

Test Engineer:	osolemio Chang	Temperature:	22.7 ~ 23.5	°C
Test Date:	2016/1/13 ~ 2016/1/21	Relative Humidity:	52.4 ~ 53.8	%

TEST RESULTS DATA
6dB and 99% Occupied Bandwidth

2.4GHz Band										
Mod.	Data Rate	N _{TX}	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	10.18	10.33	8.84	8.86	0.50	Pass
VHT20(10M	MCS0	2	6	2437	10.35	10.28	8.84	8.84	0.50	Pass
VHT20(10M	MCS0	2	11	2462	10.25	10.20	8.86	8.84	0.50	Pass
VHT20	MCS0	2	1	2412	18.55	18.70	17.62	17.60	0.50	Pass
VHT20	MCS0	2	6	2437	18.65	18.65	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	N _{TX}	CH.	Freq. (MHz)	Peak Conducted Power (dBm)			Conducted Power Limit (dBm)		DG (dBi)		EIRP Power (dBm)		EIRP Power Limit (dBm)		Pass /Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	
VHT20(10M	MCS0	2	1	2412	19.41	19.62	22.53	23.00		13.00		35.53		36.00		Pass
VHT20(10M	MCS0	2	6	2437	19.45	19.71	22.59	23.00		13.00		35.59		36.00		Pass
VHT20(10M	MCS0	2	11	2462	19.42	19.24	22.34	23.00		13.00		35.34		36.00		Pass
VHT20	MCS0	2	1	2412	19.64	19.88	22.77	23.00		13.00		35.77		36.00		Pass
VHT20	MCS0	2	6	2437	19.72	19.97	22.86	23.00		13.00		35.86		36.00		Pass
VHT20	MCS0	2	11	2462	15.77	15.81	18.80	23.00		13.00		31.80		36.00		Pass
VHT40	MCS0	2	3	2422	14.04	14.44	17.25	23.00		13.00		30.25		36.00		Pass
VHT40	MCS0	2	6	2437	18.36	18.49	21.44	23.00		13.00		34.44		36.00		Pass
VHT40	MCS0	2	9	2452	18.36	11.55	14.48	23.00		13.00		27.48		36.00		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	13.22	13.64	16.45
VHT20(10M	MCS0	2	6	2437	0.13	0.17	13.57	13.84	16.72
VHT20(10M	MCS0	2	11	2462	0.13	0.17	13.27	13.14	16.22
VHT20	MCS0	2	1	2412	0.27	0.23	13.45	13.53	16.50
VHT20	MCS0	2	6	2437	0.27	0.23	13.59	13.53	16.65
VHT20	MCS0	2	11	2462	0.27	0.23	9.51	13.53	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	N _{TX}	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	-9.71	-9.39	-6.38	16.01		-2.01		Pass
VHT20(10M	MCS0	2	6	2437	-9.28	-8.82	-5.81	16.01		-2.01		Pass
VHT20(10M	MCS0	2	11	2462	-9.34	-10.26	-6.33	16.01		-2.01		Pass
VHT20	MCS0	2	1	2412	-12.06	-12.59	-9.05	16.01		-2.01		Pass
VHT20	MCS0	2	6	2437	-12.06	-12.42	-9.05	16.01		-2.01		Pass
VHT20	MCS0	2	11	2462	-16.02	-15.43	-12.42	16.01		-2.01		Pass
VHT40	MCS0	2	3	2422	-20.45	-21.00	-17.44	16.01		-2.01		Pass
VHT40	MCS0	2	6	2437	-16.10	-15.77	-12.76	16.01		-2.01		Pass
VHT40	MCS0	2	9	2452	-22.41	-22.41	-19.40	16.01		-2.01		Pass

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