

Effective (Isotropic) Radiated Power Output Data

Test Result

LTE Band 2				Conducted Power(dBm)			EIRP(dBm)			Limit	Verdict
Bandwidth	Modulation	RB size	RB offset	Channel 18607	Channel 18900	Channel 19193	Channel 18607	Channel 18900	Channel 19193		
1.4MHz	QPSK	1	0	19.97	19.83	19.84	20.07	19.93	19.94	33.00	PASS
		1	2	19.90	19.93	19.95	20.00	20.03	20.05	33.00	PASS
		1	5	19.92	19.89	19.84	20.02	19.99	19.94	33.00	PASS
		3	0	19.86	19.92	19.95	19.96	20.02	20.05	33.00	PASS
		3	2	19.87	19.94	19.91	19.97	20.04	20.01	33.00	PASS
		3	3	19.91	19.88	19.89	20.01	19.98	19.99	33.00	PASS
		6	0	19.88	19.88	19.85	19.98	19.98	19.95	33.00	PASS
	16QAM	1	0	19.89	19.86	19.90	19.99	19.96	20.00	33.00	PASS
		1	2	19.80	19.78	19.91	19.90	19.88	20.01	33.00	PASS
		1	5	19.88	19.82	19.87	19.98	19.92	19.97	33.00	PASS
		3	0	19.94	19.94	19.93	20.04	20.04	20.03	33.00	PASS
		3	2	19.91	19.85	19.90	20.01	19.95	20.00	33.00	PASS
		3	3	19.88	19.91	19.75	19.98	20.01	19.85	33.00	PASS
		6	0	19.89	19.85	19.81	19.99	19.95	19.91	33.00	PASS
	64QAM	1	0	19.57	19.60	19.56	19.67	19.70	19.66	33.00	PASS
		1	2	19.42	19.41	19.45	19.52	19.51	19.55	33.00	PASS
		1	5	19.63	19.60	19.69	19.73	19.70	19.79	33.00	PASS
		3	0	19.34	19.41	19.35	19.44	19.51	19.45	33.00	PASS
		3	2	19.46	19.39	19.36	19.56	19.49	19.46	33.00	PASS
		3	3	19.35	19.30	19.24	19.45	19.40	19.34	33.00	PASS
		6	0	19.40	19.19	19.24	19.50	19.29	19.34	33.00	PASS
	256QAM	1	0	18.89	18.88	18.92	18.99	18.98	19.02	33.00	PASS
		1	2	18.92	18.89	18.92	19.02	18.99	19.02	33.00	PASS
		1	5	18.91	18.97	18.88	19.01	19.07	18.98	33.00	PASS
		3	0	18.84	18.84	18.79	18.94	18.94	18.89	33.00	PASS
		3	2	18.84	18.76	18.76	18.94	18.86	18.86	33.00	PASS
		3	3	18.71	18.70	18.65	18.81	18.8	18.75	33.00	PASS
		6	0	18.74	18.68	18.77	18.84	18.78	18.87	33.00	PASS
Bandwidth	Modulation	RB size	RB offset	Channel 18615	Channel 18900	Channel 19185	Channel 18615	Channel 18900	Channel 19185	Limit	Verdict
3MHz	QPSK	1	0	19.81	19.84	19.87	19.91	19.94	19.97	33.00	PASS
		1	7	19.89	19.91	19.89	19.99	20.01	19.99	33.00	PASS
		1	14	19.91	19.90	19.82	20.01	20.00	19.92	33.00	PASS
		8	0	19.89	19.92	19.88	19.99	20.02	19.98	33.00	PASS
		8	4	19.88	19.95	19.89	19.98	20.05	19.99	33.00	PASS
		8	7	19.93	19.93	19.94	20.03	20.03	20.04	33.00	PASS

