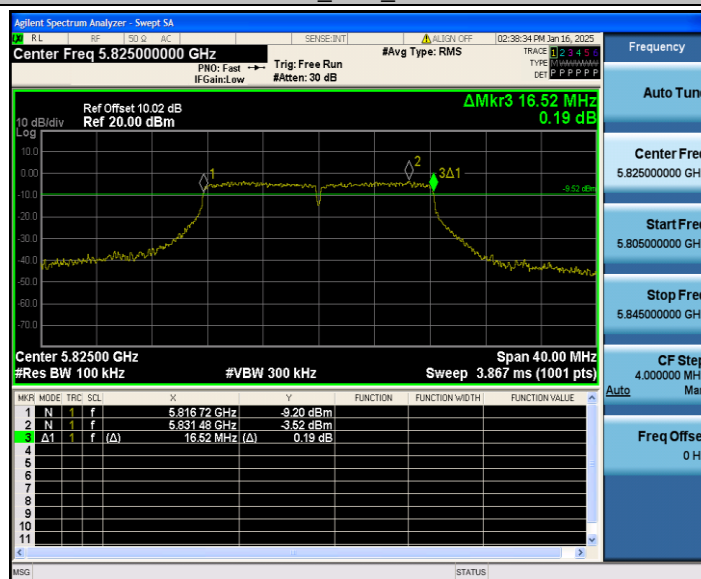
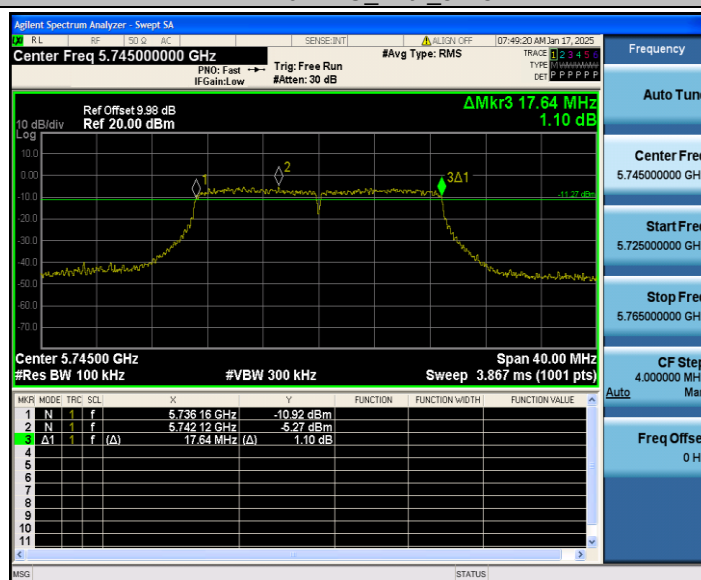


