

Effective (Isotropic) Radiated Power Output Data

Test Result

LTE Band 71				Conducted Power(dBm)			ERP(dBm)			Limit	Verdict
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel		
				133147	133297	133447	133147	133297	133447		
5MHz	QPSK	1	0	23.54	23.58	23.42	21.32	21.36	21.20	34.77	PASS
		1	13	23.66	23.72	23.59	21.44	21.50	21.37	34.77	PASS
		1	24	23.63	23.52	23.77	21.41	21.30	21.55	34.77	PASS
		12	0	22.62	22.46	22.68	20.40	20.24	20.46	34.77	PASS
		12	6	22.51	22.70	22.64	20.29	20.48	20.42	34.77	PASS
		12	13	22.58	22.59	22.70	20.36	20.37	20.48	34.77	PASS
		25	0	22.64	22.63	22.62	20.42	20.41	20.40	34.77	PASS
	16QAM	1	0	22.66	22.76	22.92	20.44	20.54	20.70	34.77	PASS
		1	13	22.70	22.84	22.90	20.48	20.62	20.68	34.77	PASS
		1	24	22.70	22.80	22.80	20.48	20.58	20.58	34.77	PASS
		12	0	21.57	21.54	21.67	19.35	19.32	19.45	34.77	PASS
		12	6	21.62	21.79	21.56	19.40	19.57	19.34	34.77	PASS
		12	13	21.65	21.59	21.66	19.43	19.37	19.44	34.77	PASS
		25	0	22.79	21.59	21.66	20.57	19.37	19.44	34.77	PASS
	64QAM	1	0	22.57	22.64	22.60	20.35	20.42	20.38	34.77	PASS
		1	13	22.62	22.66	22.68	20.40	20.44	20.46	34.77	PASS
		1	24	22.69	22.74	22.65	20.47	20.52	20.43	34.77	PASS
		12	0	21.56	21.48	21.67	19.34	19.26	19.45	34.77	PASS
		12	6	21.70	21.58	21.63	19.48	19.36	19.41	34.77	PASS
		12	13	21.65	21.74	21.65	19.43	19.52	19.43	34.77	PASS
		25	0	21.55	21.55	21.60	19.33	19.33	19.38	34.77	PASS
	256QAM	1	0	18.34	18.34	18.19	16.12	16.12	15.97	34.77	PASS
		1	13	18.50	18.55	18.40	16.28	16.33	16.18	34.77	PASS
		1	24	18.54	18.49	18.54	16.32	16.27	16.32	34.77	PASS
		12	0	18.47	18.51	18.35	16.25	16.29	16.13	34.77	PASS
		12	6	18.61	18.60	18.57	16.39	16.38	16.35	34.77	PASS
		12	13	18.55	18.54	18.57	16.33	16.32	16.35	34.77	PASS
		25	0	18.47	18.53	18.54	16.25	16.31	16.32	34.77	PASS
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Limit	Verdict
				133172	133297	133422	133172	133297	133422		
10MHz	QPSK	1	0	23.52	23.52	23.55	21.30	21.30	21.33	34.77	PASS
		1	25	23.72	23.59	23.68	21.50	21.37	21.46	34.77	PASS
		1	49	23.60	23.57	23.67	21.38	21.35	21.45	34.77	PASS
		25	0	22.54	22.47	22.64	20.32	20.25	20.42	34.77	PASS
		25	13	22.66	22.55	22.58	20.44	20.33	20.36	34.77	PASS
		25	25	22.49	22.59	22.59	20.27	20.37	20.37	34.77	PASS

