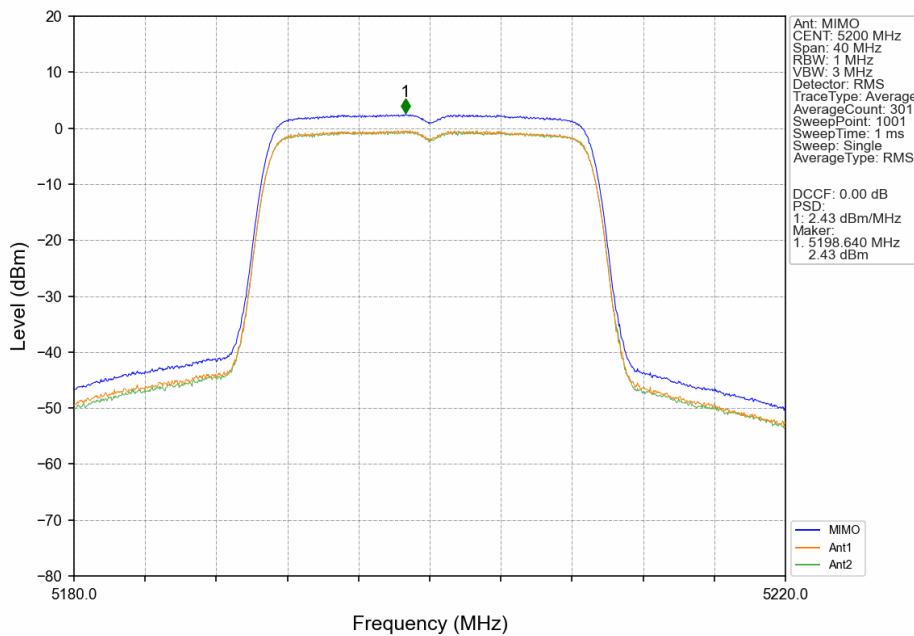
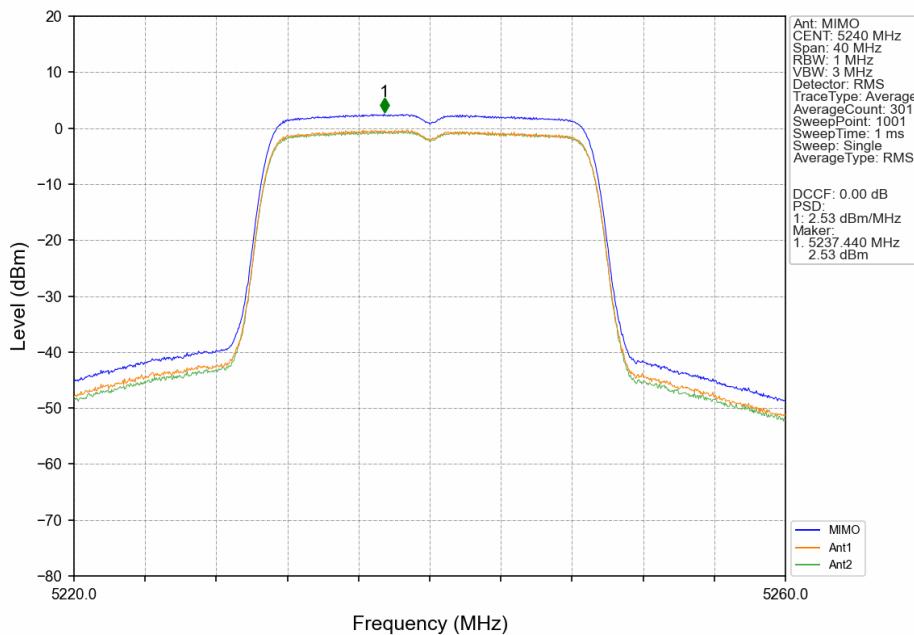


**802.11n(HT20)\_MCH\_5200MHz\_MIMO\_NTNV****802.11n(HT20)\_HCH\_5240MHz\_MIMO\_NTNV**

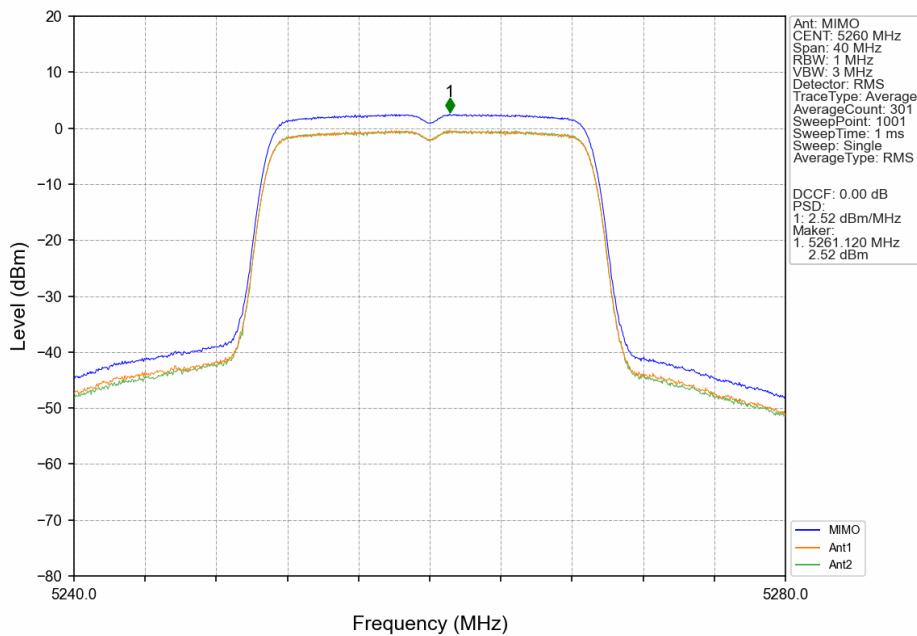
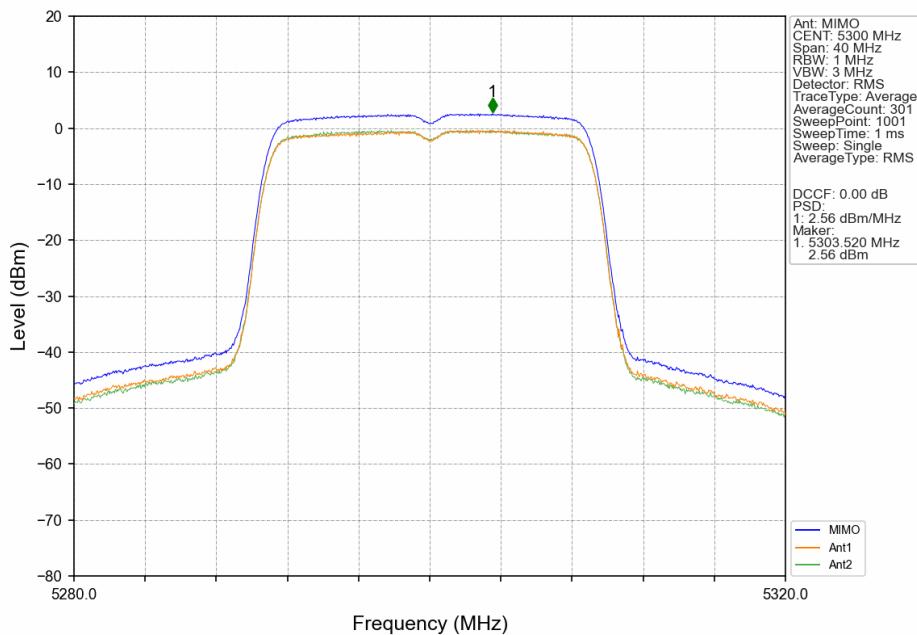
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**802.11n(HT20)\_LCH\_5260MHz\_MIMO\_NTNV****802.11n(HT20)\_MCH\_5300MHz\_MIMO\_NTNV**

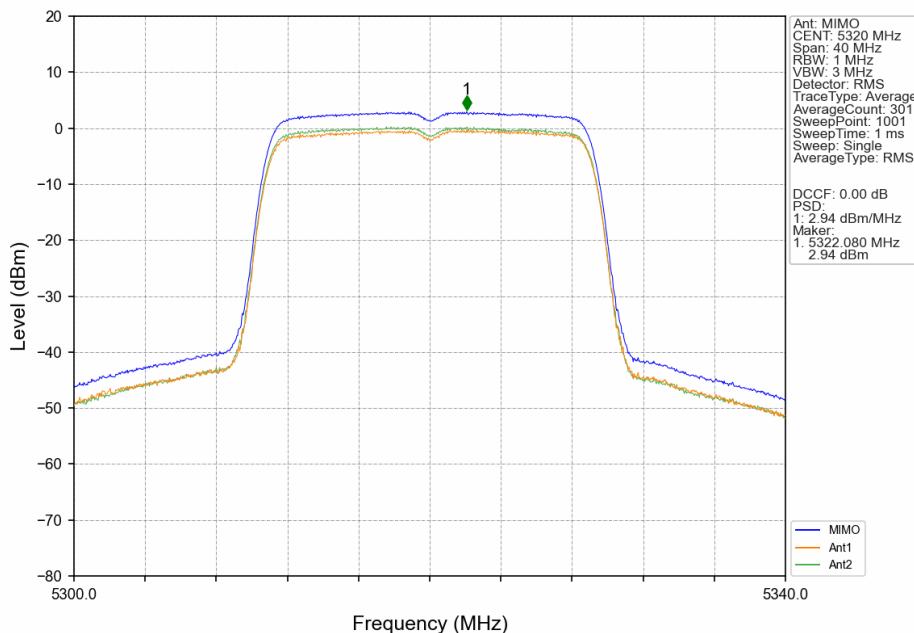
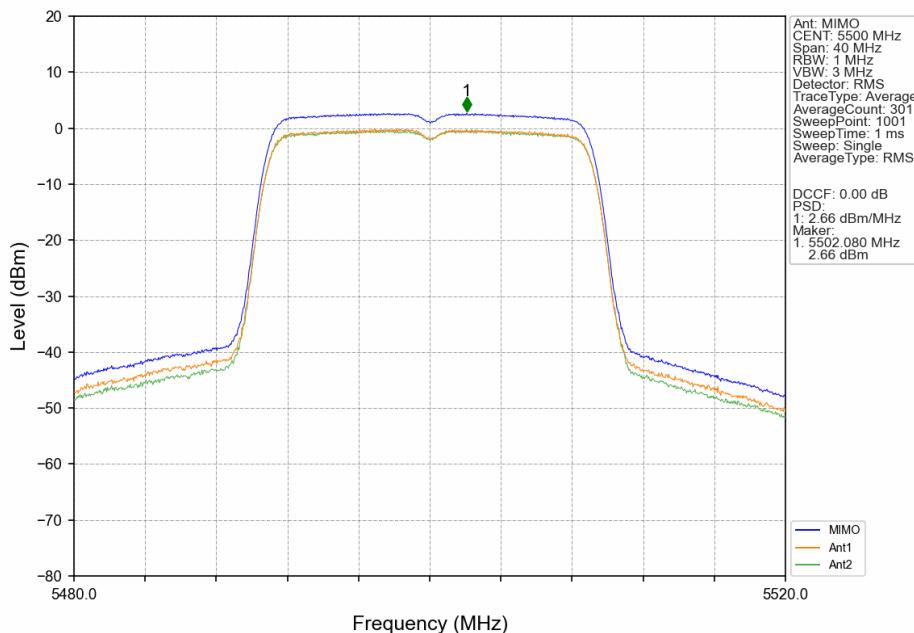
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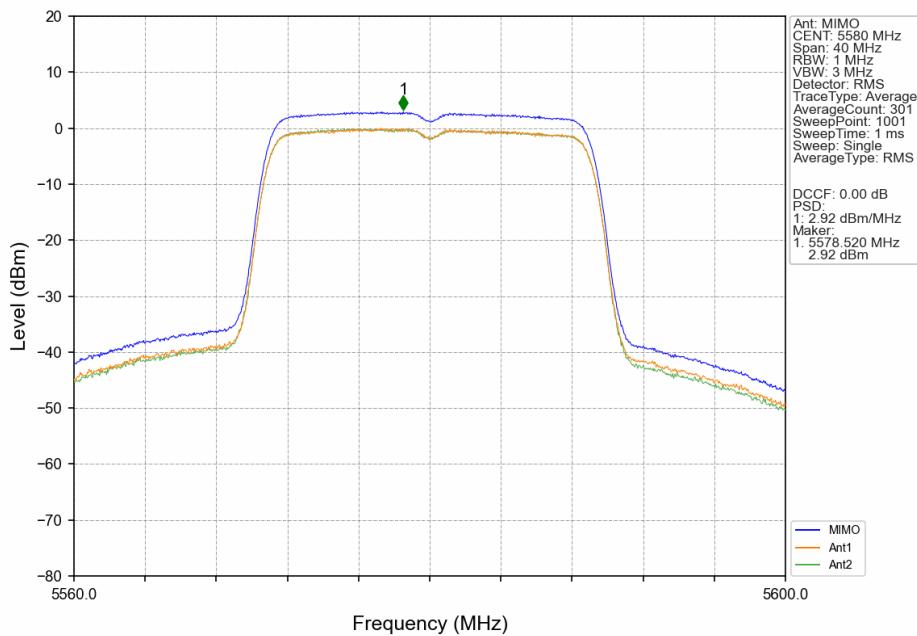
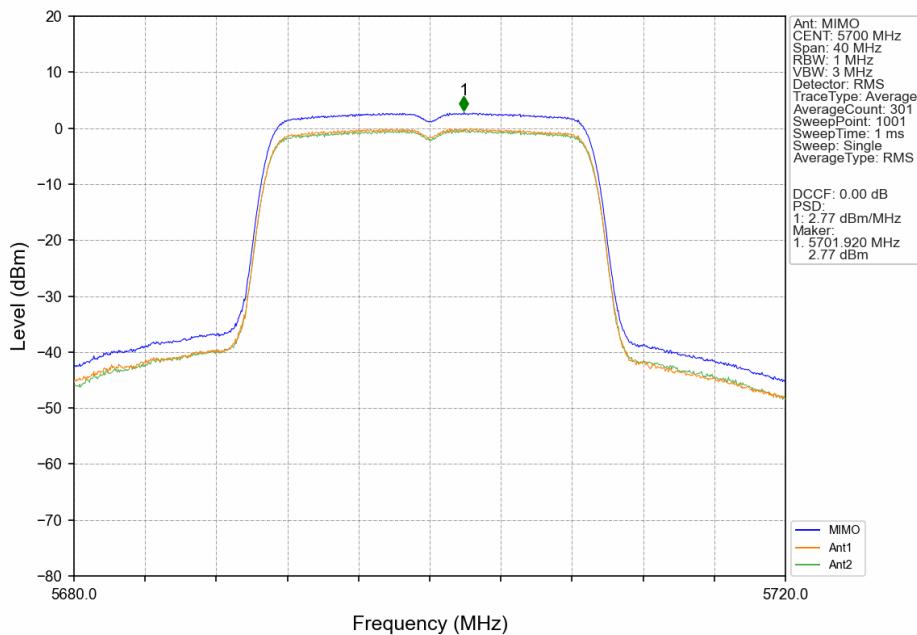
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**802.11n(HT20)\_HCH\_5320MHz\_MIMO\_NTNV****802.11n(HT20)\_LCH\_5500MHz\_MIMO\_NTNV**

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**802.11n(HT20)\_MCH\_5580MHz\_MIMO\_NTNV****802.11n(HT20)\_HCH\_5700MHz\_MIMO\_NTNV**

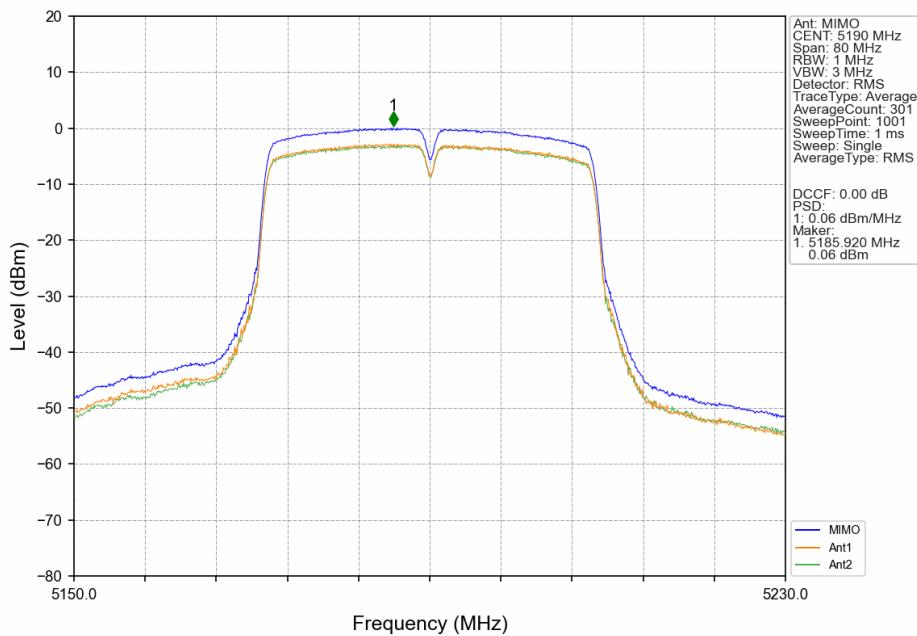
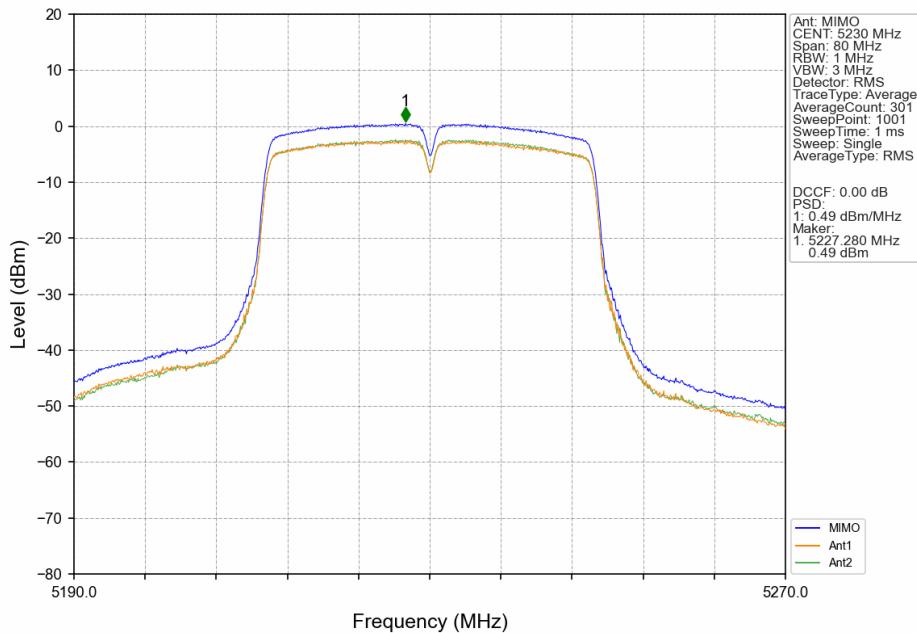
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**802.11n(HT40)\_LCH\_5190MHz\_MIMO\_NTNV****802.11n(HT40)\_HCH\_5230MHz\_MIMO\_NTNV**

