



TEST REPORT

No.I21N03262-EMC

for

Realme Chongqing Mobile Telecommunications Corp., Ltd.

Mobile Phone

Model Name: RMX3393

With

Hardware Version: 11

Software Version: ColorOS 12.1

FCC ID: 2AUYFRMX3393

Issued Date: 2021-11-29

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.

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No.I21N03262-EMC

REPORT HISTORY

Report Number	Revision	Description	Issue Date
I21N03262-EMC	Rev.0	1st edition	2021-11-29

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

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1. SUMMARY OF TEST REPORT

1.1. Test Items

Description	Mobile Phone
Model Name	RMX3393
Applicant's name	Realme Chongqing Mobile Telecommunications Corp., Ltd.
Manufacturer's Name	Realme Chongqing Mobile Telecommunications Corp., Ltd.

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: 2021-11-22

Testing End Date: 2021-11-26

1.6. Signature

Liang Yong
(Prepared this test report)

Zhang Yunzhuan
(Reviewed this test report)

Cao Junfei
(Approved this test report)



2. CLIENT INFORMATION

2.1. Applicant Information

Company Name: Realme Chongqing Mobile Telecommunications Corp., Ltd.
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2.2. Manufacturer Information

Company Name: Realme Chongqing Mobile Telecommunications Corp., Ltd.
Address: No.178 Yulong Avenue, Yufengshan, Yubei District, Chongqing, China.
Contact: Yang LiangPing
Email: ylp@realme.net
Tel: (86)13798864426
Fax: /

3. EQUIPMENT UNDER TEST (EUT) AND ANCILLARY EQUIPMENT

(AE)

3.1. About EUT

Description	Mobile Phone
Model Name	RMX3393
FCC ID	2AUYFRMX3393
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
UT04aa	868912050020590	11	ColorOS 12.1	2021-10-25
	868912050020582			
UT06aa	868912050020657	11	ColorOS 12.1	2021-10-25
	868912050020640			

*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

AE1-1

Model	BLP837
Manufacturer	Sunwoda Electronic Co., Ltd.
Capacity	4400mAh
Nominal Voltage	3.87 V

AE1-2

Model	BLP837
Manufacturer	Huizhou Desay Battery Co., LTD
Capacity	4400mAh
Nominal Voltage	3.87 V

AE2-1

Model	VCA7JAUH
Manufacturer	Huizhou Golden Lake Industrial Co., Ltd.
Specification	American Standard Charger



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AE2-2

Model	VCA7JDUH
Manufacturer	Huizhou Golden Lake Industrial Co., Ltd.
Specification	American Standard Charger

AE3

Model	DL129
Manufacturer	/

AE4

Model	MH156
Manufacturer	/

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

AE: ancillary equipment

AE2: The circuit boards of model VCA7JAUH (AE2-1) and VCA7JDUH (AE2-2) are the same.

3.4. EUT Set-ups

EUT set-up No.	Combination of EUT and AE	Remarks
Set.1	EUT+AE1-1+AE2-1+AE3+AE4	
Set.2	EUT+AE1-1+AE3+AE4+PC	

3.5. General Description

The Equipment Under Test (EUT) is a model of Mobile Phone.

It supports GSM 850/900/1800/1900MHz, WCDMA Bands 1/2/4/5/6/8/19, LTE Bands 1/2/3/4/5/7/8/12/13/17/18/19/20/26/28/38/39/41/66/CA_3C/CA_7C/CA_38C/CA_41C, NR Bands n1/n3/n5/n7/n8/n20/n28/n38/n41/n66 and EN-DC Bands DC_66A_n5/DC_5A_n7/DC_66A_n7/DC_26A_n41

It has MP3, NFC, Camera, USB memory, Bluetooth, Wi-Fi and GNSS functions.

It consists of normal options: Battery, Charger, USB Cable and Headset.

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 °C, Max. = 35°C
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 °C, Max. = 35 °C
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 °C, Max. = 35°C
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	4.86dB(k=2)
	1GHz-18GHz	4.82dB(k=2)
	18GHz-40GHz	2.90dB(k=2)
Conducted Emission	150kHz-30MHz	2.62dB(k=2)

8. MEASURING APPARATUS UTILIZED

No.	Name	Model	Serial Number	Manufacturer	Calibration Due date	Calibration Period
1.	Test Receiver	ESR7	101676	R&S	2022.11.24	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	CMU200	114545	R&S	2022.01.13	1 year
10.	Universal Radio Communication Tester	CMW500	152499	R&S	2022.07.15	1 year
11.	Universal Radio Communication Tester	E7515B	Keysight	MY59322022	2022.04.14	1 year
12.	Universal Radio Communication Tester	MT8821C	Anritsu	6262025268	2022.03.08	1 year
13.	Universal Radio Communication Tester	MT8000A	Anritsu	6261987936	2022.03.16	1 year
14.	Horn Antenna	QSH-SL-18-2 6-S-20	17013	Q-par	2023.01.06	3 years
15.	Horn Antenna	QSH-SL-8-26- 40-K-20	17014	Q-par	2023.01.06	3 years

**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 at a distance of 3 meters or 1 meter 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. Below 18GHz the measurement antenna was placed at a distance of 3 meters from the EUT. Above 18GHz the measurement antenna was placed at a distance of 1 meters from the EUT. (According to Part 15.31(f)(1), 1m limit is calculated by extrapolation factor of 20 dB/decade) 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.

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 System Simulator (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 System Simulator (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 System Simulator (SS), and able to respond to paging messages and incoming call. An established call has been released.

NR receiver: The EUT is connected to a charger for charging. The EUT is synchronized to System Simulator (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:

GSM850MHz, WCDMA Band5, LTE Band 5, LTE Band 12, LTE Band 13, LTE Band 17, LTE Band 18, LTE Band 19, LTE Band 26, n5, EN-DC 7A-n5, EN-DC 66A-n5.

The EUT was tested while operating in licensed band receiver mode. All licensed band receivers

that tune in the range of 30MHz-960MHz, as listed in Section 3.1, 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 ($\mu\text{V/m}$)		
	Quasi-peak	Average	Peak
30-88	100		
88-216	150		
216-960	200		
960-1000	500		
>1000		500	5000

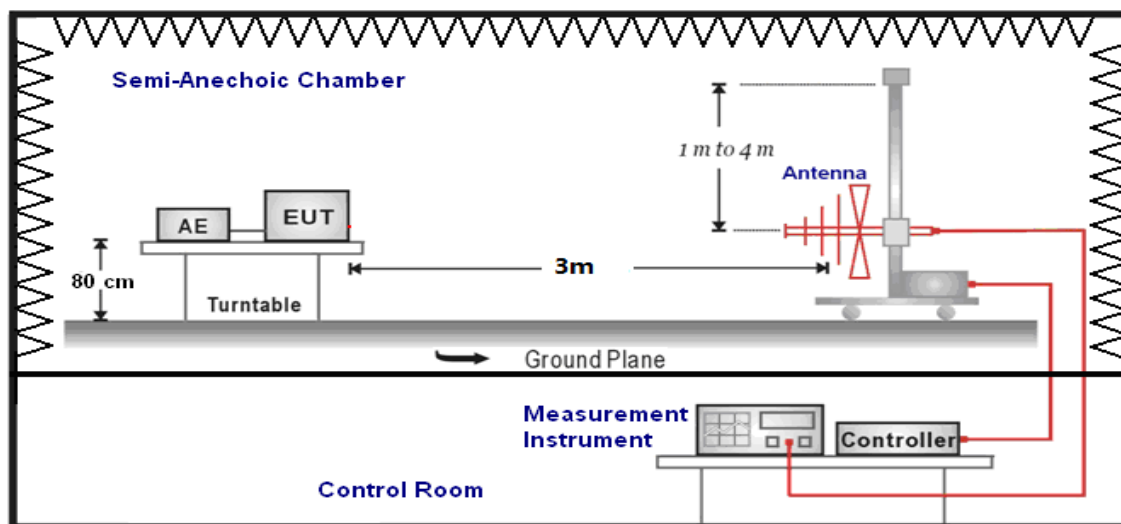
*Note: The original limit is defined at 10m test distance. This limit is calculated according to CISPR requirements.

A.1.4 Test Condition

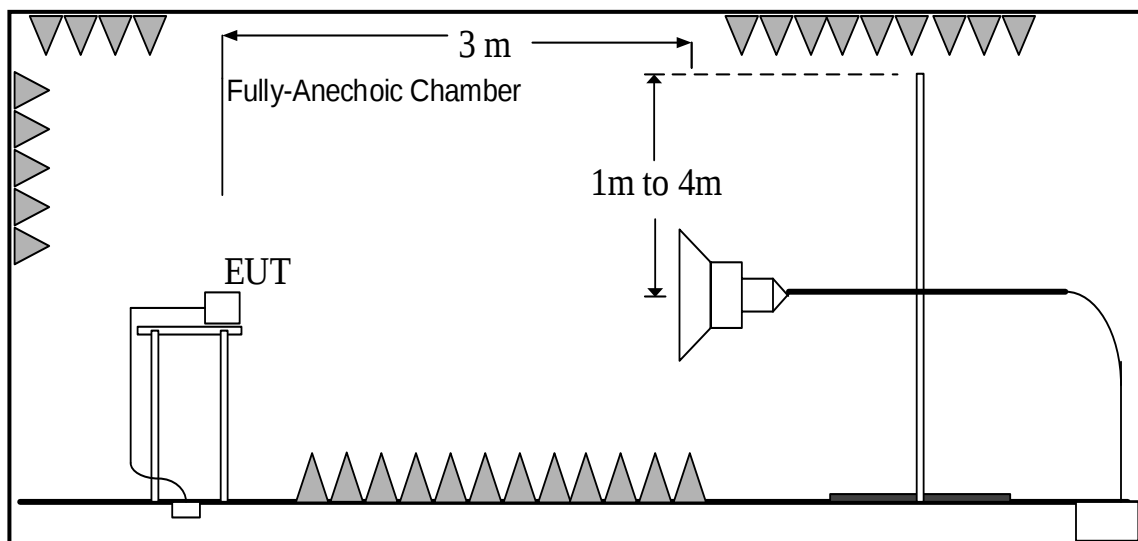
Frequency of emission (MHz)	RBW/VBW	Sweep Time(s)
30-1000	120kHz (IF bandwidth)	5
Above 1000	1MHz/3MHz	15

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:

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

Where

G_A : Antenna factor of receive antenna

G_{PL} : Path Loss

P_{Mea} : Measurement result on receiver.

Result: Quasi-Peak (dB μ V/m) / Average (dB μ V/m) / Peak (dB μ V/m)

Note: the result contains vertical part and Horizontal part

Camera

Frequency range (MHz)	Quasi-Peak Limit (dB μ V/m)	Result (dB μ V/m)	Conclusion
		UT04aa/Set.1	
30-88	40.00	See Figure A.1.1.	P
88-216	43.52		
216-960	46.02		
960-1000	54.00		

Frequency range (MHz)	Average Limit (dB μ V/m)	Peak Limit (dB μ V/m)	Result (dB μ V/m)	Conclusion
			UT04aa/Set.1	
1000 to 18000	54.00	74.00	See Figure A.1.2.	P
18000 to 26500	63.51	83.51	See Figure A.1.3.	
26500 to 40000	63.51	83.51	See Figure A.1.4.	

Video Player

Frequency range (MHz)	Quasi-Peak Limit (dB μ V/m)	Result (dB μ V/m)	Conclusion
		UT04aa/Set.1	
30-88	40.00	See Figure A.1.5.	P
88-216	43.52		
216-960	46.02		
960-1000	54.00		

Frequency range (MHz)	Average Limit (dB μ V/m)	Peak Limit (dB μ V/m)	Result (dB μ V/m)	Conclusion
			UT04aa/Set.1	
1000 to 18000	54.00	74.00	See Figure A.1.6.	P
18000 to 26500	63.51	83.51	See Figure A.1.7.	
26500 to 40000	63.51	83.51	See Figure A.1.8.	

GSM receiver 850MHz

Frequency range (MHz)	Quasi-Peak Limit (dB μ V/m)	Result (dB μ V/m)	Conclusion
		UT04aa/Set.1	
30-88	40.00	See Figure A.1.9.	P
88-216	43.52		
216-960	46.02		
960-1000	54.00		

Frequency range (MHz)	Average Limit (dB μ V/m)	Peak Limit (dB μ V/m)	Result (dB μ V/m)	Conclusion
			UT04aa/Set.1	
1000 to 18000	54.00	74.00	See Figure A.1.10.	P
18000 to 26500	63.51	83.51	See Figure A.1.11.	
26500 to 40000	63.51	83.51	See Figure A.1.12.	

WCDMA receiver Band 5

Frequency range (MHz)	Quasi-Peak Limit (dB μ V/m)	Result (dB μ V/m)	Conclusion
		UT04aa/Set.1	
30-88	40.00	See Figure A.1.13.	P
88-216	43.52		
216-960	46.02		
960-1000	54.00		

Frequency range (MHz)	Average Limit (dB μ V/m)	Peak Limit (dB μ V/m)	Result (dB μ V/m)	Conclusion
			UT04aa/Set.1	
1000 to 18000	54.00	74.00	See Figure A.1.14.	P
18000 to 26500	63.51	83.51	See Figure A.1.15.	
26500 to 40000	63.51	83.51	See Figure A.1.16.	

LTE receiver Band 5

Frequency range (MHz)	Quasi-Peak Limit (dB μ V/m)	Result (dB μ V/m)	Conclusion
		UT04aa/Set.1	
30-88	40.00	See Figure A.1.17.	P
88-216	43.52		
216-960	46.02		
960-1000	54.00		

Frequency range (MHz)	Average Limit (dB μ V/m)	Peak Limit (dB μ V/m)	Result (dB μ V/m)	Conclusion
			UT04aa/Set.1	
1000 to 18000	54.00	74.00	See Figure A.1.18.	P
18000 to 26500	63.51	83.51	See Figure A.1.19.	
26500 to 40000	63.51	83.51	See Figure A.1.20.	

LTE receiver Band 12

Frequency range (MHz)	Quasi-Peak Limit (dB μ V/m)	Result (dB μ V/m)	Conclusion
		UT04aa/Set.1	
30-88	40.00	See Figure A.1.21.	P
88-216	43.52		
216-960	46.02		
960-1000	54.00		

Frequency range (MHz)	Average Limit (dB μ V/m)	Peak Limit (dB μ V/m)	Result (dB μ V/m)	Conclusion
			UT04aa/Set.1	
1000 to 18000	54.00	74.00	See Figure A.1.22.	P
18000 to 26500	63.51	83.51	See Figure A.1.23.	
26500 to 40000	63.51	83.51	See Figure A.1.24.	

LTE receiver Band 13

Frequency range (MHz)	Quasi-Peak Limit (dB μ V/m)	Result (dB μ V/m)	Conclusion
		UT04aa/Set.1	
30-88	40.00	See Figure A.1.25.	P
88-216	43.52		
216-960	46.02		
960-1000	54.00		

Frequency range (MHz)	Average Limit (dB μ V/m)	Peak Limit (dB μ V/m)	Result (dB μ V/m)	Conclusion
			UT04aa/Set.1	
1000 to 18000	54.00	74.00	See Figure A.1.26.	P
18000 to 26500	63.51	83.51	See Figure A.1.27.	
26500 to 40000	63.51	83.51	See Figure A.1.28.	

LTE receiver Band 17

Frequency range (MHz)	Quasi-Peak Limit (dB μ V/m)	Result (dB μ V/m)	Conclusion
		UT04aa/Set.1	
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 (dB μ V/m)	Peak Limit (dB μ V/m)	Result (dB μ V/m)	Conclusion
			UT04aa/Set.1	
1000 to 18000	54.00	74.00	See Figure A.1.30.	P
18000 to 26500	63.51	83.51	See Figure A.1.31.	
26500 to 40000	63.51	83.51	See Figure A.1.32.	

LTE receiver Band 18

Frequency range (MHz)	Quasi-Peak Limit (dB μ V/m)	Result (dB μ V/m)	Conclusion
		UT04aa/Set.1	
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 (dB μ V/m)	Peak Limit (dB μ V/m)	Result (dB μ V/m)	Conclusion
			UT04aa/Set.1	
1000 to 18000	54.00	74.00	See Figure A.1.34.	P
18000 to 26500	63.51	83.51	See Figure A.1.35.	
26500 to 40000	63.51	83.51	See Figure A.1.36.	

LTE receiver Band 19

Frequency range (MHz)	Quasi-Peak Limit (dB μ V/m)	Result (dB μ V/m)	Conclusion
		UT04aa/Set.1	
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 (dB μ V/m)	Peak Limit (dB μ V/m)	Result (dB μ V/m)	Conclusion
			UT04aa/Set.1	
1000 to 18000	54.00	74.00	See Figure A.1.38.	P
18000 to 26500	63.51	83.51	See Figure A.1.39.	
26500 to 40000	63.51	83.51	See Figure A.1.40.	

LTE receiver Band 26

Frequency range (MHz)	Quasi-Peak Limit (dB μ V/m)	Result (dB μ V/m)	Conclusion
		UT04aa/Set.1	
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 (dB μ V/m)	Peak Limit (dB μ V/m)	Result (dB μ V/m)	Conclusion
			UT04aa/Set.1	
1000 to 18000	54.00	74.00	See Figure A.1.42.	P
18000 to 26500	63.51	83.51	See Figure A.1.43.	
26500 to 40000	63.51	83.51	See Figure A.1.44.	

NR receiver Band n5

Frequency range (MHz)	Quasi-Peak Limit (dB μ V/m)	Result (dB μ V/m)	Conclusion
		UT06aa/Set.1	
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 (dB μ V/m)	Peak Limit (dB μ V/m)	Result (dB μ V/m)	Conclusion
			UT06aa/Set.1	
1000 to 18000	54.00	74.00	See Figure A.1.46.	P
18000 to 26500	63.51	83.51	See Figure A.1.47.	
26500 to 40000	63.51	83.51	See Figure A.1.48.	

NR receiver Band EN-DC 7A-n5

Frequency range (MHz)	Quasi-Peak Limit (dB μ V/m)	Result (dB μ V/m)	Conclusion
		UT06aa/Set.1	
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 (dB μ V/m)	Peak Limit (dB μ V/m)	Result (dB μ V/m)	Conclusion
			UT06aa/Set.1	
1000 to 18000	54.00	74.00	See Figure A.1.50.	P
18000 to 26500	63.51	83.51	See Figure A.1.51.	
26500 to 40000	63.51	83.51	See Figure A.1.52.	

NR receiver Band EN-DC 66A-n5

Frequency range (MHz)	Quasi-Peak Limit (dB μ V/m)	Result (dB μ V/m)	Conclusion
		UT06aa/Set.1	
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 (dB μ V/m)	Peak Limit (dB μ V/m)	Result (dB μ V/m)	Conclusion
			UT06aa/Set.1	
1000 to 18000	54.00	74.00	See Figure A.1.54.	P
18000 to 26500	63.51	83.51	See Figure A.1.55.	
26500 to 40000	63.51	83.51	See Figure A.1.56.	

Data Transfer: PC TO EUT

Frequency range (MHz)	Quasi-Peak Limit (dB μ V/m)	Result (dB μ V/m)	Conclusion
		UT04aa/Set.2	
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 (dB μ V/m)	Peak Limit (dB μ V/m)	Result (dB μ V/m)	Conclusion
			UT04aa/Set.2	
1000 to 18000	54.00	74.00	See Figure A.1.58.	P
18000 to 26500	63.51	83.51	See Figure A.1.59.	
26500 to 40000	63.51	83.51	See Figure A.1.60.	

Data Transfer: EUT TO PC

Frequency range (MHz)	Quasi-Peak Limit (dB μ V/m)	Result (dB μ V/m)	Conclusion
		UT04aa/Set.2	
30-88	40.00	See Figure A.1.61.	P
88-216	43.52		
216-960	46.02		
960-1000	54.00		

Frequency range (MHz)	Average Limit (dB μ V/m)	Peak Limit (dB μ V/m)	Result (dB μ V/m)	Conclusion
			UT04aa/Set.2	
1000 to 18000	54.00	74.00	See Figure A.1.62.	P
18000 to 26500	63.51	83.51	See Figure A.1.63.	
26500 to 40000	63.51	83.51	See Figure A.1.64.	

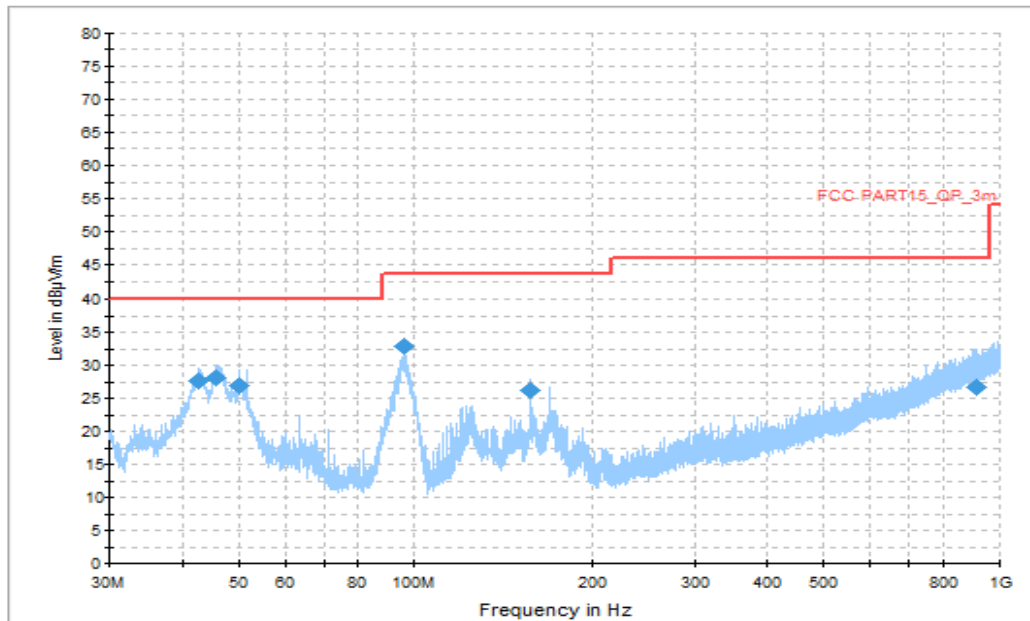


Figure A.1.1. Radiated Emission (Camera , 30MHz to 1GHz)

Final_Results

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	ARpl (dB/m)	P _{Mea} (dBμV)
42.755500	27.70	40.00	12.30	V	-21.9	49.60
45.762500	28.00	40.00	12.00	V	-22	50.00
49.982000	27.00	40.00	13.00	V	-22.2	49.20
96.348000	32.80	43.50	10.70	H	-26.4	59.20
157.070000	26.10	43.50	17.40	V	-22.8	48.90
913.136500	26.70	46.00	19.30	V	-9.3	36.00

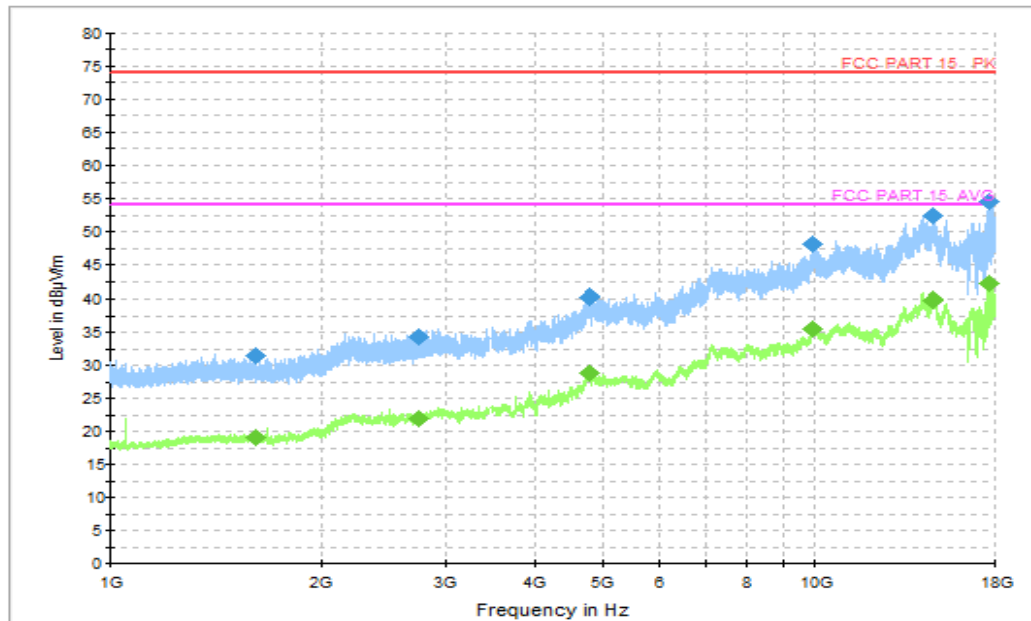


Figure A.1.2. Radiated Emission (Camera , 1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBμV)
1612.600000	31.40	74.00	42.60	H	-19.7	51.10
2743.200000	34.40	74.00	39.60	H	-15.2	49.60
4762.400000	40.20	74.00	33.80	H	-6.9	47.10
9911.200000	48.10	74.00	25.90	V	1.9	46.20
14666.000000	52.30	74.00	21.70	H	6.3	46.00
17702.800000	54.50	74.00	19.50	V	11.4	43.10

