

Frequency 5210 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	3	-60.4		0.36	-57.0	-41	15.79
Non HT80, 6 to 54 Mbps	2	3	-60.4	-61.0	0.36	-54.3	-41	13.07
VHT80, M0 to M11 1ss	1	3	-61.2		0.3	-57.9	-41	16.65
VHT80, M0 to M11 1ss	2	3	-61.3	-61.4	0.3	-55.0	-41	13.79
VHT80, M0 to M11 2ss	2	3	-61.3	-61.4	0.3	-55.0	-41	13.79
VHT80 Beam Forming, M0 to M11 1ss	2	6	-61.1	-61.5	0.3	-52.0	-41	10.73
VHT80 Beam Forming, M0 to M11 2ss	2	3	-61.3	-61.4	0.3	-55.0	-41	13.79
VHT80 STBC, M0 to M11 2ss	2	3	-61.3	-61.4	0.3	-55.0	-41	13.79
HE80, M0 to M11 1ss	1	3	-61.3		0.31	-58.0	-41	16.74
HE80, M0 to M11 1ss	2	3	-60.9	-60.9	0.31	-54.6	-41	13.33
HE80, M0 to M11 2ss	2	3	-60.9	-60.9	0.31	-54.6	-41	13.33
HE80 Beam Forming, M0 to M11 1ss	2	6	-60.8	-61.2	0.31	-51.7	-41	10.43
HE80 Beam Forming, M0 to M11 2ss	2	3	-60.9	-60.9	0.31	-54.6	-41	13.33
HE80 STBC, M0 to M11 2ss	2	3	-60.9	-60.9	0.31	-54.6	-41	13.33

Frequency 5220 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	3	-61.6		0.36	-58.2	-41	16.99
Non HT20, 6 to 54 Mbps	2	3	-61.4	-60.1	0.36	-54.3	-41	13.08
Non HT20 Beam Forming, 6 to 54 Mbps	2	6	-63.1	-61.7	0.36	-53.0	-41	11.73
HT/VHT20, M0 to M7	1	3	-61.6		0.3	-58.3	-41	17.05
HT/VHT20, M0 to M7	2	3	-61.6	-60.3	0.3	-54.6	-41	13.34
HT/VHT20, M8 to M15	2	3	-61.6	-60.3	0.3	-54.6	-41	13.34
HT/VHT20 Beam Forming, M0 to M7	2	6	-63.1	-61.6	0.3	-53.0	-41	11.72
HT/VHT20 Beam Forming, M8 to M15	2	3	-61.6	-60.3	0.3	-54.6	-41	13.34
HT/VHT20 STBC, M8 to M15	2	3	-61.6	-60.3	0.3	-54.6	-41	13.34
HE20, M0 to M11 1ss	1	3	-61.5		0.26	-58.2	-41	16.99
HE20, M0 to M11 1ss	2	3	-61.5	-60.6	0.26	-54.8	-41	13.51
HE20, M0 to M11 2ss	2	3	-61.5	-60.6	0.26	-54.8	-41	13.51
HE20 Beam Forming, M0 to M11 1ss	2	6	-62.8	-61.4	0.26	-52.8	-41	11.53
HE20 Beam Forming, M0 to M11 2ss	2	3	-61.5	-60.6	0.26	-54.8	-41	13.51
HE20 STBC, M0 to M11 2ss	2	3	-61.5	-60.6	0.26	-54.8	-41	13.51

Frequency 5230 MHz

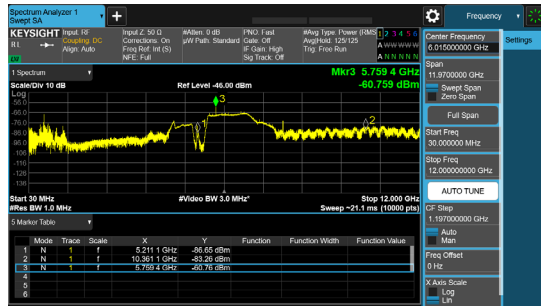
Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 Spur Power (dBm)	Tx 2 Spur Power (dBm)	Duty Cycle (dB)	Total Conducted Spur (dBm)	Limit (dB)	Margin (dB)
Non HT40, 6 to 54 Mbps	1	3	-61.3		0.31	-58.0	-41	16.74
Non HT40, 6 to 54 Mbps	2	3	-61.3	-60.0	0.31	-54.3	-41	13.03
HT/VHT40, M0 to M7	1	3	-61.0		0.27	-57.7	-41	16.48
HT/VHT40, M0 to M7	2	3	-59.5	-59.4	0.27	-53.2	-41	11.92
HT/VHT40, M8 to M15	2	3	-59.5	-59.4	0.27	-53.2	-41	11.92
HT/VHT40 Beam Forming, M0 to M7	2	6	-62.5	-61.3	0.27	-52.6	-41	11.33
HT/VHT40 Beam Forming, M8 to M15	2	3	-59.5	-59.4	0.27	-53.2	-41	11.92
HT/VHT40 STBC, M8 to M15	2	3	-59.5	-59.4	0.27	-53.2	-41	11.92
HE40, M0 to M11 1ss	1	3	-60.1		0.3	-56.8	-41	15.55
HE40, M0 to M11 1ss	2	3	-59.4	-60.9	0.3	-53.8	-41	12.53
HE40, M0 to M11 2ss	2	3	-59.4	-60.9	0.3	-53.8	-41	12.53
HE40 Beam Forming, M0 to M11 1ss	2	6	-60.5	-61.9	0.3	-51.8	-41	10.59
HE40 Beam Forming, M0 to M11 2ss	2	3	-59.4	-60.9	0.3	-53.8	-41	12.53
HE40 STBC, M0 to M11 2ss	2	3	-59.4	-60.9	0.3	-53.8	-41	12.53

Frequency 5240 MHz

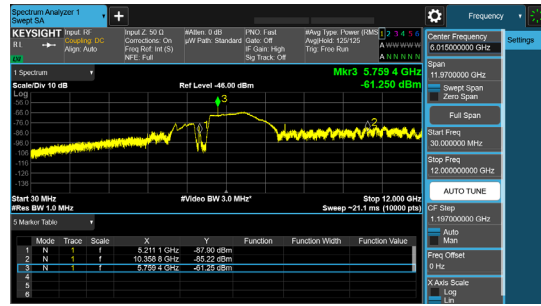
Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 Spur Power (dBm)	Tx 2 Spur Power (dBm)	Duty Cycle (dB)	Total Conducted Spur (dBm)	Limit (dB)	Margin (dB)
Non HT20, 6 to 54 Mbps	1	3	-60.2		0.36	-56.8	-41	15.59
Non HT20, 6 to 54 Mbps	2	3	-60.2	-61.2	0.36	-54.3	-41	13.05
Non HT20 Beam Forming, 6 to 54 Mbps	2	6	-61.0	-62.5	0.36	-52.3	-41	11.07
HT/VHT20, M0 to M7	1	3	-59.9		0.3	-56.6	-41	15.35
HT/VHT20, M0 to M7	2	3	-59.9	-61.4	0.3	-54.3	-41	13.02
HT/VHT20, M8 to M15	2	3	-59.9	-61.4	0.3	-54.3	-41	13.02
HT/VHT20 Beam Forming, M0 to M7	2	6	-61.1	-62.6	0.3	-52.5	-41	11.22
HT/VHT20 Beam Forming, M8 to M15	2	3	-59.9	-61.4	0.3	-54.3	-41	13.02
HT/VHT20 STBC, M8 to M15	2	3	-59.9	-61.4	0.3	-54.3	-41	13.02
HE20, M0 to M11 1ss	1	3	-60.1		0.26	-56.8	-41	15.59
HE20, M0 to M11 1ss	2	3	-60.0	-61.3	0.26	-54.3	-41	13.09
HE20, M0 to M11 2ss	2	3	-60.0	-61.3	0.26	-54.3	-41	13.09
HE20 Beam Forming, M0 to M11 1ss	2	6	-61.0	-62.6	0.26	-52.5	-41	11.21
HE20 Beam Forming, M0 to M11 2ss	2	3	-60.0	-61.3	0.26	-54.3	-41	13.09
HE20 STBC, M0 to M11 2ss	2	3	-60.0	-61.3	0.26	-54.3	-41	13.09

Data Screenshots – Antenna gain 3dBi average.

