

Test Engineer:	osolemio Chang	Temperature:	21~25	°C
Test Date:	205/02/13	Relative Humidity:	51~54	%

TEST RESULTS DATA
6dB and 99% OBW

Band IV							
Mod.	Data Rate	N _{TX}	Channe	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	36.36	0.5	Pass
HT40	MCS0	1	159	5795	36.32	0.5	Pass
VHT20	MCS0	1	149	5745	17.64	0.5	Pass
VHT20	MCS0	1	157	5785	17.64	0.5	Pass
VHT20	MCS0	1	165	5825	17.6	0.5	Pass
VHT40	MCS0	1	151	5755	36.32	0.5	Pass
VHT40	MCS0	1	159	5795	36.32	0.5	Pass
VHT80	MCS0	1	155	5775	75.84	0.5	Pass

TEST RESULTS DATA
Average Power Table

FCC Band IV										
Mod.	Data Rate	N _{TX}	Channe	Freq. (MHz)	Duty Factor (dB)	Average Conducted Power (dBm)	FCC Conducted Power Limit (dBm)	DG (dBi)		Pass/Fail
11a	6Mbps	1	149	5745	0.29	8.41	30.00	2.80		Pass
11a	6Mbps	1	157	5785	0.29	8.63	30.00	2.80		Pass
11a	6Mbps	1	165	5825	0.29	8.23	30.00	2.80		Pass
HT20	MCS0	1	149	5745	0.34	8.71	30.00	2.80		Pass
HT20	MCS0	1	157	5785	0.34	8.62	30.00	2.80		Pass
HT20	MCS0	1	165	5825	0.34	8.41	30.00	2.80		Pass
HT40	MCS0	1	151	5755	0.62	8.99	30.00	2.80		Pass
HT40	MCS0	1	159	5795	0.62	8.79	30.00	2.80		Pass
VHT20	MCS0	1	149	5745	0.34	8.59	30.00	2.80		Pass
VHT20	MCS0	1	157	5785	0.34	8.55	30.00	2.80		Pass
VHT20	MCS0	1	165	5825	0.34	8.32	30.00	2.80		Pass
VHT40	MCS0	1	151	5755	0.60	8.74	30.00	2.80		Pass
VHT40	MCS0	1	159	5795	0.60	8.70	30.00	2.80		Pass
VHT80	MCS0	1	155	5775	1.13	8.65	30.00	2.80		Pass

TEST RESULTS DATA
Power Spectral Density

Band IV										
Mod.	Data Rate	N _{TX}	Channe	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	0.29	2.22	-6.46	30.00	2.80	Pass
11a	6Mbps	1	157	5785	0.29	2.22	-5.81	30.00	2.80	Pass
11a	6Mbps	1	165	5825	0.29	2.22	-5.87	30.00	2.80	Pass
HT20	MCS0	1	149	5745	0.34	2.22	-5.71	30.00	2.80	Pass
HT20	MCS0	1	157	5785	0.34	2.22	-6.00	30.00	2.80	Pass
HT20	MCS0	1	165	5825	0.34	2.22	-6.31	30.00	2.80	Pass
HT40	MCS0	1	151	5755	0.62	2.22	-8.06	30.00	2.80	Pass
HT40	MCS0	1	159	5795	0.62	2.22	-8.48	30.00	2.80	Pass
VHT20	MCS0	1	149	5745	0.34	2.22	-5.56	30.00	2.80	Pass
VHT20	MCS0	1	157	5785	0.34	2.22	-5.48	30.00	2.80	Pass
VHT20	MCS0	1	165	5825	0.34	2.22	-5.41	30.00	2.80	Pass
VHT40	MCS0	1	151	5755	0.60	2.22	-8.05	30.00	2.80	Pass
VHT40	MCS0	1	159	5795	0.60	2.22	-7.63	30.00	2.80	Pass
VHT80	MCS0	1	155	5775	1.13	2.22	-5.62	30.00	2.80	Pass

TEST RESULTS DATA
Frequency Stability

Band IV										
Mod.	Data Rate	N _{TX}	Channe	Freq. (MHz)	Center Frequency (MHz)	Frequency Deviation (MHz)	Frequency Stability (ppm)	Temperature (°C)	Voltage (V)	Note
11a	6Mbps	1	149	5745	5745.050	0.050	8.70	20	3.5	
11a	6Mbps	1	149	5745	5745.075	0.075	13.05	20	4.35	
11a	6Mbps	1	149	5745	5745.050	0.050	8.70	20	3.8	
11a	6Mbps	1	149	5745	5745.100	0.100	17.41	-30	3.8	
11a	6Mbps	1	149	5745	5745.100	0.100	17.41	50	3.8	