

Report Number : FR521701E

Test Engineer:	AC Chang	Temperature:	21~25	°C
Test Date:	104/03/27	Relative Humidity:	51~54	%

**TEST RESULTS DATA**  
**6dB and 99% OBW**

Band IV							
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	6 dB Bandwidth (MHz)	FCC 6dB Bandwidth Limit (MHz)	Pass/Fail
11a	6M bps	1	149	5745	16.32	0.5	Pass
11a	6Mbps	1	157	5785	16.32	0.5	Pass
11a	6Mbps	1	165	5825	16.33	0.5	Pass
HT20	MCS 0	1	149	5745	17.6	0.5	Pass
HT20	MCS 0	1	157	5785	17.6	0.5	Pass
HT20	MCS 0	1	165	5825	17.6	0.5	Pass
HT40	MCS 0	1	151	5755	36.32	0.5	Pass
HT40	MCS 0	1	159	5795	36.32	0.5	Pass
VHT20	MCS 0	1	149	5745	17.6	0.5	Pass
VHT20	MCS 0	1	157	5785	17.6	0.5	Pass
VHT20	MCS 0	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	MCS 0	1	155	5775	75.84	0.5	Pass

**TEST RESULTS DATA**  
**Average Power Table**

FCC Band IV										
Mod.	Data Rate	NTX	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	0.32	12.42	30.00	1.88		Pass
11a	6Mbps	1	157	5785	0.32	16.43	30.00	1.88		Pass
11a	6Mbps	1	165	5825	0.32	15.51	30.00	1.88		Pass
HT20	MCS 0	1	149	5745	0.31	11.53	30.00	1.88		Pass
HT20	MCS 0	1	157	5785	0.31	15.20	30.00	1.88		Pass
HT20	MCS 0	1	165	5825	0.31	15.31	30.00	1.88		Pass
HT40	MCS 0	1	151	5755	0.62	9.25	30.00	1.88		Pass
HT40	MCS 0	1	159	5795	0.62	14.75	30.00	1.88		Pass
VHT20	MCS 0	1	149	5745	0.31	14.50	30.00	1.88		Pass
VHT20	MCS 0	1	157	5785	0.31	14.24	30.00	1.88		Pass
VHT20	MCS 0	1	165	5825	0.31	14.39	30.00	1.88		Pass
VHT40	MCS0	1	151	5755	0.61	14.50	30.00	1.88		Pass
VHT40	MCS0	1	159	5795	0.61	0.00	30.00	1.88		Pass
VHT80	MCS 0	1	155	5775	1.17	11.44	30.00	1.88		Pass

**TEST RESULTS DATA**  
**Power Spectral Density**

Band IV										
Mod.	Data Rate	N <sub>TX</sub>	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	0.32	2.22	-3.30	30.00	1.88	Pass
11a	6Mbps	1	157	5785	0.32	2.22	0.60	30.00	1.88	Pass
11a	6Mbps	1	165	5825	0.32	2.22	-1.07	30.00	1.88	Pass
HT20	MCS 0	1	149	5745	0.31	2.22	-4.44	30.00	1.88	Pass
HT20	MCS 0	1	157	5785	0.31	2.22	-0.49	30.00	1.88	Pass
HT20	MCS 0	1	165	5825	0.31	2.22	-1.30	30.00	1.88	Pass
HT40	MCS 0	1	151	5755	0.62	2.22	-9.40	30.00	1.88	Pass
HT40	MCS 0	1	159	5795	0.62	2.22	-4.42	30.00	1.88	Pass
VHT20	MCS 0	1	149	5745	0.31	2.22	-1.38	30.00	1.88	Pass
VHT20	MCS 0	1	157	5785	0.31	2.22	-1.66	30.00	1.88	Pass
VHT20	MCS 0	1	165	5825	0.31	2.22	-2.33	30.00	1.88	Pass
VHT40	MCS0	1	151	5755	0.61	2.22	-3.96	30.00	1.88	Pass
VHT40	MCS0	1	159	5795	0.61	2.22	-4.20	30.00	1.88	Pass
VHT80	MCS 0	1	155	5775	1.17	2.22	-5.05	30.00	1.88	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	20	48.6	
11a	6M bps	1	149	5745	5745.000	0.000	0.00	20	50.4	
11a	6M bps	1	149	5745	5745.000	0.000	0.00	20	48	
11a	6M bps	1	149	5745	5745.125	0.125	21.76	-30	48	
11a	6M bps	1	149	5745	5745.000	0.000	0.00	50	48	