5210 MHz: HE80 Beam Forming, M0 to M11 1ss.

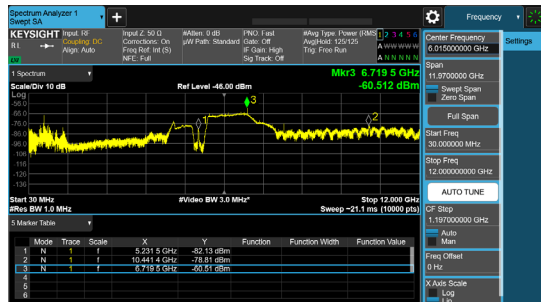


Antenna A

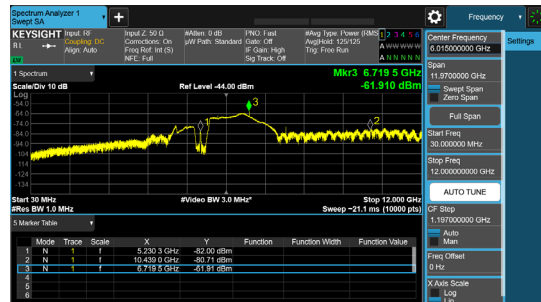


Antenna B

5230 MHz: HE40 Beam Forming, M0 to M11 1ss.

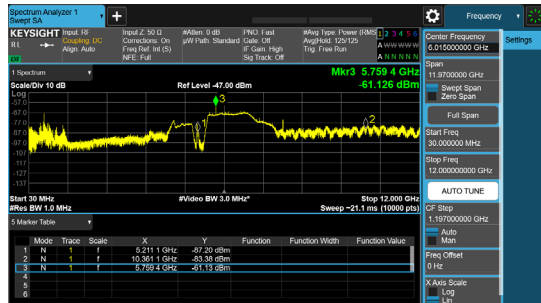


Antenna A

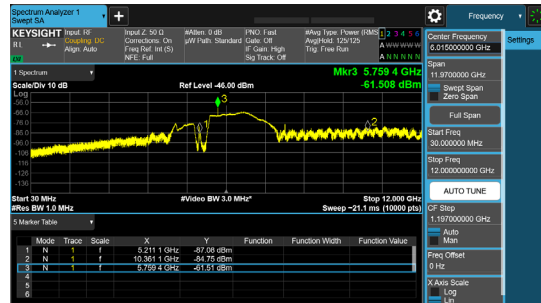


Antenna B

5210 MHz: VHT80 Beam Forming, M0 to M11 1ss.



Antenna A



Antenna B

Conducted Spurious emission Peak – Antenna gain 3dBi.**Frequency 5180 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	3	-63.4		0.36	-60.0	-27	33.04
Non HT20, 6 to 54 Mbps	2	3	-63.3	-62.8	0.36	-56.7	-27	29.68
Non HT20 Beam Forming, 6 to 54 Mbps	2	6	-62.1	-63.3	0.36	-53.3	-27	26.29
HT/VHT20, M0 to M7	1	3	-63.5		0.3	-60.2	-27	33.2
HT/VHT20, M0 to M7	2	3	-63.5	-61.8	0.3	-56.3	-27	29.25
HT/VHT20, M8 to M15	2	3	-63.5	-61.8	0.3	-56.3	-27	29.25
HT/VHT20 Beam Forming, M0 to M7	2	6	-63.8	-63.4	0.3	-54.3	-27	27.28
HT/VHT20 Beam Forming, M8 to M15	2	3	-63.5	-61.8	0.3	-56.3	-27	29.25
HT/VHT20 STBC, M8 to M15	2	3	-63.5	-61.8	0.3	-56.3	-27	29.25
HE20, M0 to M11 1ss	1	3	-63.1		0.26	-59.8	-27	32.84
HE20, M0 to M11 1ss	2	3	-63.1	-61.7	0.26	-56.1	-27	29.08
HE20, M0 to M11 2ss	2	3	-63.1	-61.7	0.26	-56.1	-27	29.08
HE20 Beam Forming, M0 to M11 1ss	2	6	-62.6	-62.2	0.26	-53.1	-27	26.13
HE20 Beam Forming, M0 to M11 2ss	2	3	-63.1	-61.7	0.26	-56.1	-27	29.08
HE20 STBC, M0 to M11 2ss	2	3	-63.1	-61.7	0.26	-56.1	-27	29.08

Frequency 5190 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	3	-63.4		0.31	-60.1	-27	33.09
Non HT40, 6 to 54 Mbps	2	3	-63.3	-61.7	0.31	-56.1	-27	29.11
HT/VHT40, M0 to M7	1	3	-62.7		0.27	-59.4	-27	32.43
HT/VHT40, M0 to M7	2	3	-63.5	-62.8	0.27	-56.9	-27	29.85
HT/VHT40, M8 to M15	2	3	-63.5	-62.8	0.27	-56.9	-27	29.85
HT/VHT40 Beam Forming, M0 to M7	2	6	-62.3	-63.0	0.27	-53.4	-27	26.35
HT/VHT40 Beam Forming, M8 to M15	2	3	-63.5	-62.8	0.27	-56.9	-27	29.85
HT/VHT40 STBC, M8 to M15	2	3	-63.5	-62.8	0.27	-56.9	-27	29.85
HE40, M0 to M11 1ss	1	3	-63.9		0.3	-60.6	-27	33.6
HE40, M0 to M11 1ss	2	3	-63.7	-63.2	0.3	-57.1	-27	30.13
HE40, M0 to M11 2ss	2	3	-63.7	-63.2	0.3	-57.1	-27	30.13
HE40 Beam Forming, M0 to M11 1ss	2	6	-63.5	-63.1	0.3	-54.0	-27	26.99
HE40 Beam Forming, M0 to M11 2ss	2	3	-63.7	-63.2	0.3	-57.1	-27	30.13
HE40 STBC, M0 to M11 2ss	2	3	-63.7	-63.2	0.3	-57.1	-27	30.13

Frequency 5210 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	3	-62.8		0.36	-59.4	-27	32.44
Non HT80, 6 to 54 Mbps	2	3	-63.2	-63.2	0.36	-56.8	-27	29.83
VHT80, M0 to M11 1ss	1	3	-61.9		0.3	-58.6	-27	31.6
VHT80, M0 to M11 1ss	2	3	-63.4	-62.6	0.3	-56.7	-27	29.67
VHT80, M0 to M11 2ss	2	3	-63.4	-62.6	0.3	-56.7	-27	29.67
VHT80 Beam Forming, M0 to M11 1ss	2	6	-63.1	-63.2	0.3	-53.8	-27	26.84
VHT80 Beam Forming, M0 to M11 2ss	2	3	-63.4	-62.6	0.3	-56.7	-27	29.67
VHT80 STBC, M0 to M11 2ss	2	3	-63.4	-62.6	0.3	-56.7	-27	29.67
HE80, M0 to M11 1ss	1	3	-63.4		0.31	-60.1	-27	33.09
HE80, M0 to M11 1ss	2	3	-63.2	-63.3	0.31	-56.9	-27	29.93
HE80, M0 to M11 2ss	2	3	-63.2	-63.3	0.31	-56.9	-27	29.93
HE80 Beam Forming, M0 to M11 1ss	2	6	-63.3	-63.7	0.31	-54.2	-27	27.18
HE80 Beam Forming, M0 to M11 2ss	2	3	-63.2	-63.3	0.31	-56.9	-27	29.93
HE80 STBC, M0 to M11 2ss	2	3	-63.2	-63.3	0.31	-56.9	-27	29.93

Frequency 5220 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	3	-63.4		0.36	-60.0	-27	33.04
Non HT20, 6 to 54 Mbps	2	3	-62.5	-63.0	0.36	-56.4	-27	29.38
Non HT20 Beam Forming, 6 to 54 Mbps	2	6	-63.0	-63.2	0.36	-53.7	-27	26.73
HT/VHT20, M0 to M7	1	3	-63.1		0.3	-59.8	-27	32.8
HT/VHT20, M0 to M7	2	3	-63.1	-61.8	0.3	-56.1	-27	29.09
HT/VHT20, M8 to M15	2	3	-63.1	-61.8	0.3	-56.1	-27	29.09
HT/VHT20 Beam Forming, M0 to M7	2	6	-62.9	-63.2	0.3	-53.7	-27	26.73
HT/VHT20 Beam Forming, M8 to M15	2	3	-63.1	-61.8	0.3	-56.1	-27	29.09
HT/VHT20 STBC, M8 to M15	2	3	-63.1	-61.8	0.3	-56.1	-27	29.09
HE20, M0 to M11 1ss	1	3	-63.4		0.26	-60.1	-27	33.14
HE20, M0 to M11 1ss	2	3	-62.9	-62.9	0.26	-56.6	-27	29.63
HE20, M0 to M11 2ss	2	3	-62.9	-62.9	0.26	-56.6	-27	29.63
HE20 Beam Forming, M0 to M11 1ss	2	6	-62.7	-63.1	0.26	-53.6	-27	26.63
HE20 Beam Forming, M0 to M11 2ss	2	3	-62.9	-62.9	0.26	-56.6	-27	29.63
HE20 STBC, M0 to M11 2ss	2	3	-62.9	-62.9	0.26	-56.6	-27	29.63

