

Conducted Band edge Average. – Antenna gain 7dBi.**Frequency 5180 MHz**

Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 Band edge Level (dBm)	Tx 2 Band edge Level (dBm)	Duty Cycle (dB)	Total Tx Band edge Level (dBm)	Limit (dB)	Margin (dB)
Non HT20, 6 to 54 Mbps	1	7	-51.6		0.26	-44.3	-41	3.09
Non HT20, 6 to 54 Mbps	2	7	-51.6	-52.9	0.26	-41.9	-41	0.69
Non HT20 Beam Forming, 6 to 54 Mbps	2	10	-56.2	-55.9	0.26	-42.8	-41	1.53
HT/VHT20, M0 to M7	1	7	-53.7		0.36	-46.3	-41	5.09
HT/VHT20, M0 to M7	2	7	-53.7	-54.5	0.36	-43.7	-41	2.46
HT/VHT20, M8 to M15	2	7	-53.7	-54.5	0.36	-43.7	-41	2.46
HT/VHT20 Beam Forming, M0 to M7	2	10	-56.5	-56.3	0.36	-43.0	-41	1.78
HT/VHT20 Beam Forming, M8 to M15	2	7	-53.7	-54.5	0.36	-43.7	-41	2.46
HT/VHT20 STBC, M8 to M15	2	7	-53.7	-54.5	0.36	-43.7	-41	2.46
HE20, M0 to M11 1ss	1	7	-54.9		0.28	-47.6	-41	6.37
HE20, M0 to M11 1ss	2	7	-54.9	-54.9	0.28	-44.6	-41	3.36
HE20, M0 to M11 2ss	2	7	-54.9	-54.9	0.28	-44.6	-41	3.36
HE20 Beam Forming, M0 to M11 1ss	2	10	-54.9	-54.9	0.28	-41.6	-41	0.36
HE20 Beam Forming, M0 to M11 2ss	2	7	-54.9	-54.9	0.28	-44.6	-41	3.36
HE20 STBC, M0 to M11 2ss	2	7	-54.9	-54.9	0.28	-44.6	-41	3.36

Frequency 5190 MHz

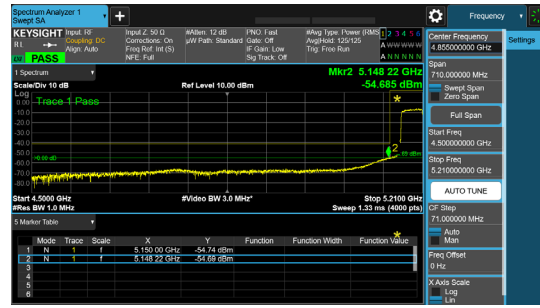
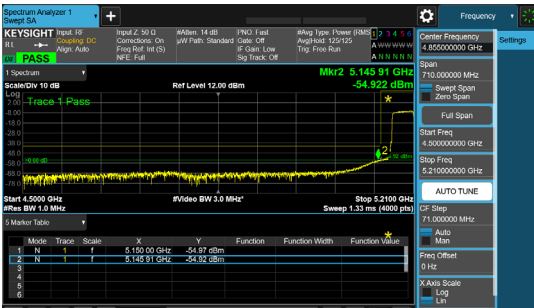
Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 Band edge Level (dBm)	Tx 2 Band edge Level (dBm)	Duty Cycle (dB)	Total Tx Band edge Level (dBm)	Limit (dB)	Margin (dB)
Non HT40, 6 to 54 Mbps	1	7	-52.5		0.17	-45.3	-41	4.08
Non HT40, 6 to 54 Mbps	2	7	-52.5	-53.3	0.17	-42.7	-41	1.45
HT/VHT40, M0 to M7	1	7	-49.2		0.3	-41.9	-41	0.65
HT/VHT40, M0 to M7	2	7	-52.2	-52.2	0.3	-41.9	-41	0.64
HT/VHT40, M8 to M15	2	7	-52.2	-52.2	0.3	-41.9	-41	0.64
HT/VHT40 Beam Forming, M0 to M7	2	10	-55.8	-55.8	0.3	-42.5	-41	1.24
HT/VHT40 Beam Forming, M8 to M15	2	7	-52.2	-52.2	0.3	-41.9	-41	0.64
HT/VHT40 STBC, M8 to M15	2	7	-52.2	-52.2	0.3	-41.9	-41	0.64
HE40, M0 to M11 1ss	1	7	-51.6		0.27	-44.3	-41	3.08
HE40, M0 to M11 1ss	2	7	-51.6	-52.4	0.27	-41.7	-41	0.45
HE40, M0 to M11 2ss	2	7	-51.6	-52.4	0.27	-41.7	-41	0.45
HE40 Beam Forming, M0 to M11 1ss	2	10	-56.1	-55.3	0.27	-42.4	-41	1.15
HE40 Beam Forming, M0 to M11 2ss	2	7	-51.6	-52.4	0.27	-41.7	-41	0.45
HE40 STBC, M0 to M11 2ss	2	7	-51.6	-52.4	0.27	-41.7	-41	0.45

Frequency 5210 MHz

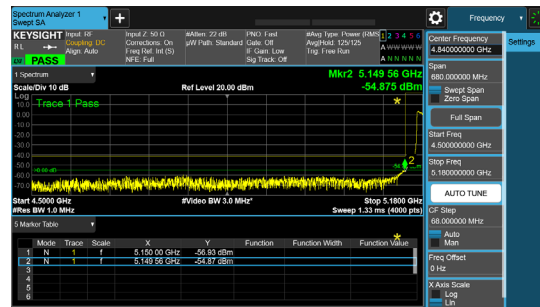
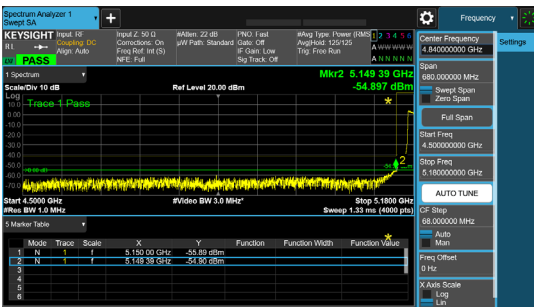
Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 Band edge Level (dBm)	Tx 2 Band edge Level (dBm)	Duty Cycle (dB)	Total Tx Band edge Level (dBm)	Limit (dB)	Margin (dB)
Non HT80, 6 to 54 Mbps	1	7	-50.8		0.38	-43.4	-41	2.17
Non HT80, 6 to 54 Mbps	2	7	-52.9	-52.4	0.38	-42.3	-41	1.0
VHT80, M0 to M11 1ss	1	7	-50.1		0.33	-42.8	-41	1.52
VHT80, M0 to M11 1ss	2	7	-53.8	-52.5	0.33	-42.8	-41	1.51
VHT80, M0 to M11 2ss	2	7	-53.8	-52.5	0.33	-42.8	-41	1.51
VHT80 Beam Forming, M0 to M11 1ss	2	10	-54.9	-54.7	0.33	-41.5	-41	0.21
VHT80 Beam Forming, M0 to M11 2ss	2	7	-53.8	-52.5	0.33	-42.8	-41	1.51
VHT80 STBC, M0 to M11 2ss	2	7	-53.8	-52.5	0.33	-42.8	-41	1.51
HE80, M0 to M11 1ss	1	7	-49.3		0.29	-42.0	-41	0.76
HE80, M0 to M11 1ss	2	7	-53.1	-52.4	0.29	-42.4	-41	1.18
HE80, M0 to M11 2ss	2	7	-53.1	-52.4	0.29	-42.4	-41	1.18
HE80 Beam Forming, M0 to M11 1ss	2	10	-56.0	-55.7	0.29	-42.5	-41	1.29
HE80 Beam Forming, M0 to M11 2ss	2	7	-53.1	-52.4	0.29	-42.4	-41	1.18
HE80 STBC, M0 to M11 2ss	2	7	-53.1	-52.4	0.29	-42.4	-41	1.18

Data Screenshots – Antenna gain 7dBi average.

