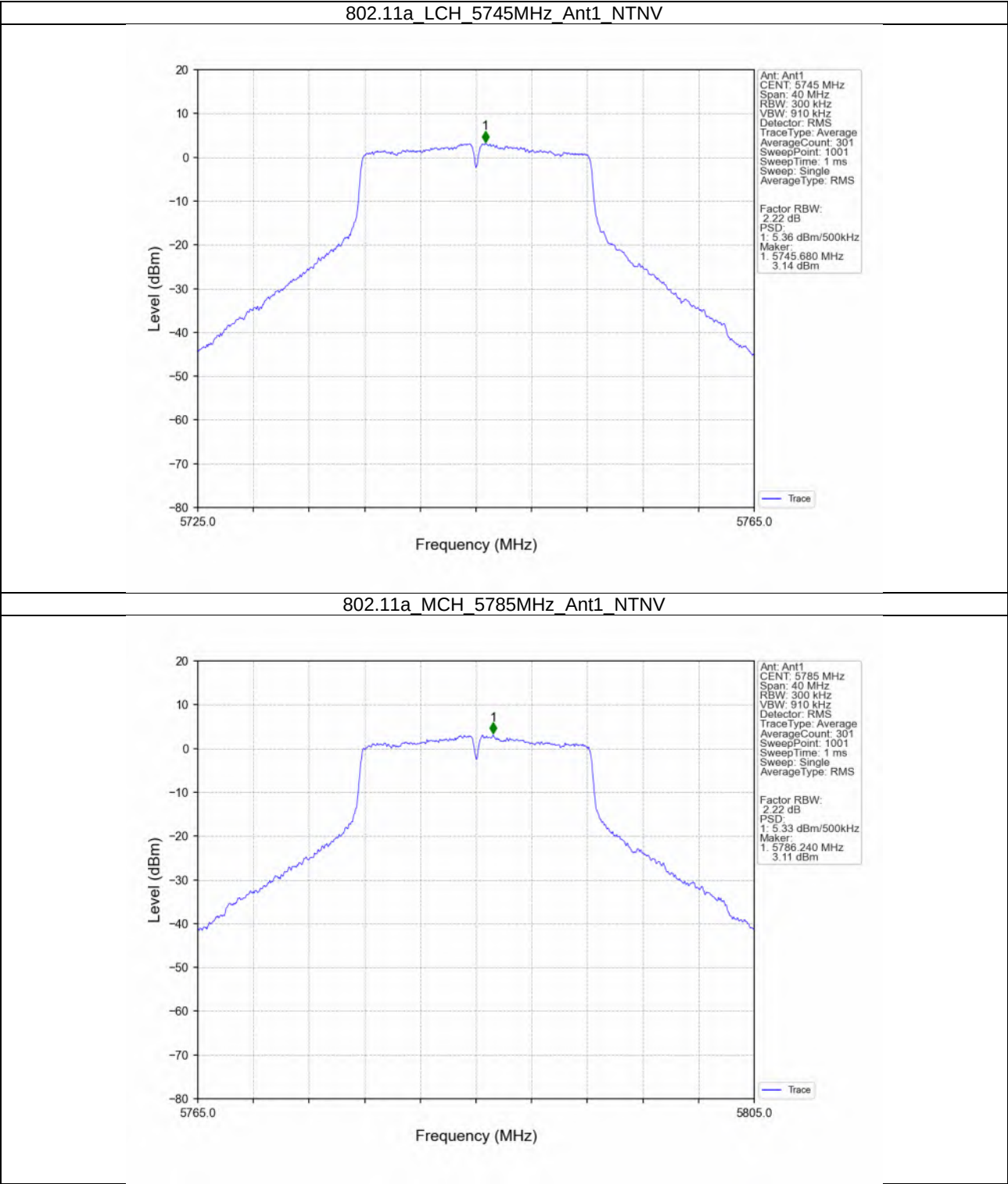


802.11ac(VHT80)\_LCH\_5530MHz\_Ant1\_NTNV

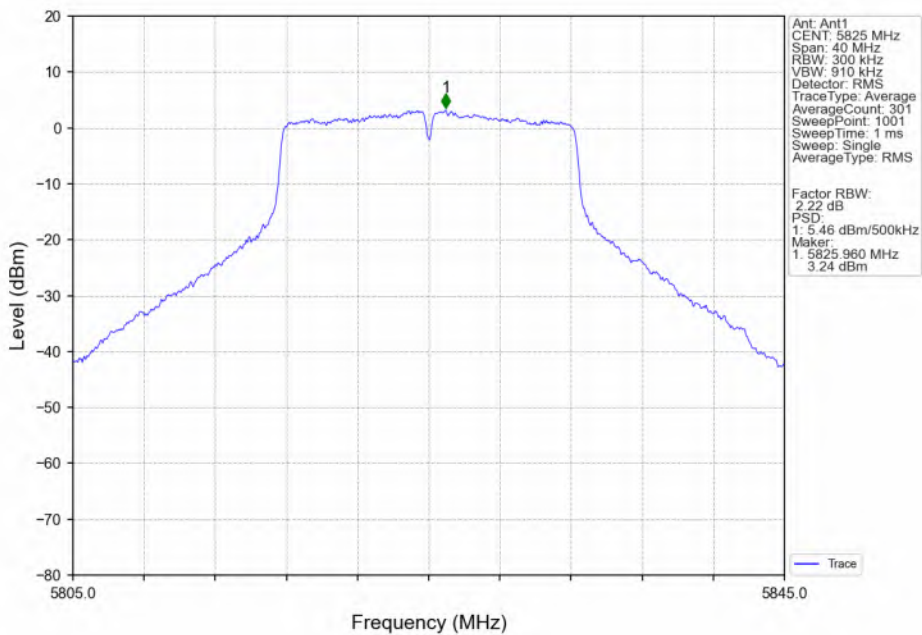




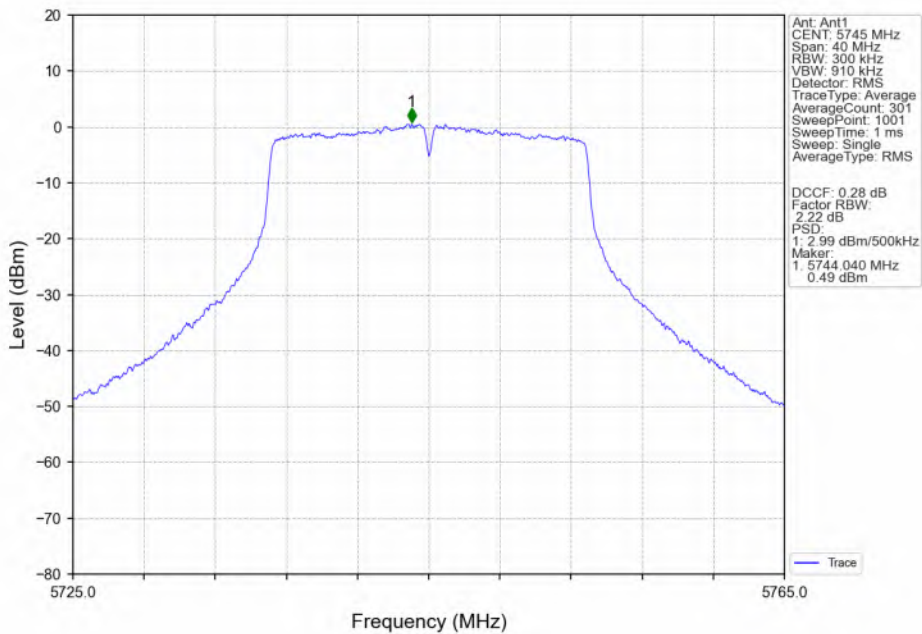
4.2.2 PSD-Band3



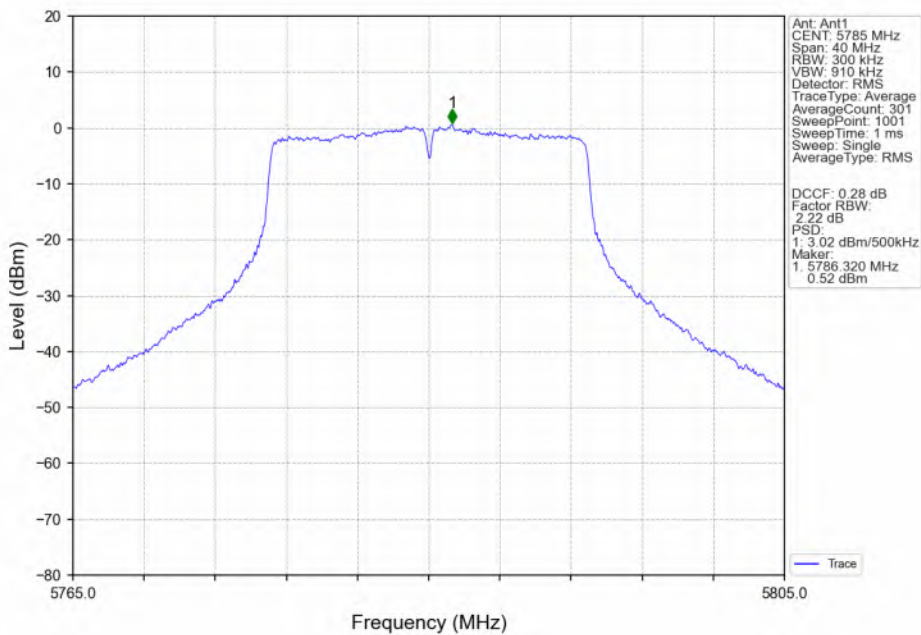
802.11a\_HCH\_5825MHz\_Ant1\_NTNV



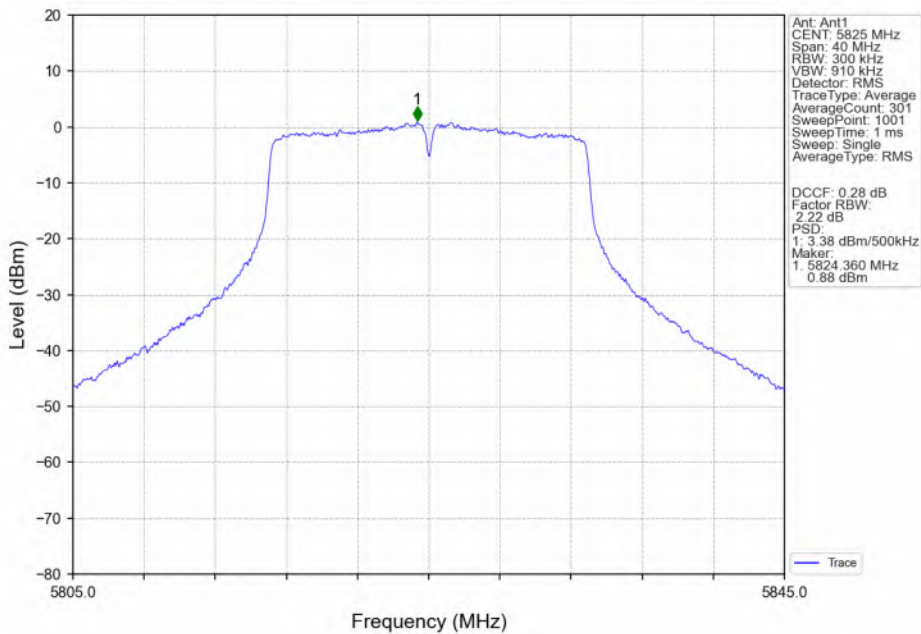
802.11ac(VHT20)\_LCH\_5745MHz\_Ant1\_NTNV



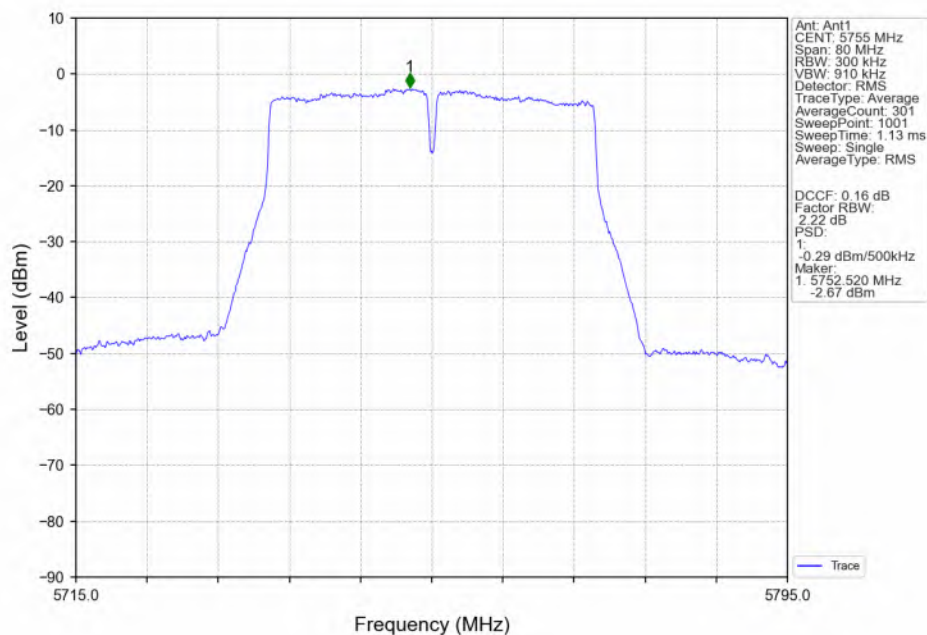
802.11ac(VHT20)\_MCH\_5785MHz\_Ant1\_NTNV



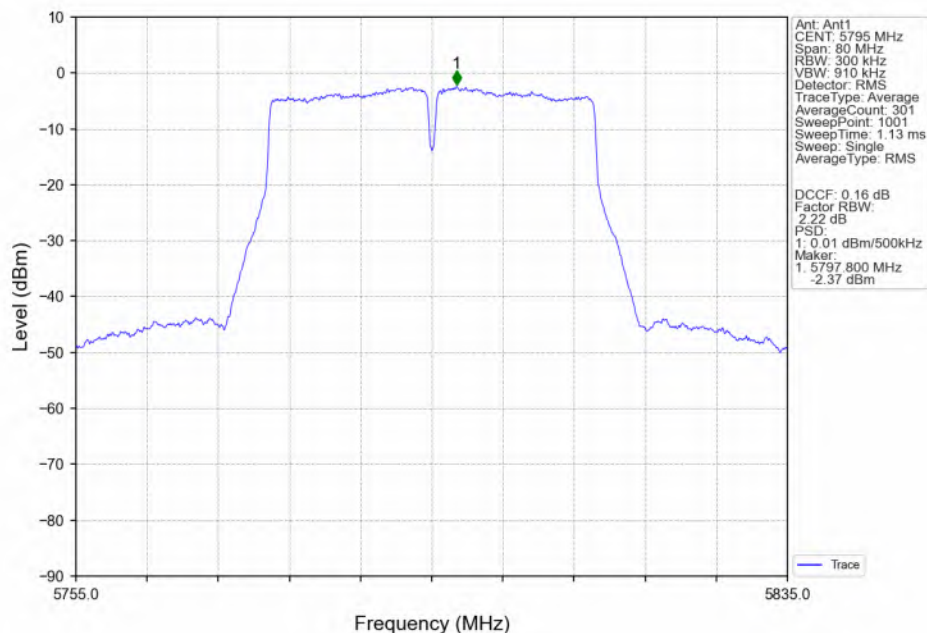
802.11ac(VHT20)\_HCH\_5825MHz\_Ant1\_NTNV



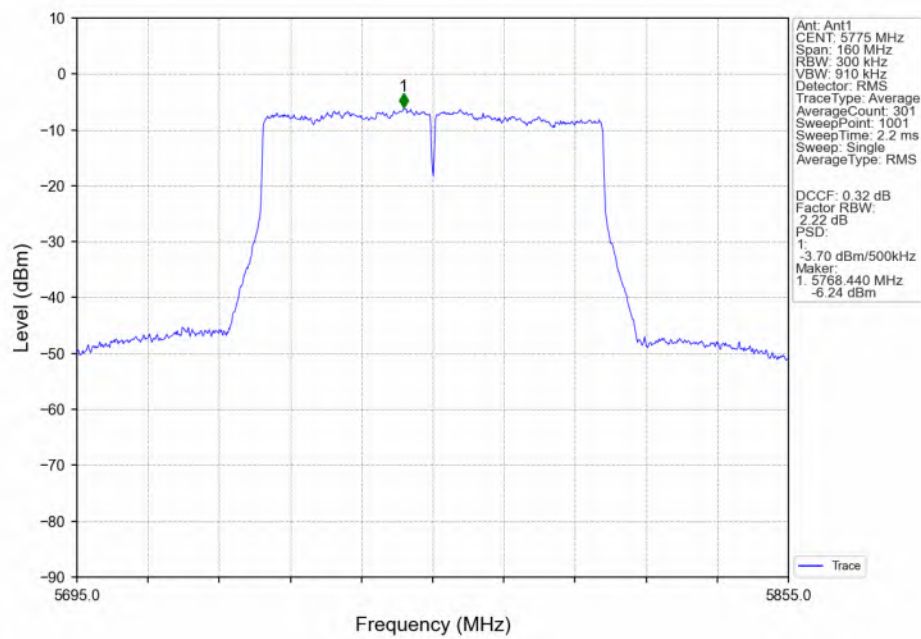
802.11ac(VHT40)\_LCH\_5755MHz\_Ant1\_NTNV



802.11ac(VHT40)\_HCH\_5795MHz\_Ant1\_NTNV



802.11ac(VHT80)\_MCH\_5775MHz\_Ant1\_NTNV



## 5. Frequency Stability

### 5.1 Test Result

#### 5.1.1 Ant1

| Mode    | TX Type | Frequency (MHz) | Temperature (°C) | Ant1          |                          | Limit (MHz)  | Verdict |
|---------|---------|-----------------|------------------|---------------|--------------------------|--------------|---------|
|         |         |                 |                  | Voltage (VAC) | Measured Frequency (MHz) |              |         |
| 802.11a | SISO    | 5180            | 20               | 102           | 5180.000                 | 5150 to 5250 | Pass    |
|         |         |                 |                  | 120           | 5180.040                 | 5150 to 5250 | Pass    |
|         |         |                 |                  | 138           | 5180.100                 | 5150 to 5250 | Pass    |
|         |         |                 | -30              | 120           | 5180.060                 | 5150 to 5250 | Pass    |
|         |         |                 | -20              | 120           | 5180.080                 | 5150 to 5250 | Pass    |
|         |         |                 | -10              | 120           | 5180.040                 | 5150 to 5250 | Pass    |
|         |         |                 | 0                | 120           | 5180.080                 | 5150 to 5250 | Pass    |
|         |         |                 | 10               | 120           | 5180.060                 | 5150 to 5250 | Pass    |
|         |         |                 | 30               | 120           | 5180.120                 | 5150 to 5250 | Pass    |
|         |         |                 | 40               | 120           | 5180.060                 | 5150 to 5250 | Pass    |
|         |         |                 | 50               | 120           | 5180.060                 | 5150 to 5250 | Pass    |
|         |         | 5200            | 20               | 102           | 5200.000                 | 5150 to 5250 | Pass    |
|         |         |                 |                  | 120           | 5200.040                 | 5150 to 5250 | Pass    |
|         |         |                 |                  | 138           | 5200.040                 | 5150 to 5250 | Pass    |
|         |         |                 | -30              | 120           | 5200.000                 | 5150 to 5250 | Pass    |
|         |         |                 | -20              | 120           | 5200.020                 | 5150 to 5250 | Pass    |
|         |         |                 | -10              | 120           | 5200.000                 | 5150 to 5250 | Pass    |
|         |         |                 | 0                | 120           | 5199.960                 | 5150 to 5250 | Pass    |
|         |         |                 | 10               | 120           | 5200.080                 | 5150 to 5250 | Pass    |
|         |         |                 | 30               | 120           | 5200.020                 | 5150 to 5250 | Pass    |
|         |         |                 | 40               | 120           | 5199.980                 | 5150 to 5250 | Pass    |
|         |         |                 | 50               | 120           | 5200.080                 | 5150 to 5250 | Pass    |
|         |         | 5240            | 20               | 102           | 5240.100                 | 5150 to 5250 | Pass    |
|         |         |                 |                  | 120           | 5240.060                 | 5150 to 5250 | Pass    |
|         |         |                 |                  | 138           | 5240.100                 | 5150 to 5250 | Pass    |
|         |         |                 | -30              | 120           | 5240.080                 | 5150 to 5250 | Pass    |
|         |         |                 | -20              | 120           | 5240.040                 | 5150 to 5250 | Pass    |
|         |         |                 | -10              | 120           | 5240.080                 | 5150 to 5250 | Pass    |
|         |         |                 | 0                | 120           | 5240.020                 | 5150 to 5250 | Pass    |
|         |         |                 | 10               | 120           | 5240.080                 | 5150 to 5250 | Pass    |
|         |         |                 | 30               | 120           | 5240.000                 | 5150 to 5250 | Pass    |
|         |         |                 | 40               | 120           | 5240.040                 | 5150 to 5250 | Pass    |
|         |         |                 | 50               | 120           | 5240.080                 | 5150 to 5250 | Pass    |
|         |         | 5260            | 20               | 102           | 5260.080                 | 5250 to 5350 | Pass    |
|         |         |                 |                  | 120           | 5260.060                 | 5250 to 5350 | Pass    |
|         |         |                 |                  | 138           | 5260.060                 | 5250 to 5350 | Pass    |
|         |         |                 | -30              | 120           | 5260.080                 | 5250 to 5350 | Pass    |
|         |         |                 | -20              | 120           | 5260.040                 | 5250 to 5350 | Pass    |
|         |         |                 | -10              | 120           | 5260.100                 | 5250 to 5350 | Pass    |
|         |         |                 | 0                | 120           | 5260.100                 | 5250 to 5350 | Pass    |
|         |         |                 | 10               | 120           | 5260.040                 | 5250 to 5350 | Pass    |
|         |         |                 | 30               | 120           | 5260.100                 | 5250 to 5350 | Pass    |
|         |         |                 | 40               | 120           | 5260.060                 | 5250 to 5350 | Pass    |
|         |         |                 | 50               | 120           | 5260.080                 | 5250 to 5350 | Pass    |
|         |         | 5300            | 20               | 102           | 5300.120                 | 5250 to 5350 | Pass    |
|         |         |                 |                  | 120           | 5300.100                 | 5250 to 5350 | Pass    |
|         |         |                 |                  | 138           | 5300.020                 | 5250 to 5350 | Pass    |
|         |         |                 | -30              | 120           | 5300.060                 | 5250 to 5350 | Pass    |
|         |         |                 | -20              | 120           | 5300.120                 | 5250 to 5350 | Pass    |

|      |  |  |     |     |          |              |      |
|------|--|--|-----|-----|----------|--------------|------|
|      |  |  | -10 | 120 | 5300.100 | 5250 to 5350 | Pass |
|      |  |  | 0   | 120 | 5300.080 | 5250 to 5350 | Pass |
|      |  |  | 10  | 120 | 5300.020 | 5250 to 5350 | Pass |
|      |  |  | 30  | 120 | 5300.000 | 5250 to 5350 | Pass |
|      |  |  | 40  | 120 | 5300.060 | 5250 to 5350 | Pass |
| 5320 |  |  | 50  | 120 | 5300.100 | 5250 to 5350 | Pass |
|      |  |  | 20  | 102 | 5320.060 | 5250 to 5350 | Pass |
|      |  |  |     | 120 | 5320.020 | 5250 to 5350 | Pass |
|      |  |  |     | 138 | 5320.020 | 5250 to 5350 | Pass |
|      |  |  | -30 | 120 | 5320.120 | 5250 to 5350 | Pass |
|      |  |  | -20 | 120 | 5320.020 | 5250 to 5350 | Pass |
|      |  |  | -10 | 120 | 5320.060 | 5250 to 5350 | Pass |
|      |  |  | 0   | 120 | 5320.040 | 5250 to 5350 | Pass |
|      |  |  | 10  | 120 | 5319.980 | 5250 to 5350 | Pass |
|      |  |  | 30  | 120 | 5320.040 | 5250 to 5350 | Pass |
|      |  |  | 40  | 120 | 5320.040 | 5250 to 5350 | Pass |
|      |  |  | 50  | 120 | 5320.080 | 5250 to 5350 | Pass |
| 5500 |  |  | 20  | 102 | 5500.060 | 5470 to 5725 | Pass |
|      |  |  |     | 120 | 5499.980 | 5470 to 5725 | Pass |
|      |  |  |     | 138 | 5500.060 | 5470 to 5725 | Pass |
|      |  |  | -30 | 120 | 5500.040 | 5470 to 5725 | Pass |
|      |  |  | -20 | 120 | 5500.000 | 5470 to 5725 | Pass |
|      |  |  | -10 | 120 | 5499.980 | 5470 to 5725 | Pass |
|      |  |  | 0   | 120 | 5500.040 | 5470 to 5725 | Pass |
|      |  |  | 10  | 120 | 5500.020 | 5470 to 5725 | Pass |
|      |  |  | 30  | 120 | 5500.100 | 5470 to 5725 | Pass |
|      |  |  | 40  | 120 | 5500.040 | 5470 to 5725 | Pass |
|      |  |  | 50  | 120 | 5500.020 | 5470 to 5725 | Pass |
| 5580 |  |  | 20  | 102 | 5579.980 | 5470 to 5725 | Pass |
|      |  |  |     | 120 | 5580.080 | 5470 to 5725 | Pass |
|      |  |  |     | 138 | 5580.060 | 5470 to 5725 | Pass |
|      |  |  | -30 | 120 | 5580.000 | 5470 to 5725 | Pass |
|      |  |  | -20 | 120 | 5580.020 | 5470 to 5725 | Pass |
|      |  |  | -10 | 120 | 5580.020 | 5470 to 5725 | Pass |
|      |  |  | 0   | 120 | 5580.020 | 5470 to 5725 | Pass |
|      |  |  | 10  | 120 | 5580.060 | 5470 to 5725 | Pass |
|      |  |  | 30  | 120 | 5580.040 | 5470 to 5725 | Pass |
|      |  |  | 40  | 120 | 5580.020 | 5470 to 5725 | Pass |
|      |  |  | 50  | 120 | 5580.020 | 5470 to 5725 | Pass |
| 5700 |  |  | 20  | 102 | 5700.060 | 5470 to 5725 | Pass |
|      |  |  |     | 120 | 5700.040 | 5470 to 5725 | Pass |
|      |  |  |     | 138 | 5700.000 | 5470 to 5725 | Pass |
|      |  |  | -30 | 120 | 5700.100 | 5470 to 5725 | Pass |
|      |  |  | -20 | 120 | 5700.040 | 5470 to 5725 | Pass |
|      |  |  | -10 | 120 | 5699.980 | 5470 to 5725 | Pass |
|      |  |  | 0   | 120 | 5700.080 | 5470 to 5725 | Pass |
|      |  |  | 10  | 120 | 5700.020 | 5470 to 5725 | Pass |
|      |  |  | 30  | 120 | 5700.060 | 5470 to 5725 | Pass |
|      |  |  | 40  | 120 | 5700.100 | 5470 to 5725 | Pass |
|      |  |  | 50  | 120 | 5700.020 | 5470 to 5725 | Pass |
| 5745 |  |  | 20  | 102 | 5745.080 | 5725 to 5850 | Pass |
|      |  |  |     | 120 | 5744.980 | 5725 to 5850 | Pass |
|      |  |  |     | 138 | 5745.060 | 5725 to 5850 | Pass |
|      |  |  | -30 | 120 | 5745.000 | 5725 to 5850 | Pass |
|      |  |  | -20 | 120 | 5744.980 | 5725 to 5850 | Pass |
|      |  |  | -10 | 120 | 5745.020 | 5725 to 5850 | Pass |
|      |  |  | 0   | 120 | 5745.080 | 5725 to 5850 | Pass |
|      |  |  | 10  | 120 | 5745.020 | 5725 to 5850 | Pass |
|      |  |  | 30  | 120 | 5744.980 | 5725 to 5850 | Pass |
|      |  |  | 40  | 120 | 5745.020 | 5725 to 5850 | Pass |
|      |  |  | 50  | 120 | 5745.080 | 5725 to 5850 | Pass |
| 5785 |  |  | 20  | 102 | 5785.080 | 5725 to 5850 | Pass |

|                     |      |      |     |     |          |              |      |
|---------------------|------|------|-----|-----|----------|--------------|------|
|                     |      |      |     | 120 | 5785.040 | 5725 to 5850 | Pass |
|                     |      |      |     | 138 | 5785.080 | 5725 to 5850 | Pass |
|                     |      |      |     | -30 | 120      | 5785.040     | Pass |
|                     |      |      |     | -20 | 120      | 5785.080     | Pass |
|                     |      |      |     | -10 | 120      | 5784.980     | Pass |
|                     |      |      |     | 0   | 120      | 5785.040     | Pass |
|                     |      |      |     | 10  | 120      | 5785.020     | Pass |
|                     |      |      |     | 30  | 120      | 5785.060     | Pass |
|                     |      |      |     | 40  | 120      | 5785.040     | Pass |
|                     |      |      |     | 50  | 120      | 5785.040     | Pass |
|                     |      | 5825 | 20  | 102 | 5825.000 | 5725 to 5850 | Pass |
|                     |      |      |     | 120 | 5825.060 | 5725 to 5850 | Pass |
|                     |      |      |     | 138 | 5825.040 | 5725 to 5850 | Pass |
|                     |      |      | -30 | 120 | 5825.020 | 5725 to 5850 | Pass |
|                     |      |      |     | 120 | 5825.040 | 5725 to 5850 | Pass |
|                     |      |      |     | 120 | 5825.020 | 5725 to 5850 | Pass |
|                     |      |      |     | 120 | 5825.000 | 5725 to 5850 | Pass |
|                     |      |      |     | 120 | 5825.020 | 5725 to 5850 | Pass |
|                     |      |      |     | 120 | 5825.020 | 5725 to 5850 | Pass |
|                     |      |      |     | 120 | 5825.040 | 5725 to 5850 | Pass |
|                     |      |      |     | 120 | 5825.020 | 5725 to 5850 | Pass |
| 802.11ac<br>(VHT20) | SISO | 5180 | 20  | 102 | 5180.040 | 5150 to 5250 | Pass |
|                     |      |      |     | 120 | 5180.060 | 5150 to 5250 | Pass |
|                     |      |      |     | 138 | 5180.040 | 5150 to 5250 | Pass |
|                     |      |      | -30 | 120 | 5180.060 | 5150 to 5250 | Pass |
|                     |      |      |     | 120 | 5180.060 | 5150 to 5250 | Pass |
|                     |      |      |     | 120 | 5180.040 | 5150 to 5250 | Pass |
|                     |      |      |     | 120 | 5180.080 | 5150 to 5250 | Pass |
|                     |      |      |     | 120 | 5180.060 | 5150 to 5250 | Pass |
|                     |      |      |     | 120 | 5180.040 | 5150 to 5250 | Pass |
|                     |      |      |     | 120 | 5180.060 | 5150 to 5250 | Pass |
|                     |      | 5200 | 20  | 102 | 5200.020 | 5150 to 5250 | Pass |
|                     |      |      |     | 120 | 5200.040 | 5150 to 5250 | Pass |
|                     |      |      |     | 138 | 5200.020 | 5150 to 5250 | Pass |
|                     |      |      | -30 | 120 | 5200.020 | 5150 to 5250 | Pass |
|                     |      |      |     | 120 | 5200.040 | 5150 to 5250 | Pass |
|                     |      |      |     | 120 | 5200.020 | 5150 to 5250 | Pass |
|                     |      |      |     | 120 | 5200.020 | 5150 to 5250 | Pass |
|                     |      |      |     | 120 | 5200.040 | 5150 to 5250 | Pass |
|                     |      |      |     | 120 | 5200.040 | 5150 to 5250 | Pass |
|                     |      |      |     | 120 | 5200.020 | 5150 to 5250 | Pass |
|                     |      |      |     | 120 | 5200.020 | 5150 to 5250 | Pass |
|                     |      | 5240 | 20  | 102 | 5240.040 | 5150 to 5250 | Pass |
|                     |      |      |     | 120 | 5240.020 | 5150 to 5250 | Pass |
|                     |      |      |     | 138 | 5240.040 | 5150 to 5250 | Pass |
|                     |      |      | -30 | 120 | 5240.080 | 5150 to 5250 | Pass |
|                     |      |      |     | 120 | 5240.060 | 5150 to 5250 | Pass |
|                     |      |      |     | 120 | 5240.020 | 5150 to 5250 | Pass |
|                     |      |      |     | 120 | 5240.040 | 5150 to 5250 | Pass |
|                     |      |      |     | 120 | 5240.060 | 5150 to 5250 | Pass |
|                     |      |      |     | 120 | 5240.080 | 5150 to 5250 | Pass |
|                     |      |      |     | 120 | 5240.040 | 5150 to 5250 | Pass |
|                     |      |      |     | 120 | 5240.060 | 5150 to 5250 | Pass |
|                     |      | 5260 | 20  | 102 | 5260.020 | 5250 to 5350 | Pass |
|                     |      |      |     | 120 | 5260.000 | 5250 to 5350 | Pass |
|                     |      |      |     | 138 | 5260.040 | 5250 to 5350 | Pass |
|                     |      |      | -30 | 120 | 5260.040 | 5250 to 5350 | Pass |
|                     |      |      |     | 120 | 5260.020 | 5250 to 5350 | Pass |
|                     |      |      |     | 120 | 5260.040 | 5250 to 5350 | Pass |
|                     |      |      |     | 120 | 5260.020 | 5250 to 5350 | Pass |
|                     |      |      |     | 120 | 5260.020 | 5250 to 5350 | Pass |

