A.4: Power Spectral Density

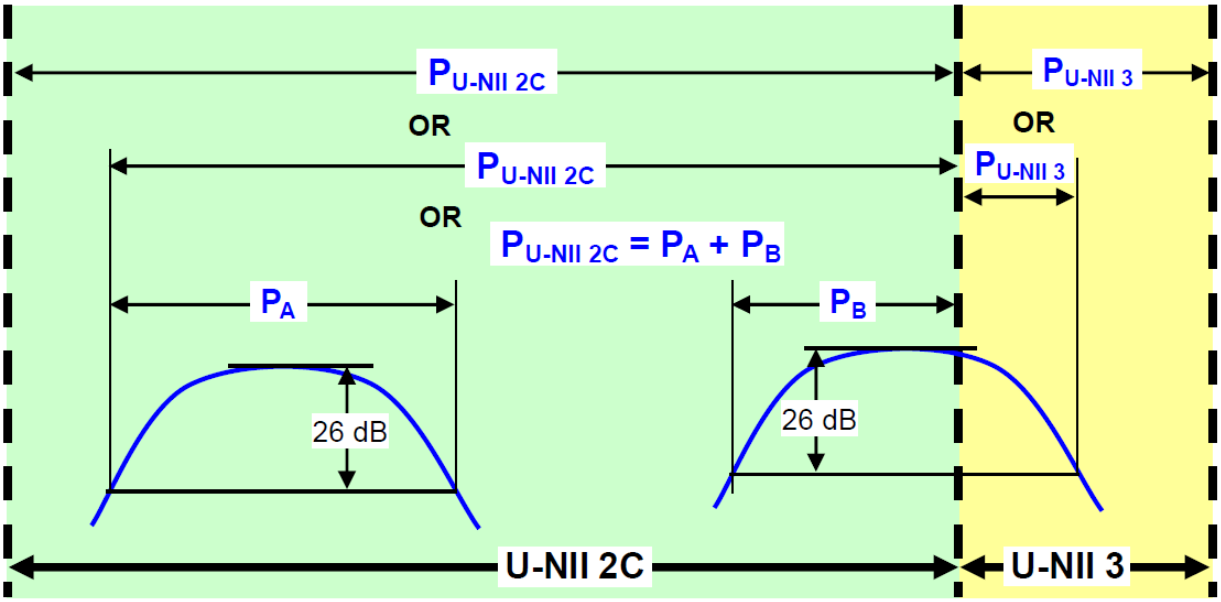
Power Spectral Density Test Requirement

15.407:

(2) For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in megahertz. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

Band-Crossing Signals:

When measuring the portion of the maximum conducted output power within a single U-NII band, the power shall be integrated across only the portion of the EBW that falls within that band. That is, if an EBW extends across the boundary between two adjacent bands, the boundary frequency between the bands serves as one edge of the frequency range to be integrated. Integration across an entire U-NII band without regard to 26 dB points is also acceptable for determining conducted output power within that band.



Conducted output power within a U-NII band: Integrate over the band or integrate over a span including the 26 dB EBWs of transmission segments within the band or integrate over 26 dB EBW of each transmission segment in the band and sum.

Figure 4. Conducted Output Power Measurement Examples

Power Spectral Density Test Procedure

ANSI C63.10: 2013 Peak Power Spectral Density 12.5, 12.3.2.4 Method SA-2
Ref. KDB 789033 D02 General UNII Test Procedures New Rules v02r01, F. Maximum Power Spectral Density

Power Spectral Density Test Procedure
The rules requires "maximum power spectral density" measurements where the intent is to measure the maximum value of the time average of the power spectral density measured during a period of continuous transmission. 1. Create an average power spectrum for the EUT operating mode being tested by following the instructions in section II.E.2. for measuring maximum conducted output power using a spectrum analyzer or EMI receiver: select the appropriate test method (SA-1, SA-2, SA-3, or alternatives to each) and apply it up to, but not including, the step labeled, "Compute power…". (This procedure is required even if the maximum conducted output power measurement was performed using a power meter, method PM.) 2. Use the peak search function on the instrument to find the peak of the spectrum and record its value. 3. Make the following adjustments to the peak value of the spectrum, if applicable: a) If Method SA-2 or SA-2 Alternative was used, add 10 log(1/x), where x is the duty cycle, to the peak of the spectrum. b) If Method SA-3 Alternative was used and the linear mode was used in step II.E.2.g)(viii), add 1 dB to the final result to compensate for the difference between linear averaging and power averaging. 4. The result is the Maximum PSD over 1 MHz reference bandwidth.

ANSI C63.10: 2013 Peak Power Spectral Density 12.5, 12.3.2.4 Method SA-2
Ref. KDB 789033 D02 General UNII Test Procedures New Rules v02r01, F. Maximum Power Spectral Density

Power Spectral Density Test parameters
Method SA-2 (trace averaging across on and off times of the EUT transmissions, followed by duty cycle correction). (i) Measure the duty cycle, x, of the transmitter output signal as described in section II.B. (ii) Set span to encompass the EBW (or, alternatively, the entire 99% occupied bandwidth) of the signal. (iii) Set RBW = 1 MHz. (iv) Set VBW ≥ 3 MHz. (v) Number of points in sweep ≥ 2 Span / RBW. (This ensures that bin-to-bin spacing is ≤ RBW/2, so that narrowband signals are not lost between frequency bins.) (vi) Sweep time = auto. (vii) Detector = RMS (i.e., power averaging), if available. Otherwise, use sample detector mode. (viii) Do not use sweep triggering. Allow the sweep to "free run". (ix) Trace average at least 100 traces in power averaging (i.e., RMS) mode; however, the number of traces to be averaged shall be increased above 100 as needed to ensure that the average accurately represents the true average over the on and off periods of the transmitter. (x) Compute power by integrating the spectrum across the EBW (or, alternatively, the entire 99% occupied bandwidth) of the signal using the instrument's band power measurement function with band limits set equal to the EBW (or occupied bandwidth) **F. Maximum Power Spectral Density (PSD)** 2. Use the peak search function on the instrument to find the peak of the spectrum and record its value. 3. Make the following adjustments to the peak value of the spectrum, if applicable: a) If Method SA-2 or SA-2 Alternative was used, add 10 log(1/x), where x is the duty cycle, to the peak of the spectrum.

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. ANSI C63.10 section 14.3.2.2.

Tested By: Ronak Patel	**Date of testing:** 11/1/2022 - 2/10/2023
Test Result: PASS	

Test Equipment
See Appendix C for list of test equipment.

Power Spectral Density EIRP – Antenna gain 15dBi.

Frequency 5500 MHz

Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 PSD (dBm/MHz)	Tx 2 PSD (dBm/MHz)	Duty Cycle (dB)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)
Non HT20, 6 to 54 Mbps	1	3	9.8		0.41	13.2	17	3.77
Non HT20, 6 to 54 Mbps	2	6	7.1	6.9	0.41	16.4	17	0.56
Non HT20 Beam Forming, 6 to 54 Mbps	2	6	7.1	6.9	0.41	16.4	17	0.56
HT/VHT20, M0 to M7	1	3	9.0		0.22	12.2	17	4.75
HT/VHT20, M0 to M7	2	6	7.3	7.2	0.22	16.5	17	0.54
HT/VHT20, M8 to M15	2	3	7.3	7.2	0.22	13.5	17	3.54
HT/VHT20 Beam Forming, M0 to M7	2	6	7.3	7.2	0.22	16.5	17	0.54
HT/VHT20 Beam Forming, M8 to M15	2	3	7.3	7.2	0.22	13.5	17	3.54
HT/VHT20 STBC, M8 to M15	2	3	7.3	7.2	0.22	13.5	17	3.54
HE20, M0 to M11 1ss	1	3	9.3		0.22	12.5	17	4.47
HE20, M0 to M11 1ss	2	6	7.5	7.2	0.22	16.6	17	0.38
HE20, M0 to M11 2ss	2	3	7.5	7.2	0.22	13.6	17	3.38
HE20 Beam Forming, M0 to M11 1ss	2	6	7.5	7.2	0.22	16.6	17	0.38
HE20 Beam Forming, M0 to M11 2ss	2	3	7.5	7.2	0.22	13.6	17	3.38
HE20 STBC, M0 to M11 2ss	2	3	7.5	7.2	0.22	13.6	17	3.38

Frequency 5510 MHz

Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 PSD (dBm/MHz)	Tx 2 PSD (dBm/MHz)	Duty Cycle (dB)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)
Non HT40, 6 to 54 Mbps	1	3	4.6		0.33	7.9	17	9.08
Non HT40, 6 to 54 Mbps	2	6	3.5	3.4	0.33	12.8	17	4.22
HT/VHT40, M0 to M7	1	3	4.0		0.55	7.6	17	9.42
HT/VHT40, M0 to M7	2	6	4.0	4.1	0.55	13.6	17	3.37
HT/VHT40, M8 to M15	2	3	4.0	4.1	0.55	10.6	17	6.37
HT/VHT40 Beam Forming, M0 to M7	2	6	2.0	1.9	0.55	11.5	17	5.52
HT/VHT40 Beam Forming, M8 to M15	2	3	4.0	4.1	0.55	10.6	17	6.37
HT/VHT40 STBC, M8 to M15	2	3	4.0	4.1	0.55	10.6	17	6.37
HE40, M0 to M11 1ss	1	3	4.9		0.24	8.2	17	8.85
HE40, M0 to M11 1ss	2	6	3.8	4.0	0.24	13.1	17	3.85
HE40, M0 to M11 2ss	2	3	3.8	4.0	0.24	10.1	17	6.85
HE40 Beam Forming, M0 to M11 1ss	2	6	1.6	1.4	0.24	10.8	17	6.25
HE40 Beam Forming, M0 to M11 2ss	2	3	3.8	4.0	0.24	10.1	17	6.85
HE40 STBC, M0 to M11 2ss	2	3	3.8	4.0	0.24	10.1	17	6.85

Frequency 5530 MHz

Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 PSD (dBm/MHz)	Tx 2 PSD (dBm/MHz)	Duty Cycle (dB)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)
Non HT80, 6 to 54 Mbps	1	3	2.0		0.33	5.4	17	11.64
Non HT80, 6 to 54 Mbps	2	6	0.9	0.7	0.33	10.2	17	6.84
VHT80, M0 to M11 1ss	1	3	0.1		0.55	3.7	17	13.31
VHT80, M0 to M11 1ss	2	6	-0.8	-0.9	0.55	8.7	17	8.27
VHT80, M0 to M11 2ss	2	3	-0.8	-0.9	0.55	5.7	17	11.27
VHT80 Beam Forming, M0 to M11 1ss	2	6	-1.8	-1.9	0.55	7.7	17	9.3
VHT80 Beam Forming, M0 to M11 2ss	2	3	-0.8	-0.9	0.55	5.7	17	11.27
VHT80 STBC, M0 to M11 2ss	2	3	-0.8	-0.9	0.55	5.7	17	11.27
HE80, M0 to M11 1ss	1	3	0.5		0.22	3.8	17	13.24
HE80, M0 to M11 1ss	2	6	-0.9	-0.9	0.22	8.3	17	8.67
HE80, M0 to M11 2ss	2	3	-0.9	-0.9	0.22	5.3	17	11.67
HE80 Beam Forming, M0 to M11 1ss	2	6	-1.8	-1.9	0.22	7.4	17	9.61
HE80 Beam Forming, M0 to M11 2ss	2	3	-0.9	-0.9	0.22	5.3	17	11.67
HE80 STBC, M0 to M11 2ss	2	3	-0.9	-0.9	0.22	5.3	17	11.67

Frequency 5550 MHz

Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 PSD (dBm/MHz)	Tx 2 PSD (dBm/MHz)	Duty Cycle (dB)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)
Non HT40, 6 to 54 Mbps	1	3	6.9		0.33	10.2	17	6.81
Non HT40, 6 to 54 Mbps	2	6	6.9	6.9	0.33	16.2	17	0.79
HT/VHT40, M0 to M7	1	3	7.1		0.55	10.6	17	6.37
HT/VHT40, M0 to M7	2	6	6.1	6.2	0.55	15.7	17	1.31
HT/VHT40, M8 to M15	2	3	6.1	6.2	0.55	12.7	17	4.31
HT/VHT40 Beam Forming, M0 to M7	2	6	6.1	6.2	0.55	15.7	17	1.31
HT/VHT40 Beam Forming, M8 to M15	2	3	6.1	6.2	0.55	12.7	17	4.31
HT/VHT40 STBC, M8 to M15	2	3	6.1	6.2	0.55	12.7	17	4.31
HE40, M0 to M11 1ss	1	3	7.1		0.24	10.4	17	6.64
HE40, M0 to M11 1ss	2	6	7.1	7.0	0.24	16.3	17	0.68
HE40, M0 to M11 2ss	2	3	7.1	7.0	0.24	13.3	17	3.68
HE40 Beam Forming, M0 to M11 1ss	2	6	7.1	7.0	0.24	16.3	17	0.68
HE40 Beam Forming, M0 to M11 2ss	2	3	7.1	7.0	0.24	13.3	17	3.68
HE40 STBC, M0 to M11 2ss	2	3	7.1	7.0	0.24	13.3	17	3.68

Frequency 5610 MHz

Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 PSD (dBm/MHz)	Tx 2 PSD (dBm/MHz)	Duty Cycle (dB)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)
Non HT80, 6 to 54 Mbps	1	3	3.9		0.33	7.2	17	9.81
Non HT80, 6 to 54 Mbps	2	6	3.9	4.4	0.33	13.5	17	3.51
VHT80, M0 to M11 1ss	1	3	3.2		0.55	6.8	17	10.25
VHT80, M0 to M11 1ss	2	6	3.2	3.8	0.55	13.1	17	3.91
VHT80, M0 to M11 2ss	2	3	3.2	3.8	0.55	10.1	17	6.91
VHT80 Beam Forming, M0 to M11 1ss	2	6	2.9	2.8	0.55	12.4	17	4.57
VHT80 Beam Forming, M0 to M11 2ss	2	3	3.2	3.8	0.55	10.1	17	6.91
VHT80 STBC, M0 to M11 2ss	2	3	3.2	3.8	0.55	10.1	17	6.91
HE80, M0 to M11 1ss	1	3	3.0		0.22	6.2	17	10.8
HE80, M0 to M11 1ss	2	6	3.0	3.8	0.22	12.7	17	4.34
HE80, M0 to M11 2ss	2	3	3.0	3.8	0.22	9.7	17	7.34
HE80 Beam Forming, M0 to M11 1ss	2	6	2.5	2.7	0.22	11.9	17	5.14
HE80 Beam Forming, M0 to M11 2ss	2	3	3.0	3.8	0.22	9.7	17	7.34
HE80 STBC, M0 to M11 2ss	2	3	3.0	3.8	0.22	9.7	17	7.34

Frequency 5670 MHz

Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 PSD (dBm/MHz)	Tx 2 PSD (dBm/MHz)	Duty Cycle (dB)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)
Non HT40, 6 to 54 Mbps	1	3	6.0		0.33	9.3	17	7.67
Non HT40, 6 to 54 Mbps	2	6	4.7	4.4	0.33	13.9	17	3.09
HT/VHT40, M0 to M7	1	3	7.3		0.55	10.8	17	6.18
HT/VHT40, M0 to M7	2	6	6.6	6.0	0.55	15.9	17	1.13
HT/VHT40, M8 to M15	2	3	6.6	6.0	0.55	12.9	17	4.13
HT/VHT40 Beam Forming, M0 to M7	2	6	6.6	6.0	0.55	15.9	17	1.13
HT/VHT40 Beam Forming, M8 to M15	2	3	6.6	6.0	0.55	12.9	17	4.13
HT/VHT40 STBC, M8 to M15	2	3	6.6	6.0	0.55	12.9	17	4.13
HE40, M0 to M11 1ss	1	3	7.1		0.24	10.3	17	6.67
HE40, M0 to M11 1ss	2	6	6.0	5.9	0.24	15.2	17	1.81
HE40, M0 to M11 2ss	2	3	6.0	5.9	0.24	12.2	17	4.81
HE40 Beam Forming, M0 to M11 1ss	2	6	6.0	5.9	0.24	15.2	17	1.81
HE40 Beam Forming, M0 to M11 2ss	2	3	6.0	5.9	0.24	12.2	17	4.81
HE40 STBC, M0 to M11 2ss	2	3	6.0	5.9	0.24	12.2	17	4.81

Frequency 5690 MHz

Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 PSD (dBm/MHz)	Tx 2 PSD (dBm/MHz)	Duty Cycle (dB)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)
Non HT80, 6 to 54 Mbps	1	3	5.0		0.33	8.3	17	8.71
Non HT80, 6 to 54 Mbps	2	6	5.0	4.5	0.33	14.1	17	2.91
VHT80, M0 to M11 1ss	1	3	4.3		0.55	7.8	17	9.17
VHT80, M0 to M11 1ss	2	6	2.9	2.8	0.55	12.4	17	4.6
VHT80, M0 to M11 2ss	2	3	2.9	2.8	0.55	9.4	17	7.6
VHT80 Beam Forming, M0 to M11 1ss	2	6	2.9	2.8	0.55	12.4	17	4.6
VHT80 Beam Forming, M0 to M11 2ss	2	3	2.9	2.8	0.55	9.4	17	7.6
VHT80 STBC, M0 to M11 2ss	2	3	2.9	2.8	0.55	9.4	17	7.6
HE80, M0 to M11 1ss	1	3	4.3		0.22	7.5	17	9.45
HE80, M0 to M11 1ss	2	6	3.2	2.9	0.22	12.3	17	4.73
HE80, M0 to M11 2ss	2	3	3.2	2.9	0.22	9.3	17	7.73
HE80 Beam Forming, M0 to M11 1ss	2	6	3.2	2.9	0.22	12.3	17	4.73
HE80 Beam Forming, M0 to M11 2ss	2	3	3.2	2.9	0.22	9.3	17	7.73
HE80 STBC, M0 to M11 2ss	2	3	3.2	2.9	0.22	9.3	17	7.73

Frequency 5700 MHz

Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 PSD (dBm/MHz)	Tx 2 PSD (dBm/MHz)	Duty Cycle (dB)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)
Non HT20, 6 to 54 Mbps	1	3	10.4		0.41	13.8	17	3.15
Non HT20, 6 to 54 Mbps	2	6	7.4	7.1	0.41	16.6	17	0.36
Non HT20 Beam Forming, 6 to 54 Mbps	2	6	7.4	7.1	0.41	16.6	17	0.36
HT/VHT20, M0 to M7	1	3	9.8		0.22	13.0	17	4.03
HT/VHT20, M0 to M7	**2**	**6**	**7.8**	**7.6**	**0.22**	**16.9**	**17**	**0.06**
HT/VHT20, M8 to M15	2	3	7.8	7.6	0.22	13.9	17	3.06
HT/VHT20 Beam Forming, M0 to M7	2	6	7.8	7.6	0.22	16.9	17	0.06
HT/VHT20 Beam Forming, M8 to M15	2	3	7.8	7.6	0.22	13.9	17	3.06
HT/VHT20 STBC, M8 to M15	2	3	7.8	7.6	0.22	13.9	17	3.06
HE20, M0 to M11 1ss	1	3	9.5		0.22	12.7	17	4.3
HE20, M0 to M11 1ss	2	6	7.6	7.4	0.22	16.7	17	0.26
HE20, M0 to M11 2ss	2	3	7.6	7.4	0.22	13.7	17	3.26
HE20 Beam Forming, M0 to M11 1ss	2	6	7.6	7.4	0.22	16.7	17	0.26
HE20 Beam Forming, M0 to M11 2ss	2	3	7.6	7.4	0.22	13.7	17	3.26
HE20 STBC, M0 to M11 2ss	2	3	7.6	7.4	0.22	13.7	17	3.26

Frequency 5710 MHz

Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 PSD (dBm/MHz)	Tx 2 PSD (dBm/MHz)	Duty Cycle (dB)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)
Non HT40, 6 to 54 Mbps	1	3	6.8		0.33	10.1	17	6.87
Non HT40, 6 to 54 Mbps	2	6	6.8	6.8	0.33	16.2	17	0.84
HT/VHT40, M0 to M7	1	3	7.3		0.55	10.8	17	6.19
HT/VHT40, M0 to M7	2	6	6.4	6.7	0.55	16.1	17	0.91
HT/VHT40, M8 to M15	2	3	6.4	6.7	0.55	13.1	17	3.91
HT/VHT40 Beam Forming, M0 to M7	2	6	6.4	6.7	0.55	16.1	17	0.91
HT/VHT40 Beam Forming, M8 to M15	2	3	6.4	6.7	0.55	13.1	17	3.91
HT/VHT40 STBC, M8 to M15	2	3	6.4	6.7	0.55	13.1	17	3.91
HE40, M0 to M11 1ss	1	3	7.2		0.24	10.5	17	6.55
HE40, M0 to M11 1ss	2	6	6.1	6.2	0.24	15.4	17	1.62
HE40, M0 to M11 2ss	2	3	6.1	6.2	0.24	12.4	17	4.62
HE40 Beam Forming, M0 to M11 1ss	2	6	6.1	6.2	0.24	15.4	17	1.62
HE40 Beam Forming, M0 to M11 2ss	2	3	6.1	6.2	0.24	12.4	17	4.62
HE40 STBC, M0 to M11 2ss	2	3	6.1	6.2	0.24	12.4	17	4.62

Frequency 5720 MHz

Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 PSD (dBm/MHz)	Tx 2 PSD (dBm/MHz)	Duty Cycle (dB)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)
Non HT20, 6 to 54 Mbps	1	3	10.3		0.41	13.7	17	3.33
Non HT20, 6 to 54 Mbps	2	6	7.1	7.4	0.41	16.7	17	0.33
Non HT20 Beam Forming, 6 to 54 Mbps	2	6	7.1	7.4	0.41	16.7	17	0.33
HT/VHT20, M0 to M7	1	3	9.5		0.22	12.7	17	4.33
HT/VHT20, M0 to M7	**2**	**6**	**7.8**	**7.7**	**0.22**	**17.0**	**17**	**0.04**
HT/VHT20, M8 to M15	2	3	7.8	7.7	0.22	14.0	17	3.04
HT/VHT20 Beam Forming, M0 to M7	**2**	**6**	**7.8**	**7.7**	**0.22**	**17.0**	**17**	**0.04**
HT/VHT20 Beam Forming, M8 to M15	2	3	7.8	7.7	0.22	14.0	17	3.04
HT/VHT20 STBC, M8 to M15	2	3	7.8	7.7	0.22	14.0	17	3.04
HE20, M0 to M11 1ss	1	3	9.5		0.22	12.7	17	4.26
HE20, M0 to M11 1ss	2	6	7.5	7.5	0.22	16.8	17	0.23
HE20, M0 to M11 2ss	2	3	7.5	7.5	0.22	13.8	17	3.23
HE20 Beam Forming, M0 to M11 1ss	2	6	7.5	7.5	0.22	16.8	17	0.23
HE20 Beam Forming, M0 to M11 2ss	2	3	7.5	7.5	0.22	13.8	17	3.23
HE20 STBC, M0 to M11 2ss	2	3	7.5	7.5	0.22	13.8	17	3.23

Power Spectral Density EIRP – Antenna gain 8dBi.

Frequency 5500 MHz

Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 PSD (dBm/MHz)	Tx 2 PSD (dBm/MHz)	Duty Cycle (dB)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)
Non HT20, 6 to 54 Mbps	1	8	8.1		0.41	16.6	17	0.45
Non HT20, 6 to 54 Mbps	2	11	1.5	2.1	0.41	16.2	17	0.76
Non HT20 Beam Forming, 6 to 54 Mbps	2	11	1.5	2.1	0.41	16.2	17	0.76
HT/VHT20, M0 to M7	1	8	8.0		0.22	16.3	17	0.74
HT/VHT20, M0 to M7	2	11	2.0	2.4	0.22	16.4	17	0.58
HT/VHT20, M8 to M15	2	8	5.6	5.5	0.22	16.8	17	0.21
HT/VHT20 Beam Forming, M0 to M7	2	11	2.0	2.4	0.22	16.4	17	0.58
HT/VHT20 Beam Forming, M8 to M15	2	8	5.6	5.5	0.22	16.8	17	0.21
HT/VHT20 STBC, M8 to M15	2	8	5.6	5.5	0.22	16.8	17	0.21
HE20, M0 to M11 1ss	1	8	8.3		0.22	16.5	17	0.48
HE20, M0 to M11 1ss	2	11	2.2	2.5	0.22	16.6	17	0.4
HE20, M0 to M11 2ss	2	8	5.4	5.6	0.22	16.7	17	0.3
HE20 Beam Forming, M0 to M11 1ss	2	11	2.2	2.5	0.22	16.6	17	0.4
HE20 Beam Forming, M0 to M11 2ss	2	8	5.4	5.6	0.22	16.7	17	0.3
HE20 STBC, M0 to M11 2ss	2	8	5.4	5.6	0.22	16.7	17	0.3

Frequency 5510 MHz

Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 PSD (dBm/MHz)	Tx 2 PSD (dBm/MHz)	Duty Cycle (dB)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)
Non HT40, 6 to 54 Mbps	1	8	3.5		0.33	11.8	17	5.16
Non HT40, 6 to 54 Mbps	2	11	2.8	1.8	0.33	16.7	17	0.32
HT/VHT40, M0 to M7	1	8	2.0		0.55	10.5	17	6.48
HT/VHT40, M0 to M7	2	11	0.9	0.8	0.55	15.4	17	1.58
HT/VHT40, M8 to M15	2	8	0.9	0.8	0.55	12.4	17	4.58
HT/VHT40 Beam Forming, M0 to M7	2	11	-0.7	-1.0	0.55	13.7	17	3.31
HT/VHT40 Beam Forming, M8 to M15	2	8	0.9	0.8	0.55	12.4	17	4.58
HT/VHT40 STBC, M8 to M15	2	8	0.9	0.8	0.55	12.4	17	4.58
HE40, M0 to M11 1ss	1	8	1.6		0.24	9.8	17	7.15
HE40, M0 to M11 1ss	2	11	0.3	0.8	0.24	14.8	17	2.18
HE40, M0 to M11 2ss	2	8	0.3	0.8	0.24	11.8	17	5.18
HE40 Beam Forming, M0 to M11 1ss	2	11	-1.3	-1.2	0.24	13.0	17	3.99
HE40 Beam Forming, M0 to M11 2ss	2	8	0.3	0.8	0.24	11.8	17	5.18
HE40 STBC, M0 to M11 2ss	2	8	0.3	0.8	0.24	11.8	17	5.18

Frequency 5530 MHz

Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 PSD (dBm/MHz)	Tx 2 PSD (dBm/MHz)	Duty Cycle (dB)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)
Non HT80, 6 to 54 Mbps	1	8	-0.2		0.33	8.1	17	8.92
Non HT80, 6 to 54 Mbps	2	11	-2.0	-2.2	0.33	12.2	17	4.79
VHT80, M0 to M11 1ss	1	8	-1.8		0.55	6.7	17	10.28
VHT80, M0 to M11 1ss	2	11	-4.0	-3.7	0.55	10.7	17	6.25
VHT80, M0 to M11 2ss	2	8	-4.0	-3.7	0.55	7.7	17	9.25
VHT80 Beam Forming, M0 to M11 1ss	2	11	-5.8	-5.7	0.55	8.8	17	8.18
VHT80 Beam Forming, M0 to M11 2ss	2	8	-4.0	-3.7	0.55	7.7	17	9.25
VHT80 STBC, M0 to M11 2ss	2	8	-4.0	-3.7	0.55	7.7	17	9.25
HE80, M0 to M11 1ss	1	8	-1.8		0.22	6.4	17	10.59
HE80, M0 to M11 1ss	2	11	-2.7	-3.0	0.22	11.4	17	5.58
HE80, M0 to M11 2ss	2	8	-2.7	-3.0	0.22	8.4	17	8.58
HE80 Beam Forming, M0 to M11 1ss	2	11	-4.9	-5.2	0.22	9.2	17	7.83
HE80 Beam Forming, M0 to M11 2ss	2	8	-2.7	-3.0	0.22	8.4	17	8.58
HE80 STBC, M0 to M11 2ss	2	8	-2.7	-3.0	0.22	8.4	17	8.58

Frequency 5550 MHz

Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 PSD (dBm/MHz)	Tx 2 PSD (dBm/MHz)	Duty Cycle (dB)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)
Non HT40, 6 to 54 Mbps	1	8	6.9		0.33	15.2	17	1.81
Non HT40, 6 to 54 Mbps	2	11	2.5	2.7	0.33	17.0	17	0.05
HT/VHT40, M0 to M7	1	8	7.1		0.55	15.6	17	1.37
HT/VHT40, M0 to M7	2	11	2.1	2.3	0.55	16.7	17	0.25
HT/VHT40, M8 to M15	2	8	4.7	4.4	0.55	16.1	17	0.92
HT/VHT40 Beam Forming, M0 to M7	2	11	1.2	1.3	0.55	15.8	17	1.19
HT/VHT40 Beam Forming, M8 to M15	2	8	4.7	4.4	0.55	16.1	17	0.92
HT/VHT40 STBC, M8 to M15	2	8	4.7	4.4	0.55	16.1	17	0.92
HE40, M0 to M11 1ss	1	8	7.1		0.24	15.4	17	1.64
HE40, M0 to M11 1ss	2	11	2.0	2.1	0.24	16.3	17	0.71
HE40, M0 to M11 2ss	2	8	5.0	5.1	0.24	16.3	17	0.71
HE40 Beam Forming, M0 to M11 1ss	2	11	2.0	2.1	0.24	16.3	17	0.71
HE40 Beam Forming, M0 to M11 2ss	2	8	5.0	5.1	0.24	16.3	17	0.71
HE40 STBC, M0 to M11 2ss	2	8	5.0	5.1	0.24	16.3	17	0.71

Frequency 5610 MHz

Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 PSD (dBm/MHz)	Tx 2 PSD (dBm/MHz)	Duty Cycle (dB)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)
Non HT80, 6 to 54 Mbps	1	8	3.9		0.33	12.2	17	4.81
Non HT80, 6 to 54 Mbps	2	11	2.2	2.3	0.33	16.6	17	0.39
VHT80, M0 to M11 1ss	1	8	3.2		0.55	11.8	17	5.25
VHT80, M0 to M11 1ss	2	11	1.8	1.5	0.55	16.3	17	0.75
VHT80, M0 to M11 2ss	2	8	1.8	1.5	0.55	13.3	17	3.75
VHT80 Beam Forming, M0 to M11 1ss	2	11	-1.8	-1.5	0.55	12.9	17	4.07
VHT80 Beam Forming, M0 to M11 2ss	2	8	1.8	1.5	0.55	13.3	17	3.75
VHT80 STBC, M0 to M11 2ss	2	8	1.8	1.5	0.55	13.3	17	3.75
HE80, M0 to M11 1ss	1	8	3.0		0.22	11.2	17	5.8
HE80, M0 to M11 1ss	2	11	1.8	1.6	0.22	15.9	17	1.08
HE80, M0 to M11 2ss	2	8	1.8	1.6	0.22	12.9	17	4.08
HE80 Beam Forming, M0 to M11 1ss	2	11	-1.9	-1.4	0.22	12.6	17	4.4
HE80 Beam Forming, M0 to M11 2ss	2	8	1.8	1.6	0.22	12.9	17	4.08
HE80 STBC, M0 to M11 2ss	2	8	1.8	1.6	0.22	12.9	17	4.08

