

Test Engineer:	AC Chang	Temperature:	21~25	°C
Test Date:	2015/12/11	Relative Humidity:	51~54	%

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

Band IV									
Mod.	Data Rate	N _{TX}	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	16.9	20.7	15.32	0.5	Pass
11a	6Mbps	1	157	5785	16.85	20.6	15.48	0.5	Pass
11a	6Mbps	1	165	5825	16.85	20.9	15.54	0.5	Pass
HT20	MCS 0	1	149	5745	17.85	21.8	15.5	0.5	Pass
HT20	MCS 0	1	157	5785	17.85	21.7	15.12	0.5	Pass
HT20	MCS 0	1	165	5825	17.85	21.9	15.1	0.5	Pass
HT40	MCS 0	1	151	5755	36.2	43.65	35.12	0.5	Pass
HT40	MCS 0	1	159	5795	36.2	41.58	35.12	0.5	Pass
VHT20	MCS 0	1	149	5745	17.85	22.25	15.12	0.5	Pass
VHT20	MCS 0	1	157	5785	17.85	21.6	15.12	0.5	Pass
VHT20	MCS 0	1	165	5825	17.9	21.8	15.4	0.5	Pass
VHT40	MCS 0	1	151	5755	36.1	41.76	34.96	0.5	Pass
VHT40	MCS 0	1	159	5795	36.1	43.2	35.08	0.5	Pass
VHT80	MCS 0	1	155	5775	75.12	85.12	72.64	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	0.12	13.26	30.00	-0.40		Pass
11a	6Mbps	1	157	5785	0.12	13.14	30.00	-0.40		Pass
11a	6Mbps	1	165	5825	0.12	13.12	30.00	-0.40		Pass
HT20	MCS 0	1	149	5745	0.13	13.16	30.00	-0.40		Pass
HT20	MCS 0	1	157	5785	0.13	12.91	30.00	-0.40		Pass
HT20	MCS 0	1	165	5825	0.13	12.85	30.00	-0.40		Pass
HT40	MCS 0	1	151	5755	0.27	13.64	30.00	-0.40		Pass
HT40	MCS 0	1	159	5795	0.27	13.49	30.00	-0.40		Pass
VHT20	MCS 0	1	149	5745	0.13	11.25	30.00	-0.40		Pass
VHT20	MCS 0	1	157	5785	0.13	11.07	30.00	-0.40		Pass
VHT20	MCS 0	1	165	5825	0.13	10.91	30.00	-0.40		Pass
VHT40	MCS 0	1	151	5755	0.27	10.87	30.00	-0.40		Pass
VHT40	MCS 0	1	159	5795	0.27	10.84	30.00	-0.40		Pass
VHT80	MCS 0	1	155	5775	0.53	11.63	30.00	-0.40		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	0.12	2.22	-2.12	30.00	-0.40	Pass
11a	6Mbps	1	157	5785	0.12	2.22	-3.05	30.00	-0.40	Pass
11a	6Mbps	1	165	5825	0.12	2.22	-2.86	30.00	-0.40	Pass
HT20	MCS 0	1	149	5745	0.13	2.22	-3.65	30.00	-0.40	Pass
HT20	MCS 0	1	157	5785	0.13	2.22	-3.55	30.00	-0.40	Pass
HT20	MCS 0	1	165	5825	0.13	2.22	-3.31	30.00	-0.40	Pass
HT40	MCS 0	1	151	5755	0.27	2.22	-6.26	30.00	-0.40	Pass
HT40	MCS 0	1	159	5795	0.27	2.22	-6.26	30.00	-0.40	Pass
VHT20	MCS 0	1	149	5745	0.13	2.22	-6.34	30.00	-0.40	Pass
VHT20	MCS 0	1	157	5785	0.13	2.22	-5.81	30.00	-0.40	Pass
VHT20	MCS 0	1	165	5825	0.13	2.22	-5.18	30.00	-0.40	Pass
VHT40	MCS 0	1	151	5755	0.27	2.22	-8.97	30.00	-0.40	Pass
VHT40	MCS 0	1	159	5795	0.27	2.22	-9.08	30.00	-0.40	Pass
VHT80	MCS 0	1	155	5775	0.53	2.22	-10.97	30.00	-0.40	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	5744.975	-0.025	-4.35	20	3.5	
11a	6M bps	1	149	5745	5744.975	-0.025	-4.35	20	4.2	
11a	6M bps	1	149	5745	5745.000	0.000	0.00	20	3.8	
11a	6M bps	1	149	5745	5745.000	0.000	0.00	-20	3.8	
11a	6M bps	1	149	5745	5745.000	0.000	0.00	50	3.8	