|  |  |      |     |     |          |              |      |
|--|--|------|-----|-----|----------|--------------|------|
|  |  |      | 30  | 120 | 5260.040 | 5250 to 5350 | Pass |
|  |  |      | 40  | 120 | 5260.060 | 5250 to 5350 | Pass |
|  |  |      | 50  | 120 | 5260.040 | 5250 to 5350 | Pass |
|  |  | 5300 | 20  | 102 | 5300.040 | 5250 to 5350 | Pass |
|  |  |      |     | 120 | 5300.060 | 5250 to 5350 | Pass |
|  |  |      |     | 138 | 5300.020 | 5250 to 5350 | Pass |
|  |  |      | -30 | 120 | 5300.040 | 5250 to 5350 | Pass |
|  |  |      | -20 | 120 | 5300.060 | 5250 to 5350 | Pass |
|  |  |      | -10 | 120 | 5300.000 | 5250 to 5350 | Pass |
|  |  |      | 0   | 120 | 5300.060 | 5250 to 5350 | Pass |
|  |  |      | 10  | 120 | 5300.060 | 5250 to 5350 | Pass |
|  |  |      | 30  | 120 | 5300.040 | 5250 to 5350 | Pass |
|  |  |      | 40  | 120 | 5300.020 | 5250 to 5350 | Pass |
|  |  |      | 50  | 120 | 5300.040 | 5250 to 5350 | Pass |
|  |  | 5320 | 20  | 102 | 5319.980 | 5250 to 5350 | Pass |
|  |  |      |     | 120 | 5320.020 | 5250 to 5350 | Pass |
|  |  |      |     | 138 | 5320.040 | 5250 to 5350 | Pass |
|  |  |      | -30 | 120 | 5320.000 | 5250 to 5350 | Pass |
|  |  |      | -20 | 120 | 5320.020 | 5250 to 5350 | Pass |
|  |  |      | -10 | 120 | 5320.000 | 5250 to 5350 | Pass |
|  |  |      | 0   | 120 | 5320.060 | 5250 to 5350 | Pass |
|  |  |      | 10  | 120 | 5320.020 | 5250 to 5350 | Pass |
|  |  |      | 30  | 120 | 5320.040 | 5250 to 5350 | Pass |
|  |  |      | 40  | 120 | 5320.020 | 5250 to 5350 | Pass |
|  |  |      | 50  | 120 | 5320.020 | 5250 to 5350 | Pass |
|  |  | 5500 | 20  | 102 | 5500.020 | 5470 to 5725 | Pass |
|  |  |      |     | 120 | 5500.000 | 5470 to 5725 | Pass |
|  |  |      |     | 138 | 5500.000 | 5470 to 5725 | Pass |
|  |  |      | -30 | 120 | 5500.000 | 5470 to 5725 | Pass |
|  |  |      | -20 | 120 | 5500.020 | 5470 to 5725 | Pass |
|  |  |      | -10 | 120 | 5499.980 | 5470 to 5725 | Pass |
|  |  |      | 0   | 120 | 5499.980 | 5470 to 5725 | Pass |
|  |  |      | 10  | 120 | 5500.020 | 5470 to 5725 | Pass |
|  |  |      | 30  | 120 | 5500.020 | 5470 to 5725 | Pass |
|  |  |      | 40  | 120 | 5499.980 | 5470 to 5725 | Pass |
|  |  |      | 50  | 120 | 5500.000 | 5470 to 5725 | Pass |
|  |  | 5580 | 20  | 102 | 5580.020 | 5470 to 5725 | Pass |
|  |  |      |     | 120 | 5579.980 | 5470 to 5725 | Pass |
|  |  |      |     | 138 | 5580.000 | 5470 to 5725 | Pass |
|  |  |      | -30 | 120 | 5580.020 | 5470 to 5725 | Pass |
|  |  |      | -20 | 120 | 5580.020 | 5470 to 5725 | Pass |
|  |  |      | -10 | 120 | 5580.000 | 5470 to 5725 | Pass |
|  |  |      | 0   | 120 | 5580.000 | 5470 to 5725 | Pass |
|  |  |      | 10  | 120 | 5580.000 | 5470 to 5725 | Pass |
|  |  |      | 30  | 120 | 5580.020 | 5470 to 5725 | Pass |
|  |  |      | 40  | 120 | 5580.020 | 5470 to 5725 | Pass |
|  |  |      | 50  | 120 | 5580.020 | 5470 to 5725 | Pass |
|  |  | 5700 | 20  | 102 | 5700.040 | 5470 to 5725 | Pass |
|  |  |      |     | 120 | 5700.020 | 5470 to 5725 | Pass |
|  |  |      |     | 138 | 5700.000 | 5470 to 5725 | Pass |
|  |  |      | -30 | 120 | 5700.020 | 5470 to 5725 | Pass |
|  |  |      | -20 | 120 | 5700.020 | 5470 to 5725 | Pass |
|  |  |      | -10 | 120 | 5700.040 | 5470 to 5725 | Pass |
|  |  |      | 0   | 120 | 5700.020 | 5470 to 5725 | Pass |
|  |  |      | 10  | 120 | 5700.020 | 5470 to 5725 | Pass |
|  |  |      | 30  | 120 | 5700.000 | 5470 to 5725 | Pass |
|  |  |      | 40  | 120 | 5700.000 | 5470 to 5725 | Pass |
|  |  |      | 50  | 120 | 5700.000 | 5470 to 5725 | Pass |
|  |  | 5745 | 20  | 102 | 5745.000 | 5725 to 5850 | Pass |
|  |  |      |     | 120 | 5745.000 | 5725 to 5850 | Pass |
|  |  |      |     | 138 | 5745.020 | 5725 to 5850 | Pass |
|  |  |      | -30 | 120 | 5744.980 | 5725 to 5850 | Pass |

|                     |      |      |     |     |          |              |      |
|---------------------|------|------|-----|-----|----------|--------------|------|
|                     |      |      | -20 | 120 | 5744.960 | 5725 to 5850 | Pass |
|                     |      |      | -10 | 120 | 5744.980 | 5725 to 5850 | Pass |
|                     |      |      | 0   | 120 | 5745.020 | 5725 to 5850 | Pass |
|                     |      |      | 10  | 120 | 5745.020 | 5725 to 5850 | Pass |
|                     |      |      | 30  | 120 | 5745.040 | 5725 to 5850 | Pass |
|                     |      |      | 40  | 120 | 5745.020 | 5725 to 5850 | Pass |
|                     |      |      | 50  | 120 | 5745.000 | 5725 to 5850 | Pass |
|                     |      | 5785 | 20  | 102 | 5785.020 | 5725 to 5850 | Pass |
|                     |      |      |     | 120 | 5785.040 | 5725 to 5850 | Pass |
|                     |      |      |     | 138 | 5785.040 | 5725 to 5850 | Pass |
|                     |      |      | -30 | 120 | 5785.000 | 5725 to 5850 | Pass |
|                     |      |      | -20 | 120 | 5785.000 | 5725 to 5850 | Pass |
|                     |      |      | -10 | 120 | 5784.980 | 5725 to 5850 | Pass |
|                     |      |      | 0   | 120 | 5785.020 | 5725 to 5850 | Pass |
|                     |      |      | 10  | 120 | 5785.020 | 5725 to 5850 | Pass |
|                     |      |      | 30  | 120 | 5785.020 | 5725 to 5850 | Pass |
|                     |      |      | 40  | 120 | 5785.040 | 5725 to 5850 | Pass |
|                     |      |      | 50  | 120 | 5785.000 | 5725 to 5850 | Pass |
|                     |      | 5825 | 20  | 102 | 5825.000 | 5725 to 5850 | Pass |
|                     |      |      |     | 120 | 5824.980 | 5725 to 5850 | Pass |
|                     |      |      |     | 138 | 5825.020 | 5725 to 5850 | Pass |
|                     |      |      | -30 | 120 | 5824.980 | 5725 to 5850 | Pass |
|                     |      |      | -20 | 120 | 5824.980 | 5725 to 5850 | Pass |
|                     |      |      | -10 | 120 | 5825.020 | 5725 to 5850 | Pass |
|                     |      |      | 0   | 120 | 5825.020 | 5725 to 5850 | Pass |
|                     |      |      | 10  | 120 | 5825.000 | 5725 to 5850 | Pass |
|                     |      |      | 30  | 120 | 5825.000 | 5725 to 5850 | Pass |
|                     |      |      | 40  | 120 | 5825.000 | 5725 to 5850 | Pass |
|                     |      |      | 50  | 120 | 5824.980 | 5725 to 5850 | Pass |
| 802.11ac<br>(VHT40) | SISO | 5190 | 20  | 102 | 5190.160 | 5150 to 5250 | Pass |
|                     |      |      |     | 120 | 5190.120 | 5150 to 5250 | Pass |
|                     |      |      |     | 138 | 5190.120 | 5150 to 5250 | Pass |
|                     |      |      | -30 | 120 | 5190.120 | 5150 to 5250 | Pass |
|                     |      |      | -20 | 120 | 5190.120 | 5150 to 5250 | Pass |
|                     |      |      | -10 | 120 | 5190.160 | 5150 to 5250 | Pass |
|                     |      |      | 0   | 120 | 5190.200 | 5150 to 5250 | Pass |
|                     |      |      | 10  | 120 | 5190.120 | 5150 to 5250 | Pass |
|                     |      |      | 30  | 120 | 5190.080 | 5150 to 5250 | Pass |
|                     |      |      | 40  | 120 | 5190.080 | 5150 to 5250 | Pass |
|                     |      |      | 50  | 120 | 5190.120 | 5150 to 5250 | Pass |
|                     |      | 5230 | 20  | 102 | 5230.120 | 5150 to 5250 | Pass |
|                     |      |      |     | 120 | 5230.120 | 5150 to 5250 | Pass |
|                     |      |      |     | 138 | 5230.160 | 5150 to 5250 | Pass |
|                     |      |      | -30 | 120 | 5230.120 | 5150 to 5250 | Pass |
|                     |      |      | -20 | 120 | 5230.120 | 5150 to 5250 | Pass |
|                     |      |      | -10 | 120 | 5230.120 | 5150 to 5250 | Pass |
|                     |      |      | 0   | 120 | 5230.160 | 5150 to 5250 | Pass |
|                     |      |      | 10  | 120 | 5230.160 | 5150 to 5250 | Pass |
|                     |      |      | 30  | 120 | 5230.120 | 5150 to 5250 | Pass |
|                     |      |      | 40  | 120 | 5230.200 | 5150 to 5250 | Pass |
|                     |      |      | 50  | 120 | 5230.160 | 5150 to 5250 | Pass |
|                     |      | 5270 | 20  | 102 | 5270.160 | 5250 to 5350 | Pass |
|                     |      |      |     | 120 | 5270.120 | 5250 to 5350 | Pass |
|                     |      |      |     | 138 | 5270.120 | 5250 to 5350 | Pass |
|                     |      |      | -30 | 120 | 5270.120 | 5250 to 5350 | Pass |
|                     |      |      | -20 | 120 | 5270.120 | 5250 to 5350 | Pass |
|                     |      |      | -10 | 120 | 5270.120 | 5250 to 5350 | Pass |
|                     |      |      | 0   | 120 | 5270.160 | 5250 to 5350 | Pass |
|                     |      |      | 10  | 120 | 5270.160 | 5250 to 5350 | Pass |
|                     |      |      | 30  | 120 | 5270.120 | 5250 to 5350 | Pass |
|                     |      |      | 40  | 120 | 5270.160 | 5250 to 5350 | Pass |
|                     |      |      | 50  | 120 | 5270.120 | 5250 to 5350 | Pass |

|  |  |      |     |     |          |              |      |
|--|--|------|-----|-----|----------|--------------|------|
|  |  | 5310 | 20  | 102 | 5310.120 | 5250 to 5350 | Pass |
|  |  |      |     | 120 | 5310.160 | 5250 to 5350 | Pass |
|  |  |      |     | 138 | 5310.160 | 5250 to 5350 | Pass |
|  |  |      | -30 | 120 | 5310.160 | 5250 to 5350 | Pass |
|  |  |      | -20 | 120 | 5310.120 | 5250 to 5350 | Pass |
|  |  |      | -10 | 120 | 5310.160 | 5250 to 5350 | Pass |
|  |  |      | 0   | 120 | 5310.120 | 5250 to 5350 | Pass |
|  |  |      | 10  | 120 | 5310.160 | 5250 to 5350 | Pass |
|  |  |      | 30  | 120 | 5310.120 | 5250 to 5350 | Pass |
|  |  |      | 40  | 120 | 5310.120 | 5250 to 5350 | Pass |
|  |  |      | 50  | 120 | 5310.120 | 5250 to 5350 | Pass |
|  |  | 5510 | 20  | 102 | 5510.160 | 5470 to 5725 | Pass |
|  |  |      |     | 120 | 5510.120 | 5470 to 5725 | Pass |
|  |  |      |     | 138 | 5510.080 | 5470 to 5725 | Pass |
|  |  |      | -30 | 120 | 5510.120 | 5470 to 5725 | Pass |
|  |  |      | -20 | 120 | 5510.080 | 5470 to 5725 | Pass |
|  |  |      | -10 | 120 | 5510.120 | 5470 to 5725 | Pass |
|  |  |      | 0   | 120 | 5510.080 | 5470 to 5725 | Pass |
|  |  |      | 10  | 120 | 5510.120 | 5470 to 5725 | Pass |
|  |  |      | 30  | 120 | 5510.080 | 5470 to 5725 | Pass |
|  |  |      | 40  | 120 | 5510.120 | 5470 to 5725 | Pass |
|  |  |      | 50  | 120 | 5510.120 | 5470 to 5725 | Pass |
|  |  | 5550 | 20  | 102 | 5550.040 | 5470 to 5725 | Pass |
|  |  |      |     | 120 | 5550.080 | 5470 to 5725 | Pass |
|  |  |      |     | 138 | 5550.080 | 5470 to 5725 | Pass |
|  |  |      | -30 | 120 | 5550.120 | 5470 to 5725 | Pass |
|  |  |      | -20 | 120 | 5550.040 | 5470 to 5725 | Pass |
|  |  |      | -10 | 120 | 5550.040 | 5470 to 5725 | Pass |
|  |  |      | 0   | 120 | 5550.160 | 5470 to 5725 | Pass |
|  |  |      | 10  | 120 | 5550.160 | 5470 to 5725 | Pass |
|  |  |      | 30  | 120 | 5550.080 | 5470 to 5725 | Pass |
|  |  |      | 40  | 120 | 5550.080 | 5470 to 5725 | Pass |
|  |  |      | 50  | 120 | 5550.120 | 5470 to 5725 | Pass |
|  |  | 5670 | 20  | 102 | 5670.040 | 5470 to 5725 | Pass |
|  |  |      |     | 120 | 5670.080 | 5470 to 5725 | Pass |
|  |  |      |     | 138 | 5670.040 | 5470 to 5725 | Pass |
|  |  |      | -30 | 120 | 5670.120 | 5470 to 5725 | Pass |
|  |  |      | -20 | 120 | 5670.080 | 5470 to 5725 | Pass |
|  |  |      | -10 | 120 | 5670.080 | 5470 to 5725 | Pass |
|  |  |      | 0   | 120 | 5670.120 | 5470 to 5725 | Pass |
|  |  |      | 10  | 120 | 5670.080 | 5470 to 5725 | Pass |
|  |  |      | 30  | 120 | 5670.120 | 5470 to 5725 | Pass |
|  |  |      | 40  | 120 | 5670.080 | 5470 to 5725 | Pass |
|  |  |      | 50  | 120 | 5670.080 | 5470 to 5725 | Pass |
|  |  | 5755 | 20  | 102 | 5755.040 | 5725 to 5850 | Pass |
|  |  |      |     | 120 | 5755.000 | 5725 to 5850 | Pass |
|  |  |      |     | 138 | 5755.040 | 5725 to 5850 | Pass |
|  |  |      | -30 | 120 | 5755.040 | 5725 to 5850 | Pass |
|  |  |      | -20 | 120 | 5755.040 | 5725 to 5850 | Pass |
|  |  |      | -10 | 120 | 5755.080 | 5725 to 5850 | Pass |
|  |  |      | 0   | 120 | 5754.960 | 5725 to 5850 | Pass |
|  |  |      | 10  | 120 | 5755.040 | 5725 to 5850 | Pass |
|  |  |      | 30  | 120 | 5755.120 | 5725 to 5850 | Pass |
|  |  |      | 40  | 120 | 5755.000 | 5725 to 5850 | Pass |
|  |  |      | 50  | 120 | 5755.040 | 5725 to 5850 | Pass |
|  |  | 5795 | 20  | 102 | 5795.080 | 5725 to 5850 | Pass |
|  |  |      |     | 120 | 5795.120 | 5725 to 5850 | Pass |
|  |  |      |     | 138 | 5795.120 | 5725 to 5850 | Pass |
|  |  |      | -30 | 120 | 5795.080 | 5725 to 5850 | Pass |
|  |  |      | -20 | 120 | 5795.120 | 5725 to 5850 | Pass |
|  |  |      | -10 | 120 | 5795.120 | 5725 to 5850 | Pass |
|  |  |      | 0   | 120 | 5795.080 | 5725 to 5850 | Pass |

|                     |      |      |     |     |          |              |      |
|---------------------|------|------|-----|-----|----------|--------------|------|
|                     |      |      | 10  | 120 | 5795.120 | 5725 to 5850 | Pass |
|                     |      |      | 30  | 120 | 5795.080 | 5725 to 5850 | Pass |
|                     |      |      | 40  | 120 | 5795.120 | 5725 to 5850 | Pass |
|                     |      |      | 50  | 120 | 5795.000 | 5725 to 5850 | Pass |
| 802.11ac<br>(VHT80) | SISO | 5210 | 20  | 102 | 5210.225 | 5150 to 5250 | Pass |
|                     |      |      |     | 120 | 5210.150 | 5150 to 5250 | Pass |
|                     |      |      |     | 138 | 5210.225 | 5150 to 5250 | Pass |
|                     |      |      | -30 | 120 | 5210.225 | 5150 to 5250 | Pass |
|                     |      |      | -20 | 120 | 5210.150 | 5150 to 5250 | Pass |
|                     |      |      | -10 | 120 | 5210.225 | 5150 to 5250 | Pass |
|                     |      |      | 0   | 120 | 5210.225 | 5150 to 5250 | Pass |
|                     |      |      | 10  | 120 | 5210.225 | 5150 to 5250 | Pass |
|                     |      |      | 30  | 120 | 5210.225 | 5150 to 5250 | Pass |
|                     |      |      | 40  | 120 | 5210.225 | 5150 to 5250 | Pass |
|                     |      |      | 50  | 120 | 5210.150 | 5150 to 5250 | Pass |
|                     |      | 5290 | 20  | 102 | 5290.225 | 5250 to 5350 | Pass |
|                     |      |      |     | 120 | 5290.150 | 5250 to 5350 | Pass |
|                     |      |      |     | 138 | 5290.150 | 5250 to 5350 | Pass |
|                     |      |      | -30 | 120 | 5290.150 | 5250 to 5350 | Pass |
|                     |      |      | -20 | 120 | 5290.150 | 5250 to 5350 | Pass |
|                     |      |      | -10 | 120 | 5290.150 | 5250 to 5350 | Pass |
|                     |      |      | 0   | 120 | 5290.225 | 5250 to 5350 | Pass |
|                     |      |      | 10  | 120 | 5290.150 | 5250 to 5350 | Pass |
|                     |      |      | 30  | 120 | 5290.150 | 5250 to 5350 | Pass |
|                     |      |      | 40  | 120 | 5290.150 | 5250 to 5350 | Pass |
|                     |      |      | 50  | 120 | 5290.150 | 5250 to 5350 | Pass |
|                     |      | 5530 | 20  | 102 | 5530.075 | 5470 to 5725 | Pass |
|                     |      |      |     | 120 | 5530.075 | 5470 to 5725 | Pass |
|                     |      |      |     | 138 | 5530.075 | 5470 to 5725 | Pass |
|                     |      |      | -30 | 120 | 5530.075 | 5470 to 5725 | Pass |
|                     |      |      | -20 | 120 | 5530.075 | 5470 to 5725 | Pass |
|                     |      |      | -10 | 120 | 5530.075 | 5470 to 5725 | Pass |
|                     |      |      | 0   | 120 | 5530.075 | 5470 to 5725 | Pass |
|                     |      |      | 10  | 120 | 5530.075 | 5470 to 5725 | Pass |
|                     |      |      | 30  | 120 | 5530.150 | 5470 to 5725 | Pass |
|                     |      |      | 40  | 120 | 5530.075 | 5470 to 5725 | Pass |
|                     |      |      | 50  | 120 | 5530.075 | 5470 to 5725 | Pass |
|                     |      | 5610 | 20  | 102 | 5610.150 | 5470 to 5725 | Pass |
|                     |      |      |     | 120 | 5610.075 | 5470 to 5725 | Pass |
|                     |      |      |     | 138 | 5610.075 | 5470 to 5725 | Pass |
|                     |      |      | -30 | 120 | 5610.150 | 5470 to 5725 | Pass |
|                     |      |      | -20 | 120 | 5610.075 | 5470 to 5725 | Pass |
|                     |      |      | -10 | 120 | 5610.075 | 5470 to 5725 | Pass |
|                     |      |      | 0   | 120 | 5610.075 | 5470 to 5725 | Pass |
|                     |      |      | 10  | 120 | 5610.075 | 5470 to 5725 | Pass |
|                     |      |      | 30  | 120 | 5610.150 | 5470 to 5725 | Pass |
|                     |      |      | 40  | 120 | 5610.150 | 5470 to 5725 | Pass |
|                     |      |      | 50  | 120 | 5610.075 | 5470 to 5725 | Pass |
|                     |      | 5775 | 20  | 102 | 5775.075 | 5725 to 5850 | Pass |
|                     |      |      |     | 120 | 5775.000 | 5725 to 5850 | Pass |
|                     |      |      |     | 138 | 5775.000 | 5725 to 5850 | Pass |
|                     |      |      | -30 | 120 | 5775.075 | 5725 to 5850 | Pass |
|                     |      |      | -20 | 120 | 5775.075 | 5725 to 5850 | Pass |
|                     |      |      | -10 | 120 | 5775.075 | 5725 to 5850 | Pass |
|                     |      |      | 0   | 120 | 5775.075 | 5725 to 5850 | Pass |
|                     |      |      | 10  | 120 | 5775.000 | 5725 to 5850 | Pass |
|                     |      |      | 30  | 120 | 5775.000 | 5725 to 5850 | Pass |
|                     |      |      | 40  | 120 | 5775.075 | 5725 to 5850 | Pass |
|                     |      |      | 50  | 120 | 5775.075 | 5725 to 5850 | Pass |

## 6. Signal Calibration

### 6.1 Test Result

#### 6.1.1 SC

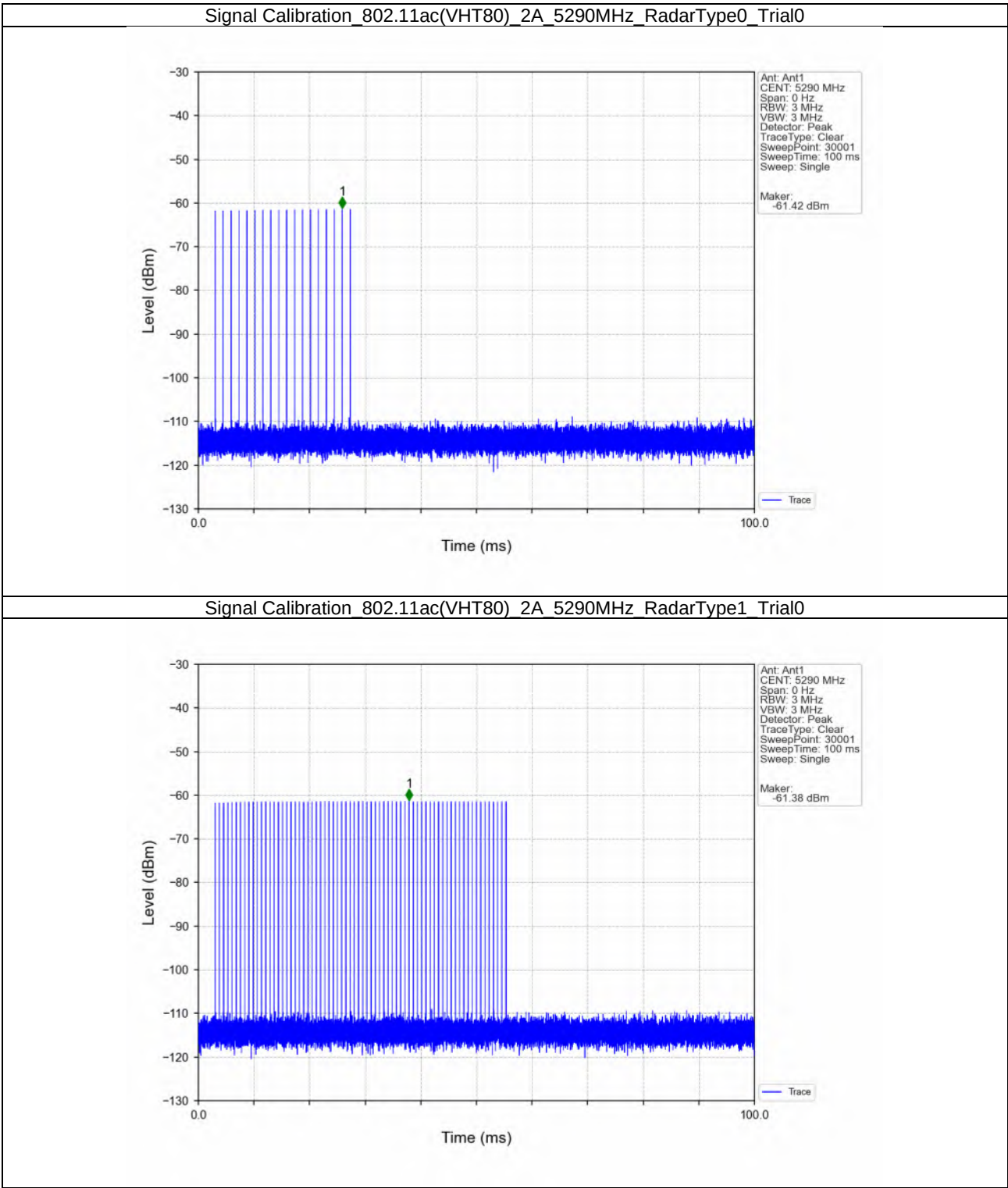
| Band: 2A         |                 |                 |              |          |                     |       |
|------------------|-----------------|-----------------|--------------|----------|---------------------|-------|
| Mode             | Bandwidth (MHz) | Frequency (MHz) | Radar Signal |          | Signal Calibration  |       |
|                  |                 |                 | Type         | Trial Id | Result              | Limit |
| 802.11ac (VHT80) | 80              | 5290            | 0            | 0        | Refer To Test Graph | Pass  |
|                  |                 |                 | 1            | 0        | Refer To Test Graph | Pass  |
|                  |                 |                 | 2            | 0        | Refer To Test Graph | Pass  |
|                  |                 |                 | 3            | 0        | Refer To Test Graph | Pass  |
|                  |                 |                 | 4            | 0        | Refer To Test Graph | Pass  |
|                  |                 |                 | 5            | 0        | Refer To Test Graph | Pass  |
|                  |                 |                 | 6            | 0        | Refer To Test Graph | Pass  |

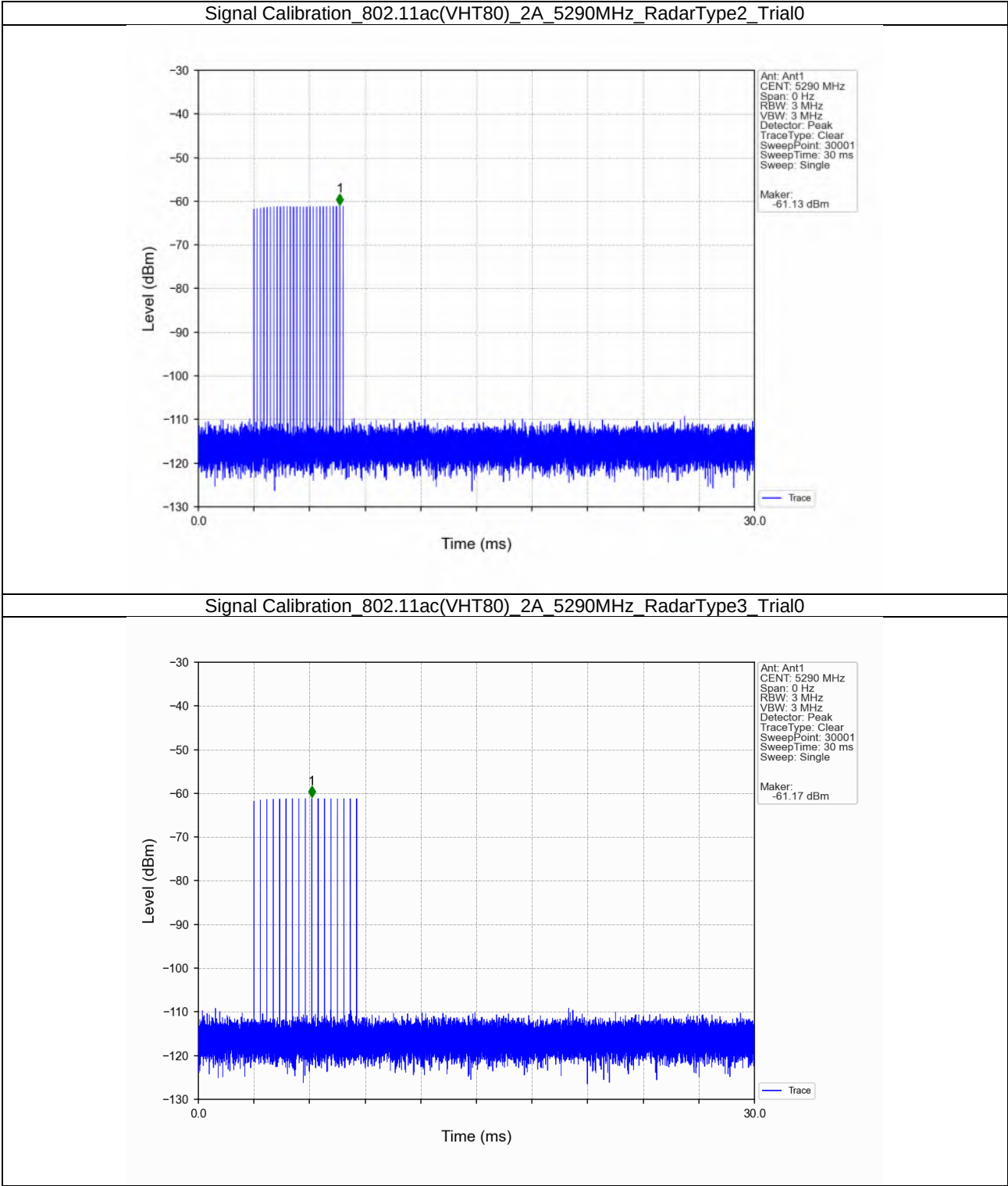
#### 6.1.2 SC

| Band: 2C         |                 |                 |              |          |                     |       |
|------------------|-----------------|-----------------|--------------|----------|---------------------|-------|
| Mode             | Bandwidth (MHz) | Frequency (MHz) | Radar Signal |          | Signal Calibration  |       |
|                  |                 |                 | Type         | Trial Id | Result              | Limit |
| 802.11ac (VHT80) | 80              | 5530            | 0            | 0        | Refer To Test Graph | Pass  |
|                  |                 |                 | 1            | 0        | Refer To Test Graph | Pass  |
|                  |                 |                 | 2            | 0        | Refer To Test Graph | Pass  |
|                  |                 |                 | 3            | 0        | Refer To Test Graph | Pass  |
|                  |                 |                 | 4            | 0        | Refer To Test Graph | Pass  |
|                  |                 |                 | 5            | 0        | Refer To Test Graph | Pass  |
|                  |                 |                 | 6            | 0        | Refer To Test Graph | Pass  |

