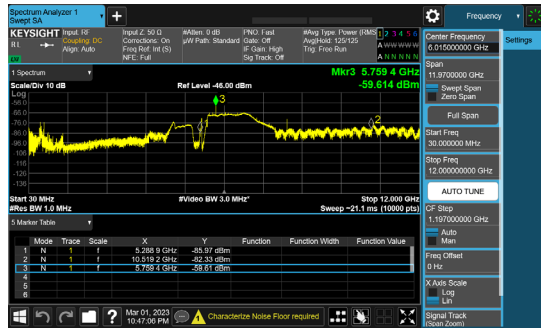
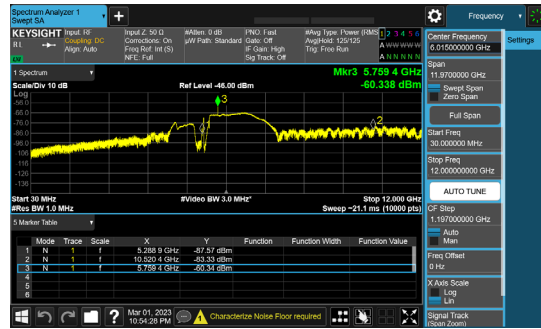


Data Screenshots – Antenna gain 7dBi

5290 MHz: VHT80 Beam Forming, M0 to M11 1ss

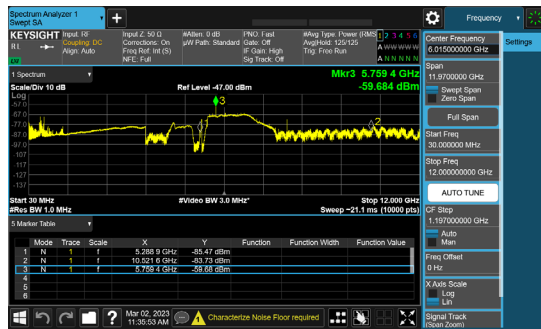


Antenna A



Antenna B

5290 MHz: HE80 Beam Forming, M0 to M11 1ss

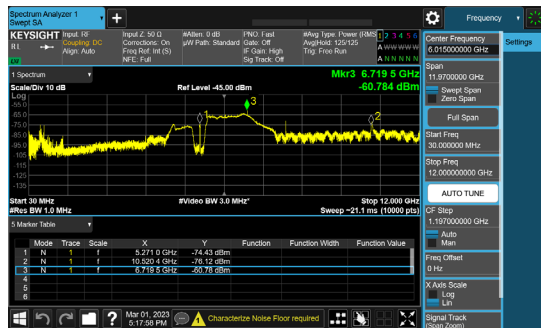


Antenna A

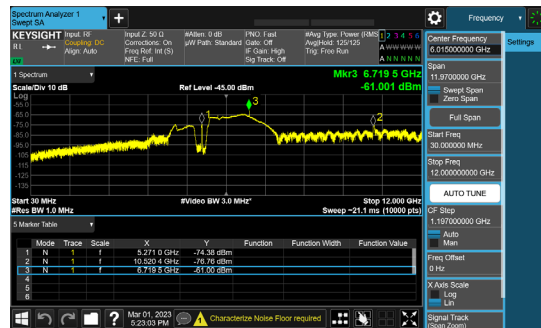


Antenna B

5270 MHz: HT/VHT40 Beam Forming, M0 to M7



Antenna A



Antenna B

Conducted Spurs Peak – Antenna gain 7dBi.

Frequency 5260 MHz

| Mode | Tx Paths | Correlated Antenna Gain (dBi) | Tx 1 Spur Power (dBm) | Tx 2 Spur Power (dBm) | Duty Cycle (dB) | Total Conducted Spur (dBm) | Limit (dB) | Margin (dB) |
|-------------------------------------|----------|-------------------------------|-----------------------|-----------------------|-----------------|----------------------------|------------|-------------|
| Non HT20, 6 to 54 Mbps | 1 | 7 | -62.9 | | 0.23 | -55.7 | -27 | 28.67 |
| Non HT20, 6 to 54 Mbps | 2 | 7 | -63.3 | -63.1 | 0.23 | -53.0 | -27 | 25.96 |
| Non HT20 Beam Forming, 6 to 54 Mbps | 2 | 10 | -63.3 | -63.1 | 0.23 | -50.0 | -27 | 22.96 |
| HT/VHT20, M0 to M7 | 1 | 7 | -63.1 | | 0.52 | -55.6 | -27 | 28.58 |
| HT/VHT20, M0 to M7 | 2 | 7 | -63.2 | -63.7 | 0.52 | -52.9 | -27 | 25.91 |
| HT/VHT20, M8 to M15 | 2 | 7 | -63.4 | -63.7 | 0.52 | -53.0 | -27 | 26.02 |
| HT/VHT20 Beam Forming, M0 to M7 | 2 | 10 | -63.2 | -63.7 | 0.52 | -49.9 | -27 | 22.91 |
| HT/VHT20 Beam Forming, M8 to M15 | 2 | 7 | -63.4 | -63.7 | 0.52 | -53.0 | -27 | 26.02 |
| HT/VHT20 STBC, M8 to M15 | 2 | 7 | -63.4 | -63.7 | 0.52 | -53.0 | -27 | 26.02 |
| HE20, M0 to M11 1ss | 1 | 7 | -63.2 | | 0.36 | -55.8 | -27 | 28.84 |
| HE20, M0 to M11 1ss | 2 | 7 | -63.3 | -62.5 | 0.36 | -52.5 | -27 | 25.51 |
| HE20, M0 to M11 2ss | 2 | 7 | -63.0 | -62.5 | 0.36 | -52.4 | -27 | 25.37 |
| HE20 Beam Forming, M0 to M11 1ss | 2 | 10 | -63.3 | -62.5 | 0.36 | -49.5 | -27 | 22.51 |
| HE20 Beam Forming, M0 to M11 2ss | 2 | 7 | -63.0 | -62.5 | 0.36 | -52.4 | -27 | 25.37 |
| HE20 STBC, M0 to M11 2ss | 2 | 7 | -63.0 | -62.5 | 0.36 | -52.4 | -27 | 25.37 |

Frequency 5270 MHz

| Mode | Tx Paths | Correlated Antenna Gain (dBi) | Tx 1 Spur Power (dBm) | Tx 2 Spur Power (dBm) | Duty Cycle (dB) | Total Conducted Spur (dBm) | Limit (dB) | Margin (dB) |
|----------------------------------|----------|-------------------------------|-----------------------|-----------------------|-----------------|----------------------------|------------|-------------|
| Non HT40, 6 to 54 Mbps | 1 | 7 | -62.9 | | 0.28 | -55.6 | -27 | 28.62 |
| Non HT40, 6 to 54 Mbps | 2 | 7 | -63.1 | -63.0 | 0.28 | -52.8 | -27 | 25.76 |
| HT/VHT40, M0 to M7 | 1 | 7 | -63.6 | | 0.3 | -56.3 | -27 | 29.3 |
| HT/VHT40, M0 to M7 | 2 | 7 | -63.1 | -63.4 | 0.3 | -52.9 | -27 | 25.94 |
| HT/VHT40, M8 to M15 | 2 | 7 | -63.6 | -63.6 | 0.3 | -53.3 | -27 | 26.29 |
| HT/VHT40 Beam Forming, M0 to M7 | 2 | 10 | -63.1 | -63.4 | 0.3 | -49.9 | -27 | 22.94 |
| HT/VHT40 Beam Forming, M8 to M15 | 2 | 7 | -63.6 | -63.6 | 0.3 | -53.3 | -27 | 26.29 |
| HT/VHT40 STBC, M8 to M15 | 2 | 7 | -63.6 | -63.6 | 0.3 | -53.3 | -27 | 26.29 |
| HE40, M0 to M11 1ss | 1 | 7 | -63.2 | | 0.3 | -55.9 | -27 | 28.9 |
| HE40, M0 to M11 1ss | 2 | 7 | -63.1 | -63.5 | 0.3 | -53.0 | -27 | 25.99 |
| HE40, M0 to M11 2ss | 2 | 7 | -63.2 | -62.8 | 0.3 | -52.7 | -27 | 25.69 |
| HE40 Beam Forming, M0 to M11 1ss | 2 | 10 | -63.2 | -63.3 | 0.3 | -49.9 | -27 | 22.94 |
| HE40 Beam Forming, M0 to M11 2ss | 2 | 7 | -63.2 | -62.8 | 0.3 | -52.7 | -27 | 25.69 |
| HE40 STBC, M0 to M11 2ss | 2 | 7 | -63.2 | -62.8 | 0.3 | -52.7 | -27 | 25.69 |

Frequency 5290 MHz

| Mode | Tx Paths | Correlated Antenna Gain (dBi) | Tx 1 Spur Power (dBm) | Tx 2 Spur Power (dBm) | Duty Cycle (dB) | Total Conducted Spur (dBm) | Limit (dB) | Margin (dB) |
|-----------------------------------|----------|-------------------------------|-----------------------|-----------------------|-----------------|----------------------------|------------|-------------|
| Non HT80, 6 to 54 Mbps | 1 | 7 | -62.8 | | 0.23 | -55.6 | -27 | 28.57 |
| Non HT80, 6 to 54 Mbps | 2 | 7 | -63.1 | -62.5 | 0.23 | -52.5 | -27 | 25.55 |
| VHT80, M0 to M11 1ss | 1 | 7 | -62.8 | | 0.3 | -55.5 | -27 | 28.5 |
| VHT80, M0 to M11 1ss | 2 | 7 | -63.5 | -62.9 | 0.3 | -52.9 | -27 | 25.88 |
| VHT80, M0 to M11 2ss | 2 | 7 | -63.5 | -62.9 | 0.3 | -52.9 | -27 | 25.88 |
| VHT80 Beam Forming, M0 to M11 1ss | 2 | 10 | -63.1 | -62.4 | 0.3 | -49.4 | -27 | 22.43 |
| VHT80 Beam Forming, M0 to M11 2ss | 2 | 7 | -63.5 | -62.9 | 0.3 | -52.9 | -27 | 25.88 |
| VHT80 STBC, M0 to M11 2ss | 2 | 7 | -63.5 | -62.9 | 0.3 | -52.9 | -27 | 25.88 |
| HE80, M0 to M11 1ss | 1 | 7 | -63.3 | | 0.35 | -55.9 | -27 | 28.95 |
| HE80, M0 to M11 1ss | 2 | 7 | -63.3 | -63.0 | 0.35 | -52.8 | -27 | 25.79 |
| HE80, M0 to M11 2ss | 2 | 7 | -63.3 | -63.0 | 0.35 | -52.8 | -27 | 25.79 |
| HE80 Beam Forming, M0 to M11 1ss | 2 | 10 | -62.7 | -63.2 | 0.35 | -49.6 | -27 | 22.58 |
| HE80 Beam Forming, M0 to M11 2ss | 2 | 7 | -63.3 | -63.0 | 0.35 | -52.8 | -27 | 25.79 |
| HE80 STBC, M0 to M11 2ss | 2 | 7 | -63.3 | -63.0 | 0.35 | -52.8 | -27 | 25.79 |

Frequency 5300 MHz

| Mode | Tx Paths | Correlated Antenna Gain (dBi) | Tx 1 Spur Power (dBm) | Tx 2 Spur Power (dBm) | Duty Cycle (dB) | Total Conducted Spur (dBm) | Limit (dB) | Margin (dB) |
|--|----------|-------------------------------|-----------------------|-----------------------|-----------------|----------------------------|------------|--------------|
| Non HT20, 6 to 54 Mbps | 1 | 7 | -57.9 | | 0.23 | -50.7 | -27 | 23.67 |
| Non HT20, 6 to 54 Mbps | 2 | 7 | -61.0 | -62.7 | 0.23 | -51.5 | -27 | 24.53 |
| Non HT20 Beam Forming, 6 to 54 Mbps | 2 | 10 | -61.0 | -62.7 | 0.23 | -48.5 | -27 | 21.53 |
| HT/VHT20, M0 to M7 | 1 | 7 | -57.3 | | 0.52 | -49.8 | -27 | 22.78 |
| HT/VHT20, M0 to M7 | 2 | 7 | -62.3 | -63.2 | 0.52 | -52.2 | -27 | 25.2 |
| HT/VHT20, M8 to M15 | 2 | 7 | -59.7 | -61.4 | 0.52 | -49.9 | -27 | 22.94 |
| HT/VHT20 Beam Forming, M0 to M7 | 2 | 10 | -62.3 | -63.2 | 0.52 | -49.2 | -27 | 22.2 |
| HT/VHT20 Beam Forming, M8 to M15 | 2 | 7 | -59.7 | -61.4 | 0.52 | -49.9 | -27 | 22.94 |
| HT/VHT20 STBC, M8 to M15 | 2 | 7 | -59.7 | -61.4 | 0.52 | -49.9 | -27 | 22.94 |
| HE20, M0 to M11 1ss | 1 | 7 | -58.7 | | 0.36 | -51.3 | -27 | 24.34 |
| HE20, M0 to M11 1ss | 2 | 7 | -60.8 | -62.1 | 0.36 | -51.0 | -27 | 24.03 |
| HE20, M0 to M11 2ss | 2 | 7 | -59.4 | -59.2 | 0.36 | -48.9 | -27 | 21.93 |
| HE20 Beam Forming, M0 to M11 1ss | 2 | 10 | -60.8 | -62.1 | 0.36 | -48.0 | -27 | 21.03 |
| HE20 Beam Forming, M0 to M11 2ss | 2 | 7 | -59.4 | -59.2 | 0.36 | -48.9 | -27 | 21.93 |
| HE20 STBC, M0 to M11 2ss | 2 | 7 | -59.4 | -59.2 | 0.36 | -48.9 | -27 | 21.93 |

Frequency 5310 MHz

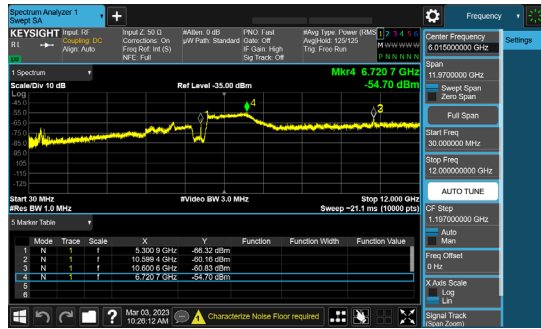
| Mode | Tx Paths | Correlated Antenna Gain (dBi) | Tx 1 Spur Power (dBm) | Tx 2 Spur Power (dBm) | Duty Cycle (dB) | Total Conducted Spur (dBm) | Limit (dB) | Margin (dB) |
|----------------------------------|----------|-------------------------------|-----------------------|-----------------------|-----------------|----------------------------|------------|-------------|
| Non HT40, 6 to 54 Mbps | 1 | 7 | -62.5 | | 0.28 | -55.2 | -27 | 28.22 |
| Non HT40, 6 to 54 Mbps | 2 | 7 | -62.5 | -63.3 | 0.28 | -52.6 | -27 | 25.59 |
| HT/VHT40, M0 to M7 | 1 | 7 | -61.6 | | 0.3 | -54.3 | -27 | 27.3 |
| HT/VHT40, M0 to M7 | 2 | 7 | -61.3 | -62.0 | 0.3 | -51.3 | -27 | 24.33 |
| HT/VHT40, M8 to M15 | 2 | 7 | -61.3 | -62.0 | 0.3 | -51.3 | -27 | 24.33 |
| HT/VHT40 Beam Forming, M0 to M7 | 2 | 10 | -63.4 | -62.9 | 0.3 | -49.8 | -27 | 22.83 |
| HT/VHT40 Beam Forming, M8 to M15 | 2 | 7 | -61.3 | -62.0 | 0.3 | -51.3 | -27 | 24.33 |
| HT/VHT40 STBC, M8 to M15 | 2 | 7 | -61.3 | -62.0 | 0.3 | -51.3 | -27 | 24.33 |
| HE40, M0 to M11 1ss | 1 | 7 | -62.2 | | 0.3 | -54.9 | -27 | 27.9 |
| HE40, M0 to M11 1ss | 2 | 7 | -62.8 | -62.8 | 0.3 | -52.5 | -27 | 25.49 |
| HE40, M0 to M11 2ss | 2 | 7 | -62.8 | -62.8 | 0.3 | -52.5 | -27 | 25.49 |
| HE40 Beam Forming, M0 to M11 1ss | 2 | 10 | -62.6 | -63.4 | 0.3 | -49.7 | -27 | 22.68 |
| HE40 Beam Forming, M0 to M11 2ss | 2 | 7 | -62.8 | -62.8 | 0.3 | -52.5 | -27 | 25.49 |
| HE40 STBC, M0 to M11 2ss | 2 | 7 | -62.8 | -62.8 | 0.3 | -52.5 | -27 | 25.49 |

Frequency 5320 MHz

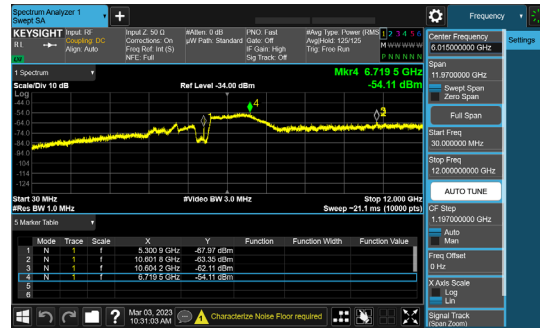
| Mode | Tx Paths | Correlated Antenna Gain (dBi) | Tx 1 Spur Power (dBm) | Tx 2 Spur Power (dBm) | Duty Cycle (dB) | Total Conducted Spur (dBm) | Limit (dB) | Margin (dB) |
|-------------------------------------|----------|-------------------------------|-----------------------|-----------------------|-----------------|----------------------------|------------|--------------|
| Non HT20, 6 to 54 Mbps | 1 | 7 | -58.6 | | 0.23 | -51.4 | -27 | 24.37 |
| Non HT20, 6 to 54 Mbps | 2 | 7 | -61.7 | -62.7 | 0.23 | -51.9 | -27 | 24.93 |
| Non HT20 Beam Forming, 6 to 54 Mbps | 2 | 10 | -61.7 | -62.7 | 0.23 | -48.9 | -27 | 21.93 |
| HT/VHT20, M0 to M7 | 1 | 7 | -57.7 | | 0.52 | -50.2 | -27 | 23.18 |
| HT/VHT20, M0 to M7 | 2 | 7 | -61.9 | -63.1 | 0.52 | -51.9 | -27 | 24.93 |
| HT/VHT20, M8 to M15 | 2 | 7 | -60.5 | -58.0 | 0.52 | -48.5 | -27 | 21.54 |
| HT/VHT20 Beam Forming, M0 to M7 | 2 | 10 | -61.9 | -63.1 | 0.52 | -48.9 | -27 | 21.93 |
| HT/VHT20 Beam Forming, M8 to M15 | 2 | 7 | -60.5 | -58.0 | 0.52 | -48.5 | -27 | 21.54 |
| HT/VHT20 STBC, M8 to M15 | 2 | 7 | -60.5 | -58.0 | 0.52 | -48.5 | -27 | 21.54 |
| HE20, M0 to M11 1ss | 1 | 7 | -59.0 | | 0.36 | -51.6 | -27 | 24.64 |
| HE20, M0 to M11 1ss | 2 | 7 | -62.1 | -62.4 | 0.36 | -51.9 | -27 | 24.88 |
| HE20, M0 to M11 2ss | 2 | 7 | -59.0 | -61.3 | 0.36 | -49.6 | -27 | 22.63 |
| HE20 Beam Forming, M0 to M11 1ss | 2 | 10 | -62.1 | -62.4 | 0.36 | -48.9 | -27 | 21.88 |
| HE20 Beam Forming, M0 to M11 2ss | 2 | 7 | -59.0 | -61.3 | 0.36 | -49.6 | -27 | 22.63 |
| HE20 STBC, M0 to M11 2ss | 2 | 7 | -59.0 | -61.3 | 0.36 | -49.6 | -27 | 22.63 |

Data Screenshots – Antenna gain 7dBi

5300 MHz: HE20 Beam Forming, M0 to M11 1ss

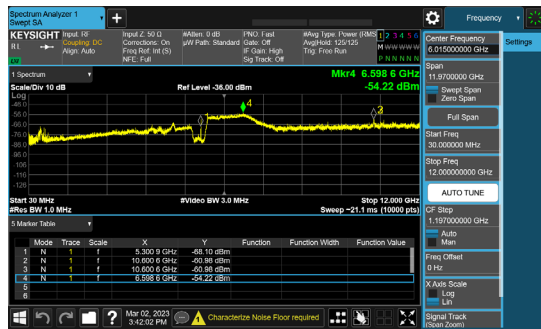


Antenna A

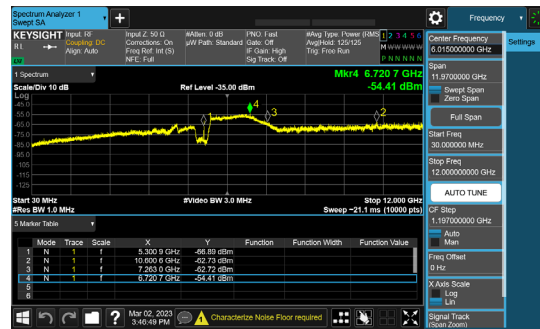


Antenna B

5300 MHz: Non HT20 Beam Forming, 6 to 54 Mbps

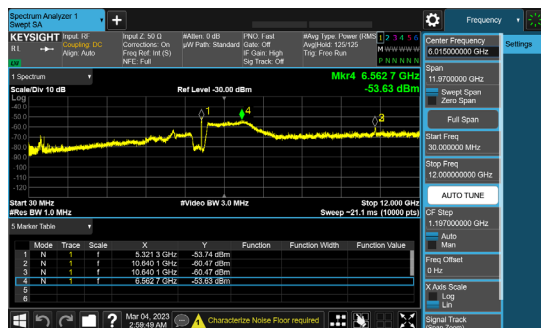


Antenna A

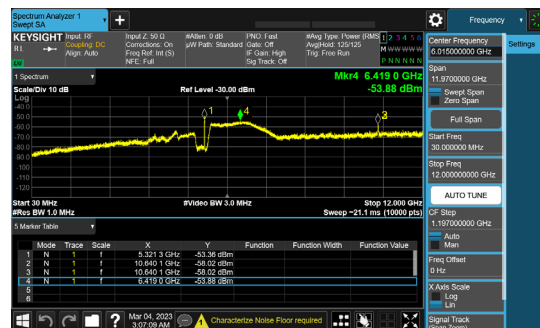


Antenna B

5320 MHz: HT/VHT20, M8 to M15



Antenna A



Antenna B

Conducted Spurs Average – Antenna gain 8dBi.