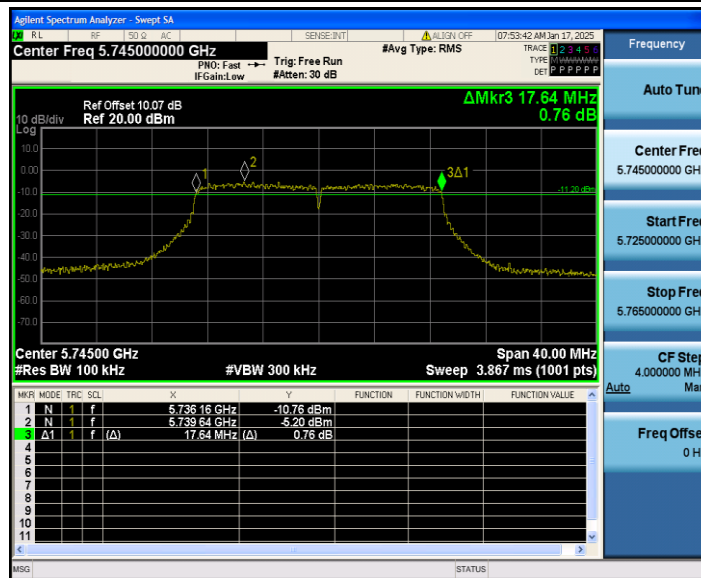
11A Ant2 5825



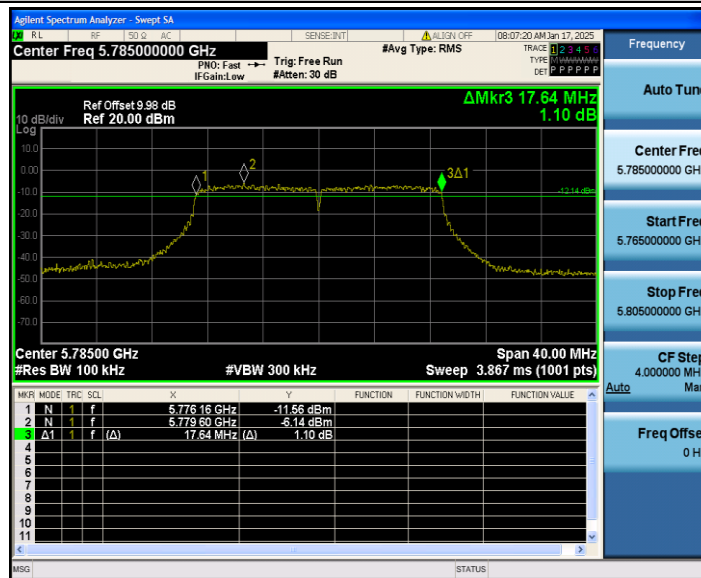
11N20MIMO Ant1 5745



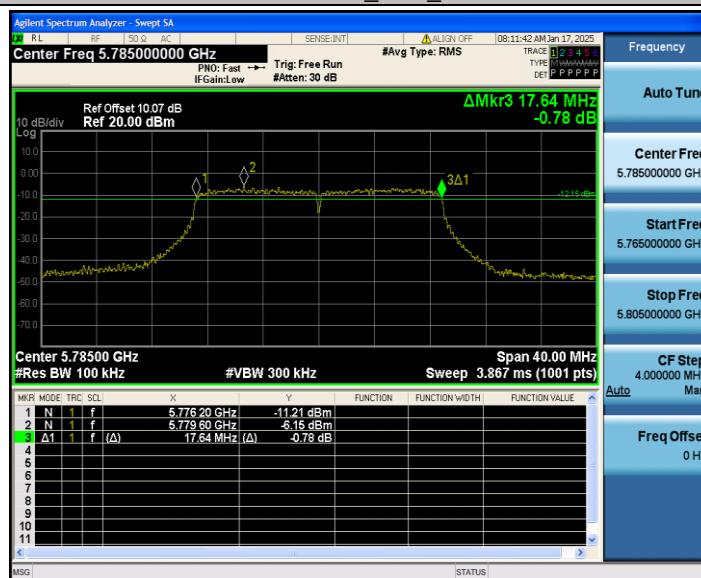
11N20MIMO Ant2 5745



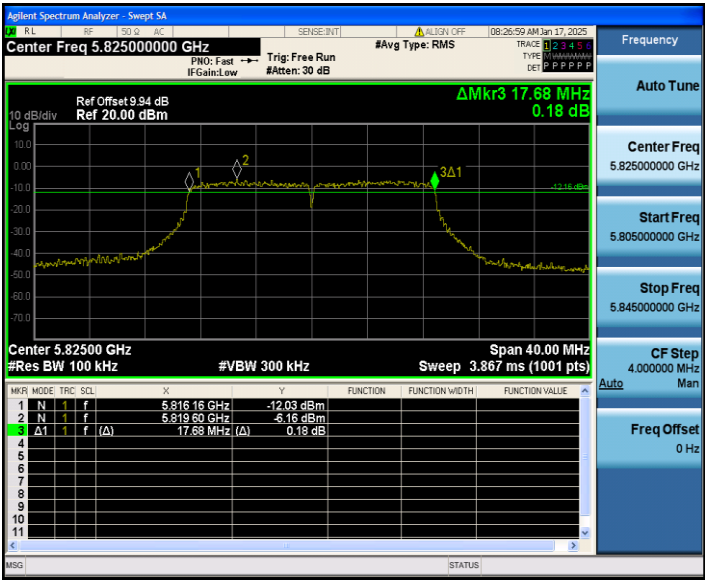
11N20MIMO\_Ant1\_5785



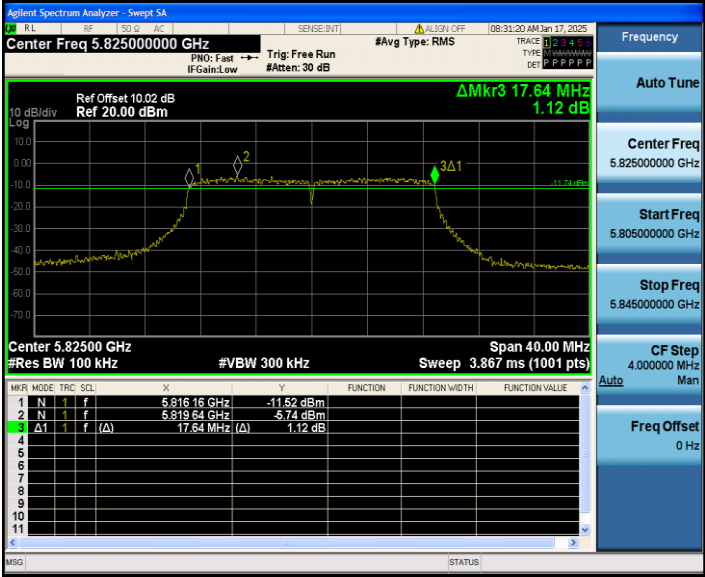
11N20MIMO\_Ant2\_5785



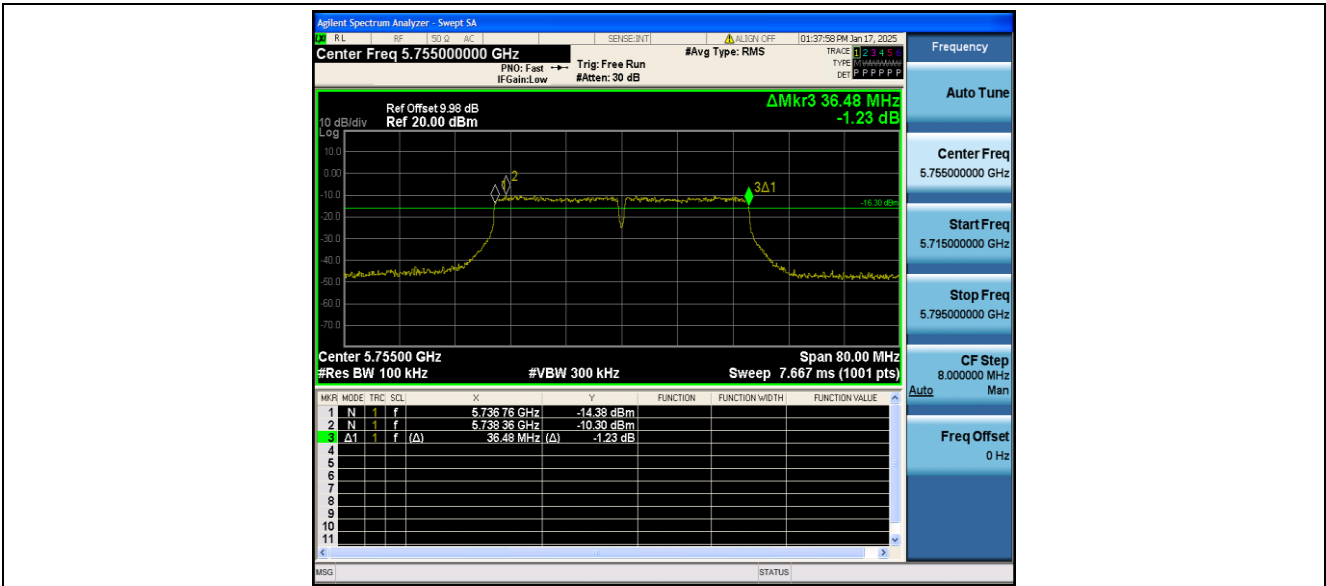
### 11N20MIMO\_Ant1\_5825



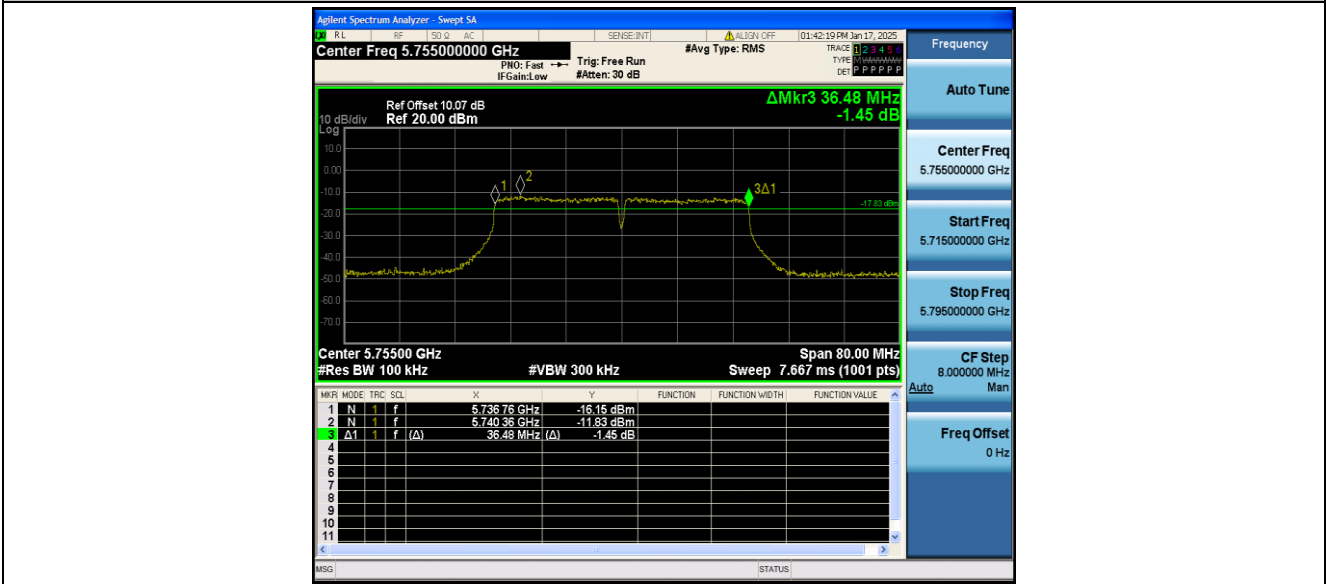
### 11N20MIMO\_Ant2\_5825



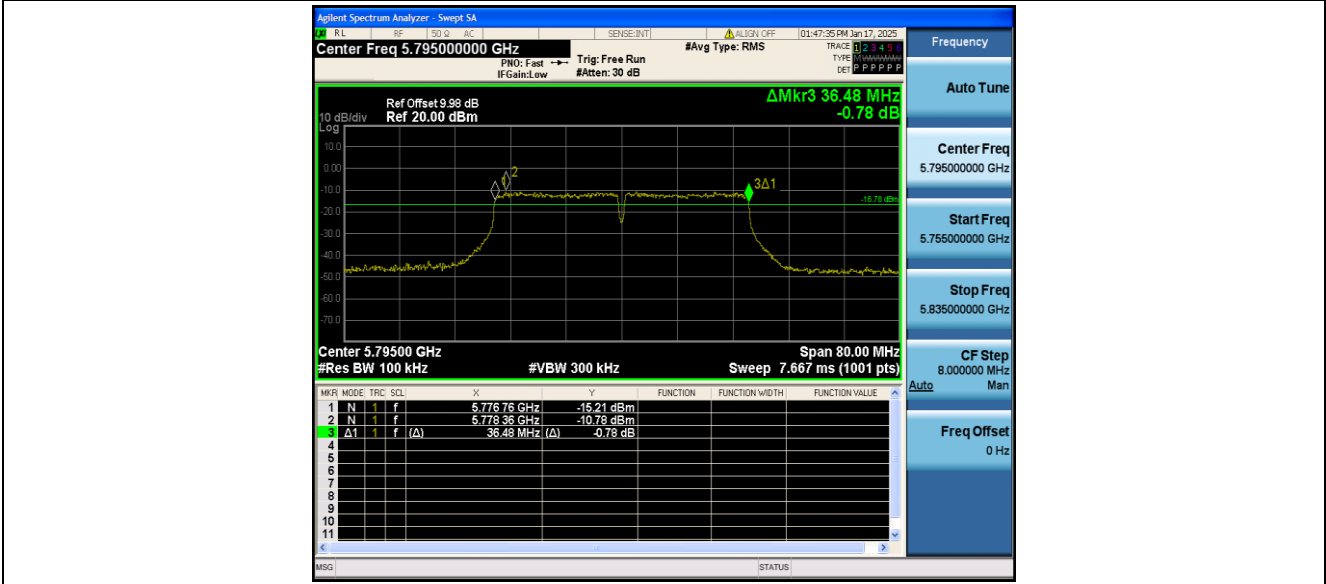
### 11N40MIMO\_Ant1\_5755



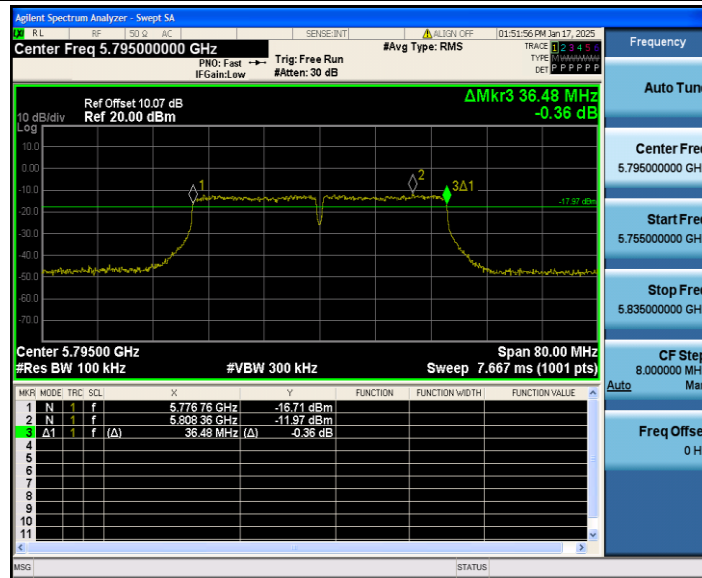
11N40MIMO\_Ant2\_5755



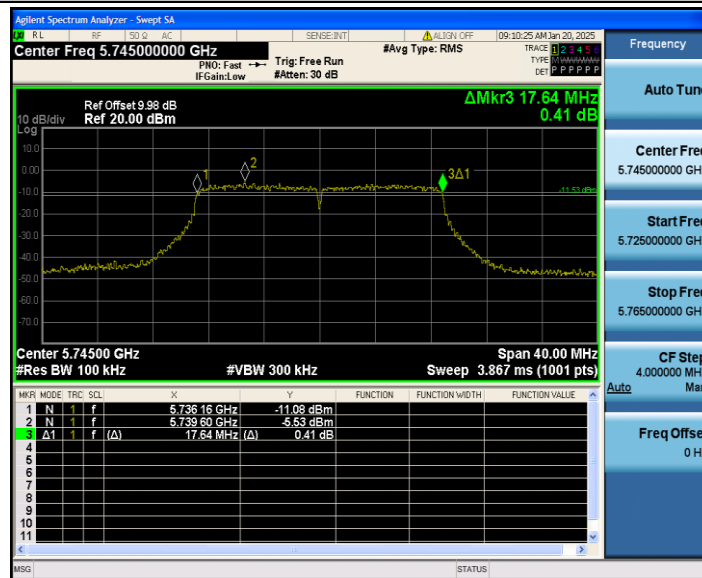
11N40MIMO\_Ant1\_5795



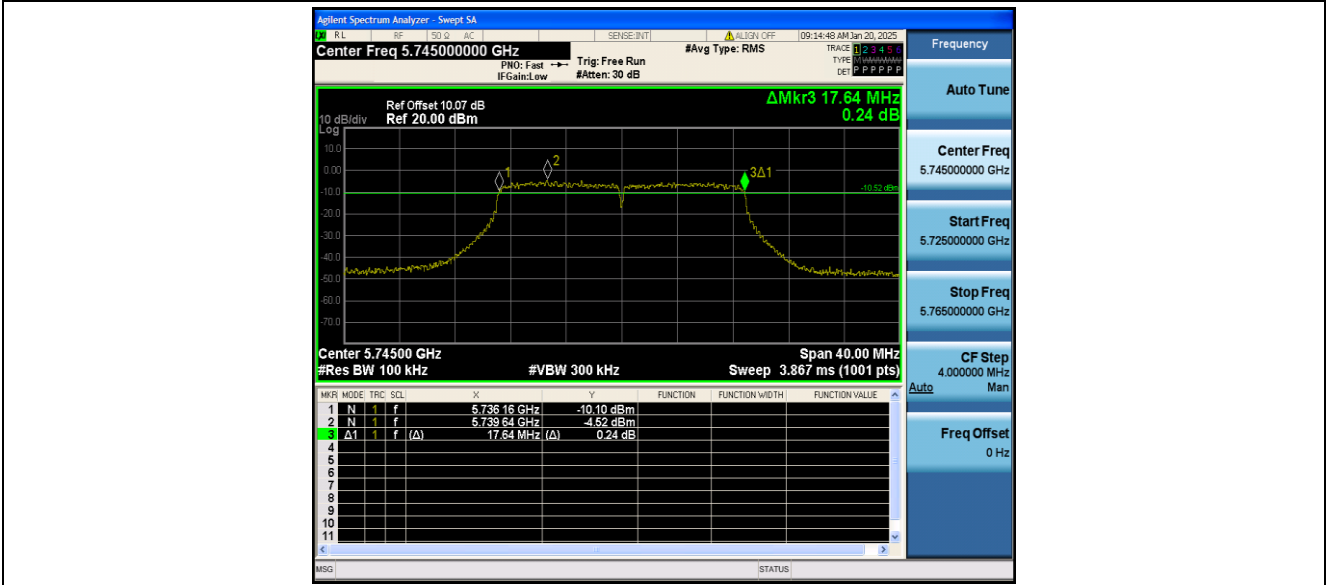
### 11N40MIMO\_Ant2\_5795



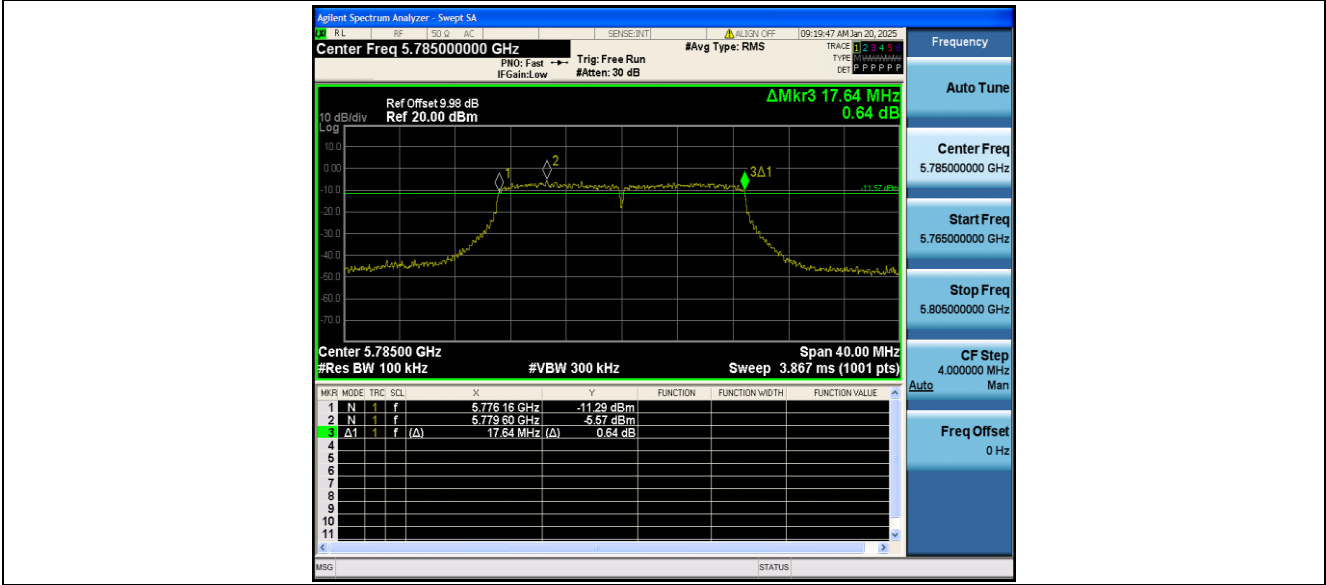
### 11AC20MIMO\_Ant1\_5745



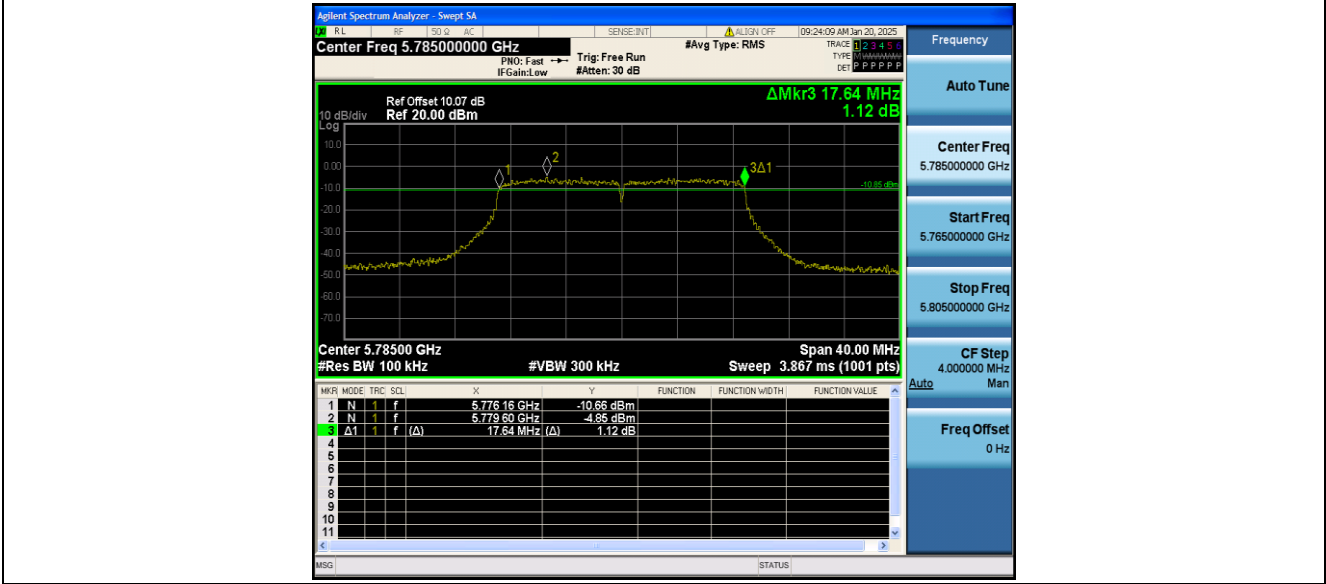
### 11AC20MIMO\_Ant2\_5745



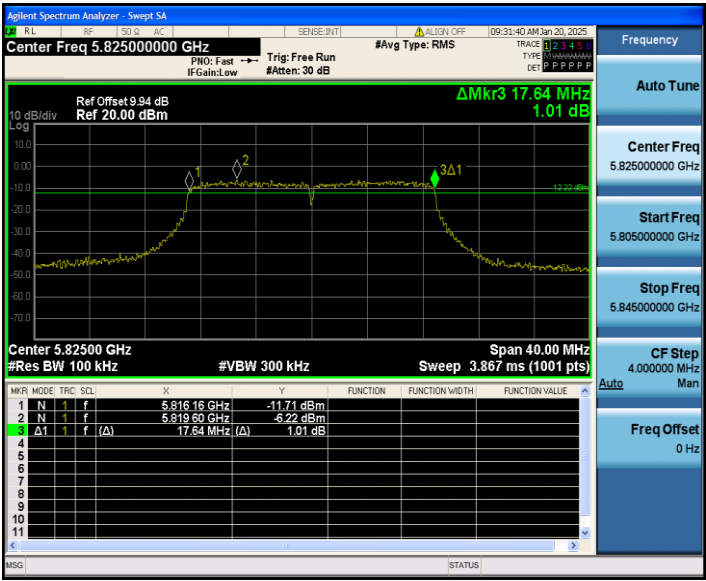
11AC20MIMO\_Ant1\_5785



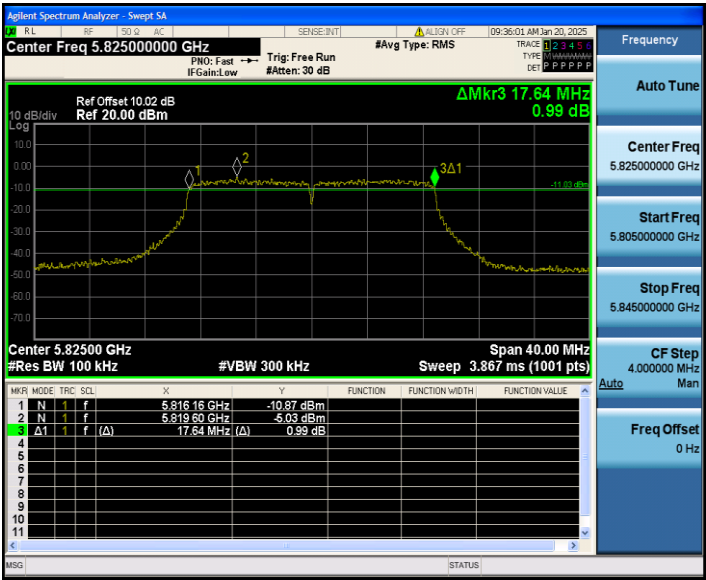
11AC20MIMO\_Ant2\_5785



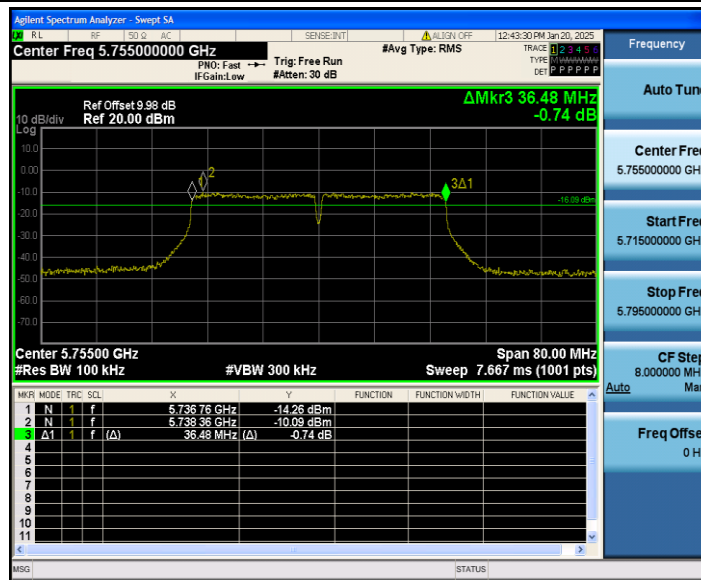
### 11AC20MIMO\_Ant1\_5825



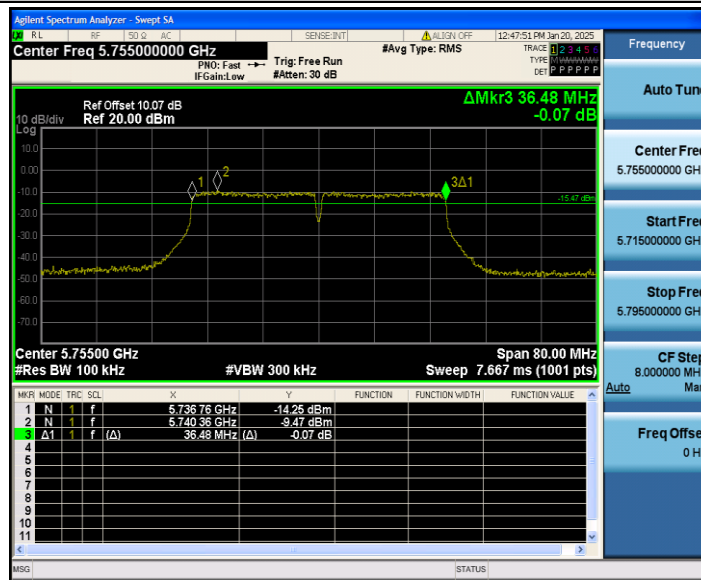
### 11AC20MIMO\_Ant2\_5825



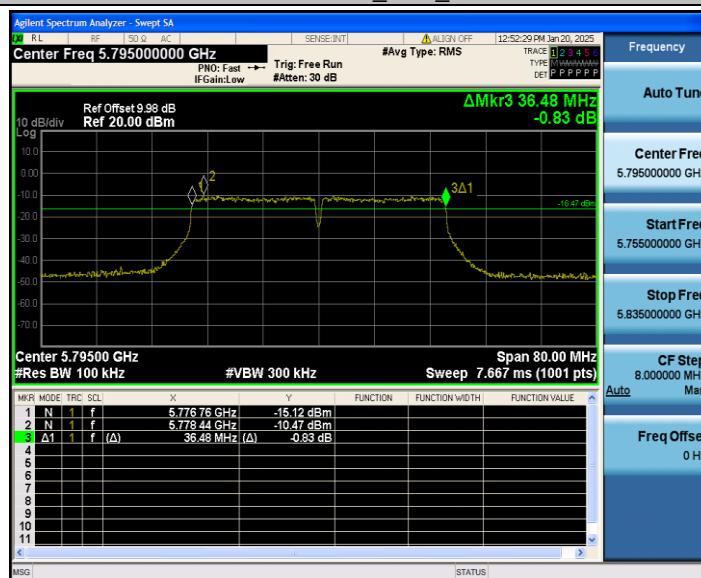
### 11AC40MIMO\_Ant1\_5755



11AC40MIMO\_Ant2\_5755



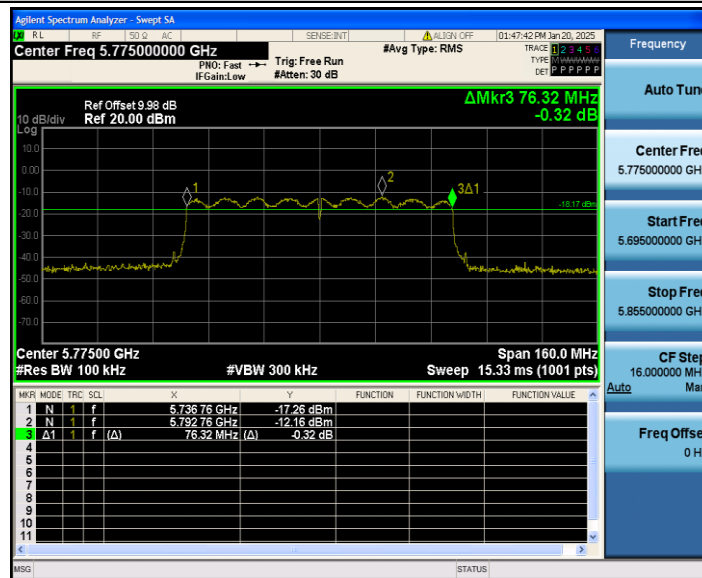
11AC40MIMO\_Ant1\_5795



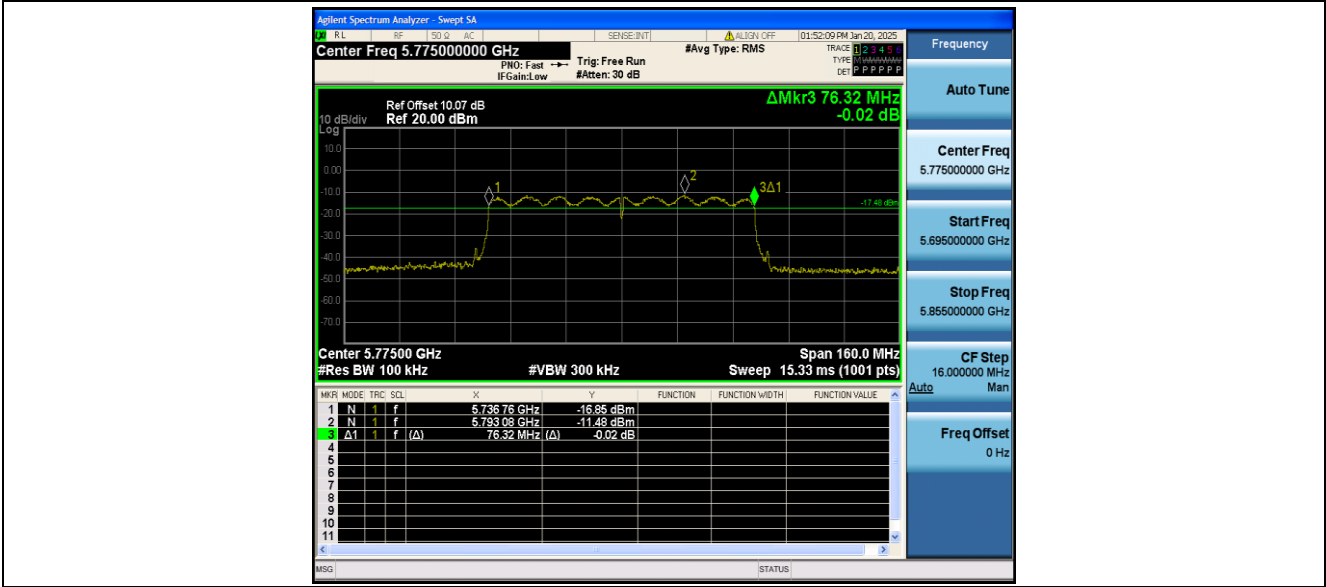
### 11AC40MIMO\_Ant2\_5795



### 11AC80MIMO\_Ant1\_5775



### 11AC80MIMO\_Ant2\_5775



## 11.4 Appendix B: Maximum conducted output power

### 11.4.1 Test Result

| Test Mode | Antenna | Channel | Level [dBm] | 10Log(1/X) Factor [dB] | Power [dBm] | Limit [dBm] | Verdict |
|-----------|---------|---------|-------------|------------------------|-------------|-------------|---------|
| 11A       | Ant1    | 5180    | 13.14       | 0.00                   | 13.14       | ≤23.94      | PASS    |
|           | Ant2    | 5180    | 13.58       | 0.00                   | 13.58       | ≤23.98      | PASS    |
|           | Ant1    | 5220    | 12.18       | 0.00                   | 12.18       | ≤23.98      | PASS    |
|           | Ant2    | 5220    | 12.87       | 0.00                   | 12.87       | ≤23.98      | PASS    |
