

Appendix A. Test Data

SISO

Duty cycle						
Mode	Frequency (MHz)	on time (ms)	on+off time (ms)	Duty cycle (%)	Duty Factor (dB)	1/T Minimum VBW (kHz)
802.11a	5180	2.000	2.040	98.039	0.086	0.010
802.11n HT20	5180	5.480	6.840	80.117	0.963	0.182
802.11n HT40	5190	5.480	6.840	80.117	0.963	0.182
802.11ac VHT20	5180	5.480	6.840	80.117	0.963	0.182
802.11ac VHT40	5190	5.480	6.810	80.470	0.944	0.182
802.11ac VHT80	5210	5.480	6.930	79.076	1.020	0.182
802.11ax HE20	5180	5.510	6.840	80.556	0.939	0.181
802.11ax HE40	5190	5.510	6.960	79.167	1.015	0.181
802.11ax HE80	5210	5.510	6.840	80.556	0.939	0.181

RF power setting in Test SW							
Mode	CH	Frequency (MHz)	Ant-0	Ant-1	Ant-2	Ant-3	Test SW Version
802.11a	36	5180	39	-	-	-	Tera Term v4.06
	40	5200	39	-	-	-	
	48	5240	50	-	-	-	
	149	5745	54	-	-	-	
	157	5785	54	-	-	-	
	165	5825	54	-	-	-	
802.11n HT20	36	5180	41	-	-	-	Tera Term v4.06
	40	5200	41	-	-	-	
	48	5240	51	-	-	-	
	149	5745	54	-	-	-	
	157	5785	54	-	-	-	
	165	5825	54	-	-	-	
802.11n HT40	38	5190	34	-	-	-	Tera Term v4.06
	46	5230	44	-	-	-	
	151	5755	53	-	-	-	
	159	5795	54	-	-	-	
802.11ac VHT20	36	5180	41	-	-	-	Tera Term v4.06
	40	5200	41	-	-	-	
	48	5240	51	-	-	-	
	149	5745	54	-	-	-	
	157	5785	54	-	-	-	
	165	5825	54	-	-	-	
802.11ac VHT40	38	5190	34	-	-	-	Tera Term v4.06
	46	5230	44	-	-	-	
	151	5755	53	-	-	-	
	159	5795	54	-	-	-	
802.11ac VHT80	42	5210	30	-	-	-	Tera Term v4.06
	155	5775	46	-	-	-	
802.11ax HE20	36	5180	38	-	-	-	Tera Term v4.06
	40	5200	38	-	-	-	
	48	5240	51	-	-	-	
	149	5745	54	-	-	-	
	157	5785	54	-	-	-	
	165	5825	54	-	-	-	
802.11ax HE40	38	5190	33	-	-	-	Tera Term v4.06
	46	5230	44	-	-	-	
	151	5755	52	-	-	-	
	159	5795	54	-	-	-	
802.11ax HE80	42	5210	28	-	-	-	Tera Term v4.06
	155	5775	45	-	-	-	

