



TEST REPORT

No.B22N02534-EMC

for

TCL Communication Ltd.

GSM/UMTS/LTE /NR Mobile phone

Model Name: T609DL

With

Hardware Version: 04

Software Version: JSS8

FCC ID:2ACCJH168

Issued Date: 2022-12-15

Designation Number: CN1210

Note:

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

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No.B22N02534-EMC

REPORT HISTORY

Report Number	Revision	Description	Issue Date
B22N02534-EMC	Rev.0	1st edition	2022-12-15

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	GSM/UMTS/LTE /NR Mobile phone
Model Name	T609DL
Applicant's name	TCL Communication Ltd.
Manufacturer's Name	TCL Communication Ltd.

1.2. Test Standards

FCC Part 15, Subpart B (10-1-2021 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: 2022-12-06

Testing End Date: 2022-12-14

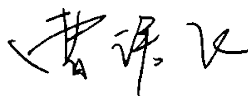
1.6. Signature



Liang Yong
(Prepared this test report)



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(Reviewed this test report)



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(Approved this test report)



2. CLIENT INFORMATION

2.1. Applicant Information

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2.2. Manufacturer Information

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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	T609DL
FCC ID	2ACCJH168
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
UT03aa	016320000014344	04	JSS8	2022-12-05
UT05aa	016320000013742	04	JSS8	2022-12-05

*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
AE1-1	
Model	TLp048D7
S/N	CAC4850007C7
Manufacturer	VEKEN
Capacity	5000mAh
Nominal Voltage	3.85 V
AE2-1	
Model	CBA0064BGTC5
Manufacturer	PUAN
AE2-2	
Model	CBA0064BGTC1
Manufacturer	BYD
AE3-1	
Model	CDA0000198C1
Manufacturer	JUWEI
AE3-2	
Model	CDA0000198C2
Manufacturer	SHENGHUA
AE3-3	



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Model CDA0000201C2

Manufacturer SHENGHUA

AE3-4

Model CDA0000202C1

Manufacturer JUWEI

*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	
Set.2	EUT+AE1-1+AE2-2+AE3-2	
Set.3	EUT+AE1-1+AE3-1+PC	
Set.4	EUT+AE1-1+AE3-2+PC	
Set.5	EUT+AE1-1+AE3-3+PC	
Set.6	EUT+AE1-1+AE3-4+PC	
Set.7	EUT+AE1-1+AE2-1+AE4	

3.5. General Description

The Equipment Under Test (EUT) is a model of GSM/UMTS/LTE /NR Mobile phone.

It supports GSM 850/900/1800/1900MHz, WCDMA Bands 1/2/4/5/8,

LTE Bands 2/3/4/5/7/12/13/20/25/26/28/41/48/66/71, 5G NR Bands

n2/3/n25/n30/n41/n66/n71/n77

and ENDC Bands DC_2A_n2A/DC_5A_n2A/DC_12A_n2A

/DC_13A_n2A/DC_66A_n2A/DC_2A_n5A/DC_66A_n5A/DC_2A_n25A/DC_66A_n25A/DC_12_n

25A/DC_2A_n30A/DC_5A_n30A/DC_12A_n30A/DC_66A_n30A/DC_2A_n41A/DC_66A_n41A/D

C_2A_n66A/DC_5A_n66A/DC_12A_n66A/DC_13A_n66A/DC_66A_n66A/DC_2A_n71A/DC_66A

_n71A/DC_2A_n77A/DC_5A_n77A/DC_12A_n77A/DC_13A_n77A/DC_66A_n77A.

It has Video Player, Camera, FM receiver, USB memory, Bluetooth, Wi-Fi and GNSS functions.

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

Manual and specifications of the EUT were provided to fulfill the test.

Samples (EUT+AE) undergoing test were selected by the Client. Relevant information is provided by the client.

4. REFERENCE DOCUMENTS

4.1. Reference Documents for Testing

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

Reference	Title	Version
FCC Part 15, Subpart B	Radio frequency devices	(10-1-2021 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

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

Temperature	Min. = 15 °C, Max. = 35 °C
Relative humidity	Min. =20 %, Max. = 75 %
Shielding effectiveness	0.014MHz-1MHz> 60 dB; 1MHz-18000MHz>90 dB
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	Section in this report	Verdict
1	Radiated Emission	15.109(a)	A.1	P
2	Conducted Emission	15.107(a)	A.2	P

6.3. Statement

6.3.1 Statements of conformity

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

7. MEASUREMENT UNCERTAINTY

Test item	Frequency ranges	Measurement uncertainty
Radiated Emission	30MHz-1GHz	4.86dB(k=2)
	1GHz-18GHz	4.82dB(k=2)
	18GHz-40GHz	2.90dB(k=2)
Conducted Emission	150kHz-30MHz	2.62dB(k=2)

8. MEASURING APPARATUS UTILIZED

No.	Name	Model	Serial Number	Manufacturer	Calibration Due date	Calibration Period
1.	Test Receiver	ESR7	101676	R&S	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	2025.03.15	3 years
6.	LISN	ENV216	102067	R&S	2023.07.11	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	6201563766	Anritsu	2023.01.12	1 year
12.	Universal Radio Communication Tester	MT8000A	6261987936	Anritsu	2023.03.29	1 year
13.	Horn Antenna	QSH-SL-18-2 6-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



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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.

5G NR receiver: The EUT is connected to a charger for charging. The EUT is synchronized to System Simulator (SS), and able to respond to paging messages and incoming call. An established call has been released.

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

GSM850MHz, WCDMA Band5, LTE Band 5, LTE Band 12 and LTE Band 13.

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



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case emissions are reported.

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

A.1.3 Measurement Limit

Limit from Part 15.109(a)

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

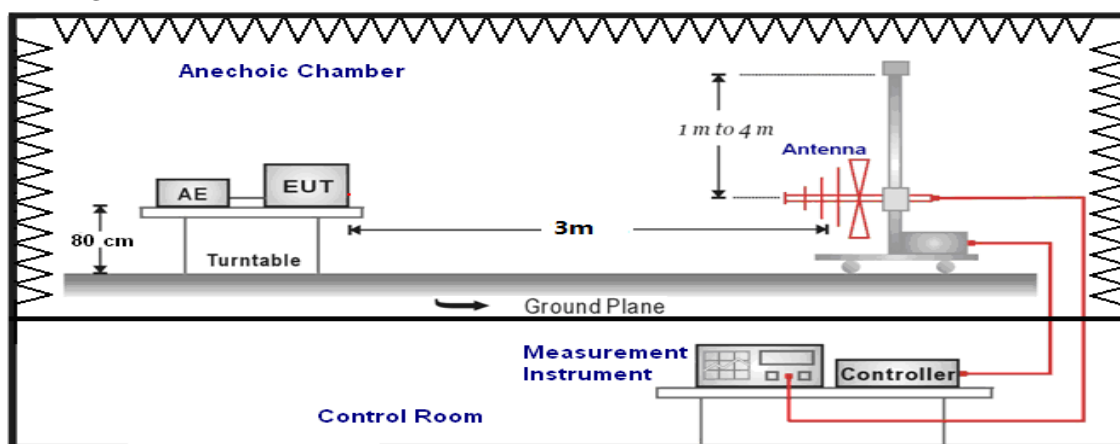
*Note: The original limit is defined at 10m test distance. This limit is calculated according to CISPR requirements.

A.1.4 Test Condition

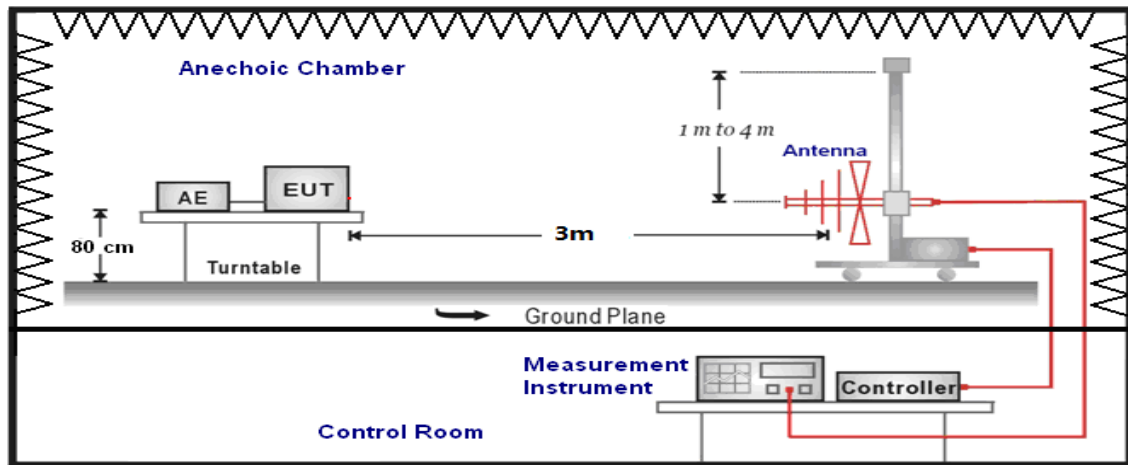
Frequency of emission (MHz)	RBW/VBW	Sweep Time(s)
30-1000	120kHz (IF bandwidth)	5
Above 1000	1MHz/3MHz	15

A.1.5 Test set-up:

30MHz-1GHz



1GHz-40GHz



A.1.6 Measurement Results

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

The measurement results are obtained as described below:

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

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.	

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.1.5.	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.	

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.1.9.	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.	

FM receiver

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.	

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.1.17.	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.	

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.1.21.	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 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.1.25.	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 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.1.29.	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 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.1.33.	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.	

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.1.37.	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.1	
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.	

Data Transfer

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.	

Data Transfer

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.	

Data Transfer

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.	

Data Transfer

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.1.53.	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.6	
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.	

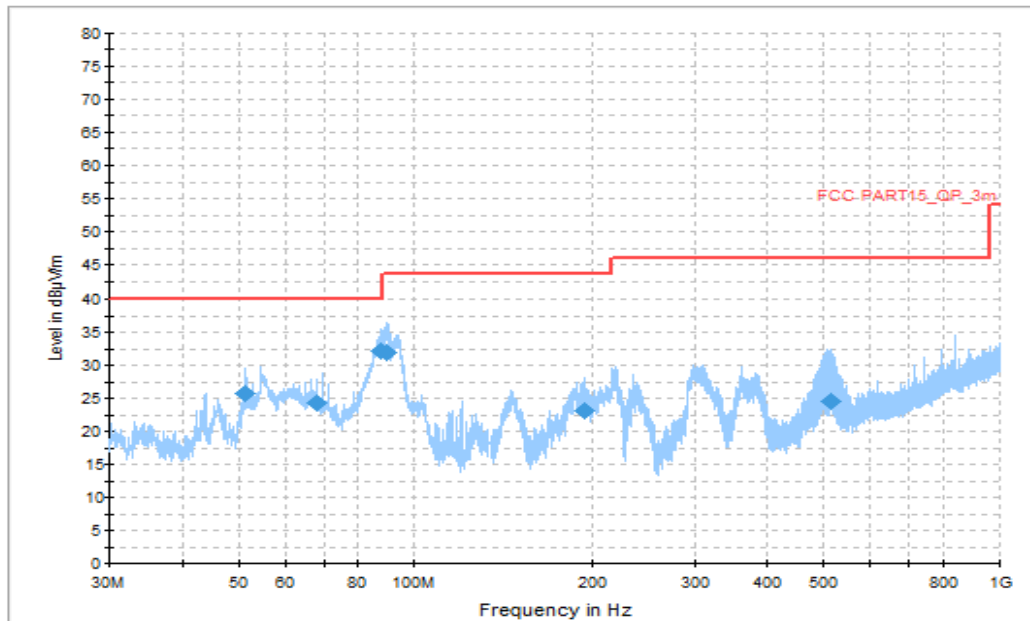


Figure A.1.1. Radiated Emission (Camera, 30MHz to 1GHz)

Final_Results

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	ARpl (dB/m)	PMea (dBμV)
51.437000	25.77	40.00	14.24	V	-22.32	48.09
68.072500	24.40	40.00	15.60	V	-24.37	48.77
87.860500	32.15	40.00	7.85	H	-26.81	58.96
89.703500	31.89	43.50	11.61	V	-26.82	58.71
193.736000	23.15	43.50	20.35	V	-25.44	48.59
512.429500	24.55	46.00	21.45	V	-16.67	41.22

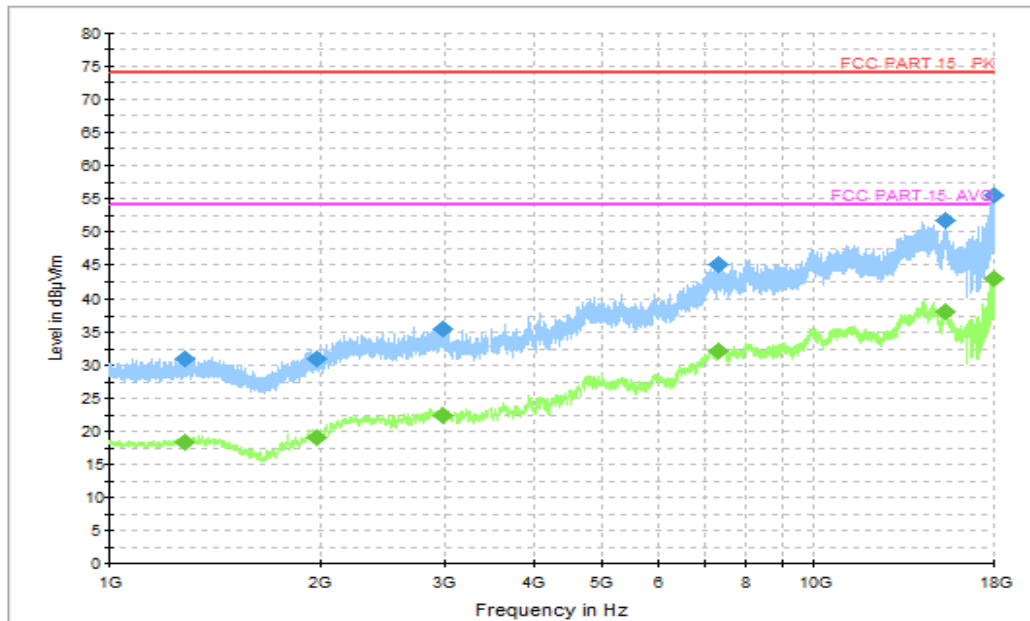


Figure A.1.2. Radiated Emission (Camera, 1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	PMea (dBμV)
1282.200000	30.96	74.00	43.04	V	-20.17	51.13
1967.200000	31.01	74.00	42.99	V	-18.23	49.24
2980.800000	35.49	74.00	38.51	H	-14.31	49.80
7315.200000	44.97	74.00	29.03	V	-0.97	45.94
15345.000000	51.68	74.00	22.32	H	5.88	45.8
17983.600000	55.48	74.00	18.52	V	12.82	42.66

Final_Results_AVG

Frequency(MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	PMea (dBμV)
1282.200000	18.4	54.0	35.6	V	-20.2	38.60
1967.200000	19.1	54.0	34.9	V	-18.2	37.3
2980.800000	22.5	54.0	31.5	H	-14.3	36.80
7315.200000	32.1	54.0	21.9	V	-1.0	33.10
15345.000000	38.2	54.0	15.8	H	5.9	32.3
17983.600000	42.8	54.0	11.2	V	12.8	30.00

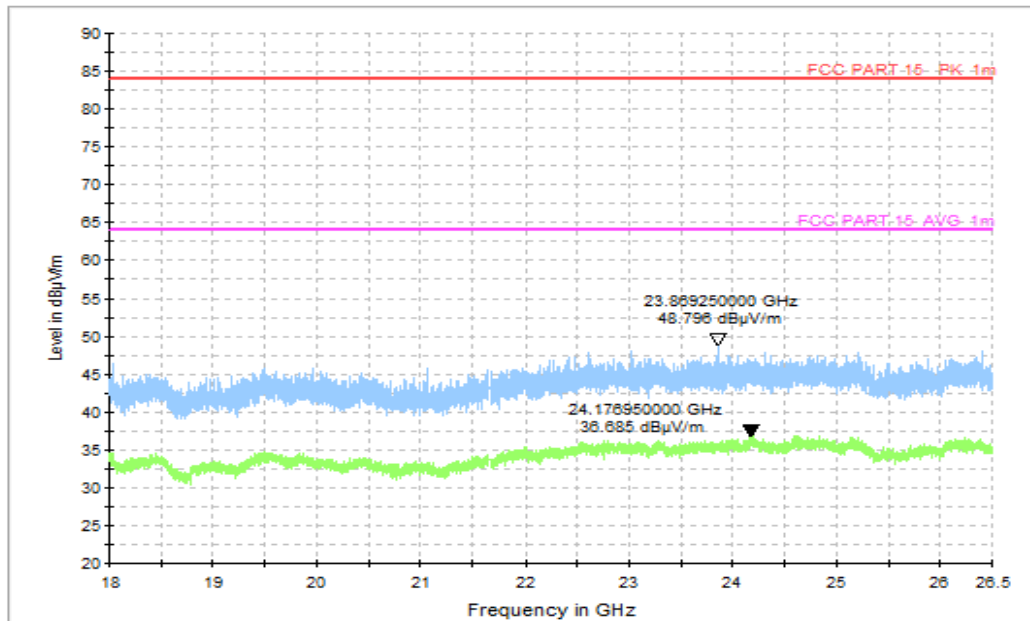


Figure A.1.3. Radiated Emission (Camera , 18GHz to 26.5GHz)

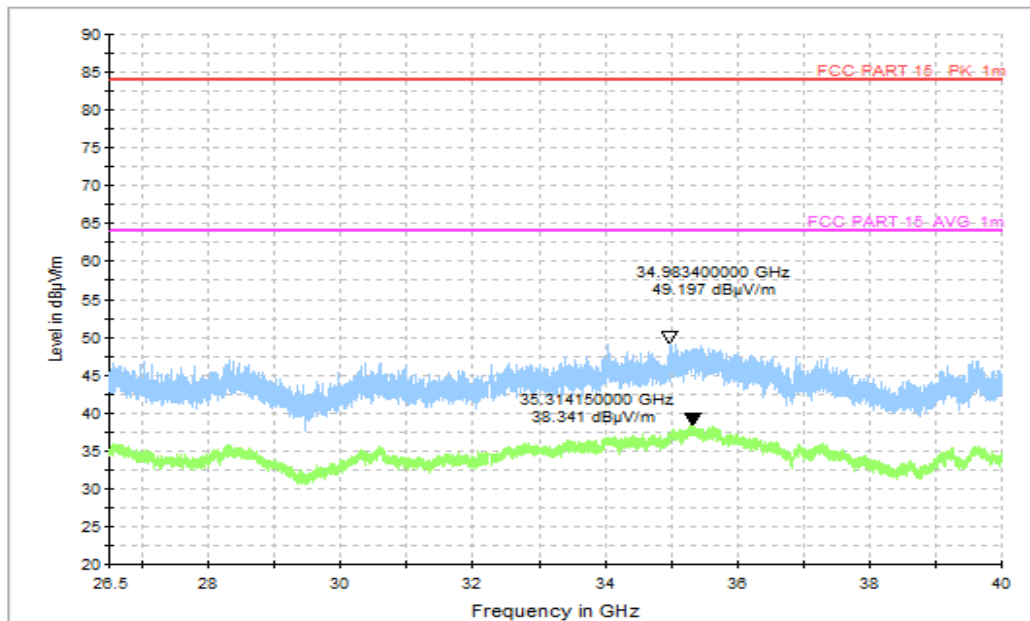


Figure A.1.4. Radiated Emission (Camera , 26.5GHz to 40GHz)

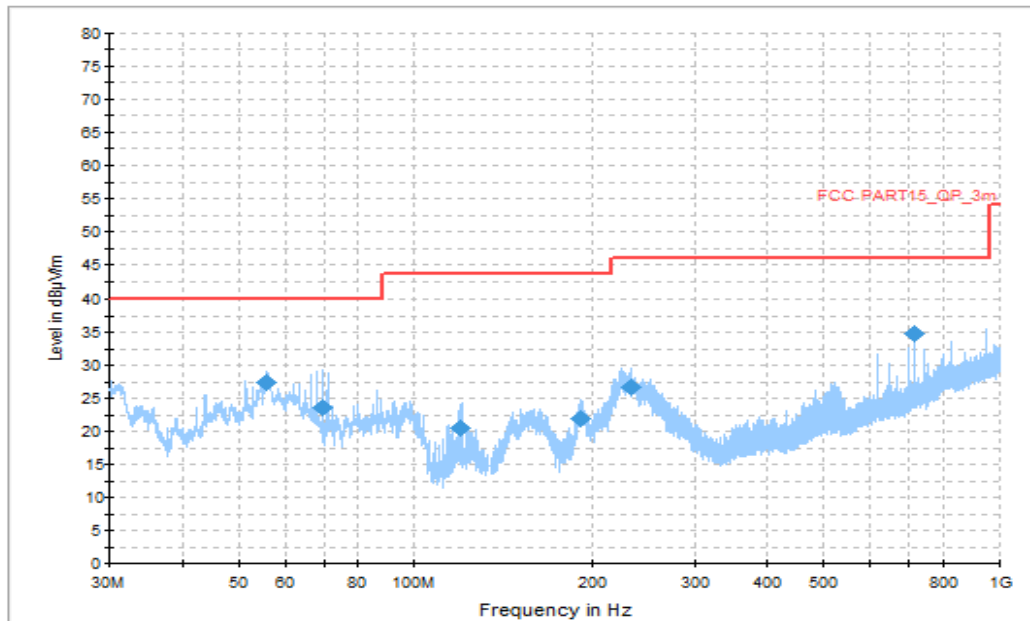


Figure A.1.5. Radiated Emission (Camera, 30MHz to 1GHz)

Final_Results

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	ARpl (dB/m)	PMea (dBμV)
55.656500	27.49	40.00	12.51	V	-22.66	50.15
69.527500	23.56	40.00	16.44	V	-24.61	48.17
119.482500	20.53	43.50	22.97	V	-24.19	44.72
191.553500	21.80	43.50	21.70	V	-25.36	47.16
233.312000	26.77	46.00	19.22	V	-24.02	50.79
713.995500	34.68	46.00	11.32	H	-12.99	47.67

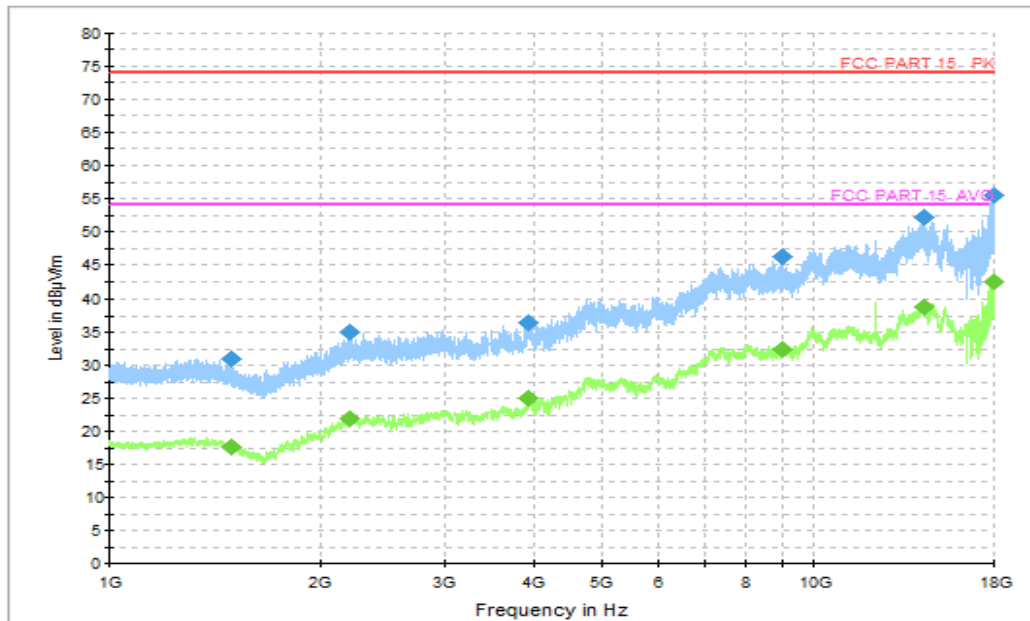


Figure A.1.6. Radiated Emission (Camera, 1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	PMea (dBμV)
1488.800000	30.89	74.00	43.11	H	-19.98	50.87
2203.600000	34.94	74.00	39.06	V	-15.97	50.91
3917.600000	36.44	74.00	37.56	H	-10.72	47.16
9010.400000	46.07	74.00	27.93	V	-0.78	46.85
14303.500000	52.05	74.00	21.95	V	6.70	45.35
17980.400000	55.53	74.00	18.47	H	12.81	42.72

