



FCC PART 15B TEST REPORT

No. I22Z60958-EMC01

for

TCL Communication Ltd.

GSM/UMTS/LTE Mobile phone

Model name: 6002J

FCC ID: 2ACCJH145

with

Hardware Version: 05

Software Version: MW5F

Issued Date: 2022-05-20

Note:

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The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the U.S. Government.

Test Laboratory:

CTTL-Telecommunication Technology Labs, CAICT

No. 52, Huayuan North Road, Haidian District, Beijing, P. R. China 100191.

Tel:+86(0)10-62304633-2512, Fax:+86(0)10-62304633-2504

Email: ctl_terminals@caict.ac.cn, website: www.caict.ac.cn



REPORT HISTORY

Report Number	Revision	Description	Issue Date
I22Z60958-EMC01	Rev.0	1 st edition	2022-05-20

Note: the latest revision of the test report supersedes all previous version.



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1. Test Laboratory

1.1. Testing Location

CTTL (huayuan North Road)

Address: No. 52, Huayuan North Road, Haidian District, Beijing,
P. R. China 100191

1.2. Testing Environment

Normal Temperature: 15-35° C

Relative Humidity: 20-75%

1.3. Project data

Testing Start Date: 2022-05-16

Testing End Date: 2022-05-19

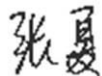
1.4. Signature



Wang Xue
(Prepared this test report)



Zhang Ying
(Reviewed this test report)



Zhang Xia
(Approved this test report)



2. Client Information

2.1. Applicant Information

Company Name: TCL Communication Ltd.
Address: 5/F, Building 22E, 22 Science Park East Avenue, Hong Kong Science Park, Shatin, NT, Hong Kong
Contact Person Peter yang
Contact Email peter.yang@tcl.com
Telephone: 0086-755-36645759
Fax: 0086-755-36612000-81722

2.2. Manufacturer Information

Company Name: TCL Communication Ltd.
Address: 5/F, Building 22E, 22 Science Park East Avenue, Hong Kong Science Park, Shatin, NT, Hong Kong
Contact Person Peter yang
Contact Email peter.yang@tcl.com
Telephone: 0086-755-36645759
Fax: 0086-755-36612000-81722

3. Equipment Under Test (EUT) and Ancillary Equipment (AE)

3.1. About EUT

Description	GSM/UMTS/LTE Mobile phone
Model Name	6002J
FCC ID:	2ACCJH145

Note: Components list, please refer to documents of the manufacturer; it is also included in the original test record of CTTL, Telecommunication Technology Labs, CAICT.

3.2. Internal Identification of EUT used during the test

EUT ID*	SN or IMEI	HW Version	SW Version
EUT1	356343450000090/ 356343450000108	05	MW5F

*EUT ID: is used to identify the test sample in the lab internally.

3.3. Internal Identification of AE used during the test

AE ID*	Description	SN	Remarks
AE1	Battery1	/	/
AE2	Battery2	/	/
AE3	Charger1	/	/
AE4	Charger2	/	/
AE5	Charger3	/	/
AE6	Charger4	/	/
AE7	Data Cable	/	/
AE8	Data Cable	/	/
AE9	Headset1	/	/
AE10	Headset2	/	/
AE11	Headset3	/	/

AE1

Model	TLp048A7(CAC4850002C7)
Manufacturer	VEKEN
Capacity	5000mAh
Nominal Voltage	

AE2

Model	TLp048A1(CAC4850000C1)
Manufacturer	BYD
Capacity	5000mAh
Nominal Voltage	

AE3

Model	CBA0059AGTC1
Manufacturer	BYD
Length of cable	/

AE4

Model	CBA0059AGAC5
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Manufacturer	PUAN
Length of cable	/
AE5	
Model	CBA0059AGAC7
Manufacturer	Chenyang
Length of cable	/
AE6	
Model	CBA0059AGTC5
Manufacturer	PUAN
Length of cable	/
AE7	
Model	CDA0000123C8
Manufacturer	PUAN
Length of cable	/
AE8	
Model	CDA0000123C1
Manufacturer	JUWEI
Length of cable	/
AE9	
Model	CCB0046A15C1(WH15)
Manufacturer	JUWEI
Length of cable	/
AE10	
Model	CCB0049A12C1(WH15+)
Manufacturer	JUWEI
Length of cable	/
AE11	
Model	CCB0076A10C1(WH35)
Manufacturer	JUWEI
Length of cable	/

*AE ID: is used to identify the test sample in the lab internally.

3.4. EUT set-ups

EUT set-up No.	Combination of EUT and AE	Remarks
Set.1	EUT1/2+ AE1/2 + AE3+ AE7/8	Charger1+REAR Camera+ GSM 850 idle
Set.2	EUT1/2+ AE1/2 + AE4+ AE7/8	Charger2+MP4+WCDMA 850 idle
Set.3	EUT1/2+ AE1/2 + AE5+ AE7/8	Charger3+ Front Camera + LTE Band 5 idle
Set.4	EUT1/2+ AE1/2 + AE9+ AE7/8	USB+Headset1+FM
Set.5	EUT1/2+ AE1/2 + AE10+ AE7/8	USB+Headset2+FM
Set.6	EUT1/2+ AE1/2 + AE11+ AE7/8	USB+Headset3+FM

The device supports GSM/GPRS/EGPRS 850/900/1800/1900, UMTS FDD Band 1/2/4/5/8; LTE FDD Band 2/3/4/5/7/8/12/13/17/26/28/66. It has WLAN (802.11b/g/n, 802.11n supports



20MHz and 40MHz bandwidth), Bluetooth (EDR, BLE) and GNSS (GPS&GLONASS&BDS& GALILEO) functions.

The device contains receivers which tune and operate between 30MHz-960MHz in the following bands: GSM850, WCDMA850, LTE Band 5, LTE Band 12, LTE Band 13, LTE Band 17 , LTE Band 26 and LTE Band 28. All licensed band receivers that tune in the range of 30MHz-960MHz are investigated. Only the worst-case emissions are reported.

Note: I22Z60958 is a variant model based on I21Z62014 for conformance test. According to the declaration of changes, the following test items and test modes were performed:

Test Item	Mode or Feature	EUT Set-up
Radiated Continuous Emission	Charging/USB	Set.1/Set.2/Set.3/ Set.4/Set.5/Set.6

Only the worst-case emissions are reported.

4. Reference Documents

4.1. Reference Documents for testing

The following documents listed in this section are referred for testing.

Reference	Title	Version
FCC Part 15, Subpart B	Radio frequency devices - Unintentional Radiators	2019
ANSI C63.4	American National Standard for Methods of Measurement of Radio- Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the Range of 9 kHz to 40 GHz	2014

Note: The test methods have no deviation with standards.