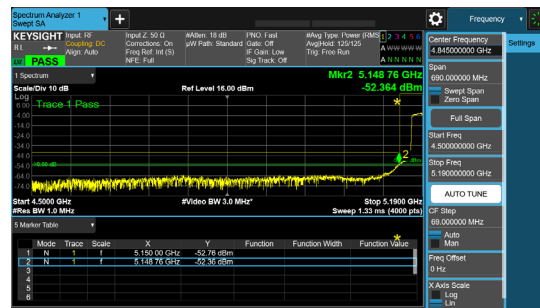
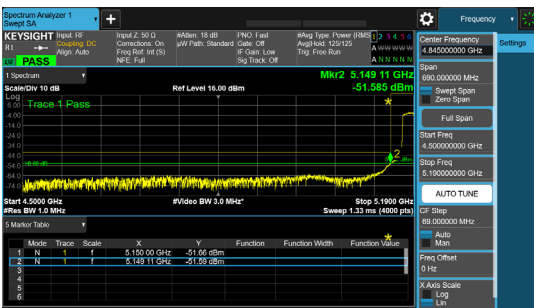
5210 MHz: VHT80 Beam Forming, M0 to M11 1ss



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



5190 MHz: HE40, M0 to M11 1ss



Conducted Band edge Peak.**Frequency 5180 MHz**

Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 Band edge Level (dBm)	Tx 2 Band edge Level (dBm)	Total Tx Band Edge Level (dBm)	Limit (dB)	Margin (dB)
Non HT20, 6 to 54 Mbps	1	7	-38.2		-30.9	-27	3.94
Non HT20, 6 to 54 Mbps	2	7	-38.2	-42.5	-29.6	-27	2.57
Non HT20 Beam Forming, 6 to 54 Mbps	2	10	-43.5	-44.2	-30.6	-27	3.57
HT/VHT20, M0 to M7	1	7	-43.7		-36.3	-27	9.34
HT/VHT20, M0 to M7	2	7	-43.7	-43.7	-33.3	-27	6.33
HT/VHT20, M8 to M15	2	7	-43.7	-43.7	-33.3	-27	6.33
HT/VHT20 Beam Forming, M0 to M7	2	10	-45.6	-44.1	-31.4	-27	4.42
HT/VHT20 Beam Forming, M8 to M15	2	7	-43.7	-43.7	-33.3	-27	6.33
HT/VHT20 STBC, M8 to M15	2	7	-43.7	-43.7	-33.3	-27	6.33
HE20, M0 to M11 1ss	1	7	-44.2		-36.9	-27	9.92
HE20, M0 to M11 1ss	2	7	-44.2	-44.0	-33.8	-27	6.81
HE20, M0 to M11 2ss	2	7	-44.2	-44.0	-33.8	-27	6.81
HE20 Beam Forming, M0 to M11 1ss	2	10	-44.2	-44.0	-30.8	-27	3.81
HE20 Beam Forming, M0 to M11 2ss	2	7	-44.2	-44.0	-33.8	-27	6.81
HE20 STBC, M0 to M11 2ss	2	7	-44.2	-44.0	-33.8	-27	6.81

Frequency 5190 MHz

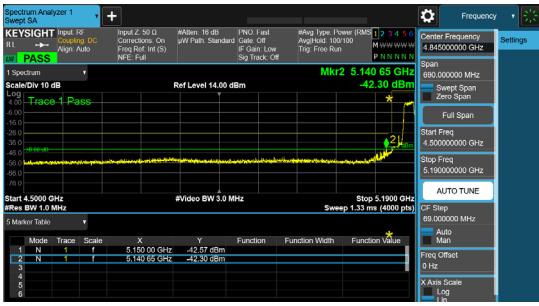
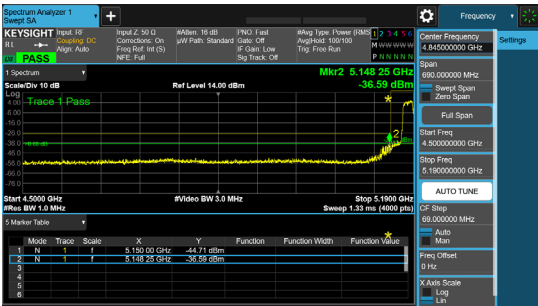
Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 Band edge Level (dBm)	Tx 2 Band edge Level (dBm)	Total Tx Band edge Level (dBm)	Limit (dB)	Margin (dB)
Non HT40, 6 to 54 Mbps	1	7	-36.6		-29.4	-27	2.43
Non HT40, 6 to 54 Mbps	2	7	-36.6	-42.3	-28.4	-27	1.4
HT/VHT40, M0 to M7	1	7	-38.7		-31.4	-27	4.4
HT/VHT40, M0 to M7	2	7	-41.6	-40.4	-30.7	-27	3.65
HT/VHT40, M8 to M15	2	7	-41.6	-40.4	-30.7	-27	3.65
HT/VHT40 Beam Forming, M0 to M7	2	10	-45.4	-45.2	-32.0	-27	4.99
HT/VHT40 Beam Forming, M8 to M15	2	7	-41.6	-40.4	-30.7	-27	3.65
HT/VHT40 STBC, M8 to M15	2	7	-41.6	-40.4	-30.7	-27	3.65
HE40, M0 to M11 1ss	1	7	-41.3		-34.0	-27	7.03
HE40, M0 to M11 1ss	2	7	-41.3	-39.8	-30.2	-27	3.2
HE40, M0 to M11 2ss	2	7	-41.3	-39.8	-30.2	-27	3.2
HE40 Beam Forming, M0 to M11 1ss	2	10	-44.0	-42.8	-30.1	-27	3.08
HE40 Beam Forming, M0 to M11 2ss	2	7	-41.3	-39.8	-30.2	-27	3.2
HE40 STBC, M0 to M11 2ss	2	7	-41.3	-39.8	-30.2	-27	3.2

Frequency 5210 MHz

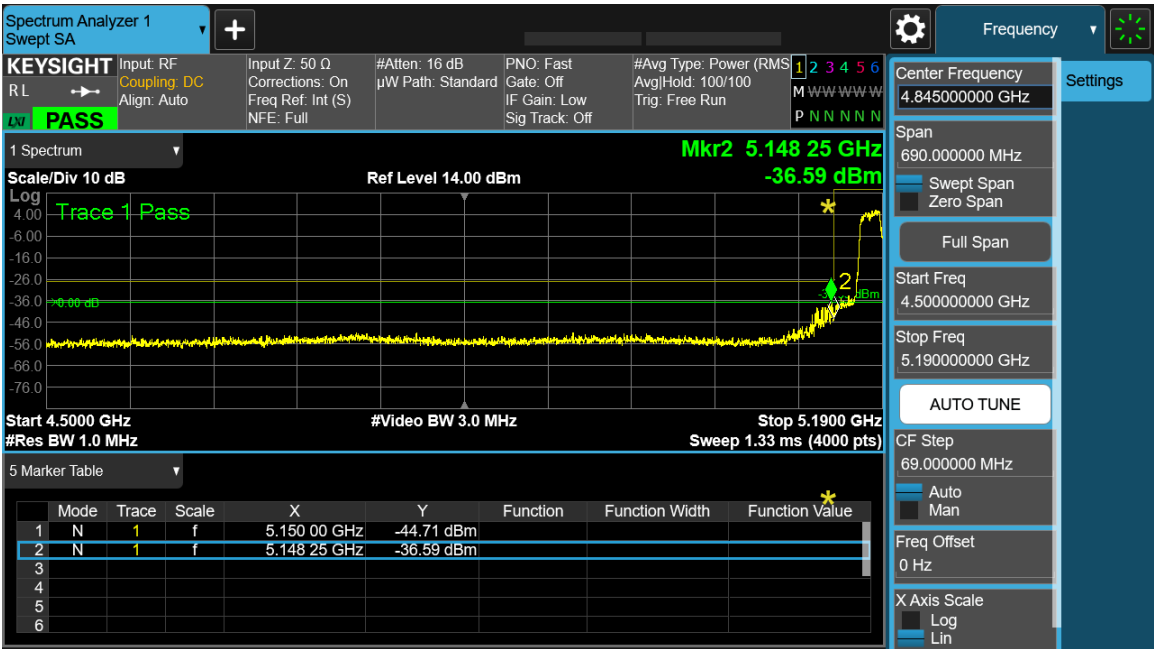
Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 Band edge Level (dBm)	Tx 2 Band edge Level (dBm)	Total Tx Band Edge Level (dBm)	Limit (dB)	Margin (dB)
Non HT80, 6 to 54 Mbps	1	7	-39.6		-32.2	-27	5.22
Non HT80, 6 to 54 Mbps	2	7	-41.8	-42.1	-31.6	-27	4.55
VHT80, M0 to M11 1ss	1	7	-40.1		-32.8	-27	5.77
VHT80, M0 to M11 1ss	2	7	-43.9	-42.9	-33.0	-27	6.03
VHT80, M0 to M11 2ss	2	7	-43.9	-42.9	-33.0	-27	6.03
VHT80 Beam Forming, M0 to M11 1ss	2	10	-44.2	-43.6	-30.5	-27	3.55
VHT80 Beam Forming, M0 to M11 2ss	2	7	-43.9	-42.9	-33.0	-27	6.03
VHT80 STBC, M0 to M11 2ss	2	7	-43.9	-42.9	-33.0	-27	6.03
HE80, M0 to M11 1ss	1	7	-39.3		-32.0	-27	5.01
HE80, M0 to M11 1ss	2	7	-42.6	-40.2	-30.9	-27	3.93
HE80, M0 to M11 2ss	2	7	-42.6	-40.2	-30.9	-27	3.93
HE80 Beam Forming, M0 to M11 1ss	2	10	-45.4	-46.0	-32.4	-27	5.39
HE80 Beam Forming, M0 to M11 2ss	2	7	-42.6	-40.2	-30.9	-27	3.93
HE80 STBC, M0 to M11 2ss	2	7	-42.6	-40.2	-30.9	-27	3.93

Data Screenshots – Antenna gain 7dBi Peak.

