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.