		15	0	19.80	19.93	19.83	19.90	20.03	19.93	33.00	PASS
	16QAM	1	0	19.88	19.85	19.90	19.98	19.95	20.00	33.00	PASS
		1	7	19.90	19.82	19.93	20.00	19.92	20.03	33.00	PASS
		1	14	19.86	19.89	19.81	19.96	19.99	19.91	33.00	PASS
		8	0	19.92	19.90	19.87	20.02	20.00	19.97	33.00	PASS
		8	4	19.94	19.82	19.94	20.04	19.92	20.04	33.00	PASS
		8	7	19.91	19.88	19.74	20.01	19.98	19.84	33.00	PASS
		15	0	19.85	19.86	19.77	19.95	19.96	19.87	33.00	PASS
	64QAM	1	0	19.53	19.42	19.68	19.63	19.52	19.78	33.00	PASS
		1	7	19.55	19.39	19.48	19.65	19.49	19.58	33.00	PASS
		1	14	19.54	19.57	19.53	19.64	19.67	19.63	33.00	PASS
		8	0	19.40	19.25	19.33	19.50	19.35	19.43	33.00	PASS
		8	4	19.33	19.23	19.45	19.43	19.33	19.55	33.00	PASS
		8	7	19.26	19.27	19.22	19.36	19.37	19.32	33.00	PASS
		15	0	19.36	19.37	19.38	19.46	19.47	19.48	33.00	PASS
	256QAM	1	0	18.85	18.89	18.89	18.95	18.99	18.99	33.00	PASS
		1	7	18.93	18.83	18.93	19.03	18.93	19.03	33.00	PASS
		1	14	18.80	18.95	18.92	18.9	19.05	19.02	33.00	PASS
		8	0	18.93	18.80	18.77	19.03	18.9	18.87	33.00	PASS
		8	4	18.73	18.83	18.74	18.83	18.93	18.84	33.00	PASS
		8	7	18.72	18.71	18.72	18.82	18.81	18.82	33.00	PASS
		15	0	18.79	18.68	18.75	18.89	18.78	18.85	33.00	PASS
Bandwidth	Modulation	RB size	RB offset	Channel 18625	Channel 18900	Channel 19175	Channel 18625	Channel 18900	Channel 19175	Limit	Verdict
5MHz	QPSK	1	0	19.86	19.86	19.85	19.96	19.96	19.95	33.00	PASS
		1	13	19.88	19.90	19.92	19.98	20.00	20.02	33.00	PASS
		1	24	19.94	19.90	19.84	20.04	20.00	19.94	33.00	PASS
		12	0	19.93	19.90	19.88	20.03	20.00	19.98	33.00	PASS
		12	6	19.97	19.96	19.86	20.07	20.06	19.96	33.00	PASS
		12	13	19.93	19.89	19.91	20.03	19.99	20.01	33.00	PASS
		25	0	19.83	19.80	19.92	19.93	19.90	20.02	33.00	PASS
	16QAM	1	0	19.94	19.87	19.96	20.04	19.97	20.06	33.00	PASS
		1	13	19.85	19.92	19.93	19.95	20.02	20.03	33.00	PASS
		1	24	19.94	19.93	19.86	20.04	20.03	19.96	33.00	PASS
		12	0	19.95	19.97	19.94	20.05	20.07	20.04	33.00	PASS
		12	6	19.82	19.87	19.88	19.92	19.97	19.98	33.00	PASS
		12	13	19.88	19.81	19.76	19.98	19.91	19.86	33.00	PASS
		25	0	19.96	19.93	19.92	20.06	20.03	20.02	33.00	PASS
	64QAM	1	0	19.42	19.43	19.55	19.52	19.53	19.65	33.00	PASS
		1	13	19.49	19.54	19.43	19.59	19.64	19.53	33.00	PASS
		1	24	19.59	19.58	19.60	19.69	19.68	19.70	33.00	PASS
		12	0	19.37	19.26	19.37	19.47	19.36	19.47	33.00	PASS
		12	6	19.50	19.30	19.48	19.60	19.40	19.58	33.00	PASS
		12	13	19.32	19.31	19.22	19.42	19.41	19.32	33.00	PASS
		25	0	19.43	19.32	19.27	19.53	19.42	19.37	33.00	PASS

