

A.5: Power Spectral Density

Power Spectral Density Test Requirement

LP0002 (2020-07-01) (5.7.3.3):

- (2) The maximum power spectral density shall be less than or equal to 30 dBm in any 500 kHz band.
- (3) Fixed point-to-point U-NII devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power.
- (4) In addition to (3), 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 dBi that the directional gain of the antenna exceeds 6 dBi.

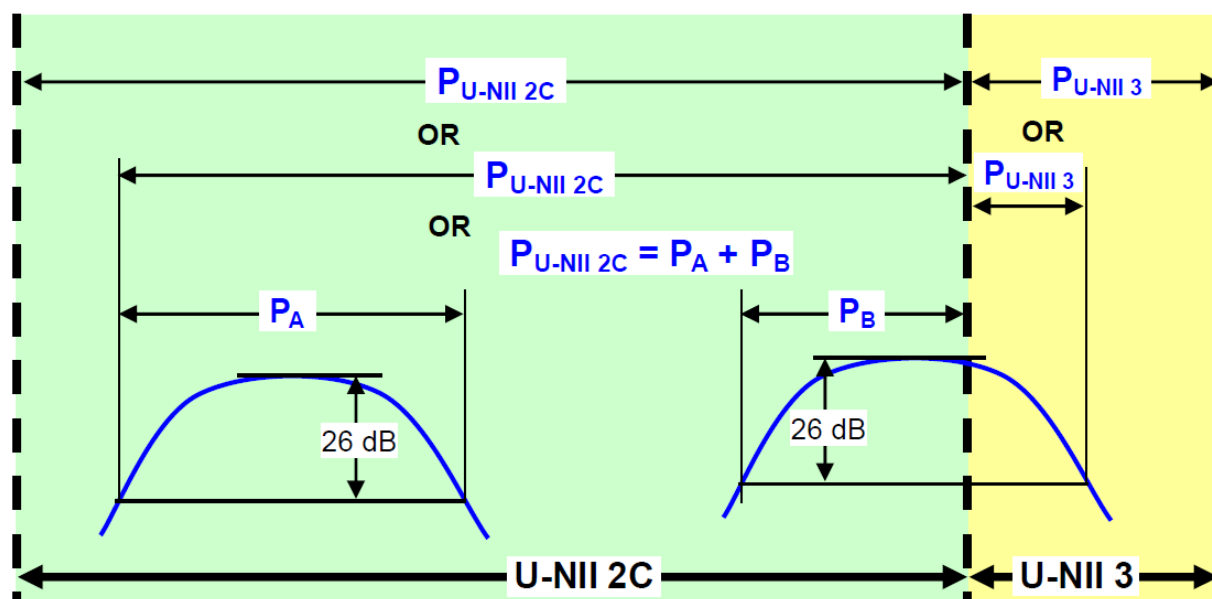
15.407:

(3) For the band 5.725-5.85 GHz...the maximum power spectral density shall not exceed 30 dBm in any 500-kHz 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. However, fixed point-to-point U-NII devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information. The operator of the U-NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations.

(5) The maximum power spectral density is measured as a conducted emission by direct connection of a calibrated test instrument to the equipment under test. If the device cannot be connected directly, alternative techniques acceptable to the Commission may be used. Measurements in the 5.725-5.85 GHz band are made over a reference bandwidth of 500 kHz or the 26 dB emission bandwidth of the device, whichever is less. Measurements in the 5.15-5.25 GHz, 5.25-5.35 GHz, and the 5.47-5.725 GHz bands are made over a bandwidth of 1 MHz or the 26 dB emission bandwidth of the device, whichever is less. A narrower resolution bandwidth can be used, provided that the measured power is integrated over the full reference bandwidth.

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

Ref. KDB 789033 D02 General UNII Test Procedures New Rules v02r01

F. Maximum Power Spectral Density (PSD)

ANSI C63.10:2013

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.

5. For devices operating in the bands 5.15-5.25 GHz, 5.25-5.35 GHz, and 5.47-5.725 GHz, the above procedures make use of 1 MHz RBW to satisfy directly the 1 MHz reference bandwidth specified in § 15.407(a)(5). **For devices operating in the band 5.725-5.85 GHz, the rules specify a measurement bandwidth of 500 kHz.**

Ref. KDB 789033 D02 General UNII Test Procedures New Rules v02r01

2. Measurement using a Spectrum Analyzer or EMI Receiver (SA), (d) Method SA-2

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. (this should be 500kHz per KDB789033, Section F, (5)) (iv) Set VBW $\geq$ 3 MHz. (v) Number of points in sweep $\geq$ 2 Span / RBW. (This ensures that bin-to-bin spacing is $\leq$ 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. 5. ... For devices operating in the band 5.725-5.85 GHz, the rules specify a measurement bandwidth of 500 kHz.

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 3dBi.**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	-0.2		0.43	3.2	36	32.78
Non HT80, 6 to 54 Mbps	2	6	-0.2	1.3	0.43	10.0	36	25.96
VHT80, M0 to M11 1ss	1	3			0.48	3.5	36	32.51
VHT80, M0 to M11 1ss	2	6		-0.1	0.48	9.4	36	26.56
VHT80, M0 to M11 2ss	2	3		-0.1	0.48	6.4	36	29.56
VHT80 Beam Forming, M0 to M11 1ss	2	6		-0.1	0.48	9.4	36	26.56
VHT80 Beam Forming, M0 to M11 2ss	2	3		-0.1	0.48	6.4	36	29.56
VHT80 STBC, M0 to M11 2ss	2	3		-0.1	0.48	6.4	36	29.56
HE80, M0 to M11 1ss	1	3	6.7		0.31	10.0	36	25.99
HE80, M0 to M11 1ss	2	6	6.7	2.9	0.31	14.5	36	21.47
HE80, M0 to M11 2ss	2	3	6.7	2.9	0.31	11.5	36	24.47
HE80 Beam Forming, M0 to M11 1ss	2	6	6.7	2.9	0.31	14.5	36	21.47
HE80 Beam Forming, M0 to M11 2ss	2	3	6.7	2.9	0.31	11.5	36	24.47
HE80 STBC, M0 to M11 2ss	2	3	6.7	2.9	0.31	11.5	36	24.47

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	7.3		0.28	10.6	36	25.41
Non HT40, 6 to 54 Mbps	2	6	7.3	5.2	0.28	15.7	36	20.32
HT/VHT40, M0 to M7	1	3	5.0		0.37	8.4	36	27.61
HT/VHT40, M0 to M7	2	6	5.0	5.2	0.37	14.5	36	21.5
HT/VHT40, M8 to M15	2	3	5.0	5.2	0.37	11.5	36	24.5
HT/VHT40 Beam Forming, M0 to M7	2	6	5.0	5.2	0.37	14.5	36	21.5
HT/VHT40 Beam Forming, M8 to M15	2	3	5.0	5.2	0.37	11.5	36	24.5
HT/VHT40 STBC, M8 to M15	2	3	5.0	5.2	0.37	11.5	36	24.5
HE40, M0 to M11 1ss	1	3	6.5		0.38	9.9	36	26.08
HE40, M0 to M11 1ss	2	6	6.5	-11.1	0.38	13.0	36	23.0
HE40, M0 to M11 2ss	2	3	6.5	-11.1	0.38	10.0	36	26.0
HE40 Beam Forming, M0 to M11 1ss	2	6	6.5	-11.1	0.38	13.0	36	23.0
HE40 Beam Forming, M0 to M11 2ss	2	3	6.5	-11.1	0.38	10.0	36	26.0
HE40 STBC, M0 to M11 2ss	2	3	6.5	-11.1	0.38	10.0	36	26.0

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	9.5		0.36	12.8	36	23.16
Non HT20, 6 to 54 Mbps	2	6	9.5	10.2	0.36	19.2	36	16.77
Non HT20 Beam Forming, 6 to 54 Mbps	2	6	9.5	10.2	0.36	19.2	36	16.77
HT/VHT20, M0 to M7	1	3	9.9		0.35	13.3	36	22.74
HT/VHT20, M0 to M7	2	6	9.9	9.5	0.35	19.1	36	16.92
HT/VHT20, M8 to M15	2	3	9.9	9.5	0.35	16.1	36	19.92
HT/VHT20 Beam Forming, M0 to M7	2	6	9.9	9.5	0.35	19.1	36	16.92
HT/VHT20 Beam Forming, M8 to M15	2	3	9.9	9.5	0.35	16.1	36	19.92
HT/VHT20 STBC, M8 to M15	2	3	9.9	9.5	0.35	16.1	36	19.92
HE20, M0 to M11 1ss	1	3	11.3		0.33	14.6	36	21.38
HE20, M0 to M11 1ss	2	6	11.3	11.0	0.33	20.5	36	15.51
HE20, M0 to M11 2ss	2	3	11.3	11.0	0.33	17.5	36	18.51
HE20 Beam Forming, M0 to M11 1ss	2	6	11.3	11.0	0.33	20.5	36	15.51
HE20 Beam Forming, M0 to M11 2ss	2	3	11.3	11.0	0.33	17.5	36	18.51
HE20 STBC, M0 to M11 2ss	2	3	11.3	11.0	0.33	17.5	36	18.51

Frequency 5745 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	10.6		0.36	14.0	36	22.02
Non HT20, 6 to 54 Mbps	2	6	10.6	9.7	0.36	19.6	36	16.44
Non HT20 Beam Forming, 6 to 54 Mbps	2	6	10.6	9.7	0.36	19.6	36	16.44
HT/VHT20, M0 to M7	1	3	9.6		0.35	13.0	36	23.03
HT/VHT20, M0 to M7	2	6	9.6	10.3	0.35	19.4	36	16.65
HT/VHT20, M8 to M15	2	3	9.6	10.3	0.35	16.4	36	19.65
HT/VHT20 Beam Forming, M0 to M7	2	6	9.6	10.3	0.35	19.4	36	16.65
HT/VHT20 Beam Forming, M8 to M15	2	3	9.6	10.3	0.35	16.4	36	19.65
HT/VHT20 STBC, M8 to M15	2	3	9.6	10.3	0.35	16.4	36	19.65
HE20, M0 to M11 1ss	1	3	11.9		0.33	15.2	36	20.81
HE20, M0 to M11 1ss	2	6	11.9	9.8	0.33	20.3	36	15.72
HE20, M0 to M11 2ss	2	3	11.9	9.8	0.33	17.3	36	18.72
HE20 Beam Forming, M0 to M11 1ss	2	6	11.9	9.8	0.33	20.3	36	15.72
HE20 Beam Forming, M0 to M11 2ss	2	3	11.9	9.8	0.33	17.3	36	18.72
HE20 STBC, M0 to M11 2ss	2	3	11.9	9.8	0.33	17.3	36	18.72

Frequency 5755 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	6.7		0.28	10.0	36	25.98
Non HT40, 6 to 54 Mbps	2	6	6.7	6.4	0.28	15.8	36	20.16
HT/VHT40, M0 to M7	1	3	6.8		0.37	10.1	36	25.87
HT/VHT40, M0 to M7	2	6	6.8	7.0	0.37	16.3	36	19.71
HT/VHT40, M8 to M15	2	3	6.8	7.0	0.37	13.3	36	22.71
HT/VHT40 Beam Forming, M0 to M7	2	6	6.8	7.0	0.37	16.3	36	19.71
HT/VHT40 Beam Forming, M8 to M15	2	3	6.8	7.0	0.37	13.3	36	22.71
HT/VHT40 STBC, M8 to M15	2	3	6.8	7.0	0.37	13.3	36	22.71
HE40, M0 to M11 1ss	1	3	7.2		0.38	10.5	36	25.45
HE40, M0 to M11 1ss	2	6	7.2	7.6	0.38	16.8	36	19.22
HE40, M0 to M11 2ss	2	3	7.2	7.6	0.38	13.8	36	22.22
HE40 Beam Forming, M0 to M11 1ss	2	6	7.2	7.6	0.38	16.8	36	19.22
HE40 Beam Forming, M0 to M11 2ss	2	3	7.2	7.6	0.38	13.8	36	22.22
HE40 STBC, M0 to M11 2ss	2	3	7.2	7.6	0.38	13.8	36	22.22