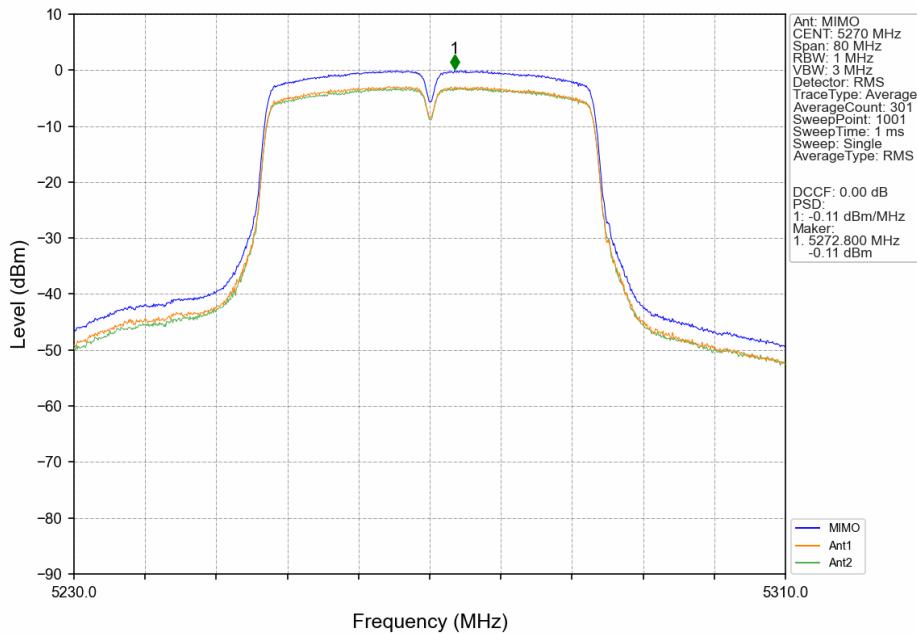
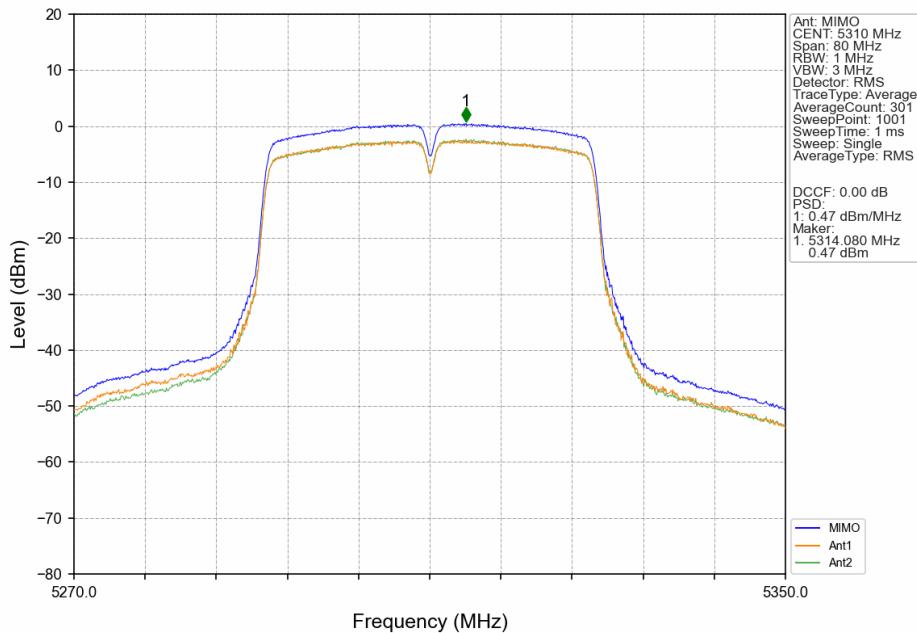
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**802.11n(HT40)\_LCH\_5270MHz\_MIMO\_NTNV****802.11n(HT40)\_HCH\_5310MHz\_MIMO\_NTNV**

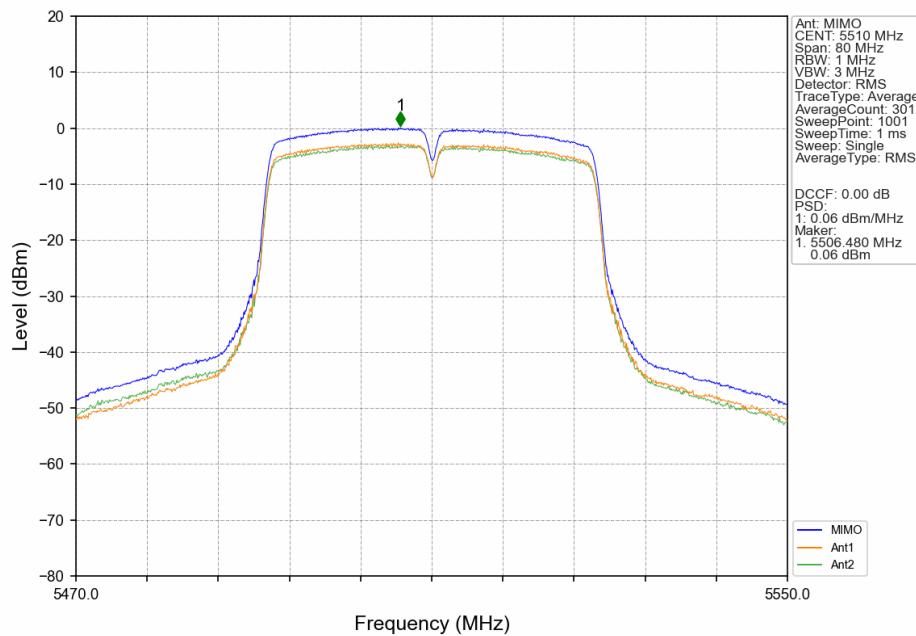
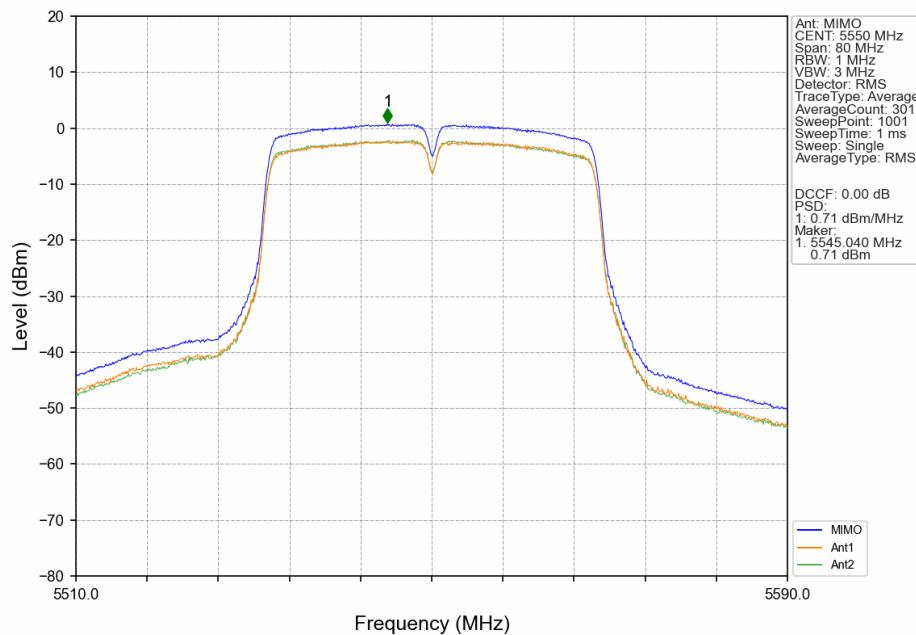
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**802.11n(HT40)\_LCH\_5510MHz\_MIMO\_NTNV****802.11n(HT40)\_MCH\_5550MHz\_MIMO\_NTNV**

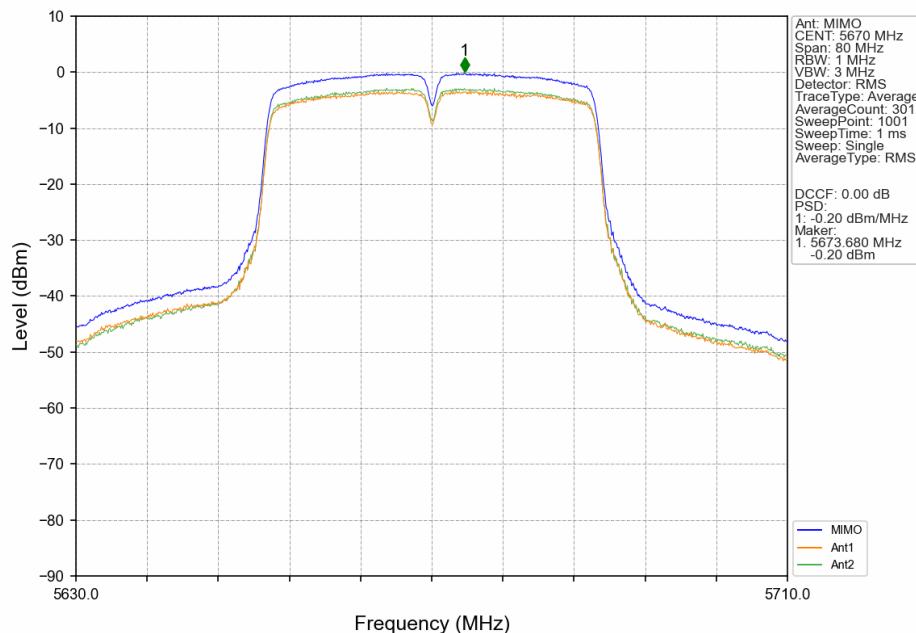
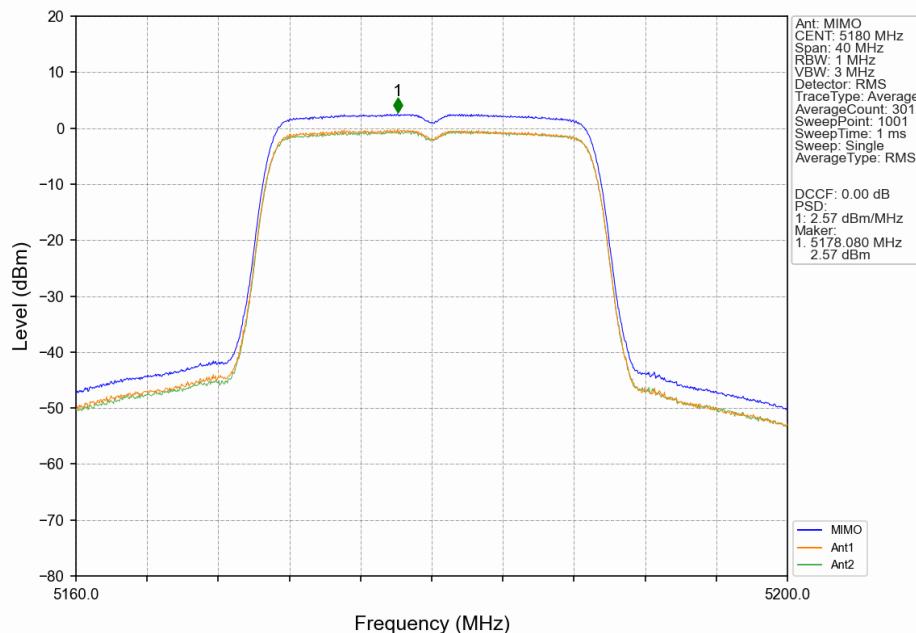
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**802.11n(HT40)\_HCH\_5670MHz\_MIMO\_NTNV****802.11ac(VHT20)\_LCH\_5180MHz\_MIMO\_NTNV**

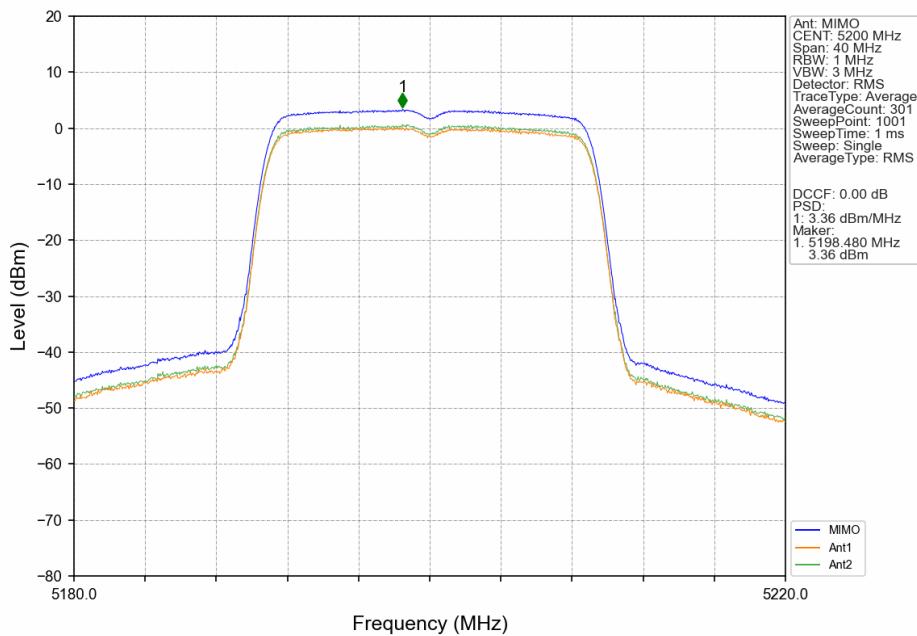
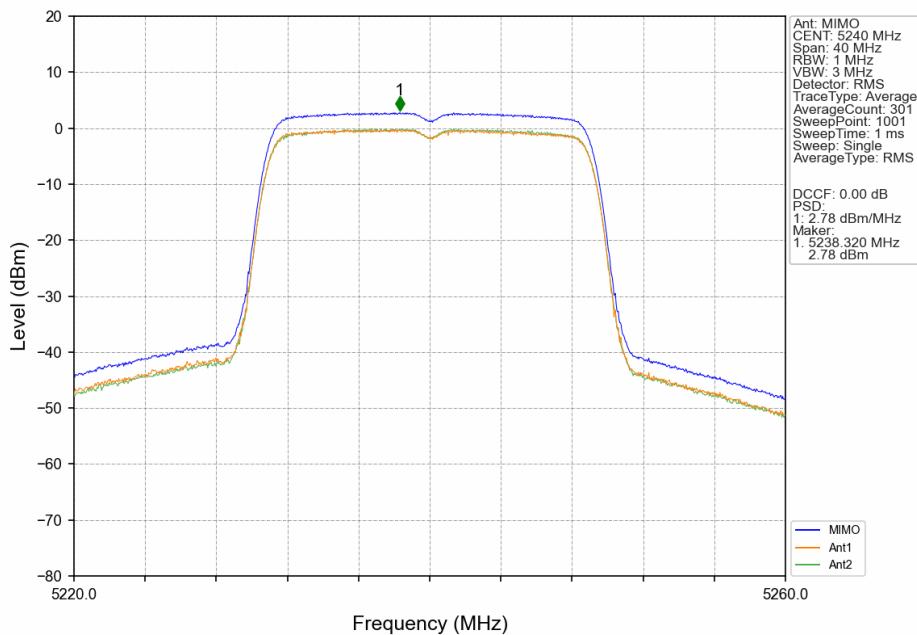
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**802.11ac(VHT20)\_MCH\_5200MHz\_MIMO\_NTNV****802.11ac(VHT20)\_HCH\_5240MHz\_MIMO\_NTNV**

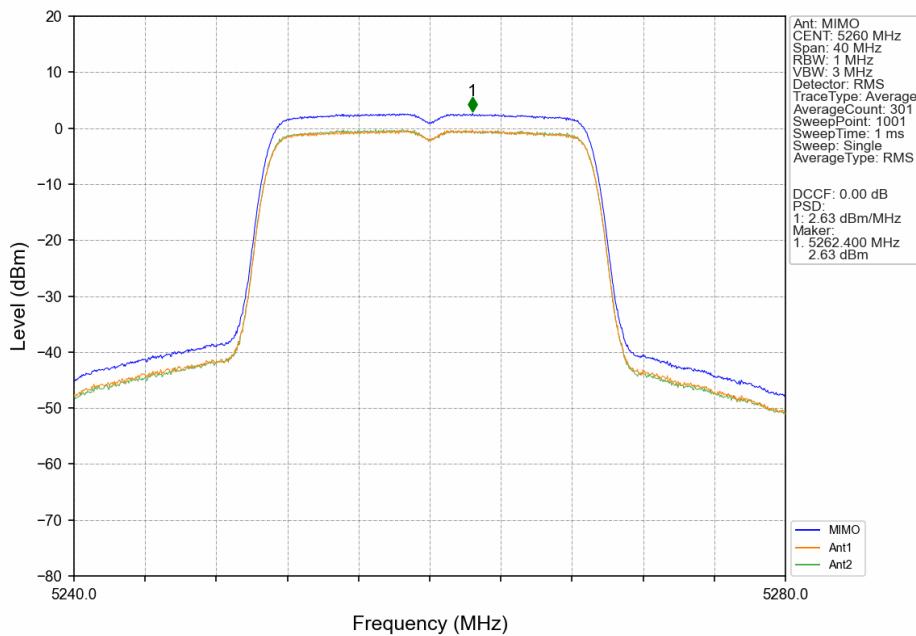
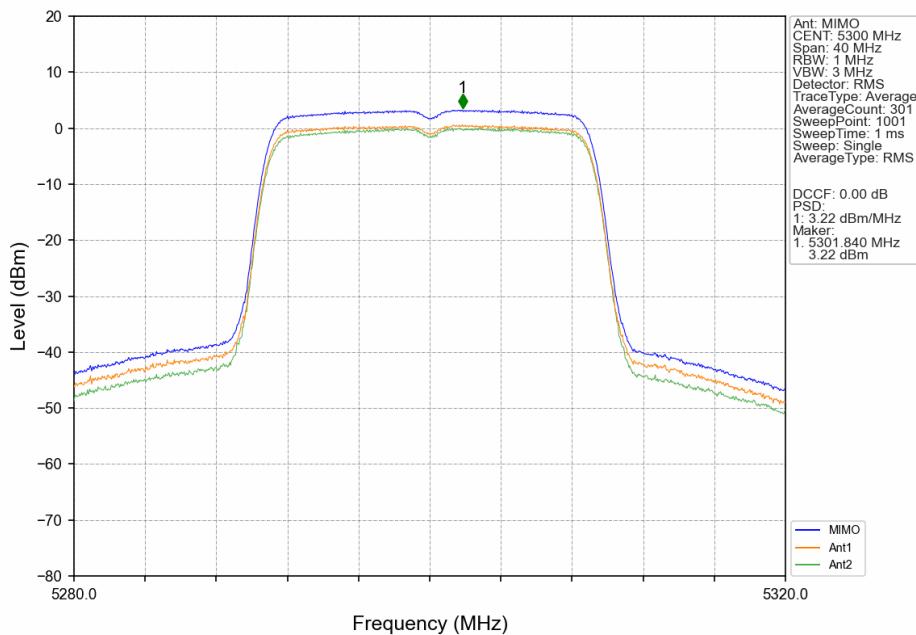
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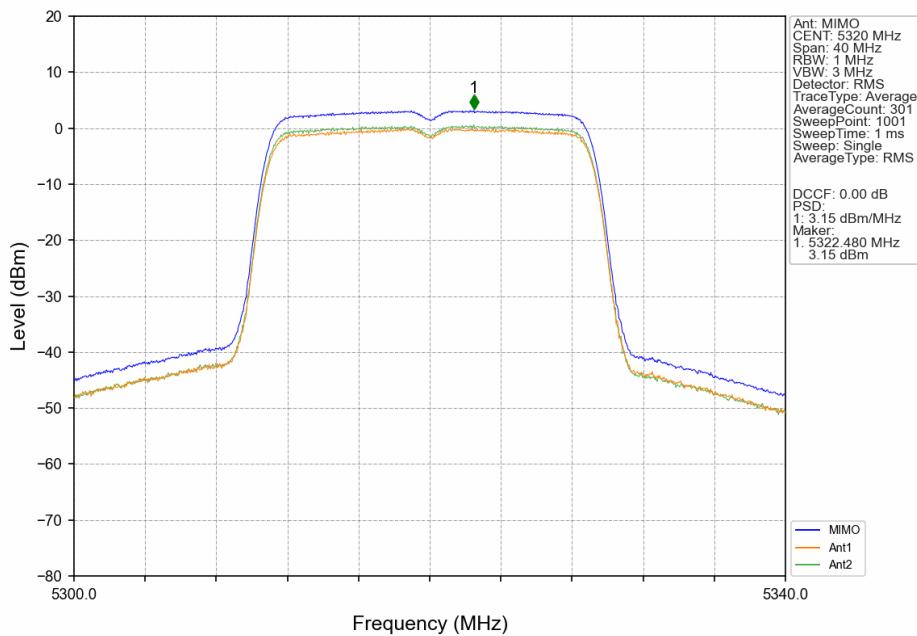
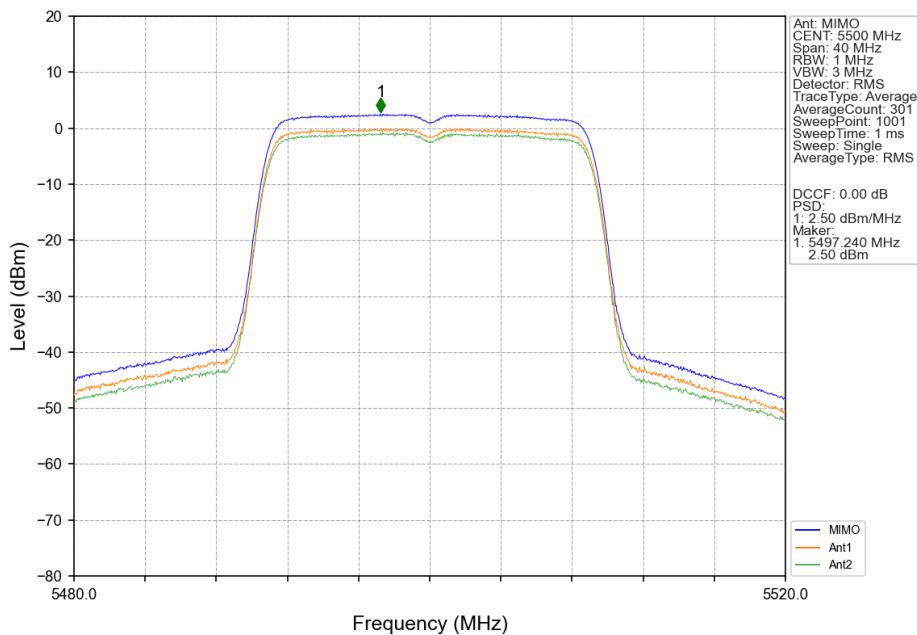
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**802.11ac(VHT20)\_LCH\_5260MHz\_MIMO\_NTNV****802.11ac(VHT20)\_MCH\_5300MHz\_MIMO\_NTNV**