Maximum Conducted Output Power Measurement							
Mode	CH	Frequency (MHz)	Average power				Limit
			Ant-0	Ant-1	Ant-2	Ant-3	
			dBm	dBm	dBm	dBm	dBm
802.11a	36	5180	18.88	-	-	-	29.00
	40	5200	18.86	-	-	-	29.00
	48	5240	24.40	-	-	-	29.00
	149	5745	26.05	-	-	-	30.00
	157	5785	26.16	-	-	-	30.00
	165	5825	26.18	-	-	-	30.00
802.11n HT20	36	5180	20.03	-	-	-	29.00
	40	5200	20.04	-	-	-	29.00
	48	5240	24.92	-	-	-	29.00
	149	5745	25.89	-	-	-	30.00
	157	5785	26.24	-	-	-	30.00
	165	5825	26.18	-	-	-	30.00
802.11n HT40	38	5190	16.90	-	-	-	29.00
	46	5230	22.18	-	-	-	29.00
	151	5755	26.09	-	-	-	30.00
	159	5795	26.90	-	-	-	30.00
802.11ac VHT20	36	5180	19.93	-	-	-	29.00
	40	5200	19.91	-	-	-	29.00
	48	5240	24.81	-	-	-	29.00
	149	5745	25.80	-	-	-	30.00
	157	5785	26.18	-	-	-	30.00
	165	5825	26.05	-	-	-	30.00
802.11ac VHT40	38	5190	16.77	-	-	-	29.00
	46	5230	22.04	-	-	-	29.00
	151	5755	25.97	-	-	-	30.00
	159	5795	26.65	-	-	-	30.00
802.11ac VHT80	42	5210	14.63	-	-	-	29.00
	155	5775	22.69	-	-	-	30.00
802.11ax HE20	36	5180	18.66	-	-	-	29.00
	40	5200	18.78	-	-	-	29.00
	48	5240	25.03	-	-	-	29.00
	149	5745	26.01	-	-	-	30.00
	157	5785	26.36	-	-	-	30.00
	165	5825	26.33	-	-	-	30.00
802.11ax HE40	38	5190	16.48	-	-	-	29.00
	46	5230	22.36	-	-	-	29.00
	151	5755	25.78	-	-	-	30.00
	159	5795	26.99	-	-	-	30.00
802.11ax HE80	42	5210	14.30	-	-	-	29.00
	155	5775	22.48	-	-	-	30.00

30° elevation Power Measurement											
Mode	CH	Frequency (MHz)	Average power					Limit	E.I.R.P		EIRP Power Limit
			Ant-0	Ant-1	Ant-2	Ant-3	Total		Gain	Calculated Results	
			dBm	dBm	dBm	dBm	dBm		dB	dBm	
802.11a	36	5180	18.88	-	-	-	-	N/A	-7.30	11.58	21.00
	40	5200	18.86	-	-	-	-	N/A	-7.30	11.56	21.00
	48	5240	24.40	-	-	-	-	N/A	-7.30	17.10	21.00
802.11n HT20	36	5180	20.03	-	-	-	-	N/A	-7.30	12.73	21.00
	40	5200	20.04	-	-	-	-	N/A	-7.30	12.74	21.00
	48	5240	24.92	-	-	-	-	N/A	-7.30	17.62	21.00
802.11n HT40	38	5190	16.90	-	-	-	-	N/A	-7.30	9.60	21.00
	46	5230	22.18	-	-	-	-	N/A	-7.30	14.88	21.00
802.11ac VHT20	36	5180	19.93	-	-	-	-	N/A	-7.30	12.63	21.00
	40	5200	19.91	-	-	-	-	N/A	-7.30	12.61	21.00
	48	5240	24.81	-	-	-	-	N/A	-7.30	17.51	21.00
802.11ac VHT40	38	5190	16.77	-	-	-	-	N/A	-7.30	9.47	21.00
	46	5230	22.04	-	-	-	-	N/A	-7.30	14.74	21.00
802.11ac VHT80	42	5210	14.63	-	-	-	-	N/A	-7.30	7.33	21.00
802.11ax HE20	36	5180	18.66	-	-	-	-	N/A	-7.30	11.36	21.00
	40	5200	18.78	-	-	-	-	N/A	-7.30	11.48	21.00
	48	5240	25.03	-	-	-	-	N/A	-7.30	17.73	21.00
802.11ax HE40	38	5190	16.48	-	-	-	-	N/A	-7.30	9.18	21.00
	46	5230	22.36	-	-	-	-	N/A	-7.30	15.06	21.00
802.11ax HE80	42	5210	14.30	-	-	-	-	N/A	-7.30	7.00	21.00