	256QAM	1	0	18.89	18.79	18.79	18.99	18.89	18.89	33.00	PASS
		1	13	18.91	18.94	18.82	19.01	19.04	18.92	33.00	PASS
		1	24	18.93	18.98	18.88	19.03	19.08	18.98	33.00	PASS
		12	0	18.93	18.75	18.82	19.03	18.85	18.92	33.00	PASS
		12	6	18.69	18.72	18.72	18.79	18.82	18.82	33.00	PASS
		12	13	18.62	18.70	18.58	18.72	18.8	18.68	33.00	PASS
		25	0	18.72	18.77	18.76	18.82	18.87	18.86	33.00	PASS
Bandwidth	Modulation	RB size	RB offset	Channel 18650	Channel 18900	Channel 19150	Channel 18650	Channel 18900	Channel 19150	Limit	Verdict
10MHz	QPSK	1	0	19.84	19.80	19.91	19.94	19.90	20.01	33.00	PASS
		1	25	19.93	19.95	19.96	20.03	20.05	20.06	33.00	PASS
		1	49	19.96	19.92	19.88	20.06	20.02	19.98	33.00	PASS
		25	0	19.97	19.96	19.92	20.07	20.06	20.02	33.00	PASS
		25	13	19.96	19.92	19.86	20.06	20.02	19.96	33.00	PASS
		25	25	19.95	19.92	19.94	20.05	20.02	20.04	33.00	PASS
		50	0	19.77	19.88	19.91	19.87	19.98	20.01	33.00	PASS
	16QAM	1	0	19.87	19.85	19.84	19.97	19.95	19.94	33.00	PASS
		1	25	19.90	19.75	19.95	20.00	19.85	20.05	33.00	PASS
		1	49	19.93	19.84	19.81	20.03	19.94	19.91	33.00	PASS
		25	0	19.91	19.92	19.92	20.01	20.02	20.02	33.00	PASS
		25	13	19.95	19.92	19.93	20.05	20.02	20.03	33.00	PASS
		25	25	19.93	19.79	19.84	20.03	19.89	19.94	33.00	PASS
		50	0	19.86	19.94	19.75	19.96	20.04	19.85	33.00	PASS
	64QAM	1	0	19.54	19.53	19.58	19.64	19.63	19.68	33.00	PASS
		1	25	19.44	19.42	19.41	19.54	19.52	19.51	33.00	PASS
		1	49	19.62	19.50	19.52	19.72	19.60	19.62	33.00	PASS
		25	0	19.47	19.27	19.38	19.57	19.37	19.48	33.00	PASS
		25	13	19.45	19.39	19.46	19.55	19.49	19.56	33.00	PASS
		25	25	19.27	19.21	19.38	19.37	19.31	19.48	33.00	PASS
		50	0	19.34	19.23	19.25	19.44	19.33	19.35	33.00	PASS
	256QAM	1	0	18.93	18.88	18.79	19.03	18.98	18.89	33.00	PASS
		1	25	18.91	18.96	18.82	19.01	19.06	18.92	33.00	PASS
		1	49	18.80	18.91	18.92	18.9	19.01	19.02	33.00	PASS
		25	0	18.80	18.86	18.73	18.9	18.96	18.83	33.00	PASS
		25	13	18.80	18.74	18.82	18.9	18.84	18.92	33.00	PASS
		25	25	18.61	18.59	18.69	18.71	18.69	18.79	33.00	PASS
		50	0	18.79	18.72	18.74	18.89	18.82	18.84	33.00	PASS
Bandwidth	Modulation	RB size	RB offset	Channel 18675	Channel 18900	Channel 19125	Channel 18675	Channel 18900	Channel 19125	Limit	Verdict
15MHz	QPSK	1	0	19.88	19.74	19.89	19.98	19.84	19.99	33.00	PASS
		1	38	19.93	19.96	19.89	20.03	20.06	19.99	33.00	PASS
		1	74	19.84	19.95	19.95	19.94	20.05	20.05	33.00	PASS
		36	0	19.91	19.92	19.94	20.01	20.02	20.04	33.00	PASS
		36	18	19.95	19.97	19.93	20.05	20.07	20.03	33.00	PASS
		36	39	19.94	19.88	19.92	20.04	19.98	20.02	33.00	PASS