Frequency 5775 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		0.43	8.4	36	27.58
Non HT80, 6 to 54 Mbps	2	6	5.0	3.7	0.43	13.8	36	22.16
VHT80, M0 to M11 1ss	1	3	2.8		0.48	6.2	36	29.76
VHT80, M0 to M11 1ss	2	6	2.8	2.6	0.48	12.2	36	23.82
VHT80, M0 to M11 2ss	2	3	2.8	2.6	0.48	9.2	36	26.82
VHT80 Beam Forming, M0 to M11 1ss	2	6	2.8	2.6	0.48	12.2	36	23.82
VHT80 Beam Forming, M0 to M11 2ss	2	3	2.8	2.6	0.48	9.2	36	26.82
VHT80 STBC, M0 to M11 2ss	2	3	2.8	2.6	0.48	9.2	36	26.82
HE80, M0 to M11 1ss	1	3	5.3		0.31	8.6	36	27.36
HE80, M0 to M11 1ss	2	6	5.3	4.1	0.31	14.1	36	21.92
HE80, M0 to M11 2ss	2	3	5.3	4.1	0.31	11.1	36	24.92
HE80 Beam Forming, M0 to M11 1ss	2	6	5.3	4.1	0.31	14.1	36	21.92
HE80 Beam Forming, M0 to M11 2ss	2	3	5.3	4.1	0.31	11.1	36	24.92
HE80 STBC, M0 to M11 2ss	2	3	5.3	4.1	0.31	11.1	36	24.92

Frequency 5785 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	11.0		0.36	14.3	36	21.68
Non HT20, 6 to 54 Mbps	2	6	11.0	9.9	0.36	19.8	36	16.17
Non HT20 Beam Forming, 6 to 54 Mbps	2	6	11.0	9.9	0.36	19.8	36	16.17
HT/VHT20, M0 to M7	1	3	10.7		0.35	14.1	36	21.92
HT/VHT20, M0 to M7	2	6	10.7	10.5	0.35	20.0	36	16.01
HT/VHT20, M8 to M15	2	3	10.7	10.5	0.35	17.0	36	19.01
HT/VHT20 Beam Forming, M0 to M7	2	6	10.7	10.5	0.35	20.0	36	16.01
HT/VHT20 Beam Forming, M8 to M15	2	3	10.7	10.5	0.35	17.0	36	19.01
HT/VHT20 STBC, M8 to M15	2	3	10.7	10.5	0.35	17.0	36	19.01
HE20, M0 to M11 1ss	1	3	12.0		0.33	15.3	36	20.71
HE20, M0 to M11 1ss	2	6	12.0	9.4	0.33	20.2	36	15.81
HE20, M0 to M11 2ss	2	3	12.0	9.4	0.33	17.2	36	18.81
HE20 Beam Forming, M0 to M11 1ss	2	6	12.0	9.4	0.33	20.2	36	15.81
HE20 Beam Forming, M0 to M11 2ss	2	3	12.0	9.4	0.33	17.2	36	18.81
HE20 STBC, M0 to M11 2ss	2	3	12.0	9.4	0.33	17.2	36	18.81

Frequency 5795 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	7.5		0.28	10.7	36	25.26
Non HT40, 6 to 54 Mbps	2	6	7.5	7.1	0.28	16.6	36	19.45
HT/VHT40, M0 to M7	1	3	8.6		0.37	11.9	36	24.08
HT/VHT40, M0 to M7	2	6	8.6	6.9	0.37	17.2	36	18.8
HT/VHT40, M8 to M15	2	3	8.6	6.9	0.37	14.2	36	21.8
HT/VHT40 Beam Forming, M0 to M7	2	6	8.6	6.9	0.37	17.2	36	18.8
HT/VHT40 Beam Forming, M8 to M15	2	3	8.6	6.9	0.37	14.2	36	21.8
HT/VHT40 STBC, M8 to M15	2	3	8.6	6.9	0.37	14.2	36	21.8
HE40, M0 to M11 1ss	1	3	9.5		0.38	12.8	36	23.17
HE40, M0 to M11 1ss	2	6	9.5	7.8	0.38	18.1	36	17.9
HE40, M0 to M11 2ss	2	3	9.5	7.8	0.38	15.1	36	20.9
HE40 Beam Forming, M0 to M11 1ss	2	6	9.5	7.8	0.38	18.1	36	17.9
HE40 Beam Forming, M0 to M11 2ss	2	3	9.5	7.8	0.38	15.1	36	20.9
HE40 STBC, M0 to M11 2ss	2	3	9.5	7.8	0.38	15.1	36	20.9

Frequency 5825 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	8.8		0.36	12.2	36	23.83
Non HT20, 6 to 54 Mbps	2	6	8.8	9.7	0.36	18.7	36	17.33
Non HT20 Beam Forming, 6 to 54 Mbps	2	6	8.8	9.7	0.36	18.7	36	17.33
HT/VHT20, M0 to M7	1	3	9.3		0.35	12.6	36	23.37
HT/VHT20, M0 to M7	2	6	9.3	-25.2	0.35	15.6	36	20.37
HT/VHT20, M8 to M15	2	3	9.3	-25.2	0.35	12.6	36	23.37
HT/VHT20 Beam Forming, M0 to M7	2	6	9.3	-25.2	0.35	15.6	36	20.37
HT/VHT20 Beam Forming, M8 to M15	2	3	9.3	-25.2	0.35	12.6	36	23.37
HT/VHT20 STBC, M8 to M15	2	3	9.3	-25.2	0.35	12.6	36	23.37
HE20, M0 to M11 1ss	1	3	10.7		0.33	14.0	36	22.01
HE20, M0 to M11 1ss	2	6	10.7	12.7	0.33	21.1	36	14.88
HE20, M0 to M11 2ss	2	3	10.7	12.7	0.33	18.1	36	17.88
HE20 Beam Forming, M0 to M11 1ss	2	6	10.7	12.7	0.33	21.1	36	14.88
HE20 Beam Forming, M0 to M11 2ss	2	3	10.7	12.7	0.33	18.1	36	17.88
HE20 STBC, M0 to M11 2ss	2	3	10.7	12.7	0.33	18.1	36	17.88

Power Spectral Density EIRP – Antenna gain 8dBi.**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	-0.2		0.43	8.2	36	27.78
Non HT80, 6 to 54 Mbps	2	11	-0.2	1.3	0.43	15.0	36	20.96
VHT80, M0 to M11 1ss	1	8			0.48	8.5	36	27.51
VHT80, M0 to M11 1ss	2	11		-0.1	0.48	14.4	36	21.56
VHT80, M0 to M11 2ss	2	8		-0.1	0.48	11.4	36	24.56
VHT80 Beam Forming, M0 to M11 1ss	2	11	-2.7	-2.4	0.48	11.9	36	24.07
VHT80 Beam Forming, M0 to M11 2ss	2	8		-0.1	0.48	11.4	36	24.56
VHT80 STBC, M0 to M11 2ss	2	8		-0.1	0.48	11.4	36	24.56
HE80, M0 to M11 1ss	1	8	6.7		0.31	15.0	36	20.99
HE80, M0 to M11 1ss	2	11	6.7	2.9	0.31	19.5	36	16.47
HE80, M0 to M11 2ss	2	8	6.7	2.9	0.31	16.5	36	19.47
HE80 Beam Forming, M0 to M11 1ss	2	11	6.7	2.9	0.31	19.5	36	16.47
HE80 Beam Forming, M0 to M11 2ss	2	8	6.7	2.9	0.31	16.5	36	19.47
HE80 STBC, M0 to M11 2ss	2	8	6.7	2.9	0.31	16.5	36	19.47

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	7.3		0.28	15.6	36	20.41
Non HT40, 6 to 54 Mbps	2	11	1.1	2.2	0.28	16.0	36	20.02
HT/VHT40, M0 to M7	1	8	5.0		0.37	13.4	36	22.61
HT/VHT40, M0 to M7	2	11	2.1	1.5	0.37	16.2	36	19.8
HT/VHT40, M8 to M15	2	8	5.0	5.2	0.37	16.5	36	19.5
HT/VHT40 Beam Forming, M0 to M7	2	11	0.6	1.0	0.37	15.2	36	20.79
HT/VHT40 Beam Forming, M8 to M15	2	8	5.0	5.2	0.37	16.5	36	19.5
HT/VHT40 STBC, M8 to M15	2	8	5.0	5.2	0.37	16.5	36	19.5
HE40, M0 to M11 1ss	1	8	6.5		0.38	14.9	36	21.08
HE40, M0 to M11 1ss	2	11	6.5	-11.1	0.38	18.0	36	18.0
HE40, M0 to M11 2ss	2	8	6.5	-11.1	0.38	15.0	36	21.0
HE40 Beam Forming, M0 to M11 1ss	2	11	6.5	-11.1	0.38	18.0	36	18.0
HE40 Beam Forming, M0 to M11 2ss	2	8	6.5	-11.1	0.38	15.0	36	21.0
HE40 STBC, M0 to M11 2ss	2	8	6.5	-11.1	0.38	15.0	36	21.0

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	9.5		0.36	17.8	36	18.16
Non HT20, 6 to 54 Mbps	2	11	4.1	4.0	0.36	18.5	36	17.55
Non HT20 Beam Forming, 6 to 54 Mbps	2	11	4.1	4.0	0.36	18.5	36	17.55
HT/VHT20, M0 to M7	1	8	9.9		0.35	18.3	36	17.74
HT/VHT20, M0 to M7	2	11	5.6	5.1	0.35	19.7	36	16.27
HT/VHT20, M8 to M15	2	8	7.8	8.9	0.35	19.7	36	16.28
HT/VHT20 Beam Forming, M0 to M7	2	11	5.6	5.1	0.35	19.7	36	16.27
HT/VHT20 Beam Forming, M8 to M15	2	8	7.8	8.9	0.35	19.7	36	16.28
HT/VHT20 STBC, M8 to M15	2	8	7.8	8.9	0.35	19.7	36	16.28
HE20, M0 to M11 1ss	1	8	11.3		0.33	19.6	36	16.38
HE20, M0 to M11 1ss	2	11	8.6	8.3	0.33	22.8	36	13.21
HE20, M0 to M11 2ss	2	8	8.6	8.3	0.33	19.8	36	16.21
HE20 Beam Forming, M0 to M11 1ss	2	11	8.6	8.3	0.33	22.8	36	13.21
HE20 Beam Forming, M0 to M11 2ss	2	8	8.6	8.3	0.33	19.8	36	16.21
HE20 STBC, M0 to M11 2ss	2	8	8.6	8.3	0.33	19.8	36	16.21

Frequency 5745 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	10.6		0.36	19.0	36	17.02
Non HT20, 6 to 54 Mbps	2	11	10.6	9.7	0.36	24.6	36	11.44
Non HT20 Beam Forming, 6 to 54 Mbps	2	11	10.6	9.7	0.36	24.6	36	11.44
HT/VHT20, M0 to M7	1	8	9.6		0.35	18.0	36	18.03
HT/VHT20, M0 to M7	2	11	9.6	10.3	0.35	24.4	36	11.65
HT/VHT20, M8 to M15	2	8	9.6	10.3	0.35	21.4	36	14.65
HT/VHT20 Beam Forming, M0 to M7	2	11	9.6	10.3	0.35	24.4	36	11.65
HT/VHT20 Beam Forming, M8 to M15	2	8	9.6	10.3	0.35	21.4	36	14.65
HT/VHT20 STBC, M8 to M15	2	8	9.6	10.3	0.35	21.4	36	14.65
HE20, M0 to M11 1ss	1	8	11.9		0.33	20.2	36	15.81
HE20, M0 to M11 1ss	2	11	11.9	9.8	0.33	25.3	36	10.72
HE20, M0 to M11 2ss	2	8	11.9	9.8	0.33	22.3	36	13.72
HE20 Beam Forming, M0 to M11 1ss	2	11	11.9	9.8	0.33	25.3	36	10.72
HE20 Beam Forming, M0 to M11 2ss	2	8	11.9	9.8	0.33	22.3	36	13.72
HE20 STBC, M0 to M11 2ss	2	8	11.9	9.8	0.33	22.3	36	13.72

