

					0	120	5550.080	5470 to 5725	Pass
					10	120	5550.080	5470 to 5725	Pass
					30	120	5550.080	5470 to 5725	Pass
					40	120	5550.120	5470 to 5725	Pass
		5670	RU484	Left	20	102	5670.040	5470 to 5725	Pass
						120	5670.120	5470 to 5725	Pass
						138	5670.080	5470 to 5725	Pass
					0	120	5670.120	5470 to 5725	Pass
					10	120	5670.080	5470 to 5725	Pass
					30	120	5670.080	5470 to 5725	Pass
					40	120	5670.080	5470 to 5725	Pass
					5755	RU484	Left	20	102
		120	5755.040	5725 to 5850					Pass
		138	5755.080	5725 to 5850					Pass
		0	120	5755.080				5725 to 5850	Pass
		10	120	5755.080				5725 to 5850	Pass
		30	120	5755.080				5725 to 5850	Pass
		40	120	5755.080				5725 to 5850	Pass
		5795	RU484	Left				20	102
					120	5795.080	5725 to 5850		Pass
					138	5795.080	5725 to 5850		Pass
					0	120	5795.120	5725 to 5850	Pass
					10	120	5795.160	5725 to 5850	Pass
					30	120	5795.080	5725 to 5850	Pass
40	120				5795.080	5725 to 5850	Pass		
802.11ax (HEW80)	MIMO				5210	RU996	Left	20	102
		120	5210.151	5150 to 5250					Pass
		138	5210.151	5150 to 5250					Pass
		0	120	5210.076				5150 to 5250	Pass
		10	120	5210.076				5150 to 5250	Pass
		30	120	5210.151				5150 to 5250	Pass
		40	120	5210.076				5150 to 5250	Pass
		5290	RU996	Left				20	102
					120	5290.076	5250 to 5350		Pass
					138	5290.151	5250 to 5350		Pass
					0	120	5290.076	5250 to 5350	Pass
					10	120	5290.151	5250 to 5350	Pass
					30	120	5290.151	5250 to 5350	Pass
					40	120	5290.151	5250 to 5350	Pass
					5530	RU996	Left	20	102



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					120	5530.151	5470 to 5725	Pass				
					138	5530.151	5470 to 5725	Pass				
					0	120	5530.151	5470 to 5725	Pass			
					10	120	5530.076	5470 to 5725	Pass			
					30	120	5530.151	5470 to 5725	Pass			
					40	120	5530.076	5470 to 5725	Pass			
					5610	RU996	Left	20	102	5610.151	5470 to 5725	Pass
									120	5610.076	5470 to 5725	Pass
									138	5610.151	5470 to 5725	Pass
								0	120	5610.151	5470 to 5725	Pass
		10	120	5610.151				5470 to 5725	Pass			
		30	120	5610.151				5470 to 5725	Pass			
		5775	RU996	Left	20	102	5775.076	5725 to 5850	Pass			
						120	5775.151	5725 to 5850	Pass			
						138	5775.076	5725 to 5850	Pass			
					0	120	5775.076	5725 to 5850	Pass			
					10	120	5775.151	5725 to 5850	Pass			
					30	120	5775.076	5725 to 5850	Pass			
					40	120	5775.076	5725 to 5850	Pass			
					802.11ax (HEW160)	MIMO	5570	2xRU996	Left	20	102	5570.150
120	5570.150	5470 to 5725	Pass									
138	5570.150	5470 to 5725	Pass									
0	120	5570.150	5470 to 5725	Pass								
10	120	5570.150	5470 to 5725	Pass								
30	120	5570.150	5470 to 5725	Pass								
40	120	5570.150	5470 to 5725	Pass								
5250	2xRU996	Left	20	102			5250.150	5150 to 5350	Pass			
				120			5250.150	5150 to 5350	Pass			
				138			5250.225	5150 to 5350	Pass			
			0	120			5250.150	5150 to 5350	Pass			
			10	120			5250.150	5150 to 5350	Pass			
			30	120			5250.150	5150 to 5350	Pass			
			40	120			5250.075	5150 to 5350	Pass			



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## 6. Transmitter Power Control

