TEST REPORT

No.I22N01222-EMC

for

TCL Communication Ltd.

GSM/UMTS/LTE/NR mobile phone

Model Name：T771A

With

Hardware Version: 05

Software Version:HR1J-3

FCC ID:2ACCJH169

Issued Date: 2022-09-27

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
I22N01222-EMC	Rev.0	1st edition	2022-09-27

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

CONTENTS

1. SUMMARY OF TEST REPORT

1.1. Test Items

Description	GSM/UMTS/LTE/NR mobile phone
Model Name	T771A
Applicant's name	TCL Communication Ltd.
Manufacturer's Name	TCL Communication 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: 2022-09-01 Testing End Date: 2022-09-25

1.6. Signature

Liang Yong
(Prepared this test report)

Zhang Yunzhuan
(Reviewed this test report)

Cao Junfei
(Approved this test report)

2. CLIENT INFORMATION

2.1. Applicant Information

Company Name:	TCL Communication Ltd.
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2.2. Manufacturer Information

Company Name:	TCL Communication Ltd.
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3. EQUIPMENT UNDER TEST (EUT) AND ANCILLARY EQUIPMENT (AE)

3.1. About EUT

Description	GSM/UMTS/LTE/NR mobile phone
Model Name	T771A
FCC ID	2ACCJH169
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
UT01aa	353380540006466	05	HR1J-3	2022-08-26
UT05aa	353380540006441	05	HR1J-3	2022-08-26

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

3.3. Internal Identification of AE

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

AE1-1

Model	TLp048A7
Manufacturer	NINGBO VEKEN BATTERY CO., LTD
Capacity	Min4850mAh/typ 5000mAh
Nominal Voltage	3.85 V

AE1-2

Model	TLp048A1
Manufacturer	Shenzhen BYD lithium BATTERY CO., LTD
Capacity	Min4850mAh/typ 5000mAh
Nominal Voltage	3.85 V

AE2-1

Model	UC13US
Manufacturer	HUIZHOU PUAN ELECTRONICS CO.,LTD

AE2-2

Model	UC13US
Manufacturer	Huizhou BYD ELECTRON CO.,LTD

AE3-1

Model	CDA0000123C2

Manufacturer	HUIZHOU SHENGHUA ELECTRONICS CO.,LTD

AE3-2

Model	CDA0000123C1
Manufacturer	DJUWEI ELECTRONICS CO.,LTD

AE4-1

Model	CCB0049A12C1
Manufacturer	JUWEI ELECTRONICS CO.,LTD

AE4-2

Model	CCB0077B10C1
Manufacturer	JUWEI ELECTRONICS CO.,LTD

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

AE: ancillary equipment

3.4. EUT Set-ups

EUT set-up No.	Combination of EUT and AE	Remarks
Set.1	EUT+AE1-1+AE2-1+AE3-1+AE4-1	
Set.2	EUT+AE1-1+AE2-2+AE3-2+AE4-2	
Set.3	EUT+AE1-1+AE3-1+AE4-1+PC	
Set.4	EUT+AE1-1+AE3-2+AE4-2+PC	

3.5. General Description

The Equipment Under Test (EUT) is a model of GSM/UMTS/LTE/NR mobile phone with internal antenna.

It supports GSM 850/900/1800/1900MHz, WCDMA Bands 1/2/4/5/8, LTE Bands 1/2/3/4/5/6/7/8/12/13/17/20/25/26/28/38/40/41/42/48/66 and EN-DC Bands DC_2A_n7/DC_28A_n7/DC_66A_n7/DC_7A_n28/DC_2A_n66/DC_12A_n66/DC_28A_n66/DC_2A_n78/DC_7A_n78/DC_28A_n78/DC_38A_n78/DC_66A_n78.

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

It consists of normal options: Battery, Charger, USB Cable and 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 1 did not exceed following limits along the EMC testing:
9.10m×6.10m×5.60m (L×W×H)

Temperature	Min. = 15 ℃, Max. = 35 ℃
Relative humidity	Min. = 20 %, Max. = 75 %
Shielding effectiveness	0.014MHz-1MHz> 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 ℃, Max. = 35 ℃
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℃
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	2022.11.24	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.	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.	Universal Radio Communication Tester	MT8821C	Anritsu	6262025268	2023.03.07	1 year
12.	Universal Radio Communication Tester	MT8000A	Anritsu	6261987936	2023.03.15	1 year
13.	Horn Antenna	QSH-SL-18-26-S-20	17013	Q-par	2023.01.06	3 years
14.	Horn Antenna	QSH-SL-8-26-40-K-20	17014	Q-par	2023.01.06	3 years
15.	Signal Generator	SMB100A	179725	R&S	2022.11.24	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.

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

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

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

GSM receiver: The EUT is connected to a charger for charging. The EUT is synchronized to 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, 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 (μV/m)		
	Quasi-peak	Average	Peak
30-88	100		
88-216	150		
216-960	200		
960-1000	500		
>1000		500	5000

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

A.1.4 Test Condition

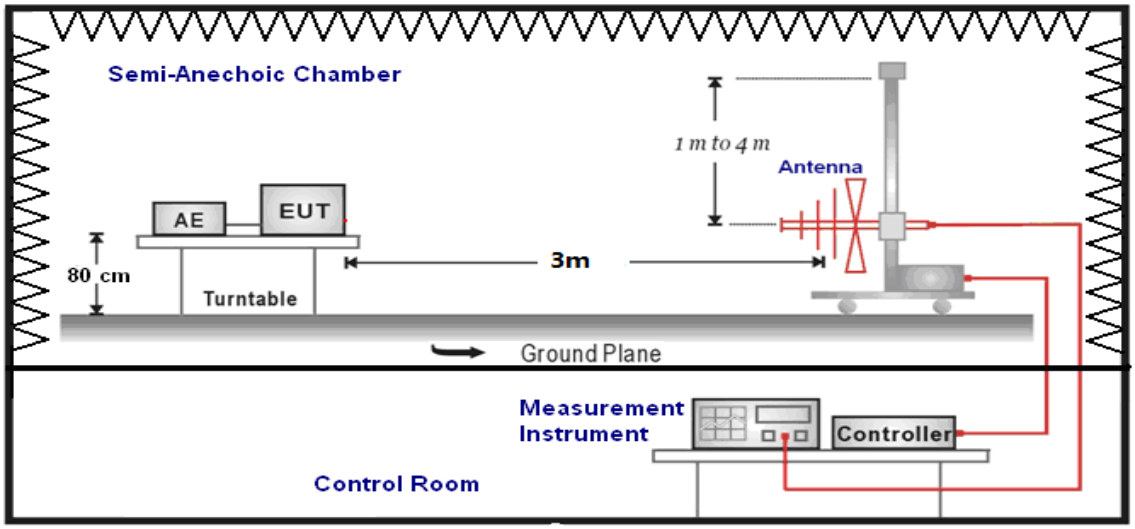
Frequency of emission (MHz)	RBW/VBW	Sweep Time(s)
30-1000	120kHz (IF bandwidth)	5
Above 1000	1MHz/3MHz	15

A.1.5 Test power supply

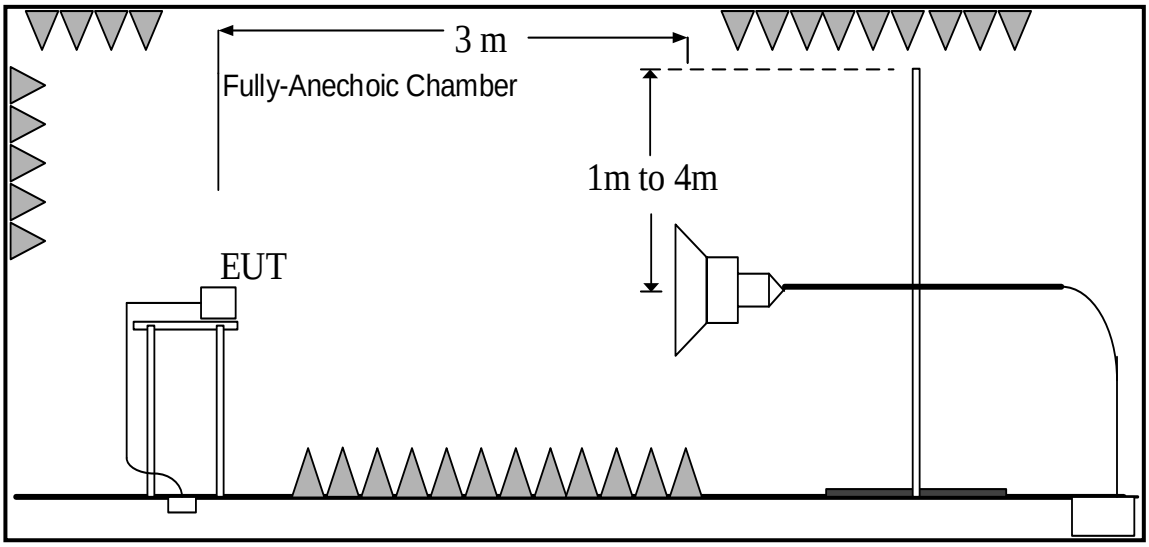
Power	Voltage（V）
DC	13.6

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:

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

Where

G_A: Antenna factor of receive antenna

G_{PL}:PathLoss

P_{Mea}: Measurement result on receiver.

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

Note: the result contains vertical part and Horizontal part

Camera

Frequency range (MHz)	Quasi-Peak Limit (dBμV/m)	Result (dBμV/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 (dBμV/m)	Peak Limit (dBμV/m)	Result (dBμV/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 (dBμV/m)	Result (dBμV/m) UT05aa/Set.1	Conclusion
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 (dBμV/m)	Peak Limit (dBμV/m)	Result (dBμV/m) UT05aa/Set.1	Conclusion
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 (dBμV/m)	Result (dBμV/m) UT05aa/Set.1	Conclusion
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 (dBμV/m)	Peak Limit (dBμV/m)	Result (dBμV/m) UT05aa/Set.1	Conclusion
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 (dBμV/m)	Result (dBμV/m) UT05aa/Set.1	Conclusion
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 (dBμV/m)	Peak Limit (dBμV/m)	Result (dBμV/m) UT05aa/Set.1	Conclusion
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 (dBμV/m)	Result (dBμV/m) UT05aa/Set.1	Conclusion
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 (dBμV/m)	Peak Limit (dBμV/m)	Result (dBμV/m) UT05aa/Set.1	Conclusion
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 (dBμV/m)	Result (dBμV/m) UT05aa/Set.1	Conclusion
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 (dBμV/m)	Peak Limit (dBμV/m)	Result (dBμV/m) UT05aa/Set.1	Conclusion
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 (dBμV/m)	Result (dBμV/m) UT05aa/Set.1	Conclusion
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 (dBμV/m)	Peak Limit (dBμV/m)	Result (dBμV/m) UT05aa/Set.1	Conclusion
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 (dBμV/m)	Result (dBμV/m) UT05aa/Set.1	Conclusion
30-88	40.00	See Figure A.1.29.	P
88-216	43.52		
216-960	46.02		
960-1000	54.00		

Frequency range (MHz)	Average Limit (dBμV/m)	Peak Limit (dBμV/m)	Result (dBμV/m) UT05aa/Set.1	Conclusion
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 (dBμV/m)	Result (dBμV/m) UT05aa/Set.1	Conclusion
30-88	40.00	See Figure A.1.33.	P
88-216	43.52		
216-960	46.02		
960-1000	54.00		

Frequency range (MHz)	Average Limit (dBμV/m)	Peak Limit (dBμV/m)	Result (dBμV/m) UT05aa/Set.1	Conclusion
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.	

FM receiver

Frequency range (MHz)	Quasi-Peak Limit (dBμV/m)	Result (dBμV/m) UT05aa/Set.1	Conclusion
30-88	40.00	See Figure A.1.37.	P
88-216	43.52		
216-960	46.02		
960-1000	54.00		

Frequency range (MHz)	Average Limit (dBμV/m)	Peak Limit (dBμV/m)	Result (dBμV/m) UT05aa/Set.1	Conclusion
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.	

Camera

Frequency range (MHz)	Quasi-Peak Limit (dBμV/m)	Result (dBμV/m) UT05aa/Set.2	Conclusion
30-88	40.00	See Figure A.1.41.	P
88-216	43.52		
216-960	46.02		
960-1000	54.00		

Frequency range (MHz)	Average Limit (dBμV/m)	Peak Limit (dBμV/m)	Result (dBμV/m) UT05aa/Set.2	Conclusion
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.	

Data Transfer: PC TO EUT

Frequency range (MHz)	Quasi-Peak Limit (dBμV/m)	Result (dBμV/m) UT05aa/Set.3	Conclusion
30-88	40.00	See Figure A.1.45.	P
88-216	43.52		
216-960	46.02		
960-1000	54.00		

Frequency range (MHz)	Average Limit (dBμV/m)	Peak Limit (dBμV/m)	Result (dBμV/m) UT05aa/Set.3	Conclusion
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.	

Data Transfer: EUT TO PC

Frequency range (MHz)	Quasi-Peak Limit (dBμV/m)	Result (dBμV/m) UT05aa/Set.3	Conclusion
30-88	40.00	See Figure A.1.49.	P
88-216	43.52		
216-960	46.02		
960-1000	54.00		

Frequency range (MHz)	Average Limit (dBμV/m)	Peak Limit (dBμV/m)	Result (dBμV/m) UT05aa/Set.3	Conclusion
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.	

Data Transfer: PC TO TF Card

Frequency range (MHz)	Quasi-Peak Limit (dBμV/m)	Result (dBμV/m) UT05aa/Set.3	Conclusion
30-88	40.00	See Figure A.1.53.	P
88-216	43.52		
216-960	46.02		
960-1000	54.00		

Frequency range (MHz)	Average Limit (dBμV/m)	Peak Limit (dBμV/m)	Result (dBμV/m) UT05aa/Set.3	Conclusion
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.	

Data Transfer: TF Card TO PC

Frequency range (MHz)	Quasi-Peak Limit (dBμV/m)	Result (dBμV/m) UT05aa/Set.3	Conclusion
30-88	40.00	See Figure A.1.57.	P
88-216	43.52		
216-960	46.02		
960-1000	54.00		

Frequency range (MHz)	Average Limit (dBμV/m)	Peak Limit (dBμV/m)	Result (dBμV/m) UT05aa/Set.3	Conclusion
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.	

Data Transfer: EUT TO PC

Frequency range (MHz)	Quasi-Peak Limit (dBμV/m)	Result (dBμV/m) UT05aa/Set.4	Conclusion
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 (dBμV/m)	Peak Limit (dBμV/m)	Result (dBμV/m) UT05aa/Set.4	Conclusion
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.	

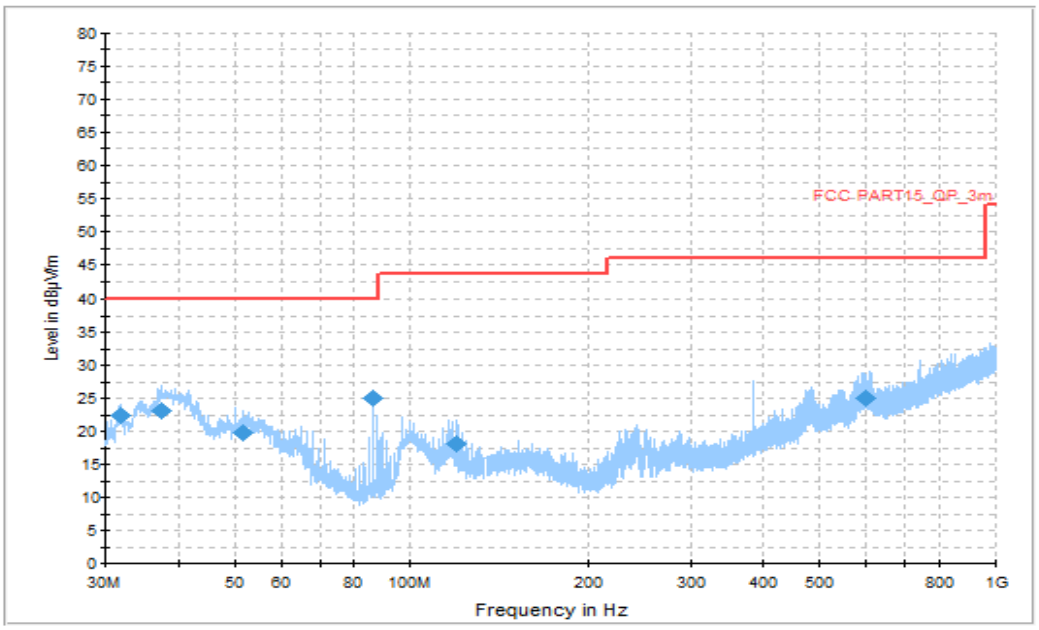


Figure A.1.1. Radiated Emission (Camera , 30MHz to 1GHz)

Final_Results

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	ARpl (dB/m)	P_{Mea} (dBµV)
31.843000	22.44	40.00	17.56	V	-23.52	45.96
37.372000	23.08	40.00	16.92	V	-22.49	45.57
51.485500	19.70	40.00	20.30	V	-22.33	42.03
86.357000	24.96	40.00	15.04	V	-26.80	51.76
119.676500	18.11	43.50	25.39	V	-24.17	42.28
596.819500	25.00	46.00	21.00	V	-15.06	40.06

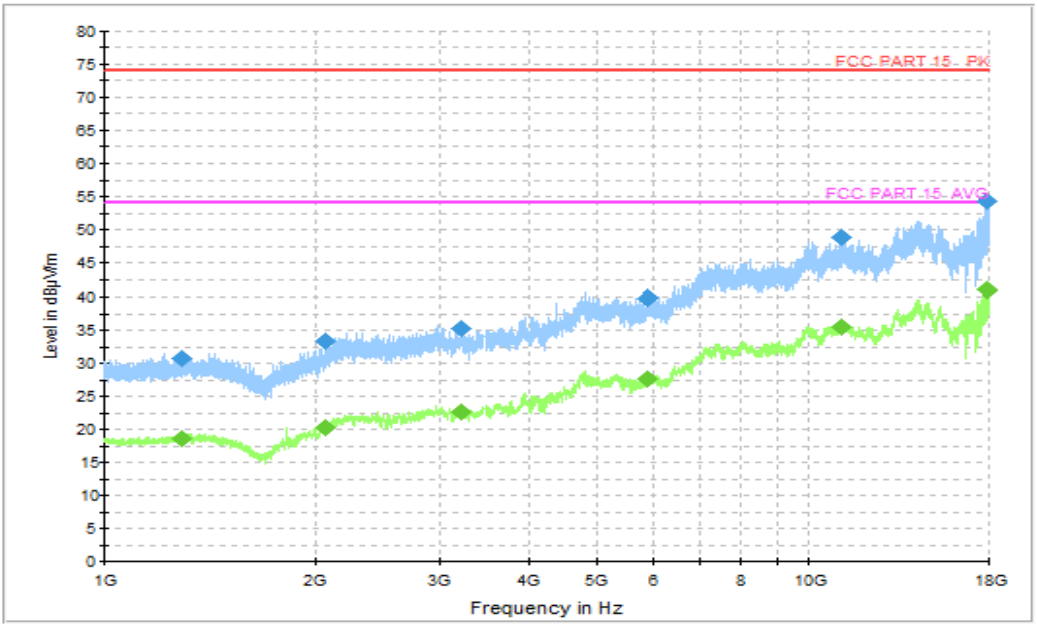


Figure A.1.2. Radiated Emission (Camera , 1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P_{Mea} (dBµV)
1290.600000	30.63	74.00	43.37	H	-20.12	50.75
2062.800000	33.28	74.00	40.72	H	-17.39	50.67
3228.000000	35.29	74.00	38.71	H	-13.73	49.02
5872.000000	39.72	74.00	34.28	V	-6.03	45.75
11103.500000	48.74	74.00	25.26	H	2.54	46.2
17883.600000	54.36	74.00	19.64	H	12.31	42.05

Final_Results_AVG

Frequency(MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P_{Mea} (dBµV)
1290.600000	18.46	54.00	35.54	H	-20.12	38.58
2062.800000	20.28	54.00	33.72	H	-17.39	37.67
3228.000000	22.73	54.00	31.27	H	-13.73	36.46
5872.000000	27.64	54.00	26.36	V	-6.03	33.67
11103.500000	35.50	54.00	18.50	H	2.54	32.96
17883.600000	41.06	54.00	12.94	H	12.31	28.75

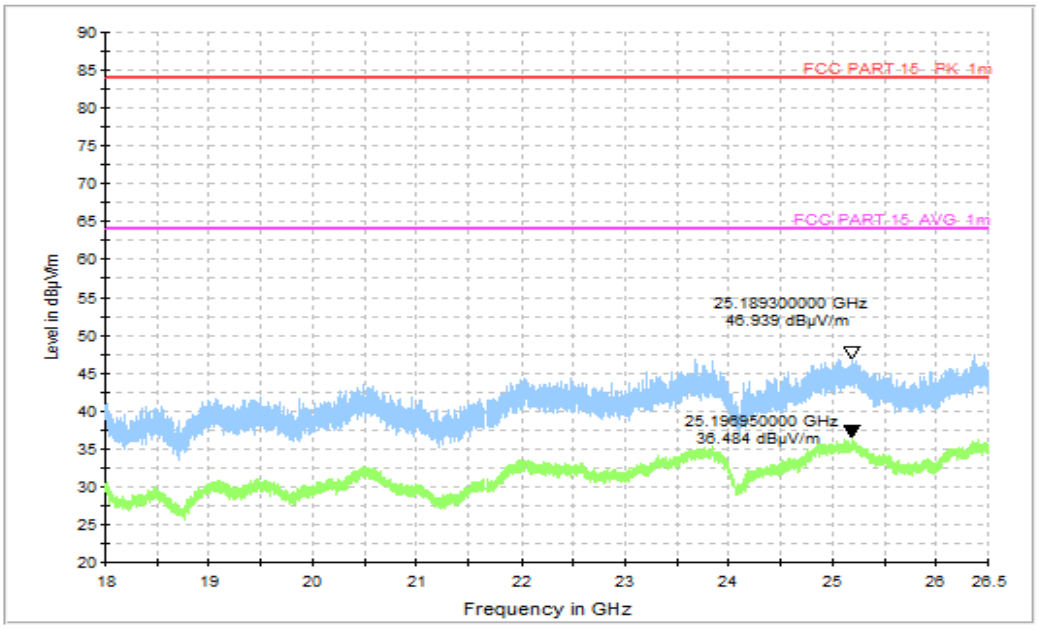


Figure A.1.3. Radiated Emission (Camera , 18GHz to 26.5GHz)

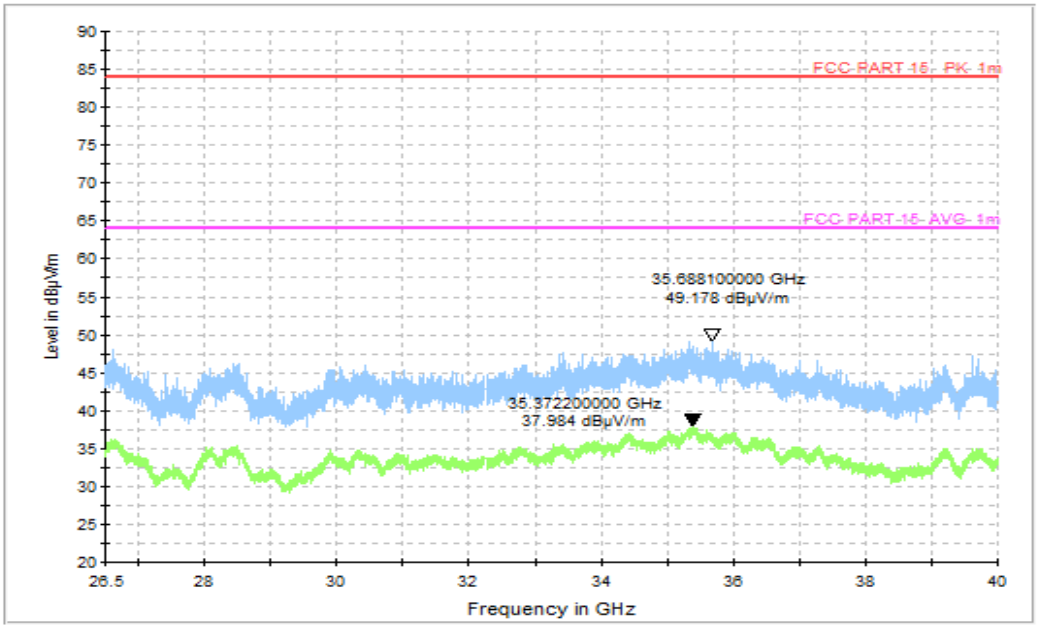


Figure A.1.4. Radiated Emission (Camera , 26.5GHz to 40GHz)

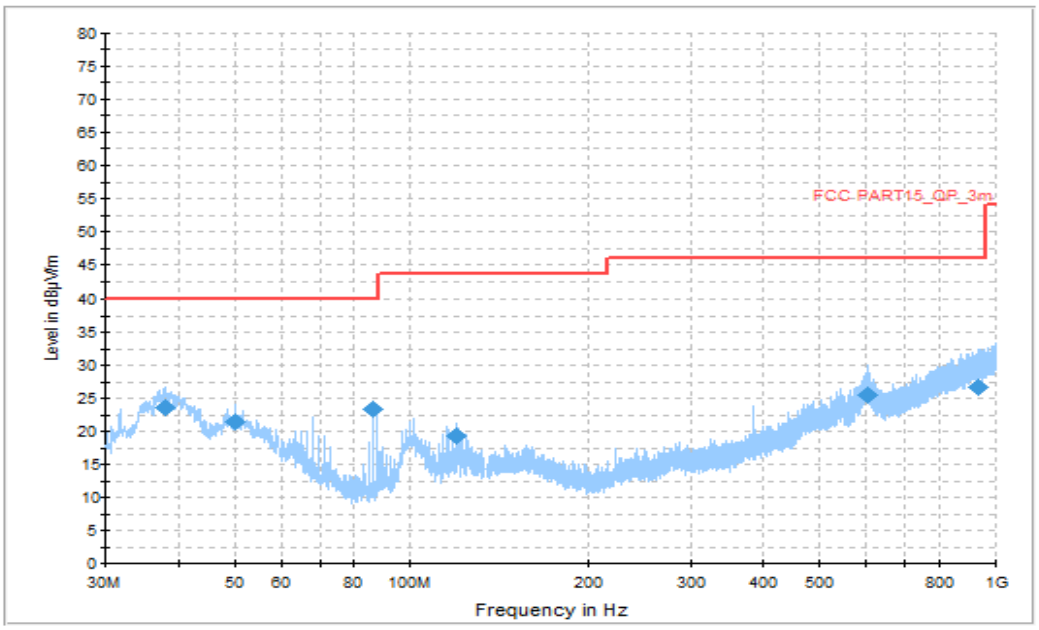


Figure A.1.5. Radiated Emission (Video Player , 30MHz to 1GHz)

Final_Results

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	ARpl (dB/m)	P_{Mea} (dBµV)
37.905500	23.65	40.00	16.35	H	-22.36	46.01
49.982000	21.37	40.00	18.63	H	-22.20	43.57
86.357000	23.29	40.00	16.71	V	-26.80	50.09
119.725000	19.37	43.50	24.17	V	-24.17	43.54
602.542500	25.50	46.00	20.50	V	-14.97	40.47
934.767500	26.65	46.00	19.35	H	-9.08	35.73

