

Report Number : FR570611

Test Engineer:	Osolemio Chang	Temperature:	23~24	°C
Test Date:	2015/7/16	Relative Humidity:	53~54	%

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	10.74	10.78	8.88	8.86	0.50	Pass
VHT10	MCS0	2	158	5790	10.74	10.60	8.84	8.86	0.50	Pass
VHT10	MCS0	2	168	5840	10.64	10.50	8.84	8.84	0.50	Pass
VHT20	MCS0	2	148	5740	19.08	19.17	17.56	17.64	0.50	Pass
VHT20	MCS0	2	158	5790	19.02	18.99	17.56	17.56	0.50	Pass
VHT20	MCS0	2	167	5835	19.17	18.84	17.60	17.56	0.50	Pass
VHT30	MCS0	2	149	5745	28.45	28.58	26.56	26.58	0.50	Pass
VHT30	MCS0	2	158	5790	28.62	28.17	26.58	26.58	0.50	Pass
VHT30	MCS0	2	166	5830	28.53	28.35	26.58	26.58	0.50	Pass
VHT40	MCS0	2	150	5750	37.08	37.20	36.40	36.32	0.50	Pass
VHT40	MCS0	2	158	5790	37.08	36.84	36.40	36.32	0.50	Pass
VHT40	MCS0	2	165	5825	37.08	36.90	36.40	36.08	0.50	Pass
VHT50	MCS0	2	151	5755	45.30	45.15	44.70	44.60	0.50	Pass
VHT50	MCS0	2	158	5790	45.15	44.85	44.70	44.60	0.50	Pass
VHT50	MCS0	2	164	5820	45.23	44.93	44.70	44.30	0.50	Pass
VHT60	MCS0	2	152	5760	55.44	55.35	54.92	54.92	0.50	Pass
VHT60	MCS0	2	158	5790	55.44	55.08	54.96	54.96	0.50	Pass
VHT60	MCS0	2	163	5815	55.71	55.20	54.84	54.60	0.50	Pass
VHT80	MCS0	2	154	5770	76.44	76.20	75.84	73.28	0.50	Pass
VHT80	MCS0	2	158	5790	76.20	75.84	75.68	74.56	0.50	Pass
VHT80	MCS0	2	162	5810	76.32	75.96	75.52	73.28	0.50	Pass