		50	0	22.71	22.51	22.72	20.49	20.29	20.50	34.77	PASS
	16QAM	1	0	22.79	22.71	22.87	20.57	20.49	20.65	34.77	PASS
		1	25	22.63	22.78	22.94	20.41	20.56	20.72	34.77	PASS
		1	49	22.68	22.90	23.01	20.46	20.68	20.79	34.77	PASS
		25	0	21.67	21.72	21.76	19.45	19.50	19.54	34.77	PASS
		25	13	21.66	21.58	21.76	19.44	19.36	19.54	34.77	PASS
		25	25	21.59	21.62	21.77	19.37	19.40	19.55	34.77	PASS
		50	0	22.74	21.75	21.76	20.52	19.53	19.54	34.77	PASS
	64QAM	1	0	22.68	22.78	22.78	20.46	20.56	20.56	34.77	PASS
		1	25	22.60	22.76	22.87	20.38	20.54	20.65	34.77	PASS
		1	49	22.62	22.86	22.77	20.40	20.64	20.55	34.77	PASS
		25	0	21.74	21.69	21.51	19.52	19.47	19.29	34.77	PASS
		25	13	21.56	21.61	21.60	19.34	19.39	19.38	34.77	PASS
		25	25	21.58	21.74	21.60	19.36	19.52	19.38	34.77	PASS
		50	0	21.63	21.66	21.72	19.41	19.44	19.50	34.77	PASS
	256QAM	1	0	18.20	18.43	18.34	15.98	16.21	16.12	34.77	PASS
		1	25	18.52	18.47	18.46	16.3	16.25	16.24	34.77	PASS
		1	49	18.46	18.62	18.58	16.24	16.4	16.36	34.77	PASS
		25	0	18.42	18.35	18.48	16.2	16.13	16.26	34.77	PASS
		25	13	18.48	18.45	18.53	16.26	16.23	16.31	34.77	PASS
		25	25	18.44	18.53	18.52	16.22	16.31	16.3	34.77	PASS
		50	0	18.50	18.43	18.53	16.28	16.21	16.31	34.77	PASS
Bandwidth	Modulation	RB size	RB offset	Channel 133197	Channel 133297	Channel 133397	Channel 133197	Channel 133297	Channel 133397	Limit	Verdict
15MHz	QPSK	1	0	23.42	23.74	23.63	21.20	21.52	21.41	34.77	PASS
		1	38	23.73	23.60	23.64	21.51	21.38	21.42	34.77	PASS
		1	74	23.74	23.67	23.71	21.52	21.45	21.49	34.77	PASS
		36	0	22.53	22.64	22.65	20.31	20.42	20.43	34.77	PASS
		36	18	22.56	22.72	22.58	20.34	20.50	20.36	34.77	PASS
		36	39	22.55	22.71	22.53	20.33	20.49	20.31	34.77	PASS
		75	0	22.66	22.70	22.82	20.44	20.48	20.60	34.77	PASS
	16QAM	1	0	22.82	22.83	22.82	20.60	20.61	20.60	34.77	PASS
		1	38	22.77	22.73	23.01	20.55	20.51	20.79	34.77	PASS
		1	74	22.77	22.72	22.92	20.55	20.50	20.70	34.77	PASS
		36	0	21.50	21.62	21.67	19.28	19.40	19.45	34.77	PASS
		36	18	21.66	21.80	21.77	19.44	19.58	19.55	34.77	PASS
		36	39	21.74	21.68	21.75	19.52	19.46	19.53	34.77	PASS
		75	0	22.82	21.81	21.74	20.60	19.59	19.52	34.77	PASS
	64QAM	1	0	22.72	22.58	22.69	20.50	20.36	20.47	34.77	PASS
		1	38	22.68	22.82	22.85	20.46	20.60	20.63	34.77	PASS
		1	74	22.71	22.87	22.59	20.49	20.65	20.37	34.77	PASS
		36	0	21.73	21.48	21.69	19.51	19.26	19.47	34.77	PASS
		36	18	21.57	21.62	21.52	19.35	19.40	19.30	34.77	PASS
		36	39	21.59	21.71	21.58	19.37	19.49	19.36	34.77	PASS
		75	0	21.71	21.55	21.61	19.49	19.33	19.39	34.77	PASS