|           | Ant1    | 5240    | 11.76       | 0.00                   | 11.76       | ≤23.98      | PASS    |
|           | Ant2    | 5240    | 12.64       | 0.00                   | 12.64       | ≤23.98      | PASS    |
|           | Ant1    | 5260    | 11.49       | 0.00                   | 11.49       | ≤23.98      | PASS    |
|           | Ant2    | 5260    | 12.54       | 0.00                   | 12.54       | ≤23.98      | PASS    |
|           | Ant1    | 5300    | 14.28       | 0.00                   | 14.28       | ≤23.98      | PASS    |
|           | Ant2    | 5300    | 12.05       | 0.00                   | 12.05       | ≤23.98      | PASS    |
|           | Ant1    | 5320    | 14.08       | 0.00                   | 14.08       | ≤23.98      | PASS    |
|           | Ant2    | 5320    | 11.68       | 0.00                   | 11.68       | ≤23.98      | PASS    |
|           | Ant1    | 5500    | 12.16       | 0.00                   | 12.16       | ≤23.98      | PASS    |
|           | Ant2    | 5500    | 11.64       | 0.00                   | 11.64       | ≤23.98      | PASS    |
|           | Ant1    | 5580    | 12.62       | 0.00                   | 12.62       | ≤23.98      | PASS    |
|           | Ant2    | 5580    | 12.54       | 0.00                   | 12.54       | ≤23.98      | PASS    |
|           | Ant1    | 5700    | 11.06       | 0.00                   | 11.06       | ≤23.98      | PASS    |
|           | Ant2    | 5700    | 11.55       | 0.00                   | 11.55       | ≤23.98      | PASS    |
|           | Ant1    | 5745    | 12.86       | 0.00                   | 12.86       | ≤30.00      | PASS    |
|           | Ant2    | 5745    | 10.37       | 0.00                   | 10.37       | ≤30.00      | PASS    |
|           | Ant1    | 5785    | 12.59       | 0.00                   | 12.59       | ≤30.00      | PASS    |
|           | Ant2    | 5785    | 10.20       | 0.00                   | 10.20       | ≤30.00      | PASS    |
|           | Ant1    | 5825    | 12.47       | 0.00                   | 12.47       | ≤30.00      | PASS    |
|           | Ant2    | 5825    | 10.47       | 0.00                   | 10.47       | ≤30.00      | PASS    |
