

A1. Conducted Test Results

Test Engineer:	Jiang Jun	Temperature:	21~25	°C
Test Date:	2024.8.29	Relative Humidity:	51~54	%

TEST RESULTS DATA
Average Output Power

2.4GHz Band MIMO																		
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	Duty Factor (dB)		Average Conducted Power (dBm)			Conducted Power Limit (dBm)		DG (dBi)		EIRP Power (dBm)		EIRP Power Limit (dBm)		Pass /Fail
					Ant1	Ant2	Ant1	Ant2	SUM	Ant1	Ant2	Ant1	Ant2	Ant1	Ant2	Ant1	Ant2	
11b	1Mbps	2	1	2412	0.85	0.91	15.11	15.19	18.16	30.00		5.11		23.27	36.00		Pass	
11b	1Mbps	2	2	2417	0.85	0.91	17.88	17.89	20.90	30.00		5.11		26.01	36.00		Pass	
11b	1Mbps	2	3	2422	0.85	0.91	19.64	19.79	22.73	30.00		5.11		27.84	36.00		Pass	
11b	1Mbps	2	6	2437	0.85	0.91	21.61	21.67	24.65	30.00		5.11		29.76	36.00		Pass	
11b	1Mbps	2	9	2452	0.85	0.91	19.07	19.33	22.21	30.00		5.11		27.32	36.00		Pass	
11b	1Mbps	2	10	2457	0.85	0.91	17.01	17.15	20.09	30.00		5.11		25.20	36.00		Pass	
11b	1Mbps	2	11	2462	0.85	0.91	14.46	14.61	17.55	30.00		5.11		22.66	36.00		Pass	
11g	6Mbps	2	1	2412	0.04	0.04	21.10	21.12	24.12	30.00		5.11		29.23	36.00		Pass	
11g	6Mbps	2	6	2437	0.04	0.04	21.56	21.49	24.54	30.00		5.11		29.65	36.00		Pass	
11g	6Mbps	2	10	2457	0.04	0.04	20.76	20.76	23.77	30.00		5.11		28.88	36.00		Pass	
11g	6Mbps	2	11	2462	0.04	0.04	17.32	17.39	20.37	30.00		5.11		25.48	36.00		Pass	
HT20	MCS0	2	1	2412	0.05	0.09	20.23	20.13	23.19	30.00		5.11		28.30	36.00		Pass	
HT20	MCS0	2	6	2437	0.05	0.09	20.50	20.54	23.53	30.00		5.11		28.64	36.00		Pass	
HT20	MCS0	2	11	2462	0.05	0.09	18.36	18.43	21.41	30.00		5.11		26.52	36.00		Pass	
HT40	MCS0	2	3	2422	0.04	0.06	18.67	18.55	21.62	30.00		5.11		26.73	36.00		Pass	
HT40	MCS0	2	6	2437	0.04	0.06	19.35	19.32	22.35	30.00		5.11		27.46	36.00		Pass	
HT40	MCS0	2	9	2452	0.04	0.06	17.61	17.76	20.70	30.00		5.11		25.81	36.00		Pass	

Setting	
Ant1	Ant2
16.00	
19.00	
21.00	
22.00	
20.00	
18.50	
16.00	
22.50	
22.50	
22.50	
19.00	
21.50	
20.00	
20.00	
20.50	
19.00	

Note: Measured power (dBm) has offset with cable loss.