		75	0	19.92	19.90	19.95	20.02	20.00	20.05	33.00	PASS
	16QAM	1	0	19.85	19.87	19.88	19.95	19.97	19.98	33.00	PASS
		1	38	19.89	19.76	19.94	19.99	19.86	20.04	33.00	PASS
		1	74	19.91	19.86	19.90	20.01	19.96	20.00	33.00	PASS
		36	0	19.89	19.88	19.92	19.99	19.98	20.02	33.00	PASS
		36	18	19.82	19.95	19.97	19.92	20.05	20.07	33.00	PASS
		36	39	19.94	19.80	19.88	20.04	19.90	19.98	33.00	PASS
		75	0	19.92	19.97	19.88	20.02	20.07	19.98	33.00	PASS
	64QAM	1	0	19.48	19.61	19.65	19.58	19.71	19.75	33.00	PASS
		1	38	19.47	19.55	19.50	19.57	19.65	19.60	33.00	PASS
		1	74	19.56	19.49	19.58	19.66	19.59	19.68	33.00	PASS
		36	0	19.37	19.39	19.42	19.47	19.49	19.52	33.00	PASS
		36	18	19.45	19.41	19.48	19.55	19.51	19.58	33.00	PASS
		36	39	19.34	19.27	19.31	19.44	19.37	19.41	33.00	PASS
		75	0	19.39	19.19	19.31	19.49	19.29	19.41	33.00	PASS
	256QAM	1	0	18.94	18.88	18.87	19.04	18.98	18.97	33.00	PASS
		1	38	18.87	18.95	18.89	18.97	19.05	18.99	33.00	PASS
		1	74	18.82	18.94	18.88	18.92	19.04	18.98	33.00	PASS
		36	0	18.83	18.83	18.66	18.93	18.93	18.76	33.00	PASS
		36	18	18.78	18.82	18.74	18.88	18.92	18.84	33.00	PASS
		36	39	18.65	18.62	18.71	18.75	18.72	18.81	33.00	PASS
		75	0	18.74	18.82	18.75	18.84	18.92	18.85	33.00	PASS
Bandwidth	Modulation	RB size	RB offset	Channel 18700	Channel 18900	Channel 19100	Channel 18700	Channel 18900	Channel 19100	Limit	Verdict
20MHz	QPSK	1	0	19.90	19.92	19.92	20.00	20.02	20.02	33.00	PASS
		1	50	19.95	19.98	19.95	20.05	20.08	20.05	33.00	PASS
		1	99	19.94	19.96	19.93	20.04	20.06	20.03	33.00	PASS
		50	0	19.94	19.97	19.93	20.04	20.07	20.03	33.00	PASS
		50	25	19.97	19.96	19.95	20.07	20.06	20.05	33.00	PASS
		50	50	19.97	19.95	19.96	20.07	20.05	20.06	33.00	PASS
		100	0	19.93	19.97	19.91	20.03	20.07	20.01	33.00	PASS
	16QAM	1	0	19.95	19.89	19.97	20.05	19.99	20.07	33.00	PASS
		1	50	19.93	19.93	19.96	20.03	20.03	20.06	33.00	PASS
		1	99	19.94	19.96	19.90	20.04	20.06	20.00	33.00	PASS
		50	0	19.94	19.95	19.94	20.04	20.05	20.04	33.00	PASS
		50	25	19.93	19.92	19.97	20.03	20.02	20.07	33.00	PASS
		50	50	19.93	19.91	19.84	20.03	20.01	19.94	33.00	PASS
		100	0	19.90	19.94	19.92	20.00	20.04	20.02	33.00	PASS
	64QAM	1	0	19.49	19.52	19.60	19.59	19.62	19.70	33.00	PASS
		1	50	19.48	19.45	19.47	19.58	19.55	19.57	33.00	PASS
		1	99	19.62	19.56	19.62	19.72	19.66	19.72	33.00	PASS
		50	0	19.41	19.35	19.43	19.51	19.45	19.53	33.00	PASS
		50	25	19.41	19.33	19.40	19.51	19.43	19.50	33.00	PASS
		50	50	19.33	19.31	19.31	19.43	19.41	19.41	33.00	PASS
		100	0	19.37	19.29	19.30	19.47	19.39	19.40	33.00	PASS

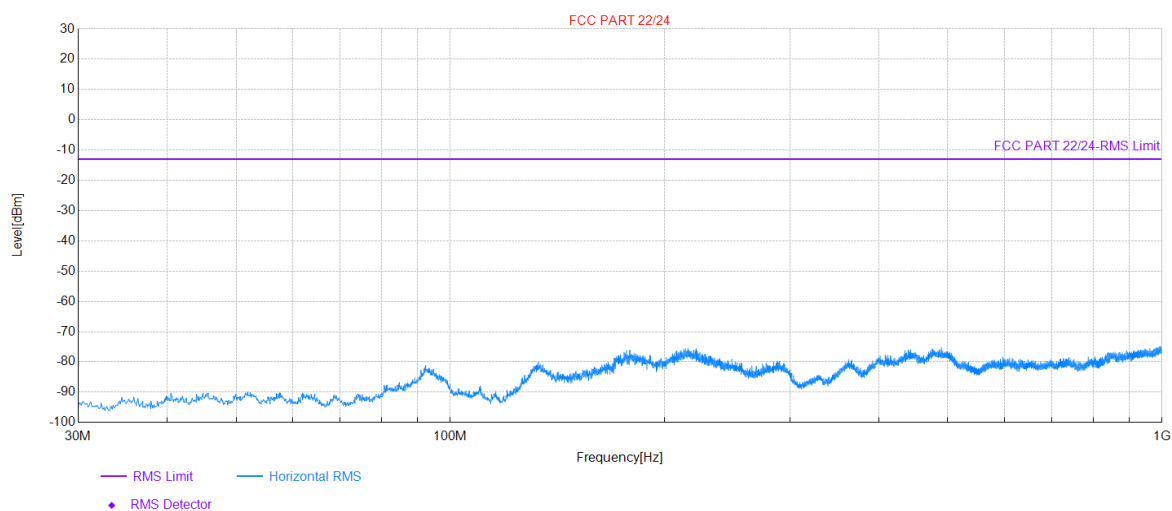
	256QAM	1	0	18.91	18.87	18.87	19.01	18.97	18.97	33.00	PASS
		1	50	18.92	18.93	18.90	19.02	19.03	19	33.00	PASS
		1	99	18.90	18.92	18.91	19	19.02	19.01	33.00	PASS
		50	0	18.87	18.80	18.76	18.97	18.9	18.86	33.00	PASS
		50	25	18.79	18.77	18.79	18.89	18.87	18.89	33.00	PASS
		50	50	18.70	18.69	18.66	18.8	18.79	18.76	33.00	PASS
		100	0	18.75	18.76	18.75	18.85	18.86	18.85	33.00	PASS