| 11N20MIMO | Ant1    | 5180    | 11.27       | 0.00                   | 11.27       | ≤23.98      | PASS    |
|           | Ant2    | 5180    | 10.78       | 0.00                   | 10.78       | ≤23.98      | PASS    |
|           | total   | 5180    | ---         | ---                    | 14.04       | ≤22.94      | PASS    |
|           | Ant1    | 5220    | 10.71       | 0.00                   | 10.71       | ≤23.98      | PASS    |
|           | Ant2    | 5220    | 10.24       | 0.00                   | 10.24       | ≤23.98      | PASS    |
|           | total   | 5220    | ---         | ---                    | 13.49       | ≤22.94      | PASS    |
|           | Ant1    | 5240    | 10.11       | 0.00                   | 10.11       | ≤23.98      | PASS    |
|           | Ant2    | 5240    | 9.96        | 0.00                   | 9.96        | ≤23.98      | PASS    |
|           | total   | 5240    | ---         | ---                    | 13.05       | ≤22.94      | PASS    |
|           | Ant1    | 5260    | 9.91        | 0.00                   | 9.91        | ≤23.98      | PASS    |
|           | Ant2    | 5260    | 10.10       | 0.00                   | 10.10       | ≤23.98      | PASS    |
|           | total   | 5260    | ---         | ---                    | 13.02       | ≤22.94      | PASS    |
|           | Ant1    | 5300    | 9.05        | 0.00                   | 9.05        | ≤23.98      | PASS    |
|           | Ant2    | 5300    | 9.41        | 0.00                   | 9.41        | ≤23.98      | PASS    |
|           | total   | 5300    | ---         | ---                    | 12.24       | ≤22.94      | PASS    |
|           | Ant1    | 5320    | 9.03        | 0.00                   | 9.03        | ≤23.98      | PASS    |
|           | Ant2    | 5320    | 9.05        | 0.00                   | 9.05        | ≤23.98      | PASS    |
|           | total   | 5320    | ---         | ---                    | 12.05       | ≤22.94      | PASS    |
|           | Ant1    | 5500    | 9.87        | 0.00                   | 9.87        | ≤23.98      | PASS    |
|           | Ant2    | 5500    | 9.29        | 0.00                   | 9.29        | ≤23.98      | PASS    |

