

Test Engineer:	Kai Liao / Tommy Lee	Temperature:	21~25	°C
Test Date:	2016/06/18~2016/07/31	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	
HT20	MCS0	2	36	5180	19.10	18.90	23.50	23.00	-	-	22.76	-	
HT20	MCS0	2	44	5220	19.20	18.95	23.30	23.70	-	-	22.78	-	
HT20	MCS0	2	48	5240	18.15	18.10	24.70	26.10	-	-	22.58	-	
HT40	MCS0	2	38	5190	36.60	36.80	40.86	40.50	-	-	23.01	-	
HT40	MCS0	2	46	5230	36.70	36.70	40.68	40.50	-	-	23.01	-	
VHT20	MCS0	2	36	5180	19.05	18.95	23.10	23.30	-	-	22.78	-	
VHT20	MCS0	2	44	5220	18.90	19.05	24.70	23.70	-	-	22.76	-	
VHT20	MCS0	2	48	5240	18.20	18.10	24.60	21.50	-	-	22.58	-	
VHT40	MCS0	2	38	5190	36.70	36.80	40.68	40.68	-	-	23.01	-	
VHT40	MCS0	2	46	5230	36.80	36.70	41.22	40.86	-	-	23.01	-	
VHT80	MCS0	2	42	5210	76.44	75.84	81.92	79.36	-	-	23.01	-	

TEST RESULTS DATA
Average Power Table

FCC Band I													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)			Pass/Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
HT20	MCS0	2	36	5180	15.70	15.40	18.56	23.95		6.05			Pass
HT20	MCS0	2	44	5220	16.40	15.80	19.12	23.95		6.05			Pass
HT20	MCS0	2	48	5240	16.50	15.90	19.22	23.95		6.05			Pass
HT40	MCS0	2	38	5190	12.70	12.60	15.66	23.95		6.05			Pass
HT40	MCS0	2	46	5230	15.80	15.40	18.61	23.95		6.05			Pass
VHT20	MCS0	2	36	5180	15.90	15.60	18.76	23.95		6.05			Pass
VHT20	MCS0	2	44	5220	16.70	15.90	19.33	23.95		6.05			Pass
VHT20	MCS0	2	48	5240	16.60	16.10	19.37	23.95		6.05			Pass
VHT40	MCS0	2	38	5190	13.00	12.60	15.81	23.95		6.05			Pass
VHT40	MCS0	2	46	5230	16.30	15.70	19.02	23.95		6.05			Pass
VHT80	MCS0	2	42	5210	11.60	11.20	14.41	23.95		6.05			Pass

TEST RESULTS DATA
Power Spectral Density

FCC Band I													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
HT20	MCS0	2	36	5180			7.47	10.95	6.05			Pass	
HT20	MCS0	2	44	5220			8.11	10.95	6.05			Pass	
HT20	MCS0	2	48	5240			7.88	10.95	6.05			Pass	
HT40	MCS0	2	38	5190			3.54	10.95	6.05			Pass	
HT40	MCS0	2	46	5230			5.67	10.95	6.05			Pass	
VHT20	MCS0	2	36	5180			7.01	10.95	6.05			Pass	
VHT20	MCS0	2	44	5220			7.41	10.95	6.05			Pass	
VHT20	MCS0	2	48	5240			7.53	10.95	6.05			Pass	
VHT40	MCS0	2	38	5190			3.84	10.95	6.05			Pass	
VHT40	MCS0	2	46	5230			5.57	10.95	6.05			Pass	
VHT80	MCS0	2	42	5210			0.51	10.95	6.05			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
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	
HT20	MCS0	2	52	5260	18.10	18.10	23.90	23.50	23.58		29.58		23.98		
HT20	MCS0	2	60	5300	18.85	19.05	23.80	25.30	23.75		29.75		23.98		
HT20	MCS0	2	64	5320	18.85	18.85	23.10	23.30	23.75		29.75		23.98		
HT40	MCS0	2	54	5270	36.70	36.70	41.04	41.04	23.98		30.00		23.98		
HT40	MCS0	2	62	5310	36.80	36.90	40.68	40.68	23.98		30.00		23.98		
VHT20	MCS0	2	52	5260	18.15	18.15	23.80	24.30	23.59		29.59		23.98		
VHT20	MCS0	2	60	5300	19.10	19.25	23.40	23.10	23.81		29.81		23.98		
VHT20	MCS0	2	64	5320	18.75	18.80	23.10	23.20	23.73		29.73		23.98		
VHT40	MCS0	2	54	5270	36.80	36.70	41.04	40.68	23.98		30.00		23.98		
VHT40	MCS0	2	62	5310	36.70	36.60	40.32	40.86	23.98		30.00		23.98		
VHT80	MCS0	2	58	5290	76.44	76.08	80.00	81.60	23.98		30.00		23.98		