Frequency 5755 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	6.7		0.28	15.0	36	20.98
Non HT40, 6 to 54 Mbps	2	11	6.7	6.4	0.28	20.8	36	15.16
HT/VHT40, M0 to M7	1	8	6.8		0.37	15.1	36	20.87
HT/VHT40, M0 to M7	2	11	6.8	7.0	0.37	21.3	36	14.71
HT/VHT40, M8 to M15	2	8	6.8	7.0	0.37	18.3	36	17.71
HT/VHT40 Beam Forming, M0 to M7	2	11	6.8	7.0	0.37	21.3	36	14.71
HT/VHT40 Beam Forming, M8 to M15	2	8	6.8	7.0	0.37	18.3	36	17.71
HT/VHT40 STBC, M8 to M15	2	8	6.8	7.0	0.37	18.3	36	17.71
HE40, M0 to M11 1ss	1	8	7.2		0.38	15.5	36	20.45
HE40, M0 to M11 1ss	2	11	7.2	7.6	0.38	21.8	36	14.22
HE40, M0 to M11 2ss	2	8	7.2	7.6	0.38	18.8	36	17.22
HE40 Beam Forming, M0 to M11 1ss	2	11	7.2	7.6	0.38	21.8	36	14.22
HE40 Beam Forming, M0 to M11 2ss	2	8	7.2	7.6	0.38	18.8	36	17.22
HE40 STBC, M0 to M11 2ss	2	8	7.2	7.6	0.38	18.8	36	17.22

Frequency 5775 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		0.43	13.4	36	22.58
Non HT80, 6 to 54 Mbps	2	11	5.0	3.7	0.43	18.8	36	17.16
VHT80, M0 to M11 1ss	1	8	2.8		0.48	11.2	36	24.76
VHT80, M0 to M11 1ss	2	11	2.8	2.6	0.48	17.2	36	18.82
VHT80, M0 to M11 2ss	2	8	2.8	2.6	0.48	14.2	36	21.82
VHT80 Beam Forming, M0 to M11 1ss	2	11	2.8	2.6	0.48	17.2	36	18.82
VHT80 Beam Forming, M0 to M11 2ss	2	8	2.8	2.6	0.48	14.2	36	21.82
VHT80 STBC, M0 to M11 2ss	2	8	2.8	2.6	0.48	14.2	36	21.82
HE80, M0 to M11 1ss	1	8	5.3		0.31	13.6	36	22.36
HE80, M0 to M11 1ss	2	11	5.3	4.1	0.31	19.1	36	16.92
HE80, M0 to M11 2ss	2	8	5.3	4.1	0.31	16.1	36	19.92
HE80 Beam Forming, M0 to M11 1ss	2	11	5.3	4.1	0.31	19.1	36	16.92
HE80 Beam Forming, M0 to M11 2ss	2	8	5.3	4.1	0.31	16.1	36	19.92
HE80 STBC, M0 to M11 2ss	2	8	5.3	4.1	0.31	16.1	36	19.92

Frequency 5785 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	11.0		0.36	19.3	36	16.68
Non HT20, 6 to 54 Mbps	2	11	11.0	9.9	0.36	24.8	36	11.17
Non HT20 Beam Forming, 6 to 54 Mbps	2	11	11.0	9.9	0.36	24.8	36	11.17
HT/VHT20, M0 to M7	1	8	10.7		0.35	19.1	36	16.92
HT/VHT20, M0 to M7	2	11	10.7	10.5	0.35	25.0	36	11.01
HT/VHT20, M8 to M15	2	8	10.7	10.5	0.35	22.0	36	14.01
HT/VHT20 Beam Forming, M0 to M7	2	11	10.7	10.5	0.35	25.0	36	11.01
HT/VHT20 Beam Forming, M8 to M15	2	8	10.7	10.5	0.35	22.0	36	14.01
HT/VHT20 STBC, M8 to M15	2	8	10.7	10.5	0.35	22.0	36	14.01
HE20, M0 to M11 1ss	1	8	12.0		0.33	20.3	36	15.71
HE20, M0 to M11 1ss	2	11	12.0	9.4	0.33	25.2	36	10.81
HE20, M0 to M11 2ss	2	8	12.0	9.4	0.33	22.2	36	13.81
HE20 Beam Forming, M0 to M11 1ss	2	11	12.0	9.4	0.33	25.2	36	10.81
HE20 Beam Forming, M0 to M11 2ss	2	8	12.0	9.4	0.33	22.2	36	13.81
HE20 STBC, M0 to M11 2ss	2	8	12.0	9.4	0.33	22.2	36	13.81

Frequency 5795 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	7.5		0.28	15.7	36	20.26
Non HT40, 6 to 54 Mbps	2	11	7.5	7.1	0.28	21.6	36	14.45
HT/VHT40, M0 to M7	1	8	8.6		0.37	16.9	36	19.08
HT/VHT40, M0 to M7	2	11	8.6	6.9	0.37	22.2	36	13.8
HT/VHT40, M8 to M15	2	8	8.6	6.9	0.37	19.2	36	16.8
HT/VHT40 Beam Forming, M0 to M7	2	11	8.6	6.9	0.37	22.2	36	13.8
HT/VHT40 Beam Forming, M8 to M15	2	8	8.6	6.9	0.37	19.2	36	16.8
HT/VHT40 STBC, M8 to M15	2	8	8.6	6.9	0.37	19.2	36	16.8
HE40, M0 to M11 1ss	1	8	9.5		0.38	17.8	36	18.17
HE40, M0 to M11 1ss	2	11	9.5	7.8	0.38	23.1	36	12.9
HE40, M0 to M11 2ss	2	8	9.5	7.8	0.38	20.1	36	15.9
HE40 Beam Forming, M0 to M11 1ss	2	11	9.5	7.8	0.38	23.1	36	12.9
HE40 Beam Forming, M0 to M11 2ss	2	8	9.5	7.8	0.38	20.1	36	15.9
HE40 STBC, M0 to M11 2ss	2	8	9.5	7.8	0.38	20.1	36	15.9

Frequency 5825 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	8.8		0.36	17.2	36	18.83
Non HT20, 6 to 54 Mbps	2	11	8.8	9.7	0.36	23.7	36	12.33
Non HT20 Beam Forming, 6 to 54 Mbps	2	11	8.8	9.7	0.36	23.7	36	12.33
HT/VHT20, M0 to M7	1	8	9.3		0.35	17.6	36	18.37
HT/VHT20, M0 to M7	2	11	9.3	-25.2	0.35	20.6	36	15.37
HT/VHT20, M8 to M15	2	8	9.3	-25.2	0.35	17.6	36	18.37
HT/VHT20 Beam Forming, M0 to M7	2	11	9.3	-25.2	0.35	20.6	36	15.37
HT/VHT20 Beam Forming, M8 to M15	2	8	9.3	-25.2	0.35	17.6	36	18.37
HT/VHT20 STBC, M8 to M15	2	8	9.3	-25.2	0.35	17.6	36	18.37
HE20, M0 to M11 1ss	1	8	10.7		0.33	19.0	36	17.01
HE20, M0 to M11 1ss	2	11	10.7	12.7	0.33	26.1	36	9.88
HE20, M0 to M11 2ss	2	8	10.7	12.7	0.33	23.1	36	12.88
HE20 Beam Forming, M0 to M11 1ss	2	11	10.7	12.7	0.33	26.1	36	9.88
HE20 Beam Forming, M0 to M11 2ss	2	8	10.7	12.7	0.33	23.1	36	12.88
HE20 STBC, M0 to M11 2ss	2	8	10.7	12.7	0.33	23.1	36	12.88

Power Spectral Density EIRP – Antenna gain 15dBi.**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	-0.2		0.43	15.2	36	20.78
Non HT80, 6 to 54 Mbps	2	15	-0.2	1.3	0.43	19.0	36	16.96
VHT80, M0 to M11 1ss	1	15			0.48	15.5	36	20.51
VHT80, M0 to M11 1ss	2	15		-0.1	0.48	18.4	36	17.56
VHT80, M0 to M11 2ss	2	15		-0.1	0.48	18.4	36	17.56
VHT80 Beam Forming, M0 to M11 1ss	2	15		-0.1	0.48	18.4	36	17.56
VHT80 Beam Forming, M0 to M11 2ss	2	15		-0.1	0.48	18.4	36	17.56
VHT80 STBC, M0 to M11 2ss	2	15		-0.1	0.48	18.4	36	17.56
HE80, M0 to M11 1ss	1	15	6.7		0.31	22.0	36	13.99
HE80, M0 to M11 1ss	2	15	6.7	2.9	0.31	23.5	36	12.47
HE80, M0 to M11 2ss	2	15	6.7	2.9	0.31	23.5	36	12.47
HE80 Beam Forming, M0 to M11 1ss	2	15	6.7	2.9	0.31	23.5	36	12.47
HE80 Beam Forming, M0 to M11 2ss	2	15	6.7	2.9	0.31	23.5	36	12.47
HE80 STBC, M0 to M11 2ss	2	15	6.7	2.9	0.31	23.5	36	12.47

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	7.3		0.28	22.6	36	13.41
Non HT40, 6 to 54 Mbps	2	15	7.3	5.2	0.28	24.7	36	11.32
HT/VHT40, M0 to M7	1	15	5.0		0.37	20.4	36	15.61
HT/VHT40, M0 to M7	2	15	5.0	5.2	0.37	23.5	36	12.5
HT/VHT40, M8 to M15	2	15	5.0	5.2	0.37	23.5	36	12.5
HT/VHT40 Beam Forming, M0 to M7	2	15	5.0	5.2	0.37	23.5	36	12.5
HT/VHT40 Beam Forming, M8 to M15	2	15	5.0	5.2	0.37	23.5	36	12.5
HT/VHT40 STBC, M8 to M15	2	15	5.0	5.2	0.37	23.5	36	12.5
HE40, M0 to M11 1ss	1	15	6.5		0.38	21.9	36	14.08
HE40, M0 to M11 1ss	2	15	6.5	-11.1	0.38	22.0	36	14.0
HE40, M0 to M11 2ss	2	15	6.5	-11.1	0.38	22.0	36	14.0
HE40 Beam Forming, M0 to M11 1ss	2	15	6.5	-11.1	0.38	22.0	36	14.0
HE40 Beam Forming, M0 to M11 2ss	2	15	6.5	-11.1	0.38	22.0	36	14.0
HE40 STBC, M0 to M11 2ss	2	15	6.5	-11.1	0.38	22.0	36	14.0

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	9.5		0.36	24.8	36	11.16
Non HT20, 6 to 54 Mbps	2	15	9.5	10.2	0.36	28.2	36	7.77
Non HT20 Beam Forming, 6 to 54 Mbps	2	15	9.5	10.2	0.36	28.2	36	7.77
HT/VHT20, M0 to M7	1	15	9.9		0.35	25.3	36	10.74
HT/VHT20, M0 to M7	2	15	9.9	9.5	0.35	28.1	36	7.92
HT/VHT20, M8 to M15	2	15	9.9	9.5	0.35	28.1	36	7.92
HT/VHT20 Beam Forming, M0 to M7	2	15	9.9	9.5	0.35	28.1	36	7.92
HT/VHT20 Beam Forming, M8 to M15	2	15	9.9	9.5	0.35	28.1	36	7.92
HT/VHT20 STBC, M8 to M15	2	15	9.9	9.5	0.35	28.1	36	7.92
HE20, M0 to M11 1ss	1	15	11.3		0.33	26.6	36	9.38
HE20, M0 to M11 1ss	2	15	11.3	11.0	0.33	29.5	36	6.51
HE20, M0 to M11 2ss	2	15	11.3	11.0	0.33	29.5	36	6.51
HE20 Beam Forming, M0 to M11 1ss	2	15	11.3	11.0	0.33	29.5	36	6.51
HE20 Beam Forming, M0 to M11 2ss	2	15	11.3	11.0	0.33	29.5	36	6.51
HE20 STBC, M0 to M11 2ss	2	15	11.3	11.0	0.33	29.5	36	6.51

