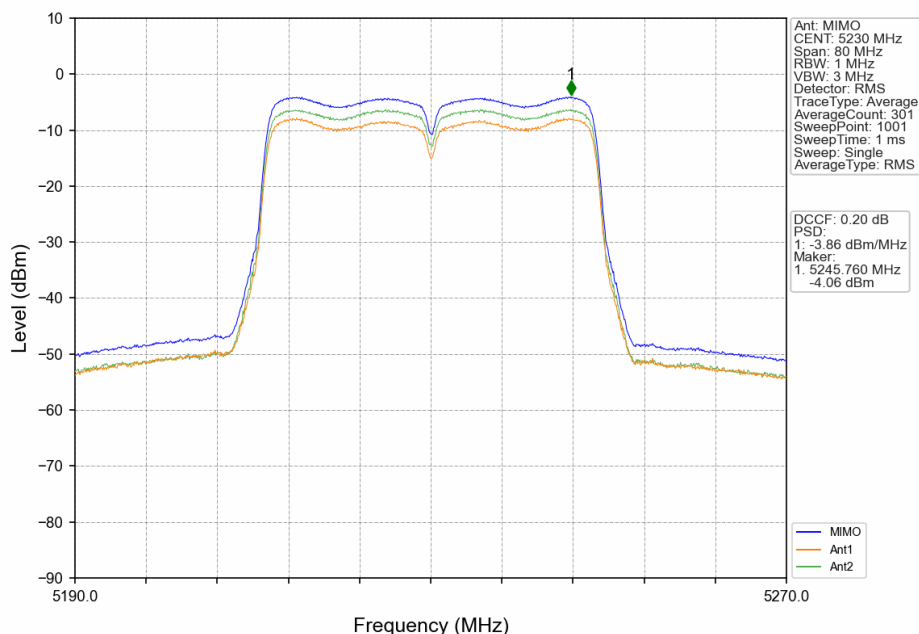
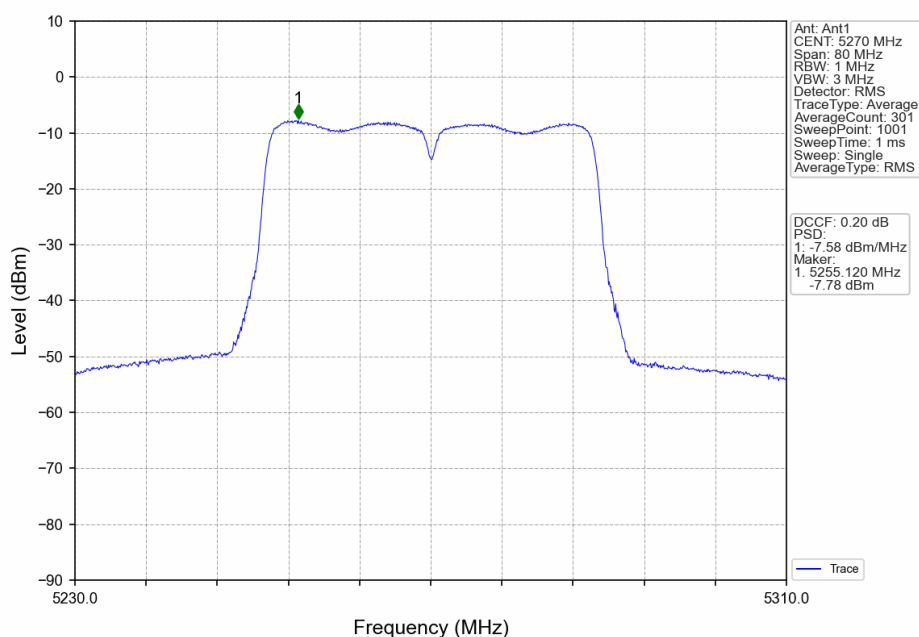


802.11ac(VHT40)\_HCH\_5230MHz\_MIMO\_NTNV



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



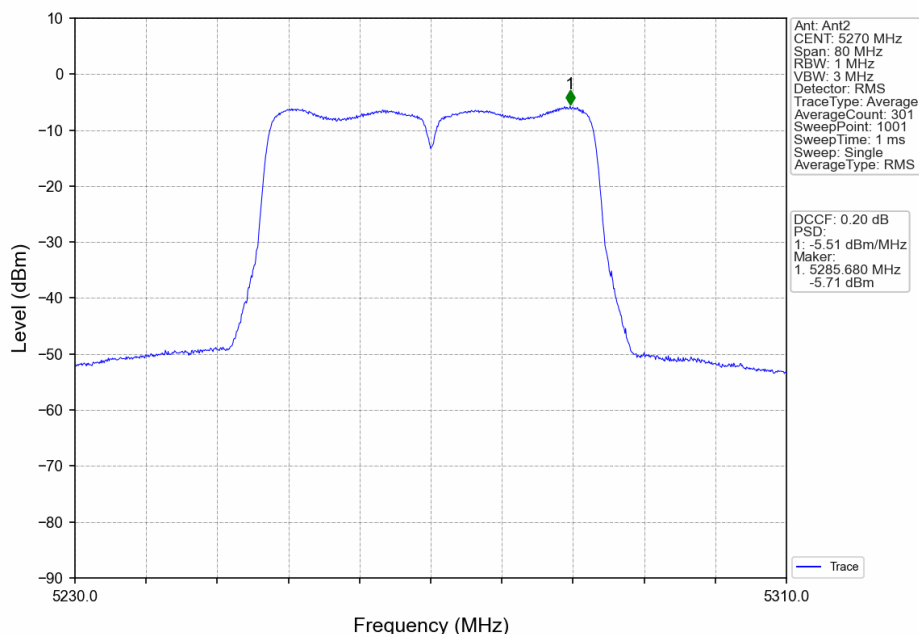
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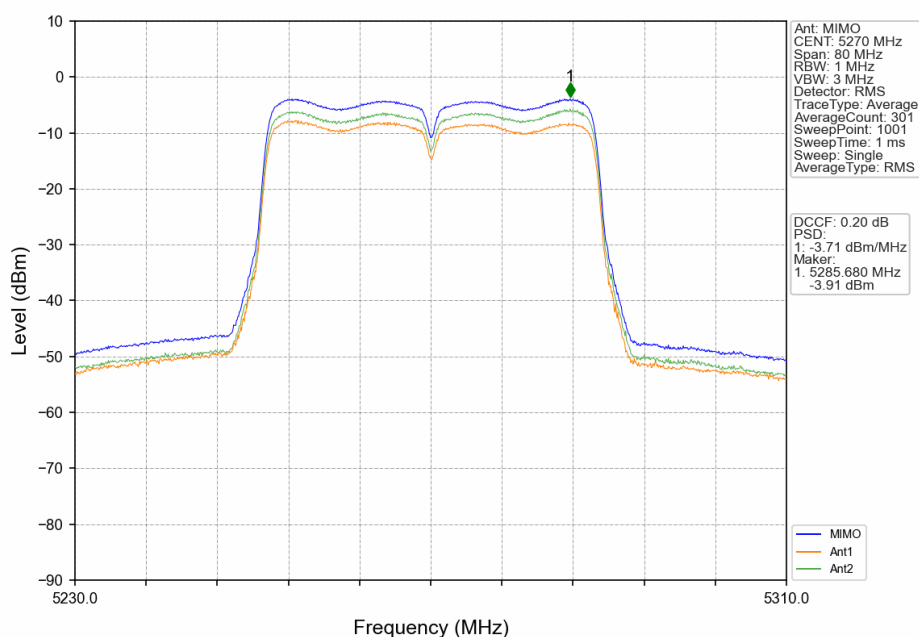
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802.11ac(VHT40)\_LCH\_5270MHz\_Ant2\_NTNV



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



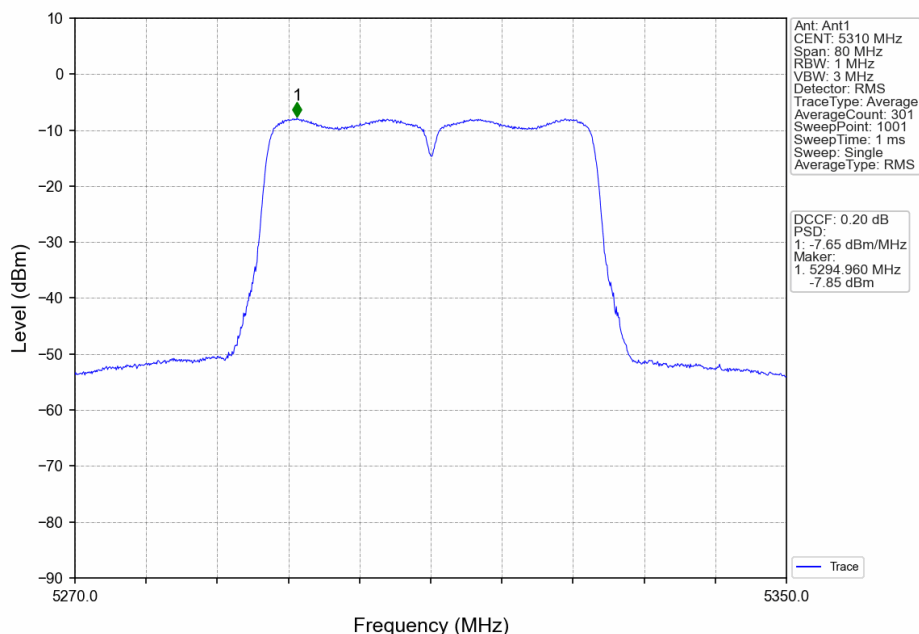
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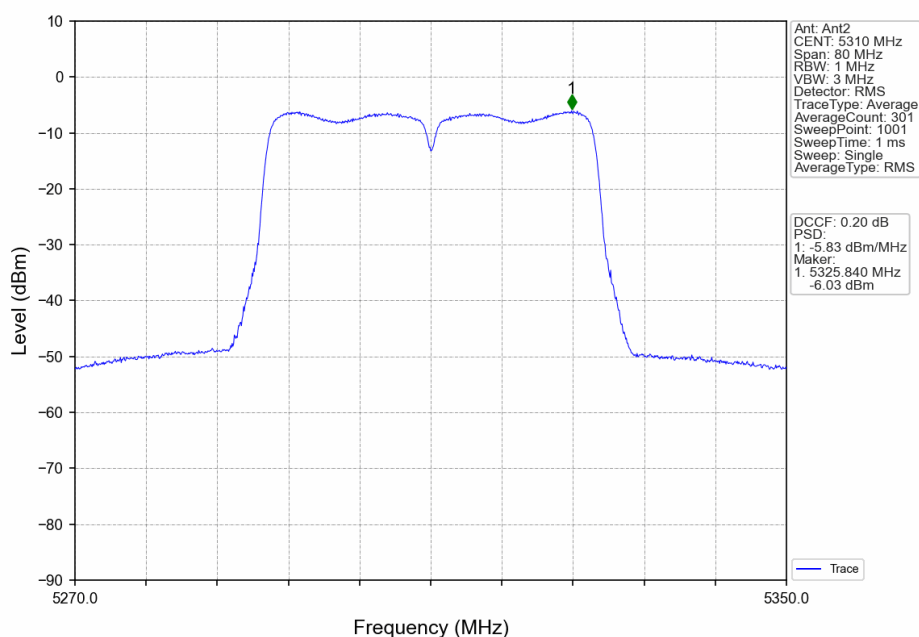
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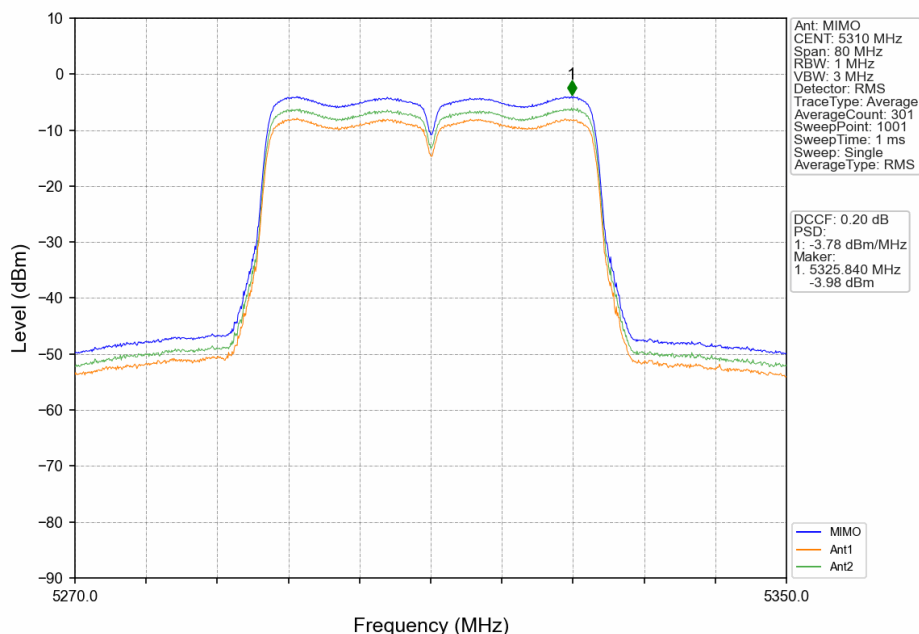
802.11ac(VHT40)\_HCH\_5310MHz\_Ant1\_NTNV



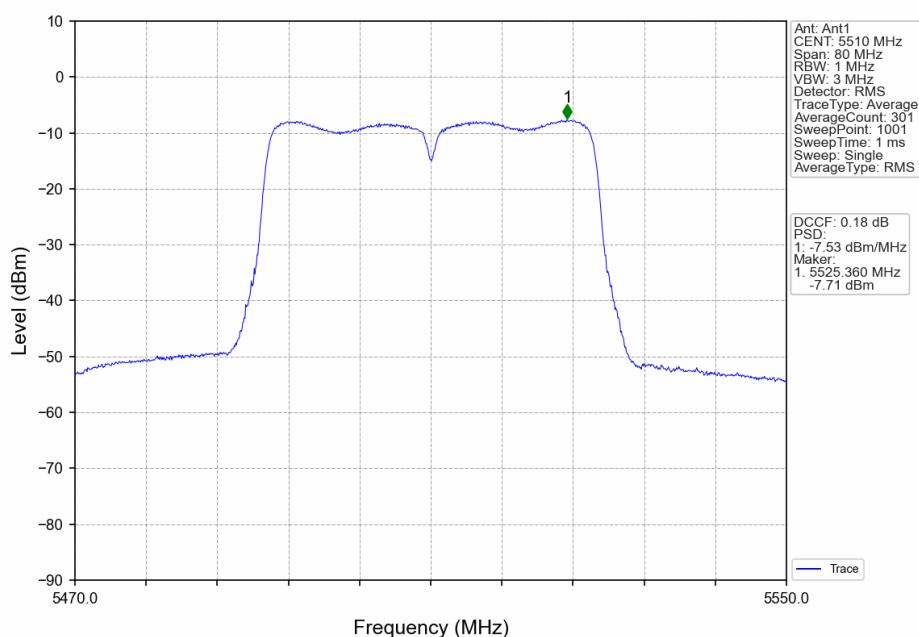
802.11ac(VHT40)\_HCH\_5310MHz\_Ant2\_NTNV



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



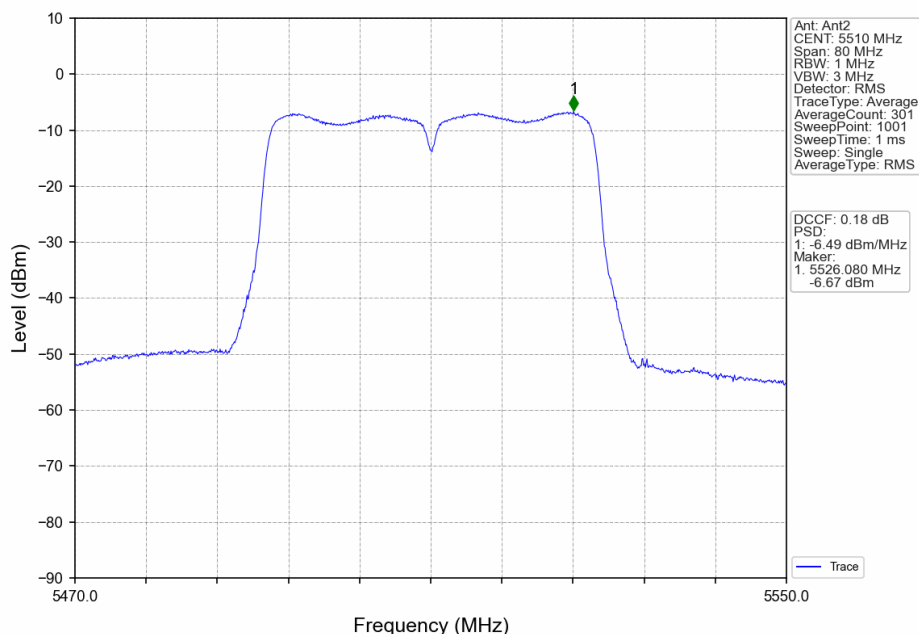
802.11ac(VHT40)\_LCH\_5510MHz\_Ant1\_NTNV



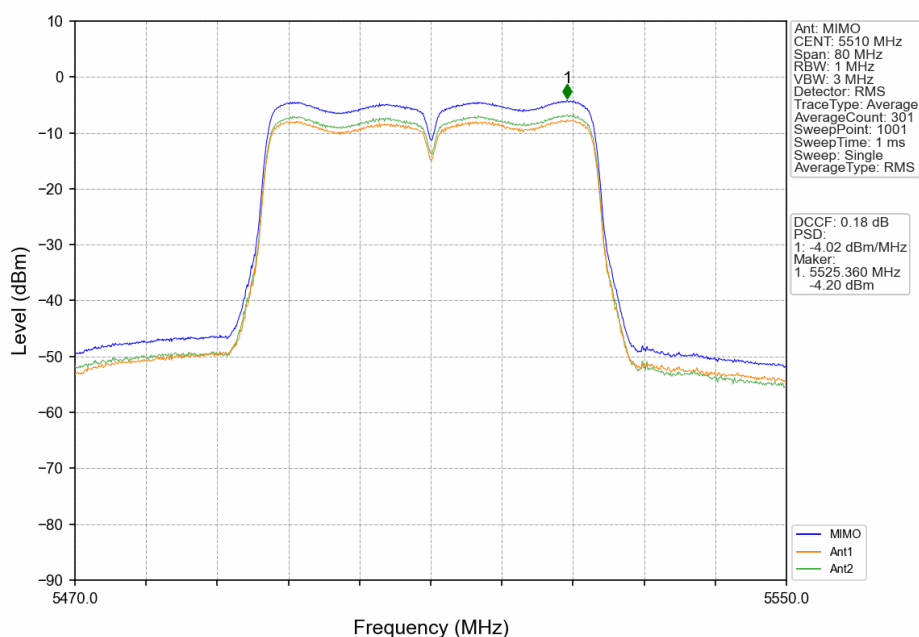
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802.11ac(VHT40)\_LCH\_5510MHz\_Ant2\_NTNV



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



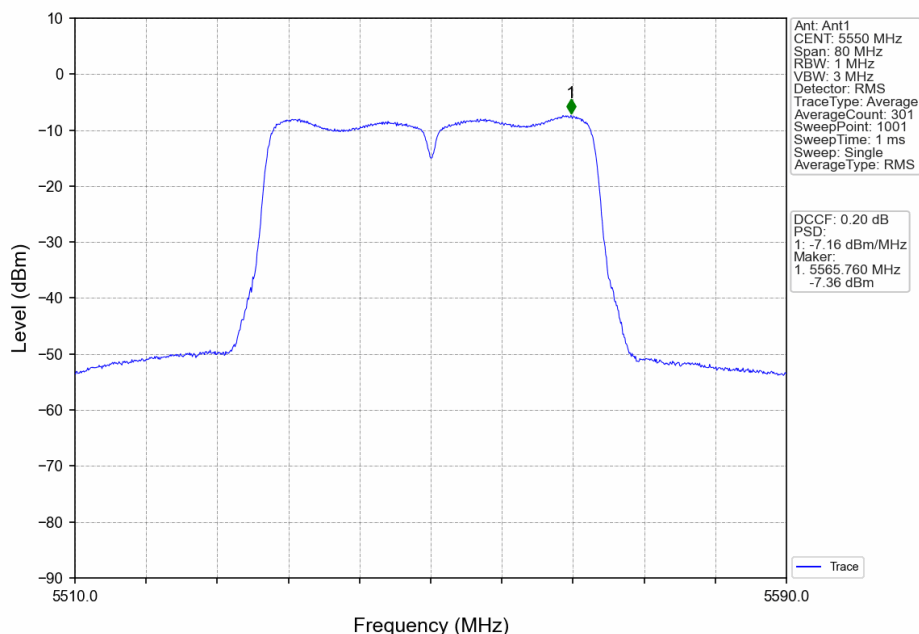
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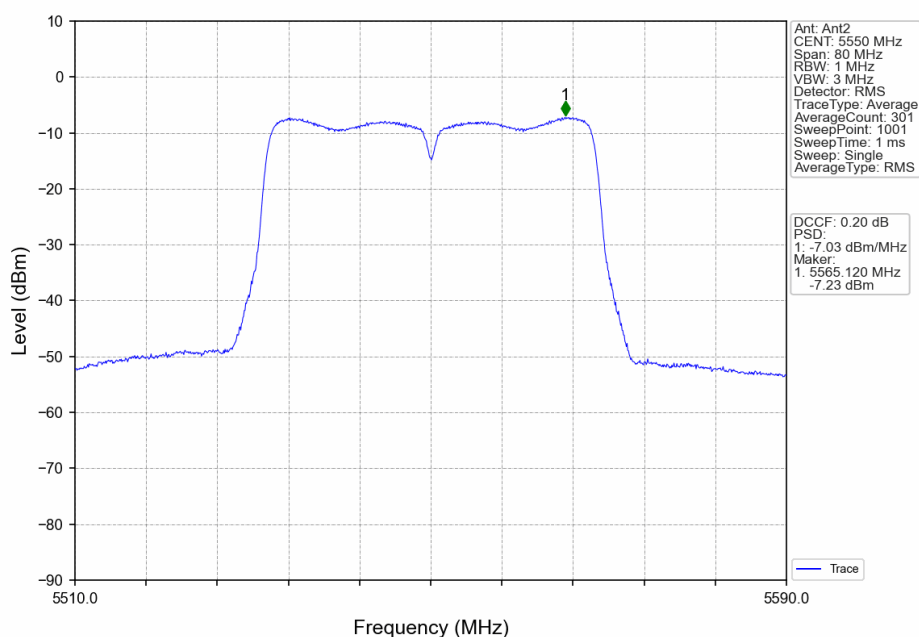
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802.11ac(VHT40)\_MCH\_5550MHz\_Ant1\_NTNV



802.11ac(VHT40)\_MCH\_5550MHz\_Ant2\_NTNV



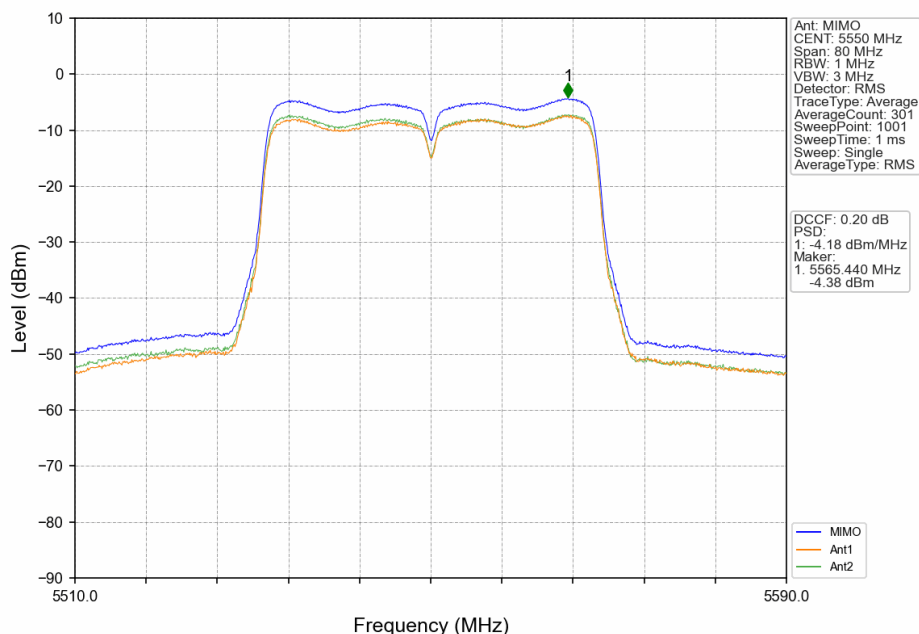
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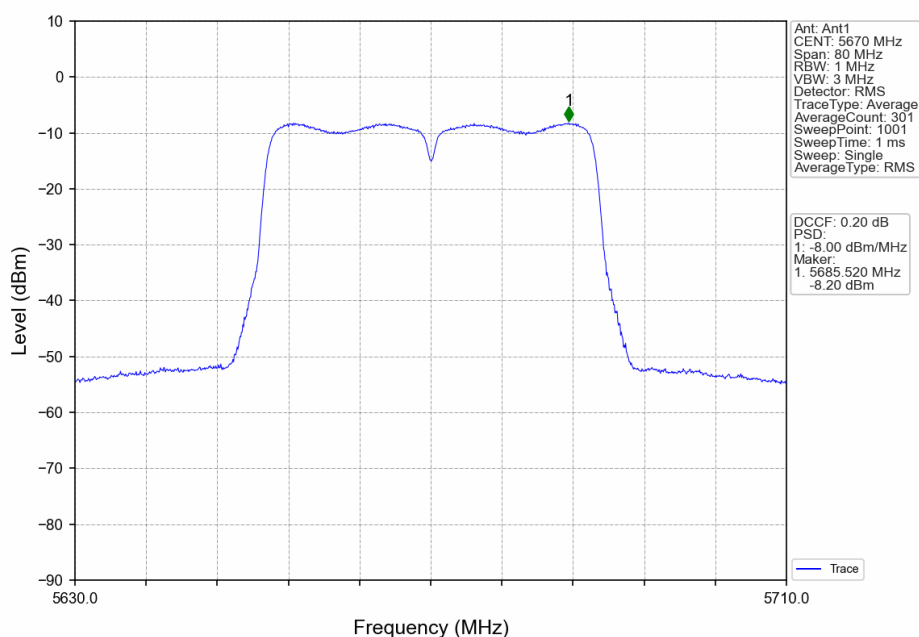
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802.11ac(VHT40)\_MCH\_5550MHz\_MIMO\_NTNV



