

Effective (Isotropic) Radiated Power Output Data

Test Result

LTE Band 66				Conducted Power(dBm)			EIRP(dBm)			Limit	Verdict
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel		
				131979	132322	132665	131979	132322	132665		
1.4MHz	QPSK	1	0	19.79	19.93	19.86	19.77	19.91	19.84	30.00	PASS
		1	2	19.87	19.91	19.94	19.85	19.89	19.92	30.00	PASS
		1	5	19.89	19.83	19.91	19.87	19.81	19.89	30.00	PASS
		3	0	19.82	19.79	19.83	19.80	19.77	19.81	30.00	PASS
		3	1	19.93	19.94	19.86	19.91	19.92	19.84	30.00	PASS
		3	3	19.86	19.84	19.92	19.84	19.82	19.90	30.00	PASS
		6	0	19.90	19.81	19.87	19.88	19.79	19.85	30.00	PASS
	16QAM	1	0	19.83	19.87	19.87	19.81	19.85	19.85	30.00	PASS
		1	2	19.92	19.92	19.92	19.90	19.90	19.90	30.00	PASS
		1	5	19.86	19.95	19.81	19.84	19.93	19.79	30.00	PASS
		3	0	19.78	19.76	19.86	19.76	19.74	19.84	30.00	PASS
		3	1	19.81	19.88	19.86	19.79	19.86	19.84	30.00	PASS
		3	3	19.71	19.89	19.94	19.69	19.87	19.92	30.00	PASS
		6	0	19.91	19.89	19.82	19.89	19.87	19.80	30.00	PASS
	64QAM	1	0	19.50	19.51	19.64	19.48	19.49	19.62	30.00	PASS
		1	2	19.62	19.43	19.64	19.60	19.41	19.62	30.00	PASS
		1	5	19.62	19.64	19.68	19.60	19.62	19.66	30.00	PASS
		3	0	19.33	19.25	19.19	19.31	19.23	19.17	30.00	PASS
		3	1	19.19	19.28	19.20	19.17	19.26	19.18	30.00	PASS
		3	3	19.36	19.32	19.32	19.34	19.30	19.30	30.00	PASS
		6	0	19.26	19.28	19.24	19.24	19.26	19.22	30.00	PASS
	256QAM	1	0	18.65	18.81	18.74	18.63	18.79	18.72	30.00	PASS
		1	2	18.78	18.68	18.86	18.76	18.66	18.84	30.00	PASS
		1	5	18.61	18.58	18.81	18.59	18.56	18.79	30.00	PASS
		3	0	18.41	18.51	18.57	18.39	18.49	18.55	30.00	PASS
		3	1	18.64	18.50	18.77	18.62	18.48	18.75	30.00	PASS
		3	3	18.61	18.52	18.81	18.59	18.5	18.79	30.00	PASS
		6	0	18.57	18.65	18.83	18.55	18.63	18.81	30.00	PASS
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Limit	Verdict
				131987	132322	132657	131987	132322	132657		
3MHz	QPSK	1	0	19.77	19.91	19.94	19.75	19.89	19.92	30.00	PASS
		1	7	19.92	19.92	19.89	19.90	19.90	19.87	30.00	PASS
		1	14	19.93	19.89	19.93	19.91	19.87	19.91	30.00	PASS
		8	0	19.87	19.81	19.89	19.85	19.79	19.87	30.00	PASS
		8	4	19.83	19.94	19.88	19.81	19.92	19.86	30.00	PASS
		8	7	19.80	19.84	19.92	19.78	19.82	19.90	30.00	PASS