5. LABORATORY ENVIRONMENT

Semi-anechoic chamber SAC-1 (10 meters×6.7meters×6.1meters) did not exceed following limits along the EMC testing:

Temperature	Min. = 15 °C, Max. = 35 °C
Relative humidity	Min. = 15 %, Max. = 75 %
Shielding effectiveness	0.014MHz-1MHz, >60dB; 1MHz - 1000MHz, >90dB.
Electrical insulation	> 2 MΩ
Ground system resistance	< 4Ω
Normalised site attenuation (NSA)	< ±4 dB, 3m distance
Site voltage standing-wave ratio (S_{VSWR})	Between 0 and 6 dB, from 1GHz to 6GHz
Uniformity of field strength	Between 0 and 6 dB, from 80 to 6000 MHz

Shielded room did not exceed following limits along the EMC testing:

Temperature	Min. = 15 °C, Max. = 35 °C
Relative humidity	Min. = 20 %, Max. = 75 %
Shielding effectiveness	0.014MHz-1MHz, >60dB; 1MHz—1000MHz, >90dB.
Electrical insulation	> 2 MΩ
Ground system resistance	< 4Ω

6. SUMMARY OF TEST RESULTS

Abbreviations used in this clause:		
Verdict Column	P	Pass
	NA	Not applicable
	F	Fail

Items	Test Name	Clause in FCC rules	Section in this report	Verdict	Test Location
1	Radiated Emission	15.109(a)	B.1	P	CTTL(huayuan North Road)

7. Test Equipments Utilized

NO.	Description	TYPE	SERIES NUMBER	MANUFACTURE	CAL DUE DATE	CALIBRATION INTERVAL
1	Test Receiver	ESW44	103023	R&S	2022-06-28	1 year
2	Universal Radio Communication Tester	CMW500	116588	R&S	2022-12-20	1 year
3	EMI Antenna	VULB 9163	9163-302	Schwarzbeck	2022-12-28	1 year
4	EMI Antenna	3115	00167250	ETS-Lindgren	2022-07-01	1 year
5	Signal Generator	SMBV100A	260613	R&S	2023-01-09	1 Year

ANNEX A: MEASUREMENT RESULTS

A.1 Radiated Emission

Reference

FCC: CFR Part 15.109(a).

A.1.1 Method of measurement

The field strength of radiated emissions from the unintentional radiator (USB mode of MS and charging mode of MS) at distances of 3 meters is tested. Tested in accordance with the procedures of ANSI C63.4 – 2014, section 8.3.

The EUT was placed on a non-conductive table. The measurement antenna was placed at a distance of 3/10 meters from the EUT. During the tests, the antenna height and the EUT azimuth were varied in order to identify the maximum level of emissions from the EUT. This maximization process was repeated with the EUT positioned in each of its three orthogonal orientations.

A.1.2 EUT Operating Mode

The MS is operating in the USB mode and charging mode. During the test MS is connected to a PC via a USB cable in the case of USB mode and is connected to a charger in the case of charging mode.

The EUT was tested while operating in licensed band Rx mode. All licensed band receivers that tune in the range of 30MHz-960MHz, as listed in section 3.4, are investigated. Only the worst case emissions are reported.

All equipment is placed on the test table top and arranged in a typical configuration in accordance with ANSI C63.4-2014 and manipulated to obtain worst case emissions.

The model of the PC is M4000E-17, and the serial number of the PC is M706GWXD. The software is used to let the PC keep on copying data to MS, reading and erasing the data after copy action was finished.

Note: I/O information: Printer – USB, Mouse – PS/2, Keyboard – USB.

A.1.3 Measurement Limit

Frequency range (MHz)	Field strength limit ($\mu\text{V}/\text{m}$)		
	Quasi-peak	Average	Peak
30-88	100		
88-216	150		
216-960	200		
960-1000	500		
>1000		500	5000

Note: the above limit is for 3 meters test distance. 10 meters' limit is got by converting.

A.1.4 Test Condition

Frequency range (MHz)	RBW/VBW	Sweep Time (s)	Detector
30-1000	120kHz (IF Bandwidth)	5	Peak/Quasi-peak
Above 1000	1MHz/3MHz	15	Peak, Average

A.1.5 Measurement Results

A "reference path loss" is established and the A_{Rpl} is the attenuation of "reference path loss". It includes the antenna factor of receive antenna and the path loss.

The measurement results are obtained as described below:

$$\text{Result} = P_{\text{Mea}} + A_{Rpl} = P_{\text{Mea}} + G_A + G_{PL}$$

Where

G_A : Antenna factor of receive antenna

G_{PL} : Path Loss

P_{Mea} : Measurement result on receiver.

Measurement uncertainty (worst case): $U = 5.54 \text{ dB}$, $k=2$.

Measurement results for Set.1:

Charing Mode/Average detector

Frequency (MHz)	Measurement Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
17797.020	40.70	-29.89	45.95	24.63	54.00	13.30	V
17931.660	40.60	-29.40	46.66	23.34	54.00	13.40	V
17953.080	40.50	-28.94	46.66	22.78	54.00	13.50	V
17804.500	40.50	-29.63	45.95	24.18	54.00	13.50	V
17813.680	40.40	-29.63	45.95	24.08	54.00	13.60	H
17933.020	40.40	-29.40	46.66	23.14	54.00	13.60	V

Charging Mode/Peak detector

Frequency (MHz)	Measurement Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
17884.740	53.40	-29.53	45.95	36.98	74.00	20.60	V
17715.760	52.20	-29.73	45.25	36.69	74.00	21.80	V
17689.240	52.20	-29.98	45.25	36.93	74.00	21.80	V
17934.720	52.10	-29.40	46.66	34.84	74.00	21.90	V
17777.980	51.90	-29.63	45.95	35.57	74.00	22.10	H
17942.540	51.90	-28.94	46.66	34.18	74.00	22.10	V

Measurement results for Set.2:
Charing Mode/Average detector

Frequency (MHz)	Measurement Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
17819.460	40.50	-29.63	45.95	24.18	54.00	13.50	H
17376.440	40.40	-29.97	43.36	27.01	54.00	13.60	H
17248.940	40.30	-30.02	43.36	26.96	54.00	13.70	H
17776.960	40.30	-29.63	45.95	23.97	54.00	13.70	H
17788.180	40.30	-29.89	45.95	24.23	54.00	13.70	H
17367.600	40.20	-29.97	43.36	26.81	54.00	13.80	H

