# Appendix A: Test Results of 5GHz Wi-Fi

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## Appendix A.1: Test Results of Maximum output power

| TestMode | Antenna | Channel | Result[dBm] | Limit[dBm] | Verdict |
|---|---|---|---|---|---|
| 11A | Ant0 | 5180 | 16.16 | ≤23.98 | PASS |
| | Ant1 | 5180 | 16.40 | ≤23.98 | PASS |
| | total | 5180 | --- | --- | --- |
| | Ant0 | 5200 | 15.77 | ≤23.98 | PASS |
| | Ant1 | 5200 | 16.17 | ≤23.98 | PASS |
| | total | 5200 | --- | --- | --- |
| | Ant0 | 5240 | 15.62 | ≤23.98 | PASS |
| | Ant1 | 5240 | 15.64 | ≤23.98 | PASS |
| | total | 5240 | --- | --- | --- |
| | Ant0 | 5260 | 15.99 | ≤23.98 | PASS |
| | Ant1 | 5260 | 15.93 | ≤23.98 | PASS |
| | total | 5260 | --- | --- | --- |
| | Ant0 | 5280 | 15.89 | ≤23.98 | PASS |
| | Ant1 | 5280 | 15.73 | ≤23.98 | PASS |
| | total | 5280 | --- | --- | --- |
| | Ant0 | 5320 | 15.44 | ≤23.98 | PASS |
| | Ant1 | 5320 | 15.14 | ≤23.98 | PASS |
| | total | 5320 | --- | --- | --- |
| | Ant0 | 5500 | 17.25 | ≤23.98 | PASS |
| | Ant1 | 5500 | 16.90 | ≤23.98 | PASS |
| | total | 5500 | --- | --- | --- |
| | Ant0 | 5580 | 17.59 | ≤23.98 | PASS |
| | Ant1 | 5580 | 16.91 | ≤23.98 | PASS |
| | total | 5580 | --- | --- | --- |
| | Ant0 | 5700 | 14.18 | ≤23.98 | PASS |
| | Ant1 | 5700 | 14.37 | ≤23.98 | PASS |
| | total | 5700 | --- | --- | --- |
| | Ant0 | 5745 | 18.38 | ≤30.00 | PASS |
| | Ant1 | 5745 | 18.59 | ≤30.00 | PASS |
| | total | 5745 | --- | --- | --- |
| | Ant0 | 5785 | 18.33 | ≤30.00 | PASS |
| | Ant1 | 5785 | 18.32 | ≤30.00 | PASS |
| | total | 5785 | --- | --- | --- |
| | Ant0 | 5825 | 18.47 | ≤30.00 | PASS |
| | Ant1 | 5825 | 18.33 | ≤30.00 | PASS |
| | total | 5825 | --- | --- | --- |
| 11N20MIMO | Ant0 | 5180 | 11.57 | ≤23.98 | PASS |
| | Ant1 | 5180 | 11.88 | ≤23.98 | PASS |
| | total | 5180 | 14.74 | ≤21.98 | PASS |
| | Ant0 | 5200 | 11.49 | ≤23.98 | PASS |
| | Ant1 | 5200 | 11.58 | ≤23.98 | PASS |
| | total | 5200 | 14.55 | ≤21.98 | PASS |
| | Ant0 | 5240 | 11.24 | ≤23.98 | PASS |
| | Ant1 | 5240 | 11.00 | ≤23.98 | PASS |
| | total | 5240 | 14.13 | ≤21.98 | PASS |
| | Ant0 | 5260 | 15.60 | ≤23.98 | PASS |
| | Ant1 | 5260 | 15.48 | ≤23.98 | PASS |
| | total | 5260 | 18.55 | ≤21.98 | PASS |
| | Ant0 | 5280 | 15.51 | ≤23.98 | PASS |
| | Ant1 | 5280 | 15.11 | ≤23.98 | PASS |
| | total | 5280 | 18.32 | ≤21.98 | PASS |
| | Ant0 | 5320 | 15.13 | ≤23.98 | PASS |
| | Ant1 | 5320 | 14.76 | ≤23.98 | PASS |
| | total | 5320 | 17.96 | ≤21.98 | PASS |
| | Ant0 | 5500 | 15.58 | ≤23.98 | PASS |
| | Ant1 | 5500 | 15.13 | ≤23.98 | PASS |
| | total | 5500 | 18.37 | ≤21.98 | PASS |
| | Ant0 | 5580 | 16.21 | ≤23.98 | PASS |

| | | | | | |
|---|---|---|---|---|---|
| | Ant1 | 5580 | 15.24 | ≤23.98 | PASS |
| | total | 5580 | 18.76 | ≤21.98 | PASS |
| | Ant0 | 5700 | 14.85 | ≤23.98 | PASS |
| | Ant1 | 5700 | 14.84 | ≤23.98 | PASS |
| | total | 5700 | 18.86 | ≤21.98 | PASS |
| | Ant0 | 5745 | 18.86 | ≤30.00 | PASS |
| | Ant1 | 5745 | 18.94 | ≤30.00 | PASS |
| | total | 5745 | 21.91 | ≤28.00 | PASS |
| | Ant0 | 5785 | 18.70 | ≤30.00 | PASS |
| | Ant1 | 5785 | 18.63 | ≤30.00 | PASS |
| | total | 5785 | 21.68 | ≤28.00 | PASS |
| | Ant0 | 5825 | 18.79 | ≤30.00 | PASS |
| | Ant1 | 5825 | 18.72 | ≤30.00 | PASS |
| | total | 5825 | 21.77 | ≤28.00 | PASS |
| 11N40MIMO | Ant0 | 5190 | 11.79 | ≤23.98 | PASS |
| | Ant1 | 5190 | 11.61 | ≤23.98 | PASS |
| | total | 5190 | 14.71 | ≤21.98 | PASS |
| | Ant0 | 5230 | 11.50 | ≤23.98 | PASS |
| | Ant1 | 5230 | 10.81 | ≤23.98 | PASS |
| | total | 5230 | 14.18 | ≤21.98 | PASS |
| | Ant0 | 5270 | 15.88 | ≤23.98 | PASS |
| | Ant1 | 5270 | 15.24 | ≤23.98 | PASS |
| | total | 5270 | 18.58 | ≤21.98 | PASS |
| | Ant0 | 5310 | 15.40 | ≤23.98 | PASS |
| | Ant1 | 5310 | 14.73 | ≤23.98 | PASS |
| | total | 5310 | 18.09 | ≤21.98 | PASS |
| | Ant0 | 5510 | 15.75 | ≤23.98 | PASS |
| | Ant1 | 5510 | 15.20 | ≤23.98 | PASS |
| | total | 5510 | 18.49 | ≤21.98 | PASS |
| | Ant0 | 5550 | 16.00 | ≤23.98 | PASS |
| | Ant1 | 5550 | 14.91 | ≤23.98 | PASS |
| | total | 5550 | 18.50 | ≤21.98 | PASS |
| | Ant0 | 5670 | 14.97 | ≤23.98 | PASS |
| | Ant1 | 5670 | 14.95 | ≤23.98 | PASS |
| | total | 5670 | 18.97 | ≤21.98 | PASS |
| | Ant0 | 5755 | 18.82 | ≤30.00 | PASS |
| | Ant1 | 5755 | 18.47 | ≤30.00 | PASS |
| | total | 5755 | 21.66 | ≤28.00 | PASS |
| | Ant0 | 5795 | 18.66 | ≤30.00 | PASS |
| | Ant1 | 5795 | 18.39 | ≤30.00 | PASS |
| | total | 5795 | 21.54 | ≤28.00 | PASS |
| 11AC20MIMO | Ant0 | 5180 | 10.95 | ≤23.98 | PASS |
| | Ant1 | 5180 | 11.15 | ≤23.98 | PASS |
| | total | 5180 | 14.06 | ≤21.98 | PASS |
| | Ant0 | 5200 | 11.29 | ≤23.98 | PASS |
| | Ant1 | 5200 | 11.34 | ≤23.98 | PASS |
| | total | 5200 | 14.33 | ≤21.98 | PASS |
| | Ant0 | 5240 | 11.96 | ≤23.98 | PASS |
| | Ant1 | 5240 | 11.73 | ≤23.98 | PASS |
| | total | 5240 | 14.86 | ≤21.98 | PASS |
| | Ant0 | 5260 | 15.51 | ≤23.98 | PASS |
| | Ant1 | 5260 | 15.57 | ≤23.98 | PASS |
| | total | 5260 | 18.55 | ≤21.98 | PASS |
| | Ant0 | 5280 | 15.34 | ≤23.98 | PASS |
| | Ant1 | 5280 | 15.20 | ≤23.98 | PASS |
| | total | 5280 | 18.28 | ≤21.98 | PASS |
| | Ant0 | 5320 | 15.04 | ≤23.98 | PASS |
| | Ant1 | 5320 | 14.43 | ≤23.98 | PASS |
| | total | 5320 | 17.76 | ≤21.98 | PASS |
| | Ant0 | 5500 | 16.08 | ≤23.98 | PASS |
| | Ant1 | 5500 | 15.74 | ≤23.98 | PASS |
| | total | 5500 | 18.92 | ≤21.98 | PASS |
| | Ant0 | 5580 | 15.77 | ≤23.98 | PASS |

| | | | | | |
|---|---|---|---|---|---|
| | Ant1 | 5580 | 15.01 | ≤23.98 | PASS |
| | total | 5580 | 18.42 | ≤21.98 | PASS |
| | Ant0 | 5700 | 14.76 | ≤23.98 | PASS |
| | Ant1 | 5700 | 14.73 | ≤23.98 | PASS |
| | total | 5700 | 18.76 | ≤21.98 | PASS |
| | Ant0 | 5745 | 18.68 | ≤30.00 | PASS |
| | Ant1 | 5745 | 18.86 | ≤30.00 | PASS |
| | total | 5745 | 21.78 | ≤28.00 | PASS |
| | Ant0 | 5785 | 18.96 | ≤30.00 | PASS |
| | Ant1 | 5785 | 18.74 | ≤30.00 | PASS |
| | total | 5785 | 21.86 | ≤28.00 | PASS |
| | Ant0 | 5825 | 18.93 | ≤30.00 | PASS |
| | Ant1 | 5825 | 18.88 | ≤30.00 | PASS |
| | total | 5825 | **21.92** | ≤28.00 | PASS |
| 11AC40MIMO | Ant0 | 5190 | 11.75 | ≤23.98 | PASS |
| | Ant1 | 5190 | 11.41 | ≤23.98 | PASS |
| | total | 5190 | 14.59 | ≤21.98 | PASS |
| | Ant0 | 5230 | 11.46 | ≤23.98 | PASS |
| | Ant1 | 5230 | 10.77 | ≤23.98 | PASS |
| | total | 5230 | 14.14 | ≤21.98 | PASS |
| | Ant0 | 5270 | 15.90 | ≤23.98 | PASS |
| | Ant1 | 5270 | 15.28 | ≤23.98 | PASS |
| | total | 5270 | 18.61 | ≤21.98 | PASS |
| | Ant0 | 5310 | 15.97 | ≤23.98 | PASS |
| | Ant1 | 5310 | 15.27 | ≤23.98 | PASS |
| | total | 5310 | 18.64 | ≤21.98 | PASS |
| | Ant0 | 5510 | 15.75 | ≤23.98 | PASS |
| | Ant1 | 5510 | 15.15 | ≤23.98 | PASS |
| | total | 5510 | 18.47 | ≤21.98 | PASS |
| | Ant0 | 5550 | 15.82 | ≤23.98 | PASS |
| | Ant1 | 5550 | 14.96 | ≤23.98 | PASS |
| | total | 5550 | 18.42 | ≤21.98 | PASS |
| | Ant0 | 5670 | 14.15 | ≤23.98 | PASS |
| | Ant1 | 5670 | 14.19 | ≤23.98 | PASS |
| | total | 5670 | 18.18 | ≤21.98 | PASS |
| | Ant0 | 5755 | 18.69 | ≤30.00 | PASS |
| | Ant1 | 5755 | 18.42 | ≤30.00 | PASS |
| | total | 5755 | 21.57 | ≤28.00 | PASS |
| | Ant0 | 5795 | 18.66 | ≤30.00 | PASS |
| | Ant1 | 5795 | 18.33 | ≤30.00 | PASS |
| | total | 5795 | 21.51 | ≤28.00 | PASS |
| 11AC80MIMO | Ant0 | 5210 | 11.61 | ≤23.98 | PASS |
| | Ant1 | 5210 | 11.06 | ≤23.98 | PASS |
| | total | 5210 | 14.35 | ≤23.98 | PASS |
| | Ant0 | 5290 | 16.02 | ≤23.98 | PASS |
| | Ant1 | 5290 | 15.64 | ≤23.98 | PASS |
| | total | 5290 | 18.84 | ≤23.98 | PASS |
| | Ant0 | 5530 | 16.16 | ≤23.98 | PASS |
| | Ant1 | 5530 | 15.45 | ≤23.98 | PASS |
| | total | 5530 | 18.83 | ≤23.98 | PASS |
| | Ant0 | 5610 | 15.78 | ≤23.98 | PASS |
| | Ant1 | 5610 | 14.57 | ≤23.98 | PASS |
| | total | 5610 | 18.23 | ≤23.98 | PASS |
| | Ant0 | 5775 | 18.90 | ≤30.00 | PASS |
| | Ant1 | 5775 | 18.58 | ≤30.00 | PASS |
| | total | 5775 | 21.75 | ≤28.00 | PASS |
| 11AX20MIMO | Ant0 | 5180 | 11.15 | ≤23.98 | PASS |
| | Ant1 | 5180 | 11.40 | ≤23.98 | PASS |
| | total | 5180 | 14.29 | ≤21.98 | PASS |
| | Ant0 | 5200 | 11.09 | ≤23.98 | PASS |
| | Ant1 | 5200 | 11.15 | ≤23.98 | PASS |
| | total | 5200 | 14.13 | ≤21.98 | PASS |
| | Ant0 | 5240 | 11.90 | ≤23.98 | PASS |