Frequency 5230 MHz

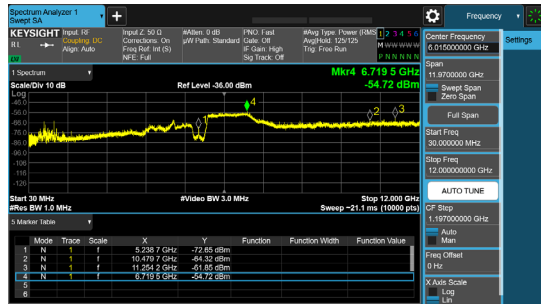
Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 Spur Power (dBm)	Tx 2 Spur Power (dBm)	Duty Cycle (dB)	Total Conducted Spur (dBm)	Limit (dB)	Margin (dB)
Non HT40, 6 to 54 Mbps	1	3	-63.2		0.31	-59.9	-27	32.89
Non HT40, 6 to 54 Mbps	2	3	-63.2	-62.6	0.31	-56.6	-27	29.57
HT/VHT40, M0 to M7	1	3	-63.6		0.27	-60.3	-27	33.33
HT/VHT40, M0 to M7	2	3	-62.9	-62.2	0.27	-56.3	-27	29.25
HT/VHT40, M8 to M15	2	3	-62.9	-62.2	0.27	-56.3	-27	29.25
HT/VHT40 Beam Forming, M0 to M7	2	6	-63.5	-62.4	0.27	-53.6	-27	26.63
HT/VHT40 Beam Forming, M8 to M15	2	3	-62.9	-62.2	0.27	-56.3	-27	29.25
HT/VHT40 STBC, M8 to M15	2	3	-62.9	-62.2	0.27	-56.3	-27	29.25
HE40, M0 to M11 1ss	1	3	-63.1		0.3	-59.8	-27	32.8
HE40, M0 to M11 1ss	2	3	-63.0	-63.4	0.3	-56.9	-27	29.89
HE40, M0 to M11 2ss	2	3	-63.0	-63.4	0.3	-56.9	-27	29.89
HE40 Beam Forming, M0 to M11 1ss	2	6	-63.5	-62.5	0.3	-53.7	-27	26.66
HE40 Beam Forming, M0 to M11 2ss	2	3	-63.0	-63.4	0.3	-56.9	-27	29.89
HE40 STBC, M0 to M11 2ss	2	3	-63.0	-63.4	0.3	-56.9	-27	29.89

Frequency 5240 MHz

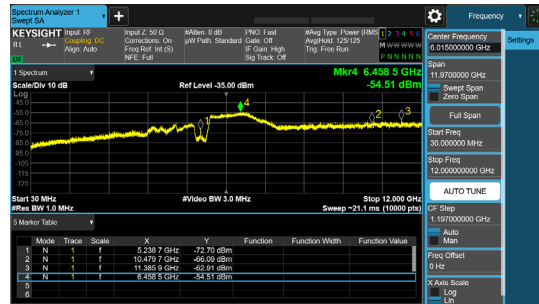
Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 Spur Power (dBm)	Tx 2 Spur Power (dBm)	Duty Cycle (dB)	Total Conducted Spur (dBm)	Limit (dB)	Margin (dB)
Non HT20, 6 to 54 Mbps	1	3	-62.7		0.36	-59.3	-27	32.34
Non HT20, 6 to 54 Mbps	2	3	-62.7	-62.3	0.36	-56.1	-27	29.13
Non HT20 Beam Forming, 6 to 54 Mbps	2	6	-61.8	-62.9	0.36	-52.9	-27	25.95
HT/VHT20, M0 to M7	1	3	-62.7		0.3	-59.4	-27	32.4
HT/VHT20, M0 to M7	2	3	-62.7	-62.5	0.3	-56.3	-27	29.29
HT/VHT20, M8 to M15	2	3	-62.7	-62.5	0.3	-56.3	-27	29.29
HT/VHT20 Beam Forming, M0 to M7	2	6	-62.8	-63.4	0.3	-53.8	-27	26.78
HT/VHT20 Beam Forming, M8 to M15	2	3	-62.7	-62.5	0.3	-56.3	-27	29.29
HT/VHT20 STBC, M8 to M15	2	3	-62.7	-62.5	0.3	-56.3	-27	29.29
HE20, M0 to M11 1ss	1	3	-62.7		0.26	-59.4	-27	32.44
HE20, M0 to M11 1ss	2	3	-62.6	-61.7	0.26	-55.9	-27	28.86
HE20, M0 to M11 2ss	2	3	-62.6	-61.7	0.26	-55.9	-27	28.86
HE20 Beam Forming, M0 to M11 1ss	2	6	-62.7	-63.0	0.26	-53.6	-27	26.58
HE20 Beam Forming, M0 to M11 2ss	2	3	-62.6	-61.7	0.26	-55.9	-27	28.86
HE20 STBC, M0 to M11 2ss	2	3	-62.6	-61.7	0.26	-55.9	-27	28.86

Data Screenshots – Antenna gain 3dBi Peak.

5240 MHz: Non HT20 Beam Forming, 6 to 54 Mbps

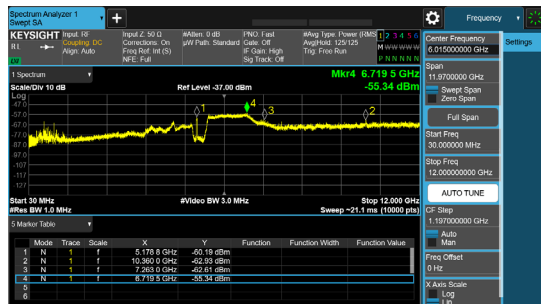


Antenna A

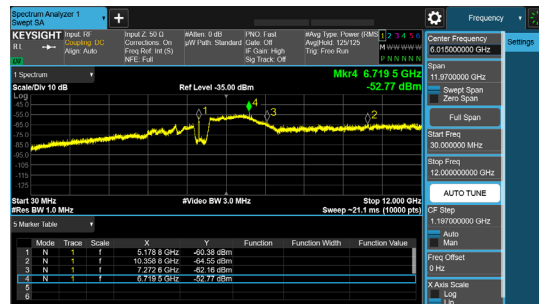


Antenna B

5180 MHz: HE20 Beam Forming, M0 to M11 1ss

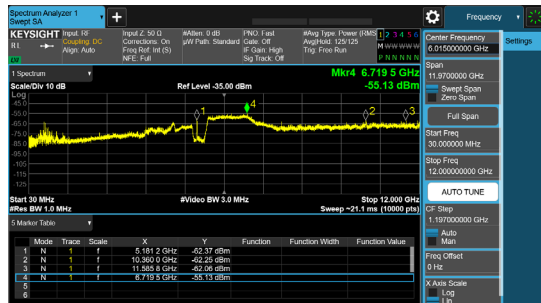


Antenna A

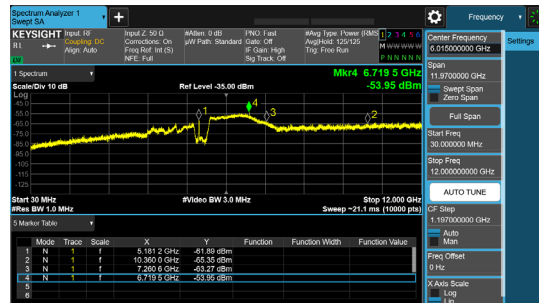


Antenna B

5180 MHz: Non HT20 Beam Forming, 6 to 54 Mbps



Antenna A



Antenna B

Conducted Spurious emissions Average – Antenna gain 8dBi.**Frequency 5180 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		0.36	-53.5	-41	12.29
Non HT20, 6 to 54 Mbps	2	8	-62.8	-61.4	0.36	-50.7	-41	9.43
Non HT20 Beam Forming, 6 to 54 Mbps	2	11	-63.4	-61.6	0.36	-48.0	-41	6.79
HT/VHT20, M0 to M7	1	8	-61.9		0.3	-53.6	-41	12.35
HT/VHT20, M0 to M7	2	8	-62.7	-61.4	0.3	-50.7	-41	9.44
HT/VHT20, M8 to M15	2	8	-62.7	-61.4	0.3	-50.7	-41	9.44
HT/VHT20 Beam Forming, M0 to M7	2	11	-63.2	-61.6	0.3	-48.0	-41	6.76
HT/VHT20 Beam Forming, M8 to M15	2	8	-62.7	-61.4	0.3	-50.7	-41	9.44
HT/VHT20 STBC, M8 to M15	2	8	-62.7	-61.4	0.3	-50.7	-41	9.44
HE20, M0 to M11 1ss	1	8	-63.2		0.26	-54.9	-41	13.69
HE20, M0 to M11 1ss	2	8	-62.8	-61.9	0.26	-51.1	-41	9.81
HE20, M0 to M11 2ss	2	8	-62.8	-61.9	0.26	-51.1	-41	9.81
HE20 Beam Forming, M0 to M11 1ss	2	11	-62.9	-61.8	0.26	-48.0	-41	6.8
HE20 Beam Forming, M0 to M11 2ss	2	8	-62.8	-61.9	0.26	-51.1	-41	9.81
HE20 STBC, M0 to M11 2ss	2	8	-62.8	-61.9	0.26	-51.1	-41	9.81

Frequency 5190 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	-62.7		0.31	-54.4	-41	13.14
Non HT40, 6 to 54 Mbps	2	8	-62.8	-60.8	0.31	-50.4	-41	9.12
HT/VHT40, M0 to M7	1	8	-60.2		0.27	-51.9	-41	10.68
HT/VHT40, M0 to M7	2	8	-60.6	-62.3	0.27	-50.1	-41	8.83
HT/VHT40, M8 to M15	2	8	-60.6	-62.3	0.27	-50.1	-41	8.83
HT/VHT40 Beam Forming, M0 to M7	2	11	-60.8	-61.9	0.27	-47.0	-41	5.78
HT/VHT40 Beam Forming, M8 to M15	2	8	-60.6	-62.3	0.27	-50.1	-41	8.83
HT/VHT40 STBC, M8 to M15	2	8	-60.6	-62.3	0.27	-50.1	-41	8.83
HE40, M0 to M11 1ss	1	8	-62.8		0.3	-54.5	-41	13.25
HE40, M0 to M11 1ss	2	8	-62.6	-61.4	0.3	-50.6	-41	9.4
HE40, M0 to M11 2ss	2	8	-62.6	-61.4	0.3	-50.6	-41	9.4
HE40 Beam Forming, M0 to M11 1ss	2	11	-62.8	-60.8	0.3	-47.4	-41	6.13
HE40 Beam Forming, M0 to M11 2ss	2	8	-62.6	-61.4	0.3	-50.6	-41	9.4
HE40 STBC, M0 to M11 2ss	2	8	-62.6	-61.4	0.3	-50.6	-41	9.4

