



TEST REPORT

No.I22N02494-EMC

for

Honor Device Co., Ltd.

Smart Phone

Model Name: CRT-LX3

With

Hardware Version: HL3CRTM

Software Version:6.1.0.90(C900E21R1P2)

FCC ID:2AYGCCRT-LX3

Issued Date: 2022-12-09

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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REPORT HISTORY

Report Number	Revision	Description	Issue Date
I22N02494-EMC	Rev.0	1st edition	2022-12-09

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	Smart Phone
Model Name	CRT-LX3
Applicant's name	Honor Device Co., Ltd.
Manufacturer's Name	Honor Device Co., 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: 2022-12-01

Testing End Date: 2022-12-09

1.6. Signature

Liu Xiangzhou

(Prepared this test report)

Liang Yong

(Reviewed this test report)

Cao Junfei

(Approved this test report)



2. CLIENT INFORMATION

2.1. Applicant Information

Company Name: Honor Device Co., Ltd.
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2.2. Manufacturer Information

Company Name: Honor Device Co., Ltd.
Address: Suite 3401, Unit A, Building 6, Shum Yip Sky Park, No. 8089, Hongli West Road, Xiangmihu Street, Futian District, Shenzhen, P.R.China
Contact: Li Ming
Email: liming136@honor.com
Tel: 0755-61886688
Fax: /



3. EQUIPMENT UNDER TEST (EUT) AND ANCILLARY EQUIPMENT

(AE)

3.1. About EUT

Description	Smart Phone
Model Name	CRT-LX3
FCC ID	2AYGCCRT-LX3
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
UT05aa	866902060024676	HL3CRTM	6.1.0.90(C900E21R1P 2)	2022-12-01

*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	Adapter
AE3	Data Cable
AE4	Headset
AE5	Earphone, USB Type-C to 3.5mm Adapter Assembly

AE1-1

Model	HB416594EGW
Manufacturer	Honor Device Co., Ltd.(SCUD)
Capacity	4400mAh
Nominal Voltage	3.89 V

AE1-2

Model	HB416594EGW
Manufacturer	Honor Device Co., Ltd.(Desay)
Capacity	4400mAh
Nominal Voltage	3.89 V

AE2-1

Model	HN-100225E00
Manufacturer	Honor Device Co., Ltd. (Huntkey/Salcomp)

AE2-2

Model	HN-100225U00
Manufacturer	Honor Device Co., Ltd. (Huntkey/Salcomp)

AE2-3



Model	HW-100225E00
Manufacturer	Honor Device Co., Ltd. (Huntkey)
AE2-4	
Model	HW-100225U00
Manufacturer	Honor Device Co., Ltd. (Huntkey)
AE2-5	
Model	HW-100225B00
Manufacturer	Honor Device Co., Ltd. (Huntkey)
AE2-6	
Model	HN-100225B00
Manufacturer	Honor Device Co., Ltd. (Huntkey/Salcomp)
AE3-1	
Model	CUDU01B-HC451-EH
Manufacturer	04072295(FF)
AE3-2	
Model	AU2-CRO013HF
Manufacturer	04072295(LJ)
AE3-3	
Model	L125UC007-CS-H
Manufacturer	04072295(LX)
AE3-4	
Model	2120-00001-0
Manufacturer	04072295(MG)
AE3-5	
Model	RY0002
Manufacturer	04072295(NB)
AE4-1	
Model	1331-3301-6001-TC-347
Manufacturer	22070347 (QC)
AE4-2	
Model	MEND1532B528C00
Manufacturer	22040339 (LC)
AE4-3	
Model	1293-3283-3.5MM-339
Manufacturer	22040339 (QC)
AE5	
Model	USB042020090AW7
Manufacturer	22040348(LC)

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

AE: ancillary equipment.

AE2: The circuit boards of AE2-2 and AE2-6 are the same, the circuit boards of AE2-4 and AE2-5 are the same



3.4. EUT Set-ups

EUT set-up No.	Combination of EUT and AE	Remarks
Set.1	EUT+AE1-1+AE2-2+AE3-2	
Set.2	EUT+AE1-1+AE2-1+AE3-1	
Set.3	EUT+AE1-1+AE2-3+AE3-3	
Set.4	EUT+AE1-1+AE2-4+AE3-4	
Set.5	EUT+AE1-1+AE2-1+AE3-5	
Set.6	EUT+AE1-1+AE3-1+PC	
Set.7	EUT+AE1-1+AE3-2+PC	
Set.8	EUT+AE1-1+AE3-3+PC	
Set.9	EUT+AE1-1+AE3-4+PC	
Set.10	EUT+AE1-1+AE3-5+PC	
Set.11	EUT+AE1-1+AE4-1	
Set.12	EUT+AE1-1+AE4-2+AE5	
Set.13	EUT+AE1-1+AE4-3+AE5	



3.5. General Description

The Equipment Under Test (EUT) is a model of Smart Phone with internal antenna.

It supports GSM 850/1900MHz, WCDMA Bands 2/4/5, LTE Bands 2/4/5/7/12/13/17/26/38/41/66.

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

It consists of normal options: Battery, Adapter, Data Cable, Headset.

Since subscribers often use EUT during charging, EUT is to be tested in accordance with “Fixed use” besides in accordance with “Portable use”.

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

Anechoic chamber (FACT3-2.0) 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> 60 dB; 1MHz-18000MHz>90 dB
Electrical insulation	> 2MΩ
Ground system resistance	< 4Ω
Normalised site attenuation (NSA)	< ± 4 dB, 3 m distance, from 30 to 1000 MHz
Voltage Standing Wave Ratio (VSWR)	≤ 6 dB, from 1 to 18 GHz, 3 m distance
Uniformity of field strength	Between 0 and 6 dB, from 80 to 6000 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

6. SUMMARY OF TEST RESULTS

6.1. Testing Environment

Normal Temperature: 15~35°C
 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 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

Note: As FCC Part 15, Subpart B, conducted Emission is not required for equipment which is powered by DC source.

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)

8. MEASURING APPARATUS UTILIZED

No.	Name	Model	Serial Number	Manufacturer	Calibration Due date	Calibration Period
1.	Test Receiver	ESR7	101676	R&S	2023.11.23	1 year
2.	Test Receiver	ESCI	100702	R&S	2023.01.12	1 year
3.	Spectrum Analyzer	FSV40	101192	R&S	2023.01.12	1 year
4.	BiLog Antenna	3142E	0224831	ETS-Lindgren	2024.05.27	3 years
5.	Horn Antenna	3117	00066577	ETS-Lindgren	2025.04.17	3 years
6.	LISN	ENV216	102067	R&S	2023.07.14	1 year
7.	Anechoic 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	2023.01.12	1 year
10.	Universal Radio Communication Tester	CMW500	152499	R&S	2023.07.14	1 year
11.	Horn Antenna	QSH-SL-18-2 6-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
13.	Signal Generator	SMB100A	179725	R&S	2023.11.23	1 year

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.

FM receiver: The EUT is connected to a charger for charging and open FM function. 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.

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.

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 and LTE Band 26.

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 ($\mu\text{V}/\text{m}$)		
	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.

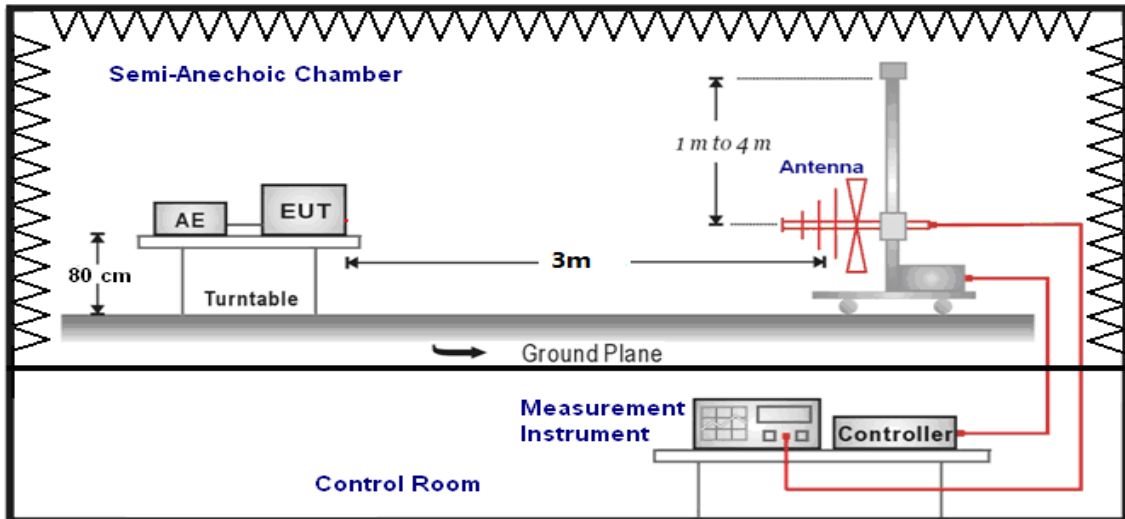
A.1.4 Test Condition

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

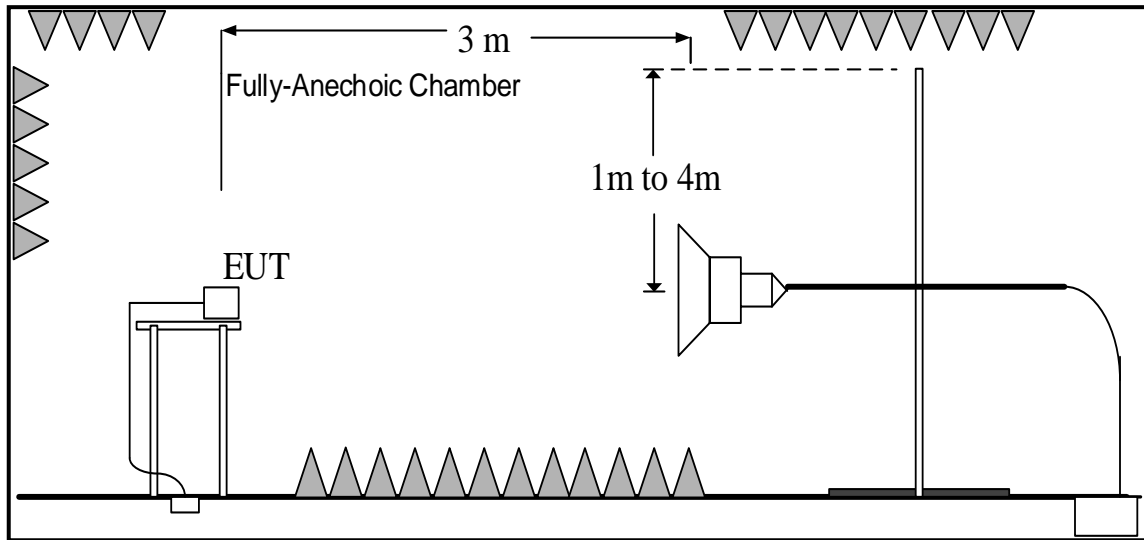
A.1.5 Test power supply

Power	Voltage (V)
DC	13.6

**A.1.6 Test set-up:
30MHz-1GHz**



1GHz-40GHz



A.1.7 Measurement Results

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

The measurement results are obtained as described below:

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

Where

G_A : Antenna factor of receive antenna

G_{PL} : Path Loss

P_{Mea} : Measurement result on receiver.

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
		UT05aa/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
			UT05aa/Set.1	
1000 to 18000	54.00	74.00	See Figure A.1.2.	P
18000 to 26500	63.54	83.54	See Figure A.1.3.	
26500 to 40000	63.54	83.54	See Figure A.1.4.	

Video Player

Frequency range (MHz)	Quasi-Peak Limit (dB μ V/m)	Result (dB μ V/m)	Conclusion
		UT05aa/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
			UT05aa/Set.1	
1000 to 18000	54.00	74.00	See Figure A.1.6.	P
18000 to 26500	63.54	83.54	See Figure A.1.7.	
26500 to 40000	63.54	83.54	See Figure A.1.8.	

GSM receiver 850MHz

Frequency range (MHz)	Quasi-Peak Limit (dB μ V/m)	Result (dB μ V/m)	Conclusion
		UT05aa/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
			UT05aa/Set.1	
1000 to 18000	54.00	74.00	See Figure A.1.10.	P
18000 to 26500	63.54	83.54	See Figure A.1.11.	
26500 to 40000	63.54	83.54	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
		UT05aa/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
			UT05aa/Set.1	
1000 to 18000	54.00	74.00	See Figure A.1.14.	P
18000 to 26500	63.54	83.54	See Figure A.1.15.	
26500 to 40000	63.54	83.54	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
		UT05aa/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
			UT05aa/Set.1	
1000 to 18000	54.00	74.00	See Figure A.1.18.	P
18000 to 26500	63.54	83.54	See Figure A.1.19.	
26500 to 40000	63.54	83.54	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
		UT05aa/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
			UT05aa/Set.1	
1000 to 18000	54.00	74.00	See Figure A.1.22.	P
18000 to 26500	63.54	83.54	See Figure A.1.23.	
26500 to 40000	63.54	83.54	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
		UT05aa/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
			UT05aa/Set.1	
1000 to 18000	54.00	74.00	See Figure A.1.26.	P
18000 to 26500	63.54	83.54	See Figure A.1.27.	
26500 to 40000	63.54	83.54	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
		UT05aa/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
			UT05aa/Set.1	
1000 to 18000	54.00	74.00	See Figure A.1.30.	P
18000 to 26500	63.54	83.54	See Figure A.1.31.	
26500 to 40000	63.54	83.54	See Figure A.1.32.	

LTE receiver Band 26

Frequency range (MHz)	Quasi-Peak Limit (dB μ V/m)	Result (dB μ V/m)	Conclusion
		UT05aa/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
			UT05aa/Set.1	
1000 to 18000	54.00	74.00	See Figure A.1.34.	P
18000 to 26500	63.54	83.54	See Figure A.1.35.	
26500 to 40000	63.54	83.54	See Figure A.1.36.	

Video Player

Frequency range (MHz)	Quasi-Peak Limit (dB μ V/m)	Result (dB μ V/m)	Conclusion
		UT05aa/Set.2	
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
			UT05aa/Set.2	
1000 to 18000	54.00	74.00	See Figure A.1.38.	P
18000 to 26500	63.54	83.54	See Figure A.1.39.	
26500 to 40000	63.54	83.54	See Figure A.1.40.	

Video Player

Frequency range (MHz)	Quasi-Peak Limit (dB μ V/m)	Result (dB μ V/m)	Conclusion
		UT05aa/Set.3	
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
			UT05aa/Set.3	
1000 to 18000	54.00	74.00	See Figure A.1.42.	P
18000 to 26500	63.54	83.54	See Figure A.1.43.	
26500 to 40000	63.54	83.54	See Figure A.1.44.	

Video Player

Frequency range (MHz)	Quasi-Peak Limit (dB μ V/m)	Result (dB μ V/m)	Conclusion
		UT05aa/Set.4	
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
			UT05aa/Set.4	
1000 to 18000	54.00	74.00	See Figure A.1.46.	P
18000 to 26500	63.54	83.54	See Figure A.1.47.	
26500 to 40000	63.54	83.54	See Figure A.1.48.	

Video Player

Frequency range (MHz)	Quasi-Peak Limit (dB μ V/m)	Result (dB μ V/m)	Conclusion
		UT05aa/Set.5	
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
			UT05aa/Set.5	
1000 to 18000	54.00	74.00	See Figure A.1.50.	P
18000 to 26500	63.54	83.54	See Figure A.1.51.	
26500 to 40000	63.54	83.54	See Figure A.1.52.	

FM receiver

Frequency range (MHz)	Quasi-Peak Limit (dB μ V/m)	Result (dB μ V/m)	Conclusion
		UT05aa/Set.11	
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
			UT05aa/Set.11	
1000 to 18000	54.00	74.00	See Figure A.1.54.	P
18000 to 26500	63.54	83.54	See Figure A.1.55.	
26500 to 40000	63.54	83.54	See Figure A.1.56.	

FM receiver

Frequency range (MHz)	Quasi-Peak Limit (dB μ V/m)	Result (dB μ V/m)	Conclusion
		UT05aa/Set.12	
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
			UT05aa/Set.12	
1000 to 18000	54.00	74.00	See Figure A.1.58.	P
18000 to 26500	63.54	83.54	See Figure A.1.59.	
26500 to 40000	63.54	83.54	See Figure A.1.60.	

FM receiver

Frequency range (MHz)	Quasi-Peak Limit (dB μ V/m)	Result (dB μ V/m)	Conclusion
		UT05aa/Set.13	
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
			UT05aa/Set.13	
1000 to 18000	54.00	74.00	See Figure A.1.62.	P
18000 to 26500	63.54	83.54	See Figure A.1.63.	
26500 to 40000	63.54	83.54	See Figure A.1.64.	

Data Transfer: PC TO EUT

Frequency range (MHz)	Quasi-Peak Limit (dB μ V/m)	Result (dB μ V/m)	Conclusion
		UT05aa/Set.6	
30-88	40.00	See Figure A.1.65.	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
			UT05aa/Set.6	
1000 to 18000	54.00	74.00	See Figure A.1.66.	P
18000 to 26500	63.54	83.54	See Figure A.1.67.	
26500 to 40000	63.54	83.54	See Figure A.1.68.	

Data Transfer: EUT TO PC

Frequency range (MHz)	Quasi-Peak Limit (dB μ V/m)	Result (dB μ V/m)	Conclusion
		UT05aa/Set.6	
30-88	40.00	See Figure A.1.69.	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
			UT05aa/Set.6	
1000 to 18000	54.00	74.00	See Figure A.1.70.	P
18000 to 26500	63.54	83.54	See Figure A.1.71.	
26500 to 40000	63.54	83.54	See Figure A.1.72.	

Data Transfer: EUT TO PC

Frequency range (MHz)	Quasi-Peak Limit (dB μ V/m)	Result (dB μ V/m)	Conclusion
		UT05aa/Set.7	
30-88	40.00	See Figure A.1.73.	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
			UT05aa/Set.7	
1000 to 18000	54.00	74.00	See Figure A.1.74.	P
18000 to 26500	63.54	83.54	See Figure A.1.75.	
26500 to 40000	63.54	83.54	See Figure A.1.76.	

Data Transfer: EUT TO PC

Frequency range (MHz)	Quasi-Peak Limit (dB μ V/m)	Result (dB μ V/m)	Conclusion
		UT05aa/Set.8	
30-88	40.00	See Figure A.1.77.	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
			UT05aa/Set.8	
1000 to 18000	54.00	74.00	See Figure A.1.78.	P
18000 to 26500	63.54	83.54	See Figure A.1.79.	
26500 to 40000	63.54	83.54	See Figure A.1.80.	

Data Transfer: EUT TO PC

Frequency range (MHz)	Quasi-Peak Limit (dB μ V/m)	Result (dB μ V/m)	Conclusion
		UT05aa/Set.9	
30-88	40.00	See Figure A.1.81.	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
			UT05aa/Set.9	
1000 to 18000	54.00	74.00	See Figure A.1.82.	P
18000 to 26500	63.54	83.54	See Figure A.1.83.	
26500 to 40000	63.54	83.54	See Figure A.1.84.	

Data Transfer: EUT TO PC

Frequency range (MHz)	Quasi-Peak Limit (dB μ V/m)	Result (dB μ V/m)	Conclusion
		UT05aa/Set.10	
30-88	40.00	See Figure A.1.85.	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
			UT05aa/Set.10	
1000 to 18000	54.00	74.00	See Figure A.1.86.	P
18000 to 26500	63.54	83.54	See Figure A.1.87.	
26500 to 40000	63.54	83.54	See Figure A.1.88.	

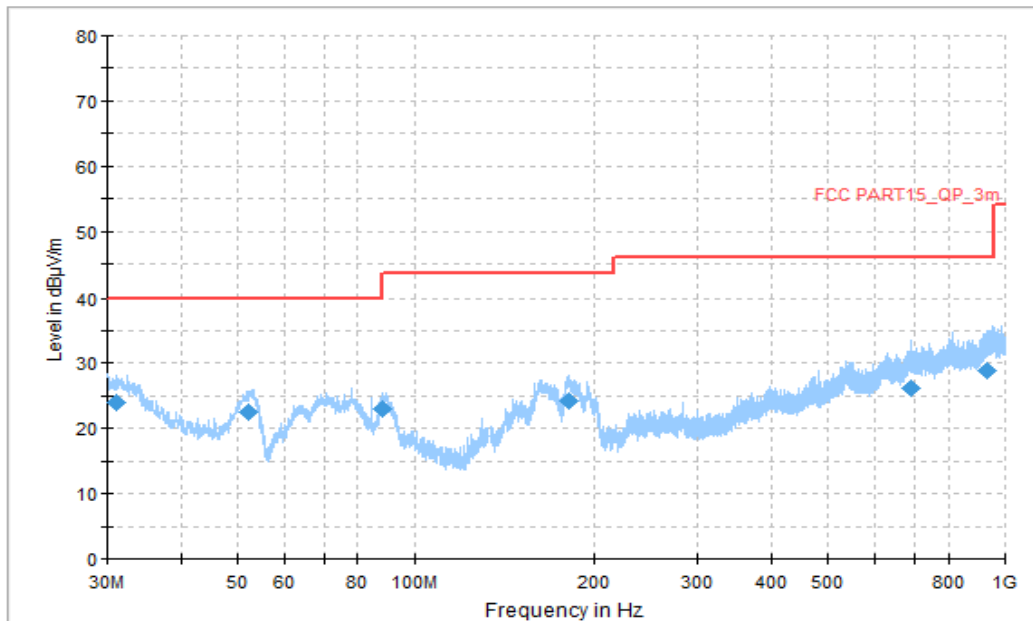


Figure A.1.1. Radiated Emission (Camera, 30MHz to 1GHz)

Final_Results

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	ARpl (dB/m)	P _{Mea} (dBµV)
31.023889	23.94	40.00	16.06	V	-12	35.94
52.256111	22.60	40.00	17.40	V	-21	43.6
88.361667	22.92	43.52	20.60	V	-20	42.92
181.320000	24.22	43.52	19.30	V	-17	41.22
689.653889	26.10	46.02	19.92	V	-1	27.1
934.632778	28.88	46.02	17.14	V	2	26.88

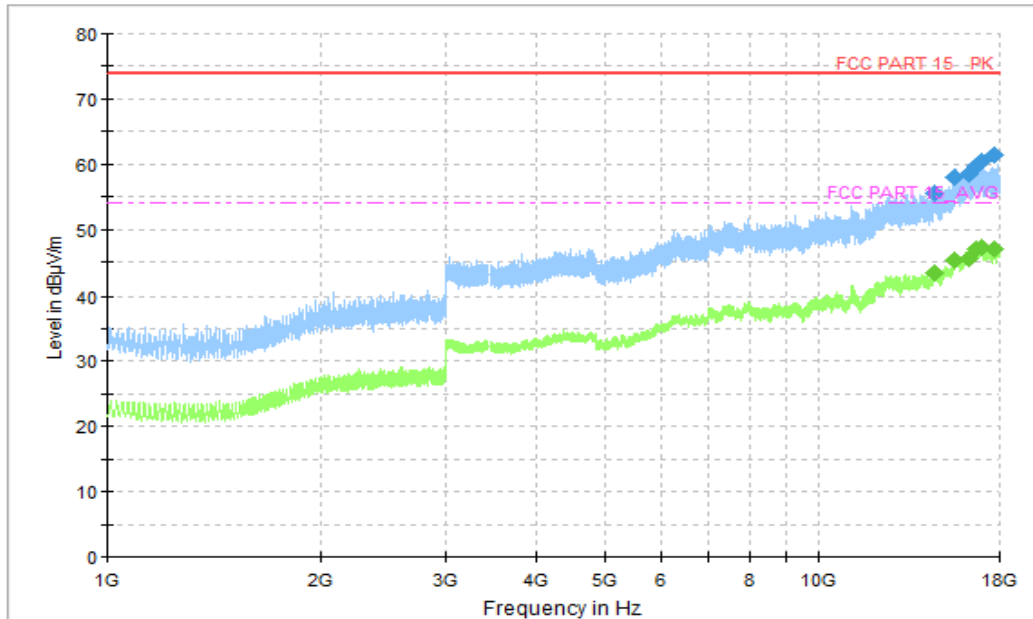


Figure A.1.2. Radiated Emission (Camera, 1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBµV)
14562.000000	56.56	74.00	17.44	V	18	38.56
15585.250000	58.89	74.00	15.11	H	20	38.89
16272.500000	58.53	74.00	15.47	V	21	37.53
16664.500000	58.75	74.00	15.25	H	22	36.75
17016.750000	60.40	74.00	13.60	V	23	37.4
17699.250000	61.55	74.00	12.45	H	23	38.55

Final_Results_AVG

Frequency(MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBµV)
14562.000000	43.24	54.00	10.76	V	18	25.24
15585.250000	45.25	54.00	8.75	H	20	25.25
16272.500000	45.58	54.00	8.42	V	21	24.58
16664.500000	46.95	54.00	7.05	H	22	24.95
17016.750000	47.31	54.00	6.69	V	23	24.31
17699.250000	46.95	54.00	7.05	H	23	23.95

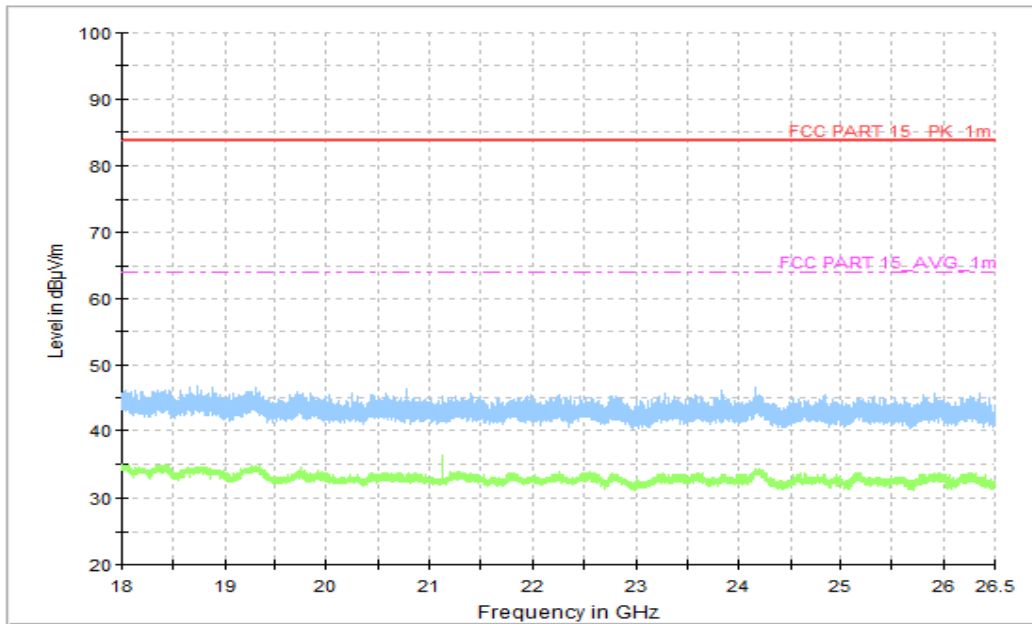


Figure A.1.3. Radiated Emission (Camera, 18GHz to 26.5GHz)

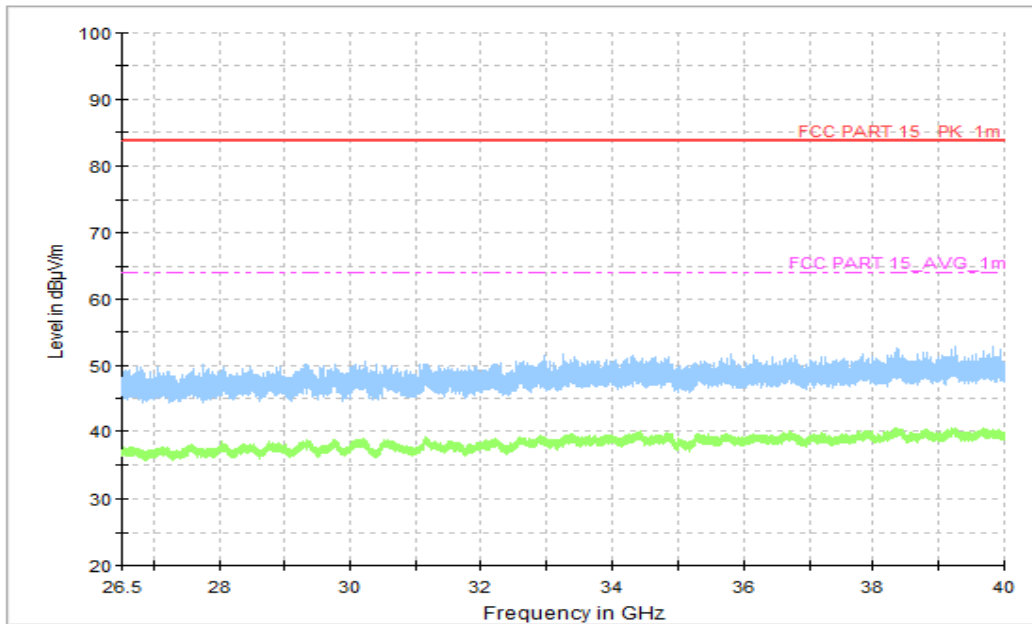


Figure A.1.4. Radiated Emission (Camera, 26.5GHz to 40GHz)

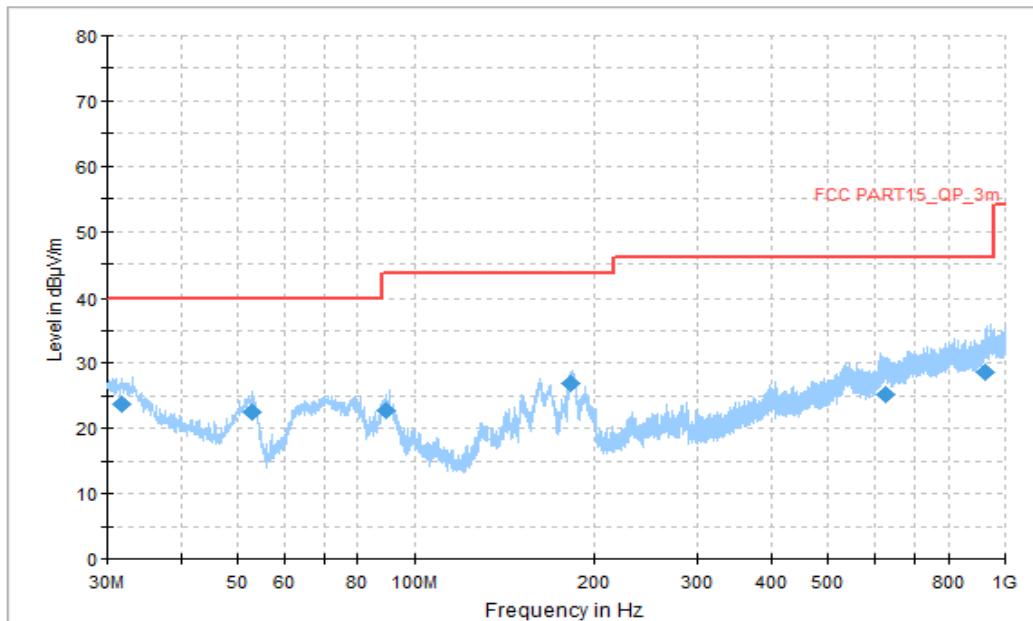


Figure A.1.5. Radiated Emission (Video Player, 30MHz to 1GHz)

Final_Results

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	ARpl (dB/m)	P _{Mea} (dBµV)
31.724444	23.77	40.00	16.23	V	-12	35.77
52.848889	22.53	40.00	17.47	V	-21	43.53
89.493333	22.86	43.52	20.66	V	-20	42.86
183.098333	26.97	43.52	16.55	V	-17	43.97
626.172778	25.31	46.02	20.71	V	-2	27.31
924.070556	28.67	46.02	17.35	H	2	26.67

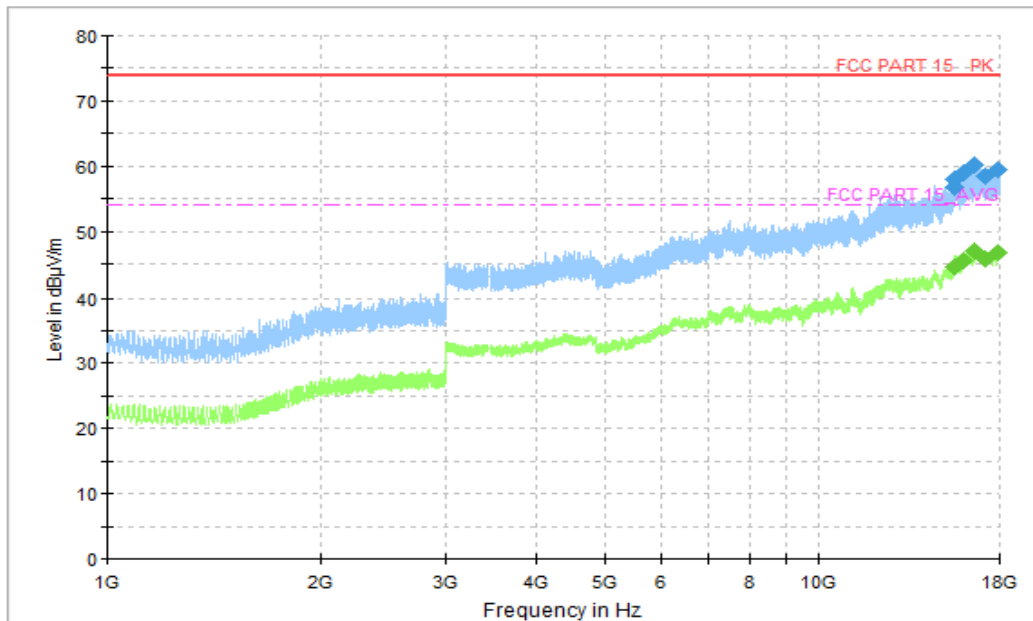


Figure A.1.6. Radiated Emission (Video Player, 1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBµV)
15546.250000	56.83	74.00	17.17	H	19	37.83
15553.250000	58.05	74.00	15.95	V	19	39.05
16029.750000	58.84	74.00	15.16	H	20	38.84
16587.500000	60.19	74.00	13.81	V	22	38.19
17142.250000	58.34	74.00	15.66	V	21	37.34
17886.500000	59.50	74.00	14.50	V	24	35.50

Final_Results_AVG

Frequency(MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBµV)
15546.250000	44.46	54.00	9.54	H	19	25.46
15553.250000	44.45	54.00	9.55	V	19	25.45
16029.750000	45.55	54.00	8.45	H	20	25.55
16587.500000	47.07	54.00	6.93	V	22	25.07
17142.250000	45.71	54.00	8.29	V	21	24.71
17886.500000	46.85	54.00	7.15	V	24	22.85

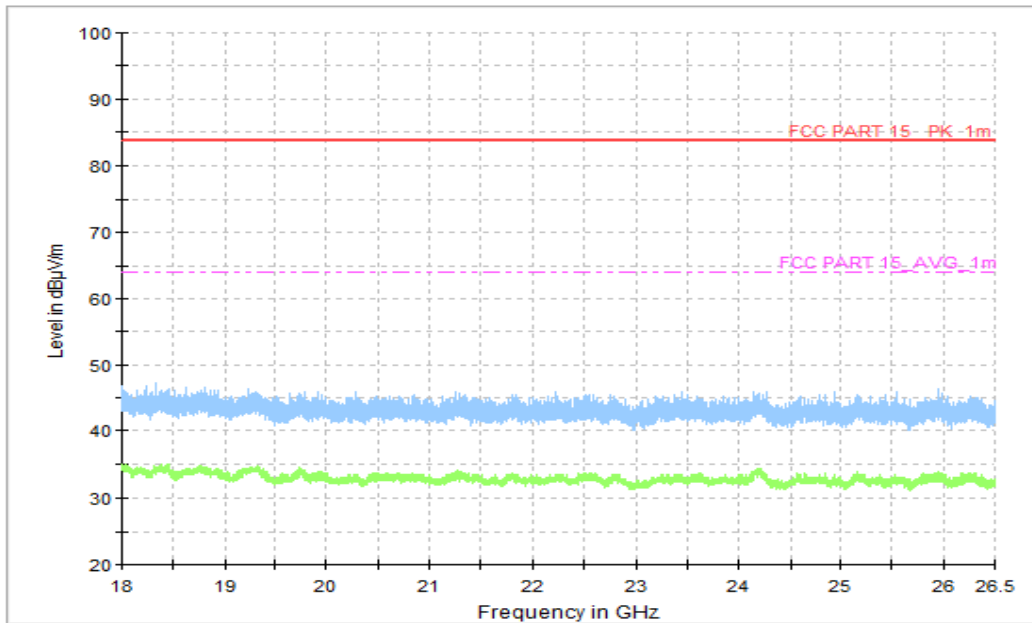


Figure A.1.7. Radiated Emission (Video Player, 18GHz to 26.5GHz)

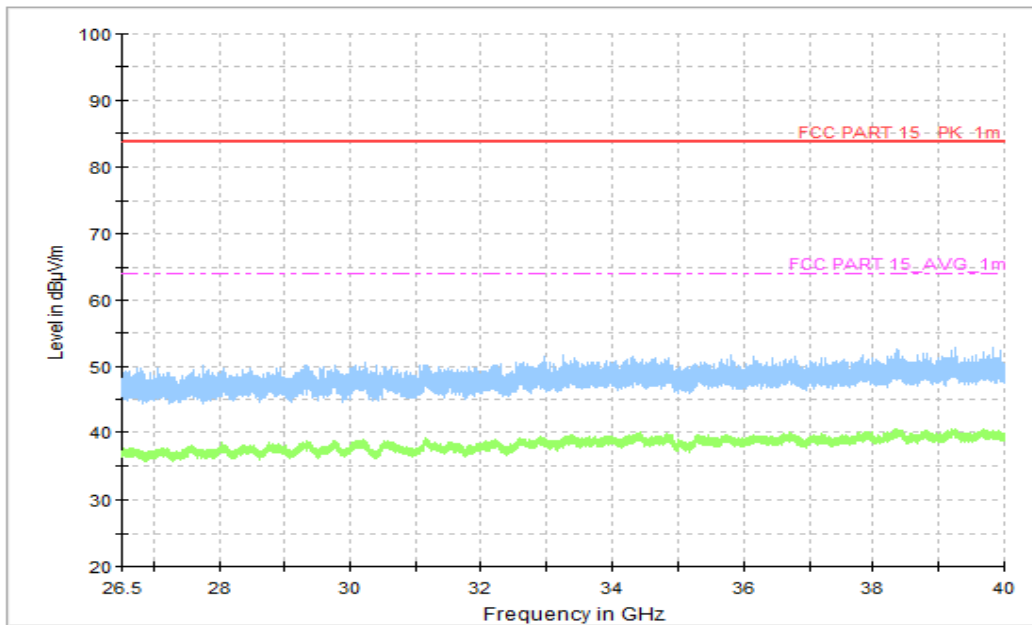


Figure A.1.8. Radiated Emission (Video Player, 26.5GHz to 40GHz)

