Report Number : FR661812F

Test Engineer:	AC Chang	Temperature:	21~25	°C
Test Date:	2016/7/2~7/4	Relative Humidity:	51~54	%

TEST RESULTS DATA
6dB and 26dB EBW and 99% OBW

Band IV													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26dB Bandwidth (MHz)		6 dB Bandwidth (MHz)		6 dB Bandwidth Min. Limit (MHz)		Pass/Fail
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	2	149	5745	18.15	17.55	36.65	33.60	15.12	15.10	0.5		Pass
11a	6Mbps	2	157	5785	18.10	17.60	35.50	33.40	15.12	15.10	0.5		Pass
11a	6Mbps	2	165	5825	18.85	17.65	38.00	33.70	15.10	15.10	0.5		Pass
HT20	MCS0	2	149	5745	19.05	18.50	37.55	33.70	15.10	15.12	0.5		Pass
HT20	MCS0	2	157	5785	18.90	18.50	38.00	33.80	15.12	15.10	0.5		Pass
HT20	MCS0	2	165	5825	19.30	18.55	40.75	35.00	15.10	15.10	0.5		Pass
HT40	MCS0	2	151	5755	36.70	36.60	66.24	60.75	35.04	35.08	0.5		Pass
HT40	MCS0	2	159	5795	37.10	36.50	69.66	62.82	35.08	35.04	0.5		Pass
VHT20	MCS0	2	149	5745	18.85	18.45	38.10	32.65	15.12	15.10	0.5		Pass
VHT20	MCS0	2	157	5785	18.85	18.40	35.40	34.50	15.10	15.12	0.5		Pass
VHT20	MCS0	2	165	5825	19.25	18.50	40.50	35.10	15.10	15.10	0.5		Pass
VHT40	MCS0	2	151	5755	36.70	36.60	67.23	55.35	36.08	35.08	0.5		Pass
VHT40	MCS0	2	159	5795	36.90	36.50	70.92	60.57	35.04	35.08	0.5		Pass
VHT80	MCS0	2	155	5775	76.20	75.96	155.84	140.80	72.48	72.48	0.5		Pass

Report Number : FR661812F

TEST RESULTS DATA
Average Power Table

Band IV															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)			Pass/Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	149	5745	0.22	0.22	19.43	17.98		30.00	30.00	4.61	4.72		Pass
11a	6Mbps	1	157	5785	0.22	0.22	19.27	17.87		30.00	30.00	4.61	4.72		Pass
11a	6Mbps	1	165	5825	0.22	0.22	19.11	17.81		30.00	30.00	4.61	4.72		Pass
HT20	MCS0	1	149	5745	0.22	0.24	18.97	17.73		30.00	30.00	4.61	4.72		Pass
HT20	MCS0	1	157	5785	0.22	0.24	18.98	17.63		30.00	30.00	4.61	4.72		Pass
HT20	MCS0	1	165	5825	0.22	0.24	19.01	17.66		30.00	30.00	4.61	4.72		Pass
HT40	MCS0	1	151	5755	0.44	0.43	18.57	17.21		30.00	30.00	4.61	4.72		Pass
HT40	MCS0	1	159	5795	0.44	0.43	18.45	17.10		30.00	30.00	4.61	4.72		Pass
VHT20	MCS0	1	149	5745	0.22	0.24	19.07	17.64		30.00	30.00	4.61	4.72		Pass
VHT20	MCS0	1	157	5785	0.22	0.24	18.99	17.62		30.00	30.00	4.61	4.72		Pass
VHT20	MCS0	1	165	5825	0.22	0.24	18.87	17.54		30.00	30.00	4.61	4.72		Pass
VHT40	MCS0	1	151	5755	0.43	0.43	18.58	17.22		30.00	30.00	4.61	4.72		Pass
VHT40	MCS0	1	159	5795	0.43	0.43	18.38	17.12		30.00	30.00	4.61	4.72		Pass
VHT80	MCS0	1	155	5775	0.62	0.62	19.02	17.68		30.00	30.00	4.61	4.72		Pass
11a	6Mbps	2	149	5745	0.20	0.20	19.35	18.08	21.78	30.00		4.72			Pass
11a	6Mbps	2	157	5785	0.20	0.20	19.36	18.02	21.76	30.00		4.72			Pass
11a	6Mbps	2	165	5825	0.20	0.20	19.19	17.98	21.64	30.00		4.72			Pass
HT20	MCS0	2	149	5745	0.22	0.22	19.16	17.82	21.55	30.00		4.72			Pass
HT20	MCS0	2	157	5785	0.22	0.22	19.15	17.74	21.51	30.00		4.72			Pass
HT20	MCS0	2	165	5825	0.22	0.22	19.14	17.78	21.52	30.00		4.72			Pass
HT40	MCS0	2	151	5755	0.43	0.43	18.72	17.34	21.10	30.00		4.72			Pass
HT40	MCS0	2	159	5795	0.43	0.43	18.54	17.26	20.96	30.00		4.72			Pass
VHT20	MCS0	2	149	5745	0.22	0.20	19.22	17.69	21.53	30.00		4.72			Pass
VHT20	MCS0	2	157	5785	0.22	0.20	19.12	17.70	21.48	30.00		4.72			Pass
VHT20	MCS0	2	165	5825	0.22	0.20	19.02	17.66	21.40	30.00		4.72			Pass
VHT40	MCS0	2	151	5755	0.39	0.39	18.65	17.29	21.03	30.00		4.72			Pass
VHT40	MCS0	2	159	5795	0.39	0.39	18.51	17.27	20.94	30.00		4.72			Pass
VHT80	MCS0	2	155	5775	0.62	0.64	19.16	17.85	21.57	30.00		4.72			Pass

