



11N20MIMO\_Ant2\_5745



11N20MIMO\_Ant1\_5785



11N20MIMO Ant2 5785



11N20MIMO Ant1 5825



11N20MIMO\_Ant2\_5825



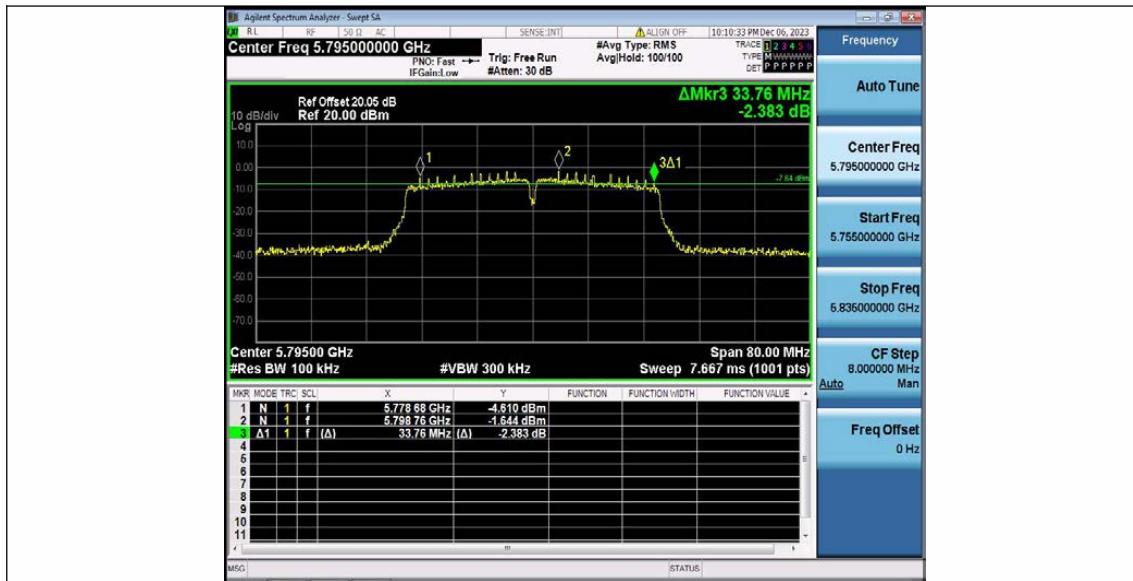
11N40MIMO\_Ant1\_5755



11N40MIMO\_Ant2\_5755



11N40MIMO\_Ant1\_5795

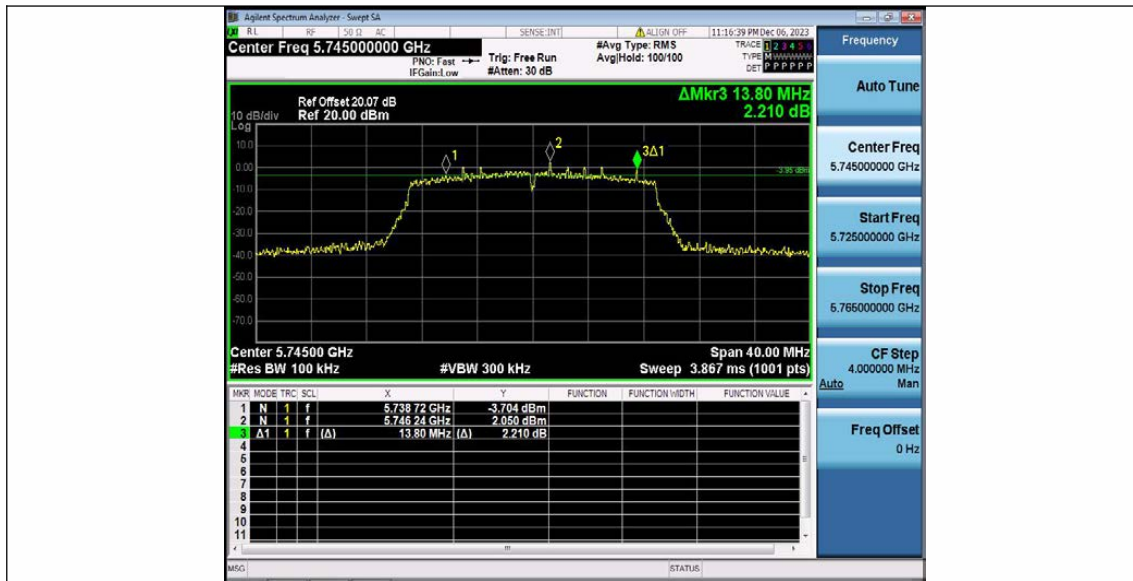


11N40MIMO Ant2 5795



11AC20MIMO Ant1 5745





11AC20MIMO Ant2 5745



11AC20MIMO Ant1 5785



11AC20MIMO Ant2 5785



11AC20MIMO Ant1 5825

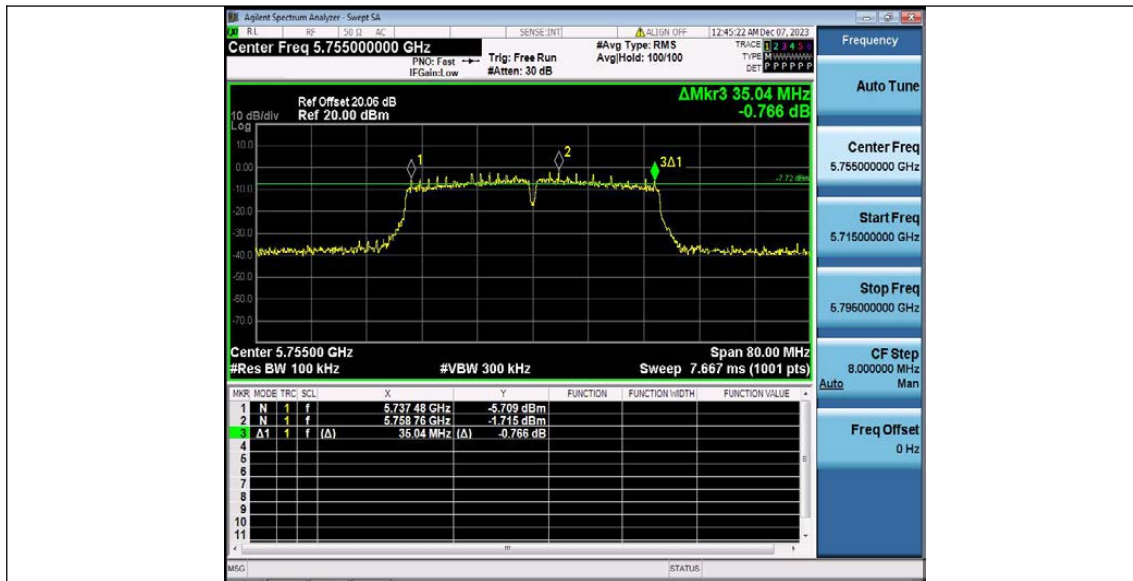


11AC20MIMO Ant2 5825

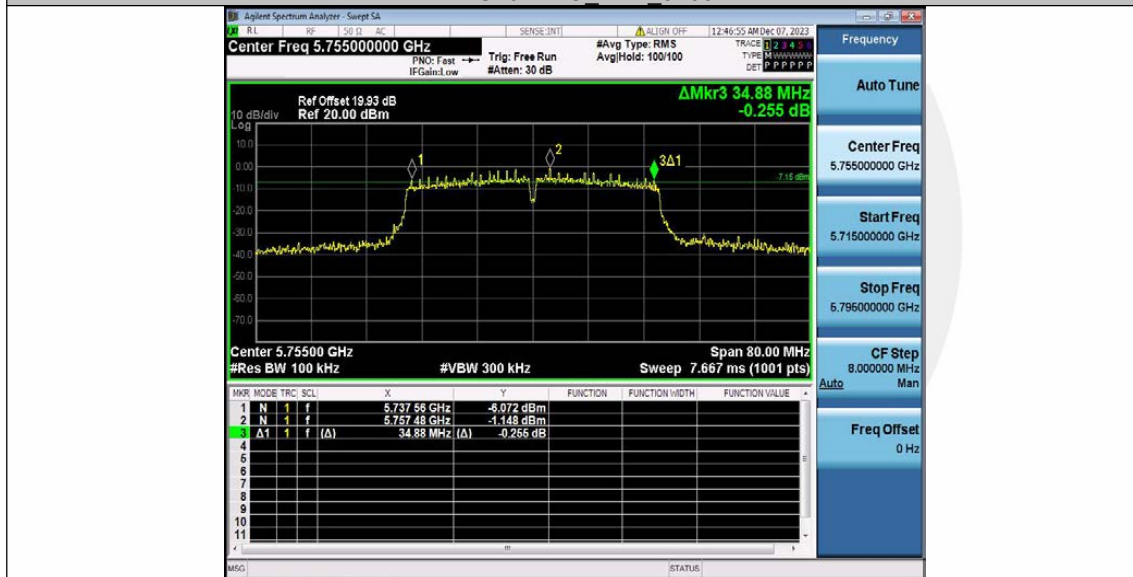


11AC40MIMO Ant1 5755

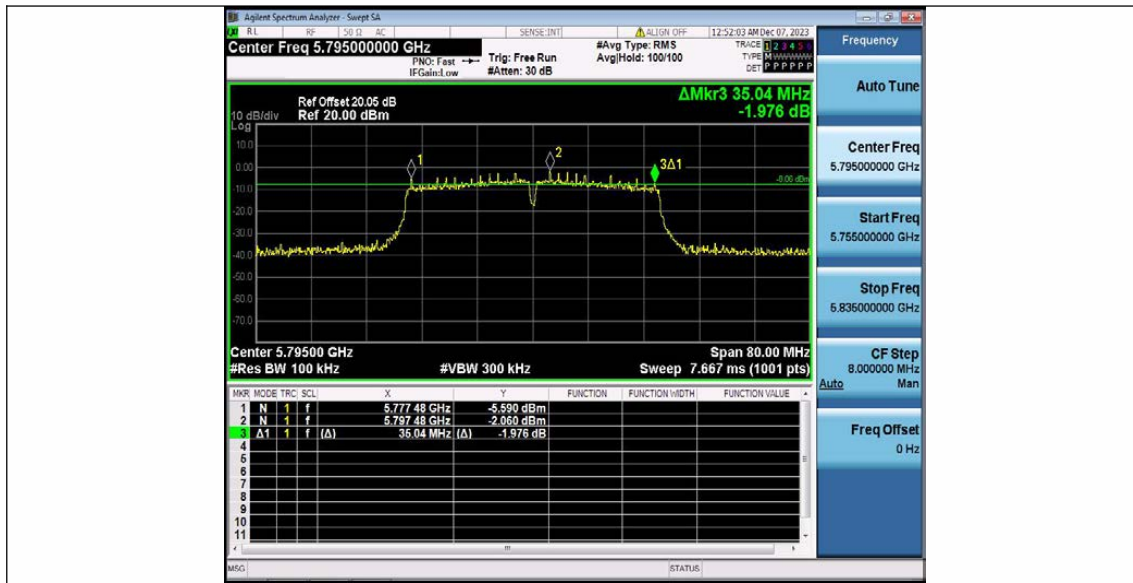




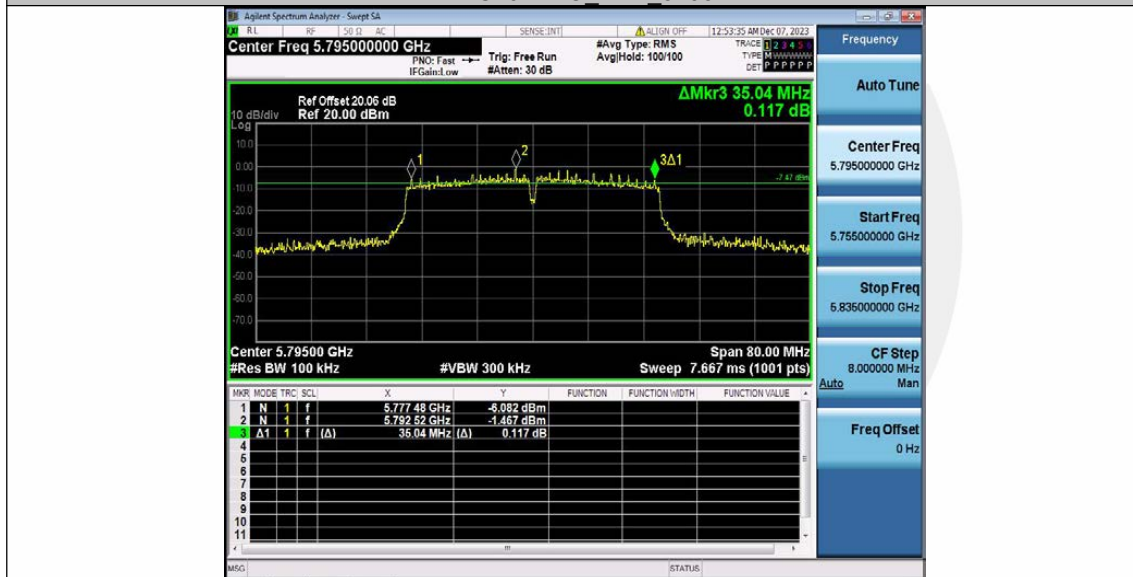
11AC40MIMO Ant2 5755



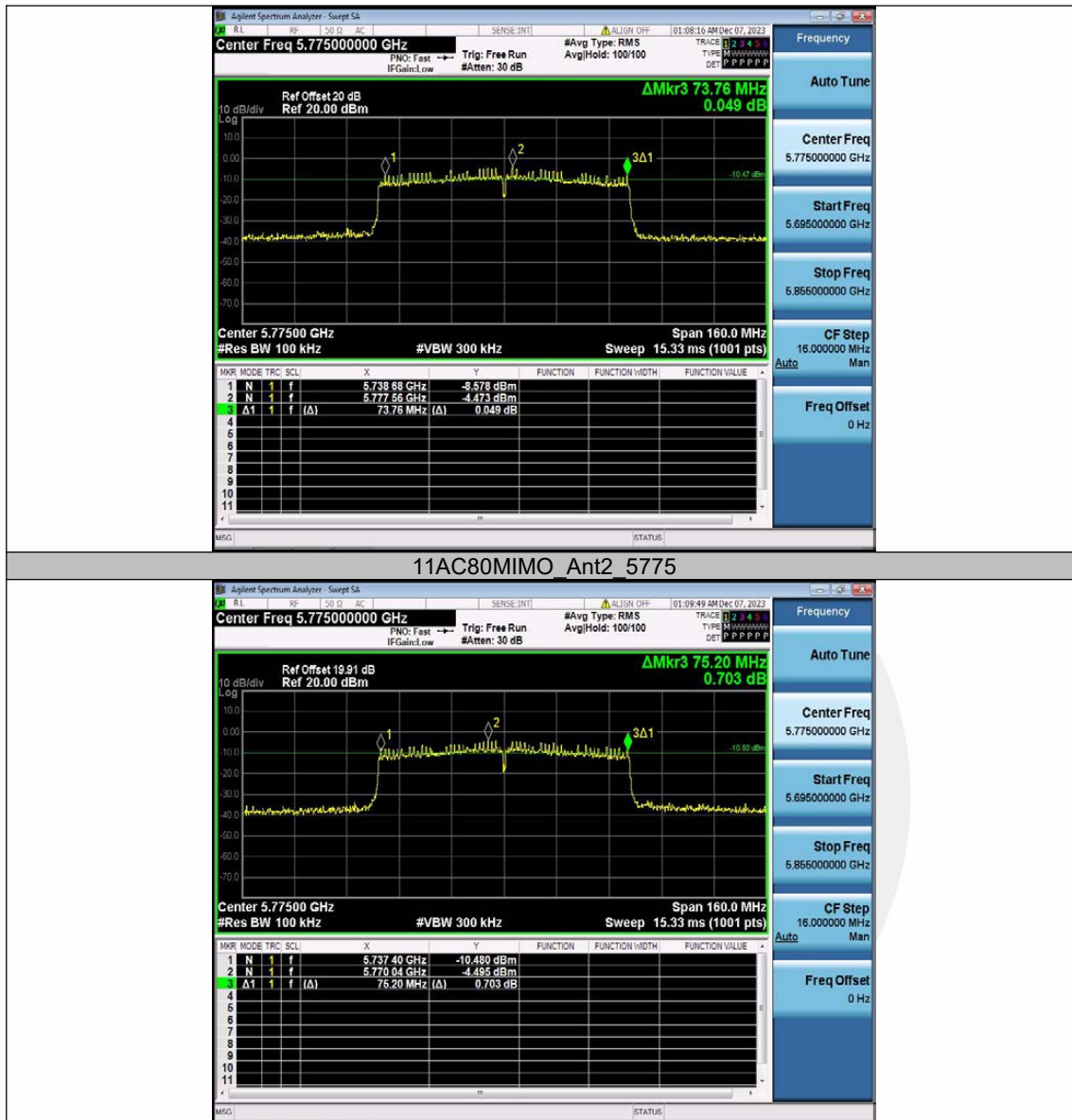
11AC40MIMO Ant1 5795



11AC40MIMO Ant2 5795



11AC80MIMO Ant1 5775



## 8.2 MAXIMUM CONDUCTED OUTPUT POWER

### 8.2.1 Applicable Standard

According to FCC Part 15.407(a)(1) for UNII Band I  
According to FCC Part 15.407(a)(2) for UNII Band II-A and UNII Band II-C  
According to FCC Part 15.407(a)(3) for UNII Band III  
According to 789033 D02 Section II(E)

### 8.2.2 Conformance Limit

■ For the band 5.15-5.25 GHz,

(a) (1) (i) For an outdoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. The maximum e.i.r.p. at any elevation angle above 30 degrees as measured from the horizon must not exceed 125 mW (21 dBm).

(a) (1) (ii) For an indoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

(a) (1) (iii) For fixed point-to-point access points operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. Fixed point-to-point U-NII devices may employ antennas with directional gain up to 23 dBi without any corresponding reduction in the maximum conducted output power or maximum power spectral density. For fixed point-to-point transmitters that employ a directional antenna gain greater than 23 dBi, a 1 dB reduction in maximum conducted output power and maximum power spectral density is required for each 1 dB of antenna gain in excess of 23 dBi. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information. The operator of the U-NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations.

(a) (1) (iv) For mobile and portable client devices in the 5.15-5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW provided the maximum antenna gain does not exceed 6 dBi. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

■ For the 5.25-5.35 GHz and 5.47-5.725 GHz bands

(a) (2) the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or  $11 \text{ dBm} + 10 \log B$ , where B is the 26 dB emission bandwidth in megahertz. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

■ For the band 5.725-5.85 GHz

(a) (3) For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

### 8.2.3 Test Configuration

Test according to clause 6.1 radio frequency test setup 1.





|               |       |      |     |       |           |      |       |            |      |           |     |      |
|---------------|-------|------|-----|-------|-----------|------|-------|------------|------|-----------|-----|------|
|               |       |      |     |       | 1         |      |       | 0          |      | 6         |     |      |
|               | Ant1  | 5785 | --- | 12.94 | 95.2<br>1 | 0.21 | 13.15 | ≤29.8<br>9 | 6.11 | 19.2<br>6 | --- | PASS |
|               | Ant2  | 5785 | --- | 13.72 | 95.2<br>1 | 0.21 | 13.93 | ≤30.0<br>0 | 4.76 | 18.6<br>9 | --- | PASS |