Frequency 5210 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	-59.9		0.36	-51.5	-41	10.29
Non HT80, 6 to 54 Mbps	2	8	-60.0	-61.1	0.36	-49.1	-41	7.9
VHT80, M0 to M11 1ss	1	8	-61.1		0.3	-52.8	-41	11.55
VHT80, M0 to M11 1ss	2	8	-61.3	-61.2	0.3	-49.9	-41	8.69
VHT80, M0 to M11 2ss	2	8	-61.3	-61.2	0.3	-49.9	-41	8.69
VHT80 Beam Forming, M0 to M11 1ss	2	11	-61.1	-60.9	0.3	-46.7	-41	5.44
VHT80 Beam Forming, M0 to M11 2ss	2	8	-61.3	-61.2	0.3	-49.9	-41	8.69
VHT80 STBC, M0 to M11 2ss	2	8	-61.3	-61.2	0.3	-49.9	-41	8.69
HE80, M0 to M11 1ss	1	8	-60.8		0.31	-52.5	-41	11.24
HE80, M0 to M11 1ss	2	8	-60.5	-60.7	0.31	-49.3	-41	8.03
HE80, M0 to M11 2ss	2	8	-60.5	-60.7	0.31	-49.3	-41	8.03
HE80 Beam Forming, M0 to M11 1ss	2	11	-60.3	-60.9	0.31	-46.3	-41	5.02
HE80 Beam Forming, M0 to M11 2ss	2	8	-60.5	-60.7	0.31	-49.3	-41	8.03
HE80 STBC, M0 to M11 2ss	2	8	-60.5	-60.7	0.31	-49.3	-41	8.03

Frequency 5220 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	-61.4		0.36	-53.0	-41	11.79
Non HT20, 6 to 54 Mbps	2	8	-63.1	-61.7	0.36	-51.0	-41	9.73
Non HT20 Beam Forming, 6 to 54 Mbps	2	11	-63.2	-61.6	0.36	-48.0	-41	6.71
HT/VHT20, M0 to M7	1	8	-61.6		0.3	-53.3	-41	12.05
HT/VHT20, M0 to M7	2	8	-63.1	-61.6	0.3	-51.0	-41	9.72
HT/VHT20, M8 to M15	2	8	-63.1	-61.6	0.3	-51.0	-41	9.72
HT/VHT20 Beam Forming, M0 to M7	2	11	-62.7	-61.6	0.3	-47.8	-41	6.55
HT/VHT20 Beam Forming, M8 to M15	2	8	-63.1	-61.6	0.3	-51.0	-41	9.72
HT/VHT20 STBC, M8 to M15	2	8	-63.1	-61.6	0.3	-51.0	-41	9.72
HE20, M0 to M11 1ss	1	8	-61.5		0.26	-53.2	-41	11.99
HE20, M0 to M11 1ss	2	8	-62.8	-61.4	0.26	-50.8	-41	9.53
HE20, M0 to M11 2ss	2	8	-62.8	-61.4	0.26	-50.8	-41	9.53
HE20 Beam Forming, M0 to M11 1ss	2	11	-62.8	-61.4	0.26	-47.8	-41	6.53
HE20 Beam Forming, M0 to M11 2ss	2	8	-62.8	-61.4	0.26	-50.8	-41	9.53
HE20 STBC, M0 to M11 2ss	2	8	-62.8	-61.4	0.26	-50.8	-41	9.53

Frequency 5230 MHz

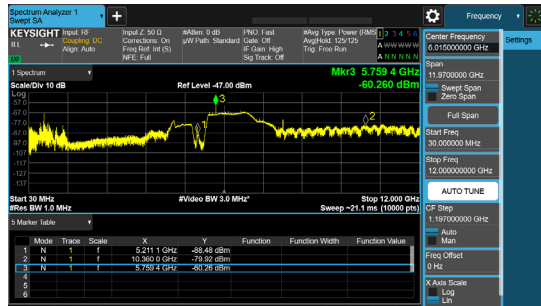
Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 Spur Power (dBm)	Tx 2 Spur Power (dBm)	Duty Cycle (dB)	Total Conducted Spur (dBm)	Limit (dB)	Margin (dB)
Non HT40, 6 to 54 Mbps	1	8	-60.0		0.31	-51.7	-41	10.44
Non HT40, 6 to 54 Mbps	2	8	-60.7	-61.0	0.31	-49.5	-41	8.28
HT/VHT40, M0 to M7	1	8	-59.5		0.27	-51.2	-41	9.98
HT/VHT40, M0 to M7	2	8	-62.5	-61.3	0.27	-50.6	-41	9.33
HT/VHT40, M8 to M15	2	8	-62.5	-61.3	0.27	-50.6	-41	9.33
HT/VHT40 Beam Forming, M0 to M7	2	11	-61.0	-61.6	0.27	-47.0	-41	5.76
HT/VHT40 Beam Forming, M8 to M15	2	8	-62.5	-61.3	0.27	-50.6	-41	9.33
HT/VHT40 STBC, M8 to M15	2	8	-62.5	-61.3	0.27	-50.6	-41	9.33
HE40, M0 to M11 1ss	1	8	-59.4		0.3	-51.1	-41	9.85
HE40, M0 to M11 1ss	2	8	-60.5	-61.9	0.3	-49.8	-41	8.59
HE40, M0 to M11 2ss	2	8	-60.5	-61.9	0.3	-49.8	-41	8.59
HE40 Beam Forming, M0 to M11 1ss	2	11	-61.0	-62.0	0.3	-47.2	-41	5.91
HE40 Beam Forming, M0 to M11 2ss	2	8	-60.5	-61.9	0.3	-49.8	-41	8.59
HE40 STBC, M0 to M11 2ss	2	8	-60.5	-61.9	0.3	-49.8	-41	8.59

Frequency 5240 MHz

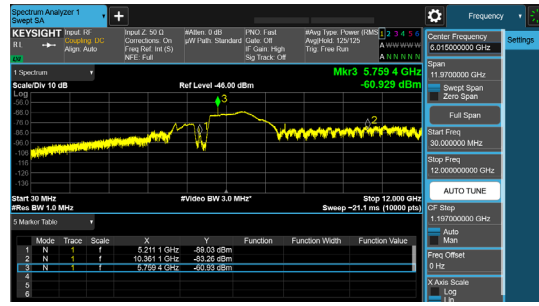
Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 Spur Power (dBm)	Tx 2 Spur Power (dBm)	Duty Cycle (dB)	Total Conducted Spur (dBm)	Limit (dB)	Margin (dB)
Non HT20, 6 to 54 Mbps	1	8	-60.2		0.36	-51.8	-41	10.59
Non HT20, 6 to 54 Mbps	2	8	-61.0	-62.5	0.36	-50.3	-41	9.07
Non HT20 Beam Forming, 6 to 54 Mbps	2	11	-61.3	-62.5	0.36	-47.5	-41	6.24
HT/VHT20, M0 to M7	1	8	-59.9		0.3	-51.6	-41	10.35
HT/VHT20, M0 to M7	2	8	-61.1	-62.6	0.3	-50.5	-41	9.22
HT/VHT20, M8 to M15	2	8	-61.1	-62.6	0.3	-50.5	-41	9.22
HT/VHT20 Beam Forming, M0 to M7	2	11	-61.0	-62.5	0.3	-47.4	-41	6.12
HT/VHT20 Beam Forming, M8 to M15	2	8	-61.1	-62.6	0.3	-50.5	-41	9.22
HT/VHT20 STBC, M8 to M15	2	8	-61.1	-62.6	0.3	-50.5	-41	9.22
HE20, M0 to M11 1ss	1	8	-60.0		0.26	-51.7	-41	10.49
HE20, M0 to M11 1ss	2	8	-61.0	-62.6	0.26	-50.5	-41	9.21
HE20, M0 to M11 2ss	2	8	-61.0	-62.6	0.26	-50.5	-41	9.21
HE20 Beam Forming, M0 to M11 1ss	2	11	-60.8	-62.7	0.26	-47.4	-41	6.13
HE20 Beam Forming, M0 to M11 2ss	2	8	-61.0	-62.6	0.26	-50.5	-41	9.21
HE20 STBC, M0 to M11 2ss	2	8	-61.0	-62.6	0.26	-50.5	-41	9.21

Data Screenshots – Antenna gain 8dBi average.

