

Test Engineer:	Aking Chang	Temperature:	21~25	°C
Test Date:	201610/03 ~ 2016/10/13	Relative Humidity:	51~54	%

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	17.05	20.5	15.12	0.5	Pass
11a	6Mbps	1	157	5785	17	20.4	15.44	0.5	Pass
11a	6Mbps	1	165	5825	17.1	20.7	15.12	0.5	Pass
HT20	MCS 0	1	149	5745	17.95	21	15.08	0.5	Pass
HT20	MCS 0	1	157	5785	18	21	16.04	0.5	Pass
HT20	MCS 0	1	165	5825	18	21.2	15.1	0.5	Pass
HT40	MCS 0	1	151	5755	36.2	40.68	35.12	0.5	Pass
HT40	MCS 0	1	159	5795	36.2	40.5	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	0.29	7.45	30.00	3.84		Pass
11a	6Mbps	1	157	5785	0.29	7.84	30.00	3.84		Pass
11a	6Mbps	1	165	5825	0.29	7.97	30.00	3.84		Pass
HT20	MCS 0	1	149	5745	0.34	7.37	30.00	3.84		Pass
HT20	MCS 0	1	157	5785	0.34	7.74	30.00	3.84		Pass
HT20	MCS 0	1	165	5825	0.34	7.98	30.00	3.84		Pass
HT40	MCS 0	1	151	5755	0.42	7.81	30.00	3.84		Pass
HT40	MCS 0	1	159	5795	0.42	7.95	30.00	3.84		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	0.29	2.22	-5.06	30.00	3.84	Pass
11a	6Mbps	1	157	5785	0.29	2.22	-4.95	30.00	3.84	Pass
11a	6Mbps	1	165	5825	0.29	2.22	-4.94	30.00	3.84	Pass
HT20	MCS 0	1	149	5745	0.34	2.22	-5.72	30.00	3.84	Pass
HT20	MCS 0	1	157	5785	0.34	2.22	-5.60	30.00	3.84	Pass
HT20	MCS 0	1	165	5825	0.34	2.22	-5.53	30.00	3.84	Pass
HT40	MCS 0	1	151	5755	0.42	2.22	-8.09	30.00	3.84	Pass
HT40	MCS 0	1	159	5795	0.42	2.22	-7.74	30.00	3.84	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	5745.000	0.000	0.00	50	3.7	
11a	6M bps	1	149	5745	5744.950	-0.050	-8.70	-30	3.7	
11a	6M bps	1	149	5745	5745.000	0.000	0.00	20	4.2	
11a	6M bps	1	149	5745	5745.000	0.000	0.00	20	3.3	
11a	6M bps	1	149	5745	5745.000	0.000	0.00	20	3.7	