

Report Number : FR520232E

Test Engineer:	Bill Kuo	Temperature:	21~25	°C
Test Date:	2015/2/11	Relative Humidity:	51~54	%

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	18.35	23.05	-	22.64		
11a	6Mbps	1	44	5220	18.25	23.15	-	22.61		
11a	6Mbps	1	48	5240	18.30	23.10	-	22.62		
HT20	MCS0	1	36	5180	19.05	23.55	-	22.80		
HT20	MCS0	1	44	5220	19.10	23.30	-	22.81		
HT20	MCS0	1	48	5240	19.00	23.50	-	22.79		
HT40	MCS0	1	38	5190	36.70	41.58	-	23.01		
HT40	MCS0	1	46	5230	36.60	41.49	-	23.01		
VHT20	MCS0	1	36	5180	19.00	23.50	-	22.79		
VHT20	MCS0	1	44	5220	19.05	23.60	-	22.80		
VHT20	MCS0	1	48	5240	19.00	23.40	-	22.79		
VHT40	MCS0	1	38	5190	36.70	41.40	-	23.01		
VHT40	MCS0	1	46	5230	36.60	41.58	-	23.01		
VHT80	MCS0	1	42	5210	75.84	82.40	-	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	0.32	11.50	24.00	-2.00		Pass
11a	6Mbps	1	44	5220	0.32	11.43	24.00	-2.00		Pass
11a	6Mbps	1	48	5240	0.32	11.33	24.00	-2.00		Pass
HT20	MCS0	1	36	5180	0.31	9.99	24.00	-2.00		Pass
HT20	MCS0	1	44	5220	0.31	9.24	24.00	-2.00		Pass
HT20	MCS0	1	48	5240	0.31	9.21	24.00	-2.00		Pass
HT40	MCS0	1	38	5190	0.60	9.96	24.00	-2.00		Pass
HT40	MCS0	1	46	5230	0.60	9.76	24.00	-2.00		Pass
VHT20	MCS0	1	36	5180	0.31	9.44	24.00	-2.00		Pass
VHT20	MCS0	1	44	5220	0.31	9.28	24.00	-2.00		Pass
VHT20	MCS0	1	48	5240	0.31	9.40	24.00	-2.00		Pass
VHT40	MCS0	1	38	5190	0.60	9.46	24.00	-2.00		Pass
VHT40	MCS0	1	46	5230	0.60	9.53	24.00	-2.00		Pass
VHT80	MCS0	1	42	5210	1.18	9.54	24.00	-2.00		Pass

TEST RESULTS DATA
Power Spectral Density

FCC Band I										
Mod.	Data Rate	N _{TX}	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	0.32	-0.29	11.00	-2.00		Pass
11a	6Mbps	1	44	5220	0.32	0.10	11.00	-2.00		Pass
11a	6Mbps	1	48	5240	0.32	-0.23	11.00	-2.00		Pass
HT20	MCS0	1	36	5180	0.31	-1.85	11.00	-2.00		Pass
HT20	MCS0	1	44	5220	0.31	-2.59	11.00	-2.00		Pass
HT20	MCS0	1	48	5240	0.31	-2.71	11.00	-2.00		Pass
HT40	MCS0	1	38	5190	0.60	-4.41	11.00	-2.00		Pass
HT40	MCS0	1	46	5230	0.60	-4.44	11.00	-2.00		Pass
VHT20	MCS0	1	36	5180	0.31	-1.90	11.00	-2.00		Pass
VHT20	MCS0	1	44	5220	0.31	-1.56	11.00	-2.00		Pass
VHT20	MCS0	1	48	5240	0.31	-1.60	11.00	-2.00		Pass
VHT40	MCS0	1	38	5190	0.60	-5.35	11.00	-2.00		Pass
VHT40	MCS0	1	46	5230	0.60	-5.55	11.00	-2.00		Pass
VHT80	MCS0	1	42	5210	1.18	-8.37	11.00	-2.00		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	5180.000	0.000	0.00	20	3.6	
11a	6Mbps	1	36	5180	5180.000	0.000	0.00	20	4.35	
11a	6Mbps	1	36	5180	5180.000	0.000	0.00	20	3.8	
11a	6Mbps	1	36	5180	5180.000	0.000	0.00	-30	3.8	
11a	6Mbps	1	36	5180	5180.000	0.000	0.00	50	3.8	