TEST REPORT

No.I21N02204-EMC

for

HMD global Oy

Tablet PC

Model Name：TA-1394

With

Hardware Version: V1.0

Software Version: 00WW_0_23B

FCC ID: 2AJOTTA-1394

Issued Date: 2021-09-13

Designation Number: CN1210

Note:

The test results in this test report relate only to the devices specified in this report. This report shall not be reproduced except in full without the written approval of SAICT.

Test Laboratory:

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REPORT HISTORY

Report Number	Revision	Description	Issue Date
I21N02204-EMC	Rev.0	1st edition	2021-09-13

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

CONTENTS

1. SUMMARY OF TEST REPORT

1.1. Test Items

Description	Tablet PC
Model Name	TA-1394
Applicant's name	HMD global Oy
Manufacturer's Name	HMD global Oy

1.2. Test Standards

FCC Part 15, Subpart B (10-1-2020 Edition); ANSI C63.4-2014.

1.3. Test Result

Total test 2 items, pass 2 items. Please refer to "6.2 Test Results".

1.4. Testing Location

Address: Building G, Shenzhen International Innovation Center, No.1006 Shennan Road, Futian District, Shenzhen, Guangdong, China

1.5. Project data

Testing Start Date: 2021-07-20 Testing End Date: 2021-09-12

1.6. Signature

Ma Shoujian
(Prepared this test report)

Zhang Yunzhuan
(Reviewed this test report)

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(Approved this test report)

2. CLIENT INFORMATION

2.1. Applicant Information

Company Name:	HMD global Oy
Address:	Bertel Jungin aukio 9, 02600 Espoo, Finland.
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2.2. Manufacturer Information

Company Name:	HMD global Oy
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3. EQUIPMENT UNDER TEST (EUT) AND ANCILLARY EQUIPMENT (AE)

3.1. About EUT

Description	Tablet PC
Model Name	TA-1394
FCC ID	2AJOTTA-1394
Condition of EUT as received	No obvious damage in appearance

Note: Components list, please refer to documents of the manufacturer; it is also included in the original test record of Shenzhen Academy of Information and Communications Technology.

3.2. Internal Identification of EUT

EUT ID*	SN or IMEI	HW Version	SW Version	Receive Date
UT07aa	353193550104950	V1.0	00WW_0_23B	2021-07-20
UT08aa	353193550104943	V1.0	00WW_0_23B	2021-07-20

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

3.3. Internal Identification of AE

AE ID*	Description
AE1	Battery
AE2	Charger
AE3	USB Cable
AE4	Headset

AE1

Model	EMT80
Manufacturer	HUNAN GAOYUAN BATTERY COMPANY LIMITED
Capacity	8000mAh
Nominal Voltage	5V

AE2-1

Model	AD-010U
Manufacturer	Shen zhen baijundaElectronic Co..Ltd

AE2-2

Model	CH-21B
Manufacturer	Shen zhen Tianyin Electronic Co..Ltd

AE3-1

Model	/
Manufacturer	Shen zhen baijundaElectronic Co..Ltd

AE4

Model	/
Manufacturer	/

* AE ID: is used to identify the test sample in the lab internally.
AE: ancillary equipment
AE4: Just for test.

3.4. EUT set-ups

EUT set-up No.	Combination of EUT and AE	Operating modes of EUT
Set.1	EUT+AE1+AE2-1-AE3	Camera/Video Player/ GSM receiver/WCDMA receiver/ LTE receiver
Set.2	EUT+AE1+AE2-2-AE3	WCDMA receiver
Set.3	EUT+AE1+AE3+PC	Data Transfer
Set.4	EUT+AE1+AE2-1-AE3+AE4	FM receiver
Set.5	EUT+AE1+AE2-2-AE3+AE4	FM receiver

3.5. General Description

The Equipment Under Test (EUT) is a model of Tablet PC with internal antenna.
It supports GSM 850/900/1800/1900MHz, WCDMA Bands 1/2/4/5/8, and LTE Bands 1/2/3/4/5/7/8/12/13/17/20/28/40/66.
It has Video Player, Camera, FM receiver, USB memory, Bluetooth and Wi-Fi functions.
It consists of normal options: Battery, Charger and USB Cable.
Manual and specifications of the EUT were provided to fulfill the test.
Samples (EUT+AE) undergoing test were selected by the Client. Relevant information is provided by the client.

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	(10-1-2020 Edition)
ANSI C63.4	Methods of Measurement of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the Range of 9 kHz to 40 GHz	2014

5. LABORATORY ENVIRONMENT

Semi-anechoic chamber did not exceed following limits along the EMC testing:
9.10m×6.10m×5.60m (L×W×H)

Temperature	Min. = 15 ℃, Max. = 35℃
Relative humidity	Min. = 20 %, Max. = 75 %
Shielding effectiveness	0.014MHz-1MHz,>60dB; 1MHz-18000MHz,>90dB
Electrical insulation	>2MΩ
Ground system resistance	<4Ω
Normalised site attenuation (NSA)	<±4 dB, 3 m distance, from 30 to 1000 MHz

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

Temperature	Min. = 15 ℃, Max. = 35 ℃
Relative humidity	Min. =20 %, Max. = 75 %
Shielding effectiveness	0.014MHz-1MHz,>60dB; 1MHz-10000MHz,>90dB
Electrical insulation	>2MΩ
Ground system resistance	<4Ω

Fully-anechoic chamber did not exceed following limits along the EMC testing:
9.10m×6.10m×5.60m (L×W×H)

Temperature	Min. = 15 ℃, Max. = 35℃
Relative humidity	Min. = 20 %, Max. = 75 %
Shielding effectiveness	0.014MHz-1MHz,>60dB; 1MHz-18000MHz,>90dB
Electrical insulation	>2MΩ
Ground system resistance	<4Ω
Voltage Standing Wave Ratio （VSWR）	≤ 6 dB, from 1 to 18GHz，3 m distance
Uniformity of field strength	Between 0 and 6 dB, from 80 to 6000 MHz

6. SUMMARY OF TEST RESULTS

6.1. Testing Environment

Normal Temperature: 15~35℃
Relative Humidity: 20~75%
Atmospheric pressure 86~106kPa

6.2. Summary of Measurement Results

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

Items	Test Name	Clause in FCC/IC rules	Section in this report	Verdict
1	Radiated Emission	15.109(a)/ Section 6.2	A.1	P
2	Conducted Emission	15.107(a)/ Section 6.1	A.2	P

6.3. Statement

6.3.1 Statements of conformity

This report takes measured values as criterion of test conclusion. The test conclusion meets the limit requirements.

7. MEASUREMENT UNCERTAINTY

Test item	Frequency ranges	Measurement uncertainty
Radiated Emission	30MHz-1GHz	4.84dB(*k*=2)
	1GHz-18GHz	4.68dB(*k*=2)
	18GHz-40GHz	3.76dB(*k*=2)
Conducted Emission	150kHz-30MHz	3.00dB(*k*=2)

8. TEST FACILITIES UTILIZED

NO.	Name	Model	Serial Number	MANUFACTURER	Calibration Due date	CALIBRATION PERIOD
1.	Test Receiver	ESR7	101676	R&S	2021.11.25	1 year
2.	Test Receiver	ESCI	100702	R&S	2022.01.13	1 year
3.	Spectrum Analyzer	FSV40	101192	R&S	2022.01.13	1 year
4.	BiLog Antenna	3142E	0224831	ETS-Lindgren	2024.05.27	3 years
5.	Horn Antenna	3117	00066577	ETS-Lindgren	2022.04.02	3 years
6.	LISN	ENV216	102067	R&S	2022.07.15	1 year
7.	Chamber	FACT3-2.0	1285	ETS-Lindgren	2023.05.29	2 years
8.	Software	EMC32	V10.50.40	R&S	/	/
9.	Universal Radio Communication Tester	CMW500	152499	R&S	2022.07.15	1 year
10.	Signal Generator	SMB100A	179725	R&S	2021.11.25	1 year
11.	Horn Antenna	QSH-SL-18-26-S-20	17013	Q-par	2023.01.06	3 years
12.	Horn Antenna	QSH-SL-8-26-40-K-20	17014	Q-par	2023.01.06	3 years

Note: CAL.: Calibration

9. TEST ACCESSORY UTILIZED

NO.	Name	Model	Serial Number	MANUFACTURER	Calibration Due date	CALIBRATION PERIOD
1.	PC	ThinkPad T480	PF-13LW0C	Lenovo	/	/
2.	Printer	P1008	VNF6C12491	HP	/	/
3.	Mouse	MOEUUOA	44NY517	Lenovo	/	/

ANNEX A: MEASUREMENT RESULTS

A.1 Radiated Emission (§15.109(a))

Reference

FCC: Part 15.109(a)

A.1.1 Method of measurement

The field strength of radiated emissions from the unintentional radiator (Data transfer mode of EUT and charging mode of EUT) at a distance 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 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:

Camera: At the beginning of measurement, the battery is completely discharged. The battery and charger are installed so that the EUT works well and keeping on taking photos.

Video Player: The EUT is connected to a charger for charging and keeping on playing mp3.

FM receiver: The EUT is connected to a charger for charging. The EUT is synchronized to a FM signal generator. The EUT is keeping on demodulating the FM signal and outputting the audio signal through the headset.

Data Transfer: The model of the PC is Lenovo ThinkPad T480, and the serial number of the PC is PF-13LW0C. The EUT is connected to a PC for transmitting data. The software is used to let the PC keep on copying data to EUT or TF Card, reading and erasing the data after copy action was finished.

GSM receiver: The EUT is connected to a charger for charging. The EUT is synchronized to SS, and able to respond to paging messages and incoming call. An established call has been released.

WCDMA receiver: The EUT is connected to a charger for charging. The EUT is synchronized to SS, and able to respond to paging messages and incoming call. An established call has been released.

LTE receiver: The EUT is connected to a charger for charging. The EUT is synchronized to SS, and able to respond to paging messages and incoming call. An established call has been released.

This device contains the receivers which tune and operate between 30MHz-960MHz in the following bands:

GSM 850MHz, WCDMA Band 5, LTE Band 5, LTE Band 12, LTE Band 13 and LTE Band 17.

The EUT was tested while operating in licensed band Rx mode. All licensed band receivers that tune in the range of 30MHz-960MHz, 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.

A.1.3 Measurement Limit

Limit from Part 15.109(a)

Frequency range (MHz)	Field strength limit (μV/m)		
	Quasi-peak	Average	Peak
30-88	100		
88-216	150		
216-960	200		
960-1000	500		
>1000		500	5000

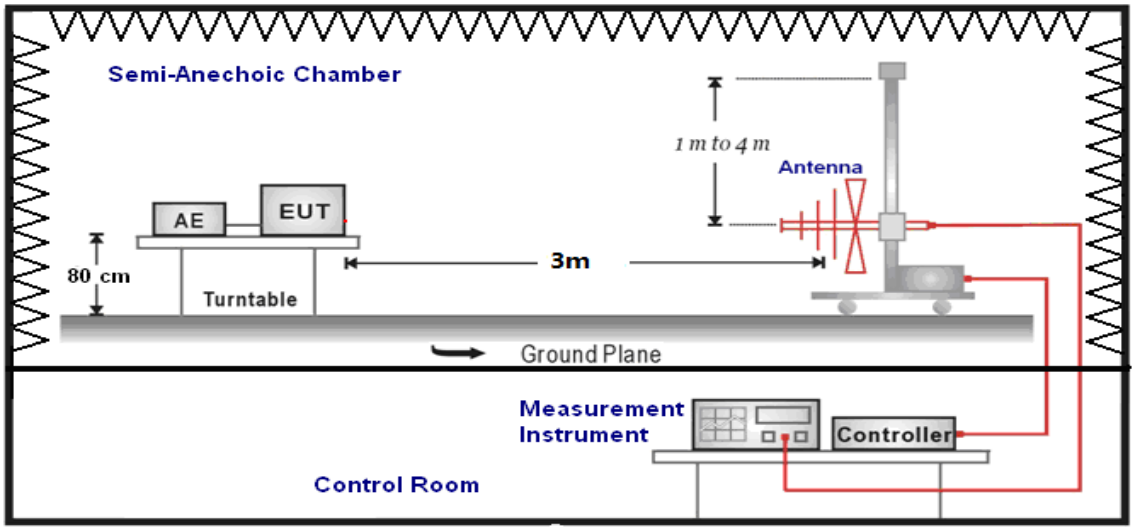
*Note: The original limit is defined at 10m test distance. This limit is calculated according to CISPR requirements.

A.1.4 Test Condition

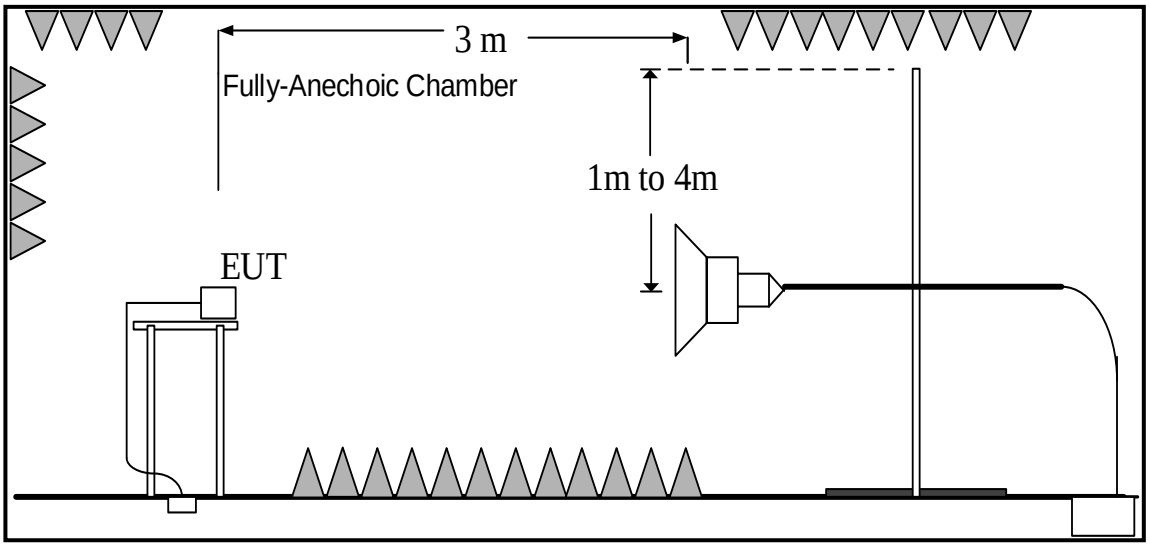
Frequency of emission (MHz)	RBW/VBW	Sweep Time(s)
30-1000	120kHz (IF bandwidth)	5
Above 1000	1MHz/3MHz	15

A.1.5 Test set-up:

30MHz-1GHz



1GHz-40GHz



A.1.6 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:

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

Where

G_A: Antenna factor of receive antenna

G_{PL}:PathLoss

P_{Mea}: Measurement result on receiver.

Result:Quasi-Peak(dBμV/m) /Average(dBμV/m)/Peak(dBμV/m)

Note: the result contains vertical part and Horizontal part

GSM Receiver 850MHz

Frequency range (MHz)	Quasi-Peak Limit (dBμV/m)	Result (dBμV/m) UT07aa/Set.1	Conclusion
30-88	40.00	See Figure A.1.1.	P
88-216	43.50		
216-960	46.02		
960-1000	54.00		

Frequency range (MHz)	Average Limit (dBμV/m)	Peak Limit (dBμV/m)	Result (dBμV/m) UT07aa/Set.1	Conclusion
1000 to 18000	54.00	74.00	See Figure A.1.2.	P
18000 to 26500	54.00	74.00	See Figure A.1.3.	
26500 to 40000	54.00	74.00	See Figure A.1.4.	

WCDMA Receiver Band 5

Frequency range (MHz)	Quasi-Peak Limit (dBμV/m)	Result (dBμV/m) UT07aa/Set.1	Conclusion
30-88	40.00	See Figure A.1.5.	P
88-216	43.50		
216-960	46.02		
960-1000	54.00		

Frequency range (MHz)	Average Limit (dBμV/m)	Peak Limit (dBμV/m)	Result (dBμV/m) UT07aa/Set.1	Conclusion
1000 to 18000	54.00	74.00	See Figure A.1.6.	P
18000 to 26500	54.00	74.00	See Figure A.1.7.	
26500 to 40000	54.00	74.00	See Figure A.1.8.	

LTE Receiver Band 5

Frequency range (MHz)	Quasi-Peak Limit (dBμV/m)	Result (dBμV/m) UT07aa/Set.1	Conclusion
30-88	40.00	See Figure A.1.9.	P
88-216	43.50		
216-960	46.02		
960-1000	54.00		

Frequency range (MHz)	Average Limit (dBμV/m)	Peak Limit (dBμV/m)	Result (dBμV/m) UT07aa/Set.1	Conclusion
1000 to 18000	54.00	74.00	See Figure A.1.10.	P
18000 to 26500	54.00	74.00	See Figure A.1.11.	
26500 to 40000	54.00	74.00	See Figure A.1.12.	

LTE Receiver Band 12

Frequency range (MHz)	Quasi-Peak Limit (dBμV/m)	Result (dBμV/m) UT07aa/Set.1	Conclusion
30-88	40.00	See Figure A.1.13.	P
88-216	43.50		
216-960	46.02		
960-1000	54.00		

Frequency range (MHz)	Average Limit (dBμV/m)	Peak Limit (dBμV/m)	Result (dBμV/m) UT07aa/Set.1	Conclusion
1000 to 18000	54.00	74.00	See Figure A.1.14.	P
18000 to 26500	54.00	74.00	See Figure A.1.15.	
26500 to 40000	54.00	74.00	See Figure A.1.16.	

LTE Receiver Band 13

Frequency range (MHz)	Quasi-Peak Limit (dBμV/m)	Result (dBμV/m) UT07aa/Set.1	Conclusion
30-88	40.00	See Figure A.1.17.	P
88-216	43.50		
216-960	46.02		
960-1000	54.00		

Frequency range (MHz)	Average Limit (dBμV/m)	Peak Limit (dBμV/m)	Result (dBμV/m) UT07aa/Set.1	Conclusion
1000 to 18000	54.00	74.00	See Figure A.1.18.	P
18000 to 26500	54.00	74.00	See Figure A.1.19.	
26500 to 40000	54.00	74.00	See Figure A.1.20.	

LTE Receiver Band 17

Frequency range (MHz)	Quasi-Peak Limit (dBμV/m)	Result (dBμV/m) UT07aa/Set.1	Conclusion
30-88	40.00	See Figure A.1.21.	P
88-216	43.50		
216-960	46.02		
960-1000	54.00		

Frequency range (MHz)	Average Limit (dBμV/m)	Peak Limit (dBμV/m)	Result (dBμV/m) UT07aa/Set.1	Conclusion
1000 to 18000	54.00	74.00	See Figure A.1.22.	P
18000 to 26500	54.00	74.00	See Figure A.1.23.	
26500 to 40000	54.00	74.00	See Figure A.1.24.	

WCDMA Receiver Band 5

Frequency range (MHz)	Quasi-Peak Limit (dBμV/m)	Result (dBμV/m) UT07aa/Set.2	Conclusion
30-88	40.00	See Figure A.1.25.	P
88-216	43.50		
216-960	46.02		
960-1000	54.00		

Frequency range (MHz)	Average Limit (dBμV/m)	Peak Limit (dBμV/m)	Result (dBμV/m) UT07aa/Set.2	Conclusion
1000 to 18000	54.00	74.00	See Figure A.1.26.	P
18000 to 26500	54.00	74.00	See Figure A.1.27.	
26500 to 40000	54.00	74.00	See Figure A.1.28.	

Camera

Frequency range (MHz)	Quasi-Peak Limit (dBμV/m)	Result (dBμV/m) UT07aa/Set.1	Conclusion
30-88	40.00	See Figure A.1.29.	P
88-216	43.52		
216-960	46.02		
960-1000	54.00		

Frequency range (MHz)	Average Limit (dBμV/m)	Peak Limit (dBμV/m)	Result (dBμV/m) UT07aa/Set.1	Conclusion
1000 to 18000	54.00	74.00	See Figure A.1.30.	P
18000 to 26500	54.00	74.00	See Figure A.1.31.	
26500 to 40000	54.00	74.00	See Figure A.1.32.	

Video Player

Frequency range (MHz)	Quasi-Peak Limit (dBμV/m)	Result (dBμV/m) UT07aa/Set.1	Conclusion
30-88	40.00	See Figure A.1.33.	P
88-216	43.52		
216-960	46.02		
960-1000	54.00		

Frequency range (MHz)	Average Limit (dBμV/m)	Peak Limit (dBμV/m)	Result (dBμV/m) UT07aa/Set.1	Conclusion
1000 to 18000	54.00	74.00	See Figure A.1.34.	P
18000 to 26500	54.00	74.00	See Figure A.1.35.	
26500 to 40000	54.00	74.00	See Figure A.1.36.	

FM receiver

Frequency range (MHz)	Quasi-Peak Limit (dBμV/m)	Result (dBμV/m) UT07aa/Set.4	Conclusion
30-88	40.00	See Figure A.1.37.	P
88-216	43.52		
216-960	46.02		
960-1000	54.00		

Frequency range (MHz)	Average Limit (dBμV/m)	Peak Limit (dBμV/m)	Result (dBμV/m) UT07aa/Set.4	Conclusion
1000 to 18000	54.00	74.00	See Figure A.1.38.	P
18000 to 26500	54.00	74.00	See Figure A.1.39.	
26500 to 40000	54.00	74.00	See Figure A.1.40.	

FM receiver

Frequency range (MHz)	Quasi-Peak Limit (dBμV/m)	Result (dBμV/m) UT07aa/Set.5	Conclusion
30-88	40.00	See Figure A.1.41.	P
88-216	43.52		
216-960	46.02		
960-1000	54.00		

Frequency range (MHz)	Average Limit (dBμV/m)	Peak Limit (dBμV/m)	Result (dBμV/m) UT07aa/Set.5	Conclusion
1000 to 18000	54.00	74.00	See Figure A.1.42.	P
18000 to 26500	54.00	74.00	See Figure A.1.43.	
26500 to 40000	54.00	74.00	See Figure A.1.44.	

Data Transfer: PC TO EUT

Frequency range (MHz)	Quasi-Peak Limit (dBμV/m)	Result (dBμV/m) UT07aa/Set.3	Conclusion
30-88	40.00	See Figure A.1.45.	P
88-216	43.52		
216-960	46.02		
960-1000	54.00		

Frequency range (MHz)	Average Limit (dBμV/m)	Peak Limit (dBμV/m)	Result (dBμV/m) UT07aa/Set.3	Conclusion
1000 to 18000	54.00	74.00	See Figure A.1.46.	P
18000 to 26500	54.00	74.00	See Figure A.1.47.	
26500 to 40000	54.00	74.00	See Figure A.1.48.	

Data Transfer: PC TO TF Card

Frequency range (MHz)	Quasi-Peak Limit (dBμV/m)	Result (dBμV/m) UT07aa/Set.3	Conclusion
30-88	40.00	See Figure A.1.49.	P
88-216	43.52		
216-960	46.02		
960-1000	54.00		

Frequency range (MHz)	Average Limit (dBμV/m)	Peak Limit (dBμV/m)	Result (dBμV/m) UT07aa/Set.3	Conclusion
1000 to 18000	54.00	74.00	See Figure A.1.50.	P
18000 to 26500	54.00	74.00	See Figure A.1.51.	
26500 to 40000	54.00	74.00	See Figure A.1.52.	

Data Transfer: EUT TO PC

Frequency range (MHz)	Quasi-Peak Limit (dBμV/m)	Result (dBμV/m) UT07aa/Set.3	Conclusion
30-88	40.00	See Figure A.1.53.	P
88-216	43.52		
216-960	46.02		
960-1000	54.00		

Frequency range (MHz)	Average Limit (dBμV/m)	Peak Limit (dBμV/m)	Result (dBμV/m) UT07aa/Set.3	Conclusion
1000 to 18000	54.00	74.00	See Figure A.1.54.	P
18000 to 26500	54.00	74.00	See Figure A.1.55.	
26500 to 40000	54.00	74.00	See Figure A.1.56.	

Data Transfer: TF Card TO PC

Frequency range (MHz)	Quasi-Peak Limit (dBμV/m)	Result (dBμV/m) UT07aa/Set.3	Conclusion
30-88	40.00	See Figure A.1.57.	P
88-216	43.52		
216-960	46.02		
960-1000	54.00		

Frequency range (MHz)	Average Limit (dBμV/m)	Peak Limit (dBμV/m)	Result (dBμV/m) UT07aa/Set.3	Conclusion
1000 to 18000	54.00	74.00	See Figure A.1.58.	P
18000 to 26500	54.00	74.00	See Figure A.1.59.	
26500 to 40000	54.00	74.00	See Figure A.1.60.	

