

Test Engineer:	AC Chang	Temperature:	21~25	°C
Test Date:	2016/01/23~2016/02/03	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)		Note
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	2	36	5180	17.45	17.65	23.15	23.30	-	-	22.42	-	
11a	6Mbps	2	40	5200	17.55	17.65	24.30	23.60	-	-	22.44	-	
11a	6Mbps	2	48	5240	17.80	17.70	25.90	24.30	-	-	22.48	-	
HT20	MCS0	2	36	5180	19.00	18.75	25.40	24.80	-	-	22.73	-	
HT20	MCS0	2	40	5200	18.80	18.85	25.70	25.00	-	-	22.74	-	
HT20	MCS0	2	48	5240	19.00	18.75	26.80	25.30	-	-	22.73	-	
HT40	MCS0	2	38	5190	36.90	36.80	46.98	46.98	-	-	23.01	-	
HT40	MCS0	2	46	5230	36.50	36.80	46.26	45.90	-	-	23.01	-	
VHT20	MCS0	2	36	5180	18.65	18.85	25.00	24.70	-	-	22.71	-	
VHT20	MCS0	2	40	5200	18.55	18.70	25.00	25.00	-	-	22.68	-	
VHT20	MCS0	2	48	5240	19.10	18.60	25.70	25.30	-	-	22.70	-	
VHT40	MCS0	2	38	5190	36.80	36.90	46.62	46.44	-	-	23.01	-	
VHT40	MCS0	2	46	5230	36.70	36.90	45.36	45.18	-	-	23.01	-	
VHT80	MCS0	2	42	5210	75.96	76.08	88.32	89.60	-	-	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	18.96	18.83	21.90	30.00		5.40		Pass
11a	6Mbps	2	40	5200	0.17	0.17	23.16	18.83	26.24	30.00		5.40		Pass
11a	6Mbps	2	48	5240	0.17	0.17	23.73	18.83	26.67	30.00		5.40		Pass
HT20	MCS0	2	36	5180	0.14	0.18	18.42	18.12	21.29	30.00		5.40		Pass
HT20	MCS0	2	40	5200	0.14	0.18	23.04	22.98	26.02	30.00		5.40		Pass
HT20	MCS0	2	48	5240	0.14	0.18	23.05	23.01	26.04	30.00		5.40		Pass
HT40	MCS0	2	38	5190	0.32	0.27	14.35	14.78	17.58	30.00		5.40		Pass
HT40	MCS0	2	46	5230	0.32	0.27	21.80	21.86	24.84	30.00		5.40		Pass
VHT20	MCS0	2	36	5180	0.18	0.18	18.41	18.20	21.32	30.00		5.40		Pass
VHT20	MCS0	2	40	5200	0.18	0.18	22.96	23.17	26.08	30.00		5.40		Pass
VHT20	MCS0	2	48	5240	0.18	0.18	23.26	22.93	26.11	30.00		5.40		Pass
VHT40	MCS0	2	38	5190	0.31	0.31	14.56	20.77	17.68	30.00		5.40		Pass
VHT40	MCS0	2	46	5230	0.31	0.31	21.90	19.33	24.94	30.00		5.40		Pass
VHT80	MCS0	2	42	5210	0.59	0.59	11.90	12.06	14.99	30.00		5.40		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			11.40	15.22	7.78		Pass	
11a	6Mbps	2	40	5200	0.17	0.17			15.15	15.22	7.78		Pass	
11a	6Mbps	2	48	5240	0.17	0.17			15.03	15.22	7.78		Pass	
HT20	MCS0	2	36	5180	0.14	0.18			10.46	15.22	7.78		Pass	
HT20	MCS0	2	40	5200	0.14	0.18			14.99	15.22	7.78		Pass	
HT20	MCS0	2	48	5240	0.14	0.18			14.07	15.22	7.78		Pass	
HT40	MCS0	2	38	5190	0.32	0.27			3.09	15.22	7.78		Pass	
HT40	MCS0	2	46	5230	0.32	0.27			9.44	15.22	7.78		Pass	
VHT20	MCS0	2	36	5180	0.18	0.18			10.49	15.22	7.78		Pass	
VHT20	MCS0	2	40	5200	0.18	0.18			14.69	15.22	7.78		Pass	
VHT20	MCS0	2	48	5240	0.18	0.18			14.25	15.22	7.78		Pass	
VHT40	MCS0	2	38	5190	0.31	0.31			3.02	15.22	7.78		Pass	
VHT40	MCS0	2	46	5230	0.31	0.31			9.82	15.22	7.78		Pass	
VHT80	MCS0	2	42	5210	0.59	0.59			-3.99	15.22	7.78		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	3.2	
11a	6Mbps	1	36	5180	5180.000	0.000	0.00	20	4.2	
11a	6Mbps	1	36	5180	5180.000	0.000	0.00	20	3.7	
11a	6Mbps	1	36	5180	5180.050	0.050	9.65	-30	3.7	
11a	6Mbps	1	36	5180	5179.975	-0.025	-4.83	50	3.7	