



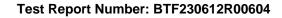
2. Maximum Conducted Output Power

2.1 Power

2.1.1 Test Result

MAIN Ant1

| Band | Channel | Frequency (MHz) | Total Power (dBm) | Limit (dBm) | Verdict |
|------|--|------------------|-------------------|-------------|---------|
| | | 20MHz(IEEE 802.1 | 1a/n/ac/ax)-worst | | |
| | Low | 5180 | 10.68 | 24 | Pass |
| 1 | High | 5240 | 11.85 | 24 | Pass |
| 0 | Low | 5260 | 12.15 | 24 | Pass |
| 2 | High | 5320 | 10.29 | 24 | Pass |
| 0 | Low | 5500 | 10.17 | 24 | Pass |
| 3 | High | 5700 | 9.97 | 24 | Pass |
| 4 | Low | 5745 | 12.51 | 30 | Pass |
| 4 | High | 5825 | 12.32 | 30 | Pass |
| | | 40MHz(IEEE 802. | 11n/ac/ax)-worst | | |
| 4 | Low | 5190 | 7.96 | 24 | Pass |
| 1 | High | 5230 | 12.25 | 24 | Pass |
| 0 | Low | 5270 | 12.27 | 24 | Pass |
| 2 | High | 5310 | 10.11 | 24 | Pass |
| 0 | Low | 5510 | 9.41 | 24 | Pass |
| 3 | High | 5670 | 12.42 | 24 | Pass |
| | Low | 5755 | 12.57 | 30 | Pass |
| 4 | High | 5795 | 12.55 | 30 | Pass |
| | | 80MHz(IEEE 802 | 2.11ac/ax)-worst | | |
| 1 | Low | 5210 | 10.19 | 24 | Pass |
| 2 | Low | 5290 | 9.83 | 24 | Pass |
| 0 | Low | 5530 | 9.88 | 24 | Pass |
| 3 | High | 5610 | 12.16 | 24 | Pass |
| 4 | Low | 5775 | 12.06 | 30 | Pass |
| | de la companya de la | 160MHz(IEEE 8 | 02.11ax)-worst | I . | |
| 1 | Low | 5250 | 7.39 | 24 | Pass |
| 3 | High | 5570 | 6.91 | 24 | Pass |



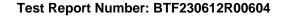


AUX Ant2

| Band | Channel | Frequency (MHz) | Total Power (dBm) | Limit (dBm) | Verdict |
|------|---------|-----------------|-------------------|-------------|---------|
| | | | 1a/n/ac/ax)-worst | | |
| _ | Low | 5180 | 6.84 | 24 | Pass |
| 1 | High | 5240 | 7.17 | 24 | Pass |
| 0 | Low | 5260 | 9 | 24 | Pass |
| 2 | High | 5320 | 7.08 | 24 | Pass |
| 0 | Low | 5500 | 5.74 | 24 | Pass |
| 3 | High | 5700 | 6.79 | 24 | Pass |
| | Low | 5745 | 9.03 | 30 | Pass |
| 4 | High | 5825 | 8.57 | 30 | Pass |
| | | 40MHz(IEEE 802. | 11n/ac/ax)-worst | | |
| | Low | 5190 | 5.36 | 24 | Pass |
| 1 | High | 5230 | 9.65 | 24 | Pass |
| 0 | Low | 5270 | 9.25 | 24 | Pass |
| 2 | High | 5310 | 6.96 | 24 | Pass |
| 0 | Low | 5510 | 6.45 | 24 | Pass |
| 3 | High | 5670 | 9.13 | 24 | Pass |
| 4 | Low | 5755 | 9.09 | 30 | Pass |
| | High | 5795 | 8.97 | 30 | Pass |
| | | 80MHz(IEEE 802 | 2.11ac/ax)-worst | | |
| 1 | Low | 5210 | 7.56 | 24 | Pass |
| 2 | Low | 5290 | 6.91 | 24 | Pass |
| 0 | Low | 5530 | 6.36 | 24 | Pass |
| 3 | High | 5610 | 9 | 24 | Pass |
| 4 | Low | 5775 | 9.23 | 30 | Pass |
| | | 160MHz(IEEE 8 | 02.11ax)-worst | | |
| 1 | Low | 5250 | 6.6 | 24 | Pass |
| 3 | High | 5570 | 7.3 | 24 | Pass |
| | | | 1 | 1 | |

MiMO Mode

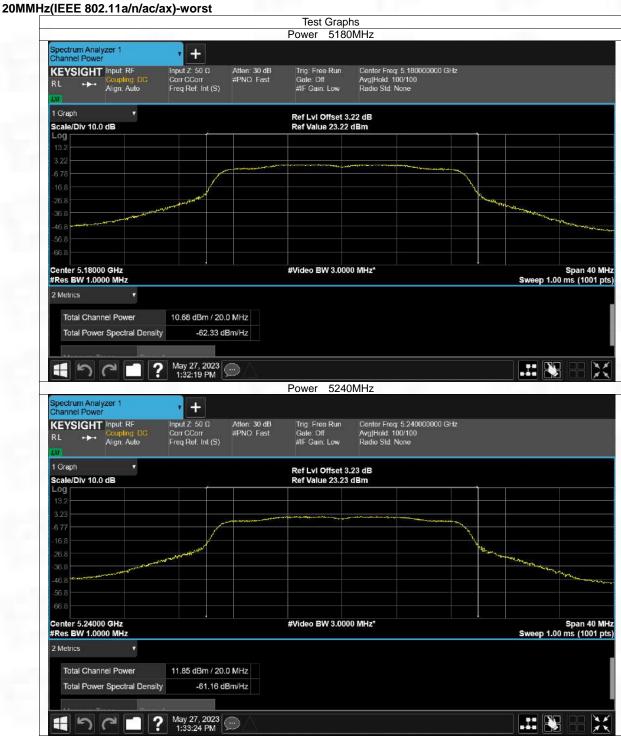
| Band | Channel | Frequency (MHz) | Total Power (dBm) | Limit (dBm) | Verdic |
|------|---------|-----------------|-------------------|-------------|--------|
| | | 20MHz(IEEE 802. | 11n/ac/ax)-worst | | |
| | Low | 5180 | 12.18 | 24 | Pass |
| 1 | High | 5240 | 13.12 | 24 | Pass |
| 2 | Low | 5260 | 13.86 | 24 | Pass |
| 2 | High | 5320 | 11.99 | 24 | Pass |
| _ | Low | 5500 | 11.51 | 24 | Pass |
| 3 | High | 5700 | 11.68 | 24 | Pass |
| 4 | Low | 5745 | 14.12 | 30 | Pass |
| 4 | High | 5825 | 13.85 | 30 | Pass |
| | | 40MHz(IEEE 802. | 11n/ac/ax)-worst | | |
| | Low | 5190 | 9.86 | 24 | Pass |
| 1 | High | 5230 | 14.15 | 24 | Pass |
| 0 | Low | 5270 | 14.03 | 24 | Pass |
| 2 | High | 5310 | 11.82 | 24 | Pass |
| _ | Low | 5510 | 11.19 | 24 | Pass |
| 3 | High | 5670 | 14.09 | 24 | Pass |
| 4 | Low | 5755 | 14.18 | 30 | Pass |
| | High | 5795 | 14.13 | 30 | Pass |
| | | 80MHz(IEEE 802 | 2.11ac/ax)-worst | | |
| 1 | Low | 5210 | 12.08 | 24 | Pass |
| 2 | Low | 5290 | 11.62 | 24 | Pass |
| 3 | Low | 5530 | 11.48 | 24 | Pass |
| | High | 5610 | 13.87 | 24 | Pass |
| 4 | Low | 5775 | 13.88 | 30 | Pass |
| | 1 | 160MHz(IEEE 8 | 02.11ax)-worst | ı | |
| 1 | Low | 5250 | 10.02 | 24 | Pass |
| 3 | High | 5570 | 10.12 | 24 | Pass |