Frequency 5260 MHz

| Mode | Tx Paths | Correlated Antenna Gain (dBi) | Tx 1 Spur Power (dBm) | Tx 2 Spur Power (dBm) | Duty Cycle (dB) | Total Conducted Spur (dBm) | Limit (dB) | Margin (dB) |
|-------------------------------------|----------|-------------------------------|-----------------------|-----------------------|-----------------|----------------------------|------------|-------------|
| Non HT20, 6 to 54 Mbps | 1 | 8 | -61.9 | | 0.23 | -53.7 | -41 | 12.42 |
| Non HT20, 6 to 54 Mbps | 2 | 8 | -62.9 | -62.2 | 0.23 | -51.3 | -41 | 10.05 |
| Non HT20 Beam Forming, 6 to 54 Mbps | 2 | 11 | -62.9 | -62.2 | 0.23 | -48.3 | -41 | 7.05 |
| HT/VHT20, M0 to M7 | 1 | 8 | -61.8 | | 0.52 | -53.3 | -41 | 12.03 |
| HT/VHT20, M0 to M7 | 2 | 8 | -63.1 | -61.7 | 0.52 | -50.8 | -41 | 9.56 |
| HT/VHT20, M8 to M15 | 2 | 8 | -61.1 | -61.8 | 0.52 | -49.9 | -41 | 8.66 |
| HT/VHT20 Beam Forming, M0 to M7 | 2 | 11 | -63.1 | -61.7 | 0.52 | -47.8 | -41 | 6.56 |
| HT/VHT20 Beam Forming, M8 to M15 | 2 | 8 | -61.1 | -61.8 | 0.52 | -49.9 | -41 | 8.66 |
| HT/VHT20 STBC, M8 to M15 | 2 | 8 | -61.1 | -61.8 | 0.52 | -49.9 | -41 | 8.66 |
| HE20, M0 to M11 1ss | 1 | 8 | -61.2 | | 0.36 | -52.8 | -41 | 11.59 |
| HE20, M0 to M11 1ss | 2 | 8 | -62.9 | -61.5 | 0.36 | -50.8 | -41 | 9.53 |
| HE20, M0 to M11 2ss | 2 | 8 | -62.3 | -61.4 | 0.36 | -50.5 | -41 | 9.21 |
| HE20 Beam Forming, M0 to M11 1ss | 2 | 11 | -62.9 | -61.5 | 0.36 | -47.8 | -41 | 6.53 |
| HE20 Beam Forming, M0 to M11 2ss | 2 | 8 | -62.3 | -61.4 | 0.36 | -50.5 | -41 | 9.21 |
| HE20 STBC, M0 to M11 2ss | 2 | 8 | -62.3 | -61.4 | 0.36 | -50.5 | -41 | 9.21 |

Frequency 5270 MHz

| Mode | Tx Paths | Correlated Antenna Gain (dBi) | Tx 1 Spur Power (dBm) | Tx 2 Spur Power (dBm) | Duty Cycle (dB) | Total Conducted Spur (dBm) | Limit (dB) | Margin (dB) |
|---|----------|-------------------------------|-----------------------|-----------------------|-----------------|----------------------------|------------|-------------|
| Non HT40, 6 to 54 Mbps | 1 | 8 | -61.6 | | 0.28 | -53.3 | -41 | 12.07 |
| Non HT40, 6 to 54 Mbps | 2 | 8 | -61.4 | -61.4 | 0.28 | -50.1 | -41 | 8.86 |
| HT/VHT40, M0 to M7 | 1 | 8 | -60.6 | | 0.3 | -52.3 | -41 | 11.05 |
| HT/VHT40, M0 to M7 | 2 | 8 | -61.7 | -61.2 | 0.3 | -50.1 | -41 | 8.88 |
| HT/VHT40, M8 to M15 | 2 | 8 | -60.6 | -61.1 | 0.3 | -49.5 | -41 | 8.28 |
| HT/VHT40 Beam Forming, M0 to M7 | 2 | 11 | -61.7 | -61.2 | 0.3 | -47.1 | -41 | 5.88 |
| HT/VHT40 Beam Forming, M8 to M15 | 2 | 8 | -60.6 | -61.1 | 0.3 | -49.5 | -41 | 8.28 |
| HT/VHT40 STBC, M8 to M15 | 2 | 8 | -60.6 | -61.1 | 0.3 | -49.5 | -41 | 8.28 |
| HE40, M0 to M11 1ss | 1 | 8 | -60.5 | | 0.3 | -52.2 | -41 | 10.95 |
| HE40, M0 to M11 1ss | 2 | 8 | -61.6 | -60.5 | 0.3 | -49.7 | -41 | 8.46 |
| HE40, M0 to M11 2ss | 2 | 8 | -60.5 | -61.0 | 0.3 | -49.4 | -41 | 8.19 |
| HE40 Beam Forming, M0 to M11 1ss | 2 | 11 | -61.6 | -60.5 | 0.3 | -46.7 | -41 | 5.46 |
| HE40 Beam Forming, M0 to M11 2ss | 2 | 8 | -60.5 | -61.0 | 0.3 | -49.4 | -41 | 8.19 |
| HE40 STBC, M0 to M11 2ss | 2 | 8 | -60.5 | -61.0 | 0.3 | -49.4 | -41 | 8.19 |

Frequency 5290 MHz

| Mode | Tx Paths | Correlated Antenna Gain (dBi) | Tx 1 Spur Power (dBm) | Tx 2 Spur Power (dBm) | Duty Cycle (dB) | Total Conducted Spur (dBm) | Limit (dB) | Margin (dB) |
|--|----------|-------------------------------|-----------------------|-----------------------|-----------------|----------------------------|------------|-------------|
| Non HT80, 6 to 54 Mbps | 1 | 8 | -61.7 | | 0.23 | -53.5 | -41 | 12.22 |
| Non HT80, 6 to 54 Mbps | 2 | 8 | -60.0 | -60.3 | 0.23 | -48.9 | -41 | 7.66 |
| VHT80, M0 to M11 1ss | 1 | 8 | -59.8 | | 0.3 | -51.5 | -41 | 10.25 |
| VHT80, M0 to M11 1ss | 2 | 8 | -60.0 | -60.3 | 0.3 | -48.8 | -41 | 7.59 |
| VHT80, M0 to M11 2ss | 2 | 8 | -60.0 | -60.3 | 0.3 | -48.8 | -41 | 7.59 |
| VHT80 Beam Forming, M0 to M11 1ss | 2 | 11 | -60.1 | -60.4 | 0.3 | -45.9 | -41 | 4.69 |
| VHT80 Beam Forming, M0 to M11 2ss | 2 | 8 | -60.0 | -60.3 | 0.3 | -48.8 | -41 | 7.59 |
| VHT80 STBC, M0 to M11 2ss | 2 | 8 | -60.0 | -60.3 | 0.3 | -48.8 | -41 | 7.59 |
| HE80, M0 to M11 1ss | 1 | 8 | -60.2 | | 0.35 | -51.8 | -41 | 10.6 |
| HE80, M0 to M11 1ss | 2 | 8 | -59.7 | -60.4 | 0.35 | -48.7 | -41 | 7.42 |
| HE80, M0 to M11 2ss | 2 | 8 | -59.7 | -60.4 | 0.35 | -48.7 | -41 | 7.42 |
| HE80 Beam Forming, M0 to M11 1ss | 2 | 11 | -59.7 | -60.6 | 0.35 | -45.8 | -41 | 4.52 |
| HE80 Beam Forming, M0 to M11 2ss | 2 | 8 | -59.7 | -60.4 | 0.35 | -48.7 | -41 | 7.42 |
| HE80 STBC, M0 to M11 2ss | 2 | 8 | -59.7 | -60.4 | 0.35 | -48.7 | -41 | 7.42 |

Frequency 5300 MHz

| Mode | Tx Paths | Correlated Antenna Gain (dBi) | Tx 1 Spur Power (dBm) | Tx 2 Spur Power (dBm) | Duty Cycle (dB) | Total Conducted Spur (dBm) | Limit (dB) | Margin (dB) |
|-------------------------------------|----------|-------------------------------|-----------------------|-----------------------|-----------------|----------------------------|------------|-------------|
| Non HT20, 6 to 54 Mbps | 1 | 8 | -61.2 | | 0.23 | -53.0 | -41 | 11.72 |
| Non HT20, 6 to 54 Mbps | 2 | 8 | -62.5 | -61.6 | 0.23 | -50.8 | -41 | 9.54 |
| Non HT20 Beam Forming, 6 to 54 Mbps | 2 | 11 | -62.5 | -61.6 | 0.23 | -47.8 | -41 | 6.54 |
| HT/VHT20, M0 to M7 | 1 | 8 | -61.3 | | 0.52 | -52.8 | -41 | 11.53 |
| HT/VHT20, M0 to M7 | 2 | 8 | -62.5 | -61.9 | 0.52 | -50.7 | -41 | 9.41 |
| HT/VHT20, M8 to M15 | 2 | 8 | -61.2 | -62.1 | 0.52 | -50.1 | -41 | 8.85 |
| HT/VHT20 Beam Forming, M0 to M7 | 2 | 11 | -62.5 | -61.9 | 0.52 | -47.7 | -41 | 6.41 |
| HT/VHT20 Beam Forming, M8 to M15 | 2 | 8 | -61.2 | -62.1 | 0.52 | -50.1 | -41 | 8.85 |
| HT/VHT20 STBC, M8 to M15 | 2 | 8 | -61.2 | -62.1 | 0.52 | -50.1 | -41 | 8.85 |
| HE20, M0 to M11 1ss | 1 | 8 | -61.1 | | 0.36 | -52.7 | -41 | 11.49 |
| HE20, M0 to M11 1ss | 2 | 8 | -63.1 | -61.7 | 0.36 | -51.0 | -41 | 9.73 |
| HE20, M0 to M11 2ss | 2 | 8 | -61.1 | -61.4 | 0.36 | -49.9 | -41 | 8.63 |
| HE20 Beam Forming, M0 to M11 1ss | 2 | 11 | -63.1 | -61.7 | 0.36 | -48.0 | -41 | 6.73 |
| HE20 Beam Forming, M0 to M11 2ss | 2 | 8 | -61.1 | -61.4 | 0.36 | -49.9 | -41 | 8.63 |
| HE20 STBC, M0 to M11 2ss | 2 | 8 | -61.1 | -61.4 | 0.36 | -49.9 | -41 | 8.63 |

Frequency 5310 MHz

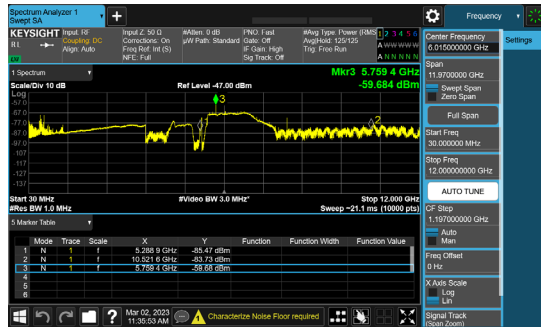
| Mode | Tx Paths | Correlated Antenna Gain (dBi) | Tx 1 Spur Power (dBm) | Tx 2 Spur Power (dBm) | Duty Cycle (dB) | Total Conducted Spur (dBm) | Limit (dB) | Margin (dB) |
|----------------------------------|----------|-------------------------------|-----------------------|-----------------------|-----------------|----------------------------|------------|-------------|
| Non HT40, 6 to 54 Mbps | 1 | 8 | -61.8 | | 0.28 | -53.5 | -41 | 12.27 |
| Non HT40, 6 to 54 Mbps | 2 | 8 | -61.8 | -61.0 | 0.28 | -50.1 | -41 | 8.84 |
| HT/VHT40, M0 to M7 | 1 | 8 | -62.2 | | 0.3 | -53.9 | -41 | 12.65 |
| HT/VHT40, M0 to M7 | 2 | 8 | -61.8 | -61.4 | 0.3 | -50.3 | -41 | 9.04 |
| HT/VHT40, M8 to M15 | 2 | 8 | -61.8 | -61.4 | 0.3 | -50.3 | -41 | 9.04 |
| HT/VHT40 Beam Forming, M0 to M7 | 2 | 11 | -61.8 | -61.5 | 0.3 | -47.3 | -41 | 6.09 |
| HT/VHT40 Beam Forming, M8 to M15 | 2 | 8 | -61.8 | -61.4 | 0.3 | -50.3 | -41 | 9.04 |
| HT/VHT40 STBC, M8 to M15 | 2 | 8 | -61.8 | -61.4 | 0.3 | -50.3 | -41 | 9.04 |
| HE40, M0 to M11 1ss | 1 | 8 | -63.4 | | 0.3 | -55.1 | -41 | 13.85 |
| HE40, M0 to M11 1ss | 2 | 8 | -62.6 | -61.8 | 0.3 | -50.9 | -41 | 9.63 |
| HE40, M0 to M11 2ss | 2 | 8 | -62.6 | -61.8 | 0.3 | -50.9 | -41 | 9.63 |
| HE40 Beam Forming, M0 to M11 1ss | 2 | 11 | -63.3 | -61.8 | 0.3 | -48.2 | -41 | 6.93 |
| HE40 Beam Forming, M0 to M11 2ss | 2 | 8 | -62.6 | -61.8 | 0.3 | -50.9 | -41 | 9.63 |
| HE40 STBC, M0 to M11 2ss | 2 | 8 | -62.6 | -61.8 | 0.3 | -50.9 | -41 | 9.63 |

Frequency 5320 MHz

| Mode | Tx Paths | Correlated Antenna Gain (dBi) | Tx 1 Spur Power (dBm) | Tx 2 Spur Power (dBm) | Duty Cycle (dB) | Total Conducted Spur (dBm) | Limit (dB) | Margin (dB) |
|-------------------------------------|----------|-------------------------------|-----------------------|-----------------------|-----------------|----------------------------|------------|-------------|
| Non HT20, 6 to 54 Mbps | 1 | 8 | -62.1 | | 0.23 | -53.9 | -41 | 12.62 |
| Non HT20, 6 to 54 Mbps | 2 | 8 | -63.7 | -62.5 | 0.23 | -51.8 | -41 | 10.57 |
| Non HT20 Beam Forming, 6 to 54 Mbps | 2 | 11 | -63.7 | -62.5 | 0.23 | -48.8 | -41 | 7.57 |
| HT/VHT20, M0 to M7 | 1 | 8 | -62.5 | | 0.52 | -54.0 | -41 | 12.73 |
| HT/VHT20, M0 to M7 | 2 | 8 | -64.1 | -62.6 | 0.52 | -51.8 | -41 | 10.51 |
| HT/VHT20, M8 to M15 | 2 | 8 | -63.4 | -62.2 | 0.52 | -51.2 | -41 | 9.98 |
| HT/VHT20 Beam Forming, M0 to M7 | 2 | 11 | -64.1 | -62.6 | 0.52 | -48.8 | -41 | 7.51 |
| HT/VHT20 Beam Forming, M8 to M15 | 2 | 8 | -63.4 | -62.2 | 0.52 | -51.2 | -41 | 9.98 |
| HT/VHT20 STBC, M8 to M15 | 2 | 8 | -63.4 | -62.2 | 0.52 | -51.2 | -41 | 9.98 |
| HE20, M0 to M11 1ss | 1 | 8 | -63.7 | | 0.36 | -55.3 | -41 | 14.09 |
| HE20, M0 to M11 1ss | 2 | 8 | -63.9 | -62.7 | 0.36 | -51.9 | -41 | 10.64 |
| HE20, M0 to M11 2ss | 2 | 8 | -63.7 | -62.2 | 0.36 | -51.5 | -41 | 10.27 |
| HE20 Beam Forming, M0 to M11 1ss | 2 | 11 | -63.9 | -62.7 | 0.36 | -48.9 | -41 | 7.64 |
| HE20 Beam Forming, M0 to M11 2ss | 2 | 8 | -63.7 | -62.2 | 0.36 | -51.5 | -41 | 10.27 |
| HE20 STBC, M0 to M11 2ss | 2 | 8 | -63.7 | -62.2 | 0.36 | -51.5 | -41 | 10.27 |

Data Screenshots – Antenna gain 8dBi

5290 MHz: HE80 Beam Forming, M0 to M11 1ss

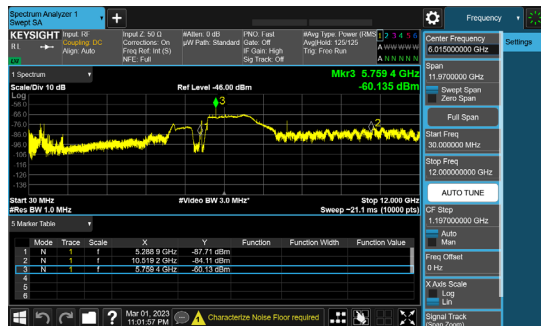


Antenna A

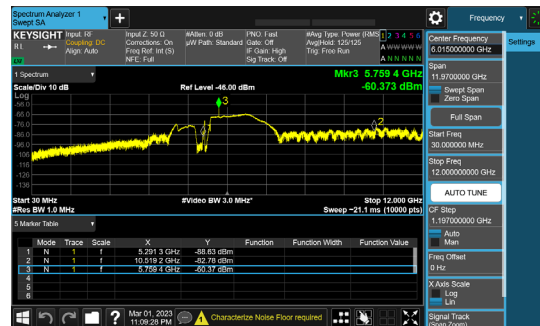


Antenna B

5290 MHz: VHT80 Beam Forming, M0 to M11 1ss

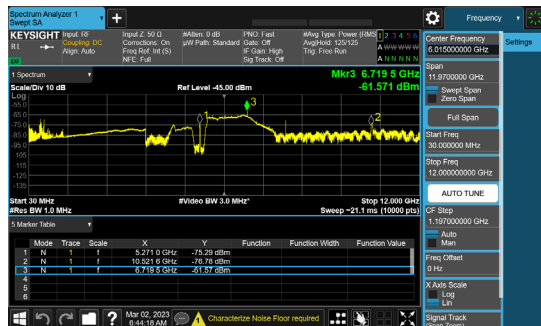


Antenna A

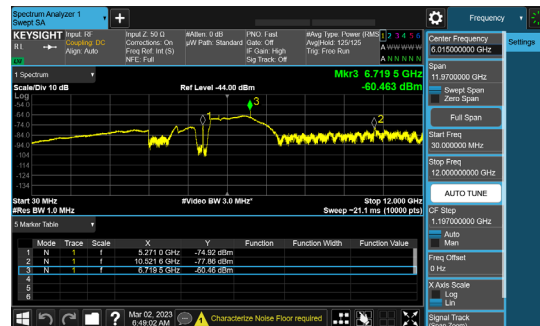


Antenna B

5270 MHz: HE40 Beam Forming, M0 to M11 1ss



Antenna A



Antenna B

Conducted Spurs Peak – Antenna Gain 8dBi.

Frequency 5260 MHz

| Mode | Tx Paths | Correlated Antenna Gain (dBi) | Tx 1 Spur Power (dBm) | Tx 2 Spur Power (dBm) | Duty Cycle (dB) | Total Conducted Spur (dBm) | Limit (dB) | Margin (dB) |
|-------------------------------------|----------|-------------------------------|-----------------------|-----------------------|-----------------|----------------------------|------------|-------------|
| Non HT20, 6 to 54 Mbps | 1 | 8 | -62.9 | | 0.23 | -54.7 | -27 | 27.67 |
| Non HT20, 6 to 54 Mbps | 2 | 8 | -63.3 | -63.1 | 0.23 | -52.0 | -27 | 24.96 |
| Non HT20 Beam Forming, 6 to 54 Mbps | 2 | 11 | -63.3 | -63.1 | 0.23 | -49.0 | -27 | 21.96 |
| HT/VHT20, M0 to M7 | 1 | 8 | -63.1 | | 0.52 | -54.6 | -27 | 27.58 |
| HT/VHT20, M0 to M7 | 2 | 8 | -63.2 | -63.7 | 0.52 | -51.9 | -27 | 24.91 |
| HT/VHT20, M8 to M15 | 2 | 8 | -63.4 | -63.7 | 0.52 | -52.0 | -27 | 25.02 |
| HT/VHT20 Beam Forming, M0 to M7 | 2 | 11 | -63.2 | -63.7 | 0.52 | -48.9 | -27 | 21.91 |
| HT/VHT20 Beam Forming, M8 to M15 | 2 | 8 | -63.4 | -63.7 | 0.52 | -52.0 | -27 | 25.02 |
| HT/VHT20 STBC, M8 to M15 | 2 | 8 | -63.4 | -63.7 | 0.52 | -52.0 | -27 | 25.02 |
| HE20, M0 to M11 1ss | 1 | 8 | -63.2 | | 0.36 | -54.8 | -27 | 27.84 |
| HE20, M0 to M11 1ss | 2 | 8 | -63.5 | -61.8 | 0.36 | -51.2 | -27 | 24.2 |
| HE20, M0 to M11 2ss | 2 | 8 | -63.4 | -63.3 | 0.36 | -52.0 | -27 | 24.98 |
| HE20 Beam Forming, M0 to M11 1ss | 2 | 11 | -63.5 | -61.8 | 0.36 | -48.2 | -27 | 21.2 |
| HE20 Beam Forming, M0 to M11 2ss | 2 | 8 | -63.4 | -63.3 | 0.36 | -52.0 | -27 | 24.98 |
| HE20 STBC, M0 to M11 2ss | 2 | 8 | -63.4 | -63.3 | 0.36 | -52.0 | -27 | 24.98 |

Frequency 5270 MHz

| Mode | Tx Paths | Correlated Antenna Gain (dBi) | Tx 1 Spur Power (dBm) | Tx 2 Spur Power (dBm) | Duty Cycle (dB) | Total Conducted Spur (dBm) | Limit (dB) | Margin (dB) |
|----------------------------------|----------|-------------------------------|-----------------------|-----------------------|-----------------|----------------------------|------------|-------------|
| Non HT40, 6 to 54 Mbps | 1 | 8 | -62.9 | | 0.28 | -54.6 | -27 | 27.62 |
| Non HT40, 6 to 54 Mbps | 2 | 8 | -63.0 | -62.1 | 0.28 | -51.2 | -27 | 24.24 |
| HT/VHT40, M0 to M7 | 1 | 8 | -63.6 | | 0.3 | -55.3 | -27 | 28.3 |
| HT/VHT40, M0 to M7 | 2 | 8 | -63.5 | -63.6 | 0.3 | -52.2 | -27 | 25.24 |
| HT/VHT40, M8 to M15 | 2 | 8 | -63.6 | -63.6 | 0.3 | -52.3 | -27 | 25.29 |
| HT/VHT40 Beam Forming, M0 to M7 | 2 | 11 | -63.5 | -63.6 | 0.3 | -49.2 | -27 | 22.24 |
| HT/VHT40 Beam Forming, M8 to M15 | 2 | 8 | -63.6 | -63.6 | 0.3 | -52.3 | -27 | 25.29 |
| HT/VHT40 STBC, M8 to M15 | 2 | 8 | -63.6 | -63.6 | 0.3 | -52.3 | -27 | 25.29 |
| HE40, M0 to M11 1ss | 1 | 8 | -63.2 | | 0.3 | -54.9 | -27 | 27.9 |
| HE40, M0 to M11 1ss | 2 | 8 | -63.2 | -63.3 | 0.3 | -51.9 | -27 | 24.94 |
| HE40, M0 to M11 2ss | 2 | 8 | -63.2 | -62.8 | 0.3 | -51.7 | -27 | 24.69 |
| HE40 Beam Forming, M0 to M11 1ss | 2 | 11 | -63.2 | -63.3 | 0.3 | -48.9 | -27 | 21.94 |
| HE40 Beam Forming, M0 to M11 2ss | 2 | 8 | -63.2 | -62.8 | 0.3 | -51.7 | -27 | 24.69 |
| HE40 STBC, M0 to M11 2ss | 2 | 8 | -63.2 | -62.8 | 0.3 | -51.7 | -27 | 24.69 |

Frequency 5290 MHz

| Mode | Tx Paths | Correlated Antenna Gain (dBi) | Tx 1 Spur Power (dBm) | Tx 2 Spur Power (dBm) | Duty Cycle (dB) | Total Conducted Spur (dBm) | Limit (dB) | Margin (dB) |
|-----------------------------------|----------|-------------------------------|-----------------------|-----------------------|-----------------|----------------------------|------------|-------------|
| Non HT80, 6 to 54 Mbps | 1 | 8 | -62.7 | | 0.23 | -54.5 | -27 | 27.47 |
| Non HT80, 6 to 54 Mbps | 2 | 8 | -63.1 | -62.5 | 0.23 | -51.5 | -27 | 24.55 |
| VHT80, M0 to M11 1ss | 1 | 8 | -62.8 | | 0.3 | -54.5 | -27 | 27.5 |
| VHT80, M0 to M11 1ss | 2 | 8 | -63.5 | -62.9 | 0.3 | -51.9 | -27 | 24.88 |
| VHT80, M0 to M11 2ss | 2 | 8 | -63.5 | -62.9 | 0.3 | -51.9 | -27 | 24.88 |
| VHT80 Beam Forming, M0 to M11 1ss | 2 | 11 | -62.9 | -63.4 | 0.3 | -48.8 | -27 | 21.83 |
| VHT80 Beam Forming, M0 to M11 2ss | 2 | 8 | -63.5 | -62.9 | 0.3 | -51.9 | -27 | 24.88 |
| VHT80 STBC, M0 to M11 2ss | 2 | 8 | -63.5 | -62.9 | 0.3 | -51.9 | -27 | 24.88 |
| HE80, M0 to M11 1ss | 1 | 8 | -63.3 | | 0.35 | -54.9 | -27 | 27.95 |
| HE80, M0 to M11 1ss | 2 | 8 | -62.5 | -63.1 | 0.35 | -51.4 | -27 | 24.43 |
| HE80, M0 to M11 2ss | 2 | 8 | -62.5 | -63.1 | 0.35 | -51.4 | -27 | 24.43 |
| HE80 Beam Forming, M0 to M11 1ss | 2 | 11 | -62.7 | -63.2 | 0.35 | -48.6 | -27 | 21.58 |
| HE80 Beam Forming, M0 to M11 2ss | 2 | 8 | -62.5 | -63.1 | 0.35 | -51.4 | -27 | 24.43 |
| HE80 STBC, M0 to M11 2ss | 2 | 8 | -62.5 | -63.1 | 0.35 | -51.4 | -27 | 24.43 |

