

Effective (Isotropic) Radiated Power Output Data

Test Result

N41 Class2/3				Conducted Power(dBm)			EIRP(dBm)			Limit	Verdict
SCS 30kHz											
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel		
				509202	518598	528000	509202	518598	528000		
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	14.20	14.08	14.16	16.61	16.49	16.57	33.00	PASS
		1	137	14.20	14.25	14.15	16.61	16.66	16.56	33.00	PASS
		1	271	14.22	14.22	14.24	16.63	16.63	16.65	33.00	PASS
		135	0	14.21	14.15	14.19	16.62	16.56	16.60	33.00	PASS
		135	69	14.17	14.18	14.22	16.58	16.59	16.63	33.00	PASS
		135	138	14.18	14.17	14.15	16.59	16.58	16.56	33.00	PASS
		270	0	14.10	14.12	14.23	16.51	16.53	16.64	33.00	PASS
	DFT-s-OFDM QPSK	1	1	14.20	14.24	14.18	16.61	16.65	16.59	33.00	PASS
		1	137	14.14	14.20	14.17	16.55	16.61	16.58	33.00	PASS
		1	271	14.18	14.17	14.01	16.59	16.58	16.42	33.00	PASS
		135	0	14.15	14.16	14.16	16.56	16.57	16.57	33.00	PASS
		135	69	14.25	14.28	14.18	16.66	16.69	16.59	33.00	PASS
		135	138	14.20	14.17	13.71	16.61	16.58	16.12	33.00	PASS
		270	0	14.17	14.13	13.96	16.58	16.54	16.37	33.00	PASS
	DFT-s-OFDM 16QAM	1	1	14.13	14.02	14.00	16.54	16.43	16.41	33.00	PASS
	DFT-s-OFDM 64QAM	1	1	14.27	14.25	14.15	16.68	16.66	16.56	33.00	PASS
	DFT-s-OFDM 256QAM	1	1	14.21	14.11	14.16	16.62	16.52	16.57	33.00	PASS
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Limit	Verdict
				509202	518598	528000	509202	518598	528000		
100MHz	CP-OFDM QPSK	1	1	13.96	14.02	13.98	16.37	16.43	16.39	33.00	PASS
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Limit	Verdict
				508200	518598	528996	508200	518598	528996		
90MHz	DFT-s-OFDM QPSK	1	1	14.25	14.19	14.13	16.66	16.60	16.54	33.00	PASS
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Limit	Verdict
				507204	518598	529998	507204	518598	529998		
80MHz	DFT-s-OFDM QPSK	1	1	14.16	14.17	14.19	16.57	16.58	16.60	33.00	PASS
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Limit	Verdict
				505200	518598	531996	505200	518598	531996		
60MHz	DFT-s-OFDM QPSK	1	1	14.28	14.17	14.20	16.69	16.58	16.61	33.00	PASS

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Limit	Verdict
				504204	518598	532998	504204	518598	532998		
50MHz	DFT-s-OFDM QPSK	1	1	14.32	14.23	14.11	16.73	16.64	16.52	33.00	PASS
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Limit	Verdict
				503202	518598	534000	503202	518598	534000		
40MHz	DFT-s-OFDM QPSK	1	1	14.19	14.26	14.23	16.60	16.67	16.64	33.00	PASS
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Limit	Verdict
				502200	518598	534996	502200	518598	534996		
30MHz	DFT-s-OFDM QPSK	1	1	14.13	14.27	14.16	16.54	16.68	16.57	33.00	PASS
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Limit	Verdict
				501204	518598	535998	501204	518598	535998		
20MHz	DFT-s-OFDM QPSK	1	1	14.22	14.23	14.24	16.63	16.64	16.65	33.00	PASS