| | | | | | |
|---|---|---|---|---|---|
| | Ant1 | 5240 | 11.43 | ≤23.98 | PASS |
| | total | 5240 | 14.68 | ≤21.98 | PASS |
| | Ant0 | 5260 | 15.40 | ≤23.98 | PASS |
| | Ant1 | 5260 | 15.22 | ≤23.98 | PASS |
| | total | 5260 | 18.32 | ≤21.98 | PASS |
| | Ant0 | 5280 | 15.33 | ≤23.98 | PASS |
| | Ant1 | 5280 | 15.27 | ≤23.98 | PASS |
| | total | 5280 | 18.31 | ≤21.98 | PASS |
| | Ant0 | 5320 | 15.70 | ≤23.98 | PASS |
| | Ant1 | 5320 | 15.27 | ≤23.98 | PASS |
| | total | 5320 | 18.50 | ≤21.98 | PASS |
| | Ant0 | 5500 | 15.51 | ≤23.98 | PASS |
| | Ant1 | 5500 | 15.01 | ≤23.98 | PASS |
| | total | 5500 | 18.28 | ≤21.98 | PASS |
| | Ant0 | 5580 | 15.89 | ≤23.98 | PASS |
| | Ant1 | 5580 | 15.14 | ≤23.98 | PASS |
| | total | 5580 | 18.54 | ≤21.98 | PASS |
| | Ant0 | 5700 | 14.55 | ≤23.98 | PASS |
| | Ant1 | 5700 | 14.69 | ≤23.98 | PASS |
| | total | 5700 | 18.63 | ≤21.98 | PASS |
| | Ant0 | 5745 | 18.89 | ≤30.00 | PASS |
| | Ant1 | 5745 | 18.87 | ≤30.00 | PASS |
| | total | 5745 | 21.89 | ≤28.00 | PASS |
| | Ant0 | 5785 | 18.65 | ≤30.00 | PASS |
| | Ant1 | 5785 | 18.60 | ≤30.00 | PASS |
| | total | 5785 | 21.64 | ≤28.00 | PASS |
| | Ant0 | 5825 | 18.79 | ≤30.00 | PASS |
| | Ant1 | 5825 | 18.82 | ≤30.00 | PASS |
| | total | 5825 | 21.82 | ≤28.00 | PASS |
| 11AX40MIMO | Ant0 | 5190 | 11.51 | ≤23.98 | PASS |
| | Ant1 | 5190 | 11.33 | ≤23.98 | PASS |
| | total | 5190 | 14.43 | ≤21.98 | PASS |
| | Ant0 | 5230 | 11.31 | ≤23.98 | PASS |
| | Ant1 | 5230 | 10.82 | ≤23.98 | PASS |
| | total | 5230 | 14.08 | ≤21.98 | PASS |
| | Ant0 | 5270 | 15.90 | ≤23.98 | PASS |
| | Ant1 | 5270 | 15.37 | ≤23.98 | PASS |
| | total | 5270 | 18.65 | ≤21.98 | PASS |
| | Ant0 | 5310 | 16.07 | ≤23.98 | PASS |
| | Ant1 | 5310 | 15.26 | ≤23.98 | PASS |
| | total | 5310 | 18.69 | ≤21.98 | PASS |
| | Ant0 | 5510 | 15.86 | ≤23.98 | PASS |
| | Ant1 | 5510 | 15.25 | ≤23.98 | PASS |
| | total | 5510 | 18.58 | ≤21.98 | PASS |
| | Ant0 | 5550 | 15.96 | ≤23.98 | PASS |
| | Ant1 | 5550 | 14.98 | ≤23.98 | PASS |
| | total | 5550 | 18.51 | ≤21.98 | PASS |
| | Ant0 | 5670 | 14.21 | ≤23.98 | PASS |
| | Ant1 | 5670 | 14.22 | ≤23.98 | PASS |
| | total | 5670 | 18.23 | ≤21.98 | PASS |
| | Ant0 | 5755 | 18.79 | ≤30.00 | PASS |
| | Ant1 | 5755 | 18.49 | ≤30.00 | PASS |
| | total | 5755 | 21.65 | ≤28.00 | PASS |
| | Ant0 | 5795 | 18.93 | ≤30.00 | PASS |
| | Ant1 | 5795 | 18.46 | ≤30.00 | PASS |
| | total | 5795 | 21.71 | ≤28.00 | PASS |
| 11AX80MIMO | Ant0 | 5210 | 11.45 | ≤23.98 | PASS |
| | Ant1 | 5210 | 11.07 | ≤23.98 | PASS |
| | total | 5210 | 14.27 | ≤21.98 | PASS |
| | Ant0 | 5290 | 16.13 | ≤23.98 | PASS |
| | Ant1 | 5290 | 15.34 | ≤23.98 | PASS |
| | total | 5290 | 18.76 | ≤21.98 | PASS |
| | Ant0 | 5530 | 16.23 | ≤23.98 | PASS |

| | | | | | |
|---|---|---|---|---|---|
| | Ant1 | 5530 | 15.50 | ≤23.98 | PASS |
| | total | 5530 | 18.89 | ≤21.98 | PASS |
| | Ant0 | 5610 | 15.55 | ≤23.98 | PASS |
| | Ant1 | 5610 | 14.46 | ≤23.98 | PASS |
| | total | 5610 | 18.05 | ≤21.98 | PASS |
| | Ant0 | 5775 | 18.53 | ≤30.00 | PASS |
| | Ant1 | 5775 | 18.53 | ≤30.00 | PASS |
| | total | 5775 | 21.54 | ≤28.00 | PASS |

*For the WLAN 5GHz 802.11n/802.11ac/802.11ax, the directional gain is 8dBi for MIMO mode, thus the power limit should be reduced by 2dB.
The Duty Cycle Factor is compensated in the tables.
A TPC mechanism is not required for systems with an e.i.r.p. of less than 500 mW(27dBm).

## Appendix A.2: Test Results of Conducted Power Spectral Density

| TestMode | Antenna | Channel | Result [dBm/MHz] | Limit[dBm/MHz] | Verdict |
|---|---|---|---|---|---|
| 11A | Ant0 | 5180 | 4.46 | ≤11.00 | PASS |
| | Ant1 | 5180 | 4.69 | ≤11.00 | PASS |
| | total | 5180 | --- | --- | --- |
| | Ant0 | 5200 | 3.73 | ≤11.00 | PASS |
| | Ant1 | 5200 | 4.56 | ≤11.00 | PASS |
| | total | 5200 | --- | --- | --- |
| | Ant0 | 5240 | 4.11 | ≤11.00 | PASS |
| | Ant1 | 5240 | 4.18 | ≤11.00 | PASS |
| | total | 5240 | --- | --- | --- |
| | Ant0 | 5260 | 4.43 | ≤11.00 | PASS |
| | Ant1 | 5260 | 4.61 | ≤11.00 | PASS |
| | total | 5260 | --- | --- | --- |
| | Ant0 | 5280 | 4.71 | ≤11.00 | PASS |
| | Ant1 | 5280 | 4.79 | ≤11.00 | PASS |
| | total | 5280 | --- | --- | --- |
| | Ant0 | 5320 | 4.19 | ≤11.00 | PASS |
| | Ant1 | 5320 | 4.13 | ≤11.00 | PASS |
| | total | 5320 | --- | --- | --- |
| | Ant0 | 5500 | 6.45 | ≤11.00 | PASS |
| | Ant1 | 5500 | 6.25 | ≤11.00 | PASS |
| | total | 5500 | --- | --- | --- |
| | Ant0 | 5580 | 6.86 | ≤11.00 | PASS |
| | Ant1 | 5580 | 6.13 | ≤11.00 | PASS |
| | total | 5580 | --- | --- | --- |
| | Ant0 | 5700 | 7.91 | ≤11.00 | PASS |
| | Ant1 | 5700 | 8.58 | ≤11.00 | PASS |
| | total | 5700 | --- | --- | --- |
| | Ant0 | 5745 | 5.07 | ≤30.00 | PASS |
| | Ant1 | 5745 | 5.58 | ≤30.00 | PASS |
| | total | 5745 | --- | --- | --- |
| | Ant0 | 5785 | 4.94 | ≤30.00 | PASS |
| | Ant1 | 5785 | 5.09 | ≤30.00 | PASS |
| | total | 5785 | --- | --- | --- |
| | Ant0 | 5825 | 4.48 | ≤30.00 | PASS |
| | Ant1 | 5825 | 4.54 | ≤30.00 | PASS |
| | total | 5825 | --- | --- | --- |
| 11N20MIMO | Ant0 | 5180 | 0.45 | ≤11.00 | PASS |
| | Ant1 | 5180 | 0.94 | ≤11.00 | PASS |
| | total | 5180 | 3.71 | ≤11.00 | PASS |
| | Ant0 | 5200 | -0.22 | ≤11.00 | PASS |
| | Ant1 | 5200 | 0.11 | ≤11.00 | PASS |
| | total | 5200 | 2.96 | ≤11.00 | PASS |
| | Ant0 | 5240 | -0.29 | ≤11.00 | PASS |
| | Ant1 | 5240 | -0.43 | ≤11.00 | PASS |
| | total | 5240 | 2.65 | ≤11.00 | PASS |
| | Ant0 | 5260 | 3.94 | ≤11.00 | PASS |
| | Ant1 | 5260 | 4.32 | ≤11.00 | PASS |
| | total | 5260 | 7.14 | ≤11.00 | PASS |
| | Ant0 | 5280 | 4.15 | ≤11.00 | PASS |
| | Ant1 | 5280 | 3.91 | ≤11.00 | PASS |
| | total | 5280 | 7.04 | ≤11.00 | PASS |
| | Ant0 | 5320 | 3.7 | ≤11.00 | PASS |
| | Ant1 | 5320 | 3.71 | ≤11.00 | PASS |
| | total | 5320 | 6.72 | ≤11.00 | PASS |
| | Ant0 | 5500 | 4.6 | ≤11.00 | PASS |
| | Ant1 | 5500 | 4.43 | ≤11.00 | PASS |
| | total | 5500 | 7.53 | ≤11.00 | PASS |
| | Ant0 | 5580 | 5.29 | ≤11.00 | PASS |

| | | | | | |
|---|---|---|---|---|---|
| | Ant1 | 5580 | 4.38 | ≤11.00 | PASS |
| | total | 5580 | 7.87 | ≤11.00 | PASS |
| | Ant0 | 5700 | 5.69 | ≤11.00 | PASS |
| | Ant1 | 5700 | 5.91 | ≤11.00 | PASS |
| | total | 5700 | 8.81 | ≤11.00 | PASS |
| | Ant0 | 5745 | 5.55 | ≤30.00 | PASS |
| | Ant1 | 5745 | 5.83 | ≤30.00 | PASS |
| | total | 5745 | 8.70 | ≤30.00 | PASS |
| | Ant0 | 5785 | 5.26 | ≤30.00 | PASS |
| | Ant1 | 5785 | 5.41 | ≤30.00 | PASS |
| | total | 5785 | 8.35 | ≤30.00 | PASS |
| | Ant0 | 5825 | 4.86 | ≤30.00 | PASS |
| | Ant1 | 5825 | 5.34 | ≤30.00 | PASS |
| | total | 5825 | 8.12 | ≤30.00 | PASS |
| 11N40MIMO | Ant0 | 5190 | -2.37 | ≤11.00 | PASS |
| | Ant1 | 5190 | -1.99 | ≤11.00 | PASS |
| | total | 5190 | 0.83 | ≤11.00 | PASS |
| | Ant0 | 5230 | -2.68 | ≤11.00 | PASS |
| | Ant1 | 5230 | -3.36 | ≤11.00 | PASS |
| | total | 5230 | 0.00 | ≤11.00 | PASS |
| | Ant0 | 5270 | 1.45 | ≤11.00 | PASS |
| | Ant1 | 5270 | 1.24 | ≤11.00 | PASS |
| | total | 5270 | 4.36 | ≤11.00 | PASS |
| | Ant0 | 5310 | 1.14 | ≤11.00 | PASS |
| | Ant1 | 5310 | 0.75 | ≤11.00 | PASS |
| | total | 5310 | 3.96 | ≤11.00 | PASS |
| | Ant0 | 5510 | 1.54 | ≤11.00 | PASS |
| | Ant1 | 5510 | 1.54 | ≤11.00 | PASS |
| | total | 5510 | 4.55 | ≤11.00 | PASS |
| | Ant0 | 5550 | 1.99 | ≤11.00 | PASS |
| | Ant1 | 5550 | 1.11 | ≤11.00 | PASS |
| | total | 5550 | 4.58 | ≤11.00 | PASS |
| | Ant0 | 5670 | 2.57 | ≤11.00 | PASS |
| | Ant1 | 5670 | 2.88 | ≤11.00 | PASS |
| | total | 5670 | 5.74 | ≤11.00 | PASS |
| | Ant0 | 5755 | 2.31 | ≤30.00 | PASS |
| | Ant1 | 5755 | 2.3 | ≤30.00 | PASS |
| | total | 5755 | 5.32 | ≤30.00 | PASS |
| | Ant0 | 5795 | 2.14 | ≤30.00 | PASS |
| | Ant1 | 5795 | 2.07 | ≤30.00 | PASS |
| | total | 5795 | 5.12 | ≤30.00 | PASS |
| 11AC20MIMO | Ant0 | 5180 | -0.56 | ≤11.00 | PASS |
| | Ant1 | 5180 | -0.49 | ≤11.00 | PASS |
| | total | 5180 | 2.49 | ≤11.00 | PASS |
| | Ant0 | 5200 | -0.72 | ≤11.00 | PASS |
| | Ant1 | 5200 | -0.39 | ≤11.00 | PASS |
| | total | 5200 | 2.46 | ≤11.00 | PASS |
| | Ant0 | 5240 | 0.36 | ≤11.00 | PASS |
| | Ant1 | 5240 | 0.01 | ≤11.00 | PASS |
| | total | 5240 | 3.20 | ≤11.00 | PASS |
| | Ant0 | 5260 | 4.07 | ≤11.00 | PASS |
| | Ant1 | 5260 | 4.41 | ≤11.00 | PASS |
| | total | 5260 | 7.25 | ≤11.00 | PASS |
| | Ant0 | 5280 | 4.17 | ≤11.00 | PASS |
| | Ant1 | 5280 | 4.2 | ≤11.00 | PASS |
| | total | 5280 | 7.20 | ≤11.00 | PASS |
| | Ant0 | 5320 | 3.74 | ≤11.00 | PASS |
| | Ant1 | 5320 | 3.54 | ≤11.00 | PASS |
| | total | 5320 | 6.65 | ≤11.00 | PASS |
| | Ant0 | 5500 | 5.09 | ≤11.00 | PASS |
| | Ant1 | 5500 | 5.04 | ≤11.00 | PASS |
| | total | 5500 | 8.08 | ≤11.00 | PASS |
| | Ant0 | 5580 | 4.78 | ≤11.00 | PASS |