26 dB & 99 % RF Bandwidth Measurement										
Mode	CH	Freq. (MHz)	99 % Bandwidth				26 dB Bandwidth			
			Ant-0	Ant-1	Ant-2	Ant-3	Ant-0	Ant-1	Ant-2	Ant-3
			MHz	MHz	MHz	MHz	MHz	MHz	MHz	MHz
802.11a	36	5180	16.460	-	-	-	19.460	-	-	-
	40	5200	16.475	-	-	-	19.700	-	-	-
	48	5240	17.832	-	-	-	33.960	-	-	-
802.11n HT20	36	5180	17.644	-	-	-	20.790	-	-	-
	40	5200	17.630	-	-	-	20.630	-	-	-
	48	5240	19.514	-	-	-	37.440	-	-	-
802.11n HT40	38	5190	36.068	-	-	-	40.050	-	-	-
	46	5230	36.181	-	-	-	40.560	-	-	-
802.11ac VHT80	42	5210	75.445	-	-	-	82.190	-	-	-
802.11ax HE20	36	5180	18.945	-	-	-	21.400	-	-	-
	40	5200	18.919	-	-	-	21.030	-	-	-
	48	5240	19.820	-	-	-	38.600	-	-	-
802.11ax HE40	38	5190	37.735	-	-	-	40.810	-	-	-
	46	5230	37.839	-	-	-	41.050	-	-	-
802.11ax HE80	42	5210	77.136	-	-	-	82.870	-	-	-

Band III_6 dB & 99 % RF Bandwidth Measurement											
Mode	CH	Freq. (MHz)	99 % Bandwidth				6 dB Bandwidth				6dB Limit
			Ant-0	Ant-1	Ant-2	Ant-3	Ant-0	Ant-1	Ant-2	Ant-3	
			MHz	MHz	MHz	MHz	kHz	kHz	kHz	kHz	kHz
802.11a	149	5745	17.193	-	-	-	15760	-	-	-	≥ 500 kHz
	157	5785	17.259	-	-	-	16030	-	-	-	
	165	5825	17.651	-	-	-	16040	-	-	-	
802.11n HT20	149	5745	17.968	-	-	-	17030	-	-	-	
	157	5785	18.016	-	-	-	16940	-	-	-	
	165	5825	18.090	-	-	-	17040	-	-	-	
802.11n HT40	151	5755	36.634	-	-	-	35350	-	-	-	
	159	5795	37.679	-	-	-	35700	-	-	-	
802.11ac VHT80	155	5775	75.249	-	-	-	73440	-	-	-	
802.11ax HE20	149	5745	19.227	-	-	-	18520	-	-	-	
	157	5785	19.221	-	-	-	18570	-	-	-	
	165	5825	19.236	-	-	-	18730	-	-	-	
802.11ax HE40	151	5755	38.027	-	-	-	37090	-	-	-	
	159	5795	38.612	-	-	-	37330	-	-	-	
802.11ax HE80	155	5775	76.974	-	-	-	77420	-	-	-	

Power Spectral Density Measurement								
Mode	CH	Frequency (MHz)	Measurement				Duty Factor	Limit
			Ant-0	Ant-1	Ant-2	Ant-3		
			dBm/MHz	dBm/MHz	dBm/MHz	dBm/MHz	dB	dBm/MHz
802.11a	36	5180	7.804	-	-	-	0.086	16.000
	40	5200	7.846	-	-	-	0.086	16.000
	48	5240	14.574	-	-	-	0.086	16.000
802.11n HT20	36	5180	7.768	-	-	-	0.963	16.000
	40	5200	7.518	-	-	-	0.963	16.000
	48	5240	13.114	-	-	-	0.963	16.000
802.11n HT40	38	5190	1.347	-	-	-	0.963	16.000
	46	5230	6.709	-	-	-	0.963	16.000
802.11ac VHT80	42	5210	-3.701	-	-	-	1.020	16.000
802.11ax HE20	36	5180	6.171	-	-	-	0.939	16.000
	40	5200	5.831	-	-	-	0.939	16.000
	48	5240	12.756	-	-	-	0.939	16.000
802.11ax HE40	38	5190	0.503	-	-	-	1.015	16.000
	46	5230	6.442	-	-	-	1.015	16.000
802.11ax HE80	42	5210	-4.392	-	-	-	0.939	16.000

Note: Power Density = measured result + 10 log (1/duty cycle) + Conversion ratio = measured result + duty factory.