Final_Results_AVG

Frequency(MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	PMea (dBμV)
1488.800000	17.55	54.00	36.45	H	-19.98	37.53
2203.600000	21.97	54.00	32.03	V	-15.97	37.94
3917.600000	24.94	54.00	29.06	H	-10.72	35.66
9010.400000	32.36	54.00	21.64	V	-0.78	33.14
14303.500000	38.69	54.00	15.31	V	6.70	31.99
17980.400000	42.47	54.00	11.53	H	12.81	29.66

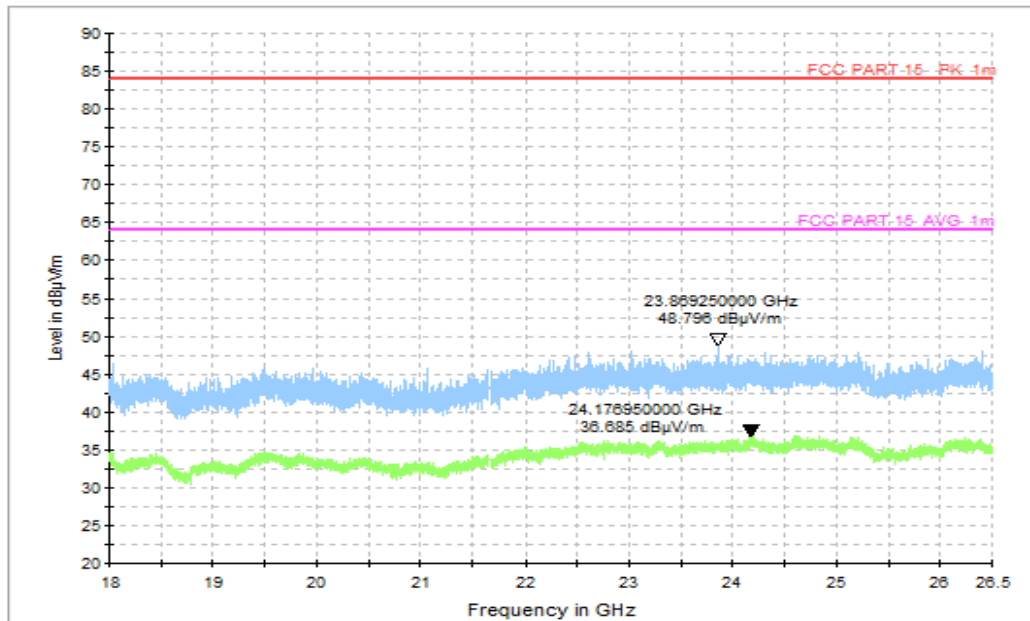


Figure A.1.7. Radiated Emission (Camera , 18GHz to 26.5GHz)

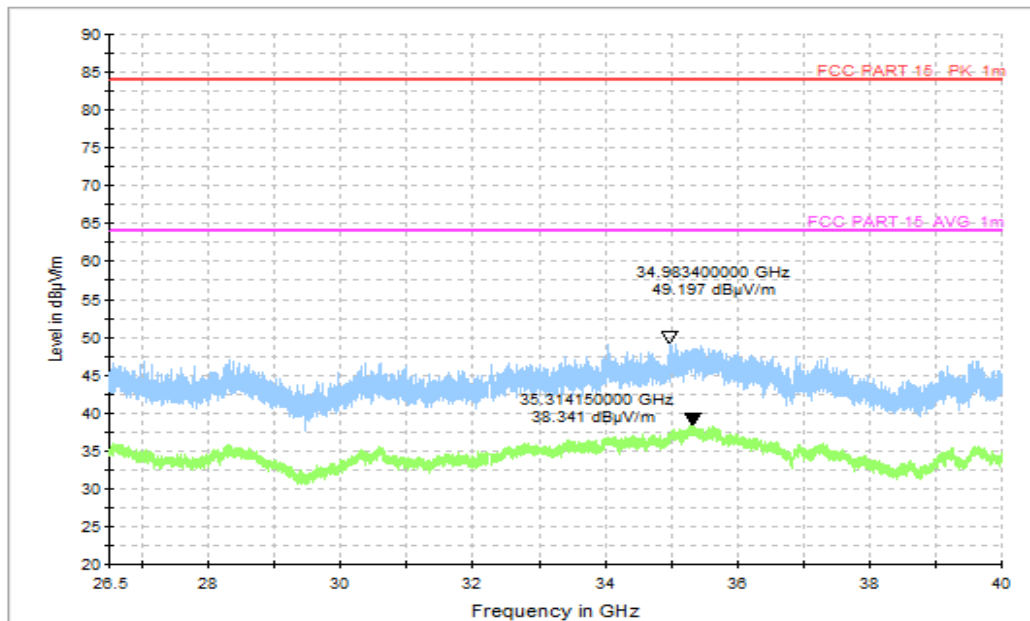


Figure A.1.8. Radiated Emission (Camera , 26.5GHz to 40GHz)

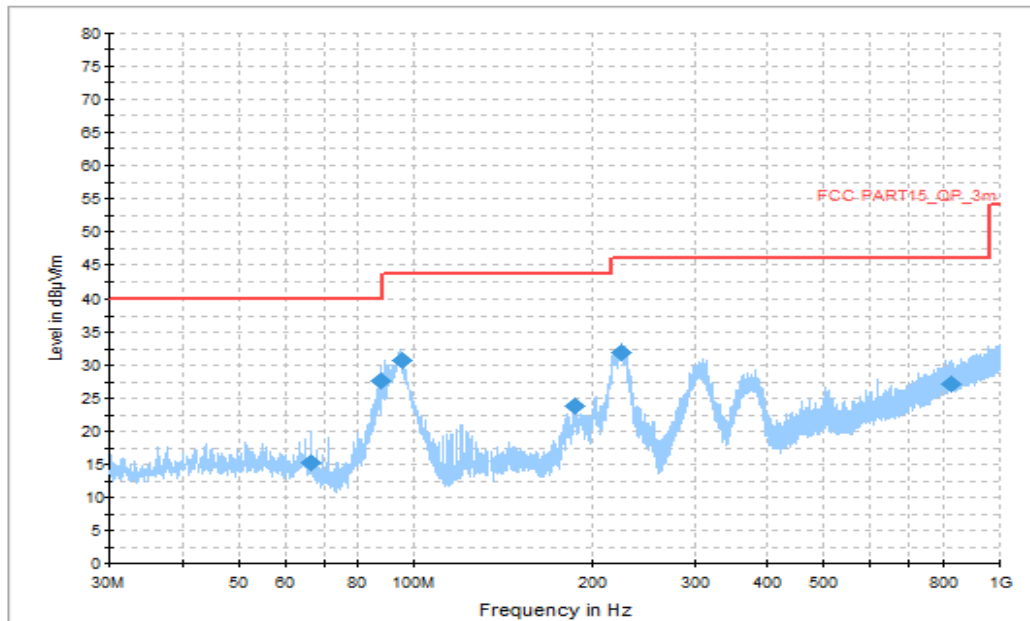


Figure A.1.9. Radiated Emission (Video Player, 30MHz to 1GHz)

Final_Results

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	ARpl (dB/m)	PMea (dBμV)
66.569000	15.27	40.00	24.73	H	-24.12	39.39
87.424000	27.61	40.00	12.39	H	-26.81	54.42
95.135500	30.79	43.50	12.71	V	-26.47	57.26
187.625000	23.71	43.50	19.79	H	-25.22	48.93
224.970000	31.97	46.00	14.03	H	-24.61	56.58
822.684000	27.09	46.00	18.91	H	-10.76	37.85

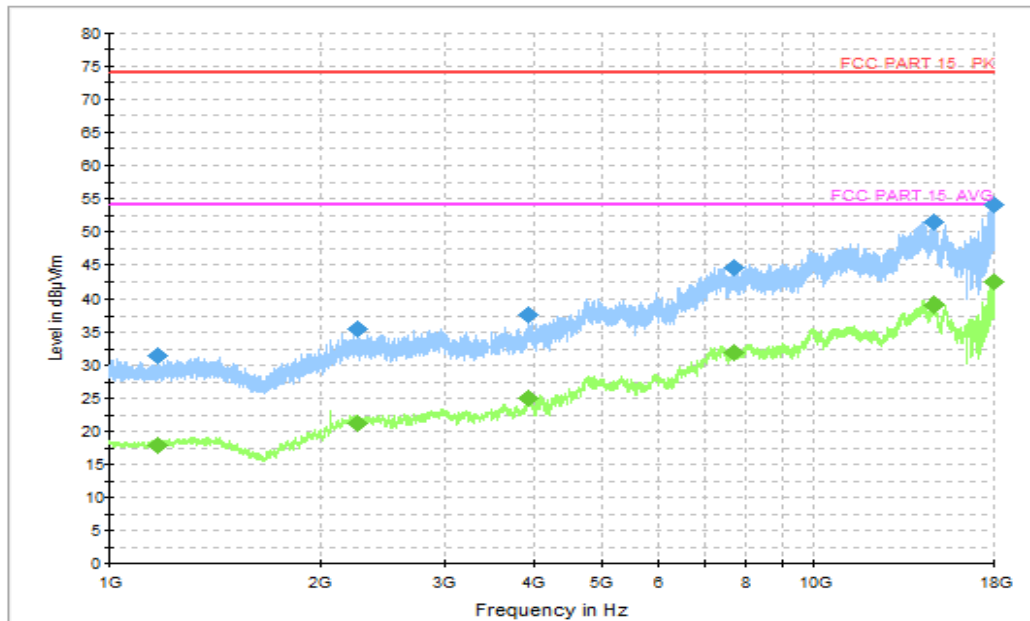


Figure A.1.10. Radiated Emission (Video Player , 1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	PMea (dBμV)
1174.600000	31.54	74.00	42.46	H	-20.83	52.37
2259.200000	35.38	74.00	38.62	H	-16.11	51.49
3917.600000	37.67	74.00	36.33	V	-10.72	48.39
7707.200000	44.60	74.00	29.40	V	-1.21	45.81
14767.000000	51.32	74.00	22.68	V	6.69	44.63
17986.800000	54.07	74.00	19.93	H	12.84	41.23

Final_Results_AVG

Frequency(MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	PMea (dBμV)
1174.600000	17.81	54.00	36.19	H	-20.83	38.64
2259.200000	21.30	54.00	32.70	H	-16.11	37.41
3917.600000	24.92	54.00	29.08	V	-10.72	35.64
7707.200000	31.81	54.00	22.19	V	-1.21	33.02
14767.000000	39.06	54.00	14.94	V	6.69	32.37
17986.800000	42.36	54.00	11.64	H	12.84	29.52

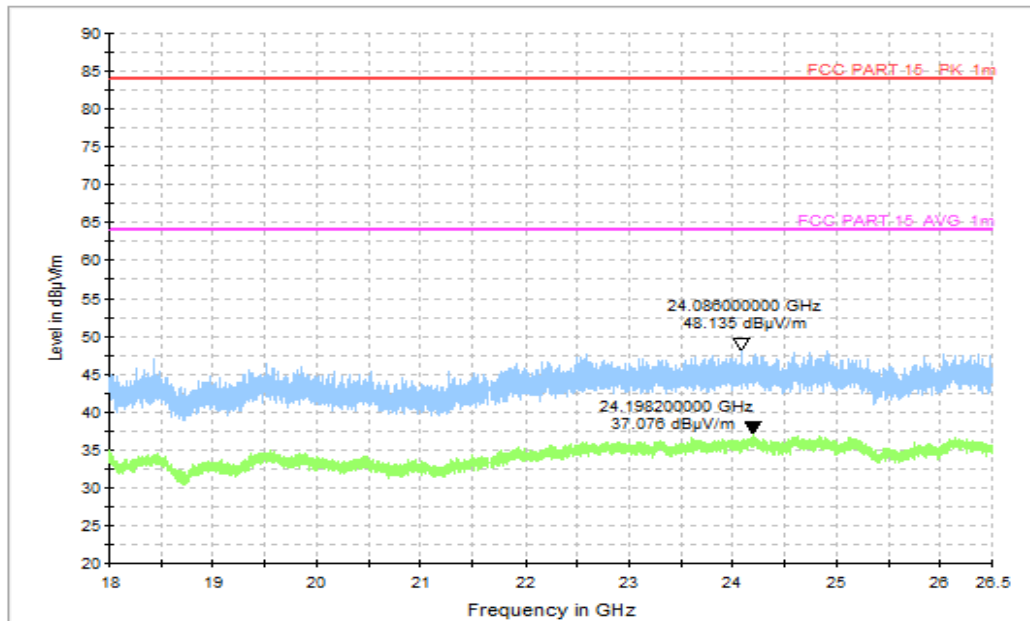


Figure A.1.11. Radiated Emission (Video Player , 18GHz to 26.5GHz)

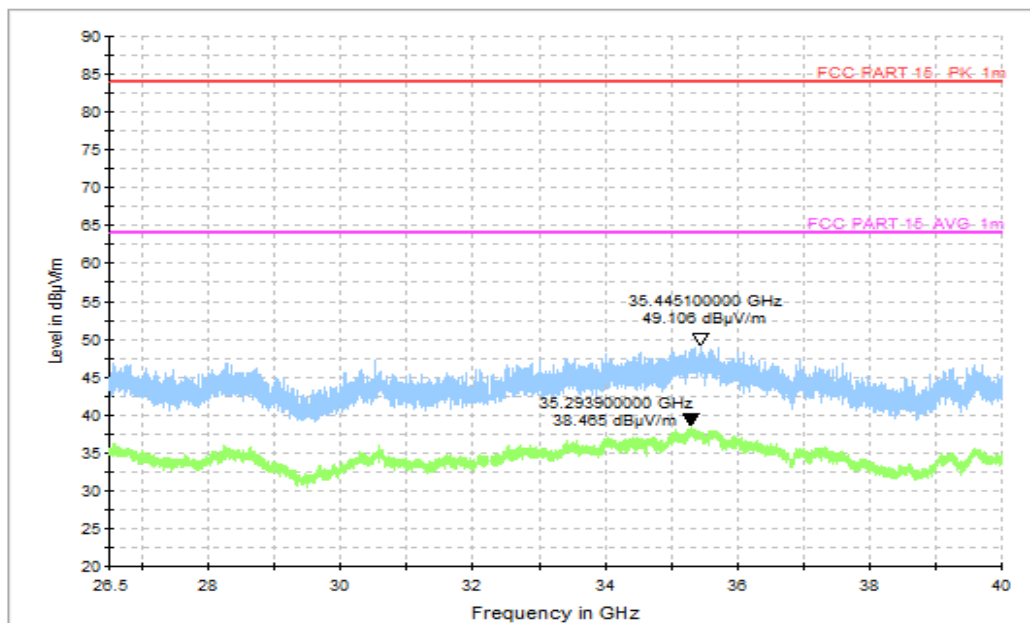


Figure A.1.12. Radiated Emission (Video Player , 26.5GHz to 40GHz)

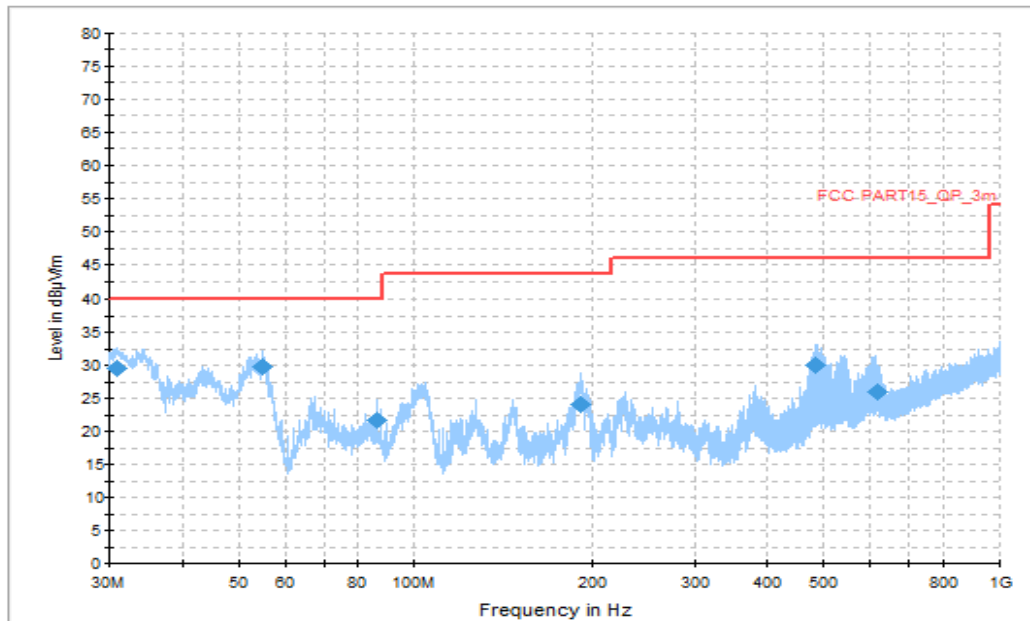


Figure A.1.13. Radiated Emission (FM receiver, 30MHz to 1GHz)

Final_Results

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	ARpl (dB/m)	PMea (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

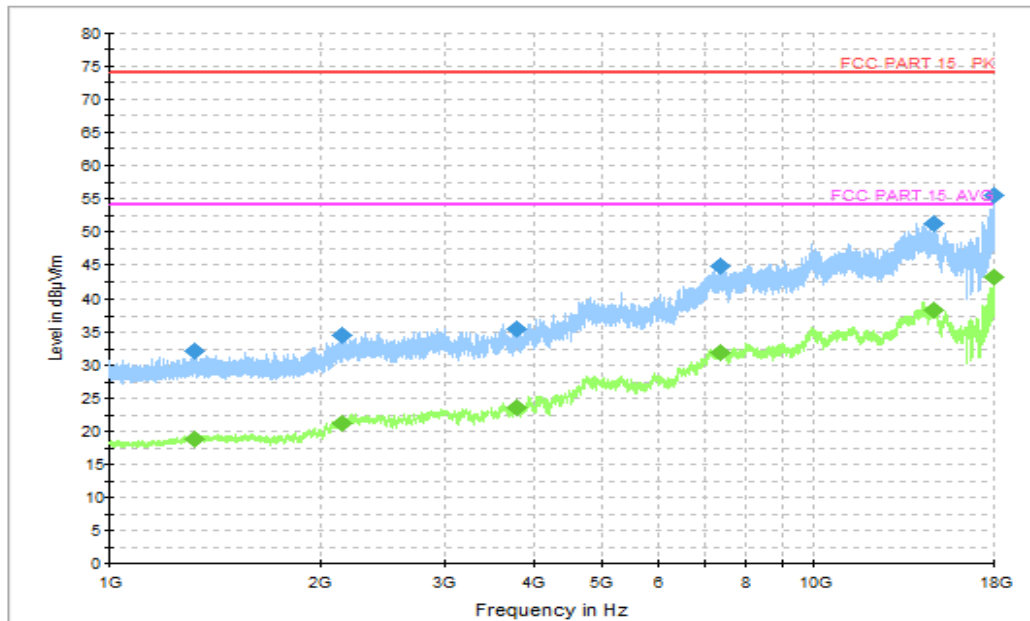


Figure A.1.14. Radiated Emission (FM receiver , 1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	PMea (dBμV)
1324.600000	32.12	74.00	41.88	H	-19.91	52.03
2143.600000	34.62	74.00	39.38	H	-16.49	51.11
3767.200000	35.44	74.00	38.56	H	-11.98	47.42
7344.000000	44.82	74.00	29.18	V	-0.77	45.59
14821.000000	51.29	74.00	22.71	H	6.39	44.9
17984.000000	55.54	74.00	18.46	V	12.83	42.71

Final_Results_AVG

Frequency(MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	PMea (dBμV)
1324.600000	18.76	54.00	35.24	H	-19.91	38.67
2143.600000	21.12	54.00	32.88	H	-16.49	37.61
3767.200000	23.65	54.00	30.35	H	-11.98	35.63
7344.000000	31.96	54.00	22.04	V	-0.77	32.73
14821.000000	38.26	54.00	15.74	H	6.39	31.87
17984.000000	43.00	54.00	11.00	V	12.83	30.17

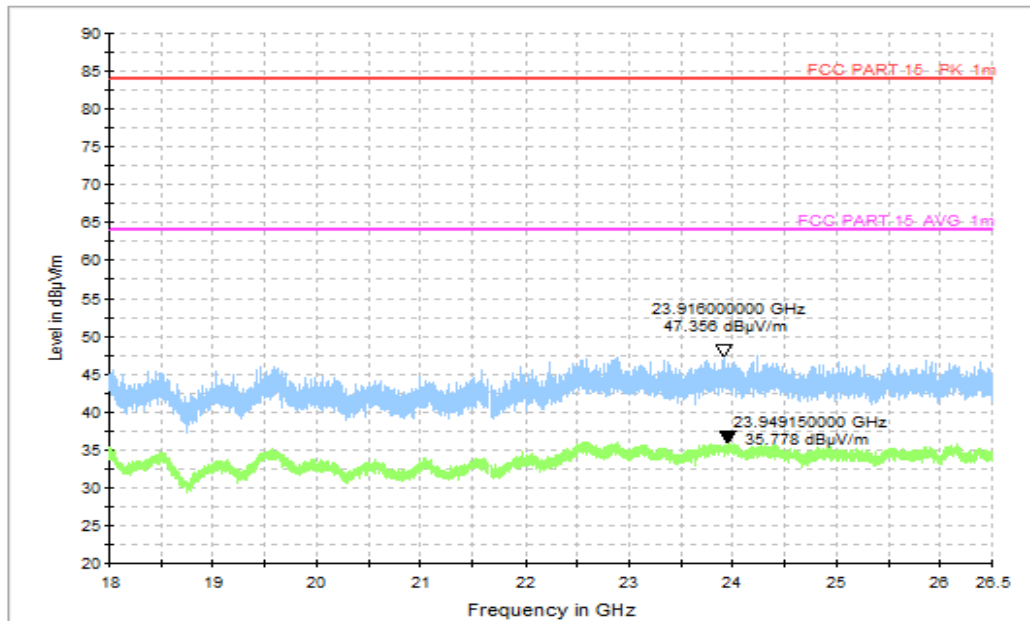


Figure A.1.15. Radiated Emission (FM receiver , 18GHz to 26.5GHz)

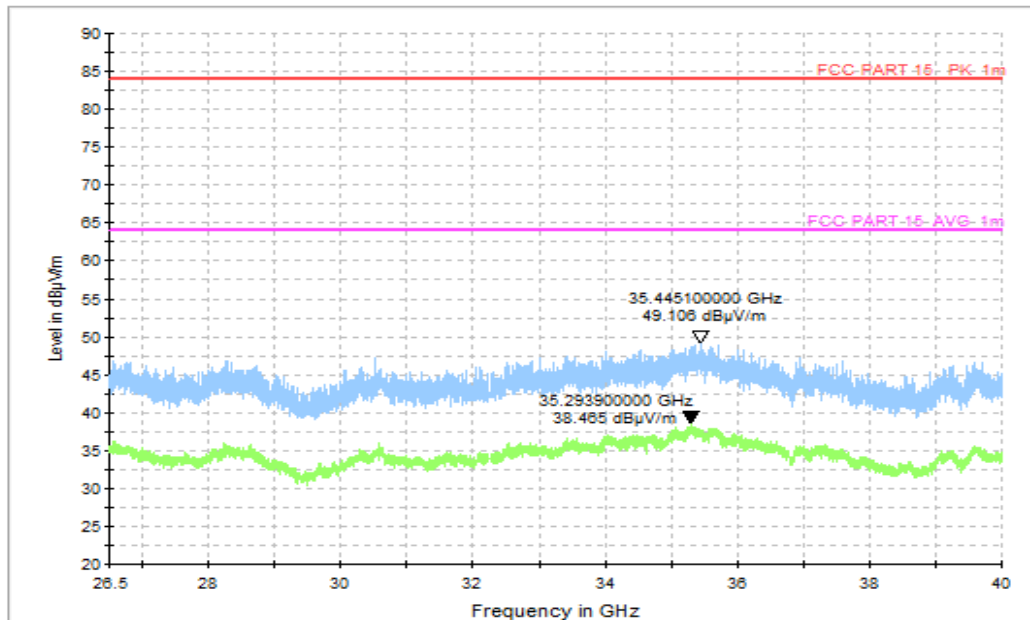


Figure A.1.16. Radiated Emission (FM receiver , 26.5GHz to 40GHz)