| | | | | | |
|---|---|---|---|---|---|
| | Ant1 | 5580 | 3.97 | ≤11.00 | PASS |
| | total | 5580 | 7.40 | ≤11.00 | PASS |
| | Ant0 | 5700 | 5.28 | ≤11.00 | PASS |
| | Ant1 | 5700 | 5.59 | ≤11.00 | PASS |
| | total | 5700 | 8.45 | ≤11.00 | PASS |
| | Ant0 | 5745 | 5.18 | ≤30.00 | PASS |
| | Ant1 | 5745 | 5.52 | ≤30.00 | PASS |
| | total | 5745 | 8.36 | ≤30.00 | PASS |
| | Ant0 | 5785 | 5.07 | ≤30.00 | PASS |
| | Ant1 | 5785 | 5.1 | ≤30.00 | PASS |
| | total | 5785 | 8.10 | ≤30.00 | PASS |
| | Ant0 | 5825 | 4.9 | ≤30.00 | PASS |
| | Ant1 | 5825 | 5.18 | ≤30.00 | PASS |
| | total | 5825 | 8.05 | ≤30.00 | PASS |
| 11AC40MIMO | Ant0 | 5190 | -2.89 | ≤11.00 | PASS |
| | Ant1 | 5190 | -2.69 | ≤11.00 | PASS |
| | total | 5190 | 0.22 | ≤11.00 | PASS |
| | Ant0 | 5230 | -2.71 | ≤11.00 | PASS |
| | Ant1 | 5230 | -3.54 | ≤11.00 | PASS |
| | total | 5230 | -0.09 | ≤11.00 | PASS |
| | Ant0 | 5270 | 1.28 | ≤11.00 | PASS |
| | Ant1 | 5270 | 0.96 | ≤11.00 | PASS |
| | total | 5270 | 4.13 | ≤11.00 | PASS |
| | Ant0 | 5310 | 1.48 | ≤11.00 | PASS |
| | Ant1 | 5310 | 1.25 | ≤11.00 | PASS |
| | total | 5310 | 4.38 | ≤11.00 | PASS |
| | Ant0 | 5510 | 1.56 | ≤11.00 | PASS |
| | Ant1 | 5510 | 1.21 | ≤11.00 | PASS |
| | total | 5510 | 4.40 | ≤11.00 | PASS |
| | Ant0 | 5550 | 1.82 | ≤11.00 | PASS |
| | Ant1 | 5550 | 1.2 | ≤11.00 | PASS |
| | total | 5550 | 4.53 | ≤11.00 | PASS |
| | Ant0 | 5670 | 2.26 | ≤11.00 | PASS |
| | Ant1 | 5670 | 2.79 | ≤11.00 | PASS |
| | total | 5670 | 5.54 | ≤11.00 | PASS |
| | Ant0 | 5755 | 2.08 | ≤30.00 | PASS |
| | Ant1 | 5755 | 2.06 | ≤30.00 | PASS |
| | total | 5755 | 5.08 | ≤30.00 | PASS |
| | Ant0 | 5795 | 2.01 | ≤30.00 | PASS |
| | Ant1 | 5795 | 2.07 | ≤30.00 | PASS |
| | total | 5795 | 5.05 | ≤30.00 | PASS |
| 11AC80MIMO | Ant0 | 5210 | -5.8 | ≤11.00 | PASS |
| | Ant1 | 5210 | -6.88 | ≤11.00 | PASS |
| | total | 5210 | -3.30 | ≤11.00 | PASS |
| | Ant0 | 5290 | -1.08 | ≤11.00 | PASS |
| | Ant1 | 5290 | -1.06 | ≤11.00 | PASS |
| | total | 5290 | 1.94 | ≤11.00 | PASS |
| | Ant0 | 5530 | -0.23 | ≤11.00 | PASS |
| | Ant1 | 5530 | -0.91 | ≤11.00 | PASS |
| | total | 5530 | 2.45 | ≤11.00 | PASS |
| | Ant0 | 5610 | -1.49 | ≤11.00 | PASS |
| | Ant1 | 5610 | -2.2 | ≤11.00 | PASS |
| | total | 5610 | 1.18 | ≤11.00 | PASS |
| | Ant0 | 5775 | -0.78 | ≤30.00 | PASS |
| | Ant1 | 5775 | -0.79 | ≤30.00 | PASS |
| | total | 5775 | 2.23 | ≤30.00 | PASS |
| 11AX20MIMO | Ant0 | 5180 | -0.42 | ≤11.00 | PASS |
| | Ant1 | 5180 | -0.01 | ≤11.00 | PASS |
| | total | 5180 | 2.80 | ≤11.00 | PASS |
| | Ant0 | 5200 | -0.92 | ≤11.00 | PASS |
| | Ant1 | 5200 | -0.33 | ≤11.00 | PASS |
| | total | 5200 | 2.40 | ≤11.00 | PASS |
| | Ant0 | 5240 | 0.31 | ≤11.00 | PASS |

| | | | | | |
|---|---|---|---|---|---|
| | Ant1 | 5240 | -0.26 | ≤11.00 | PASS |
| | total | 5240 | 3.04 | ≤11.00 | PASS |
| | Ant0 | 5260 | 3.48 | ≤11.00 | PASS |
| | Ant1 | 5260 | 3.76 | ≤11.00 | PASS |
| | total | 5260 | 6.63 | ≤11.00 | PASS |
| | Ant0 | 5280 | 3.78 | ≤11.00 | PASS |
| | Ant1 | 5280 | 4.01 | ≤11.00 | PASS |
| | total | 5280 | 6.91 | ≤11.00 | PASS |
| | Ant0 | 5320 | 4.34 | ≤11.00 | PASS |
| | Ant1 | 5320 | 4.22 | ≤11.00 | PASS |
| | total | 5320 | 7.29 | ≤11.00 | PASS |
| | Ant0 | 5500 | 4.42 | ≤11.00 | PASS |
| | Ant1 | 5500 | 4.03 | ≤11.00 | PASS |
| | total | 5500 | 7.24 | ≤11.00 | PASS |
| | Ant0 | 5580 | 4.77 | ≤11.00 | PASS |
| | Ant1 | 5580 | 4.14 | ≤11.00 | PASS |
| | total | 5580 | 7.48 | ≤11.00 | PASS |
| | Ant0 | 5700 | 4.96 | ≤11.00 | PASS |
| | Ant1 | 5700 | 5.36 | ≤11.00 | PASS |
| | total | 5700 | 8.17 | ≤11.00 | PASS |
| | Ant0 | 5745 | 5.42 | ≤30.00 | PASS |
| | Ant1 | 5745 | 5.57 | ≤30.00 | PASS |
| | total | 5745 | 8.51 | ≤30.00 | PASS |
| | Ant0 | 5785 | 4.69 | ≤30.00 | PASS |
| | Ant1 | 5785 | 5.13 | ≤30.00 | PASS |
| | total | 5785 | 7.93 | ≤30.00 | PASS |
| | Ant0 | 5825 | 4.68 | ≤30.00 | PASS |
| | Ant1 | 5825 | 5.02 | ≤30.00 | PASS |
| | total | 5825 | 7.86 | ≤30.00 | PASS |
| 11AX40MIMO | Ant0 | 5190 | -3.08 | ≤11.00 | PASS |
| | Ant1 | 5190 | -2.86 | ≤11.00 | PASS |
| | total | 5190 | 0.04 | ≤11.00 | PASS |
| | Ant0 | 5230 | -3.41 | ≤11.00 | PASS |
| | Ant1 | 5230 | -3.61 | ≤11.00 | PASS |
| | total | 5230 | -0.50 | ≤11.00 | PASS |
| | Ant0 | 5270 | 1.41 | ≤11.00 | PASS |
| | Ant1 | 5270 | 1.03 | ≤11.00 | PASS |
| | total | 5270 | 4.23 | ≤11.00 | PASS |
| | Ant0 | 5310 | 1.64 | ≤11.00 | PASS |
| | Ant1 | 5310 | 1.05 | ≤11.00 | PASS |
| | total | 5310 | 4.37 | ≤11.00 | PASS |
| | Ant0 | 5510 | 1.49 | ≤11.00 | PASS |
| | Ant1 | 5510 | 1.37 | ≤11.00 | PASS |
| | total | 5510 | 4.44 | ≤11.00 | PASS |
| | Ant0 | 5550 | 1.91 | ≤11.00 | PASS |
| | Ant1 | 5550 | 1.1 | ≤11.00 | PASS |
| | total | 5550 | 4.53 | ≤11.00 | PASS |
| | Ant0 | 5670 | 1.41 | ≤11.00 | PASS |
| | Ant1 | 5670 | 1.73 | ≤11.00 | PASS |
| | total | 5670 | 4.58 | ≤11.00 | PASS |
| | Ant0 | 5755 | 2.03 | ≤30.00 | PASS |
| | Ant1 | 5755 | 2.37 | ≤30.00 | PASS |
| | total | 5755 | 5.21 | ≤30.00 | PASS |
| | Ant0 | 5795 | 2.14 | ≤30.00 | PASS |
| | Ant1 | 5795 | 2.04 | ≤30.00 | PASS |
| | total | 5795 | 5.10 | ≤30.00 | PASS |
| 11AX80MIMO | Ant0 | 5210 | -5.95 | ≤11.00 | PASS |
| | Ant1 | 5210 | -6.86 | ≤11.00 | PASS |
| | total | 5210 | -3.37 | ≤11.00 | PASS |
| | Ant0 | 5290 | -0.83 | ≤11.00 | PASS |
| | Ant1 | 5290 | -1.84 | ≤11.00 | PASS |
| | total | 5290 | 1.70 | ≤11.00 | PASS |
| | Ant0 | 5530 | -0.74 | ≤11.00 | PASS |

| | | | | | |
|---|---|---|---|---|---|
| | Ant1 | 5530 | -0.88 | ≤11.00 | PASS |
| | total | 5530 | 2.20 | ≤11.00 | PASS |
| | Ant0 | 5610 | -1.25 | ≤11.00 | PASS |
| | Ant1 | 5610 | -2.15 | ≤11.00 | PASS |
| | total | 5610 | 1.33 | ≤11.00 | PASS |
| | Ant0 | 5775 | -0.65 | ≤30.00 | PASS |
| | Ant1 | 5775 | -0.32 | ≤30.00 | PASS |
| | total | 5775 | 2.53 | ≤30.00 | PASS |

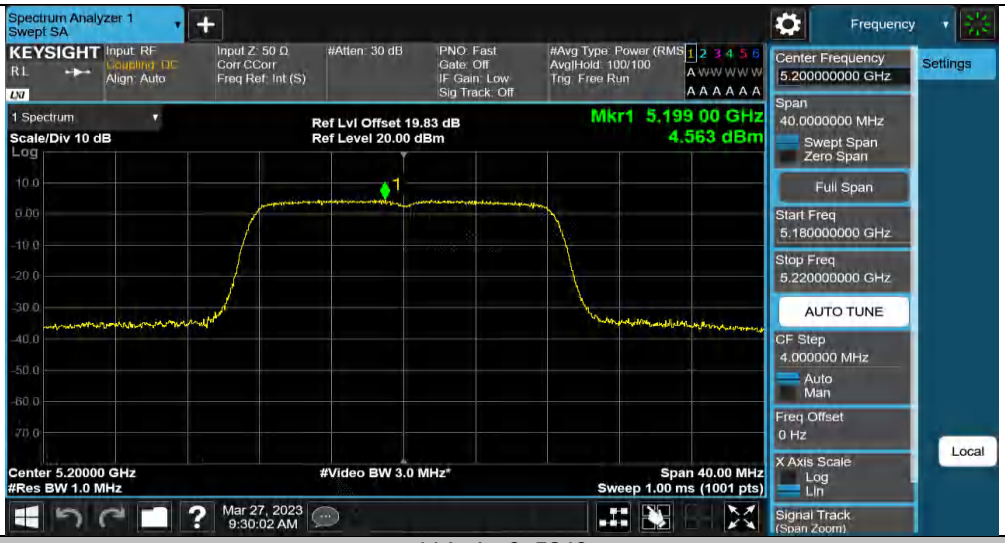
Note：
1. *For WLAN 5GHz 802.11n/802.11ac/802.11ax, and the directional gain is 11dBi for MIMO mode, thus the PSD and power limits should be reduced by 2dB accordingly.
2. The Results already converted to dBm/500 kHz in the band 5.725-5.85 GHz, with factor10 log (500 kHz/RBW), i.e.2.22dB;
3. The Duty Cycle Factor and RBW Factor is compensated in the graph.

