



TEST REPORT

No.I21N03521-EMC

for

TCL Communication Ltd.

LTE/WCDMA/GSM mobile phone

Model Name: T676J

With

Hardware Version: PIO

Software Version: V2B51

FCC ID: 2ACCJH157

Issued Date: 2022-01-09

Designation Number: CN1210

Note:

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

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REPORT HISTORY

Report Number	Revision	Description	Issue Date
I21N03521-EMC	Rev.0	1st edition	2022-01-09

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



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1. SUMMARY OF TEST REPORT

1.1. Test Items

Description	LTE/WCDMA/GSM mobile phone
Model Name	T676J
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: 2022-01-03

Testing End Date: 2022-01-06

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

Company Name: TCL Communication Ltd.
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Fax: 0086-755-36612000-81722



3. EQUIPMENT UNDER TEST (EUT) AND ANCILLARY EQUIPMENT

(AE)

3.1. About EUT

Description	LTE/WCDMA/GSM mobile phone
Model Name	T676J
FCC ID	2ACCJH157
Condition of EUT as received	No obvious damage in appearance

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

3.2. Internal Identification of EUT

EUT ID*	SN or IMEI	HW Version	SW Version	Receive Date
UT04aa	359864950001111	PIO	V2B51	2021-12-08
UT05aa	359864950001095	PIO	V2B51	2021-12-08

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

3.3. Internal Identification of AE

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

AE1

Model	TLp049B7
Manufacturer	VEKEN
S/N	CAC4900004C7
Capacity	4010mAh
Nominal Voltage	3.87V

AE2-1

Model	QC13US
S/N	CBA0064BGTC5
Manufacturer	PUAN

AE2-2

Model	UC13US
S/N	CBA0059AGTC1
Manufacturer	PUAN

AE2-3

Model	UC13US
S/N	CBA0059AGTC5



Manufacturer	PUAN
AE3-1	
Model	CDA0000128C1
Manufacturer	JUWEI
AE3-2	
Model	CDA0000123C1
Manufacturer	JUWEI
AE3-3	
Model	CDA000123C8
Manufacturer	JUWEI
AE4-1	
Model	CCB0049A12C1
Manufacturer	JUWEI
AE4-2	
Model	CCB0077B10C1

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



3.5. General Description

The Equipment Under Test (EUT) is a model of LTE/WCDMA/GSM mobile phone.

It supports GSM850/900/1800/1900MHz, WCDMA Bands1/2/4/5/8, LTE Bands 2/3/4/5/7/8/12/13/17/26/28/38/40/66.

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

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

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

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



4. REFERENCE DOCUMENTS

4.1. Reference Documents for Testing

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

Reference	Title	Version
FCC Part 15, Subpart B	Radio frequency devices	(10-1-2020 Edition)
ANSI C63.4	Methods of Measurement of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the Range of 9 kHz to 40 GHz	2014

5. LABORATORY ENVIRONMENT

Semi-anechoic chamber did not exceed following limits along the EMC testing:

9.10m×6.10m×5.60m (L×W×H)

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

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

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

Fully-anechoic chamber did not exceed following limits along the EMC testing:

9.10m×6.10m×5.60m (L×W×H)

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

6. SUMMARY OF TEST RESULTS

6.1. Testing Environment

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

6.2. Summary of Measurement Results

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

Items	Test Name	Clause in FCC	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	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	2022.04.02	3 years
6.	LISN	ENV216	102067	R&S	2022.07.15	1 year
7.	Chamber	FACT3-2.0	1285	ETS-Lindgren	2023.05.29	2 years
8.	Software	EMC32	V10.50.40	R&S	/	/
9.	Universal Radio Communication Tester	CMU200	114545	R&S	2023.01.12	1 year
10.	Horn Antenna	QSH-SL-18-2 6-S-20	17013	Q-par	2023.01.06	3 years
11.	Horn Antenna	QSH-SL-8-26- 40-K-20	17014	Q-par	2023.01.06	3 years



9. TEST ACCESSORY UTILIZED

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



ANNEX A: MEASUREMENT RESULTS

A.1 Radiated Emission (§15.109(a))

Reference

FCC: Part 15.109(a)

A.1.1 Method of measurement

The field strength of radiated emissions from the unintentional radiator at a distance of 3 meters or 1 meter is tested. Tested in accordance with the procedures of ANSI C63.4 -2014, section 8.3. The EUT was placed on a non-conductive table. Below 18GHz the measurement antenna was placed at a distance of 3 meters from the EUT. Above 18GHz the measurement antenna was placed at a distance of 1 meters from the EUT. (According to Part 15.31(f)(1), 1m limit is calculated by extrapolation factor of 20 dB/decade) During the tests, the antenna height and the EUT azimuth were varied in order to identify the maximum level of emissions from the EUT. This maximization process was repeated with the EUT positioned in each of its three orthogonal orientations.

A.1.2 EUT Operating Mode:

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

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

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 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.



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

A.1.3 Measurement Limit

Limit from Part 15.109(a)

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

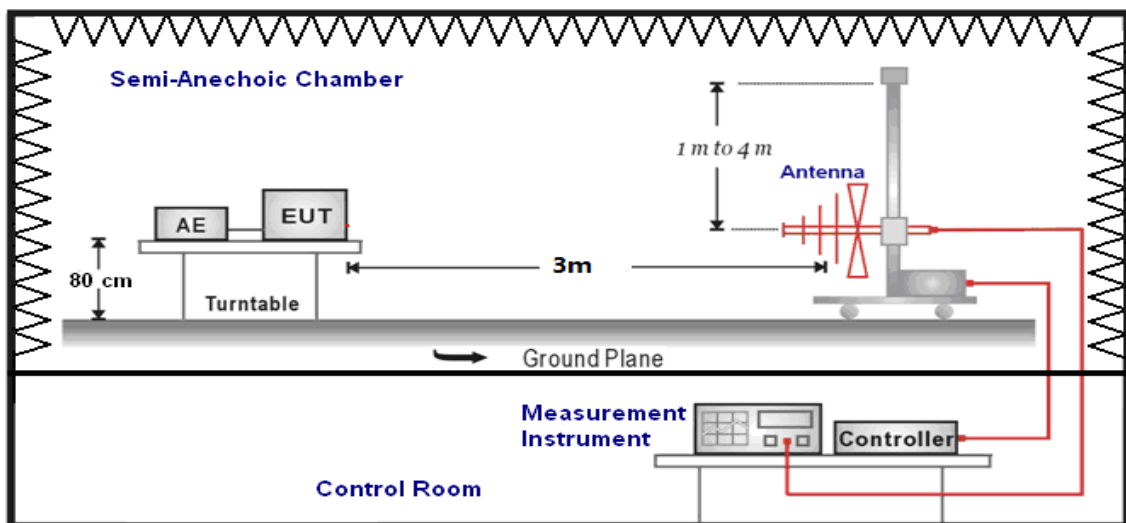
*Note: The original limit is defined at 10m test distance. This limit is calculated according to CISPR requirements.

