
9.5 LP OUTPUT POWER AND PSD

LIMITS

FCC §15.407

Band 5.925-7.125 GHz

(8) For client devices operating under the control of an indoor access point in the 5.925-7.125 GHz bands, the maximum power spectral density must not exceed -1 dBm e.i.r.p. in any 1-megahertz band, and the maximum e.i.r.p. over the frequency band of operation must not exceed 24 dBm.

TEST PROCEDURE

Conducted Output Power: KDB 789033 D02, Section II E.3.b (Method PM-G), because the gated power measurement is used the calculation of EIRP power does not include any corrections for duty factor.

The measurement method used for power spectral density is KDB 789033 D02, Section F

RESULTS

The plots in these sections are for reference settings only for different bandwidth and different antenna.

DIRECTIONAL ANTENNA GAIN

For 1 TX:

There is only one transmitter output therefore the directional gain is equal to the antenna gain.

For 2 TX:

CDD MIMO Tx chains used uncorrelated gain for EIRP calculation and correlated gain for PSD EIRP calculation; SDM MIMO Tx chains used uncorrelated for both EIRP and PSD EIRP calculation. For the straddle channels, the higher antenna gains were chosen between two bands where straddle channels are located. The directional gains are as follows:

Frequency Range (MHz)	Sub-band (MHz)	Antenna 6 (dBi)	Antenna 5 (dBi)	Uncorrelated Chains (dBi)	Correlated Chains (dBi)
5925 - 6425 UNII-5	Sub-band 1 (5955 - 6095)	4.10	-4.90	1.60	3.73
	Sub-band 2 (6115 - 6255)	4.10	-6.60	1.44	3.31
	Sub-band 3 (6275 - 6415)	3.00	-6.80	0.42	2.42
6425 - 6525 UNII-6	6435	2.60	-6.50	0.09	2.20
UNII-6/7 (Straddle Channel)	N/A	3.00	-6.50	0.45	2.50
6525 - 6875 UNII-7	6675	3.00	-7.00	0.40	2.38
UNII-7/8 (Straddle Channel)	N/A	3.00	-7.00	0.40	2.38
6875 - 7125 UNII-8	7035, 7115	2.60	-8.20	-0.06	1.79

DIRECTIONAL GAIN CALCULATION:

ANSI C63.10 section 14.4.3

Uncorrelated directional gain= $10 \cdot \log((10^{(Ant6/10)} + 10^{(Ant5/10)})/2)$

Correlated directional Gain= $10 \cdot \log(((10^{(Ant6/20)} + 10^{(Ant5/20)})^2)/2)$

Sample Calculation at UNII-5 Band:

Ant6=4.10, Ant5=-4.90

Uncorrelated Antenna gain= $10 \log[(10^{(4.10/10)} + 10^{(-4.90/10)})/2] = 1.60 \text{ dBi}$

Correlated Antenna gain= $10 \log[(10^{(4.10/20)} + 10^{(-4.90/20)})^2/2] = 3.73 \text{ dBi}$

EIRP Calculation:**1Tx**

EIRP corr'd power = Ant6 + Antenna Gain

Sample Calculation at UNII-5 Band LP:

Ant6(low channel SU) Power=4.33 dBm

EIRP corr'd power = 4.33 + 4.10 = 8.43 dBm

2Tx

EIRP corr'd power = $10 \cdot \text{LOG}(10^{(\text{Ant6}/10)} + 10^{(\text{Ant5}/10)})$ + uncorrelated directional gain

Sample Calculation at UNII-5 Band LP CDD:

Ant6(low channel SU) Power=1.64 dBm, Ant5 Power=1.63

EIRP corr'd power = $10 \cdot \text{LOG}(10^{(1.64/10)} + 10^{(1.63/10)})$ + (1.60) = 6.25 dBm

EIRP PSD Calculation:**1Tx**

EIRP corr'd PSD = DCCF + Ant6 + Antenna Gain

Sample Calculation at UNII-5 Band LP:

Ant6(low channel SU) PSD= -6.999 dBm/1MHz

EIRP corr'd PSD = 0.13 + (-6.999) + (4.10) = -2.769 dBm/1MHz

2Tx (CDD)

EIRP corr'd PSD = $(10 \cdot \text{LOG}(10^{((\text{DCCF} + \text{Ant6})/10)} + 10^{((\text{DCCF} + \text{Ant5})/10)}))$ + correlated directional gain

Sample Calculation at UNII-5 Band LP CDD:

Ant6(low channel SU) PSD=-11.120 dBm/1MHz, Ant5 PSD=-11.164 dBm/1MHz

EIRP corr'd PSD = $(10 \cdot \text{LOG}(10^{((0.13 + (-11.120))/10)} + 10^{((0.13 + (-11.164))/10)}))$ + (3.73)
= -4.272 dBm/1MHz

2Tx (SDM)

EIRP corr'd PSD = $(10 \cdot \text{LOG}(10^{((\text{DCCF} + \text{Ant6})/10)} + 10^{((\text{DCCF} + \text{Ant5})/10)}))$ + uncorrelated directional gain

Sample Calculation at UNII-5 Band LP:

Ant6(low channel SU) PSD=-8.146 dBm/1MHz, Ant5 PSD=-7.854 dBm/1MHz

EIRP corr'd PSD = $(10 \cdot \text{LOG}(10^{((0.13 + (-8.146))/10)} + 10^{((0.13 + (-7.854))/10)}))$ + (1.60)
= -3.257 dBm/1MHz

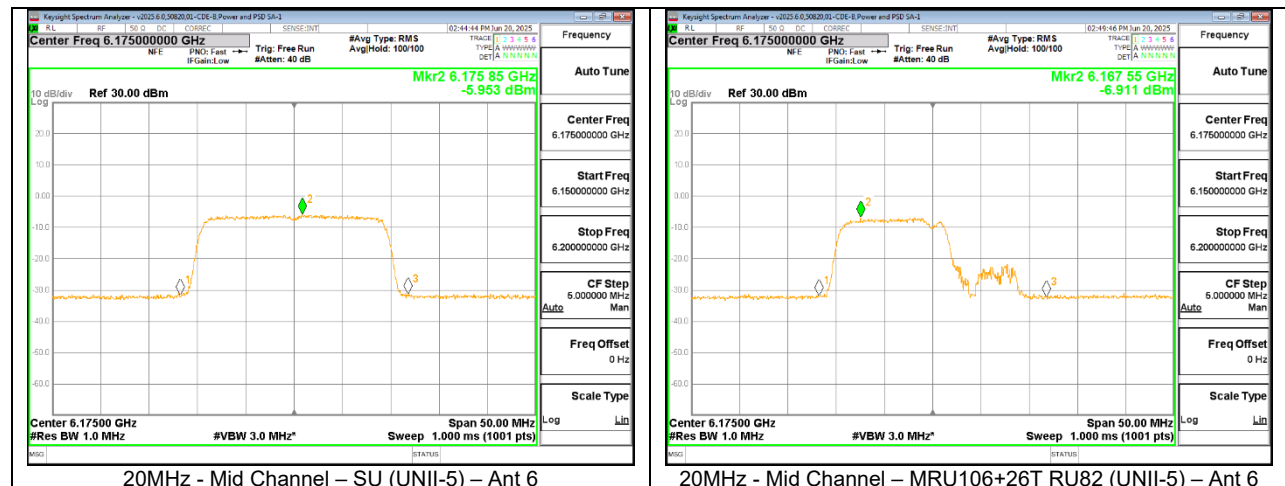
9.5.1 802.11be SISO MODE IN THE UNII-5 BAND – LOW POWER

LP UNII-5 (SISO)	Duty Factor (dB)		Ant 6 Gain (dBi)	Ant 5 Gain (dBi)	Frequency (MHz)	Channel Number	Tone	RU Index	Conducted Power (Gated) (dBm)		EIRP Power (Limit = 24dBm EIRP)		Conducted PSD (dBm/MHz)		EIRP PSD (Limit = -1 dBm/MHz EIRP)	
	SU	Partial RU							Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5
20MHz	0.13	0.1	4.10	-4.90	5955	1	SU	--	4.33	13.38	8.43	8.48	-6.999	3.609	-2.769	-1.161
							MRU	82	1.25	10.27	5.35	5.37	-8.221	2.274	-4.021	-2.526
							106+26T	83	1.25	10.21	5.35	5.31	-8.183	2.483	-3.983	-2.317
			4.10	-6.60	6175	45	SU	--	5.11	15.89	9.21	9.29	-5.953	5.377	-1.723	-1.093
							MRU	82	2.53	13.35	6.63	6.75	-6.911	5.461	-2.711	-1.039
							106+26T	83	2.66	13.37	6.76	6.77	-6.844	5.305	-2.644	-1.195
			3.00	-6.80	6415	93	SU	--	6.42	16.33	9.42	9.53	-4.380	5.491	-1.250	-1.179
							MRU	82	3.88	13.69	6.88	6.89	-5.926	5.396	-2.826	-1.304
							106+26T	83	3.86	13.64	6.86	6.84	-5.807	5.362	-2.707	-1.338
40MHz	0.23	0	4.10	-4.90	5965	3	SU	--	7.01	16.28	11.11	11.38	-7.335	3.169	-3.005	-1.501
							106T	53	0.38	9.38	4.48	4.48	-8.876	2.516	-4.776	-2.384
							106T	54	0.32	9.49	4.42	4.59	-8.519	2.562	-4.419	-2.338
			4.10	-6.60	6165	43	SU	--	8.05	18.88	12.15	12.28	-6.184	5.132	-1.854	-1.238
							106T	53	1.56	12.41	5.66	5.81	-7.453	4.573	-3.353	-2.027
							106T	54	1.68	12.47	5.78	5.87	-7.308	4.200	-3.208	-2.400
			3.00	-6.80	6405	91	SU	--	9.34	19.38	12.34	12.58	-4.795	5.160	-1.565	-1.410
							106T	53	2.99	12.98	5.99	6.18	-5.869	4.960	-2.869	-1.840
							106T	54	3.01	12.87	6.01	6.07	-6.027	5.285	-3.027	-1.515
			4.10	-4.90	5985	7	SU	--	10.21	19.21	14.31	14.31	-7.558	2.881	-3.048	-1.609
							484T	65	7.08	16.19	11.18	11.29	-7.951	1.955	-3.851	-2.945
							484T	66	7.04	16.25	11.14	11.35	-7.879	2.007	-3.779	-2.893
80MHz	0.41	0	4.10	-6.60	6145	39	SU	--	11.26	19.41	15.36	12.81	-5.891	2.724	-1.381	-3.466
							484T	65	8.06	18.85	12.16	12.25	-6.287	3.951	-2.187	-2.649
							484T	66	8.09	18.88	12.19	12.28	-6.432	3.976	-2.332	-2.624
			3.00	-6.80	6385	87	SU	--	12.17	19.49	15.17	12.69	-5.273	2.619	-1.863	-3.771
							484T	65	9.35	19.05	12.35	12.25	-5.667	3.940	-2.667	-2.860
							484T	66	9.37	19.08	12.37	12.28	-5.177	4.073	-2.177	-2.727
			4.10	-4.90	6025	15	SU	--	13.17	18.81	17.27	13.91	-7.547	-0.046	-2.837	-4.336
							52T	37	-1.49	7.77	2.61	2.87	-7.835	2.211	-3.735	-2.689
							52T	52	-1.45	7.66	2.65	2.76	-7.875	2.455	-3.775	-2.445
160MHz	0.61	0	4.10	-6.60	6185	47	SU	--	13.97	18.91	18.07	12.31	-5.989	-0.869	-1.279	-6.859
							52T	37	-1.34	9.35	2.76	2.75	-6.481	3.728	-2.381	-2.872
							52T	52	-1.38	9.38	2.72	2.78	-6.383	3.355	-2.283	-3.245
			3.00	-6.80	6345	79	SU	--	15.16	18.87	18.16	12.07	-5.139	-1.137	-1.529	-7.327
							52T	37	-0.36	9.55	2.64	2.75	-6.907	3.895	-3.907	-2.905
							52T	52	-0.34	9.42	2.66	2.62	-6.774	3.530	-3.774	-3.270
			4.10	-4.90	6025	15	SU	--	13.17	18.81	17.27	13.91	-7.547	-0.046	-2.837	-4.336
							52T	37	-1.49	7.77	2.61	2.87	-7.835	2.211	-3.735	-2.689
							52T	52	-1.45	7.66	2.65	2.76	-7.875	2.455	-3.775	-2.445
			3.00	-6.80	6345	79	SU	--	15.16	18.87	18.16	12.07	-5.139	-1.137	-1.529	-7.327
							52T	37	-0.36	9.55	2.64	2.75	-6.907	3.895	-3.907	-2.905
							52T	52	-0.34	9.42	2.66	2.62	-6.774	3.530	-3.774	-3.270

Note:

EIRP Output Power (dBm) = Measured Conducted Power (dBm) + Peak Antenna Gain (dBi)

EIRP PSD (dBm/MHz) = Measured Conducted PSD (dBm/MHz) + Duty Factor (dB) + Peak Antenna Gain (dBi)



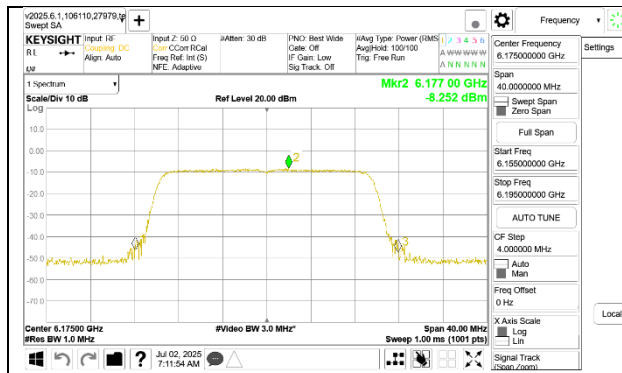
9.5.2 802.11be MIMO CDD MODE IN THE UNII-5 BAND – LOW POWER

LP CDD UNII-5 (MIMO)	Duty Factor (dB)		Un-Correlated Antenna Gain (dBi)	Correlated Antenna Gain (dBi)	Frequency (MHz)	Channel Number	Tone	RU Index	Conducted Power (Gated)		EIRP MIMO Power (Limit = 24dBm EIRP)	Conducted PSD (dBm/MHz)		EIRP MIMO PSD (Limit = -1 dBm/MHz EIRP)
	SU	Partial Rus							Ant 6	Ant 5		Ant 6	Ant 5	
20MHz	0.13	0.1	1.60	3.73	5955	1	SU	--	1.64	1.63	6.25	-11.120	-11.164	-4.272
							MRU	82	-1.39	-1.34	3.25	-10.540	-10.635	-3.747
							106+26T	83	-1.31	-1.35	3.28	-10.477	-10.162	-3.476
			1.44	3.31	6175	45	SU	--	2.91	2.98	7.40	-8.252	-8.122	-1.736
							MRU	82	0.47	0.42	4.90	-8.056	-8.254	-1.734
							106+26T	83	0.43	0.40	4.87	-8.044	-8.270	-1.735
			0.42	2.42	6415	93	SU	--	3.95	3.92	7.37	-7.657	-8.001	-2.265
							MRU	82	1.34	1.33	4.77	-8.093	-7.982	-2.507
							106+26T	83	1.35	1.38	4.80	-7.768	-7.933	-2.319
40MHz	0.23	0	1.60	3.73	5965	3	SU	--	4.48	4.47	9.09	-10.495	-10.196	-3.373
							106T	53	-2.24	-2.24	2.37	-11.643	-11.099	-4.622
								54	-2.26	-2.23	2.37	-11.506	-10.982	-4.496
								56	-2.25	-2.27	2.35	-11.410	-10.975	-4.447
			1.44	3.31	6165	43	SU	--	5.84	5.79	10.27	-8.494	-8.790	-2.089
							106T	53	-0.61	-0.67	3.81	-8.935	-8.859	-2.577
								54	-0.54	-0.54	3.91	-8.428	-9.211	-2.482
								56	-0.55	-0.59	3.88	-8.825	-9.117	-2.648
			0.42	2.42	6405	91	SU	--	6.95	6.96	10.39	-8.271	-8.596	-2.770
							106T	53	0.53	0.56	3.98	-9.235	-9.315	-3.845
								54	0.56	0.58	4.00	-9.291	-8.868	-3.644
								56	0.54	0.58	3.99	-8.763	-9.012	-3.455
80MHz	0.41	0	1.60	3.73	5985	7	SU	--	7.67	7.65	12.27	-10.443	-10.135	-3.136
							484T	65	4.45	4.44	9.06	-10.409	-10.444	-3.686
								66	4.45	4.43	9.05	-10.617	-10.381	-3.757
			1.44	3.31	6145	39	SU	--	9.07	9.04	13.51	-8.029	-8.431	-1.495
							484T	65	5.82	5.88	10.30	-8.312	-8.731	-2.196
								66	5.89	5.84	10.32	-8.603	-8.481	-2.221
			0.42	2.42	6385	87	SU	--	9.67	9.67	13.10	-9.233	-8.839	-3.191
							484T	65	6.77	6.78	10.21	-8.970	-9.010	-3.560
								66	6.71	6.75	10.16	-8.710	-8.729	-3.289
160MHz	0.61	0	1.60	3.73	6025	15	SU	--	10.51	10.53	15.13	-10.424	-10.219	-2.970
							52T	37	-4.19	-4.16	0.44	-11.586	-11.224	-4.661
								52	-4.16	-4.18	0.44	-11.711	-11.541	-4.885
			1.44	3.31	6185	47	S52	--	-4.18	-4.17	0.44	-11.676	-11.498	-4.846
							SU	--	11.89	11.87	16.33	-8.234	-8.286	-1.330
							52T	37	-3.53	-3.60	0.89	-9.176	-8.879	-2.705
								52	-3.52	-3.61	0.89	-8.839	-8.763	-2.481
								S52	-3.61	-3.58	0.86	-8.684	-8.668	-2.356
			0.42	2.42	6345	79	SU	--	12.64	12.63	16.07	-8.612	-8.865	-2.696
							52T	37	-2.74	-2.71	0.71	-9.723	-9.596	-4.229
								52	-2.72	-2.74	0.70	-9.493	-9.909	-4.266
								S52	-2.76	-2.77	0.67	-9.755	-9.605	-4.249

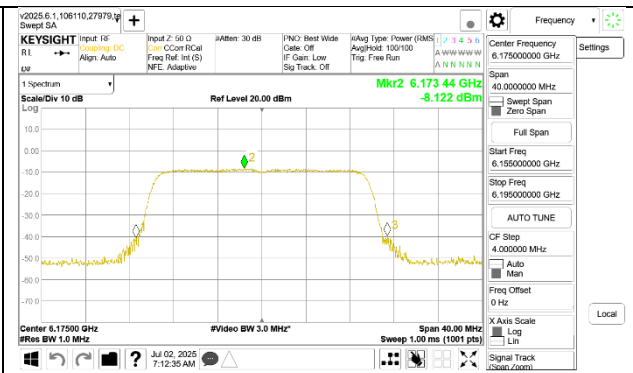
Note:

EIRP MIMO Output Power (dBm) = Measured Conducted Power (dBm) (Ant 6 + Ant 5) + Un-Correlated Antenna Gain (dBi)

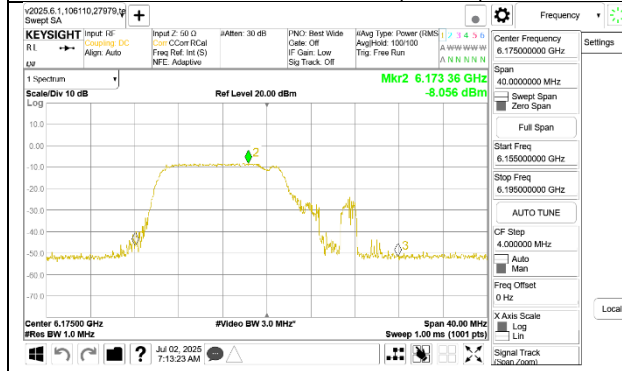
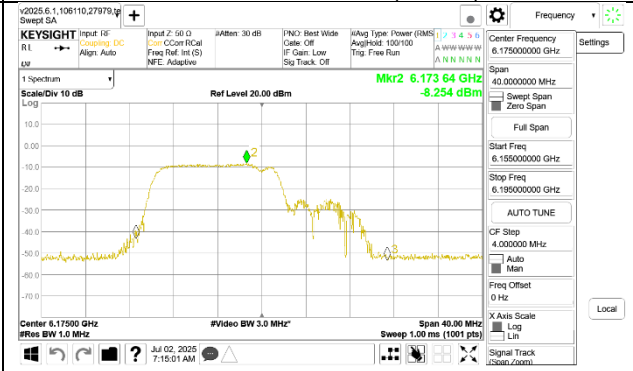
EIRP MIMO PSD (dBm/MHz) = Measured Conducted PSD (dBm/MHz) (Ant 6 + Ant 5) + Duty Factor (dB) + Correlated Antenna Gain (dBi)



20MHz - Mid Channel – SU (UNII-5) – Ant 6



20MHz - Mid Channel – SU (UNII-5) – Ant 5

20MHz - Mid Channel – MRU106+26T, RU82
(UNII-5) – Ant 620MHz - Mid Channel – MRU106+26T, RU82
(UNII-5) – Ant 5

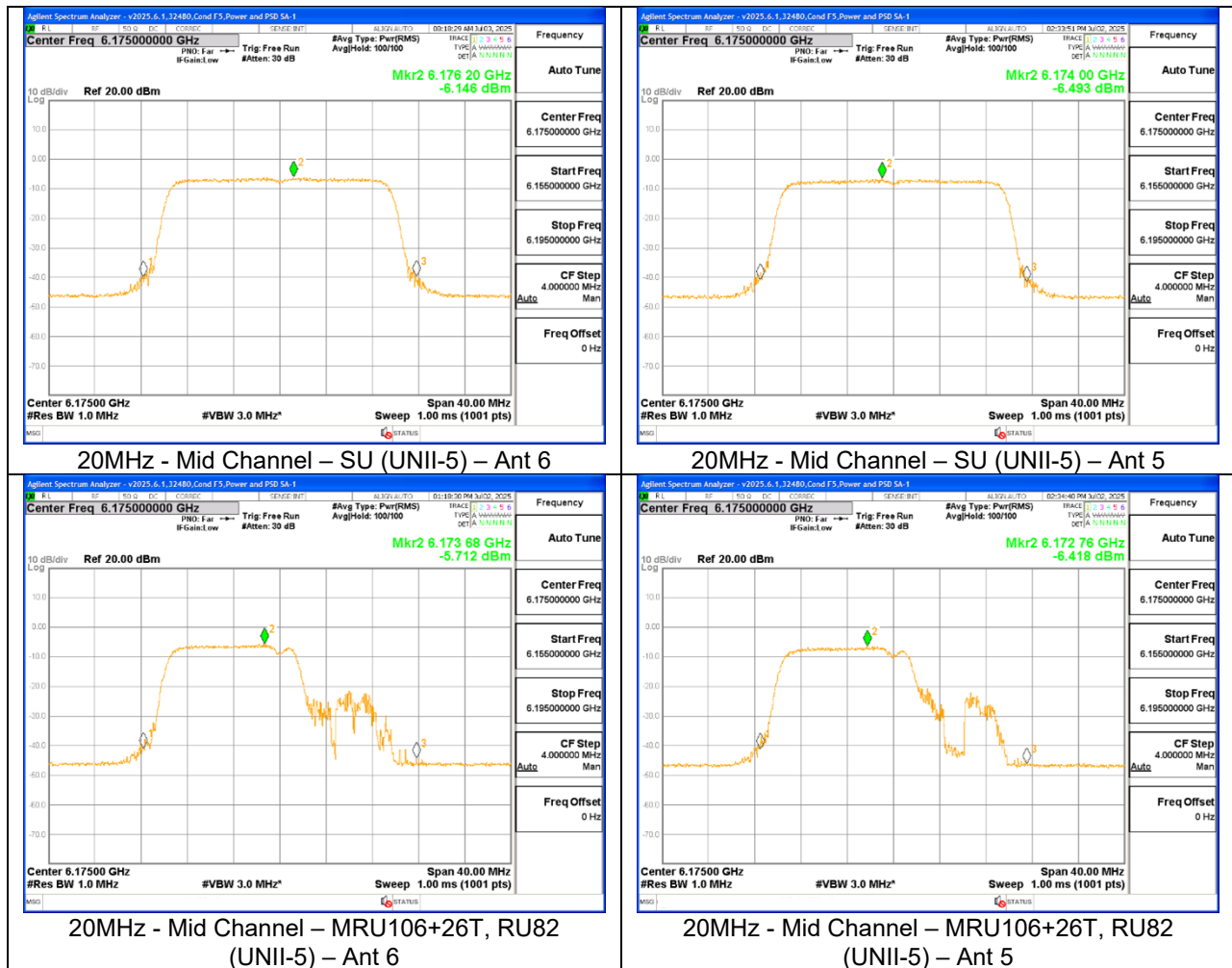
9.5.3 802.11be MIMO SDM MODE IN THE UNII-5 BAND – LOW POWER