Frequency 5670 MHz

Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 PSD (dBm/MHz)	Tx 2 PSD (dBm/MHz)	Duty Cycle (dB)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)
Non HT40, 6 to 54 Mbps	1	8	4.7		0.33	13.0	17	3.97
Non HT40, 6 to 54 Mbps	2	11	1.5	1.3	0.33	15.7	17	1.27
HT/VHT40, M0 to M7	1	8	6.6		0.55	15.2	17	1.82
HT/VHT40, M0 to M7	2	11	2.1	1.9	0.55	16.6	17	0.45
HT/VHT40, M8 to M15	2	8	4.5	4.4	0.55	16.0	17	0.98
HT/VHT40 Beam Forming, M0 to M7	2	11	1.2	0.7	0.55	15.5	17	1.48
HT/VHT40 Beam Forming, M8 to M15	2	8	4.5	4.4	0.55	16.0	17	0.98
HT/VHT40 STBC, M8 to M15	2	8	4.5	4.4	0.55	16.0	17	0.98
HE40, M0 to M11 1ss	1	8	6.0		0.24	14.2	17	2.78
HE40, M0 to M11 1ss	2	11	1.9	1.5	0.24	15.9	17	1.06
HE40, M0 to M11 2ss	2	8	4.1	4.2	0.24	15.4	17	1.64
HE40 Beam Forming, M0 to M11 1ss	2	11	1.9	1.5	0.24	15.9	17	1.06
HE40 Beam Forming, M0 to M11 2ss	2	8	4.1	4.2	0.24	15.4	17	1.64
HE40 STBC, M0 to M11 2ss	2	8	4.1	4.2	0.24	15.4	17	1.64

Frequency 5690 MHz

Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 PSD (dBm/MHz)	Tx 2 PSD (dBm/MHz)	Duty Cycle (dB)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)
Non HT80, 6 to 54 Mbps	1	8	5.0		0.33	13.3	17	3.71
Non HT80, 6 to 54 Mbps	2	11	2.3	1.6	0.33	16.3	17	0.7
VHT80, M0 to M11 1ss	1	8	4.3		0.55	12.8	17	4.17
VHT80, M0 to M11 1ss	2	11	1.7	0.6	0.55	15.7	17	1.26
VHT80, M0 to M11 2ss	2	8	1.7	0.6	0.55	12.7	17	4.26
VHT80 Beam Forming, M0 to M11 1ss	2	11	-1.8	-2.1	0.55	12.6	17	4.41
VHT80 Beam Forming, M0 to M11 2ss	2	8	1.7	0.6	0.55	12.7	17	4.26
VHT80 STBC, M0 to M11 2ss	2	8	1.7	0.6	0.55	12.7	17	4.26
HE80, M0 to M11 1ss	1	8	4.3		0.22	12.5	17	4.45
HE80, M0 to M11 1ss	2	11	1.8	1.0	0.22	15.6	17	1.36
HE80, M0 to M11 2ss	2	8	1.8	1.0	0.22	12.6	17	4.36
HE80 Beam Forming, M0 to M11 1ss	2	11	-1.8	-1.9	0.22	12.4	17	4.6
HE80 Beam Forming, M0 to M11 2ss	2	8	1.8	1.0	0.22	12.6	17	4.36
HE80 STBC, M0 to M11 2ss	2	8	1.8	1.0	0.22	12.6	17	4.36

Frequency 5700 MHz

Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 PSD (dBm/MHz)	Tx 2 PSD (dBm/MHz)	Duty Cycle (dB)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)
Non HT20, 6 to 54 Mbps	1	8	8.5		0.41	16.9	17	0.13
Non HT20, 6 to 54 Mbps	2	11	2.1	1.9	0.41	16.4	17	0.61
Non HT20 Beam Forming, 6 to 54 Mbps	2	11	2.1	1.9	0.41	16.4	17	0.61
HT/VHT20, M0 to M7	1	8	7.8		0.22	16.0	17	0.98
HT/VHT20, M0 to M7	2	11	2.5	2.5	0.22	16.8	17	0.25
HT/VHT20, M8 to M15	**2**	**8**	**5.9**	**5.6**	**0.22**	**17.0**	**17**	**0.03**
HT/VHT20 Beam Forming, M0 to M7	2	11	2.5	2.5	0.22	16.8	17	0.25
HT/VHT20 Beam Forming, M8 to M15	2	8	5.9	5.6	0.22	17.0	17	0.03
HT/VHT20 STBC, M8 to M15	2	8	5.9	5.6	0.22	17.0	17	0.03
HE20, M0 to M11 1ss	1	8	7.6		0.22	15.8	17	1.21
HE20, M0 to M11 1ss	2	11	2.3	2.3	0.22	16.5	17	0.49
HE20, M0 to M11 2ss	2	8	5.7	5.4	0.22	16.8	17	0.23
HE20 Beam Forming, M0 to M11 1ss	2	11	2.3	2.3	0.22	16.5	17	0.49
HE20 Beam Forming, M0 to M11 2ss	2	8	5.7	5.4	0.22	16.8	17	0.23
HE20 STBC, M0 to M11 2ss	2	8	5.7	5.4	0.22	16.8	17	0.23

Frequency 5710 MHz

Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 PSD (dBm/MHz)	Tx 2 PSD (dBm/MHz)	Duty Cycle (dB)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)
Non HT40, 6 to 54 Mbps	1	8	6.8		0.33	15.1	17	1.87
Non HT40, 6 to 54 Mbps	2	11	2.9	2.3	0.33	17.0	17	0.04
HT/VHT40, M0 to M7	1	8	7.3		0.55	15.8	17	1.19
HT/VHT40, M0 to M7	2	11	1.7	1.5	0.55	16.2	17	0.84
HT/VHT40, M8 to M15	2	8	4.7	4.3	0.55	16.1	17	0.91
HT/VHT40 Beam Forming, M0 to M7	2	11	1.7	1.5	0.55	16.2	17	0.84
HT/VHT40 Beam Forming, M8 to M15	2	8	4.7	4.3	0.55	16.1	17	0.91
HT/VHT40 STBC, M8 to M15	2	8	4.7	4.3	0.55	16.1	17	0.91
HE40, M0 to M11 1ss	1	8	7.2		0.24	15.5	17	1.55
HE40, M0 to M11 1ss	2	11	2.2	2.2	0.24	16.5	17	0.53
HE40, M0 to M11 2ss	2	8	4.1	4.1	0.24	15.4	17	1.63
HE40 Beam Forming, M0 to M11 1ss	2	11	1.0	1.4	0.24	15.5	17	1.54
HE40 Beam Forming, M0 to M11 2ss	2	8	4.1	4.1	0.24	15.4	17	1.63
HE40 STBC, M0 to M11 2ss	2	8	4.1	4.1	0.24	15.4	17	1.63

Frequency 5720 MHz

Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 PSD (dBm/MHz)	Tx 2 PSD (dBm/MHz)	Duty Cycle (dB)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)
Non HT20, 6 to 54 Mbps	1	8	8.1		0.41	16.5	17	0.48
Non HT20, 6 to 54 Mbps	2	11	2.4	2.3	0.41	16.7	17	0.26
Non HT20 Beam Forming, 6 to 54 Mbps	2	11	2.4	2.3	0.41	16.7	17	0.26
HT/VHT20, M0 to M7	1	8	8.4		0.22	16.6	17	0.36
HT/VHT20, M0 to M7	**2**	**11**	**2.8**	**2.7**	**0.22**	**17.0**	**17**	**0.03**
HT/VHT20, M8 to M15	2	8	5.4	5.5	0.22	16.6	17	0.36
HT/VHT20 Beam Forming, M0 to M7	**2**	**11**	**2.8**	**2.7**	**0.22**	**17.0**	**17**	**0.03**
HT/VHT20 Beam Forming, M8 to M15	2	8	5.4	5.5	0.22	16.6	17	0.36
HT/VHT20 STBC, M8 to M15	2	8	5.4	5.5	0.22	16.6	17	0.36
HE20, M0 to M11 1ss	1	8	8.3		0.22	16.5	17	0.49
HE20, M0 to M11 1ss	2	11	2.2	2.4	0.22	16.5	17	0.46
HE20, M0 to M11 2ss	2	8	5.2	5.3	0.22	16.5	17	0.53
HE20 Beam Forming, M0 to M11 1ss	2	11	2.2	2.4	0.22	16.5	17	0.46
HE20 Beam Forming, M0 to M11 2ss	2	8	5.2	5.3	0.22	16.5	17	0.53
HE20 STBC, M0 to M11 2ss	2	8	5.2	5.3	0.22	16.5	17	0.53

Power Spectral Density EIRP – Antenna gain 15dBi.

Frequency 5500 MHz

Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 PSD (dBm/MHz)	Tx 2 PSD (dBm/MHz)	Duty Cycle (dB)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)
Non HT20, 6 to 54 Mbps	**1**	**15**	**1.5**		**0.41**	**16.9**	**17**	**0.06**
Non HT20, 6 to 54 Mbps	2	15	-2.0	-1.9	0.41	16.4	17	0.55
Non HT20 Beam Forming, 6 to 54 Mbps	2	15	-2.0	-1.9	0.41	16.4	17	0.55
HT/VHT20, M0 to M7	1	15	1.0		0.22	16.3	17	0.74
HT/VHT20, M0 to M7	2	15	-2.0	-1.8	0.22	16.3	17	0.71
HT/VHT20, M8 to M15	2	15	-2.0	-1.8	0.22	16.3	17	0.71
HT/VHT20 Beam Forming, M0 to M7	2	15	-2.0	-1.8	0.22	16.3	17	0.71
HT/VHT20 Beam Forming, M8 to M15	2	15	-2.0	-1.8	0.22	16.3	17	0.71
HT/VHT20 STBC, M8 to M15	2	15	-2.0	-1.8	0.22	16.3	17	0.71
HE20, M0 to M11 1ss	1	15	1.1		0.22	16.4	17	0.64
HE20, M0 to M11 1ss	2	15	-2.0	-1.8	0.22	16.3	17	0.67
HE20, M0 to M11 2ss	2	15	-2.0	-1.8	0.22	16.3	17	0.67
HE20 Beam Forming, M0 to M11 1ss	2	15	-2.0	-1.8	0.22	16.3	17	0.67
HE20 Beam Forming, M0 to M11 2ss	2	15	-2.0	-1.8	0.22	16.3	17	0.67
HE20 STBC, M0 to M11 2ss	2	15	-2.0	-1.8	0.22	16.3	17	0.67

Frequency 5510 MHz

Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 PSD (dBm/MHz)	Tx 2 PSD (dBm/MHz)	Duty Cycle (dB)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)
Non HT40, 6 to 54 Mbps	1	15	0.5		0.33	15.8	17	1.18
Non HT40, 6 to 54 Mbps	2	15	-2.7	-2.4	0.33	15.8	17	1.2
HT/VHT40, M0 to M7	1	15	-2.2		0.55	13.4	17	3.6
HT/VHT40, M0 to M7	2	15	-3.7	-4.3	0.55	14.6	17	2.41
HT/VHT40, M8 to M15	2	15	-3.7	-4.3	0.55	14.6	17	2.41
HT/VHT40 Beam Forming, M0 to M7	2	15	-3.7	-4.3	0.55	14.6	17	2.41
HT/VHT40 Beam Forming, M8 to M15	2	15	-3.7	-4.3	0.55	14.6	17	2.41
HT/VHT40 STBC, M8 to M15	2	15	-3.7	-4.3	0.55	14.6	17	2.41
HE40, M0 to M11 1ss	1	15	-2.5		0.24	12.7	17	4.26
HE40, M0 to M11 1ss	2	15	-3.4	-3.3	0.24	14.9	17	2.09
HE40, M0 to M11 2ss	2	15	-3.4	-3.3	0.24	14.9	17	2.09
HE40 Beam Forming, M0 to M11 1ss	2	15	-3.4	-3.3	0.24	14.9	17	2.09
HE40 Beam Forming, M0 to M11 2ss	2	15	-3.4	-3.3	0.24	14.9	17	2.09
HE40 STBC, M0 to M11 2ss	2	15	-3.4	-3.3	0.24	14.9	17	2.09

Frequency 5530 MHz

Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 PSD (dBm/MHz)	Tx 2 PSD (dBm/MHz)	Duty Cycle (dB)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)
Non HT80, 6 to 54 Mbps	1	15	-4.4		0.33	10.9	17	6.06
Non HT80, 6 to 54 Mbps	2	15	-6.4	-6.8	0.33	11.8	17	5.24
VHT80, M0 to M11 1ss	1	15	-5.8		0.55	9.8	17	7.23
VHT80, M0 to M11 1ss	2	15	-7.9	-7.9	0.55	10.6	17	6.36
VHT80, M0 to M11 2ss	2	15	-7.9	-7.9	0.55	10.6	17	6.36
VHT80 Beam Forming, M0 to M11 1ss	2	15	-7.9	-7.9	0.55	10.6	17	6.36
VHT80 Beam Forming, M0 to M11 2ss	2	15	-7.9	-7.9	0.55	10.6	17	6.36
VHT80 STBC, M0 to M11 2ss	2	15	-7.9	-7.9	0.55	10.6	17	6.36
HE80, M0 to M11 1ss	1	15	-5.5		0.22	9.7	17	7.3
HE80, M0 to M11 1ss	2	15	-7.7	-8.0	0.22	10.4	17	6.6
HE80, M0 to M11 2ss	2	15	-7.7	-8.0	0.22	10.4	17	6.6
HE80 Beam Forming, M0 to M11 1ss	2	15	-7.7	-8.0	0.22	10.4	17	6.6
HE80 Beam Forming, M0 to M11 2ss	2	15	-7.7	-8.0	0.22	10.4	17	6.6
HE80 STBC, M0 to M11 2ss	2	15	-7.7	-8.0	0.22	10.4	17	6.6

Frequency 5550 MHz

Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 PSD (dBm/MHz)	Tx 2 PSD (dBm/MHz)	Duty Cycle (dB)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)
Non HT40, 6 to 54 Mbps	1	15	0.7		0.33	16.0	17	0.98
Non HT40, 6 to 54 Mbps	2	15	-2.2	-2.4	0.33	16.1	17	0.93
HT/VHT40, M0 to M7	1	15	0.2		0.55	15.8	17	1.21
HT/VHT40, M0 to M7	2	15	-2.8	-2.8	0.55	15.8	17	1.24
HT/VHT40, M8 to M15	2	15	-2.8	-2.8	0.55	15.8	17	1.24
HT/VHT40 Beam Forming, M0 to M7	2	15	-2.8	-2.8	0.55	15.8	17	1.24
HT/VHT40 Beam Forming, M8 to M15	2	15	-2.8	-2.8	0.55	15.8	17	1.24
HT/VHT40 STBC, M8 to M15	2	15	-2.8	-2.8	0.55	15.8	17	1.24
HE40, M0 to M11 1ss	1	15	0.7		0.24	16.0	17	1.04
HE40, M0 to M11 1ss	2	15	-2.3	-1.9	0.24	16.2	17	0.82
HE40, M0 to M11 2ss	2	15	-2.3	-1.9	0.24	16.2	17	0.82
HE40 Beam Forming, M0 to M11 1ss	2	15	-2.3	-1.9	0.24	16.2	17	0.82
HE40 Beam Forming, M0 to M11 2ss	2	15	-2.3	-1.9	0.24	16.2	17	0.82
HE40 STBC, M0 to M11 2ss	2	15	-2.3	-1.9	0.24	16.2	17	0.82

Frequency 5610 MHz

Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 PSD (dBm/MHz)	Tx 2 PSD (dBm/MHz)	Duty Cycle (dB)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)
Non HT80, 6 to 54 Mbps	1	15	-2.0		0.33	13.3	17	3.68
Non HT80, 6 to 54 Mbps	2	15	-4.3	-3.3	0.33	14.6	17	2.43
VHT80, M0 to M11 1ss	1	15	-3.0		0.55	12.6	17	4.4
VHT80, M0 to M11 1ss	2	15	-6.1	-5.5	0.55	12.8	17	4.24
VHT80, M0 to M11 2ss	2	15	-6.1	-5.5	0.55	12.8	17	4.24
VHT80 Beam Forming, M0 to M11 1ss	2	15	-6.1	-5.5	0.55	12.8	17	4.24
VHT80 Beam Forming, M0 to M11 2ss	2	15	-6.1	-5.5	0.55	12.8	17	4.24
VHT80 STBC, M0 to M11 2ss	2	15	-6.1	-5.5	0.55	12.8	17	4.24
HE80, M0 to M11 1ss	1	15	-2.7		0.22	12.5	17	4.46
HE80, M0 to M11 1ss	2	15	-5.7	-5.7	0.22	12.5	17	4.46
HE80, M0 to M11 2ss	2	15	-5.7	-5.7	0.22	12.5	17	4.46
HE80 Beam Forming, M0 to M11 1ss	2	15	-5.7	-5.7	0.22	12.5	17	4.46
HE80 Beam Forming, M0 to M11 2ss	2	15	-5.7	-5.7	0.22	12.5	17	4.46
HE80 STBC, M0 to M11 2ss	2	15	-5.7	-5.7	0.22	12.5	17	4.46

Frequency 5670 MHz

Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 PSD (dBm/MHz)	Tx 2 PSD (dBm/MHz)	Duty Cycle (dB)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)
Non HT40, 6 to 54 Mbps	1	15	0.7		0.33	16.0	17	1.0
Non HT40, 6 to 54 Mbps	2	15	-2.1	-2.3	0.33	16.1	17	0.9
HT/VHT40, M0 to M7	1	15	0.2		0.55	15.7	17	1.27
HT/VHT40, M0 to M7	2	15	-2.6	-3.1	0.55	15.7	17	1.29
HT/VHT40, M8 to M15	2	15	-2.6	-3.1	0.55	15.7	17	1.29
HT/VHT40 Beam Forming, M0 to M7	2	15	-2.6	-3.1	0.55	15.7	17	1.29
HT/VHT40 Beam Forming, M8 to M15	2	15	-2.6	-3.1	0.55	15.7	17	1.29
HT/VHT40 STBC, M8 to M15	2	15	-2.6	-3.1	0.55	15.7	17	1.29
HE40, M0 to M11 1ss	1	15			0.24	15.2	17	1.81
HE40, M0 to M11 1ss	2	15	-2.6	-3.5	0.24	15.2	17	1.77
HE40, M0 to M11 2ss	2	15	-2.6	-3.5	0.24	15.2	17	1.77
HE40 Beam Forming, M0 to M11 1ss	2	15	-2.6	-3.5	0.24	15.2	17	1.77
HE40 Beam Forming, M0 to M11 2ss	2	15	-2.6	-3.5	0.24	15.2	17	1.77
HE40 STBC, M0 to M11 2ss	2	15	-2.6	-3.5	0.24	15.2	17	1.77

Frequency 5690 MHz

Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 PSD (dBm/MHz)	Tx 2 PSD (dBm/MHz)	Duty Cycle (dB)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)
Non HT80, 6 to 54 Mbps	1	15	-1.0		0.33	14.4	17	2.63
Non HT80, 6 to 54 Mbps	2	15	-4.5	-4.5	0.33	13.9	17	3.12
VHT80, M0 to M11 1ss	1	15	-3.0		0.55	12.6	17	4.44
VHT80, M0 to M11 1ss	2	15	-6.0	-6.3	0.55	12.4	17	4.61
VHT80, M0 to M11 2ss	2	15	-6.0	-6.3	0.55	12.4	17	4.61
VHT80 Beam Forming, M0 to M11 1ss	2	15	-6.0	-6.3	0.55	12.4	17	4.61
VHT80 Beam Forming, M0 to M11 2ss	2	15	-6.0	-6.3	0.55	12.4	17	4.61
VHT80 STBC, M0 to M11 2ss	2	15	-6.0	-6.3	0.55	12.4	17	4.61
HE80, M0 to M11 1ss	1	15	-2.9		0.22	12.3	17	4.7
HE80, M0 to M11 1ss	2	15	-5.9	-6.1	0.22	12.2	17	4.75
HE80, M0 to M11 2ss	2	15	-5.9	-6.1	0.22	12.2	17	4.75
HE80 Beam Forming, M0 to M11 1ss	2	15	-5.9	-6.1	0.22	12.2	17	4.75
HE80 Beam Forming, M0 to M11 2ss	2	15	-5.9	-6.1	0.22	12.2	17	4.75
HE80 STBC, M0 to M11 2ss	2	15	-5.9	-6.1	0.22	12.2	17	4.75

Frequency 5700 MHz

Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 PSD (dBm/MHz)	Tx 2 PSD (dBm/MHz)	Duty Cycle (dB)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)
Non HT20, 6 to 54 Mbps	1	15	1.2		0.41	16.6	17	0.39
Non HT20, 6 to 54 Mbps	2	15	-1.7	-2.1	0.41	16.5	17	0.49
Non HT20 Beam Forming, 6 to 54 Mbps	2	15	-1.7	-2.1	0.41	16.5	17	0.49
HT/VHT20, M0 to M7	1	15	1.5		0.22	16.7	17	0.3
HT/VHT20, M0 to M7	2	15	-1.8	-2.1	0.22	16.3	17	0.69
HT/VHT20, M8 to M15	2	15	-1.8	-2.1	0.22	16.3	17	0.69
HT/VHT20 Beam Forming, M0 to M7	2	15	-1.8	-2.1	0.22	16.3	17	0.69
HT/VHT20 Beam Forming, M8 to M15	2	15	-1.8	-2.1	0.22	16.3	17	0.69
HT/VHT20 STBC, M8 to M15	2	15	-1.8	-2.1	0.22	16.3	17	0.69
HE20, M0 to M11 1ss	**1**	**15**	**1.8**		**0.22**	**17.0**	**17**	**0.02**
HE20, M0 to M11 1ss	**2**	**15**	**-1.1**	**-1.8**	**0.22**	**16.8**	**17**	**0.18**
HE20, M0 to M11 2ss	2	15	-1.1	-1.8	0.22	16.8	17	0.18
HE20 Beam Forming, M0 to M11 1ss	2	15	-1.1	-1.8	0.22	16.8	17	0.18
HE20 Beam Forming, M0 to M11 2ss	2	15	-1.1	-1.8	0.22	16.8	17	0.18
HE20 STBC, M0 to M11 2ss	2	15	-1.1	-1.8	0.22	16.8	17	0.18

Frequency 5710 MHz

Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 PSD (dBm/MHz)	Tx 2 PSD (dBm/MHz)	Duty Cycle (dB)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)
Non HT40, 6 to 54 Mbps	1	15	1.1		0.33	16.4	17	0.59
Non HT40, 6 to 54 Mbps	2	15	-2.2	-2.2	0.33	16.1	17	0.85
HT/VHT40, M0 to M7	1	15	0.5		0.55	16.1	17	0.91
HT/VHT40, M0 to M7	2	15	-2.8	-2.3	0.55	16.0	17	0.98
HT/VHT40, M8 to M15	2	15	-2.8	-2.3	0.55	16.0	17	0.98
HT/VHT40 Beam Forming, M0 to M7	2	15	-2.8	-2.3	0.55	16.0	17	0.98
HT/VHT40 Beam Forming, M8 to M15	2	15	-2.8	-2.3	0.55	16.0	17	0.98
HT/VHT40 STBC, M8 to M15	2	15	-2.8	-2.3	0.55	16.0	17	0.98
HE40, M0 to M11 1ss	1	15	1.0		0.24	16.2	17	0.8
HE40, M0 to M11 1ss	2	15	-1.9	-1.9	0.24	16.3	17	0.66
HE40, M0 to M11 2ss	2	15	-1.9	-1.9	0.24	16.3	17	0.66
HE40 Beam Forming, M0 to M11 1ss	2	15	-1.9	-1.9	0.24	16.3	17	0.66
HE40 Beam Forming, M0 to M11 2ss	2	15	-1.9	-1.9	0.24	16.3	17	0.66
HE40 STBC, M0 to M11 2ss	2	15	-1.9	-1.9	0.24	16.3	17	0.66

Frequency 5720 MHz

Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 PSD (dBm/MHz)	Tx 2 PSD (dBm/MHz)	Duty Cycle (dB)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)
Non HT20, 6 to 54 Mbps	1	15	1.1		0.41	16.5	17	0.46
Non HT20, 6 to 54 Mbps	2	15	-1.7	-2.0	0.41	16.6	17	0.43
Non HT20 Beam Forming, 6 to 54 Mbps	2	15	-1.7	-2.0	0.41	16.6	17	0.43
HT/VHT20, M0 to M7	1	15	1.5		0.22	16.7	17	0.31
HT/VHT20, M0 to M7	2	15	-2.2	-2.6	0.22	15.8	17	1.18
HT/VHT20, M8 to M15	2	15	-2.2	-2.6	0.22	15.8	17	1.18
HT/VHT20 Beam Forming, M0 to M7	2	15	-2.2	-2.6	0.22	15.8	17	1.18
HT/VHT20 Beam Forming, M8 to M15	2	15	-2.2	-2.6	0.22	15.8	17	1.18
HT/VHT20 STBC, M8 to M15	2	15	-2.2	-2.6	0.22	15.8	17	1.18
HE20, M0 to M11 1ss	1	15	1.2		0.22	16.4	17	0.59
HE20, M0 to M11 1ss	2	15	-2.0	-1.7	0.22	16.4	17	0.63
HE20, M0 to M11 2ss	2	15	-2.0	-1.7	0.22	16.4	17	0.63
HE20 Beam Forming, M0 to M11 1ss	2	15	-2.0	-1.7	0.22	16.4	17	0.63
HE20 Beam Forming, M0 to M11 2ss	2	15	-2.0	-1.7	0.22	16.4	17	0.63
HE20 STBC, M0 to M11 2ss	2	15	-2.0	-1.7	0.22	16.4	17	0.63

Conducted Power Spectral Density – Antenna gain 3dBi.

Frequency 5500 MHz

Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 PSD (dBm/MHz)	Tx 2 PSD (dBm/MHz)	Duty Cycle (dB)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)
Non HT20, 6 to 54 Mbps	1	3	9.8		0.41	10.2	11	0.77
Non HT20, 6 to 54 Mbps	2	6	7.1	6.9	0.41	10.4	11	0.56
Non HT20 Beam Forming, 6 to 54 Mbps	2	6	7.1	6.9	0.41	10.4	11	0.56
HT/VHT20, M0 to M7	1	3	9.0		0.22	9.2	11	1.75
HT/VHT20, M0 to M7	2	6	7.3	7.2	0.22	10.5	11	0.54
HT/VHT20, M8 to M15	2	3	7.3	7.2	0.22	10.5	11	0.54
HT/VHT20 Beam Forming, M0 to M7	2	6	7.3	7.2	0.22	10.5	11	0.54
HT/VHT20 Beam Forming, M8 to M15	2	3	7.3	7.2	0.22	10.5	11	0.54
HT/VHT20 STBC, M8 to M15	2	3	7.3	7.2	0.22	10.5	11	0.54
HE20, M0 to M11 1ss	1	3	9.3		0.22	9.5	11	1.47
HE20, M0 to M11 1ss	2	6	7.5	7.2	0.22	10.6	11	0.38
HE20, M0 to M11 2ss	2	3	7.5	7.2	0.22	10.6	11	0.38
HE20 Beam Forming, M0 to M11 1ss	2	6	7.5	7.2	0.22	10.6	11	0.38
HE20 Beam Forming, M0 to M11 2ss	2	3	7.5	7.2	0.22	10.6	11	0.38
HE20 STBC, M0 to M11 2ss	2	3	7.5	7.2	0.22	10.6	11	0.38

Frequency 5510 MHz

Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 PSD (dBm/MHz)	Tx 2 PSD (dBm/MHz)	Duty Cycle (dB)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)
Non HT40, 6 to 54 Mbps	1	3	4.6		0.33	4.9	11	6.08
Non HT40, 6 to 54 Mbps	2	6	3.5	3.4	0.33	6.8	11	4.22
HT/VHT40, M0 to M7	1	3	4.0		0.55	4.6	11	6.42
HT/VHT40, M0 to M7	2	6	4.0	4.1	0.55	7.6	11	3.37
HT/VHT40, M8 to M15	2	3	4.0	4.1	0.55	7.6	11	3.37
HT/VHT40 Beam Forming, M0 to M7	2	6	2.0	1.9	0.55	5.5	11	5.52
HT/VHT40 Beam Forming, M8 to M15	2	3	4.0	4.1	0.55	7.6	11	3.37
HT/VHT40 STBC, M8 to M15	2	3	4.0	4.1	0.55	7.6	11	3.37
HE40, M0 to M11 1ss	1	3	4.9		0.24	5.2	11	5.85
HE40, M0 to M11 1ss	2	6	3.8	4.0	0.24	7.1	11	3.85
HE40, M0 to M11 2ss	2	3	3.8	4.0	0.24	7.1	11	3.85
HE40 Beam Forming, M0 to M11 1ss	2	6	1.6	1.4	0.24	4.8	11	6.25
HE40 Beam Forming, M0 to M11 2ss	2	3	3.8	4.0	0.24	7.1	11	3.85
HE40 STBC, M0 to M11 2ss	2	3	3.8	4.0	0.24	7.1	11	3.85

Frequency 5530 MHz

Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 PSD (dBm/MHz)	Tx 2 PSD (dBm/MHz)	Duty Cycle (dB)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)
Non HT80, 6 to 54 Mbps	1	3	2.0		0.33	2.4	11	8.64
Non HT80, 6 to 54 Mbps	2	6	0.9	0.7	0.33	4.2	11	6.84
VHT80, M0 to M11 1ss	1	3	0.1		0.55	0.7	11	10.31
VHT80, M0 to M11 1ss	2	6	-0.8	-0.9	0.55	2.7	11	8.27
VHT80, M0 to M11 2ss	2	3	-0.8	-0.9	0.55	2.7	11	8.27
VHT80 Beam Forming, M0 to M11 1ss	2	6	-1.8	-1.9	0.55	1.7	11	9.3
VHT80 Beam Forming, M0 to M11 2ss	2	3	-0.8	-0.9	0.55	2.7	11	8.27
VHT80 STBC, M0 to M11 2ss	2	3	-0.8	-0.9	0.55	2.7	11	8.27
HE80, M0 to M11 1ss	1	3	0.5		0.22	0.8	11	10.24
HE80, M0 to M11 1ss	2	6	-0.9	-0.9	0.22	2.3	11	8.67
HE80, M0 to M11 2ss	2	3	-0.9	-0.9	0.22	2.3	11	8.67
HE80 Beam Forming, M0 to M11 1ss	2	6	-1.8	-1.9	0.22	1.4	11	9.61
HE80 Beam Forming, M0 to M11 2ss	2	3	-0.9	-0.9	0.22	2.3	11	8.67
HE80 STBC, M0 to M11 2ss	2	3	-0.9	-0.9	0.22	2.3	11	8.67

Frequency 5550 MHz

Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 PSD (dBm/MHz)	Tx 2 PSD (dBm/MHz)	Duty Cycle (dB)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)
Non HT40, 6 to 54 Mbps	1	3	6.9		0.33	7.2	11	3.81
Non HT40, 6 to 54 Mbps	2	6	6.9	6.9	0.33	10.2	11	0.79
HT/VHT40, M0 to M7	1	3	7.1		0.55	7.6	11	3.37
HT/VHT40, M0 to M7	2	6	6.1	6.2	0.55	9.7	11	1.31
HT/VHT40, M8 to M15	2	3	6.1	6.2	0.55	9.7	11	1.31
HT/VHT40 Beam Forming, M0 to M7	2	6	6.1	6.2	0.55	9.7	11	1.31
HT/VHT40 Beam Forming, M8 to M15	2	3	6.1	6.2	0.55	9.7	11	1.31
HT/VHT40 STBC, M8 to M15	2	3	6.1	6.2	0.55	9.7	11	1.31
HE40, M0 to M11 1ss	1	3	7.1		0.24	7.4	11	3.64
HE40, M0 to M11 1ss	2	6	7.1	7.0	0.24	10.3	11	0.68
HE40, M0 to M11 2ss	2	3	7.1	7.0	0.24	10.3	11	0.68
HE40 Beam Forming, M0 to M11 1ss	2	6	7.1	7.0	0.24	10.3	11	0.68
HE40 Beam Forming, M0 to M11 2ss	2	3	7.1	7.0	0.24	10.3	11	0.68
HE40 STBC, M0 to M11 2ss	2	3	7.1	7.0	0.24	10.3	11	0.68