Final_Results_AVG

Frequency(MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBμV)
1612.600000	19.00	54.00	35.00	H	-19.7	38.70
2743.200000	22.00	54.00	32.00	H	-15.2	37.20
4762.400000	28.80	54.00	25.20	H	-6.9	35.70
9911.200000	35.40	54.00	18.60	V	1.9	33.50
14666.000000	39.70	54.00	14.30	H	6.3	33.40
17702.800000	42.20	54.00	11.80	V	11.4	30.80

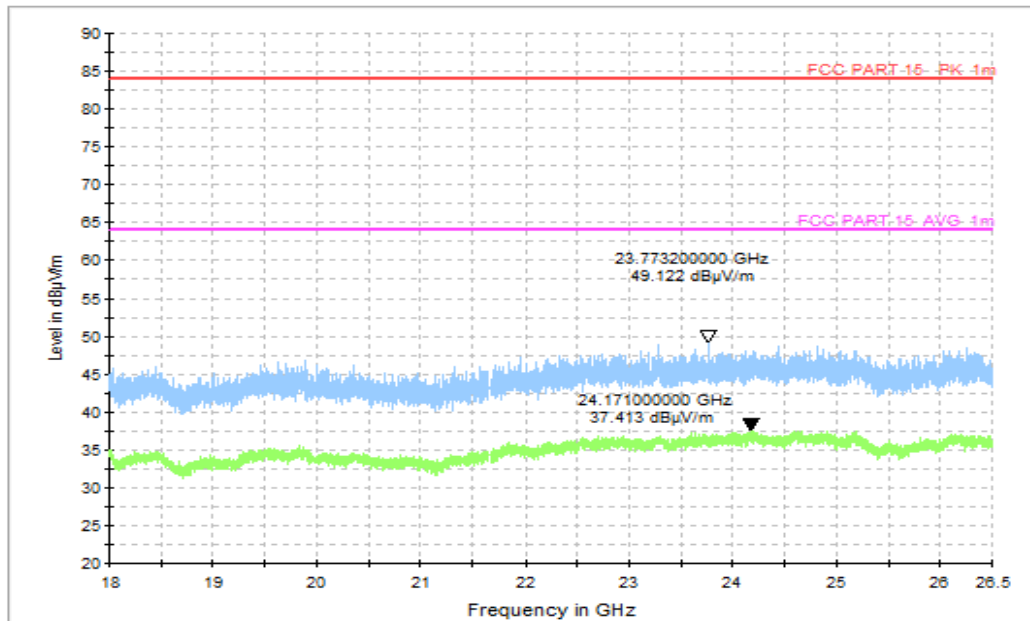


Figure A.1.3. Radiated Emission (Camera , 18GHz to 26.5GHz)

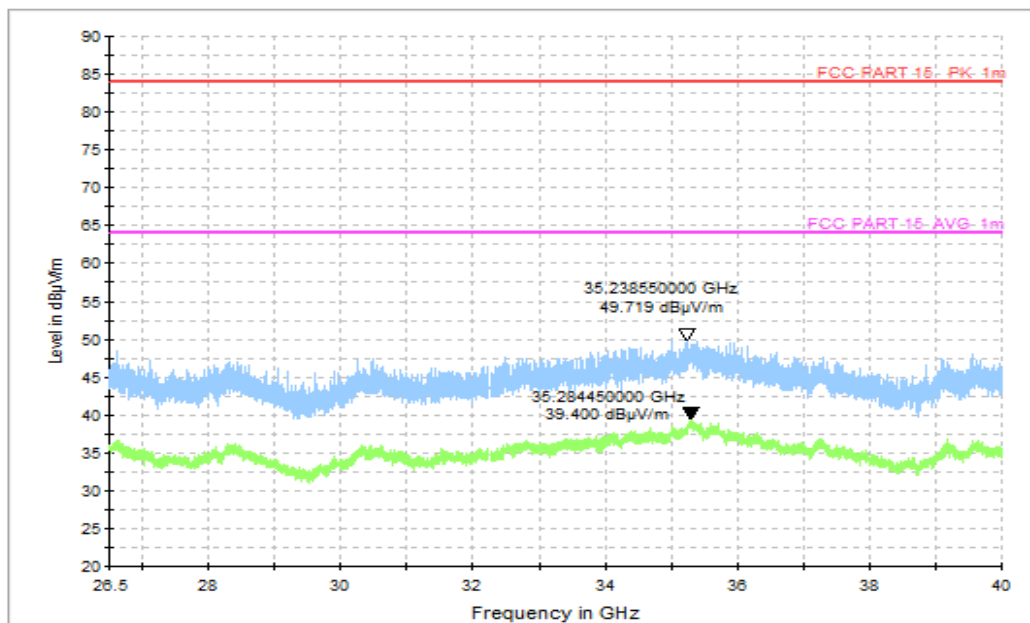


Figure A.1.4. Radiated Emission (Camera , 26.5GHz to 40GHz)

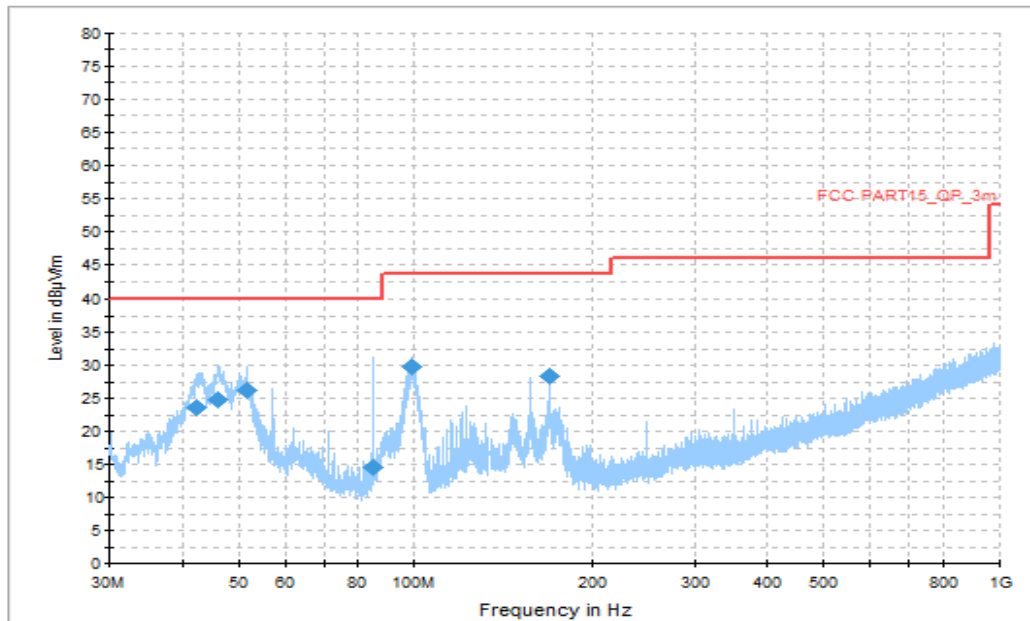


Figure A.1.5. Radiated Emission (Video Player , 30MHz to 1GHz)

Final_Results

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	ARpl (dB/m)	P _{Mea} (dBμV)
42.416000	23.50	40.00	16.50	V	-21.9	45.40
46.150500	24.70	40.00	15.30	V	-22.1	46.80
51.485500	26.20	40.00	13.80	V	-22.3	48.50
84.902000	14.50	40.00	25.50	V	-26.8	41.30
98.773000	29.70	43.50	13.80	H	-26.2	55.90
169.001000	28.40	43.50	15.10	V	-23.8	52.20

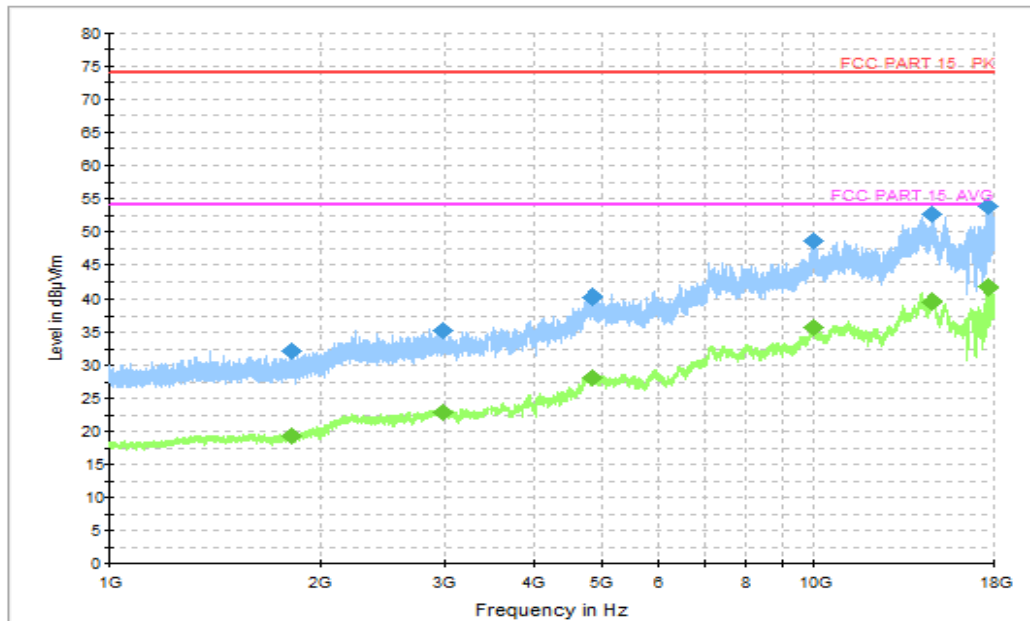


Figure A.1.6. Radiated Emission (Video Player , 1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBμV)
1818.000000	32.20	74.00	41.80	H	-19.3	51.50
2976.600000	35.20	74.00	38.80	V	-14.3	49.50
4819.200000	40.30	74.00	33.70	H	-7	47.30
9990.400000	48.50	74.00	25.50	V	1.9	46.60
14719.500000	52.50	74.00	21.50	H	6.5	46.00
17698.400000	53.90	74.00	20.10	V	11.4	42.50

Final_Results_AVG

Frequency(MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBμV)
1818.000000	19.30	54.00	34.70	H	-19.3	38.60
2976.600000	22.80	54.00	31.20	V	-14.3	37.10
4819.200000	28.00	54.00	26.00	H	-7	35.00
9990.400000	35.60	54.00	18.40	V	1.9	33.70
14719.500000	39.50	54.00	14.50	H	6.5	33.00
17698.400000	41.70	54.00	12.30	V	11.4	30.30

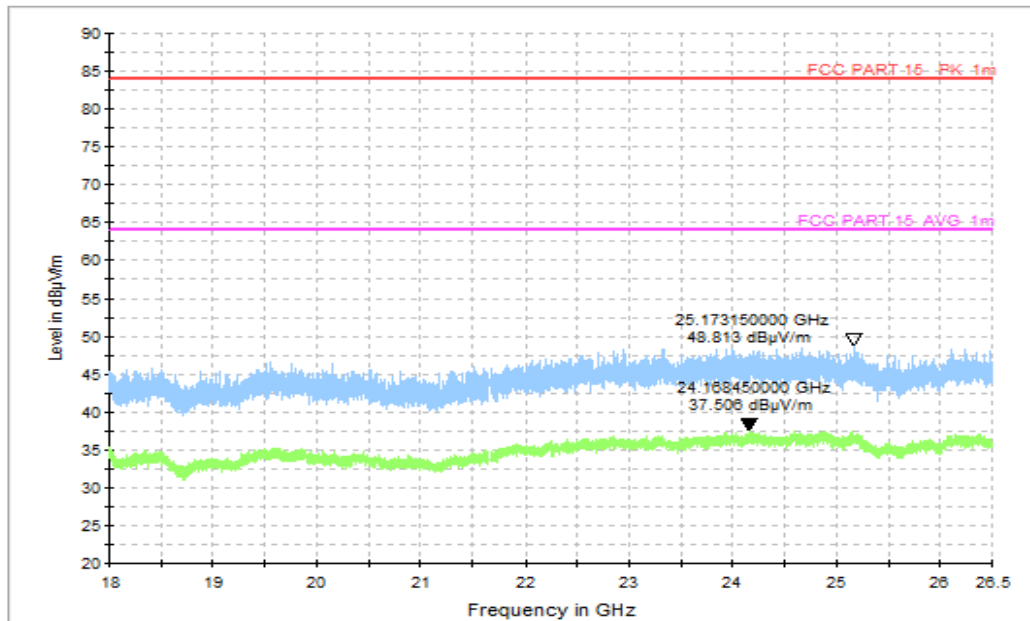


Figure A.1.7. Radiated Emission (Video Player , 18GHz to 26.5GHz)

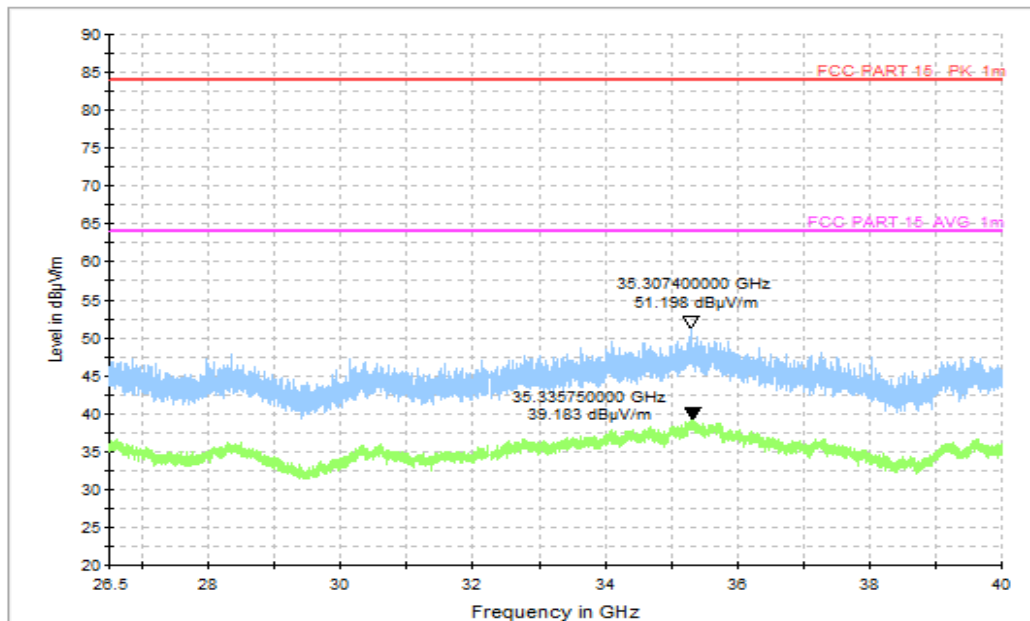


Figure A.1.8. Radiated Emission (Video Player , 26.5GHz to 40GHz)

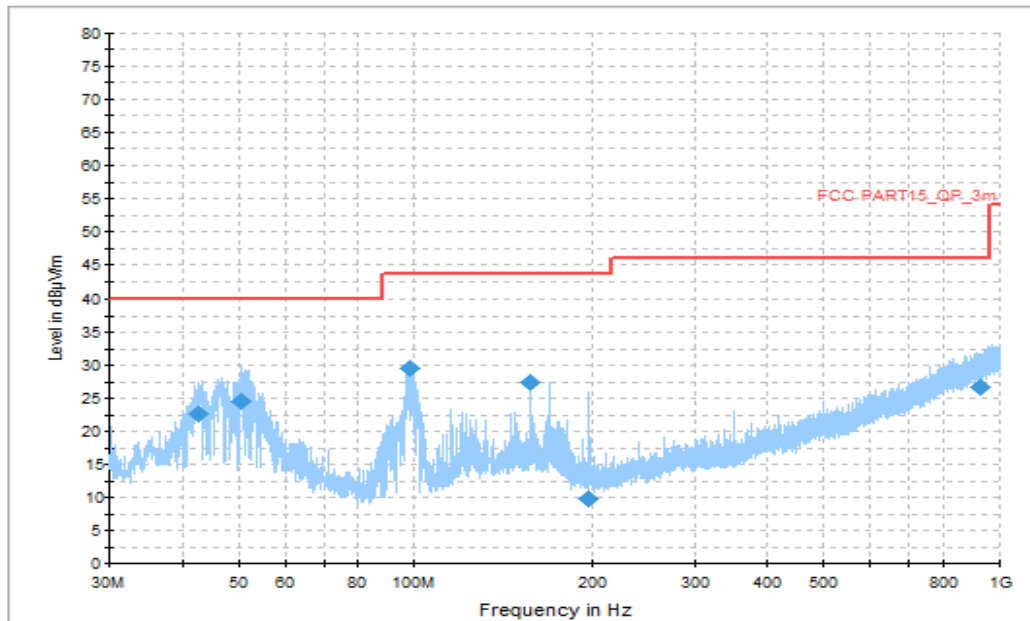


Figure A.1.9. Radiated Emission (GSM receiver 850MHz, 30MHz to 1GHz)
Final_Results

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	ARpl (dB/m)	P _{Mea} (dBμV)
42.513000	22.60	40.00	17.40	V	-21.9	44.50
50.467000	24.40	40.00	15.60	V	-22.2	46.60
97.997000	29.60	43.50	13.90	H	-26.3	55.90
156.973000	27.40	43.50	16.10	V	-22.8	50.20
198.004000	9.80	43.50	33.70	H	-25.6	35.40
923.855000	26.70	46.00	19.40	V	-9.2	35.90

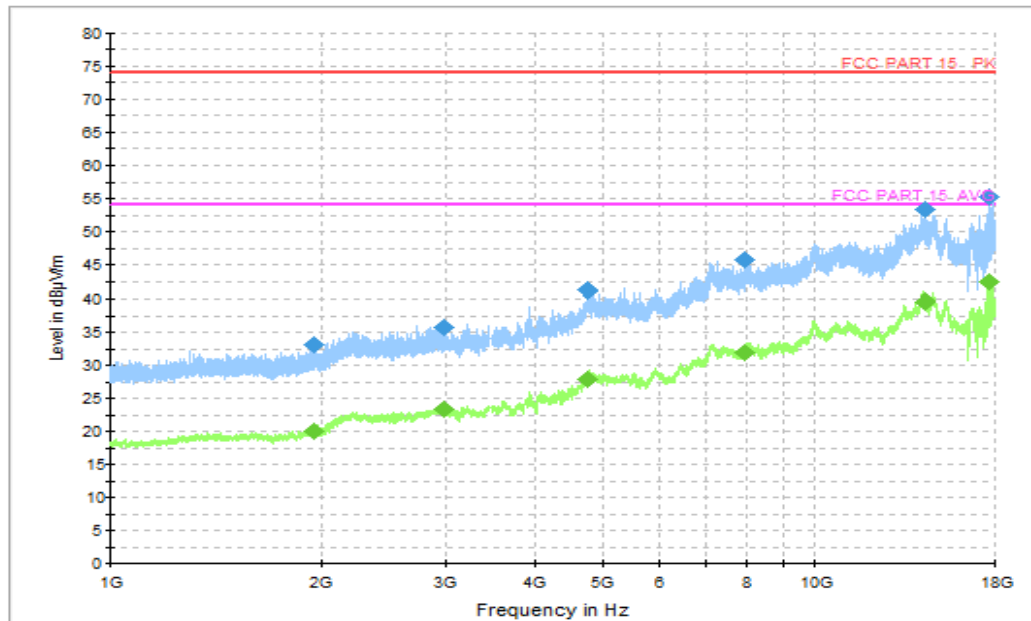


Figure A.1.10. Radiated Emission (GSM receiver 850MHz , 1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBμV)
1947.800000	33.00	74.00	41.00	H	-18.3	51.30
2981.000000	35.70	74.00	38.30	H	-14.3	50.00
4748.000000	41.20	74.00	32.80	H	-7	48.20
7932.800000	45.80	74.00	28.20	V	-1.1	46.90
14293.500000	53.20	74.00	20.80	V	6.8	46.40
17704.000000	55.10	74.00	18.90	H	11.4	43.70

Final_Results_AVG

Frequency(MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBμV)
1947.800000	20.00	54.00	34.00	H	-18.3	38.30
2981.000000	23.30	54.00	30.70	H	-14.3	37.60
4748.000000	27.90	54.00	26.10	H	-7	34.90
7932.800000	32.00	54.00	22.00	V	-1.1	33.10
14293.500000	39.40	54.00	14.60	V	6.8	32.60
17704.000000	42.30	54.00	11.70	H	11.4	30.90

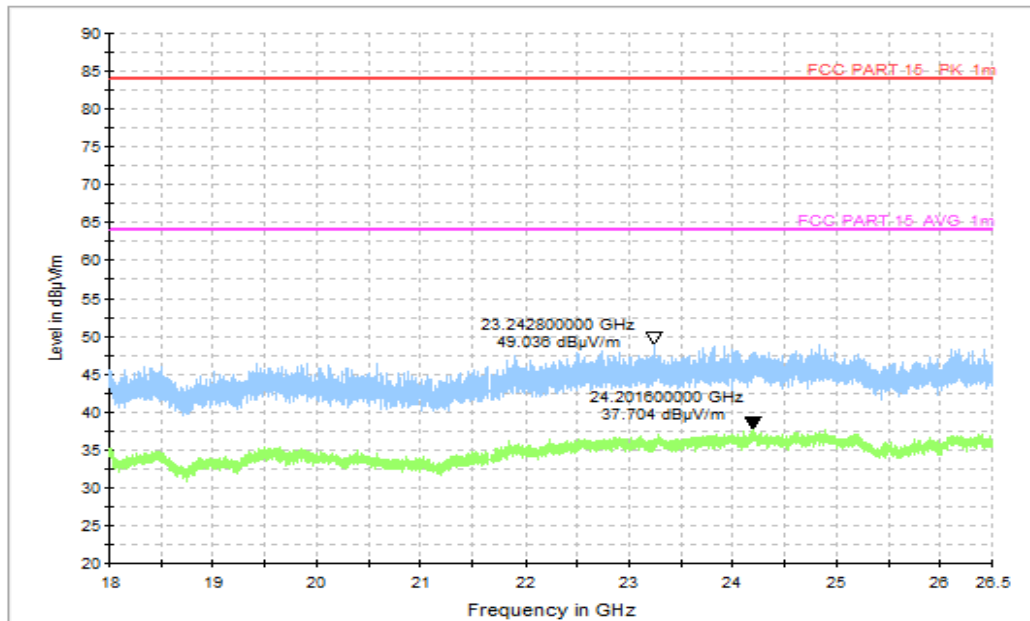


Figure A.1.11. Radiated Emission (GSM receiver 850MHz, 18GHz to 26.5GHz)

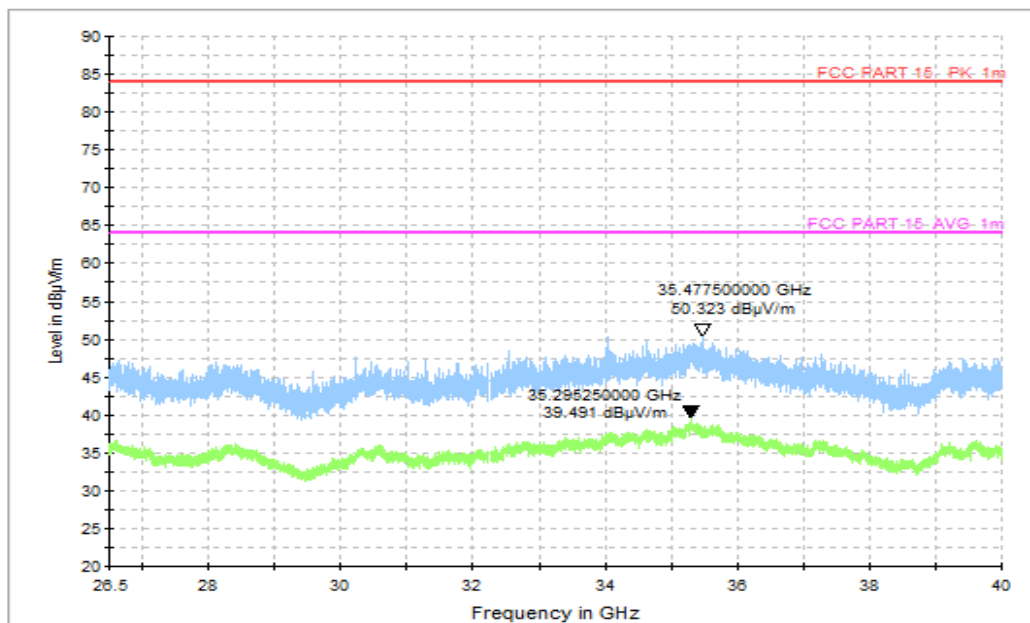


Figure A.1.12. Radiated Emission (GSM receiver 850MHz , 26.5GHz to 40GHz)

