

Report Number : FR561115

Test Engineer:	osolemio Chang / Stuart Lin	Temperature:	23.4	°C
Test Date:	2015/6/19	Relative Humidity:	53.7	%

IC 5.8GHz Band										
Mod.	Data Rate	N _{Tx}	Channel	Freq. (MHz)	99% Occupied BW (MHz)		6dB BW (MHz)		6dB BW Limit (MHz)	Pass/Fail
					Ant 1	Ant 2	Ant 1	Ant 2		
VHT10	MCS0	2	147	5735	10.44	10.34	8.82	8.81	0.50	Pass
VHT10	MCS0	2	158	5790	10.41	10.49	8.82	8.82	0.50	Pass
VHT10	MCS0	2	168	5840	10.43	10.40	8.84	8.82	0.50	Pass
VHT20	MCS0	2	148	5740	19.02	18.96	17.52	17.50	0.50	Pass
VHT20	MCS0	2	158	5790	18.96	19.02	17.56	17.52	0.50	Pass
VHT20	MCS0	2	167	5835	18.99	18.81	17.56	17.56	0.50	Pass
VHT30	MCS0	2	149	5745	27.99	28.17	26.56	26.52	0.50	Pass
VHT30	MCS0	2	158	5790	27.59	27.81	26.52	26.50	0.50	Pass
VHT30	MCS0	2	166	5830	27.90	27.85	26.56	26.56	0.50	Pass
VHT40	MCS0	2	150	5750	36.72	36.84	35.76	36.32	0.50	Pass
VHT40	MCS0	2	158	5790	36.72	36.78	35.60	36.24	0.50	Pass
VHT40	MCS0	2	165	5825	36.66	36.72	35.76	36.32	0.50	Pass
VHT50	MCS0	2	151	5755	44.93	44.78	43.90	44.70	0.50	Pass
VHT50	MCS0	2	158	5790	45.15	45.00	43.80	44.50	0.50	Pass
VHT50	MCS0	2	164	5820	45.08	45.00	43.80	44.50	0.50	Pass
VHT60	MCS0	2	152	5760	54.99	55.26	53.96	54.98	0.50	Pass
VHT60	MCS0	2	158	5790	55.26	55.17	54.92	54.92	0.50	Pass
VHT60	MCS0	2	163	5815	55.26	55.17	53.84	54.80	0.50	Pass
VHT80	MCS0	2	154	5770	75.84	76.20	73.28	75.52	0.50	Pass
VHT80	MCS0	2	158	5790	76.08	76.08	73.28	74.56	0.50	Pass
VHT80	MCS0	2	162	5810	75.84	75.96	73.28	75.52	0.50	Pass

IC 5.8GHz Band																
Mod.	Data Rate	N _T X	Channel	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	
VHT10	MCS0	2	147	5735	24.16	22.96	26.61	30.00		19.00		45.61		49.00		Pass
VHT10	MCS0	2	158	5790	22.80	21.77	25.33	30.00		19.00		44.33		49.00		Pass
VHT10	MCS0	2	168	5840	21.79	22.29	25.06	30.00		19.00		44.06		49.00		Pass
VHT20	MCS0	2	148	5740	25.49	24.84	28.19	30.00		19.00		47.19		49.00		Pass
VHT20	MCS0	2	158	5790	24.60	23.72	27.19	30.00		19.00		46.19		49.00		Pass
VHT20	MCS0	2	167	5835	24.88	24.81	27.86	30.00		19.00		46.86		49.00		Pass
VHT30	MCS0	2	149	5745	25.77	25.29	28.55	30.00		19.00		47.55		49.00		Pass
VHT30	MCS0	2	158	5790	25.83	25.39	28.63	30.00		19.00		47.63		49.00		Pass
VHT30	MCS0	2	166	5830	25.47	25.80	28.65	30.00		19.00		47.65		49.00		Pass
VHT40	MCS0	2	150	5750	25.57	25.16	28.38	30.00		19.00		47.38		49.00		Pass
VHT40	MCS0	2	158	5790	25.93	25.01	28.50	30.00		19.00		47.50		49.00		Pass
VHT40	MCS0	2	165	5825	25.68	25.51	28.61	30.00		19.00		47.61		49.00		Pass
VHT50	MCS0	2	151	5755	25.62	25.07	28.36	30.00		19.00		47.36		49.00		Pass
VHT50	MCS0	2	158	5790	26.15	25.16	28.69	30.00		19.00		47.69		49.00		Pass
VHT50	MCS0	2	164	5820	26.04	25.42	28.75	30.00		19.00		47.75		49.00		Pass
VHT60	MCS0	2	152	5760	25.79	25.13	28.48	30.00		19.00		47.48		49.00		Pass
VHT60	MCS0	2	158	5790	26.12	25.15	28.67	30.00		19.00		47.67		49.00		Pass
VHT60	MCS0	2	163	5815	25.99	25.29	28.66	30.00		19.00		47.66		49.00		Pass
VHT80	MCS0	2	154	5770	25.93	25.02	28.51	30.00		19.00		47.51		49.00		Pass
VHT80	MCS0	2	158	5790	26.05	24.98	28.56	30.00		19.00		47.56		49.00		Pass
VHT80	MCS0	2	162	5810	26.19	25.13	28.70	30.00		19.00		47.70		49.00		Pass

