

Effective (Isotropic) Radiated Power Output Data

Test Result

LTE Band 48(3550~3700)				Conducted Power(dBm)			EIRP(dBm)			Limit	Verdict
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel		
				55265	55748	56232	55265	55748	56232		
5MHz	QPSK	1	0	16.74	16.51	16.63	17.39	17.16	17.28	23.00	PASS
		1	13	16.63	16.73	16.74	17.28	17.38	17.39	23.00	PASS
		1	24	16.60	16.54	16.74	17.25	17.19	17.39	23.00	PASS
		12	0	16.67	16.71	16.60	17.32	17.36	17.25	23.00	PASS
		12	6	16.62	16.63	16.50	17.27	17.28	17.15	23.00	PASS
		12	13	16.71	16.72	16.62	17.36	17.37	17.27	23.00	PASS
		25	0	16.67	16.57	16.64	17.32	17.22	17.29	23.00	PASS
	16QAM	1	0	16.76	16.56	16.60	17.41	17.21	17.25	23.00	PASS
		1	13	16.62	16.71	16.74	17.27	17.36	17.39	23.00	PASS
		1	24	16.71	16.70	16.58	17.36	17.35	17.23	23.00	PASS
		12	0	16.65	16.74	16.70	17.30	17.39	17.35	23.00	PASS
		12	6	16.71	16.70	16.68	17.36	17.35	17.33	23.00	PASS
		12	13	16.75	16.65	16.61	17.40	17.30	17.26	23.00	PASS
		25	0	16.68	16.70	16.72	17.33	17.35	17.37	23.00	PASS
	64QAM	1	0	16.47	16.54	16.63	17.12	17.19	17.28	23.00	PASS
		1	13	16.54	16.63	16.63	17.19	17.28	17.28	23.00	PASS
		1	24	16.71	16.69	16.60	17.36	17.34	17.25	23.00	PASS
		12	0	16.74	16.75	16.51	17.39	17.40	17.16	23.00	PASS
		12	6	16.72	16.72	16.69	17.37	17.37	17.34	23.00	PASS
		12	13	16.67	16.72	16.71	17.32	17.37	17.36	23.00	PASS
		25	0	16.70	16.70	16.66	17.35	17.35	17.31	23.00	PASS
	256QAM	1	0	16.56	16.43	16.57	17.21	17.08	17.22	23.00	PASS
		1	13	16.46	16.61	16.65	17.11	17.26	17.3	23.00	PASS
		1	24	16.64	16.54	16.76	17.29	17.19	17.41	23.00	PASS
		12	0	16.58	16.73	16.63	17.23	17.38	17.28	23.00	PASS
		12	6	16.71	16.74	16.67	17.36	17.39	17.32	23.00	PASS
		12	13	16.58	16.76	16.58	17.23	17.41	17.23	23.00	PASS
		25	0	16.56	16.60	16.70	17.21	17.25	17.35	23.00	PASS
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Limit	Verdict
				55290	55757	56223	55290	55757	56223		
10MHz	QPSK	1	0	16.67	16.52	16.53	17.32	17.17	17.18	23.00	PASS
		1	25	16.75	16.64	16.74	17.40	17.29	17.39	23.00	PASS
		1	49	16.59	16.62	16.65	17.24	17.27	17.30	23.00	PASS
		25	0	16.52	16.64	16.76	17.17	17.29	17.41	23.00	PASS
		25	13	16.70	16.72	16.75	17.35	17.37	17.40	23.00	PASS
		25	25	16.67	16.68	16.72	17.32	17.33	17.37	23.00	PASS