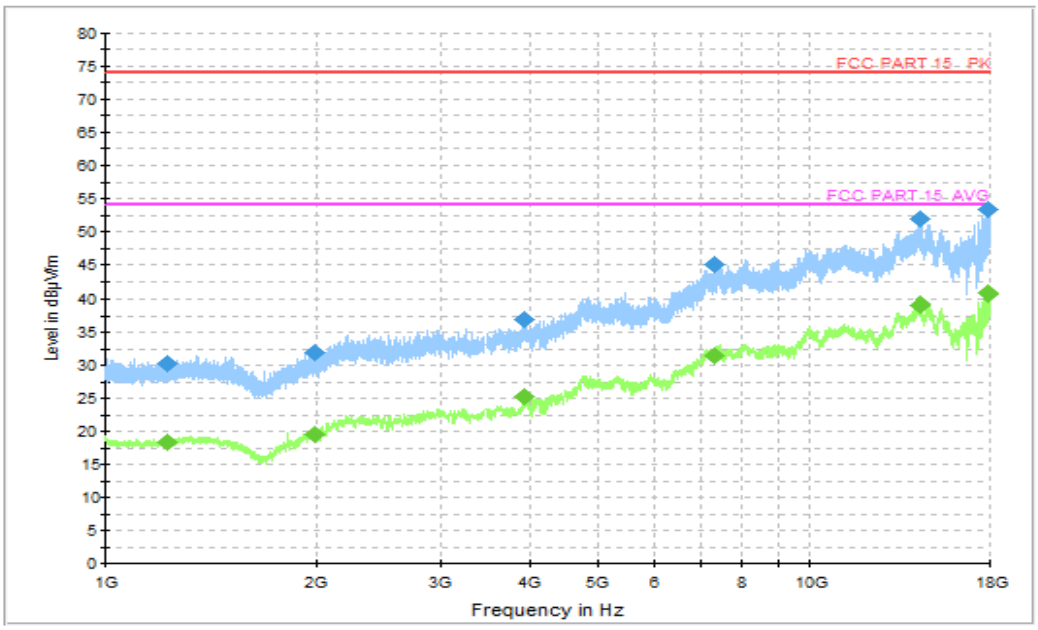


Figure A.1.6. Radiated Emission (Video Player , 1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P_{Mea} (dBµV)
1225.000000	30.26	74.00	43.74	H	-20.56	50.82
1990.600000	31.79	74.00	42.21	V	-18.28	50.07
3918.400000	36.79	74.00	37.21	H	-10.69	47.48
7301.600000	45.06	74.00	28.94	V	-1.06	46.12
14317.000000	51.90	74.00	22.10	H	6.62	45.28
17851.600000	53.40	74.00	20.60	H	12.15	41.25

Final_Results_AVG

Frequency(MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P_{Mea} (dBµV)
1225.000000	18.23	54.00	35.77	H	-20.56	38.79
1990.600000	19.50	54.00	34.50	V	-18.28	37.78
3918.400000	25.15	54.00	28.85	H	-10.69	35.84
7301.600000	31.46	54.00	22.54	V	-1.06	32.52
14317.000000	39.11	54.00	14.89	H	6.62	32.49
17851.600000	40.73	54.00	13.27	H	12.15	28.58

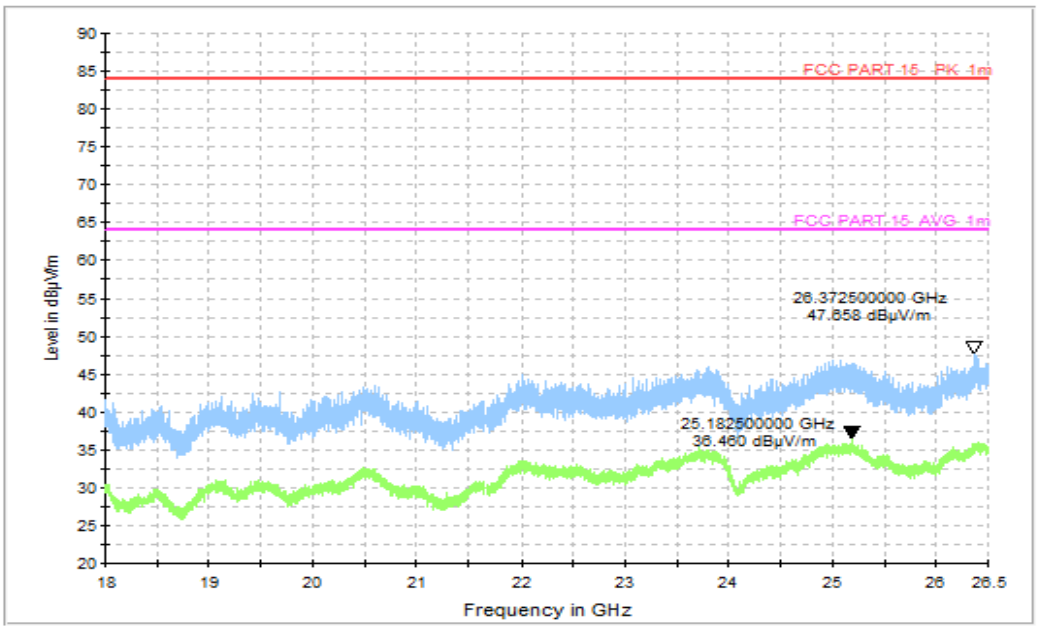


Figure A.1.7. Radiated Emission (Video Player , 18GHz to 26.5GHz)

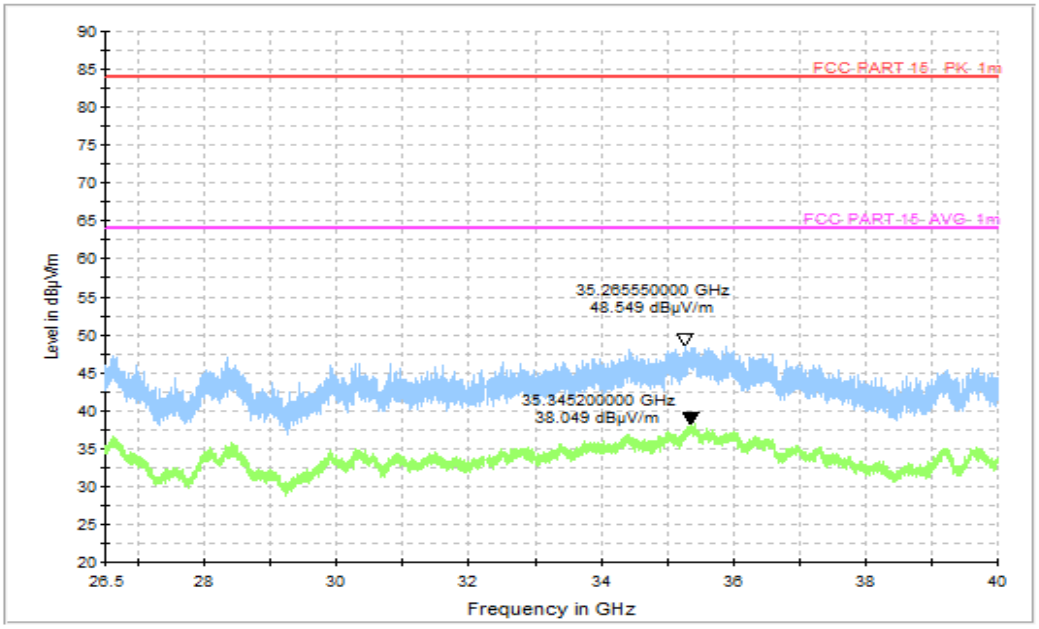


Figure A.1.8. Radiated Emission (Video Player , 26.5GHz to 40GHz)

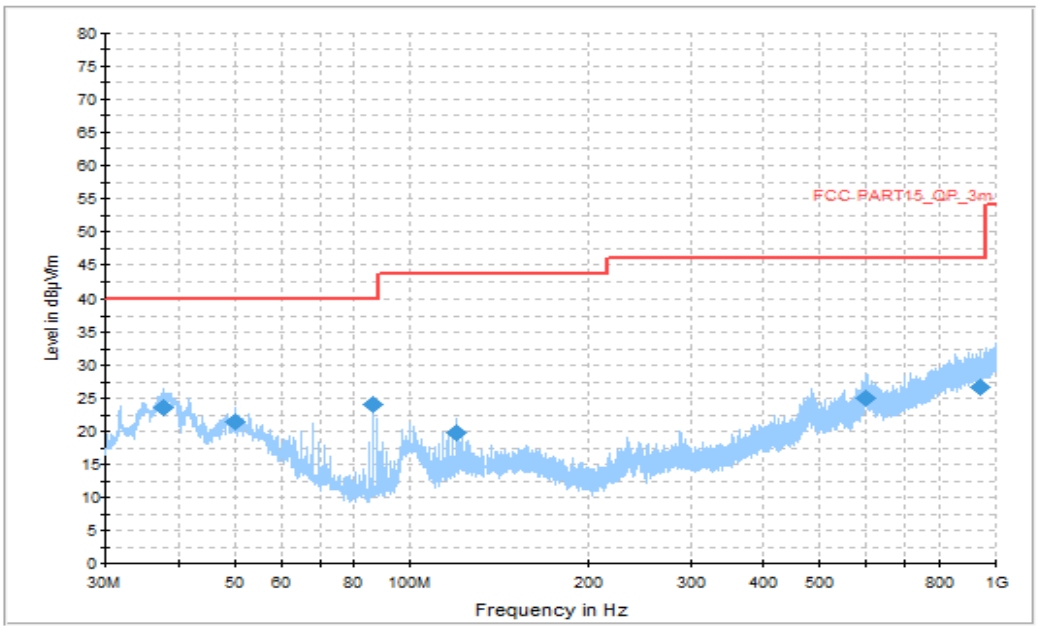


Figure A.1.9. Radiated Emission (GSM receiver 850MHz, 30MHz to 1GHz)

Final_Results

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	ARpl (dB/m)	P_{Mea} (dBµV)
37.760000	23.68	40.00	16.32	H	-22.39	46.07
49.982000	21.31	40.00	18.69	V	-22.20	43.51
86.357000	23.98	40.00	16.02	V	-26.80	50.78
119.725000	19.71	43.50	23.79	V	-24.17	43.88
599.002000	25.09	46.00	20.91	V	-15.03	40.12
943.400500	26.73	46.00	19.27	H	-8.94	35.67

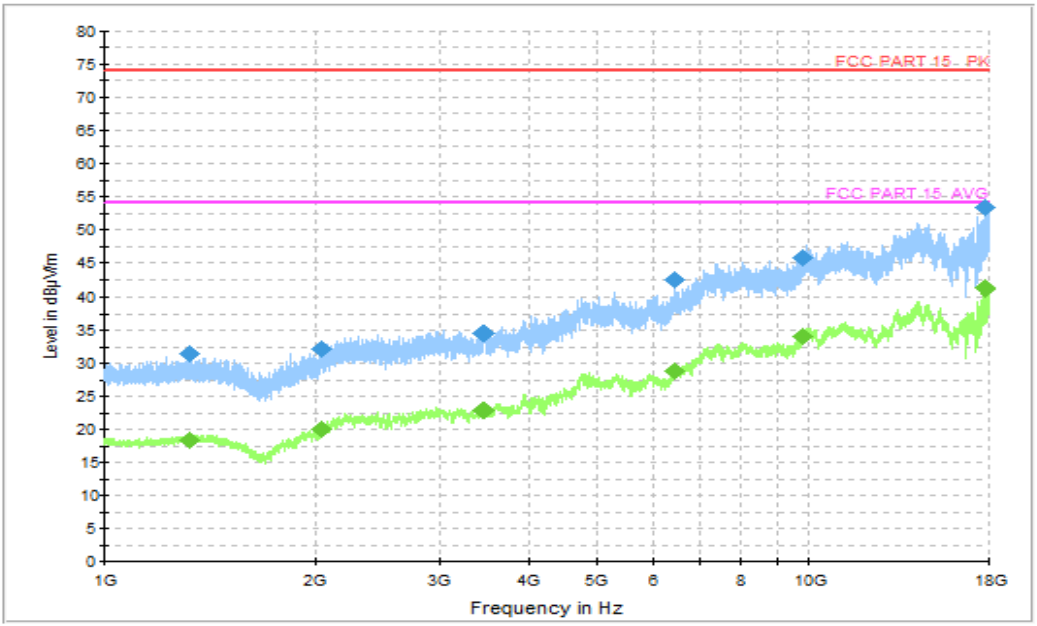


Figure A.1.10. Radiated Emission (GSM receiver 850MHz , 1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P_{Mea} (dBµV)
1325.400000	31.48	74.00	42.52	H	-19.92	51.40
2037.600000	32.03	74.00	41.97	H	-17.72	49.75
3456.800000	34.50	74.00	39.50	H	-13.69	48.19
6438.400000	42.36	74.00	31.64	V	-4.12	46.48
9792.000000	45.71	74.00	28.29	V	0.80	44.91
17778.400000	53.24	74.00	20.76	H	11.77	41.47

Final_Results_AVG

Frequency(MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P_{Mea} (dBµV)
1325.400000	18.44	54.00	35.56	H	-19.92	38.36
2037.600000	20.09	54.00	33.91	H	-17.72	37.81
3456.800000	22.89	54.00	31.11	H	-13.69	36.58
6438.400000	28.92	54.00	25.08	V	-4.12	33.04
9792.000000	33.99	54.00	20.01	V	0.80	33.19
17778.400000	41.28	54.00	12.72	H	11.77	29.51

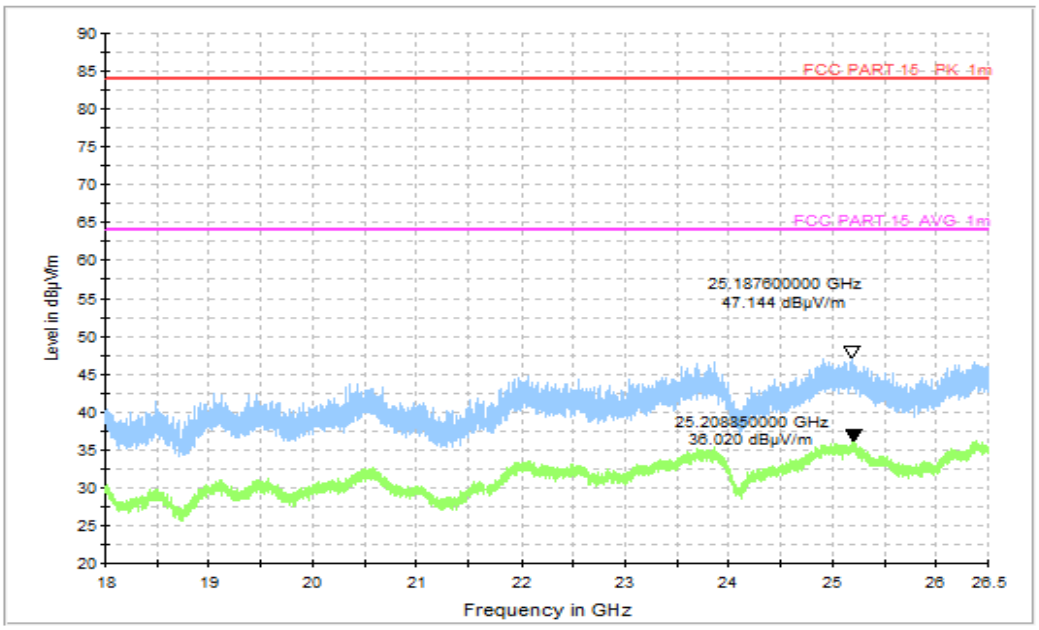


Figure A.1.11. Radiated Emission (GSM receiver 850MHz, 18GHz to 26.5GHz)

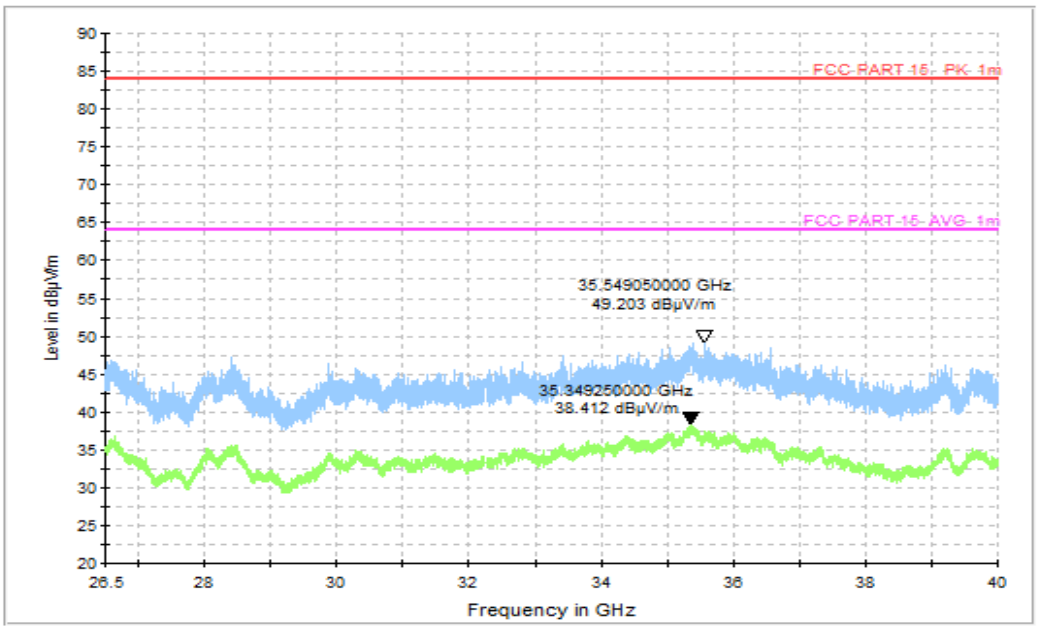


Figure A.1.12. Radiated Emission (GSM receiver 850MHz , 26.5GHz to 40GHz)

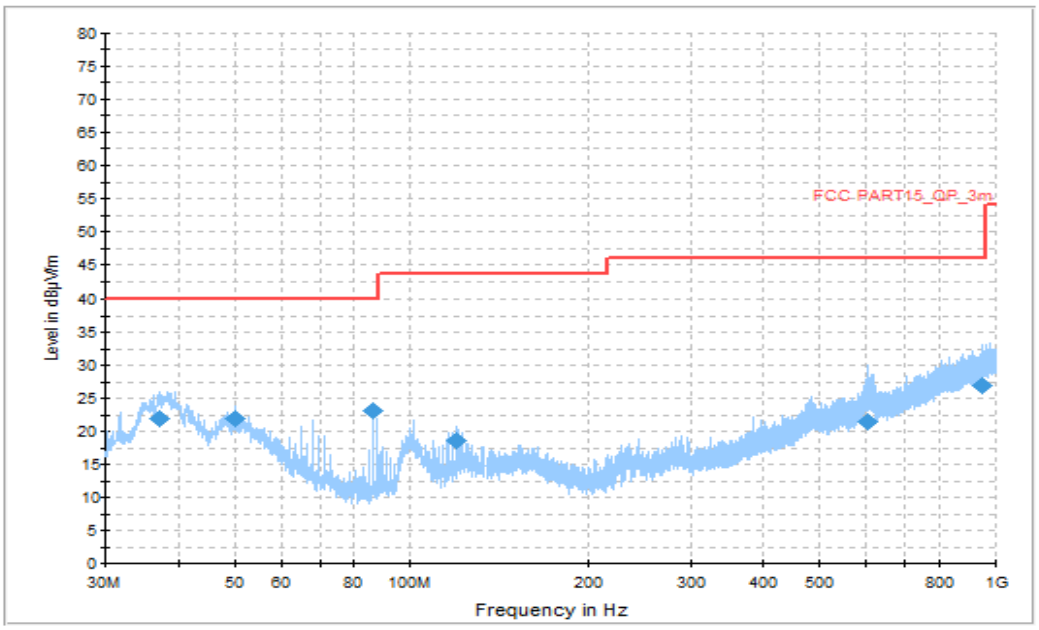


Figure A.1.13. Radiated Emission (WCDMA receiver Band 5, 30MHz to 1GHz)

Final_Results

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	ARpl (dB/m)	P_{Mea} (dBµV)
37.226500	21.80	40.00	18.20	V	-22.53	44.33
50.030500	21.81	40.00	18.19	V	-22.21	44.02
86.357000	23.05	40.00	16.95	V	-26.80	49.85
119.676500	18.66	43.50	24.84	V	-24.17	42.83
603.803500	21.41	46.00	24.59	V	-14.95	36.36
949.026500	26.83	46.00	19.17	H	-8.81	35.64

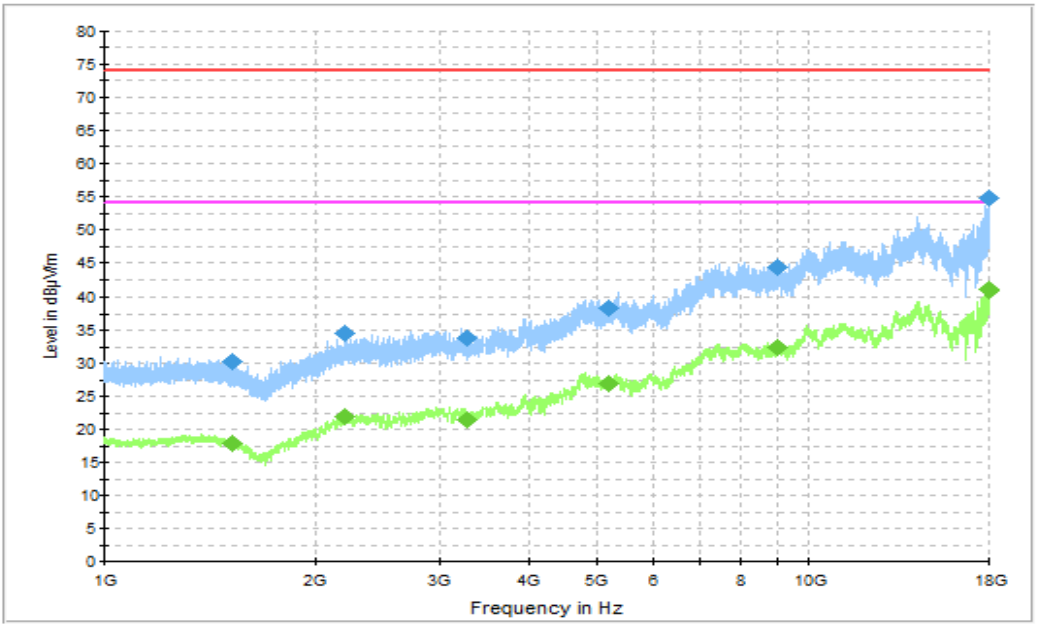


Figure A.1.14. Radiated Emission (WCDMA receiver Band 5, 1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P_{Mea} (dBµV)
1522.600000	30.16	74.00	43.84	H	-19.92	50.08
2194.000000	34.46	74.00	39.54	V	-16.03	50.49
3276.800000	33.90	74.00	40.10	H	-14.11	48.01
5197.600000	38.26	74.00	35.74	H	-7.31	45.57
8980.000000	44.25	74.00	29.75	V	-0.80	45.05
17948.000000	54.71	74.00	19.29	V	12.64	42.07

Final_Results_AVG

Frequency(MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P_{Mea} (dBµV)
1522.600000	17.76	54.00	36.24	H	-19.92	37.68
2194.000000	22.00	54.00	32.00	V	-16.03	38.03
3276.800000	21.49	54.00	32.51	H	-14.11	35.60
5197.600000	26.99	54.00	27.01	H	-7.31	34.30
8980.000000	32.33	54.00	21.67	V	-0.80	33.13
17948.000000	40.95	54.00	13.05	V	12.64	28.31

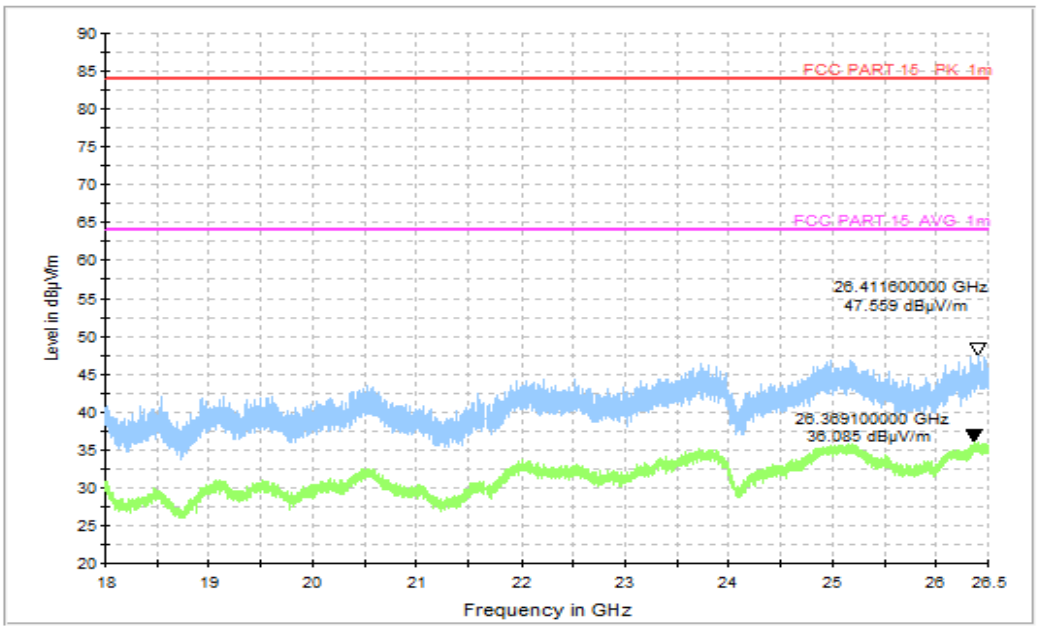


Figure A.1.15. Radiated Emission (WCDMA receiver Band 5, 18GHz to 26.5GHz)

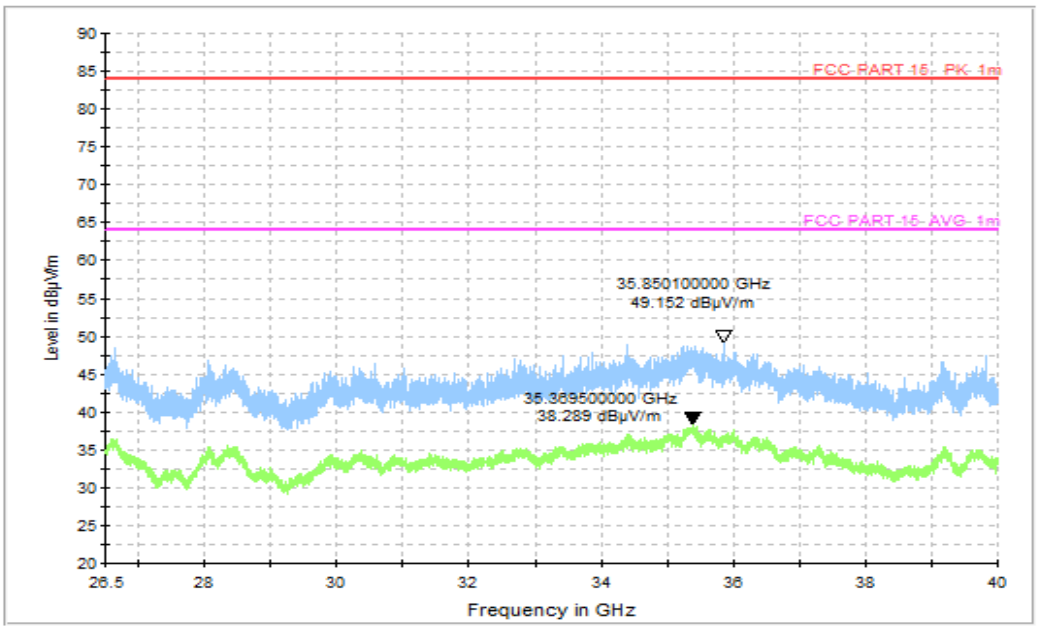


Figure A.1.16. Radiated Emission (WCDMA receiver Band 5, 26.5GHz to 40GHz)