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



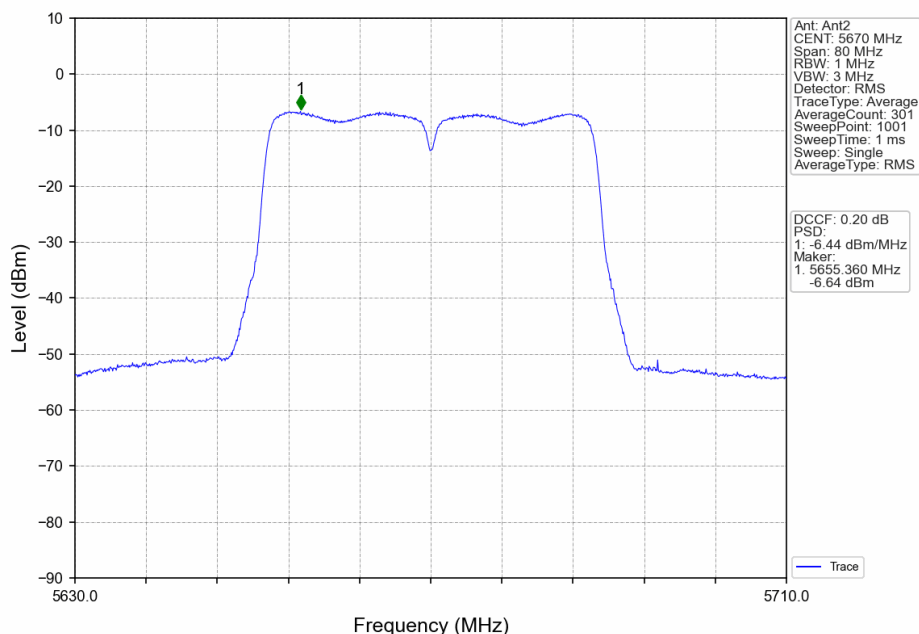
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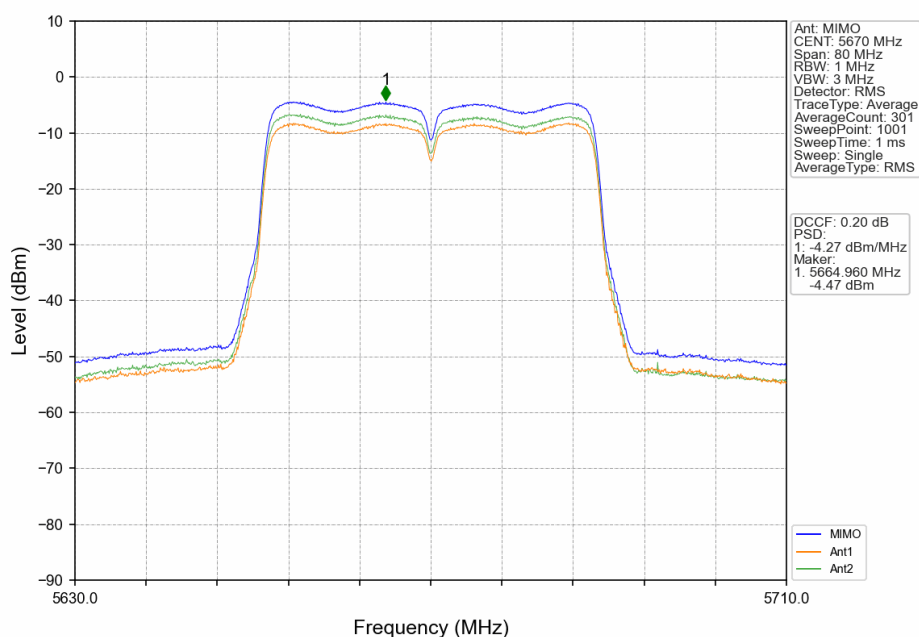
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802.11ac(VHT40)\_HCH\_5670MHz\_Ant2\_NTNV



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



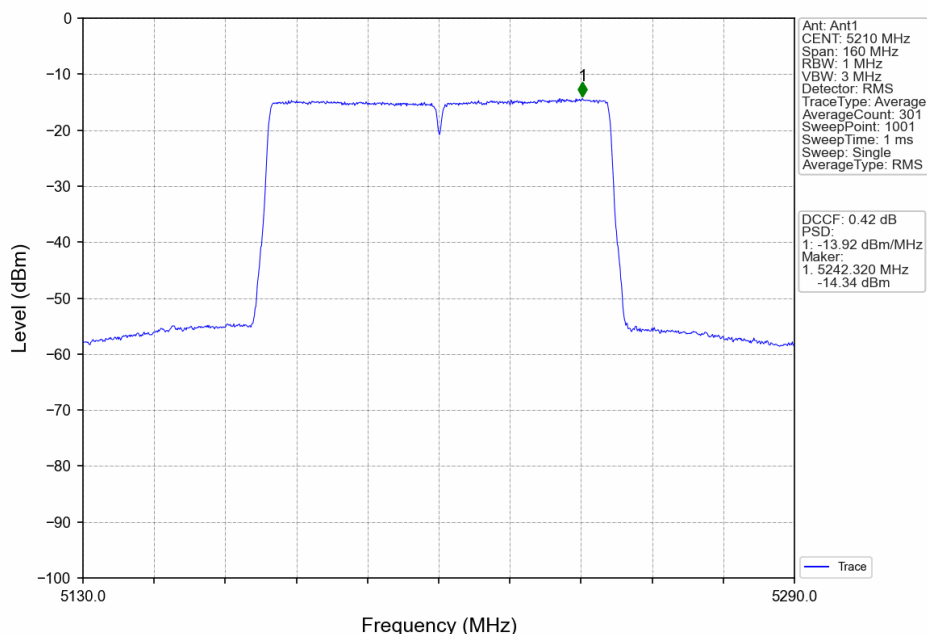
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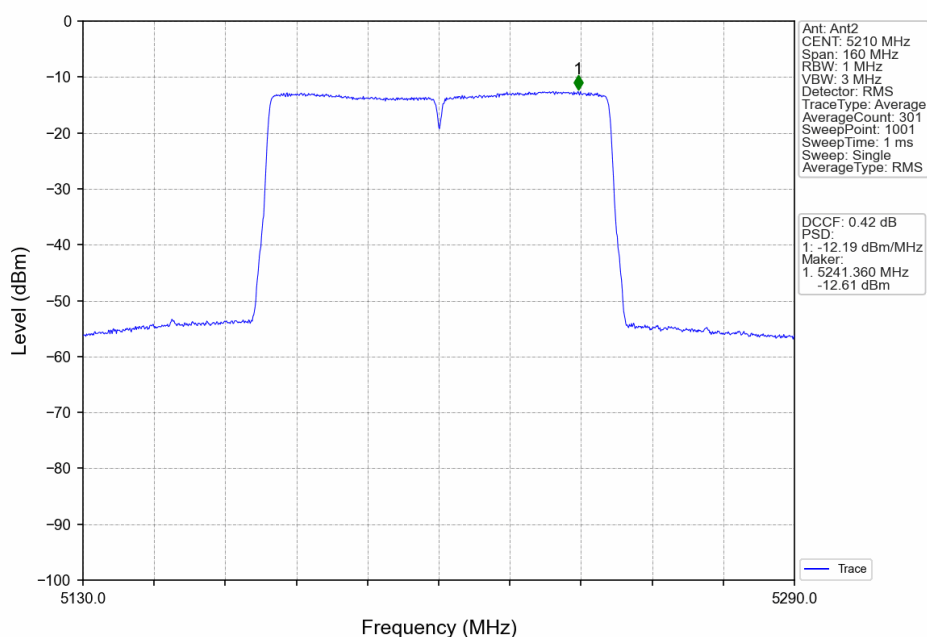
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802.11ac(VHT80)\_MCH\_5210MHz\_Ant1\_NTNV



802.11ac(VHT80)\_MCH\_5210MHz\_Ant2\_NTNV



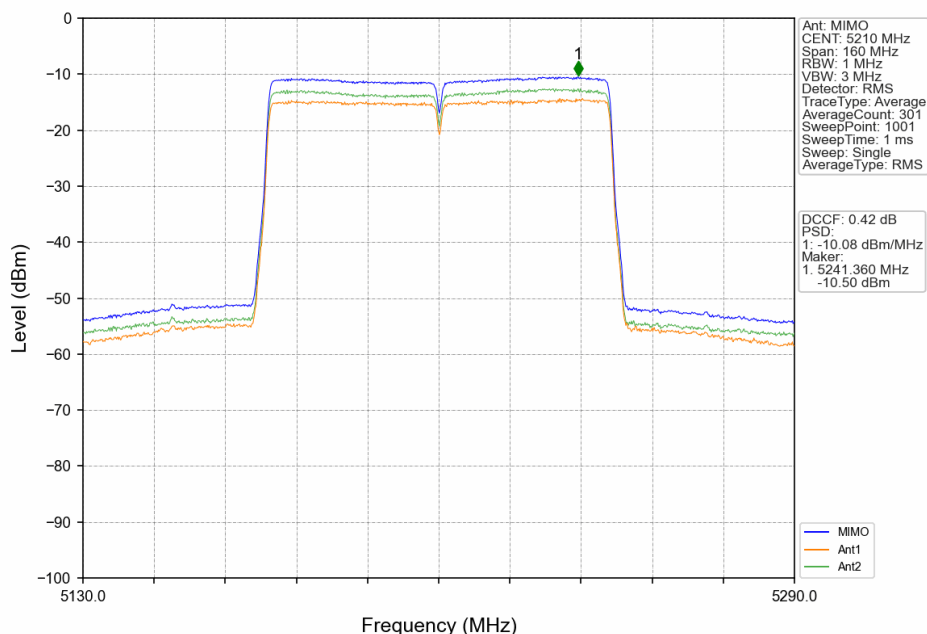
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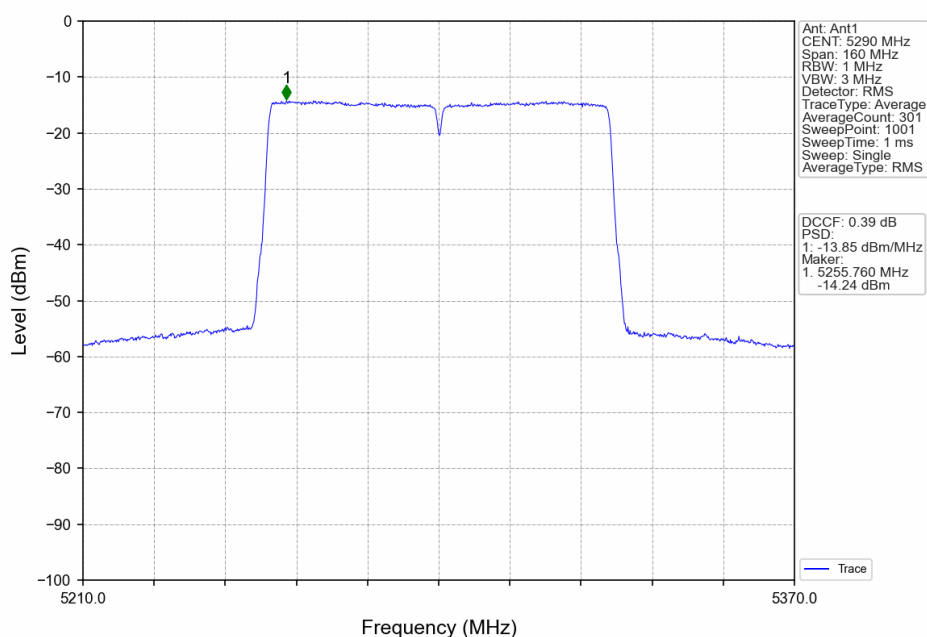
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802.11ac(VHT80)\_MCH\_5210MHz\_MIMO\_NTNV



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



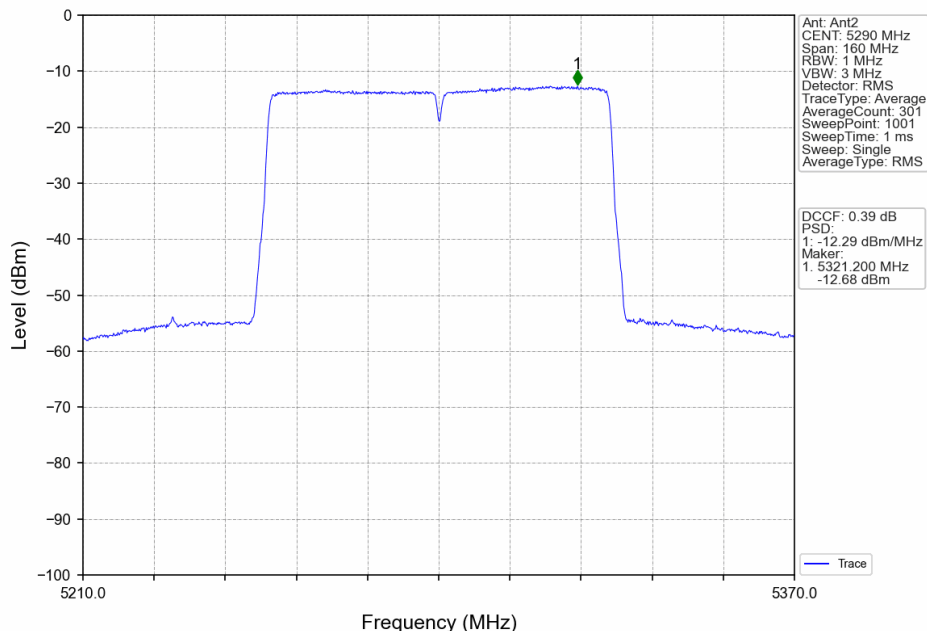
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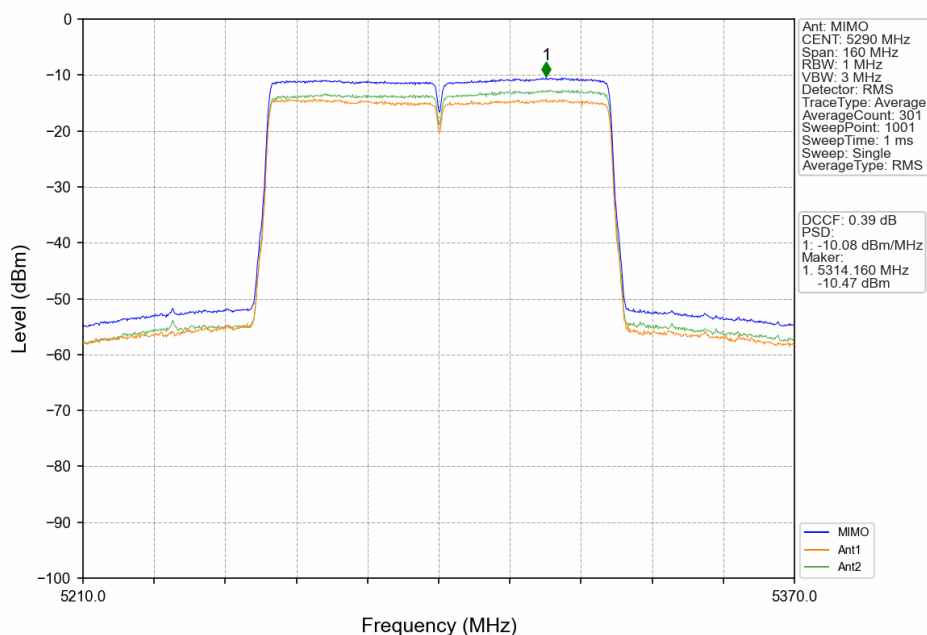
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802.11ac(VHT80)\_MCH\_5290MHz\_Ant2\_NTNV



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



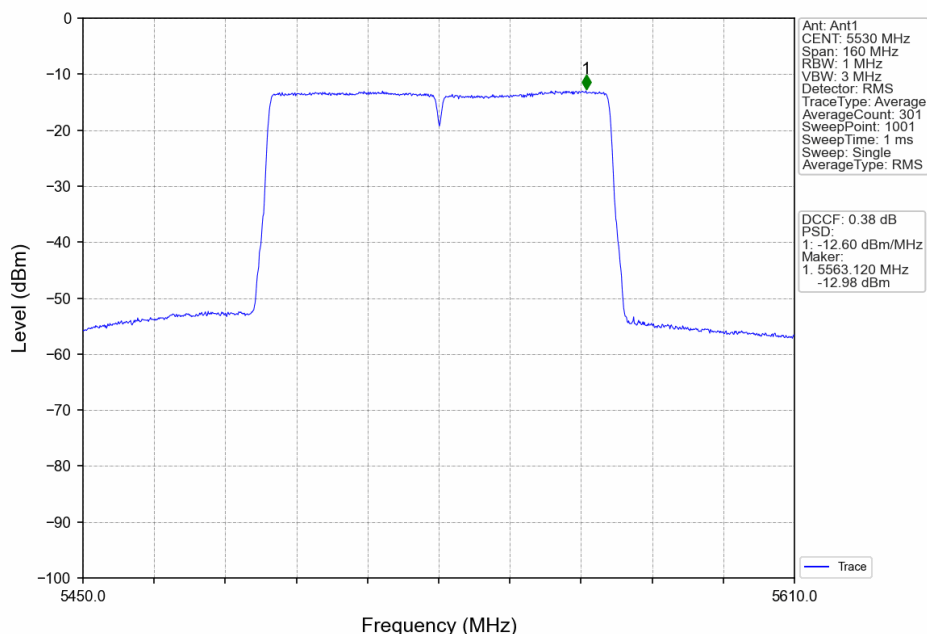
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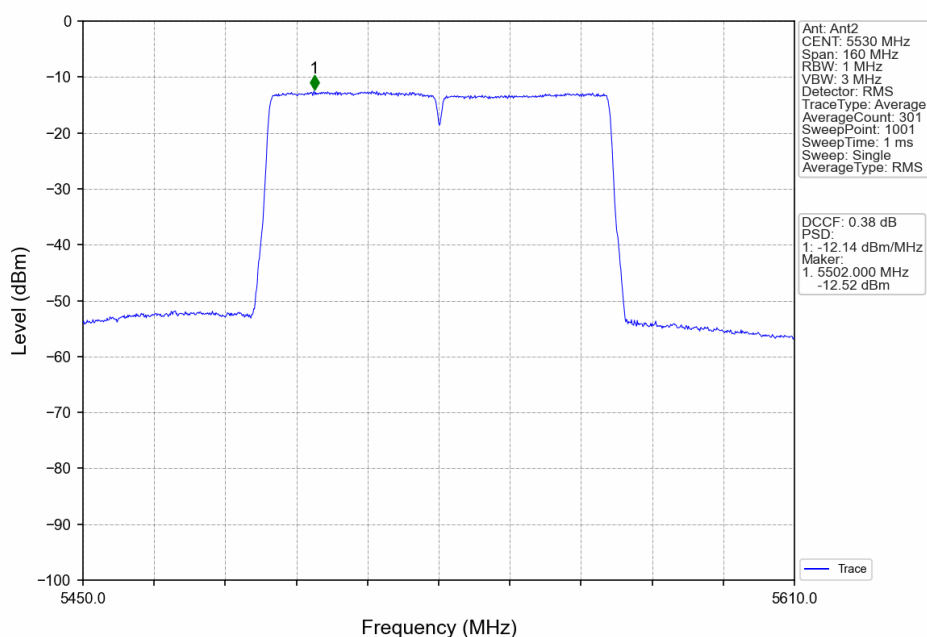
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802.11ac(VHT80)\_LCH\_5530MHz\_Ant1\_NTNV



802.11ac(VHT80)\_LCH\_5530MHz\_Ant2\_NTNV



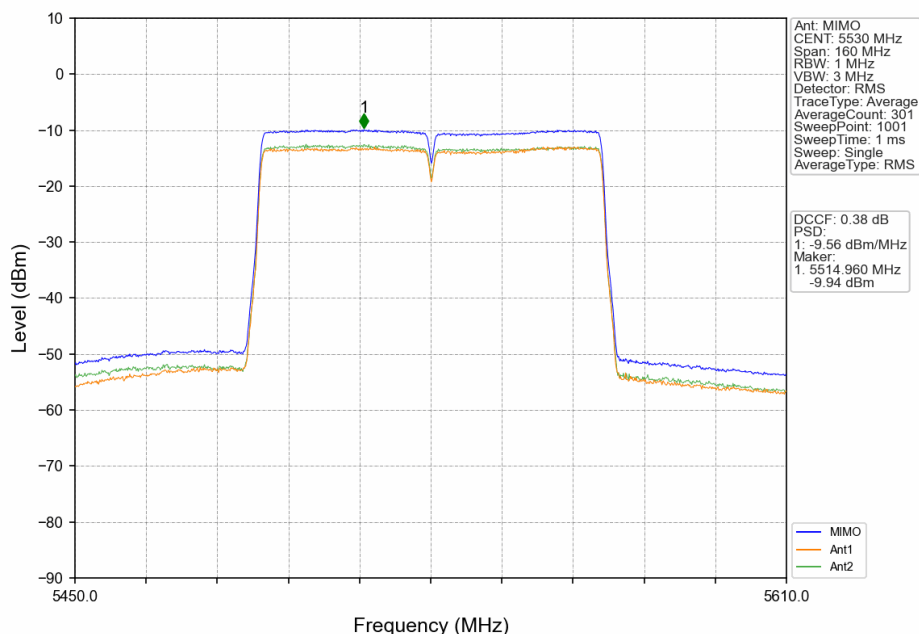
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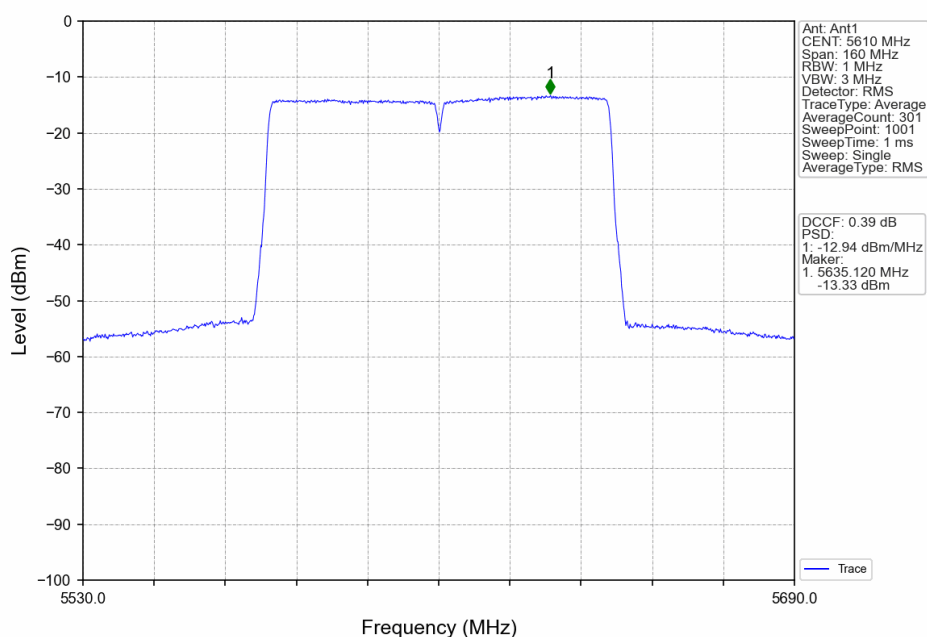
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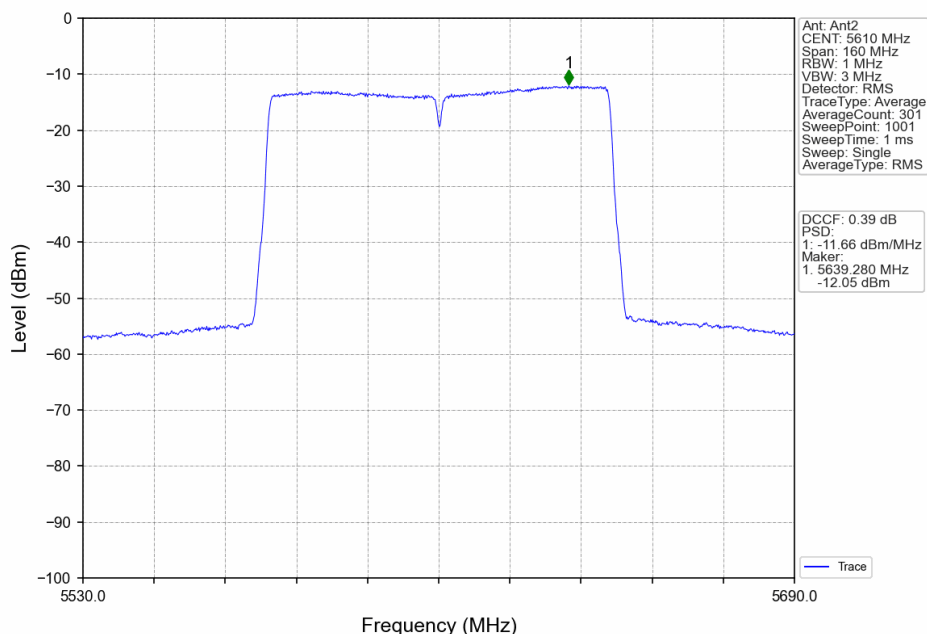
### 802.11ac(VHT80)\_LCH\_5530MHz\_MIMO\_NTNV