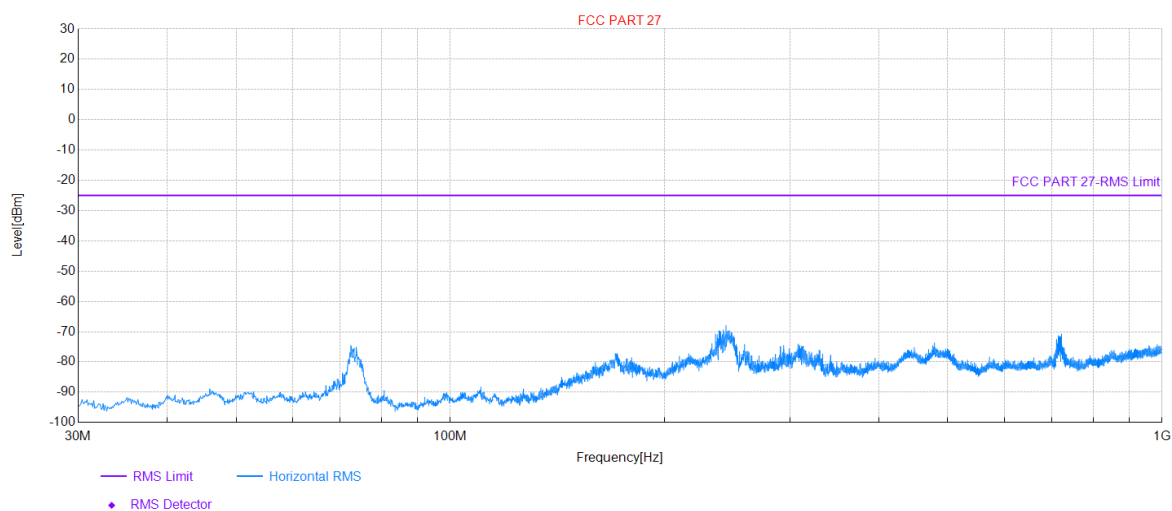
Reference module report (FCC ID: ZMOFM160NA), only spot check testing is conducted here.

Field Strength of Spurious Radiation

Below 1GHz

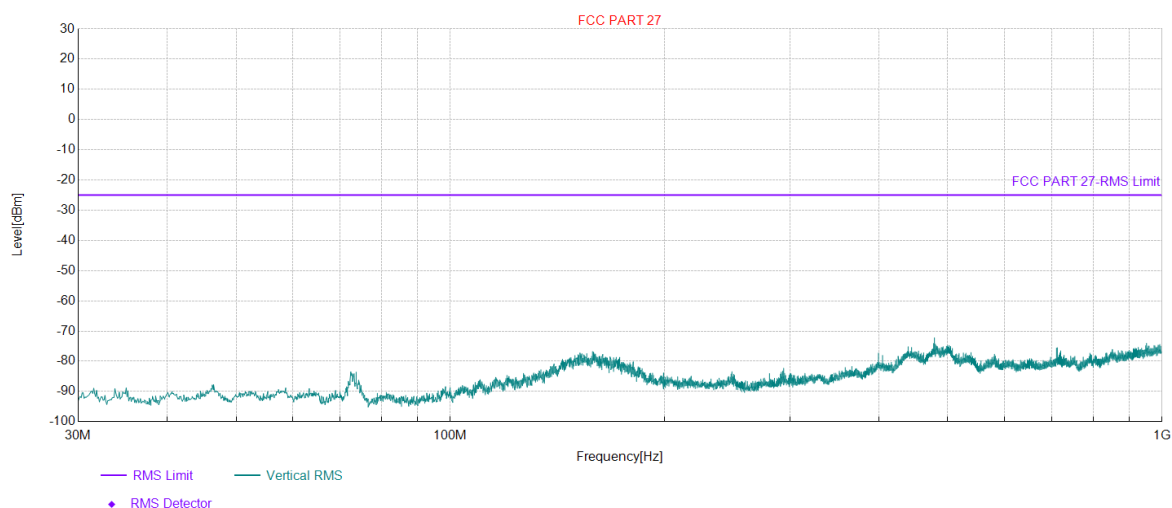
Project Information			
Mode:	NR	Band:	n41
Bandwidth:	100MHZ	Channel:	Mid
IMEI:	862513050026243	Engineer:	欧树炎
Remark:	Z		
Test Standard: FCC PART 27			