Report Number : FR661812F

TEST RESULTS DATA
Power Spectral Density

Band IV																
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		10log (500kHz /RBW) Factor (dB)		Average Power Density (dBm/500kHz)			Average PSD Limit (dBm/500kHz)		DG (dBi)		Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	2	149	5745	0.20	0.20	2.22				9.22	28.32		7.68		Pass
11a	6Mbps	2	157	5785	0.20	0.20	2.22				9.08	28.32		7.68		Pass
11a	6Mbps	2	165	5825	0.20	0.20	2.22				9.23	28.32		7.68		Pass
HT20	MCS0	2	149	5745	0.22	0.22	2.22				8.80	28.32		7.68		Pass
HT20	MCS0	2	157	5785	0.22	0.22	2.22				8.51	28.32		7.68		Pass
HT20	MCS0	2	165	5825	0.22	0.22	2.22				8.80	28.32		7.68		Pass
HT40	MCS0	2	151	5755	0.43	0.43	2.22				5.14	28.32		7.68		Pass
HT40	MCS0	2	159	5795	0.43	0.43	2.22				5.12	28.32		7.68		Pass
VHT20	MCS0	2	149	5745	0.22	0.20	2.22				8.84	28.32		7.68		Pass
VHT20	MCS0	2	157	5785	0.22	0.20	2.22				8.57	28.32		7.68		Pass
VHT20	MCS0	2	165	5825	0.22	0.20	2.22				8.77	28.32		7.68		Pass
VHT40	MCS0	2	151	5755	0.39	0.39	2.22				5.00	28.32		7.68		Pass
VHT40	MCS0	2	159	5795	0.39	0.39	2.22				5.25	28.32		7.68		Pass
VHT80	MCS0	2	155	5775	0.62	0.64	2.22				2.88	28.32		7.68		Pass

TEST RESULTS DATA
Frequency Stability

Band IV										
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Center Frequency (MHz)	Frequency Deviation (MHz)	Frequency Stablility (ppm)	Temperature (°C)	Voltage (V)	Note
11a	6Mbps	1	149	5745	5745.050	0.050	8.70	20	3.5	
11a	6Mbps	1	149	5745	5745.050	0.050	8.70	20	4.2	
11a	6Mbps	1	149	5745	5745.050	0.050	8.70	20	3.7	
11a	6Mbps	1	149	5745	5744.975	-0.025	-4.35	-30	3.7	
11a	6Mbps	1	149	5745	5745.050	0.050	8.70	50	3.7	