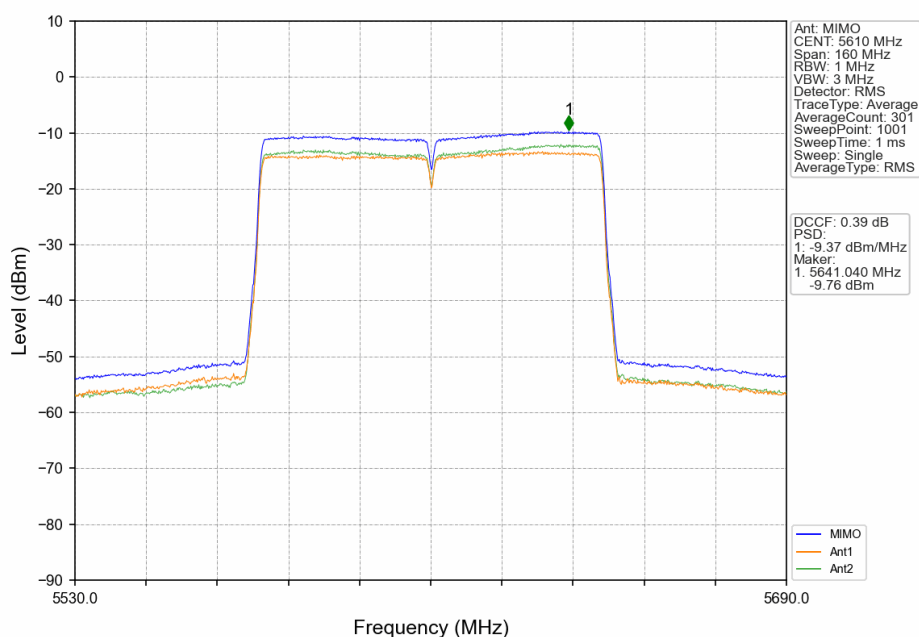
### 802.11ac(VHT80)\_HCH\_5610MHz\_Ant1\_NTNV



802.11ac(VHT80)\_HCH\_5610MHz\_Ant2\_NTNV



802.11ac(VHT80)\_HCH\_5610MHz\_MIMO\_NTNV



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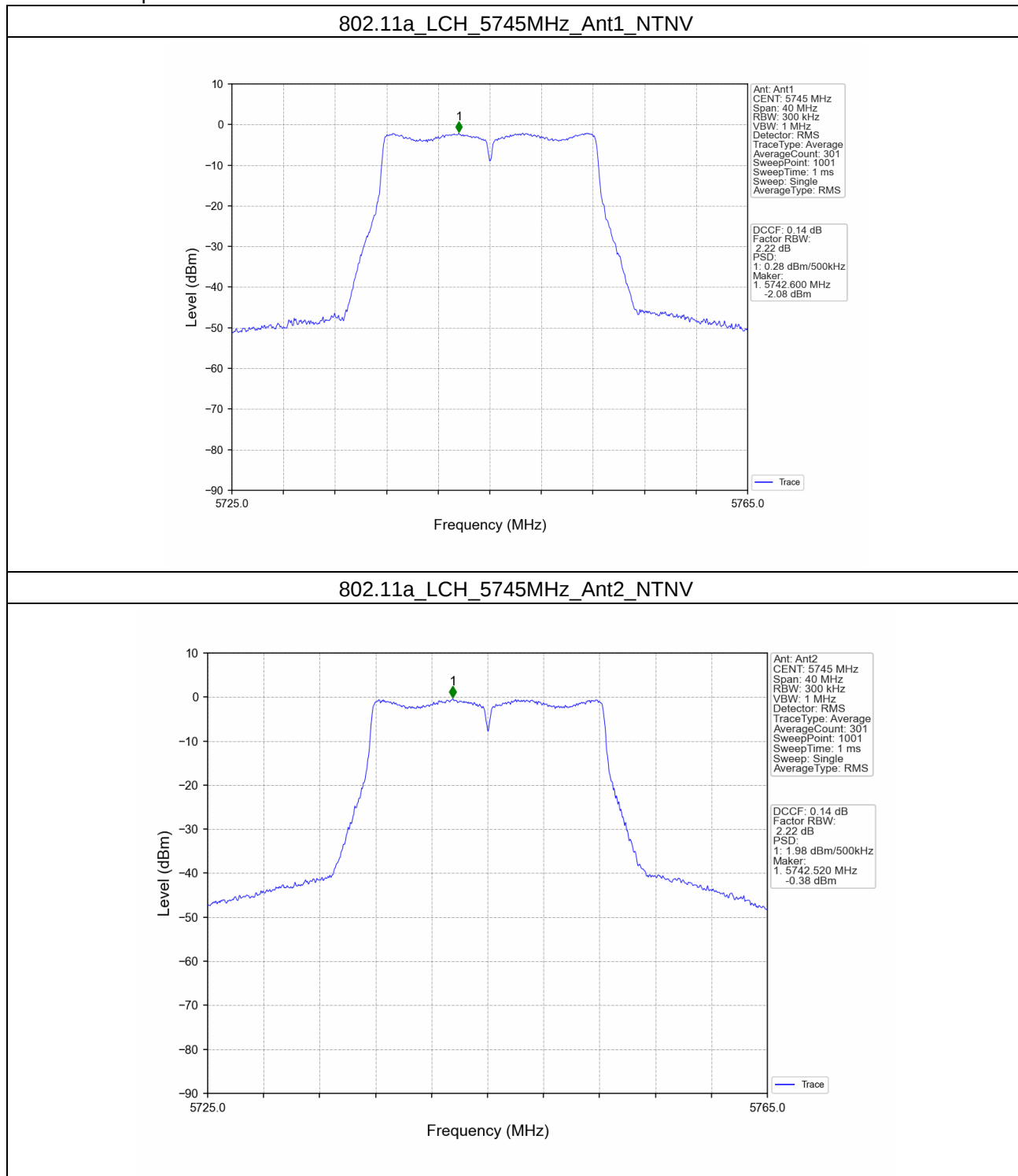
## 4.2 PSD-Band3

### 4.2.1 Test Result

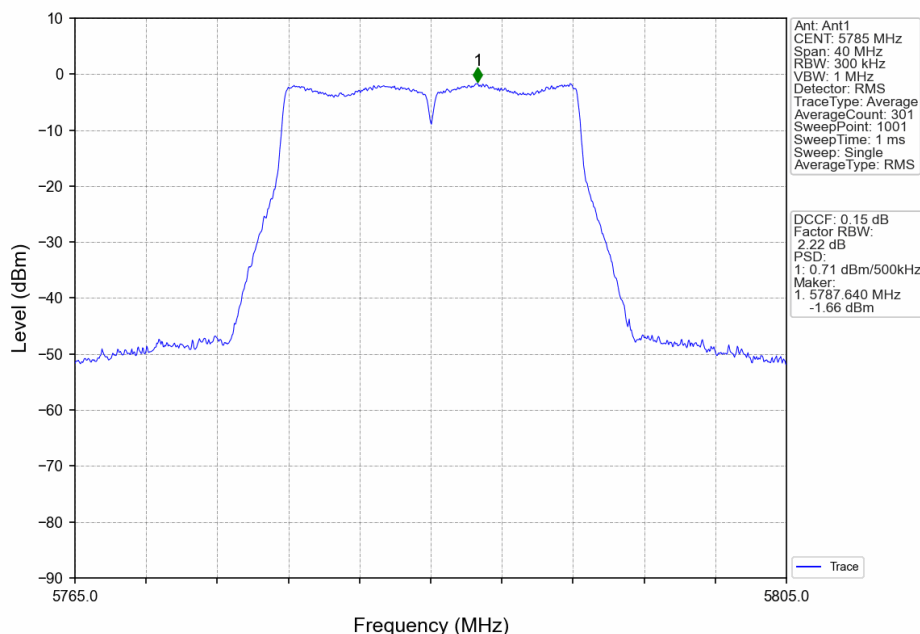
| Mode             | TX Type | Frequency (MHz) | Maximum PSD (dBm/500kHz) |        |        |       | Verdict |
|------------------|---------|-----------------|--------------------------|--------|--------|-------|---------|
|                  |         |                 | ANT1                     | ANT2   | MIMO   | Limit |         |
| 802.11a          | SISO    | 5745            | 0.28                     | 1.98   | /      | <=30  | Pass    |
|                  |         | 5785            | 0.71                     | 1.65   | /      | <=30  | Pass    |
|                  |         | 5825            | 1.01                     | 1.58   | /      | <=30  | Pass    |
| 802.11n (HT20)   | MIMO    | 5745            | -4.66                    | -3.45  | -1.04  | <=30  | Pass    |
|                  |         | 5785            | -4.41                    | -3.24  | -0.90  | <=30  | Pass    |
|                  |         | 5825            | -4.21                    | -3.61  | -1.05  | <=30  | Pass    |
| 802.11n (HT40)   | MIMO    | 5755            | -10.46                   | -9.17  | -6.85  | <=30  | Pass    |
|                  |         | 5795            | -10.02                   | -9.12  | -6.63  | <=30  | Pass    |
| 802.11ac (VHT20) | MIMO    | 5745            | -5.45                    | -4.34  | -1.90  | <=30  | Pass    |
|                  |         | 5785            | -5.42                    | -4.01  | -1.76  | <=30  | Pass    |
|                  |         | 5825            | -4.95                    | -4.45  | -1.85  | <=30  | Pass    |
| 802.11ac (VHT40) | MIMO    | 5755            | -10.39                   | -9.18  | -6.82  | <=30  | Pass    |
|                  |         | 5795            | -9.92                    | -9.12  | -6.51  | <=30  | Pass    |
| 802.11ac (VHT80) | MIMO    | 5775            | -16.16                   | -15.60 | -13.00 | <=30  | Pass    |



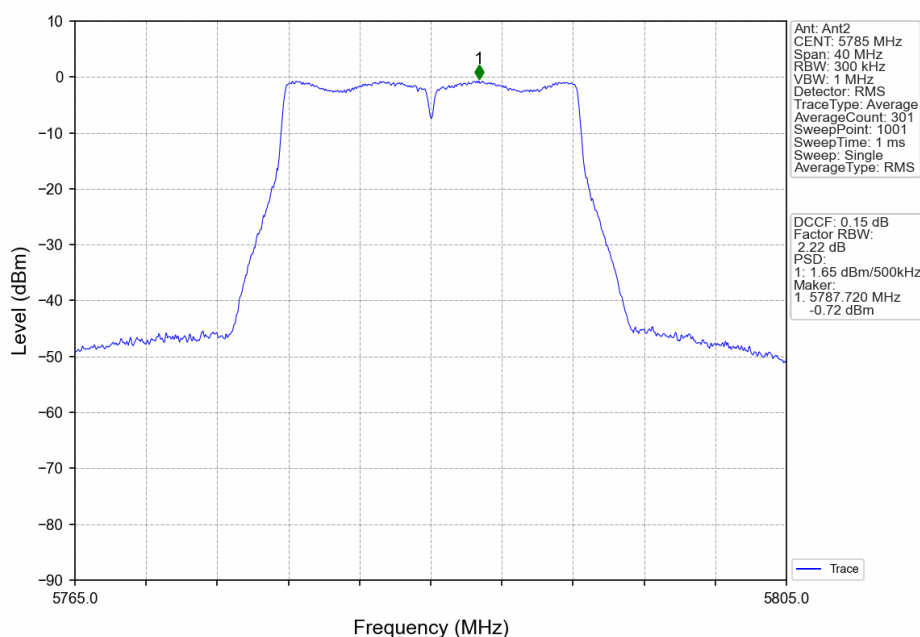
### 4.2.2 Test Graph



802.11a\_MCH\_5785MHz\_Ant1\_NTNV



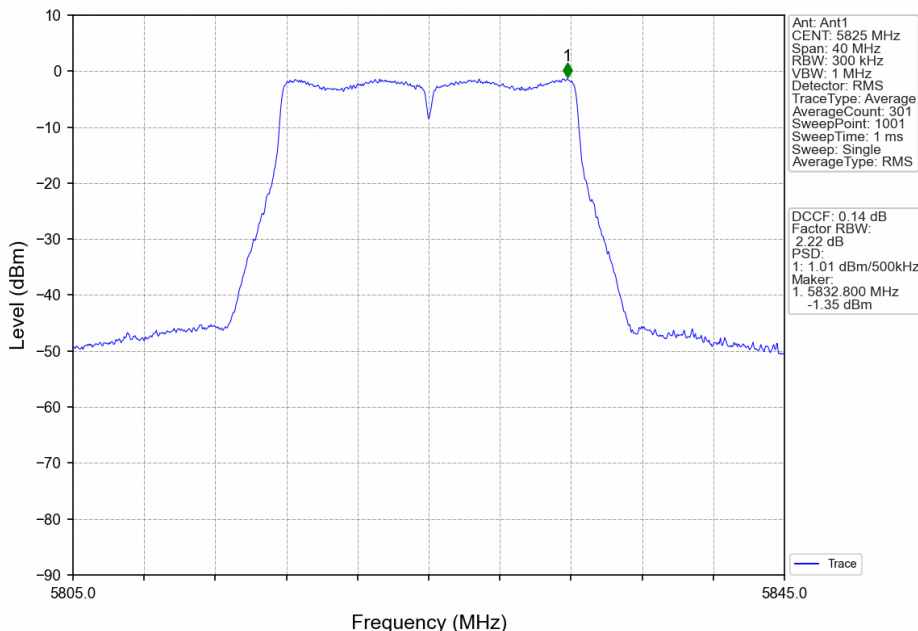
802.11a\_MCH\_5785MHz\_Ant2\_NTNV



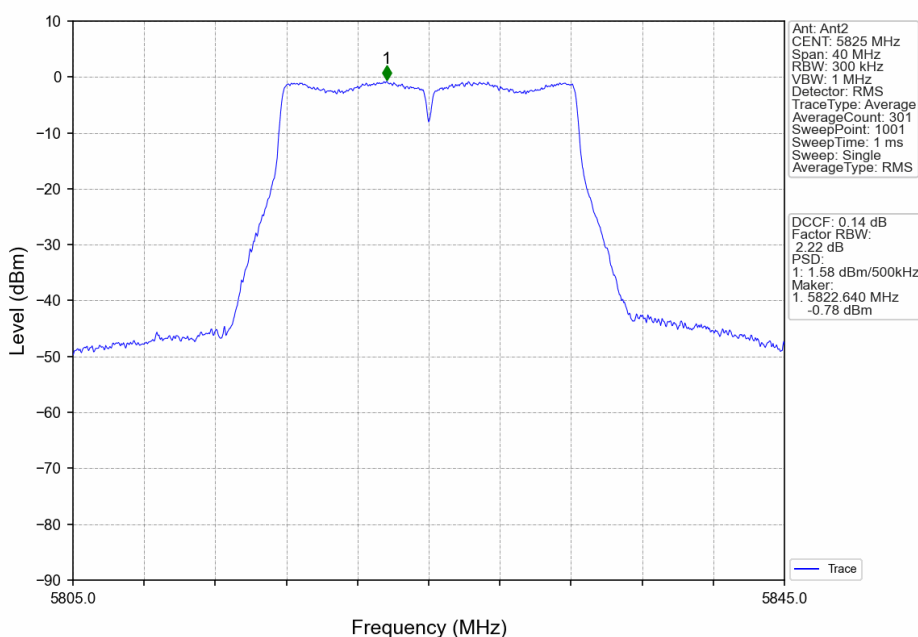
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802.11a\_HCH\_5825MHz\_Ant1\_NTNV



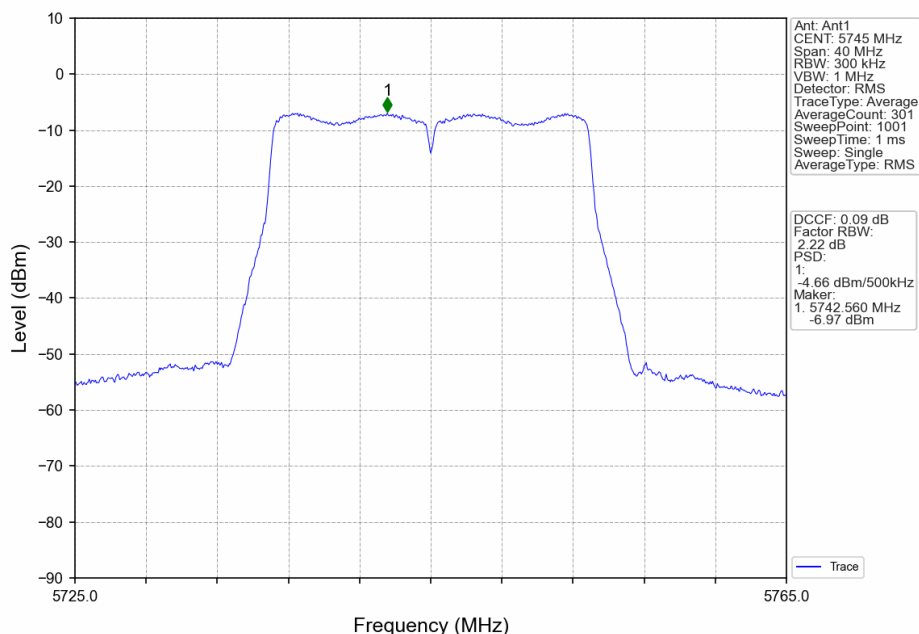
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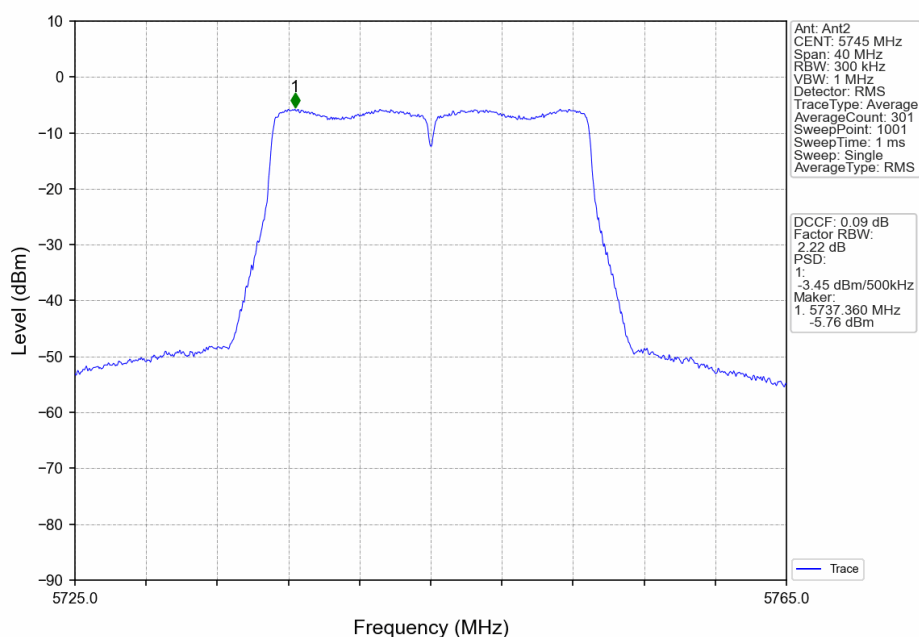
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802.11n(HT20)\_LCH\_5745MHz\_Ant1\_NTNV



802.11n(HT20)\_LCH\_5745MHz\_Ant2\_NTNV



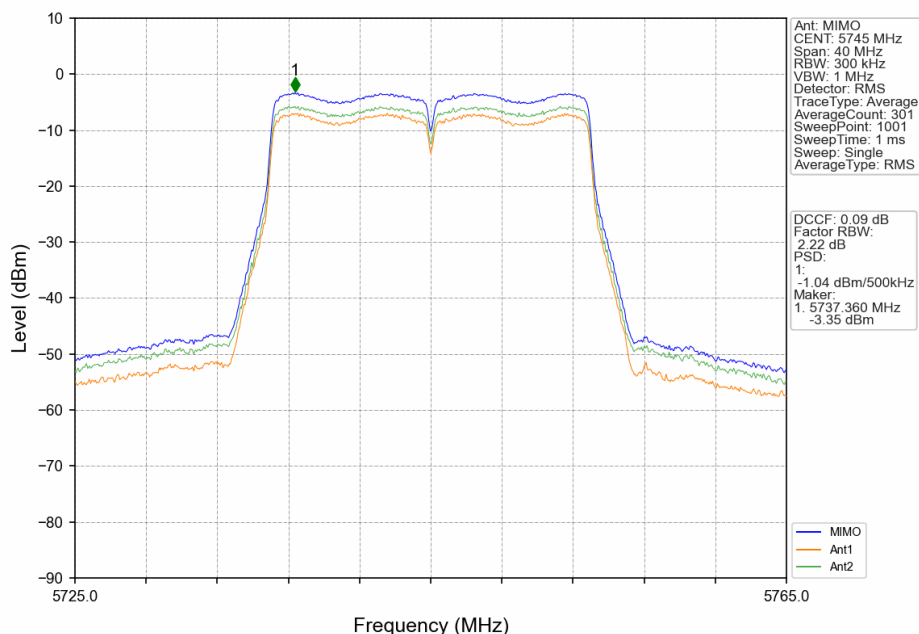
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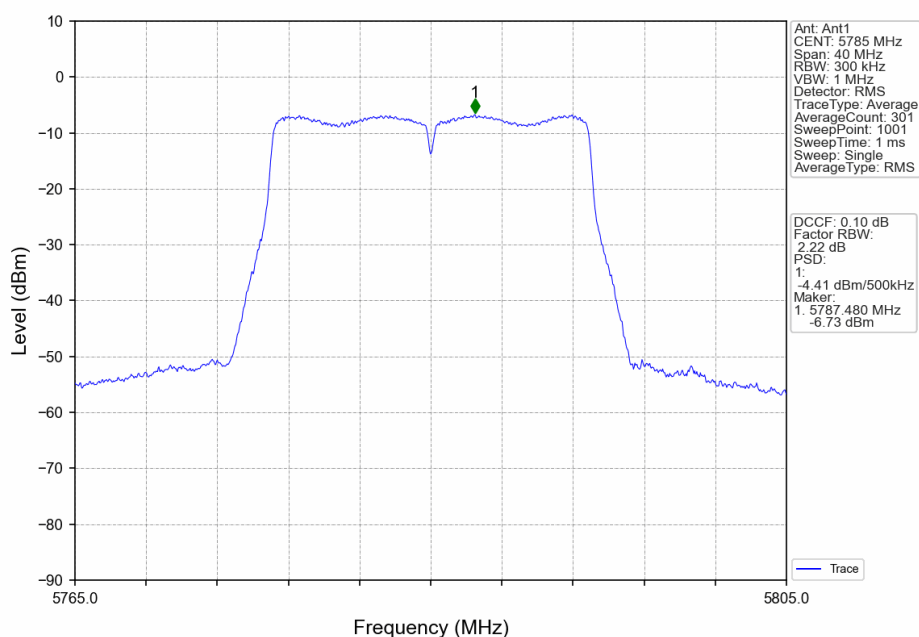
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802.11n(HT20)\_LCH\_5745MHz\_MIMO\_NTNV