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|            |       |      |       |      |       |        |      |
|------------|-------|------|-------|------|-------|--------|------|
|            | total | 5500 | ---   | ---  | 12.60 | ≤22.94 | PASS |
|            | Ant1  | 5580 | 11.04 | 0.00 | 11.04 | ≤23.98 | PASS |
|            | Ant2  | 5580 | 10.49 | 0.00 | 10.49 | ≤23.98 | PASS |
|            | total | 5580 | ---   | ---  | 13.78 | ≤22.94 | PASS |
|            | Ant1  | 5700 | 9.82  | 0.00 | 9.82  | ≤23.98 | PASS |
|            | Ant2  | 5700 | 10.05 | 0.00 | 10.05 | ≤23.98 | PASS |
|            | total | 5700 | ---   | ---  | 12.95 | ≤22.94 | PASS |
|            | Ant1  | 5745 | 8.14  | 0.00 | 8.14  | ≤30.00 | PASS |
|            | Ant2  | 5745 | 8.48  | 0.00 | 8.48  | ≤30.00 | PASS |
|            | total | 5745 | ---   | ---  | 11.32 | ≤28.96 | PASS |
|            | Ant1  | 5785 | 7.53  | 0.00 | 7.53  | ≤30.00 | PASS |
|            | Ant2  | 5785 | 7.62  | 0.00 | 7.62  | ≤30.00 | PASS |
|            | total | 5785 | ---   | ---  | 10.59 | ≤28.96 | PASS |
|            | Ant1  | 5825 | 7.71  | 0.00 | 7.71  | ≤30.00 | PASS |
|            | Ant2  | 5825 | 7.87  | 0.00 | 7.87  | ≤30.00 | PASS |
|            | total | 5825 | ---   | ---  | 10.80 | ≤28.96 | PASS |
| 11N40MIMO  | Ant1  | 5190 | 12.23 | 0.00 | 12.23 | ≤23.98 | PASS |
|            | Ant2  | 5190 | 12.13 | 0.00 | 12.13 | ≤23.98 | PASS |
|            | total | 5190 | ---   | ---  | 15.19 | ≤22.94 | PASS |
|            | Ant1  | 5230 | 11.83 | 0.00 | 11.83 | ≤23.98 | PASS |
|            | Ant2  | 5230 | 12.00 | 0.00 | 12.00 | ≤23.98 | PASS |
|            | total | 5230 | ---   | ---  | 14.93 | ≤22.94 | PASS |
|            | Ant1  | 5270 | 11.54 | 0.00 | 11.54 | ≤23.98 | PASS |
|            | Ant2  | 5270 | 11.61 | 0.00 | 11.61 | ≤23.98 | PASS |
|            | total | 5270 | ---   | ---  | 14.59 | ≤22.94 | PASS |
|            | Ant1  | 5310 | 10.97 | 0.00 | 10.97 | ≤23.98 | PASS |
|            | Ant2  | 5310 | 11.15 | 0.00 | 11.15 | ≤23.98 | PASS |
|            | total | 5310 | ---   | ---  | 14.07 | ≤22.94 | PASS |
|            | Ant1  | 5510 | 12.00 | 0.00 | 12.00 | ≤23.98 | PASS |
|            | Ant2  | 5510 | 11.45 | 0.00 | 11.45 | ≤23.98 | PASS |
|            | total | 5510 | ---   | ---  | 14.74 | ≤22.94 | PASS |
|            | Ant1  | 5590 | 11.77 | 0.00 | 11.77 | ≤23.98 | PASS |
|            | Ant2  | 5590 | 11.11 | 0.00 | 11.11 | ≤23.98 | PASS |
|            | total | 5590 | ---   | ---  | 14.46 | ≤22.94 | PASS |
|            | Ant1  | 5670 | 11.06 | 0.00 | 11.06 | ≤23.98 | PASS |
|            | Ant2  | 5670 | 10.61 | 0.00 | 10.61 | ≤23.98 | PASS |
|            | total | 5670 | ---   | ---  | 13.85 | ≤22.94 | PASS |
|            | Ant1  | 5755 | 10.56 | 0.00 | 10.56 | ≤30.00 | PASS |
|            | Ant2  | 5755 | 11.31 | 0.00 | 11.31 | ≤30.00 | PASS |
|            | total | 5755 | ---   | ---  | 13.96 | ≤28.96 | PASS |
|            | Ant1  | 5795 | 10.19 | 0.00 | 10.19 | ≤30.00 | PASS |
|            | Ant2  | 5795 | 11.46 | 0.00 | 11.46 | ≤30.00 | PASS |
|            | total | 5795 | ---   | ---  | 13.88 | ≤28.96 | PASS |
| 11AC20MIMO | Ant1  | 5180 | 12.15 | 0.00 | 12.15 | ≤23.98 | PASS |
|            | Ant2  | 5180 | 11.79 | 0.00 | 11.79 | ≤23.98 | PASS |
|            | total | 5180 | ---   | ---  | 14.98 | ≤22.94 | PASS |
|            | Ant1  | 5220 | 11.04 | 0.00 | 11.04 | ≤23.98 | PASS |
|            | Ant2  | 5220 | 11.62 | 0.00 | 11.62 | ≤23.98 | PASS |
|            | total | 5220 | ---   | ---  | 14.35 | ≤22.94 | PASS |



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|            |       |      |       |      |       |        |      |
|------------|-------|------|-------|------|-------|--------|------|
|            | Ant1  | 5240 | 10.68 | 0.00 | 10.68 | ≤23.98 | PASS |
|            | Ant2  | 5240 | 11.26 | 0.00 | 11.26 | ≤23.98 | PASS |
|            | total | 5240 | ---   | ---  | 13.99 | ≤22.94 | PASS |
|            | Ant1  | 5260 | 10.29 | 0.00 | 10.29 | ≤23.98 | PASS |
|            | Ant2  | 5260 | 11.20 | 0.00 | 11.20 | ≤23.98 | PASS |
|            | total | 5260 | ---   | ---  | 13.78 | ≤22.94 | PASS |
|            | Ant1  | 5300 | 9.86  | 0.00 | 9.86  | ≤23.98 | PASS |
|            | Ant2  | 5300 | 10.83 | 0.00 | 10.83 | ≤23.98 | PASS |
|            | total | 5300 | ---   | ---  | 13.38 | ≤22.94 | PASS |
|            | Ant1  | 5320 | 9.89  | 0.00 | 9.89  | ≤23.98 | PASS |
|            | Ant2  | 5320 | 10.89 | 0.00 | 10.89 | ≤23.98 | PASS |
|            | total | 5320 | ---   | ---  | 13.43 | ≤22.94 | PASS |
|            | Ant1  | 5500 | 10.61 | 0.00 | 10.61 | ≤23.98 | PASS |
|            | Ant2  | 5500 | 11.24 | 0.00 | 11.24 | ≤23.98 | PASS |
|            | total | 5500 | ---   | ---  | 13.95 | ≤22.94 | PASS |
|            | Ant1  | 5580 | 11.41 | 0.00 | 11.41 | ≤23.98 | PASS |
|            | Ant2  | 5580 | 11.67 | 0.00 | 11.67 | ≤23.98 | PASS |
|            | total | 5580 | ---   | ---  | 14.55 | ≤22.94 | PASS |
|            | Ant1  | 5700 | 9.47  | 0.00 | 9.47  | ≤23.98 | PASS |
|            | Ant2  | 5700 | 10.46 | 0.00 | 10.46 | ≤23.98 | PASS |
|            | total | 5700 | ---   | ---  | 13.00 | ≤22.94 | PASS |
|            | Ant1  | 5745 | 7.80  | 0.00 | 7.80  | ≤30.00 | PASS |
|            | Ant2  | 5745 | 9.12  | 0.00 | 9.12  | ≤30.00 | PASS |
|            | total | 5745 | ---   | ---  | 11.52 | ≤28.96 | PASS |
|            | Ant1  | 5785 | 7.67  | 0.00 | 7.67  | ≤30.00 | PASS |
|            | Ant2  | 5785 | 8.83  | 0.00 | 8.83  | ≤30.00 | PASS |
|            | total | 5785 | ---   | ---  | 11.30 | ≤28.96 | PASS |
|            | Ant1  | 5825 | 7.31  | 0.00 | 7.31  | ≤30.00 | PASS |
|            | Ant2  | 5825 | 8.47  | 0.00 | 8.47  | ≤30.00 | PASS |
|            | total | 5825 | ---   | ---  | 10.94 | ≤28.96 | PASS |
| 11AC40MIMO | Ant1  | 5190 | 11.10 | 0.00 | 11.10 | ≤23.98 | PASS |
|            | Ant2  | 5190 | 11.76 | 0.00 | 11.76 | ≤23.98 | PASS |
|            | total | 5190 | ---   | ---  | 14.45 | ≤22.94 | PASS |
|            | Ant1  | 5230 | 10.61 | 0.00 | 10.61 | ≤23.98 | PASS |
|            | Ant2  | 5230 | 11.34 | 0.00 | 11.34 | ≤23.98 | PASS |
|            | total | 5230 | ---   | ---  | 14.00 | ≤22.94 | PASS |
|            | Ant1  | 5270 | 10.75 | 0.00 | 10.75 | ≤23.98 | PASS |
|            | Ant2  | 5270 | 11.11 | 0.00 | 11.11 | ≤23.98 | PASS |
|            | total | 5270 | ---   | ---  | 13.94 | ≤22.94 | PASS |
|            | Ant1  | 5310 | 9.74  | 0.00 | 9.74  | ≤23.98 | PASS |
|            | Ant2  | 5310 | 10.78 | 0.00 | 10.78 | ≤23.98 | PASS |
|            | total | 5310 | ---   | ---  | 13.30 | ≤22.94 | PASS |
|            | Ant1  | 5510 | 10.68 | 0.00 | 10.68 | ≤23.98 | PASS |
|            | Ant2  | 5510 | 11.43 | 0.00 | 11.43 | ≤23.98 | PASS |
|            | total | 5510 | ---   | ---  | 14.08 | ≤22.94 | PASS |
|            | Ant1  | 5590 | 11.09 | 0.00 | 11.09 | ≤23.98 | PASS |
|            | Ant2  | 5590 | 11.24 | 0.00 | 11.24 | ≤23.98 | PASS |
|            | total | 5590 | ---   | ---  | 14.18 | ≤22.94 | PASS |
|            | Ant1  | 5670 | 9.84  | 0.00 | 9.84  | ≤23.98 | PASS |

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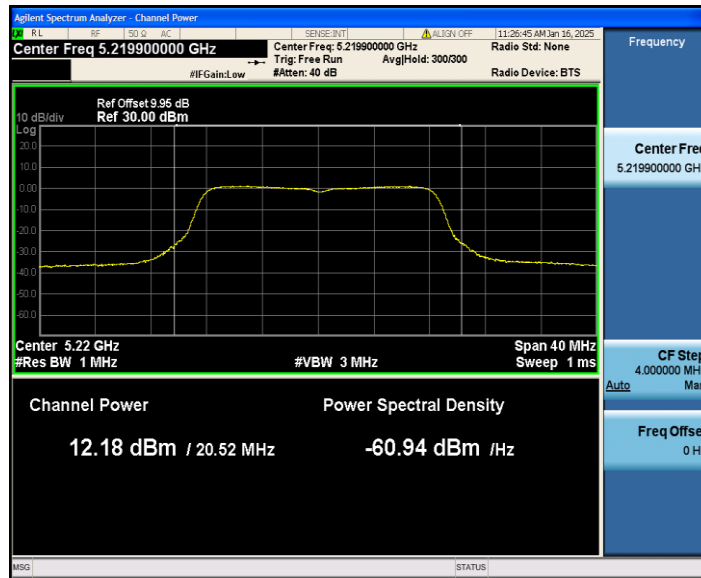
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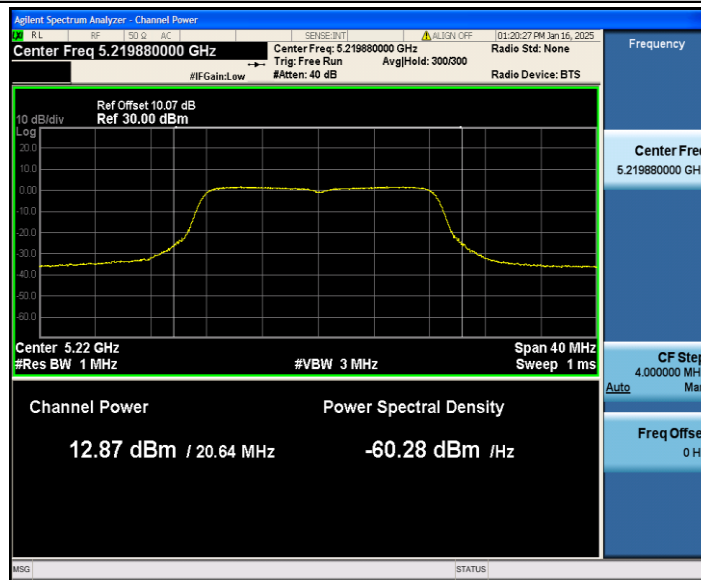
|            |       |      |       |      |       |        |      |
|------------|-------|------|-------|------|-------|--------|------|
|            | Ant2  | 5670 | 10.37 | 0.00 | 10.37 | ≤23.98 | PASS |
|            | total | 5670 | ---   | ---  | 13.12 | ≤22.94 | PASS |
|            | Ant1  | 5755 | 7.32  | 0.00 | 7.32  | ≤30.00 | PASS |
|            | Ant2  | 5755 | 8.34  | 0.00 | 8.34  | ≤30.00 | PASS |
|            | total | 5755 | ---   | ---  | 10.87 | ≤28.96 | PASS |
|            | Ant1  | 5795 | 7.00  | 0.00 | 7.00  | ≤30.00 | PASS |
|            | Ant2  | 5795 | 8.13  | 0.00 | 8.13  | ≤30.00 | PASS |
|            | total | 5795 | ---   | ---  | 10.61 | ≤28.96 | PASS |
| 11AC80MIMO | Ant1  | 5210 | 10.02 | 0.00 | 10.02 | ≤23.98 | PASS |
|            | Ant2  | 5210 | 10.13 | 0.00 | 10.13 | ≤23.98 | PASS |
|            | total | 5210 | ---   | ---  | 13.09 | ≤22.94 | PASS |
|            | Ant1  | 5290 | 8.76  | 0.00 | 8.76  | ≤23.98 | PASS |
|            | Ant2  | 5290 | 9.71  | 0.00 | 9.71  | ≤23.98 | PASS |
|            | total | 5290 | ---   | ---  | 12.27 | ≤22.94 | PASS |
|            | Ant1  | 5530 | 10.32 | 0.00 | 10.32 | ≤23.98 | PASS |
|            | Ant2  | 5530 | 10.78 | 0.00 | 10.78 | ≤23.98 | PASS |
|            | total | 5530 | ---   | ---  | 13.57 | ≤22.94 | PASS |
|            | Ant1  | 5610 | 10.30 | 0.00 | 10.30 | ≤23.98 | PASS |
|            | Ant2  | 5610 | 10.57 | 0.00 | 10.57 | ≤23.98 | PASS |
|            | total | 5610 | ---   | ---  | 13.45 | ≤22.94 | PASS |
|            | Ant1  | 5775 | 7.84  | 0.00 | 7.84  | ≤30.00 | PASS |
|            | Ant2  | 5775 | 8.94  | 0.00 | 8.94  | ≤30.00 | PASS |
|            | total | 5775 | ---   | ---  | 11.44 | ≤28.96 | PASS |