		50	0	16.64	16.55	16.76	17.29	17.20	17.41	23.00	PASS
	16QAM	1	0	16.77	16.72	16.71	17.42	17.37	17.36	23.00	PASS
		1	25	16.73	16.52	16.68	17.38	17.17	17.33	23.00	PASS
		1	49	16.51	16.74	16.68	17.16	17.39	17.33	23.00	PASS
		25	0	16.61	16.71	16.67	17.26	17.36	17.32	23.00	PASS
		25	13	16.62	16.75	16.72	17.27	17.40	17.37	23.00	PASS
		25	25	16.76	16.62	16.72	17.41	17.27	17.37	23.00	PASS
		50	0	16.62	16.75	16.76	17.27	17.40	17.41	23.00	PASS
	64QAM	1	0	16.35	16.38	16.60	17.00	17.03	17.25	23.00	PASS
		1	25	16.51	16.61	16.50	17.16	17.26	17.15	23.00	PASS
		1	49	16.69	16.67	16.61	17.34	17.32	17.26	23.00	PASS
		25	0	16.66	16.67	16.58	17.31	17.32	17.23	23.00	PASS
		25	13	16.74	16.68	16.72	17.39	17.33	17.37	23.00	PASS
		25	25	16.75	16.75	16.63	17.40	17.40	17.28	23.00	PASS
		50	0	16.70	16.63	16.66	17.35	17.28	17.31	23.00	PASS
	256QAM	1	0	16.43	16.46	16.71	17.08	17.11	17.36	23.00	PASS
		1	25	16.65	16.50	16.63	17.3	17.15	17.28	23.00	PASS
		1	49	16.56	16.61	16.67	17.21	17.26	17.32	23.00	PASS
		25	0	16.68	16.70	16.70	17.33	17.35	17.35	23.00	PASS
		25	13	16.69	16.77	16.76	17.34	17.42	17.41	23.00	PASS
		25	25	16.76	16.74	16.60	17.41	17.39	17.25	23.00	PASS
		50	0	16.46	16.59	16.54	17.11	17.24	17.19	23.00	PASS
Bandwidth	Modulation	RB size	RB offset	Channel 55315	Channel 55765	Channel 56215	Channel 55315	Channel 55765	Channel 56215	Limit	Verdict
15MHz	QPSK	1	0	16.61	16.50	16.51	17.26	17.15	17.16	23.00	PASS
		1	38	16.66	16.66	16.73	17.31	17.31	17.38	23.00	PASS
		1	74	16.65	16.67	16.52	17.30	17.32	17.17	23.00	PASS
		36	0	16.73	16.50	16.61	17.38	17.15	17.26	23.00	PASS
		36	18	16.59	16.74	16.51	17.24	17.39	17.16	23.00	PASS
		36	39	16.68	16.73	16.76	17.33	17.38	17.41	23.00	PASS
		75	0	16.70	16.70	16.69	17.35	17.35	17.34	23.00	PASS
	16QAM	1	0	16.74	16.54	16.55	17.39	17.19	17.20	23.00	PASS
		1	38	16.72	16.70	16.58	17.37	17.35	17.23	23.00	PASS
		1	74	16.57	16.66	16.73	17.22	17.31	17.38	23.00	PASS
		36	0	16.69	16.54	16.66	17.34	17.19	17.31	23.00	PASS
		36	18	16.61	16.65	16.70	17.26	17.30	17.35	23.00	PASS
		36	39	16.75	16.68	16.49	17.40	17.33	17.14	23.00	PASS
		75	0	16.61	16.75	16.57	17.26	17.40	17.22	23.00	PASS
	64QAM	1	0	16.43	16.48	16.54	17.08	17.13	17.19	23.00	PASS
		1	38	16.50	16.70	16.64	17.15	17.35	17.29	23.00	PASS
		1	74	16.72	16.67	16.71	17.37	17.32	17.36	23.00	PASS
		36	0	16.66	16.73	16.52	17.31	17.38	17.17	23.00	PASS
		36	18	16.73	16.73	16.69	17.38	17.38	17.34	23.00	PASS
		36	39	16.73	16.70	16.75	17.38	17.35	17.40	23.00	PASS
		75	0	16.71	16.69	16.72	17.36	17.34	17.37	23.00	PASS