Band III_ Power Spectral Density Measurement													
Mode	CH	Frequency (MHz)	Measurement								Duty Factor	Limit	PASS/FAIL
			Ant-0		Ant-1		Ant-2		Ant-3				
			dBm/100 kHz	dBm/500 kHz	dBm/100 kHz	dBm/500 kHz	dBm/100 kHz	dBm/500 kHz	dBm/100 kHz	dBm/500 kHz			
802.11a	149	5745	5.977	13.053	-	-	-	-	-	-	0.086	30.00	PASS
	157	5785	5.689	12.765	-	-	-	-	-	-	0.086	30.00	PASS
	165	5825	6.063	13.139	-	-	-	-	-	-	0.086	30.00	PASS
802.11n HT20	149	5745	4.635	12.587	-	-	-	-	-	-	0.963	30.00	PASS
	157	5785	4.653	12.606	-	-	-	-	-	-	0.963	30.00	PASS
	165	5825	4.733	12.685	-	-	-	-	-	-	0.963	30.00	PASS
802.11n HT40	151	5755	1.991	9.944	-	-	-	-	-	-	0.963	30.00	PASS
	159	5795	2.342	10.295	-	-	-	-	-	-	0.963	30.00	PASS
802.11ac VHT80	155	5775	-4.576	3.433	-	-	-	-	-	-	1.020	30.00	PASS
802.11ax HE20	149	5745	3.692	11.621	-	-	-	-	-	-	0.939	30.00	PASS
	157	5785	3.492	11.420	-	-	-	-	-	-	0.939	30.00	PASS
	165	5825	3.421	11.350	-	-	-	-	-	-	0.939	30.00	PASS
802.11ax HE40	151	5755	0.691	8.695	-	-	-	-	-	-	1.015	30.00	PASS
	159	5795	1.346	9.351	-	-	-	-	-	-	1.015	30.00	PASS
802.11ax HE80	155	5775	-5.734	2.195	-	-	-	-	-	-	0.939	30.00	PASS

Note: Power Density = measured result + 10 log (1/duty cycle) + Conversion ratio = measured result + duty factory.
Conversion ration = 10*Log(500 k/100 k)

MIMO

Duty cycle

Mode	Frequency (MHz)	on time (ms)	on+off time (ms)	Duty cycle (%)	Duty Factor (dB)	1/T Minimum VBW (kHz)
802.11n HT20	5180	5.490	6.800	80.735	0.929	0.182
802.11n HT40	5190	5.480	6.840	80.117	0.963	0.182
802.11ac VHT20	5180	5.480	6.840	80.117	0.963	0.182
802.11ac VHT40	5190	5.480	6.810	80.470	0.944	0.182
802.11ac VHT80	5210	5.480	6.930	79.076	1.020	0.182
802.11ax HE20	5180	5.510	6.840	80.556	0.939	0.181
802.11ax HE40	5190	5.510	6.960	79.167	1.015	0.181
802.11ax HE80	5210	5.510	6.840	80.556	0.939	0.181

RF power setting in Test SW							
Mode	CH	Frequency (MHz)	Ant-0	Ant-1	Ant-2	Ant-3	Test SW Version
802.11n HT20	36	5180	38	38	-	-	Tera Term v4.06
	40	5200	38	38	-	-	
	48	5240	50	50	-	-	
	149	5745	54	54	-	-	
	157	5785	54	54	-	-	
	165	5825	54	54	-	-	
802.11n HT40	38	5190	31	31	-	-	Tera Term v4.06
	46	5230	44	44	-	-	
	151	5755	52	52	-	-	
	159	5795	53	53	-	-	
802.11ac VHT20	36	5180	38	38	-	-	Tera Term v4.06
	40	5200	38	38	-	-	
	48	5240	50	50	-	-	
	149	5745	54	54	-	-	
	157	5785	54	54	-	-	
	165	5825	54	54	-	-	
802.11ac VHT40	38	5190	31	31	-	-	Tera Term v4.06
	46	5230	44	44	-	-	
	151	5755	52	52	-	-	
	159	5795	53	53	-	-	
802.11ac VHT80	42	5210	29	29	-	-	Tera Term v4.06
	155	5775	44	44	-	-	
802.11ax HE20	36	5180	37	37	-	-	Tera Term v4.06
	40	5200	37	37	-	-	
	48	5240	50	50	-	-	
	149	5745	54	54	-	-	
	157	5785	54	54	-	-	
	165	5825	54	54	-	-	
802.11ax HE40	38	5190	31	31	-	-	Tera Term v4.06
	46	5230	43	43	-	-	
	151	5755	52	52	-	-	
	159	5795	53	53	-	-	
802.11ax HE80	42	5210	26	26	-	-	Tera Term v4.06
	155	5775	44	44	-	-	