TEST RESULTS DATA
Average Output Power

2.4GHz Band MIMO																					
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)			Average Conducted Power (dBm)			Conducted Power Limit (dBm)		DG (dBi)		EIRP Power (dBm)		EIRP Power Limit (dBm)		Pass /Fail	
						Ant1	Ant2	SUM	Ant1	Ant2	SUM	Ant1	Ant2	Ant1	Ant2	Ant1	Ant2	Ant1	Ant2		
HE20	MCS0	2	1	2412	Full	0.13	0.15	20.64	20.65	23.66	30.00	5.11	28.77	36.00	36.00	Pass					
HE20	MCS0	2	1	2412	4*52RU	0.46	0.44	17.45	17.80	20.64	30.00	5.11	25.75	36.00	36.00	Pass					
HE20	MCS0	2	6	2437	Full	0.13	0.15	21.17	21.12	24.16	30.00	5.11	29.27	36.00	36.00	Pass					
HE20	MCS0	2	6	2437	4*52RU	0.46	0.44	19.76	20.00	22.89	30.00	5.11	28.00	36.00	36.00	Pass					
HE20	MCS0	2	11	2462	Full	0.13	0.15	18.39	18.56	21.49	30.00	5.11	26.60	36.00	36.00	Pass					
HE20	MCS0	2	11	2462	4*52RU	0.46	0.44	17.37	17.61	20.50	30.00	5.11	25.61	36.00	36.00	Pass					
HE40	MCS0	2	3	2422	Full	0.07	0.09	18.89	18.85	21.88	30.00	5.11	26.99	36.00	36.00	Pass					
HE40	MCS0	2	3	2422	242/61	0.27	0.28	17.82	17.95	20.90	30.00	5.11	26.01	36.00	36.00	Pass					
HE40	MCS0	2	6	2437	Full	0.07	0.09	19.69	19.51	22.61	30.00	5.11	27.72	36.00	36.00	Pass					
HE40	MCS0	2	6	2437	242/61	0.27	0.28	18.17	18.23	21.21	30.00	5.11	26.32	36.00	36.00	Pass					
HE40	MCS0	2	9	2452	Full	0.07	0.09	18.01	17.95	20.99	30.00	5.11	26.10	36.00	36.00	Pass					
HE40	MCS0	2	9	2452	242/62	0.27	0.28	16.89	17.15	20.03	30.00	5.11	25.14	36.00	36.00	Pass					

Setting	
Ant1	Ant2
22.00	
Gain 30	
22.00	
Gain 31	
20.00	
Gain 29	
20.50	
19.00	
21.00	
19.00	
19.50	
18.00	

Note: Measured power (dBm) has offset with cable loss.

TEST RESULTS DATA
Average Output Power

2.4GHz Band MIMO																				
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)			Average Conducted Power (dBm)			Conducted Power Limit (dBm)		DG (dBi)		EIRP Power (dBm)		EIRP Power Limit (dBm)	Pass /Fail	
						Ant1	Ant2	SUM	Ant1	Ant2	SUM	Ant1	Ant2	Ant1	Ant2	Ant1	Ant2			
EHT20	MCS0	2	1	2412	Full	0.06	0.03	20.71	20.72	23.73	30.00	5.11	28.84	36.00	Pass					
EHT20	MCS0	2	1	2412	4*52RU	0.29	0.27	17.48	17.85	20.68	30.00	5.11	25.79	36.00	Pass					
EHT20	MCS0	2	6	2437	Full	0.06	0.03	21.21	21.19	24.21	30.00	5.11	29.32	36.00	Pass					
EHT20	MCS0	2	6	2437	4*52RU	0.29	0.27	19.83	20.05	22.95	30.00	5.11	28.06	36.00	Pass					
EHT20	MCS0	2	11	2462	Full	0.06	0.03	18.45	18.64	21.56	30.00	5.11	26.67	36.00	Pass					
EHT20	MCS0	2	11	2462	4*52RU	0.29	0.27	17.42	17.67	20.56	30.00	5.11	25.67	36.00	Pass					
EHT40	MCS0	2	3	2422	Full	0.11	0.04	18.97	18.93	21.96	30.00	5.11	27.07	36.00	Pass					
EHT40	MCS0	2	3	2422	8*52RU	0.52	0.51	17.90	17.98	20.95	30.00	5.11	26.06	36.00	Pass					
EHT40	MCS0	2	6	2437	Full	0.11	0.04	19.72	19.54	22.64	30.00	5.11	27.75	36.00	Pass					
EHT40	MCS0	2	6	2437	8*52RU	0.52	0.51	18.23	18.31	21.28	30.00	5.11	26.39	36.00	Pass					
EHT40	MCS0	2	9	2452	Full	0.11	0.04	18.04	17.99	21.03	30.00	5.11	26.14	36.00	Pass					
EHT40	MCS0	2	9	2452	8*52RU	0.52	0.51	16.95	17.18	20.08	30.00	5.11	25.19	36.00	Pass					

Setting	
Ant1	Ant2
22.00	
Gain 30	
22.00	
Gain 31	
20.00	
Gain 29	
20.50	
19.00	
21.00	
19.00	
19.50	
18.00	

Note: Measured power (dBm) has offset with cable loss.