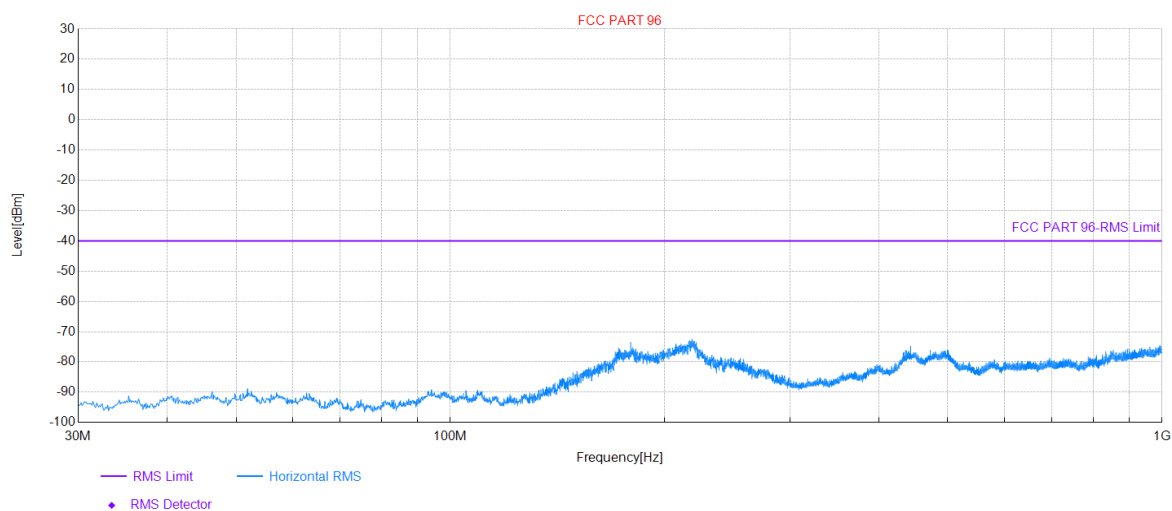
	256QAM	1	0	16.60	16.36	16.74	17.25	17.01	17.39	23.00	PASS
		1	38	16.60	16.48	16.75	17.25	17.13	17.4	23.00	PASS
		1	74	16.69	16.61	16.69	17.34	17.26	17.34	23.00	PASS
		36	0	16.65	16.67	16.53	17.3	17.32	17.18	23.00	PASS
		36	18	16.55	16.74	16.60	17.2	17.39	17.25	23.00	PASS
		36	39	16.65	16.70	16.75	17.3	17.35	17.4	23.00	PASS
		75	0	16.58	16.52	16.54	17.23	17.17	17.19	23.00	PASS
Bandwidth	Modulation	RB size	RB offset	Channel 55340	Channel 55773	Channel 56207	Channel 55340	Channel 55773	Channel 56207	Limit	Verdict
20MHz	QPSK	1	0	16.69	16.73	16.77	17.34	17.38	17.42		PASS
		1	50	16.71	16.77	16.78	17.36	17.42	17.43	23.00	PASS
		1	99	16.70	16.69	16.71	17.35	17.34	17.36	23.00	PASS
		50	0	16.68	16.66	16.65	17.33	17.31	17.30	23.00	PASS
		50	25	16.72	16.70	16.75	17.37	17.35	17.40	23.00	PASS
		50	50	16.70	16.68	16.71	17.35	17.33	17.36	23.00	PASS
		100	0	16.68	16.66	16.69	17.33	17.31	17.34	23.00	PASS
	16QAM	1	0	16.66	16.58	16.63	17.31	17.23	17.28	23.00	PASS
		1	50	16.71	16.67	16.72	17.36	17.32	17.37	23.00	PASS
		1	99	16.61	16.72	16.74	17.26	17.37	17.39	23.00	PASS
		50	0	16.71	16.73	16.67	17.36	17.38	17.32	23.00	PASS
		50	25	16.73	16.73	16.62	17.38	17.38	17.27	23.00	PASS
		50	50	16.75	16.72	16.65	17.40	17.37	17.30	23.00	PASS
		100	0	16.67	16.70	16.66	17.32	17.35	17.31	23.00	PASS
	64QAM	1	0	16.50	16.61	16.62	17.15	17.26	17.27	23.00	PASS
		1	50	16.64	16.60	16.54	17.29	17.25	17.19	23.00	PASS
		1	99	16.70	16.73	16.71	17.35	17.38	17.36	23.00	PASS
		50	0	16.69	16.71	16.60	17.34	17.36	17.25	23.00	PASS
		50	25	16.70	16.74	16.65	17.35	17.39	17.30	23.00	PASS
		50	50	16.72	16.77	16.70	17.37	17.42	17.35	23.00	PASS
		100	0	16.73	16.73	16.73	17.38	17.38	17.38	23.00	PASS
	256QAM	1	0	16.50	16.44	16.63	17.15	17.09	17.28	23.00	PASS
		1	50	16.55	16.57	16.70	17.2	17.22	17.35	23.00	PASS
		1	99	16.58	16.62	16.64	17.23	17.27	17.29	23.00	PASS
		50	0	16.57	16.63	16.61	17.22	17.28	17.26	23.00	PASS
		50	25	16.60	16.65	16.67	17.25	17.3	17.32	23.00	PASS
		50	50	16.64	16.67	16.66	17.29	17.32	17.31	23.00	PASS
		100	0	16.55	16.57	16.64	17.2	17.22	17.29	23.00	PASS