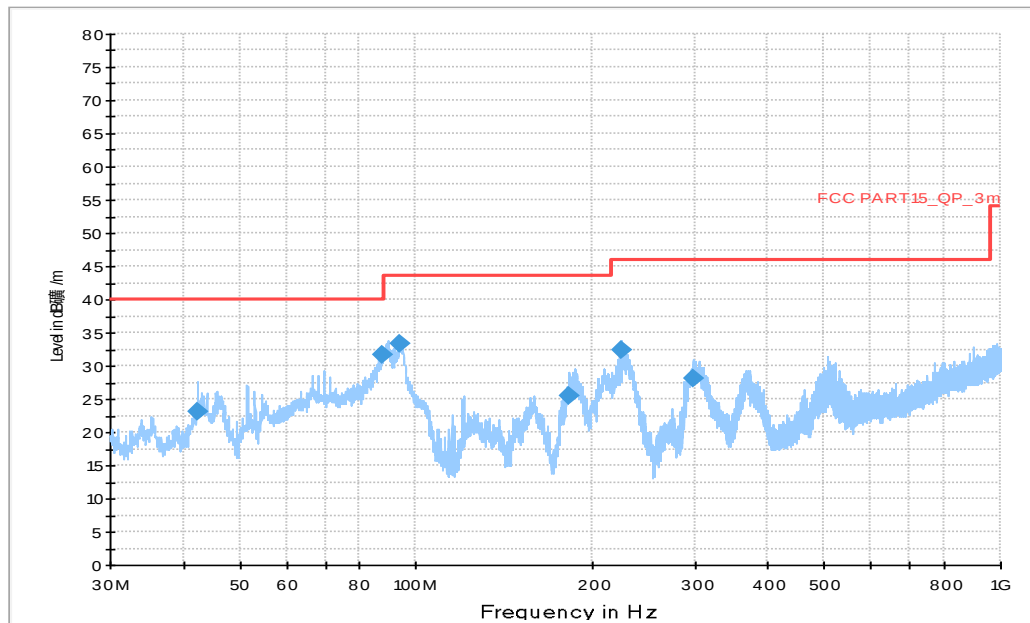


Figure A.1.17. Radiated Emission (GSM receiver 850MHz, 30MHz to 1GHz)

Final_Results

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	ARpl (dB/m)	P _{Mea} (dBμV)
42.367500	23.00	40.00	17.00	V	-21.91	44.91
87.812000	31.78	40.00	8.22	V	-26.81	58.59
94.117000	33.26	43.50	10.24	V	-26.54	59.80
182.678000	25.49	43.50	18.01	V	-25.03	50.52
225.503500	32.48	46.00	13.52	H	-24.57	57.05
298.108000	28.14	46.00	17.86	H	-22.54	50.68

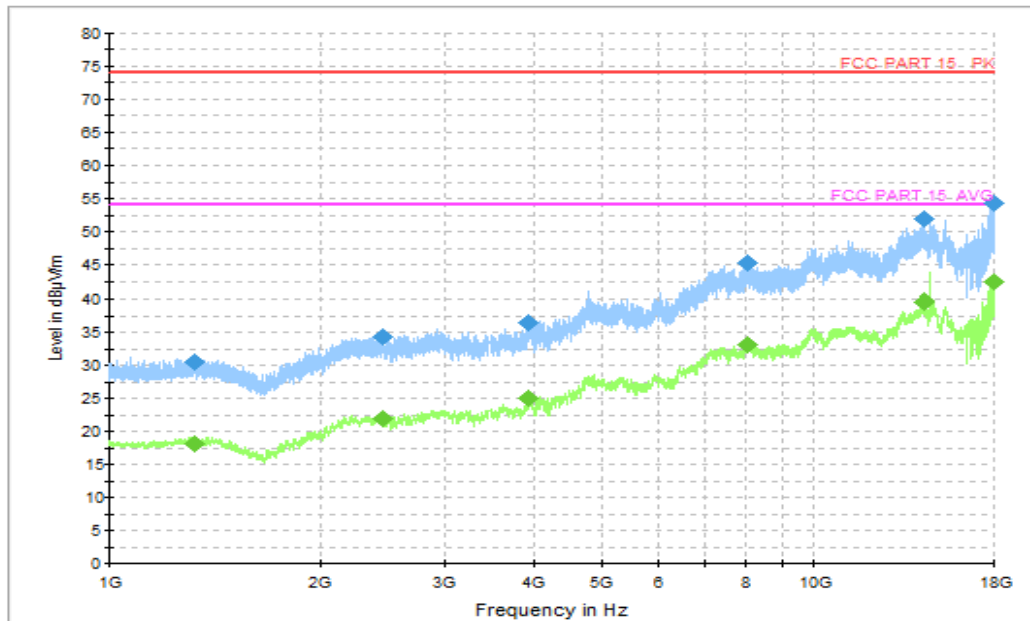


Figure A.1.18. Radiated Emission (GSM receiver 850MHz , 1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBμV)
1326.600000	30.47	74.00	43.53	V	-19.92	51.30
2451.800000	34.19	74.00	39.81	H	-15.75	50.00
3919.200000	36.52	74.00	37.48	H	-10.67	48.20
8012.000000	45.27	74.00	28.73	H	-0.68	46.90
14286.500000	51.88	74.00	22.12	H	6.79	46.40
17979.600000	54.40	74.00	19.60	H	12.80	43.70

Final_Results_AVG

Frequency(MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBμV)
1326.600000	18.20	54.00	35.80	V	-19.92	38.30
2451.800000	21.90	54.00	32.10	H	-15.75	37.60
3919.200000	24.96	54.00	29.04	H	-10.67	34.90
8012.000000	33.17	54.00	20.83	H	-0.68	33.10
14276.500000	39.40	54.00	14.60	H	6.85	32.60
17979.600000	42.28	54.00	11.72	H	12.80	30.90

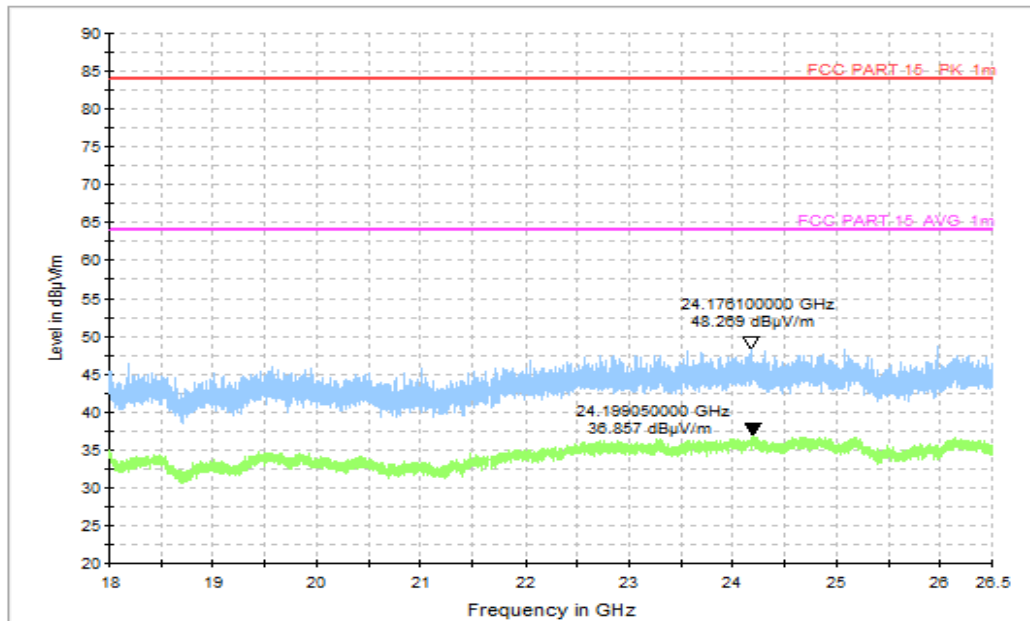


Figure A.1.19. Radiated Emission (GSM receiver 850MHz, 18GHz to 26.5GHz)

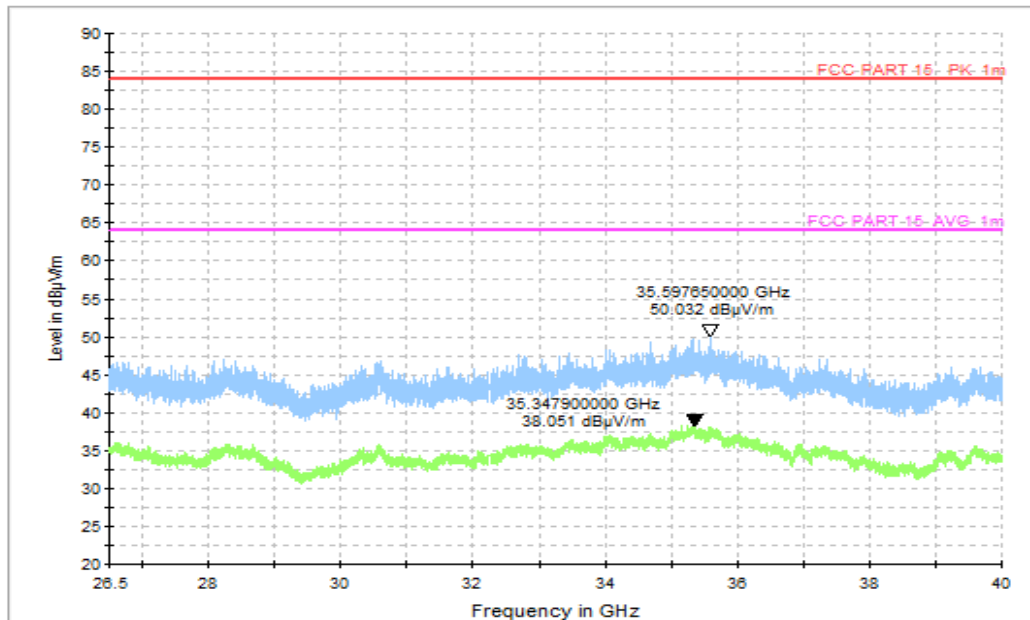


Figure A.1.20. Radiated Emission (GSM receiver 850MHz , 26.5GHz to 40GHz)

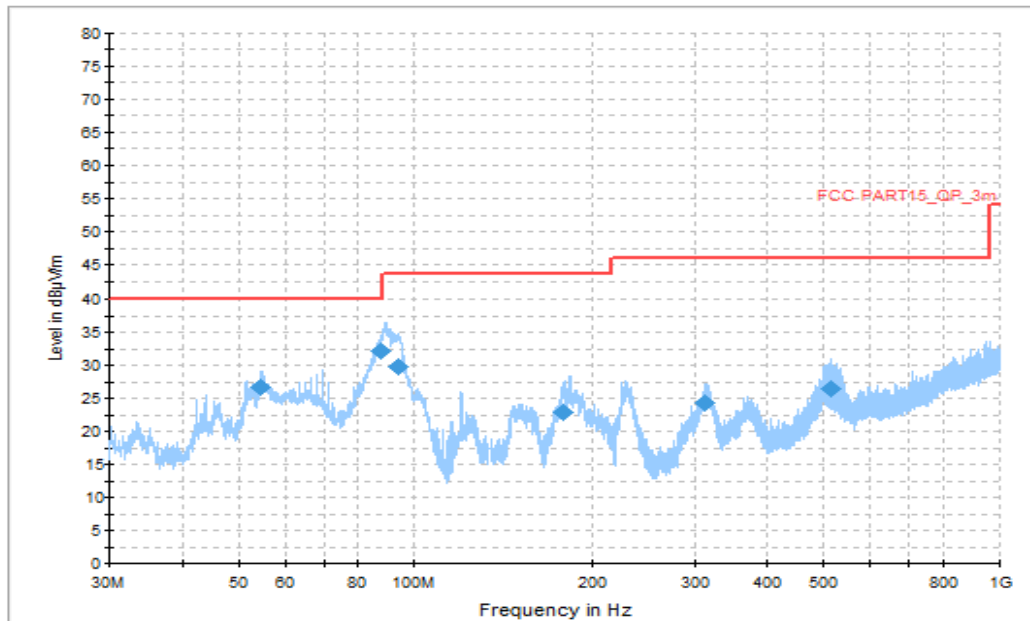


Figure A.1.21. Radiated Emission (WCDMA receiver Band5, 30MHz to 1GHz)

Final_Results

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	ARpl (dB/m)	P _{Mea} (dBμV)
54.492500	26.58	40.00	13.42	H	-22.57	49.15
87.327000	32.06	40.00	7.94	H	-26.80	58.86
94.068500	29.79	43.50	13.71	V	-26.54	56.33
178.701000	22.79	43.50	20.71	H	-24.80	47.59
312.367000	24.20	46.00	21.80	H	-22.16	46.36
514.951500	26.51	46.00	19.49	V	-16.62	43.13

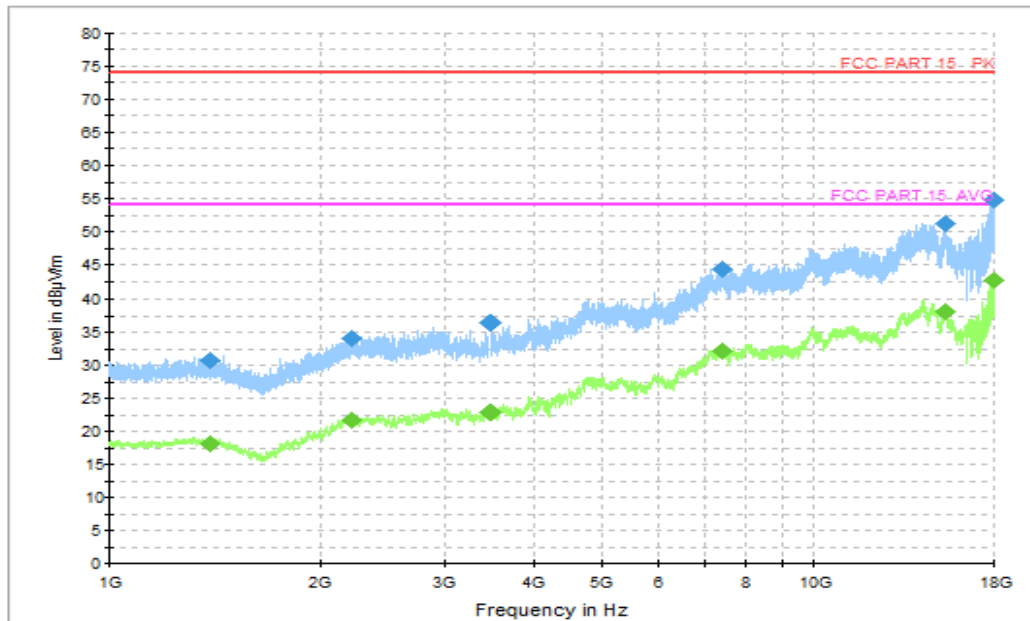


Figure A.1.22. Radiated Emission (WCDMA receiver Band5 , 1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBμV)
1387.200000	30.64	74.00	43.36	V	-19.84	51.30
2207.200000	34.12	74.00	39.88	V	-15.96	50.00
3472.000000	36.47	74.00	37.53	V	-13.58	48.20
7400.000000	44.36	74.00	29.64	H	-0.51	46.90
15388.500000	51.17	74.00	22.83	V	5.95	46.40
17986.400000	54.76	74.00	19.24	V	12.84	43.70

Final_Results_AVG

Frequency(MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBμV)
1387.200000	18.12	54.00	35.88	V	-19.84	38.30
2207.200000	21.76	54.00	32.24	V	-15.96	37.60
3472.000000	22.94	54.00	31.06	V	-13.58	34.90
7400.000000	32.08	54.00	21.92	H	-0.51	33.10
15388.500000	38.14	54.00	15.86	V	5.95	32.60
17986.400000	42.62	54.00	11.38	V	12.84	30.90

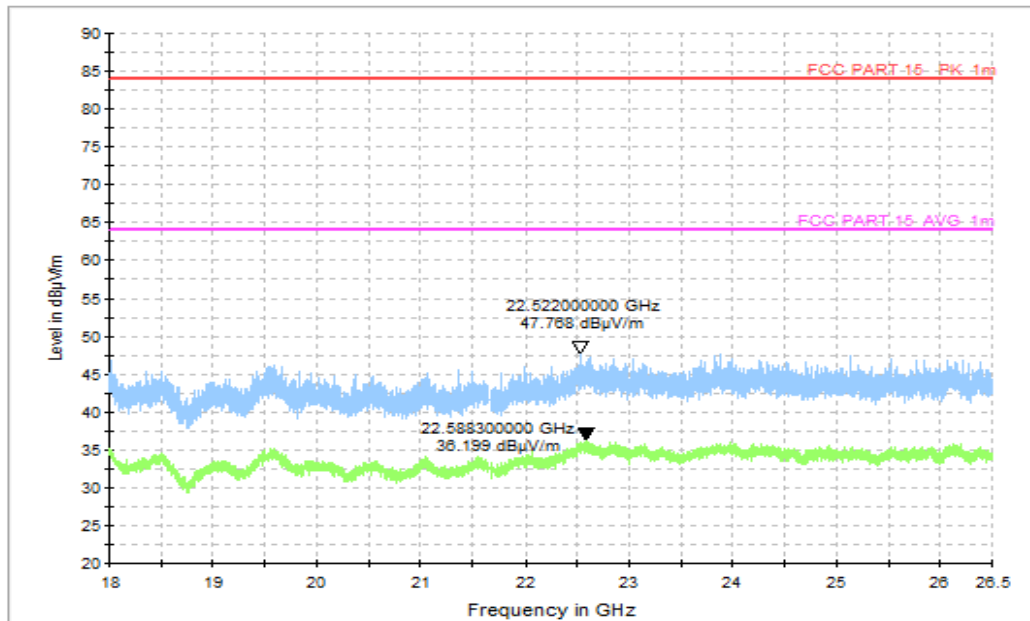


Figure A.1.23. Radiated Emission (WCDMA receiver Band5, 18GHz to 26.5GHz)

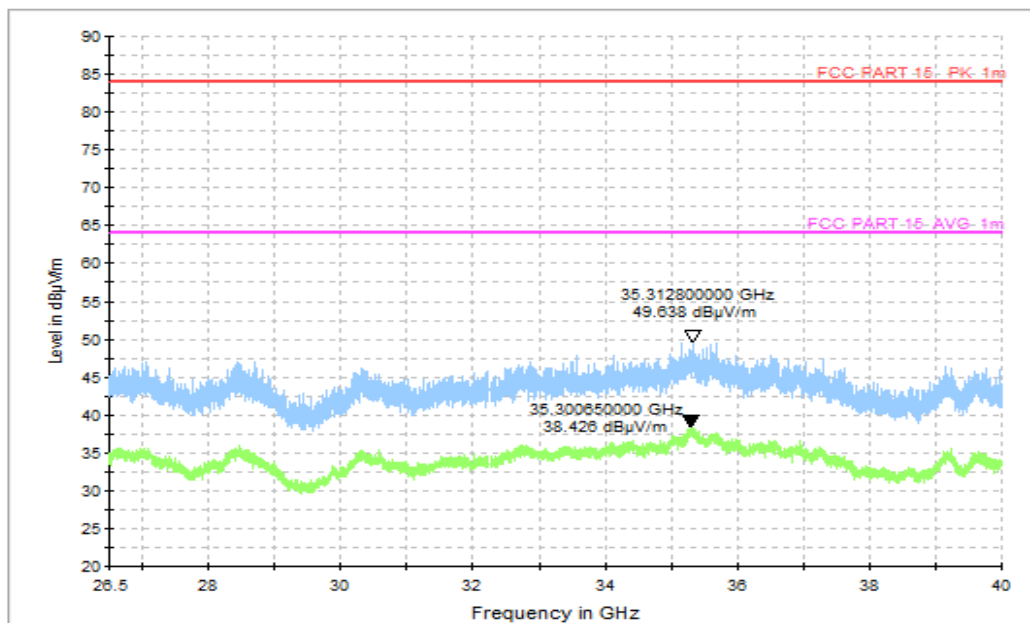


Figure A.1.24. Radiated Emission (WCDMA receiver Band5, 26.5GHz to 40GHz)

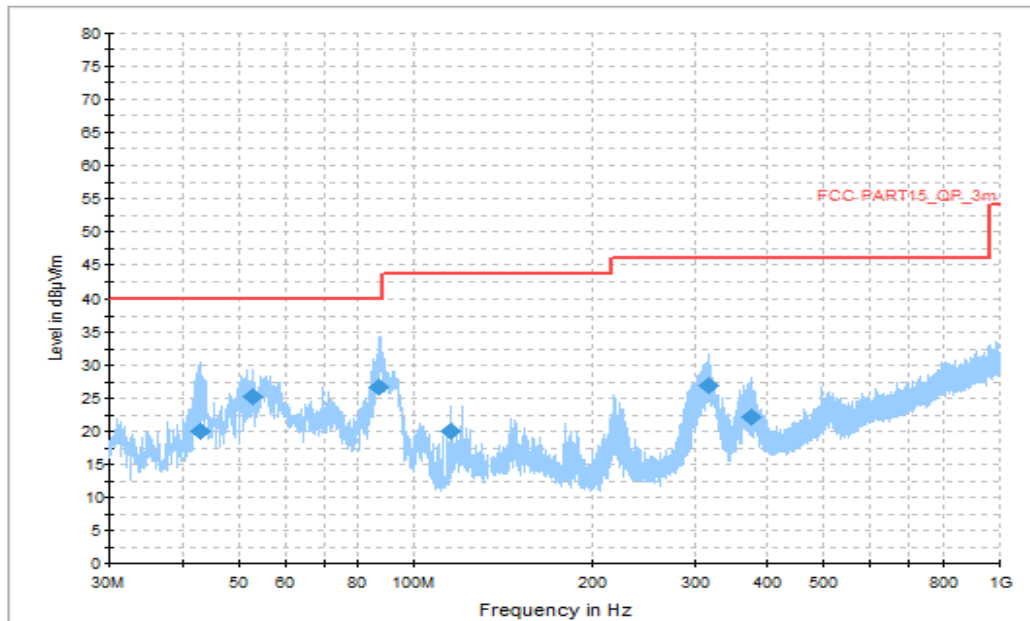


Figure A.1.25. Radiated Emission (LTE receiver Band 5, 30MHz to 1GHz)

Final_Results

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	ARpl (dB/m)	P _{Mea} (dBμV)
42.949500	20.06	40.00	19.94	V	-21.94	42.00
52.989000	25.18	40.00	14.82	V	-22.45	47.63
86.890500	26.67	40.00	13.33	V	-26.80	53.47
115.117500	20.04	43.50	23.46	V	-24.63	44.67
316.344000	27.01	46.00	18.99	H	-22.01	49.02
374.350000	22.26	46.00	23.74	H	-19.97	42.23

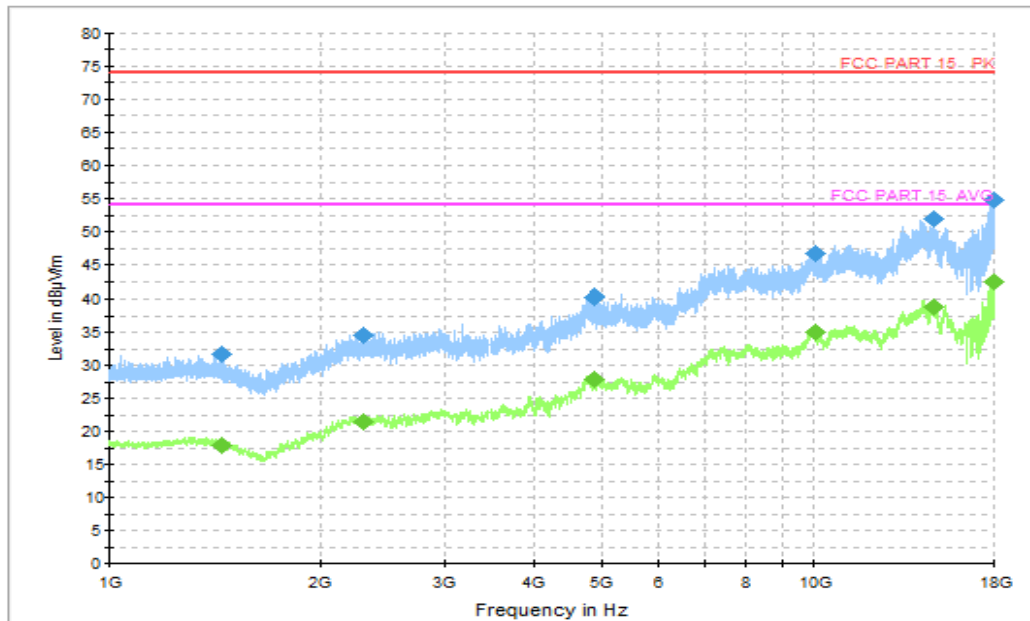


Figure A.1.26. Radiated Emission (LTE receiver Band 5, 1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBμV)
1444.400000	31.59	74.00	42.41	V	-19.87	51.46
2298.800000	34.56	74.00	39.44	H	-16.08	50.64
4863.200000	40.13	74.00	33.87	H	-7.31	47.44
10018.400000	46.76	74.00	27.24	H	1.74	45.02
14765.000000	51.91	74.00	22.09	H	6.69	45.22
17987.600000	54.83	74.00	19.17	H	12.84	41.99