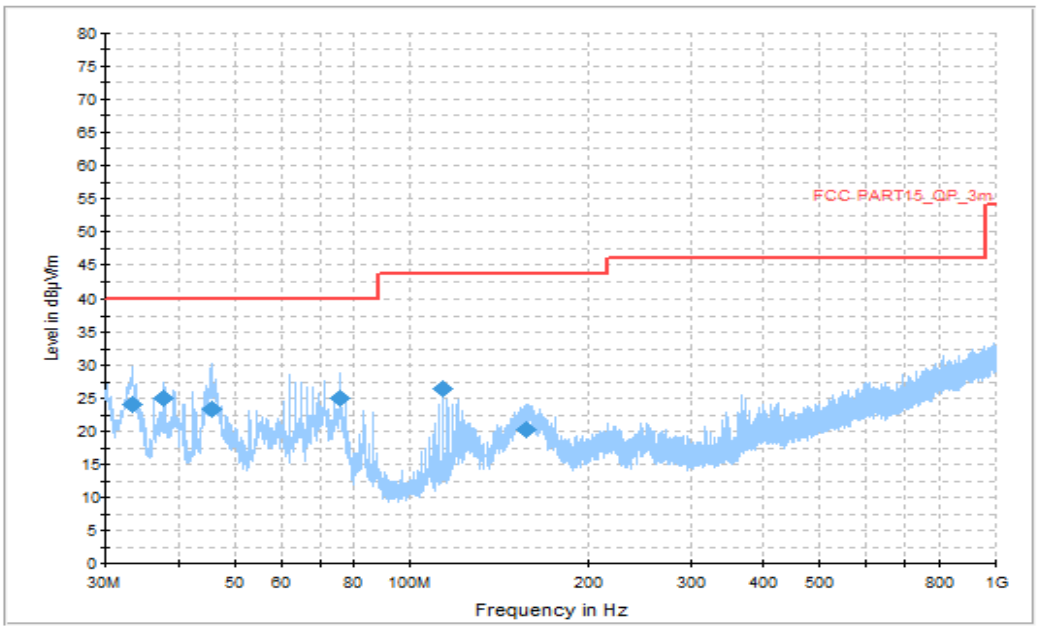


Figure A.1.1. Radiated Emission (GSM Receiver 850MHz, 30MHz to 1GHz)

Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	ARpl (dB/m)	PMea (dBµV)
33.346500	24.03	40.0	15.97	V	-23.32	47.35
37.857000	24.91	40.0	15.09	V	-22.37	47.28
45.568500	23.38	40.0	16.62	V	-22.04	45.42
75.735500	25.05	40.0	14.95	V	-25.88	50.93
113.614000	26.37	43.5	17.13	H	-24.78	51.15
157.361000	20.23	43.5	23.27	V	-22.77	43

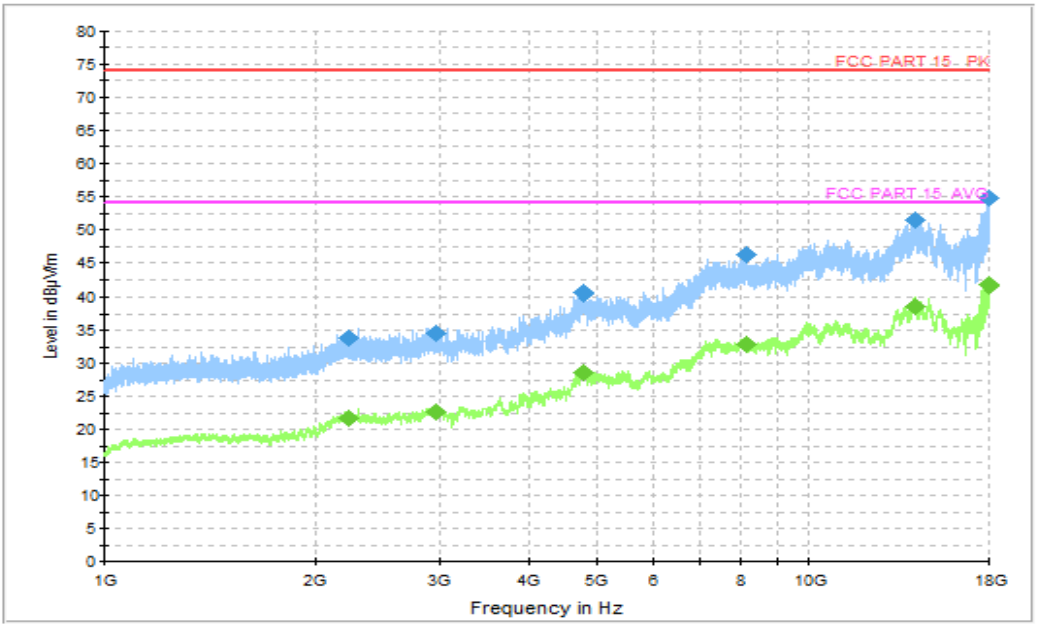


Figure A.1.2. Radiated Emission (GSM Receiver 850MHz,1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	PMea (dBµV)
2221.200000	33.81	74.0	40.20	V	-16.00	49.81
2955.600000	34.64	74.0	39.40	V	-14.41	49.05
4785.600000	40.54	74.0	33.50	V	-6.84	47.38
8112.800000	46.21	74.0	27.80	H	-0.75	46.96
14168.000000	51.31	74.0	22.70	H	6.99	44.32
17952.000000	54.72	74.0	19.30	H	12.66	42.06

Final_Results_AVG

Frequency(MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	PMea (dBµV)
2221.200000	21.59	54.0	32.40	V	-16.00	37.59
2955.600000	22.70	54.0	31.30	V	-14.41	37.11
4785.600000	28.65	54.0	25.40	V	-6.84	35.49
8112.800000	32.94	54.0	21.10	H	-0.75	33.69
14168.000000	38.58	54.0	15.40	H	6.99	31.59
17952.000000	41.66	54.0	12.30	H	12.66	29

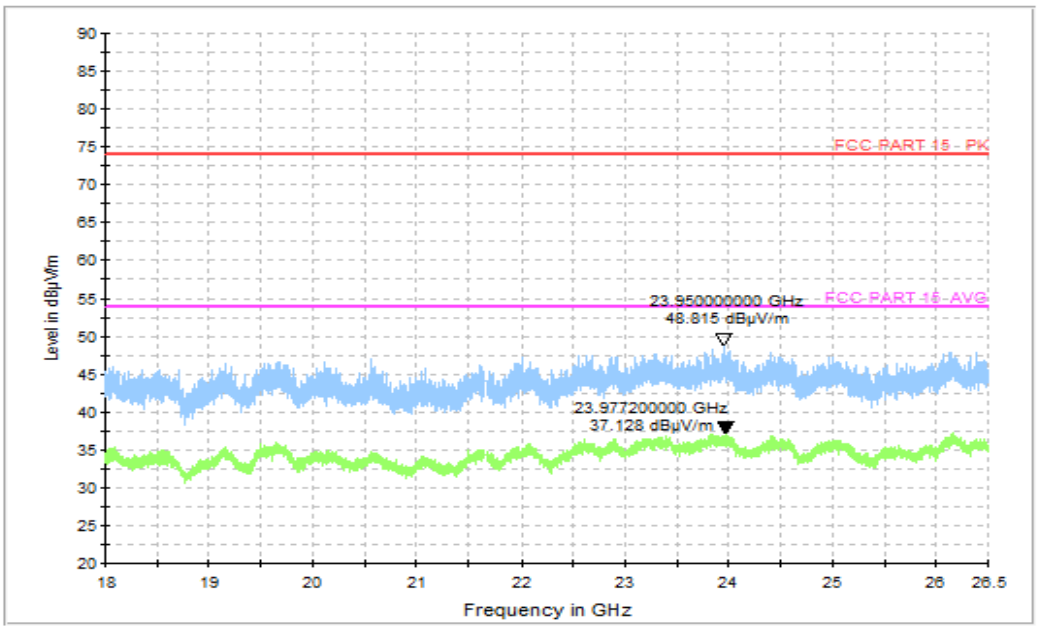


Figure A.1.3. Radiated Emission (GSM Receiver 850MHz,18GHz to 26.5GHz)

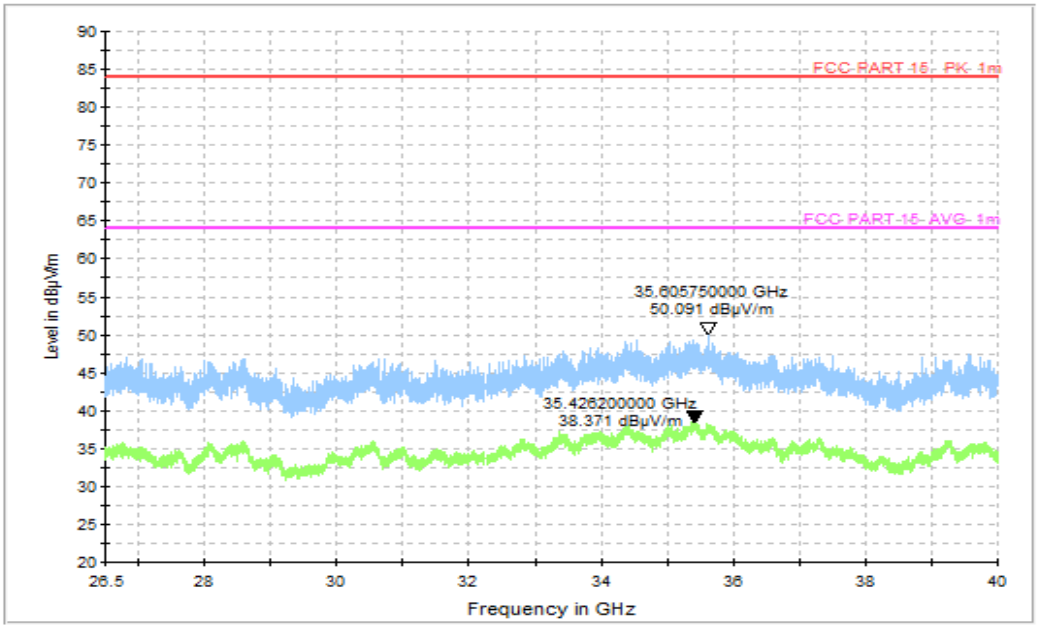


Figure A.1.4. Radiated Emission (GSM Receiver 850MHz,26.5GHz to 40GHz)

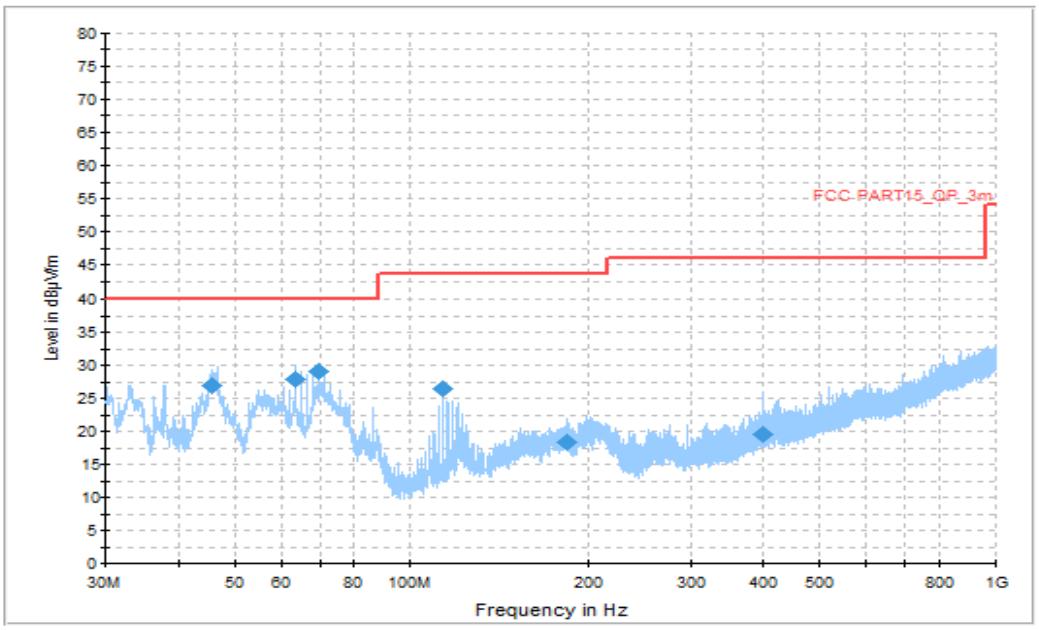


Figure A.1.5. Radiated Emission (WCDMA Receiver Band 5, 30MHz to 1GHz)

Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	ARpl (dB/m)	PMea (dBµV)
45.665500	26.84	40.0	13.16	V	-22.04	48.88
63.610500	27.76	40.0	12.24	V	-23.62	51.38
69.673000	29.08	40.0	10.92	V	-24.64	53.72
113.614000	26.50	43.5	17.00	H	-24.78	51.28
184.375500	18.28	43.5	25.22	H	-25.10	43.38
398.260500	19.48	46.0	26.52	H	-19.26	38.74

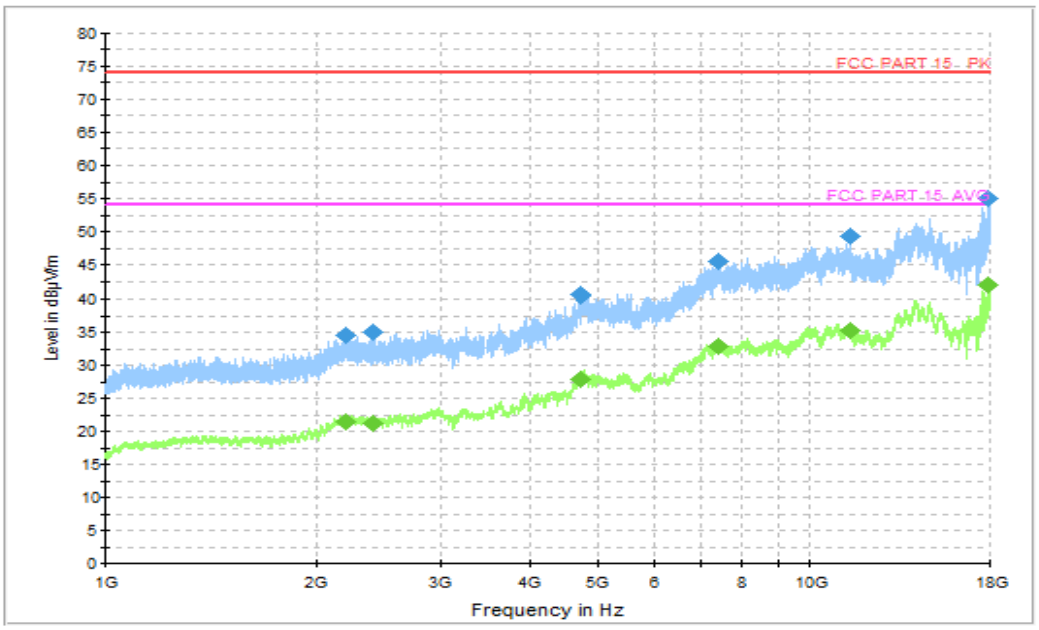


Figure A.1.6. Radiated Emission (WCDMA Receiver Band 5,1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	PMea (dBµV)
2204.400000	34.42	74.0	39.60	V	-15.96	50.38
2404.600000	34.93	74.0	39.10	H	-16.00	50.93
4709.600000	40.49	74.0	33.50	V	-7.29	47.78
7385.600000	45.46	74.0	28.50	H	-0.49	45.95
11389.000000	49.22	74.0	24.80	V	2.57	46.65
17942.800000	55.06	74.0	18.90	V	12.61	42.45

Final_Results_AVG

Frequency(MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	PMea (dBµV)
2204.400000	21.45	54.0	32.60	V	-15.96	37.41
2404.600000	21.16	54.0	32.80	H	-16.00	37.16
4709.600000	27.78	54.0	26.20	V	-7.29	35.07
7385.600000	32.76	54.0	21.20	H	-0.49	33.25
11389.000000	35.13	54.0	18.90	V	2.57	32.56
17942.800000	42.01	54.0	12.00	V	12.61	29.4

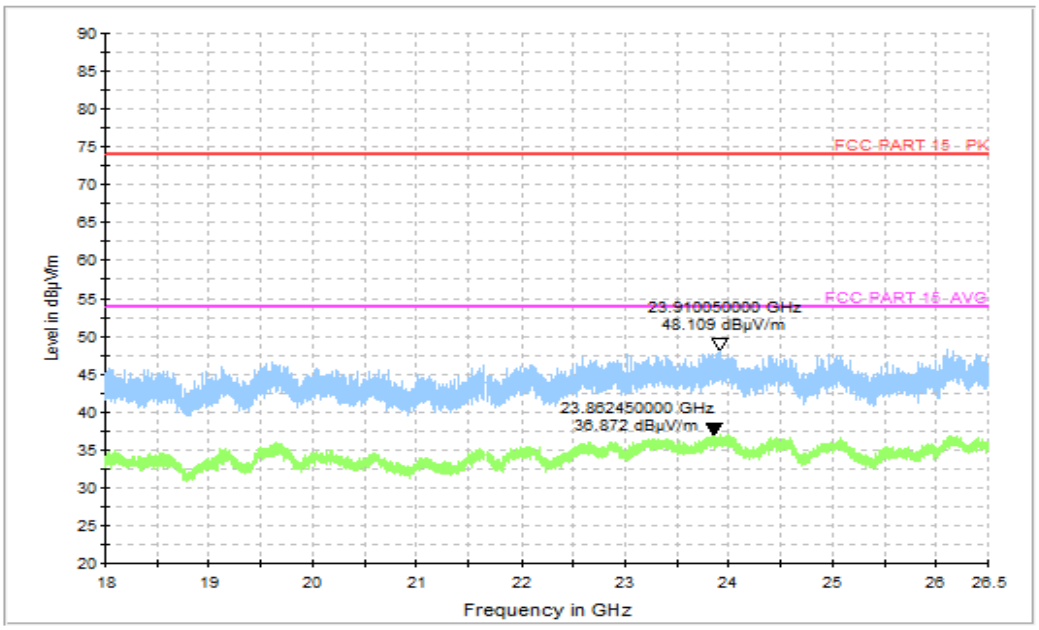


Figure A.1.7. Radiated Emission (WCDMA Receiver Band 5,18GHz to 26.5GHz)

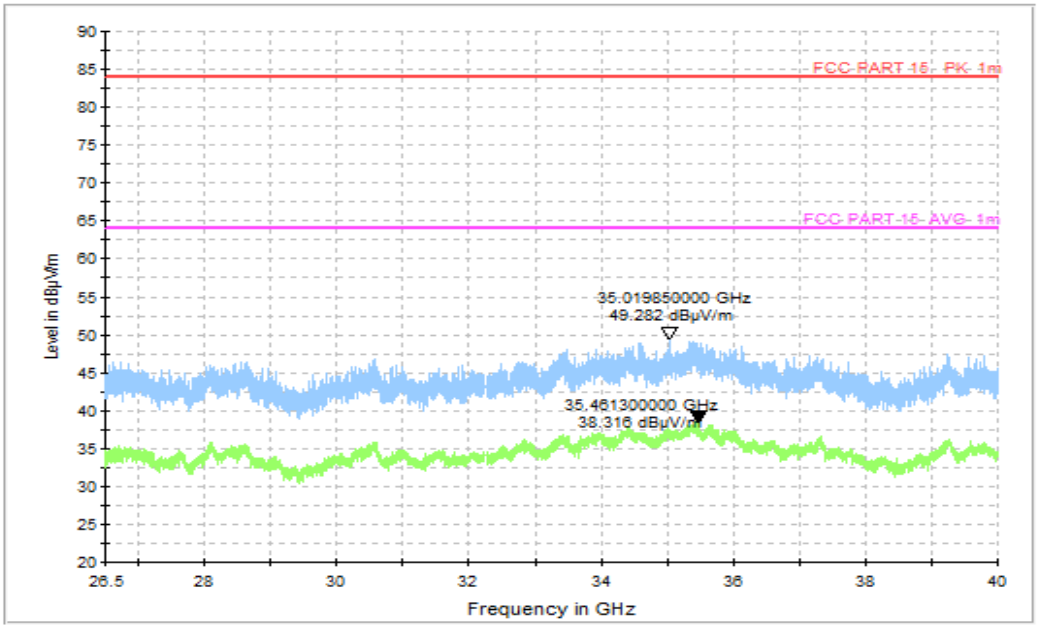


Figure A.1.8. Radiated Emission (WCDMA Receiver Band 5, 26.5GHz to 40GHz)

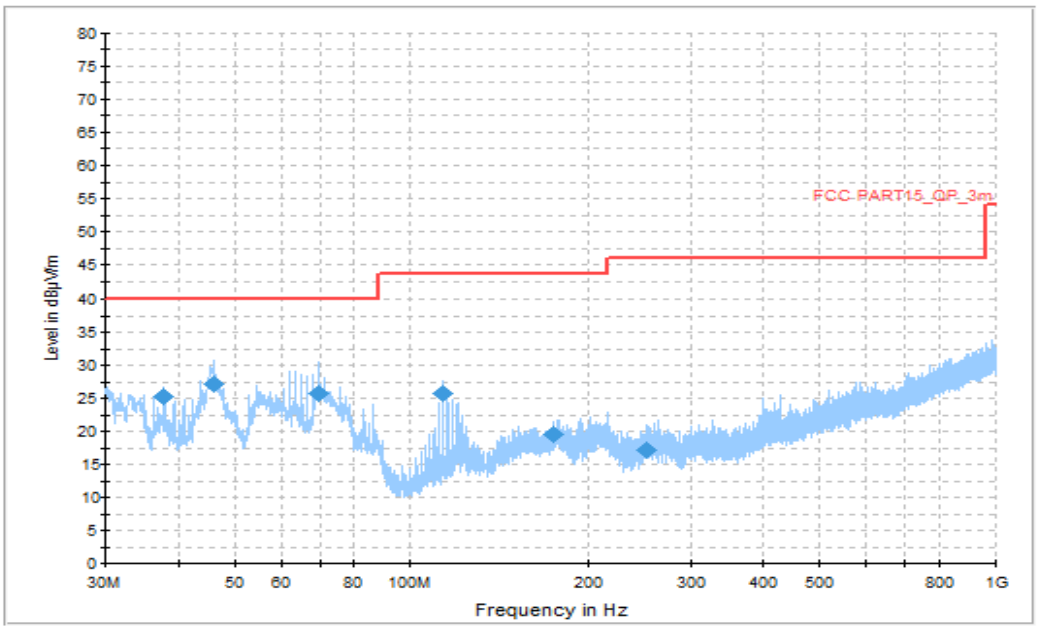


Figure A.1.9. Radiated Emission (LTE Receiver Band 5, 30MHz to 1GHz)

Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	ARpl (dB/m)	PMea (dBµV)
37.857000	25.34	40.0	14.66	V	-22.37	47.71
46.150500	27.03	40.0	12.97	V	-22.06	49.09
69.673000	25.61	40.0	14.39	V	-24.64	50.25
113.614000	25.79	43.5	17.71	H	-24.78	50.57
174.433000	19.46	43.5	24.04	H	-24.36	43.82
252.809000	17.11	46.0	28.89	H	-23.72	40.83

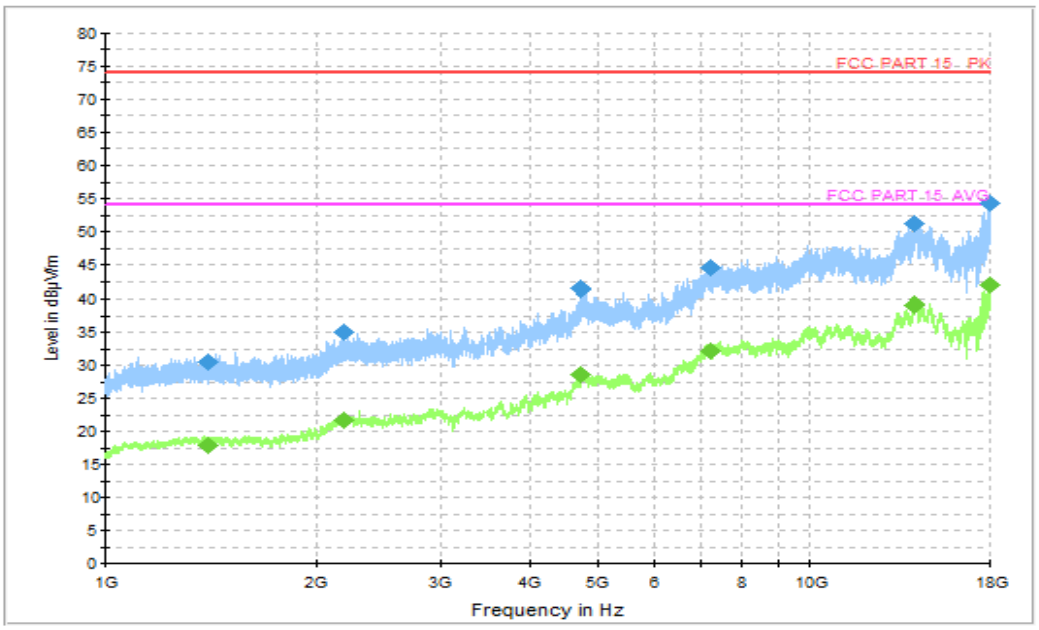


Figure A.1.10. Radiated Emission (LTE Receiver Band 5,1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	PMea (dBµV)
1402.000000	30.40	74.0	43.60	V	-19.83	50.23
2190.600000	34.97	74.0	39.00	H	-16.07	51.04
4723.200000	41.41	74.0	32.60	V	-7.19	48.6
7207.200000	44.61	74.0	29.40	H	-1.14	45.75
14090.500000	51.29	74.0	22.70	V	6.40	44.89
17952.800000	54.33	74.0	19.70	H	12.67	41.66

Final_Results_AVG

Frequency(MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	PMea (dBµV)
1402.000000	17.80	54.0	36.20	V	-19.83	37.63
2190.600000	21.75	54.0	32.20	H	-16.07	37.82
4723.200000	28.48	54.0	25.50	V	-7.19	35.67
7207.200000	32.18	54.0	21.80	H	-1.14	33.32
14090.500000	39.04	54.0	15.00	V	6.40	32.64
17952.800000	41.80	54.0	12.20	H	12.67	29.13

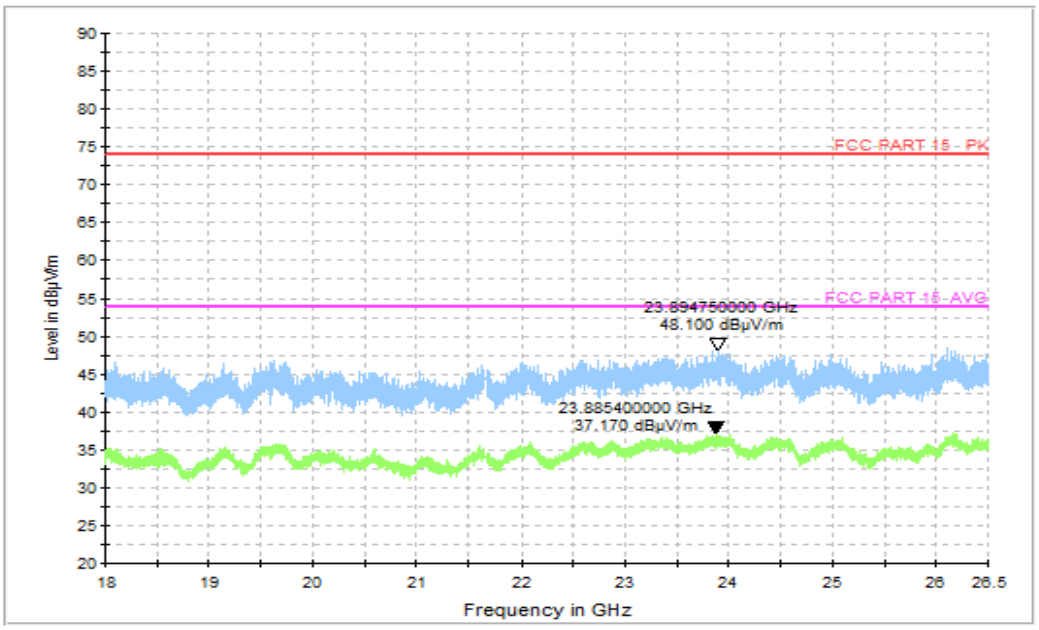


Figure A.1.11. Radiated Emission (LTE Receiver Band 5,18GHz to 26.5GHz)