Test Graph



Project Information			
Mode:	NR	Band:	n41
Bandwidth:	100MHZ	Channel:	Mid
IMEI:	862513050026243	Engineer:	欧树炎
Remark:	Z		
Test Standard: FCC PART 27			

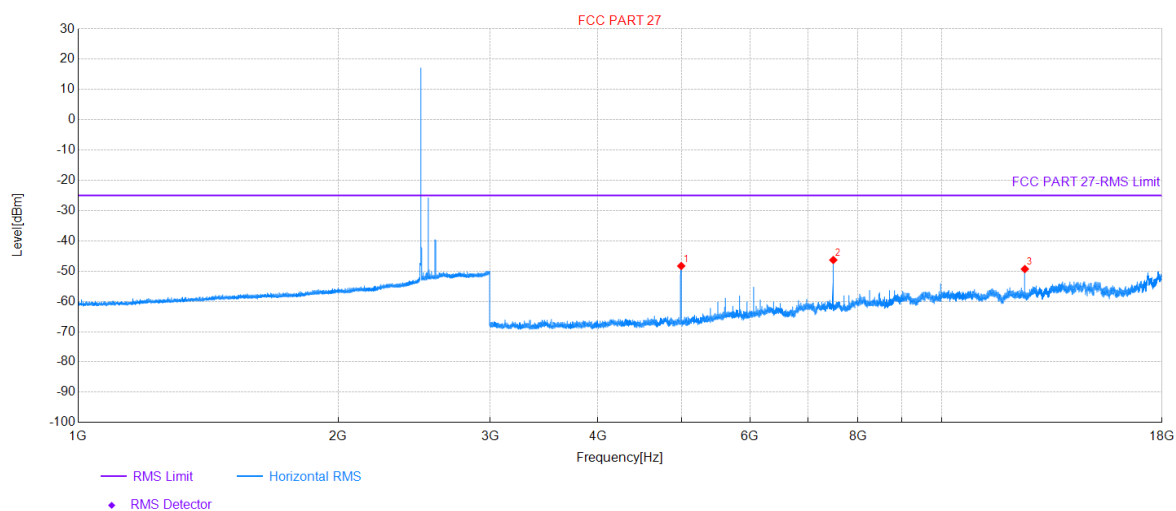
Test Graph



Above 1GHz

Project Information			
Mode:	NR	Band:	n41
Bandwidth:	100M	Channel:	Low
IMEI:	862513050026243	Engineer:	欧树炎
Remark:	X		
Test Standard: FCC PART 27			

