

TEST RESULTS DATA
6dB and 99% Occupied Bandwidth

Test Engineer:	Bill Kuo	Temperature:	21~25	°C
Test Date:	2014/12/23 ~ 2014/12/24	Relative Humidity:	51~54	%

2.4GHz Band										
Mod.	Data Rate	N	Tx Channel	Freq. (MHz)	99% Occupied BW (MHz)		6dB BW (MHz)		6dB BW Limit (MHz)	Pass/Fail
					Ant 1	Ant 2	Ant 1	Ant 2		
11b	1Mbps	1	1	2412	11.60		8.08		0.50	Pass
11b	1Mbps	1	6	2437	11.55		8.56		0.50	Pass
11b	1Mbps	1	11	2462	11.55		8.56		0.50	Pass
11g	6Mbps	1	1	2412	17.25		15.40		0.50	Pass
11g	6Mbps	1	6	2437	17.25		15.72		0.50	Pass
11g	6Mbps	1	11	2462	17.25		15.44		0.50	Pass
HT20	MCS0	2	1	2412	18.10	18.05	15.72	16.32	0.50	Pass
HT20	MCS0	2	6	2437	18.10	18.00	15.44	16.36	0.50	Pass
HT20	MCS0	2	11	2462	18.05	18.05	15.16	16.32	0.50	Pass

TEST RESULTS DATA
Peak Power Density

Test Engineer:	Bill Kuo	Temperature:	21~25	°C
Test Date:	2014/12/23 ~ 2014/12/24	Relative Humidity:	51~54	%

2.4GHz Band												
Mod.	Data Rate	N	Tx Channel	Freq. (MHz)	Peak PSD (dBm/3kHz)			DG (dBi)		Peak PSD Limit (dBm/3kHz)		Pass/Fail
					Ant 1	Ant 2	Worse + 3.01	Ant 1	Ant 2	Ant 1	Ant 2	
11b	1Mbps	1	1	2412	-6.59		-	-2.84	-3.79	8.00	8.00	Pass
11b	1Mbps	1	6	2437	-6.75			-2.84	-3.79	8.00	8.00	Pass
11b	1Mbps	1	11	2462	-5.75			-2.84	-3.79	8.00	8.00	Pass
11g	6Mbps	1	1	2412	-10.81			-2.84	-3.79	8.00	8.00	Pass
11g	6Mbps	1	6	2437	-9.32			-2.84	-3.79	8.00	8.00	Pass
11g	6Mbps	1	11	2462	-10.54			-2.84	-3.79	8.00	8.00	Pass
HT20	MCS0	2	1	2412	-11.37	-11.04	-8.03	-0.29		8.00		Pass
HT20	MCS0	2	6	2437	-11.09	-11.20	-8.08	-0.29		8.00		Pass
HT20	MCS0	2	11	2462	-10.22	-12.27	-7.21	-0.29		8.00		Pass

TEST RESULTS DATA
Peak Power Table

Test Engineer:	Bill Kuo	Temperature:	21~25	°C
Test Date:	2014/12/23 ~ 2014/12/24	Relative Humidity:	51~54	%

2.4GHz Band																
Mod.	Data Rate	N	Tx Channel	Freq. (MHz)	Peak Conducted Power (dBm)			Conducted Power Limit (dBm)		DG (dBi)		EIRP Power (dBm)		EIRP Power Limit (dBm)		Pass /Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	
11b	1Mbps	1	1	2412	18.58	18.63		30.00	30.00	-2.84	-3.79	15.74	14.84	36.00	36.00	Pass
11b	1Mbps	1	6	2437	19.27	18.88		30.00	30.00	-2.84	-3.79	16.43	15.09	36.00	36.00	Pass
11b	1Mbps	1	11	2462	19.14	18.82		30.00	30.00	-2.84	-3.79	16.30	15.03	36.00	36.00	Pass
11g	6Mbps	1	1	2412	22.69	22.09		30.00	30.00	-2.84	-3.79	19.85	18.30	36.00	36.00	Pass
11g	6Mbps	1	6	2437	23.02	22.78		30.00	30.00	-2.84	-3.79	20.18	18.99	36.00	36.00	Pass
11g	6Mbps	1	11	2462	23.07	21.67		30.00	30.00	-2.84	-3.79	20.23	17.88	36.00	36.00	Pass
HT20	MCS0	1	1	2412	22.20	22.12		30.00	30.00	-2.84	-3.79	19.36	18.33	36.00	36.00	Pass
HT20	MCS0	1	6	2437	22.40	22.34		30.00	30.00	-2.84	-3.79	19.56	18.55	36.00	36.00	Pass
HT20	MCS0	1	11	2462	22.59	22.36		30.00	30.00	-2.84	-3.79	19.75	18.57	36.00	36.00	Pass
HT20	MCS0	2	1	2412	22.11	22.12	25.13	30.00		-0.29		24.83		36.00		Pass
HT20	MCS0	2	6	2437	22.37	22.17	25.28	30.00		-0.29		24.99		36.00		Pass
HT20	MCS0	2	11	2462	22.42	22.22	25.33	30.00		-0.29		25.04		36.00		Pass

TEST RESULTS DATA
Average Power Table
(Reporting Only)

Test Engineer:	Bill Kuo	Temperature:	21~25	°C
Test Date:	2014/12/23 ~ 2014/12/24	Relative Humidity:	51~54	%

2.4GHz Band									
Mod.	Data Rate	NTX	Channel	Freq. (MHz)	Duty Factor (dB)		Average Conducted Power (dBm)		
					Ant 1	Ant 2	Ant 1	Ant 2	SUM
11b	1Mbps	1	1	2412	0.10	0.10	15.34	15.40	
11b	1Mbps	1	6	2437	0.10	0.10	15.98	15.75	
11b	1Mbps	1	11	2462	0.10	0.10	15.85	15.59	
11g	6Mbps	1	1	2412	0.59	0.59	14.76	13.83	
11g	6Mbps	1	6	2437	0.59	0.59	14.99	14.65	
11g	6Mbps	1	11	2462	0.59	0.59	15.13	12.71	
HT20	MCS0	1	1	2412	0.62	0.62	13.75	13.59	
HT20	MCS0	1	6	2437	0.62	0.62	13.81	13.60	
HT20	MCS0	1	11	2462	0.62	0.62	14.12	13.72	
HT20	MCS0	2	1	2412	1.14	1.16	13.95	13.47	16.73
HT20	MCS0	2	6	2437	1.14	1.16	14.19	13.93	17.07
HT20	MCS0	2	11	2462	1.14	1.16	14.38	13.98	17.19