Frequency 5300 MHz

| Mode | Tx Paths | Correlated Antenna Gain (dBi) | Tx 1 Spur Power (dBm) | Tx 2 Spur Power (dBm) | Duty Cycle (dB) | Total Conducted Spur (dBm) | Limit (dB) | Margin (dB) |
|-------------------------------------|----------|-------------------------------|-----------------------|-----------------------|-----------------|----------------------------|------------|-------------|
| Non HT20, 6 to 54 Mbps | 1 | 8 | -57.9 | | 0.23 | -49.7 | -27 | 22.67 |
| Non HT20, 6 to 54 Mbps | 2 | 8 | -62.0 | -63.4 | 0.23 | -51.4 | -27 | 24.4 |
| Non HT20 Beam Forming, 6 to 54 Mbps | 2 | 11 | -62.0 | -63.4 | 0.23 | -48.4 | -27 | 21.4 |
| HT/VHT20, M0 to M7 | 1 | 8 | -57.3 | | 0.52 | -48.8 | -27 | 21.78 |
| HT/VHT20, M0 to M7 | 2 | 8 | -62.9 | -63.2 | 0.52 | -51.5 | -27 | 24.52 |
| HT/VHT20, M8 to M15 | 2 | 8 | -60.1 | -61.9 | 0.52 | -49.4 | -27 | 22.38 |
| HT/VHT20 Beam Forming, M0 to M7 | 2 | 11 | -62.9 | -63.2 | 0.52 | -48.5 | -27 | 21.52 |
| HT/VHT20 Beam Forming, M8 to M15 | 2 | 8 | -60.1 | -61.9 | 0.52 | -49.4 | -27 | 22.38 |
| HT/VHT20 STBC, M8 to M15 | 2 | 8 | -60.1 | -61.9 | 0.52 | -49.4 | -27 | 22.38 |
| HE20, M0 to M11 1ss | 1 | 8 | -58.7 | | 0.36 | -50.3 | -27 | 23.34 |
| HE20, M0 to M11 1ss | 2 | 8 | -62.8 | -62.5 | 0.36 | -51.3 | -27 | 24.28 |
| HE20, M0 to M11 2ss | 2 | 8 | -60.9 | -61.3 | 0.36 | -49.7 | -27 | 22.73 |
| HE20 Beam Forming, M0 to M11 1ss | 2 | 11 | -62.8 | -62.5 | 0.36 | -48.3 | -27 | 21.28 |
| HE20 Beam Forming, M0 to M11 2ss | 2 | 8 | -60.9 | -61.3 | 0.36 | -49.7 | -27 | 22.73 |
| HE20 STBC, M0 to M11 2ss | 2 | 8 | -60.9 | -61.3 | 0.36 | -49.7 | -27 | 22.73 |

Frequency 5310 MHz

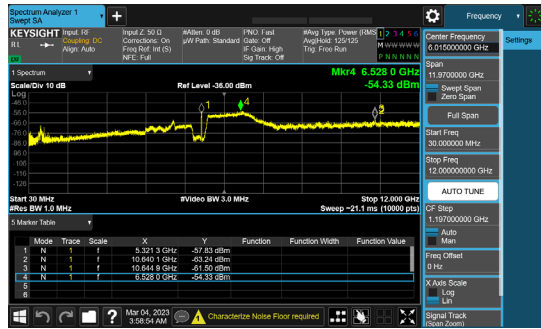
| Mode | Tx Paths | Correlated Antenna Gain (dBi) | Tx 1 Spur Power (dBm) | Tx 2 Spur Power (dBm) | Duty Cycle (dB) | Total Conducted Spur (dBm) | Limit (dB) | Margin (dB) |
|----------------------------------|----------|-------------------------------|-----------------------|-----------------------|-----------------|----------------------------|------------|-------------|
| Non HT40, 6 to 54 Mbps | 1 | 8 | -62.5 | | 0.28 | -54.2 | -27 | 27.22 |
| Non HT40, 6 to 54 Mbps | 2 | 8 | -62.5 | -63.3 | 0.28 | -51.6 | -27 | 24.59 |
| HT/VHT40, M0 to M7 | 1 | 8 | -61.3 | | 0.3 | -53.0 | -27 | 26.0 |
| HT/VHT40, M0 to M7 | 2 | 8 | -63.4 | -62.9 | 0.3 | -51.8 | -27 | 24.83 |
| HT/VHT40, M8 to M15 | 2 | 8 | -63.4 | -62.9 | 0.3 | -51.8 | -27 | 24.83 |
| HT/VHT40 Beam Forming, M0 to M7 | 2 | 11 | -63.2 | -63.2 | 0.3 | -48.9 | -27 | 21.89 |
| HT/VHT40 Beam Forming, M8 to M15 | 2 | 8 | -63.4 | -62.9 | 0.3 | -51.8 | -27 | 24.83 |
| HT/VHT40 STBC, M8 to M15 | 2 | 8 | -63.4 | -62.9 | 0.3 | -51.8 | -27 | 24.83 |
| HE40, M0 to M11 1ss | 1 | 8 | -62.2 | | 0.3 | -53.9 | -27 | 26.9 |
| HE40, M0 to M11 1ss | 2 | 8 | -62.8 | -62.8 | 0.3 | -51.5 | -27 | 24.49 |
| HE40, M0 to M11 2ss | 2 | 8 | -62.8 | -62.8 | 0.3 | -51.5 | -27 | 24.49 |
| HE40 Beam Forming, M0 to M11 1ss | 2 | 11 | -63.8 | -63.3 | 0.3 | -49.2 | -27 | 22.24 |
| HE40 Beam Forming, M0 to M11 2ss | 2 | 8 | -62.8 | -62.8 | 0.3 | -51.5 | -27 | 24.49 |
| HE40 STBC, M0 to M11 2ss | 2 | 8 | -62.8 | -62.8 | 0.3 | -51.5 | -27 | 24.49 |

Frequency 5320 MHz

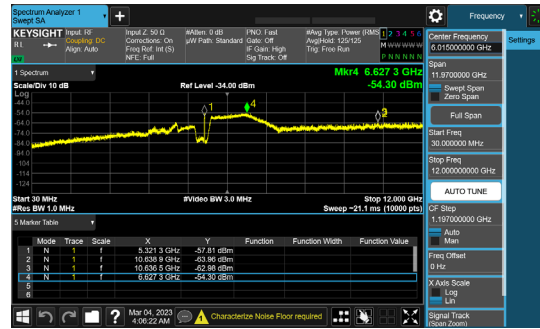
| Mode | Tx Paths | Correlated Antenna Gain (dBi) | Tx 1 Spur Power (dBm) | Tx 2 Spur Power (dBm) | Duty Cycle (dB) | Total Conducted Spur (dBm) | Limit (dB) | Margin (dB) |
|---|----------|-------------------------------|-----------------------|-----------------------|-----------------|----------------------------|------------|--------------|
| Non HT20, 6 to 54 Mbps | 1 | 8 | -58.6 | | 0.23 | -50.4 | -27 | 23.37 |
| Non HT20, 6 to 54 Mbps | 2 | 8 | -62.9 | -63.0 | 0.23 | -51.7 | -27 | 24.71 |
| Non HT20 Beam Forming, 6 to 54 Mbps | 2 | 11 | -62.9 | -63.0 | 0.23 | -48.7 | -27 | 21.71 |
| HT/VHT20, M0 to M7 | 1 | 8 | -57.7 | | 0.52 | -49.2 | -27 | 22.18 |
| HT/VHT20, M0 to M7 | 2 | 8 | -61.5 | -63.0 | 0.52 | -50.7 | -27 | 23.66 |
| HT/VHT20, M8 to M15 | 2 | 8 | -58.1 | -61.6 | 0.52 | -48.0 | -27 | 20.98 |
| HT/VHT20 Beam Forming, M0 to M7 | 2 | 11 | -61.5 | -63.0 | 0.52 | -47.7 | -27 | 20.66 |
| HT/VHT20 Beam Forming, M8 to M15 | 2 | 8 | -58.1 | -61.6 | 0.52 | -48.0 | -27 | 20.98 |
| HT/VHT20 STBC, M8 to M15 | 2 | 8 | -58.1 | -61.6 | 0.52 | -48.0 | -27 | 20.98 |
| HE20, M0 to M11 1ss | 1 | 8 | -59.0 | | 0.36 | -50.6 | -27 | 23.64 |
| HE20, M0 to M11 1ss | 2 | 8 | -63.4 | -63.5 | 0.36 | -52.1 | -27 | 25.08 |
| HE20, M0 to M11 2ss | 2 | 8 | -59.0 | -61.3 | 0.36 | -48.6 | -27 | 21.63 |
| HE20 Beam Forming, M0 to M11 1ss | 2 | 11 | -63.4 | -63.5 | 0.36 | -49.1 | -27 | 22.08 |
| HE20 Beam Forming, M0 to M11 2ss | 2 | 8 | -59.0 | -61.3 | 0.36 | -48.6 | -27 | 21.63 |
| HE20 STBC, M0 to M11 2ss | 2 | 8 | -59.0 | -61.3 | 0.36 | -48.6 | -27 | 21.63 |

Data Screenshots – Antenna gain 8dBi

5320 MHz: HT/VHT20 Beam Forming, M0 to M7

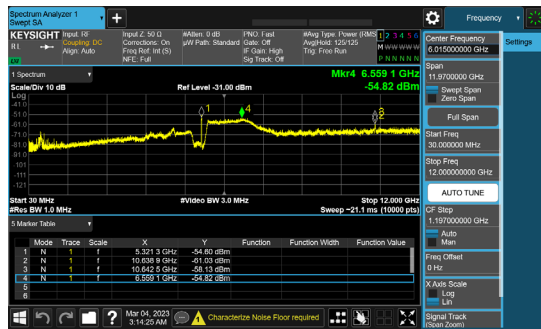


Antenna A

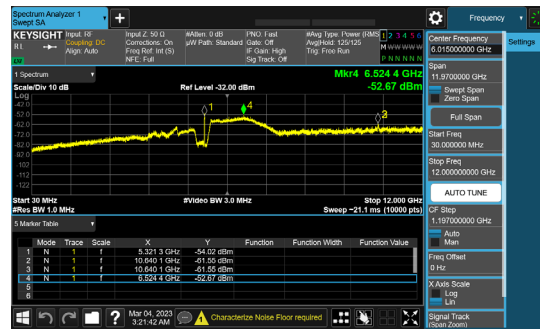


Antenna B

5320 MHz: HT/VHT20, M8 to M15



Antenna A

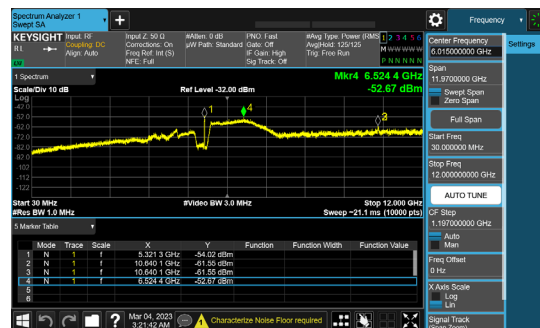


Antenna B

5320 MHz: HT/VHT20 Beam Forming, M8 to M15



Antenna A



Antenna B

Conducted Spurs Average – Antenna gain 10dBi.

Frequency 5260 MHz

| Mode | Tx Paths | Correlated Antenna Gain (dBi) | Tx 1 Spur Power (dBm) | Tx 2 Spur Power (dBm) | Duty Cycle (dB) | Total Conducted Spur (dBm) | Limit (dB) | Margin (dB) |
|-------------------------------------|----------|-------------------------------|-----------------------|-----------------------|-----------------|----------------------------|------------|-------------|
| Non HT20, 6 to 54 Mbps | 1 | 10 | -61.9 | | 0.23 | -51.7 | -41 | 10.42 |
| Non HT20, 6 to 54 Mbps | 2 | 10 | -62.9 | -62.2 | 0.23 | -49.3 | -41 | 8.05 |
| Non HT20 Beam Forming, 6 to 54 Mbps | 2 | 10 | -62.9 | -62.2 | 0.23 | -49.3 | -41 | 8.05 |
| HT/VHT20, M0 to M7 | 1 | 10 | -61.1 | | 0.52 | -50.6 | -41 | 9.33 |
| HT/VHT20, M0 to M7 | 2 | 10 | -63.1 | -61.7 | 0.52 | -48.8 | -41 | 7.56 |
| HT/VHT20, M8 to M15 | 2 | 10 | -63.1 | -61.7 | 0.52 | -48.8 | -41 | 7.56 |
| HT/VHT20 Beam Forming, M0 to M7 | 2 | 10 | -63.1 | -61.7 | 0.52 | -48.8 | -41 | 7.56 |
| HT/VHT20 Beam Forming, M8 to M15 | 2 | 10 | -63.1 | -61.7 | 0.52 | -48.8 | -41 | 7.56 |
| HT/VHT20 STBC, M8 to M15 | 2 | 10 | -63.1 | -61.7 | 0.52 | -48.8 | -41 | 7.56 |
| HE20, M0 to M11 1ss | 1 | 10 | -61.0 | | 0.36 | -50.6 | -41 | 9.39 |
| HE20, M0 to M11 1ss | 2 | 10 | -62.4 | -61.7 | 0.36 | -48.7 | -41 | 7.42 |
| HE20, M0 to M11 2ss | 2 | 10 | -62.4 | -61.7 | 0.36 | -48.7 | -41 | 7.42 |
| HE20 Beam Forming, M0 to M11 1ss | 2 | 10 | -62.4 | -61.7 | 0.36 | -48.7 | -41 | 7.42 |
| HE20 Beam Forming, M0 to M11 2ss | 2 | 10 | -62.4 | -61.7 | 0.36 | -48.7 | -41 | 7.42 |
| HE20 STBC, M0 to M11 2ss | 2 | 10 | -62.4 | -61.7 | 0.36 | -48.7 | -41 | 7.42 |

Frequency 5270 MHz

| Mode | Tx Paths | Correlated Antenna Gain (dBi) | Tx 1 Spur Power (dBm) | Tx 2 Spur Power (dBm) | Duty Cycle (dB) | Total Conducted Spur (dBm) | Limit (dB) | Margin (dB) |
|----------------------------------|----------|-------------------------------|-----------------------|-----------------------|-----------------|----------------------------|------------|-------------|
| Non HT40, 6 to 54 Mbps | 1 | 10 | -61.6 | | 0.28 | -51.3 | -41 | 10.07 |
| Non HT40, 6 to 54 Mbps | 2 | 10 | -61.4 | -61.6 | 0.28 | -48.2 | -41 | 6.96 |
| HT/VHT40, M0 to M7 | 1 | 10 | -60.6 | | 0.3 | -50.3 | -41 | 9.05 |
| HT/VHT40, M0 to M7 | 2 | 10 | -60.8 | -61.0 | 0.3 | -47.6 | -41 | 6.34 |
| HT/VHT40, M8 to M15 | 2 | 10 | -60.8 | -61.0 | 0.3 | -47.6 | -41 | 6.34 |
| HT/VHT40 Beam Forming, M0 to M7 | 2 | 10 | -60.8 | -61.0 | 0.3 | -47.6 | -41 | 6.34 |
| HT/VHT40 Beam Forming, M8 to M15 | 2 | 10 | -60.8 | -61.0 | 0.3 | -47.6 | -41 | 6.34 |
| HT/VHT40 STBC, M8 to M15 | 2 | 10 | -60.8 | -61.0 | 0.3 | -47.6 | -41 | 6.34 |
| HE40, M0 to M11 1ss | 1 | 10 | -60.5 | | 0.3 | -50.2 | -41 | 8.95 |
| HE40, M0 to M11 1ss | 2 | 10 | -61.6 | -60.5 | 0.3 | -47.7 | -41 | 6.46 |
| HE40, M0 to M11 2ss | 2 | 10 | -61.6 | -60.5 | 0.3 | -47.7 | -41 | 6.46 |
| HE40 Beam Forming, M0 to M11 1ss | 2 | 10 | -61.6 | -60.5 | 0.3 | -47.7 | -41 | 6.46 |
| HE40 Beam Forming, M0 to M11 2ss | 2 | 10 | -61.6 | -60.5 | 0.3 | -47.7 | -41 | 6.46 |
| HE40 STBC, M0 to M11 2ss | 2 | 10 | -61.6 | -60.5 | 0.3 | -47.7 | -41 | 6.46 |

Frequency 5290 MHz

| Mode | Tx Paths | Correlated Antenna Gain (dBi) | Tx 1 Spur Power (dBm) | Tx 2 Spur Power (dBm) | Duty Cycle (dB) | Total Conducted Spur (dBm) | Limit (dB) | Margin (dB) |
|--|-----------------|--------------------------------------|------------------------------|------------------------------|------------------------|-----------------------------------|-------------------|--------------------|
| Non HT80, 6 to 54 Mbps | 1 | 10 | -60.0 | | 0.23 | -49.8 | -41 | 8.52 |
| Non HT80, 6 to 54 Mbps | 2 | 10 | -59.8 | -60.4 | 0.23 | -46.8 | -41 | 5.6 |
| VHT80, M0 to M11 1ss | 1 | 10 | -60.0 | | 0.3 | -49.7 | -41 | 8.45 |
| VHT80, M0 to M11 1ss | 2 | 10 | -59.6 | -60.3 | 0.3 | -46.6 | -41 | 5.38 |
| VHT80, M0 to M11 2ss | 2 | 10 | -59.6 | -60.3 | 0.3 | -46.6 | -41 | 5.38 |
| VHT80 Beam Forming, M0 to M11 1ss | 2 | 10 | -59.6 | -60.3 | 0.3 | -46.6 | -41 | 5.38 |
| VHT80 Beam Forming, M0 to M11 2ss | 2 | 10 | -59.6 | -60.3 | 0.3 | -46.6 | -41 | 5.38 |
| VHT80 STBC, M0 to M11 2ss | 2 | 10 | -59.6 | -60.3 | 0.3 | -46.6 | -41 | 5.38 |
| HE80, M0 to M11 1ss | 1 | 10 | -59.7 | | 0.35 | -49.3 | -41 | 8.1 |
| HE80, M0 to M11 1ss | 2 | 10 | -59.7 | -60.6 | 0.35 | -46.8 | -41 | 5.52 |
| HE80, M0 to M11 2ss | 2 | 10 | -59.7 | -60.6 | 0.35 | -46.8 | -41 | 5.52 |
| HE80 Beam Forming, M0 to M11 1ss | 2 | 10 | -59.7 | -60.6 | 0.35 | -46.8 | -41 | 5.52 |
| HE80 Beam Forming, M0 to M11 2ss | 2 | 10 | -59.7 | -60.6 | 0.35 | -46.8 | -41 | 5.52 |
| HE80 STBC, M0 to M11 2ss | 2 | 10 | -59.7 | -60.6 | 0.35 | -46.8 | -41 | 5.52 |

Frequency 5300 MHz

| Mode | Tx Paths | Correlated Antenna Gain (dBi) | Tx 1 Spur Power (dBm) | Tx 2 Spur Power (dBm) | Duty Cycle (dB) | Total Conducted Spur (dBm) | Limit (dB) | Margin (dB) |
|-------------------------------------|-----------------|--------------------------------------|------------------------------|------------------------------|------------------------|-----------------------------------|-------------------|--------------------|
| Non HT20, 6 to 54 Mbps | 1 | 10 | -61.5 | | 0.23 | -51.3 | -41 | 10.02 |
| Non HT20, 6 to 54 Mbps | 2 | 10 | -62.5 | -61.9 | 0.23 | -48.9 | -41 | 7.7 |
| Non HT20 Beam Forming, 6 to 54 Mbps | 2 | 10 | -62.5 | -61.9 | 0.23 | -48.9 | -41 | 7.7 |
| HT/VHT20, M0 to M7 | 1 | 10 | -60.9 | | 0.52 | -50.4 | -41 | 9.13 |
| HT/VHT20, M0 to M7 | 2 | 10 | -62.6 | -61.5 | 0.52 | -48.5 | -41 | 7.24 |
| HT/VHT20, M8 to M15 | 2 | 10 | -62.6 | -61.5 | 0.52 | -48.5 | -41 | 7.24 |
| HT/VHT20 Beam Forming, M0 to M7 | 2 | 10 | -62.6 | -61.5 | 0.52 | -48.5 | -41 | 7.24 |
| HT/VHT20 Beam Forming, M8 to M15 | 2 | 10 | -62.6 | -61.5 | 0.52 | -48.5 | -41 | 7.24 |
| HT/VHT20 STBC, M8 to M15 | 2 | 10 | -62.6 | -61.5 | 0.52 | -48.5 | -41 | 7.24 |
| HE20, M0 to M11 1ss | 1 | 10 | -61.3 | | 0.36 | -50.9 | -41 | 9.69 |
| HE20, M0 to M11 1ss | 2 | 10 | -62.4 | -61.6 | 0.36 | -48.6 | -41 | 7.36 |
| HE20, M0 to M11 2ss | 2 | 10 | -62.4 | -61.6 | 0.36 | -48.6 | -41 | 7.36 |
| HE20 Beam Forming, M0 to M11 1ss | 2 | 10 | -62.4 | -61.6 | 0.36 | -48.6 | -41 | 7.36 |
| HE20 Beam Forming, M0 to M11 2ss | 2 | 10 | -62.4 | -61.6 | 0.36 | -48.6 | -41 | 7.36 |
| HE20 STBC, M0 to M11 2ss | 2 | 10 | -62.4 | -61.6 | 0.36 | -48.6 | -41 | 7.36 |

Frequency 5310 MHz

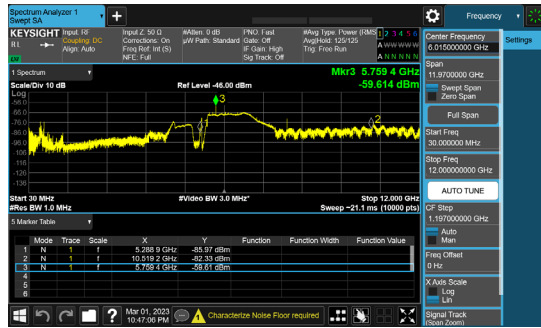
| Mode | Tx Paths | Correlated Antenna Gain (dBi) | Tx 1 Spur Power (dBm) | Tx 2 Spur Power (dBm) | Duty Cycle (dB) | Total Conducted Spur (dBm) | Limit (dB) | Margin (dB) |
|----------------------------------|----------|-------------------------------|-----------------------|-----------------------|-----------------|----------------------------|------------|-------------|
| Non HT40, 6 to 54 Mbps | 1 | 10 | -61.8 | | 0.28 | -51.5 | -41 | 10.27 |
| Non HT40, 6 to 54 Mbps | 2 | 10 | -62.1 | -61.2 | 0.28 | -48.3 | -41 | 7.09 |
| HT/VHT40, M0 to M7 | 1 | 10 | -61.8 | | 0.3 | -51.5 | -41 | 10.25 |
| HT/VHT40, M0 to M7 | 2 | 10 | -61.8 | -61.4 | 0.3 | -48.3 | -41 | 7.04 |
| HT/VHT40, M8 to M15 | 2 | 10 | -61.8 | -61.4 | 0.3 | -48.3 | -41 | 7.04 |
| HT/VHT40 Beam Forming, M0 to M7 | 2 | 10 | -61.8 | -61.4 | 0.3 | -48.3 | -41 | 7.04 |
| HT/VHT40 Beam Forming, M8 to M15 | 2 | 10 | -61.8 | -61.4 | 0.3 | -48.3 | -41 | 7.04 |
| HT/VHT40 STBC, M8 to M15 | 2 | 10 | -61.8 | -61.4 | 0.3 | -48.3 | -41 | 7.04 |
| HE40, M0 to M11 1ss | 1 | 10 | -62.6 | | 0.3 | -52.3 | -41 | 11.05 |
| HE40, M0 to M11 1ss | 2 | 10 | -62.7 | -61.5 | 0.3 | -48.8 | -41 | 7.5 |
| HE40, M0 to M11 2ss | 2 | 10 | -62.7 | -61.5 | 0.3 | -48.8 | -41 | 7.5 |
| HE40 Beam Forming, M0 to M11 1ss | 2 | 10 | -62.7 | -61.5 | 0.3 | -48.8 | -41 | 7.5 |
| HE40 Beam Forming, M0 to M11 2ss | 2 | 10 | -62.7 | -61.5 | 0.3 | -48.8 | -41 | 7.5 |
| HE40 STBC, M0 to M11 2ss | 2 | 10 | -62.7 | -61.5 | 0.3 | -48.8 | -41 | 7.5 |