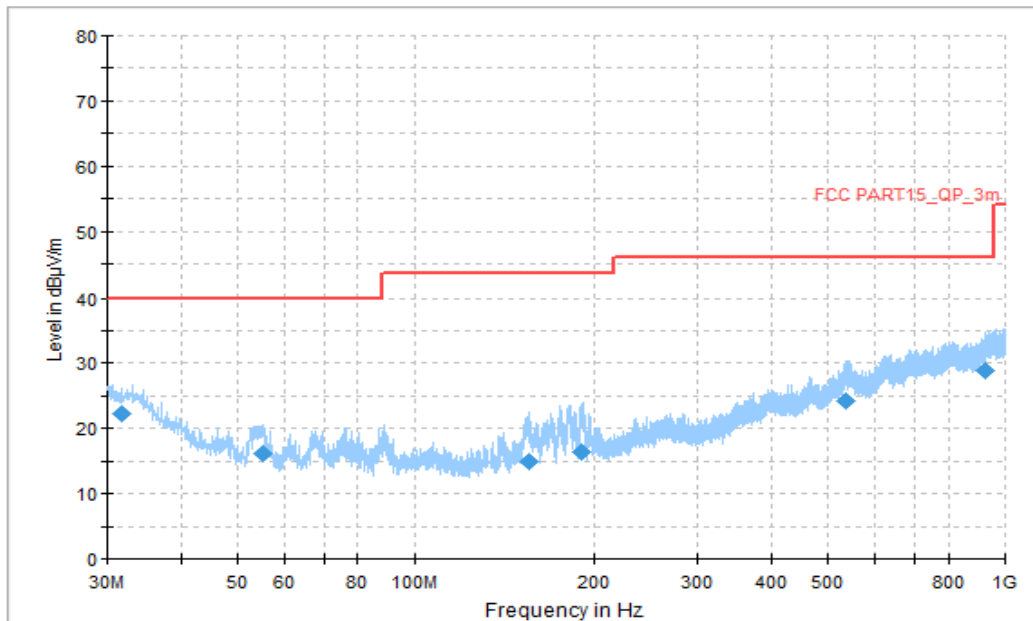


Figure A.1.9. Radiated Emission (GSM receiver 850MHz, 30MHz to 1GHz)

Final_Results

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	ARpl (dB/m)	P _{Mea} (dBµV)
31.778333	22.19	40.00	17.81	H	-12	34.19
55.112222	16.04	40.00	23.96	V	-21	37.04
155.076111	14.88	43.52	28.64	V	-16	30.88
190.373333	16.51	43.52	27.01	V	-17	33.51
536.501667	24.34	46.02	21.68	H	-3	27.34
925.795000	28.80	46.02	17.22	H	2	26.80

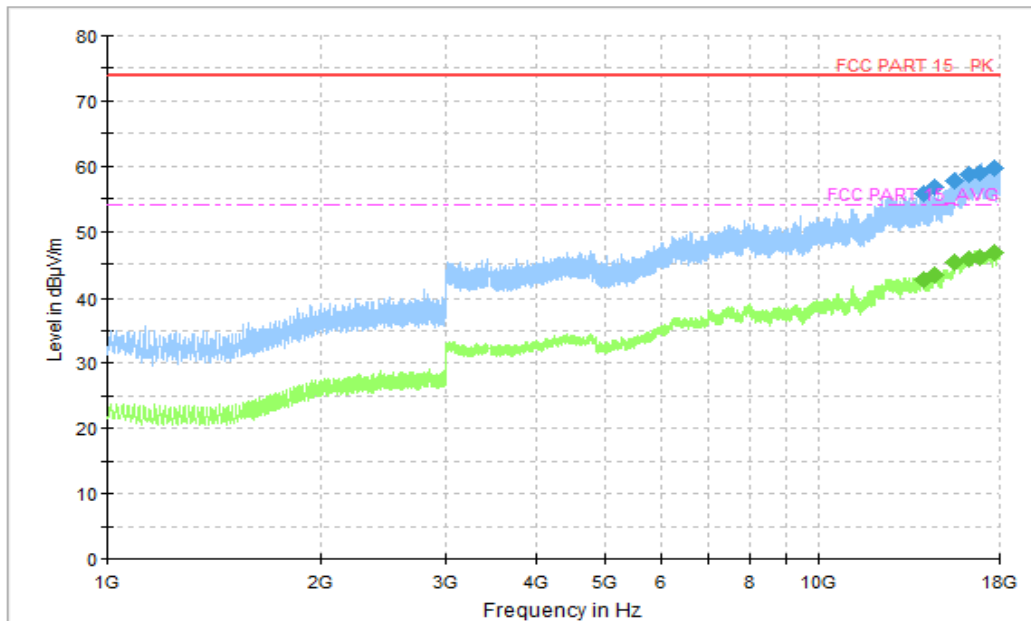


Figure A.1.10. Radiated Emission (GSM receiver 850MHz, 1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBµV)
14024.750000	55.73	74.00	18.27	H	17	38.73
14562.750000	56.74	74.00	17.26	V	18	38.74
15567.500000	57.77	74.00	16.23	H	20	37.77
16256.250000	58.64	74.00	15.36	H	21	37.64
16922.500000	59.08	74.00	14.92	V	22	37.08
17686.500000	59.51	74.00	14.49	H	23	36.51

Final_Results_AVG

Frequency(MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBµV)
14024.750000	42.54	54.00	11.46	H	17	25.54
14562.750000	43.23	54.00	10.77	V	18	25.23
15567.500000	45.15	54.00	8.85	H	20	25.15
16256.250000	45.83	54.00	8.17	H	21	24.83
16922.500000	46.00	54.00	8.00	V	22	24
17686.500000	46.65	54.00	7.35	H	23	23.65

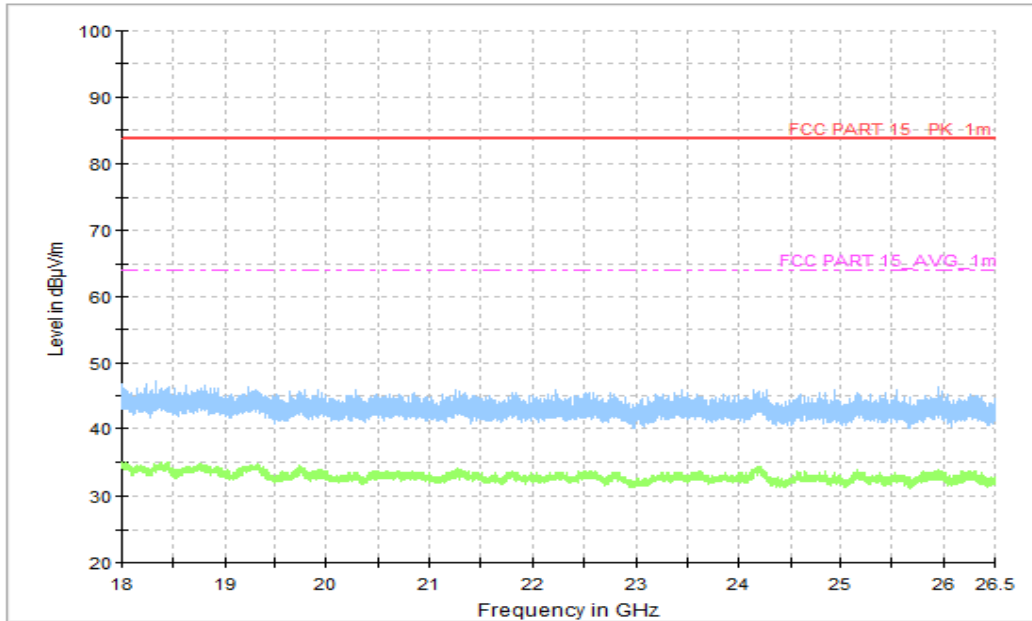


Figure A.1.11. Radiated Emission (GSM receiver 850MHz, 18GHz to 26.5GHz)

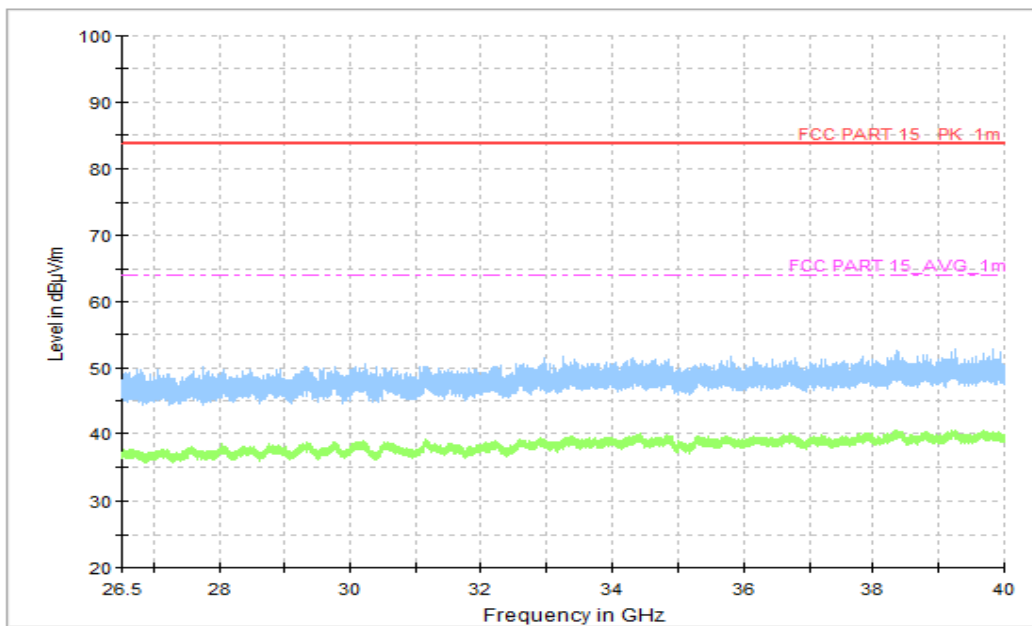


Figure A.1.12. Radiated Emission (GSM receiver 850MHz, 26.5GHz to 40GHz)

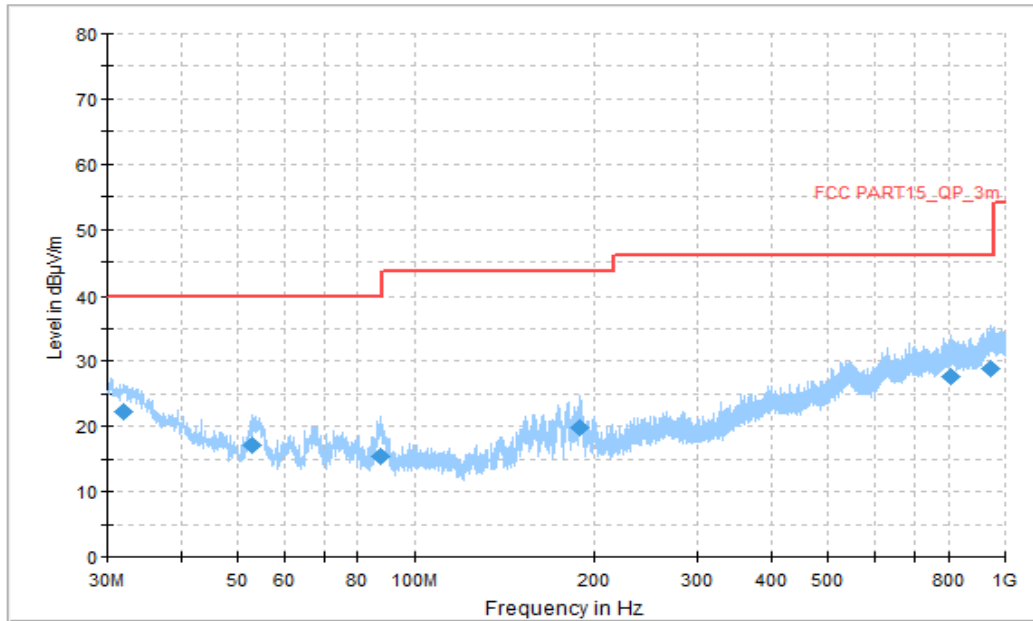


Figure A.1.13. Radiated Emission (WCDMA receiver Band 5, 30MHz to 1GHz)

Final_Results

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	ARpl (dB/m)	P _{Mea} (dBµV)
32.047778	22.25	40.00	17.75	H	-13	35.25
53.010556	17.04	40.00	22.96	V	-21	38.04
87.176111	15.45	40.00	24.55	V	-21	36.45
189.565000	19.85	43.52	23.67	V	-17	36.85
806.700556	27.68	46.02	18.34	H	1	26.68
941.961667	28.98	46.02	17.04	V	3	25.98

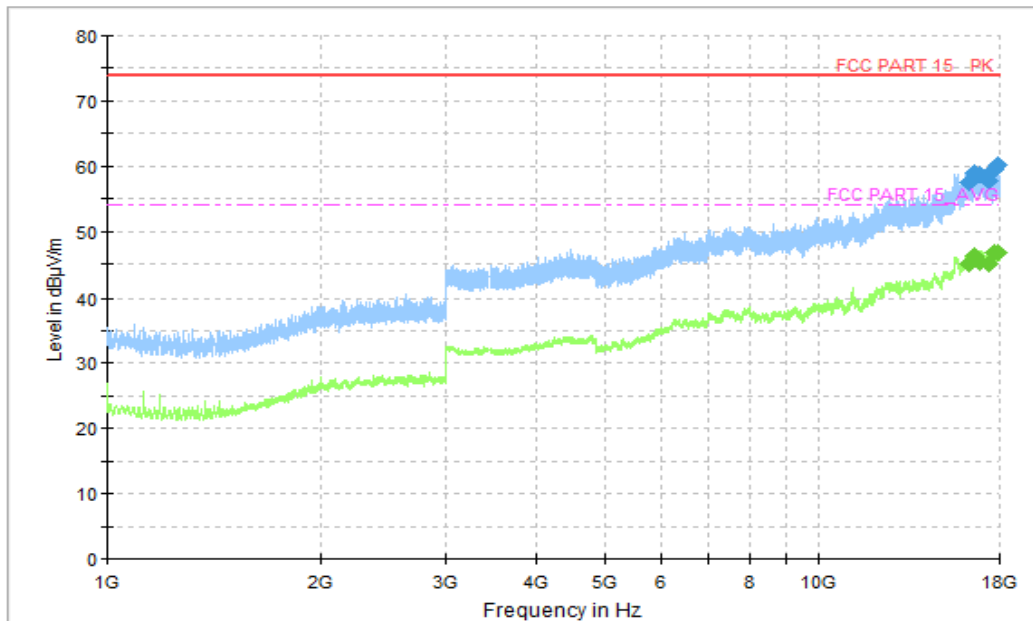


Figure A.1.14. Radiated Emission (WCDMA receiver Band 5, 1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBµV)
16284.500000	57.55	74.00	16.45	H	21	36.55
16575.750000	58.86	74.00	15.14	V	22	36.86
16843.500000	58.76	74.00	15.24	H	22	36.76
17391.750000	57.63	74.00	16.37	H	22	35.63
17704.250000	59.37	74.00	14.63	V	23	36.37
17886.000000	60.28	74.00	13.72	V	24	36.28

Final_Results_AVG

Frequency(MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBµV)
16284.500000	45.09	54.00	8.91	H	21	24.09
16575.750000	46.24	54.00	7.76	V	22	24.24
16843.500000	45.37	54.00	8.63	H	22	23.37
17391.750000	45.02	54.00	8.98	H	22	23.02
17704.250000	46.70	54.00	7.30	V	23	23.7
17886.000000	46.71	54.00	7.29	V	24	22.71

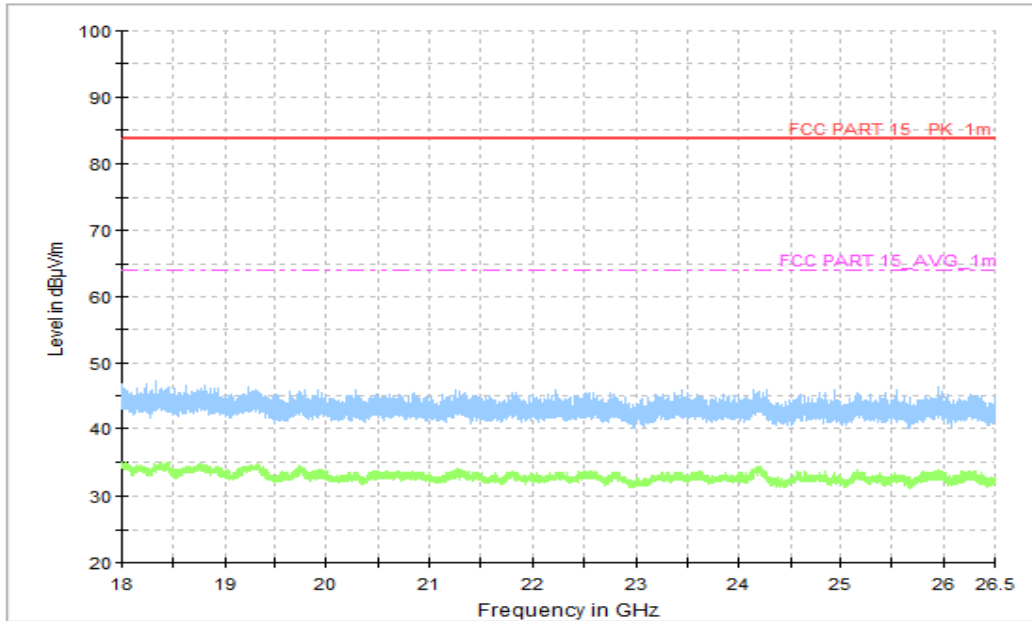


Figure A.1.15. Radiated Emission (WCDMA receiver Band 5, 18GHz to 26.5GHz)

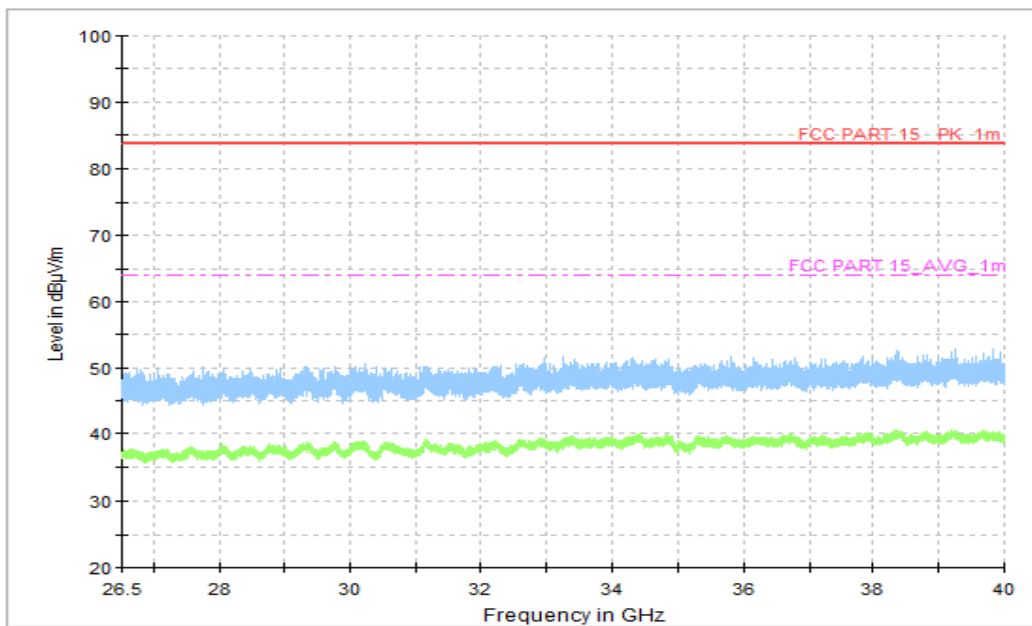


Figure A.1.16. Radiated Emission (WCDMA receiver Band 5, 26.5GHz to 40GHz)

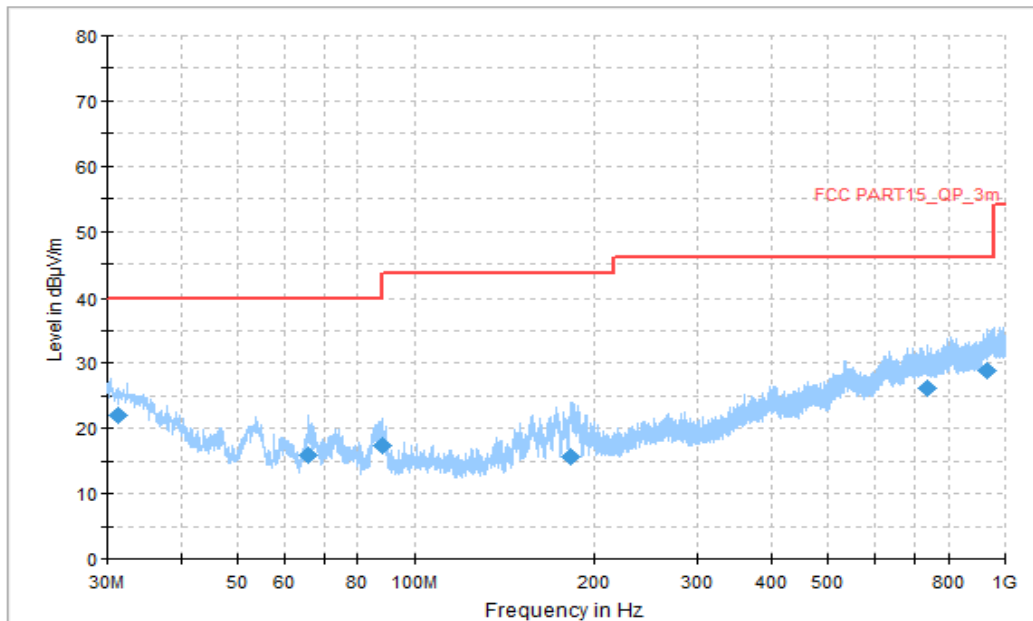


Figure A.1.17. Radiated Emission (LTE receiver Band 5, 30MHz to 1GHz)

Final_Results

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	ARpl (dB/m)	P _{Mea} (dBµV)
31.239444	22.13	40.00	17.87	H	-12	34.13
65.890000	15.97	40.00	24.03	V	-20	35.97
87.768889	17.29	40.00	22.71	V	-21	38.29
182.128333	15.75	43.52	27.77	V	-17	32.75
739.123889	26.24	46.02	19.78	H	-1	27.24
931.776667	28.84	46.02	17.18	V	2	26.84

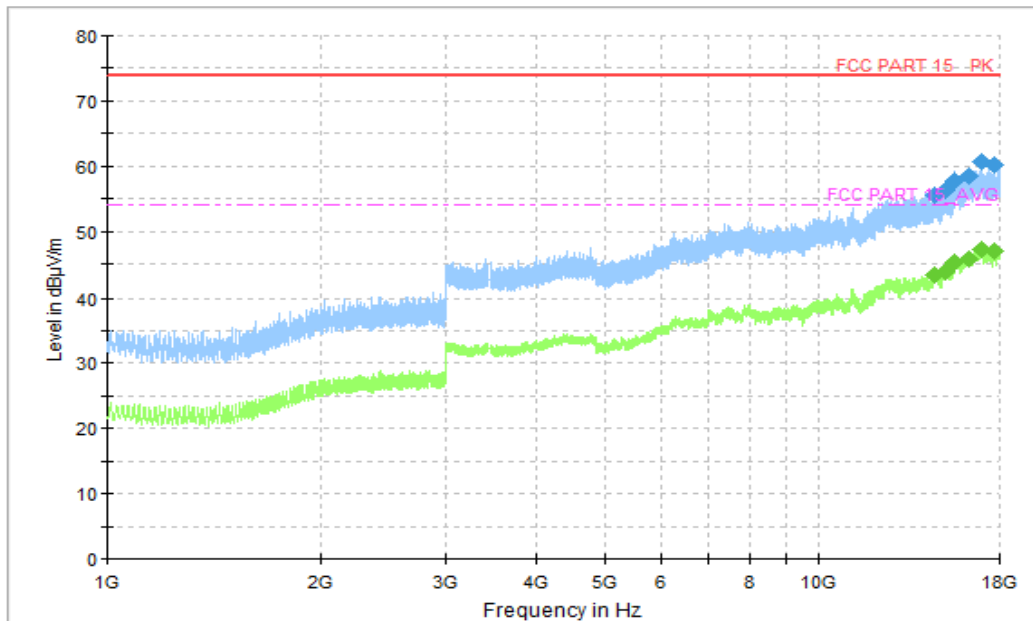


Figure A.1.18. Radiated Emission (LTE receiver Band 5, 1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBµV)
14544.500000	55.57	74.00	18.43	V	18	37.57
15099.000000	56.35	74.00	17.65	H	18	38.35
15586.000000	57.59	74.00	16.41	H	20	37.59
16252.750000	58.35	74.00	15.65	V	21	37.35
17001.250000	60.61	74.00	13.39	H	23	37.61
17699.750000	60.10	74.00	13.90	V	23	37.10

Final_Results_AVG

Frequency(MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBµV)
14544.500000	43.22	54.00	10.78	V	18	25.22
15099.000000	43.75	54.00	10.25	H	18	25.75
15586.000000	45.38	54.00	8.62	H	20	25.38
16252.750000	45.67	54.00	8.33	V	21	24.67
17001.250000	47.23	54.00	6.77	H	23	24.23
17699.750000	46.94	54.00	7.06	V	23	23.94

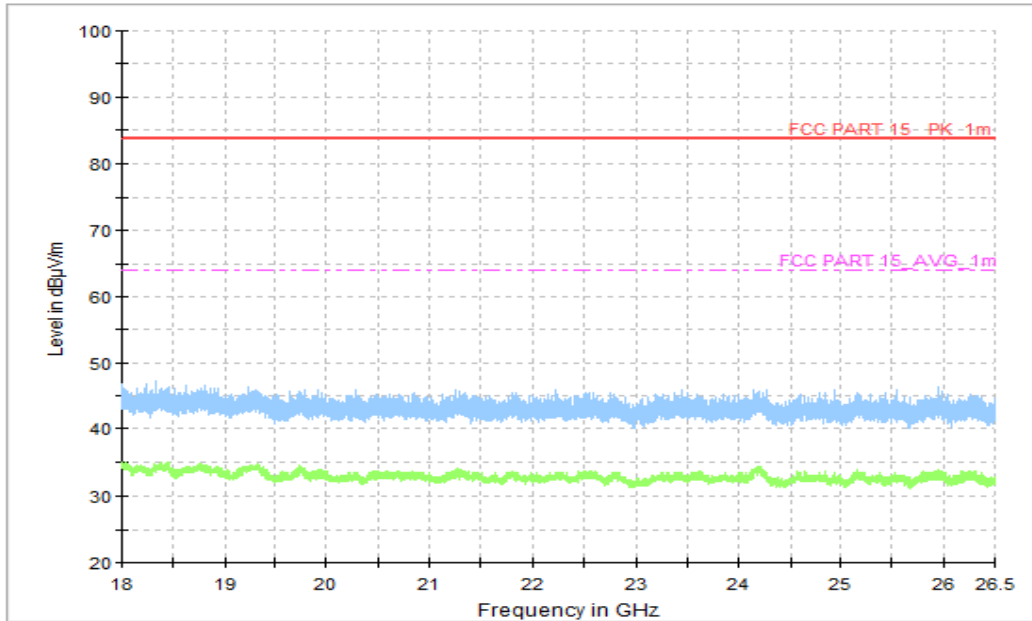


Figure A.1.19. Radiated Emission (LTE receiver Band 5, 18GHz to 26.5GHz)

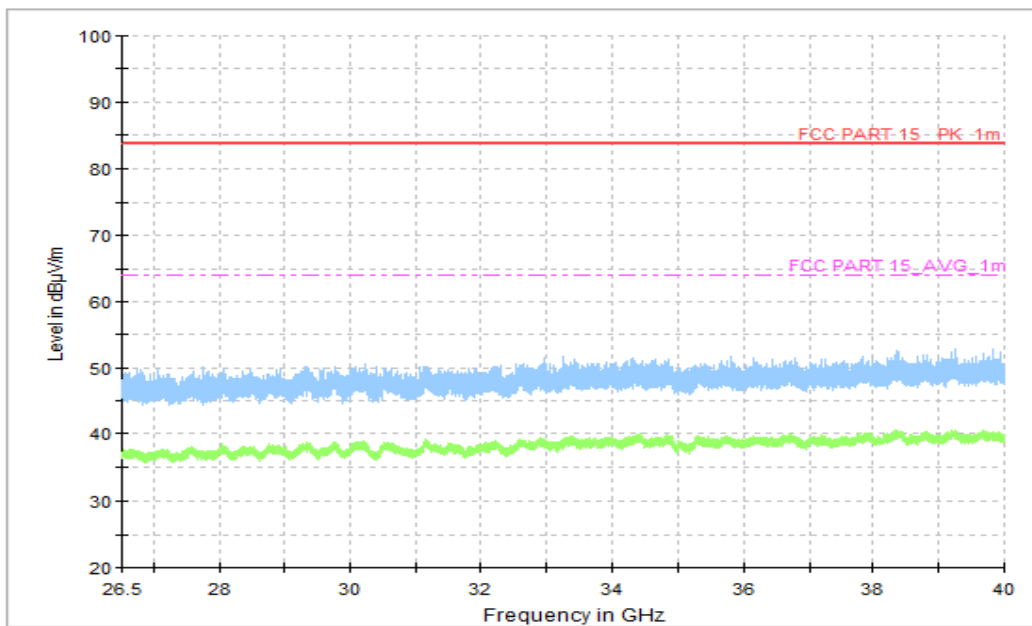


Figure A.1.20. Radiated Emission (LTE receiver Band 5, 26.5GHz to 40GHz)

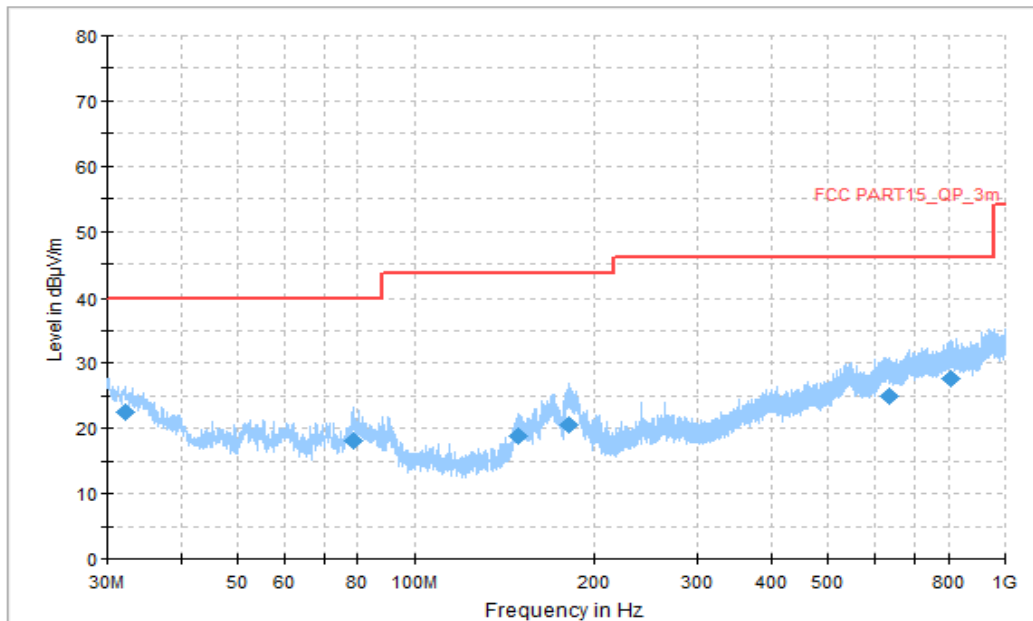


Figure A.1.21. Radiated Emission (LTE receiver Band 12, 30MHz to 1GHz)

Final_Results

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	ARpl (dB/m)	P _{Mea} (dBµV)
32.101667	22.45	40.00	17.55	V	-13	35.45
78.769444	18.05	40.00	21.95	V	-21	39.05
148.771111	18.83	43.52	24.69	V	-17	35.83
180.996667	20.62	43.52	22.90	V	-17	37.62
637.543333	24.96	46.02	21.06	H	-2	26.96
811.335000	27.54	46.02	18.48	H	1	26.54

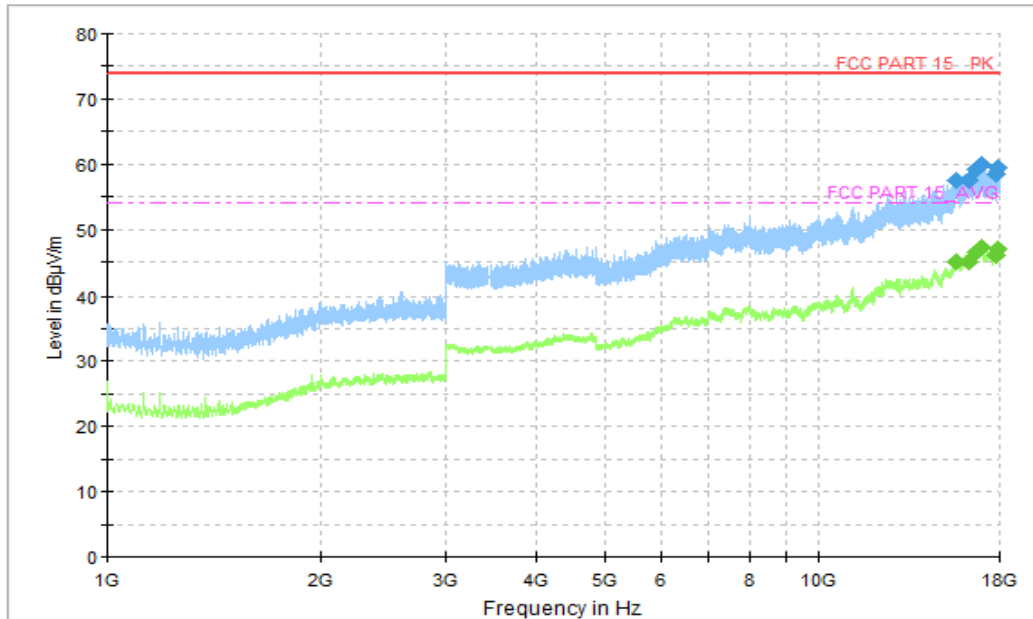


Figure A.1.22. Radiated Emission (LTE receiver Band 12, 1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBµV)
15590.250000	57.46	74.00	16.54	V	20	37.46
16276.500000	57.54	74.00	16.46	V	21	36.54
16658.250000	59.84	74.00	14.16	V	22	37.84
17015.750000	59.97	74.00	14.03	V	23	36.97
17747.750000	58.55	74.00	15.45	H	23	35.55
17900.250000	59.44	74.00	14.56	H	24	35.44

Final_Results_AVG

Frequency(MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBµV)
15590.250000	45.10	54.00	8.90	V	20	25.10
16276.500000	45.03	54.00	8.97	V	21	24.03
16658.250000	46.48	54.00	7.52	V	22	24.48
17015.750000	47.16	54.00	6.84	V	23	24.16
17747.750000	45.91	54.00	8.09	H	23	22.91
17900.250000	46.95	54.00	7.05	H	24	22.95

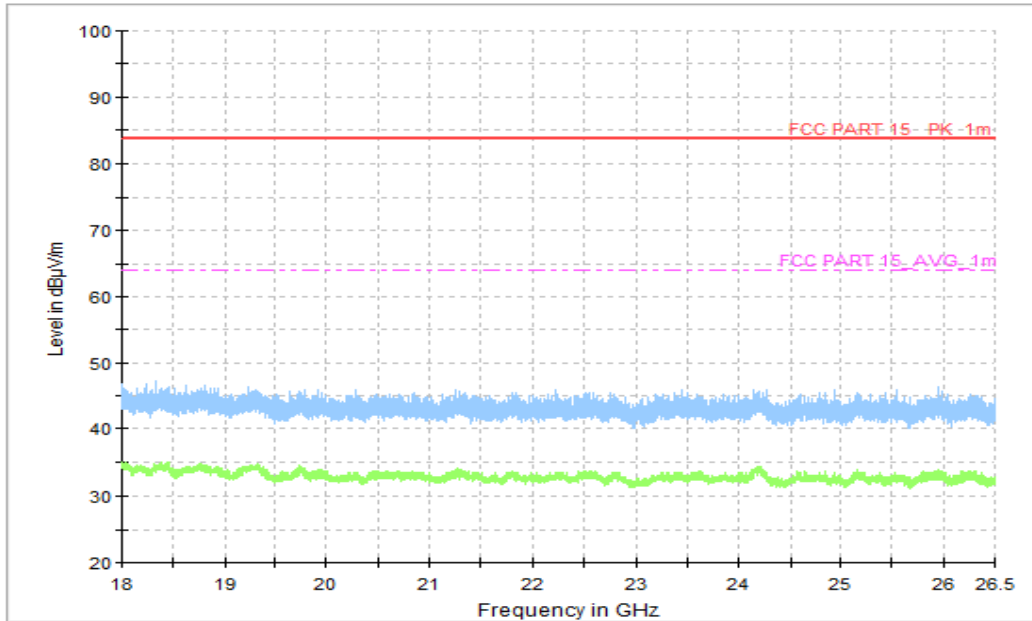


Figure A.1.23. Radiated Emission (LTE receiver Band 12, 18GHz to 26.5GHz)