LP SDM UNII-5 (MIMO)	Duty Factor (dB)		Un- Correlated Antenna Gain (dBi)	Correlated Antenna Gain (dBi)	Frequency (MHz)	Channel Number	Tone	RU Index	Conducted Power (Gated)		EIRP MIMO Power (Limit = 24dBm EIRP)	Conducted PSD (dBm/MHz)		EIRP MIMO PSD (Limit = -1 dBm/MHz EIRP)
	SU	Partial Rus							Ant 6	Ant 5		Ant 6	Ant 5	
20MHz	0.13	0	1.60	3.73	5955	1	SU	--	3.71	3.72	8.33	-8.146	-7.854	-3.257
							MRU	82	0.77	0.76	5.38	-8.457	-8.355	-3.795
							106+26T	83	0.78	0.72	5.36	-8.291	-8.348	-3.709
			1.44	3.31	6175	45	SU	--	4.77	4.75	9.21	-6.146	-6.493	-1.736
							MRU	82	2.37	2.38	6.83	-5.712	-6.418	-1.600
							106+26T	83	2.38	2.31	6.80	-6.581	-6.773	-2.226
			0.42	2.42	6415	93	SU	--	5.99	5.92	9.39	-6.109	-6.215	-2.601
							MRU	82	3.36	3.35	6.79	-6.629	-6.848	-3.307
							106+26T	83	3.34	3.38	6.79	-6.859	-6.794	-3.396
40MHz	0.23	0.1	1.60	3.73	5965	3	SU	--	6.52	6.55	11.15	-8.520	-8.207	-3.520
							106T	53	-0.17	-0.16	4.45	-9.320	-9.311	-4.605
								54	-0.17	-0.18	4.44	-9.340	-8.893	-4.400
			56	-0.18	-0.11	4.47		-9.230	-9.211	-4.510				
			1.44	3.31	6165	43	SU	--	7.72	7.77	12.20	-6.166	-6.220	-1.513
							106T	53	1.27	1.29	5.73	-6.165	-6.144	-1.604
								54	1.25	1.21	5.68	-6.521	-6.458	-1.939
			56	1.19	1.28	5.69		-6.196	-6.582	-1.834				
			0.42	2.42	6405	91	SU	--	8.92	8.94	12.36	-7.058	-7.114	-3.426
							106T	53	2.58	2.59	6.02	-7.355	-7.277	-3.786
								54	2.54	2.53	5.97	-7.295	-7.157	-3.695
			56	2.55	2.52	5.97		-7.117	-7.546	-3.796				
80MHz	0.41	0.11	1.60	3.73	5985	7	SU	--	9.71	9.77	14.35	-8.672	-8.123	-3.369
							484T	65	6.58	6.56	11.18	-8.459	-8.811	-3.911
								66	6.56	6.55	11.17	-8.387	-8.664	-3.803
			1.44	3.31	6145	39	SU	--	10.88	10.82	15.30	-6.178	-6.632	-1.539
							484T	65	7.77	7.71	12.19	-6.399	-6.453	-1.866
								66	7.68	7.73	12.16	-6.119	-6.213	-1.605
			0.42	2.42	6385	87	SU	--	11.63	11.64	15.07	-7.213	-7.194	-3.363
							484T	65	8.72	11.74	13.92	-6.708	-7.035	-3.328
								66	8.75	8.76	12.19	-6.905	-6.548	-3.183
160MHz	0.6	0	1.60	3.73	6025	15	SU	--	12.61	12.67	17.25	-7.938	-7.897	-2.707
							52T	37	-1.95	-1.93	2.67	-7.941	-8.148	-3.433
								52	-1.91	-1.96	2.68	-8.147	-7.926	-3.425
			S52	-1.94	-1.91	2.69		-8.233	-8.378	-3.695				
			1.44	3.31	6185	47	SU	--	13.65	13.66	18.11	-6.962	-6.755	-1.807
							52T	37	-1.65	-1.67	2.79	-6.707	-6.900	-2.352
								52	-1.64	-1.63	2.82	-6.692	-7.170	-2.474
			S52	-1.67	-1.67	2.78		-6.981	-7.150	-2.614				
			0.42	2.42	6345	79	SU	--	14.67	14.68	18.11	-6.212	-6.664	-2.402
							52T	37	-0.71	-0.75	2.70	-7.329	-7.223	-3.845
								52	-0.71	-0.74	2.71	-7.201	-7.140	-3.740
			S52	-0.74	-0.78	2.67		-7.060	-7.247	-3.722				

Note:

EIRP MIMO Output Power (dBm) = Measured Conducted Power (dBm) (Ant 6 + Ant 5) + Un-Correlated Antenna Gain (dBi)

EIRP MIMO PSD (dBm/MHz) = Measured Conducted PSD (dBm/MHz) (Ant 6 + Ant 5) + Duty Factor (dB) + Un-Correlated Antenna Gain (dBi)



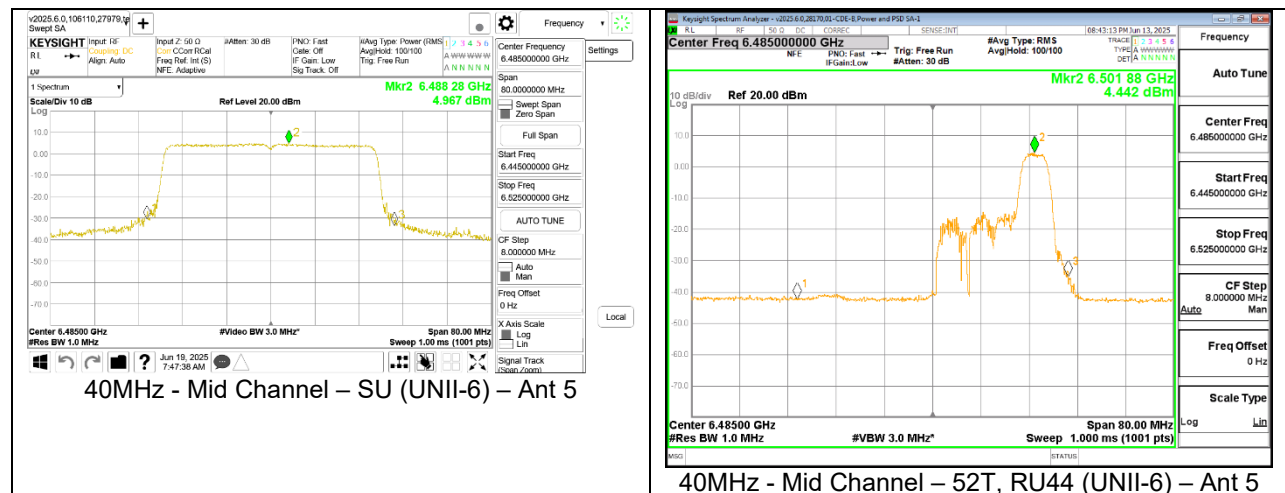
9.5.4 802.11be SISO MODE IN THE UNII-6 BAND – LOW POWER

LP UNII-6 (SISO)	Duty Factor (dB)		Ant 6 Gain (dBi)	Ant 5 Gain (dBi)	Frequency (MHz)	Channel Number	Tone	RU Index	Conducted Power (Gated) (dBm)		EIRP Power (Limit = 24dBm EIRP)		Conducted PSD (dBm/MHz)		EIRP PSD (Limit = -1 dBm/MHz EIRP)						
	SU	Partial RU							Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5					
20MHz	0.13	0	2.60	-6.50	6435	97	SU	--	6.78	15.69	9.38	9.19	-3.749	4.415	-1.019	-1.955					
							52T	37	0.26	9.39	2.86	2.89	-4.445	3.851	-1.845	-2.649					
								38	0.28	9.33	2.88	2.83	-4.442	3.916	-1.842	-2.584					
					6475	105	52T	40	0.29	9.35	2.89	2.85	-4.390	3.931	-1.790	-2.569					
								SU	--	6.72	15.81	9.32	9.31	-3.742	4.533	-1.012	-1.837				
							52T	37	0.28	9.25	2.88	2.75	-4.261	3.941	-1.661	-2.559					
					38	0.29		9.29	2.89	2.79	-4.438	4.005	-1.838	-2.495							
					6515	113	52T	40	0.27	9.19	2.87	2.69	-4.317	4.073	-1.717	-2.427					
								SU	--	6.72	15.77	9.32	9.27	-3.744	4.470	-1.014	-1.900				
							52T	37	0.26	9.34	2.86	2.84	-4.191	4.150	-1.591	-2.350					
					38	0.21		9.31	2.81	2.81	-4.426	4.085	-1.826	-2.415							
					40MHz	0.23	0.1	2.60	-6.50	6445	99	52T	40	0.23	9.00	2.83	2.50	-4.106	4.067	-1.506	-2.433
SU	--	9.57	18.61	12.17									12.11	-4.038	4.934	-1.208	-1.336				
6485	107	52T	37	0.14								9.37	2.74	2.87	-4.474	4.669	-1.774	-1.731			
			41	0.14						9.34	2.74	2.84	-4.476	4.539	-1.776	-1.861					
		44	0.13	9.28						2.73	2.78	-4.409	4.323	-1.709	-2.077						
6525 (Straddle)	115	52T	SU	--						9.56	18.66	12.16	12.16	-4.001	4.967	-1.171	-1.303				
			37	0.10						9.38	2.70	2.88	-4.205	4.538	-1.505	-1.862					
		41	0.17	9.29						2.77	2.79	-4.017	4.595	-1.317	-1.805						
80MHz	0.41	0	2.60	-6.50						6465	103	484T	44	0.12	9.31	2.72	2.81	-4.360	4.442	-1.660	-1.958
													SU	--	9.25	18.77	12.25	12.27	-4.480	4.453	-1.250
												37	-0.27	9.33	2.73	2.83	-5.538	4.610	-2.438	-1.790	
160MHz	0.61	0	3.00	-6.50						6505 (Straddle)	111	484T	44	-0.28	9.37	2.72	2.87	-5.150	4.368	-2.050	-2.032
					SU	--	12.52	18.97	15.12				12.47	-4.072	1.915	-1.062	-4.175				
					65	9.51	18.52	12.11	12.02			-4.176	4.413	-1.576	-2.087						
80MHz	0.41	0	2.60	-6.50	6465	103	484T	66	9.55	18.68	12.15	12.18	-3.964	4.574	-1.364	-1.926					
								SU	--	15.02	18.44	18.02	11.94	-4.631	-1.760	-1.021	-7.650				
							65	9.14	18.48	12.14	11.98	-4.894	4.632	-1.894	-1.868						
160MHz	0.61	0	3.00	-6.50	6505 (Straddle)	111	484T	S66	9.02	18.66	12.02	12.16	-4.652	4.598	-1.652	-1.902					
								SU	--	12.52	18.97	15.12	12.47	-4.072	1.915	-1.062	-4.175				
							65	9.51	18.52	12.11	12.02	-4.176	4.413	-1.576	-2.087						
80MHz	0.41	0	2.60	-6.50	6465	103	484T	66	9.55	18.68	12.15	12.18	-3.964	4.574	-1.364	-1.926					
								SU	--	15.02	18.44	18.02	11.94	-4.631	-1.760	-1.021	-7.650				
							65	9.14	18.48	12.14	11.98	-4.894	4.632	-1.894	-1.868						
160MHz	0.61	0	3.00	-6.50	6505 (Straddle)	111	484T	S66	9.02	18.66	12.02	12.16	-4.652	4.598	-1.652	-1.902					
								SU	--	12.52	18.97	15.12	12.47	-4.072	1.915	-1.062	-4.175				
							65	9.51	18.52	12.11	12.02	-4.176	4.413	-1.576	-2.087						

Note:

EIRP Output Power (dBm) = Measured Conducted Power (dBm) + Peak Antenna Gain (dBi)

EIRP PSD (dBm/MHz) = Measured Power Conducted PSD (dBm/MHz) + Duty Factor (dB) + Peak Antenna Gain (dBi)



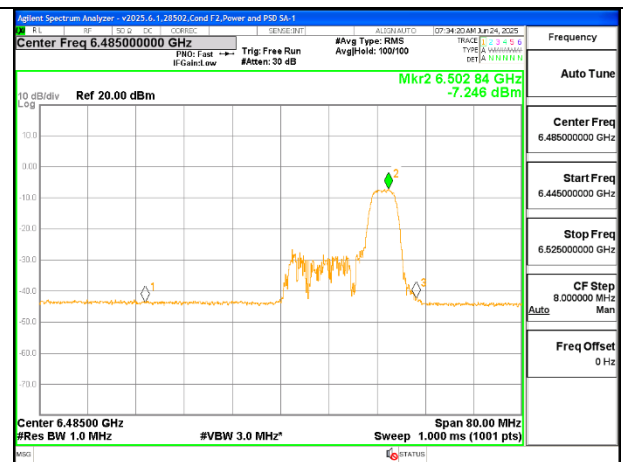
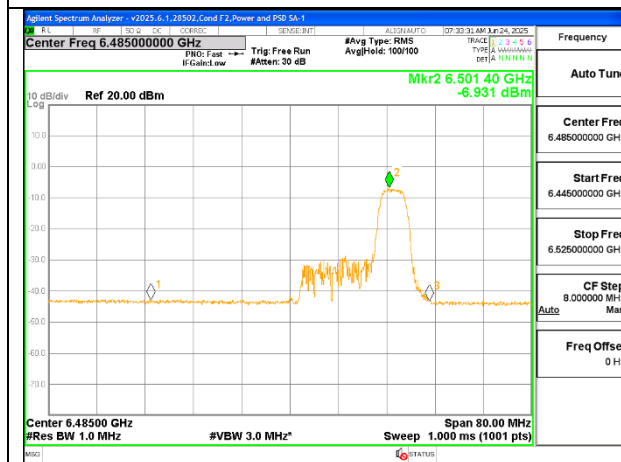
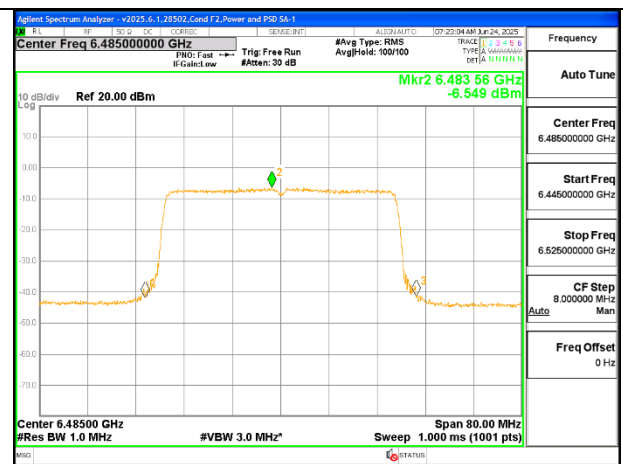
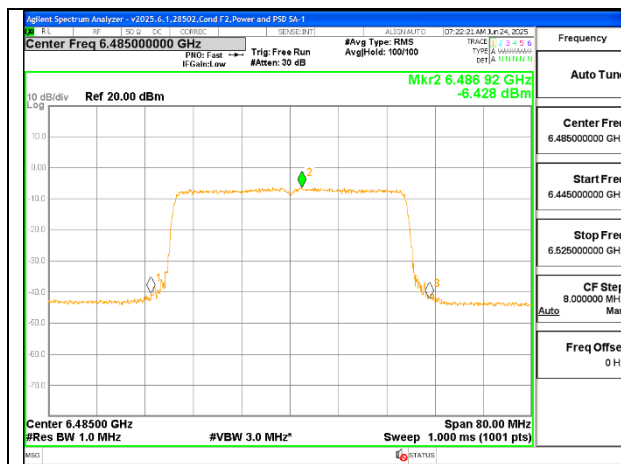
9.5.5 802.11be MIMO CDD MODE IN THE UNII-6 BAND – LOW POWER

LP CDD UNII-6 (MIMO)	Duty Factor (dB)		Un- Correlated Antenna Gain (dBi)	Correlated Antenna Gain (dBi)	Frequency (MHz)	Channel Number	Tone	RU Index	Conducted Power (Gated)		EIRP MIMO Power (Limit = 24dBm EIRP)	Conducted PSD (dBm/MHz)		EIRP MIMO PSD (Limit = -1 dBm/MHz EIRP)
	SU	Partial Rus							Ant 6	Ant 5		Ant 6	Ant 5	
20MHz	0.13	0	0.09	2.20	6435	97	SU	--	4.14	4.15	7.25	-6.352	-6.394	-1.033
							37	-2.42	-2.32	0.73	-6.966	-6.966	-1.756	
							52T	38	-2.52	-2.36	0.66	-7.371	-7.169	-2.059
							40	-2.39	-2.31	0.75	-7.133	-6.791	-1.748	
					6475	105	SU	--	4.17	4.13	7.25	-6.361	-6.323	-1.002
							37	-2.40	-2.38	0.71	-7.123	-6.892	-1.796	
							52T	38	-2.41	-2.33	0.73	-7.338	-6.841	-1.872
							40	-2.43	-2.34	0.72	-7.204	-6.791	-1.782	
					6515	113	SU	--	4.10	4.12	7.21	-6.611	-6.650	-1.290
							37	-2.44	-2.38	0.69	-7.176	-6.719	-1.731	
							52T	38	-2.35	-2.38	0.74	-7.214	-6.774	-1.778
							40	-2.47	-2.31	0.71	-6.946	-6.837	-1.681	
40MHz	0.23	0.1	0.09	2.20	6445	99	SU	--	6.88	6.81	9.95	-6.678	-6.721	-1.259
							37	-2.47	-2.43	0.65	-7.081	-7.048	-1.754	
							52T	41	-2.49	-2.46	0.63	-6.851	-7.360	-1.788
							44	-2.47	-2.51	0.61	-7.210	-6.904	-1.744	
					6485	107	SU	--	6.96	6.94	10.05	-6.428	-6.549	-1.048
							37	-2.57	-2.41	0.61	-7.477	-6.895	-1.866	
							52T	41	-2.51	-2.46	0.62	-7.440	-7.015	-1.912
							44	-2.54	-2.48	0.59	-6.931	-7.246	-1.775	
			6525 (Straddle)	115	SU	--	6.73	6.76	10.21	-6.945	-7.088	-1.276		
					37	-2.77	-2.80	0.68	-7.986	-7.656	-2.208			
					52T	41	-2.76	-2.81	0.68	-8.008	-7.577	-2.177		
					44	-2.78	-2.75	0.70	-8.069	-7.653	-2.246			
80MHz	0.41	0	0.09	2.20	6465	103	SU	--	9.88	9.86	12.97	-6.613	-6.698	-1.035
							484T	65	6.93	6.92	10.03	-6.631	-6.824	-1.516
							66	6.86	6.91	9.99	-6.868	-6.701	-1.573	
160MHz	0.61	0	0.45	2.50	6505 (Straddle)	111	SU	--	12.61	12.67	16.10	-7.153	-7.156	-1.034
							37	-2.99	-2.89	0.52	-8.306	-8.040	-2.661	
							52T	52	-2.92	-2.88	0.56	-7.898	-8.066	-2.471
							S52	-2.96	-2.87	0.55	-7.817	-7.833	-2.315	

Note:

EIRP MIMO Output Power (dBm) = Measured Conducted Power (dBm) (Ant 6 + Ant 5) + Un-Correlated Antenna Gain (dBi)

EIRP MIMO PSD (dBm/MHz) = Measured Conducted PSD (dBm/MHz) (Ant 6 + Ant 5) + Duty Factor (dB) + Correlated Antenna Gain (dBi)



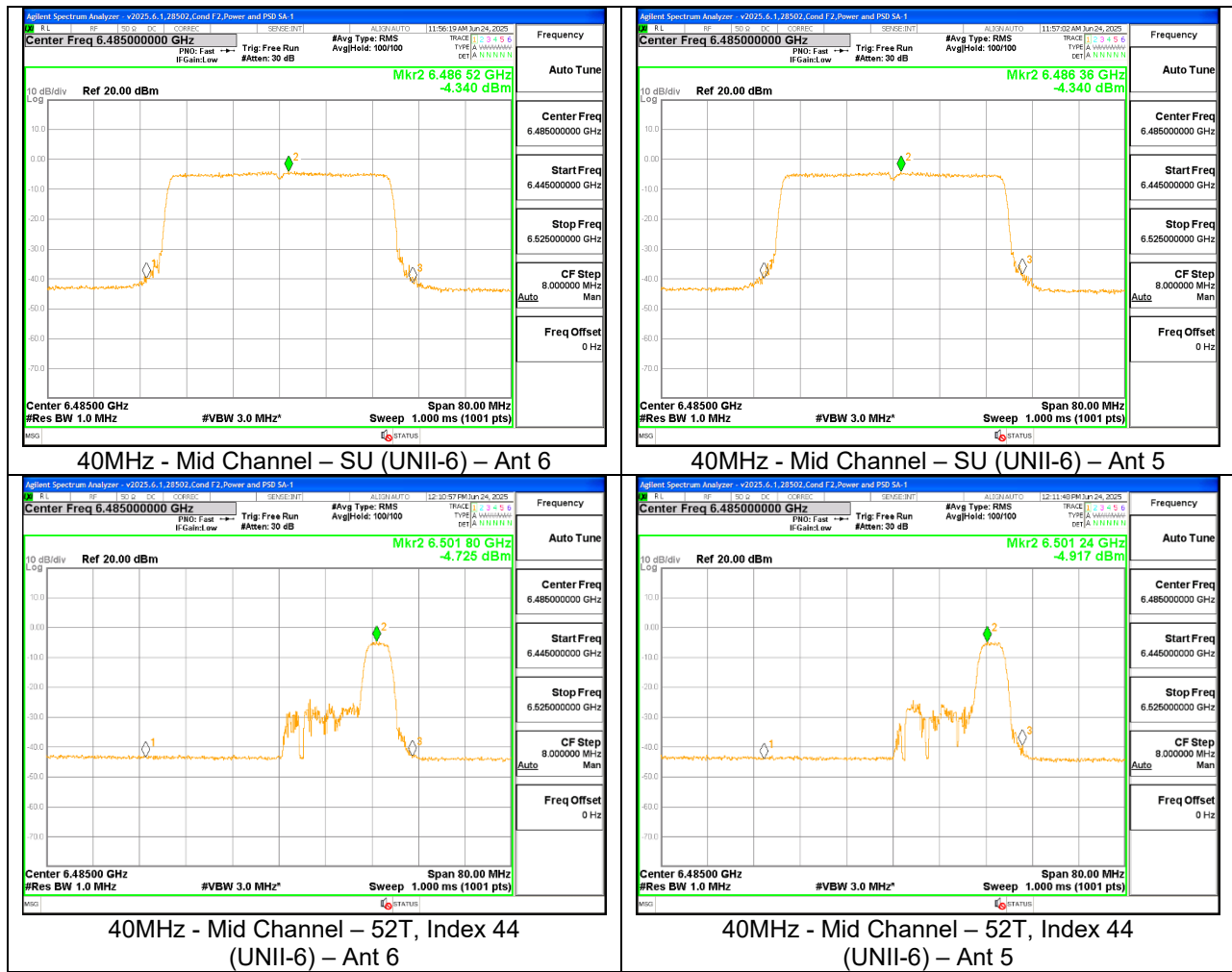
9.5.6 802.11be MIMO SDM MODE IN THE UNII-6 BAND – LOW POWER

