

Effective (Isotropic) Radiated Power Output Data

Test Result

LTE Band 12				Conducted Power(dBm)			ERP(dBm)			Limit	Verdict
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel		
				23017	23095	23173	23017	23095	23173		
1.4MHz	QPSK	1	0	21.96	21.88	21.94	19.70	19.62	19.68	34.77	PASS
		1	2	21.94	21.92	21.91	19.68	19.66	19.65	34.77	PASS
		1	5	21.79	21.82	21.82	19.53	19.56	19.56	34.77	PASS
		3	0	21.85	21.85	21.83	19.59	19.59	19.57	34.77	PASS
		3	2	21.89	21.97	21.79	19.63	19.71	19.53	34.77	PASS
		3	3	21.94	21.91	21.83	19.68	19.65	19.57	34.77	PASS
		6	0	21.76	21.89	21.76	19.50	19.63	19.50	34.77	PASS
	16QAM	1	0	21.81	21.83	21.92	19.55	19.57	19.66	34.77	PASS
		1	2	21.96	21.91	21.85	19.70	19.65	19.59	34.77	PASS
		1	5	21.86	21.86	21.86	19.60	19.60	19.60	34.77	PASS
		3	0	21.82	21.80	21.77	19.56	19.54	19.51	34.77	PASS
		3	2	21.81	21.89	21.85	19.55	19.63	19.59	34.77	PASS
		3	3	21.78	21.97	21.74	19.52	19.71	19.48	34.77	PASS
		6	0	21.77	21.90	21.76	19.51	19.64	19.50	34.77	PASS
	64QAM	1	0	21.70	21.73	21.81	19.44	19.47	19.55	34.77	PASS
		1	2	21.72	21.71	21.72	19.46	19.45	19.46	34.77	PASS
		1	5	21.65	21.72	21.67	19.39	19.46	19.41	34.77	PASS
		3	0	20.49	20.48	20.43	18.23	18.22	18.17	34.77	PASS
		3	2	20.57	20.39	20.43	18.31	18.13	18.17	34.77	PASS
		3	3	20.52	20.44	20.63	18.26	18.18	18.37	34.77	PASS
		6	0	20.53	20.44	20.50	18.27	18.18	18.24	34.77	PASS
	256QAM	1	0	18.64	18.61	18.63	16.38	16.35	16.37	34.77	PASS
		1	2	18.62	18.70	18.69	16.36	16.44	16.43	34.77	PASS
		1	5	18.65	18.76	18.68	16.39	16.5	16.42	34.77	PASS
		3	0	18.63	18.56	18.60	16.37	16.3	16.34	34.77	PASS
		3	2	18.51	18.61	18.66	16.25	16.35	16.4	34.77	PASS
		3	3	18.73	18.67	18.71	16.47	16.41	16.45	34.77	PASS
		6	0	18.64	18.54	18.51	16.38	16.28	16.25	34.77	PASS
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Limit	Verdict
3MHz	QPSK	1	0	21.90	21.83	21.98	19.64	19.57	19.72	34.77	PASS
		1	7	21.91	21.88	21.92	19.65	19.62	19.66	34.77	PASS
		1	14	21.79	21.91	21.90	19.53	19.65	19.64	34.77	PASS
		8	0	21.92	21.90	21.87	19.66	19.64	19.61	34.77	PASS
		8	4	21.82	21.91	21.85	19.56	19.65	19.59	34.77	PASS
		8	7	21.88	21.92	21.81	19.62	19.66	19.55	34.77	PASS