Field Strength of Spurious Radiation

Below 1GHz

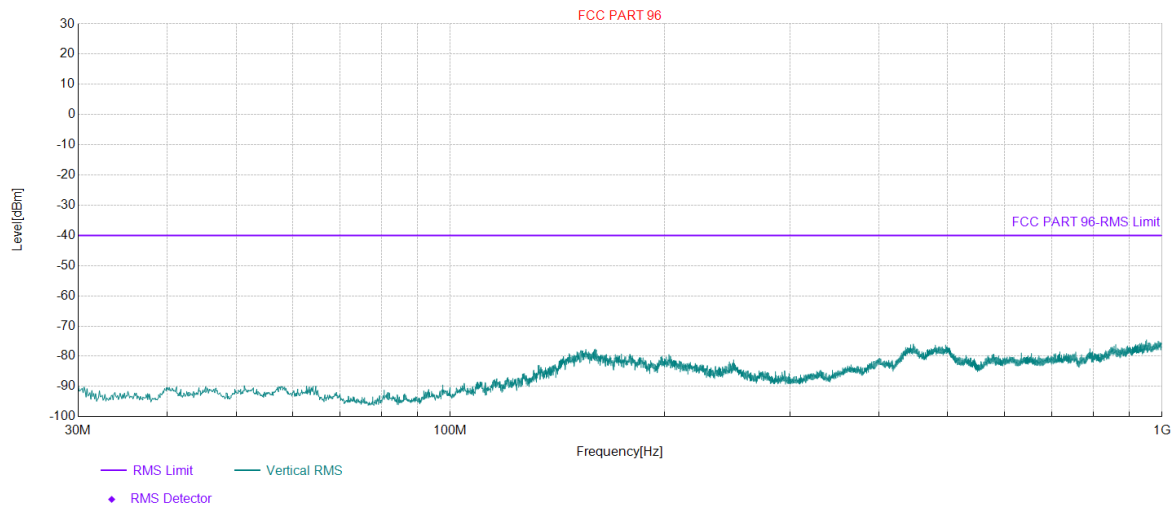
Project Information			
Mode:	LTE	Band:	Band 48
Bandwidth:	20M	Channel:	Mid
IMEI:	862513050026243	Engineer:	欧树炎
Remark:	X		
Test Standard: FCC PART 96			

Test Graph



Project Information			
Mode:	LTE	Band:	Band 48
Bandwidth:	20M	Channel:	Mid
IMEI:	862513050026243	Engineer:	欧树炎
Remark:	X		
Test Standard: FCC PART 96			