LP SDM UNII-6 (MIMO)	Duty Factor (dB)		Un- Correlated Antenna Gain (dBi)	Correlated Antenna Gain (dBi)	Frequency (MHz)	Channel Number	Tone	RU Index	Conducted Power (Gated)		EIRP MIMO Power (Limit = 24dBm EIRP)	Conducted PSD (dBm/MHz)		EIRP MIMO PSD (Limit = -1 dBm/MHz EIRP)
	SU	Partial Rus							Ant 6	Ant 5		Ant 6	Ant 5	
20MHz	0.13	0.11	0.09	2.20	6435	97	SU	--	6.24	6.23	9.34	-4.343	-4.518	-1.199
							52T	37	-0.33	-0.28	2.80	-4.759	-4.905	-1.621
								38	-0.32	-0.22	2.83	-4.536	-4.686	-1.400
					6475	105	52T	40	-0.24	-0.28	2.84	-4.629	-4.842	-1.524
								SU	--	6.22	6.25	9.34	-4.407	-4.289
							52T	37	-0.31	-0.23	2.83	-4.540	-4.562	-1.341
					38	-0.32		-0.25	2.82	-4.434	-4.489	-1.251		
					6515	113	52T	40	-0.26	-0.25	2.85	-4.413	-4.441	-1.217
								SU	--	6.25	6.13	9.29	-4.155	-4.426
							52T	37	-0.31	-0.25	2.82	-4.306	-4.321	-1.103
					38	-0.32		-0.31	2.79	-4.704	-4.782	-1.533		
					40	-0.26	-0.22	2.86	-4.513	-4.357	-1.224			
40MHz	0.23	0.1	0.09	2.20	6445	99	SU	--	9.08	9.04	12.16	-4.310	-4.368	-1.009
							52T	37	-0.48	-0.31	2.71	-4.980	-4.999	-1.789
								41	-0.36	-0.38	2.73	-4.512	-4.645	-1.378
								44	-0.41	-0.36	2.72	-4.854	-4.913	-1.683
					6485	107	SU	--	9.04	9.06	12.15	-4.340	-4.340	-1.010
							52T	37	-0.45	-0.38	2.69	-4.897	-4.631	-1.562
								41	-0.42	-0.37	2.71	-4.354	-4.339	-1.146
			0.45	2.50		115	52T	44	-0.39	-0.36	2.73	-4.725	-4.917	-1.620
								SU	--	8.83	8.82	12.29	-4.794	-4.907
							52T	37	-0.73	-0.85	2.67	-5.701	-5.313	-1.942
								41	-0.69	-0.69	2.77	-5.301	-5.029	-1.603
								44	-0.61	-0.71	2.80	-5.709	-5.520	-2.053
80MHz	0.41	0.11	0.09	2.20	6465	103	SU	--	12.07	12.08	15.18	-4.597	-4.537	-1.057
							484T	65	9.05	9.03	12.14	-4.844	-4.847	-1.635
								66	9.06	9.04	12.15	-4.841	-4.846	-1.633
160MHz	0.6	0	0.45	2.50	6505 (Straddle)	111	SU	--	14.65	14.62	18.10	-5.063	-5.097	-1.020
							52T	37	-0.83	-0.77	2.66	-5.763	-5.811	-2.327
								52	-0.77	-0.76	2.70	-5.501	-5.554	-2.067
								S52	-0.79	-0.78	2.68	-5.588	-5.879	-2.271

Note:

EIRP MIMO Output Power (dBm) = Measured Conducted Power (dBm) (Ant 6 + Ant 5) + Un-Correlated Antenna Gain (dBi)

EIRP MIMO PSD (dBm/MHz) = Measured Conducted PSD (dBm/MHz) (Ant 6 + Ant 5) + Duty Factor (dB) + Un-Correlated Antenna Gain (dBi)



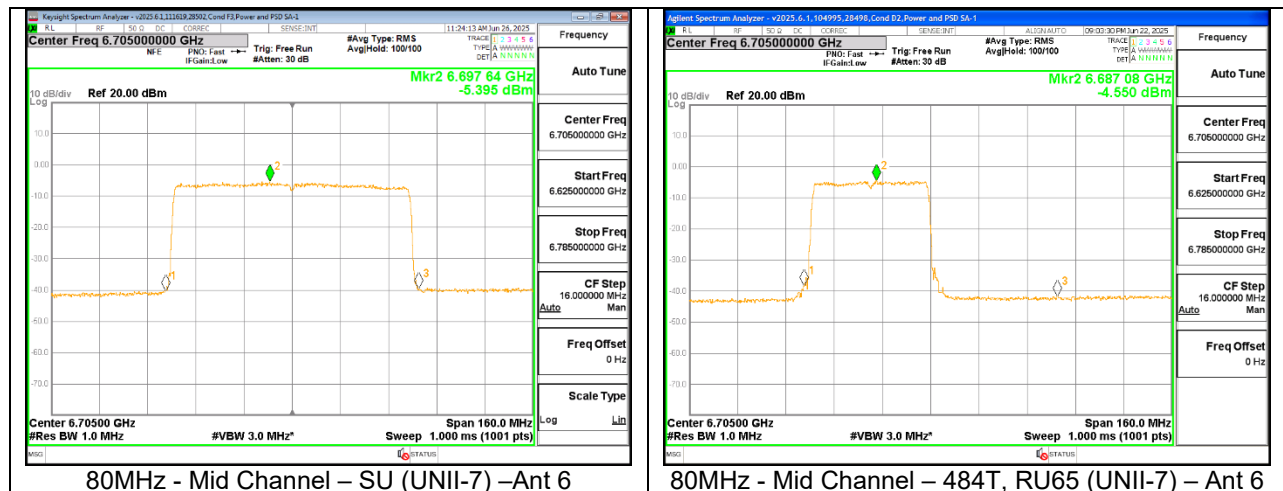
9.5.7 802.11be SISO MODE IN THE UNII-7 BAND – LOW POWER

LP UNII-7 (SISO)	Duty Factor (dB)		Ant 6 Gain (dBi)	Ant 5 Gain (dBi)	Frequency (MHz)	Channel Number	Tone	RU Index	Conducted Power (Gated) (dBm)		EIRP Power (Limit = 24dBm EIRP)		Conducted PSD (dBm/MHz)		EIRP PSD (Limit = -1 dBm/MHz EIRP)	
	SU	Partial RU							Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5
20MHz	0.13	0.09	3.00	-7.00	6535	117	SU	--	6.13	16.25	9.13	9.25	-5.226	5.252	-2.096	-1.618
							106T	53	2.85	12.82	5.85	5.82	-4.371	4.893	-1.281	-2.017
								54	2.83	12.80	5.83	5.80	-4.511	5.092	-1.421	-1.818
					6715	153	SU	--	6.18	16.24	9.18	9.24	-5.656	5.210	-2.526	-1.660
							106T	53	2.75	12.84	5.75	5.84	-4.421	5.111	-1.331	-1.799
								54	2.88	12.82	5.88	5.82	-4.373	4.212	-1.283	-2.698
			3.00	-7.00	6875 (Straddle)	185	SU	--	6.22	16.31	9.22	9.31	-5.447	5.673	-2.317	-1.197
							106T	53	2.83	12.89	5.83	5.89	-4.313	4.998	-1.223	-1.912
								54	2.97	12.96	5.97	5.96	-4.386	4.919	-1.296	-1.991
							40MHz	0.23	0	3.00	-7.00	6565	123	SU	--	9.18
242T	61	6.12	16.24	9.12	9.24	-4.480								3.782	-1.480	-3.218
	62	6.12	16.28	9.12	9.28	-4.413								3.942	-1.413	-3.058
6685	147	SU	--	9.14	18.84	12.14						11.84	-5.266	4.659	-2.036	-2.111
		242T	61	6.15	16.29	9.15						9.29	-4.499	3.973	-1.499	-3.027
			62	6.17	16.19	9.17						9.19	-4.559	3.833	-1.559	-3.167
3.00	-7.00	6845	179	SU	--	9.14				18.95	12.14	11.95	-5.430	4.476	-2.200	-2.294
				242T	61	6.15				16.18	9.15	9.18	-4.425	3.666	-1.425	-3.334
					62	6.13				16.21	9.13	9.21	-4.417	3.669	-1.417	-3.331
				80MHz	0.41	0				3.00	-6.50	6545 (Straddle)	119	SU	--	12.23
484T	65	9.12	18.84				12.12	12.34	-4.608					4.802	-1.608	-1.698
	66	9.06	18.81				12.06	12.31	-4.526					4.758	-1.526	-1.742
3.00	-7.00	6705	151				SU	--	12.18	18.89	15.18	11.89	-5.395	1.794	-1.985	-4.796
							484T	65	9.11	18.95	12.11	11.95	-4.550	4.496	-1.550	-2.504
								66	9.13	18.90	12.13	11.90	-4.542	4.744	-1.542	-2.256
3.00	-7.00	6865 (Straddle)	183				SU	--	12.22	18.94	15.22	11.94	-5.148	1.837	-1.738	-4.753
							484T	65	9.13	18.87	12.13	11.87	-4.694	4.260	-1.694	-2.740
								66	9.13	18.96	12.13	11.96	-4.682	4.550	-1.682	-2.450
							160MHz	0.61	0	3.00	-7.00	6665	143	SU	--	14.86
52T	37	-0.38	9.74	2.62	2.74	-5.441								5.017	-2.441	-1.983
	52	-0.37	9.71	2.63	2.71	-5.378								4.449	-2.378	-2.551
52T	S52	-0.32	9.68	2.68	2.68	-5.525								4.321	-2.525	-2.679
	SU	--	14.98	18.08	17.98	11.08								-5.249	-1.818	-1.639
3.00	-7.00	6825 (Straddle)	175	52T	37	-0.25								9.64	2.75	2.64
					52	-0.25				9.68	2.75	2.68	-5.240	4.043	-2.240	-2.957
				52T	S52	-0.34				9.59	2.66	2.59	-5.261	4.670	-2.261	-2.330

Note:

EIRP Output Power (dBm) = Measured Conducted Power (dBm) + Peak Antenna Gain (dBi)

EIRP PSD (dBm/MHz) = Measured Conducted PSD (dBm/MHz) + Duty Factor (dB) + Peak Antenna Gain (dBi)



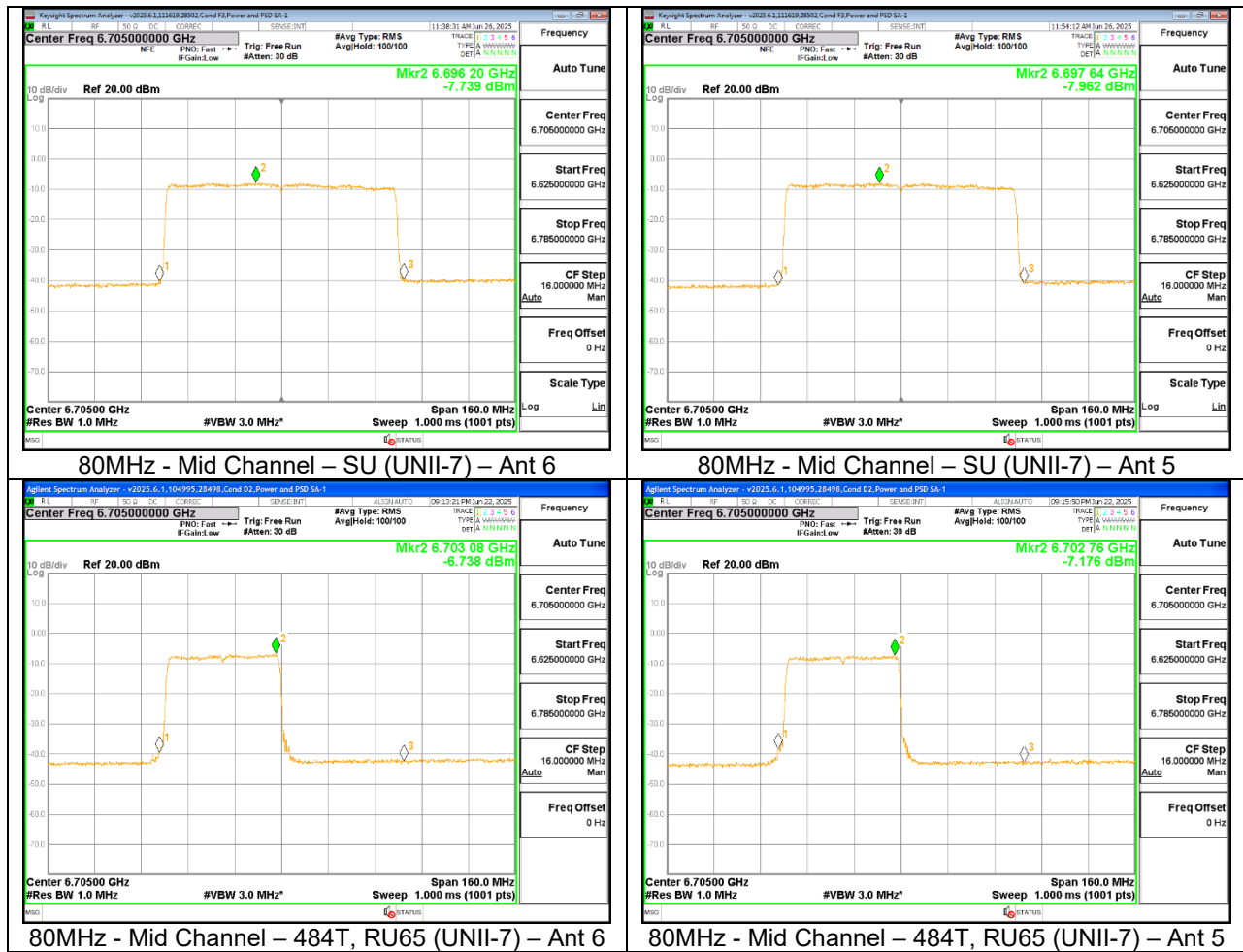
9.5.8 802.11be MIMO CDD MODE IN THE UNII-7 BAND – LOW POWER

LP CDD UNII-7 (MIMO)	Duty Factor (dB)		Un- Correlated Antenna Gain (dBi)	Correlated Antenna Gain (dBi)	Frequency (MHz)	Channel Number	Tone	RU Index	Conducted Power (Gated)		EIRP MIMO Power (Limit = 24dBm EIRP)	Conducted PSD (dBm/MHz)		EIRP MIMO PSD (Limit = -1 dBm/MHz EIRP)
	SU	Partial Rus							Ant 6	Ant 5		Ant 6	Ant 5	
20MHz	0.13	0.09	0.40	2.38	6535	117	SU	--	3.76	3.72	7.15	-6.596	-6.763	-1.158
							106T	53	0.36	0.45	3.82	-7.162	-7.394	-1.796
								54	0.46	0.42	3.85	-6.961	-7.273	-1.634
					6715	153	SU	--	3.78	3.74	7.17	-6.468	-6.680	-1.052
							106T	53	0.42	0.47	3.86	-7.252	-7.544	-1.915
								54	0.44	0.44	3.85	-7.179	-7.545	-1.878
			0.40	2.38	6875 (Straddle)	185	SU	--	3.83	3.79	7.22	-6.594	-6.518	-1.036
							106T	53	0.58	0.53	3.97	-6.871	-6.641	-1.274
								54	0.52	0.52	3.93	-6.973	-6.746	-1.378
40MHz	0.23	0	0.40	2.38	6565	123	SU	--	6.79	6.77	10.19	-6.646	-6.653	-1.029
							242T	61	3.73	3.74	7.15	-6.501	-7.223	-1.457
								62	3.76	3.76	7.17	-6.570	-6.961	-1.371
					6685	147	SU	--	6.78	6.75	10.18	-6.526	-6.819	-1.050
							242T	61	3.77	3.78	7.19	-6.794	-7.171	-1.588
								62	3.74	3.76	7.16	-6.692	-7.427	-1.654
					6845	179	SU	--	6.76	6.76	10.17	-6.618	-6.780	-1.078
							242T	61	3.76	3.71	7.15	-7.169	-7.269	-1.828
								62	3.75	3.75	7.16	-6.833	-7.356	-1.696
80MHz	0.41	0	0.45	2.50	6545 (Straddle)	119	SU	--	9.77	9.71	13.20	-7.642	-7.535	-1.668
							484T	65	6.76	6.74	10.21	-6.621	-6.668	-1.134
								66	6.74	6.72	10.19	-6.516	-6.523	-1.009
			0.40	2.38	6705	151	SU	--	9.74	9.74	13.15	-7.739	-7.962	-2.049
							484T	65	6.76	6.78	10.18	-6.738	-7.176	-1.561
								66	6.72	6.77	10.16	-6.678	-6.785	-1.341
			0.40	2.38	6865 (Straddle)	183	SU	--	9.83	9.81	13.23	-7.388	-7.603	-1.694
							484T	65	6.74	6.69	10.13	-6.778	-6.794	-1.396
								66	6.76	6.70	10.14	-6.518	-7.071	-1.395
160MHz	0.61	0	0.40	2.38	6665	143	SU	--	12.41	12.48	15.86	-6.938	-7.133	-1.034
							52T	37	-2.72	-2.75	0.68	-8.014	-8.725	-2.965
								52	-2.76	-2.82	0.62	-8.394	-8.678	-3.143
								S52	-2.82	-2.75	0.63	-8.286	-8.607	-3.053
			0.40	2.38	6825 (Straddle)	175	SU	--	12.58	12.52	15.96	-7.026	-7.054	-1.040
							52T	37	-2.64	-2.63	0.78	-7.813	-8.639	-2.816
								52	-2.53	-2.66	0.82	-7.815	-8.331	-2.675
								S52	-2.53	-2.55	0.87	-7.601	-8.552	-2.660

Note:

EIRP MIMO Output Power (dBm) = Measured Conducted Power (dBm) (Ant 6 + Ant 5) + Un-Correlated Antenna Gain (dBi)

EIRP MIMO PSD (dBm/MHz) = Measured Conducted PSD (dBm/MHz) (Ant 6 + Ant 5) + Duty Factor (dB) + Correlated Antenna Gain (dBi)



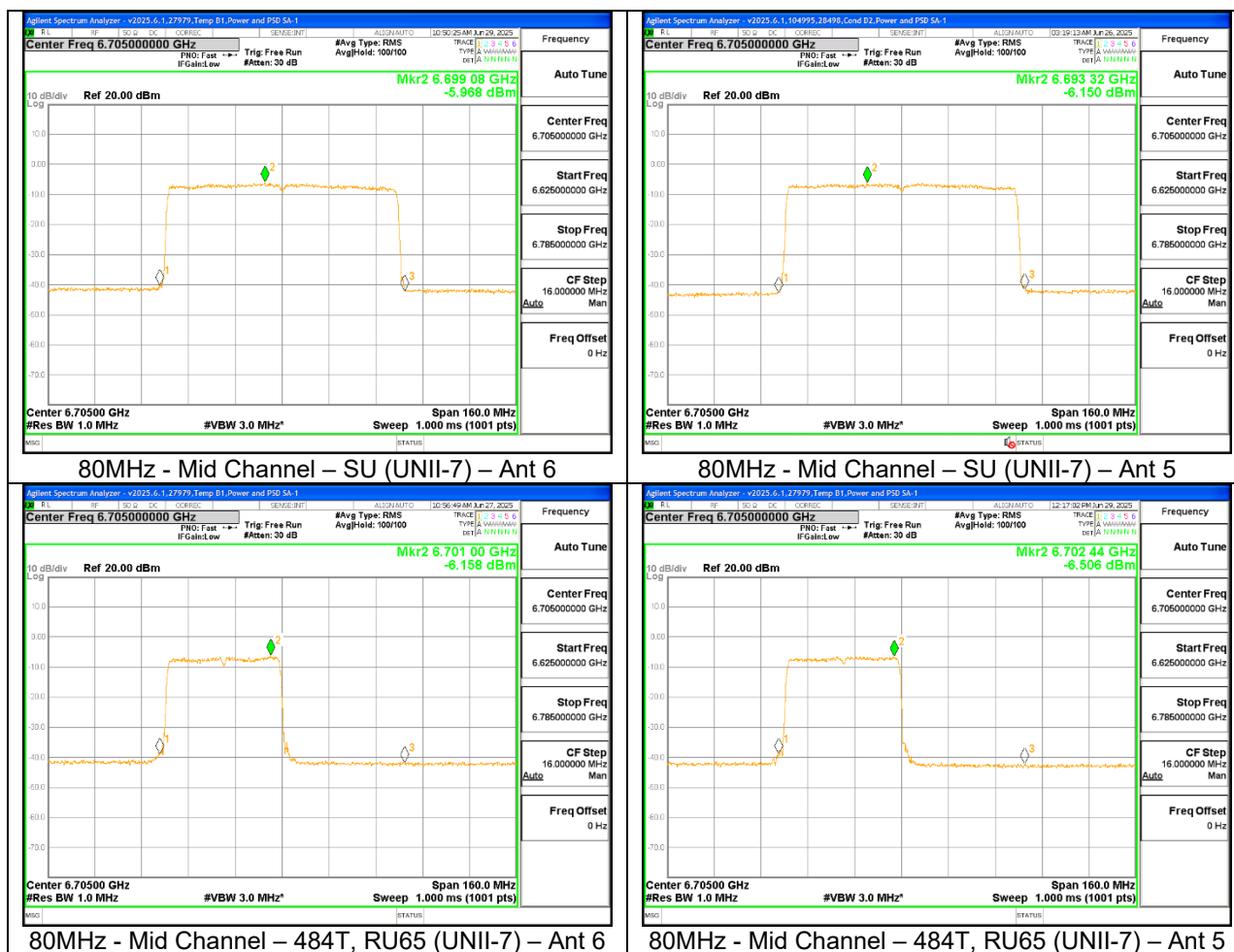
9.5.9 802.11be MIMO SDM MODE IN THE UNII-7 BAND – LOW POWER