		15	0	19.85	19.82	19.92	19.83	19.80	19.90	30.00	PASS
	16QAM	1	0	19.89	19.94	19.88	19.87	19.92	19.86	30.00	PASS
		1	7	19.84	19.89	19.91	19.82	19.87	19.89	30.00	PASS
		1	14	19.83	19.94	19.83	19.81	19.92	19.81	30.00	PASS
		8	0	19.85	19.86	19.90	19.83	19.84	19.88	30.00	PASS
		8	4	19.83	19.81	19.95	19.81	19.79	19.93	30.00	PASS
		8	7	19.81	19.79	19.80	19.79	19.77	19.78	30.00	PASS
		15	0	19.89	19.79	19.80	19.87	19.77	19.78	30.00	PASS
	64QAM	1	0	19.57	19.55	19.63	19.55	19.53	19.61	30.00	PASS
		1	7	19.50	19.44	19.50	19.48	19.42	19.48	30.00	PASS
		1	14	19.72	19.58	19.70	19.70	19.56	19.68	30.00	PASS
		8	0	19.32	19.12	19.19	19.30	19.10	19.17	30.00	PASS
		8	4	19.32	19.20	19.24	19.30	19.18	19.22	30.00	PASS
		8	7	19.31	19.31	19.35	19.29	19.29	19.33	30.00	PASS
		15	0	19.32	19.23	19.13	19.30	19.21	19.11	30.00	PASS
	256QAM	1	0	18.66	18.76	18.76	18.64	18.74	18.74	30.00	PASS
		1	7	18.59	18.67	18.75	18.57	18.65	18.73	30.00	PASS
		1	14	18.54	18.57	18.91	18.52	18.55	18.89	30.00	PASS
		8	0	18.59	18.56	18.61	18.57	18.54	18.59	30.00	PASS
		8	4	18.64	18.69	18.63	18.62	18.67	18.61	30.00	PASS
		8	7	18.41	18.70	18.62	18.39	18.68	18.6	30.00	PASS
		15	0	18.48	18.59	18.66	18.46	18.57	18.64	30.00	PASS
Bandwidth	Modulation	RB size	RB offset	Channel 131997	Channel 132322	Channel 132647	Channel 131997	Channel 132322	Channel 132647	Limit	Verdict
5MHz	QPSK	1	0	19.77	19.97	19.91	19.75	19.95	19.89	30.00	PASS
		1	13	19.86	19.90	19.88	19.84	19.88	19.86	30.00	PASS
		1	24	19.80	19.91	19.84	19.78	19.89	19.82	30.00	PASS
		12	0	19.84	19.83	19.87	19.82	19.81	19.85	30.00	PASS
		12	6	19.89	19.91	19.89	19.87	19.89	19.87	30.00	PASS
		12	13	19.82	19.80	19.91	19.80	19.78	19.89	30.00	PASS
		25	0	19.94	19.77	19.93	19.92	19.75	19.91	30.00	PASS
	16QAM	1	0	19.83	19.92	19.83	19.81	19.90	19.81	30.00	PASS
		1	13	19.96	19.90	19.94	19.94	19.88	19.92	30.00	PASS
		1	24	19.83	19.95	19.93	19.81	19.93	19.91	30.00	PASS
		12	0	19.87	19.77	19.83	19.85	19.75	19.81	30.00	PASS
		12	6	19.86	19.85	19.91	19.84	19.83	19.89	30.00	PASS
		12	13	19.80	19.92	19.93	19.78	19.90	19.91	30.00	PASS
		25	0	19.82	19.88	19.86	19.80	19.86	19.84	30.00	PASS
	64QAM	1	0	19.50	19.50	19.66	19.48	19.48	19.64	30.00	PASS
		1	13	19.50	19.50	19.61	19.48	19.48	19.59	30.00	PASS
		1	24	19.67	19.61	19.71	19.65	19.59	19.69	30.00	PASS
		12	0	19.33	19.24	19.16	19.31	19.22	19.14	30.00	PASS
		12	6	19.26	19.31	19.19	19.24	19.29	19.17	30.00	PASS
		12	13	19.39	19.31	19.30	19.37	19.29	19.28	30.00	PASS
		25	0	19.33	19.19	19.19	19.31	19.17	19.17	30.00	PASS