TEST RESULTS DATA
Average Power Table

FCC Band II													
Mod.	Data Rate	Ntx	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
HT20	MCS0	2	52	5260	16.00	15.70	18.86	23.98		5.96		26.99	Pass
HT20	MCS0	2	60	5300	16.10	15.40	18.77	23.98		5.96		26.99	Pass
HT20	MCS0	2	64	5320	14.80	14.40	17.61	23.98		5.96		26.99	Pass
HT40	MCS0	2	54	5270	15.80	15.50	18.66	23.98		5.96		26.99	Pass
HT40	MCS0	2	62	5310	10.90	10.20	13.57	23.98		5.96		26.99	Pass
VHT20	MCS0	2	52	5260	16.40	16.00	19.21	23.98		5.96		26.99	Pass
VHT20	MCS0	2	60	5300	16.60	15.90	19.27	23.98		5.96		26.99	Pass
VHT20	MCS0	2	64	5320	14.90	14.50	17.71	23.98		5.96		26.99	Pass
VHT40	MCS0	2	54	5270	16.00	15.80	18.91	23.98		5.96		26.99	Pass
VHT40	MCS0	2	62	5310	10.80	10.50	13.66	23.98		5.96		26.99	Pass
VHT80	MCS0	2	58	5290	11.10	11.00	14.06	23.98		5.96		26.99	Pass

TEST RESULTS DATA
Power Spectral Density

Band II												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	
HT20	MCS0	2	52	5260			8.68	11.00		5.96		Pass
HT20	MCS0	2	60	5300			8.45	11.00		5.96		Pass
HT20	MCS0	2	64	5320			7.36	11.00		5.96		Pass
HT40	MCS0	2	54	5270			7.85	11.00		5.96		Pass
HT40	MCS0	2	62	5310			3.55	11.00		5.96		Pass
VHT20	MCS0	2	52	5260			9.07	11.00		5.96		Pass
VHT20	MCS0	2	60	5300			9.13	11.00		5.96		Pass
VHT20	MCS0	2	64	5320			7.39	11.00		5.96		Pass
VHT40	MCS0	2	54	5270			8.04	11.00		5.96		Pass
VHT40	MCS0	2	62	5310			3.36	11.00		5.96		Pass
VHT80	MCS0	2	58	5290			2.96	11.00		5.96		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	
HT20	MCS0	2	100	5500	19.00	18.90	25.30	23.90	23.76		29.76		23.98		
HT20	MCS0	2	116	5580	18.45	18.25	38.00	34.50	23.61		29.61		23.98		
HT20	MCS0	2	140	5700	18.90	18.80	24.00	23.30	23.74		29.74		23.98		
HT40	MCS0	2	102	5510	36.70	36.70	40.68	41.04	23.98		30.00		23.98		
HT40	MCS0	2	110	5550	36.90	36.90	53.10	59.94	23.98		30.00		23.98		
HT40	MCS0	2	134	5670	37.10	37.00	65.52	42.48	23.98		30.00		23.98		
VHT20	MCS0	2	100	5500	19.30	19.10	23.90	23.20	23.81		29.81		23.98		
VHT20	MCS0	2	116	5580	18.45	18.35	39.20	31.20	23.64		29.64		23.98		
VHT20	MCS0	2	140	5700	18.85	18.95	23.30	23.90	23.75		29.75		23.98		
VHT40	MCS0	2	102	5510	36.70	36.60	40.68	40.68	23.98		30.00		23.98		
VHT40	MCS0	2	110	5550	37.00	36.90	53.64	45.72	23.98		30.00		23.98		
VHT40	MCS0	2	134	5670	37.10	36.90	62.28	48.60	23.98		30.00		23.98		
VHT80	MCS0	2	106	5530	75.84	76.08	81.92	82.88	23.98		30.00		23.98		
VHT80	MCS0	2	122	5610	75.72	75.72	80.64	80.00	23.98		30.00		23.98		