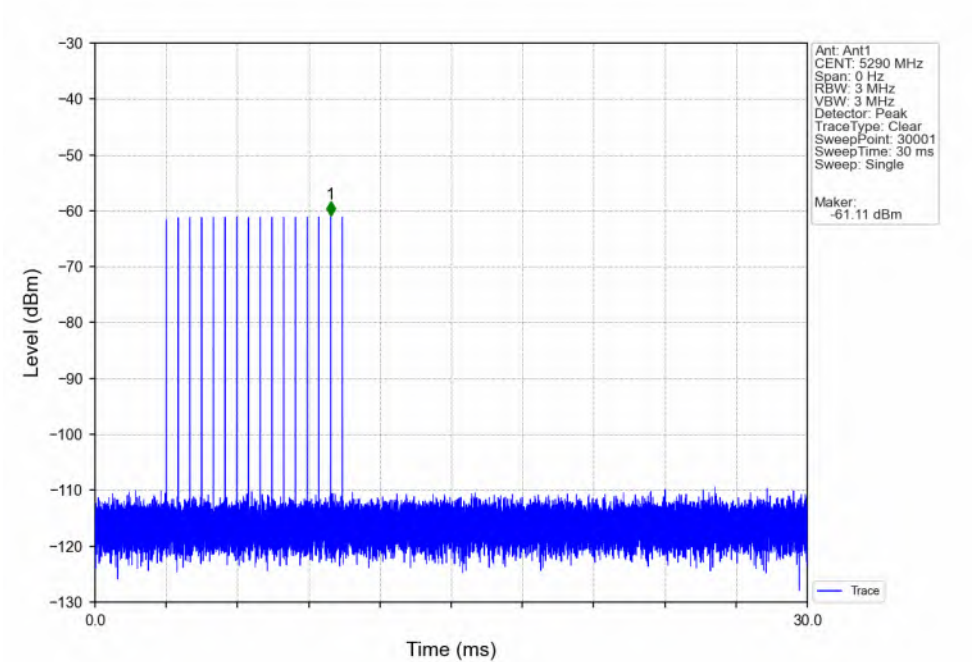
## 6.2 Test Graph

### 6.2.1 SC

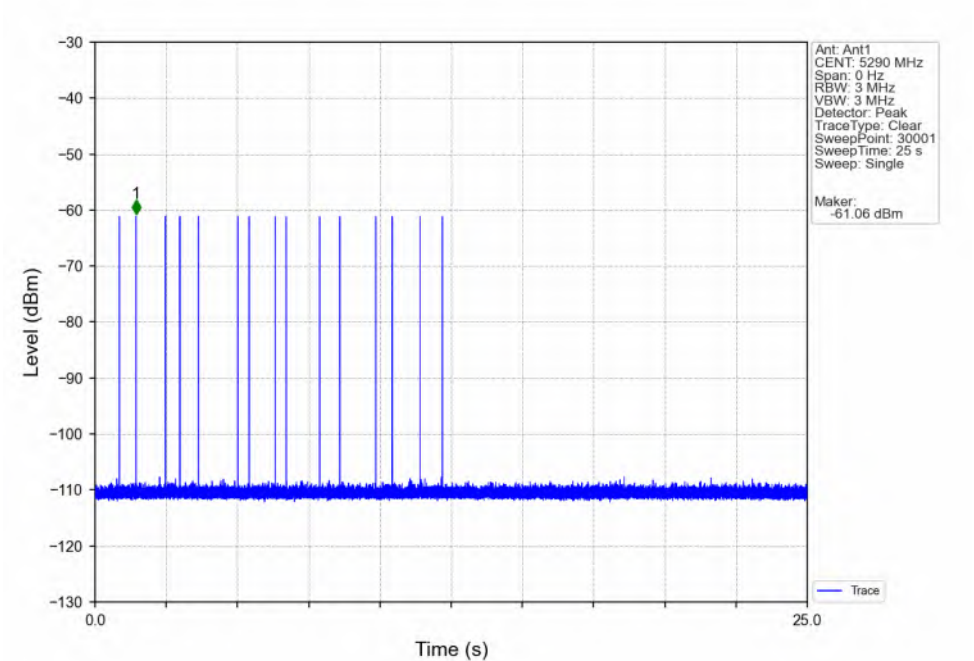


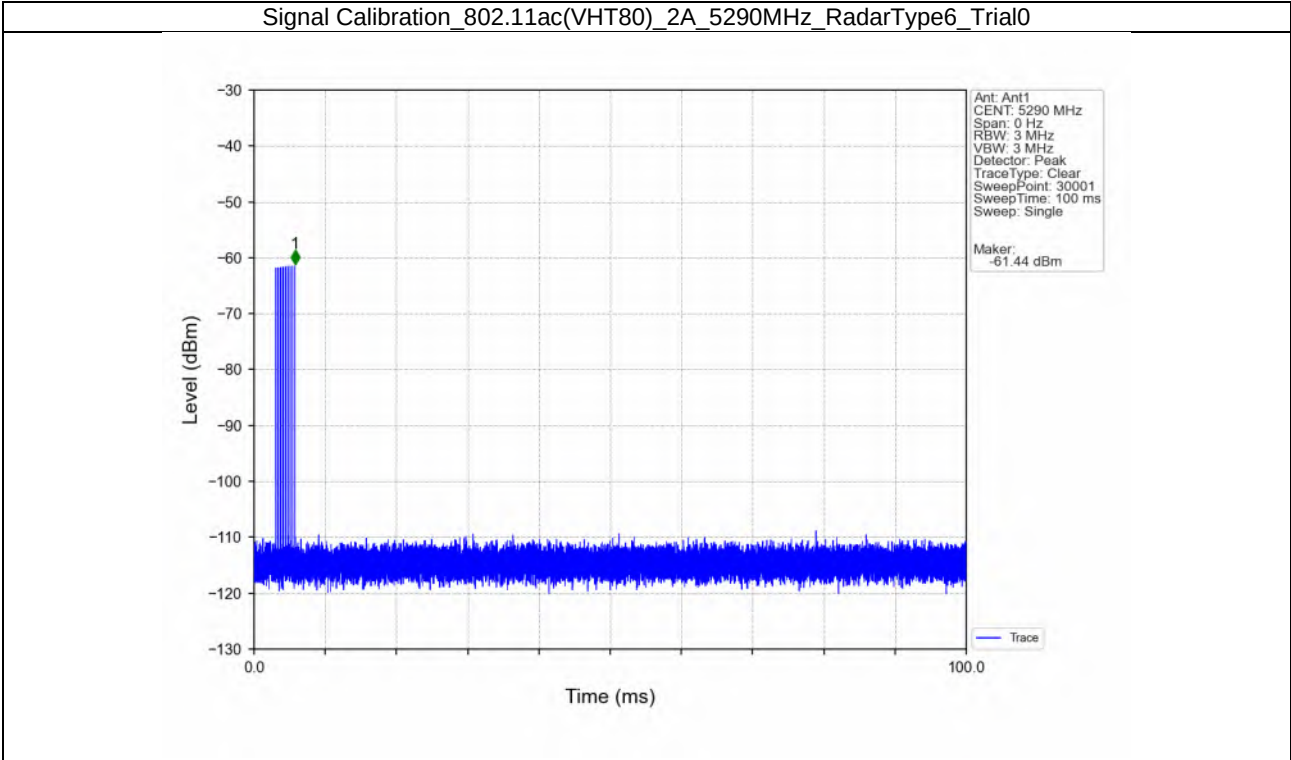


Signal Calibration\_802.11ac(VHT80)\_2A\_5290MHz\_RadarType4\_Trial0

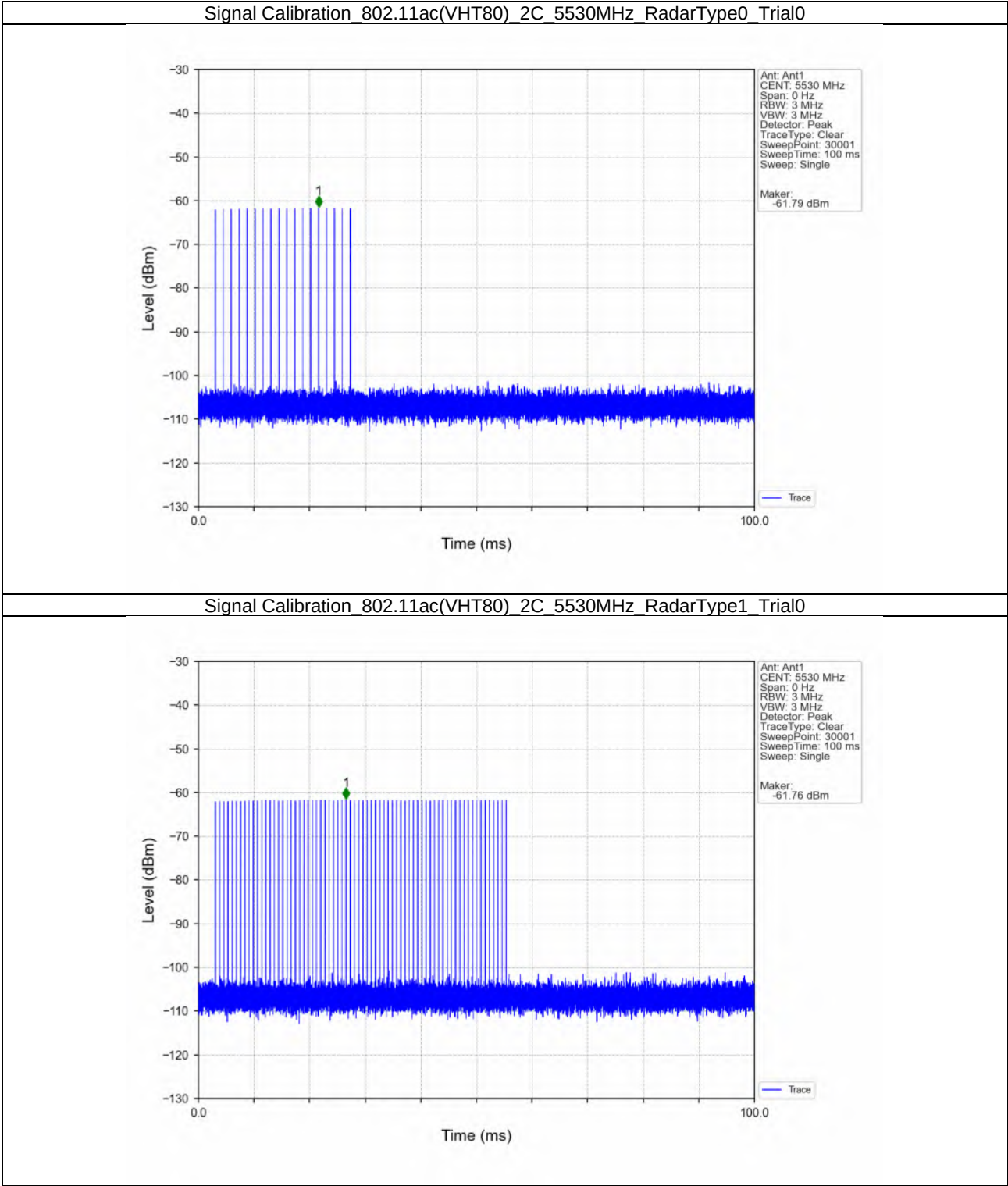


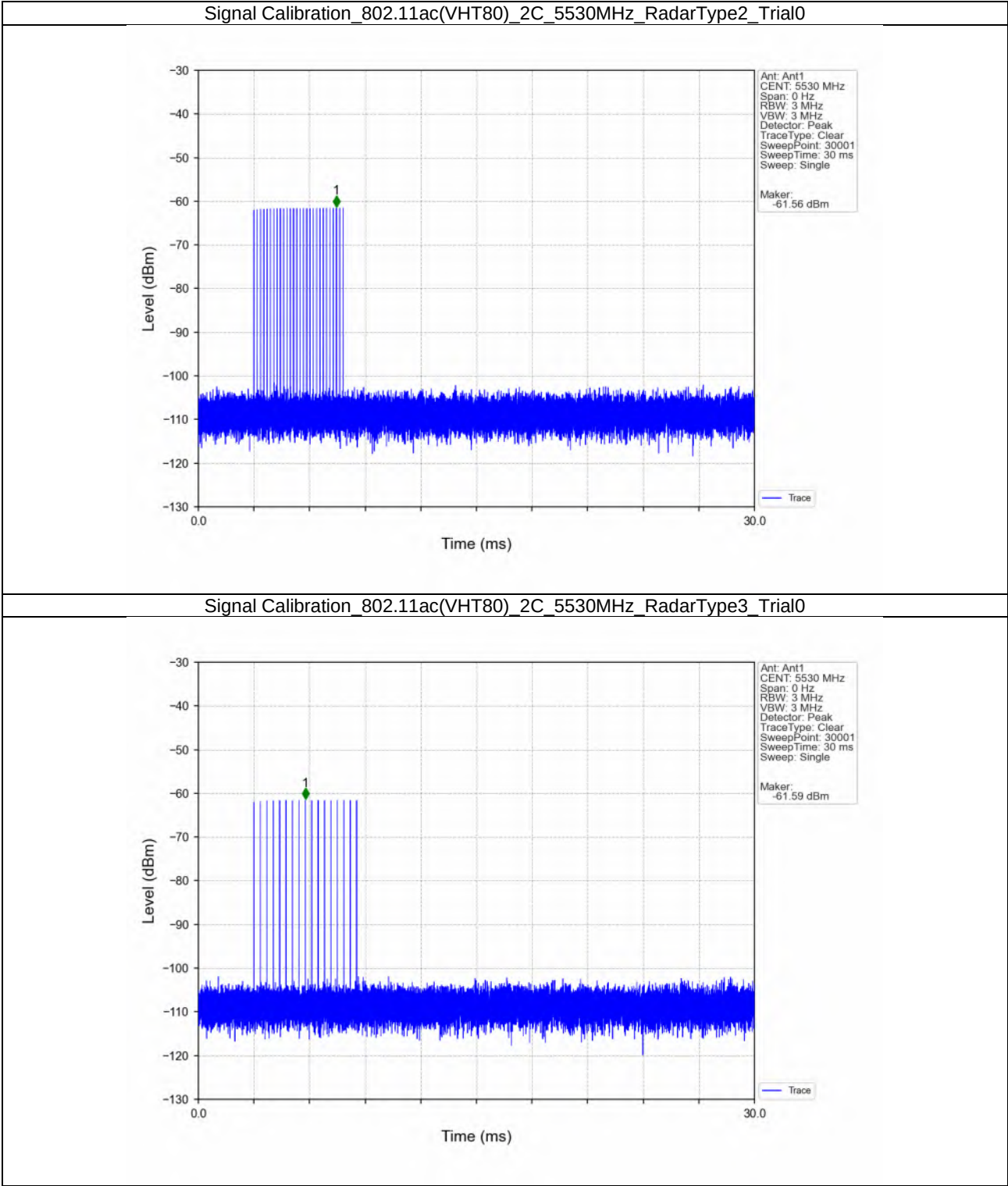
Signal Calibration\_802.11ac(VHT80)\_2A\_5290MHz\_RadarType5\_Trial0

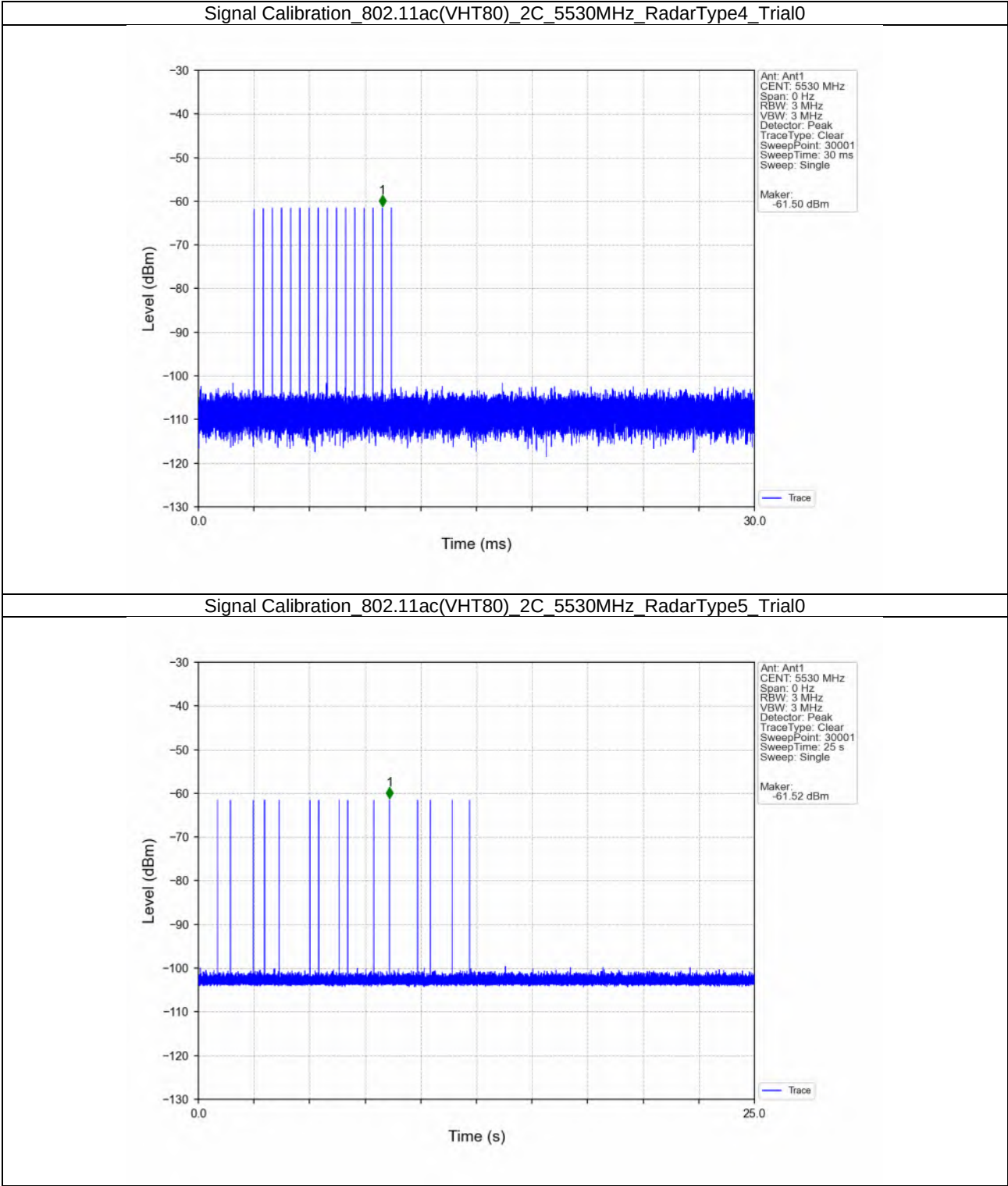


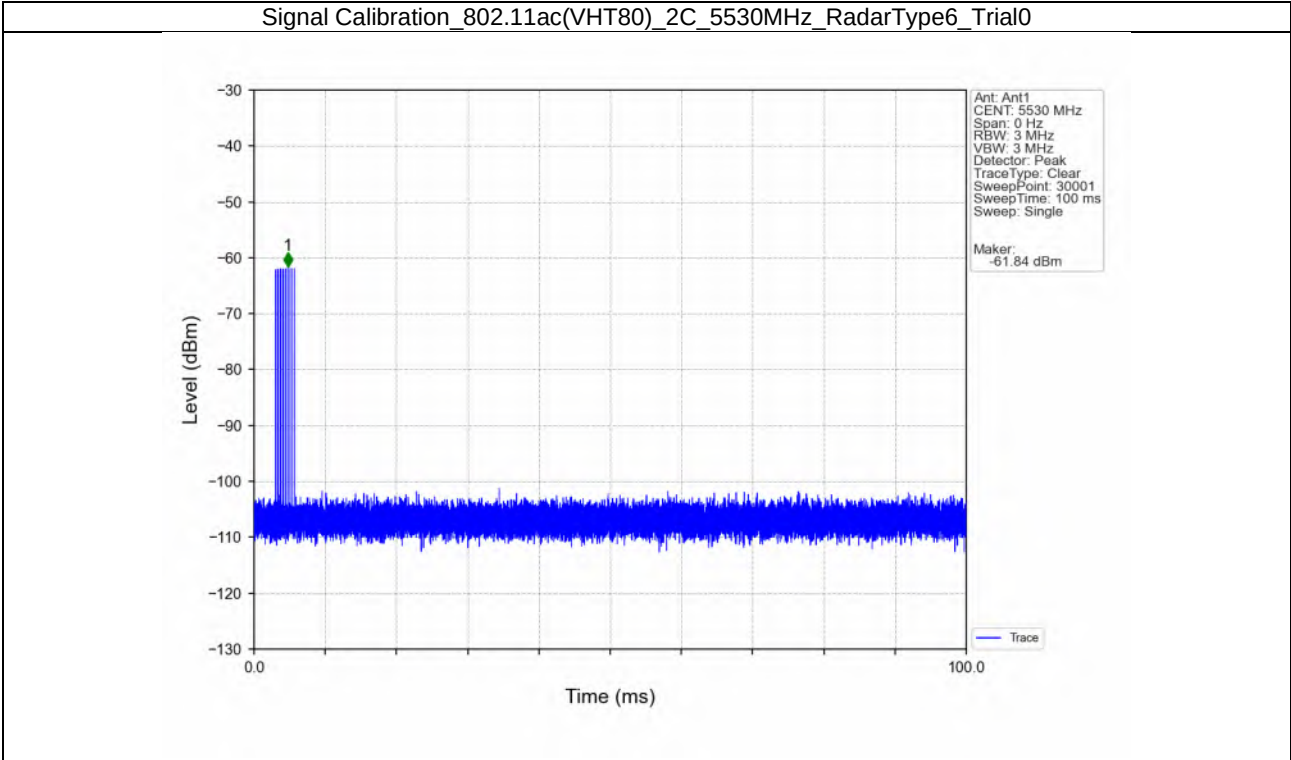


6.2.2 SC









## 7. Channel Loading (Payload)

### 7.1 Test Result

#### 7.1.1 Payload

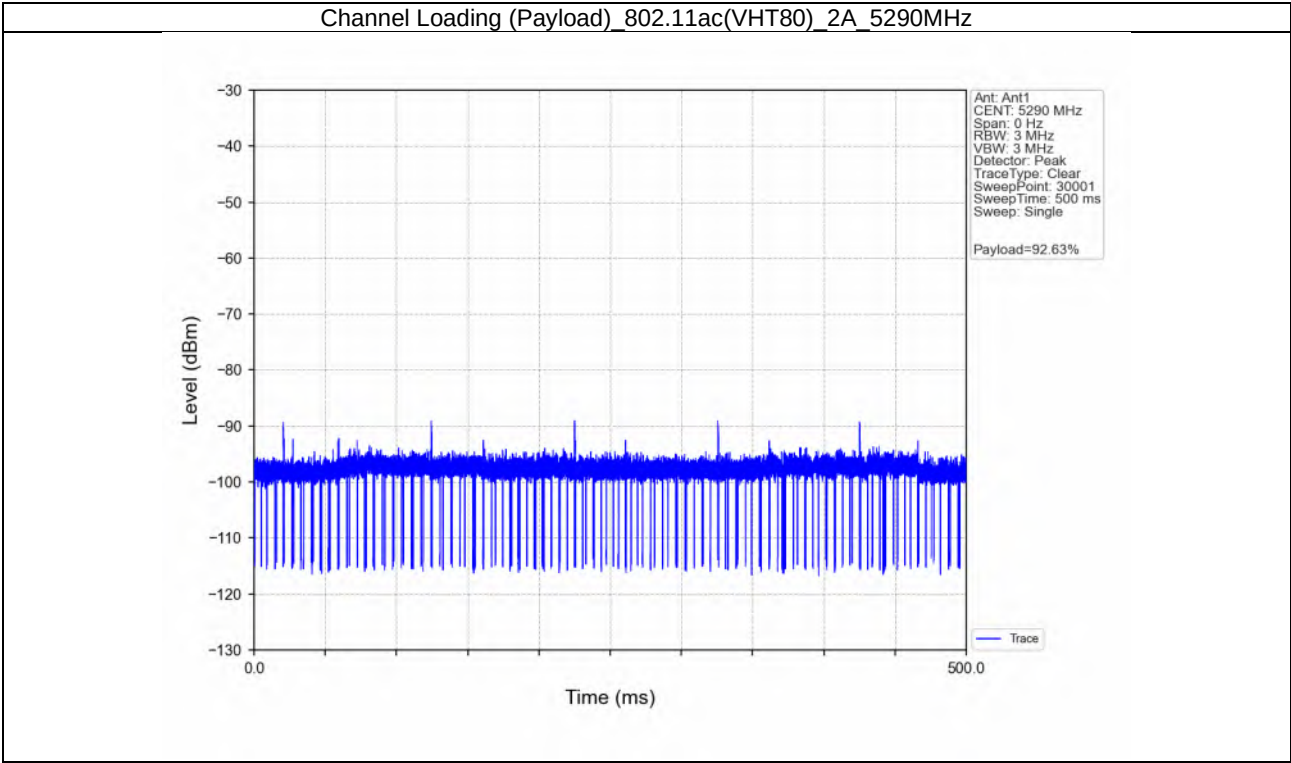
| Band: 2A         |                 |                 |                               |       |         |
|------------------|-----------------|-----------------|-------------------------------|-------|---------|
| Mode             | Bandwidth (MHz) | Frequency (MHz) | Channel Loading (Payload) (%) |       | Verdict |
|                  |                 |                 | Result                        | Limit |         |
| 802.11ac (VHT80) | 80              | 5290            | 92.63                         | >=17  | Pass    |

#### 7.1.2 Payload

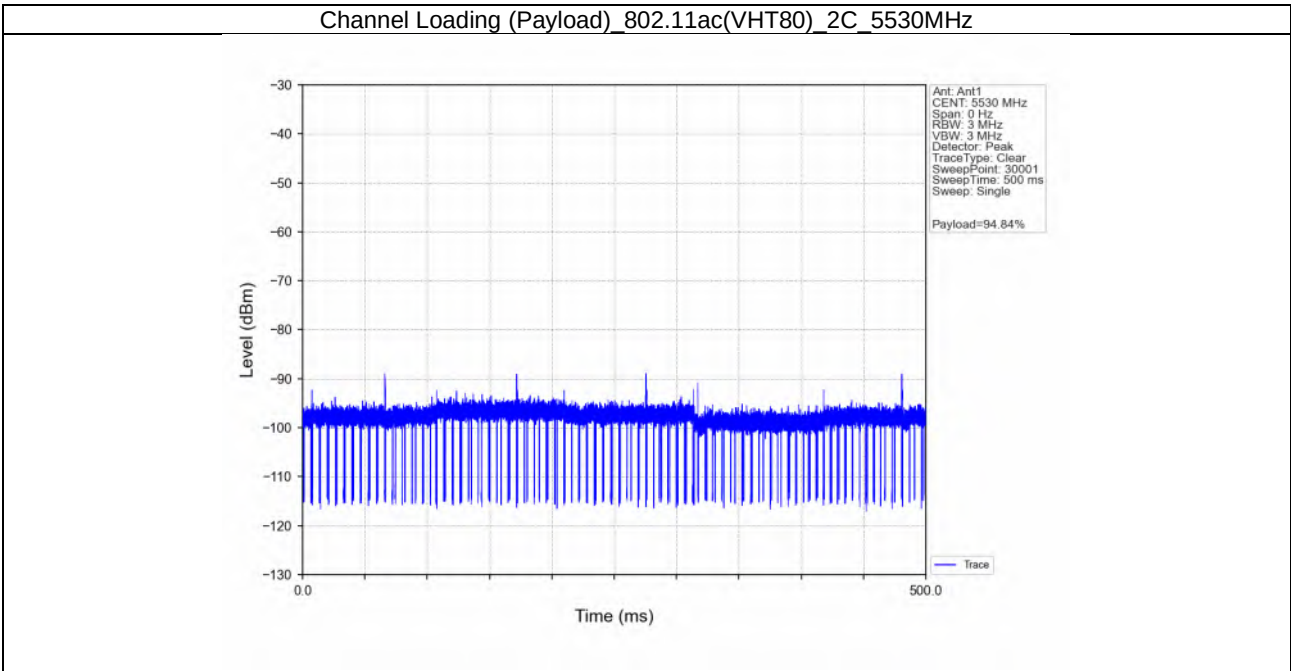
| Band: 2C         |                 |                 |                               |       |         |
|------------------|-----------------|-----------------|-------------------------------|-------|---------|
| Mode             | Bandwidth (MHz) | Frequency (MHz) | Channel Loading (Payload) (%) |       | Verdict |
|                  |                 |                 | Result                        | Limit |         |
| 802.11ac (VHT80) | 80              | 5530            | 94.84                         | >=17  | Pass    |

## 7.2 Test Graph

### 7.2.1 Payload



7.2.2 Payload



## 8. Channel Move Time and Closing Transmission Time

### 8.1 Test Result

#### 8.1.1 CMT\_CTT

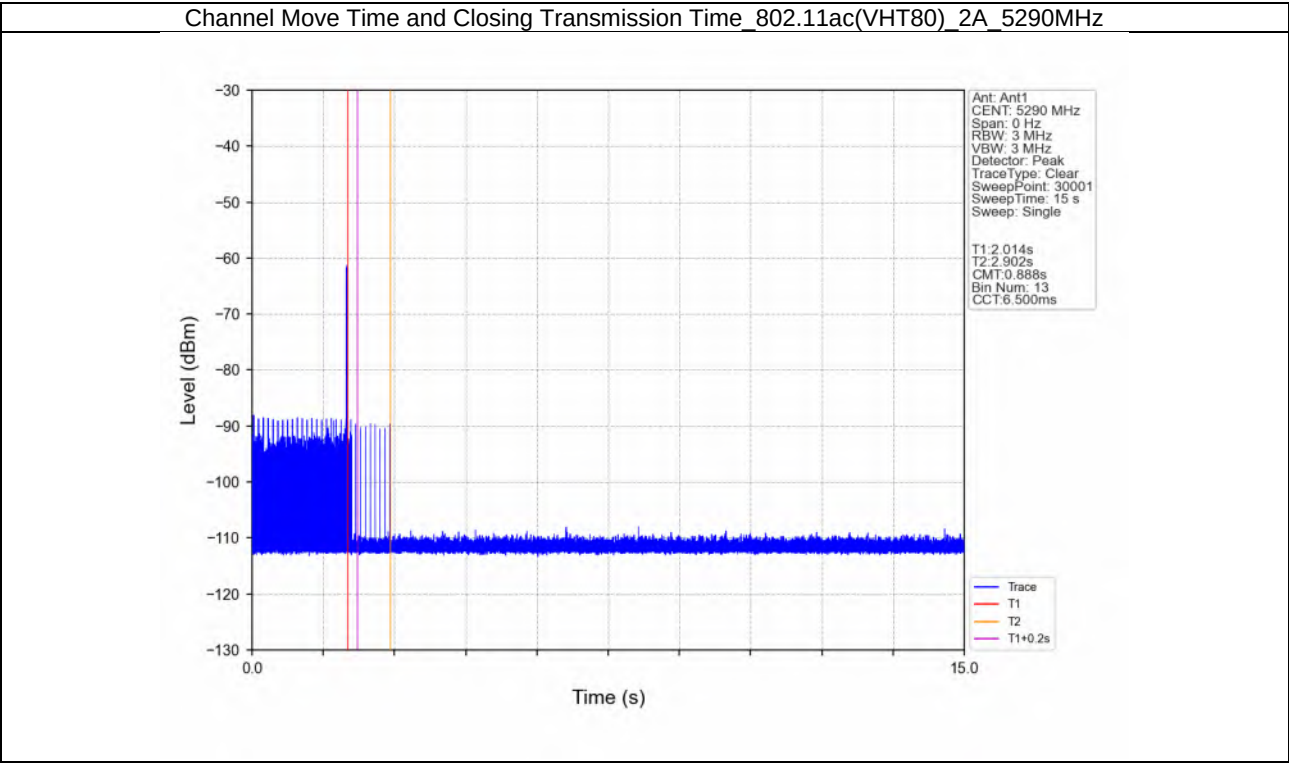
| Band: 2A         |                 |                 |                                                 |       |         |
|------------------|-----------------|-----------------|-------------------------------------------------|-------|---------|
| Mode             | Bandwidth (MHz) | Frequency (MHz) | Channel Move Time and Closing Transmission Time |       | Verdict |
|                  |                 |                 | Result                                          | Limit |         |
| 802.11ac (VHT80) | 80              | 5290            | Refer To Test Graph                             |       | Pass    |

#### 8.1.2 CMT\_CTT

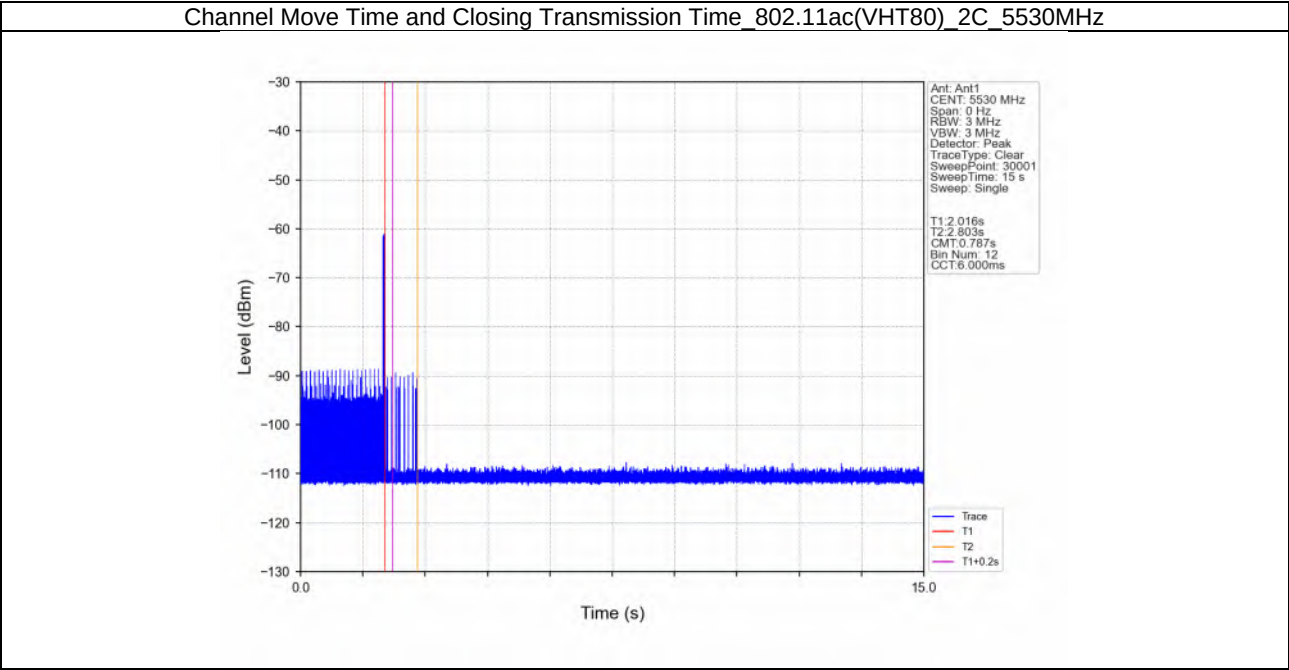
| Band: 2C         |                 |                 |                                                 |       |         |
|------------------|-----------------|-----------------|-------------------------------------------------|-------|---------|
| Mode             | Bandwidth (MHz) | Frequency (MHz) | Channel Move Time and Closing Transmission Time |       | Verdict |
|                  |                 |                 | Result                                          | Limit |         |
| 802.11ac (VHT80) | 80              | 5530            | Refer To Test Graph                             |       | Pass    |

## 8.2 Test Graph

### 8.2.1 CMT\_CTT



### 8.2.2 CMT\_CTT



## 9. Non-Occupancy Period

### 9.1 Test Result

#### 9.1.1 Period

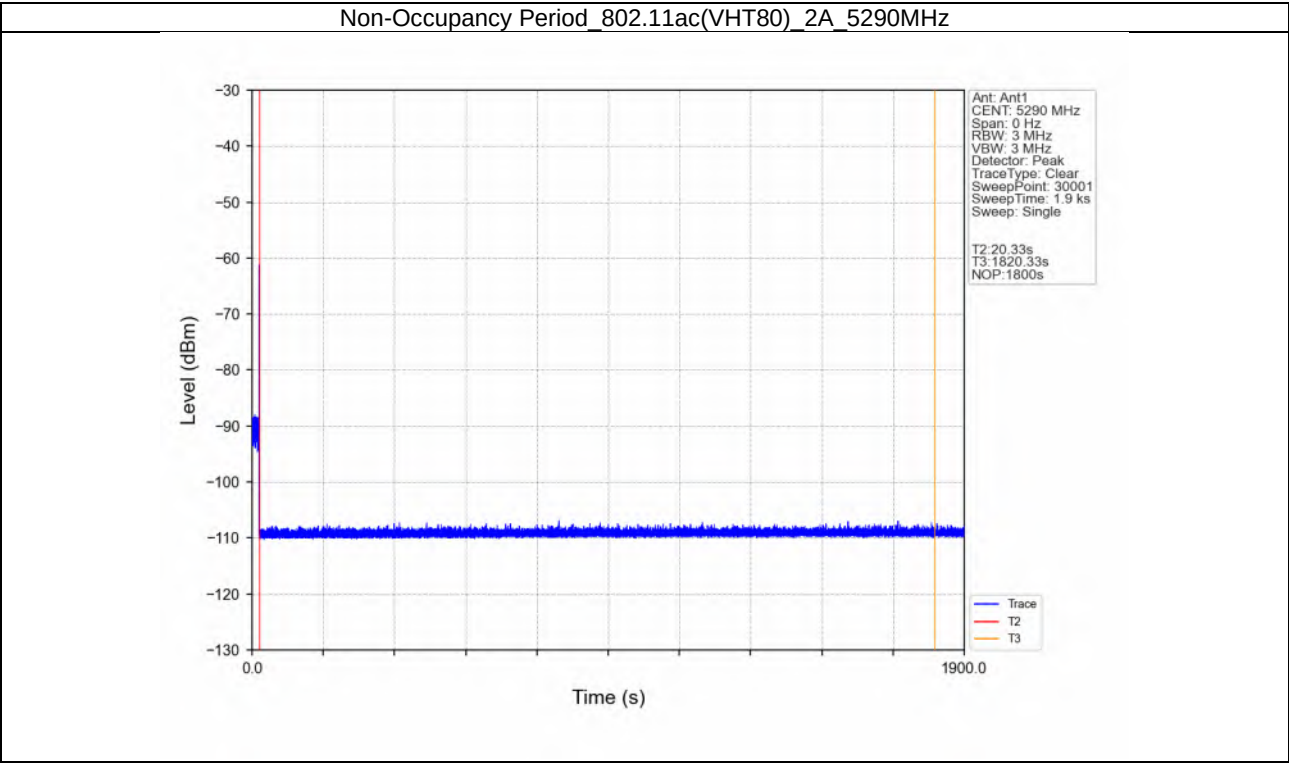
| Band: 2A         |                 |                 |                      |       |         |
|------------------|-----------------|-----------------|----------------------|-------|---------|
| Mode             | Bandwidth (MHz) | Frequency (MHz) | Non-Occupancy Period |       | Verdict |
|                  |                 |                 | Result               | Limit |         |
| 802.11ac (VHT80) | 80              | 5290            | Refer To Test Graph  |       | Pass    |