Charging Mode/Peak detector

Frequency (MHz)	Measurement Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
17904.800	52.30	-29.33	45.95	35.67	74.00	21.70	H
17805.860	52.00	-29.63	45.95	35.68	74.00	22.00	H
17355.020	51.90	-29.97	43.36	38.51	74.00	22.10	H
17909.220	51.80	-29.33	45.95	35.17	74.00	22.20	V
17747.720	51.80	-29.61	45.95	35.46	74.00	22.20	H
17789.540	51.80	-29.89	45.95	35.73	74.00	22.20	H

Measurement results for Set.3:
Charging Mode/Average detector

Frequency (MHz)	Measurement Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
17946.620	40.80	-28.94	46.66	23.08	54.00	13.20	H
17937.440	40.60	-29.40	46.66	23.34	54.00	13.40	V
17255.740	40.60	-30.02	43.36	27.26	54.00	13.40	V
17953.420	40.50	-28.94	46.66	22.78	54.00	13.50	V
17850.740	40.50	-29.34	45.95	23.88	54.00	13.50	V
17776.280	40.40	-29.63	45.95	24.07	54.00	13.60	V

Charging Mode/Peak detector

Frequency (MHz)	Measurement Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
17890.180	52.00	-29.53	45.95	35.58	74.00	22.00	V
17692.300	52.00	-29.98	45.25	36.73	74.00	22.00	V
17789.540	52.00	-29.89	45.95	35.93	74.00	22.00	V
17586.560	51.60	-29.70	45.25	36.05	74.00	22.40	H
17927.920	51.50	-29.40	46.66	34.24	74.00	22.50	V
17277.500	51.50	-29.75	43.36	37.89	74.00	22.50	H

Measurement results for Set.4:
USB Mode/Average detector

Frequency (MHz)	Measurement Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
17358.760	40.60	-29.97	43.36	27.21	54.00	13.40	H
17371.000	40.60	-29.97	43.36	27.21	54.00	13.40	V
17800.760	40.50	-29.63	45.95	24.18	54.00	13.50	H
17822.860	40.50	-29.68	45.95	24.22	54.00	13.50	H
17723.920	40.50	-29.67	45.25	24.92	54.00	13.50	V
17722.220	40.40	-29.67	45.25	24.82	54.00	13.60	V

USB Mode/Peak detector

Frequency (MHz)	Measurement Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
17943.900	52.70	-28.94	46.66	34.98	74.00	21.30	H
17654.900	52.40	-29.60	45.25	36.75	74.00	21.60	H
17905.480	52.10	-29.33	45.95	35.47	74.00	21.90	H
17866.720	52.00	-29.39	45.95	35.44	74.00	22.00	V
17832.380	51.90	-29.68	45.95	35.62	74.00	22.10	H
17954.440	51.90	-28.94	46.66	34.18	74.00	22.10	V

Measurement results for Set.5:
USB Mode/Average detector

Frequency (MHz)	Measurement Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
17692.300	40.80	-29.98	45.25	25.53	54.00	13.20	V
17822.520	40.80	-29.68	45.95	24.52	54.00	13.20	V
17253.700	40.70	-30.02	43.36	27.36	54.00	13.30	V
17366.240	40.60	-29.97	43.36	27.21	54.00	13.40	H
17155.100	40.50	-29.88	42.36	28.01	54.00	13.50	V
17964.640	40.50	-29.06	46.66	22.90	54.00	13.50	H

USB Mode/Peak detector

Frequency (MHz)	Measurement Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
17755.200	52.70	-29.61	45.95	36.36	74.00	21.30	H
17975.180	52.20	-29.06	46.66	34.60	74.00	21.80	H
17941.180	52.10	-28.94	46.66	34.38	74.00	21.90	V
17885.420	51.90	-29.53	45.95	35.48	74.00	22.10	V
17986.740	51.80	-29.06	46.66	34.20	74.00	22.20	H
17243.160	51.80	-30.02	43.36	38.46	74.00	22.20	V

Measurement results for Set.6:
USB Mode/Average detector

Frequency (MHz)	Measurement Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
17346.860	40.70	-29.97	43.36	27.31	54.00	13.30	H
17782.400	40.60	-29.89	45.95	24.53	54.00	13.40	H
17909.900	40.60	-29.33	45.95	23.97	54.00	13.40	V
17939.140	40.50	-29.40	46.66	23.24	54.00	13.50	V
17705.900	40.50	-29.73	45.25	24.99	54.00	13.50	H
17780.360	40.50	-29.89	45.95	24.43	54.00	13.50	V

USB Mode/Peak detector

Frequency (MHz)	Measurement Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
17966.000	52.60	-29.06	46.66	35.00	74.00	21.40	V
17622.260	52.40	-29.40	45.25	36.55	74.00	21.60	H
17776.280	52.20	-29.63	45.95	35.87	74.00	21.80	V
17800.080	52.10	-29.63	45.95	35.78	74.00	21.90	H
17733.780	51.90	-29.67	45.25	36.32	74.00	22.10	V
17935.400	51.90	-29.40	46.66	34.64	74.00	22.10	V

Measurement results for Set.1:

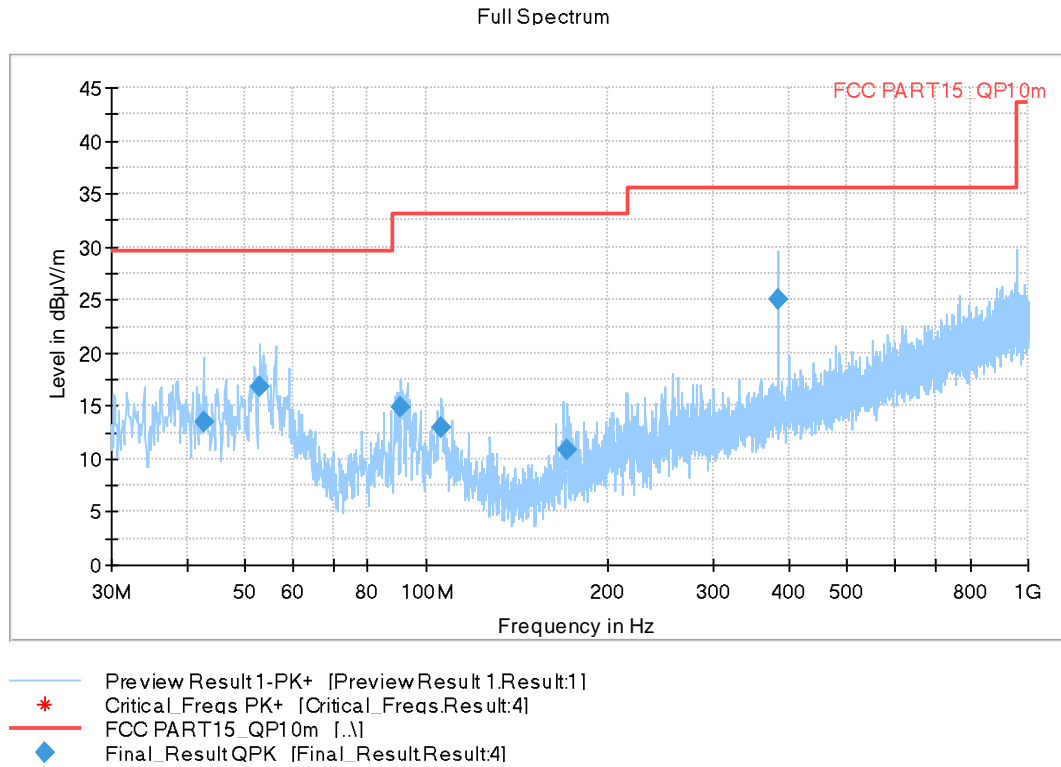
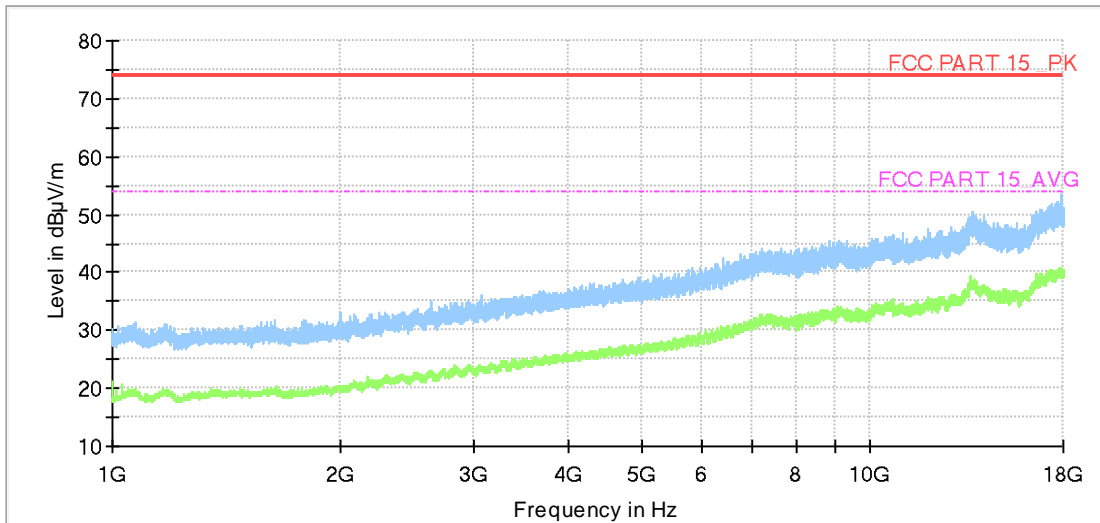


Fig A.1 Radiated Emission from 30MHz to 1GHz

Final Result 1

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
42.610000	13.41	29.54	16.13	2000.0	120.000	125.0	V	225.0
52.892000	16.82	29.54	12.72	2000.0	120.000	125.0	V	213.0
90.625000	14.87	33.06	18.19	2000.0	120.000	286.0	V	315.0
106.145000	12.97	33.06	20.09	2000.0	120.000	125.0	V	274.0
171.135000	10.84	33.06	22.22	2000.0	120.000	109.0	V	187.0
383.953000	25.06	35.56	10.50	2000.0	120.000	275.0	H	227.0

Full Spectrum

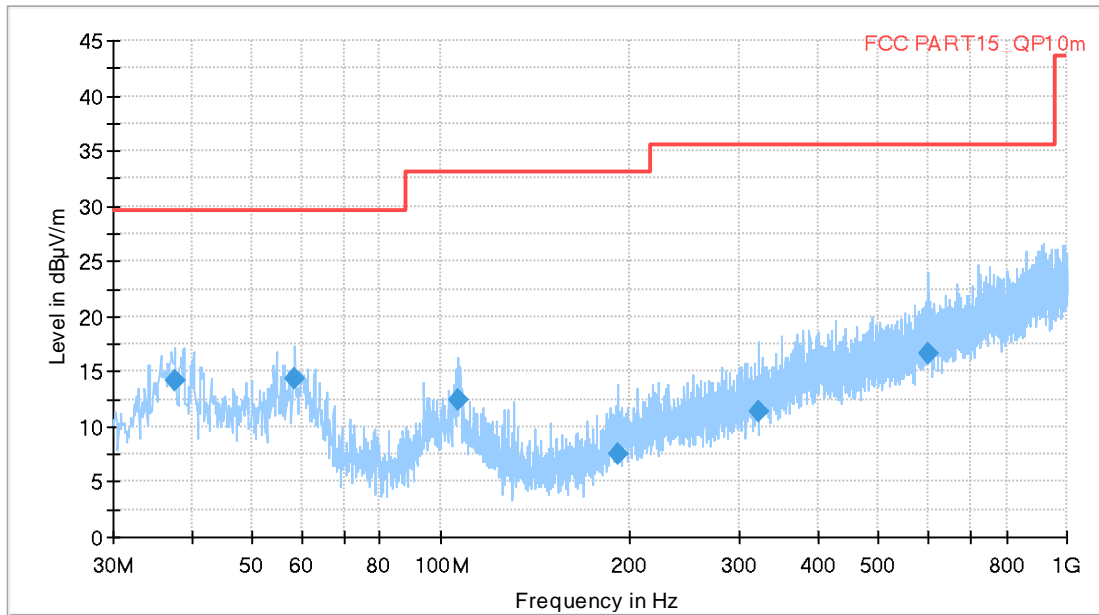


- Preview Result 2-AVG [Preview Result 2.Result 2]
- Preview Result 1-PK+ [Preview Result 1.Result 1]
- * Critical Freqs AVG [Critical Freqs.Result 5]
- * Critical Freqs PK+ [Critical Freqs.Result 4]
- FCC PART 15_PK [..]
- - - - - FCC PART 15_AVG [..]
- ◆ Final_Result PK+ [Final_Result.Result 4]
- ◆ Final_Result AVG [Final_Result.Result 5]

Fig A.2 Radiated Emission from 1GHz to 18GHz

Measurement results for Set.2:

