

Effective (Isotropic) Radiated Power Output Data

Test Result

LTE Band 5				Conducted Power(dBm)			ERP(dBm)			Limit	Verdict
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel		
				20407	20525	20643	20407	20525	20643		
1.4MHz	QPSK	1	0	22.07	22.13	22.15	17.12	17.18	17.20	38.45	PASS
		1	2	22.20	22.19	22.12	17.25	17.24	17.17	38.45	PASS
		1	5	22.09	22.13	22.12	17.14	17.18	17.17	38.45	PASS
		3	0	22.04	22.17	22.08	17.09	17.22	17.13	38.45	PASS
		3	2	22.10	22.20	22.11	17.15	17.25	17.16	38.45	PASS
		3	3	22.18	22.15	22.20	17.23	17.20	17.25	38.45	PASS
		6	0	22.16	22.16	22.14	17.21	17.21	17.19	38.45	PASS
	16QAM	1	0	22.13	22.18	22.12	17.18	17.23	17.17	38.45	PASS
		1	2	22.16	22.15	22.23	17.21	17.20	17.28	38.45	PASS
		1	5	22.16	22.22	22.22	17.21	17.27	17.27	38.45	PASS
		3	0	21.18	21.23	21.12	16.23	16.28	16.17	38.45	PASS
		3	2	21.04	21.21	21.12	16.09	16.26	16.17	38.45	PASS
		3	3	21.15	21.18	21.19	16.20	16.23	16.24	38.45	PASS
		6	0	21.11	21.10	21.11	16.16	16.15	16.16	38.45	PASS
	64QAM	1	0	21.07	21.14	20.98	16.12	16.19	16.03	38.45	PASS
		1	2	21.07	21.05	21.05	16.12	16.10	16.10	38.45	PASS
		1	5	20.95	20.94	20.84	16.00	15.99	15.89	38.45	PASS
		3	0	20.63	20.49	20.68	15.68	15.54	15.73	38.45	PASS
		3	2	20.55	20.50	20.61	15.60	15.55	15.66	38.45	PASS
		3	3	20.58	20.37	20.61	15.63	15.42	15.66	38.45	PASS
		6	0	20.61	20.49	20.69	15.66	15.54	15.74	38.45	PASS
	256QAM	1	0	18.65	18.93	18.67	13.7	13.98	13.72	38.45	PASS
		1	2	18.64	18.79	18.80	13.69	13.84	13.85	38.45	PASS
		1	5	18.61	18.86	18.76	13.66	13.91	13.81	38.45	PASS
		3	0	18.54	18.81	18.59	13.59	13.86	13.64	38.45	PASS
		3	2	18.69	18.82	18.58	13.74	13.87	13.63	38.45	PASS
		3	3	18.70	18.75	18.78	13.75	13.8	13.83	38.45	PASS
		6	0	18.72	18.73	18.63	13.77	13.78	13.68	38.45	PASS
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Limit	Verdict
				20415	20525	20635	20415	20525	20635		
3MHz	QPSK	1	0	22.38	22.44	22.46	17.43	17.49	17.51	38.45	PASS
		1	7	22.51	22.50	22.43	17.56	17.55	17.48	38.45	PASS
		1	14	22.40	22.44	22.43	17.45	17.49	17.48	38.45	PASS
		8	0	22.36	22.49	22.40	17.41	17.54	17.45	38.45	PASS
		8	4	22.42	22.52	22.43	17.47	17.57	17.48	38.45	PASS
		8	7	22.50	22.47	22.52	17.55	17.52	17.57	38.45	PASS