#### 9.1.2 Period

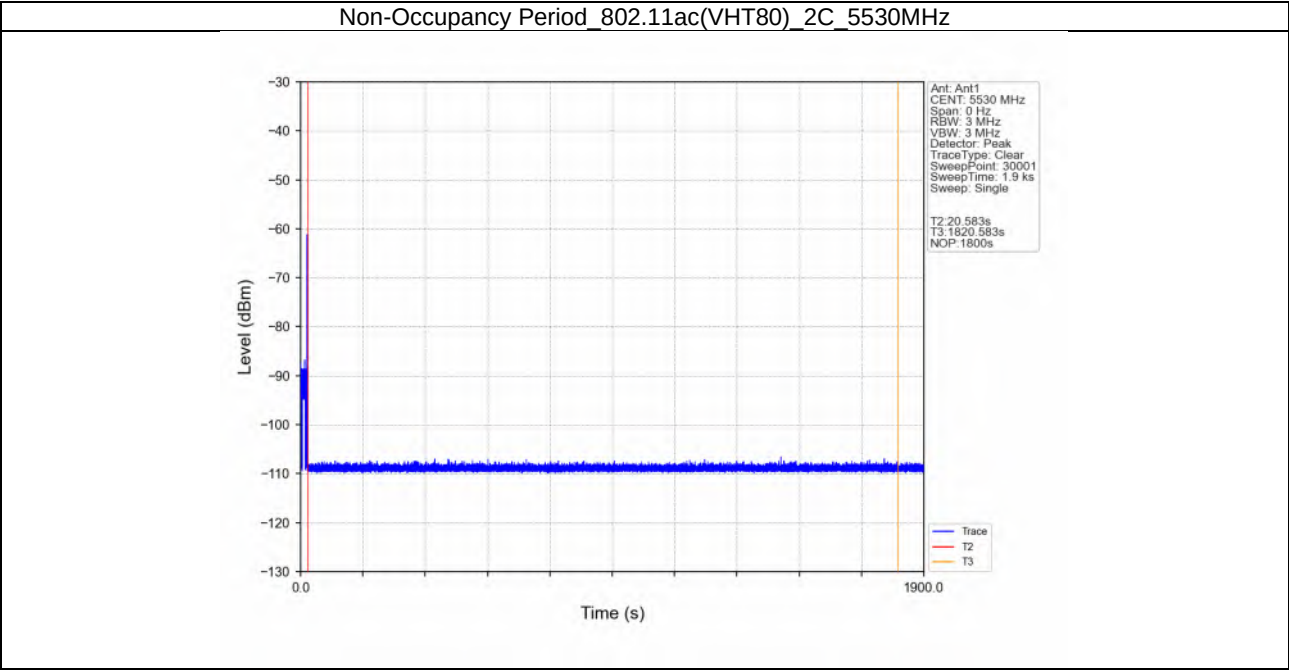
| Band: 2C         |                 |                 |                      |       |         |
|------------------|-----------------|-----------------|----------------------|-------|---------|
| Mode             | Bandwidth (MHz) | Frequency (MHz) | Non-Occupancy Period |       | Verdict |
|                  |                 |                 | Result               | Limit |         |
| 802.11ac (VHT80) | 80              | 5530            | Refer To Test Graph  |       | Pass    |

## 9.2 Test Graph

### 9.2.1 Period



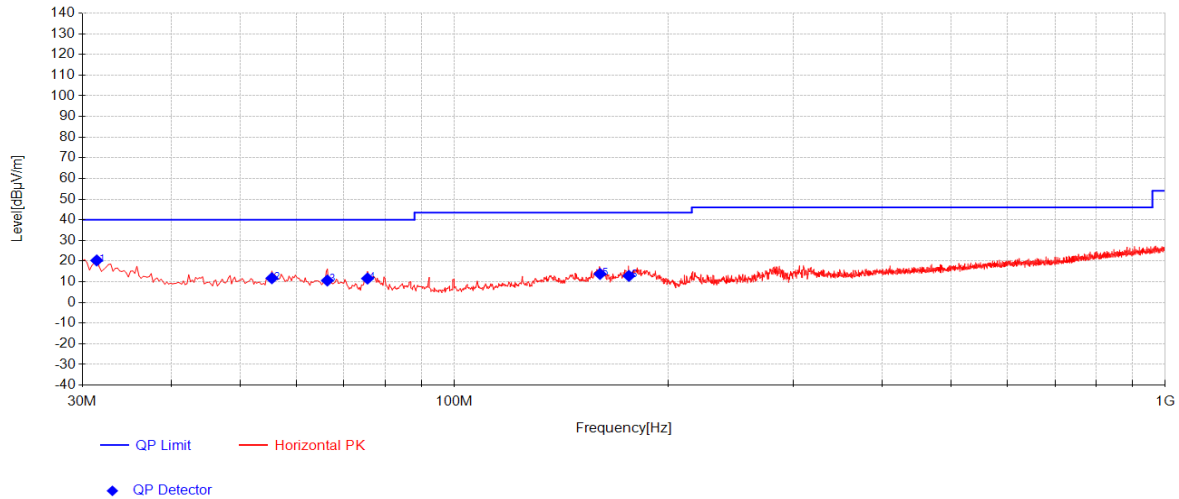
4.2.2 Period



## Radiated Spurious Emissions

### Radiated emission below 1GHz

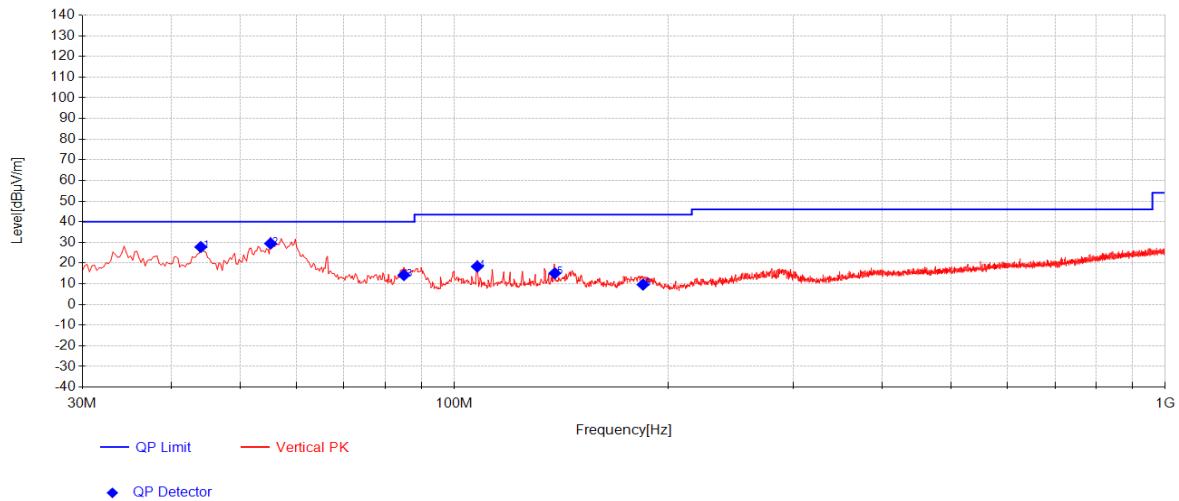
Worst case Mode: 802.11ac40\_Channel 38



#### Final Data List

| NO. | Frequency [MHz] | Reading [dBμV] | AF [dB/m] | Factor [dB] | QP Value [dBμV/m] | QP Limit [dBμV/m] | QP Margin [dB] | Height [cm] | Angle [°] | Polarity   |
|-----|-----------------|----------------|-----------|-------------|-------------------|-------------------|----------------|-------------|-----------|------------|
| 1   | 31.455          | 41.75          | 12.59     | -34.01      | 20.33             | 40.00             | 19.67          | 136         | 9         | Horizontal |
| 2   | 55.4625         | 32.51          | 12.84     | -33.62      | 11.74             | 40.00             | 28.26          | 184         | 338       | Horizontal |
| 3   | 66.375          | 33.15          | 10.96     | -33.47      | 10.64             | 40.00             | 29.36          | 127         | 74        | Horizontal |
| 4   | 75.59           | 35.26          | 9.70      | -33.38      | 11.58             | 40.00             | 28.42          | 136         | 0         | Horizontal |
| 5   | 160.465         | 33.62          | 12.75     | -32.55      | 13.82             | 43.50             | 29.68          | 195         | 267       | Horizontal |
| 6   | 176.2275        | 34.17          | 11.10     | -32.39      | 12.87             | 43.50             | 30.63          | 154         | 267       | Horizontal |

## 802.11ac40\_Channel 38



| Final Data List |                 |                |           |             |                   |                   |                |             |           |          |
|-----------------|-----------------|----------------|-----------|-------------|-------------------|-------------------|----------------|-------------|-----------|----------|
| NO.             | Frequency [MHz] | Reading [dBμV] | AF [dB/m] | Factor [dB] | QP Value [dBμV/m] | QP Limit [dBμV/m] | QP Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1               | 44.065          | 48.26          | 13.32     | -33.79      | 27.79             | 40.00             | 12.21          | 142         | 185       | Vertical |
| 2               | 55.22           | 50.24          | 12.87     | -33.62      | 29.49             | 40.00             | 10.51          | 136         | 360       | Vertical |
| 3               | 85.0475         | 38.41          | 9.10      | -33.30      | 14.21             | 40.00             | 25.79          | 184         | 225       | Vertical |
| 4               | 107.8425        | 41.29          | 10.10     | -33.02      | 18.37             | 43.50             | 25.13          | 112         | 237       | Vertical |
| 5               | 138.64          | 35.27          | 12.62     | -32.78      | 15.11             | 43.50             | 28.39          | 195         | 155       | Vertical |
| 6               | 184.4725        | 31.47          | 10.50     | -32.35      | 9.61              | 43.50             | 33.89          | 171         | 216       | Vertical |

### Remark:

- The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier gain. The basic equation with a sample calculation is as follows:  

$$\text{Value} = \text{Reading}(\text{dB}\mu\text{V}) + \text{AF}(\text{dB/m}) + \text{Factor}(\text{dB})$$

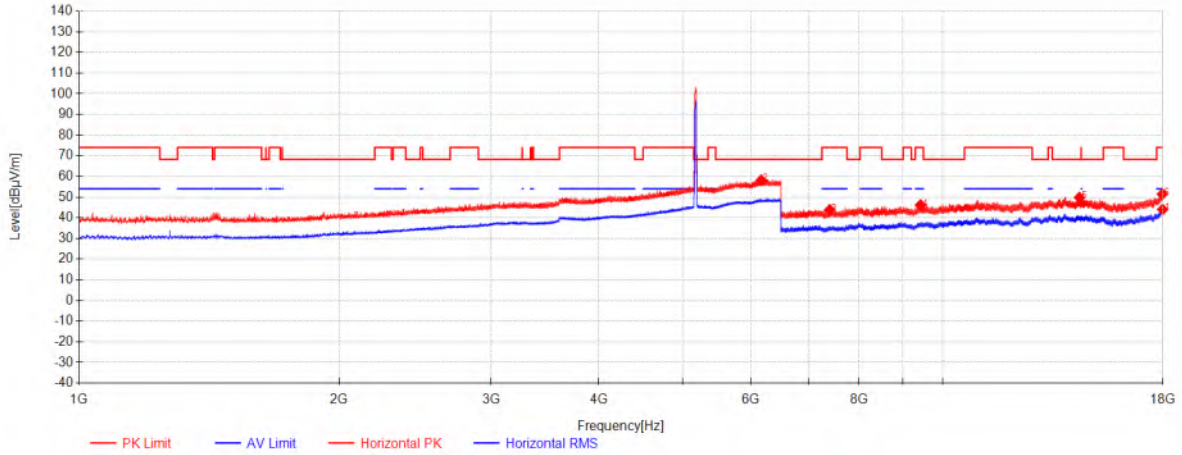
$$\text{AF} = \text{Antenna Factor}(\text{dB/m})$$

$$\text{Factor} = \text{Cable Factor}(\text{dB}) - \text{Preamplifier gain}(\text{dB})$$

$$\text{Margin} = \text{Limit}(\text{dB}\mu\text{V/m}) - \text{Value}(\text{dB}\mu\text{V/m})$$
- All channels have been tested, but only the worst case data displayed in this report.

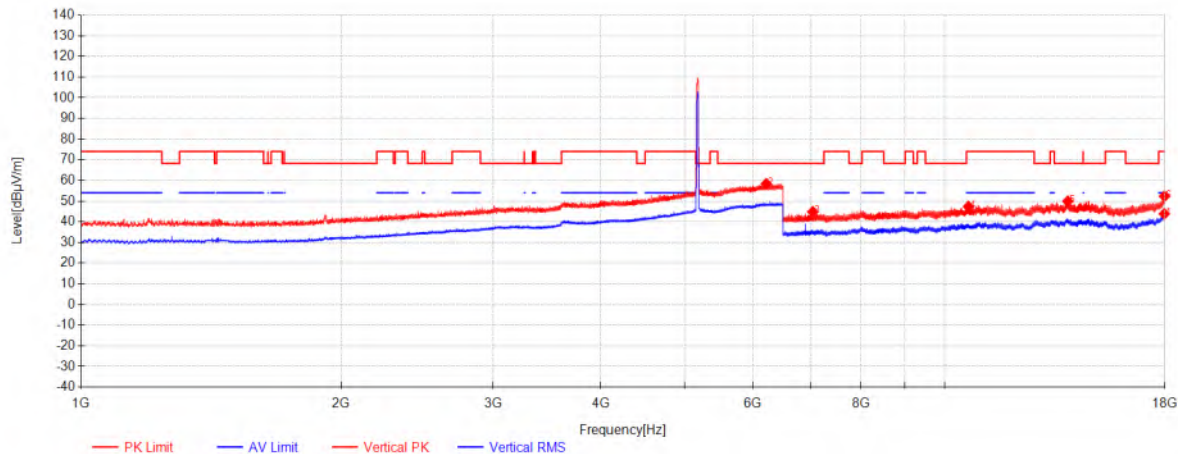
## Transmitter emission Above 1GHz

### 802.11a\_Channel 36



| Data List |                 |                |           |             |                |                |             |            |
|-----------|-----------------|----------------|-----------|-------------|----------------|----------------|-------------|------------|
| NO.       | Frequency [MHz] | Reading [dBμV] | AF [dB/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Polarity   |
| 1         | 17980.45        | 33.37          | 41.64     | -30.97      | 44.04          | 54.00          | 9.96        | Horizontal |
| 2         | 6165.4167       | 40.08          | 34.83     | -16.77      | 58.15          | 68.20          | 10.05       | Horizontal |
| 3         | 7400.45         | 49.54          | 36.30     | -42.03      | 43.81          | 74.00          | 30.19       | Horizontal |
| 4         | 9429.8167       | 46.71          | 38.04     | -38.58      | 46.17          | 74.00          | 27.83       | Horizontal |
| 5         | 14403.1833      | 43.42          | 40.16     | -33.79      | 49.78          | 68.20          | 18.42       | Horizontal |
| 6         | 17967.4167      | 40.88          | 41.61     | -31.00      | 51.49          | 74.00          | 22.51       | Horizontal |

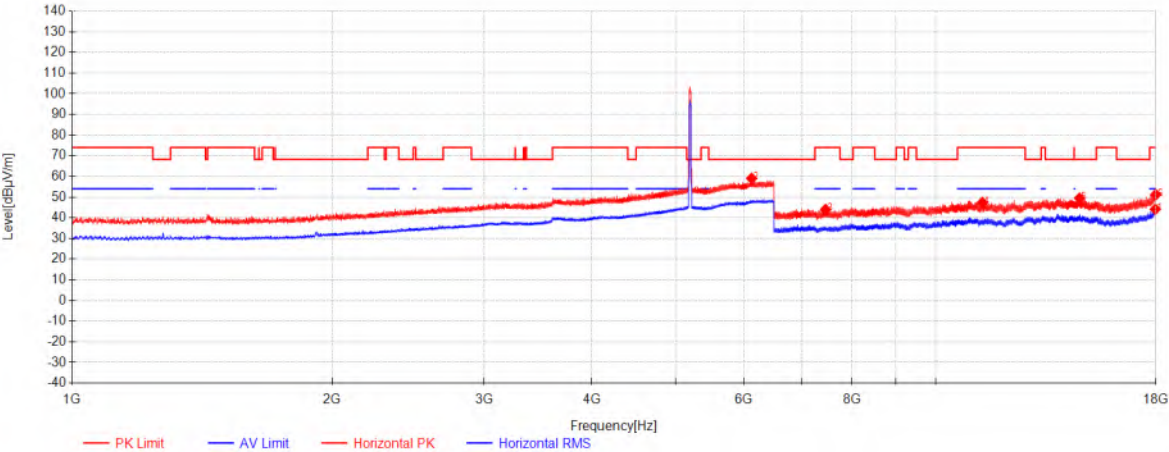
## 802.11a\_Channel 36



### Data List

| NO. | Frequency [MHz] | Reading [dBμV] | AF [dB/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Polarity |
|-----|-----------------|----------------|-----------|-------------|----------------|----------------|-------------|----------|
| 1   | 17962.8167      | 33.26          | 41.59     | -31.00      | 43.85          | 54.00          | 10.15       | Vertical |
| 2   | 6215.8333       | 40.32          | 34.93     | -16.85      | 58.41          | 68.20          | 9.79        | Vertical |
| 3   | 7035.5167       | 51.10          | 36.30     | -42.58      | 44.82          | 68.20          | 23.38       | Vertical |
| 4   | 10655.7167      | 44.72          | 38.89     | -36.24      | 47.37          | 74.00          | 26.63       | Vertical |
| 5   | 13889.9         | 43.55          | 40.34     | -33.94      | 49.96          | 68.20          | 18.24       | Vertical |
| 6   | 17971.25        | 41.71          | 41.62     | -30.99      | 52.34          | 74.00          | 21.66       | Vertical |

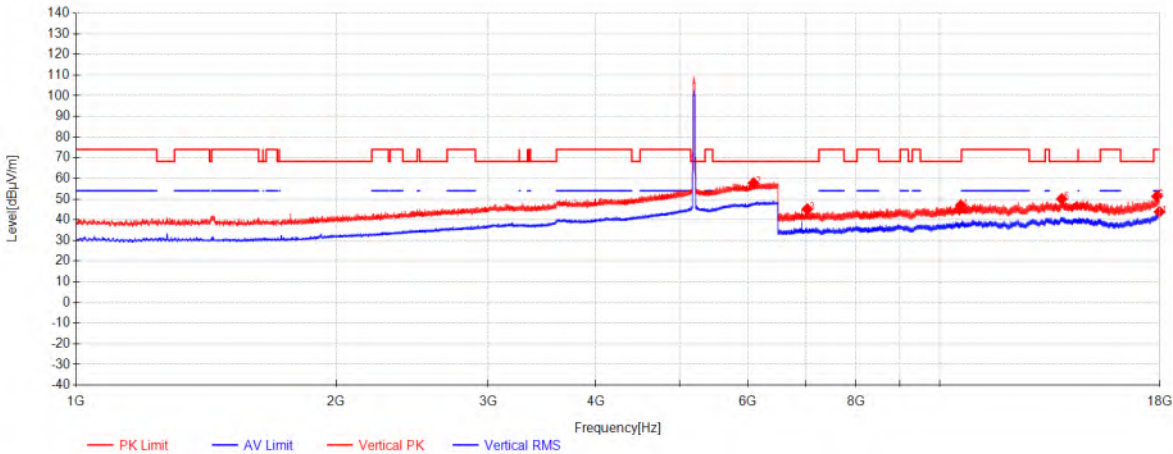
802.11a\_Channel 40



Data List

| NO. | Frequency [MHz] | Reading [dBμV] | AF [dB/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Polarity   |
|-----|-----------------|----------------|-----------|-------------|----------------|----------------|-------------|------------|
| 1   | 17965.1167      | 33.55          | 41.60     | -31.00      | 44.15          | 54.00          | 9.85        | Horizontal |
| 2   | 6121.875        | 41.02          | 34.74     | -16.71      | 59.06          | 68.20          | 9.14        | Horizontal |
| 3   | 7457.95         | 49.73          | 36.30     | -42.04      | 43.99          | 74.00          | 30.01       | Horizontal |
| 4   | 11326.9333      | 44.19          | 39.10     | -35.91      | 47.38          | 74.00          | 26.62       | Horizontal |
| 5   | 14679.1833      | 43.46          | 39.99     | -33.98      | 49.47          | 68.20          | 18.73       | Horizontal |
| 6   | 17984.6667      | 40.49          | 41.66     | -30.96      | 51.18          | 74.00          | 22.82       | Horizontal |

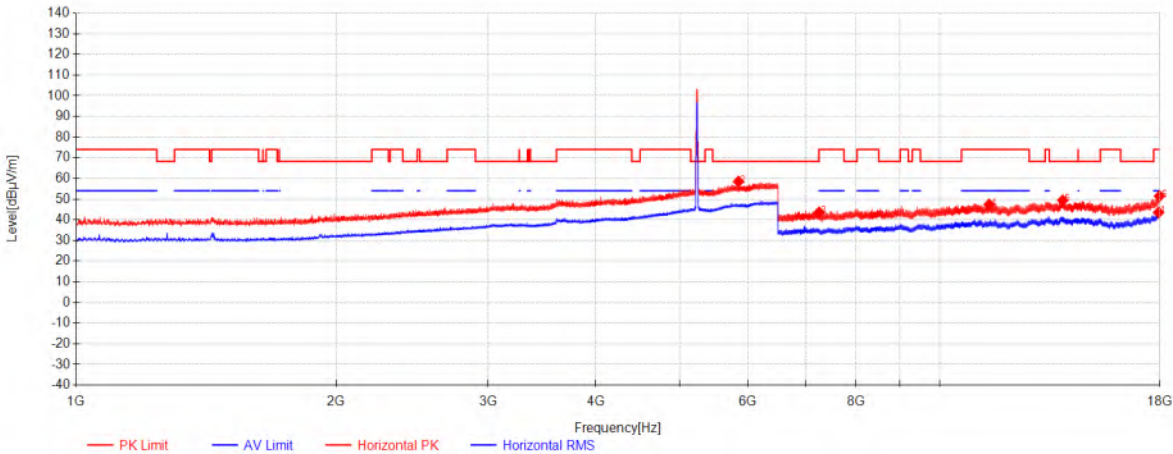
802.11a\_Channel 40



Data List

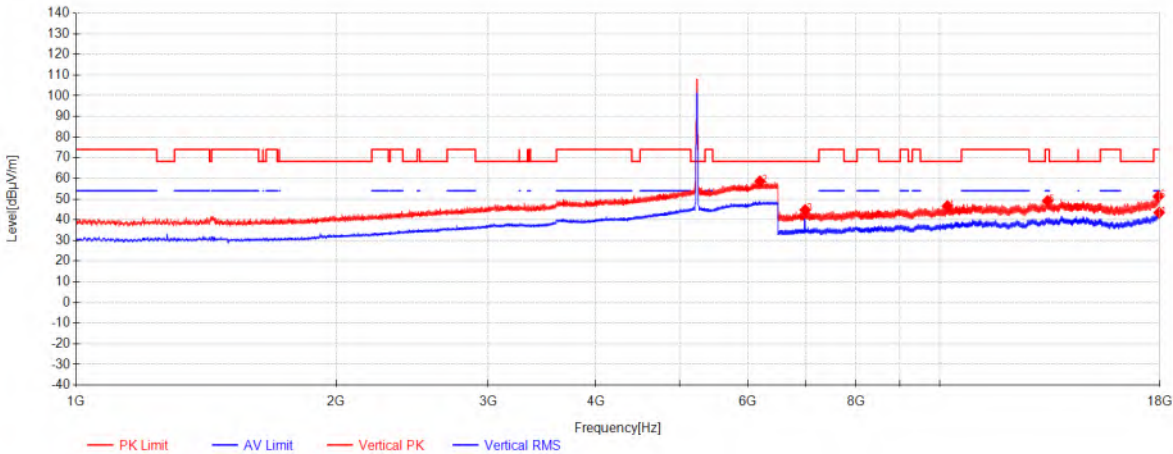
| NO. | Frequency [MHz] | Reading [dBμV] | AF [dB/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Polarity |
|-----|-----------------|----------------|-----------|-------------|----------------|----------------|-------------|----------|
| 1   | 17973.1667      | 33.24          | 41.62     | -30.98      | 43.88          | 54.00          | 10.12       | Vertical |
| 2   | 6086.5833       | 39.81          | 34.67     | -16.74      | 57.74          | 68.20          | 10.46       | Vertical |
| 3   | 7026.3167       | 51.44          | 36.30     | -42.59      | 45.15          | 68.20          | 23.05       | Vertical |
| 4   | 10579.05        | 44.80          | 38.79     | -36.62      | 46.98          | 68.20          | 21.22       | Vertical |
| 5   | 13848.8833      | 44.22          | 40.32     | -34.49      | 50.05          | 68.20          | 18.15       | Vertical |
| 6   | 17852.0333      | 41.56          | 41.27     | -31.51      | 51.32          | 74.00          | 22.68       | Vertical |

802.11a\_Channel 48



| Data List |                 |                |           |             |                |                |             |            |
|-----------|-----------------|----------------|-----------|-------------|----------------|----------------|-------------|------------|
| NO.       | Frequency [MHz] | Reading [dBμV] | AF [dB/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Polarity   |
| 1         | 17930.2333      | 33.13          | 41.50     | -31.07      | 43.56          | 54.00          | 10.44       | Horizontal |
| 2         | 5848.7083       | 41.36          | 34.05     | -16.92      | 58.49          | 68.20          | 9.71        | Horizontal |
| 3         | 7252.4833       | 49.40          | 36.30     | -42.08      | 43.62          | 74.00          | 30.38       | Horizontal |
| 4         | 11412.0333      | 43.99          | 39.05     | -35.64      | 47.40          | 74.00          | 26.60       | Horizontal |
| 5         | 13883.7667      | 43.07          | 40.34     | -34.02      | 49.39          | 68.20          | 18.81       | Horizontal |
| 6         | 17975.4667      | 40.84          | 41.63     | -30.98      | 51.49          | 74.00          | 22.51       | Horizontal |

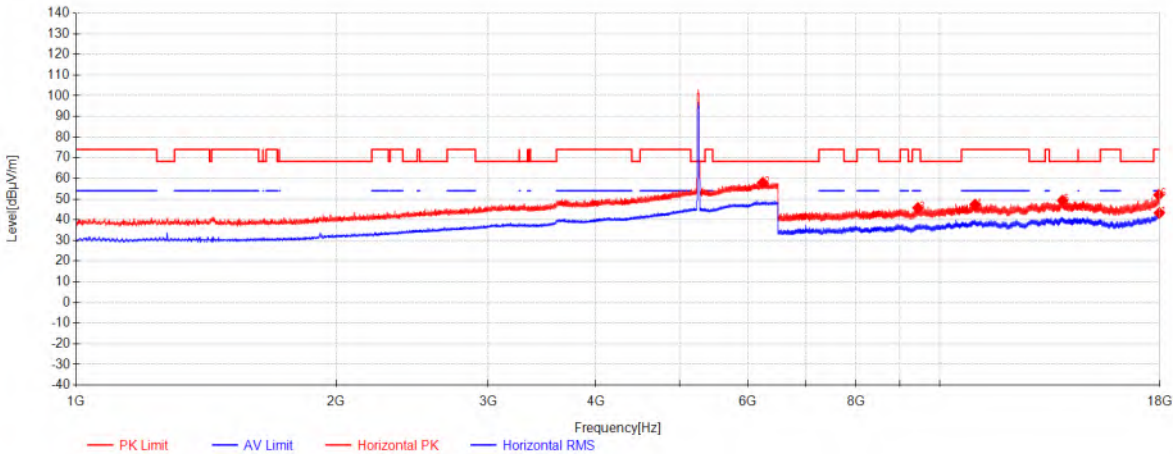
802.11a\_Channel 48



Data List

| NO. | Frequency [MHz] | Reading [dBμV] | AF [dB/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Polarity |
|-----|-----------------|----------------|-----------|-------------|----------------|----------------|-------------|----------|
| 1   | 17957.8333      | 32.91          | 41.58     | -31.01      | 43.47          | 54.00          | 10.53       | Vertical |
| 2   | 6193.8333       | 40.50          | 34.89     | -16.80      | 58.59          | 68.20          | 9.61        | Vertical |
| 3   | 6986.45         | 51.11          | 36.28     | -42.63      | 44.76          | 68.20          | 23.44       | Vertical |
| 4   | 10207.9833      | 44.58          | 38.35     | -36.31      | 46.62          | 68.20          | 21.58       | Vertical |
| 5   | 13335.2167      | 43.63          | 40.07     | -34.56      | 49.14          | 74.00          | 24.86       | Vertical |
| 6   | 17915.2833      | 40.90          | 41.45     | -31.10      | 51.25          | 74.00          | 22.75       | Vertical |

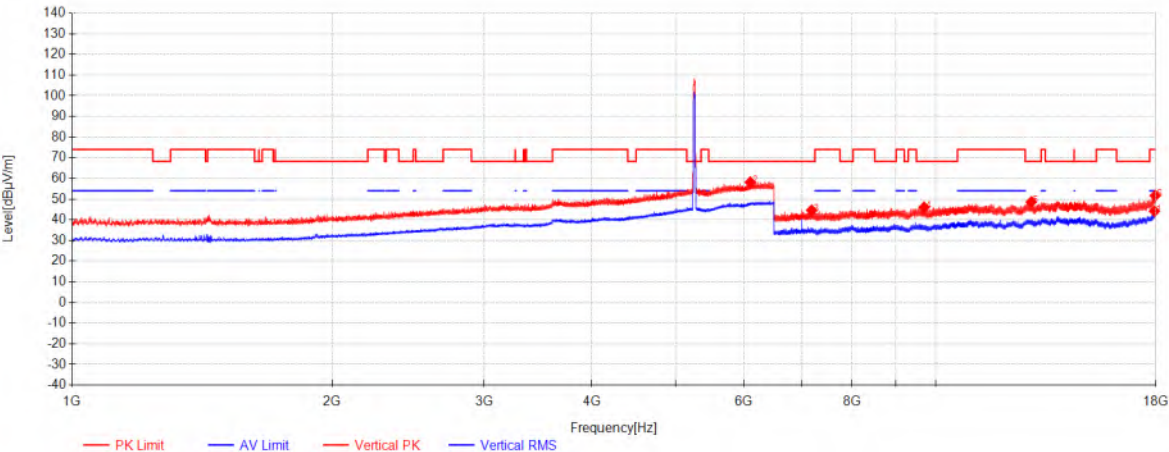
802.11a\_Channel 52



Data List

| NO. | Frequency [MHz] | Reading [dBμV] | AF [dB/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Polarity   |
|-----|-----------------|----------------|-----------|-------------|----------------|----------------|-------------|------------|
| 1   | 17967.0333      | 32.66          | 41.60     | -31.00      | 43.27          | 54.00          | 10.73       | Horizontal |
| 2   | 6239.6667       | 39.91          | 34.98     | -16.90      | 57.99          | 68.20          | 10.21       | Horizontal |
| 3   | 9437.4833       | 46.27          | 38.04     | -38.57      | 45.74          | 74.00          | 28.26       | Horizontal |
| 4   | 10991.9         | 44.07          | 39.29     | -36.01      | 47.35          | 74.00          | 26.65       | Horizontal |
| 5   | 13874.5667      | 43.10          | 40.34     | -34.14      | 49.29          | 68.20          | 18.91       | Horizontal |
| 6   | 17942.1167      | 41.56          | 41.53     | -31.05      | 52.05          | 74.00          | 21.95       | Horizontal |

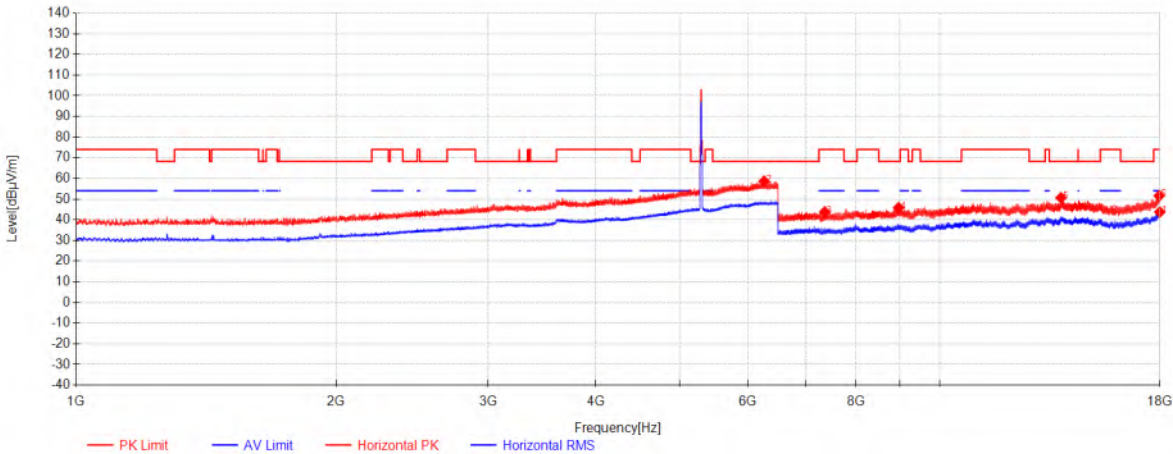
802.11a\_Channel 52



Data List

| NO. | Frequency [MHz] | Reading [dBμV] | AF [dB/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Polarity |
|-----|-----------------|----------------|-----------|-------------|----------------|----------------|-------------|----------|
| 1   | 17924.8667      | 33.78          | 41.48     | -31.08      | 44.18          | 54.00          | 9.82        | Vertical |
| 2   | 6099.875        | 40.18          | 34.70     | -16.68      | 58.20          | 68.20          | 10.00       | Vertical |
| 3   | 7185.0167       | 50.36          | 36.30     | -42.09      | 44.57          | 68.20          | 23.63       | Vertical |
| 4   | 9696.2333       | 45.68          | 38.07     | -37.67      | 46.08          | 68.20          | 22.12       | Vertical |
| 5   | 12907.4167      | 43.39          | 39.79     | -34.53      | 48.65          | 68.20          | 19.55       | Vertical |
| 6   | 17961.6667      | 41.13          | 41.59     | -31.01      | 51.71          | 74.00          | 22.29       | Vertical |