Full Spectrum



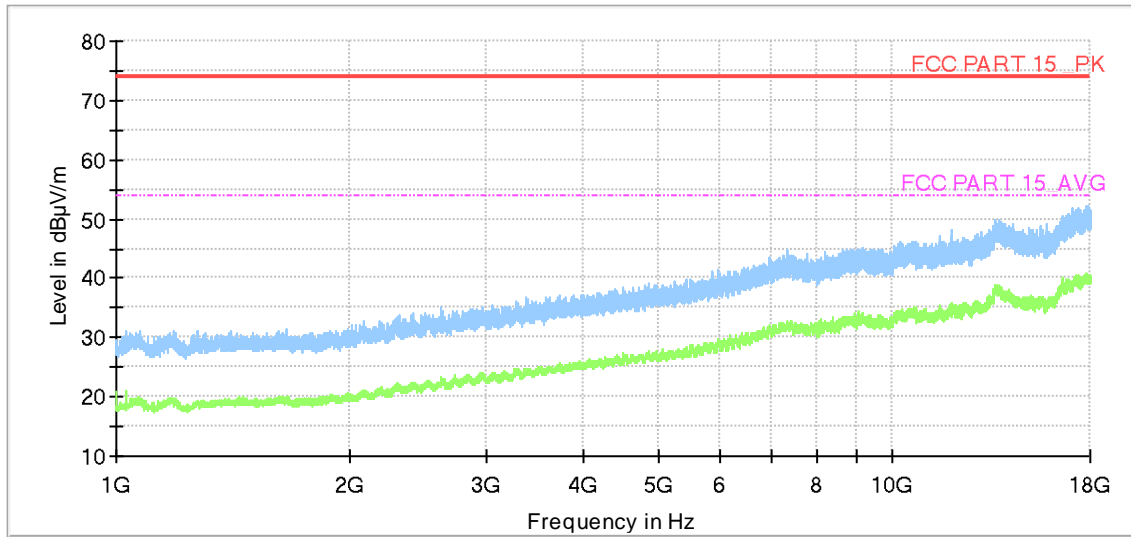
- Preview Result 1-PK+ [PreviewResult 1.Result:1]
- * Critical_Freqs PK+ [Critical_Freqs.Result:4]
- FCC PART15_QP10m [..]
- ◆ Final_ResultQPK [Final_Result.Result:4]

Fig A.3 Radiated Emission from 30MHz to 1GHz

Final Result 1

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
37.663000	14.26	29.54	15.28	2000.0	120.000	291.0	V	305.0
58.421000	14.35	29.54	15.19	2000.0	120.000	100.0	V	187.0
106.339000	12.49	33.06	20.57	2000.0	120.000	100.0	V	96.0
192.087000	7.60	33.06	25.46	2000.0	120.000	225.0	V	136.0
322.552000	11.38	35.56	24.18	2000.0	120.000	100.0	V	316.0
599.875000	16.57	35.56	18.99	2000.0	120.000	125.0	V	135.0

Full Spectrum



- Preview Result2-AVG [Preview Result2.Result2]
- Preview Result1-PK+ [Preview Result 1.Result:1]
- * Critical_Freqs AVG [Critical_Freqs.Result5]
- * Critical_Freqs PK+ [Critical_Freqs.Result:4]
- FCC PART 15_PK [..]
- FCC PART 15_AVG [..]
- ◆ Final_Result PK+ [Final_Result.Result:4]
- ◆ Final_ResultAVG [Final_Result.Result5]

Fig A.4 Radiated Emission from 1GHz to 18GHz

Measurement results for Set.3:

Full Spectrum

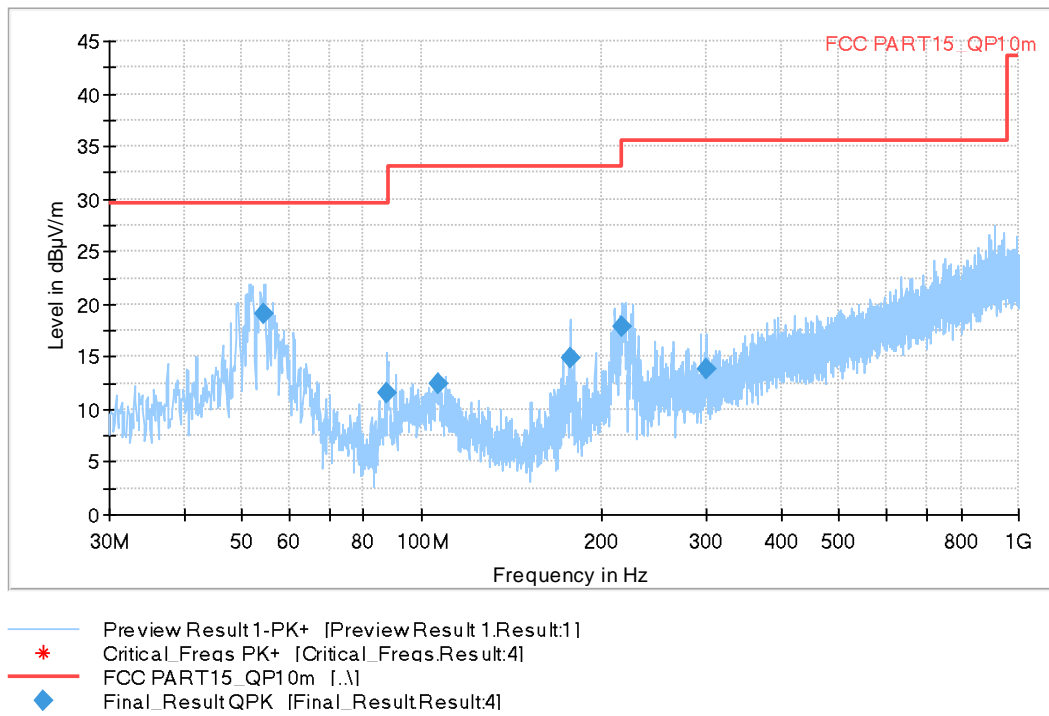
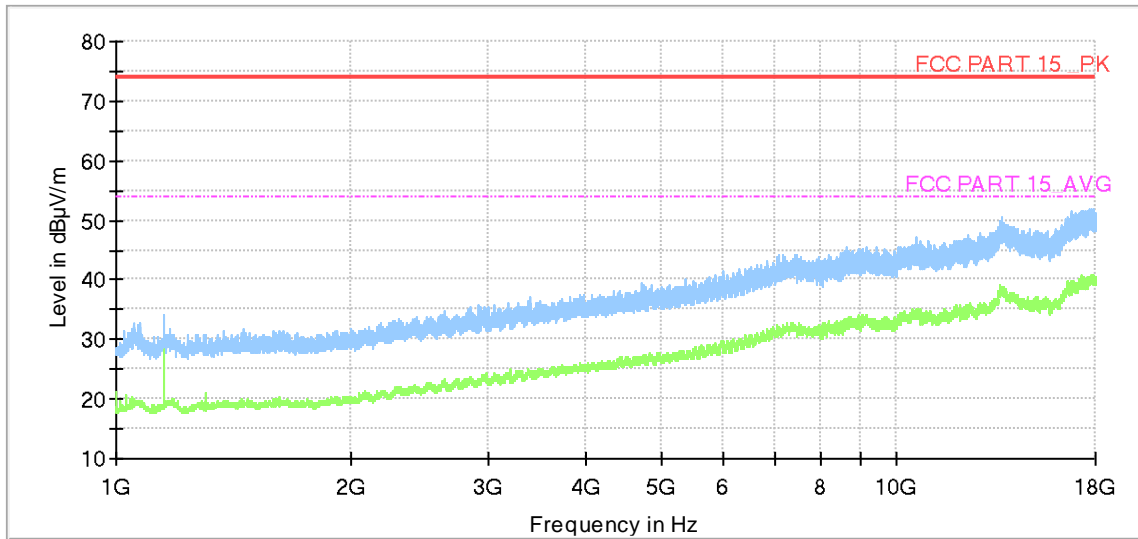