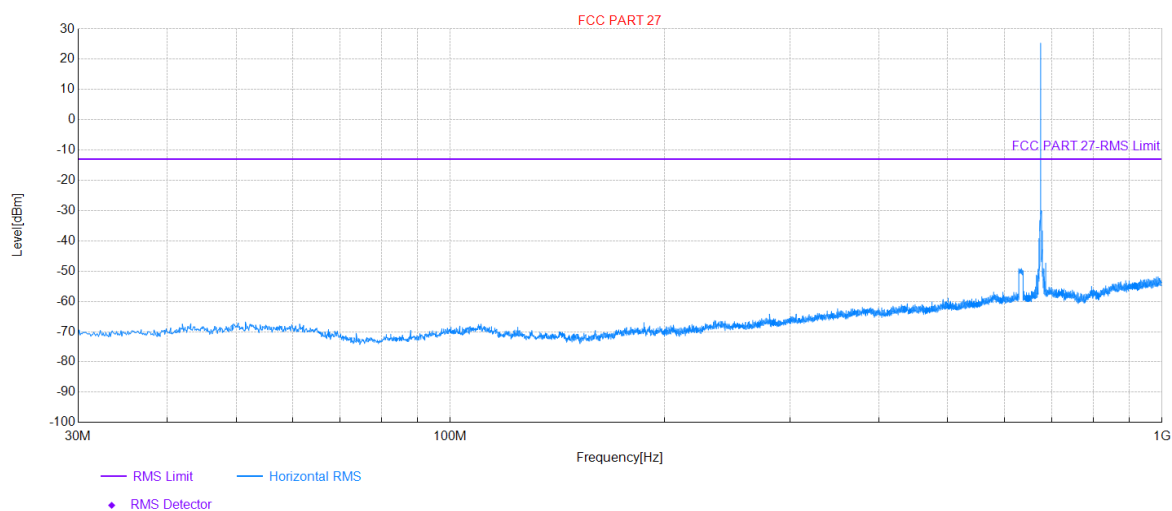
	256QAM	1	0	18.31	18.36	18.19	16.09	16.14	15.97	34.77	PASS
		1	38	18.45	18.48	18.48	16.23	16.26	16.26	34.77	PASS
		1	74	18.62	18.54	18.47	16.4	16.32	16.25	34.77	PASS
		36	0	18.49	18.43	18.33	16.27	16.21	16.11	34.77	PASS
		36	18	18.45	18.54	18.50	16.23	16.32	16.28	34.77	PASS
		36	39	18.55	18.61	18.46	16.33	16.39	16.24	34.77	PASS
		75	0	18.41	18.47	18.37	16.19	16.25	16.15	34.77	PASS
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Limit	Verdict
				133222	133322	133372	133222	133322	133372		
20MHz	QPSK	1	0	23.56	23.66	23.57	21.34	21.44	21.35	34.77	PASS
		1	50	23.88	23.89	23.68	21.66	21.67	21.46	34.77	PASS
		1	99	23.66	23.64	23.69	21.44	21.42	21.47	34.77	PASS
		50	0	22.55	22.58	22.66	20.33	20.36	20.44	34.77	PASS
		50	25	22.61	22.70	22.69	20.39	20.48	20.47	34.77	PASS
		50	50	22.59	22.64	22.68	20.37	20.42	20.46	34.77	PASS
		100	0	22.70	22.76	22.75	20.48	20.54	20.53	34.77	PASS
	16QAM	1	0	22.80	22.79	22.92	20.58	20.57	20.70	34.77	PASS
		1	50	22.77	22.82	22.98	20.55	20.60	20.76	34.77	PASS
		1	99	22.83	22.85	22.93	20.61	20.63	20.71	34.77	PASS
		50	0	21.64	21.66	21.68	19.42	19.44	19.46	34.77	PASS
		50	25	21.68	21.72	21.71	19.46	19.50	19.49	34.77	PASS
		50	50	21.71	21.69	21.74	19.49	19.47	19.52	34.77	PASS
		100	0	22.74	21.73	21.76	20.52	19.51	19.54	34.77	PASS
	64QAM	1	0	22.69	22.72	22.74	20.47	20.50	20.52	34.77	PASS
		1	50	22.72	22.74	22.79	20.50	20.52	20.57	34.77	PASS
		1	99	22.76	22.79	22.72	20.54	20.57	20.50	34.77	PASS
		50	0	21.67	21.63	21.61	19.45	19.41	19.39	34.77	PASS
		50	25	21.64	21.73	21.67	19.42	19.51	19.45	34.77	PASS
		50	50	21.70	21.77	21.69	19.48	19.55	19.47	34.77	PASS
		100	0	21.68	21.67	21.70	19.46	19.45	19.48	34.77	PASS
	256QAM	1	0	18.28	18.33	18.27	16.06	16.11	16.05	34.77	PASS
		1	50	18.45	18.48	18.46	16.23	16.26	16.24	34.77	PASS
		1	99	18.54	18.56	18.53	16.32	16.34	16.31	34.77	PASS
		50	0	18.40	18.42	18.39	16.18	16.2	16.17	34.77	PASS
		50	25	18.51	18.52	18.48	16.29	16.3	16.26	34.77	PASS
		50	50	18.47	18.53	18.50	16.25	16.31	16.28	34.77	PASS
		100	0	18.46	18.50	18.44	16.24	16.28	16.22	34.77	PASS