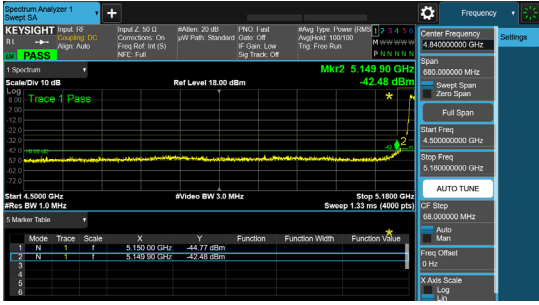
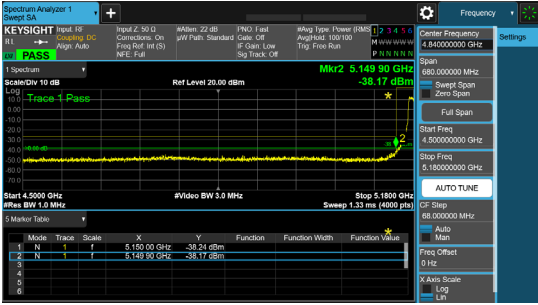
5190 MHz: Non HT40, 6 to 54 Mbps



5190 MHz: Non HT40, 6 to 54 Mbps



5180 MHz: Non HT20, 6 to 54 Mbps



Conducted Band edge Average. – Antenna gain 8dBi.**Frequency 5180 MHz**

Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 Band edge Level (dBm)	Tx 2 Band edge Level (dBm)	Duty Cycle (dB)	Total Tx Band edge Level (dBm)	Limit (dB)	Margin (dB)
Non HT20, 6 to 54 Mbps	1	8	-51.6		0.26	-43.3	-41	2.09
Non HT20, 6 to 54 Mbps	2	8	-56.9	-56.7	0.26	-45.5	-41	4.28
Non HT20 Beam Forming, 6 to 54 Mbps	2	11	-61.4	-60.8	0.26	-46.8	-41	5.57
HT/VHT20, M0 to M7	1	8	-53.7		0.36	-45.3	-41	4.09
HT/VHT20, M0 to M7	2	8	-57.0	-57.0	0.36	-45.6	-41	4.38
HT/VHT20, M8 to M15	2	8	-57.0	-57.0	0.36	-45.6	-41	4.38
HT/VHT20 Beam Forming, M0 to M7	2	11	-61.5	-60.7	0.36	-46.7	-41	5.46
HT/VHT20 Beam Forming, M8 to M15	2	8	-57.0	-57.0	0.36	-45.6	-41	4.38
HT/VHT20 STBC, M8 to M15	2	8	-57.0	-57.0	0.36	-45.6	-41	4.38
HE20, M0 to M11 1ss	1	8	-54.9		0.28	-46.6	-41	5.37
HE20, M0 to M11 1ss	2	8	-55.9	-56.1	0.28	-44.7	-41	3.46
HE20, M0 to M11 2ss	2	8	-55.9	-56.1	0.28	-44.7	-41	3.46
HE20 Beam Forming, M0 to M11 1ss	2	11	-58.8	-59.4	0.28	-44.8	-41	3.55
HE20 Beam Forming, M0 to M11 2ss	2	8	-55.9	-56.1	0.28	-44.7	-41	3.46
HE20 STBC, M0 to M11 2ss	2	8	-55.9	-56.1	0.28	-44.7	-41	3.46

Frequency 5190 MHz

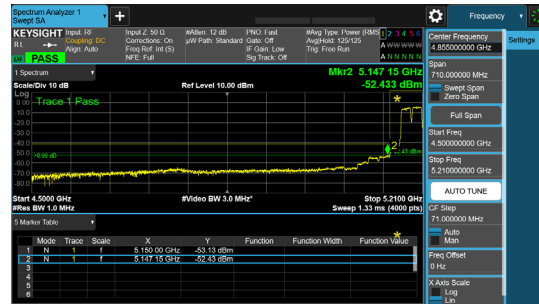
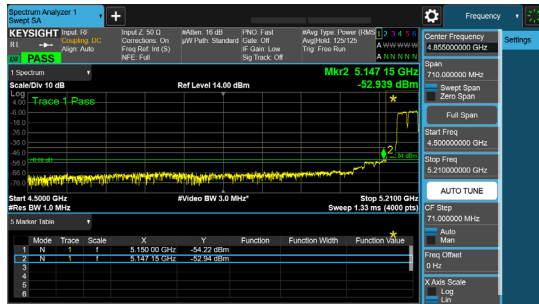
Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 Band edge Level (dBm)	Tx 2 Band edge Level (dBm)	Duty Cycle (dB)	Total Tx Band edge Level (dBm)	Limit (dB)	Margin (dB)
Non HT40, 6 to 54 Mbps	1	8	-52.5		0.17	-44.3	-41	3.08
Non HT40, 6 to 54 Mbps	2	8	-52.5	-53.3	0.17	-41.7	-41	0.45
HT/VHT40, M0 to M7	1	8	-52.2		0.3	-43.9	-41	2.65
HT/VHT40, M0 to M7	2	8	-54.0	-54.4	0.3	-42.9	-41	1.64
HT/VHT40, M8 to M15	2	8	-54.0	-54.4	0.3	-42.9	-41	1.64
HT/VHT40 Beam Forming, M0 to M7	2	11	-55.8	-55.8	0.3	-41.5	-41	0.24
HT/VHT40 Beam Forming, M8 to M15	2	8	-54.0	-54.4	0.3	-42.9	-41	1.64
HT/VHT40 STBC, M8 to M15	2	8	-54.0	-54.4	0.3	-42.9	-41	1.64
HE40, M0 to M11 1ss	1	8	-51.6		0.27	-43.3	-41	2.08
HE40, M0 to M11 1ss	2	8	-54.0	-53.8	0.27	-42.6	-41	1.37
HE40, M0 to M11 2ss	2	8	-54.0	-53.8	0.27	-42.6	-41	1.37
HE40 Beam Forming, M0 to M11 1ss	2	11	-56.1	-55.3	0.27	-41.4	-41	0.15
HE40 Beam Forming, M0 to M11 2ss	2	8	-54.0	-53.8	0.27	-42.6	-41	1.37
HE40 STBC, M0 to M11 2ss	2	8	-54.0	-53.8	0.27	-42.6	-41	1.37

Frequency 5210 MHz

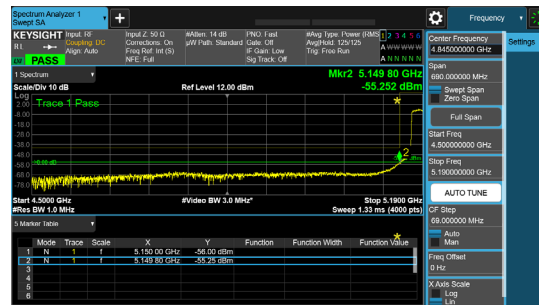
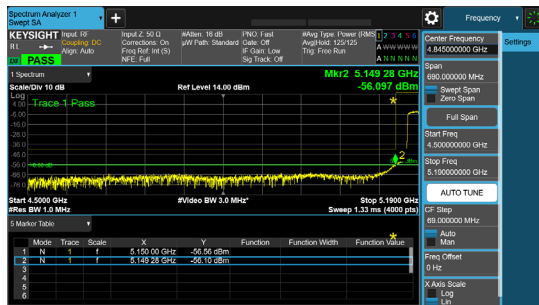
Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 Band edge Level (dBm)	Tx 2 Band edge Level (dBm)	Duty Cycle (dB)	Total Tx Band edge Level (dBm)	Limit (dB)	Margin (dB)
Non HT80, 6 to 54 Mbps	1	8	-50.8		0.38	-42.4	-41	1.17
Non HT80, 6 to 54 Mbps	2	8	-52.9	-52.4	0.38	-41.3	-41	0.0
VHT80, M0 to M11 1ss	1	8	-50.1		0.33	-41.8	-41	0.52
VHT80, M0 to M11 1ss	2	8	-53.8	-52.5	0.33	-41.8	-41	0.51
VHT80, M0 to M11 2ss	2	8	-53.8	-52.5	0.33	-41.8	-41	0.51
VHT80 Beam Forming, M0 to M11 1ss	2	11	-57.5	-57.7	0.33	-43.3	-41	2.01
VHT80 Beam Forming, M0 to M11 2ss	2	8	-53.8	-52.5	0.33	-41.8	-41	0.51
VHT80 STBC, M0 to M11 2ss	2	8	-53.8	-52.5	0.33	-41.8	-41	0.51
HE80, M0 to M11 1ss	1	8	-51.8		0.29	-43.5	-41	2.26
HE80, M0 to M11 1ss	2	8	-53.1	-52.4	0.29	-41.4	-41	0.18
HE80, M0 to M11 2ss	2	8	-53.1	-52.4	0.29	-41.4	-41	0.18
HE80 Beam Forming, M0 to M11 1ss	2	11	-56.0	-55.7	0.29	-41.5	-41	0.29
HE80 Beam Forming, M0 to M11 2ss	2	8	-53.1	-52.4	0.29	-41.4	-41	0.18
HE80 STBC, M0 to M11 2ss	2	8	-53.1	-52.4	0.29	-41.4	-41	0.18

Data Screenshots – Antenna gain 8dBi average.