A.1.4 Test Condition

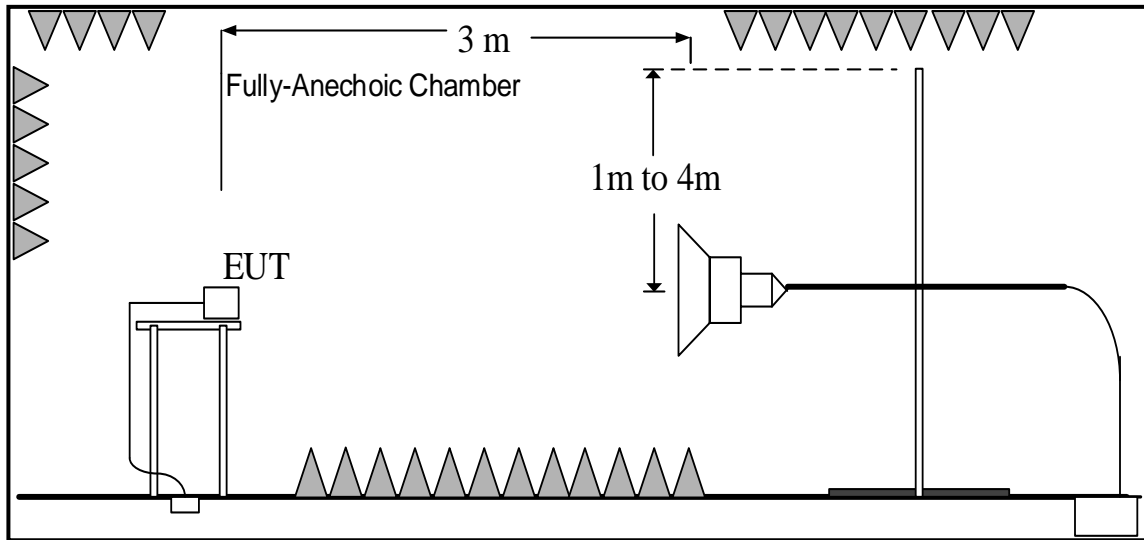
Frequency of emission (MHz)	RBW/VBW	Sweep Time(s)
30-1000	120kHz (IF bandwidth)	5
Above 1000	1MHz/3MHz	15

A.1.5 Test set-up:

30MHz-1GHz



1GHz-18GHz



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
		UT04aa/Set.1	
30-88	40.00	See Figure A.1.1.	P
88-216	43.52		
216-960	46.02		
960-1000	54.00		

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

Video Player

Frequency range (MHz)	Quasi-Peak Limit (dB μ V/m)	Result (dB μ V/m)	Conclusion
		UT04aa/Set.1	
30-88	40.00	See Figure A.1.3.	P
88-216	43.52		
216-960	46.02		
960-1000	54.00		

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

Video Player

Frequency range (MHz)	Quasi-Peak Limit (dB μ V/m)	Result (dB μ V/m)	Conclusion
		UT04aa/Set.3	
30-88	40.00	See Figure A.1.5.	P
88-216	43.52		
216-960	46.02		
960-1000	54.00		

Frequency range (MHz)	Average Limit (dB μ V/m)	Peak Limit (dB μ V/m)	Result (dB μ V/m)	Conclusion
			UT04aa/Set.3	
1000 to 18000	54.00	74.00	See Figure A.1.6.	P

Video Player

Frequency range (MHz)	Quasi-Peak Limit (dB μ V/m)	Result (dB μ V/m)	Conclusion
		UT04aa/Set.3	
30-88	40.00	See Figure A.1.7.	P
88-216	43.52		
216-960	46.02		
960-1000	54.00		

Frequency range (MHz)	Average Limit (dB μ V/m)	Peak Limit (dB μ V/m)	Result (dB μ V/m)	Conclusion
			UT04aa/Set.3	
1000 to 18000	54.00	74.00	See Figure A.1.8.	P

FM receiver

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

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

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.1.11.	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.1.12.	P

WCDMA receiver Band 5

Frequency range (MHz)	Quasi-Peak Limit (dB μ V/m)	Result (dB μ V/m)	Conclusion
		UT05aa/Set.1	
30-88	40.00	See Figure A.1.13.	P
88-216	43.52		
216-960	46.02		
960-1000	54.00		

Frequency range (MHz)	Average Limit (dB μ V/m)	Peak Limit (dB μ V/m)	Result (dB μ V/m)	Conclusion
			UT05aa/Set.1	
1000 to 18000	54.00	74.00	See Figure A.1.14.	P

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.1.15.	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.1.16.	P

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.1.17.	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

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.1.19.	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.1.20.	P

TE receiver Band 26

Frequency range (MHz)	Quasi-Peak Limit (dB μ V/m)	Result (dB μ V/m)	Conclusion
		UT05aa/Set.1	
30-88	40.00	See Figure A.1.21.	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

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.1.23.	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.1.24.	P

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.1.25.	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.3	
1000 to 18000	54.00	74.00	See Figure A.1.26.	P



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.1.27.	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.1.28.	P

