

Test Engineer:	osolemio Chang	Temperature:	23.4 ~ 24.5	°C
Test Date:	2016/1/13 ~ 2016/1/21	Relative Humidity:	52.9 ~ 54.1	%

**TEST RESULTS DATA**  
**6dB and 99% Occupied Bandwidth**

2.4GHz Band										
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Occupied BW (MHz)		6dB BW (MHz)		6dB BW Limit (MHz)	Pass/Fail
					Ant 1	Ant 2	Ant 1	Ant 2		
VHT20(10M)	MCS0	2	1	2412	10.23	10.23	8.84	8.86	0.50	Pass
VHT20(10M)	MCS0	2	6	2437	10.33	10.30	8.84	8.84	0.50	Pass
VHT20(10M)	MCS0	2	11	2462	10.38	10.18	8.86	8.86	0.50	Pass
VHT20	MCS0	2	1	2412	18.55	18.70	17.62	17.60	0.50	Pass
VHT20	MCS0	2	6	2437	18.50	18.55	17.60	17.60	0.50	Pass
VHT20	MCS0	2	11	2462	18.65	18.45	17.60	17.60	0.50	Pass
VHT40	MCS0	2	3	2422	36.60	36.60	36.32	35.84	0.50	Pass
VHT40	MCS0	2	6	2437	36.70	37.00	36.32	36.32	0.50	Pass
VHT40	MCS0	2	9	2452	36.70	36.80	36.12	36.40	0.50	Pass

**TEST RESULTS DATA**  
**Peak Output Power**

2.4GHz Band														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Peak Conducted Power (dBm)			Conducted Power Limit (dBm)		DG (dBi)		EIRP Power (dBm)		Pass /Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	
VHT20(10M)	MCS0	2	1	2412	24.40	24.43	27.43	28.00	28.00	13.00	13.00	40.43		Pass
VHT20(10M)	MCS0	2	6	2437	24.70	24.61	27.67	28.00	28.00	13.00	13.00	40.67		Pass
VHT20(10M)	MCS0	2	11	2462	24.73	24.83	27.79	28.00	28.00	13.00	13.00	40.79		Pass
VHT20	MCS0	2	1	2412	19.64	19.63	22.65	28.00	28.00	13.00	13.00	35.65		Pass
VHT20	MCS0	2	6	2437	24.61	24.78	27.71	28.00	28.00	13.00	13.00	40.71		Pass
VHT20	MCS0	2	11	2462	15.77	15.81	18.80	28.00	28.00	13.00	13.00	31.80		Pass
VHT40	MCS0	2	3	2422	14.04	14.44	17.25	28.00	28.00	13.00	13.00	30.25		Pass
VHT40	MCS0	2	6	2437	18.36	18.49	21.44	28.00	28.00	13.00	13.00	34.44		Pass
VHT40	MCS0	2	9	2452	18.36	11.55	14.48	28.00	28.00	13.00	13.00	27.48		Pass

Note: Measured power (dBm) has offset with cable loss.

**TEST RESULTS DATA**  
**Average Output Power**

2.4GHz Band									
Mod.	Data Rate	Ntx	CH.	Freq. (MHz)	Duty Factor (dB)		Average Conducted Power (dBm)		
					Ant 1	Ant 2	Ant 1	Ant 2	SUM
VHT20(10M)	MCS0	2	1	2412	0.13	0.17	18.60	18.49	21.56
VHT20(10M)	MCS0	2	6	2437	0.13	0.17	18.66	18.49	21.70
VHT20(10M)	MCS0	2	11	2462	0.13	0.17	18.68	18.49	21.80
VHT20	MCS0	2	1	2412	0.27	0.23	13.45	13.36	16.41
VHT20	MCS0	2	6	2437	0.27	0.23	18.50	13.36	21.77
VHT20	MCS0	2	11	2462	0.27	0.23	9.51	13.36	12.56
VHT40	MCS0	2	3	2422	0.52	0.52	7.97	7.99	10.99
VHT40	MCS0	2	6	2437	0.52	0.52	12.19	12.07	15.19
VHT40	MCS0	2	9	2452	0.52	0.52	5.28	5.31	8.30

Note: Measured power (dBm) has offset with cable loss.

**TEST RESULTS DATA**  
**Peak Power Spectral Density**

2.4GHz Band												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Peak PSD (dBm/3kHz)			DG (dBi)		Peak PSD Limit (dBm/3kHz)		Pass/Fail
					Ant 1	Ant 2	Worse + 3.01	Ant 1	Ant 2	Ant 1	Ant 2	
VHT20(10M)	MCS0	2	1	2412	-3.97	-4.61	-0.96	16.01		5.00		Pass
VHT20(10M)	MCS0	2	6	2437	-4.41	-4.22	-1.21	16.01		5.00		Pass
VHT20(10M)	MCS0	2	11	2462	-4.55	-3.74	-0.73	16.01		5.00		Pass
VHT20	MCS0	2	1	2412	-12.06	-12.59	-9.05	16.01		5.00		Pass
VHT20	MCS0	2	6	2437	-7.12	-8.16	-4.11	16.01		5.00		Pass
VHT20	MCS0	2	11	2462	-16.02	-15.43	-12.42	16.01		5.00		Pass
VHT40	MCS0	2	3	2422	-20.45	-21.00	-17.44	16.01		5.00		Pass
VHT40	MCS0	2	6	2437	-16.10	-15.77	-12.76	16.01		5.00		Pass
VHT40	MCS0	2	9	2452	-22.41	-22.41	-19.40	16.01		5.00		Pass

Measured power density (dBm) has offset with cable loss.