Frequency 5610 MHz

Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 PSD (dBm/MHz)	Tx 2 PSD (dBm/MHz)	Duty Cycle (dB)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)
Non HT80, 6 to 54 Mbps	1	3	3.9		0.33	4.2	11	6.81
Non HT80, 6 to 54 Mbps	2	6	3.9	4.4	0.33	7.5	11	3.51
VHT80, M0 to M11 1ss	1	3	3.2		0.55	3.8	11	7.25
VHT80, M0 to M11 1ss	2	6	3.2	3.8	0.55	7.1	11	3.91
VHT80, M0 to M11 2ss	2	3	3.2	3.8	0.55	7.1	11	3.91
VHT80 Beam Forming, M0 to M11 1ss	2	6	2.9	2.8	0.55	6.4	11	4.57
VHT80 Beam Forming, M0 to M11 2ss	2	3	3.2	3.8	0.55	7.1	11	3.91
VHT80 STBC, M0 to M11 2ss	2	3	3.2	3.8	0.55	7.1	11	3.91
HE80, M0 to M11 1ss	1	3	3.0		0.22	3.2	11	7.8
HE80, M0 to M11 1ss	2	6	3.0	3.8	0.22	6.7	11	4.34
HE80, M0 to M11 2ss	2	3	3.0	3.8	0.22	6.7	11	4.34
HE80 Beam Forming, M0 to M11 1ss	2	6	2.5	2.7	0.22	5.9	11	5.14
HE80 Beam Forming, M0 to M11 2ss	2	3	3.0	3.8	0.22	6.7	11	4.34
HE80 STBC, M0 to M11 2ss	2	3	3.0	3.8	0.22	6.7	11	4.34

Frequency 5670 MHz

Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 PSD (dBm/MHz)	Tx 2 PSD (dBm/MHz)	Duty Cycle (dB)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)
Non HT40, 6 to 54 Mbps	1	3	6.0		0.33	6.3	11	4.67
Non HT40, 6 to 54 Mbps	2	6	4.7	4.4	0.33	7.9	11	3.09
HT/VHT40, M0 to M7	1	3	7.3		0.55	7.8	11	3.18
HT/VHT40, M0 to M7	2	6	6.6	6.0	0.55	9.9	11	1.13
HT/VHT40, M8 to M15	2	3	6.6	6.0	0.55	9.9	11	1.13
HT/VHT40 Beam Forming, M0 to M7	2	6	6.6	6.0	0.55	9.9	11	1.13
HT/VHT40 Beam Forming, M8 to M15	2	3	6.6	6.0	0.55	9.9	11	1.13
HT/VHT40 STBC, M8 to M15	2	3	6.6	6.0	0.55	9.9	11	1.13
HE40, M0 to M11 1ss	1	3	7.1		0.24	7.3	11	3.67
HE40, M0 to M11 1ss	2	6	6.0	5.9	0.24	9.2	11	1.81
HE40, M0 to M11 2ss	2	3	6.0	5.9	0.24	9.2	11	1.81
HE40 Beam Forming, M0 to M11 1ss	2	6	6.0	5.9	0.24	9.2	11	1.81
HE40 Beam Forming, M0 to M11 2ss	2	3	6.0	5.9	0.24	9.2	11	1.81
HE40 STBC, M0 to M11 2ss	2	3	6.0	5.9	0.24	9.2	11	1.81

Frequency 5690 MHz

Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 PSD (dBm/MHz)	Tx 2 PSD (dBm/MHz)	Duty Cycle (dB)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)
Non HT80, 6 to 54 Mbps	1	3	5.0		0.33	5.3	11	5.71
Non HT80, 6 to 54 Mbps	2	6	5.0	4.5	0.33	8.1	11	2.91
VHT80, M0 to M11 1ss	1	3	4.3		0.55	4.8	11	6.17
VHT80, M0 to M11 1ss	2	6	2.9	2.8	0.55	6.4	11	4.6
VHT80, M0 to M11 2ss	2	3	2.9	2.8	0.55	6.4	11	4.6
VHT80 Beam Forming, M0 to M11 1ss	2	6	2.9	2.8	0.55	6.4	11	4.6
VHT80 Beam Forming, M0 to M11 2ss	2	3	2.9	2.8	0.55	6.4	11	4.6
VHT80 STBC, M0 to M11 2ss	2	3	2.9	2.8	0.55	6.4	11	4.6
HE80, M0 to M11 1ss	1	3	4.3		0.22	4.5	11	6.45
HE80, M0 to M11 1ss	2	6	3.2	2.9	0.22	6.3	11	4.73
HE80, M0 to M11 2ss	2	3	3.2	2.9	0.22	6.3	11	4.73
HE80 Beam Forming, M0 to M11 1ss	2	6	3.2	2.9	0.22	6.3	11	4.73
HE80 Beam Forming, M0 to M11 2ss	2	3	3.2	2.9	0.22	6.3	11	4.73
HE80 STBC, M0 to M11 2ss	2	3	3.2	2.9	0.22	6.3	11	4.73

Frequency 5700 MHz

Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 PSD (dBm/MHz)	Tx 2 PSD (dBm/MHz)	Duty Cycle (dB)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)
Non HT20, 6 to 54 Mbps	1	3	10.4		0.41	10.8	11	0.15
Non HT20, 6 to 54 Mbps	2	6	7.4	7.1	0.41	10.6	11	0.36
Non HT20 Beam Forming, 6 to 54 Mbps	2	6	7.4	7.1	0.41	10.6	11	0.36
HT/VHT20, M0 to M7	1	3	9.8		0.22	10.0	11	1.03
HT/VHT20, M0 to M7	2	6	7.8	7.6	0.22	10.9	11	0.06
HT/VHT20, M8 to M15	2	3	7.8	7.6	0.22	10.9	11	0.06
HT/VHT20 Beam Forming, M0 to M7	2	6	7.8	7.6	0.22	10.9	11	0.06
HT/VHT20 Beam Forming, M8 to M15	2	3	7.8	7.6	0.22	10.9	11	0.06
HT/VHT20 STBC, M8 to M15	2	3	7.8	7.6	0.22	10.9	11	0.06
HE20, M0 to M11 1ss	1	3	9.5		0.22	9.7	11	1.3
HE20, M0 to M11 1ss	2	6	7.6	7.4	0.22	10.7	11	0.26
HE20, M0 to M11 2ss	2	3	7.6	7.4	0.22	10.7	11	0.26
HE20 Beam Forming, M0 to M11 1ss	2	6	7.6	7.4	0.22	10.7	11	0.26
HE20 Beam Forming, M0 to M11 2ss	2	3	7.6	7.4	0.22	10.7	11	0.26
HE20 STBC, M0 to M11 2ss	2	3	7.6	7.4	0.22	10.7	11	0.26

Frequency 5710 MHz

Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 PSD (dBm/MHz)	Tx 2 PSD (dBm/MHz)	Duty Cycle (dB)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)
Non HT40, 6 to 54 Mbps	1	3	6.8		0.33	7.1	11	3.87
Non HT40, 6 to 54 Mbps	2	6	6.8	6.8	0.33	10.2	11	0.84
HT/VHT40, M0 to M7	1	3	7.3		0.55	7.8	11	3.19
HT/VHT40, M0 to M7	2	6	6.4	6.7	0.55	10.1	11	0.91
HT/VHT40, M8 to M15	2	3	6.4	6.7	0.55	10.1	11	0.91
HT/VHT40 Beam Forming, M0 to M7	2	6	6.4	6.7	0.55	10.1	11	0.91
HT/VHT40 Beam Forming, M8 to M15	2	3	6.4	6.7	0.55	10.1	11	0.91
HT/VHT40 STBC, M8 to M15	2	3	6.4	6.7	0.55	10.1	11	0.91
HE40, M0 to M11 1ss	1	3	7.2		0.24	7.5	11	3.55
HE40, M0 to M11 1ss	2	6	6.1	6.2	0.24	9.4	11	1.62
HE40, M0 to M11 2ss	2	3	6.1	6.2	0.24	9.4	11	1.62
HE40 Beam Forming, M0 to M11 1ss	2	6	6.1	6.2	0.24	9.4	11	1.62
HE40 Beam Forming, M0 to M11 2ss	2	3	6.1	6.2	0.24	9.4	11	1.62
HE40 STBC, M0 to M11 2ss	2	3	6.1	6.2	0.24	9.4	11	1.62

Frequency 5720 MHz

Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 PSD (dBm/MHz)	Tx 2 PSD (dBm/MHz)	Duty Cycle (dB)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)
Non HT20, 6 to 54 Mbps	1	3	10.3		0.41	10.7	11	0.33
Non HT20, 6 to 54 Mbps	2	6	7.1	7.4	0.41	10.7	11	0.33
Non HT20 Beam Forming, 6 to 54 Mbps	2	6	7.1	7.4	0.41	10.7	11	0.33
HT/VHT20, M0 to M7	1	3	9.5		0.22	9.7	11	1.33
HT/VHT20, M0 to M7	**2**	**6**	**7.8**	**7.7**	**0.22**	**11.0**	**11**	**0.04**
HT/VHT20, M8 to M15	**2**	**3**	**7.8**	**7.7**	**0.22**	**11.0**	**11**	**0.04**
HT/VHT20 Beam Forming, M0 to M7	**2**	**6**	**7.8**	**7.7**	**0.22**	**11.0**	**11**	**0.04**
HT/VHT20 Beam Forming, M8 to M15	2	3	7.8	7.7	0.22	11.0	11	0.04
HT/VHT20 STBC, M8 to M15	2	3	7.8	7.7	0.22	11.0	11	0.04
HE20, M0 to M11 1ss	1	3	9.5		0.22	9.7	11	1.26
HE20, M0 to M11 1ss	2	6	7.5	7.5	0.22	10.8	11	0.23
HE20, M0 to M11 2ss	2	3	7.5	7.5	0.22	10.8	11	0.23
HE20 Beam Forming, M0 to M11 1ss	2	6	7.5	7.5	0.22	10.8	11	0.23
HE20 Beam Forming, M0 to M11 2ss	2	3	7.5	7.5	0.22	10.8	11	0.23
HE20 STBC, M0 to M11 2ss	2	3	7.5	7.5	0.22	10.8	11	0.23

Conducted Power Spectral Density – Antenna gain 8dBi.

Frequency 5500 MHz

Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 PSD (dBm/MHz)	Tx 2 PSD (dBm/MHz)	Duty Cycle (dB)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)
Non HT20, 6 to 54 Mbps	1	8	8.1		0.41	8.6	11	2.45
Non HT20, 6 to 54 Mbps	2	11	1.5	2.1	0.41	5.2	11	5.76
Non HT20 Beam Forming, 6 to 54 Mbps	2	11	1.5	2.1	0.41	5.2	11	5.76
HT/VHT20, M0 to M7	1	8	8.0		0.22	8.3	11	2.74
HT/VHT20, M0 to M7	2	11	2.0	2.4	0.22	5.4	11	5.58
HT/VHT20, M8 to M15	2	8	5.6	5.5	0.22	8.8	11	2.21
HT/VHT20 Beam Forming, M0 to M7	2	11	2.0	2.4	0.22	5.4	11	5.58
HT/VHT20 Beam Forming, M8 to M15	2	8	5.6	5.5	0.22	8.8	11	2.21
HT/VHT20 STBC, M8 to M15	2	8	5.6	5.5	0.22	8.8	11	2.21
HE20, M0 to M11 1ss	1	8	8.3		0.22	8.5	11	2.48
HE20, M0 to M11 1ss	2	11	2.2	2.5	0.22	5.6	11	5.4
HE20, M0 to M11 2ss	2	8	5.4	5.6	0.22	8.7	11	2.3
HE20 Beam Forming, M0 to M11 1ss	2	11	2.2	2.5	0.22	5.6	11	5.4
HE20 Beam Forming, M0 to M11 2ss	2	8	5.4	5.6	0.22	8.7	11	2.3
HE20 STBC, M0 to M11 2ss	2	8	5.4	5.6	0.22	8.7	11	2.3

Frequency 5510 MHz

Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 PSD (dBm/MHz)	Tx 2 PSD (dBm/MHz)	Duty Cycle (dB)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)
Non HT40, 6 to 54 Mbps	1	8	3.5		0.33	3.8	11	7.16
Non HT40, 6 to 54 Mbps	2	11	2.8	1.8	0.33	5.7	11	5.32
HT/VHT40, M0 to M7	1	8	2.0		0.55	2.5	11	8.48
HT/VHT40, M0 to M7	2	11	0.9	0.8	0.55	4.4	11	6.58
HT/VHT40, M8 to M15	2	8	0.9	0.8	0.55	4.4	11	6.58
HT/VHT40 Beam Forming, M0 to M7	2	11	-0.7	-1.0	0.55	2.7	11	8.31
HT/VHT40 Beam Forming, M8 to M15	2	8	0.9	0.8	0.55	4.4	11	6.58
HT/VHT40 STBC, M8 to M15	2	8	0.9	0.8	0.55	4.4	11	6.58
HE40, M0 to M11 1ss	1	8	1.6		0.24	1.8	11	9.15
HE40, M0 to M11 1ss	2	11	0.3	0.8	0.24	3.8	11	7.18
HE40, M0 to M11 2ss	2	8	0.3	0.8	0.24	3.8	11	7.18
HE40 Beam Forming, M0 to M11 1ss	2	11	-1.3	-1.2	0.24	2.0	11	8.99
HE40 Beam Forming, M0 to M11 2ss	2	8	0.3	0.8	0.24	3.8	11	7.18
HE40 STBC, M0 to M11 2ss	2	8	0.3	0.8	0.24	3.8	11	7.18

Frequency 5530 MHz

Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 PSD (dBm/MHz)	Tx 2 PSD (dBm/MHz)	Duty Cycle (dB)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)
Non HT80, 6 to 54 Mbps	1	8	-0.2		0.33	0.1	11	10.92
Non HT80, 6 to 54 Mbps	2	11	-2.0	-2.2	0.33	1.2	11	9.79
VHT80, M0 to M11 1ss	1	8	-1.8		0.55	-1.3	11	12.28
VHT80, M0 to M11 1ss	2	11	-4.0	-3.7	0.55	-0.3	11	11.25
VHT80, M0 to M11 2ss	2	8	-4.0	-3.7	0.55	-0.3	11	11.25
VHT80 Beam Forming, M0 to M11 1ss	2	11	-5.8	-5.7	0.55	-2.2	11	13.18
VHT80 Beam Forming, M0 to M11 2ss	2	8	-4.0	-3.7	0.55	-0.3	11	11.25
VHT80 STBC, M0 to M11 2ss	2	8	-4.0	-3.7	0.55	-0.3	11	11.25
HE80, M0 to M11 1ss	1	8	-1.8		0.22	-1.6	11	12.59
HE80, M0 to M11 1ss	2	11	-2.7	-3.0	0.22	0.4	11	10.58
HE80, M0 to M11 2ss	2	8	-2.7	-3.0	0.22	0.4	11	10.58
HE80 Beam Forming, M0 to M11 1ss	2	11	-4.9	-5.2	0.22	-1.8	11	12.83
HE80 Beam Forming, M0 to M11 2ss	2	8	-2.7	-3.0	0.22	0.4	11	10.58
HE80 STBC, M0 to M11 2ss	2	8	-2.7	-3.0	0.22	0.4	11	10.58

Frequency 5550 MHz

Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 PSD (dBm/MHz)	Tx 2 PSD (dBm/MHz)	Duty Cycle (dB)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)
Non HT40, 6 to 54 Mbps	1	8	6.9		0.33	7.2	11	3.81
Non HT40, 6 to 54 Mbps	2	11	2.5	2.7	0.33	6.0	11	5.05
HT/VHT40, M0 to M7	1	8	7.1		0.55	7.6	11	3.37
HT/VHT40, M0 to M7	2	11	2.1	2.3	0.55	5.7	11	5.25
HT/VHT40, M8 to M15	2	8	4.7	4.4	0.55	8.1	11	2.92
HT/VHT40 Beam Forming, M0 to M7	2	11	1.2	1.3	0.55	4.8	11	6.19
HT/VHT40 Beam Forming, M8 to M15	2	8	4.7	4.4	0.55	8.1	11	2.92
HT/VHT40 STBC, M8 to M15	2	8	4.7	4.4	0.55	8.1	11	2.92
HE40, M0 to M11 1ss	1	8	7.1		0.24	7.4	11	3.64
HE40, M0 to M11 1ss	2	11	2.0	2.1	0.24	5.3	11	5.71
HE40, M0 to M11 2ss	2	8	5.0	5.1	0.24	8.3	11	2.71
HE40 Beam Forming, M0 to M11 1ss	2	11	2.0	2.1	0.24	5.3	11	5.71
HE40 Beam Forming, M0 to M11 2ss	2	8	5.0	5.1	0.24	8.3	11	2.71
HE40 STBC, M0 to M11 2ss	2	8	5.0	5.1	0.24	8.3	11	2.71

Frequency 5610 MHz

Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 PSD (dBm/MHz)	Tx 2 PSD (dBm/MHz)	Duty Cycle (dB)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)
Non HT80, 6 to 54 Mbps	1	8	3.9		0.33	4.2	11	6.81
Non HT80, 6 to 54 Mbps	2	11	2.2	2.3	0.33	5.6	11	5.39
VHT80, M0 to M11 1ss	1	8	3.2		0.55	3.8	11	7.25
VHT80, M0 to M11 1ss	2	11	1.8	1.5	0.55	5.3	11	5.75
VHT80, M0 to M11 2ss	2	8	1.8	1.5	0.55	5.3	11	5.75
VHT80 Beam Forming, M0 to M11 1ss	2	11	-1.8	-1.5	0.55	1.9	11	9.07
VHT80 Beam Forming, M0 to M11 2ss	2	8	1.8	1.5	0.55	5.3	11	5.75
VHT80 STBC, M0 to M11 2ss	2	8	1.8	1.5	0.55	5.3	11	5.75
HE80, M0 to M11 1ss	1	8	3.0		0.22	3.2	11	7.8
HE80, M0 to M11 1ss	2	11	1.8	1.6	0.22	4.9	11	6.08
HE80, M0 to M11 2ss	2	8	1.8	1.6	0.22	4.9	11	6.08
HE80 Beam Forming, M0 to M11 1ss	2	11	-1.9	-1.4	0.22	1.6	11	9.4
HE80 Beam Forming, M0 to M11 2ss	2	8	1.8	1.6	0.22	4.9	11	6.08
HE80 STBC, M0 to M11 2ss	2	8	1.8	1.6	0.22	4.9	11	6.08

Frequency 5670 MHz

Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 PSD (dBm/MHz)	Tx 2 PSD (dBm/MHz)	Duty Cycle (dB)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)
Non HT40, 6 to 54 Mbps	1	8	4.7		0.33	5.0	11	5.97
Non HT40, 6 to 54 Mbps	2	11	1.5	1.3	0.33	4.7	11	6.27
HT/VHT40, M0 to M7	1	8	6.6		0.55	7.2	11	3.82
HT/VHT40, M0 to M7	2	11	2.1	1.9	0.55	5.6	11	5.45
HT/VHT40, M8 to M15	2	8	4.5	4.4	0.55	8.0	11	2.98
HT/VHT40 Beam Forming, M0 to M7	2	11	1.2	0.7	0.55	4.5	11	6.48
HT/VHT40 Beam Forming, M8 to M15	2	8	4.5	4.4	0.55	8.0	11	2.98
HT/VHT40 STBC, M8 to M15	2	8	4.5	4.4	0.55	8.0	11	2.98
HE40, M0 to M11 1ss	1	8	6.0		0.24	6.2	11	4.78
HE40, M0 to M11 1ss	2	11	1.9	1.5	0.24	4.9	11	6.06
HE40, M0 to M11 2ss	2	8	4.1	4.2	0.24	7.4	11	3.64
HE40 Beam Forming, M0 to M11 1ss	2	11	1.9	1.5	0.24	4.9	11	6.06
HE40 Beam Forming, M0 to M11 2ss	2	8	4.1	4.2	0.24	7.4	11	3.64
HE40 STBC, M0 to M11 2ss	2	8	4.1	4.2	0.24	7.4	11	3.64

Frequency 5690 MHz

Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 PSD (dBm/MHz)	Tx 2 PSD (dBm/MHz)	Duty Cycle (dB)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)
Non HT80, 6 to 54 Mbps	1	8	5.0		0.33	5.3	11	5.71
Non HT80, 6 to 54 Mbps	2	11	2.3	1.6	0.33	5.3	11	5.7
VHT80, M0 to M11 1ss	1	8	4.3		0.55	4.8	11	6.17
VHT80, M0 to M11 1ss	2	11	1.7	0.6	0.55	4.7	11	6.26
VHT80, M0 to M11 2ss	2	8	1.7	0.6	0.55	4.7	11	6.26
VHT80 Beam Forming, M0 to M11 1ss	2	11	-1.8	-2.1	0.55	1.6	11	9.41
VHT80 Beam Forming, M0 to M11 2ss	2	8	1.7	0.6	0.55	4.7	11	6.26
VHT80 STBC, M0 to M11 2ss	2	8	1.7	0.6	0.55	4.7	11	6.26
HE80, M0 to M11 1ss	1	8	4.3		0.22	4.5	11	6.45
HE80, M0 to M11 1ss	2	11	1.8	1.0	0.22	4.6	11	6.36
HE80, M0 to M11 2ss	2	8	1.8	1.0	0.22	4.6	11	6.36
HE80 Beam Forming, M0 to M11 1ss	2	11	-1.8	-1.9	0.22	1.4	11	9.6
HE80 Beam Forming, M0 to M11 2ss	2	8	1.8	1.0	0.22	4.6	11	6.36
HE80 STBC, M0 to M11 2ss	2	8	1.8	1.0	0.22	4.6	11	6.36

Frequency 5700 MHz

Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 PSD (dBm/MHz)	Tx 2 PSD (dBm/MHz)	Duty Cycle (dB)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)
Non HT20, 6 to 54 Mbps	1	8	8.5		0.41	8.9	11	2.13
Non HT20, 6 to 54 Mbps	2	11	2.1	1.9	0.41	5.4	11	5.61
Non HT20 Beam Forming, 6 to 54 Mbps	2	11	2.1	1.9	0.41	5.4	11	5.61
HT/VHT20, M0 to M7	1	8	7.8		0.22	8.0	11	2.98
HT/VHT20, M0 to M7	2	11	2.5	2.5	0.22	5.8	11	5.25
HT/VHT20, M8 to M15	**2**	**8**	**5.9**	**5.6**	**0.22**	**9.0**	**11**	**2.03**
HT/VHT20 Beam Forming, M0 to M7	2	11	2.5	2.5	0.22	5.8	11	5.25
HT/VHT20 Beam Forming, M8 to M15	**2**	**8**	**5.9**	**5.6**	**0.22**	**9.0**	**11**	**2.03**
HT/VHT20 STBC, M8 to M15	**2**	**8**	**5.9**	**5.6**	**0.22**	**9.0**	**11**	**2.03**
HE20, M0 to M11 1ss	1	8	7.6		0.22	7.8	11	3.21
HE20, M0 to M11 1ss	2	11	2.3	2.3	0.22	5.5	11	5.49
HE20, M0 to M11 2ss	2	8	5.7	5.4	0.22	8.8	11	2.23
HE20 Beam Forming, M0 to M11 1ss	2	11	2.3	2.3	0.22	5.5	11	5.49
HE20 Beam Forming, M0 to M11 2ss	2	8	5.7	5.4	0.22	8.8	11	2.23
HE20 STBC, M0 to M11 2ss	2	8	5.7	5.4	0.22	8.8	11	2.23

Frequency 5710 MHz

Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 PSD (dBm/MHz)	Tx 2 PSD (dBm/MHz)	Duty Cycle (dB)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)
Non HT40, 6 to 54 Mbps	1	8	6.8		0.33	7.1	11	3.87
Non HT40, 6 to 54 Mbps	2	11	2.9	2.3	0.33	6.0	11	5.04
HT/VHT40, M0 to M7	1	8	7.3		0.55	7.8	11	3.19
HT/VHT40, M0 to M7	2	11	1.7	1.5	0.55	5.2	11	5.84
HT/VHT40, M8 to M15	2	8	4.7	4.3	0.55	8.1	11	2.91
HT/VHT40 Beam Forming, M0 to M7	2	11	1.7	1.5	0.55	5.2	11	5.84
HT/VHT40 Beam Forming, M8 to M15	2	8	4.7	4.3	0.55	8.1	11	2.91
HT/VHT40 STBC, M8 to M15	2	8	4.7	4.3	0.55	8.1	11	2.91
HE40, M0 to M11 1ss	1	8	7.2		0.24	7.5	11	3.55
HE40, M0 to M11 1ss	2	11	2.2	2.2	0.24	5.5	11	5.53
HE40, M0 to M11 2ss	2	8	4.1	4.1	0.24	7.4	11	3.63
HE40 Beam Forming, M0 to M11 1ss	2	11	1.0	1.4	0.24	4.5	11	6.54
HE40 Beam Forming, M0 to M11 2ss	2	8	4.1	4.1	0.24	7.4	11	3.63
HE40 STBC, M0 to M11 2ss	2	8	4.1	4.1	0.24	7.4	11	3.63

Frequency 5720 MHz

Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 PSD (dBm/MHz)	Tx 2 PSD (dBm/MHz)	Duty Cycle (dB)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)
Non HT20, 6 to 54 Mbps	1	8	8.1		0.41	8.5	11	2.48
Non HT20, 6 to 54 Mbps	2	11	2.4	2.3	0.41	5.7	11	5.26
Non HT20 Beam Forming, 6 to 54 Mbps	2	11	2.4	2.3	0.41	5.7	11	5.26
HT/VHT20, M0 to M7	1	8	8.4		0.22	8.6	11	2.36
HT/VHT20, M0 to M7	2	11	2.8	2.7	0.22	6.0	11	5.03
HT/VHT20, M8 to M15	2	8	5.4	5.5	0.22	8.6	11	2.36
HT/VHT20 Beam Forming, M0 to M7	2	11	2.8	2.7	0.22	6.0	11	5.03
HT/VHT20 Beam Forming, M8 to M15	2	8	5.4	5.5	0.22	8.6	11	2.36
HT/VHT20 STBC, M8 to M15	2	8	5.4	5.5	0.22	8.6	11	2.36
HE20, M0 to M11 1ss	1	8	8.3		0.22	8.5	11	2.49
HE20, M0 to M11 1ss	2	11	2.2	2.4	0.22	5.5	11	5.46
HE20, M0 to M11 2ss	2	8	5.2	5.3	0.22	8.5	11	2.53
HE20 Beam Forming, M0 to M11 1ss	2	11	2.2	2.4	0.22	5.5	11	5.46
HE20 Beam Forming, M0 to M11 2ss	2	8	5.2	5.3	0.22	8.5	11	2.53
HE20 STBC, M0 to M11 2ss	2	8	5.2	5.3	0.22	8.5	11	2.53

Power Spectral Density – Antenna gain 15dBi.