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**802.11ac(VHT20)\_HCH\_5320MHz\_MIMO\_NTNV****802.11ac(VHT20)\_LCH\_5500MHz\_MIMO\_NTNV**

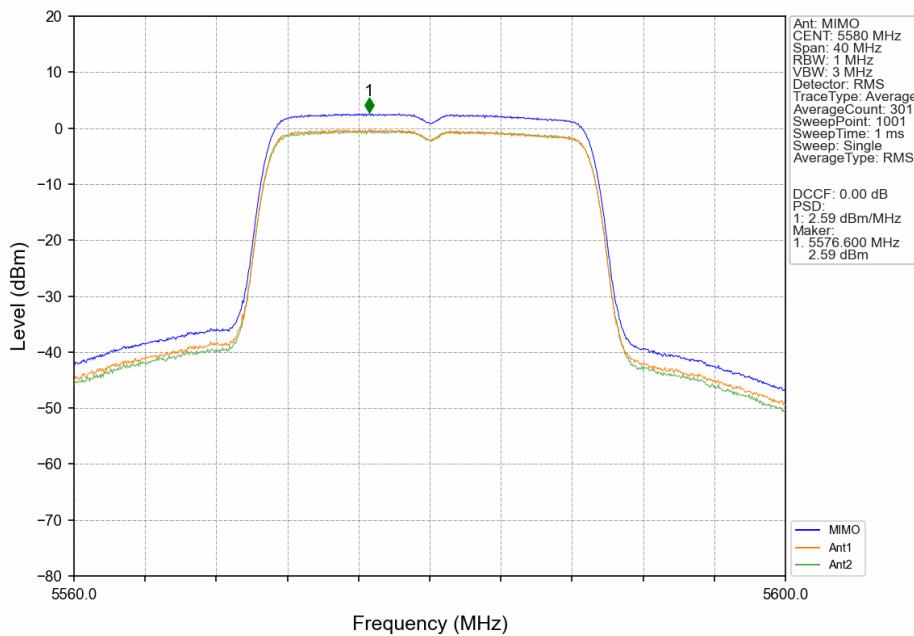
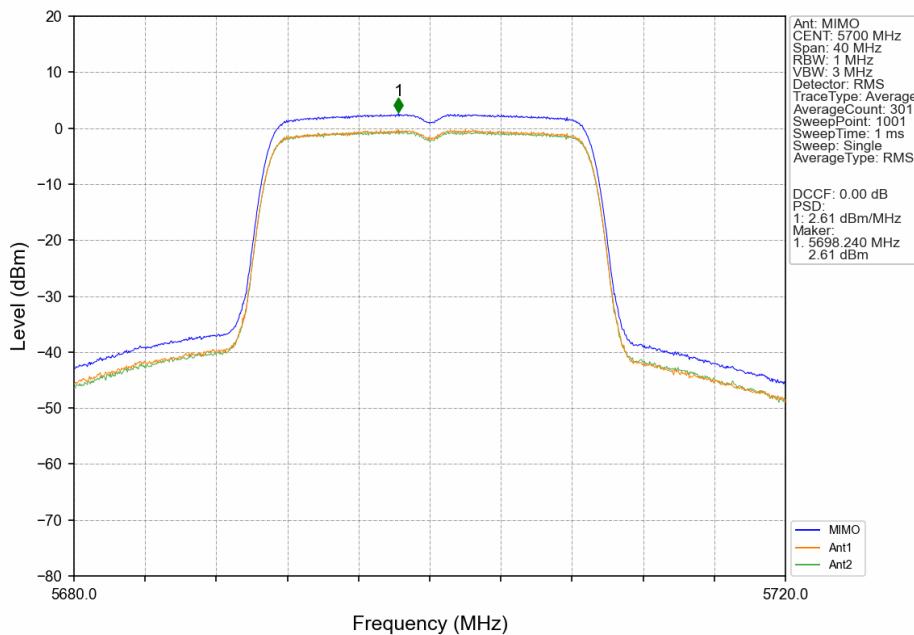
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**802.11ac(VHT20)\_MCH\_5580MHz\_MIMO\_NTNV****802.11ac(VHT20)\_HCH\_5700MHz\_MIMO\_NTNV**

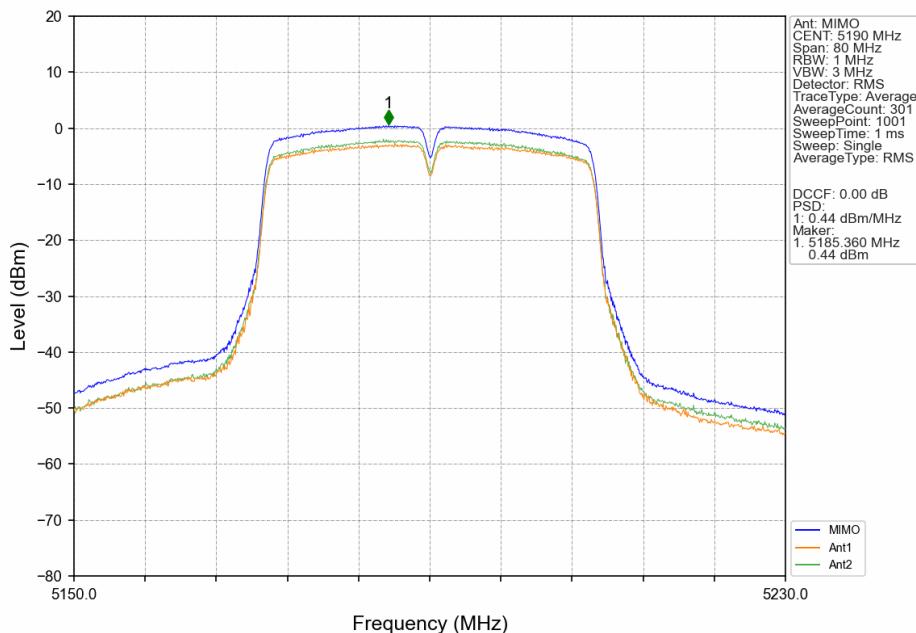
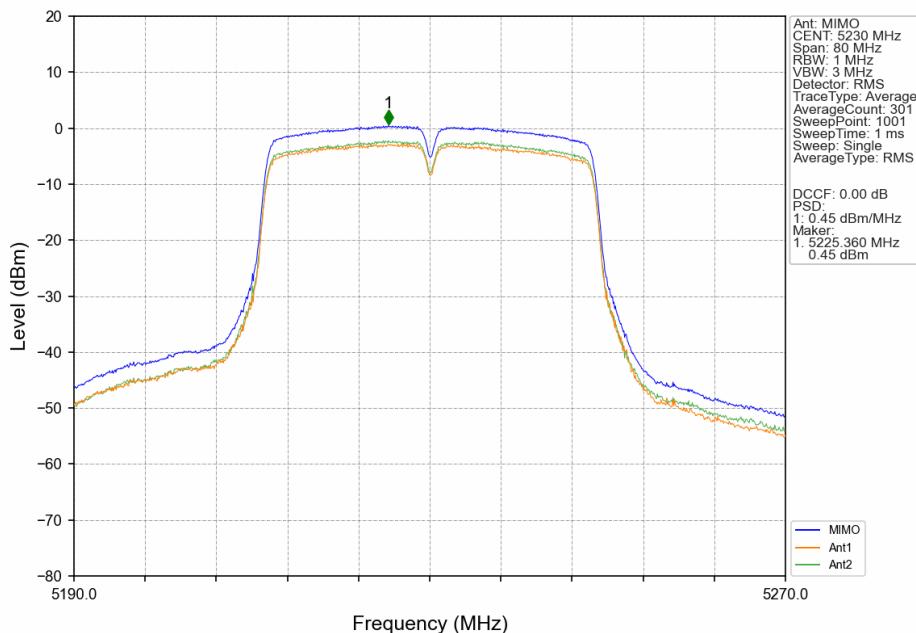
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**802.11ac(VHT40)\_LCH\_5190MHz\_MIMO\_NTNV****802.11ac(VHT40)\_HCH\_5230MHz\_MIMO\_NTNV**

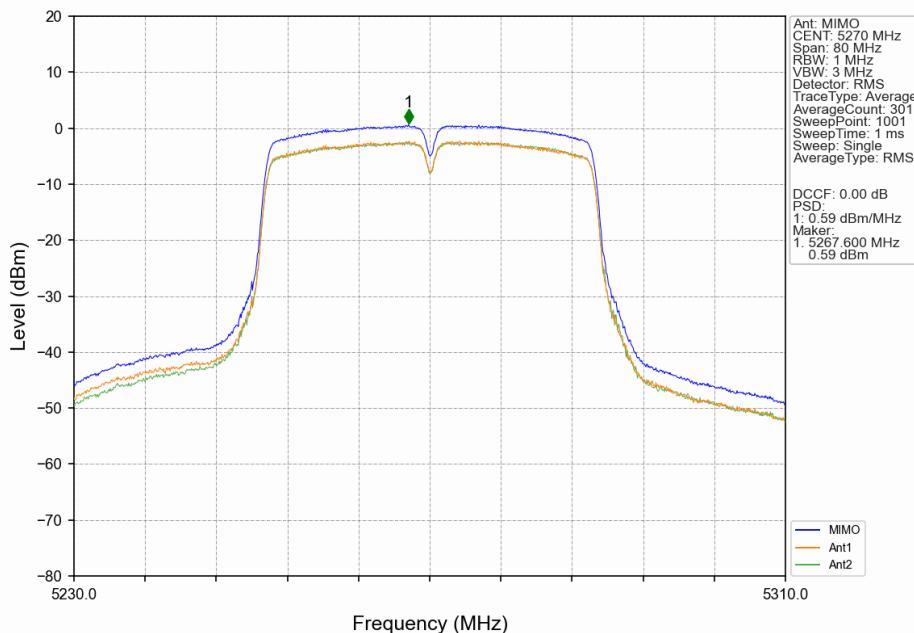
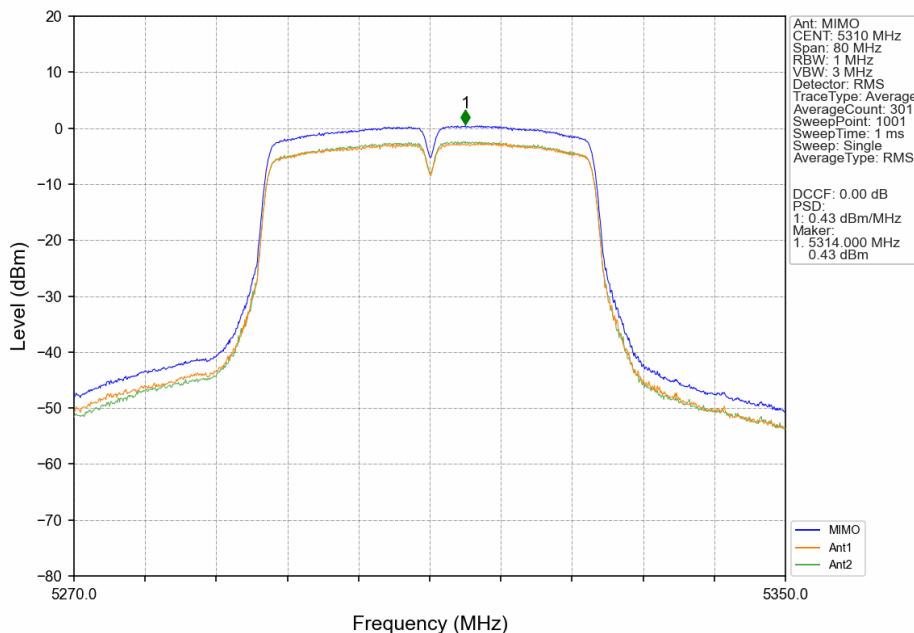
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**802.11ac(VHT40)\_LCH\_5270MHz\_MIMO\_NTNV****802.11ac(VHT40)\_HCH\_5310MHz\_MIMO\_NTNV**

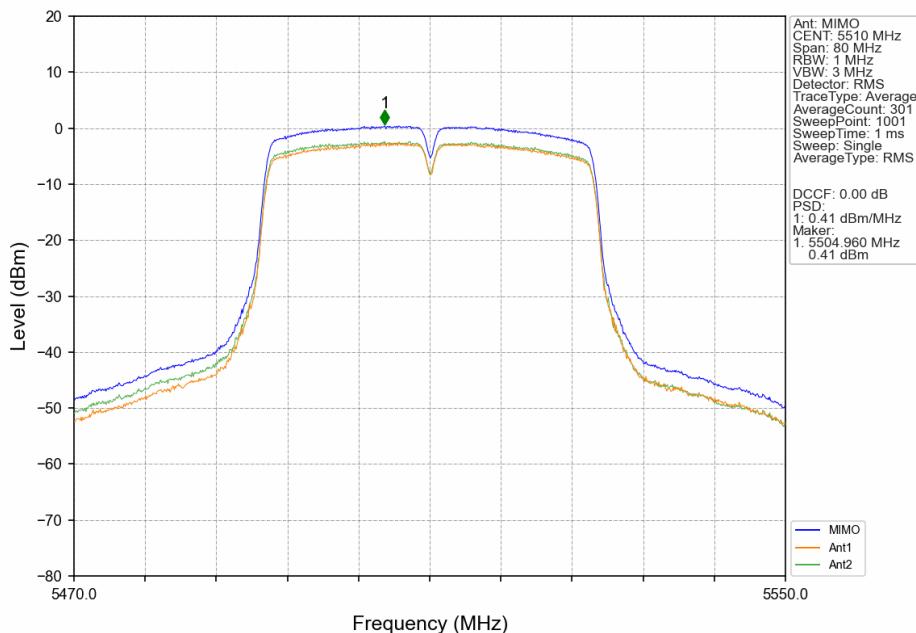
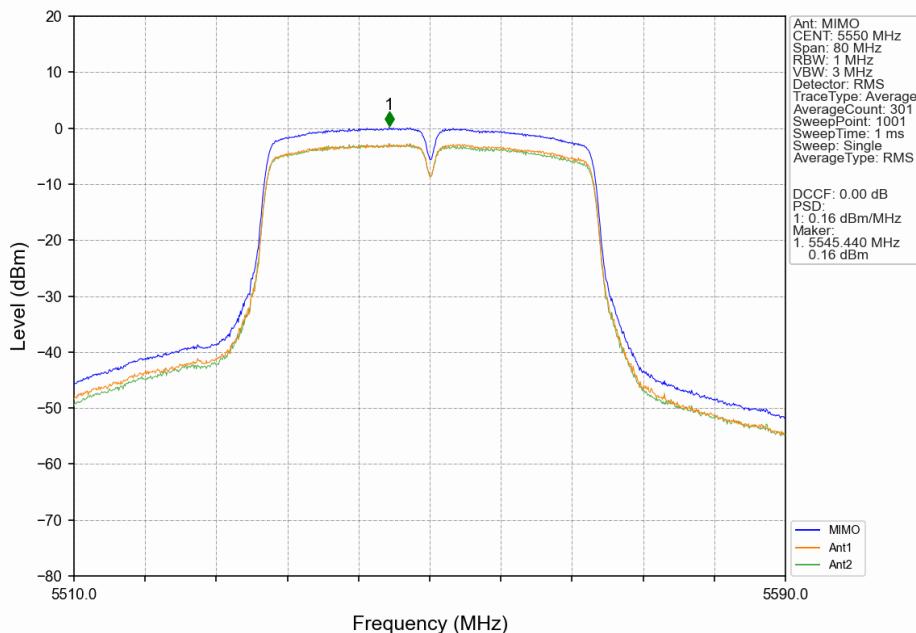
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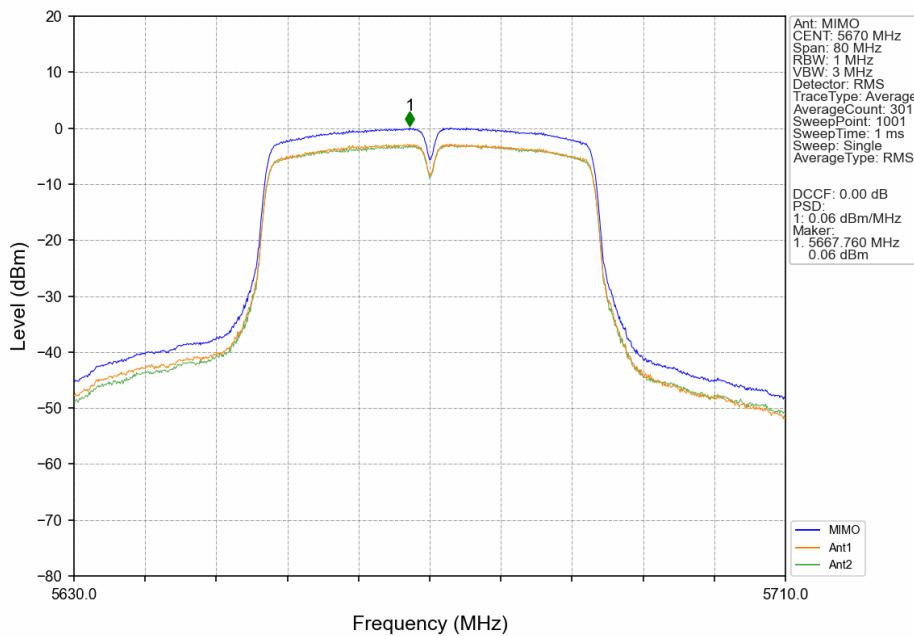
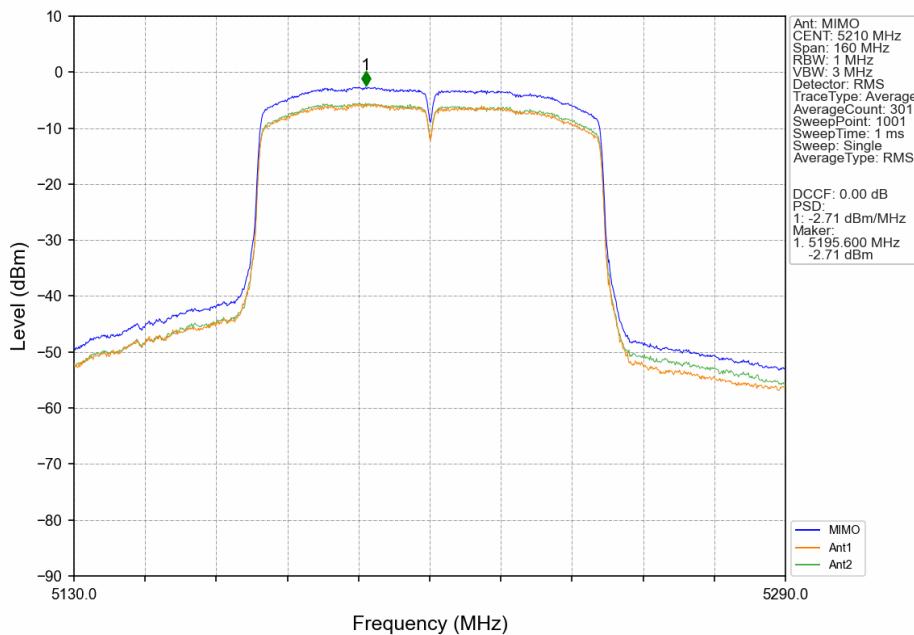
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**802.11ac(VHT40)\_LCH\_5510MHz\_MIMO\_NTNV****802.11ac(VHT40)\_MCH\_5550MHz\_MIMO\_NTNV**