11A_Ant0_5180

11A_Ant1_5180

11A_Ant0_5200

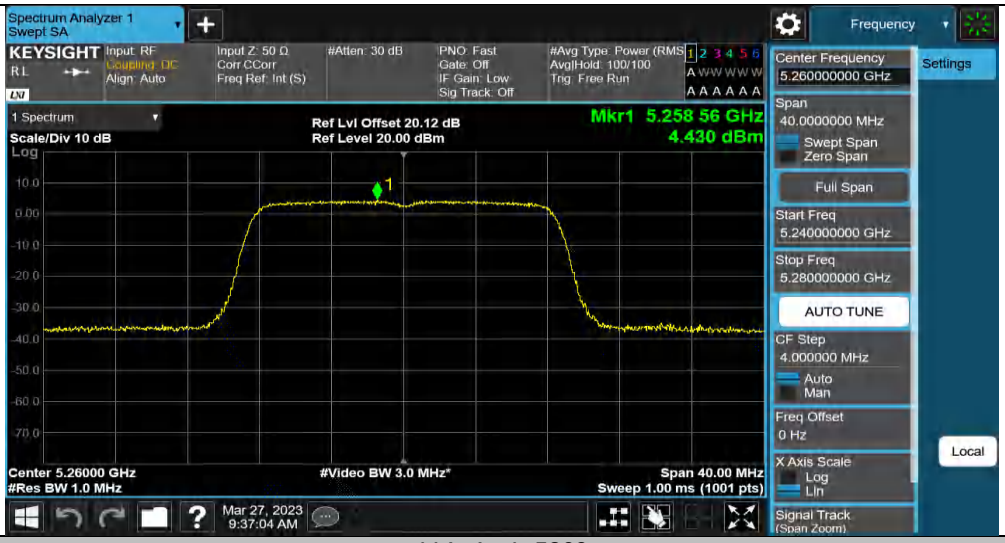
11A_Ant1_5200




11A_Ant0_5240

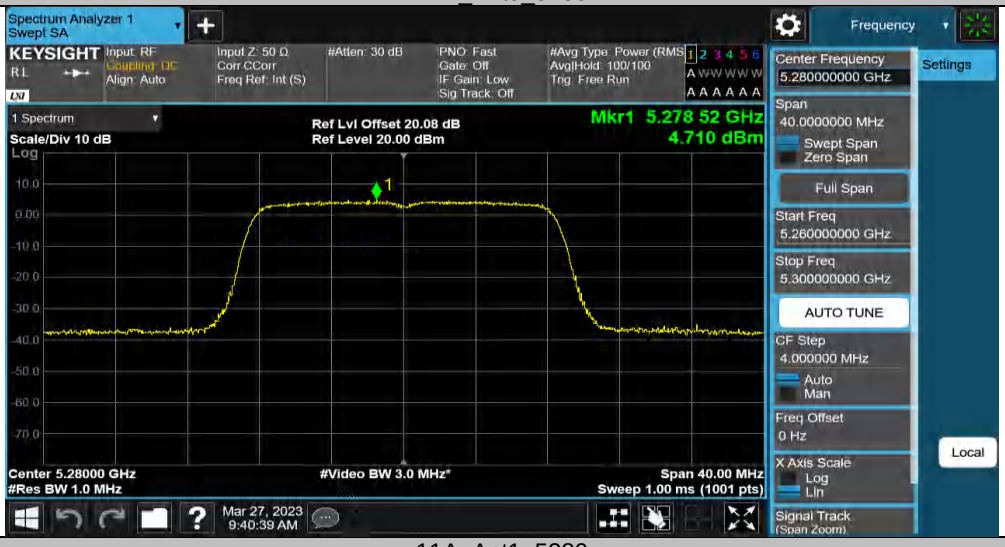
11A_Ant1_5240

11A_Ant0_5260

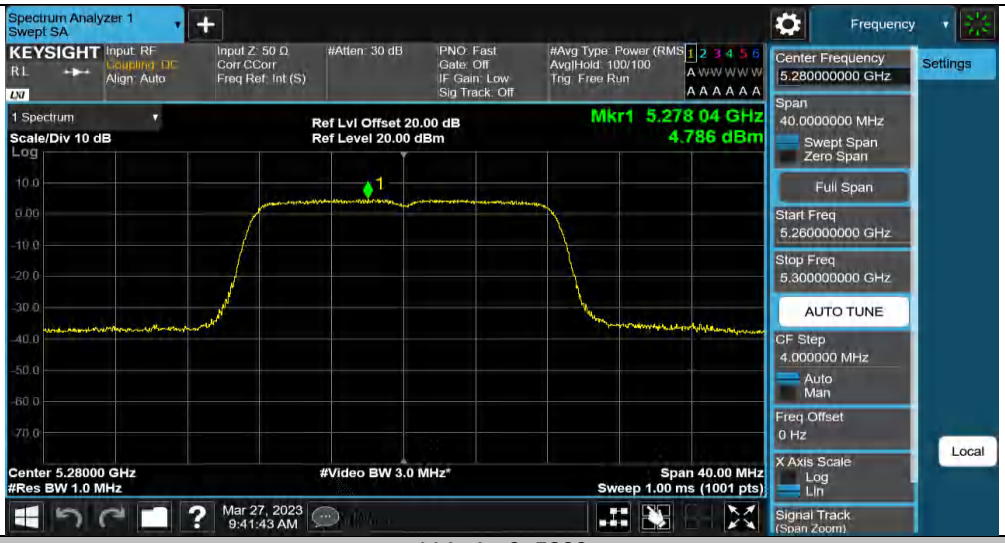



11A_Ant1_5260

11A_Ant0_5280

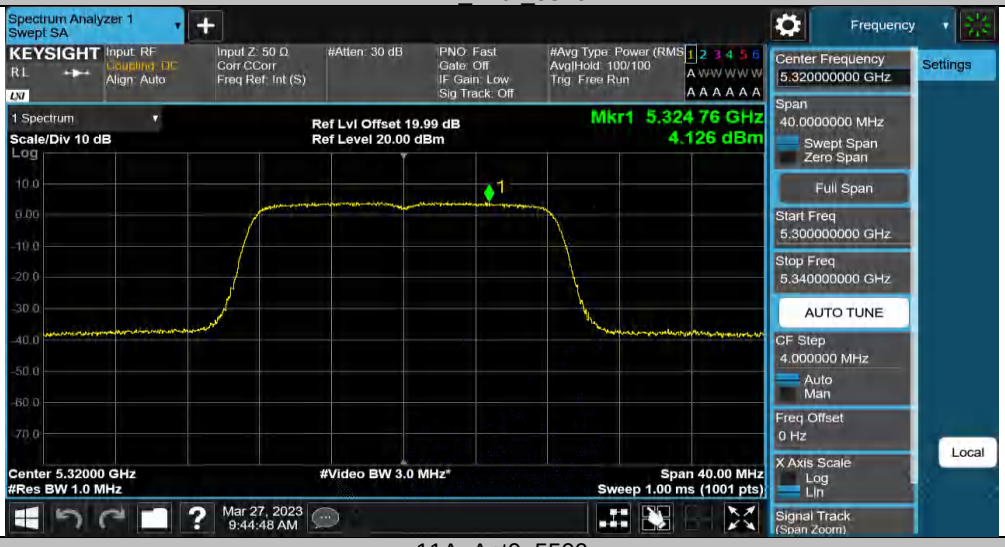



11A_Ant1_5280

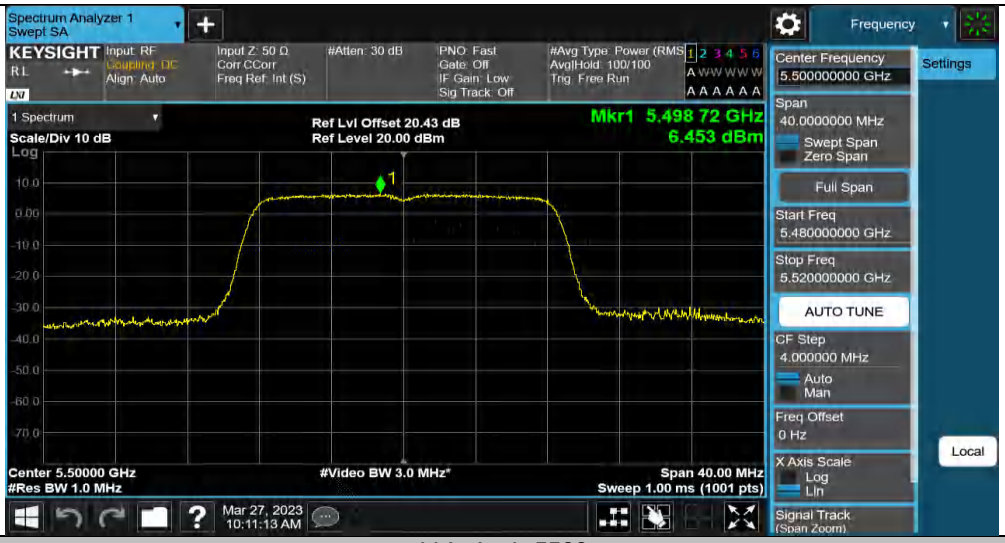



11A_Ant0_5320

11A_Ant1_5320



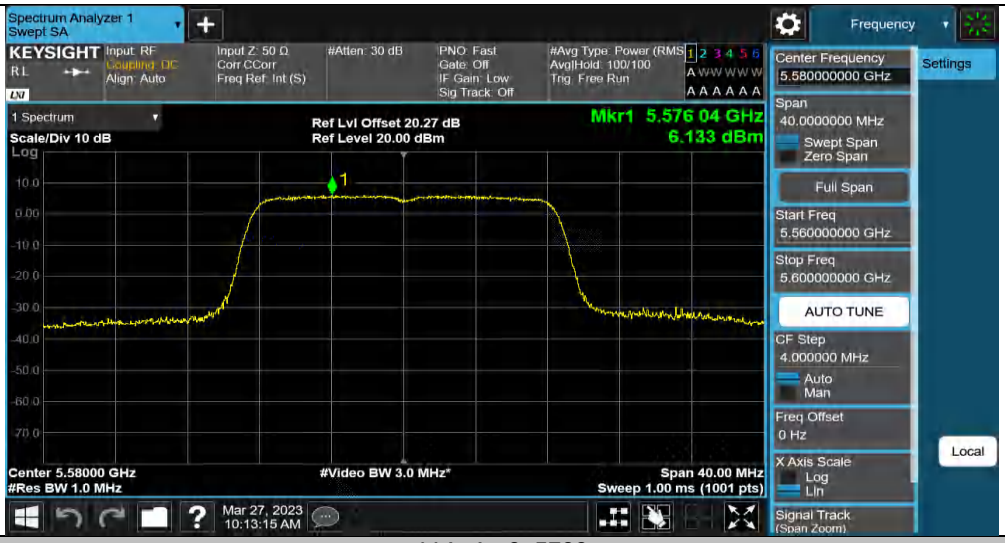

11A_Ant0_5500



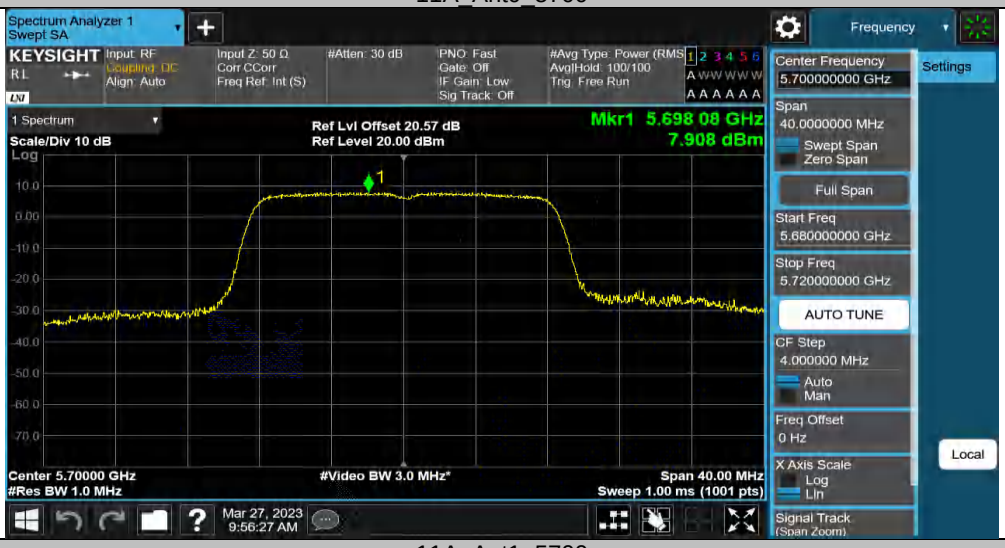

11A_Ant1_5500

11A_Ant0_5580

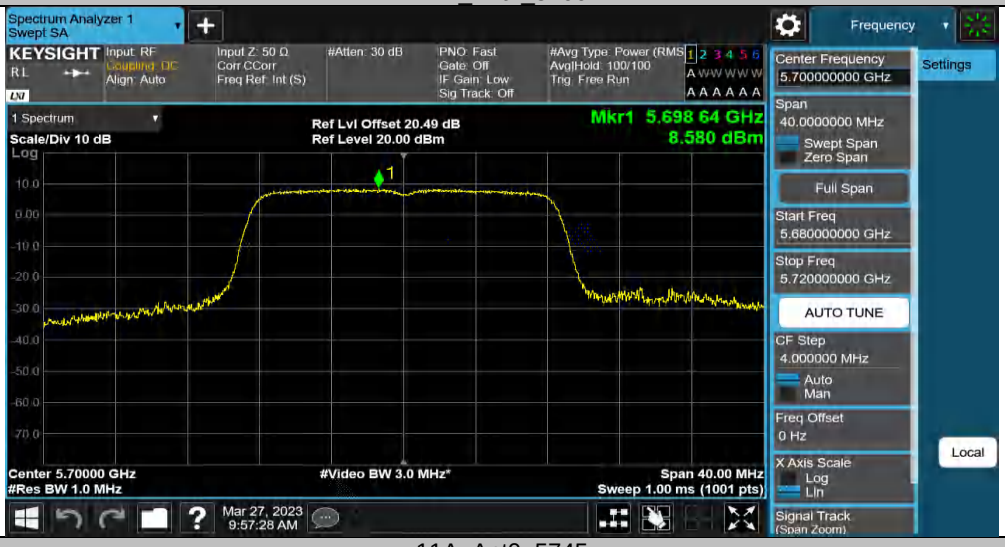
11A_Ant1_5580




11A_Ant0_5700




11A_Ant1_5700




11A_Ant0_5745

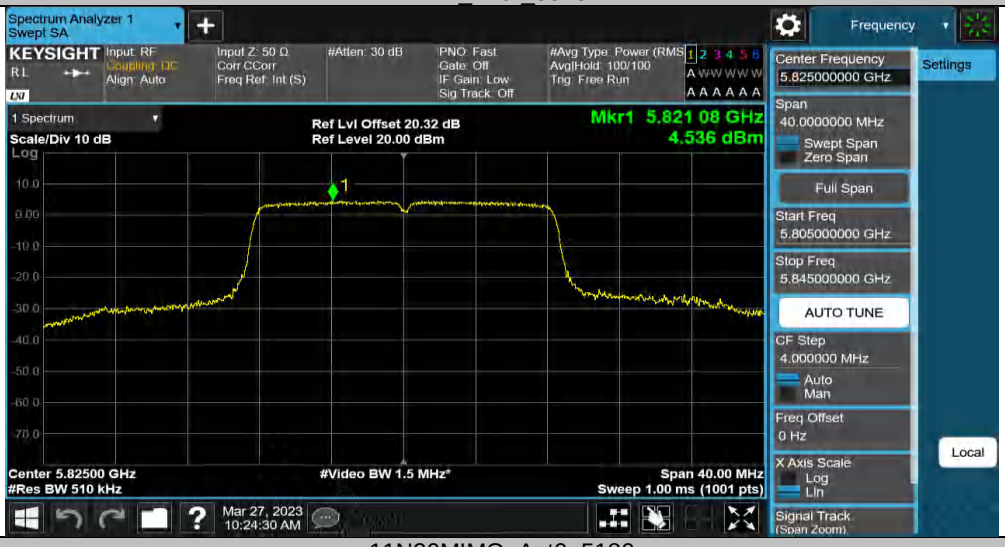
11A_Ant1_5745

11A_Ant0_5785

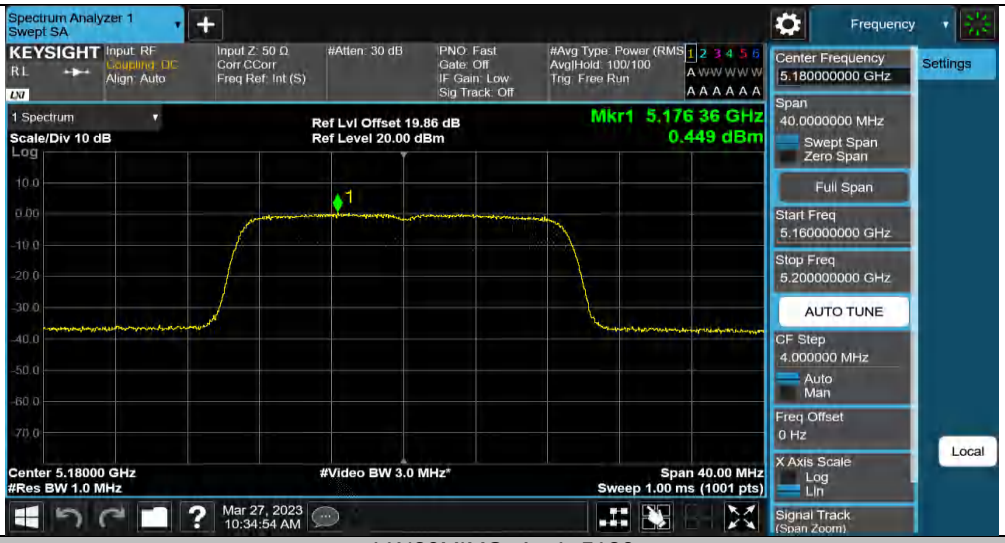
11A_Ant1_5785

11A_Ant0_5825

11A_Ant1_5825




11N20MIMO_Ant0_5180




11N20MIMO_Ant1_5180

11N20MIMO_Ant0_5200

11N20MIMO_Ant1_5200

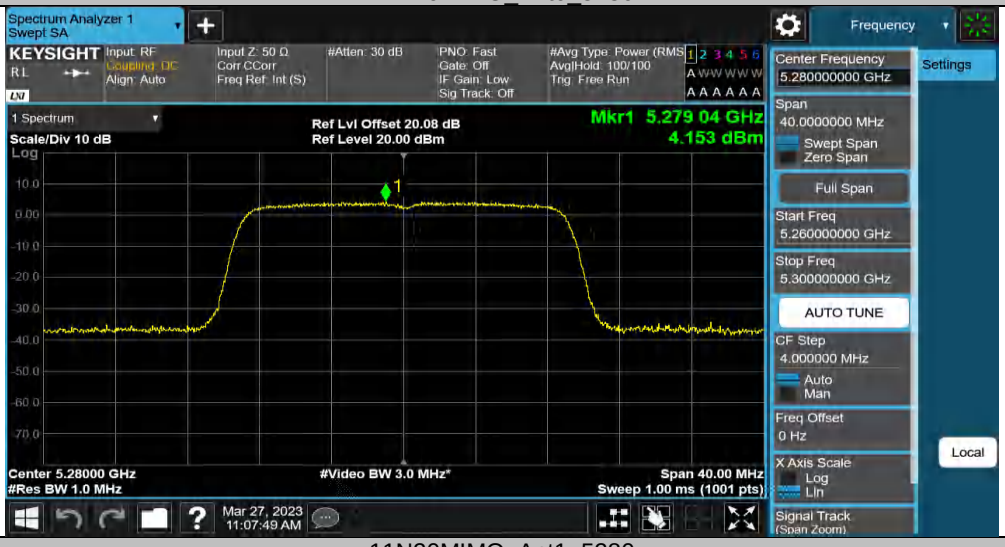