802.11n(HT20)\_MCH\_5785MHz\_Ant1\_NTNV



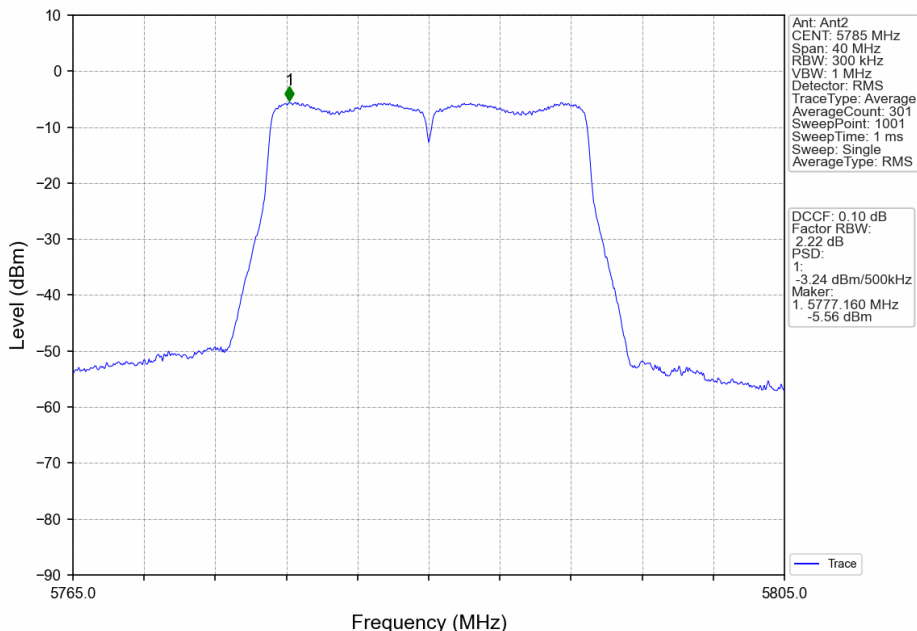
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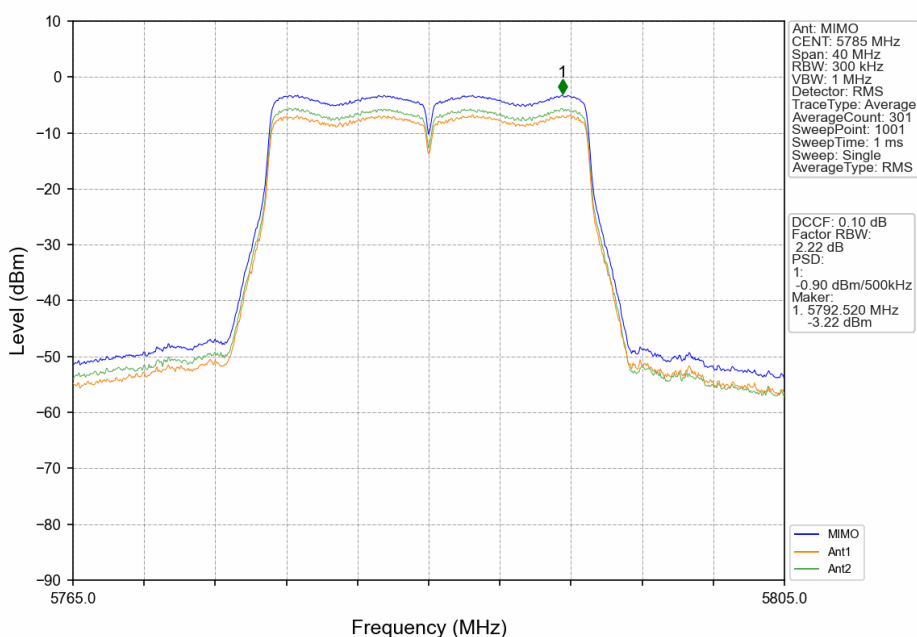
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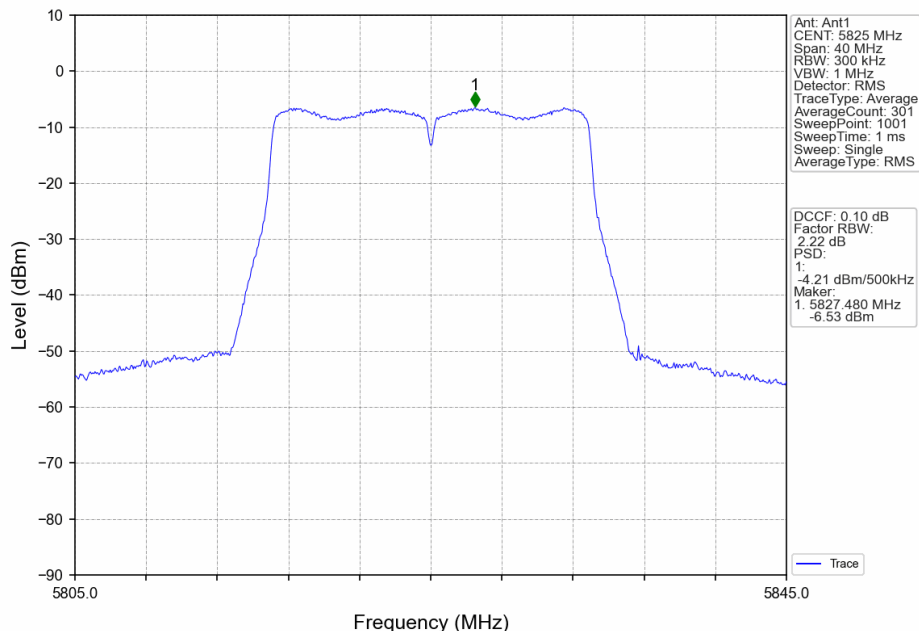
802.11n(HT20)\_MCH\_5785MHz\_Ant2\_NTNV



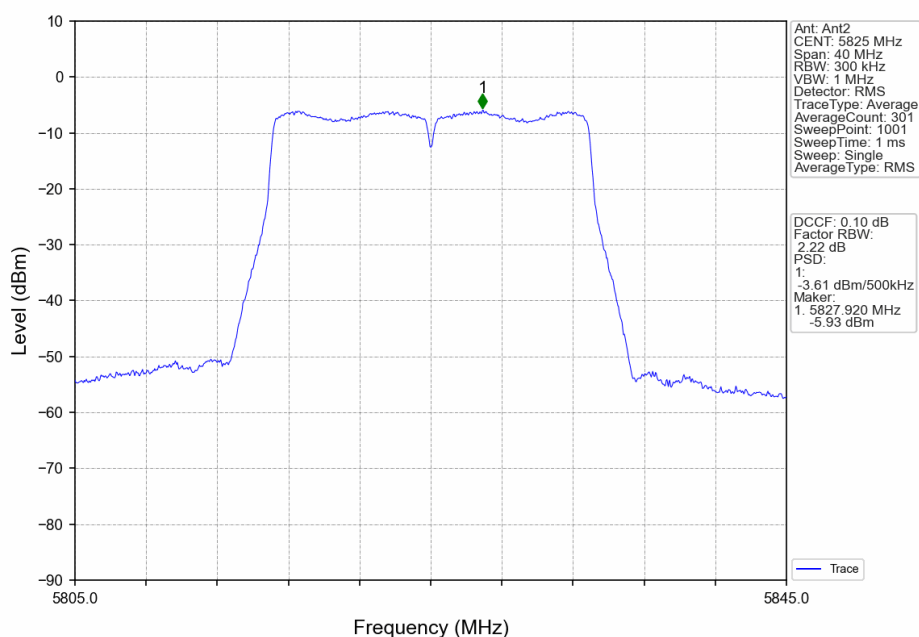
802.11n(HT20)\_MCH\_5785MHz\_MIMO\_NTNV



802.11n(HT20)\_HCH\_5825MHz\_Ant1\_NTNV



802.11n(HT20)\_HCH\_5825MHz\_Ant2\_NTNV



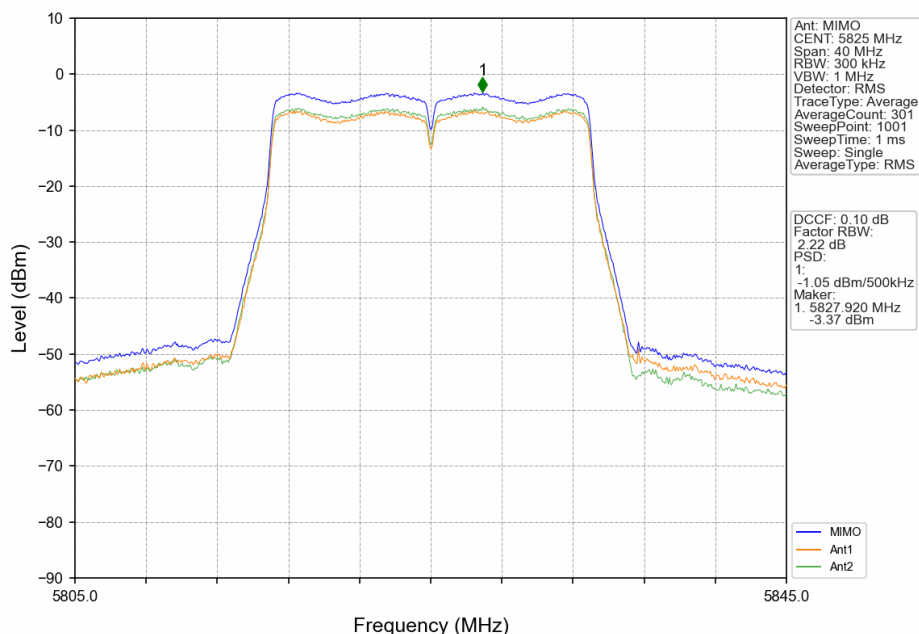
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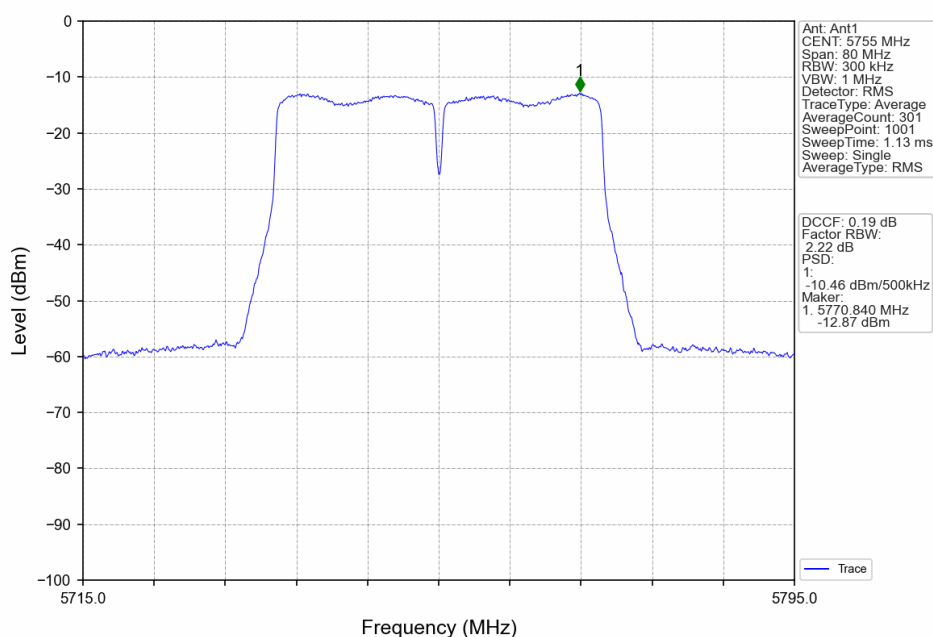
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802.11n(HT20)\_HCH\_5825MHz\_MIMO\_NTNV



802.11n(HT40)\_LCH\_5755MHz\_Ant1\_NTNV



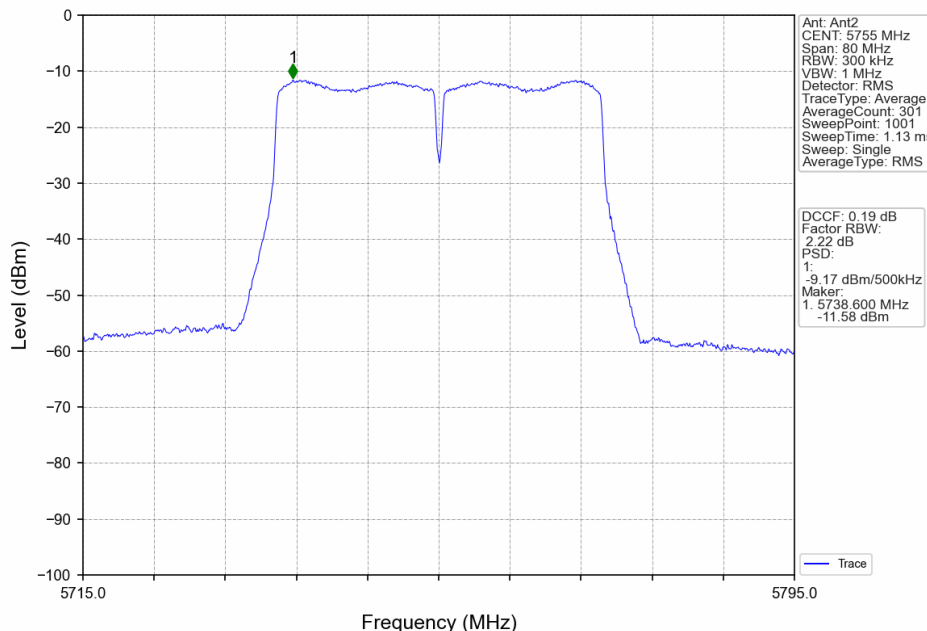
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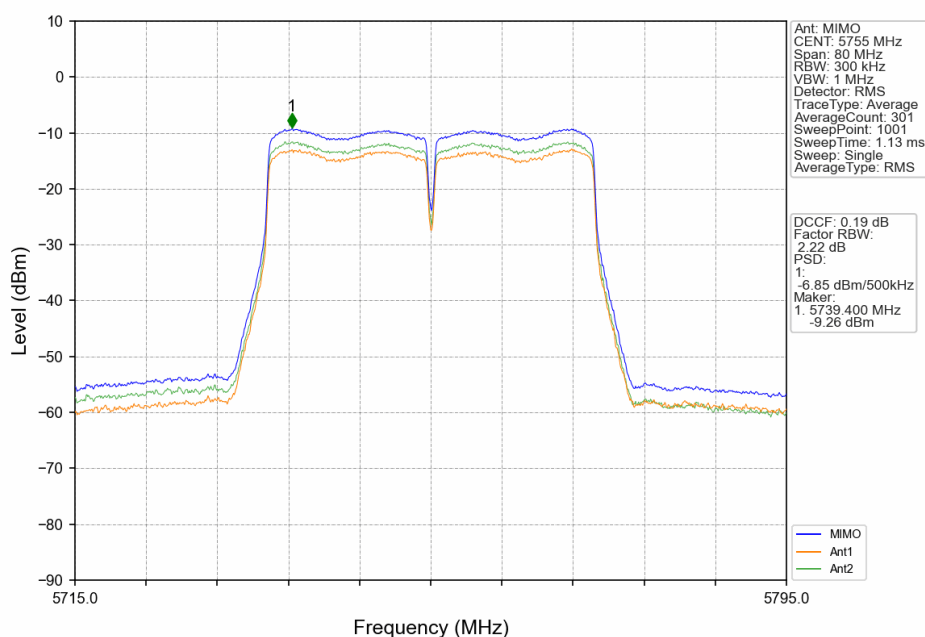
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802.11n(HT40)\_LCH\_5755MHz\_Ant2\_NTNV



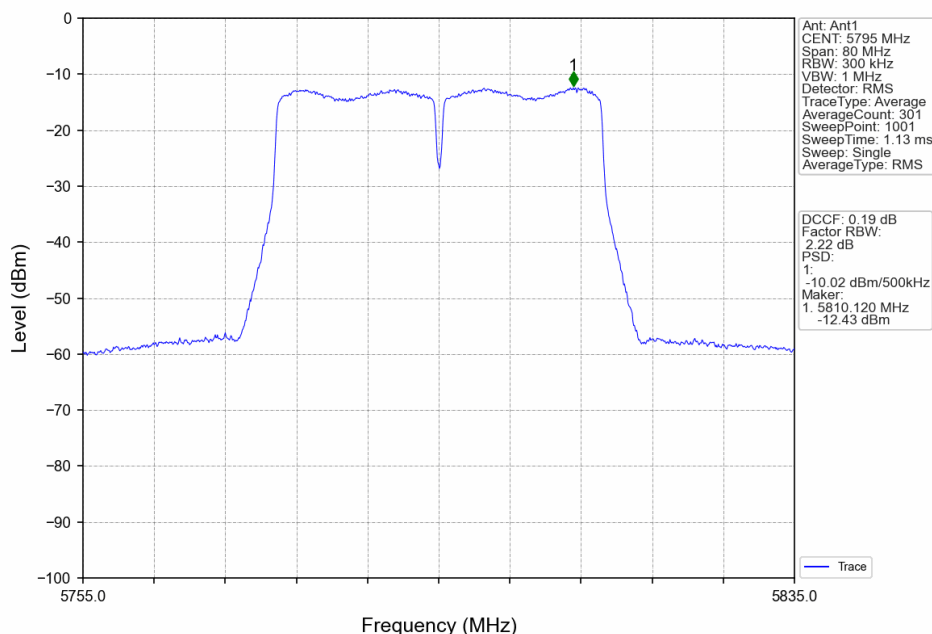
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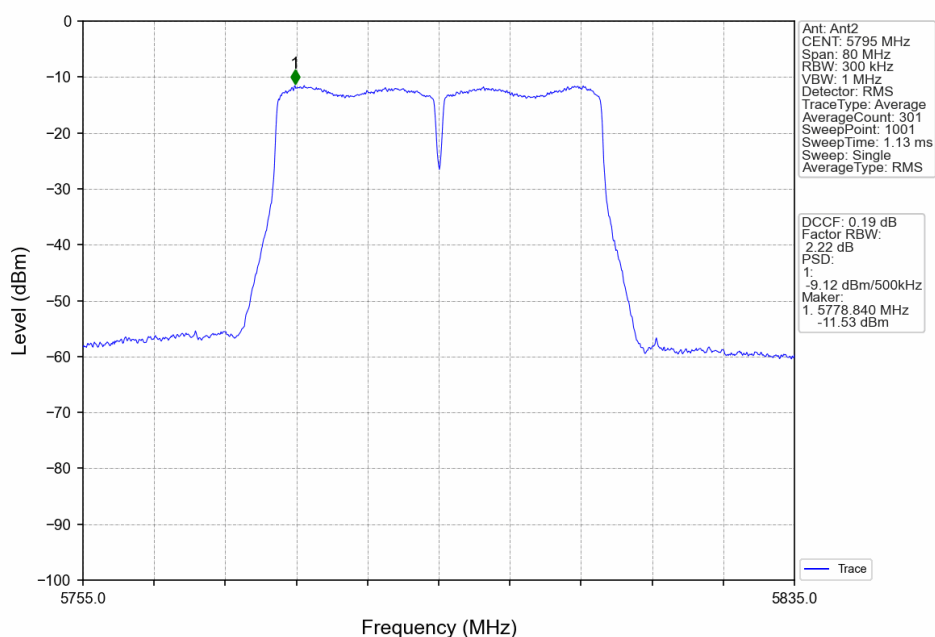
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802.11n(HT40)\_HCH\_5795MHz\_Ant2\_NTNV



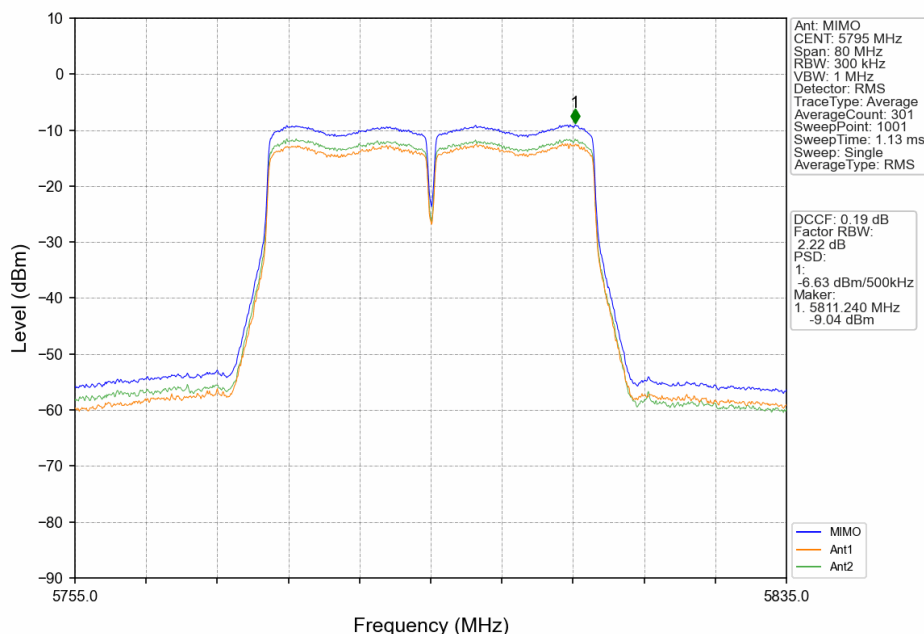
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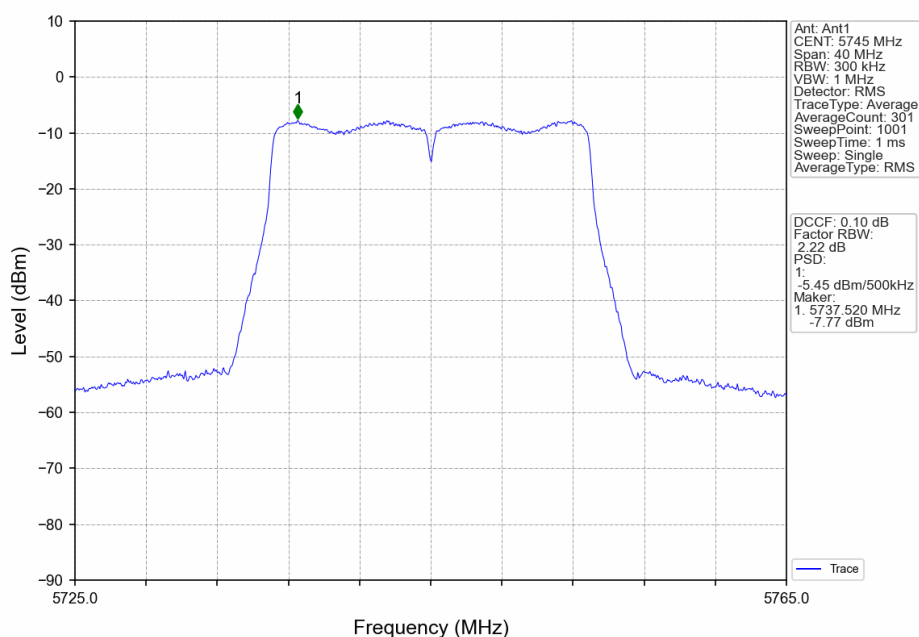
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### 802.11n(HT40)\_HCH\_5795MHz\_MIMO\_NTNV



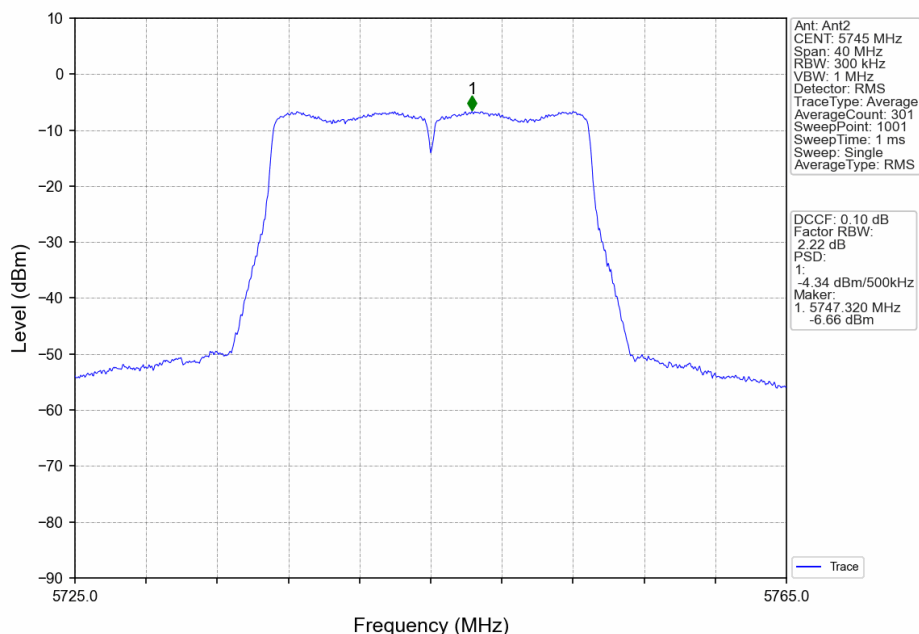
### 802.11ac(VHT20)\_LCH\_5745MHz\_Ant1\_NTNV



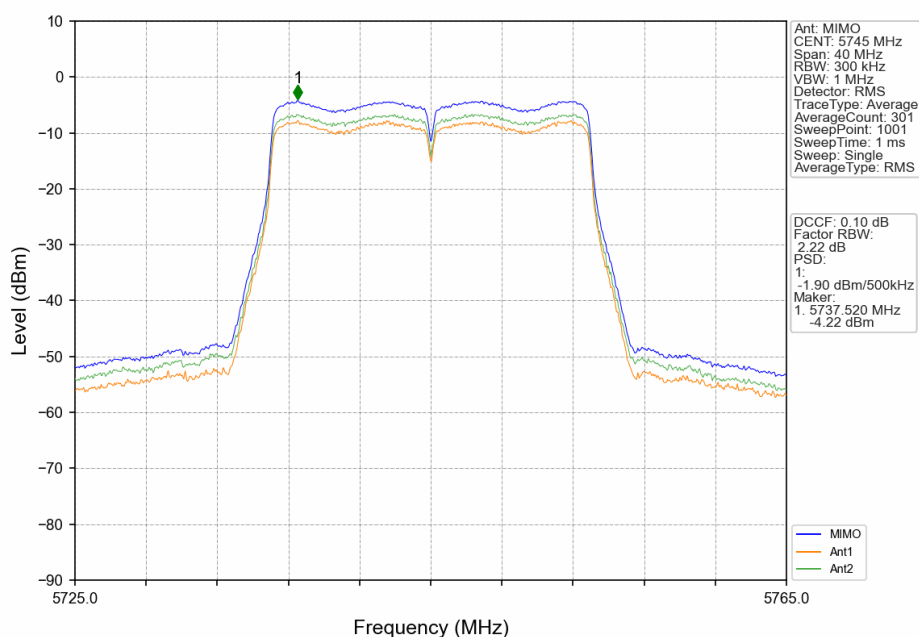
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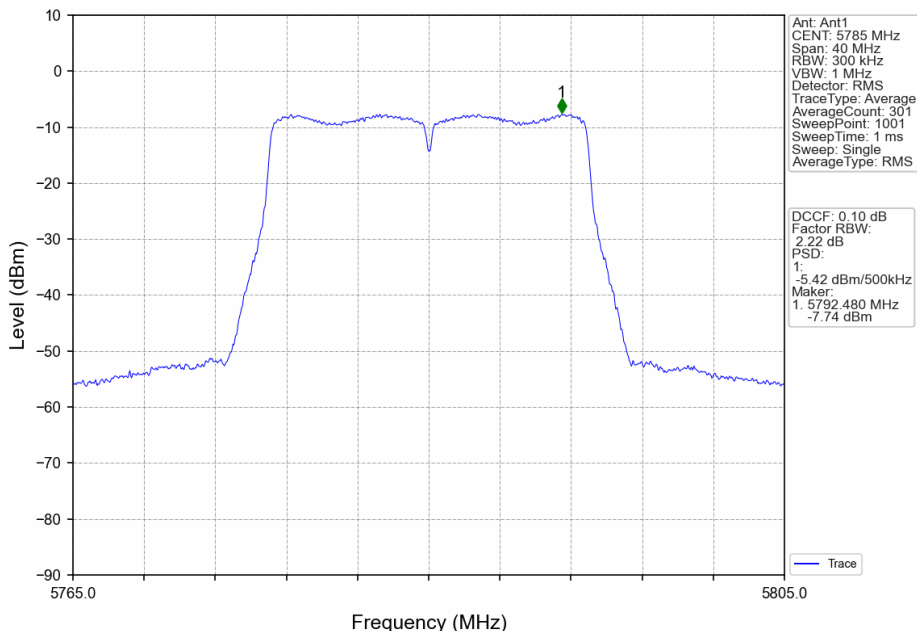
802.11ac(VHT20)\_LCH\_5745MHz\_Ant2\_NTNV