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**802.11ac(VHT40)\_HCH\_5670MHz\_MIMO\_NTNV****802.11ac(VHT80)\_MCH\_5210MHz\_MIMO\_NTNV**

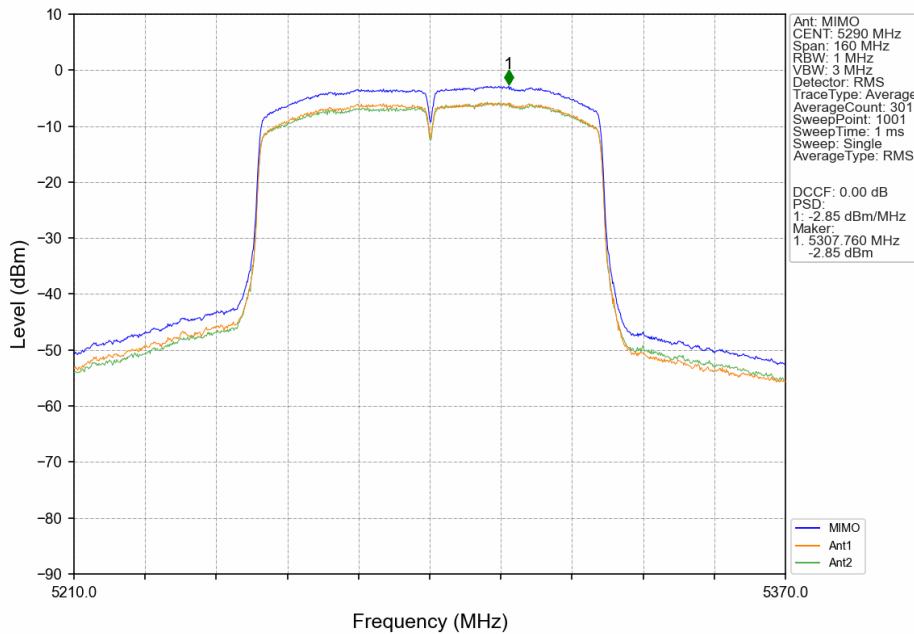
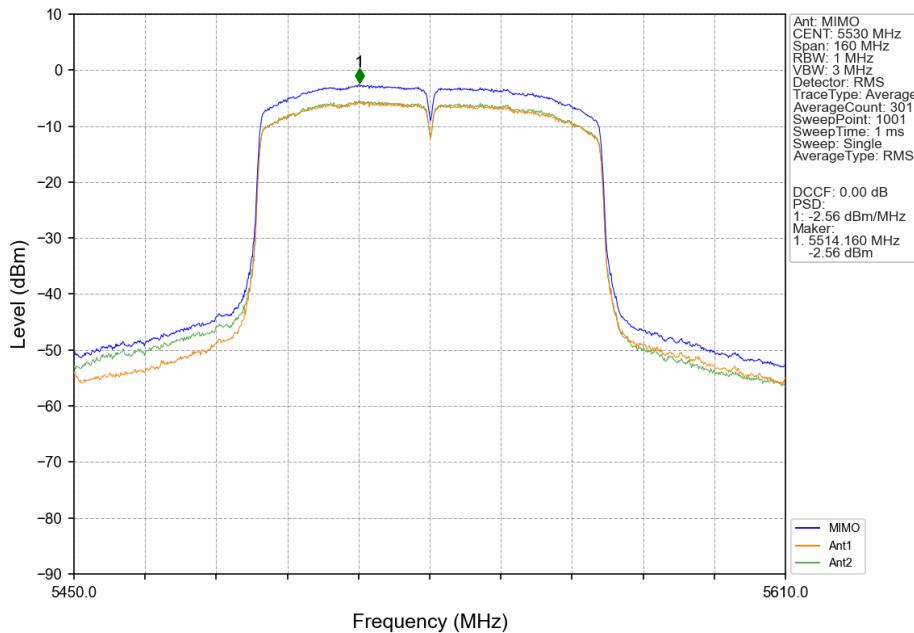
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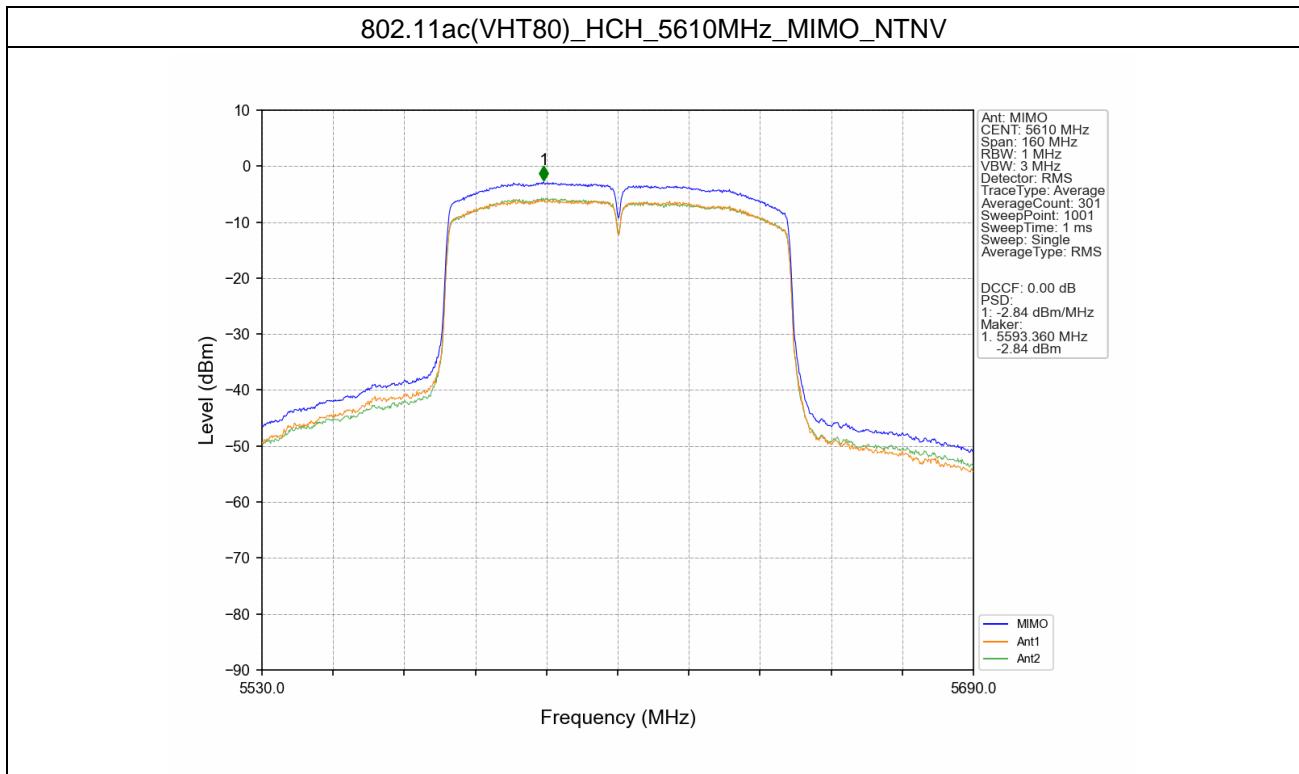
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**802.11ac(VHT80)\_MCH\_5290MHz\_MIMO\_NTNV****802.11ac(VHT80)\_LCH\_5530MHz\_MIMO\_NTNV**

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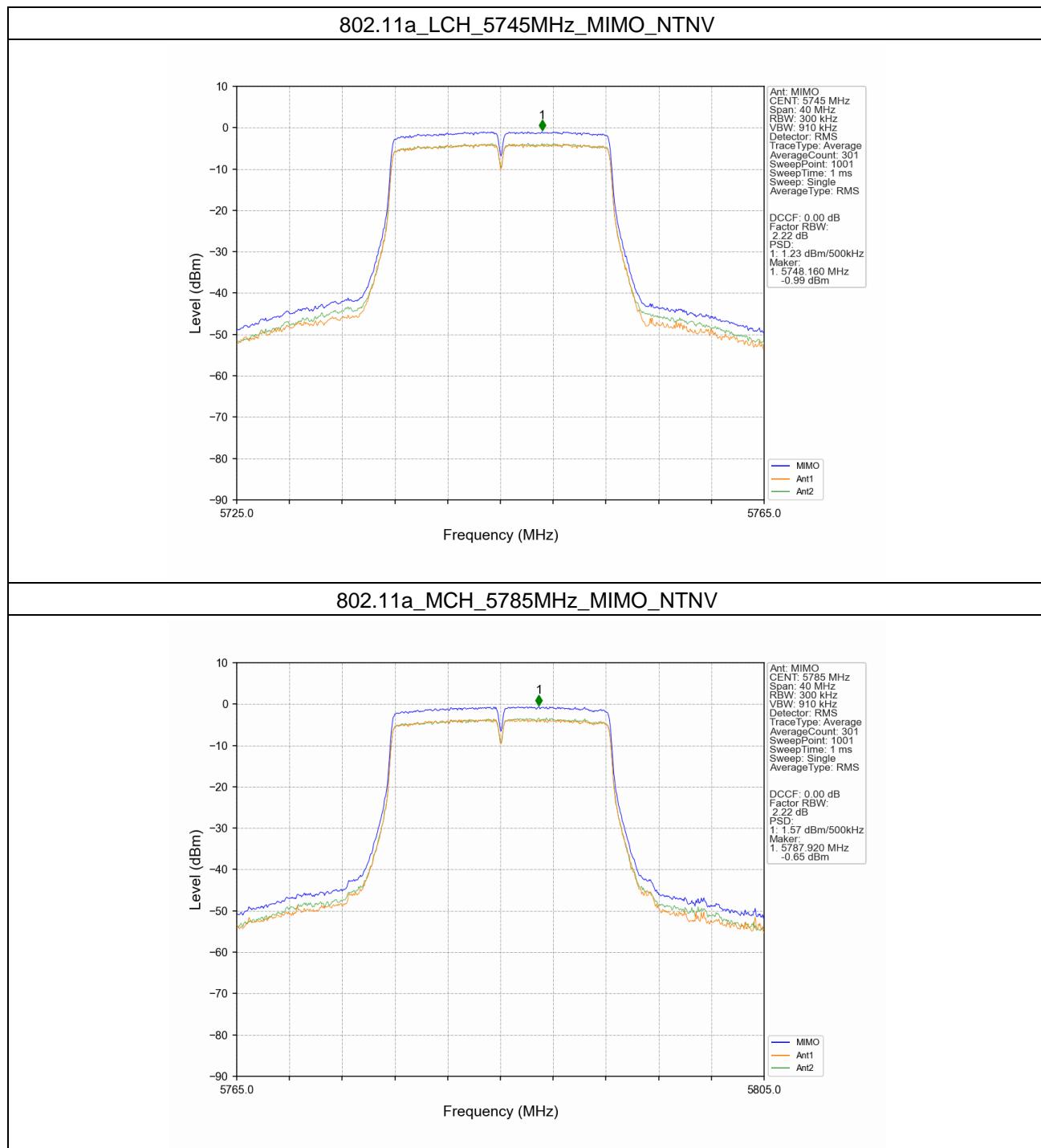
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## 4.2.2 PSD-Band3

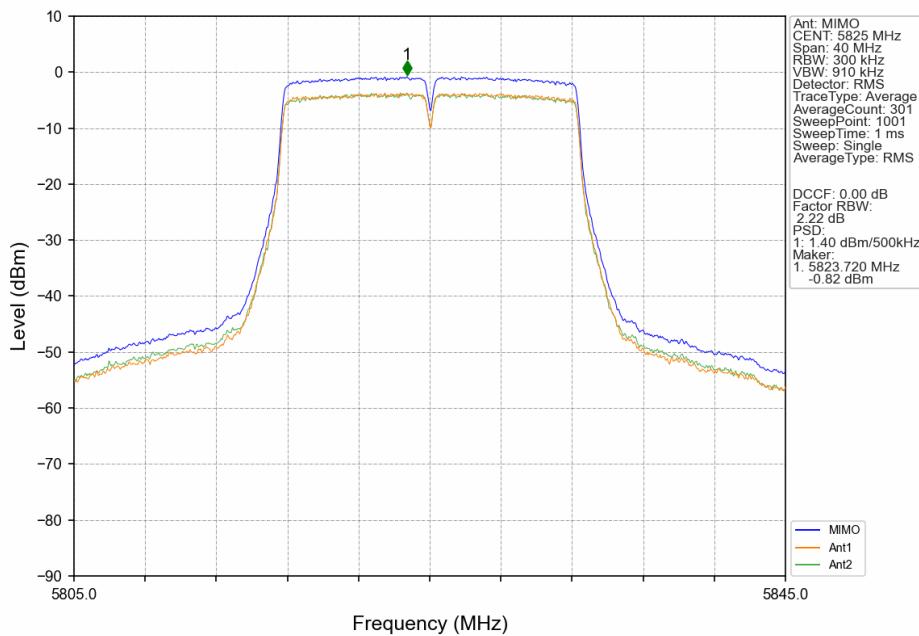
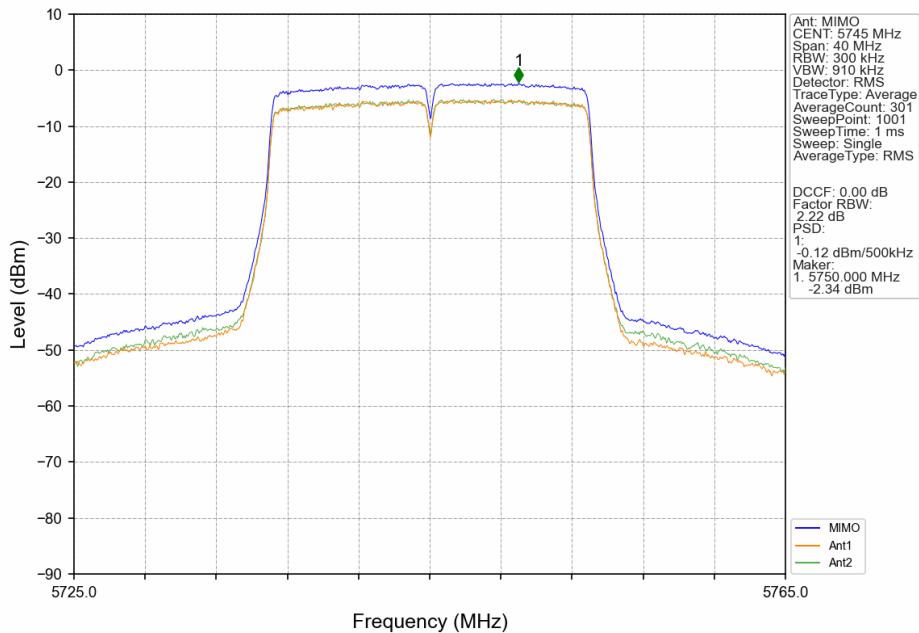


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**802.11a\_HCH\_5825MHz\_MIMO\_NTNV****802.11n(HT20)\_LCH\_5745MHz\_MIMO\_NTNV**

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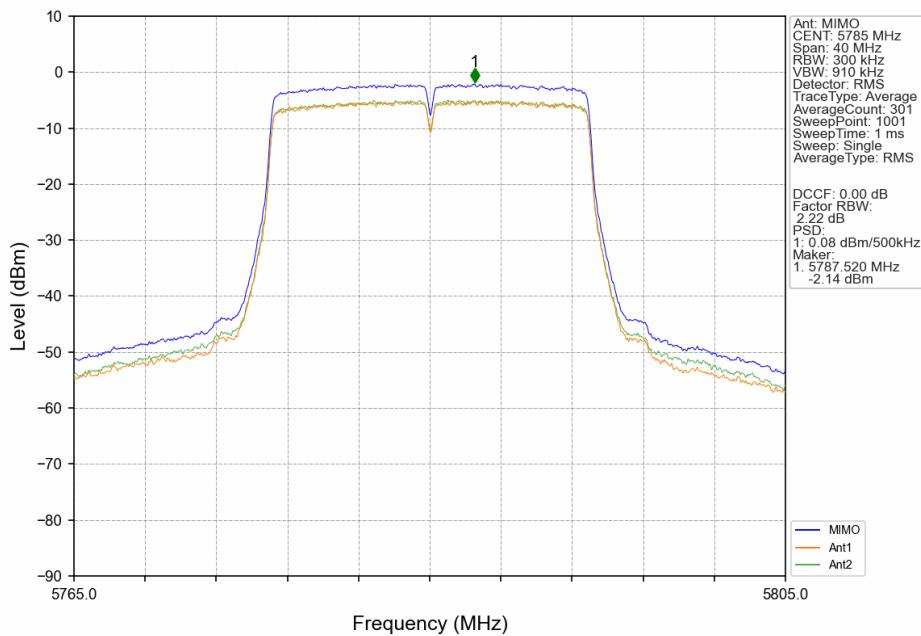
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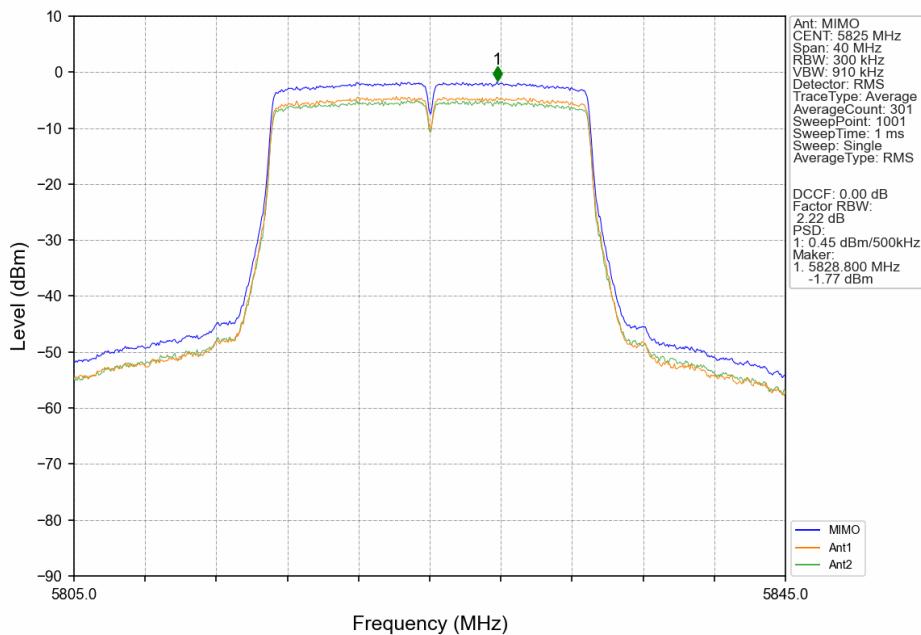
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### 802.11n(HT20)\_MCH\_5785MHz\_MIMO\_NTNV