		15	0	21.74	21.83	21.84	19.48	19.57	19.58	34.77	PASS
	16QAM	1	0	21.77	21.89	21.87	19.51	19.63	19.61	34.77	PASS
		1	7	21.92	21.89	21.78	19.66	19.63	19.52	34.77	PASS
		1	14	21.82	21.96	21.83	19.56	19.70	19.57	34.77	PASS
		8	0	21.86	21.77	21.82	19.60	19.51	19.56	34.77	PASS
		8	4	21.80	21.85	21.87	19.54	19.59	19.61	34.77	PASS
		8	7	21.75	21.96	21.79	19.49	19.70	19.53	34.77	PASS
		15	0	21.77	21.83	21.77	19.51	19.57	19.51	34.77	PASS
	64QAM	1	0	21.79	21.72	21.80	19.53	19.46	19.54	34.77	PASS
		1	7	21.68	21.68	21.73	19.42	19.42	19.47	34.77	PASS
		1	14	21.63	21.64	21.56	19.37	19.38	19.30	34.77	PASS
		8	0	20.55	20.49	20.45	18.29	18.23	18.19	34.77	PASS
		8	4	20.60	20.37	20.55	18.34	18.11	18.29	34.77	PASS
		8	7	20.51	20.50	20.57	18.25	18.24	18.31	34.77	PASS
		15	0	20.64	20.45	20.54	18.38	18.19	18.28	34.77	PASS
	256QAM	1	0	18.58	18.69	18.63	16.32	16.43	16.37	34.77	PASS
		1	7	18.66	18.69	18.74	16.4	16.43	16.48	34.77	PASS
		1	14	18.57	18.78	18.71	16.31	16.52	16.45	34.77	PASS
		8	0	18.63	18.69	18.68	16.37	16.43	16.42	34.77	PASS
		8	4	18.63	18.55	18.59	16.37	16.29	16.33	34.77	PASS
		8	7	18.59	18.63	18.76	16.33	16.37	16.5	34.77	PASS
		15	0	18.69	18.66	18.54	16.43	16.4	16.28	34.77	PASS
Bandwidth	Modulation	RB size	RB offset	Channel 23035	Channel 23095	Channel 23155	Channel 23035	Channel 23095	Channel 23155	Limit	Verdict
5MHz	QPSK	1	0	21.91	21.85	21.98	19.65	19.59	19.72	34.77	PASS
		1	13	21.92	21.99	21.92	19.66	19.73	19.66	34.77	PASS
		1	24	21.84	21.87	21.91	19.58	19.61	19.65	34.77	PASS
		12	0	21.91	21.97	21.84	19.65	19.71	19.58	34.77	PASS
		12	6	21.91	21.95	21.90	19.65	19.69	19.64	34.77	PASS
		12	13	21.93	21.94	21.88	19.67	19.68	19.62	34.77	PASS
		25	0	21.77	21.84	21.76	19.51	19.58	19.50	34.77	PASS
	16QAM	1	0	21.79	21.82	21.94	19.53	19.56	19.68	34.77	PASS
		1	13	21.97	21.87	21.75	19.71	19.61	19.49	34.77	PASS
		1	24	21.91	21.94	21.77	19.65	19.68	19.51	34.77	PASS
		12	0	21.82	21.84	21.88	19.56	19.58	19.62	34.77	PASS
		12	6	21.72	21.80	21.81	19.46	19.54	19.55	34.77	PASS
		12	13	21.83	21.88	21.77	19.57	19.62	19.51	34.77	PASS
		25	0	21.77	21.94	21.85	19.51	19.68	19.59	34.77	PASS
	64QAM	1	0	21.70	21.80	21.79	19.44	19.54	19.53	34.77	PASS
		1	13	21.71	21.75	21.80	19.45	19.49	19.54	34.77	PASS
		1	24	21.58	21.65	21.57	19.32	19.39	19.31	34.77	PASS
		12	0	20.54	20.54	20.44	18.28	18.28	18.18	34.77	PASS
		12	6	20.65	20.42	20.45	18.39	18.16	18.19	34.77	PASS
		12	13	20.57	20.44	20.62	18.31	18.18	18.36	34.77	PASS
		25	0	20.52	20.41	20.54	18.26	18.15	18.28	34.77	PASS