Frequency 5320 MHz

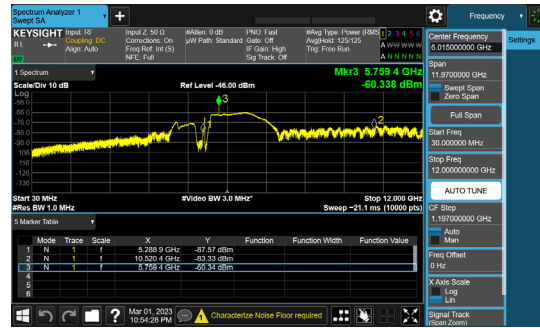
| Mode | Tx Paths | Correlated Antenna Gain (dBi) | Tx 1 Spur Power (dBm) | Tx 2 Spur Power (dBm) | Duty Cycle (dB) | Total Conducted Spur (dBm) | Limit (dB) | Margin (dB) |
|-------------------------------------|----------|-------------------------------|-----------------------|-----------------------|-----------------|----------------------------|------------|-------------|
| Non HT20, 6 to 54 Mbps | 1 | 10 | -62.1 | | 0.23 | -51.9 | -41 | 10.62 |
| Non HT20, 6 to 54 Mbps | 2 | 10 | -63.9 | -62.1 | 0.23 | -49.7 | -41 | 8.42 |
| Non HT20 Beam Forming, 6 to 54 Mbps | 2 | 10 | -63.9 | -62.1 | 0.23 | -49.7 | -41 | 8.42 |
| HT/VHT20, M0 to M7 | 1 | 10 | -62.3 | | 0.52 | -51.8 | -41 | 10.53 |
| HT/VHT20, M0 to M7 | 2 | 10 | -63.8 | -62.8 | 0.52 | -49.7 | -41 | 8.49 |
| HT/VHT20, M8 to M15 | 2 | 10 | -63.8 | -62.8 | 0.52 | -49.7 | -41 | 8.49 |
| HT/VHT20 Beam Forming, M0 to M7 | 2 | 10 | -63.8 | -62.8 | 0.52 | -49.7 | -41 | 8.49 |
| HT/VHT20 Beam Forming, M8 to M15 | 2 | 10 | -63.8 | -62.8 | 0.52 | -49.7 | -41 | 8.49 |
| HT/VHT20 STBC, M8 to M15 | 2 | 10 | -63.8 | -62.8 | 0.52 | -49.7 | -41 | 8.49 |
| HE20, M0 to M11 1ss | 1 | 10 | -63.7 | | 0.36 | -53.3 | -41 | 12.09 |
| HE20, M0 to M11 1ss | 2 | 10 | -63.5 | -63.2 | 0.36 | -50.0 | -41 | 8.73 |
| HE20, M0 to M11 2ss | 2 | 10 | -63.5 | -63.2 | 0.36 | -50.0 | -41 | 8.73 |
| HE20 Beam Forming, M0 to M11 1ss | 2 | 10 | -63.5 | -63.2 | 0.36 | -50.0 | -41 | 8.73 |
| HE20 Beam Forming, M0 to M11 2ss | 2 | 10 | -63.5 | -63.2 | 0.36 | -50.0 | -41 | 8.73 |
| HE20 STBC, M0 to M11 2ss | 2 | 10 | -63.5 | -63.2 | 0.36 | -50.0 | -41 | 8.73 |

Data Screenshots – Antenna gain 10dBi

5290 MHz: VHT80, M0 to M11 1ss

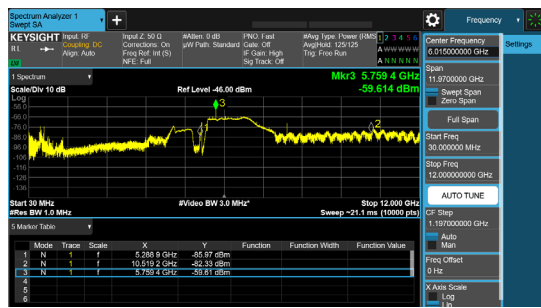


Antenna A

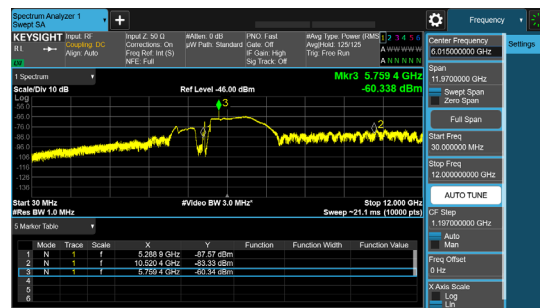


Antenna B

5290 MHz: VHT80, M0 to M11 2ss

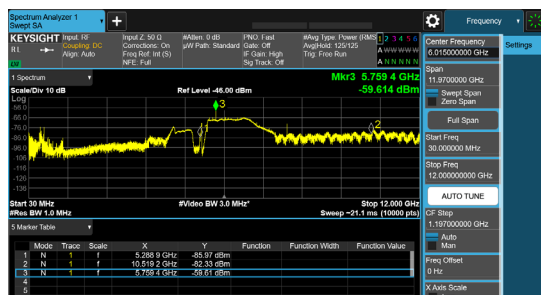


Antenna A

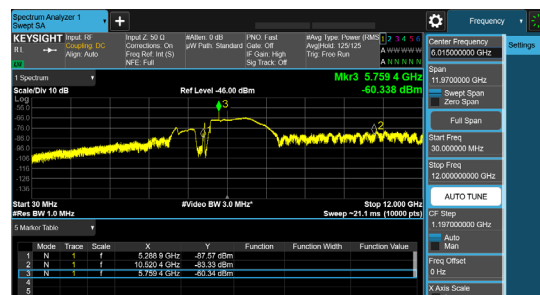


Antenna B

5290 MHz: VHT80 Beam Forming, M0 to M11 1ss



Antenna A



Antenna B

Conducted Spurs Peak – Antenna gain 10dBi.

Frequency 5260 MHz

| Mode | Tx Paths | Correlated Antenna Gain (dBi) | Tx 1 Spur Power (dBm) | Tx 2 Spur Power (dBm) | Duty Cycle (dB) | Total Conducted Spur (dBm) | Limit (dB) | Margin (dB) |
|-------------------------------------|----------|-------------------------------|-----------------------|-----------------------|-----------------|----------------------------|------------|-------------|
| Non HT20, 6 to 54 Mbps | 1 | 10 | -62.8 | | 0.23 | -52.6 | -27 | 25.57 |
| Non HT20, 6 to 54 Mbps | 2 | 10 | -63.3 | -63.1 | 0.23 | -50.0 | -27 | 22.96 |
| Non HT20 Beam Forming, 6 to 54 Mbps | 2 | 10 | -63.3 | -63.1 | 0.23 | -50.0 | -27 | 22.96 |
| HT/VHT20, M0 to M7 | 1 | 10 | -63.4 | | 0.52 | -52.9 | -27 | 25.88 |
| HT/VHT20, M0 to M7 | 2 | 10 | -63.2 | -63.7 | 0.52 | -49.9 | -27 | 22.91 |
| HT/VHT20, M8 to M15 | 2 | 10 | -63.2 | -63.7 | 0.52 | -49.9 | -27 | 22.91 |
| HT/VHT20 Beam Forming, M0 to M7 | 2 | 10 | -63.2 | -63.7 | 0.52 | -49.9 | -27 | 22.91 |
| HT/VHT20 Beam Forming, M8 to M15 | 2 | 10 | -63.2 | -63.7 | 0.52 | -49.9 | -27 | 22.91 |
| HT/VHT20 STBC, M8 to M15 | 2 | 10 | -63.2 | -63.7 | 0.52 | -49.9 | -27 | 22.91 |
| HE20, M0 to M11 1ss | 1 | 10 | -63.0 | | 0.36 | -52.6 | -27 | 25.64 |
| HE20, M0 to M11 1ss | 2 | 10 | -63.3 | -62.5 | 0.36 | -49.5 | -27 | 22.51 |
| HE20, M0 to M11 2ss | 2 | 10 | -63.3 | -62.5 | 0.36 | -49.5 | -27 | 22.51 |
| HE20 Beam Forming, M0 to M11 1ss | 2 | 10 | -63.3 | -62.5 | 0.36 | -49.5 | -27 | 22.51 |
| HE20 Beam Forming, M0 to M11 2ss | 2 | 10 | -63.3 | -62.5 | 0.36 | -49.5 | -27 | 22.51 |
| HE20 STBC, M0 to M11 2ss | 2 | 10 | -63.3 | -62.5 | 0.36 | -49.5 | -27 | 22.51 |

Frequency 5270 MHz

| Mode | Tx Paths | Correlated Antenna Gain (dBi) | Tx 1 Spur Power (dBm) | Tx 2 Spur Power (dBm) | Duty Cycle (dB) | Total Conducted Spur (dBm) | Limit (dB) | Margin (dB) |
|----------------------------------|----------|-------------------------------|-----------------------|-----------------------|-----------------|----------------------------|------------|-------------|
| Non HT40, 6 to 54 Mbps | 1 | 10 | -62.9 | | 0.28 | -52.6 | -27 | 25.62 |
| Non HT40, 6 to 54 Mbps | 2 | 10 | -63.1 | -63.0 | 0.28 | -49.8 | -27 | 22.76 |
| HT/VHT40, M0 to M7 | 1 | 10 | -63.6 | | 0.3 | -53.3 | -27 | 26.3 |
| HT/VHT40, M0 to M7 | 2 | 10 | -63.1 | -63.4 | 0.3 | -49.9 | -27 | 22.94 |
| HT/VHT40, M8 to M15 | 2 | 10 | -63.1 | -63.4 | 0.3 | -49.9 | -27 | 22.94 |
| HT/VHT40 Beam Forming, M0 to M7 | 2 | 10 | -63.1 | -63.4 | 0.3 | -49.9 | -27 | 22.94 |
| HT/VHT40 Beam Forming, M8 to M15 | 2 | 10 | -63.1 | -63.4 | 0.3 | -49.9 | -27 | 22.94 |
| HT/VHT40 STBC, M8 to M15 | 2 | 10 | -63.1 | -63.4 | 0.3 | -49.9 | -27 | 22.94 |
| HE40, M0 to M11 1ss | 1 | 10 | -63.2 | | 0.3 | -52.9 | -27 | 25.9 |
| HE40, M0 to M11 1ss | 2 | 10 | -63.2 | -63.3 | 0.3 | -49.9 | -27 | 22.94 |
| HE40, M0 to M11 2ss | 2 | 10 | -63.2 | -63.3 | 0.3 | -49.9 | -27 | 22.94 |
| HE40 Beam Forming, M0 to M11 1ss | 2 | 10 | -63.2 | -63.3 | 0.3 | -49.9 | -27 | 22.94 |
| HE40 Beam Forming, M0 to M11 2ss | 2 | 10 | -63.2 | -63.3 | 0.3 | -49.9 | -27 | 22.94 |
| HE40 STBC, M0 to M11 2ss | 2 | 10 | -63.2 | -63.3 | 0.3 | -49.9 | -27 | 22.94 |

Frequency 5290 MHz

| Mode | Tx Paths | Correlated Antenna Gain (dBi) | Tx 1 Spur Power (dBm) | Tx 2 Spur Power (dBm) | Duty Cycle (dB) | Total Conducted Spur (dBm) | Limit (dB) | Margin (dB) |
|-----------------------------------|-----------------|--------------------------------------|------------------------------|------------------------------|------------------------|-----------------------------------|-------------------|--------------------|
| Non HT80, 6 to 54 Mbps | 1 | 10 | -63.1 | | 0.23 | -52.9 | -27 | 25.87 |
| Non HT80, 6 to 54 Mbps | 2 | 10 | -63.8 | -62.7 | 0.23 | -50.0 | -27 | 22.97 |
| VHT80, M0 to M11 1ss | 1 | 10 | -63.5 | | 0.3 | -53.2 | -27 | 26.2 |
| VHT80, M0 to M11 1ss | 2 | 10 | -63.1 | -62.4 | 0.3 | -49.4 | -27 | 22.43 |
| VHT80, M0 to M11 2ss | 2 | 10 | -63.1 | -62.4 | 0.3 | -49.4 | -27 | 22.43 |
| VHT80 Beam Forming, M0 to M11 1ss | 2 | 10 | -63.1 | -62.4 | 0.3 | -49.4 | -27 | 22.43 |
| VHT80 Beam Forming, M0 to M11 2ss | 2 | 10 | -63.1 | -62.4 | 0.3 | -49.4 | -27 | 22.43 |
| VHT80 STBC, M0 to M11 2ss | 2 | 10 | -63.1 | -62.4 | 0.3 | -49.4 | -27 | 22.43 |
| HE80, M0 to M11 1ss | 1 | 10 | -62.5 | | 0.35 | -52.1 | -27 | 25.15 |
| HE80, M0 to M11 1ss | 2 | 10 | -62.7 | -63.2 | 0.35 | -49.6 | -27 | 22.58 |
| HE80, M0 to M11 2ss | 2 | 10 | -62.7 | -63.2 | 0.35 | -49.6 | -27 | 22.58 |
| HE80 Beam Forming, M0 to M11 1ss | 2 | 10 | -62.7 | -63.2 | 0.35 | -49.6 | -27 | 22.58 |
| HE80 Beam Forming, M0 to M11 2ss | 2 | 10 | -62.7 | -63.2 | 0.35 | -49.6 | -27 | 22.58 |
| HE80 STBC, M0 to M11 2ss | 2 | 10 | -62.7 | -63.2 | 0.35 | -49.6 | -27 | 22.58 |

Frequency 5300 MHz

| Mode | Tx Paths | Correlated Antenna Gain (dBi) | Tx 1 Spur Power (dBm) | Tx 2 Spur Power (dBm) | Duty Cycle (dB) | Total Conducted Spur (dBm) | Limit (dB) | Margin (dB) |
|---|-----------------|--------------------------------------|------------------------------|------------------------------|------------------------|-----------------------------------|-------------------|--------------------|
| Non HT20, 6 to 54 Mbps | 1 | 10 | -58.5 | | 0.23 | -48.3 | -27 | 21.27 |
| Non HT20, 6 to 54 Mbps | 2 | 10 | -61.0 | -62.7 | 0.23 | -48.5 | -27 | 21.53 |
| Non HT20 Beam Forming, 6 to 54 Mbps | 2 | 10 | -61.0 | -62.7 | 0.23 | -48.5 | -27 | 21.53 |
| HT/VHT20, M0 to M7 | 1 | 10 | -59.7 | | 0.52 | -49.2 | -27 | 22.18 |
| HT/VHT20, M0 to M7 | 2 | 10 | -62.3 | -63.2 | 0.52 | -49.2 | -27 | 22.2 |
| HT/VHT20, M8 to M15 | 2 | 10 | -62.3 | -63.2 | 0.52 | -49.2 | -27 | 22.2 |
| HT/VHT20 Beam Forming, M0 to M7 | 2 | 10 | -62.3 | -63.2 | 0.52 | -49.2 | -27 | 22.2 |
| HT/VHT20 Beam Forming, M8 to M15 | 2 | 10 | -62.3 | -63.2 | 0.52 | -49.2 | -27 | 22.2 |
| HT/VHT20 STBC, M8 to M15 | 2 | 10 | -62.3 | -63.2 | 0.52 | -49.2 | -27 | 22.2 |
| HE20, M0 to M11 1ss | 1 | 10 | -59.4 | | 0.36 | -49.0 | -27 | 22.04 |
| HE20, M0 to M11 1ss | 2 | 10 | -60.8 | -62.1 | 0.36 | -48.0 | -27 | 21.03 |
| HE20, M0 to M11 2ss | 2 | 10 | -60.8 | -62.1 | 0.36 | -48.0 | -27 | 21.03 |
| HE20 Beam Forming, M0 to M11 1ss | 2 | 10 | -60.8 | -62.1 | 0.36 | -48.0 | -27 | 21.03 |
| HE20 Beam Forming, M0 to M11 2ss | 2 | 10 | -60.8 | -62.1 | 0.36 | -48.0 | -27 | 21.03 |
| HE20 STBC, M0 to M11 2ss | 2 | 10 | -60.8 | -62.1 | 0.36 | -48.0 | -27 | 21.03 |

Frequency 5310 MHz

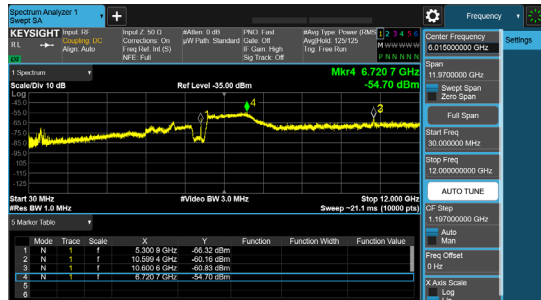
| Mode | Tx Paths | Correlated Antenna Gain (dBi) | Tx 1 Spur Power (dBm) | Tx 2 Spur Power (dBm) | Duty Cycle (dB) | Total Conducted Spur (dBm) | Limit (dB) | Margin (dB) |
|----------------------------------|----------|-------------------------------|-----------------------|-----------------------|-----------------|----------------------------|------------|-------------|
| Non HT40, 6 to 54 Mbps | 1 | 10 | -62.5 | | 0.28 | -52.2 | -27 | 25.22 |
| Non HT40, 6 to 54 Mbps | 2 | 10 | -63.1 | -62.5 | 0.28 | -49.5 | -27 | 22.5 |
| HT/VHT40, M0 to M7 | 1 | 10 | -63.4 | | 0.3 | -53.1 | -27 | 26.1 |
| HT/VHT40, M0 to M7 | 2 | 10 | -63.4 | -62.9 | 0.3 | -49.8 | -27 | 22.83 |
| HT/VHT40, M8 to M15 | 2 | 10 | -63.4 | -62.9 | 0.3 | -49.8 | -27 | 22.83 |
| HT/VHT40 Beam Forming, M0 to M7 | 2 | 10 | -63.4 | -62.9 | 0.3 | -49.8 | -27 | 22.83 |
| HT/VHT40 Beam Forming, M8 to M15 | 2 | 10 | -63.4 | -62.9 | 0.3 | -49.8 | -27 | 22.83 |
| HT/VHT40 STBC, M8 to M15 | 2 | 10 | -63.4 | -62.9 | 0.3 | -49.8 | -27 | 22.83 |
| HE40, M0 to M11 1ss | 1 | 10 | -62.8 | | 0.3 | -52.5 | -27 | 25.5 |
| HE40, M0 to M11 1ss | 2 | 10 | -62.6 | -63.4 | 0.3 | -49.7 | -27 | 22.68 |
| HE40, M0 to M11 2ss | 2 | 10 | -62.6 | -63.4 | 0.3 | -49.7 | -27 | 22.68 |
| HE40 Beam Forming, M0 to M11 1ss | 2 | 10 | -62.6 | -63.4 | 0.3 | -49.7 | -27 | 22.68 |
| HE40 Beam Forming, M0 to M11 2ss | 2 | 10 | -62.6 | -63.4 | 0.3 | -49.7 | -27 | 22.68 |
| HE40 STBC, M0 to M11 2ss | 2 | 10 | -62.6 | -63.4 | 0.3 | -49.7 | -27 | 22.68 |

Frequency 5320 MHz

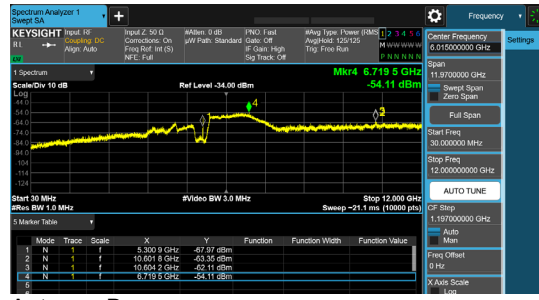
| Mode | Tx Paths | Correlated Antenna Gain (dBi) | Tx 1 Spur Power (dBm) | Tx 2 Spur Power (dBm) | Duty Cycle (dB) | Total Conducted Spur (dBm) | Limit (dB) | Margin (dB) |
|-------------------------------------|----------|-------------------------------|-----------------------|-----------------------|-----------------|----------------------------|------------|-------------|
| Non HT20, 6 to 54 Mbps | 1 | 10 | -58.6 | | 0.23 | -48.4 | -27 | 21.37 |
| Non HT20, 6 to 54 Mbps | 2 | 10 | -61.7 | -62.7 | 0.23 | -48.9 | -27 | 21.93 |
| Non HT20 Beam Forming, 6 to 54 Mbps | 2 | 10 | -61.7 | -62.7 | 0.23 | -48.9 | -27 | 21.93 |
| HT/VHT20, M0 to M7 | 1 | 10 | -60.5 | | 0.52 | -50.0 | -27 | 22.98 |
| HT/VHT20, M0 to M7 | 2 | 10 | -61.9 | -63.1 | 0.52 | -48.9 | -27 | 21.93 |
| HT/VHT20, M8 to M15 | 2 | 10 | -61.9 | -63.1 | 0.52 | -48.9 | -27 | 21.93 |
| HT/VHT20 Beam Forming, M0 to M7 | 2 | 10 | -61.9 | -63.1 | 0.52 | -48.9 | -27 | 21.93 |
| HT/VHT20 Beam Forming, M8 to M15 | 2 | 10 | -61.9 | -63.1 | 0.52 | -48.9 | -27 | 21.93 |
| HT/VHT20 STBC, M8 to M15 | 2 | 10 | -61.9 | -63.1 | 0.52 | -48.9 | -27 | 21.93 |
| HE20, M0 to M11 1ss | 1 | 10 | -59.0 | | 0.36 | -48.6 | -27 | 21.64 |
| HE20, M0 to M11 1ss | 2 | 10 | -62.1 | -62.4 | 0.36 | -48.9 | -27 | 21.88 |
| HE20, M0 to M11 2ss | 2 | 10 | -62.1 | -62.4 | 0.36 | -48.9 | -27 | 21.88 |
| HE20 Beam Forming, M0 to M11 1ss | 2 | 10 | -62.1 | -62.4 | 0.36 | -48.9 | -27 | 21.88 |
| HE20 Beam Forming, M0 to M11 2ss | 2 | 10 | -62.1 | -62.4 | 0.36 | -48.9 | -27 | 21.88 |
| HE20 STBC, M0 to M11 2ss | 2 | 10 | -62.1 | -62.4 | 0.36 | -48.9 | -27 | 21.88 |