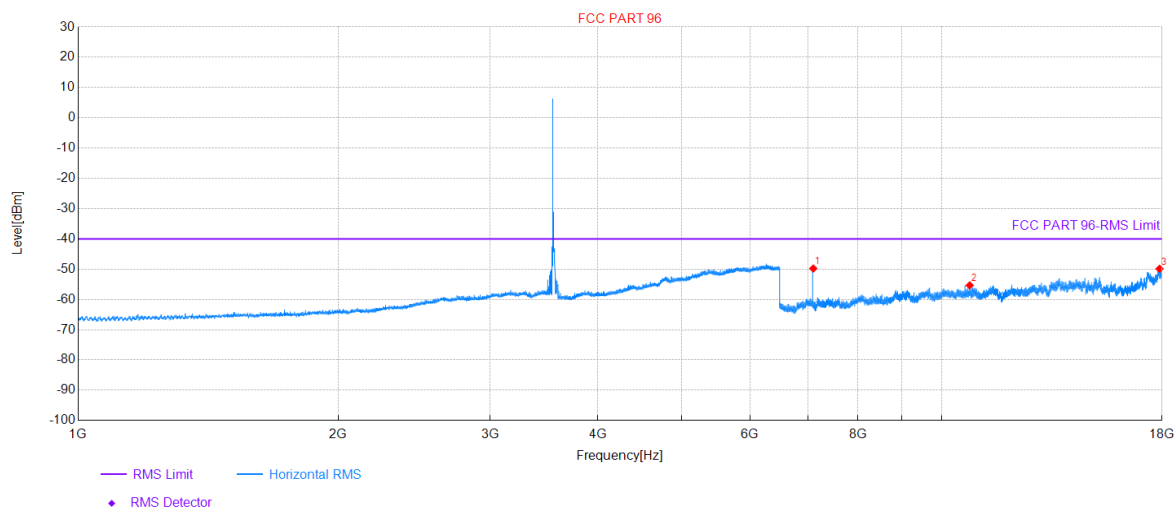
Test Graph



Above 1GHz

Project Information			
Mode:	LTE	Band:	Band 48
Bandwidth:	20MHZ	Channel:	Low
IMEI:	862513050026243	Engineer:	欧树炎
Remark:	Z		
Test Standard: FCC PART 96			

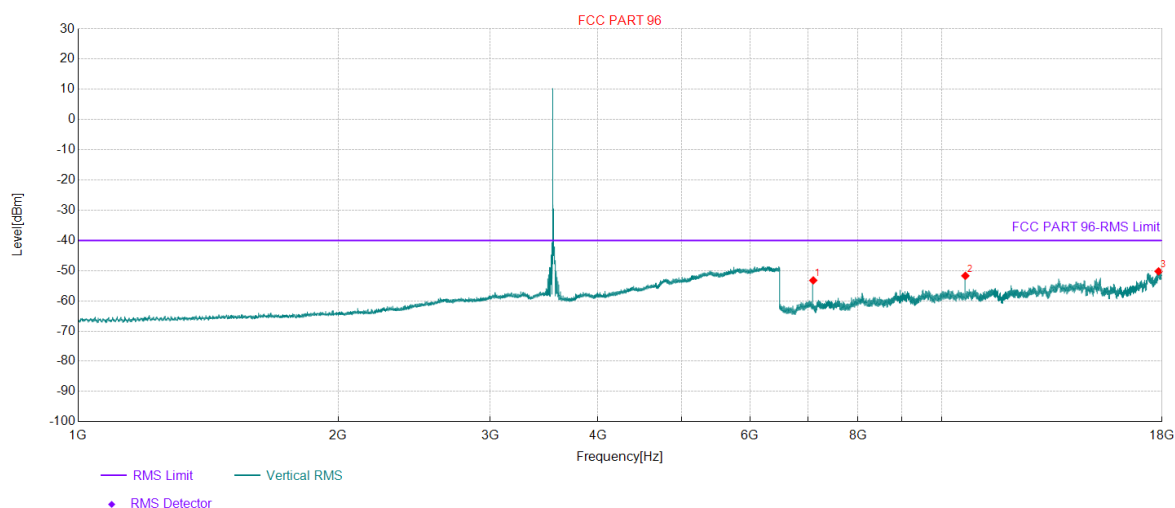
Test Graph



Data List											
NO.	Freq. [MHz]	Reading [dBuV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Trace	Polarity	Verdict
1	7102.216	47.05	-96.84	-49.79	-40.00	9.79	125	144	RMS	Horizontal	PASS
2	10777.23	35.57	-90.91	-55.34	-40.00	15.34	223	203	RMS	Horizontal	PASS
3	17880.78	31.78	-81.67	-49.89	-40.00	9.89	203	255	RMS	Horizontal	PASS