Field Strength of Spurious Radiation

Below 1GHz

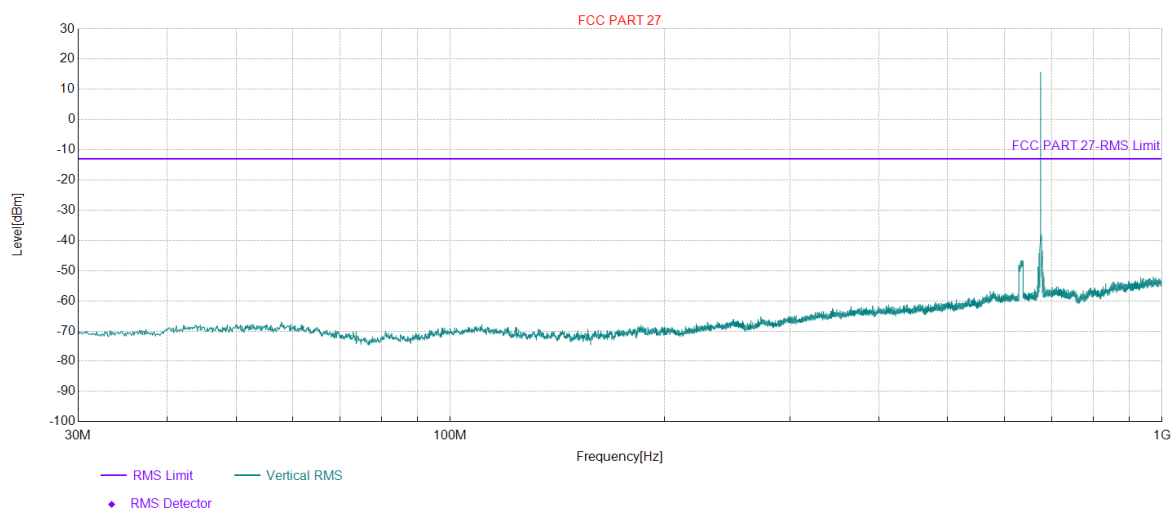
Project Information			
Mode:	LTE	Band:	Band 71
Bandwidth:	20M	Channel:	Mid
IMEI:	862513050026243	Engineer:	欧树炎
Remark:	X		
Test Standard: FCC PART 27			

Test Graph



Project Information			
Mode:	LTE	Band:	Band 71
Bandwidth:	20M	Channel:	Mid
IMEI:	862513050026243	Engineer:	欧树炎
Remark:	X		
Test Standard: FCC PART 27			