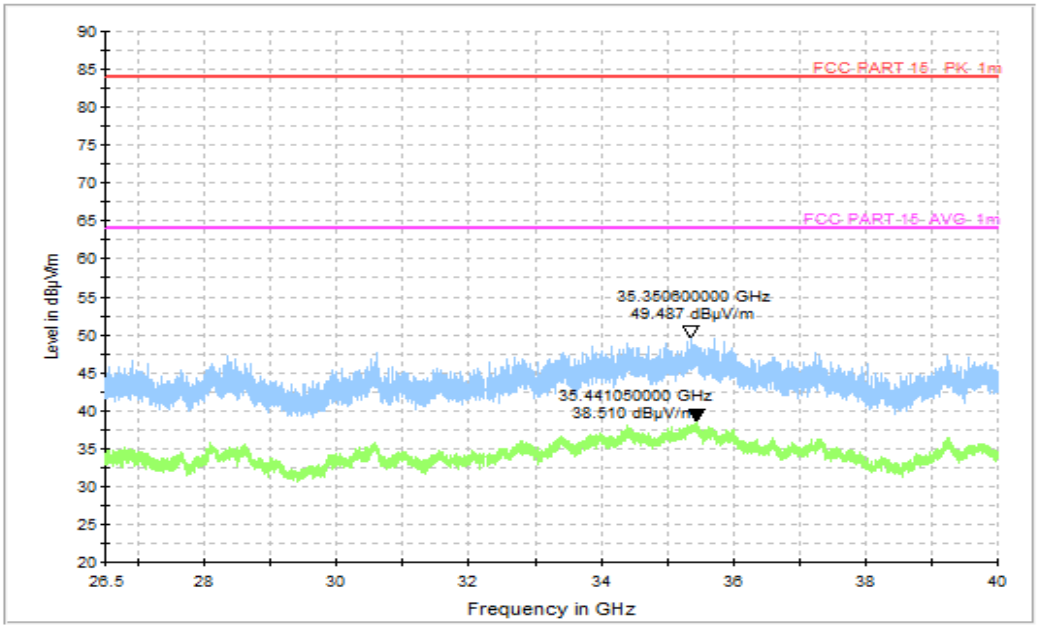


Figure A.1.12. Radiated Emission (LTE Receiver Band 5, 26.5GHz to 40GHz)

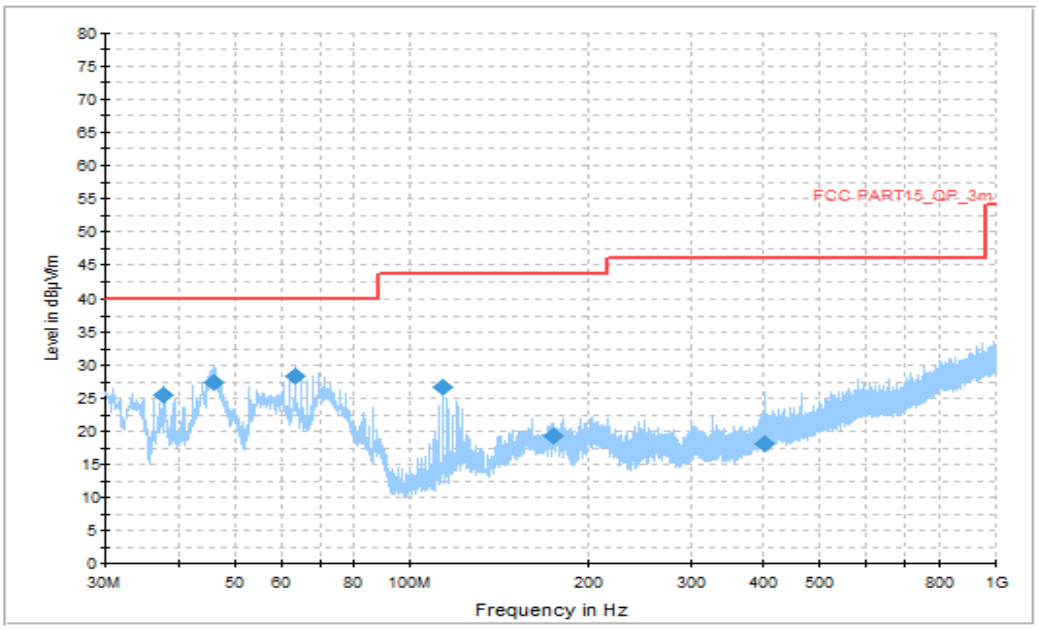


Figure A.1.13. Radiated Emission (LTE Receiver Band 12, 30MHz to 1GHz)

Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	ARpl (dB/m)	PMea (dBµV)
37.857000	25.59	40.0	14.41	V	-22.37	47.96
46.150500	27.40	40.0	12.60	V	-22.06	49.46
63.610500	28.27	40.0	11.73	V	-23.62	51.89
113.614000	26.66	43.5	16.84	H	-24.78	51.44
174.869500	19.18	43.5	24.32	H	-24.40	43.58
400.831000	18.20	46.0	27.80	H	-19.17	37.37

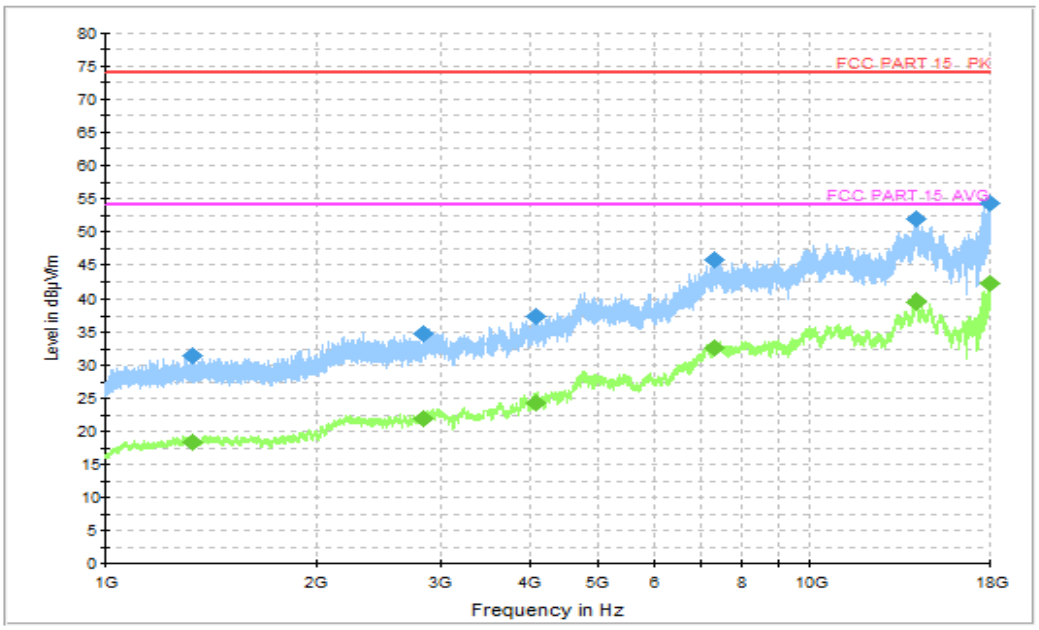


Figure A.1.14. Radiated Emission (LTE Receiver Band 12,1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	PMea (dBµV)
1328.400000	31.47	74.0	42.50	H	-19.93	51.40
2839.400000	34.84	74.0	39.20	V	-14.94	49.78
4070.400000	37.40	74.0	36.60	H	-10.63	48.03
7281.600000	45.83	74.0	28.20	V	-1.20	47.03
14095.000000	51.92	74.0	22.10	V	6.44	45.48
17943.600000	54.33	74.0	19.70	H	12.62	41.71

Final_Results_AVG

Frequency(MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	PMea (dBµV)
1328.400000	18.25	54.0	35.70	H	-19.93	38.18
2839.400000	22.02	54.0	32.00	V	-14.94	36.96
4070.400000	24.19	54.0	29.80	H	-10.63	34.82
7281.600000	32.53	54.0	21.50	V	-1.20	33.73
14095.000000	39.44	54.0	14.60	V	6.44	33
17943.600000	42.08	54.0	11.90	H	12.62	29.46

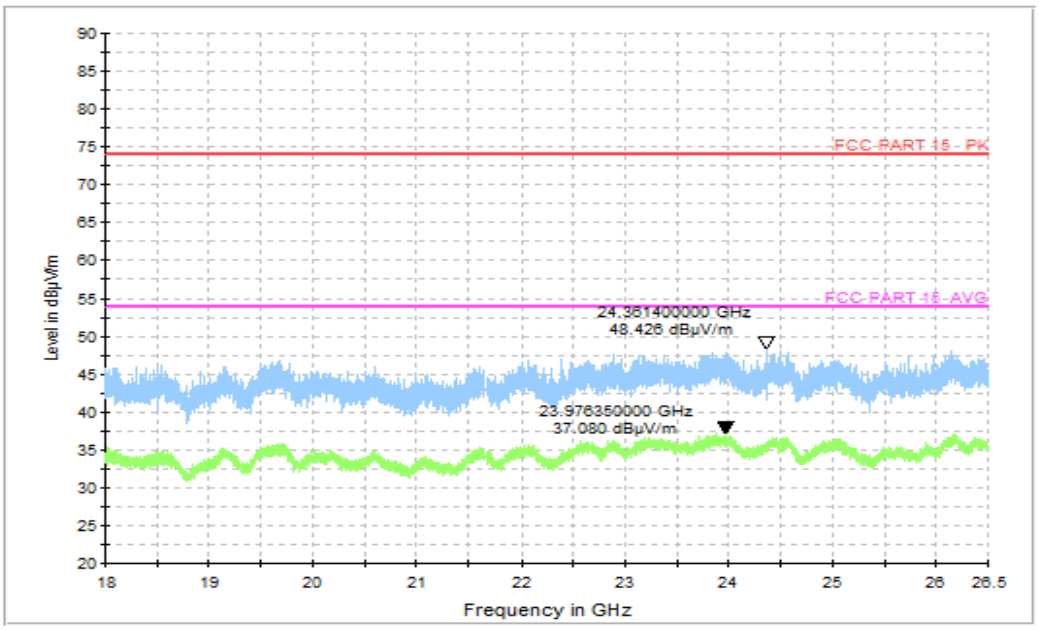


Figure A.1.15. Radiated Emission (LTE Receiver Band 12 ,18GHz to 26.5GHz)

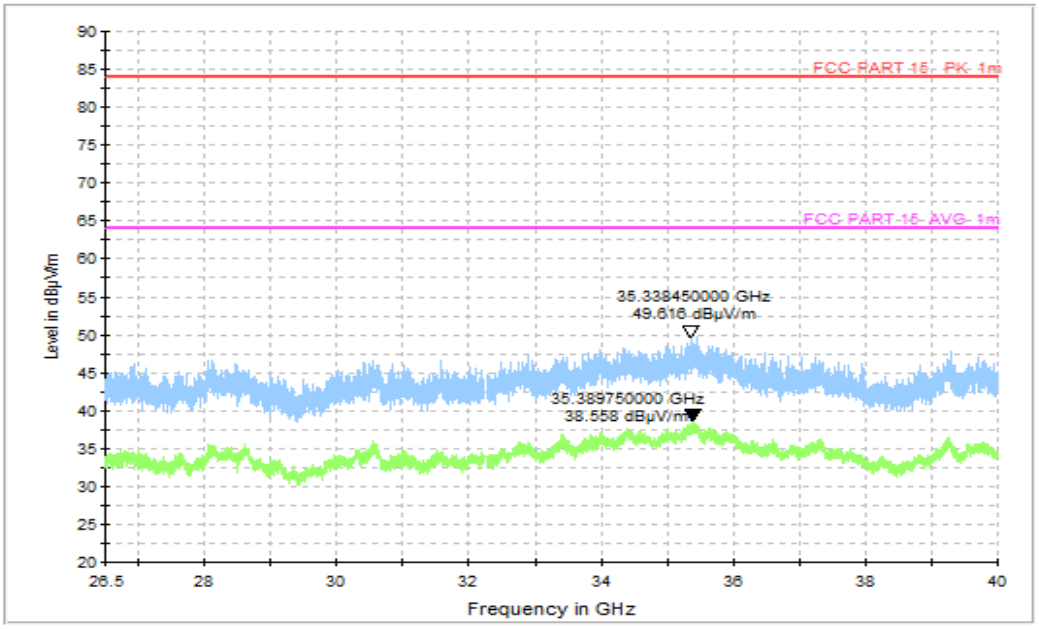


Figure A.1.16. Radiated Emission (LTE Receiver Band 12, 26.5GHz to 40GHz)

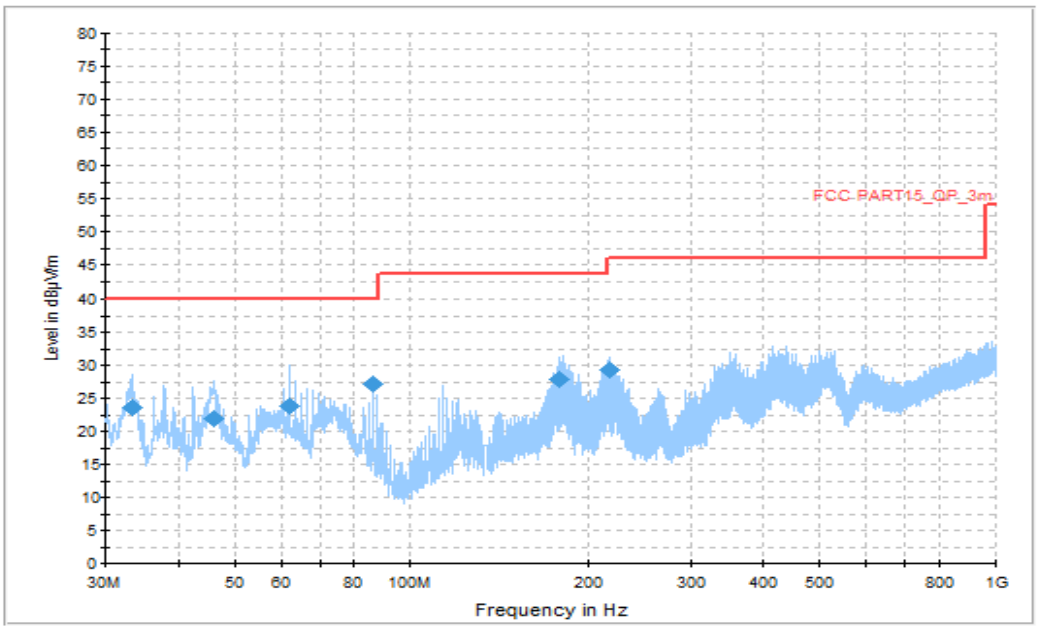


Figure A.1.17. Radiated Emission (LTE Receiver Band 13, 30MHz to 1GHz)

Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	ARpl (dB/m)	PMea (dBµV)
30.625000	28.19	40.00	11.81	V	-24.8	52.99
31.370556	23.61	40.00	16.39	V	-25.4	49.01
37.496667	20.63	40.00	19.37	V	-28.0	48.63
40.636111	23.48	40.00	16.52	V	-29.5	52.98
46.873333	18.51	40.00	21.49	V	-34.3	52.81
50.012778	24.00	40.00	16.00	V	-36.5	60.50

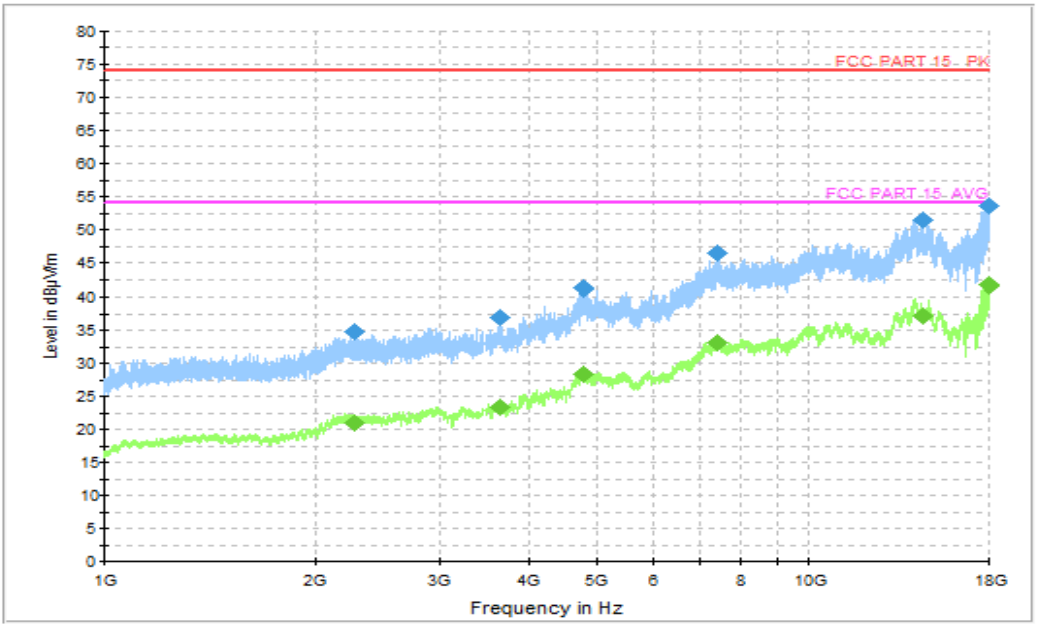


Figure A.1.18. Radiated Emission (LTE Receiver Band 13,1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	PMea (dBµV)
2268.000000	34.70	74.0	39.30	H	-16.10	50.80
3632.800000	36.98	74.0	37.00	V	-12.66	49.64
4768.000000	41.16	74.0	32.80	H	-6.89	48.05
7383.200000	46.33	74.0	27.70	V	-0.50	46.83
14548.000000	51.55	74.0	22.50	V	5.91	45.64
17948.000000	53.51	74.0	20.50	V	12.64	40.87

Final_Results_AVG

Frequency(MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	PMea (dBµV)
2268.000000	21.00	54.0	33.00	H	-16.10	37.10
3632.800000	23.41	54.0	30.60	V	-12.66	36.07
4768.000000	28.33	54.0	25.70	H	-6.89	35.22
7383.200000	33.02	54.0	21.00	V	-0.50	33.52
14548.000000	37.06	54.0	16.90	V	5.91	31.15
17948.000000	41.71	54.0	12.30	V	12.64	29.07

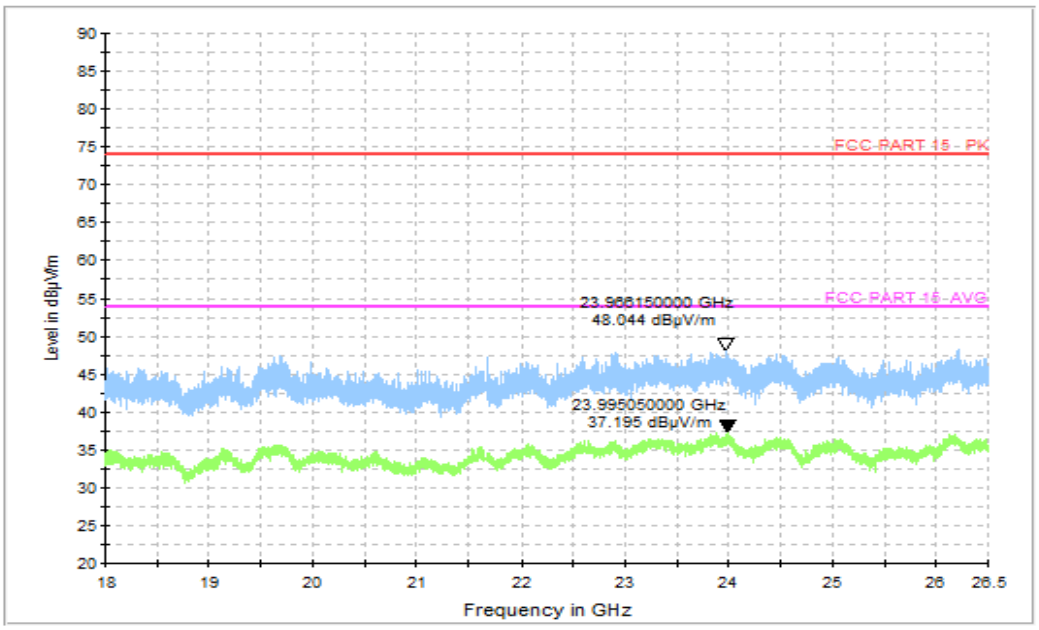


Figure A.1.19. Radiated Emission (LTE Receiver Band 13 ,18GHz to 26.5GHz)

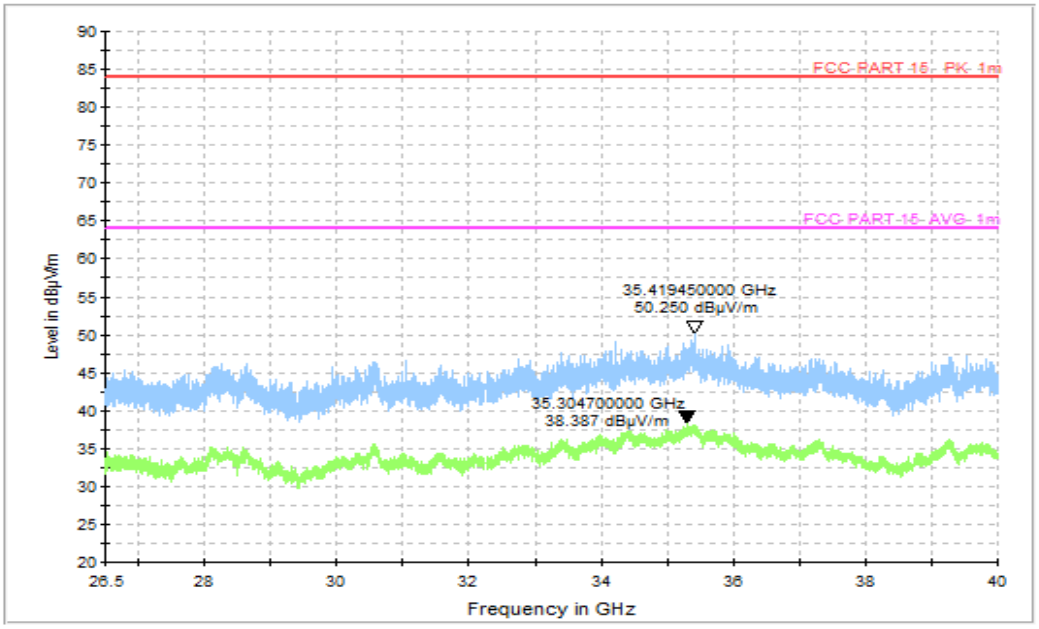


Figure A.1.20. Radiated Emission (LTE Receiver Band 13, 26.5GHz to 40GHz)

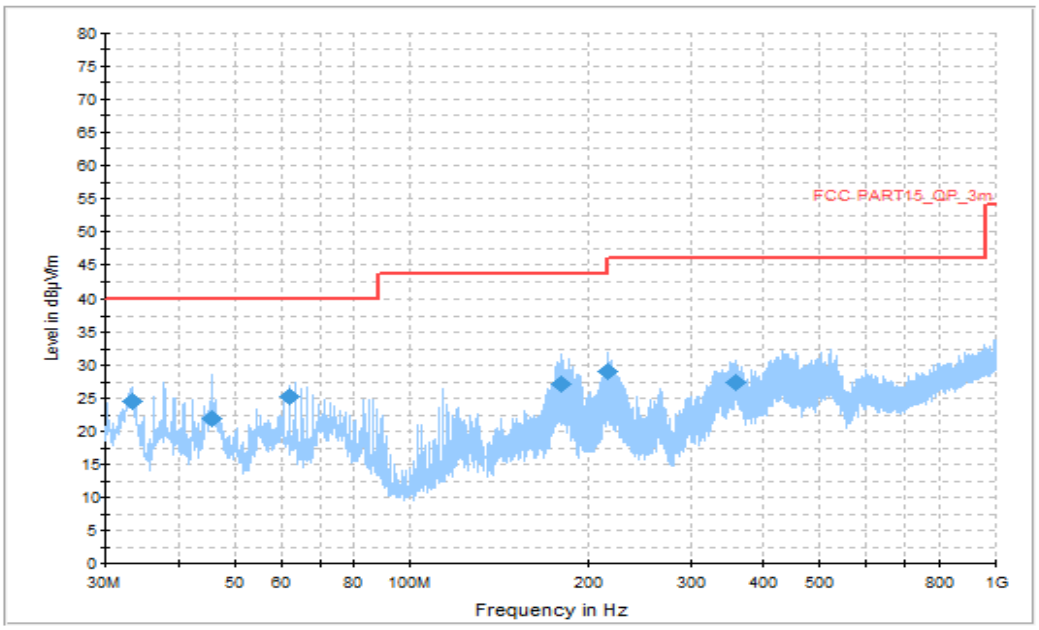


Figure A.1.21. Radiated Emission (LTE Receiver Band 17, 30MHz to 1GHz)

Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	ARpl (dB/m)	PMea (dBµV)
33.443500	24.6	40.0	15.4	V	-23.3	47.90
45.762500	21.8	40.0	18.2	V	-22.0	43.80
62.107000	25.3	40.0	14.7	V	-23.4	48.7
180.253000	27.2	43.5	16.3	H	-24.9	52.10
215.803500	29.2	43.5	14.4	H	-25.1	54.3
357.811500	27.3	46.0	18.7	H	-20.6	47.90

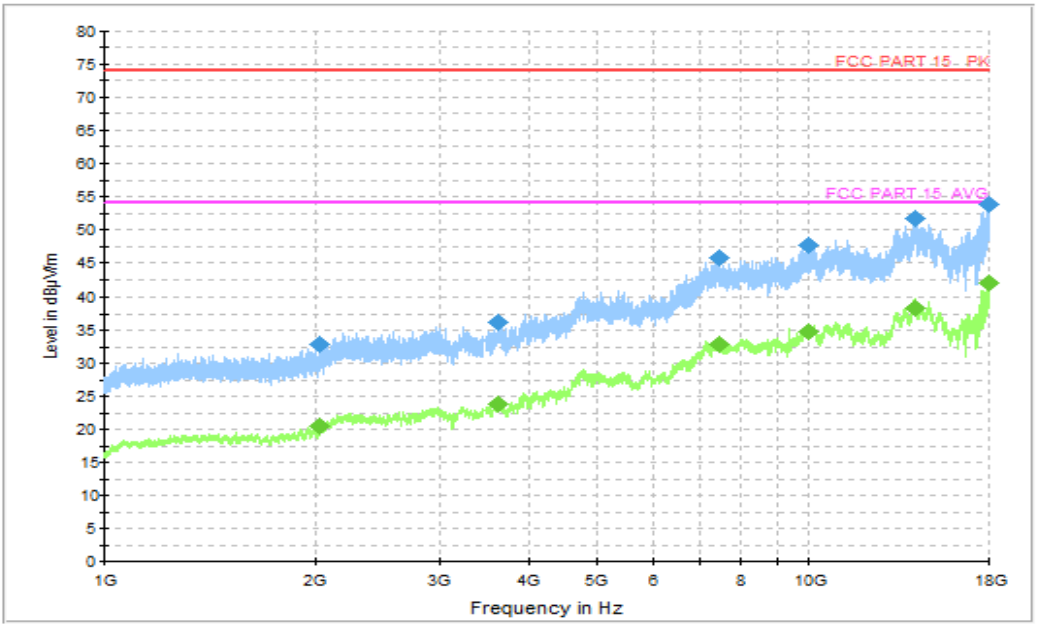


Figure A.1.22. Radiated Emission (LTE Receiver Band 17,1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	PMea (dBµV)
2029.600000	32.89	74.0	41.10	H	-17.84	50.73
3608.800000	36.30	74.0	37.70	H	-12.75	49.05
7428.800000	45.68	74.0	28.30	H	-0.67	46.35
9967.200000	47.71	74.0	26.30	V	2.06	45.65
14147.000000	51.66	74.0	22.30	H	6.83	44.83
17947.200000	53.74	74.0	20.30	H	12.64	41.10