	256QAM	1	0	18.62	18.72	18.85	18.6	18.7	18.83	30.00	PASS
		1	13	18.67	18.70	18.74	18.65	18.68	18.72	30.00	PASS
		1	24	18.65	18.54	18.76	18.63	18.52	18.74	30.00	PASS
		12	0	18.50	18.61	18.61	18.48	18.59	18.59	30.00	PASS
		12	6	18.57	18.61	18.70	18.55	18.59	18.68	30.00	PASS
		12	13	18.51	18.48	18.79	18.49	18.46	18.77	30.00	PASS
		25	0	18.64	18.63	18.77	18.62	18.61	18.75	30.00	PASS
Bandwidth	Modulation	RB size	RB offset	Channel 132022	Channel 132322	Channel 132622	Channel 132022	Channel 132322	Channel 132622	Limit	Verdict
10MHz	QPSK	1	0	19.73	19.92	19.84	19.71	19.90	19.82	30.00	PASS
		1	25	19.91	19.92	19.91	19.89	19.90	19.89	30.00	PASS
		1	49	19.92	19.88	19.81	19.90	19.86	19.79	30.00	PASS
		25	0	19.83	19.82	19.83	19.81	19.80	19.81	30.00	PASS
		25	13	19.95	19.91	19.83	19.93	19.89	19.81	30.00	PASS
		25	25	19.89	19.83	19.83	19.87	19.81	19.81	30.00	PASS
		50	0	19.87	19.88	19.81	19.85	19.86	19.79	30.00	PASS
	16QAM	1	0	19.90	19.92	19.90	19.88	19.90	19.88	30.00	PASS
		1	25	19.85	19.90	19.93	19.83	19.88	19.91	30.00	PASS
		1	49	19.89	19.86	19.87	19.87	19.84	19.85	30.00	PASS
		25	0	19.78	19.83	19.87	19.76	19.81	19.85	30.00	PASS
		25	13	19.84	19.92	19.91	19.82	19.90	19.89	30.00	PASS
		25	25	19.75	19.88	19.81	19.73	19.86	19.79	30.00	PASS
		50	0	19.82	19.80	19.81	19.80	19.78	19.79	30.00	PASS
	64QAM	1	0	19.58	19.52	19.64	19.56	19.50	19.62	30.00	PASS
		1	25	19.48	19.43	19.59	19.46	19.41	19.57	30.00	PASS
		1	49	19.61	19.70	19.74	19.59	19.68	19.72	30.00	PASS
		25	0	19.34	19.14	19.22	19.32	19.12	19.20	30.00	PASS
		25	13	19.25	19.30	19.26	19.23	19.28	19.24	30.00	PASS
		25	25	19.39	19.24	19.35	19.37	19.22	19.33	30.00	PASS
		50	0	19.23	19.17	19.12	19.21	19.15	19.10	30.00	PASS
	256QAM	1	0	18.73	18.61	18.79	18.71	18.59	18.77	30.00	PASS
		1	25	18.70	18.81	18.85	18.68	18.79	18.83	30.00	PASS
		1	49	18.65	18.59	18.84	18.63	18.57	18.82	30.00	PASS
		25	0	18.41	18.53	18.59	18.39	18.51	18.57	30.00	PASS
		25	13	18.46	18.54	18.82	18.44	18.52	18.8	30.00	PASS
		25	25	18.43	18.67	18.69	18.41	18.65	18.67	30.00	PASS
		50	0	18.57	18.53	18.70	18.55	18.51	18.68	30.00	PASS
Bandwidth	Modulation	RB size	RB offset	Channel 132047	Channel 132322	Channel 132597	Channel 132047	Channel 132322	Channel 132597	Limit	Verdict
15MHz	QPSK	1	0	19.84	19.89	19.90	19.82	19.87	19.88	30.00	PASS
		1	38	19.93	19.96	19.86	19.91	19.94	19.84	30.00	PASS
		1	74	19.90	19.89	19.85	19.88	19.87	19.83	30.00	PASS
		36	0	19.81	19.86	19.81	19.79	19.84	19.79	30.00	PASS
		36	18	19.92	19.87	19.95	19.90	19.85	19.93	30.00	PASS
		36	39	19.86	19.90	19.94	19.84	19.88	19.92	30.00	PASS