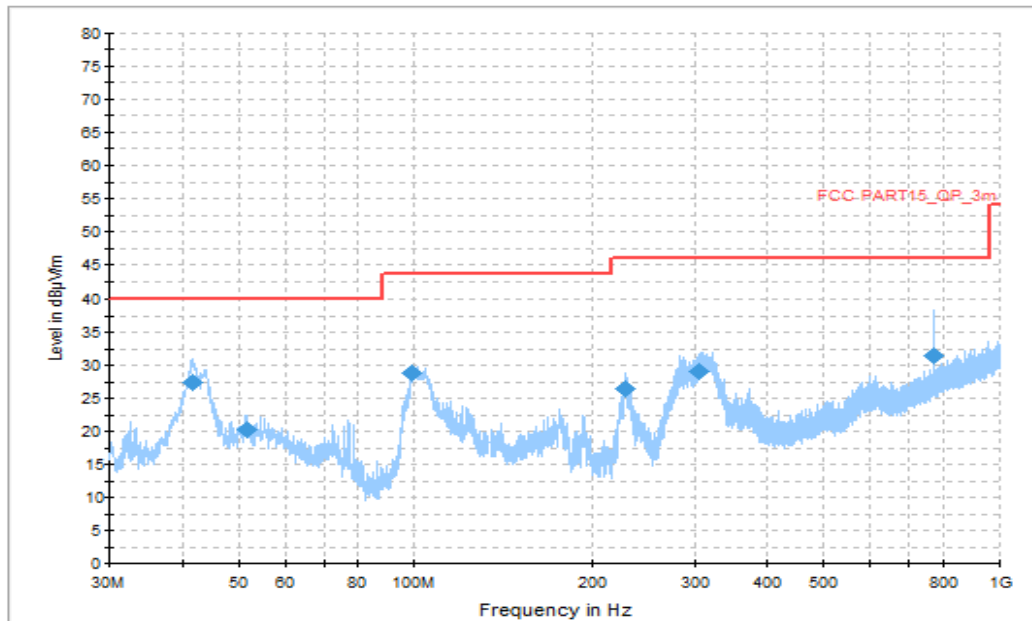


Figure A.1.1. Radiated Emission (Camera , 30MHz to 1GHz)

Final_Results

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	ARpl (dB/m)	PMea (dBµV)
41.834000	27.48	40.00	12.52	V	-21.89	49.37
51.485500	20.20	40.00	19.80	V	-22.33	42.53
99.112500	28.76	43.50	14.74	V	-26.19	54.95
228.268000	26.41	46.00	19.59	H	-24.37	50.78
305.528500	29.07	46.00	16.93	H	-22.41	51.48
768.024500	31.42	46.00	14.58	H	-11.83	43.25

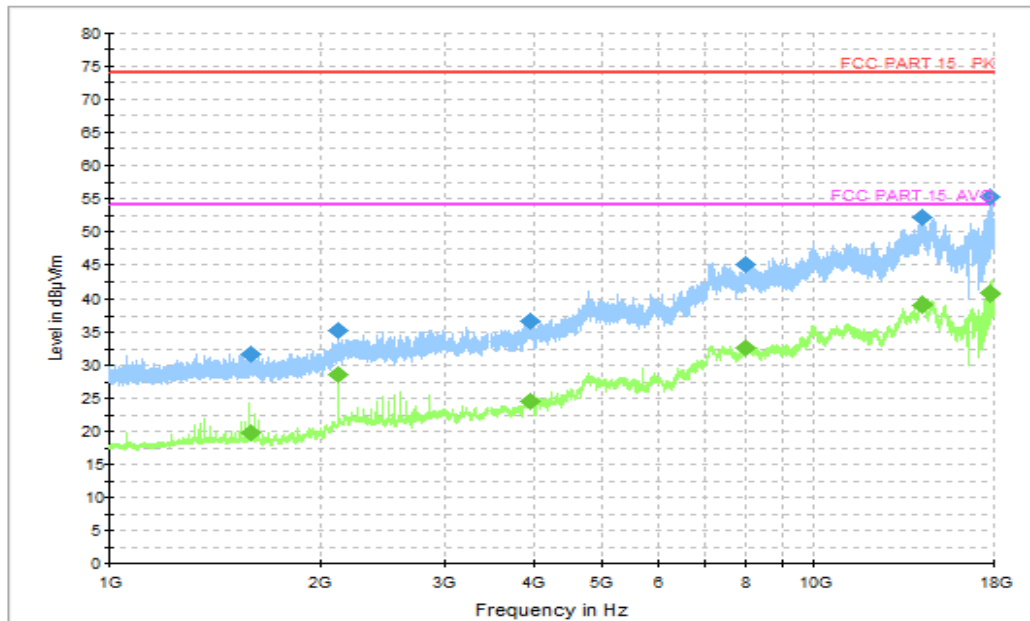


Figure A.1.2. Radiated Emission (Camera , 1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	PMea (dBµV)
1590.200000	31.75	74.00	42.25	H	-19.77	51.52
2120.000000	35.35	74.00	38.65	V	-16.67	52.02
3936.800000	36.76	74.00	37.24	H	-10.85	47.61
8006.400000	45.08	74.00	28.92	H	-0.67	45.75
14199.500000	52.24	74.00	21.76	V	7.23	45.01
17740.800000	55.36	74.00	18.64	V	11.58	43.78

Final_Results_AVG

Frequency(MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	PMea (dBµV)
1590.200000	19.82	54.00	34.18	H	-19.77	39.59
2120.000000	28.56	54.00	25.44	V	-16.67	45.23
3936.800000	24.47	54.00	29.53	H	-10.85	35.32
8006.400000	32.54	54.00	21.46	H	-0.67	33.21
14199.500000	39.10	54.00	14.90	V	7.23	31.87
17740.800000	40.64	54.00	13.36	V	11.58	29.06

