

Appendix A. Test Result of Conducted Test Items

Test Engineer:	Aking Chang	Temperature:	21~25	°C
Test Date:	2016/12/2	Relative Humidity:	51~54	%

TEST RESULTS DATA
Average Power Table

FCC Band I										
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)	Average Conducted Power (dBm)	FCC Conducted Power Limit (dBm)	DG (dBi)		Pass/Fail
11a	6Mbps	1	36	5180	0.24	15.49	24.00	1.35		Pass
11a	6Mbps	1	44	5220	0.24	16.92	24.00	1.35		Pass
11a	6Mbps	1	48	5240	0.24	16.69	24.00	1.35		Pass
HT20	MCS0	1	36	5180	0.26	14.40	24.00	1.35		Pass
HT20	MCS0	1	44	5220	0.26	16.94	24.00	1.35		Pass
HT20	MCS0	1	48	5240	0.26	16.71	24.00	1.35		Pass
HT40	MCS0	1	38	5190	0.48	10.95	24.00	1.35		Pass
HT40	MCS0	1	46	5230	0.48	15.83	24.00	1.35		Pass
VHT20	MCS0	1	36	5180	0.26	15.36	24.00	1.35		Pass
VHT20	MCS0	1	44	5220	0.26	16.86	24.00	1.35		Pass
VHT20	MCS0	1	48	5240	0.26	16.66	24.00	1.35		Pass
VHT40	MCS0	1	38	5190	0.47	11.62	24.00	1.35		Pass
VHT40	MCS0	1	46	5230	0.47	15.77	24.00	1.35		Pass
VHT80	MCS0	1	42	5210	0.60	9.18	24.00	1.35		Pass

TEST RESULTS DATA
Average Power Table

FCC Band II										
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	Duty Factor (dB)	Average Conducted Power (dBm)	FCC Conducted Power Limit (dBm)	DG (dBi)	EIRP Power Limit (dBm)	Pass/Fail
11a	6M bps	1	52	5260	0.24	16.78	23.98	1.35	26.99	Pass
11a	6M bps	1	60	5300	0.24	16.83	23.98	1.35	26.99	Pass
11a	6M bps	1	64	5320	0.24	14.97	23.98	1.35	26.99	Pass
HT20	MCS 0	1	52	5260	0.26	16.80	23.98	1.35	26.99	Pass
HT20	MCS 0	1	60	5300	0.26	16.85	23.98	1.35	26.99	Pass
HT20	MCS 0	1	64	5320	0.26	14.76	23.98	1.35	26.99	Pass
HT40	MCS 0	1	54	5270	0.48	15.89	23.98	1.35	26.99	Pass
HT40	MCS 0	1	62	5310	0.48	11.78	23.98	1.35	26.99	Pass
VHT20	MCS 0	1	52	5260	0.26	16.79	23.98	1.35	26.99	Pass
VHT20	MCS 0	1	60	5300	0.26	16.76	23.98	1.35	26.99	Pass
VHT20	MCS 0	1	64	5320	0.26	14.75	23.98	1.35	26.99	Pass
VHT40	MCS 0	1	54	5270	0.47	15.87	23.98	1.35	26.99	Pass
VHT40	MCS 0	1	62	5310	0.47	11.72	23.98	1.35	26.99	Pass
VHT80	MCS 0	1	58	5290	0.60	11.01	23.98	1.35	26.99	Pass

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FCC Band III										
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	Duty Factor (dB)	Average Conducted Power (dBm)	FCC Conducted Power Limit (dBm)	DG (dBi)	EIRP Power Limit (dBm)	Pass/Fail
11a	6M bps	1	100	5500	0.24	14.84	23.98	1.35	26.99	Pass
11a	6M bps	1	116	5580	0.24	16.74	23.98	1.35	26.99	Pass
11a	6M bps	1	140	5700	0.24	14.24	23.98	1.35	26.99	Pass
HT20	MCS 0	1	100	5500	0.26	14.86	23.98	1.35	26.99	Pass
HT20	MCS 0	1	116	5580	0.26	16.76	23.98	1.35	26.99	Pass
HT20	MCS 0	1	140	5700	0.26	14.86	23.98	1.35	26.99	Pass
HT40	MCS 0	1	102	5510	0.48	12.89	23.98	1.35	26.99	Pass
HT40	MCS 0	1	110	5550	0.48	15.66	23.98	1.35	26.99	Pass
HT40	MCS 0	1	134	5670	0.48	15.07	23.98	1.35	26.99	Pass
VHT20	MCS 0	1	100	5500	0.26	14.81	23.98	1.35	26.99	Pass
VHT20	MCS 0	1	116	5580	0.26	16.75	23.98	1.35	26.99	Pass
VHT20	MCS 0	1	140	5700	0.26	14.84	23.98	1.35	26.99	Pass
VHT40	MCS 0	1	102	5510	0.47	12.84	23.98	1.35	26.99	Pass
VHT40	MCS 0	1	110	5550	0.47	15.61	23.98	1.35	26.99	Pass
VHT40	MCS 0	1	134	5670	0.47	15.02	23.98	1.35	26.99	Pass
VHT80	MCS 0	1	106	5530	0.60	11.91	23.98	1.35	26.99	Pass
VHT80	MCS 0	1	122	5610	0.60	15.85	23.98	1.35	26.99	Pass

TEST RESULTS DATA
Average Power Table

FCC Straddle Channel										
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	Duty Factor (dB)	Average Conducted Power (dBm)	FCC Conducted Power Limit (dBm)	DG (dBi)		Pass/Fail
11a	6Mbps	1	144	5720	0.24	16.50	-	1.35		Pass
HT20	MCS0	1	144	5720	0.26	16.52	-	1.35		Pass
HT40	MCS0	1	142	5710	0.48	15.73	-	1.35		Pass
VHT20	MCS0	1	144	5720	0.26	16.51	-	1.35		Pass
VHT40	MCS0	1	142	5710	0.47	15.71	-	1.35		Pass
VHT80	MCS0	1	138	5690	0.60	15.72	-	1.35		Pass