11N20MIMO_Ant0_5240

11N20MIMO_Ant1_5240

11N20MIMO_Ant0_5260

11N20MIMO_Ant1_5260

11N20MIMO_Ant0_5280




11N20MIMO_Ant1_5280

11N20MIMO_Ant0_5320

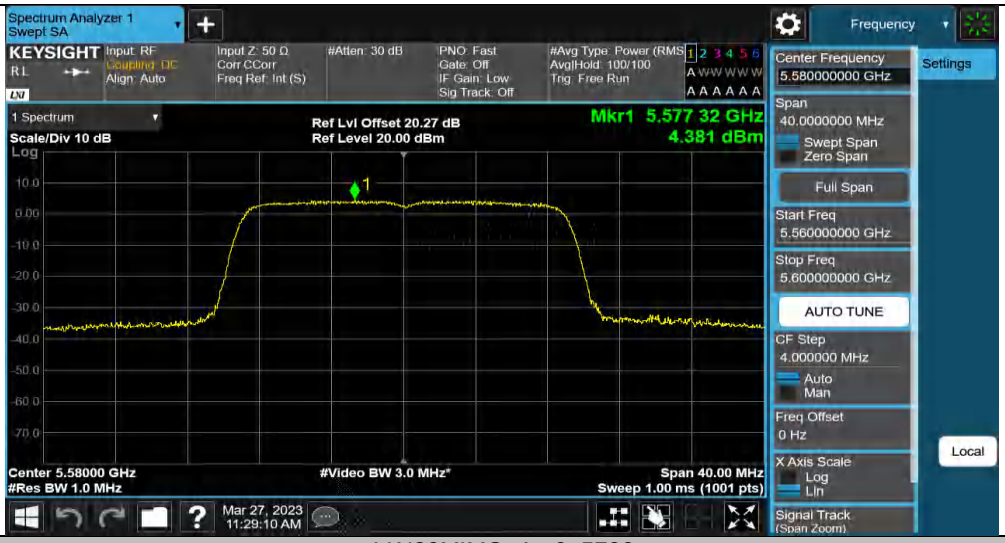
11N20MIMO_Ant1_5320

11N20MIMO_Ant0_5500

11N20MIMO_Ant1_5500

11N20MIMO_Ant0_5580

11N20MIMO_Ant1_5580



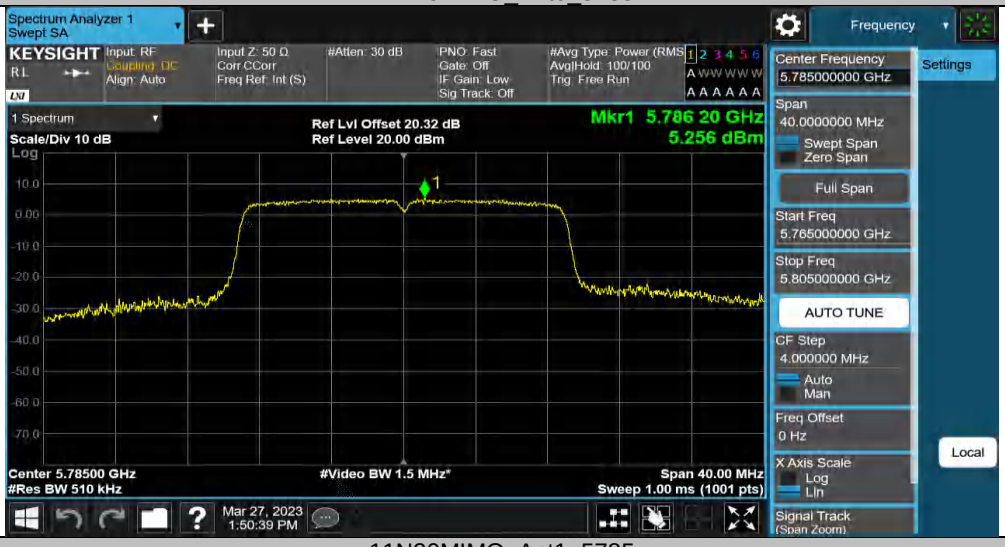

11N20MIMO_Ant0_5700

11N20MIMO_Ant1_5700

11N20MIMO_Ant0_5745

11N20MIMO_Ant1_5745

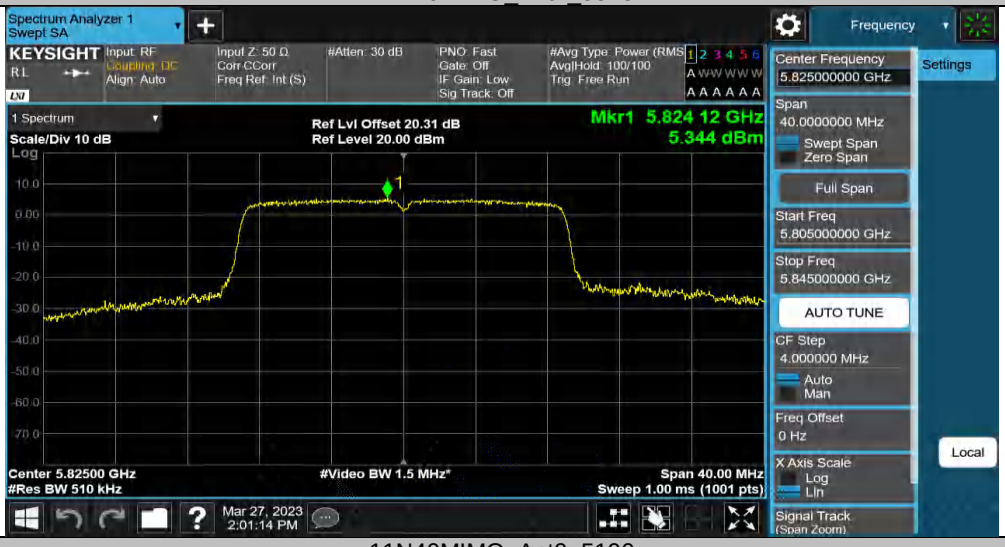
11N20MIMO_Ant0_5785



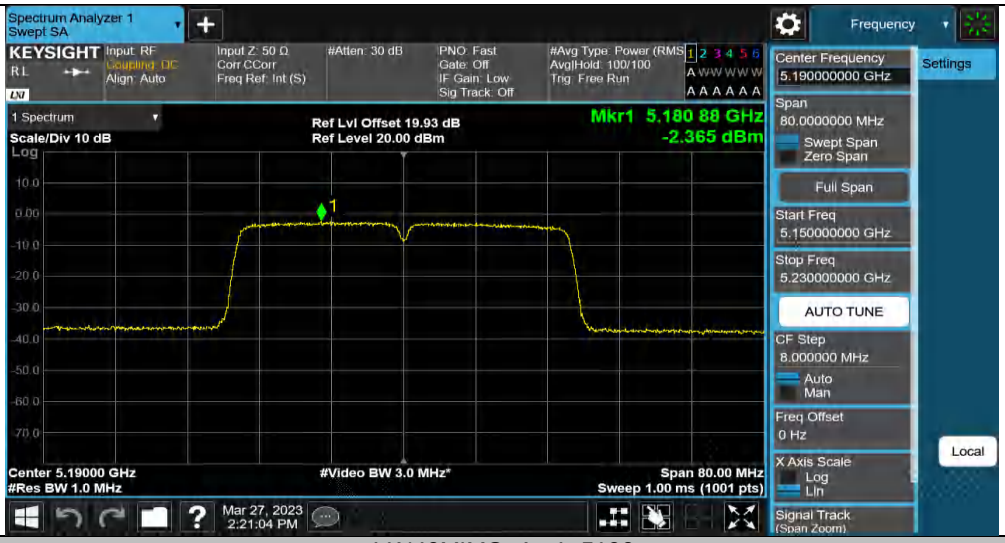

11N20MIMO_Ant1_5785

11N20MIMO_Ant0_5825

11N20MIMO_Ant1_5825



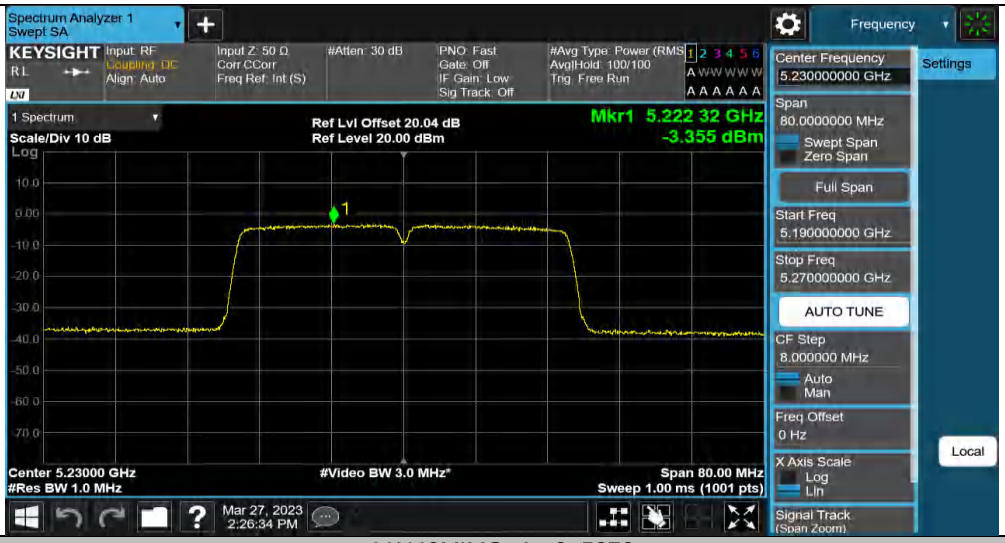

11N40MIMO_Ant0_5190




11N40MIMO_Ant1_5190

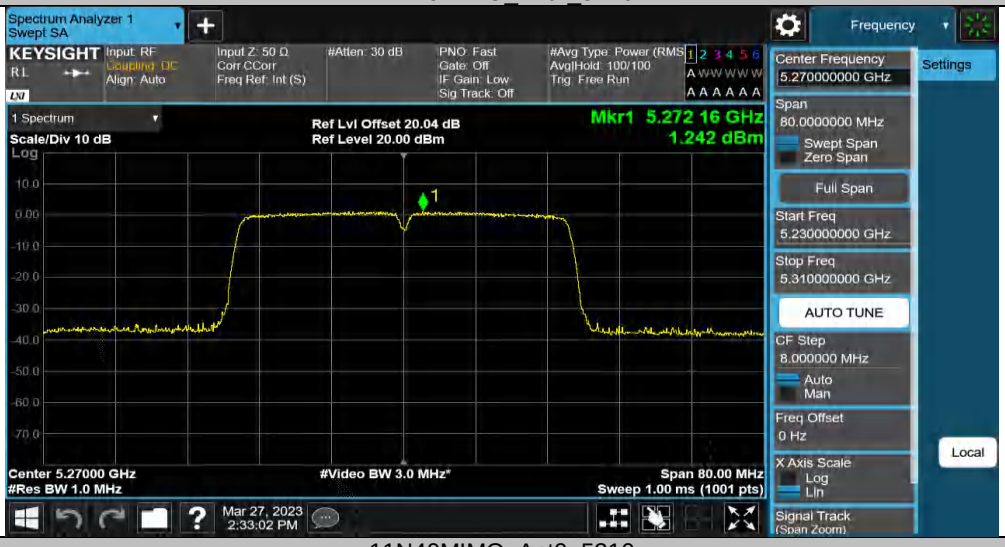
11N40MIMO_Ant0_5230

11N40MIMO_Ant1_5230




11N40MIMO_Ant0_5270

11N40MIMO_Ant1_5270

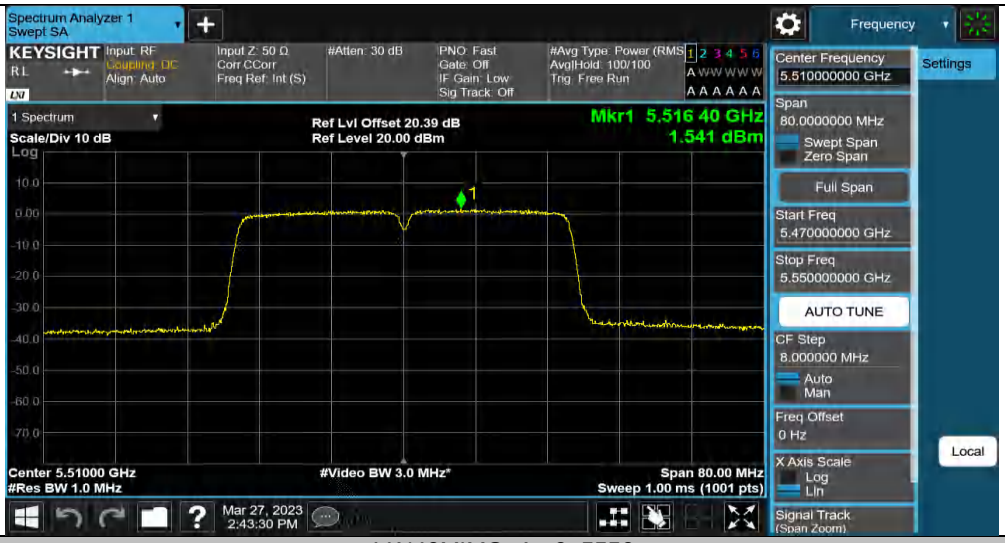



11N40MIMO_Ant0_5310

11N40MIMO_Ant1_5310