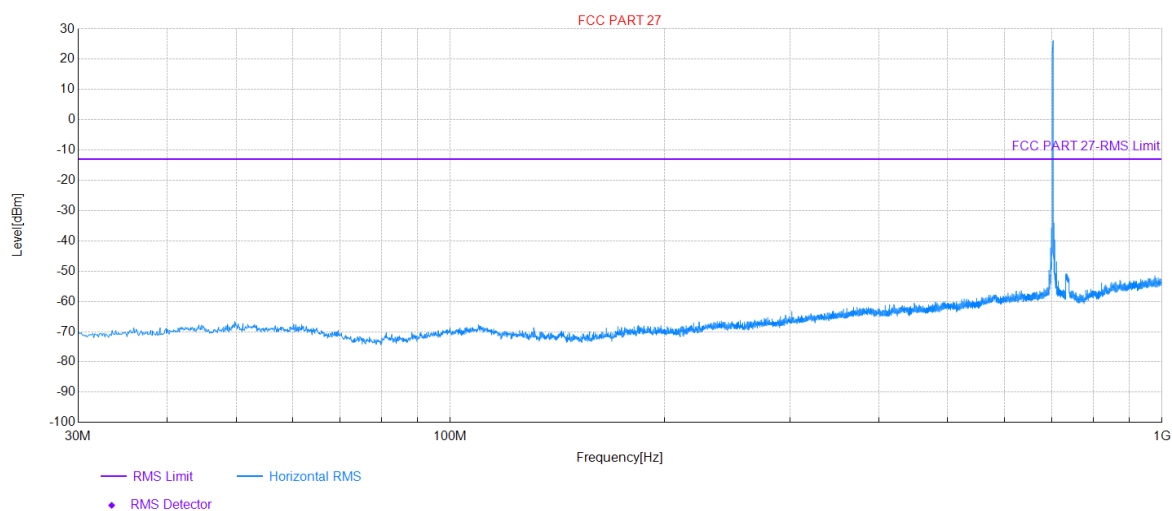
	256QAM	1	0	18.60	18.66	18.61	16.34	16.4	16.35	34.77	PASS
		1	13	18.67	18.78	18.74	16.41	16.52	16.48	34.77	PASS
		1	24	18.71	18.78	18.76	16.45	16.52	16.5	34.77	PASS
		12	0	18.48	18.73	18.68	16.22	16.47	16.42	34.77	PASS
		12	6	18.61	18.63	18.66	16.35	16.37	16.4	34.77	PASS
		12	13	18.66	18.61	18.64	16.4	16.35	16.38	34.77	PASS
		25	0	18.71	18.55	18.65	16.45	16.29	16.39	34.77	PASS
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Limit	Verdict
				23060	23095	23130	23060	23095	23130		
10MHz	QPSK	1	0	21.97	21.96	22.00	19.71	19.70	19.74	34.77	PASS
		1	25	22.00	22.06	21.95	19.74	19.80	19.69	34.77	PASS
		1	49	21.89	21.94	21.92	19.63	19.68	19.66	34.77	PASS
		25	0	21.96	21.98	21.88	19.70	19.72	19.62	34.77	PASS
		25	13	21.95	22.00	21.91	19.69	19.74	19.65	34.77	PASS
		25	25	21.96	21.97	21.93	19.70	19.71	19.67	34.77	PASS
		50	0	21.84	21.95	21.85	19.58	19.69	19.59	34.77	PASS
	16QAM	1	0	21.86	21.95	21.96	19.60	19.69	19.70	34.77	PASS
		1	25	21.99	21.98	21.86	19.73	19.72	19.60	34.77	PASS
		1	49	21.93	21.97	21.87	19.67	19.71	19.61	34.77	PASS
		25	0	21.91	21.89	21.90	19.65	19.63	19.64	34.77	PASS
		25	13	21.85	21.91	21.91	19.59	19.65	19.65	34.77	PASS
		25	25	21.88	21.98	21.83	19.62	19.72	19.57	34.77	PASS
		50	0	21.90	21.96	21.86	19.64	19.70	19.60	34.77	PASS
	64QAM	1	0	21.83	21.81	21.86	19.57	19.55	19.60	34.77	PASS
		1	25	21.77	21.77	21.82	19.51	19.51	19.56	34.77	PASS
		1	49	21.71	21.75	21.69	19.45	19.49	19.43	34.77	PASS
		25	0	20.60	20.56	20.55	18.34	18.30	18.29	34.77	PASS
		25	13	20.67	20.49	20.56	18.41	18.23	18.30	34.77	PASS
		25	25	20.59	20.54	20.67	18.33	18.28	18.41	34.77	PASS
		50	0	20.65	20.52	20.57	18.39	18.26	18.31	34.77	PASS
	256QAM	1	0	18.65	18.67	18.66	16.39	16.41	16.4	34.77	PASS
		1	25	18.66	18.68	18.65	16.4	16.42	16.39	34.77	PASS
		1	49	18.64	18.77	18.70	16.38	16.51	16.44	34.77	PASS
		25	0	18.54	18.63	18.60	16.28	16.37	16.34	34.77	PASS
		25	13	18.55	18.58	18.57	16.29	16.32	16.31	34.77	PASS
		25	25	18.63	18.67	18.66	16.37	16.41	16.4	34.77	PASS
		50	0	18.66	18.61	18.58	16.4	16.35	16.32	34.77	PASS