|               | Ant1  | 5825 | --- | 12.60 | 94.5<br>6 | 0.24 | 12.84 | ≤29.8<br>9 | 6.11 | 18.9<br>5 | --- | PASS |
|               | Ant2  | 5825 | --- | 13.85 | 95.2<br>1 | 0.21 | 14.06 | ≤30.0<br>0 | 4.76 | 18.8<br>2 | --- | PASS |
| 11N20<br>MIMO | Ant1  | 5180 | --- | 10.13 | 94.8<br>9 | 0.23 | 10.36 | ≤23.8<br>7 | 6.11 | 16.4<br>7 | --- | PASS |
|               | Ant2  | 5180 | --- | 10.02 | 94.8<br>9 | 0.23 | 10.25 | ≤23.9<br>8 | 4.76 | 15.0<br>1 | --- | PASS |
|               | total | 5180 | --- | ---   | ---       | ---  | 13.32 | ≤23.9<br>8 | ---  | 18.8<br>1 | --- | PASS |
|               | Ant1  | 5200 | --- | 9.92  | 94.8<br>9 | 0.23 | 10.15 | ≤23.8<br>7 | 6.11 | 16.2<br>6 | --- | PASS |
|               | Ant2  | 5200 | --- | 10.12 | 94.8<br>9 | 0.23 | 10.35 | ≤23.9<br>8 | 4.76 | 15.1<br>1 | --- | PASS |
|               | total | 5200 | --- | ---   | ---       | ---  | 13.26 | ≤23.9<br>8 | ---  | 18.7<br>3 | --- | PASS |
|               | Ant1  | 5240 | --- | 10.29 | 94.1<br>6 | 0.26 | 10.55 | ≤23.8<br>7 | 6.11 | 16.6<br>6 | --- | PASS |
|               | Ant2  | 5240 | --- | 10.37 | 94.8<br>9 | 0.23 | 10.60 | ≤23.9<br>8 | 4.76 | 15.3<br>6 | --- | PASS |
|               | total | 5240 | --- | ---   | ---       | ---  | 13.59 | ≤23.9<br>8 | ---  | 19.0<br>7 | --- | PASS |
|               | Ant1  | 5260 | --- | 10.80 | 94.8<br>9 | 0.23 | 11.03 | ≤23.8<br>7 | 6.11 | 17.1<br>4 | --- | PASS |
|               | Ant2  | 5260 | --- | 10.62 | 94.8<br>9 | 0.23 | 10.85 | ≤23.9<br>8 | 4.76 | 15.6<br>1 | --- | PASS |
|               | total | 5260 | --- | ---   | ---       | ---  | 13.95 | ≤23.9<br>8 | ---  | 19.4<br>5 | --- | PASS |
|               | Ant1  | 5280 | --- | 10.83 | 94.2<br>0 | 0.26 | 11.09 | ≤23.8<br>7 | 6.11 | 17.2<br>0 | --- | PASS |
|               | Ant2  | 5280 | --- | 10.60 | 94.2<br>0 | 0.26 | 10.86 | ≤23.9<br>8 | 4.76 | 15.6<br>2 | --- | PASS |
|               | total | 5280 | --- | ---   | ---       | ---  | 13.99 | ≤23.9<br>8 | ---  | 19.4<br>9 | --- | PASS |
|               | Ant1  | 5320 | --- | 10.70 | 94.8<br>9 | 0.23 | 10.93 | ≤23.8<br>7 | 6.11 | 17.0<br>4 | --- | PASS |
|               | Ant2  | 5320 | --- | 10.56 | 94.8<br>9 | 0.23 | 10.79 | ≤23.9<br>8 | 4.76 | 15.5<br>5 | --- | PASS |
|               | total | 5320 | --- | ---   | ---       | ---  | 13.87 | ≤23.9<br>8 | ---  | 19.3<br>7 | --- | PASS |
|               | Ant1  | 5500 | --- | 10.89 | 94.8<br>9 | 0.23 | 11.12 | ≤23.8<br>7 | 6.11 | 17.2<br>3 | --- | PASS |
|               | Ant2  | 5500 | --- | 10.34 | 94.8<br>9 | 0.23 | 10.57 | ≤23.9<br>8 | 4.76 | 15.3<br>3 | --- | PASS |
|               | total | 5500 | --- | ---   | ---       | ---  | 13.86 | ≤23.9<br>8 | ---  | 19.3<br>9 | --- | PASS |
|               | Ant1  | 5580 | --- | 11.05 | 94.1<br>6 | 0.26 | 11.31 | ≤23.8<br>7 | 6.11 | 17.4<br>2 | --- | PASS |
|               | Ant2  | 5580 | --- | 10.90 | 94.8<br>9 | 0.23 | 11.13 | ≤23.9<br>8 | 4.76 | 15.8<br>9 | --- | PASS |
|               | total | 5580 | --- | ---   | ---       | ---  | 14.23 | ≤23.9<br>8 | ---  | 19.7<br>3 | --- | PASS |
|               | Ant1  | 5700 | --- | 10.68 | 94.8<br>9 | 0.23 | 10.91 | ≤23.8<br>7 | 6.11 | 17.0<br>2 | --- | PASS |
|               | Ant2  | 5700 | --- | 10.88 | 94.2<br>0 | 0.26 | 11.14 | ≤23.9<br>8 | 4.76 | 15.9<br>0 | --- | PASS |
|               | total | 5700 | --- | ---   | ---       | ---  | 14.04 | ≤23.9      | ---  | 19.5      | --- | PASS |

