

Test Engineer:	Derek Hsu	Temperature:	21~26	°C
Test Date:	2015/10/08~2015/11/12	Relative Humidity:	51~56	%

TEST RESULTS DATA
26dB and 99% OBW

Band I										
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)	26 dB Bandwidth (MHz)	IC 99% Bandwidth Power Limit (dBm)	IC 99% Bandwidth EIRP Limit (dBm)		
11a	6Mbps	1	36	5180	17.10	23.60	-	22.33		
11a	6Mbps	1	44	5220	17.05	26.90	-	22.32		
11a	6Mbps	1	48	5240	16.95	24.90	-	22.29		
HT20	MCS0	1	36	5180	17.95	21.10	-	22.54		
HT20	MCS0	1	44	5220	17.95	24.80	-	22.54		
HT20	MCS0	1	48	5240	17.95	21.10	-	22.54		
HT40	MCS0	1	38	5190	36.20	40.68	-	23.01		
HT40	MCS0	1	46	5230	36.30	40.32	-	23.01		

TEST RESULTS DATA
Average Power Table

FCC Band I										
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)	Average Conducted Power (dBm)	FCC Conducted Power Limit (dBm)	DG (dBi)		Pass/Fail
11a	6Mbps	1	36	5180	0.59	11.37	24.00	-0.01		Pass
11a	6Mbps	1	44	5220	0.59	11.47	24.00	-0.01		Pass
11a	6Mbps	1	48	5240	0.59	11.41	24.00	-0.01		Pass
HT20	MCS0	1	36	5180	0.63	11.26	24.00	-0.01		Pass
HT20	MCS0	1	44	5220	0.63	11.49	24.00	-0.01		Pass
HT20	MCS0	1	48	5240	0.63	11.42	24.00	-0.01		Pass
HT40	MCS0	1	38	5190	1.19	10.98	24.00	-0.01		Pass
HT40	MCS0	1	46	5230	1.19	10.99	24.00	-0.01		Pass

TEST RESULTS DATA
Power Spectral Density

FCC Band I										
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)	Average Power Density (dBm/MHz)	Average PSD Limit (dBm/MHz)	DG (dBi)	-	Pass/Fail
11a	6Mbps	1	36	5180	0.59	0.71	11.00	-0.01		Pass
11a	6Mbps	1	44	5220	0.59	0.83	11.00	-0.01		Pass
11a	6Mbps	1	48	5240	0.59	0.94	11.00	-0.01		Pass
HT20	MCS0	1	36	5180	0.63	0.46	11.00	-0.01		Pass
HT20	MCS0	1	44	5220	0.63	0.37	11.00	-0.01		Pass
HT20	MCS0	1	48	5240	0.63	0.49	11.00	-0.01		Pass
HT40	MCS0	1	38	5190	1.19	-2.75	11.00	-0.01		Pass
HT40	MCS0	1	46	5230	1.19	-2.82	11.00	-0.01		Pass

TEST RESULTS DATA
Frequency Stability

Band I										
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Center Frequency (MHz)	Frequency Deviation (MHz)	Frequency Stability (ppm)	Temperature (°C)	Voltage (V)	Note
11a	6Mbps	1	36	5180	5179.950	-0.050	-9.65	20	3.3	
11a	6Mbps	1	36	5180	5180.050	0.050	9.65	20	4.35	
11a	6Mbps	1	36	5180	5180.000	0.000	0.00	20	3.8	
11a	6Mbps	1	36	5180	5180.050	0.050	9.65	-30	3.8	
11a	6Mbps	1	36	5180	5179.950	-0.050	-9.65	50	3.8	