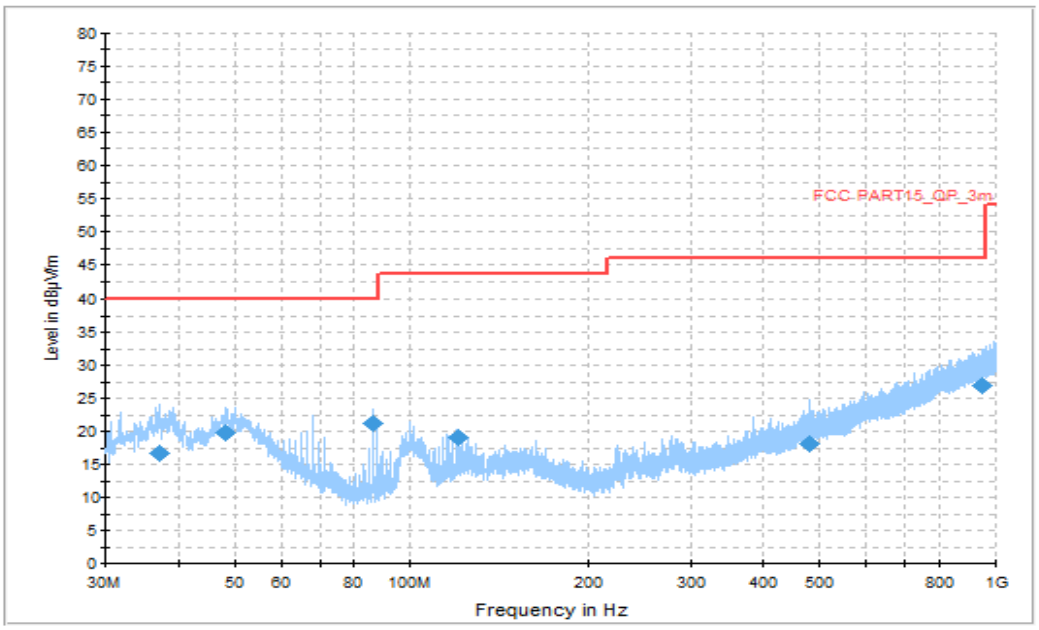


Figure A.1.17. Radiated Emission (LTE receiver Band 5, 30MHz to 1GHz)

Final_Results

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	ARpl (dB/m)	P_{Mea} (dBµV)
37.081000	16.62	40.00	23.38	V	-22.57	39.19
48.090500	19.87	40.00	20.13	V	-22.13	42
86.308500	21.10	40.00	18.90	V	-26.80	47.90
121.228500	18.97	43.50	24.53	V	-24.06	43.03
479.789000	18.07	46.00	27.93	H	-17.39	35.46
948.784000	26.83	46.00	19.17	V	-8.81	35.64

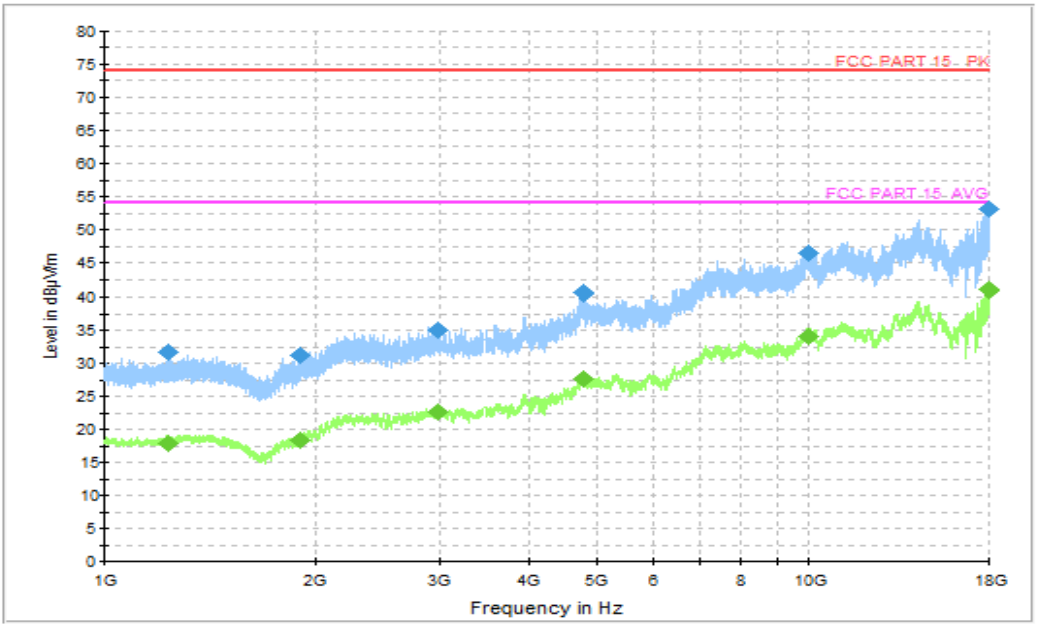


Figure A.1.18. Radiated Emission (LTE receiver Band 5, 1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P_{Mea} (dBµV)
1229.400000	31.61	74.00	42.39	V	-20.52	52.13
1899.800000	31.11	74.00	42.89	H	-18.75	49.86
2975.000000	35.02	74.00	38.98	V	-14.32	49.34
4756.800000	40.38	74.00	33.62	V	-6.97	47.35
9993.600000	46.54	74.00	27.46	H	1.88	44.66
17943.600000	53.08	74.00	20.92	H	12.62	40.46

Final_Results_AVG

Frequency(MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P_{Mea} (dBµV)
1229.400000	17.84	54.00	36.16	V	-20.52	38.36
1899.800000	18.39	54.00	35.61	H	-18.75	37.14
2975.000000	22.68	54.00	31.32	V	-14.32	37.00
4756.800000	27.52	54.00	26.48	V	-6.97	34.49
9993.600000	33.95	54.00	20.05	H	1.88	32.07
17943.600000	40.86	54.00	13.14	H	12.62	28.24

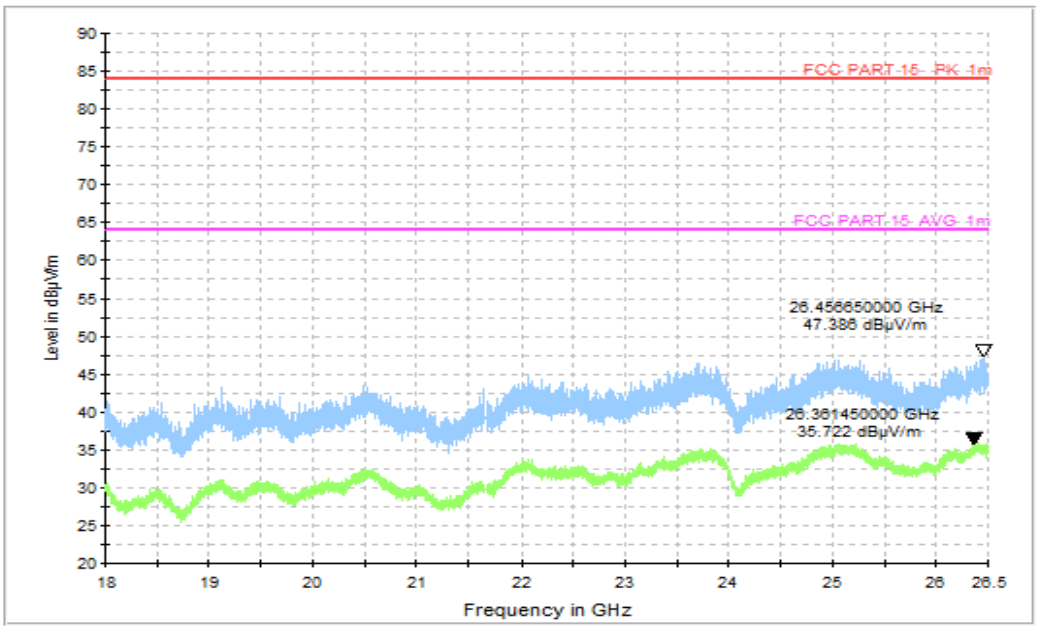


Figure A.1.19. Radiated Emission (LTE receiver Band 5, 18GHz to 26.5GHz)

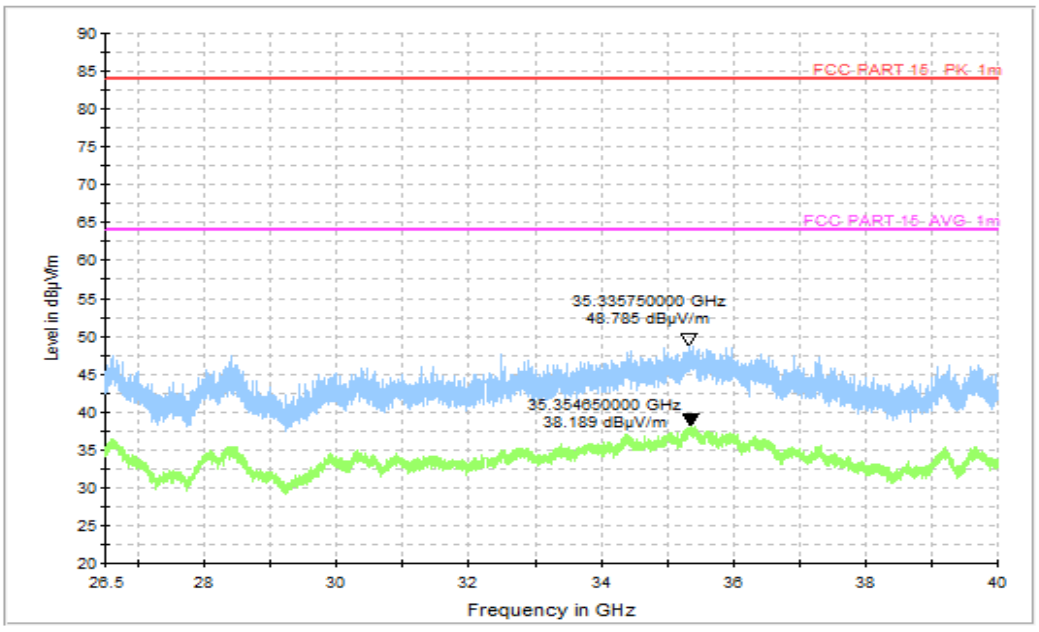


Figure A.1.20. Radiated Emission (LTE receiver Band 5, 26.5GHz to 40GHz)

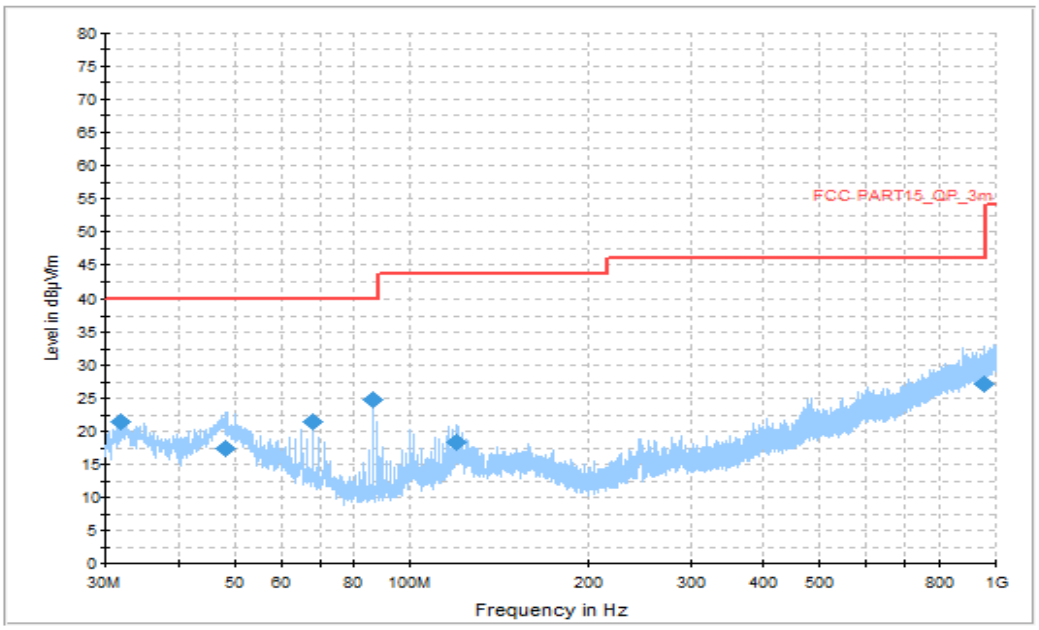


Figure A.1.21. Radiated Emission (LTE receiver Band 12, 30MHz to 1GHz)

Final_Results

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	ARpl (dB/m)	P_{Mea} (dBµV)
31.843000	21.51	40.00	18.49	V	-23.52	45.03
48.381500	17.48	40.00	22.52	V	-22.14	39.62
68.169500	21.32	40.00	18.68	V	-24.39	45.71
86.357000	24.85	40.00	15.15	V	-26.80	51.65
119.676500	18.40	43.50	25.10	V	-24.17	42.57
955.671000	27.17	46.00	18.83	H	-8.61	35.78

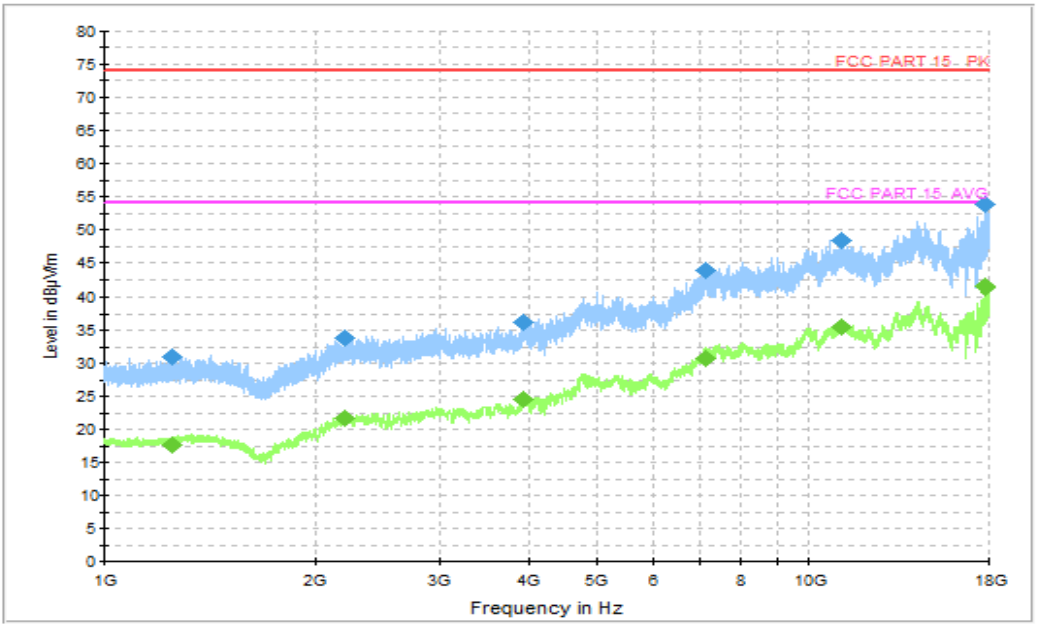


Figure A.1.22. Radiated Emission (LTE receiver Band 12, 1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P_{Mea} (dBµV)
1252.800000	30.95	74.00	43.05	H	-20.34	51.29
2203.000000	33.90	74.00	40.10	H	-15.97	49.87
3924.000000	36.08	74.00	37.92	H	-10.66	46.74
7116.000000	43.71	74.00	30.29	H	-0.81	44.52
11125.500000	48.30	74.00	25.70	V	2.59	45.71
17773.200000	53.89	74.00	20.11	H	11.74	42.15

Final_Results_AVG

Frequency(MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P_{Mea} (dBµV)
1252.800000	17.73	54.00	36.27	H	-20.34	38.07
2203.000000	21.63	54.00	32.37	H	-15.97	37.6
3924.000000	24.45	54.00	29.55	H	-10.66	35.11
7116.000000	30.73	54.00	23.27	H	-0.81	31.54
11125.500000	35.43	54.00	18.57	V	2.59	32.84
17773.200000	41.35	54.00	12.65	H	11.74	29.61

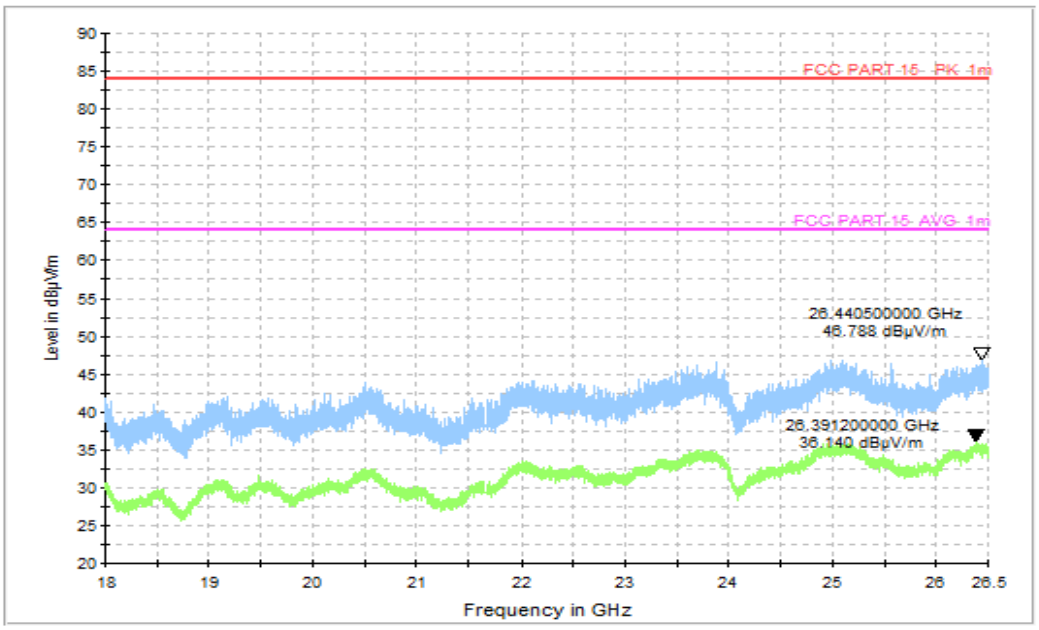


Figure A.1.23. Radiated Emission (LTE receiver Band 12, 18GHz to 26.5GHz)

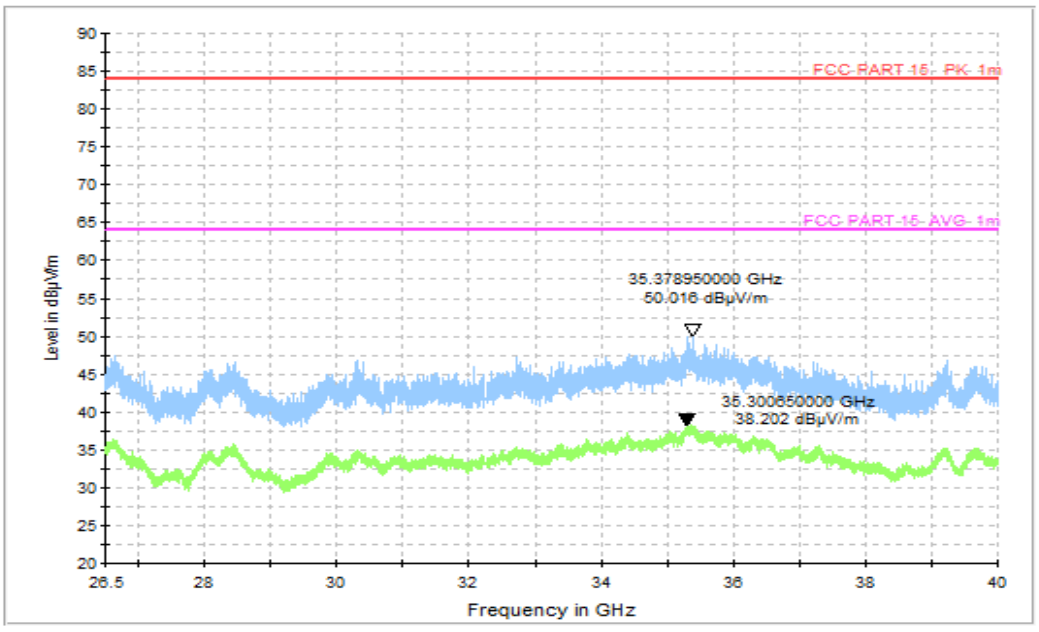


Figure A.1.24. Radiated Emission (LTE receiver Band 12, 26.5GHz to 40GHz)

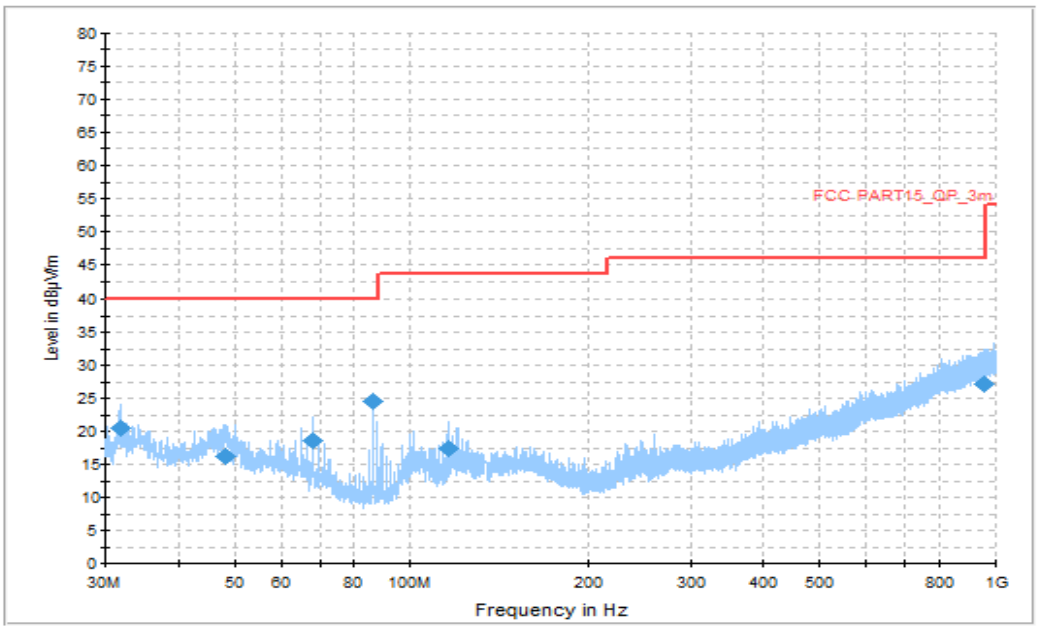


Figure A.1.25. Radiated Emission (LTE receiver Band 13, 30MHz to 1GHz)

Final_Results

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	ARpl (dB/m)	P_{Mea} (dBµV)
31.794500	20.52	40.00	19.48	V	-23.52	44.04
48.042000	16.25	40.00	23.75	V	-22.13	38.38
68.169500	18.57	40.00	21.43	V	-24.39	42.96
86.357000	24.64	40.00	15.36	V	-26.80	51.44
116.669500	17.36	43.50	26.14	V	-24.47	41.83
953.585500	27.06	46.00	18.94	V	-8.68	35.74

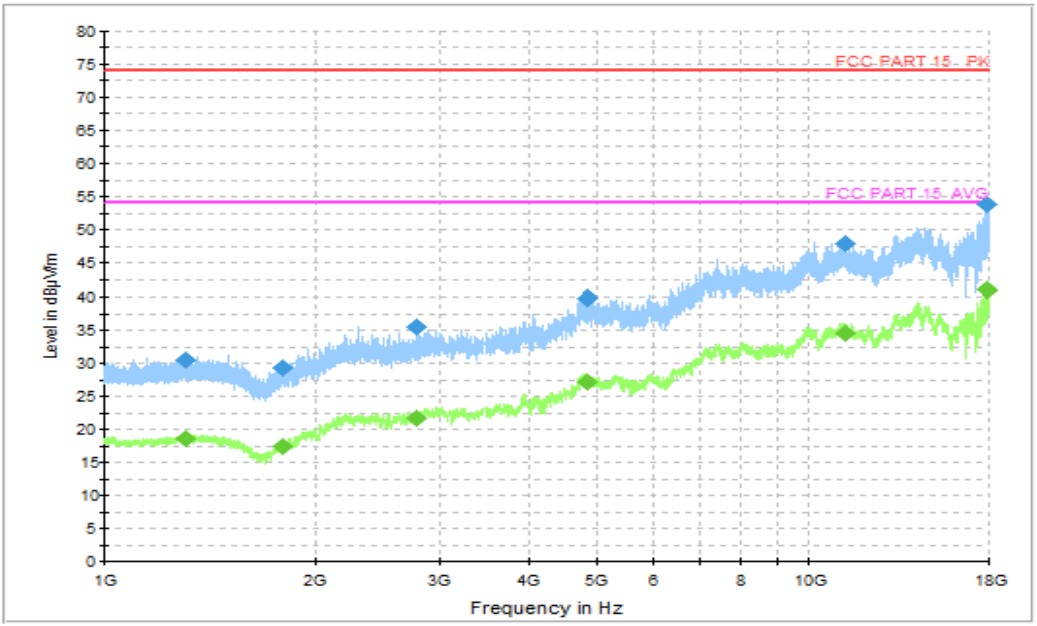


Figure A.1.26. Radiated Emission (LTE receiver Band 13, 1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P_{Mea} (dBµV)
1305.800000	30.36	74.00	43.64	V	-19.99	50.35
1796.400000	29.31	74.00	44.69	H	-19.34	48.65
2787.800000	35.49	74.00	38.51	H	-15.20	50.69
4833.600000	39.65	74.00	34.35	H	-7.14	46.79
11232.500000	47.80	74.00	26.20	H	2.70	45.1
17854.400000	53.80	74.00	20.20	H	12.16	41.64

Final_Results_AVG

Frequency(MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P_{Mea} (dBµV)
1305.800000	18.56	54.00	35.44	V	-19.99	38.55
1796.400000	17.49	54.00	36.51	H	-19.34	36.83
2787.800000	21.69	54.00	32.31	H	-15.20	36.89
4833.600000	27.09	54.00	26.91	H	-7.14	34.23
11232.500000	34.63	54.00	19.37	H	2.70	31.93
17854.400000	41.03	54.00	12.97	H	12.16	28.87

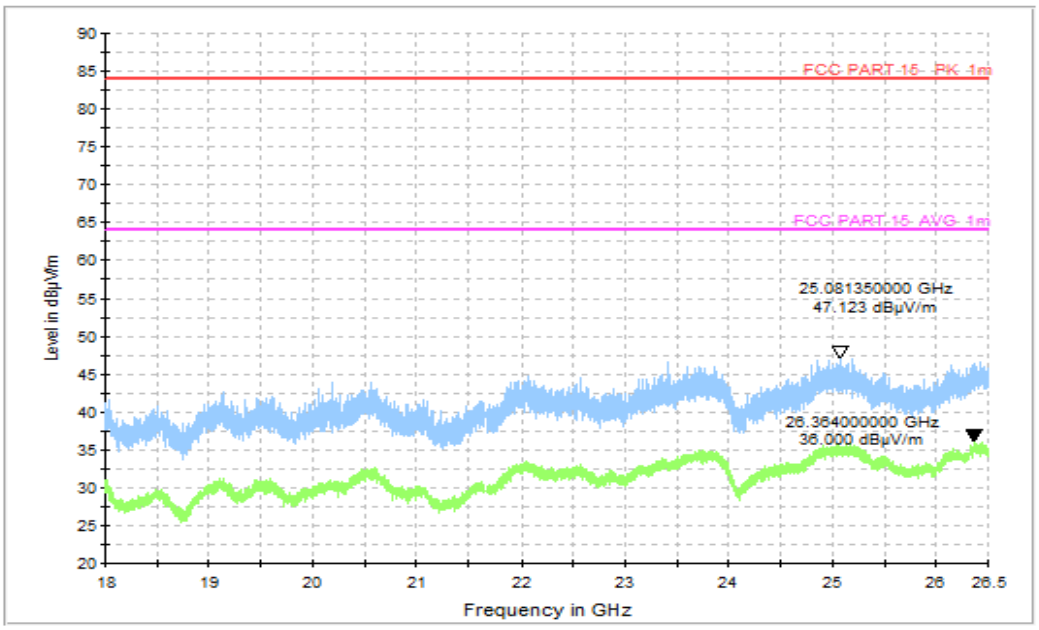


Figure A.1.27. Radiated Emission (LTE receiver Band 13, 18GHz to 26.5GHz)