Frequency 5500 MHz

Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 PSD (dBm/MHz)	Tx 2 PSD (dBm/MHz)	Duty Cycle (dB)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)
Non HT20, 6 to 54 Mbps	**1**	**15**	**1.5**		**0.41**	**1.9**	**11**	**9.06**
Non HT20, 6 to 54 Mbps	2	15	-2.0	-1.9	0.41	1.4	11	9.55
Non HT20 Beam Forming, 6 to 54 Mbps	2	15	-2.0	-1.9	0.41	1.4	11	9.55
HT/VHT20, M0 to M7	1	15	1.0		0.22	1.3	11	9.74
HT/VHT20, M0 to M7	2	15	-2.0	-1.8	0.22	1.3	11	9.71
HT/VHT20, M8 to M15	2	15	-2.0	-1.8	0.22	1.3	11	9.71
HT/VHT20 Beam Forming, M0 to M7	2	15	-2.0	-1.8	0.22	1.3	11	9.71
HT/VHT20 Beam Forming, M8 to M15	2	15	-2.0	-1.8	0.22	1.3	11	9.71
HT/VHT20 STBC, M8 to M15	2	15	-2.0	-1.8	0.22	1.3	11	9.71
HE20, M0 to M11 1ss	1	15	1.1		0.22	1.4	11	9.64
HE20, M0 to M11 1ss	2	15	-2.0	-1.8	0.22	1.3	11	9.67
HE20, M0 to M11 2ss	2	15	-2.0	-1.8	0.22	1.3	11	9.67
HE20 Beam Forming, M0 to M11 1ss	2	15	-2.0	-1.8	0.22	1.3	11	9.67
HE20 Beam Forming, M0 to M11 2ss	2	15	-2.0	-1.8	0.22	1.3	11	9.67
HE20 STBC, M0 to M11 2ss	2	15	-2.0	-1.8	0.22	1.3	11	9.67

Frequency 5510 MHz

Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 PSD (dBm/MHz)	Tx 2 PSD (dBm/MHz)	Duty Cycle (dB)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)
Non HT40, 6 to 54 Mbps	1	15	0.5		0.33	0.8	11	10.18
Non HT40, 6 to 54 Mbps	2	15	-2.7	-2.4	0.33	0.8	11	10.2
HT/VHT40, M0 to M7	1	15	-2.2		0.55	-1.6	11	12.6
HT/VHT40, M0 to M7	2	15	-3.7	-4.3	0.55	-0.4	11	11.41
HT/VHT40, M8 to M15	2	15	-3.7	-4.3	0.55	-0.4	11	11.41
HT/VHT40 Beam Forming, M0 to M7	2	15	-3.7	-4.3	0.55	-0.4	11	11.41
HT/VHT40 Beam Forming, M8 to M15	2	15	-3.7	-4.3	0.55	-0.4	11	11.41
HT/VHT40 STBC, M8 to M15	2	15	-3.7	-4.3	0.55	-0.4	11	11.41
HE40, M0 to M11 1ss	1	15	-2.5		0.24	-2.3	11	13.26
HE40, M0 to M11 1ss	2	15	-3.4	-3.3	0.24	-0.1	11	11.09
HE40, M0 to M11 2ss	2	15	-3.4	-3.3	0.24	-0.1	11	11.09
HE40 Beam Forming, M0 to M11 1ss	2	15	-3.4	-3.3	0.24	-0.1	11	11.09
HE40 Beam Forming, M0 to M11 2ss	2	15	-3.4	-3.3	0.24	-0.1	11	11.09
HE40 STBC, M0 to M11 2ss	2	15	-3.4	-3.3	0.24	-0.1	11	11.09

Frequency 5530 MHz

Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 PSD (dBm/MHz)	Tx 2 PSD (dBm/MHz)	Duty Cycle (dB)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)
Non HT80, 6 to 54 Mbps	1	15	-4.4		0.33	-4.1	11	15.06
Non HT80, 6 to 54 Mbps	2	15	-6.4	-6.8	0.33	-3.2	11	14.24
VHT80, M0 to M11 1ss	1	15	-5.8		0.55	-5.2	11	16.23
VHT80, M0 to M11 1ss	2	15	-7.9	-7.9	0.55	-4.4	11	15.36
VHT80, M0 to M11 2ss	2	15	-7.9	-7.9	0.55	-4.4	11	15.36
VHT80 Beam Forming, M0 to M11 1ss	2	15	-7.9	-7.9	0.55	-4.4	11	15.36
VHT80 Beam Forming, M0 to M11 2ss	2	15	-7.9	-7.9	0.55	-4.4	11	15.36
VHT80 STBC, M0 to M11 2ss	2	15	-7.9	-7.9	0.55	-4.4	11	15.36
HE80, M0 to M11 1ss	1	15	-5.5		0.22	-5.3	11	16.3
HE80, M0 to M11 1ss	2	15	-7.7	-8.0	0.22	-4.6	11	15.6
HE80, M0 to M11 2ss	2	15	-7.7	-8.0	0.22	-4.6	11	15.6
HE80 Beam Forming, M0 to M11 1ss	2	15	-7.7	-8.0	0.22	-4.6	11	15.6
HE80 Beam Forming, M0 to M11 2ss	2	15	-7.7	-8.0	0.22	-4.6	11	15.6
HE80 STBC, M0 to M11 2ss	2	15	-7.7	-8.0	0.22	-4.6	11	15.6

Frequency 5550 MHz

Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 PSD (dBm/MHz)	Tx 2 PSD (dBm/MHz)	Duty Cycle (dB)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)
Non HT40, 6 to 54 Mbps	1	15	0.7		0.33	1.0	11	9.98
Non HT40, 6 to 54 Mbps	2	15	-2.2	-2.4	0.33	1.1	11	9.93
HT/VHT40, M0 to M7	1	15	0.2		0.55	0.8	11	10.21
HT/VHT40, M0 to M7	2	15	-2.8	-2.8	0.55	0.8	11	10.24
HT/VHT40, M8 to M15	2	15	-2.8	-2.8	0.55	0.8	11	10.24
HT/VHT40 Beam Forming, M0 to M7	2	15	-2.8	-2.8	0.55	0.8	11	10.24
HT/VHT40 Beam Forming, M8 to M15	2	15	-2.8	-2.8	0.55	0.8	11	10.24
HT/VHT40 STBC, M8 to M15	2	15	-2.8	-2.8	0.55	0.8	11	10.24
HE40, M0 to M11 1ss	1	15	0.7		0.24	1.0	11	10.04
HE40, M0 to M11 1ss	2	15	-2.3	-1.9	0.24	1.2	11	9.82
HE40, M0 to M11 2ss	2	15	-2.3	-1.9	0.24	1.2	11	9.82
HE40 Beam Forming, M0 to M11 1ss	2	15	-2.3	-1.9	0.24	1.2	11	9.82
HE40 Beam Forming, M0 to M11 2ss	2	15	-2.3	-1.9	0.24	1.2	11	9.82
HE40 STBC, M0 to M11 2ss	2	15	-2.3	-1.9	0.24	1.2	11	9.82

Frequency 5610 MHz

Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 PSD (dBm/MHz)	Tx 2 PSD (dBm/MHz)	Duty Cycle (dB)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)
Non HT80, 6 to 54 Mbps	1	15	-2.0		0.33	-1.7	11	12.68
Non HT80, 6 to 54 Mbps	2	15	-4.3	-3.3	0.33	-0.4	11	11.43
VHT80, M0 to M11 1ss	1	15	-3.0		0.55	-2.4	11	13.4
VHT80, M0 to M11 1ss	2	15	-6.1	-5.5	0.55	-2.2	11	13.24
VHT80, M0 to M11 2ss	2	15	-6.1	-5.5	0.55	-2.2	11	13.24
VHT80 Beam Forming, M0 to M11 1ss	2	15	-6.1	-5.5	0.55	-2.2	11	13.24
VHT80 Beam Forming, M0 to M11 2ss	2	15	-6.1	-5.5	0.55	-2.2	11	13.24
VHT80 STBC, M0 to M11 2ss	2	15	-6.1	-5.5	0.55	-2.2	11	13.24
HE80, M0 to M11 1ss	1	15	-2.7		0.22	-2.5	11	13.46
HE80, M0 to M11 1ss	2	15	-5.7	-5.7	0.22	-2.5	11	13.46
HE80, M0 to M11 2ss	2	15	-5.7	-5.7	0.22	-2.5	11	13.46
HE80 Beam Forming, M0 to M11 1ss	2	15	-5.7	-5.7	0.22	-2.5	11	13.46
HE80 Beam Forming, M0 to M11 2ss	2	15	-5.7	-5.7	0.22	-2.5	11	13.46
HE80 STBC, M0 to M11 2ss	2	15	-5.7	-5.7	0.22	-2.5	11	13.46

Frequency 5670 MHz

Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 PSD (dBm/MHz)	Tx 2 PSD (dBm/MHz)	Duty Cycle (dB)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)
Non HT40, 6 to 54 Mbps	1	15	0.7		0.33	1.0	11	10.0
Non HT40, 6 to 54 Mbps	2	15	-2.1	-2.3	0.33	1.1	11	9.9
HT/VHT40, M0 to M7	1	15	0.2		0.55	0.7	11	10.27
HT/VHT40, M0 to M7	2	15	-2.6	-3.1	0.55	0.7	11	10.29
HT/VHT40, M8 to M15	2	15	-2.6	-3.1	0.55	0.7	11	10.29
HT/VHT40 Beam Forming, M0 to M7	2	15	-2.6	-3.1	0.55	0.7	11	10.29
HT/VHT40 Beam Forming, M8 to M15	2	15	-2.6	-3.1	0.55	0.7	11	10.29
HT/VHT40 STBC, M8 to M15	2	15	-2.6	-3.1	0.55	0.7	11	10.29
HE40, M0 to M11 1ss	1	15			0.24	0.2	11	10.81
HE40, M0 to M11 1ss	2	15	-2.6	-3.5	0.24	0.2	11	10.77
HE40, M0 to M11 2ss	2	15	-2.6	-3.5	0.24	0.2	11	10.77
HE40 Beam Forming, M0 to M11 1ss	2	15	-2.6	-3.5	0.24	0.2	11	10.77
HE40 Beam Forming, M0 to M11 2ss	2	15	-2.6	-3.5	0.24	0.2	11	10.77
HE40 STBC, M0 to M11 2ss	2	15	-2.6	-3.5	0.24	0.2	11	10.77

Frequency 5690 MHz

Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 PSD (dBm/MHz)	Tx 2 PSD (dBm/MHz)	Duty Cycle (dB)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)
Non HT80, 6 to 54 Mbps	1	15	-1.0		0.33	-0.6	11	11.63
Non HT80, 6 to 54 Mbps	2	15	-4.5	-4.5	0.33	-1.1	11	12.12
VHT80, M0 to M11 1ss	1	15	-3.0		0.55	-2.4	11	13.44
VHT80, M0 to M11 1ss	2	15	-6.0	-6.3	0.55	-2.6	11	13.61
VHT80, M0 to M11 2ss	2	15	-6.0	-6.3	0.55	-2.6	11	13.61
VHT80 Beam Forming, M0 to M11 1ss	2	15	-6.0	-6.3	0.55	-2.6	11	13.61
VHT80 Beam Forming, M0 to M11 2ss	2	15	-6.0	-6.3	0.55	-2.6	11	13.61
VHT80 STBC, M0 to M11 2ss	2	15	-6.0	-6.3	0.55	-2.6	11	13.61
HE80, M0 to M11 1ss	1	15	-2.9		0.22	-2.7	11	13.7
HE80, M0 to M11 1ss	2	15	-5.9	-6.1	0.22	-2.8	11	13.75
HE80, M0 to M11 2ss	2	15	-5.9	-6.1	0.22	-2.8	11	13.75
HE80 Beam Forming, M0 to M11 1ss	2	15	-5.9	-6.1	0.22	-2.8	11	13.75
HE80 Beam Forming, M0 to M11 2ss	2	15	-5.9	-6.1	0.22	-2.8	11	13.75
HE80 STBC, M0 to M11 2ss	2	15	-5.9	-6.1	0.22	-2.8	11	13.75

Frequency 5700 MHz

Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 PSD (dBm/MHz)	Tx 2 PSD (dBm/MHz)	Duty Cycle (dB)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)
Non HT20, 6 to 54 Mbps	1	15	1.2		0.41	1.6	11	9.39
Non HT20, 6 to 54 Mbps	2	15	-1.7	-2.1	0.41	1.5	11	9.49
Non HT20 Beam Forming, 6 to 54 Mbps	2	15	-1.7	-2.1	0.41	1.5	11	9.49
HT/VHT20, M0 to M7	1	15	1.5		0.22	1.7	11	9.3
HT/VHT20, M0 to M7	2	15	-1.8	-2.1	0.22	1.3	11	9.69
HT/VHT20, M8 to M15	2	15	-1.8	-2.1	0.22	1.3	11	9.69
HT/VHT20 Beam Forming, M0 to M7	2	15	-1.8	-2.1	0.22	1.3	11	9.69
HT/VHT20 Beam Forming, M8 to M15	2	15	-1.8	-2.1	0.22	1.3	11	9.69
HT/VHT20 STBC, M8 to M15	2	15	-1.8	-2.1	0.22	1.3	11	9.69
HE20, M0 to M11 1ss	**1**	**15**	**1.8**		**0.22**	**2.0**	**11**	**9.02**
HE20, M0 to M11 1ss	**2**	**15**	**-1.1**	**-1.8**	**0.22**	**1.8**	**11**	**9.18**
HE20, M0 to M11 2ss	2	15	-1.1	-1.8	0.22	1.8	11	9.18
HE20 Beam Forming, M0 to M11 1ss	2	15	-1.1	-1.8	0.22	1.8	11	9.18
HE20 Beam Forming, M0 to M11 2ss	2	15	-1.1	-1.8	0.22	1.8	11	9.18
HE20 STBC, M0 to M11 2ss	2	15	-1.1	-1.8	0.22	1.8	11	9.18

Frequency 5710 MHz

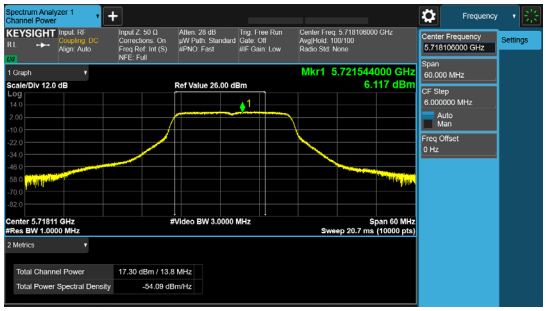
Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 PSD (dBm/MHz)	Tx 2 PSD (dBm/MHz)	Duty Cycle (dB)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)
Non HT40, 6 to 54 Mbps	1	15	1.1		0.33	1.4	11	9.59
Non HT40, 6 to 54 Mbps	2	15	-2.2	-2.2	0.33	1.1	11	9.85
HT/VHT40, M0 to M7	1	15	0.5		0.55	1.1	11	9.91
HT/VHT40, M0 to M7	2	15	-2.8	-2.3	0.55	1.0	11	9.98
HT/VHT40, M8 to M15	2	15	-2.8	-2.3	0.55	1.0	11	9.98
HT/VHT40 Beam Forming, M0 to M7	2	15	-2.8	-2.3	0.55	1.0	11	9.98
HT/VHT40 Beam Forming, M8 to M15	2	15	-2.8	-2.3	0.55	1.0	11	9.98
HT/VHT40 STBC, M8 to M15	2	15	-2.8	-2.3	0.55	1.0	11	9.98
HE40, M0 to M11 1ss	1	15	1.0		0.24	1.2	11	9.8
HE40, M0 to M11 1ss	2	15	-1.9	-1.9	0.24	1.3	11	9.66
HE40, M0 to M11 2ss	2	15	-1.9	-1.9	0.24	1.3	11	9.66
HE40 Beam Forming, M0 to M11 1ss	2	15	-1.9	-1.9	0.24	1.3	11	9.66
HE40 Beam Forming, M0 to M11 2ss	2	15	-1.9	-1.9	0.24	1.3	11	9.66
HE40 STBC, M0 to M11 2ss	2	15	-1.9	-1.9	0.24	1.3	11	9.66

Frequency 5720 MHz

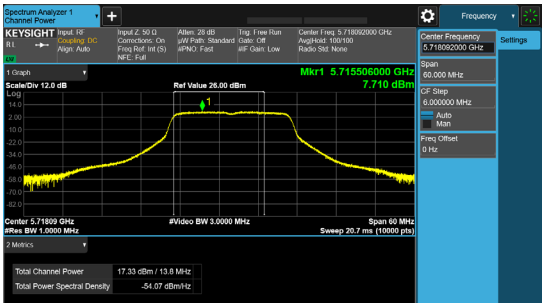
Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 PSD (dBm/MHz)	Tx 2 PSD (dBm/MHz)	Duty Cycle (dB)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)
Non HT20, 6 to 54 Mbps	1	15	1.1		0.41	1.5	11	9.46
Non HT20, 6 to 54 Mbps	2	15	-1.7	-2.0	0.41	1.6	11	9.43
Non HT20 Beam Forming, 6 to 54 Mbps	2	15	-1.7	-2.0	0.41	1.6	11	9.43
HT/VHT20, M0 to M7	1	15	1.5		0.22	1.7	11	9.31
HT/VHT20, M0 to M7	2	15	-2.2	-2.6	0.22	0.8	11	10.18
HT/VHT20, M8 to M15	2	15	-2.2	-2.6	0.22	0.8	11	10.18
HT/VHT20 Beam Forming, M0 to M7	2	15	-2.2	-2.6	0.22	0.8	11	10.18
HT/VHT20 Beam Forming, M8 to M15	2	15	-2.2	-2.6	0.22	0.8	11	10.18
HT/VHT20 STBC, M8 to M15	2	15	-2.2	-2.6	0.22	0.8	11	10.18
HE20, M0 to M11 1ss	1	15	1.2		0.22	1.4	11	9.59
HE20, M0 to M11 1ss	2	15	-2.0	-1.7	0.22	1.4	11	9.63
HE20, M0 to M11 2ss	2	15	-2.0	-1.7	0.22	1.4	11	9.63
HE20 Beam Forming, M0 to M11 1ss	2	15	-2.0	-1.7	0.22	1.4	11	9.63
HE20 Beam Forming, M0 to M11 2ss	2	15	-2.0	-1.7	0.22	1.4	11	9.63
HE20 STBC, M0 to M11 2ss	2	15	-2.0	-1.7	0.22	1.4	11	9.63

Data Screenshots – Antenna gain 3dBi.

5720 MHz: HT/VHT20, M0 to M7

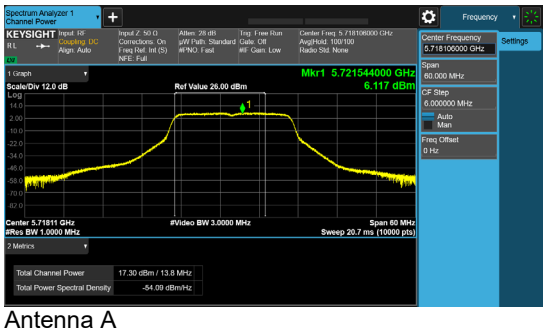


Antenna A

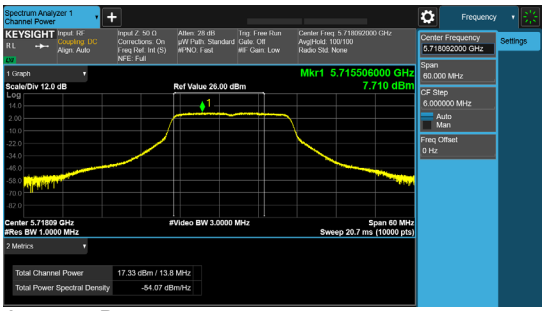


Antenna B

5720 MHz: HT/VHT20 Beam Forming, M0 to M7

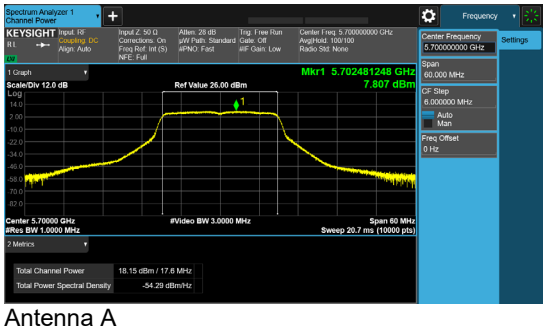


Antenna A

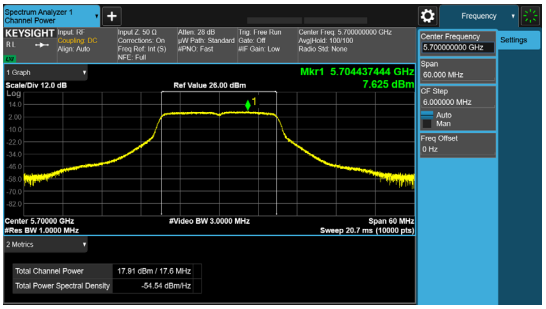


Antenna B

5700 MHz: HT/VHT20, M0 to M7



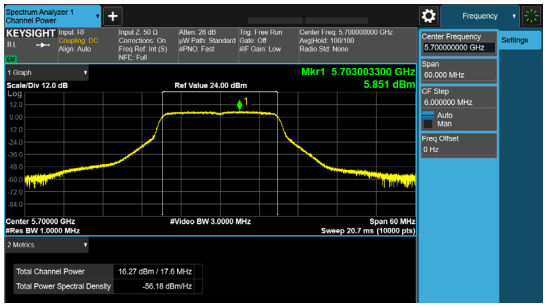
Antenna A



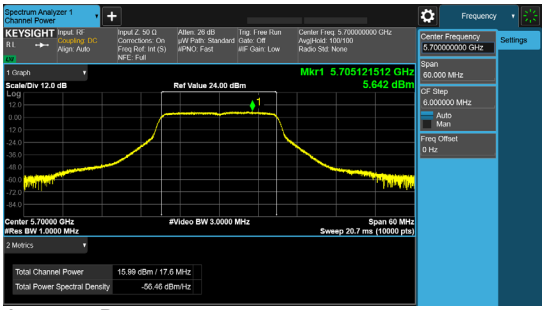
Antenna B

Data Screenshots – Antenna gain 8dBi.

5700 MHz: HT/VHT20, M8 to M15

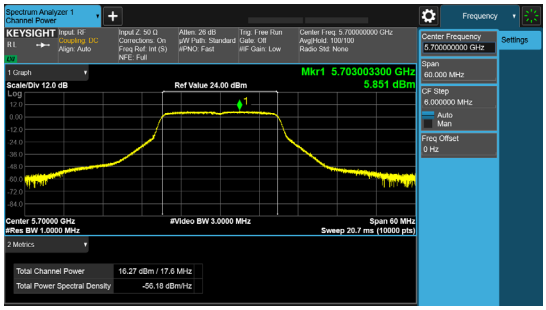


Antenna A

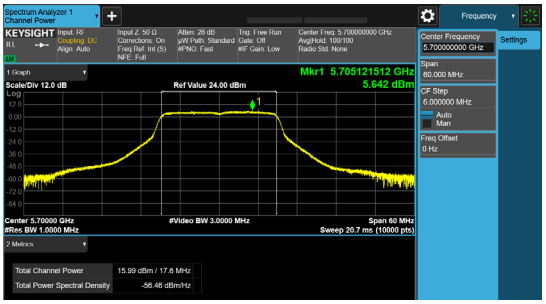


Antenna B

5700 MHz: HT/VHT20 Beam Forming, M8 to M15

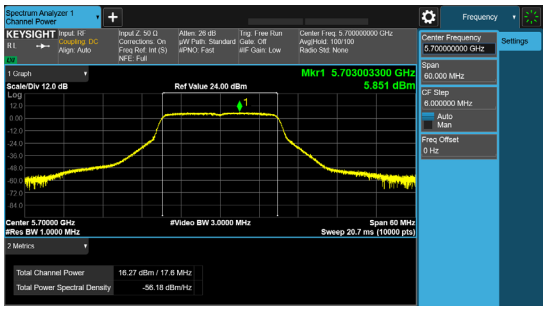


Antenna A

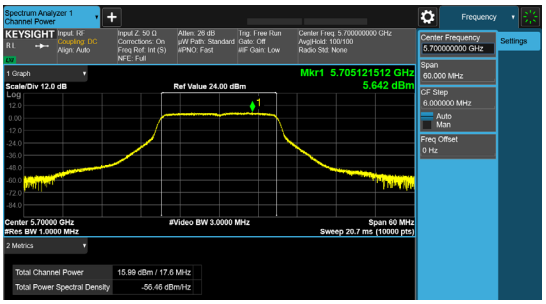


Antenna B

5700 MHz: HT/VHT20 STBC, M8 to M15



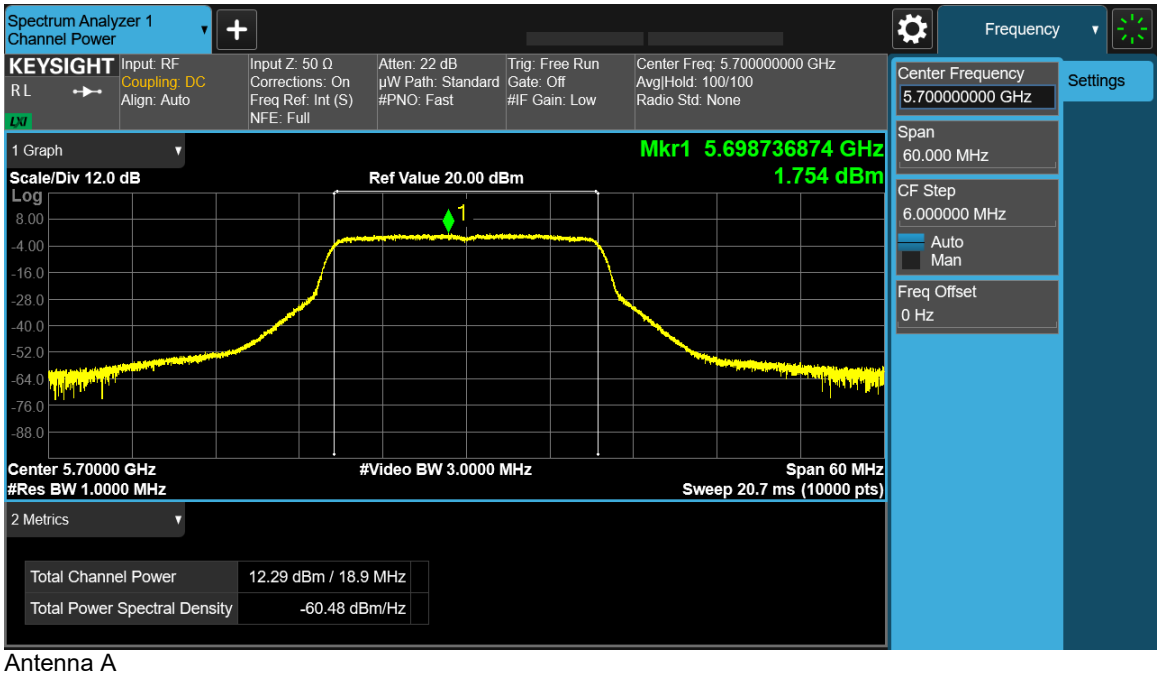
Antenna A



Antenna B

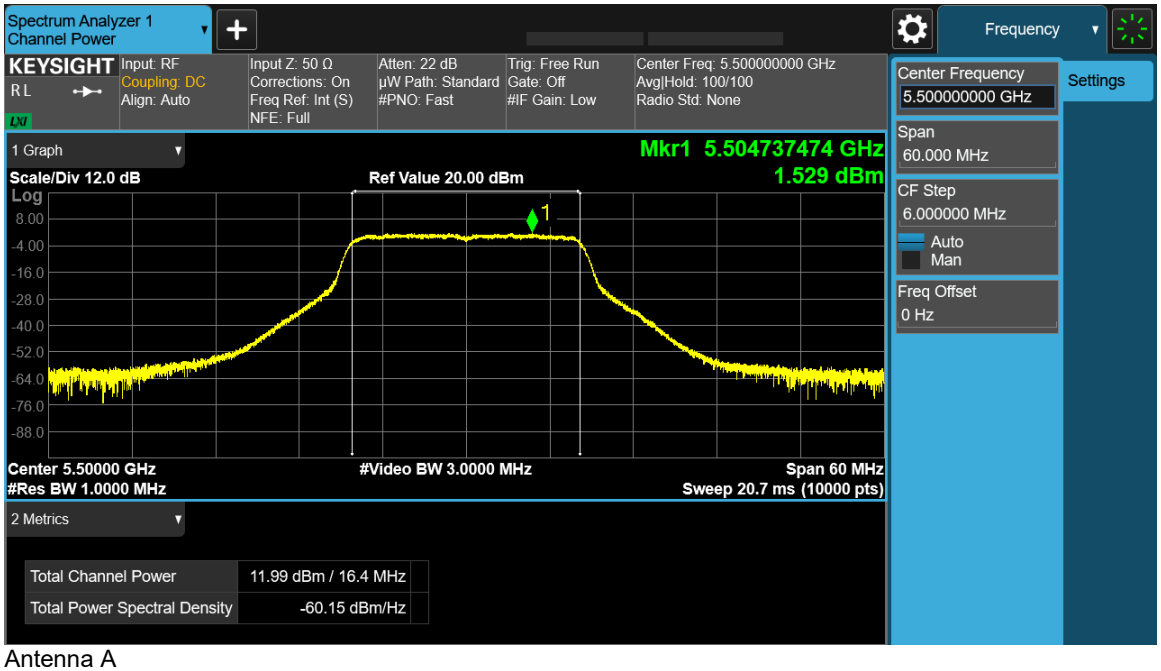
Data Screenshots – Antenna gain 15dBi.

5700 MHz: HE20, M0 to M11 1ss



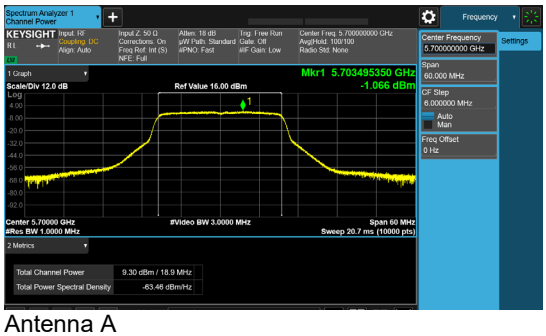
Antenna A

5500 MHz: Non HT20, 6 to 54 Mbps

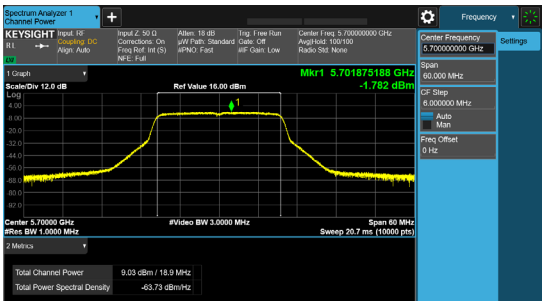


Antenna A

5700 MHz: HE20, M0 to M11 1ss



Antenna A



Antenna B

A.5: Conducted Spurious Emissions

Conducted Spurious Emissions 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:

(3) For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 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

15.205 | 15.209:

Radiated emissions which fall in the restricted bands, as defined in Section 15.205(a), must also comply with the radiated emission limits specified in Section 15.209(a) (see Section 15.205(c)).

Use formula below to substitute conducted measurements in place of radiated measurements

E[dBμV/m] = EIRP[dBm] - 20 log(d[meters]) + 104.77, where E = field strength and d = 3 meter

1) Average Plot, Limit= -41.25 dBm eirp
2) Peak plot, Limit = -21.25 dBm eirp

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 Spurious Emissions Test Procedure

Ref. ANSI C63.10: 2013
KDB 789033 D02 General UNII Test Procedures New Rules v02r01

Conducted Spurious Emissions Test Procedure
1. Connect the antenna port(s) to the spectrum analyzer input. 2. Place the radio in continuous transmit mode 3. 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 ≥ 3 MHz Sweep = Auto Detector = Peak Trace = Max Hold.	**Average** RBW = 1 MHz VBW ≥ 3 MHz Sweep = Auto Detector = RMS Power Averaging

Add the max antenna gain + ground reflection factor (4.7 dB for frequencies between 30 MHz and 1000 MHz, and 0 dB for frequencies > 1000 MHz).

Tested By: Ronak Patel	**Date of testing:** 11/1/2022 - 2/10/2023
Test Result: PASS	

Test Equipment
See Appendix C for list of test equipment

Conducted Spurious emissions Average Table – Antenna gain 3dBi.

