

TEST RESULTS DATA
26dB and 99% OBW
(Reporting only)

Test Engineer:	Bill Kuo	Temperature:	21~25	°C
Test Date:	2014/12/24~2014/12/25	Relative Humidity:	51~54	%

Band IV									
Mod.	Data Rate	N	Tx Channel	Freq. (MHz)	6 dB Bandwidth (MHz)		FCC 6 dB Bandwidth Min. Limit (MHz)		Pass/Fail
					Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	1	149	5745		15.52	0.5	0.5	Pass
11a	6Mbps	1	157	5785		15.56	0.5	0.5	Pass
11a	6Mbps	1	165	5825		15.80	0.5	0.5	Pass
HT20	MCS8	2	149	5745	15.76	16.32	0.5		Pass
HT20	MCS8	2	157	5785	15.72	16.28	0.5		Pass
HT20	MCS8	2	165	5825	15.84	16.32	0.5		Pass
HT40	MCS8	2	151	5755	36.40	36.40	0.5		Pass
HT40	MCS8	2	159	5795	36.32	36.32	0.5		Pass

TEST RESULTS DATA
Average Power Table

Test Engineer:	Bill Kuo	Temperature:	21~25	°C
Test Date:	2014/12/24~2014/12/25	Relative Humidity:	51~54	%

FCC Band IV														
Mod.	Data Rate	N	Tx Channel	Freq. (MHz)	Duty Factor (dB)		Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		Pass/Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	1	149	5745	0.59	0.59	12.80	13.38	-	30.00	30.00	-3.31	-3.99	Pass
11a	6Mbps	1	157	5785	0.59	0.59	12.64	12.86		30.00	30.00	-3.31	-3.99	Pass
11a	6Mbps	1	165	5825	0.59	0.59	12.79	13.03		30.00	30.00	-3.31	-3.99	Pass
HT20	MCS0	1	149	5745	0.63	0.63	11.62	12.77		30.00	30.00	-3.31	-3.99	Pass
HT20	MCS0	1	157	5785	0.63	0.63	11.56	12.25		30.00	30.00	-3.31	-3.99	Pass
HT20	MCS0	1	165	5825	0.63	0.63	11.53	12.06		30.00	30.00	-3.31	-3.99	Pass
HT40	MCS0	1	151	5755	1.20	1.19	10.15	10.30		30.00	30.00	-3.31	-3.99	Pass
HT40	MCS0	1	159	5795	1.20	1.19	10.39	10.08		30.00	30.00	-3.31	-3.99	Pass
HT20	MCS8	2	149	5745	1.15	1.16	11.17	12.32	14.79	30.00		-0.63		Pass
HT20	MCS8	2	157	5785	1.15	1.16	11.30	12.07	14.71	30.00		-0.63		Pass
HT20	MCS8	2	165	5825	1.15	1.16	11.12	11.81	14.49	30.00		-0.63		Pass
HT40	MCS8	2	151	5755	2.04	2.07	10.16	10.79	13.50	30.00		-0.63		Pass
HT40	MCS8	2	159	5795	2.04	2.07	10.28	10.68	13.50	30.00		-0.63		Pass

TEST RESULTS DATA
Power Spectral Density

Test Engineer:	Bill Kuo	Temperature:	21~25	°C
Test Date:	2014/12/24~2014/12/25	Relative Humidity:	51~54	%

FCC Band IV																
Mod.	Data Rate	N	Tx Channel	Freq. (MHz)	Duty Factor (dB)		10log (500kHz /RBW) Factor (dB)		Average Power Density (dBm/500kHz)			Average PSD Limit (dBm/500kHz)		DG (dBi)		Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	1	149	5745	0.59	0.59	2.22	2.22		0.04		30.00	30.00	-3.31	-3.99	Pass
11a	6Mbps	1	157	5785	0.59	0.59	2.22	2.22		-0.10	-	30.00	30.00	-3.31	-3.99	Pass
11a	6Mbps	1	165	5825	0.59	0.59	2.22	2.22		0.07		30.00	30.00	-3.31	-3.99	Pass
HT20	MCS8	2	149	5745	1.15	1.16	2.22				-0.33	30.00		-0.63		Pass
HT20	MCS8	2	157	5785	1.15	1.16	2.22				-0.34	30.00		-0.63		Pass
HT20	MCS8	2	165	5825	1.15	1.16	2.22				0.03	30.00		-0.63		Pass
HT40	MCS8	2	151	5755	2.04	2.07	2.22				-4.49	30.00		-0.63		Pass
HT40	MCS8	2	159	5795	2.04	2.07	2.22				-4.44	30.00		-0.63		Pass

TEST RESULTS DATA
Frequency Stability
(Reporting only)

Test Engineer:	Bill Kuo	Temperature:	21~25	°C
Test Date:	2014/12/24~2014/12/25	Relative Humidity:	51~54	%

Band IV										
Mod.	Data Rate	N	TX Channel	Freq. (MHz)	Center Frequency (MHz)	Frequency Deviation (MHz)	Frequency Stability (ppm)	Temperature (°C)	Voltage (V)	Note
11a	6Mbps	1	149	5745	5745.000	0.000	0.00	20	3.2	
11a	6Mbps	1	149	5745	5745.000	0.000	0.00	20	4.2	
11a	6Mbps	1	149	5745	5745.050	0.050	8.70	20	3.7	
11a	6Mbps	1	149	5745	5745.050	0.050	8.70	-30	3.7	
11a	6Mbps	1	149	5745	5745.000	0.000	0.00	50	3.7	