Field Strength of Spurious Radiation

Below 1GHz

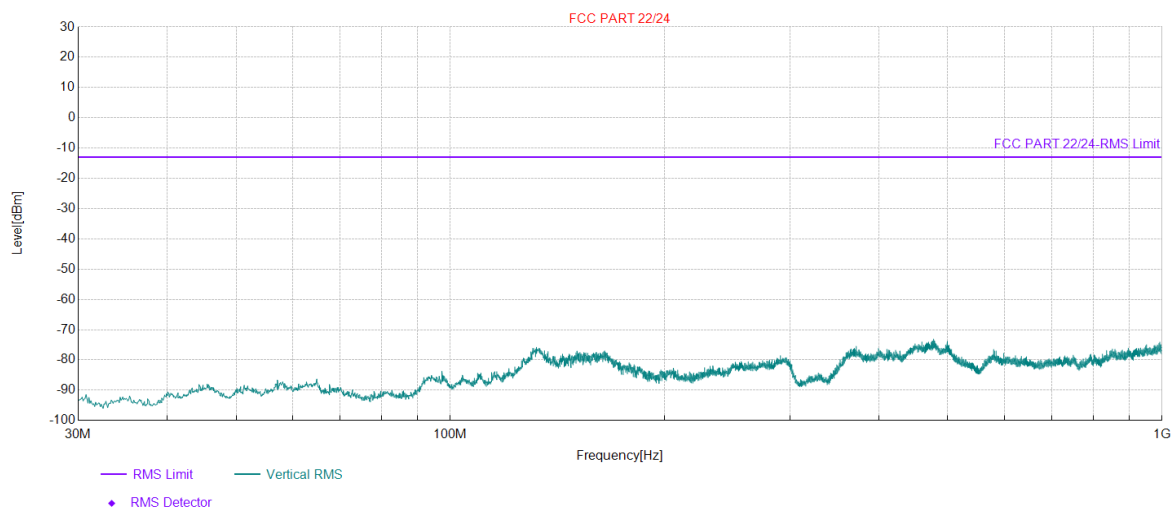
Project Information			
Mode:	LTE	Band:	Band 2
Bandwidth:	20M	Channel:	Mid
IMEI:	862513050026243	Engineer:	欧树炎
Remark:	X		
Test Standard: FCC PART 22/24			

Test Graph



Project Information			
Mode:	LTE	Band:	Band 2
Bandwidth:	20M	Channel:	Mid
IMEI:	862513050026243	Engineer:	欧树炎
Remark:	X		
Test Standard: FCC PART 22/24			

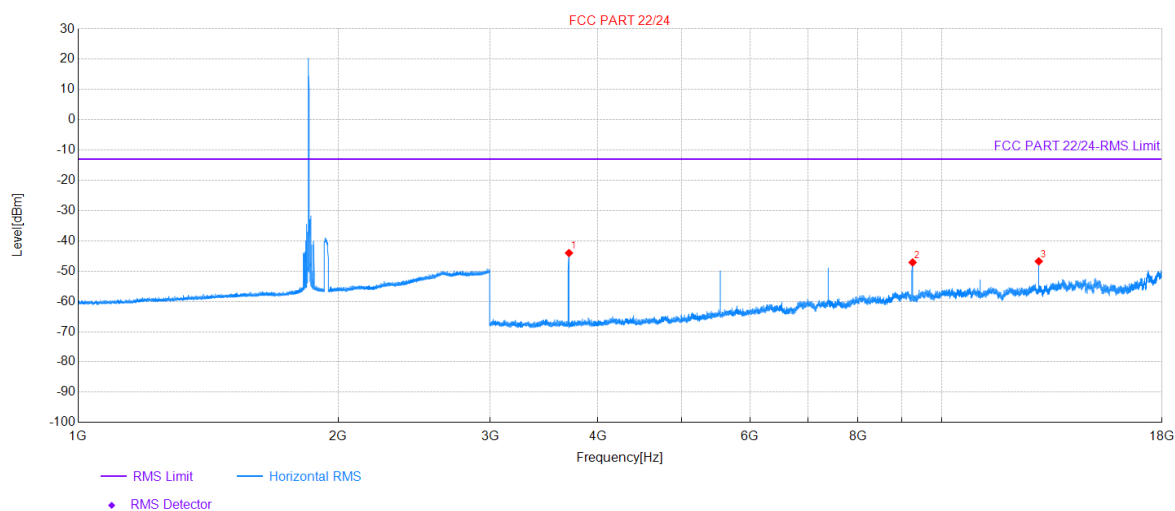
Test Graph



Above 1GHz

Project Information			
Mode:	LTE	Band:	Band 2
Bandwidth:	20M	Channel:	Low
IMEI:	862513050026243	Engineer:	欧树炎
Remark:	X		
Test Standard: FCC PART 22/24			