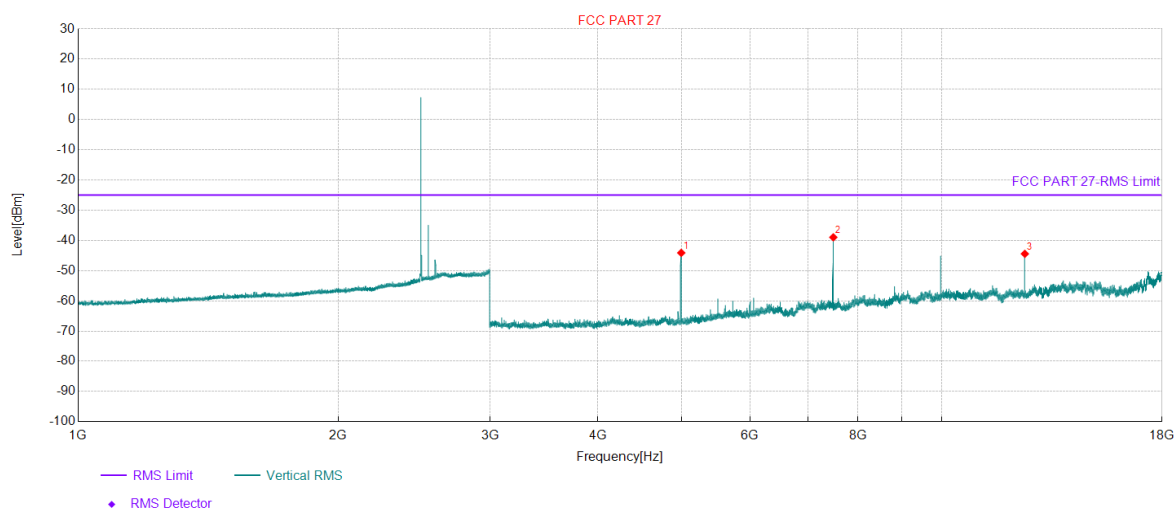
Test Graph



Data List											
NO.	Freq. [MHz]	Reading [dBuV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Trace	Polarity	Verdict
1	4994	54.56	-102.85	-48.29	-25.00	23.29	147	244	RMS	Horizontal	PASS
2	7491	50.47	-96.79	-46.32	-25.00	21.32	236	345	RMS	Horizontal	PASS
3	12485.5	40.55	-89.85	-49.30	-25.00	24.30	185	330	RMS	Horizontal	PASS

Project Information			
Mode:	NR	Band:	n41
Bandwidth:	100M	Channel:	Low
IMEI:	862513050026243	Engineer:	欧树炎
Remark:	X		
Test Standard: FCC PART 27			

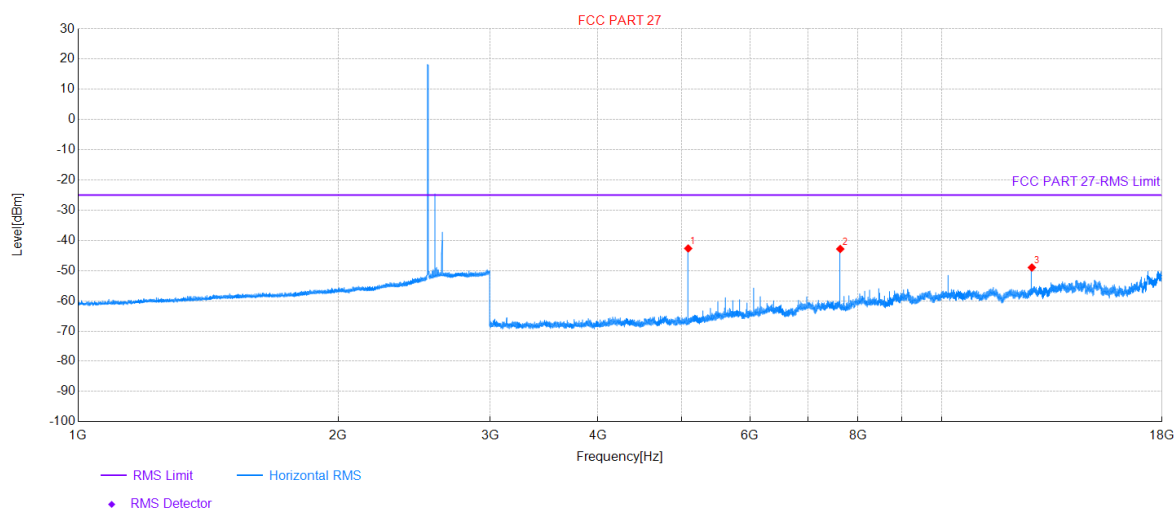
Test Graph



Data List											
NO.	Freq. [MHz]	Reading [dBuV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Trace	Polarity	Verdict
1	4994	58.74	-102.85	-44.11	-25.00	19.11	235	184	RMS	Vertical	PASS
2	7491	57.82	-96.79	-38.97	-25.00	13.97	179	352	RMS	Vertical	PASS
3	12485	45.42	-89.86	-44.44	-25.00	19.44	190	352	RMS	Vertical	PASS

Project Information			
Mode:	NR	Band:	n41
Bandwidth:	100M	Channel:	Mid
IMEI:	862513050026243	Engineer:	欧树炎
Remark:	X		
Test Standard: FCC PART 27			