Field Strength of Spurious Radiation

Below 1GHz

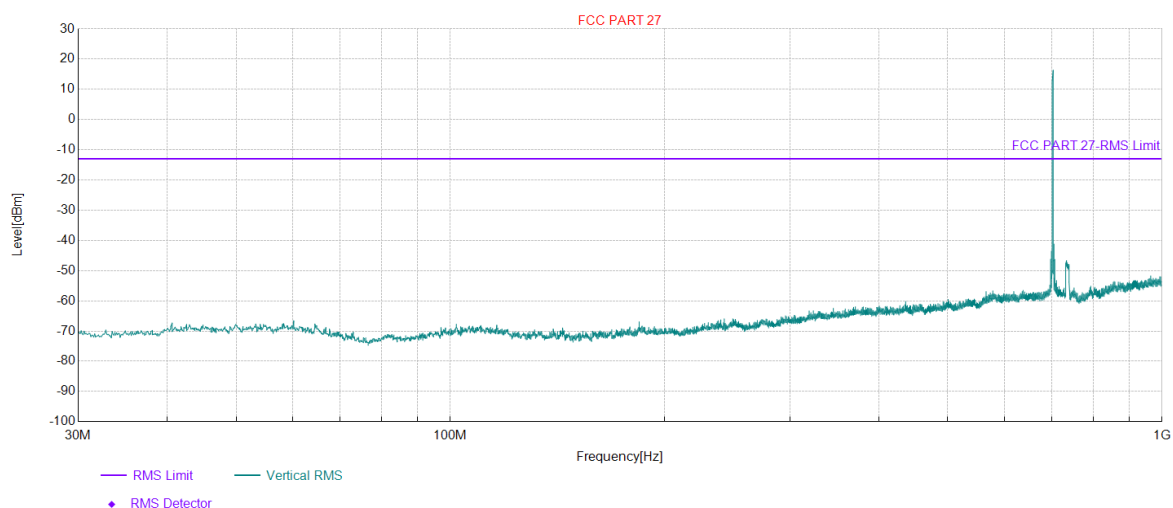
Project Information			
Mode:	LTE B12	Band:	Band 12
Bandwidth:	10M	Channel:	Mid
IMEI:	862513050026243	Engineer:	欧树炎
Remark:	X		
Test Standard: FCC PART 27			

Test Graph



Project Information			
Mode:	LTE B12	Band:	Band 12
Bandwidth:	10M	Channel:	Mid
IMEI:	862513050026243	Engineer:	欧树炎
Remark:	X		
Test Standard: FCC PART 27			

