Report Number : FR6O0801-01D

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

Report Number : FR6O0801-01D

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)			Note
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	2	36	5180	18.40	18.65	35.20	41.80	-		22.65			
11a	6Mbps	2	44	5220	24.10	22.80	45.75	45.65	-		23.01			
11a	6Mbps	2	48	5240	24.55	26.00	46.00	45.10	-		23.01			
HT20	MCS8	2	36	5180	19.05	19.15	30.45	34.56	-		22.80			
HT20	MCS8	2	44	5220	20.20	20.35	43.41	41.65	-		23.01			
HT20	MCS8	2	48	5240	23.95	25.70	46.16	48.08	-		23.01			
HT40	MCS8	2	38	5190	36.80	36.90	44.91	46.24	-		23.01			
HT40	MCS8	2	46	5230	58.50	56.30	#####	93.65	-		23.01			
VHT80	MCS0	2	42	5210	75.96	75.96	86.16	84.00	-		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
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	2	36	5180	0.17	0.17	17.47	18.07	20.79	30.00		3.20			Pass
11a	6Mbps	2	44	5220	0.17	0.17	18.18	19.07	21.66	30.00		3.20			Pass
11a	6Mbps	2	48	5240	0.17	0.17	18.97	19.56	22.28	30.00		3.20			Pass
HT20	MCS8	2	36	5180	0.35	0.30	17.11	18.06	20.62	30.00		3.20			Pass
HT20	MCS8	2	44	5220	0.35	0.30	17.91	19.20	21.61	30.00		3.20			Pass
HT20	MCS8	2	48	5240	0.35	0.30	19.28	20.12	22.73	30.00		3.20			Pass
HT40	MCS8	2	38	5190	0.63	0.60	13.64	14.43	17.07	30.00		3.20			Pass
HT40	MCS8	2	46	5230	0.63	0.60	19.35	20.01	22.71	30.00		3.20			Pass
VHT80	MCS0	2	42	5210	0.61	0.60	10.91	12.04	14.52	30.00		3.20			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
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	2	36	5180	0.17	0.17			10.27	16.84		6.16			Pass
11a	6Mbps	2	44	5220	0.17	0.17			10.60	16.84		6.16			Pass
11a	6Mbps	2	48	5240	0.17	0.17			10.84	16.84		6.16			Pass
HT20	MCS8	2	36	5180	0.35	0.30			8.13	16.84		6.16			Pass
HT20	MCS8	2	44	5220	0.35	0.30			9.21	16.84		6.16			Pass
HT20	MCS8	2	48	5240	0.35	0.30			10.40	16.84		6.16			Pass
HT40	MCS8	2	38	5190	0.63	0.60			3.44	16.84		6.16			Pass
HT40	MCS8	2	46	5230	0.63	0.60			8.17	16.84		6.16			Pass
VHT80	MCS0	2	42	5210	0.61	0.60			-2.67	16.84		6.16			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	5179.900	-0.100	-19.31	50	120	
11a	6Mbps	1	36	5180	5179.950	-0.050	-9.65	-30	120	
11a	6Mbps	1	36	5180	5179.925	-0.075	-14.48	20	138	
11a	6Mbps	1	36	5180	5179.900	-0.100	-19.31	20	102	
11a	6Mbps	1	36	5180	5179.900	-0.100	-19.31	20	120	