Report Number : FR5O0602A

Test Engineer:	Luffy Lin	Temperature:	21~25	°C
Test Date:	2015/11/09 ~ 2015/11/18	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)			
					Ant 1	Ant 2	Ant 3	Ant 4
11b	1Mbps	4	1	2412	11.75	11.70	11.75	13.70
11b	1Mbps	4	6	2437	12.05	11.90	11.70	13.70
11b	1Mbps	4	11	2462	11.75	11.75	11.75	13.70
11g	6Mbps	4	1	2412	16.75	16.70	16.75	16.65
11g	6Mbps	4	6	2437	16.90	16.85	16.80	16.70
11g	6Mbps	4	11	2462	16.75	16.75	16.70	16.60
HT20	MCS0	4	1	2412	16.33	17.11	17.74	17.60
HT20	MCS0	4	6	2437	17.97	17.84	18.24	17.65
HT20	MCS0	4	11	2462	16.38	17.55	18.15	17.65
HT40	MCS0	4	3	2422	36.00	35.90	35.90	35.90
HT40	MCS0	4	6	2437	36.10	35.90	35.90	36.20
HT40	MCS0	4	9	2452	36.10	35.90	36.00	36.00

2.4GHz Band										
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	6dB BW (MHz)				6dB BW Limit (MHz)	Pass/Fail
					Ant 1	Ant 2	Ant 3	Ant 4		
11b	1Mbps	4	1	2412	6.56	7.08	7.04	10.04	0.50	Pass
11b	1Mbps	4	6	2437	7.08	7.08	7.08	10.04	0.50	Pass
11b	1Mbps	4	11	2462	7.04	7.04	7.08	10.04	0.50	Pass
11g	6Mbps	4	1	2412	15.12	15.28	15.32	15.12	0.50	Pass
11g	6Mbps	4	6	2437	15.36	15.08	15.36	15.08	0.50	Pass
11g	6Mbps	4	11	2462	15.36	15.12	15.32	15.12	0.50	Pass
HT20	MCS0	4	1	2412	15.12	15.12	15.44	15.12	0.50	Pass
HT20	MCS0	4	6	2437	15.68	15.16	15.16	15.08	0.50	Pass
HT20	MCS0	4	11	2462	15.12	15.16	15.12	15.16	0.50	Pass
HT40	MCS0	4	3	2422	32.64	26.40	31.28	33.92	0.50	Pass
HT40	MCS0	4	6	2437	32.64	26.40	32.64	32.72	0.50	Pass
HT40	MCS0	4	9	2452	33.84	32.56	35.04	33.92	0.50	Pass

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TEST RESULTS DATA
Average Output Power

2.4GHz Band																
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)				Average Conducted Power (dBm)					DG (dBi)	Cond. Power Limit (dBm)	Pass /Fail
					Ant 1	Ant 2	Ant 3	Ant 4	Ant 1	Ant 2	Ant 3	Ant 4	SUM			
11b	1Mbps	4	1	2412	0.00	0.00	0.00	0.00	24.38	24.08	24.12	8.92	29.01	3.00	30	Pass
11b	1Mbps	4	6	2437	0.00	0.00	0.00	0.00	24.75	24.61	23.93	9.31	29.26	3.00	30	Pass
11b	1Mbps	4	11	2462	0.00	0.00	0.00	0.00	23.80	23.78	23.86	9.78	28.64	3.00	30	Pass
11g	6Mbps	4	1	2412	0.05	0.05	0.07	0.05	20.39	20.07	20.18	14.50	25.36	3.00	30	Pass
11g	6Mbps	4	6	2437	0.05	0.05	0.07	0.05	21.73	21.32	21.31	16.48	26.67	3.00	30	Pass
11g	6Mbps	4	11	2462	0.05	0.05	0.07	0.05	20.39	20.18	20.43	16.07	25.62	3.00	30	Pass
HT20	MCS0	4	1	2412	0.08	0.08	0.08	0.05	20.34	20.17	20.12	13.77	25.30	3.00	30	Pass
HT20	MCS0	4	6	2437	0.08	0.08	0.08	0.05	21.44	21.15	21.05	16.21	26.42	3.00	30	Pass
HT20	MCS0	4	11	2462	0.08	0.08	0.08	0.05	19.73	19.52	19.57	15.70	24.93	3.00	30	Pass
HT40	MCS0	4	3	2422	0.08	0.08	0.07	0.08	20.11	19.80	19.95	10.42	24.88	3.00	30	Pass
HT40	MCS0	4	6	2437	0.08	0.08	0.07	0.08	19.82	19.64	19.74	14.92	24.96	3.00	30	Pass
HT40	MCS0	4	9	2452	0.08	0.08	0.07	0.08	19.87	19.76	19.59	15.12	24.99	3.00	30	Pass

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

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TEST RESULTS DATA
Average Power Spectral Density

2.4GHz Band												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average PSD (dBm/3kHz)					DG (dBi)	Peak PSD Limit (dBm/3kHz)	Pass/Fail
					Ant 1	Ant 2	Ant 3	Ant 4	Worse + 6.02			
11b	1Mbps	4	1	2412	-2.04	-2.23	-1.93	-19.92	4.09	9.02	4.98	Pass
11b	1Mbps	4	6	2437	-1.70	-2.10	-2.91	-19.38	4.32	9.02	4.98	Pass
11b	1Mbps	4	11	2462	-2.61	-2.52	-2.02	-18.94	4.00	9.02	4.98	Pass
11g	6Mbps	4	1	2412	-9.39	-11.46	-11.36	-17.53	-3.37	9.02	4.98	Pass
11g	6Mbps	4	6	2437	-9.87	-9.66	-9.70	-14.78	-3.64	9.02	4.98	Pass
11g	6Mbps	4	11	2462	-10.96	-10.53	-10.42	-15.38	-4.40	9.02	4.98	Pass
HT20	MCS0	4	1	2412	-12.11	-11.74	-11.94	-17.97	-5.72	9.02	4.98	Pass
HT20	MCS0	4	6	2437	-11.33	-10.79	-11.15	-15.51	-4.77	9.02	4.98	Pass
HT20	MCS0	4	11	2462	-12.53	-12.02	-10.93	-16.05	-4.91	9.02	4.98	Pass
HT40	MCS0	4	3	2422	-15.30	-14.12	-15.40	-25.71	-8.10	9.02	4.98	Pass
HT40	MCS0	4	6	2437	-15.16	-14.50	-15.56	-20.88	-8.48	9.02	4.98	Pass
HT40	MCS0	4	9	2452	-15.13	-15.67	-15.22	-20.45	-9.11	9.02	4.98	Pass

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