

Test Engineer:	Bill Kuo and Derek Hsu	Temperature:	22 ~ 23	°C
Test Date:	2015/08/05 ~ 2015/10/08	Relative Humidity:	51 ~ 52	%

TEST RESULTS DATA
6dB and 26dB EBW 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	6M bps	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	MCS 0	1	149	5745	18.8	23.8	17.6	0.5	Pass
HT20	MCS 0	1	157	5785	19.3	23.9	17.6	0.5	Pass
HT20	MCS 0	1	165	5825	19.1	23.7	17.6	0.5	Pass
HT40	MCS 0	1	151	5755	36.5	44.1	35.36	0.5	Pass
HT40	MCS 0	1	159	5795	36.5	44.73	35.12	0.5	Pass

TEST RESULTS DATA
Average Power Table

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	6M bps	1	149	5745	0.05	15.69	30.00	5.30		Pass
11a	6Mbps	1	157	5785	0.05	18.46	30.00	5.30		Pass
11a	6Mbps	1	165	5825	0.05	17.18	30.00	5.30		Pass
HT20	MCS 0	1	149	5745	0.06	15.85	30.00	5.30		Pass
HT20	MCS 0	1	157	5785	0.06	17.19	30.00	5.30		Pass
HT20	MCS 0	1	165	5825	0.06	17.25	30.00	5.30		Pass
HT40	MCS 0	1	151	5755	0.05	14.17	30.00	5.30		Pass
HT40	MCS 0	1	159	5795	0.05	14.11	30.00	5.30		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	0.05	2.22	2.36	30.00	5.30	Pass
11a	6Mbps	1	157	5785	0.05	2.22	5.17	30.00	5.30	Pass
11a	6Mbps	1	165	5825	0.05	2.22	4.01	30.00	5.30	Pass
HT20	MCS 0	1	149	5745	0.06	2.22	1.99	30.00	5.30	Pass
HT20	MCS 0	1	157	5785	0.06	2.22	3.94	30.00	5.30	Pass
HT20	MCS 0	1	165	5825	0.06	2.22	3.89	30.00	5.30	Pass
HT40	MCS 0	1	151	5755	0.05	2.22	-2.18	30.00	5.30	Pass
HT40	MCS 0	1	159	5795	0.05	2.22	-2.06	30.00	5.30	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	3.3	
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	