Report Number : FR6O0801-01F

Test Engineer:	Kai Liao	Temperature:	21~25	°C
Test Date:	2016/10/04 ~ 2016/10/11	Relative Humidity:	51~54	%

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
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	2	52	5260	20.40	20.65	43.25	43.30	23.98		30.00		23.98		
11a	6Mbps	2	60	5300	20.85	21.40	44.30	42.85	23.98		30.00		23.98		
11a	6Mbps	2	64	5320	18.60	18.45	38.75	35.55	23.66		29.66		23.98		
HT20	MCS8	2	52	5260	23.00	22.80	45.82	46.64	23.98		30.00		23.98		
HT20	MCS8	2	60	5300	26.15	27.35	48.40	45.28	23.98		30.00		23.98		
HT20	MCS8	2	64	5320	19.70	19.50	38.40	33.76	23.90		29.90		23.98		
HT40	MCS8	2	54	5270	45.90	47.20	89.49	87.36	23.98		30.00		23.98		
HT40	MCS8	2	62	5310	36.80	36.90	48.48	46.51	23.98		30.00		23.98		
VHT80	MCS0	2	58	5290	75.96	76.08	85.44	83.92	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)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	2	52	5260	0.17	0.17	17.44	17.74	20.60	23.98		4.10		30	Pass
11a	6Mbps	2	60	5300	0.17	0.17	17.31	17.65	20.49	23.98		4.10		30	Pass
11a	6Mbps	2	64	5320	0.17	0.17	16.63	17.15	19.91	23.98		4.10		30	Pass
HT20	MCS8	2	52	5260	0.35	0.30	17.97	18.81	21.42	23.98		4.10		30	Pass
HT20	MCS8	2	60	5300	0.35	0.30	18.51	19.00	21.77	23.98		4.10		30	Pass
HT20	MCS8	2	64	5320	0.35	0.30	16.88	17.30	20.11	23.98		4.10		30	Pass
HT40	MCS8	2	54	5270	0.63	0.60	19.14	19.48	22.33	23.98		4.10		30	Pass
HT40	MCS8	2	62	5310	0.63	0.60	12.51	13.17	15.87	23.98		4.10		30	Pass
VHT80	MCS0	2	58	5290	0.61	0.60	10.05	10.40	13.24	23.98		4.10		30	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
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	2	52	5260	0.17	0.17			9.59	9.94		7.06			Pass
11a	6Mbps	2	60	5300	0.17	0.17			9.49	9.94		7.06			Pass
11a	6Mbps	2	64	5320	0.17	0.17			8.52	9.94		7.06			Pass
HT20	MCS8	2	52	5260	0.35	0.30			9.40	9.94		7.06			Pass
HT20	MCS8	2	60	5300	0.35	0.30			9.43	9.94		7.06			Pass
HT20	MCS8	2	64	5320	0.35	0.30			7.58	9.94		7.06			Pass
HT40	MCS8	2	54	5270	0.63	0.60			7.72	9.94		7.06			Pass
HT40	MCS8	2	62	5310	0.63	0.60			1.52	9.94		7.06			Pass
VHT80	MCS0	2	58	5290	0.61	0.60			-4.54	9.94		7.06			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
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	2	100	5500	19.85	19.25	42.45	41.30	23.84		29.84		23.98		
11a	6Mbps	2	116	5580	24.15	22.00	45.30	43.25	23.98		30.00		23.98		
11a	6Mbps	2	140	5700	18.25	17.90	34.70	27.40	23.53		29.53		23.98		
HT20	MCS8	2	100	5500	24.80	21.20	46.56	44.40	23.98		30.00		23.98		
HT20	MCS8	2	116	5580	28.85	24.20	48.88	47.36	23.98		30.00		23.98		
HT20	MCS8	2	140	5700	19.00	18.85	28.08	25.30	23.75		29.75		23.98		
HT40	MCS8	2	102	5510	36.90	36.80	51.07	45.16	23.98		30.00		23.98		
HT40	MCS8	2	110	5550	65.10	62.20	99.38	96.00	23.98		30.00		23.98		
HT40	MCS8	2	134	5670	39.40	37.10	83.34	60.16	23.98		30.00		23.98		
VHT80	MCS0	2	106	5530	75.84	76.20	84.96	86.00	23.98		30.00		23.98		
VHT80	MCS0	2	122	5610	76.56	76.20	163.20	109.92	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)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	2	100	5500	0.17	0.17	17.37	17.12	20.25	23.98		3.90		30	Pass
11a	6Mbps	2	116	5580	0.17	0.17	17.68	17.86	20.78	23.98		3.90		30	Pass
11a	6Mbps	2	140	5700	0.17	0.17	16.30	15.22	18.80	23.98		3.90		30	Pass
HT20	MCS8	2	100	5500	0.35	0.30	17.87	17.96	20.93	23.98		3.90		30	Pass
HT20	MCS8	2	116	5580	0.35	0.30	18.03	18.59	21.33	23.98		3.90		30	Pass
HT20	MCS8	2	140	5700	0.35	0.30	15.57	14.65	18.14	23.98		3.90		30	Pass
HT40	MCS8	2	102	5510	0.63	0.60	14.83	13.62	17.28	23.98		3.90		30	Pass
HT40	MCS8	2	110	5550	0.63	0.60	19.48	19.37	22.44	23.98		3.90		30	Pass
HT40	MCS8	2	134	5670	0.63	0.60	16.81	16.44	19.64	23.98		3.90		30	Pass
VHT80	MCS0	2	106	5530	0.61	0.60	12.01	11.45	14.75	23.98		3.90		30	Pass
VHT80	MCS0	2	122	5610	0.61	0.60	17.41	16.50	19.99	23.98		3.90		30	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
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	2	100	5500	0.17	0.17			9.47	10.43		6.57			Pass
11a	6Mbps	2	116	5580	0.17	0.17			10.05	10.43		6.57			Pass
11a	6Mbps	2	140	5700	0.17	0.17			7.19	10.43		6.57			Pass
HT20	MCS8	2	100	5500	0.35	0.30			9.49	10.43		6.57			Pass
HT20	MCS8	2	116	5580	0.35	0.30			9.77	10.43		6.57			Pass
HT20	MCS8	2	140	5700	0.35	0.30			5.52	10.43		6.57			Pass
HT40	MCS8	2	102	5510	0.63	0.60			3.42	10.43		6.57			Pass
HT40	MCS8	2	110	5550	0.63	0.60			8.49	10.43		6.57			Pass
HT40	MCS8	2	134	5670	0.63	0.60			5.23	10.43		6.57			Pass
VHT80	MCS0	2	106	5530	0.61	0.60			-2.60	10.43		6.57			Pass
VHT80	MCS0	2	122	5610	0.61	0.60			2.47	10.43		6.57			Pass