TEST RESULTS DATA
Average Power Table

FCC Band III													
Mod.	Data Rate	Ntx	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
HT20	MCS0	2	100	5500	15.90	15.40	18.67	23.84		6.14		26.99	Pass
HT20	MCS0	2	116	5580	16.20	15.80	19.01	23.84		6.14		26.99	Pass
HT20	MCS0	2	140	5700	14.60	14.10	17.37	23.84		6.14		26.99	Pass
HT40	MCS0	2	102	5510	13.60	13.10	16.37	23.84		6.14		26.99	Pass
HT40	MCS0	2	110	5550	16.00	15.60	18.81	23.84		6.14		26.99	Pass
HT40	MCS0	2	134	5670	15.80	14.80	18.34	23.84		6.14		26.99	Pass
VHT20	MCS0	2	100	5500	16.00	15.50	18.77	23.84		6.14		26.99	Pass
VHT20	MCS0	2	116	5580	16.70	16.30	19.51	23.84		6.14		26.99	Pass
VHT20	MCS0	2	140	5700	14.80	14.10	17.47	23.84		6.14		26.99	Pass
VHT40	MCS0	2	102	5510	13.50	13.40	16.46	23.84		6.14		26.99	Pass
VHT40	MCS0	2	110	5550	16.20	15.70	18.97	23.84		6.14		26.99	Pass
VHT40	MCS0	2	134	5670	15.90	15.60	18.76	23.84		6.14		26.99	Pass
VHT80	MCS0	2	106	5530	12.00	11.40	14.72	23.84		6.14		26.99	Pass
VHT80	MCS0	2	122	5610	15.20	14.80	18.01	23.84		6.14		26.99	Pass

TEST RESULTS DATA
Power Spectral Density

Band III												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	
HT20	MCS0	2	100	5500			7.77	10.86		6.14		Pass
HT20	MCS0	2	116	5580			9.77	10.86		6.14		Pass
HT20	MCS0	2	140	5700			8.97	10.86		6.14		Pass
HT40	MCS0	2	102	5510			3.89	10.86		6.14		Pass
HT40	MCS0	2	110	5550			6.57	10.86		6.14		Pass
HT40	MCS0	2	134	5670			8.56	10.86		6.14		Pass
VHT20	MCS0	2	100	5500			8.12	10.86		6.14		Pass
VHT20	MCS0	2	116	5580			9.36	10.86		6.14		Pass
VHT20	MCS0	2	140	5700			7.50	10.86		6.14		Pass
VHT40	MCS0	2	102	5510			3.10	10.86		6.14		Pass
VHT40	MCS0	2	110	5550			8.42	10.86		6.14		Pass
VHT40	MCS0	2	134	5670			8.85	10.86		6.14		Pass
VHT80	MCS0	2	106	5530			3.91	10.86		6.14		Pass
VHT80	MCS0	2	122	5610			7.66	10.86		6.14		Pass