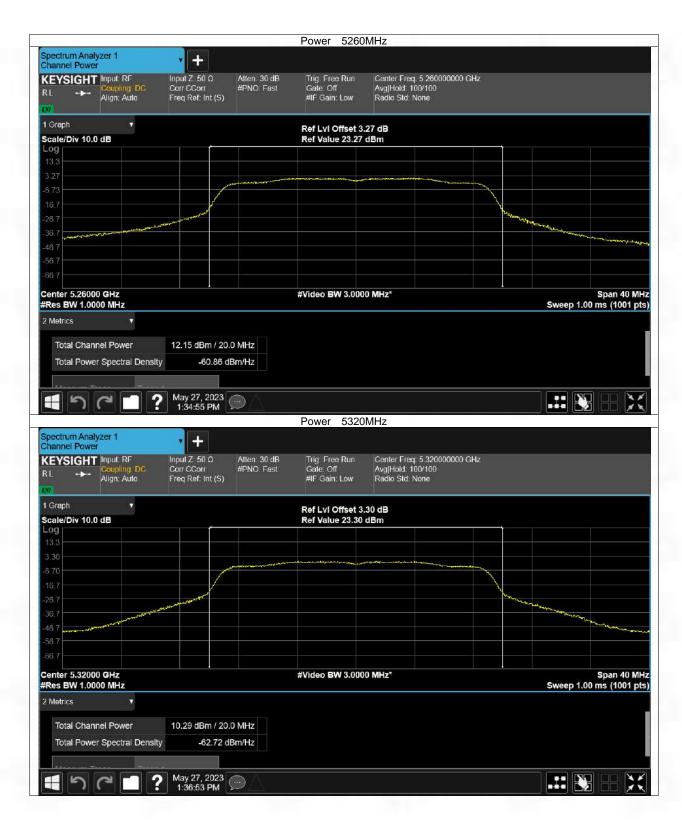


2.1.2 Test Graph

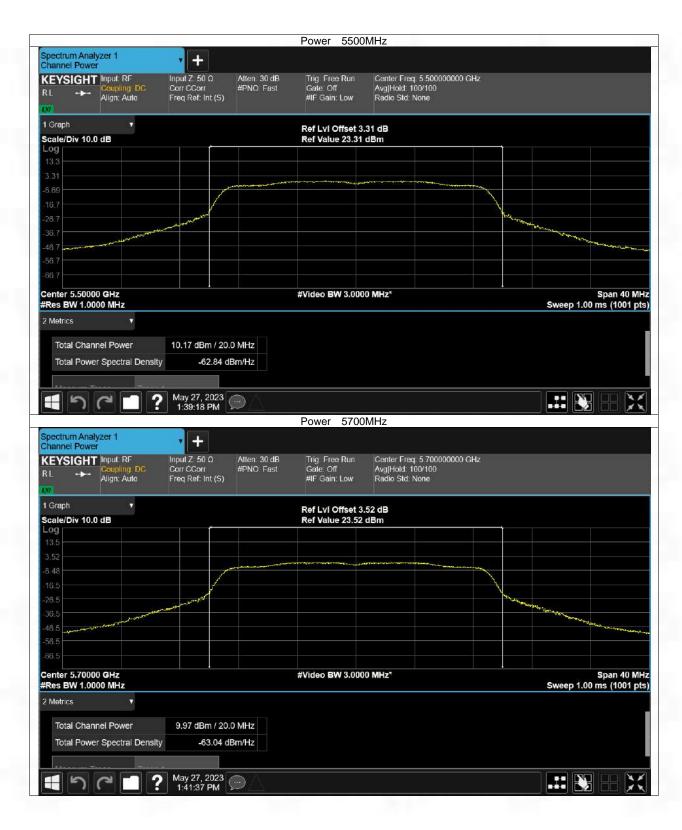
MAIN Ant1



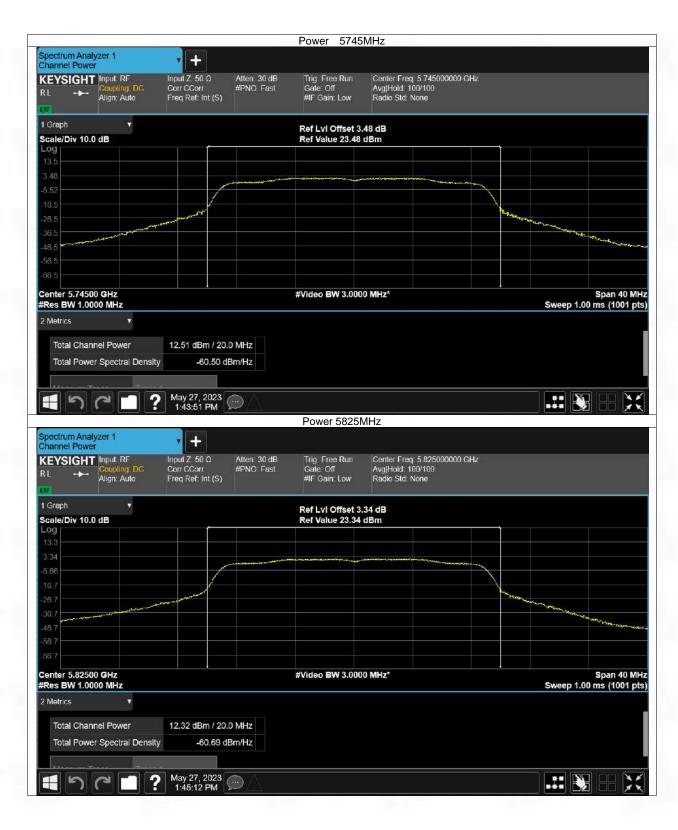




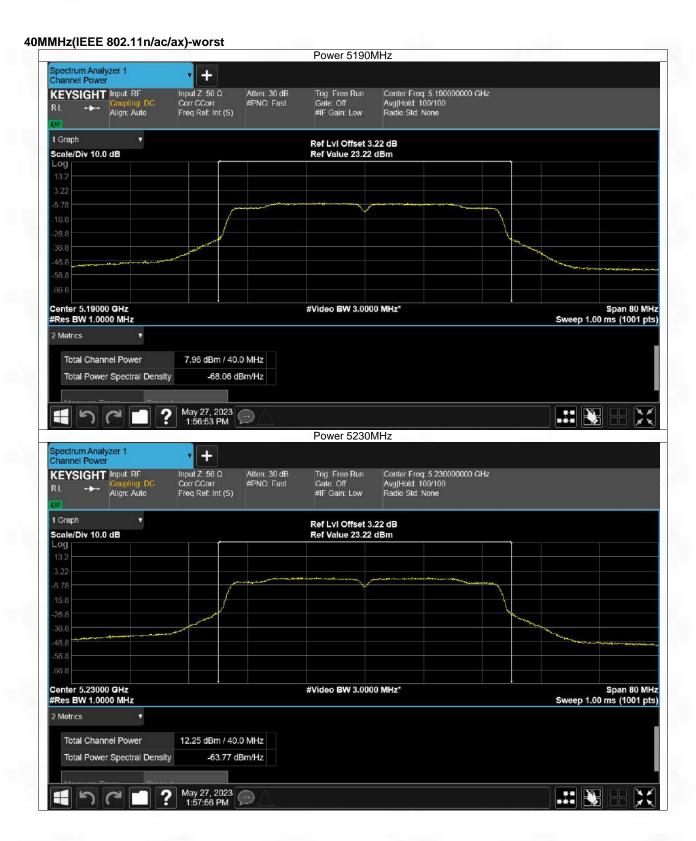








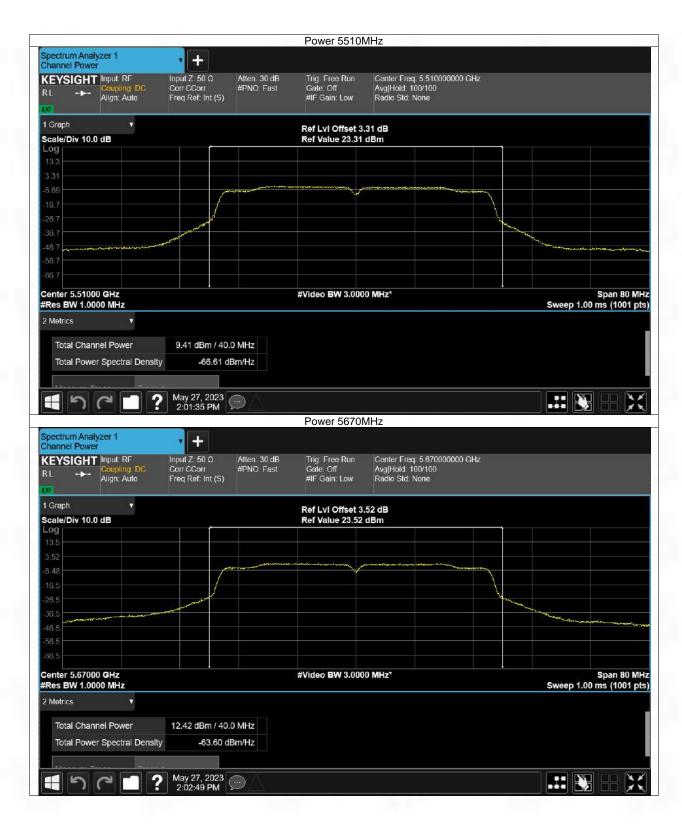




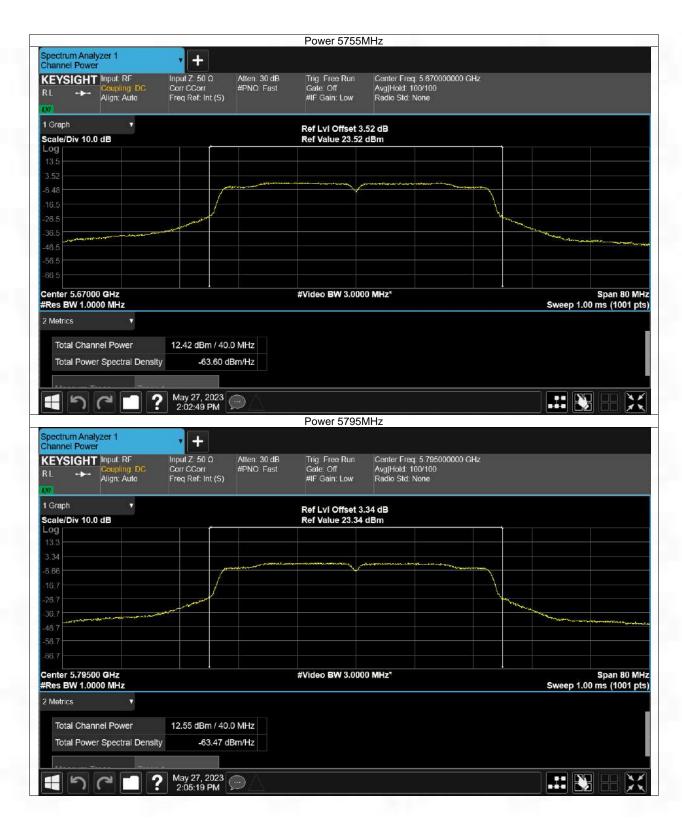
















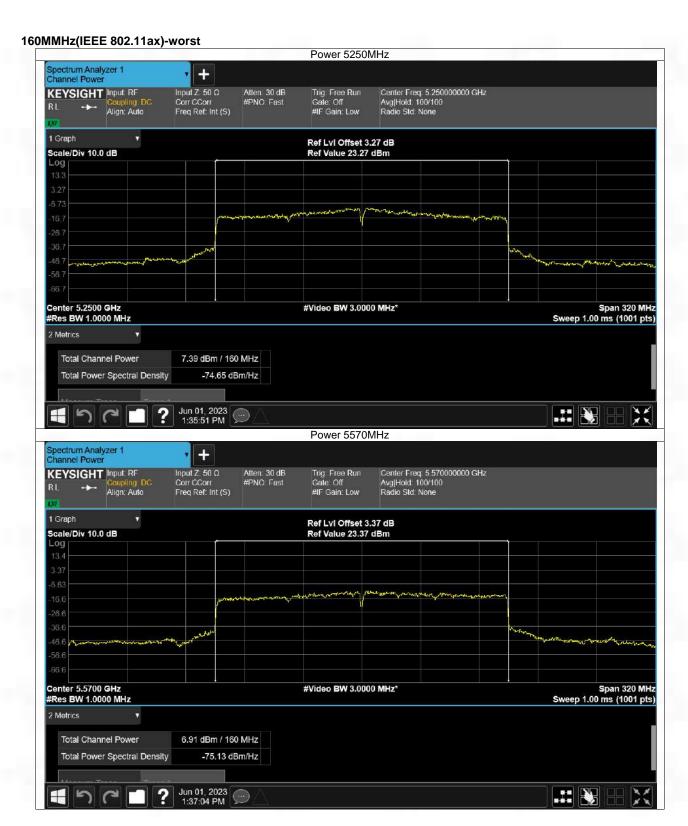


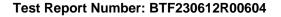










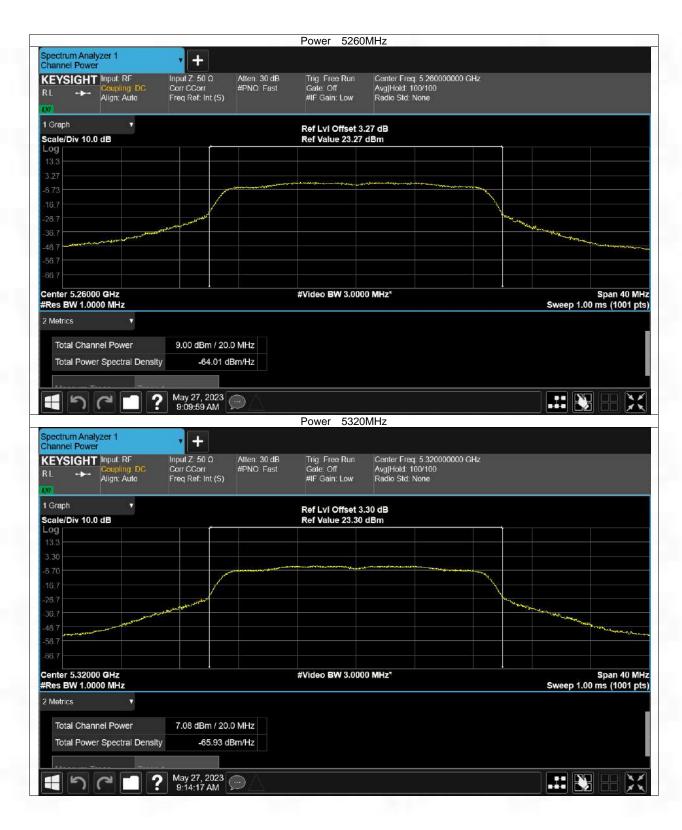




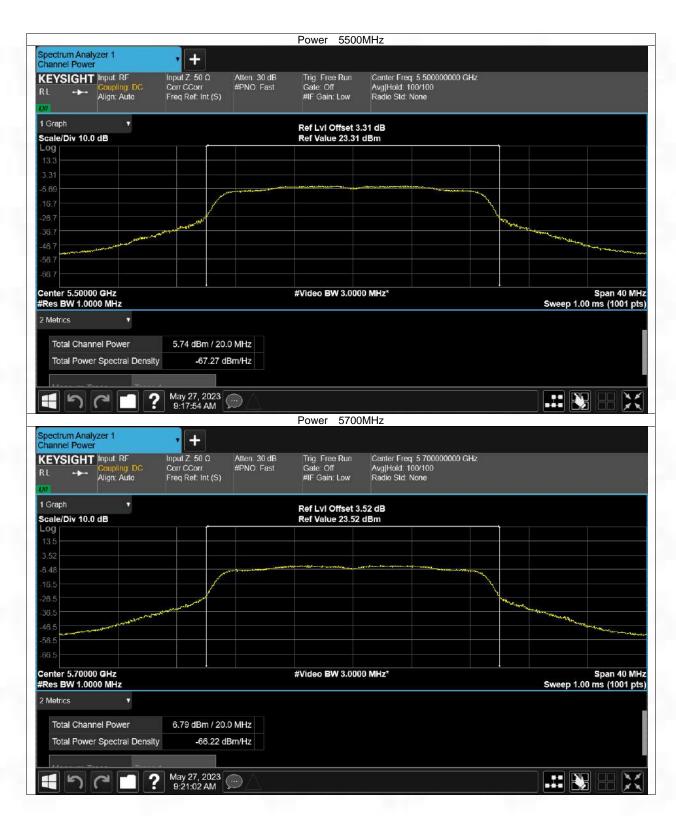
AUX Ant2



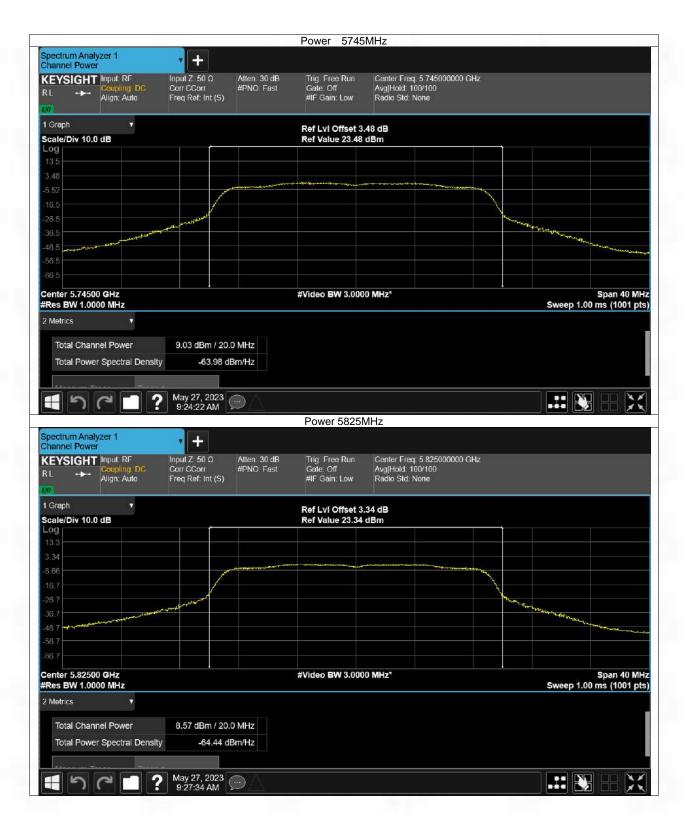








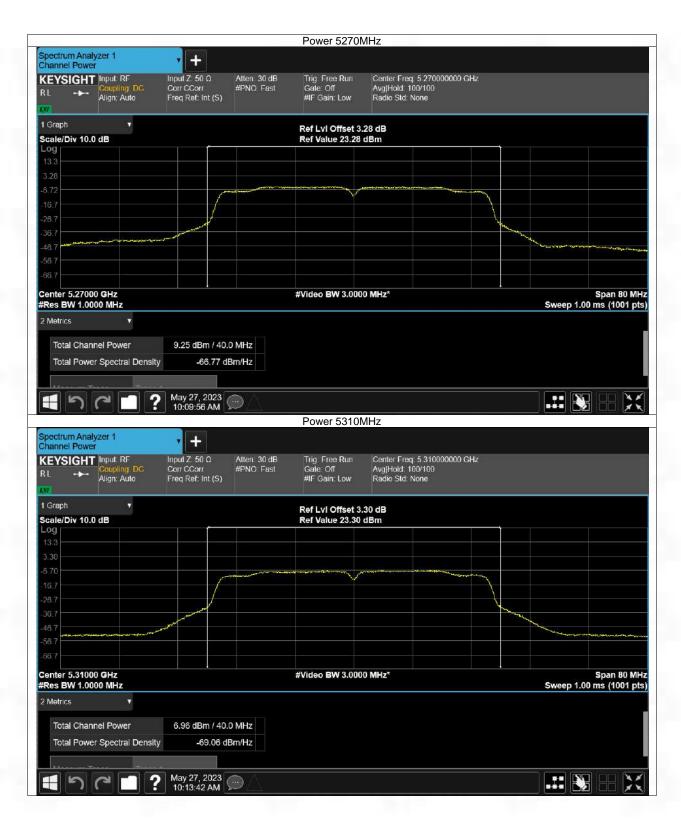




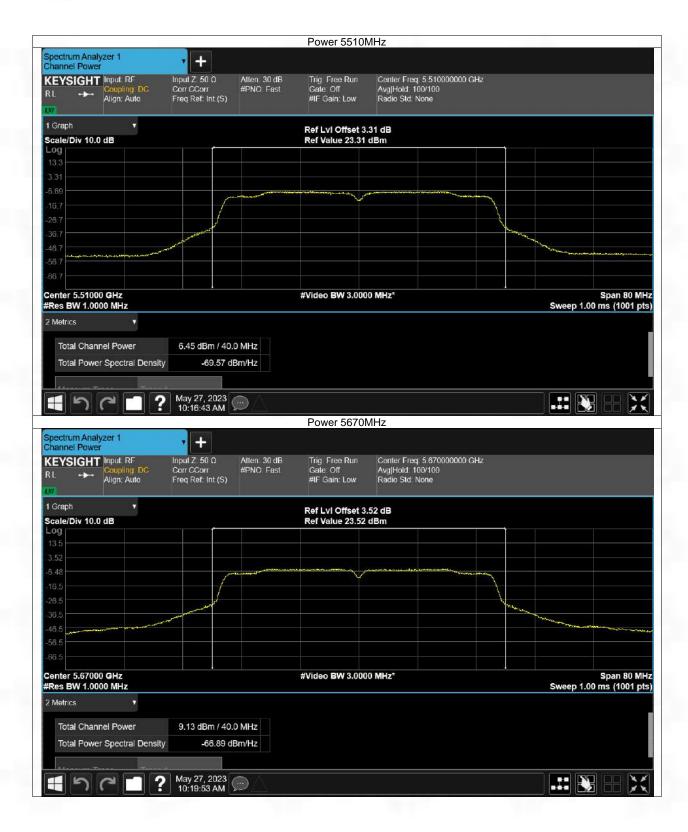




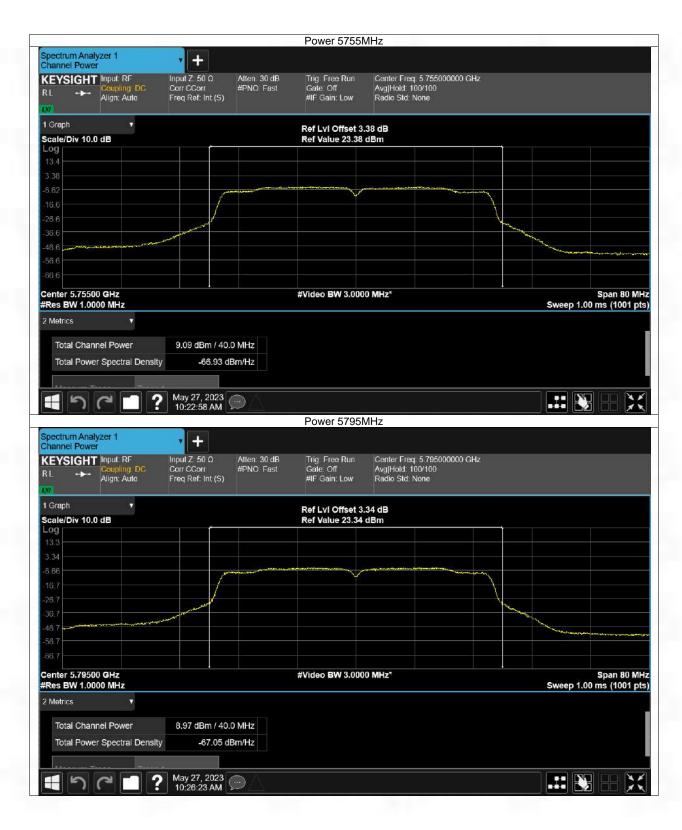
















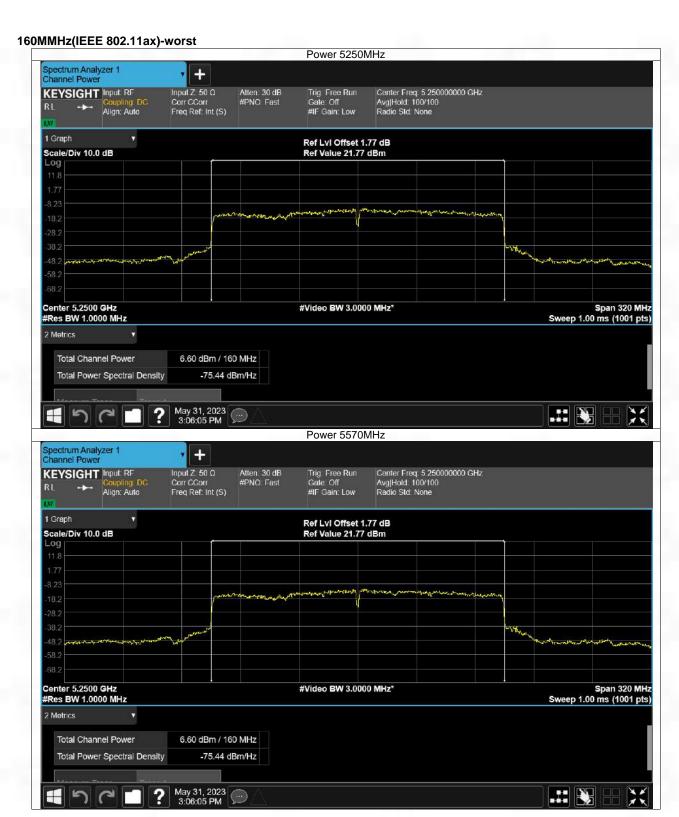


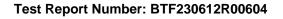














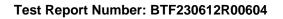
3. Maximum Power Spectral Density

3.1 PSD

3.1.1 Test Result

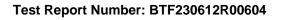
MAIN Ant1

| WAINAIR | | | | | | | |
|---------|---------|------------------|-------------------|-------------|---------|--|--|
| Band | Channel | Frequency (MHz) | Total PSD (dBm) | Limit (dBm) | Verdict | | |
| | | 20MHz(IEEE 802.1 | 1a/n/ac/ax)-worst | | | | |
| 1 | Low | 5180 | -2.19 | 11 | Pass | | |
| 1 | High | 5240 | -1.52 | 11 | Pass | | |
| 0 | Low | 5260 | -1.29 | 11 | Pass | | |
| 2 | High | 5320 | -2.83 | 11 | Pass | | |
| 0 | Low | 5500 | -2.91 | 11 | Pass | | |
| 3 | High | 5700 | -2.45 | 11 | Pass | | |
| | Low | 5745 | -3.72 | 30 | Pass | | |
| 4 | High | 5825 | -4.21 | 30 | Pass | | |
| | | 40MHz(IEEE 802. | 11n/ac/ax)-worst | | | | |
| 4 | Low | 5190 | -12.48 | 11 | Pass | | |
| 1 | High | 5230 | -9.16 | 11 | Pass | | |