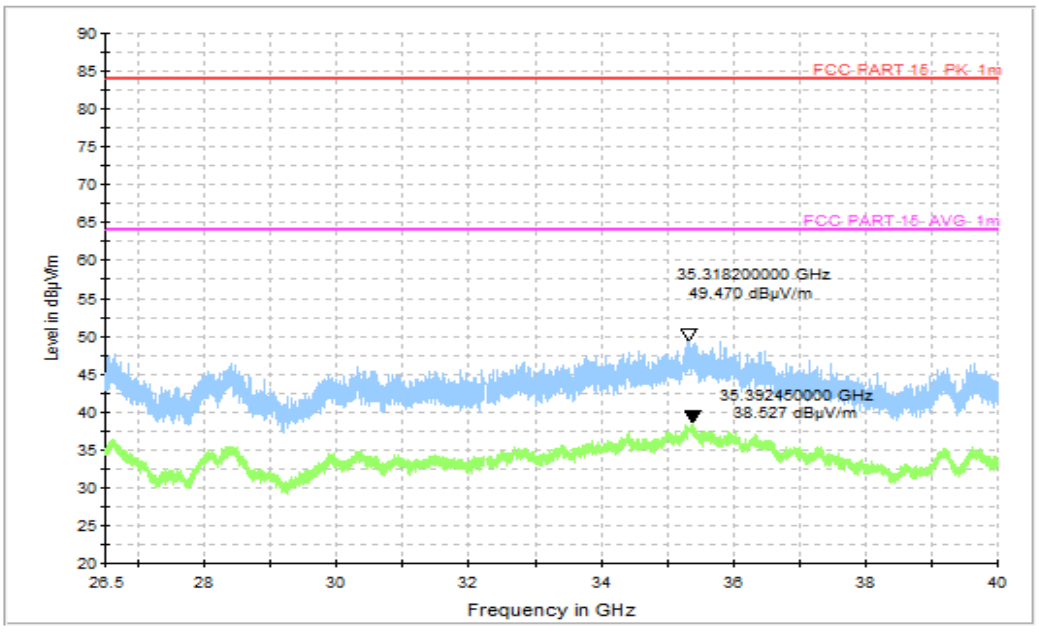


Figure A.1.28. Radiated Emission (LTE receiver Band 13, 26.5GHz to 40GHz)

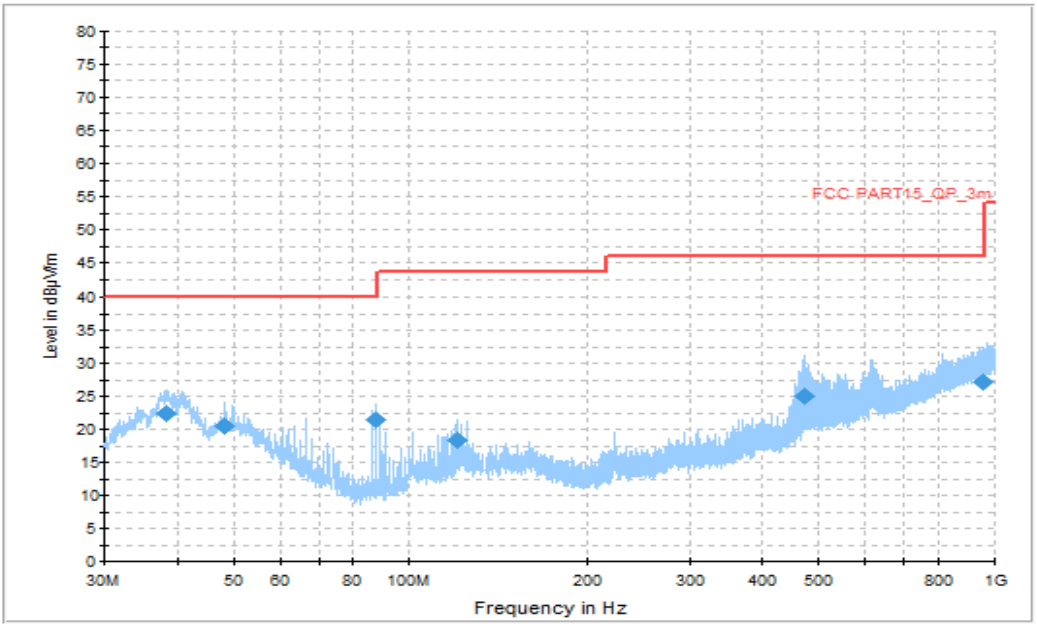


Figure A.1.29. Radiated Emission (LTE receiver Band 17, 30MHz to 1GHz)

Final_Results

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	ARpl (dB/m)	P_{Mea} (dBµV)
38.342000	22.3	40.0	17.7	V	-22.2	44.50
48.381500	20.4	40.0	19.6	V	-22.1	42.5
87.763500	21.5	40.0	18.5	V	-26.8	48.30
121.034500	18.3	43.5	25.2	V	-24.1	42.40
473.290000	24.9	46.0	21.1	H	-17.6	42.5
956.738000	27.2	46.0	18.9	V	-8.6	35.80

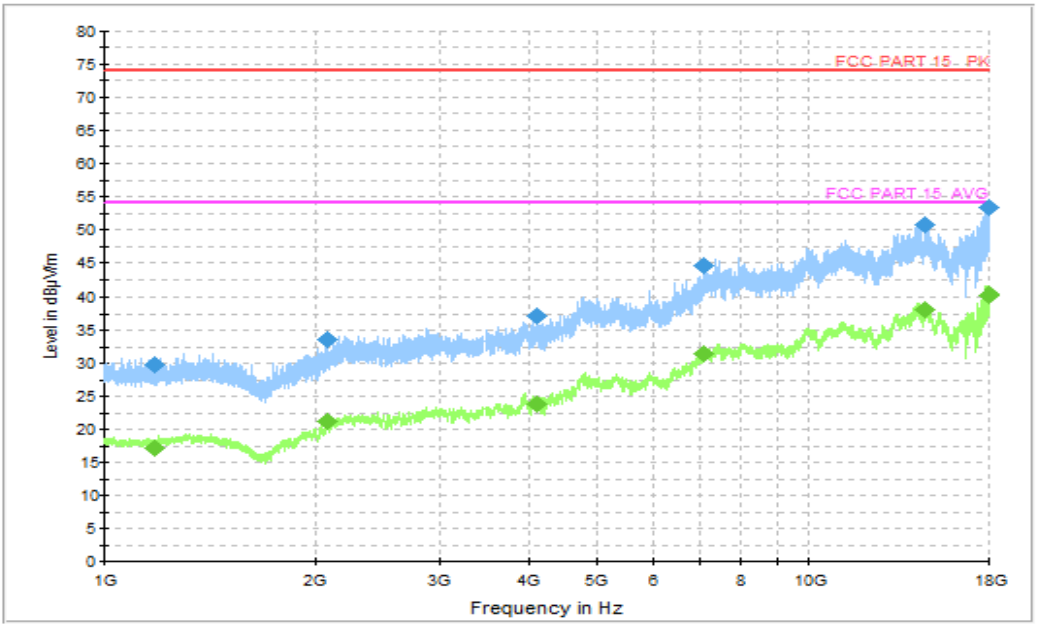


Figure A.1.30. Radiated Emission (LTE receiver Band 17, 1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P_{Mea} (dBµV)
1177.600000	29.72	74.00	44.28	H	-20.81	50.53
2071.000000	33.49	74.00	40.51	H	-17.28	50.77
4087.200000	37.07	74.00	36.93	H	-10.55	47.62
7081.600000	44.54	74.00	29.46	V	-1.05	45.59
14608.000000	50.66	74.00	23.34	V	6.13	44.53
17974.400000	53.22	74.00	20.78	H	12.78	40.44

Final_Results_AVG

Frequency(MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P_{Mea} (dBµV)
1177.600000	17.24	54.00	36.76	H	-20.81	38.05
2071.000000	21.22	54.00	32.78	H	-17.28	38.5
4087.200000	23.81	54.00	30.19	H	-10.55	34.36
7081.600000	31.39	54.00	22.61	V	-1.05	32.44
14608.000000	38.05	54.00	15.95	V	6.13	31.92
17974.400000	40.33	54.00	13.67	H	12.78	27.55

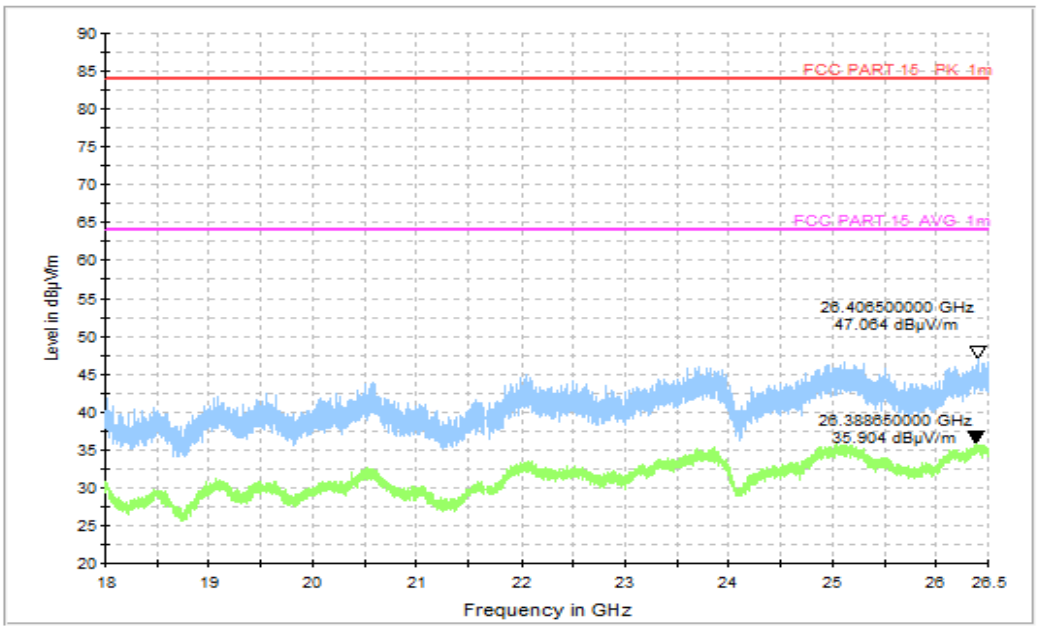


Figure A.1.31. Radiated Emission (LTE receiver Band 17, 18GHz to 26.5GHz)

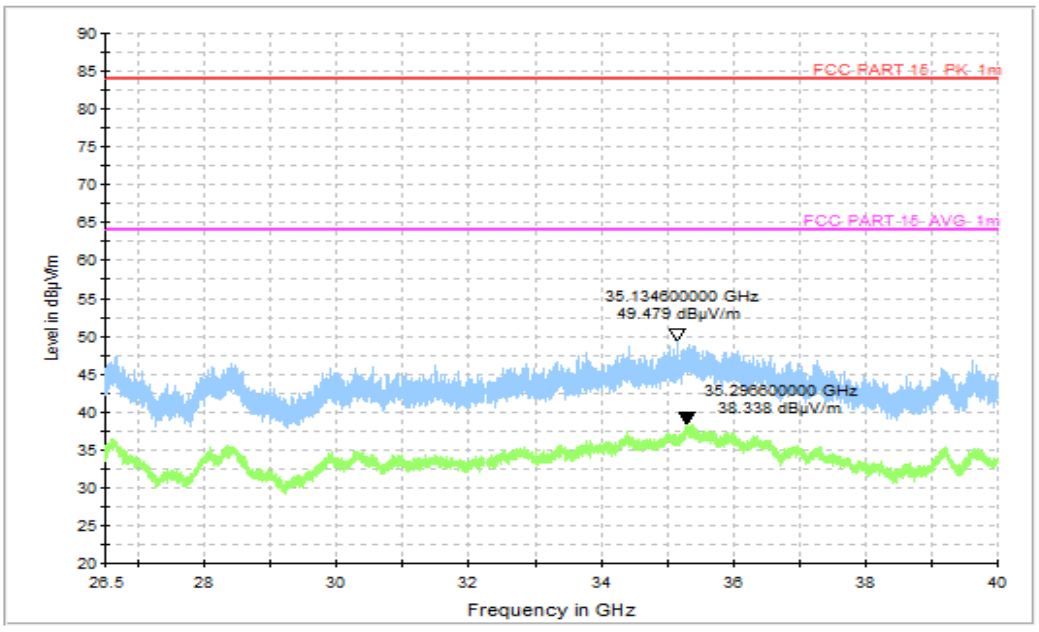


Figure A.1.32. Radiated Emission (LTE receiver Band 17, 26.5GHz to 40GHz)

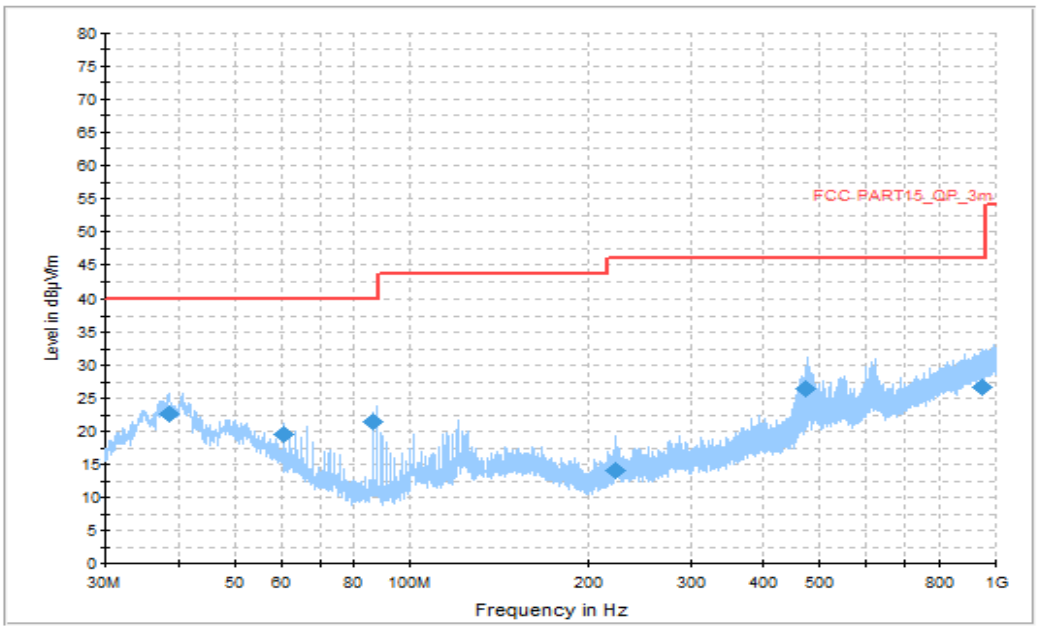


Figure A.1.33. Radiated Emission (LTE receiver Band 26, 30MHz to 1GHz)

Final_Results

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	ARpl (dB/m)	P_{Mea} (dBµV)
38.487500	22.65	40.00	17.35	V	-22.21	44.86
60.555000	19.64	40.00	20.36	V	-23.11	42.75
86.260000	21.39	40.00	18.61	V	-26.80	48.19
223.078500	14.04	46.00	31.96	V	-24.75	38.79
473.193000	26.33	46.00	19.67	H	-17.56	43.89
945.825500	26.76	46.00	19.24	H	-8.88	35.64

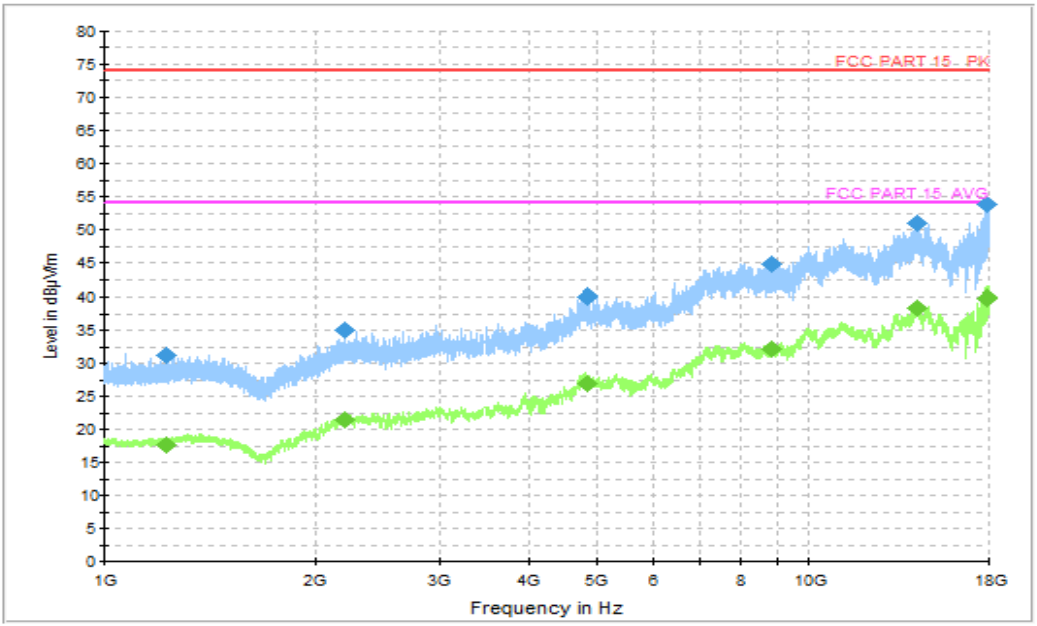


Figure A.1.34. Radiated Emission (LTE receiver Band 26, 1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P_{Mea} (dBµV)
1226.400000	31.27	74.00	42.73	H	-20.54	51.81
2192.400000	35.04	74.00	38.96	V	-16.05	51.09
4818.400000	39.99	74.00	34.01	V	-7.04	47.03
8846.400000	44.78	74.00	29.22	V	-0.82	45.60
14248.500000	50.87	74.00	23.13	H	7.01	43.86
17893.600000	53.70	74.00	20.30	H	12.36	41.34

Final_Results_AVG

Frequency(MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P_{Mea} (dBµV)
1226.400000	17.57	54.00	36.43	H	-20.54	38.11
2192.400000	21.53	54.00	32.47	V	-16.05	37.58
4818.400000	26.92	54.00	27.08	V	-7.04	33.96
8846.400000	32.18	54.00	21.82	V	-0.82	33.00
14248.500000	38.43	54.00	15.57	H	7.01	31.42
17893.600000	39.66	54.00	14.34	H	12.36	27.30

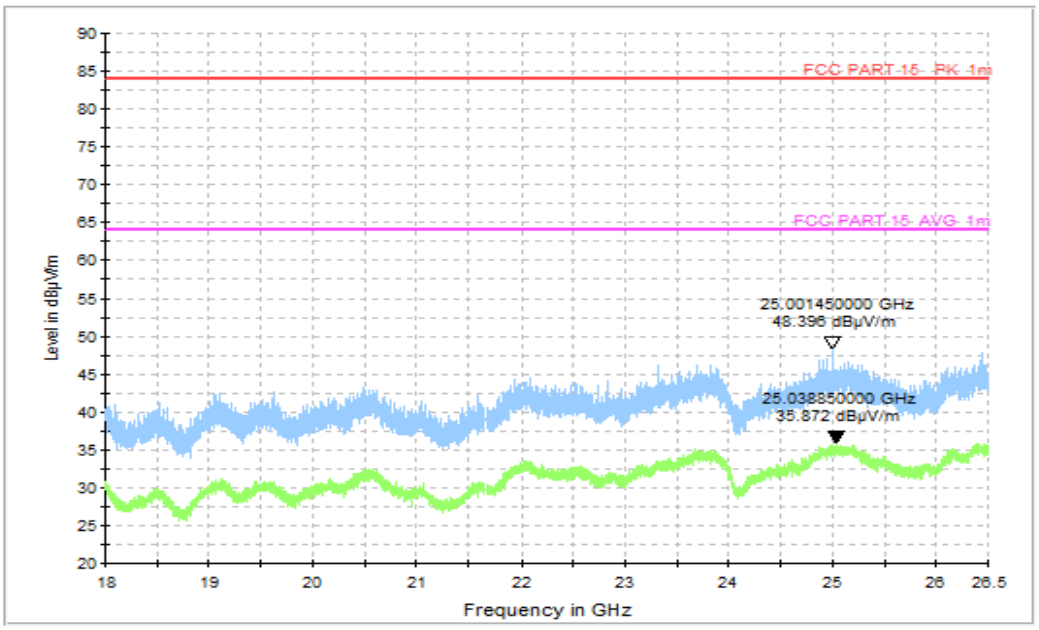


Figure A.1.35. Radiated Emission (LTE receiver Band 26, 18GHz to 26.5GHz)

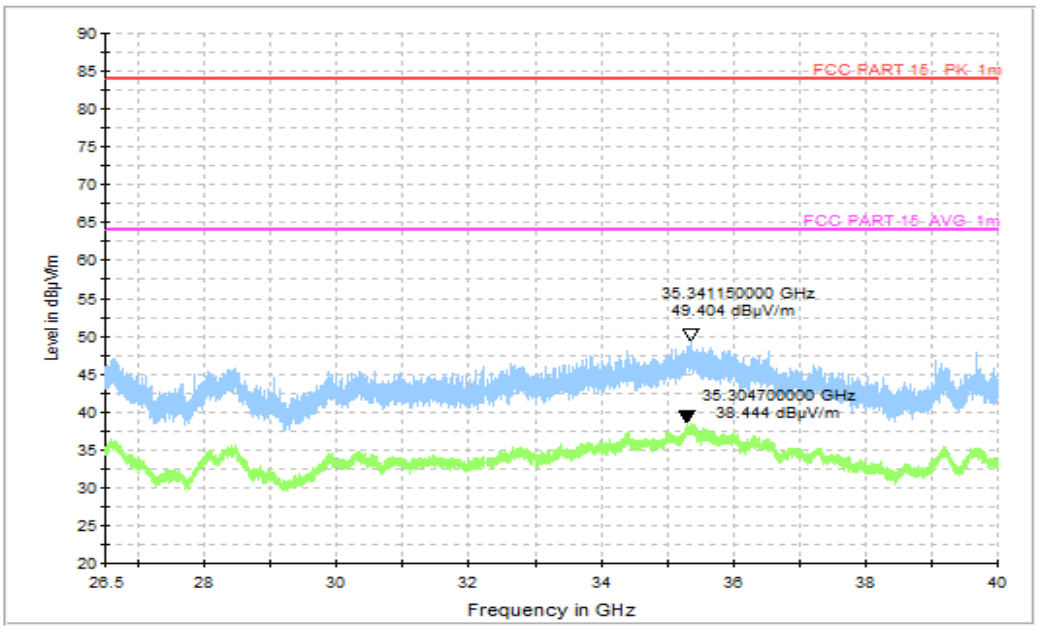


Figure A.1.36. Radiated Emission (LTE receiver Band 26, 26.5GHz to 40GHz)

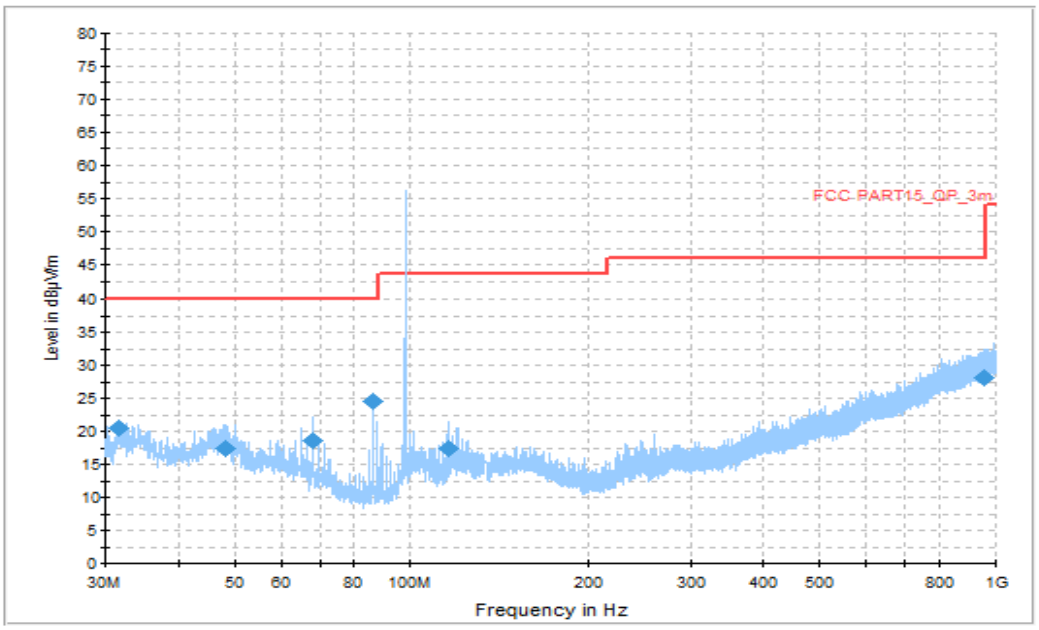


Figure A.1.37. Radiated Emission (FM receiver, 30MHz to 1GHz)

Final_Results

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	ARpl (dB/m)	P_{Mea} (dBµV)
31.644500	20.42	40.00	19.58	V	-23.52	43.94
48.242000	17.35	40.00	22.65	V	-22.13	39.48
68.249500	18.55	40.00	21.45	V	-24.38	42.93
86.357000	24.54	40.00	15.46	V	-26.80	51.34
116.329500	17.45	43.50	26.05	V	-24.43	41.88
954.285500	28.16	46.00	17.84	V	-8.62	36.78

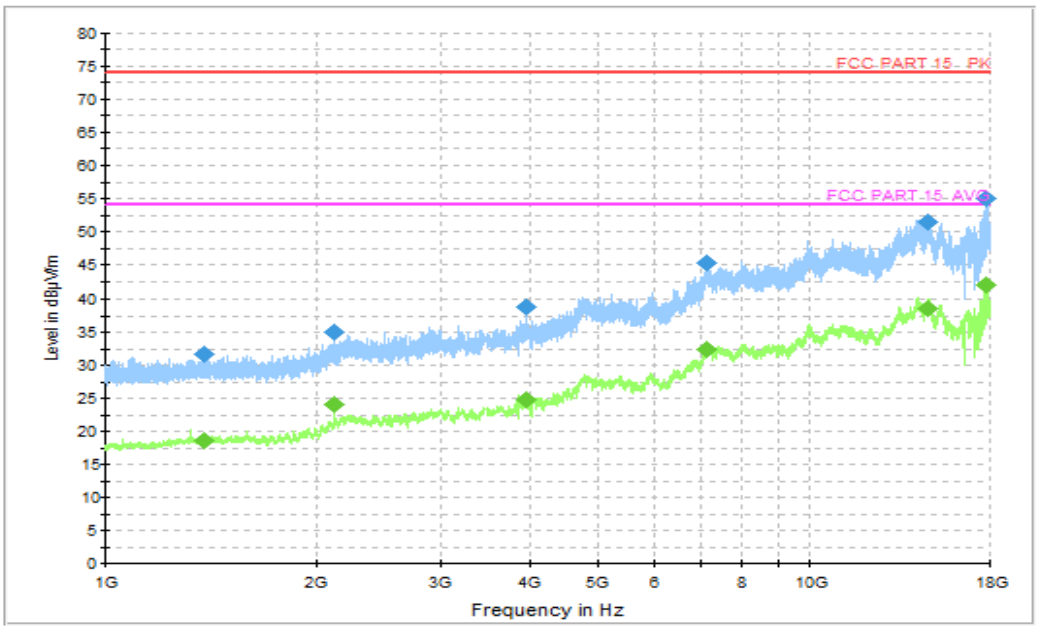


Figure A.1.38. Radiated Emission (FM receiver, 1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P_{Mea} (dBµV)
1379.200000	31.64	74.00	42.36	V	-19.84	51.48
2119.800000	35.04	74.00	38.96	V	-16.68	51.72
3940.800000	38.74	74.00	35.26	H	-10.91	49.65
7100.000000	45.17	74.00	28.83	V	-0.80	45.97
14667.000000	51.42	74.00	22.58	V	6.34	45.08
17749.200000	54.93	74.00	19.07	H	11.62	43.31

