

Report Number : FR672014-01C

Test Engineer:	Bill Kuo	Temperature:	21~25	°C
Test Date:	2016/07/05~2016/07/28	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		
HT20	MCS0	2	1	2412	19.15	19.05	16.32	15.68	0.50	Pass
HT20	MCS0	2	6	2437	19.15	19.20	17.60	16.08	0.50	Pass
HT20	MCS0	2	11	2462	19.10	18.95	16.36	17.60	0.50	Pass
HT40	MCS0	2	3	2422	36.30	36.50	32.64	30.08	0.50	Pass
HT40	MCS0	2	6	2437	36.90	36.60	35.04	31.36	0.50	Pass
HT40	MCS0	2	9	2452	36.30	36.30	26.32	30.08	0.50	Pass
VHT20	MCS0	2	1	2412	19.15	18.65	17.64	17.56	0.50	Pass
VHT20	MCS0	2	6	2437	19.00	18.80	17.66	17.60	0.50	Pass
VHT20	MCS0	2	11	2462	18.55	18.50	17.32	17.20	0.50	Pass
VHT40	MCS0	2	3	2422	36.30	36.40	33.84	32.56	0.50	Pass
VHT40	MCS0	2	6	2437	36.90	36.50	35.44	33.84	0.50	Pass
VHT40	MCS0	2	9	2452	36.30	36.30	28.84	26.32	0.50	Pass

TEST RESULTS DATA
Average Output Power

2.4GHz Band																
Mod.	Data Rate	Ntx	CH.	Freq. (MHz)	Average 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	
HT20	MCS0	2	1	2412	15.10	15.10	18.11	30.00		5.16		23.27		36.00		Pass
HT20	MCS0	2	2	2417	17.50	17.70	20.61	30.00		5.16		25.77		36.00		Pass
HT20	MCS0	2	6	2437	17.60	17.60	20.61	30.00		5.16		25.77		36.00		Pass
HT20	MCS0	2	10	2457	17.60	17.50	20.56	30.00		5.16		25.77		36.00		Pass
HT20	MCS0	2	11	2462	16.10	16.00	19.06	30.00		5.16		24.22		36.00		Pass
HT40	MCS0	2	3	2422	15.60	15.80	18.71	30.00		5.16		23.87		36.00		Pass
HT40	MCS0	2	4	2427	16.90	16.80	19.86	30.00		5.16		24.22		36.00		Pass
HT40	MCS0	2	6	2437	17.60	17.30	20.46	30.00		5.16		25.63		36.00		Pass
HT40	MCS0	2	8	2447	14.30	14.50	17.41	30.00		5.16		25.02		36.00		Pass
HT40	MCS0	2	9	2452	15.00	15.70	18.37	30.00		5.16		23.54		36.00		Pass
VHT20	MCS0	2	1	2412	15.30	15.20	18.26	30.00		5.16		23.42		36.00		Pass
VHT20	MCS0	2	2	2417	17.60	17.90	20.76	30.00		5.16		23.54		36.00		Pass
VHT20	MCS0	2	6	2437	17.90	17.70	20.81	30.00		5.16		25.97		36.00		Pass
VHT20	MCS0	2	10	2457	17.80	17.60	20.71	30.00		5.16		25.92		36.00		Pass
VHT20	MCS0	2	11	2462	16.30	16.00	19.16	30.00		5.16		24.33		36.00		Pass
VHT40	MCS0	2	3	2422	15.80	15.70	18.76	30.00		5.16		23.92		36.00		Pass
VHT40	MCS0	2	4	2427	16.80	17.00	19.91	30.00		5.16		24.33		36.00		Pass
VHT40	MCS0	2	6	2437	17.70	17.30	20.51	30.00		5.16		25.68		36.00		Pass
VHT40	MCS0	2	8	2447	14.30	14.60	17.46	30.00		5.16		25.07		36.00		Pass
VHT40	MCS0	2	9	2452	15.20	15.80	18.52	30.00		5.16		23.68		36.00		Pass

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

TEST RESULTS DATA
Average Power Spectral Density

2.4GHz Band												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average PSD (dBm/3kHz)			DG (dBi)		Average PSD Limit (dBm/3kHz)		Pass/Fail
					Ant 1	Ant 2	Worse + 3.01	Ant 1	Ant 2	Ant 1	Ant 2	
HT20	MCS0	2	1	2412	-4.64	-4.71	-1.63	5.16		8.00		Pass
HT20	MCS0	2	6	2437	-2.85	-3.18	0.16	5.16		8.00		Pass
HT20	MCS0	2	11	2462	-4.31	-3.63	-0.62	5.16		8.00		Pass
HT40	MCS0	2	3	2422	-5.06	-4.05	-1.04	5.16		8.00		Pass
HT40	MCS0	2	6	2437	-2.88	-2.38	0.63	5.16		8.00		Pass
HT40	MCS0	2	9	2452	-5.40	-3.72	-0.71	5.16		8.00		Pass
VHT20	MCS0	2	1	2412	-6.06	-4.02	-1.01	5.16		8.00		Pass
VHT20	MCS0	2	6	2437	-0.37	-0.81	2.64	5.16		8.00		Pass
VHT20	MCS0	2	11	2462	-4.67	-3.59	-0.58	5.16		8.00		Pass
VHT40	MCS0	2	3	2422	-4.11	-4.15	-1.10	5.16		8.00		Pass
VHT40	MCS0	2	6	2437	-2.20	-1.02	1.99	5.16		8.00		Pass
VHT40	MCS0	2	9	2452	-4.88	-0.33	2.68	5.16		8.00		Pass

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