| 2 | Low | 5270 | -7.21 | 11 | Pass | | |
| 2 | High | 5310 | -10.26 | 11 | Pass | | |
| 2 | Low | 5510 | -11.56 | 11 | Pass | | |
| 3 | High | 5670 | -8.74 | 11 | Pass | | |
| | Low | 5755 | -10.5 | 30 | Pass | | |
| 4 | High | 5795 | -10 | 30 | Pass | | |
| | | 80MHz(IEEE 802 | .11ac/ax)-worst | | | | |
| 1 | Low | 5210 | -9.44 | 11 | Pass | | |
| 2 | Low | 5290 | -9.5 | 11 | Pass | | |
| 0 | Low | 5530 | -9.95 | 11 | Pass | | |
| 3 | High | 5610 | -7.05 | 11 | Pass | | |
| 4 | Low | 5775 | -10.05 | 30 | Pass | | |
| | | 160MHz(IEEE 8 | 02.11ax)-worst | | | | |
| 1 | Low | 5250 | -43.4 | 11 | Pass | | |
| 3 | High | 5570 | -43.11 | 11 | Pass | | |



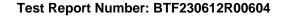


| AUX Antenna | | | | | | |
|-------------|---------|------------------|-------------------|-------------|---------|--|
| Band | Channel | Frequency (MHz) | Total PSD (dBm) | Limit (dBm) | Verdict | |
| | | 20MHz(IEEE 802.1 | 1a/n/ac/ax)-worst | | | |
| 1 | Low | 5180 | -10.95 | 11 | Pass | |
| | High | 5240 | -8.93 | 11 | Pass | |
| 2 | Low | 5260 | -9.87 | 11 | Pass | |
| 2 | High | 5320 | -10.29 | 11 | Pass | |
| 3 | Low | 5500 | -11.93 | 11 | Pass | |
| 3 | High | 5700 | -11.34 | 11 | Pass | |
| 4 | Low | 5745 | -10.81 | 30 | Pass | |
| 4 | High | 5825 | -9.77 | 30 | Pass | |
| | | 40MHz(IEEE 802. | 11n/ac/ax)-worst | | | |
| 1 | Low | 5190 | -14.04 | 11 | Pass | |
| 1 | High | 5230 | -9.12 | 11 | Pass | |
| 2 | Low | 5270 | -9.9 | 11 | Pass | |
| 2 | High | 5310 | -11.97 | 11 | Pass | |
| 3 | Low | 5510 | -12.81 | 11 | Pass | |
| 3 | High | 5670 | -11.64 | 11 | Pass | |
| 4 | Low | 5755 | -13.19 | 30 | Pass | |
| 4 | High | 5795 | -14.92 | 30 | Pass | |
| | | 80MHz(IEEE 802 | .11ac/ax)-worst | | | |