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



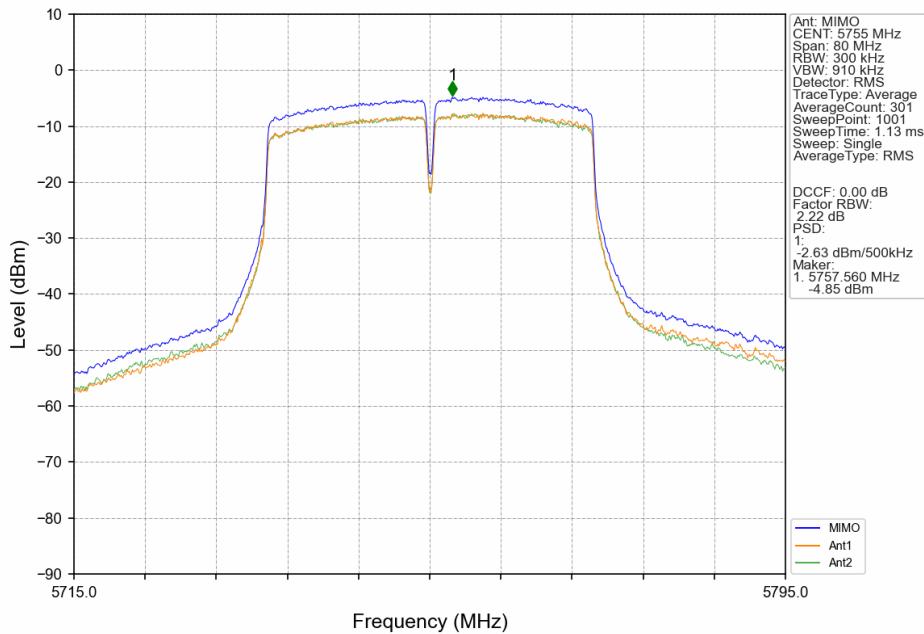
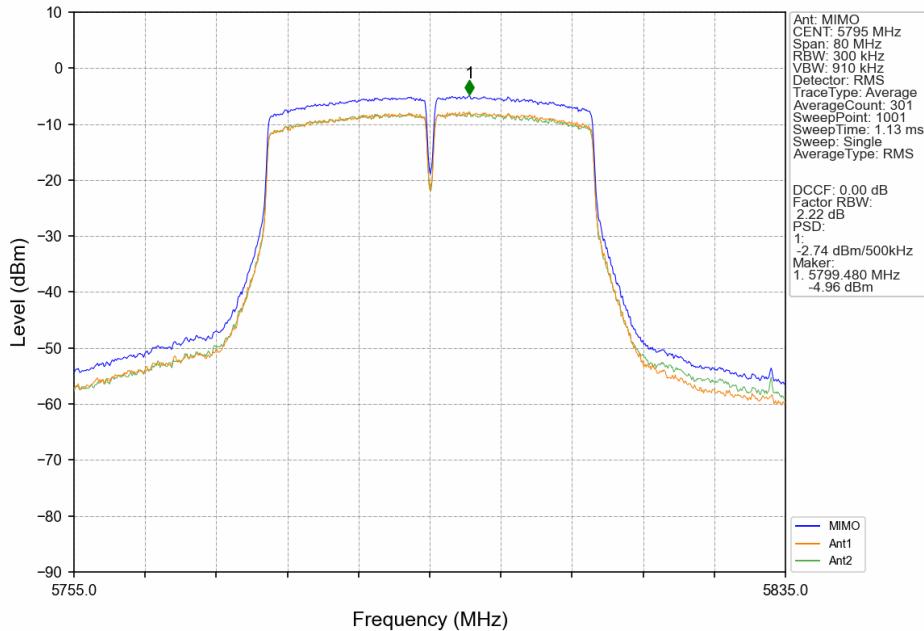
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**802.11n(HT40)\_LCH\_5755MHz\_MIMO\_NTNV****802.11n(HT40)\_HCH\_5795MHz\_MIMO\_NTNV**

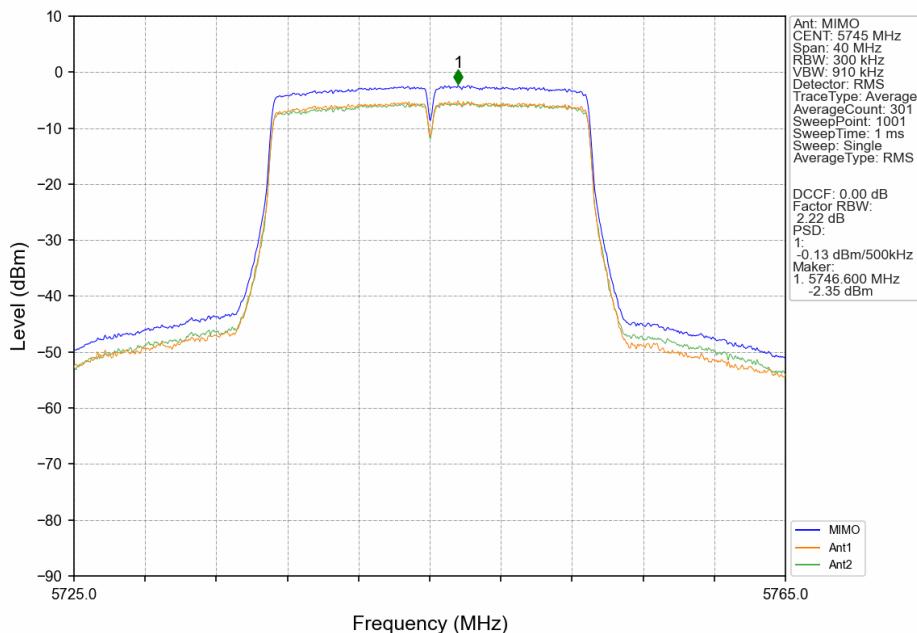
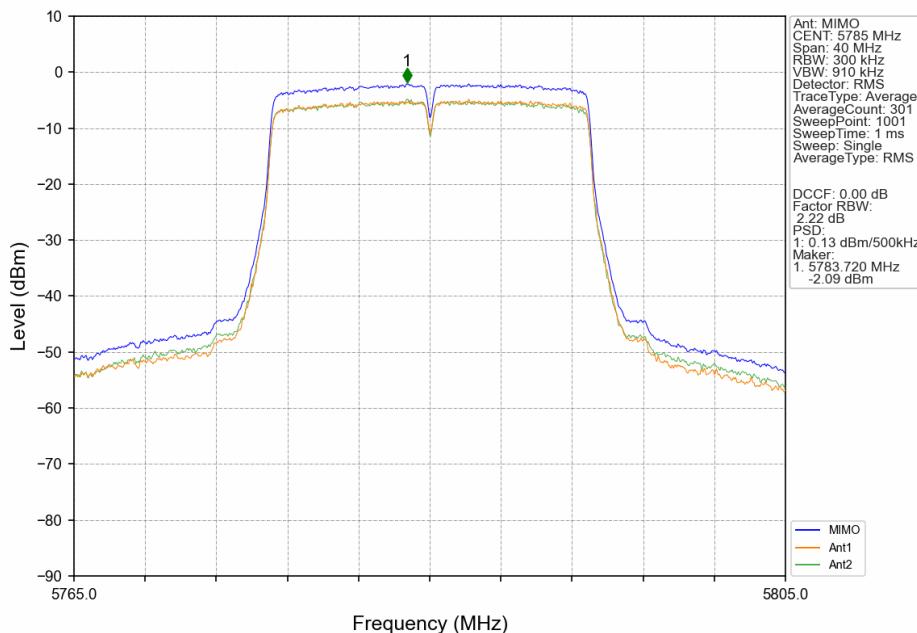
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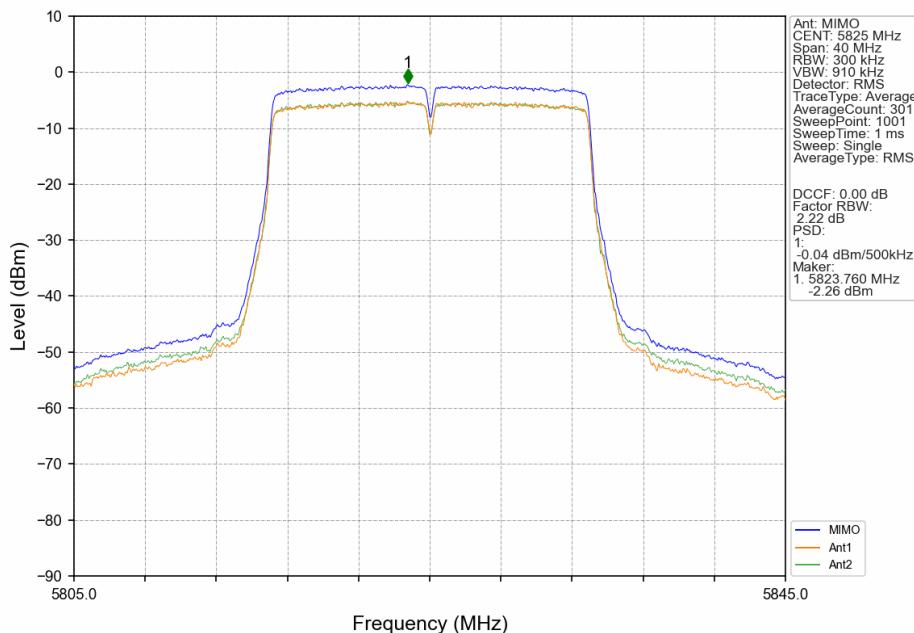
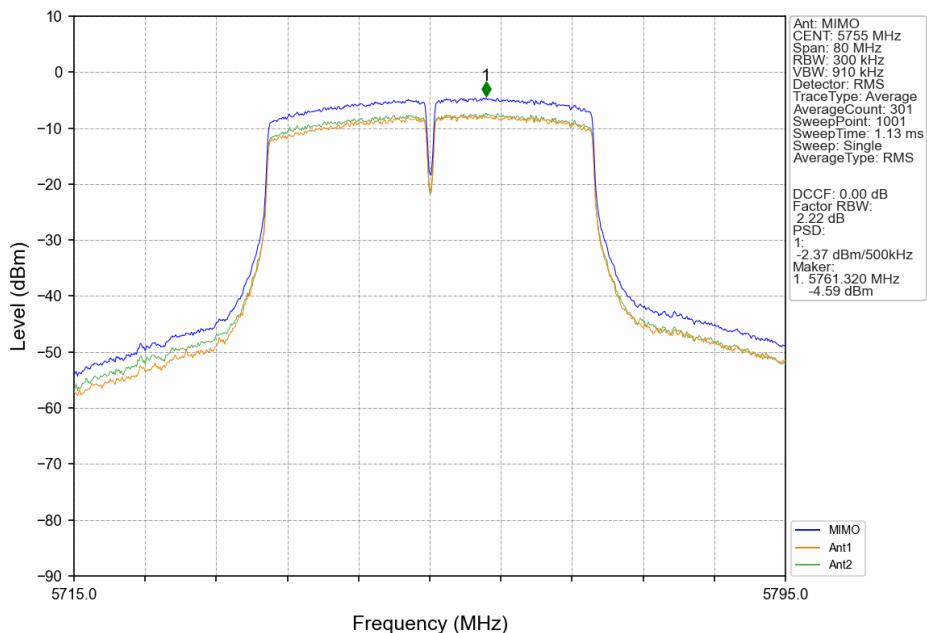
**802.11ac(VHT20)\_LCH\_5745MHz\_MIMO\_NTNV****802.11ac(VHT20)\_MCH\_5785MHz\_MIMO\_NTNV**

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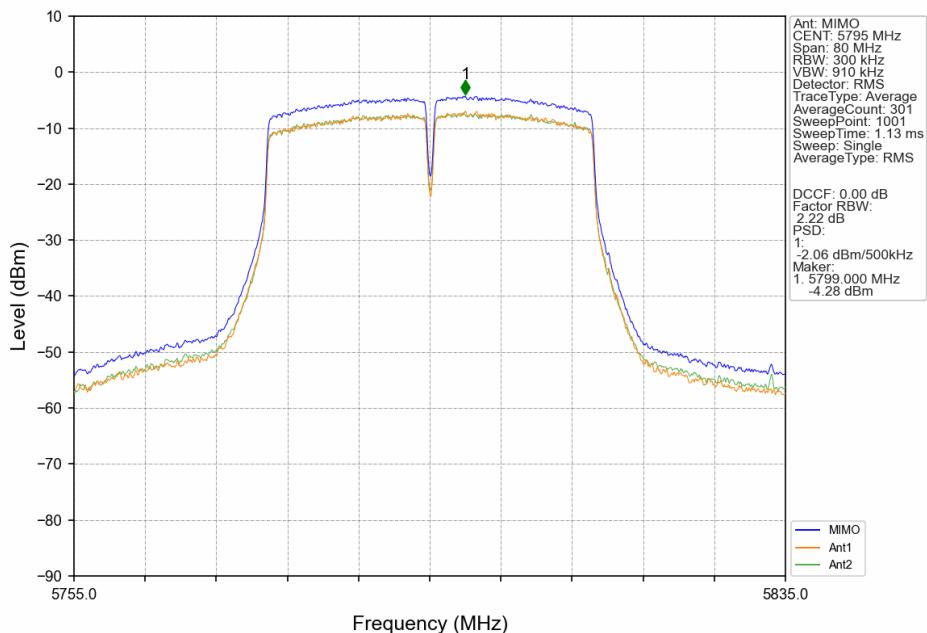
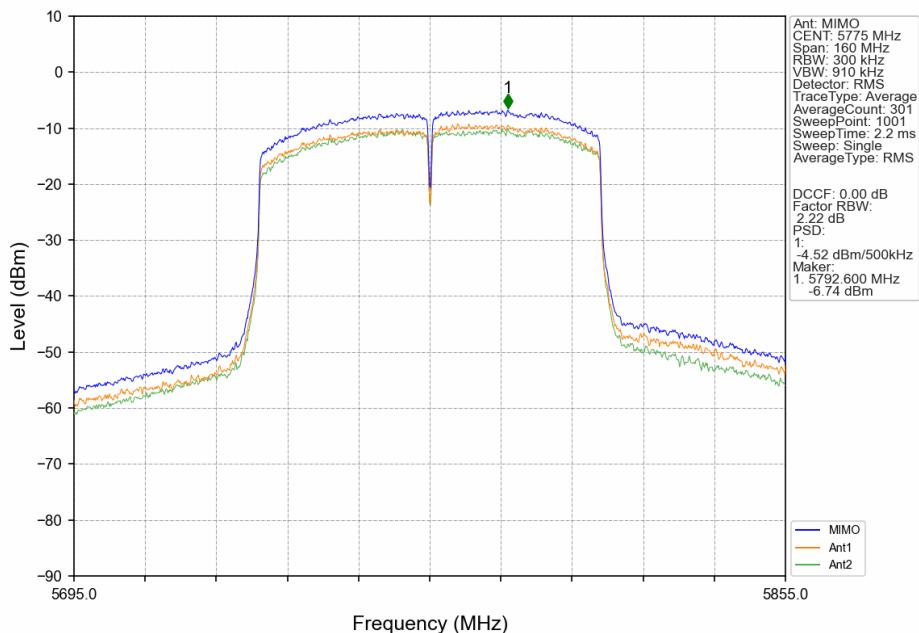
**802.11ac(VHT20)\_HCH\_5825MHz\_MIMO\_NTNV****802.11ac(VHT40)\_LCH\_5755MHz\_MIMO\_NTNV**

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**802.11ac(VHT40)\_HCH\_5795MHz\_MIMO\_NTNV****802.11ac(VHT80)\_MCH\_5775MHz\_MIMO\_NTNV**

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## 5. Frequency Stability

### 5.1 Test Result

#### 5.1.1 Ant1

| Ant1    |         |                 |                  |               |                          |              |         |
|---------|---------|-----------------|------------------|---------------|--------------------------|--------------|---------|
| Mode    | TX Type | Frequency (MHz) | Temperature (°C) | Voltage (VAC) | Measured Frequency (MHz) | Limit (MHz)  | Verdict |
| 802.11a | MIMO    | 5180            | 20               | 102           | 5180.020                 | 5150 to 5250 | Pass    |
|         |         |                 |                  | 120           | 5180.000                 | 5150 to 5250 | Pass    |
|         |         |                 |                  | 138           | 5180.020                 | 5150 to 5250 | Pass    |
|         |         |                 | -30              | 120           | 5180.020                 | 5150 to 5250 | Pass    |
|         |         |                 | -20              | 120           | 5180.000                 | 5150 to 5250 | Pass    |
|         |         |                 | -10              | 120           | 5180.020                 | 5150 to 5250 | Pass    |
|         |         |                 | 0                | 120           | 5180.020                 | 5150 to 5250 | Pass    |
|         |         |                 | 10               | 120           | 5180.060                 | 5150 to 5250 | Pass    |
|         |         |                 | 30               | 120           | 5180.020                 | 5150 to 5250 | Pass    |
|         |         |                 | 40               | 120           | 5180.040                 | 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           | 5200.040                 | 5150 to 5250 | Pass    |
|         |         |                 | -30              | 120           | 5200.020                 | 5150 to 5250 | Pass    |
|         |         |                 | -20              | 120           | 5200.040                 | 5150 to 5250 | Pass    |
|         |         |                 | -10              | 120           | 5199.980                 | 5150 to 5250 | Pass    |
|         |         |                 | 0                | 120           | 5199.980                 | 5150 to 5250 | Pass    |
|         |         |                 | 10               | 120           | 5200.060                 | 5150 to 5250 | Pass    |
|         |         |                 | 30               | 120           | 5200.020                 | 5150 to 5250 | Pass    |
|         |         |                 | 40               | 120           | 5200.000                 | 5150 to 5250 | Pass    |
|         |         |                 | 50               | 120           | 5200.040                 | 5150 to 5250 | Pass    |
|         |         | 5240            | 20               | 102           | 5239.960                 | 5150 to 5250 | Pass    |
|         |         |                 |                  | 120           | 5240.020                 | 5150 to 5250 | Pass    |
|         |         |                 |                  | 138           | 5240.020                 | 5150 to 5250 | Pass    |
|         |         |                 | -30              | 120           | 5240.000                 | 5150 to 5250 | Pass    |
|         |         |                 | -20              | 120           | 5240.000                 | 5150 to 5250 | Pass    |
|         |         |                 | -10              | 120           | 5240.020                 | 5150 to 5250 | Pass    |
|         |         |                 | 0                | 120           | 5240.040                 | 5150 to 5250 | Pass    |
|         |         |                 | 10               | 120           | 5240.080                 | 5150 to 5250 | Pass    |

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|      |      |     |          |              |              |      |
|------|------|-----|----------|--------------|--------------|------|
|      |      | 30  | 120      | 5240.000     | 5150 to 5250 | Pass |
|      |      | 40  | 120      | 5240.040     | 5150 to 5250 | Pass |
|      |      | 50  | 120      | 5240.040     | 5150 to 5250 | Pass |
| 5260 | 5260 | 20  | 102      | 5260.080     | 5250 to 5350 | Pass |
|      |      | 120 | 5260.040 | 5250 to 5350 | Pass         |      |
|      |      | 138 | 5260.040 | 5250 to 5350 | Pass         |      |
|      |      | -30 | 120      | 5260.060     | 5250 to 5350 | Pass |
|      |      | -20 | 120      | 5260.020     | 5250 to 5350 | Pass |
|      |      | -10 | 120      | 5260.040     | 5250 to 5350 | Pass |
|      |      | 0   | 120      | 5260.040     | 5250 to 5350 | Pass |
|      |      | 10  | 120      | 5260.040     | 5250 to 5350 | Pass |
|      |      | 30  | 120      | 5260.000     | 5250 to 5350 | Pass |
|      |      | 40  | 120      | 5260.020     | 5250 to 5350 | Pass |
|      |      | 50  | 120      | 5260.060     | 5250 to 5350 | Pass |
|      | 5300 | 20  | 102      | 5300.020     | 5250 to 5350 | Pass |
|      |      | 120 | 5300.100 | 5250 to 5350 | Pass         |      |
|      |      | 138 | 5300.100 | 5250 to 5350 | Pass         |      |
|      |      | -30 | 120      | 5300.100     | 5250 to 5350 | Pass |
|      |      | -20 | 120      | 5300.060     | 5250 to 5350 | Pass |
|      |      | -10 | 120      | 5300.060     | 5250 to 5350 | Pass |
|      |      | 0   | 120      | 5300.080     | 5250 to 5350 | Pass |
|      |      | 10  | 120      | 5300.100     | 5250 to 5350 | Pass |
|      |      | 30  | 120      | 5300.080     | 5250 to 5350 | Pass |
|      |      | 40  | 120      | 5300.100     | 5250 to 5350 | Pass |
|      |      | 50  | 120      | 5300.060     | 5250 to 5350 | Pass |
|      |      | 20  | 102      | 5320.040     | 5250 to 5350 | Pass |
| 5320 | 5320 | 120 | 5320.100 | 5250 to 5350 | Pass         |      |
|      |      | 138 | 5320.060 | 5250 to 5350 | Pass         |      |
|      |      | -30 | 120      | 5320.040     | 5250 to 5350 | Pass |
|      |      | -20 | 120      | 5320.080     | 5250 to 5350 | Pass |
|      |      | -10 | 120      | 5320.080     | 5250 to 5350 | Pass |
|      |      | 0   | 120      | 5320.060     | 5250 to 5350 | Pass |
|      |      | 10  | 120      | 5320.080     | 5250 to 5350 | Pass |
|      |      | 30  | 120      | 5320.020     | 5250 to 5350 | Pass |
|      |      | 40  | 120      | 5320.100     | 5250 to 5350 | Pass |
|      |      | 50  | 120      | 5320.100     | 5250 to 5350 | Pass |
|      | 5500 | 20  | 102      | 5500.040     | 5470 to 5725 | Pass |
|      |      | 120 | 5500.020 | 5470 to 5725 | Pass         |      |
|      |      | 138 | 5500.020 | 5470 to 5725 | Pass         |      |
|      |      | -30 | 120      | 5500.040     | 5470 to 5725 | Pass |