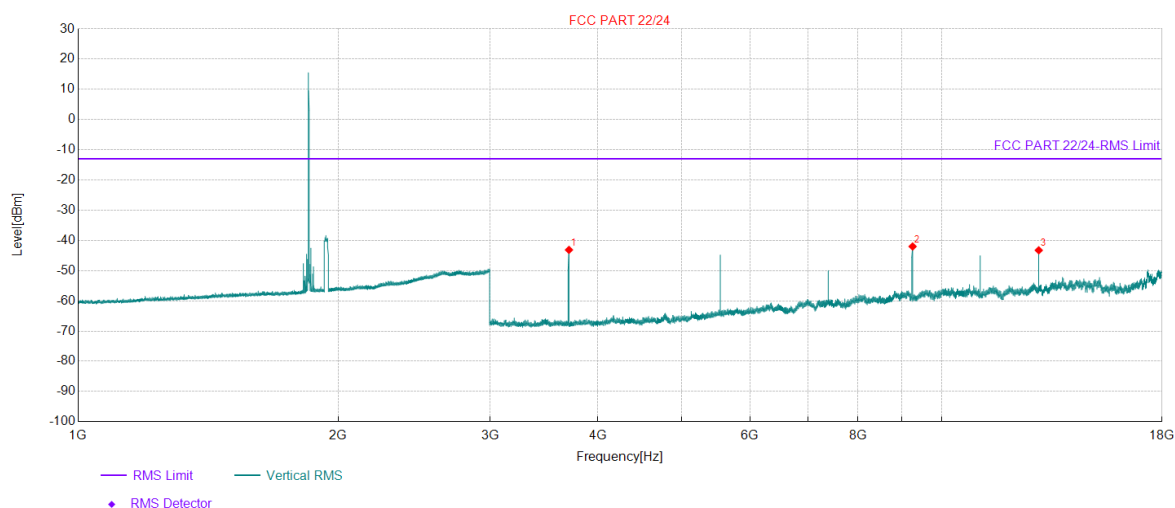
Test Graph



Data List											
NO.	Freq. [MHz]	Reading [dBuV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Trace	Polarity	Verdict
1	3702	63.50	-107.51	-44.01	-13.00	31.01	164	290	RMS	Horizontal	PASS
2	9255.5	45.51	-92.63	-47.12	-13.00	34.12	283	198	RMS	Horizontal	PASS
3	12958	43.32	-90.08	-46.76	-13.00	33.76	153	232	RMS	Horizontal	PASS

Project Information			
Mode:	LTE	Band:	Band 2
Bandwidth:	20M	Channel:	Low
IMEI:	862513050026243	Engineer:	欧树炎
Remark:	X		
Test Standard: FCC PART 22/24			

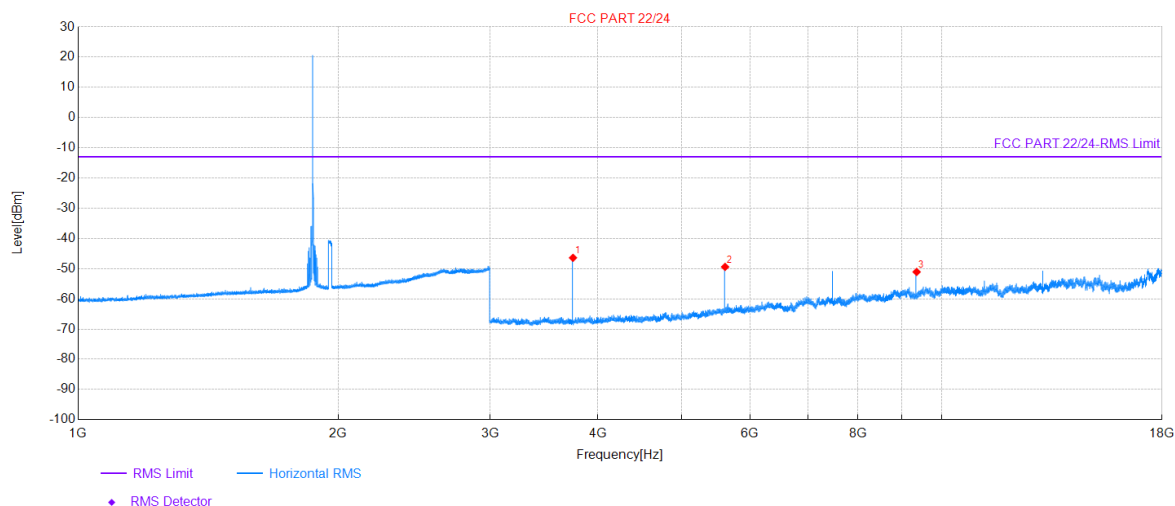
Test Graph



Data List											
NO.	Freq. [MHz]	Reading [dBuV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Trace	Polarity	Verdict
1	3702	64.38	-107.51	-43.13	-13.00	30.13	145	282	RMS	Vertical	PASS
2	9255.5	50.63	-92.63	-42.00	-13.00	29.00	186	206	RMS	Vertical	PASS
3	12957.5	46.82	-90.09	-43.27	-13.00	30.27	219	206	RMS	Vertical	PASS