5210 MHz: HE80 Beam Forming, M0 to M11 1ss.

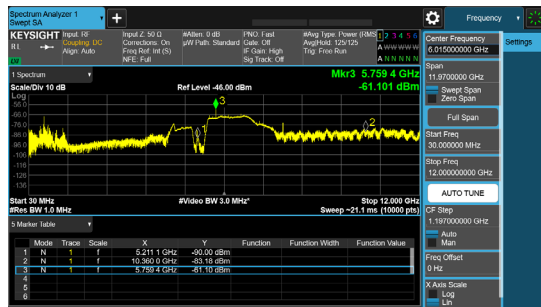


Antenna A

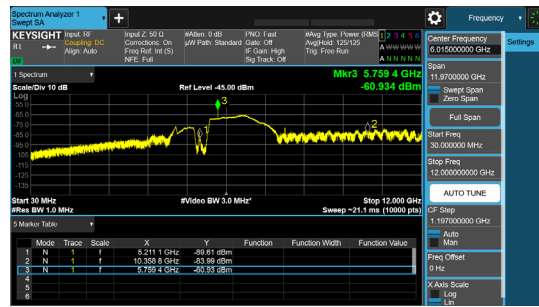


Antenna B

5210 MHz: VHT80 Beam Forming, M0 to M11 1ss

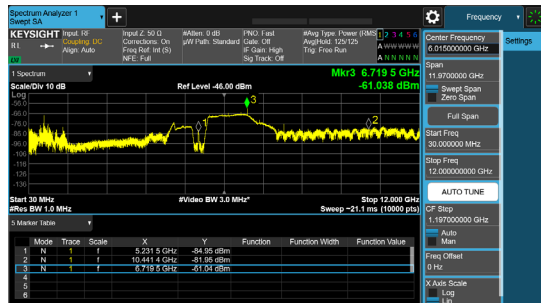


Antenna A

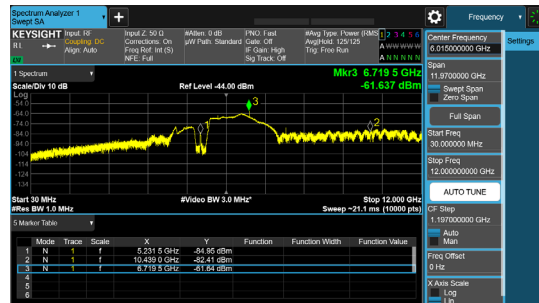


Antenna B

5230 MHz: HT/VHT40 Beam Forming, M0 to M7



Antenna A



Antenna B

Conducted Spurs Peak – Antenna gain 8dBi.**Frequency 5180 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	-63.3		0.36	-54.9	-27	27.94
Non HT20, 6 to 54 Mbps	2	8	-62.1	-63.3	0.36	-51.3	-27	24.29
Non HT20 Beam Forming, 6 to 54 Mbps	2	11	-62.9	-62.6	0.36	-48.4	-27	21.38
HT/VHT20, M0 to M7	1	8	-63.0		0.3	-54.7	-27	27.7
HT/VHT20, M0 to M7	2	8	-63.8	-63.4	0.3	-52.3	-27	25.28
HT/VHT20, M8 to M15	2	8	-63.8	-63.4	0.3	-52.3	-27	25.28
HT/VHT20 Beam Forming, M0 to M7	2	11	-63.6	-63.6	0.3	-49.3	-27	22.29
HT/VHT20 Beam Forming, M8 to M15	2	8	-63.8	-63.4	0.3	-52.3	-27	25.28
HT/VHT20 STBC, M8 to M15	2	8	-63.8	-63.4	0.3	-52.3	-27	25.28
HE20, M0 to M11 1ss	1	8	-62.5		0.26	-54.2	-27	27.24
HE20, M0 to M11 1ss	2	8	-62.6	-62.2	0.26	-51.1	-27	24.13
HE20, M0 to M11 2ss	2	8	-62.6	-62.2	0.26	-51.1	-27	24.13
HE20 Beam Forming, M0 to M11 1ss	2	11	-62.5	-63.8	0.26	-48.8	-27	21.84
HE20 Beam Forming, M0 to M11 2ss	2	8	-62.6	-62.2	0.26	-51.1	-27	24.13
HE20 STBC, M0 to M11 2ss	2	8	-62.6	-62.2	0.26	-51.1	-27	24.13

Frequency 5190 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	-63.3		0.31	-55.0	-27	27.99
Non HT40, 6 to 54 Mbps	2	8	-62.7	-63.2	0.31	-51.6	-27	24.62
HT/VHT40, M0 to M7	1	8	-63.5		0.27	-55.2	-27	28.23
HT/VHT40, M0 to M7	2	8	-63.1	-62.6	0.27	-51.6	-27	24.56
HT/VHT40, M8 to M15	2	8	-63.1	-62.6	0.27	-51.6	-27	24.56
HT/VHT40 Beam Forming, M0 to M7	2	11	-63.2	-63.3	0.27	-49.0	-27	21.97
HT/VHT40 Beam Forming, M8 to M15	2	8	-63.1	-62.6	0.27	-51.6	-27	24.56
HT/VHT40 STBC, M8 to M15	2	8	-63.1	-62.6	0.27	-51.6	-27	24.56
HE40, M0 to M11 1ss	1	8	-63.5		0.3	-55.2	-27	28.2
HE40, M0 to M11 1ss	2	8	-63.7	-63.7	0.3	-52.4	-27	25.39
HE40, M0 to M11 2ss	2	8	-63.7	-63.7	0.3	-52.4	-27	25.39
HE40 Beam Forming, M0 to M11 1ss	2	11	-63.8	-62.7	0.3	-48.9	-27	21.91
HE40 Beam Forming, M0 to M11 2ss	2	8	-63.7	-63.7	0.3	-52.4	-27	25.39
HE40 STBC, M0 to M11 2ss	2	8	-63.7	-63.7	0.3	-52.4	-27	25.39

Frequency 5210 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	-63.2		0.36	-54.8	-27	27.84
Non HT80, 6 to 54 Mbps	2	8	-63.9	-63.1	0.36	-52.1	-27	25.11
VHT80, M0 to M11 1ss	1	8	-63.1		0.3	-54.8	-27	27.8
VHT80, M0 to M11 1ss	2	8	-62.8	-63.1	0.3	-51.6	-27	24.64
VHT80, M0 to M11 2ss	2	8	-62.8	-63.1	0.3	-51.6	-27	24.64
VHT80 Beam Forming, M0 to M11 1ss	2	11	-63.6	-63.7	0.3	-49.3	-27	22.34
VHT80 Beam Forming, M0 to M11 2ss	2	8	-62.8	-63.1	0.3	-51.6	-27	24.64
VHT80 STBC, M0 to M11 2ss	2	8	-62.8	-63.1	0.3	-51.6	-27	24.64
HE80, M0 to M11 1ss	1	8	-63.3		0.31	-55.0	-27	27.99
HE80, M0 to M11 1ss	2	8	-63.4	-63.0	0.31	-51.9	-27	24.88
HE80, M0 to M11 2ss	2	8	-63.4	-63.0	0.31	-51.9	-27	24.88
HE80 Beam Forming, M0 to M11 1ss	2	11	-63.6	-63.5	0.31	-49.2	-27	22.23
HE80 Beam Forming, M0 to M11 2ss	2	8	-63.4	-63.0	0.31	-51.9	-27	24.88
HE80 STBC, M0 to M11 2ss	2	8	-63.4	-63.0	0.31	-51.9	-27	24.88

Frequency 5220 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	-62.5		0.36	-54.1	-27	27.14
Non HT20, 6 to 54 Mbps	2	8	-63.0	-63.2	0.36	-51.7	-27	24.73
Non HT20 Beam Forming, 6 to 54 Mbps	2	11	-63.8	-63.0	0.36	-49.0	-27	22.01
HT/VHT20, M0 to M7	1	8	-63.1		0.3	-54.8	-27	27.8
HT/VHT20, M0 to M7	2	8	-62.9	-63.2	0.3	-51.7	-27	24.73
HT/VHT20, M8 to M15	2	8	-62.9	-63.2	0.3	-51.7	-27	24.73
HT/VHT20 Beam Forming, M0 to M7	2	11	-62.9	-63.2	0.3	-48.7	-27	21.73
HT/VHT20 Beam Forming, M8 to M15	2	8	-62.9	-63.2	0.3	-51.7	-27	24.73
HT/VHT20 STBC, M8 to M15	2	8	-62.9	-63.2	0.3	-51.7	-27	24.73
HE20, M0 to M11 1ss	1	8	-62.9		0.26	-54.6	-27	27.64
HE20, M0 to M11 1ss	2	8	-62.7	-63.1	0.26	-51.6	-27	24.63
HE20, M0 to M11 2ss	2	8	-62.7	-63.1	0.26	-51.6	-27	24.63
HE20 Beam Forming, M0 to M11 1ss	2	11	-63.4	-63.3	0.26	-49.1	-27	22.08
HE20 Beam Forming, M0 to M11 2ss	2	8	-62.7	-63.1	0.26	-51.6	-27	24.63
HE20 STBC, M0 to M11 2ss	2	8	-62.7	-63.1	0.26	-51.6	-27	24.63