| 1 | Low | 5210 | -15.46 | 11 | Pass | |
| 2 | Low | 5290 | -15.09 | 11 | Pass | |
| 2 | Low | 5530 | -16.41 | 11 | Pass | |
| 3 | High | 5610 | -13.12 | 11 | Pass | |
| 4 | Low | 5775 | -16.26 | 30 | Pass | |
| | | 160MHz(IEEE 8 | | • | | |
| 1 | Low | 5250 | -44.22 | 11 | Pass | |
| 3 | High | 5570 | -43.82 | 11 | Pass | |





| MIMO Mode | | | | | | |
|-----------|---------|-----------------|--------------------|-------------|---------|--|
| Band | Channel | Frequency (MHz) | Total PSD (dBm) | Limit (dBm) | Verdict | |
| | | 20MHz(IEEE 802 | .11n/ac/ax)-worst | | | |
| 1 | Low | 5180 | -1.65 | 11 | Pass | |
| 1 | High | 5240 | -0.80 | 11 | Pass | |
| 2 | Low | 5260 | -0.73 | 11 | Pass | |
| 2 | High | 5320 | -2.11 | 11 | Pass | |
| 3 | Low | 5500 | -2.40 | 11 | Pass | |
| 3 | High | 5700 | -1.92 | 11 | Pass | |
| 4 | Low | 5745 | -2.94 | 30 | Pass | |
| 4 | High | 5825 | -3.14 | 30 | Pass | |
| | | 40MHz(IEEE 802 | 2.11n/ac/ax)-worst | | | |
| 1 | Low | 5190 | -10.18 | 11 | Pass | |
| - ' | High | 5230 | -6.13 | 11 | Pass | |
| 2 | Low | 5270 | -5.34 | 11 | Pass | |
| 2 | High | 5310 | -8.02 | 11 | Pass | |
| 3 | Low | 5510 | -9.13 | 11 | Pass | |
| 3 | High | 5670 | -6.94 | 11 | Pass | |
| 4 | Low | 5755 | -8.63 | 30 | Pass | |
| 4 | High | 5795 | -8.79 | 30 | Pass | |
| | | 80MHz(IEEE 80 | 2.11ac/ax)-worst | | | |
| 1 | Low | 5210 | -8.47 | 11 | Pass | |
| 2 | Low | 5290 | -8.44 | 11 | Pass | |
| 3 | Low | 5530 | -9.07 | 11 | Pass | |
| 3 | High | 5610 | -6.09 | 11 | Pass | |
| 4 | Low | 5775 | -9.12 | 30 | Pass | |
| | | 160MHz(IEEE | 802.11ax)-worst | | | |
| 1 | Low | 5250 | -40.78 | 11 | Pass | |
| 3 | High | 5570 | -40.44 | 11 | Pass | |