Project Information			
Mode:	LTE	Band:	Band 48
Bandwidth:	20MHZ	Channel:	Low
IMEI:	862513050026243	Engineer:	欧树炎
Remark:	Z		
Test Standard: FCC PART 96			

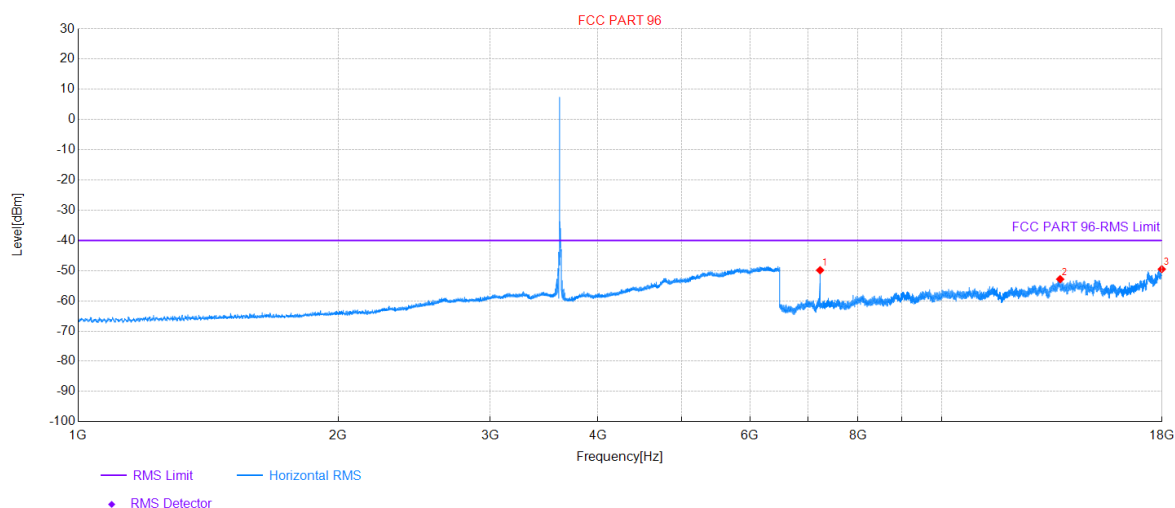
Test Graph



Data List											
NO.	Freq. [MHz]	Reading [dBuV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Trace	Polarity	Verdict
1	7101.833	43.61	-96.83	-53.22	-40.00	13.22	217	170	RMS	Vertical	PASS
2	10653.03	39.55	-91.27	-51.72	-40.00	11.72	135	353	RMS	Vertical	PASS
3	17835.55	31.66	-81.89	-50.23	-40.00	10.23	159	17	RMS	Vertical	PASS

Project Information			
Mode:	LTE	Band:	Band 48
Bandwidth:	20MHZ	Channel:	Mid
IMEI:	862513050026243	Engineer:	欧树炎
Remark:	Z		
Test Standard: FCC PART 96			