		15	0	22.48	22.48	22.46	17.53	17.53	17.51	38.45	PASS
	16QAM	1	0	22.45	22.50	22.44	17.50	17.55	17.49	38.45	PASS
		1	7	22.48	22.47	22.55	17.53	17.52	17.60	38.45	PASS
		1	14	22.48	22.54	22.54	17.53	17.59	17.59	38.45	PASS
		8	0	21.50	21.55	21.44	16.55	16.60	16.49	38.45	PASS
		8	4	21.36	21.53	21.44	16.41	16.58	16.49	38.45	PASS
		8	7	21.47	21.50	21.51	16.52	16.55	16.56	38.45	PASS
		15	0	21.43	21.42	21.43	16.48	16.47	16.48	38.45	PASS
	64QAM	1	0	21.39	21.46	21.30	16.44	16.51	16.35	38.45	PASS
		1	7	21.39	21.37	21.37	16.44	16.42	16.42	38.45	PASS
		1	14	21.27	21.26	21.16	16.32	16.31	16.21	38.45	PASS
		8	0	20.58	20.56	20.64	15.63	15.61	15.69	38.45	PASS
		8	4	20.61	20.39	20.66	15.66	15.44	15.71	38.45	PASS
		8	7	20.58	20.41	20.57	15.63	15.46	15.62	38.45	PASS
		15	0	20.62	20.45	20.59	15.67	15.50	15.64	38.45	PASS
	256QAM	1	0	18.68	18.87	18.77	13.73	13.92	13.82	38.45	PASS
		1	7	18.73	18.87	18.72	13.78	13.92	13.77	38.45	PASS
		1	14	18.71	18.72	18.66	13.76	13.77	13.71	38.45	PASS
		8	0	18.54	18.75	18.60	13.59	13.8	13.65	38.45	PASS
		8	4	18.74	18.79	18.66	13.79	13.84	13.71	38.45	PASS
		8	7	18.60	18.82	18.71	13.65	13.87	13.76	38.45	PASS
		15	0	18.63	18.77	18.69	13.68	13.82	13.74	38.45	PASS
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Limit	Verdict
				20425	20525	20625	20425	20525	20625		
5MHz	QPSK	1	0	22.48	22.48	22.42	17.53	17.53	17.47	38.45	PASS
		1	13	22.47	22.54	22.43	17.52	17.59	17.48	38.45	PASS
		1	24	22.39	22.45	22.47	17.44	17.50	17.52	38.45	PASS
		12	0	22.43	22.53	22.44	17.48	17.58	17.49	38.45	PASS
		12	6	22.46	22.50	22.47	17.51	17.55	17.52	38.45	PASS
		12	13	22.49	22.48	22.52	17.54	17.53	17.57	38.45	PASS
		25	0	22.44	22.44	22.38	17.49	17.49	17.43	38.45	PASS
	16QAM	1	0	22.50	22.50	22.48	17.55	17.55	17.53	38.45	PASS
		1	13	22.55	22.51	22.46	17.60	17.56	17.51	38.45	PASS
		1	24	22.53	22.56	22.50	17.58	17.61	17.55	38.45	PASS
		12	0	21.51	21.55	21.45	16.56	16.60	16.50	38.45	PASS
		12	6	21.35	21.55	21.42	16.40	16.60	16.47	38.45	PASS
		12	13	21.40	21.61	21.50	16.45	16.66	16.55	38.45	PASS
		25	0	21.47	21.46	21.32	16.52	16.51	16.37	38.45	PASS
	64QAM	1	0	21.31	21.51	21.37	16.36	16.56	16.42	38.45	PASS
		1	13	21.41	21.33	21.38	16.46	16.38	16.43	38.45	PASS
		1	24	21.32	21.26	21.26	16.37	16.31	16.31	38.45	PASS
		12	0	20.63	20.46	20.63	15.68	15.51	15.68	38.45	PASS
		12	6	20.67	20.45	20.65	15.72	15.50	15.70	38.45	PASS
		12	13	20.59	20.41	20.58	15.64	15.46	15.63	38.45	PASS
		25	0	20.70	20.43	20.68	15.75	15.48	15.73	38.45	PASS