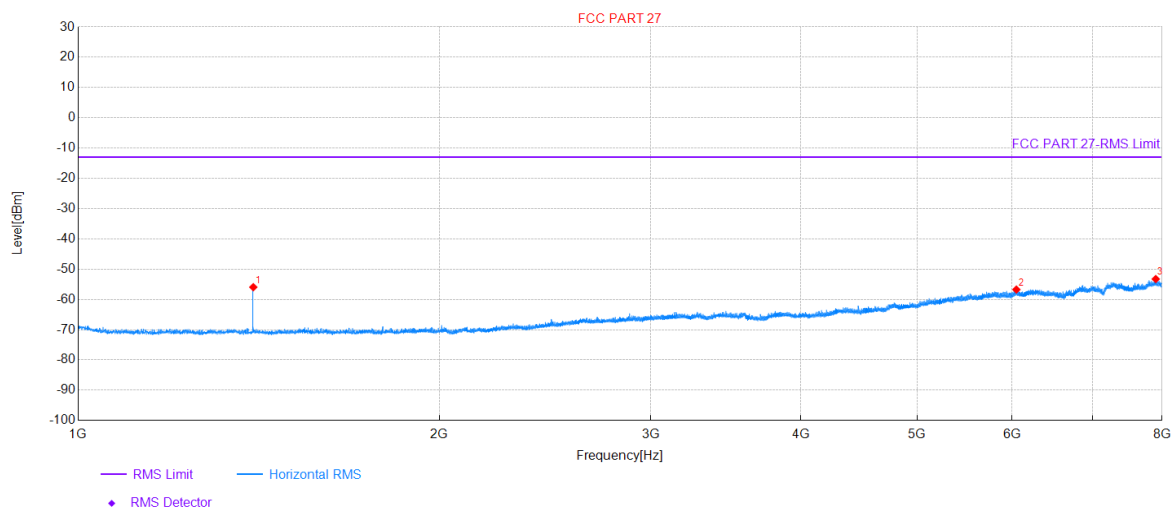
Test Graph



Above 1GHz

Project Information			
Mode:	LTE	Band:	B12
Bandwidth:	10M	Channel:	Low
IMEI:	862513050026243	Engineer:	欧树炎
Remark:	X		
Test Standard: FCC PART 27			

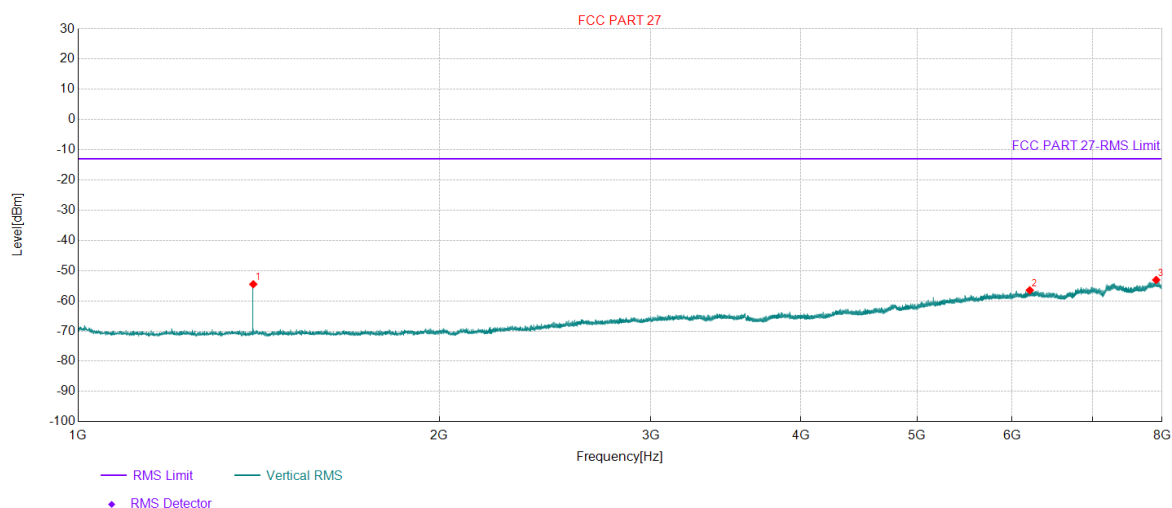
Test Graph



Data List											
NO.	Freq. [MHz]	Reading [dBuV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Trace	Polarity	Verdict
1	1399.35	58.35	-114.31	-55.96	-13.00	42.96	136	81	RMS	Horizontal	PASS
2	6049.8	42.70	-99.44	-56.74	-13.00	43.74	181	130	RMS	Horizontal	PASS
3	7903.75	42.40	-95.67	-53.27	-13.00	40.27	274	345	RMS	Horizontal	PASS