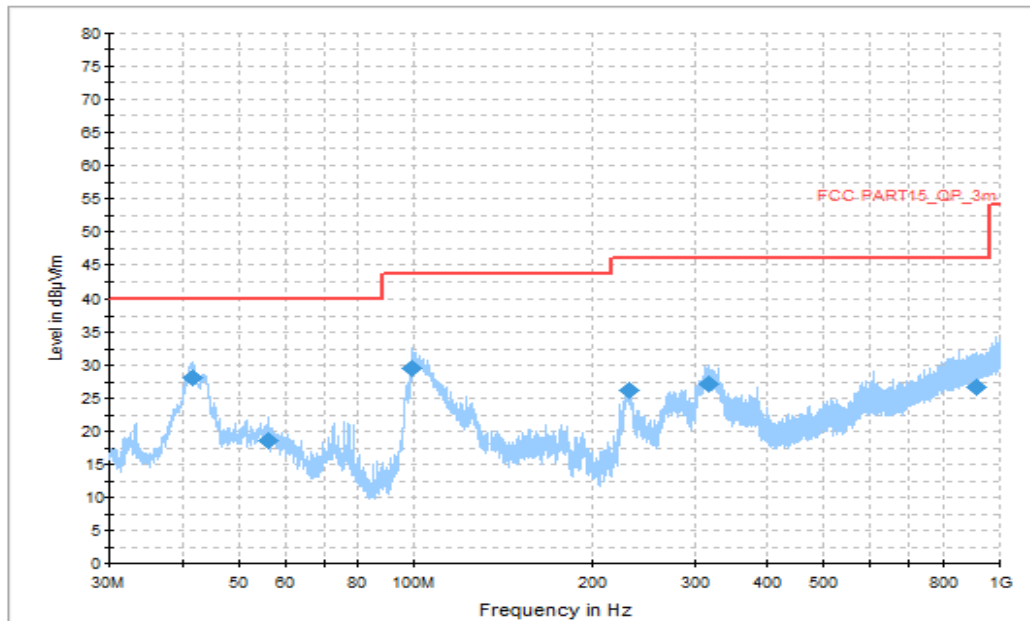


Figure A.1.3. Radiated Emission (Video Player , 30MHz to 1GHz)

Final_Results

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	ARpl (dB/m)	PMea (dBµV)
41.688500	27.98	40.00	12.02	V	-21.89	49.87
55.996000	18.51	40.00	21.49	V	-22.69	41.2
99.306500	29.63	43.50	13.87	V	-26.18	55.81
232.390500	26.26	46.00	19.74	H	-24.08	50.34
317.411000	27.04	46.00	18.96	H	-21.97	49.01
913.524500	26.77	46.00	19.23	V	-9.30	36.07

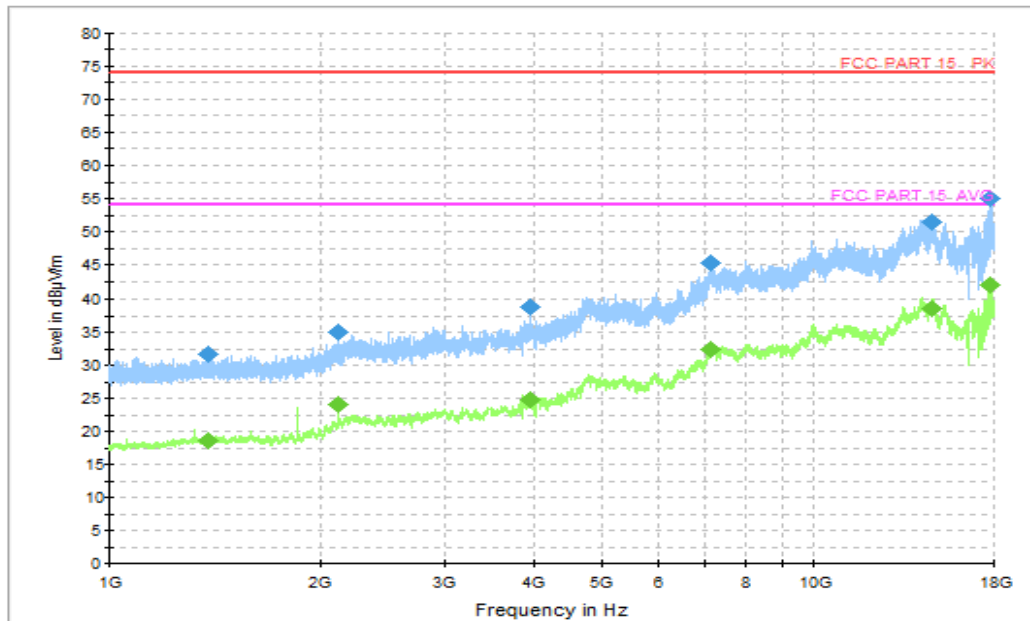


Figure A.1.4. Radiated Emission (Video Player , 1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	PMea (dBµV)
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)	PMea (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

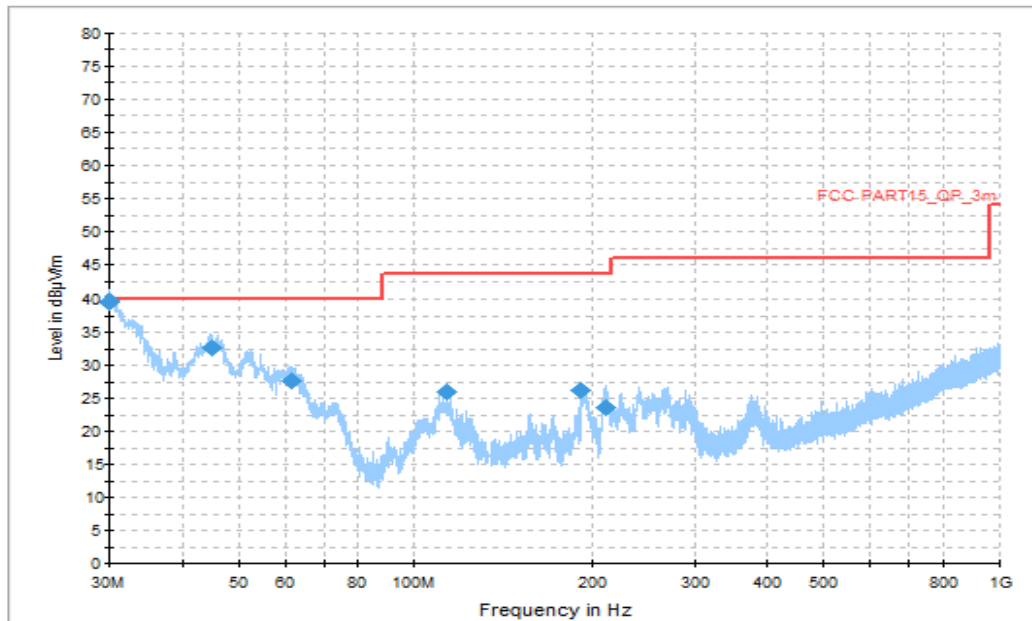


Figure A.1.5. Radiated Emission (Video Player , 30MHz to 1GHz)