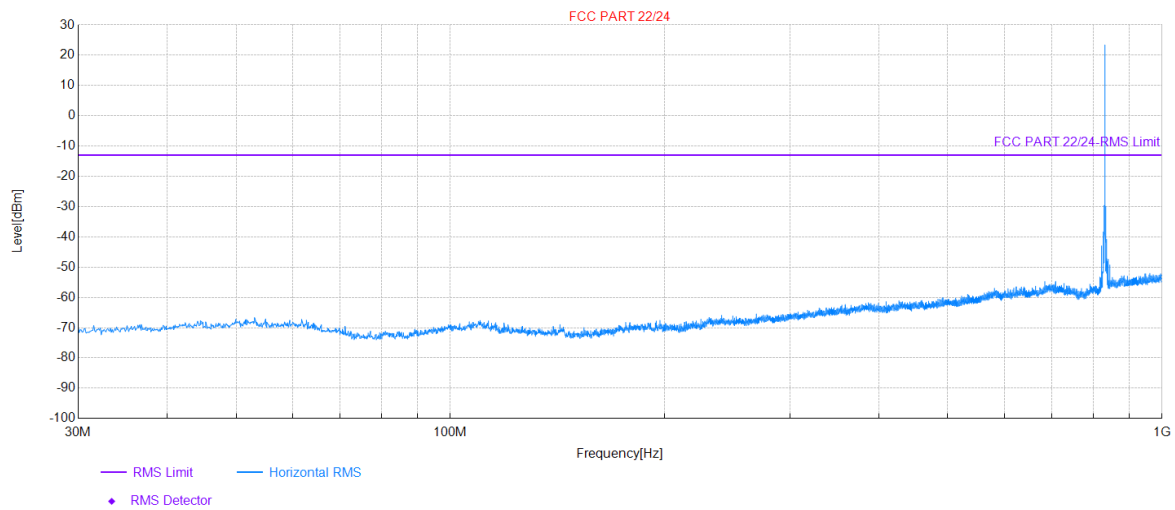
	256QAM	1	0	18.57	18.78	18.73	13.62	13.83	13.78	38.45	PASS
		1	13	18.65	18.81	18.79	13.7	13.86	13.84	38.45	PASS
		1	24	18.74	18.76	18.79	13.79	13.81	13.84	38.45	PASS
		12	0	18.52	18.86	18.75	13.57	13.91	13.8	38.45	PASS
		12	6	18.62	18.78	18.57	13.67	13.83	13.62	38.45	PASS
		12	13	18.73	18.80	18.64	13.78	13.85	13.69	38.45	PASS
		25	0	18.64	18.78	18.61	13.69	13.83	13.66	38.45	PASS
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Limit	Verdict
				20450	20525	20600	20450	20525	20600		
10MHz	QPSK	1	0	22.51	22.51	22.49	17.56	17.56	17.54	38.45	PASS
		1	25	22.54	22.57	22.52	17.59	17.62	17.57	38.45	PASS
		1	49	22.50	22.50	22.53	17.55	17.55	17.58	38.45	PASS
		25	0	22.46	22.56	22.47	17.51	17.61	17.52	38.45	PASS
		25	13	22.54	22.60	22.55	17.59	17.65	17.60	38.45	PASS
		25	25	22.54	22.59	22.54	17.59	17.64	17.59	38.45	PASS
		50	0	22.57	22.54	22.49	17.62	17.59	17.54	38.45	PASS
	16QAM	1	0	22.55	22.58	22.54	17.60	17.63	17.59	38.45	PASS
		1	25	22.60	22.56	22.58	17.65	17.61	17.63	38.45	PASS
		1	49	22.56	22.59	22.59	17.61	17.64	17.64	38.45	PASS
		25	0	21.54	21.56	21.49	16.59	16.61	16.54	38.45	PASS
		25	13	21.47	21.58	21.51	16.52	16.63	16.56	38.45	PASS
		25	25	21.51	21.62	21.55	16.56	16.67	16.60	38.45	PASS
		50	0	21.50	21.54	21.45	16.55	16.59	16.50	38.45	PASS
	64QAM	1	0	21.44	21.55	21.43	16.49	16.60	16.48	38.45	PASS
		1	25	21.46	21.43	21.47	16.51	16.48	16.52	38.45	PASS
		1	49	21.37	21.36	21.27	16.42	16.41	16.32	38.45	PASS
		25	0	20.71	20.57	20.74	15.76	15.62	15.79	38.45	PASS
		25	13	20.68	20.51	20.71	15.73	15.56	15.76	38.45	PASS
		25	25	20.64	20.49	20.68	15.69	15.54	15.73	38.45	PASS
		50	0	20.71	20.52	20.71	15.76	15.57	15.76	38.45	PASS
	256QAM	1	0	18.61	18.83	18.71	13.66	13.88	13.76	38.45	PASS
		1	25	18.64	18.84	18.78	13.69	13.89	13.83	38.45	PASS
		1	49	18.69	18.80	18.70	13.74	13.85	13.75	38.45	PASS
		25	0	18.55	18.76	18.65	13.6	13.81	13.7	38.45	PASS
		25	13	18.64	18.77	18.62	13.69	13.82	13.67	38.45	PASS
		25	25	18.66	18.75	18.69	13.71	13.8	13.74	38.45	PASS
		50	0	18.66	18.80	18.62	13.71	13.85	13.67	38.45	PASS