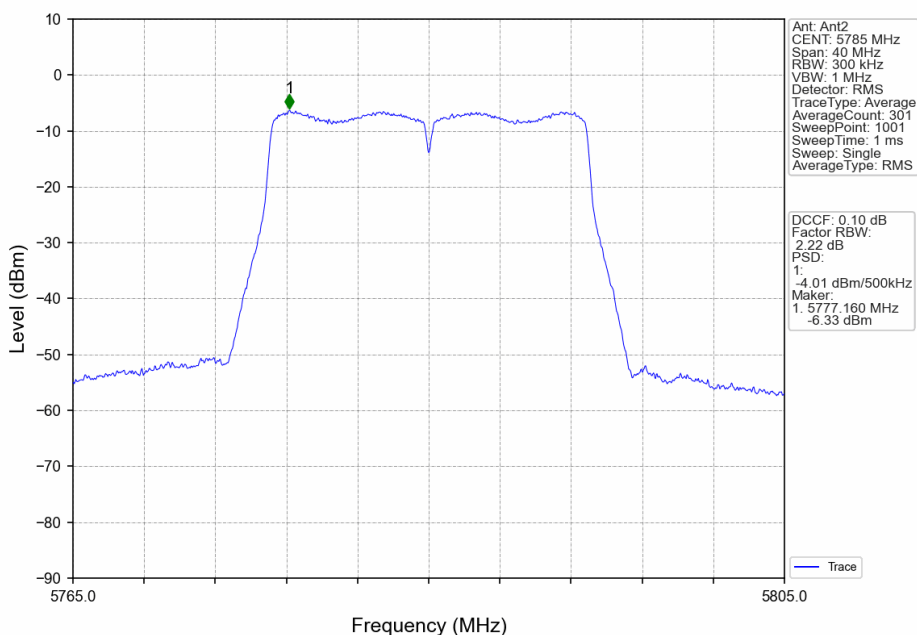
802.11ac(VHT20)\_LCH\_5745MHz\_MIMO\_NTNV



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



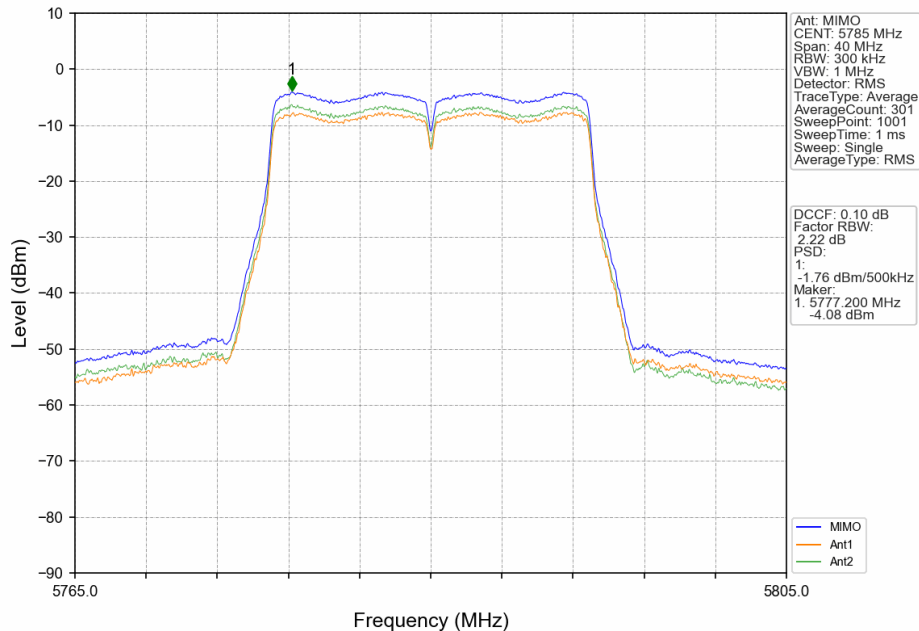
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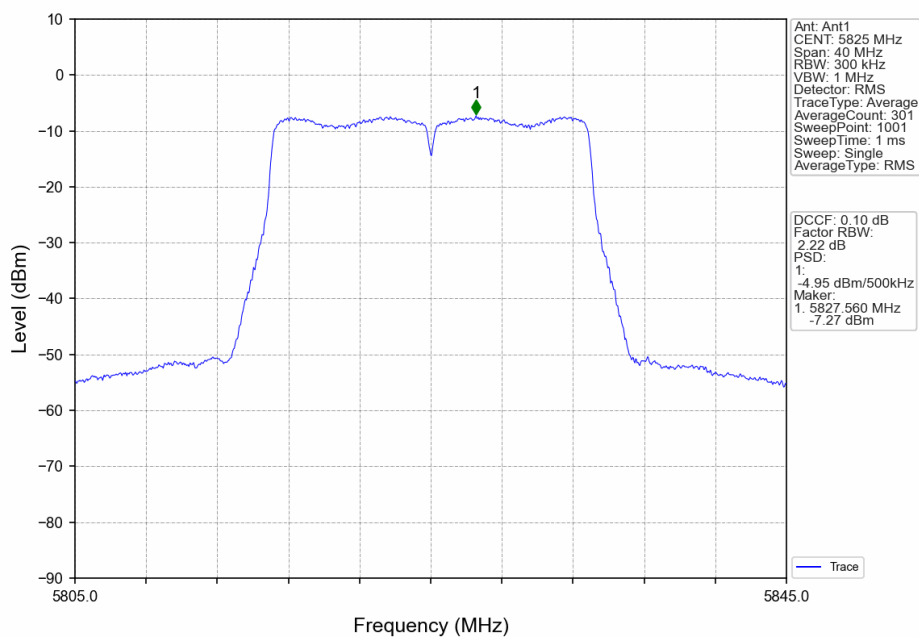
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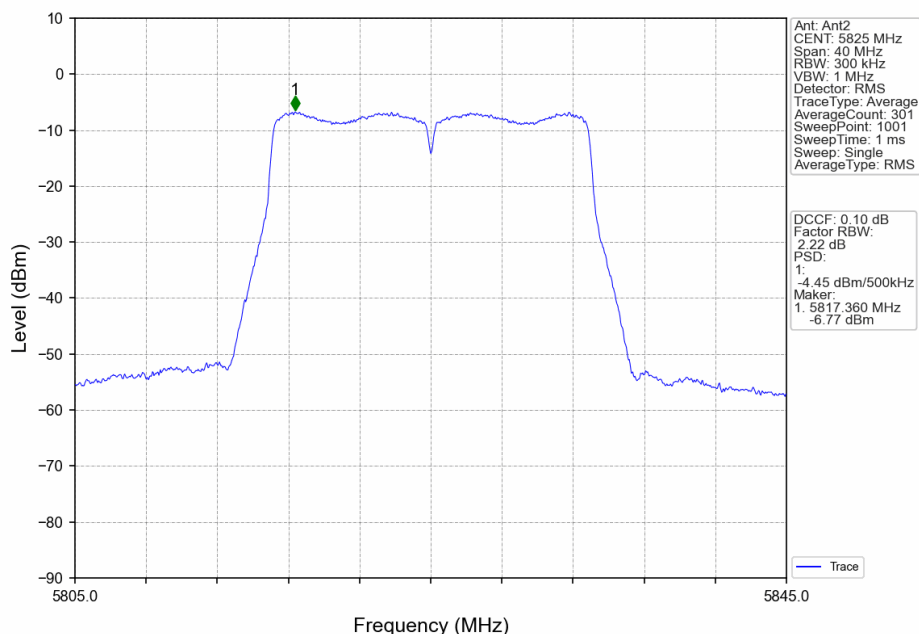
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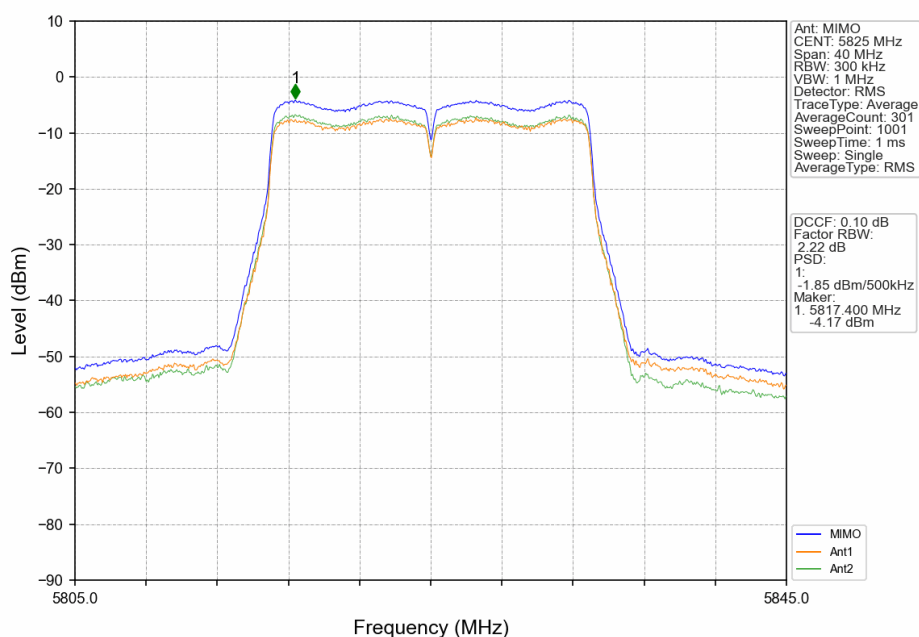
802.11ac(VHT20)\_HCH\_5825MHz\_Ant1\_NTNV



802.11ac(VHT20)\_HCH\_5825MHz\_Ant2\_NTNV



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



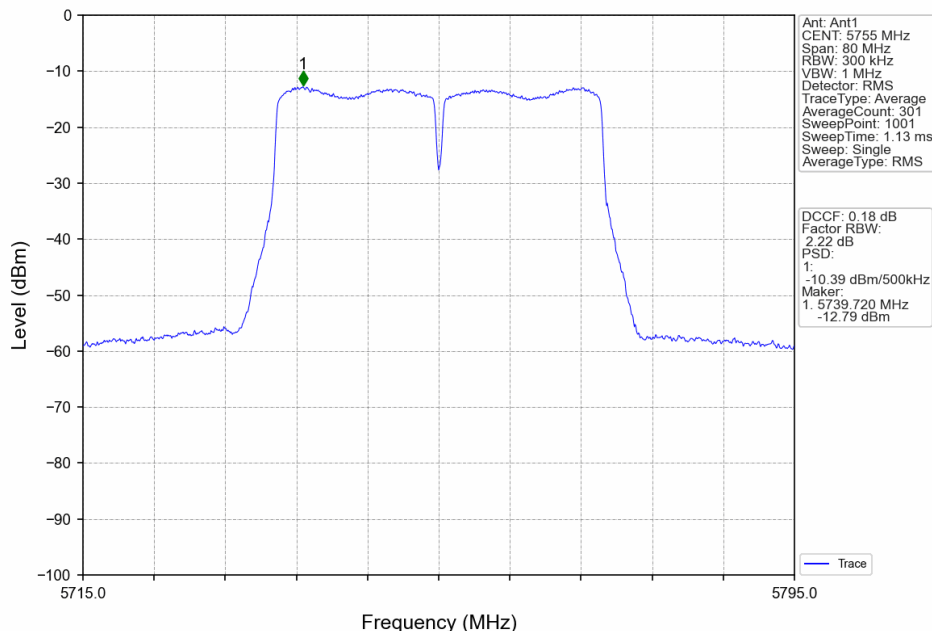
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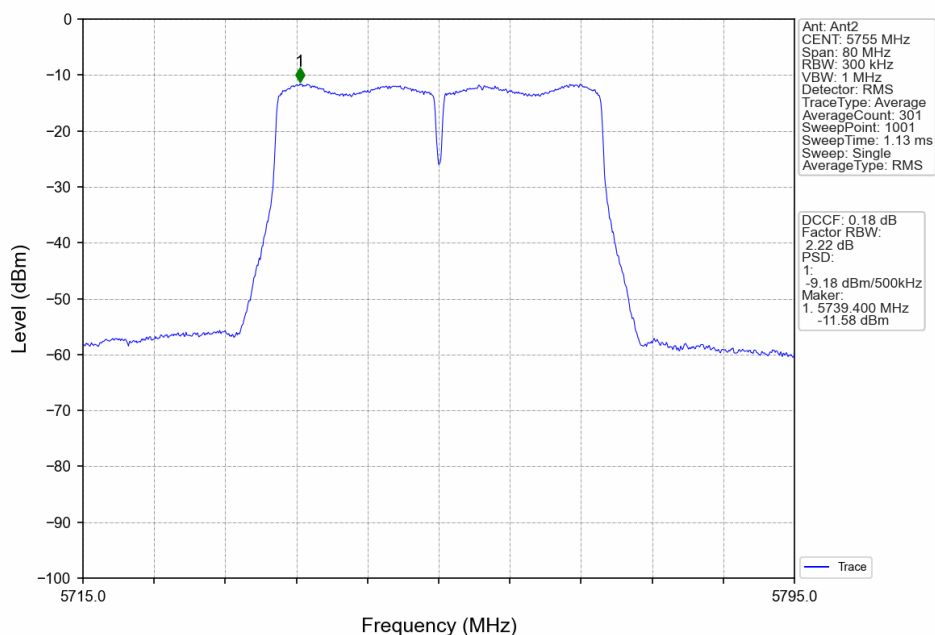
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802.11ac(VHT40)\_LCH\_5755MHz\_Ant1\_NTNV



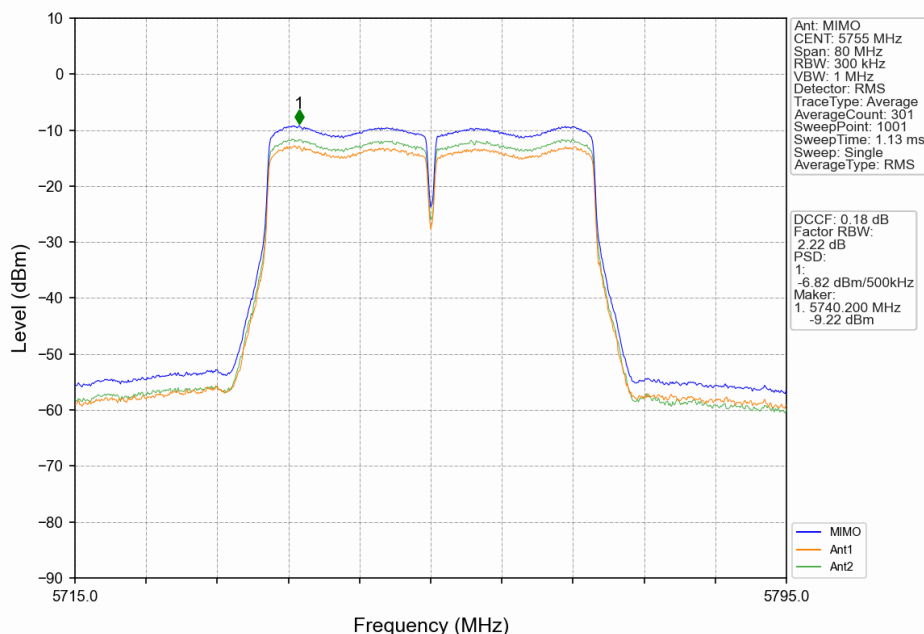
802.11ac(VHT40)\_LCH\_5755MHz\_Ant2\_NTNV



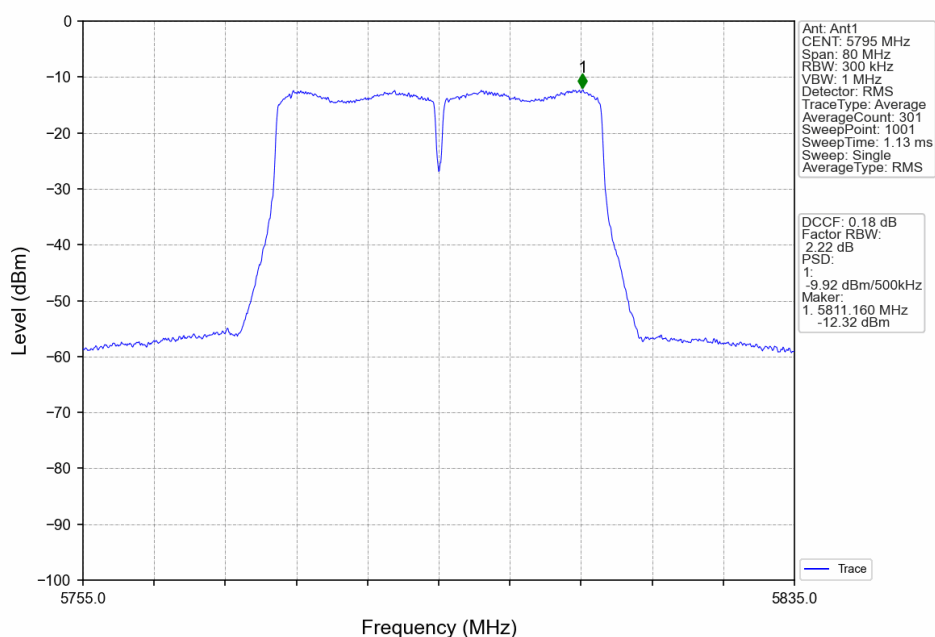
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### 802.11ac(VHT40)\_LCH\_5755MHz\_MIMO\_NTNV



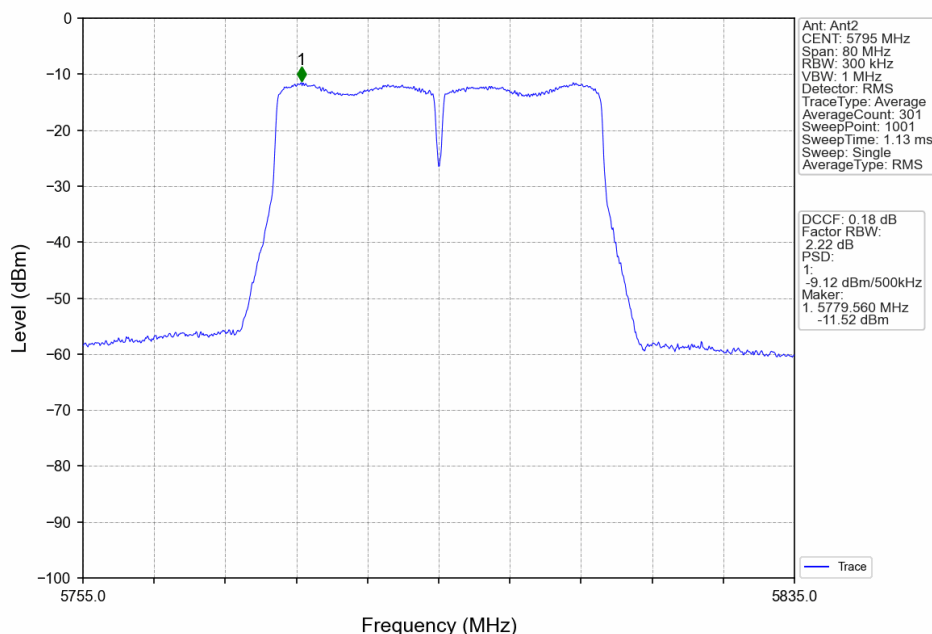
### 802.11ac(VHT40)\_HCH\_5795MHz\_Ant1\_NTNV



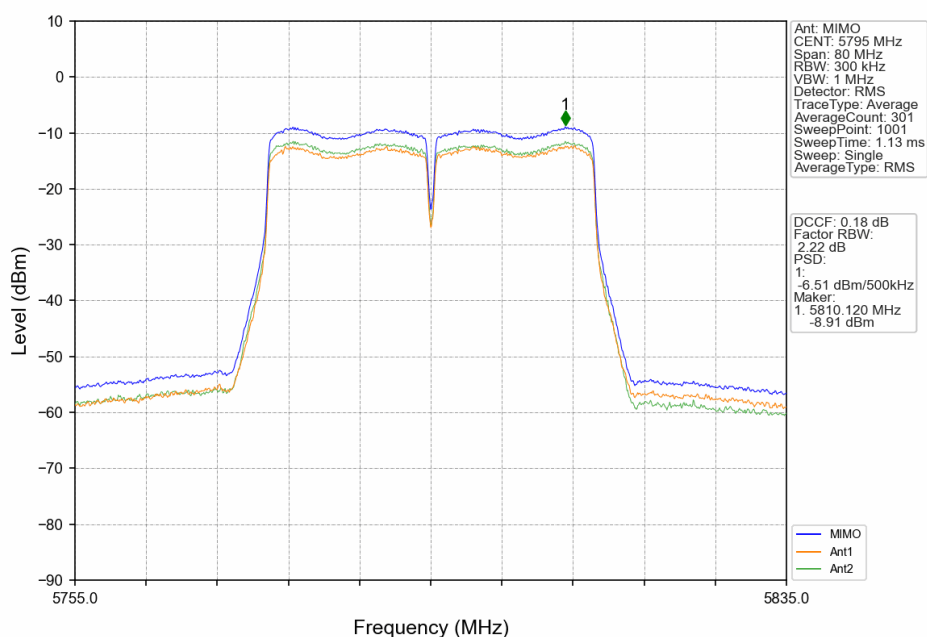
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802.11ac(VHT40)\_HCH\_5795MHz\_Ant2\_NTNV



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



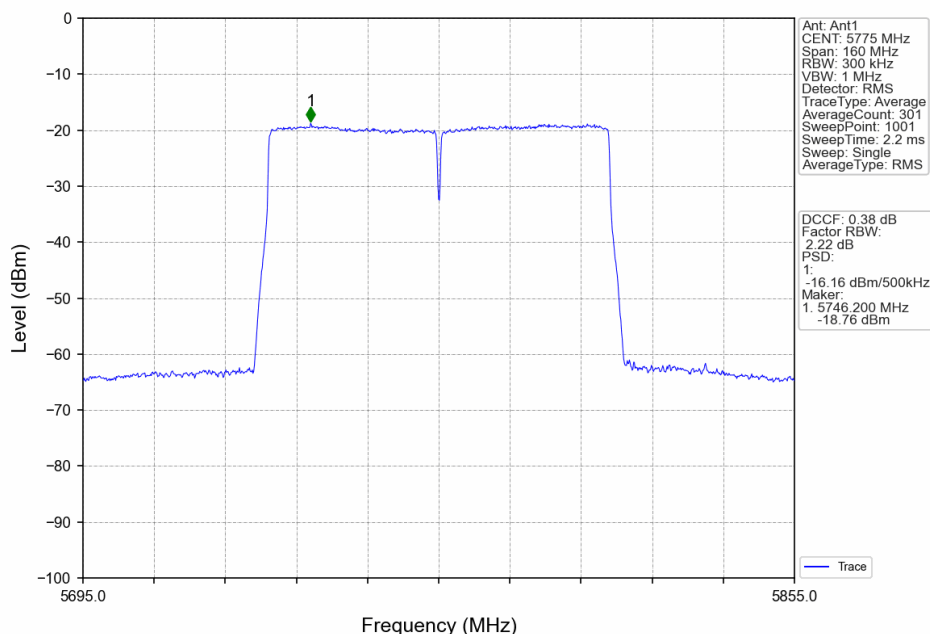
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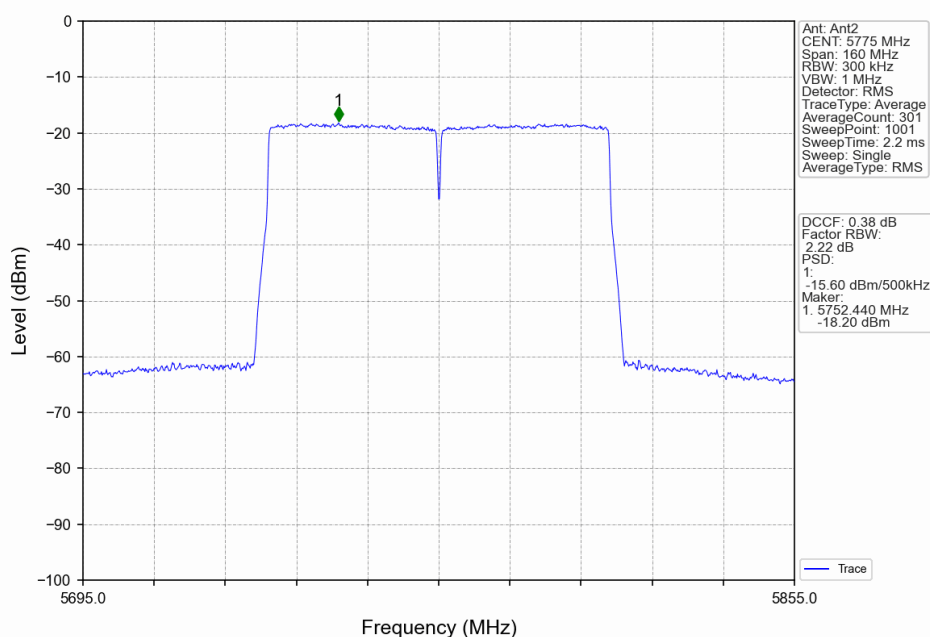
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802.11ac(VHT80)\_MCH\_5775MHz\_Ant1\_NTNV