Final_Results_AVG

Frequency(MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	PMea (dBµV)
2029.600000	20.47	54.0	33.50	H	-17.84	38.31
3608.800000	23.70	54.0	30.30	H	-12.75	36.45
7428.800000	32.86	54.0	21.10	H	-0.67	33.53
9967.200000	34.81	54.0	19.20	V	2.06	32.75
14147.000000	38.44	54.0	15.60	H	6.83	31.61
17947.200000	41.85	54.0	12.20	H	12.64	29.21

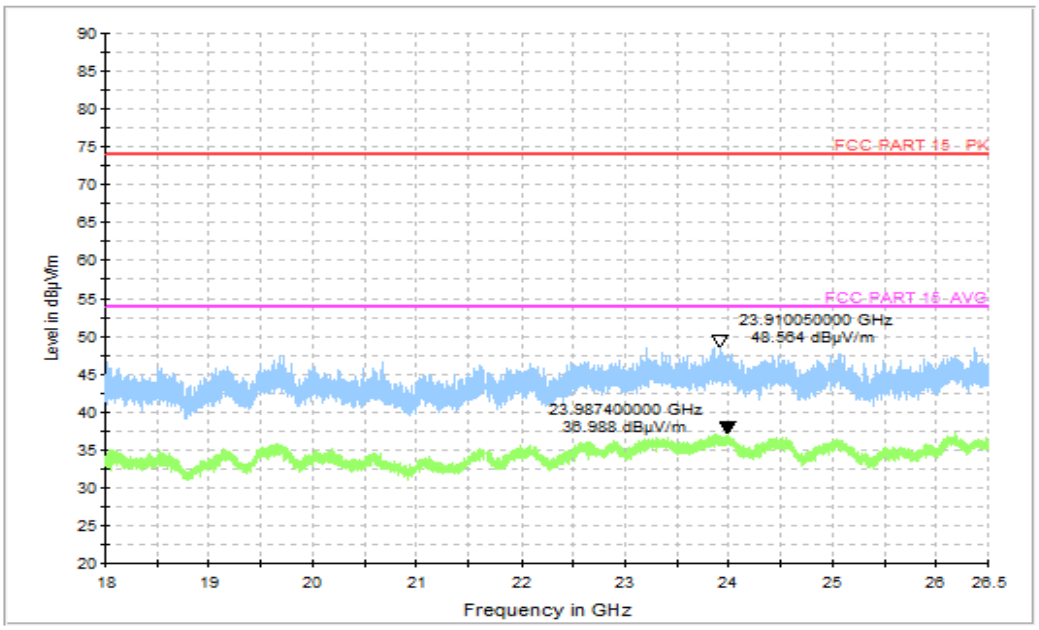


Figure A.1.23. Radiated Emission (LTE Receiver Band 17 ,18GHz to 26.5GHz)

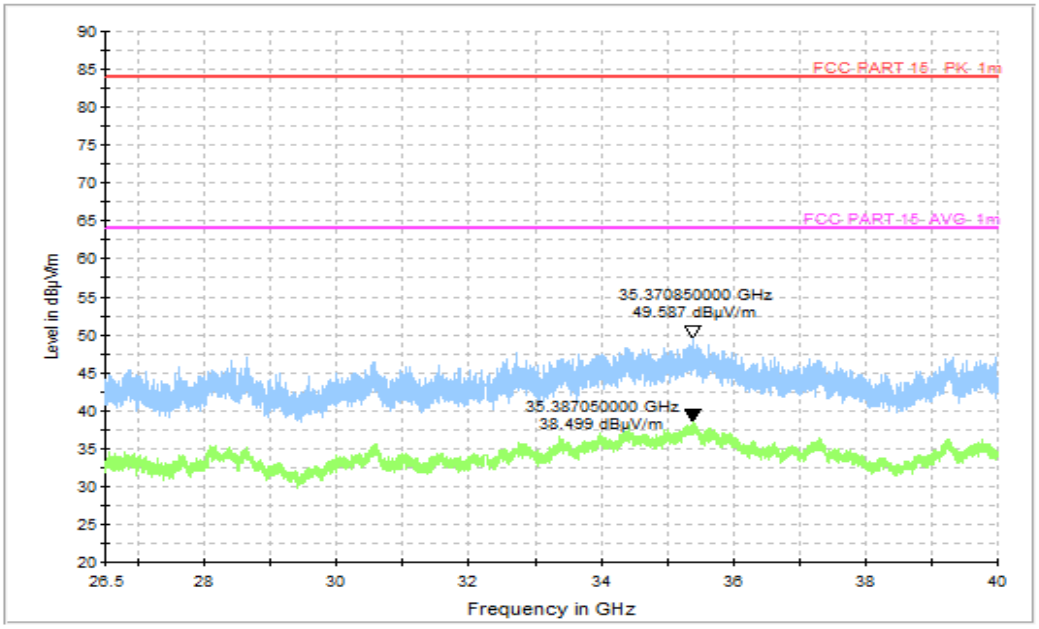


Figure A.1.24. Radiated Emission (LTE Receiver Band 17, 26.5GHz to 40GHz)

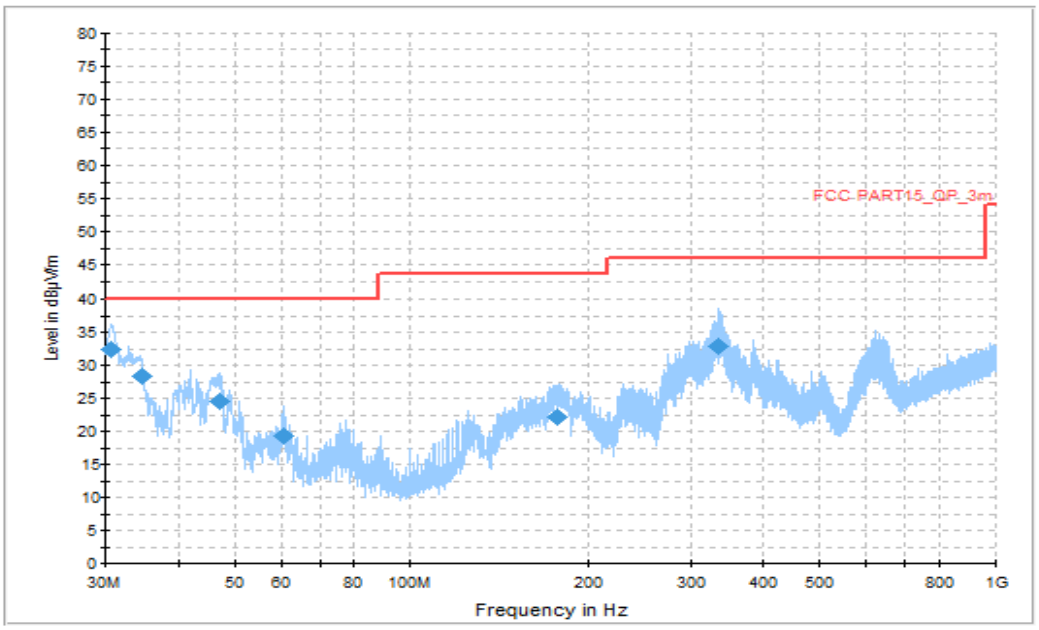


Figure A.1.25. Radiated Emission (WCDMA Receiver Band 5, 30MHz to 1GHz)

Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	ARpl (dB/m)	PMea (dBµV)
30.776000	32.3	40.0	7.7	V	-23.7	56.00
34.607500	28.4	40.0	11.6	V	-23.1	51.50
47.217500	24.5	40.0	15.5	V	-22.1	46.6
60.603500	19.2	40.0	20.8	V	-23.1	42.30
177.052000	22.1	43.5	21.5	H	-24.6	46.7
335.453000	32.8	46.0	13.2	H	-21.3	54.10

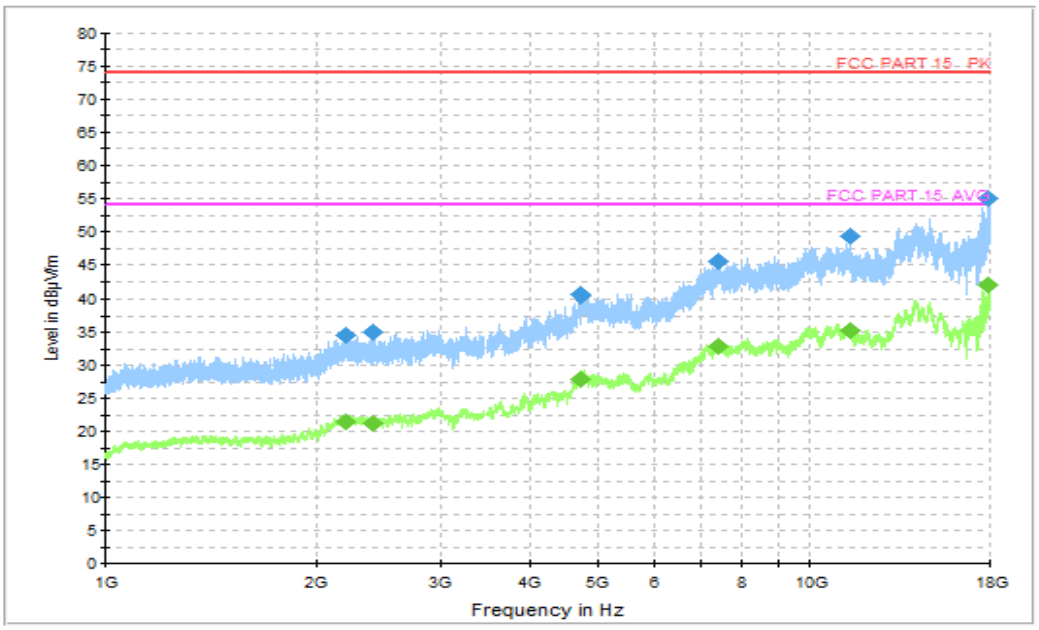


Figure A.1.26. Radiated Emission (WCDMA Receiver Band 5,1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	PMea (dBµV)
2204.400000	34.42	74.0	39.60	V	-15.96	50.38
2404.600000	34.93	74.0	39.10	H	-16.00	50.93
4709.600000	40.49	74.0	33.50	V	-7.29	47.78
7385.600000	45.46	74.0	28.50	H	-0.49	45.95
11389.000000	49.22	74.0	24.80	V	2.57	46.65
17942.800000	55.06	74.0	18.90	V	12.61	42.45

Final_Results_AVG

Frequency(MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	PMea (dBµV)
2204.400000	21.45	54.0	32.60	V	-15.96	37.41
2404.600000	21.16	54.0	32.80	H	-16.00	37.16
4709.600000	27.78	54.0	26.20	V	-7.29	35.07
7385.600000	32.76	54.0	21.20	H	-0.49	33.25
11389.000000	35.13	54.0	18.90	V	2.57	32.56
17942.800000	42.01	54.0	12.00	V	12.61	29.40

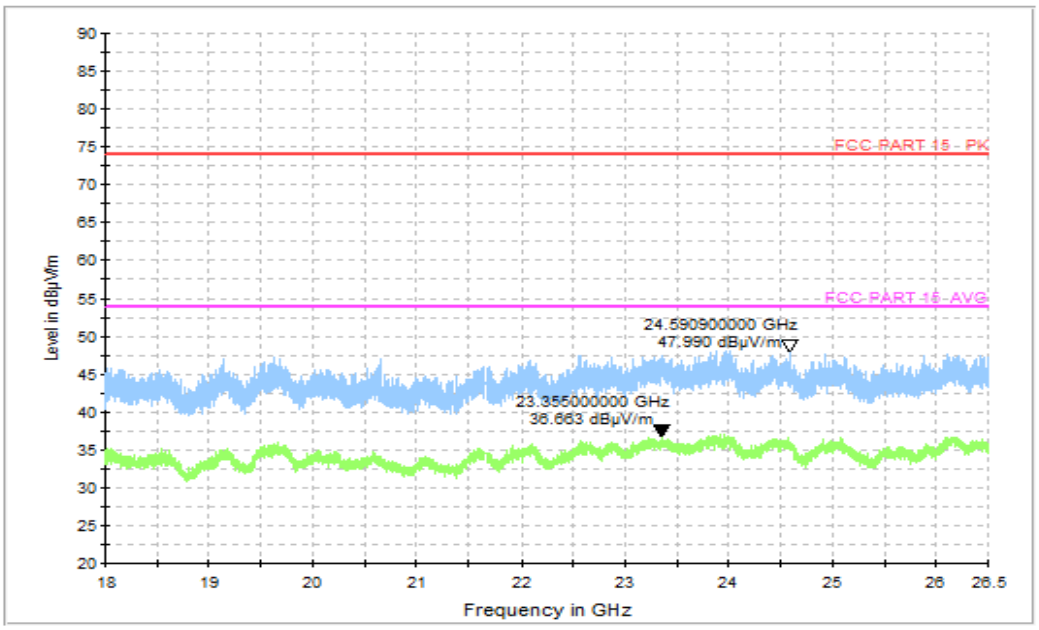


Figure A.1.27. Radiated Emission (WCDMA Receiver Band 5 ,18GHz to 26.5GHz)

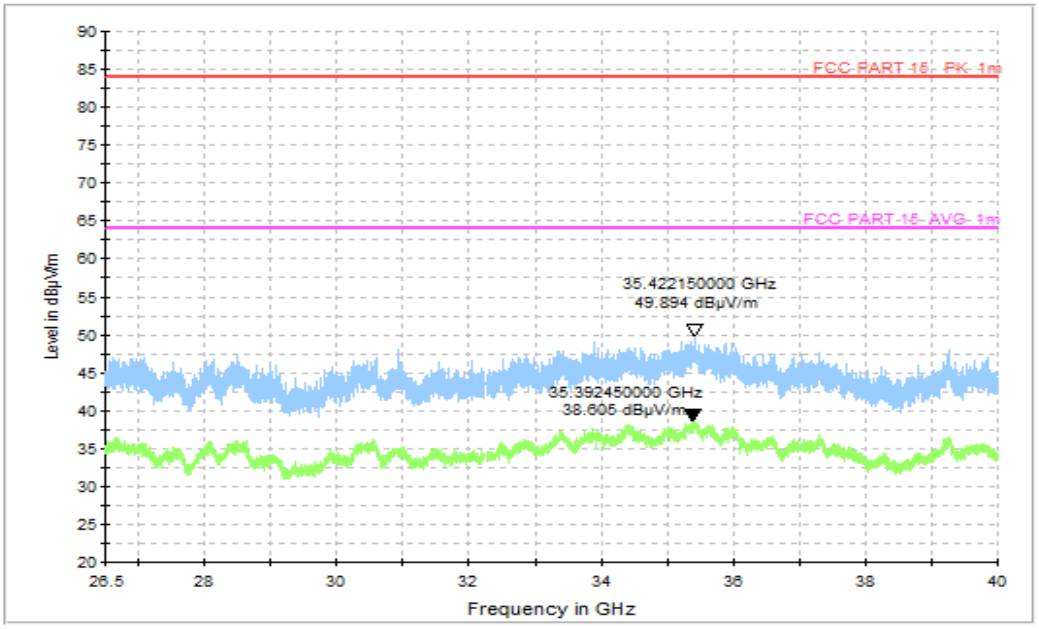


Figure A.1.28. Radiated Emission (WCDMA Receiver Band 5, 26.5GHz to 40GHz)

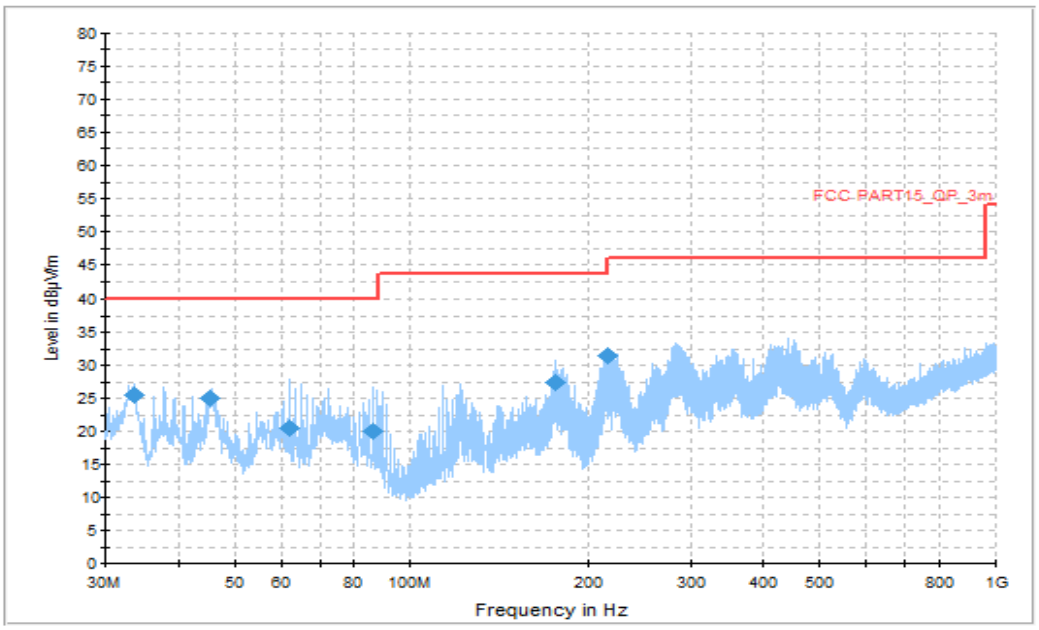


Figure A.1.29. Radiated Emission (Camera, 30MHz to 1GHz)

Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	ARpl (dB/m)	PMea (dBµV)
33.686000	25.52	40.0	14.48	V	-23.27	48.79
45.423000	24.99	40.0	15.01	V	-22.03	47.02
62.155500	20.57	40.0	19.43	V	-23.38	43.95
86.357000	20.10	40.0	19.90	V	-26.80	46.90
175.742500	27.44	43.5	16.06	H	-24.49	51.93
215.852000	31.46	43.5	12.04	H	-25.12	56.58

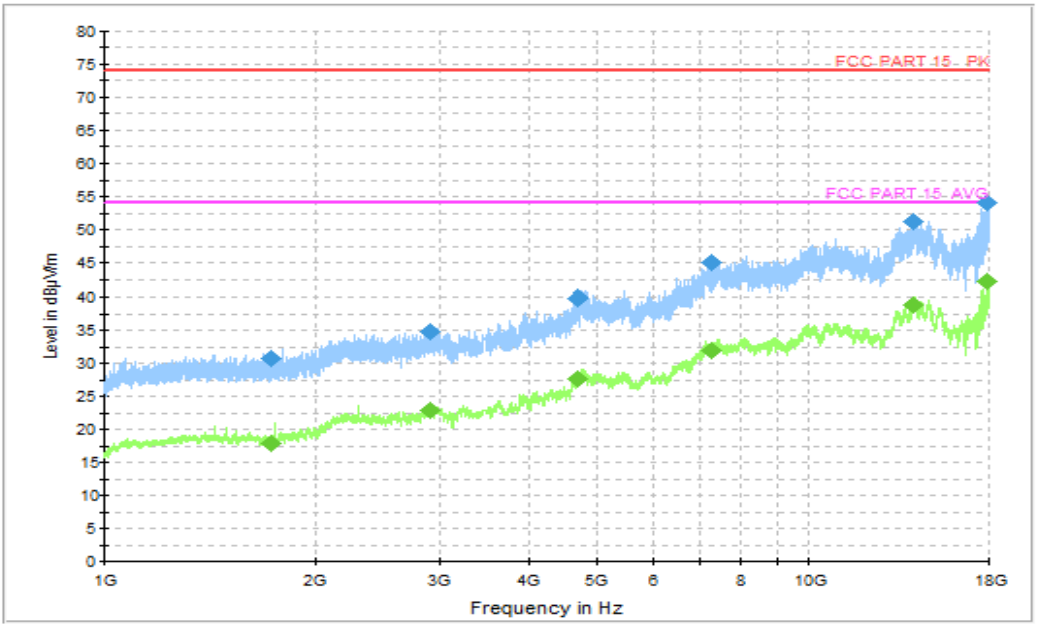


Figure A.1.30. Radiated Emission (Camera,1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	PMea (dBµV)
1723.000000	30.64	74.0	43.40	H	-19.77	50.41
2916.400000	34.80	74.0	39.20	V	-14.61	49.41
4668.800000	39.70	74.0	34.30	V	-7.79	47.49
7270.400000	44.88	74.0	29.10	H	-1.27	46.15
14086.500000	51.15	74.0	22.90	H	6.37	44.78
17942.400000	54.05	74.0	20.00	H	12.61	41.44

Final_Results_AVG

Frequency(MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	PMea (dBµV)
1723.000000	17.75	54.0	36.30	H	-19.77	37.52
2916.400000	22.87	54.0	31.10	V	-14.61	37.48
4668.800000	27.63	54.0	26.40	V	-7.79	35.42
7270.400000	31.98	54.0	22.00	H	-1.27	33.25
14086.500000	38.82	54.0	15.20	H	6.37	32.45
17942.400000	42.23	54.0	11.80	H	12.61	29.62

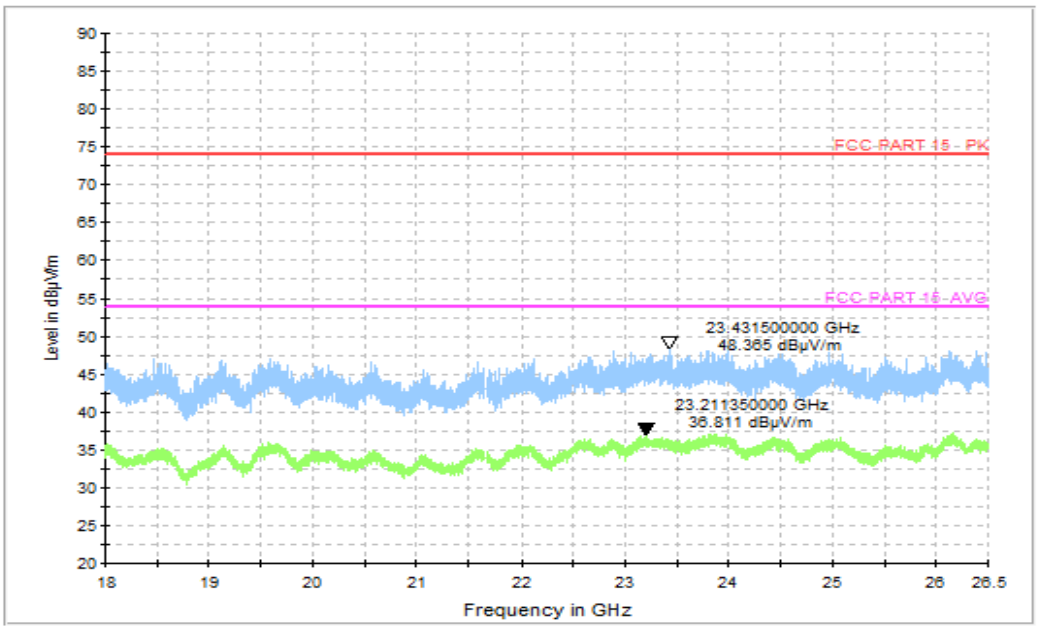


Figure A.1.31. Radiated Emission (Camera,18GHz to 26.5GHz)

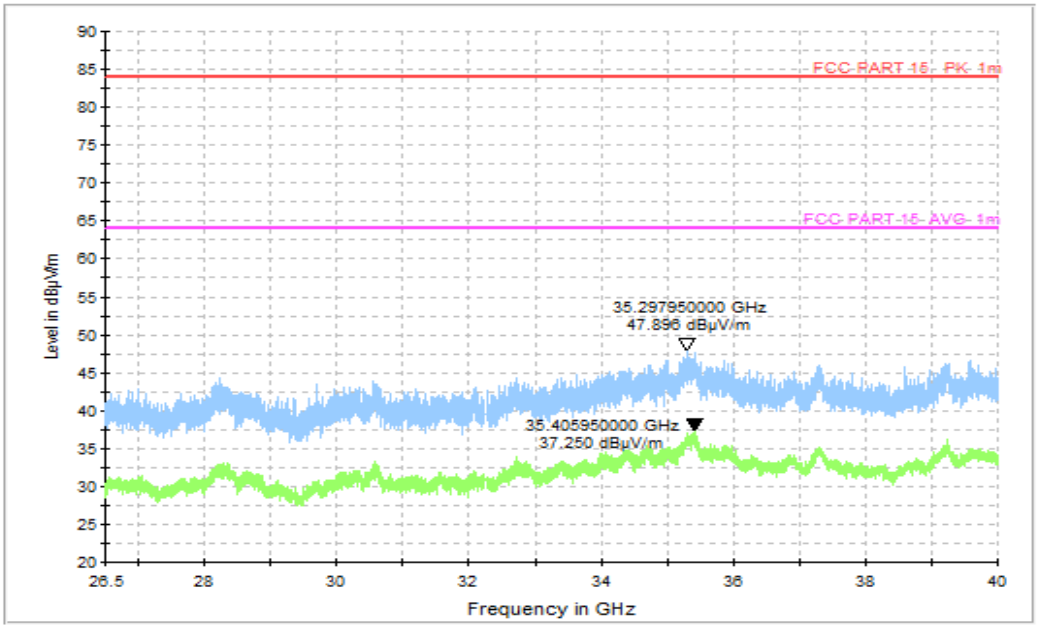


Figure A.1.32. Radiated Emission (Camera,26.5GHz to 40GHz)

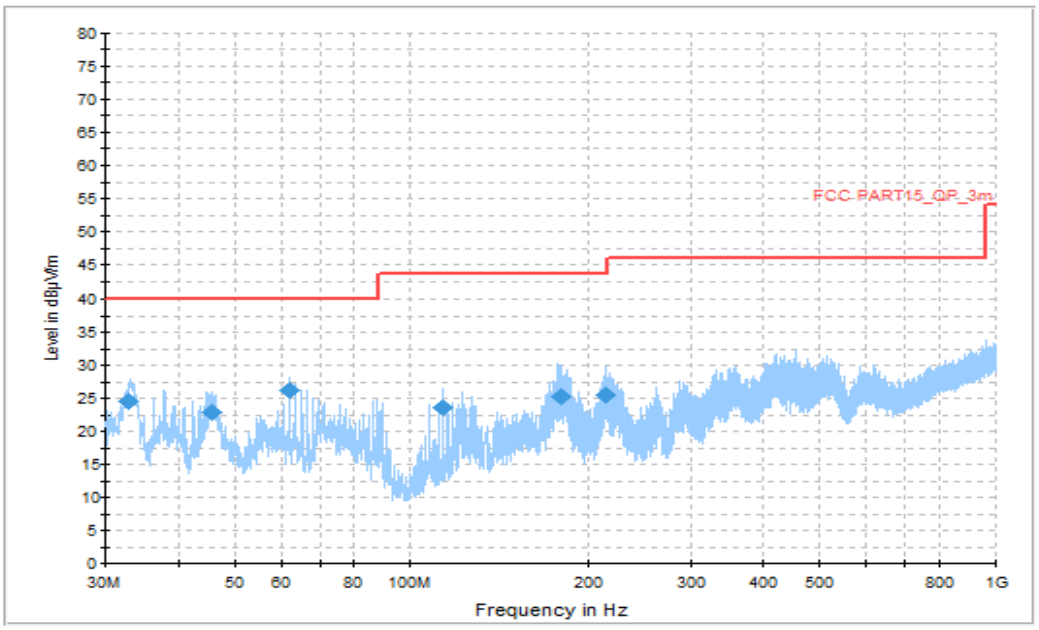


Figure A.1.33. Radiated Emission (Video Player, 30MHz to 1GHz)

Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	ARpl (dB/m)	PMea (dBµV)
32.958500	24.5	40.0	15.5	H	-23.4	47.90
45.665500	22.8	40.0	17.2	H	-22.0	44.8
62.155500	26.2	40.0	13.8	H	-23.4	49.60
113.614000	23.6	43.5	19.9	H	-24.8	48.40
180.447000	25.2	43.5	18.3	H	-24.9	50.1
214.203000	25.4	43.5	18.1	H	-25.2	50.60

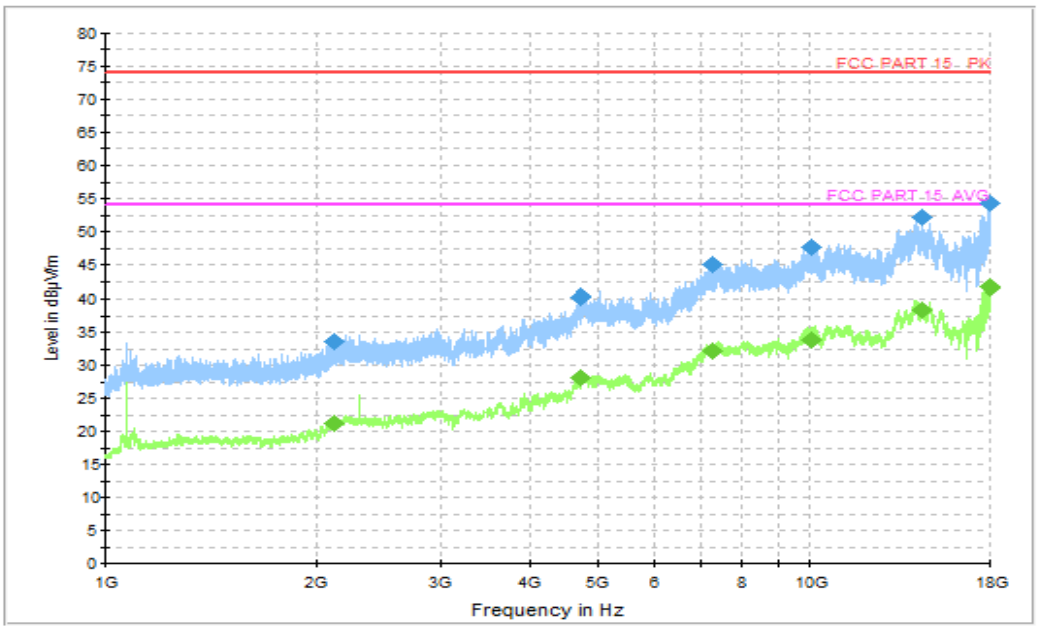


Figure A.1.34. Radiated Emission (Video Player, 1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	PMea (dBµV)
2116.000000	33.58	74.0	40.40	H	-16.71	50.29
4722.400000	40.16	74.0	33.80	H	-7.20	47.36
7267.200000	45.12	74.0	28.90	V	-1.30	46.42
10052.000000	47.51	74.0	26.50	V	1.58	45.93
14451.000000	52.21	74.0	21.80	V	5.86	46.35
17957.600000	54.40	74.0	19.60	V	12.69	41.71

Final_Results_AVG

Frequency(MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	PMea (dBµV)
2116.000000	21.08	54.0	32.90	H	-16.71	37.79
4722.400000	28.00	54.0	26.00	H	-7.20	35.2
7267.200000	32.06	54.0	21.90	V	-1.30	33.36
10052.000000	33.78	54.0	20.20	V	1.58	32.20
14451.000000	38.26	54.0	15.70	V	5.86	32.4
17957.600000	41.78	54.0	12.20	V	12.69	29.09

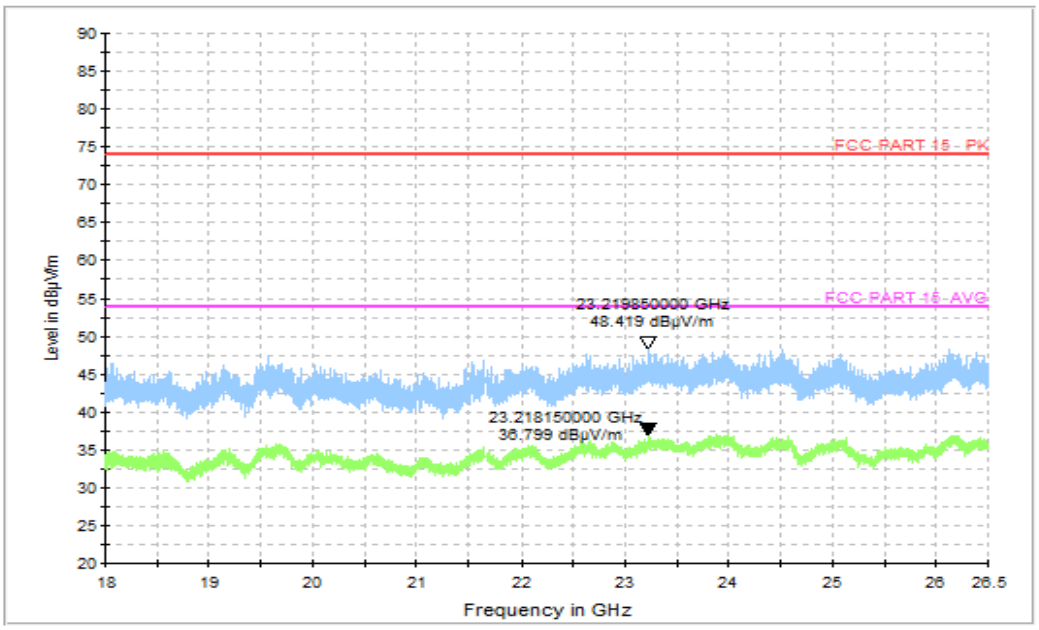


Figure A.1.35. Radiated Emission (Video Player,18GHz to 26.5GHz)

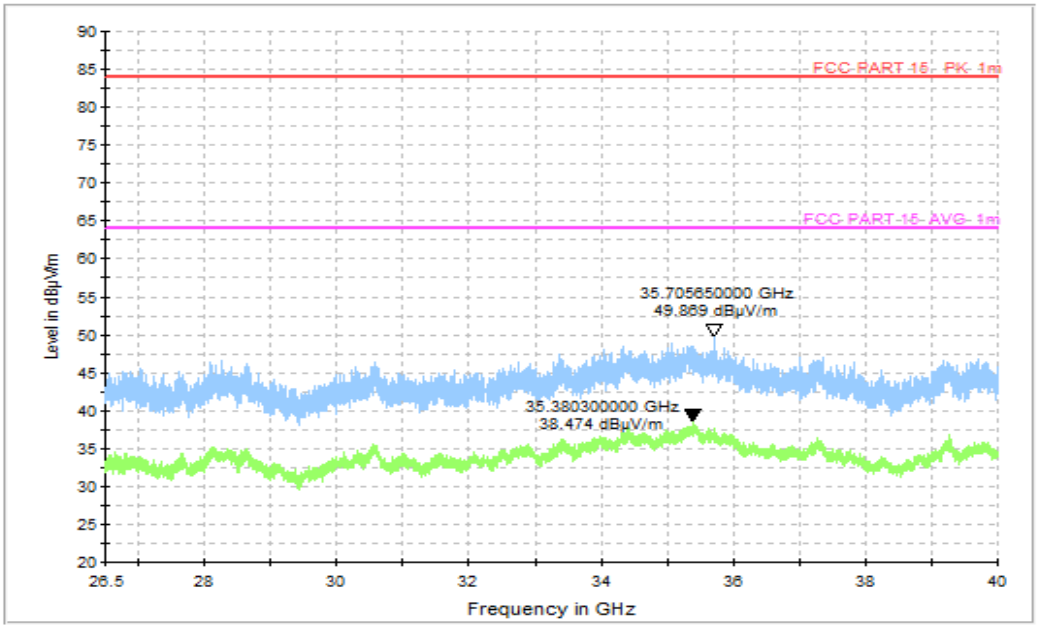
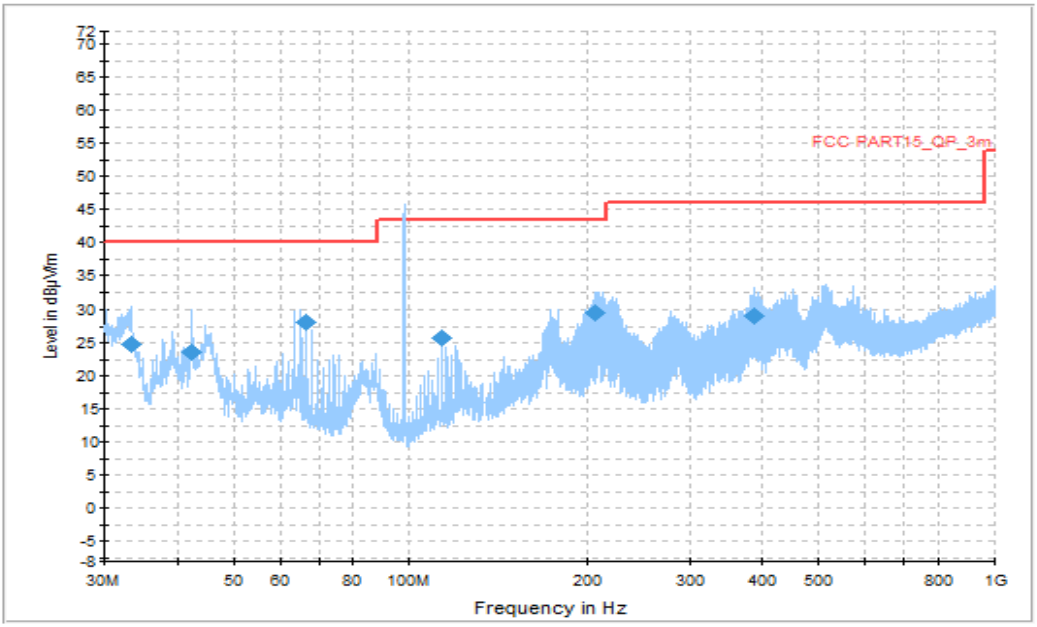


Figure A.1.36. Radiated Emission (Video Player, 26.5GHz to 40GHz)



Note: the spike over the limit is coming from the traffic carrier.

Figure A.1.37. Radiated Emission (FM receiver, 30MHz to 1GHz)

Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	ARpl (dB/m)	PMea (dBµV)
33.298000	24.85	40.0	15.15	V	-23.32	48.17
42.416000	23.57	40.0	16.43	V	-21.92	45.49
66.666000	28.08	40.0	11.92	V	-24.13	52.21
113.662500	25.76	43.5	17.84	H	-24.77	50.53
206.103500	29.66	43.5	13.84	H	-25.46	55.12
387.542000	29.26	46.0	16.74	H	-19.62	48.88

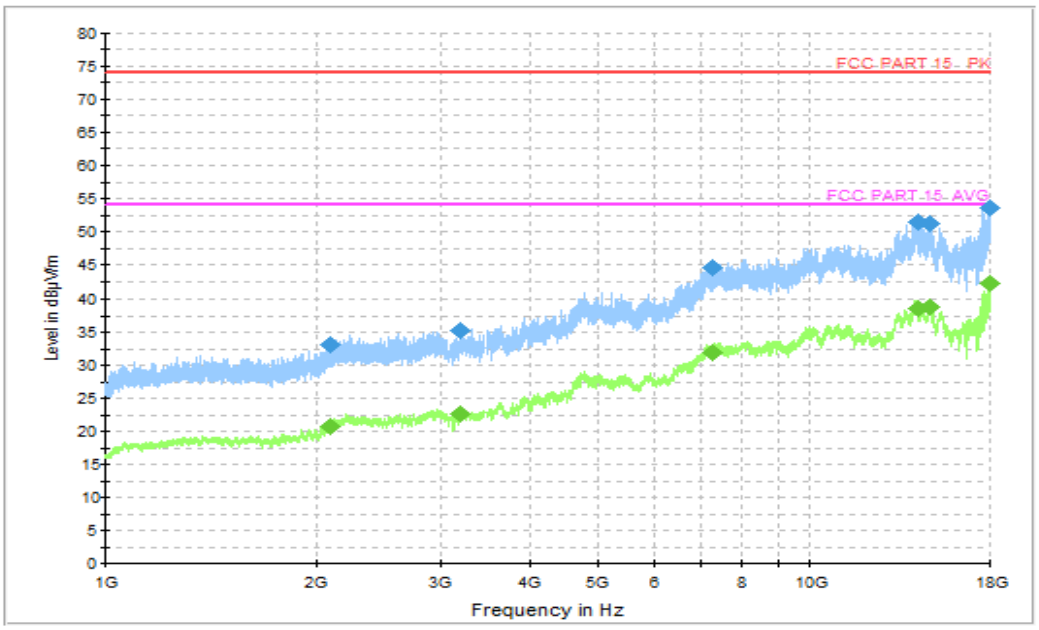


Figure A.1.38. Radiated Emission (FM receiver,1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	PMea (dBµV)
2092.200000	33.20	74.0	40.80	V	-16.98	50.18
3205.600000	35.31	74.0	38.70	H	-13.75	49.06
7252.000000	44.52	74.0	29.50	H	-1.40	45.92
14209.500000	51.52	74.0	22.50	H	7.24	44.28
14783.000000	51.08	74.0	22.90	H	6.70	44.38
17945.200000	53.45	74.0	20.50	V	12.63	40.82

Final_Results_AVG

Frequency(MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	PMea (dBµV)
2092.200000	20.63	54.0	33.40	V	-16.98	37.61
3205.600000	22.61	54.0	31.40	H	-13.75	36.36
7252.000000	31.80	54.0	22.20	H	-1.40	33.20
14209.500000	38.62	54.0	15.40	H	7.24	31.38
14783.000000	38.77	54.0	15.20	H	6.70	32.07
17945.200000	42.19	54.0	11.80	V	12.63	29.56

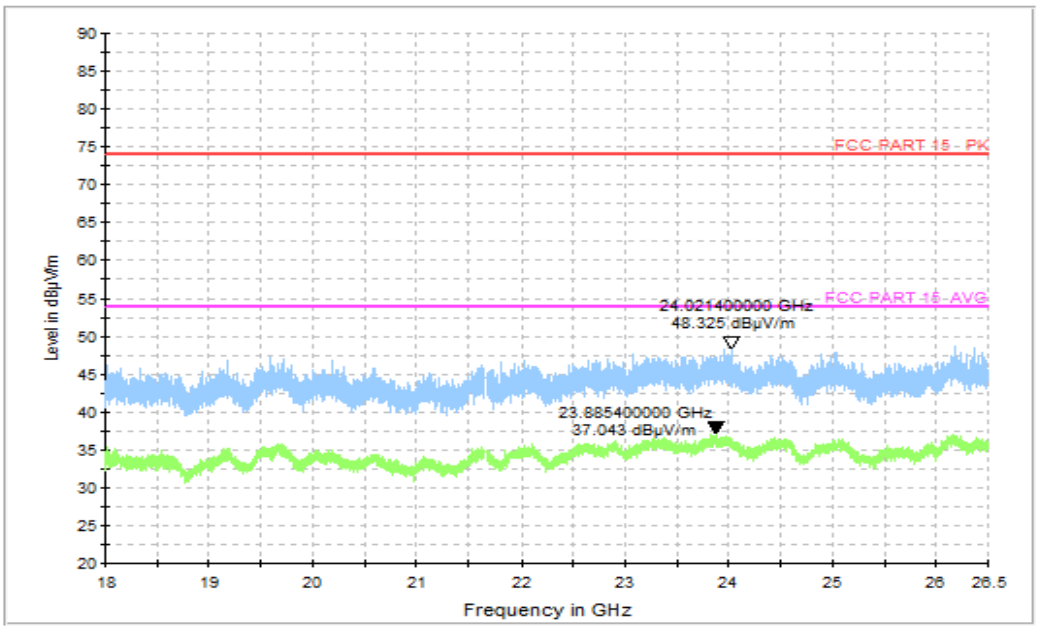


Figure A.1.39. Radiated Emission (FM receiver ,18GHz to 26.5GHz)

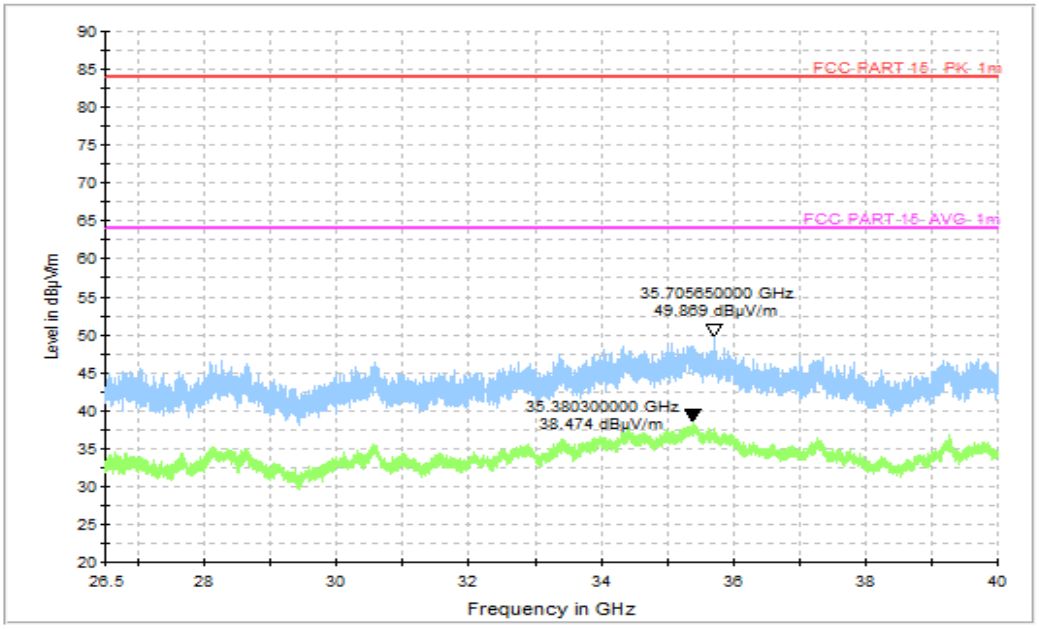
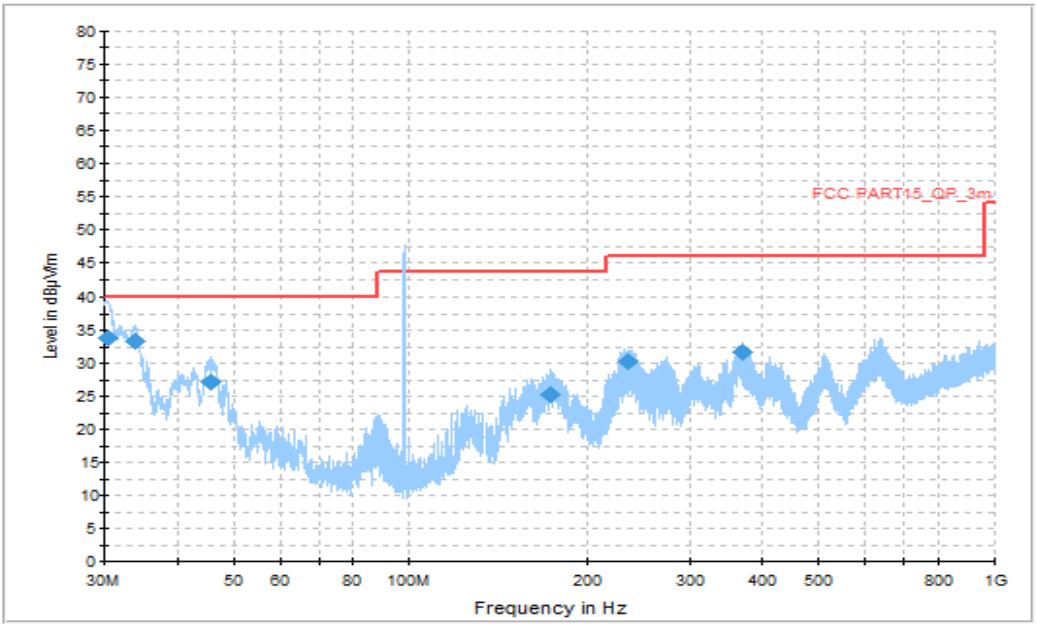


Figure A.1.40. Radiated Emission (FM receiver, 26.5GHz to 40GHz)



Note: the spike over the limit is coming from the traffic carrier.

Figure A.1.41. Radiated Emission (FM receiver, 30MHz to 1GHz)

Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	ARpl (dB/m)	PMea (dBµV)
30.533500	33.9	40.0	6.1	H	-23.7	57.60
33.928500	33.4	40.0	6.6	H	-23.2	56.6
45.568500	27.1	40.0	12.9	V	-22.0	49.10
172.978000	25.3	43.5	18.3	H	-24.2	49.50
235.446000	30.2	46.0	15.8	V	-23.9	54.1
370.276000	31.7	46.0	14.4	H	-20.1	51.80

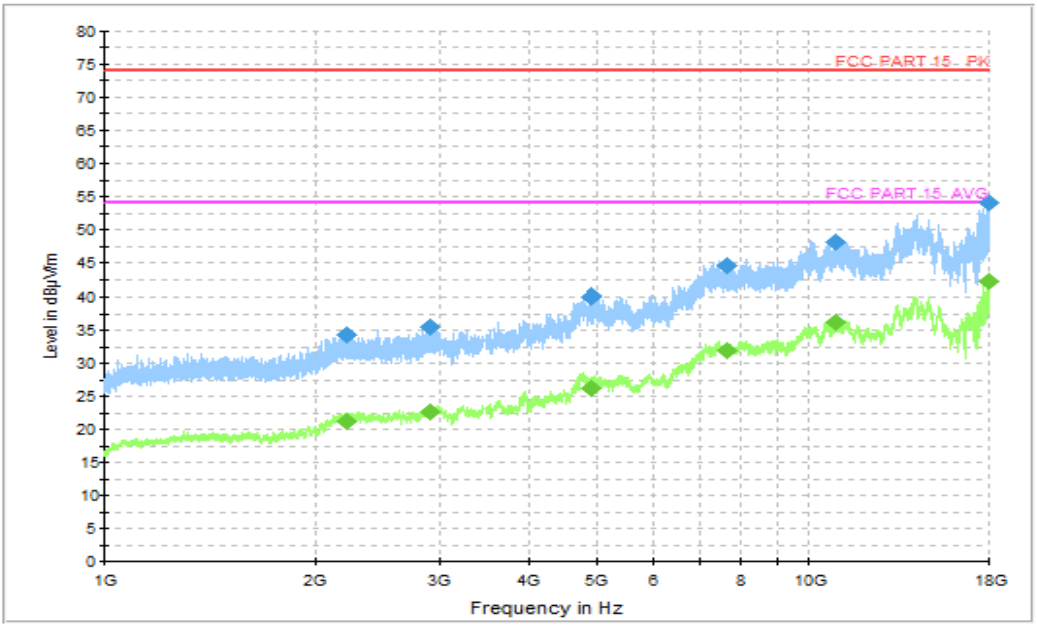


Figure A.1.42. Radiated Emission (FM receiver,1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	PMea (dBµV)
2216.200000	34.2	74.0	39.8	H	-16.0	50.20
2909.400000	35.6	74.0	38.4	H	-14.6	50.2
4892.800000	40.0	74.0	34.0	V	-7.4	47.40
7632.800000	44.6	74.0	29.4	V	-1.2	45.80
10924.800000	48.1	74.0	25.9	H	2.2	45.9
17943.200000	54.0	74.0	20.0	H	12.6	41.40

Final_Results_AVG

Frequency(MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	PMea (dBµV)
2216.200000	21.3	54.0	32.7	H	-16.0	37.30
2909.400000	22.6	54.0	31.4	H	-14.6	37.2
4892.800000	26.2	54.0	27.8	V	-7.4	33.60
7632.800000	31.8	54.0	22.2	V	-1.2	33.00
10924.800000	36.2	54.0	17.8	H	2.2	34
17943.200000	42.1	54.0	11.9	H	12.6	29.50

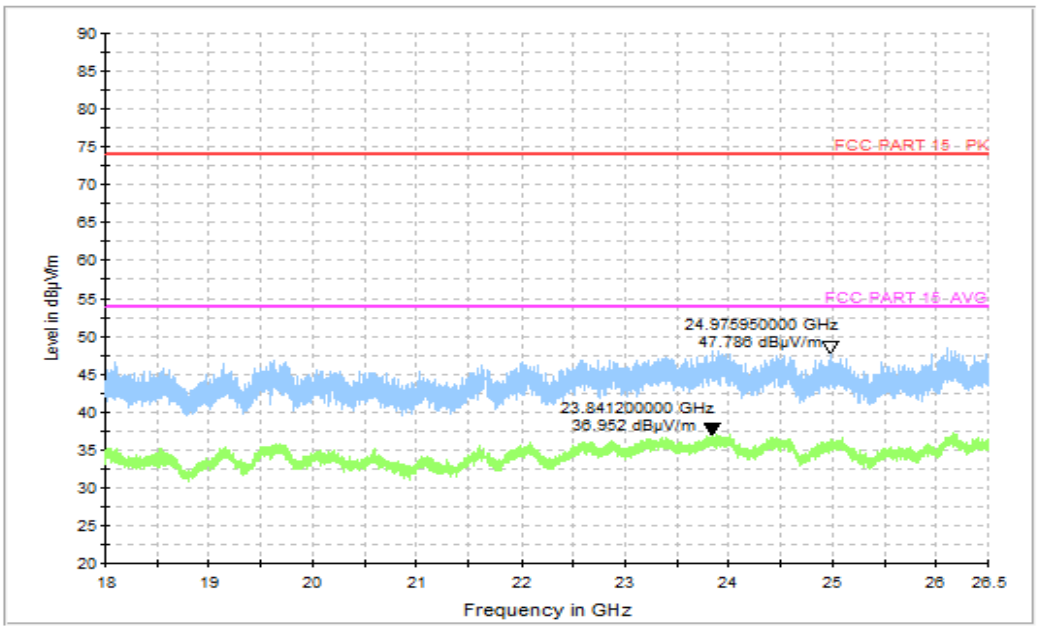


Figure A.1.43. Radiated Emission (FM receiver ,18GHz to 26.5GHz)