Project Information			
Mode:	LTE	Band:	Band 2
Bandwidth:	20M	Channel:	Mid
IMEI:	862513050026243	Engineer:	欧树炎
Remark:	X		
Test Standard: FCC PART 22/24			

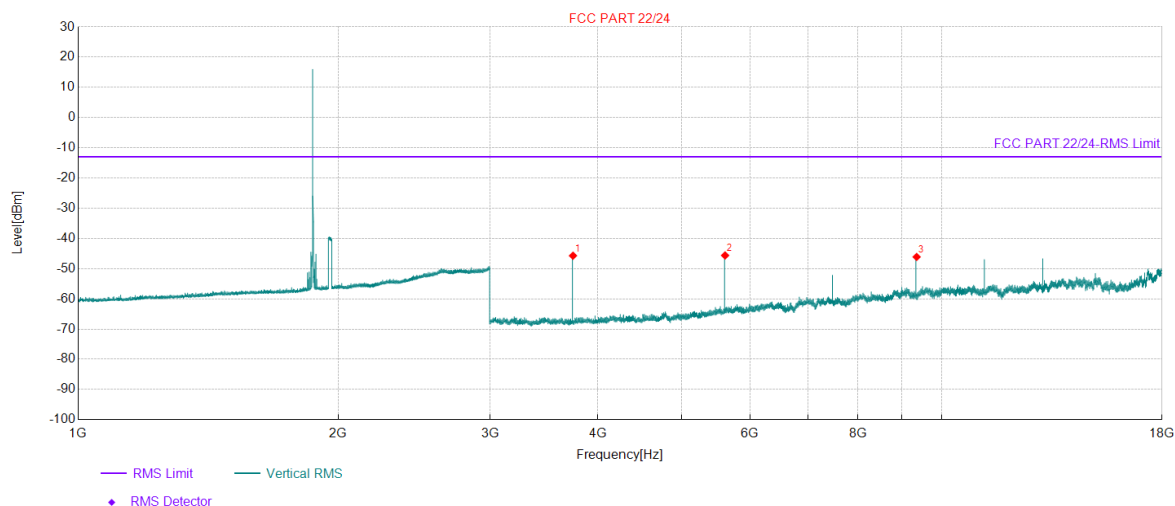
Test Graph



Data List											
NO.	Freq. [MHz]	Reading [dBuV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Trace	Polarity	Verdict
1	3742	61.02	-107.43	-46.41	-13.00	33.41	241	298	RMS	Horizontal	PASS
2	5613.5	51.76	-101.19	-49.43	-13.00	36.43	161	342	RMS	Horizontal	PASS
3	9355.5	42.15	-93.24	-51.09	-13.00	38.09	205	198	RMS	Horizontal	PASS

Project Information			
Mode:	LTE	Band:	Band 2
Bandwidth:	20M	Channel:	Mid
IMEI:	862513050026243	Engineer:	欧树炎
Remark:	X		
Test Standard: FCC PART 22/24			

