

Test Engineer:	Bill Kuo	Temperature:	21~25	°C
Test Date:	2015/2/11	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	17.6	0.5	Pass
HT20	MCS0	1	157	5785	17.6	0.5	Pass
HT20	MCS0	1	165	5825	17.6	0.5	Pass
HT40	MCS0	1	151	5755	36.32	0.5	Pass
HT40	MCS0	1	159	5795	36.4	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	36.4	0.5	Pass
VHT40	MCS0	1	159	5795	36.4	0.5	Pass
VHT80	MCS0	1	155	5775	76.16	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	0.32	11.95	30.00	1.80		Pass
11a	6Mbps	1	157	5785	0.32	11.99	30.00	1.80		Pass
11a	6Mbps	1	165	5825	0.32	11.90	30.00	1.80		Pass
HT20	MCS0	1	149	5745	0.31	9.58	30.00	1.80		Pass
HT20	MCS0	1	157	5785	0.31	9.46	30.00	1.80		Pass
HT20	MCS0	1	165	5825	0.31	9.66	30.00	1.80		Pass
HT40	MCS0	1	151	5755	0.60	9.97	30.00	1.80		Pass
HT40	MCS0	1	159	5795	0.60	9.93	30.00	1.80		Pass
VHT20	MCS0	1	149	5745	0.31	9.50	30.00	1.80		Pass
VHT20	MCS0	1	157	5785	0.31	9.37	30.00	1.80		Pass
VHT20	MCS0	1	165	5825	0.31	9.65	30.00	1.80		Pass
VHT40	MCS0	1	151	5755	0.60	9.91	30.00	1.80		Pass
VHT40	MCS0	1	159	5795	0.60	9.44	30.00	1.80		Pass
VHT80	MCS0	1	155	5775	1.18	9.93	30.00	1.80		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	0.32	2.22	-2.66	30.00	1.80	Pass
11a	6Mbps	1	157	5785	0.32	2.22	-2.77	30.00	1.80	Pass
11a	6Mbps	1	165	5825	0.32	2.22	-2.59	30.00	1.80	Pass
HT20	MCS0	1	149	5745	0.31	2.22	-4.94	30.00	1.80	Pass
HT20	MCS0	1	157	5785	0.31	2.22	-5.06	30.00	1.80	Pass
HT20	MCS0	1	165	5825	0.31	2.22	-5.05	30.00	1.80	Pass
HT40	MCS0	1	151	5755	0.60	2.22	-8.10	30.00	1.80	Pass
HT40	MCS0	1	159	5795	0.60	2.22	-7.77	30.00	1.80	Pass
VHT20	MCS0	1	149	5745	0.31	2.22	-5.23	30.00	1.80	Pass
VHT20	MCS0	1	157	5785	0.31	2.22	-5.21	30.00	1.80	Pass
VHT20	MCS0	1	165	5825	0.31	2.22	-4.98	30.00	1.80	Pass
VHT40	MCS0	1	151	5755	0.60	2.22	-8.16	30.00	1.80	Pass
VHT40	MCS0	1	159	5795	0.60	2.22	-8.90	30.00	1.80	Pass
VHT80	MCS0	1	155	5775	1.18	2.22	-5.49	30.00	1.80	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	5745.000	0.000	0.00	20	3.6	
11a	6Mbps	1	149	5745	5745.000	0.000	0.00	20	4.35	
11a	6Mbps	1	149	5745	5745.000	0.000	0.00	20	3.8	
11a	6Mbps	1	149	5745	5745.000	0.000	0.00	-30	3.8	
11a	6Mbps	1	149	5745	5745.000	0.000	0.00	50	3.8	