Fig A.5 Radiated Emission from 30MHz to 1GHz

Final Result 1

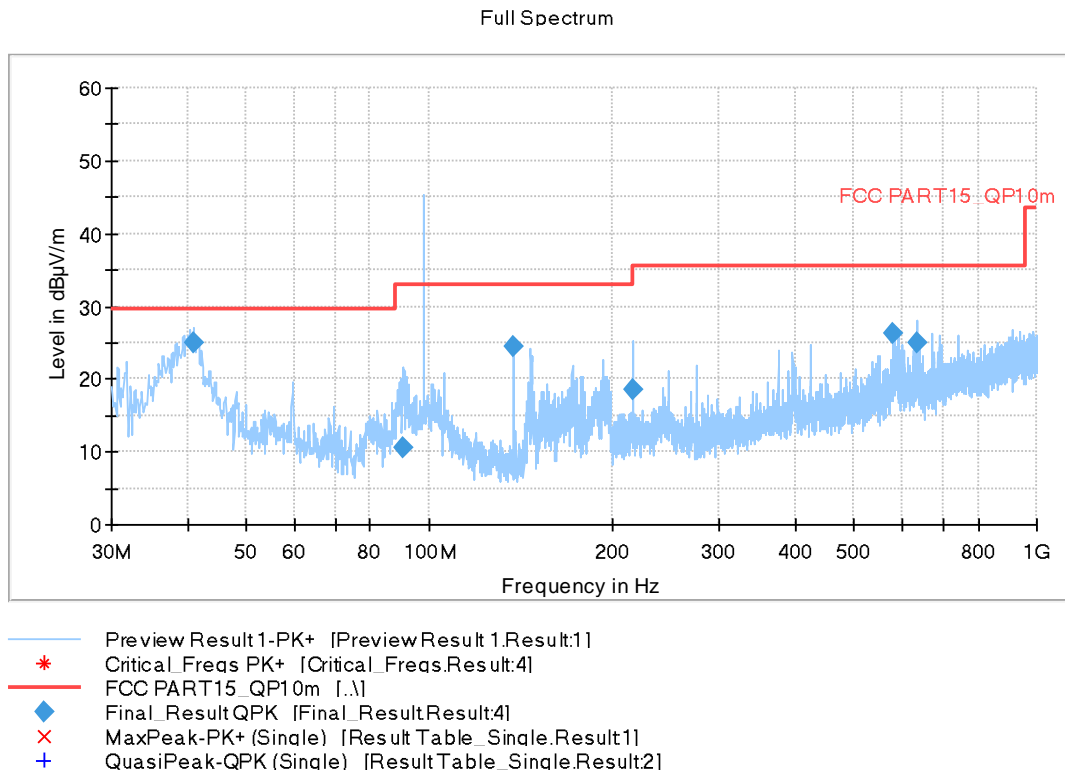
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
54.541000	19.12	29.54	10.42	2000.0	120.000	125.0	V	225.0
87.618000	11.61	29.54	17.93	2000.0	120.000	175.0	V	258.0
106.533000	12.37	33.06	20.69	2000.0	120.000	125.0	V	251.0
177.246000	14.88	33.06	18.18	2000.0	120.000	100.0	V	0.0
217.210000	17.79	35.56	17.77	2000.0	120.000	125.0	V	184.0
299.951000	13.82	35.56	21.74	2000.0	120.000	98.0	V	161.0

Full Spectrum



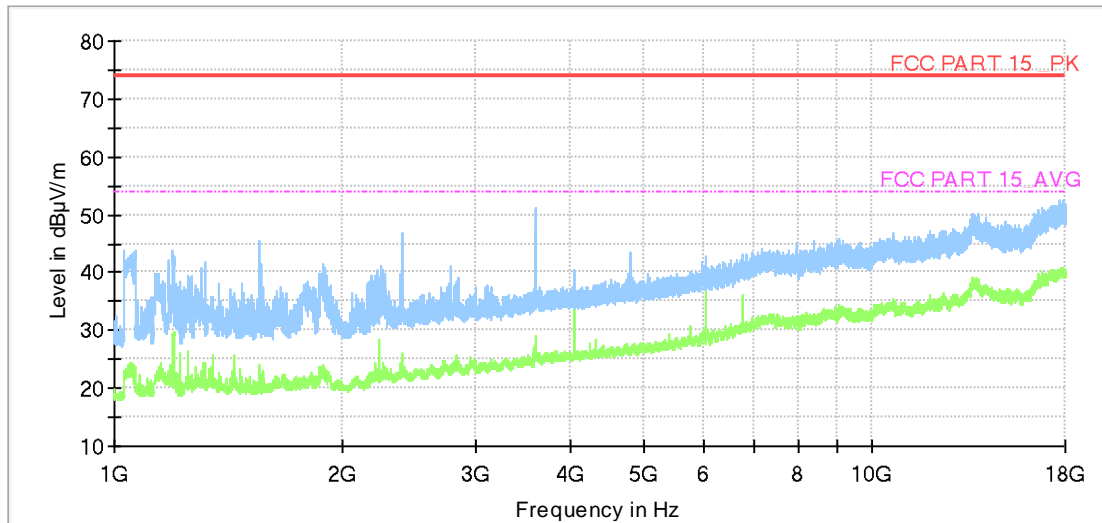
- Preview Result 2-AVG [Preview Result 2.Result 2]
- Preview Result 1-PK+ [Preview Result 1.Result 1]
- * Critical_Freqs AVG [Critical_Freqs.Result 5]
- * Critical_Freqs PK+ [Critical_Freqs.Result 4]
- FCC PART 15 _PK [..]
- - - FCC PART 15 _AVG [..]
- ◆ Final_Result PK+ [Final_Result.Result 4]
- ◆ Final_Result AVG [Final_Result.Result 5]