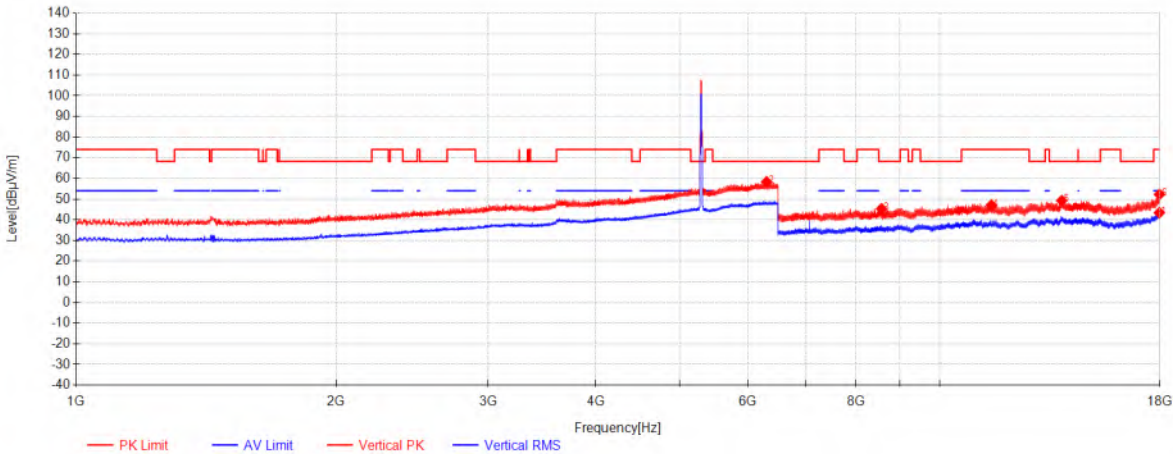
802.11a\_Channel 60



Data List

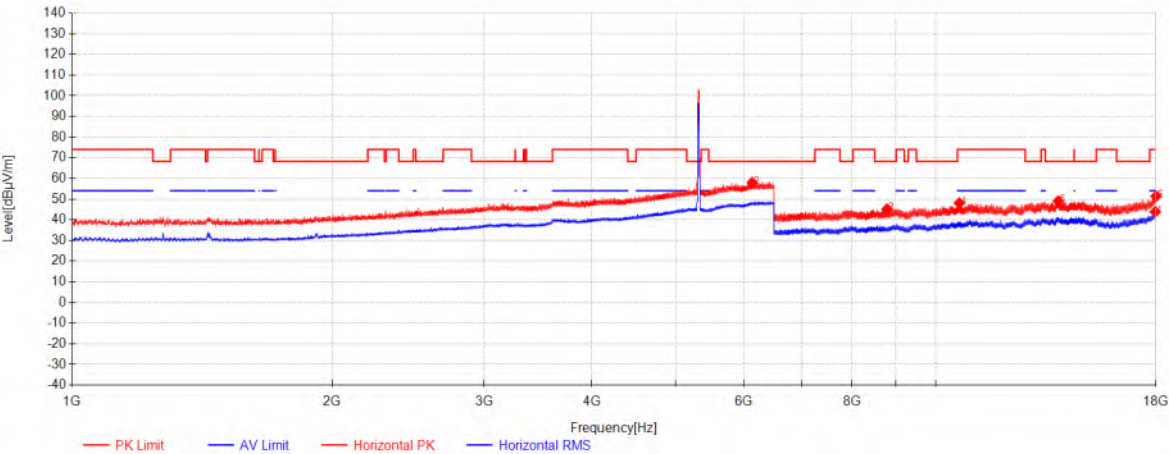
| NO. | Frequency [MHz] | Reading [dBμV] | AF [dB/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Polarity   |
|-----|-----------------|----------------|-----------|-------------|----------------|----------------|-------------|------------|
| 1   | 17988.8833      | 33.04          | 41.67     | -30.95      | 43.76          | 54.00          | 10.24       | Horizontal |
| 2   | 6261.6667       | 40.56          | 35.02     | -16.95      | 58.63          | 68.20          | 9.57        | Horizontal |
| 3   | 7361.35         | 49.57          | 36.30     | -42.07      | 43.80          | 74.00          | 30.20       | Horizontal |
| 4   | 8963.6833       | 47.20          | 37.97     | -39.39      | 45.78          | 68.20          | 22.42       | Horizontal |
| 5   | 13822.05        | 45.17          | 40.31     | -34.85      | 50.63          | 68.20          | 17.57       | Horizontal |
| 6   | 17963.9667      | 41.04          | 41.60     | -31.00      | 51.63          | 74.00          | 22.37       | Horizontal |

802.11a\_Channel 60



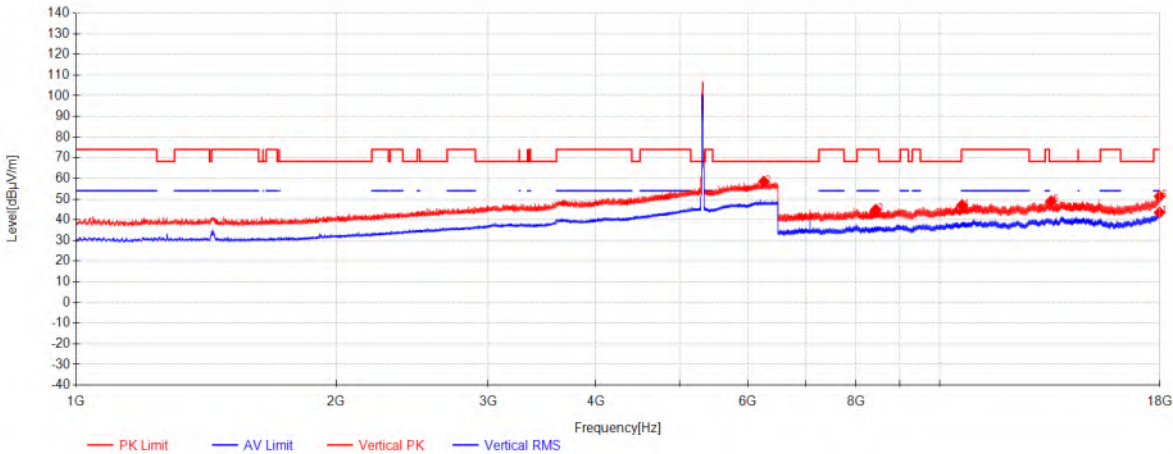
| Data List |                 |                |           |             |                |                |             |          |
|-----------|-----------------|----------------|-----------|-------------|----------------|----------------|-------------|----------|
| NO.       | Frequency [MHz] | Reading [dBμV] | AF [dB/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Polarity |
| 1         | 17967.0333      | 32.81          | 41.60     | -31.00      | 43.42          | 54.00          | 10.58       | Vertical |
| 2         | 6303.8333       | 40.24          | 35.11     | -17.02      | 58.33          | 68.20          | 9.87        | Vertical |
| 3         | 8565.0167       | 47.87          | 37.70     | -40.22      | 45.35          | 68.20          | 22.85       | Vertical |
| 4         | 11481.0333      | 43.89          | 39.01     | -35.81      | 47.09          | 74.00          | 26.91       | Vertical |
| 5         | 13849.65        | 43.41          | 40.32     | -34.48      | 49.26          | 68.20          | 18.94       | Vertical |
| 6         | 17973.1667      | 41.63          | 41.62     | -30.98      | 52.27          | 74.00          | 21.73       | Vertical |

802.11a\_Channel 64



| Data List |                 |                |           |             |                |                |             |            |
|-----------|-----------------|----------------|-----------|-------------|----------------|----------------|-------------|------------|
| NO.       | Frequency [MHz] | Reading [dBμV] | AF [dB/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Polarity   |
| 1         | 17962.8167      | 33.27          | 41.59     | -31.00      | 43.86          | 54.00          | 10.14       | Horizontal |
| 2         | 6131.9583       | 39.92          | 34.76     | -16.72      | 57.96          | 68.20          | 10.24       | Horizontal |
| 3         | 8785.05         | 47.07          | 37.85     | -39.77      | 45.15          | 68.20          | 23.05       | Horizontal |
| 4         | 10651.5         | 45.45          | 38.88     | -36.27      | 48.06          | 74.00          | 25.94       | Horizontal |
| 5         | 13867.2833      | 42.95          | 40.33     | -34.24      | 49.04          | 68.20          | 19.16       | Horizontal |
| 6         | 18000           | 40.62          | 41.70     | -30.93      | 51.39          | 74.00          | 22.61       | Horizontal |

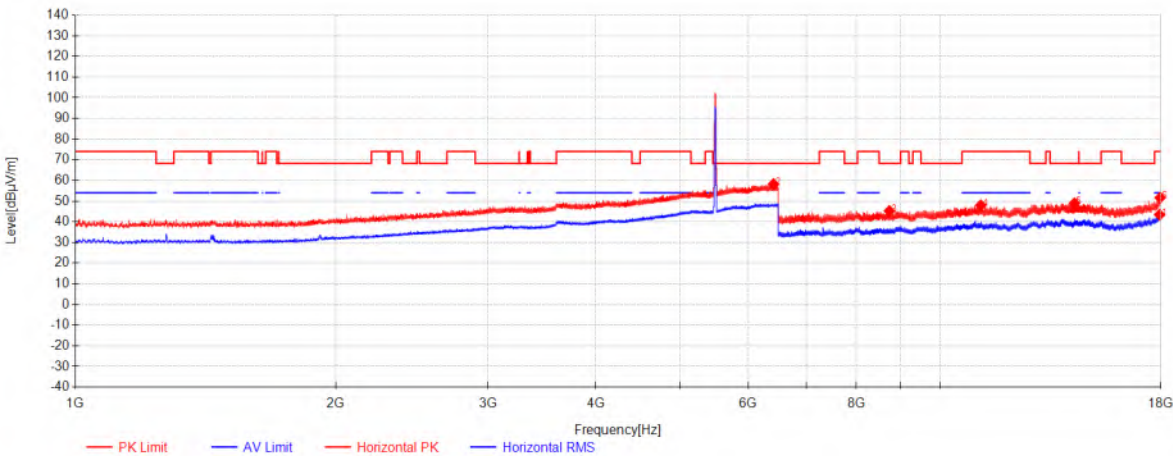
802.11a\_Channel 64



Data List

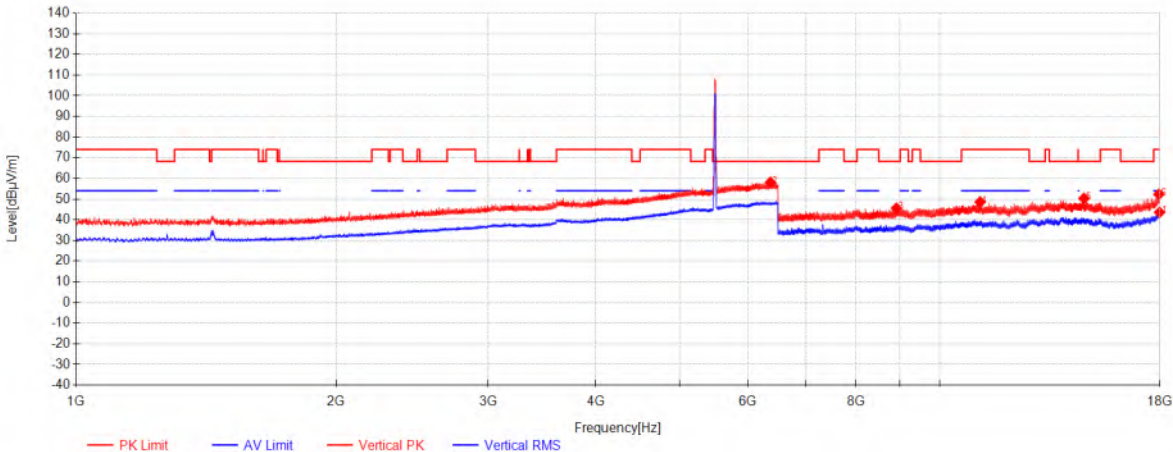
| NO. | Frequency [MHz] | Reading [dBμV] | AF [dB/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Polarity |
|-----|-----------------|----------------|-----------|-------------|----------------|----------------|-------------|----------|
| 1   | 17976.6167      | 32.86          | 41.63     | -30.98      | 43.52          | 54.00          | 10.48       | Vertical |
| 2   | 6257.5417       | 40.40          | 35.02     | -16.94      | 58.47          | 68.20          | 9.73        | Vertical |
| 3   | 8437.3667       | 47.88          | 37.61     | -40.60      | 44.89          | 74.00          | 29.11       | Vertical |
| 4   | 10616.2333      | 44.74          | 38.84     | -36.54      | 47.04          | 74.00          | 26.96       | Vertical |
| 5   | 13463.6333      | 43.78          | 40.13     | -34.90      | 49.01          | 68.20          | 19.19       | Vertical |
| 6   | 17977.7667      | 40.71          | 41.64     | -30.97      | 51.37          | 74.00          | 22.63       | Vertical |

802.11a\_Channel 100



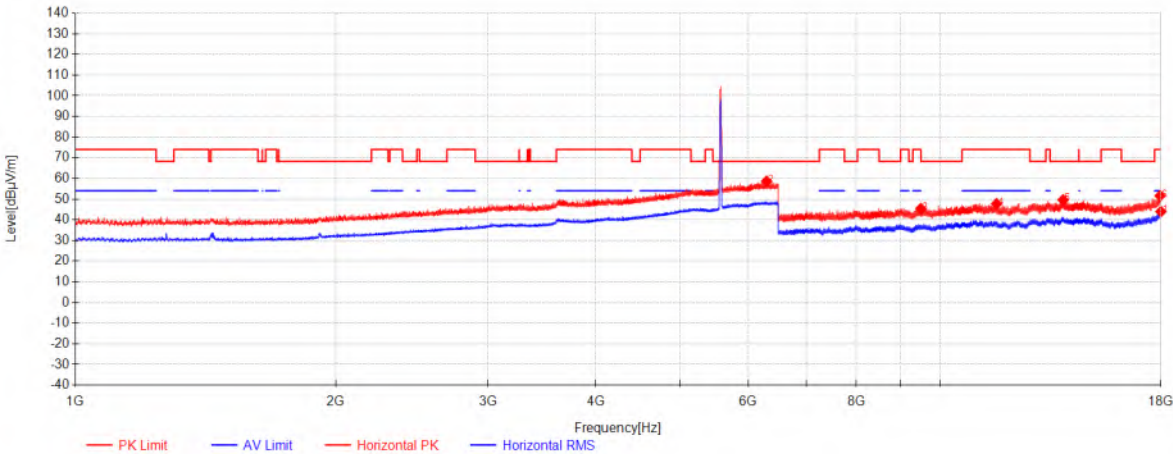
| Data List |                 |                |           |             |                |                |             |            |
|-----------|-----------------|----------------|-----------|-------------|----------------|----------------|-------------|------------|
| NO.       | Frequency [MHz] | Reading [dBμV] | AF [dB/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Polarity   |
| 1         | 17933.3         | 33.01          | 41.51     | -31.06      | 43.45          | 54.00          | 10.55       | Horizontal |
| 2         | 6416.5833       | 39.52          | 35.33     | -16.61      | 58.24          | 68.20          | 9.96        | Horizontal |
| 3         | 8736.3667       | 47.21          | 37.82     | -39.75      | 45.27          | 68.20          | 22.93       | Horizontal |
| 4         | 11140.6333      | 44.26          | 39.22     | -35.47      | 48.01          | 74.00          | 25.99       | Horizontal |
| 5         | 14297.7667      | 43.71          | 40.22     | -34.98      | 48.95          | 68.20          | 19.25       | Horizontal |
| 6         | 17963.9667      | 41.09          | 41.60     | -31.00      | 51.68          | 74.00          | 22.32       | Horizontal |

## 802.11a\_Channel 100



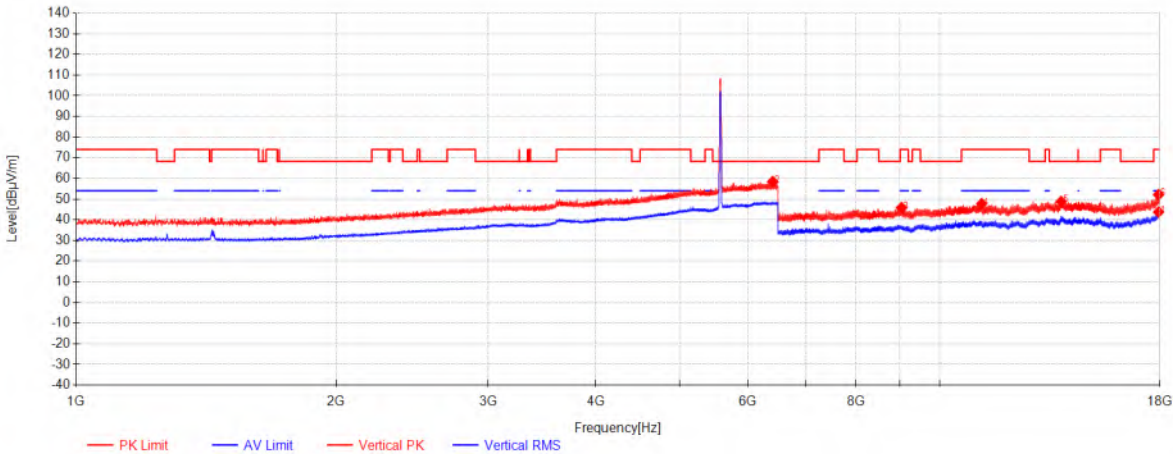
| Data List |                 |                |           |             |                |                |             |          |
|-----------|-----------------|----------------|-----------|-------------|----------------|----------------|-------------|----------|
| NO.       | Frequency [MHz] | Reading [dBμV] | AF [dB/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Polarity |
| 1         | 17976.6167      | 32.95          | 41.63     | -30.98      | 43.61          | 54.00          | 10.39       | Vertical |
| 2         | 6369.375        | 39.56          | 35.24     | -16.72      | 58.08          | 68.20          | 10.12       | Vertical |
| 3         | 8910.0167       | 47.22          | 37.94     | -39.60      | 45.56          | 68.20          | 22.64       | Vertical |
| 4         | 11139.1         | 44.86          | 39.22     | -35.48      | 48.60          | 74.00          | 25.40       | Vertical |
| 5         | 14695.6667      | 44.18          | 39.98     | -33.86      | 50.30          | 68.20          | 17.90       | Vertical |
| 6         | 17946.7167      | 41.79          | 41.55     | -31.04      | 52.30          | 74.00          | 21.70       | Vertical |

802.11a\_Channel 116



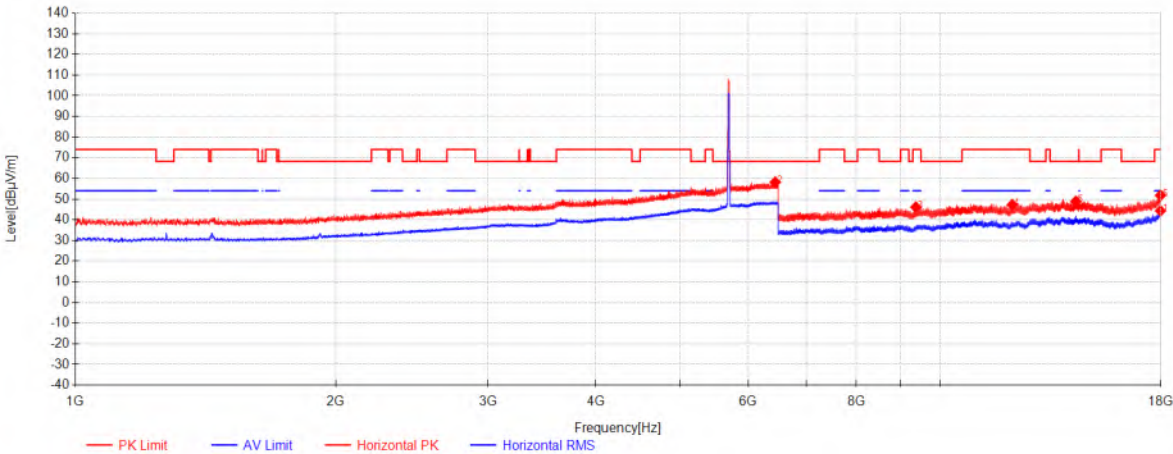
| Data List |                 |                |           |             |                |                |             |            |
|-----------|-----------------|----------------|-----------|-------------|----------------|----------------|-------------|------------|
| NO.       | Frequency [MHz] | Reading [dBμV] | AF [dB/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Polarity   |
| 1         | 17998.85        | 33.24          | 41.70     | -30.93      | 44.00          | 54.00          | 10.00       | Horizontal |
| 2         | 6300.625        | 40.59          | 35.10     | -17.04      | 58.65          | 68.20          | 9.55        | Horizontal |
| 3         | 9498.4333       | 45.84          | 38.05     | -38.49      | 45.40          | 74.00          | 28.60       | Horizontal |
| 4         | 11620.95        | 44.09          | 38.93     | -35.29      | 47.73          | 74.00          | 26.27       | Horizontal |
| 5         | 13871.8833      | 43.43          | 40.34     | -34.18      | 49.59          | 68.20          | 18.61       | Horizontal |
| 6         | 17957.45        | 41.02          | 41.58     | -31.02      | 51.58          | 74.00          | 22.42       | Horizontal |

## 802.11a\_Channel 116



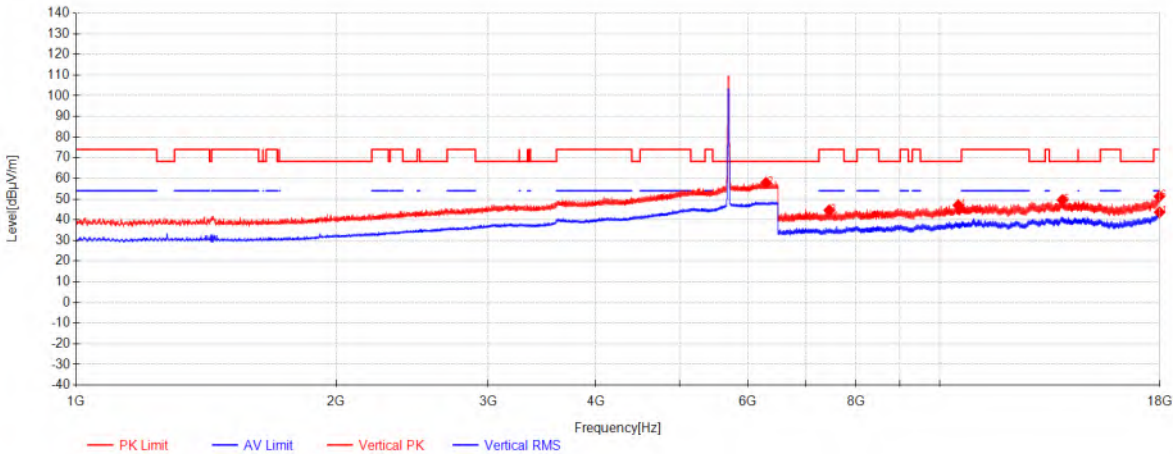
| Data List |                 |                |           |             |                |                |             |          |
|-----------|-----------------|----------------|-----------|-------------|----------------|----------------|-------------|----------|
| NO.       | Frequency [MHz] | Reading [dBμV] | AF [dB/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Polarity |
| 1         | 17928.7         | 33.35          | 41.49     | -31.07      | 43.77          | 54.00          | 10.23       | Vertical |
| 2         | 6407.4167       | 39.72          | 35.31     | -16.59      | 58.44          | 68.20          | 9.76        | Vertical |
| 3         | 9034.2167       | 47.23          | 38.00     | -39.40      | 45.83          | 74.00          | 28.17       | Vertical |
| 4         | 11187.4         | 43.72          | 39.19     | -35.15      | 47.76          | 74.00          | 26.24       | Vertical |
| 5         | 13827.8         | 43.28          | 40.31     | -34.77      | 48.82          | 68.20          | 19.38       | Vertical |
| 6         | 17928.3167      | 41.71          | 41.49     | -31.07      | 52.13          | 74.00          | 21.87       | Vertical |

802.11a\_Channel 140



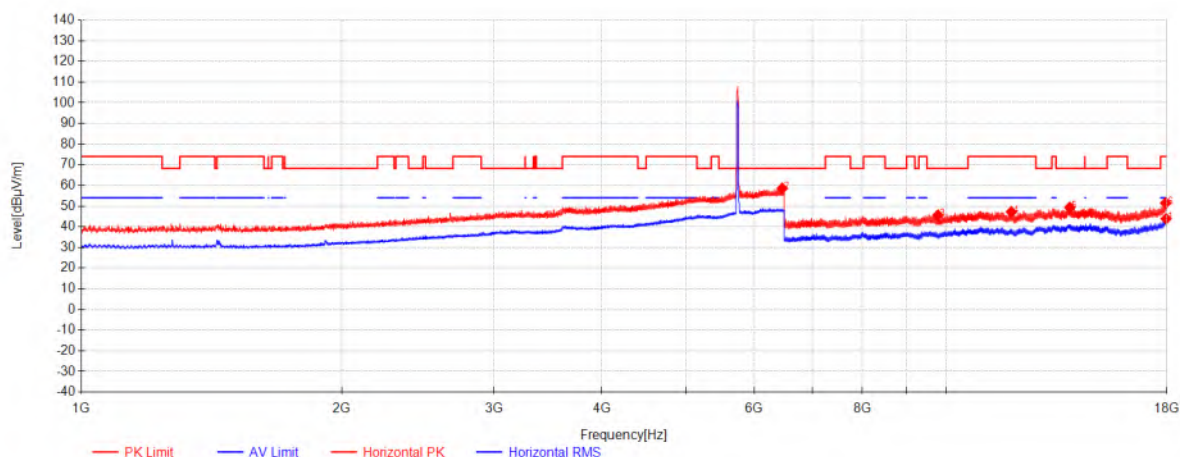
| Data List |                 |                |           |             |                |                |             |            |
|-----------|-----------------|----------------|-----------|-------------|----------------|----------------|-------------|------------|
| NO.       | Frequency [MHz] | Reading [dBμV] | AF [dB/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Polarity   |
| 1         | 17978.9167      | 33.67          | 41.64     | -30.97      | 44.34          | 54.00          | 9.66        | Horizontal |
| 2         | 6445.4583       | 39.45          | 35.39     | -16.66      | 58.18          | 68.20          | 10.02       | Horizontal |
| 3         | 9372.7          | 46.86          | 38.04     | -38.76      | 46.14          | 74.00          | 27.86       | Horizontal |
| 4         | 12115.45        | 43.44          | 38.84     | -35.02      | 47.25          | 74.00          | 26.75       | Horizontal |
| 5         | 14350.2833      | 43.04          | 40.19     | -34.36      | 48.87          | 68.20          | 19.33       | Horizontal |
| 6         | 17978.9167      | 41.13          | 41.64     | -30.97      | 51.80          | 74.00          | 22.20       | Horizontal |

802.11a\_Channel 140



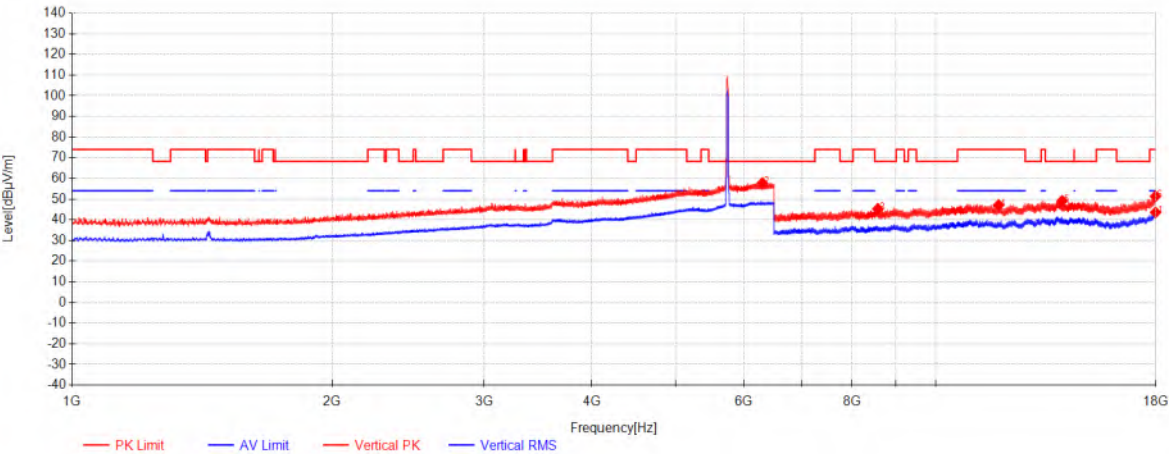
| Data List |                 |                |           |             |                |                |             |          |
|-----------|-----------------|----------------|-----------|-------------|----------------|----------------|-------------|----------|
| NO.       | Frequency [MHz] | Reading [dBμV] | AF [dB/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Polarity |
| 1         | 17976.2333      | 33.00          | 41.63     | -30.98      | 43.65          | 54.00          | 10.35       | Vertical |
| 2         | 6294.2083       | 39.84          | 35.09     | -17.03      | 57.90          | 68.20          | 10.30       | Vertical |
| 3         | 7449.9          | 50.35          | 36.30     | -42.03      | 44.62          | 74.00          | 29.38       | Vertical |
| 4         | 10510.8167      | 44.74          | 38.71     | -36.46      | 47.00          | 68.20          | 21.20       | Vertical |
| 5         | 13872.2667      | 43.38          | 40.34     | -34.17      | 49.54          | 68.20          | 18.66       | Vertical |
| 6         | 17963.5833      | 40.67          | 41.59     | -31.00      | 51.26          | 74.00          | 22.74       | Vertical |

## 802.11a\_Channel 149



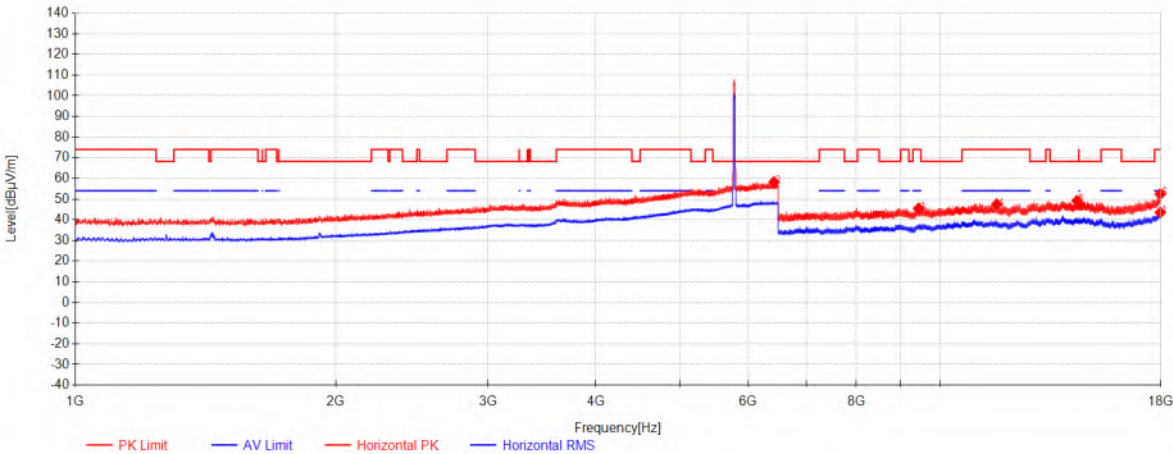
| Data List |                 |                |           |             |                |                |             |            |
|-----------|-----------------|----------------|-----------|-------------|----------------|----------------|-------------|------------|
| NO.       | Frequency [MHz] | Reading [dBμV] | AF [dB/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Polarity   |
| 1         | 17962.05        | 33.33          | 41.59     | -31.01      | 43.91          | 54.00          | 10.09       | Horizontal |
| 2         | 6463.7917       | 39.87          | 35.43     | -16.69      | 58.61          | 68.20          | 9.59        | Horizontal |
| 3         | 9783.6333       | 45.24          | 38.08     | -37.70      | 45.62          | 68.20          | 22.58       | Horizontal |
| 4         | 11895.4167      | 43.00          | 38.76     | -34.58      | 47.18          | 74.00          | 26.82       | Horizontal |
| 5         | 13896.8         | 42.81          | 40.35     | -33.84      | 49.32          | 68.20          | 18.88       | Horizontal |
| 6         | 17940.9667      | 41.00          | 41.53     | -31.05      | 51.48          | 74.00          | 22.52       | Horizontal |

802.11a\_Channel 149



| Data List |                 |                |           |             |                |                |             |          |
|-----------|-----------------|----------------|-----------|-------------|----------------|----------------|-------------|----------|
| NO.       | Frequency [MHz] | Reading [dBμV] | AF [dB/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Polarity |
| 1         | 17977.3833      | 32.95          | 41.63     | -30.98      | 43.61          | 54.00          | 10.39       | Vertical |
| 2         | 6301.0833       | 39.71          | 35.10     | -17.04      | 57.78          | 68.20          | 10.42       | Vertical |
| 3         | 8571.15         | 47.83          | 37.70     | -40.21      | 45.32          | 68.20          | 22.88       | Vertical |
| 4         | 11828.3333      | 43.84          | 38.80     | -35.50      | 47.14          | 74.00          | 26.86       | Vertical |
| 5         | 14011.8         | 44.18          | 40.39     | -35.43      | 49.14          | 68.20          | 19.06       | Vertical |
| 6         | 17971.25        | 40.71          | 41.62     | -30.99      | 51.34          | 74.00          | 22.66       | Vertical |