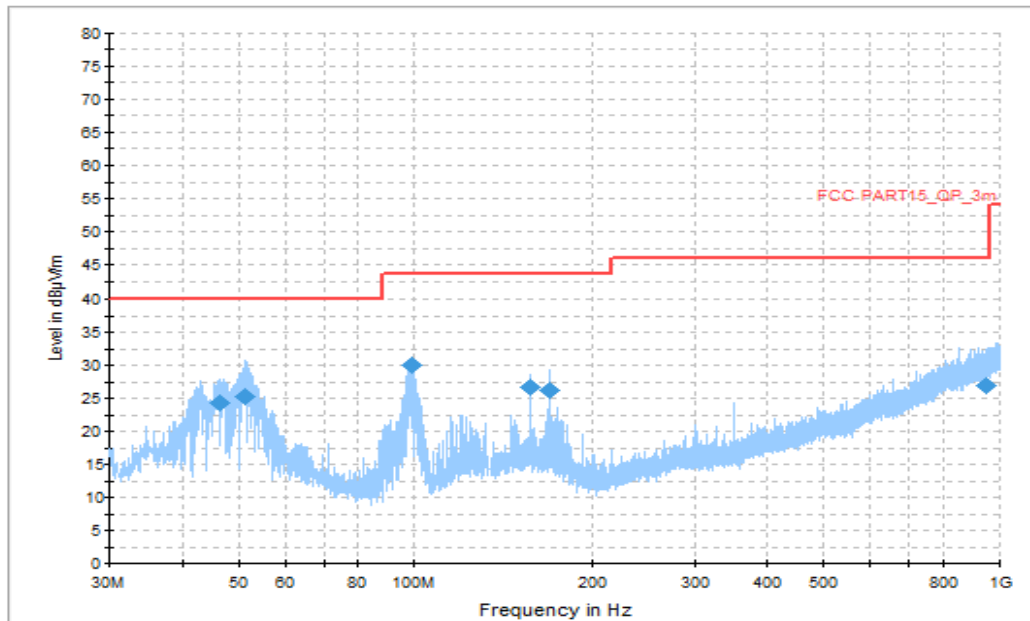


Figure A.1.13. Radiated Emission (WCDMA receiver Band 5, 30MHz to 1GHz)

Final_Results

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	ARpl (dB/m)	P _{Mea} (dBμV)
46.538500	24.40	40.00	15.60	V	-22.1	46.50
51.194500	25.30	40.00	14.70	V	-22.3	47.60
98.821500	30.00	43.50	13.50	H	-26.2	56.20
156.924500	26.70	43.50	16.80	V	-22.8	49.50
169.001000	26.30	43.50	17.20	V	-23.8	50.10
946.407500	26.90	46.00	19.10	V	-8.9	35.80

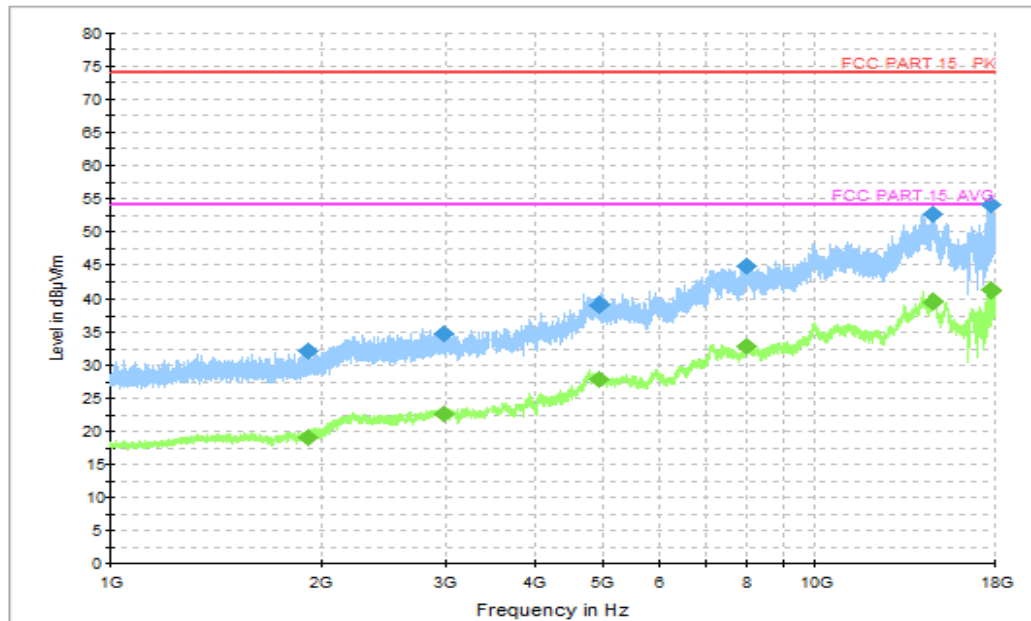


Figure A.1.14. Radiated Emission (WCDMA receiver Band 5, 1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBμV)
1907.600000	32.10	74.00	41.90	V	-18.7	50.80
2989.400000	34.70	74.00	39.30	V	-14.3	49.00
4919.200000	39.10	74.00	34.90	V	-7.3	46.40
7995.200000	44.70	74.00	29.30	V	-0.7	45.40
14710.000000	52.60	74.00	21.40	V	6.5	46.10
17722.000000	54.10	74.00	19.90	H	11.5	42.60

Final_Results_AVG

Frequency(MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBμV)
1907.600000	19.20	54.00	34.80	V	-18.7	37.90
2989.400000	22.70	54.00	31.30	V	-14.3	37.00
4919.200000	27.90	54.00	26.10	V	-7.3	35.20
7995.200000	32.80	54.00	21.20	V	-0.7	33.50
14710.000000	39.50	54.00	14.50	V	6.5	33.00
17722.000000	41.20	54.00	12.80	H	11.5	29.70

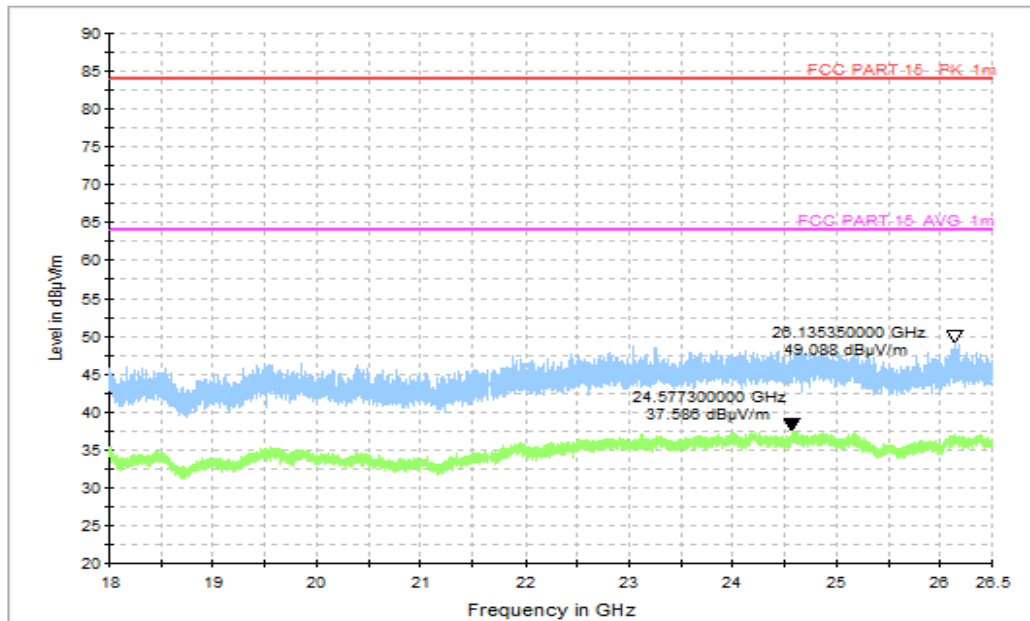


Figure A.1.15. Radiated Emission (WCDMA receiver Band 5, 18GHz to 26.5GHz)

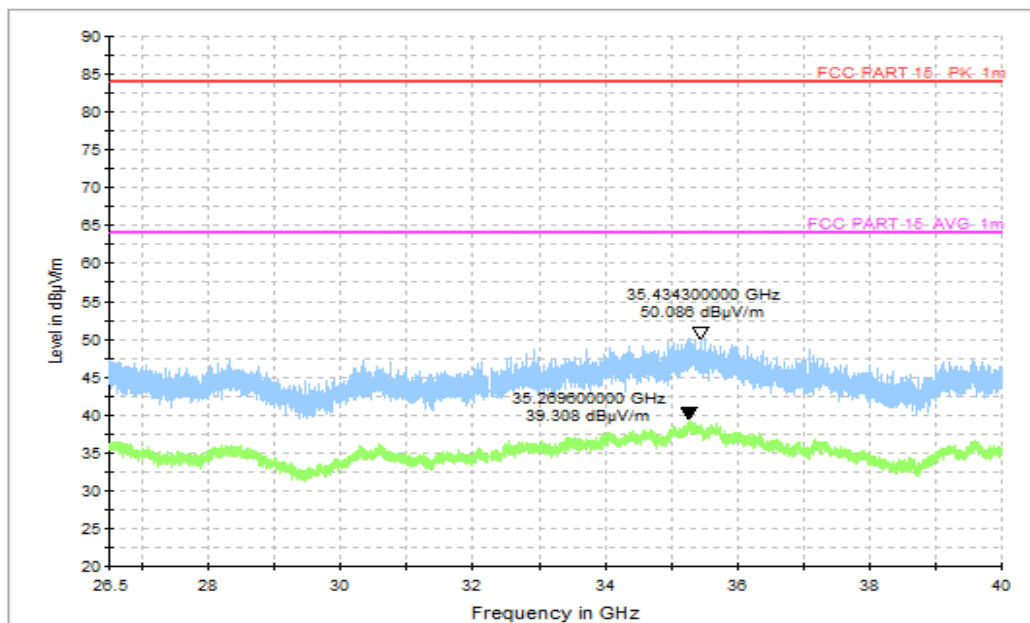


Figure A.1.16. Radiated Emission (WCDMA receiver Band 5, 26.5GHz to 40GHz)

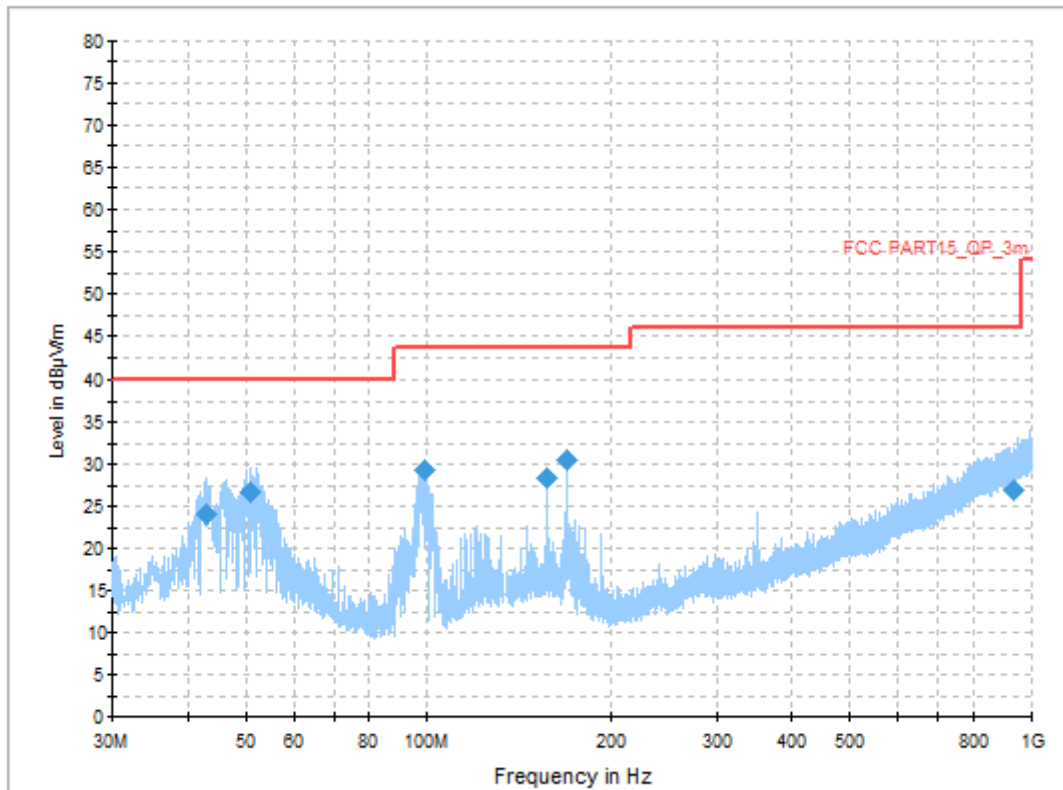


Figure A.1.17. Radiated Emission (LTE receiver Band 5, 30MHz to 1GHz)

Final_Results

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	ARpl (dB/m)	P _{Mea} (dBμV)
43.095000	24.00	40.00	16.00	V	-21.9	45.90
50.758000	26.60	40.00	13.40	V	-22.3	48.90
98.773000	29.40	43.50	14.10	H	-26.2	55.60
156.924500	28.30	43.50	15.20	V	-22.8	51.10
169.049500	30.40	43.50	13.10	V	-23.8	54.20
935.107000	26.80	46.00	19.20	H	-9.1	35.90

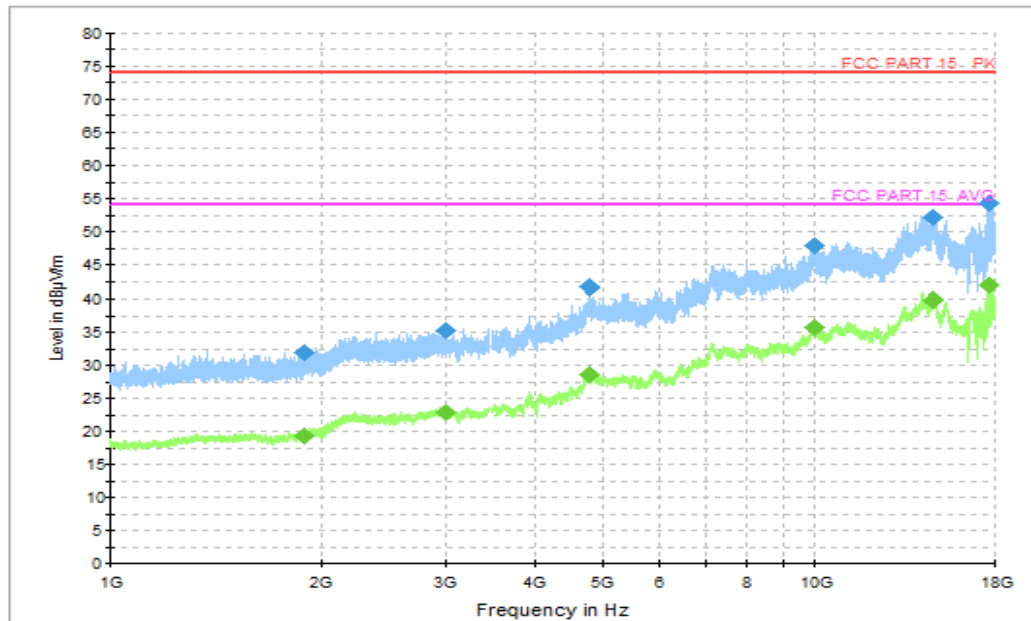


Figure A.1.18. Radiated Emission (LTE receiver Band 5, 1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBμV)
1884.800000	31.90	74.00	42.10	V	-18.9	50.80
2999.800000	35.20	74.00	38.80	H	-14.3	49.50
4763.200000	41.60	74.00	32.40	V	-6.9	48.50
9948.800000	47.80	74.00	26.20	V	2.2	45.60
14711.000000	52.10	74.00	21.90	H	6.5	45.60
17696.000000	54.20	74.00	19.80	H	11.4	42.80

Final_Results_AVG

Frequency(MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBμV)
1884.800000	19.20	54.00	34.80	V	-18.9	38.10
2999.800000	22.80	54.00	31.20	H	-14.3	37.10
4763.200000	28.70	54.00	25.30	V	-6.9	35.60
9948.800000	35.60	54.00	18.40	V	2.2	33.40
14711.000000	39.90	54.00	14.10	H	6.5	33.40
17696.000000	41.80	54.00	12.20	H	11.4	30.40

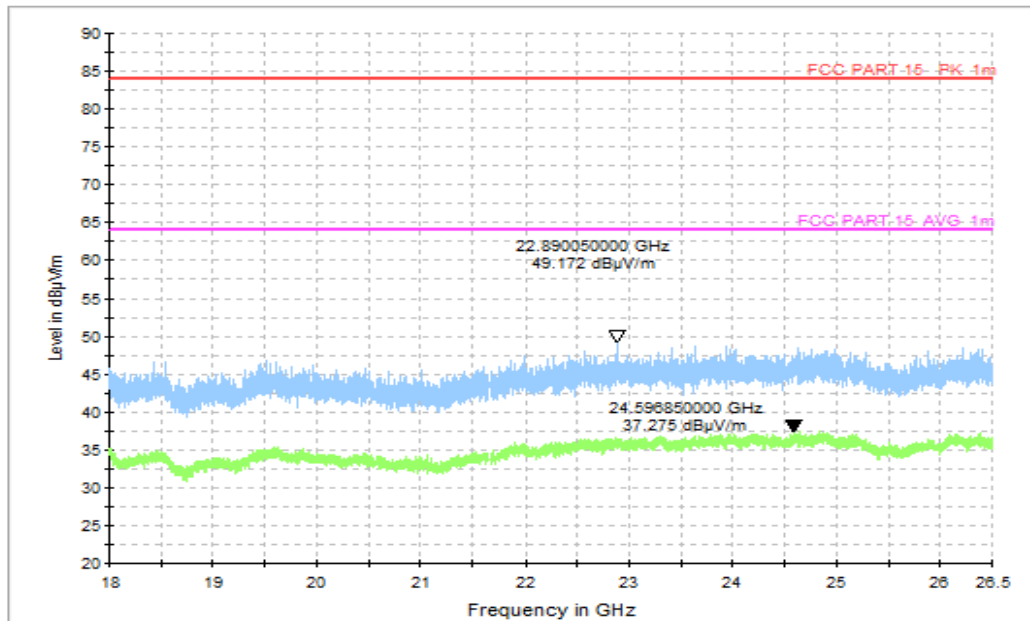


Figure A.1.19. Radiated Emission (LTE receiver Band 5, 18GHz to 26.5GHz)

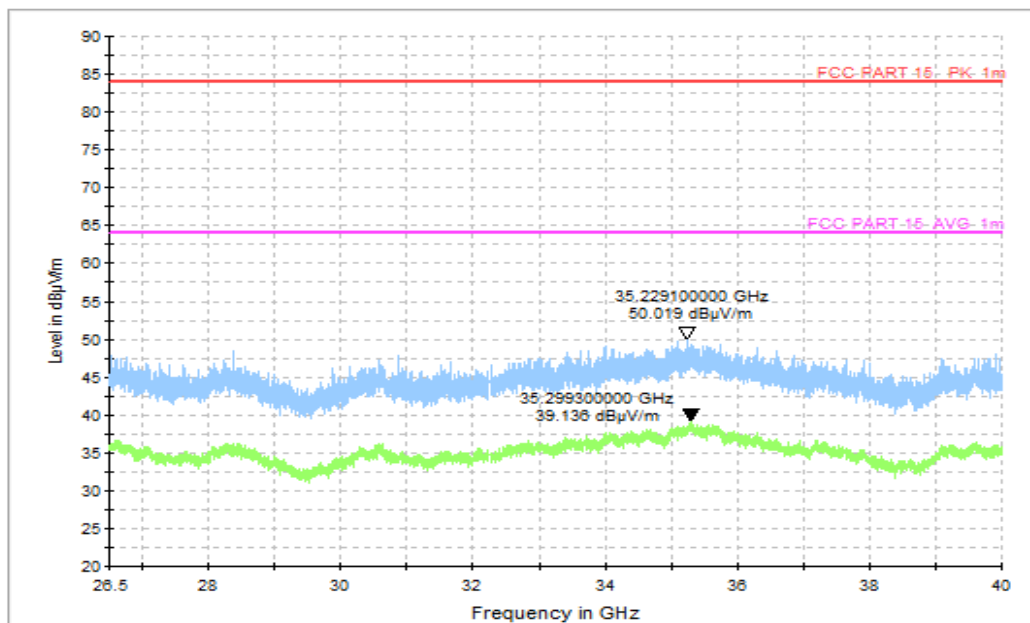


Figure A.1.20. Radiated Emission (LTE receiver Band 5, 26.5GHz to 40GHz)

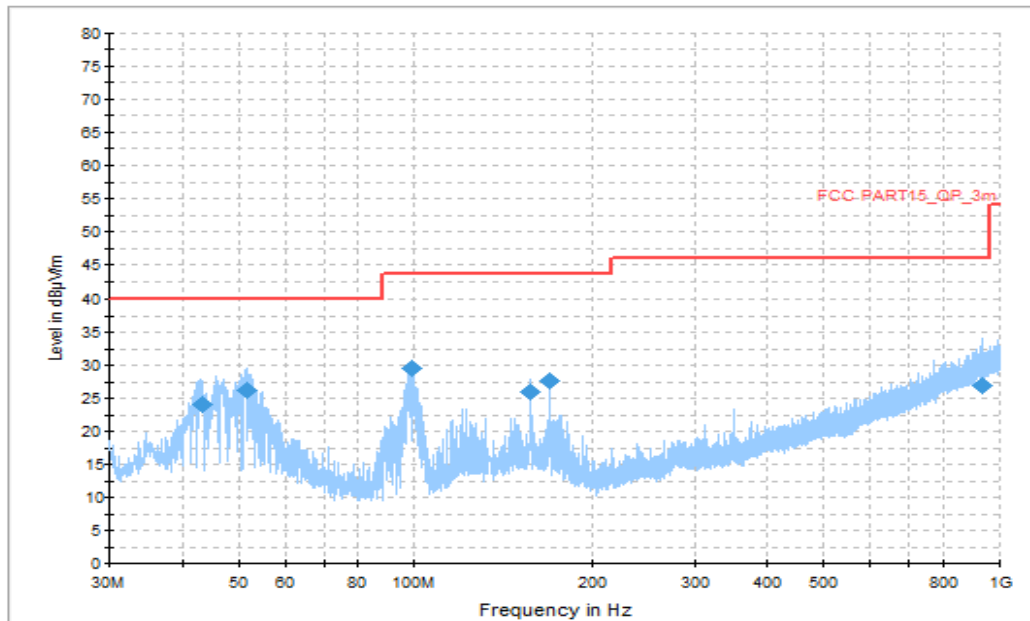


Figure A.1.21. Radiated Emission (LTE receiver Band 12, 30MHz to 1GHz)

Final_Results

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	ARpl (dB/m)	P _{Mea} (dBμV)
43.289000	24.00	40.00	16.00	V	-21.9	45.90
51.485500	26.30	40.00	13.70	V	-22.3	48.60
98.821500	29.60	43.50	13.90	H	-26.2	55.80
156.924500	26.00	43.50	17.50	V	-22.8	48.80
169.049500	27.60	43.50	15.90	H	-23.8	51.40
933.506500	26.80	46.00	19.20	V	-9.1	35.90

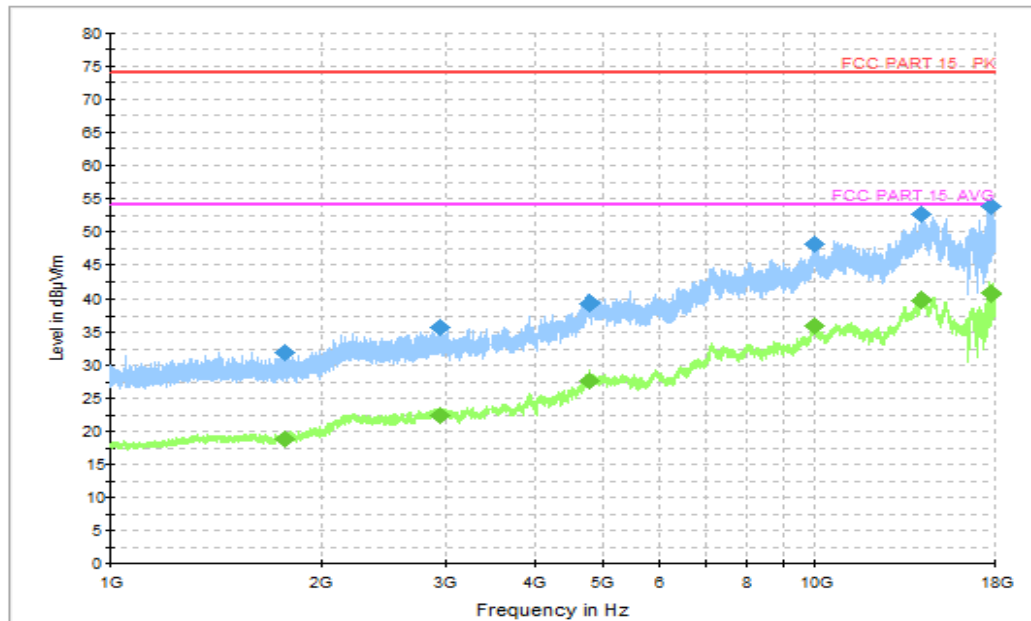


Figure A.1.22. Radiated Emission (LTE receiver Band 12, 1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBμV)
1771.400000	32.00	74.00	42.00	H	-19.5	51.50
2942.200000	35.60	74.00	38.40	V	-14.5	50.10
4779.200000	39.20	74.00	34.80	H	-6.8	46.00
9954.400000	48.00	74.00	26.00	H	2.1	45.90
14175.500000	52.60	74.00	21.40	V	7	45.60
17749.600000	53.80	74.00	20.20	V	11.6	42.20