Frequency 5745 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	10.6		0.36	26.0	36	10.02
Non HT20, 6 to 54 Mbps	2	15	10.6	9.7	0.36	28.6	36	7.44
Non HT20 Beam Forming, 6 to 54 Mbps	2	15	10.6	9.7	0.36	28.6	36	7.44
HT/VHT20, M0 to M7	1	15	9.6		0.35	25.0	36	11.03
HT/VHT20, M0 to M7	2	15	9.6	10.3	0.35	28.4	36	7.65
HT/VHT20, M8 to M15	2	15	9.6	10.3	0.35	28.4	36	7.65
HT/VHT20 Beam Forming, M0 to M7	2	15	9.6	10.3	0.35	28.4	36	7.65
HT/VHT20 Beam Forming, M8 to M15	2	15	9.6	10.3	0.35	28.4	36	7.65
HT/VHT20 STBC, M8 to M15	2	15	9.6	10.3	0.35	28.4	36	7.65
HE20, M0 to M11 1ss	1	15	11.9		0.33	27.2	36	8.81
HE20, M0 to M11 1ss	2	15	10.2	10.8	0.33	28.9	36	7.14
HE20, M0 to M11 2ss	2	15	10.2	10.8	0.33	28.9	36	7.14
HE20 Beam Forming, M0 to M11 1ss	2	15	10.2	10.8	0.33	28.9	36	7.14
HE20 Beam Forming, M0 to M11 2ss	2	15	10.2	10.8	0.33	28.9	36	7.14
HE20 STBC, M0 to M11 2ss	2	15	10.2	10.8	0.33	28.9	36	7.14

Frequency 5755 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	6.7		0.28	22.0	36	13.98
Non HT40, 6 to 54 Mbps	2	15	6.7	6.4	0.28	24.8	36	11.16
HT/VHT40, M0 to M7	1	15	6.8		0.37	22.1	36	13.87
HT/VHT40, M0 to M7	2	15	5.9	6.0	0.37	24.3	36	11.65
HT/VHT40, M8 to M15	2	15	5.9	6.0	0.37	24.3	36	11.65
HT/VHT40 Beam Forming, M0 to M7	2	15	5.9	6.0	0.37	24.3	36	11.65
HT/VHT40 Beam Forming, M8 to M15	2	15	5.9	6.0	0.37	24.3	36	11.65
HT/VHT40 STBC, M8 to M15	2	15	5.9	6.0	0.37	24.3	36	11.65
HE40, M0 to M11 1ss	1	15	7.2		0.38	22.5	36	13.45
HE40, M0 to M11 1ss	2	15	6.8	6.8	0.38	25.2	36	10.83
HE40, M0 to M11 2ss	2	15	6.8	6.8	0.38	25.2	36	10.83
HE40 Beam Forming, M0 to M11 1ss	2	15	6.8	6.8	0.38	25.2	36	10.83
HE40 Beam Forming, M0 to M11 2ss	2	15	6.8	6.8	0.38	25.2	36	10.83
HE40 STBC, M0 to M11 2ss	2	15	6.8	6.8	0.38	25.2	36	10.83

Frequency 5775 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	5.0		0.43	20.4	36	15.58
Non HT80, 6 to 54 Mbps	2	15	3.3	2.8	0.43	21.5	36	14.52
VHT80, M0 to M11 1ss	1	15	2.8		0.48	18.2	36	17.76
VHT80, M0 to M11 1ss	2	15	4.9	2.2	0.48	22.3	36	13.74
VHT80, M0 to M11 2ss	2	15	4.9	2.2	0.48	22.3	36	13.74
VHT80 Beam Forming, M0 to M11 1ss	2	15	4.9	2.2	0.48	22.3	36	13.74
VHT80 Beam Forming, M0 to M11 2ss	2	15	4.9	2.2	0.48	22.3	36	13.74
VHT80 STBC, M0 to M11 2ss	2	15	4.9	2.2	0.48	22.3	36	13.74
HE80, M0 to M11 1ss	1	15	5.3		0.31	20.6	36	15.36
HE80, M0 to M11 1ss	2	15	2.8	3.7	0.31	21.6	36	14.42
HE80, M0 to M11 2ss	2	15	2.8	3.7	0.31	21.6	36	14.42
HE80 Beam Forming, M0 to M11 1ss	2	15	2.8	3.7	0.31	21.6	36	14.42
HE80 Beam Forming, M0 to M11 2ss	2	15	2.8	3.7	0.31	21.6	36	14.42
HE80 STBC, M0 to M11 2ss	2	15	2.8	3.7	0.31	21.6	36	14.42

Frequency 5785 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	11.0		0.36	26.3	36	9.68
Non HT20, 6 to 54 Mbps	2	15	11.0	9.9	0.36	28.8	36	7.17
Non HT20 Beam Forming, 6 to 54 Mbps	2	15	11.0	9.9	0.36	28.8	36	7.17
HT/VHT20, M0 to M7	1	15	10.7		0.35	26.1	36	9.92
HT/VHT20, M0 to M7	2	15	10.7	10.5	0.35	29.0	36	7.01
HT/VHT20, M8 to M15	2	15	10.7	10.5	0.35	29.0	36	7.01
HT/VHT20 Beam Forming, M0 to M7	2	15	10.7	10.5	0.35	29.0	36	7.01
HT/VHT20 Beam Forming, M8 to M15	2	15	10.7	10.5	0.35	29.0	36	7.01
HT/VHT20 STBC, M8 to M15	2	15	10.7	10.5	0.35	29.0	36	7.01
HE20, M0 to M11 1ss	1	15	12.0		0.33	27.3	36	8.71
HE20, M0 to M11 1ss	2	15	10.7	11.8	0.33	29.6	36	6.39
HE20, M0 to M11 2ss	2	15	10.7	11.8	0.33	29.6	36	6.39
HE20 Beam Forming, M0 to M11 1ss	2	15	10.7	11.8	0.33	29.6	36	6.39
HE20 Beam Forming, M0 to M11 2ss	2	15	10.7	11.8	0.33	29.6	36	6.39
HE20 STBC, M0 to M11 2ss	2	15	10.7	11.8	0.33	29.6	36	6.39

Frequency 5795 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	7.5		0.28	22.7	36	13.26
Non HT40, 6 to 54 Mbps	2	15	7.5	7.1	0.28	25.6	36	10.45
HT/VHT40, M0 to M7	1	15	8.6		0.37	23.9	36	12.08
HT/VHT40, M0 to M7	2	15	8.6	6.9	0.37	26.2	36	9.8
HT/VHT40, M8 to M15	2	15	8.6	6.9	0.37	26.2	36	9.8
HT/VHT40 Beam Forming, M0 to M7	2	15	8.6	6.9	0.37	26.2	36	9.8
HT/VHT40 Beam Forming, M8 to M15	2	15	8.6	6.9	0.37	26.2	36	9.8
HT/VHT40 STBC, M8 to M15	2	15	8.6	6.9	0.37	26.2	36	9.8
HE40, M0 to M11 1ss	1	15	9.5		0.38	24.8	36	11.17
HE40, M0 to M11 1ss	2	15	7.0	7.5	0.38	25.6	36	10.37
HE40, M0 to M11 2ss	2	15	7.0	7.5	0.38	25.6	36	10.37
HE40 Beam Forming, M0 to M11 1ss	2	15	7.0	7.5	0.38	25.6	36	10.37
HE40 Beam Forming, M0 to M11 2ss	2	15	7.0	7.5	0.38	25.6	36	10.37
HE40 STBC, M0 to M11 2ss	2	15	7.0	7.5	0.38	25.6	36	10.37

Frequency 5825 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	8.8		0.36	24.2	36	11.83
Non HT20, 6 to 54 Mbps	2	15	8.8	9.7	0.36	27.7	36	8.33
Non HT20 Beam Forming, 6 to 54 Mbps	2	15	8.8	9.7	0.36	27.7	36	8.33
HT/VHT20, M0 to M7	1	15	9.3		0.35	24.6	36	11.37
HT/VHT20, M0 to M7	2	15	9.3	-25.2	0.35	24.6	36	11.37
HT/VHT20, M8 to M15	2	15	9.3	-25.2	0.35	24.6	36	11.37
HT/VHT20 Beam Forming, M0 to M7	2	15	9.3	-25.2	0.35	24.6	36	11.37
HT/VHT20 Beam Forming, M8 to M15	2	15	9.3	-25.2	0.35	24.6	36	11.37
HT/VHT20 STBC, M8 to M15	2	15	9.3	-25.2	0.35	24.6	36	11.37
HE20, M0 to M11 1ss	1	15	10.7		0.33	26.0	36	10.01
HE20, M0 to M11 1ss	2	15	10.0	9.9	0.33	28.3	36	7.72
HE20, M0 to M11 2ss	2	15	10.0	9.9	0.33	28.3	36	7.72
HE20 Beam Forming, M0 to M11 1ss	2	15	10.0	9.9	0.33	28.3	36	7.72
HE20 Beam Forming, M0 to M11 2ss	2	15	10.0	9.9	0.33	28.3	36	7.72
HE20 STBC, M0 to M11 2ss	2	15	10.0	9.9	0.33	28.3	36	7.72

Conducted Power Spectral Density Tables – Antenna gain 3dBi.**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	-0.2		0.43	0.2	30	29.78
Non HT80, 6 to 54 Mbps	2	6	-0.2	1.3	0.43	4.0	30	25.96
VHT80, M0 to M11 1ss	1	3			0.48	0.5	30	29.51
VHT80, M0 to M11 1ss	2	6		-0.1	0.48	3.4	30	26.56
VHT80, M0 to M11 2ss	2	3		-0.1	0.48	3.4	30	26.56
VHT80 Beam Forming, M0 to M11 1ss	2	6		-0.1	0.48	3.4	30	26.56
VHT80 Beam Forming, M0 to M11 2ss	2	3		-0.1	0.48	3.4	30	26.56
VHT80 STBC, M0 to M11 2ss	2	3		-0.1	0.48	3.4	30	26.56
HE80, M0 to M11 1ss	1	3	6.7		0.31	7.0	30	22.99
HE80, M0 to M11 1ss	2	6	6.7	2.9	0.31	8.5	30	21.47
HE80, M0 to M11 2ss	2	3	6.7	2.9	0.31	8.5	30	21.47
HE80 Beam Forming, M0 to M11 1ss	2	6	6.7	2.9	0.31	8.5	30	21.47
HE80 Beam Forming, M0 to M11 2ss	2	3	6.7	2.9	0.31	8.5	30	21.47
HE80 STBC, M0 to M11 2ss	2	3	6.7	2.9	0.31	8.5	30	21.47

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	7.3		0.28	7.6	30	22.41
Non HT40, 6 to 54 Mbps	2	6	7.3	5.2	0.28	9.7	30	20.32
HT/VHT40, M0 to M7	1	3	5.0		0.37	5.4	30	24.61
HT/VHT40, M0 to M7	2	6	5.0	5.2	0.37	8.5	30	21.5
HT/VHT40, M8 to M15	2	3	5.0	5.2	0.37	8.5	30	21.5
HT/VHT40 Beam Forming, M0 to M7	2	6	5.0	5.2	0.37	8.5	30	21.5
HT/VHT40 Beam Forming, M8 to M15	2	3	5.0	5.2	0.37	8.5	30	21.5
HT/VHT40 STBC, M8 to M15	2	3	5.0	5.2	0.37	8.5	30	21.5
HE40, M0 to M11 1ss	1	3	6.5		0.38	6.9	30	23.08
HE40, M0 to M11 1ss	2	6	6.5	-11.1	0.38	7.0	30	23.0
HE40, M0 to M11 2ss	2	3	6.5	-11.1	0.38	7.0	30	23.0
HE40 Beam Forming, M0 to M11 1ss	2	6	6.5	-11.1	0.38	7.0	30	23.0
HE40 Beam Forming, M0 to M11 2ss	2	3	6.5	-11.1	0.38	7.0	30	23.0
HE40 STBC, M0 to M11 2ss	2	3	6.5	-11.1	0.38	7.0	30	23.0