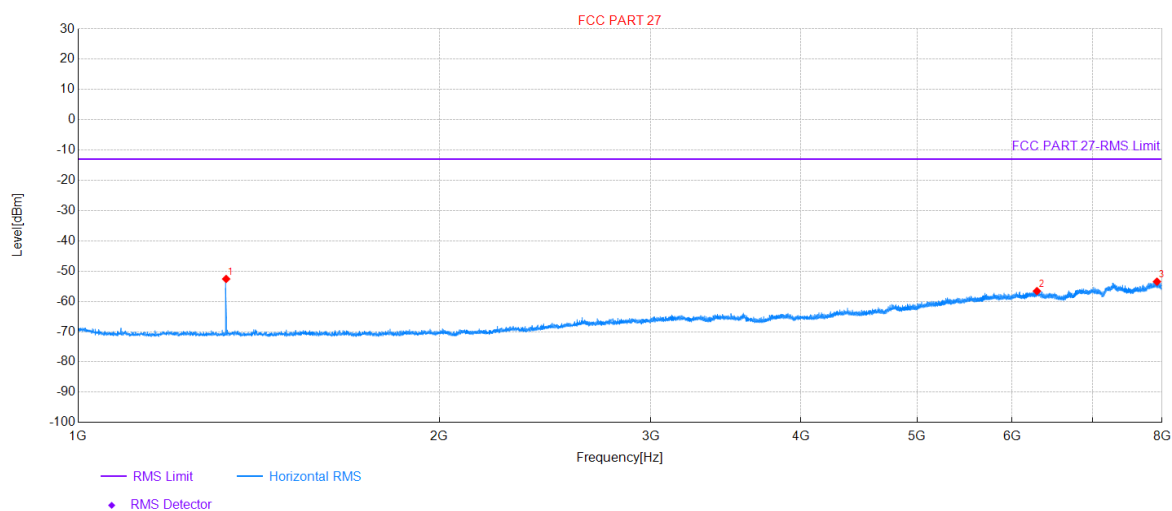
Test Graph



Above 1GHz

Project Information			
Mode:	LTE	Band:	Band 71
Bandwidth:	20M	Channel:	Low
IMEI:	862513050026243	Engineer:	欧树炎
Remark:	X		
Test Standard: FCC PART 27			