LP SDM UNII-7 (MIMO)	Duty Factor (dB)		Un- Correlated Antenna Gain (dBi)	Correlated Antenna Gain (dBi)	Frequency (MHz)	Channel Number	Tone	RU Index	Conducted Power (Gated)		EIRP MIMO Power (Limit = 24dBm EIRP)	Conducted PSD (dBm/MHz)		EIRP MIMO PSD (Limit = -1 dBm/MHz EIRP)
	SU	Partial Rus							Ant 6	Ant 5		Ant 6	Ant 5	
20MHz	0.13	0.1	0.40	2.38	6535	117	SU	--	5.72	5.76	9.15	-5.044	-4.914	-1.438
							106T	53	2.48	2.45	5.88	-4.940	-4.621	-1.267
								54	2.39	2.39	5.80	-5.151	-4.519	-1.313
					6715	153	SU	--	5.71	5.78	9.16	-5.083	-4.808	-1.403
							106T	53	2.44	2.46	5.86	-5.082	-5.295	-1.677
								54	2.37	2.42	5.81	-5.402	-5.008	-1.690
			0.40	2.38	6875 (Straddle)	185	SU	--	5.82	5.81	9.23	-4.784	-4.797	-1.250
							106T	53	2.48	2.47	5.89	-5.252	-5.084	-1.657
								54	2.41	2.45	5.84	-5.018	-5.143	-1.570
40MHz	0.23	0	0.40	2.38	6565	123	SU	--	8.75	8.75	12.16	-5.572	-5.237	-1.761
							242T	61	5.73	5.74	9.15	-5.814	-6.127	-2.557
								62	5.76	5.60	9.09	-5.874	-6.113	-2.582
					6685	147	SU	--	8.72	8.76	12.15	-5.523	-5.590	-1.916
							242T	61	5.78	5.71	9.16	-5.676	-5.890	-2.371
								62	5.78	5.72	9.16	-5.675	-6.047	-2.447
					6845	179	SU	--	8.73	8.71	12.13	-5.584	-5.681	-1.992
							242T	61	5.76	5.77	9.18	-5.866	-6.095	-2.569
								62	5.78	5.76	9.18	-5.556	-5.740	-2.237
80MHz	0.41	0.11	0.45	2.50	6545 (Straddle)	119	SU	--	11.87	11.87	15.33	-5.825	-5.601	-1.841
							484T	65	8.75	8.75	12.21	-4.964	-4.991	-1.407
								66	8.72	8.74	12.19	-5.035	-5.031	-1.463
			0.40	2.38	6705	151	SU	--	11.78	11.74	15.17	-5.968	-6.150	-2.238
							484T	65	8.71	8.74	12.14	-6.158	-6.506	-2.808
								66	8.77	8.76	12.18	-4.601	-5.085	-1.316
			0.40	2.38	6865 (Straddle)	183	SU	--	11.77	11.78	15.19	-6.292	-6.242	-2.447
							484T	65	8.78	8.75	12.18	-5.084	-5.165	-1.604
								66	8.72	8.77	12.16	-4.954	-5.044	-1.478
160MHz	0.6	0	0.40	2.38	6665	143	SU	--	14.48	14.43	17.87	-5.659	-5.835	-1.736
							52T	37	-0.75	-0.71	2.68	-5.925	-5.786	-2.445
								52	-0.76	-0.74	2.66	-5.956	-5.578	-2.353
								S52	-0.75	-0.77	2.65	-5.737	-5.737	-2.327
			0.40	2.38	6825 (Straddle)	175	SU	--	14.56	14.58	17.98	-5.359	-5.438	-1.388
							52T	37	-0.66	-0.67	2.75	-5.548	-5.694	-2.210
								52	-0.62	-0.63	2.79	-5.582	-5.208	-2.381
								S52	-0.66	-0.64	2.76	-5.535	-5.414	-2.064

Note:

EIRP MIMO Output Power (dBm) = Measured Conducted Power (dBm) (Ant 6 + Ant 5) + Un-Correlated Antenna Gain (dBi)

EIRP MIMO PSD (dBm/MHz) = Measured Conducted PSD (dBm/MHz) (Ant 6 + Ant 5) + Duty Factor (dB) + Un-Correlated Antenna Gain (dBi)



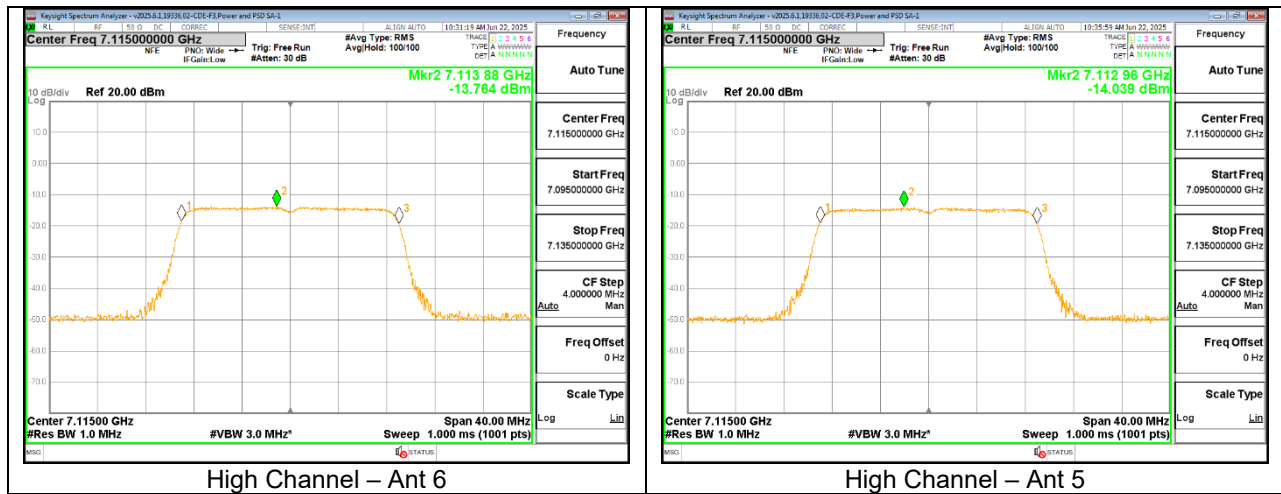
9.5.10 802.11a SISO MODE IN THE UNII-8 BAND – LOW POWER

LP UNII-8 (SISO)	Duty Factor (dB)	Ant 6 Gain (dBi)	Ant 5 Gain (dBi)	Frequency (MHz)	Channel Number	Tone	RU Index	Conducted Power (Gated) (dBm)		EIRP Power (Limit = 24dBm EIRP)		Conducted PSD (dBm/MHz)		EIRP PSD (Limit = -1 dBm/MHz EIRP)	
								Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5
20MHz	0	2.60	-8.20	7115	233	--	--	-3.51	-3.52	-0.91	-11.72	-13.764	-14.039	-11.164	-22.239

Note:

EIRP Output Power (dBm) = Measured Conducted Power (dBm)+ Peak Antenna Gain (dBi)

EIRP PSD (dBm/MHz) = Measured Conducted PSD (dBm/MHz) + Duty Factor (dB) + Peak Antenna Gain (dBi)



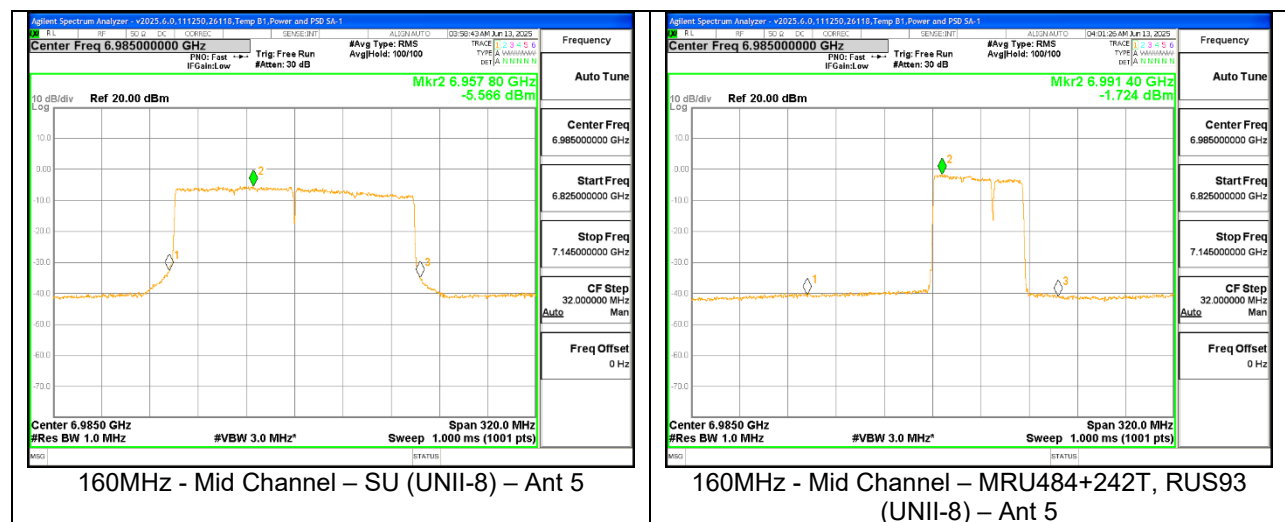
9.5.11 802.11be SISO MODE IN THE UNII-8 BAND – LOW POWER

LP UNII-8 (SISO)	Duty Factor (dB)		Ant 6 Gain (dBi)	Ant 5 Gain (dBi)	Frequency (MHz)	Channel Number	Tone	RU Index	Conducted Power (Gated) (dBm)		EIRP Power (Limit = 24dBm EIRP)		Conducted PSD (dBm/MHz)		EIRP PSD (Limit = -1 dBm/MHz EIRP)						
	SU	Partial RU							Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5					
20MHz	0.13	0.09	2.60	-8.20	6895	189	SU	--	6.55	17.39	9.15	9.19	-5.930	1.990	-3.200	-6.080					
							106T	53	3.27	14.05	5.87	5.85	-6.057	1.857	-3.367	-6.253					
								54	3.21	14.03	5.81	5.83	-6.043	2.270	-3.353	-5.840					
						SU	--	6.52	17.44	9.12	9.24	-6.145	2.382	-3.415	-5.688						
					6995	209	106T	53	3.24	14.02	5.84	5.82	-6.355	1.947	-3.665	-6.163					
								54	3.27	14.05	5.87	5.85	-6.103	1.747	-3.413	-6.363					
						7095	229	SU	--	6.71	17.64	9.31	9.44	-5.879	1.535	-3.149	-6.535				
								106T	53	3.43	14.24	6.03	6.04	-5.724	1.734	-3.034	-6.376				
							54	3.45	14.29	6.05	6.09	-5.737	1.620	-3.047	-6.490						
					40MHz		0.23	0	3.00	-7.00	6885 (Straddle)	187	SU	--	9.23	18.88	12.23	11.88	-5.367	0.108	-2.137
						106T							53	2.96	12.97	5.96	5.97	-5.165	-0.499	-2.165	-7.499
												54	2.89	12.84	5.89	5.84	-5.155	0.120	-2.155	-6.880	
	56	2.90	12.91	5.90		5.91						-5.223	0.176	-2.223	-6.824						
6965	203	SU	--	9.44		18.94			12.04	10.74	-5.130	0.721	-2.300	-7.249							
		106T	53	3.25		14.02			5.85	5.82	-4.705	1.257	-2.105	-6.943							
		54	3.23	14.06		5.83			5.86	-4.649	1.810	-2.049	-6.390								
		56	3.26	14.00		5.86			5.80	-4.901	1.702	-2.301	-6.498								
7085	227	SU	--	9.72		18.92			12.32	10.72	-4.914	0.100	-2.084	-7.870							
		106T	53	3.42		14.01			6.02	5.81	-4.452	1.279	-1.852	-6.921							
		54	3.44	14.08		6.04			5.88	-4.475	1.417	-1.875	-6.783								
		56	3.45	14.06		6.05			5.86	-4.477	1.127	-1.877	-7.073								
80MHz	0.41	0	2.60	-8.20	6945	199	SU	--	12.63	18.89	15.23	10.69	-4.209	-2.086	-1.199	-9.876					
							MRU 484+242T	90	11.15	18.95	13.75	10.75	-4.375	-1.100	-1.775	-9.300					
							92	11.15	18.88	13.75	10.68	-4.493	-1.256	-1.893	-9.456						
							93	11.11	18.85	13.71	10.65	-4.347	-1.187	-1.747	-9.387						
			7025	215	SU	--	12.75	18.97	15.35	10.77	-4.015	-2.320	-1.005	-10.110							
					MRU 484+242T	90	11.25	18.85	13.85	10.65	-3.833	-1.472	-1.233	-9.672							
					92	11.27	18.89	13.87	10.69	-3.895	-1.119	-1.295	-9.319								
					93	11.27	18.95	13.87	10.75	-3.963	-1.440	-1.363	-9.640								
			160MHz	0.61	0	2.60	-8.20	6985	207	SU	--	15.45	18.18	18.05	9.98	-4.215	-5.566	-1.005	-13.156		
										MRU 484+242T	90	11.16	18.15	13.76	9.95	-4.660	-1.761	-2.060	-9.961		
											93	11.17	18.19	13.77	9.99	-4.492	-1.820	-1.892	-10.020		
											S93	11.12	18.09	13.72	9.89	-4.329	-1.724	-1.729	-9.924		

Note:

EIRP Output Power (dBm) = Measured Conducted Power (dBm) + Peak Antenna Gain (dBi)

EIRP PSD (dBm/MHz) = Measured Conducted PSD (dBm/MHz) + Duty Factor (dB) + Peak Antenna Gain (dBi)



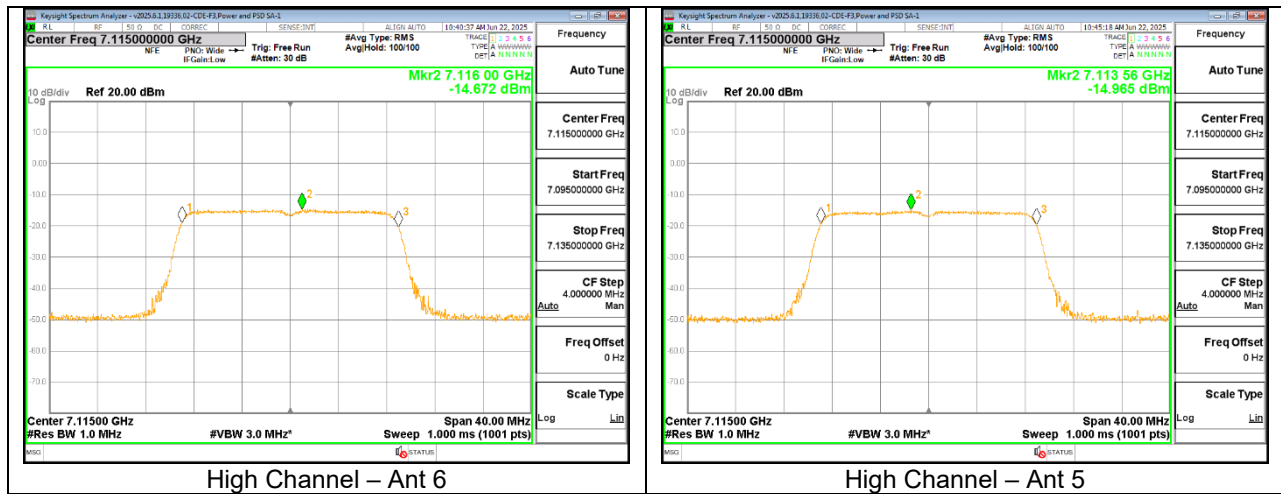
9.5.12 802.11a MIMO MODE IN THE UNII-8 BAND – LOW POWER

LP CDD UNII-8 (MIMO)	Duty Factor (dB)	Un- Correlated Antenna Gain (dBi)	Correlated Antenna Gain (dBi)	Frequency (MHz)	Channel Number	Tone	RU Index	Conducted Power (Gated)		EIRP MIMO Power (Limit = 24dBm EIRP)	Conducted PSD (dBm/MHz)		EIRP MIMO PSD (Limit = -1 dBm/MHz EIRP)
								Ant 6	Ant 5		Ant 6	Ant 5	
20MHz	0	-0.06	1.79	7115	233	--	--	-4.52	-4.54	-1.58	-14.672	-14.965	-10.016

Note:

EIRP Output Power (dBm) = Measured Conducted Power (dBm)+ Peak Antenna Gain (dBi)

EIRP PSD (dBm/MHz) = Measured Conducted PSD (dBm/MHz) + Duty Factor (dB) + Peak Antenna Gain (dBi)



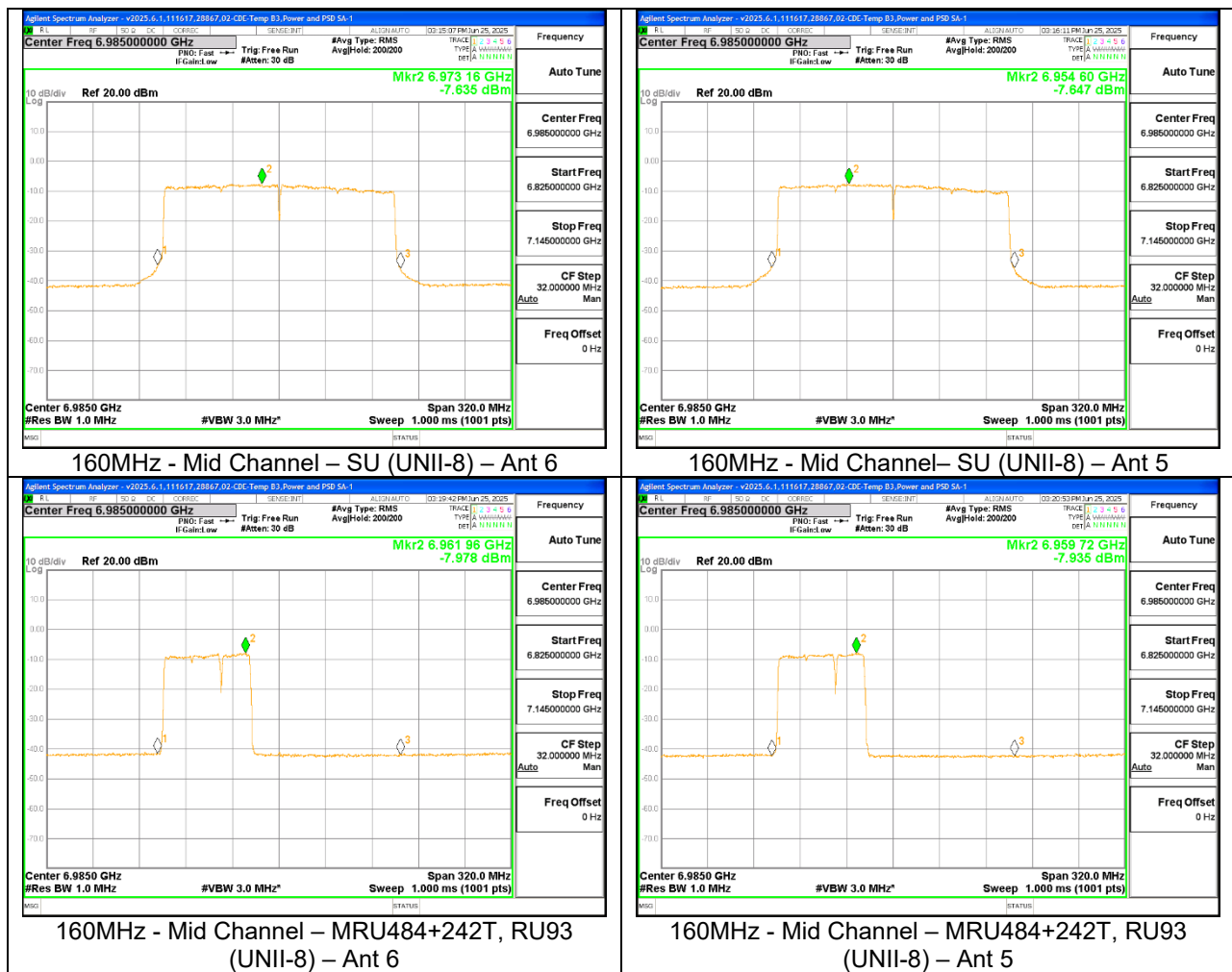
9.5.13 802.11be MIMO CDD MODE IN THE UNII-8 BAND – LOW POWER

LP CDD UNII-8 (MIMO)	Duty Factor (dB)		Un- Correlated Antenna Gain (dBi)	Correlated Antenna Gain (dBi)	Frequency (MHz)	Channel Number	Tone	RU Index	Conducted Power (Gated)		EIRP MIMO Power (Limit = 24dBm EIRP)	Conducted PSD (dBm/MHz)		EIRP MIMO PSD (Limit = -1 dBm/MHz EIRP)
	SU	Partial Rus							Ant 6	Ant 5		Ant 6	Ant 5	
20MHz	0.13	0.09	-0.06	1.79	6895	189	SU	--	4.38	4.37	7.33	-8.823	-8.840	-3.901
							106T	53	1.01	1.02	3.97	-8.576	-8.901	-3.845
								54	1.02	1.09	4.01	-8.617	-8.821	-3.828
					6995	209	SU	--	4.34	4.35	7.30	-8.723	-8.785	-3.824
							106T	53	1.03	1.01	3.97	-8.620	-9.249	-4.033
								54	1.08	1.03	4.01	-8.735	-9.075	-4.011
					7095	229	SU	--	4.57	4.55	7.51	-8.692	-8.357	-3.591
							106T	53	1.28	1.23	4.21	-8.066	-8.663	-3.464
								54	1.23	1.21	4.17	-8.238	-8.675	-3.561
40MHz	0.23	0	0.40	2.38	6885 (Straddle)	187	SU	--	6.86	6.87	10.28	-8.182	-8.009	-2.474
							106T	53	0.56	0.51	3.95	-7.734	-7.437	-2.193
								54	0.57	0.56	3.98	-7.429	-7.286	-1.967
								56	0.55	0.52	3.95	-7.936	-7.472	-2.308
							SU	--	7.28	7.25	10.22	-7.297	-7.445	-2.340
							106T	53	1.01	1.05	3.98	-6.763	-6.763	-1.963
			-0.06	1.79	6965	203		54	1.01	1.02	3.97	-7.021	-7.012	-2.216
								56	1.09	1.03	4.01	-7.250	-7.473	-2.560
							SU	--	7.34	7.36	10.30	-7.263	-7.574	-2.385
							106T	53	1.08	1.07	4.03	-7.225	-7.234	-2.429
								54	1.09	1.09	4.04	-7.015	-7.183	-2.298
								56	1.01	1.03	3.97	-7.414	-7.296	-2.554
80MHz	0.41	0	-0.06	1.79	6945	199	SU	--	10.42	10.47	13.40	-7.196	-7.231	-2.003
							MRU484+	90	8.98	8.90	11.89	-7.228	-7.209	-2.418
							242T	92	8.93	8.86	11.85	-7.024	-7.014	-2.219
			-0.06	1.79	7025	215		93	8.98	8.83	11.86	-7.182	-7.215	-2.398
							SU	--	10.35	10.35	13.30	-7.203	-7.147	-1.965
							MRU484+	90	8.88	8.85	11.82	-7.657	-7.451	-2.752
								92	8.85	8.87	11.81	-7.754	-7.098	-2.613
								93	8.85	8.86	11.81	-7.539	-7.366	-2.651
							S93	8.93	8.93		11.88	-7.751	-7.733	-2.942
160MHz	0.61	0	-0.06	1.79	6985	207	SU	--	13.27	13.26	16.22	-7.635	-7.647	-2.231
							MRU484+	90	8.92	8.90	11.86	-7.890	-7.852	-3.071
								93	8.94	8.96	11.90	-7.978	-7.935	-3.156
							S93	8.93	8.93		11.88	-7.751	-7.733	-2.942

Note:

EIRP MIMO Output Power (dBm) = Measured Conducted Power (dBm) (Ant 6 + Ant 5) + Un-Correlated Antenna Gain (dBi)

EIRP MIMO PSD (dBm/MHz) = Measured Conducted PSD (dBm/MHz) (Ant 6 + Ant 5) + Duty Factor (dB) + Correlated Antenna Gain (dBi)



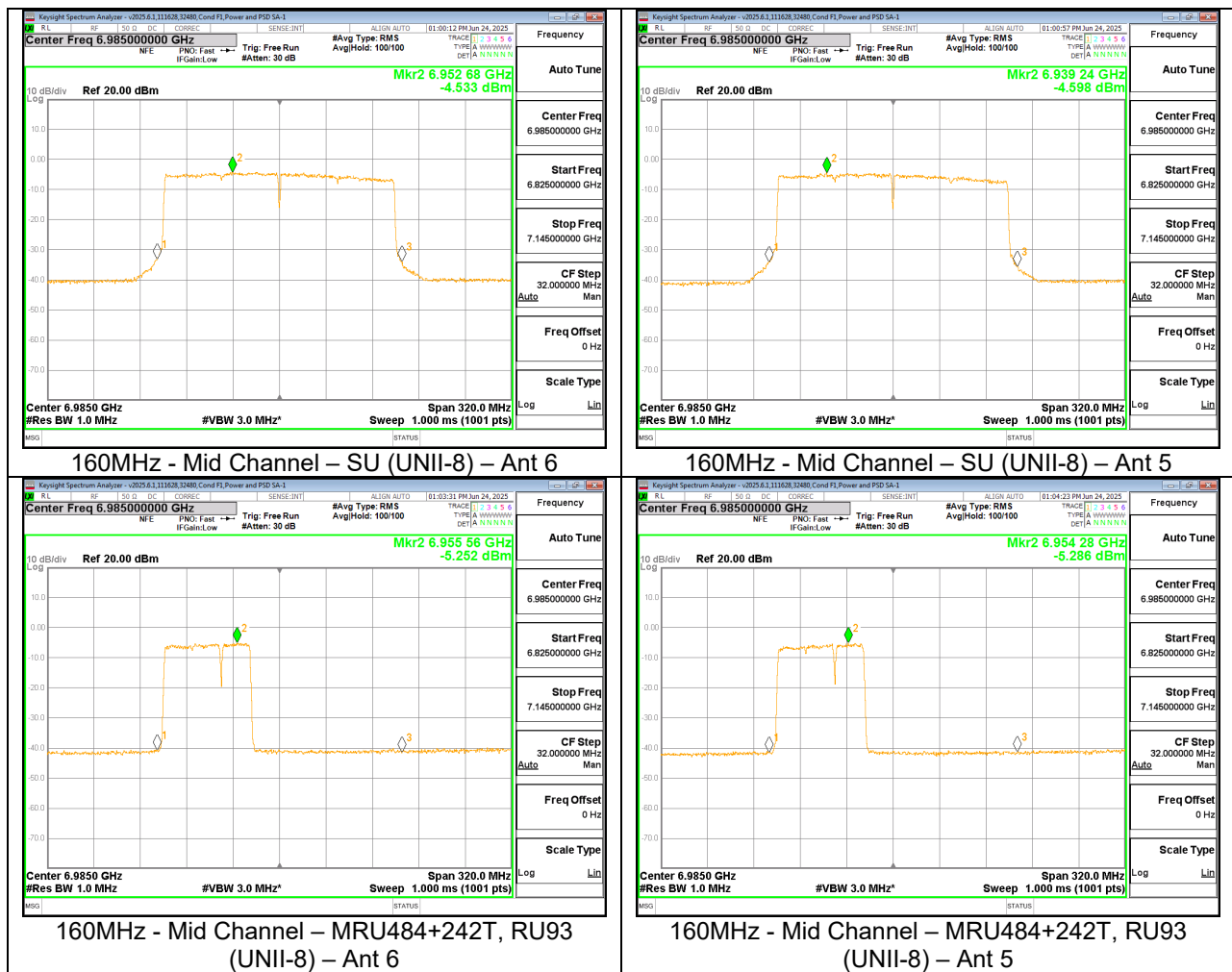
9.5.14 802.11be MIMO SDM MODE IN THE UNII-8 BAND – LOW POWER

LP SDM UNII-8 (MIMO)	Duty Factor (dB)		Un-Correlated Antenna Gain (dBi)	Correlated Antenna Gain (dBi)	Frequency (MHz)	Channel Number	Tone	RU Index	Conducted Power (Gated)		EIRP MIMO Power (Limit = 24dBm EIRP)	Conducted PSD (dBm/MHz)		EIRP MIMO PSD (Limit = -1 dBm/MHz EIRP)
	SU	Partial Rus							Ant 6	Ant 5		Ant 6	Ant 5	
20MHz	0.13	0.1	-0.06	1.79	6895	189	SU	--	6.24	6.28	9.21	-4.609	-4.637	-1.543
							106T	53	2.93	2.93	5.88	-4.906	-4.736	-1.770
								54	2.92	2.95	5.89	-4.982	-4.682	-1.779
					6995	209	SU	--	6.28	6.24	9.21	-4.588	-4.672	-1.549
							106T	53	2.91	2.95	5.88	-4.767	-4.795	-1.731
								54	2.93	2.93	5.88	-4.729	-4.690	-1.659
					7095	229	SU	--	6.45	6.48	9.42	-4.170	-4.087	-1.048
							106T	53	3.01	3.05	5.98	-4.423	-4.336	-1.329
								54	3.01	3.03	5.97	-4.302	-4.276	-1.239
40MHz	0.23	0.1	0.40	2.38	6885 (Straddle)	187	SU	--	8.72	8.72	12.13	-5.052	-5.157	-1.464
							106T	53	2.48	2.45	5.88	-5.324	-5.149	-1.725
								54	2.45	2.46	5.87	-5.380	-4.716	-1.525
								56	2.46	2.42	5.85	-5.457	-4.896	-1.657
			-0.06	1.79	6965	203	SU	--	8.94	9.02	11.93	-4.735	-4.915	-1.644
							106T	53	2.92	2.92	5.87	-4.555	-4.794	-1.623
								54	2.91	2.98	5.90	-4.395	-4.825	-1.554
								56	2.95	2.91	5.88	-4.229	-4.724	-1.419
					7085	227	SU	--	9.28	9.24	12.21	-4.207	-4.257	-1.052
							106T	53	2.91	2.88	5.85	-4.628	-4.722	-1.624
								54	2.95	2.94	5.90	-4.209	-4.683	-1.389
								56	2.92	2.91	5.87	-4.314	-4.513	-1.362
80MHz	0.41	0	-0.06	1.79	6945	199	SU	--	12.25	12.25	15.20	-4.373	-4.363	-1.008
							MRU484+242T	90	10.75	10.72	13.69	-5.008	-4.685	-1.893
								92	10.78	10.78	13.73	-5.150	-4.662	-1.949
								93	10.72	10.75	13.69	-5.016	-5.037	-2.076
			-0.06	1.79	7025	215	SU	--	12.26	12.27	15.22	-4.334	-4.446	-1.029
							MRU484+242T	90	10.75	10.78	13.72	-4.809	-4.659	-1.783
								92	10.73	10.74	13.69	-5.025	-4.731	-1.925
								93	10.78	10.78	13.73	-5.196	-4.664	-1.972
160MHz	0.6	0	-0.06	1.79	6985	207	SU	--	15.13	15.17	18.10	-4.533	-4.598	-1.015
							MRU484+242T	90	10.72	10.78	13.70	-5.085	-5.087	-2.136
								93	10.78	10.78	13.73	-5.252	-5.286	-2.319
							S93		10.72	10.78	13.70	-5.227	-5.246	-2.286

Note:

EIRP MIMO Output Power (dBm) = Measured Conducted Power (dBm) (Ant 6 + Ant 5) + Un-Correlated Antenna Gain (dBi)

EIRP MIMO PSD (dBm/MHz) = Measured Conducted PSD (dBm/MHz) (Ant 6 + Ant 5) + Duty Factor (dB) + Un-Correlated Antenna Gain (dBi)



9.6 SP OUTPUT POWER AND PSD

LIMITS

FCC §15.407

Band 5.925-7.125 GHz

(7)For client devices, except for fixed client devices as defined in this subpart, operating under the control of a standard power access point in 5.925–6.425 GHz and 6.525–6.875 GHz bands, the maximum power spectral density must not exceed 17 dBm e.i.r.p. in any 1-megahertz band, and the maximum e.i.r.p. over the frequency band of operation must not exceed 30 dBm and the device must limit its power to no more than 6 dB below its associated standard power access point's authorized transmit power.

RESULTS

The data in these sections follows the same testing parameters used for LP and SP modes PSD tests, therefore, for test setting please refer to LP mode PSD test plots.

9.6.1 802.11be SISO MODE IN THE UNII-5 BAND – STANDARD POWER

SP UNII-5 (SISO)	Duty Factor (dB)		Ant 6 Gain (dBi)	Ant 5 Gain (dBi)	Frequency (MHz)	Channel Number	Tone	RU Index	Conducted Power (Gated) (dBm)		EIRP Power (Limit = 30dBm EIRP)		Conducted PSD (dBm/MHz)		EIRP PSD (Limit = 17 dBm/MHz EIRP)	
	SU	Partial RU							Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5
20MHz	0.13	0	4.10	-4.90	5955	1	SU	--	18.94	19.48	23.04	14.58	8.920	10.923	13.150	6.153
							26T	0	14.08	19.44	18.18	14.54	12.058	18.768	16.158	13.868
								4	14.06	19.40	18.16	14.50	12.110	18.689	16.210	13.789
			8	14.07	19.36	18.17		14.46	11.930	18.592	16.030	13.692				
			4.10	-6.60	6175	45	SU	--	18.90	19.37	23.00	12.77	8.210	10.699	12.440	4.229
							26T	0	13.88	19.42	17.98	12.82	12.699	18.405	16.799	11.805
								4	13.81	19.49	17.91	12.89	11.612	18.576	15.712	11.976
			8	13.85	19.44	17.95		12.84	12.769	18.761	16.869	12.161				
			3.00	-6.80	6415	93	SU	--	18.89	19.44	21.89	12.64	8.437	10.820	11.567	4.150
							26T	0	15.38	19.41	18.38	12.61	13.671	18.441	16.671	11.641
								4	15.37	19.47	18.37	12.67	13.617	18.565	16.617	11.765
			8	15.30	19.45	18.30		12.65	13.651	18.560	16.651	11.760				
40MHz	0.23	0	4.10	-4.90	5965	3	SU	--	18.89	19.26	22.99	14.36	4.636	7.264	8.966	2.594
							26T	0	13.99	19.34	18.09	14.44	11.172	18.314	15.272	13.414
								9	14.06	19.39	18.16	14.49	11.340	18.563	15.440	13.663
			17	14.05	19.43	18.15		14.53	11.573	18.419	15.673	13.519				
			4.10	-6.60	6165	43	SU	--	18.95	19.27	23.05	12.67	4.313	7.139	8.643	0.769
							26T	0	13.75	19.48	17.85	12.88	10.869	18.513	14.969	11.913
								9	13.88	19.42	17.98	12.82	11.313	18.160	15.413	11.560
			17	13.87	19.46	17.97		12.86	10.956	17.980	15.056	11.380				
			3.00	-6.80	6405	91	SU	--	18.76	19.26	21.76	12.46	4.646	7.464	7.876	0.894
							26T	0	15.27	19.47	18.27	12.67	13.346	18.168	16.346	11.368
								9	15.21	19.41	18.21	12.61	13.473	18.254	16.473	11.454
			17	15.25	19.45	18.25		12.65	13.425	18.566	16.425	11.766				
80MHz	0.41	0.09	4.10	-4.90	5985	7	SU	--	18.97	19.41	23.07	14.51	1.855	4.605	6.365	0.115
							26T	0	13.97	19.49	18.07	14.59	11.566	12.375	15.756	7.565
								17	13.91	19.49	18.01	14.59	11.391	12.275	15.581	7.465
			36	13.97	19.44	18.07		14.54	11.288	12.093	15.478	7.283				
			4.10	-6.60	6145	39	SU	--	18.94	19.45	23.04	12.85	1.232	4.945	5.742	-1.245
							26T	0	13.87	19.43	17.97	12.83	11.324	11.041	15.514	4.531
								17	13.84	19.49	17.94	12.89	11.133	12.039	15.323	5.529
			36	13.79	19.39	17.89		12.79	11.146	11.249	15.336	4.739				
			3.00	-6.80	6385	87	SU	--	18.95	19.48	21.95	12.68	1.615	5.043	5.025	-1.347
							26T	0	15.18	19.30	18.18	12.50	12.977	11.210	16.067	4.500
								17	15.18	19.38	18.18	12.58	13.257	12.889	16.347	6.179
			36	15.16	19.46	18.16		12.66	13.243	12.688	16.333	5.978				
160MHz	0.61	0	4.10	-4.90	6025	15	SU	--	18.44	18.90	22.54	14.00	-1.098	-0.801	3.612	-5.091
							26T	0	13.77	18.94	17.87	14.04	11.006	17.178	15.106	12.278
								36	13.74	18.88	17.84	13.98	10.785	17.133	14.885	12.233
			S36	13.74	18.89	17.84		13.99	10.742	16.458	14.842	11.558				
			4.10	-6.60	6185	47	SU	--	18.47	18.98	22.57	12.38	-1.746	-0.059	2.964	-6.049
							26T	0	13.77	18.84	17.87	12.24	11.232	16.243	15.332	9.643
								36	13.88	18.97	17.98	12.37	10.480	16.676	14.580	10.076
			S36	13.84	18.94	17.94		12.34	10.949	16.429	15.049	9.829				
			3.00	-6.80	6345	79	SU	--	18.38	18.96	21.38	12.16	-1.659	-0.208	1.951	-6.398
							26T	0	15.07	18.77	18.07	11.97	12.874	16.769	15.874	9.969
								36	15.01	18.89	18.01	12.09	12.921	16.935	15.921	10.135
			S36	15.02	18.95	18.02		12.15	13.036	17.343	16.036	10.543				

Note:

EIRP Output Power (dBm) = Measured Conducted Power (dBm)+ Peak Antenna Gain (dBi)

EIRP PSD (dBm/MHz) = Measured Conducted PSD (dBm/MHz) + Duty Factor (dB) + Peak Antenna Gain (dBi)

9.6.2 802.11be MIMO CDD MODE IN THE UNII-5 BAND – STANDARD POWER

SP CDD UNII-5 (MIMO)	Duty Factor (dB)		Un- Correlated Antenna Gain (dBi)	Correlated Antenna Gain (dBi)	Frequency (MHz)	Channel Number	Tone	RU Index	Conducted Power (Gated)		EIRP MIMO Power (Limit = 30dBm EIRP)	Conducted PSD (dBm/MHz)		EIRP MIMO PSD (Limit = 17 dBm/MHz EIRP)
	SU	Partial Rus							Ant 6	Ant 5		Ant 6	Ant 5	
20MHz	0.13	0	1.60	3.73	5955	1	SU	--	18.94	18.99	23.58	7.715	7.670	14.563
							52T	37	14.18	14.12	18.76	9.093	9.118	15.846
								38	14.14	14.17	18.77	9.165	9.176	15.911
			1.44	3.31	6175	45	SU	40	14.11	14.12	18.73	9.284	9.156	15.961
								--	18.92	18.92	23.37	7.612	7.696	14.105
							52T	37	14.46	14.44	18.90	9.356	9.388	15.692
								38	14.46	14.42	18.89	9.418	9.487	15.773
								40	14.49	14.40	18.90	9.365	9.364	15.685
			0.42	2.42	6415	93	SU	--	18.98	18.88	22.36	7.832	8.000	13.477
								37	15.51	15.55	18.96	10.212	10.573	15.827
							52T	38	15.55	15.51	18.96	10.122	10.538	15.765
								40	15.58	15.57	19.01	10.425	10.253	15.770
40MHz	0.23	0.1	1.60	3.73	5965	3	SU	--	18.95	18.89	23.53	4.571	4.772	11.643
							52T	37	14.12	14.14	18.74	8.611	8.979	15.639
								41	14.17	14.14	18.77	8.894	9.037	15.806
			1.44	3.31	6165	43	SU	44	14.13	14.12	18.74	8.757	8.880	15.659
								--	18.88	18.93	23.36	4.562	4.671	11.167
							52T	37	14.46	14.48	18.92	8.522	8.566	14.964
								41	14.48	14.44	18.91	8.910	9.078	15.415
								44	14.47	14.46	18.92	8.852	8.944	15.319
			0.42	2.42	6405	91	SU	--	18.90	18.95	22.36	4.579	4.482	10.191
								37	15.54	15.54	18.97	9.831	10.024	15.459
							52T	41	15.58	15.44	18.94	9.699	10.062	15.415
								44	15.56	15.56	18.99	9.666	9.905	15.317
80MHz	0.41	0.09	1.60	3.73	5985	7	SU	--	18.99	18.95	23.58	1.874	1.675	8.926
							26T	0	11.26	11.28	15.88	8.918	8.801	15.690
								17	11.28	11.25	15.88	8.797	8.675	15.567
			1.44	3.31	6145	39	SU	36	11.25	11.24	15.86	8.662	8.768	15.546
								--	18.89	18.82	23.31	1.321	1.481	8.132
							26T	0	11.65	11.64	16.10	8.774	8.402	15.002
								17	11.66	11.67	16.12	9.257	8.831	15.460
								36	11.58	11.61	16.05	9.052	8.681	15.281
			0.42	2.42	6385	87	SU	--	18.95	18.99	22.40	1.565	1.509	7.377
								0	12.67	12.68	16.11	9.667	10.116	15.418
							26T	17	12.65	12.68	16.10	9.797	9.816	15.327
								36	12.63	12.64	16.07	9.894	9.880	15.407
160MHz	0.61	0	1.60	3.73	6025	15	SU	--	18.44	18.49	23.08	-1.329	-1.446	5.963
							52T	37	13.81	13.87	18.45	8.680	8.584	15.373
								52	13.87	13.85	18.47	8.880	8.459	15.415
			1.44	3.31	6185	47	SU	S52	13.84	13.82	18.44	8.674	8.700	15.427
								--	18.42	18.37	22.85	-1.789	-1.762	5.155
							52T	37	14.45	14.45	18.90	10.138	9.706	16.248
								52	14.35	14.48	18.87	8.793	9.145	15.293
								S52	14.42	14.49	18.91	9.515	10.065	16.119
			0.42	2.42	6345	79	SU	--	18.46	18.43	21.88	-1.442	-1.451	4.594
								37	15.27	15.19	18.66	9.955	10.200	15.510
							52T	52	15.22	15.18	18.63	9.953	10.065	15.440
								S52	15.23	15.26	18.68	9.830	9.962	15.327

Note:

EIRP MIMO Output Power (dBm) = Measured Conducted Power (dBm) (Ant 6 + Ant 5) + Un-Correlated Antenna Gain (dBi)

EIRP MIMO PSD (dBm/MHz) = Measured Conducted PSD (dBm/MHz) (Ant 6 + Ant 5) + Duty Factor (dB) + Correlated Antenna Gain (dBi)

9.6.3 802.11be MIMO SDM MODE IN THE UNII-5 BAND – STANDARD POWER

SP SDM UNII-5 (MIMO)	Duty Factor (dB)		Un- Correlated Antenna Gain (dBi)	Correlated Antenna Gain (dBi)	Frequency (MHz)	Channel Number	Tone	RU Index	Conducted Power (Gated)		EIRP MIMO Power (Limit = 30dBm EIRP)	Conducted PSD (dBm/MHz)		EIRP MIMO PSD (Limit = 17 dBm/MHz EIRP)
	SU	Partial Rus							Ant 6	Ant 5		Ant 6	Ant 5	
20MHz	0.13	0.11	1.60	3.73	5955	1	SU	--	18.85	18.92	23.50	7.626	7.416	12.263
							52T	37	16.28	16.23	20.87	11.399	11.502	16.171
								38	16.25	16.27	20.87	11.137	11.308	15.944
								40	16.19	16.25	20.83	11.088	11.221	15.875
			1.44	3.31	6175	45	SU	--	18.94	18.93	23.39	7.628	7.501	12.145
							52T	37	16.18	16.28	20.68	10.962	11.230	15.658
								38	16.24	16.19	20.67	11.095	10.854	15.536
								40	16.28	16.29	20.74	11.227	11.150	15.749
			0.42	2.42	6415	93	SU	--	18.95	18.97	22.39	7.839	7.839	11.399
							52T	37	17.55	17.54	20.98	12.621	12.684	16.193
								38	17.55	17.58	21.00	12.437	12.437	15.977
								40	17.58	17.56	21.00	12.362	12.458	15.951
40MHz	0.23	0.1	1.60	3.73	5965	3	SU	--	18.85	18.89	23.48	4.371	4.806	9.434
							52T	37	16.25	16.23	20.85	10.618	10.924	15.484
								41	16.28	16.24	20.87	11.021	11.066	15.754
								44	16.23	16.24	20.85	10.821	10.996	15.620
			1.44	3.31	6165	43	SU	--	18.89	18.93	23.36	4.298	4.618	9.141
							52T	37	16.28	16.22	20.70	10.785	10.352	15.124
								41	16.25	16.19	20.67	11.121	11.165	15.693
								44	16.23	16.27	20.70	11.093	10.791	15.495
			0.42	2.42	6405	91	SU	--	18.96	18.91	22.37	4.114	4.571	8.009
							52T	37	17.58	17.58	21.01	11.803	12.034	15.450
								41	17.56	17.57	21.00	11.860	12.223	15.576
								44	17.55	17.56	20.99	11.854	11.904	15.409
80MHz	0.41	0.11	1.60	3.73	5985	7	SU	--	18.99	18.94	23.58	1.714	1.738	6.746
							26T	0	13.34	13.36	17.96	10.823	10.704	15.484
								17	13.32	13.35	17.95	10.825	10.918	15.592
								36	13.37	13.32	17.96	10.935	10.673	15.526
			1.44	3.31	6145	39	SU	--	18.92	18.92	23.37	1.227	1.322	6.135
							26T	0	13.45	13.45	17.90	10.779	11.503	15.716
								17	13.44	13.41	17.88	10.642	10.829	15.297
								36	13.47	13.41	17.89	10.615	11.025	15.385
			0.42	2.42	6385	87	SU	--	18.95	18.88	22.35	1.247	1.603	5.269
							26T	0	14.68	14.67	18.11	11.814	11.866	15.380
								17	14.67	14.68	18.11	11.887	12.077	15.523
								36	14.63	14.67	18.08	12.106	12.083	15.635
160MHz	0.6	0	1.60	3.73	6025	15	SU	--	18.44	18.41	23.04	-1.403	-1.339	3.839
							52T	37	16.08	16.07	20.69	10.799	10.877	15.448
								52	16.01	16.04	20.64	10.881	11.013	15.558
								S52	16.05	16.04	20.66	10.833	10.869	15.461
			1.44	3.31	6185	47	SU	--	18.42	18.38	22.85	-2.001	-1.633	3.237
							52T	37	16.28	16.29	20.74	11.285	11.532	15.861
								52	16.21	16.25	20.68	11.154	10.727	15.396
								S52	16.28	16.21	20.70	10.939	10.628	15.237
			0.42	2.42	6345	79	SU	--	18.46	18.48	21.90	-1.458	-1.591	2.506
							52T	37	17.27	17.26	20.70	11.910	12.084	15.428
								52	17.23	17.19	20.64	11.920	12.085	15.434
								S52	17.27	17.24	20.69	11.802	11.973	15.319