		75	0	19.87	19.89	19.82	19.85	19.87	19.80	30.00	PASS
	16QAM	1	0	19.83	19.94	19.82	19.81	19.92	19.80	30.00	PASS
		1	38	19.90	19.94	19.92	19.88	19.92	19.90	30.00	PASS
		1	74	19.94	19.89	19.85	19.92	19.87	19.83	30.00	PASS
		36	0	19.84	19.81	19.91	19.82	19.79	19.89	30.00	PASS
		36	18	19.79	19.88	19.91	19.77	19.86	19.89	30.00	PASS
		36	39	19.70	19.79	19.82	19.68	19.77	19.80	30.00	PASS
		75	0	19.86	19.85	19.84	19.84	19.83	19.82	30.00	PASS
	64QAM	1	0	19.58	19.54	19.59	19.56	19.52	19.57	30.00	PASS
		1	38	19.59	19.44	19.57	19.57	19.42	19.55	30.00	PASS
		1	74	19.70	19.71	19.77	19.68	19.69	19.75	30.00	PASS
		36	0	19.34	19.21	19.13	19.32	19.19	19.11	30.00	PASS
		36	18	19.29	19.31	19.22	19.27	19.29	19.20	30.00	PASS
		36	39	19.39	19.22	19.34	19.37	19.20	19.32	30.00	PASS
		75	0	19.25	19.27	19.22	19.23	19.25	19.20	30.00	PASS
	256QAM	1	0	18.63	18.81	18.91	18.61	18.79	18.89	30.00	PASS
		1	38	18.70	18.86	18.80	18.68	18.84	18.78	30.00	PASS
		1	74	18.74	18.61	18.77	18.72	18.59	18.75	30.00	PASS
		36	0	18.47	18.47	18.57	18.45	18.45	18.55	30.00	PASS
		36	18	18.50	18.59	18.72	18.48	18.57	18.7	30.00	PASS
		36	39	18.62	18.51	18.71	18.6	18.49	18.69	30.00	PASS
		75	0	18.66	18.48	18.76	18.64	18.46	18.74	30.00	PASS
Bandwidth	Modulation	RB	RB	Channel	Channel	Channel	Channel	Channel	Channel	Limit	Verdict
		size	offset	132072	132322	132572	132072	132322	132572		
20MHz	QPSK	1	0	19.88	19.95	19.98	19.86	19.93	19.96	30.00	PASS
		1	50	19.94	19.99	19.96	19.92	19.97	19.94	30.00	PASS
		1	99	19.94	19.92	19.94	19.92	19.90	19.92	30.00	PASS
		50	0	19.91	19.94	19.90	19.89	19.92	19.88	30.00	PASS
		50	25	19.94	19.96	19.97	19.92	19.94	19.95	30.00	PASS
		50	50	19.92	19.95	19.93	19.90	19.93	19.91	30.00	PASS
		100	0	19.96	19.91	19.94	19.94	19.89	19.92	30.00	PASS
	16QAM	1	0	19.91	19.97	19.92	19.89	19.95	19.90	30.00	PASS
		1	50	19.97	19.93	19.90	19.95	19.91	19.88	30.00	PASS
		1	99	19.97	19.96	19.96	19.95	19.94	19.94	30.00	PASS
		50	0	19.93	19.91	19.96	19.91	19.89	19.94	30.00	PASS
		50	25	19.87	19.93	19.90	19.85	19.91	19.88	30.00	PASS
		50	50	19.84	19.94	19.95	19.82	19.92	19.93	30.00	PASS
		100	0	19.97	19.92	19.91	19.95	19.90	19.89	30.00	PASS
	64QAM	1	0	19.60	19.64	19.72	19.58	19.62	19.70	30.00	PASS
		1	50	19.63	19.56	19.65	19.61	19.54	19.63	30.00	PASS
		1	99	19.74	19.73	19.80	19.72	19.71	19.78	30.00	PASS
		50	0	19.35	19.26	19.23	19.33	19.24	19.21	30.00	PASS
		50	25	19.33	19.35	19.32	19.31	19.33	19.30	30.00	PASS
		50	50	19.42	19.37	19.42	19.40	19.35	19.40	30.00	PASS
		100	0	19.36	19.31	19.26	19.34	19.29	19.24	30.00	PASS

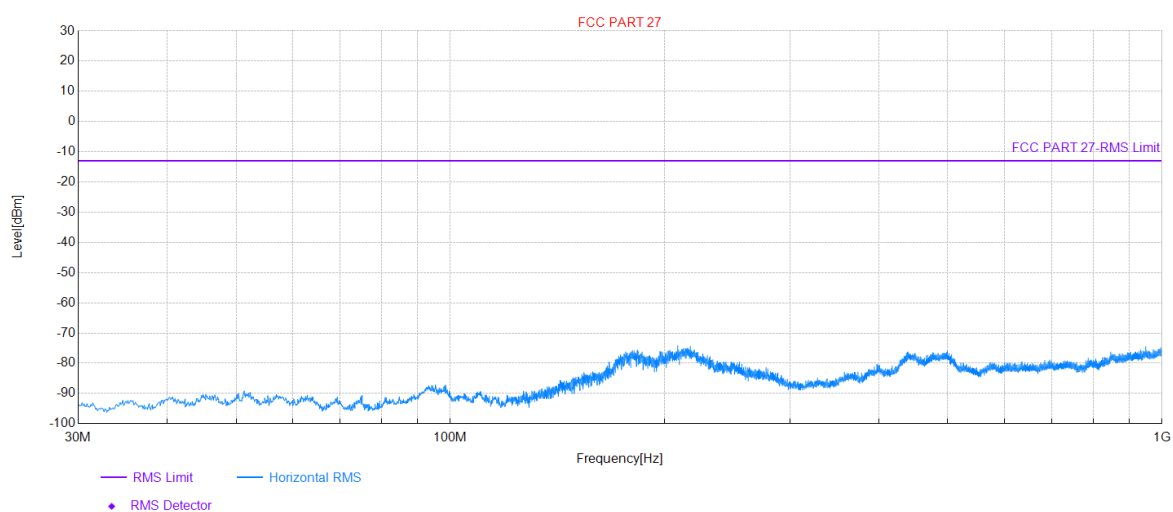
	256QAM	1	0	18.70	18.70	18.80	18.68	18.68	18.78	30.00	PASS
		1	50	18.68	18.75	18.78	18.66	18.73	18.76	30.00	PASS
		1	99	18.62	18.64	18.85	18.6	18.62	18.83	30.00	PASS
		50	0	18.50	18.54	18.67	18.48	18.52	18.65	30.00	PASS
		50	25	18.55	18.60	18.70	18.53	18.58	18.68	30.00	PASS
		50	50	18.51	18.58	18.69	18.49	18.56	18.67	30.00	PASS
		100	0	18.54	18.57	18.71	18.52	18.55	18.69	30.00	PASS