Frequency 5500 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	-59.9		0.41	-56.5	-41	15.24
Non HT20, 6 to 54 Mbps	2	3	-62.1	-62.3	0.41	-55.8	-41	14.53
Non HT20 Beam Forming, 6 to 54 Mbps	2	6	-62.1	-62.3	0.41	-52.8	-41	11.53
HT/VHT20, M0 to M7	1	3	-59.9		0.22	-56.7	-41	15.43
HT/VHT20, M0 to M7	2	3	-59.5	-61.2	0.22	-54.0	-41	12.79
HT/VHT20, M8 to M15	2	3	-59.5	-61.2	0.22	-54.0	-41	12.79
HT/VHT20 Beam Forming, M0 to M7	2	6	-59.5	-61.2	0.22	-51.0	-41	9.79
HT/VHT20 Beam Forming, M8 to M15	2	3	-59.5	-61.2	0.22	-54.0	-41	12.79
HT/VHT20 STBC, M8 to M15	2	3	-59.5	-61.2	0.22	-54.0	-41	12.79
HE20, M0 to M11 1ss	1	3	-59.4		0.22	-56.2	-41	14.93
HE20, M0 to M11 1ss	2	3	-59.4	-60.6	0.22	-53.7	-41	12.47
HE20, M0 to M11 2ss	2	3	-59.4	-60.6	0.22	-53.7	-41	12.47
HE20 Beam Forming, M0 to M11 1ss	2	6	-59.4	-60.6	0.22	-50.7	-41	9.47
HE20 Beam Forming, M0 to M11 2ss	2	3	-59.4	-60.6	0.22	-53.7	-41	12.47
HE20 STBC, M0 to M11 2ss	2	3	-59.4	-60.6	0.22	-53.7	-41	12.47

Frequency 5510 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	-59.0		0.33	-55.7	-41	14.42
Non HT40, 6 to 54 Mbps	2	3	-61.9	-62.5	0.33	-55.8	-41	14.6
HT/VHT40, M0 to M7	1	3	-59.8		0.55	-56.2	-41	15.0
HT/VHT40, M0 to M7	2	3	-59.8	-60.9	0.55	-53.8	-41	12.5
HT/VHT40, M8 to M15	2	3	-59.8	-60.9	0.55	-53.8	-41	12.5
HT/VHT40 Beam Forming, M0 to M7	2	6	-62.1	-62.4	0.55	-52.7	-41	11.43
HT/VHT40 Beam Forming, M8 to M15	2	3	-59.8	-60.9	0.55	-53.8	-41	12.5
HT/VHT40 STBC, M8 to M15	2	3	-59.8	-60.9	0.55	-53.8	-41	12.5
HE40, M0 to M11 1ss	1	3	-59.7		0.24	-56.5	-41	15.21
HE40, M0 to M11 1ss	2	3	-59.6	-61.2	0.24	-54.1	-41	12.83
HE40, M0 to M11 2ss	2	3	-59.6	-61.2	0.24	-54.1	-41	12.83
HE40 Beam Forming, M0 to M11 1ss	2	6	-62.2	-62.3	0.24	-53.0	-41	11.75
HE40 Beam Forming, M0 to M11 2ss	2	3	-59.6	-61.2	0.24	-54.1	-41	12.83
HE40 STBC, M0 to M11 2ss	2	3	-59.6	-61.2	0.24	-54.1	-41	12.83

Frequency 5530 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	-59.7		0.33	-56.4	-41	15.12
Non HT80, 6 to 54 Mbps	2	3	-62.6	-62.5	0.33	-56.2	-41	14.96
VHT80, M0 to M11 1ss	1	3	-62.5		0.55	-58.9	-41	17.7
VHT80, M0 to M11 1ss	2	3	-62.0	-62.4	0.55	-55.6	-41	14.38
VHT80, M0 to M11 2ss	2	3	-62.0	-62.4	0.55	-55.6	-41	14.38
VHT80 Beam Forming, M0 to M11 1ss	2	6	-62.3	-62.2	0.55	-52.7	-41	11.44
VHT80 Beam Forming, M0 to M11 2ss	2	3	-62.0	-62.4	0.55	-55.6	-41	14.38
VHT80 STBC, M0 to M11 2ss	2	3	-62.0	-62.4	0.55	-55.6	-41	14.38
HE80, M0 to M11 1ss	1	3	-62.1		0.22	-58.9	-41	17.63
HE80, M0 to M11 1ss	2	3	-62.0	-62.3	0.22	-55.9	-41	14.66
HE80, M0 to M11 2ss	2	3	-62.0	-62.3	0.22	-55.9	-41	14.66
HE80 Beam Forming, M0 to M11 1ss	2	6	-61.7	-62.3	0.22	-52.8	-41	11.51
HE80 Beam Forming, M0 to M11 2ss	2	3	-62.0	-62.3	0.22	-55.9	-41	14.66
HE80 STBC, M0 to M11 2ss	2	3	-62.0	-62.3	0.22	-55.9	-41	14.66

Frequency 5550 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	-60.0		0.33	-56.7	-41	15.42
Non HT40, 6 to 54 Mbps	2	3	-60.0	-61.3	0.33	-54.3	-41	13.01
HT/VHT40, M0 to M7	1	3	-60.3		0.55	-56.7	-41	15.5
HT/VHT40, M0 to M7	2	3	-60.3	-61.1	0.55	-54.1	-41	12.87
HT/VHT40, M8 to M15	2	3	-60.3	-61.1	0.55	-54.1	-41	12.87
HT/VHT40 Beam Forming, M0 to M7	2	6	-60.3	-61.1	0.55	-51.1	-41	9.87
HT/VHT40 Beam Forming, M8 to M15	2	3	-60.3	-61.1	0.55	-54.1	-41	12.87
HT/VHT40 STBC, M8 to M15	2	3	-60.3	-61.1	0.55	-54.1	-41	12.87
HE40, M0 to M11 1ss	1	3	-60.1		0.24	-56.9	-41	15.61
HE40, M0 to M11 1ss	2	3	-60.1	-60.9	0.24	-54.2	-41	12.98
HE40, M0 to M11 2ss	2	3	-60.1	-60.9	0.24	-54.2	-41	12.98
HE40 Beam Forming, M0 to M11 1ss	2	6	-60.1	-60.9	0.24	-51.2	-41	9.98
HE40 Beam Forming, M0 to M11 2ss	2	3	-60.1	-60.9	0.24	-54.2	-41	12.98
HE40 STBC, M0 to M11 2ss	2	3	-60.1	-60.9	0.24	-54.2	-41	12.98

Frequency 5610 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	-59.3		0.33	-56.0	-41	14.72
Non HT80, 6 to 54 Mbps	2	3	-59.3	-62.0	0.33	-54.1	-41	12.85
VHT80, M0 to M11 1ss	1	3	-60.3		0.55	-56.7	-41	15.5
VHT80, M0 to M11 1ss	2	3	-60.3	-62.1	0.55	-54.5	-41	13.29
VHT80, M0 to M11 2ss	2	3	-60.3	-62.1	0.55	-54.5	-41	13.29
VHT80 Beam Forming, M0 to M11 1ss	2	6	-60.3	-62.4	0.55	-51.7	-41	10.41
VHT80 Beam Forming, M0 to M11 2ss	2	3	-60.3	-62.1	0.55	-54.5	-41	13.29
VHT80 STBC, M0 to M11 2ss	2	3	-60.3	-62.1	0.55	-54.5	-41	13.29
HE80, M0 to M11 1ss	1	3	-60.0		0.22	-56.8	-41	15.53
HE80, M0 to M11 1ss	2	3	-60.0	-62.3	0.22	-54.8	-41	13.52
HE80, M0 to M11 2ss	2	3	-60.0	-62.3	0.22	-54.8	-41	13.52
HE80 Beam Forming, M0 to M11 1ss	2	6	-59.6	-62.1	0.22	-51.4	-41	10.19
HE80 Beam Forming, M0 to M11 2ss	2	3	-60.0	-62.3	0.22	-54.8	-41	13.52
HE80 STBC, M0 to M11 2ss	2	3	-60.0	-62.3	0.22	-54.8	-41	13.52

Frequency 5670 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	-58.9		0.33	-55.6	-41	14.32
Non HT40, 6 to 54 Mbps	2	3	-59.3	-61.6	0.33	-54.0	-41	12.71
HT/VHT40, M0 to M7	1	3	-59.4		0.55	-55.8	-41	14.6
HT/VHT40, M0 to M7	2	3	-59.0	-62.3	0.55	-53.8	-41	12.53
HT/VHT40, M8 to M15	2	3	-59.0	-62.3	0.55	-53.8	-41	12.53
HT/VHT40 Beam Forming, M0 to M7	2	6	-59.0	-62.3	0.55	-50.8	-41	9.53
HT/VHT40 Beam Forming, M8 to M15	2	3	-59.0	-62.3	0.55	-53.8	-41	12.53
HT/VHT40 STBC, M8 to M15	2	3	-59.0	-62.3	0.55	-53.8	-41	12.53
HE40, M0 to M11 1ss	1	3	-59.3		0.24	-56.1	-41	14.81
HE40, M0 to M11 1ss	2	3	-58.9	-61.4	0.24	-53.7	-41	12.47
HE40, M0 to M11 2ss	2	3	-58.9	-61.4	0.24	-53.7	-41	12.47
HE40 Beam Forming, M0 to M11 1ss	2	6	-58.9	-61.4	0.24	-50.7	-41	9.47
HE40 Beam Forming, M0 to M11 2ss	2	3	-58.9	-61.4	0.24	-53.7	-41	12.47
HE40 STBC, M0 to M11 2ss	2	3	-58.9	-61.4	0.24	-53.7	-41	12.47

Frequency 5690 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	-59.1		0.33	-55.8	-41	14.52
Non HT80, 6 to 54 Mbps	2	3	-59.1	-61.7	0.33	-53.9	-41	12.62
VHT80, M0 to M11 1ss	1	3	-55.7		0.55	-52.1	-41	10.9
VHT80, M0 to M11 1ss	2	3	-59.1	-62.0	0.55	-53.7	-41	12.5
VHT80, M0 to M11 2ss	2	3	-59.1	-62.0	0.55	-53.7	-41	12.5
VHT80 Beam Forming, M0 to M11 1ss	2	6	-59.1	-62.0	0.55	-50.7	-41	9.5
VHT80 Beam Forming, M0 to M11 2ss	2	3	-59.1	-62.0	0.55	-53.7	-41	12.5
VHT80 STBC, M0 to M11 2ss	2	3	-59.1	-62.0	0.55	-53.7	-41	12.5
HE80, M0 to M11 1ss	1	3	-55.3		0.22	-52.1	-41	10.83
HE80, M0 to M11 1ss	2	3	-59.0	-61.6	0.22	-53.9	-41	12.62
HE80, M0 to M11 2ss	2	3	-59.0	-61.6	0.22	-53.9	-41	12.62
HE80 Beam Forming, M0 to M11 1ss	2	6	-59.0	-61.6	0.22	-50.9	-41	9.62
HE80 Beam Forming, M0 to M11 2ss	2	3	-59.0	-61.6	0.22	-53.9	-41	12.62
HE80 STBC, M0 to M11 2ss	2	3	-59.0	-61.6	0.22	-53.9	-41	12.62

Frequency 5700 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	-56.2		0.41	-52.8	-41	11.54
Non HT20, 6 to 54 Mbps	2	3	-58.9	-61.5	0.41	-53.6	-41	12.34
Non HT20 Beam Forming, 6 to 54 Mbps	2	6	-58.9	-61.5	0.41	-50.6	-41	9.34
HT/VHT20, M0 to M7	1	3	-56.9		0.22	-53.7	-41	12.43
HT/VHT20, M0 to M7	2	3	-58.9	-61.9	0.22	-53.9	-41	12.67
HT/VHT20, M8 to M15	2	3	-58.9	-61.9	0.22	-53.9	-41	12.67
HT/VHT20 Beam Forming, M0 to M7	2	6	-58.9	-61.9	0.22	-50.9	-41	9.67
HT/VHT20 Beam Forming, M8 to M15	2	3	-58.9	-61.9	0.22	-53.9	-41	12.67
HT/VHT20 STBC, M8 to M15	2	3	-58.9	-61.9	0.22	-53.9	-41	12.67
HE20, M0 to M11 1ss	1	3	-57.4		0.22	-54.2	-41	12.93
HE20, M0 to M11 1ss	2	3	-58.9	-61.6	0.22	-53.8	-41	12.56
HE20, M0 to M11 2ss	2	3	-58.9	-61.6	0.22	-53.8	-41	12.56
HE20 Beam Forming, M0 to M11 1ss	2	6	-58.9	-61.6	0.22	-50.8	-41	9.56
HE20 Beam Forming, M0 to M11 2ss	2	3	-58.9	-61.6	0.22	-53.8	-41	12.56
HE20 STBC, M0 to M11 2ss	2	3	-58.9	-61.6	0.22	-53.8	-41	12.56

Frequency 5710 MHz

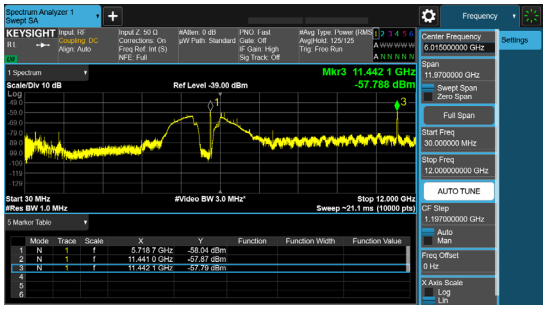
Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 Spur Power (dBm)	Tx 2 Spur Power (dBm)	Duty Cycle (dB)	Total Conducted Spur (dBm)	Limit (dB)	Margin (dB)
Non HT40, 6 to 54 Mbps	1	3	-57.6		0.33	-54.3	-41	13.02
Non HT40, 6 to 54 Mbps	2	3	-57.6	-62.2	0.33	-53.0	-41	11.73
HT/VHT40, M0 to M7	1	3	-55.2		0.55	-51.6	-41	10.4
HT/VHT40, M0 to M7	2	3	-59.1	-61.9	0.55	-53.7	-41	12.47
HT/VHT40, M8 to M15	2	3	-59.1	-61.9	0.55	-53.7	-41	12.47
HT/VHT40 Beam Forming, M0 to M7	2	6	-59.1	-61.9	0.55	-50.7	-41	9.47
HT/VHT40 Beam Forming, M8 to M15	2	3	-59.1	-61.9	0.55	-53.7	-41	12.47
HT/VHT40 STBC, M8 to M15	2	3	-59.1	-61.9	0.55	-53.7	-41	12.47
HE40, M0 to M11 1ss	1	3	-55.2		0.24	-52.0	-41	10.71
HE40, M0 to M11 1ss	2	3	-58.7	-61.7	0.24	-53.7	-41	12.45
HE40, M0 to M11 2ss	2	3	-58.7	-61.7	0.24	-53.7	-41	12.45
HE40 Beam Forming, M0 to M11 1ss	2	6	-58.7	-61.7	0.24	-50.7	-41	9.45
HE40 Beam Forming, M0 to M11 2ss	2	3	-58.7	-61.7	0.24	-53.7	-41	12.45
HE40 STBC, M0 to M11 2ss	2	3	-58.7	-61.7	0.24	-53.7	-41	12.45

Frequency 5720 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	-54.2		0.41	-50.8	-41	9.54
Non HT20, 6 to 54 Mbps	2	3	-57.8	-61.3	0.41	-52.8	-41	11.54
Non HT20 Beam Forming, 6 to 54 Mbps	**2**	**6**	**-57.8**	**-61.3**	**0.41**	**-49.8**	**-41**	**8.54**
HT/VHT20, M0 to M7	1	3	-55.1		0.22	-51.9	-41	10.63
HT/VHT20, M0 to M7	2	3	-57.3	-62.2	0.22	-52.9	-41	11.62
HT/VHT20, M8 to M15	2	3	-57.3	-62.2	0.22	-52.9	-41	11.62
HT/VHT20 Beam Forming, M0 to M7	**2**	**6**	**-57.3**	**-62.2**	**0.22**	**-49.9**	**-41**	**8.62**
HT/VHT20 Beam Forming, M8 to M15	2	3	-57.3	-62.2	0.22	-52.9	-41	11.62
HT/VHT20 STBC, M8 to M15	2	3	-57.3	-62.2	0.22	-52.9	-41	11.62
HE20, M0 to M11 1ss	1	3	-55.3		0.22	-52.1	-41	10.83
HE20, M0 to M11 1ss	2	3	-57.7	-61.5	0.22	-53.0	-41	11.71
HE20, M0 to M11 2ss	2	3	-57.7	-61.5	0.22	-53.0	-41	11.71
HE20 Beam Forming, M0 to M11 1ss	**2**	**6**	**-57.7**	**-61.5**	**0.22**	**-50.0**	**-41**	**8.71**
HE20 Beam Forming, M0 to M11 2ss	2	3	-57.7	-61.5	0.22	-53.0	-41	11.71
HE20 STBC, M0 to M11 2ss	2	3	-57.7	-61.5	0.22	-53.0	-41	11.71

Data Screenshots – Antenna gain 3dBi average.

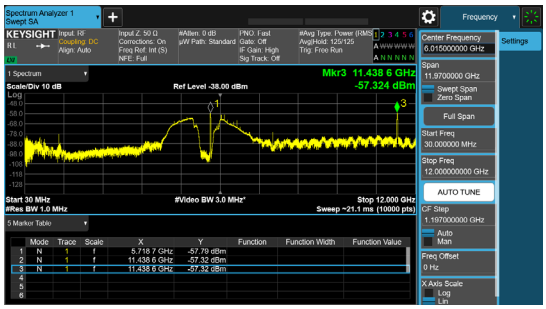
5720 MHz: Non HT20 Beam Forming, 6 to 54 Mbps



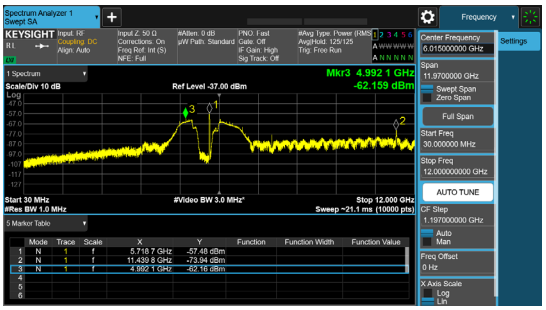
Antenna A

Antenna B

5720 MHz: HT/VHT20 Beam Forming, M0 to M7

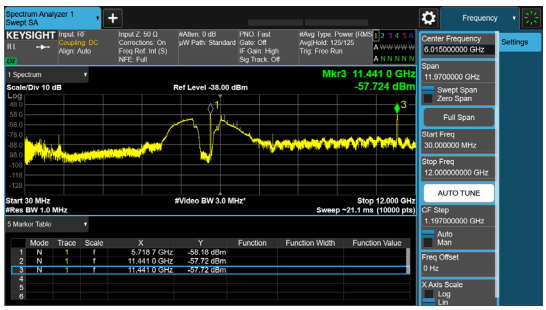


Antenna A

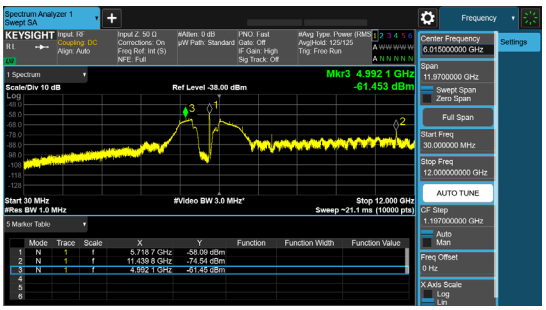


Antenna B

5720 MHz: HE20 Beam Forming, M0 to M11 1ss.



Antenna A



Antenna B

Conducted Spurious Peak Table – Antenna gain 3dBi.

Frequency 5500 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	-49.8		0.41	-46.4	-27	19.39
Non HT20, 6 to 54 Mbps	2	3	-51.9	-53.3	0.41	-46.1	-27	19.13
Non HT20 Beam Forming, 6 to 54 Mbps	2	6	-51.9	-53.3	0.41	-43.1	-27	16.13
HT/VHT20, M0 to M7	1	3	-48.9		0.22	-45.7	-27	18.68
HT/VHT20, M0 to M7	2	3	-49.6	-52.2	0.22	-44.5	-27	17.48
HT/VHT20, M8 to M15	2	3	-49.6	-52.2	0.22	-44.5	-27	17.48
HT/VHT20 Beam Forming, M0 to M7	2	6	-49.6	-52.2	0.22	-41.5	-27	14.48
HT/VHT20 Beam Forming, M8 to M15	2	3	-49.6	-52.2	0.22	-44.5	-27	17.48
HT/VHT20 STBC, M8 to M15	2	3	-49.6	-52.2	0.22	-44.5	-27	17.48
HE20, M0 to M11 1ss	1	3	-49.4		0.22	-46.2	-27	19.18
HE20, M0 to M11 1ss	2	3	-50.6	-51.7	0.22	-44.9	-27	17.88
HE20, M0 to M11 2ss	2	3	-50.6	-51.7	0.22	-44.9	-27	17.88
HE20 Beam Forming, M0 to M11 1ss	2	6	-50.6	-51.7	0.22	-41.9	-27	14.88
HE20 Beam Forming, M0 to M11 2ss	2	3	-50.6	-51.7	0.22	-44.9	-27	17.88
HE20 STBC, M0 to M11 2ss	2	3	-50.6	-51.7	0.22	-44.9	-27	17.88

Frequency 5510 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	-49.6		0.33	-46.3	-27	19.27
Non HT40, 6 to 54 Mbps	2	3	-50.4	-53.6	0.33	-45.4	-27	18.37
HT/VHT40, M0 to M7	1	3	-50.6		0.55	-47.0	-27	20.05
HT/VHT40, M0 to M7	2	3	-50.6	-51.8	0.55	-44.6	-27	17.6
HT/VHT40, M8 to M15	2	3	-50.6	-51.8	0.55	-44.6	-27	17.6
HT/VHT40 Beam Forming, M0 to M7	2	6	-52.6	-53.6	0.55	-43.5	-27	16.51
HT/VHT40 Beam Forming, M8 to M15	2	3	-50.6	-51.8	0.55	-44.6	-27	17.6
HT/VHT40 STBC, M8 to M15	2	3	-50.6	-51.8	0.55	-44.6	-27	17.6
HE40, M0 to M11 1ss	1	3	-50.5		0.24	-47.3	-27	20.26
HE40, M0 to M11 1ss	2	3	-50.0	-52.3	0.24	-44.8	-27	17.75
HE40, M0 to M11 2ss	2	3	-50.0	-52.3	0.24	-44.8	-27	17.75
HE40 Beam Forming, M0 to M11 1ss	2	6	-53.4	-53.8	0.24	-44.3	-27	17.35
HE40 Beam Forming, M0 to M11 2ss	2	3	-50.0	-52.3	0.24	-44.8	-27	17.75
HE40 STBC, M0 to M11 2ss	2	3	-50.0	-52.3	0.24	-44.8	-27	17.75

Frequency 5530 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	-50.0		0.33	-46.7	-27	19.67
Non HT80, 6 to 54 Mbps	2	3	-52.3	-53.9	0.33	-46.7	-27	19.68
VHT80, M0 to M11 1ss	1	3	-52.9		0.55	-49.3	-27	22.35
VHT80, M0 to M11 1ss	2	3	-52.7	-53.6	0.55	-46.6	-27	19.56
VHT80, M0 to M11 2ss	2	3	-52.7	-53.6	0.55	-46.6	-27	19.56
VHT80 Beam Forming, M0 to M11 1ss	2	6	-52.8	-54.1	0.55	-43.8	-27	16.84
VHT80 Beam Forming, M0 to M11 2ss	2	3	-52.7	-53.6	0.55	-46.6	-27	19.56
VHT80 STBC, M0 to M11 2ss	2	3	-52.7	-53.6	0.55	-46.6	-27	19.56
HE80, M0 to M11 1ss	1	3	-51.7		0.22	-48.5	-27	21.48
HE80, M0 to M11 1ss	2	3	-52.5	-54.0	0.22	-47.0	-27	19.95
HE80, M0 to M11 2ss	2	3	-52.5	-54.0	0.22	-47.0	-27	19.95
HE80 Beam Forming, M0 to M11 1ss	2	6	-52.7	-53.3	0.22	-43.8	-27	16.76
HE80 Beam Forming, M0 to M11 2ss	2	3	-52.5	-54.0	0.22	-47.0	-27	19.95
HE80 STBC, M0 to M11 2ss	2	3	-52.5	-54.0	0.22	-47.0	-27	19.95

Frequency 5550 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	-48.7		0.33	-45.4	-27	18.37
Non HT40, 6 to 54 Mbps	2	3	-48.7	-50.9	0.33	-43.3	-27	16.32
HT/VHT40, M0 to M7	1	3	-49.7		0.55	-46.1	-27	19.15
HT/VHT40, M0 to M7	2	3	-49.9	-50.7	0.55	-43.7	-27	16.72
HT/VHT40, M8 to M15	2	3	-49.9	-50.7	0.55	-43.7	-27	16.72
HT/VHT40 Beam Forming, M0 to M7	2	6	-49.9	-50.7	0.55	-40.7	-27	13.72
HT/VHT40 Beam Forming, M8 to M15	2	3	-49.9	-50.7	0.55	-43.7	-27	16.72
HT/VHT40 STBC, M8 to M15	2	3	-49.9	-50.7	0.55	-43.7	-27	16.72
HE40, M0 to M11 1ss	1	3	-50.2		0.24	-47.0	-27	19.96
HE40, M0 to M11 1ss	2	3	-50.2	-52.3	0.24	-44.9	-27	17.88
HE40, M0 to M11 2ss	2	3	-50.2	-52.3	0.24	-44.9	-27	17.88
HE40 Beam Forming, M0 to M11 1ss	2	6	-50.2	-52.3	0.24	-41.9	-27	14.88
HE40 Beam Forming, M0 to M11 2ss	2	3	-50.2	-52.3	0.24	-44.9	-27	17.88
HE40 STBC, M0 to M11 2ss	2	3	-50.2	-52.3	0.24	-44.9	-27	17.88

Frequency 5610 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	-50.3		0.33	-47.0	-27	19.97
Non HT80, 6 to 54 Mbps	2	3	-50.3	-51.9	0.33	-44.7	-27	17.68
VHT80, M0 to M11 1ss	1	3	-49.8		0.55	-46.2	-27	19.25
VHT80, M0 to M11 1ss	2	3	-49.8	-53.0	0.55	-44.5	-27	17.55
VHT80, M0 to M11 2ss	2	3	-49.8	-53.0	0.55	-44.5	-27	17.55
VHT80 Beam Forming, M0 to M11 1ss	2	6	-51.8	-51.0	0.55	-41.8	-27	14.82
VHT80 Beam Forming, M0 to M11 2ss	2	3	-49.8	-53.0	0.55	-44.5	-27	17.55
VHT80 STBC, M0 to M11 2ss	2	3	-49.8	-53.0	0.55	-44.5	-27	17.55
HE80, M0 to M11 1ss	1	3	-50.0		0.22	-46.8	-27	19.78
HE80, M0 to M11 1ss	2	3	-50.0	-53.0	0.22	-45.0	-27	18.01
HE80, M0 to M11 2ss	2	3	-50.0	-53.0	0.22	-45.0	-27	18.01
HE80 Beam Forming, M0 to M11 1ss	2	6	-50.6	-53.0	0.22	-42.4	-27	15.4
HE80 Beam Forming, M0 to M11 2ss	2	3	-50.0	-53.0	0.22	-45.0	-27	18.01
HE80 STBC, M0 to M11 2ss	2	3	-50.0	-53.0	0.22	-45.0	-27	18.01

Frequency 5670 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	-51.8		0.33	-48.5	-27	21.47
Non HT40, 6 to 54 Mbps	2	3	-51.9	-52.4	0.33	-45.8	-27	18.8
HT/VHT40, M0 to M7	1	3	-49.5		0.55	-45.9	-27	18.95
HT/VHT40, M0 to M7	2	3	-51.7	-53.1	0.55	-45.8	-27	18.78
HT/VHT40, M8 to M15	2	3	-51.7	-53.1	0.55	-45.8	-27	18.78
HT/VHT40 Beam Forming, M0 to M7	2	6	-51.7	-53.1	0.55	-42.8	-27	15.78
HT/VHT40 Beam Forming, M8 to M15	2	3	-51.7	-53.1	0.55	-45.8	-27	18.78
HT/VHT40 STBC, M8 to M15	2	3	-51.7	-53.1	0.55	-45.8	-27	18.78
HE40, M0 to M11 1ss	1	3	-51.1		0.24	-47.9	-27	20.86
HE40, M0 to M11 1ss	2	3	-52.3	-52.7	0.24	-46.2	-27	19.25
HE40, M0 to M11 2ss	2	3	-52.3	-52.7	0.24	-46.2	-27	19.25
HE40 Beam Forming, M0 to M11 1ss	2	6	-52.3	-52.7	0.24	-43.2	-27	16.25
HE40 Beam Forming, M0 to M11 2ss	2	3	-52.3	-52.7	0.24	-46.2	-27	19.25
HE40 STBC, M0 to M11 2ss	2	3	-52.3	-52.7	0.24	-46.2	-27	19.25

Frequency 5690 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	-51.4		0.33	-48.1	-27	21.07
Non HT80, 6 to 54 Mbps	2	3	-51.4	-53.3	0.33	-45.9	-27	18.9
VHT80, M0 to M11 1ss	1	3	-47.2		0.55	-43.6	-27	16.65
VHT80, M0 to M11 1ss	2	3	-52.1	-52.1	0.55	-45.5	-27	18.54
VHT80, M0 to M11 2ss	2	3	-52.1	-52.1	0.55	-45.5	-27	18.54
VHT80 Beam Forming, M0 to M11 1ss	2	6	-52.1	-52.1	0.55	-42.5	-27	15.54
VHT80 Beam Forming, M0 to M11 2ss	2	3	-52.1	-52.1	0.55	-45.5	-27	18.54
VHT80 STBC, M0 to M11 2ss	2	3	-52.1	-52.1	0.55	-45.5	-27	18.54
HE80, M0 to M11 1ss	1	3	-48.9		0.22	-45.7	-27	18.68
HE80, M0 to M11 1ss	2	3	-52.6	-52.9	0.22	-46.5	-27	19.51
HE80, M0 to M11 2ss	2	3	-52.6	-52.9	0.22	-46.5	-27	19.51
HE80 Beam Forming, M0 to M11 1ss	2	6	-52.6	-52.9	0.22	-43.5	-27	16.51
HE80 Beam Forming, M0 to M11 2ss	2	3	-52.6	-52.9	0.22	-46.5	-27	19.51
HE80 STBC, M0 to M11 2ss	2	3	-52.6	-52.9	0.22	-46.5	-27	19.51

Frequency 5700 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	-45.5		0.41	-42.1	-27	15.09
Non HT20, 6 to 54 Mbps	2	3	-46.8	-52.3	0.41	-42.3	-27	15.31
Non HT20 Beam Forming, 6 to 54 Mbps	2	6	-46.8	-52.3	0.41	-39.3	-27	12.31
HT/VHT20, M0 to M7	1	3	-46.4		0.22	-43.2	-27	16.18
HT/VHT20, M0 to M7	2	3	-49.0	-53.1	0.22	-44.4	-27	17.36
HT/VHT20, M8 to M15	2	3	-49.0	-53.1	0.22	-44.4	-27	17.36
HT/VHT20 Beam Forming, M0 to M7	2	6	-49.0	-53.1	0.22	-41.4	-27	14.36
HT/VHT20 Beam Forming, M8 to M15	2	3	-49.0	-53.1	0.22	-44.4	-27	17.36
HT/VHT20 STBC, M8 to M15	2	3	-49.0	-53.1	0.22	-44.4	-27	17.36
HE20, M0 to M11 1ss	1	3	-44.8		0.22	-41.6	-27	14.58
HE20, M0 to M11 1ss	2	3	-49.7	-52.4	0.22	-44.6	-27	17.61
HE20, M0 to M11 2ss	2	3	-49.7	-52.4	0.22	-44.6	-27	17.61
HE20 Beam Forming, M0 to M11 1ss	2	6	-49.7	-52.4	0.22	-41.6	-27	14.61
HE20 Beam Forming, M0 to M11 2ss	2	3	-49.7	-52.4	0.22	-44.6	-27	17.61
HE20 STBC, M0 to M11 2ss	2	3	-49.7	-52.4	0.22	-44.6	-27	17.61

Frequency 5710 MHz

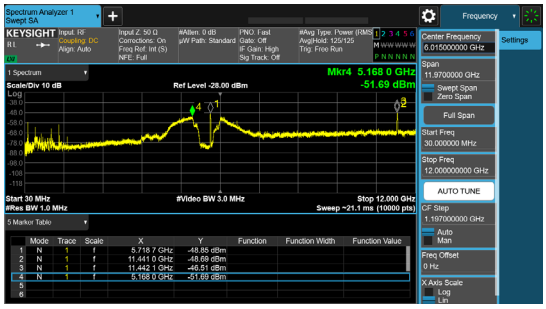
Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 Spur Power (dBm)	Tx 2 Spur Power (dBm)	Duty Cycle (dB)	Total Conducted Spur (dBm)	Limit (dB)	Margin (dB)
Non HT40, 6 to 54 Mbps	1	3	-47.9		0.33	-44.6	-27	17.57
Non HT40, 6 to 54 Mbps	2	3	-47.9	-53.1	0.33	-43.4	-27	16.42
HT/VHT40, M0 to M7	1	3	-47.9		0.55	-44.3	-27	17.35
HT/VHT40, M0 to M7	2	3	-49.1	-52.9	0.55	-44.0	-27	17.03
HT/VHT40, M8 to M15	2	3	-49.1	-52.9	0.55	-44.0	-27	17.03
HT/VHT40 Beam Forming, M0 to M7	2	6	-49.1	-52.9	0.55	-41.0	-27	14.03
HT/VHT40 Beam Forming, M8 to M15	2	3	-49.1	-52.9	0.55	-44.0	-27	17.03
HT/VHT40 STBC, M8 to M15	2	3	-49.1	-52.9	0.55	-44.0	-27	17.03
HE40, M0 to M11 1ss	1	3	-47.9		0.24	-44.7	-27	17.66
HE40, M0 to M11 1ss	2	3	-49.2	-52.1	0.24	-44.2	-27	17.16
HE40, M0 to M11 2ss	2	3	-49.2	-52.1	0.24	-44.2	-27	17.16
HE40 Beam Forming, M0 to M11 1ss	2	6	-49.2	-52.1	0.24	-41.2	-27	14.16
HE40 Beam Forming, M0 to M11 2ss	2	3	-49.2	-52.1	0.24	-44.2	-27	17.16
HE40 STBC, M0 to M11 2ss	2	3	-49.2	-52.1	0.24	-44.2	-27	17.16

Frequency 5720 MHz

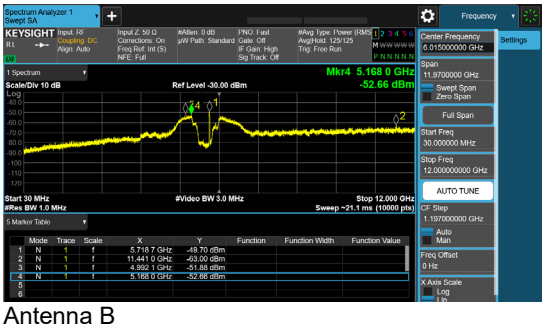
Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 Spur Power (dBm)	Tx 2 Spur Power (dBm)	Duty Cycle (dB)	Total Conducted Spur (dBm)	Limit (dB)	Margin (dB)
Non HT20, 6 to 54 Mbps	**1**	**3**	**-42.6**		**0.41**	**-39.2**	**-27**	**12.19**
Non HT20, 6 to 54 Mbps	2	3	-46.5	-51.9	0.41	-42.0	-27	14.99
Non HT20 Beam Forming, 6 to 54 Mbps	**2**	**6**	**-46.5**	**-51.9**	**0.41**	**-39.0**	**-27**	**11.99**
HT/VHT20, M0 to M7	1	3	-44.7		0.22	-41.5	-27	14.48
HT/VHT20, M0 to M7	2	3	-46.1	-52.8	0.22	-42.0	-27	15.04
HT/VHT20, M8 to M15	2	3	-46.1	-52.8	0.22	-42.0	-27	15.04
HT/VHT20 Beam Forming, M0 to M7	**2**	**6**	**-46.1**	**-52.8**	**0.22**	**-39.0**	**-27**	**12.04**
HT/VHT20 Beam Forming, M8 to M15	2	3	-46.1	-52.8	0.22	-42.0	-27	15.04
HT/VHT20 STBC, M8 to M15	2	3	-46.1	-52.8	0.22	-42.0	-27	15.04
HE20, M0 to M11 1ss	1	3	-44.7		0.22	-41.5	-27	14.48
HE20, M0 to M11 1ss	2	3	-47.1	-52.8	0.22	-42.8	-27	15.84
HE20, M0 to M11 2ss	2	3	-47.1	-52.8	0.22	-42.8	-27	15.84
HE20 Beam Forming, M0 to M11 1ss	2	6	-47.1	-52.8	0.22	-39.8	-27	12.84
HE20 Beam Forming, M0 to M11 2ss	2	3	-47.1	-52.8	0.22	-42.8	-27	15.84
HE20 STBC, M0 to M11 2ss	2	3	-47.1	-52.8	0.22	-42.8	-27	15.84

Data Screenshots – Antenna gain 3dBi peak.