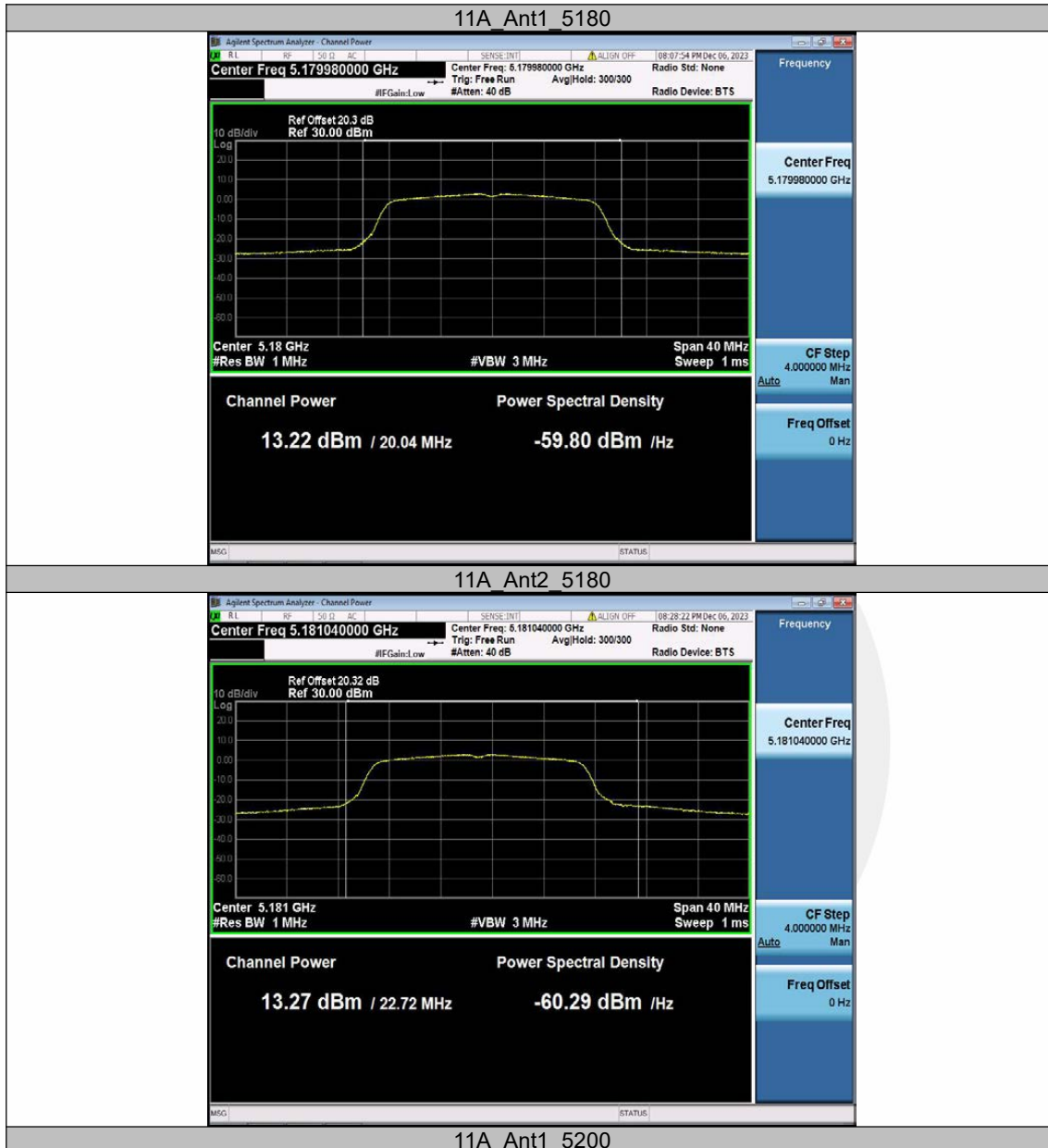
|               |       |      |       |       |           |       |            |            |           |           |      |      |
|---------------|-------|------|-------|-------|-----------|-------|------------|------------|-----------|-----------|------|------|
|               |       |      |       |       |           |       |            | 8          |           | 1         |      |      |
|               | Ant1  | 5745 | ---   | 11.41 | 94.8<br>9 | 0.23  | 11.64      | ≤29.8<br>9 | 6.11      | 17.7<br>5 | ---  | PASS |
|               | Ant2  | 5745 | ---   | 11.49 | 94.2<br>0 | 0.26  | 11.75      | ≤30.0<br>0 | 4.76      | 16.5<br>1 | ---  | PASS |
|               | total | 5745 | ---   | ---   | ---       | ---   | 14.71      | ≤30.0<br>0 | ---       | 20.1<br>8 | ---  | PASS |
|               | Ant1  | 5785 | ---   | 11.12 | 94.8<br>9 | 0.23  | 11.35      | ≤29.8<br>9 | 6.11      | 17.4<br>6 | ---  | PASS |
|               | Ant2  | 5785 | ---   | 11.47 | 94.2<br>0 | 0.26  | 11.73      | ≤30.0<br>0 | 4.76      | 16.4<br>9 | ---  | PASS |
|               | total | 5785 | ---   | ---   | ---       | ---   | 14.55      | ≤30.0<br>0 | ---       | 20.0<br>1 | ---  | PASS |
|               | Ant1  | 5825 | ---   | 10.72 | 94.8<br>9 | 0.23  | 10.95      | ≤29.8<br>9 | 6.11      | 17.0<br>6 | ---  | PASS |
|               | Ant2  | 5825 | ---   | 11.60 | 94.8<br>9 | 0.23  | 11.83      | ≤30.0<br>0 | 4.76      | 16.5<br>9 | ---  | PASS |
|               | total | 5825 | ---   | ---   | ---       | ---   | 14.42      | ≤30.0<br>0 | ---       | 19.8<br>4 | ---  | PASS |
| 11N40<br>MIMO | Ant1  | 5190 | ---   | 10.02 | 90.1<br>4 | 0.45  | 10.47      | ≤23.8<br>7 | 6.11      | 16.5<br>8 | ---  | PASS |
|               | Ant2  | 5190 | ---   | 9.92  | 90.2<br>8 | 0.44  | 10.36      | ≤23.9<br>8 | 4.76      | 15.1<br>2 | ---  | PASS |
|               | total | 5190 | ---   | ---   | ---       | ---   | 13.43      | ≤23.9<br>8 | ---       | 18.9<br>2 | ---  | PASS |
|               | Ant1  | 5230 | ---   | 10.21 | 90.2<br>8 | 0.44  | 10.65      | ≤23.8<br>7 | 6.11      | 16.7<br>6 | ---  | PASS |
|               | Ant2  | 5230 | ---   | 10.11 | 90.2<br>8 | 0.44  | 10.55      | ≤23.9<br>8 | 4.76      | 15.3<br>1 | ---  | PASS |
|               | total | 5230 | ---   | ---   | ---       | ---   | 13.61      | ≤23.9<br>8 | ---       | 19.1<br>1 | ---  | PASS |
|               | Ant1  | 5270 | ---   | 10.89 | 88.8<br>9 | 0.51  | 11.40      | ≤23.8<br>7 | 6.11      | 17.5<br>1 | ---  | PASS |
|               | Ant2  | 5270 | ---   | 10.75 | 90.1<br>4 | 0.45  | 11.20      | ≤23.9<br>8 | 4.76      | 15.9<br>6 | ---  | PASS |
|               | total | 5270 | ---   | ---   | ---       | ---   | 14.31      | ≤23.9<br>8 | ---       | 19.8<br>1 | ---  | PASS |
|               | Ant1  | 5310 | ---   | 10.80 | 90.2<br>8 | 0.44  | 11.24      | ≤23.8<br>7 | 6.11      | 17.3<br>5 | ---  | PASS |
|               | Ant2  | 5310 | ---   | 10.54 | 90.2<br>8 | 0.44  | 10.98      | ≤23.9<br>8 | 4.76      | 15.7<br>4 | ---  | PASS |
|               | total | 5310 | ---   | ---   | ---       | ---   | 14.12      | ≤23.9<br>8 | ---       | 19.6<br>3 | ---  | PASS |
|               | Ant1  | 5510 | ---   | 11.01 | 90.2<br>8 | 0.44  | 11.45      | ≤23.8<br>7 | 6.11      | 17.5<br>6 | ---  | PASS |
|               | Ant2  | 5510 | ---   | 10.63 | 90.2<br>8 | 0.44  | 11.07      | ≤23.9<br>8 | 4.76      | 15.8<br>3 | ---  | PASS |
|               | total | 5510 | ---   | ---   | ---       | ---   | 14.27      | ≤23.9<br>8 | ---       | 19.7<br>9 | ---  | PASS |
|               | Ant1  | 5550 | ---   | 11.06 | 90.2<br>8 | 0.44  | 11.50      | ≤23.8<br>7 | 6.11      | 17.6<br>1 | ---  | PASS |
|               | Ant2  | 5550 | ---   | 10.83 | 90.2<br>8 | 0.44  | 11.27      | ≤23.9<br>8 | 4.76      | 16.0<br>3 | ---  | PASS |
|               | total | 5550 | ---   | ---   | ---       | ---   | 14.40      | ≤23.9<br>8 | ---       | 19.9<br>0 | ---  | PASS |
|               | Ant1  | 5670 | ---   | 10.87 | 90.2<br>8 | 0.44  | 11.31      | ≤23.8<br>7 | 6.11      | 17.4<br>2 | ---  | PASS |
|               | Ant2  | 5670 | ---   | 10.70 | 90.2<br>8 | 0.44  | 11.14      | ≤23.9<br>8 | 4.76      | 15.9<br>0 | ---  | PASS |
| total         | 5670  | ---  | ---   | ---   | ---       | 14.24 | ≤23.9<br>8 | ---        | 19.7<br>4 | ---       | PASS |      |
| Ant1          | 5755  | ---  | 11.37 | 90.2  | 0.44      | 11.81 | ≤29.8      | 6.11       | 17.9      | ---       | PASS |      |