Data Screenshots – Antenna gain 10dBi

5300 MHz: HE20, M0 to M11 1ss

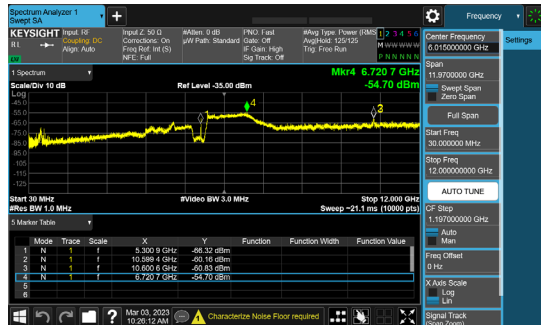


Antenna A

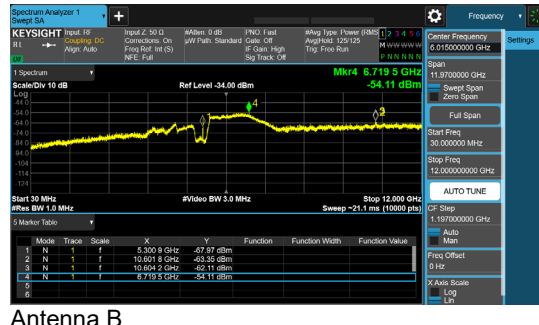


Antenna B

5300 MHz: HE20, M0 to M11 2ss

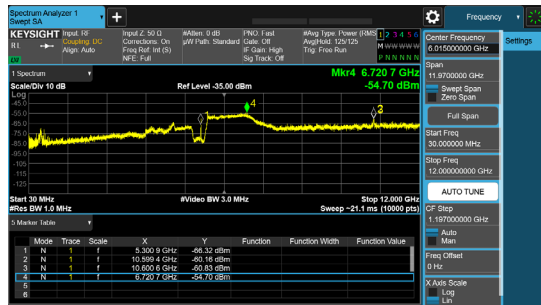


Antenna A

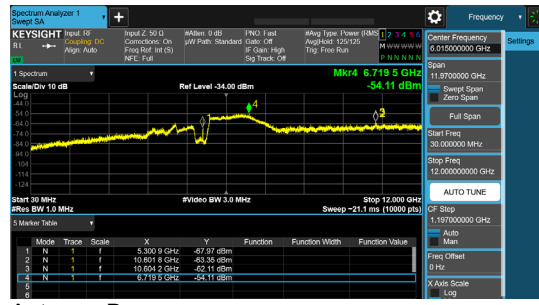


Antenna B

5300 MHz: HE20 Beam Forming, M0 to M11 1ss



Antenna A



Antenna B

Conducted Spurs Average – Antenna 13dBi

Frequency 5260 MHz

| Mode | Tx Paths | Correlated Antenna Gain (dBi) | Tx 1 Spur Power (dBm) | Tx 2 Spur Power (dBm) | Duty Cycle (dB) | Total Conducted Spur (dBm) | Limit (dB) | Margin (dB) |
|-------------------------------------|----------|-------------------------------|-----------------------|-----------------------|-----------------|----------------------------|------------|-------------|
| Non HT20, 6 to 54 Mbps | 1 | 13 | -62.9 | | 0.23 | -49.7 | -41 | 8.42 |
| Non HT20, 6 to 54 Mbps | 2 | 13 | -62.8 | -62.3 | 0.23 | -46.3 | -41 | 5.05 |
| Non HT20 Beam Forming, 6 to 54 Mbps | 2 | 13 | -62.8 | -62.3 | 0.23 | -46.3 | -41 | 5.05 |
| HT/VHT20, M0 to M7 | 1 | 13 | -63.1 | | 0.52 | -49.6 | -41 | 8.33 |
| HT/VHT20, M0 to M7 | 2 | 13 | -63.7 | -61.3 | 0.52 | -45.8 | -41 | 4.56 |
| HT/VHT20, M8 to M15 | 2 | 13 | -63.7 | -61.3 | 0.52 | -45.8 | -41 | 4.56 |
| HT/VHT20 Beam Forming, M0 to M7 | 2 | 13 | -63.7 | -61.3 | 0.52 | -45.8 | -41 | 4.56 |
| HT/VHT20 Beam Forming, M8 to M15 | 2 | 13 | -63.7 | -61.3 | 0.52 | -45.8 | -41 | 4.56 |
| HT/VHT20 STBC, M8 to M15 | 2 | 13 | -63.7 | -61.3 | 0.52 | -45.8 | -41 | 4.56 |
| HE20, M0 to M11 1ss | 1 | 13 | -62.4 | | 0.36 | -49.0 | -41 | 7.79 |
| HE20, M0 to M11 1ss | 2 | 13 | -62.5 | -61.4 | 0.36 | -45.5 | -41 | 4.3 |
| HE20, M0 to M11 2ss | 2 | 13 | -62.5 | -61.4 | 0.36 | -45.5 | -41 | 4.3 |
| HE20 Beam Forming, M0 to M11 1ss | 2 | 13 | -62.5 | -61.4 | 0.36 | -45.5 | -41 | 4.3 |
| HE20 Beam Forming, M0 to M11 2ss | 2 | 13 | -62.5 | -61.4 | 0.36 | -45.5 | -41 | 4.3 |
| HE20 STBC, M0 to M11 2ss | 2 | 13 | -62.5 | -61.4 | 0.36 | -45.5 | -41 | 4.3 |

Frequency 5270 MHz

| Mode | Tx Paths | Correlated Antenna Gain (dBi) | Tx 1 Spur Power (dBm) | Tx 2 Spur Power (dBm) | Duty Cycle (dB) | Total Conducted Spur (dBm) | Limit (dB) | Margin (dB) |
|----------------------------------|----------|-------------------------------|-----------------------|-----------------------|-----------------|----------------------------|------------|-------------|
| Non HT40, 6 to 54 Mbps | 1 | 13 | -61.4 | | 0.28 | -48.1 | -41 | 6.87 |
| Non HT40, 6 to 54 Mbps | 2 | 13 | -62.4 | -61.6 | 0.28 | -45.7 | -41 | 4.44 |
| HT/VHT40, M0 to M7 | 1 | 13 | -60.8 | | 0.3 | -47.5 | -41 | 6.25 |
| HT/VHT40, M0 to M7 | 2 | 13 | -62.0 | -61.1 | 0.3 | -45.2 | -41 | 3.97 |
| HT/VHT40, M8 to M15 | 2 | 13 | -62.0 | -61.1 | 0.3 | -45.2 | -41 | 3.97 |
| HT/VHT40 Beam Forming, M0 to M7 | 2 | 13 | -62.0 | -61.1 | 0.3 | -45.2 | -41 | 3.97 |
| HT/VHT40 Beam Forming, M8 to M15 | 2 | 13 | -62.0 | -61.1 | 0.3 | -45.2 | -41 | 3.97 |
| HT/VHT40 STBC, M8 to M15 | 2 | 13 | -62.0 | -61.1 | 0.3 | -45.2 | -41 | 3.97 |
| HE40, M0 to M11 1ss | 1 | 13 | -61.6 | | 0.3 | -48.3 | -41 | 7.05 |
| HE40, M0 to M11 1ss | 2 | 13 | -61.8 | -60.8 | 0.3 | -45.0 | -41 | 3.72 |
| HE40, M0 to M11 2ss | 2 | 13 | -61.8 | -60.8 | 0.3 | -45.0 | -41 | 3.72 |
| HE40 Beam Forming, M0 to M11 1ss | 2 | 13 | -61.8 | -60.8 | 0.3 | -45.0 | -41 | 3.72 |
| HE40 Beam Forming, M0 to M11 2ss | 2 | 13 | -61.8 | -60.8 | 0.3 | -45.0 | -41 | 3.72 |
| HE40 STBC, M0 to M11 2ss | 2 | 13 | -61.8 | -60.8 | 0.3 | -45.0 | -41 | 3.72 |

Frequency 5290 MHz

| Mode | Tx Paths | Correlated Antenna Gain (dBi) | Tx 1 Spur Power (dBm) | Tx 2 Spur Power (dBm) | Duty Cycle (dB) | Total Conducted Spur (dBm) | Limit (dB) | Margin (dB) |
|---|----------|-------------------------------|-----------------------|-----------------------|-----------------|----------------------------|------------|-------------|
| Non HT80, 6 to 54 Mbps | 1 | 13 | -59.8 | | 0.23 | -46.6 | -41 | 5.32 |
| Non HT80, 6 to 54 Mbps | 2 | 13 | -59.8 | -68.9 | 0.23 | -46.1 | -41 | 4.82 |
| VHT80, M0 to M11 1ss | 1 | 13 | -60.1 | | 0.3 | -46.8 | -41 | 5.55 |
| VHT80, M0 to M11 1ss | 2 | 13 | -60.1 | -60.4 | 0.3 | -43.9 | -41 | 2.69 |
| VHT80, M0 to M11 2ss | 2 | 13 | -60.1 | -60.4 | 0.3 | -43.9 | -41 | 2.69 |
| VHT80 Beam Forming, M0 to M11 1ss | 2 | 13 | -60.1 | -60.4 | 0.3 | -43.9 | -41 | 2.69 |
| VHT80 Beam Forming, M0 to M11 2ss | 2 | 13 | -60.1 | -60.4 | 0.3 | -43.9 | -41 | 2.69 |
| VHT80 STBC, M0 to M11 2ss | 2 | 13 | -60.1 | -60.4 | 0.3 | -43.9 | -41 | 2.69 |
| HE80, M0 to M11 1ss | 1 | 13 | -59.7 | | 0.35 | -46.3 | -41 | 5.1 |
| HE80, M0 to M11 1ss | 2 | 13 | -59.8 | -60.4 | 0.35 | -43.7 | -41 | 2.48 |
| HE80, M0 to M11 2ss | 2 | 13 | -59.8 | -60.4 | 0.35 | -43.7 | -41 | 2.48 |
| HE80 Beam Forming, M0 to M11 1ss | 2 | 13 | -59.8 | -60.4 | 0.35 | -43.7 | -41 | 2.48 |
| HE80 Beam Forming, M0 to M11 2ss | 2 | 13 | -59.8 | -60.4 | 0.35 | -43.7 | -41 | 2.48 |
| HE80 STBC, M0 to M11 2ss | 2 | 13 | -59.8 | -60.4 | 0.35 | -43.7 | -41 | 2.48 |

Frequency 5300 MHz

| Mode | Tx Paths | Correlated Antenna Gain (dBi) | Tx 1 Spur Power (dBm) | Tx 2 Spur Power (dBm) | Duty Cycle (dB) | Total Conducted Spur (dBm) | Limit (dB) | Margin (dB) |
|-------------------------------------|----------|-------------------------------|-----------------------|-----------------------|-----------------|----------------------------|------------|-------------|
| Non HT20, 6 to 54 Mbps | 1 | 13 | -62.5 | | 0.23 | -49.3 | -41 | 8.02 |
| Non HT20, 6 to 54 Mbps | 2 | 13 | -62.6 | -62.1 | 0.23 | -46.1 | -41 | 4.85 |
| Non HT20 Beam Forming, 6 to 54 Mbps | 2 | 13 | -62.6 | -62.1 | 0.23 | -46.1 | -41 | 4.85 |
| HT/VHT20, M0 to M7 | 1 | 13 | -62.6 | | 0.52 | -49.1 | -41 | 7.83 |
| HT/VHT20, M0 to M7 | 2 | 13 | -62.5 | -62.0 | 0.52 | -45.7 | -41 | 4.46 |
| HT/VHT20, M8 to M15 | 2 | 13 | -62.5 | -62.0 | 0.52 | -45.7 | -41 | 4.46 |
| HT/VHT20 Beam Forming, M0 to M7 | 2 | 13 | -62.5 | -62.0 | 0.52 | -45.7 | -41 | 4.46 |
| HT/VHT20 Beam Forming, M8 to M15 | 2 | 13 | -62.5 | -62.0 | 0.52 | -45.7 | -41 | 4.46 |
| HT/VHT20 STBC, M8 to M15 | 2 | 13 | -62.5 | -62.0 | 0.52 | -45.7 | -41 | 4.46 |
| HE20, M0 to M11 1ss | 1 | 13 | -63.1 | | 0.36 | -49.7 | -41 | 8.49 |
| HE20, M0 to M11 1ss | 2 | 13 | -62.6 | -61.6 | 0.36 | -45.7 | -41 | 4.45 |
| HE20, M0 to M11 2ss | 2 | 13 | -62.6 | -61.6 | 0.36 | -45.7 | -41 | 4.45 |
| HE20 Beam Forming, M0 to M11 1ss | 2 | 13 | -62.6 | -61.6 | 0.36 | -45.7 | -41 | 4.45 |
| HE20 Beam Forming, M0 to M11 2ss | 2 | 13 | -62.6 | -61.6 | 0.36 | -45.7 | -41 | 4.45 |
| HE20 STBC, M0 to M11 2ss | 2 | 13 | -62.6 | -61.6 | 0.36 | -45.7 | -41 | 4.45 |

Frequency 5310 MHz

| Mode | Tx Paths | Correlated Antenna Gain (dBi) | Tx 1 Spur Power (dBm) | Tx 2 Spur Power (dBm) | Duty Cycle (dB) | Total Conducted Spur (dBm) | Limit (dB) | Margin (dB) |
|----------------------------------|----------|-------------------------------|-----------------------|-----------------------|-----------------|----------------------------|------------|-------------|
| Non HT40, 6 to 54 Mbps | 1 | 13 | -62.1 | | 0.28 | -48.8 | -41 | 7.57 |
| Non HT40, 6 to 54 Mbps | 2 | 13 | -62.4 | -67.5 | 0.28 | -47.9 | -41 | 6.7 |
| HT/VHT40, M0 to M7 | 1 | 13 | -61.8 | | 0.3 | -48.5 | -41 | 7.25 |
| HT/VHT40, M0 to M7 | 2 | 13 | -61.8 | -61.4 | 0.3 | -45.3 | -41 | 4.04 |
| HT/VHT40, M8 to M15 | 2 | 13 | -61.8 | -61.4 | 0.3 | -45.3 | -41 | 4.04 |
| HT/VHT40 Beam Forming, M0 to M7 | 2 | 13 | -61.8 | -61.4 | 0.3 | -45.3 | -41 | 4.04 |
| HT/VHT40 Beam Forming, M8 to M15 | 2 | 13 | -61.8 | -61.4 | 0.3 | -45.3 | -41 | 4.04 |
| HT/VHT40 STBC, M8 to M15 | 2 | 13 | -61.8 | -61.4 | 0.3 | -45.3 | -41 | 4.04 |
| HE40, M0 to M11 1ss | 1 | 13 | -62.7 | | 0.3 | -49.4 | -41 | 8.15 |
| HE40, M0 to M11 1ss | 2 | 13 | -63.3 | -61.8 | 0.3 | -46.2 | -41 | 4.93 |
| HE40, M0 to M11 2ss | 2 | 13 | -63.3 | -61.8 | 0.3 | -46.2 | -41 | 4.93 |
| HE40 Beam Forming, M0 to M11 1ss | 2 | 13 | -63.3 | -61.8 | 0.3 | -46.2 | -41 | 4.93 |
| HE40 Beam Forming, M0 to M11 2ss | 2 | 13 | -63.3 | -61.8 | 0.3 | -46.2 | -41 | 4.93 |
| HE40 STBC, M0 to M11 2ss | 2 | 13 | -63.3 | -61.8 | 0.3 | -46.2 | -41 | 4.93 |

Frequency 5320 MHz

| Mode | Tx Paths | Correlated Antenna Gain (dBi) | Tx 1 Spur Power (dBm) | Tx 2 Spur Power (dBm) | Duty Cycle (dB) | Total Conducted Spur (dBm) | Limit (dB) | Margin (dB) |
|-------------------------------------|----------|-------------------------------|-----------------------|-----------------------|-----------------|----------------------------|------------|-------------|
| Non HT20, 6 to 54 Mbps | 1 | 13 | -63.9 | | 0.23 | -50.7 | -41 | 9.42 |
| Non HT20, 6 to 54 Mbps | 2 | 13 | -63.7 | -62.7 | 0.23 | -46.9 | -41 | 5.68 |
| Non HT20 Beam Forming, 6 to 54 Mbps | 2 | 13 | -63.7 | -62.7 | 0.23 | -46.9 | -41 | 5.68 |
| HT/VHT20, M0 to M7 | 1 | 13 | -63.8 | | 0.52 | -50.3 | -41 | 9.03 |
| HT/VHT20, M0 to M7 | 2 | 13 | -64.4 | -62.3 | 0.52 | -46.7 | -41 | 5.44 |
| HT/VHT20, M8 to M15 | 2 | 13 | -64.4 | -62.3 | 0.52 | -46.7 | -41 | 5.44 |
| HT/VHT20 Beam Forming, M0 to M7 | 2 | 13 | -64.4 | -62.3 | 0.52 | -46.7 | -41 | 5.44 |
| HT/VHT20 Beam Forming, M8 to M15 | 2 | 13 | -64.4 | -62.3 | 0.52 | -46.7 | -41 | 5.44 |
| HT/VHT20 STBC, M8 to M15 | 2 | 13 | -64.4 | -62.3 | 0.52 | -46.7 | -41 | 5.44 |
| HE20, M0 to M11 1ss | 1 | 13 | -63.5 | | 0.36 | -50.1 | -41 | 8.89 |
| HE20, M0 to M11 1ss | 2 | 13 | -64.0 | -62.9 | 0.36 | -47.0 | -41 | 5.8 |
| HE20, M0 to M11 2ss | 2 | 13 | -64.0 | -62.9 | 0.36 | -47.0 | -41 | 5.8 |
| HE20 Beam Forming, M0 to M11 1ss | 2 | 13 | -64.0 | -62.9 | 0.36 | -47.0 | -41 | 5.8 |
| HE20 Beam Forming, M0 to M11 2ss | 2 | 13 | -64.0 | -62.9 | 0.36 | -47.0 | -41 | 5.8 |
| HE20 STBC, M0 to M11 2ss | 2 | 13 | -64.0 | -62.9 | 0.36 | -47.0 | -41 | 5.8 |

Data Screenshots – Antenna gain 13dBi

5290 MHz: HE80, M0 to M11 1ss

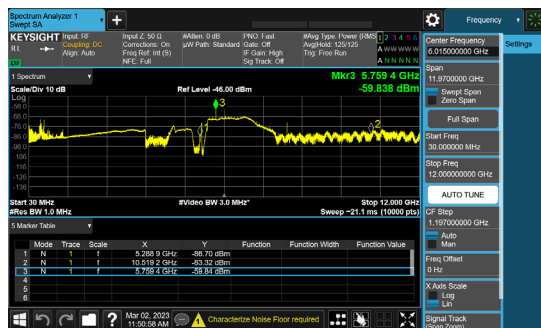


Antenna A

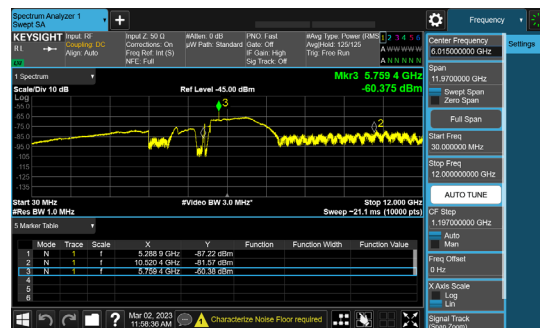


Antenna B

5290 MHz: HE80, M0 to M11 2ss

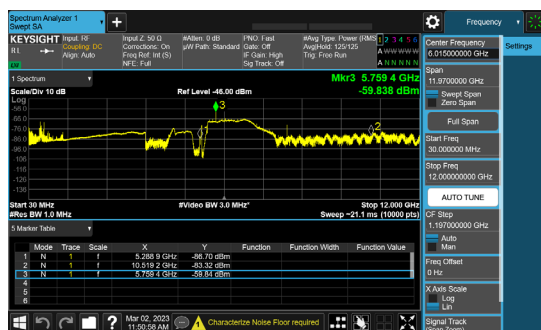


Antenna A



Antenna B

5290 MHz: HE80 Beam Forming, M0 to M11 1ss



Antenna A



Antenna B

Conducted Spurs Peak – Antenna gain 13dBi.

Frequency 5260 MHz

| Mode | Tx Paths | Correlated Antenna Gain (dBi) | Tx 1 Spur Power (dBm) | Tx 2 Spur Power (dBm) | Duty Cycle (dB) | Total Conducted Spur (dBm) | Limit (dB) | Margin (dB) |
|-------------------------------------|----------|-------------------------------|-----------------------|-----------------------|-----------------|----------------------------|------------|-------------|
| Non HT20, 6 to 54 Mbps | 1 | 13 | -63.3 | | 0.23 | -50.1 | -27 | 23.07 |
| Non HT20, 6 to 54 Mbps | 2 | 13 | -62.8 | -62.7 | 0.23 | -46.5 | -27 | 19.51 |
| Non HT20 Beam Forming, 6 to 54 Mbps | 2 | 13 | -62.8 | -62.7 | 0.23 | -46.5 | -27 | 19.51 |
| HT/VHT20, M0 to M7 | 1 | 13 | -63.2 | | 0.52 | -49.7 | -27 | 22.68 |
| HT/VHT20, M0 to M7 | 2 | 13 | -63.2 | -62.6 | 0.52 | -46.4 | -27 | 19.36 |
| HT/VHT20, M8 to M15 | 2 | 13 | -63.2 | -62.6 | 0.52 | -46.4 | -27 | 19.36 |
| HT/VHT20 Beam Forming, M0 to M7 | 2 | 13 | -63.2 | -62.6 | 0.52 | -46.4 | -27 | 19.36 |
| HT/VHT20 Beam Forming, M8 to M15 | 2 | 13 | -63.2 | -62.6 | 0.52 | -46.4 | -27 | 19.36 |
| HT/VHT20 STBC, M8 to M15 | 2 | 13 | -63.2 | -62.6 | 0.52 | -46.4 | -27 | 19.36 |
| HE20, M0 to M11 1ss | 1 | 13 | -63.3 | | 0.36 | -49.9 | -27 | 22.94 |
| HE20, M0 to M11 1ss | 2 | 13 | -63.1 | -62.4 | 0.36 | -46.4 | -27 | 19.37 |
| HE20, M0 to M11 2ss | 2 | 13 | -63.1 | -62.4 | 0.36 | -46.4 | -27 | 19.37 |
| HE20 Beam Forming, M0 to M11 1ss | 2 | 13 | -63.1 | -62.4 | 0.36 | -46.4 | -27 | 19.37 |
| HE20 Beam Forming, M0 to M11 2ss | 2 | 13 | -63.1 | -62.4 | 0.36 | -46.4 | -27 | 19.37 |
| HE20 STBC, M0 to M11 2ss | 2 | 13 | -63.1 | -62.4 | 0.36 | -46.4 | -27 | 19.37 |

Frequency 5270 MHz

| Mode | Tx Paths | Correlated Antenna Gain (dBi) | Tx 1 Spur Power (dBm) | Tx 2 Spur Power (dBm) | Duty Cycle (dB) | Total Conducted Spur (dBm) | Limit (dB) | Margin (dB) |
|----------------------------------|----------|-------------------------------|-----------------------|-----------------------|-----------------|----------------------------|------------|-------------|
| Non HT40, 6 to 54 Mbps | 1 | 13 | -63.0 | | 0.28 | -49.7 | -27 | 22.72 |
| Non HT40, 6 to 54 Mbps | 2 | 13 | -62.9 | -63.5 | 0.28 | -46.9 | -27 | 19.9 |
| HT/VHT40, M0 to M7 | 1 | 13 | -63.1 | | 0.3 | -49.8 | -27 | 22.8 |
| HT/VHT40, M0 to M7 | 2 | 13 | -62.6 | -63.2 | 0.3 | -46.6 | -27 | 19.58 |
| HT/VHT40, M8 to M15 | 2 | 13 | -62.6 | -63.2 | 0.3 | -46.6 | -27 | 19.58 |
| HT/VHT40 Beam Forming, M0 to M7 | 2 | 13 | -62.6 | -63.2 | 0.3 | -46.6 | -27 | 19.58 |
| HT/VHT40 Beam Forming, M8 to M15 | 2 | 13 | -62.6 | -63.2 | 0.3 | -46.6 | -27 | 19.58 |
| HT/VHT40 STBC, M8 to M15 | 2 | 13 | -62.6 | -63.2 | 0.3 | -46.6 | -27 | 19.58 |
| HE40, M0 to M11 1ss | 1 | 13 | -63.2 | | 0.3 | -49.9 | -27 | 22.9 |
| HE40, M0 to M11 1ss | 2 | 13 | -63.1 | -63.8 | 0.3 | -47.1 | -27 | 20.13 |
| HE40, M0 to M11 2ss | 2 | 13 | -63.1 | -63.8 | 0.3 | -47.1 | -27 | 20.13 |
| HE40 Beam Forming, M0 to M11 1ss | 2 | 13 | -63.1 | -63.8 | 0.3 | -47.1 | -27 | 20.13 |
| HE40 Beam Forming, M0 to M11 2ss | 2 | 13 | -63.1 | -63.8 | 0.3 | -47.1 | -27 | 20.13 |
| HE40 STBC, M0 to M11 2ss | 2 | 13 | -63.1 | -63.8 | 0.3 | -47.1 | -27 | 20.13 |

Frequency 5290 MHz

| Mode | Tx Paths | Correlated Antenna Gain (dBi) | Tx 1 Spur Power (dBm) | Tx 2 Spur Power (dBm) | Duty Cycle (dB) | Total Conducted Spur (dBm) | Limit (dB) | Margin (dB) |
|-----------------------------------|----------|-------------------------------|-----------------------|-----------------------|-----------------|----------------------------|------------|-------------|
| Non HT80, 6 to 54 Mbps | 1 | 13 | -63.8 | | 0.23 | -50.6 | -27 | 23.57 |
| Non HT80, 6 to 54 Mbps | 2 | 13 | -63.0 | -63.4 | 0.23 | -47.0 | -27 | 19.95 |
| VHT80, M0 to M11 1ss | 1 | 13 | -62.9 | | 0.3 | -49.6 | -27 | 22.6 |
| VHT80, M0 to M11 1ss | 2 | 13 | -62.9 | -63.4 | 0.3 | -46.8 | -27 | 19.83 |
| VHT80, M0 to M11 2ss | 2 | 13 | -62.9 | -63.4 | 0.3 | -46.8 | -27 | 19.83 |
| VHT80 Beam Forming, M0 to M11 1ss | 2 | 13 | -62.9 | -63.4 | 0.3 | -46.8 | -27 | 19.83 |
| VHT80 Beam Forming, M0 to M11 2ss | 2 | 13 | -62.9 | -63.4 | 0.3 | -46.8 | -27 | 19.83 |
| VHT80 STBC, M0 to M11 2ss | 2 | 13 | -62.9 | -63.4 | 0.3 | -46.8 | -27 | 19.83 |
| HE80, M0 to M11 1ss | 1 | 13 | -62.7 | | 0.35 | -49.3 | -27 | 22.35 |
| HE80, M0 to M11 1ss | 2 | 13 | -62.2 | -63.2 | 0.35 | -46.3 | -27 | 19.31 |
| HE80, M0 to M11 2ss | 2 | 13 | -62.2 | -63.2 | 0.35 | -46.3 | -27 | 19.31 |
| HE80 Beam Forming, M0 to M11 1ss | 2 | 13 | -62.2 | -63.2 | 0.35 | -46.3 | -27 | 19.31 |
| HE80 Beam Forming, M0 to M11 2ss | 2 | 13 | -62.2 | -63.2 | 0.35 | -46.3 | -27 | 19.31 |
| HE80 STBC, M0 to M11 2ss | 2 | 13 | -62.2 | -63.2 | 0.35 | -46.3 | -27 | 19.31 |