TEST RESULTS DATA
26dB and 99% OBW

Straddle Channel																	
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26dB Emission Bandwidth (MHz)		6 dB Emission Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)	
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2
11a	6Mbps	2	144	5720	29.45	27.55	46.40	45.60	16.28	16.30	-		-		-	
				NII-2C	19.65	18.75	28	27.7	13.16	13.16	23.73		29.73		23.98	
				NII-3	9.8	8.8	18.4	17.9	3.12	3.14	30.00		36.02		-	
HT20	MCS0	2	144	5720	30.70	28.65	48.93	48.16	17.52	16.92	-		-		-	
				NII-2C	20.4	19.25	29.13	28.52	13.78	13.14	23.84		29.84		23.98	
				NII-3	10.3	9.4	19.8	19.64	3.74	3.78	30.00		36.02		-	
HT40	MCS0	2	142	5710	68.70	68.10	103.36	103.06	35.92	36.32	-		-		-	
				NII-2C	49.1	49.3	64.6	66.7	32.72	33.16	23.98		30.00		23.98	
				NII-3	19.6	18.8	38.76	36.36	3.2	3.16	30.00		36.02		-	
VHT80	MCS0	2	138	5690	101.04	98.04	263.84	216.00	75.76	74.40	-		-		-	
				NII-2C	85.76	84.8	175.96	143.48	72.6	72.52	23.98		30.00		23.98	
				NII-3	15.28	13.24	87.88	72.52	3.16	1.88	30.00		36.02		-	

TEST RESULTS DATA
Average Power Table

FCC Straddle Channel															
Mod.	Data Rate	NTX	CH.	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	2	144	5720	0.17	0.17	19.43	18.69	22.09	-		3.90			-
				NII-2C	0.17	0.17	18.33	17.66	21.02	23.98		3.90			Pass
				NII-3	0.17	0.17	12.91	11.95	15.47	-		3.90			Pass
HT20	MCS0	2	144	5720	0.35	0.30	19.34	19.61	22.49	-		3.90			-
				NII-2C	0.35	0.30	18.25	18.49	21.38	23.98		3.90			Pass
				NII-3	0.35	0.30	12.79	13.19	16.00	-		3.90			Pass
HT40	MCS0	2	142	5710	0.63	0.60	20.24	20.40	23.33	-		3.90			-
				NII-2C	0.63	0.60	19.83	19.96	22.91	23.98		3.90			Pass
				NII-3	0.63	0.60	9.77	10.19	13.00	-		3.90			Pass
VHT80	MCS0	2	138	5690	0.61	0.60	20.13	20.03	23.09	-		3.90			-
				NII-2C	0.61	0.60	19.96	19.87	22.93	23.98		3.90			Pass
				NII-3	0.61	0.60	5.96	5.66	8.82	-		3.90			Pass

TEST RESULTS DATA
Power Spectral Density

Straddle Channel														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	2	144	NII-2C	0.17	0.17			9.97	10.43		6.57			Pass
				NII-3	0.17	0.17			9.97	29.43		6.57			Pass
HT20	MCS0	2	144	NII-2C	0.35	0.30			10.04	10.43		6.57			Pass
				NII-3	0.35	0.30			10.04	29.43		6.57			Pass
HT40	MCS0	2	142	NII-2C	0.63	0.60			7.82	10.43		6.57			Pass
				NII-3	0.63	0.60			7.82	29.43		6.57			Pass
VHT80	MCS0	2	138	NII-2C	0.61	0.60			4.46	10.43		6.57			Pass
				NII-3	0.61	0.60			4.46	29.43		6.57			Pass

TEST RESULTS DATA
Frequency Stability

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	5319.975	-0.025	-4.70	50	120	
11a	6Mbps	1	64	5320	5319.925	-0.075	-14.10	-30	120	
11a	6Mbps	1	64	5320	5320.000	0.000	0.00	20	138	
11a	6Mbps	1	64	5320	5320.000	0.000	0.00	20	102	
11a	6Mbps	1	64	5320	5319.950	-0.050	-9.40	20	120	

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	5499.975	-0.025	-4.55	50	120	
11a	6Mbps	1	100	5500	5500.000	0.000	0.00	-30	120	
11a	6Mbps	1	100	5500	5499.950	-0.050	-9.09	20	138	
11a	6Mbps	1	100	5500	5499.975	-0.025	-4.55	20	102	
11a	6Mbps	1	100	5500	5500.000	0.000	0.00	20	120	