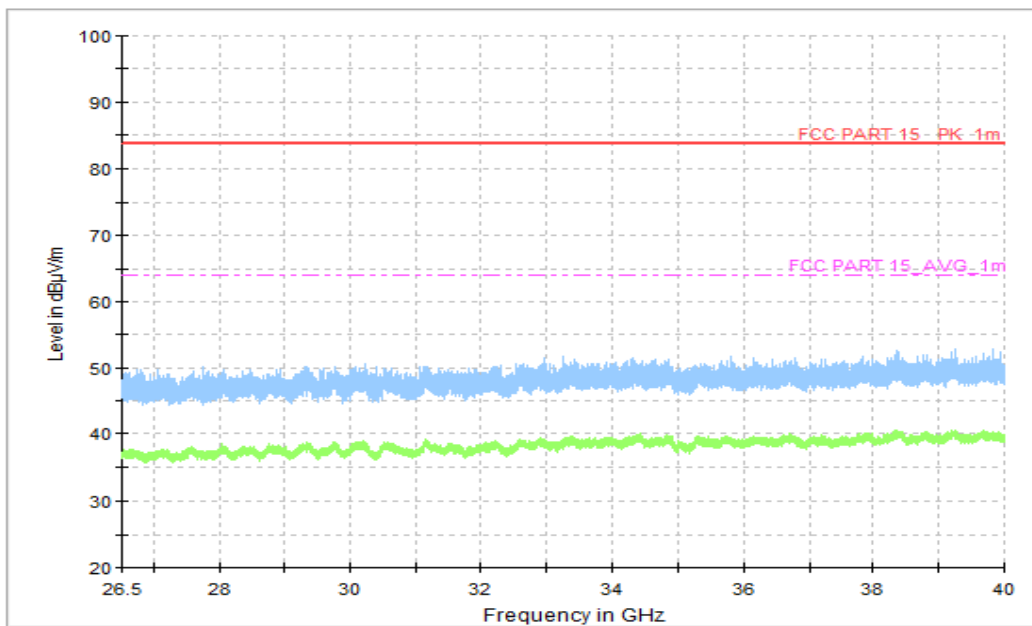


Figure A.1.24. Radiated Emission (LTE receiver Band 12, 26.5GHz to 40GHz)

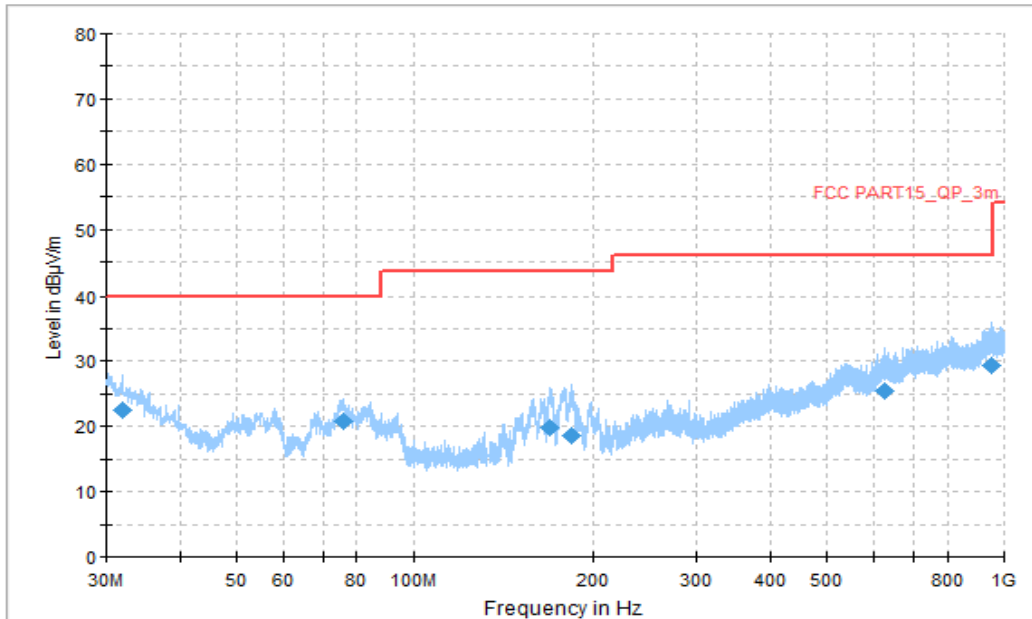


Figure A.1.25. Radiated Emission (LTE receiver Band 13, 30MHz to 1GHz)

Final_Results

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	ARpl (dB/m)	P _{Mea} (dBµV)
31.940000	22.57	40.00	17.43	V	-12	34.57
76.021111	20.71	40.00	19.29	V	-20	40.71
169.410556	19.90	43.52	23.62	V	-17	36.90
183.798889	18.59	43.52	24.93	V	-17	35.59
626.873333	25.34	46.02	20.68	V	-2	27.34
953.871111	29.47	46.02	16.55	V	3	26.47

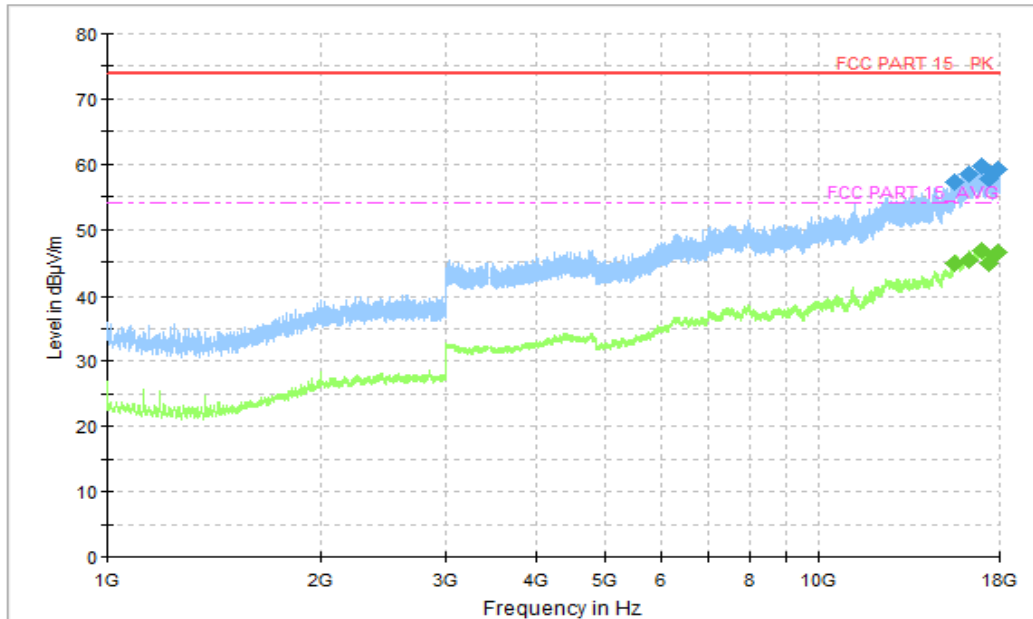


Figure A.1.26. Radiated Emission (LTE receiver Band 13, 1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBµV)
15577.750000	57.15	74.00	16.85	H	20	37.15
16244.250000	58.44	74.00	15.56	V	21	37.44
16985.500000	59.64	74.00	14.36	V	23	36.64
17340.500000	57.63	74.00	16.37	H	22	35.63
17659.750000	58.74	74.00	15.26	H	23	35.74
17875.250000	59.21	74.00	14.79	H	24	35.21

Final_Results_AVG

Frequency(MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBµV)
15577.750000	44.67	54.00	9.33	H	20	24.67
16244.250000	45.28	54.00	8.72	V	21	24.28
16985.500000	46.76	54.00	7.24	V	23	23.76
17340.500000	44.84	54.00	9.16	H	22	22.84
17659.750000	45.96	54.00	8.04	H	23	22.96
17875.250000	46.59	54.00	7.41	H	24	22.59

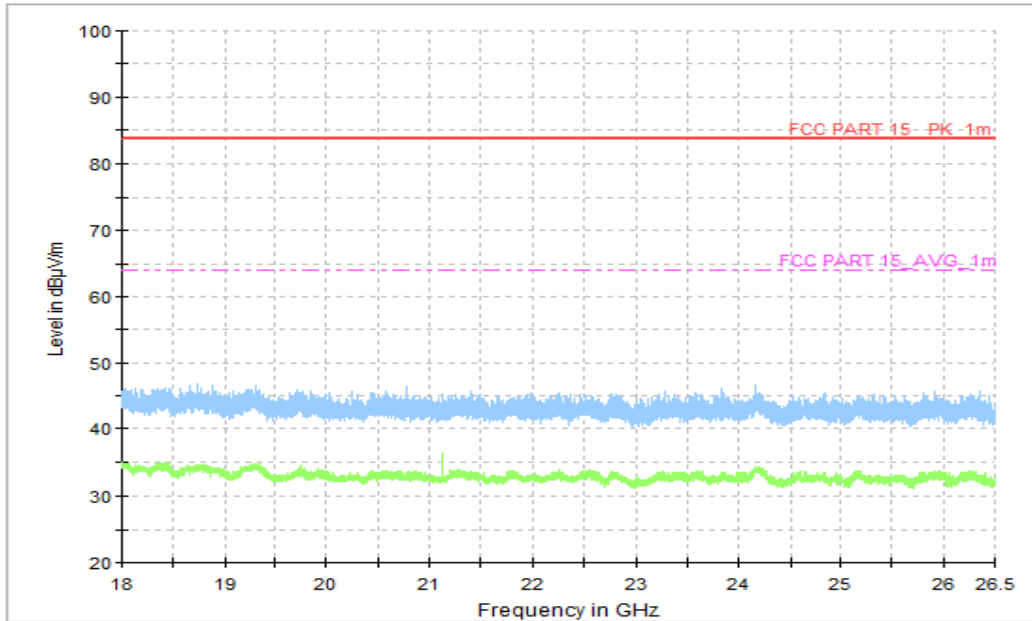


Figure A.1.27. Radiated Emission (LTE receiver Band 13, 18GHz to 26.5GHz)

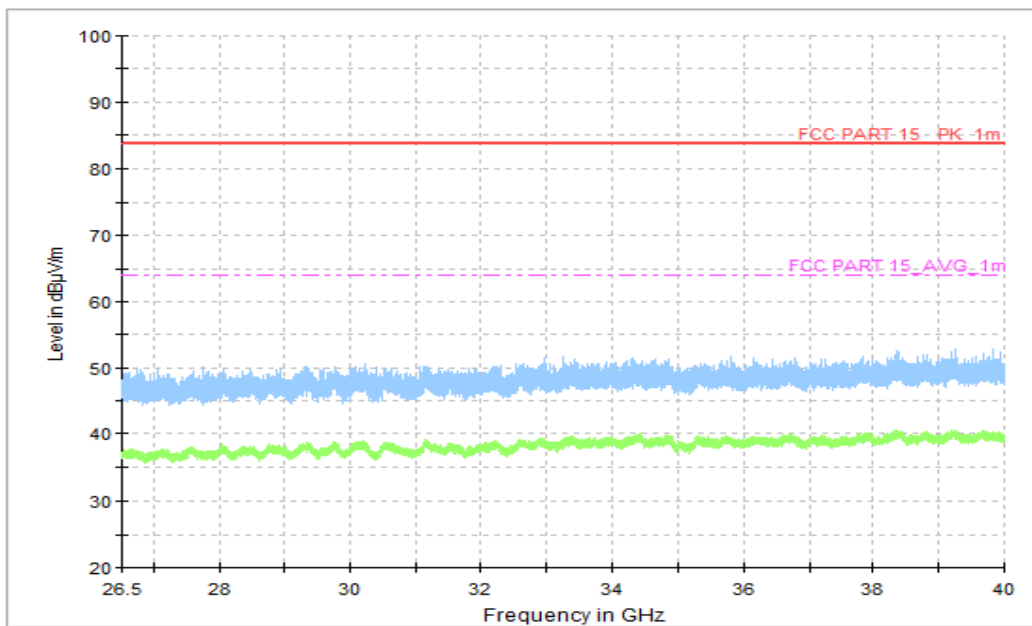


Figure A.1.28. Radiated Emission (LTE receiver Band 13, 26.5GHz to 40GHz)

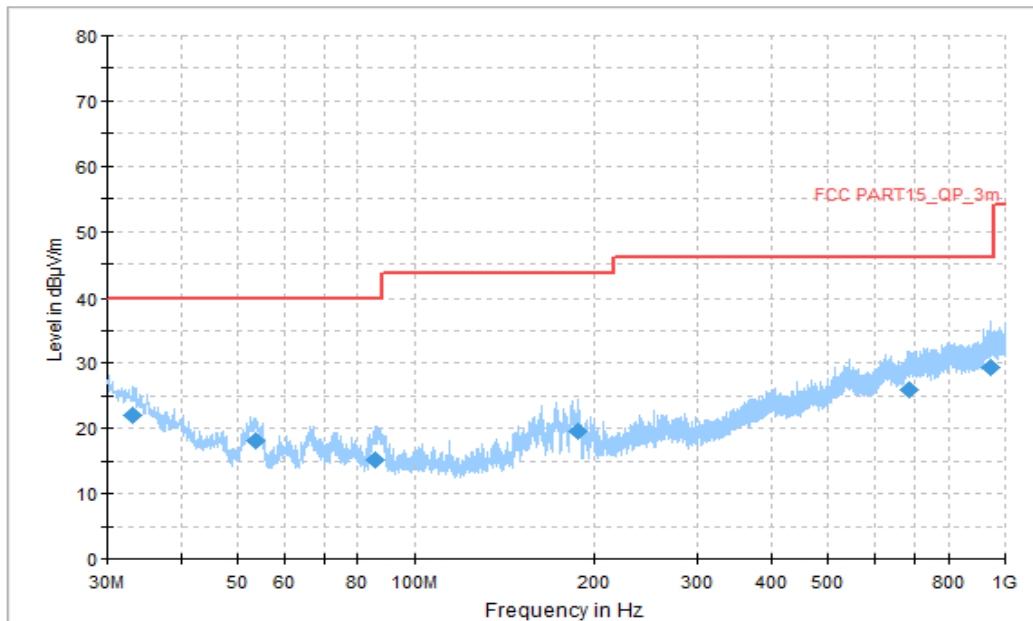


Figure A.1.29. Radiated Emission (LTE receiver Band 17, 30MHz to 1GHz)

Final_Results

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	ARpl (dB/m)	P _{Mea} (dBµV)
33.179444	22.08	40.00	17.92	V	-13	35.08
53.549444	18.11	40.00	21.89	V	-21	39.11
85.882778	15.18	40.00	24.82	V	-21	36.18
188.487222	19.46	43.52	24.06	V	-17	36.46
687.067222	25.98	46.02	20.04	V	-1	26.98
944.763889	29.30	46.02	16.72	V	3	26.30

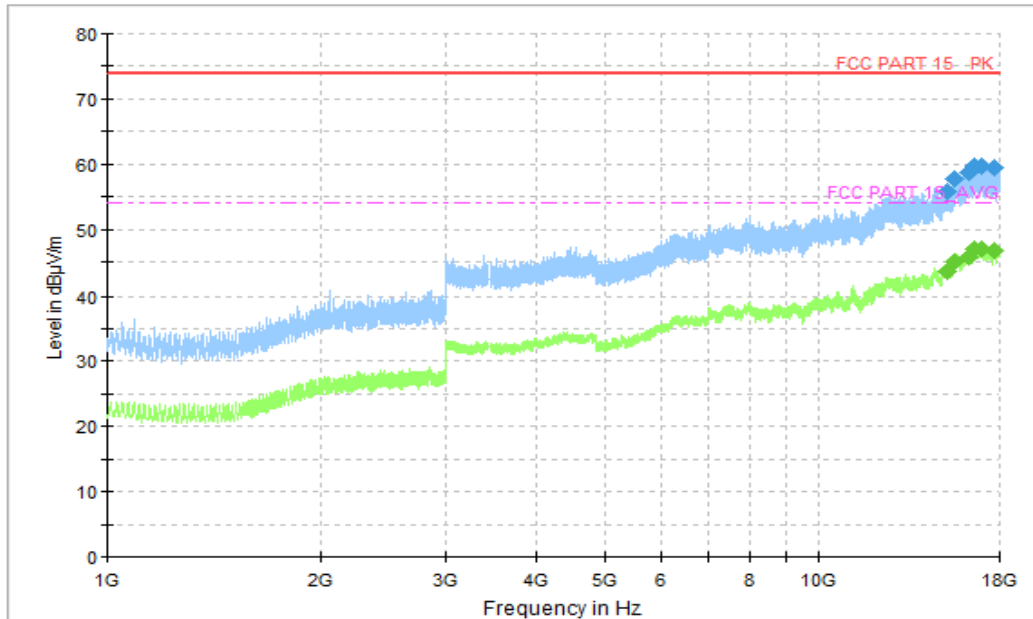


Figure A.1.30. Radiated Emission (LTE receiver Band 17, 1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBµV)
15159.750000	55.84	74.00	18.16	V	18	37.84
15581.500000	57.78	74.00	16.22	H	20	37.78
16252.250000	58.65	74.00	15.35	H	21	37.65
16596.500000	59.78	74.00	14.22	H	22	37.78
17012.500000	59.55	74.00	14.45	H	23	36.55
17695.500000	59.37	74.00	14.63	H	23	36.37

Final_Results_AVG

Frequency(MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBµV)
15159.750000	43.51	54.00	10.49	V	18	25.51
15581.500000	45.07	54.00	8.93	H	20	25.07
16252.250000	45.65	54.00	8.35	H	21	24.65
16596.500000	46.18	54.00	7.82	H	22	24.18
17012.500000	47.02	54.00	6.98	H	23	24.02
17695.500000	46.81	54.00	7.19	H	23	23.81

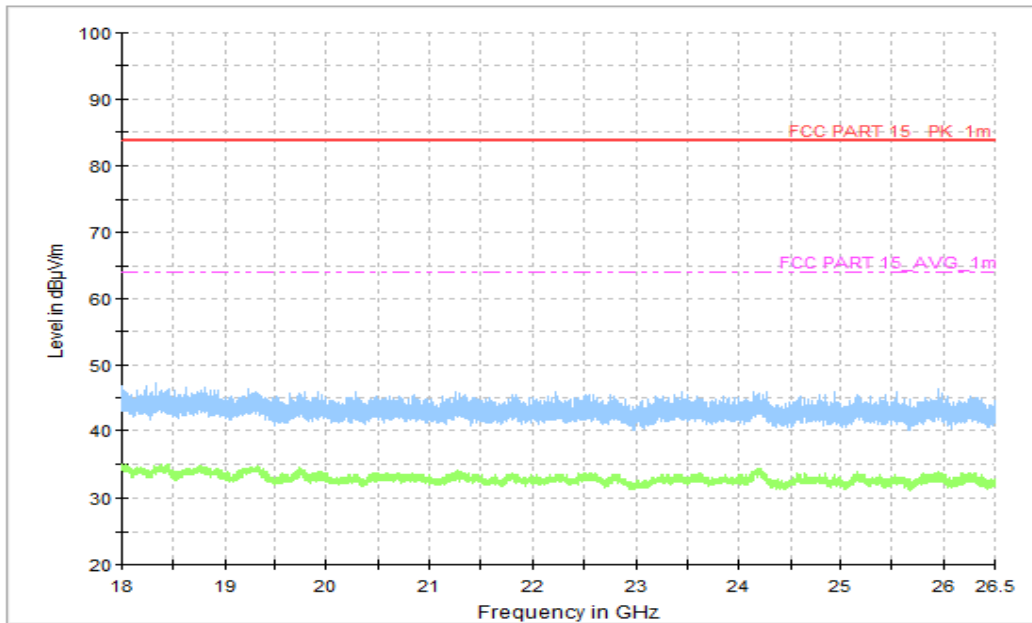


Figure A.1.31. Radiated Emission (LTE receiver Band 17, 18GHz to 26.5GHz)

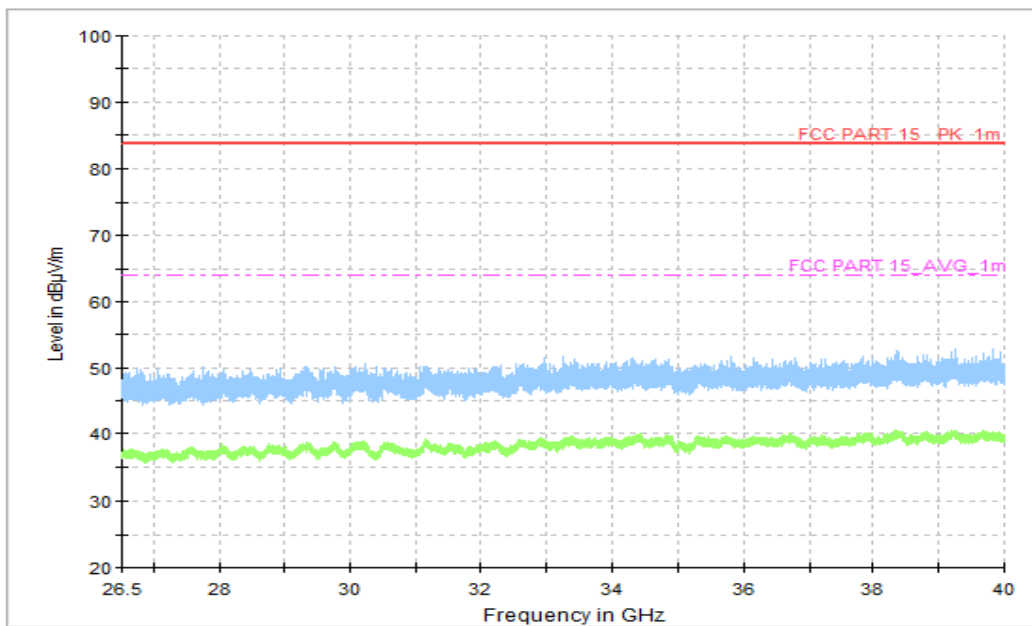


Figure A.1.32. Radiated Emission (LTE receiver Band 17, 26.5GHz to 40GHz)

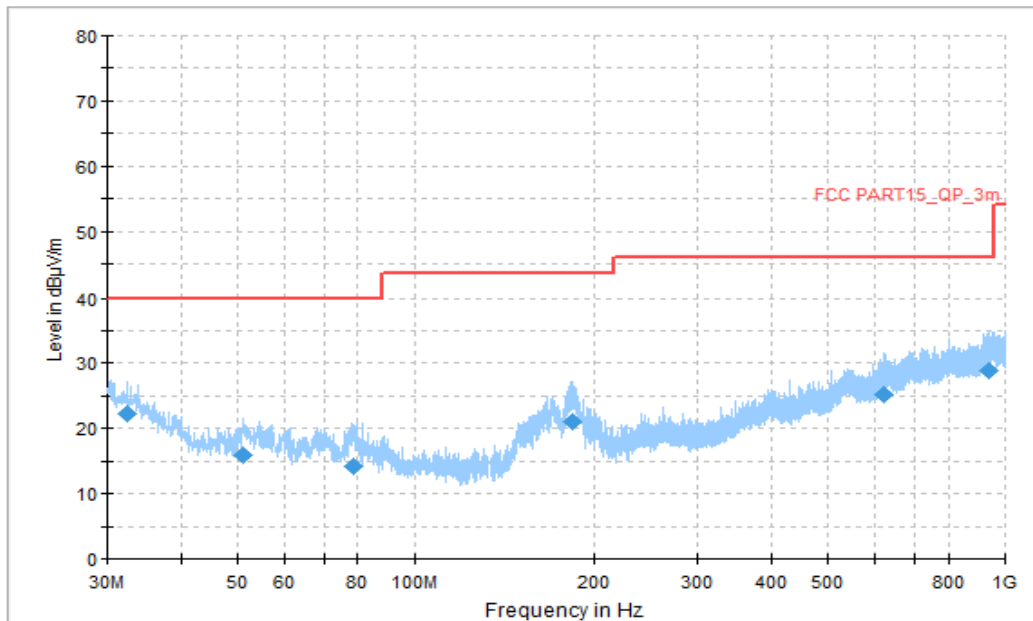


Figure A.1.33. Radiated Emission (LTE receiver Band 26, 30MHz to 1GHz)

Final_Results

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	ARpl (dB/m)	P _{Mea} (dBµV)
32.371111	22.19	40.00	17.81	H	-13	35.19
50.908889	15.90	40.00	24.10	V	-21	36.9
78.607778	14.17	40.00	25.83	V	-21	35.17
183.313889	20.99	43.52	22.53	V	-17	37.99
623.424444	25.22	46.02	20.80	H	-2	27.22
935.548889	28.80	46.02	17.22	H	2	26.80

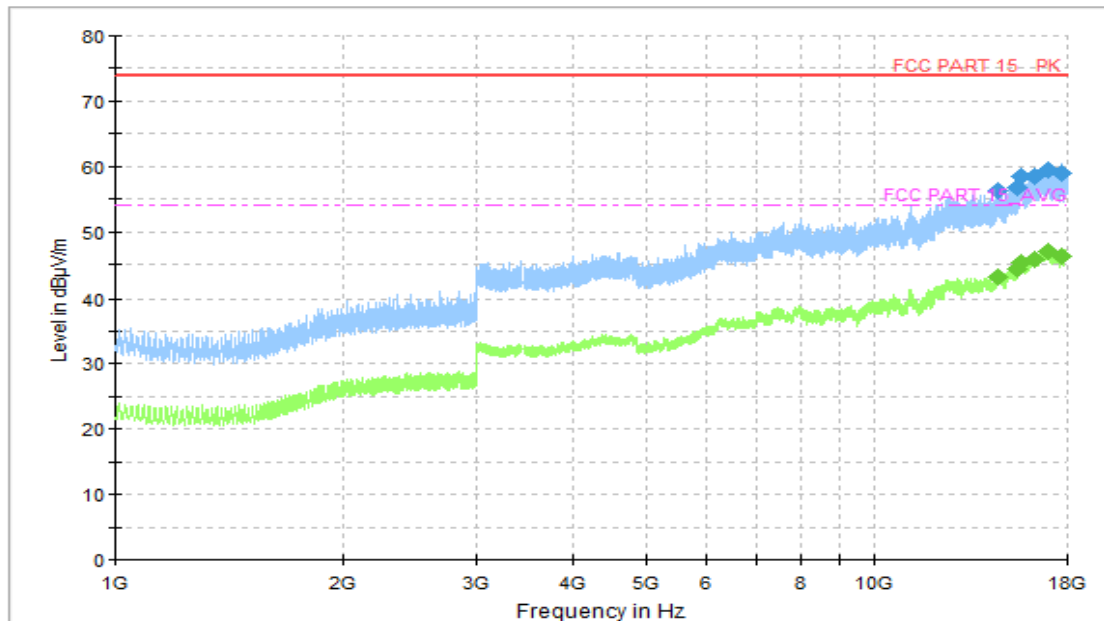


Figure A.1.34. Radiated Emission (LTE receiver Band 26, 1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBµV)
14559.250000	56.25	74.00	17.75	V	18	38.25
15467.750000	56.84	74.00	17.16	H	19	37.84
15635.500000	58.41	74.00	15.59	H	20	38.41
16257.250000	58.49	74.00	15.51	H	21	37.49
16980.500000	59.45	74.00	14.55	H	23	36.45
17664.250000	58.99	74.00	15.01	H	23	35.99

Final_Results_AVG

Frequency(MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBµV)
14559.250000	43.02	54.00	10.98	V	18	25.02
15467.750000	44.20	54.00	9.80	H	19	25.2
15635.500000	45.35	54.00	8.65	H	20	25.35
16257.250000	45.75	54.00	8.25	H	21	24.75
16980.500000	46.99	54.00	7.01	H	23	23.99
17664.250000	46.35	54.00	7.65	H	23	23.35

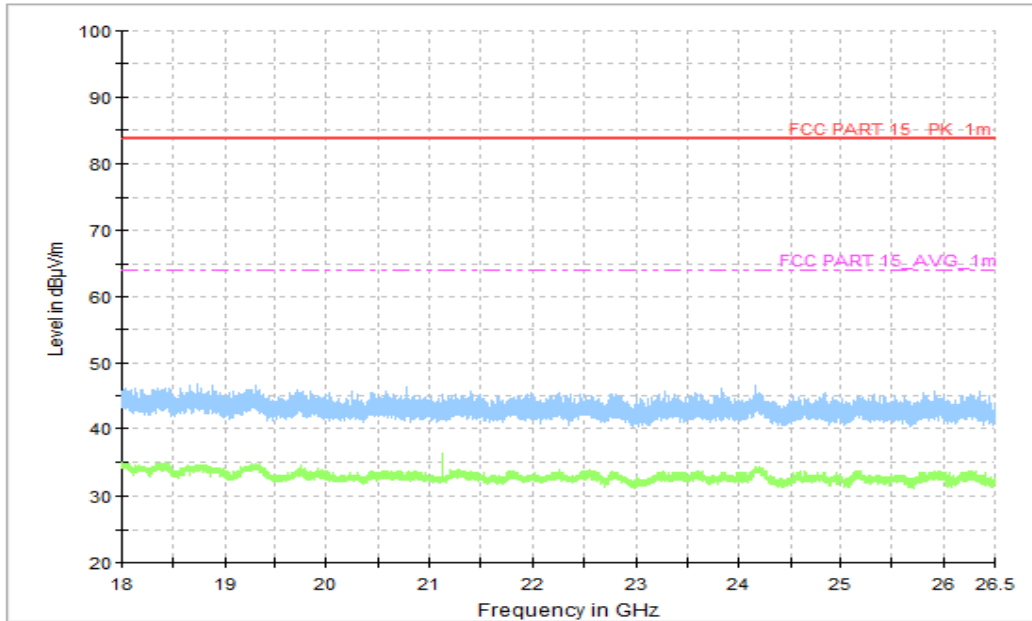


Figure A.1.35. Radiated Emission (LTE receiver Band 26, 18GHz to 26.5GHz)

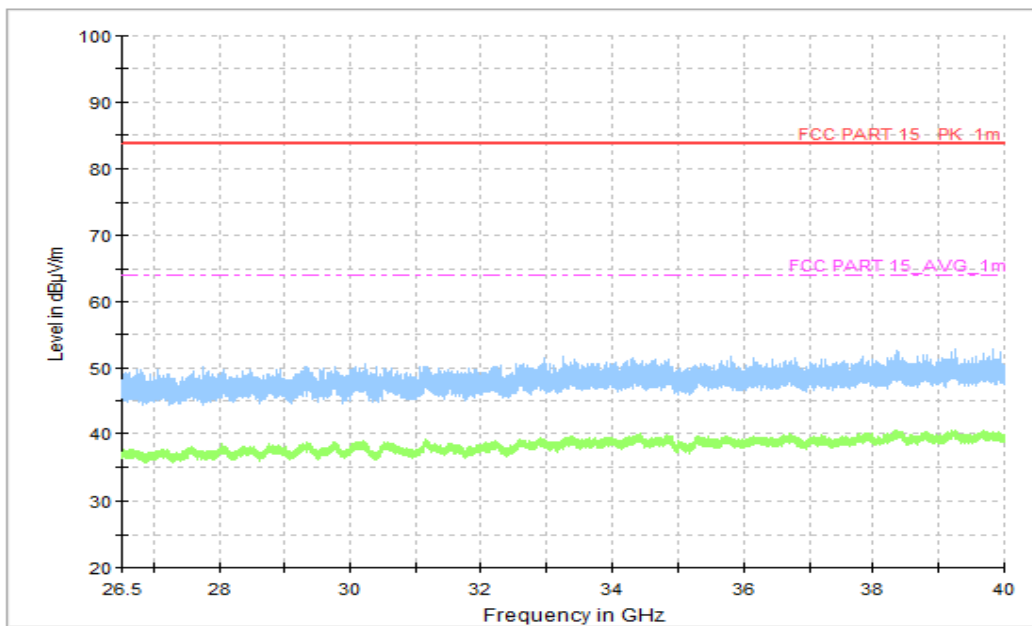


Figure A.1.36. Radiated Emission (LTE receiver Band 26, 26.5GHz to 40GHz)

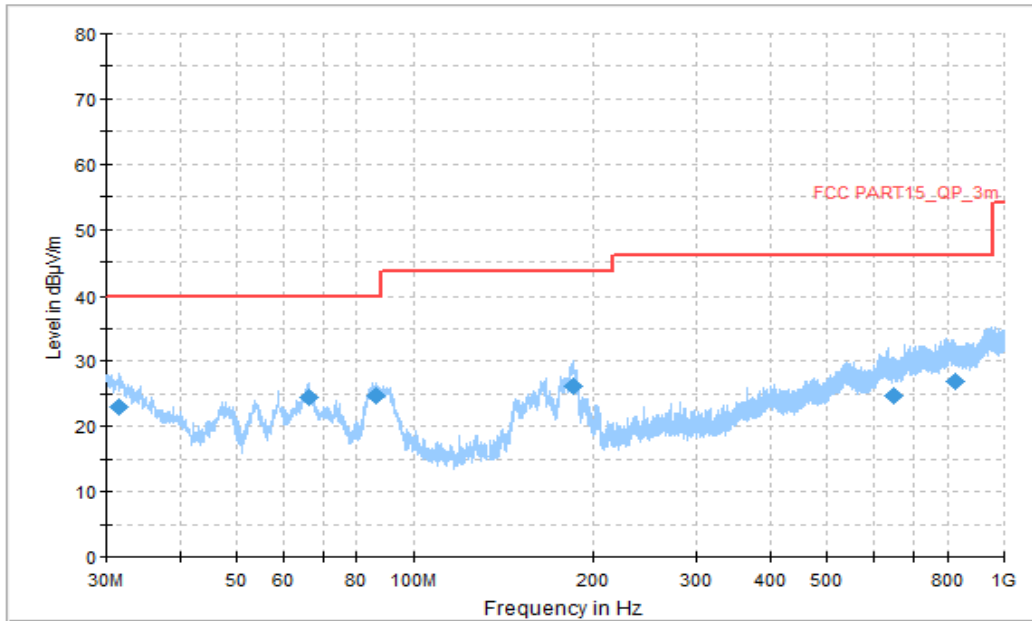


Figure A.1.37. Radiated Emission (Video Player, 30MHz to 1GHz)

Final_Results

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	ARpl (dB/m)	P _{Mea} (dBµV)
31.508889	23.00	40.00	17.00	V	-12	35.00
66.428889	24.36	40.00	15.64	V	-20	44.36
86.206111	24.68	40.00	15.32	V	-21	45.68
184.661111	26.22	43.52	17.30	V	-17	43.22
647.135556	24.76	46.02	21.26	V	-2	26.76
825.831111	26.89	46.02	19.13	H	0	26.89

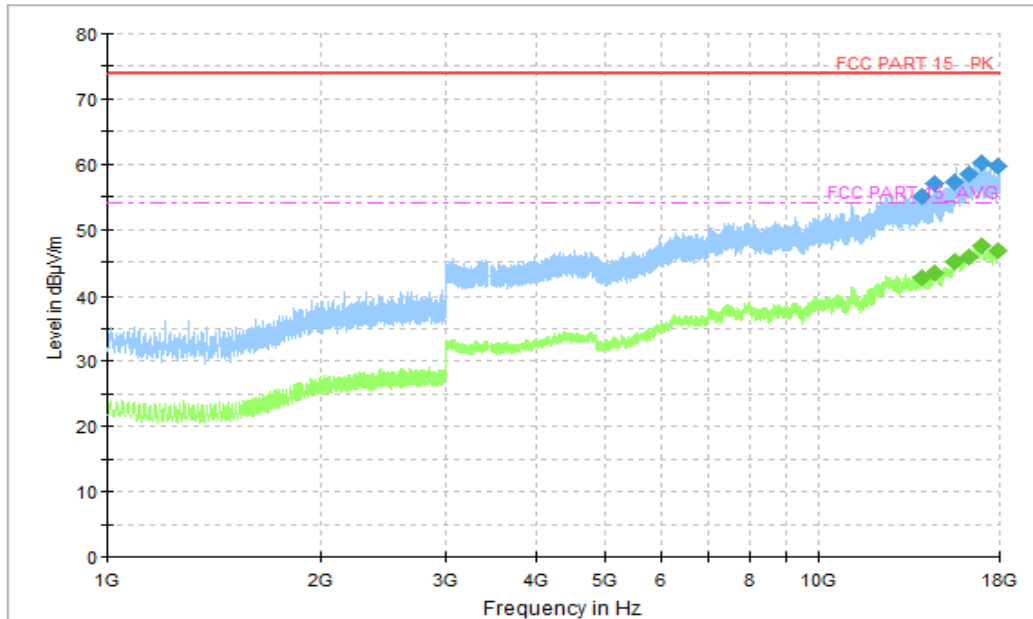


Figure A.1.38. Radiated Emission (Video Player, 1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBµV)
13968.250000	55.15	74.00	18.85	H	17	38.15
14563.500000	56.95	74.00	17.05	V	18	38.95
15565.500000	57.36	74.00	16.64	H	20	37.36
16257.500000	58.49	74.00	15.51	V	21	37.49
16998.250000	60.15	74.00	13.85	H	23	37.15
17905.250000	59.77	74.00	14.23	V	24	35.77

Final_Results_AVG

Frequency(MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBµV)
13968.250000	42.54	54.00	11.46	H	17	25.54
14563.500000	43.23	54.00	10.77	V	18	25.23
15565.500000	44.96	54.00	9.04	H	20	24.96
16257.500000	45.75	54.00	8.25	V	21	24.75
16998.250000	47.40	54.00	6.60	H	23	24.4
17905.250000	46.83	54.00	7.17	V	24	22.83

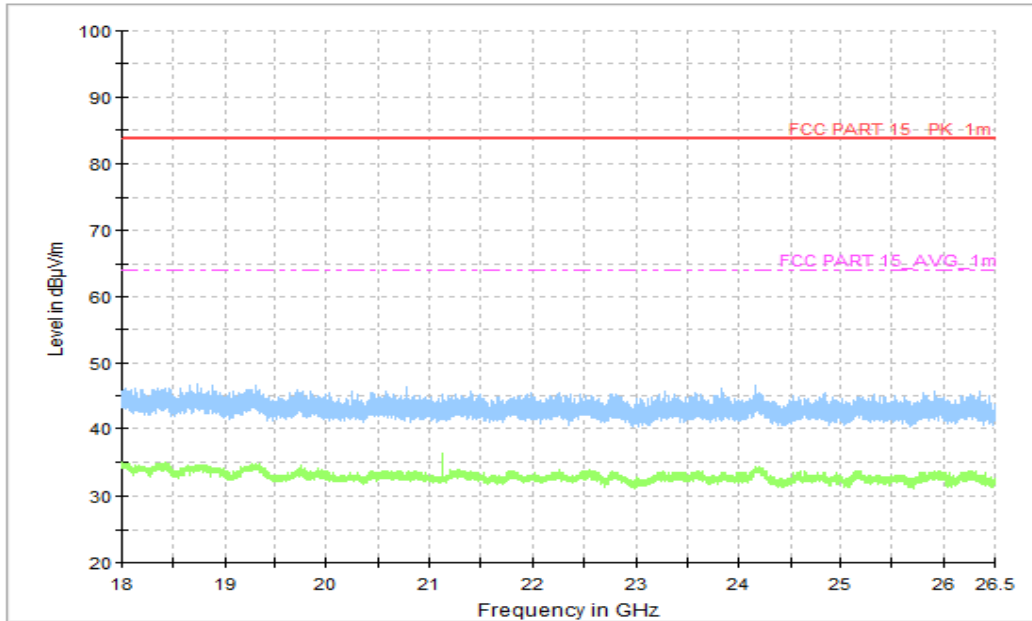


Figure A.1.39. Radiated Emission (Video Player, 18GHz to 26.5GHz)