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	9.5		0.36	9.8	30	20.16
Non HT20, 6 to 54 Mbps	2	6	9.5	10.2	0.36	13.2	30	16.77
Non HT20 Beam Forming, 6 to 54 Mbps	2	6	9.5	10.2	0.36	13.2	30	16.77
HT/VHT20, M0 to M7	1	3	9.9		0.35	10.3	30	19.74
HT/VHT20, M0 to M7	2	6	9.9	9.5	0.35	13.1	30	16.92
HT/VHT20, M8 to M15	2	3	9.9	9.5	0.35	13.1	30	16.92
HT/VHT20 Beam Forming, M0 to M7	2	6	9.9	9.5	0.35	13.1	30	16.92
HT/VHT20 Beam Forming, M8 to M15	2	3	9.9	9.5	0.35	13.1	30	16.92
HT/VHT20 STBC, M8 to M15	2	3	9.9	9.5	0.35	13.1	30	16.92
HE20, M0 to M11 1ss	1	3	11.3		0.33	11.6	30	18.38
HE20, M0 to M11 1ss	2	6	11.3	11.0	0.33	14.5	30	15.51
HE20, M0 to M11 2ss	2	3	11.3	11.0	0.33	14.5	30	15.51
HE20 Beam Forming, M0 to M11 1ss	2	6	11.3	11.0	0.33	14.5	30	15.51
HE20 Beam Forming, M0 to M11 2ss	2	3	11.3	11.0	0.33	14.5	30	15.51
HE20 STBC, M0 to M11 2ss	2	3	11.3	11.0	0.33	14.5	30	15.51

Frequency 5745 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	10.6		0.36	11.0	30	19.02
Non HT20, 6 to 54 Mbps	2	6	10.6	9.7	0.36	13.6	30	16.44
Non HT20 Beam Forming, 6 to 54 Mbps	2	6	10.6	9.7	0.36	13.6	30	16.44
HT/VHT20, M0 to M7	1	3	9.6		0.35	10.0	30	20.03
HT/VHT20, M0 to M7	2	6	9.6	10.3	0.35	13.4	30	16.65
HT/VHT20, M8 to M15	2	3	9.6	10.3	0.35	13.4	30	16.65
HT/VHT20 Beam Forming, M0 to M7	2	6	9.6	10.3	0.35	13.4	30	16.65
HT/VHT20 Beam Forming, M8 to M15	2	3	9.6	10.3	0.35	13.4	30	16.65
HT/VHT20 STBC, M8 to M15	2	3	9.6	10.3	0.35	13.4	30	16.65
HE20, M0 to M11 1ss	1	3	11.9		0.33	12.2	30	17.81
HE20, M0 to M11 1ss	2	6	11.9	9.8	0.33	14.3	30	15.72
HE20, M0 to M11 2ss	2	3	11.9	9.8	0.33	14.3	30	15.72
HE20 Beam Forming, M0 to M11 1ss	2	6	11.9	9.8	0.33	14.3	30	15.72
HE20 Beam Forming, M0 to M11 2ss	2	3	11.9	9.8	0.33	14.3	30	15.72
HE20 STBC, M0 to M11 2ss	2	3	11.9	9.8	0.33	14.3	30	15.72

Frequency 5755 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	6.7		0.28	7.0	30	22.98
Non HT40, 6 to 54 Mbps	2	6	6.7	6.4	0.28	9.8	30	20.16
HT/VHT40, M0 to M7	1	3	6.8		0.37	7.1	30	22.87
HT/VHT40, M0 to M7	2	6	6.8	7.0	0.37	10.3	30	19.71
HT/VHT40, M8 to M15	2	3	6.8	7.0	0.37	10.3	30	19.71
HT/VHT40 Beam Forming, M0 to M7	2	6	6.8	7.0	0.37	10.3	30	19.71
HT/VHT40 Beam Forming, M8 to M15	2	3	6.8	7.0	0.37	10.3	30	19.71
HT/VHT40 STBC, M8 to M15	2	3	6.8	7.0	0.37	10.3	30	19.71
HE40, M0 to M11 1ss	1	3	7.2		0.38	7.5	30	22.45
HE40, M0 to M11 1ss	2	6	7.2	7.6	0.38	10.8	30	19.22
HE40, M0 to M11 2ss	2	3	7.2	7.6	0.38	10.8	30	19.22
HE40 Beam Forming, M0 to M11 1ss	2	6	7.2	7.6	0.38	10.8	30	19.22
HE40 Beam Forming, M0 to M11 2ss	2	3	7.2	7.6	0.38	10.8	30	19.22
HE40 STBC, M0 to M11 2ss	2	3	7.2	7.6	0.38	10.8	30	19.22

Frequency 5775 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		0.43	5.4	30	24.58
Non HT80, 6 to 54 Mbps	2	6	5.0	3.7	0.43	7.8	30	22.16
VHT80, M0 to M11 1ss	1	3	2.8		0.48	3.2	30	26.76
VHT80, M0 to M11 1ss	2	6	2.8	2.6	0.48	6.2	30	23.82
VHT80, M0 to M11 2ss	2	3	2.8	2.6	0.48	6.2	30	23.82
VHT80 Beam Forming, M0 to M11 1ss	2	6	2.8	2.6	0.48	6.2	30	23.82
VHT80 Beam Forming, M0 to M11 2ss	2	3	2.8	2.6	0.48	6.2	30	23.82
VHT80 STBC, M0 to M11 2ss	2	3	2.8	2.6	0.48	6.2	30	23.82
HE80, M0 to M11 1ss	1	3	5.3		0.31	5.6	30	24.36
HE80, M0 to M11 1ss	2	6	5.3	4.1	0.31	8.1	30	21.92
HE80, M0 to M11 2ss	2	3	5.3	4.1	0.31	8.1	30	21.92
HE80 Beam Forming, M0 to M11 1ss	2	6	5.3	4.1	0.31	8.1	30	21.92
HE80 Beam Forming, M0 to M11 2ss	2	3	5.3	4.1	0.31	8.1	30	21.92
HE80 STBC, M0 to M11 2ss	2	3	5.3	4.1	0.31	8.1	30	21.92

Frequency 5785 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	11.0		0.36	11.3	30	18.68
Non HT20, 6 to 54 Mbps	2	6	11.0	9.9	0.36	13.8	30	16.17
Non HT20 Beam Forming, 6 to 54 Mbps	2	6	11.0	9.9	0.36	13.8	30	16.17
HT/VHT20, M0 to M7	1	3	10.7		0.35	11.1	30	18.92
HT/VHT20, M0 to M7	2	6	10.7	10.5	0.35	14.0	30	16.01
HT/VHT20, M8 to M15	2	3	10.7	10.5	0.35	14.0	30	16.01
HT/VHT20 Beam Forming, M0 to M7	2	6	10.7	10.5	0.35	14.0	30	16.01
HT/VHT20 Beam Forming, M8 to M15	2	3	10.7	10.5	0.35	14.0	30	16.01
HT/VHT20 STBC, M8 to M15	2	3	10.7	10.5	0.35	14.0	30	16.01
HE20, M0 to M11 1ss	1	3	12.0		0.33	12.3	30	17.71
HE20, M0 to M11 1ss	2	6	12.0	9.4	0.33	14.2	30	15.81
HE20, M0 to M11 2ss	2	3	12.0	9.4	0.33	14.2	30	15.81
HE20 Beam Forming, M0 to M11 1ss	2	6	12.0	9.4	0.33	14.2	30	15.81
HE20 Beam Forming, M0 to M11 2ss	2	3	12.0	9.4	0.33	14.2	30	15.81
HE20 STBC, M0 to M11 2ss	2	3	12.0	9.4	0.33	14.2	30	15.81

Frequency 5795 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	7.5		0.28	7.7	30	22.26
Non HT40, 6 to 54 Mbps	2	6	7.5	7.1	0.28	10.6	30	19.45
HT/VHT40, M0 to M7	1	3	8.6		0.37	8.9	30	21.08
HT/VHT40, M0 to M7	2	6	8.6	6.9	0.37	11.2	30	18.8
HT/VHT40, M8 to M15	2	3	8.6	6.9	0.37	11.2	30	18.8
HT/VHT40 Beam Forming, M0 to M7	2	6	8.6	6.9	0.37	11.2	30	18.8
HT/VHT40 Beam Forming, M8 to M15	2	3	8.6	6.9	0.37	11.2	30	18.8
HT/VHT40 STBC, M8 to M15	2	3	8.6	6.9	0.37	11.2	30	18.8
HE40, M0 to M11 1ss	1	3	9.5		0.38	9.8	30	20.17
HE40, M0 to M11 1ss	2	6	9.5	7.8	0.38	12.1	30	17.9
HE40, M0 to M11 2ss	2	3	9.5	7.8	0.38	12.1	30	17.9
HE40 Beam Forming, M0 to M11 1ss	2	6	9.5	7.8	0.38	12.1	30	17.9
HE40 Beam Forming, M0 to M11 2ss	2	3	9.5	7.8	0.38	12.1	30	17.9
HE40 STBC, M0 to M11 2ss	2	3	9.5	7.8	0.38	12.1	30	17.9

Frequency 5825 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	8.8		0.36	9.2	30	20.83
Non HT20, 6 to 54 Mbps	2	6	8.8	9.7	0.36	12.7	30	17.33
Non HT20 Beam Forming, 6 to 54 Mbps	2	6	8.8	9.7	0.36	12.7	30	17.33
HT/VHT20, M0 to M7	1	3	9.3		0.35	9.6	30	20.37
HT/VHT20, M0 to M7	2	6	9.3	-25.2	0.35	9.6	30	20.37
HT/VHT20, M8 to M15	2	3	9.3	-25.2	0.35	9.6	30	20.37
HT/VHT20 Beam Forming, M0 to M7	2	6	9.3	-25.2	0.35	9.6	30	20.37
HT/VHT20 Beam Forming, M8 to M15	2	3	9.3	-25.2	0.35	9.6	30	20.37
HT/VHT20 STBC, M8 to M15	2	3	9.3	-25.2	0.35	9.6	30	20.37
HE20, M0 to M11 1ss	1	3	10.7		0.33	11.0	30	19.01
HE20, M0 to M11 1ss	2	6	10.7	12.7	0.33	15.1	30	14.88
HE20, M0 to M11 2ss	2	3	10.7	12.7	0.33	15.1	30	14.88
HE20 Beam Forming, M0 to M11 1ss	2	6	10.7	12.7	0.33	15.1	30	14.88
HE20 Beam Forming, M0 to M11 2ss	2	3	10.7	12.7	0.33	15.1	30	14.88
HE20 STBC, M0 to M11 2ss	2	3	10.7	12.7	0.33	15.1	30	14.88

Conducted Power Spectral Density – Antenna gain 8dBi.**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	-0.2		0.43	0.2	30	29.78
Non HT80, 6 to 54 Mbps	2	11	-0.2	1.3	0.43	4.0	30	25.96
VHT80, M0 to M11 1ss	1	8			0.48	0.5	30	29.51
VHT80, M0 to M11 1ss	2	11		-0.1	0.48	3.4	30	26.56
VHT80, M0 to M11 2ss	2	8		-0.1	0.48	3.4	30	26.56
VHT80 Beam Forming, M0 to M11 1ss	2	11	-2.7	-2.4	0.48	0.9	30	29.07
VHT80 Beam Forming, M0 to M11 2ss	2	8		-0.1	0.48	3.4	30	26.56
VHT80 STBC, M0 to M11 2ss	2	8		-0.1	0.48	3.4	30	26.56
HE80, M0 to M11 1ss	1	8	6.7		0.31	7.0	30	22.99
HE80, M0 to M11 1ss	2	11	6.7	2.9	0.31	8.5	30	21.47
HE80, M0 to M11 2ss	2	8	6.7	2.9	0.31	8.5	30	21.47
HE80 Beam Forming, M0 to M11 1ss	2	11	6.7	2.9	0.31	8.5	30	21.47
HE80 Beam Forming, M0 to M11 2ss	2	8	6.7	2.9	0.31	8.5	30	21.47
HE80 STBC, M0 to M11 2ss	2	8	6.7	2.9	0.31	8.5	30	21.47