Final_Results_AVG

Frequency(MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P_{Mea} (dBµV)
1379.200000	18.50	54.00	35.50	V	-19.84	38.34
2119.800000	24.07	54.00	29.93	V	-16.68	40.75
3940.800000	24.83	54.00	29.17	H	-10.91	35.74
7100.000000	32.40	54.00	21.60	V	-0.80	33.20
14667.000000	38.52	54.00	15.48	V	6.34	32.18
17749.200000	41.90	54.00	12.10	H	11.62	30.28

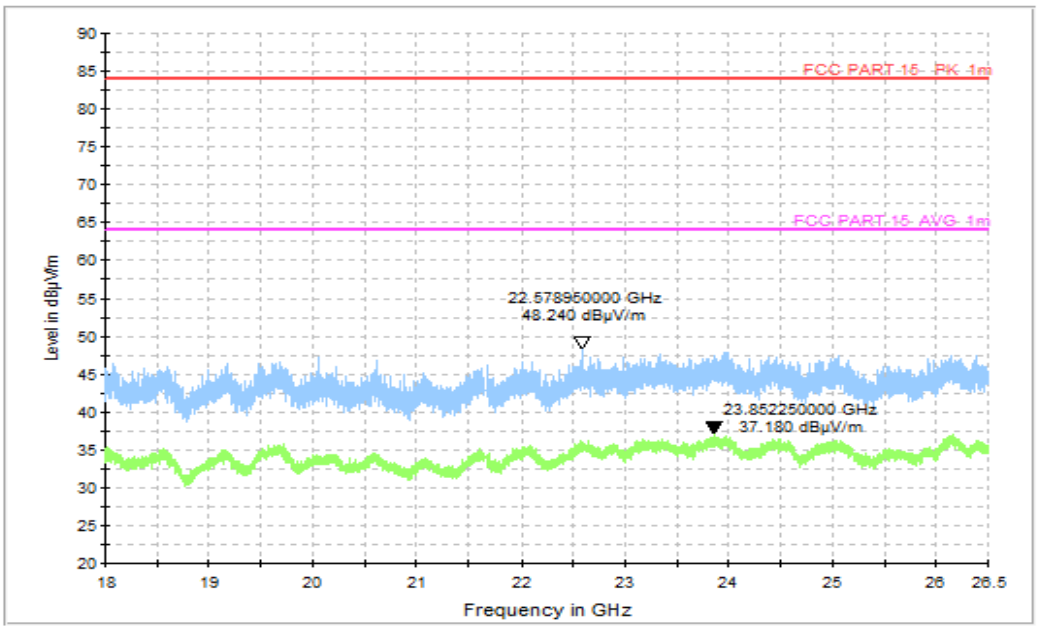


Figure A.1.39. Radiated Emission (FM receiver, 18GHz to 26.5GHz)

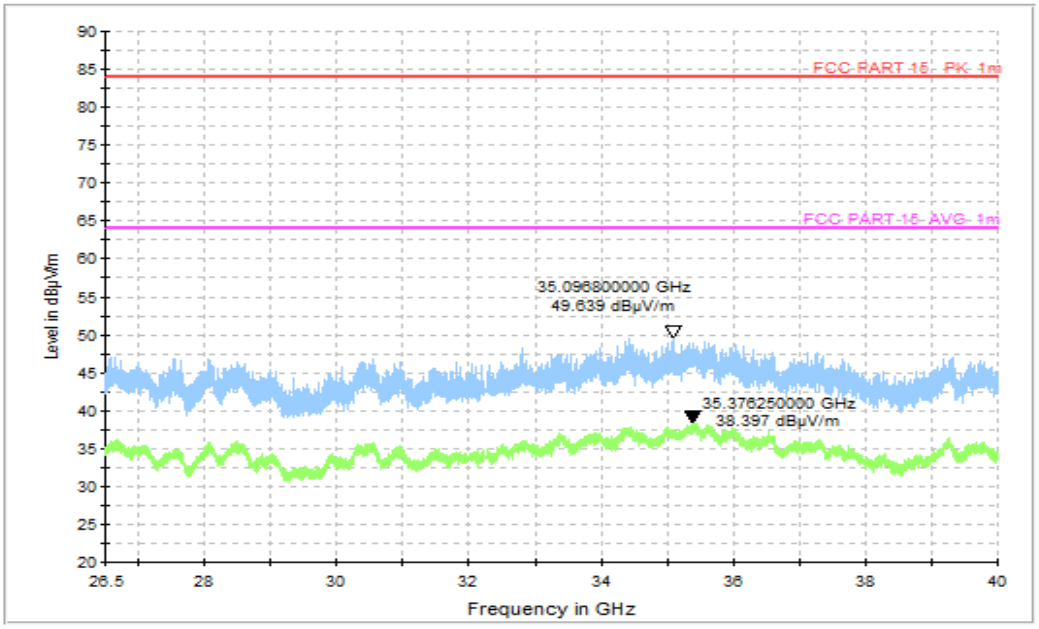


Figure A.1.40. Radiated Emission (FM receiver, 26.5GHz to 40GHz)

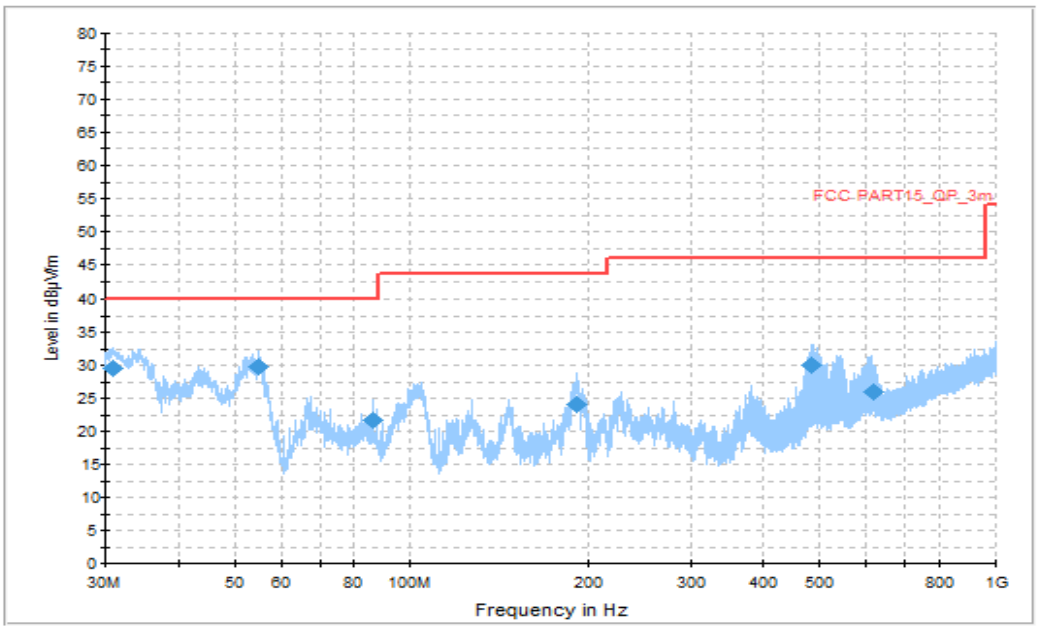


Figure A.1.41. Radiated Emission (Camera, 30MHz to 1GHz)

Final_Results

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	ARpl (dB/m)	P_{Mea} (dBµV)
30.873000	29.62	40.00	10.38	V	-23.65	53.27
54.880500	29.67	40.00	10.33	H	-22.60	52.27
86.357000	21.65	40.00	18.35	V	-26.80	48.45
190.971500	23.97	43.50	19.53	H	-25.34	49.31
481.971500	30.04	46.00	15.96	H	-17.33	47.37
619.372000	25.86	46.00	20.14	V	-14.64	40.50

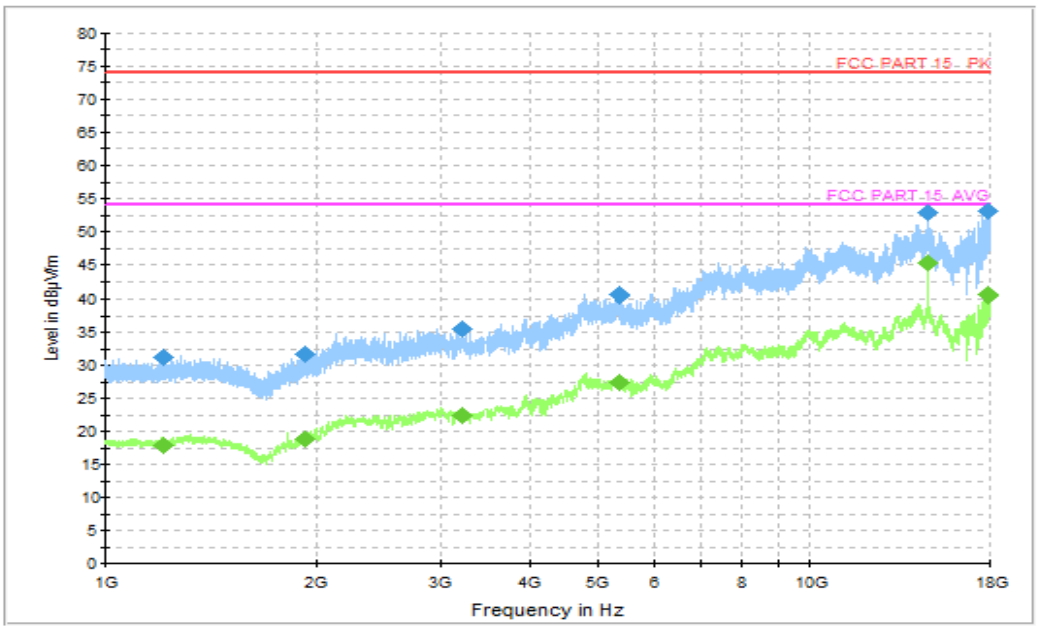


Figure A.1.42. Radiated Emission (Camera, 1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P_{Mea} (dBµV)
1211.200000	31.17	74.00	42.83	H	-20.64	51.81
1920.000000	31.56	74.00	42.44	H	-18.54	50.1
3224.000000	35.48	74.00	38.52	H	-13.70	49.18
5339.200000	40.51	74.00	33.49	V	-6.67	47.18
14656.000000	52.92	74.00	21.08	V	6.30	46.62
17898.800000	53.03	74.00	20.97	V	12.39	40.64

Final_Results_AVG

Frequency(MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P_{Mea} (dBµV)
1211.200000	17.74	54.00	36.26	H	-20.64	38.38
1920.000000	18.76	54.00	35.24	H	-18.54	37.3
3224.000000	22.42	54.00	31.58	H	-13.70	36.12
5339.200000	27.46	54.00	26.54	V	-6.67	34.13
14656.000000	45.30	54.00	8.70	V	6.30	39
17898.800000	40.55	54.00	13.45	V	12.39	28.16

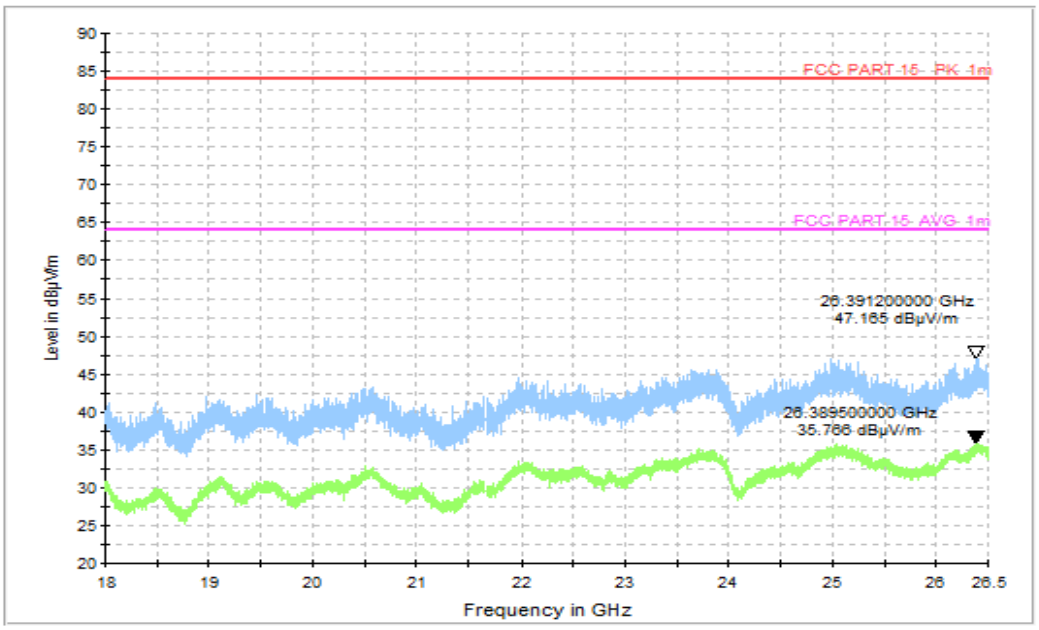


Figure A.1.43. Radiated Emission (Camera, 18GHz to 26.5GHz)

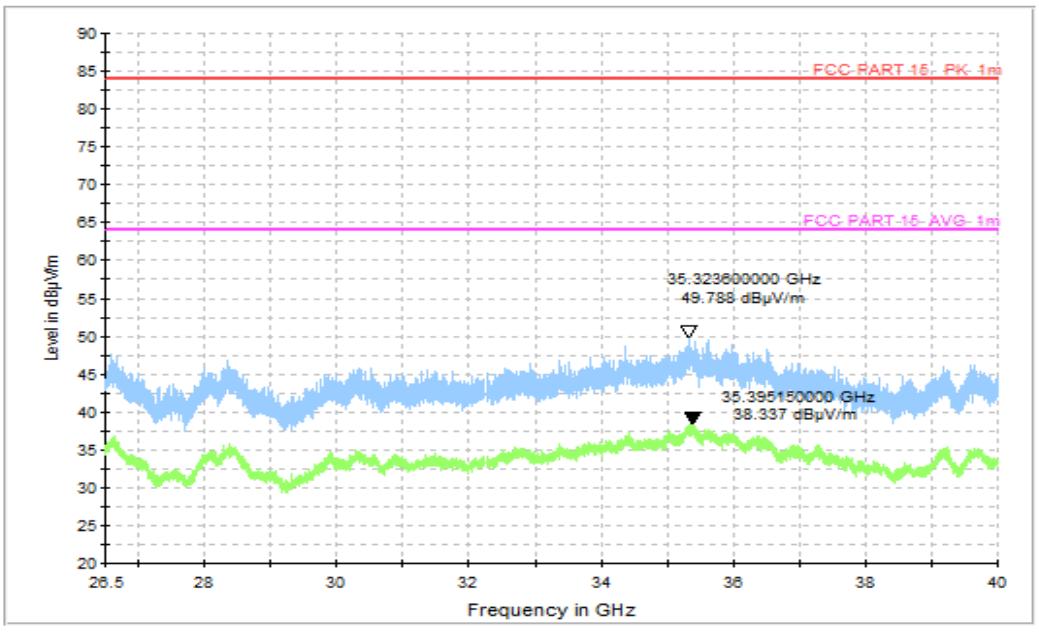


Figure A.1.44. Radiated Emission (Camera, 26.5GHz to 40GHz)

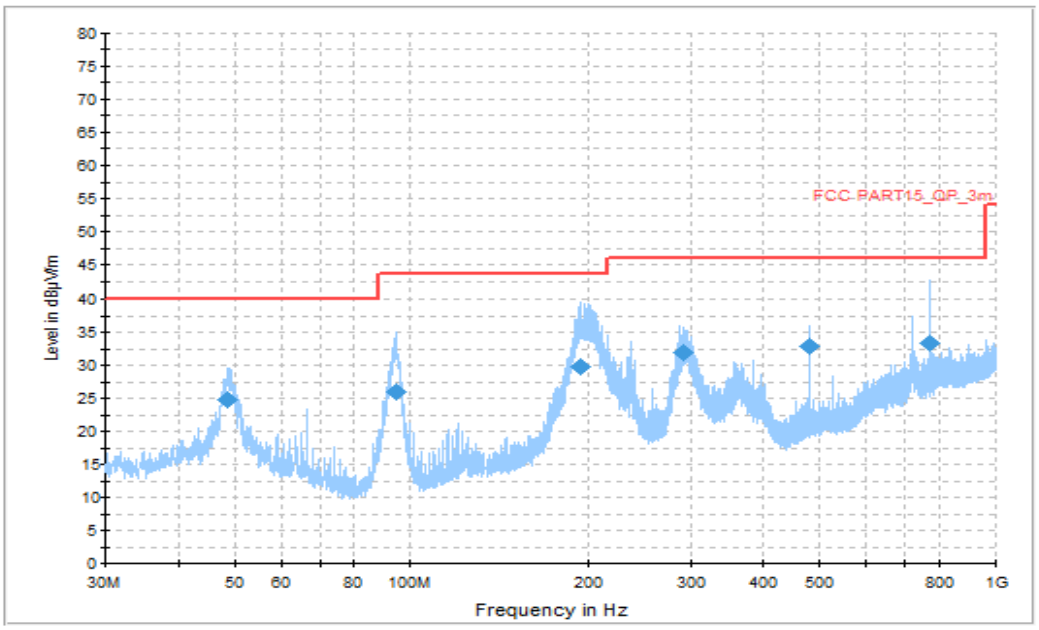


Figure A.1.45. Radiated Emission (Data Transfer: PC TO EUT, 30MHz to 1GHz)

Final_Results

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	ARpl (dB/m)	P_{Mea} (dBµV)
48.672500	24.70	40.00	15.30	V	-22.15	46.85
94.553500	26.06	43.50	17.44	V	-26.51	52.57
194.948500	29.73	43.50	13.77	H	-25.48	55.21
291.900000	31.88	46.00	14.12	H	-22.35	54.23
479.983000	32.92	46.00	13.08	H	-17.39	50.31
768.024500	33.38	46.00	12.62	H	-11.83	45.21

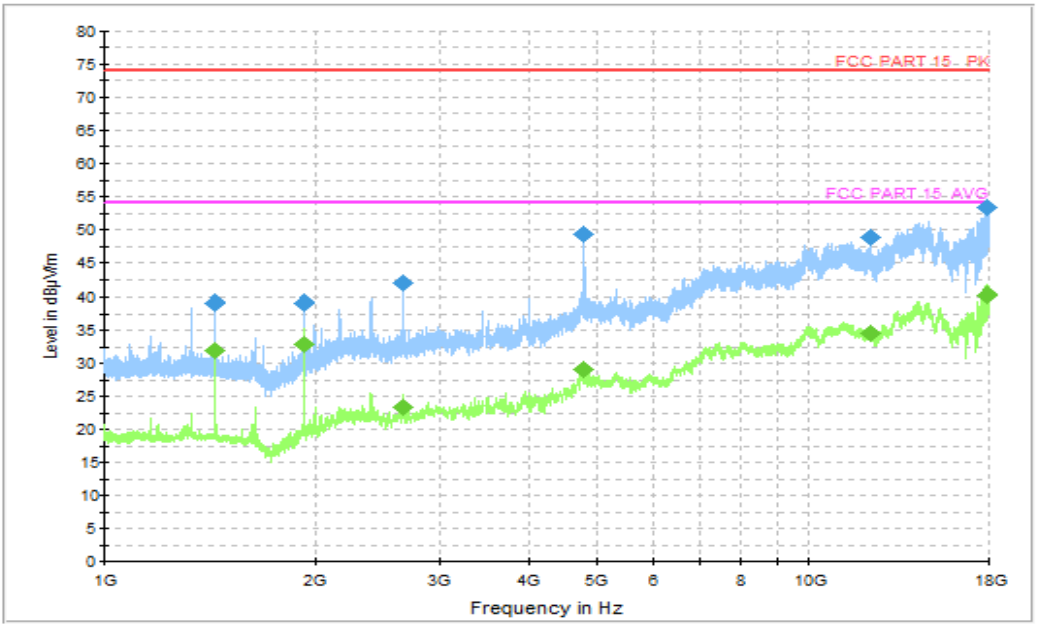


Figure A.1.46. Radiated Emission (Data Transfer: PC TO EUT, 1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P_{Mea} (dBµV)
1439.800000	38.95	74.00	35.05	V	-19.86	58.81
1919.800000	39.04	74.00	34.96	V	-18.54	57.58
2659.000000	41.88	74.00	32.12	H	-15.42	57.30
4784.000000	49.28	74.00	24.72	H	-6.83	56.11
12199.000000	48.71	74.00	25.29	H	1.96	46.75
17942.400000	53.43	74.00	20.57	H	12.61	40.82

Final_Results_AVG

Frequency(MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P_{Mea} (dBµV)
1439.800000	32.00	54.00	22.00	V	-19.86	51.86
1919.800000	32.95	54.00	21.05	V	-18.54	51.49
2659.000000	23.40	54.00	30.60	H	-15.42	38.82
4784.000000	29.13	54.00	24.87	H	-6.83	35.96
12199.000000	34.64	54.00	19.36	H	1.96	32.68
17942.400000	40.18	54.00	13.82	H	12.61	27.57

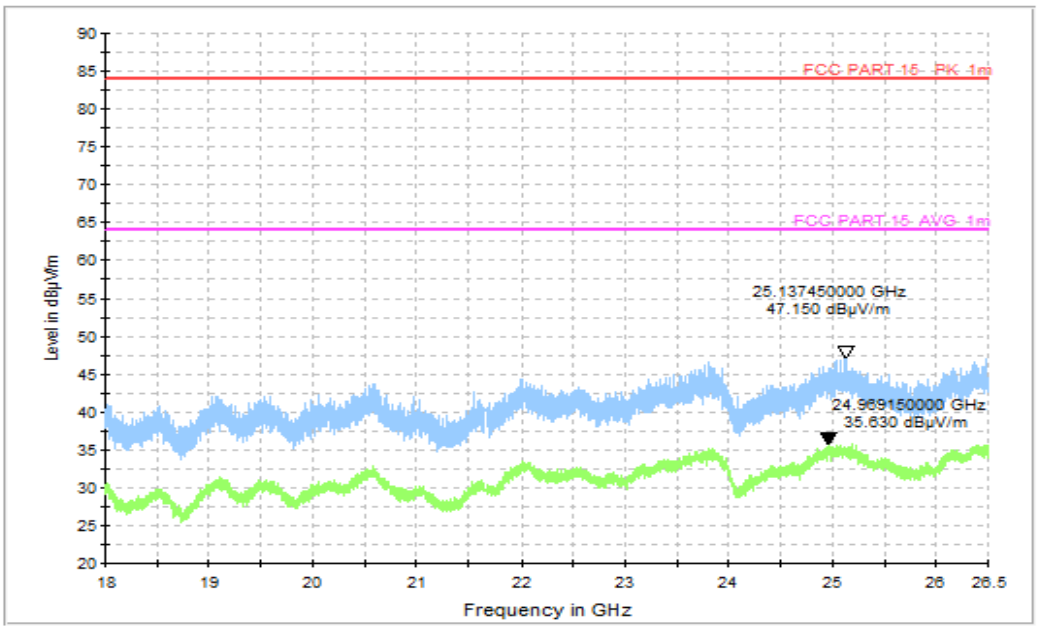


Figure A.1.47. Radiated Emission (Data Transfer: PC TO EUT, 18GHz to 26.5GHz)

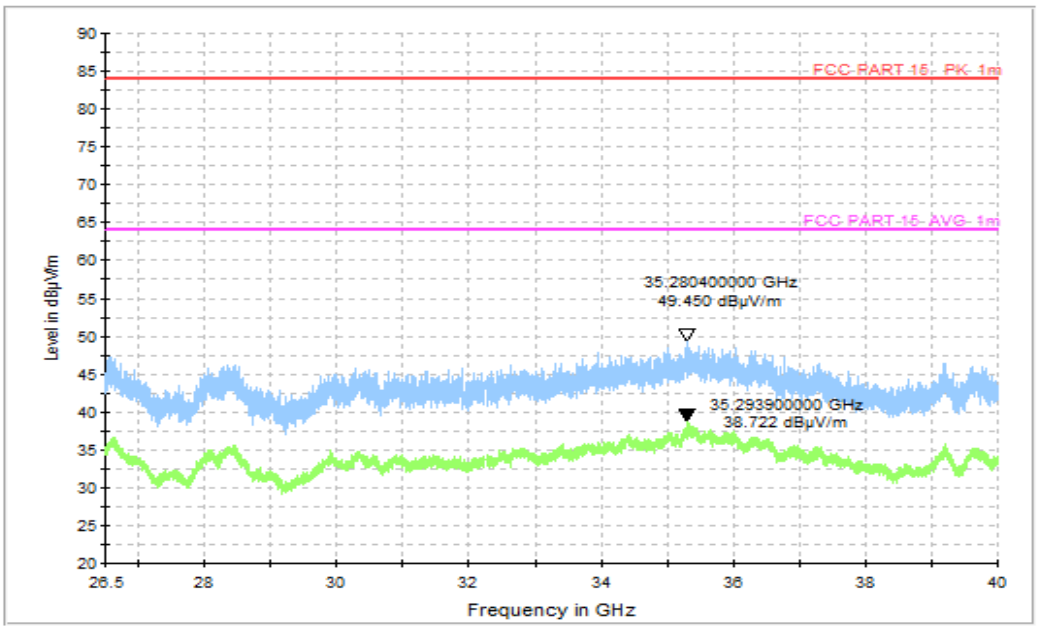


Figure A.1.48. Radiated Emission (Data Transfer: PC TO EUT, 26.5GHz to 40GHz)

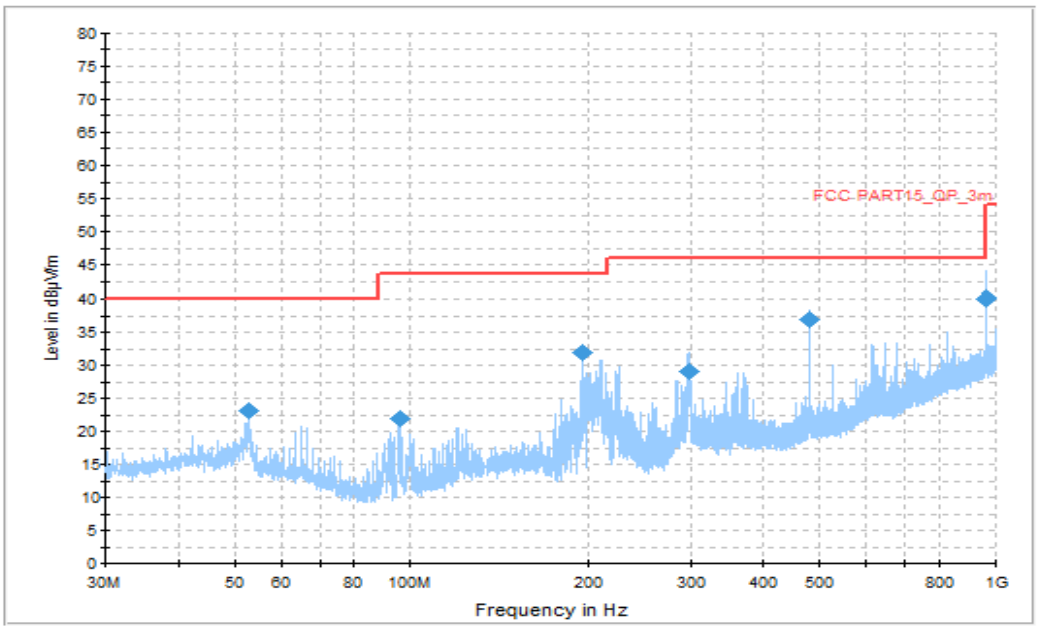


Figure A.1.49. Radiated Emission (Data Transfer: EUT TO PC, 30MHz to 1GHz)