### 11.4.2 Test Graphs





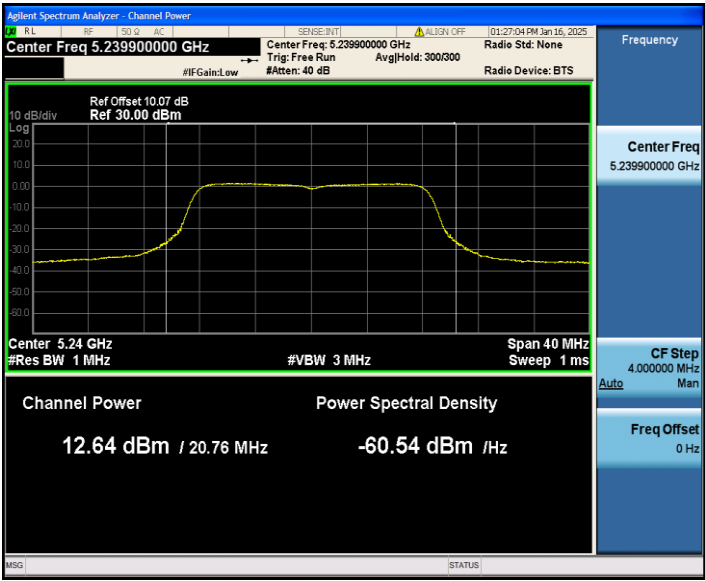
11A\_Ant2\_5220



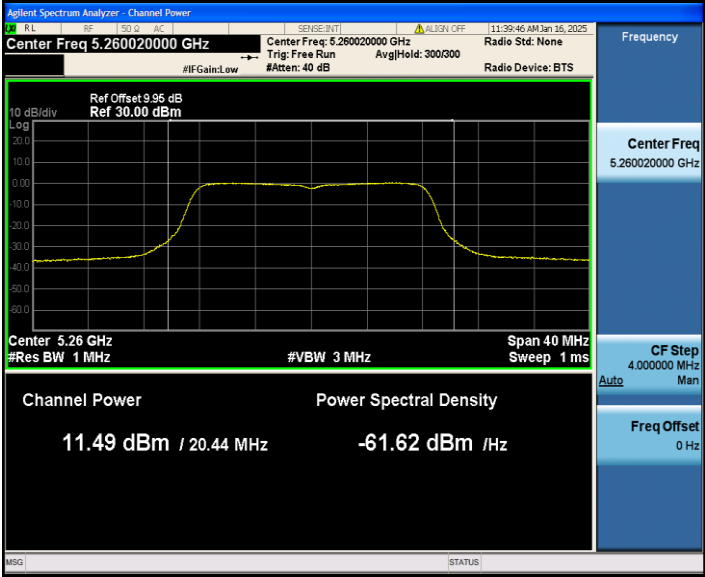
11A\_Ant1\_5240



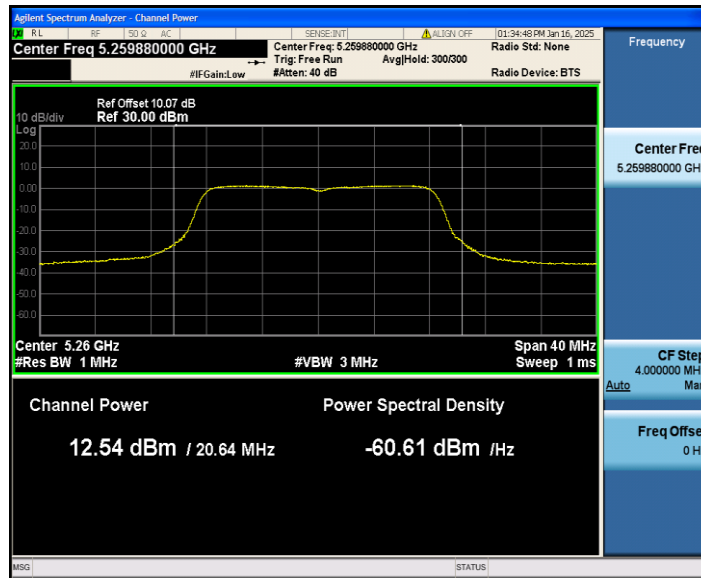
11A\_Ant2\_5240



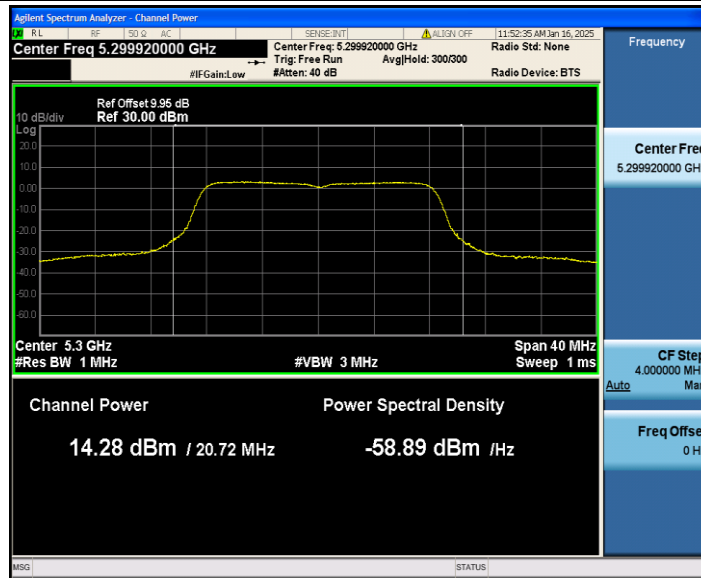
11A\_Ant1\_5260



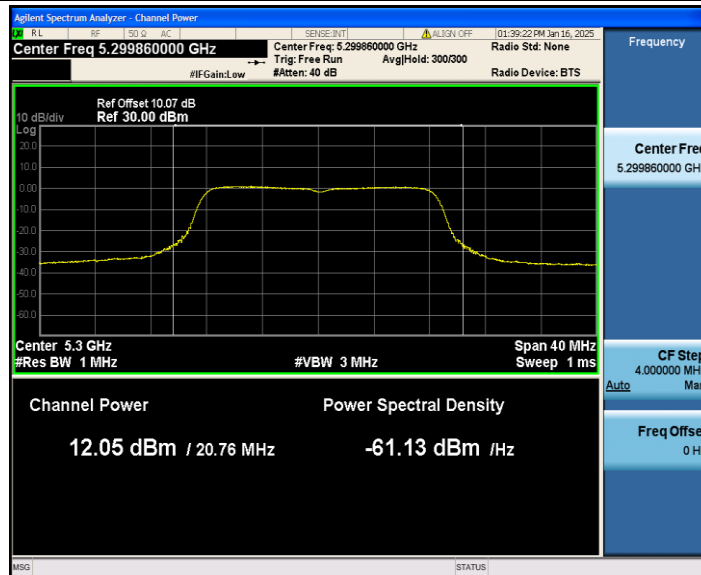
11A\_Ant2\_5260



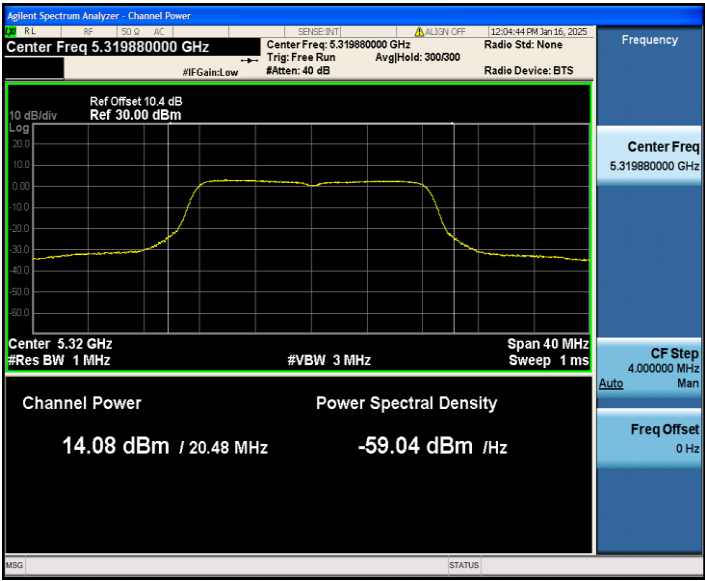
11A\_Ant1\_5300



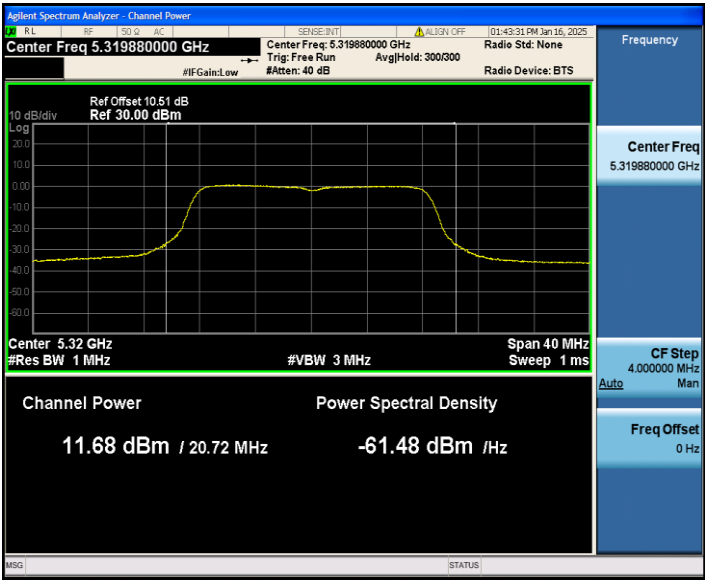
11A\_Ant2\_5300



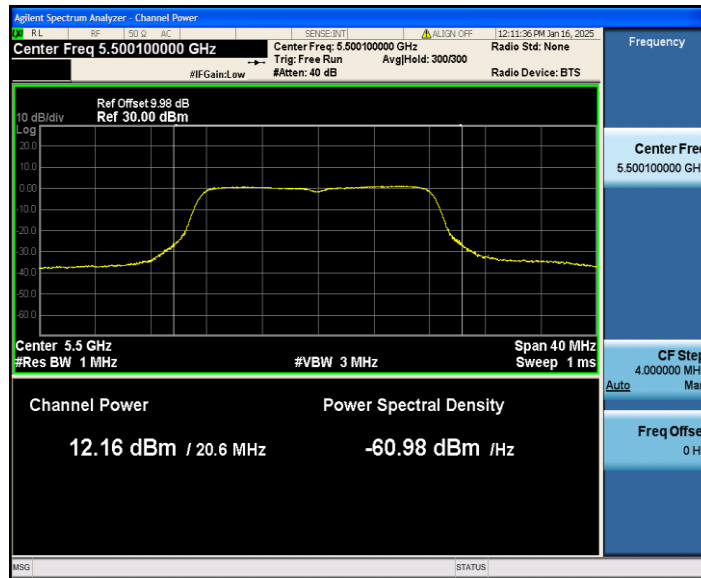
11A\_Ant1\_5320



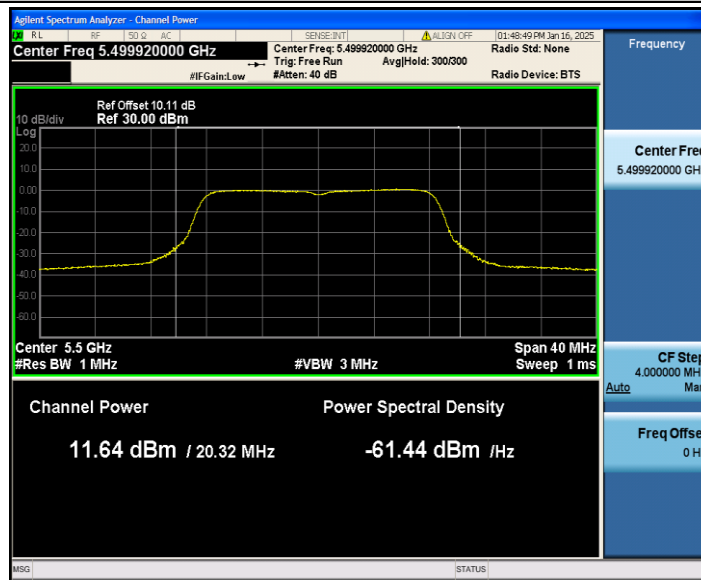
11A\_Ant2\_5320



11A\_Ant1\_5500



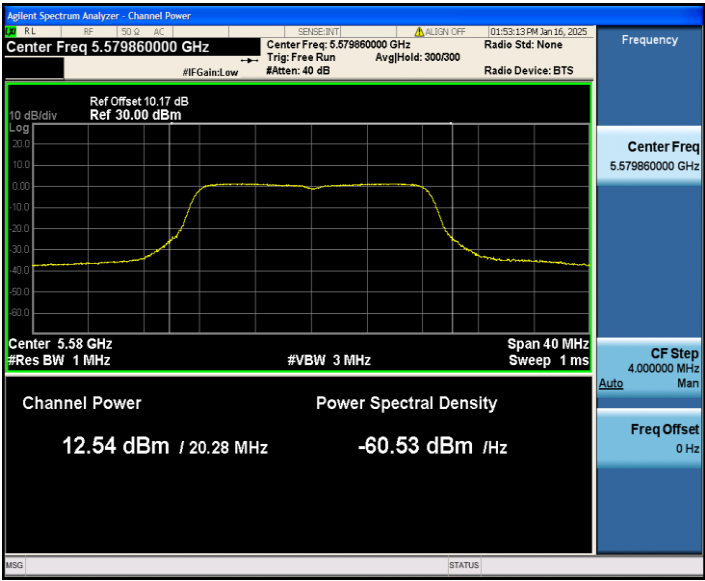
11A\_Ant2\_5500



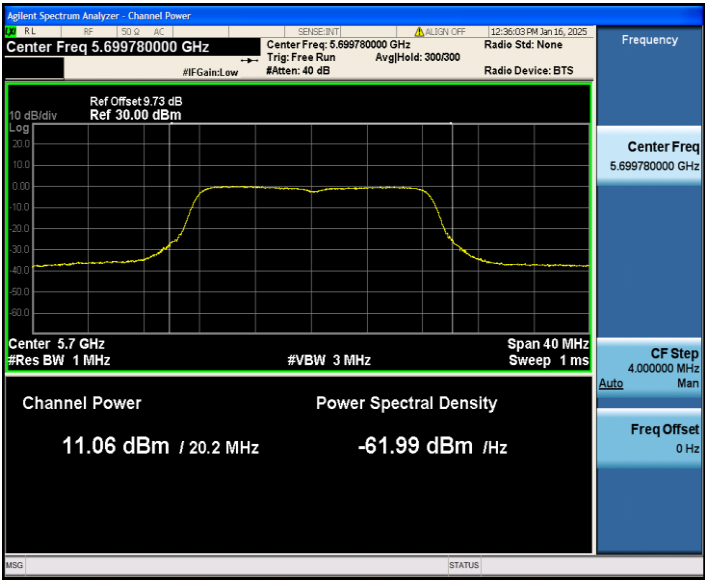
11A\_Ant1\_5580



### 11A\_Ant2\_5580



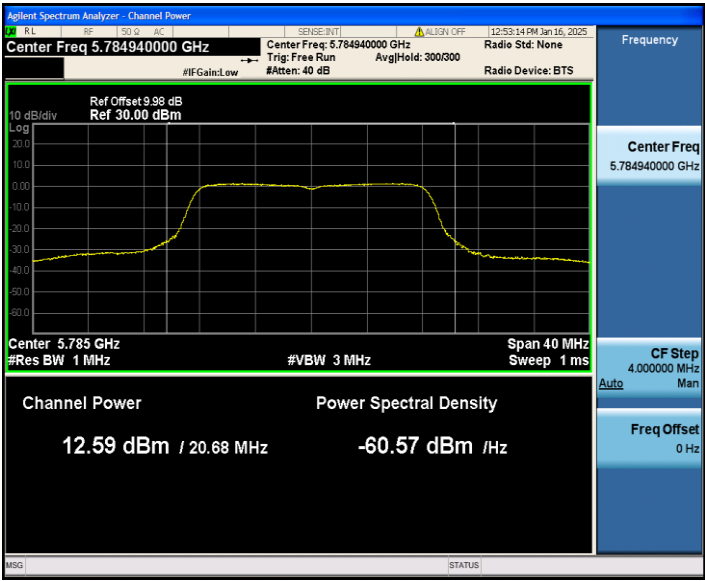
### 11A\_Ant1\_5700



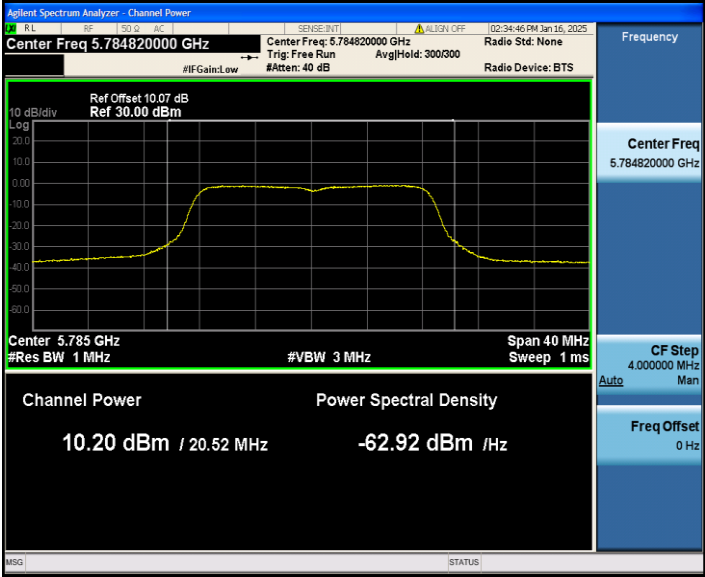