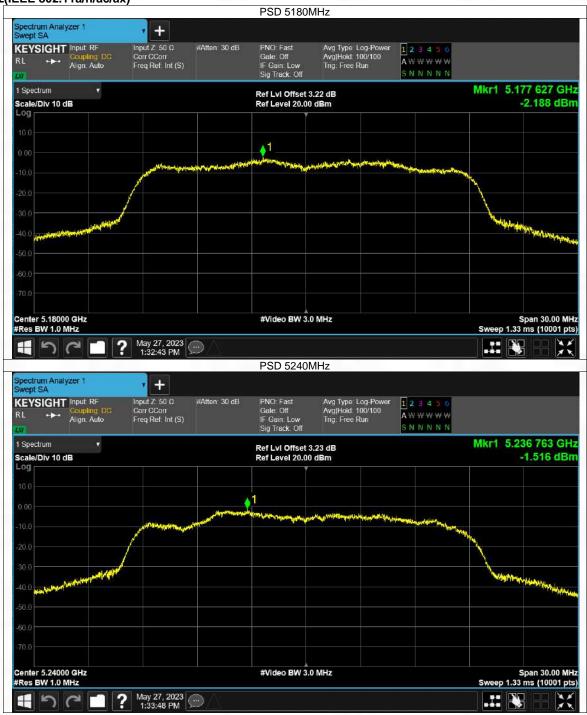




3.1.2 Test Graph

MAIN Ant1

20MHz(IEEE 802.11a/n/ac/ax)