Final_Results

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	ARpl (dB/m)	P_{Mea} (dBµV)
52.698000	23.14	40.00	16.86	V	-22.42	45.56
95.814500	21.87	43.50	21.63	V	-26.42	48.29
196.161000	31.91	43.50	11.59	H	-25.52	57.43
298.302000	29.00	46.00	17.00	H	-22.54	51.54
479.983000	36.96	46.00	9.04	H	-17.39	54.35
959.987500	39.95	46.00	6.05	H	-8.48	48.43

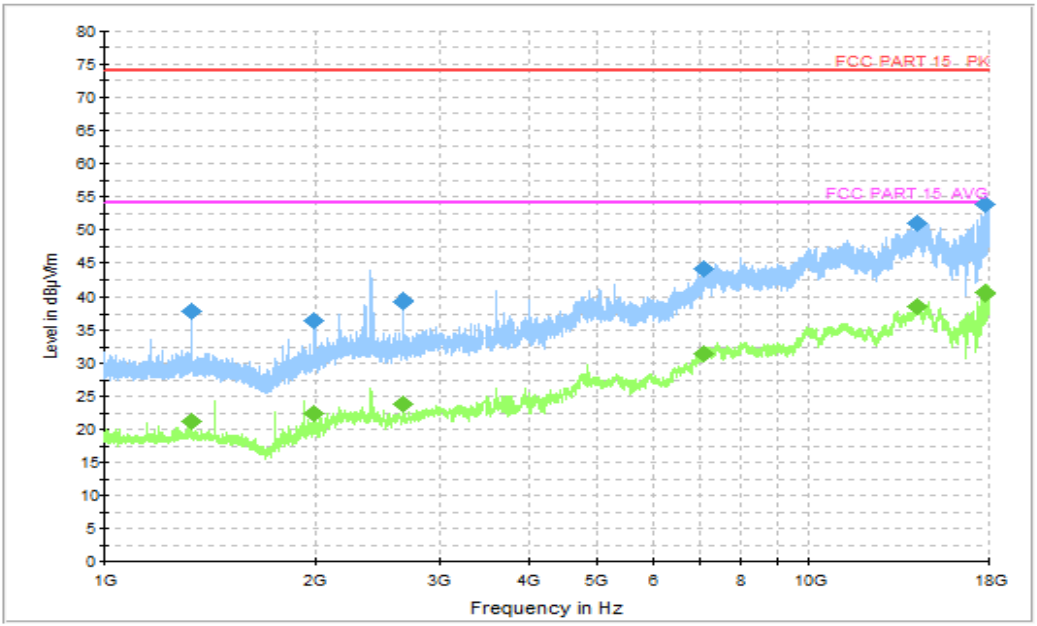


Figure A.1.50. Radiated Emission (Data Transfer: EUT TO PC, 1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P_{Mea} (dBµV)
1331.800000	37.83	74.00	36.17	V	-19.94	57.77
1991.800000	36.53	74.00	37.47	V	-18.28	54.81
2664.400000	39.38	74.00	34.62	V	-15.42	54.80
7088.800000	44.13	74.00	29.87	H	-0.95	45.08
14247.000000	51.00	74.00	23.00	H	7.02	43.98
17768.000000	53.80	74.00	20.20	H	11.72	42.08

Final_Results_AVG

Frequency(MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P_{Mea} (dBµV)
1331.800000	21.11	54.00	32.89	V	-19.94	41.05
1991.800000	22.34	54.00	31.66	V	-18.28	40.62
2664.400000	23.76	54.00	30.24	V	-15.42	39.18
7088.800000	31.32	54.00	22.68	H	-0.95	32.27
14247.000000	38.61	54.00	15.39	H	7.02	31.59
17768.000000	40.48	54.00	13.52	H	11.72	28.76

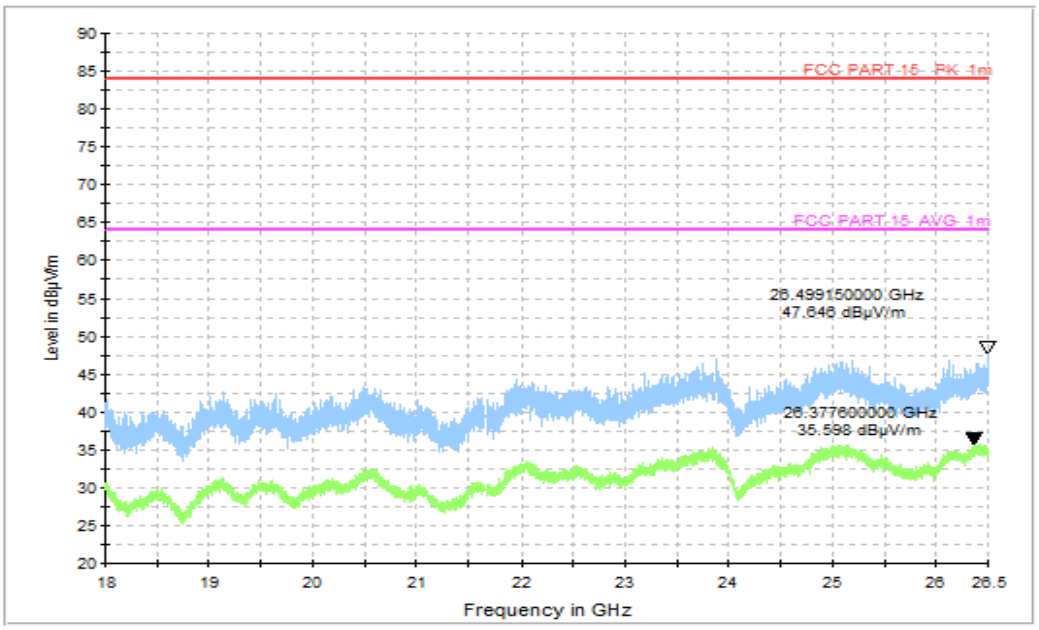


Figure A.1.51. Radiated Emission (Data Transfer: EUT TO PC, 18GHz to 26.5GHz)

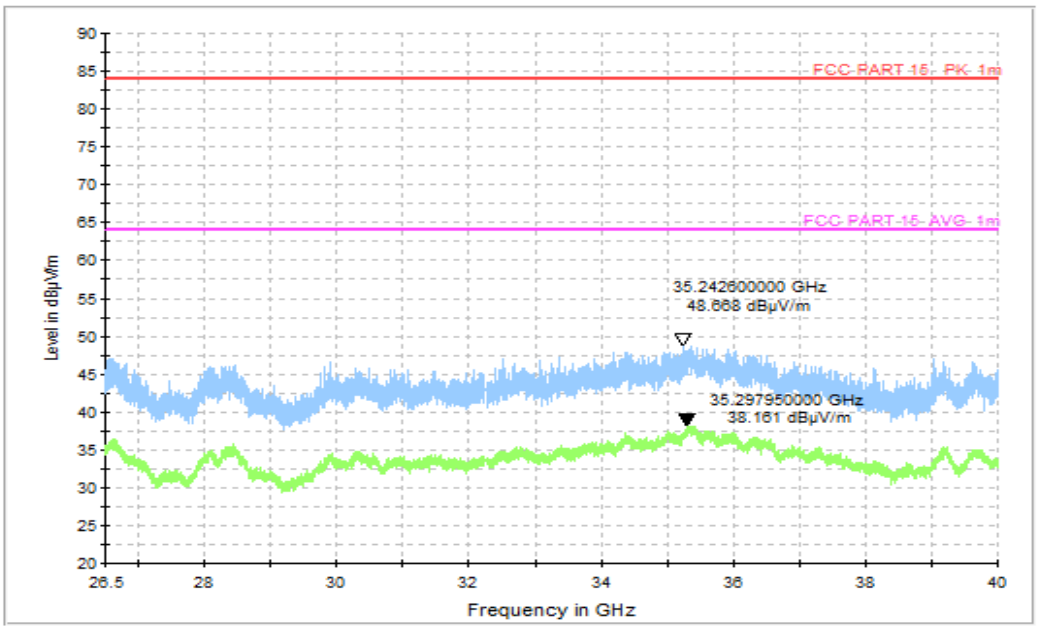


Figure A.1.52. Radiated Emission (Data Transfer: EUT TO PC, 26.5GHz to 40GHz)

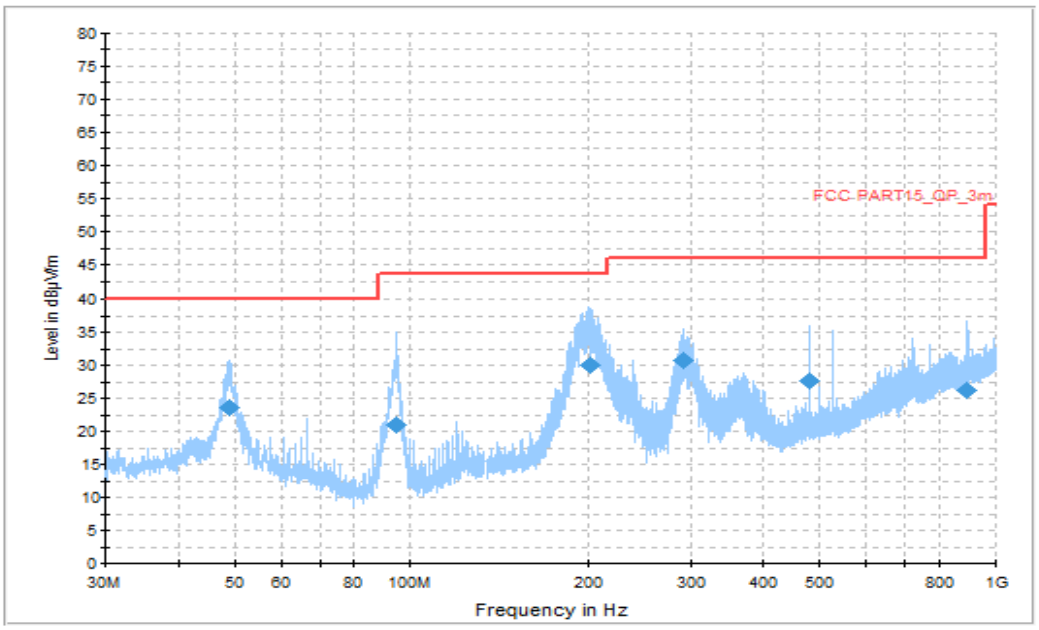


Figure A.1.53. Radiated Emission (Data Transfer: PC TO TF Card, 30MHz to 1GHz)

Final_Results

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	ARpl (dB/m)	P_{Mea} (dBµV)
49.109000	23.54	40.00	16.46	V	-22.17	45.71
94.844500	21.01	43.50	22.49	V	-26.49	47.5
201.738500	29.98	43.50	13.02	H	-25.60	55.58
292.094000	30.76	46.00	15.24	H	-22.35	53.11
480.031500	27.74	46.00	18.26	H	-17.39	45.13
892.475500	26.10	46.00	19.90	V	-9.63	35.73

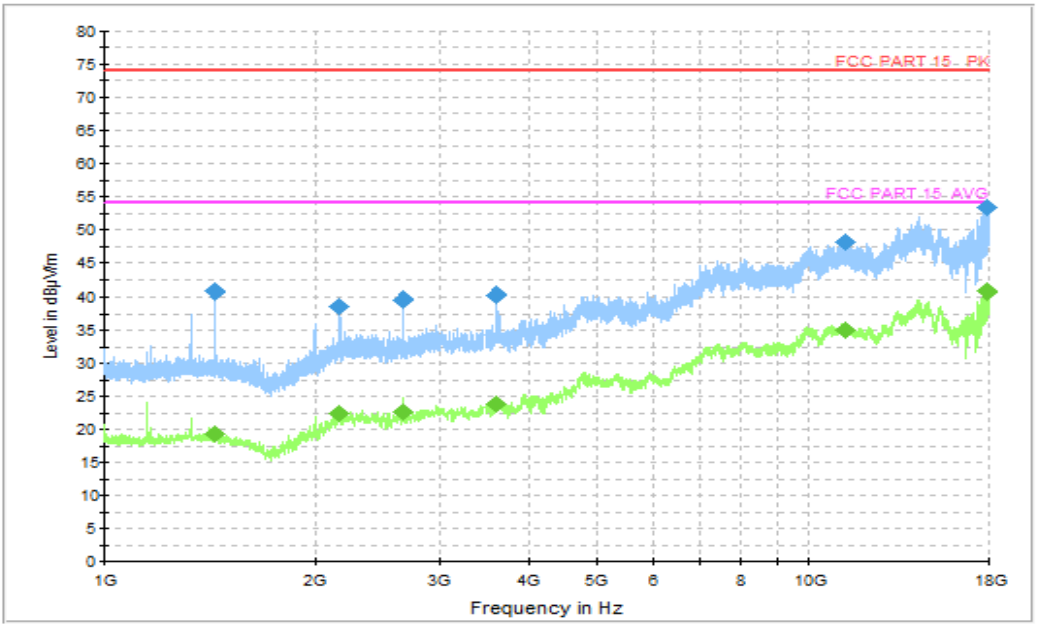


Figure A.1.54. Radiated Emission (Data Transfer: PC TO TF Card, 1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P_{Mea} (dBµV)
1439.600000	40.62	74.00	33.40	V	-19.86	60.48
2160.000000	38.67	74.00	35.30	V	-16.36	55.03
2657.800000	39.55	74.00	34.40	V	-15.42	54.97
3589.600000	40.27	74.00	33.70	V	-13.01	53.28
11229.000000	48.19	74.00	25.80	H	2.70	45.49
17874.400000	53.30	74.00	20.70	H	12.26	41.04

Final_Results_AVG

Frequency(MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P_{Mea} (dBµV)
1439.600000	19.18	54.00	34.82	V	-19.86	39.04
2160.000000	22.47	54.00	31.53	V	-16.36	38.83
2657.800000	22.63	54.00	31.37	V	-15.42	38.05
3589.600000	23.74	54.00	30.26	V	-13.01	36.75
11229.000000	35.04	54.00	18.96	H	2.70	32.34
17874.400000	40.69	54.00	13.31	H	12.26	28.43

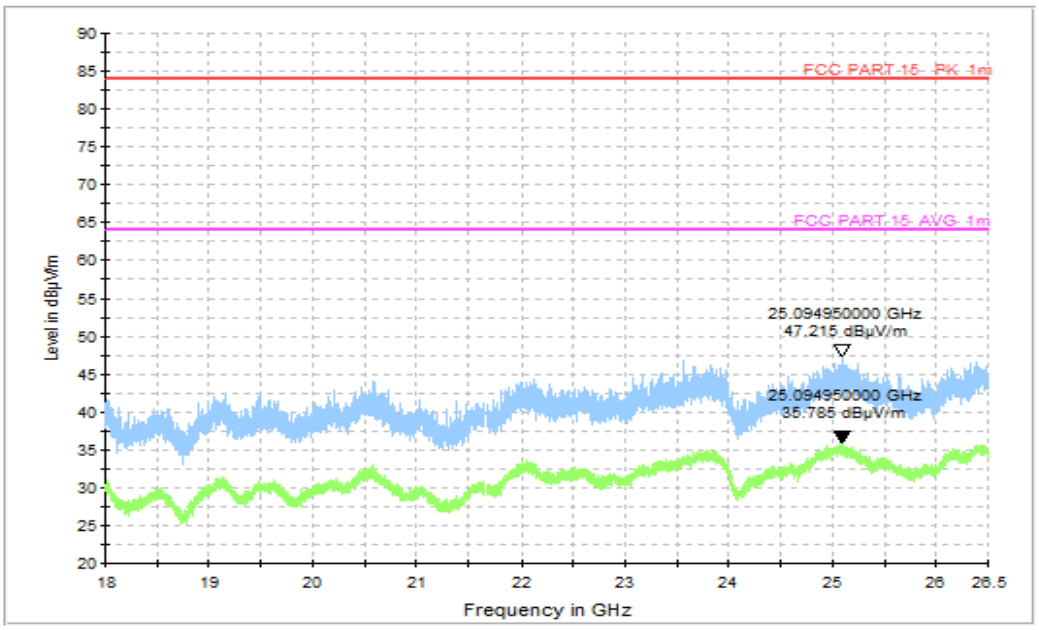


Figure A.1.55. Radiated Emission (Data Transfer: PC TO TF Card, 18GHz to 26.5GHz)

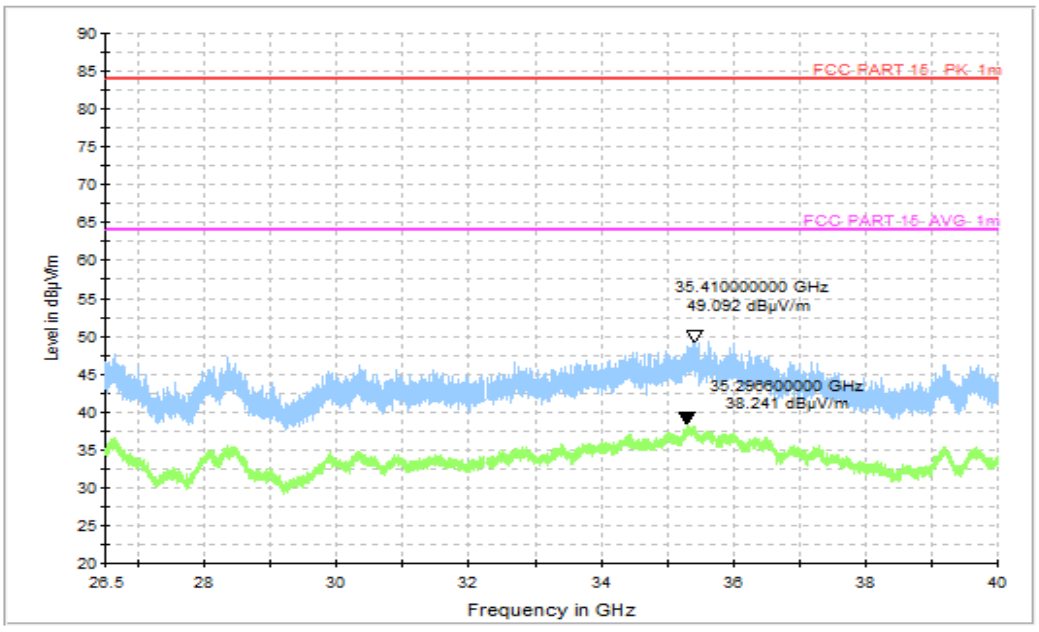


Figure A.1.56. Radiated Emission (Data Transfer: PC TO TF Card, 26.5GHz to 40GHz)

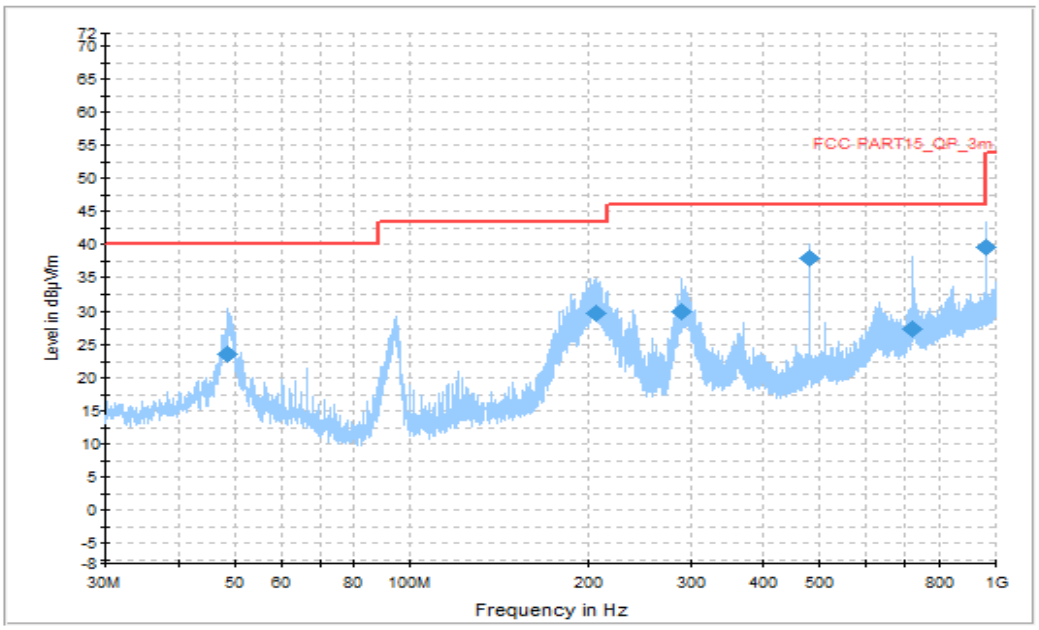


Figure A.1.57. Radiated Emission (Data Transfer: TF Card TO PC, 30MHz to 1GHz)

Final_Results

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	ARpl (dB/m)	P_{Mea} (dBµV)
48.575500	23.66	40.00	16.34	V	-22.15	45.81
206.394500	29.88	43.50	13.62	H	-25.45	55.33
289.475000	30.06	46.00	15.94	H	-22.28	52.34
479.983000	37.98	46.00	8.02	H	-17.39	55.37
720.009500	27.55	46.00	18.45	H	-12.85	40.4
959.987500	39.70	46.00	6.30	H	-8.48	48.18

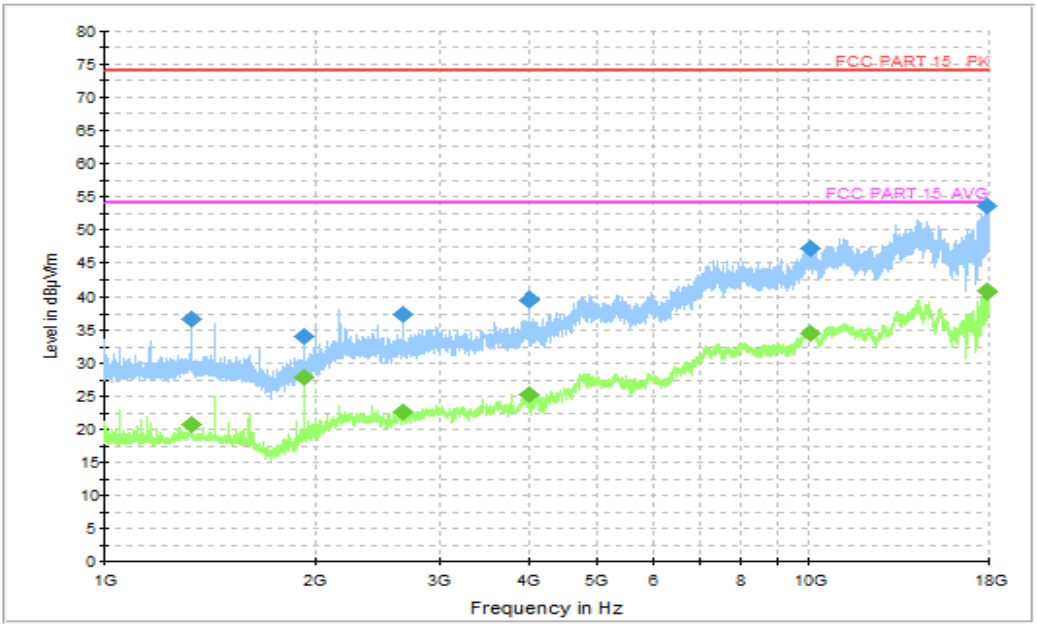


Figure A.1.58. Radiated Emission (Data Transfer: TF Card TO PC, 1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P_{Mea} (dBµV)
1328.200000	36.74	74.00	37.26	V	-19.93	56.67
1919.800000	34.12	74.00	39.88	V	-18.54	52.66
2663.800000	37.49	74.00	36.51	V	-15.42	52.91
3986.400000	39.51	74.00	34.49	V	-11.56	51.07
10039.200000	47.14	74.00	26.86	H	1.64	45.5
17884.400000	53.56	74.00	20.44	H	12.31	41.25

Final_Results_AVG

Frequency(MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P_{Mea} (dBµV)
1328.200000	20.70	54.00	33.30	V	-19.93	40.63
1919.800000	27.74	54.00	26.26	V	-18.54	46.28
2663.800000	22.63	54.00	31.37	V	-15.42	38.05
3986.400000	25.25	54.00	28.75	V	-11.56	36.81
10039.200000	34.57	54.00	19.43	H	1.64	32.93
17884.400000	40.71	54.00	13.29	H	12.31	28.40

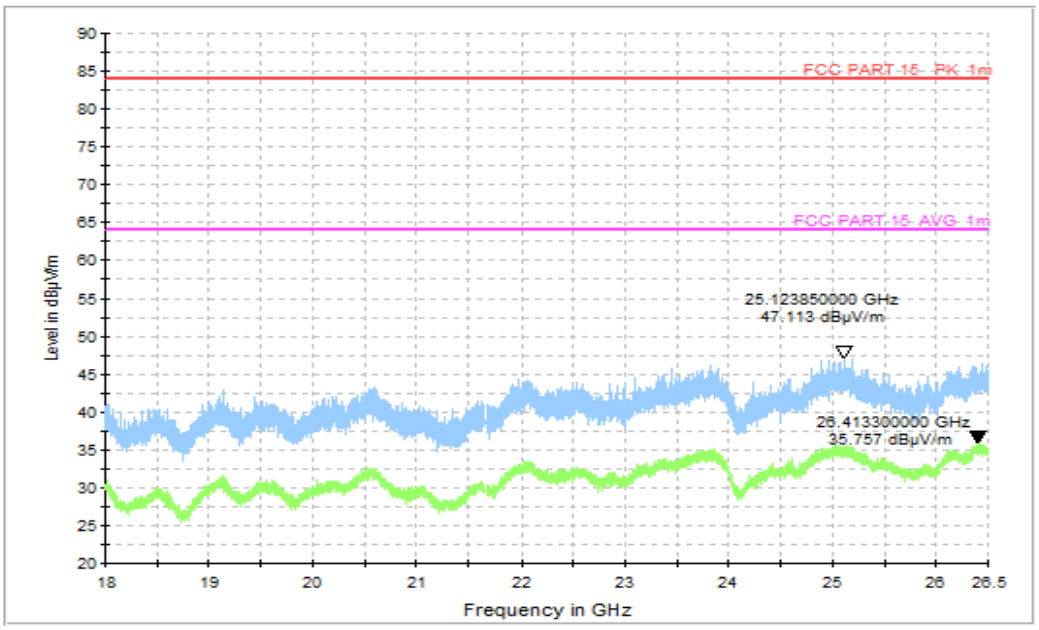


Figure A.1.59. Radiated Emission (Data Transfer: TF Card TO PC, 18GHz to 26.5GHz)