Final_Results

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	ARpl (dB/m)	PMea (dBµV)
30.048500	39.63	40.00	0.37	V	-23.76	63.39
44.938000	32.61	40.00	7.39	V	-22.01	54.62
61.476500	27.53	40.00	12.47	H	-23.26	50.79
113.662500	26.06	43.50	17.44	H	-24.77	50.83
191.844500	26.22	43.50	17.27	H	-25.37	51.59
212.020500	23.50	43.50	20.00	V	-25.26	48.76

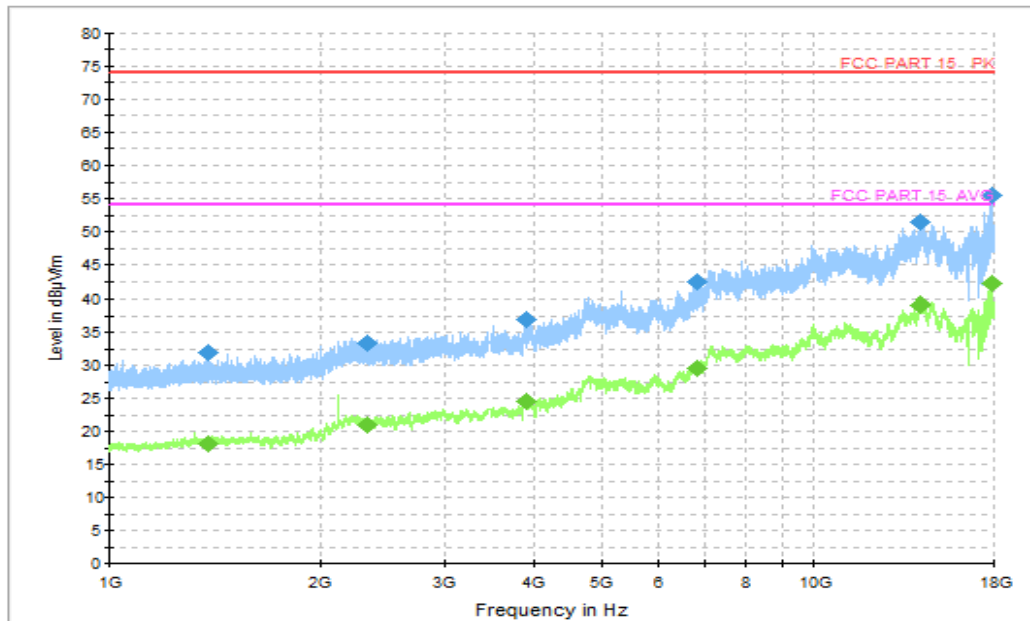


Figure A.1.6. Radiated Emission (Video Player , 1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBµV)
1379.600000	31.96	74.00	42.04	H	-19.84	51.80
2334.600000	33.30	74.00	40.70	H	-16.13	49.43
3885.600000	36.93	74.00	37.07	H	-11.60	48.53
6803.200000	42.44	74.00	31.56	H	-3.26	45.70
14174.000000	51.48	74.00	22.52	V	7.04	44.44
17872.400000	55.59	74.00	18.41	H	12.25	43.34

Final_Results_AVG

Frequency(MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBµV)
1379.600000	18.14	54.00	35.86	H	-19.84	37.98
2334.600000	21.00	54.00	33.00	H	-16.13	37.13
3885.600000	24.49	54.00	29.51	H	-11.60	36.09
6803.200000	29.41	54.00	24.59	H	-3.26	32.67
14174.000000	39.07	54.00	14.93	V	7.04	32.03
17872.400000	42.19	54.00	11.81	H	12.25	29.94

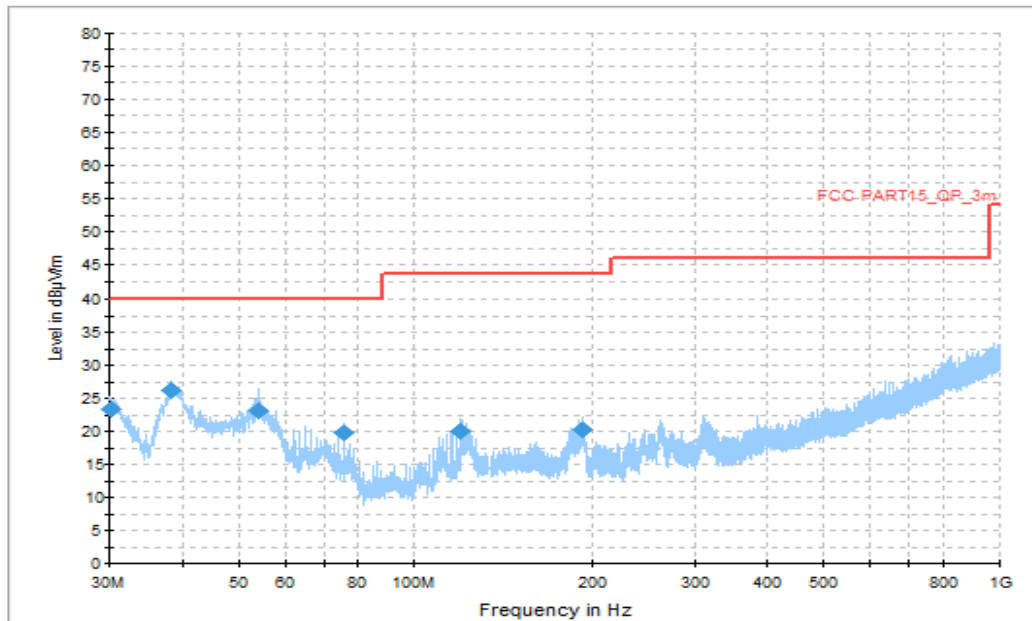


Figure A.1.7. Radiated Emission (Video Player , 30MHz to 1GHz)