Field Strength of Spurious Radiation

Below 1GHz

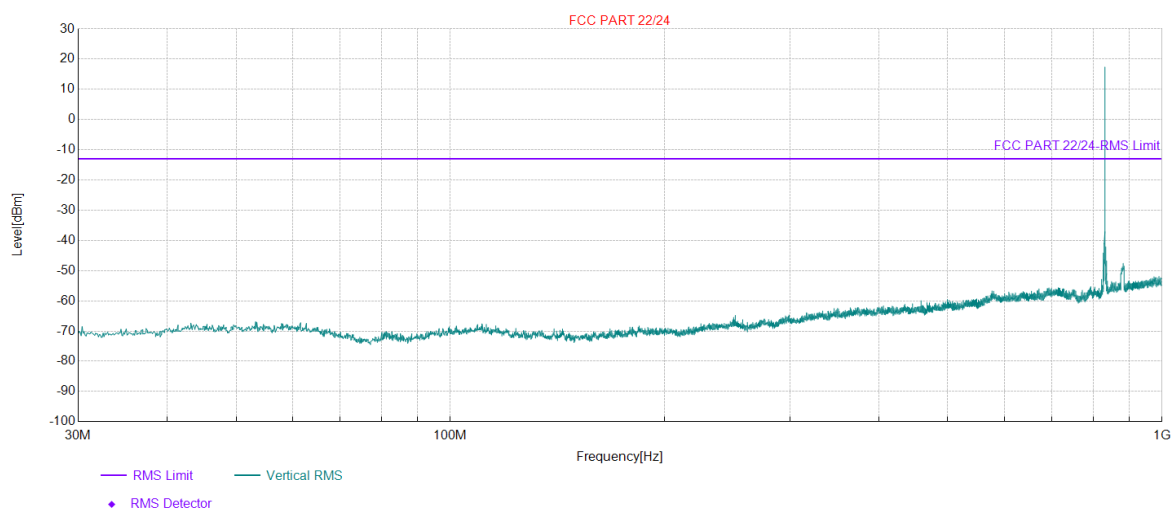
Project Information			
Mode:	LTE	Band:	Band 5
Bandwidth:	10M	Channel:	Mid
IMEI:	862513050026243	Engineer:	欧树炎
Remark:	X		
Test Standard: FCC PART 22/24			

Test Graph



Project Information			
Mode:	LTE	Band:	Band 5
Bandwidth:	10M	Channel:	Mid
IMEI:	862513050026243	Engineer:	欧树炎
Remark:	X		
Test Standard: FCC PART 22/24			