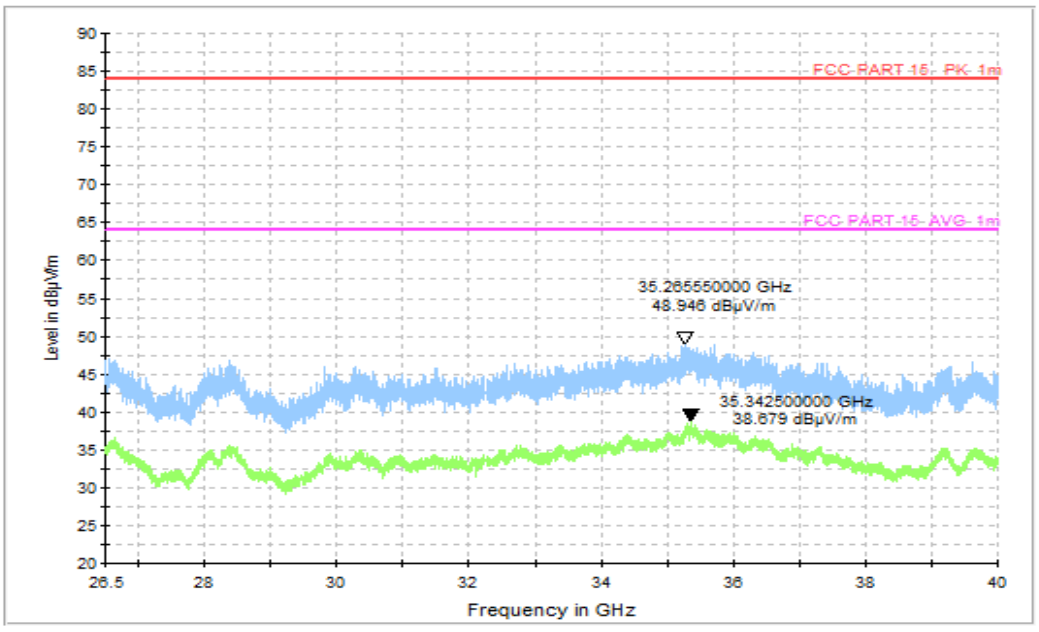


Figure A.1.60. Radiated Emission (Data Transfer: TF Card TO PC, 26.5GHz to 40GHz)

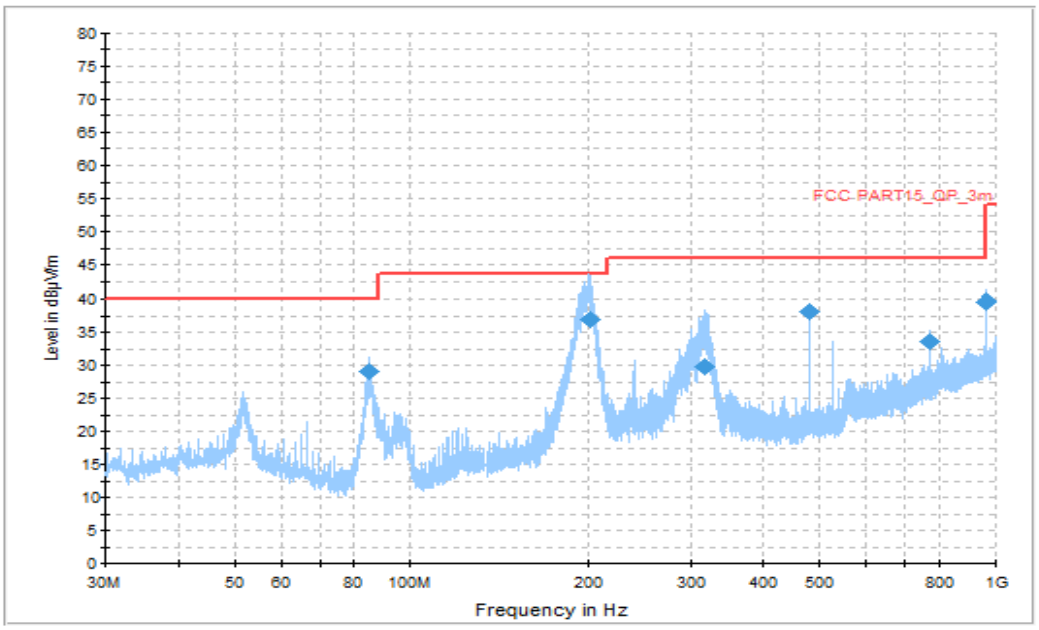


Figure A.1.61. Radiated Emission (Data Transfer: EUT TO PC, 30MHz to 1GHz)

Final_Results

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	ARpl (dB/m)	P_{Mea} (dBµV)
85.144500	29.03	40.00	10.97	H	-26.79	55.82
201.690000	36.91	43.50	6.59	H	-25.60	62.51
317.653500	29.80	46.00	16.20	H	-21.96	51.76
479.983000	38.02	46.00	7.98	V	-17.39	55.41
768.024500	33.51	46.00	12.49	H	-11.83	45.34
959.987500	39.56	46.00	6.44	H	-8.48	48.04

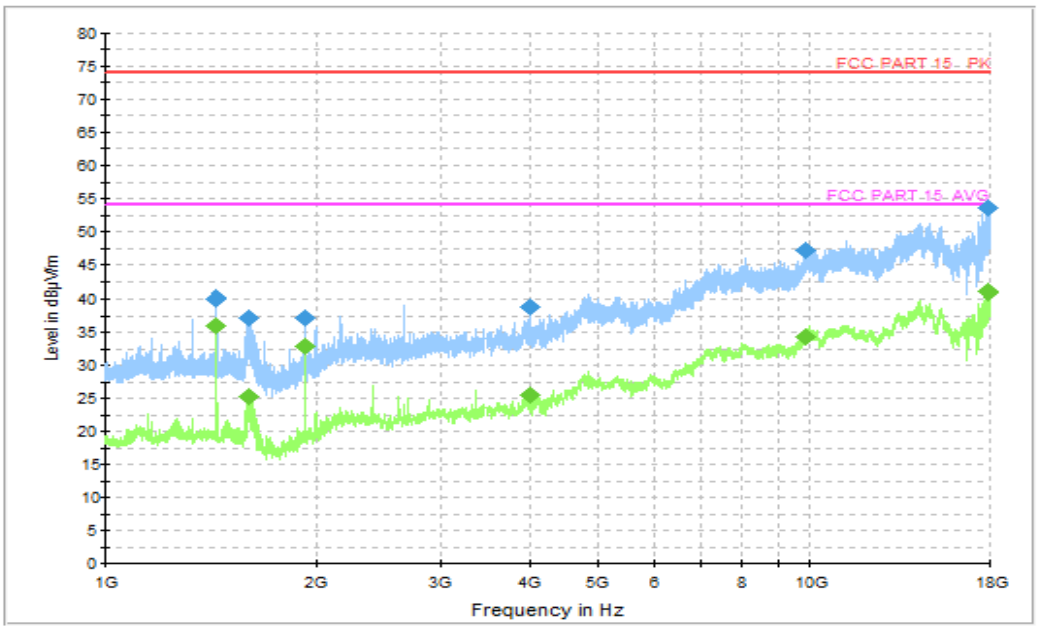


Figure A.1.62. Radiated Emission (Data Transfer: EUT TO PC, 1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P_{Mea} (dBµV)
1440.000000	39.96	74.00	34.04	H	-19.86	59.82
1595.800000	37.05	74.00	36.95	H	-19.76	56.81
1920.000000	37.17	74.00	36.83	H	-18.54	55.71
3985.600000	38.78	74.00	35.22	V	-11.55	50.33
9854.400000	47.15	74.00	26.85	H	1.38	45.77
17872.400000	53.50	74.00	20.50	H	12.25	41.25

Final_Results_AVG

Frequency(MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P_{Mea} (dBµV)
1440.000000	36.04	54.00	17.96	H	-19.86	55.90
1595.800000	25.20	54.00	28.80	H	-19.76	44.96
1920.000000	32.79	54.00	21.21	H	-18.54	51.33
3985.600000	25.41	54.00	28.59	V	-11.55	36.96
9854.400000	34.21	54.00	19.79	H	1.38	32.83
17872.400000	40.84	54.00	13.16	H	12.25	28.59

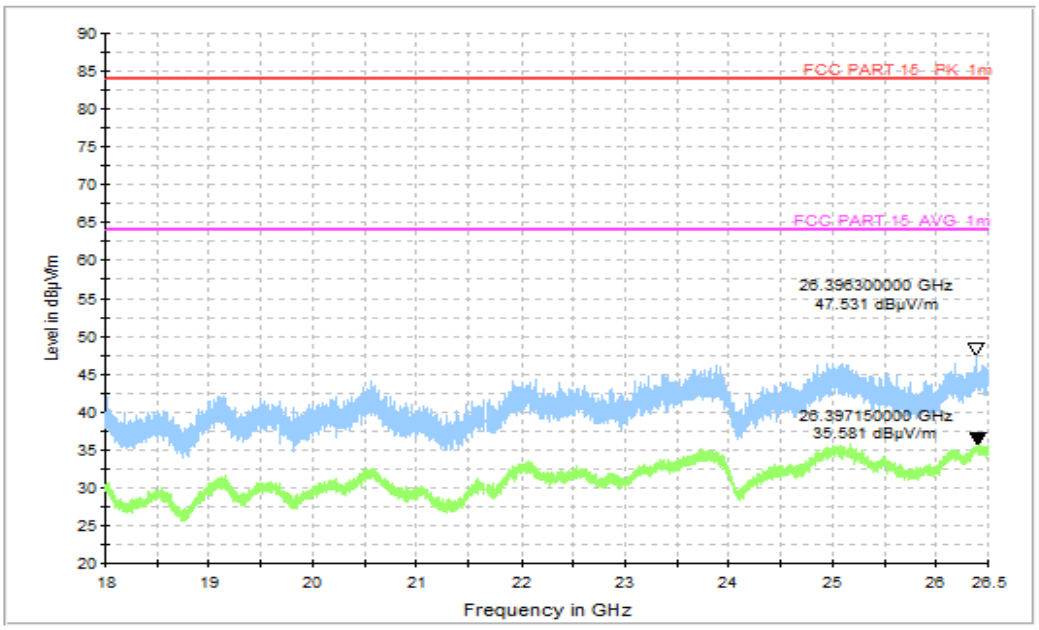


Figure A.1.63. Radiated Emission (Data Transfer: EUT TO PC, 18GHz to 26.5GHz)

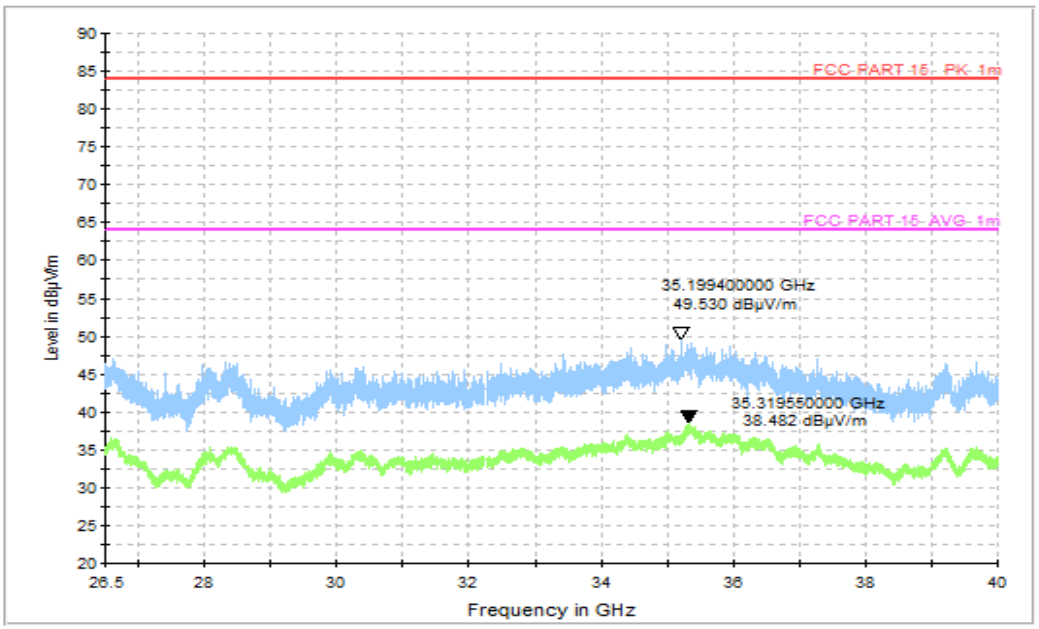


Figure A.1.64. Radiated Emission (Data Transfer: EUT TO PC, 26.5GHz to 40GHz)

A.2 Conducted Emission (§15.107(a))

Reference

FCC: Part 15.107(a)

A.2.1 Method of measurement

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

A.2.2 EUT Operating Mode:

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

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

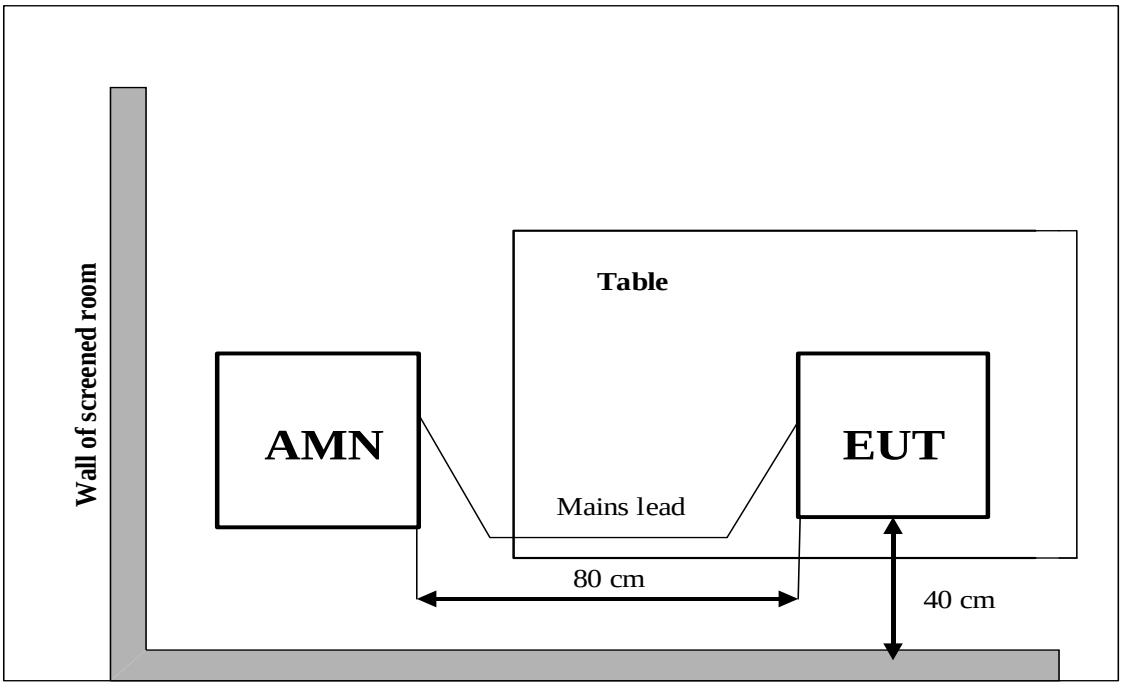
FM receiver: The EUT is connected to a charger for charging. The EUT is synchronized to a FM signal generator. The EUT is keeping on demodulating the FM signal and outputting the audio signal through the headset.

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

A.2.3 Measurement Limit

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

A.2.4Test set-up:



A.2.5 Test Condition in charging mode

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

RBW	Sweep Time(s)
9kHz	1

A.2.6 Measurement Results

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

Where

Corr: PathLoss + Voltage Division Factor

PMea: Measurement result on receiver.

Camera

AC Input Port/ Voltage: 120V/60Hz

Frequency range (MHz)	Quasi-peak Limit (dBμV)	Average Limit (dBμV)	Result (dBμV)	Conclusion
			UT01aa/Set.1	
0.15 to 0.5	66 to 56	56 to 46	See Figure A.2.1.	P
0.5 to 5	56	46		
5 to 30	60	50		
NOTE: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.				

Video Player

AC Input Port/ Voltage: 120V/60Hz

Frequency range (MHz)	Quasi-peak Limit (dBμV)	Average Limit (dBμV)	Result (dBμV) UT01aa/Set.1	Conclusion
0.15 to 0.5	66 to 56	56 to 46	See Figure A.2.2.	P
0.5 to 5	56	46		
5 to 30	60	50		
NOTE: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.				

FM receiver

AC Input Port/ Voltage: 120V/60Hz

Frequency range (MHz)	Quasi-peak Limit (dBμV)	Average Limit (dBμV)	Result (dBμV) UT01aa/Set.1	Conclusion
0.15 to 0.5	66 to 56	56 to 46	See Figure A.2.3.	P
0.5 to 5	56	46		
5 to 30	60	50		
NOTE: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.				

Camera

AC Input Port/ Voltage: 120V/60Hz

Frequency range (MHz)	Quasi-peak Limit (dBμV)	Average Limit (dBμV)	Result (dBμV) UT01aa/Set.2	Conclusion
0.15 to 0.5	66 to 56	56 to 46	See Figure A.2.4.	P
0.5 to 5	56	46		
5 to 30	60	50		
NOTE: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.				

Data Transfer

AC Input Port/ Voltage: 120V/60Hz

Frequency range (MHz)	Quasi-peak Limit (dBμV)	Average Limit (dBμV)	Result (dBμV) UT01aa/Set.3	Conclusion
0.15 to 0.5	66 to 56	56 to 46	See Figure A.2.5.	P
0.5 to 5	56	46		
5 to 30	60	50		
NOTE: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.				

Data Transfer

AC Input Port/ Voltage: 120V/60Hz

Frequency range (MHz)	Quasi-peak Limit (dBμV)	Average Limit (dBμV)	Result (dBμV) UT01aa/Set.4	Conclusion
0.15 to 0.5	66 to 56	56 to 46	See Figure A.2.6.	P
0.5 to 5	56	46		
5 to 30	60	50		
NOTE: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.				

Camera

AC Input Port/ Voltage: 240V/60Hz

Frequency range (MHz)	Quasi-peak Limit (dBμV)	Average Limit (dBμV)	Result (dBμV) UT01aa/Set.1	Conclusion
0.15 to 0.5	66 to 56	56 to 46	See Figure A.2.7.	P
0.5 to 5	56	46		
5 to 30	60	50		
NOTE: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.				

Video Player

AC Input Port/ Voltage: 240V/60Hz

Frequency range (MHz)	Quasi-peak Limit (dBμV)	Average Limit (dBμV)	Result (dBμV) UT01aa/Set.1	Conclusion
0.15 to 0.5	66 to 56	56 to 46	See Figure A.2.8.	P
0.5 to 5	56	46		
5 to 30	60	50		
NOTE: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.				

FM receiver

AC Input Port/ Voltage: 240V/60Hz

Frequency range (MHz)	Quasi-peak Limit (dBμV)	Average Limit (dBμV)	Result (dBμV) UT01aa/Set.1	Conclusion
0.15 to 0.5	66 to 56	56 to 46	See Figure A.2.9.	P
0.5 to 5	56	46		
5 to 30	60	50		
NOTE: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.				

Camera

AC Input Port/ Voltage: 240V/60Hz

Frequency range (MHz)	Quasi-peak Limit (dBμV)	Average Limit (dBμV)	Result (dBμV) UT01aa/Set.2	Conclusion
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: 240V/60Hz

Frequency range (MHz)	Quasi-peak Limit (dBμV)	Average Limit (dBμV)	Result (dBμV) UT01aa/Set.3	Conclusion
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.				

Data Transfer

AC Input Port/ Voltage: 240V/60Hz

Frequency range (MHz)	Quasi-peak Limit (dBμV)	Average Limit (dBμV)	Result (dBμV) UT01aa/Set.4	Conclusion
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.				

AC Input Port/ Voltage: 120V/60Hz

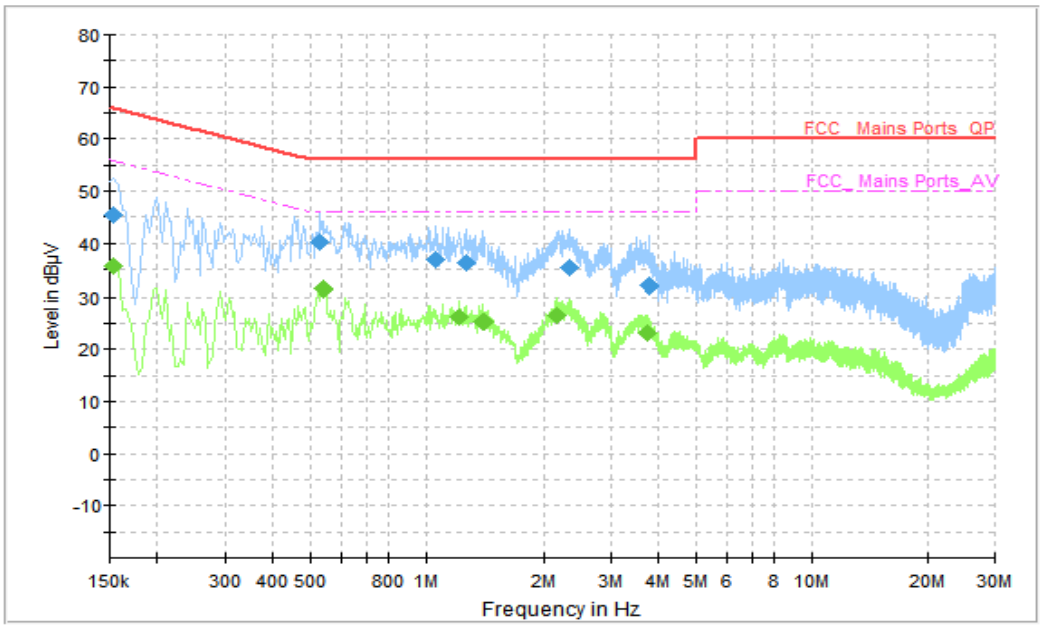


Figure A.2.1. Conducted Emission(Camera)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P_{Mea} (dBµV)
0.154000	45.59	65.78	20.19	N	10	35.59
0.530000	40.32	56.00	15.68	N	10	30.32
1.054000	36.94	56.00	19.06	N	10	26.94
1.270000	36.22	56.00	19.78	N	10	26.22
2.330000	35.26	56.00	20.74	N	10	25.26
3.774000	31.85	56.00	24.15	N	10	21.85

Final_Result_AVG

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P_{Mea} (dBµV)
0.154000	35.58	55.78	20.20	N	10	25.58
0.538000	31.23	46.00	14.77	L1	10	21.23
1.222000	26.25	46.00	19.75	N	10	16.25
1.402000	25.41	46.00	20.59	N	10	15.41
2.178000	26.37	46.00	19.63	N	10	16.37
3.718000	23.01	46.00	22.99	N	10	13.01

AC Input Port/ Voltage: 120V/60Hz

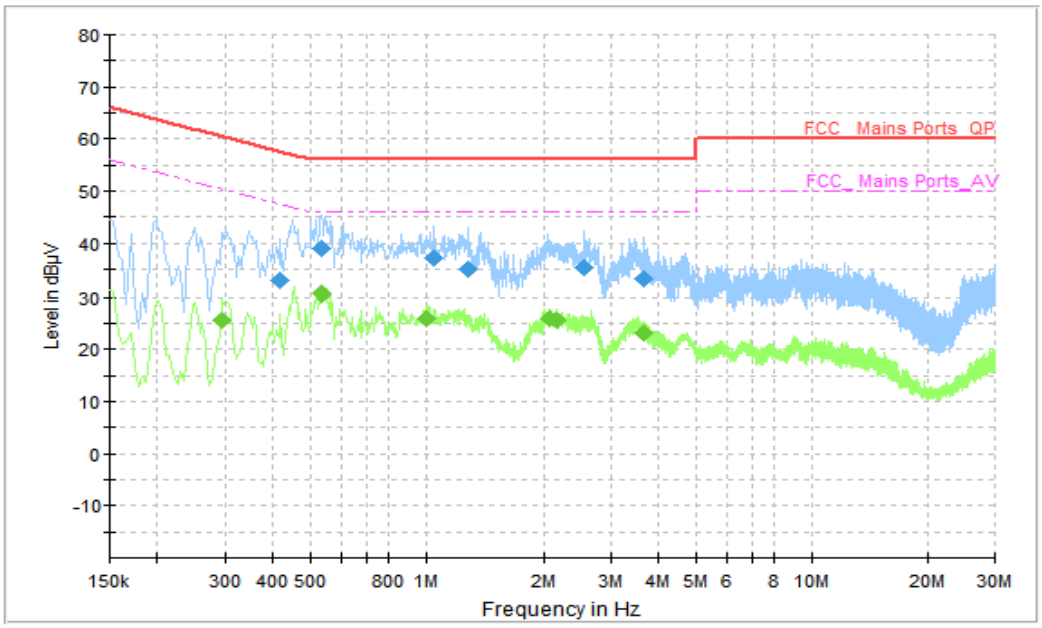


Figure A.2.2. Conducted Emission(Video Player)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P_{Mea} (dBµV)
0.418000	32.92	57.49	24.56	N	10	22.92
0.534000	39.14	56.00	16.86	N	10	29.14
1.046000	37.30	56.00	18.70	N	10	27.30
1.290000	34.93	56.00	21.07	N	10	24.93
2.562000	35.49	56.00	20.51	N	11	24.49
3.638000	33.25	56.00	22.75	N	10	23.25

Final_Result_AVG

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P_{Mea} (dBµV)
0.294000	25.68	50.41	24.73	L1	10	15.68
0.534000	30.51	46.00	15.49	L1	10	20.51
0.998000	25.90	46.00	20.10	N	10	15.90
2.066000	26.01	46.00	19.99	N	10	16.01
2.178000	25.69	46.00	20.31	N	10	15.69
3.650000	23.23	46.00	22.77	N	11	12.23

AC Input Port/ Voltage: 120V/60Hz

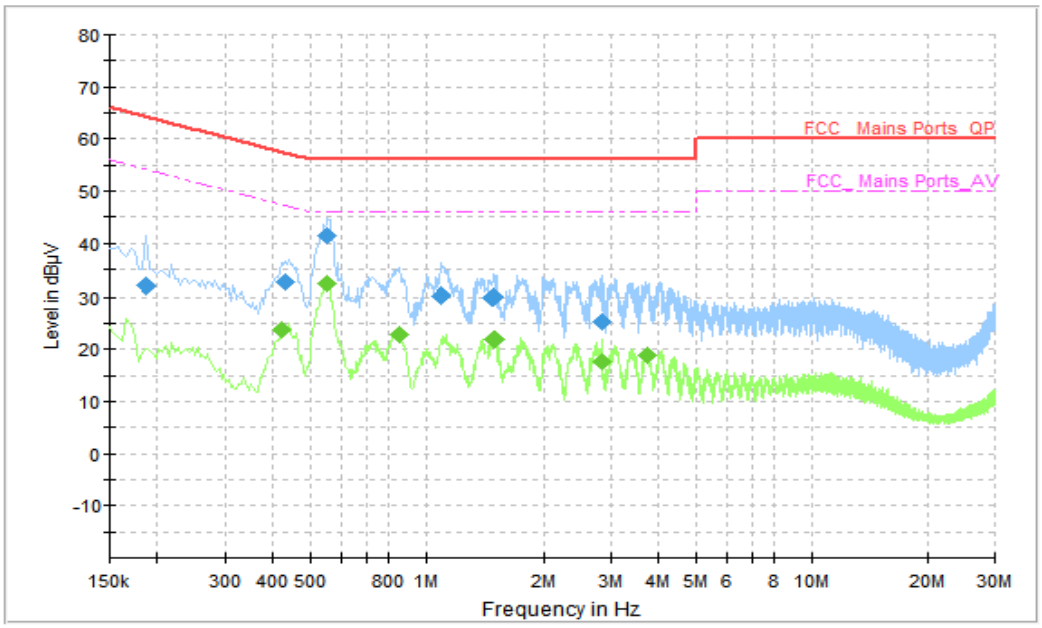


Figure A.2.3. Conducted Emission(FM receiver)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P_{Mea} (dBµV)
0.196000	32.17	64.21	32.05	N	10	22.17
0.427000	32.57	57.25	24.68	N	10	22.57
0.548000	41.45	56.00	14.55	N	10	31.45
1.091000	30.15	56.00	25.85	N	10	20.15
1.492000	29.91	56.00	26.09	N	10	19.91
2.851000	25.36	56.00	30.64	N	10	15.36