|                |       |      |       |           |           |       |            |            |           |           |      |      |
|----------------|-------|------|-------|-----------|-----------|-------|------------|------------|-----------|-----------|------|------|
|                |       |      |       |           | 8         |       |            | 9          |           | 2         |      |      |
|                | Ant2  | 5755 | ---   | 11.38     | 88.8<br>9 | 0.51  | 11.89      | ≤30.0<br>0 | 4.76      | 16.6<br>5 | ---  | PASS |
|                | total | 5755 | ---   | ---       | ---       | ---   | 14.86      | ≤30.0<br>0 | ---       | 20.3<br>4 | ---  | PASS |
|                | Ant1  | 5795 | ---   | 10.87     | 90.2<br>8 | 0.44  | 11.31      | ≤29.8<br>9 | 6.11      | 17.4<br>2 | ---  | PASS |
|                | Ant2  | 5795 | ---   | 11.38     | 90.2<br>8 | 0.44  | 11.82      | ≤30.0<br>0 | 4.76      | 16.5<br>8 | ---  | PASS |
|                | total | 5795 | ---   | ---       | ---       | ---   | 14.58      | ≤30.0<br>0 | ---       | 20.0<br>3 | ---  | PASS |
| 11AC2<br>0MIMO | Ant1  | 5180 | ---   | 10.26     | 94.9<br>3 | 0.23  | 10.49      | ≤23.8<br>7 | 6.11      | 16.6<br>0 | ---  | PASS |
|                | Ant2  | 5180 | ---   | 10.13     | 94.2<br>4 | 0.26  | 10.39      | ≤23.9<br>8 | 4.76      | 15.1<br>5 | ---  | PASS |
|                | total | 5180 | ---   | ---       | ---       | ---   | 13.45      | ≤23.9<br>8 | ---       | 18.9<br>5 | ---  | PASS |
|                | Ant1  | 5200 | ---   | 10.18     | 94.9<br>3 | 0.23  | 10.41      | ≤23.8<br>7 | 6.11      | 16.5<br>2 | ---  | PASS |
|                | Ant2  | 5200 | ---   | 10.18     | 94.9<br>3 | 0.23  | 10.41      | ≤23.9<br>8 | 4.76      | 15.1<br>7 | ---  | PASS |
|                | total | 5200 | ---   | ---       | ---       | ---   | 13.42      | ≤23.9<br>8 | ---       | 18.9<br>1 | ---  | PASS |
|                | Ant1  | 5240 | ---   | 10.33     | 94.9<br>3 | 0.23  | 10.56      | ≤23.8<br>7 | 6.11      | 16.6<br>7 | ---  | PASS |
|                | Ant2  | 5240 | ---   | 10.34     | 94.2<br>4 | 0.26  | 10.60      | ≤23.9<br>8 | 4.76      | 15.3<br>6 | ---  | PASS |
|                | total | 5240 | ---   | ---       | ---       | ---   | 13.59      | ≤23.9<br>8 | ---       | 19.0<br>7 | ---  | PASS |
|                | Ant1  | 5260 | ---   | 10.83     | 94.9<br>6 | 0.22  | 11.05      | ≤23.8<br>7 | 6.11      | 17.1<br>6 | ---  | PASS |
|                | Ant2  | 5260 | ---   | 10.61     | 94.9<br>3 | 0.23  | 10.84      | ≤23.9<br>8 | 4.76      | 15.6<br>0 | ---  | PASS |
|                | total | 5260 | ---   | ---       | ---       | ---   | 13.96      | ≤23.9<br>8 | ---       | 19.4<br>6 | ---  | PASS |
|                | Ant1  | 5280 | ---   | 10.97     | 94.9<br>3 | 0.23  | 11.20      | ≤23.8<br>7 | 6.11      | 17.3<br>1 | ---  | PASS |
|                | Ant2  | 5280 | ---   | 10.72     | 94.2<br>4 | 0.26  | 10.98      | ≤23.9<br>8 | 4.76      | 15.7<br>4 | ---  | PASS |
|                | total | 5280 | ---   | ---       | ---       | ---   | 14.10      | ≤23.9<br>8 | ---       | 19.6<br>1 | ---  | PASS |
|                | Ant1  | 5320 | ---   | 10.84     | 94.9<br>3 | 0.23  | 11.07      | ≤23.8<br>7 | 6.11      | 17.1<br>8 | ---  | PASS |
|                | Ant2  | 5320 | ---   | 10.63     | 94.2<br>4 | 0.26  | 10.89      | ≤23.9<br>8 | 4.76      | 15.6<br>5 | ---  | PASS |
|                | total | 5320 | ---   | ---       | ---       | ---   | 13.99      | ≤23.9<br>8 | ---       | 19.4<br>9 | ---  | PASS |
|                | Ant1  | 5500 | ---   | 10.86     | 94.9<br>6 | 0.22  | 11.08      | ≤23.8<br>7 | 6.11      | 17.1<br>9 | ---  | PASS |
|                | Ant2  | 5500 | ---   | 10.48     | 94.9<br>6 | 0.22  | 10.70      | ≤23.9<br>8 | 4.76      | 15.4<br>6 | ---  | PASS |
|                | total | 5500 | ---   | ---       | ---       | ---   | 13.90      | ≤23.9<br>8 | ---       | 19.4<br>2 | ---  | PASS |
|                | Ant1  | 5580 | ---   | 11.19     | 94.9<br>3 | 0.23  | 11.42      | ≤23.8<br>7 | 6.11      | 17.5<br>3 | ---  | PASS |
|                | Ant2  | 5580 | ---   | 10.90     | 94.2<br>4 | 0.26  | 11.16      | ≤23.9<br>8 | 4.76      | 15.9<br>2 | ---  | PASS |
|                | total | 5580 | ---   | ---       | ---       | ---   | 14.30      | ≤23.9<br>8 | ---       | 19.8<br>1 | ---  | PASS |
| Ant1           | 5700  | ---  | 10.83 | 94.2<br>4 | 0.26      | 11.09 | ≤23.8<br>7 | 6.11       | 17.2<br>0 | ---       | PASS |      |
| Ant2           | 5700  | ---  | 10.89 | 94.9      | 0.23      | 11.12 | ≤23.9      | 4.76       | 15.8      | ---       | PASS |      |

|                |       |      |     |       |       |       |        |        |      |       |      |      |
|----------------|-------|------|-----|-------|-------|-------|--------|--------|------|-------|------|------|
|                |       |      |     |       | 3     |       |        | 8      |      | 8     |      |      |
|                | total | 5700 | --- | ---   | ---   | ---   | 14.12  | ≤23.98 | ---  | 19.60 | ---  | PASS |
|                | Ant1  | 5745 | --- | 11.34 | 94.93 | 0.23  | 11.57  | ≤29.89 | 6.11 | 17.68 | ---  | PASS |
|                | Ant2  | 5745 | --- | 11.34 | 94.24 | 0.26  | 11.60  | ≤30.00 | 4.76 | 16.36 | ---  | PASS |
|                | total | 5745 | --- | ---   | ---   | ---   | 14.60  | ≤30.00 | ---  | 20.08 | ---  | PASS |
|                | Ant1  | 5785 | --- | 10.79 | 94.93 | 0.23  | 11.02  | ≤29.89 | 6.11 | 17.13 | ---  | PASS |
|                | Ant2  | 5785 | --- | 11.11 | 94.93 | 0.23  | 11.34  | ≤30.00 | 4.76 | 16.10 | ---  | PASS |
|                | total | 5785 | --- | ---   | ---   | ---   | 14.19  | ≤30.00 | ---  | 19.66 | ---  | PASS |
|                | Ant1  | 5825 | --- | 10.54 | 94.93 | 0.23  | 10.77  | ≤29.89 | 6.11 | 16.88 | ---  | PASS |
|                | Ant2  | 5825 | --- | 11.30 | 94.93 | 0.23  | 11.53  | ≤30.00 | 4.76 | 16.29 | ---  | PASS |
|                | total | 5825 | --- | ---   | ---   | ---   | 14.18  | ≤30.00 | ---  | 19.61 | ---  | PASS |
| 11AC4<br>OMIMO | Ant1  | 5190 | --- | 9.80  | 89.04 | 0.50  | 10.30  | ≤23.87 | 6.11 | 16.41 | ---  | PASS |
|                | Ant2  | 5190 | --- | 9.73  | 90.28 | 0.44  | 10.17  | ≤23.98 | 4.76 | 14.93 | ---  | PASS |
|                | total | 5190 | --- | ---   | ---   | ---   | 13.25  | ≤23.98 | ---  | 18.74 | ---  | PASS |
|                | Ant1  | 5230 | --- | 9.95  | 90.28 | 0.44  | 10.39  | ≤23.87 | 6.11 | 16.50 | ---  | PASS |
|                | Ant2  | 5230 | --- | 9.78  | 90.28 | 0.44  | 10.22  | ≤23.98 | 4.76 | 14.98 | ---  | PASS |
|                | total | 5230 | --- | ---   | ---   | ---   | 13.32  | ≤23.98 | ---  | 18.82 | ---  | PASS |
|                | Ant1  | 5270 | --- | 10.51 | 90.28 | 0.44  | 10.95  | ≤23.87 | 6.11 | 17.06 | ---  | PASS |
|                | Ant2  | 5270 | --- | 10.33 | 90.28 | 0.44  | 10.77  | ≤23.98 | 4.76 | 15.53 | ---  | PASS |
|                | total | 5270 | --- | ---   | ---   | ---   | 13.87  | ≤23.98 | ---  | 19.37 | ---  | PASS |
|                | Ant1  | 5310 | --- | 10.39 | 90.41 | 0.44  | 10.83  | ≤23.87 | 6.11 | 16.94 | ---  | PASS |
|                | Ant2  | 5310 | --- | 10.19 | 90.28 | 0.44  | 10.63  | ≤23.98 | 4.76 | 15.39 | ---  | PASS |
|                | total | 5310 | --- | ---   | ---   | ---   | 13.74  | ≤23.98 | ---  | 19.24 | ---  | PASS |
|                | Ant1  | 5510 | --- | 10.45 | 89.04 | 0.50  | 10.95  | ≤23.87 | 6.11 | 17.06 | ---  | PASS |
|                | Ant2  | 5510 | --- | 9.84  | 90.28 | 0.44  | 10.28  | ≤23.98 | 4.76 | 15.04 | ---  | PASS |
|                | total | 5510 | --- | ---   | ---   | ---   | 13.64  | ≤23.98 | ---  | 19.18 | ---  | PASS |
|                | Ant1  | 5550 | --- | 10.37 | 90.28 | 0.44  | 10.81  | ≤23.87 | 6.11 | 16.92 | ---  | PASS |
|                | Ant2  | 5550 | --- | 10.18 | 90.28 | 0.44  | 10.62  | ≤23.98 | 4.76 | 15.38 | ---  | PASS |
|                | total | 5550 | --- | ---   | ---   | ---   | 13.73  | ≤23.98 | ---  | 19.23 | ---  | PASS |
|                | Ant1  | 5670 | --- | 10.50 | 90.28 | 0.44  | 10.94  | ≤23.87 | 6.11 | 17.05 | ---  | PASS |
|                | Ant2  | 5670 | --- | 10.16 | 90.41 | 0.44  | 10.60  | ≤23.98 | 4.76 | 15.36 | ---  | PASS |
| total          | 5670  | ---  | --- | ---   | ---   | 13.78 | ≤23.98 | ---    | 19.3 | ---   | PASS |      |