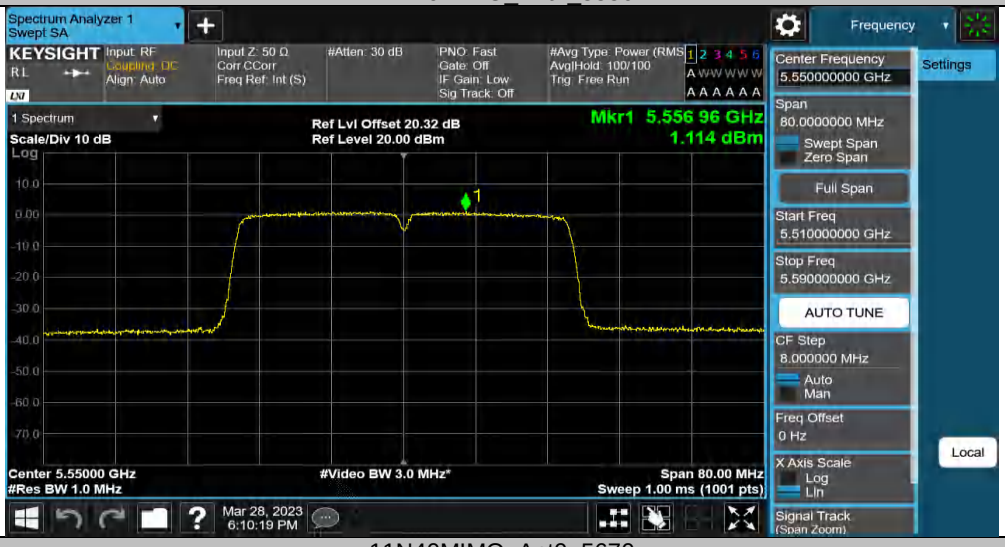
11N40MIMO_Ant0_5510

11N40MIMO_Ant1_5510




11N40MIMO_Ant0_5550

11N40MIMO_Ant1_5550




11N40MIMO_Ant0_5670

11N40MIMO_Ant1_5670

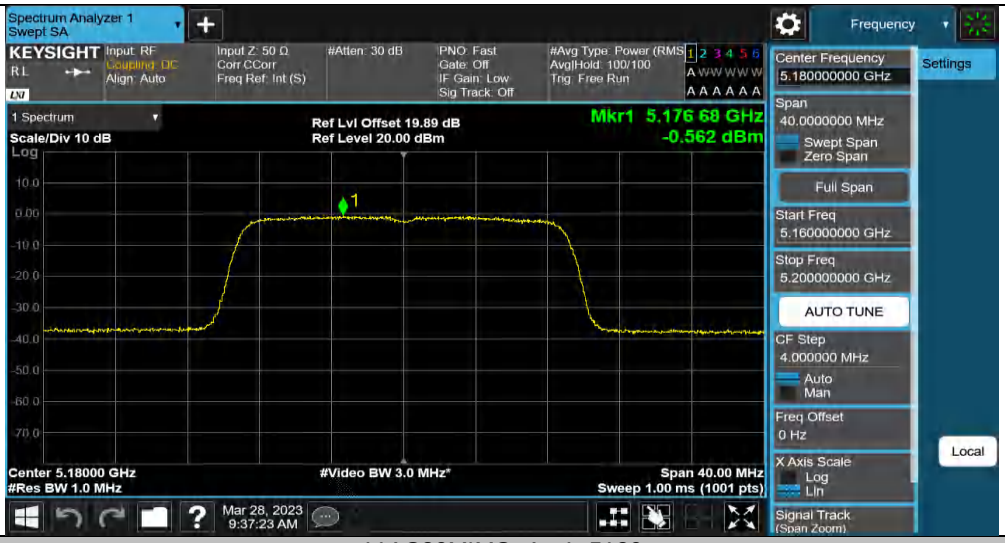
11N40MIMO_Ant0_5755

11N40MIMO_Ant1_5755

11N40MIMO_Ant0_5795

11N40MIMO_Ant1_5795

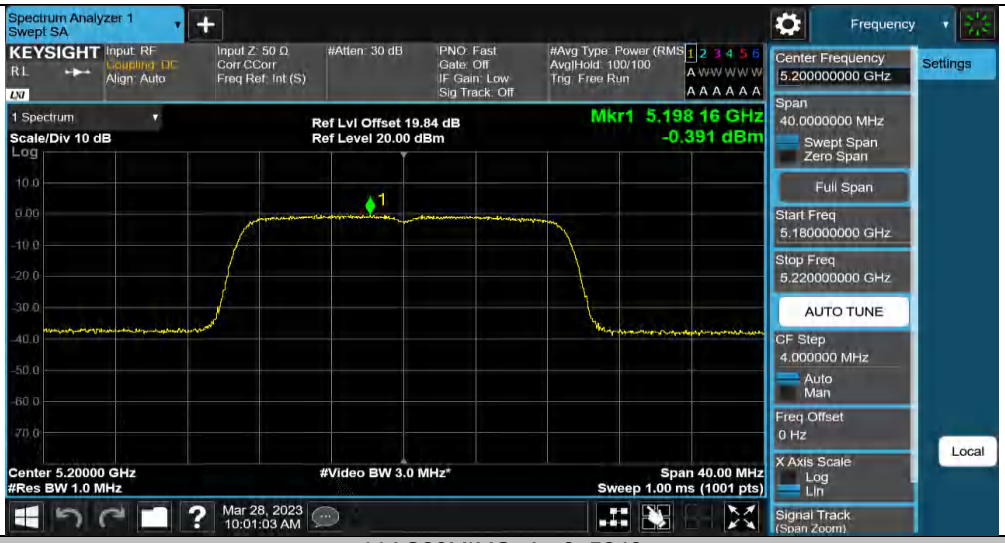
11AC20MIMO_Ant0_5180




11AC20MIMO_Ant1_5180

11AC20MIMO_Ant0_5200

11AC20MIMO_Ant1_5200




11AC20MIMO_Ant0_5240

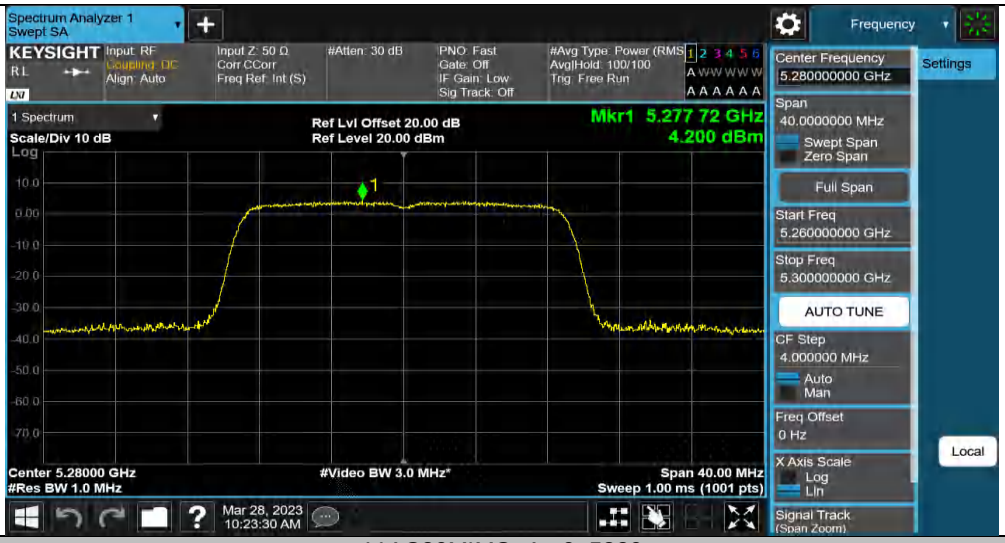
11AC20MIMO_Ant1_5240

11AC20MIMO_Ant0_5260

11AC20MIMO_Ant1_5260

11AC20MIMO_Ant0_5280

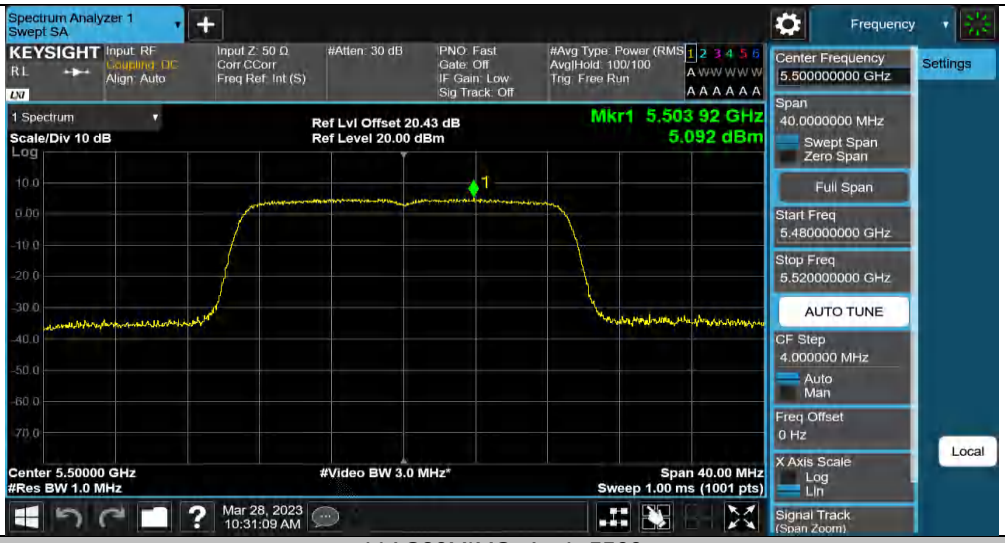
11AC20MIMO_Ant1_5280




11AC20MIMO_Ant0_5320

11AC20MIMO_Ant1_5320

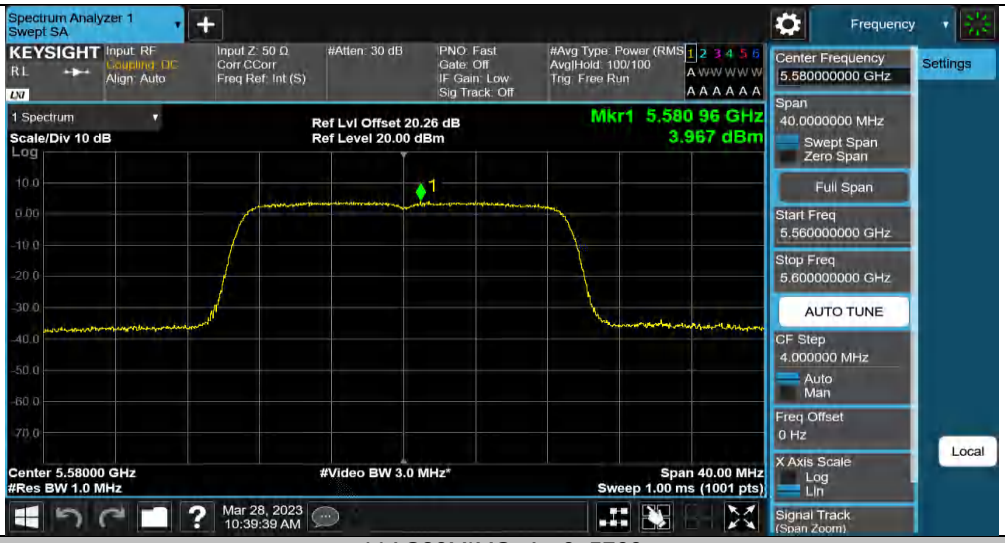
11AC20MIMO_Ant0_5500




11AC20MIMO_Ant1_5500

11AC20MIMO_Ant0_5580

11AC20MIMO_Ant1_5580



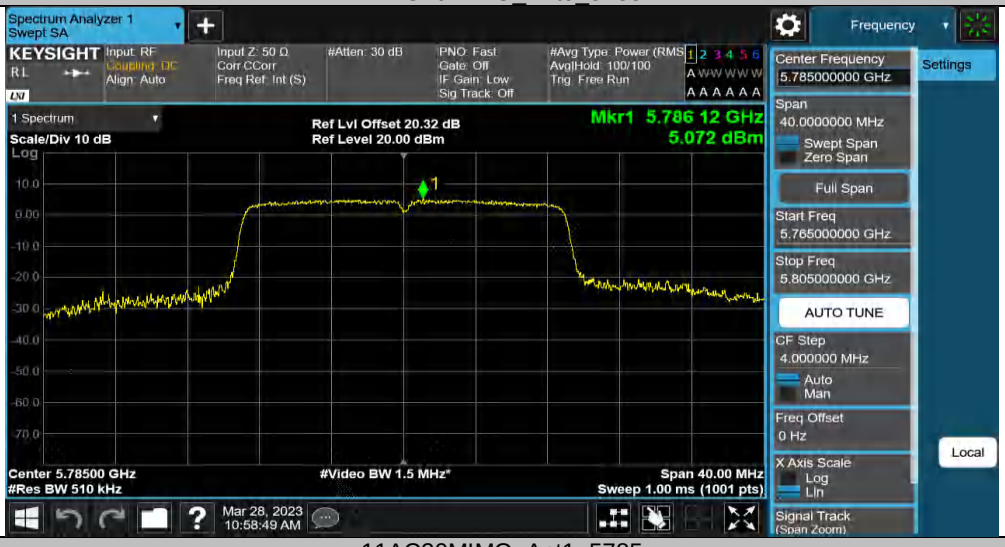

11AC20MIMO_Ant0_5700

11AC20MIMO_Ant1_5700

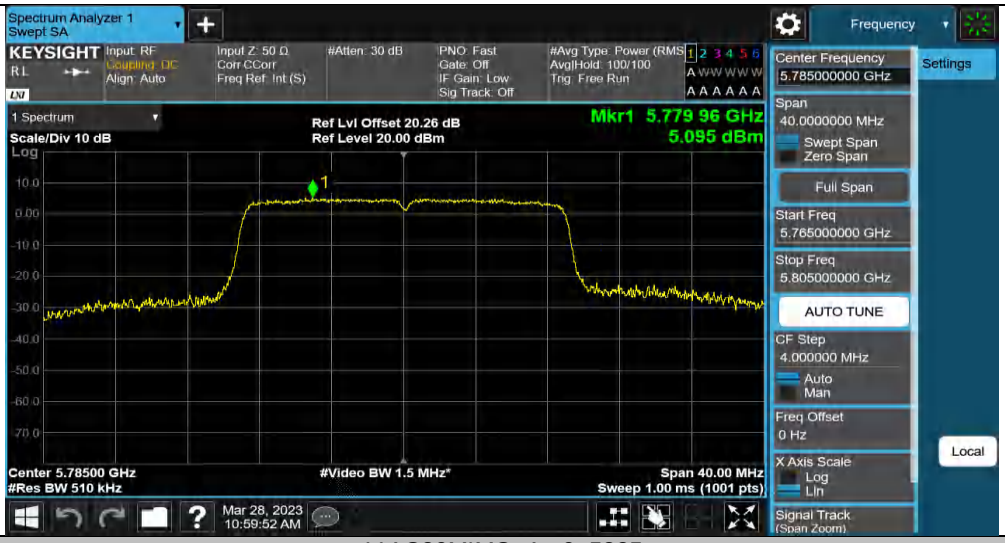