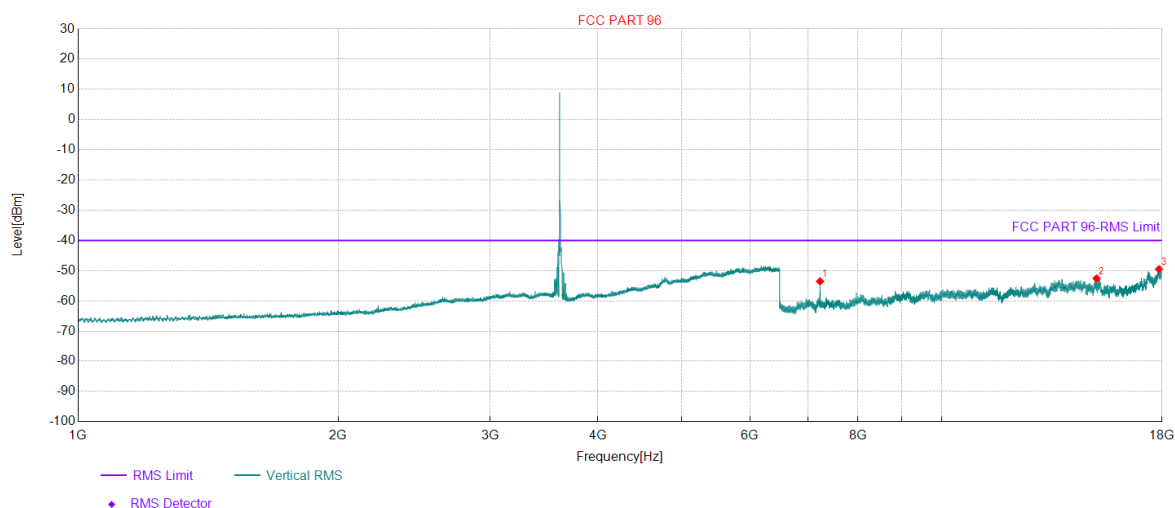
Test Graph



Data List											
NO.	Freq. [MHz]	Reading [dBuV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Trace	Polarity	Verdict
1	7232.166	46.11	-95.97	-49.86	-40.00	9.86	240	133	RMS	Horizontal	PASS
2	13718.55	33.96	-86.79	-52.83	-40.00	12.83	165	359	RMS	Horizontal	PASS
3	17986.96	32.15	-81.66	-49.51	-40.00	9.51	207	81	RMS	Horizontal	PASS

Project Information			
Mode:	LTE	Band:	Band 48
Bandwidth:	20MHZ	Channel:	Mid
IMEI:	862513050026243	Engineer:	欧树炎
Remark:	Z		
Test Standard: FCC PART 96			

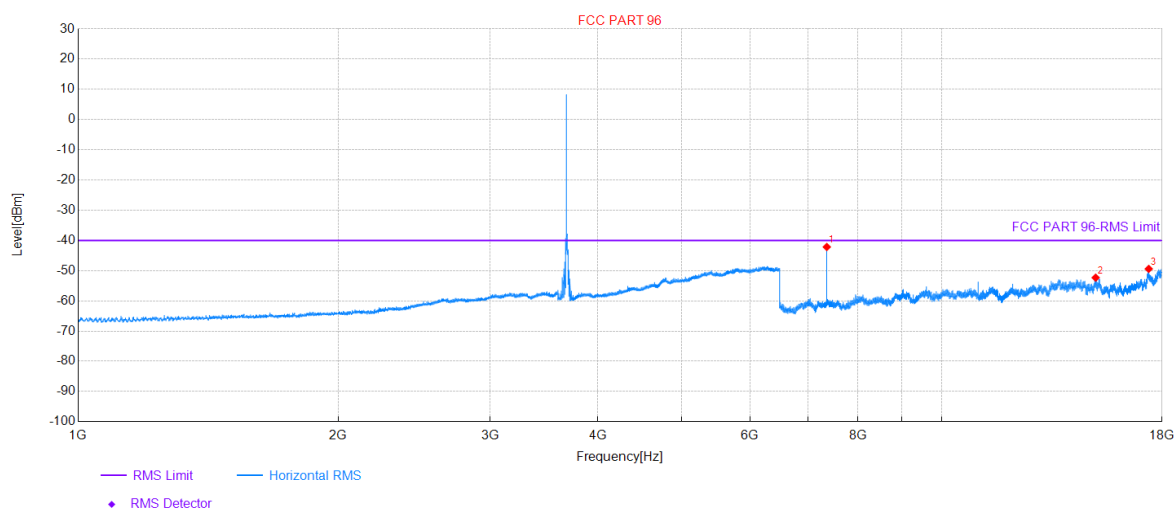
Test Graph



Data List											
NO.	Freq. [MHz]	Reading [dBuV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Trace	Polarity	Verdict
1	7232.166	42.43	-95.97	-53.54	-40.00	13.54	153	186	RMS	Vertical	PASS
2	15117.71	34.12	-86.70	-52.58	-40.00	12.58	152	178	RMS	Vertical	PASS
3	17857.78	31.85	-81.37	-49.52	-40.00	9.52	269	186	RMS	Vertical	PASS