Frequency 5300 MHz

| Mode | Tx Paths | Correlated Antenna Gain (dBi) | Tx 1 Spur Power (dBm) | Tx 2 Spur Power (dBm) | Duty Cycle (dB) | Total Conducted Spur (dBm) | Limit (dB) | Margin (dB) |
|--|----------|-------------------------------|-----------------------|-----------------------|-----------------|----------------------------|------------|--------------|
| Non HT20, 6 to 54 Mbps | 1 | 13 | -61.0 | | 0.23 | -47.8 | -27 | 20.77 |
| Non HT20, 6 to 54 Mbps | 2 | 13 | -62.0 | -62.3 | 0.23 | -45.9 | -27 | 18.91 |
| Non HT20 Beam Forming, 6 to 54 Mbps | 2 | 13 | -62.0 | -62.3 | 0.23 | -45.9 | -27 | 18.91 |
| HT/VHT20, M0 to M7 | 1 | 13 | -62.3 | | 0.52 | -48.8 | -27 | 21.78 |
| HT/VHT20, M0 to M7 | 2 | 13 | -62.8 | -63.6 | 0.52 | -46.7 | -27 | 19.65 |
| HT/VHT20, M8 to M15 | 2 | 13 | -62.8 | -63.6 | 0.52 | -46.7 | -27 | 19.65 |
| HT/VHT20 Beam Forming, M0 to M7 | 2 | 13 | -62.8 | -63.6 | 0.52 | -46.7 | -27 | 19.65 |
| HT/VHT20 Beam Forming, M8 to M15 | 2 | 13 | -62.8 | -63.6 | 0.52 | -46.7 | -27 | 19.65 |
| HT/VHT20 STBC, M8 to M15 | 2 | 13 | -62.8 | -63.6 | 0.52 | -46.7 | -27 | 19.65 |
| HE20, M0 to M11 1ss | 1 | 13 | -62.8 | | 0.36 | -49.4 | -27 | 22.44 |
| HE20, M0 to M11 1ss | 2 | 13 | -63.2 | -62.4 | 0.36 | -46.4 | -27 | 19.41 |
| HE20, M0 to M11 2ss | 2 | 13 | -63.2 | -62.4 | 0.36 | -46.4 | -27 | 19.41 |
| HE20 Beam Forming, M0 to M11 1ss | 2 | 13 | -63.2 | -62.4 | 0.36 | -46.4 | -27 | 19.41 |
| HE20 Beam Forming, M0 to M11 2ss | 2 | 13 | -63.2 | -62.4 | 0.36 | -46.4 | -27 | 19.41 |
| HE20 STBC, M0 to M11 2ss | 2 | 13 | -63.2 | -62.4 | 0.36 | -46.4 | -27 | 19.41 |

Frequency 5310 MHz

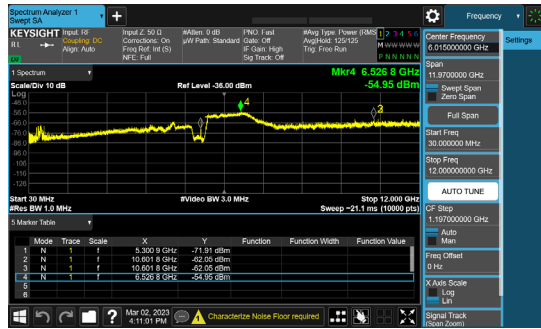
| Mode | Tx Paths | Correlated Antenna Gain (dBi) | Tx 1 Spur Power (dBm) | Tx 2 Spur Power (dBm) | Duty Cycle (dB) | Total Conducted Spur (dBm) | Limit (dB) | Margin (dB) |
|----------------------------------|----------|-------------------------------|-----------------------|-----------------------|-----------------|----------------------------|------------|-------------|
| Non HT40, 6 to 54 Mbps | 1 | 13 | -63.1 | | 0.28 | -49.8 | -27 | 22.82 |
| Non HT40, 6 to 54 Mbps | 2 | 13 | -63.2 | -62.7 | 0.28 | -46.7 | -27 | 19.65 |
| HT/VHT40, M0 to M7 | 1 | 13 | -63.2 | | 0.3 | -49.9 | -27 | 22.9 |
| HT/VHT40, M0 to M7 | 2 | 13 | -63.1 | -62.5 | 0.3 | -46.5 | -27 | 19.48 |
| HT/VHT40, M8 to M15 | 2 | 13 | -63.1 | -62.5 | 0.3 | -46.5 | -27 | 19.48 |
| HT/VHT40 Beam Forming, M0 to M7 | 2 | 13 | -63.1 | -62.5 | 0.3 | -46.5 | -27 | 19.48 |
| HT/VHT40 Beam Forming, M8 to M15 | 2 | 13 | -63.1 | -62.5 | 0.3 | -46.5 | -27 | 19.48 |
| HT/VHT40 STBC, M8 to M15 | 2 | 13 | -63.1 | -62.5 | 0.3 | -46.5 | -27 | 19.48 |
| HE40, M0 to M11 1ss | 1 | 13 | -62.6 | | 0.3 | -49.3 | -27 | 22.3 |
| HE40, M0 to M11 1ss | 2 | 13 | -63.8 | -63.3 | 0.3 | -47.2 | -27 | 20.24 |
| HE40, M0 to M11 2ss | 2 | 13 | -63.8 | -63.3 | 0.3 | -47.2 | -27 | 20.24 |
| HE40 Beam Forming, M0 to M11 1ss | 2 | 13 | -63.8 | -63.3 | 0.3 | -47.2 | -27 | 20.24 |
| HE40 Beam Forming, M0 to M11 2ss | 2 | 13 | -63.8 | -63.3 | 0.3 | -47.2 | -27 | 20.24 |
| HE40 STBC, M0 to M11 2ss | 2 | 13 | -63.8 | -63.3 | 0.3 | -47.2 | -27 | 20.24 |

Frequency 5320 MHz

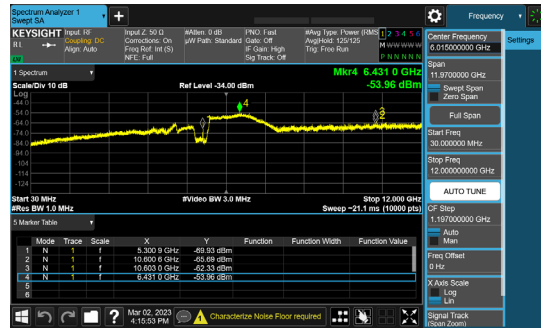
| Mode | Tx Paths | Correlated Antenna Gain (dBi) | Tx 1 Spur Power (dBm) | Tx 2 Spur Power (dBm) | Duty Cycle (dB) | Total Conducted Spur (dBm) | Limit (dB) | Margin (dB) |
|-------------------------------------|----------|-------------------------------|-----------------------|-----------------------|-----------------|----------------------------|------------|-------------|
| Non HT20, 6 to 54 Mbps | 1 | 13 | -61.7 | | 0.23 | -48.5 | -27 | 21.47 |
| Non HT20, 6 to 54 Mbps | 2 | 13 | -62.9 | -63.4 | 0.23 | -46.9 | -27 | 19.9 |
| Non HT20 Beam Forming, 6 to 54 Mbps | 2 | 13 | -62.9 | -63.4 | 0.23 | -46.9 | -27 | 19.9 |
| HT/VHT20, M0 to M7 | 1 | 13 | -61.9 | | 0.52 | -48.4 | -27 | 21.38 |
| HT/VHT20, M0 to M7 | 2 | 13 | -63.3 | -62.4 | 0.52 | -46.3 | -27 | 19.3 |
| HT/VHT20, M8 to M15 | 2 | 13 | -63.3 | -62.4 | 0.52 | -46.3 | -27 | 19.3 |
| HT/VHT20 Beam Forming, M0 to M7 | 2 | 13 | -63.3 | -62.4 | 0.52 | -46.3 | -27 | 19.3 |
| HT/VHT20 Beam Forming, M8 to M15 | 2 | 13 | -63.3 | -62.4 | 0.52 | -46.3 | -27 | 19.3 |
| HT/VHT20 STBC, M8 to M15 | 2 | 13 | -63.3 | -62.4 | 0.52 | -46.3 | -27 | 19.3 |
| HE20, M0 to M11 1ss | 1 | 13 | -62.1 | | 0.36 | -48.7 | -27 | 21.74 |
| HE20, M0 to M11 1ss | 2 | 13 | -63.8 | -62.5 | 0.36 | -46.7 | -27 | 19.73 |
| HE20, M0 to M11 2ss | 2 | 13 | -63.8 | -62.5 | 0.36 | -46.7 | -27 | 19.73 |
| HE20 Beam Forming, M0 to M11 1ss | 2 | 13 | -63.8 | -62.5 | 0.36 | -46.7 | -27 | 19.73 |
| HE20 Beam Forming, M0 to M11 2ss | 2 | 13 | -63.8 | -62.5 | 0.36 | -46.7 | -27 | 19.73 |
| HE20 STBC, M0 to M11 2ss | 2 | 13 | -63.8 | -62.5 | 0.36 | -46.7 | -27 | 19.73 |

Data Screenshots – Antenna gain 13dBi

5300 MHz: Non HT20, 6 to 54 Mbps

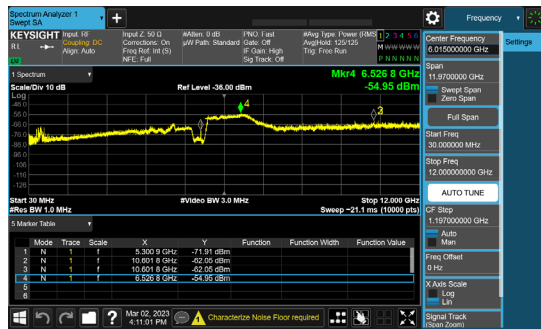


Antenna A

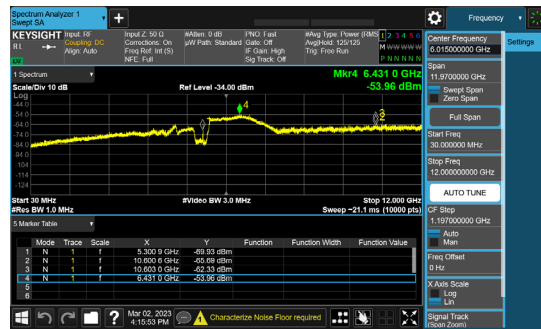


Antenna B

5300 MHz: Non HT20 Beam Forming, 6 to 54 Mbps

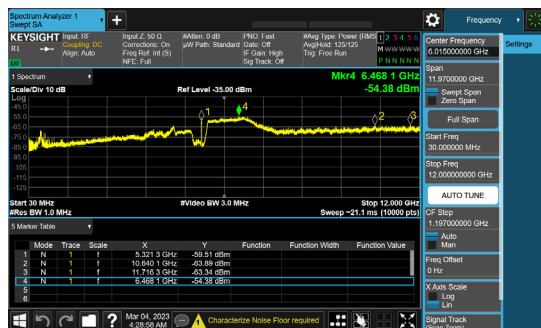


Antenna A

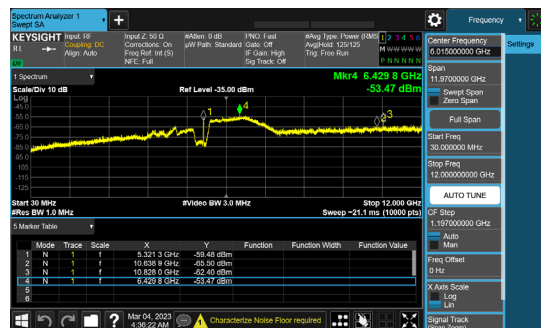


Antenna B

5320 MHz: HT/VHT20, M0 to M7



Antenna A



Antenna B

Conducted Spurs Average – Antenna gain 15dBi

Frequency 5260 MHz

| Mode | Tx Paths | Correlated Antenna Gain (dBi) | Tx 1 Spur Power (dBm) | Tx 2 Spur Power (dBm) | Duty Cycle (dB) | Total Conducted Spur (dBm) | Limit (dB) | Margin (dB) |
|-------------------------------------|----------|-------------------------------|-----------------------|-----------------------|-----------------|----------------------------|------------|-------------|
| Non HT20, 6 to 54 Mbps | 1 | 15 | -63.4 | | 0.23 | -48.2 | -41 | 6.92 |
| Non HT20, 6 to 54 Mbps | 2 | 15 | -63.7 | -69.7 | 0.23 | -47.5 | -41 | 6.25 |
| Non HT20 Beam Forming, 6 to 54 Mbps | 2 | 15 | -63.7 | -69.7 | 0.23 | -47.5 | -41 | 6.25 |
| HT/VHT20, M0 to M7 | 1 | 15 | -63.7 | | 0.52 | -48.2 | -41 | 6.93 |
| HT/VHT20, M0 to M7 | 2 | 15 | -68.9 | -69.0 | 0.52 | -50.4 | -41 | 9.17 |
| HT/VHT20, M8 to M15 | 2 | 15 | -68.9 | -69.0 | 0.52 | -50.4 | -41 | 9.17 |
| HT/VHT20 Beam Forming, M0 to M7 | 2 | 15 | -68.9 | -69.0 | 0.52 | -50.4 | -41 | 9.17 |
| HT/VHT20 Beam Forming, M8 to M15 | 2 | 15 | -68.9 | -69.0 | 0.52 | -50.4 | -41 | 9.17 |
| HT/VHT20 STBC, M8 to M15 | 2 | 15 | -68.9 | -69.0 | 0.52 | -50.4 | -41 | 9.17 |
| HE20, M0 to M11 1ss | 1 | 15 | -62.5 | | 0.36 | -47.1 | -41 | 5.89 |
| HE20, M0 to M11 1ss | 2 | 15 | -62.6 | -68.2 | 0.36 | -46.2 | -41 | 4.94 |
| HE20, M0 to M11 2ss | 2 | 15 | -62.6 | -68.2 | 0.36 | -46.2 | -41 | 4.94 |
| HE20 Beam Forming, M0 to M11 1ss | 2 | 15 | -62.6 | -68.2 | 0.36 | -46.2 | -41 | 4.94 |
| HE20 Beam Forming, M0 to M11 2ss | 2 | 15 | -62.6 | -68.2 | 0.36 | -46.2 | -41 | 4.94 |
| HE20 STBC, M0 to M11 2ss | 2 | 15 | -62.6 | -68.2 | 0.36 | -46.2 | -41 | 4.94 |

Frequency 5270 MHz

| Mode | Tx Paths | Correlated Antenna Gain (dBi) | Tx 1 Spur Power (dBm) | Tx 2 Spur Power (dBm) | Duty Cycle (dB) | Total Conducted Spur (dBm) | Limit (dB) | Margin (dB) |
|----------------------------------|----------|-------------------------------|-----------------------|-----------------------|-----------------|----------------------------|------------|-------------|
| Non HT40, 6 to 54 Mbps | 1 | 15 | -62.7 | | 0.28 | -47.4 | -41 | 6.17 |
| Non HT40, 6 to 54 Mbps | 2 | 15 | -62.0 | -62.0 | 0.28 | -43.7 | -41 | 2.46 |
| HT/VHT40, M0 to M7 | 1 | 15 | -61.9 | | 0.3 | -46.6 | -41 | 5.35 |
| HT/VHT40, M0 to M7 | 2 | 15 | -62.3 | -61.3 | 0.3 | -43.5 | -41 | 2.21 |
| HT/VHT40, M8 to M15 | 2 | 15 | -62.3 | -61.3 | 0.3 | -43.5 | -41 | 2.21 |
| HT/VHT40 Beam Forming, M0 to M7 | 2 | 15 | -62.3 | -61.3 | 0.3 | -43.5 | -41 | 2.21 |
| HT/VHT40 Beam Forming, M8 to M15 | 2 | 15 | -62.3 | -61.3 | 0.3 | -43.5 | -41 | 2.21 |
| HT/VHT40 STBC, M8 to M15 | 2 | 15 | -62.3 | -61.3 | 0.3 | -43.5 | -41 | 2.21 |
| HE40, M0 to M11 1ss | 1 | 15 | -61.8 | | 0.3 | -46.5 | -41 | 5.25 |
| HE40, M0 to M11 1ss | 2 | 15 | -61.9 | -61.0 | 0.3 | -43.1 | -41 | 1.87 |
| HE40, M0 to M11 2ss | 2 | 15 | -61.9 | -61.0 | 0.3 | -43.1 | -41 | 1.87 |
| HE40 Beam Forming, M0 to M11 1ss | 2 | 15 | -61.9 | -61.0 | 0.3 | -43.1 | -41 | 1.87 |
| HE40 Beam Forming, M0 to M11 2ss | 2 | 15 | -61.9 | -61.0 | 0.3 | -43.1 | -41 | 1.87 |
| HE40 STBC, M0 to M11 2ss | 2 | 15 | -61.9 | -61.0 | 0.3 | -43.1 | -41 | 1.87 |

Frequency 5290 MHz

| Mode | Tx Paths | Correlated Antenna Gain (dBi) | Tx 1 Spur Power (dBm) | Tx 2 Spur Power (dBm) | Duty Cycle (dB) | Total Conducted Spur (dBm) | Limit (dB) | Margin (dB) |
|---|----------|-------------------------------|-----------------------|-----------------------|-----------------|----------------------------|------------|-------------|
| Non HT80, 6 to 54 Mbps | 1 | 15 | -59.8 | | 0.23 | -44.6 | -41 | 3.32 |
| Non HT80, 6 to 54 Mbps | 2 | 15 | -59.8 | -68.9 | 0.23 | -44.1 | -41 | 2.82 |
| VHT80, M0 to M11 1ss | 1 | 15 | -60.1 | | 0.3 | -44.8 | -41 | 3.55 |
| VHT80, M0 to M11 1ss | 2 | 15 | -59.7 | -68.9 | 0.3 | -43.9 | -41 | 2.66 |
| VHT80, M0 to M11 2ss | 2 | 15 | -59.7 | -68.9 | 0.3 | -43.9 | -41 | 2.66 |
| VHT80 Beam Forming, M0 to M11 1ss | 2 | 15 | -59.7 | -68.9 | 0.3 | -43.9 | -41 | 2.66 |
| VHT80 Beam Forming, M0 to M11 2ss | 2 | 15 | -59.7 | -68.9 | 0.3 | -43.9 | -41 | 2.66 |
| VHT80 STBC, M0 to M11 2ss | 2 | 15 | -59.7 | -68.9 | 0.3 | -43.9 | -41 | 2.66 |
| HE80, M0 to M11 1ss | 1 | 15 | -59.8 | | 0.35 | -44.4 | -41 | 3.2 |
| HE80, M0 to M11 1ss | 2 | 15 | -59.8 | -60.4 | 0.35 | -41.7 | -41 | 0.48 |
| HE80, M0 to M11 2ss | 2 | 15 | -59.8 | -60.4 | 0.35 | -41.7 | -41 | 0.48 |
| HE80 Beam Forming, M0 to M11 1ss | 2 | 15 | -59.8 | -60.4 | 0.35 | -41.7 | -41 | 0.48 |
| HE80 Beam Forming, M0 to M11 2ss | 2 | 15 | -59.8 | -60.4 | 0.35 | -41.7 | -41 | 0.48 |
| HE80 STBC, M0 to M11 2ss | 2 | 15 | -59.8 | -60.4 | 0.35 | -41.7 | -41 | 0.48 |

Frequency 5300 MHz

| Mode | Tx Paths | Correlated Antenna Gain (dBi) | Tx 1 Spur Power (dBm) | Tx 2 Spur Power (dBm) | Duty Cycle (dB) | Total Conducted Spur (dBm) | Limit (dB) | Margin (dB) |
|-------------------------------------|----------|-------------------------------|-----------------------|-----------------------|-----------------|----------------------------|------------|-------------|
| Non HT20, 6 to 54 Mbps | 1 | 15 | -62.4 | | 0.23 | -47.2 | -41 | 5.92 |
| Non HT20, 6 to 54 Mbps | 2 | 15 | -62.7 | -68.2 | 0.23 | -46.4 | -41 | 5.14 |
| Non HT20 Beam Forming, 6 to 54 Mbps | 2 | 15 | -62.7 | -68.2 | 0.23 | -46.4 | -41 | 5.14 |
| HT/VHT20, M0 to M7 | 1 | 15 | -62.5 | | 0.52 | -47.0 | -41 | 5.73 |
| HT/VHT20, M0 to M7 | 2 | 15 | -62.6 | -68.7 | 0.52 | -46.1 | -41 | 4.88 |
| HT/VHT20, M8 to M15 | 2 | 15 | -62.6 | -68.7 | 0.52 | -46.1 | -41 | 4.88 |
| HT/VHT20 Beam Forming, M0 to M7 | 2 | 15 | -62.6 | -68.7 | 0.52 | -46.1 | -41 | 4.88 |
| HT/VHT20 Beam Forming, M8 to M15 | 2 | 15 | -62.6 | -68.7 | 0.52 | -46.1 | -41 | 4.88 |
| HT/VHT20 STBC, M8 to M15 | 2 | 15 | -62.6 | -68.7 | 0.52 | -46.1 | -41 | 4.88 |
| HE20, M0 to M11 1ss | 1 | 15 | -63.1 | | 0.36 | -47.7 | -41 | 6.49 |
| HE20, M0 to M11 1ss | 2 | 15 | -62.3 | -70.3 | 0.36 | -46.3 | -41 | 5.05 |
| HE20, M0 to M11 2ss | 2 | 15 | -62.3 | -70.3 | 0.36 | -46.3 | -41 | 5.05 |
| HE20 Beam Forming, M0 to M11 1ss | 2 | 15 | -62.3 | -70.3 | 0.36 | -46.3 | -41 | 5.05 |
| HE20 Beam Forming, M0 to M11 2ss | 2 | 15 | -62.3 | -70.3 | 0.36 | -46.3 | -41 | 5.05 |
| HE20 STBC, M0 to M11 2ss | 2 | 15 | -62.3 | -70.3 | 0.36 | -46.3 | -41 | 5.05 |

Frequency 5310 MHz

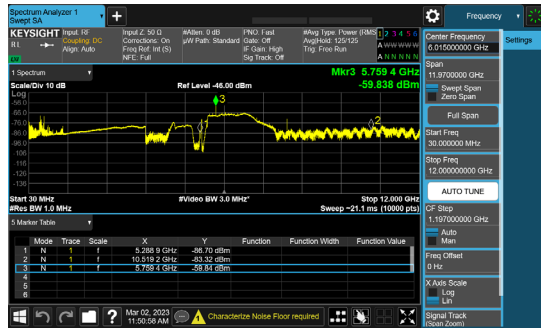
| Mode | Tx Paths | Correlated Antenna Gain (dBi) | Tx 1 Spur Power (dBm) | Tx 2 Spur Power (dBm) | Duty Cycle (dB) | Total Conducted Spur (dBm) | Limit (dB) | Margin (dB) |
|----------------------------------|----------|-------------------------------|-----------------------|-----------------------|-----------------|----------------------------|------------|-------------|
| Non HT40, 6 to 54 Mbps | 1 | 15 | -62.4 | | 0.28 | -47.1 | -41 | 5.87 |
| Non HT40, 6 to 54 Mbps | 2 | 15 | -67.8 | -68.3 | 0.28 | -49.8 | -41 | 8.5 |
| HT/VHT40, M0 to M7 | 1 | 15 | -61.8 | | 0.3 | -46.5 | -41 | 5.25 |
| HT/VHT40, M0 to M7 | 2 | 15 | -62.4 | -61.1 | 0.3 | -43.4 | -41 | 2.14 |
| HT/VHT40, M8 to M15 | 2 | 15 | -62.4 | -61.1 | 0.3 | -43.4 | -41 | 2.14 |
| HT/VHT40 Beam Forming, M0 to M7 | 2 | 15 | -62.4 | -61.1 | 0.3 | -43.4 | -41 | 2.14 |
| HT/VHT40 Beam Forming, M8 to M15 | 2 | 15 | -62.4 | -61.1 | 0.3 | -43.4 | -41 | 2.14 |
| HT/VHT40 STBC, M8 to M15 | 2 | 15 | -62.4 | -61.1 | 0.3 | -43.4 | -41 | 2.14 |
| HE40, M0 to M11 1ss | 1 | 15 | -63.3 | | 0.3 | -48.0 | -41 | 6.75 |
| HE40, M0 to M11 1ss | 2 | 15 | -63.1 | -61.7 | 0.3 | -44.0 | -41 | 2.79 |
| HE40, M0 to M11 2ss | 2 | 15 | -63.1 | -61.7 | 0.3 | -44.0 | -41 | 2.79 |
| HE40 Beam Forming, M0 to M11 1ss | 2 | 15 | -63.1 | -61.7 | 0.3 | -44.0 | -41 | 2.79 |
| HE40 Beam Forming, M0 to M11 2ss | 2 | 15 | -63.1 | -61.7 | 0.3 | -44.0 | -41 | 2.79 |
| HE40 STBC, M0 to M11 2ss | 2 | 15 | -63.1 | -61.7 | 0.3 | -44.0 | -41 | 2.79 |