Project Information			
Mode:	LTE	Band:	B12
Bandwidth:	10M	Channel:	Low
IMEI:	862513050026243	Engineer:	欧树炎
Remark:	X		
Test Standard: FCC PART 27			

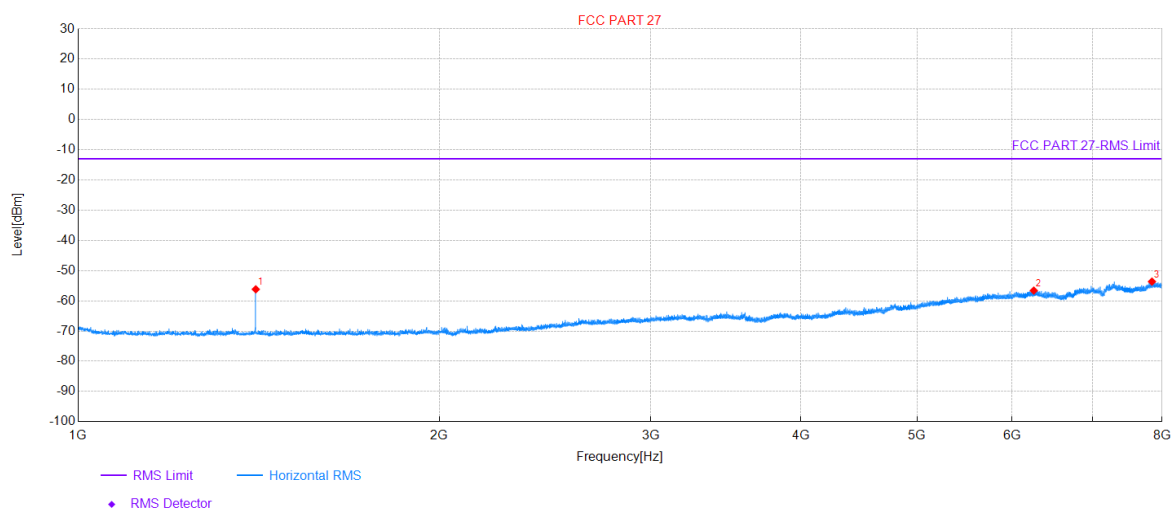
Test Graph



Data List											
NO.	Freq. [MHz]	Reading [dBuV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Trace	Polarity	Verdict
1	1399.35	59.82	-114.31	-54.49	-13.00	41.49	117	293	RMS	Vertical	PASS
2	6206.95	42.85	-99.35	-56.50	-13.00	43.50	264	194	RMS	Vertical	PASS
3	7910.4	42.56	-95.64	-53.08	-13.00	40.08	220	247	RMS	Vertical	PASS

Project Information			
Mode:	LTE	Band:	B12
Bandwidth:	10M	Channel:	Mid
IMEI:	862513050026243	Engineer:	欧树炎
Remark:	X		
Test Standard: FCC PART 27			