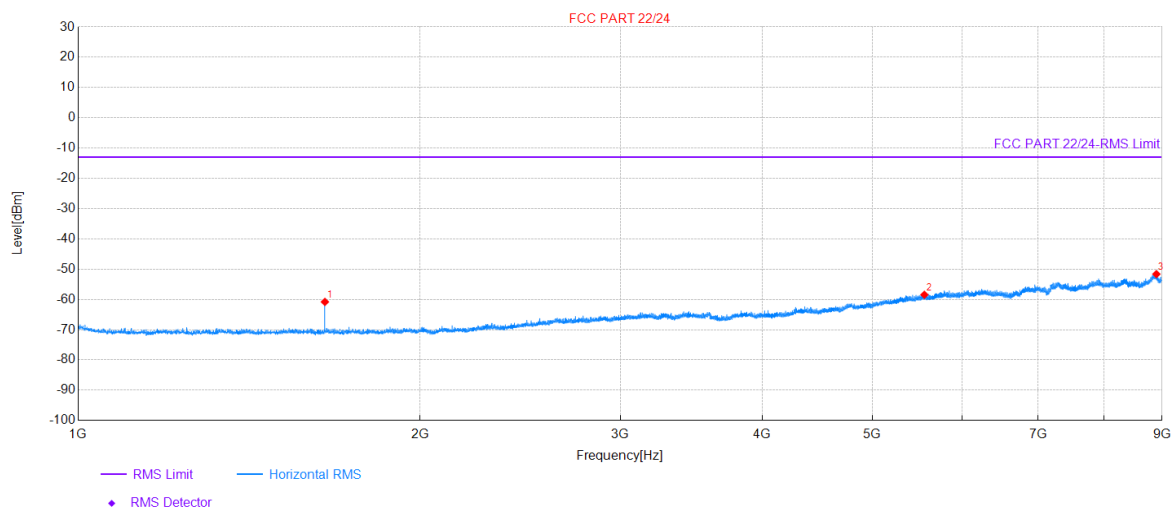
Test Graph



Above 1GHz

Project Information			
Mode:	LTE	Band:	B5
Bandwidth:	10M	Channel:	Low
IMEI:	862513050026243	Engineer:	欧树炎
Remark:	X		
Test Standard: FCC PART 22/24			