Fig A.6 Radiated Emission from 1GHz to 18GHz

Measurement results for Set.4:

Fig A.7 Radiated Emission from 30MHz to 1GHz
Final Result 1

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
40.961000	24.90	29.54	4.64	2000.0	120.000	225.0	V	225.0
90.431000	10.46	33.06	22.60	2000.0	120.000	125.0	V	71.0
137.767000	24.45	33.06	8.61	2000.0	120.000	286.0	H	161.0
215.949000	18.61	33.06	14.45	2000.0	120.000	286.0	H	161.0
580.378000	26.34	35.56	9.22	2000.0	120.000	225.0	V	339.0
634.504000	24.86	35.56	10.70	2000.0	120.000	225.0	V	0.0

Full Spectrum

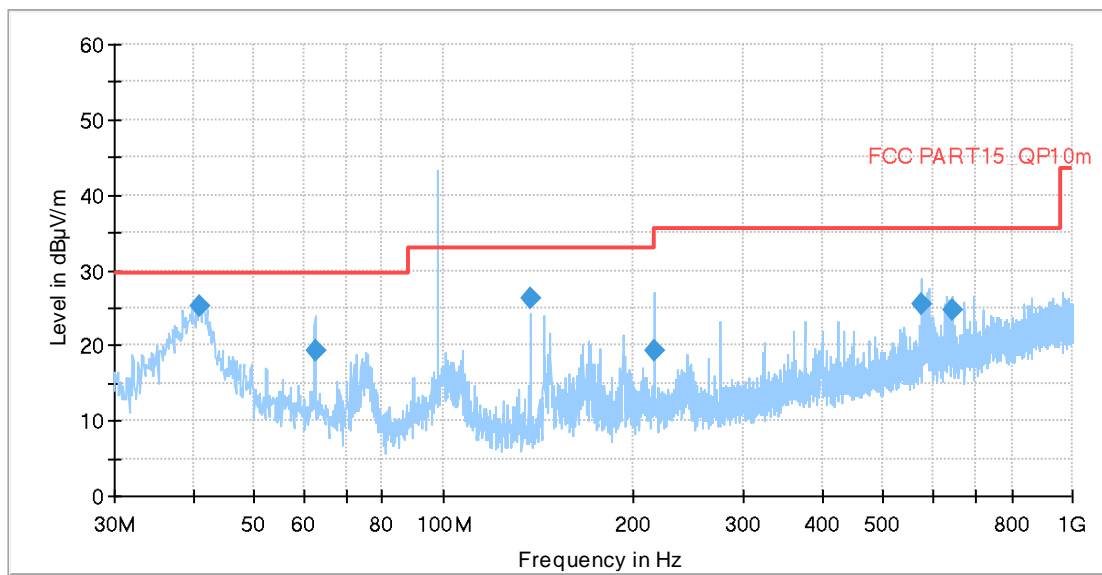


- Preview Result 2-AVG [Preview Result 2.Result 2]
- Preview Result 1-PK+ [Preview Result 1.Result:1]
- * Critical_Freqs AVG [Critical_Freqs.Result:5]
- * Critical_Freqs PK+ [Critical_Freqs.Result:4]
- FCC PART 15_PK [..]
- - - - FCC PART 15_AVG [..]
- ◆ Final_Result PK+ [Final_Result.Result:4]
- ◆ Final_Result AVG [Final_Result.Result:5]

Fig A.8 Radiated Emission from 1GHz to 18GHz

Measurement results for Set.5:

Full Spectrum

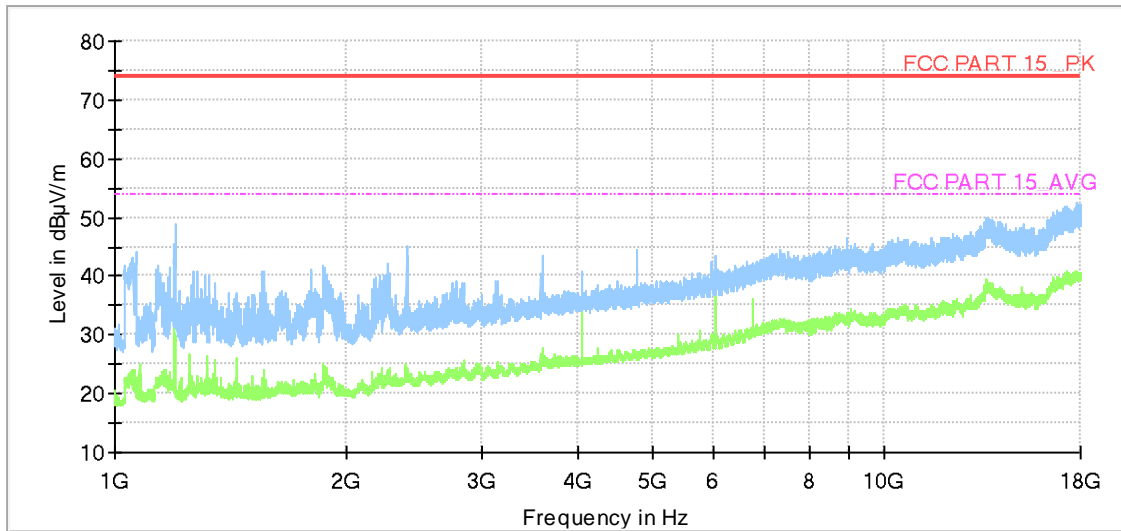


- Preview Result 1-PK+ [PreviewResult 1.Result:1]
- * Critical_Freas PK+ [Critical_Freas.Result:4]
- FCC PART15_QP10m [..]
- ◆ Final_Result QPK [Final_Result.Result:4]
- × MaxPeak-PK+ (Single) [Result Table_Single.Result:1]
- + QuasiPeak-QPK (Single) [Result Table_Single.Result:2]

Fig A.9 Radiated Emission from 30MHz to 1GHz
Final Result 1

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
41.058000	25.31	29.54	4.23	2000.0	120.000	186.0	V	210.0
62.495000	19.36	29.54	10.18	2000.0	120.000	98.0	V	136.0
137.864000	26.28	33.06	6.78	2000.0	120.000	325.0	H	137.0
215.949000	19.44	33.06	13.62	2000.0	120.000	286.0	H	187.0
576.789000	25.59	35.56	9.97	2000.0	120.000	275.0	V	0.0
645.174000	24.79	35.56	10.77	2000.0	120.000	186.0	V	0.0