Field Strength of Spurious Radiation

Below 1GHz

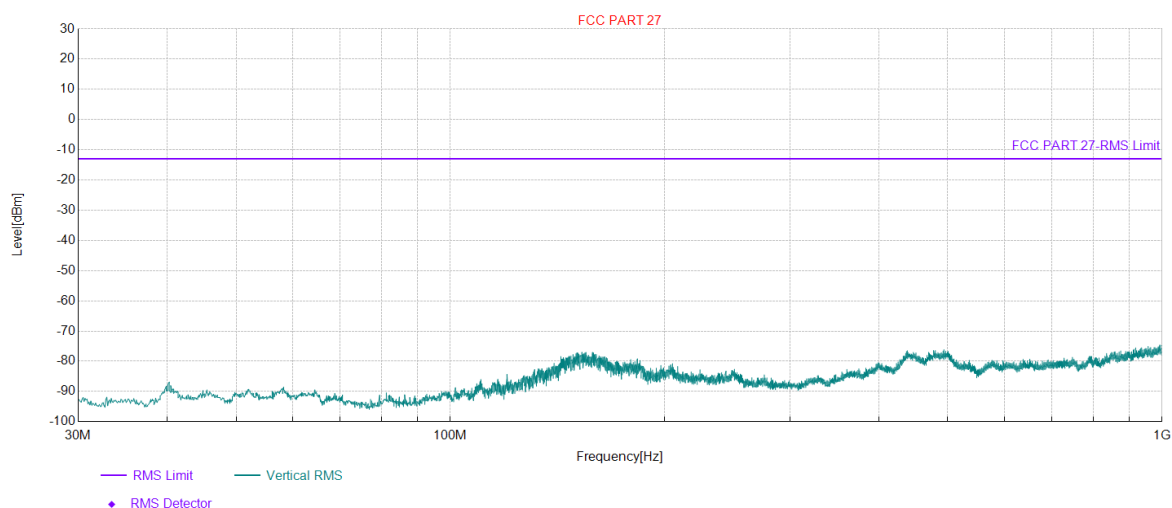
Project Information			
Mode:	LTE	Band:	Band 66
Bandwidth:	20M	Channel:	Mid
IMEI:	862513050026243	Engineer:	欧树炎
Remark:	X		
Test Standard: FCC PART 27			

Test Graph



Project Information			
Mode:	LTE	Band:	Band 66
Bandwidth:	20M	Channel:	Mid
IMEI:	862513050026243	Engineer:	欧树炎
Remark:	X		
Test Standard: FCC PART 27			

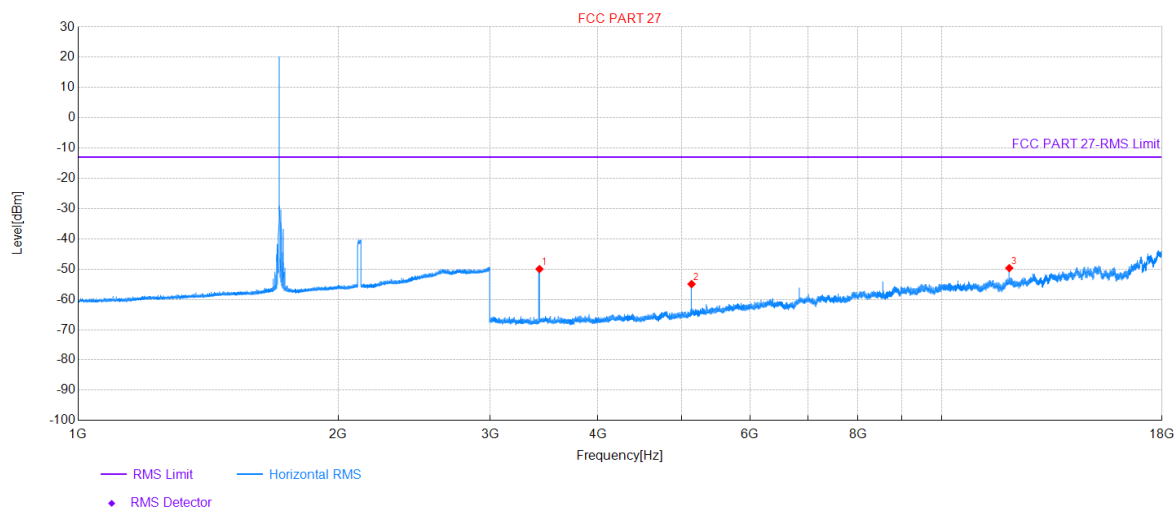
Test Graph



Above 1GHz

Project Information			
Mode:	LTE	Band:	Band 66
Bandwidth:	20M	Channel:	Low
IMEI:	862513050026243	Engineer:	欧树炎
Remark:	X		
Test Standard: FCC PART 27			