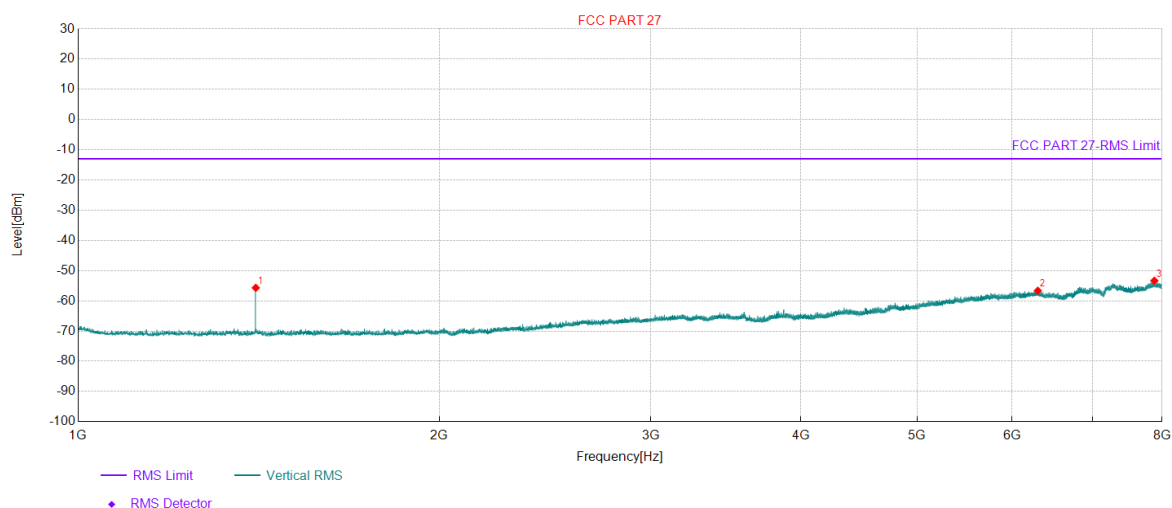
Test Graph



Data List											
NO.	Freq. [MHz]	Reading [dBuV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Trace	Polarity	Verdict
1	1406	58.15	-114.33	-56.18	-13.00	43.18	213	74	RMS	Horizontal	PASS
2	6255.25	42.72	-99.32	-56.60	-13.00	43.60	114	4	RMS	Horizontal	PASS
3	7846.7	42.16	-95.79	-53.63	-13.00	40.63	188	242	RMS	Horizontal	PASS

Project Information			
Mode:	LTE	Band:	B12
Bandwidth:	10M	Channel:	Mid
IMEI:	862513050026243	Engineer:	欧树炎
Remark:	X		
Test Standard: FCC PART 27			

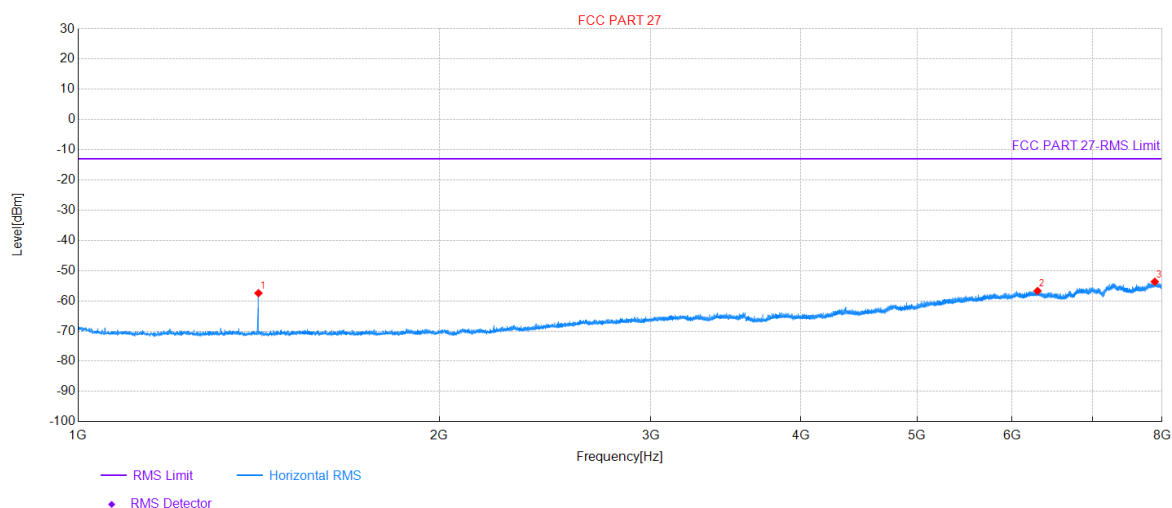
Test Graph



Data List											
NO.	Freq. [MHz]	Reading [dBuV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Trace	Polarity	Verdict
1	1406	58.65	-114.33	-55.68	-13.00	42.68	158	297	RMS	Vertical	PASS
2	6303.55	42.22	-98.87	-56.65	-13.00	43.65	160	34	RMS	Vertical	PASS
3	7883.1	42.39	-95.73	-53.34	-13.00	40.34	105	333	RMS	Vertical	PASS