### 11A\_Ant2\_5700



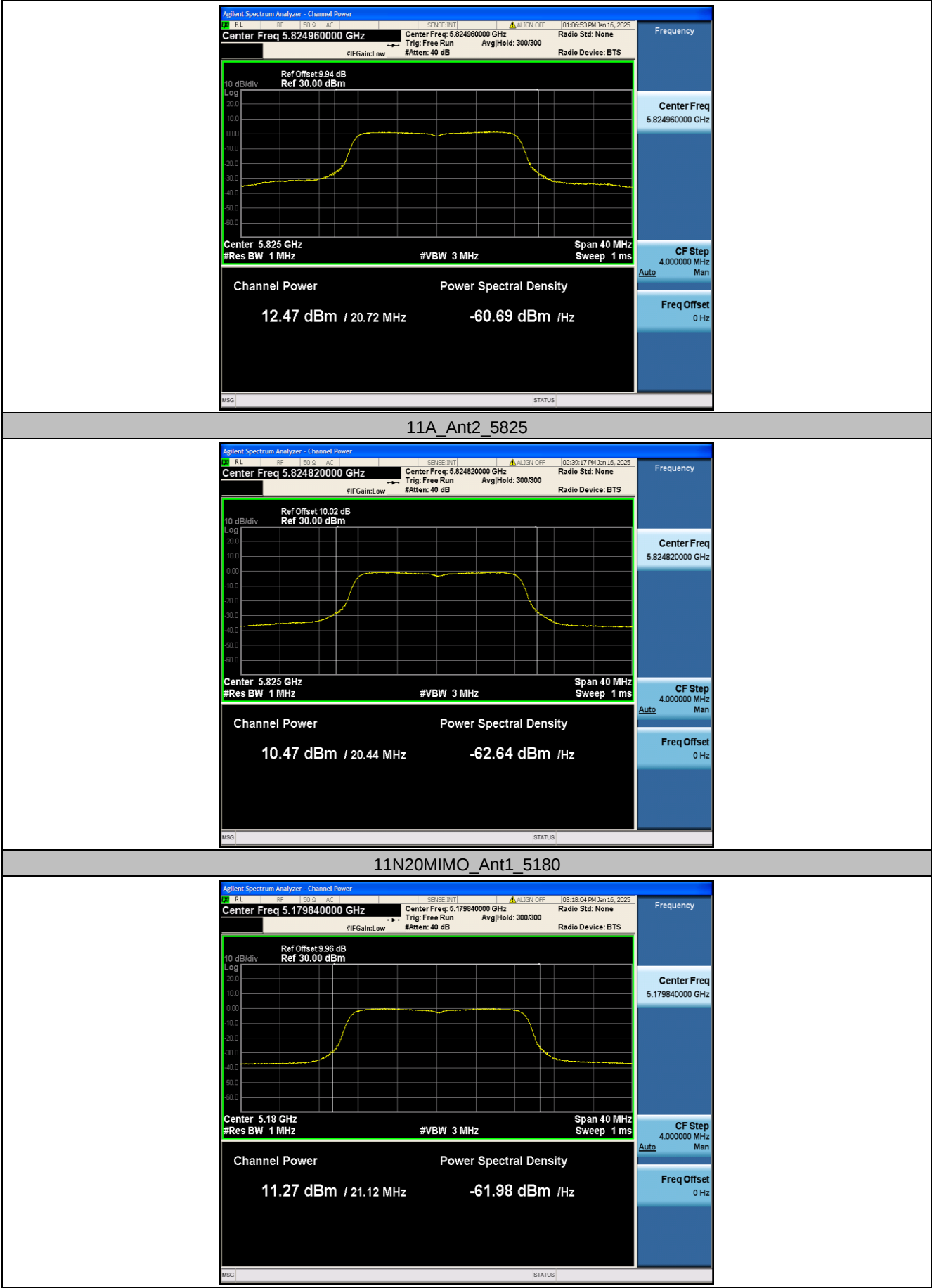
### 11A\_Ant1\_5785



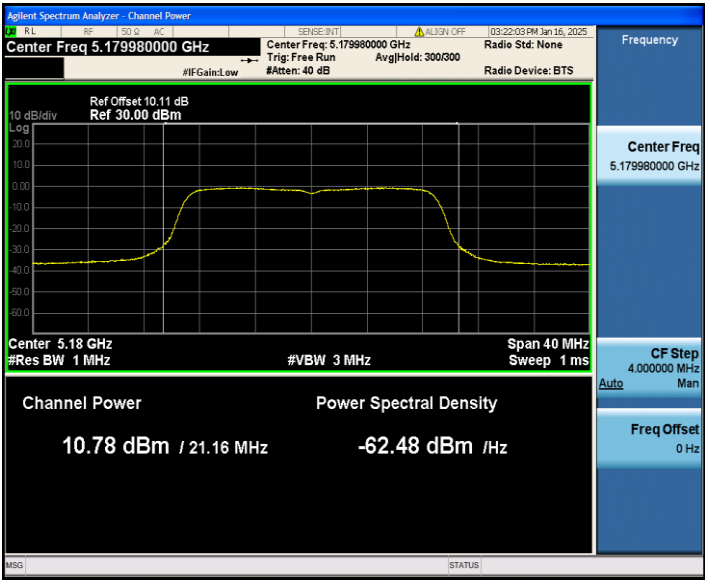
### 11A\_Ant2\_5785



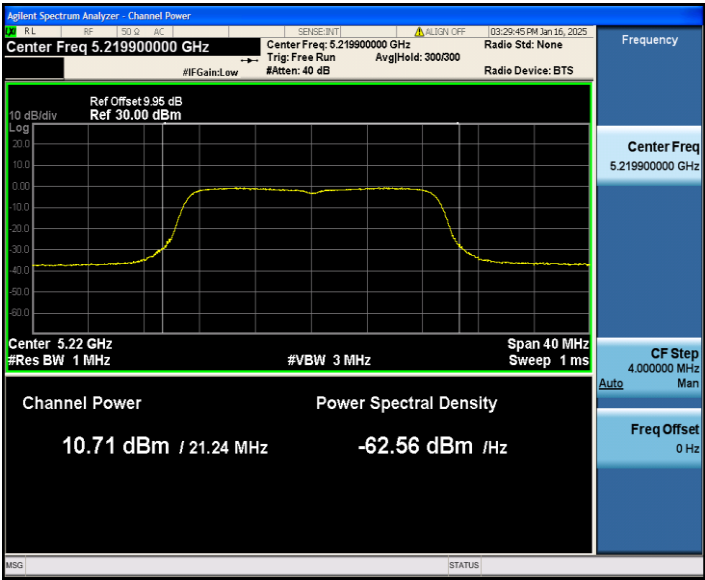
### 11A\_Ant1\_5825



### 11N20MIMO\_Ant2\_5180



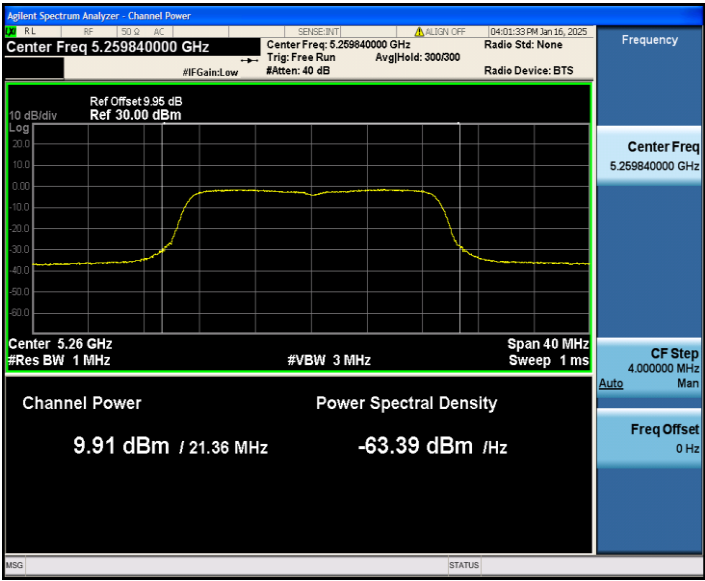
### 11N20MIMO\_Ant1\_5220



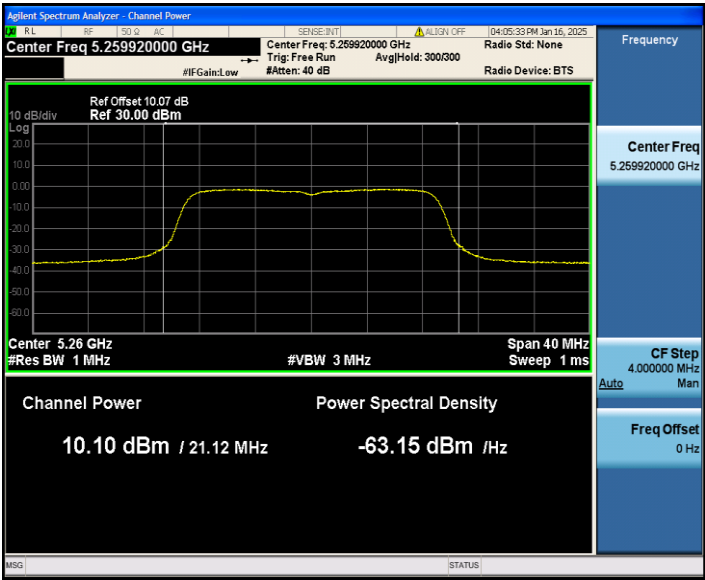
### 11N20MIMO\_Ant2\_5220



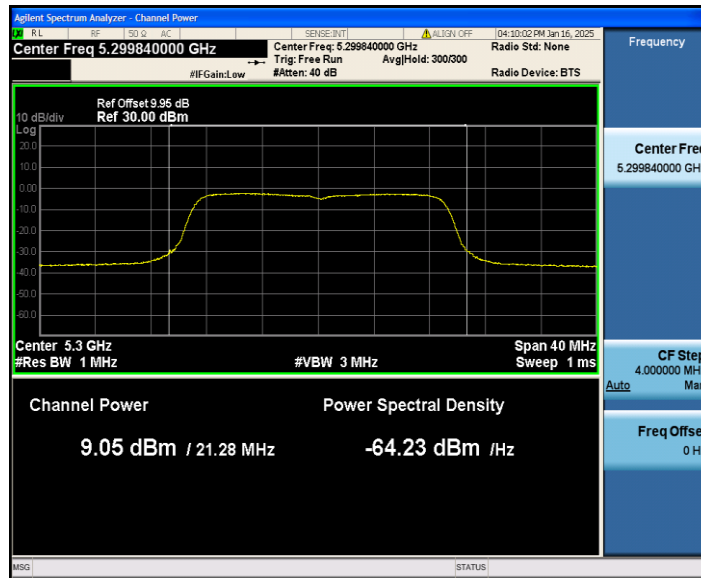
### 11N20MIMO\_Ant1\_5260



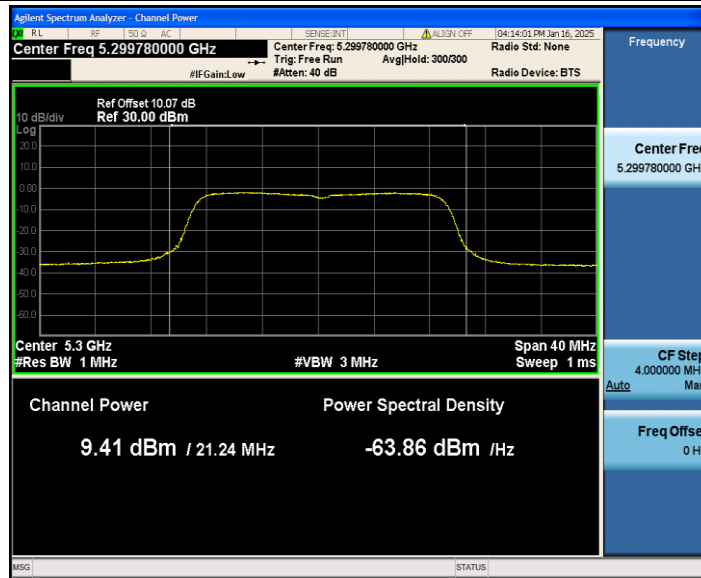
### 11N20MIMO\_Ant2\_5260



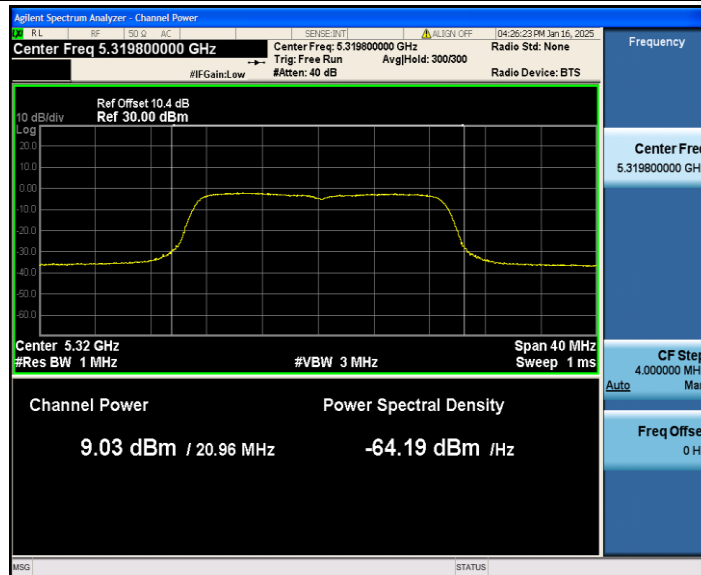
### 11N20MIMO\_Ant1\_5300



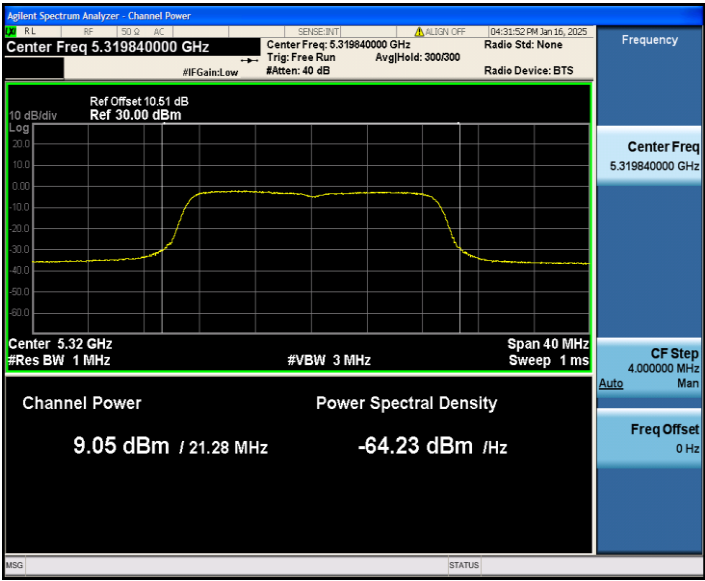
11N20MIMO\_Ant2\_5300



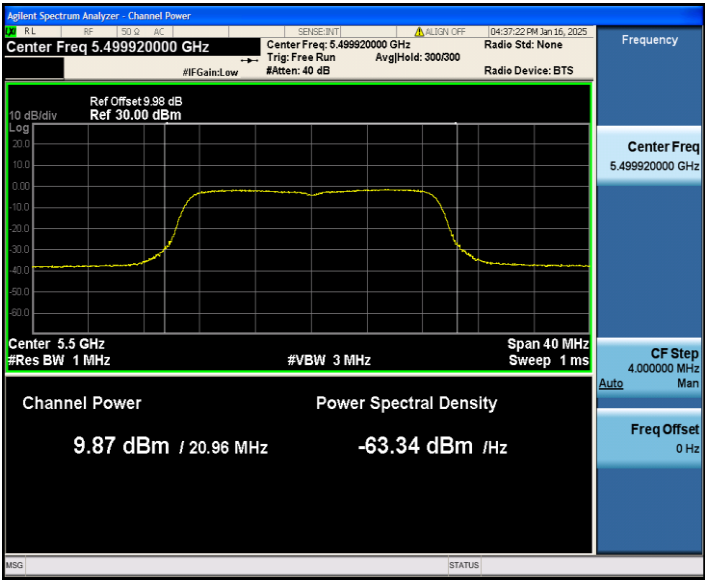
11N20MIMO\_Ant1\_5320



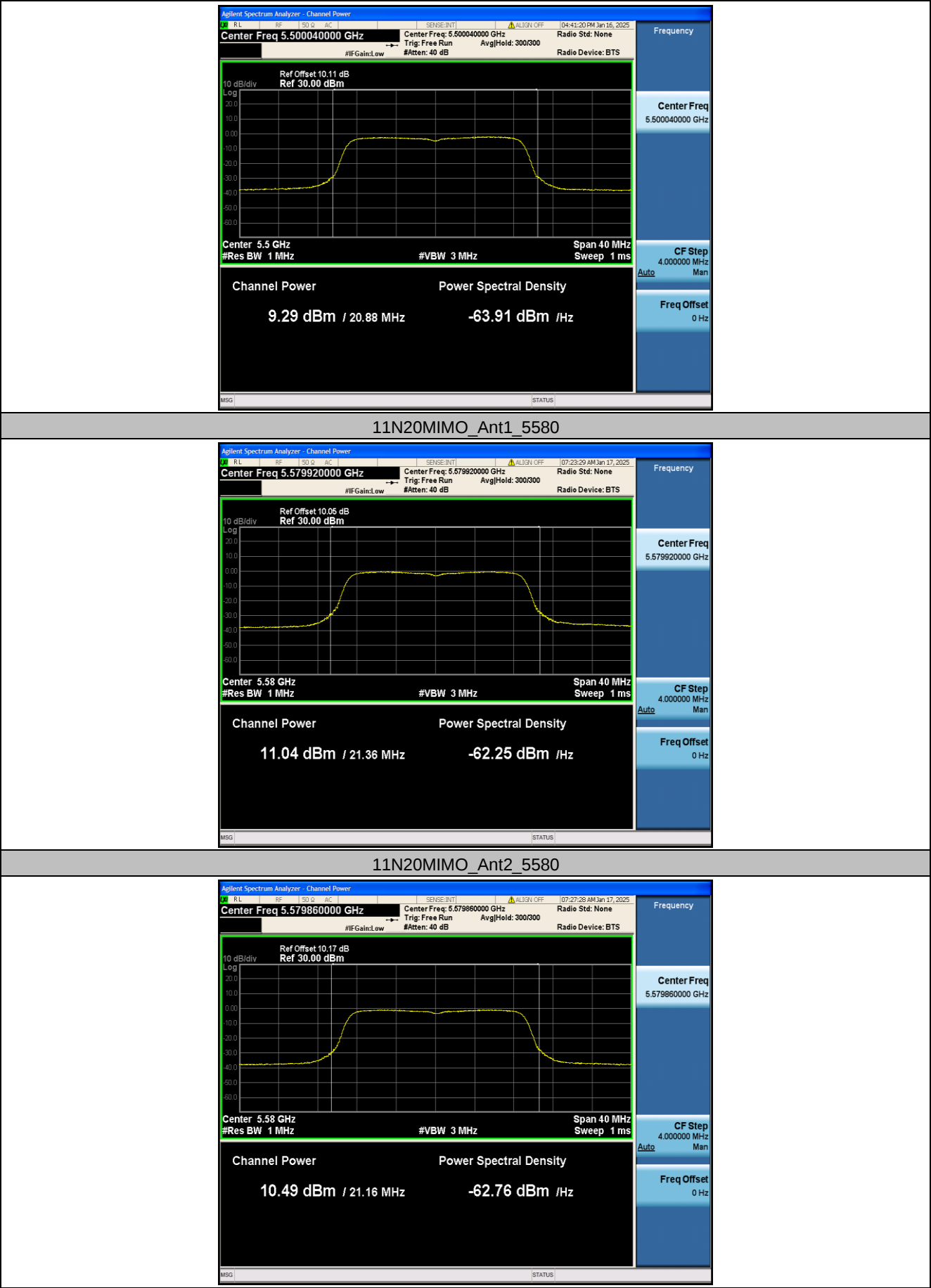
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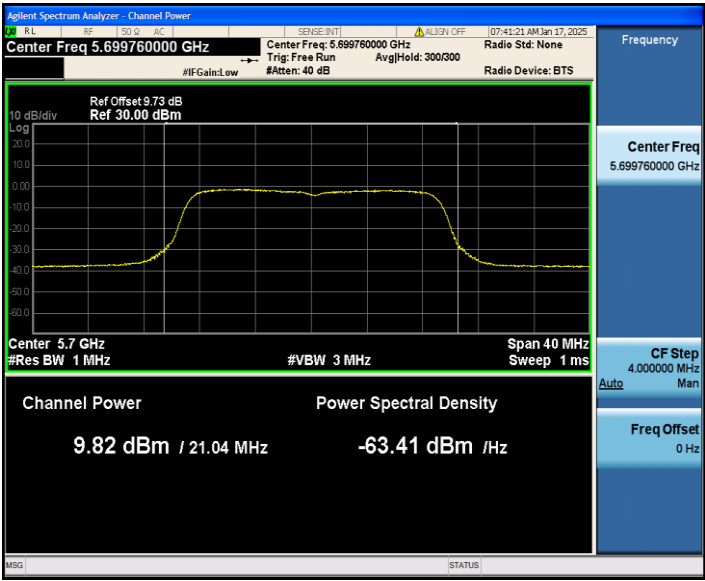
### 11N20MIMO\_Ant1\_5500