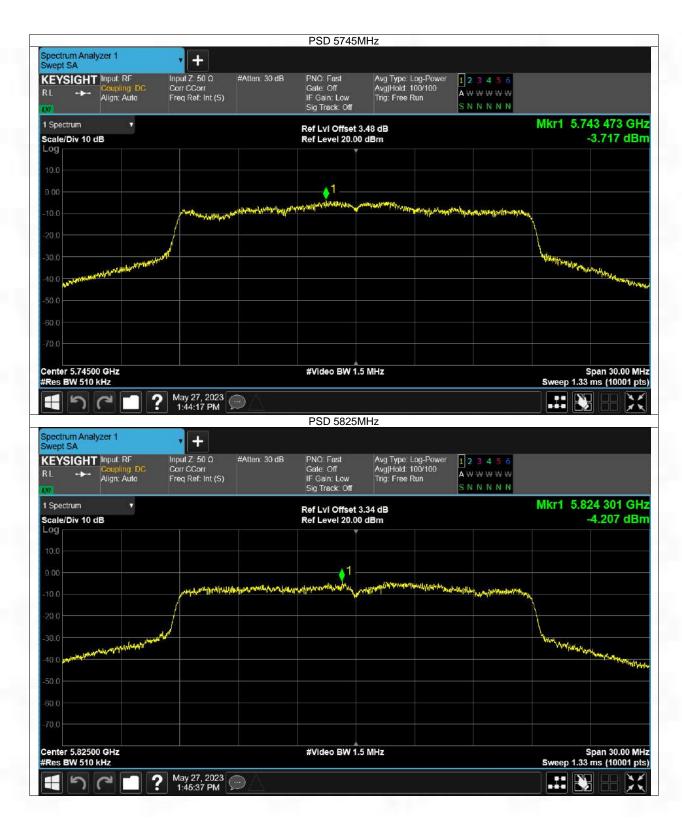








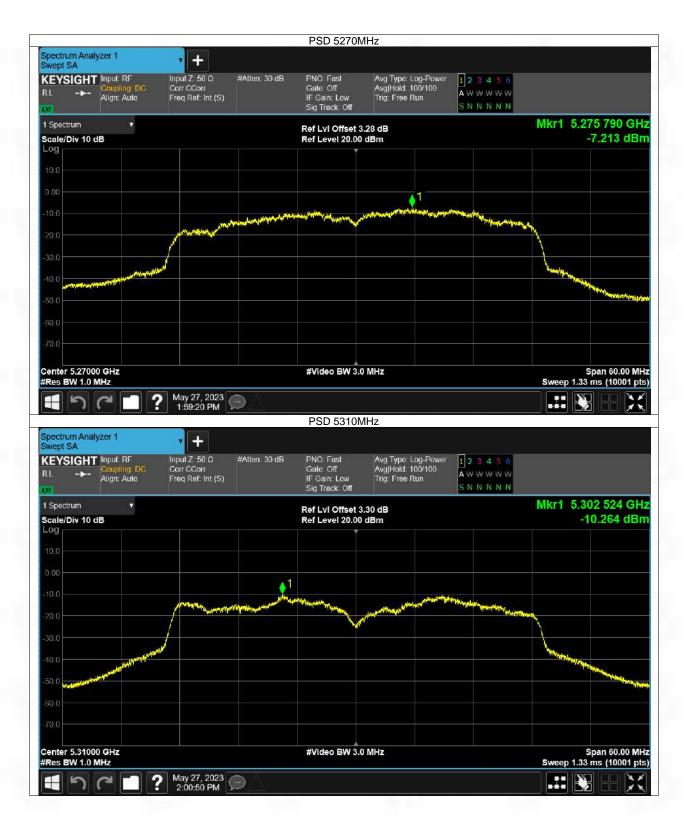




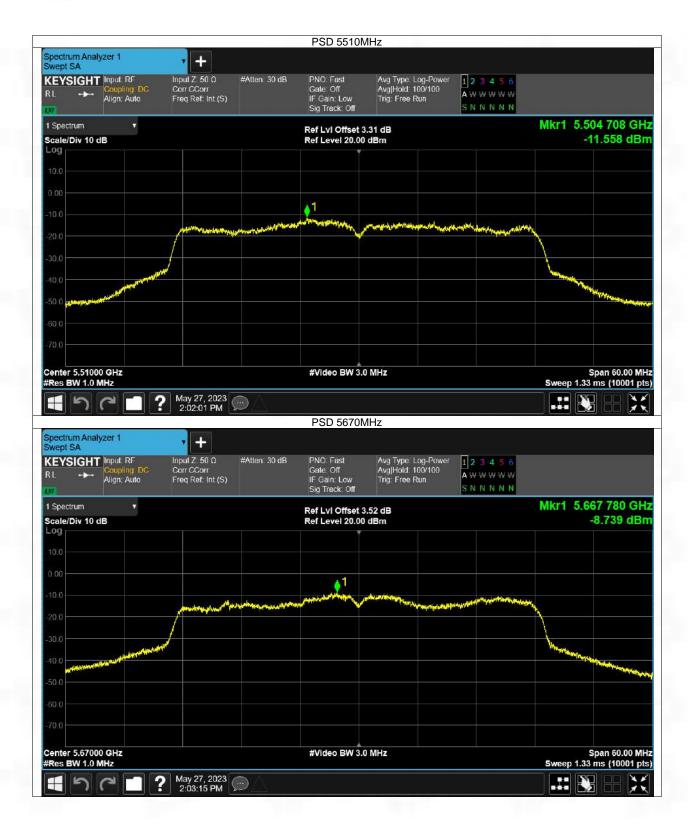






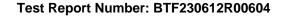










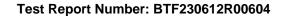






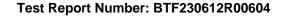




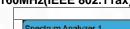




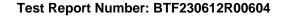






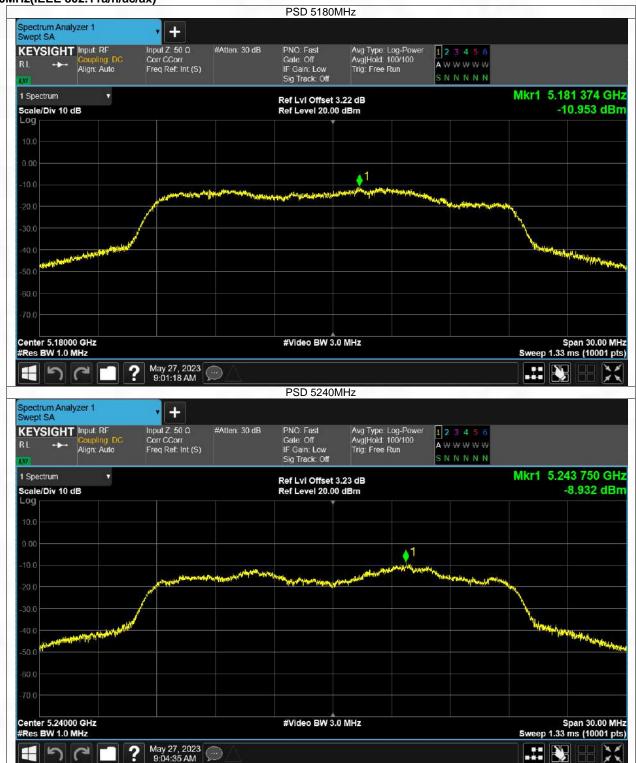




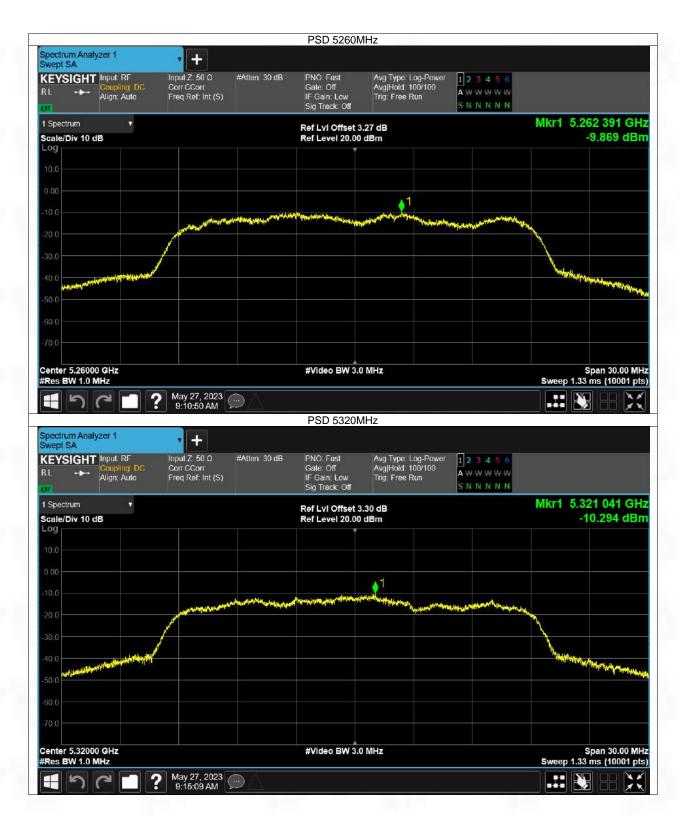




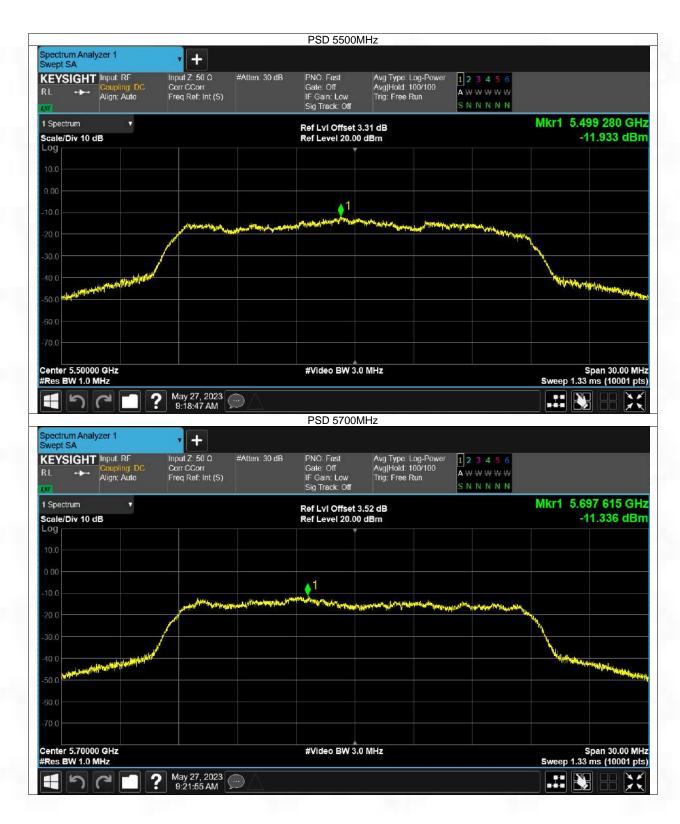
AUX Ant1 20MHz(IEEE 802.11a/n/ac/ax)