IC 5.8GHz Band																
Mod.	Data Rate	N _{TX}	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	27.28	26.66	29.99	30.00		16.00		45.99		46.00		Pass
VHT10	MCS0	2	158	5790	26.68	27.03	29.87	30.00		16.00		45.87		46.00		Pass
VHT10	MCS0	2	168	5840	26.89	26.96	29.94	30.00		16.00		45.94		46.00		Pass
VHT20	MCS0	2	148	5740	27.03	26.90	29.98	30.00		16.00		45.98		46.00		Pass
VHT20	MCS0	2	158	5790	26.79	27.10	29.96	30.00		16.00		45.96		46.00		Pass
VHT20	MCS0	2	167	5835	26.90	26.97	29.95	30.00		16.00		45.95		46.00		Pass
VHT30	MCS0	2	149	5745	27.22	26.57	29.92	30.00		16.00		45.92		46.00		Pass
VHT30	MCS0	2	158	5790	27.08	26.77	29.94	30.00		16.00		45.94		46.00		Pass
VHT30	MCS0	2	166	5830	27.24	26.68	29.98	30.00		16.00		45.98		46.00		Pass
VHT40	MCS0	2	150	5750	27.28	26.62	29.97	30.00		16.00		45.97		46.00		Pass
VHT40	MCS0	2	158	5790	27.21	25.49	29.44	30.00		16.00		45.44		46.00		Pass
VHT40	MCS0	2	165	5825	27.45	23.25	28.85	30.00		16.00		44.85		46.00		Pass
VHT50	MCS0	2	151	5755	27.30	26.55	29.95	30.00		16.00		45.95		46.00		Pass
VHT50	MCS0	2	158	5790	27.24	25.43	29.44	30.00		16.00		45.44		46.00		Pass
VHT50	MCS0	2	164	5820	27.45	23.75	28.99	30.00		16.00		44.99		46.00		Pass
VHT60	MCS0	2	152	5760	27.37	26.42	29.93	30.00		16.00		45.93		46.00		Pass
VHT60	MCS0	2	158	5790	27.22	25.60	29.50	30.00		16.00		45.50		46.00		Pass
VHT60	MCS0	2	163	5815	27.42	23.61	28.93	30.00		16.00		44.93		46.00		Pass
VHT80	MCS0	2	154	5770	27.75	25.72	29.86	30.00		16.00		45.86		46.00		Pass
VHT80	MCS0	2	158	5790	27.67	24.87	29.50	30.00		16.00		45.50		46.00		Pass
VHT80	MCS0	2	162	5810	28.20	23.34	29.43	30.00		16.00		45.43		46.00		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	24.39	23.69	27.06
VHT10	MCS0	2	158	5790	0.00	0.00	23.56	23.75	26.67
VHT10	MCS0	2	168	5840	0.00	0.00	23.65	23.21	26.45
VHT20	MCS0	2	148	5740	0.00	0.00	23.54	23.72	26.64
VHT20	MCS0	2	158	5790	0.00	0.00	23.66	23.78	26.73
VHT20	MCS0	2	167	5835	0.00	0.00	23.89	23.16	26.55
VHT30	MCS0	2	149	5745	0.00	0.00	24.32	23.67	27.02
VHT30	MCS0	2	158	5790	0.00	0.00	24.34	23.77	27.07
VHT30	MCS0	2	166	5830	0.00	0.00	24.43	23.55	27.02
VHT40	MCS0	2	150	5750	0.00	0.00	23.81	22.94	26.41
VHT40	MCS0	2	158	5790	0.00	0.00	23.72	20.75	25.49
VHT40	MCS0	2	165	5825	0.00	0.00	24.00	18.57	25.09
VHT50	MCS0	2	151	5755	0.00	0.00	23.68	22.74	26.25
VHT50	MCS0	2	158	5790	0.00	0.00	23.91	20.87	25.66
VHT50	MCS0	2	164	5820	0.00	0.00	23.86	19.03	25.09
VHT60	MCS0	2	152	5760	0.04	0.04	23.99	22.82	26.46
VHT60	MCS0	2	158	5790	0.04	0.04	24.10	21.06	25.85
VHT60	MCS0	2	163	5815	0.04	0.04	23.95	19.14	25.19
VHT80	MCS0	2	154	5770	0.06	0.06	20.08	18.06	22.19
VHT80	MCS0	2	158	5790	0.06	0.06	20.03	16.89	21.75
VHT80	MCS0	2	162	5810	0.06	0.06	20.15	15.63	21.46

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	0.05	0.42	3.43	19.01		8.00		Pass
VHT10	MCS0	2	158	5790	1.27	0.81	4.28	19.01		8.00		Pass
VHT10	MCS0	2	168	5840	0.46	0.11	3.47	19.01		8.00		Pass
VHT20	MCS0	2	148	5740	-3.16	-2.13	0.88	19.01		8.00		Pass
VHT20	MCS0	2	158	5790	-1.57	-1.90	1.44	19.01		8.00		Pass
VHT20	MCS0	2	167	5835	-2.08	-3.53	0.93	19.01		8.00		Pass
VHT30	MCS0	2	149	5745	-3.93	-4.59	-0.92	19.01		8.00		Pass
VHT30	MCS0	2	158	5790	-4.54	-5.23	-1.53	19.01		8.00		Pass
VHT30	MCS0	2	166	5830	-3.46	-3.56	-0.45	19.01		8.00		Pass
VHT40	MCS0	2	150	5750	-6.51	-6.55	-3.50	19.01		8.00		Pass
VHT40	MCS0	2	158	5790	-5.72	-7.71	-2.71	19.01		8.00		Pass
VHT40	MCS0	2	165	5825	-5.53	-9.39	-2.52	19.01		8.00		Pass
VHT50	MCS0	2	151	5755	-5.98	-6.70	-2.97	19.01		8.00		Pass
VHT50	MCS0	2	158	5790	-6.59	-8.91	-3.58	19.01		8.00		Pass
VHT50	MCS0	2	164	5820	-5.39	-10.20	-2.38	19.01		8.00		Pass
VHT60	MCS0	2	152	5760	-7.24	-7.85	-4.23	19.01		8.00		Pass
VHT60	MCS0	2	158	5790	-7.23	-9.26	-4.22	19.01		8.00		Pass
VHT60	MCS0	2	163	5815	-7.70	-11.42	-4.69	19.01		8.00		Pass
VHT80	MCS0	2	154	5770	-12.39	-14.75	-9.38	19.01		8.00		Pass
VHT80	MCS0	2	158	5790	-12.13	-15.86	-9.12	19.01		8.00		Pass
VHT80	MCS0	2	162	5810	-12.40	-17.15	-9.39	19.01		8.00		Pass

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