Final_Results

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	ARpl (dB/m)	PMea (dBµV)
30.291000	23.32	40.00	16.68	H	-23.73	47.05
38.390500	26.14	40.00	13.86	V	-22.23	48.37
54.056000	23.02	40.00	16.98	V	-22.53	45.55
75.735500	19.78	40.00	20.22	V	-25.88	45.66
119.676500	19.94	43.50	23.56	H	-24.17	44.11
192.426500	20.26	43.50	23.24	H	-25.39	45.65

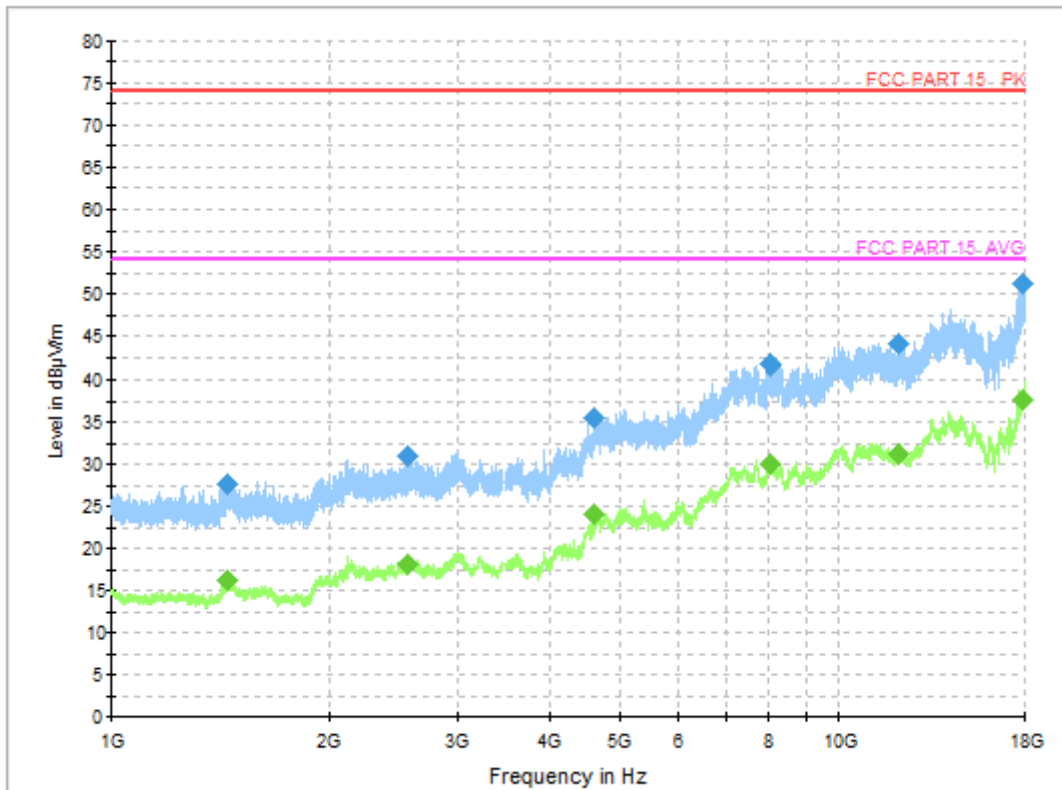


Figure A.1.8. Radiated Emission (Video Player , 1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBµV)
1442.600000	27.64	74.00	46.36	V	-19.87	47.51
2564.000000	30.99	74.00	43.01	V	-15.62	46.61
4603.200000	35.53	74.00	38.47	V	-9.01	44.54
8013.600000	41.61	74.00	32.39	H	-0.68	42.29
12093.500000	44.03	74.00	29.97	H	2.24	41.79
17898.400000	51.14	74.00	22.86	H	12.39	38.75

Final_Results_AVG

Frequency(MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBµV)
1442.600000	16.29	54.00	37.71	V	-19.87	36.16
2564.000000	17.99	54.00	36.01	V	-15.62	33.61
4603.200000	24.16	54.00	29.84	V	-9.01	33.17
8013.600000	29.92	54.00	24.08	H	-0.68	30.60
12093.500000	31.24	54.00	22.76	H	2.24	29
17898.400000	37.72	54.00	16.28	H	12.39	25.33

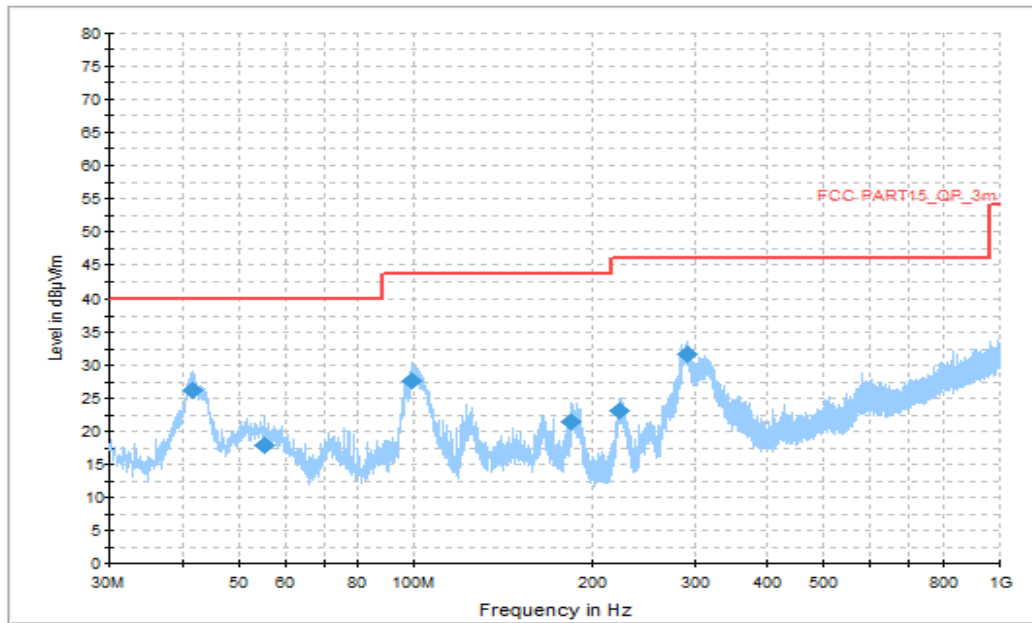


Figure A.1.9. Radiated Emission (GSM receiver 850MHz, 30MHz to 1GHz)