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	7.3		0.28	7.6	30	22.41
Non HT40, 6 to 54 Mbps	2	11	1.1	2.2	0.28	5.0	30	25.02
HT/VHT40, M0 to M7	1	8	5.0		0.37	5.4	30	24.61
HT/VHT40, M0 to M7	2	11	2.1	1.5	0.37	5.2	30	24.8
HT/VHT40, M8 to M15	2	8	5.0	5.2	0.37	8.5	30	21.5
HT/VHT40 Beam Forming, M0 to M7	2	11	0.6	1.0	0.37	4.2	30	25.79
HT/VHT40 Beam Forming, M8 to M15	2	8	5.0	5.2	0.37	8.5	30	21.5
HT/VHT40 STBC, M8 to M15	2	8	5.0	5.2	0.37	8.5	30	21.5
HE40, M0 to M11 1ss	1	8	6.5		0.38	6.9	30	23.08
HE40, M0 to M11 1ss	2	11	6.5	-11.1	0.38	7.0	30	23.0
HE40, M0 to M11 2ss	2	8	6.5	-11.1	0.38	7.0	30	23.0
HE40 Beam Forming, M0 to M11 1ss	2	11	6.5	-11.1	0.38	7.0	30	23.0
HE40 Beam Forming, M0 to M11 2ss	2	8	6.5	-11.1	0.38	7.0	30	23.0
HE40 STBC, M0 to M11 2ss	2	8	6.5	-11.1	0.38	7.0	30	23.0

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	9.5		0.36	9.8	30	20.16
Non HT20, 6 to 54 Mbps	2	11	4.1	4.0	0.36	7.5	30	22.55
Non HT20 Beam Forming, 6 to 54 Mbps	2	11	4.1	4.0	0.36	7.5	30	22.55
HT/VHT20, M0 to M7	1	8	9.9		0.35	10.3	30	19.74
HT/VHT20, M0 to M7	2	11	5.6	5.1	0.35	8.7	30	21.27
HT/VHT20, M8 to M15	2	8	7.8	8.9	0.35	11.7	30	18.28
HT/VHT20 Beam Forming, M0 to M7	2	11	5.6	5.1	0.35	8.7	30	21.27
HT/VHT20 Beam Forming, M8 to M15	2	8	7.8	8.9	0.35	11.7	30	18.28
HT/VHT20 STBC, M8 to M15	2	8	7.8	8.9	0.35	11.7	30	18.28
HE20, M0 to M11 1ss	1	8	11.3		0.33	11.6	30	18.38
HE20, M0 to M11 1ss	2	11	8.6	8.3	0.33	11.8	30	18.21
HE20, M0 to M11 2ss	2	8	8.6	8.3	0.33	11.8	30	18.21
HE20 Beam Forming, M0 to M11 1ss	2	11	8.6	8.3	0.33	11.8	30	18.21
HE20 Beam Forming, M0 to M11 2ss	2	8	8.6	8.3	0.33	11.8	30	18.21
HE20 STBC, M0 to M11 2ss	2	8	8.6	8.3	0.33	11.8	30	18.21

Frequency 5745 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	10.6		0.36	11.0	30	19.02
Non HT20, 6 to 54 Mbps	2	11	10.6	9.7	0.36	13.6	30	16.44
Non HT20 Beam Forming, 6 to 54 Mbps	2	11	10.6	9.7	0.36	13.6	30	16.44
HT/VHT20, M0 to M7	1	8	9.6		0.35	10.0	30	20.03
HT/VHT20, M0 to M7	2	11	9.6	10.3	0.35	13.4	30	16.65
HT/VHT20, M8 to M15	2	8	9.6	10.3	0.35	13.4	30	16.65
HT/VHT20 Beam Forming, M0 to M7	2	11	9.6	10.3	0.35	13.4	30	16.65
HT/VHT20 Beam Forming, M8 to M15	2	8	9.6	10.3	0.35	13.4	30	16.65
HT/VHT20 STBC, M8 to M15	2	8	9.6	10.3	0.35	13.4	30	16.65
HE20, M0 to M11 1ss	1	8	11.9		0.33	12.2	30	17.81
HE20, M0 to M11 1ss	2	11	11.9	9.8	0.33	14.3	30	15.72
HE20, M0 to M11 2ss	2	8	11.9	9.8	0.33	14.3	30	15.72
HE20 Beam Forming, M0 to M11 1ss	2	11	11.9	9.8	0.33	14.3	30	15.72
HE20 Beam Forming, M0 to M11 2ss	2	8	11.9	9.8	0.33	14.3	30	15.72
HE20 STBC, M0 to M11 2ss	2	8	11.9	9.8	0.33	14.3	30	15.72

Frequency 5755 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	6.7		0.28	7.0	30	22.98
Non HT40, 6 to 54 Mbps	2	11	6.7	6.4	0.28	9.8	30	20.16
HT/VHT40, M0 to M7	1	8	6.8		0.37	7.1	30	22.87
HT/VHT40, M0 to M7	2	11	6.8	7.0	0.37	10.3	30	19.71
HT/VHT40, M8 to M15	2	8	6.8	7.0	0.37	10.3	30	19.71
HT/VHT40 Beam Forming, M0 to M7	2	11	6.8	7.0	0.37	10.3	30	19.71
HT/VHT40 Beam Forming, M8 to M15	2	8	6.8	7.0	0.37	10.3	30	19.71
HT/VHT40 STBC, M8 to M15	2	8	6.8	7.0	0.37	10.3	30	19.71
HE40, M0 to M11 1ss	1	8	7.2		0.38	7.5	30	22.45
HE40, M0 to M11 1ss	2	11	7.2	7.6	0.38	10.8	30	19.22
HE40, M0 to M11 2ss	2	8	7.2	7.6	0.38	10.8	30	19.22
HE40 Beam Forming, M0 to M11 1ss	2	11	7.2	7.6	0.38	10.8	30	19.22
HE40 Beam Forming, M0 to M11 2ss	2	8	7.2	7.6	0.38	10.8	30	19.22
HE40 STBC, M0 to M11 2ss	2	8	7.2	7.6	0.38	10.8	30	19.22

Frequency 5775 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		0.43	5.4	30	24.58
Non HT80, 6 to 54 Mbps	2	11	5.0	3.7	0.43	7.8	30	22.16
VHT80, M0 to M11 1ss	1	8	2.8		0.48	3.2	30	26.76
VHT80, M0 to M11 1ss	2	11	2.8	2.6	0.48	6.2	30	23.82
VHT80, M0 to M11 2ss	2	8	2.8	2.6	0.48	6.2	30	23.82
VHT80 Beam Forming, M0 to M11 1ss	2	11	2.8	2.6	0.48	6.2	30	23.82
VHT80 Beam Forming, M0 to M11 2ss	2	8	2.8	2.6	0.48	6.2	30	23.82
VHT80 STBC, M0 to M11 2ss	2	8	2.8	2.6	0.48	6.2	30	23.82
HE80, M0 to M11 1ss	1	8	5.3		0.31	5.6	30	24.36
HE80, M0 to M11 1ss	2	11	5.3	4.1	0.31	8.1	30	21.92
HE80, M0 to M11 2ss	2	8	5.3	4.1	0.31	8.1	30	21.92
HE80 Beam Forming, M0 to M11 1ss	2	11	5.3	4.1	0.31	8.1	30	21.92
HE80 Beam Forming, M0 to M11 2ss	2	8	5.3	4.1	0.31	8.1	30	21.92
HE80 STBC, M0 to M11 2ss	2	8	5.3	4.1	0.31	8.1	30	21.92

Frequency 5785 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	11.0		0.36	11.3	30	18.68
Non HT20, 6 to 54 Mbps	2	11	11.0	9.9	0.36	13.8	30	16.17
Non HT20 Beam Forming, 6 to 54 Mbps	2	11	11.0	9.9	0.36	13.8	30	16.17
HT/VHT20, M0 to M7	1	8	10.7		0.35	11.1	30	18.92
HT/VHT20, M0 to M7	2	11	10.7	10.5	0.35	14.0	30	16.01
HT/VHT20, M8 to M15	2	8	10.7	10.5	0.35	14.0	30	16.01
HT/VHT20 Beam Forming, M0 to M7	2	11	10.7	10.5	0.35	14.0	30	16.01
HT/VHT20 Beam Forming, M8 to M15	2	8	10.7	10.5	0.35	14.0	30	16.01
HT/VHT20 STBC, M8 to M15	2	8	10.7	10.5	0.35	14.0	30	16.01
HE20, M0 to M11 1ss	1	8	12.0		0.33	12.3	30	17.71
HE20, M0 to M11 1ss	2	11	12.0	9.4	0.33	14.2	30	15.81
HE20, M0 to M11 2ss	2	8	12.0	9.4	0.33	14.2	30	15.81
HE20 Beam Forming, M0 to M11 1ss	2	11	12.0	9.4	0.33	14.2	30	15.81
HE20 Beam Forming, M0 to M11 2ss	2	8	12.0	9.4	0.33	14.2	30	15.81
HE20 STBC, M0 to M11 2ss	2	8	12.0	9.4	0.33	14.2	30	15.81

Frequency 5795 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	7.5		0.28	7.7	30	22.26
Non HT40, 6 to 54 Mbps	2	11	7.5	7.1	0.28	10.6	30	19.45
HT/VHT40, M0 to M7	1	8	8.6		0.37	8.9	30	21.08
HT/VHT40, M0 to M7	2	11	8.6	6.9	0.37	11.2	30	18.8
HT/VHT40, M8 to M15	2	8	8.6	6.9	0.37	11.2	30	18.8
HT/VHT40 Beam Forming, M0 to M7	2	11	8.6	6.9	0.37	11.2	30	18.8
HT/VHT40 Beam Forming, M8 to M15	2	8	8.6	6.9	0.37	11.2	30	18.8
HT/VHT40 STBC, M8 to M15	2	8	8.6	6.9	0.37	11.2	30	18.8
HE40, M0 to M11 1ss	1	8	9.5		0.38	9.8	30	20.17
HE40, M0 to M11 1ss	2	11	9.5	7.8	0.38	12.1	30	17.9
HE40, M0 to M11 2ss	2	8	9.5	7.8	0.38	12.1	30	17.9
HE40 Beam Forming, M0 to M11 1ss	2	11	9.5	7.8	0.38	12.1	30	17.9
HE40 Beam Forming, M0 to M11 2ss	2	8	9.5	7.8	0.38	12.1	30	17.9
HE40 STBC, M0 to M11 2ss	2	8	9.5	7.8	0.38	12.1	30	17.9

Frequency 5825 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	8.8		0.36	9.2	30	20.83
Non HT20, 6 to 54 Mbps	2	11	8.8	9.7	0.36	12.7	30	17.33
Non HT20 Beam Forming, 6 to 54 Mbps	2	11	8.8	9.7	0.36	12.7	30	17.33
HT/VHT20, M0 to M7	1	8	9.3		0.35	9.6	30	20.37
HT/VHT20, M0 to M7	2	11	9.3	-25.2	0.35	9.6	30	20.37
HT/VHT20, M8 to M15	2	8	9.3	-25.2	0.35	9.6	30	20.37
HT/VHT20 Beam Forming, M0 to M7	2	11	9.3	-25.2	0.35	9.6	30	20.37
HT/VHT20 Beam Forming, M8 to M15	2	8	9.3	-25.2	0.35	9.6	30	20.37
HT/VHT20 STBC, M8 to M15	2	8	9.3	-25.2	0.35	9.6	30	20.37
HE20, M0 to M11 1ss	1	8	10.7		0.33	11.0	30	19.01
HE20, M0 to M11 1ss	2	11	10.7	12.7	0.33	15.1	30	14.88
HE20, M0 to M11 2ss	2	8	10.7	12.7	0.33	15.1	30	14.88
HE20 Beam Forming, M0 to M11 1ss	2	11	10.7	12.7	0.33	15.1	30	14.88
HE20 Beam Forming, M0 to M11 2ss	2	8	10.7	12.7	0.33	15.1	30	14.88
HE20 STBC, M0 to M11 2ss	2	8	10.7	12.7	0.33	15.1	30	14.88