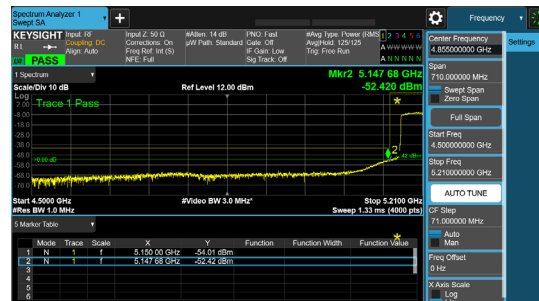
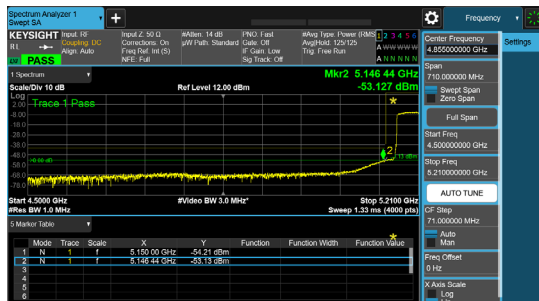
5210 MHz: Non HT80, 6 to 54 Mbps



5190 MHz: HE40 Beam Forming, M0 to M11 1ss



5210 MHz: HE80, M0 to M11 1ss



Conducted Band edge Peak.**Frequency 5180 MHz**

Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 Band edge Level (dBm)	Tx 2 Band edge Level (dBm)	Total Tx Band edge Level (dBm)	Limit (dB)	Margin (dB)
Non HT20, 6 to 54 Mbps	1	8	-38.2		-29.9	-27	2.94
Non HT20, 6 to 54 Mbps	2	8	-45.7	-46.1	-34.6	-27	7.63
Non HT20 Beam Forming, 6 to 54 Mbps	2	11	-49.1	-47.4	-33.9	-27	6.9
HT/VHT20, M0 to M7	1	8	-43.7		-35.3	-27	8.34
HT/VHT20, M0 to M7	2	8	-45.2	-46.1	-34.3	-27	7.26
HT/VHT20, M8 to M15	2	8	-45.2	-46.1	-34.3	-27	7.26
HT/VHT20 Beam Forming, M0 to M7	2	11	-48.5	-49.9	-34.8	-27	7.77
HT/VHT20 Beam Forming, M8 to M15	2	8	-45.2	-46.1	-34.3	-27	7.26
HT/VHT20 STBC, M8 to M15	2	8	-45.2	-46.1	-34.3	-27	7.26
HE20, M0 to M11 1ss	1	8	-44.2		-35.9	-27	8.92
HE20, M0 to M11 1ss	2	8	-43.8	-45.0	-33.1	-27	6.07
HE20, M0 to M11 2ss	2	8	-43.8	-45.0	-33.1	-27	6.07
HE20 Beam Forming, M0 to M11 1ss	2	11	-47.6	-48.7	-33.8	-27	6.82
HE20 Beam Forming, M0 to M11 2ss	2	8	-43.8	-45.0	-33.1	-27	6.07
HE20 STBC, M0 to M11 2ss	2	8	-43.8	-45.0	-33.1	-27	6.07

Frequency 5190 MHz

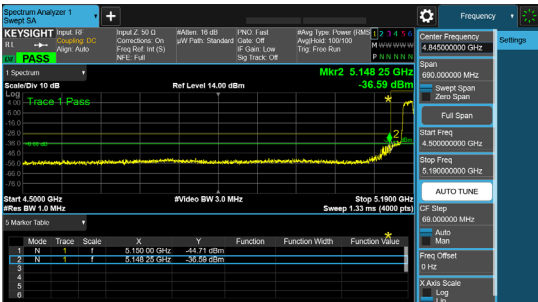
Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 Band edge Level (dBm)	Tx 2 Band edge Level (dBm)	Total Tx Band edge Level (dBm)	Limit (dB)	Margin (dB)
Non HT40, 6 to 54 Mbps	1	8	-36.6		-28.4	-27	1.43
Non HT40, 6 to 54 Mbps	2	8	-36.6	-42.3	-27.4	-27	0.4
HT/VHT40, M0 to M7	1	8	-41.6		-33.3	-27	6.3
HT/VHT40, M0 to M7	2	8	-43.6	-43.6	-32.3	-27	5.29
HT/VHT40, M8 to M15	2	8	-43.6	-43.6	-32.3	-27	5.29
HT/VHT40 Beam Forming, M0 to M7	2	11	-45.4	-45.2	-31.0	-27	3.99
HT/VHT40 Beam Forming, M8 to M15	2	8	-43.6	-43.6	-32.3	-27	5.29
HT/VHT40 STBC, M8 to M15	2	8	-43.6	-43.6	-32.3	-27	5.29
HE40, M0 to M11 1ss	1	8	-41.3		-33.0	-27	6.03
HE40, M0 to M11 1ss	2	8	-44.3	-44.2	-33.0	-27	5.97
HE40, M0 to M11 2ss	2	8	-44.3	-44.2	-33.0	-27	5.97
HE40 Beam Forming, M0 to M11 1ss	2	11	-44.0	-42.8	-29.1	-27	2.08
HE40 Beam Forming, M0 to M11 2ss	2	8	-44.3	-44.2	-33.0	-27	5.97
HE40 STBC, M0 to M11 2ss	2	8	-44.3	-44.2	-33.0	-27	5.97

Frequency 5210 MHz

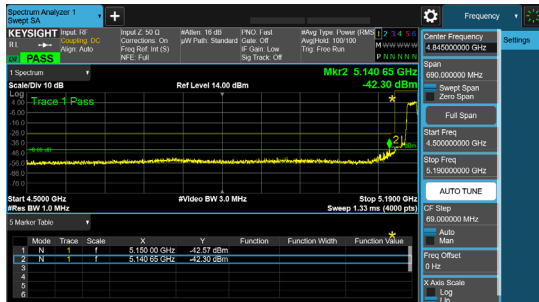
Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 Band edge Level (dBm)	Tx 2 Band edge Level (dBm)	Total Tx Band edge Level (dBm)	Limit (dB)	Margin (dB)
Non HT80, 6 to 54 Mbps	1	8	-39.6		-31.2	-27	4.22
Non HT80, 6 to 54 Mbps	2	8	-41.8	-42.1	-30.6	-27	3.55
VHT80, M0 to M11 1ss	1	8	-40.1		-31.8	-27	4.77
VHT80, M0 to M11 1ss	2	8	-43.9	-42.9	-32.0	-27	5.03
VHT80, M0 to M11 2ss	2	8	-43.9	-42.9	-32.0	-27	5.03
VHT80 Beam Forming, M0 to M11 1ss	2	11	-48.2	-46.9	-33.2	-27	6.16
VHT80 Beam Forming, M0 to M11 2ss	2	8	-43.9	-42.9	-32.0	-27	5.03
VHT80 STBC, M0 to M11 2ss	2	8	-43.9	-42.9	-32.0	-27	5.03
HE80, M0 to M11 1ss	1	8	-42.9		-34.6	-27	7.61
HE80, M0 to M11 1ss	2	8	-42.6	-40.2	-29.9	-27	2.93
HE80, M0 to M11 2ss	2	8	-42.6	-40.2	-29.9	-27	2.93
HE80 Beam Forming, M0 to M11 1ss	2	11	-45.4	-46.0	-31.4	-27	4.39
HE80 Beam Forming, M0 to M11 2ss	2	8	-42.6	-40.2	-29.9	-27	2.93
HE80 STBC, M0 to M11 2ss	2	8	-42.6	-40.2	-29.9	-27	2.93

Data Screenshots – Antenna gain 8dBi Peak.