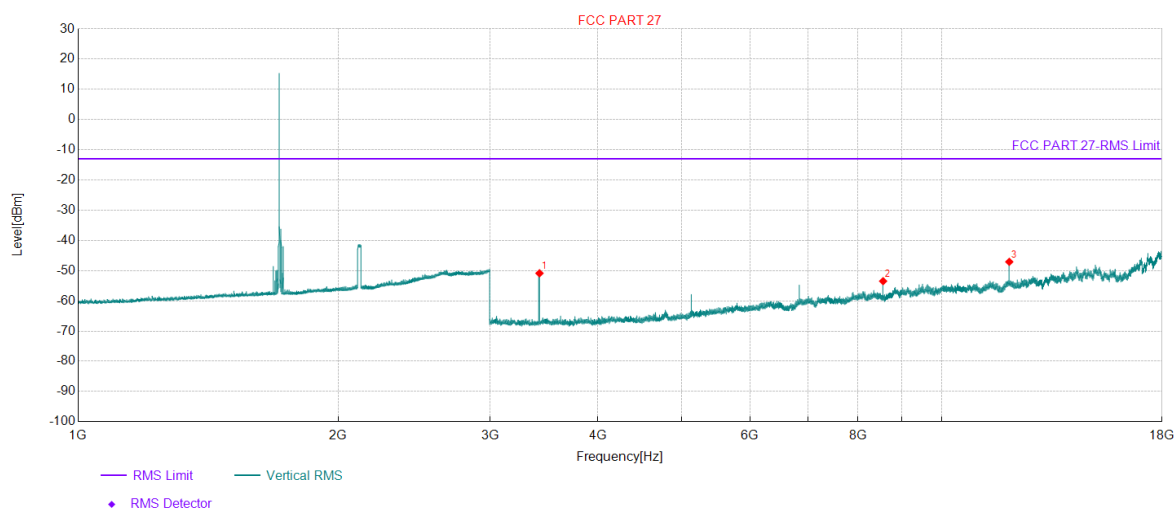
Test Graph



Data List											
NO.	Freq. [MHz]	Reading [dBuV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Trace	Polarity	Verdict
1	3422	57.57	-107.53	-49.96	-13.00	36.96	229	310	RMS	Horizontal	PASS
2	5133	47.29	-102.22	-54.93	-13.00	41.93	130	317	RMS	Horizontal	PASS
3	11977.5	40.16	-89.81	-49.65	-13.00	36.65	284	140	RMS	Horizontal	PASS

Project Information			
Mode:	LTE	Band:	Band 66
Bandwidth:	20M	Channel:	Low
IMEI:	862513050026243	Engineer:	欧树炎
Remark:	X		
Test Standard: FCC PART 27			