Conducted Power Spectral Density Tables – Antenna gain 15dBi.**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	-0.2		0.43	0.2	30	29.78
Non HT80, 6 to 54 Mbps	2	15	-0.2	1.3	0.43	4.0	30	25.96
VHT80, M0 to M11 1ss	1	15			0.48	0.5	30	29.51
VHT80, M0 to M11 1ss	2	15		-0.1	0.48	3.4	30	26.56
VHT80, M0 to M11 2ss	2	15		-0.1	0.48	3.4	30	26.56
VHT80 Beam Forming, M0 to M11 1ss	2	15		-0.1	0.48	3.4	30	26.56
VHT80 Beam Forming, M0 to M11 2ss	2	15		-0.1	0.48	3.4	30	26.56
VHT80 STBC, M0 to M11 2ss	2	15		-0.1	0.48	3.4	30	26.56
HE80, M0 to M11 1ss	1	15	6.7		0.31	7.0	30	22.99
HE80, M0 to M11 1ss	2	15	6.7	2.9	0.31	8.5	30	21.47
HE80, M0 to M11 2ss	2	15	6.7	2.9	0.31	8.5	30	21.47
HE80 Beam Forming, M0 to M11 1ss	2	15	6.7	2.9	0.31	8.5	30	21.47
HE80 Beam Forming, M0 to M11 2ss	2	15	6.7	2.9	0.31	8.5	30	21.47
HE80 STBC, M0 to M11 2ss	2	15	6.7	2.9	0.31	8.5	30	21.47

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	7.3		0.28	7.6	30	22.41
Non HT40, 6 to 54 Mbps	2	15	7.3	5.2	0.28	9.7	30	20.32
HT/VHT40, M0 to M7	1	15	5.0		0.37	5.4	30	24.61
HT/VHT40, M0 to M7	2	15	5.0	5.2	0.37	8.5	30	21.5
HT/VHT40, M8 to M15	2	15	5.0	5.2	0.37	8.5	30	21.5
HT/VHT40 Beam Forming, M0 to M7	2	15	5.0	5.2	0.37	8.5	30	21.5
HT/VHT40 Beam Forming, M8 to M15	2	15	5.0	5.2	0.37	8.5	30	21.5
HT/VHT40 STBC, M8 to M15	2	15	5.0	5.2	0.37	8.5	30	21.5
HE40, M0 to M11 1ss	1	15	6.5		0.38	6.9	30	23.08
HE40, M0 to M11 1ss	2	15	6.5	-11.1	0.38	7.0	30	23.0
HE40, M0 to M11 2ss	2	15	6.5	-11.1	0.38	7.0	30	23.0
HE40 Beam Forming, M0 to M11 1ss	2	15	6.5	-11.1	0.38	7.0	30	23.0
HE40 Beam Forming, M0 to M11 2ss	2	15	6.5	-11.1	0.38	7.0	30	23.0
HE40 STBC, M0 to M11 2ss	2	15	6.5	-11.1	0.38	7.0	30	23.0

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	9.5		0.36	9.8	30	20.16
Non HT20, 6 to 54 Mbps	2	15	9.5	10.2	0.36	13.2	30	16.77
Non HT20 Beam Forming, 6 to 54 Mbps	2	15	9.5	10.2	0.36	13.2	30	16.77
HT/VHT20, M0 to M7	1	15	9.9		0.35	10.3	30	19.74
HT/VHT20, M0 to M7	2	15	9.9	9.5	0.35	13.1	30	16.92
HT/VHT20, M8 to M15	2	15	9.9	9.5	0.35	13.1	30	16.92
HT/VHT20 Beam Forming, M0 to M7	2	15	9.9	9.5	0.35	13.1	30	16.92
HT/VHT20 Beam Forming, M8 to M15	2	15	9.9	9.5	0.35	13.1	30	16.92
HT/VHT20 STBC, M8 to M15	2	15	9.9	9.5	0.35	13.1	30	16.92
HE20, M0 to M11 1ss	1	15	11.3		0.33	11.6	30	18.38
HE20, M0 to M11 1ss	2	15	11.3	11.0	0.33	14.5	30	15.51
HE20, M0 to M11 2ss	2	15	11.3	11.0	0.33	14.5	30	15.51
HE20 Beam Forming, M0 to M11 1ss	2	15	11.3	11.0	0.33	14.5	30	15.51
HE20 Beam Forming, M0 to M11 2ss	2	15	11.3	11.0	0.33	14.5	30	15.51
HE20 STBC, M0 to M11 2ss	2	15	11.3	11.0	0.33	14.5	30	15.51

Frequency 5745 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	10.6		0.36	11.0	30	19.02
Non HT20, 6 to 54 Mbps	2	15	10.6	9.7	0.36	13.6	30	16.44
Non HT20 Beam Forming, 6 to 54 Mbps	2	15	10.6	9.7	0.36	13.6	30	16.44
HT/VHT20, M0 to M7	1	15	9.6		0.35	10.0	30	20.03
HT/VHT20, M0 to M7	2	15	9.6	10.3	0.35	13.4	30	16.65
HT/VHT20, M8 to M15	2	15	9.6	10.3	0.35	13.4	30	16.65
HT/VHT20 Beam Forming, M0 to M7	2	15	9.6	10.3	0.35	13.4	30	16.65
HT/VHT20 Beam Forming, M8 to M15	2	15	9.6	10.3	0.35	13.4	30	16.65
HT/VHT20 STBC, M8 to M15	2	15	9.6	10.3	0.35	13.4	30	16.65
HE20, M0 to M11 1ss	1	15	11.9		0.33	12.2	30	17.81
HE20, M0 to M11 1ss	2	15	10.2	10.8	0.33	13.9	30	16.14
HE20, M0 to M11 2ss	2	15	10.2	10.8	0.33	13.9	30	16.14
HE20 Beam Forming, M0 to M11 1ss	2	15	10.2	10.8	0.33	13.9	30	16.14
HE20 Beam Forming, M0 to M11 2ss	2	15	10.2	10.8	0.33	13.9	30	16.14
HE20 STBC, M0 to M11 2ss	2	15	10.2	10.8	0.33	13.9	30	16.14

Frequency 5755 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	6.7		0.28	7.0	30	22.98
Non HT40, 6 to 54 Mbps	2	15	6.7	6.4	0.28	9.8	30	20.16
HT/VHT40, M0 to M7	1	15	6.8		0.37	7.1	30	22.87
HT/VHT40, M0 to M7	2	15	5.9	6.0	0.37	9.3	30	20.65
HT/VHT40, M8 to M15	2	15	5.9	6.0	0.37	9.3	30	20.65
HT/VHT40 Beam Forming, M0 to M7	2	15	5.9	6.0	0.37	9.3	30	20.65
HT/VHT40 Beam Forming, M8 to M15	2	15	5.9	6.0	0.37	9.3	30	20.65
HT/VHT40 STBC, M8 to M15	2	15	5.9	6.0	0.37	9.3	30	20.65
HE40, M0 to M11 1ss	1	15	7.2		0.38	7.5	30	22.45
HE40, M0 to M11 1ss	2	15	6.8	6.8	0.38	10.2	30	19.83
HE40, M0 to M11 2ss	2	15	6.8	6.8	0.38	10.2	30	19.83
HE40 Beam Forming, M0 to M11 1ss	2	15	6.8	6.8	0.38	10.2	30	19.83
HE40 Beam Forming, M0 to M11 2ss	2	15	6.8	6.8	0.38	10.2	30	19.83
HE40 STBC, M0 to M11 2ss	2	15	6.8	6.8	0.38	10.2	30	19.83

Frequency 5775 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	5.0		0.43	5.4	30	24.58
Non HT80, 6 to 54 Mbps	2	15	3.3	2.8	0.43	6.5	30	23.52
VHT80, M0 to M11 1ss	1	15	2.8		0.48	3.2	30	26.76
VHT80, M0 to M11 1ss	2	15	4.9	2.2	0.48	7.3	30	22.74
VHT80, M0 to M11 2ss	2	15	4.9	2.2	0.48	7.3	30	22.74
VHT80 Beam Forming, M0 to M11 1ss	2	15	4.9	2.2	0.48	7.3	30	22.74
VHT80 Beam Forming, M0 to M11 2ss	2	15	4.9	2.2	0.48	7.3	30	22.74
VHT80 STBC, M0 to M11 2ss	2	15	4.9	2.2	0.48	7.3	30	22.74
HE80, M0 to M11 1ss	1	15	5.3		0.31	5.6	30	24.36
HE80, M0 to M11 1ss	2	15	2.8	3.7	0.31	6.6	30	23.42
HE80, M0 to M11 2ss	2	15	2.8	3.7	0.31	6.6	30	23.42
HE80 Beam Forming, M0 to M11 1ss	2	15	2.8	3.7	0.31	6.6	30	23.42
HE80 Beam Forming, M0 to M11 2ss	2	15	2.8	3.7	0.31	6.6	30	23.42
HE80 STBC, M0 to M11 2ss	2	15	2.8	3.7	0.31	6.6	30	23.42

Frequency 5785 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	11.0		0.36	11.3	30	18.68
Non HT20, 6 to 54 Mbps	2	15	11.0	9.9	0.36	13.8	30	16.17
Non HT20 Beam Forming, 6 to 54 Mbps	2	15	11.0	9.9	0.36	13.8	30	16.17
HT/VHT20, M0 to M7	1	15	10.7		0.35	11.1	30	18.92
HT/VHT20, M0 to M7	2	15	10.7	10.5	0.35	14.0	30	16.01
HT/VHT20, M8 to M15	2	15	10.7	10.5	0.35	14.0	30	16.01
HT/VHT20 Beam Forming, M0 to M7	2	15	10.7	10.5	0.35	14.0	30	16.01
HT/VHT20 Beam Forming, M8 to M15	2	15	10.7	10.5	0.35	14.0	30	16.01
HT/VHT20 STBC, M8 to M15	2	15	10.7	10.5	0.35	14.0	30	16.01
HE20, M0 to M11 1ss	1	15	12.0		0.33	12.3	30	17.71
HE20, M0 to M11 1ss	2	15	10.7	11.8	0.33	14.6	30	15.39
HE20, M0 to M11 2ss	2	15	10.7	11.8	0.33	14.6	30	15.39
HE20 Beam Forming, M0 to M11 1ss	2	15	10.7	11.8	0.33	14.6	30	15.39
HE20 Beam Forming, M0 to M11 2ss	2	15	10.7	11.8	0.33	14.6	30	15.39
HE20 STBC, M0 to M11 2ss	2	15	10.7	11.8	0.33	14.6	30	15.39

Frequency 5795 MHz

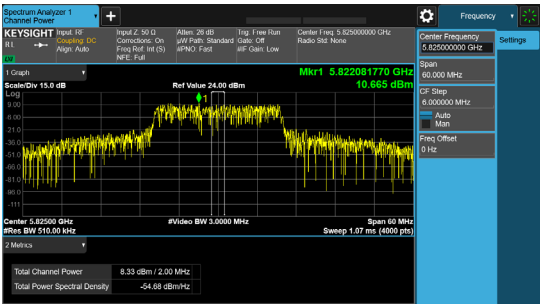
Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 PSD (dBm/MHz)	Tx 2 PSD (dBm/MHz)	Duty Cycle (dB)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)
Non HT40, 6 to 54 Mbps	1	15	7.5		0.28	7.7	30	22.26
Non HT40, 6 to 54 Mbps	2	15	7.5	7.1	0.28	10.6	30	19.45
HT/VHT40, M0 to M7	1	15	8.6		0.37	8.9	30	21.08
HT/VHT40, M0 to M7	2	15	8.6	6.9	0.37	11.2	30	18.8
HT/VHT40, M8 to M15	2	15	8.6	6.9	0.37	11.2	30	18.8
HT/VHT40 Beam Forming, M0 to M7	2	15	8.6	6.9	0.37	11.2	30	18.8
HT/VHT40 Beam Forming, M8 to M15	2	15	8.6	6.9	0.37	11.2	30	18.8
HT/VHT40 STBC, M8 to M15	2	15	8.6	6.9	0.37	11.2	30	18.8
HE40, M0 to M11 1ss	1	15	9.5		0.38	9.8	30	20.17
HE40, M0 to M11 1ss	2	15	7.0	7.5	0.38	10.6	30	19.37
HE40, M0 to M11 2ss	2	15	7.0	7.5	0.38	10.6	30	19.37
HE40 Beam Forming, M0 to M11 1ss	2	15	7.0	7.5	0.38	10.6	30	19.37
HE40 Beam Forming, M0 to M11 2ss	2	15	7.0	7.5	0.38	10.6	30	19.37
HE40 STBC, M0 to M11 2ss	2	15	7.0	7.5	0.38	10.6	30	19.37