Final_Results_AVG

Frequency(MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBμV)
1771.400000	18.80	54.00	35.20	H	-19.5	38.30
2942.200000	22.50	54.00	31.50	V	-14.5	37.00
4779.200000	27.70	54.00	26.30	H	-6.8	34.50
9954.400000	36.00	54.00	18.00	H	2.1	33.90
14175.500000	39.80	54.00	14.20	V	7	32.80
17749.600000	40.80	54.00	13.20	V	11.6	29.20

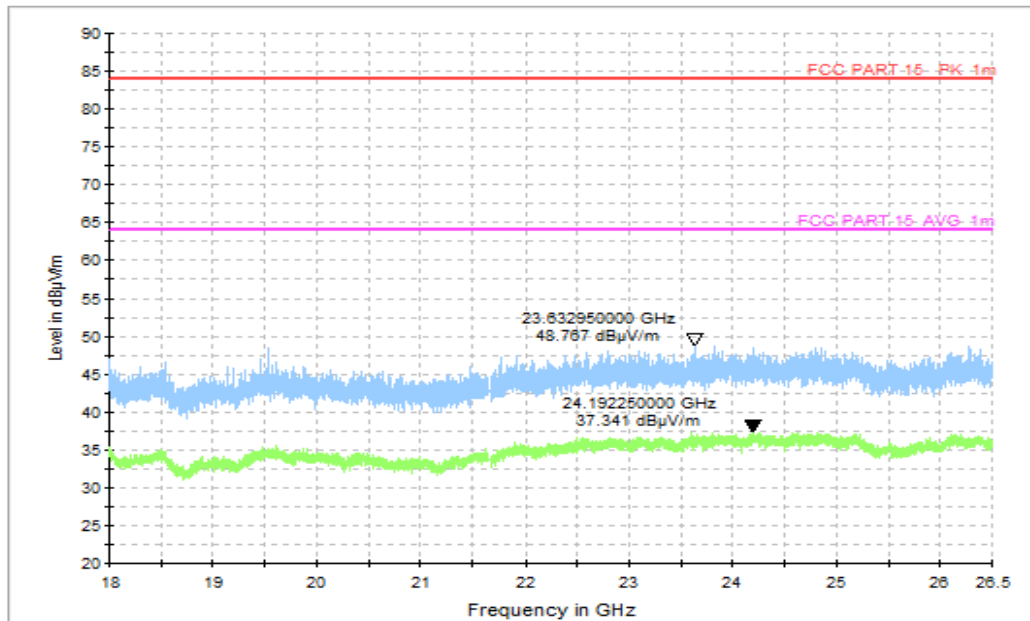


Figure A.1.23. Radiated Emission (LTE receiver Band 12, 18GHz to 26.5GHz)

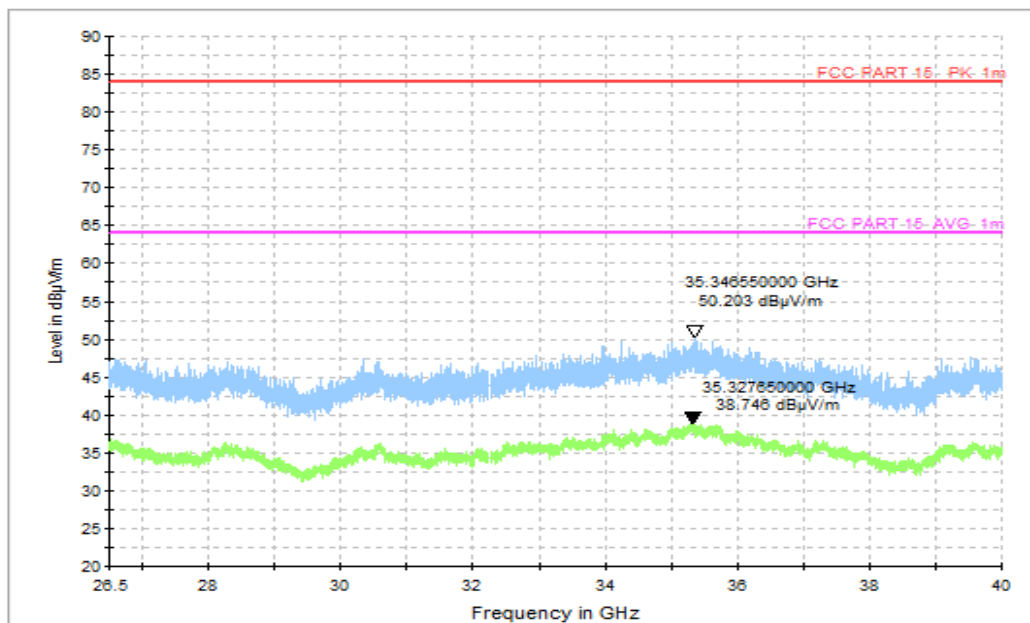


Figure A.1.24. Radiated Emission (LTE receiver Band 12, 26.5GHz to 40GHz)

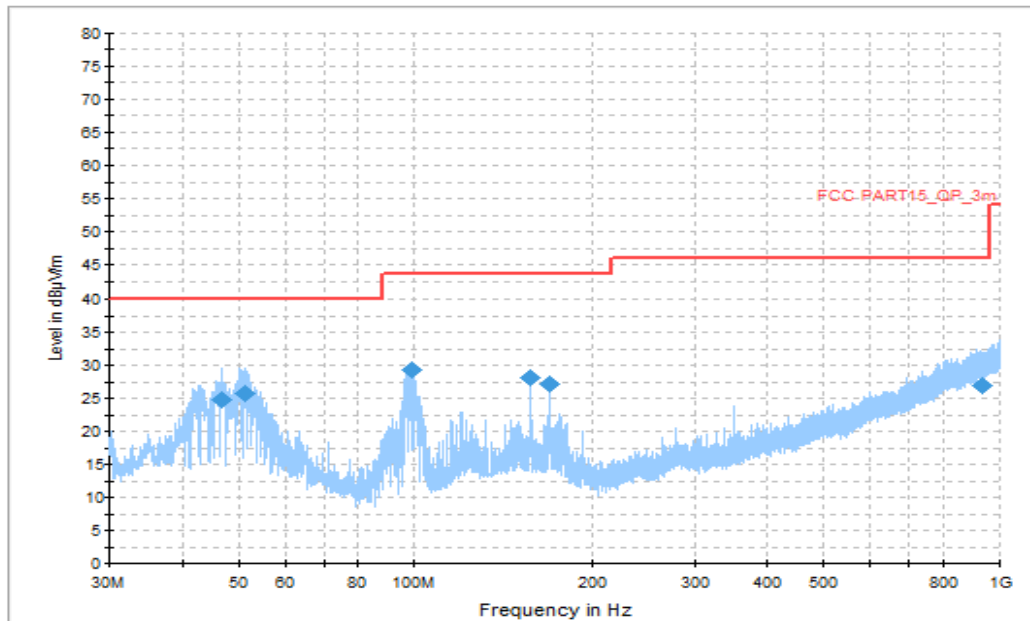


Figure A.1.25. Radiated Emission (LTE receiver Band 13, 30MHz to 1GHz)

Final_Results

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	ARpl (dB/m)	P _{Mea} (dBμV)
46.635500	24.80	40.00	15.20	V	-22.1	46.90
51.291500	25.70	40.00	14.30	V	-22.3	48.00
98.676000	29.40	43.50	14.10	H	-26.2	55.60
156.924500	28.10	43.50	15.50	V	-22.8	50.90
169.146500	27.10	43.50	16.40	V	-23.8	50.90
931.954500	26.90	46.00	19.10	H	-9.1	36.00

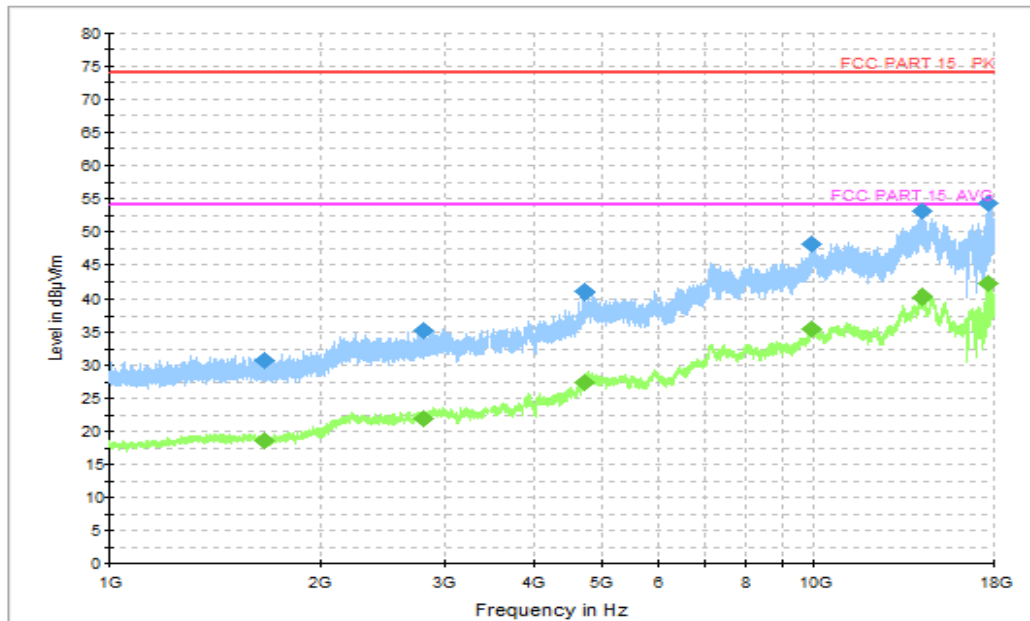


Figure A.1.26. Radiated Emission (LTE receiver Band 13, 1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBμV)
1665.200000	30.70	74.00	43.30	H	-19.8	50.50
2795.800000	35.20	74.00	38.80	H	-15.2	50.40
4720.800000	40.90	74.00	33.10	V	-7.2	48.10
9897.600000	48.00	74.00	26.00	V	1.8	46.20
14231.000000	53.00	74.00	21.00	V	7.1	45.90
17700.800000	54.40	74.00	19.60	H	11.4	43.00

Final_Results_AVG

Frequency(MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBμV)
1665.200000	18.50	54.00	35.50	H	-19.8	38.30
2795.800000	21.80	54.00	32.20	H	-15.2	37.00
4720.800000	27.40	54.00	26.60	V	-7.2	34.60
9897.600000	35.50	54.00	18.50	V	1.8	33.70
14231.000000	40.30	54.00	13.70	V	7.1	33.20
17700.800000	42.10	54.00	11.90	H	11.4	30.70

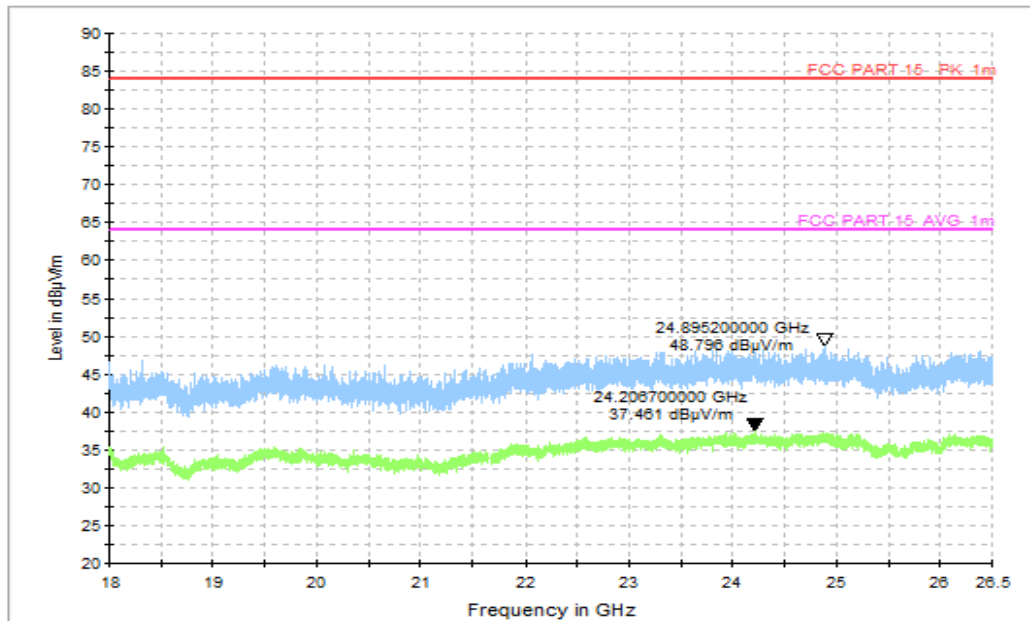


Figure A.1.27. Radiated Emission (LTE receiver Band 13, 18GHz to 26.5GHz)

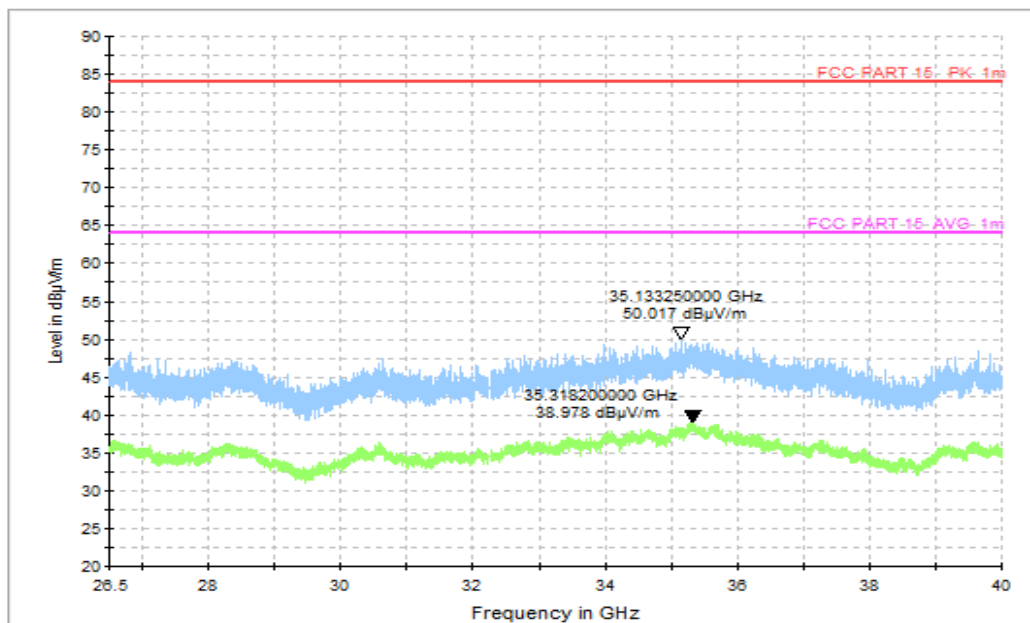


Figure A.1.28. Radiated Emission (LTE receiver Band 13, 26.5GHz to 40GHz)

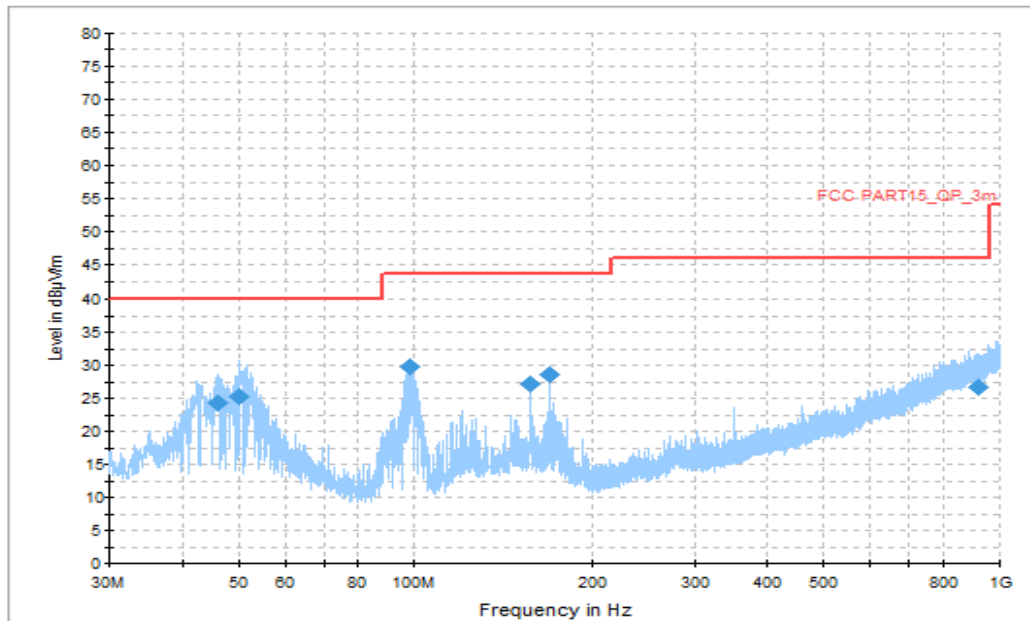


Figure A.1.29. Radiated Emission (LTE receiver Band 17, 30MHz to 1GHz)

Final_Results

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	ARpl (dB/m)	P _{Mea} (dBμV)
46.199000	24.30	40.00	15.70	V	-22.1	46.40
49.982000	25.20	40.00	14.80	V	-22.2	47.40
98.239500	29.70	43.50	13.80	H	-26.3	56.00
156.924500	27.10	43.50	16.40	V	-22.8	49.90
169.049500	28.70	43.50	14.90	V	-23.8	52.50
922.545500	26.70	46.00	19.30	V	-9.2	35.90

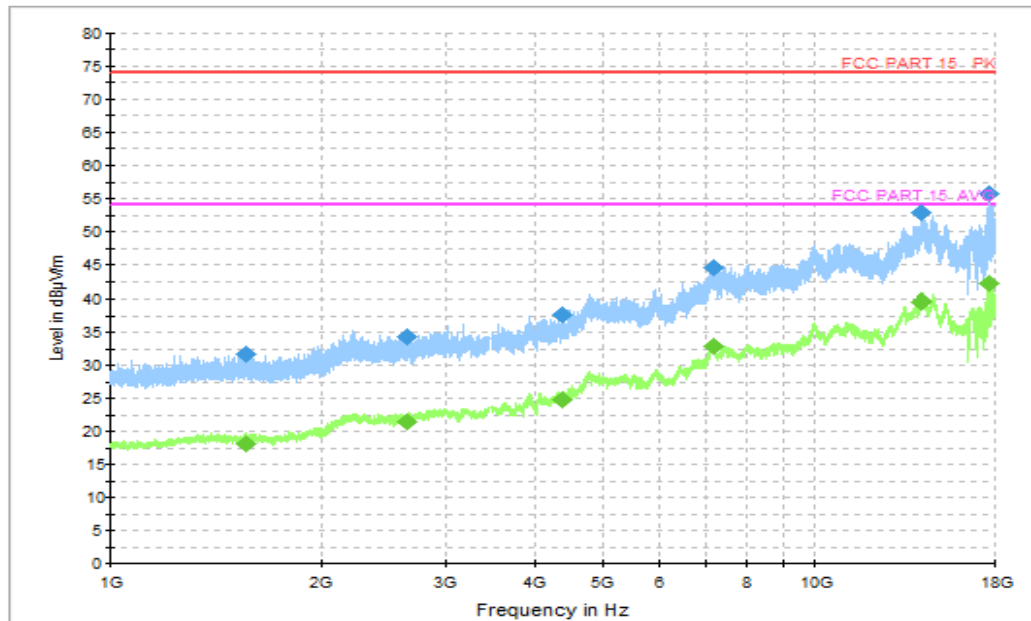


Figure A.1.30. Radiated Emission (LTE receiver Band 17, 1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBμV)
1562.400000	31.80	74.00	42.20	V	-19.9	51.70
2635.600000	34.20	74.00	39.80	H	-15.4	49.60
4360.000000	37.70	74.00	36.30	V	-10.3	48.00
7154.400000	44.50	74.00	29.50	V	-0.9	45.40
14177.000000	53.00	74.00	21.00	V	7.1	45.90
17698.800000	55.60	74.00	18.40	H	11.4	44.20

Final_Results_AVG

Frequency(MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBμV)
1562.400000	18.20	54.00	35.80	V	-19.9	38.10
2635.600000	21.30	54.00	32.70	H	-15.4	36.70
4360.000000	24.70	54.00	29.30	V	-10.3	35.00
7154.400000	32.90	54.00	21.10	V	-0.9	33.80
14177.000000	39.60	54.00	14.40	V	7.1	32.50
17698.800000	42.20	54.00	11.80	H	11.4	30.80

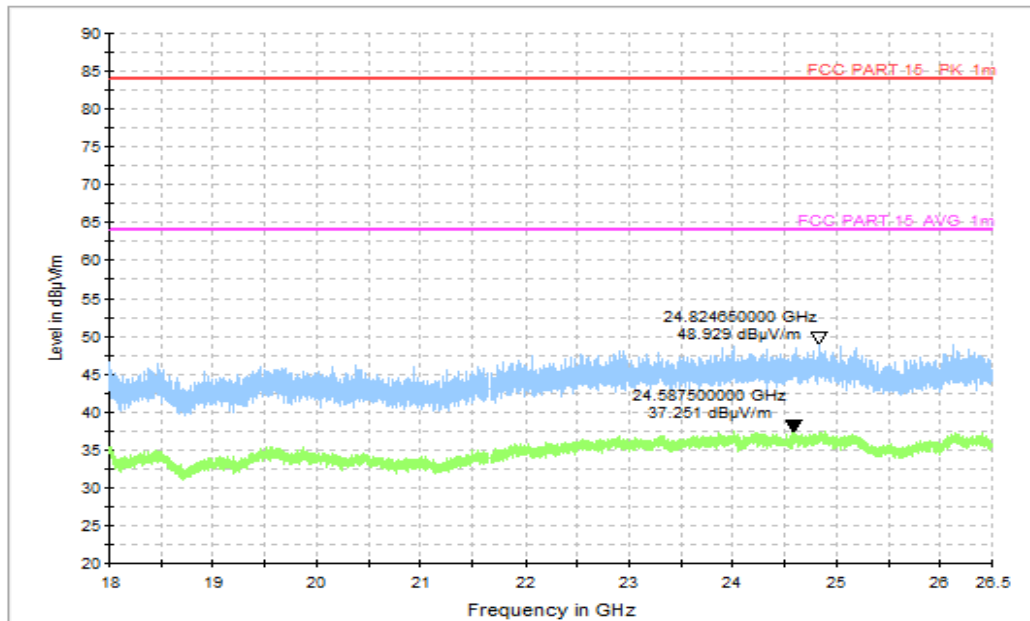


Figure A.1.31. Radiated Emission (LTE receiver Band 17, 18GHz to 26.5GHz)

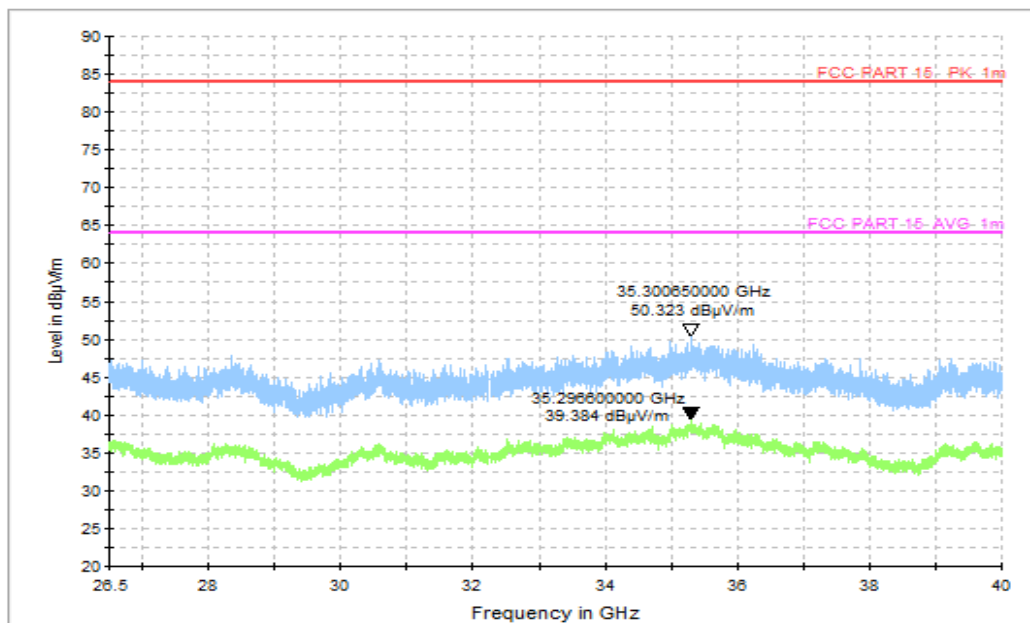


Figure A.1.32. Radiated Emission (LTE receiver Band 17, 26.5GHz to 40GHz)