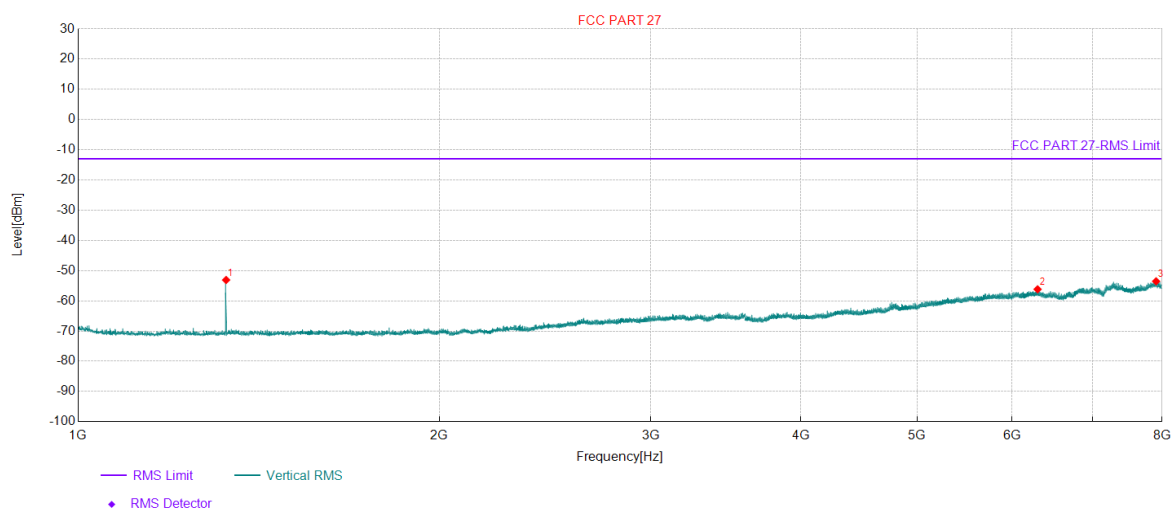
Test Graph



Data List											
NO.	Freq. [MHz]	Reading [dBuV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Trace	Polarity	Verdict
1	1328.3	61.70	-114.28	-52.58	-13.00	39.58	154	80	RMS	Horizontal	PASS
2	6292.7	42.34	-98.92	-56.58	-13.00	43.58	120	37	RMS	Horizontal	PASS
3	7922.3	42.13	-95.59	-53.46	-13.00	40.46	261	90	RMS	Horizontal	PASS

Project Information			
Mode:	LTE	Band:	Band 71
Bandwidth:	20M	Channel:	Low
IMEI:	862513050026243	Engineer:	欧树炎
Remark:	X		
Test Standard: FCC PART 27			

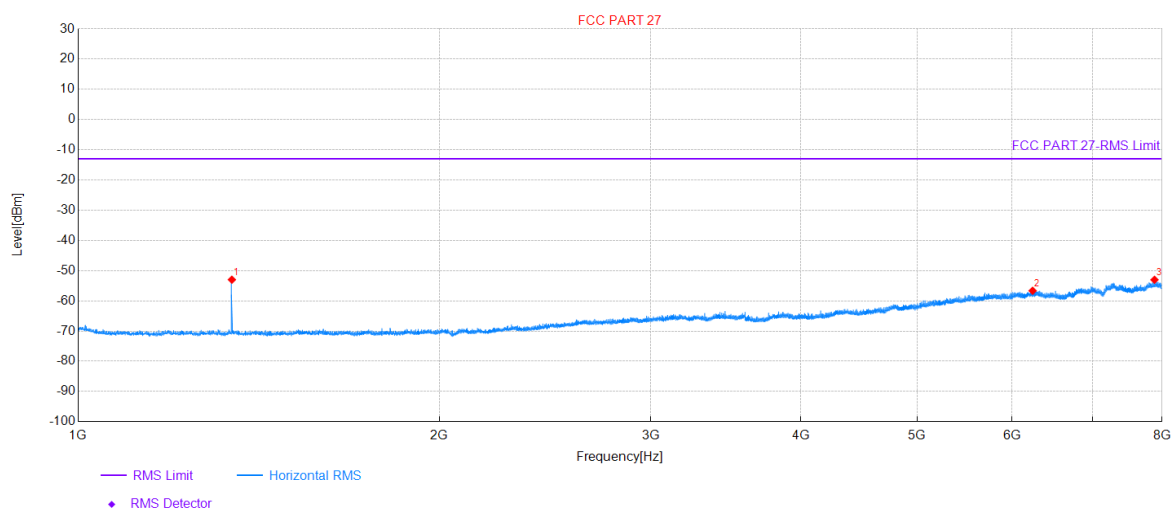
Test Graph



Data List											
NO.	Freq. [MHz]	Reading [dBuV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Trace	Polarity	Verdict
1	1328.3	61.19	-114.28	-53.09	-13.00	40.09	163	339	RMS	Vertical	PASS
2	6300.75	42.68	-98.86	-56.18	-13.00	43.18	189	3	RMS	Vertical	PASS
3	7909.35	42.12	-95.65	-53.53	-13.00	40.53	260	339	RMS	Vertical	PASS

Project Information			
Mode:	LTE	Band:	B71
Bandwidth:	20M	Channel:	Mid
IMEI:	862513050026243	Engineer:	欧树炎
Remark:	X		
Test Standard: FCC PART 27			

