

Report Number : FR6O0801-01C

Test Engineer:	Aking Chang	Temperature:	21~25	°C
Test Date:	2016/10/04 ~ 2016/10/11	Relative Humidity:	51~54	%

**TEST RESULTS DATA**  
**6dB and 99% Occupied Bandwidth**

2.4GHz Band										
Mod.	Data Rate	NTx	CH.	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	2	1	2412	13.25	13.00	7.00	7.04	0.50	Pass
11b	1Mbps	2	6	2437	13.00	12.85	7.04	7.04	0.50	Pass
11b	1Mbps	2	11	2462	15.10	14.30	7.08	7.04	0.50	Pass
11g	6Mbps	2	1	2412	16.70	16.60	15.08	15.04	0.50	Pass
11g	6Mbps	2	6	2437	22.15	22.40	15.04	15.08	0.50	Pass
11g	6Mbps	2	11	2462	17.70	17.05	15.04	15.08	0.50	Pass
HT20	MCS8	2	1	2412	17.90	17.80	15.08	15.00	0.50	Pass
HT20	MCS8	2	6	2437	22.10	24.30	15.08	15.08	0.50	Pass
HT20	MCS8	2	11	2462	18.15	17.95	15.08	15.08	0.50	Pass
HT40	MCS8	2	3	2422	36.10	36.00	30.00	32.48	0.50	Pass
HT40	MCS8	2	6	2437	36.20	36.00	26.32	30.08	0.50	Pass
HT40	MCS8	2	9	2452	36.20	36.10	30.00	31.24	0.50	Pass

**TEST RESULTS DATA**  
**Peak Output Power**

2.4GHz Band																
Mod.	Data Rate	NTX	CH.	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	2	1	2412	22.70	21.41	25.11	30.00		2.90		28.01		36.00		Pass
11b	1Mbps	2	6	2437	23.10	21.34	25.32	30.00		2.90		28.22		36.00		Pass
11b	1Mbps	2	11	2462	23.86	22.38	26.19	30.00		2.90		29.09		36.00		Pass
11g	6Mbps	2	1	2412	22.96	21.80	25.43	30.00		2.90		28.33		36.00		Pass
11g	6Mbps	2	6	2437	24.75	23.74	27.28	30.00		2.90		30.18		36.00		Pass
11g	6Mbps	2	11	2462	24.59	23.05	26.90	30.00		2.90		29.80		36.00		Pass
HT20	MCS8	2	1	2412	22.60	21.16	24.95	30.00		2.90		27.85		36.00		Pass
HT20	MCS8	2	6	2437	24.81	23.72	27.31	30.00		2.90		30.21		36.00		Pass
HT20	MCS8	2	11	2462	24.50	22.92	26.79	30.00		2.90		29.69		36.00		Pass
HT40	MCS8	2	3	2422	19.68	18.41	22.10	30.00		2.90		25.00		36.00		Pass
HT40	MCS8	2	6	2437	23.35	21.54	25.55	30.00		2.90		28.45		36.00		Pass
HT40	MCS8	2	9	2452	22.96	20.81	25.03	30.00		2.90		27.93		36.00		Pass

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

**TEST RESULTS DATA**  
**Average Output Power**

2.4GHz Band									
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Average Conducted Power (dBm)		
					Ant 1	Ant 2	Ant 1	Ant 2	SUM
11b	1Mbps	2	1	2412	0.00	0.00	19.93	18.54	22.30
11b	1Mbps	2	6	2437	0.00	0.00	20.35	18.53	22.54
11b	1Mbps	2	11	2462	0.00	0.00	21.45	20.53	24.02
11g	6Mbps	2	1	2412	0.13	0.13	14.82	13.50	17.22
11g	6Mbps	2	6	2437	0.13	0.13	21.37	20.59	24.00
11g	6Mbps	2	11	2462	0.13	0.13	18.25	16.34	20.41
HT20	MCS8	2	1	2412	0.26	0.22	14.44	13.18	16.87
HT20	MCS8	2	6	2437	0.26	0.22	21.26	20.43	23.88
HT20	MCS8	2	11	2462	0.26	0.22	18.68	16.54	20.75
HT40	MCS8	2	3	2422	0.38	0.34	11.85	10.46	14.22
HT40	MCS8	2	6	2437	0.38	0.34	16.76	14.64	18.84
HT40	MCS8	2	9	2452	0.38	0.34	15.91	13.60	17.92

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

**TEST RESULTS DATA**  
**Peak Power Spectral Density**

2.4GHz Band												
Mod.	Data Rate	NTX	CH.	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	2	1	2412	-2.26	-3.63	0.75	5.42		8.00		Pass
11b	1Mbps	2	6	2437	-1.65	-3.55	1.36	5.42		8.00		Pass
11b	1Mbps	2	11	2462	0.30	-2.00	3.31	5.42		8.00		Pass
11g	6Mbps	2	1	2412	-8.28	-11.35	-5.27	5.42		8.00		Pass
11g	6Mbps	2	6	2437	-3.77	-4.30	-0.76	5.42		8.00		Pass
11g	6Mbps	2	11	2462	-6.14	-8.36	-3.13	5.42		8.00		Pass
HT20	MCS8	2	1	2412	-10.84	-9.53	-6.52	5.42		8.00		Pass
HT20	MCS8	2	6	2437	-5.28	-4.85	-1.84	5.42		8.00		Pass
HT20	MCS8	2	11	2462	-6.31	-9.33	-3.30	5.42		8.00		Pass
HT40	MCS8	2	3	2422	-15.97	-18.00	-12.96	5.42		8.00		Pass
HT40	MCS8	2	6	2437	-10.97	-12.30	-7.96	5.42		8.00		Pass
HT40	MCS8	2	9	2452	-10.72	-12.91	-7.71	5.42		8.00		Pass

Measured power density (dBm) has offset with cable loss.