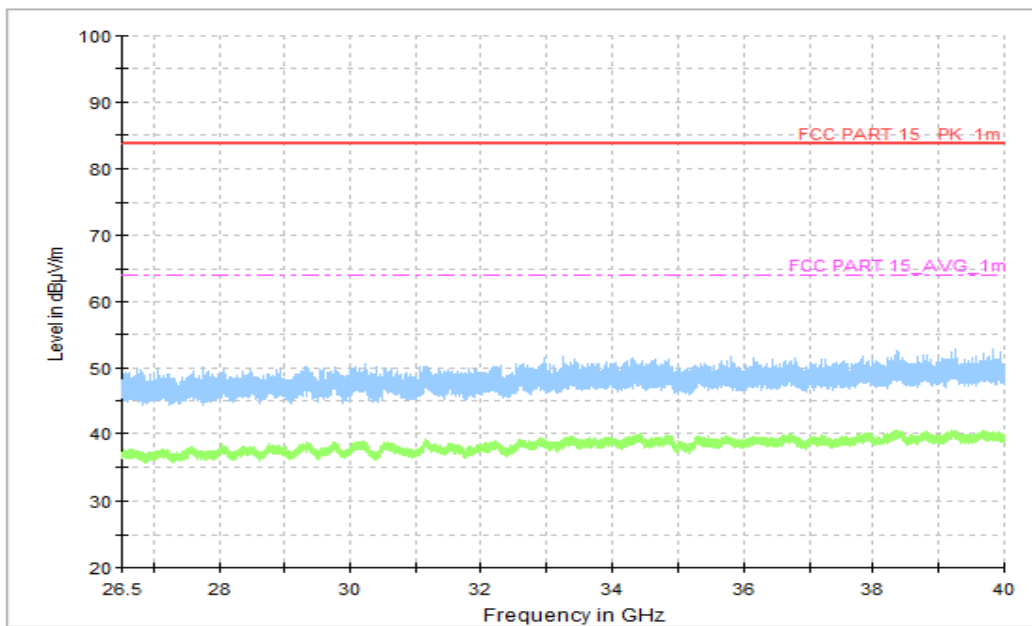


Figure A.1.40. Radiated Emission (Video Player, 26.5GHz to 40GHz)

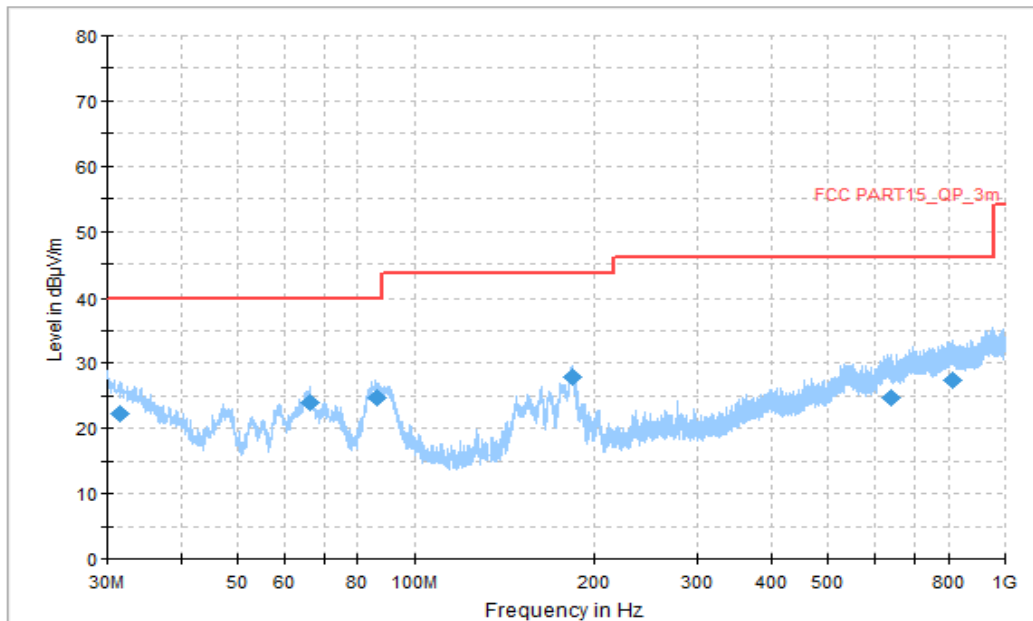


Figure A.1.41. Radiated Emission (Video Player, 30MHz to 1GHz)

Final_Results

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	ARpl (dB/m)	P _{Mea} (dBµV)
31.508889	22.23	40.00	17.77	H	-12	34.23
66.213333	23.93	40.00	16.07	V	-20	43.93
86.475556	24.78	40.00	15.22	V	-21	45.78
183.313889	27.85	43.52	15.67	V	-17	44.85
640.830556	24.80	46.02	21.22	H	-2	26.8
813.975556	27.52	46.02	18.50	H	1	26.52

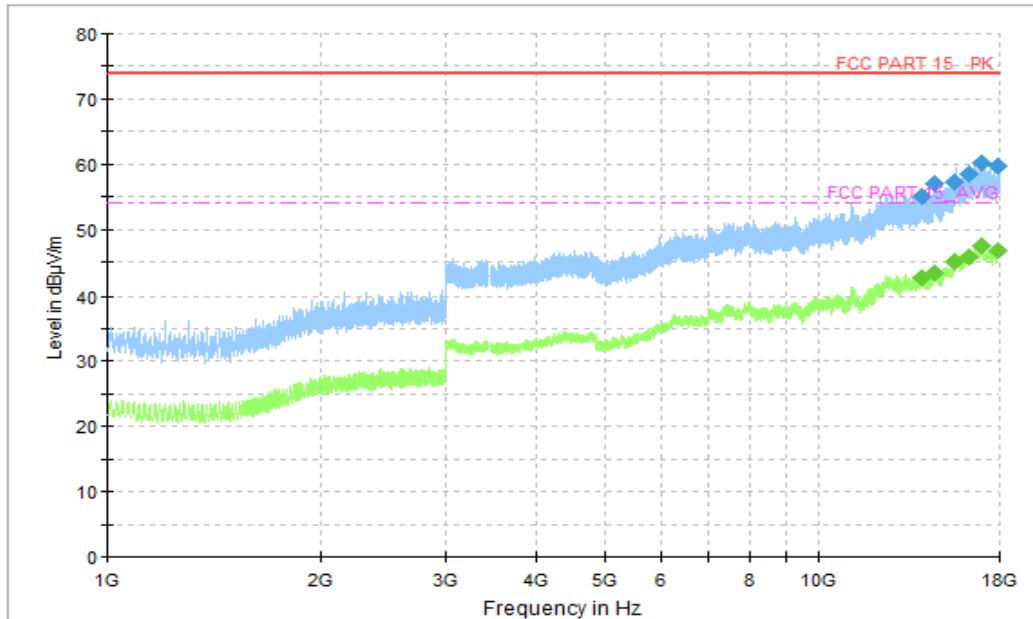


Figure A.1.42. Radiated Emission (Video Player, 1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBµV)
13968.250000	55.13	74.00	18.87	H	17	38.13
14563.500000	56.95	74.00	17.05	V	18	38.95
15565.500000	57.36	74.00	16.64	H	20	37.36
16257.500000	58.49	74.00	15.51	V	21	37.49
16998.750000	60.17	74.00	13.83	H	23	37.17
17905.250000	59.77	74.00	14.23	V	24	35.77

Final_Results_AVG

Frequency(MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBµV)
13968.250000	42.54	54.00	11.46	H	17	25.54
14563.500000	43.23	54.00	10.77	V	18	25.23
15565.500000	44.96	54.00	9.04	H	20	24.96
16257.500000	45.76	54.00	8.24	V	21	24.76
16998.750000	47.40	54.00	6.60	H	23	24.4
17905.250000	46.81	54.00	7.19	V	24	22.81

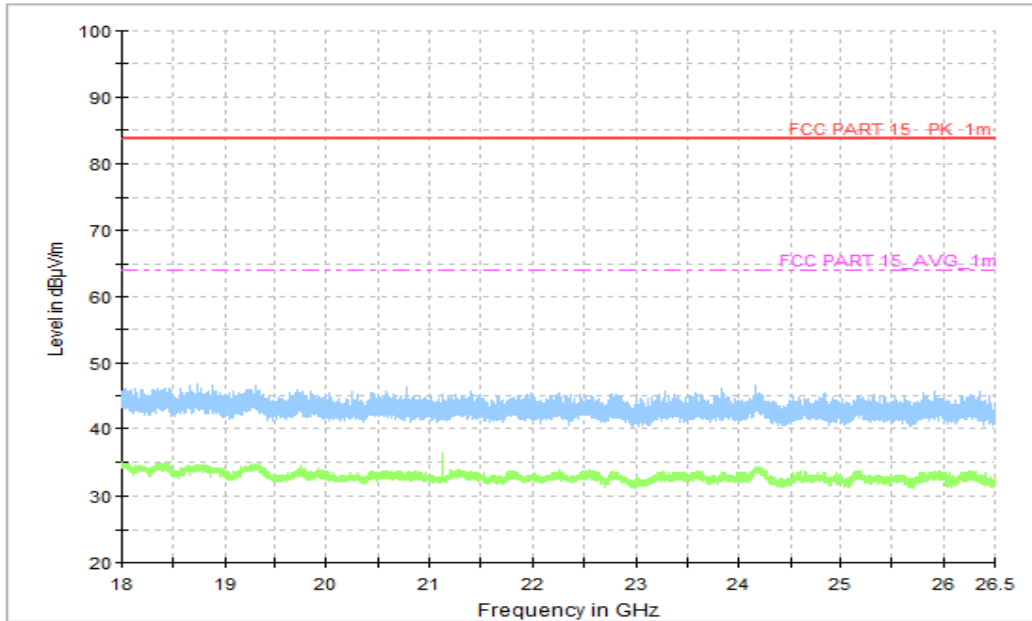


Figure A.1.43. Radiated Emission (Video Player, 18GHz to 26.5GHz)

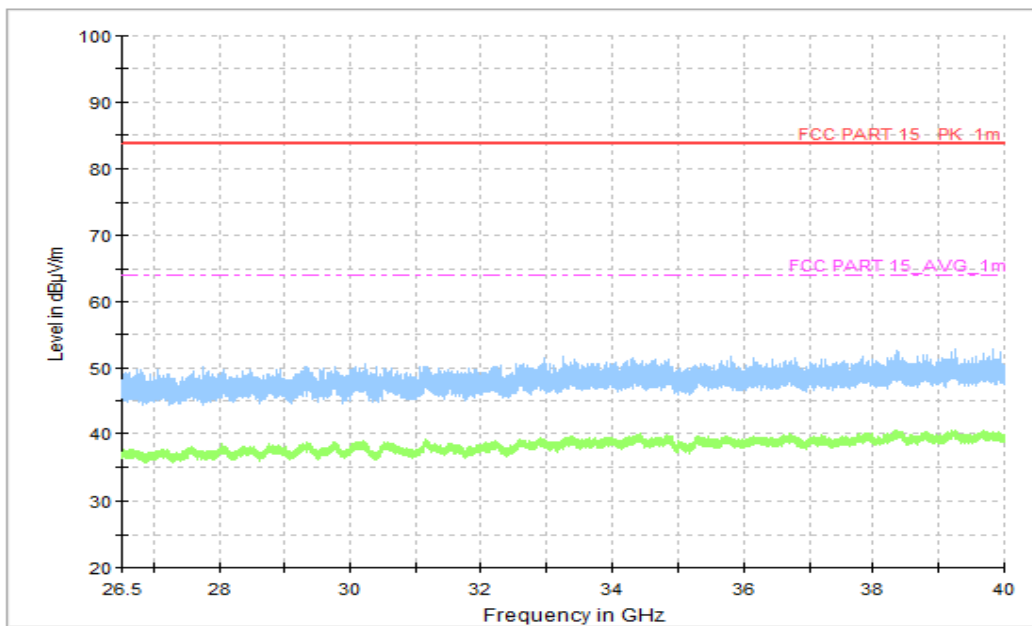


Figure A.1.44. Radiated Emission (Video Player, 26.5GHz to 40GHz)

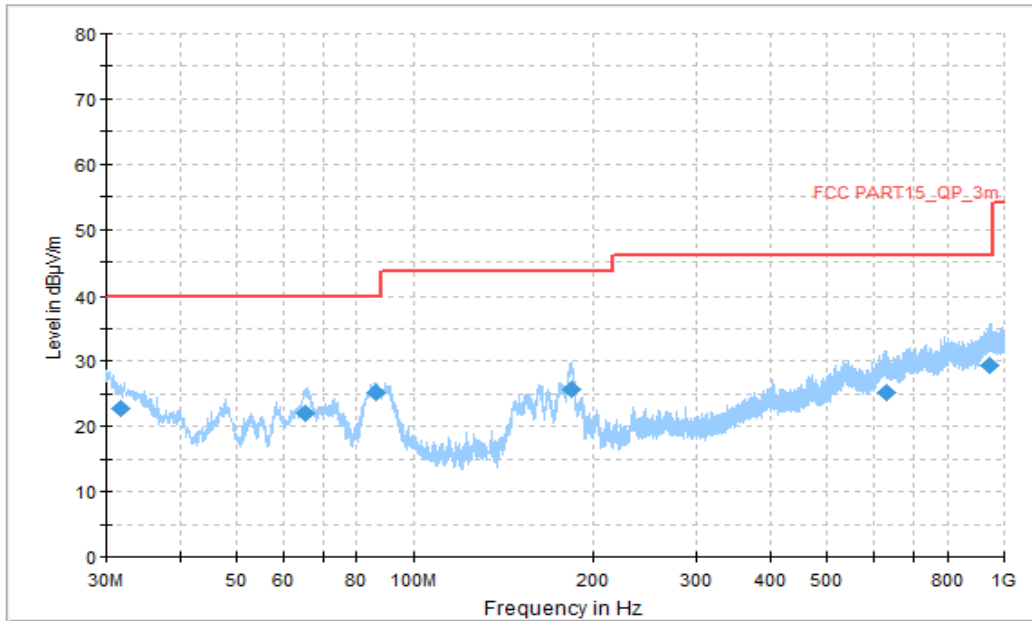


Figure A.1.45. Radiated Emission (Video Player, 30MHz to 1GHz)

Final_Results

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	ARpl (dB/m)	P _{Mea} (dBµV)
31.724444	22.65	40.00	17.35	V	-12	34.65
65.620556	22.07	40.00	17.93	V	-20	42.07
86.421667	25.30	40.00	14.70	V	-21	46.30
183.421667	25.80	43.52	17.72	V	-17	42.80
631.184444	25.32	46.02	20.70	V	-2	27.32
946.272778	29.31	46.02	16.71	V	3	26.31

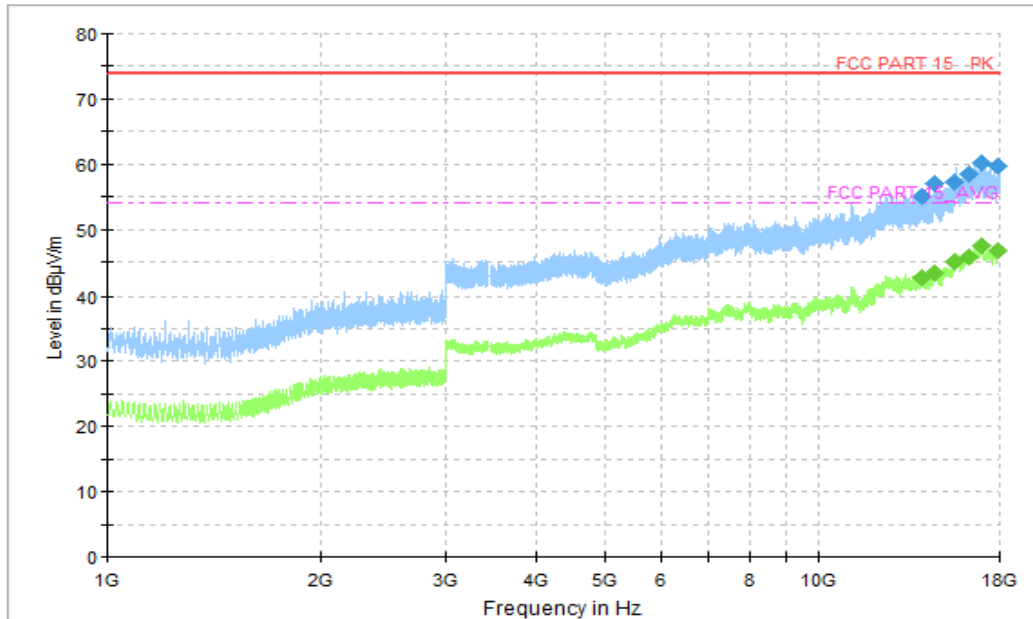


Figure A.1.46. Radiated Emission (Video Player, 1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBµV)
13968.250000	55.13	74.00	18.87	H	17	38.13
14563.500000	56.95	74.00	17.05	V	18	38.95
15565.500000	57.36	74.00	16.64	H	20	37.36
16257.250000	58.49	74.00	15.51	V	21	37.49
16998.250000	60.17	74.00	13.83	H	23	37.17
17905.750000	59.77	74.00	14.23	V	24	35.77

Final_Results_AVG

Frequency(MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBµV)
13968.250000	42.54	54.00	11.46	H	17	25.54
14563.500000	43.23	54.00	10.77	V	18	25.23
15565.500000	44.96	54.00	9.04	H	20	24.96
16257.250000	45.76	54.00	8.24	V	21	24.76
16998.250000	47.40	54.00	6.60	H	23	24.4
17905.750000	46.81	54.00	7.19	V	24	22.81

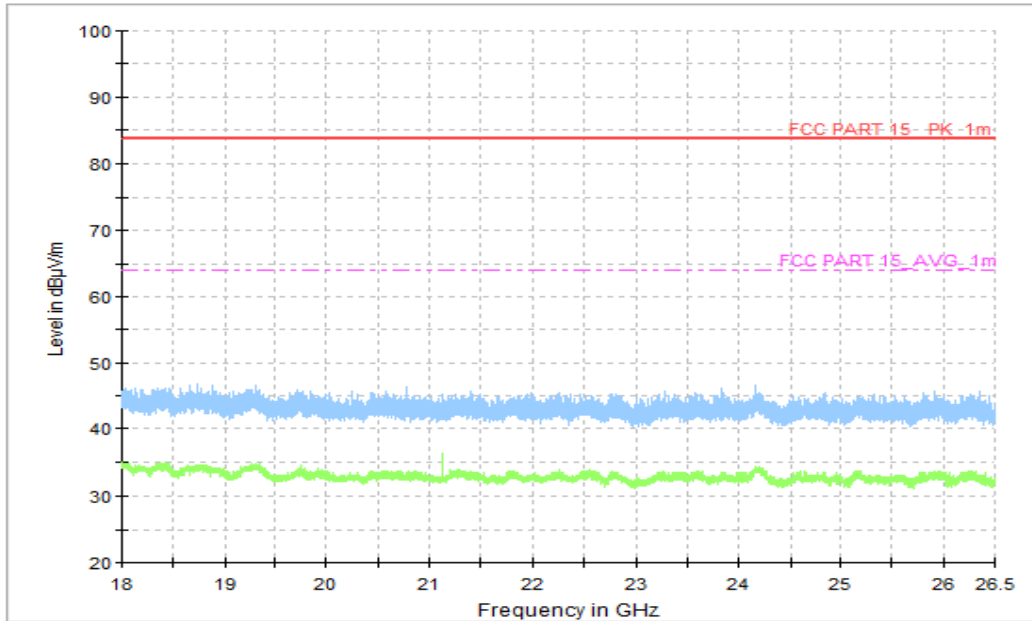


Figure A.1.47. Radiated Emission (Video Player, 18GHz to 26.5GHz)

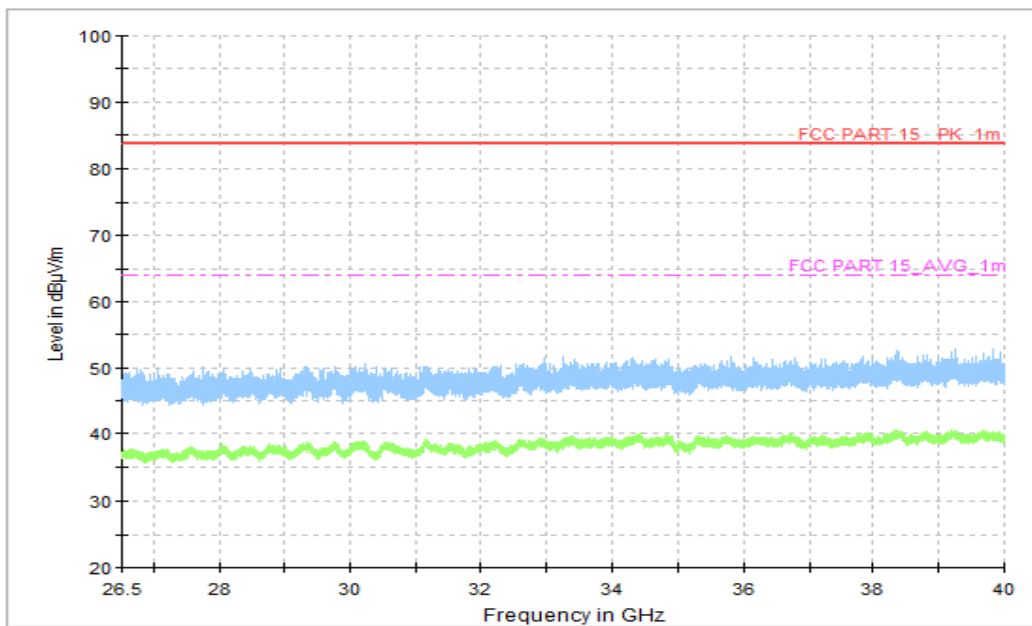


Figure A.1.48. Radiated Emission (Video Player, 26.5GHz to 40GHz)

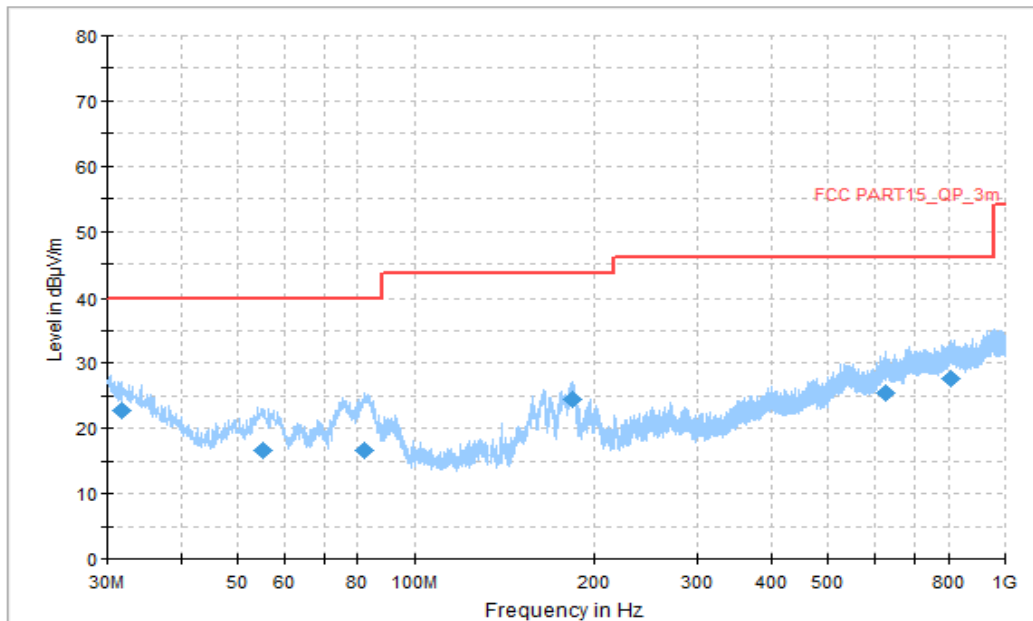


Figure A.1.49. Radiated Emission (Video Player, 30MHz to 1GHz)

Final_Results

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	ARpl (dB/m)	P _{Mea} (dBµV)
31.670556	22.70	40.00	17.30	V	-12	34.70
55.004444	16.75	40.00	23.25	V	-21	37.75
82.110556	16.74	40.00	23.26	V	-21	37.74
184.122222	24.38	43.52	19.14	V	-17	41.38
626.711667	25.34	46.02	20.68	H	-2	27.34
810.526667	27.55	46.02	18.47	V	1	26.55

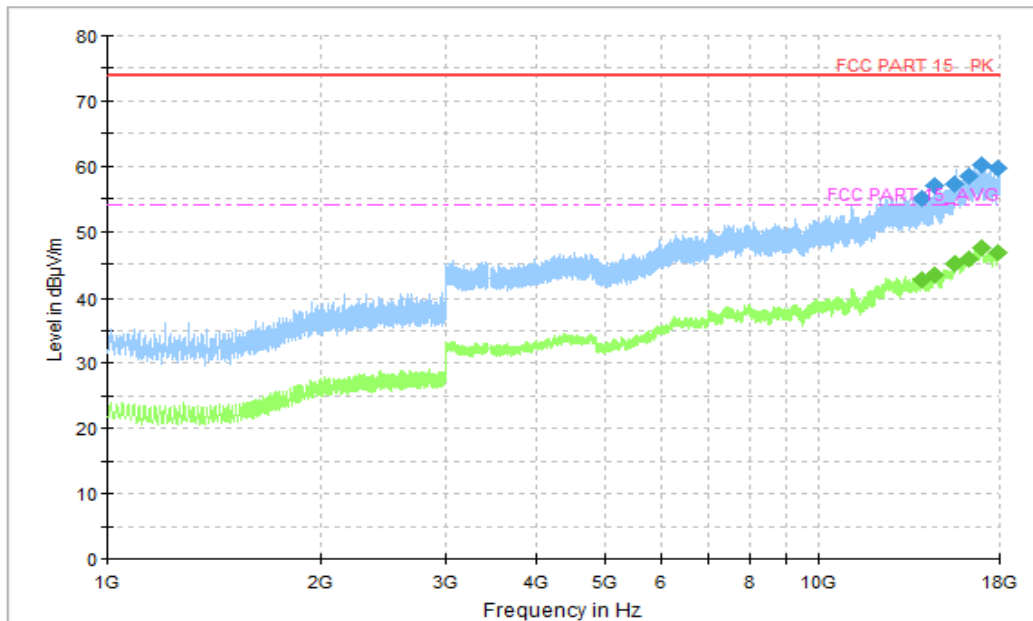


Figure A.1.50. Radiated Emission (Video Player, 1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBµV)
13968.250000	55.13	74.00	18.87	H	17	38.13
14563.000000	56.95	74.00	17.05	V	18	38.95
15565.750000	57.36	74.00	16.64	H	20	37.36
16257.500000	58.49	74.00	15.51	V	21	37.49
16998.250000	60.17	74.00	13.83	H	23	37.17
17905.750000	59.77	74.00	14.23	V	24	35.77

Final_Results_AVG

Frequency(MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBµV)
13968.250000	42.54	54.00	11.46	H	17	25.54
14563.000000	43.23	54.00	10.77	V	18	25.23
15565.750000	44.96	54.00	9.04	H	20	24.96
16257.500000	45.76	54.00	8.24	V	21	24.76
16998.250000	47.40	54.00	6.60	H	23	24.4
17905.750000	46.81	54.00	7.19	V	24	22.81

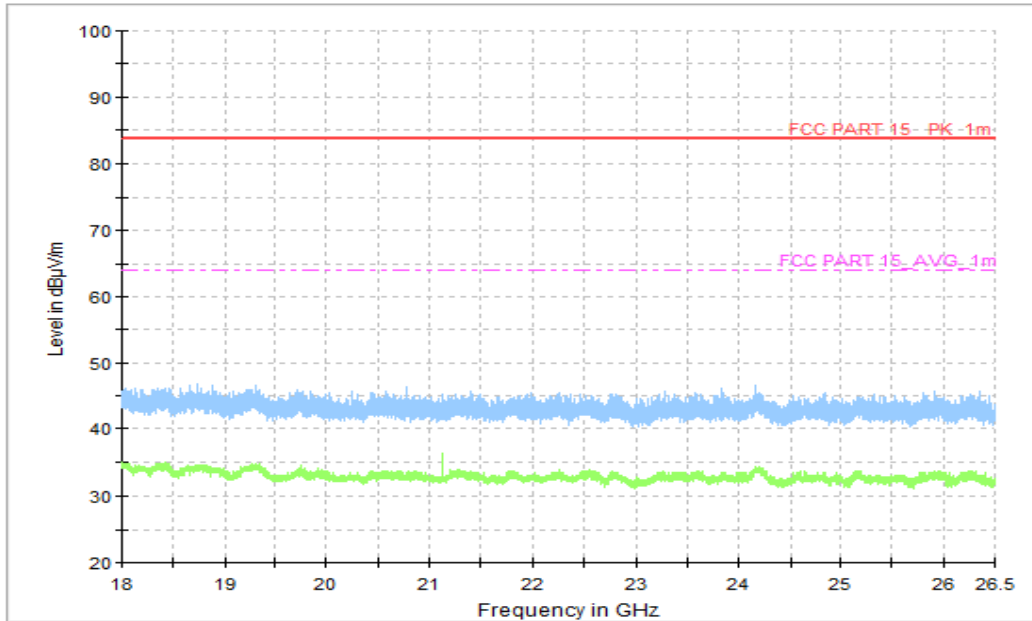


Figure A.1.51. Radiated Emission (Video Player, 18GHz to 26.5GHz)

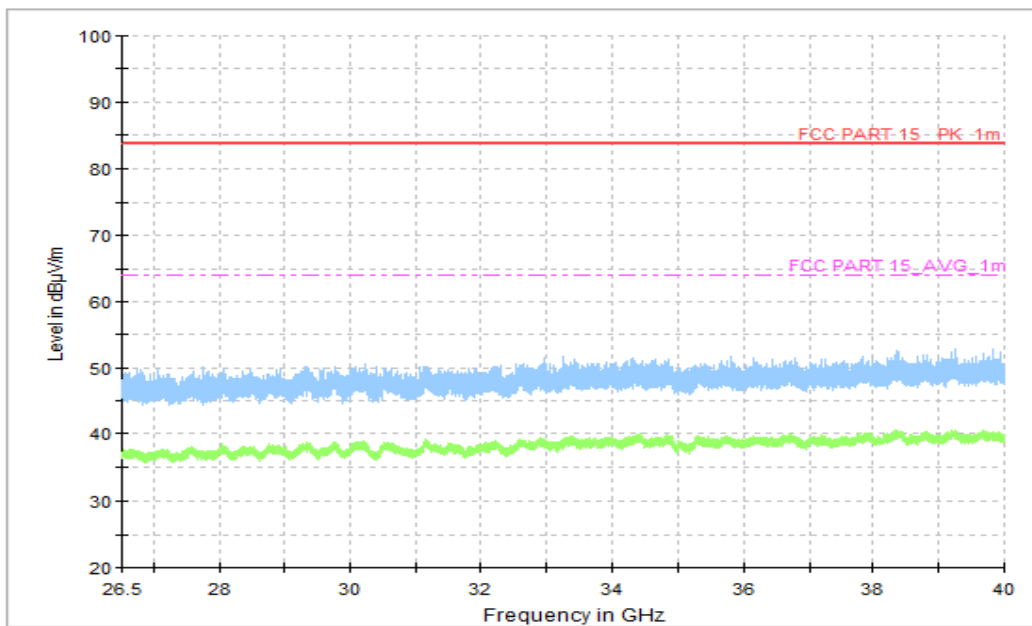
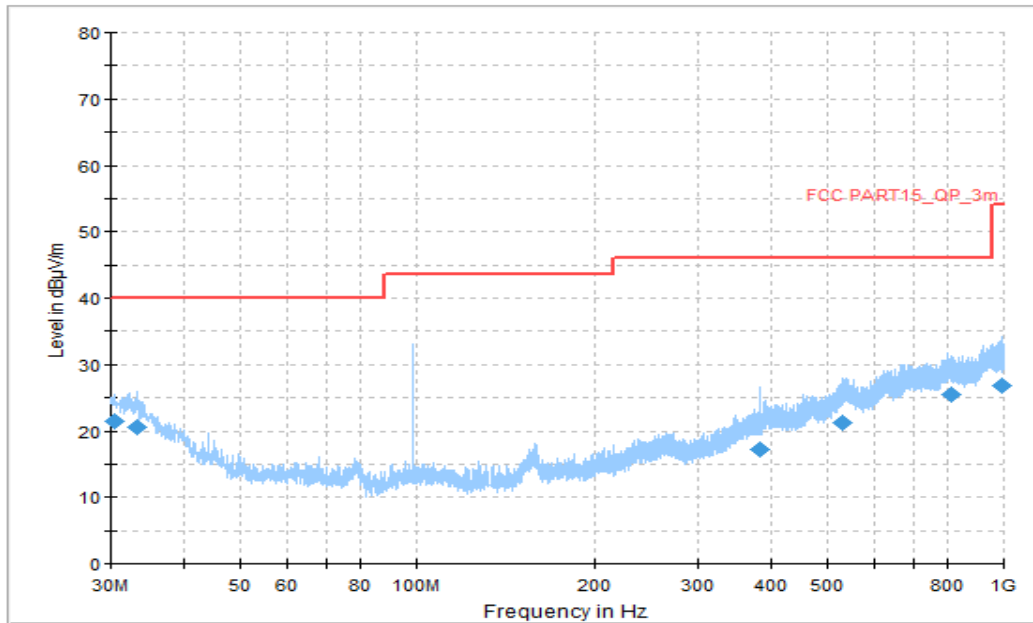


Figure A.1.52. Radiated Emission (Video Player, 26.5GHz to 40GHz)



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

Figure A.1.53. Radiated Emission (FM receiver, 30MHz to 1GHz)

Final_Results

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	ARpl (dB/m)	P _{Mea} (dBµV)
30.431111	21.48	40.00	18.52	H	-13	34.48
33.341111	20.48	40.00	19.52	V	-15	35.48
384.050000	17.30	46.02	28.72	H	-10	27.30
528.148889	21.28	46.02	24.74	H	-5	26.28
812.790000	25.41	46.02	20.61	H	-1	26.41
989.060556	26.71	53.98	27.27	V	1	25.71

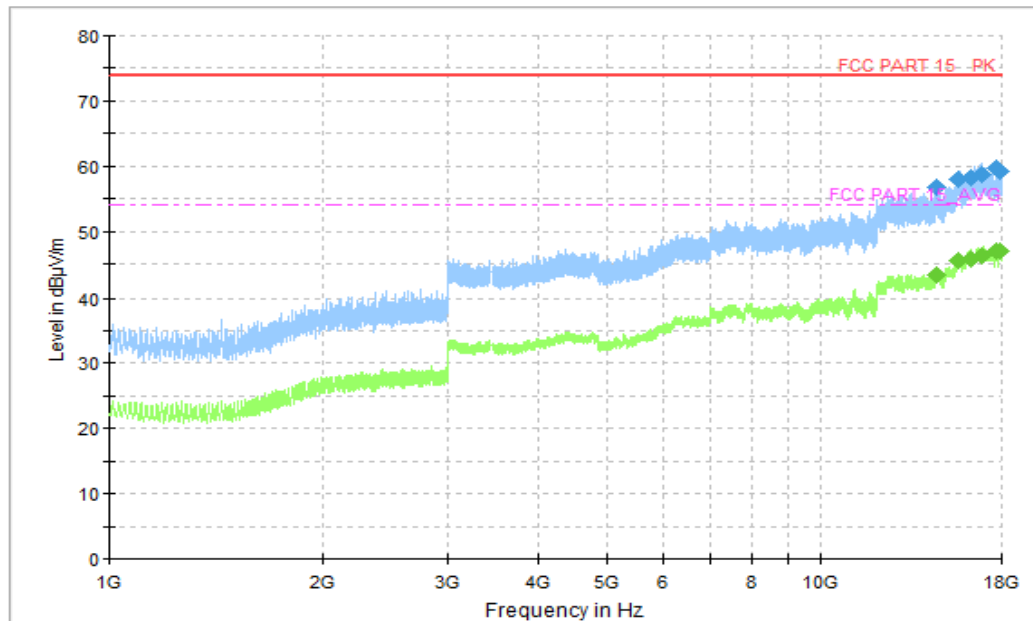


Figure A.1.54. Radiated Emission (FM receiver, 1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBµV)
14558.500000	56.69	74.00	17.31	H	18	38.69
15627.750000	57.97	74.00	16.03	V	20	37.97
16273.500000	58.32	74.00	15.68	H	21	37.32
16922.250000	58.77	74.00	15.23	H	22	36.77
17697.250000	59.65	74.00	14.35	V	23	36.65
17885.500000	59.22	74.00	14.78	V	24	35.22

Final_Results_AVG

Frequency(MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBµV)
14558.500000	43.24	54.00	10.76	H	18	25.24
15627.750000	45.40	54.00	8.60	V	20	25.4
16273.500000	45.68	54.00	8.32	H	21	24.68
16922.250000	46.31	54.00	7.69	H	22	24.31
17697.250000	46.96	54.00	7.04	V	23	23.96
17885.500000	46.96	54.00	7.04	V	24	22.96