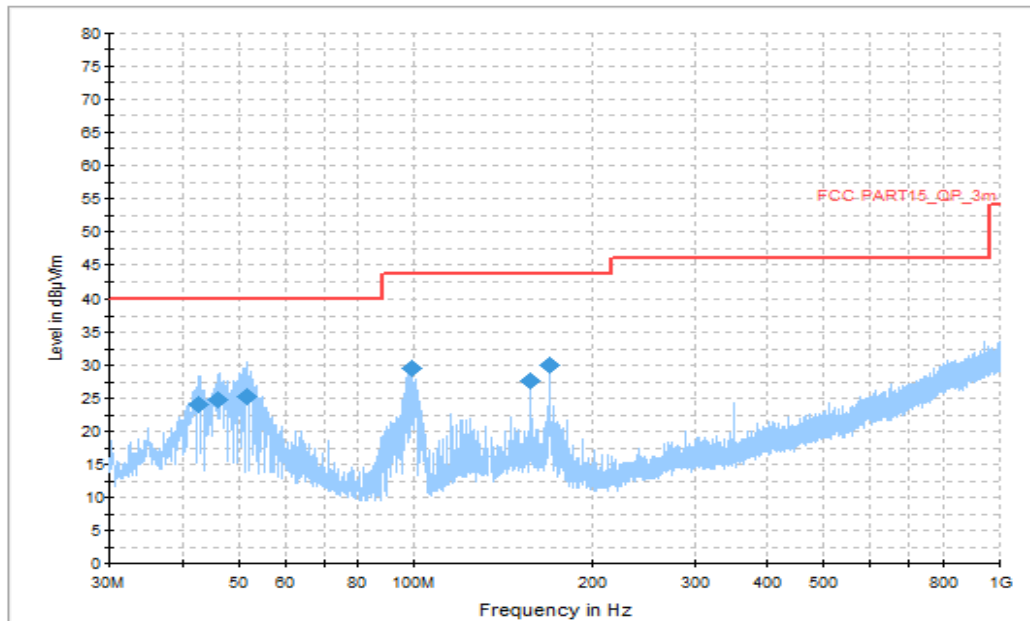


Figure A.1.33. Radiated Emission (LTE receiver Band 18, 30MHz to 1GHz)

Final_Results

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	ARpl (dB/m)	P _{Mea} (dBμV)
42.610000	24.10	40.00	15.90	V	-21.9	46.00
46.005000	24.80	40.00	15.20	V	-22.1	46.90
51.679500	25.30	40.00	14.70	V	-22.3	47.60
98.870000	29.50	43.50	14.00	H	-26.2	55.70
156.924500	27.50	43.50	16.00	V	-22.8	50.30
169.001000	30.00	43.50	13.50	V	-23.8	53.80

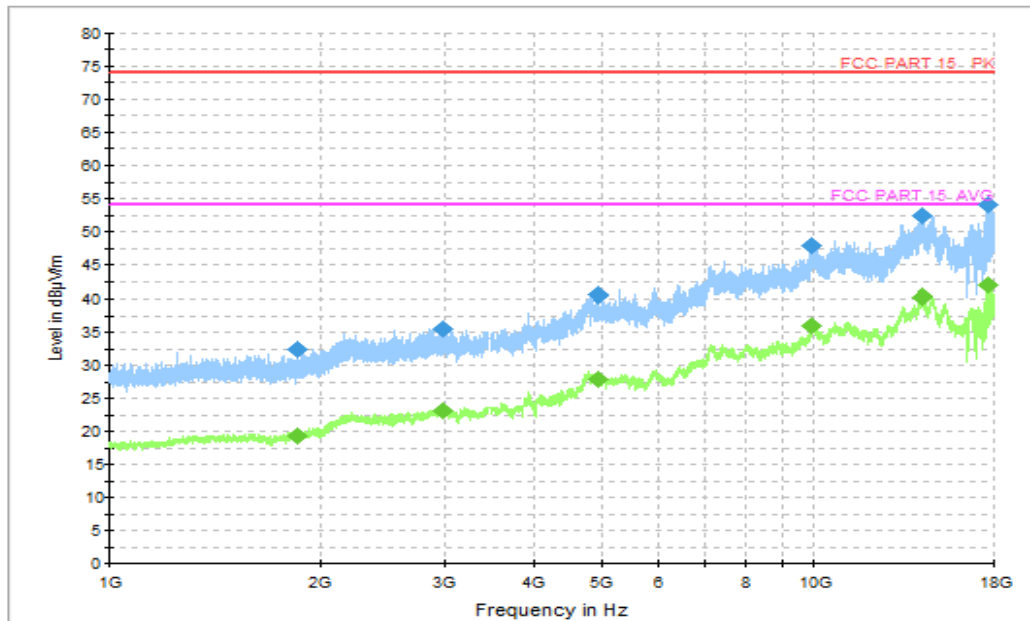


Figure A.1.34. Radiated Emission (LTE receiver Band 18, 1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBμV)
1854.600000	32.50	74.00	41.50	V	-19.2	51.70
2979.200000	35.40	74.00	38.60	V	-14.3	49.70
4929.600000	40.40	74.00	33.60	V	-7.3	47.70
9936.000000	47.90	74.00	26.10	H	2.1	45.80
14222.000000	52.30	74.00	21.70	V	7.2	45.10
17696.800000	53.90	74.00	20.10	H	11.4	42.50

Final_Results_AVG

Frequency(MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBμV)
1854.600000	19.30	54.00	34.70	V	-19.2	38.50
2979.200000	23.00	54.00	31.00	V	-14.3	37.30
4929.600000	27.90	54.00	26.10	V	-7.3	35.20
9936.000000	35.90	54.00	18.10	H	2.1	33.80
14222.000000	40.30	54.00	13.70	V	7.2	33.10
17696.800000	41.90	54.00	12.10	H	11.4	30.50

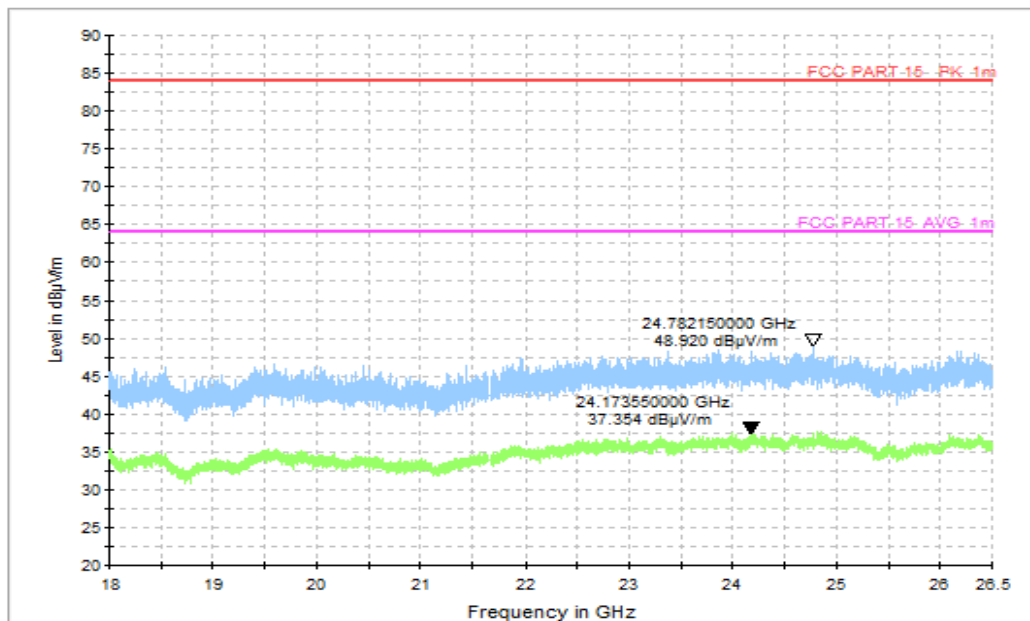


Figure A.1.35. Radiated Emission (LTE receiver Band 18, 18GHz to 26.5GHz)

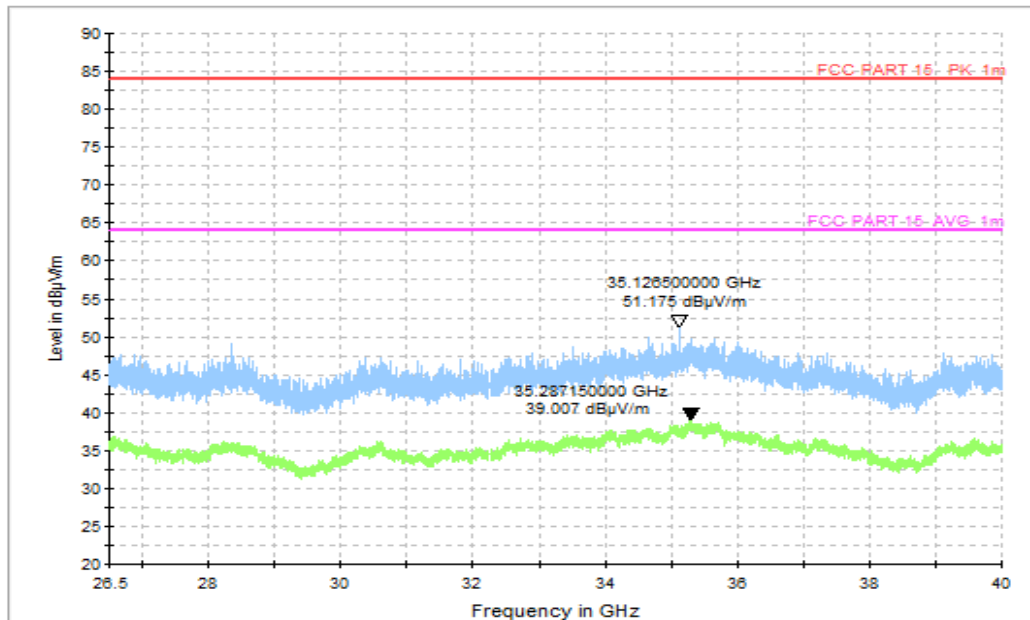


Figure A.1.36. Radiated Emission (LTE receiver Band 18, 26.5GHz to 40GHz)

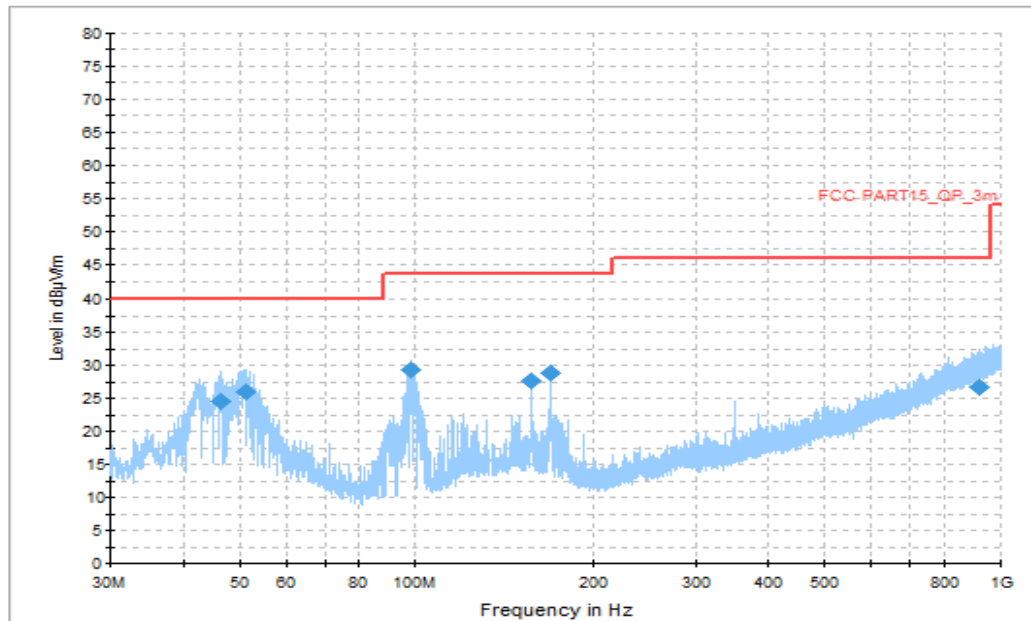


Figure A.1.37. Radiated Emission (LTE receiver Band 19, 30MHz to 1GHz)

Final_Results

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	ARpl (dB/m)	P _{Mea} (dBμV)
46.296000	24.60	40.00	15.40	V	-22.1	46.70
51.146000	25.90	40.00	14.10	V	-22.3	48.20
98.627500	29.40	43.50	14.20	H	-26.2	55.60
156.924500	27.70	43.50	15.80	V	-22.8	50.50
169.049500	28.90	43.50	14.60	V	-23.8	52.70
917.889500	26.70	46.00	19.30	V	-9.2	35.90

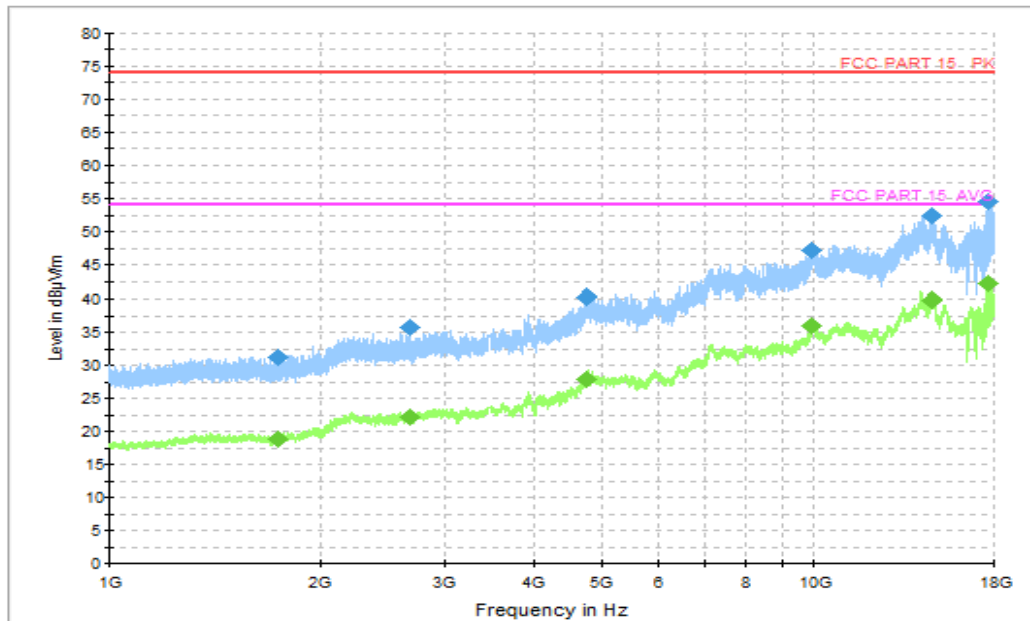


Figure A.1.38. Radiated Emission (LTE receiver Band 19, 1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBμV)
1742.800000	31.10	74.00	42.90	V	-19.7	50.80
2669.600000	35.70	74.00	38.30	V	-15.4	51.10
4738.400000	40.30	74.00	33.70	V	-7.1	47.40
9938.400000	47.20	74.00	26.80	H	2.1	45.10
14688.500000	52.40	74.00	21.60	H	6.4	46.00
17705.200000	54.60	74.00	19.40	V	11.4	43.20

Final_Results_AVG

Frequency(MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBμV)
1742.800000	18.80	54.00	35.20	V	-19.7	38.50
2669.600000	22.00	54.00	32.00	V	-15.4	37.40
4738.400000	27.80	54.00	26.20	V	-7.1	34.90
9938.400000	35.90	54.00	18.10	H	2.1	33.80
14688.500000	39.80	54.00	14.20	H	6.4	33.40
17705.200000	42.20	54.00	11.80	V	11.4	30.80

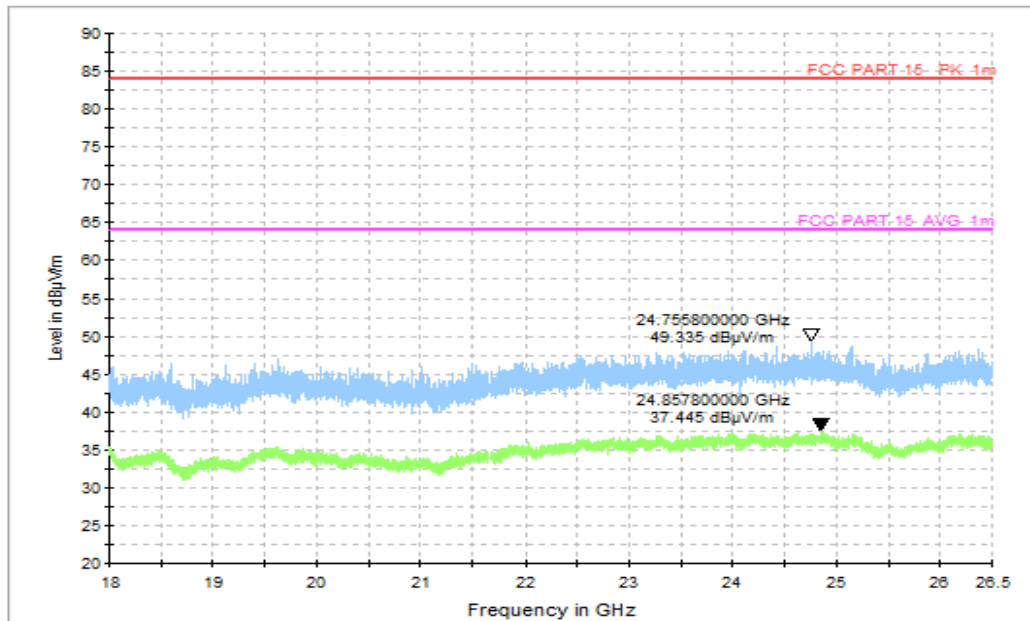


Figure A.1.39. Radiated Emission (LTE receiver Band 19, 18GHz to 26.5GHz)

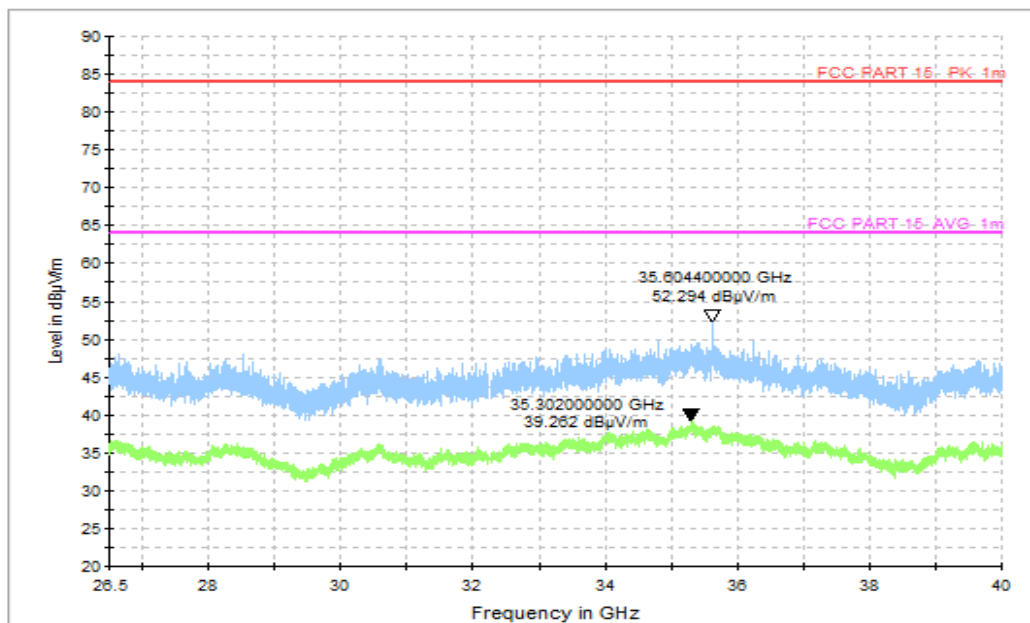


Figure A.1.40. Radiated Emission (LTE receiver Band 19, 26.5GHz to 40GHz)

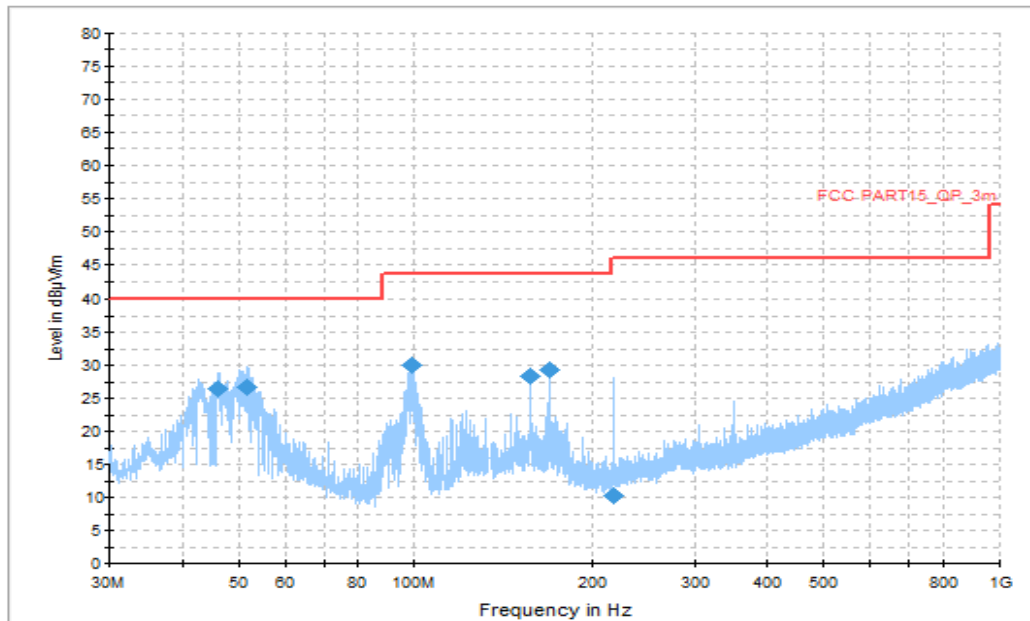


Figure A.1.41. Radiated Emission (LTE receiver Band 26, 30MHz to 1GHz)

Final_Results

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	ARpl (dB/m)	P _{Mea} (dBμV)
46.150500	26.30	40.00	13.70	V	-22.1	48.40
51.534000	26.60	40.00	13.40	H	-22.3	48.90
98.773000	29.90	43.50	13.60	H	-26.2	56.10
156.924500	28.20	43.50	15.30	V	-22.8	51.00
168.952500	29.30	43.50	14.20	V	-23.8	53.10
218.228500	10.20	46.00	35.80	H	-25	35.20

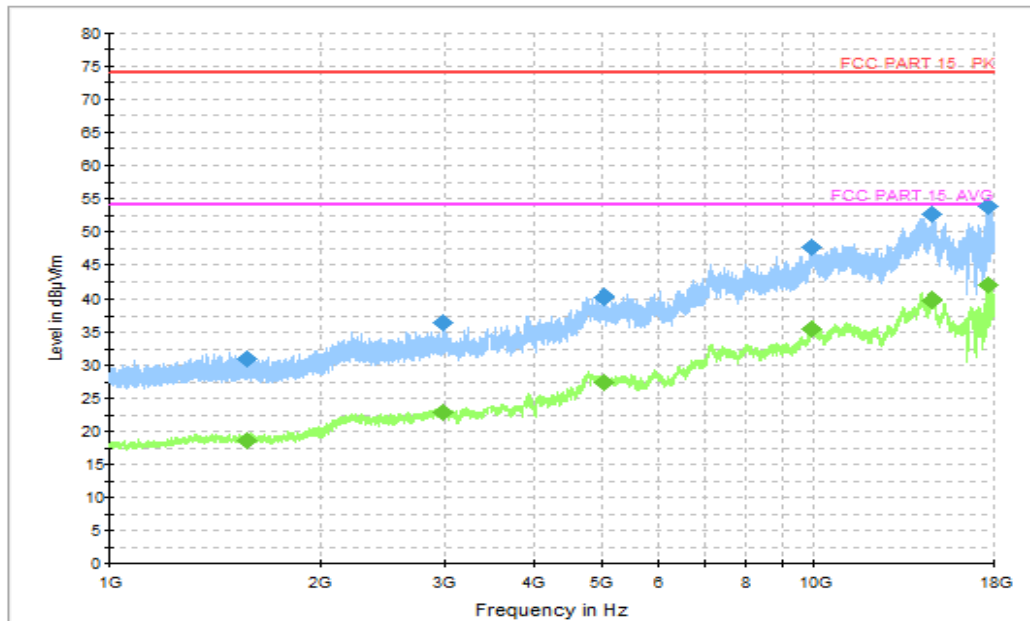


Figure A.1.42. Radiated Emission (LTE receiver Band 26, 1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBμV)
1571.600000	30.90	74.00	43.10	V	-19.8	50.70
2981.600000	36.50	74.00	37.50	H	-14.3	50.80
5019.200000	40.10	74.00	33.90	V	-7.5	47.60
9921.600000	47.70	74.00	26.30	H	2	45.70
14732.500000	52.60	74.00	21.40	H	6.6	46.00
17706.000000	53.90	74.00	20.10	H	11.4	42.50

Final_Results_AVG

Frequency(MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBμV)
1571.600000	18.60	54.00	35.40	V	-19.8	38.40
2981.600000	22.90	54.00	31.10	H	-14.3	37.20
5019.200000	27.50	54.00	26.50	V	-7.5	35.00
9921.600000	35.40	54.00	18.60	H	2	33.40
14732.500000	39.70	54.00	14.30	H	6.6	33.10
17706.000000	41.80	54.00	12.20	H	11.4	30.40

