

Report Number : FR573017F

Test Engineer:	Bill Kuo/Derek Hsu	Temperature:	21~25	°C
Test Date:	2015/07/30~2015/10/08	Relative Humidity:	51~54	%

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

Band IV									
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)	26 dB Bandwidth (MHz)	6 dB Bandwidth (MHz)	6dB Bandwidth min. Limit (MHz)	Pass/Fail
11a	6Mbps	1	149	5745	18.05	23.4	16.36	0.5	Pass
11a	6Mbps	1	157	5785	18.7	23.95	16.4	0.5	Pass
11a	6Mbps	1	165	5825	18.2	23.2	16.4	0.5	Pass
HT20	MCS0	1	149	5745	18.8	23.8	17.6	0.5	Pass
HT20	MCS0	1	157	5785	19.3	23.9	17.6	0.5	Pass
HT20	MCS0	1	165	5825	19.1	23.7	17.6	0.5	Pass
HT40	MCS0	1	151	5755	36.5	44.1	35.36	0.5	Pass
HT40	MCS0	1	159	5795	36.5	44.73	35.12	0.5	Pass

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
11a	6M bps	1	149	5745	0.04	16.16	30.00	4.71		Pass
11a	6Mbps	1	157	5785	0.04	18.95	30.00	4.71		Pass
11a	6Mbps	1	165	5825	0.04	17.66	30.00	4.71		Pass
HT20	MCS 0	1	149	5745	0.04	16.29	30.00	4.71		Pass
HT20	MCS 0	1	157	5785	0.04	17.88	30.00	4.71		Pass
HT20	MCS 0	1	165	5825	0.04	17.66	30.00	4.71		Pass
HT40	MCS 0	1	151	5755	0.05	14.61	30.00	4.71		Pass
HT40	MCS 0	1	159	5795	0.05	14.59	30.00	4.71		Pass

TEST RESULTS DATA
Power Spectral Density

Band IV										
Mod.	Data Rate	N _{TX}	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
11a	6M bps	1	149	5745	0.04	2.22	2.35	30.00	4.71	Pass
11a	6Mbps	1	157	5785	0.04	2.22	5.16	30.00	4.71	Pass
11a	6Mbps	1	165	5825	0.04	2.22	4.00	30.00	4.71	Pass
HT20	MCS 0	1	149	5745	0.04	2.22	1.97	30.00	4.71	Pass
HT20	MCS 0	1	157	5785	0.04	2.22	3.92	30.00	4.71	Pass
HT20	MCS 0	1	165	5825	0.04	2.22	3.87	30.00	4.71	Pass
HT40	MCS 0	1	151	5755	0.05	2.22	-2.18	30.00	4.71	Pass
HT40	MCS 0	1	159	5795	0.05	2.22	-2.06	30.00	4.71	Pass

TEST RESULTS DATA
Frequency Stability

Band IV										
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Center Frequency (MHz)	Frequency Deviation (MHz)	Frequency Stability (ppm)	Temperature (°C)	Voltage (V)	Note
11a	6M bps	1	149	5745	5744.950	-0.050	-8.70	20	3.2	
11a	6M bps	1	149	5745	5744.950	-0.050	-8.70	20	4.2	
11a	6M bps	1	149	5745	5745.000	0.000	0.00	20	3.7	
11a	6M bps	1	149	5745	5745.000	0.000	0.00	-30	3.7	
11a	6M bps	1	149	5745	5744.950	-0.050	-8.70	50	3.7	