### 6.1 Maximum Conducted Output Power

#### 6.1.1 Test Result

Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum Average Conducted Output Power (dBm)					Verdict
					ANT1	ANT2	ANT3	MIMO	Limit	
802.11a	SISO	5260	/	/	13.68	14.49	14.55	/	<=24	Pass
		5300	/	/	13.42	14.25	13.52	/	<=24	Pass
		5320	/	/	14.00	14.67	14.67	/	<=24	Pass
		5500	/	/	14.38	15.53	15.26	/	<=24	Pass
		5580	/	/	13.91	15.08	14.36	/	<=24	Pass
		5700	/	/	14.25	14.81	14.59	/	<=24	Pass
802.11n (HT20)	MIMO	5260	/	/	7.86	7.79	8.64	12.89	<=24	Pass
		5300	/	/	7.10	8.27	8.10	12.62	<=24	Pass
		5320	/	/	7.13	7.68	7.59	12.24	<=24	Pass
		5500	/	/	8.39	9.02	8.39	13.38	<=24	Pass
		5580	/	/	8.11	8.22	7.55	12.74	<=24	Pass
		5700	/	/	7.15	8.62	8.01	12.74	<=24	Pass
802.11n (HT40)	MIMO	5270	/	/	8.07	8.70	8.83	13.32	<=24	Pass
		5310	/	/	7.78	8.23	8.16	12.83	<=24	Pass
		5510	/	/	8.56	9.52	8.98	13.81	<=24	Pass
		5550	/	/	9.09	9.42	9.61	14.15	<=24	Pass
		5670	/	/	8.62	10.08	9.47	14.20	<=24	Pass
802.11ac (VHT20)	MIMO	5260	/	/	7.86	8.59	8.05	12.95	<=24	Pass
		5300	/	/	7.66	7.91	7.53	12.47	<=24	Pass
		5320	/	/	7.39	7.77	7.85	12.45	<=24	Pass
		5500	/	/	8.11	8.66	7.88	13.00	<=24	Pass
		5580	/	/	7.16	8.63	8.20	12.81	<=24	Pass
		5700	/	/	7.35	8.10	7.60	12.47	<=24	Pass
802.11ac (VHT40)	MIMO	5270	/	/	8.85	8.73	8.64	13.51	<=24	Pass
		5310	/	/	8.36	9.01	8.86	13.52	<=24	Pass
		5510	/	/	7.80	7.67	8.09	12.63	<=24	Pass
		5550	/	/	9.29	9.59	9.56	14.25	<=24	Pass
		5670	/	/	9.26	10.05	9.17	14.28	<=24	Pass
802.11ac (VHT80)	MIMO	5290	/	/	8.17	8.31	8.75	13.19	<=24	Pass
		5530	/	/	8.19	9.45	9.12	13.72	<=24	Pass
		5610	/	/	8.97	9.84	9.68	14.28	<=24	Pass
802.11ac	MIMO	5570	/	/	6.71	6.84	6.48	11.45	<=24	Pass



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(VHT160)		5250	/	/	7.36	7.68	6.90	12.10	<=24	Pass
802.11ax (HEW20)	MIMO	5260	RU242	Left	7.77	8.66	8.15	12.98	<=24	Pass
		5300	RU242	Left	6.13	5.14	8.77	11.73	<=24	Pass
		5320	RU242	Left	7.36	8.41	8.18	12.78	<=24	Pass
		5500	RU242	Left	7.84	7.72	7.99	12.62	<=24	Pass
		5580	RU242	Left	8.14	8.69	7.99	13.06	<=24	Pass
		5700	RU242	Left	8.09	8.20	8.66	13.09	<=24	Pass
802.11ax (HEW40)	MIMO	5270	RU484	Left	7.78	8.97	8.95	13.37	<=24	Pass
		5310	RU484	Left	8.05	8.04	8.19	12.87	<=24	Pass
		5510	RU484	Left	6.98	7.14	6.85	11.76	<=24	Pass
		5550	RU484	Left	7.60	9.18	8.89	13.38	<=24	Pass
		5670	RU484	Left	8.31	8.99	8.56	13.40	<=24	Pass
802.11ax (HEW80)	MIMO	5290	RU996	Left	7.44	7.70	7.29	12.25	<=24	Pass
		5530	RU996	Left	8.63	9.22	8.65	13.61	<=24	Pass
		5610	RU996	Left	8.58	9.47	8.70	13.71	<=24	Pass
802.11ax (HEW160)	MIMO	5570	2xRU996	Left	6.88	7.85	7.17	12.09	<=24	Pass
		5250	2xRU996	Left	8.24	9.06	8.72	13.46	<=24	Pass

Note1: ANT1 &ANT2: 2.5dBi ANT3:3.65dBi; Directional Gain: 7.67dBi.

Note2: Directional gain =  $10 \log[(10^{G_1/20} + 10^{G_2/20} + \dots + 10^{G_N/20})^2 / N_{ANT}]$  dBi

- End of the Report -