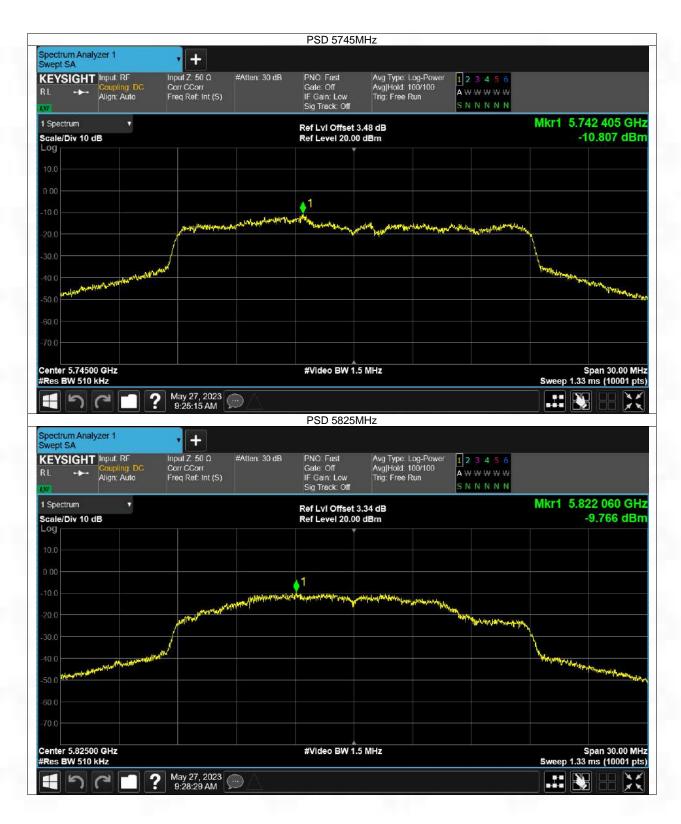


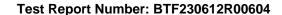








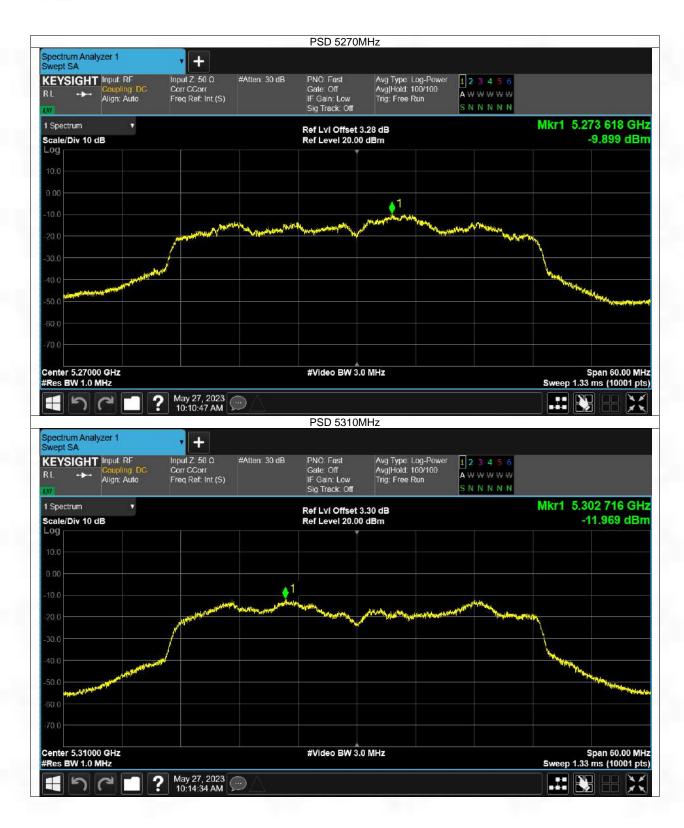




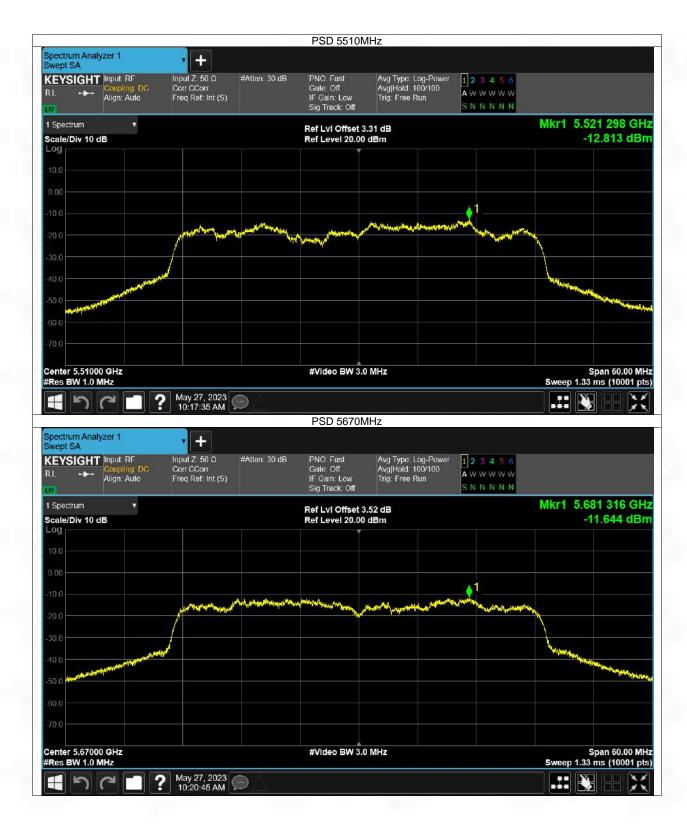




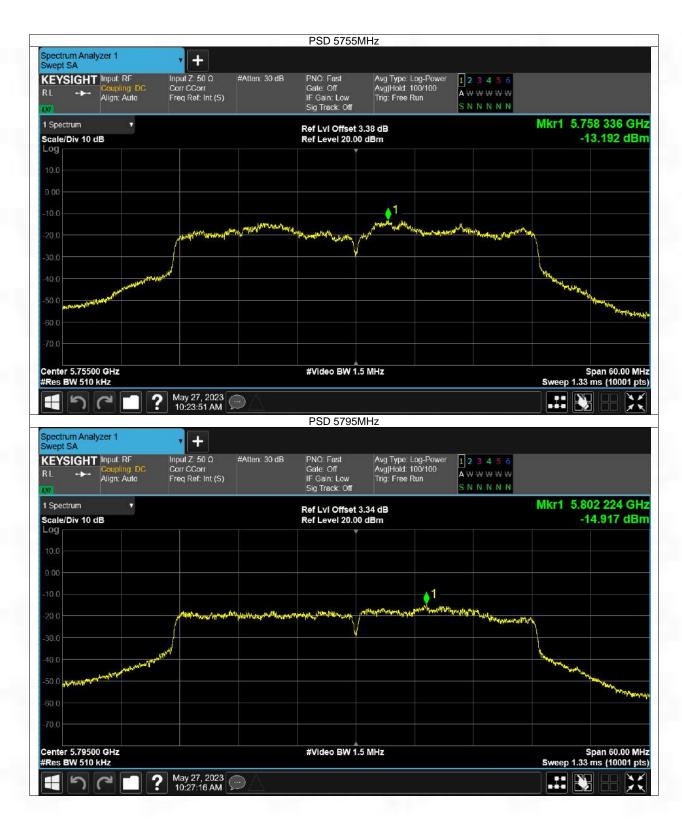


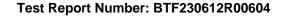








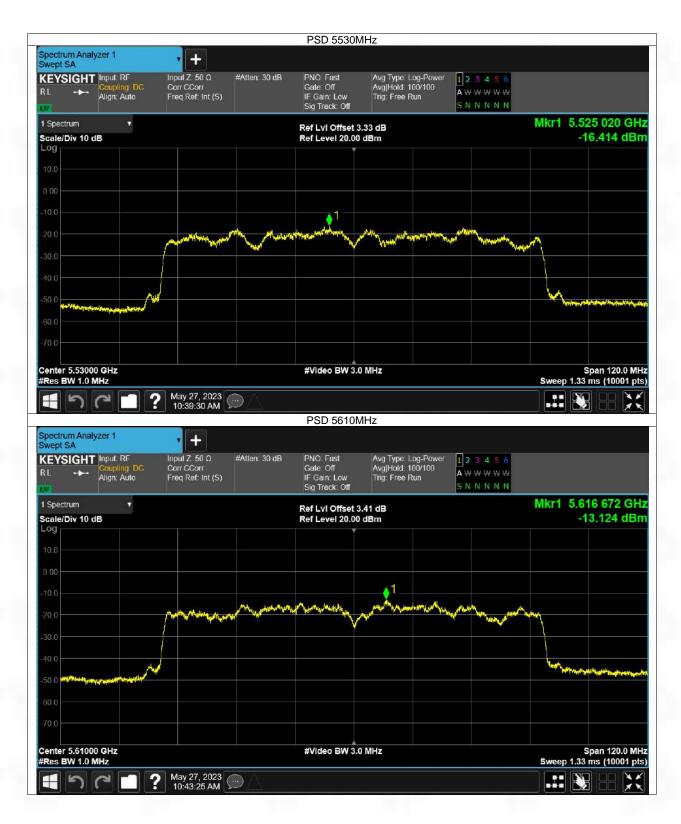






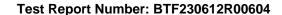






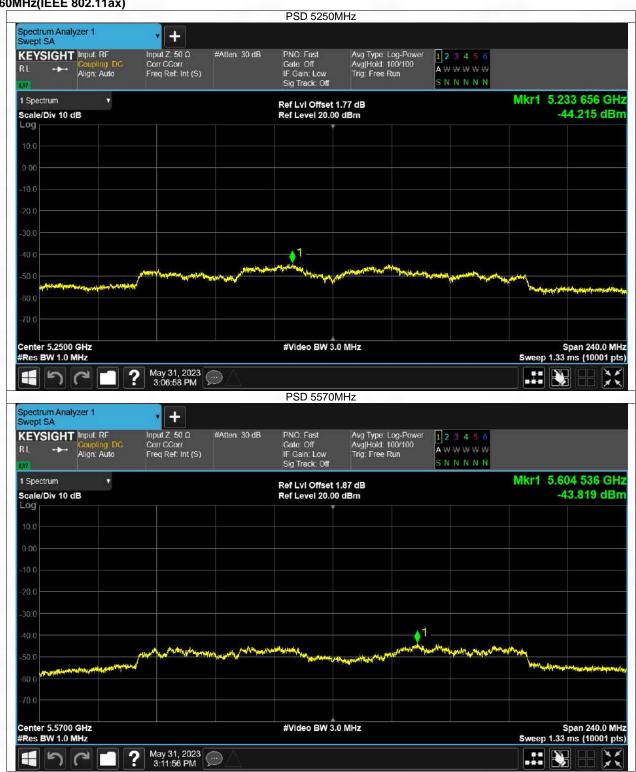


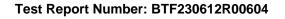












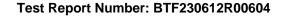


4. Frequency Stability

4.1 Ant1

4.1.1 Test Result

| Band | Frequency (MHz) | Measured Frequency (MHz) | Frequency Error (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
|------|--------------------|--------------------------|-------------------------|--------------------|----------------|---------|
| | | 20MHz(IEI | EE 802.11a/n/ac/ax) | | | |
| 1 | 5180 | 5179.98 | -20000 | -3.86 | 25 | Pass |
| | 5240 | 5240 | -40000 | -7.63 | 25 | Pass |
| 2 | 5260 | 5259.98 | -40000 | -7.6 | 25 | Pass |
| 2 | 5320 | 5319.96 | -20000 | -3.76 | 25 | Pass |
| 3 | 5500 | 5499.94 | -20000 | -3.64 | 25 | Pass |
| | 5700 | 5699.96 | -40000 | -7.02 | 25 | Pass |
| 4 | 5745 | 5744.98 | -40000 | -6.96 | 25 | Pass |
| | 5825 | 5825 | -40000 | -6.87 | 25 | Pass |
| | | 400MHz(II | EEE 802.11n/ac/ax) | | | * |
| 1 - | 5190 | 5189.96 | 0 | 0 | 25 | Pass |
| | 5230 | 5230 | -40000 | -7.65 | 25 | Pass |
| 0 | 5270 | 5269.96 | 0 | 0 | 25 | Pass |
| 2 | 5310 | 5309.96 | 0 | 0 | 25 | Pass |
| 2 | 5510 | 5510 | 0 | 0 | 25 | Pass |
| 3 | 5670 | 5669.96 | -40000 | -7.05 | 25 | Pass |
| 4 | 5755 | 5755 | -40000 | -6.95 | 25 | Pass |
| 4 | 5795 | 5795 | 0 | 0 | 25 | Pass |
| | | 80MHz(I | EEE 802.11ac/ax) | | | |
| 1 | 5210 | 5210 | 0 | 0 | 25 | Pass |
| 2 | 5290 | 5289.92 | 0 | 0 | 25 | Pass |
| 3 | 5530 | 5529.92 | 0 | 0 | 25 | Pass |
| | 5610 | 5609.92 | 0 | 0 | 25 | Pass |
| 4 | 5775 | 5775 | -80000 | -13.85 | 25 | Pass |
| | | 160MH: | z(IEEE 802.11ax) | | | |
| 1 | 5250 | 5250 | 0 | 0 | 25 | Pass |
| 3 | 5570 | 5570 | 0 | 0 | 25 | Pass |

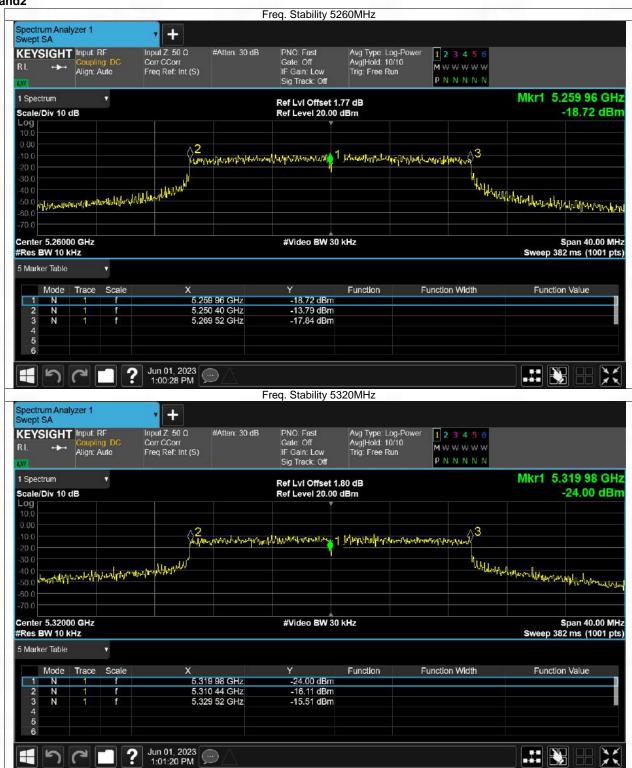




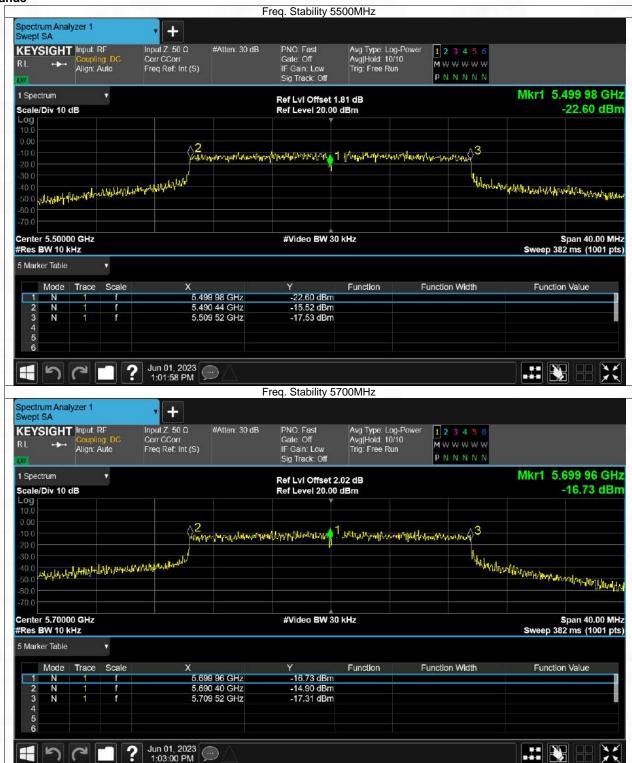
4.1.2 Test Graph 20MHz(IEEE 802.11a/n/ac/ax) Band1