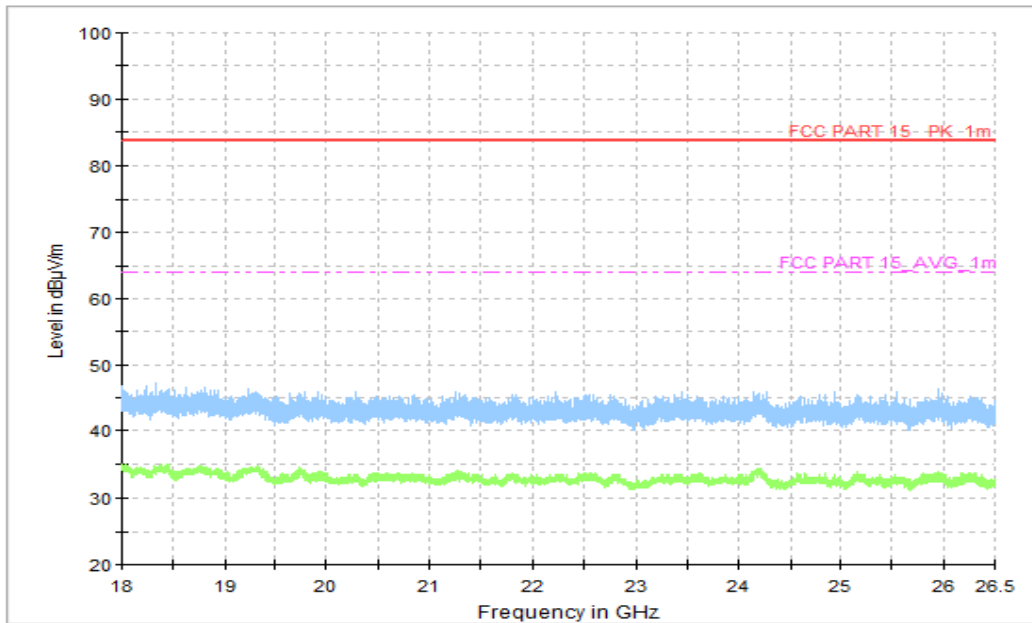


Figure A.1.55. Radiated Emission (FM receiver, 18GHz to 26.5GHz)

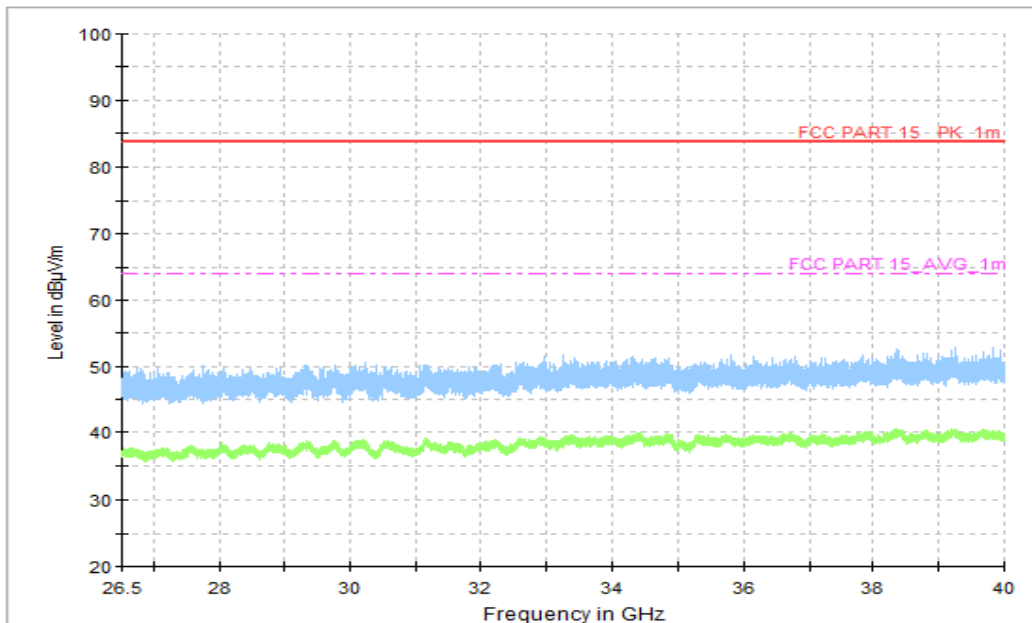
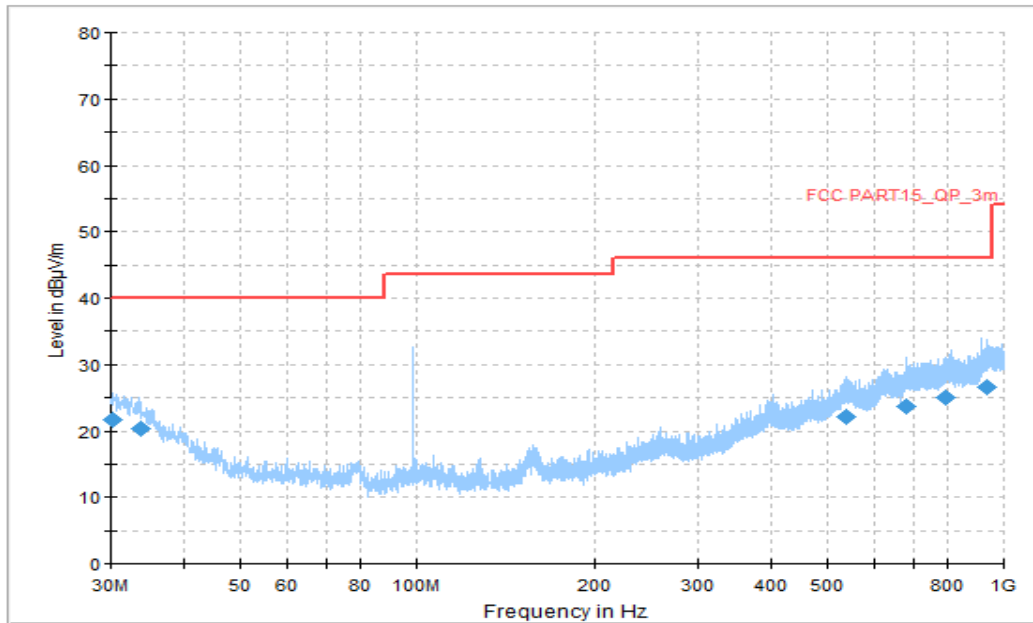


Figure A.1.56. Radiated Emission (FM receiver, 26.5GHz to 40GHz)



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

Figure A.1.57. Radiated Emission (FM receiver, 30MHz to 1GHz)

Final_Results

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	ARpl (dB/m)	P _{Mea} (dBµV)
30.269444	21.75	40.00	18.25	V	-13	34.75
33.772222	20.23	40.00	19.77	V	-15	35.23
536.932778	22.12	46.02	23.90	H	-4	26.12
682.163333	23.79	46.02	22.23	H	-2	25.79
792.743333	24.93	46.02	21.09	H	-1	25.93
934.740556	26.67	46.02	19.35	V	1	25.67

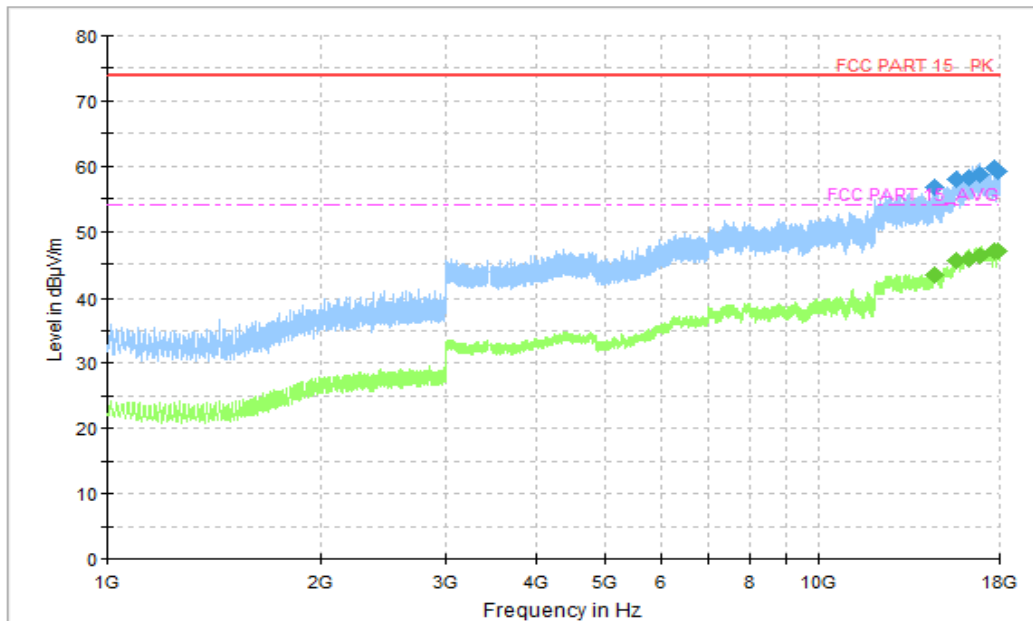


Figure A.1.58. Radiated Emission (FM receiver, 1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBµV)
14558.500000	56.69	74.00	17.31	H	18	38.69
15627.750000	57.97	74.00	16.03	V	20	37.97
16273.250000	58.32	74.00	15.68	H	21	37.32
16922.250000	58.77	74.00	15.23	H	22	36.77
17697.500000	59.65	74.00	14.35	V	23	36.65
17885.500000	59.22	74.00	14.78	V	24	35.22

Final_Results_AVG

Frequency(MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBµV)
14558.500000	43.24	54.00	10.76	H	18	25.24
15627.750000	45.40	54.00	8.60	V	20	25.4
16273.250000	45.68	54.00	8.32	H	21	24.68
16922.250000	46.31	54.00	7.69	H	22	24.31
17697.500000	46.96	54.00	7.04	V	23	23.96
17885.500000	46.96	54.00	7.04	V	24	22.96

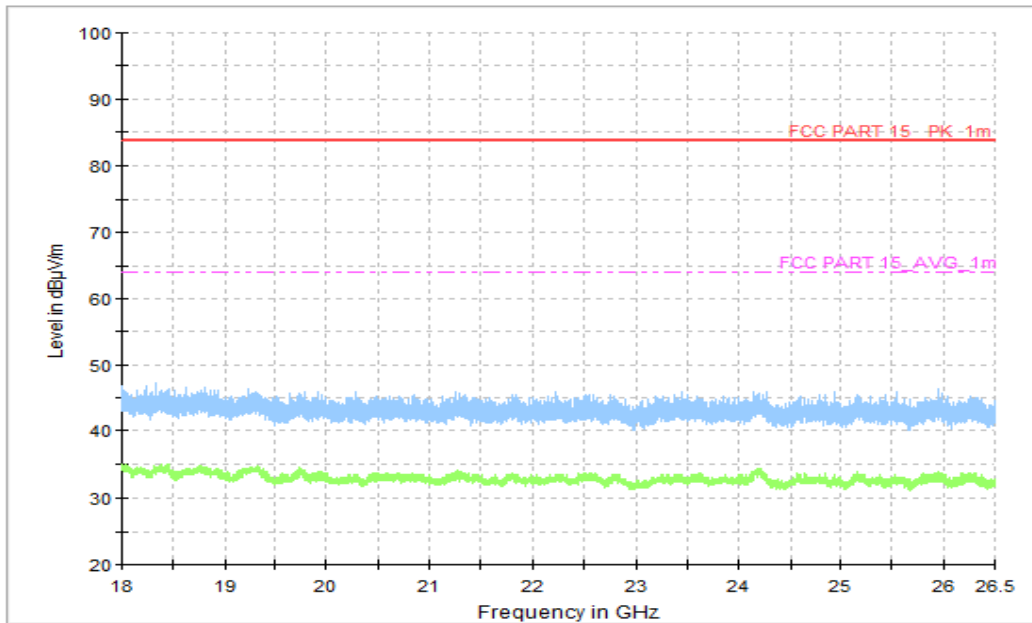


Figure A.1.59. Radiated Emission (FM receiver, 18GHz to 26.5GHz)

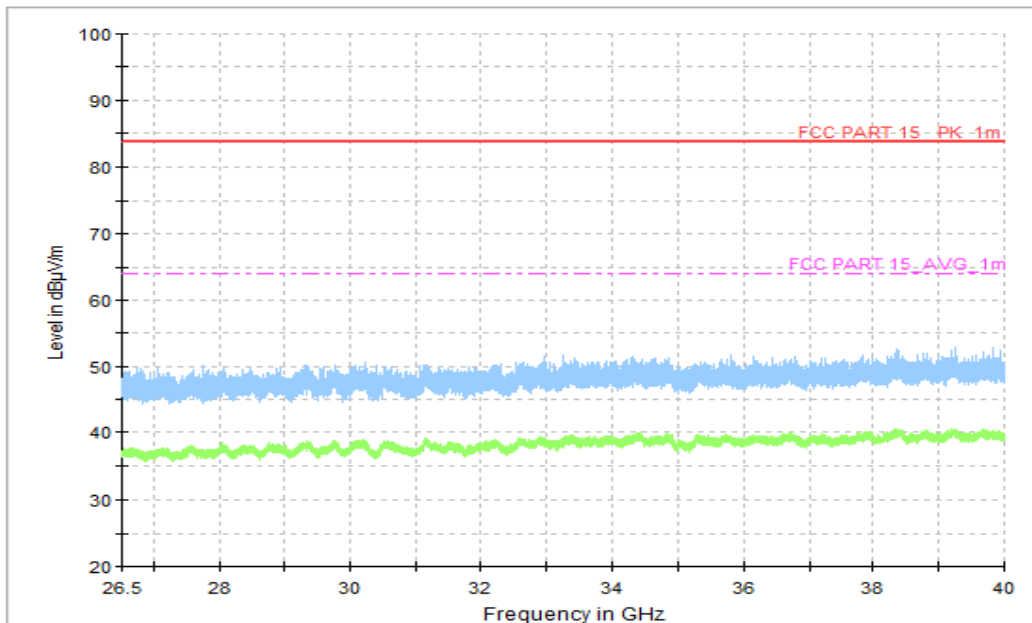
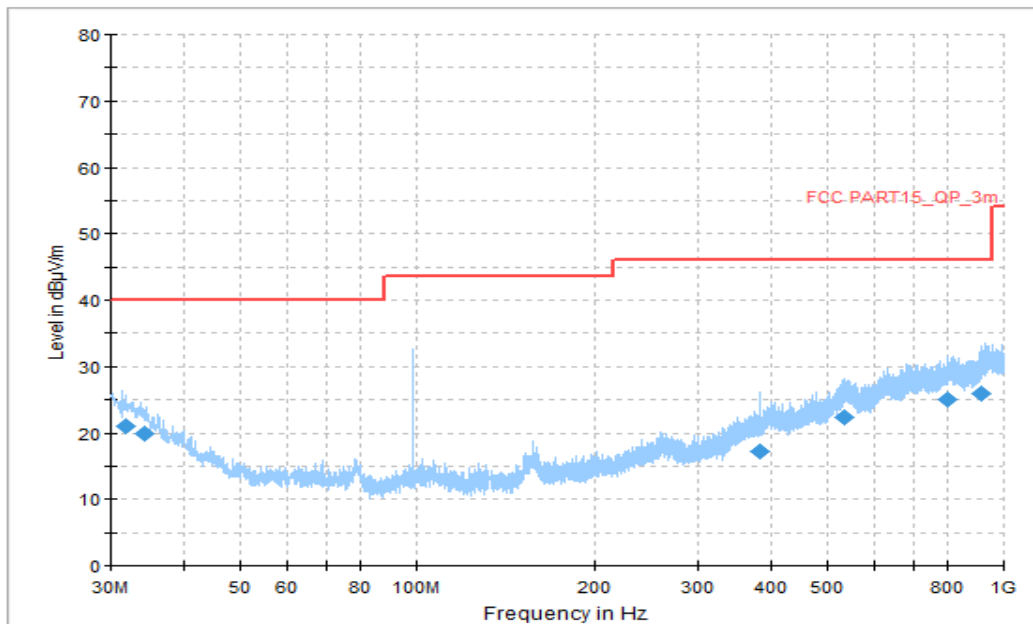


Figure A.1.60. Radiated Emission (FM receiver, 26.5GHz to 40GHz)



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

Figure A.1.61. Radiated Emission (FM receiver, 30MHz to 1GHz)

Final Results

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	ARpl (dB/m)	P _{Mea} (dBµV)
31.886111	20.92	40.00	19.08	V	-14	34.92
34.365000	19.83	40.00	20.17	V	-15	34.83
383.942222	17.25	46.02	28.77	H	-10	27.25
535.639444	22.31	46.02	23.71	H	-4	26.31
800.449444	25.07	46.02	20.95	V	-1	26.07
915.771667	25.91	46.02	20.11	H	0	25.91

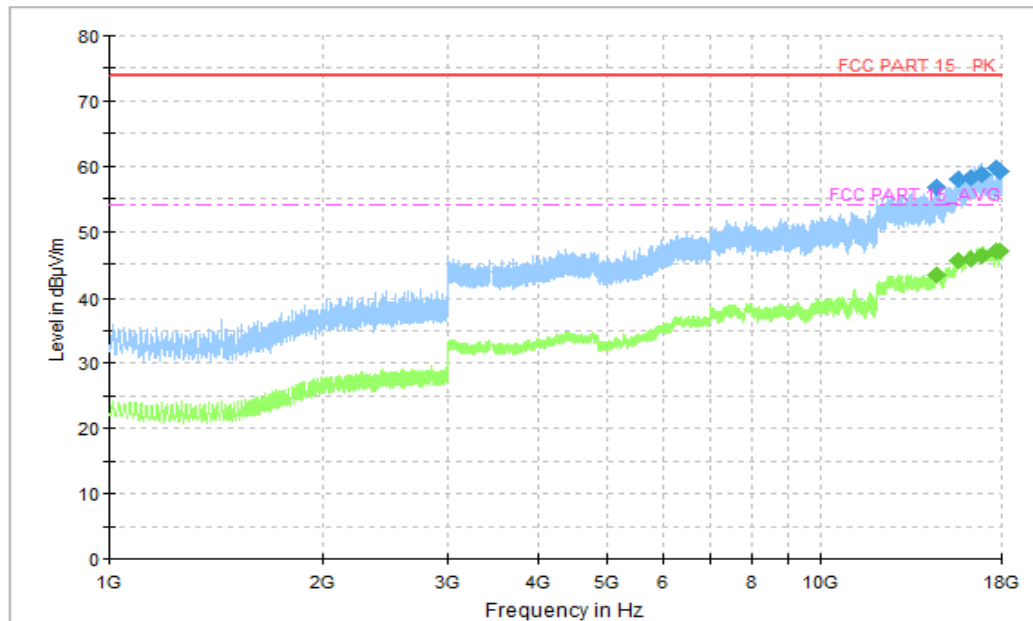


Figure A.1.62. Radiated Emission (FM receiver, 1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBµV)
14558.500000	56.69	74.00	17.31	H	18	38.69
15627.750000	57.97	74.00	16.03	V	20	37.97
16273.250000	58.32	74.00	15.68	H	21	37.32
16922.250000	58.77	74.00	15.23	H	22	36.77
17697.500000	59.65	74.00	14.35	V	23	36.65
17885.500000	59.22	74.00	14.78	V	24	35.22

Final_Results_AVG

Frequency(MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBµV)
14558.500000	43.24	54.00	10.76	H	18	25.24
15627.750000	45.40	54.00	8.60	V	20	25.4
16273.250000	45.68	54.00	8.32	H	21	24.68
16922.250000	46.31	54.00	7.69	H	22	24.31
17697.500000	46.96	54.00	7.04	V	23	23.96
17885.500000	46.96	54.00	7.04	V	24	22.96

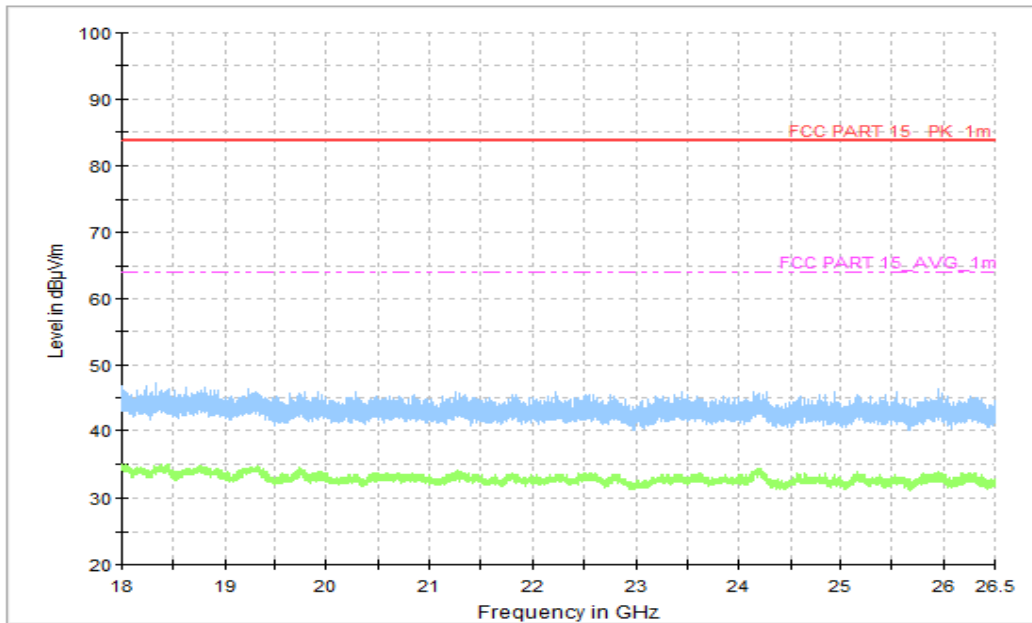


Figure A.1.63. Radiated Emission (FM receiver, 18GHz to 26.5GHz)

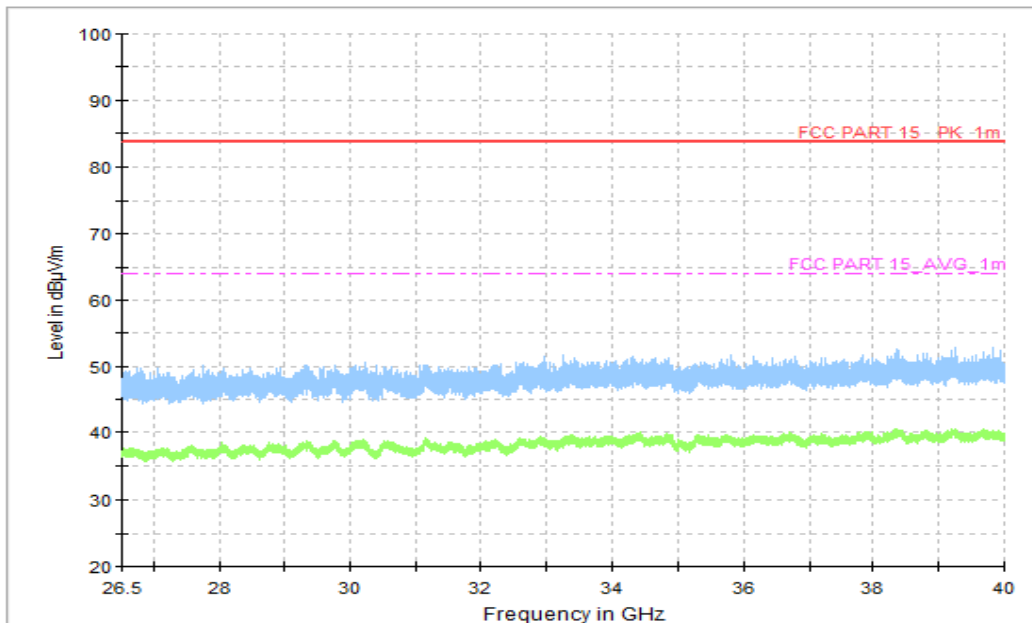


Figure A.1.64. Radiated Emission (FM receiver, 26.5GHz to 40GHz)

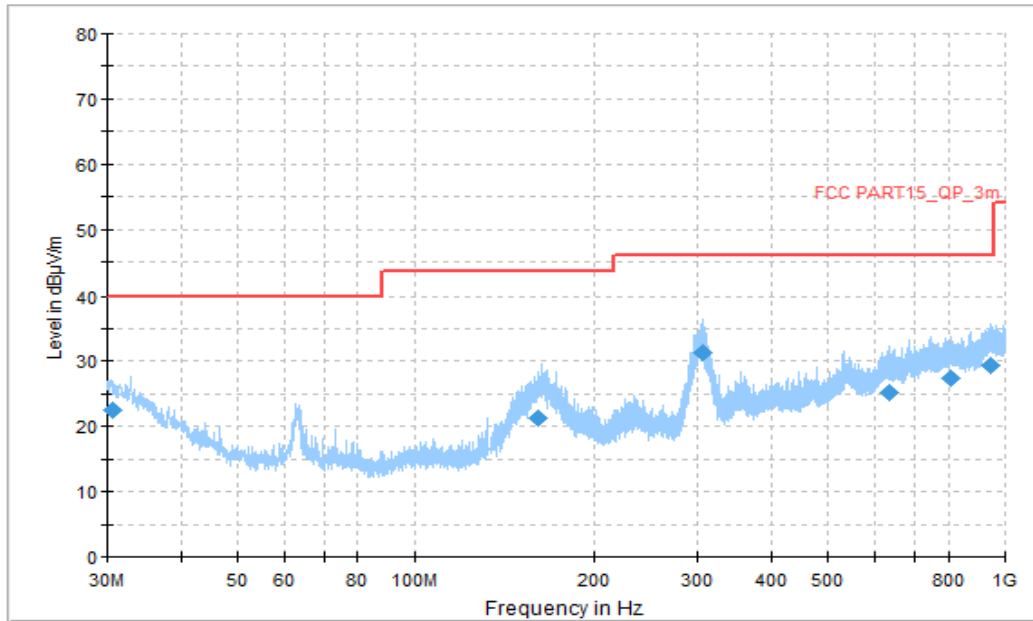


Figure A.1.65. Radiated Emission (Data Transfer: PC TO EUT, 30MHz to 1GHz)

Final_Results

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	ARpl (dB/m)	P _{Mea} (dBµV)
30.700556	22.50	40.00	17.50	V	-12	34.50
161.273333	21.17	43.52	22.35	V	-17	38.17
306.234444	31.41	46.02	14.61	H	-12	43.41
636.573333	25.11	46.02	20.91	V	-2	27.11
806.754444	27.48	46.02	18.54	V	1	26.48
946.434444	29.30	46.02	16.72	V	3	26.30

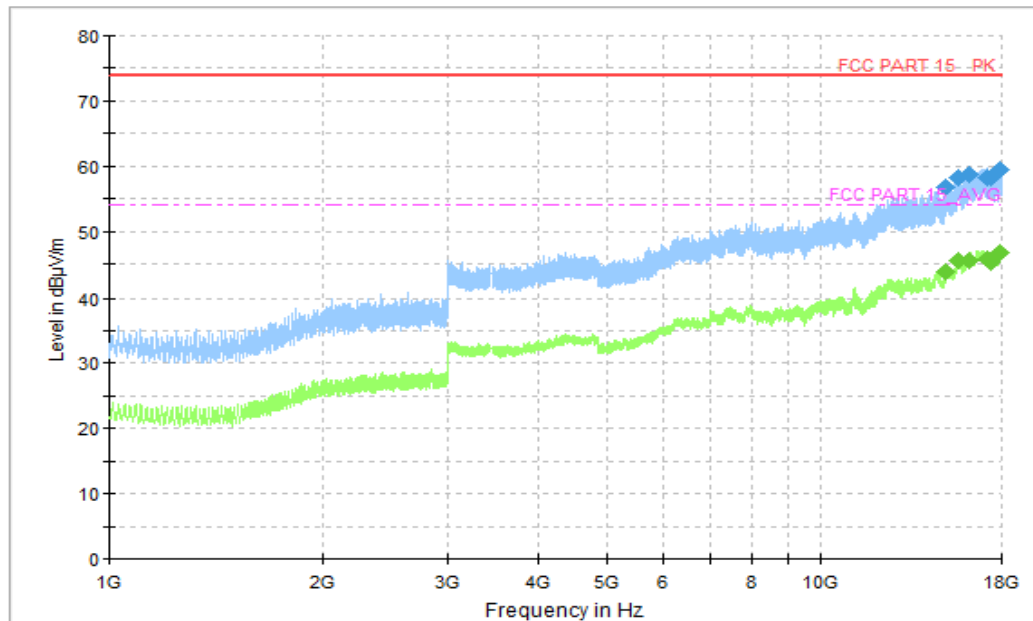


Figure A.1.66. Radiated Emission (Data Transfer: PC TO EUT, 1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBµV)
15044.750000	56.75	74.00	17.25	H	18	38.75
15600.000000	58.11	74.00	15.89	V	20	38.11
16240.250000	58.82	74.00	15.18	V	21	37.82
17167.250000	58.14	74.00	15.86	V	21	37.14
17350.000000	58.11	74.00	15.89	V	22	36.11
17910.500000	59.49	74.00	14.51	H	24	35.49

Final_Results_AVG

Frequency(MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBµV)
15044.750000	43.77	54.00	10.23	H	18	25.77
15600.000000	45.43	54.00	8.58	V	20	25.43
16240.250000	45.50	54.00	8.50	V	21	24.50
17167.250000	45.75	54.00	8.25	V	21	24.75
17350.000000	45.22	54.00	8.78	V	22	23.22
17910.500000	46.64	54.00	7.36	H	24	22.64

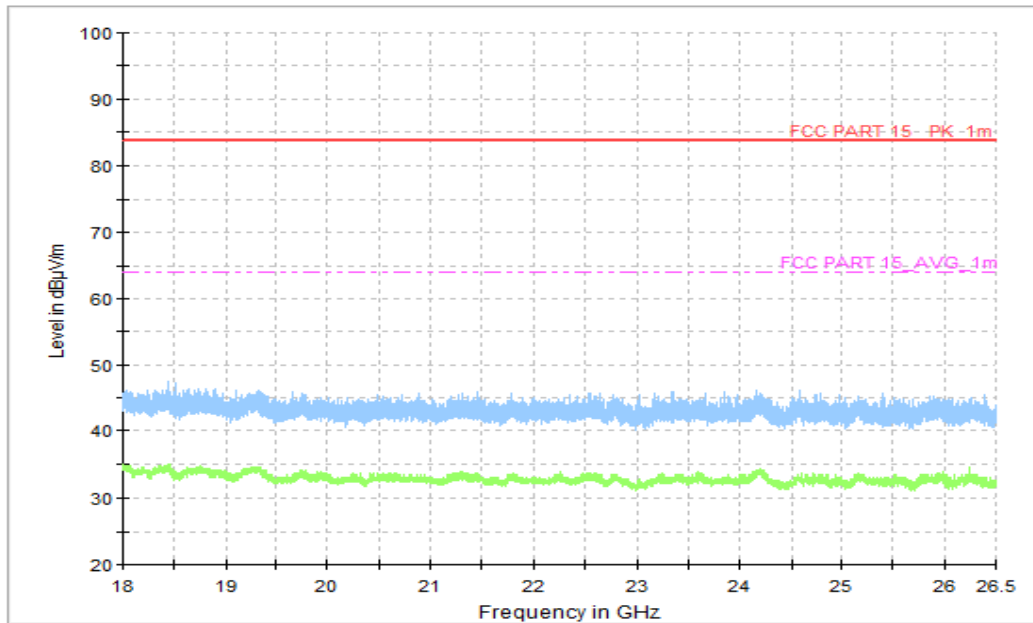


Figure A.1.67. Radiated Emission (Data Transfer: PC TO EUT, 18GHz to 26.5GHz)

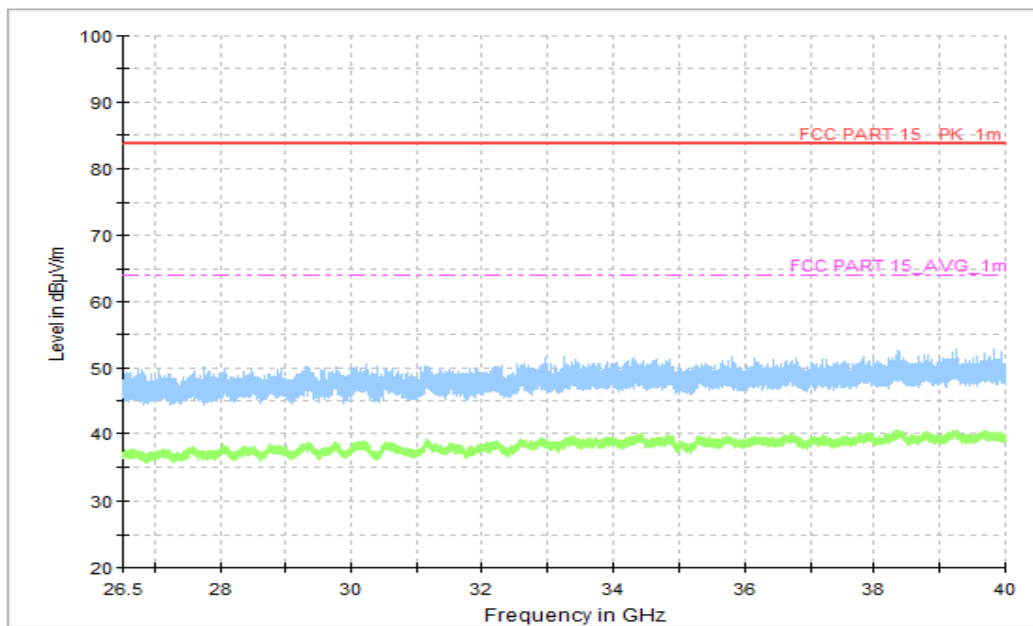


Figure A.1.68. Radiated Emission (Data Transfer: PC TO EUT, 26.5GHz to 40GHz)

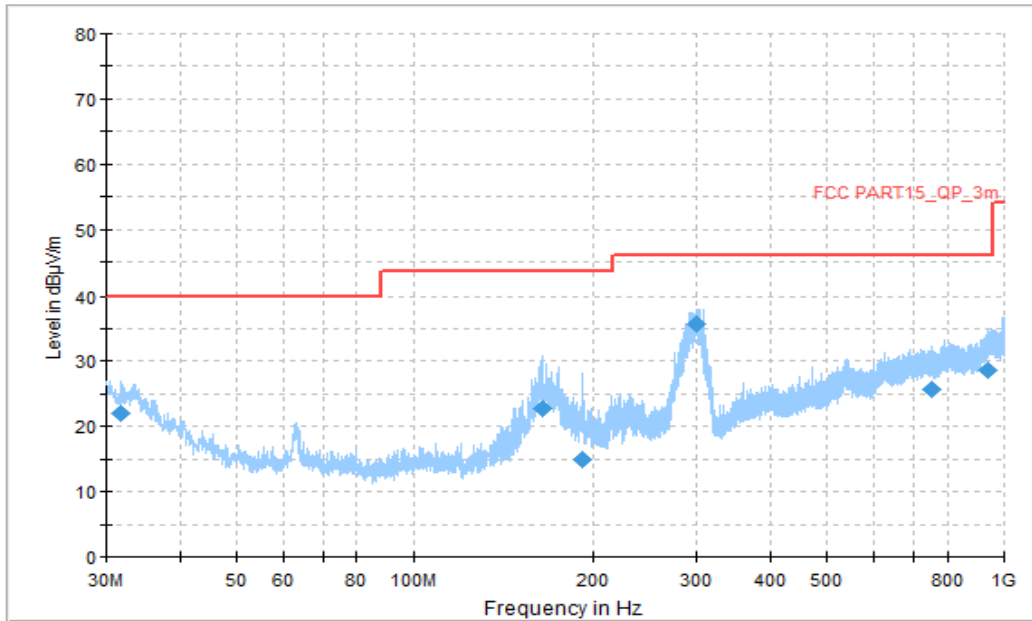


Figure A.1.69. Radiated Emission (Data Transfer: EUT TO PC, 30MHz to 1GHz)

Final_Results

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	ARpl (dB/m)	P _{Mea} (dBµV)
31.832222	22.03	40.00	17.97	V	-12	34.03
164.506667	22.71	43.52	20.81	H	-17	39.71
192.097778	14.85	43.52	28.67	V	-17	31.85
300.683889	35.64	46.02	10.38	H	-13	48.64
753.781667	25.80	46.02	20.22	V	-1	26.8
937.812222	28.62	46.02	17.40	V	2	26.62

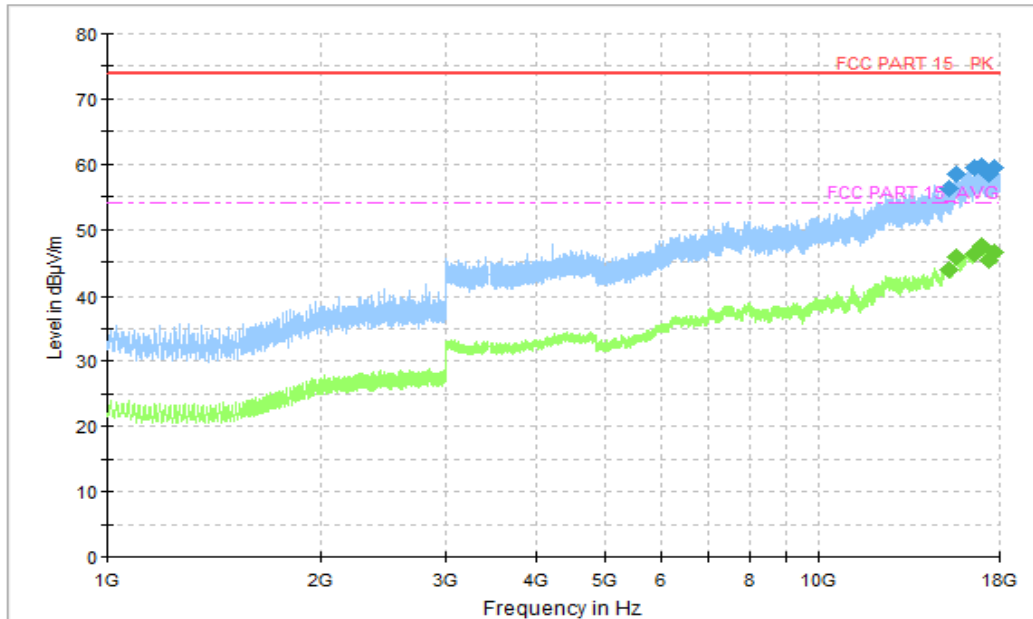


Figure A.1.70. Radiated Emission (Data Transfer: EUT TO PC, 1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBµV)
15263.500000	56.17	74.00	17.83	H	19	37.17
15661.750000	58.51	74.00	15.49	V	20	38.51
16575.500000	59.56	74.00	14.44	V	22	37.56
17017.500000	59.72	74.00	14.28	V	23	36.72
17331.500000	58.48	74.00	15.52	V	22	36.48
17717.500000	59.38	74.00	14.62	V	23	36.38

Final_Results_AVG

Frequency(MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBµV)
15263.500000	43.67	54.00	10.33	H	19	24.67
15661.750000	45.83	54.00	8.17	V	20	25.83
16575.500000	46.22	54.00	7.78	V	22	24.22
17017.500000	47.34	54.00	6.66	V	23	24.34
17331.500000	45.22	54.00	8.78	V	22	23.22
17717.500000	46.49	54.00	7.51	V	23	23.49