Frequency 5825 MHz

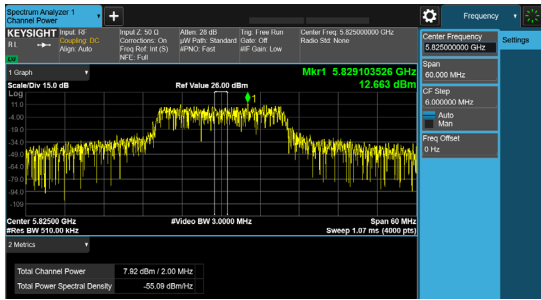
Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 PSD (dBm/MHz)	Tx 2 PSD (dBm/MHz)	Duty Cycle (dB)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)
Non HT20, 6 to 54 Mbps	1	15	8.8		0.36	9.2	30	20.83
Non HT20, 6 to 54 Mbps	2	15	8.8	9.7	0.36	12.7	30	17.33
Non HT20 Beam Forming, 6 to 54 Mbps	2	15	8.8	9.7	0.36	12.7	30	17.33
HT/VHT20, M0 to M7	1	15	9.3		0.35	9.6	30	20.37
HT/VHT20, M0 to M7	2	15	9.3	-25.2	0.35	9.6	30	20.37
HT/VHT20, M8 to M15	2	15	9.3	-25.2	0.35	9.6	30	20.37
HT/VHT20 Beam Forming, M0 to M7	2	15	9.3	-25.2	0.35	9.6	30	20.37
HT/VHT20 Beam Forming, M8 to M15	2	15	9.3	-25.2	0.35	9.6	30	20.37
HT/VHT20 STBC, M8 to M15	2	15	9.3	-25.2	0.35	9.6	30	20.37
HE20, M0 to M11 1ss	1	15	10.7		0.33	11.0	30	19.01
HE20, M0 to M11 1ss	2	15	10.0	9.9	0.33	13.3	30	16.72
HE20, M0 to M11 2ss	2	15	10.0	9.9	0.33	13.3	30	16.72
HE20 Beam Forming, M0 to M11 1ss	2	15	10.0	9.9	0.33	13.3	30	16.72
HE20 Beam Forming, M0 to M11 2ss	2	15	10.0	9.9	0.33	13.3	30	16.72
HE20 STBC, M0 to M11 2ss	2	15	10.0	9.9	0.33	13.3	30	16.72

Data Screenshots – Antenna gain 3dBi.

5825 MHz: HE20, M0 to M11 1ss

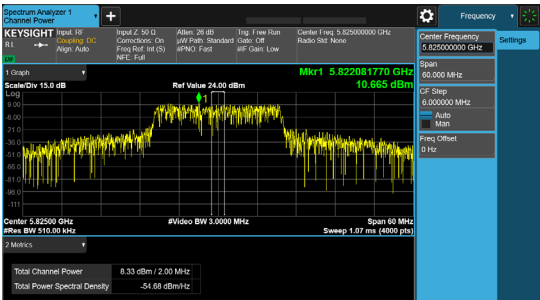


Antenna A

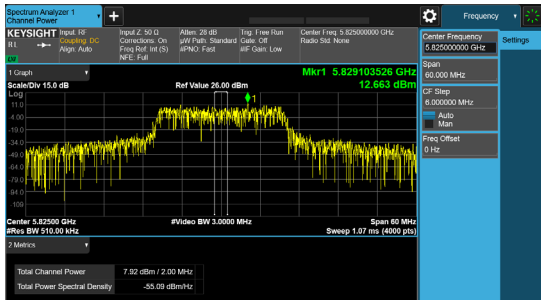


Antenna B

5825 MHz: HE20 Beam Forming, M0 to M11 1ss

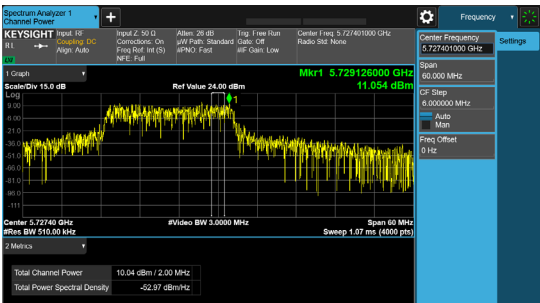


Antenna A

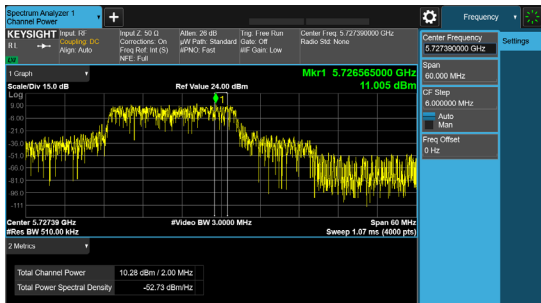


Antenna B

5720 MHz: HE20, M0 to M11 1ss



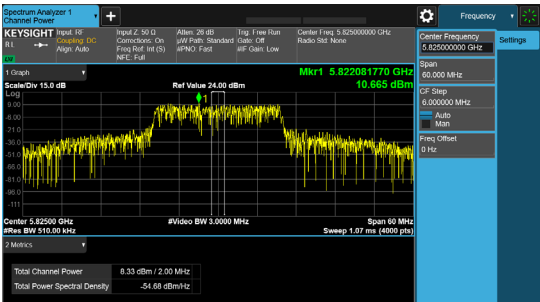
Antenna A



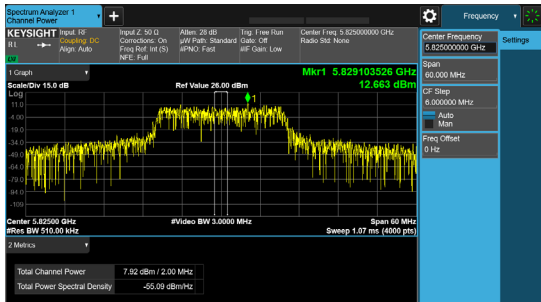
Antenna B

Data Screenshots – Antenna gain 8dBi.

5825 MHz: HE20, M0 to M11 1ss

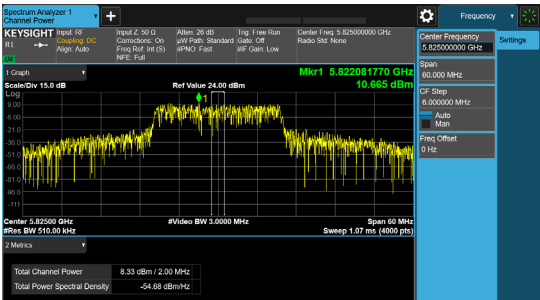


Antenna A

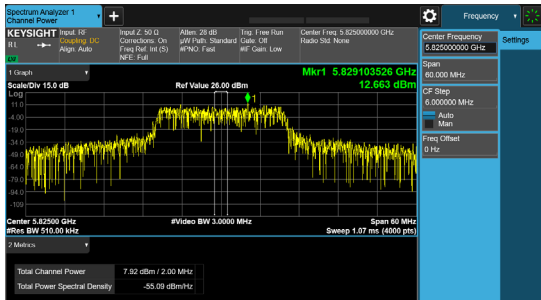


Antenna B

5825 MHz: HE20 Beam Forming, M0 to M11 1ss

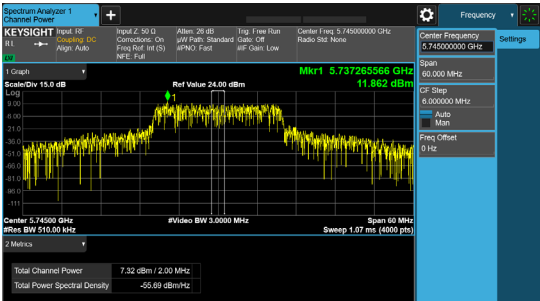


Antenna A

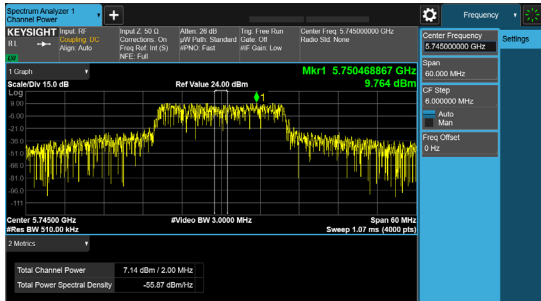


Antenna B

5745 MHz: HE20, M0 to M11 1ss



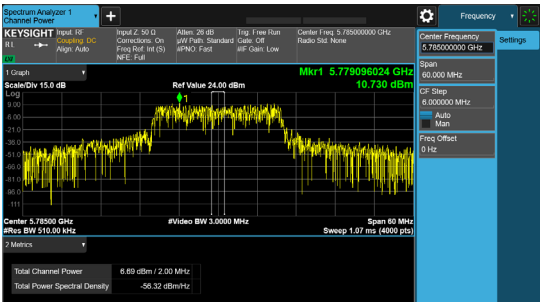
Antenna A



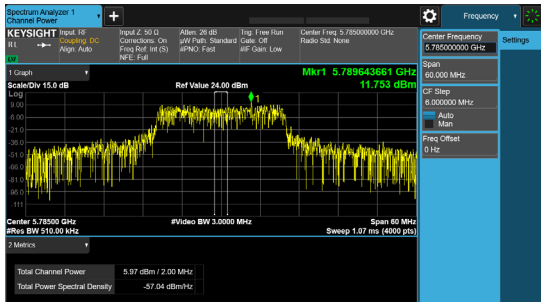
Antenna B

Data Screenshots – Antenna gain 15dBi.

5785 MHz: HE20, M0 to M11 1ss

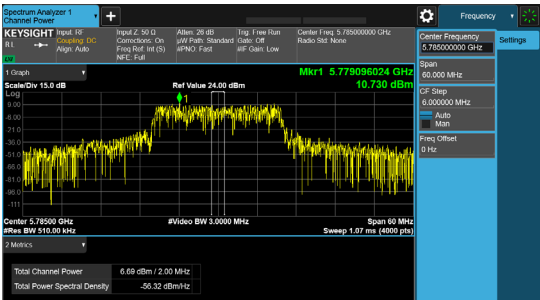


Antenna A

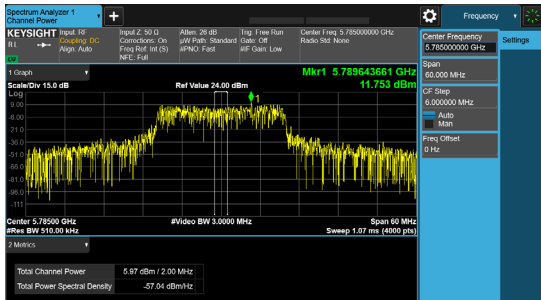


Antenna B

5785 MHz: HE20, M0 to M11 2ss

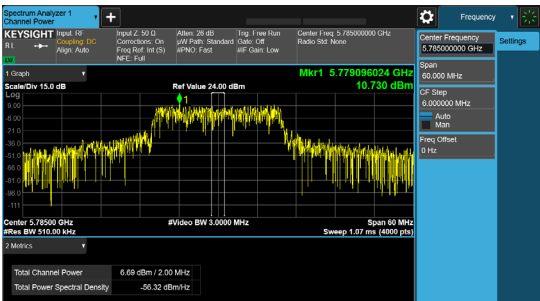


Antenna A

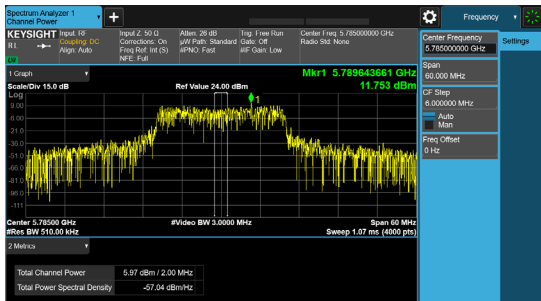


Antenna B

5785 MHz: HE20 Beam Forming, M0 to M11 1ss



Antenna A



Antenna B