Frequency 5320 MHz

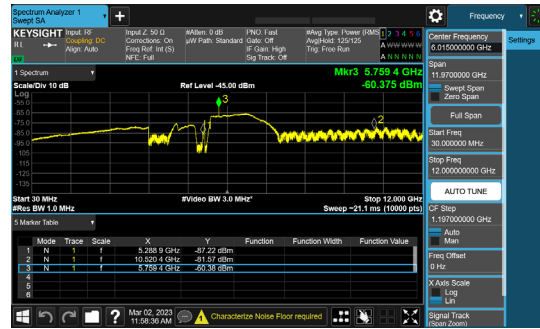
| Mode | Tx Paths | Correlated Antenna Gain (dBi) | Tx 1 Spur Power (dBm) | Tx 2 Spur Power (dBm) | Duty Cycle (dB) | Total Conducted Spur (dBm) | Limit (dB) | Margin (dB) |
|-------------------------------------|----------|-------------------------------|-----------------------|-----------------------|-----------------|----------------------------|------------|-------------|
| Non HT20, 6 to 54 Mbps | 1 | 15 | -63.7 | | 0.23 | -48.5 | -41 | 7.22 |
| Non HT20, 6 to 54 Mbps | 2 | 15 | -63.9 | -69.8 | 0.23 | -47.7 | -41 | 6.43 |
| Non HT20 Beam Forming, 6 to 54 Mbps | 2 | 15 | -63.9 | -69.8 | 0.23 | -47.7 | -41 | 6.43 |
| HT/VHT20, M0 to M7 | 1 | 15 | -64.1 | | 0.52 | -48.6 | -41 | 7.33 |
| HT/VHT20, M0 to M7 | 2 | 15 | -68.6 | -69.8 | 0.52 | -50.6 | -41 | 9.38 |
| HT/VHT20, M8 to M15 | 2 | 15 | -68.6 | -69.8 | 0.52 | -50.6 | -41 | 9.38 |
| HT/VHT20 Beam Forming, M0 to M7 | 2 | 15 | -68.6 | -69.8 | 0.52 | -50.6 | -41 | 9.38 |
| HT/VHT20 Beam Forming, M8 to M15 | 2 | 15 | -68.6 | -69.8 | 0.52 | -50.6 | -41 | 9.38 |
| HT/VHT20 STBC, M8 to M15 | 2 | 15 | -68.6 | -69.8 | 0.52 | -50.6 | -41 | 9.38 |
| HE20, M0 to M11 1ss | 1 | 15 | -64.1 | | 0.36 | -48.7 | -41 | 7.49 |
| HE20, M0 to M11 1ss | 2 | 15 | -63.8 | -69.3 | 0.36 | -47.4 | -41 | 6.11 |
| HE20, M0 to M11 2ss | 2 | 15 | -63.8 | -69.3 | 0.36 | -47.4 | -41 | 6.11 |
| HE20 Beam Forming, M0 to M11 1ss | 2 | 15 | -63.8 | -69.3 | 0.36 | -47.4 | -41 | 6.11 |
| HE20 Beam Forming, M0 to M11 2ss | 2 | 15 | -63.8 | -69.3 | 0.36 | -47.4 | -41 | 6.11 |
| HE20 STBC, M0 to M11 2ss | 2 | 15 | -63.8 | -69.3 | 0.36 | -47.4 | -41 | 6.11 |

Data Screenshots – Antenna gain 15dBi

5290 MHz: HE80, M0 to M11 1ss

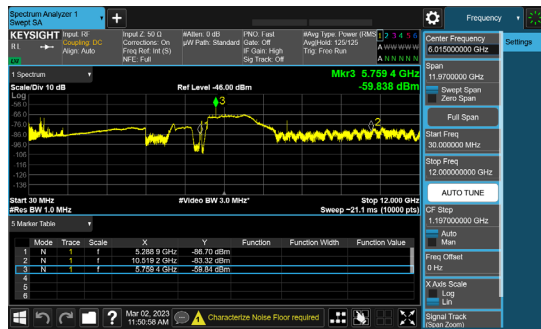


Antenna A



Antenna B

5290 MHz: HE80, M0 to M11 2ss

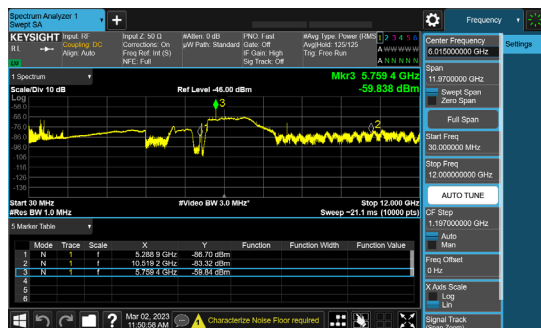


Antenna A

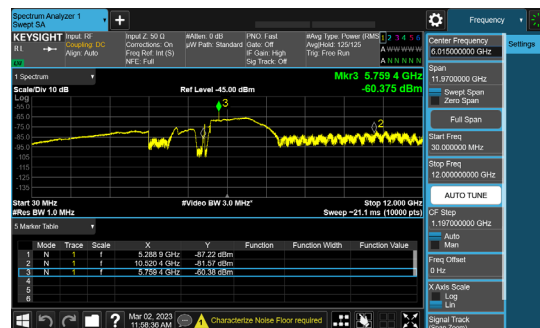


Antenna B

5290 MHz: HE80 Beam Forming, M0 to M11 1ss



Antenna A



Antenna B

Conducted Spurs Peak

Frequency 5260 MHz

| Mode | Tx Paths | Correlated Antenna Gain (dBi) | Tx 1 Spur Power (dBm) | Tx 2 Spur Power (dBm) | Duty Cycle (dB) | Total Conducted Spur (dBm) | Limit (dB) | Margin (dB) |
|-------------------------------------|----------|-------------------------------|-----------------------|-----------------------|-----------------|----------------------------|------------|-------------|
| Non HT20, 6 to 54 Mbps | 1 | 15 | -63.7 | | 0.23 | -48.5 | -27 | 21.47 |
| Non HT20, 6 to 54 Mbps | 2 | 15 | -63.3 | -63.3 | 0.23 | -45.1 | -27 | 18.06 |
| Non HT20 Beam Forming, 6 to 54 Mbps | 2 | 15 | -63.3 | -63.3 | 0.23 | -45.1 | -27 | 18.06 |
| HT/VHT20, M0 to M7 | 1 | 15 | -63.2 | | 0.52 | -47.7 | -27 | 20.68 |
| HT/VHT20, M0 to M7 | 2 | 15 | -63.6 | -62.4 | 0.52 | -44.4 | -27 | 17.43 |
| HT/VHT20, M8 to M15 | 2 | 15 | -63.6 | -62.4 | 0.52 | -44.4 | -27 | 17.43 |
| HT/VHT20 Beam Forming, M0 to M7 | 2 | 15 | -63.6 | -62.4 | 0.52 | -44.4 | -27 | 17.43 |
| HT/VHT20 Beam Forming, M8 to M15 | 2 | 15 | -63.6 | -62.4 | 0.52 | -44.4 | -27 | 17.43 |
| HT/VHT20 STBC, M8 to M15 | 2 | 15 | -63.6 | -62.4 | 0.52 | -44.4 | -27 | 17.43 |
| HE20, M0 to M11 1ss | 1 | 15 | -63.3 | | 0.36 | -47.9 | -27 | 20.94 |
| HE20, M0 to M11 1ss | 2 | 15 | -63.5 | -62.7 | 0.36 | -44.7 | -27 | 17.71 |
| HE20, M0 to M11 2ss | 2 | 15 | -63.5 | -62.7 | 0.36 | -44.7 | -27 | 17.71 |
| HE20 Beam Forming, M0 to M11 1ss | 2 | 15 | -63.5 | -62.7 | 0.36 | -44.7 | -27 | 17.71 |
| HE20 Beam Forming, M0 to M11 2ss | 2 | 15 | -63.5 | -62.7 | 0.36 | -44.7 | -27 | 17.71 |
| HE20 STBC, M0 to M11 2ss | 2 | 15 | -63.5 | -62.7 | 0.36 | -44.7 | -27 | 17.71 |

Frequency 5270 MHz

| Mode | Tx Paths | Correlated Antenna Gain (dBi) | Tx 1 Spur Power (dBm) | Tx 2 Spur Power (dBm) | Duty Cycle (dB) | Total Conducted Spur (dBm) | Limit (dB) | Margin (dB) |
|----------------------------------|----------|-------------------------------|-----------------------|-----------------------|-----------------|----------------------------|------------|-------------|
| Non HT40, 6 to 54 Mbps | 1 | 15 | -63.0 | | 0.28 | -47.7 | -27 | 20.72 |
| Non HT40, 6 to 54 Mbps | 2 | 15 | -63.1 | -63.3 | 0.28 | -44.9 | -27 | 17.91 |
| HT/VHT40, M0 to M7 | 1 | 15 | -62.9 | | 0.3 | -47.6 | -27 | 20.6 |
| HT/VHT40, M0 to M7 | 2 | 15 | -63.4 | -62.7 | 0.3 | -44.7 | -27 | 17.73 |
| HT/VHT40, M8 to M15 | 2 | 15 | -63.4 | -62.7 | 0.3 | -44.7 | -27 | 17.73 |
| HT/VHT40 Beam Forming, M0 to M7 | 2 | 15 | -63.4 | -62.7 | 0.3 | -44.7 | -27 | 17.73 |
| HT/VHT40 Beam Forming, M8 to M15 | 2 | 15 | -63.4 | -62.7 | 0.3 | -44.7 | -27 | 17.73 |
| HT/VHT40 STBC, M8 to M15 | 2 | 15 | -63.4 | -62.7 | 0.3 | -44.7 | -27 | 17.73 |
| HE40, M0 to M11 1ss | 1 | 15 | -63.1 | | 0.3 | -47.8 | -27 | 20.8 |
| HE40, M0 to M11 1ss | 2 | 15 | -62.6 | -63.4 | 0.3 | -44.7 | -27 | 17.68 |
| HE40, M0 to M11 2ss | 2 | 15 | -62.6 | -63.4 | 0.3 | -44.7 | -27 | 17.68 |
| HE40 Beam Forming, M0 to M11 1ss | 2 | 15 | -62.6 | -63.4 | 0.3 | -44.7 | -27 | 17.68 |
| HE40 Beam Forming, M0 to M11 2ss | 2 | 15 | -62.6 | -63.4 | 0.3 | -44.7 | -27 | 17.68 |
| HE40 STBC, M0 to M11 2ss | 2 | 15 | -62.6 | -63.4 | 0.3 | -44.7 | -27 | 17.68 |

Frequency 5290 MHz

| Mode | Tx Paths | Correlated Antenna Gain (dBi) | Tx 1 Spur Power (dBm) | Tx 2 Spur Power (dBm) | Duty Cycle (dB) | Total Conducted Spur (dBm) | Limit (dB) | Margin (dB) |
|-----------------------------------|----------|-------------------------------|-----------------------|-----------------------|-----------------|----------------------------|------------|-------------|
| Non HT80, 6 to 54 Mbps | 1 | 15 | -63.0 | | 0.23 | -47.8 | -27 | 20.77 |
| Non HT80, 6 to 54 Mbps | 2 | 15 | -63.0 | -63.4 | 0.23 | -45.0 | -27 | 17.95 |
| VHT80, M0 to M11 1ss | 1 | 15 | -62.9 | | 0.3 | -47.6 | -27 | 20.6 |
| VHT80, M0 to M11 1ss | 2 | 15 | -62.5 | -63.0 | 0.3 | -44.4 | -27 | 17.43 |
| VHT80, M0 to M11 2ss | 2 | 15 | -62.5 | -63.0 | 0.3 | -44.4 | -27 | 17.43 |
| VHT80 Beam Forming, M0 to M11 1ss | 2 | 15 | -62.5 | -63.0 | 0.3 | -44.4 | -27 | 17.43 |
| VHT80 Beam Forming, M0 to M11 2ss | 2 | 15 | -62.5 | -63.0 | 0.3 | -44.4 | -27 | 17.43 |
| VHT80 STBC, M0 to M11 2ss | 2 | 15 | -62.5 | -63.0 | 0.3 | -44.4 | -27 | 17.43 |
| HE80, M0 to M11 1ss | 1 | 15 | -62.2 | | 0.35 | -46.8 | -27 | 19.85 |
| HE80, M0 to M11 1ss | 2 | 15 | -62.2 | -63.2 | 0.35 | -44.3 | -27 | 17.31 |
| HE80, M0 to M11 2ss | 2 | 15 | -62.2 | -63.2 | 0.35 | -44.3 | -27 | 17.31 |
| HE80 Beam Forming, M0 to M11 1ss | 2 | 15 | -62.2 | -63.2 | 0.35 | -44.3 | -27 | 17.31 |
| HE80 Beam Forming, M0 to M11 2ss | 2 | 15 | -62.2 | -63.2 | 0.35 | -44.3 | -27 | 17.31 |
| HE80 STBC, M0 to M11 2ss | 2 | 15 | -62.2 | -63.2 | 0.35 | -44.3 | -27 | 17.31 |

Frequency 5300 MHz

| Mode | Tx Paths | Correlated Antenna Gain (dBi) | Tx 1 Spur Power (dBm) | Tx 2 Spur Power (dBm) | Duty Cycle (dB) | Total Conducted Spur (dBm) | Limit (dB) | Margin (dB) |
|-------------------------------------|----------|-------------------------------|-----------------------|-----------------------|-----------------|----------------------------|------------|-------------|
| Non HT20, 6 to 54 Mbps | 1 | 15 | -62.9 | | 0.23 | -47.7 | -27 | 20.67 |
| Non HT20, 6 to 54 Mbps | 2 | 15 | -63.2 | -62.2 | 0.23 | -44.4 | -27 | 17.43 |
| Non HT20 Beam Forming, 6 to 54 Mbps | 2 | 15 | -63.2 | -62.2 | 0.23 | -44.4 | -27 | 17.43 |
| HT/VHT20, M0 to M7 | 1 | 15 | -63.6 | | 0.52 | -48.1 | -27 | 21.08 |
| HT/VHT20, M0 to M7 | 2 | 15 | -63.5 | -63.1 | 0.52 | -44.8 | -27 | 17.77 |
| HT/VHT20, M8 to M15 | 2 | 15 | -63.5 | -63.1 | 0.52 | -44.8 | -27 | 17.77 |
| HT/VHT20 Beam Forming, M0 to M7 | 2 | 15 | -63.5 | -63.1 | 0.52 | -44.8 | -27 | 17.77 |
| HT/VHT20 Beam Forming, M8 to M15 | 2 | 15 | -63.5 | -63.1 | 0.52 | -44.8 | -27 | 17.77 |
| HT/VHT20 STBC, M8 to M15 | 2 | 15 | -63.5 | -63.1 | 0.52 | -44.8 | -27 | 17.77 |
| HE20, M0 to M11 1ss | 1 | 15 | -63.0 | | 0.36 | -47.6 | -27 | 20.64 |
| HE20, M0 to M11 1ss | 2 | 15 | -63.6 | -62.4 | 0.36 | -44.6 | -27 | 17.59 |
| HE20, M0 to M11 2ss | 2 | 15 | -63.6 | -62.4 | 0.36 | -44.6 | -27 | 17.59 |
| HE20 Beam Forming, M0 to M11 1ss | 2 | 15 | -63.6 | -62.4 | 0.36 | -44.6 | -27 | 17.59 |
| HE20 Beam Forming, M0 to M11 2ss | 2 | 15 | -63.6 | -62.4 | 0.36 | -44.6 | -27 | 17.59 |
| HE20 STBC, M0 to M11 2ss | 2 | 15 | -63.6 | -62.4 | 0.36 | -44.6 | -27 | 17.59 |

Frequency 5310 MHz

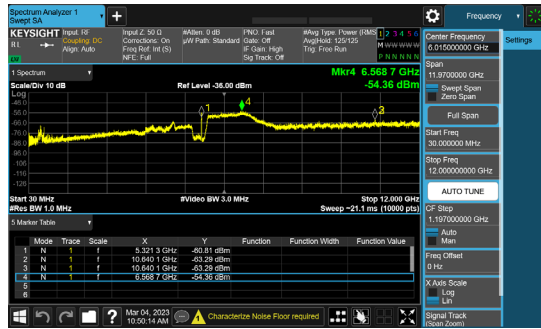
| Mode | Tx Paths | Correlated Antenna Gain (dBi) | Tx 1 Spur Power (dBm) | Tx 2 Spur Power (dBm) | Duty Cycle (dB) | Total Conducted Spur (dBm) | Limit (dB) | Margin (dB) |
|----------------------------------|----------|-------------------------------|-----------------------|-----------------------|-----------------|----------------------------|------------|-------------|
| Non HT40, 6 to 54 Mbps | 1 | 15 | -63.2 | | 0.28 | -47.9 | -27 | 20.92 |
| Non HT40, 6 to 54 Mbps | 2 | 15 | -62.7 | -62.6 | 0.28 | -44.4 | -27 | 17.36 |
| HT/VHT40, M0 to M7 | 1 | 15 | -63.1 | | 0.3 | -47.8 | -27 | 20.8 |
| HT/VHT40, M0 to M7 | 2 | 15 | -62.8 | -62.6 | 0.3 | -44.4 | -27 | 17.39 |
| HT/VHT40, M8 to M15 | 2 | 15 | -62.8 | -62.6 | 0.3 | -44.4 | -27 | 17.39 |
| HT/VHT40 Beam Forming, M0 to M7 | 2 | 15 | -62.8 | -62.6 | 0.3 | -44.4 | -27 | 17.39 |
| HT/VHT40 Beam Forming, M8 to M15 | 2 | 15 | -62.8 | -62.6 | 0.3 | -44.4 | -27 | 17.39 |
| HT/VHT40 STBC, M8 to M15 | 2 | 15 | -62.8 | -62.6 | 0.3 | -44.4 | -27 | 17.39 |
| HE40, M0 to M11 1ss | 1 | 15 | -63.8 | | 0.3 | -48.5 | -27 | 21.5 |
| HE40, M0 to M11 1ss | 2 | 15 | -63.4 | -62.3 | 0.3 | -44.5 | -27 | 17.51 |
| HE40, M0 to M11 2ss | 2 | 15 | -63.4 | -62.3 | 0.3 | -44.5 | -27 | 17.51 |
| HE40 Beam Forming, M0 to M11 1ss | 2 | 15 | -63.4 | -62.3 | 0.3 | -44.5 | -27 | 17.51 |
| HE40 Beam Forming, M0 to M11 2ss | 2 | 15 | -63.4 | -62.3 | 0.3 | -44.5 | -27 | 17.51 |
| HE40 STBC, M0 to M11 2ss | 2 | 15 | -63.4 | -62.3 | 0.3 | -44.5 | -27 | 17.51 |

Frequency 5320 MHz

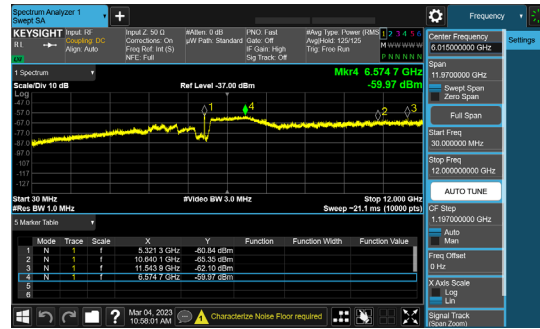
| Mode | Tx Paths | Correlated Antenna Gain (dBi) | Tx 1 Spur Power (dBm) | Tx 2 Spur Power (dBm) | Duty Cycle (dB) | Total Conducted Spur (dBm) | Limit (dB) | Margin (dB) |
|---|----------|-------------------------------|-----------------------|-----------------------|-----------------|----------------------------|------------|--------------|
| Non HT20, 6 to 54 Mbps | 1 | 15 | -61.7 | | 0.23 | -46.5 | -27 | 19.47 |
| Non HT20, 6 to 54 Mbps | 2 | 15 | -62.9 | -63.5 | 0.23 | -44.9 | -27 | 17.95 |
| Non HT20 Beam Forming, 6 to 54 Mbps | 2 | 15 | -62.9 | -63.5 | 0.23 | -44.9 | -27 | 17.95 |
| HT/VHT20, M0 to M7 | 1 | 15 | -61.5 | | 0.52 | -46.0 | -27 | 18.98 |
| HT/VHT20, M0 to M7 | 2 | 15 | -63.7 | -62.9 | 0.52 | -44.8 | -27 | 17.75 |
| HT/VHT20, M8 to M15 | 2 | 15 | -63.7 | -62.9 | 0.52 | -44.8 | -27 | 17.75 |
| HT/VHT20 Beam Forming, M0 to M7 | 2 | 15 | -63.7 | -62.9 | 0.52 | -44.8 | -27 | 17.75 |
| HT/VHT20 Beam Forming, M8 to M15 | 2 | 15 | -63.7 | -62.9 | 0.52 | -44.8 | -27 | 17.75 |
| HT/VHT20 STBC, M8 to M15 | 2 | 15 | -63.7 | -62.9 | 0.52 | -44.8 | -27 | 17.75 |
| HE20, M0 to M11 1ss | 1 | 15 | -62.9 | | 0.36 | -47.5 | -27 | 20.54 |
| HE20, M0 to M11 1ss | 2 | 15 | -63.3 | -62.1 | 0.36 | -44.3 | -27 | 17.29 |
| HE20, M0 to M11 2ss | 2 | 15 | -63.3 | -62.1 | 0.36 | -44.3 | -27 | 17.29 |
| HE20 Beam Forming, M0 to M11 1ss | 2 | 15 | -63.3 | -62.1 | 0.36 | -44.3 | -27 | 17.29 |
| HE20 Beam Forming, M0 to M11 2ss | 2 | 15 | -63.3 | -62.1 | 0.36 | -44.3 | -27 | 17.29 |
| HE20 STBC, M0 to M11 2ss | 2 | 15 | -63.3 | -62.1 | 0.36 | -44.3 | -27 | 17.29 |

Data Screenshots – Antenna gain 15dBi

5320 MHz: HE20, M0 to M11 1ss

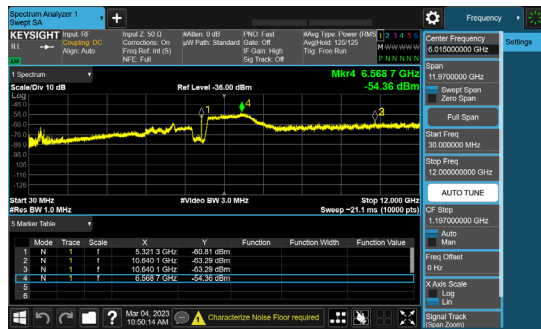


Antenna A



Antenna B

5320 MHz: HE20, M0 to M11 2ss

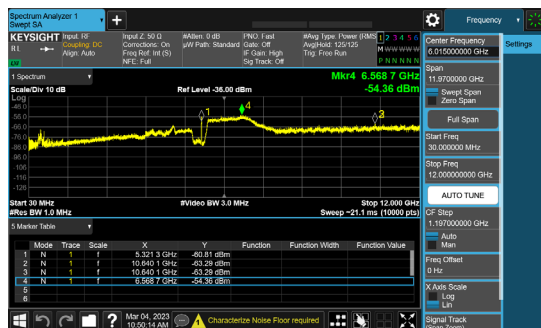


Antenna A

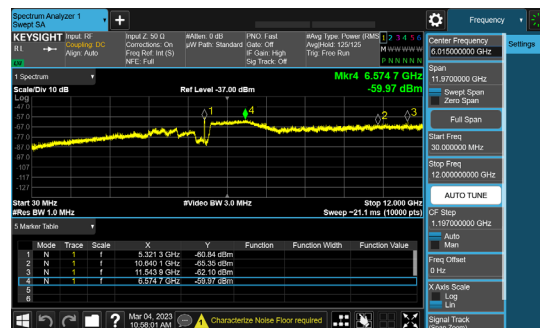


Antenna B

5320 MHz: HE20 Beam Forming, M0 to M11 1ss



Antenna A



Antenna B

A.6 Conducted Band edge

Conducted Band Edge Test Requirement

15.407(b):

Undesirable emission limits. Except as shown in paragraph (b)(7) of this section, the maximum emissions outside of the frequency bands of operation shall be attenuated in accordance with the following limits:

(2) For transmitters operating in the 5.25-5.35 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

(6) Unwanted emissions below 1 GHz must comply with the general field strength limits set forth in §15.209.