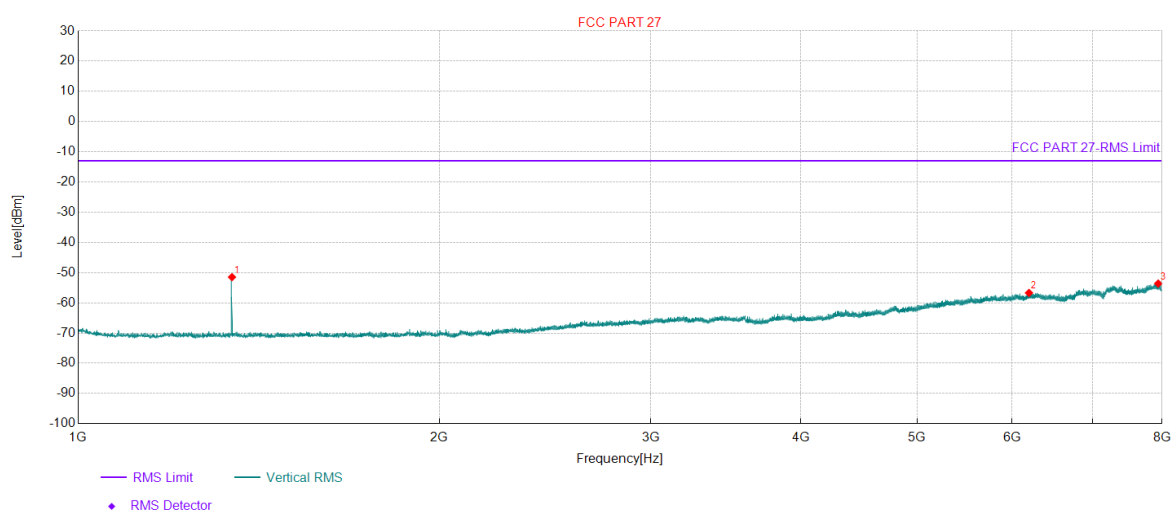
Test Graph



Data List											
NO.	Freq. [MHz]	Reading [dBuV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Trace	Polarity	Verdict
1	1343	61.22	-114.21	-52.99	-13.00	39.99	201	347	RMS	Horizontal	PASS
2	6240.9	42.70	-99.37	-56.67	-13.00	43.67	274	261	RMS	Horizontal	PASS
3	7884.85	42.69	-95.72	-53.03	-13.00	40.03	130	120	RMS	Horizontal	PASS

Project Information			
Mode:	LTE	Band:	B71
Bandwidth:	20M	Channel:	Mid
IMEI:	862513050026243	Engineer:	欧树炎
Remark:	X		
Test Standard: FCC PART 27			