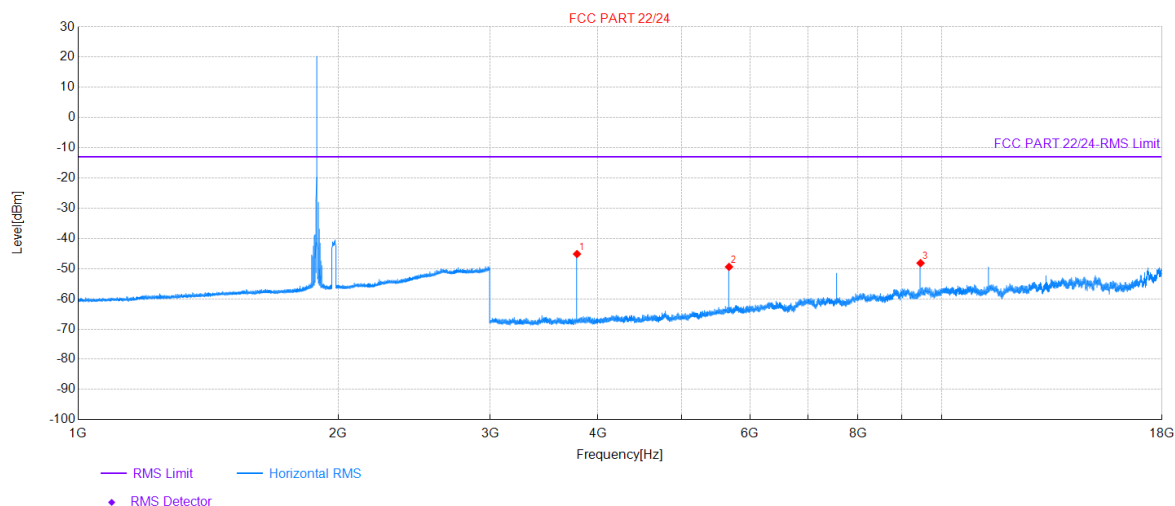
Test Graph



Data List											
NO.	Freq. [MHz]	Reading [dBuV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Trace	Polarity	Verdict
1	3742	61.71	-107.43	-45.72	-13.00	32.72	246	278	RMS	Vertical	PASS
2	5613.5	55.56	-101.19	-45.63	-13.00	32.63	158	0	RMS	Vertical	PASS
3	9355.5	47.11	-93.24	-46.13	-13.00	33.13	140	197	RMS	Vertical	PASS

Project Information			
Mode:	LTE	Band:	Band 2
Bandwidth:	20M	Channel:	High
IMEI:	862513050026243	Engineer:	欧树炎
Remark:	X		
Test Standard: FCC PART 22/24			

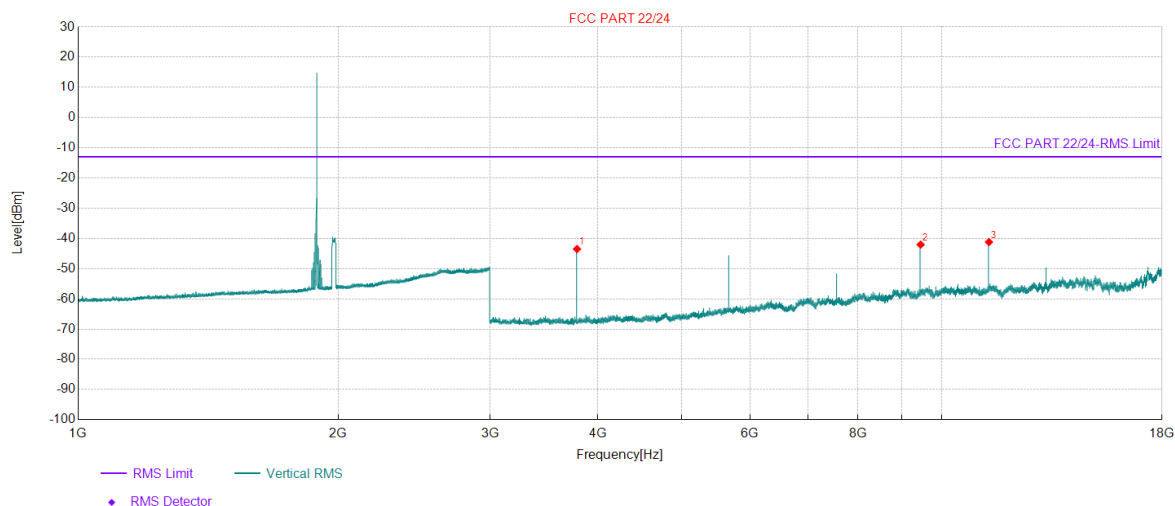
Test Graph



Data List											
NO.	Freq. [MHz]	Reading [dBuV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Trace	Polarity	Verdict
1	3782	61.72	-106.88	-45.16	-13.00	32.16	102	299	RMS	Horizontal	PASS
2	5673	51.37	-100.78	-49.41	-13.00	36.41	166	333	RMS	Horizontal	PASS
3	9455	45.27	-93.44	-48.17	-13.00	35.17	286	196	RMS	Horizontal	PASS

Project Information			
Mode:	LTE	Band:	Band 2
Bandwidth:	20M	Channel:	High
IMEI:	862513050026243	Engineer:	欧树炎
Remark:	X		
Test Standard: FCC PART 22/24			

Test Graph



Data List											
NO.	Freq. [MHz]	Reading [dBuV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Trace	Polarity	Verdict
1	3782	63.36	-106.88	-43.52	-13.00	30.52	194	283	RMS	Vertical	PASS
2	9455	51.39	-93.44	-42.05	-13.00	29.05	139	196	RMS	Vertical	PASS
3	11346.5	49.17	-90.38	-41.21	-13.00	28.21	297	313	RMS	Vertical	PASS