Maximum Conducted Output Power Measurement								
Mode	CH	Frequency (MHz)	Average power					Limit
			Ant-0	Ant-1	Ant-2	Ant-3	Total	
			dBm	dBm	dBm	dBm	dBm	
802.11n HT20	36	5180	18.45	18.31	-	-	21.39	29.00
	40	5200	18.60	18.36	-	-	21.49	29.00
	48	5240	24.66	24.57	-	-	27.62	29.00
	149	5745	25.94	25.92	-	-	28.94	30.00
	157	5785	26.31	25.95	-	-	29.14	30.00
	165	5825	26.26	26.09	-	-	29.19	30.00
802.11n HT40	38	5190	15.67	15.19	-	-	18.45	29.00
	46	5230	22.28	22.08	-	-	25.19	29.00
	151	5755	25.72	25.60	-	-	28.67	30.00
	159	5795	26.54	26.28	-	-	29.43	30.00
802.11ac VHT20	36	5180	18.36	18.20	-	-	21.29	29.00
	40	5200	18.52	18.27	-	-	21.41	29.00
	48	5240	24.62	24.50	-	-	27.57	29.00
	149	5745	25.88	25.80	-	-	28.85	30.00
	157	5785	26.22	25.91	-	-	29.08	30.00
	165	5825	26.15	26.06	-	-	29.12	30.00
802.11ac VHT40	38	5190	15.53	15.09	-	-	18.33	29.00
	46	5230	22.18	21.95	-	-	25.08	29.00
	151	5755	25.56	25.50	-	-	28.54	30.00
	159	5795	26.50	26.11	-	-	29.32	30.00
802.11ac VHT80	42	5210	14.49	14.14	-	-	17.33	29.00
	155	5775	22.19	21.69	-	-	24.96	30.00
802.11ax HE20	36	5180	18.25	17.77	-	-	21.03	29.00
	40	5200	18.45	18.16	-	-	21.32	29.00
	48	5240	24.79	24.70	-	-	27.75	29.00
	149	5745	26.10	26.02	-	-	29.07	30.00
	157	5785	26.35	26.07	-	-	29.22	30.00
	165	5825	26.41	26.19	-	-	29.31	30.00
802.11ax HE40	38	5190	15.84	15.73	-	-	18.80	29.00
	46	5230	21.98	21.70	-	-	24.86	29.00
	151	5755	25.82	25.77	-	-	28.81	30.00
	159	5795	26.76	26.40	-	-	29.60	30.00
802.11ax HE80	42	5210	13.23	13.19	-	-	16.22	29.00
	155	5775	22.33	21.88	-	-	25.12	30.00

