

Report Number : FR4O0836E

Test Engineer:	Derek Hsu	Temperature:	21~25	°C
Test Date:	2014/12/13	Relative Humidity:	51~54	%

TEST RESULTS DATA
6dB and 99% OBW

Band IV							
Mod.	Data Rate	N _{TX}	Channe	Freq. (MHz)	6 dB Bandwidth (MHz)	FCC 6dB Bandwidth Limit (MHz)	Pass/Fail
11a	6Mbps	1	149	5745	15.12	0.5	Pass
11a	6Mbps	1	157	5785	15.12	0.5	Pass
11a	6Mbps	1	165	5825	15.32	0.5	Pass
HT20	MCS0	1	149	5745	15.12	0.5	Pass
HT20	MCS0	1	157	5785	15.16	0.5	Pass
HT20	MCS0	1	165	5825	15.16	0.5	Pass
HT40	MCS0	1	151	5755	35.2	0.5	Pass
HT40	MCS0	1	159	5795	35.2	0.5	Pass

TEST RESULTS DATA
Average Power Table

FCC Band IV										
Mod.	Data Rate	N _{TX}	Channe	Freq. (MHz)	Duty Factor (dB)	Average Conducted Power (dBm)	FCC Conducted Power Limit (dBm)	DG (dBi)		Pass/Fail
11a	6Mbps	1	149	5745	0.30	12.72	30.00	-0.77		Pass
11a	6Mbps	1	157	5785	0.30	12.82	30.00	-0.77		Pass
11a	6Mbps	1	165	5825	0.30	12.71	30.00	-0.77		Pass
HT20	MCS0	1	149	5745	0.34	12.55	30.00	-0.77		Pass
HT20	MCS0	1	157	5785	0.34	12.85	30.00	-0.77		Pass
HT20	MCS0	1	165	5825	0.34	12.60	30.00	-0.77		Pass
HT40	MCS0	1	151	5755	0.63	11.19	30.00	-0.77		Pass
HT40	MCS0	1	159	5795	0.63	13.15	30.00	-0.77		Pass

TEST RESULTS DATA
Power Spectral Density

Band IV										
Mod.	Data Rate	N _{TX}	Channe	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	6Mbps	1	149	5745	0.30	2.22	-2.99	30.00	-0.77	Pass
11a	6Mbps	1	157	5785	0.30	2.22	-2.80	30.00	-0.77	Pass
11a	6Mbps	1	165	5825	0.30	2.22	-2.77	30.00	-0.77	Pass
HT20	MCS0	1	149	5745	0.34	2.22	-2.84	30.00	-0.77	Pass
HT20	MCS0	1	157	5785	0.34	2.22	-3.01	30.00	-0.77	Pass
HT20	MCS0	1	165	5825	0.34	2.22	-2.95	30.00	-0.77	Pass
HT40	MCS0	1	151	5755	0.63	2.22	-7.60	30.00	-0.77	Pass
HT40	MCS0	1	159	5795	0.63	2.22	-5.03	30.00	-0.77	Pass