5720 MHz: Non HT20 Beam Forming, 6 to 54 Mbps

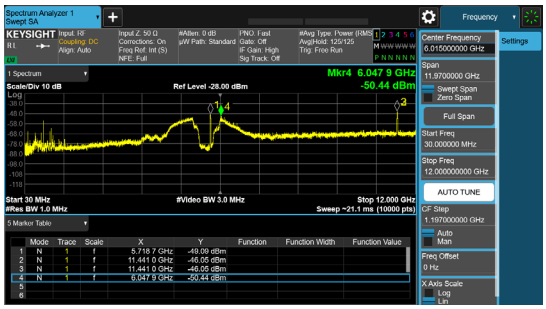


Antenna A

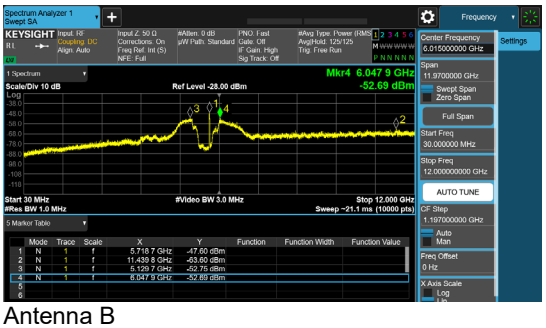


Antenna B

5720 MHz: HT/VHT20 Beam Forming, M0 to M7

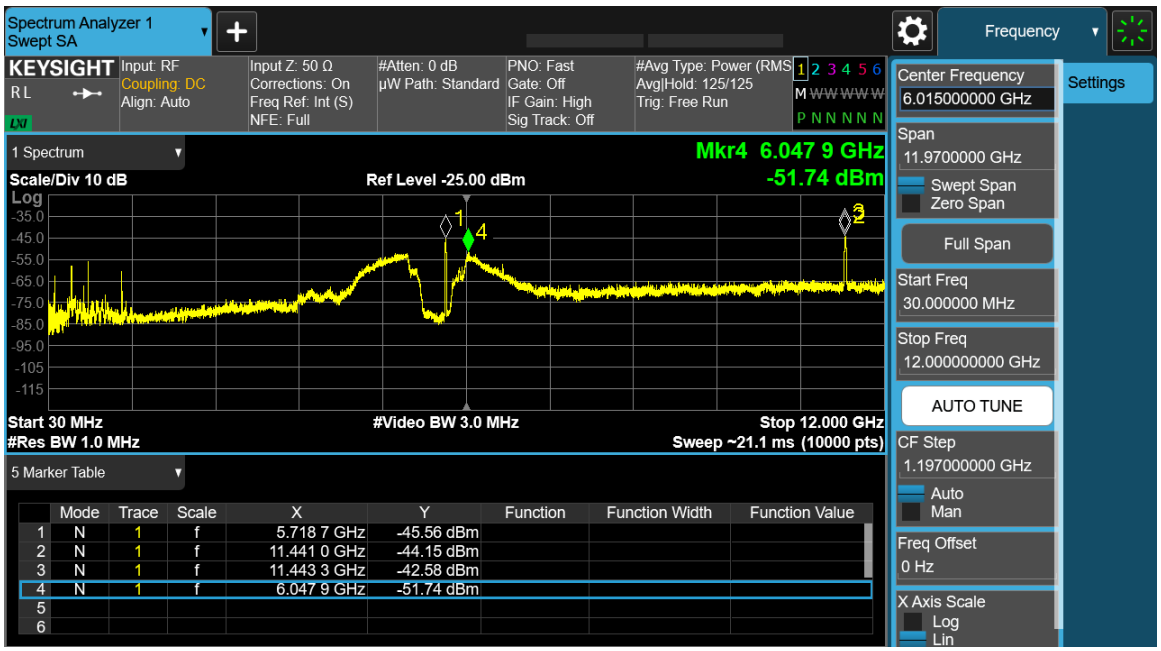


Antenna A



Antenna B

5720 MHz: Non HT20, 6 to 54 Mbps



Antenna A

Conducted Spurious Average Table – Antenna gain 8dBi.

Frequency 5500 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	-59.3		0.41	-50.9	-41	9.64
Non HT20, 6 to 54 Mbps	2	8	-65.0	-63.1	0.41	-52.5	-41	11.28
Non HT20 Beam Forming, 6 to 54 Mbps	2	11	-65.0	-63.1	0.41	-49.5	-41	8.28
HT/VHT20, M0 to M7	1	8	-59.6		0.22	-51.4	-41	10.13
HT/VHT20, M0 to M7	2	8	-63.8	-63.3	0.22	-52.3	-41	11.07
HT/VHT20, M8 to M15	2	8	-61.9	-62.5	0.22	-51.0	-41	9.71
HT/VHT20 Beam Forming, M0 to M7	2	11	-63.8	-63.3	0.22	-49.3	-41	8.07
HT/VHT20 Beam Forming, M8 to M15	2	8	-61.9	-62.5	0.22	-51.0	-41	9.71
HT/VHT20 STBC, M8 to M15	2	8	-61.9	-62.5	0.22	-51.0	-41	9.71
HE20, M0 to M11 1ss	1	8	-59.6		0.22	-51.4	-41	10.13
HE20, M0 to M11 1ss	2	8	-63.4	-62.6	0.22	-51.7	-41	10.5
HE20, M0 to M11 2ss	2	8	-62.0	-62.2	0.22	-50.9	-41	9.61
HE20 Beam Forming, M0 to M11 1ss	2	11	-63.4	-62.6	0.22	-48.7	-41	7.5
HE20 Beam Forming, M0 to M11 2ss	2	8	-62.0	-62.2	0.22	-50.9	-41	9.61
HE20 STBC, M0 to M11 2ss	2	8	-62.0	-62.2	0.22	-50.9	-41	9.61

Frequency 5510 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	-61.9		0.33	-53.6	-41	12.32
Non HT40, 6 to 54 Mbps	2	8	-61.9	-62.0	0.33	-50.6	-41	9.36
HT/VHT40, M0 to M7	1	8	-62.1		0.55	-53.5	-41	12.3
HT/VHT40, M0 to M7	2	8	-62.0	-62.7	0.55	-50.8	-41	9.52
HT/VHT40, M8 to M15	2	8	-62.0	-62.7	0.55	-50.8	-41	9.52
HT/VHT40 Beam Forming, M0 to M7	2	11	-63.6	-63.0	0.55	-48.7	-41	7.48
HT/VHT40 Beam Forming, M8 to M15	2	8	-62.0	-62.7	0.55	-50.8	-41	9.52
HT/VHT40 STBC, M8 to M15	2	8	-62.0	-62.7	0.55	-50.8	-41	9.52
HE40, M0 to M11 1ss	1	8	-62.2		0.24	-54.0	-41	12.71
HE40, M0 to M11 1ss	2	8	-63.8	-62.1	0.24	-51.6	-41	10.37
HE40, M0 to M11 2ss	2	8	-63.8	-62.1	0.24	-51.6	-41	10.37
HE40 Beam Forming, M0 to M11 1ss	2	11	-65.1	-63.4	0.24	-49.9	-41	8.67
HE40 Beam Forming, M0 to M11 2ss	2	8	-63.8	-62.1	0.24	-51.6	-41	10.37
HE40 STBC, M0 to M11 2ss	2	8	-63.8	-62.1	0.24	-51.6	-41	10.37

Frequency 5530 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	-62.0		0.33	-53.7	-41	12.42
Non HT80, 6 to 54 Mbps	2	8	-63.4	-63.1	0.33	-51.9	-41	10.66
VHT80, M0 to M11 1ss	1	8	-62.3		0.55	-53.7	-41	12.5
VHT80, M0 to M11 1ss	2	8	-63.6	-63.0	0.55	-51.7	-41	10.48
VHT80, M0 to M11 2ss	2	8	-63.6	-63.0	0.55	-51.7	-41	10.48
VHT80 Beam Forming, M0 to M11 1ss	2	11	-65.1	-63.2	0.55	-49.5	-41	8.23
VHT80 Beam Forming, M0 to M11 2ss	2	8	-63.6	-63.0	0.55	-51.7	-41	10.48
VHT80 STBC, M0 to M11 2ss	2	8	-63.6	-63.0	0.55	-51.7	-41	10.48
HE80, M0 to M11 1ss	1	8	-61.7		0.22	-53.5	-41	12.23
HE80, M0 to M11 1ss	2	8	-63.7	-62.7	0.22	-51.9	-41	10.69
HE80, M0 to M11 2ss	2	8	-63.7	-62.7	0.22	-51.9	-41	10.69
HE80 Beam Forming, M0 to M11 1ss	2	11	-64.7	-63.7	0.22	-49.9	-41	8.69
HE80 Beam Forming, M0 to M11 2ss	2	8	-63.7	-62.7	0.22	-51.9	-41	10.69
HE80 STBC, M0 to M11 2ss	2	8	-63.7	-62.7	0.22	-51.9	-41	10.69

Frequency 5550 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		0.33	-51.7	-41	10.42
Non HT40, 6 to 54 Mbps	2	8	-62.4	-62.2	0.33	-51.0	-41	9.71
HT/VHT40, M0 to M7	1	8	-60.3		0.55	-51.7	-41	10.5
HT/VHT40, M0 to M7	2	8	-62.6	-63.1	0.55	-51.3	-41	10.03
HT/VHT40, M8 to M15	2	8	-60.4	-61.2	0.55	-49.2	-41	7.97
HT/VHT40 Beam Forming, M0 to M7	2	11	-62.9	-63.0	0.55	-48.4	-41	7.14
HT/VHT40 Beam Forming, M8 to M15	2	8	-60.4	-61.2	0.55	-49.2	-41	7.97
HT/VHT40 STBC, M8 to M15	2	8	-60.4	-61.2	0.55	-49.2	-41	7.97
HE40, M0 to M11 1ss	1	8	-60.1		0.24	-51.9	-41	10.61
HE40, M0 to M11 1ss	2	8	-62.6	-62.3	0.24	-51.2	-41	9.95
HE40, M0 to M11 2ss	2	8	-60.0	-60.8	0.24	-49.1	-41	7.88
HE40 Beam Forming, M0 to M11 1ss	2	11	-62.6	-62.3	0.24	-48.2	-41	6.95
HE40 Beam Forming, M0 to M11 2ss	2	8	-60.0	-60.8	0.24	-49.1	-41	7.88
HE40 STBC, M0 to M11 2ss	2	8	-60.0	-60.8	0.24	-49.1	-41	7.88

Frequency 5610 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	-59.3		0.33	-51.0	-41	9.72
Non HT80, 6 to 54 Mbps	2	8	-59.6	-62.1	0.33	-49.3	-41	8.08
VHT80, M0 to M11 1ss	1	8	-60.3		0.55	-51.7	-41	10.5
VHT80, M0 to M11 1ss	2	8	-59.7	-62.4	0.55	-49.3	-41	8.03
VHT80, M0 to M11 2ss	2	8	-59.7	-62.4	0.55	-49.3	-41	8.03
VHT80 Beam Forming, M0 to M11 1ss	2	11	-62.3	-63.4	0.55	-48.3	-41	7.0
VHT80 Beam Forming, M0 to M11 2ss	2	8	-59.7	-62.4	0.55	-49.3	-41	8.03
VHT80 STBC, M0 to M11 2ss	2	8	-59.7	-62.4	0.55	-49.3	-41	8.03
HE80, M0 to M11 1ss	1	8	-60.0		0.22	-51.8	-41	10.53
HE80, M0 to M11 1ss	2	8	-59.6	-62.2	0.22	-49.5	-41	8.22
HE80, M0 to M11 2ss	2	8	-59.6	-62.2	0.22	-49.5	-41	8.22
HE80 Beam Forming, M0 to M11 1ss	2	11	-62.1	-62.9	0.22	-48.2	-41	7.0
HE80 Beam Forming, M0 to M11 2ss	2	8	-59.6	-62.2	0.22	-49.5	-41	8.22
HE80 STBC, M0 to M11 2ss	2	8	-59.6	-62.2	0.22	-49.5	-41	8.22

Frequency 5670 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	-59.3		0.33	-51.0	-41	9.72
Non HT40, 6 to 54 Mbps	2	8	-61.9	-63.0	0.33	-51.1	-41	9.82
HT/VHT40, M0 to M7	1	8	-59.0		0.55	-50.4	-41	9.2
HT/VHT40, M0 to M7	2	8	-61.5	-63.1	0.55	-50.7	-41	9.41
HT/VHT40, M8 to M15	2	8	-59.2	-62.1	0.55	-48.8	-41	7.6
HT/VHT40 Beam Forming, M0 to M7	2	11	-61.7	-63.1	0.55	-47.8	-41	6.53
HT/VHT40 Beam Forming, M8 to M15	2	8	-59.2	-62.1	0.55	-48.8	-41	7.6
HT/VHT40 STBC, M8 to M15	2	8	-59.2	-62.1	0.55	-48.8	-41	7.6
HE40, M0 to M11 1ss	1	8	-58.9		0.24	-50.7	-41	9.41
HE40, M0 to M11 1ss	2	8	-61.2	-62.8	0.24	-50.7	-41	9.43
HE40, M0 to M11 2ss	2	8	-58.9	-62.9	0.24	-49.2	-41	7.96
HE40 Beam Forming, M0 to M11 1ss	2	11	-61.2	-62.8	0.24	-47.7	-41	6.43
HE40 Beam Forming, M0 to M11 2ss	2	8	-58.9	-62.9	0.24	-49.2	-41	7.96
HE40 STBC, M0 to M11 2ss	2	8	-58.9	-62.9	0.24	-49.2	-41	7.96

Frequency 5690 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	-59.1		0.33	-50.8	-41	9.52
Non HT80, 6 to 54 Mbps	2	8	-59.1	-63.0	0.33	-49.3	-41	8.03
VHT80, M0 to M11 1ss	1	8	-55.7		0.55	-47.1	-41	5.9
VHT80, M0 to M11 1ss	2	8	-59.2	-61.6	0.55	-48.7	-41	7.42
VHT80, M0 to M11 2ss	2	8	-59.2	-61.6	0.55	-48.7	-41	7.42
VHT80 Beam Forming, M0 to M11 1ss	2	11	-62.1	-62.8	0.55	-47.9	-41	6.62
VHT80 Beam Forming, M0 to M11 2ss	2	8	-59.2	-61.6	0.55	-48.7	-41	7.42
VHT80 STBC, M0 to M11 2ss	2	8	-59.2	-61.6	0.55	-48.7	-41	7.42
HE80, M0 to M11 1ss	**1**	**8**	**-55.3**		**0.22**	**-47.1**	**-41**	**5.83**
HE80, M0 to M11 1ss	2	8	-58.8	-61.5	0.22	-48.7	-41	7.46
HE80, M0 to M11 2ss	2	8	-58.8	-61.5	0.22	-48.7	-41	7.46
HE80 Beam Forming, M0 to M11 1ss	2	11	-62.1	-62.5	0.22	-48.1	-41	6.81
HE80 Beam Forming, M0 to M11 2ss	2	8	-58.8	-61.5	0.22	-48.7	-41	7.46
HE80 STBC, M0 to M11 2ss	2	8	-58.8	-61.5	0.22	-48.7	-41	7.46

Frequency 5700 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	-58.4		0.41	-50.0	-41	8.74
Non HT20, 6 to 54 Mbps	2	8	-64.2	-63.5	0.41	-52.4	-41	11.17
Non HT20 Beam Forming, 6 to 54 Mbps	2	11	-64.2	-63.5	0.41	-49.4	-41	8.17
HT/VHT20, M0 to M7	1	8	-58.9		0.22	-50.7	-41	9.43
HT/VHT20, M0 to M7	2	8	-62.9	-63.2	0.22	-51.8	-41	10.57
HT/VHT20, M8 to M15	2	8	-60.9	-62.5	0.22	-50.4	-41	9.15
HT/VHT20 Beam Forming, M0 to M7	2	11	-62.9	-63.2	0.22	-48.8	-41	7.57
HT/VHT20 Beam Forming, M8 to M15	2	8	-60.9	-62.5	0.22	-50.4	-41	9.15
HT/VHT20 STBC, M8 to M15	2	8	-60.9	-62.5	0.22	-50.4	-41	9.15
HE20, M0 to M11 1ss	1	8	-58.9		0.22	-50.7	-41	9.43
HE20, M0 to M11 1ss	2	8	-63.9	-63.3	0.22	-52.4	-41	11.11
HE20, M0 to M11 2ss	2	8	-61.0	-62.5	0.22	-50.5	-41	9.2
HE20 Beam Forming, M0 to M11 1ss	2	11	-63.9	-63.3	0.22	-49.4	-41	8.11
HE20 Beam Forming, M0 to M11 2ss	2	8	-61.0	-62.5	0.22	-50.5	-41	9.2
HE20 STBC, M0 to M11 2ss	2	8	-61.0	-62.5	0.22	-50.5	-41	9.2

Frequency 5710 MHz

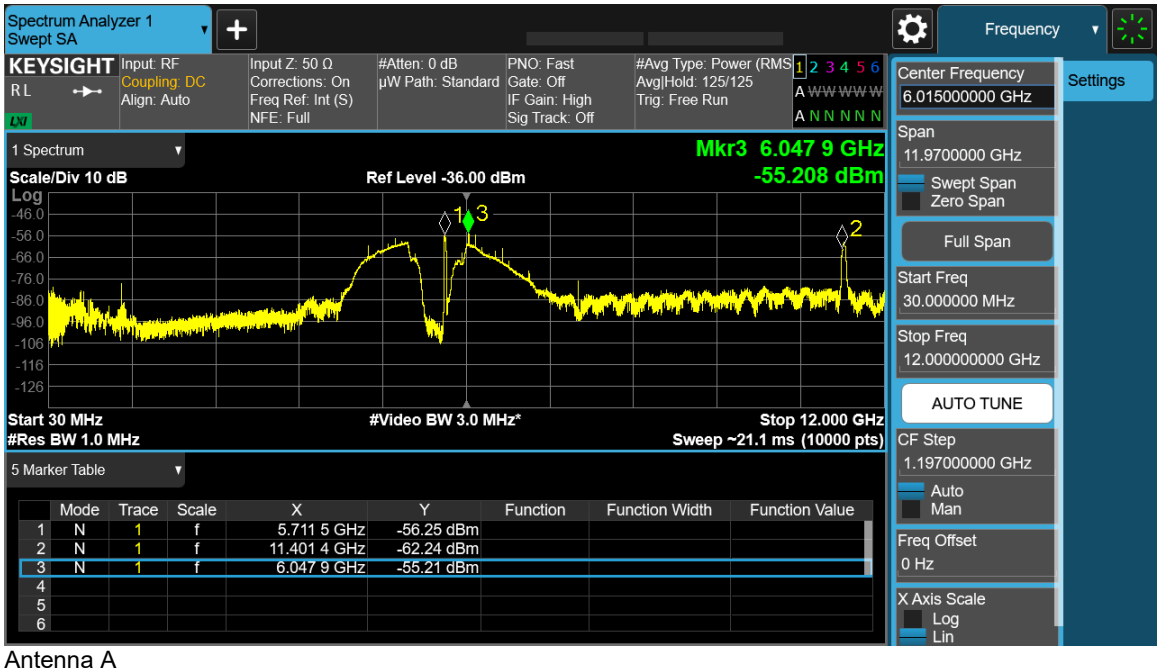
Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 Spur Power (dBm)	Tx 2 Spur Power (dBm)	Duty Cycle (dB)	Total Conducted Spur (dBm)	Limit (dB)	Margin (dB)
Non HT40, 6 to 54 Mbps	1	8	-57.6		0.33	-49.3	-41	8.02
Non HT40, 6 to 54 Mbps	2	8	-60.9	-62.8	0.33	-50.4	-41	9.15
HT/VHT40, M0 to M7	**1**	**8**	**-55.2**		**0.55**	**-46.6**	**-41**	**5.4**
HT/VHT40, M0 to M7	2	8	-62.5	-63.2	0.55	-51.3	-41	10.02
HT/VHT40, M8 to M15	2	8	-59.4	-61.8	0.55	-48.9	-41	7.62
HT/VHT40 Beam Forming, M0 to M7	2	11	-62.5	-63.2	0.55	-48.3	-41	7.02
HT/VHT40 Beam Forming, M8 to M15	2	8	-59.4	-61.8	0.55	-48.9	-41	7.62
HT/VHT40 STBC, M8 to M15	2	8	-59.4	-61.8	0.55	-48.9	-41	7.62
HE40, M0 to M11 1ss	**1**	**8**	**-55.2**		**0.24**	**-47.0**	**-41**	**5.71**
HE40, M0 to M11 1ss	2	8	-60.7	-62.8	0.24	-50.4	-41	9.13
HE40, M0 to M11 2ss	2	8	-58.6	-61.6	0.24	-48.6	-41	7.35
HE40 Beam Forming, M0 to M11 1ss	2	11	-62.3	-62.6	0.24	-48.2	-41	6.95
HE40 Beam Forming, M0 to M11 2ss	2	8	-58.6	-61.6	0.24	-48.6	-41	7.35
HE40 STBC, M0 to M11 2ss	2	8	-58.6	-61.6	0.24	-48.6	-41	7.35

Frequency 5720 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	-56.8		0.41	-48.4	-41	7.14
Non HT20, 6 to 54 Mbps	2	8	-64.0	-63.0	0.41	-52.1	-41	10.8
Non HT20 Beam Forming, 6 to 54 Mbps	2	11	-64.0	-63.0	0.41	-49.1	-41	7.8
HT/VHT20, M0 to M7	1	8	-56.5		0.22	-48.3	-41	7.03
HT/VHT20, M0 to M7	2	8	-62.8	-63.2	0.22	-51.8	-41	10.52
HT/VHT20, M8 to M15	2	8	-60.5	-62.8	0.22	-50.3	-41	9.02
HT/VHT20 Beam Forming, M0 to M7	2	11	-62.8	-63.2	0.22	-48.8	-41	7.52
HT/VHT20 Beam Forming, M8 to M15	2	8	-60.5	-62.8	0.22	-50.3	-41	9.02
HT/VHT20 STBC, M8 to M15	2	8	-60.5	-62.8	0.22	-50.3	-41	9.02
HE20, M0 to M11 1ss	1	8	-56.5		0.22	-48.3	-41	7.03
HE20, M0 to M11 1ss	2	8	-62.0	-63.0	0.22	-51.2	-41	9.99
HE20, M0 to M11 2ss	2	8	-60.5	-62.3	0.22	-50.1	-41	8.82
HE20 Beam Forming, M0 to M11 1ss	2	11	-62.0	-63.0	0.22	-48.2	-41	6.99
HE20 Beam Forming, M0 to M11 2ss	2	8	-60.5	-62.3	0.22	-50.1	-41	8.82
HE20 STBC, M0 to M11 2ss	2	8	-60.5	-62.3	0.22	-50.1	-41	8.82

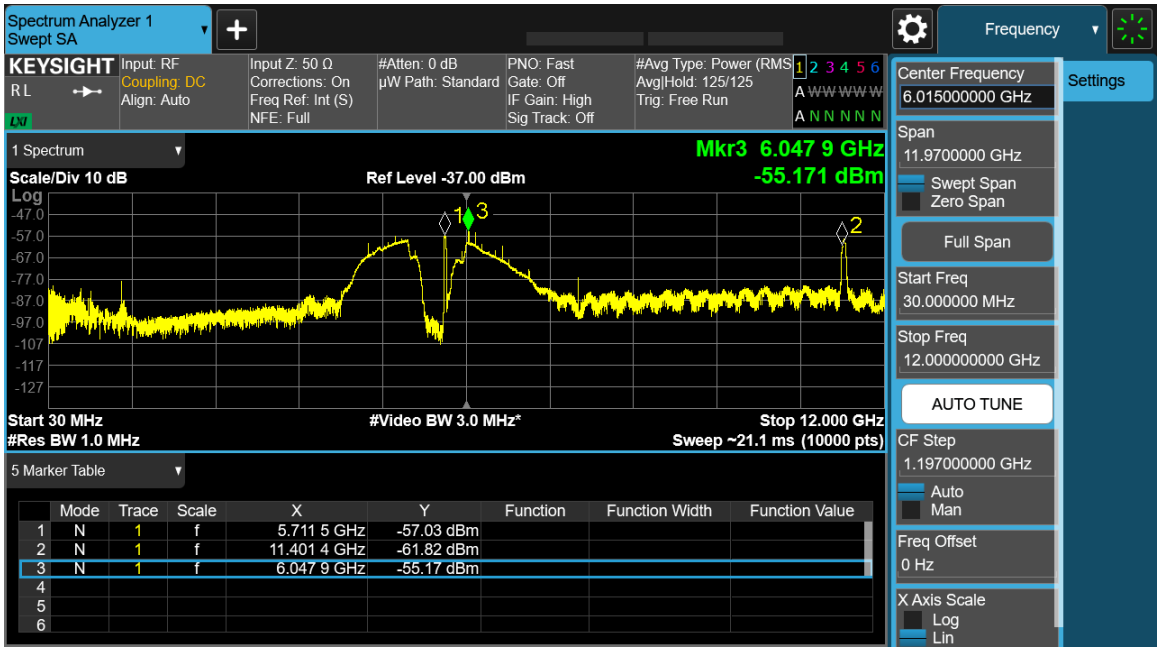
Data Screenshots – Antenna gain 8dBi average.

5710 MHz: HT/VHT40, M0 to M7



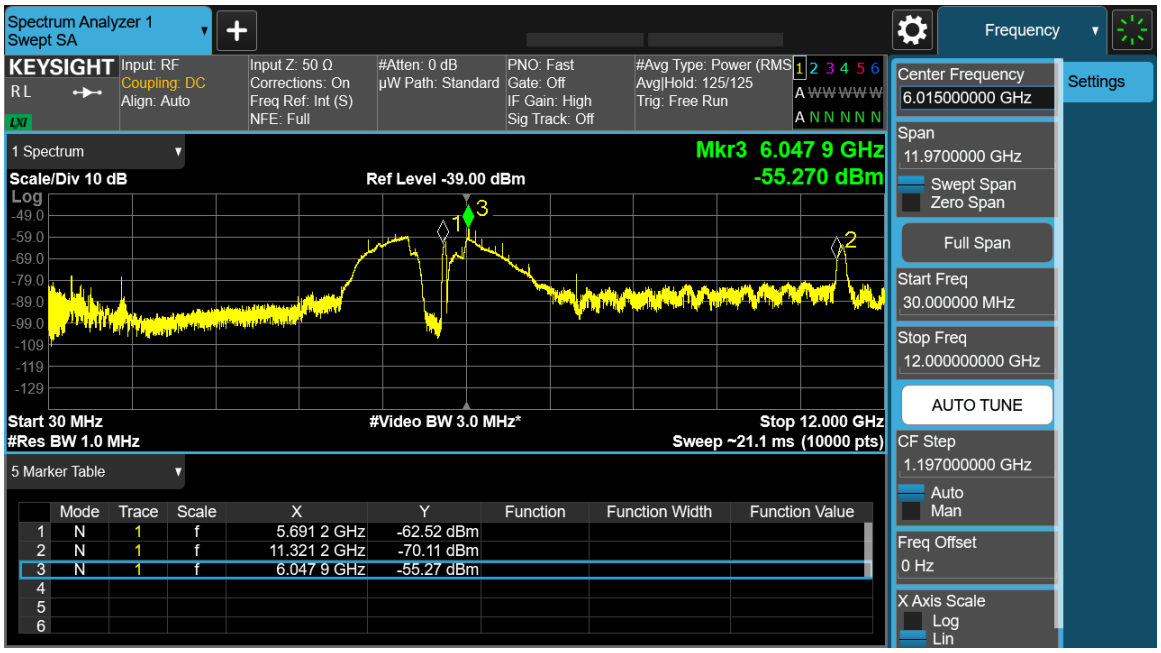
Antenna A

5710 MHz: HE40, M0 to M11 1ss



Antenna A

5690 MHz: HE80, M0 to M11 1ss



Antenna A

Conducted Spurious Peak Table – Antenna gain 8dBi.