5190 MHz: Non HT40, 6 to 54 Mbps

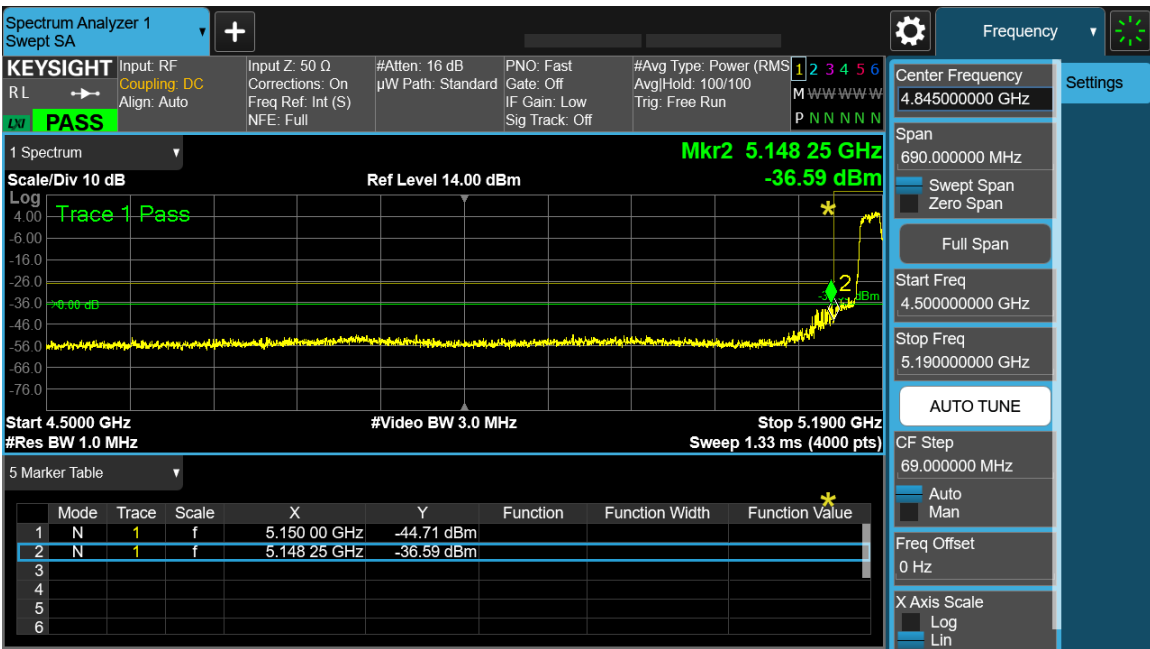


Antenna A



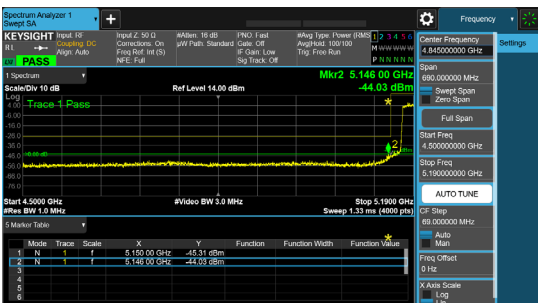
Antenna B

5190 MHz: Non HT40, 6 to 54 Mbps

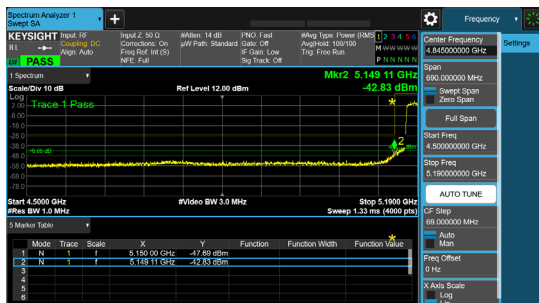


Antenna A

5190 MHz: HE40 Beam Forming, M0 to M11 1ss



Antenna A



Antenna B

Conducted Band Edge Average – Antenna gain 10dBi.**Frequency 5180 MHz**

Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 Band Edge Level (dBm)	Tx 2 Band Edge Level (dBm)	Duty Cycle (dB)	Total Tx Band Edge Level (dBm)	Limit (dB)	Margin (dB)
Non HT20, 6 to 54 Mbps	1	10	-60.7		0.26	-50.4	-41	9.19
Non HT20, 6 to 54 Mbps	2	10	-64.0	-64.1	0.26	-50.8	-41	9.53
Non HT20 Beam Forming, 6 to 54 Mbps	2	10	-64.0	-64.1	0.26	-50.8	-41	9.53
HT/VHT20, M0 to M7	1	10	-60.0		0.36	-49.6	-41	8.39
HT/VHT20, M0 to M7	2	10	-63.0	-63.8	0.36	-50.0	-41	8.76
HT/VHT20, M8 to M15	2	10	-63.0	-63.8	0.36	-50.0	-41	8.76
HT/VHT20 Beam Forming, M0 to M7	2	10	-63.0	-63.8	0.36	-50.0	-41	8.76
HT/VHT20 Beam Forming, M8 to M15	2	10	-63.0	-63.8	0.36	-50.0	-41	8.76
HT/VHT20 STBC, M8 to M15	2	10	-63.0	-63.8	0.36	-50.0	-41	8.76
HE20, M0 to M11 1ss	1	10	-58.8		0.28	-48.5	-41	7.27
HE20, M0 to M11 1ss	2	10	-63.0	-62.9	0.28	-49.7	-41	8.41
HE20, M0 to M11 2ss	2	10	-63.0	-62.9	0.28	-49.7	-41	8.41
HE20 Beam Forming, M0 to M11 1ss	2	10	-63.0	-62.9	0.28	-49.7	-41	8.41
HE20 Beam Forming, M0 to M11 2ss	2	10	-63.0	-62.9	0.28	-49.7	-41	8.41
HE20 STBC, M0 to M11 2ss	2	10	-63.0	-62.9	0.28	-49.7	-41	8.41

Frequency 5190 MHz

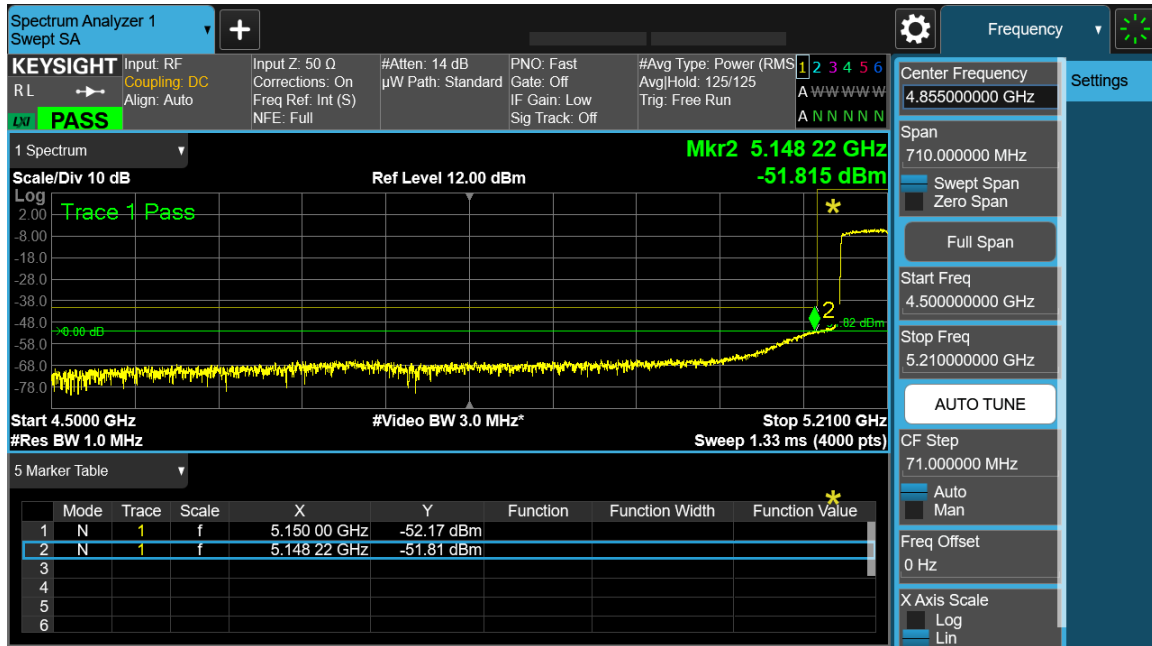
Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 Band Edge Level (dBm)	Tx 2 Band Edge Level (dBm)	Duty Cycle (dB)	Total Tx Band Edge Level (dBm)	Limit (dB)	Margin (dB)
Non HT40, 6 to 54 Mbps	1	10	-56.0		0.17	-45.8	-41	4.58
Non HT40, 6 to 54 Mbps	2	10	-56.0	-56.1	0.17	-42.9	-41	1.62
HT/VHT40, M0 to M7	1	10	-54.0		0.3	-43.7	-41	2.45
HT/VHT40, M0 to M7	2	10	-60.6	-60.4	0.3	-47.2	-41	5.94
HT/VHT40, M8 to M15	2	10	-60.6	-60.4	0.3	-47.2	-41	5.94
HT/VHT40 Beam Forming, M0 to M7	2	10	-60.6	-60.4	0.3	-47.2	-41	5.94
HT/VHT40 Beam Forming, M8 to M15	2	10	-60.6	-60.4	0.3	-47.2	-41	5.94
HT/VHT40 STBC, M8 to M15	2	10	-60.6	-60.4	0.3	-47.2	-41	5.94
HE40, M0 to M11 1ss	1	10	-54.0		0.27	-43.7	-41	2.48
HE40, M0 to M11 1ss	2	10	-60.6	-61.1	0.27	-47.6	-41	6.31
HE40, M0 to M11 2ss	2	10	-60.6	-61.1	0.27	-47.6	-41	6.31
HE40 Beam Forming, M0 to M11 1ss	2	10	-60.6	-61.1	0.27	-47.6	-41	6.31
HE40 Beam Forming, M0 to M11 2ss	2	10	-60.6	-61.1	0.27	-47.6	-41	6.31
HE40 STBC, M0 to M11 2ss	2	10	-60.6	-61.1	0.27	-47.6	-41	6.31