|                |       |      |     |       |           |      |       |            |      |           |     |      |
|----------------|-------|------|-----|-------|-----------|------|-------|------------|------|-----------|-----|------|
|                |       |      |     |       |           |      |       | 8          |      | 0         |     |      |
|                | Ant1  | 5755 | --- | 11.05 | 90.2<br>8 | 0.44 | 11.49 | ≤29.8<br>9 | 6.11 | 17.6<br>0 | --- | PASS |
|                | Ant2  | 5755 | --- | 11.17 | 90.4<br>1 | 0.44 | 11.61 | ≤30.0<br>0 | 4.76 | 16.3<br>7 | --- | PASS |
|                | total | 5755 | --- | ---   | ---       | ---  | 14.56 | ≤30.0<br>0 | ---  | 20.0<br>4 | --- | PASS |
|                | Ant1  | 5795 | --- | 10.66 | 90.2<br>8 | 0.44 | 11.10 | ≤29.8<br>9 | 6.11 | 17.2<br>1 | --- | PASS |
|                | Ant2  | 5795 | --- | 11.09 | 90.2<br>8 | 0.44 | 11.53 | ≤30.0<br>0 | 4.76 | 16.2<br>9 | --- | PASS |
|                | total | 5795 | --- | ---   | ---       | ---  | 14.33 | ≤30.0<br>0 | ---  | 19.7<br>8 | --- | PASS |
| 11AC8<br>0MIMO | Ant1  | 5210 | --- | 9.54  | 82.0<br>5 | 0.86 | 10.40 | ≤23.8<br>7 | 6.11 | 16.5<br>1 | --- | PASS |
|                | Ant2  | 5210 | --- | 9.42  | 82.5<br>0 | 0.84 | 10.26 | ≤23.9<br>8 | 4.76 | 15.0<br>2 | --- | PASS |
|                | total | 5210 | --- | ---   | ---       | ---  | 13.34 | ≤23.9<br>8 | ---  | 18.8<br>4 | --- | PASS |
|                | Ant1  | 5290 | --- | 10.19 | 82.0<br>5 | 0.86 | 11.05 | ≤23.8<br>7 | 6.11 | 17.1<br>6 | --- | PASS |
|                | Ant2  | 5290 | --- | 9.93  | 80.0<br>0 | 0.97 | 10.90 | ≤23.9<br>8 | 4.76 | 15.6<br>6 | --- | PASS |
|                | total | 5290 | --- | ---   | ---       | ---  | 13.99 | ≤23.9<br>8 | ---  | 19.4<br>8 | --- | PASS |
|                | Ant1  | 5530 | --- | 10.16 | 80.0<br>0 | 0.97 | 11.13 | ≤23.8<br>7 | 6.11 | 17.2<br>4 | --- | PASS |
|                | Ant2  | 5530 | --- | 9.95  | 82.0<br>5 | 0.86 | 10.81 | ≤23.9<br>8 | 4.76 | 15.5<br>7 | --- | PASS |
|                | total | 5530 | --- | ---   | ---       | ---  | 13.98 | ≤23.9<br>8 | ---  | 19.5<br>0 | --- | PASS |
|                | Ant1  | 5610 | --- | 10.54 | 82.0<br>5 | 0.86 | 11.40 | ≤23.8<br>7 | 6.11 | 17.5<br>1 | --- | PASS |
|                | Ant2  | 5610 | --- | 10.16 | 82.5<br>0 | 0.84 | 11.00 | ≤23.9<br>8 | 4.76 | 15.7<br>6 | --- | PASS |
|                | total | 5610 | --- | ---   | ---       | ---  | 14.21 | ≤23.9<br>8 | ---  | 19.7<br>3 | --- | PASS |
|                | Ant1  | 5775 | --- | 10.40 | 82.0<br>5 | 0.86 | 11.26 | ≤29.8<br>9 | 6.11 | 17.3<br>7 | --- | PASS |
|                | Ant2  | 5775 | --- | 10.65 | 82.5<br>0 | 0.84 | 11.49 | ≤30.0<br>0 | 4.76 | 16.2<br>5 | --- | PASS |
|                | total | 5775 | --- | ---   | ---       | ---  | 14.39 | ≤30.0<br>0 | ---  | 19.8<br>6 | --- | PASS |