Note:

EIRP MIMO Output Power (dBm) = Measured Conducted Power (dBm) (Ant 6 + Ant 5) + Un-Correlated Antenna Gain (dBi)

EIRP MIMO PSD (dBm/MHz) = Measured Conducted PSD (dBm/MHz) (Ant 6 + Ant 5) + Duty Factor (dB) + Un-Correlated Antenna Gain (dBi)

9.6.4 802.11be SISO MODE IN THE UNII-7 BAND – STANDARD POWER

SP UNII-7 (SISO)	Duty Factor (dB)		Ant 6 Gain (dBi)	Ant 5 Gain (dBi)	Frequency (MHz)	Channel Number	Tone	RU Index	Conducted Power (Gated) (dBm)		EIRP Power (Limit = 30dBm EIRP)		Conducted PSD (dBm/MHz)		EIRP PSD (Limit = 17 dBm/MHz EIRP)	
	SU	Partial RU							Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5
20MHz	0.13	0	3.00	-7.00	6535	117	SU	--	18.48	18.95	21.48	11.95	8.812	9.972	11.942	3.102
							26T	0	14.96	18.98	17.96	11.98	13.073	18.453	16.073	11.453
								4	14.95	18.80	17.95	11.80	12.002	18.247	15.002	11.247
					6715	153	26T	8	14.96	18.94	17.96	11.94	12.936	18.372	15.936	11.372
								--	18.49	18.99	21.49	11.99	8.783	9.712	11.913	2.842
								0	14.95	18.87	17.95	11.87	12.705	18.239	15.705	11.239
					6855	181	26T	4	14.95	18.76	17.95	11.76	11.748	18.359	14.748	11.359
								8	14.95	18.91	17.95	11.91	12.795	18.566	15.795	11.566
								--	18.42	18.96	21.42	11.96	8.741	9.801	11.871	2.931
								0	14.97	18.90	17.97	11.90	12.935	18.348	15.935	11.348
								4	14.96	18.86	17.96	11.86	12.330	18.321	15.330	11.321
								8	14.98	18.87	17.98	11.87	13.025	18.545	16.025	11.545
40MHz	0.23	0	3.00	-7.00	6565	123	SU	--	18.45	18.95	21.45	11.95	7.208	6.396	10.438	-0.374
							26T	0	15.08	18.88	18.08	11.88	13.154	17.964	16.154	10.964
								9	15.05	18.82	18.05	11.82	12.831	18.114	15.831	11.114
					6685	147	26T	17	15.06	18.88	18.06	11.88	13.329	18.001	16.329	11.001
								--	18.47	18.95	21.47	11.95	7.184	6.130	10.414	-0.640
								0	15.05	18.89	18.05	11.89	12.957	17.851	15.957	10.851
					6845	179	26T	9	15.07	18.85	18.07	11.95	13.109	17.653	16.109	10.653
								17	15.03	18.86	18.03	11.86	13.184	18.079	16.184	11.079
								--	18.49	18.92	21.49	11.92	7.179	6.024	10.409	-0.746
					6625	135	26T	0	15.07	18.94	18.07	11.94	13.434	17.730	16.434	10.730
								9	15.06	18.99	18.06	11.99	13.523	17.729	16.523	10.729
								17	15.08	18.78	18.08	11.78	13.476	17.625	16.476	10.625
					6625	135	26T	--	18.48	18.99	21.48	11.99	4.146	3.600	7.556	-2.990
80MHz	0.41	0.09	3.00	-7.00	6705	151	SU	--	18.38	18.95	21.38	11.95	4.004	3.101	7.414	-3.489
							26T	0	15.06	18.88	18.06	11.88	12.874	18.374	15.964	11.464
								17	15.06	18.88	18.06	11.88	12.800	18.307	15.890	11.397
					6785	167	26T	36	15.01	18.97	18.01	11.97	12.716	18.327	15.806	11.417
								--	18.46	18.95	21.46	11.95	4.020	3.105	7.430	-3.485
								0	15.02	18.85	18.02	11.85	12.893	18.105	15.983	11.195
					6665	143	26T	17	15.01	18.88	18.01	11.88	12.946	17.997	16.036	11.087
								36	15.03	18.89	18.03	11.89	12.978	18.042	16.068	11.132
								--	17.93	18.44	20.93	11.44	-1.400	0.413	2.210	-5.977
					6665	143	26T	0	15.06	18.44	18.06	11.44	12.246	17.509	15.246	10.509
								36	15.08	18.38	18.08	11.38	12.007	17.225	15.007	10.225
								S36	15.04	18.41	18.04	11.41	12.309	17.214	15.309	10.214

Note:

EIRP Output Power (dBm) = Measured Conducted Power (dBm)+ Peak Antenna Gain (dBi)

EIRP PSD (dBm/MHz) = Measured Conducted PSD (dBm/MHz) + Duty Factor (dB) + Peak Antenna Gain (dBi)

9.6.5 802.11be MIMO CDD MODE IN THE UNII-7 BAND – STANDARD POWER

SP CDD UNII-7 (MIMO)	Duty Factor (dB)		Un- Correlated Antenna Gain (dBi)	Correlated Antenna Gain (dBi)	Frequency (MHz)	Channel Number	Tone	RU Index	Conducted Power (Gated)		EIRP MIMO Power (Limit = 30dBm EIRP)	Conducted PSD (dBm/MHz)		EIRP MIMO PSD (Limit = 17 dBm/MHz EIRP)
	SU	Partial Rus							Ant 6	Ant 5		Ant 6	Ant 5	
20MHz	0.13	0	0.40	2.38	6535	117	SU	--	18.48	18.38	21.84	8.589	8.424	14.028
							26T	0	12.65	12.66	16.07	10.918	10.498	16.103
								4	12.63	12.68	16.07	9.743	9.529	15.028
								8	12.64	12.64	16.05	10.628	10.564	15.986
					6715	153	SU	--	18.45	18.41	21.84	8.782	8.435	14.132
							26T	0	12.66	12.61	16.05	10.769	10.500	16.027
								4	12.66	12.65	16.07	9.640	9.914	15.169
								8	12.66	12.61	16.05	10.752	10.610	16.072
					6855	181	SU	--	18.49	18.45	21.88	8.839	8.419	14.154
							26T	0	12.68	12.61	16.06	11.080	10.718	16.293
								4	12.59	12.65	16.03	10.367	10.069	15.611
								8	12.68	12.64	16.07	10.892	10.735	16.205
40MHz	0.23	0	0.40	2.38	6565	123	SU	--	18.49	18.49	21.90	4.317	4.906	10.242
							26T	0	12.67	12.64	16.07	11.035	11.162	16.489
								9	12.63	12.68	16.07	11.035	10.845	16.331
								17	12.64	12.64	16.05	11.034	10.883	16.349
					6685	147	SU	--	18.45	18.45	21.86	4.959	3.891	10.078
							26T	0	12.69	12.65	16.08	10.717	11.100	16.303
								9	12.65	12.61	16.04	10.727	10.956	16.233
								17	12.62	12.67	16.06	10.855	11.177	16.409
					6845	179	SU	--	18.49	18.43	21.87	4.122	3.803	9.586
							26T	0	12.65	12.67	16.07	10.893	10.978	16.326
								9	12.68	12.61	16.06	11.256	11.163	16.600
								17	12.67	12.65	16.07	11.163	11.079	16.512
80MHz (FCC)	0.41	0.09	0.40	2.38	6625	135	SU	--	18.45	18.48	21.88	0.972	0.733	6.654
							26T	0	12.59	12.62	16.02	10.681	10.593	16.118
								17	12.65	12.62	16.05	10.583	10.652	16.098
								36	12.59	12.68	16.05	10.592	10.596	16.074
80MHz	0.41	0.09	0.40	2.38	6705	151	SU	--	18.42	18.41	21.83	0.818	0.767	6.593
							26T	0	12.64	12.68	16.07	10.682	11.064	16.357
								17	12.67	12.66	16.08	10.918	10.716	16.298
								36	12.65	12.65	16.06	10.772	10.766	16.249
					6785	167	SU	--	18.45	18.46	21.87	0.750	0.680	6.515
							26T	0	12.65	12.61	16.04	10.847	10.975	16.392
								17	12.62	12.67	16.06	10.801	10.653	16.208
								36	12.66	12.65	16.07	10.906	10.980	16.423
160MHz	0.61	0	0.40	2.38	6665	143	SU	--	17.99	17.97	21.39	-2.392	-2.400	3.604
							26T	0	12.64	12.65	16.06	11.317	11.343	16.720
								36	12.64	16.67	18.52	11.219	11.154	16.577
								S36	12.66	16.62	18.49	11.328	11.318	16.713

Note:

EIRP MIMO Output Power (dBm) = Measured Conducted Power (dBm) (Ant 6 + Ant 5) + Un-
Correlated Antenna Gain (dBi)

EIRP MIMO PSD (dBm/MHz) = Measured Conducted PSD (dBm/MHz) (Ant 6 + Ant 5) + Duty
Factor (dB) + Correlated Antenna Gain (dBi)

9.6.6 802.11be MIMO SDM MODE IN THE UNII-7 BAND – STANDARD POWER

SP SDM UNII-7 (MIMO)	Duty Factor (dB)		Un-Correlated Antenna Gain (dBi)	Correlated Antenna Gain (dBi)	Frequency (MHz)	Channel Number	Tone	RU Index	Conducted Power (Gated)		EIRP MIMO Power (Limit = 30dBm EIRP)	Conducted PSD (dBm/MHz)		EIRP MIMO PSD (Limit = 17 dBm/MHz EIRP)
	SU	Partial Rus							Ant 6	Ant 5		Ant 6	Ant 5	
20MHz	0.13	0	0.40	2.38	6535	117	SU	--	18.45	18.49	21.88	7.660	7.547	11.144
							26T	0	14.55	14.56	17.97	12.128	12.157	15.553
								4	14.53	14.52	17.94	11.449	11.333	14.802
								8	14.54	14.53	17.95	12.161	12.469	15.728
					6715	153	SU	--	18.46	18.49	21.89	7.491	7.213	10.895
							26T	0	14.52	14.55	17.95	12.504	12.532	15.928
								4	14.56	14.58	17.98	11.133	11.425	14.692
								8	14.52	14.55	17.95	12.265	12.495	15.792
					6855	181	SU	--	18.47	18.46	21.88	7.381	7.319	10.890
							26T	0	14.51	14.52	17.93	12.486	12.526	15.916
								4	14.56	14.56	17.97	11.038	11.212	14.536
								8	14.56	14.58	17.98	12.224	12.544	15.797
40MHz	0.23	0	0.40	2.38	6565	123	SU	--	18.45	18.49	21.88	4.780	4.393	8.231
							26T	0	14.56	14.52	17.95	13.518	13.580	16.959
								9	14.58	14.53	17.97	13.549	13.433	16.902
								17	14.52	14.52	17.93	13.563	13.588	16.986
					6685	147	SU	--	18.46	18.48	21.88	4.741	4.312	8.172
							26T	0	14.56	14.54	17.96	13.536	13.482	16.919
								9	14.52	14.56	17.95	13.567	13.542	16.965
								17	14.54	14.51	17.94	13.500	13.564	16.942
					6845	179	SU	--	18.43	18.49	21.87	4.801	4.313	8.204
							26T	0	14.55	14.56	17.97	13.401	13.484	16.853
								9	14.58	14.54	17.97	13.447	13.588	16.928
								17	14.54	14.52	17.94	13.504	13.467	16.896
80MHz (FCC)	0.41	0.11	0.40	2.38	6625	135	SU	--	18.49	18.41	21.86	1.733	1.619	5.497
							26T	0	14.56	14.57	17.98	11.964	12.069	15.537
								17	14.52	14.56	17.95	11.735	11.949	15.364
								36	14.53	14.58	17.97	11.710	11.892	15.322
80MHz	0.41	0.11	0.40	2.38	6705	151	SU	--	18.44	18.43	21.85	1.608	1.411	5.331
							26T	0	14.57	14.56	17.98	11.765	11.926	15.367
								17	14.54	14.58	17.97	11.694	11.674	15.204
								36	14.53	14.53	17.94	11.909	12.184	15.569
					6785	167	SU	--	18.38	18.41	21.81	2.055	1.800	5.750
							26T	0	14.56	14.56	17.97	11.792	12.027	15.431
								17	14.53	14.56	17.96	11.889	11.996	15.463
								36	14.55	14.54	17.96	11.736	11.704	15.240
160MHz	0.6	0.1	0.40	2.38	6665	143	SU	--	17.95	17.93	21.35	-1.080	-1.141	2.900
							26T	0	14.56	14.51	17.95	11.090	11.247	14.680
								36	14.46	14.57	17.93	11.429	11.409	14.929
								S36	14.57	14.53	17.96	11.135	11.214	14.685

Note:

EIRP MIMO Output Power (dBm) = Measured Conducted Power (dBm) (Ant 6 + Ant 5) + Un-Correlated Antenna Gain (dBi)

EIRP MIMO PSD (dBm/MHz) = Measured Conducted PSD (dBm/MHz) (Ant 6 + Ant 5) + Duty Factor (dB) + Un-Correlated Antenna Gain (dBi)

9.7 VLP OUTPUT POWER AND PSD

LIMITS

FCC §15.407

Bands: 5.925–6.425 GHz and 6.525–6.875 GHz

(9) For very low power devices operating in the 5.925-6.425 GHz and 6.525-6.875 GHz bands, the maximum power spectral density must not exceed –5 dBm e.i.r.p in any 1-megahertz band and the maximum e.i.r.p must not exceed 14 dBm.

RESULTS

The data in these sections follows the same testing parameters used for LP and SP modes PSD tests, therefore, for test setting please refer to LP mode PSD test plots.

9.7.1 802.11be SISO MODE IN THE UNII-5 BAND – VERY LOW POWER

VLP UNII-5 (SISO)	Duty Factor (dB)		Ant 6 Gain (dBi)	Ant 5 Gain (dBi)	Frequency (MHz)	Channel Number	Tone	RU Index	Conducted Power (Gated) (dBm)		EIRP Power (Limit = 14dBm EIRP)		Conducted PSD (dBm/MHz)		EIRP PSD (Limit = -5 dBm/MHz EIRP)	
	SU	Partial RU							Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5
20MHz	0.13	0.1	4.10	-6.60	6115	33	SU	--	1.18	11.81	5.28	5.21	-9.989	-0.024	-5.759	-6.494
							MRU106+26T	82	-1.34	9.33	2.76	2.73	-9.364	0.075	-5.164	-6.425
								83	-1.32	9.22	2.78	2.62	-9.314	0.060	-5.114	-6.440
							SU	--	1.15	11.87	5.25	5.27	-9.428	0.906	-5.198	-5.564
			4.10	-6.60	6175	45	MRU106+26T	82	-1.35	9.25	2.75	2.65	-9.213	1.225	-5.013	-5.275
								83	-1.38	9.17	2.72	2.57	-9.468	0.887	-5.268	-5.613
							SU	--	2.44	12.34	5.44	5.54	-8.530	1.563	-5.400	-5.107
							MRU106+26T	82	-0.14	9.65	2.86	2.85	-8.210	1.377	-5.110	-5.323
								83	-0.19	9.55	2.81	2.75	-8.403	1.522	-5.303	-5.178
			3.00	-6.80	6415	93	SU	--	4.06	14.88	8.16	8.28	-9.988	0.421	-5.658	-5.949
							MRU106+26T	82	-1.31	9.39	2.79	2.79	-9.698	-0.418	-5.598	-7.018
								84	-1.35	9.34	2.75	2.74	-9.554	-1.403	-5.454	-8.003
								85	-1.33	9.36	2.77	2.76	-9.685	-1.415	-5.585	-8.015
40MHz	0.23	0	4.10	-6.60	6125	35	SU	--	5.23	15.00	8.23	8.20	-9.633	1.136	-6.403	-5.434
							MRU106+26T	82	-0.26	9.63	2.74	2.83	-9.401	0.525	-6.401	-6.275
								84	-0.21	9.60	2.79	2.80	-9.470	0.602	-6.470	-6.198
								85	-0.28	9.64	2.72	2.84	-9.333	0.728	-6.333	-6.072
			3.00	-6.80	6285	67	SU	--	5.31	15.31	8.31	8.51	-9.156	0.661	-5.926	-5.909
							MRU106+26T	82	-0.11	9.54	2.89	2.74	-8.834	0.029	-5.834	-6.771
								84	-0.16	9.58	2.84	2.78	-8.533	-0.099	-5.533	-6.899
								85	-0.11	9.49	2.89	2.69	-8.591	-0.307	-5.591	-7.107
			3.00	-6.80	6405	91	SU	--	7.25	17.99	11.35	11.39	-9.996	-0.624	-5.486	-6.814
							MRU106+26T	82	-1.31	9.36	2.79	2.76	-9.454	-0.373	-5.264	-6.883
								85	-1.33	9.38	2.77	2.78	-9.554	-1.432	-5.364	-7.942
								89	-1.30	9.30	2.80	2.70	-9.978	-1.552	-5.788	-8.062
80MHz	0.41	0.09	4.10	-6.60	6145	39	SU	--	8.15	18.06	11.15	11.26	-9.593	1.097	-6.183	-5.293
							MRU106+26T	82	-0.12	9.61	2.88	2.81	-9.329	0.014	-6.239	-6.696
								85	-0.11	9.59	2.89	2.79	-9.716	0.340	-6.626	-6.370
								89	-0.15	9.68	2.85	2.88	-9.384	-1.201	-6.294	-7.911
			3.00	-6.80	6305	71	SU	--	8.19	18.15	11.19	11.35	-9.430	1.157	-6.020	-5.233
							MRU106+26T	82	-0.17	9.48	2.83	2.68	-9.350	0.294	-6.260	-6.416
								85	-0.20	9.58	2.80	2.78	-9.405	-0.200	-6.315	-6.910
								89	-0.13	9.55	2.87	2.75	-9.396	-0.554	-6.306	-7.264
			3.00	-6.80	6385	87	SU	--	8.81	18.88	12.91	12.28	-9.987	-2.023	-5.277	-8.013
							52T	37	-5.34	5.32	-1.24	-1.28	-9.569	0.113	-5.469	-6.487
								52	-5.31	5.39	-1.21	-1.21	-9.835	0.675	-5.735	-5.925
								S52	-5.31	5.37	-1.21	-1.23	-9.464	1.217	-5.364	-5.383
160MHz	0.61	0	4.10	-6.60	6185	47	SU	--	9.93	18.90	12.93	12.10	-9.451	-1.807	-5.841	-7.997
							52T	37	-4.43	5.55	-1.43	-1.25	-10.222	0.712	-7.222	-6.088
								52	-4.47	5.50	-1.47	-1.30	-10.128	0.860	-7.128	-5.940
								S52	-4.47	5.55	-1.47	-1.25	-10.244	1.402	-7.244	-5.398
			3.00	-6.80	6345	79	SU	--	9.93	18.90	12.93	12.10	-9.451	-1.807	-5.841	-7.997
							52T	37	-4.43	5.55	-1.43	-1.25	-10.222	0.712	-7.222	-6.088

Note:

EIRP Output Power (dBm) = Measured Conducted Power (dBm)+ Peak Antenna Gain (dBi)

EIRP PSD (dBm/MHz) = Measured Conducted PSD (dBm/MHz) + Duty Factor (dB) + Peak Antenna Gain (dBi)

9.7.2 802.11be MIMO CDD MODE IN THE UNII-5 BAND – VERY LOW POWER

VLP CDD UNII-5 (MIMO)	Duty Factor (dB)		Un- Correlated Antenna Gain (dBi)	Correlated Antenna Gain (dBi)	Frequency (MHz)	Channel Number	Tone	RU Index	Conducted Power (Gated)		EIRP MIMO Power (Limit = 14dBm EIRP)	Conducted PSD (dBm/MHz)		EIRP MIMO PSD (Limit = -5 dBm/MHz EIRP)
	SU	Partial Rus							Ant 6	Ant 5		Ant 6	Ant 5	
20MHz	0.13	0.1	1.44	3.31	6115	33	SU	--	-1.05	-1.02	3.42	-12.801	-13.210	-6.550
							MRU106+26T	82	-3.51	-3.53	0.93	-12.497	-11.207	-5.384
								83	-3.52	-3.51	0.94	-12.898	-11.454	-5.696
			1.44	3.31	6175	45	SU	--	-1.11	-1.09	3.35	-12.669	-12.021	-5.883
							MRU106+26T	82	-3.56	-3.55	0.90	-12.458	-12.054	-5.831
								83	-3.54	-3.52	0.92	-11.589	-11.935	-5.338
			0.42	2.42	6415	93	SU	--	-0.06	-0.09	3.36	-10.856	-10.827	-5.281
							MRU106+26T	82	-2.67	-2.62	0.79	-10.843	-10.966	-5.374
								83	-2.65	-2.68	0.77	-11.020	-10.712	-5.333
40MHz	0.23	0	1.44	3.31	6125	35	SU	--	1.87	1.88	6.33	-11.598	-12.121	-5.301
							MRU106+26T	82	-3.54	-3.56	0.90	-11.858	-12.335	-5.770
								84	-3.61	-3.54	0.88	-11.605	-11.989	-5.472
			0.42	2.42	6285	67	SU	--	2.79	2.69	6.17	-11.969	-12.036	-6.342
							MRU106+26T	82	-2.67	-2.69	0.75	-11.917	-12.091	-6.573
								84	-2.63	-2.70	0.77	-12.173	-12.106	-6.709
								85	-2.65	-2.66	0.78	-12.145	-12.052	-6.668
			0.42	2.42	6405	91	SU	--	2.98	2.97	6.41	-10.673	-10.912	-5.131
							MRU106+26T	82	-2.61	-2.70	0.78	-11.565	-11.091	-5.891
								84	-2.68	-2.70	0.74	-11.170	-11.091	-5.700
								85	-2.63	-2.64	0.80	-10.796	-11.140	-5.534
								--	5.05	5.07	9.51	-11.156	-13.545	-5.458
80MHz	0.41	0.09	1.44	3.31	6145	39	SU	--	5.05	5.07	9.51	-11.156	-13.545	-5.458
							MRU106+26T	82	-3.60	-3.55	0.88	-13.663	-13.793	-7.317
								85	-3.69	-3.51	0.85	-13.334	-13.172	-6.842
			0.42	2.42	6305	71	SU	--	5.68	5.62	9.08	-11.955	-11.989	-6.132
							MRU106+26T	82	-2.75	-2.74	0.69	-11.589	-11.344	-5.944
								85	-2.78	-2.77	0.66	-11.633	-11.340	-5.964
			0.42	2.42	6385	87	SU	--	5.66	5.63	9.08	-11.674	-11.691	-5.842
							MRU106+26T	82	-2.62	-2.62	0.81	-11.929	-11.524	-6.201
								85	-2.63	-2.63	0.80	-11.911	-11.510	-6.186
								89	-2.68	-2.65	0.77	-11.929	-11.734	-6.310
			1.44	3.31	6185	47	SU	--	6.59	6.57	11.03	-14.064	-15.301	-7.708
							52T	37	-7.55	-7.54	-3.09	-13.425	-13.811	-7.293
								52	-7.69	-7.65	-3.22	-13.329	-13.352	-7.020
160MHz	0.61	0	1.44	3.31	6185	47		S52	-7.51	-7.54	-3.07	-13.312	-13.549	-7.109
							SU	--	7.43	7.47	10.88	-12.346	-12.476	-6.370
			0.42	2.42	6345	79	52T	37	-6.76	-6.78	-3.34	-12.094	-11.913	-6.572
								52	-6.78	-6.76	-3.34	-12.261	-11.955	-6.675
								S52	-6.76	-6.78	-3.34	-12.527	-12.544	-7.105