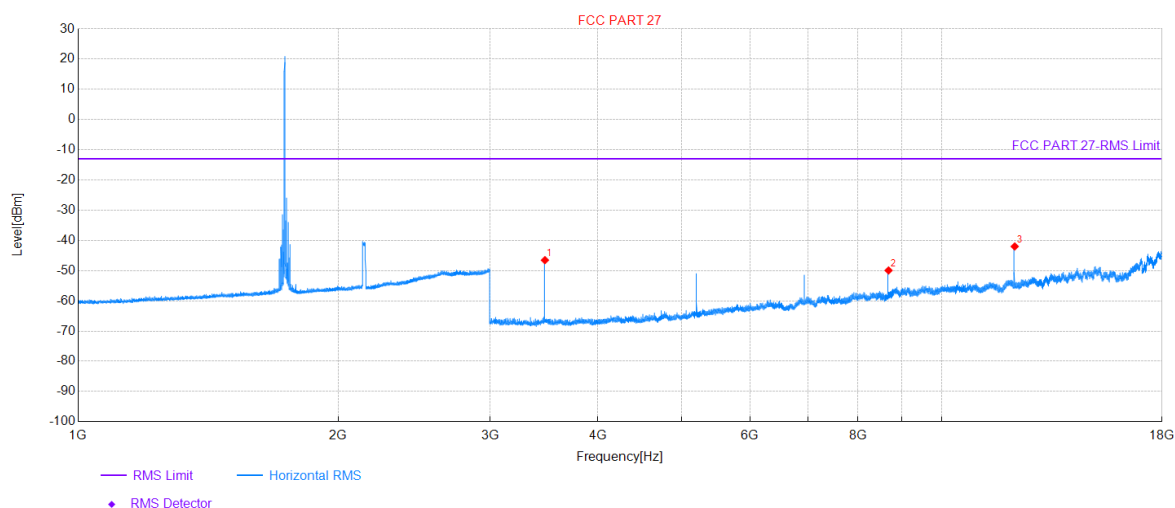
Test Graph



Data List											
NO.	Freq. [MHz]	Reading [dBuV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Trace	Polarity	Verdict
1	3422	56.66	-107.53	-50.87	-13.00	37.87	278	295	RMS	Vertical	PASS
2	8555.5	41.06	-94.54	-53.48	-13.00	40.48	116	281	RMS	Vertical	PASS
3	11977.5	42.73	-89.81	-47.08	-13.00	34.08	243	207	RMS	Vertical	PASS

Project Information			
Mode:	LTE	Band:	Band 66
Bandwidth:	20M	Channel:	Mid
IMEI:	862513050026243	Engineer:	欧树炎
Remark:	X		
Test Standard: FCC PART 27			

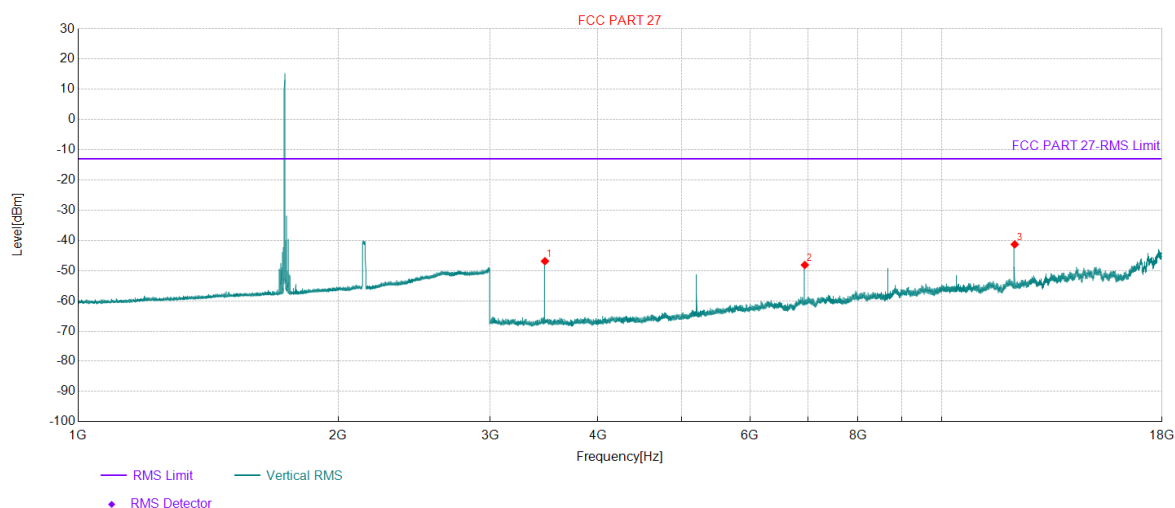
Test Graph



Data List											
NO.	Freq. [MHz]	Reading [dBuV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Trace	Polarity	Verdict
1	3472	60.62	-107.15	-46.53	-13.00	33.53	190	295	RMS	Horizontal	PASS
2	8680.5	44.25	-94.18	-49.93	-13.00	36.93	175	237	RMS	Horizontal	PASS
3	12152.5	48.92	-90.91	-41.99	-13.00	28.99	260	193	RMS	Horizontal	PASS

Project Information			
Mode:	LTE	Band:	Band 66
Bandwidth:	20M	Channel:	Mid
IMEI:	862513050026243	Engineer:	欧树炎
Remark:	X		
Test Standard: FCC PART 27			