11A\_Ant2\_5200



11A\_Ant1\_5240



11A\_Ant2\_5240



11A\_Ant1\_5260



11A\_Ant2\_5260



11A\_Ant1\_5280



11A\_Ant2\_5280



11A\_Ant1\_5320





11A\_Ant2\_5320



11A\_Ant1\_5500



11A\_Ant2\_5500



11A\_Ant1\_5580



11A\_Ant2\_5580



11A\_Ant1\_5700



11A\_Ant2\_5700



11A\_Ant1\_5745



11A\_Ant2\_5745



11A\_Ant1\_5785





11A\_Ant2\_5785



11A\_Ant1\_5825



11A\_Ant2\_5825



11N20MIMO Ant1\_5180



11N20MIMO Ant2 5180



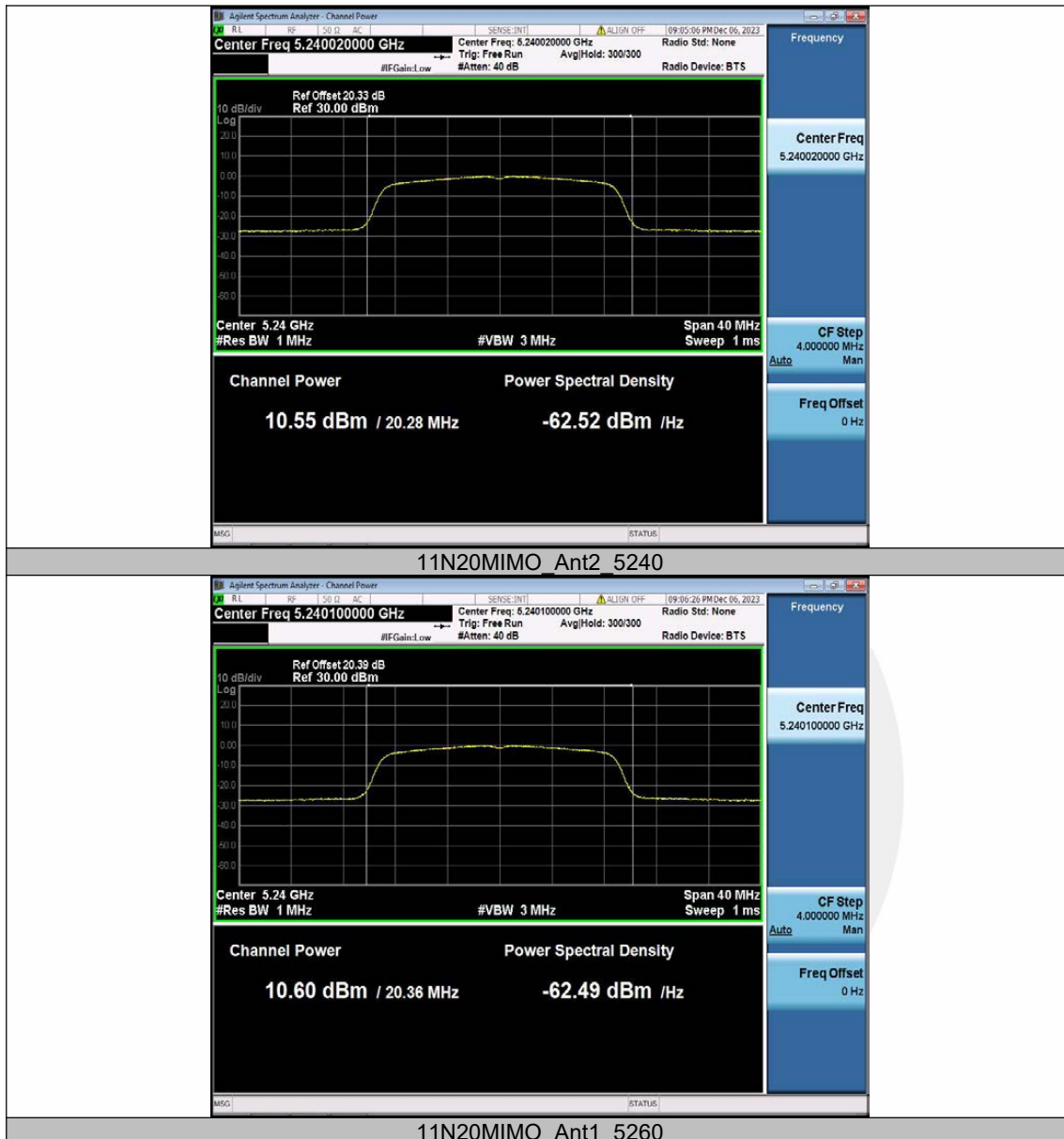
11N20MIMO Ant1 5200



11N20MIMO\_Ant2\_5200



11N20MIMO\_Ant1\_5240



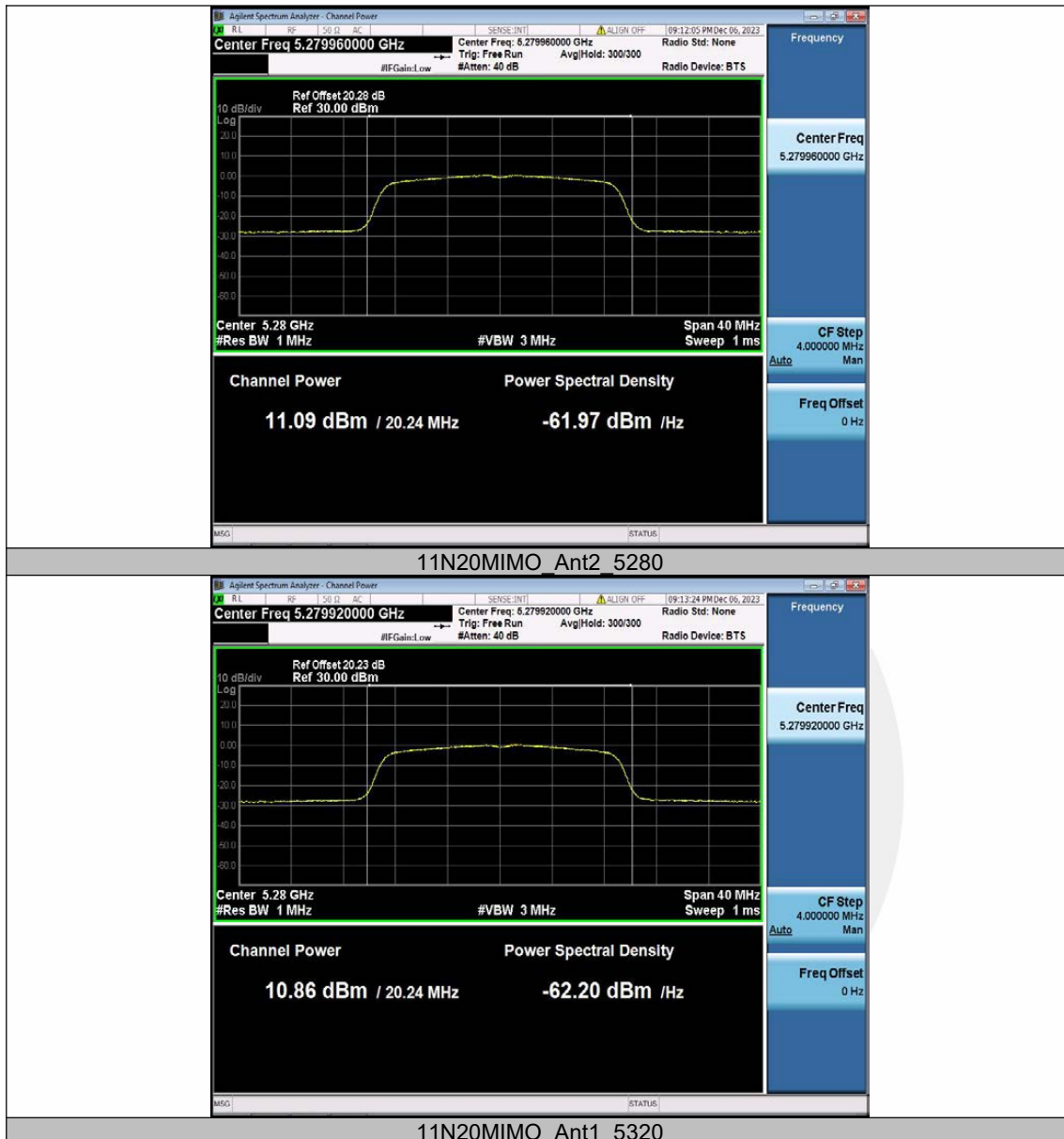




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11N20MIMO\_Ant1\_5280

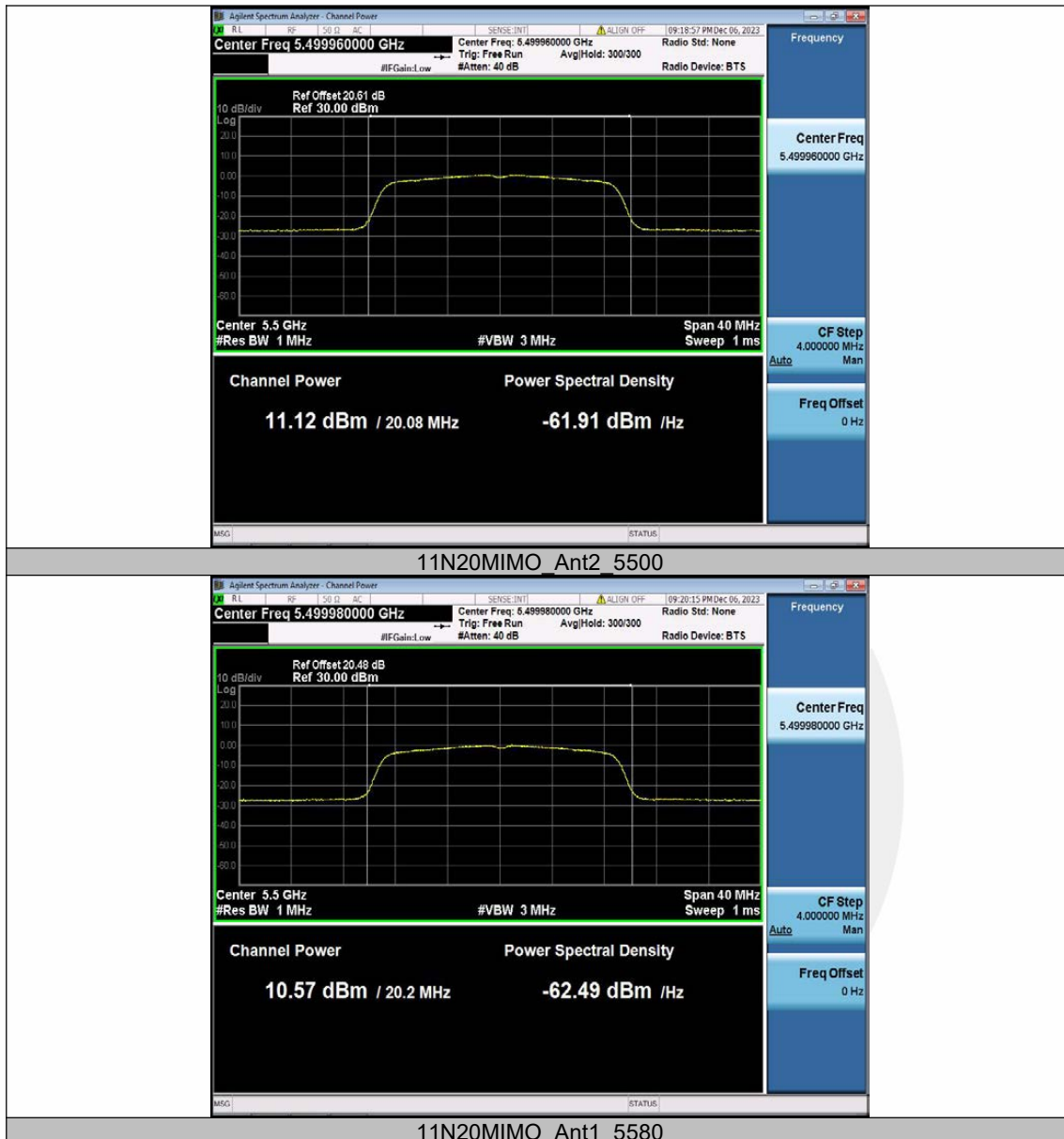


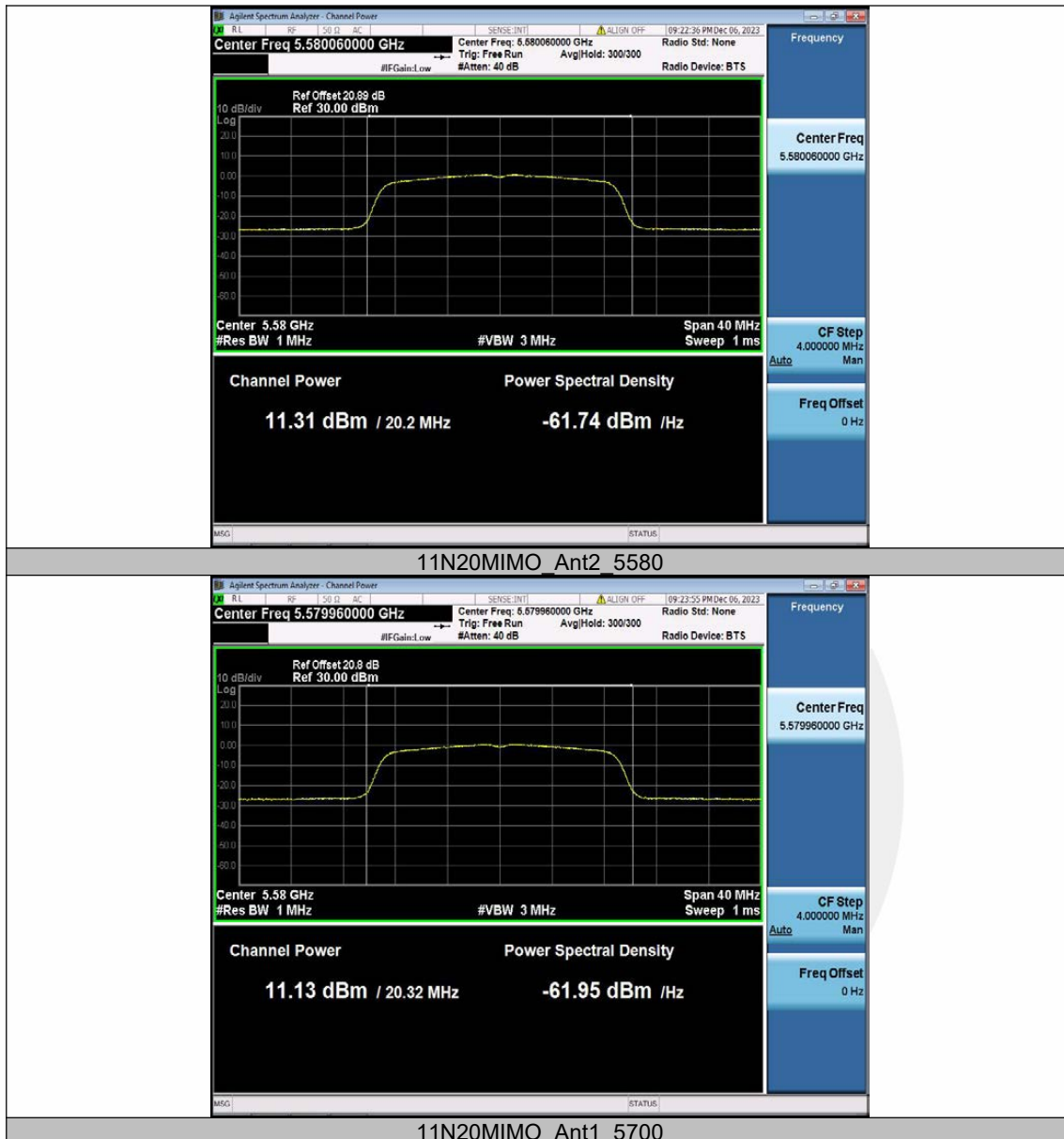


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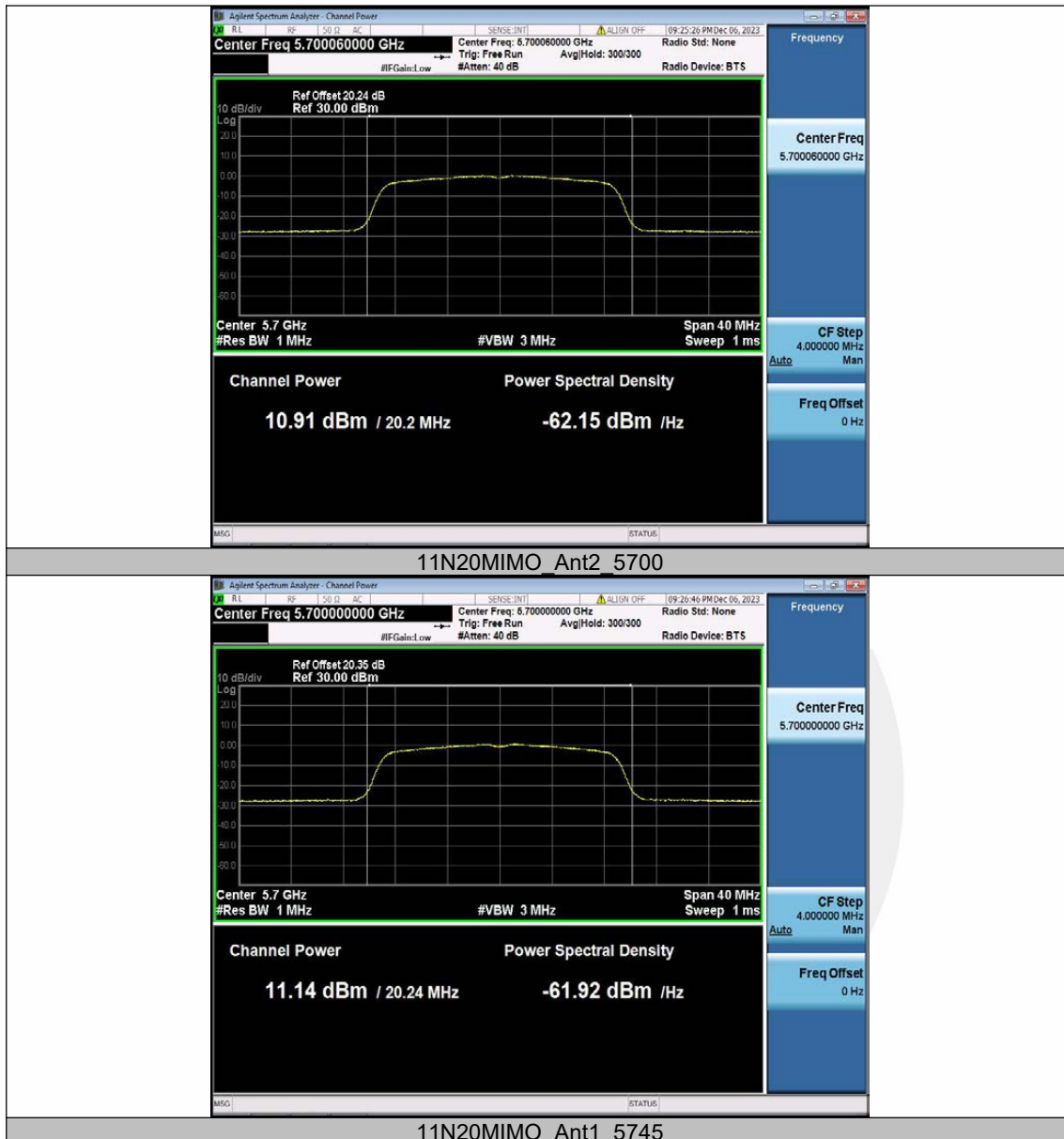