Frequency 5210 MHz

Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 Band Edge Level (dBm)	Tx 2 Band Edge Level (dBm)	Duty Cycle (dB)	Total Tx Band Edge Level (dBm)	Limit (dB)	Margin (dB)
Non HT80, 6 to 54 Mbps	1	10	-52.9		0.38	-42.5	-41	1.27
Non HT80, 6 to 54 Mbps	2	10	-62.7	-62.2	0.38	-49.1	-41	7.8
VHT80, M0 to M11 1ss	1	10	-53.8		0.33	-43.5	-41	2.22
VHT80, M0 to M11 1ss	2	10	-63.4	-63.4	0.33	-50.1	-41	8.81
VHT80, M0 to M11 2ss	2	10	-63.4	-63.4	0.33	-50.1	-41	8.81
VHT80 Beam Forming, M0 to M11 1ss	2	10	-63.4	-63.4	0.33	-50.1	-41	8.81
VHT80 Beam Forming, M0 to M11 2ss	2	10	-63.4	-63.4	0.33	-50.1	-41	8.81
VHT80 STBC, M0 to M11 2ss	2	10	-63.4	-63.4	0.33	-50.1	-41	8.81
HE80, M0 to M11 1ss	1	10	-51.8		0.29	-41.5	-41	0.26
HE80, M0 to M11 1ss	2	10	-62.7	-62.8	0.29	-49.4	-41	8.2
HE80, M0 to M11 2ss	2	10	-62.7	-62.8	0.29	-49.4	-41	8.2
HE80 Beam Forming, M0 to M11 1ss	2	10	-62.7	-62.8	0.29	-49.4	-41	8.2
HE80 Beam Forming, M0 to M11 2ss	2	10	-62.7	-62.8	0.29	-49.4	-41	8.2
HE80 STBC, M0 to M11 2ss	2	10	-62.7	-62.8	0.29	-49.4	-41	8.2

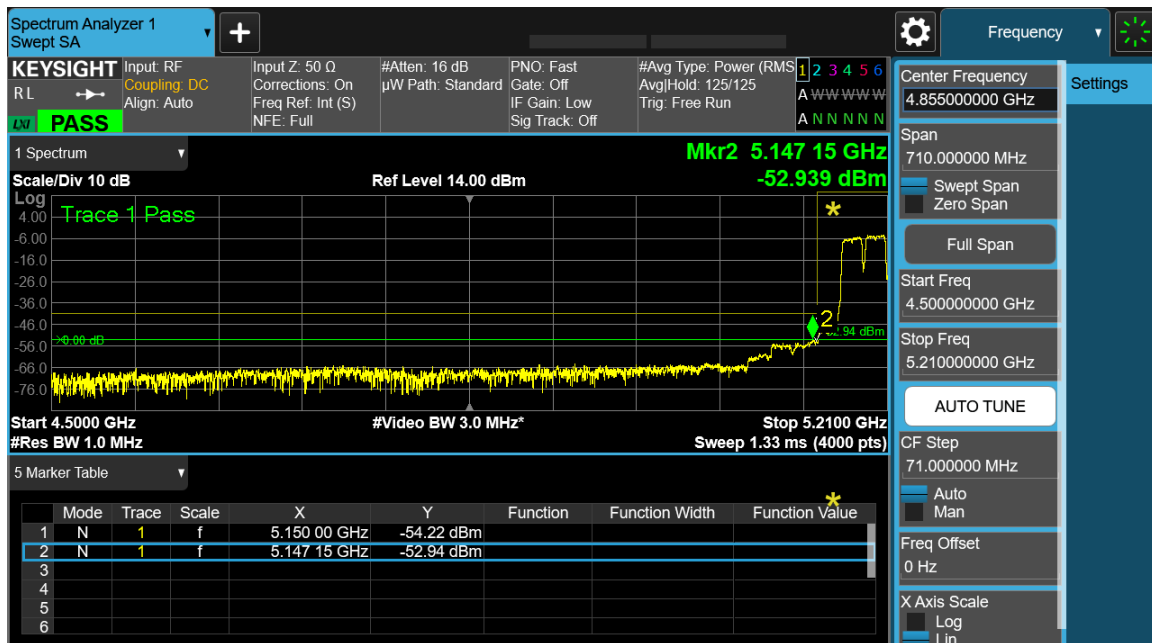
Data Screenshots – Antenna gain 10dBi average.

5210 MHz: HE80, M0 to M11 1ss



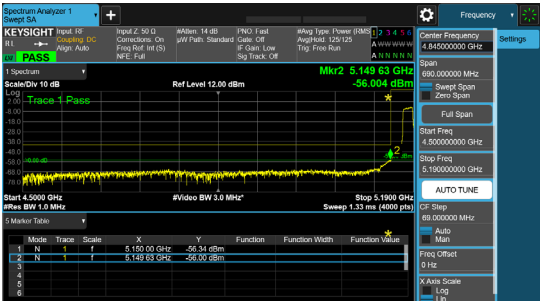
Antenna A

5210 MHz: Non HT80, 6 to 54 Mbps

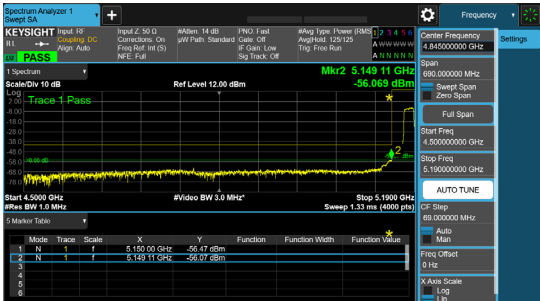


Antenna A

5190 MHz: Non HT40, 6 to 54 Mbps



Antenna A



Antenna B

Conducted Band Edge Peak – Antenna gain 10dBi.**Frequency 5180 MHz**

Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 Band Edge Level (dBm)	Tx 2 Band Edge Level (dBm)	Total Tx Band Edge Level (dBm)	Limit (dB)	Margin (dB)
Non HT20, 6 to 54 Mbps	1	10	-46.4		-36.1	-27	9.14
Non HT20, 6 to 54 Mbps	2	10	-51.4	-49.8	-37.3	-27	10.26
Non HT20 Beam Forming, 6 to 54 Mbps	2	10	-51.4	-49.8	-37.3	-27	10.26
HT/VHT20, M0 to M7	1	10	-46.9		-36.5	-27	9.54
HT/VHT20, M0 to M7	2	10	-51.7	-50.2	-37.5	-27	10.52
HT/VHT20, M8 to M15	2	10	-51.7	-50.2	-37.5	-27	10.52
HT/VHT20 Beam Forming, M0 to M7	2	10	-51.7	-50.2	-37.5	-27	10.52
HT/VHT20 Beam Forming, M8 to M15	2	10	-51.7	-50.2	-37.5	-27	10.52
HT/VHT20 STBC, M8 to M15	2	10	-51.7	-50.2	-37.5	-27	10.52
HE20, M0 to M11 1ss	1	10	-47.6		-37.3	-27	10.32
HE20, M0 to M11 1ss	2	10	-50.5	-49.6	-36.7	-27	9.74
HE20, M0 to M11 2ss	2	10	-50.5	-49.6	-36.7	-27	9.74
HE20 Beam Forming, M0 to M11 1ss	2	10	-50.5	-49.6	-36.7	-27	9.74
HE20 Beam Forming, M0 to M11 2ss	2	10	-50.5	-49.6	-36.7	-27	9.74
HE20 STBC, M0 to M11 2ss	2	10	-50.5	-49.6	-36.7	-27	9.74

Frequency 5190 MHz

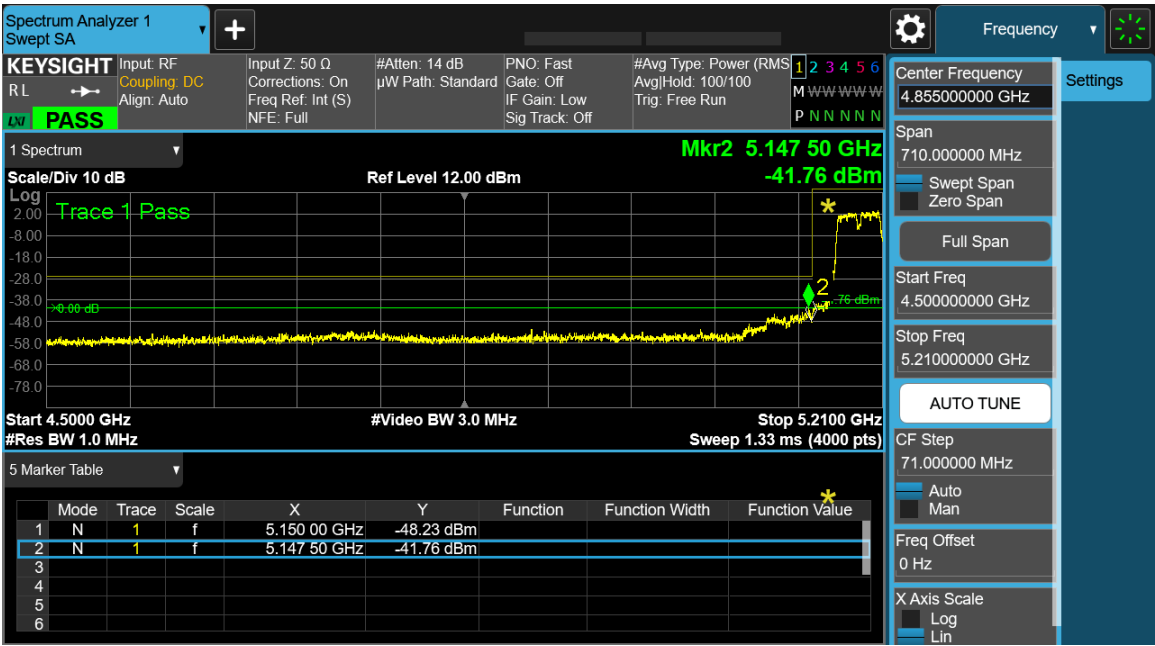
Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 Band Edge Level (dBm)	Tx 2 Band Edge Level (dBm)	Total Tx Band Edge Level (dBm)	Limit (dB)	Margin (dB)
Non HT40, 6 to 54 Mbps	1	10	-43.8		-33.6	-27	6.63
Non HT40, 6 to 54 Mbps	2	10	-43.8	-46.2	-31.7	-27	4.66
HT/VHT40, M0 to M7	1	10	-43.6		-33.3	-27	6.3
HT/VHT40, M0 to M7	2	10	-50.2	-51.0	-37.3	-27	10.27
HT/VHT40, M8 to M15	2	10	-50.2	-51.0	-37.3	-27	10.27
HT/VHT40 Beam Forming, M0 to M7	2	10	-50.2	-51.0	-37.3	-27	10.27
HT/VHT40 Beam Forming, M8 to M15	2	10	-50.2	-51.0	-37.3	-27	10.27
HT/VHT40 STBC, M8 to M15	2	10	-50.2	-51.0	-37.3	-27	10.27
HE40, M0 to M11 1ss	1	10	-44.3		-34.0	-27	7.03
HE40, M0 to M11 1ss	2	10	-48.8	-49.7	-35.9	-27	8.94
HE40, M0 to M11 2ss	2	10	-48.8	-49.7	-35.9	-27	8.94
HE40 Beam Forming, M0 to M11 1ss	2	10	-48.8	-49.7	-35.9	-27	8.94
HE40 Beam Forming, M0 to M11 2ss	2	10	-48.8	-49.7	-35.9	-27	8.94
HE40 STBC, M0 to M11 2ss	2	10	-48.8	-49.7	-35.9	-27	8.94