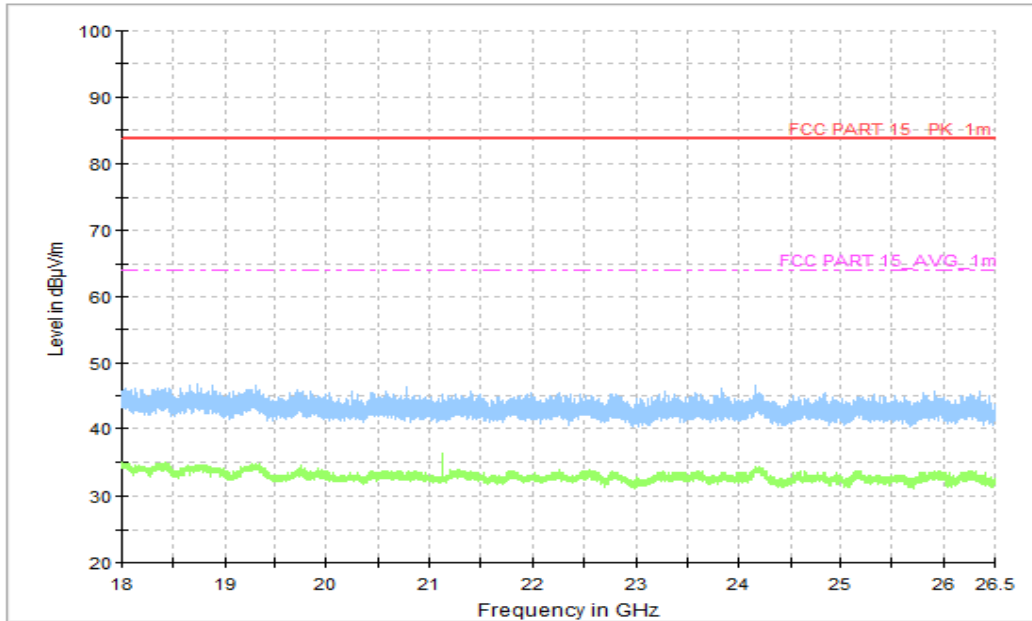


Figure A.1.71. Radiated Emission (Data Transfer: EUT TO PC, 18GHz to 26.5GHz)

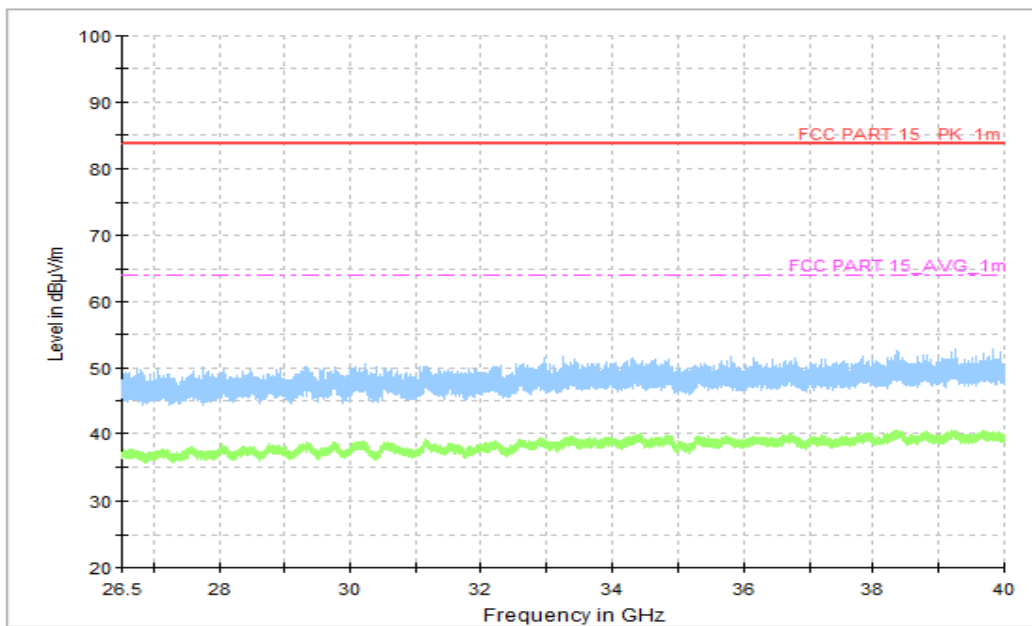


Figure A.1.72. Radiated Emission (Data Transfer: EUT TO PC, 26.5GHz to 40GHz)

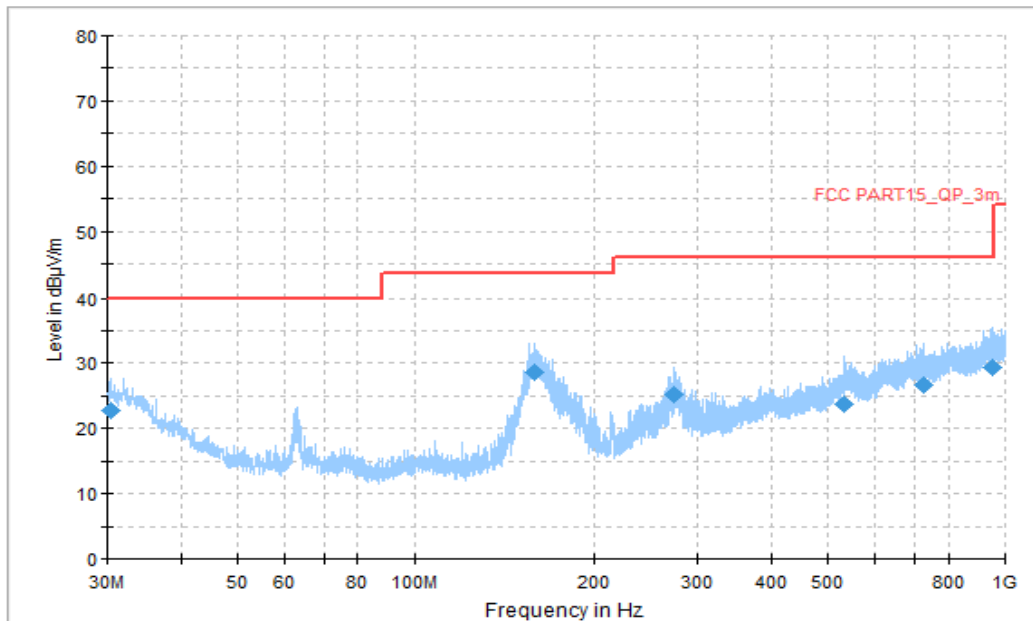


Figure A.1.73. Radiated Emission (Data Transfer: EUT TO PC, 30MHz to 1GHz)

Final_Results

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	ARpl (dB/m)	P _{Mea} (dBµV)
30.377222	22.74	40.00	17.26	H	-12	34.74
158.093889	28.69	43.52	14.83	H	-16	44.69
274.170556	25.12	46.02	20.90	H	-13	38.12
533.322222	23.72	46.02	22.30	V	-3	26.72
726.567778	26.69	46.02	19.33	H	-1	27.69
953.547778	29.39	46.02	16.63	V	3	26.39

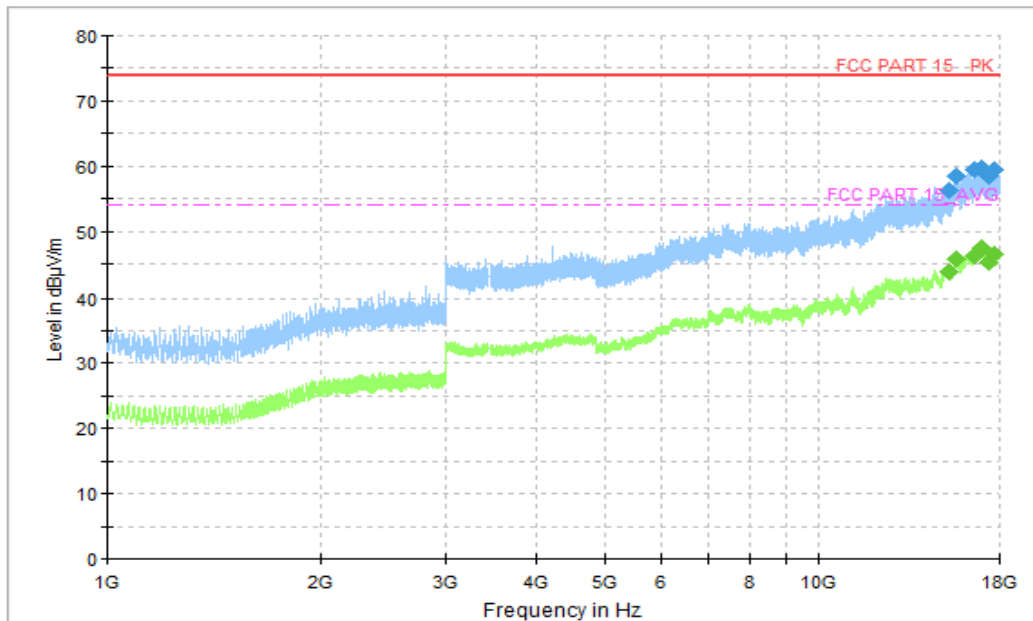


Figure A.1.74. Radiated Emission (Data Transfer: EUT TO PC, 1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBµV)
15263.500000	56.17	74.00	17.83	H	19	37.17
15661.750000	58.51	74.00	15.49	V	20	38.51
16575.500000	59.56	74.00	14.44	V	22	37.56
17017.500000	59.72	74.00	14.28	V	23	36.72
17331.500000	58.48	74.00	15.52	V	22	36.48
17717.500000	59.38	74.00	14.62	V	23	36.38

Final_Results_AVG

Frequency(MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBµV)
15263.500000	43.67	54.00	10.33	H	19	24.67
15661.750000	45.83	54.00	8.17	V	20	25.83
16575.500000	46.22	54.00	7.78	V	22	24.22
17017.500000	47.34	54.00	6.66	V	23	24.34
17331.500000	45.22	54.00	8.78	V	22	23.22
17717.500000	46.49	54.00	7.51	V	23	23.49

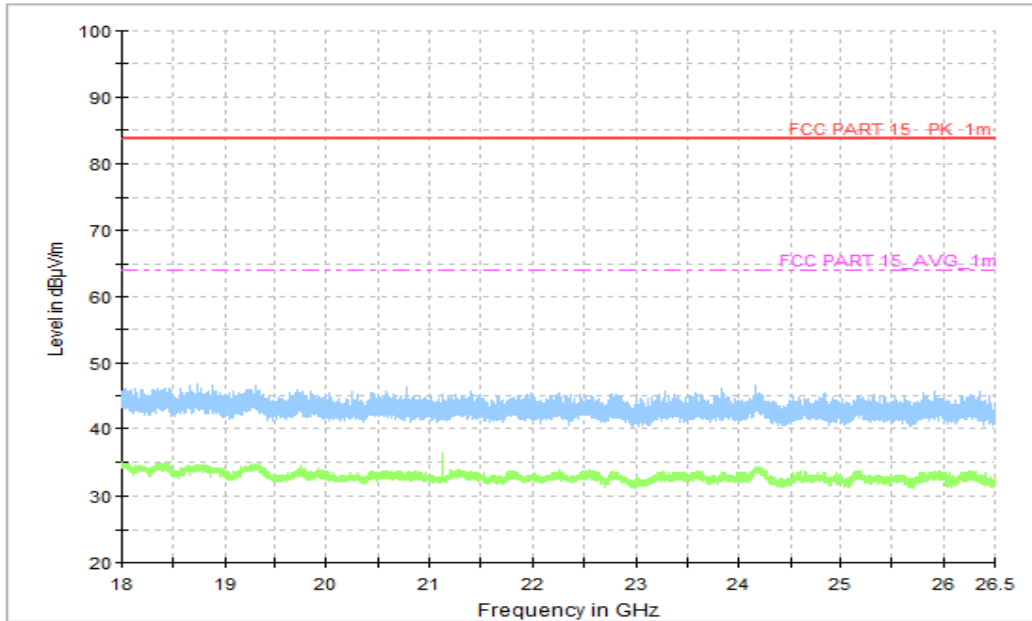


Figure A.1.75. Radiated Emission (Data Transfer: EUT TO PC, 18GHz to 26.5GHz)

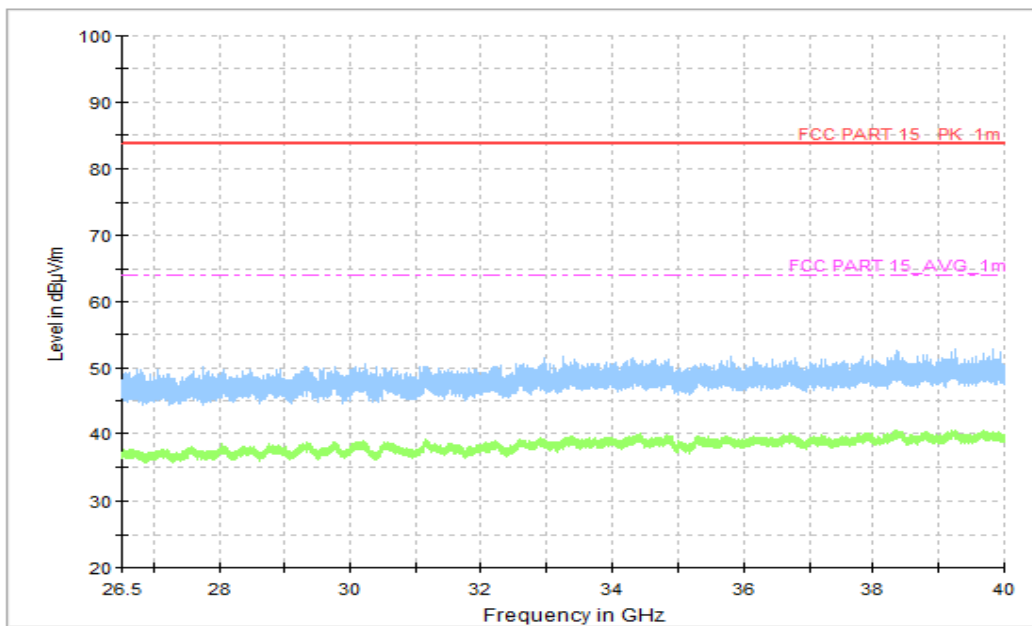


Figure A.1.76. Radiated Emission (Data Transfer: EUT TO PC, 26.5GHz to 40GHz)

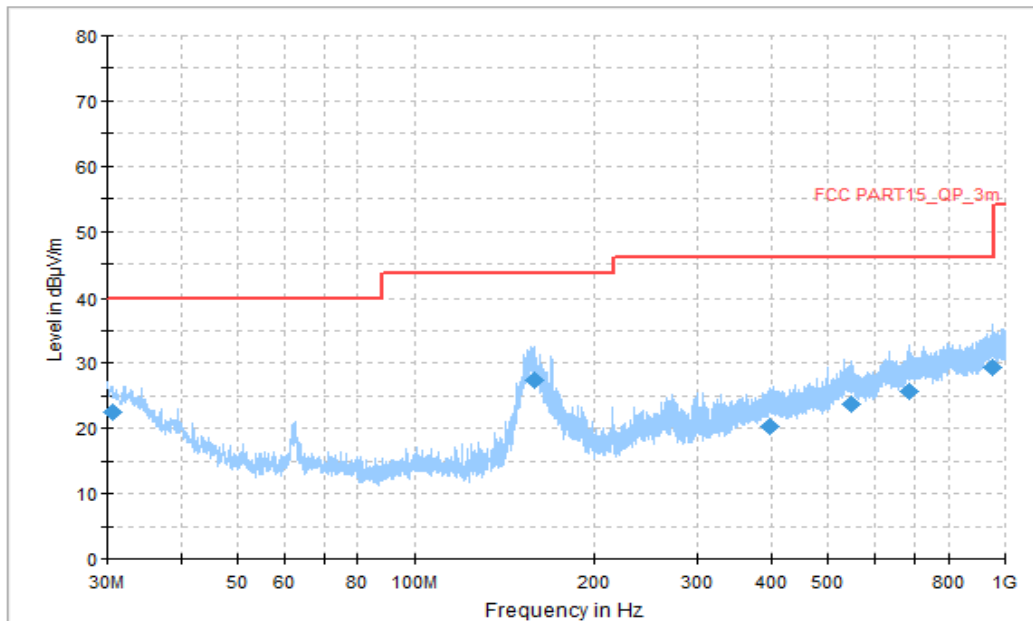


Figure A.1.77. Radiated Emission (Data Transfer: EUT TO PC, 30MHz to 1GHz)

Final_Results

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	ARpl (dB/m)	P _{Mea} (dBµV)
30.646667	22.55	40.00	17.45	V	-12	34.55
158.201667	27.29	43.52	16.23	V	-16	43.29
399.516111	20.38	46.02	25.64	V	-7	27.38
548.950000	23.62	46.02	22.40	H	-3	26.62
687.498333	25.79	46.02	20.23	V	-1	26.79
952.901111	29.28	46.02	16.74	H	3	26.28

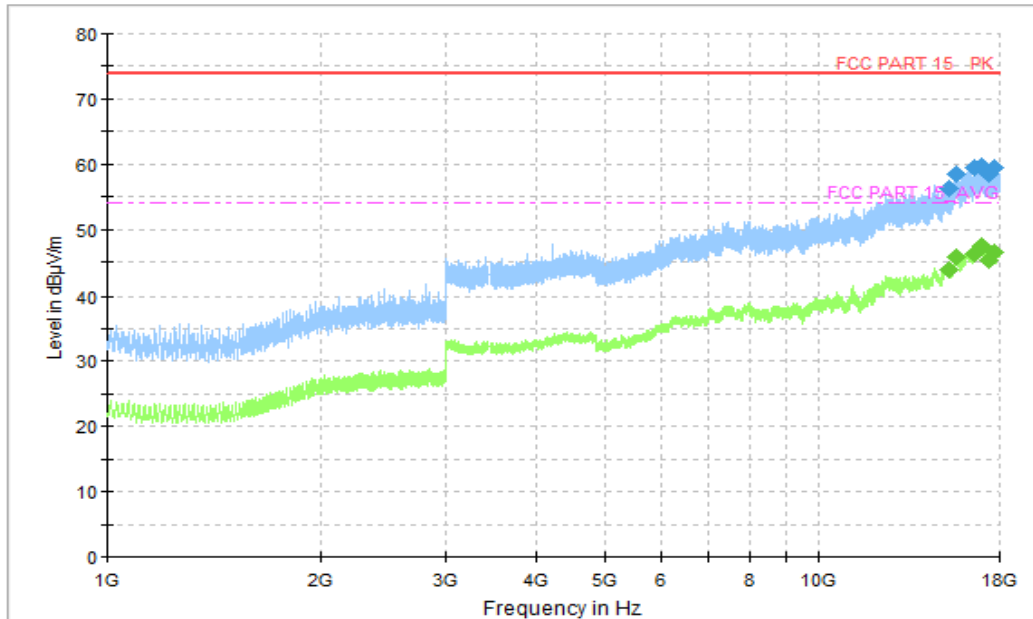


Figure A.1.78. Radiated Emission (Data Transfer: EUT TO PC, 1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBµV)
15263.500000	56.17	74.00	17.83	H	19	37.17
15661.750000	58.51	74.00	15.49	V	20	38.51
16575.500000	59.56	74.00	14.44	V	22	37.56
17017.500000	59.72	74.00	14.28	V	23	36.72
17331.500000	58.48	74.00	15.52	V	22	36.48
17717.500000	59.38	74.00	14.62	V	23	36.38

Final_Results_AVG

Frequency(MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBµV)
15263.500000	43.67	54.00	10.33	H	19	24.67
15661.750000	45.83	54.00	8.17	V	20	25.83
16575.500000	46.22	54.00	7.78	V	22	24.22
17017.500000	47.34	54.00	6.66	V	23	24.34
17331.500000	45.22	54.00	8.78	V	22	23.22
17717.500000	46.49	54.00	7.51	V	23	23.49

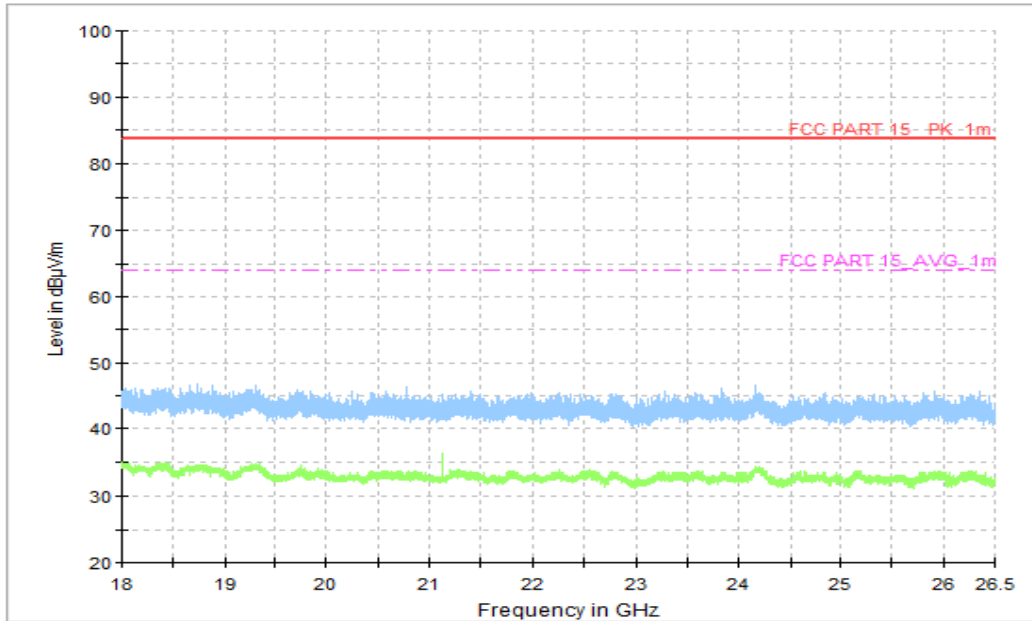


Figure A.1.79. Radiated Emission (Data Transfer: EUT TO PC, 18GHz to 26.5GHz)

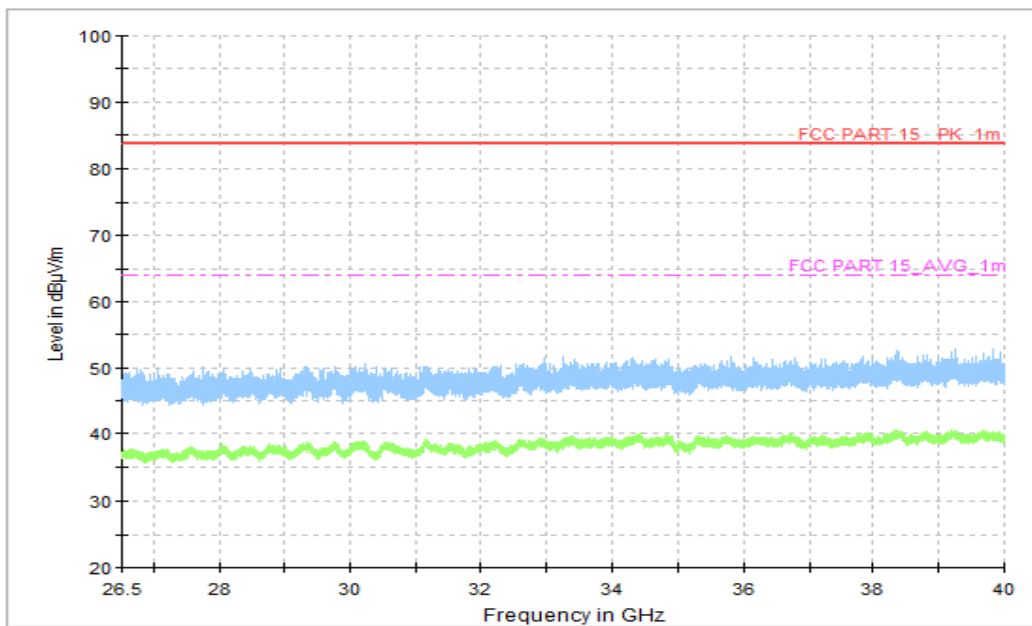


Figure A.1.80. Radiated Emission (Data Transfer: EUT TO PC, 26.5GHz to 40GHz)

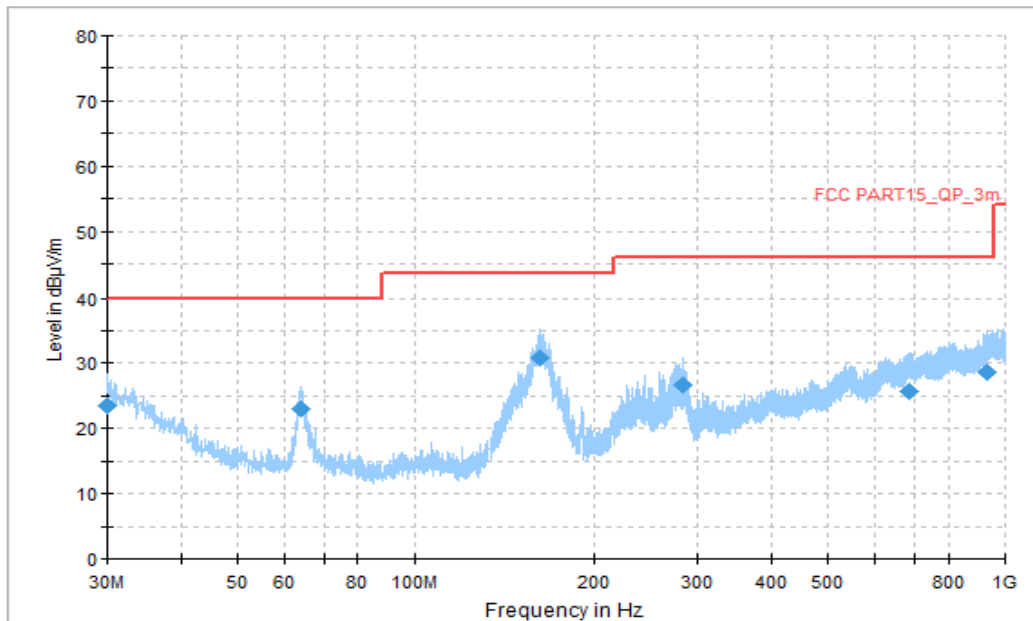


Figure A.1.81. Radiated Emission (Data Transfer: EUT TO PC, 30MHz to 1GHz)

Final_Results

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	ARpl (dB/m)	P _{Mea} (dBµV)
30.000000	23.48	40.00	16.52	V	-11	34.48
64.165556	23.03	40.00	16.97	V	-20	43.03
161.704444	30.88	43.52	12.64	H	-17	47.88
283.116111	26.67	46.02	19.35	H	-13	39.67
685.396667	25.67	46.02	20.35	V	-1	26.67
933.716667	28.68	46.02	17.34	H	2	26.68

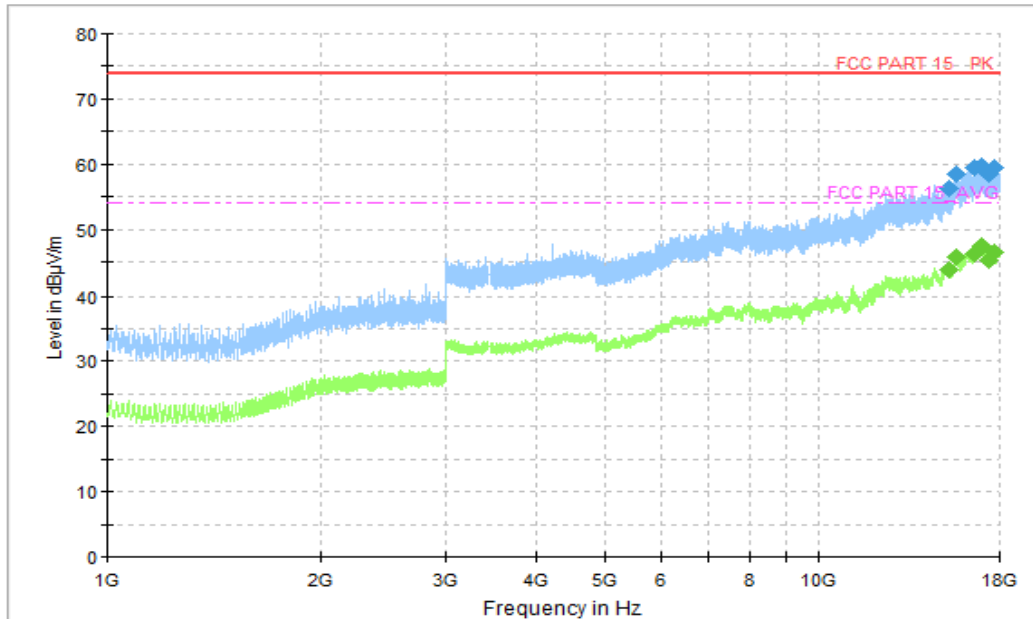


Figure A.1.82. Radiated Emission (Data Transfer: EUT TO PC, 1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBµV)
15263.500000	56.17	74.00	17.83	H	19	37.17
15661.750000	58.51	74.00	15.49	V	20	38.51
16575.500000	59.56	74.00	14.44	V	22	37.56
17017.500000	59.72	74.00	14.28	V	23	36.72
17331.500000	58.48	74.00	15.52	V	22	36.48
17717.500000	59.38	74.00	14.62	V	23	36.38

Final_Results_AVG

Frequency(MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBµV)
15263.500000	43.67	54.00	10.33	H	19	24.67
15661.750000	45.83	54.00	8.17	V	20	25.83
16575.500000	46.22	54.00	7.78	V	22	24.22
17017.500000	47.34	54.00	6.66	V	23	24.34
17331.500000	45.22	54.00	8.78	V	22	23.22
17717.500000	46.49	54.00	7.51	V	23	23.49

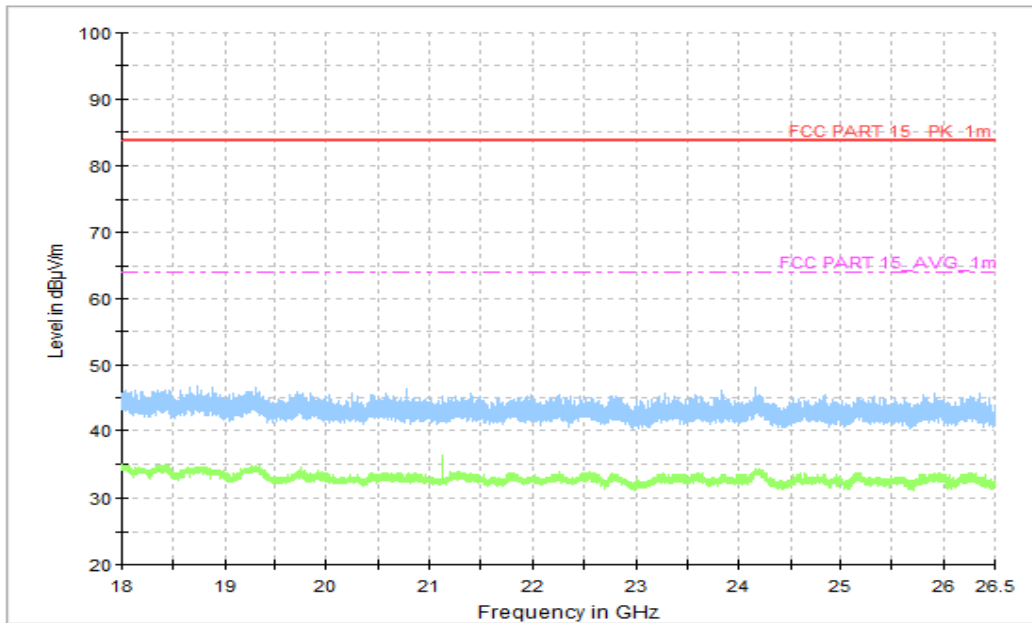


Figure A.1.83. Radiated Emission (Data Transfer: EUT TO PC, 18GHz to 26.5GHz)

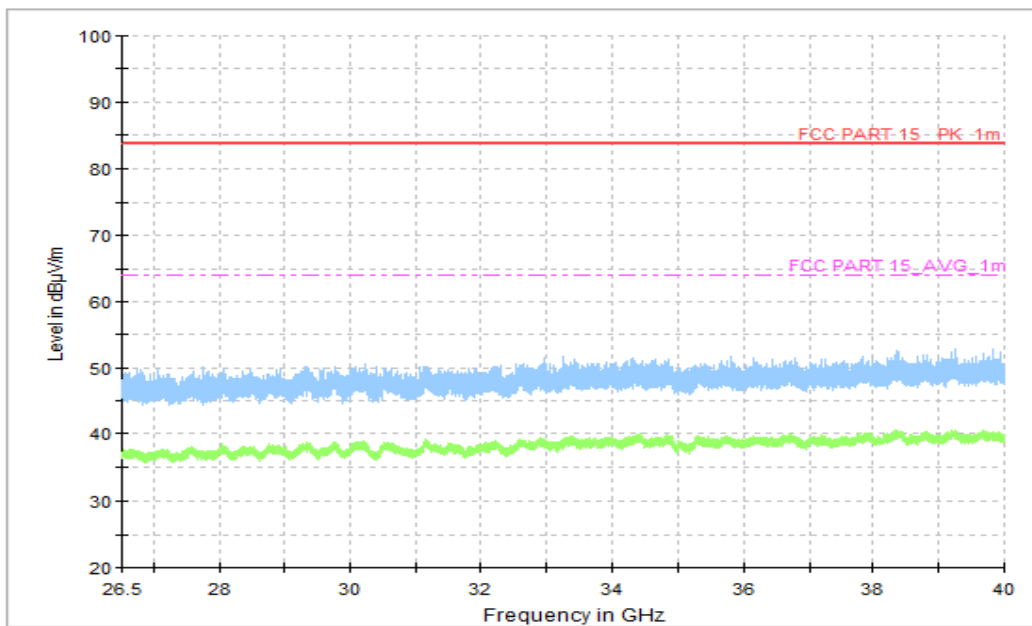


Figure A.1.84. Radiated Emission (Data Transfer: EUT TO PC, 26.5GHz to 40GHz)

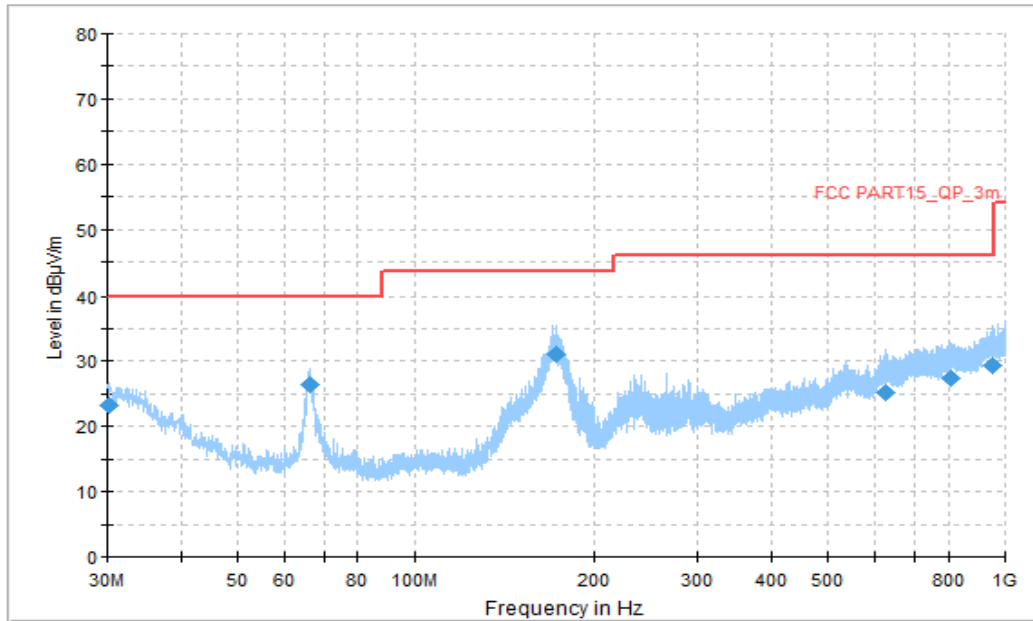


Figure A.1.85. Radiated Emission (Data Transfer: EUT TO PC, 30MHz to 1GHz)

Final_Results

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	ARpl (dB/m)	P _{Mea} (dBµV)
30.107778	23.24	40.00	16.76	V	-12	35.24
66.428889	26.52	40.00	13.48	V	-20	46.52
172.428333	31.09	43.52	12.43	H	-17	48.09
628.759444	25.20	46.02	20.82	H	-2	27.20
807.455000	27.40	46.02	18.62	H	1	26.4
954.463889	29.41	46.02	16.61	V	3	26.41

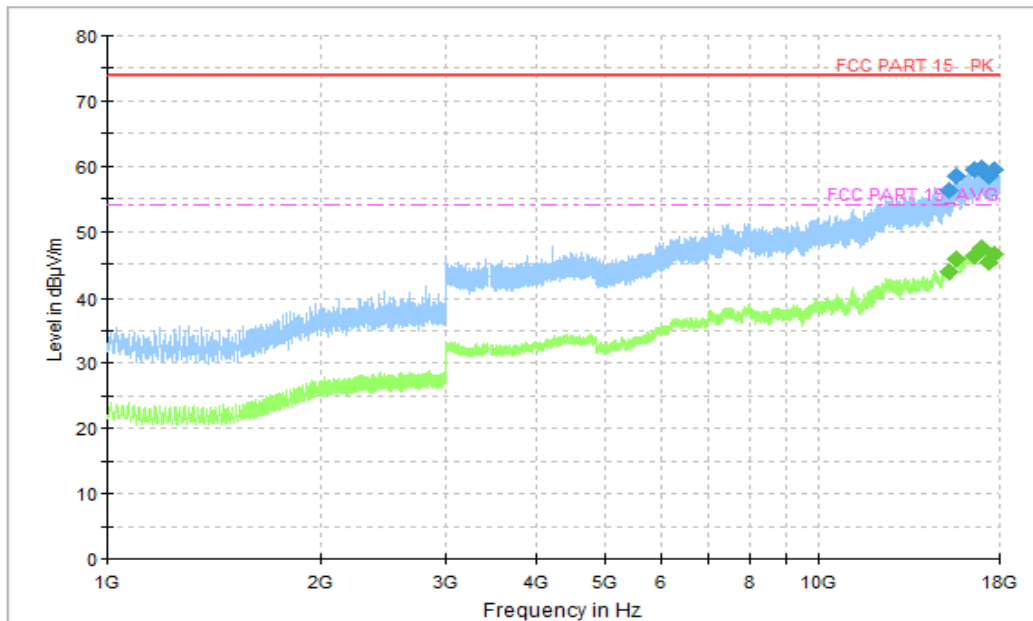


Figure A.1.86. Radiated Emission (Data Transfer: EUT TO PC, 1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBµV)
15263.500000	56.17	74.00	17.83	H	19	37.17
15661.750000	58.51	74.00	15.49	V	20	38.51
16575.500000	59.56	74.00	14.44	V	22	37.56
17017.500000	59.72	74.00	14.28	V	23	36.72
17331.500000	58.48	74.00	15.52	V	22	36.48
17717.500000	59.38	74.00	14.62	V	23	36.38