Frequency 5230 MHz

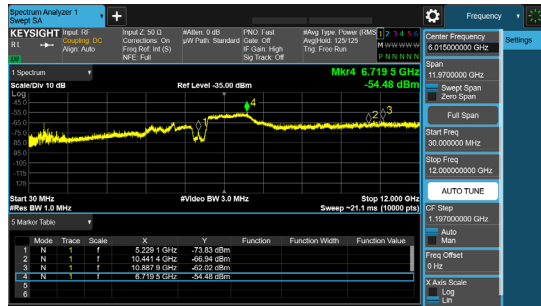
Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 Spur Power (dBm)	Tx 2 Spur Power (dBm)	Duty Cycle (dB)	Total Conducted Spur (dBm)	Limit (dB)	Margin (dB)
Non HT40, 6 to 54 Mbps	1	8	-62.7		0.31	-54.4	-27	27.39
Non HT40, 6 to 54 Mbps	2	8	-62.7	-62.3	0.31	-51.2	-27	24.18
HT/VHT40, M0 to M7	1	8	-62.9		0.27	-54.6	-27	27.63
HT/VHT40, M0 to M7	2	8	-63.5	-62.4	0.27	-51.6	-27	24.63
HT/VHT40, M8 to M15	2	8	-63.5	-62.4	0.27	-51.6	-27	24.63
HT/VHT40 Beam Forming, M0 to M7	2	11	-62.4	-62.6	0.27	-48.2	-27	21.22
HT/VHT40 Beam Forming, M8 to M15	2	8	-63.5	-62.4	0.27	-51.6	-27	24.63
HT/VHT40 STBC, M8 to M15	2	8	-63.5	-62.4	0.27	-51.6	-27	24.63
HE40, M0 to M11 1ss	1	8	-63.0		0.3	-54.7	-27	27.7
HE40, M0 to M11 1ss	2	8	-63.5	-62.5	0.3	-51.7	-27	24.66
HE40, M0 to M11 2ss	2	8	-63.5	-62.5	0.3	-51.7	-27	24.66
HE40 Beam Forming, M0 to M11 1ss	2	11	-62.0	-62.2	0.3	-47.8	-27	20.79
HE40 Beam Forming, M0 to M11 2ss	2	8	-63.5	-62.5	0.3	-51.7	-27	24.66
HE40 STBC, M0 to M11 2ss	2	8	-63.5	-62.5	0.3	-51.7	-27	24.66

Frequency 5240 MHz

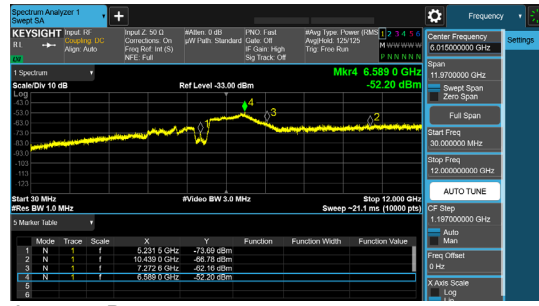
Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 Spur Power (dBm)	Tx 2 Spur Power (dBm)	Duty Cycle (dB)	Total Conducted Spur (dBm)	Limit (dB)	Margin (dB)
Non HT20, 6 to 54 Mbps	1	8	-62.7		0.36	-54.3	-27	27.34
Non HT20, 6 to 54 Mbps	2	8	-61.8	-62.9	0.36	-50.9	-27	23.95
Non HT20 Beam Forming, 6 to 54 Mbps	2	11	-63.1	-62.4	0.36	-48.4	-27	21.37
HT/VHT20, M0 to M7	1	8	-62.7		0.3	-54.4	-27	27.4
HT/VHT20, M0 to M7	2	8	-62.8	-63.4	0.3	-51.8	-27	24.78
HT/VHT20, M8 to M15	2	8	-62.8	-63.4	0.3	-51.8	-27	24.78
HT/VHT20 Beam Forming, M0 to M7	2	11	-62.5	-62.9	0.3	-48.4	-27	21.38
HT/VHT20 Beam Forming, M8 to M15	2	8	-62.8	-63.4	0.3	-51.8	-27	24.78
HT/VHT20 STBC, M8 to M15	2	8	-62.8	-63.4	0.3	-51.8	-27	24.78
HE20, M0 to M11 1ss	1	8	-62.6		0.26	-54.3	-27	27.34
HE20, M0 to M11 1ss	2	8	-62.7	-63.0	0.26	-51.6	-27	24.58
HE20, M0 to M11 2ss	2	8	-62.7	-63.0	0.26	-51.6	-27	24.58
HE20 Beam Forming, M0 to M11 1ss	2	11	-63.0	-63.0	0.26	-48.7	-27	21.73
HE20 Beam Forming, M0 to M11 2ss	2	8	-62.7	-63.0	0.26	-51.6	-27	24.58
HE20 STBC, M0 to M11 2ss	2	8	-62.7	-63.0	0.26	-51.6	-27	24.58

Data Screenshots – Antenna gain 8dBi average.

5230 MHz: HE40 Beam Forming, M0 to M11 1ss

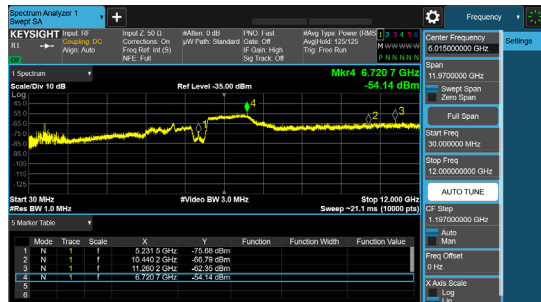


Antenna A

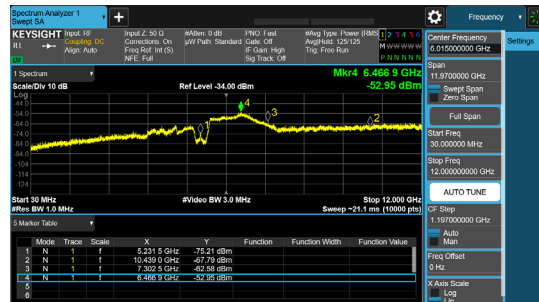


Antenna B

5230 MHz: HT/VHT40 Beam Forming, M0 to M7

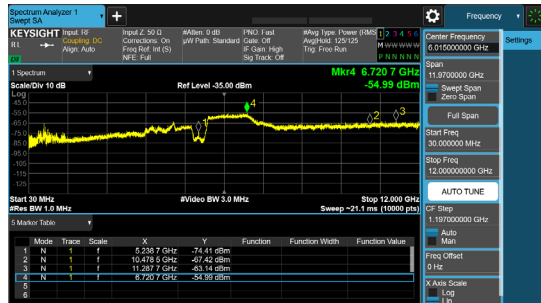


Antenna A

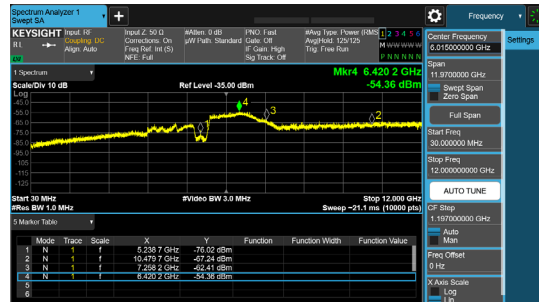


Antenna B

5240 MHz: Non HT20 Beam Forming, 6 to 54 Mbps



Antenna A



Antenna B

Conducted Spurious emissions Average – Antenna gain 15dBi.**Frequency 5180 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	-62.8		0.36	-47.4	-41	6.19
Non HT20, 6 to 54 Mbps	2	15	-63.4	-61.6	0.36	-44.0	-41	2.79
Non HT20 Beam Forming, 6 to 54 Mbps	2	15	-63.4	-61.6	0.36	-44.0	-41	2.79
HT/VHT20, M0 to M7	1	15	-62.7		0.3	-47.4	-41	6.15
HT/VHT20, M0 to M7	2	15	-63.2	-61.4	0.3	-43.9	-41	2.64
HT/VHT20, M8 to M15	2	15	-63.2	-61.4	0.3	-43.9	-41	2.64
HT/VHT20 Beam Forming, M0 to M7	2	15	-63.2	-61.4	0.3	-43.9	-41	2.64
HT/VHT20 Beam Forming, M8 to M15	2	15	-63.2	-61.4	0.3	-43.9	-41	2.64
HT/VHT20 STBC, M8 to M15	2	15	-63.2	-61.4	0.3	-43.9	-41	2.64
HE20, M0 to M11 1ss	1	15	-63.1		0.26	-47.8	-41	6.59
HE20, M0 to M11 1ss	2	15	-62.7	-61.6	0.26	-43.8	-41	2.6
HE20, M0 to M11 2ss	2	15	-62.7	-61.6	0.26	-43.8	-41	2.6
HE20 Beam Forming, M0 to M11 1ss	2	15	-62.7	-61.6	0.26	-43.8	-41	2.6
HE20 Beam Forming, M0 to M11 2ss	2	15	-62.7	-61.6	0.26	-43.8	-41	2.6
HE20 STBC, M0 to M11 2ss	2	15	-62.7	-61.6	0.26	-43.8	-41	2.6