Frequency 5210 MHz

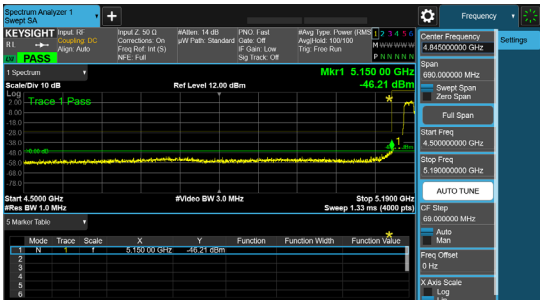
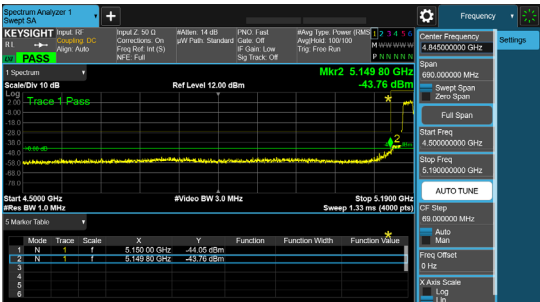
Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 Band Edge Level (dBm)	Tx 2 Band Edge Level (dBm)	Total Tx Band Edge Level (dBm)	Limit (dB)	Margin (dB)
Non HT80, 6 to 54 Mbps	1	10	-41.8		-31.4	-27	4.42
Non HT80, 6 to 54 Mbps	2	10	-52.0	-50.3	-37.7	-27	10.67
VHT80, M0 to M11 1ss	1	10	-43.9		-33.6	-27	6.57
VHT80, M0 to M11 1ss	2	10	-50.5	-52.7	-38.1	-27	11.12
VHT80, M0 to M11 2ss	2	10	-50.5	-52.7	-38.1	-27	11.12
VHT80 Beam Forming, M0 to M11 1ss	2	10	-50.5	-52.7	-38.1	-27	11.12
VHT80 Beam Forming, M0 to M11 2ss	2	10	-50.5	-52.7	-38.1	-27	11.12
VHT80 STBC, M0 to M11 2ss	2	10	-50.5	-52.7	-38.1	-27	11.12
HE80, M0 to M11 1ss	1	10	-42.9		-32.6	-27	5.61
HE80, M0 to M11 1ss	2	10	-51.7	-52.4	-38.7	-27	11.73
HE80, M0 to M11 2ss	2	10	-51.7	-52.4	-38.7	-27	11.73
HE80 Beam Forming, M0 to M11 1ss	2	10	-51.7	-52.4	-38.7	-27	11.73
HE80 Beam Forming, M0 to M11 2ss	2	10	-51.7	-52.4	-38.7	-27	11.73
HE80 STBC, M0 to M11 2ss	2	10	-51.7	-52.4	-38.7	-27	11.73

Data Screenshots – Antenna gain 10dBi peak.

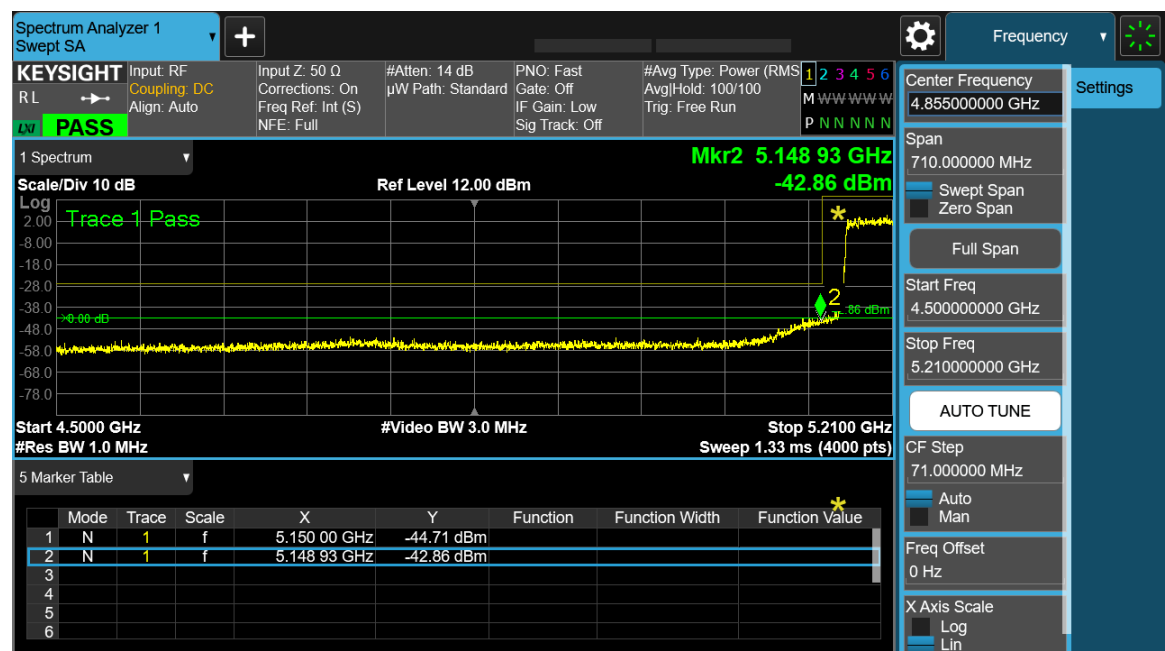
5210 MHz: Non HT80, 6 to 54 Mbps



5190 MHz: Non HT40, 6 to 54 Mbps



5210 MHz: HE80, M0 to M11 1ss



Antenna A

Conducted Band Edge Average – Antenna gain 13dBi.**Frequency 5180 MHz**

Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 Band Edge Level (dBm)	Tx 2 Band Edge Level (dBm)	Duty Cycle (dB)	Total Tx Band Edge Level (dBm)	Limit (dB)	Margin (dB)
Non HT20, 6 to 54 Mbps	1	13	-56.2		0.26	-42.9	-41	1.69
Non HT20, 6 to 54 Mbps	2	13	-57.8	-58.4	0.26	-41.8	-41	0.57
Non HT20 Beam Forming, 6 to 54 Mbps	2	13	-57.8	-58.4	0.26	-41.8	-41	0.57
HT/VHT20, M0 to M7	1	13	-56.5		0.36	-43.1	-41	1.89
HT/VHT20, M0 to M7	2	13	-57.9	-58.4	0.36	-41.8	-41	0.52
HT/VHT20, M8 to M15	2	13	-57.9	-58.4	0.36	-41.8	-41	0.52
HT/VHT20 Beam Forming, M0 to M7	2	13	-57.9	-58.4	0.36	-41.8	-41	0.52
HT/VHT20 Beam Forming, M8 to M15	2	13	-57.9	-58.4	0.36	-41.8	-41	0.52
HT/VHT20 STBC, M8 to M15	2	13	-57.9	-58.4	0.36	-41.8	-41	0.52
HE20, M0 to M11 1ss	1	13	-54.9		0.28	-41.6	-41	0.37
HE20, M0 to M11 1ss	2	13	-58.5	-58.0	0.28	-42.0	-41	0.7
HE20, M0 to M11 2ss	2	13	-58.5	-58.0	0.28	-42.0	-41	0.7
HE20 Beam Forming, M0 to M11 1ss	2	13	-58.5	-58.0	0.28	-42.0	-41	0.7
HE20 Beam Forming, M0 to M11 2ss	2	13	-58.5	-58.0	0.28	-42.0	-41	0.7
HE20 STBC, M0 to M11 2ss	2	13	-58.5	-58.0	0.28	-42.0	-41	0.7