Final_Results_AVG

Frequency(MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBµV)
15263.500000	43.67	54.00	10.33	H	19	24.67
15661.750000	45.83	54.00	8.17	V	20	25.83
16575.500000	46.22	54.00	7.78	V	22	24.22
17017.500000	47.34	54.00	6.66	V	23	24.34
17331.500000	45.22	54.00	8.78	V	22	23.22
17717.500000	46.49	54.00	7.51	V	23	23.49

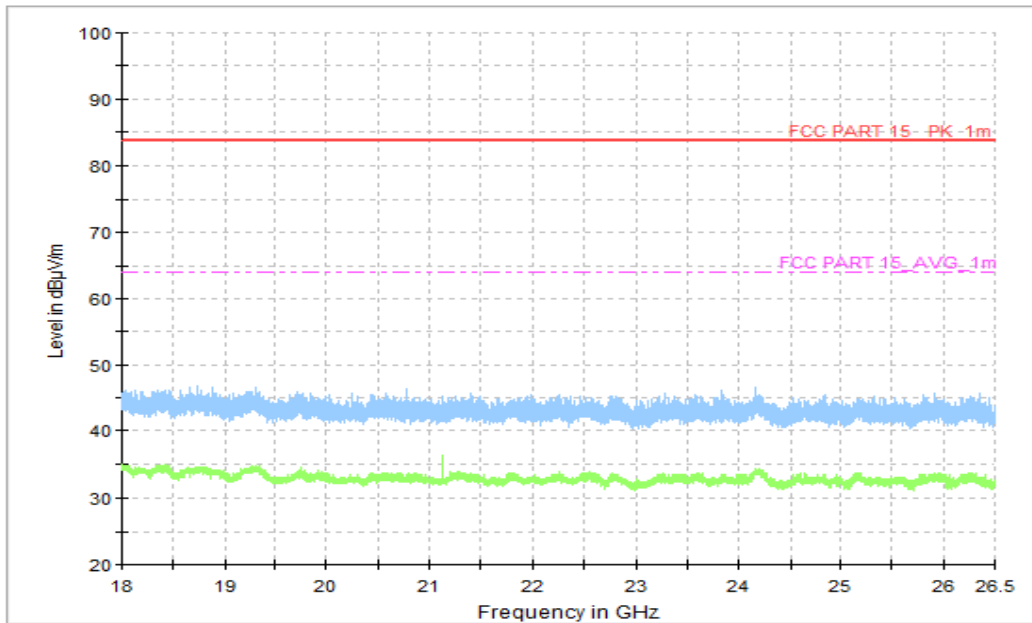


Figure A.1.87. Radiated Emission (Data Transfer: EUT TO PC, 18GHz to 26.5GHz)

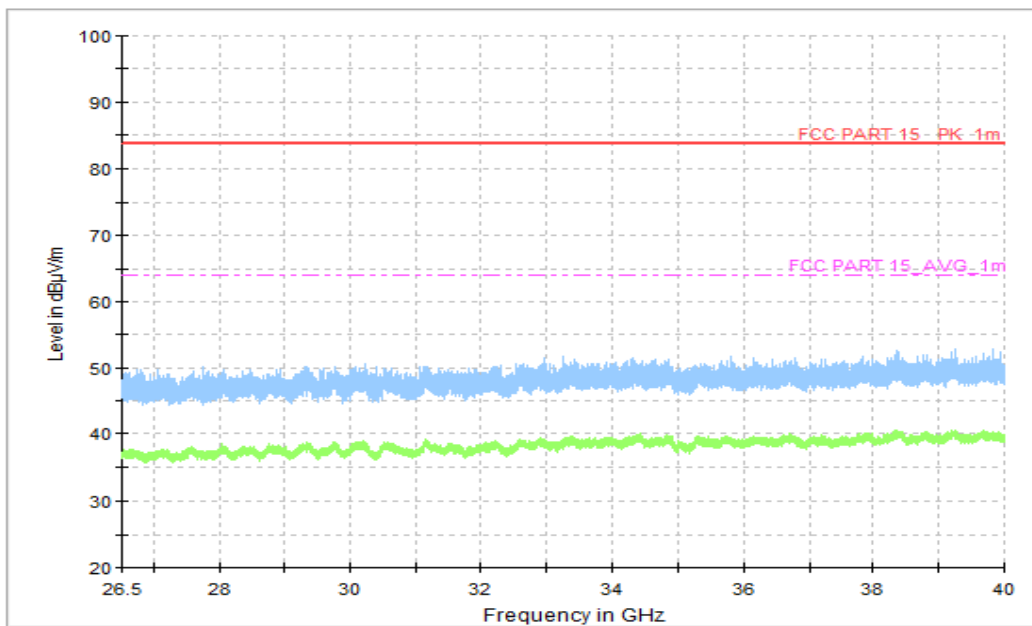


Figure A.1.88. Radiated Emission (Data Transfer: EUT TO PC, 26.5GHz to 40GHz)

**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.

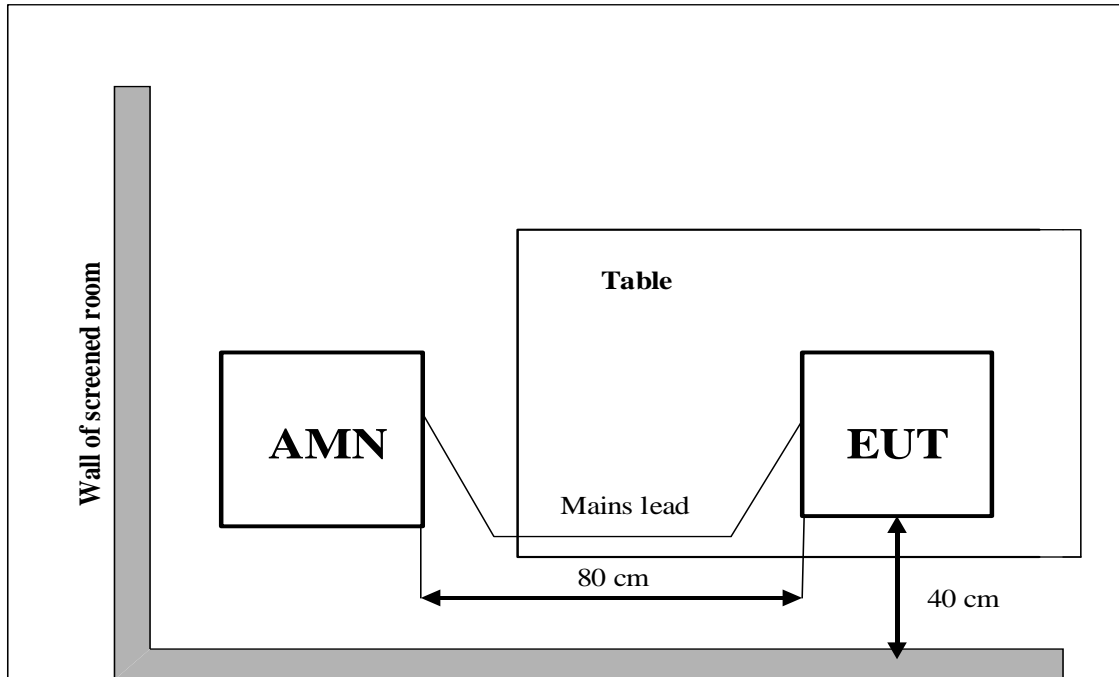
Data Transfer: The model of the PC is Lenovo ThinkPad T480, and the serial number of the PC is PF-13LW0C. The EUT is connected to a PC for transmitting data. The software is used to let the PC keep on copying data to EUT or TF Card, reading and erasing the data after copy action was finished.

A.2.3 Measurement Limit

Frequency of emission (MHz)	Conducted limit (dB μ V)	
	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

$$\text{QuasiPeak(dB}\mu\text{V) /Average(dB}\mu\text{V) =PMea+Corr}$$

Where

Corr: PathLoss + Voltage Division Factor

PMea: Measurement result on receiver.

Camera

AC Input Port/ Voltage: 120V/60Hz

Frequency range (MHz)	Quasi-peak Limit (dB μ V)	Average Limit (dB μ V)	Result (dB μ V)	Conclusion
			UT05aa/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 (dB μ V)	Average Limit (dB μ V)	Result (dB μ V)	Conclusion
			UT05aa/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.

Camera

AC Input Port/ Voltage: 120V/60Hz

Frequency range (MHz)	Quasi-peak Limit (dB μ V)	Average Limit (dB μ V)	Result (dB μ V)	Conclusion
			UT05aa/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: 120V/60Hz

Frequency range (MHz)	Quasi-peak Limit (dB μ V)	Average Limit (dB μ V)	Result (dB μ V)	Conclusion
			UT05aa/Set.3	
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.

Camera

AC Input Port/ Voltage: 120V/60Hz

Frequency range (MHz)	Quasi-peak Limit (dB μ V)	Average Limit (dB μ V)	Result (dB μ V)	Conclusion
			UT05aa/Set.4	
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: 120V/60Hz

Frequency range (MHz)	Quasi-peak Limit (dB μ V)	Average Limit (dB μ V)	Result (dB μ V)	Conclusion
			UT05aa/Set.5	
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.

Data Transfer

AC Input Port/ Voltage: 120V/60Hz

Frequency range (MHz)	Quasi-peak Limit (dB μ V)	Average Limit (dB μ V)	Result (dB μ V)	Conclusion
			UT05aa/Set.6	
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.

Data Transfer

AC Input Port/ Voltage: 120V/60Hz

Frequency range (MHz)	Quasi-peak Limit (dB μ V)	Average Limit (dB μ V)	Result (dB μ V)	Conclusion
			UT05aa/Set.7	
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: 120V/60Hz

Frequency range (MHz)	Quasi-peak Limit (dB μ V)	Average Limit (dB μ V)	Result (dB μ V)	Conclusion
			UT05aa/Set.8	
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.

Data Transfer

AC Input Port/ Voltage: 120V/60Hz

Frequency range (MHz)	Quasi-peak Limit (dB μ V)	Average Limit (dB μ V)	Result (dB μ V)	Conclusion
			UT05aa/Set.9	
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.

Data Transfer

AC Input Port/ Voltage: 120V/60Hz

Frequency range (MHz)	Quasi-peak Limit (dB μ V)	Average Limit (dB μ V)	Result (dB μ V)	Conclusion
			UT05aa/Set.10	
0.15 to 0.5	66 to 56	56 to 46	See Figure A.2.11.	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 (dB μ V)	Average Limit (dB μ V)	Result (dB μ V)	Conclusion
			UT05aa/Set.1	
0.15 to 0.5	66 to 56	56 to 46	See Figure A.2.12.	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 (dB μ V)	Average Limit (dB μ V)	Result (dB μ V)	Conclusion
			UT05aa/Set.1	
0.15 to 0.5	66 to 56	56 to 46	See Figure A.2.13.	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 (dB μ V)	Average Limit (dB μ V)	Result (dB μ V)	Conclusion
			UT05aa/Set.2	
0.15 to 0.5	66 to 56	56 to 46	See Figure A.2.14.	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 (dB μ V)	Average Limit (dB μ V)	Result (dB μ V)	Conclusion
			UT05aa/Set.3	
0.15 to 0.5	66 to 56	56 to 46	See Figure A.2.15.	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 (dB μ V)	Average Limit (dB μ V)	Result (dB μ V)	Conclusion
			UT05aa/Set.4	
0.15 to 0.5	66 to 56	56 to 46	See Figure A.2.16.	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 (dB μ V)	Average Limit (dB μ V)	Result (dB μ V)	Conclusion
			UT05aa/Set.5	
0.15 to 0.5	66 to 56	56 to 46	See Figure A.2.17.	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 (dB μ V)	Average Limit (dB μ V)	Result (dB μ V)	Conclusion
			UT05aa/Set.6	
0.15 to 0.5	66 to 56	56 to 46	See Figure A.2.18.	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 (dB μ V)	Average Limit (dB μ V)	Result (dB μ V)	Conclusion
			UT05aa/Set.7	
0.15 to 0.5	66 to 56	56 to 46	See Figure A.2.19.	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 (dB μ V)	Average Limit (dB μ V)	Result (dB μ V)	Conclusion
			UT05aa/Set.8	
0.15 to 0.5	66 to 56	56 to 46	See Figure A.2.20.	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 (dB μ V)	Average Limit (dB μ V)	Result (dB μ V)	Conclusion
			UT05aa/Set.9	
0.15 to 0.5	66 to 56	56 to 46	See Figure A.2.21.	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 (dB μ V)	Average Limit (dB μ V)	Result (dB μ V)	Conclusion
			UT05aa/Set.10	
0.15 to 0.5	66 to 56	56 to 46	See Figure A.2.22.	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

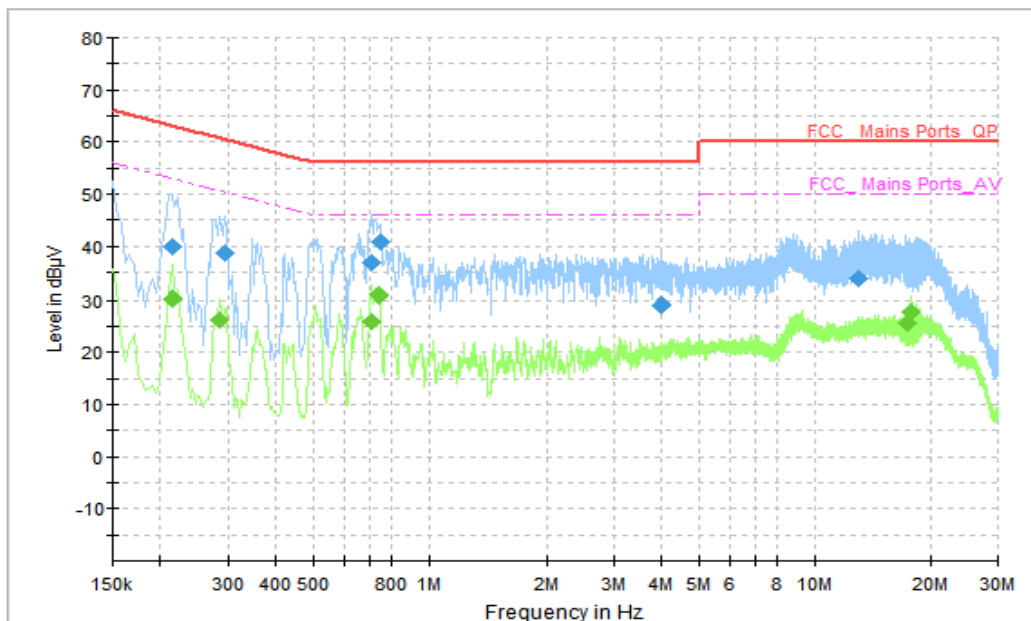


Figure A.2.1. Conducted Emission(Camera)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.214000	40.04	63.05	23.01	N	10	30.04
0.294000	38.64	60.41	21.77	N	10	28.64
0.706000	36.75	56.00	19.25	N	10	26.75
0.746000	40.94	56.00	15.06	L1	10	30.94
3.982000	28.84	56.00	27.16	N	10	18.84
12.938000	33.94	60.00	26.06	N	10	23.94

Final_Result_AVG

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.214000	30.05	53.05	23.00	N	10	20.05
0.286000	26.05	50.64	24.59	N	10	16.05
0.706000	25.96	46.00	20.04	N	10	15.96
0.738000	30.79	46.00	15.21	L1	10	20.79
17.394000	25.67	50.00	24.33	N	11	14.67
17.902000	27.68	50.00	22.32	N	11	16.68

AC Input Port/ Voltage: 120V/60Hz

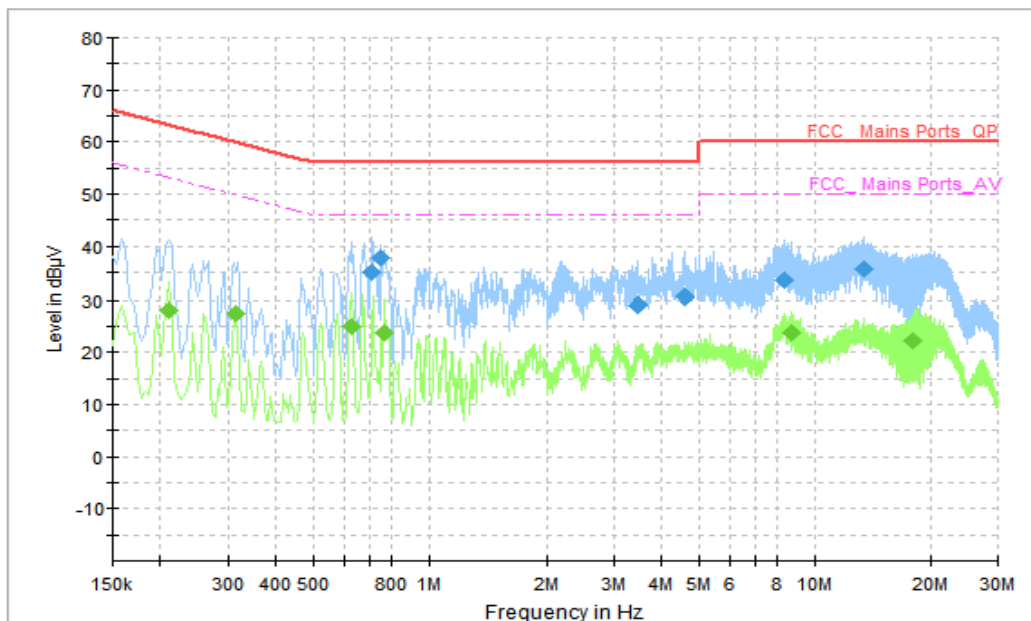


Figure A.2.2. Conducted Emission(Video Player)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.710000	30.07	56.00	25.93	N	10	20.07
0.750000	37.71	56.00	18.29	N	10	27.71
3.442000	28.84	56.00	27.16	N	10	18.84
4.574000	30.55	56.00	25.45	N	10	20.55
8.318000	33.38	60.00	26.62	N	10	23.38
13.450000	35.72	60.00	24.28	N	10	25.72

Final_Result_AVG

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.210000	28.13	53.21	25.07	N	10	18.13
0.314000	27.38	49.86	22.48	N	10	17.38
0.626000	25.07	46.00	20.93	N	10	15.07
0.762000	23.78	46.00	22.22	N	10	13.78
8.730000	23.65	50.00	26.35	N	10	13.65
18.042000	22.07	50.00	27.93	N	10	12.07

AC Input Port/ Voltage: 120V/60Hz

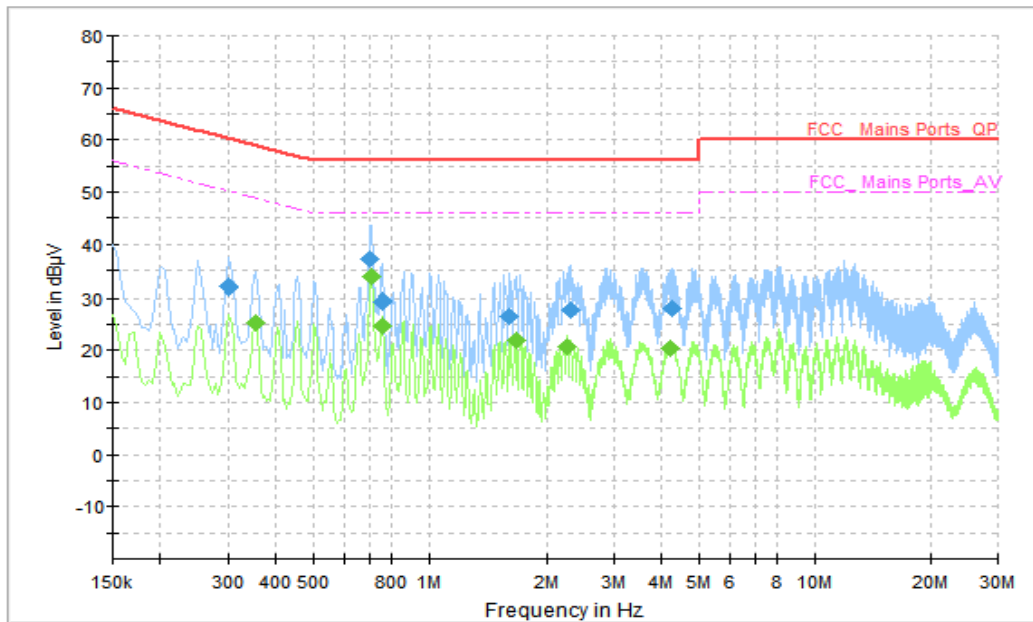


Figure A.2.3. Conducted Emission(Camera)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.302000	31.97	60.19	28.22	N	10	21.97
0.702000	37.22	56.00	18.78	N	10	27.22
0.754000	29.29	56.00	26.71	N	10	19.29
1.598000	26.48	56.00	29.52	N	10	16.48
2.306000	27.58	56.00	28.42	N	10	17.58
4.254000	28.10	56.00	27.90	N	10	18.10

Final_Result_AVG

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.354000	25.33	48.87	23.54	N	10	15.33
0.706000	33.93	46.00	12.07	N	10	23.93
0.754000	24.67	46.00	21.33	N	10	14.67
1.662000	22.04	46.00	23.96	N	10	12.04
2.266000	20.60	46.00	25.40	N	10	10.6
4.198000	20.30	46.00	25.70	N	10	10.30

AC Input Port/ Voltage: 120V/60Hz

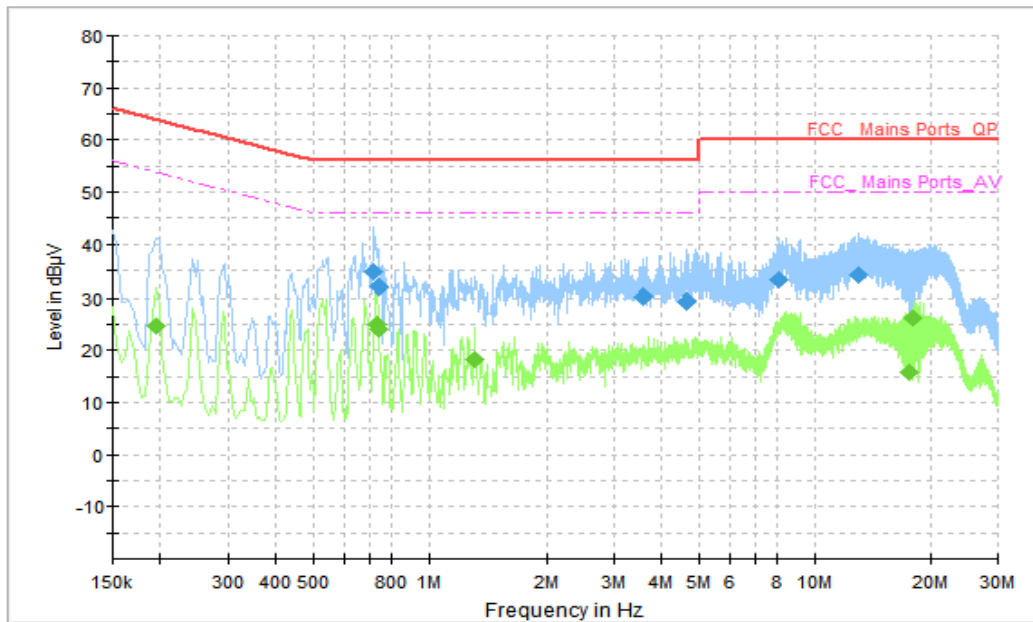


Figure A.2.4. Conducted Emission(Camera)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.718000	34.73	56.00	21.27	N	10	24.73
0.738000	32.11	56.00	23.89	N	10	22.11
3.578000	30.14	56.00	25.86	N	10	20.14
4.614000	29.38	56.00	26.62	N	10	19.38
8.102000	33.13	60.00	26.87	N	10	23.13
13.050000	34.02	60.00	25.98	N	10	24.02

Final_Result_AVG

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.194000	24.67	53.86	29.20	N	10	14.67
0.730000	25.01	46.00	20.99	N	10	15.01
0.738000	24.17	46.00	21.83	N	10	14.17
1.314000	18.12	46.00	27.88	N	10	8.12
17.542000	15.74	50.00	34.26	N	10	5.74
17.978000	26.15	50.00	23.85	N	10	16.15

AC Input Port/ Voltage: 120V/60Hz

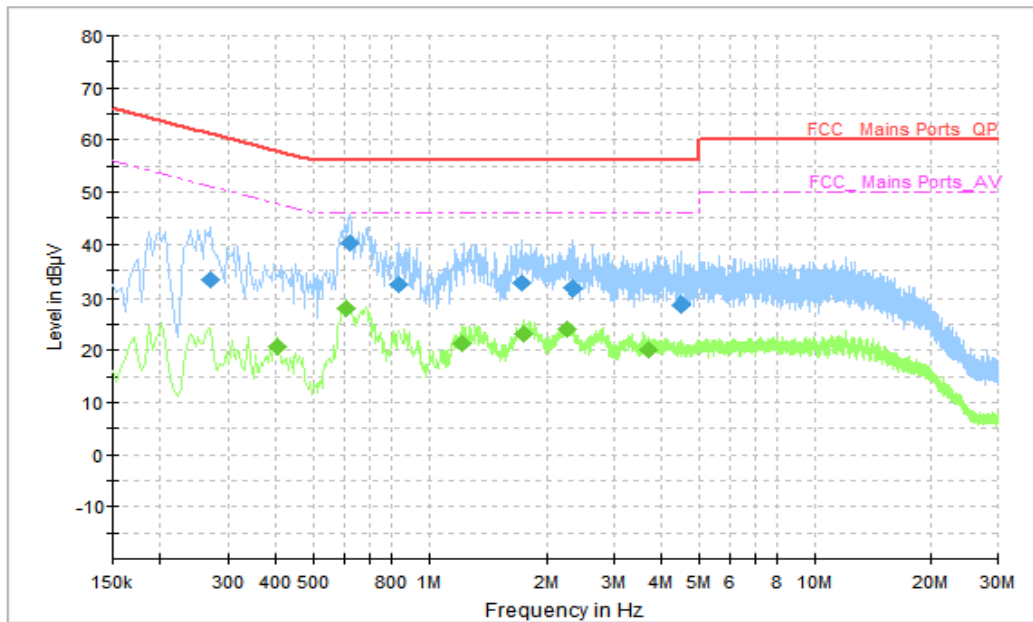


Figure A.2.5. Conducted Emission(Camera)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.270000	33.30	61.12	27.82	L1	10	23.30
0.622000	40.20	56.00	15.80	L1	10	30.2
0.830000	32.34	56.00	23.66	L1	10	22.34
1.734000	32.63	56.00	23.37	L1	10	22.63
2.346000	31.71	56.00	24.29	L1	10	21.71
4.502000	28.58	56.00	27.42	L1	10	18.58

Final_Result_AVG

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.402000	20.63	47.81	27.19	L1	10	10.63
0.610000	28.08	46.00	17.92	L1	10	18.08
1.214000	21.40	46.00	24.60	L1	10	11.40
1.738000	23.06	46.00	22.94	L1	10	13.06
2.254000	23.98	46.00	22.02	L1	10	13.98
3.710000	19.99	46.00	26.01	L1	10	9.99

AC Input Port/ Voltage: 120V/60Hz

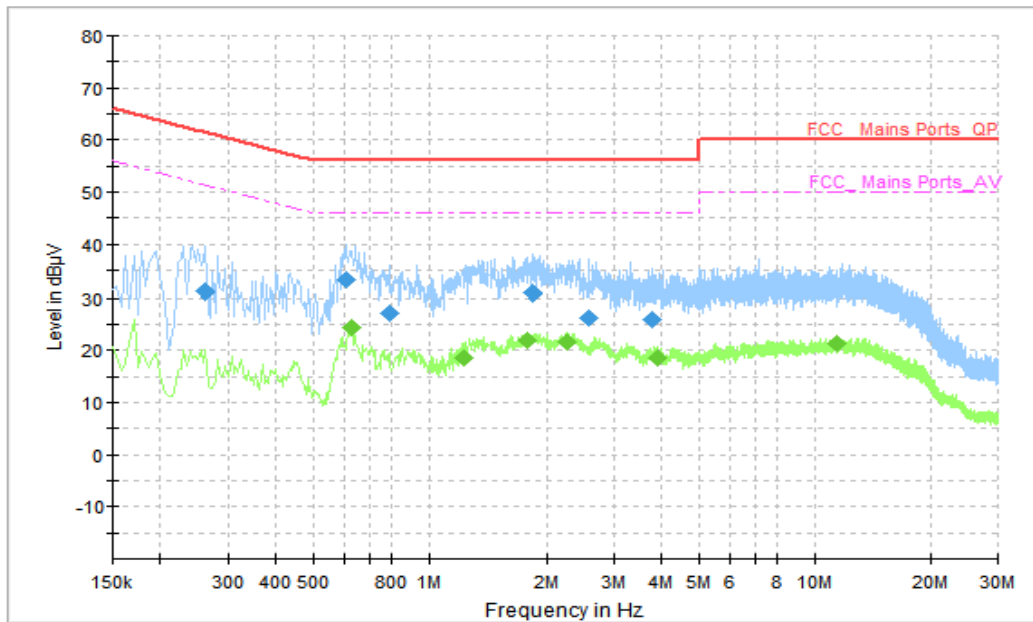


Figure A.2.6. Conducted Emission(Camera)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.262000	31.11	61.37	30.26	L1	10	21.11
0.606000	33.16	56.00	22.84	N	10	23.16
0.786000	27.02	56.00	28.98	N	10	17.02
1.846000	30.89	56.00	25.11	L1	10	20.89
2.582000	26.28	56.00	29.72	N	10	16.28
3.774000	25.98	56.00	30.02	N	10	15.98

Final_Result_AVG

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.630000	24.41	46.00	21.59	L1	10	14.41
1.226000	18.56	46.00	27.45	L1	10	8.56
1.790000	21.78	46.00	24.22	L1	10	11.78
2.254000	21.49	46.00	24.51	L1	10	11.49
3.878000	18.61	46.00	27.39	L1	10	8.61
11.426000	21.16	50.00	28.84	N	10	11.16

AC Input Port/ Voltage: 120V/60Hz

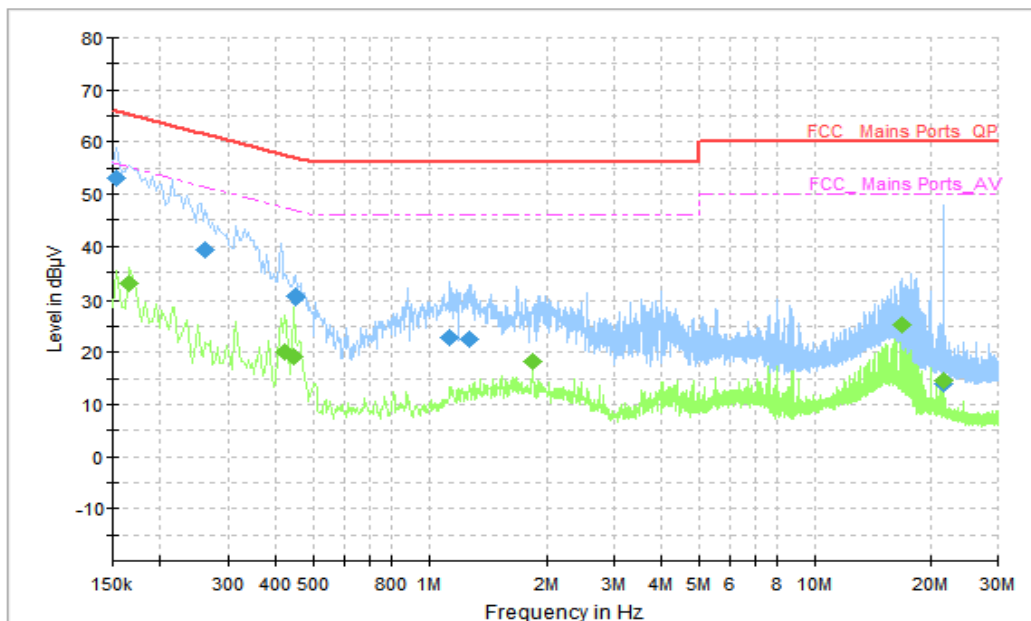


Figure A.2.7. Conducted Emission(Data Transfer)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.154000	53.13	65.78	12.65	L1	10	43.13
0.262000	39.48	61.37	21.88	N	10	29.48
0.450000	30.58	56.88	26.29	L1	10	20.58
1.134000	22.74	56.00	33.26	L1	10	12.74
1.274000	22.47	56.00	33.53	L1	10	12.47
21.718000	13.95	60.00	46.05	N	11	2.95

Final_Result_AVG

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.166000	32.93	55.16	22.23	L1	10	22.93
0.422000	19.92	47.41	27.49	L1	10	9.92
0.446000	19.07	46.95	27.88	N	10	9.07
1.834000	18.34	46.00	27.66	N	10	8.34
16.910000	25.22	50.00	24.78	N	11	14.22
21.718000	14.47	50.00	35.53	N	11	3.47

AC Input Port/ Voltage: 120V/60Hz

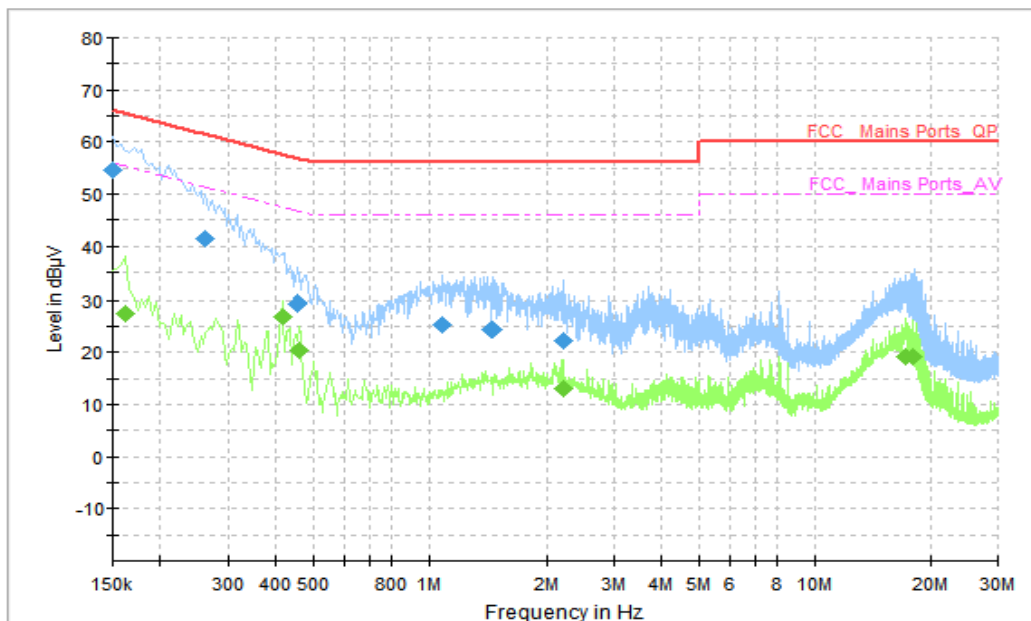


Figure A.2.8. Conducted Emission(Data Transfer)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.150000	54.70	66.00	11.30	N	10	44.70
0.262000	41.54	61.37	19.83	N	10	31.54
0.454000	29.35	56.80	27.45	N	10	19.35
1.078000	25.19	56.00	30.81	L1	10	15.19
1.458000	24.24	56.00	31.76	L1	10	14.24
2.210000	22.35	56.00	33.65	L1	10	12.35

Final_Result_AVG

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.162000	27.53	55.36	27.83	N	10	17.53
0.414000	26.76	47.57	20.81	L1	10	16.76
0.458000	20.45	46.73	26.28	L1	10	10.45
2.210000	13.06	46.00	32.94	L1	10	3.06
17.330000	19.02	50.00	30.98	L1	10	9.02
18.066000	19.05	50.00	30.95	N	11	8.05

AC Input Port/ Voltage: 120V/60Hz

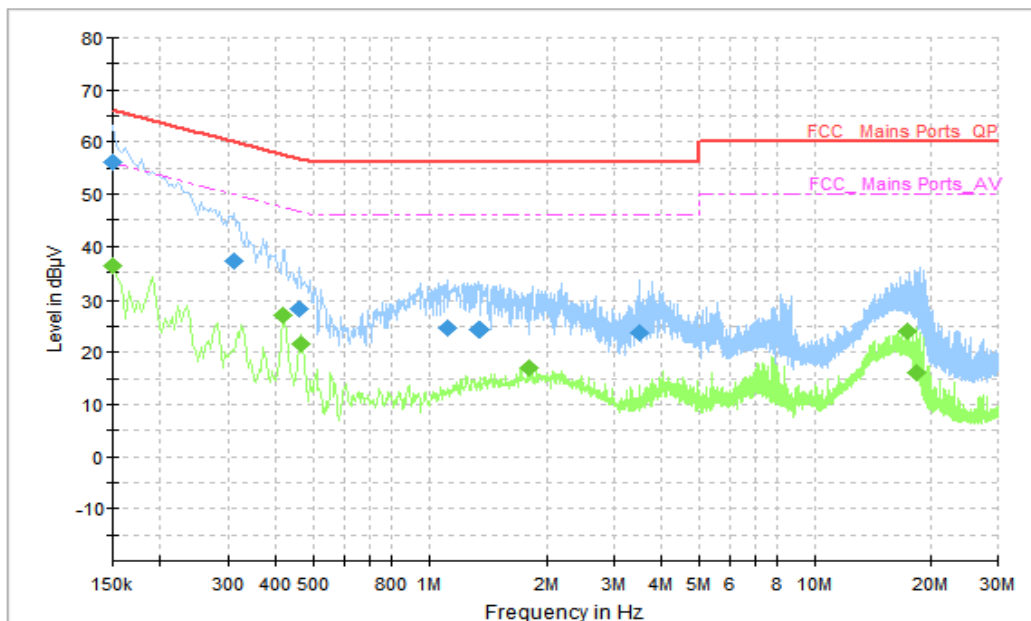


Figure A.2.9. Conducted Emission(Data Transfer)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.150000	56.29	66.00	9.71	N	10	46.29
0.310000	37.06	59.97	22.91	N	10	27.06
0.458000	28.22	56.73	28.51	N	10	18.22
1.122000	24.72	56.00	31.28	L1	10	14.72
1.346000	24.27	56.00	31.73	L1	10	14.27
3.514000	23.68	56.00	32.32	L1	10	13.68