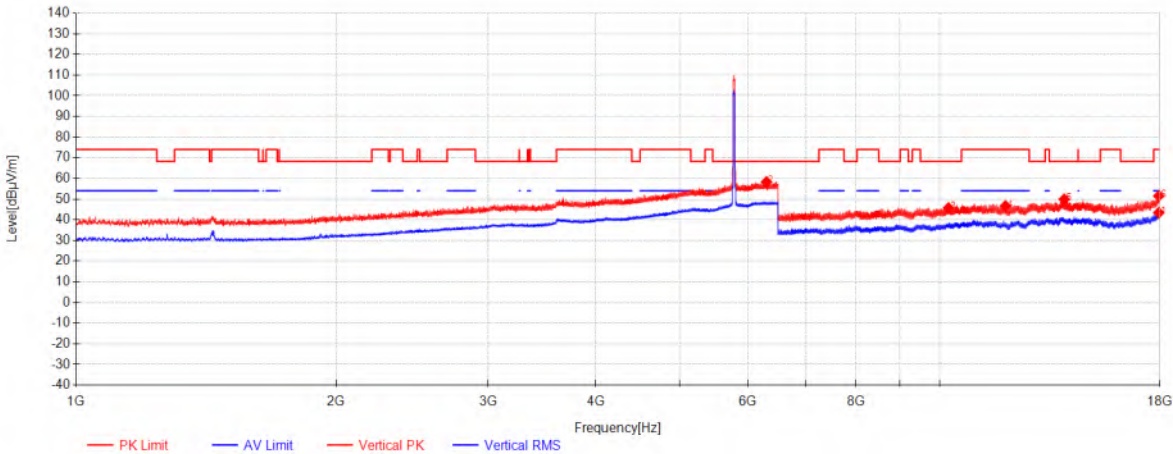
## 802.11a\_Channel 157



Data List

| NO. | Frequency [MHz] | Reading [dBμV] | AF [dB/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Polarity   |
|-----|-----------------|----------------|-----------|-------------|----------------|----------------|-------------|------------|
| 1   | 17968.95        | 32.94          | 41.61     | -30.99      | 43.56          | 54.00          | 10.44       | Horizontal |
| 2   | 6424.8333       | 39.53          | 35.35     | -16.62      | 58.26          | 68.20          | 9.94        | Horizontal |
| 3   | 9442.0833       | 46.00          | 38.04     | -38.57      | 45.48          | 74.00          | 28.52       | Horizontal |
| 4   | 11625.1667      | 43.87          | 38.92     | -35.31      | 47.49          | 74.00          | 26.51       | Horizontal |
| 5   | 14395.5167      | 42.87          | 40.16     | -33.81      | 49.22          | 68.20          | 18.98       | Horizontal |
| 6   | 17968.5667      | 41.88          | 41.61     | -30.99      | 52.50          | 74.00          | 21.50       | Horizontal |

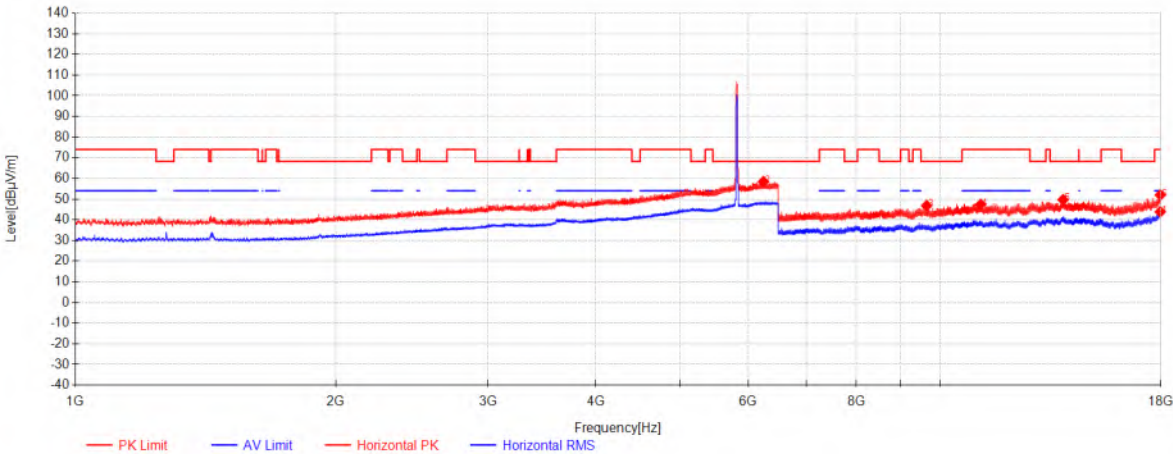
802.11a\_Channel 157



Data List

| NO. | Frequency [MHz] | Reading [dBμV] | AF [dB/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Polarity |
|-----|-----------------|----------------|-----------|-------------|----------------|----------------|-------------|----------|
| 1   | 17937.5167      | 32.98          | 41.52     | -31.05      | 43.44          | 54.00          | 10.56       | Vertical |
| 2   | 6301.5417       | 40.23          | 35.10     | -17.03      | 58.30          | 68.20          | 9.90        | Vertical |
| 3   | 10241.3333      | 44.00          | 38.39     | -36.64      | 45.75          | 68.20          | 22.45       | Vertical |
| 4   | 11921.1         | 42.70          | 38.75     | -34.79      | 46.66          | 74.00          | 27.34       | Vertical |
| 5   | 13940.5         | 44.05          | 40.37     | -34.50      | 49.92          | 68.20          | 18.28       | Vertical |
| 6   | 17937.5167      | 41.07          | 41.52     | -31.05      | 51.53          | 74.00          | 22.47       | Vertical |

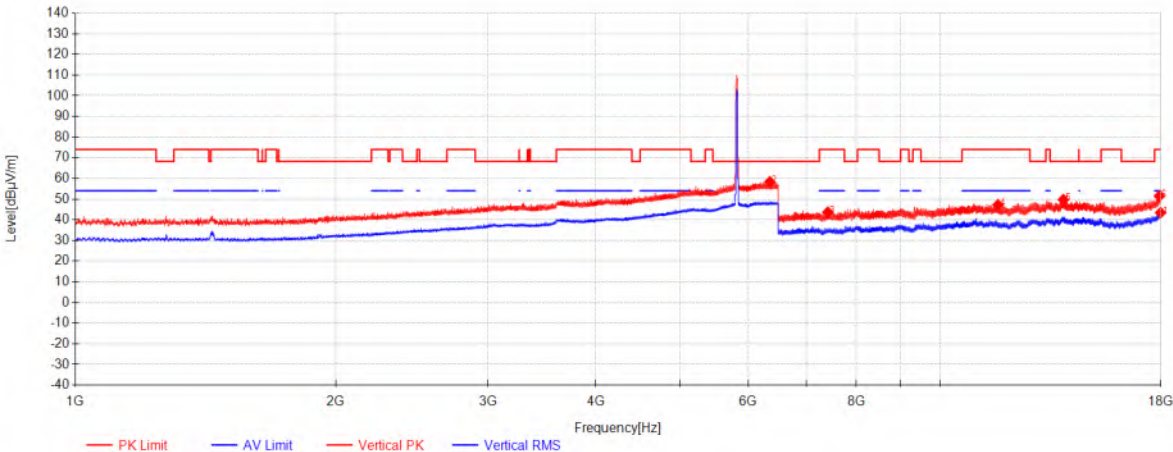
## 802.11a\_Channel 165



### Data List

| NO. | Frequency [MHz] | Reading [dBμV] | AF [dB/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Polarity   |
|-----|-----------------|----------------|-----------|-------------|----------------|----------------|-------------|------------|
| 1   | 17967.8         | 33.27          | 41.61     | -30.99      | 43.88          | 54.00          | 10.12       | Horizontal |
| 2   | 6245.625        | 40.36          | 34.99     | -16.91      | 58.44          | 68.20          | 9.76        | Horizontal |
| 3   | 9645.6333       | 46.70          | 38.06     | -37.96      | 46.80          | 68.20          | 21.40       | Horizontal |
| 4   | 11138.3333      | 43.67          | 39.22     | -35.49      | 47.40          | 74.00          | 26.60       | Horizontal |
| 5   | 13873.4167      | 43.52          | 40.34     | -34.16      | 49.70          | 68.20          | 18.50       | Horizontal |
| 6   | 17967.4167      | 41.37          | 41.61     | -31.00      | 51.98          | 74.00          | 22.02       | Horizontal |

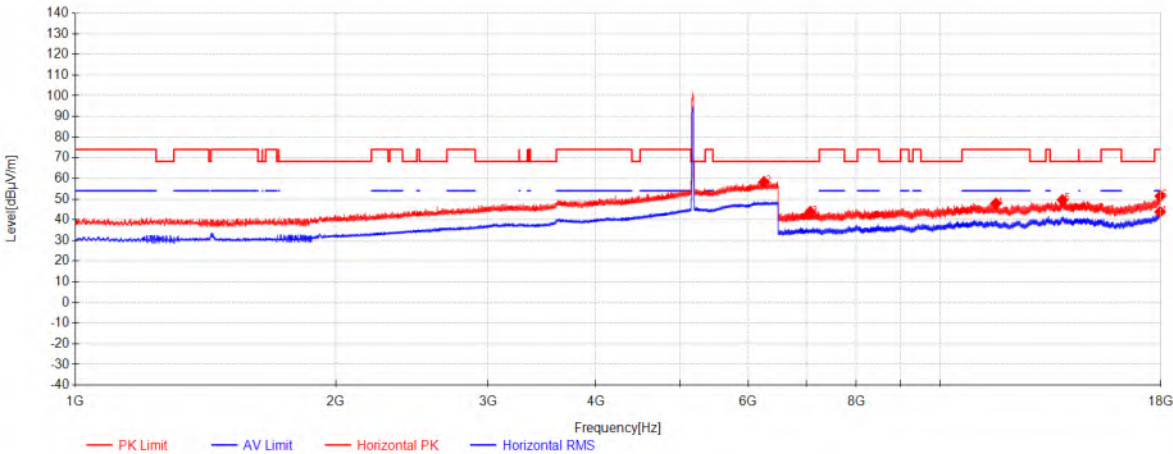
802.11a\_Channel 165



Data List

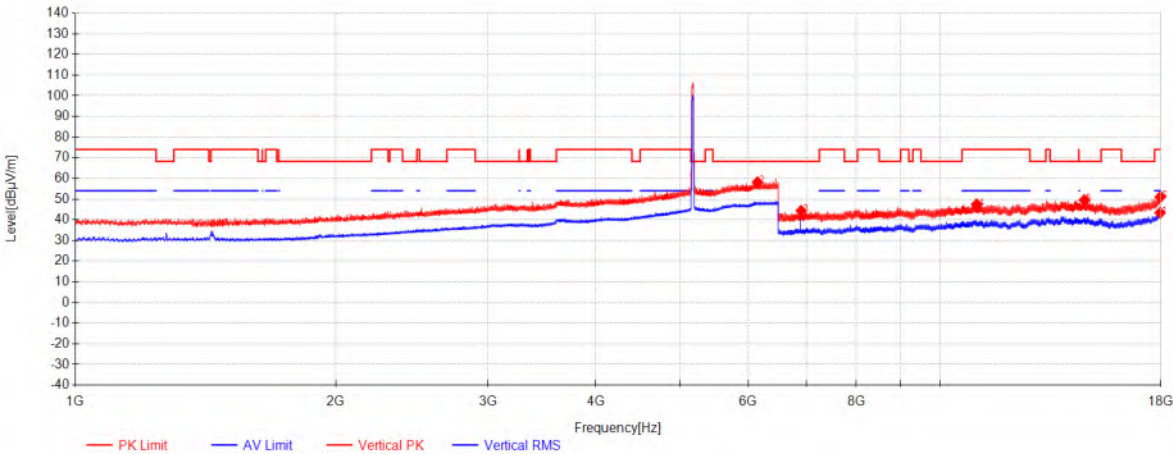
| NO. | Frequency [MHz] | Reading [dBμV] | AF [dB/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Polarity |
|-----|-----------------|----------------|-----------|-------------|----------------|----------------|-------------|----------|
| 1   | 17983.5167      | 32.78          | 41.65     | -30.96      | 43.47          | 54.00          | 10.53       | Vertical |
| 2   | 6354.25         | 39.92          | 35.21     | -16.79      | 58.34          | 68.20          | 9.86        | Vertical |
| 3   | 7415.4          | 49.36          | 36.30     | -42.03      | 43.63          | 74.00          | 30.37       | Vertical |
| 4   | 11665.4167      | 43.81          | 38.90     | -35.49      | 47.22          | 74.00          | 26.78       | Vertical |
| 5   | 13881.0833      | 43.44          | 40.34     | -34.06      | 49.73          | 68.20          | 18.47       | Vertical |
| 6   | 17926.0167      | 41.06          | 41.49     | -31.08      | 51.47          | 74.00          | 22.53       | Vertical |

802.11ac20\_Channel 36



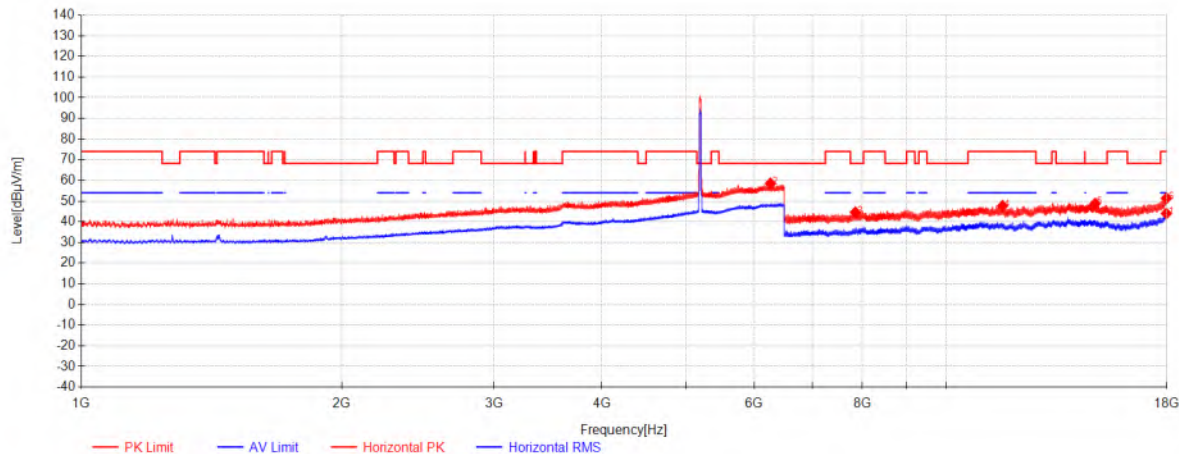
| Data List |                 |                |           |             |                |                |             |            |
|-----------|-----------------|----------------|-----------|-------------|----------------|----------------|-------------|------------|
| NO.       | Frequency [MHz] | Reading [dBμV] | AF [dB/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Polarity   |
| 1         | 17960.5167      | 33.24          | 41.59     | -31.01      | 43.82          | 54.00          | 10.18       | Horizontal |
| 2         | 6255.25         | 40.25          | 35.01     | -16.94      | 58.32          | 68.20          | 9.88        | Horizontal |
| 3         | 7076.5333       | 50.11          | 36.30     | -42.52      | 43.89          | 68.20          | 24.31       | Horizontal |
| 4         | 11600.6333      | 44.17          | 38.94     | -35.19      | 47.92          | 74.00          | 26.08       | Horizontal |
| 5         | 13845.05        | 43.81          | 40.32     | -34.54      | 49.59          | 68.20          | 18.61       | Horizontal |
| 6         | 17962.8167      | 40.85          | 41.59     | -31.00      | 51.44          | 74.00          | 22.56       | Horizontal |

802.11ac20\_Channel 36



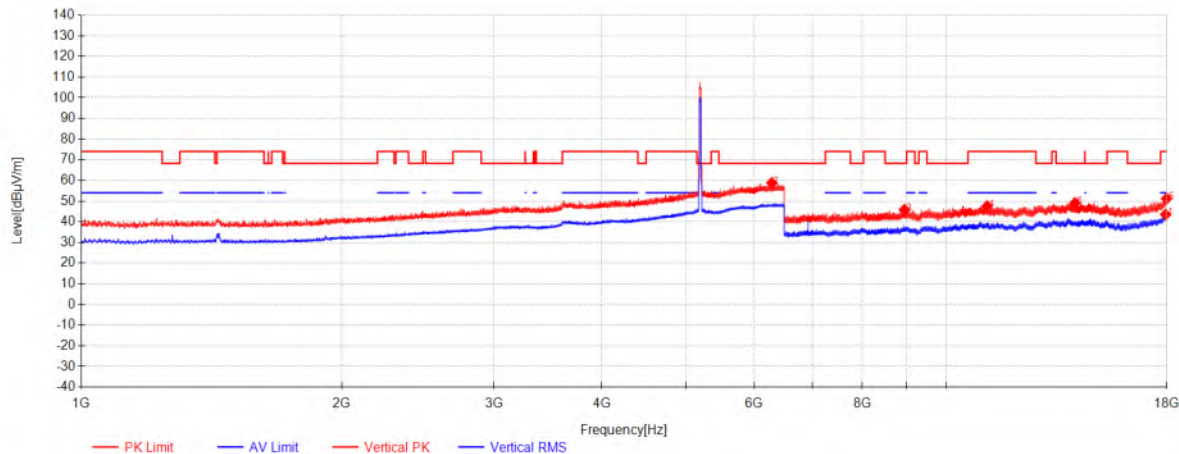
| Data List |                 |                |           |             |                |                |             |          |
|-----------|-----------------|----------------|-----------|-------------|----------------|----------------|-------------|----------|
| NO.       | Frequency [MHz] | Reading [dBμV] | AF [dB/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Polarity |
| 1         | 17959.3667      | 32.81          | 41.58     | -31.01      | 43.38          | 54.00          | 10.62       | Vertical |
| 2         | 6148            | 40.13          | 34.80     | -16.74      | 58.18          | 68.20          | 10.02       | Vertical |
| 3         | 6906.7167       | 50.87          | 36.15     | -42.63      | 44.39          | 68.20          | 23.81       | Vertical |
| 4         | 11021.0333      | 44.14          | 39.29     | -35.94      | 47.49          | 74.00          | 26.51       | Vertical |
| 5         | 14676.8833      | 43.54          | 39.99     | -34.00      | 49.54          | 68.20          | 18.66       | Vertical |
| 6         | 17969.7167      | 40.43          | 41.61     | -30.99      | 51.05          | 74.00          | 22.95       | Vertical |

## 802.11ac20\_Channel 40



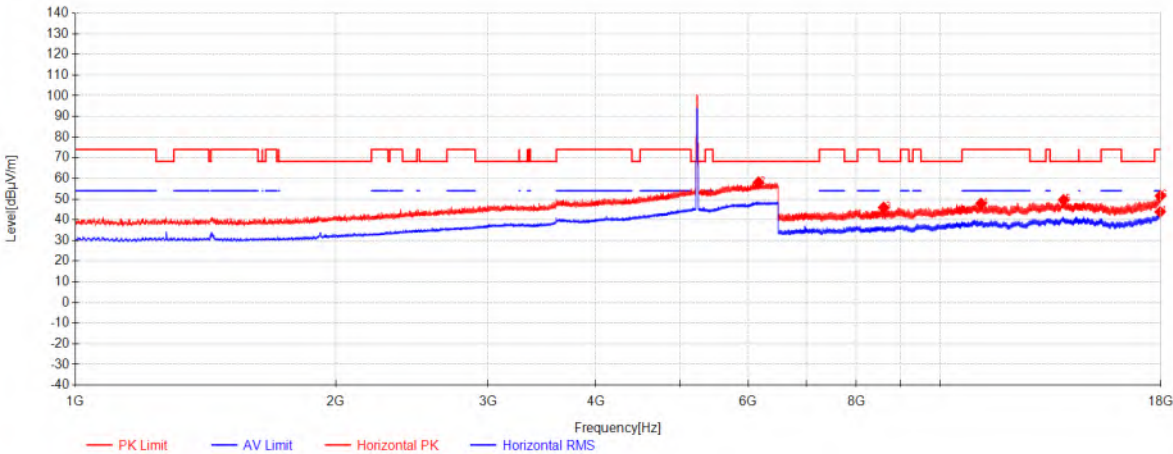
| Data List |                 |                |           |             |                |                |             |            |
|-----------|-----------------|----------------|-----------|-------------|----------------|----------------|-------------|------------|
| NO.       | Frequency [MHz] | Reading [dBμV] | AF [dB/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Polarity   |
| 1         | 17974.3167      | 33.40          | 41.63     | -30.98      | 44.04          | 54.00          | 9.96        | Horizontal |
| 2         | 6262.125        | 40.49          | 35.02     | -16.95      | 58.56          | 68.20          | 9.64        | Horizontal |
| 3         | 7852.7833       | 48.87          | 37.01     | -41.27      | 44.60          | 68.20          | 23.60       | Horizontal |
| 4         | 11619.0333      | 44.03          | 38.93     | -35.28      | 47.68          | 74.00          | 26.32       | Horizontal |
| 5         | 14866.6333      | 42.62          | 39.88     | -33.70      | 48.80          | 68.20          | 19.40       | Horizontal |
| 6         | 17972.4         | 40.75          | 41.62     | -30.99      | 51.38          | 74.00          | 22.62       | Horizontal |

## 802.11ac20\_Channel 40



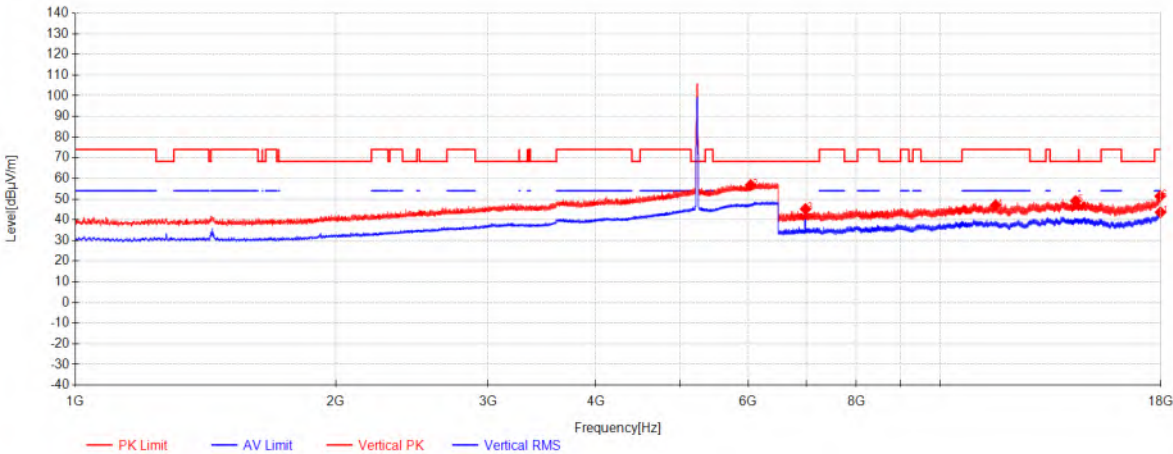
| Data List |                 |                |           |             |                |                |             |          |
|-----------|-----------------|----------------|-----------|-------------|----------------|----------------|-------------|----------|
| NO.       | Frequency [MHz] | Reading [dBμV] | AF [dB/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Polarity |
| 1         | 17937.9         | 33.06          | 41.52     | -31.05      | 43.53          | 54.00          | 10.47       | Vertical |
| 2         | 6286.4167       | 40.80          | 35.07     | -17.01      | 58.86          | 68.20          | 9.34        | Vertical |
| 3         | 8948.7333       | 47.33          | 37.96     | -39.45      | 45.84          | 68.20          | 22.36       | Vertical |
| 4         | 11154.05        | 43.78          | 39.21     | -35.38      | 47.61          | 74.00          | 26.39       | Vertical |
| 5         | 14090.7667      | 43.57          | 40.35     | -34.81      | 49.10          | 68.20          | 19.10       | Vertical |
| 6         | 17981.9833      | 40.54          | 41.65     | -30.97      | 51.22          | 74.00          | 22.78       | Vertical |

802.11ac20\_Channel 48



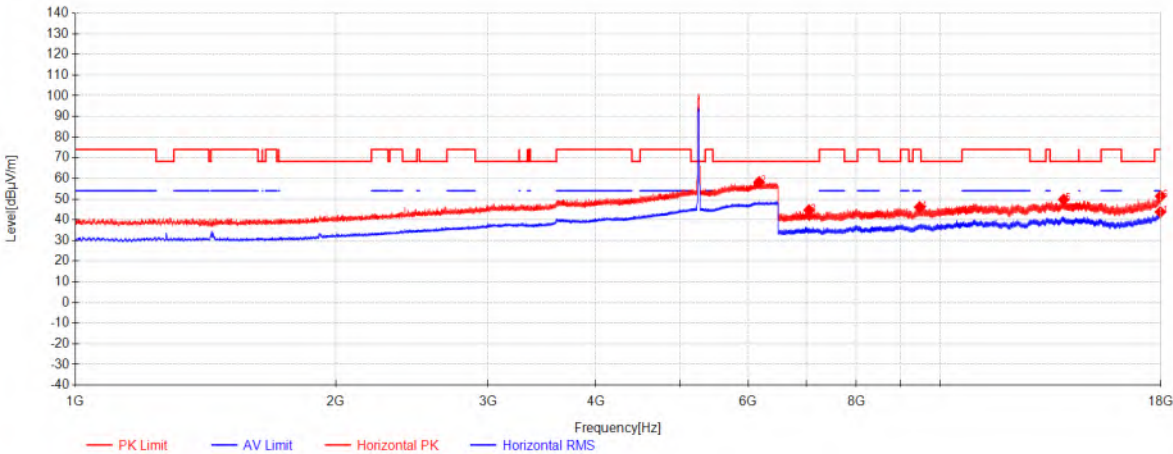
| Data List |                 |                |           |             |                |                |             |            |
|-----------|-----------------|----------------|-----------|-------------|----------------|----------------|-------------|------------|
| NO.       | Frequency [MHz] | Reading [dBμV] | AF [dB/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Polarity   |
| 1         | 17964.7333      | 33.24          | 41.60     | -31.00      | 43.84          | 54.00          | 10.16       | Horizontal |
| 2         | 6164.5          | 40.04          | 34.83     | -16.76      | 58.11          | 68.20          | 10.09       | Horizontal |
| 3         | 8601.4333       | 48.38          | 37.72     | -40.17      | 45.93          | 68.20          | 22.27       | Horizontal |
| 4         | 11149.45        | 44.07          | 39.21     | -35.41      | 47.87          | 74.00          | 26.13       | Horizontal |
| 5         | 13888.75        | 43.19          | 40.34     | -33.95      | 49.58          | 68.20          | 18.62       | Horizontal |
| 6         | 17970.8667      | 40.93          | 41.62     | -30.99      | 51.56          | 74.00          | 22.44       | Horizontal |

802.11ac20\_Channel 48



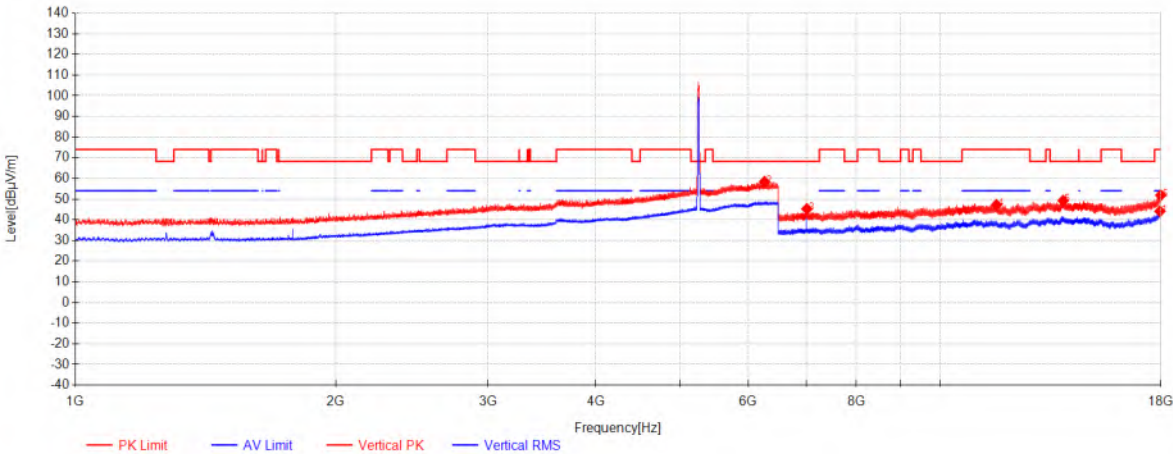
| Data List |                 |                |           |             |                |                |             |          |
|-----------|-----------------|----------------|-----------|-------------|----------------|----------------|-------------|----------|
| NO.       | Frequency [MHz] | Reading [dBμV] | AF [dB/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Polarity |
| 1         | 17978.9167      | 32.98          | 41.64     | -30.97      | 43.65          | 54.00          | 10.35       | Vertical |
| 2         | 6036.625        | 39.19          | 34.57     | -16.96      | 56.80          | 68.20          | 11.40       | Vertical |
| 3         | 6986.45         | 51.54          | 36.28     | -42.63      | 45.19          | 68.20          | 23.01       | Vertical |
| 4         | 11589.9         | 43.38          | 38.95     | -35.26      | 47.07          | 74.00          | 26.93       | Vertical |
| 5         | 14342.2333      | 43.35          | 40.19     | -34.46      | 49.09          | 68.20          | 19.11       | Vertical |
| 6         | 17959.75        | 40.82          | 41.58     | -31.01      | 51.39          | 74.00          | 22.61       | Vertical |

802.11ac20\_Channel 52



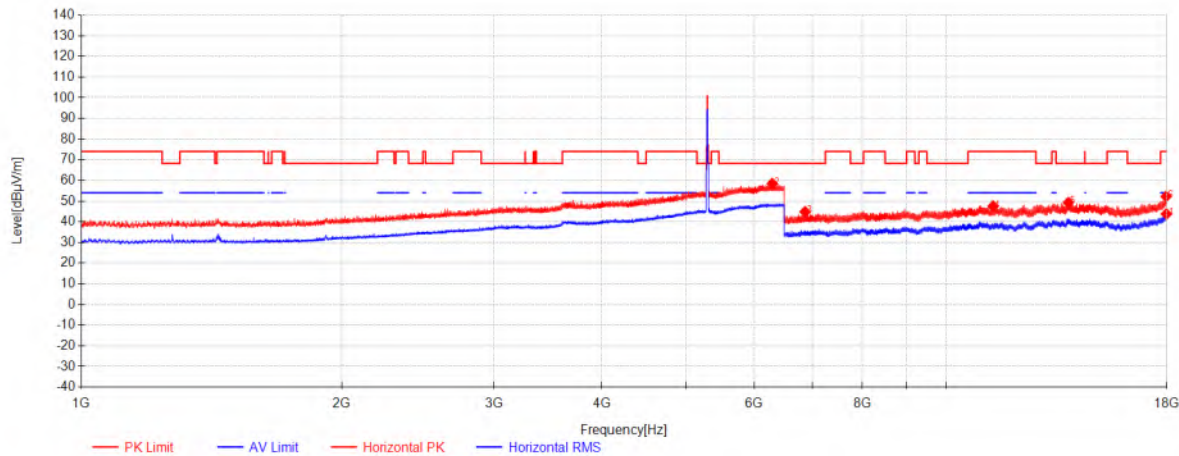
| Data List |                 |                |           |             |                |                |             |            |
|-----------|-----------------|----------------|-----------|-------------|----------------|----------------|-------------|------------|
| NO.       | Frequency [MHz] | Reading [dBμV] | AF [dB/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Polarity   |
| 1         | 17974.3167      | 33.16          | 41.63     | -30.98      | 43.80          | 54.00          | 10.20       | Horizontal |
| 2         | 6174.5833       | 40.20          | 34.85     | -16.78      | 58.27          | 68.20          | 9.93        | Horizontal |
| 3         | 7052.3833       | 50.92          | 36.30     | -42.55      | 44.67          | 68.20          | 23.53       | Horizontal |
| 4         | 9468.9167       | 46.63          | 38.05     | -38.53      | 46.15          | 74.00          | 27.85       | Horizontal |
| 5         | 13890.6667      | 43.33          | 40.35     | -33.93      | 49.75          | 68.20          | 18.45       | Horizontal |
| 6         | 17981.9833      | 40.72          | 41.65     | -30.97      | 51.40          | 74.00          | 22.60       | Horizontal |

802.11ac20\_Channel 52



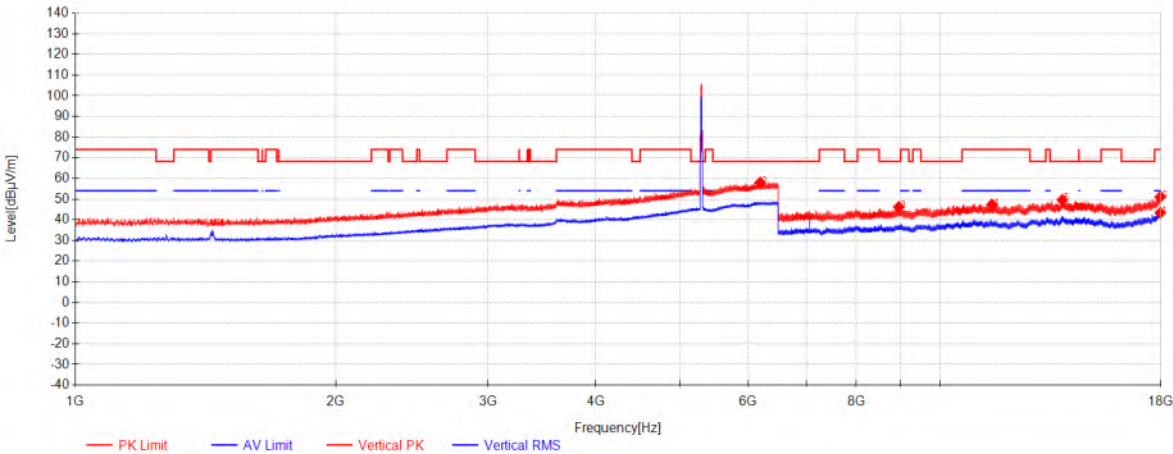
| Data List |                 |                |           |             |                |                |             |          |
|-----------|-----------------|----------------|-----------|-------------|----------------|----------------|-------------|----------|
| NO.       | Frequency [MHz] | Reading [dBμV] | AF [dB/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Polarity |
| 1         | 17952.4667      | 33.59          | 41.56     | -31.03      | 44.13          | 54.00          | 9.87        | Vertical |
| 2         | 6265.7917       | 40.34          | 35.03     | -16.96      | 58.41          | 68.20          | 9.79        | Vertical |
| 3         | 7013.2833       | 51.59          | 36.30     | -42.61      | 45.28          | 68.20          | 22.92       | Vertical |
| 4         | 11617.1167      | 43.57          | 38.93     | -35.27      | 47.23          | 74.00          | 26.77       | Vertical |
| 5         | 13874.1833      | 43.09          | 40.34     | -34.15      | 49.28          | 68.20          | 18.92       | Vertical |
| 6         | 17992.7167      | 41.13          | 41.68     | -30.94      | 51.86          | 74.00          | 22.14       | Vertical |