Project Information			
Mode:	LTE	Band:	B12
Bandwidth:	10M	Channel:	High
IMEI:	862513050026243	Engineer:	欧树炎
Remark:	X		
Test Standard: FCC PART 27			

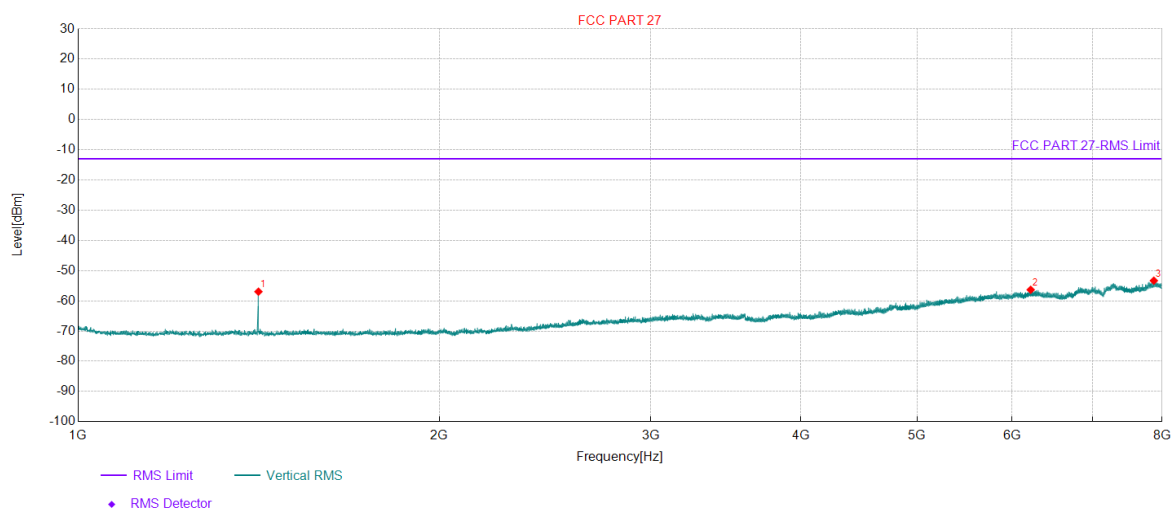
Test Graph



Data List											
NO.	Freq. [MHz]	Reading [dBuV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Trace	Polarity	Verdict
1	1413.35	56.90	-114.35	-57.45	-13.00	44.45	238	44	RMS	Horizontal	PASS
2	6300.05	42.14	-98.85	-56.71	-13.00	43.71	212	303	RMS	Horizontal	PASS
3	7889.05	42.04	-95.71	-53.67	-13.00	40.67	151	143	RMS	Horizontal	PASS

Project Information			
Mode:	LTE	Band:	B12
Bandwidth:	10M	Channel:	High
IMEI:	862513050026243	Engineer:	欧树炎
Remark:	X		
Test Standard: FCC PART 27			

Test Graph



Data List											
NO.	Freq. [MHz]	Reading [dBuV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Trace	Polarity	Verdict
1	1413.35	57.39	-114.35	-56.96	-13.00	43.96	205	323	RMS	Vertical	PASS
2	6217.8	43.02	-99.36	-56.34	-13.00	43.34	222	153	RMS	Vertical	PASS
3	7875.4	42.42	-95.74	-53.32	-13.00	40.32	115	71	RMS	Vertical	PASS