

Test Engineer:	AC Chang	Temperature:	21~25	°C
Test Date:	2015/02/10~2015/03/12	Relative Humidity:	51~54	%

TEST RESULTS DATA
6dB and 99% OBW

Band IV							
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	6 dB Bandwidth (MHz)	FCC 6dB Bandwidth Limit (MHz)	Pass/Fail
11a	6Mbps	1	149	5745	16.36	0.5	Pass
11a	6Mbps	1	157	5785	16.36	0.5	Pass
11a	6Mbps	1	165	5825	16.36	0.5	Pass
HT20	MCS0	1	149	5745	17.56	0.5	Pass
HT20	MCS0	1	157	5785	17.56	0.5	Pass
HT20	MCS0	1	165	5825	17.56	0.5	Pass
HT40	MCS0	1	151	5755	35.12	0.5	Pass
HT40	MCS0	1	159	5795	35.6	0.5	Pass
VHT20	MCS0	1	149	5745	17.6	0.5	Pass
VHT20	MCS0	1	157	5785	17.6	0.5	Pass
VHT20	MCS0	1	165	5825	17.6	0.5	Pass
VHT40	MCS0	1	151	5755	35.2	0.5	Pass
VHT40	MCS0	1	159	5795	35.2	0.5	Pass
VHT80	MCS0	1	155	5775	75.2	0.5	Pass

TEST RESULTS DATA
Average Power Table

FCC Band IV										
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	Duty Factor (dB)	Average Conducted Power (dBm)	FCC Conducted Power Limit (dBm)	DG (dBi)		Pass/Fail
11a	6Mbps	1	149	5745	0.59	11.55	30.00	-3.00		Pass
11a	6Mbps	1	157	5785	0.59	11.76	30.00	-3.00		Pass
11a	6Mbps	1	165	5825	0.59	11.62	30.00	-3.00		Pass
HT20	MCS0	1	149	5745	0.63	11.63	30.00	-3.00		Pass
HT20	MCS0	1	157	5785	0.63	11.64	30.00	-3.00		Pass
HT20	MCS0	1	165	5825	0.63	11.61	30.00	-3.00		Pass
HT40	MCS0	1	151	5755	1.18	11.86	30.00	-3.00		Pass
HT40	MCS0	1	159	5795	1.18	11.92	30.00	-3.00		Pass
VHT20	MCS0	1	149	5745	0.77	9.89	30.00	-3.00		Pass
VHT20	MCS0	1	157	5785	0.77	9.99	30.00	-3.00		Pass
VHT20	MCS0	1	165	5825	0.77	9.91	30.00	-3.00		Pass
VHT40	MCS0	1	151	5755	1.49	9.87	30.00	-3.00		Pass
VHT40	MCS0	1	159	5795	1.49	9.98	30.00	-3.00		Pass
VHT80	MCS0	1	155	5775	2.52	9.99	30.00	-3.00		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	6Mbps	1	149	5745	0.59	2.22	-3.26	30.00	-3.00	Pass
11a	6Mbps	1	157	5785	0.59	2.22	-3.19	30.00	-3.00	Pass
11a	6Mbps	1	165	5825	0.59	2.22	-3.04	30.00	-3.00	Pass
HT20	MCS0	1	149	5745	0.63	2.22	-3.65	30.00	-3.00	Pass
HT20	MCS0	1	157	5785	0.63	2.22	-3.28	30.00	-3.00	Pass
HT20	MCS0	1	165	5825	0.63	2.22	-3.25	30.00	-3.00	Pass
HT40	MCS0	1	151	5755	1.18	2.22	-6.23	30.00	-3.00	Pass
HT40	MCS0	1	159	5795	1.18	2.22	-5.64	30.00	-3.00	Pass
VHT20	MCS0	1	149	5745	0.77	2.22	-4.20	30.00	-3.00	Pass
VHT20	MCS0	1	157	5785	0.77	2.22	-3.99	30.00	-3.00	Pass
VHT20	MCS0	1	165	5825	0.77	2.22	-3.94	30.00	-3.00	Pass
VHT40	MCS0	1	151	5755	1.49	2.22	-6.76	30.00	-3.00	Pass
VHT40	MCS0	1	159	5795	1.49	2.22	-6.52	30.00	-3.00	Pass
VHT80	MCS0	1	155	5775	2.52	2.22	-5.02	30.00	-3.00	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	6Mbps	1	149	5745	5745.025	0.025	4.35	20	3.2	
11a	6Mbps	1	149	5745	5745.025	0.025	4.35	20	4.2	
11a	6Mbps	1	149	5745	5745.025	0.025	4.35	20	3.7	
11a	6Mbps	1	149	5745	5745.025	0.025	4.35	-30	3.7	
11a	6Mbps	1	149	5745	5745.000	0.000	0.00	60	3.7	