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|  |      |     |     |          |              |      |
|--|------|-----|-----|----------|--------------|------|
|  |      | -20 | 120 | 5500.040 | 5470 to 5725 | Pass |
|  |      | -10 | 120 | 5500.020 | 5470 to 5725 | Pass |
|  |      | 0   | 120 | 5500.000 | 5470 to 5725 | Pass |
|  |      | 10  | 120 | 5500.060 | 5470 to 5725 | Pass |
|  |      | 30  | 120 | 5500.020 | 5470 to 5725 | Pass |
|  |      | 40  | 120 | 5500.040 | 5470 to 5725 | Pass |
|  |      | 50  | 120 | 5500.000 | 5470 to 5725 | Pass |
|  | 5580 | 20  | 102 | 5580.000 | 5470 to 5725 | Pass |
|  |      |     | 120 | 5580.000 | 5470 to 5725 | Pass |
|  |      |     | 138 | 5580.000 | 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 | 5579.980 | 5470 to 5725 | Pass |
|  |      | 10  | 120 | 5579.980 | 5470 to 5725 | Pass |
|  |      | 30  | 120 | 5580.020 | 5470 to 5725 | Pass |
|  |      | 40  | 120 | 5580.000 | 5470 to 5725 | Pass |
|  |      | 50  | 120 | 5580.000 | 5470 to 5725 | Pass |
|  | 5700 | 20  | 102 | 5700.020 | 5470 to 5725 | Pass |
|  |      |     | 120 | 5700.000 | 5470 to 5725 | Pass |
|  |      |     | 138 | 5700.020 | 5470 to 5725 | Pass |
|  |      | -30 | 120 | 5700.020 | 5470 to 5725 | Pass |
|  |      | -20 | 120 | 5700.020 | 5470 to 5725 | Pass |
|  |      | -10 | 120 | 5700.020 | 5470 to 5725 | Pass |
|  |      | 0   | 120 | 5700.080 | 5470 to 5725 | Pass |
|  |      | 10  | 120 | 5700.040 | 5470 to 5725 | Pass |
|  |      | 30  | 120 | 5700.040 | 5470 to 5725 | Pass |
|  |      | 40  | 120 | 5699.980 | 5470 to 5725 | Pass |
|  |      | 50  | 120 | 5700.040 | 5470 to 5725 | Pass |
|  | 5745 | 20  | 102 | 5745.080 | 5725 to 5850 | Pass |
|  |      |     | 120 | 5745.080 | 5725 to 5850 | Pass |
|  |      |     | 138 | 5745.080 | 5725 to 5850 | Pass |
|  |      | -30 | 120 | 5745.040 | 5725 to 5850 | Pass |
|  |      | -20 | 120 | 5745.060 | 5725 to 5850 | Pass |
|  |      | -10 | 120 | 5745.060 | 5725 to 5850 | Pass |
|  |      | 0   | 120 | 5745.060 | 5725 to 5850 | Pass |
|  |      | 10  | 120 | 5745.100 | 5725 to 5850 | Pass |
|  |      | 30  | 120 | 5745.100 | 5725 to 5850 | Pass |
|  |      | 40  | 120 | 5745.020 | 5725 to 5850 | Pass |
|  |      | 50  | 120 | 5745.060 | 5725 to 5850 | Pass |

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|-------------------|------|------|------|-----|----------|--------------|--------------|------|
|                   |      |      | 5785 | 20  | 102      | 5785.060     | 5725 to 5850 | Pass |
|                   |      |      |      |     | 120      | 5785.060     | 5725 to 5850 | Pass |
|                   |      |      |      | 138 | 5785.020 | 5725 to 5850 | Pass         |      |
|                   |      |      |      | -30 | 120      | 5785.060     | 5725 to 5850 | Pass |
|                   |      |      |      | -20 | 120      | 5785.040     | 5725 to 5850 | Pass |
|                   |      |      |      | -10 | 120      | 5785.040     | 5725 to 5850 | Pass |
|                   |      |      |      | 0   | 120      | 5785.080     | 5725 to 5850 | Pass |
|                   |      |      |      | 10  | 120      | 5785.040     | 5725 to 5850 | Pass |
|                   |      |      |      | 30  | 120      | 5785.040     | 5725 to 5850 | Pass |
|                   |      |      |      | 40  | 120      | 5785.040     | 5725 to 5850 | Pass |
|                   |      |      |      | 50  | 120      | 5785.040     | 5725 to 5850 | Pass |
|                   |      |      | 5825 | 20  | 102      | 5825.060     | 5725 to 5850 | Pass |
|                   |      |      |      |     | 120      | 5825.040     | 5725 to 5850 | Pass |
|                   |      |      |      |     | 138      | 5825.060     | 5725 to 5850 | Pass |
|                   |      |      |      | -30 | 120      | 5825.040     | 5725 to 5850 | Pass |
|                   |      |      |      | -20 | 120      | 5825.080     | 5725 to 5850 | Pass |
|                   |      |      |      | -10 | 120      | 5825.060     | 5725 to 5850 | Pass |
|                   |      |      |      | 0   | 120      | 5825.060     | 5725 to 5850 | Pass |
|                   |      |      |      | 10  | 120      | 5825.020     | 5725 to 5850 | Pass |
|                   |      |      |      | 30  | 120      | 5825.020     | 5725 to 5850 | Pass |
|                   |      |      |      | 40  | 120      | 5825.060     | 5725 to 5850 | Pass |
|                   |      |      |      | 50  | 120      | 5825.060     | 5725 to 5850 | Pass |
| 802.11n<br>(HT20) | MIMO | 5180 | 20   | 102 | 5180.020 | 5150 to 5250 | Pass         |      |
|                   |      |      |      | 120 | 5180.040 | 5150 to 5250 | Pass         |      |
|                   |      |      |      | 138 | 5180.000 | 5150 to 5250 | Pass         |      |
|                   |      |      | -30  | 120 | 5180.020 | 5150 to 5250 | Pass         |      |
|                   |      |      | -20  | 120 | 5180.040 | 5150 to 5250 | Pass         |      |
|                   |      |      | -10  | 120 | 5180.000 | 5150 to 5250 | Pass         |      |
|                   |      |      | 0    | 120 | 5180.000 | 5150 to 5250 | Pass         |      |
|                   |      |      | 10   | 120 | 5180.020 | 5150 to 5250 | Pass         |      |
|                   |      |      | 30   | 120 | 5180.020 | 5150 to 5250 | Pass         |      |
|                   |      |      | 40   | 120 | 5180.020 | 5150 to 5250 | Pass         |      |
|                   |      |      | 50   | 120 | 5180.040 | 5150 to 5250 | Pass         |      |
|                   |      | 5200 | 20   | 102 | 5200.040 | 5150 to 5250 | Pass         |      |
|                   |      |      |      | 120 | 5200.040 | 5150 to 5250 | Pass         |      |
|                   |      |      |      | 138 | 5200.060 | 5150 to 5250 | Pass         |      |
|                   |      |      | -30  | 120 | 5200.020 | 5150 to 5250 | Pass         |      |
|                   |      |      | -20  | 120 | 5200.000 | 5150 to 5250 | Pass         |      |
|                   |      |      | -10  | 120 | 5200.060 | 5150 to 5250 | Pass         |      |
|                   |      |      | 0    | 120 | 5200.020 | 5150 to 5250 | Pass         |      |

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|--|------|----|-----|----------|--------------|------|
|  |      | 10 | 120 | 5200.000 | 5150 to 5250 | Pass |
|  |      | 30 | 120 | 5200.060 | 5150 to 5250 | Pass |
|  |      | 40 | 120 | 5200.020 | 5150 to 5250 | Pass |
|  |      | 50 | 120 | 5200.020 | 5150 to 5250 | Pass |
|  | 5240 | 20 | 102 | 5240.020 | 5150 to 5250 | Pass |
|  |      |    | 120 | 5240.080 | 5150 to 5250 | Pass |
|  |      |    | 138 | 5240.040 | 5150 to 5250 | Pass |
|  |      |    | -30 | 5240.060 | 5150 to 5250 | Pass |
|  |      |    | -20 | 5240.020 | 5150 to 5250 | Pass |
|  | 5260 | 20 | -10 | 5240.000 | 5150 to 5250 | Pass |
|  |      |    | 0   | 5240.040 | 5150 to 5250 | Pass |
|  |      |    | 10  | 5240.000 | 5150 to 5250 | Pass |
|  |      |    | 30  | 5240.020 | 5150 to 5250 | Pass |
|  |      |    | 40  | 5240.080 | 5150 to 5250 | Pass |
|  | 5300 | 20 | 50  | 5240.020 | 5150 to 5250 | Pass |
|  |      |    | 102 | 5260.040 | 5250 to 5350 | Pass |
|  |      |    | 120 | 5260.040 | 5250 to 5350 | Pass |
|  |      |    | 138 | 5260.040 | 5250 to 5350 | Pass |
|  |      |    | -30 | 5260.020 | 5250 to 5350 | Pass |
|  | 5320 | 20 | -20 | 5260.080 | 5250 to 5350 | Pass |
|  |      |    | -10 | 5260.020 | 5250 to 5350 | Pass |
|  |      |    | 0   | 5260.040 | 5250 to 5350 | Pass |
|  |      |    | 10  | 5260.080 | 5250 to 5350 | Pass |
|  |      |    | 30  | 5260.020 | 5250 to 5350 | Pass |
|  |      | 20 | 40  | 5260.060 | 5250 to 5350 | Pass |
|  |      |    | 50  | 5260.040 | 5250 to 5350 | Pass |
|  |      |    | 102 | 5300.040 | 5250 to 5350 | Pass |
|  |      |    | 120 | 5300.060 | 5250 to 5350 | Pass |
|  |      |    | 138 | 5300.080 | 5250 to 5350 | Pass |
|  |      | 20 | -30 | 5300.040 | 5250 to 5350 | Pass |
|  |      |    | -20 | 5300.040 | 5250 to 5350 | Pass |
|  |      |    | -10 | 5300.080 | 5250 to 5350 | Pass |
|  |      |    | 0   | 5300.080 | 5250 to 5350 | Pass |
|  |      |    | 10  | 5300.060 | 5250 to 5350 | Pass |
|  |      | 20 | 30  | 5300.060 | 5250 to 5350 | Pass |
|  |      |    | 40  | 5300.060 | 5250 to 5350 | Pass |
|  |      |    | 50  | 5300.060 | 5250 to 5350 | Pass |
|  |      |    | 102 | 5320.020 | 5250 to 5350 | Pass |
|  |      |    | 120 | 5320.040 | 5250 to 5350 | Pass |
|  |      |    | 138 | 5320.060 | 5250 to 5350 | Pass |

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|  |      |     |     |          |              |      |
|--|------|-----|-----|----------|--------------|------|
|  |      | -30 | 120 | 5320.040 | 5250 to 5350 | Pass |
|  |      | -20 | 120 | 5320.040 | 5250 to 5350 | Pass |
|  |      | -10 | 120 | 5320.060 | 5250 to 5350 | Pass |
|  |      | 0   | 120 | 5320.080 | 5250 to 5350 | Pass |
|  |      | 10  | 120 | 5320.020 | 5250 to 5350 | Pass |
|  |      | 30  | 120 | 5320.080 | 5250 to 5350 | Pass |
|  |      | 40  | 120 | 5320.040 | 5250 to 5350 | Pass |
|  |      | 50  | 120 | 5320.060 | 5250 to 5350 | Pass |
|  | 5500 | 20  | 102 | 5500.000 | 5470 to 5725 | Pass |
|  |      |     | 120 | 5500.040 | 5470 to 5725 | Pass |
|  |      |     | 138 | 5500.020 | 5470 to 5725 | Pass |
|  |      | -30 | 120 | 5499.980 | 5470 to 5725 | Pass |
|  |      | -20 | 120 | 5500.000 | 5470 to 5725 | Pass |
|  |      | -10 | 120 | 5500.040 | 5470 to 5725 | Pass |
|  |      | 0   | 120 | 5500.000 | 5470 to 5725 | Pass |
|  |      | 10  | 120 | 5500.000 | 5470 to 5725 | Pass |
|  |      | 30  | 120 | 5500.000 | 5470 to 5725 | Pass |
|  |      | 40  | 120 | 5500.000 | 5470 to 5725 | Pass |
|  |      | 50  | 120 | 5500.020 | 5470 to 5725 | Pass |
|  | 5580 | 20  | 102 | 5579.980 | 5470 to 5725 | Pass |
|  |      |     | 120 | 5580.020 | 5470 to 5725 | Pass |
|  |      |     | 138 | 5580.000 | 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 | 5580.020 | 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 | 5700.040 | 5470 to 5725 | Pass |
|  |      |     | 120 | 5700.040 | 5470 to 5725 | Pass |
|  |      |     | 138 | 5700.040 | 5470 to 5725 | Pass |
|  |      | -30 | 120 | 5700.000 | 5470 to 5725 | Pass |
|  |      | -20 | 120 | 5700.020 | 5470 to 5725 | Pass |
|  |      | -10 | 120 | 5700.020 | 5470 to 5725 | Pass |
|  |      | 0   | 120 | 5700.040 | 5470 to 5725 | Pass |
|  |      | 10  | 120 | 5700.020 | 5470 to 5725 | Pass |
|  |      | 30  | 120 | 5700.020 | 5470 to 5725 | Pass |
|  |      | 40  | 120 | 5700.060 | 5470 to 5725 | Pass |

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|                   |      |      |     |          |              |              |      |
|-------------------|------|------|-----|----------|--------------|--------------|------|
|                   |      |      | 50  | 120      | 5700.020     | 5470 to 5725 | Pass |
| 5745              |      | 20   | 102 | 5745.040 | 5725 to 5850 | Pass         |      |
|                   |      |      | 120 | 5745.060 | 5725 to 5850 | Pass         |      |
|                   |      |      | 138 | 5745.060 | 5725 to 5850 | Pass         |      |
|                   |      |      | -30 | 5745.080 | 5725 to 5850 | Pass         |      |
|                   |      | -20  | 120 | 5745.040 | 5725 to 5850 | Pass         |      |
|                   |      |      | -10 | 5745.060 | 5725 to 5850 | Pass         |      |
|                   |      |      | 0   | 5745.080 | 5725 to 5850 | Pass         |      |
|                   |      |      | 10  | 5745.060 | 5725 to 5850 | Pass         |      |
|                   |      |      | 30  | 5745.020 | 5725 to 5850 | Pass         |      |
|                   |      |      | 40  | 5745.080 | 5725 to 5850 | Pass         |      |
|                   |      | 5785 | 50  | 120      | 5745.040     | 5725 to 5850 | Pass |
|                   |      |      | 102 | 5785.040 | 5725 to 5850 | Pass         |      |
|                   |      |      | 20  | 5785.080 | 5725 to 5850 | Pass         |      |
|                   |      |      | 138 | 5785.040 | 5725 to 5850 | Pass         |      |
|                   |      |      | -30 | 5785.060 | 5725 to 5850 | Pass         |      |
|                   |      |      | -20 | 5785.040 | 5725 to 5850 | Pass         |      |
|                   |      |      | -10 | 5785.040 | 5725 to 5850 | Pass         |      |
|                   |      |      | 0   | 5785.060 | 5725 to 5850 | Pass         |      |
|                   |      |      | 10  | 5785.040 | 5725 to 5850 | Pass         |      |
|                   |      |      | 30  | 5785.040 | 5725 to 5850 | Pass         |      |
|                   |      | 5825 | 40  | 5785.020 | 5725 to 5850 | Pass         |      |
|                   |      |      | 50  | 120      | 5785.040     | 5725 to 5850 | Pass |
|                   |      |      | 102 | 5825.040 | 5725 to 5850 | Pass         |      |
|                   |      |      | 20  | 5825.040 | 5725 to 5850 | Pass         |      |
|                   |      |      | 138 | 5825.060 | 5725 to 5850 | Pass         |      |
|                   |      |      | -30 | 5825.040 | 5725 to 5850 | Pass         |      |
|                   |      |      | -20 | 5825.040 | 5725 to 5850 | Pass         |      |
|                   |      |      | -10 | 5825.020 | 5725 to 5850 | Pass         |      |
|                   |      |      | 0   | 5825.040 | 5725 to 5850 | Pass         |      |
|                   |      |      | 10  | 5825.060 | 5725 to 5850 | Pass         |      |
| 802.11n<br>(HT40) | MIMO | 5190 | 20  | 30       | 5825.060     | 5725 to 5850 | Pass |
|                   |      |      |     | 40       | 5825.020     | 5725 to 5850 | Pass |
|                   |      |      |     | 50       | 5825.020     | 5725 to 5850 | Pass |
|                   |      |      |     | 102      | 5190.000     | 5150 to 5250 | Pass |
|                   |      |      | -20 | 120      | 5190.120     | 5150 to 5250 | Pass |
|                   |      |      |     | 138      | 5190.080     | 5150 to 5250 | Pass |
|                   |      |      |     | -30      | 5190.120     | 5150 to 5250 | Pass |
|                   |      |      | -20 | 120      | 5190.040     | 5150 to 5250 | Pass |
|                   |      |      | -10 | 120      | 5190.040     | 5150 to 5250 | Pass |

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|  |      |     |     |          |              |      |
|--|------|-----|-----|----------|--------------|------|
|  |      | 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 |
|  |      | 50  | 120 | 5190.120 | 5150 to 5250 | Pass |
|  | 5230 |     | 102 | 5230.040 | 5150 to 5250 | Pass |
|  |      | 20  | 120 | 5230.040 | 5150 to 5250 | Pass |
|  |      |     | 138 | 5230.040 | 5150 to 5250 | Pass |
|  |      | -30 | 120 | 5230.040 | 5150 to 5250 | Pass |
|  |      | -20 | 120 | 5230.040 | 5150 to 5250 | Pass |
|  |      | -10 | 120 | 5230.000 | 5150 to 5250 | Pass |
|  |      | 0   | 120 | 5230.000 | 5150 to 5250 | Pass |
|  |      | 10  | 120 | 5230.040 | 5150 to 5250 | Pass |
|  |      | 30  | 120 | 5230.040 | 5150 to 5250 | Pass |
|  |      | 40  | 120 | 5230.040 | 5150 to 5250 | Pass |
|  |      | 50  | 120 | 5230.040 | 5150 to 5250 | Pass |
|  | 5270 |     | 102 | 5270.000 | 5250 to 5350 | Pass |
|  |      | 20  | 120 | 5270.000 | 5250 to 5350 | Pass |
|  |      |     | 138 | 5270.080 | 5250 to 5350 | Pass |
|  |      | -30 | 120 | 5270.040 | 5250 to 5350 | Pass |
|  |      | -20 | 120 | 5270.040 | 5250 to 5350 | Pass |
|  |      | -10 | 120 | 5270.080 | 5250 to 5350 | Pass |
|  |      | 0   | 120 | 5270.000 | 5250 to 5350 | Pass |
|  |      | 10  | 120 | 5270.080 | 5250 to 5350 | Pass |
|  |      | 30  | 120 | 5270.040 | 5250 to 5350 | Pass |
|  |      | 40  | 120 | 5270.040 | 5250 to 5350 | Pass |
|  |      | 50  | 120 | 5270.000 | 5250 to 5350 | Pass |
|  | 5310 |     | 102 | 5310.160 | 5250 to 5350 | Pass |
|  |      | 20  | 120 | 5310.120 | 5250 to 5350 | Pass |
|  |      |     | 138 | 5310.120 | 5250 to 5350 | Pass |
|  |      | -30 | 120 | 5310.120 | 5250 to 5350 | Pass |
|  |      | -20 | 120 | 5310.080 | 5250 to 5350 | Pass |
|  |      | -10 | 120 | 5310.160 | 5250 to 5350 | Pass |
|  |      | 0   | 120 | 5310.160 | 5250 to 5350 | Pass |
|  |      | 10  | 120 | 5310.080 | 5250 to 5350 | Pass |
|  |      | 30  | 120 | 5310.120 | 5250 to 5350 | Pass |
|  |      | 40  | 120 | 5310.160 | 5250 to 5350 | Pass |
|  |      | 50  | 120 | 5310.160 | 5250 to 5350 | Pass |
|  | 5510 | 20  | 102 | 5510.000 | 5470 to 5725 | Pass |
|  |      |     | 120 | 5510.040 | 5470 to 5725 | Pass |