Final_Result_AVG

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.150000	36.33	56.00	19.67	N	10	26.33
0.418000	27.04	47.49	20.45	L1	10	17.04
0.462000	21.60	46.66	25.06	L1	10	11.60
1.806000	16.99	46.00	29.01	N	10	6.99
17.418000	23.97	50.00	26.03	N	11	12.97
18.466000	15.95	50.00	34.05	L1	10	5.95

AC Input Port/ Voltage: 120V/60Hz

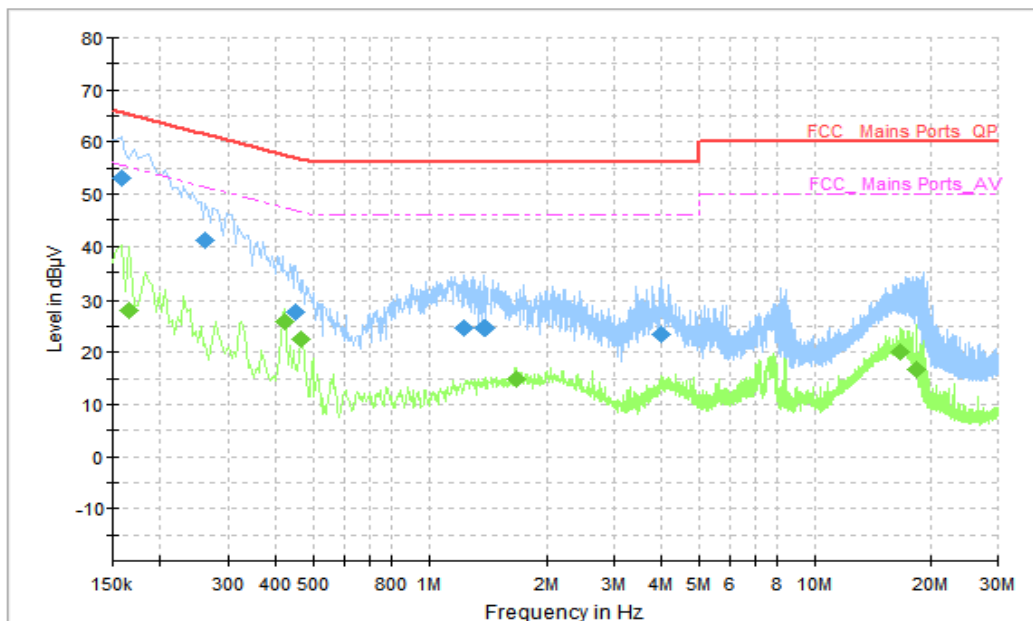


Figure A.2.10. Conducted Emission(Data Transfer)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.158000	53.23	65.57	12.34	L1	10	43.23
0.262000	41.09	61.37	20.28	N	10	31.09
0.450000	27.63	56.88	29.24	N	10	17.63
1.226000	24.77	56.00	31.23	L1	10	14.77
1.386000	24.55	56.00	31.45	L1	10	14.55
3.962000	23.47	56.00	32.53	L1	10	13.47

Final_Result_AVG

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.166000	28.00	55.16	27.16	N	10	18.00
0.422000	25.99	47.41	21.42	L1	10	15.99
0.466000	22.51	46.59	24.08	N	10	12.51
1.662000	14.97	46.00	31.03	N	10	4.97
16.778000	20.21	50.00	29.79	N	11	9.21
18.446000	16.57	50.00	33.43	L1	10	6.57

AC Input Port/ Voltage: 120V/60Hz

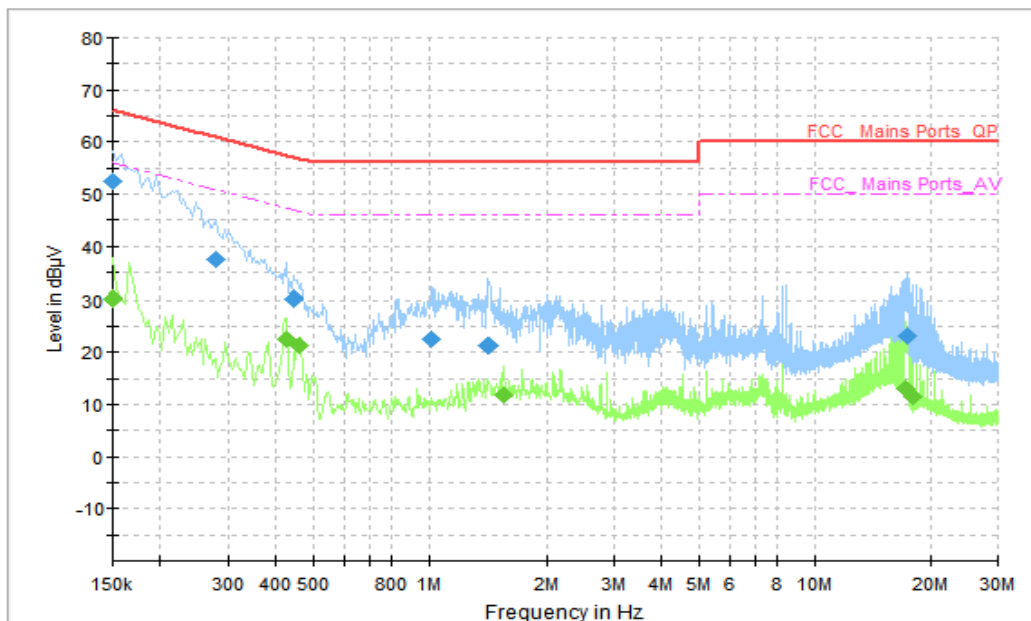


Figure A.2.11. Conducted Emission(Data Transfer)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.150000	52.62	66.00	13.38	N	10	42.62
0.278000	37.55	60.88	23.32	N	10	27.55
0.442000	30.16	57.02	26.86	N	10	20.16
1.018000	22.46	56.00	33.54	L1	10	12.46
1.426000	21.39	56.00	34.61	L1	10	11.39
17.470000	23.09	60.00	36.91	N	11	12.09

Final_Result_AVG

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.150000	30.05	56.00	25.95	N	10	20.05
0.426000	22.41	47.33	24.92	L1	10	12.41
0.458000	21.29	46.73	25.44	N	10	11.29
1.546000	11.92	46.00	34.08	N	10	1.92
17.206000	13.03	50.00	36.97	N	11	2.03
18.018000	11.64	50.00	38.36	N	11	0.64

AC Input Port/ Voltage: 240V/60Hz

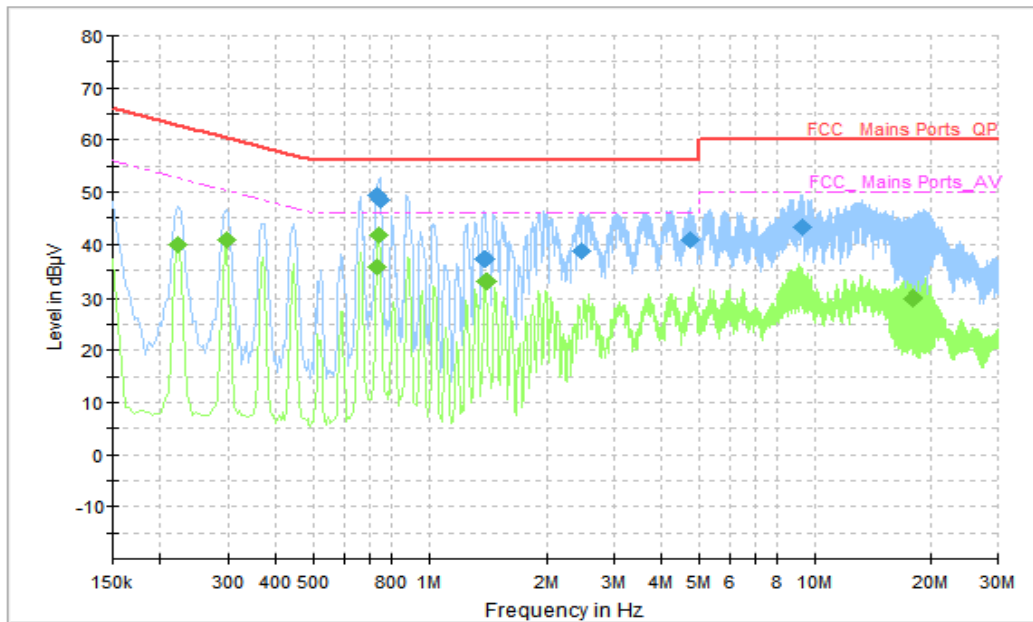


Figure A.2.12. Conducted Emission(Camera)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.734000	49.57	56.00	6.43	N	10	39.57
0.746000	48.42	56.00	7.58	N	10	38.42
1.386000	37.20	56.00	18.80	N	10	27.20
2.478000	38.77	56.00	17.23	N	10	28.77
4.758000	40.73	56.00	15.27	N	10	30.73
9.250000	43.27	60.00	16.73	N	10	33.27

Final_Result_AVG

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.222000	39.96	52.74	12.78	N	10	29.96
0.298000	40.78	50.30	9.51	N	10	30.78
0.734000	35.59	46.00	10.41	N	10	25.59
0.738000	41.83	46.00	4.17	N	10	31.83
1.398000	32.93	46.00	13.07	N	10	22.93
18.054000	29.97	50.00	20.03	N	10	19.97

AC Input Port/ Voltage: 240V/60Hz

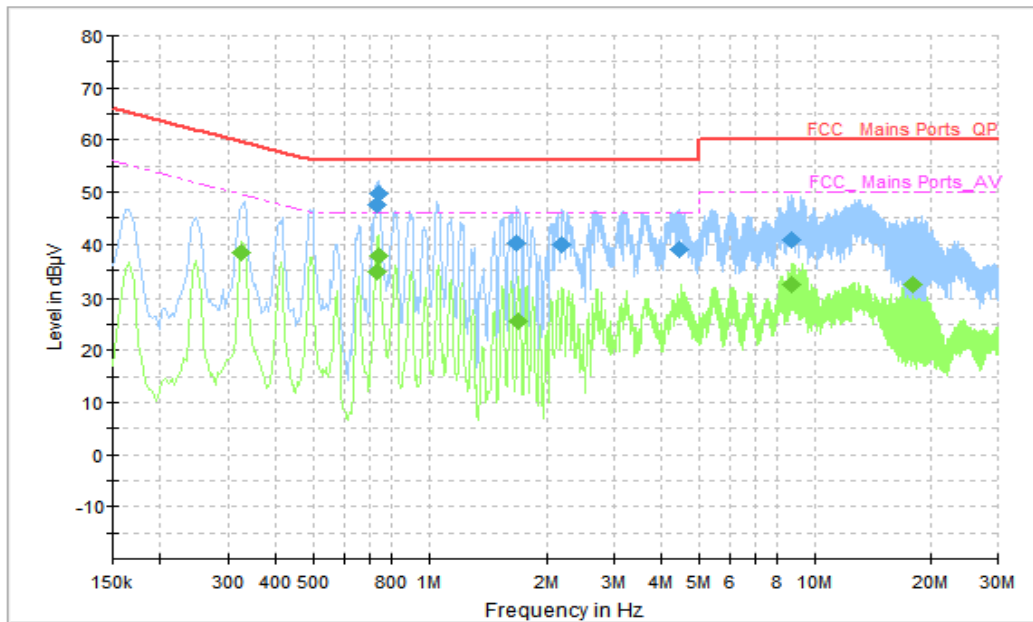


Figure A.2.13. Conducted Emission(Video Player)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.734000	47.62	56.00	8.38	N	10	37.62
0.738000	49.67	56.00	6.33	N	10	39.67
1.678000	40.25	56.00	15.75	N	10	30.25
2.198000	40.01	56.00	15.99	N	10	30.01
4.438000	39.00	56.00	17.00	N	10	29
8.670000	40.88	60.00	19.12	N	10	30.88

Final_Result_AVG

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.326000	38.49	49.55	11.06	N	10	28.49
0.734000	34.72	46.00	11.28	N	10	24.72
0.738000	37.81	46.00	8.19	N	10	27.81
1.698000	25.54	46.00	20.46	N	10	15.54
8.746000	32.41	50.00	17.59	N	10	22.41
18.054000	32.41	50.00	17.59	N	10	22.41

AC Input Port/ Voltage: 240V/60Hz

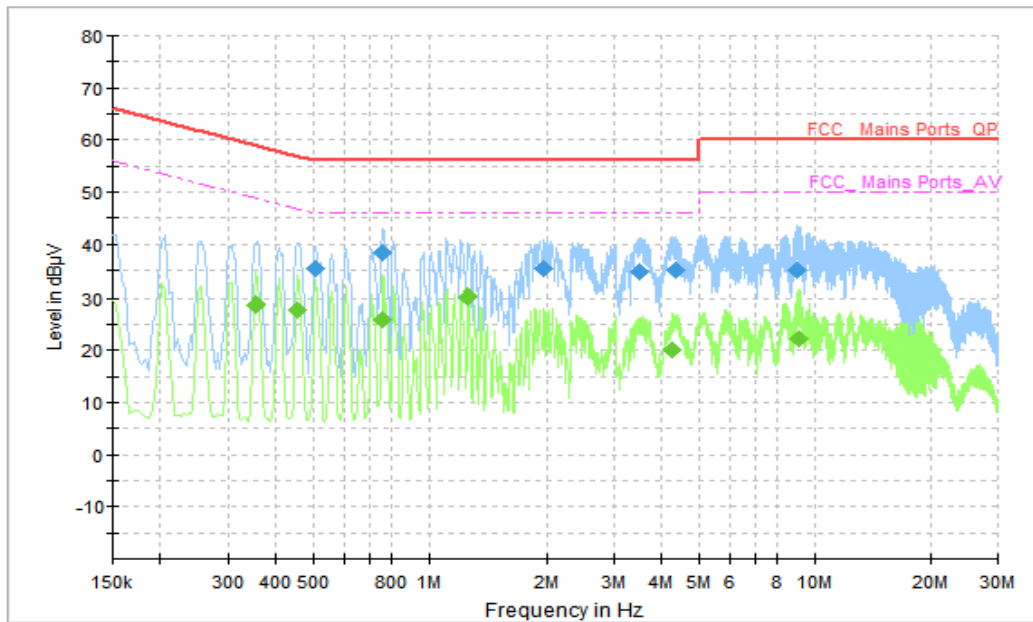


Figure A.2.14. Conducted Emission(Camera)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.506000	35.39	56.00	20.61	N	10	25.39
0.758000	38.46	56.00	17.54	N	10	28.46
1.966000	35.31	56.00	20.69	N	10	25.31
3.510000	34.64	56.00	21.36	N	10	24.64
4.326000	34.93	56.00	21.07	N	10	24.93
9.030000	34.94	60.00	25.06	N	10	24.94

Final_Result_AVG

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.354000	28.51	48.87	20.36	N	10	18.51
0.454000	27.76	46.80	19.05	N	10	17.76
0.758000	25.89	46.00	20.11	N	10	15.89
1.266000	30.22	46.00	15.78	N	10	20.22
4.238000	19.92	46.00	26.08	N	10	9.92
9.106000	22.29	50.00	27.71	N	10	12.29

AC Input Port/ Voltage: 240V/60Hz

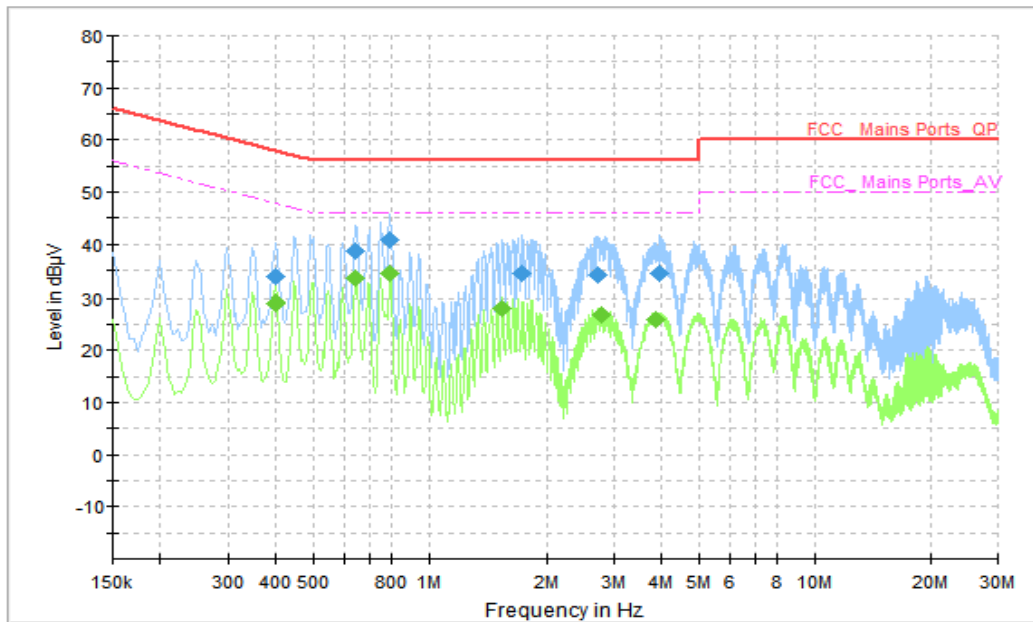


Figure A.2.15. Conducted Emission(Camera)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.398000	33.91	57.90	23.99	N	10	23.91
0.646000	38.80	56.00	17.20	N	10	28.8
0.790000	40.94	56.00	15.06	N	10	30.94
1.722000	34.34	56.00	21.66	N	10	24.34
2.710000	34.04	56.00	21.96	N	10	24.04
3.934000	34.43	56.00	21.57	N	10	24.43

Final_Result_AVG

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.398000	28.84	47.90	19.05	N	10	18.84
0.646000	33.37	46.00	12.63	N	10	23.37
0.794000	34.33	46.00	11.67	N	10	24.33
1.538000	28.12	46.00	17.88	N	10	18.12
2.778000	26.91	46.00	19.09	N	10	16.91
3.838000	26.00	46.00	20.00	N	10	16.00

AC Input Port/ Voltage: 240V/60Hz

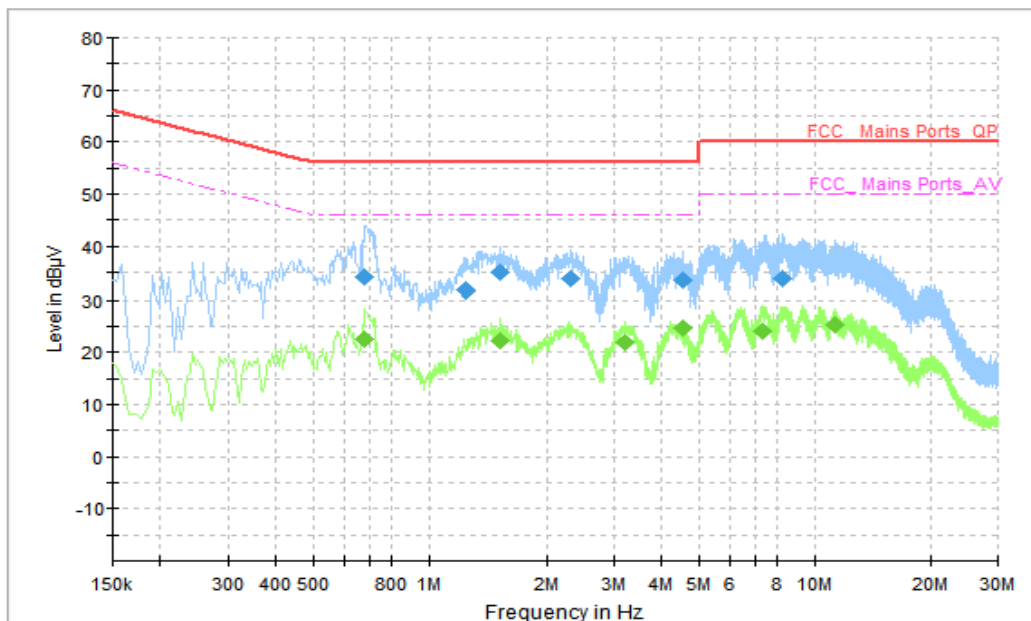


Figure A.2.16. Conducted Emission(Camera)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.682000	34.25	56.00	21.75	N	10	24.25
1.246000	31.57	56.00	24.43	N	10	21.57
1.510000	35.04	56.00	20.96	N	10	25.04
2.310000	33.70	56.00	22.30	N	10	23.70
4.538000	33.57	56.00	22.43	N	10	23.57
8.198000	33.88	60.00	26.12	N	10	23.88

Final_Result_AVG

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.682000	22.60	46.00	23.40	N	10	12.60
1.510000	22.26	46.00	23.74	N	10	12.26
3.214000	21.99	46.00	24.01	N	10	11.99
4.530000	24.72	46.00	21.28	N	10	14.72
7.342000	23.92	50.00	26.08	N	10	13.92
11.242000	25.36	50.00	24.64	N	10	15.36

AC Input Port/ Voltage: 240V/60Hz

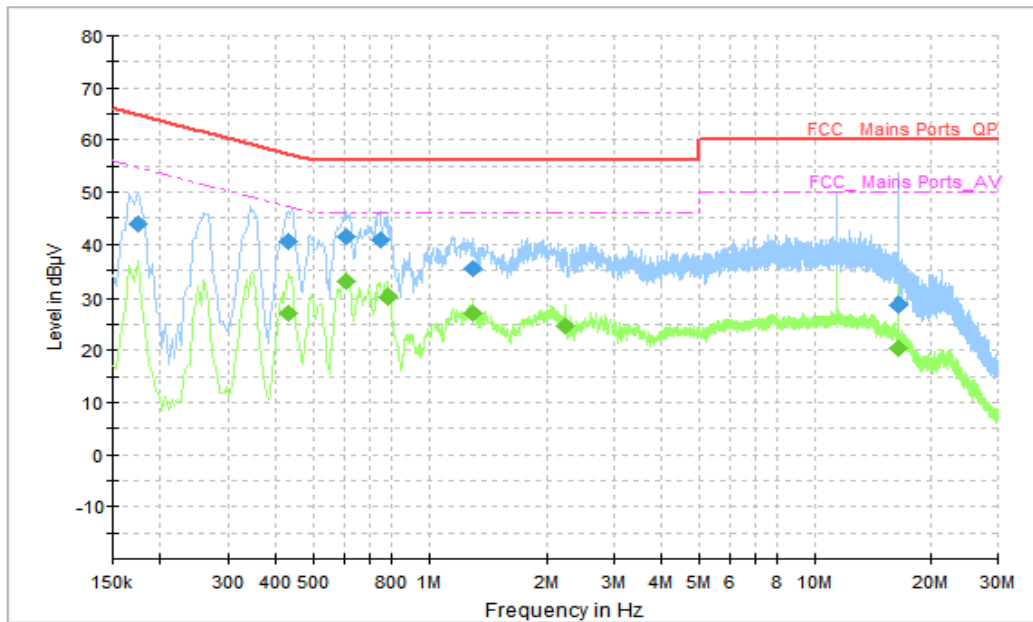


Figure A.2.17. Conducted Emission(Camera)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.174000	43.88	64.77	20.89	L1	10	33.88
0.430000	40.41	57.25	16.84	L1	10	30.41
0.606000	41.45	56.00	14.55	L1	10	31.45
0.746000	40.85	56.00	15.15	N	10	30.85
1.298000	35.37	56.00	20.63	L1	10	25.37
16.434000	28.61	60.00	31.39	L1	10	18.61

Final_Result_AVG

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.430000	26.97	47.25	20.28	L1	10	16.97
0.606000	32.92	46.00	13.08	L1	10	22.92
0.778000	30.25	46.00	15.75	L1	10	20.25
1.298000	27.08	46.00	18.92	L1	10	17.08
2.234000	24.70	46.00	21.30	L1	10	14.7
16.434000	20.42	50.00	29.58	L1	10	10.42

AC Input Port/ Voltage: 240V/60Hz

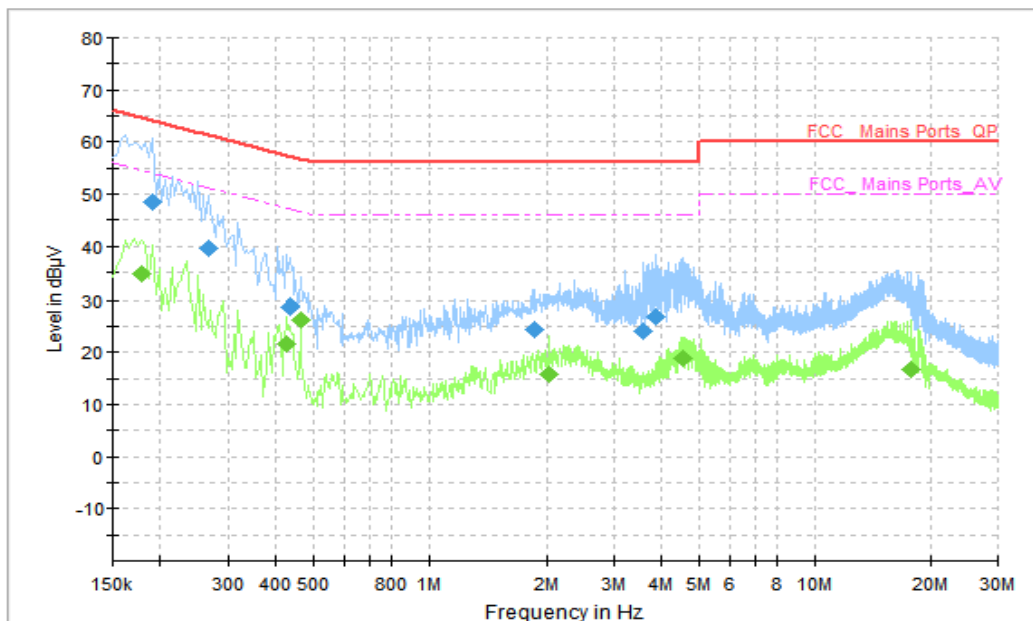


Figure A.2.18. Conducted Emission(Data Transfer)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.190000	48.47	64.04	15.57	N	10	38.47
0.266000	39.78	61.24	21.46	N	10	29.78
0.434000	28.48	57.18	28.70	N	10	18.48
1.870000	24.24	56.00	31.76	N	10	14.24
3.562000	23.89	56.00	32.11	L1	10	13.89
3.874000	26.77	56.00	29.23	L1	10	16.77

Final_Result_AVG

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.178000	34.69	54.58	19.89	N	10	24.69
0.426000	21.70	47.33	25.63	N	10	11.7
0.462000	26.13	46.66	20.53	L1	10	16.13
2.034000	15.89	46.00	30.11	L1	10	5.89
4.542000	18.91	46.00	27.09	N	10	8.91
17.838000	16.85	50.00	33.15	N	10	6.85

AC Input Port/ Voltage: 240V/60Hz

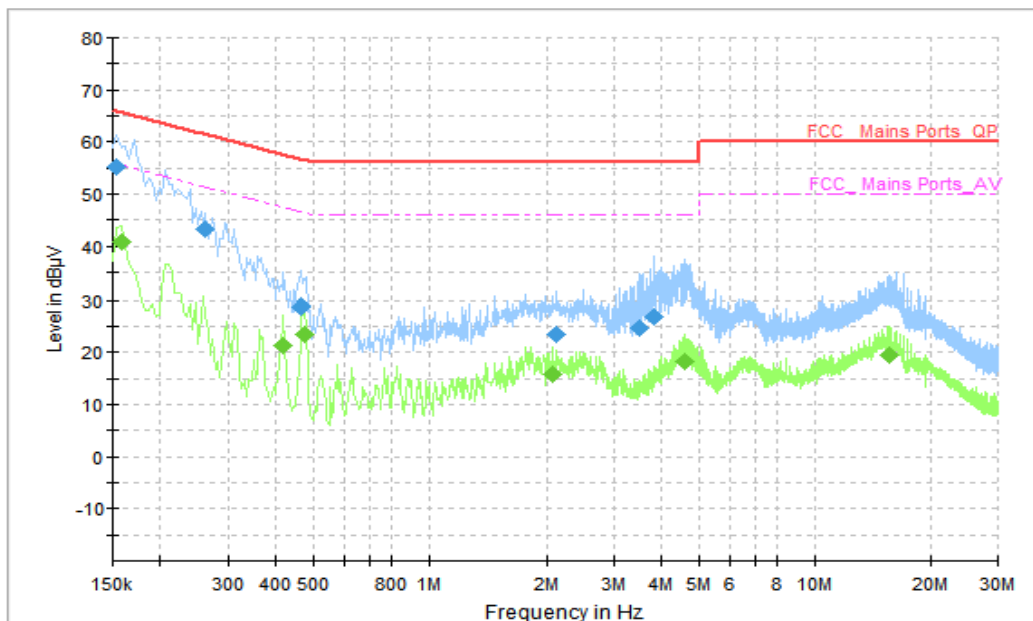


Figure A.2.19. Conducted Emission(Data Transfer)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.154000	55.33	65.78	10.46	N	10	45.33
0.262000	43.29	61.37	18.07	N	10	33.29
0.462000	28.71	56.66	27.95	N	10	18.71
2.114000	23.53	56.00	32.47	L1	10	13.53
3.510000	24.54	56.00	31.46	L1	10	14.54
3.818000	26.80	56.00	29.20	L1	10	16.80

Final_Result_AVG

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.158000	40.80	55.57	14.77	L1	10	30.80
0.418000	21.37	47.49	26.12	N	10	11.37
0.474000	23.49	46.44	22.95	L1	10	13.49
2.078000	15.67	46.00	30.33	N	10	5.67
4.606000	18.32	46.00	27.68	N	10	8.32
15.638000	19.48	50.00	30.52	N	11	8.48

AC Input Port/ Voltage: 240V/60Hz

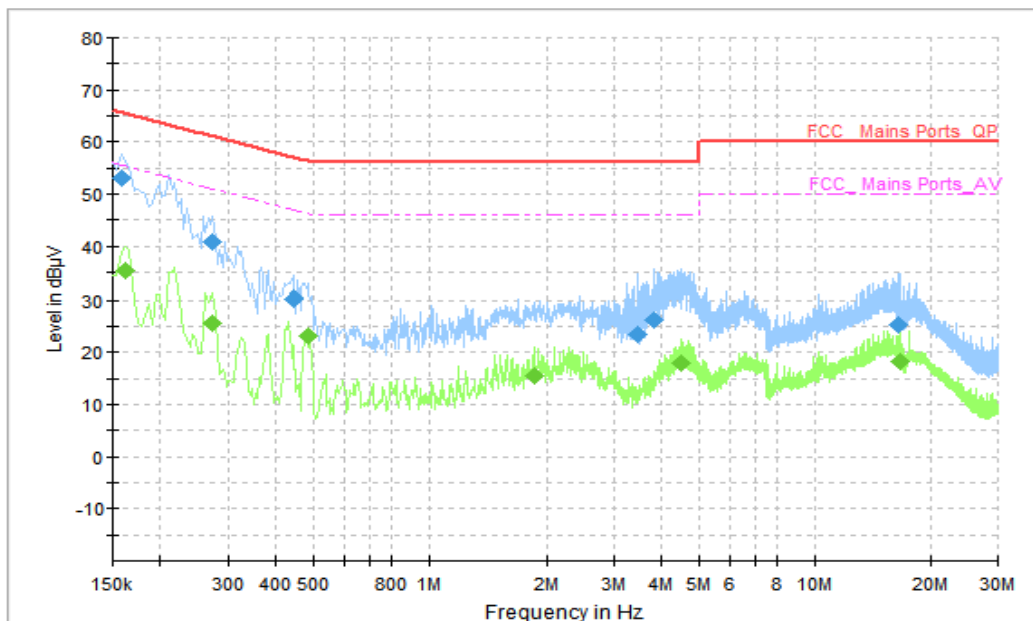


Figure A.2.20. Conducted Emission(Data Transfer)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.158000	53.09	65.57	12.48	N	10	43.09
0.274000	40.85	61.00	20.14	N	10	30.85
0.446000	30.06	56.95	26.89	L1	10	20.06
3.446000	23.32	56.00	32.68	L1	10	13.32
3.822000	26.18	56.00	29.82	L1	10	16.18
16.590000	25.40	60.00	34.60	L1	10	15.40

Final_Result_AVG

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.162000	35.29	55.36	20.07	N	10	25.29
0.274000	25.51	51.00	25.49	N	10	15.51
0.482000	23.25	46.31	23.06	L1	10	13.25
1.858000	15.33	46.00	30.67	N	10	5.33
4.498000	17.82	46.00	28.18	N	10	7.82
16.610000	18.30	50.00	31.70	L1	10	8.30

AC Input Port/ Voltage: 240V/60Hz

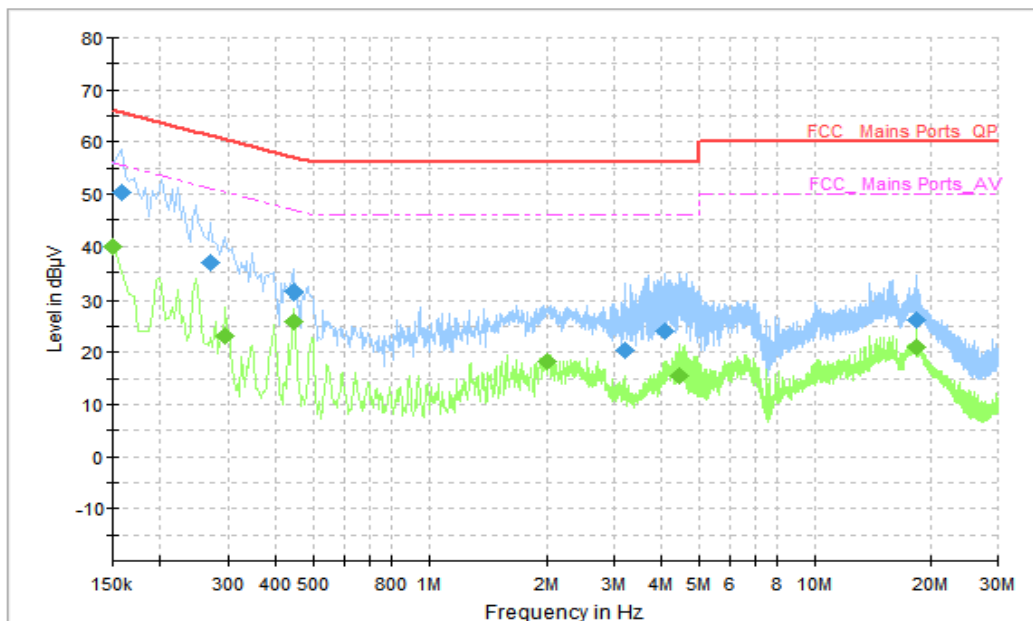


Figure A.2.21. Conducted Emission(Data Transfer)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.158000	50.24	65.57	15.33	L1	10	40.24
0.270000	37.01	61.12	24.10	N	10	27.01
0.442000	31.27	57.02	25.75	N	10	21.27
3.222000	20.24	56.00	35.76	L1	10	10.24
4.070000	24.11	56.00	31.89	L1	10	14.11
18.366000	26.05	60.00	33.95	N	11	15.05

Final_Result_AVG

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.150000	39.92	56.00	16.08	L1	10	29.92
0.294000	22.98	50.41	27.43	N	10	12.98
0.446000	25.82	46.95	21.13	L1	10	15.82
2.014000	18.20	46.00	27.80	N	10	8.20
4.442000	15.55	46.00	30.45	N	10	5.55
18.342000	20.92	50.00	29.08	N	11	9.92

AC Input Port/ Voltage: 240V/60Hz

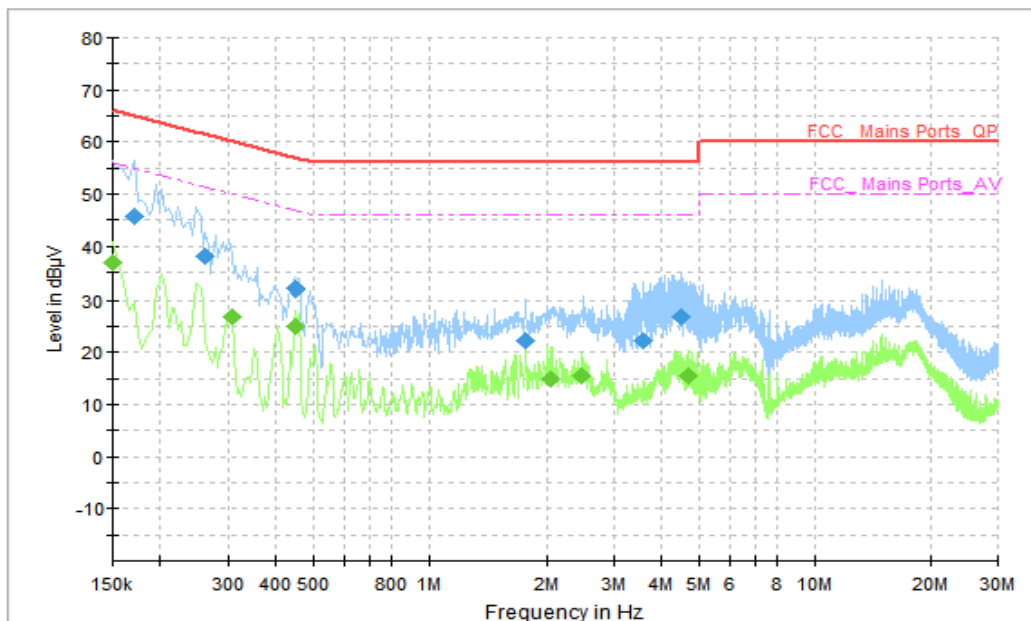


Figure A.2.22. Conducted Emission(Data Transfer)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.170000	45.64	64.96	19.32	N	10	35.64
0.262000	38.13	61.37	23.24	N	10	28.13
0.450000	32.07	56.88	24.81	N	10	22.07
1.762000	22.25	56.00	33.75	N	10	12.25
3.554000	22.18	56.00	33.82	L1	10	12.18
4.486000	26.91	56.00	29.09	N	10	16.91

Final_Result_AVG

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.150000	37.01	56.00	18.99	L1	10	27.01
0.306000	26.84	50.08	23.24	L1	10	16.84
0.450000	25.09	46.88	21.78	N	10	15.09
2.062000	14.88	46.00	31.12	N	10	4.88
2.466000	15.50	46.00	30.50	N	10	5.5
4.674000	15.35	46.00	30.65	N	10	5.35

***END OF REPORT**