Final_Results_AVG

Frequency(MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBμV)
1444.400000	17.79	54.00	36.21	V	-19.87	37.66
2298.800000	21.53	54.00	32.47	H	-16.08	37.61
4863.200000	27.81	54.00	26.19	H	-7.31	35.12
10018.400000	34.88	54.00	19.12	H	1.74	33.14
14765.000000	38.69	54.00	15.31	H	6.69	32
17987.600000	42.38	54.00	11.62	H	12.84	29.54

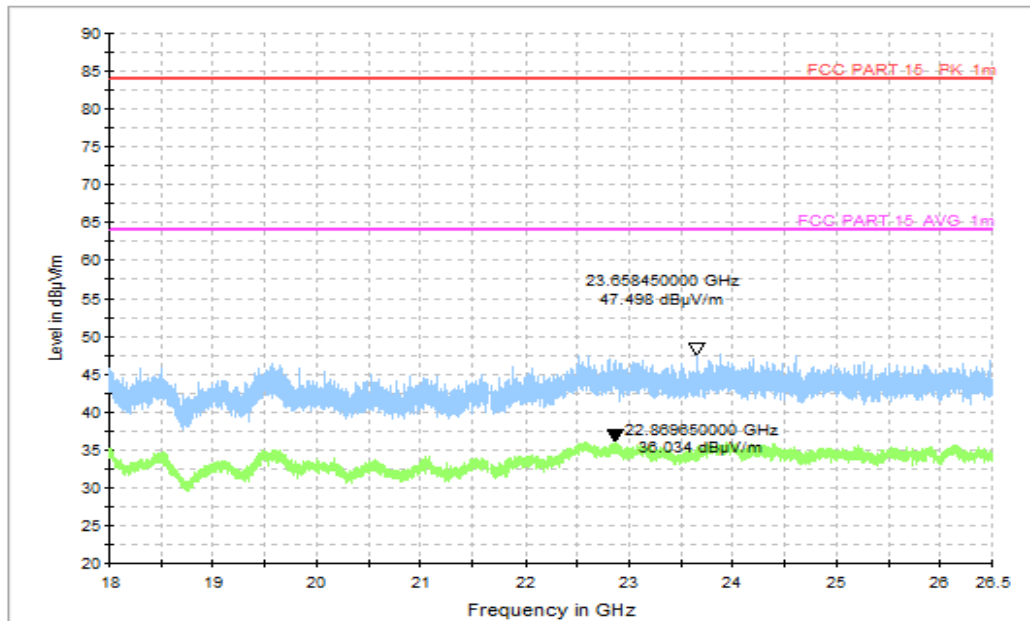


Figure A.1.27. Radiated Emission ((LTE receiver Band 5 , 18GHz to 26.5GHz)

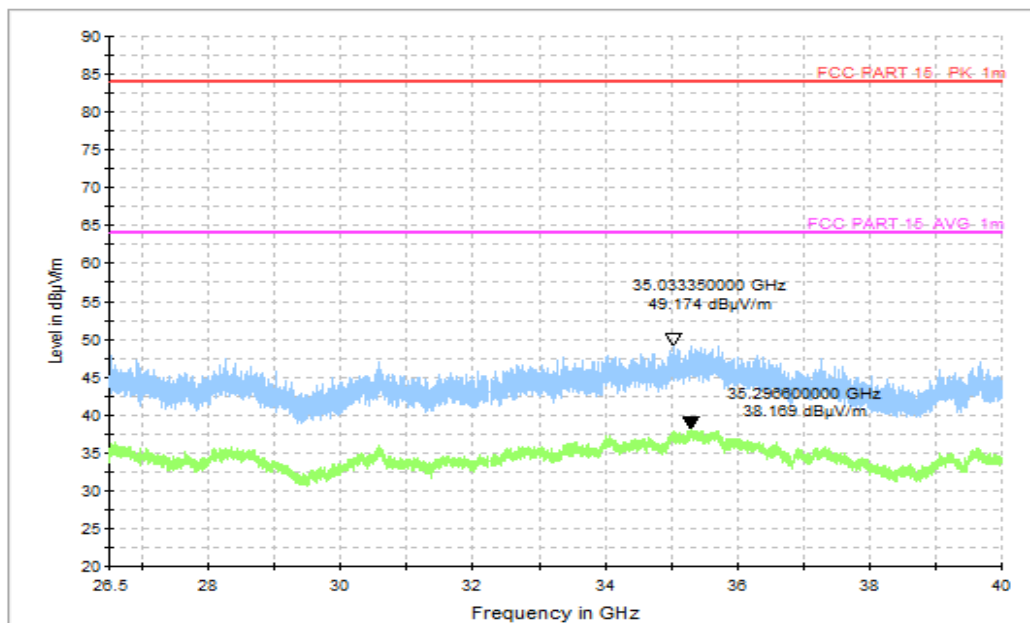


Figure A.1.28. Radiated Emission ((LTE receiver Band 5 , 26.5GHz to 40GHz)

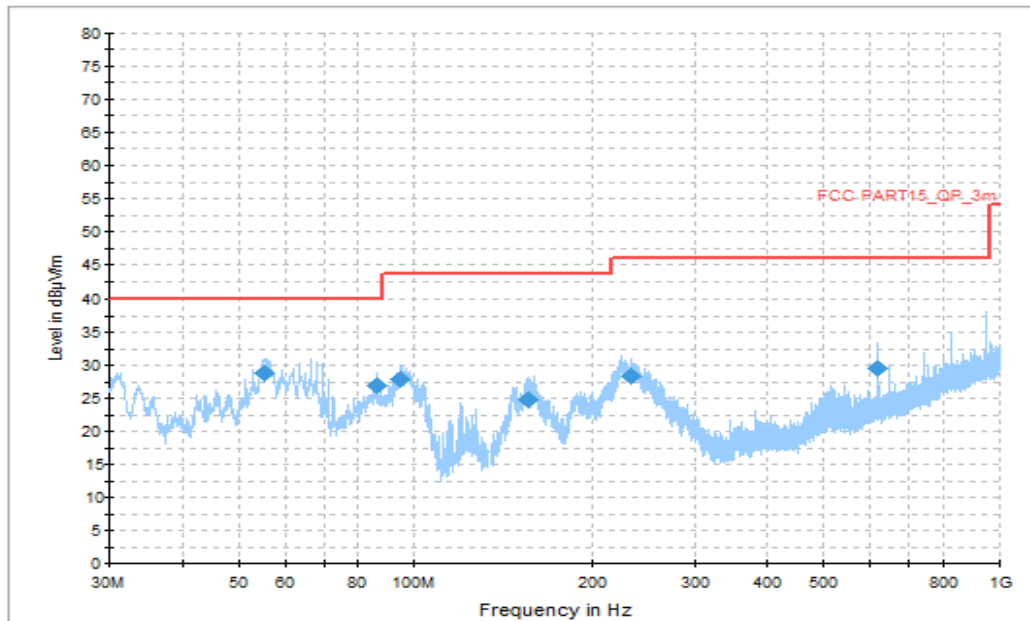


Figure A.1.29. Radiated Emission (LTE receiver Band 5, 30MHz to 1GHz)

Final_Results

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	ARpl (dB/m)	P _{Mea} (dBμV)
55.462500	28.79	40.00	11.21	V	-22.65	51.44
86.260000	27.02	40.00	12.98	V	-26.80	53.82
94.456500	27.74	43.50	15.76	V	-26.51	54.25
156.148500	24.74	43.50	18.76	V	-22.77	47.51
233.360500	28.36	46.00	17.64	V	-24.02	52.38
617.529000	29.50	46.00	16.50	H	-14.67	44.17

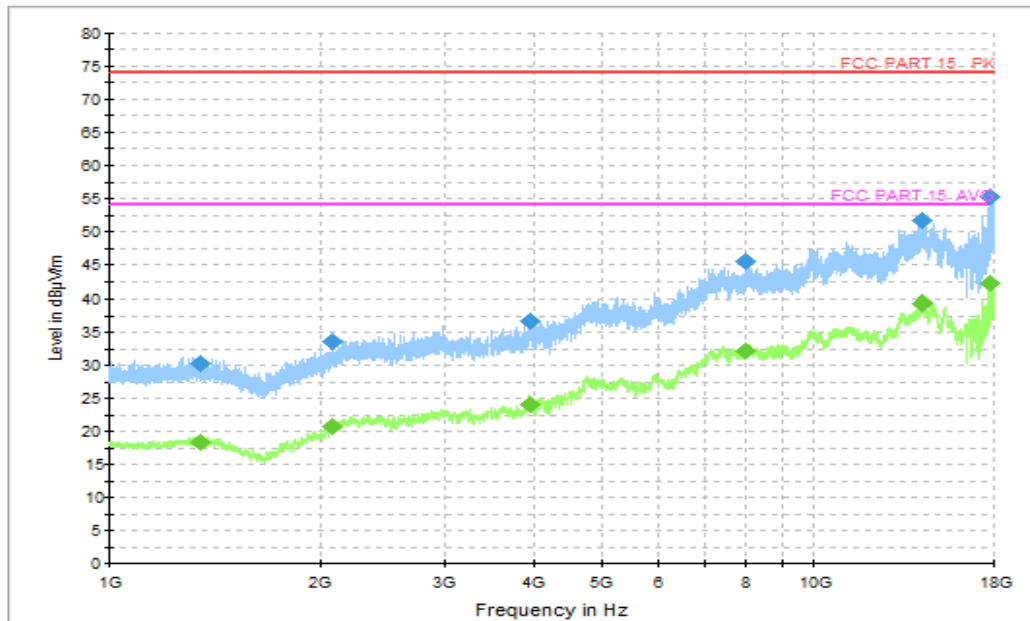


Figure A.1.30. Radiated Emission (LTE receiver Band 5, 1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBμV)
1351.400000	30.32	74.00	43.68	V	-19.95	50.27
2074.400000	33.51	74.00	40.49	V	-17.23	50.74
3948.800000	36.78	74.00	37.22	H	-11.02	47.80
7996.800000	45.50	74.00	28.50	V	-0.68	46.18
14272.000000	51.58	74.00	22.42	H	6.88	44.7
17827.600000	55.34	74.00	18.66	V	12.02	43.32

Final_Results_AVG

Frequency(MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBμV)
1351.400000	18.43	54.00	35.57	V	-19.95	38.38
2074.400000	20.68	54.00	33.32	V	-17.23	37.91
3948.800000	24.11	54.00	29.89	H	-11.02	35.13
7996.800000	32.11	54.00	21.89	V	-0.68	32.79
14272.000000	39.20	54.00	14.80	H	6.88	32.32
17827.600000	42.18	54.00	11.82	V	12.02	30.16

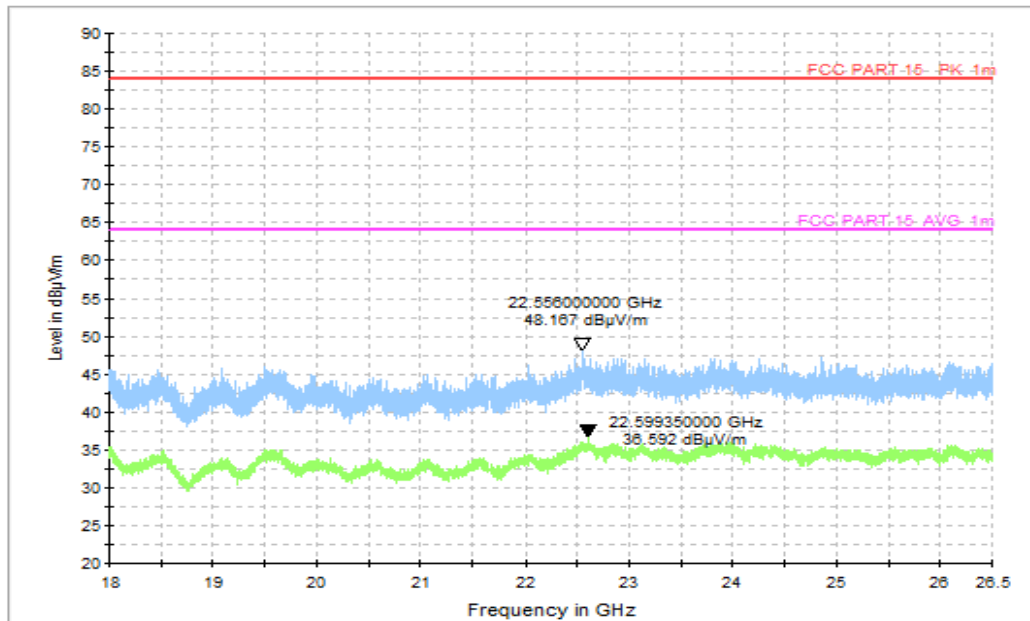


Figure A.1.31. Radiated Emission ((LTE receiver Band 5 , 18GHz to 26.5GHz)

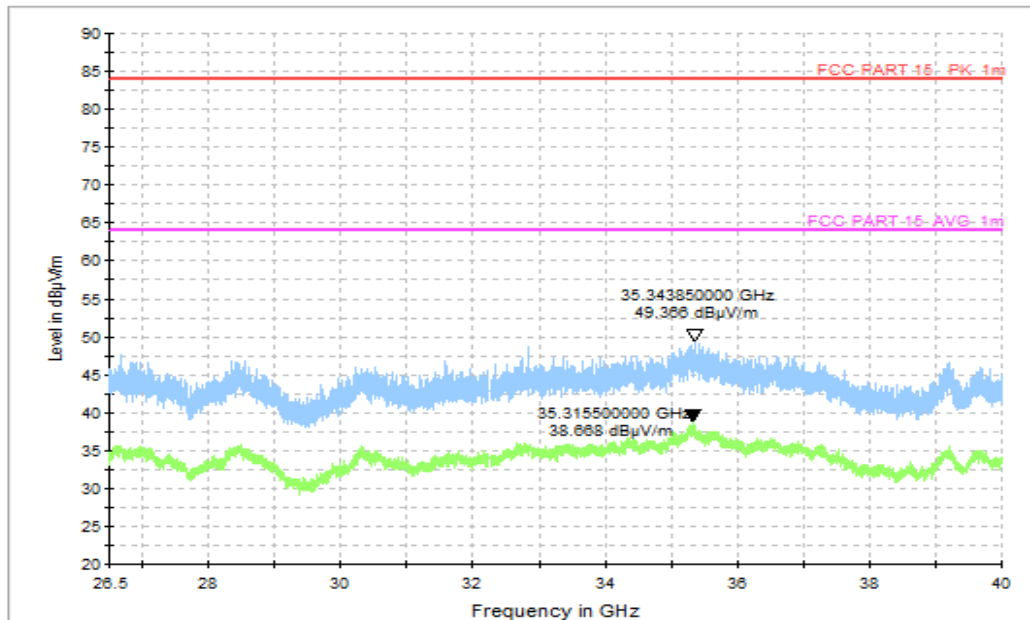


Figure A.1.32. Radiated Emission ((LTE receiver Band 5 , 26.5GHz to 40GHz)

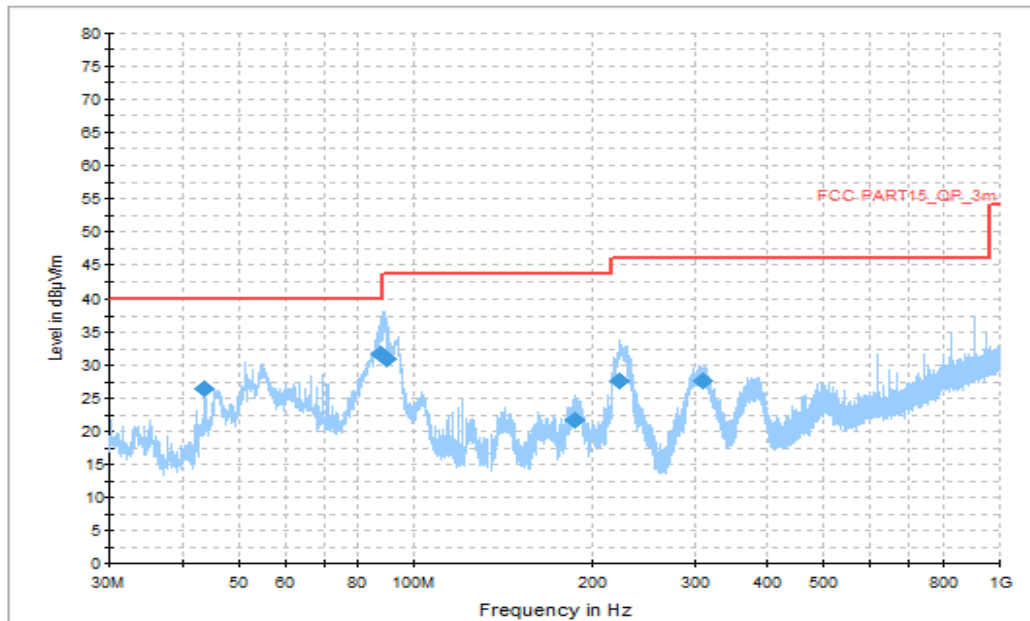


Figure A.1.33. Radiated Emission (LTE receiver Band 12, 30MHz to 1GHz)

Final_Results

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	ARpl (dB/m)	P _{Mea} (dBμV)
43.822500	26.45	40.00	13.55	H	-21.97	48.42
87.763500	31.67	40.00	8.33	V	-26.81	58.48
89.509500	31.03	43.50	12.47	V	-26.82	57.85
187.576500	21.75	43.50	21.75	V	-25.22	46.97
223.660500	27.66	46.00	18.34	H	-24.71	52.37
309.214500	27.56	46.00	18.44	H	-22.28	49.84

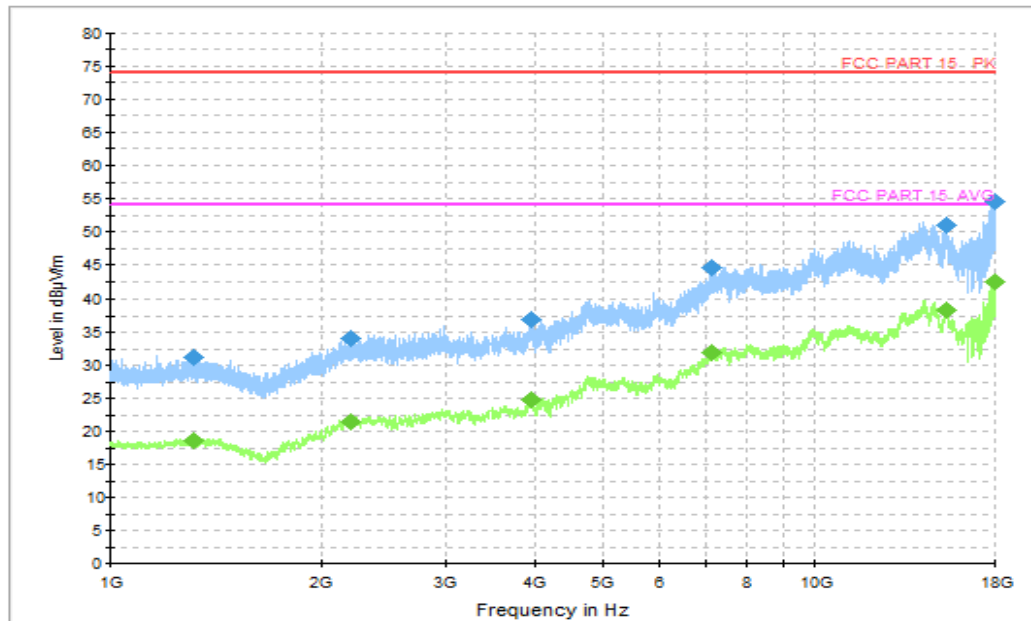


Figure A.1.34. Radiated Emission (LTE receiver Band 12, 1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	PMea (dBμV)
1316.200000	31.23	74.00	42.77	V	-19.92	51.15
2199.000000	33.97	74.00	40.03	H	-15.98	49.95
3942.400000	37.01	74.00	36.99	H	-10.93	47.94
7142.400000	44.42	74.00	29.58	H	-0.89	45.31
15368.000000	51.01	74.00	22.99	V	6.01	45
17980.000000	54.46	74.00	19.54	V	12.81	41.65

Final_Results_AVG

Frequency(MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBμV)
1316.200000	18.61	54.00	35.39	V	-19.92	38.53
2199.000000	21.48	54.00	32.52	H	-15.98	37.46
3942.400000	24.71	54.00	29.29	H	-10.93	35.64
7142.400000	31.90	54.00	22.10	H	-0.89	32.79
15368.000000	38.22	54.00	15.78	V	6.01	32.21
17980.800000	42.37	54.00	11.63	H	12.81	29.56

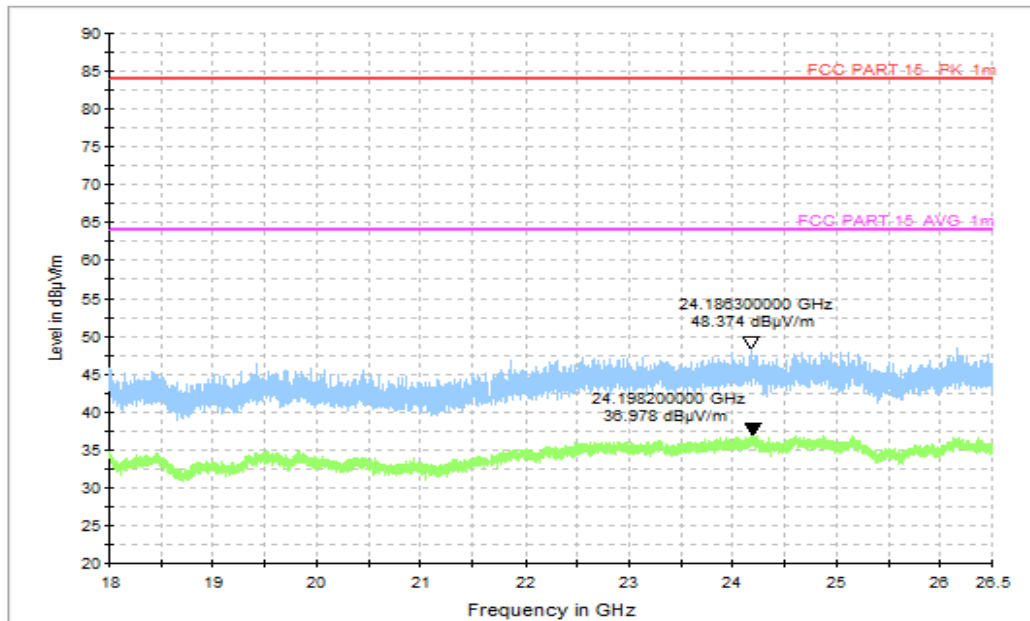


Figure A.1.35. Radiated Emission ((LTE receiver Band 12 , 18GHz to 26.5GHz)

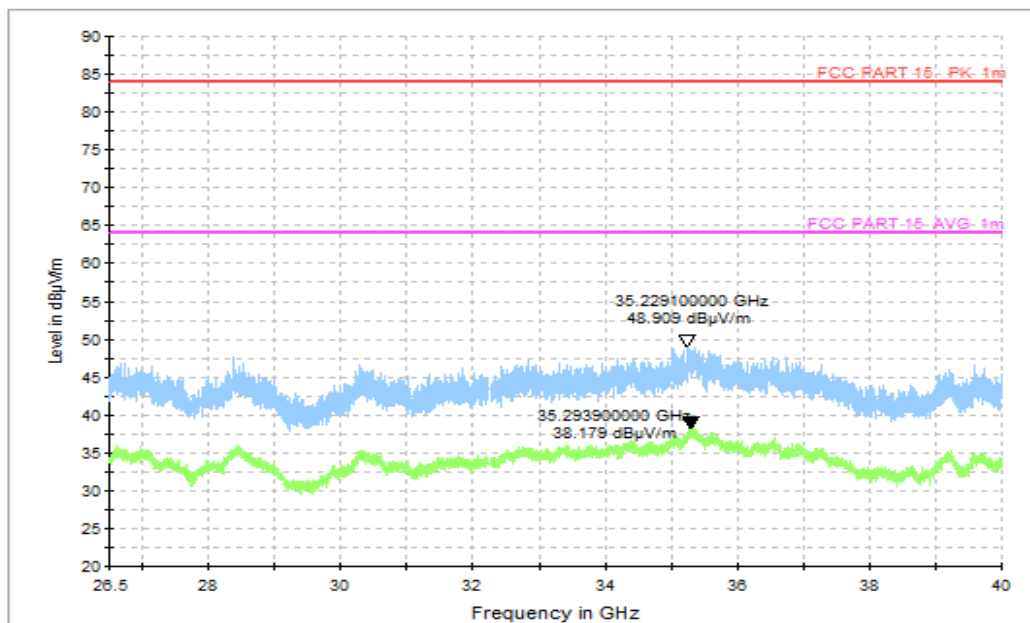


Figure A.1.36. Radiated Emission ((LTE receiver Band 12, 26.5GHz to 40GHz)