802.11ac(VHT80)\_MCH\_5775MHz\_Ant2\_NTNV



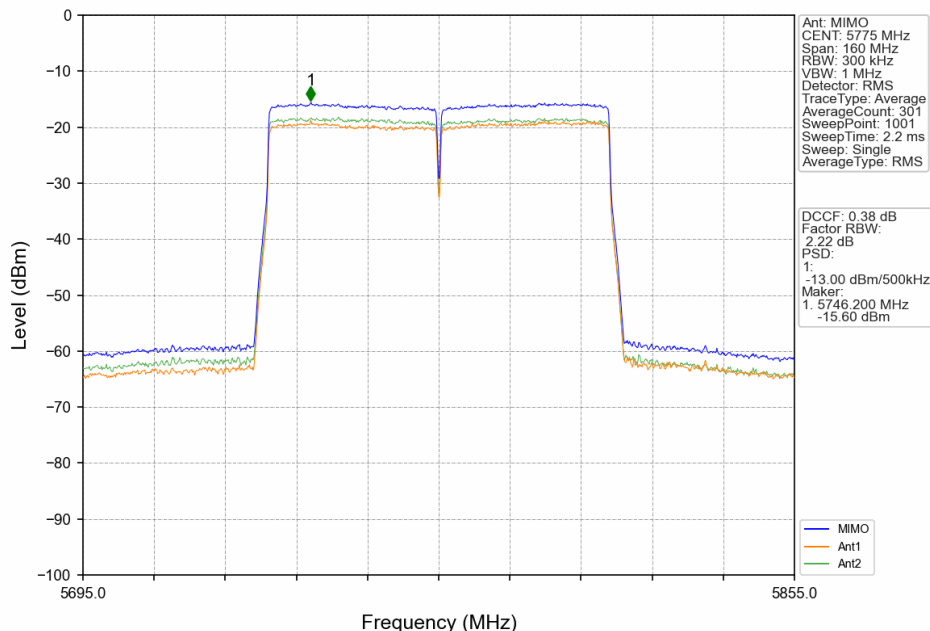
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### 802.11ac(VHT80)\_MCH\_5775MHz\_MIMO\_NTNV



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### 5. Frequency Stability

#### 5.1 Ant1

##### 5.1.1 Test Result

| Ant1    |         |                 |                  |               |                          |              |         |
|---------|---------|-----------------|------------------|---------------|--------------------------|--------------|---------|
| Mode    | TX Type | Frequency (MHz) | Temperature (°C) | Voltage (VAC) | Measured Frequency (MHz) | Limit (MHz)  | Verdict |
| 802.11a | SISO    | 5180            | 20               | 102           | 5180.020                 | 5150 to 5250 | Pass    |
|         |         |                 |                  | 120           | 5179.980                 | 5150 to 5250 | Pass    |
|         |         |                 |                  | 138           | 5180.020                 | 5150 to 5250 | Pass    |
|         |         |                 | -10              | 120           | 5180.000                 | 5150 to 5250 | Pass    |
|         |         |                 | 0                | 120           | 5179.980                 | 5150 to 5250 | Pass    |
|         |         |                 | 10               | 120           | 5179.980                 | 5150 to 5250 | Pass    |
|         |         |                 | 30               | 120           | 5179.960                 | 5150 to 5250 | Pass    |
|         |         |                 | 40               | 120           | 5180.020                 | 5150 to 5250 | Pass    |
|         |         |                 | 50               | 120           | 5180.000                 | 5150 to 5250 | Pass    |
|         |         | 5200            | 20               | 102           | 5200.000                 | 5150 to 5250 | Pass    |
|         |         |                 |                  | 120           | 5200.020                 | 5150 to 5250 | Pass    |
|         |         |                 |                  | 138           | 5200.020                 | 5150 to 5250 | Pass    |
|         |         |                 | -10              | 120           | 5200.060                 | 5150 to 5250 | Pass    |
|         |         |                 | 0                | 120           | 5200.020                 | 5150 to 5250 | Pass    |
|         |         |                 | 10               | 120           | 5200.000                 | 5150 to 5250 | Pass    |
|         |         |                 | 30               | 120           | 5200.020                 | 5150 to 5250 | Pass    |
|         |         |                 | 40               | 120           | 5200.020                 | 5150 to 5250 | Pass    |
|         |         |                 | 50               | 120           | 5200.040                 | 5150 to 5250 | Pass    |
|         |         | 5240            | 20               | 102           | 5240.000                 | 5150 to 5250 | Pass    |
|         |         |                 |                  | 120           | 5240.000                 | 5150 to 5250 | Pass    |
|         |         |                 |                  | 138           | 5240.020                 | 5150 to 5250 | Pass    |
|         |         |                 | -10              | 120           | 5240.080                 | 5150 to 5250 | Pass    |
|         |         |                 | 0                | 120           | 5240.020                 | 5150 to 5250 | Pass    |
|         |         |                 | 10               | 120           | 5240.020                 | 5150 to 5250 | Pass    |
|         |         |                 | 30               | 120           | 5240.000                 | 5150 to 5250 | Pass    |
|         |         |                 | 40               | 120           | 5240.040                 | 5150 to 5250 | Pass    |
|         |         |                 | 50               | 120           | 5240.020                 | 5150 to 5250 | Pass    |
|         |         | 5260            | 20               | 102           | 5260.040                 | 5250 to 5350 | Pass    |
|         |         |                 |                  | 120           | 5259.980                 | 5250 to 5350 | Pass    |



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|  |  |      |     |     |          |              |      |
|--|--|------|-----|-----|----------|--------------|------|
|  |  |      |     | 138 | 5260.000 | 5250 to 5350 | Pass |
|  |  |      | -10 | 120 | 5260.020 | 5250 to 5350 | Pass |
|  |  |      | 0   | 120 | 5260.020 | 5250 to 5350 | Pass |
|  |  |      | 10  | 120 | 5260.000 | 5250 to 5350 | Pass |
|  |  |      | 30  | 120 | 5260.000 | 5250 to 5350 | Pass |
|  |  |      | 40  | 120 | 5260.080 | 5250 to 5350 | Pass |
|  |  |      | 50  | 120 | 5260.000 | 5250 to 5350 | Pass |
|  |  | 5300 | 20  | 102 | 5300.020 | 5250 to 5350 | Pass |
|  |  |      |     | 120 | 5300.000 | 5250 to 5350 | Pass |
|  |  |      |     | 138 | 5300.020 | 5250 to 5350 | Pass |
|  |  |      | -10 | 120 | 5300.000 | 5250 to 5350 | Pass |
|  |  |      | 0   | 120 | 5300.000 | 5250 to 5350 | Pass |
|  |  |      | 10  | 120 | 5300.040 | 5250 to 5350 | Pass |
|  |  |      | 30  | 120 | 5300.020 | 5250 to 5350 | Pass |
|  |  |      | 40  | 120 | 5300.000 | 5250 to 5350 | Pass |
|  |  |      | 50  | 120 | 5300.000 | 5250 to 5350 | Pass |
|  |  | 5320 | 20  | 102 | 5320.020 | 5250 to 5350 | Pass |
|  |  |      |     | 120 | 5319.980 | 5250 to 5350 | Pass |
|  |  |      |     | 138 | 5320.020 | 5250 to 5350 | Pass |
|  |  |      | -10 | 120 | 5319.980 | 5250 to 5350 | Pass |
|  |  |      | 0   | 120 | 5320.000 | 5250 to 5350 | Pass |
|  |  |      | 10  | 120 | 5320.040 | 5250 to 5350 | Pass |
|  |  |      | 30  | 120 | 5320.020 | 5250 to 5350 | Pass |
|  |  |      | 40  | 120 | 5320.000 | 5250 to 5350 | Pass |
|  |  |      | 50  | 120 | 5319.980 | 5250 to 5350 | Pass |
|  |  | 5500 | 20  | 102 | 5500.000 | 5470 to 5725 | Pass |
|  |  |      |     | 120 | 5500.000 | 5470 to 5725 | Pass |
|  |  |      |     | 138 | 5499.980 | 5470 to 5725 | Pass |
|  |  |      | -10 | 120 | 5500.020 | 5470 to 5725 | Pass |
|  |  |      | 0   | 120 | 5500.040 | 5470 to 5725 | Pass |
|  |  |      | 10  | 120 | 5500.000 | 5470 to 5725 | Pass |
|  |  |      | 30  | 120 | 5500.000 | 5470 to 5725 | Pass |
|  |  |      | 40  | 120 | 5500.020 | 5470 to 5725 | Pass |
|  |  |      | 50  | 120 | 5500.000 | 5470 to 5725 | Pass |
|  |  | 5580 | 20  | 102 | 5580.040 | 5470 to 5725 | Pass |
|  |  |      |     | 120 | 5580.000 | 5470 to 5725 | Pass |
|  |  |      |     | 138 | 5580.040 | 5470 to 5725 | Pass |
|  |  |      | -10 | 120 | 5579.960 | 5470 to 5725 | Pass |
|  |  |      | 0   | 120 | 5579.980 | 5470 to 5725 | Pass |



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|     |          |     |      |          |              |              |              |
|-----|----------|-----|------|----------|--------------|--------------|--------------|
|     |          |     | 10   | 120      | 5579.980     | 5470 to 5725 | Pass         |
|     |          |     | 30   | 120      | 5579.980     | 5470 to 5725 | Pass         |
|     |          |     | 40   | 120      | 5579.960     | 5470 to 5725 | Pass         |
|     |          |     | 50   | 120      | 5580.020     | 5470 to 5725 | Pass         |
|     | 5700     | 20  | 102  | 5700.040 | 5470 to 5725 | Pass         |              |
|     |          |     | 120  | 5700.000 | 5470 to 5725 | Pass         |              |
|     |          |     | 138  | 5700.040 | 5470 to 5725 | Pass         |              |
|     |          | -10 | 120  | 5700.000 | 5470 to 5725 | Pass         |              |
|     |          | 0   | 120  | 5700.000 | 5470 to 5725 | Pass         |              |
|     |          | 10  | 120  | 5700.060 | 5470 to 5725 | Pass         |              |
|     |          | 30  | 120  | 5700.020 | 5470 to 5725 | Pass         |              |
|     |          | 40  | 120  | 5700.060 | 5470 to 5725 | Pass         |              |
|     |          | 50  | 120  | 5700.000 | 5470 to 5725 | Pass         |              |
|     |          |     | 5745 | 20       | 102          | 5745.040     | 5725 to 5850 |
| 120 | 5745.020 |     |      |          | 5725 to 5850 | Pass         |              |
| 138 | 5745.020 |     |      |          | 5725 to 5850 | Pass         |              |
| -10 | 120      |     |      | 5745.040 | 5725 to 5850 | Pass         |              |
| 0   | 120      |     |      | 5745.000 | 5725 to 5850 | Pass         |              |
| 10  | 120      |     |      | 5745.020 | 5725 to 5850 | Pass         |              |
| 30  | 120      |     |      | 5745.000 | 5725 to 5850 | Pass         |              |
| 40  | 120      |     |      | 5745.020 | 5725 to 5850 | Pass         |              |
| 50  | 120      |     |      | 5745.000 | 5725 to 5850 | Pass         |              |
|     | 5785     | 20  | 102  | 5785.000 | 5725 to 5850 | Pass         |              |
|     |          |     | 120  | 5785.020 | 5725 to 5850 | Pass         |              |
|     |          |     | 138  | 5785.040 | 5725 to 5850 | Pass         |              |
|     |          | -10 | 120  | 5785.000 | 5725 to 5850 | Pass         |              |
|     |          | 0   | 120  | 5785.040 | 5725 to 5850 | Pass         |              |
|     |          | 10  | 120  | 5785.020 | 5725 to 5850 | Pass         |              |
|     |          | 30  | 120  | 5785.000 | 5725 to 5850 | Pass         |              |
|     |          | 40  | 120  | 5785.060 | 5725 to 5850 | Pass         |              |
|     |          | 50  | 120  | 5785.040 | 5725 to 5850 | Pass         |              |
|     | 5825     | 20  | 102  | 5824.980 | 5725 to 5850 | Pass         |              |
|     |          |     | 120  | 5825.020 | 5725 to 5850 | Pass         |              |
|     |          |     | 138  | 5825.040 | 5725 to 5850 | Pass         |              |
|     |          | -10 | 120  | 5825.040 | 5725 to 5850 | Pass         |              |
|     |          | 0   | 120  | 5825.000 | 5725 to 5850 | Pass         |              |
|     |          | 10  | 120  | 5825.040 | 5725 to 5850 | Pass         |              |
|     |          | 30  | 120  | 5825.040 | 5725 to 5850 | Pass         |              |
|     |          | 40  | 120  | 5824.980 | 5725 to 5850 | Pass         |              |



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|                   |      |      |     |     |          |              |      |
|-------------------|------|------|-----|-----|----------|--------------|------|
|                   |      |      | 50  | 120 | 5825.000 | 5725 to 5850 | Pass |
| 802.11n<br>(HT20) | MIMO | 5180 | 20  | 102 | 5180.000 | 5150 to 5250 | Pass |
|                   |      |      |     | 120 | 5180.020 | 5150 to 5250 | Pass |
|                   |      |      |     | 138 | 5179.980 | 5150 to 5250 | Pass |
|                   |      |      | -10 | 120 | 5180.000 | 5150 to 5250 | Pass |
|                   |      |      | 0   | 120 | 5180.000 | 5150 to 5250 | Pass |
|                   |      |      | 10  | 120 | 5179.940 | 5150 to 5250 | Pass |
|                   |      |      | 30  | 120 | 5180.020 | 5150 to 5250 | Pass |
|                   |      |      | 40  | 120 | 5180.000 | 5150 to 5250 | Pass |
|                   |      |      | 50  | 120 | 5180.020 | 5150 to 5250 | Pass |
|                   |      | 5200 | 20  | 102 | 5200.020 | 5150 to 5250 | Pass |
|                   |      |      |     | 120 | 5200.040 | 5150 to 5250 | Pass |
|                   |      |      |     | 138 | 5200.040 | 5150 to 5250 | Pass |
|                   |      |      | -10 | 120 | 5200.020 | 5150 to 5250 | Pass |
|                   |      |      | 0   | 120 | 5200.060 | 5150 to 5250 | Pass |
|                   |      |      | 10  | 120 | 5200.020 | 5150 to 5250 | Pass |
|                   |      |      | 30  | 120 | 5199.980 | 5150 to 5250 | Pass |
|                   |      |      | 40  | 120 | 5200.020 | 5150 to 5250 | Pass |
|                   |      |      | 50  | 120 | 5200.080 | 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 |
|                   |      |      | -10 | 120 | 5240.040 | 5150 to 5250 | Pass |
|                   |      |      | 0   | 120 | 5240.040 | 5150 to 5250 | Pass |
|                   |      |      | 10  | 120 | 5240.000 | 5150 to 5250 | Pass |
|                   |      |      | 30  | 120 | 5240.060 | 5150 to 5250 | Pass |
|                   |      |      | 40  | 120 | 5240.040 | 5150 to 5250 | Pass |
|                   |      |      | 50  | 120 | 5240.020 | 5150 to 5250 | Pass |
|                   |      | 5260 | 20  | 102 | 5260.040 | 5250 to 5350 | Pass |
|                   |      |      |     | 120 | 5260.040 | 5250 to 5350 | Pass |
|                   |      |      |     | 138 | 5260.000 | 5250 to 5350 | Pass |
|                   |      |      | -10 | 120 | 5260.040 | 5250 to 5350 | Pass |
|                   |      |      | 0   | 120 | 5260.000 | 5250 to 5350 | Pass |
|                   |      |      | 10  | 120 | 5260.020 | 5250 to 5350 | Pass |
|                   |      |      | 30  | 120 | 5260.020 | 5250 to 5350 | Pass |
|                   |      |      | 40  | 120 | 5260.020 | 5250 to 5350 | Pass |
|                   |      |      | 50  | 120 | 5260.040 | 5250 to 5350 | Pass |
|                   |      | 5300 | 20  | 102 | 5300.040 | 5250 to 5350 | Pass |
|                   |      |      |     | 120 | 5300.020 | 5250 to 5350 | Pass |



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|  |  |      |     |     |          |              |      |
|--|--|------|-----|-----|----------|--------------|------|
|  |  |      |     | 138 | 5300.000 | 5250 to 5350 | Pass |
|  |  |      | -10 | 120 | 5300.020 | 5250 to 5350 | Pass |
|  |  |      | 0   | 120 | 5300.020 | 5250 to 5350 | Pass |
|  |  |      | 10  | 120 | 5300.060 | 5250 to 5350 | Pass |
|  |  |      | 30  | 120 | 5300.040 | 5250 to 5350 | Pass |
|  |  |      | 40  | 120 | 5300.000 | 5250 to 5350 | Pass |
|  |  |      | 50  | 120 | 5300.080 | 5250 to 5350 | Pass |
|  |  | 5320 | 20  | 102 | 5320.020 | 5250 to 5350 | Pass |
|  |  |      |     | 120 | 5319.980 | 5250 to 5350 | Pass |
|  |  |      |     | 138 | 5320.080 | 5250 to 5350 | Pass |
|  |  |      | -10 | 120 | 5320.020 | 5250 to 5350 | Pass |
|  |  |      | 0   | 120 | 5319.980 | 5250 to 5350 | Pass |
|  |  |      | 10  | 120 | 5320.060 | 5250 to 5350 | Pass |
|  |  |      | 30  | 120 | 5320.020 | 5250 to 5350 | Pass |
|  |  |      | 40  | 120 | 5319.980 | 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 | 5500.020 | 5470 to 5725 | Pass |
|  |  |      | -10 | 120 | 5500.020 | 5470 to 5725 | Pass |
|  |  |      | 0   | 120 | 5500.000 | 5470 to 5725 | Pass |
|  |  |      | 10  | 120 | 5500.040 | 5470 to 5725 | Pass |
|  |  |      | 30  | 120 | 5500.020 | 5470 to 5725 | Pass |
|  |  |      | 40  | 120 | 5500.020 | 5470 to 5725 | Pass |
|  |  |      | 50  | 120 | 5500.000 | 5470 to 5725 | Pass |
|  |  | 5580 | 20  | 102 | 5580.000 | 5470 to 5725 | Pass |
|  |  |      |     | 120 | 5580.040 | 5470 to 5725 | Pass |
|  |  |      |     | 138 | 5580.040 | 5470 to 5725 | Pass |
|  |  |      | -10 | 120 | 5580.000 | 5470 to 5725 | Pass |
|  |  |      | 0   | 120 | 5580.000 | 5470 to 5725 | Pass |
|  |  |      | 10  | 120 | 5580.020 | 5470 to 5725 | Pass |
|  |  |      | 30  | 120 | 5580.020 | 5470 to 5725 | Pass |
|  |  |      | 40  | 120 | 5580.000 | 5470 to 5725 | Pass |
|  |  |      | 50  | 120 | 5579.980 | 5470 to 5725 | Pass |
|  |  | 5700 | 20  | 102 | 5699.940 | 5470 to 5725 | Pass |
|  |  |      |     | 120 | 5700.080 | 5470 to 5725 | Pass |
|  |  |      |     | 138 | 5700.020 | 5470 to 5725 | Pass |
|  |  |      | -10 | 120 | 5699.980 | 5470 to 5725 | Pass |
|  |  |      | 0   | 120 | 5700.020 | 5470 to 5725 | Pass |



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|                   |      |      |     |     |          |              |      |
|-------------------|------|------|-----|-----|----------|--------------|------|
|                   |      |      | 10  | 120 | 5700.080 | 5470 to 5725 | Pass |
|                   |      |      | 30  | 120 | 5699.980 | 5470 to 5725 | Pass |
|                   |      |      | 40  | 120 | 5700.020 | 5470 to 5725 | Pass |
|                   |      |      | 50  | 120 | 5700.020 | 5470 to 5725 | Pass |
|                   |      | 5745 | 20  | 102 | 5745.000 | 5725 to 5850 | Pass |
|                   |      |      |     | 120 | 5745.040 | 5725 to 5850 | Pass |
|                   |      |      |     | 138 | 5745.060 | 5725 to 5850 | Pass |
|                   |      |      | -10 | 120 | 5745.020 | 5725 to 5850 | Pass |
|                   |      |      | 0   | 120 | 5744.980 | 5725 to 5850 | Pass |
|                   |      |      | 10  | 120 | 5745.000 | 5725 to 5850 | Pass |
|                   |      |      | 30  | 120 | 5745.000 | 5725 to 5850 | Pass |
|                   |      |      | 40  | 120 | 5745.020 | 5725 to 5850 | Pass |
|                   |      |      | 50  | 120 | 5745.020 | 5725 to 5850 | Pass |
|                   |      | 5785 | 20  | 102 | 5785.000 | 5725 to 5850 | Pass |
|                   |      |      |     | 120 | 5785.020 | 5725 to 5850 | Pass |
|                   |      |      |     | 138 | 5785.060 | 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 | 5785.040 | 5725 to 5850 | Pass |
|                   |      |      | 40  | 120 | 5784.980 | 5725 to 5850 | Pass |
|                   |      |      | 50  | 120 | 5785.020 | 5725 to 5850 | Pass |
|                   |      | 5825 | 20  | 102 | 5825.040 | 5725 to 5850 | Pass |
|                   |      |      |     | 120 | 5825.020 | 5725 to 5850 | Pass |
|                   |      |      |     | 138 | 5825.020 | 5725 to 5850 | Pass |
|                   |      |      | -10 | 120 | 5825.080 | 5725 to 5850 | Pass |
|                   |      |      | 0   | 120 | 5824.980 | 5725 to 5850 | Pass |
|                   |      |      | 10  | 120 | 5825.020 | 5725 to 5850 | Pass |
|                   |      |      | 30  | 120 | 5825.020 | 5725 to 5850 | Pass |
|                   |      |      | 40  | 120 | 5825.000 | 5725 to 5850 | Pass |
|                   |      |      | 50  | 120 | 5825.040 | 5725 to 5850 | Pass |
| 802.11n<br>(HT40) | MIMO | 5190 | 20  | 102 | 5190.080 | 5150 to 5250 | Pass |
|                   |      |      |     | 120 | 5190.120 | 5150 to 5250 | Pass |
|                   |      |      |     | 138 | 5190.120 | 5150 to 5250 | Pass |
|                   |      |      | -10 | 120 | 5190.040 | 5150 to 5250 | Pass |
|                   |      |      | 0   | 120 | 5190.040 | 5150 to 5250 | Pass |
|                   |      |      | 10  | 120 | 5190.080 | 5150 to 5250 | Pass |
|                   |      |      | 30  | 120 | 5190.040 | 5150 to 5250 | Pass |
|                   |      |      | 40  | 120 | 5190.080 | 5150 to 5250 | Pass |



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|  |  |      |     |     |          |              |      |
|--|--|------|-----|-----|----------|--------------|------|
|  |  |      | 50  | 120 | 5190.080 | 5150 to 5250 | Pass |
|  |  | 5230 | 20  | 102 | 5230.040 | 5150 to 5250 | Pass |
|  |  |      |     | 120 | 5230.080 | 5150 to 5250 | Pass |
|  |  |      |     | 138 | 5230.120 | 5150 to 5250 | Pass |
|  |  |      | -10 | 120 | 5230.080 | 5150 to 5250 | Pass |
|  |  |      | 0   | 120 | 5230.040 | 5150 to 5250 | Pass |
|  |  |      | 10  | 120 | 5230.080 | 5150 to 5250 | Pass |
|  |  |      | 30  | 120 | 5230.120 | 5150 to 5250 | Pass |
|  |  |      | 40  | 120 | 5230.080 | 5150 to 5250 | Pass |
|  |  |      | 50  | 120 | 5230.040 | 5150 to 5250 | Pass |
|  |  | 5270 | 20  | 102 | 5270.080 | 5250 to 5350 | Pass |
|  |  |      |     | 120 | 5270.040 | 5250 to 5350 | Pass |
|  |  |      |     | 138 | 5270.000 | 5250 to 5350 | Pass |
|  |  |      | -10 | 120 | 5270.040 | 5250 to 5350 | Pass |
|  |  |      | 0   | 120 | 5270.040 | 5250 to 5350 | Pass |
|  |  |      | 10  | 120 | 5270.080 | 5250 to 5350 | Pass |
|  |  |      | 30  | 120 | 5270.080 | 5250 to 5350 | Pass |
|  |  |      | 40  | 120 | 5270.000 | 5250 to 5350 | Pass |
|  |  |      | 50  | 120 | 5270.040 | 5250 to 5350 | Pass |
|  |  | 5310 | 20  | 102 | 5310.080 | 5250 to 5350 | Pass |
|  |  |      |     | 120 | 5310.000 | 5250 to 5350 | Pass |
|  |  |      |     | 138 | 5310.080 | 5250 to 5350 | Pass |
|  |  |      | -10 | 120 | 5310.160 | 5250 to 5350 | Pass |
|  |  |      | 0   | 120 | 5310.040 | 5250 to 5350 | Pass |
|  |  |      | 10  | 120 | 5310.080 | 5250 to 5350 | Pass |
|  |  |      | 30  | 120 | 5310.120 | 5250 to 5350 | Pass |
|  |  |      | 40  | 120 | 5310.040 | 5250 to 5350 | Pass |
|  |  |      | 50  | 120 | 5309.960 | 5250 to 5350 | Pass |
|  |  | 5510 | 20  | 102 | 5510.040 | 5470 to 5725 | Pass |
|  |  |      |     | 120 | 5510.120 | 5470 to 5725 | Pass |
|  |  |      |     | 138 | 5510.040 | 5470 to 5725 | Pass |
|  |  |      | -10 | 120 | 5510.080 | 5470 to 5725 | Pass |
|  |  |      | 0   | 120 | 5510.080 | 5470 to 5725 | Pass |
|  |  |      | 10  | 120 | 5510.080 | 5470 to 5725 | Pass |
|  |  |      | 30  | 120 | 5510.040 | 5470 to 5725 | Pass |
|  |  |      | 40  | 120 | 5510.080 | 5470 to 5725 | Pass |
|  |  |      | 50  | 120 | 5510.120 | 5470 to 5725 | Pass |
|  |  | 5550 | 20  | 102 | 5550.080 | 5470 to 5725 | Pass |
|  |  |      |     | 120 | 5550.120 | 5470 to 5725 | Pass |