TEST RESULTS DATA
Average Output Power

2.4GHz Band MIMO																			
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Average Conducted Power (dBm)			Conducted Power Limit (dBm)		DG (dBi)		EIRP Power (dBm)		EIRP Power Limit (dBm)		Pass /Fail
						Ant1	Ant2	Ant1	Ant2	SUM	Ant1	Ant2	Ant1	Ant2	Ant1	Ant2	Ant1	Ant2	
HE20	MCS0	2	1	2412	Full	0.13	0.15	15.32	15.00	18.17	30.00		3.92		22.09		36.00		Pass
HE20	MCS0	2	2	2417	Full	0.13	0.15	17.95	17.84	20.91	30.00		3.92		24.83		36.00		Pass
HE20	MCS0	2	3	2422	Full	0.13	0.15	19.83	19.78	22.82	30.00		3.92		26.74		36.00		Pass
HE20	MCS0	2	6	2437	Full	0.13	0.15	19.46	19.57	22.53	30.00		3.92		26.45		36.00		Pass
HE20	MCS0	2	10	2457	Full	0.13	0.15	18.78	18.56	21.68	30.00		3.92		25.60		36.00		Pass
HE20	MCS0	2	11	2462	Full	0.13	0.15	14.77	14.84	17.82	30.00		3.92		21.74		36.00		Pass
HE40	MCS0	2	3	2422	Full	0.07	0.09	17.67	17.78	20.74	30.00		3.92		24.66		36.00		Pass
HE40	MCS0	2	6	2437	Full	0.07	0.09	18.88	19.19	22.05	30.00		3.92		25.97		36.00		Pass
HE40	MCS0	2	9	2452	Full	0.07	0.09	17.81	18.10	20.97	30.00		3.92		24.89		36.00		Pass

Setting	
Ant1	Ant2
19.00	
22.00	
24.00	
23.00	
23.00	
19.00	
22.00	
23.00	
22.00	

Note: Measured power (dBm) has offset with cable loss.

TEST RESULTS DATA
Average Output Power

2.4GHz Band MIMO																			
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Average Conducted Power (dBm)			Conducted Power Limit (dBm)		DG (dBi)		EIRP Power (dBm)		EIRP Power Limit (dBm)		Pass /Fail
						Ant1	Ant2	Ant1	Ant2	SUM	Ant1	Ant2	Ant1	Ant2	Ant1	Ant2	Ant1	Ant2	
EHT20	MCS0	2	1	2412	Full	0.14	0.20	15.38	15.03	18.22	30.00		3.92		22.14		36.00		Pass
EHT20	MCS0	2	2	2417	Full	0.13	0.15	18.01	17.91	20.97	30.00		3.92		24.89		36.00		Pass
EHT20	MCS0	2	3	2422	Full	0.13	0.15	19.88	19.84	22.87	30.00		3.92		26.79		36.00		Pass
EHT20	MCS0	2	6	2437	Full	0.14	0.20	19.50	19.60	22.56	30.00		3.92		26.48		36.00		Pass
EHT20	MCS0	2	10	2457	Full	0.13	0.15	18.82	18.60	21.72	30.00		3.92		25.64		36.00		Pass
EHT20	MCS0	2	11	2462	Full	0.14	0.20	14.81	14.89	17.86	30.00		3.92		21.78		36.00		Pass
EHT40	MCS0	2	3	2422	Full	0.21	0.13	17.75	17.80	20.79	30.00		3.92		24.71		36.00		Pass
EHT40	MCS0	2	6	2437	Full	0.21	0.13	18.96	19.26	22.12	30.00		3.92		26.04		36.00		Pass
EHT40	MCS0	2	9	2452	Full	0.21	0.13	17.84	18.12	20.99	30.00		3.92		24.91		36.00		Pass

Setting	
Ant1	Ant2
19.00	
22.00	
24.00	
23.00	
23.00	
19.00	
22.00	
23.00	
22.00	

Note: Measured power (dBm) has offset with cable loss.