Report Number : FR573018D

Test Engineer:	Bill Kuo	Temperature:	23 ~ 24	°C
Test Date:	2015/08/05 ~ 2015/09/18	Relative Humidity:	52 ~ 53	%

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	18.10	23.80	-	22.58		
11a	6Mbps	1	44	5220	18.15	23.65	-	22.59		
11a	6Mbps	1	48	5240	18.15	23.45	-	22.59		
HT20	MCS0	1	36	5180	18.95	23.95	-	22.78		
HT20	MCS0	1	44	5220	18.85	24.05	-	22.75		
HT20	MCS0	1	48	5240	18.90	24.10	-	22.76		
HT40	MCS0	1	38	5190	36.50	44.64	-	23.01		
HT40	MCS0	1	46	5230	36.60	44.91	-	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	0.05	16.18	24.00	4.05		Pass
11a	6Mbps	1	44	5220	0.05	16.14	24.00	4.05		Pass
11a	6Mbps	1	48	5240	0.05	16.06	24.00	4.05		Pass
HT20	MCS0	1	36	5180	0.06	16.67	24.00	4.05		Pass
HT20	MCS0	1	44	5220	0.06	16.15	24.00	4.05		Pass
HT20	MCS0	1	48	5240	0.06	16.31	24.00	4.05		Pass
HT40	MCS0	1	38	5190	0.05	14.80	24.00	4.05		Pass
HT40	MCS0	1	46	5230	0.05	14.61	24.00	4.05		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	0.05	5.05	11.00	4.05		Pass
11a	6Mbps	1	44	5220	0.05	5.38	11.00	4.05		Pass
11a	6Mbps	1	48	5240	0.05	5.21	11.00	4.05		Pass
HT20	MCS0	1	36	5180	0.06	5.48	11.00	4.05		Pass
HT20	MCS0	1	44	5220	0.06	5.10	11.00	4.05		Pass
HT20	MCS0	1	48	5240	0.06	5.13	11.00	4.05		Pass
HT40	MCS0	1	38	5190	0.05	0.25	11.00	4.05		Pass
HT40	MCS0	1	46	5230	0.05	0.22	11.00	4.05		Pass

TEST RESULTS DATA
26dB and 99% OBW

Band II										
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)	FCC 26dB Bandwidth Power Limit (dBm)	Note
11a	6M bps	1	52	5260	18.35	23.85	23.64	29.64	23.98	
11a	6M bps	1	60	5300	17.9	23.65	23.53	29.53	23.98	
11a	6M bps	1	64	5320	18.05	23.8	23.56	29.56	23.98	
HT20	MCS 0	1	52	5260	18.95	23.9	23.78	29.78	23.98	
HT20	MCS 0	1	60	5300	18.9	24.05	23.76	29.76	23.98	
HT20	MCS 0	1	64	5320	18.85	23.95	23.75	29.75	23.98	
HT40	MCS 0	1	54	5270	36.5	44.73	23.98	30.00	23.98	
HT40	MCS 0	1	62	5310	36.4	45.09	23.98	30.00	23.98	

TEST RESULTS DATA
Average Power Table

FCC Band II										
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	52	5260	0.05	19.70	23.98	5.09		Pass
11a	6M bps	1	60	5300	0.05	17.52	23.98	5.09		Pass
11a	6M bps	1	64	5320	0.05	17.13	23.98	5.09		Pass
HT20	MCS 0	1	52	5260	0.06	18.98	23.98	5.09		Pass
HT20	MCS 0	1	60	5300	0.06	16.59	23.98	5.09		Pass
HT20	MCS 0	1	64	5320	0.06	16.31	23.98	5.09		Pass
HT40	MCS 0	1	54	5270	0.05	14.52	23.98	5.09		Pass
HT40	MCS 0	1	62	5310	0.05	14.57	23.98	5.09		Pass

TEST RESULTS DATA
Power Spectral Density

Band II										
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	6M bps	1	52	5260	0.05	8.40	11.00	5.09		Pass
11a	6M bps	1	60	5300	0.05	3.76	11.00	5.09		Pass
11a	6M bps	1	64	5320	0.05	5.83	11.00	5.09		Pass
HT20	MCS 0	1	52	5260	0.06	7.27	11.00	5.09		Pass
HT20	MCS 0	1	60	5300	0.06	2.64	11.00	5.09		Pass
HT20	MCS 0	1	64	5320	0.06	4.40	11.00	5.09		Pass
HT40	MCS 0	1	54	5270	0.05	0.11	11.00	5.09		Pass
HT40	MCS 0	1	62	5310	0.05	0.11	11.00	5.09		Pass