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|                     |      |      |     |     |          |              |      |
|---------------------|------|------|-----|-----|----------|--------------|------|
|                     |      |      |     | 138 | 5550.040 | 5470 to 5725 | Pass |
|                     |      |      | -10 | 120 | 5550.040 | 5470 to 5725 | Pass |
|                     |      |      | 0   | 120 | 5550.040 | 5470 to 5725 | Pass |
|                     |      |      | 10  | 120 | 5550.080 | 5470 to 5725 | Pass |
|                     |      |      | 30  | 120 | 5550.120 | 5470 to 5725 | Pass |
|                     |      |      | 40  | 120 | 5550.080 | 5470 to 5725 | Pass |
|                     |      |      | 50  | 120 | 5550.080 | 5470 to 5725 | Pass |
|                     |      | 5670 | 20  | 102 | 5670.040 | 5470 to 5725 | Pass |
|                     |      |      |     | 120 | 5670.000 | 5470 to 5725 | Pass |
|                     |      |      |     | 138 | 5670.080 | 5470 to 5725 | Pass |
|                     |      |      | -10 | 120 | 5670.040 | 5470 to 5725 | Pass |
|                     |      |      | 0   | 120 | 5670.040 | 5470 to 5725 | Pass |
|                     |      |      | 10  | 120 | 5670.040 | 5470 to 5725 | Pass |
|                     |      |      | 30  | 120 | 5670.080 | 5470 to 5725 | Pass |
|                     |      |      | 40  | 120 | 5670.120 | 5470 to 5725 | Pass |
|                     |      |      | 50  | 120 | 5670.040 | 5470 to 5725 | Pass |
|                     |      | 5755 | 20  | 102 | 5755.080 | 5725 to 5850 | Pass |
|                     |      |      |     | 120 | 5755.040 | 5725 to 5850 | Pass |
|                     |      |      |     | 138 | 5755.040 | 5725 to 5850 | Pass |
|                     |      |      | -10 | 120 | 5755.000 | 5725 to 5850 | Pass |
|                     |      |      | 0   | 120 | 5755.120 | 5725 to 5850 | Pass |
|                     |      |      | 10  | 120 | 5755.080 | 5725 to 5850 | Pass |
|                     |      |      | 30  | 120 | 5754.960 | 5725 to 5850 | Pass |
|                     |      |      | 40  | 120 | 5755.040 | 5725 to 5850 | Pass |
|                     |      |      | 50  | 120 | 5755.040 | 5725 to 5850 | Pass |
|                     |      | 5795 | 20  | 102 | 5795.040 | 5725 to 5850 | Pass |
|                     |      |      |     | 120 | 5795.040 | 5725 to 5850 | Pass |
|                     |      |      |     | 138 | 5795.040 | 5725 to 5850 | Pass |
|                     |      |      | -10 | 120 | 5795.080 | 5725 to 5850 | Pass |
|                     |      |      | 0   | 120 | 5795.080 | 5725 to 5850 | Pass |
|                     |      |      | 10  | 120 | 5795.080 | 5725 to 5850 | Pass |
|                     |      |      | 30  | 120 | 5795.120 | 5725 to 5850 | Pass |
|                     |      |      | 40  | 120 | 5795.080 | 5725 to 5850 | Pass |
|                     |      |      | 50  | 120 | 5795.080 | 5725 to 5850 | Pass |
| 802.11ac<br>(VHT20) | MIMO | 5180 | 20  | 102 | 5180.000 | 5150 to 5250 | Pass |
|                     |      |      |     | 120 | 5179.980 | 5150 to 5250 | Pass |
|                     |      |      |     | 138 | 5180.060 | 5150 to 5250 | Pass |
|                     |      |      | -10 | 120 | 5180.040 | 5150 to 5250 | Pass |
|                     |      |      | 0   | 120 | 5180.020 | 5150 to 5250 | Pass |



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|  |      |     |    |     |          |              |      |
|--|------|-----|----|-----|----------|--------------|------|
|  |      |     | 10 | 120 | 5180.020 | 5150 to 5250 | Pass |
|  |      |     | 30 | 120 | 5179.980 | 5150 to 5250 | Pass |
|  |      |     | 40 | 120 | 5180.060 | 5150 to 5250 | Pass |
|  |      |     | 50 | 120 | 5179.980 | 5150 to 5250 | Pass |
|  | 5200 | 20  |    | 102 | 5200.040 | 5150 to 5250 | Pass |
|  |      |     |    | 120 | 5200.040 | 5150 to 5250 | Pass |
|  |      |     |    | 138 | 5200.020 | 5150 to 5250 | Pass |
|  |      | -10 |    | 120 | 5200.000 | 5150 to 5250 | Pass |
|  |      |     |    | 120 | 5200.020 | 5150 to 5250 | Pass |
|  |      | 0   |    | 120 | 5200.020 | 5150 to 5250 | Pass |
|  |      |     |    | 120 | 5200.040 | 5150 to 5250 | Pass |
|  |      | 10  |    | 120 | 5200.020 | 5150 to 5250 | Pass |
|  |      |     |    | 120 | 5200.020 | 5150 to 5250 | Pass |
|  |      | 30  |    | 120 | 5200.020 | 5150 to 5250 | Pass |
|  |      |     |    | 120 | 5200.020 | 5150 to 5250 | Pass |
|  | 5240 | 20  |    | 102 | 5240.000 | 5150 to 5250 | Pass |
|  |      |     |    | 120 | 5240.020 | 5150 to 5250 | Pass |
|  |      |     |    | 138 | 5240.020 | 5150 to 5250 | Pass |
|  |      | -10 |    | 120 | 5240.020 | 5150 to 5250 | Pass |
|  |      |     |    | 120 | 5240.020 | 5150 to 5250 | Pass |
|  |      | 0   |    | 120 | 5240.020 | 5150 to 5250 | Pass |
|  |      |     |    | 120 | 5240.040 | 5150 to 5250 | Pass |
|  |      | 10  |    | 120 | 5240.020 | 5150 to 5250 | Pass |
|  |      |     |    | 120 | 5240.020 | 5150 to 5250 | Pass |
|  |      | 30  |    | 120 | 5240.020 | 5150 to 5250 | Pass |
|  |      |     |    | 120 | 5240.020 | 5150 to 5250 | Pass |
|  | 5260 | 20  |    | 102 | 5260.000 | 5250 to 5350 | Pass |
|  |      |     |    | 120 | 5260.020 | 5250 to 5350 | Pass |
|  |      |     |    | 138 | 5260.040 | 5250 to 5350 | Pass |
|  |      | -10 |    | 120 | 5260.040 | 5250 to 5350 | Pass |
|  |      |     |    | 120 | 5259.980 | 5250 to 5350 | Pass |
|  |      | 0   |    | 120 | 5260.020 | 5250 to 5350 | Pass |
|  |      |     |    | 120 | 5260.040 | 5250 to 5350 | Pass |
|  |      | 10  |    | 120 | 5260.040 | 5250 to 5350 | Pass |
|  |      |     |    | 120 | 5259.980 | 5250 to 5350 | Pass |
|  |      | 30  |    | 120 | 5260.000 | 5250 to 5350 | Pass |
|  |      |     |    | 120 | 5260.000 | 5250 to 5350 | Pass |
|  | 5300 | 20  |    | 102 | 5300.020 | 5250 to 5350 | Pass |
|  |      |     |    | 120 | 5300.000 | 5250 to 5350 | Pass |
|  |      |     |    | 138 | 5300.000 | 5250 to 5350 | Pass |
|  |      | -10 |    | 120 | 5300.000 | 5250 to 5350 | Pass |
|  |      |     |    | 120 | 5300.020 | 5250 to 5350 | Pass |
|  |      | 0   |    | 120 | 5300.040 | 5250 to 5350 | Pass |
|  |      |     |    | 120 | 5300.020 | 5250 to 5350 | Pass |
|  |      | 10  |    | 120 | 5300.020 | 5250 to 5350 | Pass |
|  |      |     |    | 120 | 5300.020 | 5250 to 5350 | Pass |
|  |      | 30  |    | 120 | 5300.020 | 5250 to 5350 | Pass |
|  |      |     |    | 120 | 5300.020 | 5250 to 5350 | Pass |



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|  |  |      |     |     |          |              |      |
|--|--|------|-----|-----|----------|--------------|------|
|  |  |      | 50  | 120 | 5300.020 | 5250 to 5350 | Pass |
|  |  | 5320 | 20  | 102 | 5320.060 | 5250 to 5350 | Pass |
|  |  |      |     | 120 | 5320.040 | 5250 to 5350 | Pass |
|  |  |      |     | 138 | 5320.000 | 5250 to 5350 | Pass |
|  |  |      | -10 | 120 | 5320.020 | 5250 to 5350 | Pass |
|  |  |      | 0   | 120 | 5320.060 | 5250 to 5350 | Pass |
|  |  |      | 10  | 120 | 5320.060 | 5250 to 5350 | Pass |
|  |  |      | 30  | 120 | 5319.980 | 5250 to 5350 | Pass |
|  |  |      | 40  | 120 | 5320.000 | 5250 to 5350 | Pass |
|  |  |      | 50  | 120 | 5319.980 | 5250 to 5350 | Pass |
|  |  | 5500 | 20  | 102 | 5500.020 | 5470 to 5725 | Pass |
|  |  |      |     | 120 | 5500.080 | 5470 to 5725 | Pass |
|  |  |      |     | 138 | 5500.000 | 5470 to 5725 | Pass |
|  |  |      | -10 | 120 | 5500.020 | 5470 to 5725 | Pass |
|  |  |      | 0   | 120 | 5500.060 | 5470 to 5725 | Pass |
|  |  |      | 10  | 120 | 5500.000 | 5470 to 5725 | Pass |
|  |  |      | 30  | 120 | 5500.020 | 5470 to 5725 | Pass |
|  |  |      | 40  | 120 | 5500.020 | 5470 to 5725 | Pass |
|  |  |      | 50  | 120 | 5500.000 | 5470 to 5725 | Pass |
|  |  | 5580 | 20  | 102 | 5580.000 | 5470 to 5725 | Pass |
|  |  |      |     | 120 | 5580.020 | 5470 to 5725 | Pass |
|  |  |      |     | 138 | 5579.980 | 5470 to 5725 | Pass |
|  |  |      | -10 | 120 | 5580.020 | 5470 to 5725 | Pass |
|  |  |      | 0   | 120 | 5580.000 | 5470 to 5725 | Pass |
|  |  |      | 10  | 120 | 5580.040 | 5470 to 5725 | Pass |
|  |  |      | 30  | 120 | 5580.020 | 5470 to 5725 | Pass |
|  |  |      | 40  | 120 | 5580.080 | 5470 to 5725 | Pass |
|  |  |      | 50  | 120 | 5580.020 | 5470 to 5725 | Pass |
|  |  | 5700 | 20  | 102 | 5700.060 | 5470 to 5725 | Pass |
|  |  |      |     | 120 | 5700.020 | 5470 to 5725 | Pass |
|  |  |      |     | 138 | 5700.020 | 5470 to 5725 | Pass |
|  |  |      | -10 | 120 | 5700.020 | 5470 to 5725 | Pass |
|  |  |      | 0   | 120 | 5700.080 | 5470 to 5725 | Pass |
|  |  |      | 10  | 120 | 5700.060 | 5470 to 5725 | Pass |
|  |  |      | 30  | 120 | 5700.020 | 5470 to 5725 | Pass |
|  |  |      | 40  | 120 | 5700.020 | 5470 to 5725 | Pass |
|  |  |      | 50  | 120 | 5700.020 | 5470 to 5725 | Pass |
|  |  | 5745 | 20  | 102 | 5745.000 | 5725 to 5850 | Pass |
|  |  |      |     | 120 | 5745.020 | 5725 to 5850 | Pass |



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|                     |      |      |     |     |          |              |      |
|---------------------|------|------|-----|-----|----------|--------------|------|
|                     |      |      |     | 138 | 5745.020 | 5725 to 5850 | Pass |
|                     |      |      | -10 | 120 | 5745.020 | 5725 to 5850 | Pass |
|                     |      |      | 0   | 120 | 5745.000 | 5725 to 5850 | Pass |
|                     |      |      | 10  | 120 | 5745.000 | 5725 to 5850 | Pass |
|                     |      |      | 30  | 120 | 5745.020 | 5725 to 5850 | Pass |
|                     |      |      | 40  | 120 | 5745.080 | 5725 to 5850 | Pass |
|                     |      |      | 50  | 120 | 5745.040 | 5725 to 5850 | Pass |
|                     |      | 5785 | 20  | 102 | 5785.020 | 5725 to 5850 | Pass |
|                     |      |      |     | 120 | 5785.040 | 5725 to 5850 | Pass |
|                     |      |      |     | 138 | 5785.000 | 5725 to 5850 | Pass |
|                     |      |      | -10 | 120 | 5785.000 | 5725 to 5850 | Pass |
|                     |      |      | 0   | 120 | 5785.060 | 5725 to 5850 | Pass |
|                     |      |      | 10  | 120 | 5785.040 | 5725 to 5850 | Pass |
|                     |      |      | 30  | 120 | 5785.020 | 5725 to 5850 | Pass |
|                     |      |      | 40  | 120 | 5785.020 | 5725 to 5850 | Pass |
|                     |      |      | 50  | 120 | 5785.020 | 5725 to 5850 | Pass |
|                     |      | 5825 | 20  | 102 | 5825.000 | 5725 to 5850 | Pass |
|                     |      |      |     | 120 | 5825.000 | 5725 to 5850 | Pass |
|                     |      |      |     | 138 | 5825.000 | 5725 to 5850 | Pass |
|                     |      |      | -10 | 120 | 5825.040 | 5725 to 5850 | Pass |
|                     |      |      | 0   | 120 | 5825.040 | 5725 to 5850 | Pass |
|                     |      |      | 10  | 120 | 5824.980 | 5725 to 5850 | Pass |
|                     |      |      | 30  | 120 | 5825.020 | 5725 to 5850 | Pass |
|                     |      |      | 40  | 120 | 5825.080 | 5725 to 5850 | Pass |
|                     |      |      | 50  | 120 | 5825.000 | 5725 to 5850 | Pass |
| 802.11ac<br>(VHT40) | MIMO | 5190 | 20  | 102 | 5190.080 | 5150 to 5250 | Pass |
|                     |      |      |     | 120 | 5190.080 | 5150 to 5250 | Pass |
|                     |      |      |     | 138 | 5190.080 | 5150 to 5250 | Pass |
|                     |      |      | -10 | 120 | 5190.000 | 5150 to 5250 | Pass |
|                     |      |      | 0   | 120 | 5190.080 | 5150 to 5250 | Pass |
|                     |      |      | 10  | 120 | 5190.080 | 5150 to 5250 | Pass |
|                     |      |      | 30  | 120 | 5190.080 | 5150 to 5250 | Pass |
|                     |      |      | 40  | 120 | 5190.080 | 5150 to 5250 | Pass |
|                     |      |      | 50  | 120 | 5190.080 | 5150 to 5250 | Pass |
|                     |      | 5230 | 20  | 102 | 5230.040 | 5150 to 5250 | Pass |
|                     |      |      |     | 120 | 5230.120 | 5150 to 5250 | Pass |
|                     |      |      |     | 138 | 5230.120 | 5150 to 5250 | Pass |
|                     |      |      | -10 | 120 | 5230.080 | 5150 to 5250 | Pass |
|                     |      |      | 0   | 120 | 5230.120 | 5150 to 5250 | Pass |



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|  |      |     |    |     |          |              |      |
|--|------|-----|----|-----|----------|--------------|------|
|  |      |     | 10 | 120 | 5230.000 | 5150 to 5250 | Pass |
|  |      |     | 30 | 120 | 5230.080 | 5150 to 5250 | Pass |
|  |      |     | 40 | 120 | 5230.040 | 5150 to 5250 | Pass |
|  |      |     | 50 | 120 | 5230.000 | 5150 to 5250 | Pass |
|  | 5270 | 20  |    | 102 | 5270.040 | 5250 to 5350 | Pass |
|  |      |     |    | 120 | 5270.000 | 5250 to 5350 | Pass |
|  |      |     |    | 138 | 5270.080 | 5250 to 5350 | Pass |
|  |      | -10 |    | 120 | 5270.040 | 5250 to 5350 | Pass |
|  |      |     |    | 0   | 5270.040 | 5250 to 5350 | Pass |
|  |      | 10  |    | 120 | 5270.040 | 5250 to 5350 | Pass |
|  |      |     |    | 30  | 5270.040 | 5250 to 5350 | Pass |
|  |      | 40  |    | 120 | 5270.080 | 5250 to 5350 | Pass |
|  |      |     |    | 50  | 5270.040 | 5250 to 5350 | Pass |
|  |      | 50  |    | 120 | 5270.040 | 5250 to 5350 | Pass |
|  |      |     |    | 120 | 5270.040 | 5250 to 5350 | Pass |
|  | 5310 | 20  |    | 102 | 5310.000 | 5250 to 5350 | Pass |
|  |      |     |    | 120 | 5310.000 | 5250 to 5350 | Pass |
|  |      |     |    | 138 | 5310.120 | 5250 to 5350 | Pass |
|  |      | -10 |    | 120 | 5310.000 | 5250 to 5350 | Pass |
|  |      |     |    | 0   | 5310.080 | 5250 to 5350 | Pass |
|  |      | 10  |    | 120 | 5310.040 | 5250 to 5350 | Pass |
|  |      |     |    | 30  | 5310.040 | 5250 to 5350 | Pass |
|  |      | 40  |    | 120 | 5310.080 | 5250 to 5350 | Pass |
|  |      |     |    | 50  | 5310.040 | 5250 to 5350 | Pass |
|  |      | 50  |    | 120 | 5310.040 | 5250 to 5350 | Pass |
|  |      |     |    | 120 | 5310.040 | 5250 to 5350 | Pass |
|  | 5510 | 20  |    | 102 | 5510.040 | 5470 to 5725 | Pass |
|  |      |     |    | 120 | 5510.040 | 5470 to 5725 | Pass |
|  |      |     |    | 138 | 5509.960 | 5470 to 5725 | Pass |
|  |      | -10 |    | 120 | 5510.120 | 5470 to 5725 | Pass |
|  |      |     |    | 0   | 5510.120 | 5470 to 5725 | Pass |
|  |      | 10  |    | 120 | 5510.040 | 5470 to 5725 | Pass |
|  |      |     |    | 30  | 5510.000 | 5470 to 5725 | Pass |
|  |      | 40  |    | 120 | 5510.080 | 5470 to 5725 | Pass |
|  |      |     |    | 50  | 5510.000 | 5470 to 5725 | Pass |
|  |      | 50  |    | 120 | 5510.000 | 5470 to 5725 | Pass |
|  |      |     |    | 120 | 5510.000 | 5470 to 5725 | Pass |
|  | 5550 | 20  |    | 102 | 5550.000 | 5470 to 5725 | Pass |
|  |      |     |    | 120 | 5550.080 | 5470 to 5725 | Pass |
|  |      |     |    | 138 | 5550.080 | 5470 to 5725 | Pass |
|  |      | -10 |    | 120 | 5550.080 | 5470 to 5725 | Pass |
|  |      |     |    | 0   | 5550.080 | 5470 to 5725 | Pass |
|  |      | 10  |    | 120 | 5550.080 | 5470 to 5725 | Pass |
|  |      |     |    | 30  | 5550.040 | 5470 to 5725 | Pass |
|  |      | 40  |    | 120 | 5550.080 | 5470 to 5725 | Pass |
|  |      |     |    | 50  | 5550.080 | 5470 to 5725 | Pass |
|  |      | 50  |    | 120 | 5550.080 | 5470 to 5725 | Pass |
|  |      |     |    | 120 | 5550.080 | 5470 to 5725 | Pass |



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|                     |      |      |     |     |          |              |      |
|---------------------|------|------|-----|-----|----------|--------------|------|
|                     |      | 5670 | 50  | 120 | 5550.040 | 5470 to 5725 | Pass |
|                     |      |      | 20  | 102 | 5670.080 | 5470 to 5725 | Pass |
|                     |      |      |     | 120 | 5670.080 | 5470 to 5725 | Pass |
|                     |      |      |     | 138 | 5670.040 | 5470 to 5725 | Pass |
|                     |      |      | -10 | 120 | 5670.120 | 5470 to 5725 | Pass |
|                     |      |      | 0   | 120 | 5670.120 | 5470 to 5725 | Pass |
|                     |      |      | 10  | 120 | 5670.080 | 5470 to 5725 | Pass |
|                     |      |      | 30  | 120 | 5670.000 | 5470 to 5725 | Pass |
|                     |      |      | 40  | 120 | 5670.040 | 5470 to 5725 | Pass |
|                     |      |      | 50  | 120 | 5670.040 | 5470 to 5725 | Pass |
|                     |      | 5755 | 20  | 102 | 5755.080 | 5725 to 5850 | Pass |
|                     |      |      |     | 120 | 5755.040 | 5725 to 5850 | Pass |
|                     |      |      |     | 138 | 5755.040 | 5725 to 5850 | Pass |
|                     |      |      | -10 | 120 | 5755.080 | 5725 to 5850 | Pass |
|                     |      |      | 0   | 120 | 5755.080 | 5725 to 5850 | Pass |
|                     |      |      | 10  | 120 | 5755.040 | 5725 to 5850 | Pass |
|                     |      |      | 30  | 120 | 5755.080 | 5725 to 5850 | Pass |
|                     |      |      | 40  | 120 | 5755.040 | 5725 to 5850 | Pass |
|                     |      |      | 50  | 120 | 5755.040 | 5725 to 5850 | Pass |
|                     |      | 5795 | 20  | 102 | 5795.040 | 5725 to 5850 | Pass |
|                     |      |      |     | 120 | 5795.080 | 5725 to 5850 | Pass |
|                     |      |      |     | 138 | 5795.080 | 5725 to 5850 | Pass |
|                     |      |      | -10 | 120 | 5795.080 | 5725 to 5850 | Pass |
|                     |      |      | 0   | 120 | 5795.120 | 5725 to 5850 | Pass |
|                     |      |      | 10  | 120 | 5795.040 | 5725 to 5850 | Pass |
|                     |      |      | 30  | 120 | 5795.080 | 5725 to 5850 | Pass |
|                     |      |      | 40  | 120 | 5795.120 | 5725 to 5850 | Pass |
|                     |      |      | 50  | 120 | 5795.080 | 5725 to 5850 | Pass |
| 802.11ac<br>(VHT80) | MIMO | 5210 | 20  | 102 | 5210.075 | 5150 to 5250 | Pass |
|                     |      |      |     | 120 | 5210.075 | 5150 to 5250 | Pass |
|                     |      |      |     | 138 | 5210.075 | 5150 to 5250 | Pass |
|                     |      |      | -10 | 120 | 5210.075 | 5150 to 5250 | Pass |
|                     |      |      | 0   | 120 | 5210.075 | 5150 to 5250 | Pass |
|                     |      |      | 10  | 120 | 5210.075 | 5150 to 5250 | Pass |
|                     |      |      | 30  | 120 | 5210.075 | 5150 to 5250 | Pass |
|                     |      |      | 40  | 120 | 5210.075 | 5150 to 5250 | Pass |
|                     |      |      | 50  | 120 | 5210.075 | 5150 to 5250 | Pass |
|                     |      | 5290 | 20  | 102 | 5290.075 | 5250 to 5350 | Pass |
|                     |      |      |     | 120 | 5290.075 | 5250 to 5350 | Pass |