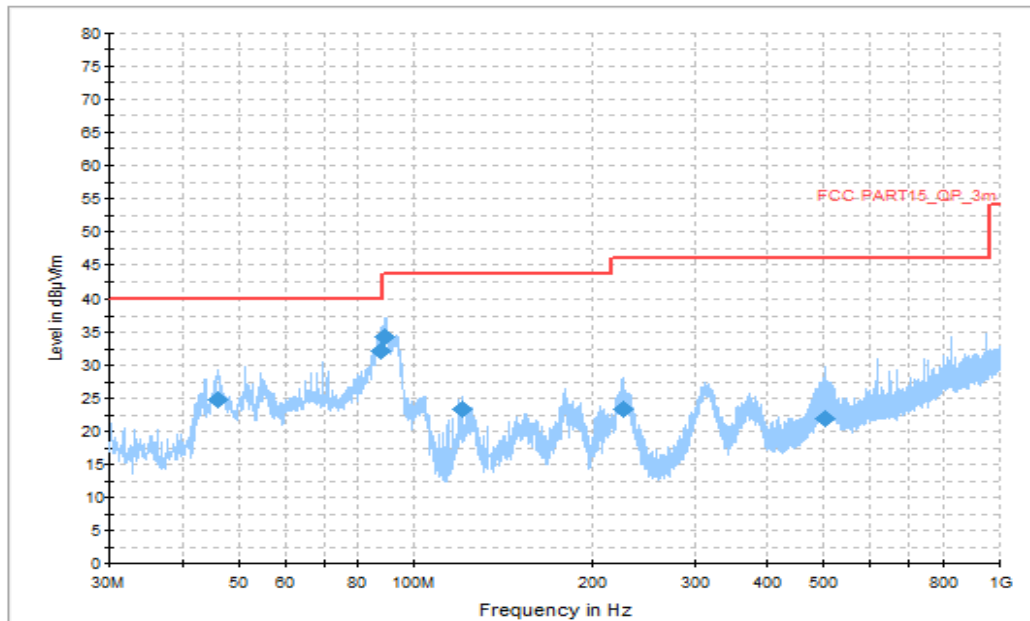


Figure A.1.37. Radiated Emission (LTE receiver Band 13, 30MHz to 1GHz)

Final_Results

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	ARpl (dB/m)	P _{Mea} (dBμV)
45.908000	24.66	40.00	15.34	H	-22.05	46.71
87.666500	32.04	40.00	7.96	V	-26.81	58.85
88.782000	34.25	43.50	9.25	H	-26.81	61.06
120.937500	23.30	43.50	20.20	H	-24.08	47.38
226.037000	23.31	46.00	22.69	H	-24.53	47.84
502.729500	21.86	46.00	24.14	V	-16.83	38.69

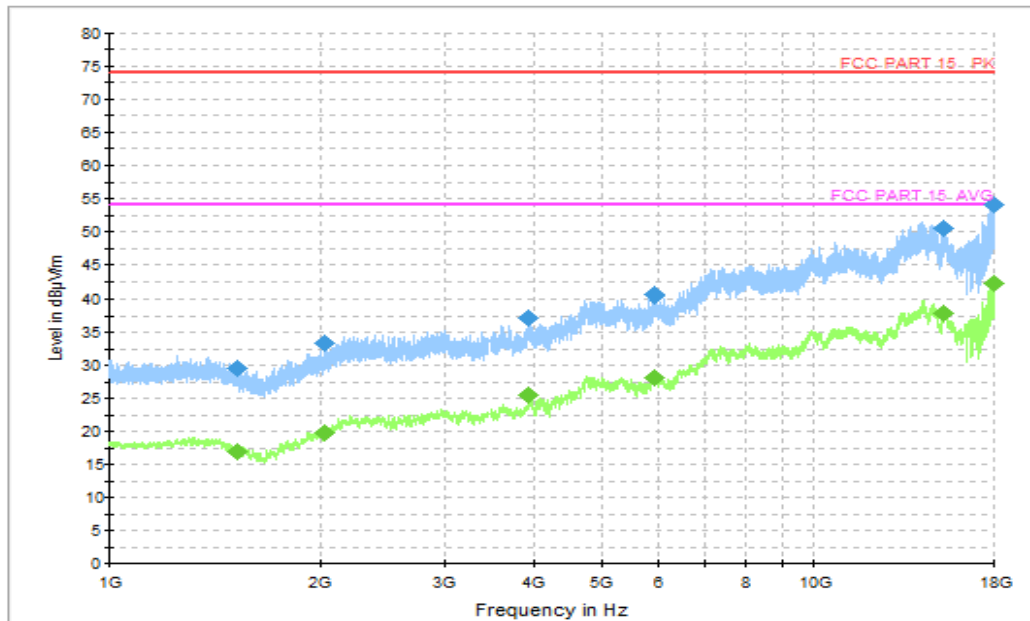


Figure A.1.38. Radiated Emission (LTE receiver Band 13, 1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	PMea (dBμV)
1521.000000	29.57	74.00	44.43	H	-19.93	49.50
2029.400000	33.21	74.00	40.79	H	-17.85	51.06
3917.600000	37.15	74.00	36.85	V	-10.72	47.87
5935.200000	40.56	74.00	33.44	V	-5.60	46.16
15264.000000	50.39	74.00	23.61	H	5.41	44.98
17993.600000	54.03	74.00	19.97	H	12.88	41.15

Final_Results_AVG

Frequency(MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBμV)
1521.000000	17.01	54.00	36.99	H	-19.93	36.94
2029.400000	19.88	54.00	34.12	H	-17.85	37.73
3917.600000	25.42	54.00	28.58	V	-10.72	36.14
5935.200000	28.13	54.00	25.87	V	-5.60	33.73
15264.000000	37.76	54.00	16.24	H	5.41	32.35
17993.600000	42.21	54.00	11.79	H	12.88	29.33

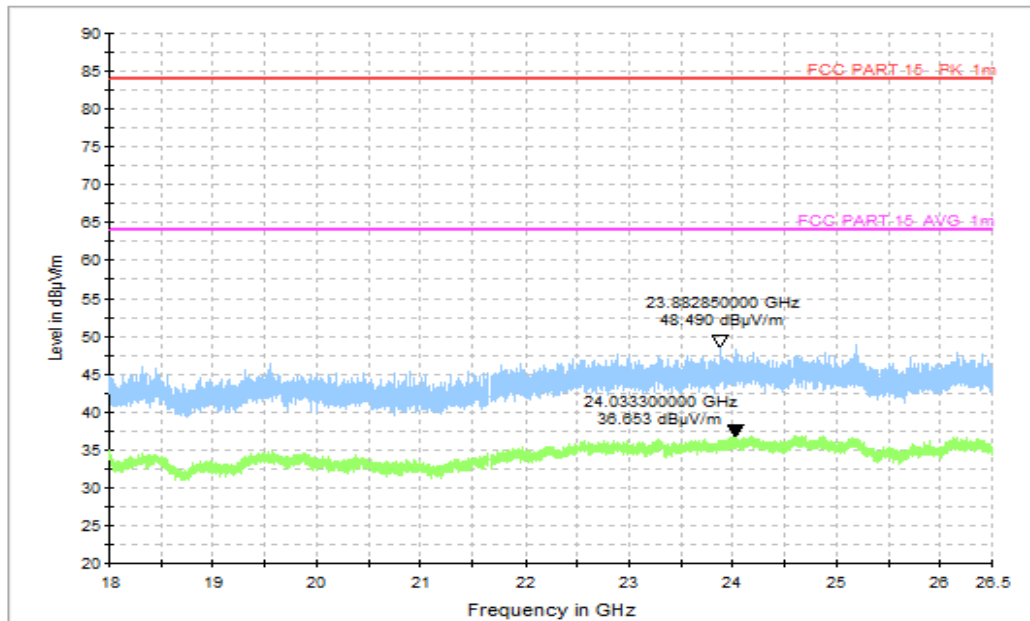


Figure A.1.39. Radiated Emission (LTE receiver Band 13, 18GHz to 26.5GHz)

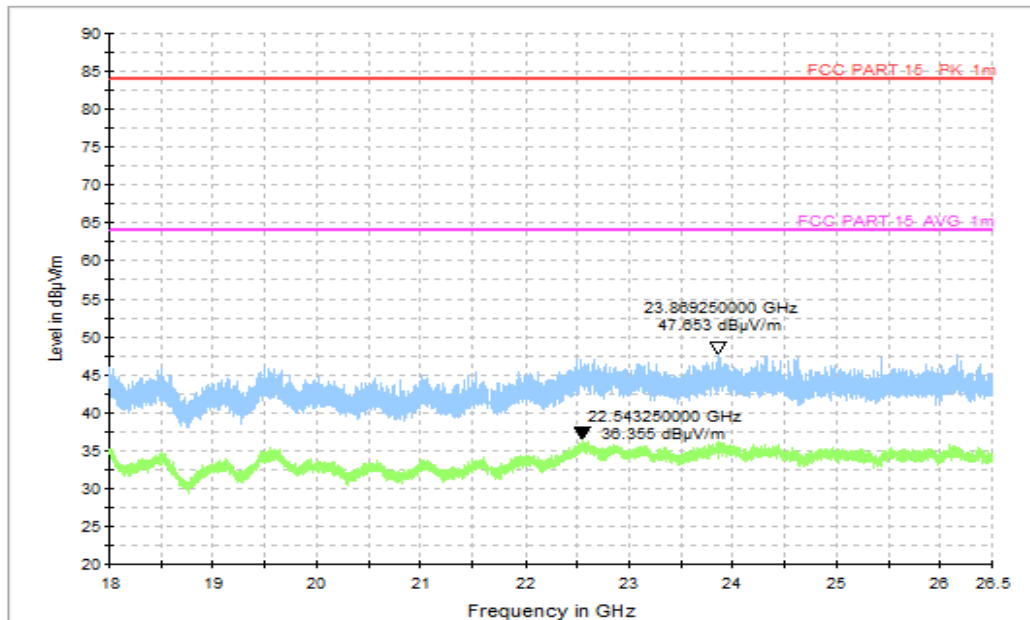


Figure A.1.40. Radiated Emission (LTE receiver Band 13, 26.5GHz to 40GHz)

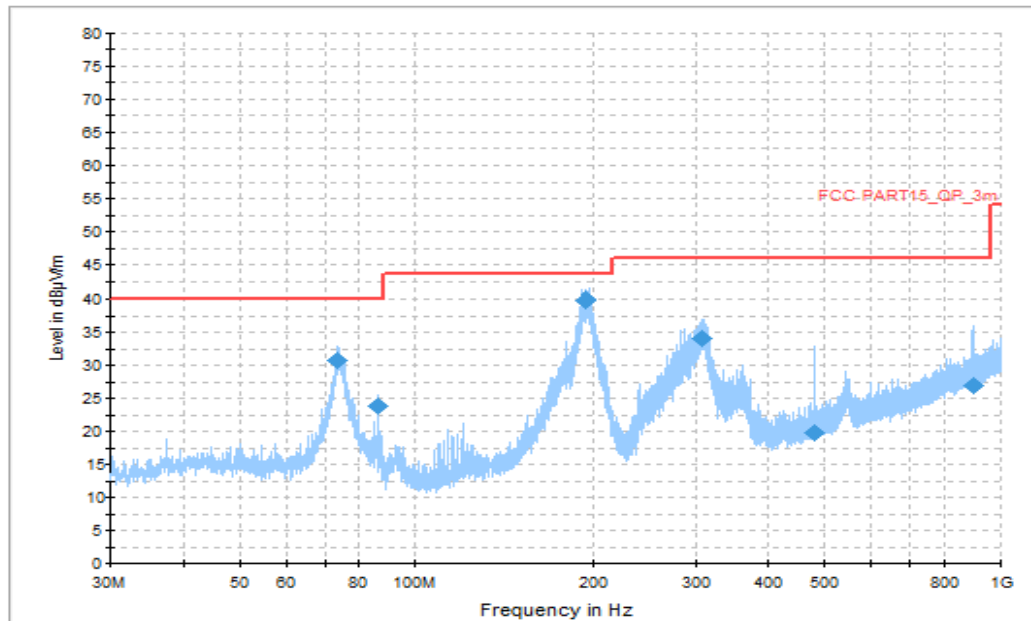


Figure A.1.41. Radiated Emission (Data Transfer: PC TO EUT, 30MHz to 1GHz)

Final_Results

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	ARpl (dB/m)	PMea (dBμV)
73.456000	30.68	40.00	9.32	H	-25.41	56.09
86.357000	23.80	40.00	16.20	H	-26.80	50.6
193.930000	39.65	43.50	3.95	H	-25.45	65.10
308.196000	34.04	46.00	11.96	H	-22.31	56.35
479.983000	19.68	46.00	26.32	V	-17.39	37.07
898.441000	26.96	46.00	19.04	H	-9.56	36.52

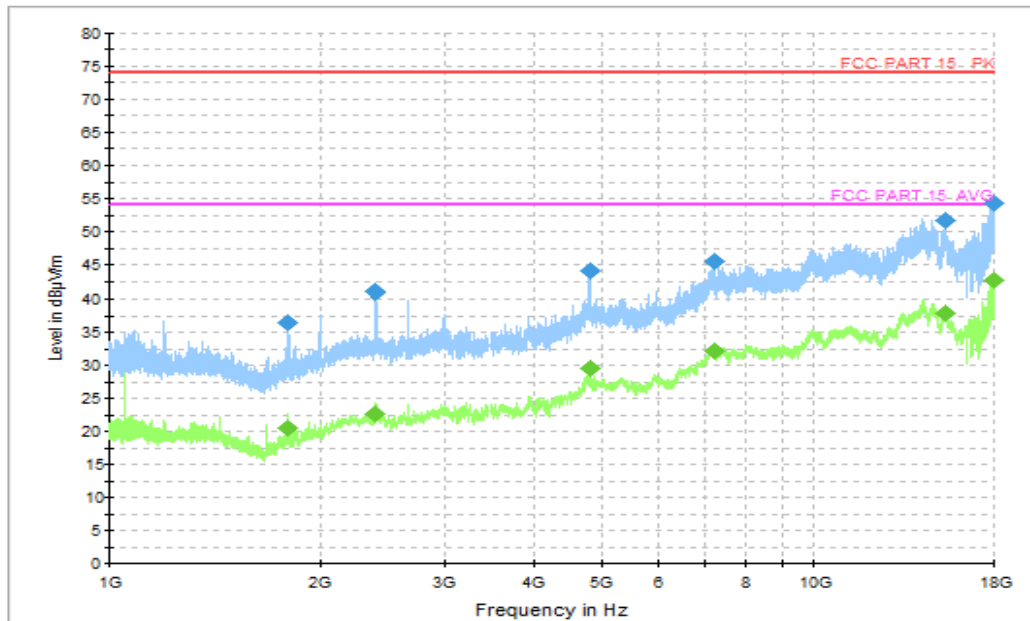


Figure A.1.42. Radiated Emission (Data Transfer: PC TO EUT, 1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBμV)
1793.600000	36.53	74.00	37.47	V	-19.35	55.88
2388.800000	40.98	74.00	33.02	V	-16.10	57.08
4788.800000	44.03	74.00	29.97	V	-6.86	50.89
7200.000000	45.59	74.00	28.41	V	-1.08	46.67
15355.500000	51.67	74.00	22.33	H	5.94	45.73
17987.600000	54.33	74.00	19.67	H	12.84	41.49

Final_Results_AVG

Frequency(MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBμV)
1793.600000	20.48	54.00	33.52	V	-19.35	39.83
2388.800000	22.71	54.00	31.29	V	-16.10	38.81
4788.800000	29.41	54.00	24.59	V	-6.86	36.27
7200.000000	32.24	54.00	21.76	V	-1.08	33.32
15355.500000	37.92	54.00	16.08	H	5.94	31.98
17987.600000	42.57	54.00	11.43	H	12.84	29.73

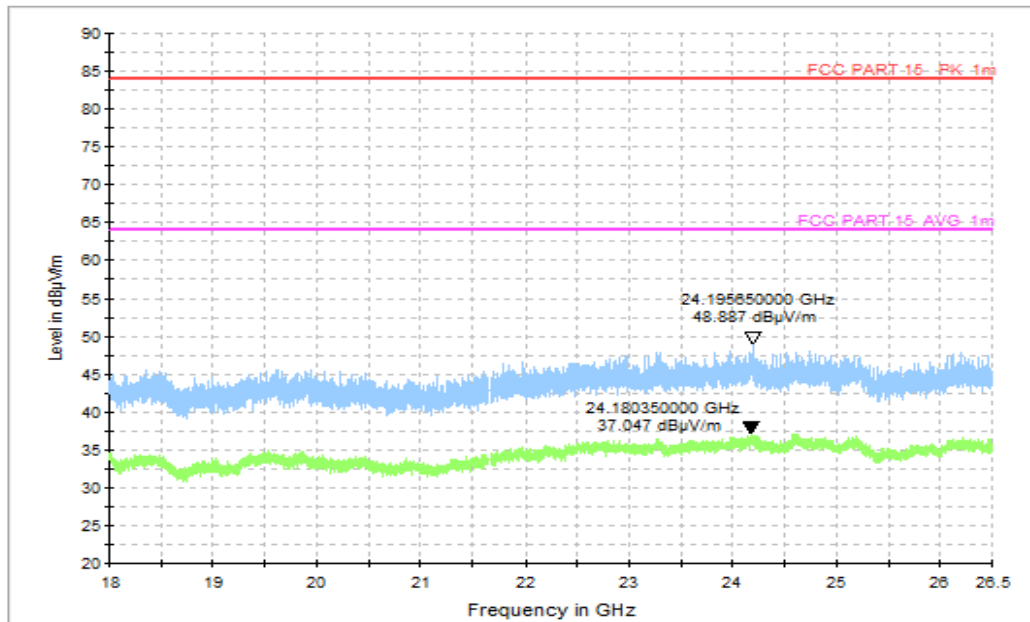


Figure A.1.43. Radiated Emission (Data Transfer: PC TO EUT, 18GHz to 26.5GHz)

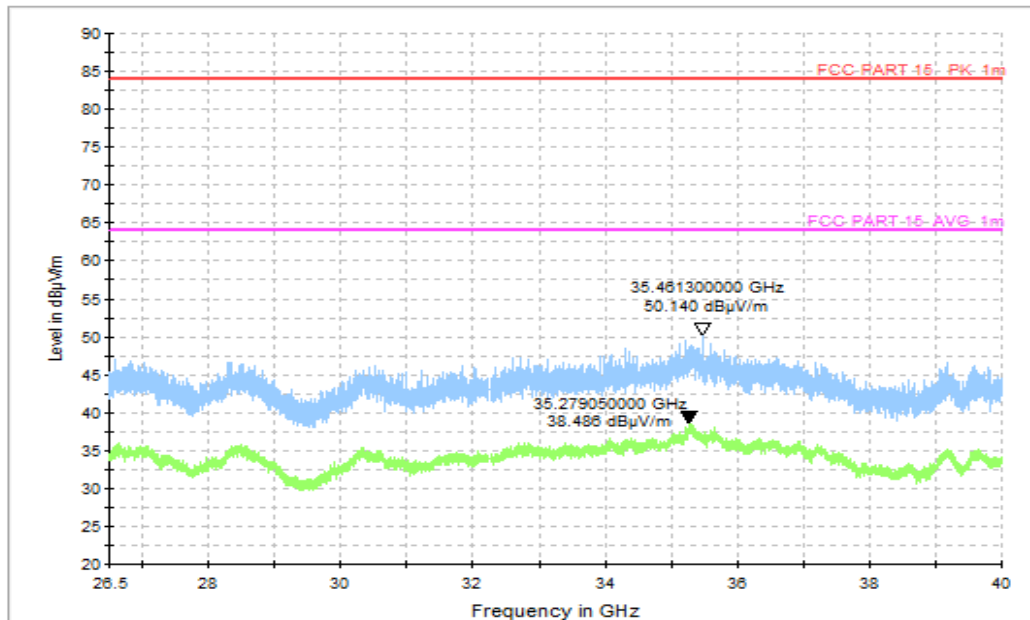


Figure A.1.44. Radiated Emission (Data Transfer: PC TO EUT , 26.5GHz to 40GHz)

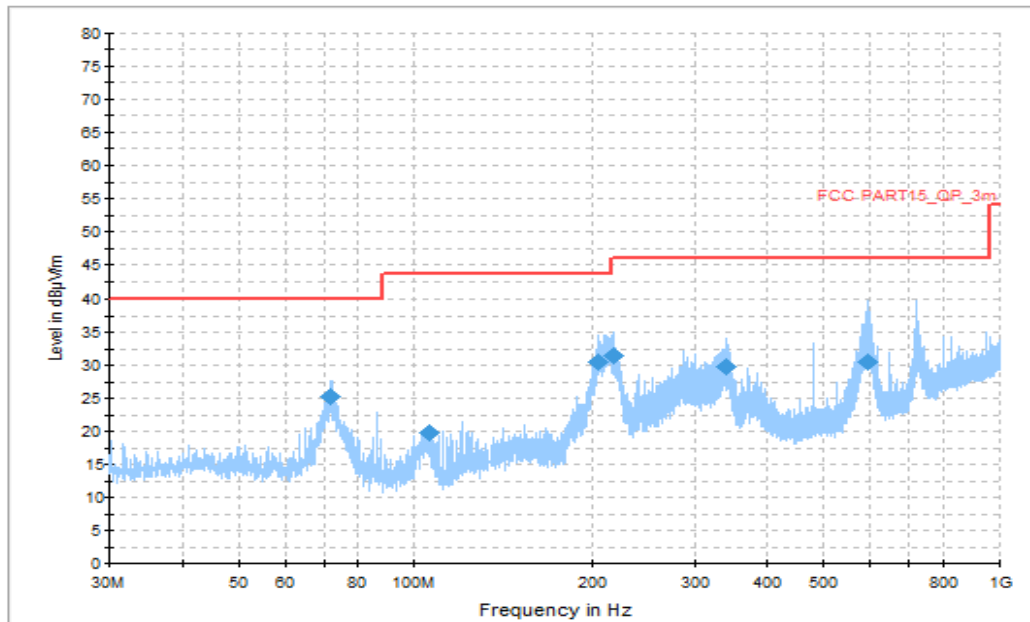


Figure A.1.45. Radiated Emission (Data Transfer: PC TO EUT, 30MHz to 1GHz)

Final_Results

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	ARpl (dB/m)	PMea (dBμV)
71.952500	25.32	40.00	14.68	H	-25.10	50.42
105.902500	19.88	43.50	23.62	H	-25.54	45.42
204.454500	30.38	43.50	13.12	H	-25.51	55.89
217.792000	31.50	46.00	14.50	H	-25.06	56.56
339.381500	29.74	46.00	16.26	H	-21.21	50.95
595.122000	30.39	46.00	15.61	V	-15.08	45.47

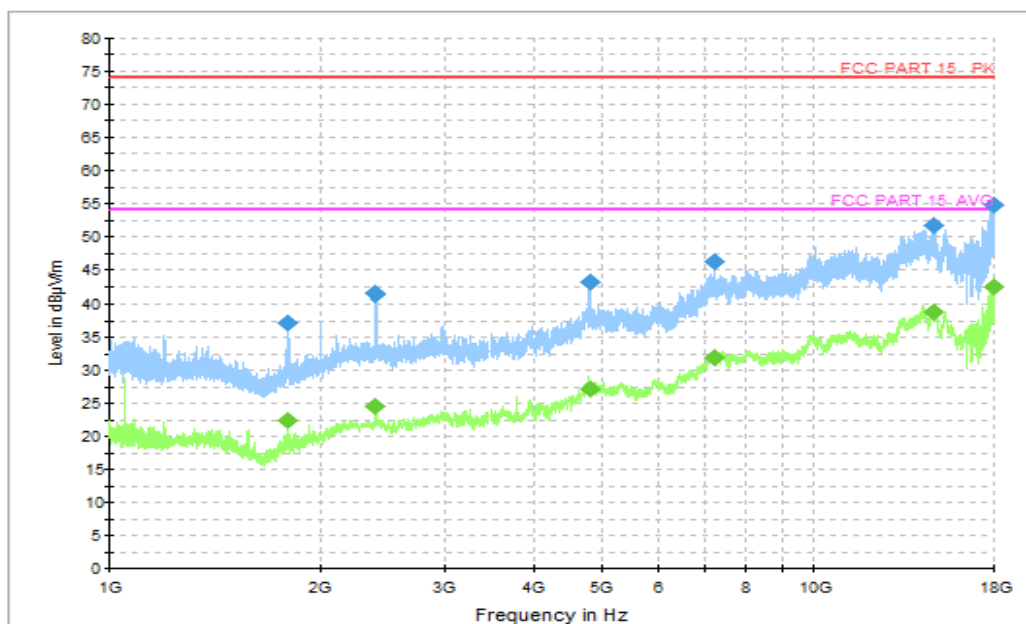


Figure A.1.46. Radiated Emission (Data Transfer: PC TO EUT, 1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBμV)
1794.200000	37.16	74.00	36.84	V	-19.35	56.51
2391.400000	41.49	74.00	32.51	V	-16.09	57.58
4793.600000	43.19	74.00	30.81	V	-6.89	50.08
7190.400000	46.09	74.00	27.91	V	-1.05	47.14
14773.500000	51.68	74.00	22.32	H	6.72	44.96
17978.400000	54.74	74.00	19.26	H	12.80	41.94