Frequency 5190 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	-67.7		0.31	-52.4	-41	11.14
Non HT40, 6 to 54 Mbps	2	15	-67.7	-67.2	0.31	-49.1	-41	7.87
HT/VHT40, M0 to M7	1	15	-60.8		0.27	-45.5	-41	4.28
HT/VHT40, M0 to M7	2	15	-60.5	-62.5	0.27	-43.1	-41	1.85
HT/VHT40, M8 to M15	2	15	-60.5	-62.5	0.27	-43.1	-41	1.85
HT/VHT40 Beam Forming, M0 to M7	2	15	-60.5	-62.5	0.27	-43.1	-41	1.85
HT/VHT40 Beam Forming, M8 to M15	2	15	-60.5	-62.5	0.27	-43.1	-41	1.85
HT/VHT40 STBC, M8 to M15	2	15	-60.5	-62.5	0.27	-43.1	-41	1.85
HE40, M0 to M11 1ss	1	15	-62.8		0.3	-47.5	-41	6.25
HE40, M0 to M11 1ss	2	15	-62.8	-61.2	0.3	-43.6	-41	2.37
HE40, M0 to M11 2ss	2	15	-62.8	-61.2	0.3	-43.6	-41	2.37
HE40 Beam Forming, M0 to M11 1ss	2	15	-62.8	-61.2	0.3	-43.6	-41	2.37
HE40 Beam Forming, M0 to M11 2ss	2	15	-62.8	-61.2	0.3	-43.6	-41	2.37
HE40 STBC, M0 to M11 2ss	2	15	-62.8	-61.2	0.3	-43.6	-41	2.37

Frequency 5210 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	-60.2		0.36	-44.8	-41	3.59
Non HT80, 6 to 54 Mbps	2	15	-66.4	-68.6	0.36	-49.0	-41	7.74
VHT80, M0 to M11 1ss	1	15	-61.1		0.3	-45.8	-41	4.55
VHT80, M0 to M11 1ss	2	15	-67.3	-68.9	0.3	-49.7	-41	8.46
VHT80, M0 to M11 2ss	2	15	-67.3	-68.9	0.3	-49.7	-41	8.46
VHT80 Beam Forming, M0 to M11 1ss	2	15	-67.3	-68.9	0.3	-49.7	-41	8.46
VHT80 Beam Forming, M0 to M11 2ss	2	15	-67.3	-68.9	0.3	-49.7	-41	8.46
VHT80 STBC, M0 to M11 2ss	2	15	-67.3	-68.9	0.3	-49.7	-41	8.46
HE80, M0 to M11 1ss	1	15	-60.3		0.31	-45.0	-41	3.74
HE80, M0 to M11 1ss	2	15	-67.7	-68.7	0.31	-49.9	-41	8.6
HE80, M0 to M11 2ss	2	15	-67.7	-68.7	0.31	-49.9	-41	8.6
HE80 Beam Forming, M0 to M11 1ss	2	15	-67.7	-68.7	0.31	-49.9	-41	8.6
HE80 Beam Forming, M0 to M11 2ss	2	15	-67.7	-68.7	0.31	-49.9	-41	8.6
HE80 STBC, M0 to M11 2ss	2	15	-67.7	-68.7	0.31	-49.9	-41	8.6

Frequency 5220 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	-61.4		0.36	-46.0	-41	4.79
Non HT20, 6 to 54 Mbps	2	15	-63.1	-61.7	0.36	-44.0	-41	2.73
Non HT20 Beam Forming, 6 to 54 Mbps	2	15	-63.1	-61.7	0.36	-44.0	-41	2.73
HT/VHT20, M0 to M7	1	15	-61.6		0.3	-46.3	-41	5.05
HT/VHT20, M0 to M7	2	15	-63.1	-61.6	0.3	-44.0	-41	2.72
HT/VHT20, M8 to M15	2	15	-63.1	-61.6	0.3	-44.0	-41	2.72
HT/VHT20 Beam Forming, M0 to M7	2	15	-63.1	-61.6	0.3	-44.0	-41	2.72
HT/VHT20 Beam Forming, M8 to M15	2	15	-63.1	-61.6	0.3	-44.0	-41	2.72
HT/VHT20 STBC, M8 to M15	2	15	-63.1	-61.6	0.3	-44.0	-41	2.72
HE20, M0 to M11 1ss	1	15	-61.5		0.26	-46.2	-41	4.99
HE20, M0 to M11 1ss	2	15	-62.8	-61.4	0.26	-43.8	-41	2.53
HE20, M0 to M11 2ss	2	15	-62.8	-61.4	0.26	-43.8	-41	2.53
HE20 Beam Forming, M0 to M11 1ss	2	15	-62.8	-61.4	0.26	-43.8	-41	2.53
HE20 Beam Forming, M0 to M11 2ss	2	15	-62.8	-61.4	0.26	-43.8	-41	2.53
HE20 STBC, M0 to M11 2ss	2	15	-62.8	-61.4	0.26	-43.8	-41	2.53

Frequency 5230 MHz

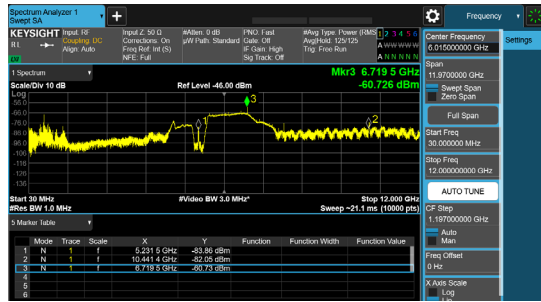
Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 Spur Power (dBm)	Tx 2 Spur Power (dBm)	Duty Cycle (dB)	Total Conducted Spur (dBm)	Limit (dB)	Margin (dB)
Non HT40, 6 to 54 Mbps	1	15	-60.0		0.31	-44.7	-41	3.44
Non HT40, 6 to 54 Mbps	2	15	-60.7	-61.0	0.31	-42.5	-41	1.28
HT/VHT40, M0 to M7	1	15	-59.5		0.27	-44.2	-41	2.98
HT/VHT40, M0 to M7	2	15	-62.5	-61.3	0.27	-43.6	-41	2.33
HT/VHT40, M8 to M15	2	15	-62.5	-61.3	0.27	-43.6	-41	2.33
HT/VHT40 Beam Forming, M0 to M7	2	15	-62.5	-61.3	0.27	-43.6	-41	2.33
HT/VHT40 Beam Forming, M8 to M15	2	15	-62.5	-61.3	0.27	-43.6	-41	2.33
HT/VHT40 STBC, M8 to M15	2	15	-62.5	-61.3	0.27	-43.6	-41	2.33
HE40, M0 to M11 1ss	1	15	-59.4		0.3	-44.1	-41	2.85
HE40, M0 to M11 1ss	2	15	-60.5	-61.9	0.3	-42.8	-41	1.59
HE40, M0 to M11 2ss	2	15	-60.5	-61.9	0.3	-42.8	-41	1.59
HE40 Beam Forming, M0 to M11 1ss	2	15	-60.5	-61.9	0.3	-42.8	-41	1.59
HE40 Beam Forming, M0 to M11 2ss	2	15	-60.5	-61.9	0.3	-42.8	-41	1.59
HE40 STBC, M0 to M11 2ss	2	15	-60.5	-61.9	0.3	-42.8	-41	1.59

Frequency 5240 MHz

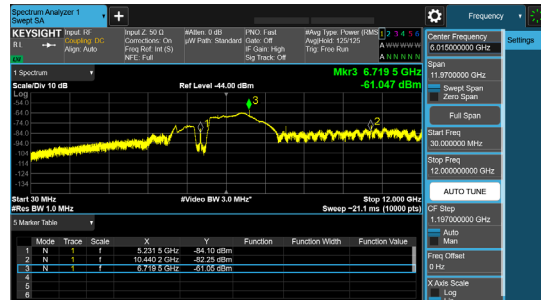
Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 Spur Power (dBm)	Tx 2 Spur Power (dBm)	Duty Cycle (dB)	Total Conducted Spur (dBm)	Limit (dB)	Margin (dB)
Non HT20, 6 to 54 Mbps	1	15	-60.2		0.36	-44.8	-41	3.59
Non HT20, 6 to 54 Mbps	2	15	-61.0	-62.5	0.36	-43.3	-41	2.07
Non HT20 Beam Forming, 6 to 54 Mbps	2	15	-61.0	-62.5	0.36	-43.3	-41	2.07
HT/VHT20, M0 to M7	1	15	-59.9		0.3	-44.6	-41	3.35
HT/VHT20, M0 to M7	2	15	-61.1	-62.6	0.3	-43.5	-41	2.22
HT/VHT20, M8 to M15	2	15	-61.1	-62.6	0.3	-43.5	-41	2.22
HT/VHT20 Beam Forming, M0 to M7	2	15	-61.1	-62.6	0.3	-43.5	-41	2.22
HT/VHT20 Beam Forming, M8 to M15	2	15	-61.1	-62.6	0.3	-43.5	-41	2.22
HT/VHT20 STBC, M8 to M15	2	15	-61.1	-62.6	0.3	-43.5	-41	2.22
HE20, M0 to M11 1ss	1	15	-60.0		0.26	-44.7	-41	3.49
HE20, M0 to M11 1ss	2	15	-61.0	-62.6	0.26	-43.5	-41	2.21
HE20, M0 to M11 2ss	2	15	-61.0	-62.6	0.26	-43.5	-41	2.21
HE20 Beam Forming, M0 to M11 1ss	2	15	-61.0	-62.6	0.26	-43.5	-41	2.21
HE20 Beam Forming, M0 to M11 2ss	2	15	-61.0	-62.6	0.26	-43.5	-41	2.21
HE20 STBC, M0 to M11 2ss	2	15	-61.0	-62.6	0.26	-43.5	-41	2.21

Data Screenshots – Antenna gain 15dBi average.