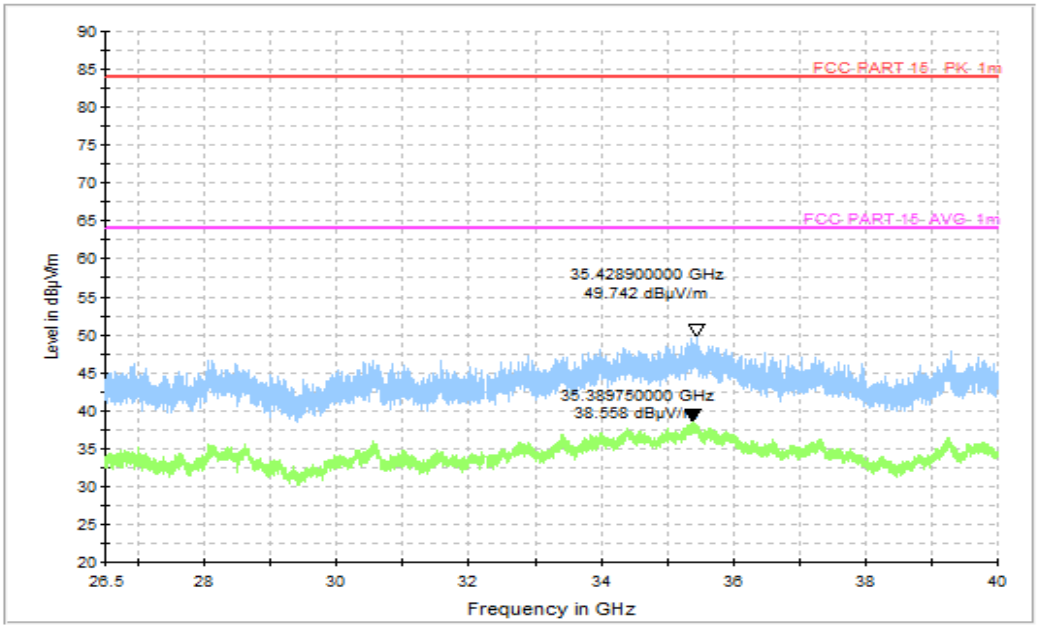


Figure A.1.44. Radiated Emission (FM receiver, 26.5GHz to 40GHz)

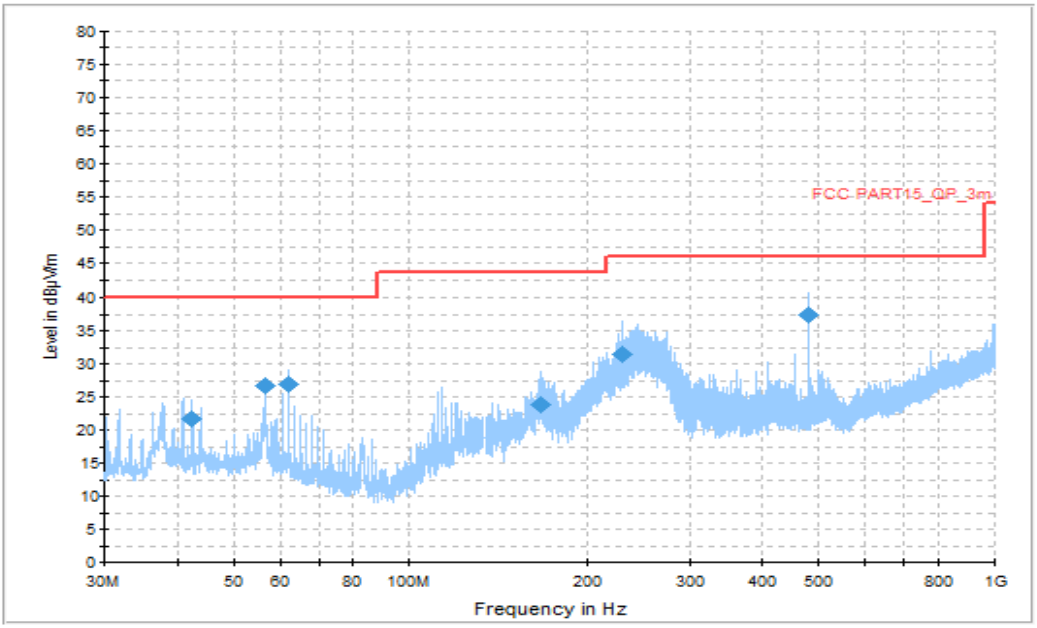


Figure A.1.45. Radiated Emission (Data Transfer: EUT to PC,30MHz to 1GHz)

Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	ARpl (dB/m)	PMea (dBµV)
42.416000	21.66	40.0	18.30	V	-21.92	43.58
56.675000	26.64	40.0	13.40	V	-22.75	49.39
62.155500	26.93	40.0	13.10	V	-23.38	50.31
166.818500	23.84	43.5	19.70	V	-23.54	47.38
229.577500	31.51	46.0	14.50	H	-24.27	55.78
480.031500	37.48	46.0	8.50	H	-17.39	54.87

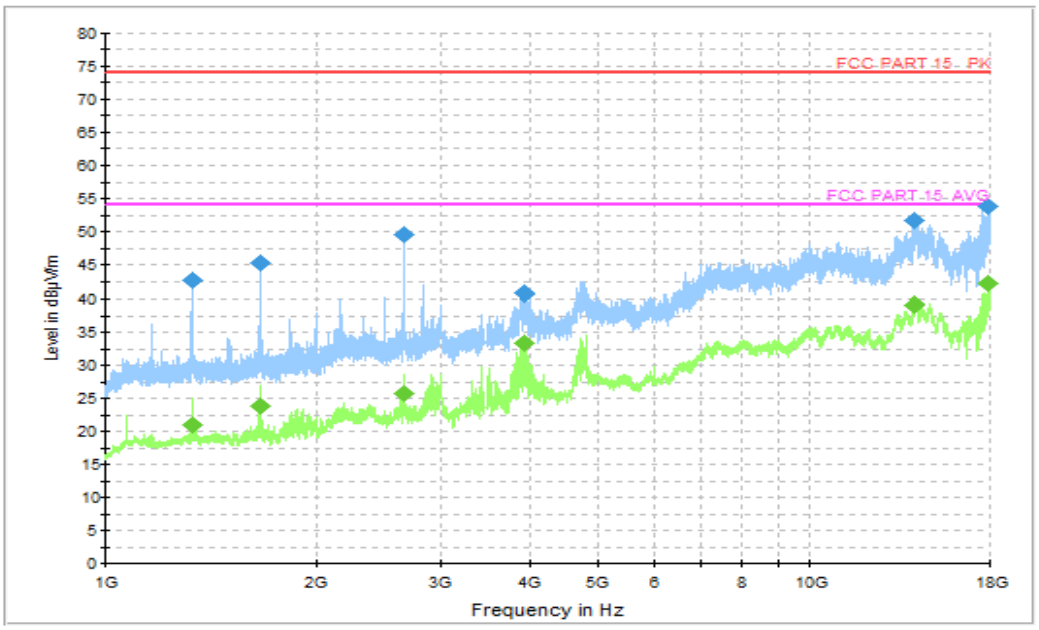


Figure A.1.46. Radiated Emission (Data Transfer: EUT to PC,1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	PMea (dBµV)
1328.000000	42.57	74.0	31.40	V	-19.93	62.50
1664.800000	45.13	74.0	28.90	V	-19.82	64.95
2654.200000	49.46	74.0	24.50	V	-15.42	64.88
3914.400000	40.60	74.0	33.40	V	-10.80	51.40
14035.500000	51.66	74.0	22.30	V	5.99	45.67
17940.800000	53.82	74.0	20.20	H	12.60	41.22

Final_Results_AVG

Frequency(MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	PMea (dBµV)
1329.000000	20.88	54.0	33.10	V	-19.93	40.81
1661.800000	23.70	54.0	30.30	V	-19.82	43.52
2654.200000	25.61	54.0	28.40	V	-15.42	41.03
3914.400000	33.42	54.0	20.60	V	-10.80	44.22
14035.500000	39.00	54.0	15.00	V	5.99	33.01
17940.800000	42.21	54.0	11.80	H	12.60	29.61

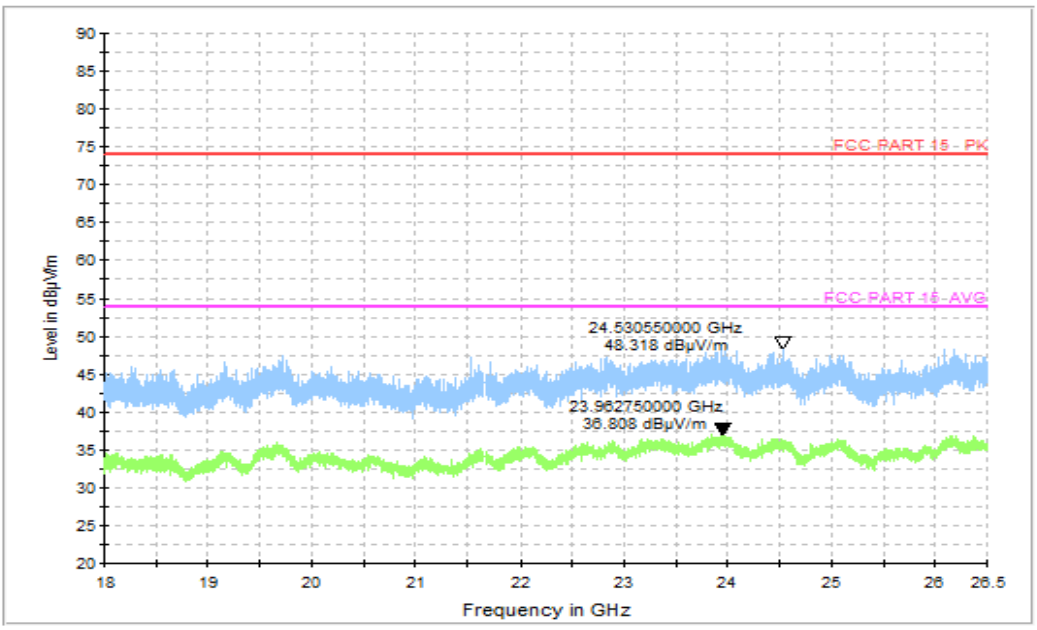


Figure A.1.47. Radiated Emission (Data Transfer: EUT to PC,18GHz to 26.5GHz)

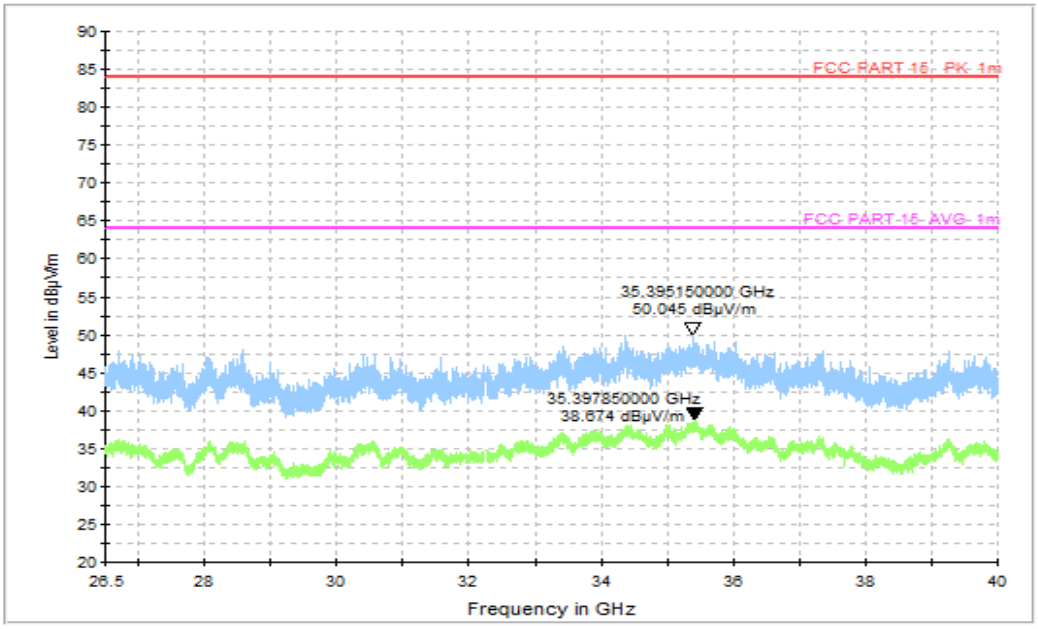


Figure A.1.48. Radiated Emission (Data Transfer: EUT to PC, 26.5GHz to 40GHz)

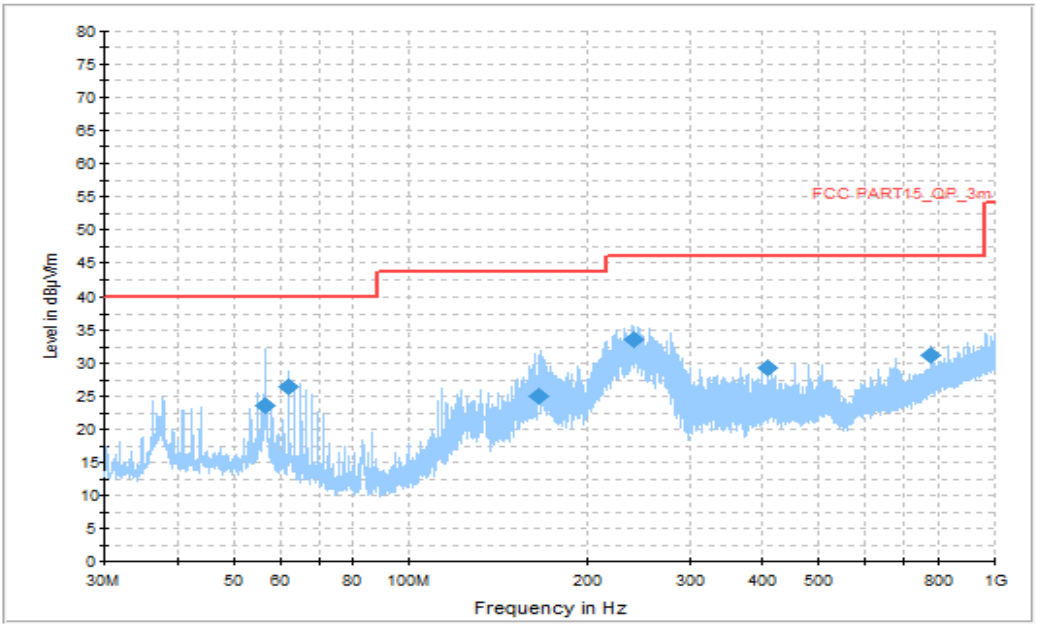


Figure A.1.49. Radiated Emission (Data Transfer: PC to EUT,30MHz to 1GHz)

Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	ARpl (dB/m)	PMea (dBµV)
56.675000	23.69	40.0	16.30	V	-22.75	46.44
62.155500	26.50	40.0	13.50	V	-23.38	49.88
165.751500	25.09	43.5	18.40	V	-23.42	48.51
240.247500	33.68	46.0	12.30	H	-23.59	57.27
408.009000	29.38	46.0	16.60	H	-18.94	48.32
775.057000	31.19	46.0	14.80	V	-11.66	48.32

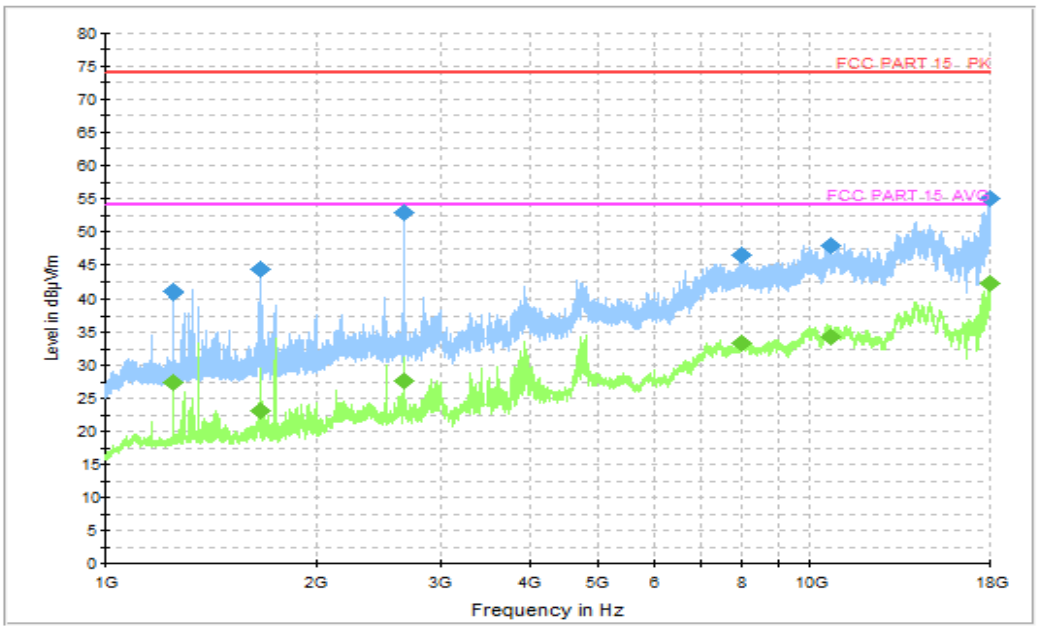


Figure A.1.50. Radiated Emission (Data Transfer: PC to EUT,1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	PMea (dBµV)
1246.000000	40.85	74.0	33.20	V	-20.37	61.22
1659.200000	44.35	74.0	29.70	V	-19.83	64.18
2657.000000	52.88	74.0	21.10	V	-15.42	68.30
8007.200000	46.39	74.0	27.60	H	-0.67	47.06
10698.400000	47.80	74.0	26.20	V	2.01	45.79
17944.000000	55.05	74.0	19.00	H	12.62	42.43

Final_Results_AVG

Frequency(MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	PMea (dBµV)
1246.000000	27.29	54.0	26.70	V	-20.37	47.66
1659.200000	23.19	54.0	30.80	V	-19.83	43.02
2657.000000	27.72	54.0	26.30	V	-15.42	43.14
8007.200000	33.40	54.0	20.60	H	-0.67	34.07
10698.400000	34.33	54.0	19.70	V	2.01	32.32
17944.000000	42.23	54.0	11.80	H	12.62	29.61

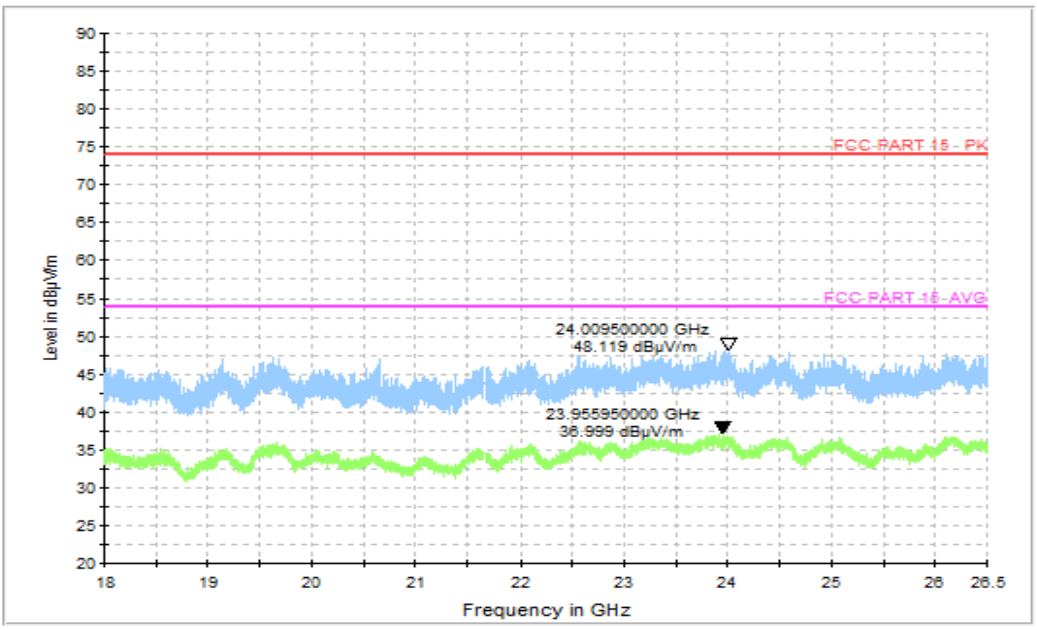


Figure A.1.51. Radiated Emission (Data Transfer: PC to EUT,18GHz to 26.5GHz)

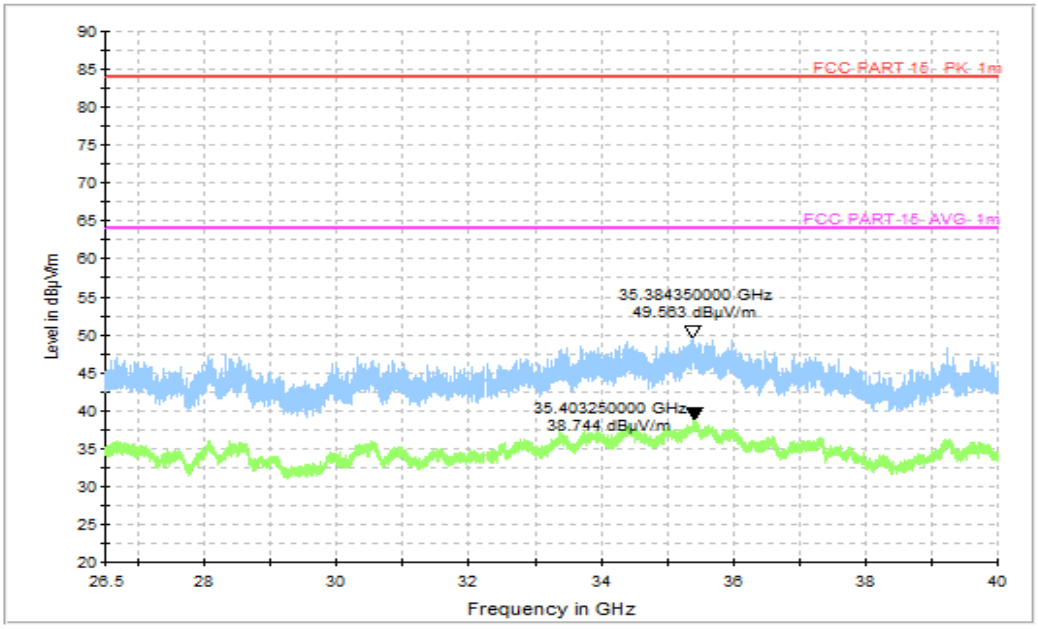


Figure A.1.52. Radiated Emission (Data Transfer: PC to EUT,26.5GHz to 40GHz)

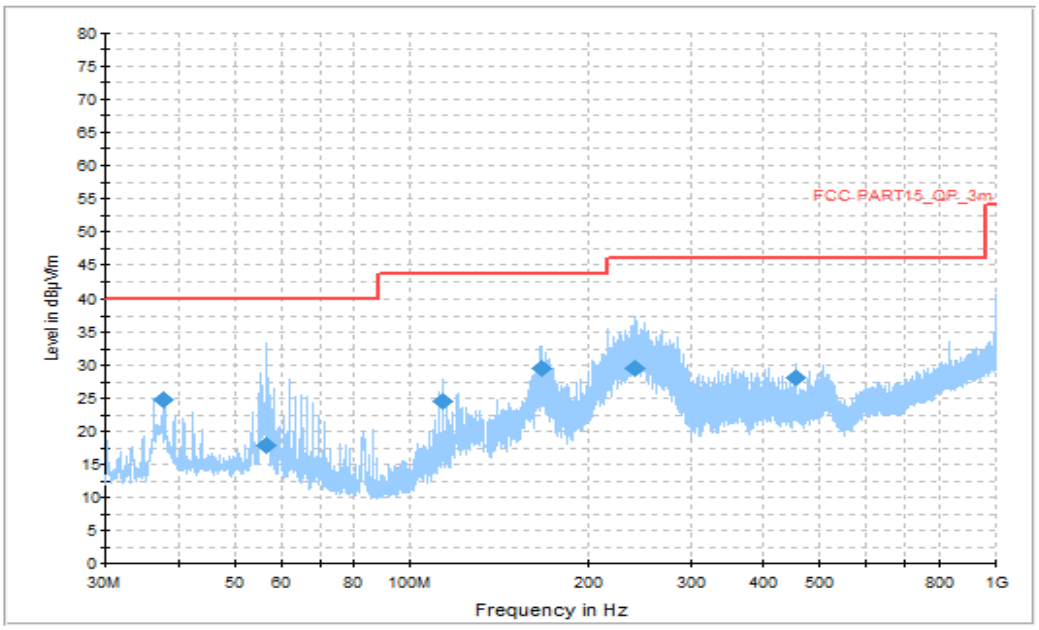


Figure A.1.53. Radiated Emission (Data Transfer: PC to TF Card,30MHz to 1GHz)

Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	ARpl (dB/m)	PMea (dBµV)
37.857000	24.77	40.0	15.20	V	-22.37	47.14
56.772000	17.74	40.0	22.30	V	-22.75	40.49
113.614000	24.58	43.5	18.90	H	-24.78	49.36
167.206500	29.49	43.5	14.00	H	-23.58	53.07
241.508500	29.44	46.0	16.60	H	-23.60	53.04
455.975500	28.03	46.0	18.00	V	-17.86	45.89

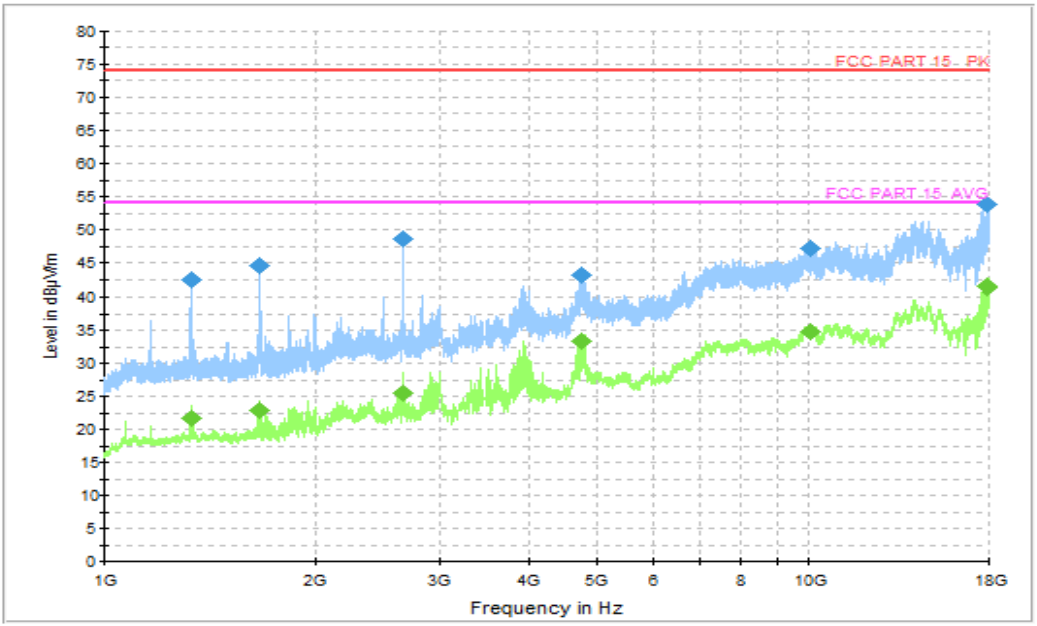


Figure A.1.54. Radiated Emission (Data Transfer: PC to TF Card,1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	PMea (dBµV)
1329.000000	42.35	74.0	31.60	V	-19.93	62.28
1660.600000	44.58	74.0	29.40	V	-19.83	64.41
2655.200000	48.47	74.0	25.50	V	-15.42	63.89
4750.400000	43.01	74.0	31.00	V	-7.01	50.02
10005.600000	47.23	74.0	26.80	H	1.81	45.42
17931.600000	53.92	74.0	20.10	V	12.56	41.36