## 802.11ac20\_Channel 60



| Data List |                 |                |           |             |                |                |             |            |
|-----------|-----------------|----------------|-----------|-------------|----------------|----------------|-------------|------------|
| NO.       | Frequency [MHz] | Reading [dBμV] | AF [dB/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Polarity   |
| 1         | 17973.55        | 33.17          | 41.62     | -30.98      | 43.81          | 54.00          | 10.19       | Horizontal |
| 2         | 6293.75         | 40.41          | 35.09     | -17.03      | 58.47          | 68.20          | 9.73        | Horizontal |
| 3         | 6868            | 51.45          | 36.09     | -42.70      | 44.84          | 68.20          | 23.36       | Horizontal |
| 4         | 11330.7667      | 44.34          | 39.10     | -35.89      | 47.55          | 74.00          | 26.45       | Horizontal |
| 5         | 13843.5167      | 43.53          | 40.32     | -34.56      | 49.29          | 68.20          | 18.91       | Horizontal |
| 6         | 17960.9         | 41.65          | 41.59     | -31.01      | 52.23          | 74.00          | 21.77       | Horizontal |

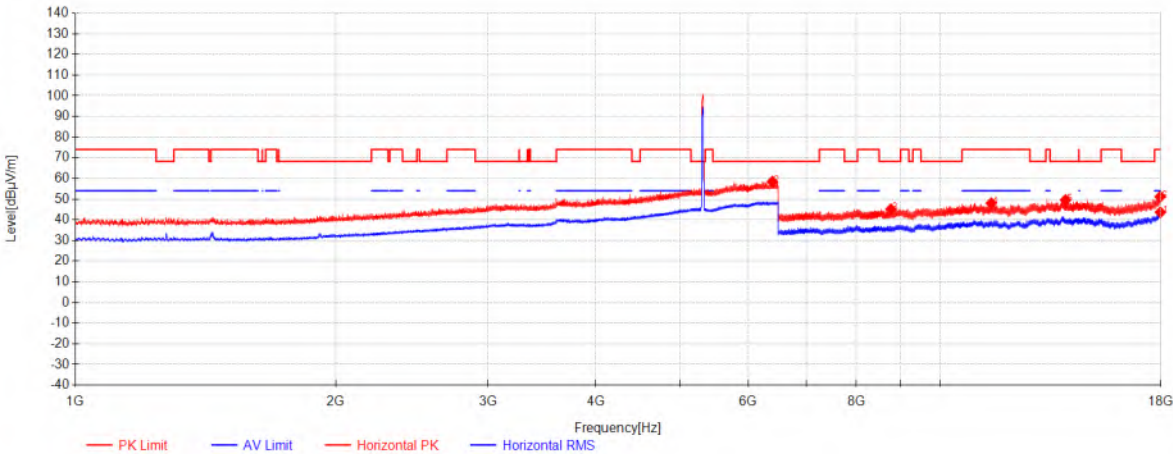
802.11ac20\_Channel 60



Data List

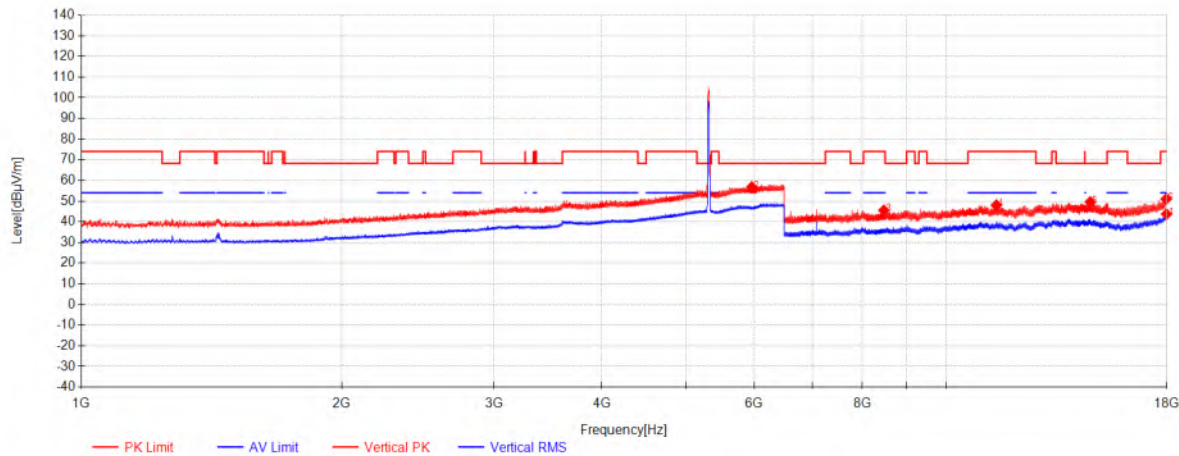
| NO. | Frequency [MHz] | Reading [dBμV] | AF [dB/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Polarity |
|-----|-----------------|----------------|-----------|-------------|----------------|----------------|-------------|----------|
| 1   | 17967.4167      | 32.79          | 41.61     | -31.00      | 43.40          | 54.00          | 10.60       | Vertical |
| 2   | 6192            | 39.91          | 34.88     | -16.80      | 57.99          | 68.20          | 10.21       | Vertical |
| 3   | 8957.1667       | 47.65          | 37.97     | -39.42      | 46.20          | 68.20          | 22.00       | Vertical |
| 4   | 11476.4333      | 44.13          | 39.01     | -35.80      | 47.34          | 74.00          | 26.66       | Vertical |
| 5   | 13841.6         | 43.89          | 40.32     | -34.59      | 49.62          | 68.20          | 18.58       | Vertical |
| 6   | 17967.0333      | 40.41          | 41.60     | -31.00      | 51.02          | 74.00          | 22.98       | Vertical |

802.11ac20\_Channel 64



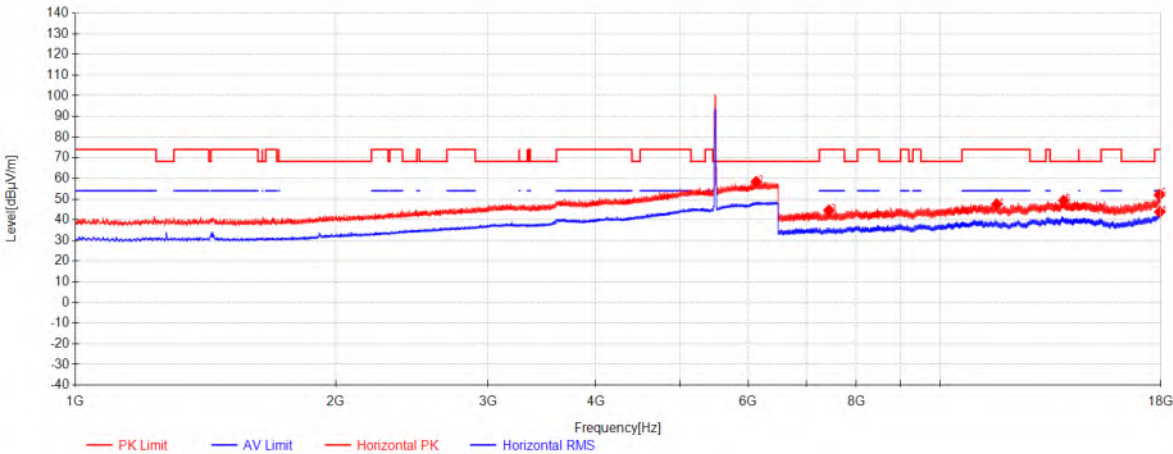
| Data List |                 |                |           |             |                |                |             |            |
|-----------|-----------------|----------------|-----------|-------------|----------------|----------------|-------------|------------|
| NO.       | Frequency [MHz] | Reading [dBμV] | AF [dB/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Polarity   |
| 1         | 17975.4667      | 33.02          | 41.63     | -30.98      | 43.67          | 54.00          | 10.33       | Horizontal |
| 2         | 6397.3333       | 39.82          | 35.29     | -16.59      | 58.52          | 68.20          | 9.68        | Horizontal |
| 3         | 8769.7167       | 47.06          | 37.84     | -39.76      | 45.14          | 68.20          | 23.06       | Horizontal |
| 4         | 11458.0333      | 44.75          | 39.03     | -35.76      | 48.02          | 74.00          | 25.98       | Horizontal |
| 5         | 13963.1167      | 44.08          | 40.38     | -34.89      | 49.58          | 68.20          | 18.62       | Horizontal |
| 6         | 17961.2833      | 40.57          | 41.59     | -31.01      | 51.15          | 74.00          | 22.85       | Horizontal |

## 802.11ac20\_Channel 64



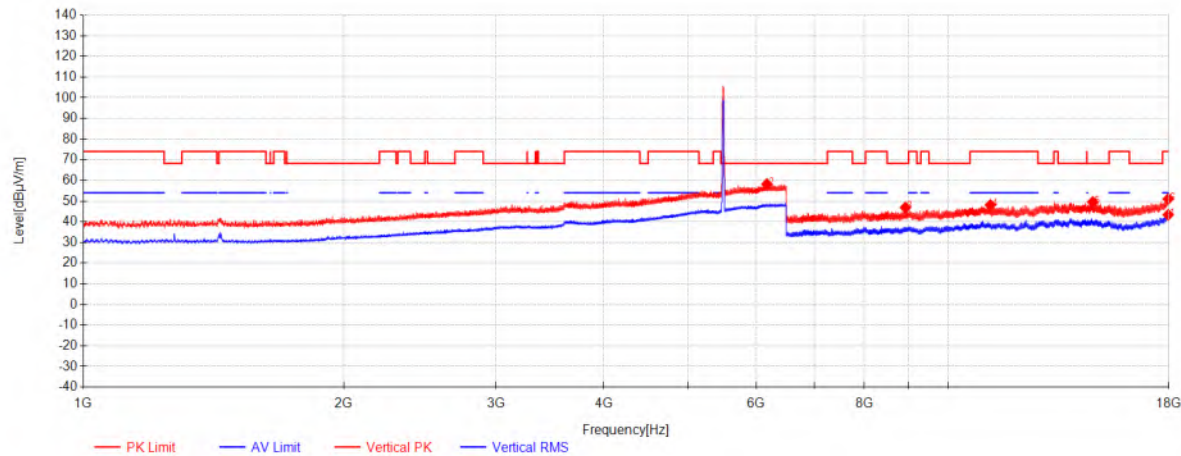
| Data List |                 |                |           |             |                |                |             |          |
|-----------|-----------------|----------------|-----------|-------------|----------------|----------------|-------------|----------|
| NO.       | Frequency [MHz] | Reading [dBμV] | AF [dB/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Polarity |
| 1         | 17978.9167      | 33.06          | 41.64     | -30.97      | 43.73          | 54.00          | 10.27       | Vertical |
| 2         | 5961.4583       | 39.43          | 34.38     | -17.00      | 56.81          | 68.20          | 11.39       | Vertical |
| 3         | 8471.4833       | 48.33          | 37.63     | -40.43      | 45.53          | 74.00          | 28.47       | Vertical |
| 4         | 11430.05        | 44.63          | 39.04     | -35.69      | 47.99          | 74.00          | 26.01       | Vertical |
| 5         | 14674.5833      | 43.56          | 40.00     | -34.01      | 49.54          | 68.20          | 18.66       | Vertical |
| 6         | 17966.65        | 40.43          | 41.60     | -31.00      | 51.04          | 74.00          | 22.96       | Vertical |

802.11ac20\_Channel 100



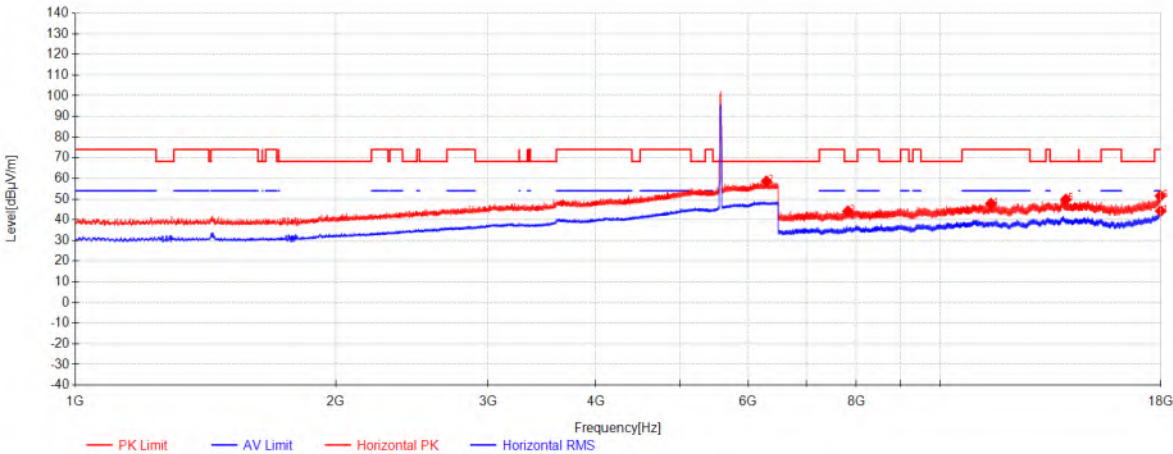
| Data List |                 |                |           |             |                |                |             |            |
|-----------|-----------------|----------------|-----------|-------------|----------------|----------------|-------------|------------|
| NO.       | Frequency [MHz] | Reading [dBμV] | AF [dB/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Polarity   |
| 1         | 17943.2667      | 33.34          | 41.54     | -31.04      | 43.83          | 54.00          | 10.17       | Horizontal |
| 2         | 6127.375        | 40.30          | 34.75     | -16.72      | 58.34          | 68.20          | 9.86        | Horizontal |
| 3         | 7437.6333       | 50.30          | 36.30     | -42.03      | 44.57          | 74.00          | 29.43       | Horizontal |
| 4         | 11621.3333      | 43.89          | 38.93     | -35.29      | 47.53          | 74.00          | 26.47       | Horizontal |
| 5         | 13891.4333      | 42.83          | 40.35     | -33.92      | 49.26          | 68.20          | 18.94       | Horizontal |
| 6         | 17926.0167      | 41.63          | 41.49     | -31.08      | 52.04          | 74.00          | 21.96       | Horizontal |

802.11ac20\_Channel 100



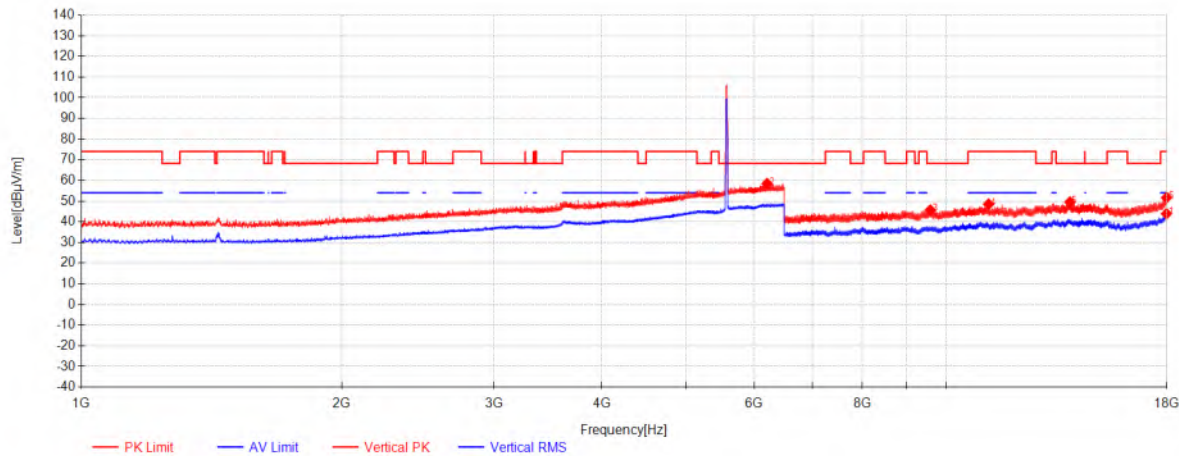
| Data List |                 |                |           |             |                |                |             |          |
|-----------|-----------------|----------------|-----------|-------------|----------------|----------------|-------------|----------|
| NO.       | Frequency [MHz] | Reading [dBμV] | AF [dB/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Polarity |
| 1         | 17965.5         | 32.80          | 41.60     | -31.00      | 43.40          | 54.00          | 10.60       | Vertical |
| 2         | 6171.375        | 40.15          | 34.84     | -16.77      | 58.22          | 68.20          | 9.98        | Vertical |
| 3         | 8923.05         | 48.48          | 37.95     | -39.55      | 46.88          | 68.20          | 21.32       | Vertical |
| 4         | 11191.6167      | 44.06          | 39.19     | -35.12      | 48.13          | 74.00          | 25.87       | Vertical |
| 5         | 14695.6667      | 43.42          | 39.98     | -33.86      | 49.54          | 68.20          | 18.66       | Vertical |
| 6         | 17965.1167      | 40.46          | 41.60     | -31.00      | 51.06          | 74.00          | 22.94       | Vertical |

802.11ac20\_Channel 116



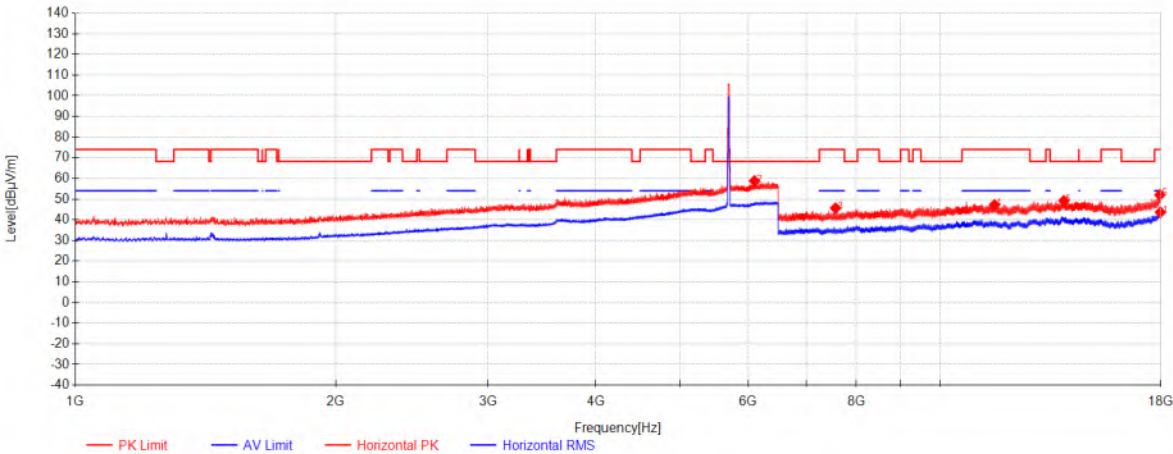
| Data List |                 |                |           |             |                |                |             |            |
|-----------|-----------------|----------------|-----------|-------------|----------------|----------------|-------------|------------|
| NO.       | Frequency [MHz] | Reading [dBμV] | AF [dB/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Polarity   |
| 1         | 17988.8833      | 33.55          | 41.67     | -30.95      | 44.27          | 54.00          | 9.73        | Horizontal |
| 2         | 6297.4167       | 40.56          | 35.09     | -17.03      | 58.62          | 68.20          | 9.58        | Horizontal |
| 3         | 7822.5          | 48.29          | 36.94     | -41.13      | 44.11          | 68.20          | 24.09       | Horizontal |
| 4         | 11442.3167      | 44.43          | 39.03     | -35.72      | 47.75          | 74.00          | 26.25       | Horizontal |
| 5         | 13975           | 44.50          | 40.39     | -35.09      | 49.80          | 68.20          | 18.40       | Horizontal |
| 6         | 17975.0833      | 40.91          | 41.63     | -30.98      | 51.56          | 74.00          | 22.44       | Horizontal |

## 802.11ac20\_Channel 116



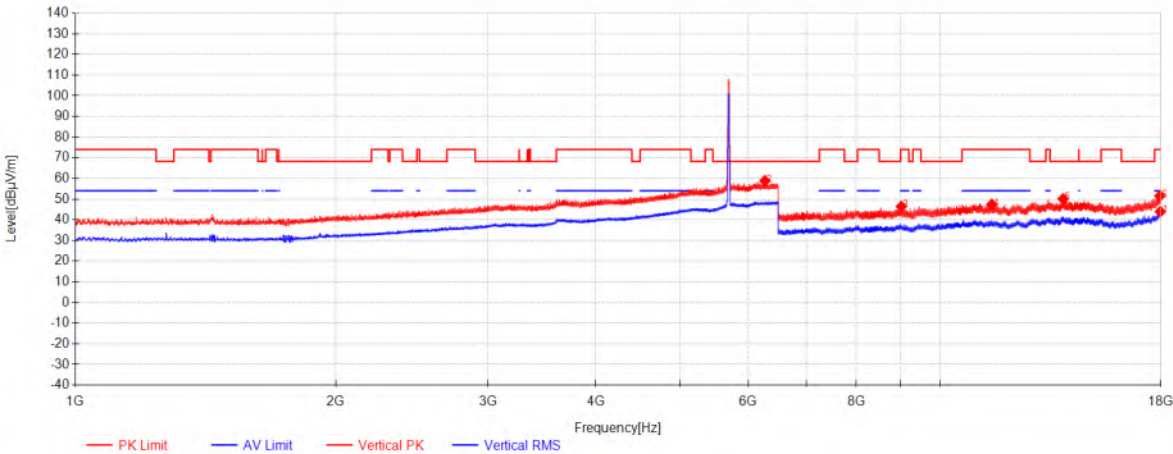
| Data List |                 |                |           |             |                |                |             |          |
|-----------|-----------------|----------------|-----------|-------------|----------------|----------------|-------------|----------|
| NO.       | Frequency [MHz] | Reading [dBμV] | AF [dB/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Polarity |
| 1         | 17977.3833      | 33.26          | 41.63     | -30.98      | 43.92          | 54.00          | 10.08       | Vertical |
| 2         | 6206.6667       | 40.35          | 34.91     | -16.83      | 58.44          | 68.20          | 9.76        | Vertical |
| 3         | 9588.1333       | 45.84          | 38.06     | -38.25      | 45.65          | 68.20          | 22.55       | Vertical |
| 4         | 11197.3667      | 44.41          | 39.18     | -35.08      | 48.51          | 74.00          | 25.49       | Vertical |
| 5         | 13902.1667      | 42.98          | 40.35     | -33.84      | 49.49          | 68.20          | 18.71       | Vertical |
| 6         | 17982.75        | 41.00          | 41.65     | -30.96      | 51.69          | 74.00          | 22.31       | Vertical |

802.11ac20\_Channel 140



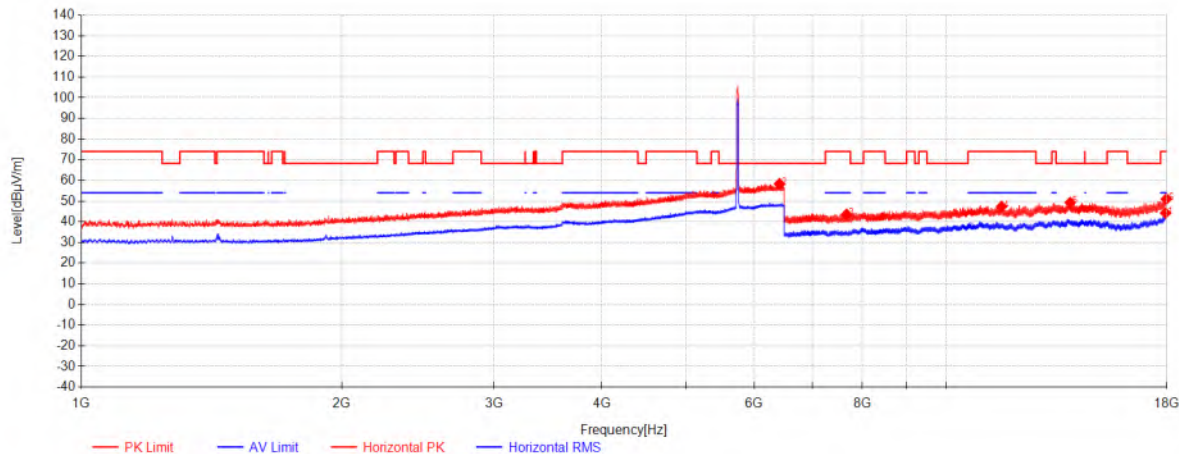
| Data List |                 |                |           |             |                |                |             |            |
|-----------|-----------------|----------------|-----------|-------------|----------------|----------------|-------------|------------|
| NO.       | Frequency [MHz] | Reading [dBμV] | AF [dB/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Polarity   |
| 1         | 17972.7833      | 33.03          | 41.62     | -30.98      | 43.67          | 54.00          | 10.33       | Horizontal |
| 2         | 6099.875        | 40.75          | 34.70     | -16.68      | 58.77          | 68.20          | 9.43        | Horizontal |
| 3         | 7568.7333       | 51.07          | 36.44     | -41.88      | 45.63          | 74.00          | 28.37       | Horizontal |
| 4         | 11556.9333      | 43.71          | 38.97     | -35.48      | 47.20          | 74.00          | 26.80       | Horizontal |
| 5         | 13898.3333      | 42.65          | 40.35     | -33.82      | 49.18          | 68.20          | 19.02       | Horizontal |
| 6         | 17947.4833      | 41.54          | 41.55     | -31.04      | 52.05          | 74.00          | 21.95       | Horizontal |

## 802.11ac20\_Channel 140



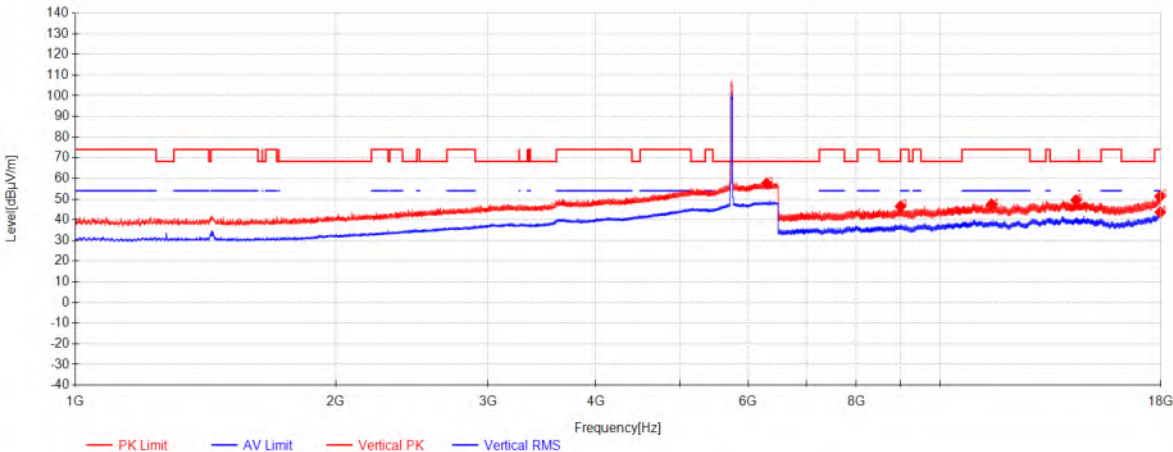
| Data List |                 |                |           |             |                |                |             |          |
|-----------|-----------------|----------------|-----------|-------------|----------------|----------------|-------------|----------|
| NO.       | Frequency [MHz] | Reading [dBμV] | AF [dB/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Polarity |
| 1         | 17973.9333      | 33.36          | 41.62     | -30.98      | 44.00          | 54.00          | 10.00       | Vertical |
| 2         | 6270.8333       | 40.77          | 35.04     | -16.97      | 58.84          | 68.20          | 9.36        | Vertical |
| 3         | 9017.7333       | 47.76          | 38.00     | -39.33      | 46.43          | 74.00          | 27.57       | Vertical |
| 4         | 11474.5167      | 44.17          | 39.02     | -35.80      | 47.39          | 74.00          | 26.61       | Vertical |
| 5         | 13871.1167      | 43.97          | 40.34     | -34.19      | 50.12          | 68.20          | 18.08       | Vertical |
| 6         | 17949.4         | 41.03          | 41.55     | -31.03      | 51.55          | 74.00          | 22.45       | Vertical |

## 802.11ac20\_Channel 149



| Data List |                 |                |           |             |                |                |             |            |
|-----------|-----------------|----------------|-----------|-------------|----------------|----------------|-------------|------------|
| NO.       | Frequency [MHz] | Reading [dBμV] | AF [dB/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Polarity   |
| 1         | 17934.0667      | 33.80          | 41.51     | -31.06      | 44.25          | 54.00          | 9.75        | Horizontal |
| 2         | 6415.2083       | 39.66          | 35.33     | -16.61      | 58.38          | 68.20          | 9.82        | Horizontal |
| 3         | 7671.4667       | 48.65          | 36.64     | -41.74      | 43.56          | 74.00          | 30.44       | Horizontal |
| 4         | 11590.2833      | 43.66          | 38.95     | -35.26      | 47.35          | 74.00          | 26.65       | Horizontal |
| 5         | 13912.1333      | 42.95          | 40.36     | -34.01      | 49.30          | 68.20          | 18.90       | Horizontal |
| 6         | 17972.4         | 40.39          | 41.62     | -30.99      | 51.02          | 74.00          | 22.98       | Horizontal |

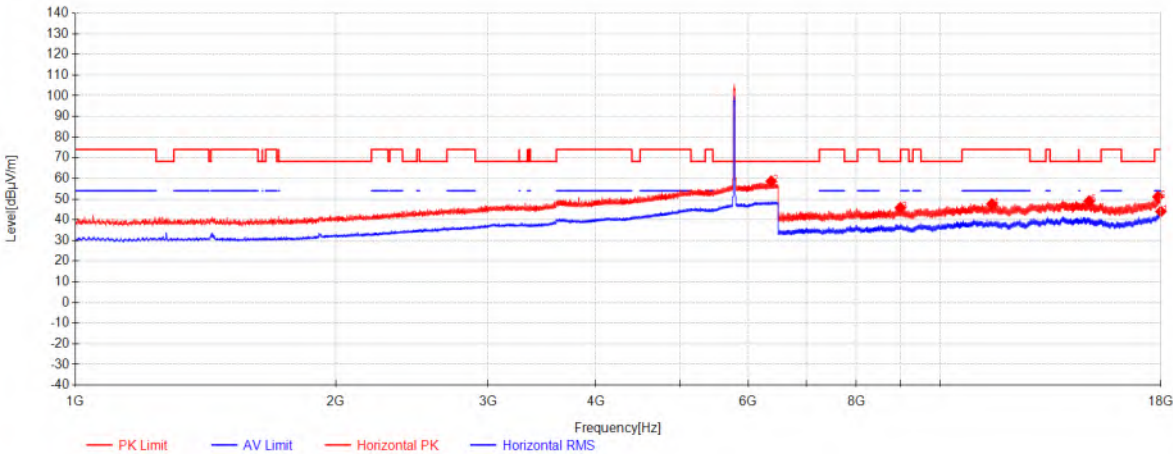
## 802.11ac20\_Channel 149



### Data List

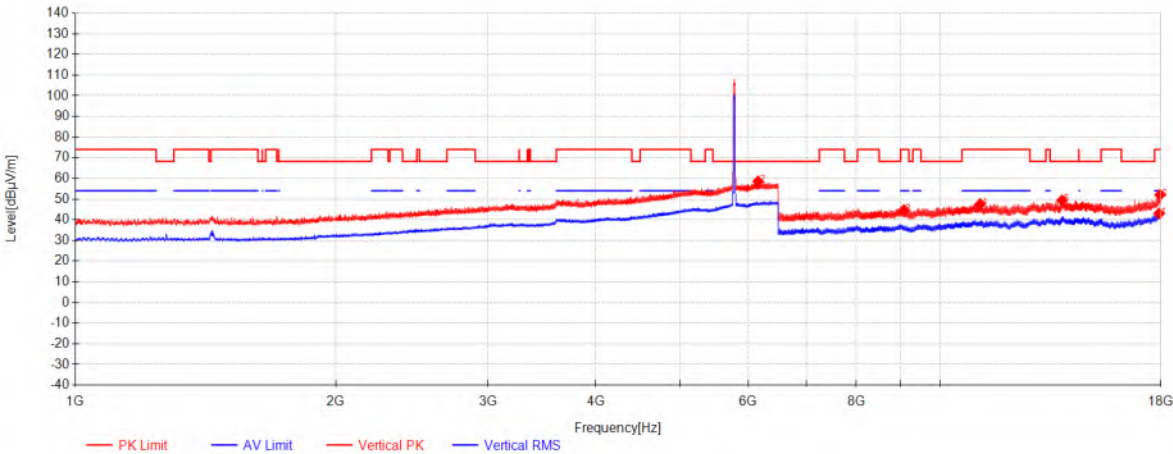
| NO. | Frequency [MHz] | Reading [dBμV] | AF [dB/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Polarity |
|-----|-----------------|----------------|-----------|-------------|----------------|----------------|-------------|----------|
| 1   | 17969.7167      | 33.04          | 41.61     | -30.99      | 43.66          | 54.00          | 10.34       | Vertical |
| 2   | 6301.0833       | 39.51          | 35.10     | -17.04      | 57.58          | 68.20          | 10.62       | Vertical |
| 3   | 8999.3333       | 47.77          | 38.00     | -39.25      | 46.52          | 68.20          | 21.68       | Vertical |
| 4   | 11465.3167      | 44.23          | 39.02     | -35.77      | 47.48          | 74.00          | 26.52       | Vertical |
| 5   | 14356.0333      | 43.61          | 40.19     | -34.29      | 49.50          | 68.20          | 18.70       | Vertical |
| 6   | 17954.3833      | 40.73          | 41.57     | -31.02      | 51.28          | 74.00          | 22.72       | Vertical |