Project Information			
Mode:	LTE	Band:	Band 48
Bandwidth:	20MHZ	Channel:	High
IMEI:	862513050026243	Engineer:	欧树炎
Remark:	Z		
Test Standard: FCC PART 96			

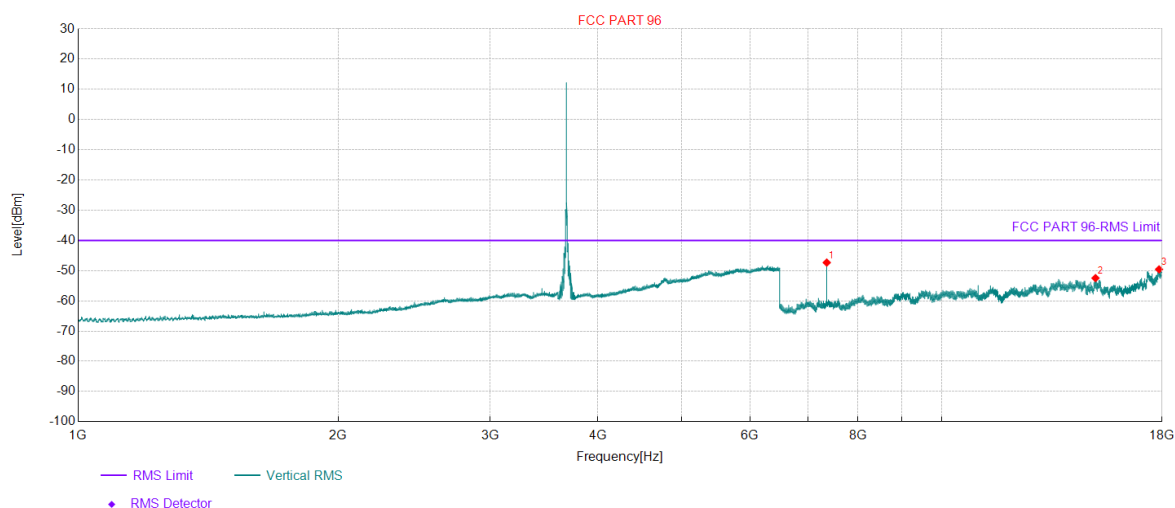
Test Graph



Data List											
NO.	Freq. [MHz]	Reading [dBuV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Trace	Polarity	Verdict
1	7362.116	54.06	-96.23	-42.17	-40.00	2.17	269	145	RMS	Horizontal	PASS
2	15079.38	33.82	-86.15	-52.33	-40.00	12.33	187	157	RMS	Horizontal	PASS
3	17372.1	33.69	-83.10	-49.41	-40.00	9.41	155	327	RMS	Horizontal	PASS

Project Information			
Mode:	LTE	Band:	Band 48
Bandwidth:	20MHZ	Channel:	High
IMEI:	862513050026243	Engineer:	欧树炎
Remark:	Z		
Test Standard: FCC PART 96			

Test Graph



Data List											
NO.	Freq. [MHz]	Reading [dBuV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Trace	Polarity	Verdict
1	7362.116	48.90	-96.23	-47.33	-40.00	7.33	150	313	RMS	Vertical	PASS
2	15072.1	33.65	-86.12	-52.47	-40.00	12.47	241	121	RMS	Vertical	PASS
3	17858.16	31.79	-81.37	-49.58	-40.00	9.58	239	128	RMS	Vertical	PASS