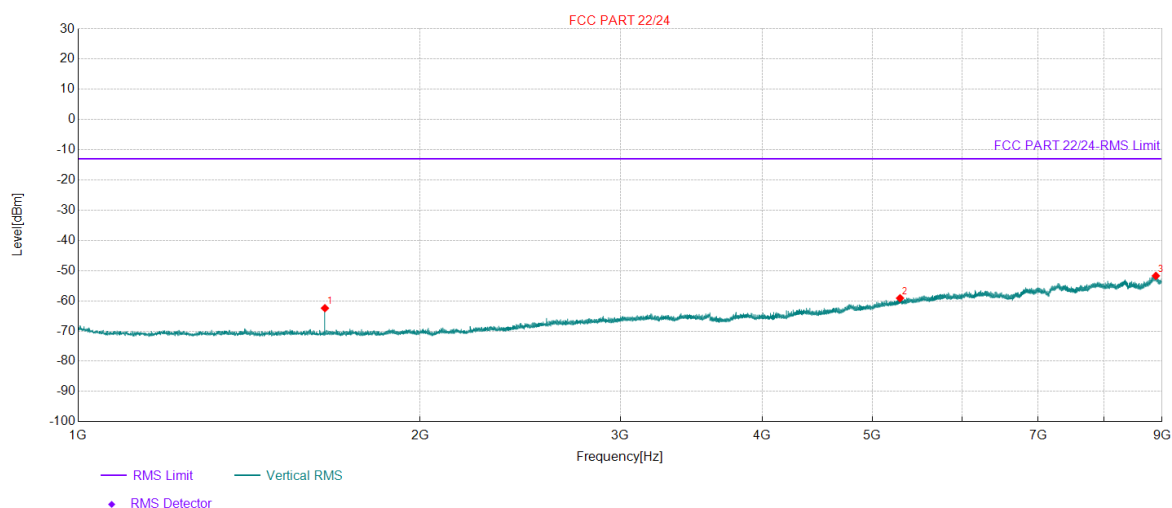
Test Graph



Data List											
NO.	Freq. [MHz]	Reading [dBuV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Trace	Polarity	Verdict
1	1649.2	53.26	-114.08	-60.82	-13.00	47.82	175	270	RMS	Horizontal	PASS
2	5559.2	41.99	-100.45	-58.46	-13.00	45.46	201	123	RMS	Horizontal	PASS
3	8897.6	41.53	-93.16	-51.63	-13.00	38.63	132	295	RMS	Horizontal	PASS

Project Information			
Mode:	LTE	Band:	B5
Bandwidth:	10M	Channel:	Low
IMEI:	862513050026243	Engineer:	欧树炎
Remark:	X		
Test Standard: FCC PART 22/24			

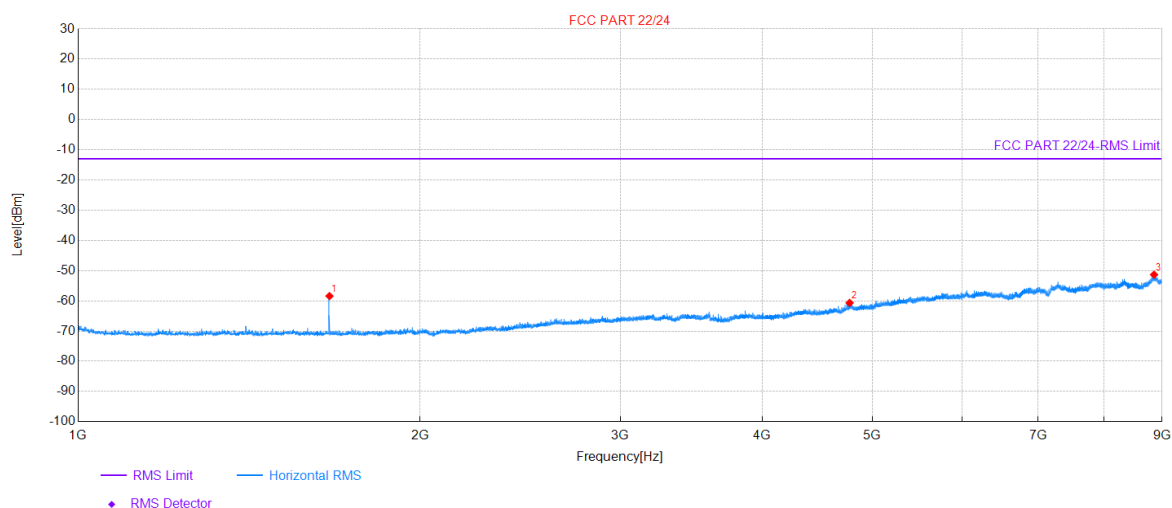
Test Graph



Data List											
NO.	Freq. [MHz]	Reading [dBuV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Trace	Polarity	Verdict
1	1649.2	51.65	-114.08	-62.43	-13.00	49.43	132	332	RMS	Vertical	PASS
2	5291.6	42.58	-101.69	-59.11	-13.00	46.11	159	233	RMS	Vertical	PASS
3	8888.4	41.39	-93.11	-51.72	-13.00	38.72	298	77	RMS	Vertical	PASS

Project Information			
Mode:	LTE	Band:	B5
Bandwidth:	10M	Channel:	Mid
IMEI:	862513050026243	Engineer:	欧树炎
Remark:	X		
Test Standard: FCC PART 22/24			