11AC20MIMO_Ant0_5745

11AC20MIMO_Ant1_5745

11AC20MIMO_Ant0_5785



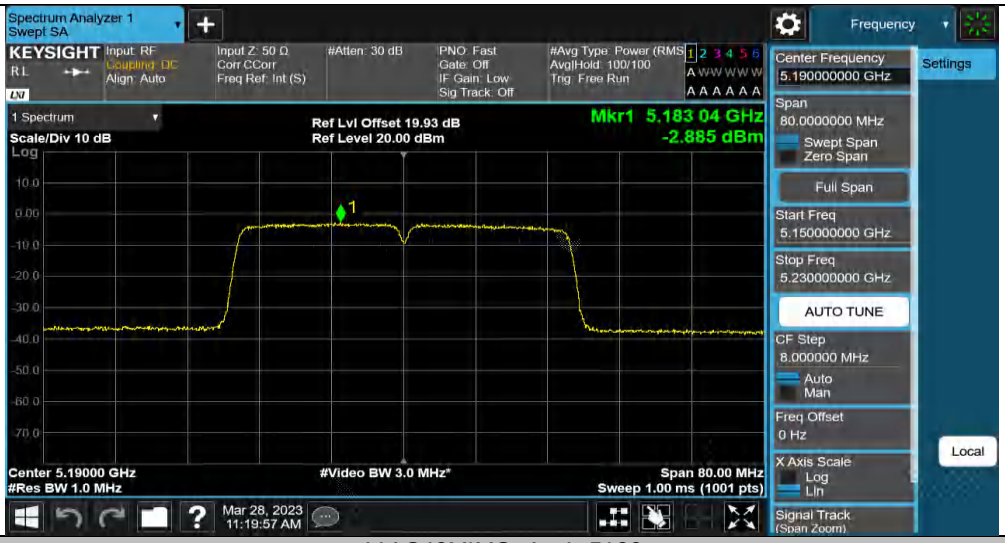

11AC20MIMO_Ant1_5785




11AC20MIMO_Ant0_5825

11AC20MIMO_Ant1_5825

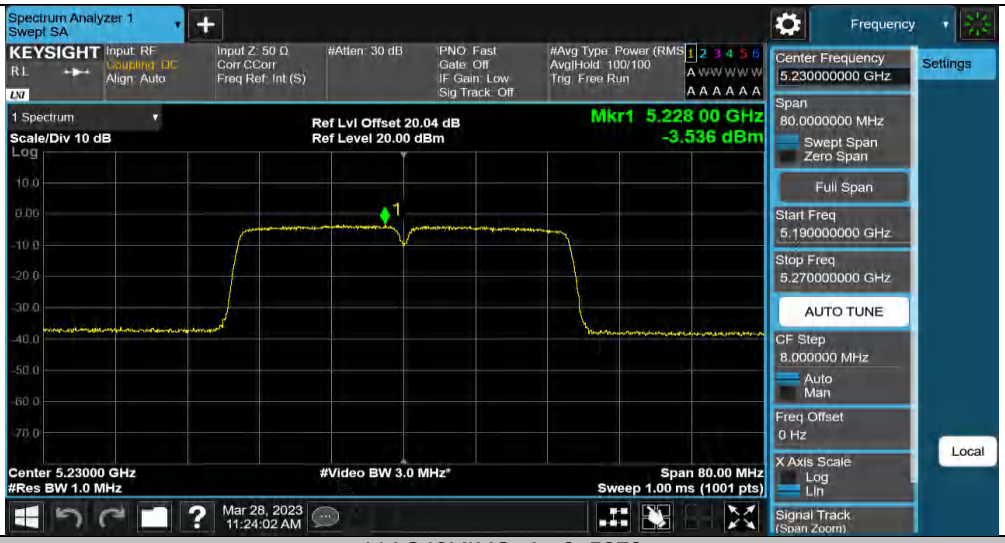
11AC40MIMO_Ant0_5190




11AC40MIMO_Ant1_5190

11AC40MIMO_Ant0_5230

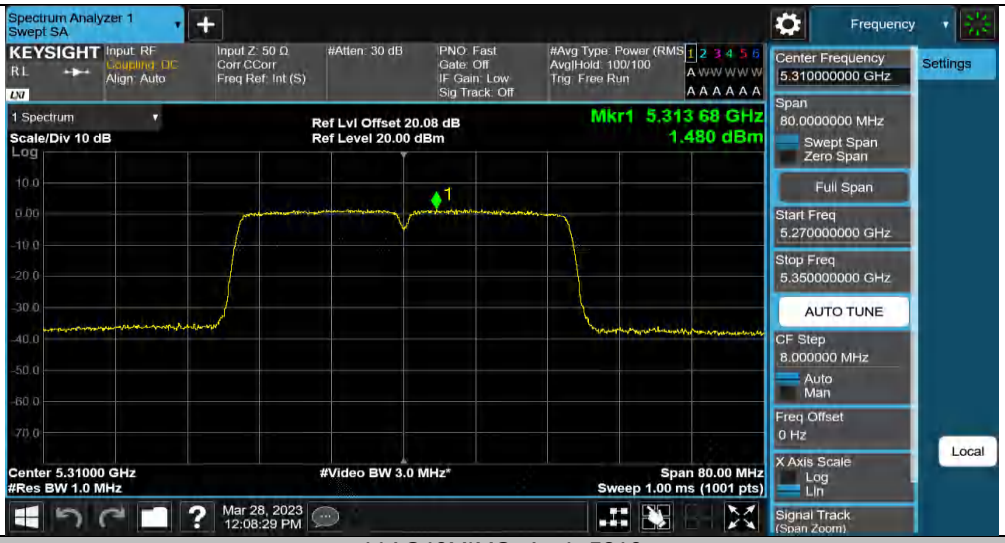
11AC40MIMO_Ant1_5230




11AC40MIMO_Ant0_5270

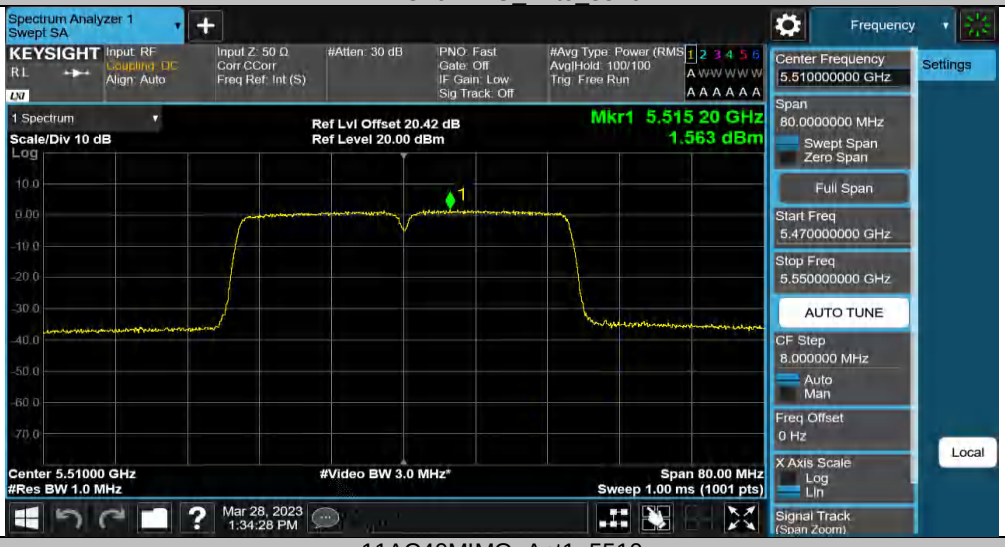
11AC40MIMO_Ant1_5270

11AC40MIMO_Ant0_5310

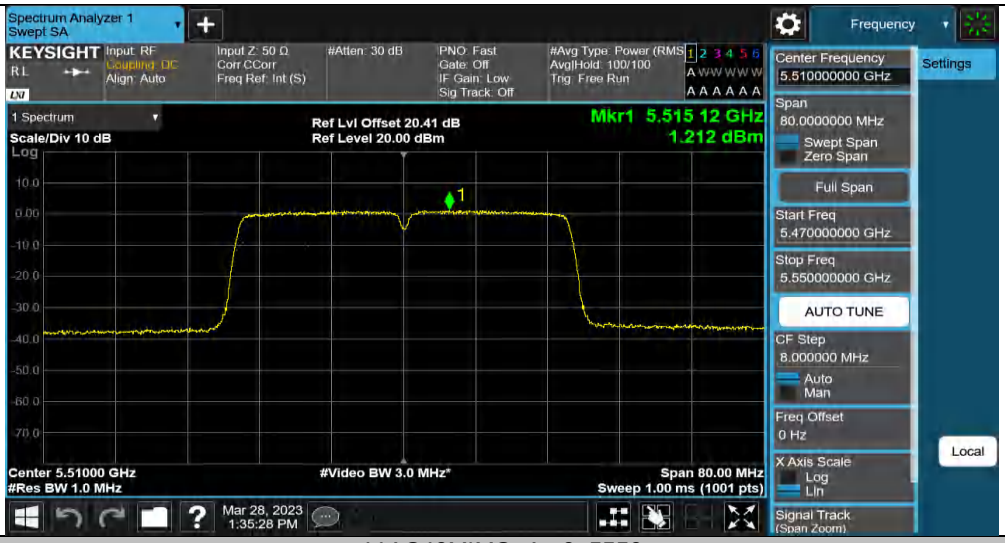



11AC40MIMO_Ant1_5310

11AC40MIMO_Ant0_5510

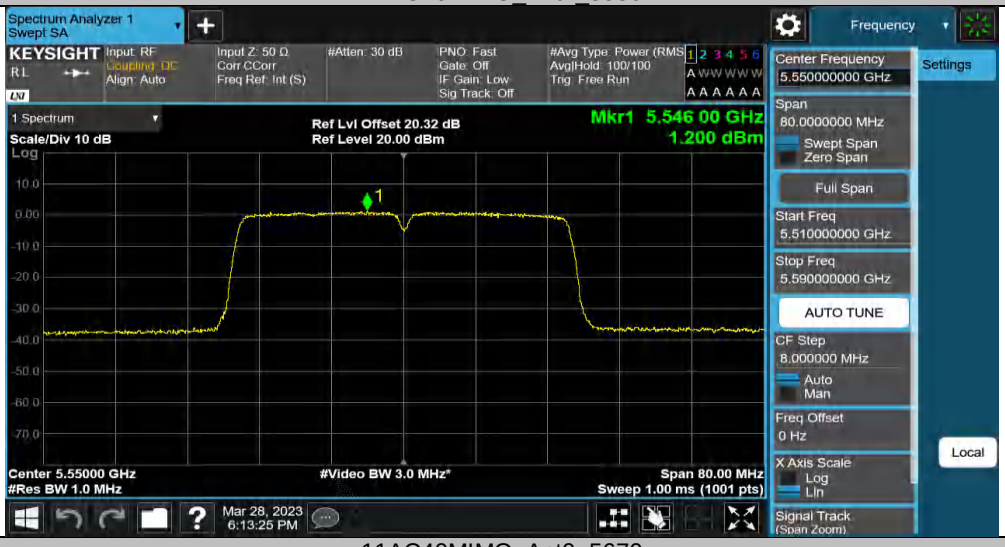



11AC40MIMO_Ant1_5510




11AC40MIMO_Ant0_5550

11AC40MIMO_Ant1_5550




11AC40MIMO_Ant0_5670

11AC40MIMO_Ant1_5670

11AC40MIMO_Ant0_5755

11AC40MIMO_Ant1_5755

11AC40MIMO_Ant0_5795

11AC40MIMO_Ant1_5795

11AC80MIMO_Ant0_5210

11AC80MIMO_Ant1_5210

11AC80MIMO_Ant0_5290

11AC80MIMO_Ant1_5290

11AC80MIMO_Ant0_5530