30° elevation Power Measurement											
Mode	CH	Frequency (MHz)	Average power					Limit	E.I.R.P		EIRP Power Limit
			Ant-0	Ant-1	Ant-2	Ant-3	Total		Gain	Calculated Results	
			dBm	dBm	dBm	dBm	dBm		dB	dBm	
802.11n HT20	36	5180	18.45	18.31	-	-	21.39	N/A	-7.30	14.09	21.00
	40	5200	18.60	18.36	-	-	21.49	N/A	-7.30	14.19	21.00
	48	5240	24.66	24.57	-	-	27.62	N/A	-7.30	20.32	21.00
802.11n HT40	38	5190	15.67	15.19	-	-	18.45	N/A	-7.30	11.15	21.00
	46	5230	22.28	22.08	-	-	25.19	N/A	-7.30	17.89	21.00
802.11ac VHT20	36	5180	18.36	18.20	-	-	21.29	N/A	-7.30	13.99	21.00
	40	5200	18.52	18.27	-	-	21.41	N/A	-7.30	14.11	21.00
	48	5240	24.62	24.50	-	-	27.57	N/A	-7.30	20.27	21.00
802.11ac VHT40	38	5190	15.53	15.09	-	-	18.33	N/A	-7.30	11.03	21.00
	46	5230	22.18	21.95	-	-	25.08	N/A	-7.30	17.78	21.00
802.11ac VHT80	42	5210	14.49	14.14	-	-	17.33	N/A	-7.30	10.03	21.00
802.11ax HE20	36	5180	18.25	17.77	-	-	21.03	N/A	-7.30	13.73	21.00
	40	5200	18.45	18.16	-	-	21.32	N/A	-7.30	14.02	21.00
	48	5240	24.79	24.70	-	-	27.75	N/A	-7.30	20.45	21.00
802.11ax HE40	38	5190	15.84	15.73	-	-	18.80	N/A	-7.30	11.50	21.00
	46	5230	21.98	21.70	-	-	24.86	N/A	-7.30	17.56	21.00
802.11ax HE80	42	5210	13.23	13.19	-	-	16.22	N/A	-7.30	8.92	21.00

26 dB & 99 % RF Bandwidth Measurement										
Mode	CH	Freq. (MHz)	99 % Bandwidth				26 dB Bandwidth			
			Ant-0	Ant-1	Ant-2	Ant-3	Ant-0	Ant-1	Ant-2	Ant-3
			MHz	MHz	MHz	MHz	MHz	MHz	MHz	MHz
802.11n HT20	36	5180	17.653	17.617	-	-	20.750	20.450	-	-
	40	5200	17.635	17.607	-	-	21.010	20.410	-	-
	48	5240	19.718	17.887	-	-	37.290	26.990	-	-
802.11n HT40	38	5190	36.081	35.984	-	-	40.110	39.570	-	-
	46	5230	36.168	36.013	-	-	40.730	40.160	-	-
802.11ac VHT80	42	5210	75.434	75.509	-	-	82.460	82.340	-	-
802.11ax HE20	36	5180	18.953	18.961	-	-	21.240	21.260	-	-
	40	5200	18.944	18.968	-	-	21.170	21.280	-	-
	48	5240	19.946	19.262	-	-	37.900	31.370	-	-
802.11ax HE40	38	5190	37.671	37.663	-	-	40.730	40.640	-	-
	46	5230	37.810	37.794	-	-	40.790	40.720	-	-
802.11ax HE80	42	5210	77.179	77.225	-	-	82.810	83.170	-	-

Band III_6 dB & 99 % RF Bandwidth Measurement											
Mode	CH	Freq. (MHz)	99 % Bandwidth				6 dB Bandwidth				6dB Limit
			Ant-0	Ant-1	Ant-2	Ant-3	Ant-0	Ant-1	Ant-2	Ant-3	
			MHz	MHz	MHz	MHz	kHz	kHz	kHz	kHz	
802.11n HT20	149	5745	18.101	17.752	-	-	17170	17160	-	-	≥ 500 kHz
	157	5785	18.011	17.937	-	-	17180	17550	-	-	
	165	5825	18.107	17.955	-	-	16560	17570	-	-	
802.11n HT40	151	5755	36.424	36.217	-	-	35450	36290	-	-	
	159	5795	37.049	36.809	-	-	35680	36310	-	-	
802.11ac VHT80	155	5775	75.262	75.248	-	-	75090	75140	-	-	
802.11ax HE20	149	5745	19.199	19.116	-	-	18290	18350	-	-	
	157	5785	19.255	19.323	-	-	18300	18340	-	-	
	165	5825	19.480	19.348	-	-	18480	18580	-	-	
802.11ax HE40	151	5755	38.138	38.064	-	-	37460	37220	-	-	
	159	5795	38.527	38.566	-	-	37460	37740	-	-	
802.11ax HE80	155	5775	77.081	76.935	-	-	77400	75330	-	-	