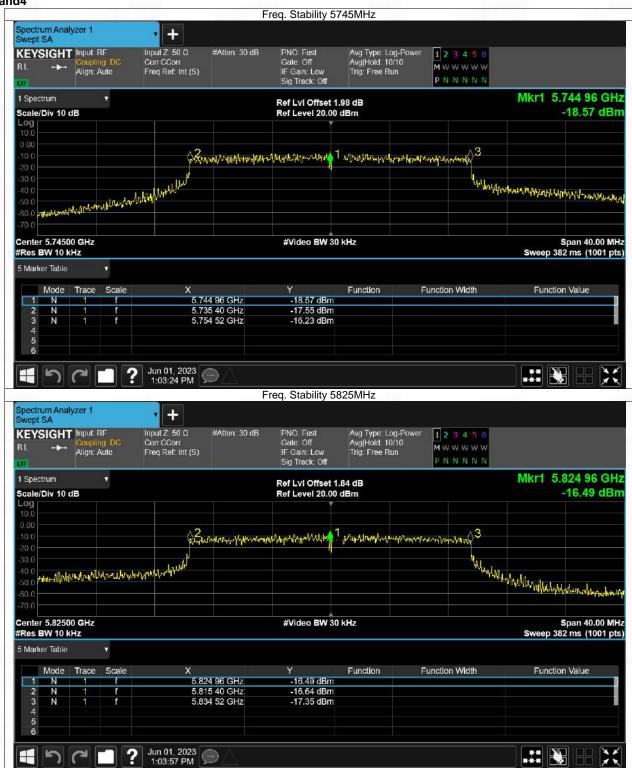


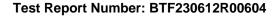














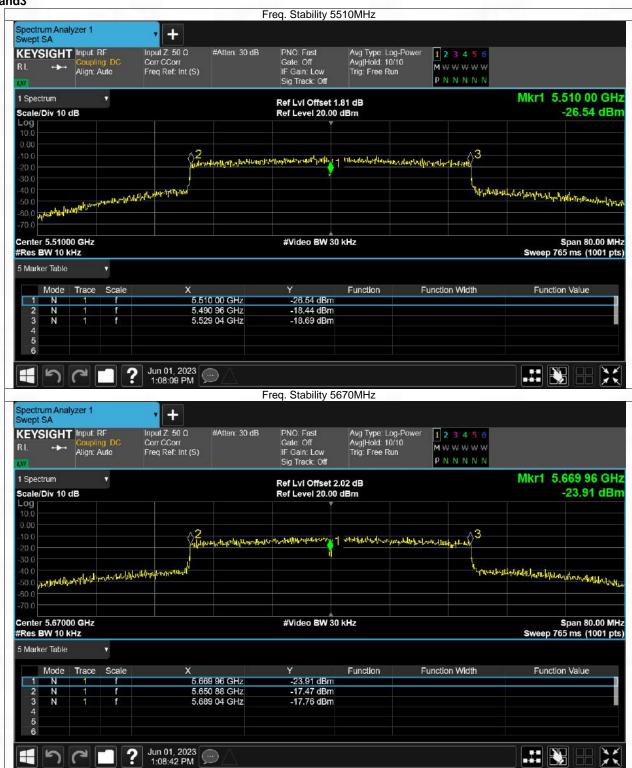
40MHz(IEEE 802.11n/ac/ax) Band1



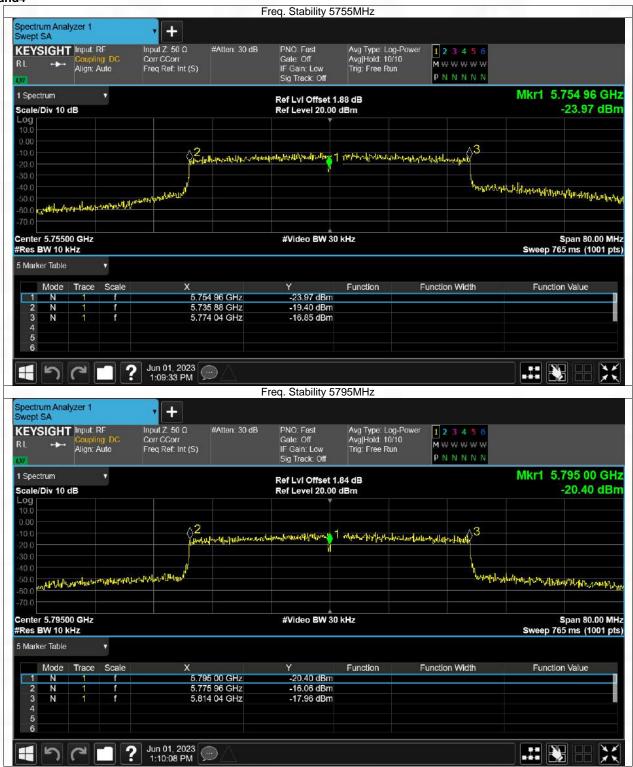


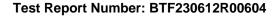








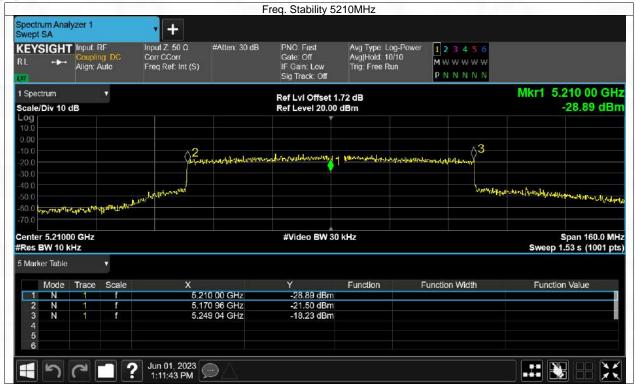






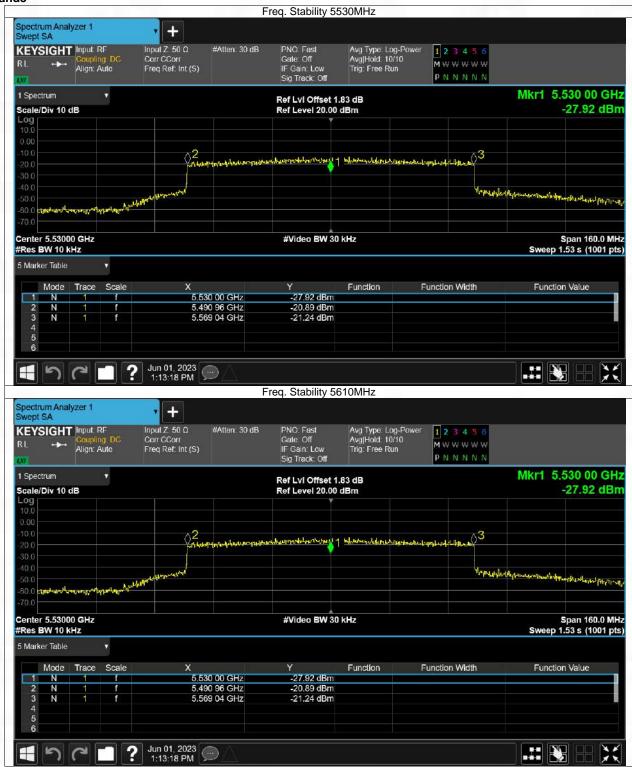
80MHz(IEEE 802.11ac/ax)



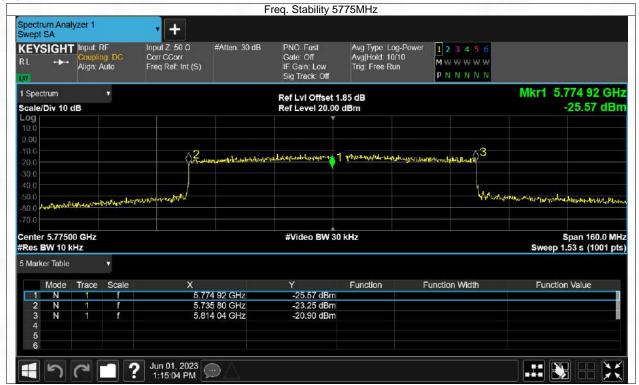


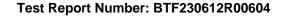










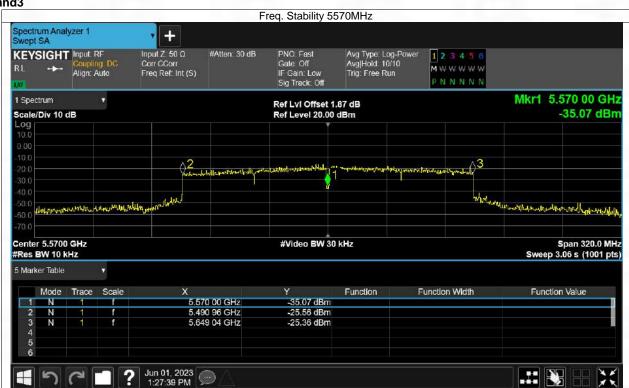


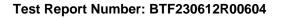


160MHz(IEEE 802.11ax)

Band1











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