Final_Result_AVG

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P_{Mea} (dBµV)
0.423000	23.83	47.41	23.58	N	10	13.83
0.555000	32.33	46.00	13.67	N	10	22.33
0.855000	22.75	46.00	23.25	N	10	12.75
1.492000	21.92	46.00	24.08	N	10	11.92
2.841000	17.63	46.00	28.37	N	10	7.63
3.716000	18.95	46.00	27.05	N	10	8.95

AC Input Port/ Voltage: 120V/60Hz

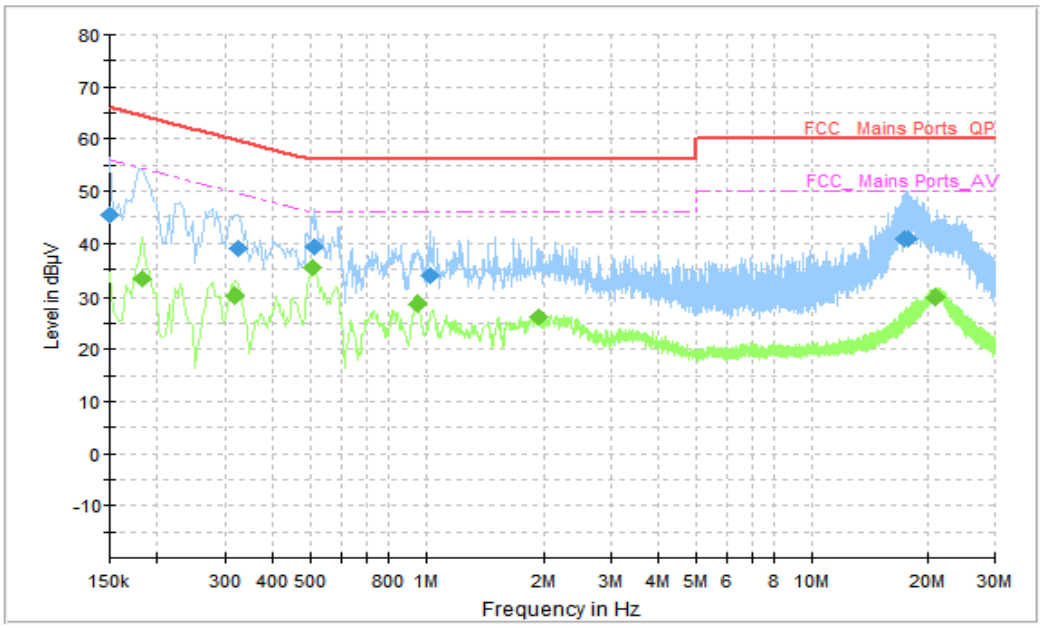


Figure A.2.4. Conducted Emission(Camera)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P_{Mea} (dBµV)
0.150000	45.31	66.00	20.69	N	10	35.31
0.326000	39.11	59.55	20.44	N	10	29.11
0.510000	39.32	56.00	16.68	L1	10	29.32
1.030000	33.92	56.00	22.08	L1	10	23.92
17.462000	40.88	60.00	19.12	N	10	30.88
17.838000	40.86	60.00	19.14	N	10	30.86

Final_Result_AVG

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P_{Mea} (dBµV)
0.182000	33.25	54.39	21.15	N	10	23.25
0.318000	30.16	49.76	19.60	N	10	20.16
0.506000	35.34	46.00	10.66	N	10	25.34
0.950000	28.73	46.00	17.27	N	10	18.73
1.938000	26.08	46.00	19.92	N	10	16.08
21.066000	29.79	50.00	20.21	L1	10	19.79

AC Input Port/ Voltage: 120V/60Hz

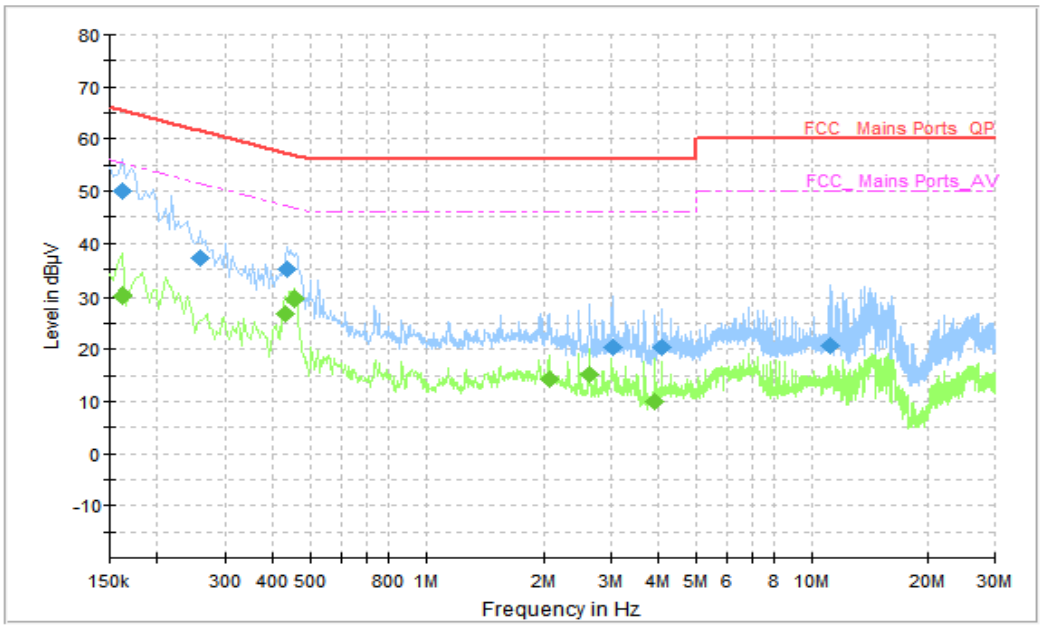


Figure A.2.5. Conducted Emission(Data Transfer)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P_{Mea} (dBµV)
0.162000	50.14	65.36	15.22	L1	10	40.14
0.258000	37.05	61.50	24.44	N	10	27.05
0.434000	35.05	57.18	22.13	L1	10	25.05
3.026000	20.33	56.00	35.67	L1	10	10.33
4.066000	20.40	56.00	35.60	L1	10	10.4
11.142000	20.68	60.00	39.32	N	10	10.68

Final_Result_AVG

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P_{Mea} (dBµV)
0.162000	30.28	55.36	25.08	L1	10	20.28
0.430000	26.74	47.25	20.51	N	10	16.74
0.454000	29.52	46.80	17.28	N	10	19.52
2.070000	14.25	46.00	31.75	L1	10	4.25
2.630000	15.30	46.00	30.70	L1	10	5.3
3.894000	9.94	46.00	36.06	L1	10	-0.06

AC Input Port/ Voltage: 120V/60Hz

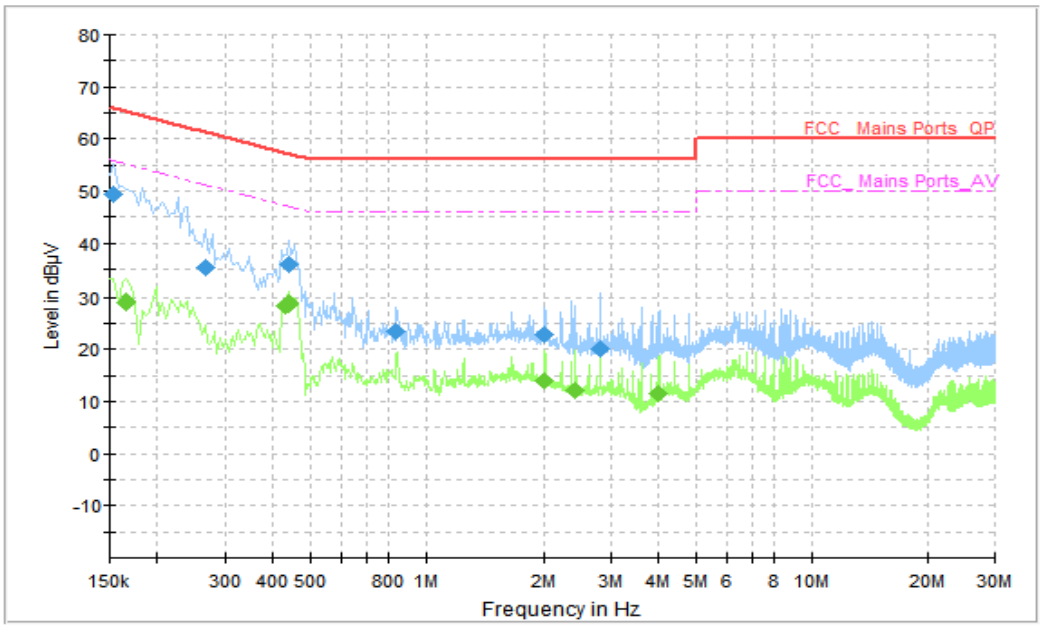


Figure A.2.6. Conducted Emission(Data Transfer)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P_{Mea} (dBµV)
0.154000	49.45	65.78	16.33	N	10	39.45
0.266000	35.49	61.24	25.75	N	10	25.49
0.438000	36.09	57.10	21.01	L1	10	26.09
0.838000	23.46	56.00	32.54	L1	10	13.46
2.014000	22.89	56.00	33.11	L1	10	12.89
2.806000	20.01	56.00	35.99	L1	9	11.01

Final_Result_AVG

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P_{Mea} (dBµV)
0.166000	28.78	55.16	26.37	N	10	18.78
0.430000	28.39	47.25	18.86	N	10	18.39
0.438000	28.51	47.10	18.59	N	10	18.51
2.014000	13.96	46.00	32.04	L1	10	3.96
2.418000	12.19	46.00	33.81	L1	11	1.19
4.002000	11.43	46.00	34.57	L1	11	0.43

AC Input Port/ Voltage: 240V/60Hz

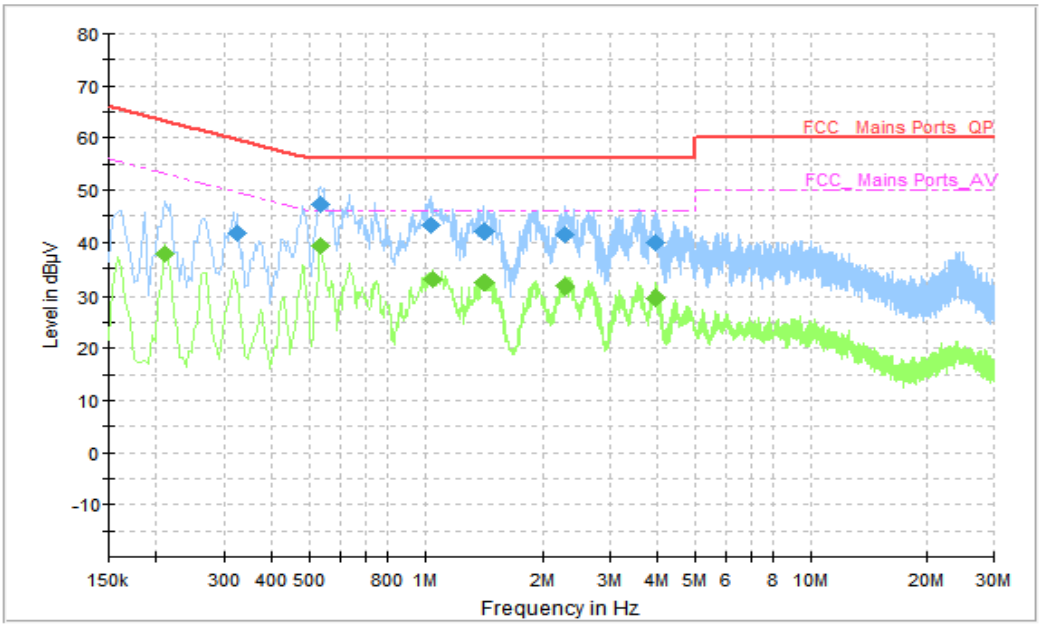


Figure A.2.7. Conducted Emission(Camera)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P_{Mea} (dBµV)
0.326000	41.75	59.55	17.80	N	10	31.75
0.534000	47.36	56.00	8.64	N	10	37.36
1.034000	43.20	56.00	12.80	N	10	33.20
1.422000	42.15	56.00	13.86	N	10	32.15
2.286000	41.61	56.00	14.39	N	10	31.61
3.938000	39.87	56.00	16.13	N	10	29.87

Final_Result_AVG

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P_{Mea} (dBµV)
0.210000	37.93	53.21	15.27	N	10	27.93
0.534000	39.26	46.00	6.74	N	10	29.26
1.046000	32.98	46.00	13.02	N	10	22.98
1.414000	32.43	46.00	13.57	N	10	22.43
2.286000	31.83	46.00	14.17	N	10	21.83
3.938000	29.63	46.00	16.37	N	10	19.63

AC Input Port/ Voltage: 240V/60Hz

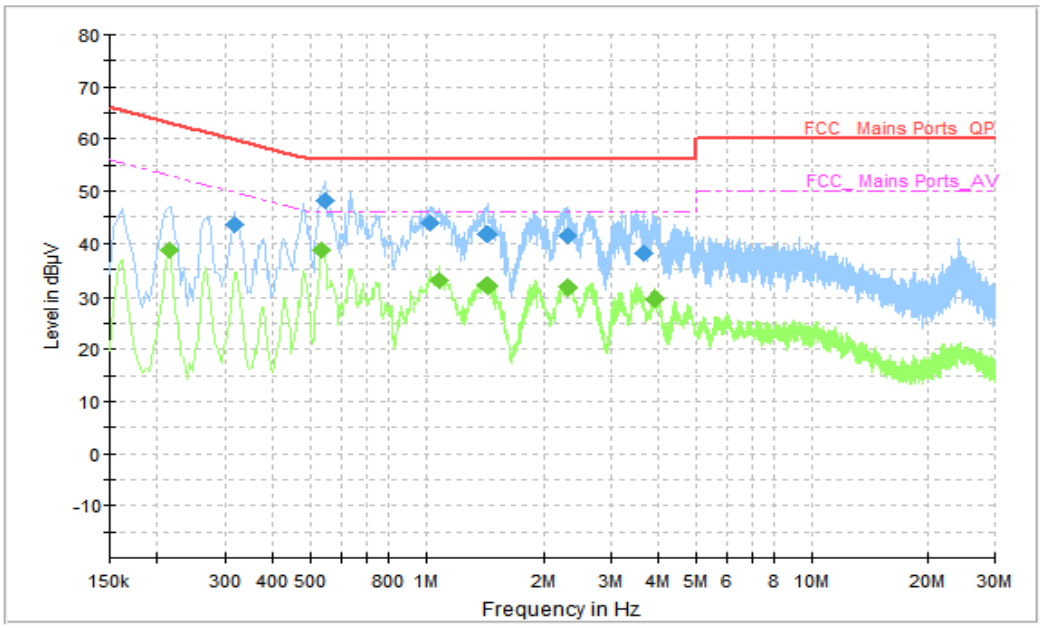


Figure A.2.8. Conducted Emission(Video Player)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P_{Mea} (dBµV)
0.318000	43.73	59.76	16.03	N	10	33.73
0.546000	48.28	56.00	7.72	N	10	38.28
1.030000	43.97	56.00	12.03	N	10	33.97
1.430000	41.88	56.00	14.12	N	10	31.88
2.306000	41.46	56.00	14.54	N	10	31.46
3.654000	38.15	56.00	17.85	N	10	28.15

Final_Result_AVG

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P_{Mea} (dBµV)
0.214000	38.71	53.05	14.34	N	10	28.71
0.534000	38.73	46.00	7.27	N	10	28.73
1.086000	32.87	46.00	13.13	N	10	22.87
1.430000	32.06	46.00	13.94	N	10	22.06
2.322000	31.74	46.00	14.26	N	10	21.74
3.906000	29.48	46.00	16.52	N	10	19.48

AC Input Port/ Voltage: 240V/60Hz

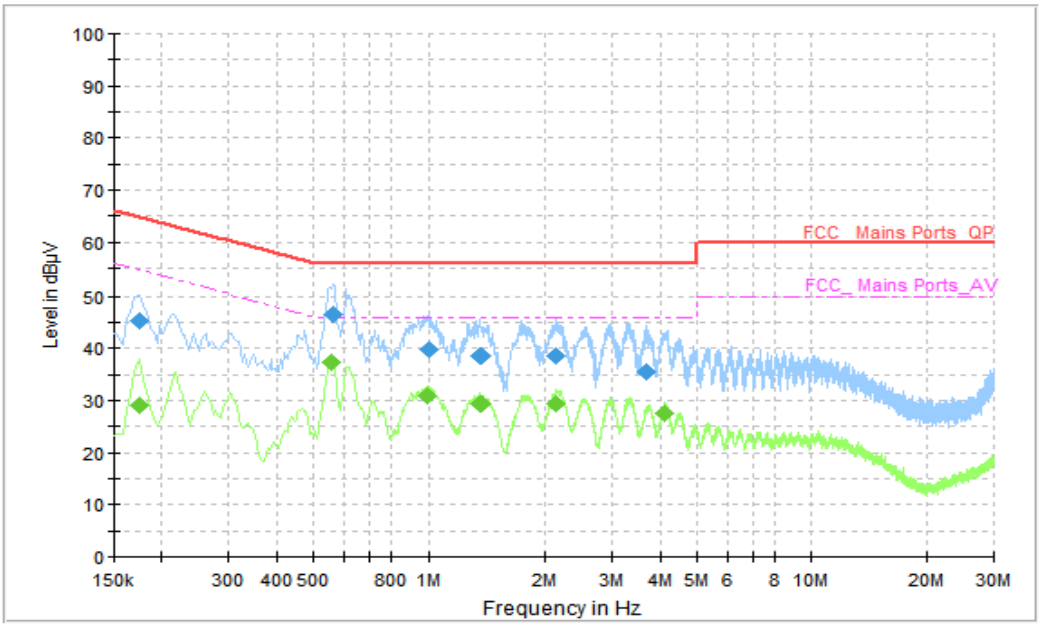


Figure A.2.9. Conducted Emission(FM receiver)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P_{Mea} (dBµV)
0.173000	45.46	64.77	19.31	N	10	35.46
0.561000	46.58	56.00	9.42	N	10	36.58
1.012000	39.89	56.00	16.11	N	10	29.89
1.328000	38.55	56.00	17.45	N	10	28.55
2.238000	38.46	56.00	17.54	N	10	28.46
3.698000	35.58	56.00	20.42	N	10	25.58

Final_Result_AVG

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P_{Mea} (dBµV)
0.172000	29.14	54.77	25.63	N	10	19.14
0.544000	37.34	46.00	8.66	N	10	27.34
0.950000	30.85	46.00	15.15	N	10	20.85
1.368000	29.37	46.00	16.63	N	10	19.37
2.148000	29.32	46.00	16.68	N	10	19.32
4.131000	27.45	46.00	18.55	N	10	17.45

AC Input Port/ Voltage: 240V/60Hz

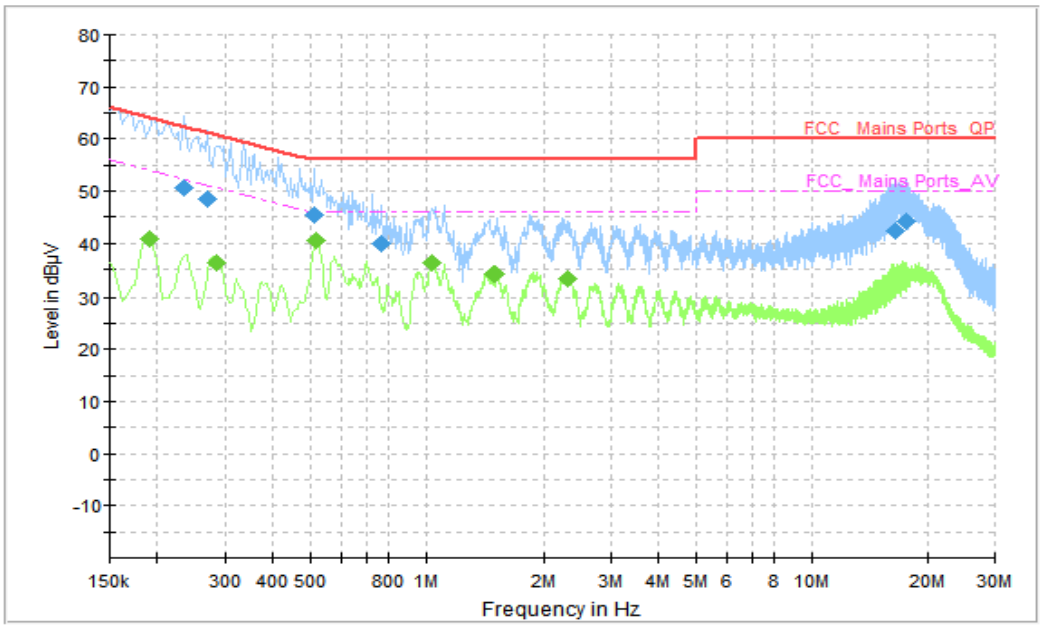


Figure A.2.10. Conducted Emission(Camera)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P_{Mea} (dBµV)
0.234000	50.50	62.31	11.81	N	10	40.50
0.270000	48.40	61.12	12.72	N	10	38.4
0.510000	45.37	56.00	10.63	N	10	35.37
0.766000	40.03	56.00	15.97	L1	10	30.03
16.506000	42.33	60.00	17.67	L1	10	32.33
17.690000	44.10	60.00	15.90	N	10	34.10

Final_Result_AVG

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P_{Mea} (dBµV)
0.190000	40.91	54.04	13.13	L1	10	30.91
0.286000	36.42	50.64	14.22	L1	10	26.42
0.518000	40.57	46.00	5.43	L1	10	30.57
1.038000	36.25	46.00	9.75	L1	10	26.25
1.506000	34.12	46.00	11.88	L1	10	24.12
2.322000	33.33	46.00	12.67	L1	10	23.33

AC Input Port/ Voltage: 240V/60Hz

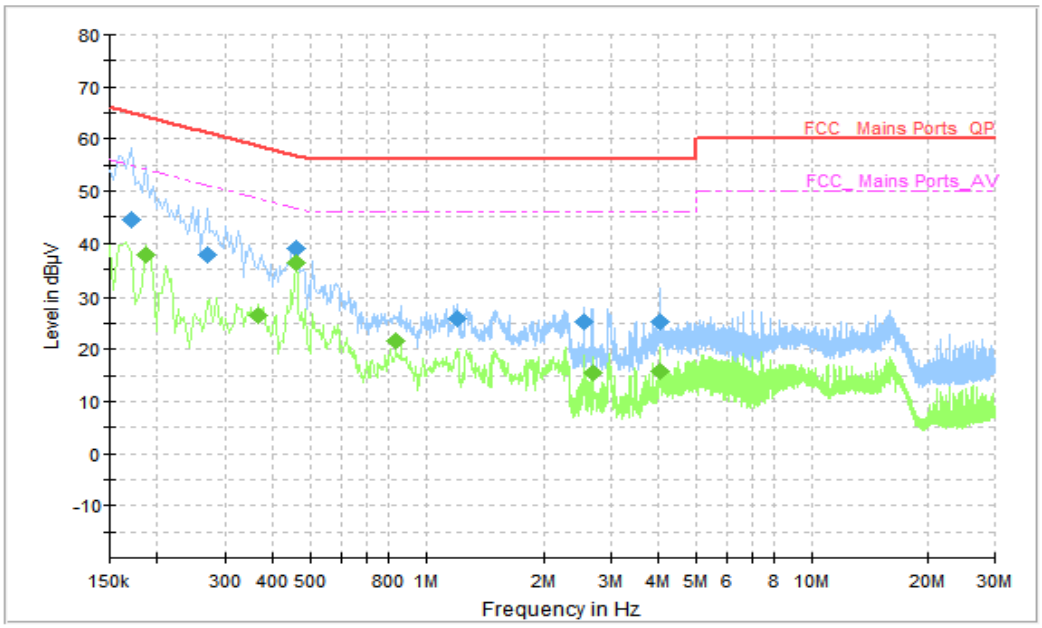


Figure A.2.11. Conducted Emission(Data Transfer)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P_{Mea} (dBµV)
0.170000	44.43	64.96	20.53	N	10	34.43
0.270000	37.69	61.12	23.43	N	10	27.69
0.458000	39.14	56.73	17.59	L1	10	29.14
1.202000	25.81	56.00	30.19	L1	10	15.81
2.542000	25.24	56.00	30.76	N	10	15.24
4.018000	25.21	56.00	30.79	L1	10	15.21

Final_Result_AVG

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P_{Mea} (dBµV)
0.186000	37.90	54.21	16.31	L1	10	27.90
0.366000	26.37	48.59	22.22	N	10	16.37
0.458000	36.28	46.73	10.45	L1	10	26.28
0.834000	21.50	46.00	24.50	L1	10	11.50
2.682000	15.33	46.00	30.67	L1	10	5.33
4.018000	15.67	46.00	30.33	L1	10	5.67

AC Input Port/ Voltage: 240V/60Hz

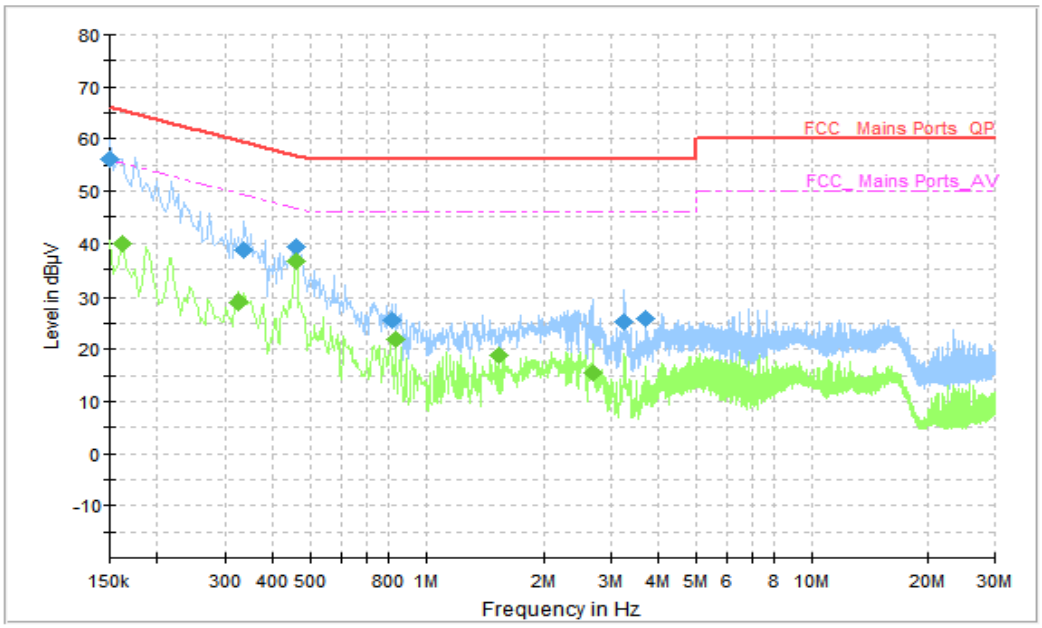


Figure A.2.12. Conducted Emission(Data Transfer)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P_{Mea} (dBµV)
0.150000	56.00	66.00	10.00	N	10	46.00
0.334000	38.67	59.35	11.68	N	10	28.67
0.458000	39.35	56.73	17.38	L1	10	29.35
0.818000	25.61	56.00	30.39	N	10	15.61
3.254000	25.22	56.00	30.78	N	10	15.22
3.694000	25.86	56.00	30.14	L1	10	15.86

Final_Result_AVG

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P_{Mea} (dBµV)
0.162000	40.01	55.36	15.35	L1	10	30.01
0.326000	28.78	49.55	20.77	N	10	18.78
0.458000	36.56	46.73	10.17	L1	10	26.56
0.834000	22.02	46.00	23.98	L1	10	12.02
1.534000	18.87	46.00	27.13	L1	10	8.87
2.690000	15.49	46.00	30.51	N	10	5.49

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