(7) The provisions of §15.205 apply to intentional radiators operating under this section.

(8) When measuring the emission limits, the nominal carrier frequency shall be adjusted as close to the upper and lower frequency band edges as the design of the equipment permits.

KDB 789033 D02 General UNII Test Procedures New Rules v02r01

2. Unwanted Emissions that fall Outside of the Restricted Bands

a) For all measurements, follow the requirements in II.G.3. *“General Requirements for Unwanted Emissions Measurements.”*

b) At frequencies below 1000 MHz, use the procedure described in II.G.4. *“Procedure for Unwanted Emissions Measurements Below 1000 MHz.”*

c) At frequencies above 1000 MHz, use the procedure for maximum emissions described in II.G.5., *“Procedure for Unwanted Emissions Measurements Above 1000 MHz.”*

(i) Sections 15.407(b) (1-3) specifies the unwanted emissions limit for the U-NII-1 and U-NII-2 bands. As specified, emissions above 1000 MHz that are outside of the restricted bands are subject to a peak emission limit of -27 dBm/MHz.

Conducted Band Edge Test Procedure

Ref. ANSI C63.10: 2013

KDB 789033 D02 General UNII Test Procedures New Rules v02r01

| Conducted Spurious Emissions Test Procedure |
|--|
| <ol style="list-style-type: none">1. Connect the antenna port(s) to the spectrum analyzer input.2. Place the radio in continuous transmit mode3. Configure Spectrum analyzer as per test parameters below (be sure to enter all losses between the transmitter output and the spectrum analyzer).4. Use the peak marker function to determine the maximum spurs amplitude level.5. The “measure-and-sum technique” is used for measuring in-band transmit power of a device. In the measure-and-sum approach, the conducted emission level is measured at each antenna port. The measured results at the various antenna ports are then summed mathematically to determine the total emission level from the device. Summing is performed in linear power units. The worst-case output is recorded. (See ANSI C63.10:2013 section 14.3.2.2)6. Capture graphs and record pertinent measurement data. |

Ref. ANSI C63.10: 2013 section 12.7.6 (Peak) and 12.7.7.2 (Average)
KDB 789033 D02 General UNII Test Procedures New Rules v02r01, Sec. 5 (Peak), Sec. 6 (Average Method AD)

| | |
|--|--|
| Conducted Spurious Emissions Test parameters | |
| Peak RBW = 1 MHz VBW \geq 3 MHz Sweep = Auto Detector = Peak Trace = Max Hold. | Average RBW = 1 MHz VBW \geq 3 MHz Sweep = Auto Detector = RMS Power Averaging |
| Tested By: Ronak Patel | Date of testing: 3/22/2023 - 6/2/2023 |
| Test Result: PASS | |

Test Equipment

See Appendix C for list of test equipment

Conducted Band edge Average – 7dBi.

Frequency 5290 MHz

| Mode | Tx Paths | Correlated Antenna Gain (dBi) | Tx 1 Bandedge Level (dBm) | Tx 2 Bandedge Level (dBm) | Duty Cycle (dB) | Total Tx Bandedge Level (dBm) | Limit (dB) | Margin (dB) |
|---|----------|-------------------------------|---------------------------|---------------------------|-----------------|-------------------------------|------------|-------------|
| Non HT80, 6 to 54 Mbps | 1 | 7 | -49.3 | | 0.23 | -42.1 | -41 | 0.82 |
| Non HT80, 6 to 54 Mbps | 2 | 7 | -52.3 | -54.1 | 0.23 | -42.9 | -41 | 1.62 |
| VHT80, M0 to M11 1ss | 1 | 7 | -49.9 | | 0.3 | -42.6 | -41 | 1.35 |
| VHT80, M0 to M11 1ss | 2 | 7 | -52.4 | -54.9 | 0.3 | -43.2 | -41 | 1.91 |
| VHT80, M0 to M11 2ss | 2 | 7 | -52.4 | -54.9 | 0.3 | -43.2 | -41 | 1.91 |
| VHT80 Beam Forming, M0 to M11 1ss | 2 | 10 | -54.4 | -55.5 | 0.3 | -41.6 | -41 | 0.36 |
| VHT80 Beam Forming, M0 to M11 2ss | 2 | 7 | -52.4 | -54.9 | 0.3 | -43.2 | -41 | 1.91 |
| VHT80 STBC, M0 to M11 2ss | 2 | 7 | -52.4 | -54.9 | 0.3 | -43.2 | -41 | 1.91 |
| HE80, M0 to M11 1ss | 1 | 7 | -51.0 | | 0.35 | -43.6 | -41 | 2.4 |
| HE80, M0 to M11 1ss | 2 | 7 | -51.0 | -52.8 | 0.35 | -41.4 | -41 | 0.2 |
| HE80, M0 to M11 2ss | 2 | 7 | -51.0 | -52.8 | 0.35 | -41.4 | -41 | 0.2 |
| HE80 Beam Forming, M0 to M11 1ss | 2 | 10 | -56.0 | -57.0 | 0.35 | -43.1 | -41 | 1.86 |
| HE80 Beam Forming, M0 to M11 2ss | 2 | 7 | -51.0 | -52.8 | 0.35 | -41.4 | -41 | 0.2 |
| HE80 STBC, M0 to M11 2ss | 2 | 7 | -51.0 | -52.8 | 0.35 | -41.4 | -41 | 0.2 |

Frequency 5310 MHz

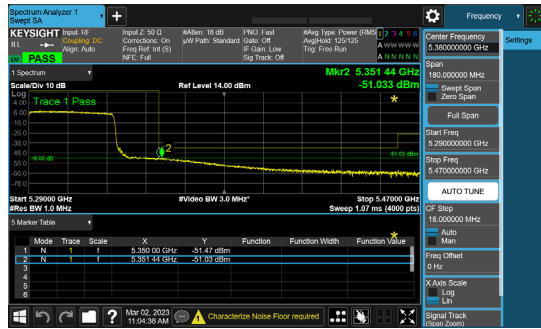
| Mode | Tx Paths | Correlated Antenna Gain (dBi) | Tx 1 Bandedge Level (dBm) | Tx 2 Bandedge Level (dBm) | Duty Cycle (dB) | Total Tx Bandedge Level (dBm) | Limit (dB) | Margin (dB) |
|----------------------------------|----------|-------------------------------|---------------------------|---------------------------|-----------------|-------------------------------|------------|-------------|
| Non HT40, 6 to 54 Mbps | 1 | 7 | -53.7 | | 0.28 | -46.4 | -41 | 5.17 |
| Non HT40, 6 to 54 Mbps | 2 | 7 | -53.7 | -54.1 | 0.28 | -43.6 | -41 | 2.35 |
| HT/VHT40, M0 to M7 | 1 | 7 | -49.1 | | 0.3 | -41.8 | -41 | 0.55 |
| HT/VHT40, M0 to M7 | 2 | 7 | -51.4 | -52.5 | 0.3 | -41.6 | -41 | 0.36 |
| HT/VHT40, M8 to M15 | 2 | 7 | -51.4 | -52.5 | 0.3 | -41.6 | -41 | 0.36 |
| HT/VHT40 Beam Forming, M0 to M7 | 2 | 10 | -53.9 | -56.1 | 0.3 | -41.6 | -41 | 0.3 |
| HT/VHT40 Beam Forming, M8 to M15 | 2 | 7 | -51.4 | -52.5 | 0.3 | -41.6 | -41 | 0.36 |
| HT/VHT40 STBC, M8 to M15 | 2 | 7 | -51.4 | -52.5 | 0.3 | -41.6 | -41 | 0.36 |
| HE40, M0 to M11 1ss | 1 | 7 | -51.1 | | 0.3 | -43.8 | -41 | 2.55 |
| HE40, M0 to M11 1ss | 2 | 7 | -52.4 | -54.3 | 0.3 | -42.9 | -41 | 1.69 |
| HE40, M0 to M11 2ss | 2 | 7 | -52.4 | -54.3 | 0.3 | -42.9 | -41 | 1.69 |
| HE40 Beam Forming, M0 to M11 1ss | 2 | 10 | -54.9 | -56.0 | 0.3 | -42.1 | -41 | 0.86 |
| HE40 Beam Forming, M0 to M11 2ss | 2 | 7 | -52.4 | -54.3 | 0.3 | -42.9 | -41 | 1.69 |
| HE40 STBC, M0 to M11 2ss | 2 | 7 | -52.4 | -54.3 | 0.3 | -42.9 | -41 | 1.69 |

Frequency 5320 MHz

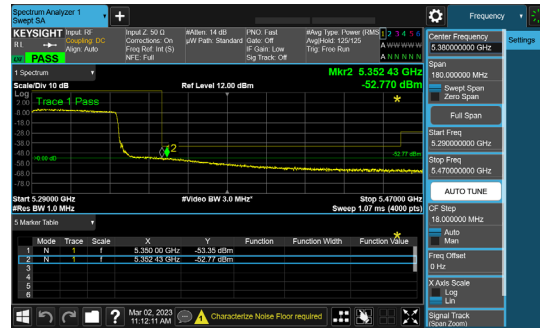
| Mode | Tx Paths | Correlated Antenna Gain (dBi) | Tx 1 Bandedge Level (dBm) | Tx 2 Bandedge Level (dBm) | Duty Cycle (dB) | Total Tx Bandedge Level (dBm) | Limit (dB) | Margin (dB) |
|-------------------------------------|----------|-------------------------------|---------------------------|---------------------------|-----------------|-------------------------------|------------|-------------|
| Non HT20, 6 to 54 Mbps | 1 | 7 | -52.5 | | 0.23 | -45.3 | -41 | 4.02 |
| Non HT20, 6 to 54 Mbps | 2 | 7 | -57.7 | -58.2 | 0.23 | -47.7 | -41 | 6.45 |
| Non HT20 Beam Forming, 6 to 54 Mbps | 2 | 10 | -57.7 | -58.2 | 0.23 | -44.7 | -41 | 3.45 |
| HT/VHT20, M0 to M7 | 1 | 7 | -49.9 | | 0.52 | -42.4 | -41 | 1.13 |
| HT/VHT20, M0 to M7 | 2 | 7 | -57.4 | -58.5 | 0.52 | -47.4 | -41 | 6.14 |
| HT/VHT20, M8 to M15 | 2 | 7 | -54.6 | -56.1 | 0.52 | -44.8 | -41 | 3.51 |
| HT/VHT20 Beam Forming, M0 to M7 | 2 | 10 | -57.4 | -58.5 | 0.52 | -44.4 | -41 | 3.14 |
| HT/VHT20 Beam Forming, M8 to M15 | 2 | 7 | -54.6 | -56.1 | 0.52 | -44.8 | -41 | 3.51 |
| HT/VHT20 STBC, M8 to M15 | 2 | 7 | -54.6 | -56.1 | 0.52 | -44.8 | -41 | 3.51 |
| HE20, M0 to M11 1ss | 1 | 7 | -54.6 | | 0.36 | -47.2 | -41 | 5.99 |
| HE20, M0 to M11 1ss | 2 | 7 | -57.2 | -57.2 | 0.36 | -46.8 | -41 | 5.58 |
| HE20, M0 to M11 2ss | 2 | 7 | -54.6 | -55.7 | 0.36 | -44.7 | -41 | 3.5 |
| HE20 Beam Forming, M0 to M11 1ss | 2 | 10 | -57.2 | -57.2 | 0.36 | -43.8 | -41 | 2.58 |
| HE20 Beam Forming, M0 to M11 2ss | 2 | 7 | -54.6 | -55.7 | 0.36 | -44.7 | -41 | 3.5 |
| HE20 STBC, M0 to M11 2ss | 2 | 7 | -54.6 | -55.7 | 0.36 | -44.7 | -41 | 3.5 |

Data Screenshots – Antenna gain 7dBi

5290 MHz: HE80, M0 to M11 1ss

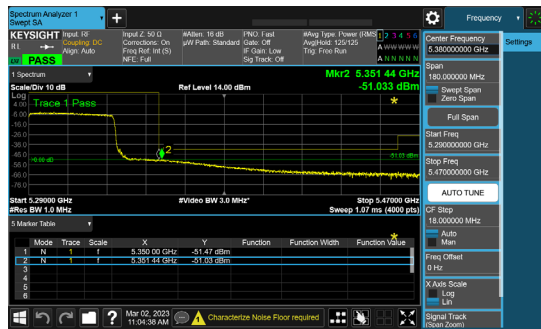


Antenna A



Antenna B

5290 MHz: HE80, M0 to M11 2ss

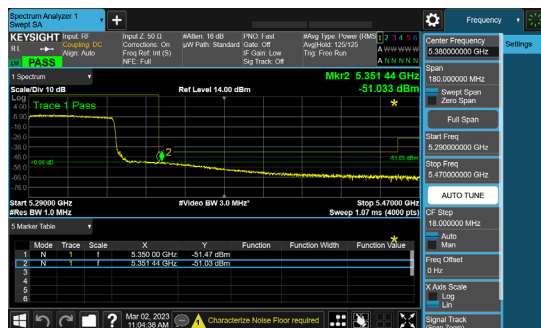


Antenna A

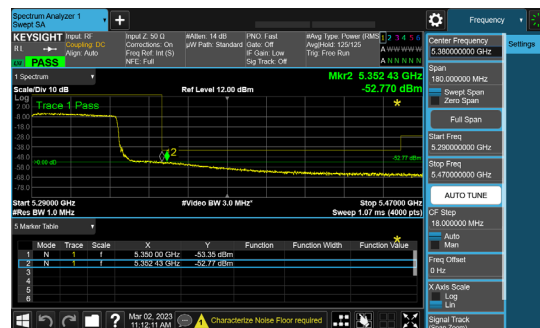


Antenna B

5290 MHz: HE80 Beam Forming, M0 to M11 2ss



Antenna A



Antenna B

Conducted Band edge Peak – Antenna gain 7dBi.

Frequency 5290 MHz

| Mode | Tx Paths | Correlated Antenna Gain (dBi) | Tx 1 Bandedge Level (dBm) | Tx 2 Bandedge Level (dBm) | Total Tx Bandedge Level (dBm) | Limit (dB) | Margin (dB) |
|-----------------------------------|----------|-------------------------------|---------------------------|---------------------------|-------------------------------|------------|-------------|
| Non HT80, 6 to 54 Mbps | 1 | 7 | -34.7 | | -27.5 | -27 | 0.47 |
| Non HT80, 6 to 54 Mbps | 2 | 7 | -41.8 | -42.7 | -32.0 | -27 | 4.99 |
| VHT80, M0 to M11 1ss | 1 | 7 | -39.0 | | -31.7 | -27 | 4.7 |
| VHT80, M0 to M11 1ss | 2 | 7 | -42.5 | -43.1 | -32.5 | -27 | 5.48 |
| VHT80, M0 to M11 2ss | 2 | 7 | -42.5 | -43.1 | -32.5 | -27 | 5.48 |
| VHT80 Beam Forming, M0 to M11 1ss | 2 | 10 | -43.9 | -43.2 | -30.2 | -27 | 3.23 |
| VHT80 Beam Forming, M0 to M11 2ss | 2 | 7 | -42.5 | -43.1 | -32.5 | -27 | 5.48 |
| VHT80 STBC, M0 to M11 2ss | 2 | 7 | -42.5 | -43.1 | -32.5 | -27 | 5.48 |
| HE80, M0 to M11 1ss | 1 | 7 | -40.5 | | -33.1 | -27 | 6.15 |
| HE80, M0 to M11 1ss | 2 | 7 | -40.5 | -42.2 | -30.9 | -27 | 3.91 |
| HE80, M0 to M11 2ss | 2 | 7 | -40.5 | -42.2 | -30.9 | -27 | 3.91 |
| HE80 Beam Forming, M0 to M11 1ss | 2 | 10 | -44.5 | -45.4 | -31.6 | -27 | 4.57 |
| HE80 Beam Forming, M0 to M11 2ss | 2 | 7 | -40.5 | -42.2 | -30.9 | -27 | 3.91 |
| HE80 STBC, M0 to M11 2ss | 2 | 7 | -40.5 | -42.2 | -30.9 | -27 | 3.91 |

Frequency 5310 MHz

| Mode | Tx Paths | Correlated Antenna Gain (dBi) | Tx 1 Bandedge Level (dBm) | Tx 2 Bandedge Level (dBm) | Total Tx Bandedge Level (dBm) | Limit (dB) | Margin (dB) |
|--|----------|-------------------------------|---------------------------|---------------------------|-------------------------------|------------|-------------|
| Non HT40, 6 to 54 Mbps | 1 | 7 | -39.3 | | -32.0 | -27 | 5.02 |
| Non HT40, 6 to 54 Mbps | 2 | 7 | -39.3 | -43.0 | -30.5 | -27 | 3.48 |
| HT/VHT40, M0 to M7 | 1 | 7 | -38.8 | | -31.5 | -27 | 4.5 |
| HT/VHT40, M0 to M7 | 2 | 7 | -40.8 | -41.5 | -30.8 | -27 | 3.83 |
| HT/VHT40, M8 to M15 | 2 | 7 | -40.8 | -41.5 | -30.8 | -27 | 3.83 |
| HT/VHT40 Beam Forming, M0 to M7 | 2 | 10 | -43.0 | -43.7 | -30.0 | -27 | 3.03 |
| HT/VHT40 Beam Forming, M8 to M15 | 2 | 7 | -40.8 | -41.5 | -30.8 | -27 | 3.83 |
| HT/VHT40 STBC, M8 to M15 | 2 | 7 | -40.8 | -41.5 | -30.8 | -27 | 3.83 |
| HE40, M0 to M11 1ss | 1 | 7 | -39.8 | | -32.5 | -27 | 5.5 |
| HE40, M0 to M11 1ss | 2 | 7 | -42.8 | -43.6 | -32.9 | -27 | 5.88 |
| HE40, M0 to M11 2ss | 2 | 7 | -42.8 | -43.6 | -32.9 | -27 | 5.88 |
| HE40 Beam Forming, M0 to M11 1ss | 2 | 10 | -44.9 | -45.8 | -32.0 | -27 | 5.02 |
| HE40 Beam Forming, M0 to M11 2ss | 2 | 7 | -42.8 | -43.6 | -32.9 | -27 | 5.88 |
| HE40 STBC, M0 to M11 2ss | 2 | 7 | -42.8 | -43.6 | -32.9 | -27 | 5.88 |

Frequency 5320 MHz

| Mode | Tx Paths | Correlated Antenna Gain (dBi) | Tx 1 Bandedge Level (dBm) | Tx 2 Bandedge Level (dBm) | Total Tx Bandedge Level (dBm) | Limit (dB) | Margin (dB) |
|-------------------------------------|----------|-------------------------------|---------------------------|---------------------------|-------------------------------|------------|-------------|
| Non HT20, 6 to 54 Mbps | 1 | 7 | -39.7 | | -32.5 | -27 | 5.47 |
| Non HT20, 6 to 54 Mbps | 2 | 7 | -45.7 | -47.0 | -36.1 | -27 | 9.06 |
| Non HT20 Beam Forming, 6 to 54 Mbps | 2 | 10 | -45.7 | -47.0 | -33.1 | -27 | 6.06 |
| HT/VHT20, M0 to M7 | 1 | 7 | -37.3 | | -29.8 | -27 | 2.78 |
| HT/VHT20, M0 to M7 | 2 | 7 | -47.6 | -48.2 | -37.4 | -27 | 10.36 |
| HT/VHT20, M8 to M15 | 2 | 7 | -43.6 | -43.3 | -32.9 | -27 | 5.92 |
| HT/VHT20 Beam Forming, M0 to M7 | 2 | 10 | -47.6 | -48.2 | -34.4 | -27 | 7.36 |
| HT/VHT20 Beam Forming, M8 to M15 | 2 | 7 | -43.6 | -43.3 | -32.9 | -27 | 5.92 |
| HT/VHT20 STBC, M8 to M15 | 2 | 7 | -43.6 | -43.3 | -32.9 | -27 | 5.92 |
| HE20, M0 to M11 1ss | 1 | 7 | -43.4 | | -36.0 | -27 | 9.04 |
| HE20, M0 to M11 1ss | 2 | 7 | -44.6 | -46.0 | -34.9 | -27 | 7.88 |
| HE20, M0 to M11 2ss | 2 | 7 | -43.4 | -42.8 | -32.7 | -27 | 5.72 |
| HE20 Beam Forming, M0 to M11 1ss | 2 | 10 | -44.6 | -46.0 | -31.9 | -27 | 4.88 |
| HE20 Beam Forming, M0 to M11 2ss | 2 | 7 | -43.4 | -42.8 | -32.7 | -27 | 5.72 |
| HE20 STBC, M0 to M11 2ss | 2 | 7 | -43.4 | -42.8 | -32.7 | -27 | 5.72 |

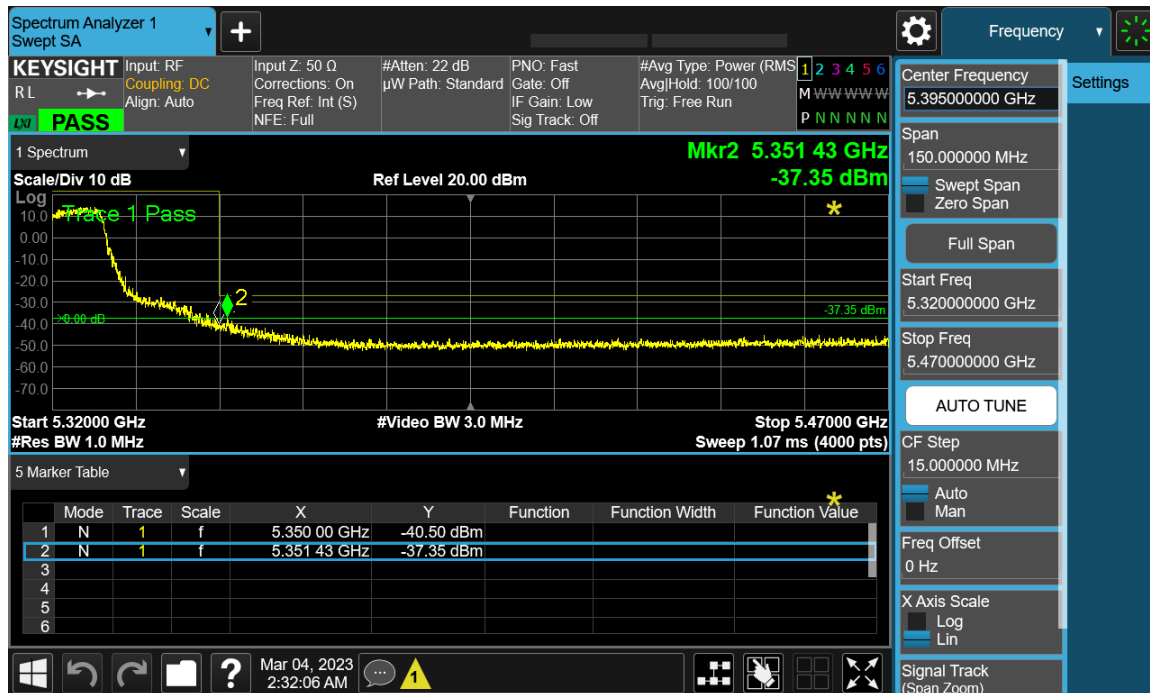
Data Screenshots

5290 MHz: Non HT80, 6 to 54 Mbps



Antenna A

5320 MHz: HT/VHT20, M0 to M7



Antenna A