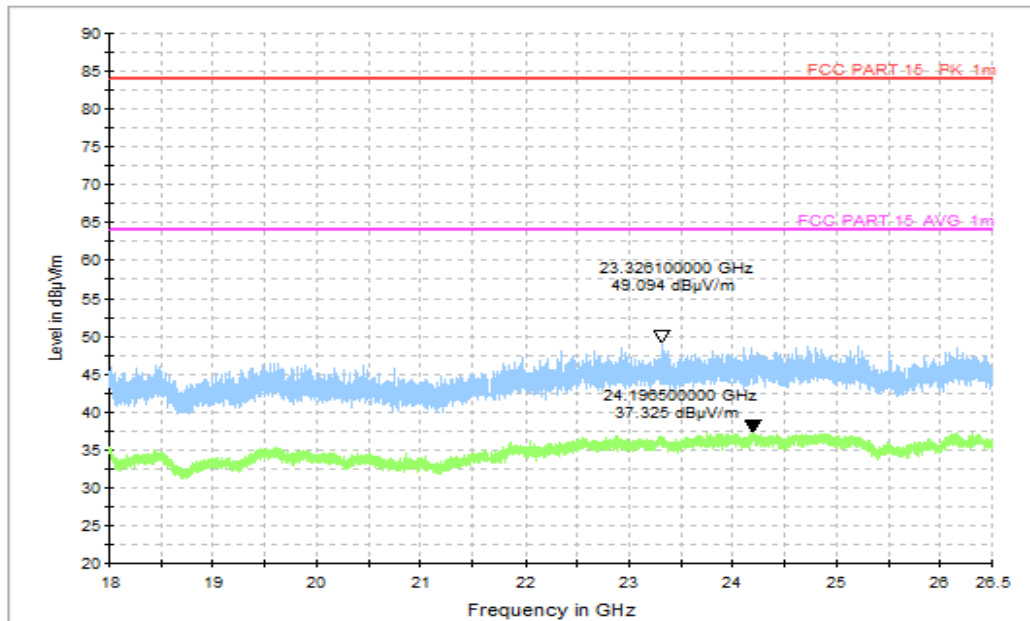


Figure A.1.43. Radiated Emission (LTE receiver Band 26, 18GHz to 26.5GHz)

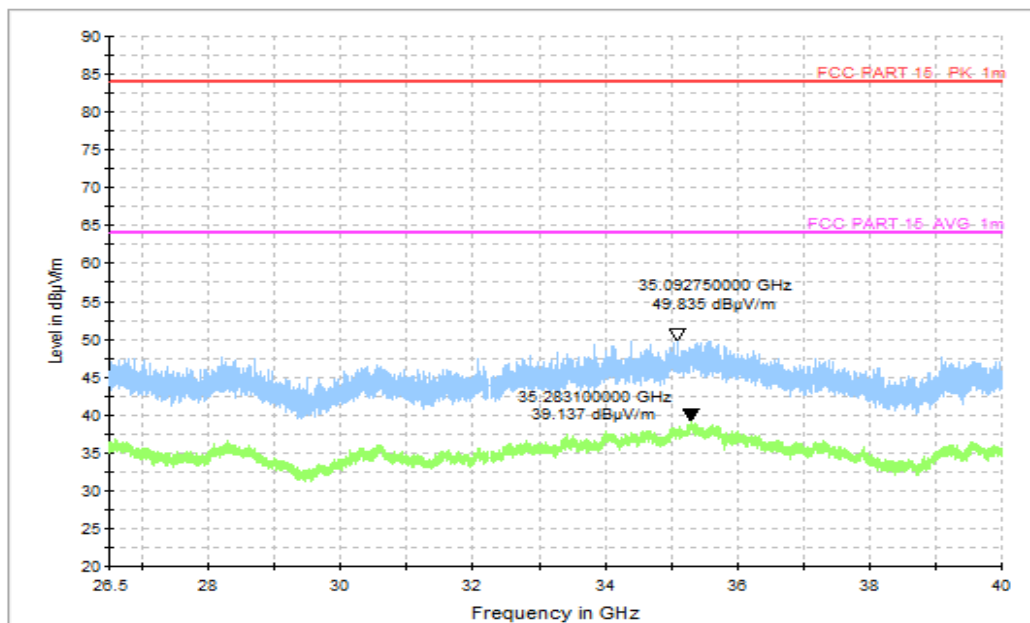


Figure A.1.44. Radiated Emission (LTE receiver Band 26, 26.5GHz to 40GHz)

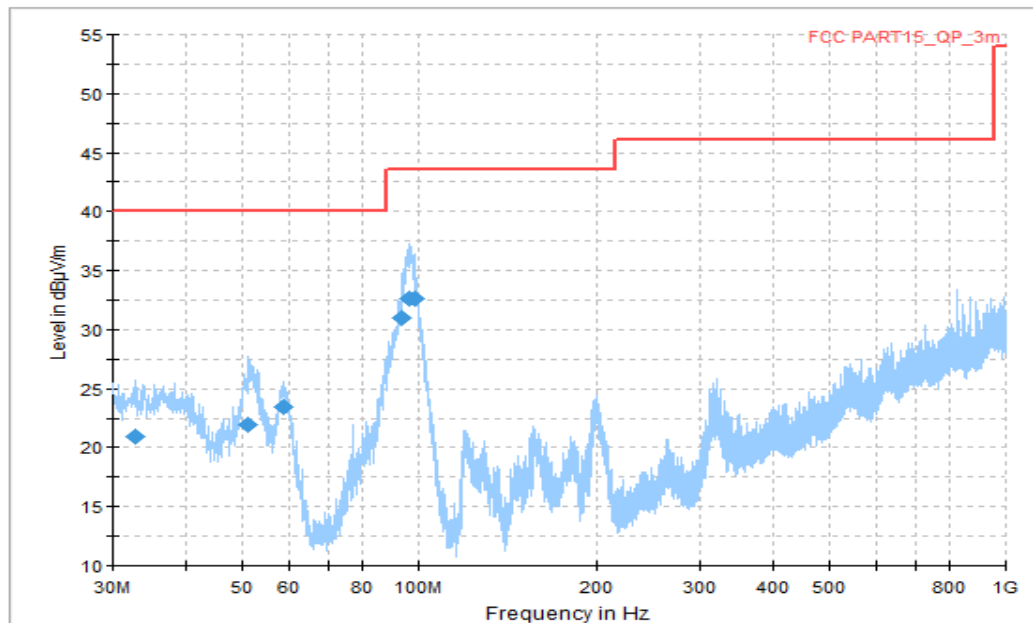


Figure A.1.45. Radiated Emission (NR receiver Band n5, 30MHz to 1GHz)

Final_Results

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	ARpl (dB/m)	P _{Mea} (dBμV)
32.694444	20.98	40.00	19.02	V	-14	34.98
51.232222	21.90	40.00	18.10	V	-22	43.90
58.561111	23.44	40.00	16.56	V	-22	45.44
93.696667	30.98	43.52	12.54	V	-21	51.98
96.229444	32.66	43.52	10.86	V	-21	53.66
98.546667	32.64	43.52	10.88	V	-20	52.64

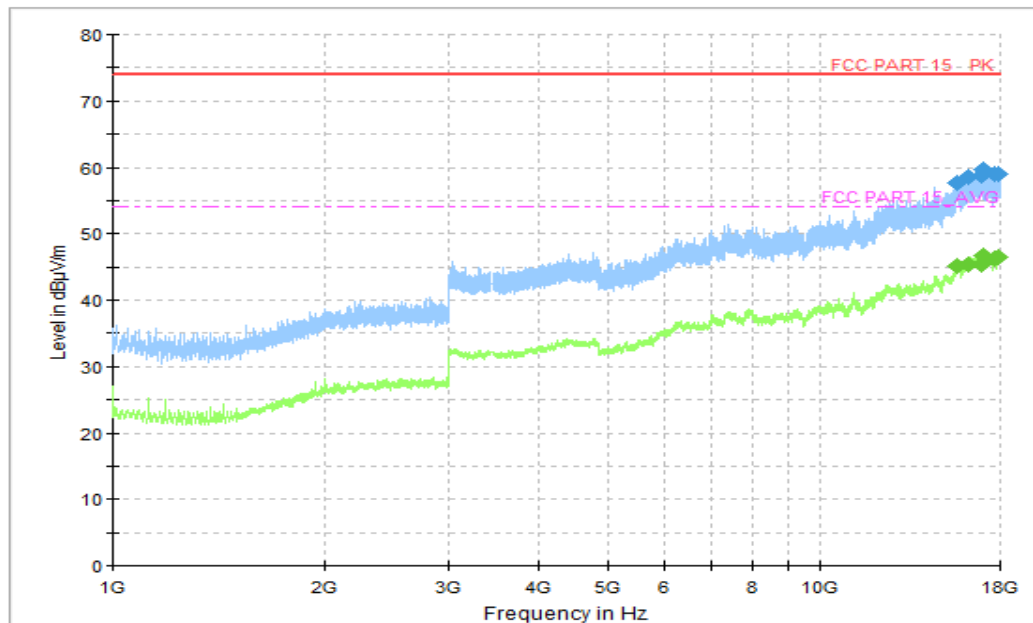


Figure A.1.46. Radiated Emission (NR receiver Band n5, 1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBμV)
15634.750000	57.65	74.00	16.35	V	20	37.65
16258.750000	58.63	74.00	15.37	H	21	37.63
16906.500000	58.75	74.00	15.25	V	22	36.75
17040.500000	59.59	74.00	14.41	H	22	37.59
17720.000000	59.04	74.00	14.96	V	23	36.04
17867.750000	59.06	74.00	14.94	V	24	35.06

Final_Results_AVG

Frequency(MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBμV)
15634.750000	45.15	54.00	8.85	V	20	25.15
16258.750000	45.42	54.00	8.58	H	21	24.42
16906.500000	45.43	54.00	8.57	V	22	23.43
17040.500000	46.79	54.00	7.21	H	22	24.79
17720.000000	46.28	54.00	7.72	V	23	23.28
17867.750000	46.46	54.00	7.54	V	24	22.46

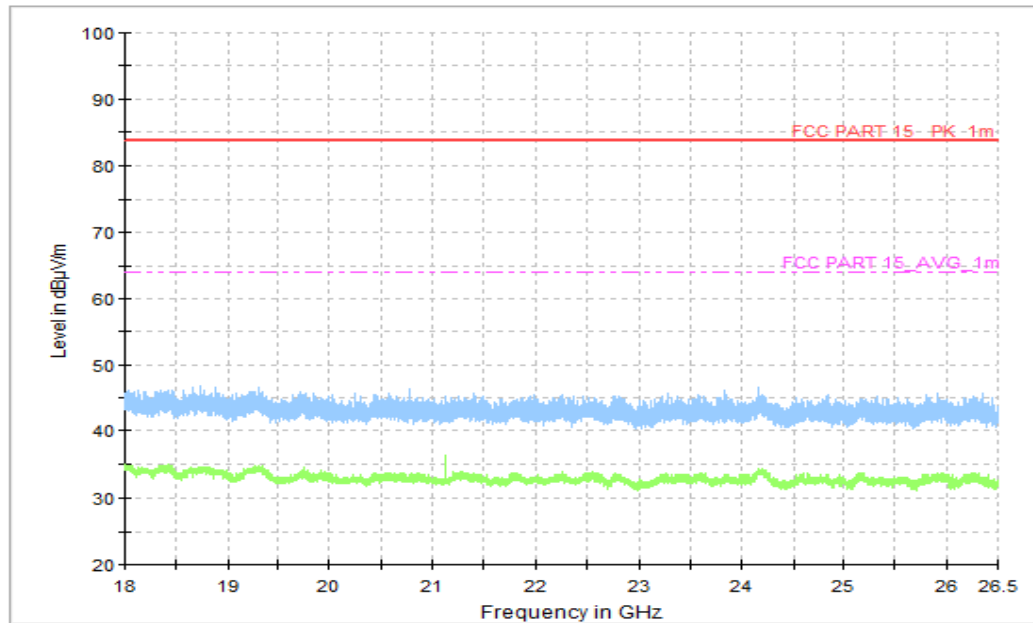


Figure A.1.47. Radiated Emission (NR receiver Band n5, 18GHz to 26.5GHz)

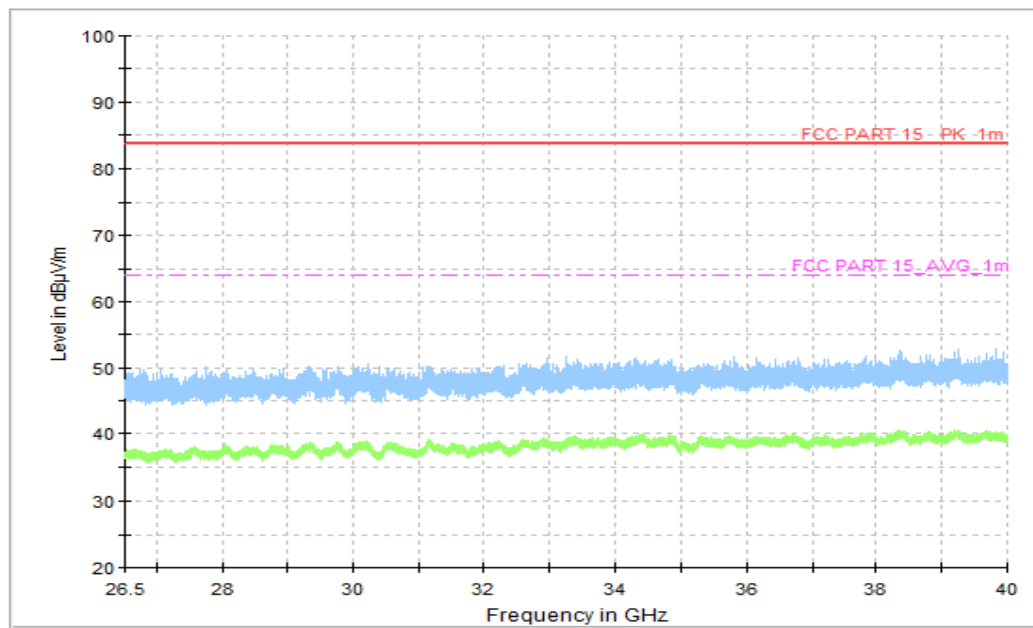


Figure A.1.48. Radiated Emission (NR receiver Band n5, 26.5GHz to 40GHz)

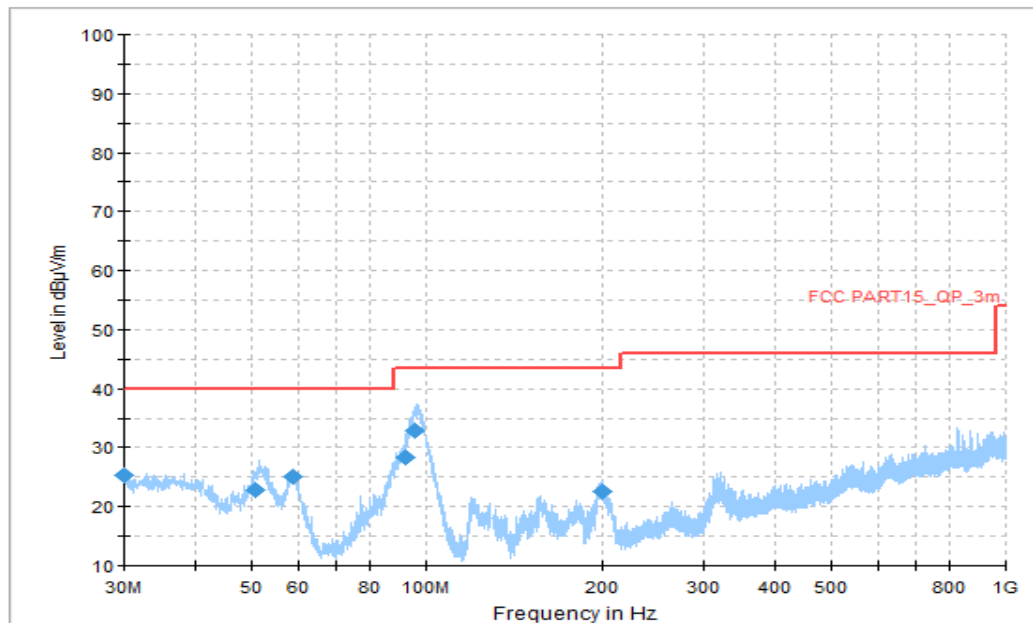


Figure A.1.49. Radiated Emission (NR receiver Band EN-DC 7A-n5, 30MHz to 1GHz)
Final_Results

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	ARpl (dB/m)	P _{Mea} (dBμV)
30.000000	25.44	40.00	14.56	V	-13	38.44
50.531667	22.77	40.00	17.23	V	-22	44.77
58.992222	25.07	40.00	14.93	V	-22	47.07
92.349444	28.46	43.52	15.06	V	-21	49.46
95.259444	32.80	43.52	10.72	V	-21	53.80
199.857778	22.45	43.52	21.07	V	-17	39.45

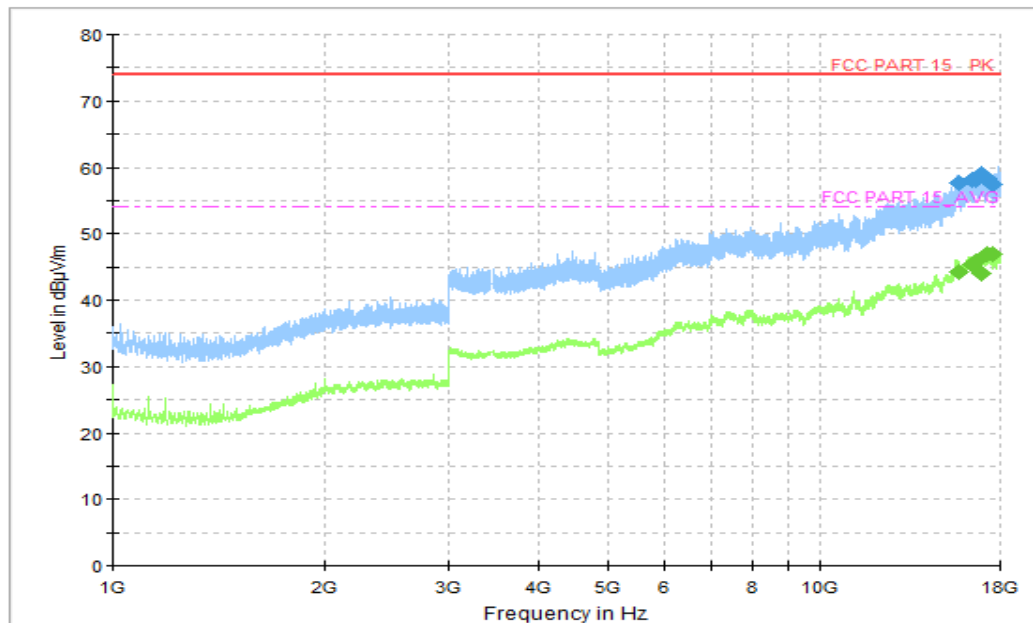


Figure A.1.50. Radiated Emission (NR receiver Band EN-DC 7A-n5, 1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBμV)
15725.000000	57.66	74.00	16.34	V	20	37.66
16373.500000	58.04	74.00	15.96	V	21	37.04
16615.500000	58.19	74.00	15.81	V	23	35.19
16913.000000	58.89	74.00	15.11	V	22	36.89
17284.500000	58.34	74.00	15.66	H	23	35.34
17611.750000	57.41	74.00	16.59	V	24	33.41

Final_Results_AVG

Frequency(MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBμV)
15725.000000	44.30	54.00	9.70	V	20	24.30
16373.500000	45.36	54.00	8.64	V	21	24.36
16615.500000	45.86	54.00	8.14	V	23	22.86
16913.000000	43.95	54.00	10.05	V	22	21.95
17284.500000	46.84	54.00	7.16	H	23	23.84
17611.750000	46.92	54.00	7.08	V	24	22.92

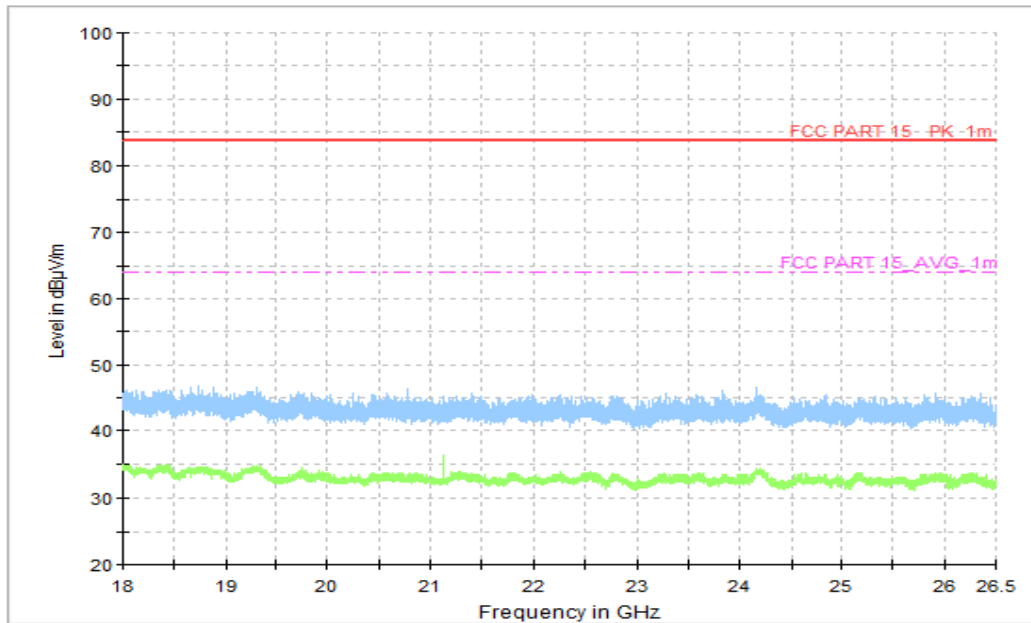


Figure A.1.51. Radiated Emission (NR receiver Band EN-DC 7A-n5, 18GHz to 26.5GHz)

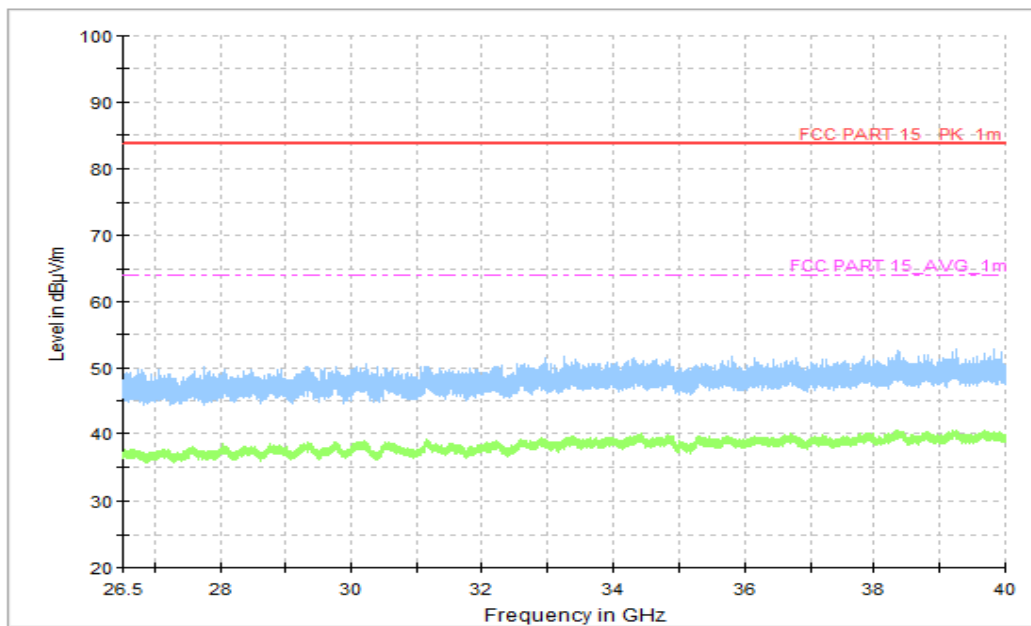


Figure A.1.52. Radiated Emission (NR receiver Band EN-DC 7A-n5, 26.5GHz to 40GHz)