Final_Results_AVG

Frequency(MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	PMea (dBµV)
1329.600000	21.63	54.0	32.40	V	-19.93	41.56
1660.600000	22.85	54.0	31.10	V	-19.83	42.68
2655.200000	25.53	54.0	28.50	V	-15.42	40.95
4750.400000	33.42	54.0	20.60	V	-7.01	40.43
10005.600000	34.86	54.0	19.10	H	1.81	33.05
17931.600000	41.33	54.0	12.70	V	12.56	28.77

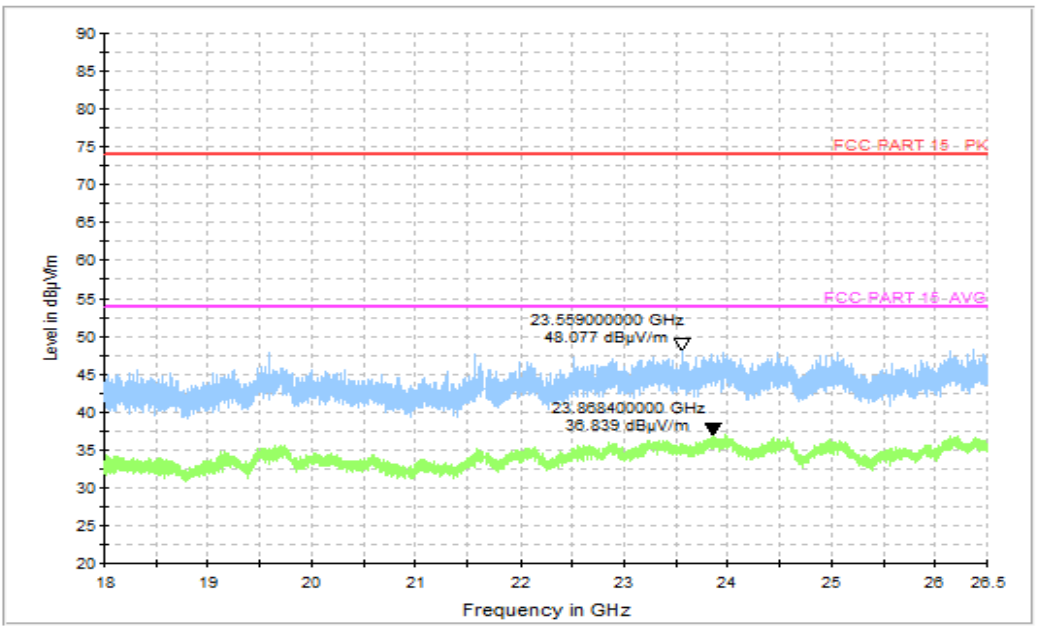


Figure A.1.55. Radiated Emission (Data Transfer: PC to TF Card,18GHz to 26.5GHz)

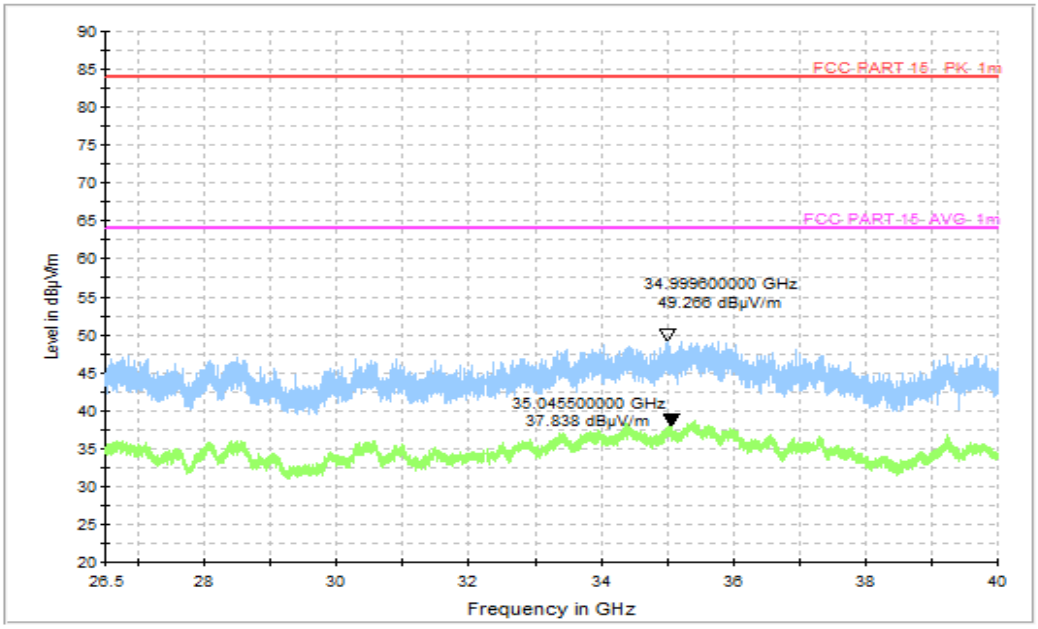


Figure A.1.56. Radiated Emission (Data Transfer: PC to TF Card, 26.5GHz to 40GHz)

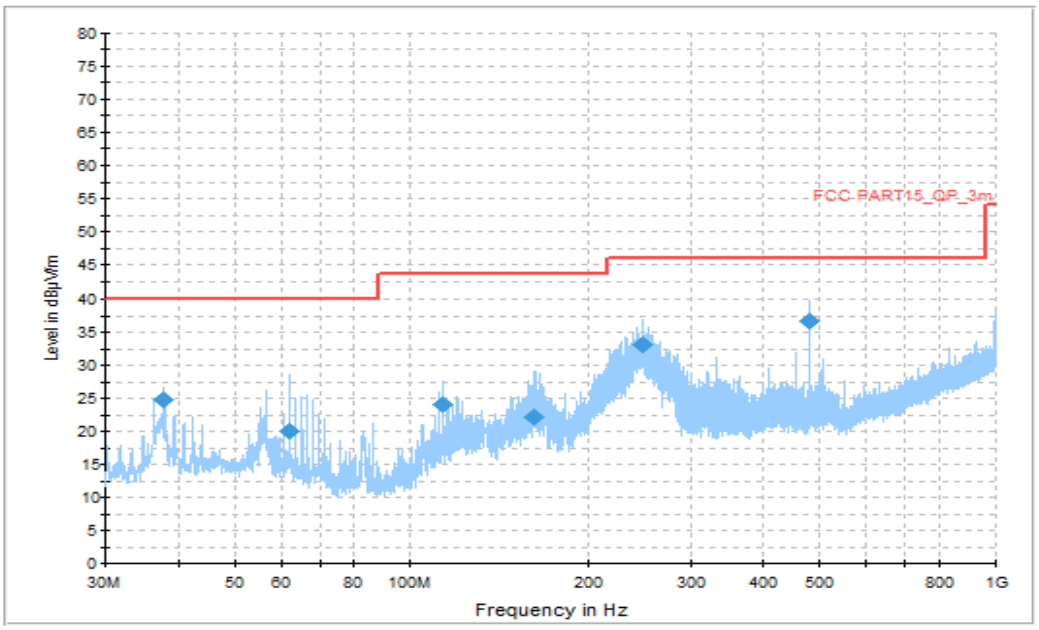


Figure A.1.57. Radiated Emission (Data Transfer: TF Card to PC,30MHz to 1GHz)

Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	ARpl (dB/m)	PMea (dBµV)
37.857000	24.76	40.0	15.20	H	-22.37	47.13
62.058500	19.99	40.0	20.00	H	-23.36	43.35
113.614000	24.06	43.5	19.50	H	-24.78	48.84
162.259500	22.12	43.5	21.40	H	-23.02	45.14
247.910500	33.12	46.0	12.90	H	-23.68	56.8
479.983000	36.68	46.0	9.30	H	-17.39	54.07

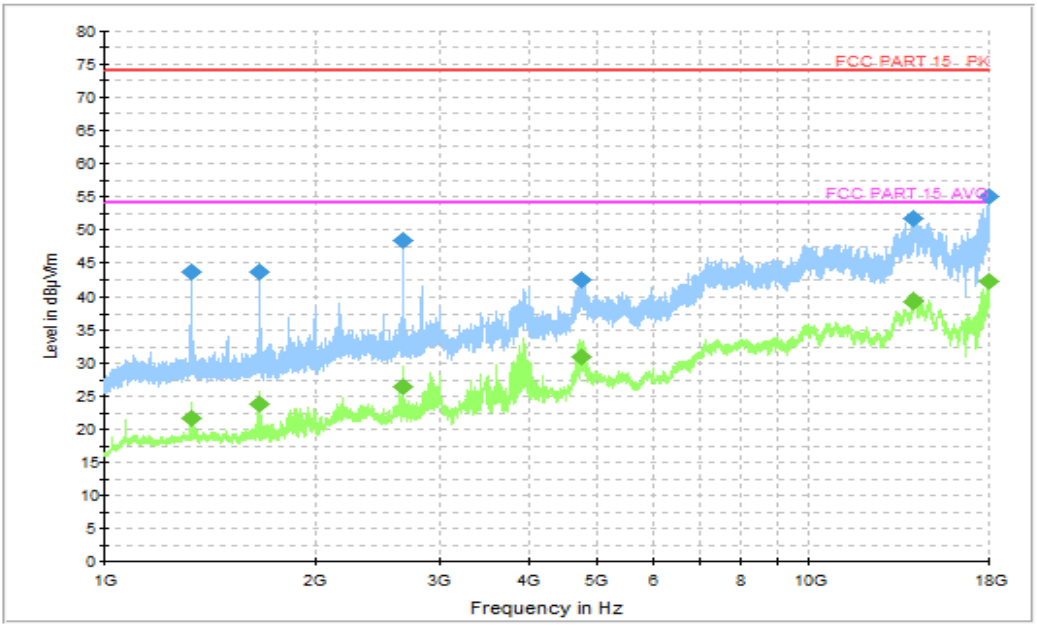


Figure A.1.58. Radiated Emission (Data Transfer: TF Card to PC,1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	PMea (dBµV)
1332.600000	43.57	74.0	30.40	V	-19.94	63.51
1665.200000	43.66	74.0	30.30	V	-19.82	63.48
2656.600000	48.43	74.0	25.60	V	-15.42	63.85
4743.200000	42.43	74.0	31.60	V	-7.06	49.49
14065.500000	51.76	74.0	22.20	H	6.22	45.54
17946.000000	54.91	74.0	19.10	H	12.63	42.28

Final_Results_AVG

Frequency(MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	PMea (dBµV)
1332.600000	21.55	54.0	32.40	V	-19.94	41.49
1665.200000	23.81	54.0	30.20	V	-19.82	43.63
2656.600000	26.43	54.0	27.60	V	-15.42	41.85
4743.200000	31.04	54.0	23.00	V	-7.06	38.10
14065.500000	39.36	54.0	14.60	H	6.22	33.14
17946.000000	42.06	54.0	11.90	H	12.63	29.43

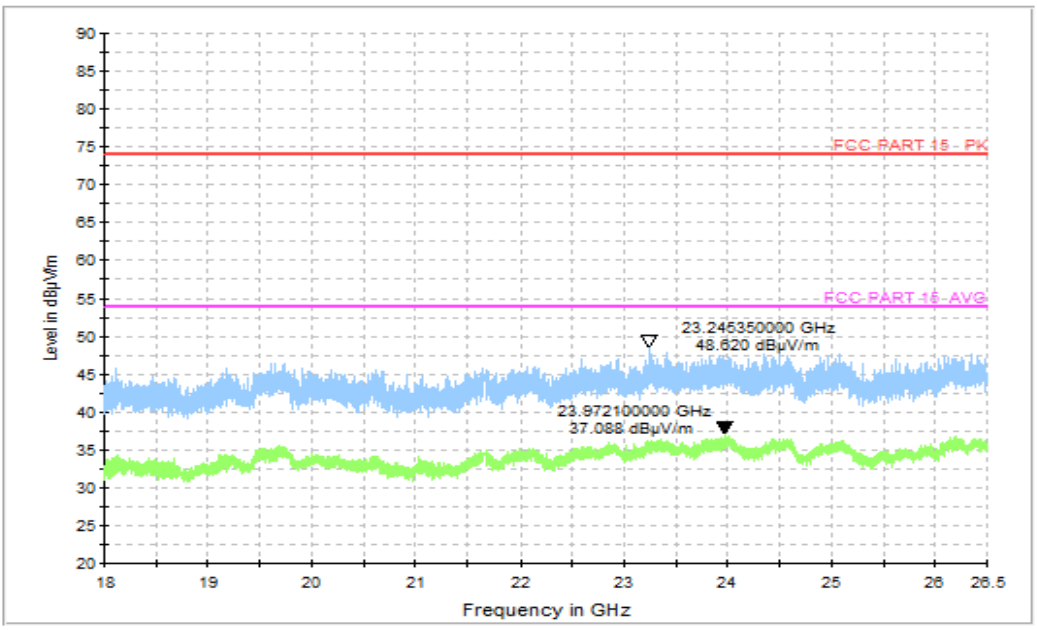


Figure A.1.59. Radiated Emission (Data Transfer: TF Card to PC,18GHz to 26.5GHz)

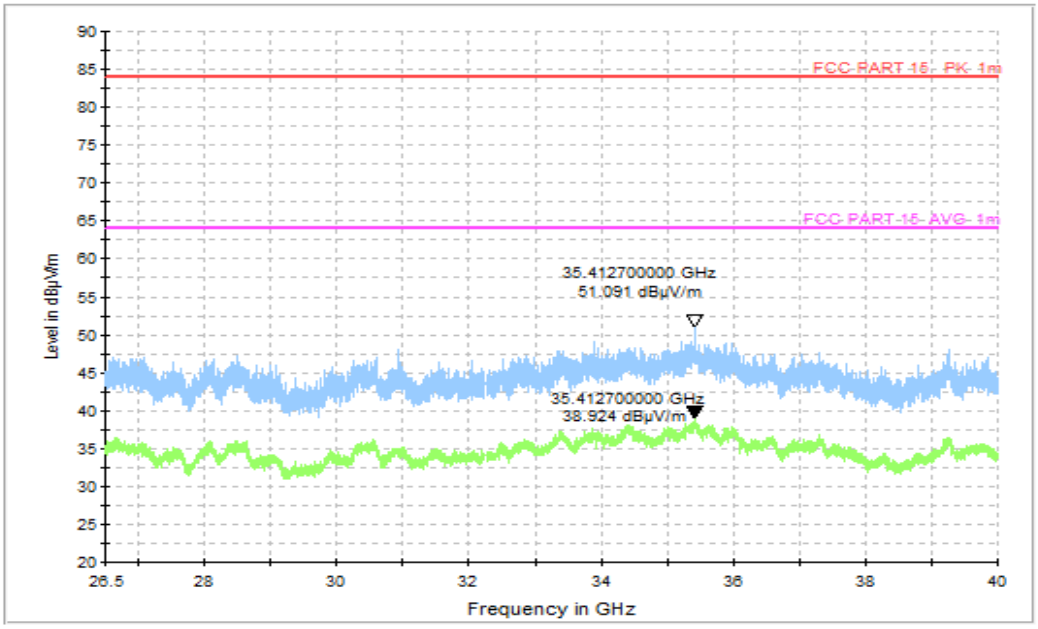


Figure A.1.60. Radiated Emission (Data Transfer: TF Card to PC, 26.5GHz to 40GHz)

A.2 Conducted Emission (§15.107(a))

Reference

FCC: Part 15.107(a)

IC: ICES-003 section 6.1.

A.2.1 Method of measurement

For equipment that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies within the band 150kHz to 30MHz shall not exceed the limits. Tested in accordance with the procedures of ANSI C63.4 -2014, section 7.3.

A.2.2 EUT Operating Mode:

Camera: At the beginning of measurement, the battery is completely discharged. The battery and charger are installed so that the EUT works well and keeping on taking photos.

Video Player: The EUT is connected to a charger for charging and keeping on playing mp3.

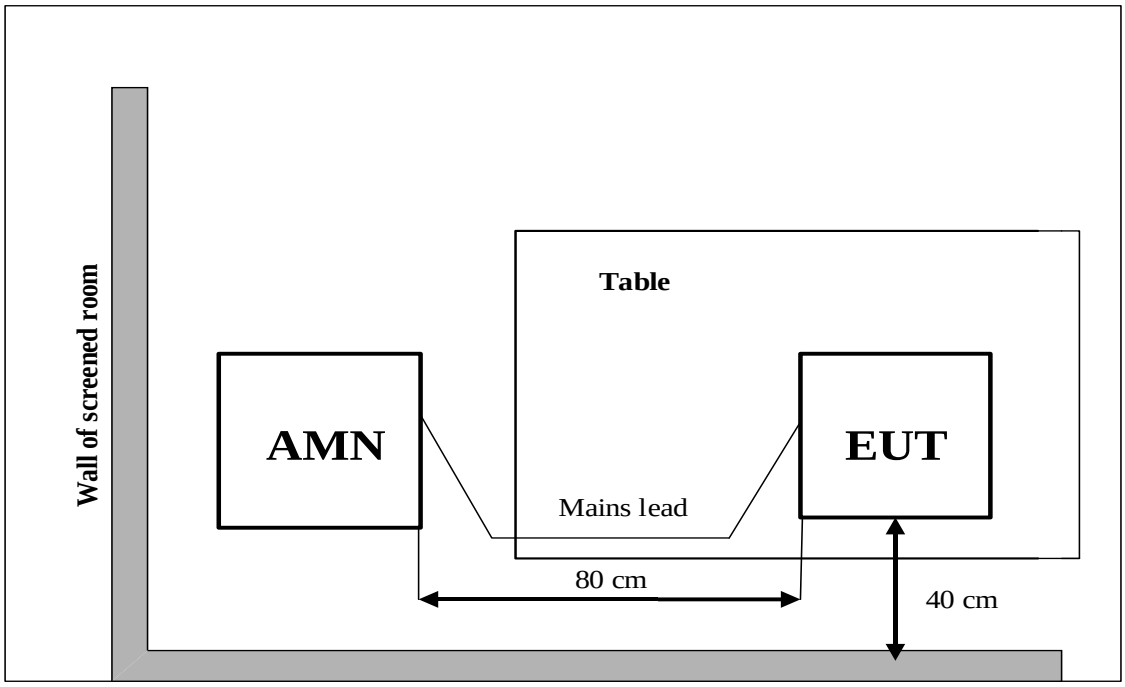
FM receiver: The EUT is connected to a charger for charging. The EUT is synchronized to a FM signal generator. The EUT is keeping on demodulating the FM signal and outputting the audio signal through the headset.

Data Transfer: The model of the PC is Lenovo ThinkPad T480, and the serial number of the PC is PF-13LW0C. The EUT is connected to a PC for transmitting data. The software is used to let the PC keep on copying data to EUT or TF Card, reading and erasing the data after copy action was finished.

A.2.3 Measurement Limit

Frequency of emission (MHz)	Conducted limit (dBμV)	
	Quasi-peak	Average
0.15-0.5	66 to 56*	56 to 46*
0.5-5	56	46
5-30	60	50
*Decreases with the logarithm of the frequency		

A.2.4Test set-up:



A.2.5 Test Condition in charging mode

Voltage（V）	Frequency（Hz）
120	60
240	60

RBW	Sweep Time(s)
9kHz	1

A.2.6 Measurement Results

QuasiPeak(dBμV) /Average(dBμV) =PMea+Corr

Where

Corr: PathLoss + Voltage Division Factor

PMea: Measurement result on receiver.

Camera

AC Input Port/ Voltage: 120V/60Hz

Frequency range (MHz)	Quasi-peak Limit (dBμV)	Average Limit (dBμV)	Result (dBμV)	Conclusion
			UT08aa/Set.1	
0.15 to 0.5	66 to 56	56 to 46	See Figure A.2.1.	P
0.5 to 5	56	46		
5 to 30	60	50		
NOTE: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.				

Video Player

AC Input Port/ Voltage: 120V/60Hz

Frequency range (MHz)	Quasi-peak Limit (dBμV)	Average Limit (dBμV)	Result (dBμV) UT08aa/Set.1	Conclusion
0.15 to 0.5	66 to 56	56 to 46	See Figure A.2.2.	P
0.5 to 5	56	46		
5 to 30	60	50		
NOTE: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.				

FM receiver

AC Input Port/ Voltage: 120V/60Hz

Frequency range (MHz)	Quasi-peak Limit (dBμV)	Average Limit (dBμV)	Result (dBμV) UT08aa/Set.4	Conclusion
0.15 to 0.5	66 to 56	56 to 46	See Figure A.2.3.	P
0.5 to 5	56	46		
5 to 30	60	50		
NOTE: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.				

Data Transfer

AC Input Port/ Voltage: 120V/60Hz

Frequency range (MHz)	Quasi-peak Limit (dBμV)	Average Limit (dBμV)	Result (dBμV) UT08aa/Set.3	Conclusion
0.15 to 0.5	66 to 56	56 to 46	See Figure A.2.4.	P
0.5 to 5	56	46		
5 to 30	60	50		
NOTE: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.				

FM receiver

AC Input Port/ Voltage: 120V/60Hz

Frequency range (MHz)	Quasi-peak Limit (dBμV)	Average Limit (dBμV)	Result (dBμV) UT08aa/Set.5	Conclusion
0.15 to 0.5	66 to 56	56 to 46	See Figure A.2.5.	P
0.5 to 5	56	46		
5 to 30	60	50		
NOTE: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.				

Camera

AC Input Port/ Voltage: 240V/60Hz

Frequency range (MHz)	Quasi-peak Limit (dBμV)	Average Limit (dBμV)	Result (dBμV) UT08aa/Set.1	Conclusion
0.15 to 0.5	66 to 56	56 to 46	See Figure A.2.6.	P
0.5 to 5	56	46		
5 to 30	60	50		
NOTE: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.				

Video Player

AC Input Port/ Voltage: 240V/60Hz

Frequency range (MHz)	Quasi-peak Limit (dBμV)	Average Limit (dBμV)	Result (dBμV) UT08aa/Set.1	Conclusion
0.15 to 0.5	66 to 56	56 to 46	See Figure A.2.7.	P
0.5 to 5	56	46		
5 to 30	60	50		
NOTE: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.				

FM receiver

AC Input Port/ Voltage: 240V/60Hz

Frequency range (MHz)	Quasi-peak Limit (dBμV)	Average Limit (dBμV)	Result (dBμV) UT08aa/Set.4	Conclusion
0.15 to 0.5	66 to 56	56 to 46	See Figure A.2.8.	P
0.5 to 5	56	46		
5 to 30	60	50		
NOTE: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.				

Data Transfer

AC Input Port/ Voltage: 240V/60Hz

Frequency range (MHz)	Quasi-peak Limit (dBμV)	Average Limit (dBμV)	Result (dBμV) UT08aa/Set.3	Conclusion
0.15 to 0.5	66 to 56	56 to 46	See Figure A.2.9.	P
0.5 to 5	56	46		
5 to 30	60	50		
NOTE: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.				

FM receiver

AC Input Port/ Voltage: 240V/60Hz

Frequency range (MHz)	Quasi-peak Limit (dBμV)	Average Limit (dBμV)	Result (dBμV)	Conclusion
			UT08aa/Set.5	
0.15 to 0.5	66 to 56	56 to 46	See Figure A.2.10.	P
0.5 to 5	56	46		
5 to 30	60	50		
NOTE: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.				