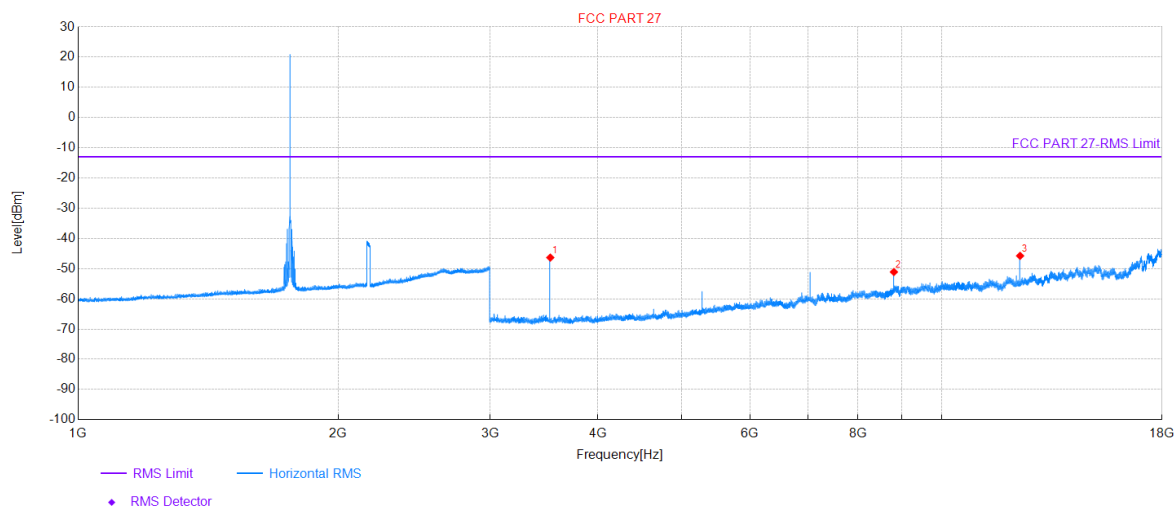
Test Graph



Data List											
NO.	Freq. [MHz]	Reading [dBuV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Trace	Polarity	Verdict
1	3472	60.29	-107.15	-46.86	-13.00	33.86	195	288	RMS	Vertical	PASS
2	6944	49.68	-97.80	-48.12	-13.00	35.12	279	54	RMS	Vertical	PASS
3	12152.5	49.60	-90.91	-41.31	-13.00	28.31	174	199	RMS	Vertical	PASS

Project Information			
Mode:	LTE	Band:	Band 66
Bandwidth:	20M	Channel:	High
IMEI:	862513050026243	Engineer:	欧树炎
Remark:	X		
Test Standard: FCC PART 27			

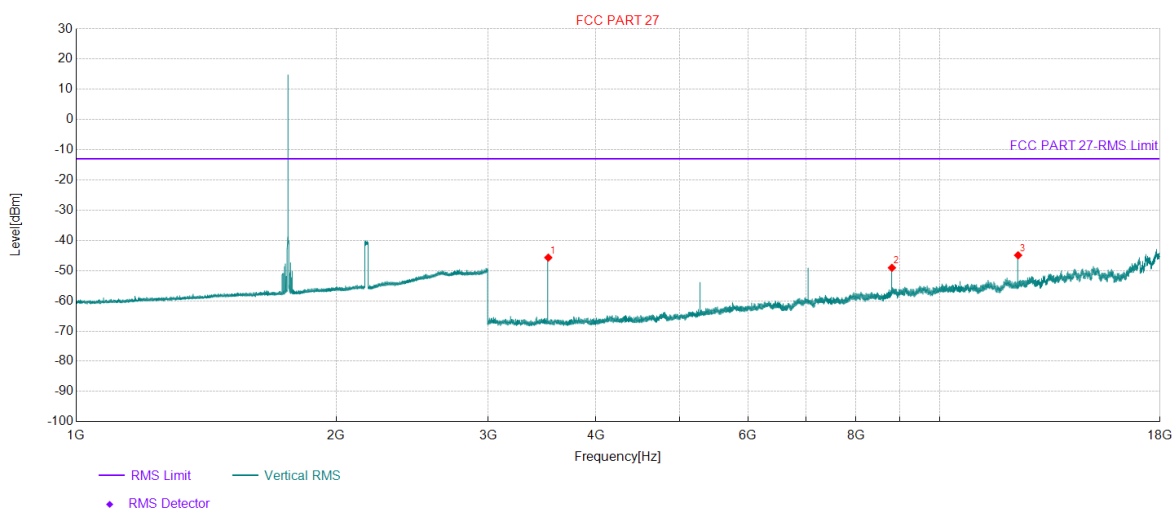
Test Graph



Data List											
NO.	Freq. [MHz]	Reading [dBuV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Trace	Polarity	Verdict
1	3522	60.91	-107.25	-46.34	-13.00	33.34	168	301	RMS	Horizontal	PASS
2	8805.5	41.88	-92.99	-51.11	-13.00	38.11	109	273	RMS	Horizontal	PASS
3	12327.5	44.69	-90.45	-45.76	-13.00	32.76	224	142	RMS	Horizontal	PASS

Project Information			
Mode:	LTE	Band:	Band 66
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	3522	61.57	-107.25	-45.68	-13.00	32.68	240	287	RMS	Vertical	PASS
2	8805.5	43.93	-92.99	-49.06	-13.00	36.06	172	308	RMS	Vertical	PASS
3	12328	45.53	-90.45	-44.92	-13.00	31.92	143	360	RMS	Vertical	PASS