TEST RESULTS DATA
26dB and 99% OBW

Straddle Channel															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)		Emission 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	
HT20	MCS0	2	144	5720	19.25	19.35	20.60	27.86	-		-		-		
				NII-2C	14.65	14.7	16.8	24.1	22.66		28.66		23.25		
				NII-3	4.6	4.65	3.8	3.76	23.63		29.63		16.75		
HT40	MCS0	2	142	5710	36.70	36.70	37.78	37.86	-		-		-		
				NII-2C	33.4	33.4	35.34	35.34	23.98		30.00		23.98		
				NII-3	3.3	3.3	2.44	2.52	22.19		28.19		14.87		
VHT20	MCS0	2	144	5720	19.05	19.05	22.38	24.58	-		-		-		
				NII-2C	14.45	14.55	18.6	20.8	22.60		28.60		23.70		
				NII-3	4.6	4.5	3.78	3.78	23.53		29.53		16.77		
VHT40	MCS0	2	142	5710	36.90	36.80	38.37	40.25	-		-		-		
				NII-2C	33.5	33.5	35.25	37.77	23.98		30.00		23.98		
				NII-3	3.4	3.3	3.12	2.48	22.19		28.19		14.94		
VHT80	MCS0	2	138	5690	75.84	75.96	78.40	78.64	-		-		-		
				NII-2C	73.04	73.04	75.8	76.12	23.98		30.00		23.98		
				NII-3	2.8	2.92	2.6	2.52	21.47		27.47		15.01		

TEST RESULTS DATA**Average Power Table**

FCC Straddle Channel												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		Pass/Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	
HT20	MCS0	2	144	5720	16.59	16.27	19.44	-	-	6.14	6.14	-
				NII-2C	15.60	15.34	18.48	23.12	-	6.14	6.14	Pass
				NII-3	9.67	9.10	12.40	16.61	-	6.14	6.14	Pass
HT40	MCS0	2	142	5710	16.19	15.61	18.92	-	-	6.14	6.14	-
				NII-2C	15.94	15.38	18.68	23.84	-	6.14	6.14	Pass
				NII-3	3.73	2.68	6.25	14.74	-	6.14	6.14	Pass
VHT20	MCS0	2	144	5720	16.71	16.37	19.55	-	-	6.14	6.14	-
				NII-2C	15.72	15.45	18.60	23.56	-	6.14	6.14	Pass
				NII-3	9.79	9.18	12.51	16.64	-	6.14	6.14	Pass
VHT40	MCS0	2	142	5710	16.33	15.72	19.04	-	-	6.14	6.14	-
				NII-2C	16.12	15.51	18.84	23.84	-	6.14	6.14	Pass
				NII-3	3.05	2.41	5.75	14.81	-	6.14	6.14	Pass
VHT80	MCS0	2	138	5690	15.22	14.69	17.98	-	-	6.14	6.14	-
				NII-2C	15.13	14.61	17.89	23.84	-	6.14	6.14	Pass
				NII-3	-1.53	-2.50	1.02	14.88	-	6.14	6.14	Pass

TEST RESULTS DATA
Power Spectral Density

Straddle Channel												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	
HT20	MCS0	2	144	NII-2C			7.99	10.86		6.14		Pass
				NII-3			7.99	29.86		6.14		Pass
HT40	MCS0	2	142	NII-2C			5.62	10.86		6.14		Pass
				NII-3			5.62	29.86		6.14		Pass
VHT20	MCS0	2	144	NII-2C			8.46	10.86		6.14		Pass
				NII-3			8.46	29.86		6.14		Pass
VHT40	MCS0	2	142	NII-2C			5.87	10.86		6.14		Pass
				NII-3			5.87	29.86		6.14		Pass
VHT80	MCS0	2	138	NII-2C			5.39	10.86		6.14		Pass
				NII-3			5.39	29.86		6.14		Pass