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|  |      |     |     |          |              |      |
|--|------|-----|-----|----------|--------------|------|
|  |      |     | 138 | 5510.040 | 5470 to 5725 | Pass |
|  |      | -30 | 120 | 5510.040 | 5470 to 5725 | Pass |
|  |      | -20 | 120 | 5510.080 | 5470 to 5725 | Pass |
|  |      | -10 | 120 | 5510.040 | 5470 to 5725 | Pass |
|  |      | 0   | 120 | 5510.080 | 5470 to 5725 | Pass |
|  |      | 10  | 120 | 5510.080 | 5470 to 5725 | Pass |
|  |      | 30  | 120 | 5510.080 | 5470 to 5725 | Pass |
|  |      | 40  | 120 | 5510.000 | 5470 to 5725 | Pass |
|  |      | 50  | 120 | 5510.080 | 5470 to 5725 | Pass |
|  | 5550 |     | 102 | 5550.040 | 5470 to 5725 | Pass |
|  |      | 20  | 120 | 5550.040 | 5470 to 5725 | Pass |
|  |      |     | 138 | 5550.040 | 5470 to 5725 | Pass |
|  |      | -30 | 120 | 5550.040 | 5470 to 5725 | Pass |
|  |      | -20 | 120 | 5550.040 | 5470 to 5725 | Pass |
|  |      | -10 | 120 | 5550.000 | 5470 to 5725 | Pass |
|  |      | 0   | 120 | 5550.040 | 5470 to 5725 | Pass |
|  |      | 10  | 120 | 5550.040 | 5470 to 5725 | Pass |
|  |      | 30  | 120 | 5550.080 | 5470 to 5725 | Pass |
|  |      | 40  | 120 | 5550.000 | 5470 to 5725 | Pass |
|  |      | 50  | 120 | 5550.040 | 5470 to 5725 | Pass |
|  | 5670 |     | 102 | 5670.080 | 5470 to 5725 | Pass |
|  |      | 20  | 120 | 5670.080 | 5470 to 5725 | Pass |
|  |      |     | 138 | 5670.040 | 5470 to 5725 | Pass |
|  |      | -30 | 120 | 5670.040 | 5470 to 5725 | Pass |
|  |      | -20 | 120 | 5670.040 | 5470 to 5725 | Pass |
|  |      | -10 | 120 | 5670.040 | 5470 to 5725 | Pass |
|  |      | 0   | 120 | 5670.080 | 5470 to 5725 | Pass |
|  |      | 10  | 120 | 5670.000 | 5470 to 5725 | Pass |
|  |      | 30  | 120 | 5670.040 | 5470 to 5725 | Pass |
|  |      | 40  | 120 | 5670.000 | 5470 to 5725 | Pass |
|  |      | 50  | 120 | 5670.000 | 5470 to 5725 | Pass |
|  | 5755 |     | 102 | 5755.160 | 5725 to 5850 | Pass |
|  |      | 20  | 120 | 5755.160 | 5725 to 5850 | Pass |
|  |      |     | 138 | 5755.160 | 5725 to 5850 | Pass |
|  |      | -30 | 120 | 5755.120 | 5725 to 5850 | Pass |
|  |      | -20 | 120 | 5755.120 | 5725 to 5850 | Pass |
|  |      | -10 | 120 | 5755.160 | 5725 to 5850 | Pass |
|  |      | 0   | 120 | 5755.120 | 5725 to 5850 | Pass |
|  |      | 10  | 120 | 5755.160 | 5725 to 5850 | Pass |
|  |      | 30  | 120 | 5755.120 | 5725 to 5850 | Pass |

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|                     |      |      |     |     |          |              |      |
|---------------------|------|------|-----|-----|----------|--------------|------|
|                     |      | 5795 | 40  | 120 | 5755.160 | 5725 to 5850 | Pass |
|                     |      |      | 50  | 120 | 5755.120 | 5725 to 5850 | Pass |
|                     |      |      | 20  | 102 | 5795.120 | 5725 to 5850 | Pass |
|                     |      |      |     | 120 | 5795.080 | 5725 to 5850 | Pass |
|                     |      |      |     | 138 | 5795.160 | 5725 to 5850 | Pass |
|                     |      |      |     | -30 | 5795.120 | 5725 to 5850 | Pass |
|                     |      |      |     | -20 | 5795.080 | 5725 to 5850 | Pass |
|                     |      |      |     | -10 | 5795.120 | 5725 to 5850 | Pass |
|                     |      |      |     | 0   | 5795.160 | 5725 to 5850 | Pass |
|                     |      |      |     | 10  | 5795.120 | 5725 to 5850 | Pass |
|                     |      |      |     | 30  | 5795.080 | 5725 to 5850 | Pass |
|                     |      |      |     | 40  | 5795.160 | 5725 to 5850 | Pass |
|                     |      |      |     | 50  | 5795.120 | 5725 to 5850 | Pass |
| 802.11ac<br>(VHT20) | MIMO | 5180 | 20  | 102 | 5180.020 | 5150 to 5250 | Pass |
|                     |      |      |     | 120 | 5179.980 | 5150 to 5250 | Pass |
|                     |      |      |     | 138 | 5180.000 | 5150 to 5250 | Pass |
|                     |      |      | -30 | 120 | 5179.980 | 5150 to 5250 | Pass |
|                     |      |      |     | 120 | 5180.020 | 5150 to 5250 | Pass |
|                     |      |      |     | 120 | 5180.020 | 5150 to 5250 | Pass |
|                     |      |      |     | 0   | 5180.000 | 5150 to 5250 | Pass |
|                     |      |      |     | 10  | 5179.980 | 5150 to 5250 | Pass |
|                     |      |      | 30  | 120 | 5180.020 | 5150 to 5250 | Pass |
|                     |      |      |     | 120 | 5180.040 | 5150 to 5250 | Pass |
|                     |      |      |     | 120 | 5180.000 | 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 |
|                     |      |      | -30 | 120 | 5200.020 | 5150 to 5250 | Pass |
|                     |      |      |     | 120 | 5200.020 | 5150 to 5250 | Pass |
|                     |      |      |     | 120 | 5200.040 | 5150 to 5250 | Pass |
|                     |      |      |     | 0   | 5200.040 | 5150 to 5250 | Pass |
|                     |      |      |     | 10  | 5200.000 | 5150 to 5250 | Pass |
|                     |      |      |     | 120 | 5200.060 | 5150 to 5250 | Pass |
|                     |      |      |     | 120 | 5200.040 | 5150 to 5250 | Pass |
|                     |      | 5240 | 20  | 102 | 5240.020 | 5150 to 5250 | Pass |
|                     |      |      |     | 120 | 5240.040 | 5150 to 5250 | Pass |
|                     |      |      |     | 138 | 5240.000 | 5150 to 5250 | Pass |
|                     |      |      | -30 | 120 | 5240.040 | 5150 to 5250 | Pass |
|                     |      |      |     | 120 | 5240.040 | 5150 to 5250 | Pass |

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|  |      |     |     |          |              |      |
|--|------|-----|-----|----------|--------------|------|
|  |      | -10 | 120 | 5240.020 | 5150 to 5250 | Pass |
|  |      | 0   | 120 | 5240.020 | 5150 to 5250 | Pass |
|  |      | 10  | 120 | 5240.060 | 5150 to 5250 | Pass |
|  |      | 30  | 120 | 5240.000 | 5150 to 5250 | Pass |
|  |      | 40  | 120 | 5240.000 | 5150 to 5250 | Pass |
|  |      | 50  | 120 | 5240.020 | 5150 to 5250 | Pass |
|  | 5260 | 20  | 102 | 5260.040 | 5250 to 5350 | Pass |
|  |      |     | 120 | 5260.020 | 5250 to 5350 | Pass |
|  |      |     | 138 | 5260.060 | 5250 to 5350 | Pass |
|  |      | -30 | 120 | 5260.040 | 5250 to 5350 | Pass |
|  |      | -20 | 120 | 5260.040 | 5250 to 5350 | Pass |
|  |      | -10 | 120 | 5260.060 | 5250 to 5350 | Pass |
|  |      | 0   | 120 | 5260.040 | 5250 to 5350 | Pass |
|  |      | 10  | 120 | 5260.020 | 5250 to 5350 | Pass |
|  |      | 30  | 120 | 5260.060 | 5250 to 5350 | Pass |
|  |      | 40  | 120 | 5260.020 | 5250 to 5350 | Pass |
|  |      | 50  | 120 | 5260.000 | 5250 to 5350 | Pass |
|  | 5300 | 20  | 102 | 5300.040 | 5250 to 5350 | Pass |
|  |      |     | 120 | 5300.060 | 5250 to 5350 | Pass |
|  |      |     | 138 | 5300.060 | 5250 to 5350 | Pass |
|  |      | -30 | 120 | 5300.040 | 5250 to 5350 | Pass |
|  |      | -20 | 120 | 5300.020 | 5250 to 5350 | Pass |
|  |      | -10 | 120 | 5300.040 | 5250 to 5350 | Pass |
|  |      | 0   | 120 | 5300.040 | 5250 to 5350 | Pass |
|  |      | 10  | 120 | 5300.040 | 5250 to 5350 | Pass |
|  |      | 30  | 120 | 5300.060 | 5250 to 5350 | Pass |
|  |      | 40  | 120 | 5300.060 | 5250 to 5350 | Pass |
|  |      | 50  | 120 | 5300.080 | 5250 to 5350 | Pass |
|  | 5320 | 20  | 102 | 5320.040 | 5250 to 5350 | Pass |
|  |      |     | 120 | 5320.040 | 5250 to 5350 | Pass |
|  |      |     | 138 | 5320.060 | 5250 to 5350 | Pass |
|  |      | -30 | 120 | 5320.060 | 5250 to 5350 | Pass |
|  |      | -20 | 120 | 5320.040 | 5250 to 5350 | Pass |
|  |      | -10 | 120 | 5320.060 | 5250 to 5350 | Pass |
|  |      | 0   | 120 | 5320.080 | 5250 to 5350 | Pass |
|  |      | 10  | 120 | 5320.080 | 5250 to 5350 | Pass |
|  |      | 30  | 120 | 5320.020 | 5250 to 5350 | Pass |
|  |      | 40  | 120 | 5320.060 | 5250 to 5350 | Pass |
|  |      | 50  | 120 | 5320.040 | 5250 to 5350 | Pass |
|  | 5500 | 20  | 102 | 5500.020 | 5470 to 5725 | Pass |

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|  |      |     |     |          |              |      |
|--|------|-----|-----|----------|--------------|------|
|  |      |     | 120 | 5499.980 | 5470 to 5725 | Pass |
|  |      |     | 138 | 5500.040 | 5470 to 5725 | Pass |
|  |      | -30 | 120 | 5500.020 | 5470 to 5725 | Pass |
|  |      | -20 | 120 | 5500.020 | 5470 to 5725 | Pass |
|  |      | -10 | 120 | 5500.020 | 5470 to 5725 | Pass |
|  |      | 0   | 120 | 5500.000 | 5470 to 5725 | Pass |
|  |      | 10  | 120 | 5500.000 | 5470 to 5725 | Pass |
|  |      | 30  | 120 | 5500.020 | 5470 to 5725 | Pass |
|  |      | 40  | 120 | 5500.000 | 5470 to 5725 | Pass |
|  |      | 50  | 120 | 5500.020 | 5470 to 5725 | Pass |
|  | 5580 |     | 102 | 5580.000 | 5470 to 5725 | Pass |
|  |      | 20  | 120 | 5579.980 | 5470 to 5725 | Pass |
|  |      |     | 138 | 5579.980 | 5470 to 5725 | Pass |
|  |      | -30 | 120 | 5579.980 | 5470 to 5725 | Pass |
|  |      | -20 | 120 | 5580.000 | 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 | 5580.000 | 5470 to 5725 | Pass |
|  |      | 40  | 120 | 5580.020 | 5470 to 5725 | Pass |
|  |      | 50  | 120 | 5580.000 | 5470 to 5725 | Pass |
|  | 5700 |     | 102 | 5700.060 | 5470 to 5725 | Pass |
|  |      | 20  | 120 | 5700.040 | 5470 to 5725 | Pass |
|  |      |     | 138 | 5700.020 | 5470 to 5725 | Pass |
|  |      | -30 | 120 | 5700.040 | 5470 to 5725 | Pass |
|  |      | -20 | 120 | 5700.040 | 5470 to 5725 | Pass |
|  |      | -10 | 120 | 5700.060 | 5470 to 5725 | Pass |
|  |      | 0   | 120 | 5700.080 | 5470 to 5725 | Pass |
|  |      | 10  | 120 | 5700.040 | 5470 to 5725 | Pass |
|  |      | 30  | 120 | 5700.020 | 5470 to 5725 | Pass |
|  |      | 40  | 120 | 5700.080 | 5470 to 5725 | Pass |
|  |      | 50  | 120 | 5700.040 | 5470 to 5725 | Pass |
|  | 5745 |     | 102 | 5745.020 | 5725 to 5850 | Pass |
|  |      | 20  | 120 | 5745.040 | 5725 to 5850 | Pass |
|  |      |     | 138 | 5745.040 | 5725 to 5850 | Pass |
|  |      | -30 | 120 | 5745.080 | 5725 to 5850 | Pass |
|  |      | -20 | 120 | 5745.040 | 5725 to 5850 | Pass |
|  |      | -10 | 120 | 5745.040 | 5725 to 5850 | Pass |
|  |      | 0   | 120 | 5745.080 | 5725 to 5850 | Pass |
|  |      | 10  | 120 | 5745.080 | 5725 to 5850 | Pass |

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|                     |      |      |     |     |          |              |      |
|---------------------|------|------|-----|-----|----------|--------------|------|
|                     |      |      | 30  | 120 | 5745.040 | 5725 to 5850 | Pass |
|                     |      |      | 40  | 120 | 5745.060 | 5725 to 5850 | Pass |
|                     |      |      | 50  | 120 | 5745.080 | 5725 to 5850 | Pass |
|                     |      | 5785 | 20  | 102 | 5785.060 | 5725 to 5850 | Pass |
|                     |      |      |     | 120 | 5785.060 | 5725 to 5850 | Pass |
|                     |      |      |     | 138 | 5785.040 | 5725 to 5850 | Pass |
|                     |      |      |     | -30 | 5785.080 | 5725 to 5850 | Pass |
|                     |      |      |     | -20 | 5785.100 | 5725 to 5850 | Pass |
|                     |      |      |     | -10 | 5785.040 | 5725 to 5850 | Pass |
|                     |      |      |     | 0   | 5785.080 | 5725 to 5850 | Pass |
|                     |      |      |     | 10  | 5785.040 | 5725 to 5850 | Pass |
|                     |      |      |     | 30  | 5785.080 | 5725 to 5850 | Pass |
|                     |      |      |     | 40  | 5785.040 | 5725 to 5850 | Pass |
|                     |      |      |     | 50  | 5785.080 | 5725 to 5850 | Pass |
|                     |      | 5825 | 20  | 102 | 5825.080 | 5725 to 5850 | Pass |
|                     |      |      |     | 120 | 5825.040 | 5725 to 5850 | Pass |
|                     |      |      |     | 138 | 5825.080 | 5725 to 5850 | Pass |
|                     |      |      |     | -30 | 5825.040 | 5725 to 5850 | Pass |
|                     |      |      |     | -20 | 5825.100 | 5725 to 5850 | Pass |
|                     |      |      |     | -10 | 5825.040 | 5725 to 5850 | Pass |
|                     |      |      |     | 0   | 5825.040 | 5725 to 5850 | Pass |
|                     |      |      |     | 10  | 5825.040 | 5725 to 5850 | Pass |
|                     |      |      |     | 30  | 5825.060 | 5725 to 5850 | Pass |
|                     |      |      |     | 40  | 5825.060 | 5725 to 5850 | Pass |
|                     |      |      |     | 50  | 5825.020 | 5725 to 5850 | Pass |
| 802.11ac<br>(VHT40) | MIMO | 5190 | 20  | 102 | 5190.040 | 5150 to 5250 | Pass |
|                     |      |      |     | 120 | 5190.040 | 5150 to 5250 | Pass |
|                     |      |      |     | 138 | 5190.040 | 5150 to 5250 | Pass |
|                     |      |      | -30 | 120 | 5190.000 | 5150 to 5250 | Pass |
|                     |      |      |     | 120 | 5190.040 | 5150 to 5250 | Pass |
|                     |      |      |     | -10 | 5190.040 | 5150 to 5250 | Pass |
|                     |      |      |     | 0   | 5190.040 | 5150 to 5250 | Pass |
|                     |      |      |     | 10  | 5190.000 | 5150 to 5250 | Pass |
|                     |      |      |     | 30  | 5190.040 | 5150 to 5250 | Pass |
|                     |      |      |     | 40  | 5190.040 | 5150 to 5250 | Pass |
|                     |      |      |     | 50  | 5190.040 | 5150 to 5250 | Pass |
|                     |      | 5230 | 20  | 102 | 5230.000 | 5150 to 5250 | Pass |
|                     |      |      |     | 120 | 5230.080 | 5150 to 5250 | Pass |
|                     |      |      |     | 138 | 5230.040 | 5150 to 5250 | Pass |
|                     |      |      | -30 | 120 | 5230.040 | 5150 to 5250 | Pass |

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|  |      |     |     |          |              |      |
|--|------|-----|-----|----------|--------------|------|
|  |      | -20 | 120 | 5230.000 | 5150 to 5250 | Pass |
|  |      | -10 | 120 | 5230.000 | 5150 to 5250 | Pass |
|  |      | 0   | 120 | 5230.000 | 5150 to 5250 | Pass |
|  |      | 10  | 120 | 5230.080 | 5150 to 5250 | Pass |
|  |      | 30  | 120 | 5230.040 | 5150 to 5250 | Pass |
|  |      | 40  | 120 | 5230.000 | 5150 to 5250 | Pass |
|  |      | 50  | 120 | 5230.040 | 5150 to 5250 | Pass |
|  | 5270 | 20  | 102 | 5270.120 | 5250 to 5350 | Pass |
|  |      |     | 120 | 5270.080 | 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 | 5270.040 | 5250 to 5350 | Pass |
|  |      | 0   | 120 | 5270.080 | 5250 to 5350 | Pass |
|  |      | 10  | 120 | 5270.040 | 5250 to 5350 | Pass |
|  |      | 30  | 120 | 5270.040 | 5250 to 5350 | Pass |
|  |      | 40  | 120 | 5270.080 | 5250 to 5350 | Pass |
|  |      | 50  | 120 | 5270.080 | 5250 to 5350 | Pass |
|  | 5310 | 20  | 102 | 5310.160 | 5250 to 5350 | Pass |
|  |      |     | 120 | 5310.080 | 5250 to 5350 | Pass |
|  |      |     | 138 | 5310.080 | 5250 to 5350 | Pass |
|  |      | -30 | 120 | 5310.120 | 5250 to 5350 | Pass |
|  |      | -20 | 120 | 5310.160 | 5250 to 5350 | Pass |
|  |      | -10 | 120 | 5310.160 | 5250 to 5350 | Pass |
|  |      | 0   | 120 | 5310.160 | 5250 to 5350 | Pass |
|  |      | 10  | 120 | 5310.120 | 5250 to 5350 | Pass |
|  |      | 30  | 120 | 5310.080 | 5250 to 5350 | Pass |
|  |      | 40  | 120 | 5310.120 | 5250 to 5350 | Pass |
|  |      | 50  | 120 | 5310.160 | 5250 to 5350 | Pass |
|  | 5510 | 20  | 102 | 5510.000 | 5470 to 5725 | Pass |
|  |      |     | 120 | 5510.000 | 5470 to 5725 | Pass |
|  |      |     | 138 | 5510.000 | 5470 to 5725 | Pass |
|  |      | -30 | 120 | 5510.040 | 5470 to 5725 | Pass |
|  |      | -20 | 120 | 5510.040 | 5470 to 5725 | Pass |
|  |      | -10 | 120 | 5510.080 | 5470 to 5725 | Pass |
|  |      | 0   | 120 | 5510.000 | 5470 to 5725 | Pass |
|  |      | 10  | 120 | 5509.960 | 5470 to 5725 | Pass |
|  |      | 30  | 120 | 5510.040 | 5470 to 5725 | Pass |
|  |      | 40  | 120 | 5510.040 | 5470 to 5725 | Pass |
|  |      | 50  | 120 | 5510.000 | 5470 to 5725 | Pass |