Full Spectrum

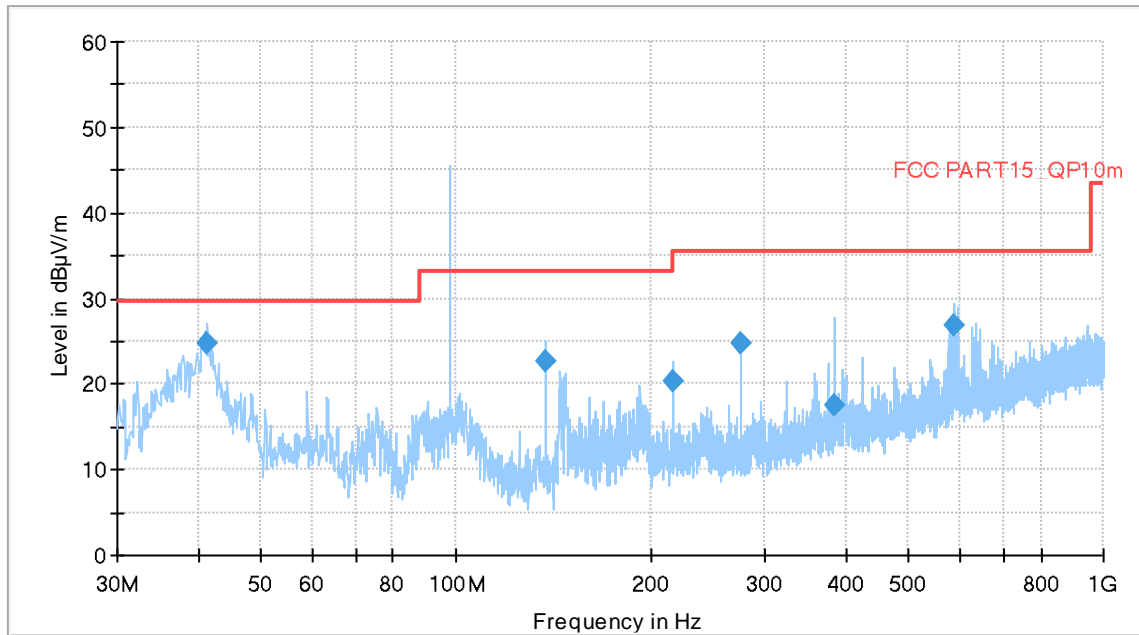


- Preview Result 2-AVG [Preview Result 2.Result 2]
- Preview Result 1-PK+ [Preview Result 1.Result 1]
- * Critical_Freqs AVG [Critical_Freqs.Result 5]
- * Critical_Freqs PK+ [Critical_Freqs.Result 4]
- FCC PART 15_PK [..]
- - - FCC PART 15_AVG [..]
- ◆ Final_Result PK+ [Final_Result.Result 4]
- ◆ Final_Result AVG [Final_Result.Result 5]

Fig A.10 Radiated Emission from 1GHz to 18GHz

Measurement results for Set.6:

Full Spectrum

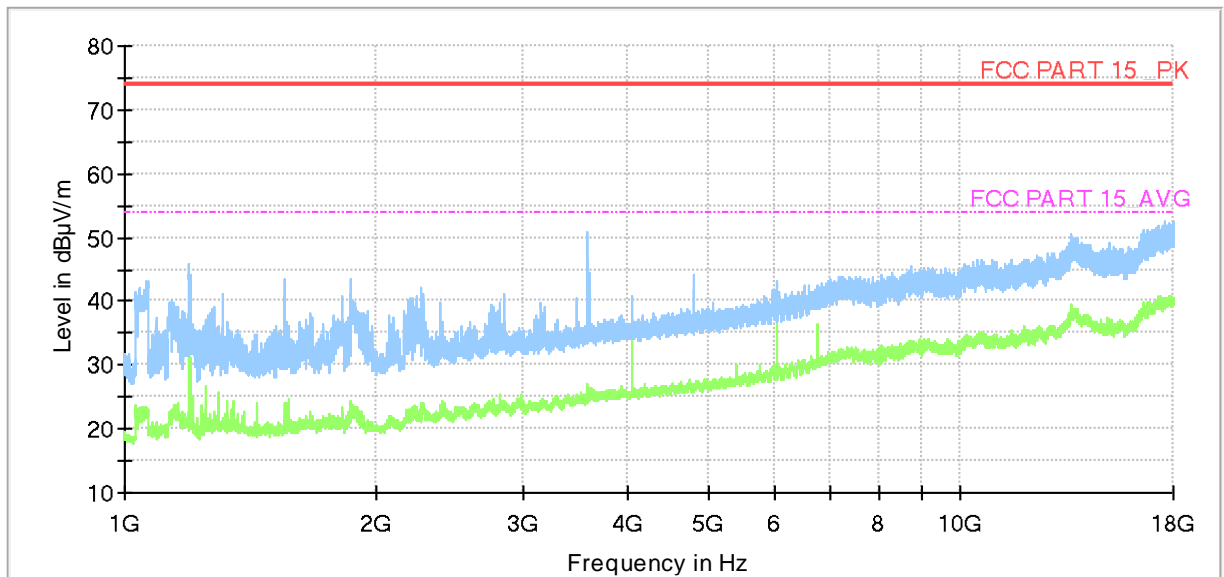


- Preview Result 1-PK+ [PreviewResult 1.Result:1]
- * Critical_Freqs PK+ [Critical_Freqs.Result:4]
- FCC PART15_QP10m [..]
- ◆ Final_Result QPK [Final_Result.Result:4]

Fig A.11 Radiated Emission from 30MHz to 1GHz
Final Result 1

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
41.349000	24.80	29.54	4.74	2000.0	120.000	175.0	V	187.0
137.767000	22.60	33.06	10.46	2000.0	120.000	325.0	H	137.0
215.949000	20.25	33.06	12.81	2000.0	120.000	325.0	H	187.0
275.701000	24.68	35.56	10.88	2000.0	120.000	325.0	H	70.0
383.953000	17.42	35.56	18.14	2000.0	120.000	125.0	V	135.0
588.041000	26.78	35.56	8.78	2000.0	120.000	225.0	V	2.0

Full Spectrum



- Preview Result 2-AVG [Preview Result 2.Result 2]
- Preview Result 1-PK+ [Preview Result 1.Result:1]
- * Critical_Freqs AVG [Critical_Freqs.Result:5]
- * Critical_Freqs PK+ [Critical_Freqs.Result:4]
- FCC PART 15_PK [..]
- - - FCC PART 15_AVG [..]
- ◆ Final_Result PK+ [Final_Result.Result:4]
- ◆ Final_Result AVG [Final_Result.Result:5]

Fig A.12 Radiated Emission from 1GHz to 18GHz

*****END OF REPORT*****