Final_Results

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	ARpl (dB/m)	P _{Mea} (dBµV)
41.688500	26.14	40.00	13.86	H	-21.89	48.03
55.414000	17.74	40.00	22.26	V	-22.64	40.38
99.064000	27.60	43.50	15.90	V	-26.19	53.79
184.424000	21.35	43.50	22.15	H	-25.10	46.45
222.205500	23.17	46.00	22.83	H	-24.81	47.98
291.560500	31.57	46.00	14.43	H	-22.34	53.91

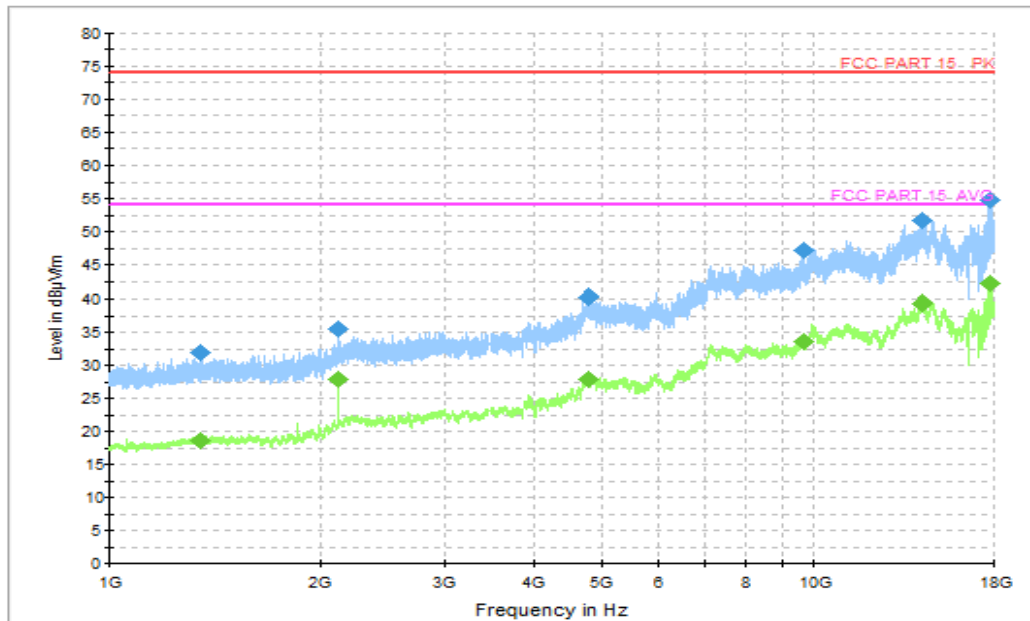


Figure A.1.10. Radiated Emission (GSM receiver 850MHz , 1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBµV)
1349.000000	31.90	74.00	42.10	V	-19.97	51.30
2120.000000	35.49	74.00	38.51	H	-16.67	50.00
4782.400000	40.26	74.00	33.74	H	-6.82	48.20
9647.200000	47.18	74.00	26.82	V	-0.08	46.90
14206.500000	51.64	74.00	22.36	H	7.25	46.40
17781.600000	54.65	74.00	19.35	H	11.79	43.70

Final_Results_AVG

Frequency(MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBµV)
1349.000000	18.56	54.00	35.34	V	-19.97	38.30
2120.000000	27.76	54.00	26.24	H	-16.67	37.60
4782.400000	27.80	54.00	26.20	H	-6.82	34.90
9647.200000	33.63	54.00	20.57	V	-0.08	33.10
14206.500000	39.38	54.00	14.62	H	7.25	32.60
17781.600000	42.06	54.00	11.94	H	11.79	30.90

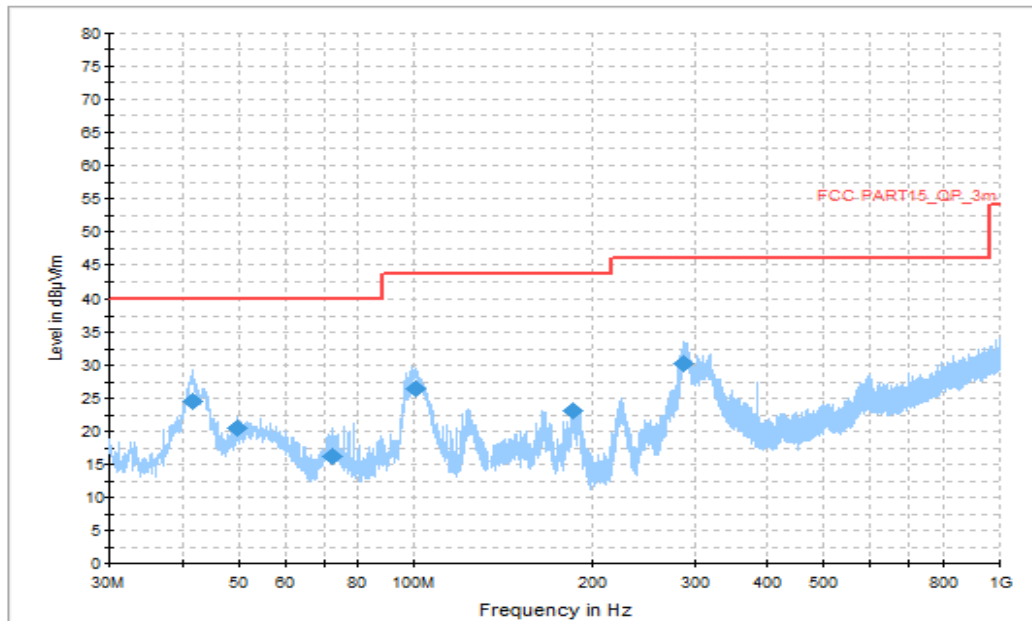


Figure A.1.11. Radiated Emission (WCDMA receiver Band 5, 30MHz to 1GHz)

