

Report Number : FR573122

Test Engineer:	Derek Hsu	Temperature:	22.1~25	°C
Test Date:	2015/8/19	Relative Humidity:	52~55.2	%

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	15.76	0.5	Pass
11a	6Mbps	1	157	5785	15.64	0.5	Pass
11a	6Mbps	1	165	5825	15.72	0.5	Pass
HT20	MCS 0	1	149	5745	15.56	0.5	Pass
HT20	MCS 0	1	157	5785	16.28	0.5	Pass
HT20	MCS 0	1	165	5825	15.92	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	0.09	11.67	30.00	2.00		Pass
11a	6Mbps	1	157	5785	0.09	11.52	30.00	2.00		Pass
11a	6Mbps	1	165	5825	0.09	11.94	30.00	2.00		Pass
HT20	MCS 0	1	149	5745	0.13	11.56	30.00	2.00		Pass
HT20	MCS 0	1	157	5785	0.13	11.51	30.00	2.00		Pass
HT20	MCS 0	1	165	5825	0.13	11.99	30.00	2.00		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	0.09	2.22	-3.06	30.00	2.00	Pass
11a	6Mbps	1	157	5785	0.09	2.22	-3.30	30.00	2.00	Pass
11a	6Mbps	1	165	5825	0.09	2.22	-2.87	30.00	2.00	Pass
HT20	MCS 0	1	149	5745	0.13	2.22	-3.47	30.00	2.00	Pass
HT20	MCS 0	1	157	5785	0.13	2.22	-3.62	30.00	2.00	Pass
HT20	MCS 0	1	165	5825	0.13	2.22	-3.44	30.00	2.00	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	108	
11a	6M bps	1	149	5745	5745.000	0.000	0.00	20	132	
11a	6M bps	1	149	5745	5745.050	0.050	8.70	20	120	
11a	6M bps	1	149	5745	5745.050	0.050	8.70	-10	120	
11a	6M bps	1	149	5745	5744.950	-0.050	-8.70	55	120	