Note:

EIRP MIMO Output Power (dBm) = Measured Conducted Power (dBm) (Ant 6 + Ant 5) + Un-Correlated Antenna Gain (dBi)

EIRP MIMO PSD (dBm/MHz) = Measured Conducted PSD (dBm/MHz) (Ant 6 + Ant 5) + Duty Factor (dB) + Correlated Antenna Gain (dBi)

9.7.3 802.11be MIMO SDM MODE IN THE UNII-5 BAND – VERY LOW POWER

VLP SDM UNII-5 (MIMO)	Duty Factor (dB)		Un- Correlated Antenna Gain (dBi)	Correlated Antenna Gain (dBi)	Frequency (MHz)	Channel Number	Tone	RU Index	Conducted Power (Gated)		EIRP MIMO Power (Limit = 14dBm EIRP)	Conducted PSD (dBm/MHz)		EIRP MIMO PSD (Limit = -5 dBm/MHz EIRP)
	SU	Partial Rus							Ant 6	Ant 5		Ant 6	Ant 5	
20MHz	0.13	0	1.44	3.31	6115	33	SU	--	0.78	0.70	5.19	-10.899	-10.770	-6.254
							MRU106+26T	82	-1.62	-1.65	2.82	-10.833	-10.361	-6.140
								83	-1.61	-1.69	2.80	-10.827	-10.288	-6.099
			1.44	3.31	6175	45	SU	--	0.71	0.68	5.15	-10.575	-10.436	-5.925
							MRU106+26T	82	-1.64	-1.63	2.82	-10.587	-10.623	-6.155
								83	-1.74	-1.63	2.77	-10.639	-10.582	-6.160
			0.42	2.42	6415	93	SU	--	1.92	1.95	5.37	-10.950	-10.659	-7.242
							MRU106+26T	82	-0.62	-0.69	2.78	-10.820	-10.854	-7.407
								83	-0.65	-0.65	2.78	-11.351	-11.353	-7.922
40MHz	0.23	0.1	1.44	3.31	6125	35	SU	--	3.75	3.74	8.20	-10.816	-10.541	-5.996
							MRU106+26T	82	-1.64	-1.67	2.80	-10.562	-11.023	-6.236
								84	-1.62	-1.67	2.81	-10.678	-10.777	-6.177
			0.42	2.42	6285	67	SU	--	4.76	4.69	8.16	-11.113	-11.078	-7.435
							MRU106+26T	82	-0.67	-0.67	2.76	-11.837	-11.844	-8.310
								84	-0.66	-0.68	2.76	-11.809	-11.434	-8.087
			0.42	2.42	6405	91	SU	--	4.94	4.92	8.36	-10.631	-10.670	-6.990
							MRU106+26T	82	-0.68	-0.65	2.77	-11.642	-11.624	-8.103
								84	-0.63	-0.64	2.80	-11.611	-11.432	-7.990
								85	-0.69	-0.67	2.75	-11.667	-11.578	-8.092
							SU	--	6.85	6.82	11.29	-10.582	-11.080	-5.964
							MRU106+26T	82	-1.69	-1.68	2.77	-11.013	-10.971	-6.542
80MHz	0.41	0	1.44	3.31	6145	39	MRU106+26T	85	-1.63	-1.67	2.80	-11.038	-11.041	-6.589
							89	-1.62	-1.69	2.80	-11.136	-11.165	-6.700	
							SU	--	7.65	7.67	11.09	-11.537	-10.885	-7.358
			0.42	2.42	6305	71	MRU106+26T	82	-0.69	-0.68	2.75	-11.783	-11.836	-8.379
							85	-0.66	-0.67	2.77	-11.776	-11.594	-8.254	
							89	-0.68	-0.68	2.75	-11.705	-11.635	-8.240	
			0.42	2.42	6385	87	SU	--	7.64	7.66	11.08	-11.424	-11.125	-7.432
							MRU106+26T	82	-0.66	-0.64	2.78	-11.889	-11.516	-8.268
							85	-0.64	-0.65	2.79	-11.332	-11.579	-8.023	
					89	-0.65	-0.69	2.76	-11.501	-11.177	-7.906			
160MHz	0.6	0	1.44	3.31	6185	47	SU	--	8.44	8.39	12.87	-11.732	-11.886	-6.758
							52T	37	-5.64	-5.65	-1.19	-11.187	-11.170	-6.728
								52	-5.66	-5.68	-1.22	-10.540	-11.196	-6.405
			0.42	2.42	6345	79	SU	--	9.45	9.47	12.89	-12.023	-11.955	-7.959
							52T	37	-4.79	-4.81	-1.37	-12.044	-12.075	-8.629
								52	-4.75	-4.76	-1.32	-12.097	-11.739	-8.484
								S52	-4.77	-4.78	-1.34	-11.997	-11.963	-8.550

Note:

EIRP MIMO Output Power (dBm) = Measured Conducted Power (dBm) (Ant 6 + Ant 5) + Un-Correlated Antenna Gain (dBi)

EIRP MIMO PSD (dBm/MHz) = Measured Conducted PSD (dBm/MHz) (Ant 6 + Ant 5) + Duty Factor (dB) + Correlated Antenna Gain (dBi)

9.7.4 802.11be SISO MODE IN THE UNII-6 BAND – VERY LOW POWER

VLP UNII-6 (SISO)	Duty Factor (dB)		Ant 6 Gain (dBi)	Ant 5 Gain (dBi)	Frequency (MHz)	Channel Number	Tone	RU Index	Conducted Power (Gated) (dBm)		EIRP Power (Limit = 14dBm EIRP)		Conducted PSD (dBm/MHz)		EIRP PSD (Limit = -5 dBm/MHz EIRP)				
	SU	Partial RU							Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5			
20MHz	0.13	0.1	2.60	-6.50	6435	97	SU	--	2.75	11.88	5.35	5.38	-9.389	1.101	-6.659	-5.269			
							MRU106+26T	82	0.24	9.25	2.84	2.75	-9.825	0.997	-7.125	-5.403			
								83	0.21	9.21	2.81	2.71	-9.905	0.923	-7.205	-5.477			
			2.60	-6.50	6475	105	SU	--	2.68	11.84	5.28	5.34	-9.242	0.705	-6.512	-5.665			
							MRU106+26T	82	0.28	9.20	2.88	2.70	-9.766	0.017	-7.066	-6.383			
								83	0.26	9.22	2.86	2.72	-9.552	-0.106	-6.852	-6.506			
			2.60	-6.50	6515	113	SU	--	2.74	11.79	5.34	5.29	-9.317	0.442	-6.587	-5.928			
							MRU106+26T	82	0.20	9.17	2.80	2.67	-9.662	0.108	-6.962	-6.292			
								83	0.26	9.28	2.86	2.78	-9.646	0.176	-6.946	-6.224			
40MHz	0.23	0	2.60	-6.50	6445	99	SU	--	5.59	14.65	8.19	8.15	-10.674	0.719	-7.844	-5.551			
							MRU106+26T	82	0.28	9.28	2.88	2.78	-10.699	0.526	-8.099	-5.974			
								84	0.27	9.20	2.87	2.70	-10.808	0.522	-8.208	-5.978			
			2.60	-6.50	6485	107	SU	--	5.56	14.59	8.16	8.09	-10.353	0.550	-7.523	-5.720			
							MRU106+26T	82	0.26	9.24	2.86	2.74	-10.731	0.242	-8.131	-6.258			
								84	0.23	9.19	2.83	2.69	-10.542	0.384	-7.942	-6.116			
								85	0.25	9.24	2.85	2.74	-10.629	0.235	-8.029	-6.265			
			3.00	-6.50	6525 (Straddle)	115	SU	--	5.28	14.80	8.28	8.30	-10.257	0.476	-7.027	-5.794			
							MRU106+26T	82	-0.15	9.17	2.85	2.67	-11.077	0.297	-8.077	-6.203			
								84	-0.15	9.10	2.85	2.60	-10.739	-2.320	-7.739	-8.820			
								85	-0.16	9.15	2.84	2.65	-10.768	-0.079	-7.768	-6.579			
			80MHz	0.41	0.09	2.60	-6.50	6465	103	SU	--	8.54	17.69	11.14	11.19	-8.499	0.536	-5.489	-5.554
										MRU106+26T	82	0.24	9.25	2.84	2.75	-8.358	0.523	-5.668	-5.887
											85	0.25	9.22	2.85	2.72	-8.754	0.421	-6.064	-5.989
89	0.22	9.27				2.82	2.77	-8.615	0.513	-5.925	-5.897								
160MHz	0.61	0	3.00	-6.50	6505 (Straddle)	111	SU	--	9.95	18.44	12.95	11.94	-9.684	-1.279	-6.074	-7.169			
							52T	37	-4.39	5.29	-1.39	-1.21	-9.064	0.542	-6.064	-5.958			
								52	-4.37	5.33	-1.37	-1.17	-9.086	0.390	-6.086	-6.110			
			552	-4.33	5.17	-1.33	-1.33	-8.846	0.508	-5.846	-5.992								

Note:

EIRP Output Power (dBm) = Measured Conducted Power (dBm)+ Peak Antenna Gain (dBi)

EIRP PSD (dBm/MHz) = Measured Conducted PSD (dBm/MHz) + Duty Factor (dB) + Peak Antenna Gain (dBi)

9.7.5 802.11be MIMO CDD MODE IN THE UNII-6 BAND – VERY LOW POWER

VLP CDD UNII-6 (MIMO)	Duty Factor (dB)		Un- Correlated Antenna Gain (dBi)	Correlated Antenna Gain (dBi)	Frequency (MHz)	Channel Number	Tone	RU Index	Conducted Power (Gated)		EIRP MIMO Power (Limit = 14dBm EIRP)	Conducted PSD (dBm/MHz)		EIRP MIMO PSD (Limit = -5 dBm/MHz EIRP)
	SU	Partial Rus							Ant 6	Ant 5		Ant 6	Ant 5	
20MHz	0.13	0.1	0.09	2.20	6435	97	SU	--	0.17	0.15	3.26	-12.509	-12.774	-7.299
							MRU106+26T	82	-2.44	-2.48	0.64	-12.959	-13.041	-7.690
								83	-2.49	-2.43	0.64	-12.965	-13.070	-7.707
			0.09	2.20	6475	105	SU	--	0.16	0.15	3.26	-12.074	-12.285	-6.838
							MRU106+26T	82	-2.45	-2.49	0.63	-12.660	-12.865	-7.451
								83	-2.45	-2.48	0.64	-12.797	-12.815	-7.496
			0.09	2.20	6515	113	SU	--	0.16	0.17	3.27	-12.381	-12.184	-6.941
							MRU106+26T	82	-2.58	-2.43	0.60	-12.628	-12.626	-7.317
								83	-2.56	-2.45	0.60	-12.726	-12.894	-7.499
40MHz	0.23	0	0.09	2.20	6445	99	SU	--	2.96	2.92	6.04	-13.271	-13.137	-7.763
							MRU106+26T	82	-2.43	-2.48	0.65	-13.906	-13.824	-8.655
								84	-2.47	-2.50	0.62	-13.734	-13.859	-8.586
			0.09	2.20	6485	107	SU	--	2.92	2.91	6.02	-12.971	-12.644	-7.364
							MRU106+26T	82	-2.43	-2.46	0.66	-13.675	-13.320	-8.284
								84	-2.43	-2.47	0.65	-13.428	-13.408	-8.208
							85	-2.42	-2.46	0.66	-13.706	-13.451	-8.366	
							0.45	2.50	6525 (Straddle)	115	SU	--	2.76	2.76
			MRU106+26T	82	-2.89	-2.88					0.58	-13.908	-13.899	-8.393
				84	-2.95	-2.92					0.53	-13.743	-13.485	-8.102
			85	-2.88	-2.90	0.57					-13.762	-13.650	-8.195	
			80MHz	0.41	0.09	0.09	2.20	6465	103	SU	--	5.97	5.95	9.06
MRU106+26T	82	-2.47								-2.47	0.63	-11.384	-10.940	-5.856
	85	-2.48								-2.44	0.64	-10.808	-11.142	-5.671
0.45	2.50	6505 (Straddle)				111	SU	--	7.44	7.42	10.89	-12.192	-12.494	-6.220
							52T	37	-6.86	-6.87	-3.40	-11.854	-11.716	-6.274
								52	-6.87	-6.85	-3.40	-12.116	-12.112	-6.604
160MHz	0.61	0					52	-6.82	-6.87	-3.38	-11.657	-11.897	-6.265	

Note:

EIRP MIMO Output Power (dBm) = Measured Conducted Power (dBm) (Ant 6 + Ant 5) + Un-Correlated Antenna Gain (dBi)

EIRP MIMO PSD (dBm/MHz) = Measured Conducted PSD (dBm/MHz) (Ant 6 + Ant 5) + Duty Factor (dB) + Correlated Antenna Gain (dBi)

9.7.6 802.11be MIMO SDM MODE IN THE UNII-6 BAND – VERY LOW POWER

VLP SDM UNII-6 (MIMO)	Duty Factor (dB)		Un- Correlated Antenna Gain (dBi)	Correlated Antenna Gain (dBi)	Frequency (MHz)	Channel Number	Tone	RU Index	Conducted Power (Gated)		EIRP MIMO Power (Limit = 14dBm EIRP)	Conducted PSD (dBm/MHz)		EIRP MIMO PSD (Limit = -5 dBm/MHz EIRP)
	SU	Partial Rus							Ant 6	Ant 5		Ant 6	Ant 5	
20MHz	0.13	0	0.09	2.20	6435	97	SU	--	2.25	2.28	5.37	-8.154	-8.357	-5.024
							MRU106+26T	82	-0.39	-0.31	2.75	-8.645	-9.331	-5.874
								83	-0.31	-0.42	2.74	-8.469	-9.320	-5.773
			0.09	2.20	6475	105	SU	--	2.21	2.25	5.33	-8.539	-8.814	-5.444
							MRU106+26T	82	-0.42	-0.33	2.73	-8.755	-9.288	-5.913
								83	-0.42	-0.40	2.69	-9.023	-9.367	-6.091
			0.09	2.20	6515	113	SU	--	2.26	2.29	5.38	-8.425	-8.594	-5.278
							MRU106+26T	82	-0.44	-0.32	2.72	-8.830	-9.030	-5.829
								83	-0.47	-0.31	2.71	-8.570	-9.435	-5.881
40MHz	0.23	0.1	0.09	2.20	6445	99	SU	--	5.04	5.02	8.13	-10.873	-10.928	-7.570
							MRU106+26T	82	-0.34	-0.38	2.74	-11.109	-11.059	-7.884
								84	-0.32	-0.41	2.74	-11.043	-10.913	-7.777
			0.09	2.20	6485	107	85	-0.34	-0.38	2.74	-11.239	-11.113	-7.975	
							SU	--	5.08	5.00	8.14	-10.935	-10.345	-7.300
							MRU106+26T	82	-0.36	-0.38	2.73	-11.059	-10.781	-7.717
								84	-0.37	-0.40	2.72	-11.010	-10.616	-7.608
			0.45	2.50	6525 (Straddle)	115	85	-0.42	-0.38	2.70	-11.098	-10.526	-7.602	
							SU	--	4.85	4.80	8.29	-10.771	-10.404	-6.893
							MRU106+26T	82	-0.75	-0.77	2.70	-11.543	-11.253	-7.835
								84	-0.82	-0.80	2.65	-10.893	-11.073	-7.422
							85	-0.84	-0.75	2.67	-11.433	-10.794	-7.541	
80MHz	0.41	0	0.09	2.20	6465	103	SU	--	8.05	8.08	11.17	-10.715	-10.255	-6.969
							MRU106+26T	82	-0.39	-0.35	2.73	-10.642	-10.795	-7.618
								85	-0.42	-0.38	2.70	-10.820	-10.855	-7.737
								89	-0.42	-0.37	2.71	-10.861	-10.718	-7.689
160MHz	0.6	0	0.45	2.50	6505 (Straddle)	111	SU	--	9.44	9.41	12.89	-12.975	-13.120	-8.987
							52T	37	-4.75	-4.79	-1.31	-11.756	-12.217	-8.520
								52	-4.77	-4.72	-1.28	-11.794	-11.583	-8.227
								S52	-4.71	-4.81	-1.30	-11.333	-12.414	-8.380

Note:

EIRP MIMO Output Power (dBm) = Measured Conducted Power (dBm) (Ant 6 + Ant 5) + Un-Correlated Antenna Gain (dBi)

EIRP MIMO PSD (dBm/MHz) = Measured Conducted PSD (dBm/MHz) (Ant 6 + Ant 5) + Duty Factor (dB) + Correlated Antenna Gain (dBi)

9.7.7 802.11be SISO MODE IN THE UNII-7 BAND – VERY LOW POWER

VLP UNII-7 (SISO)	Duty Factor (dB)		Ant 6 Gain (dBi)	Ant 5 Gain (dBi)	Frequency (MHz)	Channel Number	Tone	RU Index	Conducted Power (Gated) (dBm)		EIRP Power (Limit = 14dBm EIRP)		Conducted PSD (dBm/MHz)		EIRP PSD (Limit = -5 dBm/MHz EIRP)	
	SU	Partial RU							Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5
20MHz	0.13	0.1	3.00	-7.00	6535	117	SU	--	2.13	12.24	5.13	5.24	-9.427	0.605	-6.297	-6.265
							MRU106+26T	82	-0.45	9.67	2.55	2.67	-9.960	-3.121	-6.860	-10.021
							MRU106+26T	83	-0.46	9.64	2.54	2.64	-10.071	-2.685	-6.971	-9.585
					6715	153	SU	--	2.18	12.22	5.18	5.22	-9.681	0.830	-6.551	-6.040
							MRU106+26T	82	-0.34	9.60	2.66	2.60	-9.843	-3.039	-6.743	-9.939
							MRU106+26T	83	-0.37	9.63	2.63	2.63	-10.282	-2.825	-7.182	-9.725
			3.00	-7.00	6875 (Straddle)	185	SU	--	2.24	12.26	5.24	5.26	-8.273	-0.286	-5.143	-7.156
							MRU106+26T	82	-0.18	9.87	2.82	2.87	-8.675	-1.028	-5.575	-7.928
							MRU106+26T	83	-0.16	9.81	2.84	2.81	-8.514	-0.658	-5.414	-7.558
40MHz	0.23	0	3.00	-7.00	6565	123	SU	--	5.09	15.14	8.09	8.14	-9.384	-2.245	-6.154	-9.015
							MRU106+26T	82	-0.36	9.53	2.64	2.53	-9.531	-2.801	-6.531	-9.801
							MRU106+26T	84	-0.39	9.61	2.61	2.61	-9.632	-2.434	-6.632	-9.434
					6685	147	MRU106+26T	85	-0.36	9.59	2.64	2.59	-9.654	-2.510	-6.654	-9.510
							SU	--	5.14	15.04	8.14	8.04	-9.159	-2.142	-5.929	-8.912
							MRU106+26T	82	-0.41	9.65	2.59	2.65	-9.363	-2.889	-6.363	-9.889
							MRU106+26T	84	-0.42	9.66	2.58	2.66	-9.488	-3.227	-6.488	-10.227
							MRU106+26T	85	-0.36	9.58	2.64	2.58	-9.588	-3.256	-6.588	-10.256
					6845	179	SU	--	5.18	15.12	8.18	8.12	-9.216	-2.255	-5.986	-9.025
							MRU106+26T	82	-0.38	9.59	2.62	2.59	-9.286	-2.400	-6.286	-9.400
							MRU106+26T	84	-0.32	9.60	2.68	2.60	-9.541	-2.720	-6.541	-9.720
							MRU106+26T	85	-0.35	9.52	2.65	2.52	-9.367	-2.657	-6.367	-9.657
			3.00	-6.50	6545 (Straddle)	119	SU	--	8.25	17.68	11.25	11.18	-8.572	0.831	-5.162	-5.259
							MRU106+26	82	-0.35	9.17	2.65	2.67	-9.247	0.236	-6.157	-6.174
							MRU106+26	85	-0.39	9.10	2.61	2.60	-8.912	0.315	-5.822	-6.095
							MRU106+26	89	-0.22	9.18	2.78	2.68	-8.923	0.398	-5.833	-6.012
					6705	151	SU	--	8.14	18.09	11.14	11.09	-9.112	1.248	-5.702	-5.342
							MRU106+26T	82	-0.32	9.61	2.68	2.61	-9.182	0.553	-6.092	-6.357
							MRU106+26T	85	-0.27	9.66	2.73	2.66	-9.310	0.436	-6.220	-6.474
							MRU106+26T	89	-0.29	9.78	2.71	2.78	-9.375	0.483	-6.285	-6.427
					6865 (Straddle)	183	SU	--	8.22	18.18	11.22	11.18	-8.517	0.902	-5.107	-5.688
							MRU106+26	82	-0.39	9.73	2.61	2.73	-8.172	-1.339	-5.082	-8.249
							MRU106+26	85	-0.44	9.68	2.56	2.68	-8.176	-1.293	-5.086	-8.203
160MHz	0.61	0	3.00	-7.00	6665	143	SU	--	9.95	18.44	12.95	11.44	-10.308	-1.233	-6.698	-7.623
							52T	37	-4.45	5.70	-1.45	-1.30	-10.453	0.332	-7.453	-6.668
							52T	52	-4.48	5.76	-1.48	-1.24	-10.384	0.661	-7.384	-6.339
							52T	S52	-4.47	5.69	-1.47	-1.31	-10.246	0.502	-7.246	-6.498
					6825 (Straddle)	175	SU	--	9.97	18.09	12.97	11.09	-10.485	-1.782	-6.875	-8.172
							52T	37	-4.25	5.64	-1.25	-1.36	-9.600	0.243	-6.600	-6.757
							52T	52	-4.23	5.58	-1.23	-1.42	-9.481	0.078	-6.481	-6.922
							52T	S52	-4.38	5.57	-1.38	-1.43	-9.687	-1.643	-6.687	-8.643

Note:

EIRP Output Power (dBm) = Measured Conducted Power (dBm)+ Peak Antenna Gain (dBi)

EIRP PSD (dBm/MHz) = Measured Conducted PSD (dBm/MHz) + Duty Factor (dB) + Peak Antenna Gain (dBi)