AC Input Port/ Voltage: 120V/60Hz

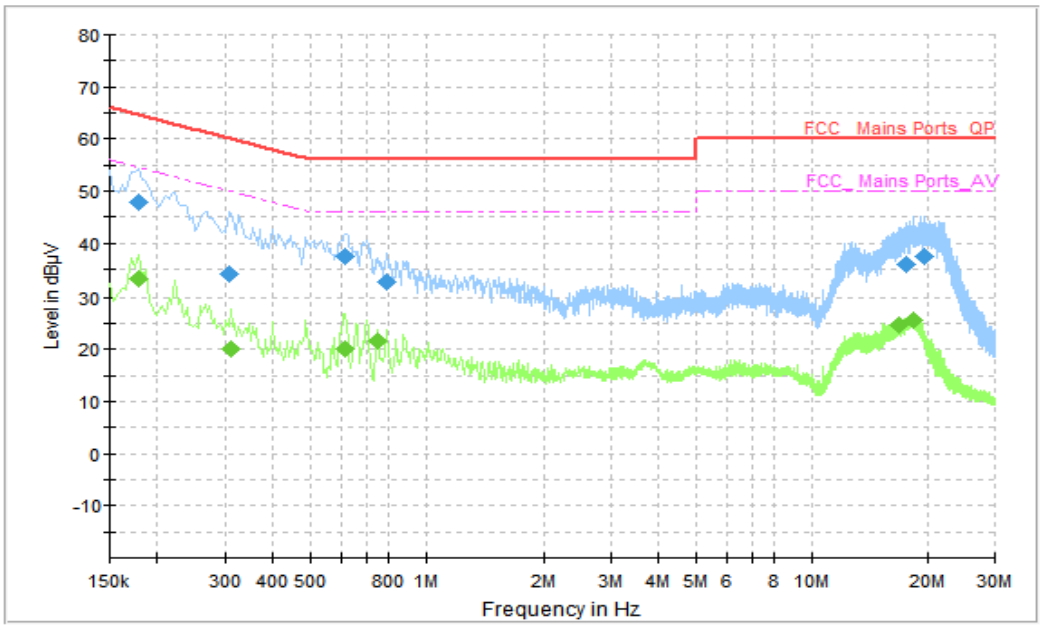


Figure A.2.1. Conducted Emission(Camera)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	PMea (dBµV)
0.178000	47.89	64.58	16.69	N	10	37.89
0.306000	34.21	60.08	25.87	N	10	24.21
0.614000	37.62	56.00	18.38	N	10	27.62
0.786000	32.49	56.00	23.51	N	10	22.49
17.602000	36.00	60.00	24.00	L1	10	26
19.606000	37.35	60.00	22.65	L1	10	27.35

Final_Result_AVG

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	PMea (dBµV)
0.178000	33.09	54.58	21.49	N	10	23.09
0.310000	20.07	49.97	29.90	N	10	10.07
0.618000	19.96	46.00	26.04	N	10	9.96
0.746000	21.70	46.00	24.30	N	10	11.70
16.834000	24.56	50.00	25.44	L1	10	14.56
18.366000	25.49	50.00	24.51	L1	10	15.49

AC Input Port/ Voltage: 120V/60Hz

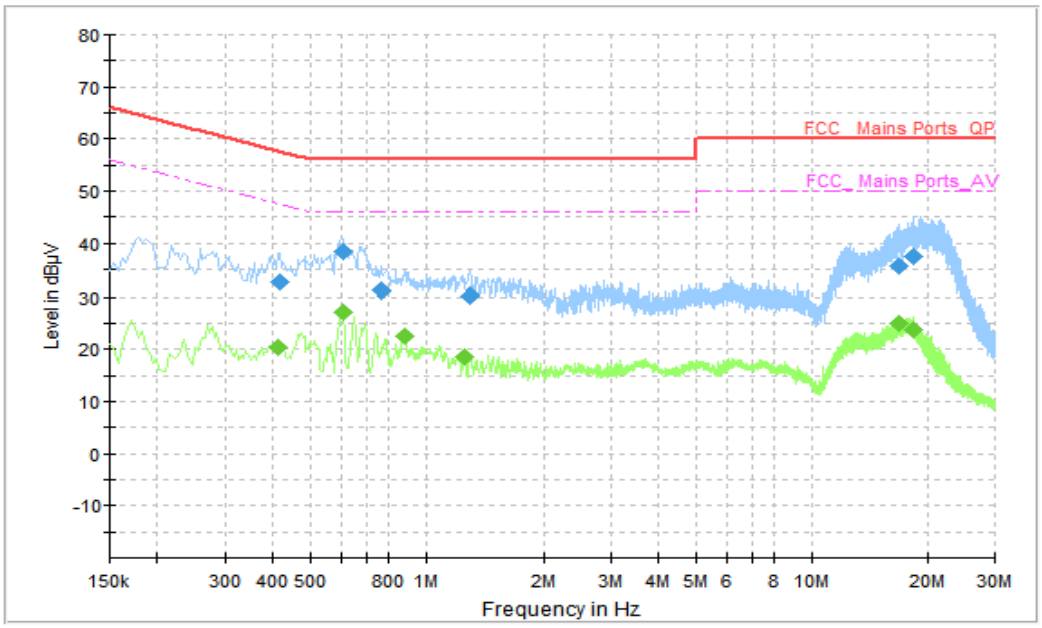


Figure A.2.2. Conducted Emission(Video Player)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	PMea (dBµV)
0.418000	32.66	57.49	24.83	N	10	22.66
0.606000	38.37	56.00	17.63	N	10	28.37
0.762000	30.95	56.00	25.05	N	10	20.95
1.302000	30.16	56.00	25.84	L1	10	20.16
16.822000	35.80	60.00	24.20	L1	10	25.8
18.354000	37.43	60.00	22.57	L1	10	27.43

Final_Result_AVG

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	PMea (dBµV)
0.410000	20.46	47.65	27.19	N	10	10.46
0.606000	27.10	46.00	18.90	N	10	17.1
0.878000	22.52	46.00	23.48	N	10	12.52
1.258000	18.57	46.00	27.43	N	10	8.57
16.830000	25.06	50.00	24.94	L1	10	15.06
18.374000	23.70	50.00	26.30	L1	10	13.70

AC Input Port/ Voltage: 120V/60Hz

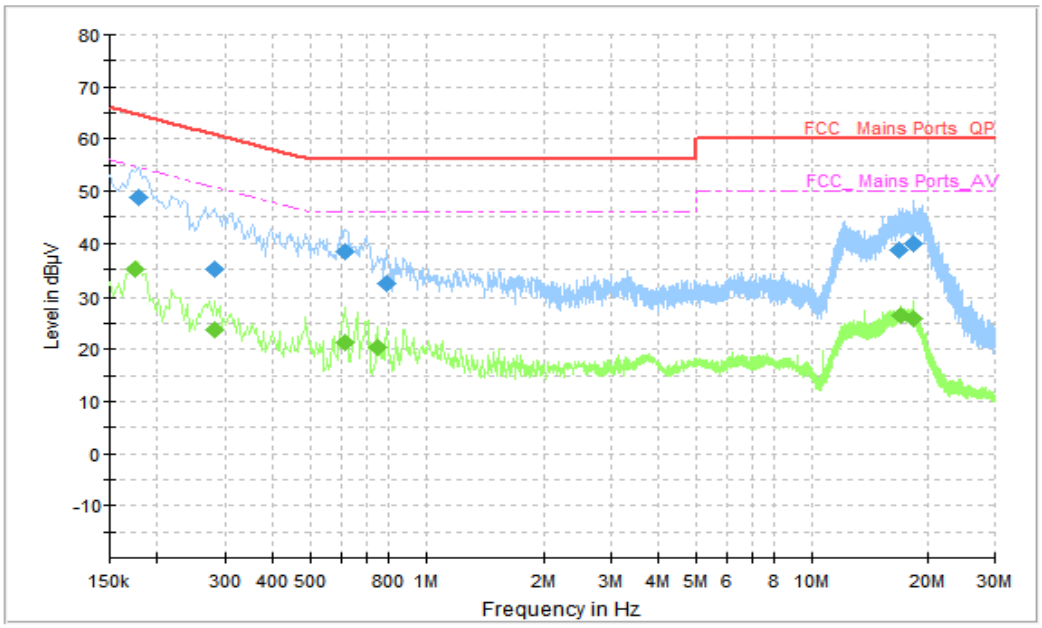


Figure A.2.3. Conducted Emission(FM receiver)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	PMea (dBµV)
0.178000	48.67	64.58	15.91	N	10	38.67
0.282000	35.00	60.76	25.75	N	10	25
0.614000	38.38	56.00	17.62	N	10	28.38
0.790000	32.29	56.00	23.71	N	10	22.29
16.850000	38.84	60.00	21.16	L1	10	28.84
18.366000	39.96	60.00	20.04	L1	10	29.96

Final_Result_AVG

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	PMea (dBµV)
0.174000	35.17	54.77	19.60	N	10	25.17
0.282000	23.73	50.76	27.03	N	10	13.73
0.618000	21.25	46.00	24.75	N	10	11.25
0.750000	20.33	46.00	25.67	N	10	10.33
17.074000	26.37	50.00	23.63	L1	10	16.37
18.370000	26.00	50.00	24.00	L1	10	16.00

AC Input Port/ Voltage: 120V/60Hz

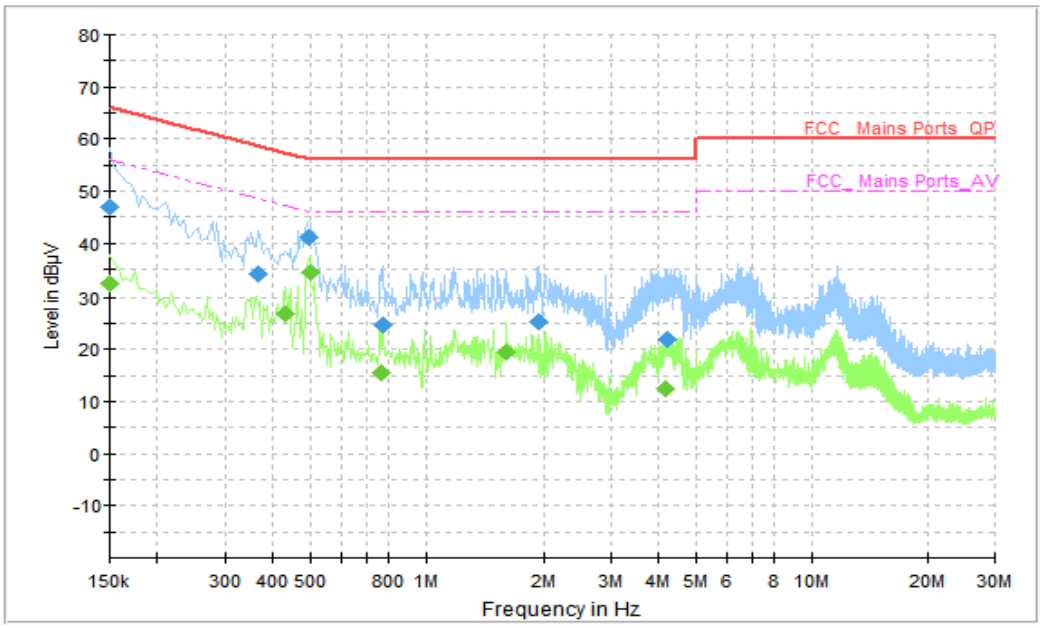


Figure A.2.4. Conducted Emission(Data Transfer)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	PMea (dBµV)
0.150000	47.02	66.00	18.98	L1	10	37.02
0.366000	34.15	58.59	24.44	N	10	24.15
0.494000	41.23	56.10	14.87	N	10	31.23
0.770000	24.65	56.00	31.35	N	10	14.65
1.938000	25.12	56.00	30.88	N	10	15.12
4.182000	21.88	56.00	34.12	N	10	11.88

Final_Result_AVG

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	PMea (dBµV)
0.150000	32.36	56.00	23.64	N	10	22.36
0.430000	26.94	47.25	20.32	N	10	16.94
0.498000	34.32	46.03	11.71	N	10	24.32
0.762000	15.41	46.00	30.59	N	10	5.41
1.602000	19.43	46.00	26.57	N	10	9.43
4.178000	12.32	46.00	33.68	N	10	2.32

AC Input Port/ Voltage: 120V/60Hz

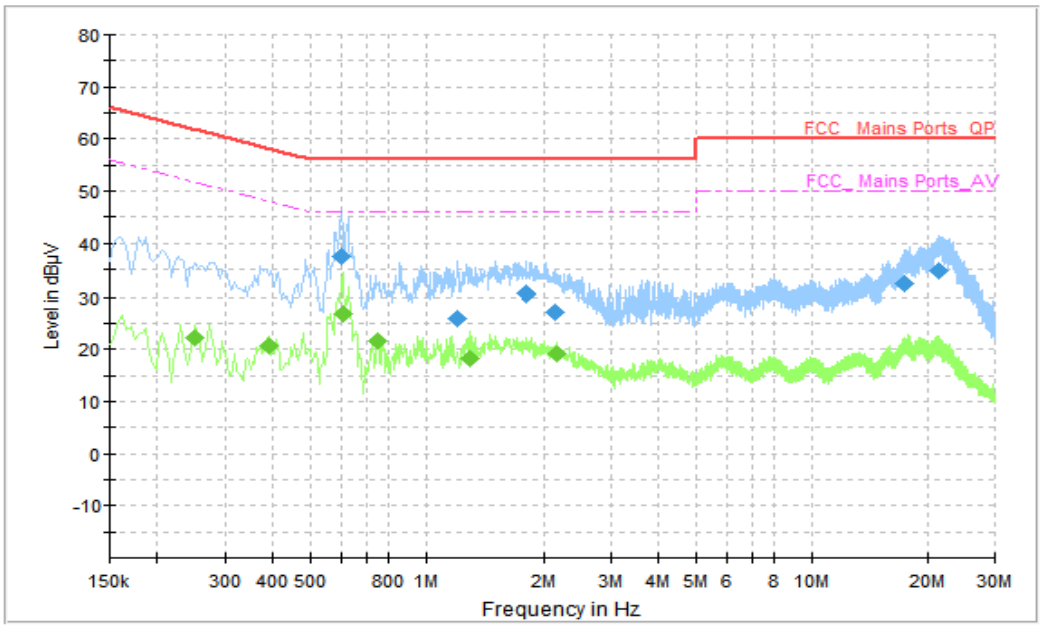


Figure A.2.5. Conducted Emission(FM receiver)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	PMea (dBµV)
0.602000	37.52	56.00	18.48	L1	10	27.52
1.210000	25.77	56.00	30.23	L1	10	15.77
1.802000	30.61	56.00	25.39	L1	10	20.61
2.146000	26.98	56.00	29.02	L1	10	16.98
17.510000	32.25	60.00	27.75	L1	10	22.25
21.538000	34.86	60.00	25.14	L1	10	24.86

Final_Result_AVG

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	PMea (dBµV)
0.250000	22.05	51.76	29.70	L1	10	12.05
0.390000	20.63	48.06	27.43	L1	10	10.63
0.606000	26.93	46.00	19.07	N	10	16.93
0.750000	21.62	46.00	24.38	L1	10	11.62
1.298000	18.31	46.00	27.69	L1	10	8.31
2.166000	19.08	46.00	26.92	L1	10	9.08

AC Input Port/ Voltage: 240V/60Hz

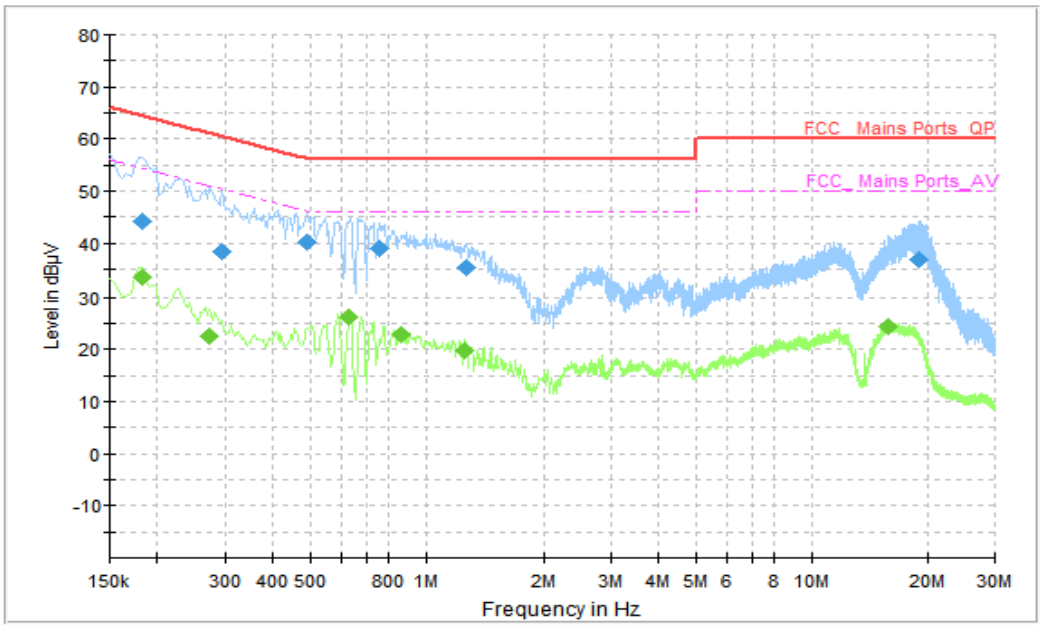


Figure A.2.6. Conducted Emission(Camera)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	PMea (dBµV)
0.182000	44.15	64.39	20.24	N	10	34.15
0.294000	38.51	60.41	21.90	N	10	28.51
0.490000	40.26	56.17	15.91	L1	10	30.26
0.754000	39.11	56.00	16.89	L1	10	29.11
1.270000	35.48	56.00	20.52	L1	10	25.48
19.050000	36.73	60.00	23.27	N	10	26.73

Final_Result_AVG

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	PMea (dBµV)
0.182000	33.39	54.39	21.00	N	10	23.39
0.274000	22.45	51.00	28.55	N	10	12.45
0.630000	26.30	46.00	19.70	L1	10	16.30
0.866000	22.93	46.00	23.07	L1	10	12.93
1.266000	19.63	46.00	26.37	L1	10	9.63
15.862000	24.39	50.00	25.61	N	10	14.39

AC Input Port/ Voltage: 240V/60Hz

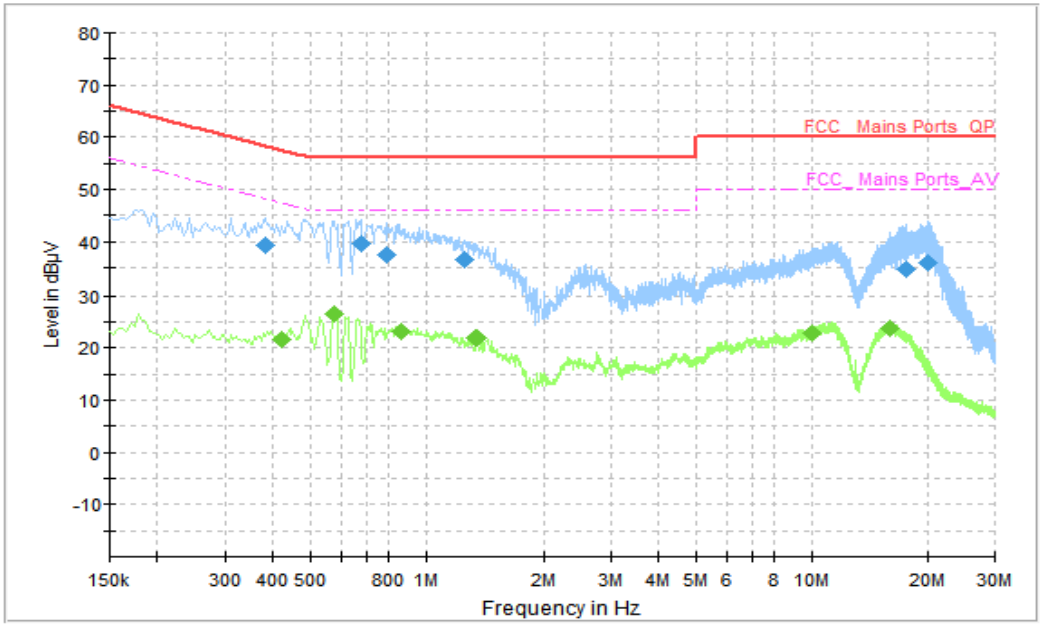


Figure A.2.7. Conducted Emission(Video Player)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	PMea (dBµV)
0.382000	39.19	58.24	19.04	L1	10	29.19
0.678000	39.54	56.00	16.46	L1	10	29.54
0.794000	37.61	56.00	18.39	L1	10	27.61
1.258000	36.44	56.00	19.56	L1	10	26.44
17.630000	34.68	60.00	25.32	N	10	24.68
20.034000	35.97	60.00	24.03	N	10	25.97

Final_Result_AVG

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	PMea (dBµV)
0.422000	21.45	47.41	25.96	N	10	11.45
0.578000	26.49	46.00	19.51	L1	10	16.49
0.862000	23.07	46.00	22.93	L1	10	13.07
1.350000	21.96	46.00	24.04	N	10	11.96
9.990000	22.91	50.00	27.09	N	10	12.91
15.998000	23.82	50.00	26.18	N	10	13.82

AC Input Port/ Voltage: 240V/60Hz

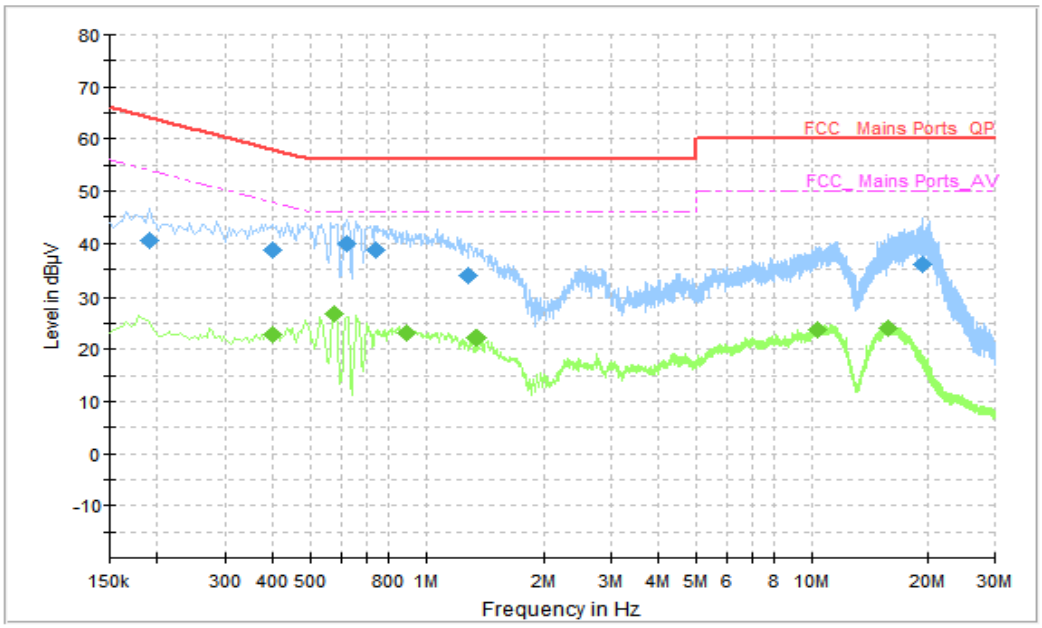


Figure A.2.8. Conducted Emission(FM receiver)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	PMea (dBµV)
0.190000	40.45	64.04	23.59	L1	10	30.45
0.398000	38.60	57.90	19.30	N	10	28.6
0.622000	40.03	56.00	15.97	L1	10	30.03
0.738000	38.64	56.00	17.36	L1	10	28.64
1.290000	33.86	56.00	22.14	L1	10	23.86
19.490000	35.92	60.00	24.08	N	10	25.92

Final_Result_AVG

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	PMea (dBµV)
0.398000	22.70	47.90	25.20	L1	10	12.70
0.578000	26.83	46.00	19.17	L1	10	16.83
0.890000	23.18	46.00	22.82	L1	10	13.18
1.350000	22.13	46.00	23.87	N	10	12.13
10.306000	23.77	50.00	26.23	N	10	13.77
15.742000	24.14	50.00	25.86	N	10	14.14

AC Input Port/ Voltage: 240V/60Hz

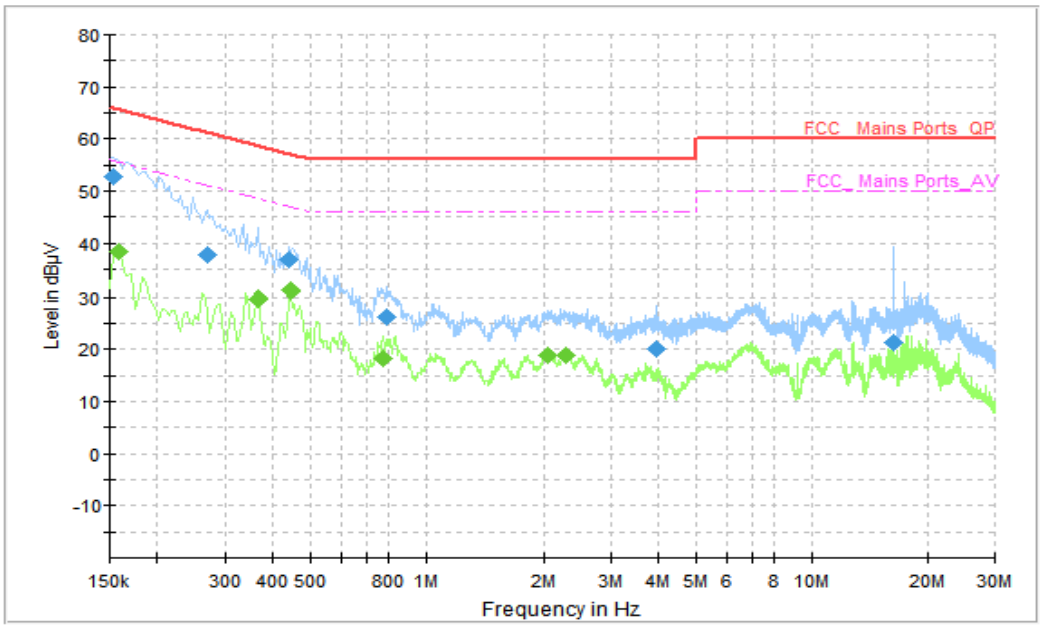


Figure A.2.9. Conducted Emission(Data Transfer)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	PMea (dBµV)
0.154000	52.67	65.78	13.11	L1	10	42.67
0.270000	37.93	61.12	23.19	N	10	27.93
0.438000	36.95	57.10	20.15	L1	10	26.95
0.794000	26.07	56.00	29.93	L1	10	16.07
3.918000	20.16	56.00	35.84	L1	10	10.16
16.250000	21.25	60.00	38.76	L1	10	11.25

Final_Result_AVG

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	PMea (dBµV)
0.158000	38.55	55.57	17.02	L1	10	28.55
0.366000	29.63	48.59	18.96	N	10	19.63
0.442000	31.01	47.02	16.01	L1	10	21.01
0.770000	18.30	46.00	27.70	L1	10	8.30
2.050000	18.97	46.00	27.03	L1	10	8.97
2.282000	18.92	46.00	27.08	L1	10	8.92

AC Input Port/ Voltage: 240V/60Hz

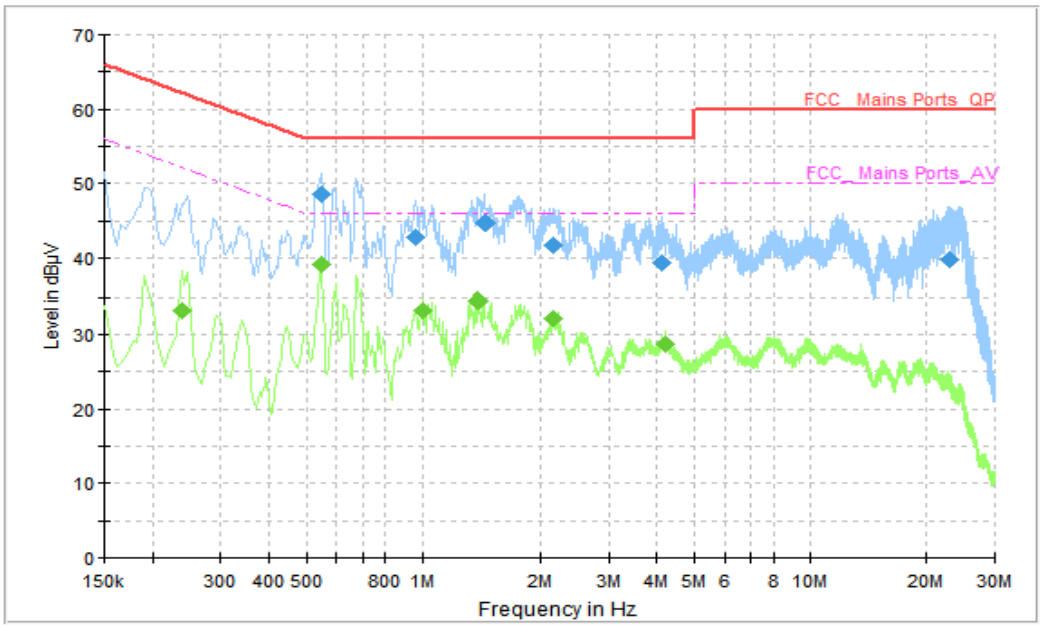


Figure A.2.10. Conducted Emission(FM receiver)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	PMea (dBµV)
0.550000	48.58	56.00	7.42	N	10	38.58
0.962000	42.89	56.00	13.11	N	10	32.89
1.446000	44.80	56.00	11.20	N	10	34.80
2.166000	41.65	56.00	14.35	N	10	31.65
4.118000	39.49	56.00	16.51	N	10	29.49
22.858000	39.80	60.00	20.20	N	10	29.80

Final_Result_AVG

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	PMea (dBµV)
0.238000	33.09	52.17	19.07	L1	10	23.09
0.546000	39.07	46.00	6.93	N	10	29.07
1.006000	33.13	46.00	12.87	N	10	23.13
1.390000	34.36	46.00	11.64	N	10	24.36
2.150000	32.19	46.00	13.81	N	10	22.19
4.202000	28.65	46.00	17.35	N	10	18.65

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