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|  |  |      |     |     |          |              |      |
|--|--|------|-----|-----|----------|--------------|------|
|  |  |      |     | 138 | 5290.075 | 5250 to 5350 | Pass |
|  |  |      | -10 | 120 | 5290.075 | 5250 to 5350 | Pass |
|  |  |      | 0   | 120 | 5290.075 | 5250 to 5350 | Pass |
|  |  |      | 10  | 120 | 5290.075 | 5250 to 5350 | Pass |
|  |  |      | 30  | 120 | 5290.075 | 5250 to 5350 | Pass |
|  |  |      | 40  | 120 | 5290.075 | 5250 to 5350 | Pass |
|  |  |      | 50  | 120 | 5290.075 | 5250 to 5350 | Pass |
|  |  | 5530 | 20  | 102 | 5530.075 | 5470 to 5725 | Pass |
|  |  |      |     | 120 | 5530.150 | 5470 to 5725 | Pass |
|  |  |      |     | 138 | 5530.075 | 5470 to 5725 | Pass |
|  |  |      | -10 | 120 | 5530.075 | 5470 to 5725 | Pass |
|  |  |      | 0   | 120 | 5530.075 | 5470 to 5725 | Pass |
|  |  |      | 10  | 120 | 5530.000 | 5470 to 5725 | Pass |
|  |  |      | 30  | 120 | 5530.075 | 5470 to 5725 | Pass |
|  |  |      | 40  | 120 | 5530.075 | 5470 to 5725 | Pass |
|  |  |      | 50  | 120 | 5530.075 | 5470 to 5725 | Pass |
|  |  | 5610 | 20  | 102 | 5610.075 | 5470 to 5725 | Pass |
|  |  |      |     | 120 | 5610.075 | 5470 to 5725 | Pass |
|  |  |      |     | 138 | 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 | 5610.075 | 5470 to 5725 | Pass |
|  |  |      | 40  | 120 | 5610.075 | 5470 to 5725 | Pass |
|  |  |      | 50  | 120 | 5610.075 | 5470 to 5725 | Pass |
|  |  | 5775 | 20  | 102 | 5775.075 | 5725 to 5850 | Pass |
|  |  |      |     | 120 | 5775.075 | 5725 to 5850 | Pass |
|  |  |      |     | 138 | 5775.075 | 5725 to 5850 | Pass |
|  |  |      | -10 | 120 | 5775.075 | 5725 to 5850 | Pass |
|  |  |      | 0   | 120 | 5775.150 | 5725 to 5850 | Pass |
|  |  |      | 10  | 120 | 5775.075 | 5725 to 5850 | Pass |
|  |  |      | 30  | 120 | 5775.075 | 5725 to 5850 | Pass |
|  |  |      | 40  | 120 | 5775.075 | 5725 to 5850 | Pass |
|  |  |      | 50  | 120 | 5775.075 | 5725 to 5850 | Pass |



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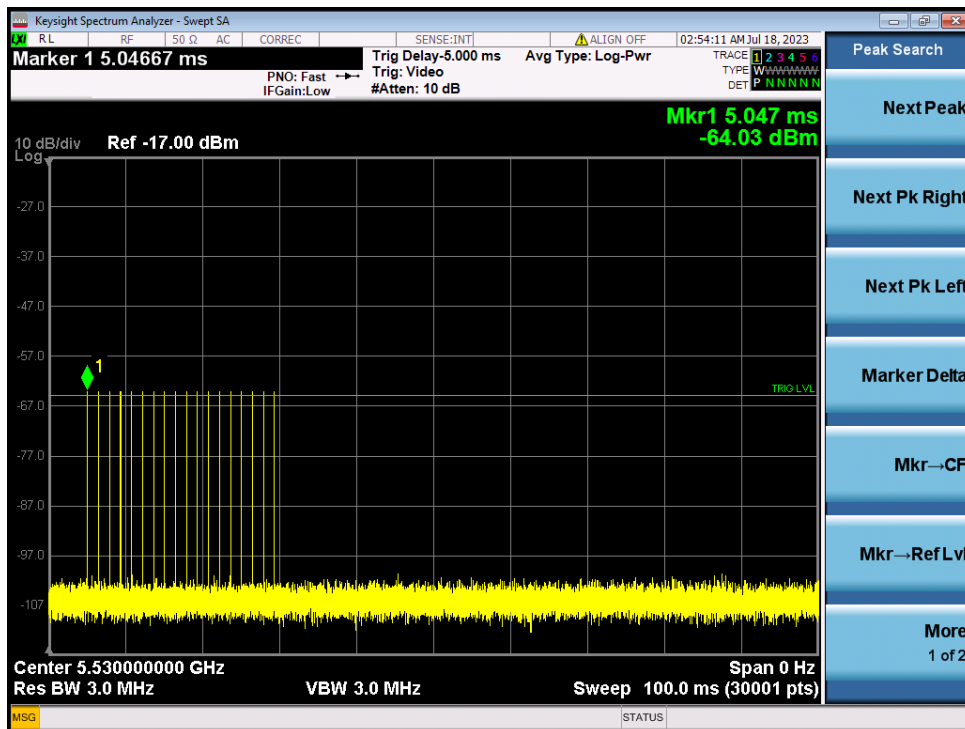
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn  
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

## 6. DFS (Dynamic Frequency Selection)

### Test Result:

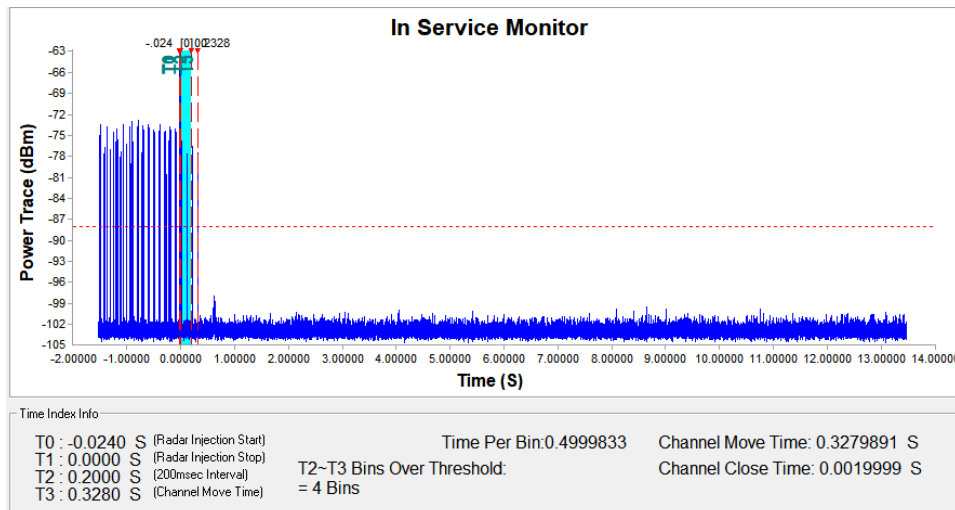
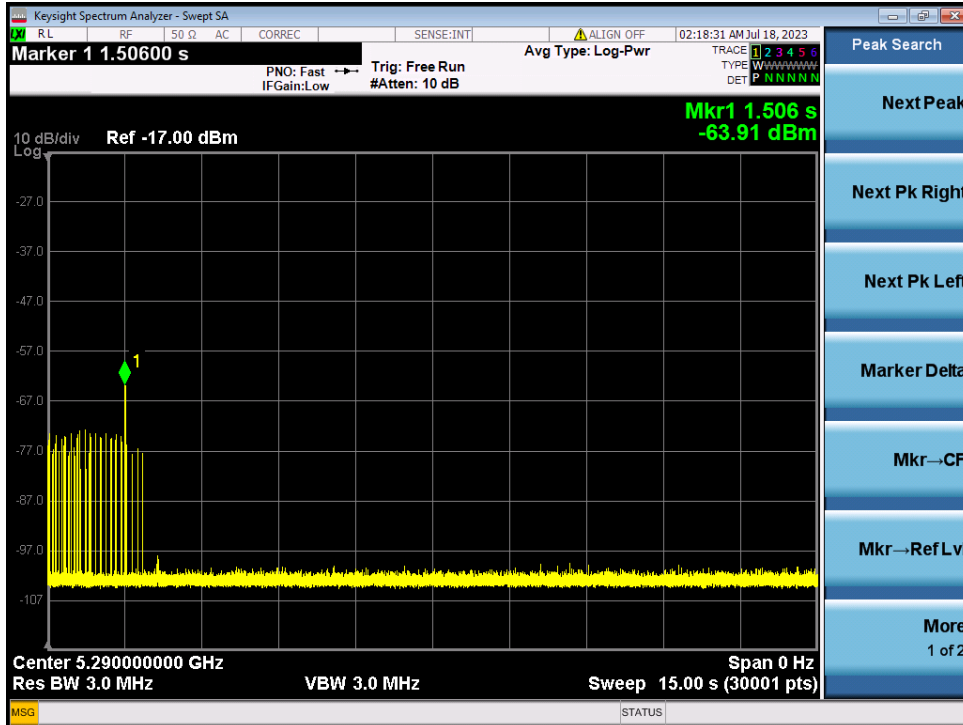
| BW/Channel                       | Test Item                         | Result |
|----------------------------------|-----------------------------------|--------|
| 80MHz/5290MHz;<br>80MHz/5530MHz; | Channel Availability Check Time   | N/A    |
|                                  | Minimum Off-Channel CAC Time      | N/A    |
|                                  | Maximum Off-Channel CAC Time      | N/A    |
|                                  | In-Service Monitoring             | N/A    |
|                                  | Channel Move Time                 | Pass   |
|                                  | Channel Closing Transmission Time | Pass   |
|                                  | Non-Occupancy Period              | N/A    |
|                                  | Uniform Spreading                 | N/A    |

### Radar:



### Channel Shutdown

5290MHz:



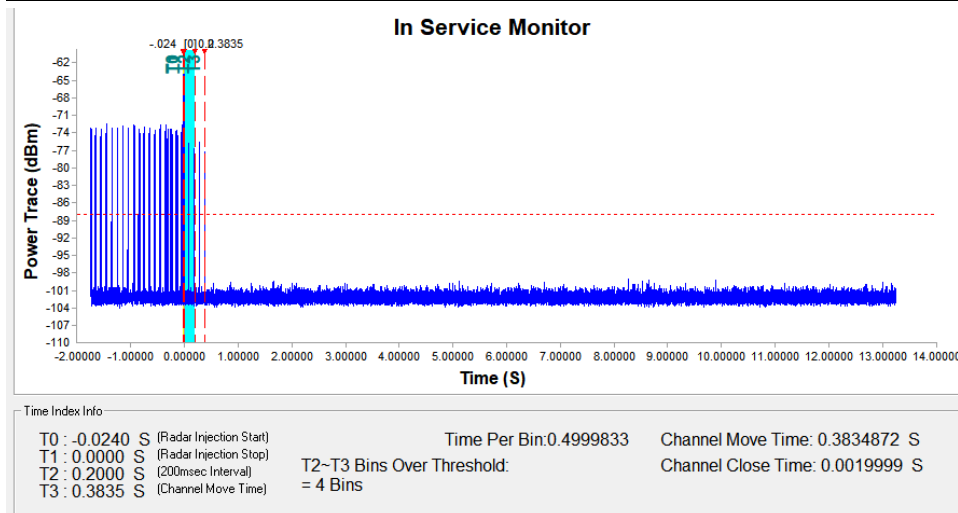
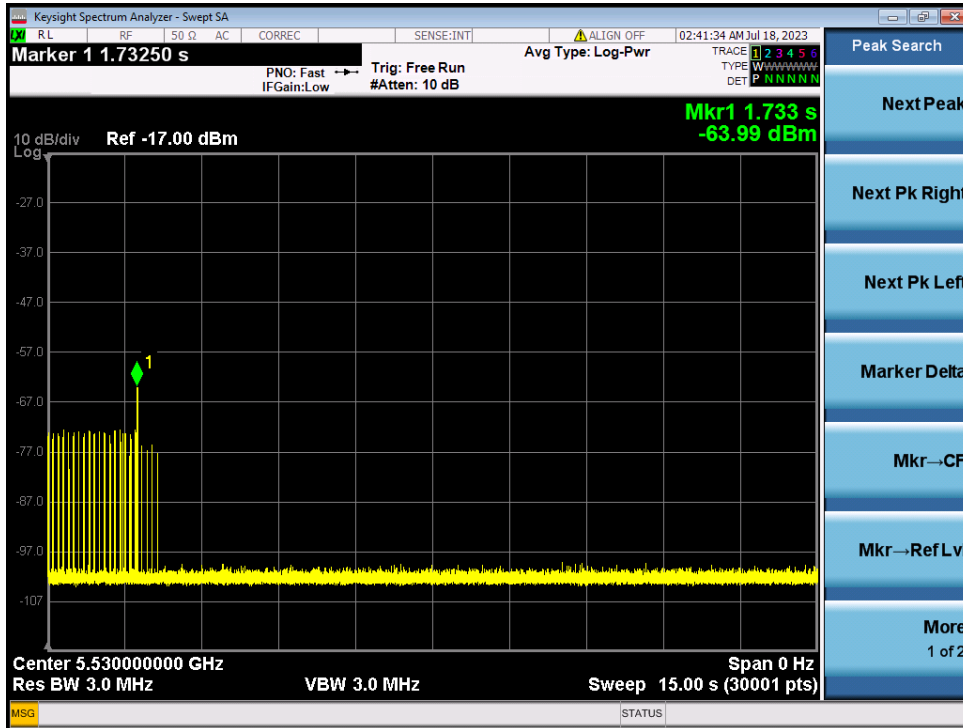
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### 5530MHz:



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For Module: SKIWB800DS2.1

### 1. Duty Cycle

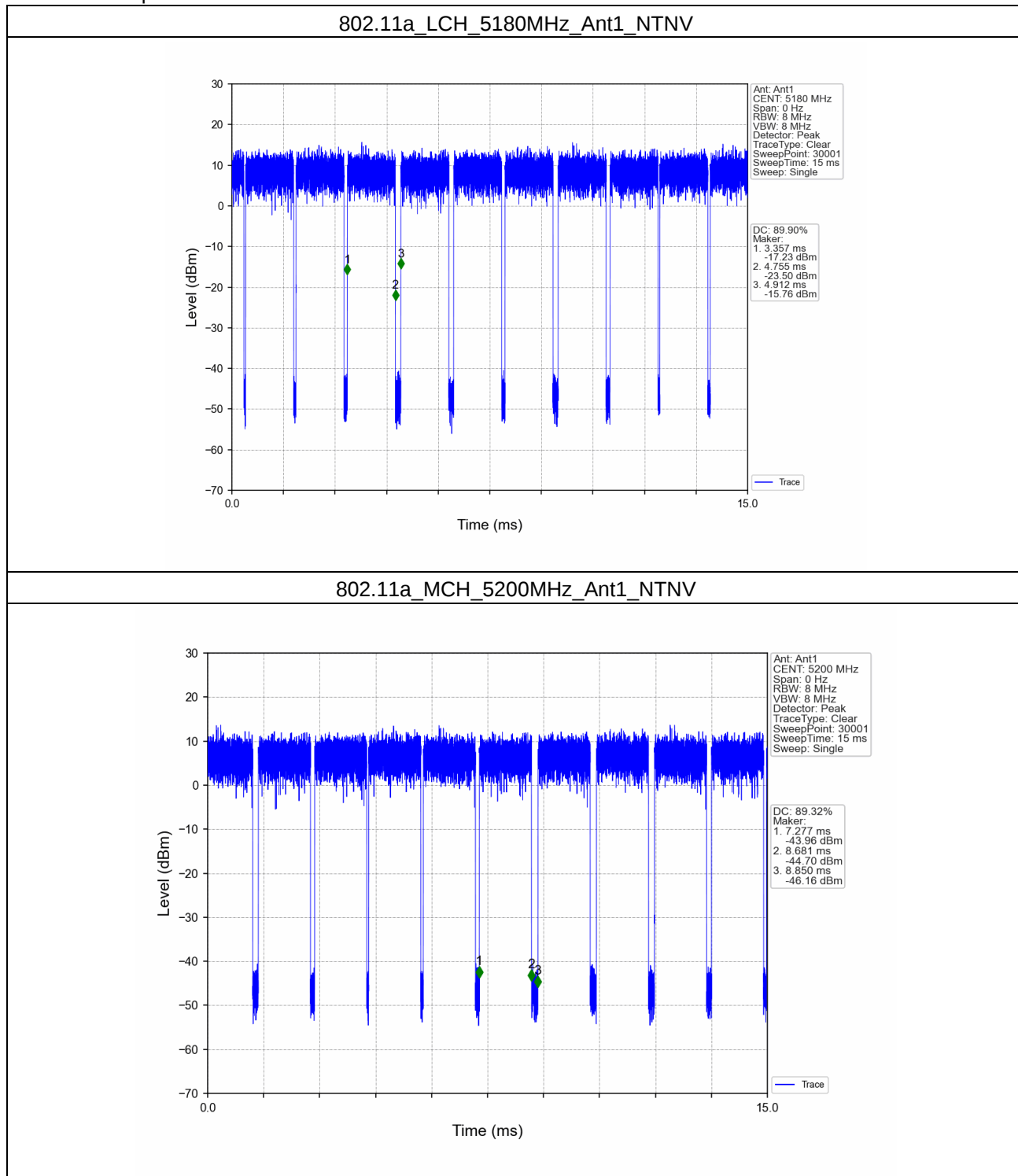
#### 1.1 Ant1

##### 1.1.1 Test Result

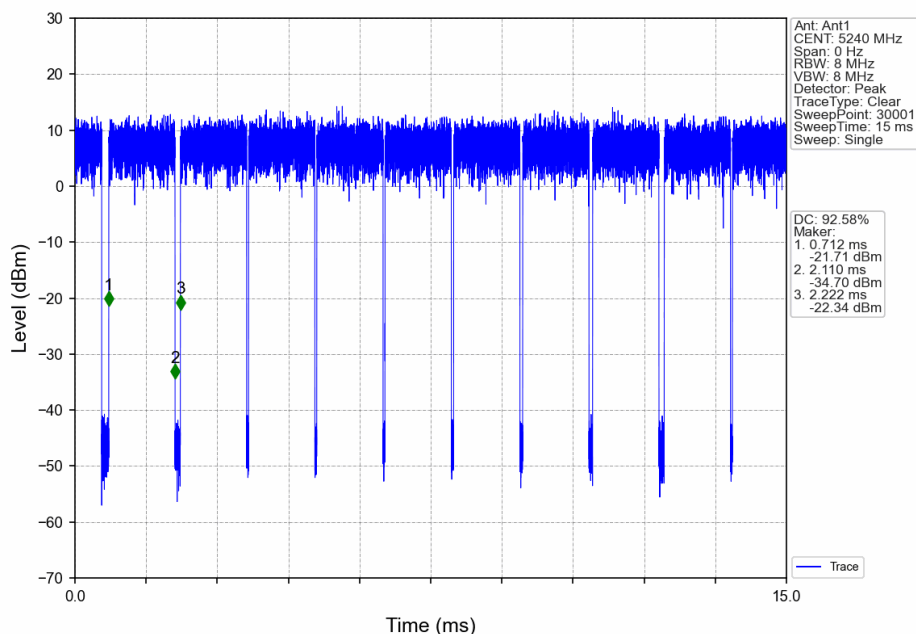
| Ant1             |         |                 |       |        |           |             |                |                                   |                       |
|------------------|---------|-----------------|-------|--------|-----------|-------------|----------------|-----------------------------------|-----------------------|
| Mode             | TX Type | Frequency (MHz) | RU    | RU Pos | T_on (ms) | Period (ms) | Duty Cycle (%) | Duty Cycle Correction Factor (dB) | Max. DC Variation (%) |
| 802.11a          | SISO    | 5180            | /     | /      | 1.398     | 1.555       | 89.90          | 0.46                              | 6.71                  |
|                  |         | 5200            | /     | /      | 1.405     | 1.573       | 89.32          | 0.49                              | 7.78                  |
|                  |         | 5240            | /     | /      | 1.398     | 1.510       | 92.58          | 0.33                              | 4.64                  |
| 802.11n (HT20)   | SISO    | 5180            | /     | /      | 1.306     | 1.463       | 89.27          | 0.49                              | 5.83                  |
|                  |         | 5200            | /     | /      | 1.305     | 1.481       | 88.12          | 0.55                              | 5.74                  |
|                  |         | 5240            | /     | /      | 1.306     | 1.481       | 88.18          | 0.55                              | 8.84                  |
| 802.11n (HT40)   | SISO    | 5190            | /     | /      | 3.005     | 3.118       | 96.38          | 0.16                              | 2.30                  |
|                  |         | 5230            | /     | /      | 3.012     | 3.172       | 94.96          | 0.22                              | 3.96                  |
| 802.11ac (VHT20) | SISO    | 5180            | /     | /      | 1.318     | 1.439       | 91.59          | 0.38                              | 5.46                  |
|                  |         | 5200            | /     | /      | 1.317     | 1.492       | 88.27          | 0.54                              | 8.80                  |
|                  |         | 5240            | /     | /      | 1.318     | 1.466       | 89.90          | 0.46                              | 5.89                  |
| 802.11ac (VHT40) | SISO    | 5190            | /     | /      | 0.093     | 0.224       | 41.52          | 3.82                              | 28.01                 |
|                  |         | 5230            | /     | /      | 0.658     | 0.806       | 81.64          | 0.88                              | 12.60                 |
| 802.11ax (HEW20) | SISO    | 5180            | RU242 | Left   | 1.007     | 1.183       | 85.12          | 0.70                              | 10.14                 |
|                  |         | 5200            | RU242 | Left   | 1.007     | 1.183       | 85.12          | 0.70                              | 7.03                  |
|                  |         | 5240            | RU242 | Left   | 1.006     | 1.155       | 87.10          | 0.60                              | 8.97                  |
| 802.11ax (HEW40) | SISO    | 5190            | RU484 | Left   | 0.531     | 0.706       | 75.21          | 1.24                              | 17.77                 |
|                  |         | 5230            | RU484 | Left   | 0.531     | 0.643       | 82.58          | 0.83                              | 10.40                 |



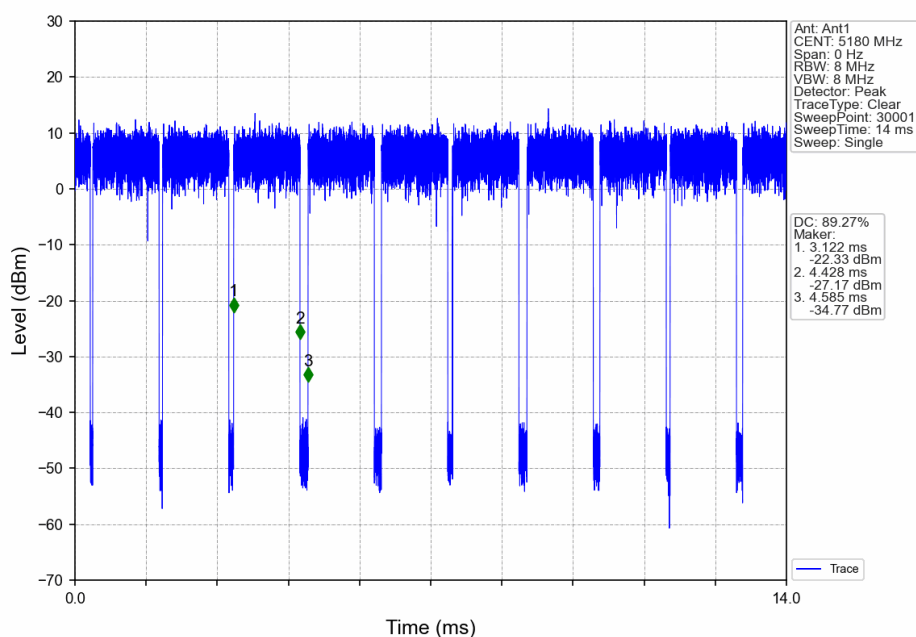
### 1.1.2 Test Graph



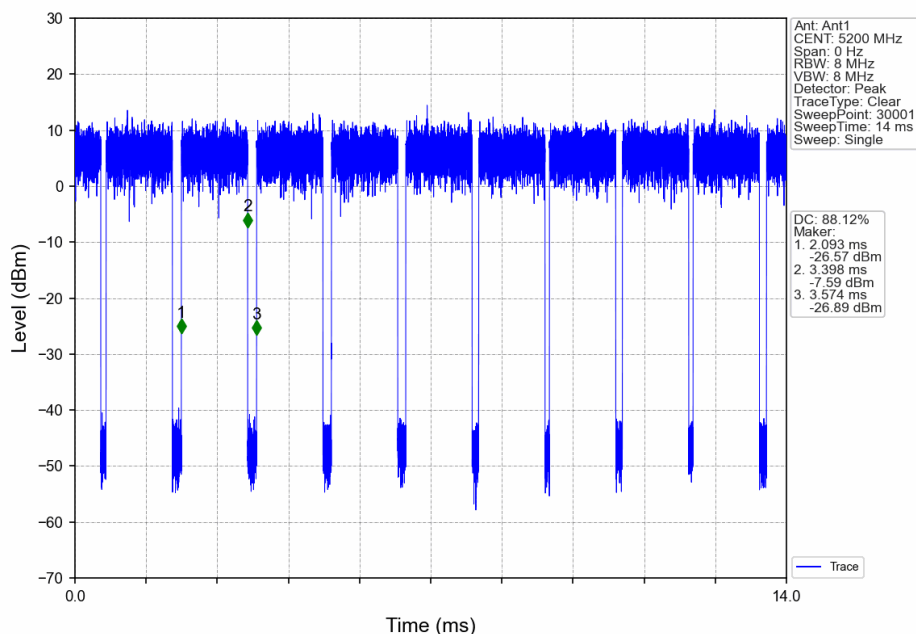
### 802.11a\_HCH\_5240MHz\_Ant1\_NTNV



### 802.11n(HT20)\_LCH\_5180MHz\_Ant1\_NTNV



### 802.11n(HT20)\_MCH\_5200MHz\_Ant1\_NTNV



### 802.11n(HT20)\_HCH\_5240MHz\_Ant1\_NTNV