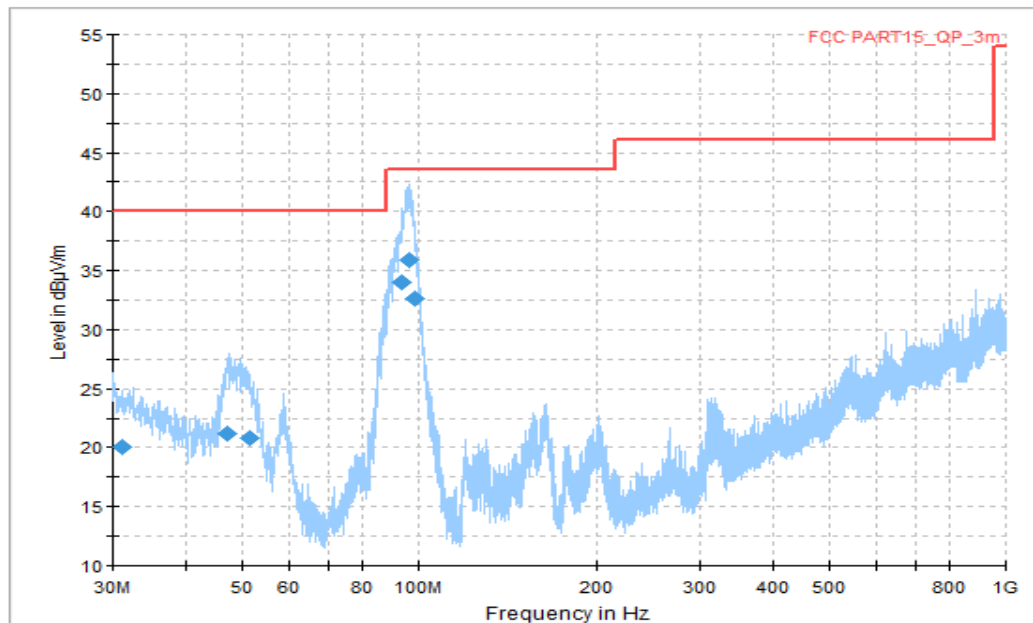


Figure A.1.53. Radiated Emission (NR receiver Band EN-DC 66A-n5, 30MHz to 1GHz)
Final_Results

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	ARpl (dB/m)	P _{Mea} (dBμV)
31.077778	20.11	40.00	19.89	V	-13	33.11
47.190556	21.21	40.00	18.79	V	-21	42.21
51.609444	20.82	40.00	19.18	V	-22	42.82
93.265556	33.99	43.52	9.53	V	-21	54.99
96.606667	35.95	43.52	7.58	V	-20	55.95
98.708333	32.68	43.52	10.84	V	-20	52.68

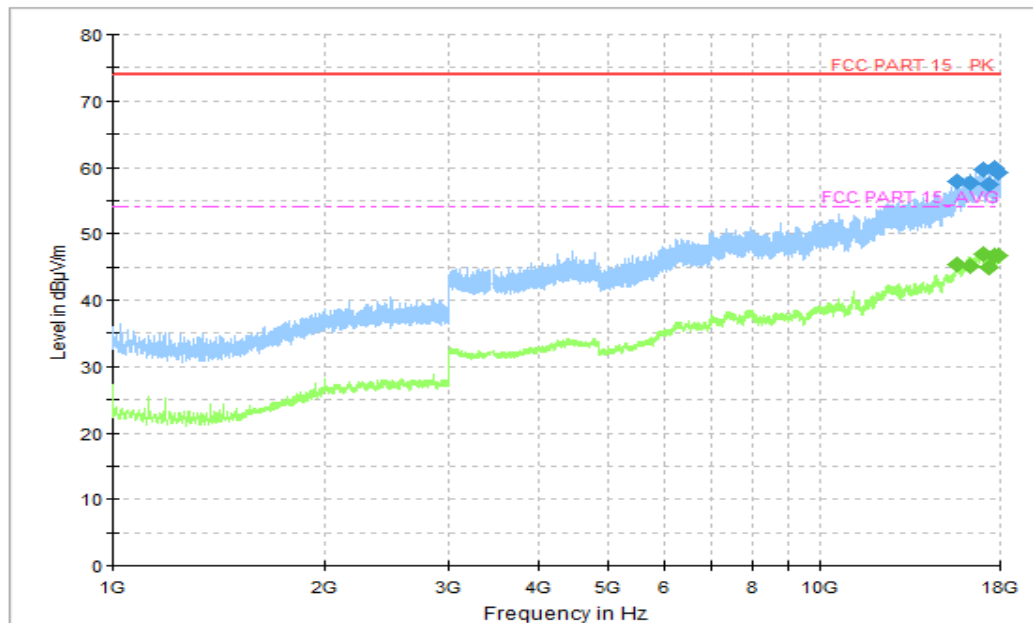


Figure A.1.54. Radiated Emission (NR receiver Band EN-DC 66A-n5, 1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBμV)
15651.500000	57.81	74.00	16.19	V	20	37.81
16271.500000	57.58	74.00	16.42	V	21	36.58
17006.750000	59.76	74.00	14.24	V	23	36.76
17341.500000	57.45	74.00	16.55	V	22	35.45
17689.500000	59.86	74.00	14.14	H	23	36.86
17897.250000	59.25	74.00	14.75	V	24	35.25

Final_Results_AVG

Frequency(MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBμV)
15651.500000	45.40	54.00	8.60	V	20	25.40
16271.500000	45.21	54.00	8.79	V	21	24.21
17006.750000	46.96	54.00	7.04	V	23	23.96
17341.500000	44.85	54.00	9.16	V	22	22.85
17689.500000	46.65	54.00	7.35	H	23	23.65
17897.250000	46.70	54.00	7.30	V	24	22.70

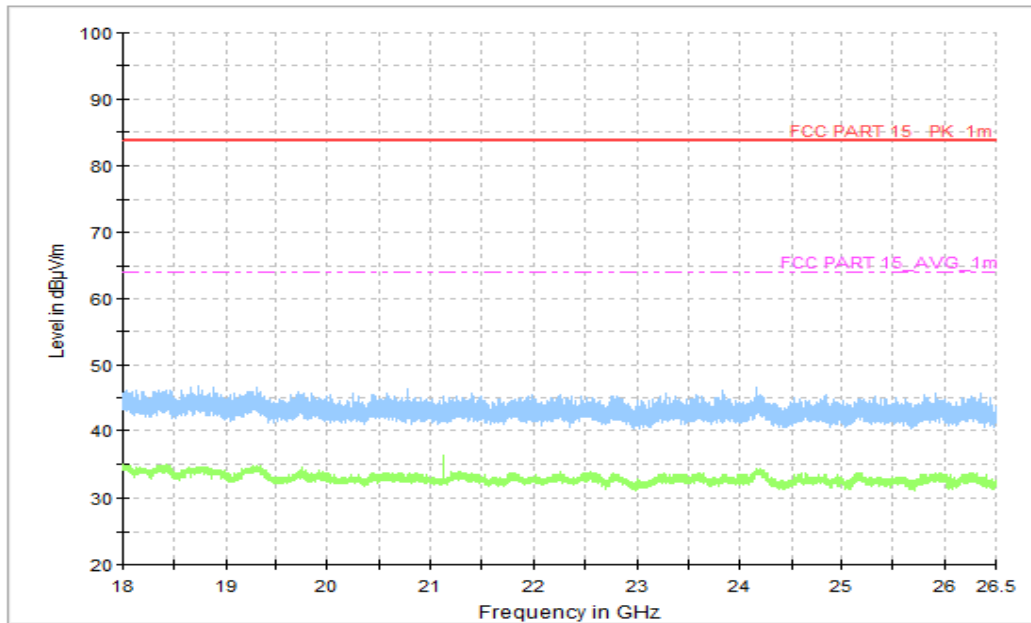


Figure A.1.55. Radiated Emission (NR receiver Band EN-DC 66A-n5, 18GHz to 26.5GHz)

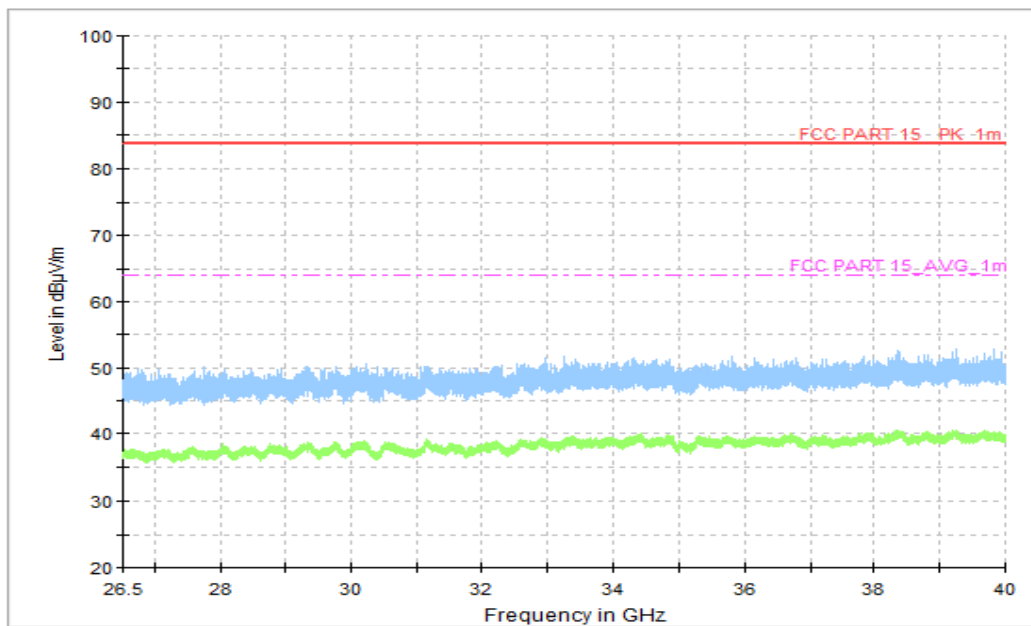


Figure A.1.56. Radiated Emission (NR receiver Band EN-DC 66A-n5, 26.5GHz to 40GHz)

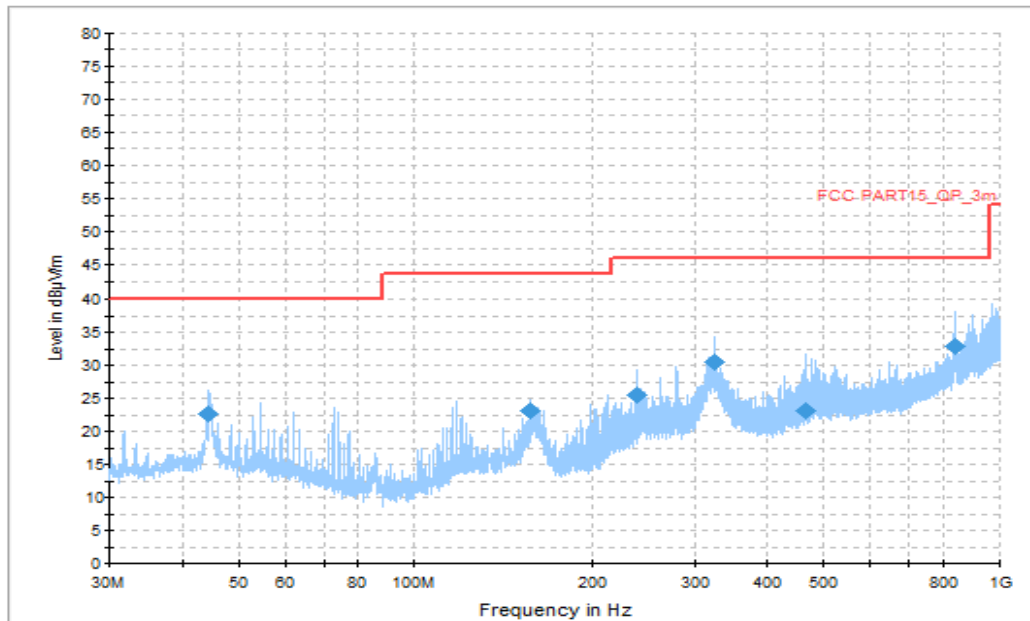


Figure A.1.57. Radiated Emission (Data Transfer: PC TO EUT, 30MHz to 1GHz)

Final_Results

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	ARpl (dB/m)	P _{Mea} (dBμV)
44.453000	22.60	40.00	17.40	V	-22	44.60
156.439500	23.10	43.50	20.50	V	-22.8	45.90
239.568500	25.40	46.00	20.60	H	-23.6	49.00
323.813000	30.40	46.00	15.60	H	-21.7	52.10
464.560000	23.00	46.00	23.00	V	-17.7	40.70
839.319500	32.90	46.00	13.10	H	-10.5	43.40

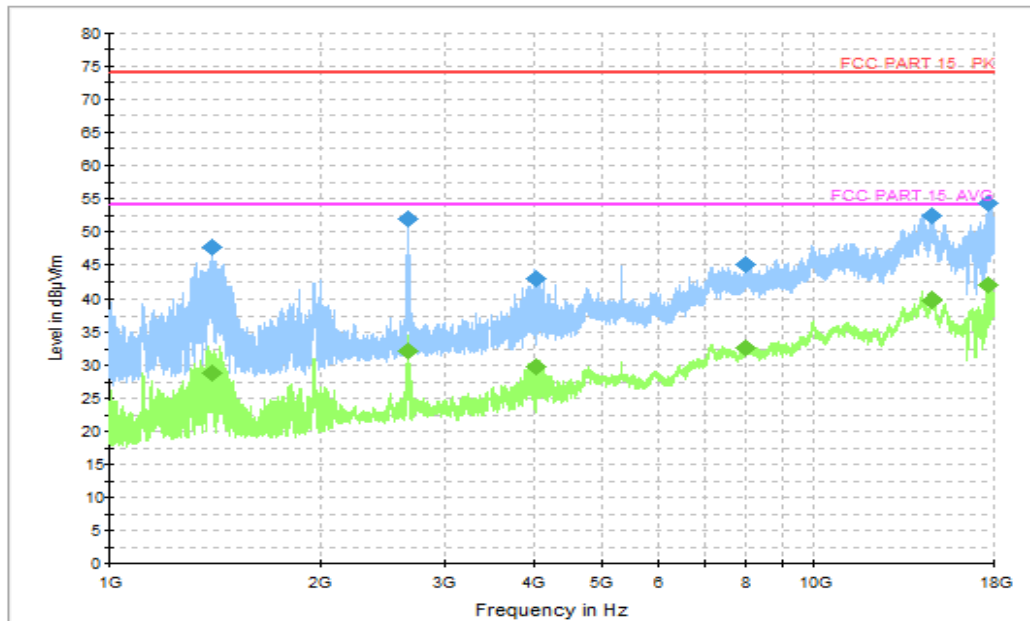


Figure A.1.58. Radiated Emission (Data Transfer: PC TO EUT, 1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBμV)
1398.000000	47.50	74.00	26.50	V	-19.8	67.30
2659.800000	52.00	74.00	22.00	V	-15.4	67.40
4028.800000	42.80	74.00	31.20	V	-11.3	54.10
7985.600000	44.90	74.00	29.10	V	-0.8	45.70
14721.000000	52.50	74.00	21.50	H	6.5	46.00
17699.600000	54.30	74.00	19.70	H	11.4	42.90

Final_Results_AVG

Frequency(MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBμV)
1398.000000	28.90	54.00	25.10	V	-19.8	48.70
2659.800000	32.10	54.00	21.90	V	-15.4	47.50
4028.800000	29.70	54.00	24.30	V	-11.3	41.00
7985.600000	32.70	54.00	21.30	V	-0.8	33.50
14721.000000	39.80	54.00	14.20	H	6.5	33.30
17699.600000	41.90	54.00	12.10	H	11.4	30.50

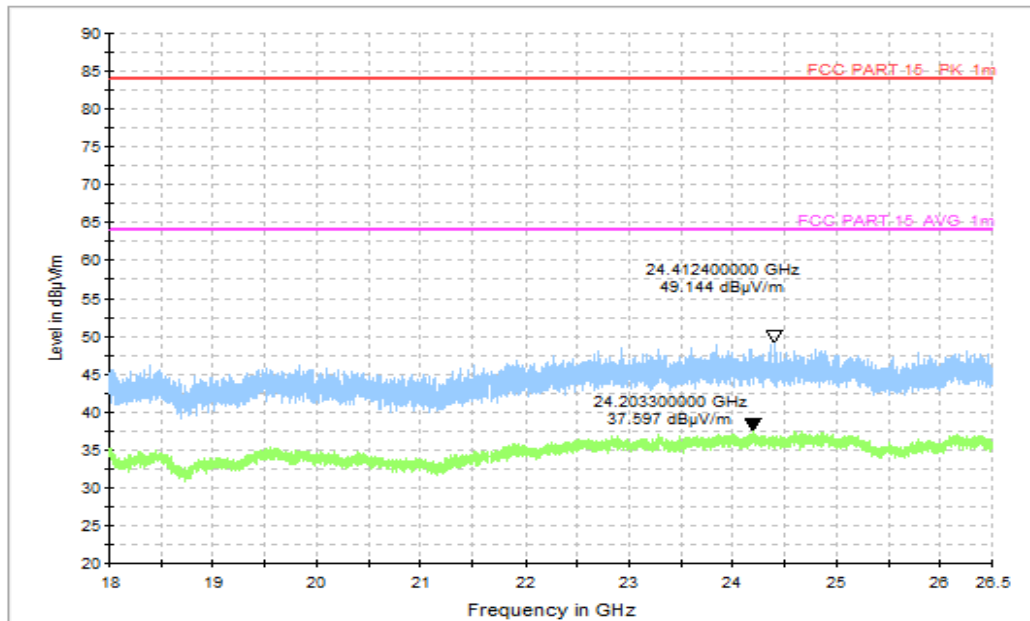


Figure A.1.59. Radiated Emission (Data Transfer: PC TO EUT, 18GHz to 26.5GHz)

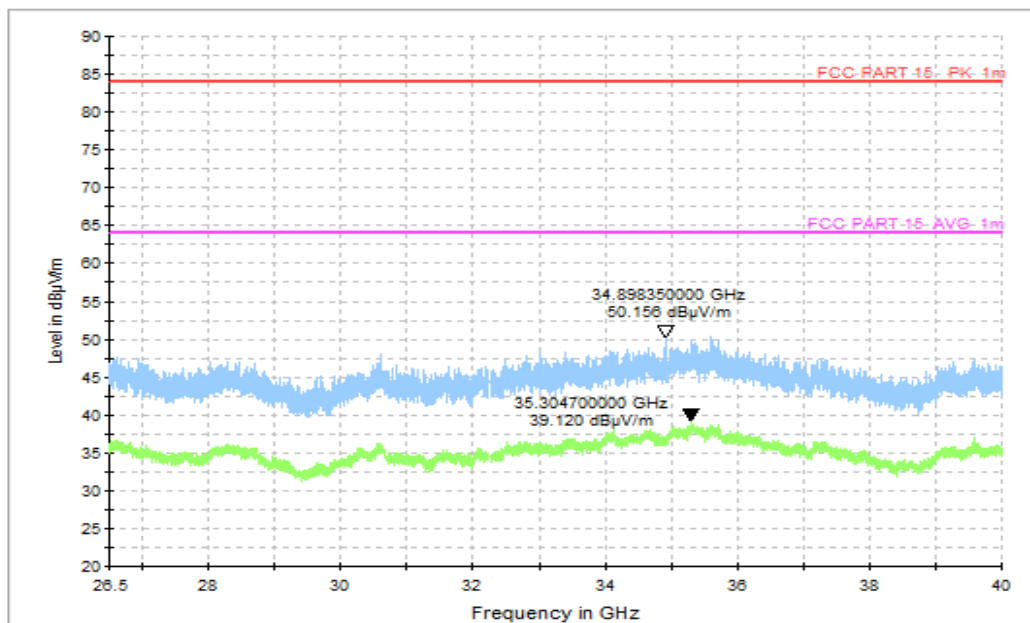


Figure A.1.60. Radiated Emission (Data Transfer: PC TO EUT, 26.5GHz to 40GHz)

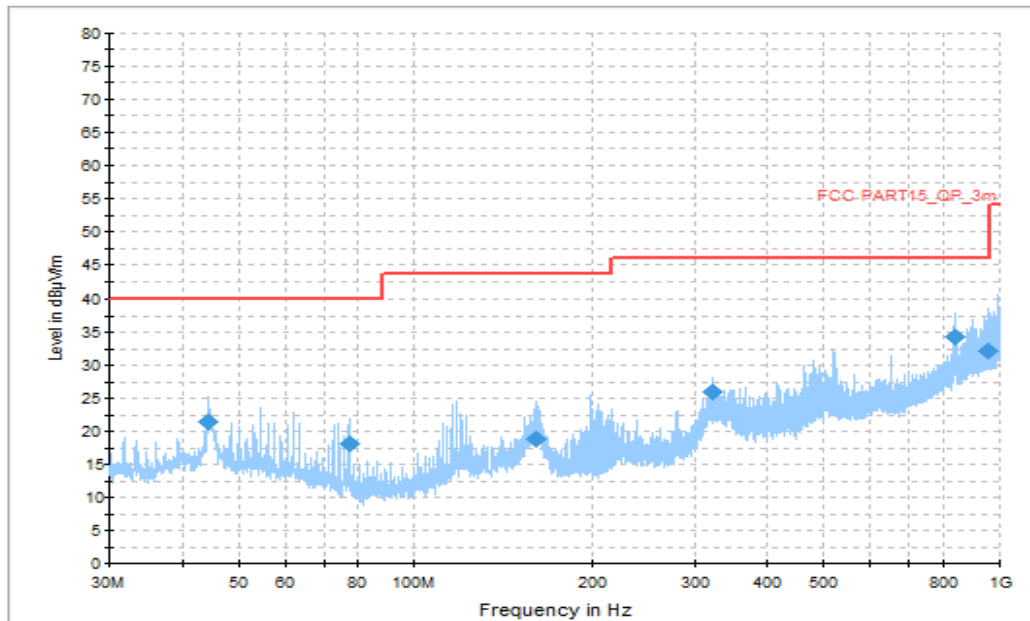


Figure A.1.61. Radiated Emission (Data Transfer: EUT TO PC, 30MHz to 1GHz)

Final_Results

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	ARpl (dB/m)	P _{Mea} (dBμV)
44.356000	21.30	40.00	18.70	V	-22	43.30
77.239000	18.00	40.00	22.00	V	-26.2	44.20
160.271000	18.90	43.50	24.70	V	-22.8	41.70
323.134000	25.90	46.00	20.10	V	-21.8	47.70
838.640500	34.30	46.00	11.70	H	-10.5	44.80
956.544000	32.20	46.00	13.80	V	-8.6	40.80

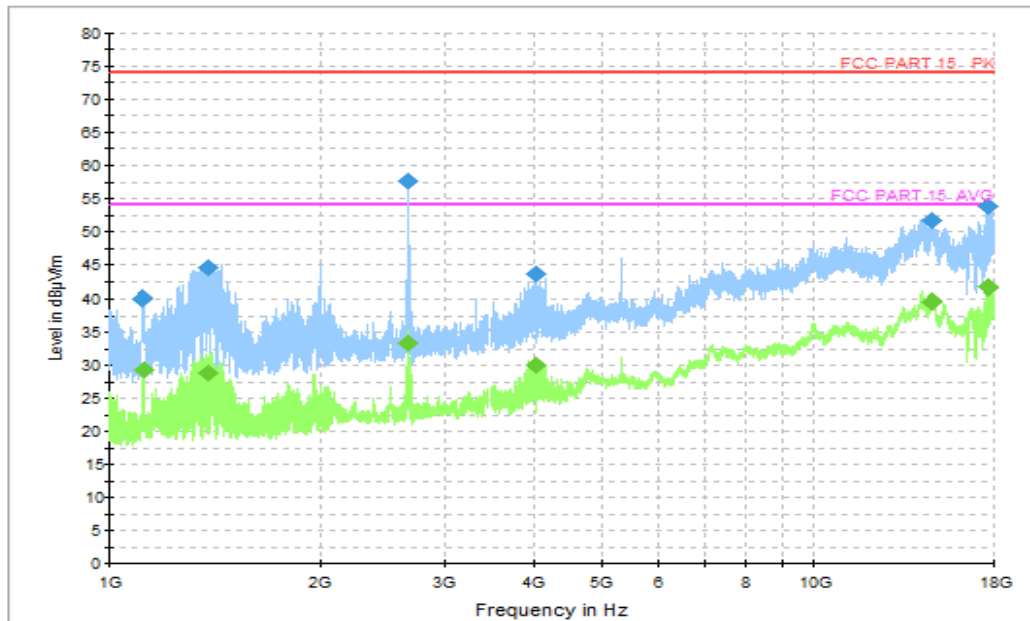


Figure A.1.62. Radiated Emission (Data Transfer: EUT TO PC, 1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBμV)
1116.800000	39.90	74.00	34.10	V	-20.9	60.80
1385.800000	44.60	74.00	29.40	V	-19.8	64.40
2655.600000	57.60	74.00	16.40	V	-15.4	73.00
4031.200000	43.60	74.00	30.40	V	-11.2	54.80
14715.000000	51.70	74.00	22.30	V	6.5	45.20
17697.200000	53.70	74.00	20.30	H	11.4	42.30

Final_Results_AVG

Frequency(MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBμV)
1118.000000	29.40	54.00	24.60	V	-20.9	50.30
1385.800000	28.90	54.00	25.10	V	-19.8	48.70
2655.600000	33.40	54.00	20.60	V	-15.4	48.80
4031.200000	29.90	54.00	24.10	V	-11.2	41.10
14715.000000	39.50	54.00	14.50	V	6.5	33.00
17697.200000	41.80	54.00	12.20	H	11.4	30.40