Power Spectral Density Measurement									
Mode	CH	Frequency (MHz)	Measurement				Duty Factor	Calculated	Limit
			Ant-0	Ant-1	Ant-2	Ant-3		Total	
			dBm/MHz	dBm/MHz	dBm/MHz	dBm/MHz		dBm/MHz	
802.11n HT20	36	5180	5.618	6.259	-	-	0.929	9.890	16.000
	40	5200	6.268	6.472	-	-	0.929	10.311	16.000
	48	5240	12.077	12.037	-	-	0.929	15.997	16.000
802.11n HT40	38	5190	0.061	0.816	-	-	0.963	4.428	16.000
	46	5230	6.851	6.911	-	-	0.963	10.854	16.000
802.11ac VHT80	42	5210	-3.650	-3.563	-	-	1.020	0.423	16.000
802.11ax HE20	36	5180	5.988	6.411	-	-	0.939	10.154	16.000
	40	5200	5.570	6.336	-	-	0.939	9.919	16.000
	48	5240	11.851	11.973	-	-	0.939	15.862	16.000
802.11ax HE40	38	5190	0.489	0.711	-	-	1.015	4.626	16.000
	46	5230	6.355	6.568	-	-	1.015	10.487	16.000
802.11ax HE80	42	5210	-4.979	-4.676	-	-	0.939	-0.875	16.000

Note: Power Density = measured result + 10 log (1/duty cycle) + Conversion ratio = measured result + duty factory.

Band III_ Power Spectral Density Measurement														
Mode	CH	Frequency (MHz)	Measurement								Duty Factor	Calculated	Limit	PASS/FAIL
			Ant-0		Ant-1		Ant-2		Ant-3			Total		
			dBm/100 kHz	dBm/500 kHz	dBm/100 kHz	dBm/500 kHz	dBm/100 kHz	dBm/500 kHz	dBm/100 kHz	dBm/500 kHz		dB		
802.11n HT20	149	5745	4.743	12.662	4.852	12.771	-	-	-	-	0.929	15.727	30.00	PASS
	157	5785	4.446	12.365	5.017	12.936	-	-	-	-	0.929	15.670	30.00	PASS
	165	5825	5.064	12.983	5.358	13.277	-	-	-	-	0.929	16.143	30.00	PASS
802.11n HT40	151	5755	1.498	9.450	1.634	9.587	-	-	-	-	0.963	12.529	30.00	PASS
	159	5795	1.761	9.714	2.506	10.458	-	-	-	-	0.963	13.112	30.00	PASS
802.11ac VHT80	155	5775	-5.985	2.024	-5.225	2.784	-	-	-	-	1.020	5.431	30.00	PASS
802.11ax HE20	149	5745	3.184	11.113	3.648	11.577	-	-	-	-	0.939	14.361	30.00	PASS
	157	5785	3.717	11.646	4.362	12.290	-	-	-	-	0.939	14.990	30.00	PASS
	165	5825	3.716	11.645	4.191	12.120	-	-	-	-	0.939	14.899	30.00	PASS
802.11ax HE40	151	5755	1.303	9.308	0.509	8.513	-	-	-	-	1.015	11.939	30.00	PASS
	159	5795	1.297	9.301	1.633	9.637	-	-	-	-	1.015	12.483	30.00	PASS
802.11ax HE80	155	5775	-6.081	1.848	-5.545	2.384	-	-	-	-	0.939	5.135	30.00	PASS

Note: Power Density = measured result + 10 log (1/duty cycle) + Conversion ratio = measured result + duty factory.
Conversion ratio = 10*Log(500 k/100 k)