5230 MHz: Non HT40, 6 to 54 Mbps

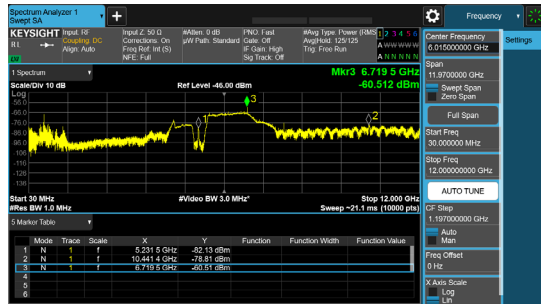


Antenna A



Antenna B

5230 MHz: HE40, M0 to M11 1ss

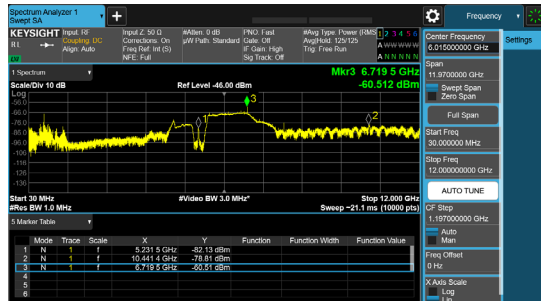


Antenna A

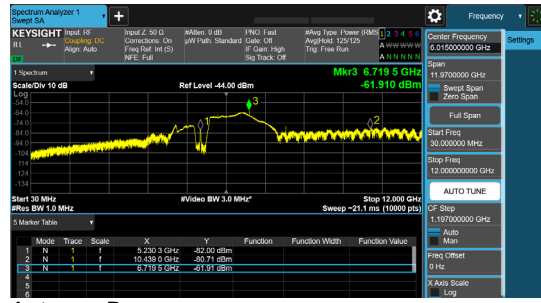


Antenna B

5230 MHz: HE40, M0 to M11 2ss



Antenna A



Antenna B

Conducted Spurious emissions Peak – Antenna gain 15dBi.**Frequency 5180 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	-62.1		0.36	-46.7	-27	19.74
Non HT20, 6 to 54 Mbps	2	15	-62.9	-62.6	0.36	-44.4	-27	17.38
Non HT20 Beam Forming, 6 to 54 Mbps	2	15	-62.9	-62.6	0.36	-44.4	-27	17.38
HT/VHT20, M0 to M7	1	15	-63.8		0.3	-48.5	-27	21.5
HT/VHT20, M0 to M7	2	15	-63.2	-62.9	0.3	-44.7	-27	17.73
HT/VHT20, M8 to M15	2	15	-63.2	-62.9	0.3	-44.7	-27	17.73
HT/VHT20 Beam Forming, M0 to M7	2	15	-63.2	-62.9	0.3	-44.7	-27	17.73
HT/VHT20 Beam Forming, M8 to M15	2	15	-63.2	-62.9	0.3	-44.7	-27	17.73
HT/VHT20 STBC, M8 to M15	2	15	-63.2	-62.9	0.3	-44.7	-27	17.73
HE20, M0 to M11 1ss	1	15	-63.2		0.26	-47.9	-27	20.94
HE20, M0 to M11 1ss	2	15	-62.6	-63.3	0.26	-44.7	-27	17.67
HE20, M0 to M11 2ss	2	15	-62.6	-63.3	0.26	-44.7	-27	17.67
HE20 Beam Forming, M0 to M11 1ss	2	15	-62.6	-63.3	0.26	-44.7	-27	17.67
HE20 Beam Forming, M0 to M11 2ss	2	15	-62.6	-63.3	0.26	-44.7	-27	17.67
HE20 STBC, M0 to M11 2ss	2	15	-62.6	-63.3	0.26	-44.7	-27	17.67

Frequency 5190 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	-63.6		0.31	-48.3	-27	21.29
Non HT40, 6 to 54 Mbps	2	15	-63.6	-62.9	0.31	-44.9	-27	17.92
HT/VHT40, M0 to M7	1	15	-63.2		0.27	-47.9	-27	20.93
HT/VHT40, M0 to M7	2	15	-63.7	-62.4	0.27	-44.7	-27	17.72
HT/VHT40, M8 to M15	2	15	-63.7	-62.4	0.27	-44.7	-27	17.72
HT/VHT40 Beam Forming, M0 to M7	2	15	-63.7	-62.4	0.27	-44.7	-27	17.72
HT/VHT40 Beam Forming, M8 to M15	2	15	-63.7	-62.4	0.27	-44.7	-27	17.72
HT/VHT40 STBC, M8 to M15	2	15	-63.7	-62.4	0.27	-44.7	-27	17.72
HE40, M0 to M11 1ss	1	15	-63.8		0.3	-48.5	-27	21.5
HE40, M0 to M11 1ss	2	15	-62.6	-63.4	0.3	-44.7	-27	17.67
HE40, M0 to M11 2ss	2	15	-62.6	-63.4	0.3	-44.7	-27	17.67
HE40 Beam Forming, M0 to M11 1ss	2	15	-62.6	-63.4	0.3	-44.7	-27	17.67
HE40 Beam Forming, M0 to M11 2ss	2	15	-62.6	-63.4	0.3	-44.7	-27	17.67
HE40 STBC, M0 to M11 2ss	2	15	-62.6	-63.4	0.3	-44.7	-27	17.67

Frequency 5210 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	-62.8		0.36	-47.4	-27	20.44
Non HT80, 6 to 54 Mbps	2	15	-62.7	-62.8	0.36	-44.4	-27	17.38
VHT80, M0 to M11 1ss	1	15	-63.6		0.3	-48.3	-27	21.3
VHT80, M0 to M11 1ss	2	15	-64.3	-63.4	0.3	-45.5	-27	18.51
VHT80, M0 to M11 2ss	2	15	-64.3	-63.4	0.3	-45.5	-27	18.51
VHT80 Beam Forming, M0 to M11 1ss	2	15	-64.3	-63.4	0.3	-45.5	-27	18.51
VHT80 Beam Forming, M0 to M11 2ss	2	15	-64.3	-63.4	0.3	-45.5	-27	18.51
VHT80 STBC, M0 to M11 2ss	2	15	-64.3	-63.4	0.3	-45.5	-27	18.51
HE80, M0 to M11 1ss	1	15	-63.6		0.31	-48.3	-27	21.29
HE80, M0 to M11 1ss	2	15	-63.0	-63.2	0.31	-44.8	-27	17.78
HE80, M0 to M11 2ss	2	15	-63.0	-63.2	0.31	-44.8	-27	17.78
HE80 Beam Forming, M0 to M11 1ss	2	15	-63.0	-63.2	0.31	-44.8	-27	17.78
HE80 Beam Forming, M0 to M11 2ss	2	15	-63.0	-63.2	0.31	-44.8	-27	17.78
HE80 STBC, M0 to M11 2ss	2	15	-63.0	-63.2	0.31	-44.8	-27	17.78

Frequency 5220 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	-62.5		0.36	-47.1	-27	20.14
Non HT20, 6 to 54 Mbps	2	15	-63.0	-63.2	0.36	-44.7	-27	17.73
Non HT20 Beam Forming, 6 to 54 Mbps	2	15	-63.0	-63.2	0.36	-44.7	-27	17.73
HT/VHT20, M0 to M7	1	15	-63.1		0.3	-47.8	-27	20.8
HT/VHT20, M0 to M7	2	15	-62.9	-63.2	0.3	-44.7	-27	17.73
HT/VHT20, M8 to M15	2	15	-62.9	-63.2	0.3	-44.7	-27	17.73
HT/VHT20 Beam Forming, M0 to M7	2	15	-62.9	-63.2	0.3	-44.7	-27	17.73
HT/VHT20 Beam Forming, M8 to M15	2	15	-62.9	-63.2	0.3	-44.7	-27	17.73
HT/VHT20 STBC, M8 to M15	2	15	-62.9	-63.2	0.3	-44.7	-27	17.73
HE20, M0 to M11 1ss	1	15	-62.9		0.26	-47.6	-27	20.64
HE20, M0 to M11 1ss	2	15	-62.7	-63.1	0.26	-44.6	-27	17.63
HE20, M0 to M11 2ss	2	15	-62.7	-63.1	0.26	-44.6	-27	17.63
HE20 Beam Forming, M0 to M11 1ss	2	15	-62.7	-63.1	0.26	-44.6	-27	17.63
HE20 Beam Forming, M0 to M11 2ss	2	15	-62.7	-63.1	0.26	-44.6	-27	17.63
HE20 STBC, M0 to M11 2ss	2	15	-62.7	-63.1	0.26	-44.6	-27	17.63

Frequency 5230 MHz