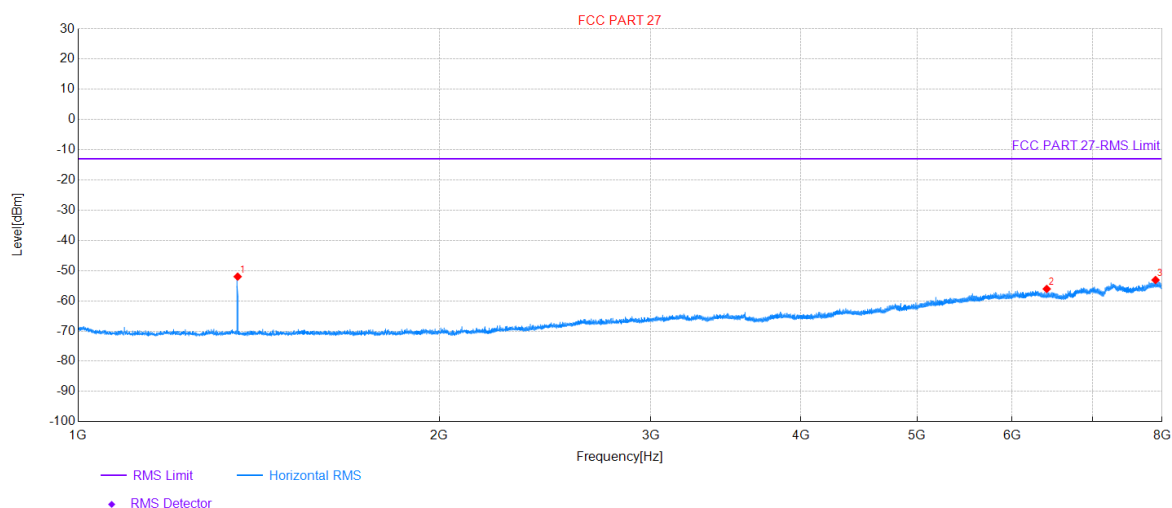
Test Graph



Data List											
NO.	Freq. [MHz]	Reading [dBuV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Trace	Polarity	Verdict
1	1343.35	62.73	-114.21	-51.48	-13.00	38.48	148	346	RMS	Vertical	PASS
2	6197.85	42.66	-99.38	-56.72	-13.00	43.72	264	20	RMS	Vertical	PASS
3	7941.55	41.88	-95.50	-53.62	-13.00	40.62	239	118	RMS	Vertical	PASS

Project Information			
Mode:	LTE	Band:	B71
Bandwidth:	20M	Channel:	High
IMEI:	862513050026243	Engineer:	欧树炎
Remark:	X		
Test Standard: FCC PART 27			

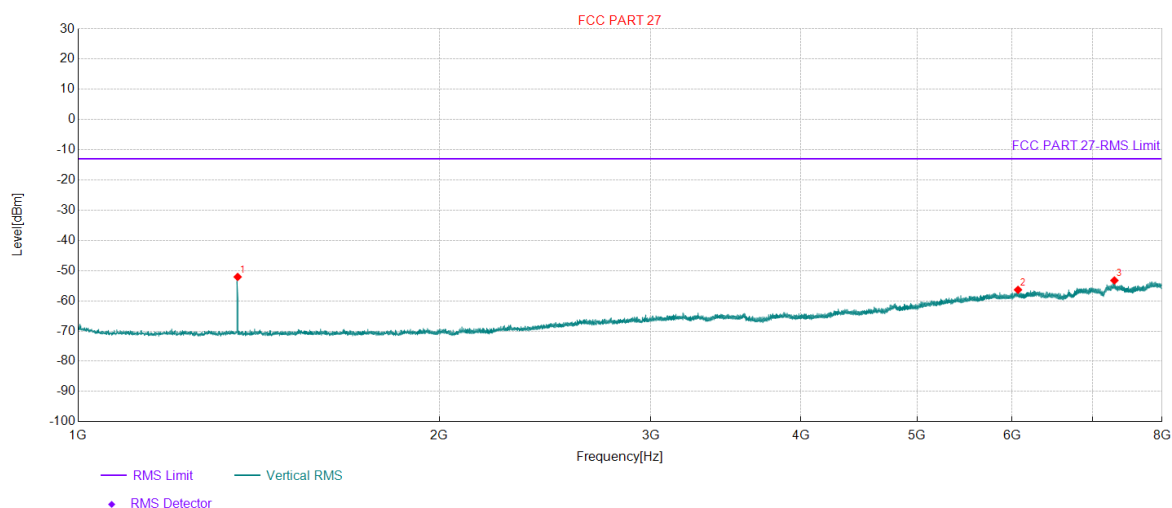
Test Graph



Data List											
NO.	Freq. [MHz]	Reading [dBuV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Trace	Polarity	Verdict
1	1358.05	62.22	-114.20	-51.98	-13.00	38.98	119	75	RMS	Horizontal	PASS
2	6412.4	43.36	-99.42	-56.06	-13.00	43.06	267	69	RMS	Horizontal	PASS
3	7900.25	42.59	-95.69	-53.10	-13.00	40.10	185	68	RMS	Horizontal	PASS

Project Information			
Mode:	LTE	Band:	B71
Bandwidth:	20M	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	1358.05	62.12	-114.20	-52.08	-13.00	39.08	158	301	RMS	Vertical	PASS
2	6068.7	43.22	-99.57	-56.35	-13.00	43.35	254	67	RMS	Vertical	PASS
3	7301.75	42.66	-95.91	-53.25	-13.00	40.25	194	171	RMS	Vertical	PASS