Final_Results_AVG

Frequency(MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBμV)
1794.200000	22.34	54.00	31.66	V	-19.35	41.69
2391.400000	24.43	54.00	29.57	V	-16.09	40.52
4793.600000	27.14	54.00	26.86	V	-6.89	34.03
7190.400000	32.01	54.00	21.99	V	-1.05	33.06
14773.500000	38.75	54.00	15.25	H	6.72	32.03
17978.400000	42.29	54.00	11.71	H	12.80	29.49

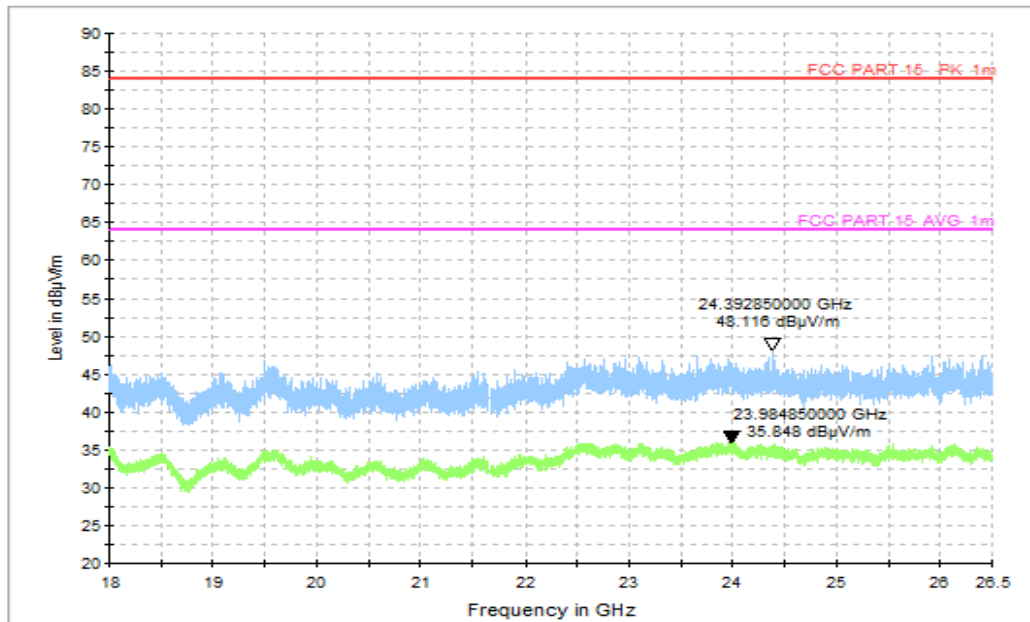


Figure A.1.47. Radiated Emission (Data Transfer: PC TO EUT, 18GHz to 26.5GHz)

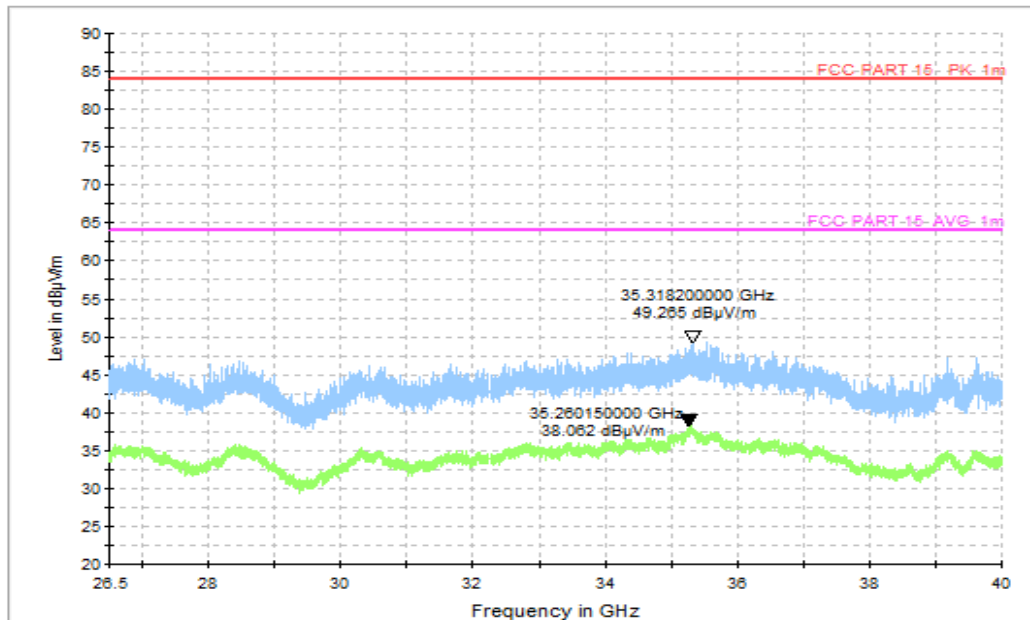


Figure A.1.48. Radiated Emission (Data Transfer: PC TO EUT , 26.5GHz to 40GHz)

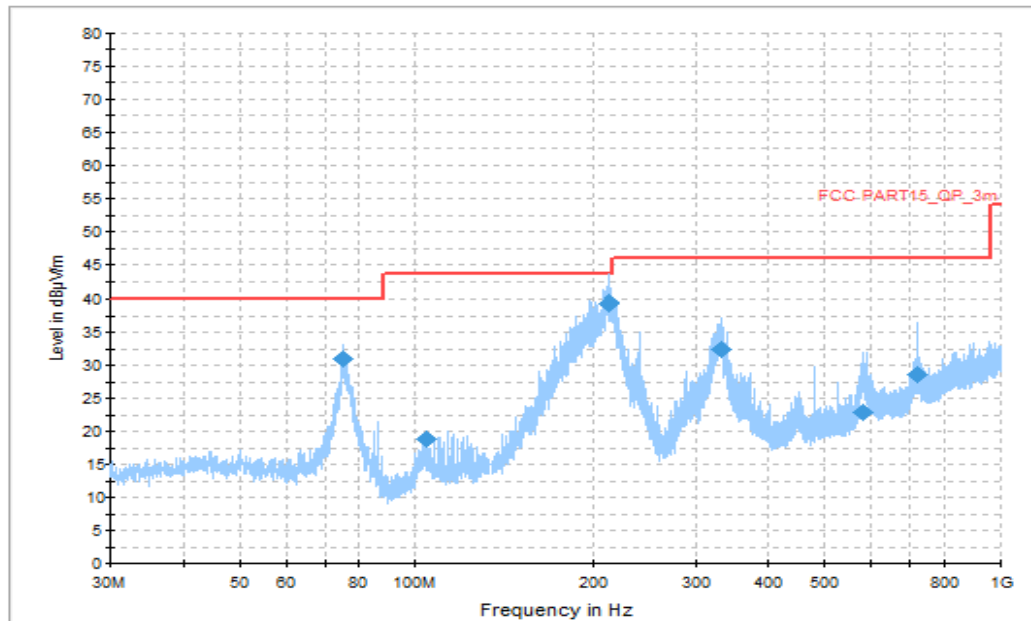


Figure A.1.49. Radiated Emission (Data Transfer: PC TO EUT, 30MHz to 1GHz)

Final_Results

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	ARpl (dB/m)	PMea (dBμV)
75.444500	30.90	40.00	9.10	H	-25.82	56.72
104.544500	18.77	43.50	24.73	H	-25.68	44.45
212.942000	39.18	43.50	4.32	H	-25.23	64.41
330.894000	32.33	46.00	13.67	H	-21.51	53.84
581.348000	22.83	46.00	23.17	V	-15.27	38.1
720.203500	28.60	46.00	17.40	H	-12.85	41.45

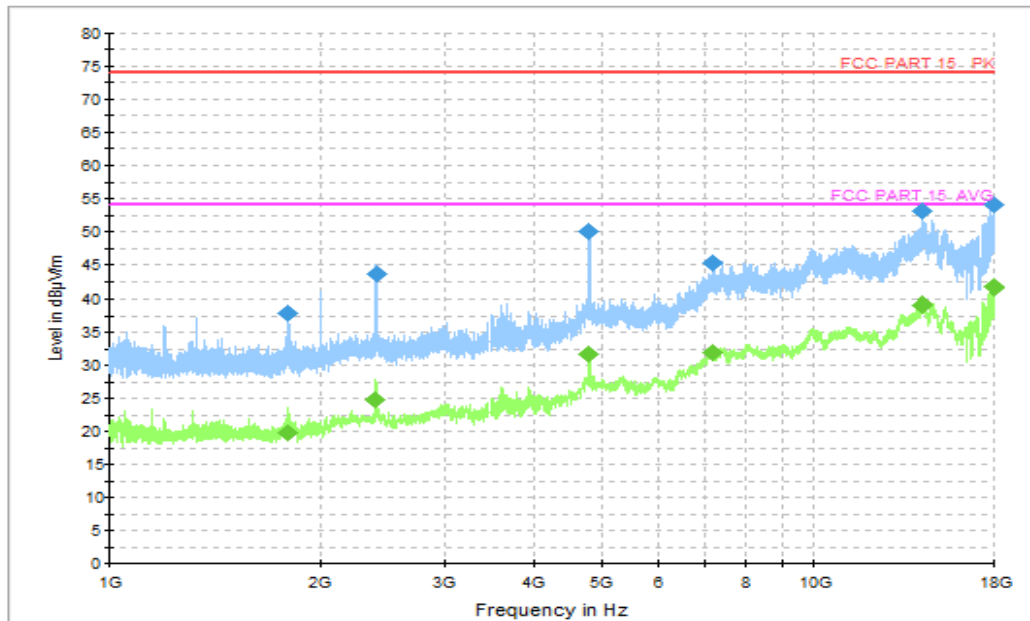


Figure A.1.50. Radiated Emission (Data Transfer: PC TO EUT, 1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBμV)
1793.200000	37.87	74.00	36.13	V	-19.35	57.22
2395.800000	43.64	74.00	30.36	H	-16.06	59.7
4781.600000	49.96	74.00	24.04	H	-6.82	56.78
7184.000000	45.14	74.00	28.86	V	-1.03	46.17
14271.000000	53.08	74.00	20.92	V	6.88	46.2
17989.200000	54.06	74.00	19.94	V	12.85	41.21

Final_Results_AVG

Frequency(MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBμV)
1793.200000	19.76	54.00	34.24	V	-19.35	39.11
2390.200000	24.73	54.00	29.27	V	-16.10	40.83
4781.600000	31.75	54.00	22.25	H	-6.82	38.57
7184.000000	31.90	54.00	22.10	V	-1.03	32.93
14271.000000	39.15	54.00	14.85	V	6.88	32.27
17980.400000	41.65	54.00	12.35	H	12.81	28.84

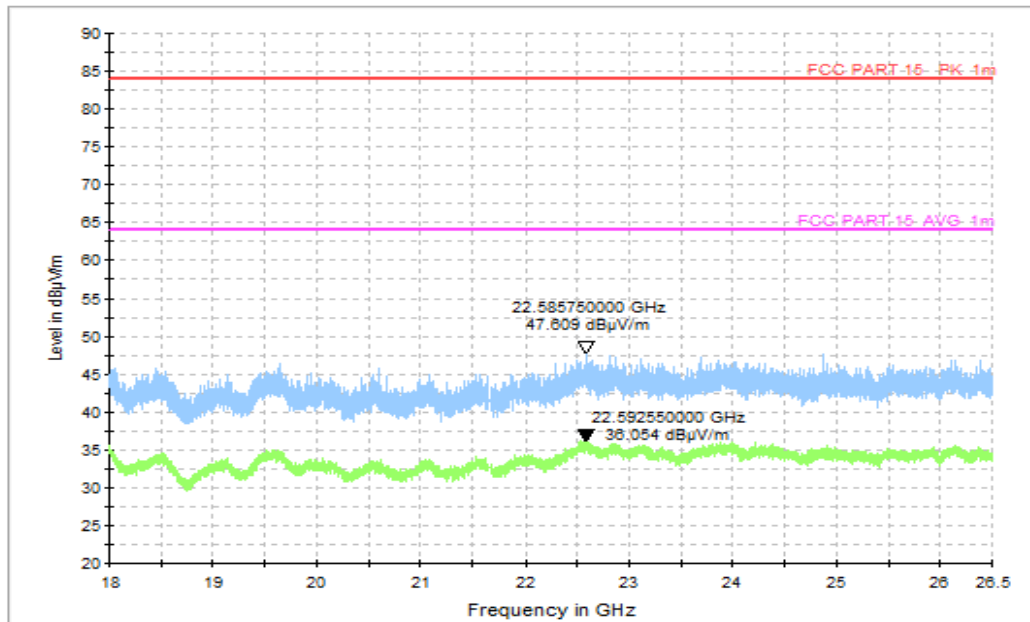


Figure A.1.51. Radiated Emission (Data Transfer: PC TO EUT, 18GHz to 26.5GHz)

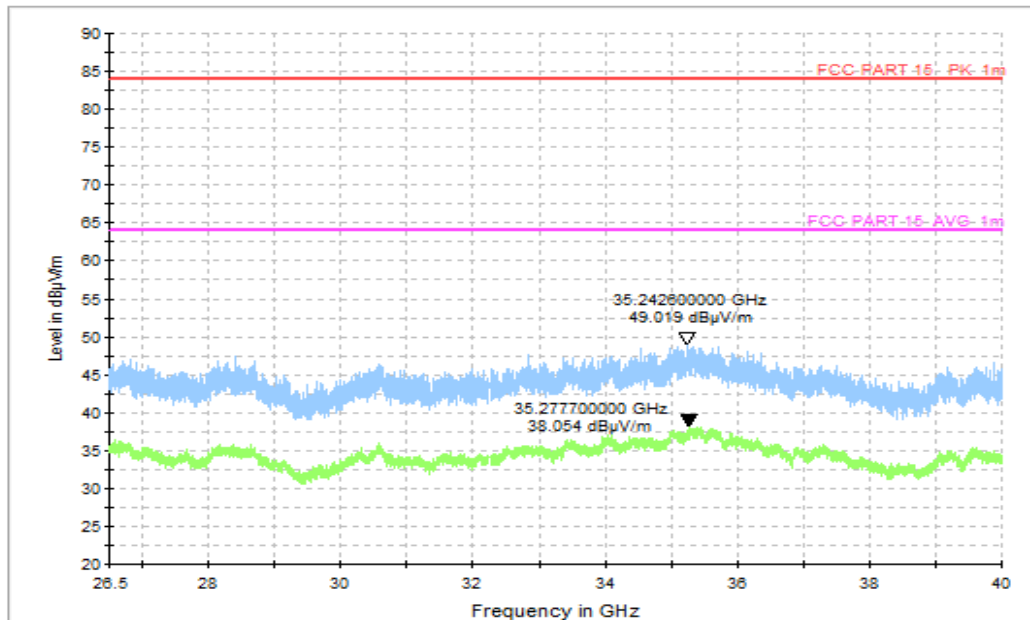


Figure A.1.52. Radiated Emission (Data Transfer: PC TO EUT , 26.5GHz to 40GHz)

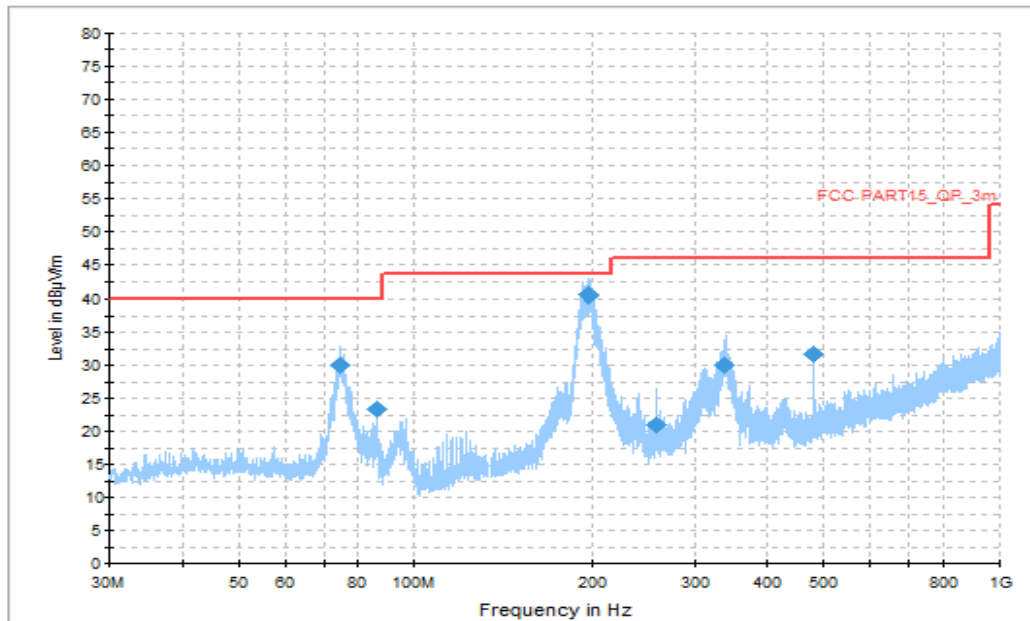


Figure A.1.53. Radiated Emission (Data Transfer: PC TO EUT, 30MHz to 1GHz)

Final_Results

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	ARpl (dB/m)	PMea (dBμV)
74.620000	30.11	40.00	9.89	H	-25.65	55.76
86.357000	23.28	40.00	16.72	H	-26.80	50.08
196.840000	40.58	43.50	2.92	H	-25.55	66.13
257.804500	20.89	46.00	25.11	H	-23.75	44.64
336.471500	30.02	46.00	15.98	H	-21.31	51.33
479.983000	31.63	46.00	14.37	H	-17.39	49.02

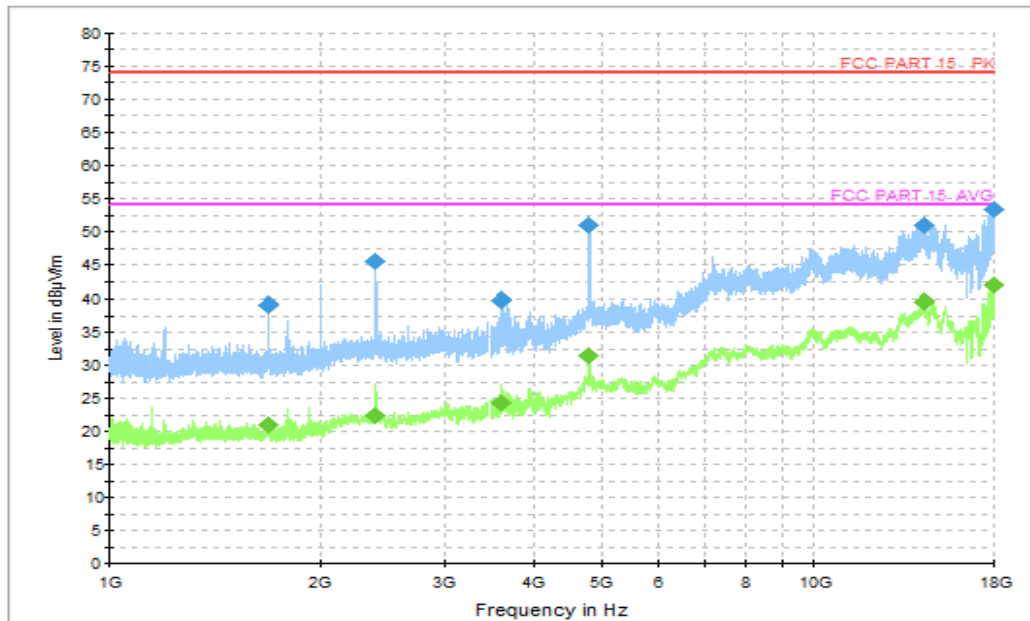


Figure A.1.54. Radiated Emission (Data Transfer: PC TO EUT, 1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBμV)
1680.200000	39.10	74.00	34.90	H	-19.82	58.92
2392.600000	45.55	74.00	28.45	V	-16.08	61.63
3583.200000	39.65	74.00	34.35	V	-13.10	52.75
4786.400000	50.97	74.00	23.03	V	-6.85	57.82
14280.500000	51.07	74.00	22.93	V	6.83	44.24
17988.400000	53.42	74.00	20.58	V	12.85	40.57

Final_Results_AVG

Frequency(MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBμV)
1680.200000	20.96	54.00	33.04	H	-19.82	40.78
2392.600000	22.41	54.00	31.59	V	-16.08	38.49
3583.200000	24.22	54.00	29.78	V	-13.10	37.32
4786.400000	31.53	54.00	22.47	V	-6.85	38.38
14280.500000	39.41	54.00	14.59	V	6.83	32.58
17988.400000	41.95	54.00	12.05	V	12.85	29.10

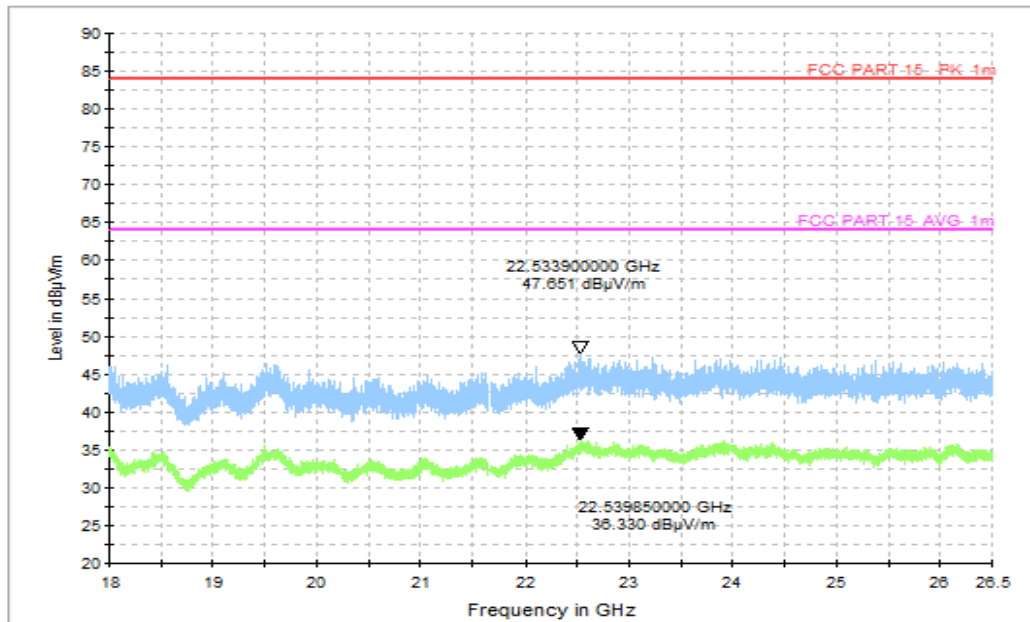


Figure A.1.55. Radiated Emission (Data Transfer: PC TO EUT, 18GHz to 26.5GHz)

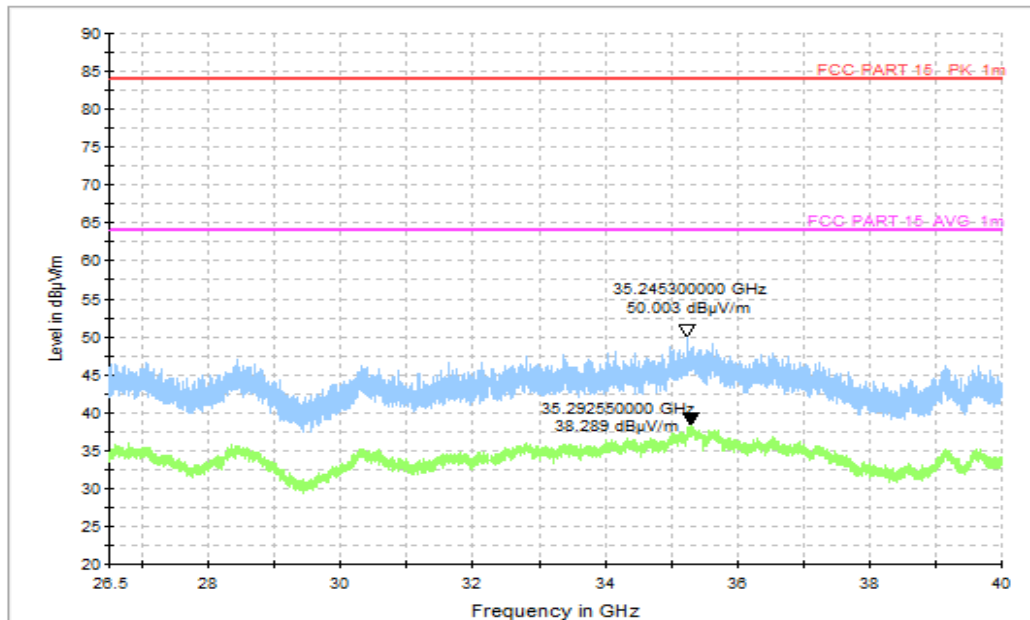


Figure A.1.56. Radiated Emission (Data Transfer: PC TO EUT , 26.5GHz to 40GHz)

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.