Frequency 5190 MHz

Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 Band Edge Level (dBm)	Tx 2 Band Edge Level (dBm)	Duty Cycle (dB)	Total Tx Band Edge Level (dBm)	Limit (dB)	Margin (dB)
Non HT40, 6 to 54 Mbps	1	13	-56.0		0.17	-42.8	-41	1.58
Non HT40, 6 to 54 Mbps	2	13	-59.0	-59.5	0.17	-43.1	-41	1.81
HT/VHT40, M0 to M7	1	13	-55.8		0.3	-42.5	-41	1.25
HT/VHT40, M0 to M7	2	13	-59.1	-58.5	0.3	-42.5	-41	1.23
HT/VHT40, M8 to M15	2	13	-59.1	-58.5	0.3	-42.5	-41	1.23
HT/VHT40 Beam Forming, M0 to M7	2	13	-59.1	-58.5	0.3	-42.5	-41	1.23
HT/VHT40 Beam Forming, M8 to M15	2	13	-59.1	-58.5	0.3	-42.5	-41	1.23
HT/VHT40 STBC, M8 to M15	2	13	-59.1	-58.5	0.3	-42.5	-41	1.23
HE40, M0 to M11 1ss	1	13	-56.1		0.27	-42.8	-41	1.58
HE40, M0 to M11 1ss	2	13	-58.1	-58.8	0.27	-42.2	-41	0.9
HE40, M0 to M11 2ss	2	13	-58.1	-58.8	0.27	-42.2	-41	0.9
HE40 Beam Forming, M0 to M11 1ss	2	13	-58.1	-58.8	0.27	-42.2	-41	0.9
HE40 Beam Forming, M0 to M11 2ss	2	13	-58.1	-58.8	0.27	-42.2	-41	0.9
HE40 STBC, M0 to M11 2ss	2	13	-58.1	-58.8	0.27	-42.2	-41	0.9

Frequency 5210 MHz

Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 Band Edge Level (dBm)	Tx 2 Band Edge Level (dBm)	Duty Cycle (dB)	Total Tx Band Edge Level (dBm)	Limit (dB)	Margin (dB)
Non HT80, 6 to 54 Mbps	1	13	-56.9		0.38	-43.5	-41	2.27
Non HT80, 6 to 54 Mbps	2	13	-59.5	-58.7	0.38	-42.7	-41	1.44
VHT80, M0 to M11 1ss	1	13	-54.9		0.33	-41.6	-41	0.32
VHT80, M0 to M11 1ss	2	13	-57.5	-57.7	0.33	-41.3	-41	0.01
VHT80, M0 to M11 2ss	2	13	-57.5	-57.7	0.33	-41.3	-41	0.01
VHT80 Beam Forming, M0 to M11 1ss	2	13	-57.5	-57.7	0.33	-41.3	-41	0.01
VHT80 Beam Forming, M0 to M11 2ss	2	13	-57.5	-57.7	0.33	-41.3	-41	0.01
VHT80 STBC, M0 to M11 2ss	2	13	-57.5	-57.7	0.33	-41.3	-41	0.01
HE80, M0 to M11 1ss	1	13	-56.0		0.29	-42.7	-41	1.46
HE80, M0 to M11 1ss	2	13	-58.9	-58.6	0.29	-42.4	-41	1.19
HE80, M0 to M11 2ss	2	13	-58.9	-58.6	0.29	-42.4	-41	1.19
HE80 Beam Forming, M0 to M11 1ss	2	13	-58.9	-58.6	0.29	-42.4	-41	1.19
HE80 Beam Forming, M0 to M11 2ss	2	13	-58.9	-58.6	0.29	-42.4	-41	1.19
HE80 STBC, M0 to M11 2ss	2	13	-58.9	-58.6	0.29	-42.4	-41	1.19

Data Screenshots – Antenna gain 13dBi average.

Conducted Band Edge Peak – Antenna gain 13dBi.**Frequency 5180 MHz**

Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 Band Edge Level (dBm)	Tx 2 Band Edge Level (dBm)	Total Tx Band Edge Level (dBm)	Limit (dB)	Margin (dB)
Non HT20, 6 to 54 Mbps	1	13	-43.5		-30.2	-27	3.24
Non HT20, 6 to 54 Mbps	2	13	-46.1	-46.9	-30.2	-27	3.22
Non HT20 Beam Forming, 6 to 54 Mbps	2	13	-46.1	-46.9	-30.2	-27	3.22
HT/VHT20, M0 to M7	1	13	-45.6		-32.2	-27	5.24
HT/VHT20, M0 to M7	2	13	-45.1	-47.3	-29.7	-27	2.69
HT/VHT20, M8 to M15	2	13	-45.1	-47.3	-29.7	-27	2.69
HT/VHT20 Beam Forming, M0 to M7	2	13	-45.1	-47.3	-29.7	-27	2.69
HT/VHT20 Beam Forming, M8 to M15	2	13	-45.1	-47.3	-29.7	-27	2.69
HT/VHT20 STBC, M8 to M15	2	13	-45.1	-47.3	-29.7	-27	2.69
HE20, M0 to M11 1ss	1	13	-44.2		-30.9	-27	3.92
HE20, M0 to M11 1ss	2	13	-46.4	-46.8	-30.3	-27	3.3
HE20, M0 to M11 2ss	2	13	-46.4	-46.8	-30.3	-27	3.3
HE20 Beam Forming, M0 to M11 1ss	2	13	-46.4	-46.8	-30.3	-27	3.3
HE20 Beam Forming, M0 to M11 2ss	2	13	-46.4	-46.8	-30.3	-27	3.3
HE20 STBC, M0 to M11 2ss	2	13	-46.4	-46.8	-30.3	-27	3.3

Frequency 5190 MHz

Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 Band Edge Level (dBm)	Tx 2 Band Edge Level (dBm)	Total Tx Band Edge Level (dBm)	Limit (dB)	Margin (dB)
Non HT40, 6 to 54 Mbps	1	13	-43.8		-30.6	-27	3.63
Non HT40, 6 to 54 Mbps	2	13	-47.9	-48.6	-32.1	-27	5.06
HT/VHT40, M0 to M7	1	13	-45.4		-32.1	-27	5.1
HT/VHT40, M0 to M7	2	13	-48.5	-49.1	-32.5	-27	5.48
HT/VHT40, M8 to M15	2	13	-48.5	-49.1	-32.5	-27	5.48
HT/VHT40 Beam Forming, M0 to M7	2	13	-48.5	-49.1	-32.5	-27	5.48
HT/VHT40 Beam Forming, M8 to M15	2	13	-48.5	-49.1	-32.5	-27	5.48
HT/VHT40 STBC, M8 to M15	2	13	-48.5	-49.1	-32.5	-27	5.48
HE40, M0 to M11 1ss	1	13	-44.0		-30.7	-27	3.73
HE40, M0 to M11 1ss	2	13	-47.7	-47.8	-31.5	-27	4.47
HE40, M0 to M11 2ss	2	13	-47.7	-47.8	-31.5	-27	4.47
HE40 Beam Forming, M0 to M11 1ss	2	13	-47.7	-47.8	-31.5	-27	4.47
HE40 Beam Forming, M0 to M11 2ss	2	13	-47.7	-47.8	-31.5	-27	4.47
HE40 STBC, M0 to M11 2ss	2	13	-47.7	-47.8	-31.5	-27	4.47

Frequency 5210 MHz

Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 Band Edge Level (dBm)	Tx 2 Band Edge Level (dBm)	Total Tx Band Edge Level (dBm)	Limit (dB)	Margin (dB)
Non HT80, 6 to 54 Mbps	1	13	-46.3		-32.9	-27	5.92
Non HT80, 6 to 54 Mbps	2	13	-48.8	-47.7	-31.8	-27	4.82
VHT80, M0 to M11 1ss	1	13	-44.2		-30.9	-27	3.87
VHT80, M0 to M11 1ss	2	13	-48.2	-46.9	-31.2	-27	4.16
VHT80, M0 to M11 2ss	2	13	-48.2	-46.9	-31.2	-27	4.16
VHT80 Beam Forming, M0 to M11 1ss	2	13	-48.2	-46.9	-31.2	-27	4.16
VHT80 Beam Forming, M0 to M11 2ss	2	13	-48.2	-46.9	-31.2	-27	4.16
VHT80 STBC, M0 to M11 2ss	2	13	-48.2	-46.9	-31.2	-27	4.16
HE80, M0 to M11 1ss	1	13	-45.4		-32.1	-27	5.11
HE80, M0 to M11 1ss	2	13	-48.8	-47.6	-31.9	-27	4.86
HE80, M0 to M11 2ss	2	13	-48.8	-47.6	-31.9	-27	4.86
HE80 Beam Forming, M0 to M11 1ss	2	13	-48.8	-47.6	-31.9	-27	4.86
HE80 Beam Forming, M0 to M11 2ss	2	13	-48.8	-47.6	-31.9	-27	4.86
HE80 STBC, M0 to M11 2ss	2	13	-48.8	-47.6	-31.9	-27	4.86