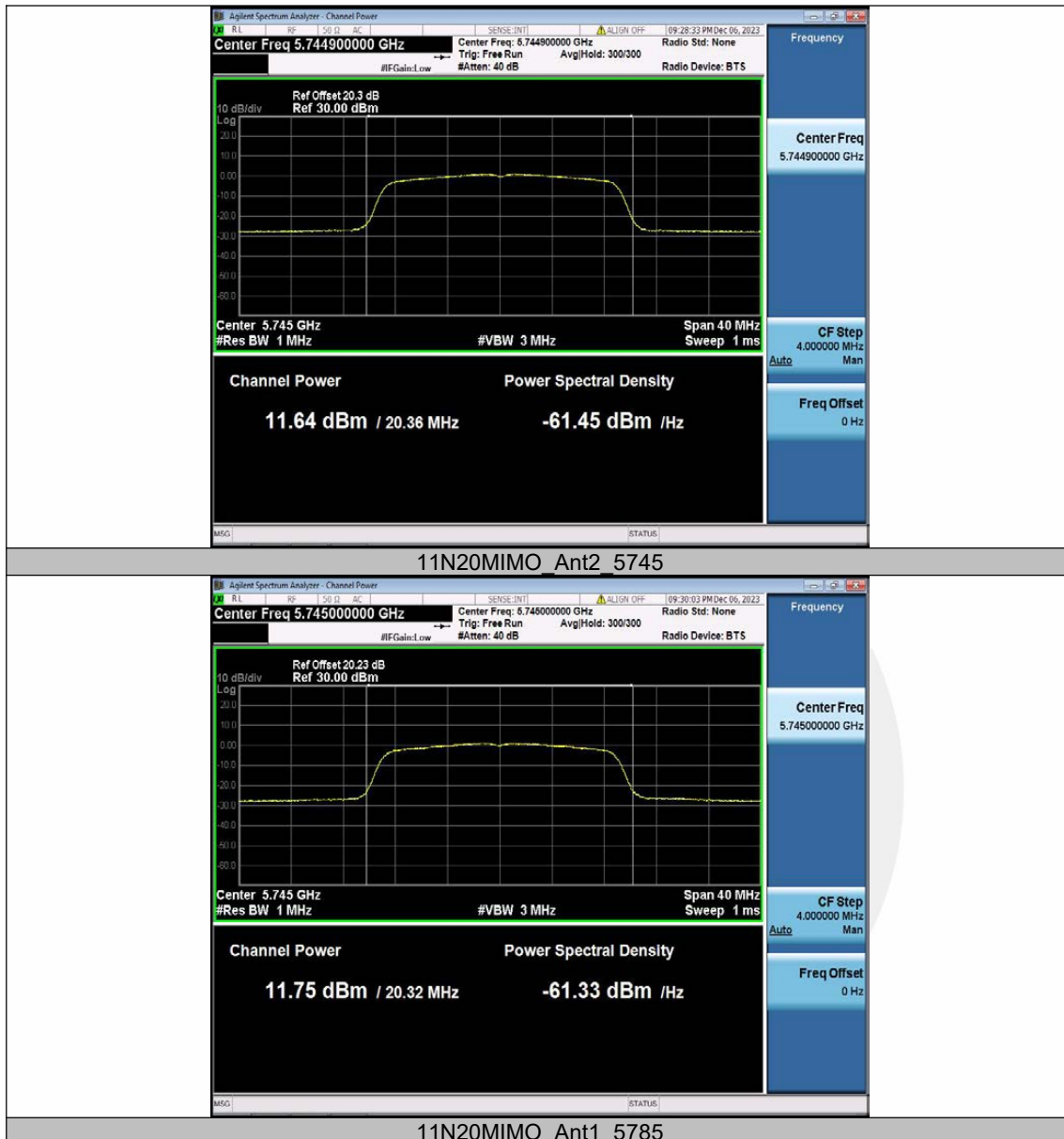
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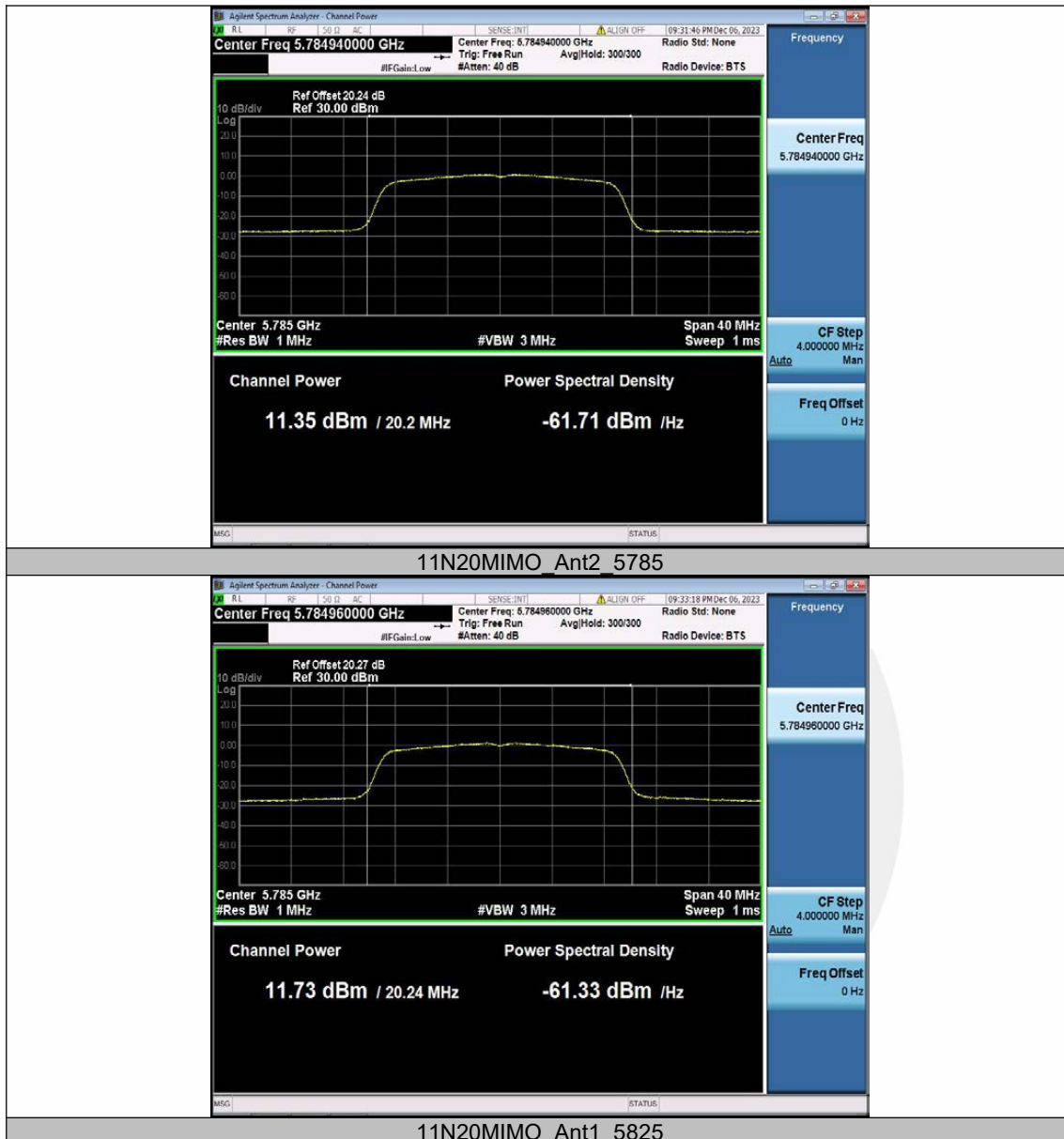














11N20MIMO\_Ant2\_5825



11N40MIMO\_Ant1\_5190



11N40MIMO\_Ant2\_5190



11N40MIMO\_Ant1\_5230





11N40MIMO\_Ant2\_5230



11N40MIMO\_Ant1\_5270



11N40MIMO Ant2 5270



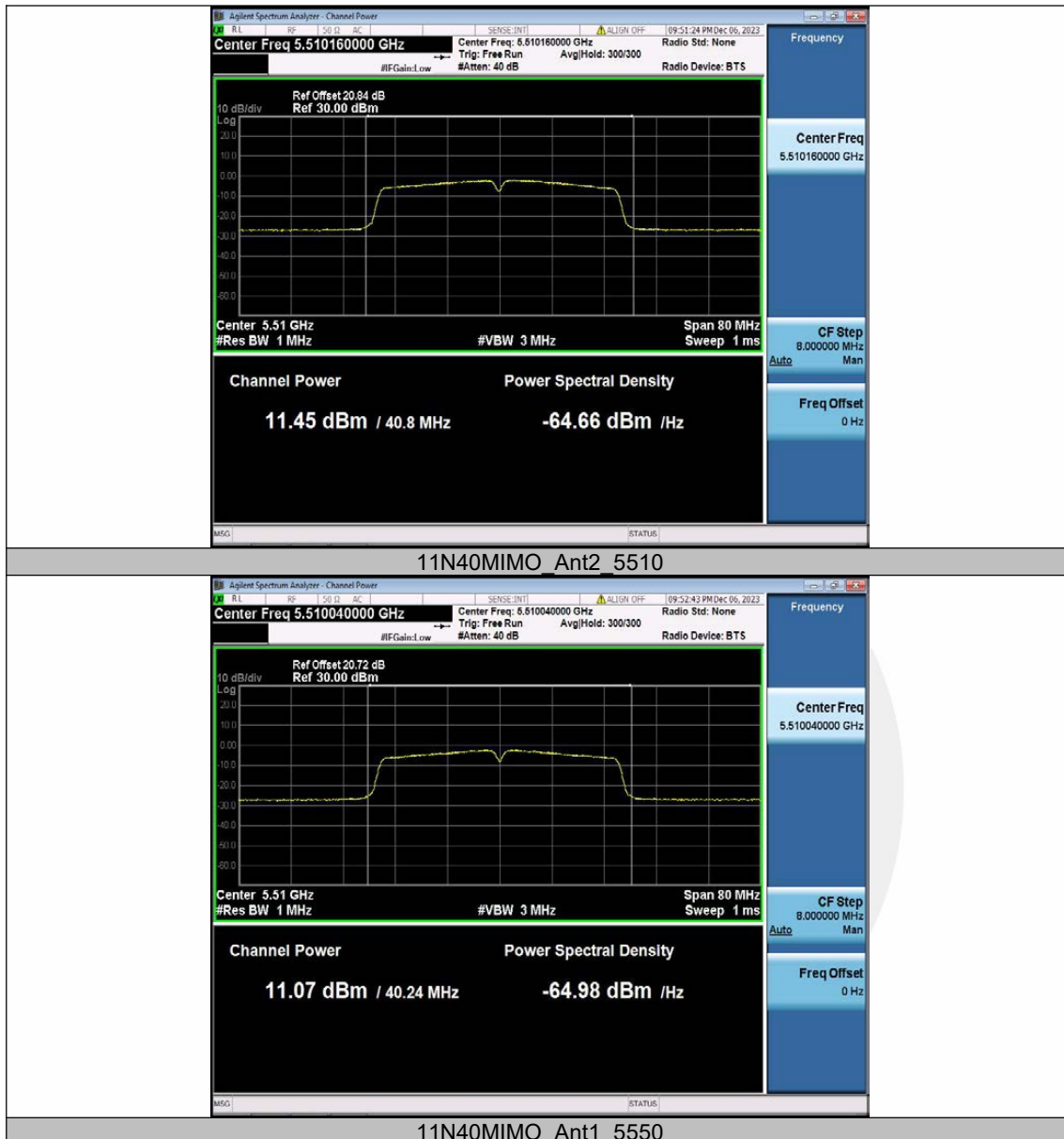
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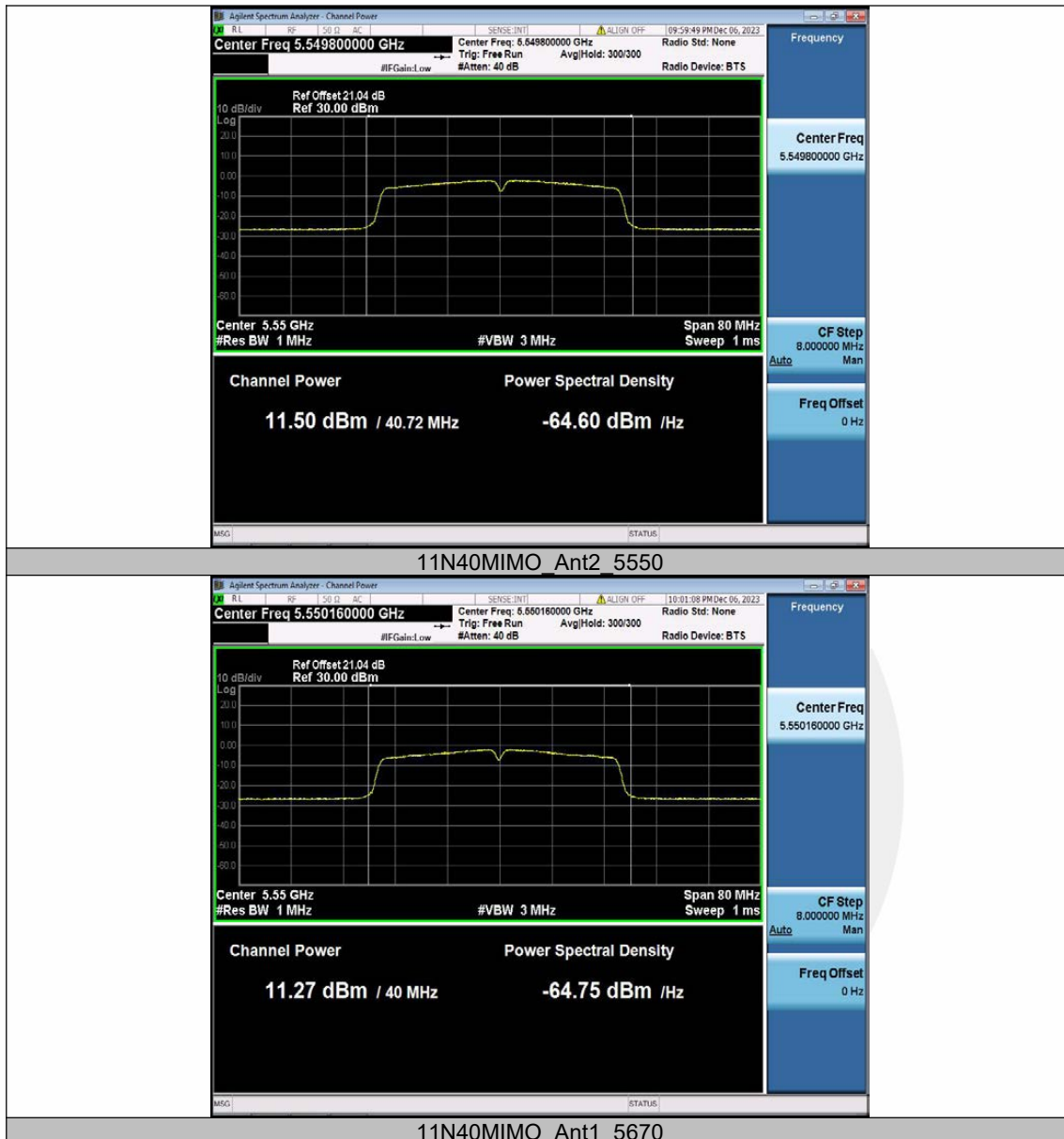