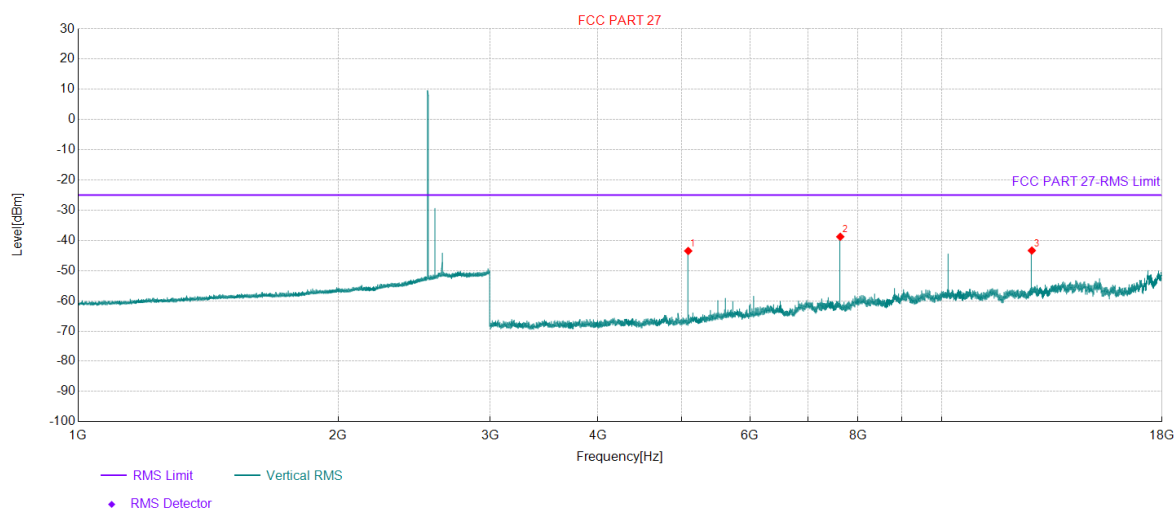
Test Graph



Data List											
NO.	Freq. [MHz]	Reading [dBuV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Trace	Polarity	Verdict
1	5088	60.10	-102.76	-42.66	-25.00	17.66	139	250	RMS	Horizontal	PASS
2	7632	53.47	-96.30	-42.83	-25.00	17.83	276	250	RMS	Horizontal	PASS
3	12720	40.74	-89.70	-48.96	-25.00	23.96	192	228	RMS	Horizontal	PASS

Project Information			
Mode:	NR	Band:	n41
Bandwidth:	100M	Channel:	Mid
IMEI:	862513050026243	Engineer:	欧树炎
Remark:	X		
Test Standard: FCC PART 27			