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

IC 5.8GHz Band									
Mod.	Data Rate	N	Tx Channel	Freq. (MHz)	Duty Factor (dB)		Average Conducted Power (dBm)		
					Ant 1	Ant 2	Ant 1	Ant 2	SUM
VHT10	MCS0	2	147	5735	0.00	0.00	19.51	18.61	22.09
VHT10	MCS0	2	158	5790	0.00	0.00	18.25	17.34	20.83
VHT10	MCS0	2	168	5840	0.00	0.00	17.36	18.01	20.71
VHT20	MCS0	2	148	5740	0.00	0.00	20.98	20.25	23.64
VHT20	MCS0	2	158	5790	0.00	0.00	20.05	19.30	22.70
VHT20	MCS0	2	167	5835	0.00	0.00	20.34	20.23	23.30
VHT30	MCS0	2	149	5745	0.00	0.00	21.49	20.75	24.15
VHT30	MCS0	2	158	5790	0.00	0.00	21.57	20.72	24.18
VHT30	MCS0	2	166	5830	0.00	0.00	21.08	21.30	24.20
VHT40	MCS0	2	150	5750	0.00	0.00	21.08	20.44	23.78
VHT40	MCS0	2	158	5790	0.00	0.00	21.56	20.43	24.04
VHT40	MCS0	2	165	5825	0.00	0.00	21.22	20.90	24.07
VHT50	MCS0	2	151	5755	0.00	0.00	21.34	20.33	23.87
VHT50	MCS0	2	158	5790	0.00	0.00	21.54	20.53	24.07
VHT50	MCS0	2	164	5820	0.00	0.00	21.44	20.98	24.23
VHT60	MCS0	2	152	5760	0.05	0.05	21.43	20.52	24.01
VHT60	MCS0	2	158	5790	0.05	0.05	21.71	20.64	24.21
VHT60	MCS0	2	163	5815	0.05	0.05	21.47	20.83	24.17
VHT80	MCS0	2	154	5770	0.06	0.06	21.25	20.29	23.80
VHT80	MCS0	2	158	5790	0.06	0.06	21.58	20.34	24.01
VHT80	MCS0	2	162	5810	0.06	0.06	21.30	20.57	23.96

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

IC 5.8GHz Band												
Mod.	Data Rate	N _{Tx}	Channel	Freq. (MHz)	Peak PSD (dBm/3kHz)			Antenna Gain		Peak PSD Limit (dBm/3kHz)		Pass/Fail
					Ant 1	Ant 2	Worse + 3.01	Ant 1	Ant 2	Ant 1	Ant 2	
VHT10	MCS0	2	147	5735	-1.48	-2.92	1.53	22.01		8.00		Pass
VHT10	MCS0	2	158	5790	-2.79	-3.25	0.22	22.01		8.00		Pass
VHT10	MCS0	2	168	5840	-3.52	-1.93	1.08	22.01		8.00		Pass
VHT20	MCS0	2	148	5740	-2.68	-4.63	0.33	22.01		8.00		Pass
VHT20	MCS0	2	158	5790	-3.33	-4.17	-0.32	22.01		8.00		Pass
VHT20	MCS0	2	167	5835	-3.47	-4.05	-0.46	22.01		8.00		Pass
VHT30	MCS0	2	149	5745	-4.72	-5.03	-1.71	22.01		8.00		Pass
VHT30	MCS0	2	158	5790	-4.59	-5.80	-1.58	22.01		8.00		Pass
VHT30	MCS0	2	166	5830	-5.93	-4.36	-1.35	22.01		8.00		Pass
VHT40	MCS0	2	150	5750	-5.82	-7.79	-2.81	22.01		8.00		Pass
VHT40	MCS0	2	158	5790	-5.92	-5.94	-2.91	22.01		8.00		Pass
VHT40	MCS0	2	165	5825	-6.17	-7.62	-3.16	22.01		8.00		Pass
VHT50	MCS0	2	151	5755	-6.99	-8.35	-3.98	22.01		8.00		Pass
VHT50	MCS0	2	158	5790	-6.88	-8.39	-3.87	22.01		8.00		Pass
VHT50	MCS0	2	164	5820	-5.97	-6.74	-2.96	22.01		8.00		Pass
VHT60	MCS0	2	152	5760	-7.26	-8.20	-4.25	22.01		8.00		Pass
VHT60	MCS0	2	158	5790	-6.97	-8.20	-3.96	22.01		8.00		Pass
VHT60	MCS0	2	163	5815	-7.95	-8.30	-4.94	22.01		8.00		Pass
VHT80	MCS0	2	154	5770	-7.81	-10.10	-4.80	22.01		8.00		Pass
VHT80	MCS0	2	158	5790	-7.42	-10.03	-4.41	22.01		8.00		Pass
VHT80	MCS0	2	162	5810	-7.51	-10.37	-4.50	22.01		8.00		Pass

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