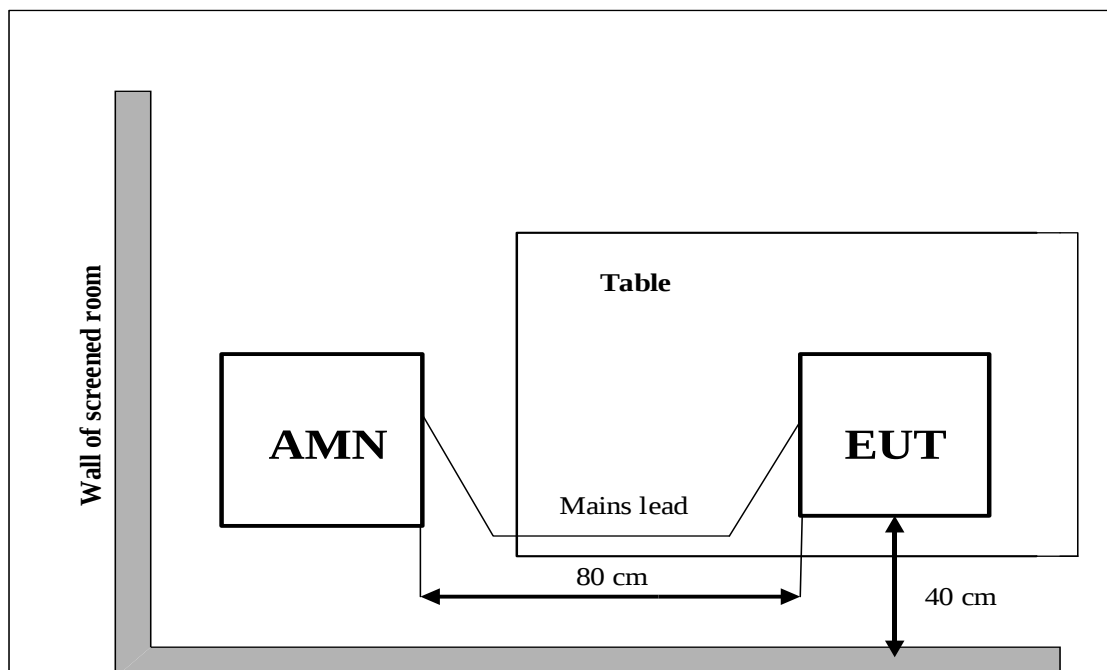
FM receiver: The EUT is connected to a charger for charging. The EUT is synchronized to a FM signal generator. The EUT is keeping on demodulating the FM signal and outputting the audio signal through the headset.

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.2.4 Test set-up:



A.2.5 Test Condition in charging mode

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

RBW	Sweep Time(s)
9kHz	1

A.2.6 Measurement Results

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

Where

Corr: PathLoss + Voltage Division Factor

PMea: Measurement result on receiver.

Camera

AC Input Port/ Voltage: 120V/60Hz

Frequency range (MHz)	Quasi-peak Limit (dBμV)	Average Limit (dBμV)	Result (dBμV)	Conclusion
			UT07aa/Set.1	
0.15 to 0.5	66 to 56	56 to 46	See Figure A.2.1.	P
0.5 to 5	56	46		
5 to 30	60	50		

NOTE: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.

Video Player

AC Input Port/ Voltage: 120V/60Hz

Frequency range (MHz)	Quasi-peak Limit (dBμV)	Average Limit (dBμV)	Result (dBμV)	Conclusion
			UT07aa/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.				

Video Player

AC Input Port/ Voltage: 120V/60Hz

Frequency range (MHz)	Quasi-peak Limit (dBμV)	Average Limit (dBμV)	Result (dBμV)	Conclusion
			UT07aa/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.				

FM receiver

AC Input Port/ Voltage: 120V/60Hz

Frequency range (MHz)	Quasi-peak Limit (dBμV)	Average Limit (dBμV)	Result (dBμV)	Conclusion
			UT07aa/Set.7	
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)	Conclusion
			UT07aa/Set.3	
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)	Conclusion
			UT07aa/Set.4	
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 (dBμV)	Average Limit (dBμV)	Result (dBμV)	Conclusion
			UT07aa/Set.5	
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 (dBμV)	Average Limit (dBμV)	Result (dBμV)	Conclusion
			UT07aa/Set.6	
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.				

Camera

AC Input Port/ Voltage: 240V/60Hz

Frequency range (MHz)	Quasi-peak Limit (dBμV)	Average Limit (dBμV)	Result (dBμV)	Conclusion
			UT07aa/Set.1	
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.				

Video Player

AC Input Port/ Voltage: 240V/60Hz

Frequency range (MHz)	Quasi-peak Limit (dBμV)	Average Limit (dBμV)	Result (dBμV)	Conclusion
			UT07aa/Set.1	
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.				

Video Player

AC Input Port/ Voltage: 120V/60Hz

Frequency range (MHz)	Quasi-peak Limit (dBμV)	Average Limit (dBμV)	Result (dBμV)	Conclusion
			UT07aa/Set.2	
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.				

FM receiver

AC Input Port/ Voltage: 240V/60Hz

Frequency range (MHz)	Quasi-peak Limit (dBμV)	Average Limit (dBμV)	Result (dBμV)	Conclusion
			UT07aa/Set.7	
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.				

Data Transfer

AC Input Port/ Voltage: 240V/60Hz

Frequency range (MHz)	Quasi-peak Limit (dBμV)	Average Limit (dBμV)	Result (dBμV)	Conclusion
			UT07aa/Set.3	
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.				

Data Transfer

AC Input Port/ Voltage: 120V/60Hz

Frequency range (MHz)	Quasi-peak Limit (dBμV)	Average Limit (dBμV)	Result (dBμV)	Conclusion
			UT07aa/Set.4	
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.				

Data Transfer

AC Input Port/ Voltage: 120V/60Hz

Frequency range (MHz)	Quasi-peak Limit (dBμV)	Average Limit (dBμV)	Result (dBμV)	Conclusion
			UT07aa/Set.5	
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.				

Data Transfer

AC Input Port/ Voltage: 120V/60Hz

Frequency range (MHz)	Quasi-peak Limit (dBμV)	Average Limit (dBμV)	Result (dBμV)	Conclusion
			UT07aa/Set.6	
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.				

AC Input Port/ Voltage: 120V/60Hz

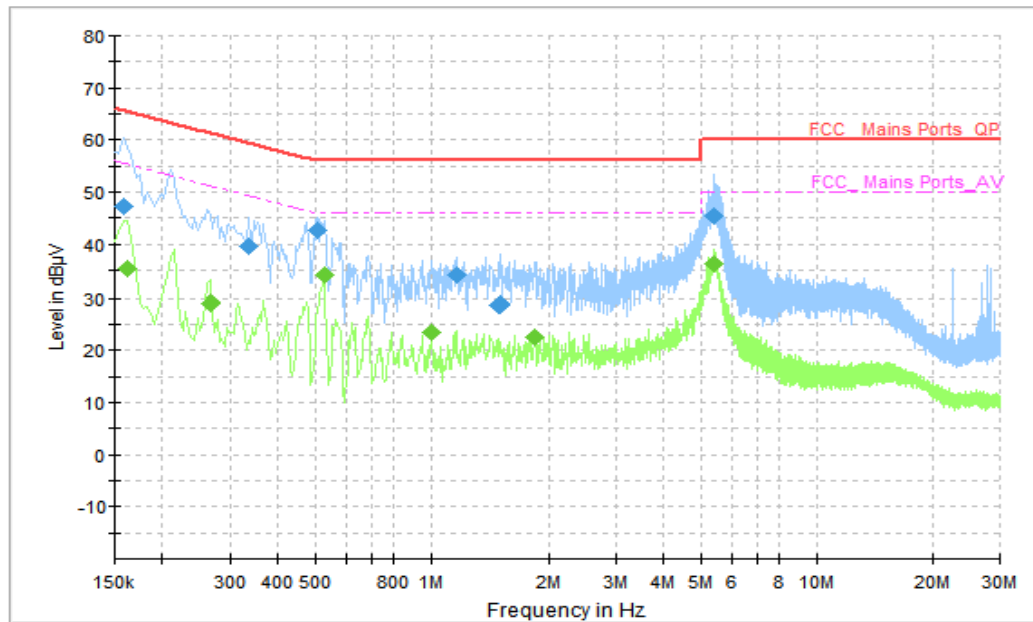


Figure A.2.1. Conducted Emission(Camera)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBμV)
0.158000	47.30	65.57	18.27	N	10	28.36
0.334000	39.67	59.35	19.68	N	10	26.43
0.506000	42.58	56.00	13.42	N	10	17.73
1.162000	34.09	56.00	21.91	L1	10	20.08
1.498000	28.75	56.00	27.25	L1	10	18.05
5.398000	45.49	60.00	14.51	L1	10	15.21

Final_Result_AVG

Frequency (MHz)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBμV)
0.162000	35.50	55.36	19.86	N	10	9.60
0.266000	28.87	51.24	22.37	N	10	20.37
0.526000	34.18	46.00	11.82	L1	10	10.76
1.002000	23.40	46.00	22.60	L1	10	12.38
1.846000	22.53	46.00	23.47	L1	10	10.08
4.458000	21.42	46.00	24.58	N	10	11.42

AC Input Port/ Voltage: 120V/60Hz

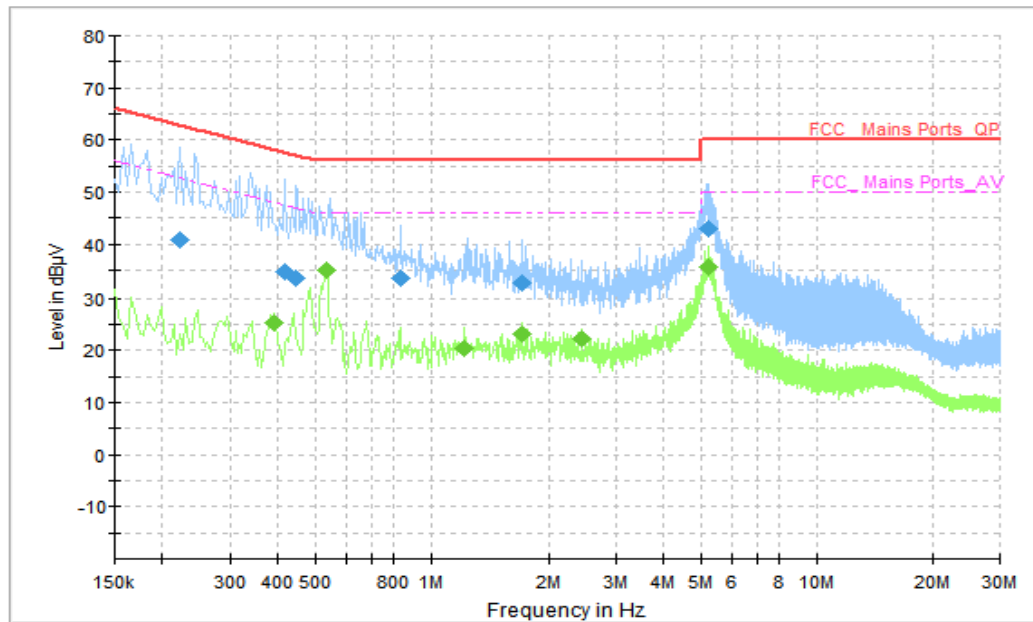


Figure A.2.2. Conducted Emission(Video Player)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBμV)
0.222000	40.75	62.74	21.99	L1	10	27.93
0.414000	34.71	57.57	22.85	L1	10	26.45
0.446000	33.49	56.95	23.45	L1	10	17.48
0.834000	33.59	56.00	22.41	L1	10	20.04
1.710000	32.46	56.00	23.54	L1	10	17.02
5.250000	42.91	60.00	17.09	N	10	20.91

Final_Result_AVG

Frequency (MHz)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBμV)
0.390000	25.31	48.06	22.76	L1	10	14.26
0.534000	35.01	46.00	10.99	L1	10	19.12
1.222000	20.36	46.00	25.64	N	10	10.60
1.710000	23.27	46.00	22.73	L1	10	9.96
2.442000	22.29	46.00	23.71	L1	10	9.37
5.234000	35.78	50.00	14.22	L1	10	11.36

AC Input Port/ Voltage: 120V/60Hz

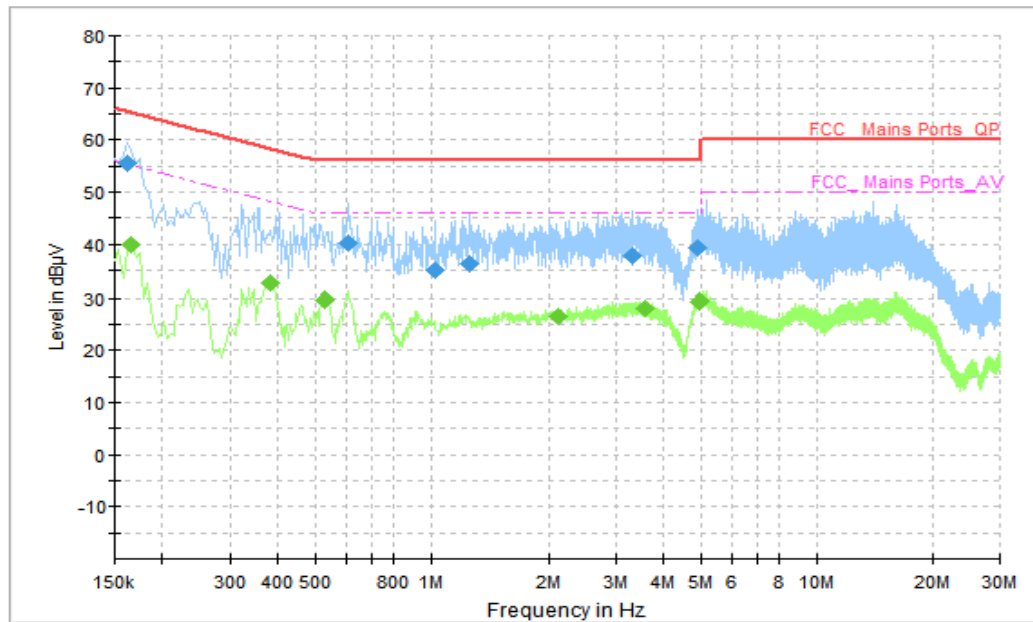


Figure A.2.3. Conducted Emission(Video Player)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBμV)
0.162000	55.49	65.36	9.87	N	10	31.08
0.610000	40.23	56.00	15.77	N	10	25.35
1.026000	35.04	56.00	20.96	N	10	24.02
1.254000	36.41	56.00	19.59	N	10	16.94
3.306000	37.86	56.00	18.14	N	10	14.35
4.918000	39.47	56.00	16.53	N	10	15.36

Final_Result_AVG

Frequency (MHz)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBμV)
0.166000	39.82	55.16	15.34	N	10	17.02
0.382000	32.63	48.24	15.61	L1	10	12.2
0.530000	29.65	46.00	16.35	L1	10	17.14
2.118000	26.57	46.00	19.43	N	10	6.79
3.558000	27.97	46.00	18.03	N	10	8.96
4.966000	29.25	46.00	16.75	N	10	8.33

AC Input Port/ Voltage: 120V/60Hz

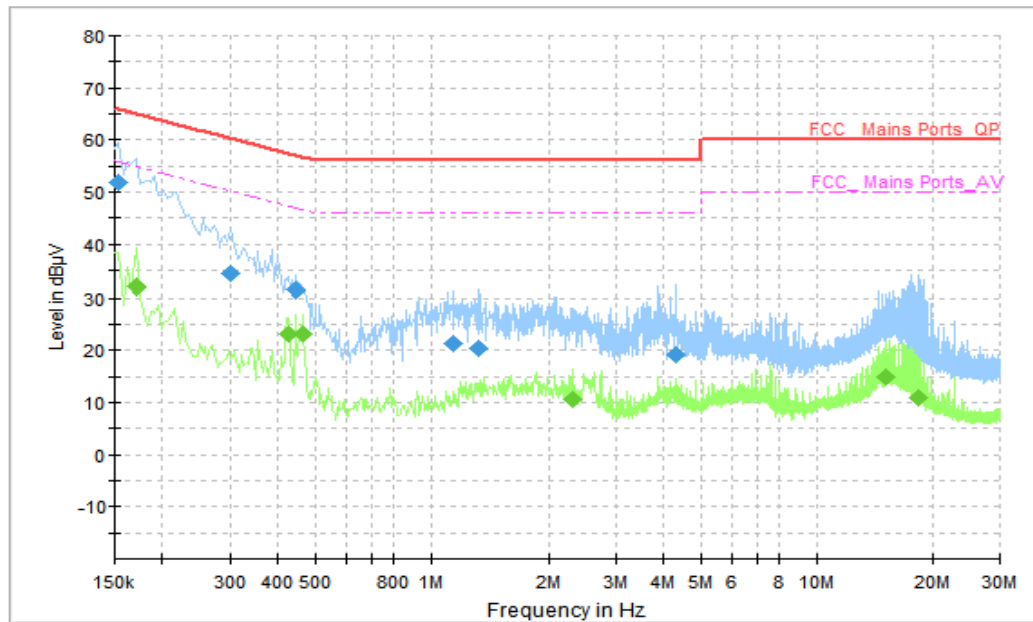


Figure A.2.4. Conducted Emission(Data Transfer)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	PMea (dBμV)
0.154000	51.94	65.78	13.84	N	10	43.31
0.302000	34.37	60.19	25.81	N	10	31.23
0.442000	31.26	57.02	25.76	L1	10	15.70
1.146000	21.41	56.00	34.59	L1	10	15.92
1.326000	20.48	56.00	35.52	L1	10	15.96
4.302000	19.06	56.00	36.94	N	10	19.03

Final_Result_AVG

Frequency (MHz)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBμV)
0.170000	32.08	54.96	22.88	L1	10	25.98
0.426000	23.17	47.33	24.16	L1	10	17.07
0.462000	23.11	46.66	23.54	L1	10	9.46
2.306000	10.61	46.00	35.39	N	10	9.56
15.218000	14.89	50.00	35.11	N	10	16.98
18.354000	10.96	50.00	39.04	L1	10	17.36

AC Input Port/ Voltage: 120V/60Hz

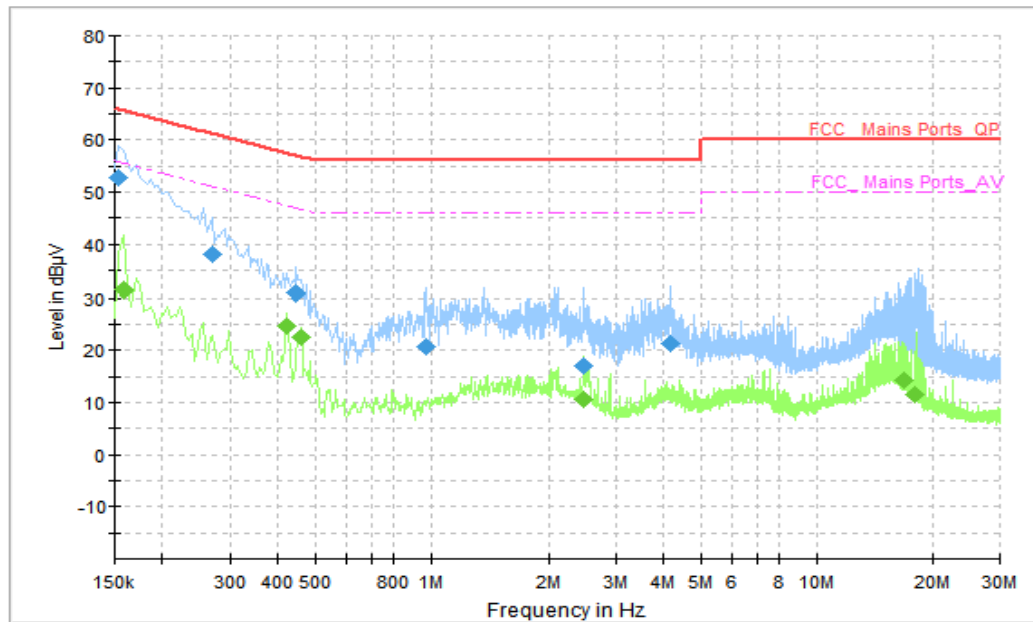


Figure A.2.5. Conducted Emission(Data Transfer)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBμV)
0.154000	52.77	65.78	13.01	L1	10	43.31
0.270000	38.21	61.12	22.91	N	10	31.23
0.446000	30.80	56.95	26.15	N	10	15.70
0.966000	20.55	56.00	35.45	L1	10	15.92
2.482000	17.02	56.00	38.98	N	10	15.96
4.146000	21.15	56.00	34.85	L1	10	19.03

Final_Result_AVG

Frequency (MHz)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBμV)
0.158000	31.44	55.57	24.13	L1	10	25.98
0.422000	24.60	47.41	22.81	N	10	17.07
0.458000	22.45	46.73	24.28	L1	10	9.46
2.482000	10.49	46.00	35.51	N	10	9.56
16.826000	14.11	50.00	35.89	L1	10	16.98
18.034000	11.40	50.00	38.60	L1	10	17.36

AC Input Port/ Voltage: 120V/60Hz

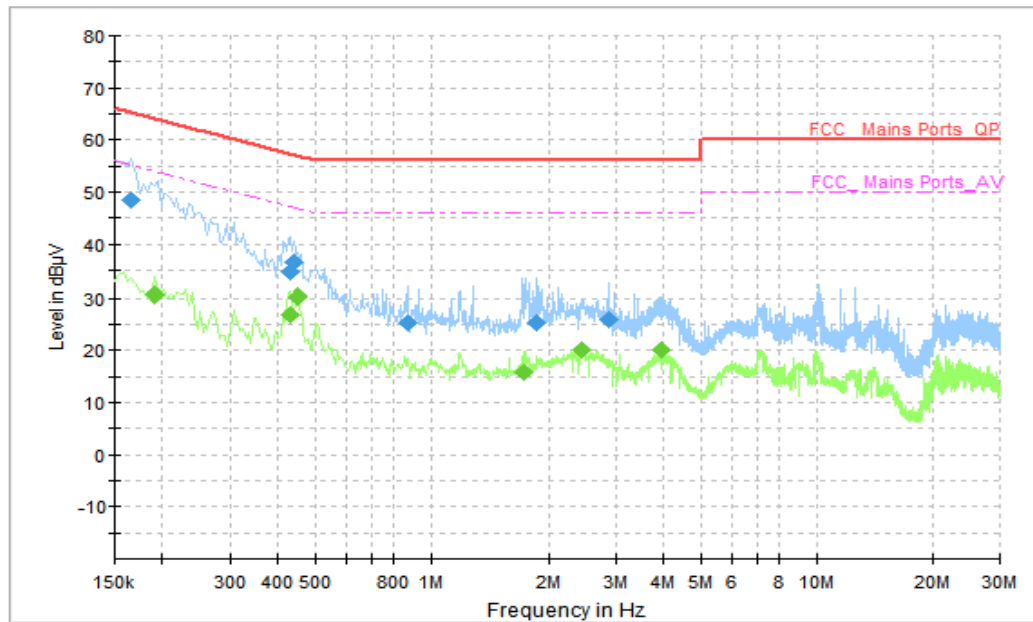


Figure A.2.6. Conducted Emission(Data Transfer)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBμV)
0.166000	48.44	65.16	16.71	N	10	43.31
0.430000	34.67	57.25	22.58	N	10	31.23
0.438000	36.46	57.10	20.64	N	10	15.70
0.870000	25.34	56.00	30.66	N	10	15.92
1.870000	25.21	56.00	30.79	N	10	15.96
2.866000	25.86	56.00	30.14	L1	10	19.03