11AC80MIMO_Ant1_5530

11AC80MIMO_Ant0_5610

11AC80MIMO_Ant1_5610

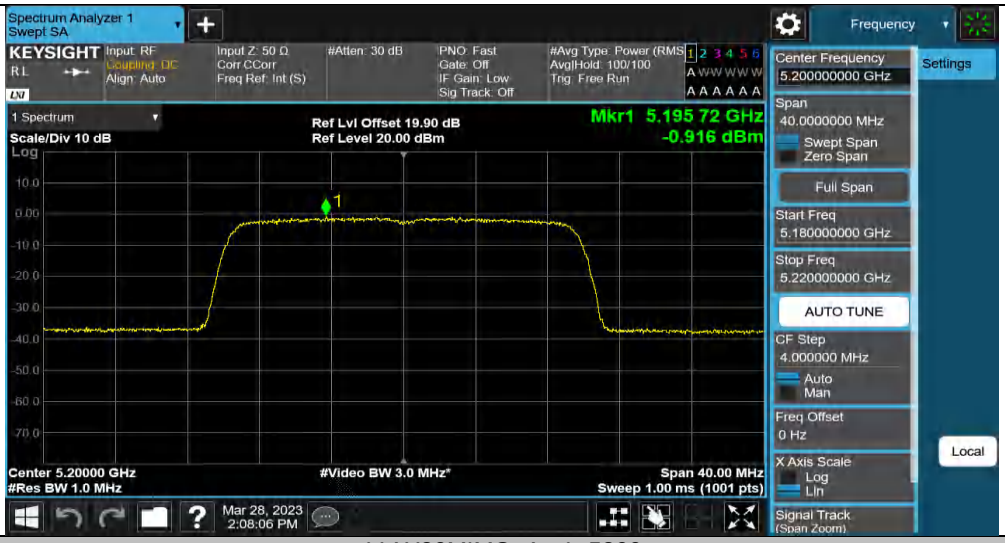
11AC80MIMO_Ant0_5775

11AC80MIMO_Ant1_5775

11AX20MIMO_Ant0_5180

11AX20MIMO_Ant1_5180

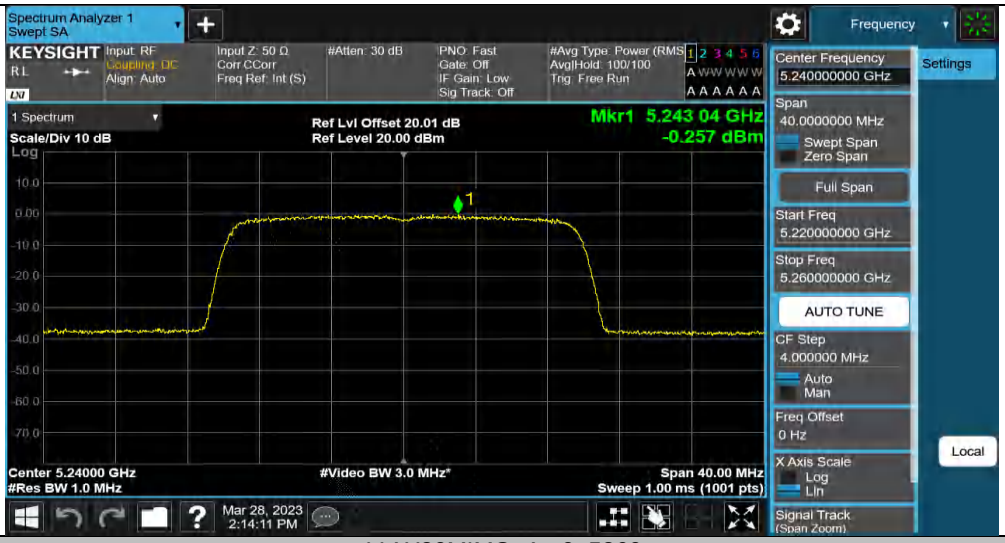
11AX20MIMO_Ant0_5200




11AX20MIMO_Ant1_5200

11AX20MIMO_Ant0_5240

11AX20MIMO_Ant1_5240




11AX20MIMO_Ant0_5260

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11AX20MIMO_Ant0_5280

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11AX20MIMO_Ant0_5320

11AX20MIMO_Ant1_5320

11AX20MIMO_Ant0_5500

11AX20MIMO_Ant1_5500

11AX20MIMO_Ant0_5580

11AX20MIMO_Ant1_5580

11AX20MIMO_Ant0_5700

11AX20MIMO_Ant1_5700

11AX20MIMO_Ant0_5745

11AX20MIMO_Ant1_5745

11AX20MIMO_Ant0_5785

11AX20MIMO_Ant1_5785

11AX20MIMO_Ant0_5825

11AX20MIMO_Ant1_5825

11AX40MIMO_Ant0_5190

11AX40MIMO_Ant1_5190

11AX40MIMO_Ant0_5230

11AX40MIMO_Ant1_5230

11AX40MIMO_Ant0_5270

11AX40MIMO_Ant1_5270