

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	NTX	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.