Frequency 5500 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	-50.1		0.41	-41.7	-27	14.69
Non HT20, 6 to 54 Mbps	2	8	-55.2	-56.1	0.41	-44.2	-27	17.21
Non HT20 Beam Forming, 6 to 54 Mbps	2	11	-55.2	-56.1	0.41	-41.2	-27	14.21
HT/VHT20, M0 to M7	1	8	-49.3		0.22	-41.1	-27	14.08
HT/VHT20, M0 to M7	2	8	-54.1	-54.9	0.22	-43.3	-27	16.26
HT/VHT20, M8 to M15	2	8	-52.5	-54.1	0.22	-42.0	-27	15.0
HT/VHT20 Beam Forming, M0 to M7	2	11	-54.1	-54.9	0.22	-40.3	-27	13.26
HT/VHT20 Beam Forming, M8 to M15	2	8	-52.5	-54.1	0.22	-42.0	-27	15.0
HT/VHT20 STBC, M8 to M15	2	8	-52.5	-54.1	0.22	-42.0	-27	15.0
HE20, M0 to M11 1ss	1	8	-50.5		0.22	-42.3	-27	15.28
HE20, M0 to M11 1ss	2	8	-54.4	-55.0	0.22	-43.5	-27	16.46
HE20, M0 to M11 2ss	2	8	-52.3	-54.1	0.22	-41.9	-27	14.87
HE20 Beam Forming, M0 to M11 1ss	2	11	-54.4	-55.0	0.22	-40.5	-27	13.46
HE20 Beam Forming, M0 to M11 2ss	2	8	-52.3	-54.1	0.22	-41.9	-27	14.87
HE20 STBC, M0 to M11 2ss	2	8	-52.3	-54.1	0.22	-41.9	-27	14.87

Frequency 5510 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	-50.4		0.33	-42.1	-27	15.07
Non HT40, 6 to 54 Mbps	2	8	-52.8	-54.4	0.33	-42.2	-27	15.18
HT/VHT40, M0 to M7	1	8	-52.6		0.55	-44.0	-27	17.05
HT/VHT40, M0 to M7	2	8	-53.2	-53.9	0.55	-42.0	-27	14.97
HT/VHT40, M8 to M15	2	8	-53.2	-53.9	0.55	-42.0	-27	14.97
HT/VHT40 Beam Forming, M0 to M7	2	11	-54.5	-55.2	0.55	-40.3	-27	13.27
HT/VHT40 Beam Forming, M8 to M15	2	8	-53.2	-53.9	0.55	-42.0	-27	14.97
HT/VHT40 STBC, M8 to M15	2	8	-53.2	-53.9	0.55	-42.0	-27	14.97
HE40, M0 to M11 1ss	1	8	-53.4		0.24	-45.2	-27	18.16
HE40, M0 to M11 1ss	2	8	-54.3	-53.6	0.24	-42.7	-27	15.69
HE40, M0 to M11 2ss	2	8	-54.3	-53.6	0.24	-42.7	-27	15.69
HE40 Beam Forming, M0 to M11 1ss	2	11	-55.6	-55.3	0.24	-41.2	-27	14.2
HE40 Beam Forming, M0 to M11 2ss	2	8	-54.3	-53.6	0.24	-42.7	-27	15.69
HE40 STBC, M0 to M11 2ss	2	8	-54.3	-53.6	0.24	-42.7	-27	15.69

Frequency 5530 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	-52.1		0.33	-43.8	-27	16.77
Non HT80, 6 to 54 Mbps	2	8	-53.3	-54.4	0.33	-42.5	-27	15.47
VHT80, M0 to M11 1ss	1	8	-52.8		0.55	-44.2	-27	17.25
VHT80, M0 to M11 1ss	2	8	-54.3	-55.2	0.55	-43.2	-27	16.16
VHT80, M0 to M11 2ss	2	8	-54.3	-55.2	0.55	-43.2	-27	16.16
VHT80 Beam Forming, M0 to M11 1ss	2	11	-56.2	-55.6	0.55	-41.3	-27	14.33
VHT80 Beam Forming, M0 to M11 2ss	2	8	-54.3	-55.2	0.55	-43.2	-27	16.16
VHT80 STBC, M0 to M11 2ss	2	8	-54.3	-55.2	0.55	-43.2	-27	16.16
HE80, M0 to M11 1ss	1	8	-52.7		0.22	-44.5	-27	17.48
HE80, M0 to M11 1ss	2	8	-54.5	-55.2	0.22	-43.6	-27	16.6
HE80, M0 to M11 2ss	2	8	-54.5	-55.2	0.22	-43.6	-27	16.6
HE80 Beam Forming, M0 to M11 1ss	2	11	-56.1	-55.5	0.22	-41.6	-27	14.56
HE80 Beam Forming, M0 to M11 2ss	2	8	-54.5	-55.2	0.22	-43.6	-27	16.6
HE80 STBC, M0 to M11 2ss	2	8	-54.5	-55.2	0.22	-43.6	-27	16.6

Frequency 5550 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	-48.7		0.33	-40.4	-27	13.37
Non HT40, 6 to 54 Mbps	2	8	-52.3	-53.8	0.33	-41.6	-27	14.64
HT/VHT40, M0 to M7	1	8	-49.7		0.55	-41.1	-27	14.15
HT/VHT40, M0 to M7	2	8	-52.6	-52.6	0.55	-41.0	-27	14.04
HT/VHT40, M8 to M15	2	8	-50.5	-52.8	0.55	-39.9	-27	12.94
HT/VHT40 Beam Forming, M0 to M7	2	11	-53.0	-54.5	0.55	-39.1	-27	12.12
HT/VHT40 Beam Forming, M8 to M15	2	8	-50.5	-52.8	0.55	-39.9	-27	12.94
HT/VHT40 STBC, M8 to M15	2	8	-50.5	-52.8	0.55	-39.9	-27	12.94
HE40, M0 to M11 1ss	1	8	-50.2		0.24	-42.0	-27	14.96
HE40, M0 to M11 1ss	2	8	-52.5	-54.0	0.24	-41.9	-27	14.94
HE40, M0 to M11 2ss	2	8	-50.5	-52.8	0.24	-40.3	-27	13.25
HE40 Beam Forming, M0 to M11 1ss	2	11	-52.5	-54.0	0.24	-38.9	-27	11.94
HE40 Beam Forming, M0 to M11 2ss	2	8	-50.5	-52.8	0.24	-40.3	-27	13.25
HE40 STBC, M0 to M11 2ss	2	8	-50.5	-52.8	0.24	-40.3	-27	13.25

Frequency 5610 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	-50.3		0.33	-42.0	-27	14.97
Non HT80, 6 to 54 Mbps	2	8	-50.3	-52.5	0.33	-39.9	-27	12.92
VHT80, M0 to M11 1ss	1	8	-49.8		0.55	-41.2	-27	14.25
VHT80, M0 to M11 1ss	2	8	-50.7	-53.0	0.55	-40.1	-27	13.14
VHT80, M0 to M11 2ss	2	8	-50.7	-53.0	0.55	-40.1	-27	13.14
VHT80 Beam Forming, M0 to M11 1ss	2	11	-53.8	-55.1	0.55	-39.8	-27	12.84
VHT80 Beam Forming, M0 to M11 2ss	2	8	-50.7	-53.0	0.55	-40.1	-27	13.14
VHT80 STBC, M0 to M11 2ss	2	8	-50.7	-53.0	0.55	-40.1	-27	13.14
HE80, M0 to M11 1ss	1	8	-50.0		0.22	-41.8	-27	14.78
HE80, M0 to M11 1ss	2	8	-51.4	-53.0	0.22	-40.9	-27	13.89
HE80, M0 to M11 2ss	2	8	-51.4	-53.0	0.22	-40.9	-27	13.89
HE80 Beam Forming, M0 to M11 1ss	2	11	-54.1	-54.6	0.22	-40.1	-27	13.11
HE80 Beam Forming, M0 to M11 2ss	2	8	-51.4	-53.0	0.22	-40.9	-27	13.89
HE80 STBC, M0 to M11 2ss	2	8	-51.4	-53.0	0.22	-40.9	-27	13.89

Frequency 5670 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	-51.9		0.33	-43.6	-27	16.57
Non HT40, 6 to 54 Mbps	2	8	-53.1	-55.6	0.33	-42.8	-27	15.83
HT/VHT40, M0 to M7	1	8	-51.7		0.55	-43.1	-27	16.15
HT/VHT40, M0 to M7	2	8	-54.0	-54.6	0.55	-42.7	-27	15.73
HT/VHT40, M8 to M15	2	8	-51.6	-52.3	0.55	-40.4	-27	13.37
HT/VHT40 Beam Forming, M0 to M7	2	11	-54.4	-56.0	0.55	-40.6	-27	13.56
HT/VHT40 Beam Forming, M8 to M15	2	8	-51.6	-52.3	0.55	-40.4	-27	13.37
HT/VHT40 STBC, M8 to M15	2	8	-51.6	-52.3	0.55	-40.4	-27	13.37
HE40, M0 to M11 1ss	1	8	-52.3		0.24	-44.1	-27	17.06
HE40, M0 to M11 1ss	2	8	-54.2	-55.0	0.24	-43.3	-27	16.33
HE40, M0 to M11 2ss	2	8	-51.7	-53.5	0.24	-41.3	-27	14.26
HE40 Beam Forming, M0 to M11 1ss	2	11	-54.2	-55.0	0.24	-40.3	-27	13.33
HE40 Beam Forming, M0 to M11 2ss	2	8	-51.7	-53.5	0.24	-41.3	-27	14.26
HE40 STBC, M0 to M11 2ss	2	8	-51.7	-53.5	0.24	-41.3	-27	14.26

Frequency 5690 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	-51.4		0.33	-43.1	-27	16.07
Non HT80, 6 to 54 Mbps	2	8	-51.8	-54.3	0.33	-41.5	-27	14.53
VHT80, M0 to M11 1ss	1	8	-47.2		0.55	-38.6	-27	11.65
VHT80, M0 to M11 1ss	2	8	-51.6	-52.3	0.55	-40.4	-27	13.37
VHT80, M0 to M11 2ss	2	8	-51.6	-52.3	0.55	-40.4	-27	13.37
VHT80 Beam Forming, M0 to M11 1ss	2	11	-54.8	-53.8	0.55	-39.7	-27	12.71
VHT80 Beam Forming, M0 to M11 2ss	2	8	-51.6	-52.3	0.55	-40.4	-27	13.37
VHT80 STBC, M0 to M11 2ss	2	8	-51.6	-52.3	0.55	-40.4	-27	13.37
HE80, M0 to M11 1ss	1	8	-48.9		0.22	-40.7	-27	13.68
HE80, M0 to M11 1ss	2	8	-51.6	-53.0	0.22	-41.0	-27	14.01
HE80, M0 to M11 2ss	2	8	-51.6	-53.0	0.22	-41.0	-27	14.01
HE80 Beam Forming, M0 to M11 1ss	2	11	-54.8	-54.5	0.22	-40.4	-27	13.41
HE80 Beam Forming, M0 to M11 2ss	2	8	-51.6	-53.0	0.22	-41.0	-27	14.01
HE80 STBC, M0 to M11 2ss	2	8	-51.6	-53.0	0.22	-41.0	-27	14.01

Frequency 5700 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	-46.9		0.41	-38.5	-27	11.49
Non HT20, 6 to 54 Mbps	2	8	-54.9	-56.5	0.41	-44.2	-27	17.21
Non HT20 Beam Forming, 6 to 54 Mbps	2	11	-54.9	-56.5	0.41	-41.2	-27	14.21
HT/VHT20, M0 to M7	1	8	-49.0		0.22	-40.8	-27	13.78
HT/VHT20, M0 to M7	2	8	-54.3	-55.5	0.22	-43.6	-27	16.63
HT/VHT20, M8 to M15	2	8	-50.6	-54.9	0.22	-41.0	-27	14.01
HT/VHT20 Beam Forming, M0 to M7	2	11	-54.3	-55.5	0.22	-40.6	-27	13.63
HT/VHT20 Beam Forming, M8 to M15	2	8	-50.6	-54.9	0.22	-41.0	-27	14.01
HT/VHT20 STBC, M8 to M15	2	8	-50.6	-54.9	0.22	-41.0	-27	14.01
HE20, M0 to M11 1ss	1	8	-49.7		0.22	-41.5	-27	14.48
HE20, M0 to M11 1ss	2	8	-56.3	-55.4	0.22	-44.6	-27	17.59
HE20, M0 to M11 2ss	2	8	-52.5	-54.0	0.22	-42.0	-27	14.95
HE20 Beam Forming, M0 to M11 1ss	2	11	-56.3	-55.4	0.22	-41.6	-27	14.59
HE20 Beam Forming, M0 to M11 2ss	2	8	-52.5	-54.0	0.22	-42.0	-27	14.95
HE20 STBC, M0 to M11 2ss	2	8	-52.5	-54.0	0.22	-42.0	-27	14.95

Frequency 5710 MHz

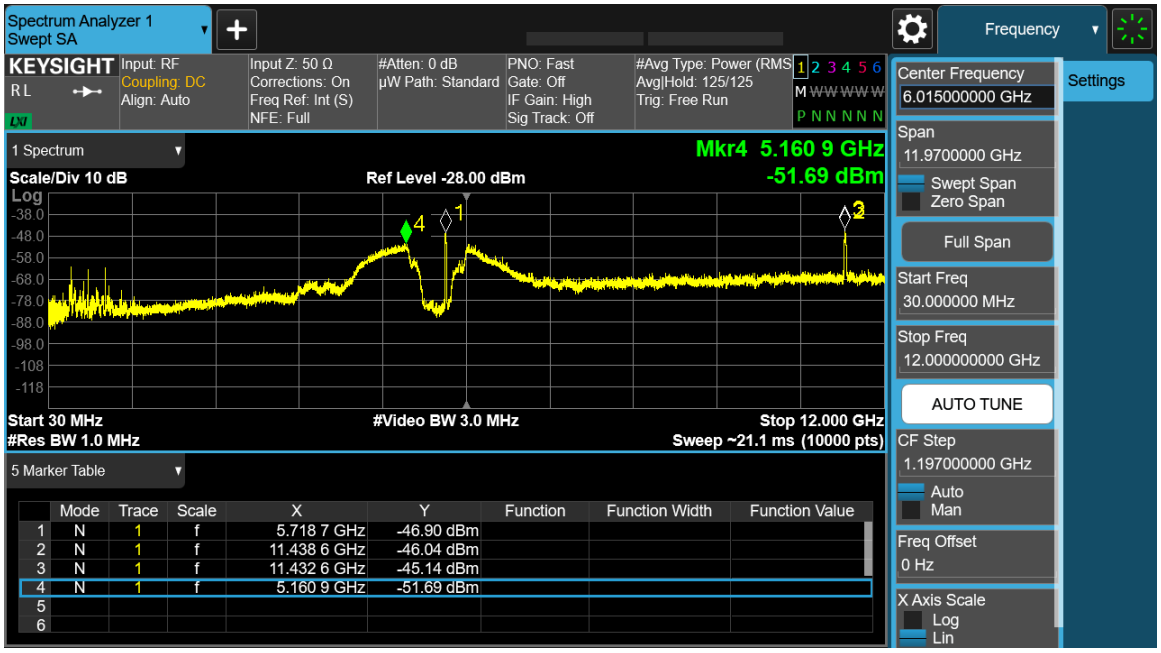
Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 Spur Power (dBm)	Tx 2 Spur Power (dBm)	Duty Cycle (dB)	Total Conducted Spur (dBm)	Limit (dB)	Margin (dB)
Non HT40, 6 to 54 Mbps	1	8	-47.9		0.33	-39.6	-27	12.57
Non HT40, 6 to 54 Mbps	2	8	-50.9	-55.3	0.33	-41.2	-27	14.22
HT/VHT40, M0 to M7	1	8	-47.9		0.55	-39.3	-27	12.35
HT/VHT40, M0 to M7	2	8	-54.0	-54.5	0.55	-42.7	-27	15.68
HT/VHT40, M8 to M15	2	8	-52.2	-53.1	0.55	-41.1	-27	14.06
HT/VHT40 Beam Forming, M0 to M7	2	11	-54.0	-54.5	0.55	-39.7	-27	12.68
HT/VHT40 Beam Forming, M8 to M15	2	8	-52.2	-53.1	0.55	-41.1	-27	14.06
HT/VHT40 STBC, M8 to M15	2	8	-52.2	-53.1	0.55	-41.1	-27	14.06
HE40, M0 to M11 1ss	1	8	-47.9		0.24	-39.7	-27	12.66
HE40, M0 to M11 1ss	2	8	-53.2	-53.7	0.24	-42.2	-27	15.2
HE40, M0 to M11 2ss	2	8	-51.4	-53.1	0.24	-40.9	-27	13.92
HE40 Beam Forming, M0 to M11 1ss	2	11	-53.4	-54.4	0.24	-39.6	-27	12.62
HE40 Beam Forming, M0 to M11 2ss	2	8	-51.4	-53.1	0.24	-40.9	-27	13.92
HE40 STBC, M0 to M11 2ss	2	8	-51.4	-53.1	0.24	-40.9	-27	13.92

Frequency 5720 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**	**-46.4**		**0.41**	**-38.0**	**-27**	**10.99**
Non HT20, 6 to 54 Mbps	2	8	-53.2	-54.9	0.41	-42.5	-27	15.55
Non HT20 Beam Forming, 6 to 54 Mbps	2	11	-53.2	-54.9	0.41	-39.5	-27	12.55
HT/VHT20, M0 to M7	**1**	**8**	**-45.1**		**0.22**	**-36.9**	**-27**	**9.88**
HT/VHT20, M0 to M7	2	8	-53.7	-55.6	0.22	-43.3	-27	16.32
HT/VHT20, M8 to M15	2	8	-50.3	-53.3	0.22	-40.3	-27	13.32
HT/VHT20 Beam Forming, M0 to M7	2	11	-53.7	-55.6	0.22	-40.3	-27	13.32
HT/VHT20 Beam Forming, M8 to M15	2	8	-50.3	-53.3	0.22	-40.3	-27	13.32
HT/VHT20 STBC, M8 to M15	2	8	-50.3	-53.3	0.22	-40.3	-27	13.32
HE20, M0 to M11 1ss	**1**	**8**	**-45.1**		**0.22**	**-36.9**	**-27**	**9.88**
HE20, M0 to M11 1ss	2	8	-53.9	-54.8	0.22	-43.1	-27	16.09
HE20, M0 to M11 2ss	2	8	-48.9	-53.7	0.22	-39.4	-27	12.43
HE20 Beam Forming, M0 to M11 1ss	2	11	-53.9	-54.8	0.22	-40.1	-27	13.09
HE20 Beam Forming, M0 to M11 2ss	2	8	-48.9	-53.7	0.22	-39.4	-27	12.43
HE20 STBC, M0 to M11 2ss	2	8	-48.9	-53.7	0.22	-39.4	-27	12.43

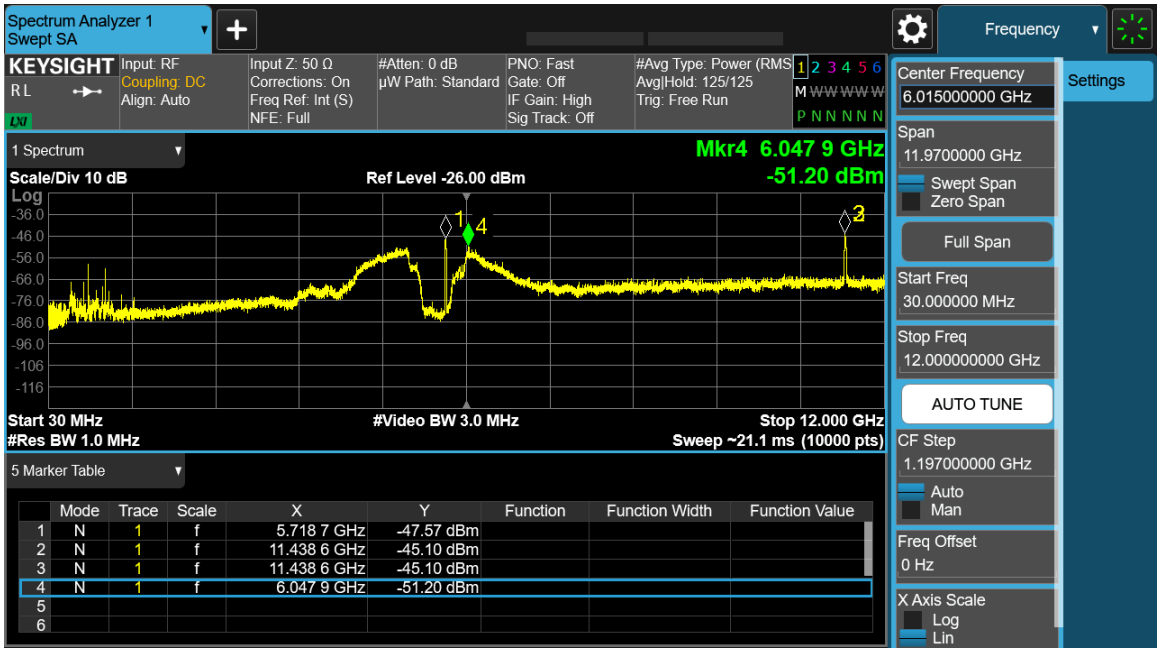
Data Screenshots – Antenna gain 8dBi peak.

5720 MHz: HE20, M0 to M11 1ss



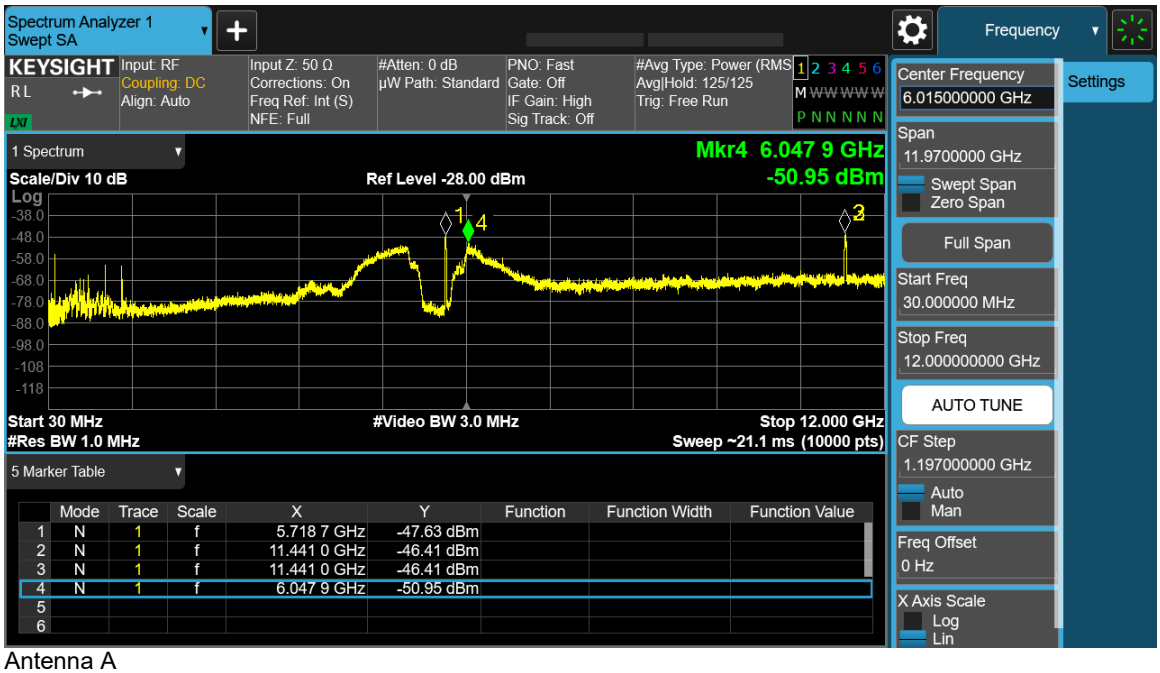
Antenna A

5720 MHz: HT/VHT20, M0 to M7



Antenna A

5720 MHz: Non HT20, 6 to 54 Mbps



Antenna A

Conducted Spurious Average Table – Antenna gain 15dBi.

Frequency 5500 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	-65.0		0.41	-49.6	-41	8.34
Non HT20, 6 to 54 Mbps	2	15	-65.3	-63.6	0.41	-45.9	-41	4.7
Non HT20 Beam Forming, 6 to 54 Mbps	2	15	-65.3	-63.6	0.41	-45.9	-41	4.7
HT/VHT20, M0 to M7	1	15	-65.2		0.22	-50.0	-41	8.73
HT/VHT20, M0 to M7	2	15	-65.5	-63.6	0.22	-46.2	-41	4.97
HT/VHT20, M8 to M15	2	15	-65.5	-63.6	0.22	-46.2	-41	4.97
HT/VHT20 Beam Forming, M0 to M7	2	15	-65.5	-63.6	0.22	-46.2	-41	4.97
HT/VHT20 Beam Forming, M8 to M15	2	15	-65.5	-63.6	0.22	-46.2	-41	4.97
HT/VHT20 STBC, M8 to M15	2	15	-65.5	-63.6	0.22	-46.2	-41	4.97
HE20, M0 to M11 1ss	1	15	-65.1		0.22	-49.9	-41	8.63
HE20, M0 to M11 1ss	2	15	-65.4	-63.5	0.22	-46.1	-41	4.86
HE20, M0 to M11 2ss	2	15	-65.4	-63.5	0.22	-46.1	-41	4.86
HE20 Beam Forming, M0 to M11 1ss	2	15	-65.4	-63.5	0.22	-46.1	-41	4.86
HE20 Beam Forming, M0 to M11 2ss	2	15	-65.4	-63.5	0.22	-46.1	-41	4.86
HE20 STBC, M0 to M11 2ss	2	15	-65.4	-63.5	0.22	-46.1	-41	4.86

Frequency 5510 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	-63.7		0.33	-48.4	-41	7.12
Non HT40, 6 to 54 Mbps	2	15	-65.1	-63.5	0.33	-45.9	-41	4.63
HT/VHT40, M0 to M7	1	15	-65.5		0.55	-49.9	-41	8.7
HT/VHT40, M0 to M7	2	15	-65.3	-64.1	0.55	-46.1	-41	4.85
HT/VHT40, M8 to M15	2	15	-65.3	-64.1	0.55	-46.1	-41	4.85
HT/VHT40 Beam Forming, M0 to M7	2	15	-65.3	-64.1	0.55	-46.1	-41	4.85
HT/VHT40 Beam Forming, M8 to M15	2	15	-65.3	-64.1	0.55	-46.1	-41	4.85
HT/VHT40 STBC, M8 to M15	2	15	-65.3	-64.1	0.55	-46.1	-41	4.85
HE40, M0 to M11 1ss	1	15	-64.7		0.24	-49.5	-41	8.21
HE40, M0 to M11 1ss	2	15	-65.6	-63.5	0.24	-46.2	-41	4.93
HE40, M0 to M11 2ss	2	15	-65.6	-63.5	0.24	-46.2	-41	4.93
HE40 Beam Forming, M0 to M11 1ss	2	15	-65.6	-63.5	0.24	-46.2	-41	4.93
HE40 Beam Forming, M0 to M11 2ss	2	15	-65.6	-63.5	0.24	-46.2	-41	4.93
HE40 STBC, M0 to M11 2ss	2	15	-65.6	-63.5	0.24	-46.2	-41	4.93

Frequency 5530 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	-64.9		0.33	-49.6	-41	8.32
Non HT80, 6 to 54 Mbps	2	15	-65.1	-63.5	0.33	-45.9	-41	4.63
VHT80, M0 to M11 1ss	1	15	-65.1		0.55	-49.5	-41	8.3
VHT80, M0 to M11 1ss	2	15	-65.5	-64.0	0.55	-46.1	-41	4.87
VHT80, M0 to M11 2ss	2	15	-65.5	-64.0	0.55	-46.1	-41	4.87
VHT80 Beam Forming, M0 to M11 1ss	2	15	-65.5	-64.0	0.55	-46.1	-41	4.87
VHT80 Beam Forming, M0 to M11 2ss	2	15	-65.5	-64.0	0.55	-46.1	-41	4.87
VHT80 STBC, M0 to M11 2ss	2	15	-65.5	-64.0	0.55	-46.1	-41	4.87
HE80, M0 to M11 1ss	1	15	-65.1		0.22	-49.9	-41	8.63
HE80, M0 to M11 1ss	2	15	-65.4	-63.8	0.22	-46.3	-41	5.04
HE80, M0 to M11 2ss	2	15	-65.4	-63.8	0.22	-46.3	-41	5.04
HE80 Beam Forming, M0 to M11 1ss	2	15	-65.4	-63.8	0.22	-46.3	-41	5.04
HE80 Beam Forming, M0 to M11 2ss	2	15	-65.4	-63.8	0.22	-46.3	-41	5.04
HE80 STBC, M0 to M11 2ss	2	15	-65.4	-63.8	0.22	-46.3	-41	5.04

Frequency 5550 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	-63.5		0.33	-48.2	-41	6.92
Non HT40, 6 to 54 Mbps	2	15	-64.6	-63.3	0.33	-45.6	-41	4.31
HT/VHT40, M0 to M7	1	15	-63.8		0.55	-48.2	-41	7.0
HT/VHT40, M0 to M7	2	15	-65.3	-64.3	0.55	-46.2	-41	4.96
HT/VHT40, M8 to M15	2	15	-65.3	-64.3	0.55	-46.2	-41	4.96
HT/VHT40 Beam Forming, M0 to M7	2	15	-65.3	-64.3	0.55	-46.2	-41	4.96
HT/VHT40 Beam Forming, M8 to M15	2	15	-65.3	-64.3	0.55	-46.2	-41	4.96
HT/VHT40 STBC, M8 to M15	2	15	-65.3	-64.3	0.55	-46.2	-41	4.96
HE40, M0 to M11 1ss	1	15	-63.8		0.24	-48.6	-41	7.31
HE40, M0 to M11 1ss	2	15	-65.2	-63.5	0.24	-46.0	-41	4.77
HE40, M0 to M11 2ss	2	15	-65.2	-63.5	0.24	-46.0	-41	4.77
HE40 Beam Forming, M0 to M11 1ss	2	15	-65.2	-63.5	0.24	-46.0	-41	4.77
HE40 Beam Forming, M0 to M11 2ss	2	15	-65.2	-63.5	0.24	-46.0	-41	4.77
HE40 STBC, M0 to M11 2ss	2	15	-65.2	-63.5	0.24	-46.0	-41	4.77

Frequency 5610 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	-63.8		0.33	-48.5	-41	7.22
Non HT80, 6 to 54 Mbps	2	15	-65.3	-63.9	0.33	-46.2	-41	4.95
VHT80, M0 to M11 1ss	1	15	-64.3		0.55	-48.7	-41	7.5
VHT80, M0 to M11 1ss	2	15	-65.5	-64.3	0.55	-46.3	-41	5.05
VHT80, M0 to M11 2ss	2	15	-65.5	-64.3	0.55	-46.3	-41	5.05
VHT80 Beam Forming, M0 to M11 1ss	2	15	-65.5	-64.3	0.55	-46.3	-41	5.05
VHT80 Beam Forming, M0 to M11 2ss	2	15	-65.5	-64.3	0.55	-46.3	-41	5.05
VHT80 STBC, M0 to M11 2ss	2	15	-65.5	-64.3	0.55	-46.3	-41	5.05
HE80, M0 to M11 1ss	1	15	-63.6		0.22	-48.4	-41	7.13
HE80, M0 to M11 1ss	2	15	-65.1	-63.7	0.22	-46.1	-41	4.86
HE80, M0 to M11 2ss	2	15	-65.1	-63.7	0.22	-46.1	-41	4.86
HE80 Beam Forming, M0 to M11 1ss	2	15	-65.1	-63.7	0.22	-46.1	-41	4.86
HE80 Beam Forming, M0 to M11 2ss	2	15	-65.1	-63.7	0.22	-46.1	-41	4.86
HE80 STBC, M0 to M11 2ss	2	15	-65.1	-63.7	0.22	-46.1	-41	4.86

Frequency 5670 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		0.33	-48.3	-41	7.02
Non HT40, 6 to 54 Mbps	2	15	-65.1	-63.7	0.33	-46.0	-41	4.75
HT/VHT40, M0 to M7	1	15	-63.9		0.55	-48.3	-41	7.1
HT/VHT40, M0 to M7	2	15	-65.2	-63.9	0.55	-45.9	-41	4.69
HT/VHT40, M8 to M15	2	15	-65.2	-63.9	0.55	-45.9	-41	4.69
HT/VHT40 Beam Forming, M0 to M7	2	15	-65.2	-63.9	0.55	-45.9	-41	4.69
HT/VHT40 Beam Forming, M8 to M15	2	15	-65.2	-63.9	0.55	-45.9	-41	4.69
HT/VHT40 STBC, M8 to M15	2	15	-65.2	-63.9	0.55	-45.9	-41	4.69
HE40, M0 to M11 1ss	1	15	-63.7		0.24	-48.5	-41	7.21
HE40, M0 to M11 1ss	2	15	-64.8	-63.9	0.24	-46.1	-41	4.83
HE40, M0 to M11 2ss	2	15	-64.8	-63.9	0.24	-46.1	-41	4.83
HE40 Beam Forming, M0 to M11 1ss	2	15	-64.8	-63.9	0.24	-46.1	-41	4.83
HE40 Beam Forming, M0 to M11 2ss	2	15	-64.8	-63.9	0.24	-46.1	-41	4.83
HE40 STBC, M0 to M11 2ss	2	15	-64.8	-63.9	0.24	-46.1	-41	4.83