Final_Result_AVG

Frequency (MHz)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBμV)
0.190000	30.33	54.04	23.70	N	10	25.98
0.430000	26.90	47.25	20.35	N	10	17.07
0.450000	30.12	46.88	16.75	L1	10	9.46
1.718000	15.73	46.00	30.27	N	10	9.56
2.430000	20.15	46.00	25.85	N	10	16.98
3.942000	20.15	46.00	25.85	N	10	17.36

AC Input Port/ Voltage: 120V/60Hz

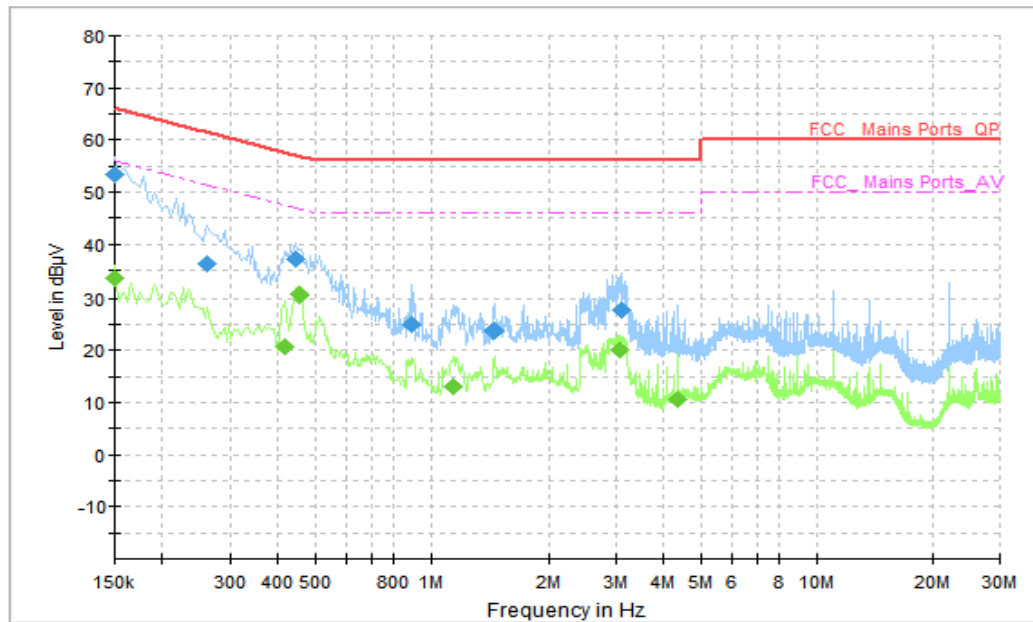


Figure A.2.7. Conducted Emission(Data Transfer)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBμV)
0.150000	53.51	66.00	12.49	N	10	43.31
0.262000	36.35	61.37	25.01	N	10	31.23
0.446000	37.26	56.95	19.69	L1	10	15.70
0.886000	25.01	56.00	30.99	N	10	15.92
1.446000	23.73	56.00	32.27	N	10	15.96
3.102000	27.70	56.00	28.30	N	10	19.03

Final_Result_AVG

Frequency (MHz)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBμV)
0.150000	33.61	56.00	22.39	L1	10	25.98
0.418000	20.74	47.49	26.75	N	10	17.07
0.454000	30.60	46.80	16.20	L1	10	9.46
1.142000	13.05	46.00	32.95	N	10	9.56
3.062000	20.17	46.00	25.83	N	10	16.98
4.338000	10.56	46.00	35.44	N	10	17.36

AC Input Port/ Voltage: 240V/60Hz

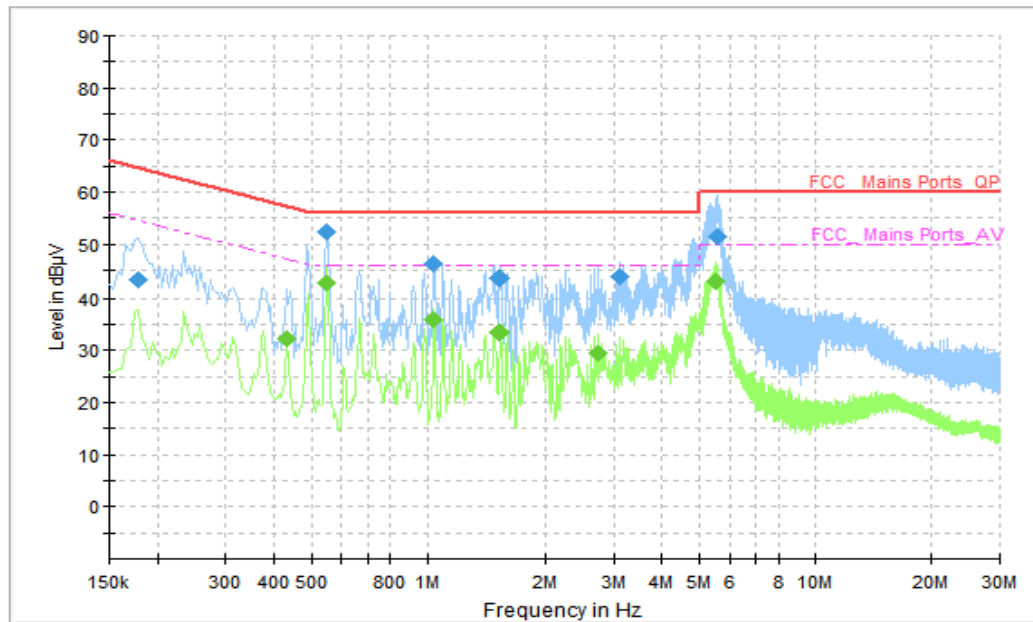


Figure A.2.8. Conducted Emission(Camera)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBμV)
0.178000	43.30	64.58	21.28	N	10	30.09
0.550000	52.43	56.00	3.57	N	10	26.36
1.038000	46.42	56.00	9.58	N	10	31.44
1.530000	43.60	56.00	12.40	N	10	27.17
3.114000	43.87	56.00	12.13	N	10	28.21
5.554000	51.35	60.00	8.65	N	10	27.93

Final_Result_AVG

Frequency (MHz)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBμV)
0.430000	32.32	47.25	14.93	N	10	19.82
0.550000	42.55	46.00	3.45	N	10	23.24
1.038000	35.84	46.00	10.16	N	10	19.42
1.530000	33.35	46.00	12.65	N	10	19.90
2.742000	29.54	46.00	16.46	N	10	19.56
5.514000	42.83	50.00	7.17	N	10	17.19

AC Input Port/ Voltage: 240V/60Hz

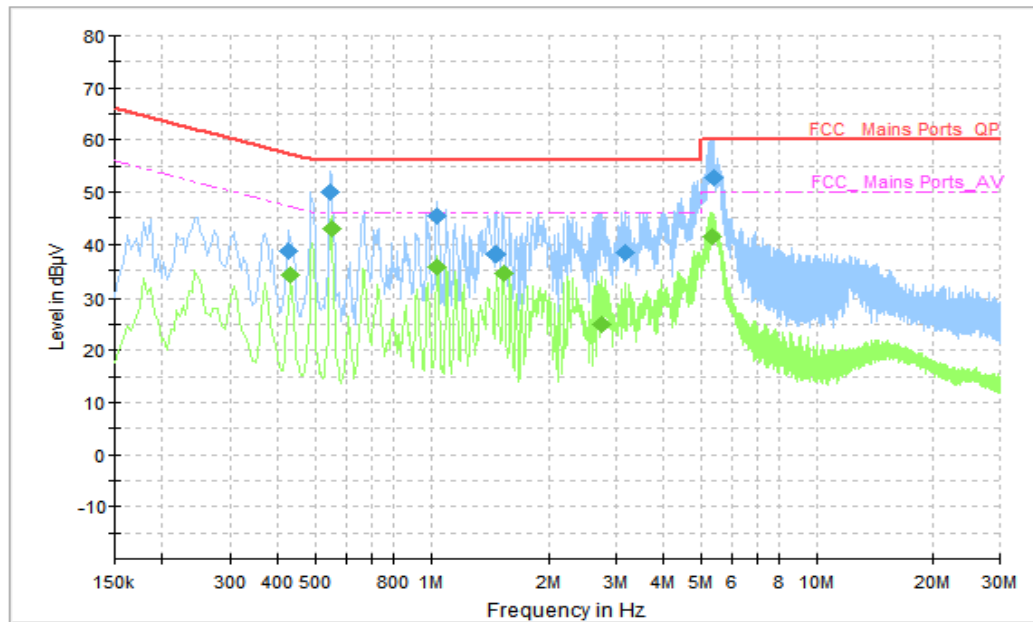


Figure A.2.9. Conducted Emission(Video Player)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	PMea (dBμV)
0.426000	38.60	57.33	18.73	N	10	33.51
0.546000	49.89	56.00	6.11	N	10	26.5
1.038000	45.54	56.00	10.46	N	10	29.75
1.462000	38.03	56.00	17.97	N	10	25.68
3.170000	38.48	56.00	17.52	N	10	23.97
5.370000	52.68	60.00	7.32	N	10	23.65

Final_Result_AVG

Frequency (MHz)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	PMea (dBμV)
0.430000	34.07	47.25	13.18	N	10	17.12
0.550000	42.99	46.00	3.01	N	10	17.13
1.038000	35.51	46.00	10.49	N	10	21.36
1.530000	34.49	46.00	11.51	L1	10	17.09
2.738000	25.00	46.00	21.00	N	10	18.58
5.310000	41.46	50.00	8.54	N	10	11.44

AC Input Port/ Voltage: 240V/60Hz

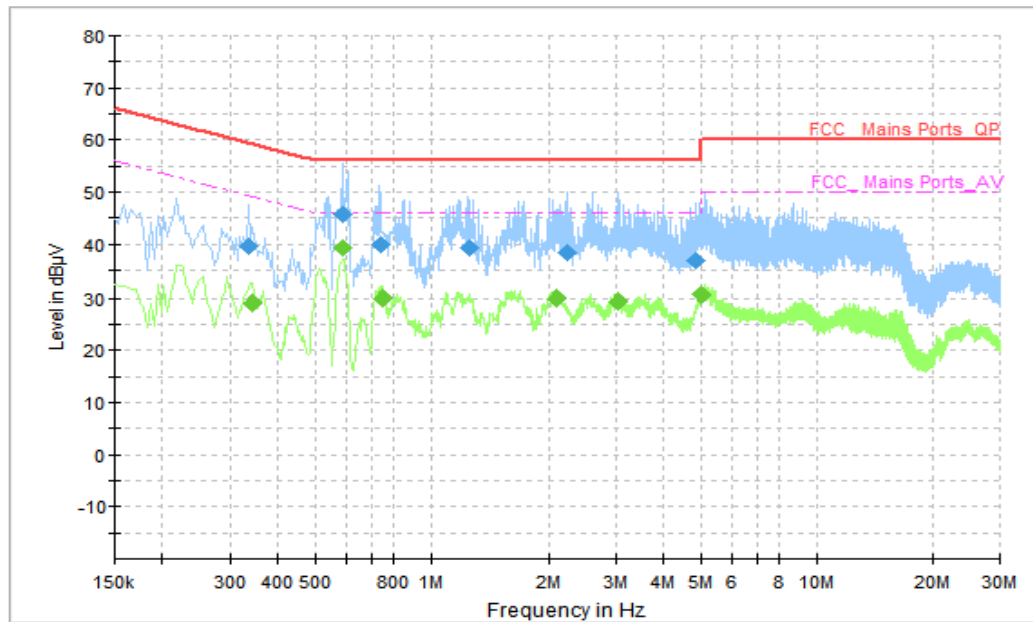


Figure A.2.10. Conducted Emission(Video Player)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	PMea (dBμV)
0.334000	39.53	59.35	19.82	L1	10	27.21
0.586000	45.73	56.00	10.27	L1	10	22.36
0.738000	40.07	56.00	15.93	L1	10	31.35
1.262000	39.31	56.00	16.69	L1	10	27.02
2.230000	38.40	56.00	17.60	L1	10	29.36
4.850000	36.87	56.00	19.13	L1	10	27.02

Final_Result_AVG

Frequency (MHz)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBμV)
0.342000	29.05	49.16	20.10	N	10	20.33
0.590000	39.33	46.00	6.67	N	10	23.56
0.746000	29.88	46.00	16.12	N	10	18.98
2.098000	29.88	46.00	16.12	N	10	20.29
3.046000	29.19	46.00	16.81	N	10	20.57
4.990000	30.37	46.00	15.63	N	10	18.20

AC Input Port/ Voltage: 240V/60Hz

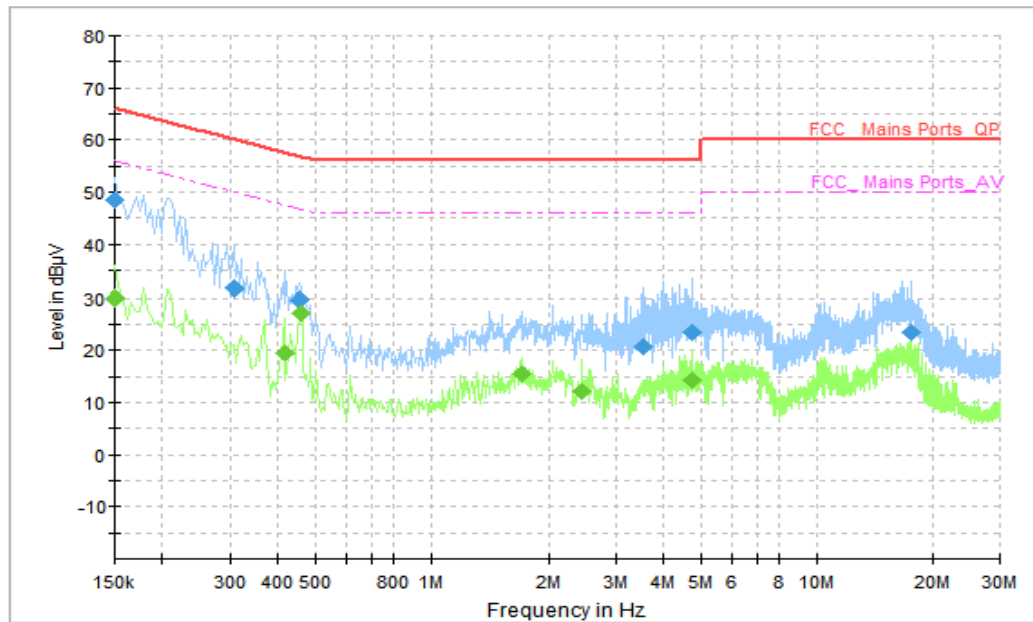


Figure A.2.11. Conducted Emission(Data Transfer)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBμV)
0.150000	48.62	66.00	17.38	N	10	49.32
0.306000	31.59	60.08	28.49	N	10	35.48
0.454000	29.63	56.80	27.17	N	10	18.67
3.546000	20.73	56.00	35.27	L1	10	16.09
4.758000	23.54	56.00	32.46	L1	10	17.65
17.706000	23.48	60.00	36.52	L1	10	18.41

Final_Result_AVG

Frequency (MHz)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBμV)
0.150000	29.75	56.00	26.25	N	10	27.85
0.414000	19.35	47.57	28.21	N	10	20.15
0.458000	26.95	46.73	19.77	L1	10	9.81
1.702000	15.43	46.00	30.57	N	10	10.95
2.446000	12.11	46.00	33.89	N	10	15.96
4.758000	14.19	46.00	31.81	L1	10	15.81

AC Input Port/ Voltage: 240V/60Hz

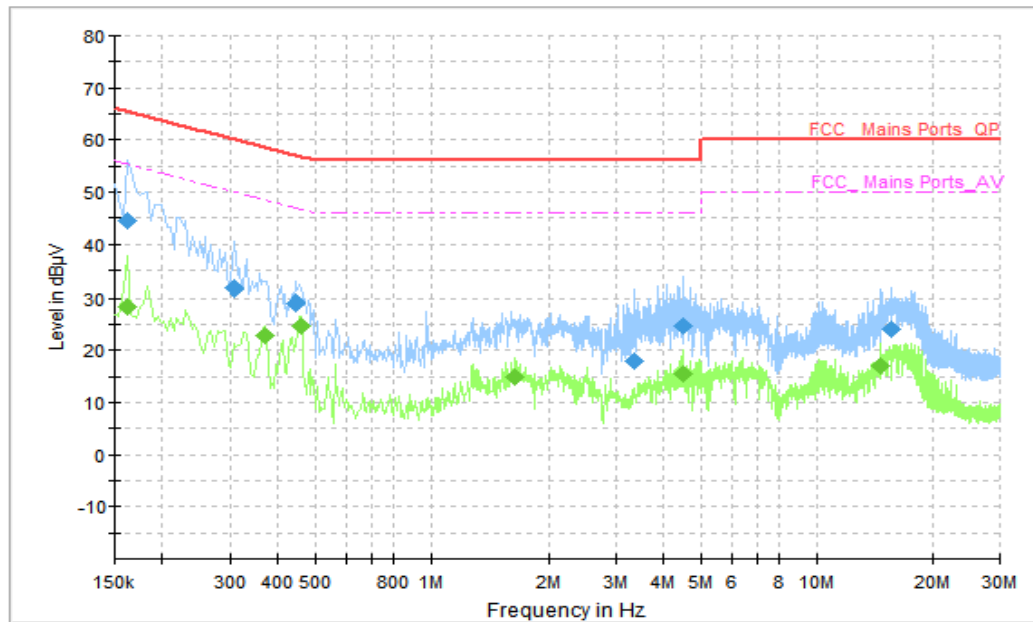


Figure A.2.12. Conducted Emission(Data Transfer)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBμV)
0.162000	44.46	65.36	20.90	L1	10	49.32
0.306000	31.68	60.08	28.40	N	10	35.48
0.442000	28.79	57.02	28.23	N	10	18.67
3.358000	18.04	56.00	37.96	N	10	16.09
4.474000	24.57	56.00	31.43	L1	10	17.65
15.638000	24.13	60.00	35.87	L1	10	18.41

Final_Result_AVG

Frequency (MHz)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBμV)
0.162000	28.28	55.36	27.08	L1	10	27.85
0.370000	22.73	48.50	25.77	L1	10	20.15
0.458000	24.78	46.73	21.95	L1	10	9.81
1.642000	14.76	46.00	31.24	N	10	10.95
4.474000	15.40	46.00	30.60	L1	10	15.96
14.706000	16.87	50.00	33.13	L1	10	15.81

AC Input Port/ Voltage: 240V/60Hz

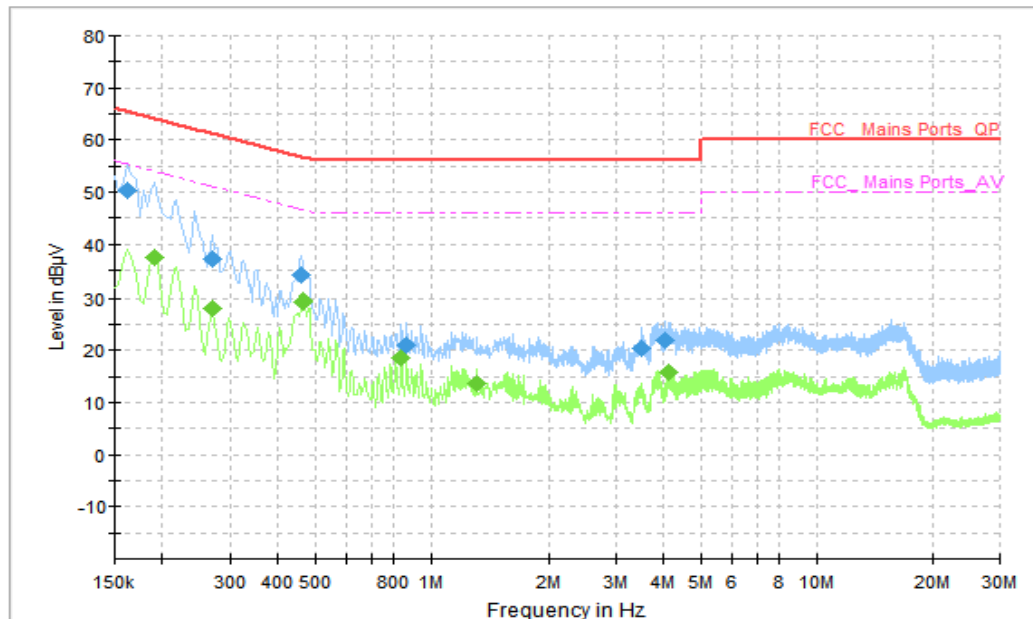


Figure A.2.13. Conducted Emission(Data Transfer)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBμV)
0.162000	50.30	65.36	15.06	N	10	49.32
0.270000	37.26	61.12	23.86	N	10	35.48
0.458000	34.04	56.73	22.69	L1	10	18.67
0.862000	20.96	56.00	35.04	L1	10	16.09
3.494000	20.42	56.00	35.58	N	10	17.65
4.034000	21.81	56.00	34.19	L1	10	18.41

Final_Result_AVG

Frequency (MHz)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBμV)
0.190000	37.61	54.04	16.43	N	10	27.85
0.270000	27.97	51.12	23.15	L1	10	20.15
0.466000	29.18	46.59	17.41	N	10	9.81
0.838000	18.60	46.00	27.40	L1	10	10.95
1.314000	13.61	46.00	32.39	N	10	15.96
4.130000	15.80	46.00	30.20	L1	10	15.81

AC Input Port/ Voltage: 240V/60Hz

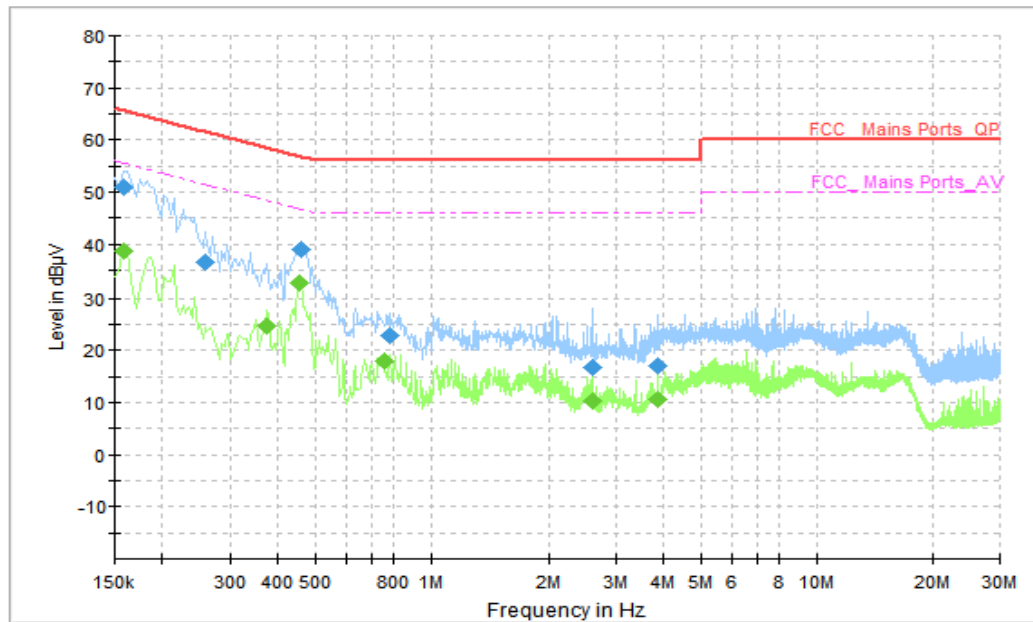


Figure A.2.14. Conducted Emission(Data Transfer)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBμV)
0.158000	50.86	65.57	14.71	N	10	49.32
0.258000	36.72	61.50	24.77	N	10	35.48
0.458000	39.01	56.73	17.72	N	10	18.67
0.778000	22.82	56.00	33.18	L1	10	16.09
2.602000	16.70	56.00	39.30	L1	10	17.65
3.866000	17.01	56.00	38.99	N	10	18.41

Final_Result_AVG

Frequency (MHz)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBμV)
0.158000	38.82	55.57	16.75	N	10	27.85
0.374000	24.67	48.41	23.74	L1	10	20.15
0.454000	32.45	46.80	14.35	L1	10	9.81
0.754000	18.06	46.00	27.95	L1	10	10.95
2.598000	10.39	46.00	35.61	L1	10	15.96
3.866000	10.63	46.00	35.37	N	10	15.81

END OF REPORT