Test Graph

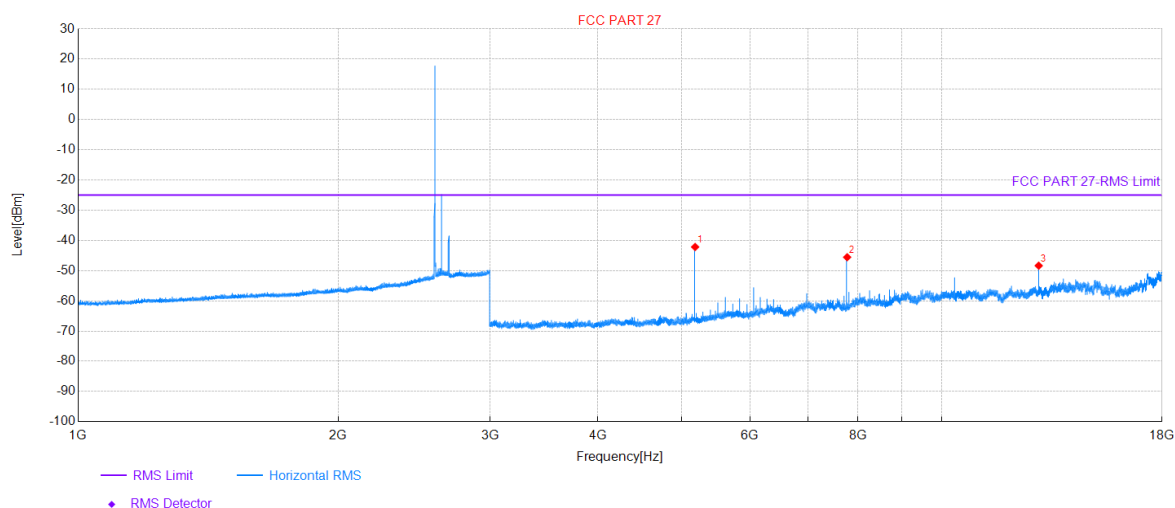


Data List

NO.	Freq. [MHz]	Reading [dBuV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Trace	Polarity	Verdict
1	5088	59.28	-102.76	-43.48	-25.00	18.48	147	185	RMS	Vertical	PASS
2	7632	57.52	-96.30	-38.78	-25.00	13.78	189	162	RMS	Vertical	PASS
3	12719.5	46.36	-89.71	-43.35	-25.00	18.35	207	220	RMS	Vertical	PASS

Project Information			
Mode:	NR	Band:	n41
Bandwidth:	100M	Channel:	High
IMEI:	862513050026243	Engineer:	欧树炎
Remark:	X		
Test Standard: FCC PART 27			

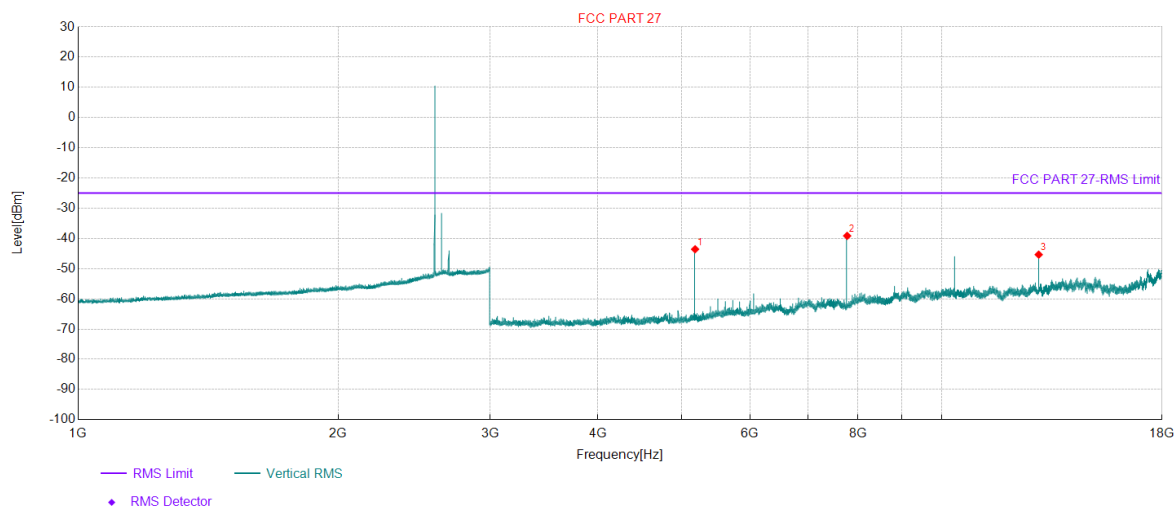
Test Graph



Data List											
NO.	Freq. [MHz]	Reading [dBuV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Trace	Polarity	Verdict
1	5182	59.94	-102.11	-42.17	-25.00	17.17	149	250	RMS	Horizontal	PASS
2	7773	50.74	-96.30	-45.56	-25.00	20.56	178	185	RMS	Horizontal	PASS
3	12955	41.78	-90.14	-48.36	-25.00	23.36	213	345	RMS	Horizontal	PASS

Project Information			
Mode:	NR	Band:	n41
Bandwidth:	100M	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	5182	58.53	-102.11	-43.58	-25.00	18.58	162	181	RMS	Vertical	PASS
2	7773	57.16	-96.30	-39.14	-25.00	14.14	147	181	RMS	Vertical	PASS
3	12955	44.78	-90.14	-45.36	-25.00	20.36	234	189	RMS	Vertical	PASS