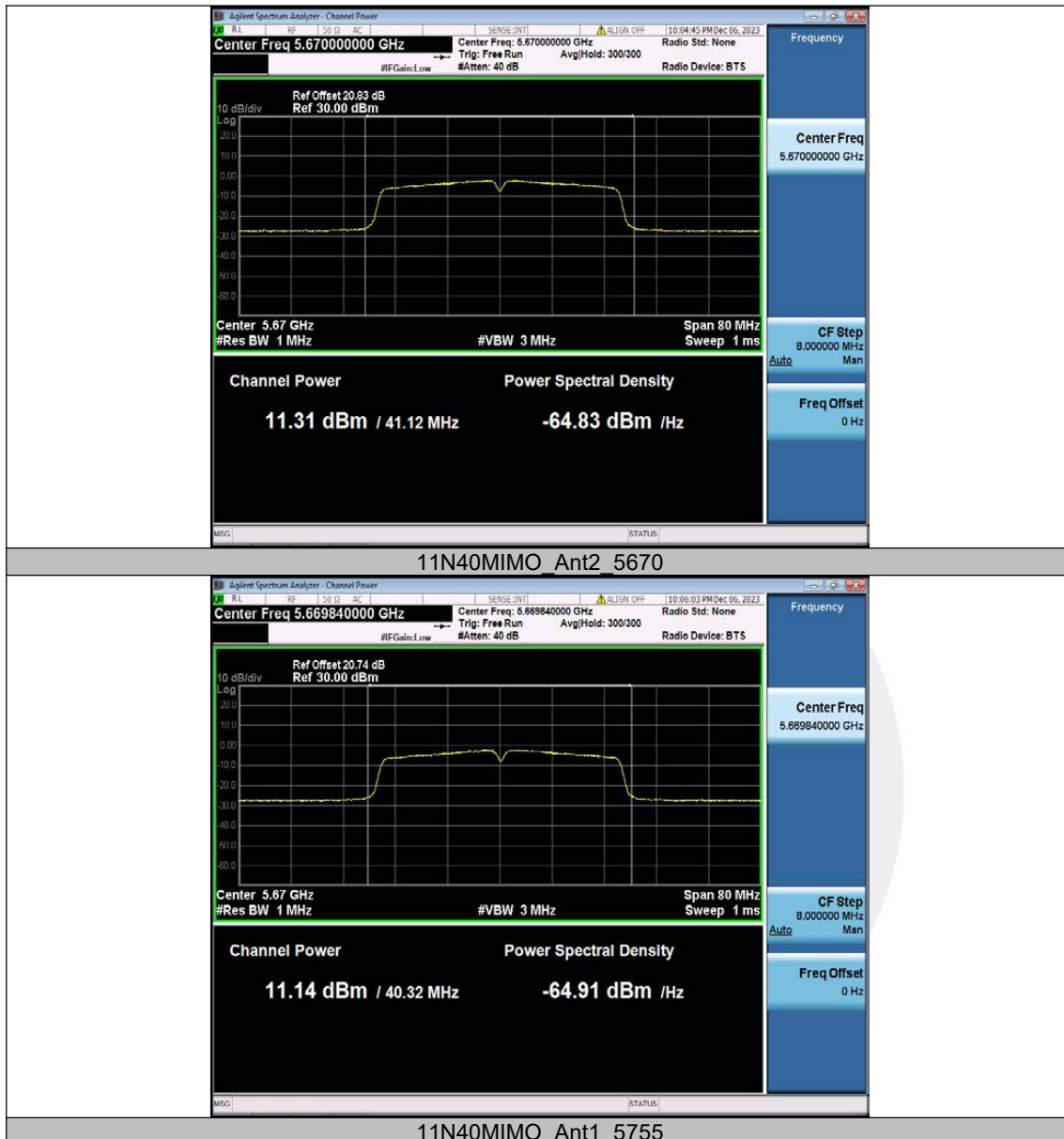
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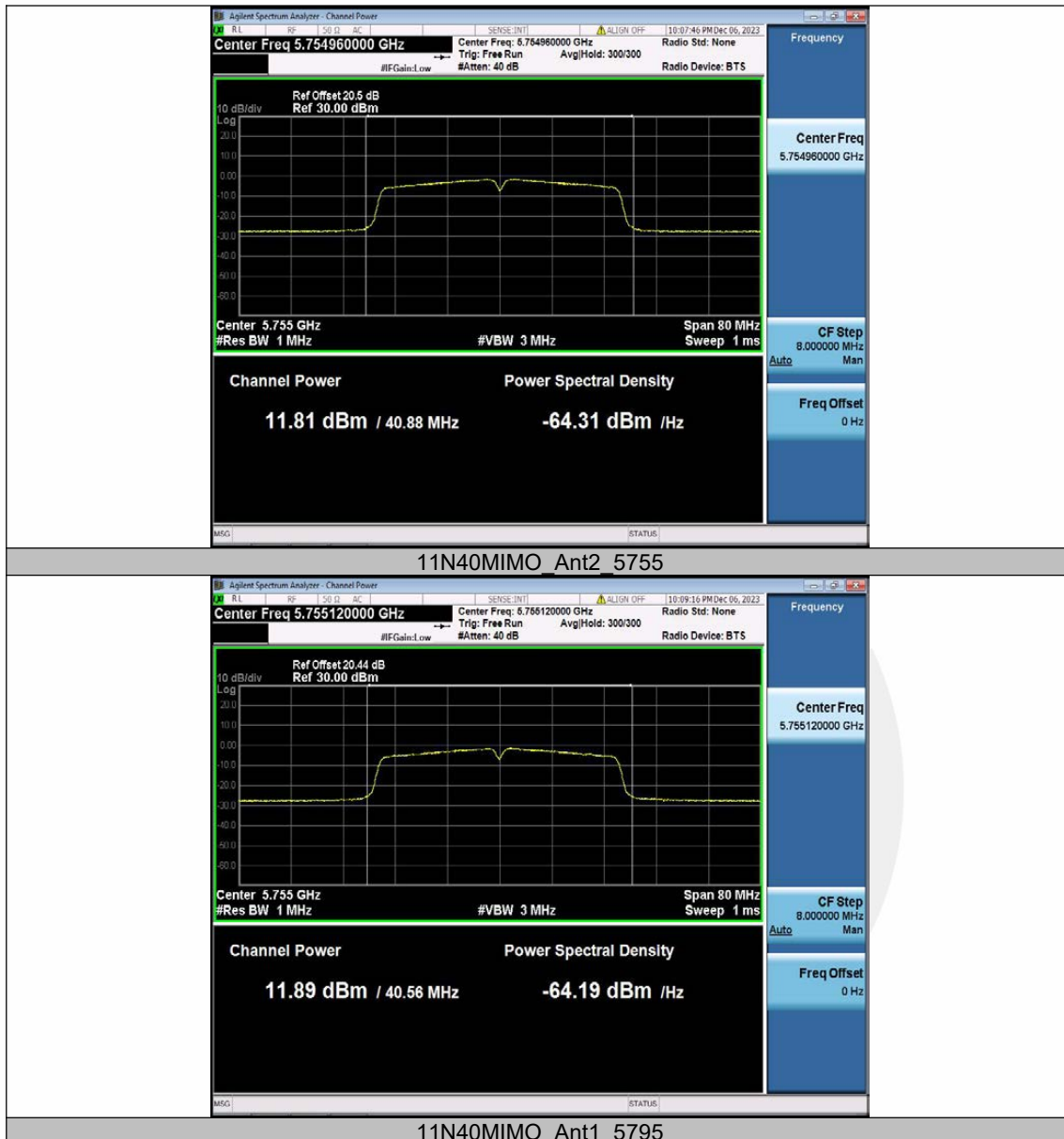
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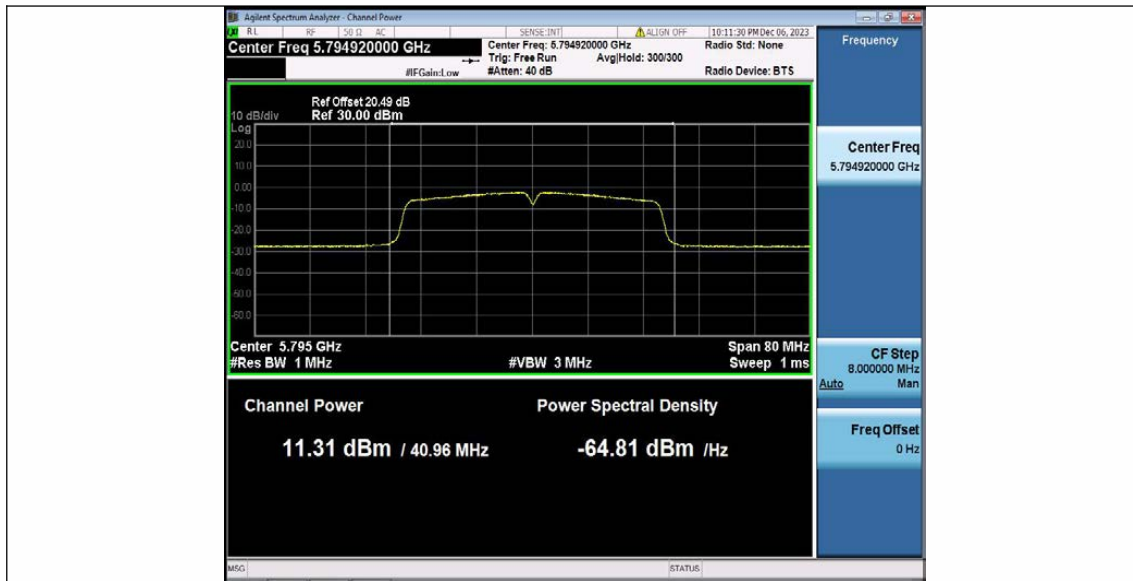












11N40MIMO Ant2 5795



11AC20MIMO Ant1 5180



11AC20MIMO Ant2 5180



11AC20MIMO Ant1 5200



11AC20MIMO Ant2 5200



11AC20MIMO Ant1 5240