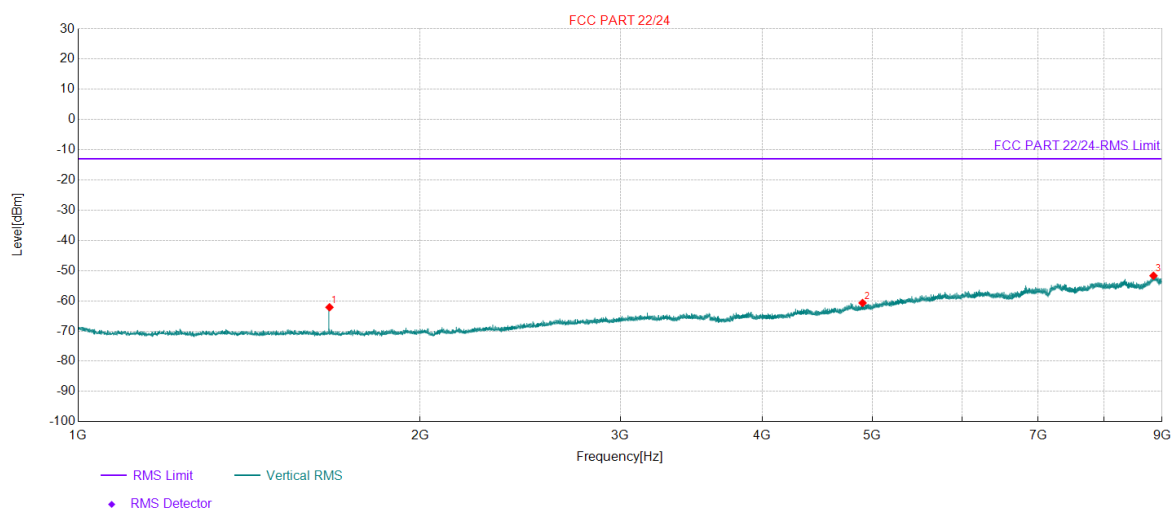
Test Graph



Data List											
NO.	Freq. [MHz]	Reading [dBuV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Trace	Polarity	Verdict
1	1664.4	55.70	-114.12	-58.42	-13.00	45.42	274	281	RMS	Horizontal	PASS
2	4777.6	42.34	-103.01	-60.67	-13.00	47.67	140	291	RMS	Horizontal	PASS
3	8855.2	41.57	-92.91	-51.34	-13.00	38.34	195	95	RMS	Horizontal	PASS

Project Information			
Mode:	LTE	Band:	B5
Bandwidth:	10M	Channel:	M1d
IMEI:	862513050026243	Engineer:	欧树炎
Remark:	X		
Test Standard: FCC PART 22/24			