## 802.11ac20\_Channel 157



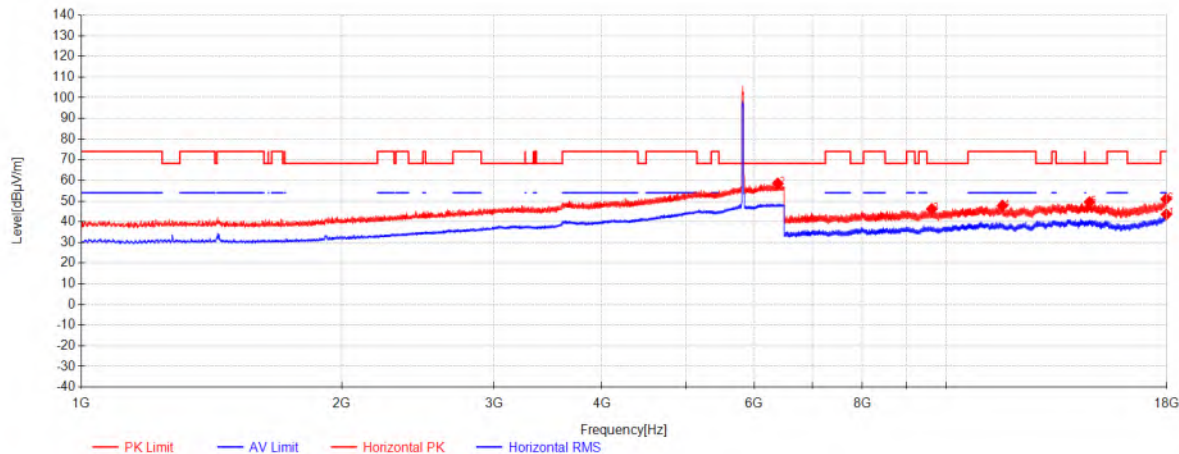
| Data List |                 |                |           |             |                |                |             |            |
|-----------|-----------------|----------------|-----------|-------------|----------------|----------------|-------------|------------|
| NO.       | Frequency [MHz] | Reading [dBμV] | AF [dB/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Polarity   |
| 1         | 17998.4667      | 33.28          | 41.70     | -30.93      | 44.04          | 54.00          | 9.96        | Horizontal |
| 2         | 6377.1667       | 40.06          | 35.25     | -16.69      | 58.63          | 68.20          | 9.57        | Horizontal |
| 3         | 8991.2833       | 47.11          | 37.99     | -39.28      | 45.82          | 68.20          | 22.38       | Horizontal |
| 4         | 11477.2         | 44.42          | 39.01     | -35.80      | 47.63          | 74.00          | 26.37       | Horizontal |
| 5         | 14869.3167      | 42.83          | 39.88     | -33.68      | 49.03          | 68.20          | 19.17       | Horizontal |
| 6         | 17855.4833      | 41.31          | 41.28     | -31.48      | 51.11          | 74.00          | 22.89       | Horizontal |

802.11ac20\_Channel 157



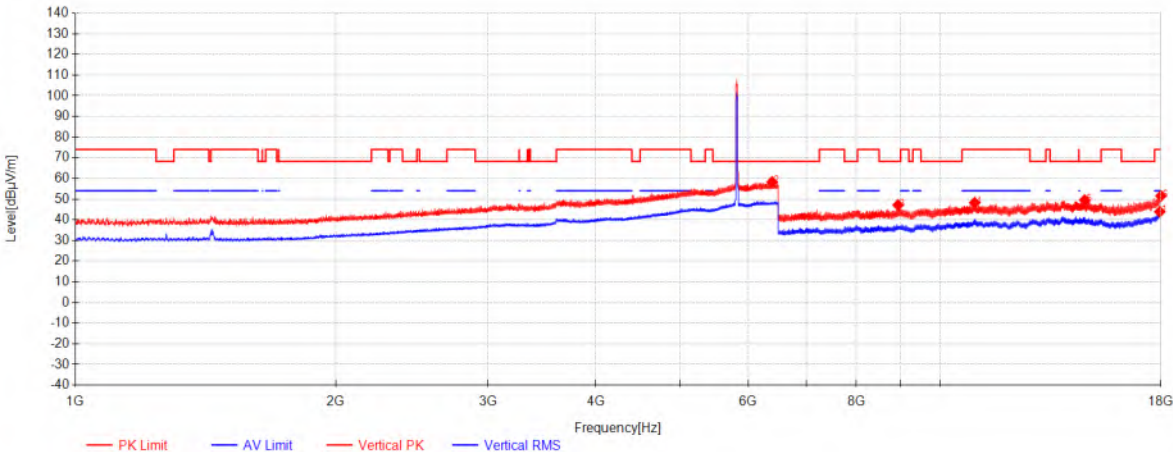
| Data List |                 |                |           |             |                |                |             |          |
|-----------|-----------------|----------------|-----------|-------------|----------------|----------------|-------------|----------|
| NO.       | Frequency [MHz] | Reading [dBμV] | AF [dB/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Polarity |
| 1         | 17908.7667      | 32.73          | 41.44     | -31.11      | 43.05          | 54.00          | 10.95       | Vertical |
| 2         | 6157.625        | 40.50          | 34.82     | -16.75      | 58.56          | 68.20          | 9.64        | Vertical |
| 3         | 9079.45         | 46.30          | 38.01     | -39.61      | 44.70          | 74.00          | 29.30       | Vertical |
| 4         | 11124.5333      | 43.94          | 39.23     | -35.58      | 47.58          | 74.00          | 26.42       | Vertical |
| 5         | 13834.7         | 43.73          | 40.32     | -34.68      | 49.37          | 68.20          | 18.83       | Vertical |
| 6         | 17954.7667      | 41.45          | 41.57     | -31.02      | 52.00          | 74.00          | 22.00       | Vertical |

802.11ac20\_Channel 165



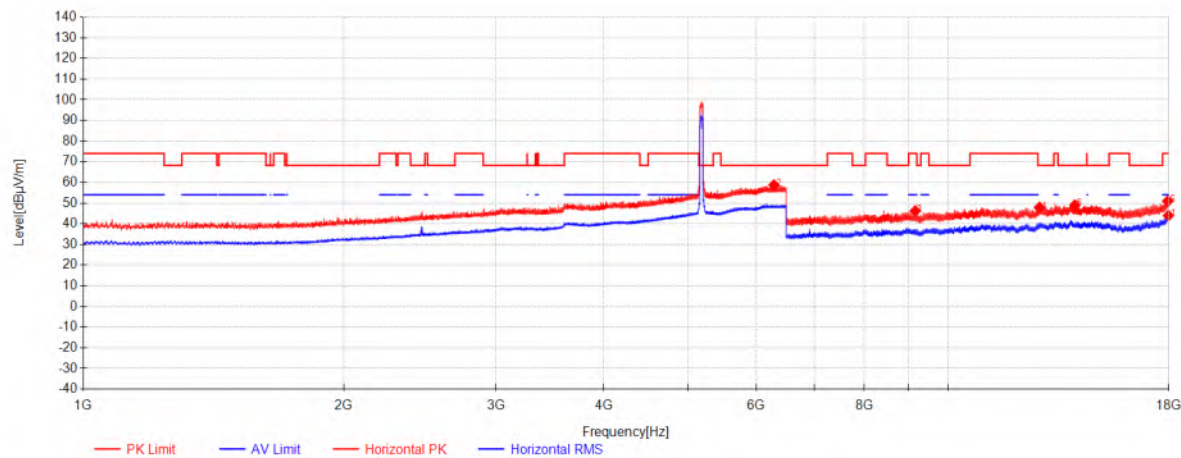
| Data List |                 |                |           |             |                |                |             |            |
|-----------|-----------------|----------------|-----------|-------------|----------------|----------------|-------------|------------|
| NO.       | Frequency [MHz] | Reading [dBμV] | AF [dB/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Polarity   |
| 1         | 17975.0833      | 32.97          | 41.63     | -30.98      | 43.62          | 54.00          | 10.38       | Horizontal |
| 2         | 6385.4167       | 39.94          | 35.27     | -16.65      | 58.56          | 68.20          | 9.64        | Horizontal |
| 3         | 9623.7833       | 46.19          | 38.06     | -38.08      | 46.17          | 68.20          | 22.03       | Horizontal |
| 4         | 11616.7333      | 44.17          | 38.93     | -35.27      | 47.83          | 74.00          | 26.17       | Horizontal |
| 5         | 14648.1333      | 43.69          | 40.01     | -34.20      | 49.50          | 68.20          | 18.70       | Horizontal |
| 6         | 17960.9         | 40.43          | 41.59     | -31.01      | 51.01          | 74.00          | 22.99       | Horizontal |

## 802.11ac20\_Channel 165



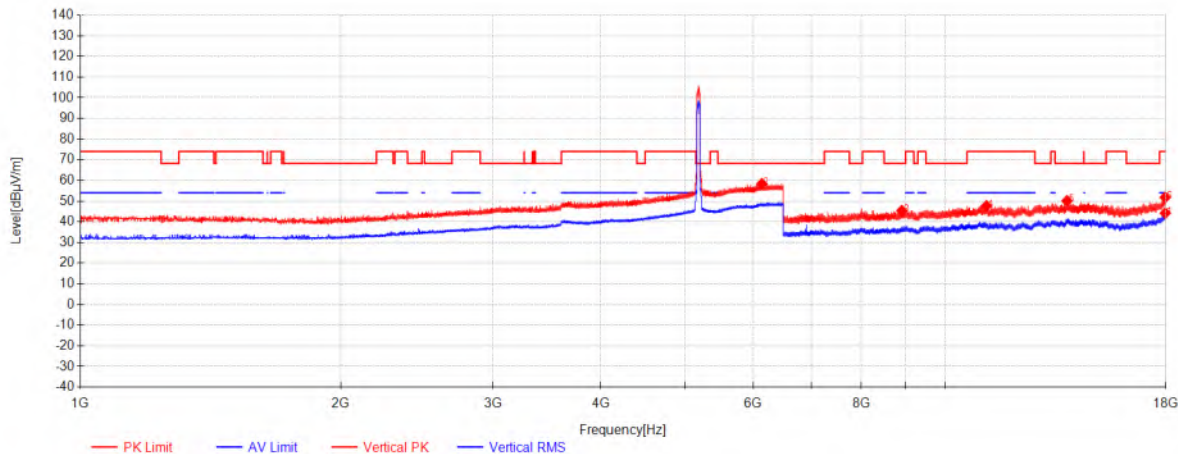
| Data List |                 |                |           |             |                |                |             |          |
|-----------|-----------------|----------------|-----------|-------------|----------------|----------------|-------------|----------|
| NO.       | Frequency [MHz] | Reading [dBμV] | AF [dB/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Polarity |
| 1         | 17944.4167      | 33.42          | 41.54     | -31.04      | 43.92          | 54.00          | 10.08       | Vertical |
| 2         | 6393.6667       | 39.63          | 35.29     | -16.61      | 58.31          | 68.20          | 9.89        | Vertical |
| 3         | 8938.3833       | 48.62          | 37.96     | -39.49      | 47.09          | 68.20          | 21.11       | Vertical |
| 4         | 10961.2333      | 45.06          | 39.25     | -36.07      | 48.24          | 74.00          | 25.76       | Vertical |
| 5         | 14689.9167      | 43.43          | 39.99     | -33.90      | 49.51          | 68.20          | 18.69       | Vertical |
| 6         | 17999.6167      | 40.78          | 41.70     | -30.93      | 51.55          | 74.00          | 22.45       | Vertical |

802.11ac40\_Channel 38



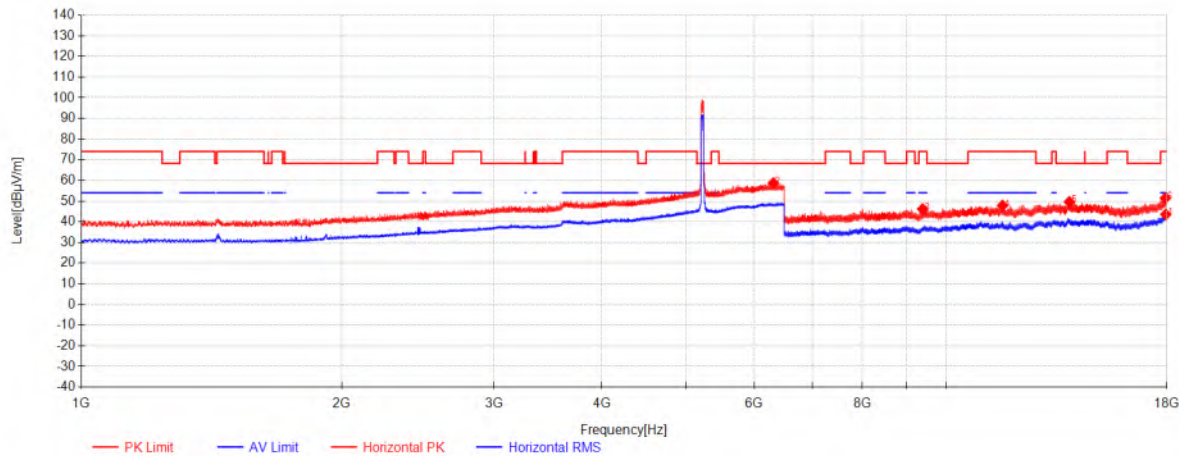
| Data List |                 |                |           |             |                |                |             |            |
|-----------|-----------------|----------------|-----------|-------------|----------------|----------------|-------------|------------|
| NO.       | Frequency [MHz] | Reading [dBμV] | AF [dB/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Polarity   |
| 1         | 17976.6167      | 33.35          | 41.63     | -30.98      | 44.01          | 54.00          | 9.99        | Horizontal |
| 2         | 6288.25         | 40.66          | 35.08     | -17.01      | 58.72          | 68.20          | 9.48        | Horizontal |
| 3         | 9158.8          | 47.49          | 38.02     | -39.34      | 46.17          | 74.00          | 27.83       | Horizontal |
| 4         | 12754.4667      | 42.92          | 39.61     | -34.62      | 47.90          | 68.20          | 20.30       | Horizontal |
| 5         | 14011.8         | 44.02          | 40.39     | -35.43      | 48.98          | 68.20          | 19.22       | Horizontal |
| 6         | 17944.0333      | 40.49          | 41.54     | -31.04      | 50.99          | 74.00          | 23.01       | Horizontal |

## 802.11ac40\_Channel 38



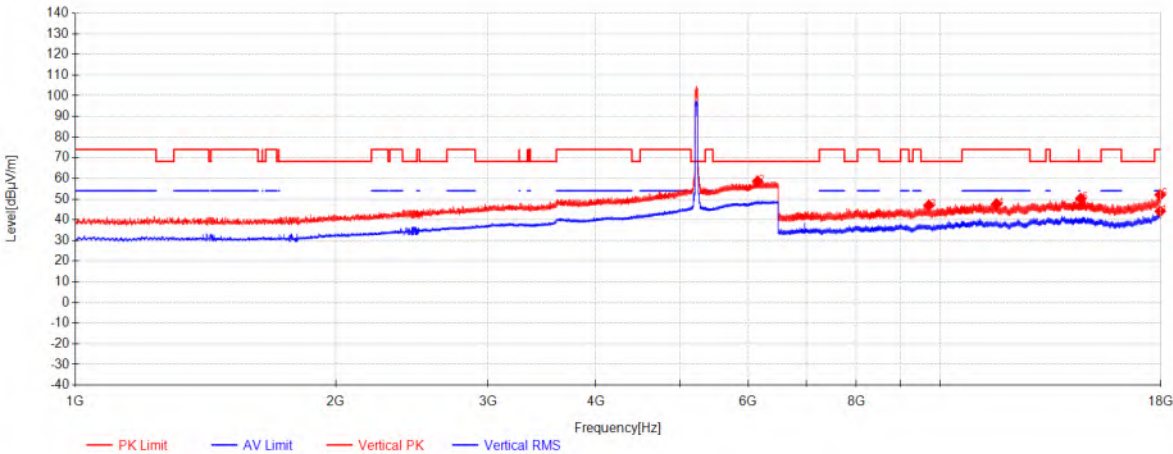
| Data List |                 |                |           |             |                |                |             |          |
|-----------|-----------------|----------------|-----------|-------------|----------------|----------------|-------------|----------|
| NO.       | Frequency [MHz] | Reading [dBμV] | AF [dB/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Polarity |
| 1         | 17968.95        | 33.60          | 41.61     | -30.99      | 44.22          | 54.00          | 9.78        | Vertical |
| 2         | 6137.4583       | 40.31          | 34.77     | -16.73      | 58.36          | 68.20          | 9.84        | Vertical |
| 3         | 8910.4          | 47.05          | 37.94     | -39.60      | 45.39          | 68.20          | 22.81       | Vertical |
| 4         | 11162.8667      | 43.82          | 39.20     | -35.32      | 47.71          | 74.00          | 26.29       | Vertical |
| 5         | 13830.1         | 44.54          | 40.32     | -34.74      | 50.11          | 68.20          | 18.09       | Vertical |
| 6         | 17965.5         | 41.19          | 41.60     | -31.00      | 51.79          | 74.00          | 22.21       | Vertical |

802.11ac40\_Channel 46



| Data List |                 |                |           |             |                |                |             |            |
|-----------|-----------------|----------------|-----------|-------------|----------------|----------------|-------------|------------|
| NO.       | Frequency [MHz] | Reading [dBμV] | AF [dB/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Polarity   |
| 1         | 17947.1         | 33.08          | 41.55     | -31.04      | 43.59          | 54.00          | 10.41       | Horizontal |
| 2         | 6312.0833       | 40.62          | 35.12     | -16.98      | 58.76          | 68.20          | 9.44        | Horizontal |
| 3         | 9391.1          | 46.82          | 38.04     | -38.66      | 46.19          | 74.00          | 27.81       | Horizontal |
| 4         | 11619.4167      | 44.19          | 38.93     | -35.28      | 47.84          | 74.00          | 26.16       | Horizontal |
| 5         | 13884.5333      | 43.32          | 40.34     | -34.01      | 49.65          | 68.20          | 18.55       | Horizontal |
| 6         | 17927.9333      | 41.04          | 41.49     | -31.07      | 51.46          | 74.00          | 22.54       | Horizontal |

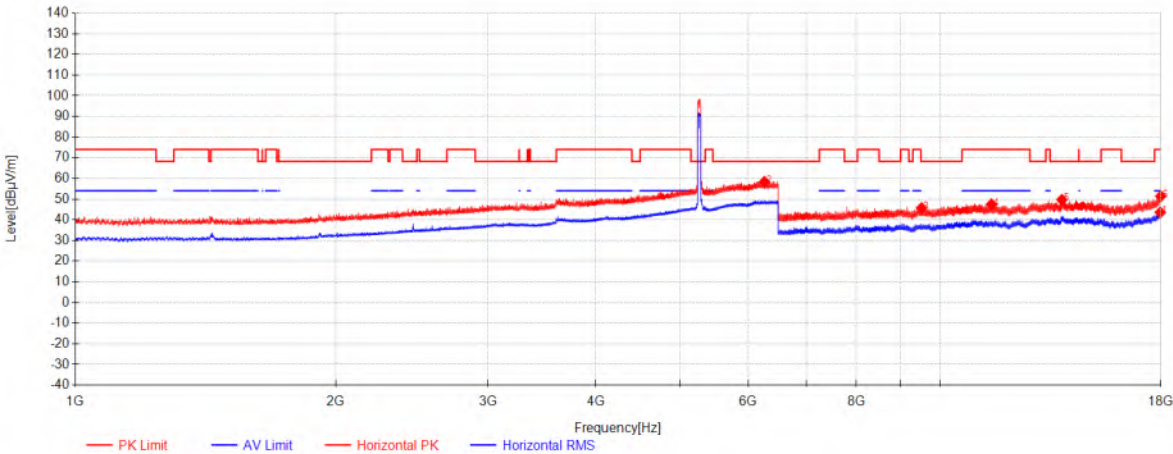
## 802.11ac40\_Channel 46



Data List

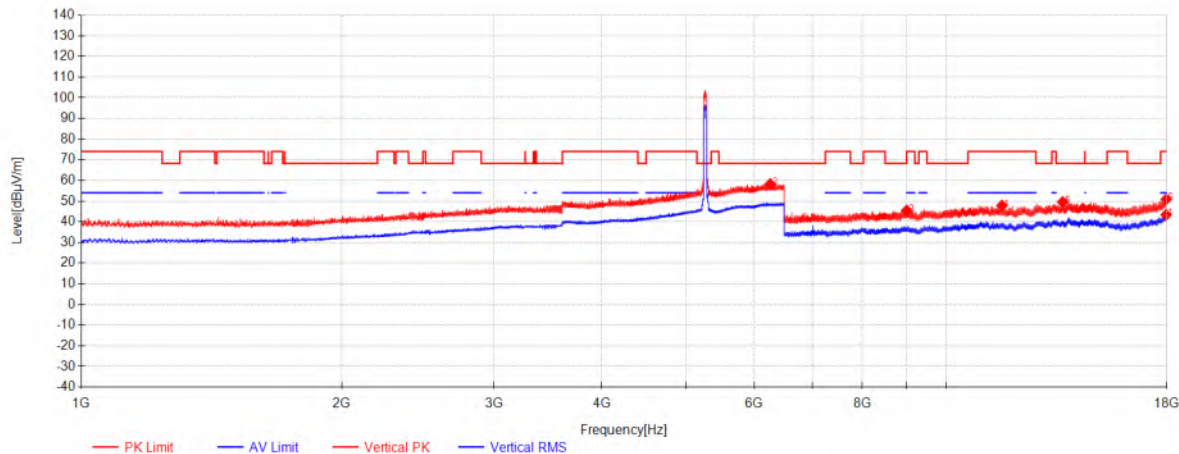
| NO. | Frequency [MHz] | Reading [dBμV] | AF [dB/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Polarity |
|-----|-----------------|----------------|-----------|-------------|----------------|----------------|-------------|----------|
| 1   | 17965.5         | 33.55          | 41.60     | -31.00      | 44.15          | 54.00          | 9.85        | Vertical |
| 2   | 6150.75         | 40.54          | 34.80     | -16.75      | 58.60          | 68.20          | 9.60        | Vertical |
| 3   | 9703.1333       | 46.55          | 38.07     | -37.65      | 46.97          | 68.20          | 21.23       | Vertical |
| 4   | 11617.8833      | 43.94          | 38.93     | -35.27      | 47.60          | 74.00          | 26.40       | Vertical |
| 5   | 14541.95        | 44.88          | 40.07     | -34.71      | 50.25          | 68.20          | 17.95       | Vertical |
| 6   | 17963.2         | 41.45          | 41.59     | -31.00      | 52.04          | 74.00          | 21.96       | Vertical |

802.11ac40\_Channel 54



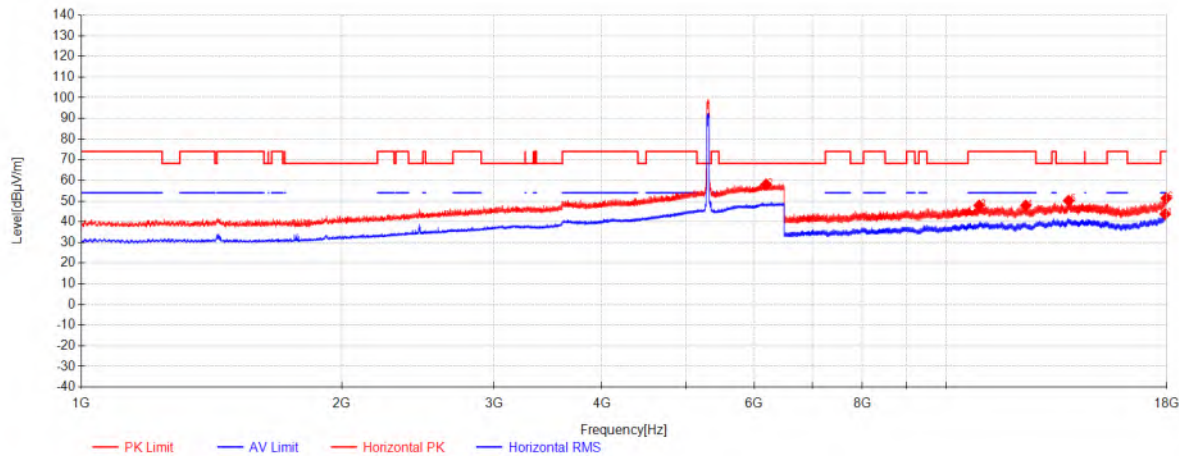
| Data List |                 |                |           |             |                |                |             |            |
|-----------|-----------------|----------------|-----------|-------------|----------------|----------------|-------------|------------|
| NO.       | Frequency [MHz] | Reading [dBμV] | AF [dB/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Polarity   |
| 1         | 17969.3333      | 32.99          | 41.61     | -30.99      | 43.61          | 54.00          | 10.39       | Horizontal |
| 2         | 6263.9583       | 40.31          | 35.03     | -16.96      | 58.38          | 68.20          | 9.82        | Horizontal |
| 3         | 9519.1333       | 46.08          | 38.05     | -38.44      | 45.69          | 68.20          | 22.51       | Horizontal |
| 4         | 11463.4         | 44.26          | 39.02     | -35.77      | 47.51          | 74.00          | 26.49       | Horizontal |
| 5         | 13826.65        | 44.15          | 40.31     | -34.79      | 49.67          | 68.20          | 18.53       | Horizontal |
| 6         | 17991.5667      | 40.67          | 41.68     | -30.95      | 51.40          | 74.00          | 22.60       | Horizontal |

## 802.11ac40\_Channel 54



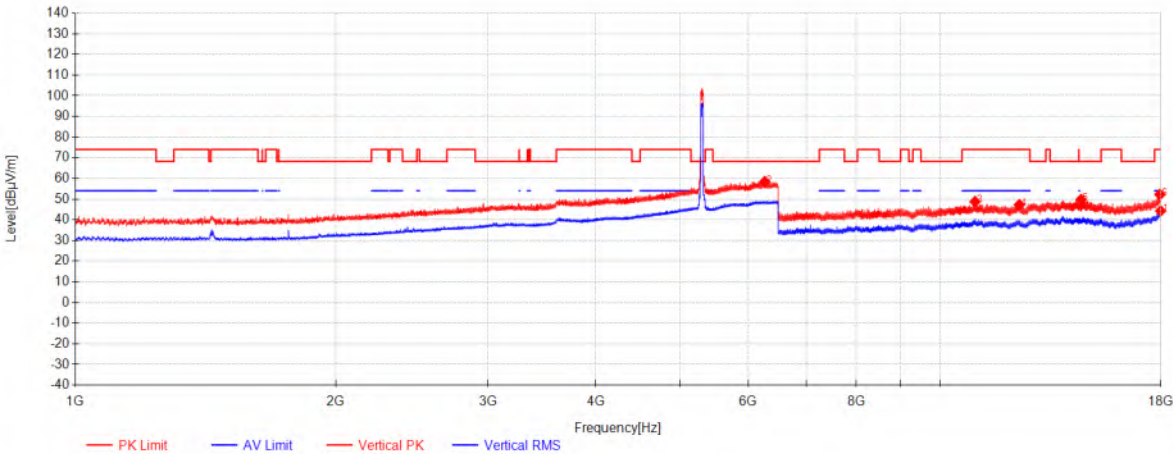
| Data List |                 |                |           |             |                |                |             |          |
|-----------|-----------------|----------------|-----------|-------------|----------------|----------------|-------------|----------|
| NO.       | Frequency [MHz] | Reading [dBμV] | AF [dB/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Polarity |
| 1         | 17960.9         | 32.82          | 41.59     | -31.01      | 43.40          | 54.00          | 10.60       | Vertical |
| 2         | 6261.2083       | 40.20          | 35.02     | -16.95      | 58.27          | 68.20          | 9.93        | Vertical |
| 3         | 9003.55         | 46.71          | 38.00     | -39.27      | 45.44          | 74.00          | 28.56       | Vertical |
| 4         | 11598.7167      | 44.11          | 38.94     | -35.20      | 47.85          | 74.00          | 26.15       | Vertical |
| 5         | 13636.5167      | 43.87          | 40.22     | -34.52      | 49.57          | 68.20          | 18.63       | Vertical |
| 6         | 17963.5833      | 40.29          | 41.59     | -31.00      | 50.88          | 74.00          | 23.12       | Vertical |

802.11ac40\_Channel 62



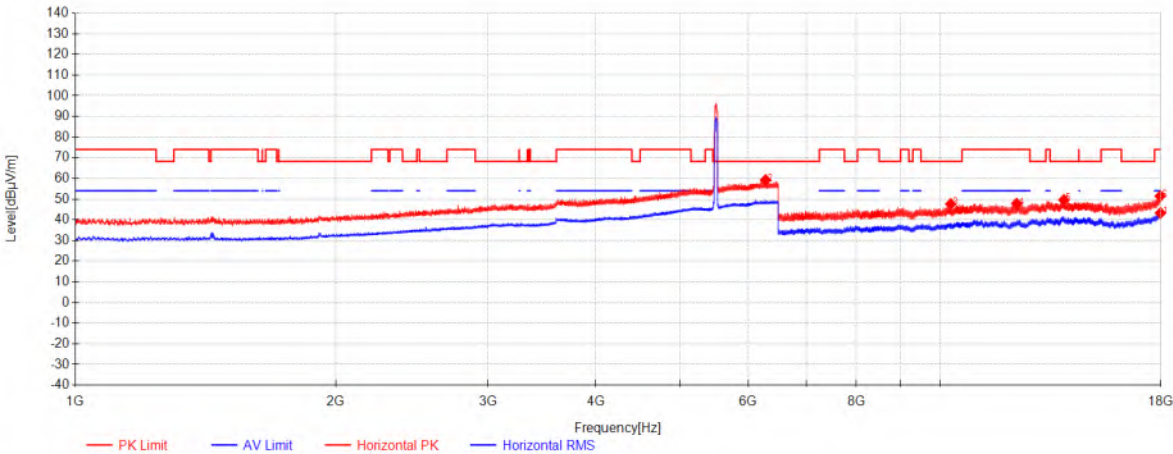
| Data List |                 |                |           |             |                |                |             |            |
|-----------|-----------------|----------------|-----------|-------------|----------------|----------------|-------------|------------|
| NO.       | Frequency [MHz] | Reading [dBμV] | AF [dB/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Polarity   |
| 1         | 17912.6         | 33.40          | 41.45     | -31.10      | 43.74          | 54.00          | 10.26       | Horizontal |
| 2         | 6191.5417       | 40.01          | 34.88     | -16.80      | 58.09          | 68.20          | 10.11       | Horizontal |
| 3         | 10915.6167      | 44.87          | 39.20     | -36.17      | 47.90          | 74.00          | 26.10       | Horizontal |
| 4         | 12359.6333      | 43.42          | 39.13     | -34.67      | 47.88          | 74.00          | 26.12       | Horizontal |
| 5         | 13853.1         | 44.32          | 40.33     | -34.43      | 50.21          | 68.20          | 17.99       | Horizontal |
| 6         | 17966.2667      | 40.77          | 41.60     | -31.00      | 51.37          | 74.00          | 22.63       | Horizontal |

802.11ac40\_Channel 62



| Data List |                 |                |           |             |                |                |             |          |
|-----------|-----------------|----------------|-----------|-------------|----------------|----------------|-------------|----------|
| NO.       | Frequency [MHz] | Reading [dBμV] | AF [dB/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Polarity |
| 1         | 17986.2         | 33.61          | 41.66     | -30.96      | 44.31          | 54.00          | 9.69        | Vertical |
| 2         | 6269.4583       | 40.37          | 35.04     | -16.97      | 58.44          | 68.20          | 9.76        | Vertical |
| 3         | 10973.5         | 45.56          | 39.27     | -36.05      | 48.78          | 74.00          | 25.22       | Vertical |
| 4         | 12347.75        | 42.78          | 39.12     | -34.67      | 47.23          | 74.00          | 26.77       | Vertical |
| 5         | 14552.3         | 44.40          | 40.07     | -34.68      | 49.79          | 68.20          | 18.41       | Vertical |
| 6         | 17950.9333      | 41.67          | 41.56     | -31.03      | 52.20          | 74.00          | 21.80       | Vertical |

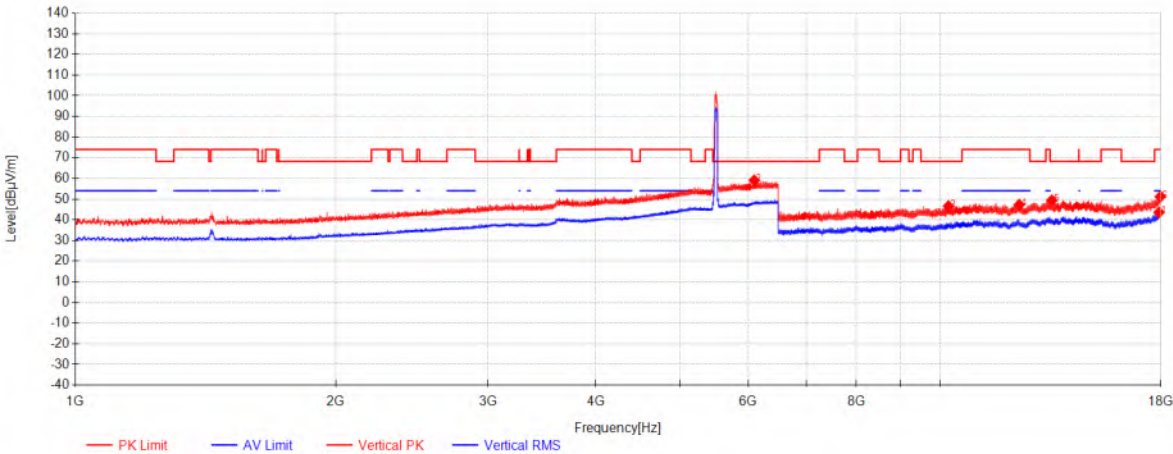
802.11ac40\_Channel 102



Data List

| NO. | Frequency [MHz] | Reading [dBμV] | AF [dB/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Polarity   |
|-----|-----------------|----------------|-----------|-------------|----------------|----------------|-------------|------------|
| 1   | 17975.0833      | 32.65          | 41.63     | -30.98      | 43.30          | 54.00          | 10.70       | Horizontal |
| 2   | 6281.8333       | 41.17          | 35.06     | -17.00      | 59.24          | 68.20          | 8.96        | Horizontal |
| 3   | 10286.95        | 46.24          | 38.44     | -37.08      | 47.60          | 68.20          | 20.60       | Horizontal |
| 4   | 12261.1167      | 43.81          | 39.01     | -34.95      | 47.87          | 74.00          | 26.13       | Horizontal |
| 5   | 13901.7833      | 43.08          | 40.35     | -33.83      | 49.60          | 68.20          | 18.60       | Horizontal |
| 6   | 17963.9667      | 40.87          | 41.60     | -31.00      | 51.46          | 74.00          | 22.54       | Horizontal |

802.11ac40\_Channel 102



| Data List |                 |                |           |             |                |                |             |          |
|-----------|-----------------|----------------|-----------|-------------|----------------|----------------|-------------|----------|
| NO.       | Frequency [MHz] | Reading [dBμV] | AF [dB/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Polarity |
| 1         | 17907.6167      | 33.25          | 41.43     | -31.11      | 43.57          | 54.00          | 10.43       | Vertical |
| 2         | 6095.75         | 41.11          | 34.69     | -16.70      | 59.10          | 68.20          | 9.10        | Vertical |
| 3         | 10222.9333      | 44.69          | 38.37     | -36.45      | 46.60          | 68.20          | 21.60       | Vertical |
| 4         | 12342.3833      | 42.83          | 39.11     | -34.67      | 47.27          | 74.00          | 26.73       | Vertical |
| 5         | 13459.8         | 44.15          | 40.13     | -34.87      | 49.41          | 68.20          | 18.79       | Vertical |
| 6         | 17968.1833      | 40.57          | 41.61     | -30.99      | 51.18          | 74.00          | 22.82       | Vertical |