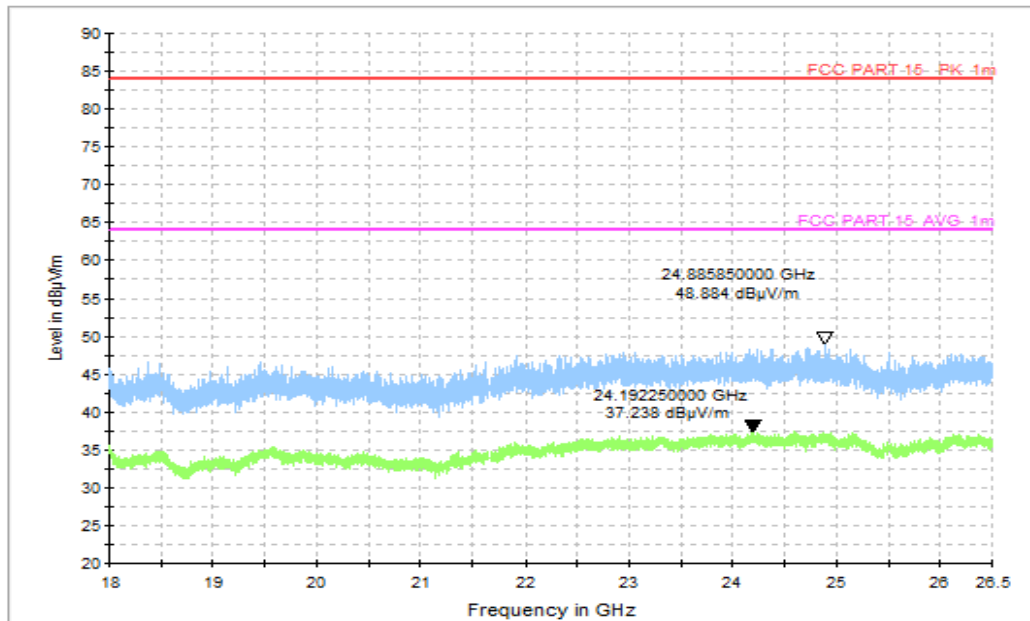


Figure A.1.63. Radiated Emission (Data Transfer: EUT TO PC, 18GHz to 26.5GHz)

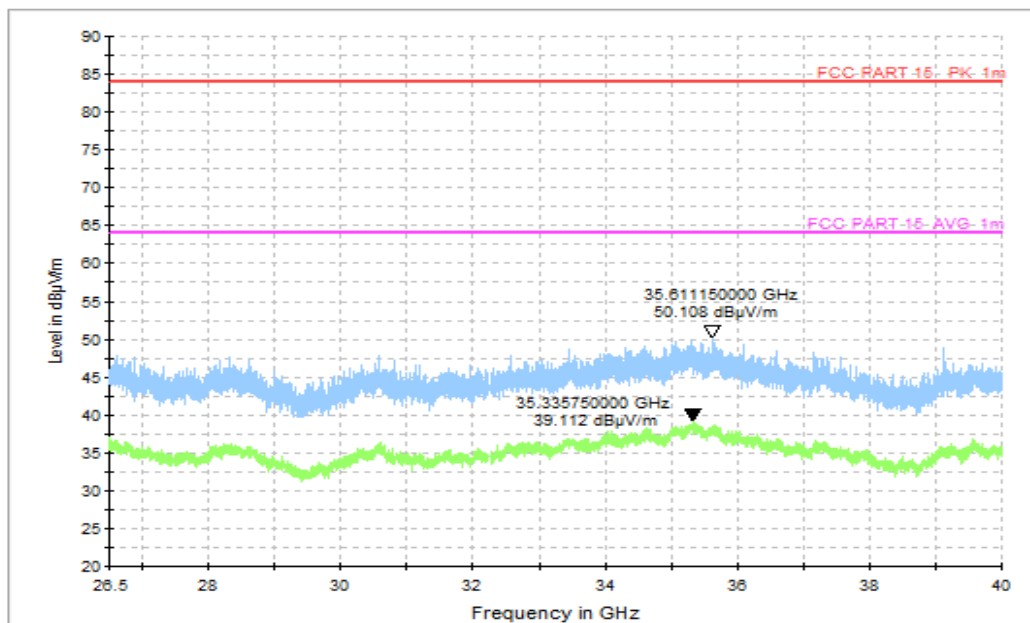


Figure A.1.64. Radiated Emission (Data Transfer: EUT TO PC, 26.5GHz to 40GHz)

A.2 Conducted Emission (§15.107(a))**Reference**

FCC: Part 15.107(a)

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.

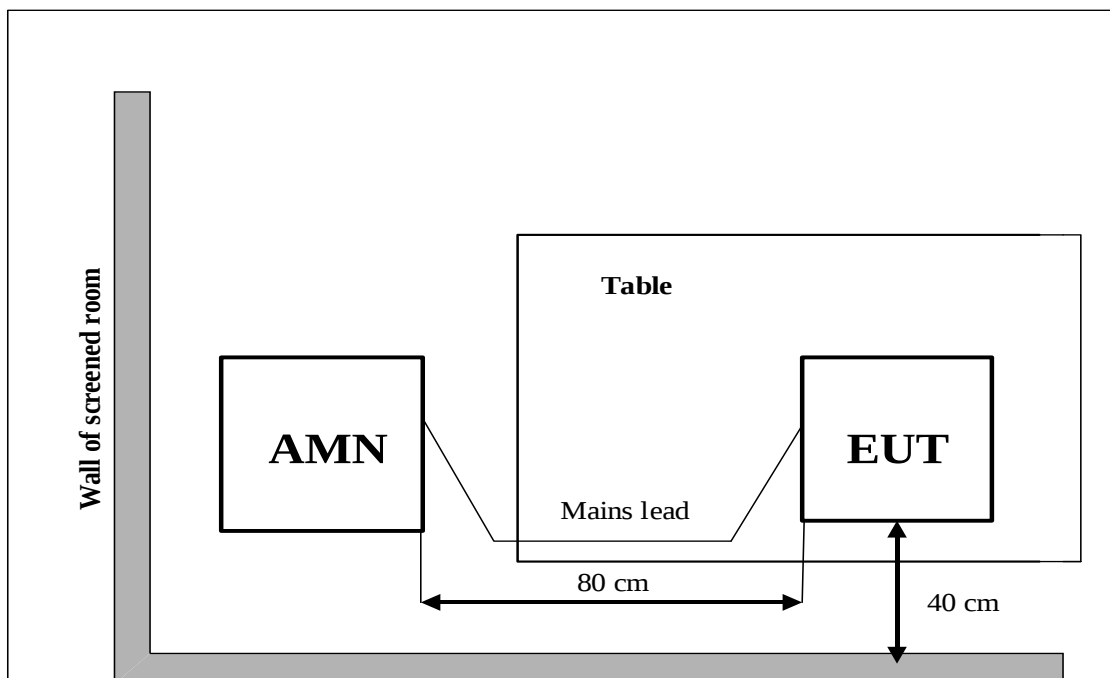
Video Player: The EUT is connected to a charger for charging and keeping on playing mp3.

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.2.4 Test 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
			UT06aa/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)	Conclusion
			UT06aa/Set.1	
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.				

Data Transfer

AC Input Port/ Voltage: 120V/60Hz

Frequency range (MHz)	Quasi-peak Limit (dBμV)	Average Limit (dBμV)	Result (dBμV)	Conclusion
			UT06aa/Set.2	
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.				

Camera

AC Input Port/ Voltage: 240V/60Hz

Frequency range (MHz)	Quasi-peak Limit (dBμV)	Average Limit (dBμV)	Result (dBμV)	Conclusion
			UT06aa/Set.1	
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.				

Video Player

AC Input Port/ Voltage: 240V/60Hz

Frequency range (MHz)	Quasi-peak Limit (dBμV)	Average Limit (dBμV)	Result (dBμV)	Conclusion
			UT06aa/Set.1	
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.				

Data Transfer

AC Input Port/ Voltage: 240V/60Hz

Frequency range (MHz)	Quasi-peak Limit (dBμV)	Average Limit (dBμV)	Result (dBμV)	Conclusion
			UT06aa/Set.2	
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.				

AC Input Port/ Voltage: 120V/60Hz

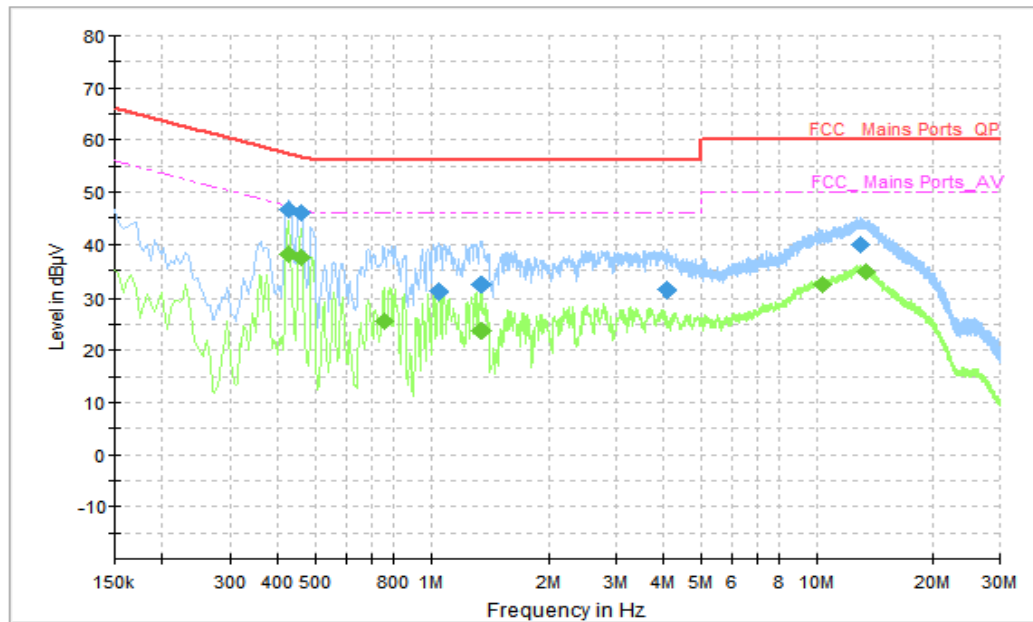


Figure A.2.1. Conducted Emission(Camera)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBμV)
0.426000	46.56	57.33	10.77	L1	10	36.56
0.458000	46.11	56.73	10.62	N	10	36.11
1.042000	31.22	56.00	24.78	N	10	21.22
1.346000	32.32	56.00	23.68	L1	10	22.32
4.054000	31.29	56.00	24.71	L1	10	21.29
13.010000	39.98	60.00	20.02	N	10	29.98

Final_Result_AVG

Frequency (MHz)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBμV)
0.426000	38.05	47.33	9.28	L1	10	28.05
0.458000	37.63	46.73	9.10	N	10	27.63
0.754000	25.59	46.00	20.41	L1	10	15.59
1.346000	23.77	46.00	22.23	L1	10	13.77
10.354000	32.43	50.00	17.57	N	10	22.43
13.374000	34.82	50.00	15.18	N	10	24.82

AC Input Port/ Voltage: 120V/60Hz

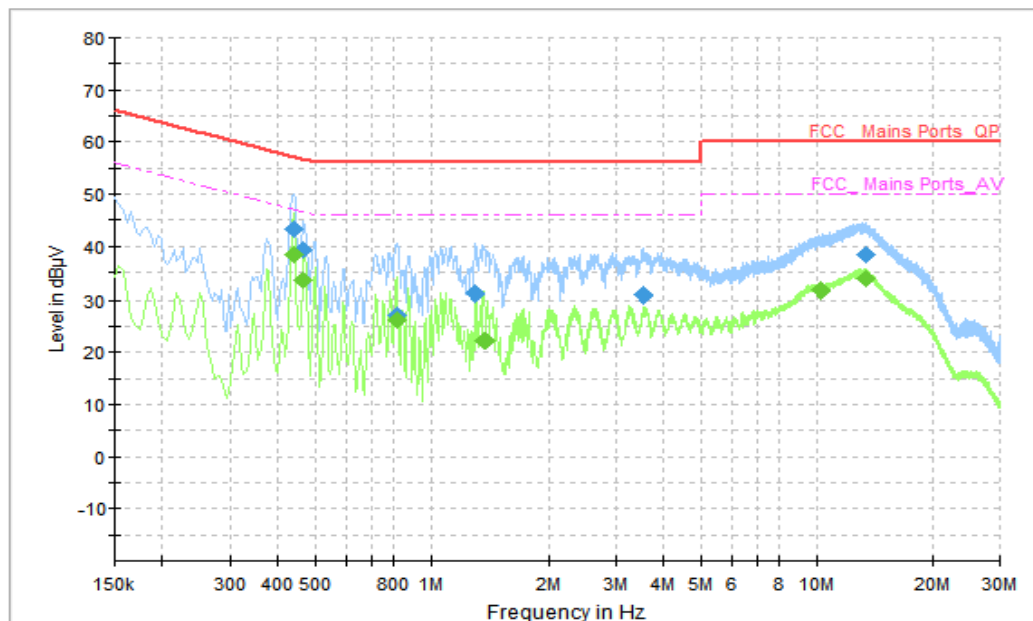


Figure A.2.2. Conducted Emission(Video Player)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBμV)
0.438000	43.21	57.10	13.89	N	10	33.21
0.466000	39.37	57.25	17.88	N	10	29.37
0.814000	27.01	56.00	28.99	L1	10	17.01
1.302000	31.06	56.00	24.94	L1	10	21.06
3.538000	30.84	56.00	25.16	L1	10	20.84
13.490000	38.36	60.00	21.64	L1	10	28.36

Final_Result_AVG

Frequency (MHz)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBμV)
0.438000	38.50	47.10	8.60	L1	10	28.50
0.466000	33.37	47.25	13.88	N	10	23.37
0.814000	26.22	46.00	19.78	L1	10	16.22
1.374000	22.14	46.00	23.86	L1	10	12.14
10.246000	31.75	50.00	18.25	N	10	21.75
13.474000	33.82	50.00	16.18	N	10	23.82

AC Input Port/ Voltage: 120V/60Hz

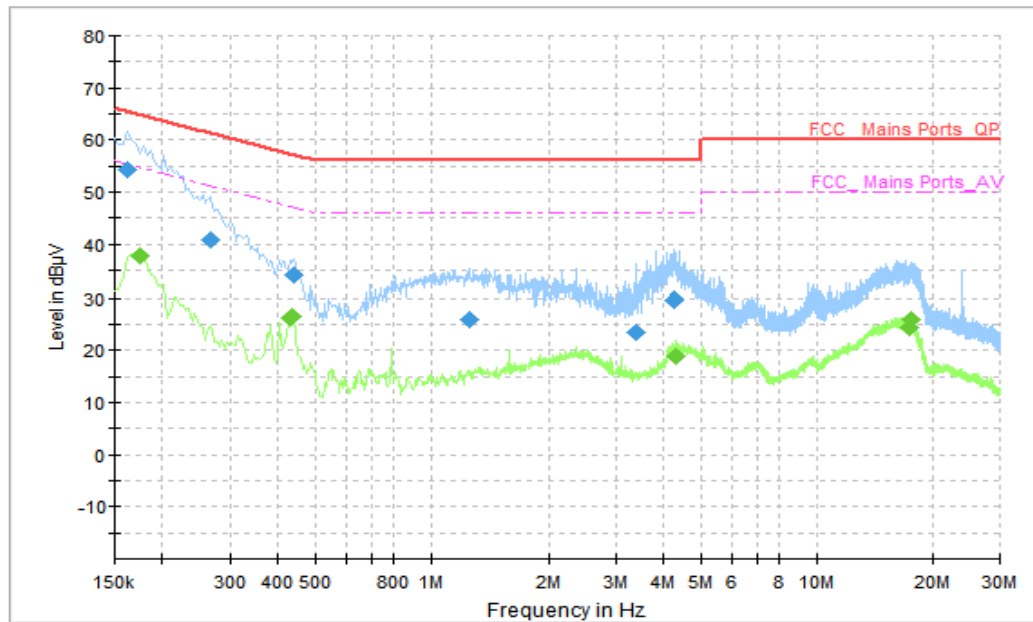


Figure A.2.3. Conducted Emission(Data Transfer)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBμV)
0.162000	54.17	65.36	11.20	N	10	44.17
0.266000	40.96	61.24	20.29	N	10	30.96
0.438000	34.12	57.10	22.98	L1	10	24.12
1.258000	25.88	56.00	30.12	N	10	15.88
3.394000	23.47	56.00	32.53	L1	10	13.47
4.246000	29.54	56.00	26.46	L1	10	19.54

Final_Result_AVG

Frequency (MHz)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBμV)
0.174000	37.78	54.77	16.99	N	10	27.78
0.430000	26.15	47.25	21.10	N	10	16.15
0.434000	26.51	47.18	20.66	N	10	16.51
4.286000	18.98	46.00	27.02	L1	10	8.98
17.474000	24.45	50.00	25.55	N	10	14.45
17.702000	25.90	50.00	24.10	L1	10	15.90

AC Input Port/ Voltage: 240V/60Hz

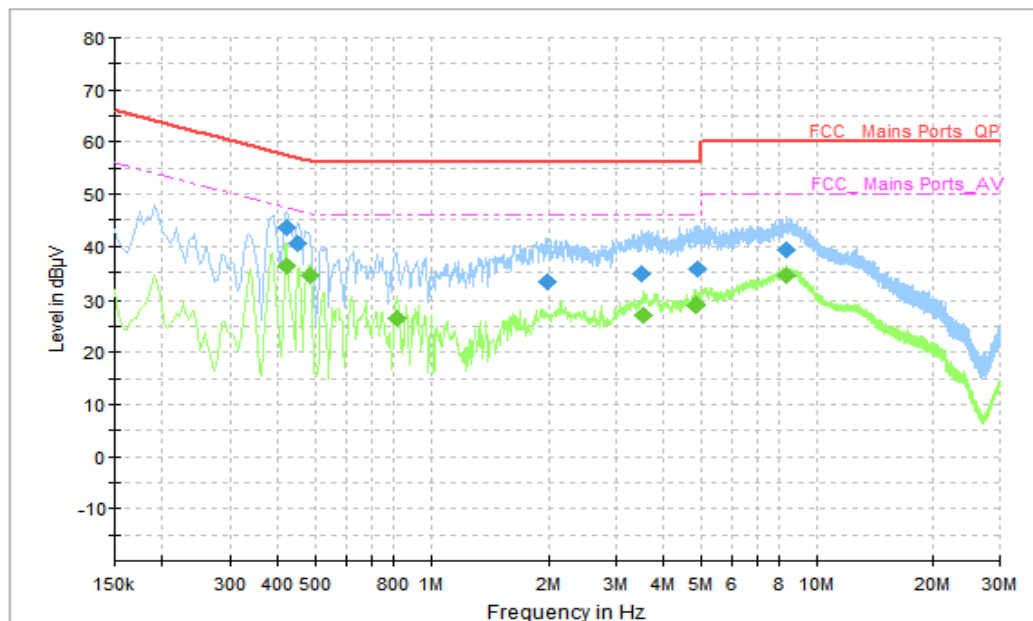


Figure A.2.4. Conducted Emission(Camera)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBμV)
0.422000	43.60	57.41	13.81	L1	10	33.60
0.450000	40.69	56.88	16.18	L1	10	30.69
1.986000	33.07	56.00	22.93	N	10	23.07
3.498000	34.67	56.00	21.33	N	10	24.67
4.914000	35.64	56.00	20.36	N	10	25.64
8.362000	39.35	60.00	20.65	N	10	29.35

Final_Result_AVG

Frequency (MHz)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBμV)
0.422000	36.27	47.41	11.14	L1	10	26.27
0.486000	34.54	46.24	11.70	L1	10	24.54
0.814000	26.60	46.00	19.40	N	10	16.60
3.530000	27.21	46.00	18.79	N	10	17.21
4.846000	29.07	46.00	16.93	N	10	19.07
8.362000	34.51	50.00	15.49	N	10	24.51

AC Input Port/ Voltage: 240V/60Hz

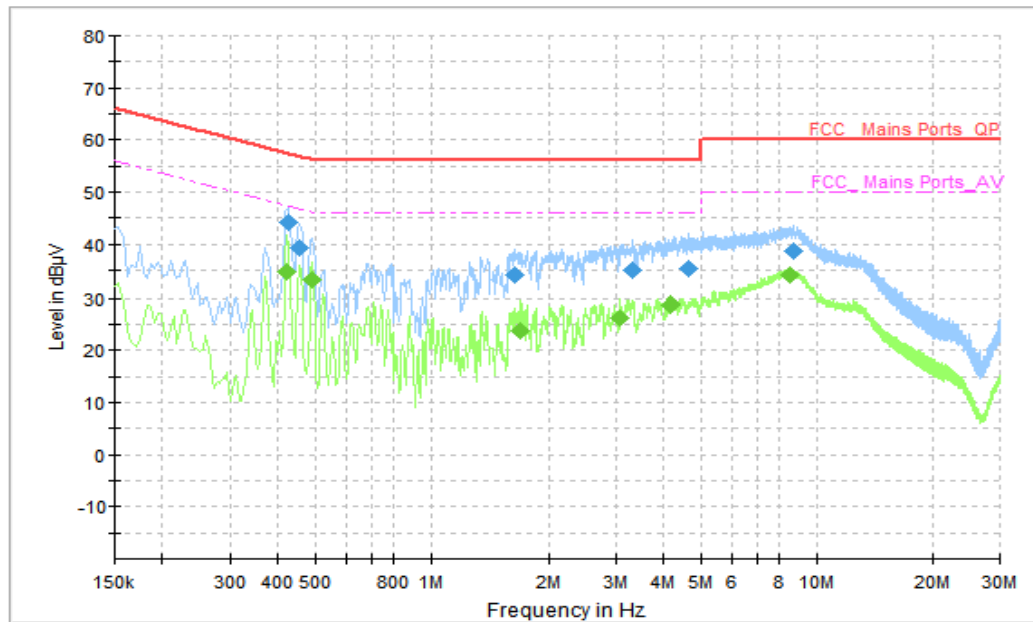


Figure A.2.5. Conducted Emission(Video Player)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBμV)
0.426000	44.29	57.33	13.04	L1	10	34.29
0.454000	39.27	56.80	17.54	N	10	29.27
1.630000	34.02	56.00	21.98	L1	10	24.02
3.302000	34.97	56.00	21.03	N	10	24.97
4.634000	35.22	56.00	20.78	N	10	25.22
8.698000	38.80	60.00	21.20	N	10	28.80

Final_Result_AVG

Frequency (MHz)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBμV)
0.422000	34.74	47.41	12.67	N	10	24.74
0.490000	33.26	46.17	12.91	L1	10	23.26
1.694000	23.60	46.00	22.40	N	10	13.60
3.074000	26.28	46.00	19.72	N	10	16.28
4.166000	28.68	46.00	17.32	N	10	18.68
8.550000	34.24	50.00	15.76	L1	10	24.24

AC Input Port/ Voltage: 240V/60Hz

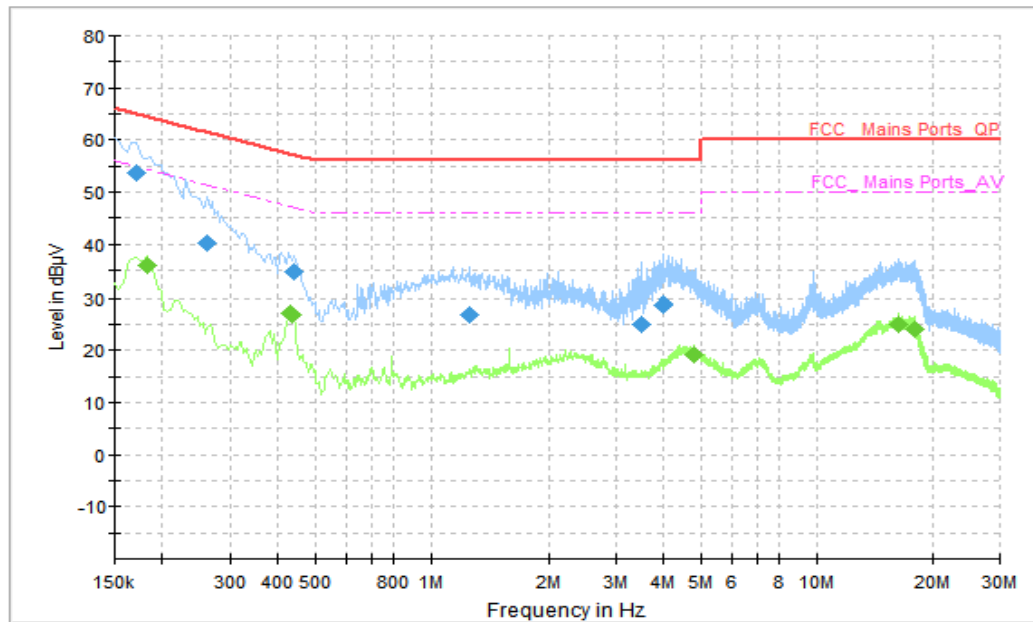


Figure A.2.6. Conducted Emission(Data Transfer)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBμV)
0.170000	53.65	64.96	11.31	L1	10	43.65
0.262000	40.24	61.37	21.13	L1	10	30.24
0.438000	34.72	57.10	22.38	L1	10	24.72
1.262000	26.88	56.00	29.12	N	10	16.88
3.490000	25.01	56.00	30.99	L1	10	15.01
3.986000	28.63	56.00	27.37	L1	10	18.63

Final_Result_AVG

Frequency (MHz)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBμV)
0.182000	35.84	54.39	18.55	L1	10	25.84
0.430000	26.95	47.25	20.31	N	10	16.95
0.434000	26.68	47.18	20.50	N	10	16.68
4.794000	19.01	46.00	26.99	N	10	9.01
16.398000	24.91	50.00	25.09	N	10	14.91
17.942000	23.92	50.00	26.08	L1	10	13.92

END OF REPORT