9.7.8 802.11be MIMO CDD MODE IN THE UNII-7 BAND – VERY LOW POWER

VLP CDD UNII-7 (MIMO)	Duty Factor (dB)		Un- Correlated Antenna Gain (dBi)	Correlated Antenna Gain (dBi)	Frequency (MHz)	Channel Number	Tone	RU Index	Conducted Power (Gated)		EIRP MIMO Power (Limit = 14dBm EIRP)	Conducted PSD (dBm/MHz)		EIRP MIMO PSD (Limit = -5 dBm/MHz EIRP)						
	SU	Partial Rus							Ant 6	Ant 5		Ant 6	Ant 5							
20MHz	0.13	0.1	0.40	2.38	6535	117	SU	--	-0.27	-0.23	3.16	-13.482	-14.460	-8.423						
							MRU106+26T	82	-2.75	-2.74	0.67	-13.637	-14.653	-8.625						
								83	-2.77	-2.79	0.63	-13.419	-14.580	-8.471						
					6715	153	SU	--	-0.30	-0.31	3.11	-13.751	-14.098	-8.401						
							MRU106+26T	82	-2.76	-2.76	0.65	-13.911	-14.471	-8.692						
								83	-2.75	-2.75	0.66	-13.677	-14.305	-8.489						
	0.13	0.1	0.40	2.38	6875 (Straddle)	185	SU	--	-0.12	-0.16	3.27	-13.676	-13.885	-8.259						
							MRU106+26T	82	-2.59	-2.56	0.84	-13.157	-14.146	-8.133						
								83	-2.55	-2.56	0.86	-13.525	-14.324	-8.416						
40MHz	0.23	0	0.40	2.38	6565	123	SU	--	2.71	2.78	6.16	-11.808	-12.536	-6.536						
							MRU106+26T	82	-2.73	-2.76	0.67	-12.022	-13.045	-7.113						
								84	-2.76	-2.76	0.65	-12.111	-13.046	-7.163						
								85	-2.75	-2.74	0.67	-12.178	-13.019	-7.188						
					6685	147	SU	--	2.75	2.72	6.15	-11.416	-12.460	-6.286						
							MRU106+26T	82	-2.72	-2.77	0.67	-11.858	-12.842	-6.932						
								84	-2.76	-2.76	0.65	-11.832	-12.964	-6.971						
								85	-2.74	-2.77	0.66	-12.056	-12.872	-7.055						
					6845	179	SU	--	2.72	2.74	6.14	-11.554	-12.262	-6.273						
							MRU106+26T	82	-2.80	-2.74	0.64	-11.692	-12.843	-6.839						
								84	-2.79	-2.77	0.63	-11.573	-12.547	-6.642						
								85	-2.71	-2.77	0.67	-11.604	-12.574	-6.672						
80MHz	0.41	0.09	0.45	2.50	6545 (Straddle)	119	SU	--	5.75	5.75	9.21	-11.033	-11.438	-5.310						
							MRU106+26T	82	-2.89	-2.88	0.58	-11.349	-11.939	-6.034						
								85	-2.85	-2.89	0.59	-11.060	-11.862	-5.842						
								89	-2.89	-2.82	0.61	-11.446	-12.011	-6.119						
							0.41	0.09	0.40	2.38	6705	151	SU	--	5.74	5.77	9.17	-11.410	-11.614	-5.711
													MRU106+26T	82	-2.64	-2.76	0.71	-11.390	-11.591	-6.009
	85	-2.68	-2.64	0.75	-11.396	-11.451								-5.943						
	89	-2.63	-2.62	0.79	-11.395	-11.791								-6.108						
	0.41	0.09	0.40	2.38	6865 (Straddle)	183							SU	--	5.86	5.87	9.28	-11.134	-11.855	-5.679
													MRU106+26T	82	-2.77	-2.72	0.67	-11.526	-12.290	-6.411
							85	-2.78	-2.79	0.63	-11.869	-12.104		-6.505						
							89	-2.73	-2.76	0.67	-11.553	-11.879		-6.233						
160MHz							0.61	0	0.40	2.38	6665	143	SU	--	7.53	7.55	10.95	-12.495	-12.858	-6.672
													52T	37	-6.76	-6.78	-3.36	-12.271	-12.217	-6.854
	52	-6.76	-6.75	-3.34	-12.226	-12.350								-6.897						
	S52	-6.73	-6.73	-3.32	-12.222	-11.952								-6.695						
	0.61	0	0.40	2.38	6825 (Straddle)	175							SU	--	7.57	7.57	10.98	-12.844	-12.884	-6.864
													52T	37	-6.57	-6.53	-3.14	-12.126	-11.947	-6.645
							52	-6.59	-6.62	-3.19	-11.958	-12.142		-6.659						
	S52	-6.61	-6.54	-3.16	-11.988	-11.879	-6.543													

Note:

EIRP MIMO Output Power (dBm) = Measured Conducted Power (dBm) (Ant 6 + Ant 5) + Un-Correlated Antenna Gain (dBi)

EIRP MIMO PSD (dBm/MHz) = Measured Conducted PSD (dBm/MHz) (Ant 6 + Ant 5) + Duty Factor (dB) + Correlated Antenna Gain (dBi)

9.7.9 802.11be MIMO SDM MODE IN THE UNII-7 BAND – VERY LOW POWER

VLP SDM UNII-7 (MIMO)	Duty Factor (dB)		Un-Correlated Antenna Gain (dBi)	Correlated Antenna Gain (dBi)	Frequency (MHz)	Channel Number	Tone	RU Index	Conducted Power (Gated)		EIRP MIMO Power (Limit = 14dBm EIRP)	Conducted PSD (dBm/MHz)		EIRP MIMO PSD (Limit = -5 dBm/MHz EIRP)
	SU	Partial Rus							Ant 6	Ant 5		Ant 6	Ant 5	
20MHz	0.13	0	0.40	2.38	6535	117	SU	--	1.76	1.77	5.18	-11.434	-10.907	-7.622
							MRU106+26T	82	-0.78	-0.78	2.63	-10.491	-10.585	-7.127
								83	-0.80	-0.73	2.65	-10.621	-10.697	-7.249
					6855	179	SU	--	1.75	1.75	5.16	-10.910	-11.473	-7.642
							MRU106+26T	82	-0.72	-0.77	2.67	-10.584	-10.131	-6.941
								83	-0.81	-0.79	2.61	-10.516	-10.311	-7.002
	0.13	0	0.40	2.38	6875 (Straddle)	185	SU	--	1.85	1.85	5.26	-10.034	-9.734	-6.341
							MRU106+26T	82	-0.55	-0.53	2.87	-9.911	-9.789	-6.439
								83	-0.54	-0.55	2.87	-10.159	-9.669	-6.497
40MHz	0.23	0.1	0.40	2.38	6565	123	SU	--	4.77	4.74	8.17	-10.671	-10.904	-7.146
							MRU106+26T	82	-0.77	-0.87	2.59	-11.237	-11.192	-7.704
								84	-0.77	-0.75	2.65	-11.465	-10.835	-7.628
								85	-0.73	-0.83	2.63	-10.925	-11.206	-7.553
							SU	--	4.75	4.78	8.18	-10.637	-10.996	-7.172
					6685	147	MRU106+26T	82	-0.77	-0.73	2.66	-11.129	-11.861	-7.969
								84	-0.76	-0.75	2.66	-10.949	-11.388	-7.653
								85	-0.78	-0.72	2.66	-11.279	-11.797	-8.020
							SU	--	4.78	4.74	8.17	-11.252	-11.044	-7.506
					6845	179	MRU106+26T	82	-0.76	-0.76	2.65	-11.297	-11.915	-8.085
								84	-0.79	-0.76	2.64	-11.298	-11.307	-7.792
								85	-0.76	-0.75	2.66	-11.456	-11.872	-8.149
					6545 (Straddle)	119	SU	--	7.83	7.85	11.30	-8.946	-8.864	-5.035
							MRU106+26	82	-0.75	-0.73	2.72	-9.998	-9.905	-6.491
								84	-0.79	-0.77	2.68	-9.679	-9.173	-5.958
								85	-0.78	-0.77	2.69	-9.641	-9.831	-6.275
							SU	--	7.78	7.78	11.19	-9.226	-9.101	-5.343
80MHz	0.41	0	0.40	2.38	6705	151	MRU106+26T	82	-0.65	-0.67	2.75	-9.654	-9.881	-6.356
								85	-0.67	-0.67	2.74	-9.490	-9.917	-6.288
								89	-0.63	-0.69	2.75	-9.856	-9.829	-6.432
							SU	--	7.75	7.78	11.18	-9.164	-8.953	-5.237
							MRU106+26	82	-0.77	-0.76	2.65	-9.844	-9.935	-6.479
	0.41	0	0.40	2.38	6865 (Straddle)	183		85	-0.73	-0.79	2.65	-9.726	-9.994	-6.448
								89	-0.74	-0.75	2.67	-9.829	-9.892	-6.450
							SU	--	9.45	9.45	12.86	-9.415	-9.398	-5.396
							52T	37	-4.77	-4.75	-1.35	-9.986	-10.032	-6.599
160MHz	0.6	0	0.40	2.38	6665	143		52	-4.73	-4.71	-1.31	-9.983	-10.074	-6.618
								S52	-4.76	-4.77	-1.35	-10.560	-10.305	-7.020
							SU	--	9.42	9.46	12.85	-9.435	-9.678	-5.545
	0.6	0	0.40	2.38	6825 (Straddle)	175	52T	37	-4.65	-4.67	-1.25	-9.791	-9.890	-6.430
								52	-4.67	-4.68	-1.26	-9.552	-9.883	-6.304
								S52	-4.62	-4.62	-1.21	-9.658	-9.524	-6.180

Note:

EIRP MIMO Output Power (dBm) = Measured Conducted Power (dBm) (Ant 6 + Ant 5) + Un-Correlated Antenna Gain (dBi)

EIRP MIMO PSD (dBm/MHz) = Measured Conducted PSD (dBm/MHz) (Ant 6 + Ant 5) + Duty Factor (dB) + Un-Correlated Antenna Gain (dBi)

9.7.10 802.11a SISO MODE IN THE UNII-8 BAND – LOW POWER

VLP UNII-8 (SISO)	Duty Factor (dB)	Ant 6 Gain (dBi)	Ant 5 Gain (dBi)	Frequency (MHz)	Channel Number	Tone	RU Index	Conducted Power (Gated) (dBm)		EIRP Power (Limit = 14dBm EIRP)		Conducted PSD (dBm/MHz)		EIRP PSD (Limit = -5 dBm/MHz EIRP)	
								Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5
20MHz	0	2.60	-8.20	7115	233	--	--	-3.51	-3.56	-3.56	-3.64	-13.435	-13.974	-10.835	-22.174

Note:

EIRP Output Power (dBm) = Measured Conducted Power (dBm)+ Peak Antenna Gain (dBi)

EIRP PSD (dBm/MHz) = Measured Conducted PSD (dBm/MHz) + Duty Factor (dB) + Peak Antenna Gain (dBi)

9.7.11 802.11be SISO MODE IN THE UNII-8 BAND – VERY LOW POWER

VLP UNII-8 (SISO)	Duty Factor (dB)		Ant 6 Gain (dBi)	Ant 5 Gain (dBi)	Frequency (MHz)	Channel Number	Tone	RU Index	Conducted Power (Gated) (dBm)		EIRP Power (Limit = 14dBm EIRP)		Conducted PSD (dBm/MHz)		EIRP PSD (Limit = -5 dBm/MHz EIRP)	
	SU	Partial RU							Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5
20MHz	0.13	0.1	2.60	-8.20	6895	189	SU	--	2.54	13.45	5.14	5.25	-10.083	1.074	-7.353	-6.996
							MRU106+26T	82	0.22	10.75	2.82	2.55	-10.203	0.411	-7.503	-7.689
								83	0.27	10.89	2.87	2.69	-10.472	0.545	-7.772	-7.555
					6995	209	SU	--	2.55	13.39	5.15	5.19	-10.041	1.046	-7.311	-7.024
							MRU106+26T	82	0.29	10.82	2.89	2.62	-10.016	0.328	-7.316	-7.772
								83	0.24	10.91	2.84	2.71	-10.123	0.328	-7.423	-7.772
			7095	229	SU	--	2.77	13.65	5.37	5.45	-9.200	2.122	-6.470	-5.948		
					MRU106+26T	82	0.33	10.85	2.93	2.65	-9.458	2.767	-6.758	-5.333		
						83	0.31	10.75	2.91	2.55	-9.250	2.252	-6.550	-5.848		
40MHz	0.23	0	3.00	-7.00	6885 (Straddle)	187	SU	--	5.26	15.18	8.26	8.18	-10.498	-0.373	-7.268	-7.143
							MRU106+26T	82	-0.14	9.81	2.86	2.81	-11.817	-0.530	-8.817	-7.530
								84	-0.13	9.85	2.87	2.85	-10.656	-0.361	-7.656	-7.361
								85	-0.16	9.82	2.84	2.82	-11.142	-0.644	-8.142	-7.644
					6965	203	SU	--	5.44	16.38	8.44	9.38	-10.474	0.725	-7.244	-7.245
							MRU106+26T	82	0.11	10.81	3.11	3.81	-11.183	0.187	-8.583	-6.813
			84	0.18				10.91	3.18	3.91	-11.345	0.458	-8.345	-7.742		
			85	0.14				10.97	3.14	3.97	-11.645	0.236	-9.045	-7.964		
			7085	227	SU	--	5.73	16.35	8.73	9.35	-10.332	0.921	-7.502	-7.049		
					MRU106+26T	82	0.22	11.05	3.22	4.05	-11.436	0.723	-8.836	-7.477		
						84	0.29	11.04	3.29	4.04	-11.105	0.647	-8.505	-7.553		
						85	0.21	11.09	3.21	4.09	-11.982	0.607	-9.382	-7.593		
80MHz	0.41	0.09	2.60	-8.20	6945	199	SU	--	8.65	18.95	11.25	10.75	-10.504	1.636	-7.494	-6.154
							MRU106+26T	82	0.25	10.94	2.85	2.74	-10.602	2.425	-7.912	-5.685
								85	0.24	10.91	2.84	2.71	-11.338	2.889	-8.648	-5.221
								89	0.26	10.76	2.86	2.56	-11.905	2.324	-9.215	-5.786
					7025	215	SU	--	8.77	18.82	11.37	10.62	-10.857	-2.599	-7.847	-10.389
							MRU106+26T	82	0.24	10.87	2.84	2.67	-10.876	2.242	-8.186	-5.868
								85	0.24	10.77	2.84	2.57	-11.518	2.824	-8.828	-5.286
								89	0.28	10.97	2.88	2.77	-11.546	2.893	-8.856	-5.217
160MHz	0.61	0	2.60	-8.20	6985	207	SU	--	10.30	18.13	12.90	9.93	-11.593	-0.206	-8.383	-7.796
							52T	37	-4.11	6.84	-1.51	-1.36	-12.140	3.185	-9.540	-5.015
								52	-4.08	6.76	-1.48	-1.44	-12.026	2.400	-9.426	-5.800
								S52	-4.05	6.88	-1.45	-1.32	-12.555	3.131	-9.955	-5.069

Note:

EIRP Output Power (dBm) = Measured Conducted Power (dBm)+ Peak Antenna Gain (dBi)

EIRP PSD (dBm/MHz) = Measured Conducted PSD (dBm/MHz) + Duty Factor (dB) + Peak Antenna Gain (dBi)

9.7.12 802.11a MIMO MODE IN THE UNII-8 BAND – LOW POWER

VLP CDD UNII-8 (MIMO)	Duty Factor (dB)	Un- Correlated Antenna Gain (dBi)	Correlated Antenna Gain (dBi)	Frequency (MHz)	Channel Number	Tone	RU Index	Conducted Power (Gated)		EIRP MIMO Power (Limit = 14dBm EIRP)	Conducted PSD (dBm/MHz)		EIRP MIMO PSD (Limit = -5 dBm/MHz EIRP)
								Ant 6	Ant 5		Ant 6	Ant 5	
20MHz	0	-0.06	1.79	7115	233	--	--	-4.58	-4.51	-1.59	-14.620	-14.210	-9.610

Note:

EIRP Output Power (dBm) = Measured Conducted Power (dBm)+ Peak Antenna Gain (dBi)

EIRP PSD (dBm/MHz) = Measured Conducted PSD (dBm/MHz) + Duty Factor (dB) + Peak Antenna Gain (dBi)

9.7.13 802.11be MIMO CDD MODE IN THE UNII-8 BAND – VERY LOW POWER

VLP CDD UNII-8 (MIMO)	Duty Factor (dB)		Un- Correlated Antenna Gain (dBi)	Correlated Antenna Gain (dBi)	Frequency (MHz)	Channel Number	Tone	RU Index	Conducted Power (Gated)		EIRP MIMO Power (Limit = 14dBm EIRP)	Conducted PSD (dBm/MHz)		EIRP MIMO PSD (Limit = -5 dBm/MHz EIRP)					
	SU	Partial Rus							Ant 6	Ant 5		Ant 6	Ant 5						
20MHz	0.13	0.1	-0.06	1.79	6895	189	SU	--	0.38	0.36	3.32	-10.315	-11.593	-5.977					
							MRU106+26T	82	-2.09	-2.27	0.77	-12.890	-14.684	-8.795					
								83	-2.13	-2.14	0.82	-12.624	-14.791	-8.673					
					6995	209	SU	--	0.39	0.30	3.30	-11.262	-11.227	-6.314					
							MRU106+26T	82	-2.08	-2.07	0.88	-11.093	-11.058	-6.175					
								83	-2.17	-2.13	0.80	-11.629	-10.990	-6.397					
					7095	229	SU	--	0.54	0.58	3.51	-11.501	-10.668	-6.134					
							MRU106+26T	82	-1.91	-1.95	1.02	-11.501	-10.917	-6.299					
								83	-1.99	-2.10	0.91	-11.444	-10.565	-6.082					
40MHz	0.23	0	0.40	2.38	6885 (Straddle)	187	SU	--	2.81	2.84	6.24	-16.833	-18.732	-12.059					
							MRU106+26T	82	-2.56	-2.51	0.88	-13.944	-15.607	-9.306					
								84	-2.55	-2.53	0.87	-13.043	-14.629	-8.374					
								85	-2.58	-2.55	0.85	-13.551	-15.304	-8.949					
					6965	203	SU	--	3.24	3.22	6.18	-16.658	-17.292	-11.933					
							MRU106+26T	82	-2.03	-2.08	1.36	-13.324	-13.914	-8.809					
								84	-2.05	-2.07	0.89	-13.140	-13.957	-8.729					
								85	-2.11	-2.09	0.85	-13.831	-14.716	-9.451					
			7085	227	SU	--	3.35	3.33	6.29	-16.719	-16.990	-11.822							
					MRU106+26T	82	-1.93	-1.99	0.99	-14.068	-13.999	-9.233							
						84	-1.95	-1.93	1.01	-13.882	-13.086	-8.665							
						85	-2.00	-1.93	0.99	-14.503	-14.251	-9.575							
					80MHz	0.41	0.09	-0.06	1.79	6945	199	SU	--	6.48	6.44	9.41	-15.674	-16.450	-10.834
												MRU106+26T	82	-1.93	-1.96	1.01	-13.597	-14.179	-8.988
													85	-1.96	-2.01	0.97	-12.984	-13.913	-8.533
													89	-1.98	-2.00	0.96	-13.595	-13.998	-8.902
7025	215	SU	--	6.38						6.32	9.30	-16.449	-16.430	-11.229					
		MRU106+26T	82	-2.11						-2.06	0.87	-13.514	-14.074	-8.895					
			85	-2.06						-2.04	0.90	-13.922	-14.317	-9.225					
			89	-2.07						-2.08	0.88	-17.973	-18.052	-13.122					
160MHz	0.61	0	-0.06	1.79	6985	207	SU	--	8.02	8.12	11.02	-16.598	-17.268	-11.510					
							52T	37	-6.26	-6.28	-3.32	-14.460	-15.323	-10.070					
								52	-6.22	-6.24	-3.28	-14.090	-15.430	-9.908					
								S52	-6.31	-6.27	-3.34	-14.661	-14.661	-9.861					

Note:

EIRP MIMO Output Power (dBm) = Measured Conducted Power (dBm) (Ant 6 + Ant 5) + Un-Correlated Antenna Gain (dBi)

EIRP MIMO PSD (dBm/MHz) = Measured Conducted PSD (dBm/MHz) (Ant 6 + Ant 5) + Duty Factor (dB) + Correlated Antenna Gain (dBi)

9.7.14 802.11be MIMO SDM MODE IN THE UNII-8 BAND – VERY LOW POWER

VLP SDM UNII-8 (MIMO)	Duty Factor (dB)		Un- Correlated Antenna Gain (dBi)	Correlated Antenna Gain (dBi)	Frequency (MHz)	Channel Number	Tone	RU Index	Conducted Power (Gated)		EIRP MIMO Power (Limit = 14dBm EIRP)	Conducted PSD (dBm/MHz)		EIRP MIMO PSD (Limit = -5 dBm/MHz EIRP)
	SU	Partial Rus							Ant 6	Ant 5		Ant 6	Ant 5	
20MHz	0.13	0	-0.06	1.79	6895	189	SU	--	2.27	2.24	5.21	-8.438	-8.455	-5.366
							MRU106+26T	82	-0.16	-0.12	2.81	-9.310	-9.015	-6.210
							MRU106+26T	83	-0.15	-0.20	2.78	-9.095	-9.046	-6.120
					6995	209	SU	--	2.21	2.29	5.20	-8.744	-8.756	-5.670
							MRU106+26T	82	-0.16	-0.17	2.79	-9.340	-9.264	-6.352
							MRU106+26T	83	-0.14	-0.11	2.83	-9.268	-9.201	-6.284
					7095	229	SU	--	2.45	2.43	5.39	-8.681	-8.729	-5.625
							MRU106+26T	82	-0.05	-0.11	2.87	-9.126	-9.232	-6.228
							MRU106+26T	83	-0.05	-0.09	2.88	-9.123	-9.028	-6.125
40MHz	0.23	0.1	0.40	2.38	6885 (Straddle)	187	SU	--	4.77	4.43	8.01	-11.518	-11.190	-7.711
							MRU106+26T	82	-0.52	-0.61	2.85	-11.491	-11.285	-7.876
							MRU106+26T	84	-0.56	-0.58	2.84	-11.546	-11.110	-7.812
							MRU106+26T	85	-0.51	-0.51	2.90	-11.606	-11.223	-7.900
			-0.06	1.79	6965	203	SU	--	5.04	5.08	8.01	-11.335	-11.233	-8.103
							MRU106+26T	82	-0.28	-0.22	2.70	-11.208	-11.080	-8.093
							MRU106+26T	84	-0.22	-0.28	2.70	-11.439	-11.095	-8.213
							MRU106+26T	85	-0.25	-0.30	2.68	-11.511	-11.517	-8.464
					7085	227	SU	--	5.26	5.27	8.22	-11.344	-11.324	-8.154
							MRU106+26T	82	-0.03	-0.11	2.88	-11.395	-11.113	-8.201
							MRU106+26T	84	-0.06	-0.08	2.88	-11.028	-10.889	-7.908
							MRU106+26T	85	-0.10	-0.05	2.88	-11.255	-11.312	-8.233
80MHz	0.41	0	-0.06	1.79	6945	199	SU	--	8.25	8.29	11.22	-9.144	-8.838	-5.628
							MRU106+26T	82	-0.17	-0.20	2.77	-9.791	-9.876	-6.883
							MRU106+26T	85	-0.14	-0.25	2.76	-9.886	-10.706	-7.326
							MRU106+26T	89	-0.15	-0.23	2.76	-9.976	-10.529	-7.293
					7025	215	SU	--	8.23	8.26	11.20	-9.360	-9.238	-5.938
							MRU106+26T	82	-0.14	-0.14	2.81	-10.100	-10.650	-7.416
							MRU106+26T	85	-0.13	-0.24	2.77	-10.249	-10.606	-7.474
							MRU106+26T	89	-0.16	-0.27	2.74	-9.825	-10.364	-7.136
160MHz	0.6	0	-0.06	1.79	6985	207	SU	--	9.94	9.95	12.90	-10.440	-10.417	-6.878
							52T	37	-4.41	-4.39	-1.45	-10.737	-10.935	-7.885
							52T	52	-4.35	-4.35	-1.40	-11.278	-11.266	-8.322
							52T	S52	-4.36	-4.41	-1.43	-10.838	-10.915	-7.926

Note:

EIRP MIMO Output Power (dBm) = Measured Conducted Power (dBm) (Ant 6 + Ant 5) + Un-Correlated Antenna Gain (dBi)

EIRP MIMO PSD (dBm/MHz) = Measured Conducted PSD (dBm/MHz) (Ant 6 + Ant 5) + Duty Factor (dB) + Un-Correlated Antenna Gain (dBi)