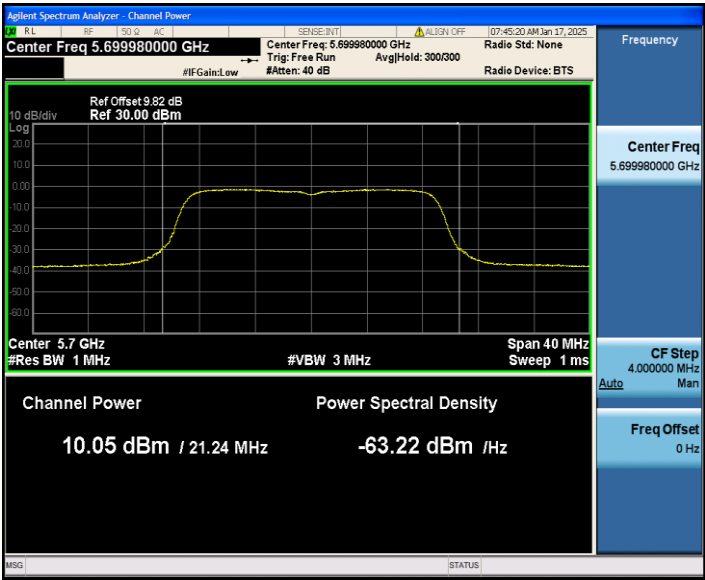
### 11N20MIMO\_Ant2\_5500



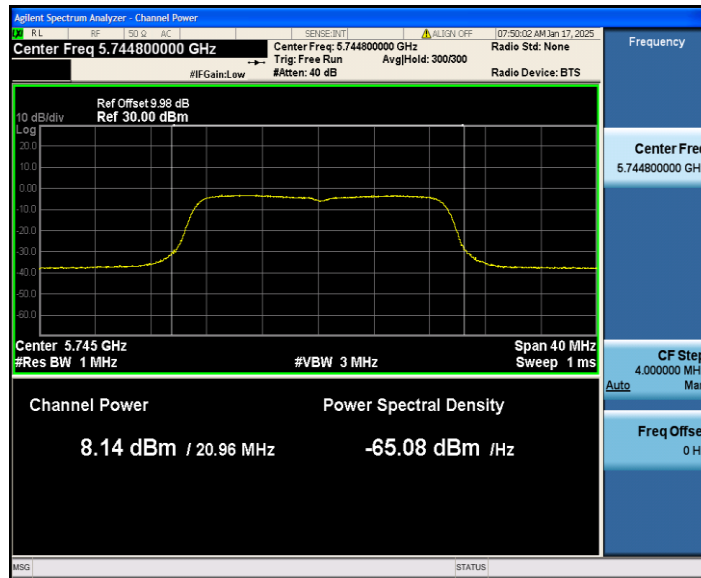
### 11N20MIMO\_Ant1\_5700



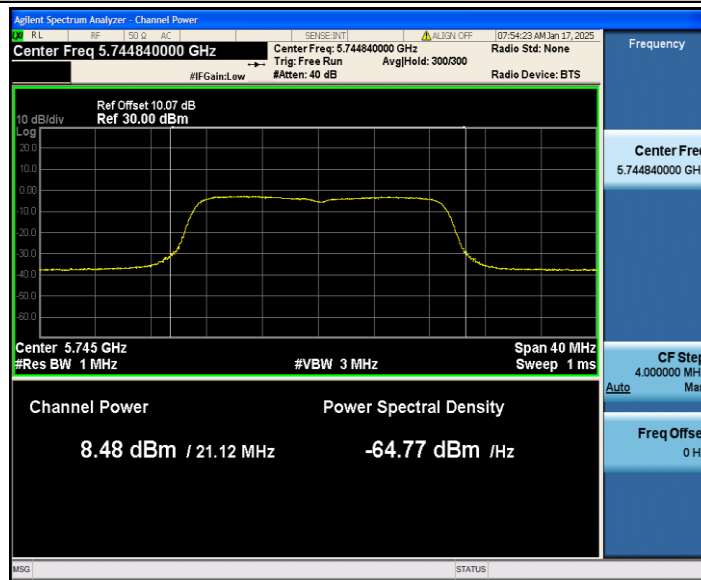
### 11N20MIMO\_Ant2\_5700



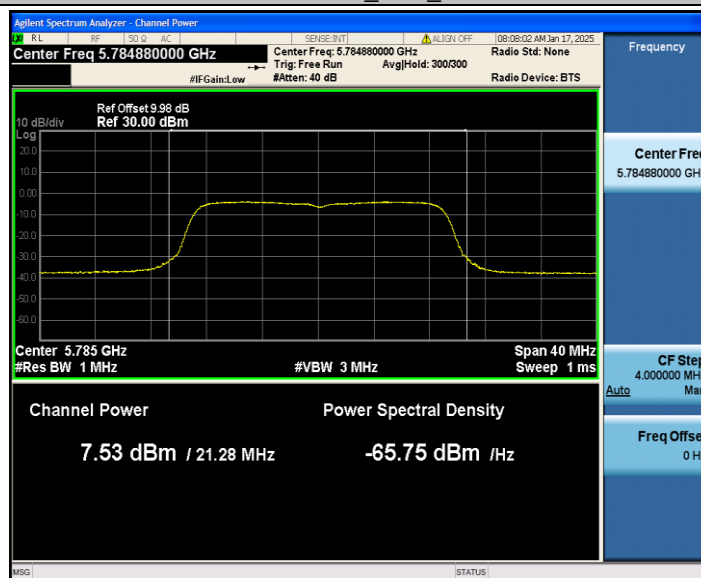
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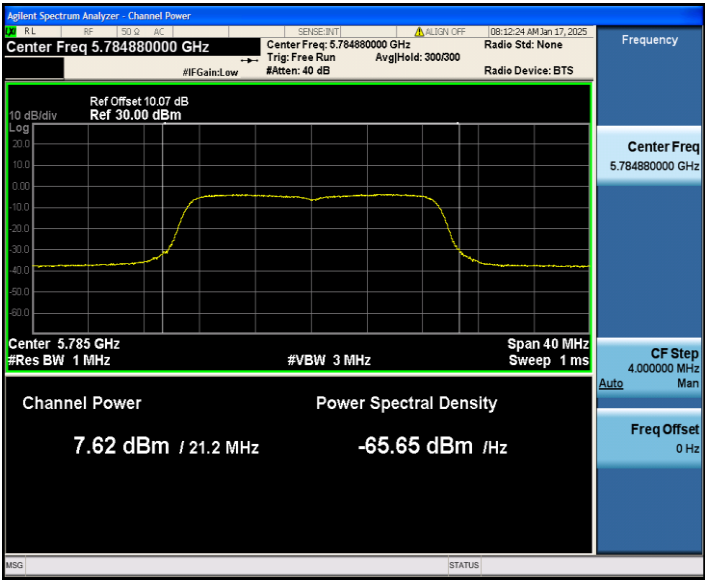
11N20MIMO\_Ant2\_5745



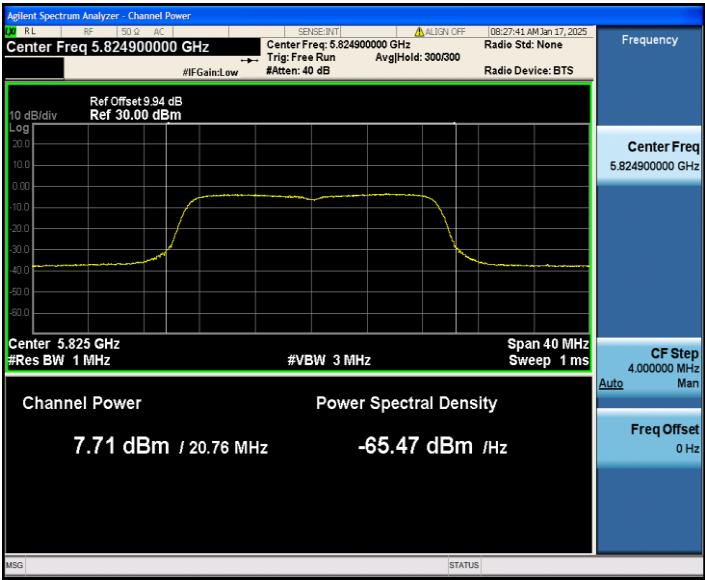
11N20MIMO\_Ant1\_5785



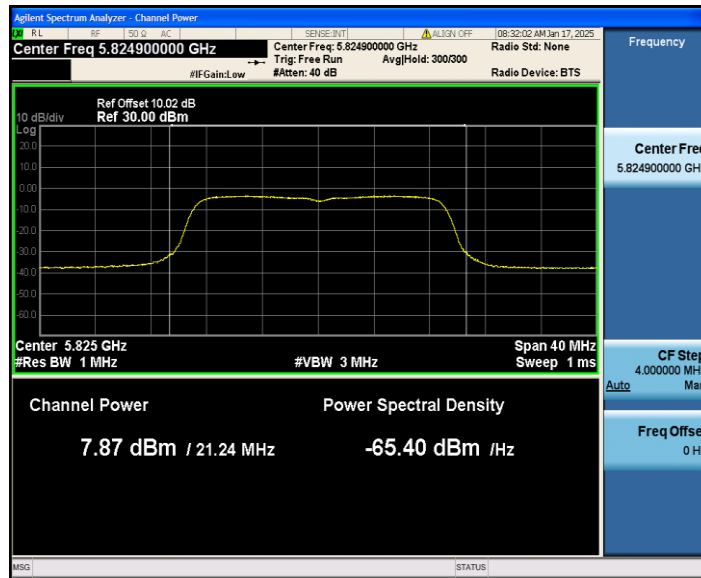
### 11N20MIMO\_Ant2\_5785



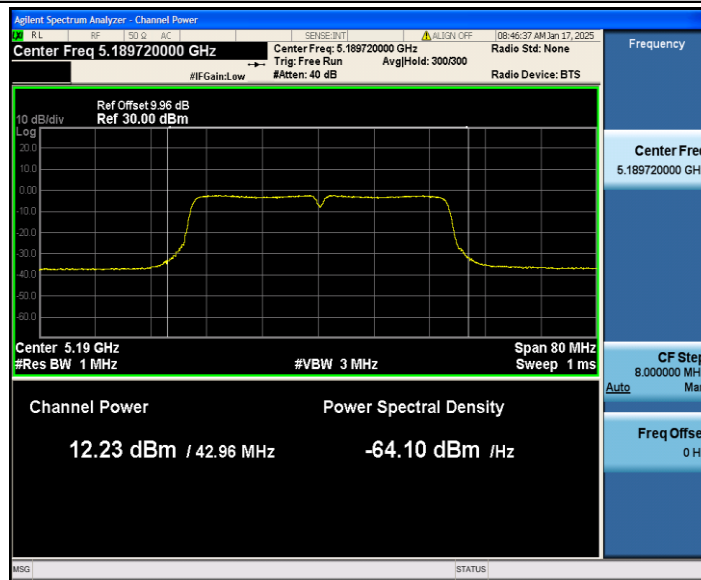
### 11N20MIMO\_Ant1\_5825



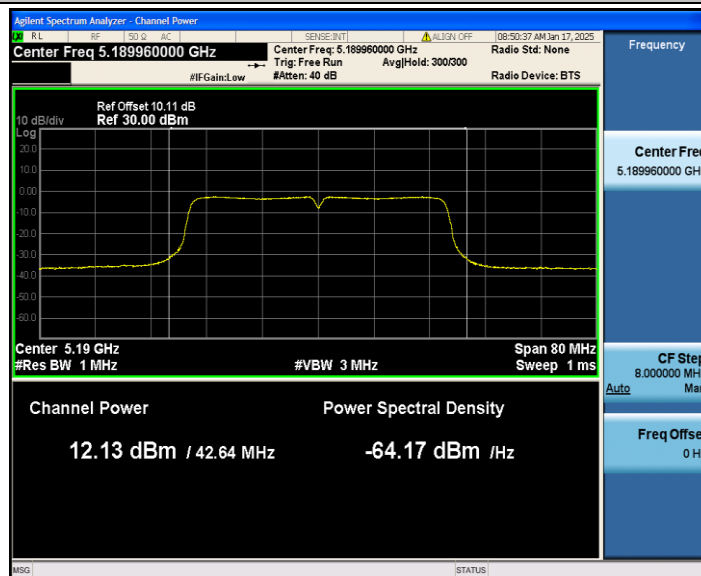
### 11N20MIMO\_Ant2\_5825



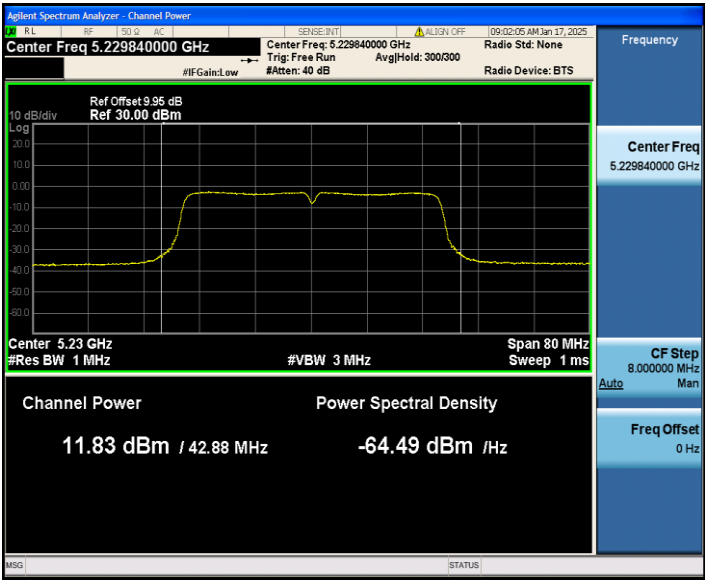
11N40MIMO\_Ant1\_5190



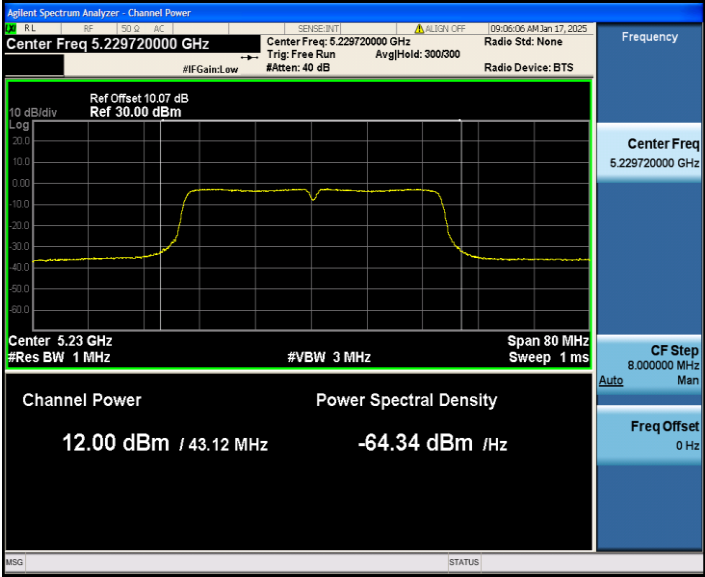
11N40MIMO\_Ant2\_5190



### 11N40MIMO\_Ant1\_5230



### 11N40MIMO\_Ant2\_5230



### 11N40MIMO\_Ant1\_5270