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|      |    |     |          |              |              |      |
|------|----|-----|----------|--------------|--------------|------|
| 5550 | 20 | 102 | 5550.040 | 5470 to 5725 | Pass         |      |
|      |    | 120 | 5550.000 | 5470 to 5725 | Pass         |      |
|      |    | 138 | 5550.040 | 5470 to 5725 | Pass         |      |
|      |    | -30 | 120      | 5550.000     | 5470 to 5725 | Pass |
|      |    | -20 | 120      | 5550.000     | 5470 to 5725 | Pass |
|      |    | -10 | 120      | 5549.960     | 5470 to 5725 | Pass |
|      |    | 0   | 120      | 5549.960     | 5470 to 5725 | Pass |
|      |    | 10  | 120      | 5549.960     | 5470 to 5725 | Pass |
|      |    | 30  | 120      | 5550.040     | 5470 to 5725 | Pass |
|      |    | 40  | 120      | 5550.000     | 5470 to 5725 | Pass |
|      |    | 50  | 120      | 5550.000     | 5470 to 5725 | Pass |
| 5670 | 20 | 102 | 5670.080 | 5470 to 5725 | Pass         |      |
|      |    | 120 | 5670.080 | 5470 to 5725 | Pass         |      |
|      |    | 138 | 5670.080 | 5470 to 5725 | Pass         |      |
|      |    | -30 | 120      | 5670.040     | 5470 to 5725 | Pass |
|      |    | -20 | 120      | 5670.120     | 5470 to 5725 | Pass |
|      |    | -10 | 120      | 5670.040     | 5470 to 5725 | Pass |
|      |    | 0   | 120      | 5670.040     | 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 | 5755.120 | 5725 to 5850 | Pass         |      |
|      |    | 120 | 5755.200 | 5725 to 5850 | Pass         |      |
|      |    | 138 | 5755.120 | 5725 to 5850 | Pass         |      |
|      |    | -30 | 120      | 5755.160     | 5725 to 5850 | Pass |
|      |    | -20 | 120      | 5755.080     | 5725 to 5850 | Pass |
|      |    | -10 | 120      | 5755.200     | 5725 to 5850 | Pass |
|      |    | 0   | 120      | 5755.160     | 5725 to 5850 | Pass |
|      |    | 10  | 120      | 5755.160     | 5725 to 5850 | Pass |
|      |    | 30  | 120      | 5755.200     | 5725 to 5850 | Pass |
|      |    | 40  | 120      | 5755.200     | 5725 to 5850 | Pass |
|      |    | 50  | 120      | 5755.160     | 5725 to 5850 | Pass |
| 5795 | 20 | 102 | 5795.120 | 5725 to 5850 | Pass         |      |
|      |    | 120 | 5795.120 | 5725 to 5850 | Pass         |      |
|      |    | 138 | 5795.160 | 5725 to 5850 | Pass         |      |
|      |    | -30 | 120      | 5795.120     | 5725 to 5850 | Pass |
|      |    | -20 | 120      | 5795.160     | 5725 to 5850 | Pass |
|      |    | -10 | 120      | 5795.160     | 5725 to 5850 | Pass |
|      |    | 0   | 120      | 5795.120     | 5725 to 5850 | Pass |

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|                     |      |      |     |     |          |              |              |      |
|---------------------|------|------|-----|-----|----------|--------------|--------------|------|
|                     |      |      | 10  | 120 | 5795.120 | 5725 to 5850 | Pass         |      |
|                     |      |      | 30  | 120 | 5795.080 | 5725 to 5850 | Pass         |      |
|                     |      |      | 40  | 120 | 5795.160 | 5725 to 5850 | Pass         |      |
|                     |      |      | 50  | 120 | 5795.080 | 5725 to 5850 | Pass         |      |
| 802.11ac<br>(VHT80) | MIMO | 5210 | 20  | 102 | 5210.000 | 5150 to 5250 | Pass         |      |
|                     |      |      |     | 120 | 5210.075 | 5150 to 5250 | Pass         |      |
|                     |      |      |     | 138 | 5210.000 | 5150 to 5250 | Pass         |      |
|                     |      |      | -30 | 120 | 5210.000 | 5150 to 5250 | Pass         |      |
|                     |      |      | -20 | 120 | 5210.075 | 5150 to 5250 | Pass         |      |
|                     |      |      | -10 | 120 | 5210.075 | 5150 to 5250 | Pass         |      |
|                     |      |      | 0   | 120 | 5210.075 | 5150 to 5250 | Pass         |      |
|                     |      |      | 10  | 120 | 5209.925 | 5150 to 5250 | Pass         |      |
|                     |      |      | 30  | 120 | 5210.075 | 5150 to 5250 | Pass         |      |
|                     |      |      | 40  | 120 | 5209.925 | 5150 to 5250 | Pass         |      |
|                     |      | 5290 | 20  | 102 | 5290.150 | 5250 to 5350 | Pass         |      |
|                     |      |      |     | 120 | 5290.075 | 5250 to 5350 | Pass         |      |
|                     |      |      |     | 138 | 5290.075 | 5250 to 5350 | Pass         |      |
|                     |      |      | -30 | 120 | 5290.150 | 5250 to 5350 | Pass         |      |
|                     |      |      | -20 | 120 | 5290.075 | 5250 to 5350 | Pass         |      |
|                     |      |      | -10 | 120 | 5290.150 | 5250 to 5350 | Pass         |      |
|                     |      | 5530 | 20  | 0   | 120      | 5290.075     | 5250 to 5350 | Pass |
|                     |      |      |     | 10  | 120      | 5290.075     | 5250 to 5350 | Pass |
|                     |      |      |     | 30  | 120      | 5290.000     | 5250 to 5350 | Pass |
|                     |      |      | -30 | 120 | 5290.150 | 5250 to 5350 | Pass         |      |
|                     |      |      | -20 | 120 | 5290.000 | 5250 to 5350 | Pass         |      |
|                     |      |      | -10 | 120 | 5290.075 | 5250 to 5350 | Pass         |      |
|                     |      |      | 0   | 120 | 5290.000 | 5250 to 5350 | Pass         |      |
|                     |      |      | 10  | 120 | 5290.000 | 5250 to 5350 | Pass         |      |
|                     |      |      | 30  | 120 | 5290.000 | 5250 to 5350 | Pass         |      |
|                     |      |      | 40  | 120 | 5290.000 | 5250 to 5350 | Pass         |      |
|                     |      | 5610 | 20  | 50  | 120      | 5290.150     | 5250 to 5350 | Pass |
|                     |      |      |     | 102 | 5530.075 | 5470 to 5725 | Pass         |      |
|                     |      |      |     | 120 | 5529.925 | 5470 to 5725 | Pass         |      |
|                     |      |      | 20  | 138 | 5530.000 | 5470 to 5725 | Pass         |      |
|                     |      |      |     | -30 | 120      | 5530.075     | 5470 to 5725 | Pass |
|                     |      |      |     | -20 | 120      | 5530.000     | 5470 to 5725 | Pass |
|                     |      |      | -10 | 120 | 5530.075 | 5470 to 5725 | Pass         |      |
|                     |      |      | 0   | 120 | 5530.000 | 5470 to 5725 | Pass         |      |
|                     |      |      | 10  | 120 | 5530.000 | 5470 to 5725 | Pass         |      |
|                     |      |      | 30  | 120 | 5530.000 | 5470 to 5725 | Pass         |      |
|                     |      |      | 40  | 120 | 5530.000 | 5470 to 5725 | Pass         |      |
|                     |      |      | 50  | 120 | 5530.000 | 5470 to 5725 | Pass         |      |

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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR240800303505

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|  |      |     |     |          |              |      |
|--|------|-----|-----|----------|--------------|------|
|  |      | -30 | 120 | 5610.000 | 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 | 5609.925 | 5470 to 5725 | Pass |
|  |      | 30  | 120 | 5610.000 | 5470 to 5725 | Pass |
|  |      | 40  | 120 | 5609.925 | 5470 to 5725 | Pass |
|  |      | 50  | 120 | 5609.925 | 5470 to 5725 | Pass |
|  | 5775 | 20  | 102 | 5775.375 | 5725 to 5850 | Pass |
|  |      |     | 120 | 5775.150 | 5725 to 5850 | Pass |
|  |      |     | 138 | 5775.225 | 5725 to 5850 | Pass |
|  |      | -30 | 120 | 5775.225 | 5725 to 5850 | Pass |
|  |      | -20 | 120 | 5775.225 | 5725 to 5850 | Pass |
|  |      | -10 | 120 | 5775.225 | 5725 to 5850 | Pass |
|  |      | 0   | 120 | 5775.375 | 5725 to 5850 | Pass |
|  |      | 10  | 120 | 5775.225 | 5725 to 5850 | Pass |
|  |      | 30  | 120 | 5775.375 | 5725 to 5850 | Pass |
|  |      | 40  | 120 | 5775.150 | 5725 to 5850 | Pass |
|  |      | 50  | 120 | 5775.375 | 5725 to 5850 | Pass |



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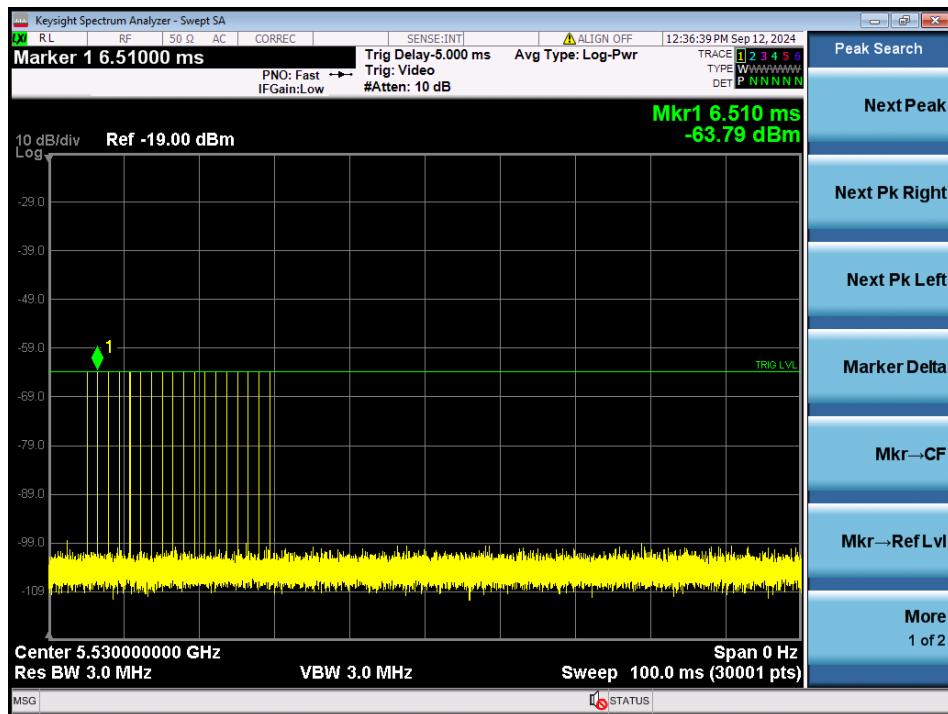
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## 7. DFS

### 7.1 Test Result

Radar:



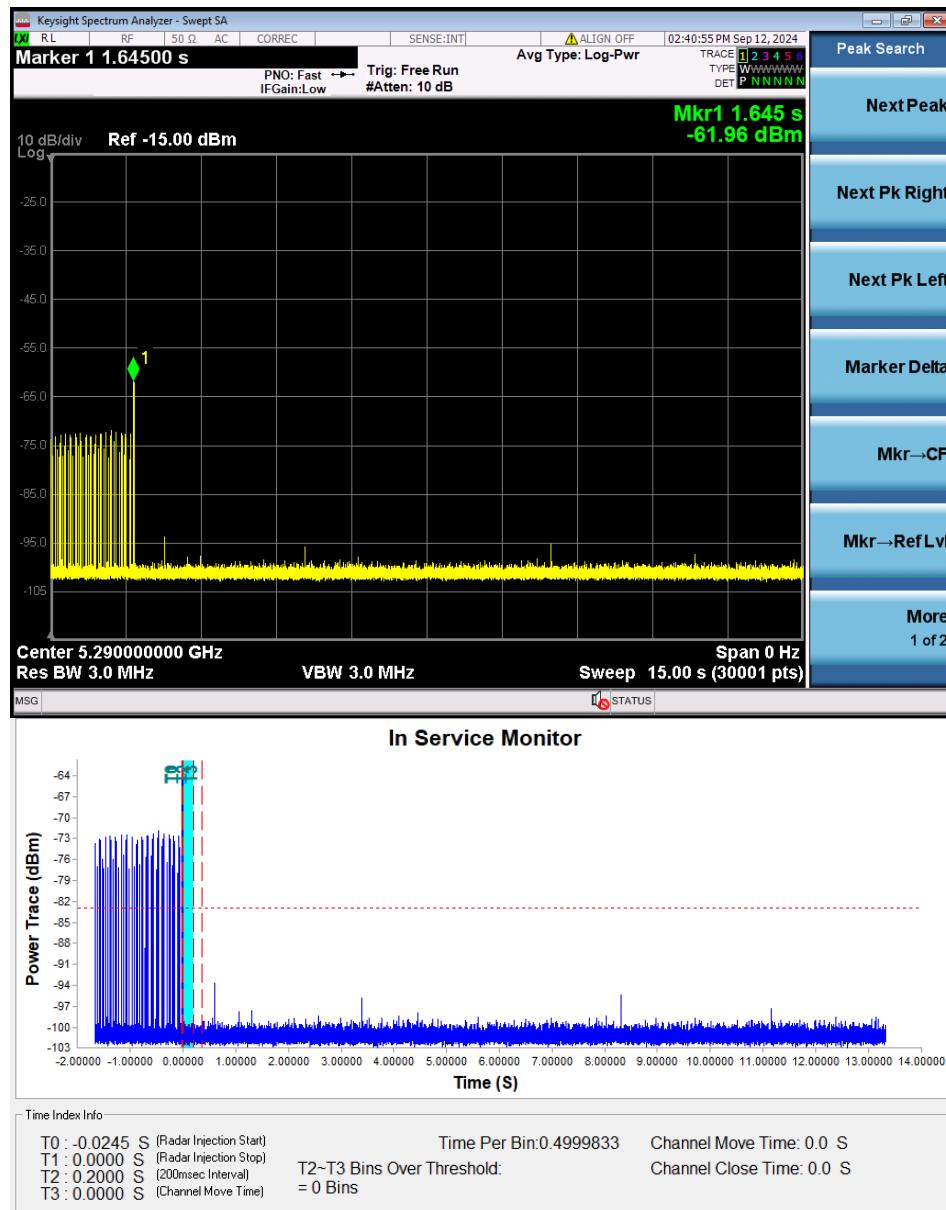
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5290MHz:



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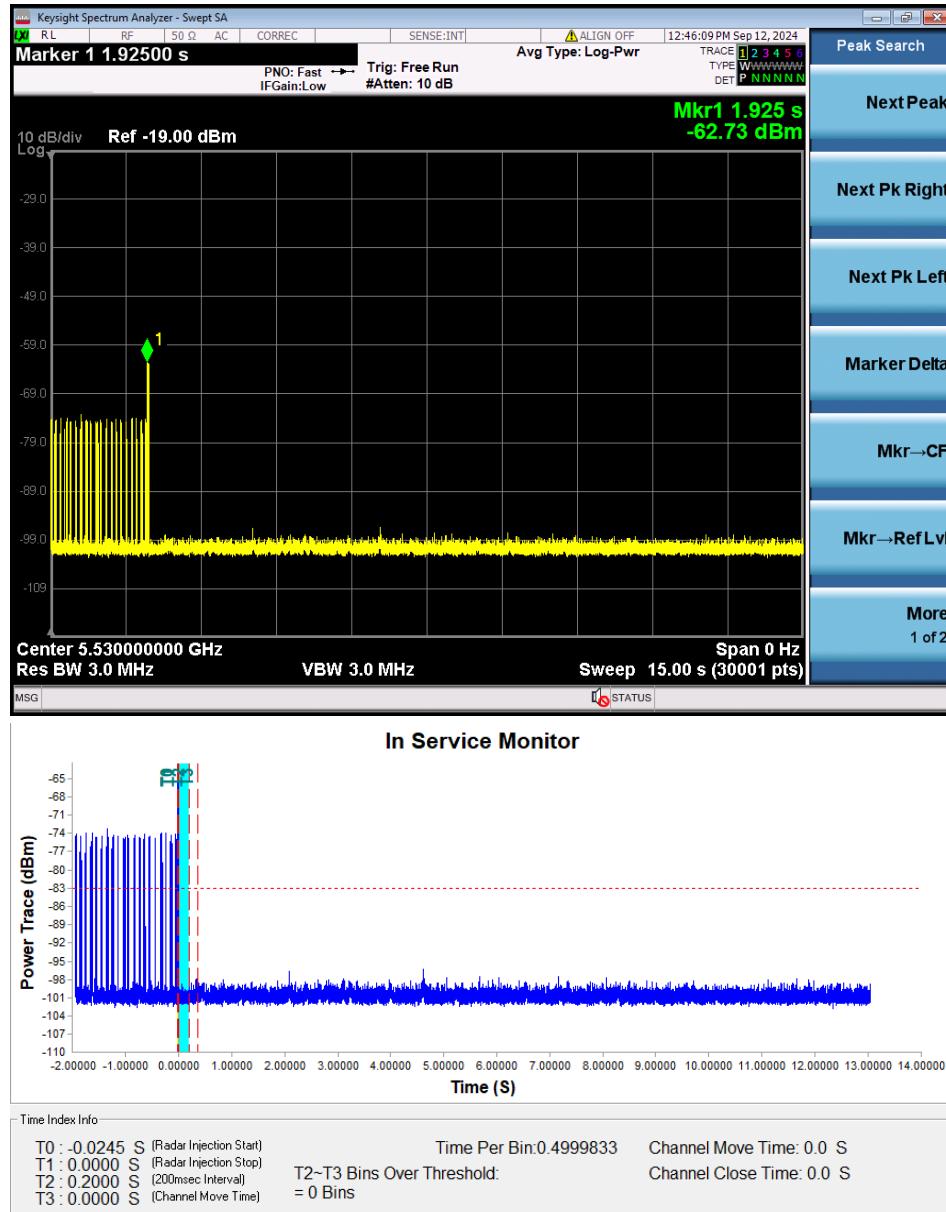
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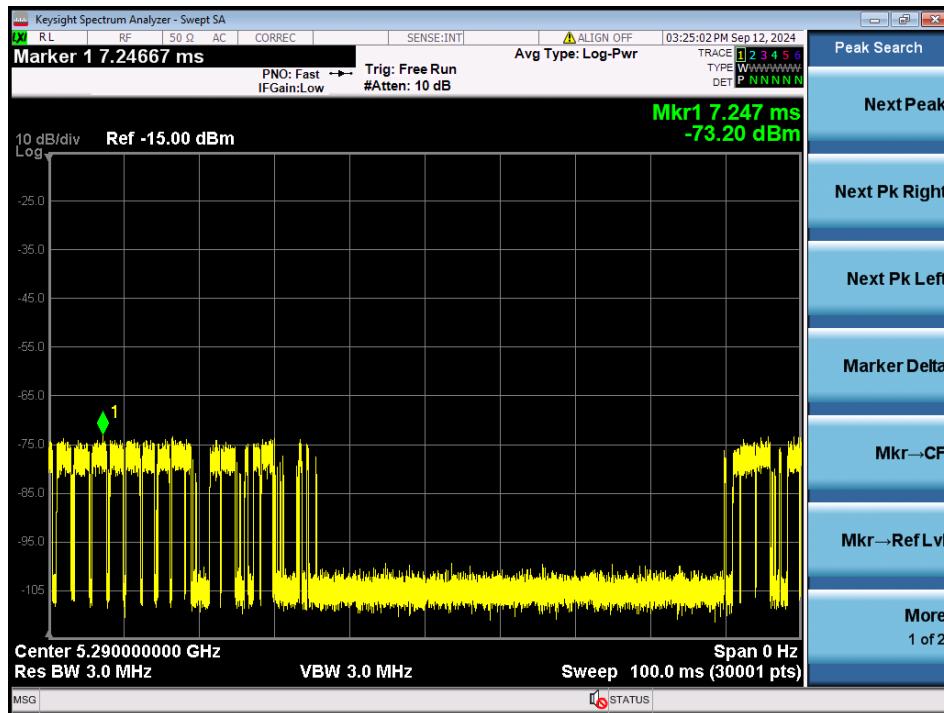
5530MHz:



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DC:(31.1%)



- End of the Report -



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