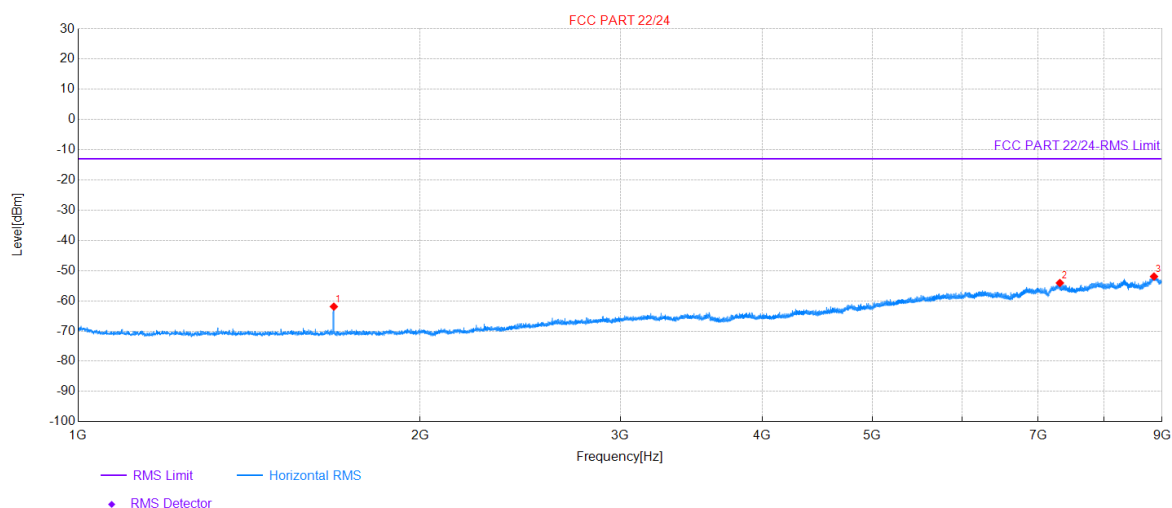
Test Graph



Data List											
NO.	Freq. [MHz]	Reading [dBuV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Trace	Polarity	Verdict
1	1664.4	51.98	-114.12	-62.14	-13.00	49.14	211	268	RMS	Vertical	PASS
2	4904.4	42.31	-103.01	-60.70	-13.00	47.70	176	83	RMS	Vertical	PASS
3	8845.2	41.28	-92.96	-51.68	-13.00	38.68	193	354	RMS	Vertical	PASS

Project Information			
Mode:	LTE	Band:	B5
Bandwidth:	10M	Channel:	High
IMEI:	862513050026243	Engineer:	欧树炎
Remark:	X		
Test Standard: FCC PART 22/24			

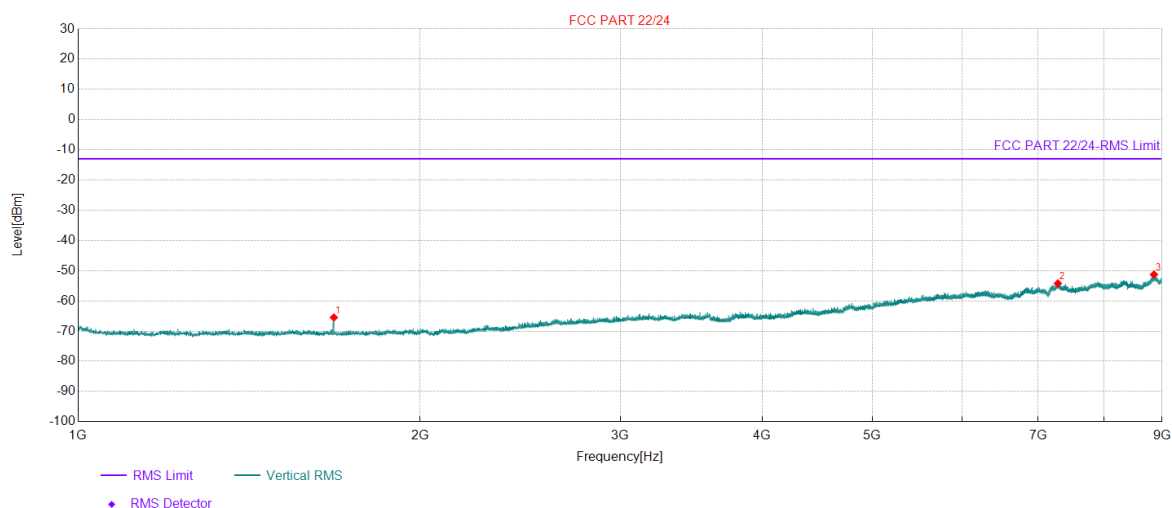
Test Graph



Data List											
NO.	Freq. [MHz]	Reading [dBuV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Trace	Polarity	Verdict
1	1679.2	52.25	-114.16	-61.91	-13.00	48.91	164	298	RMS	Horizontal	PASS
2	7316.4	42.11	-96.18	-54.07	-13.00	41.07	158	13	RMS	Horizontal	PASS
3	8854.4	40.95	-92.90	-51.95	-13.00	38.95	210	271	RMS	Horizontal	PASS

Project Information			
Mode:	LTE	Band:	B5
Bandwidth:	10M	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	1679.2	48.65	-114.16	-65.51	-13.00	52.51	163	197	RMS	Vertical	PASS
2	7286.8	41.92	-96.16	-54.24	-13.00	41.24	143	341	RMS	Vertical	PASS
3	8854	41.62	-92.90	-51.28	-13.00	38.28	273	34	RMS	Vertical	PASS