TEST RESULTS DATA
26dB and 99% OBW

Band III										
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)	FCC 26dB Bandwidth Power Limit (dBm)	Note
11a	6M bps	1	100	5500	18	23.55	23.55	29.55	23.98	
11a	6M bps	1	116	5580	18.2	24.1	23.60	29.60	23.98	
11a	6M bps	1	140	5700	18.05	23.55	23.56	29.56	23.98	
HT20	MCS 0	1	100	5500	18.95	23.95	23.78	29.78	23.98	
HT20	MCS 0	1	116	5580	18.9	23.95	23.76	29.76	23.98	
HT20	MCS 0	1	140	5700	19.05	23.9	23.80	29.80	23.98	
HT40	MCS 0	1	102	5510	36.6	44.91	23.98	30.00	23.98	
HT40	MCS 0	1	110	5550	36.5	44.64	23.98	30.00	23.98	
HT40	MCS 0	1	134	5670	36.5	45.18	23.98	30.00	23.98	

TEST RESULTS DATA
Average Power Table

FCC Band III										
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	100	5500	0.05	15.17	23.98	5.57		Pass
11a	6M bps	1	116	5580	0.05	19.58	23.98	5.57		Pass
11a	6M bps	1	140	5700	0.05	16.26	23.98	5.57		Pass
HT20	MCS 0	1	100	5500	0.06	15.28	23.98	5.57		Pass
HT20	MCS 0	1	116	5580	0.06	18.77	23.98	5.57		Pass
HT20	MCS 0	1	140	5700	0.06	16.31	23.98	5.57		Pass
HT40	MCS 0	1	102	5510	0.05	12.67	23.98	5.57		Pass
HT40	MCS 0	1	110	5550	0.05	14.76	23.98	5.57		Pass
HT40	MCS 0	1	134	5670	0.05	14.69	23.98	5.57		Pass

TEST RESULTS DATA
Power Spectral Density

Band III										
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	6M bps	1	100	5500	0.05	3.91	11.00	5.57		Pass
11a	6M bps	1	116	5580	0.05	8.26	11.00	5.57		Pass
11a	6M bps	1	140	5700	0.05	4.72	11.00	5.57		Pass
HT20	MCS 0	1	100	5500	0.06	3.44	11.00	5.57		Pass
HT20	MCS 0	1	116	5580	0.06	7.17	11.00	5.57		Pass
HT20	MCS 0	1	140	5700	0.06	4.56	11.00	5.57		Pass
HT40	MCS 0	1	102	5510	0.05	-1.77	11.00	5.57		Pass
HT40	MCS 0	1	110	5550	0.05	0.47	11.00	5.57		Pass
HT40	MCS 0	1	134	5670	0.05	0.01	11.00	5.57		Pass

TEST RESULTS DATA
Frequency Stability

Band I										
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Center Frequency (MHz)	Frequency Deviation (MHz)	Frequency Stablility (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	5179.950	-0.050	-9.65	20	4.2	
11a	6Mbps	1	36	5180	5180.000	0.000	0.00	20	3.7	
11a	6Mbps	1	36	5180	5180.000	0.000	0.00	-30	3.7	
11a	6Mbps	1	36	5180	5179.950	-0.050	-9.65	50	3.7	

Band II										
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Center Frequency (MHz)	Frequency Deviation (MHz)	Frequency Stablility (ppm)	Temperature (°C)	Voltage (V)	Note
11a	6Mbps	1	64	5320	5319.950	-0.050	-9.40	20	3.3	
11a	6Mbps	1	64	5320	5319.950	-0.050	-9.40	20	4.2	
11a	6Mbps	1	64	5320	5319.950	-0.050	-9.40	20	3.7	
11a	6Mbps	1	64	5320	5320.000	0.000	0.00	-30	3.7	
11a	6Mbps	1	64	5320	5319.950	-0.050	-9.40	50	3.7	

Band III										
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Center Frequency (MHz)	Frequency Deviation (MHz)	Frequency Stablility (ppm)	Temperature (°C)	Voltage (V)	Note
11a	6Mbps	1	100	5500	5500.000	0.000	0.00	20	3.3	
11a	6Mbps	1	100	5500	5500.000	0.000	0.00	20	4.2	
11a	6Mbps	1	100	5500	5500.000	0.000	0.00	20	3.7	
11a	6Mbps	1	100	5500	5500.000	0.000	0.00	-30	3.7	
11a	6Mbps	1	100	5500	5500.000	0.000	0.00	50	3.7	