Frequency 5690 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	-62.2		0.33	-46.9	-41	5.62
Non HT80, 6 to 54 Mbps	2	15	-63.9	-63.8	0.33	-45.5	-41	4.26
VHT80, M0 to M11 1ss	1	15	-62.5		0.55	-46.9	-41	5.7
VHT80, M0 to M11 1ss	2	15	-65.2	-63.9	0.55	-45.9	-41	4.69
VHT80, M0 to M11 2ss	2	15	-65.2	-63.9	0.55	-45.9	-41	4.69
VHT80 Beam Forming, M0 to M11 1ss	2	15	-65.2	-63.9	0.55	-45.9	-41	4.69
VHT80 Beam Forming, M0 to M11 2ss	2	15	-65.2	-63.9	0.55	-45.9	-41	4.69
VHT80 STBC, M0 to M11 2ss	2	15	-65.2	-63.9	0.55	-45.9	-41	4.69
HE80, M0 to M11 1ss	1	15	-62.4		0.22	-47.2	-41	5.93
HE80, M0 to M11 1ss	2	15	-65.0	-63.3	0.22	-45.8	-41	4.58
HE80, M0 to M11 2ss	2	15	-65.0	-63.3	0.22	-45.8	-41	4.58
HE80 Beam Forming, M0 to M11 1ss	2	15	-65.0	-63.3	0.22	-45.8	-41	4.58
HE80 Beam Forming, M0 to M11 2ss	2	15	-65.0	-63.3	0.22	-45.8	-41	4.58
HE80 STBC, M0 to M11 2ss	2	15	-65.0	-63.3	0.22	-45.8	-41	4.58

Frequency 5700 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	-64.0		0.41	-48.6	-41	7.34
Non HT20, 6 to 54 Mbps	2	15	-65.7	-64.4	0.41	-46.6	-41	5.33
Non HT20 Beam Forming, 6 to 54 Mbps	2	15	-65.7	-64.4	0.41	-46.6	-41	5.33
HT/VHT20, M0 to M7	1	15	-64.3		0.22	-49.1	-41	7.83
HT/VHT20, M0 to M7	2	15	-65.4	-64.5	0.22	-46.7	-41	5.45
HT/VHT20, M8 to M15	2	15	-65.4	-64.5	0.22	-46.7	-41	5.45
HT/VHT20 Beam Forming, M0 to M7	2	15	-65.4	-64.5	0.22	-46.7	-41	5.45
HT/VHT20 Beam Forming, M8 to M15	2	15	-65.4	-64.5	0.22	-46.7	-41	5.45
HT/VHT20 STBC, M8 to M15	2	15	-65.4	-64.5	0.22	-46.7	-41	5.45
HE20, M0 to M11 1ss	1	15	-63.9		0.22	-48.7	-41	7.43
HE20, M0 to M11 1ss	2	15	-65.1	-63.8	0.22	-46.2	-41	4.92
HE20, M0 to M11 2ss	2	15	-65.1	-63.8	0.22	-46.2	-41	4.92
HE20 Beam Forming, M0 to M11 1ss	2	15	-65.1	-63.8	0.22	-46.2	-41	4.92
HE20 Beam Forming, M0 to M11 2ss	2	15	-65.1	-63.8	0.22	-46.2	-41	4.92
HE20 STBC, M0 to M11 2ss	2	15	-65.1	-63.8	0.22	-46.2	-41	4.92

Frequency 5710 MHz

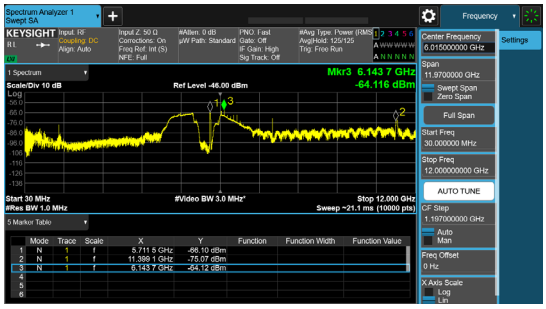
Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 Spur Power (dBm)	Tx 2 Spur Power (dBm)	Duty Cycle (dB)	Total Conducted Spur (dBm)	Limit (dB)	Margin (dB)
Non HT40, 6 to 54 Mbps	1	15	-62.5		0.33	-47.2	-41	5.92
Non HT40, 6 to 54 Mbps	2	15	-65.8	-63.9	0.33	-46.4	-41	5.15
HT/VHT40, M0 to M7	1	15	-62.6		0.55	-47.0	-41	5.8
HT/VHT40, M0 to M7	2	15	-65.5	-64.1	0.55	-46.2	-41	4.93
HT/VHT40, M8 to M15	2	15	-65.5	-64.1	0.55	-46.2	-41	4.93
HT/VHT40 Beam Forming, M0 to M7	2	15	-65.5	-64.1	0.55	-46.2	-41	4.93
HT/VHT40 Beam Forming, M8 to M15	2	15	-65.5	-64.1	0.55	-46.2	-41	4.93
HT/VHT40 STBC, M8 to M15	2	15	-65.5	-64.1	0.55	-46.2	-41	4.93
HE40, M0 to M11 1ss	1	15	-62.3		0.24	-47.1	-41	5.81
HE40, M0 to M11 1ss	**2**	**15**	**-64.1**	**-63.4**	**0.24**	**-45.5**	**-41**	**4.24**
HE40, M0 to M11 2ss	**2**	**15**	**-64.1**	**-63.4**	**0.24**	**-45.5**	**-41**	**4.24**
HE40 Beam Forming, M0 to M11 1ss	**2**	**15**	**-64.1**	**-63.4**	**0.24**	**-45.5**	**-41**	**4.24**
HE40 Beam Forming, M0 to M11 2ss	2	15	-64.1	-63.4	0.24	-45.5	-41	4.24
HE40 STBC, M0 to M11 2ss	2	15	-64.1	-63.4	0.24	-45.5	-41	4.24

Frequency 5720 MHz

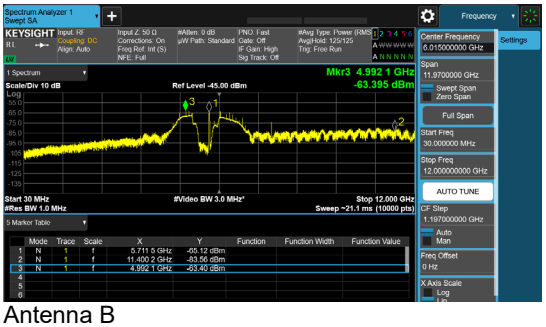
Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 Spur Power (dBm)	Tx 2 Spur Power (dBm)	Duty Cycle (dB)	Total Conducted Spur (dBm)	Limit (dB)	Margin (dB)
Non HT20, 6 to 54 Mbps	1	15	-64.1		0.41	-48.7	-41	7.44
Non HT20, 6 to 54 Mbps	2	15	-64.9	-64.0	0.41	-46.0	-41	4.76
Non HT20 Beam Forming, 6 to 54 Mbps	2	15	-64.9	-64.0	0.41	-46.0	-41	4.76
HT/VHT20, M0 to M7	1	15	-64.2		0.22	-49.0	-41	7.73
HT/VHT20, M0 to M7	2	15	-65.9	-64.0	0.22	-46.6	-41	5.37
HT/VHT20, M8 to M15	2	15	-65.9	-64.0	0.22	-46.6	-41	5.37
HT/VHT20 Beam Forming, M0 to M7	2	15	-65.9	-64.0	0.22	-46.6	-41	5.37
HT/VHT20 Beam Forming, M8 to M15	2	15	-65.9	-64.0	0.22	-46.6	-41	5.37
HT/VHT20 STBC, M8 to M15	2	15	-65.9	-64.0	0.22	-46.6	-41	5.37
HE20, M0 to M11 1ss	1	15	-64.0		0.22	-48.8	-41	7.53
HE20, M0 to M11 1ss	2	15	-65.3	-63.1	0.22	-45.8	-41	4.58
HE20, M0 to M11 2ss	2	15	-65.3	-63.1	0.22	-45.8	-41	4.58
HE20 Beam Forming, M0 to M11 1ss	2	15	-65.3	-63.1	0.22	-45.8	-41	4.58
HE20 Beam Forming, M0 to M11 2ss	2	15	-65.3	-63.1	0.22	-45.8	-41	4.58
HE20 STBC, M0 to M11 2ss	2	15	-65.3	-63.1	0.22	-45.8	-41	4.58

Data Screenshots – Antenna gain 15dBi average.

5710 MHz: HE40, M0 to M11 1ss

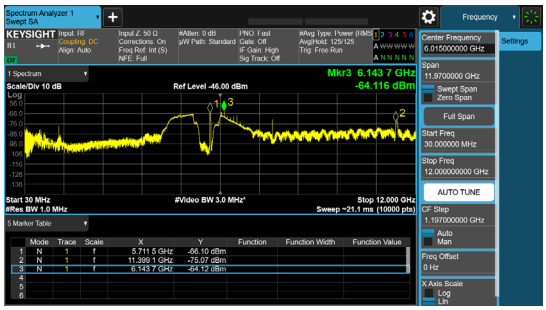


Antenna A

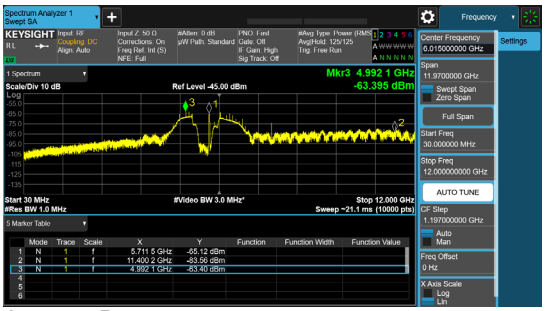


Antenna B

5710 MHz: HE40, M0 to M11 2ss

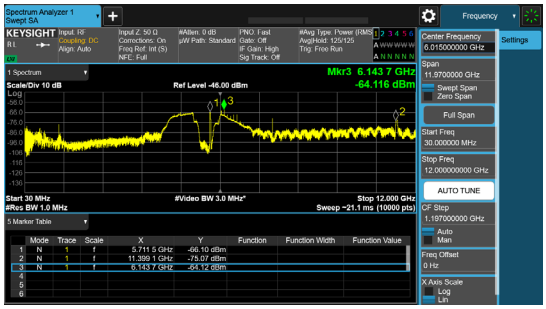


Antenna A

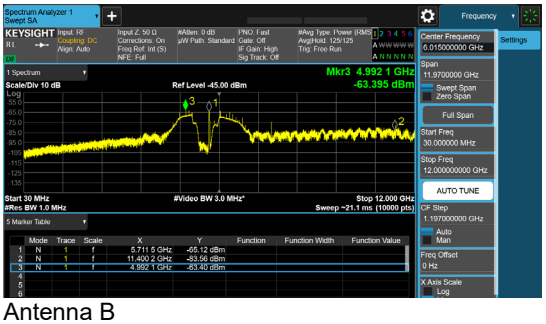


Antenna B

5710 MHz: HE40 Beam Forming, M0 to M11 1ss



Antenna A



Antenna B

Conducted Spurious Peak Table – Antenna gain 15dBi.

Frequency 5500 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	-55.2		0.41	-39.8	-27	12.79
Non HT20, 6 to 54 Mbps	2	15	-57.2	-56.5	0.41	-38.4	-27	11.42
Non HT20 Beam Forming, 6 to 54 Mbps	2	15	-57.2	-56.5	0.41	-38.4	-27	11.42
HT/VHT20, M0 to M7	1	15	-55.2		0.22	-40.0	-27	12.98
HT/VHT20, M0 to M7	2	15	-57.0	-56.2	0.22	-38.4	-27	11.36
HT/VHT20, M8 to M15	2	15	-57.0	-56.2	0.22	-38.4	-27	11.36
HT/VHT20 Beam Forming, M0 to M7	2	15	-57.0	-56.2	0.22	-38.4	-27	11.36
HT/VHT20 Beam Forming, M8 to M15	2	15	-57.0	-56.2	0.22	-38.4	-27	11.36
HT/VHT20 STBC, M8 to M15	2	15	-57.0	-56.2	0.22	-38.4	-27	11.36
HE20, M0 to M11 1ss	1	15	-55.3		0.22	-40.1	-27	13.08
HE20, M0 to M11 1ss	2	15	-56.2	-55.4	0.22	-37.5	-27	10.55
HE20, M0 to M11 2ss	2	15	-56.2	-55.4	0.22	-37.5	-27	10.55
HE20 Beam Forming, M0 to M11 1ss	2	15	-56.2	-55.4	0.22	-37.5	-27	10.55
HE20 Beam Forming, M0 to M11 2ss	2	15	-56.2	-55.4	0.22	-37.5	-27	10.55
HE20 STBC, M0 to M11 2ss	2	15	-56.2	-55.4	0.22	-37.5	-27	10.55

Frequency 5510 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	-54.4		0.33	-39.1	-27	12.07
Non HT40, 6 to 54 Mbps	2	15	-56.4	-54.6	0.33	-37.1	-27	10.07
HT/VHT40, M0 to M7	1	15	-55.8		0.55	-40.2	-27	13.25
HT/VHT40, M0 to M7	2	15	-56.5	-55.7	0.55	-37.5	-27	10.52
HT/VHT40, M8 to M15	2	15	-56.5	-55.7	0.55	-37.5	-27	10.52
HT/VHT40 Beam Forming, M0 to M7	2	15	-56.5	-55.7	0.55	-37.5	-27	10.52
HT/VHT40 Beam Forming, M8 to M15	2	15	-56.5	-55.7	0.55	-37.5	-27	10.52
HT/VHT40 STBC, M8 to M15	2	15	-56.5	-55.7	0.55	-37.5	-27	10.52
HE40, M0 to M11 1ss	1	15	-54.7		0.24	-39.5	-27	12.46
HE40, M0 to M11 1ss	2	15	-56.0	-56.4	0.24	-37.9	-27	10.95
HE40, M0 to M11 2ss	2	15	-56.0	-56.4	0.24	-37.9	-27	10.95
HE40 Beam Forming, M0 to M11 1ss	2	15	-56.0	-56.4	0.24	-37.9	-27	10.95
HE40 Beam Forming, M0 to M11 2ss	2	15	-56.0	-56.4	0.24	-37.9	-27	10.95
HE40 STBC, M0 to M11 2ss	2	15	-56.0	-56.4	0.24	-37.9	-27	10.95

Frequency 5530 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	-55.6		0.33	-40.3	-27	13.27
Non HT80, 6 to 54 Mbps	2	15	-56.7	-55.5	0.33	-37.7	-27	10.72
VHT80, M0 to M11 1ss	1	15	-56.2		0.55	-40.6	-27	13.65
VHT80, M0 to M11 1ss	2	15	-57.0	-56.3	0.55	-38.1	-27	11.07
VHT80, M0 to M11 2ss	2	15	-57.0	-56.3	0.55	-38.1	-27	11.07
VHT80 Beam Forming, M0 to M11 1ss	2	15	-57.0	-56.3	0.55	-38.1	-27	11.07
VHT80 Beam Forming, M0 to M11 2ss	2	15	-57.0	-56.3	0.55	-38.1	-27	11.07
VHT80 STBC, M0 to M11 2ss	2	15	-57.0	-56.3	0.55	-38.1	-27	11.07
HE80, M0 to M11 1ss	1	15	-55.7		0.22	-40.5	-27	13.48
HE80, M0 to M11 1ss	2	15	-56.6	-55.7	0.22	-37.9	-27	10.89
HE80, M0 to M11 2ss	2	15	-56.6	-55.7	0.22	-37.9	-27	10.89
HE80 Beam Forming, M0 to M11 1ss	2	15	-56.6	-55.7	0.22	-37.9	-27	10.89
HE80 Beam Forming, M0 to M11 2ss	2	15	-56.6	-55.7	0.22	-37.9	-27	10.89
HE80 STBC, M0 to M11 2ss	2	15	-56.6	-55.7	0.22	-37.9	-27	10.89

Frequency 5550 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	-53.6		0.33	-38.3	-27	11.27
Non HT40, 6 to 54 Mbps	2	15	-55.6	-56.0	0.33	-37.5	-27	10.45
HT/VHT40, M0 to M7	1	15	-54.6		0.55	-39.0	-27	12.05
HT/VHT40, M0 to M7	2	15	-55.7	-56.3	0.55	-37.4	-27	10.43
HT/VHT40, M8 to M15	2	15	-55.7	-56.3	0.55	-37.4	-27	10.43
HT/VHT40 Beam Forming, M0 to M7	2	15	-55.7	-56.3	0.55	-37.4	-27	10.43
HT/VHT40 Beam Forming, M8 to M15	2	15	-55.7	-56.3	0.55	-37.4	-27	10.43
HT/VHT40 STBC, M8 to M15	2	15	-55.7	-56.3	0.55	-37.4	-27	10.43
HE40, M0 to M11 1ss	1	15	-54.1		0.24	-38.9	-27	11.86
HE40, M0 to M11 1ss	2	15	-55.1	-56.1	0.24	-37.3	-27	10.32
HE40, M0 to M11 2ss	2	15	-55.1	-56.1	0.24	-37.3	-27	10.32
HE40 Beam Forming, M0 to M11 1ss	2	15	-55.1	-56.1	0.24	-37.3	-27	10.32
HE40 Beam Forming, M0 to M11 2ss	2	15	-55.1	-56.1	0.24	-37.3	-27	10.32
HE40 STBC, M0 to M11 2ss	2	15	-55.1	-56.1	0.24	-37.3	-27	10.32

Frequency 5610 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	-55.1		0.33	-39.8	-27	12.77
Non HT80, 6 to 54 Mbps	2	15	-56.1	-56.2	0.33	-37.8	-27	10.81
VHT80, M0 to M11 1ss	1	15	-55.0		0.55	-39.4	-27	12.45
VHT80, M0 to M11 1ss	2	15	-55.5	-55.3	0.55	-36.8	-27	9.84
VHT80, M0 to M11 2ss	2	15	-55.5	-55.3	0.55	-36.8	-27	9.84
VHT80 Beam Forming, M0 to M11 1ss	2	15	-55.5	-55.3	0.55	-36.8	-27	9.84
VHT80 Beam Forming, M0 to M11 2ss	2	15	-55.5	-55.3	0.55	-36.8	-27	9.84
VHT80 STBC, M0 to M11 2ss	2	15	-55.5	-55.3	0.55	-36.8	-27	9.84
HE80, M0 to M11 1ss	1	15	-55.3		0.22	-40.1	-27	13.08
HE80, M0 to M11 1ss	2	15	-56.3	-56.7	0.22	-38.3	-27	11.26
HE80, M0 to M11 2ss	2	15	-56.3	-56.7	0.22	-38.3	-27	11.26
HE80 Beam Forming, M0 to M11 1ss	2	15	-56.3	-56.7	0.22	-38.3	-27	11.26
HE80 Beam Forming, M0 to M11 2ss	2	15	-56.3	-56.7	0.22	-38.3	-27	11.26
HE80 STBC, M0 to M11 2ss	2	15	-56.3	-56.7	0.22	-38.3	-27	11.26

Frequency 5670 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	-55.7		0.33	-40.4	-27	13.37
Non HT40, 6 to 54 Mbps	2	15	-55.9	-56.4	0.33	-37.8	-27	10.8
HT/VHT40, M0 to M7	1	15	-55.6		0.55	-40.0	-27	13.05
HT/VHT40, M0 to M7	2	15	-56.4	-56.0	0.55	-37.6	-27	10.63
HT/VHT40, M8 to M15	2	15	-56.4	-56.0	0.55	-37.6	-27	10.63
HT/VHT40 Beam Forming, M0 to M7	2	15	-56.4	-56.0	0.55	-37.6	-27	10.63
HT/VHT40 Beam Forming, M8 to M15	2	15	-56.4	-56.0	0.55	-37.6	-27	10.63
HT/VHT40 STBC, M8 to M15	2	15	-56.4	-56.0	0.55	-37.6	-27	10.63
HE40, M0 to M11 1ss	1	15	-55.1		0.24	-39.9	-27	12.86
HE40, M0 to M11 1ss	2	15	-57.0	-56.7	0.24	-38.6	-27	11.6
HE40, M0 to M11 2ss	2	15	-57.0	-56.7	0.24	-38.6	-27	11.6
HE40 Beam Forming, M0 to M11 1ss	2	15	-57.0	-56.7	0.24	-38.6	-27	11.6
HE40 Beam Forming, M0 to M11 2ss	2	15	-57.0	-56.7	0.24	-38.6	-27	11.6
HE40 STBC, M0 to M11 2ss	2	15	-57.0	-56.7	0.24	-38.6	-27	11.6

Frequency 5690 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	-54.8		0.33	-39.5	-27	12.47
Non HT80, 6 to 54 Mbps	2	15	-56.3	-56.4	0.33	-38.0	-27	11.01
VHT80, M0 to M11 1ss	1	15	-54.6		0.55	-39.0	-27	12.05
VHT80, M0 to M11 1ss	2	15	-57.0	-56.6	0.55	-38.2	-27	11.23
VHT80, M0 to M11 2ss	2	15	-57.0	-56.6	0.55	-38.2	-27	11.23
VHT80 Beam Forming, M0 to M11 1ss	2	15	-57.0	-56.6	0.55	-38.2	-27	11.23
VHT80 Beam Forming, M0 to M11 2ss	2	15	-57.0	-56.6	0.55	-38.2	-27	11.23
VHT80 STBC, M0 to M11 2ss	2	15	-57.0	-56.6	0.55	-38.2	-27	11.23
HE80, M0 to M11 1ss	1	15	-54.7		0.22	-39.5	-27	12.48
HE80, M0 to M11 1ss	2	15	-56.8	-55.9	0.22	-38.1	-27	11.09
HE80, M0 to M11 2ss	2	15	-56.8	-55.9	0.22	-38.1	-27	11.09
HE80 Beam Forming, M0 to M11 1ss	2	15	-56.8	-55.9	0.22	-38.1	-27	11.09
HE80 Beam Forming, M0 to M11 2ss	2	15	-56.8	-55.9	0.22	-38.1	-27	11.09
HE80 STBC, M0 to M11 2ss	2	15	-56.8	-55.9	0.22	-38.1	-27	11.09

Frequency 5700 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	-56.6		0.41	-41.2	-27	14.19
Non HT20, 6 to 54 Mbps	2	15	-57.5	-56.0	0.41	-38.3	-27	11.27
Non HT20 Beam Forming, 6 to 54 Mbps	2	15	-57.5	-56.0	0.41	-38.3	-27	11.27
HT/VHT20, M0 to M7	1	15	-55.8		0.22	-40.6	-27	13.58
HT/VHT20, M0 to M7	2	15	-55.5	-55.6	0.22	-37.3	-27	10.32
HT/VHT20, M8 to M15	2	15	-55.5	-55.6	0.22	-37.3	-27	10.32
HT/VHT20 Beam Forming, M0 to M7	2	15	-55.5	-55.6	0.22	-37.3	-27	10.32
HT/VHT20 Beam Forming, M8 to M15	2	15	-55.5	-55.6	0.22	-37.3	-27	10.32
HT/VHT20 STBC, M8 to M15	2	15	-55.5	-55.6	0.22	-37.3	-27	10.32
HE20, M0 to M11 1ss	1	15	-55.8		0.22	-40.6	-27	13.58
HE20, M0 to M11 1ss	2	15	-57.5	-56.3	0.22	-38.6	-27	11.62
HE20, M0 to M11 2ss	2	15	-57.5	-56.3	0.22	-38.6	-27	11.62
HE20 Beam Forming, M0 to M11 1ss	2	15	-57.5	-56.3	0.22	-38.6	-27	11.62
HE20 Beam Forming, M0 to M11 2ss	2	15	-57.5	-56.3	0.22	-38.6	-27	11.62
HE20 STBC, M0 to M11 2ss	2	15	-57.5	-56.3	0.22	-38.6	-27	11.62

Frequency 5710 MHz

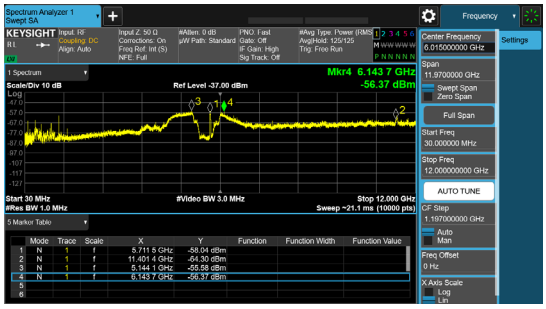
Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 Spur Power (dBm)	Tx 2 Spur Power (dBm)	Duty Cycle (dB)	Total Conducted Spur (dBm)	Limit (dB)	Margin (dB)
Non HT40, 6 to 54 Mbps	1	15	-53.9		0.33	-38.6	-27	11.57
Non HT40, 6 to 54 Mbps	2	15	-56.9	-57.2	0.33	-38.7	-27	11.71
HT/VHT40, M0 to M7	1	15	-53.8		0.55	-38.2	-27	11.25
HT/VHT40, M0 to M7	2	15	-57.0	-57.2	0.55	-38.5	-27	11.54
HT/VHT40, M8 to M15	2	15	-57.0	-57.2	0.55	-38.5	-27	11.54
HT/VHT40 Beam Forming, M0 to M7	2	15	-57.0	-57.2	0.55	-38.5	-27	11.54
HT/VHT40 Beam Forming, M8 to M15	2	15	-57.0	-57.2	0.55	-38.5	-27	11.54
HT/VHT40 STBC, M8 to M15	2	15	-57.0	-57.2	0.55	-38.5	-27	11.54
HE40, M0 to M11 1ss	1	15	-53.4		0.24	-38.2	-27	11.16
HE40, M0 to M11 1ss	**2**	**15**	**-55.6**	**-54.6**	**0.24**	**-36.8**	**-27**	**9.82**
HE40, M0 to M11 2ss	**2**	**15**	**-55.6**	**-54.6**	**0.24**	**-36.8**	**-27**	**9.82**
HE40 Beam Forming, M0 to M11 1ss	**2**	**15**	**-55.6**	**-54.6**	**0.24**	**-36.8**	**-27**	**9.82**
HE40 Beam Forming, M0 to M11 2ss	2	15	-55.6	-54.6	0.24	-36.8	-27	9.82
HE40 STBC, M0 to M11 2ss	2	15	-55.6	-54.6	0.24	-36.8	-27	9.82

Frequency 5720 MHz

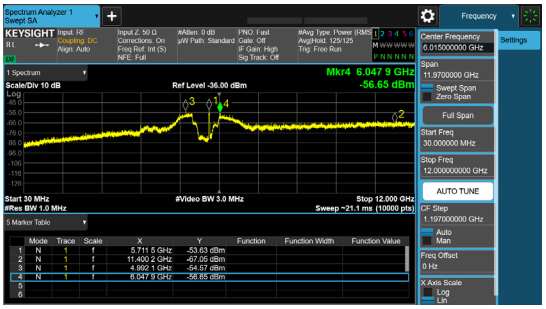
Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 Spur Power (dBm)	Tx 2 Spur Power (dBm)	Duty Cycle (dB)	Total Conducted Spur (dBm)	Limit (dB)	Margin (dB)
Non HT20, 6 to 54 Mbps	1	15	-55.7		0.41	-40.3	-27	13.29
Non HT20, 6 to 54 Mbps	2	15	-57.5	-55.7	0.41	-38.1	-27	11.09
Non HT20 Beam Forming, 6 to 54 Mbps	2	15	-57.5	-55.7	0.41	-38.1	-27	11.09
HT/VHT20, M0 to M7	1	15	-53.7		0.22	-38.5	-27	11.48
HT/VHT20, M0 to M7	2	15	-57.8	-56.0	0.22	-38.6	-27	11.58
HT/VHT20, M8 to M15	2	15	-57.8	-56.0	0.22	-38.6	-27	11.58
HT/VHT20 Beam Forming, M0 to M7	2	15	-57.8	-56.0	0.22	-38.6	-27	11.58
HT/VHT20 Beam Forming, M8 to M15	2	15	-57.8	-56.0	0.22	-38.6	-27	11.58
HT/VHT20 STBC, M8 to M15	2	15	-57.8	-56.0	0.22	-38.6	-27	11.58
HE20, M0 to M11 1ss	1	15	-55.6		0.22	-40.4	-27	13.38
HE20, M0 to M11 1ss	2	15	-57.5	-55.7	0.22	-38.3	-27	11.27
HE20, M0 to M11 2ss	2	15	-57.5	-55.7	0.22	-38.3	-27	11.27
HE20 Beam Forming, M0 to M11 1ss	2	15	-57.5	-55.7	0.22	-38.3	-27	11.27
HE20 Beam Forming, M0 to M11 2ss	2	15	-57.5	-55.7	0.22	-38.3	-27	11.27
HE20 STBC, M0 to M11 2ss	2	15	-57.5	-55.7	0.22	-38.3	-27	11.27

Data Screenshots – Antenna gain 15dBi peak.

5710 MHz: HE40, M0 to M11 1ss

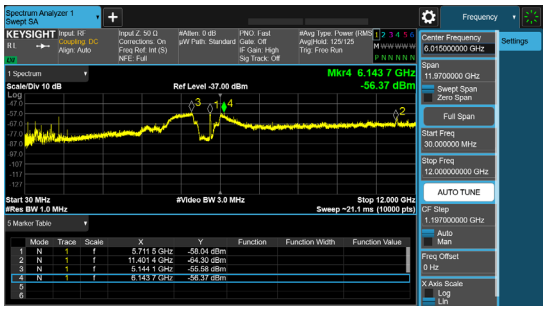


Antenna A

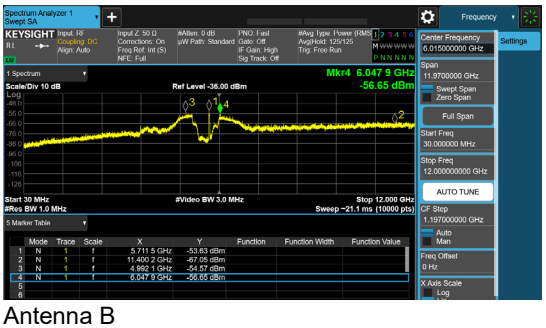


Antenna B

5710 MHz: HE40, M0 to M11 2ss

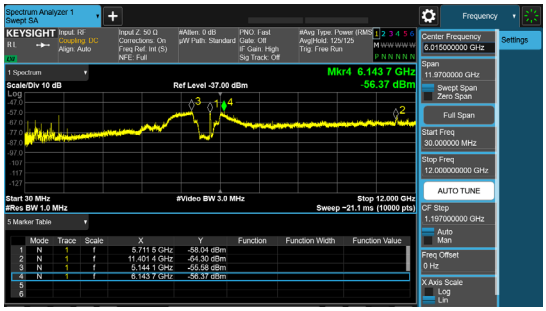


Antenna A

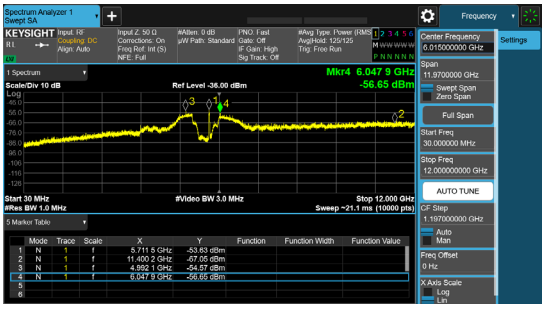


Antenna B

5710 MHz: HE40 Beam Forming, M0 to M11 1ss.



Antenna A



Antenna B