Final_Results

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	ARpl (dB/m)	P _{Mea} (dBµV)
41.640000	24.54	40.00	15.46	V	-21.89	46.43
49.885000	20.53	40.00	19.47	V	-22.20	42.73
72.243500	16.22	40.00	23.78	V	-25.16	41.38
100.325000	26.45	43.50	17.05	V	-26.10	52.55
184.860500	23.00	43.50	20.50	H	-25.11	48.11
287.874500	30.18	46.00	15.82	H	-22.24	52.42

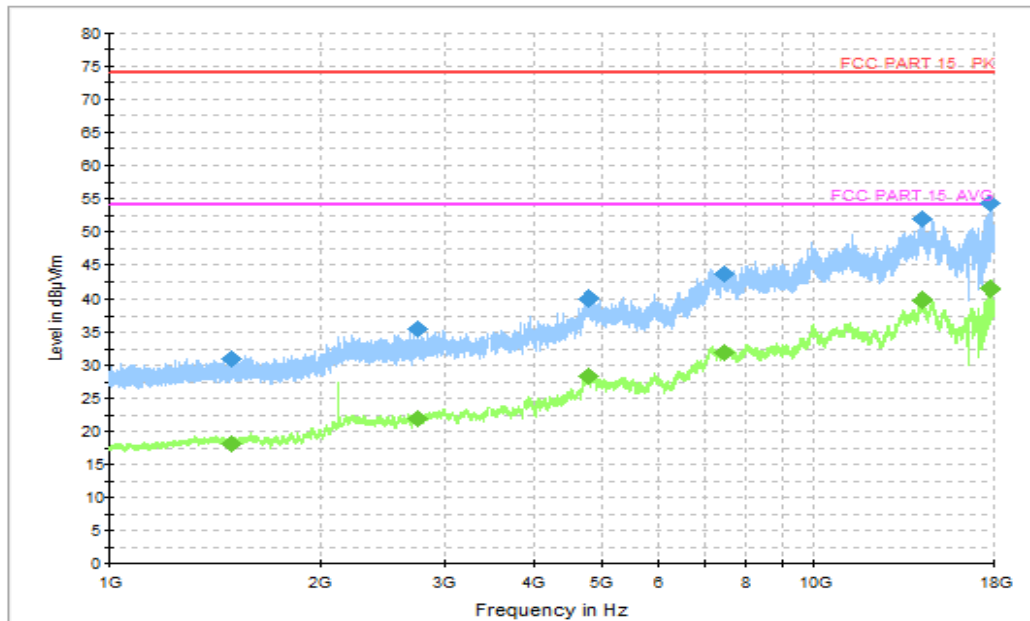


Figure A.1.12. Radiated Emission (WCDMA receiver Band 5, 1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBµV)
1496.600000	31.00	74.00	43.00	V	-19.97	50.97
2747.800000	35.59	74.00	38.41	H	-15.22	50.81
4763.200000	40.12	74.00	33.88	H	-6.92	47.04
7452.000000	43.65	74.00	30.35	V	-0.80	44.45
14214.000000	51.97	74.00	22.03	H	7.21	44.76
17761.200000	54.25	74.00	19.75	H	11.68	42.57

Final_Results_AVG

Frequency(MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBµV)
1496.600000	18.06	54.00	35.94	V	-19.97	38.03
2747.800000	21.99	54.00	32.01	H	-15.22	37.21
4763.200000	28.26	54.00	25.74	H	-6.92	35.18
7452.000000	31.90	54.00	22.10	V	-0.80	32.70
14214.000000	39.77	54.00	14.23	H	7.21	32.56
17761.200000	41.35	54.00	12.65	H	11.68	29.67

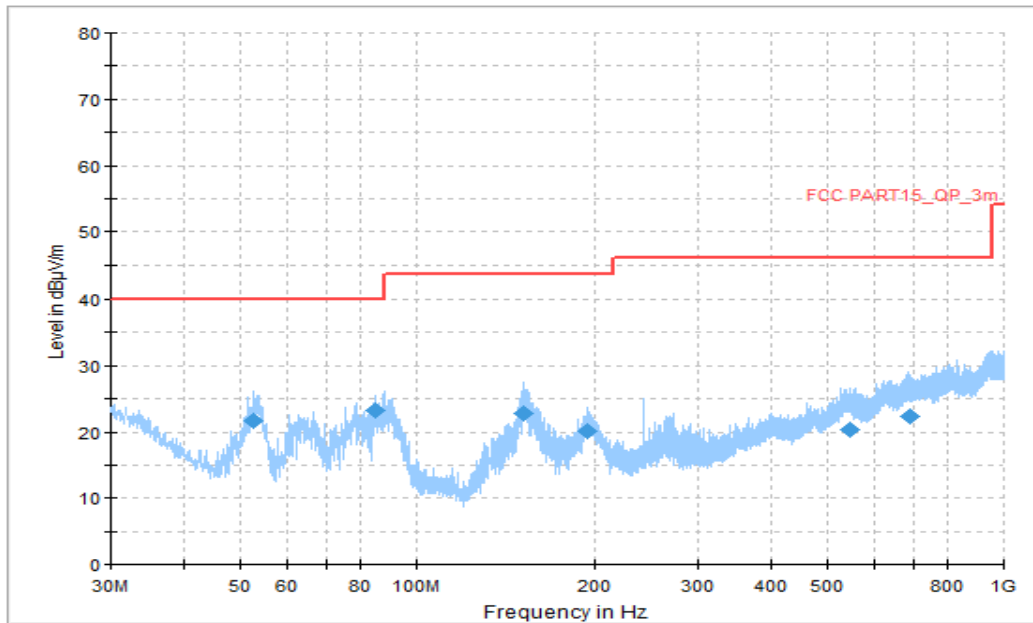


Figure A.1.13. Radiated Emission (LTE receiver Band 5, 30MHz to 1GHz)

Final_Results

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	ARpl (dB/m)	P _{Mea} (dBµV)
52.579444	21.60	40.00	18.40	V	-22	43.60
84.751111	23.29	40.00	16.71	V	-22	45.29
150.818889	22.77	43.52	20.75	V	-18	40.77
194.307222	20.22	43.52	23.30	V	-18	38.22
544.477222	20.30	46.02	25.72	V	-4	24.3
689.707778	22.29	46.02	23.73	V	-2	24.29

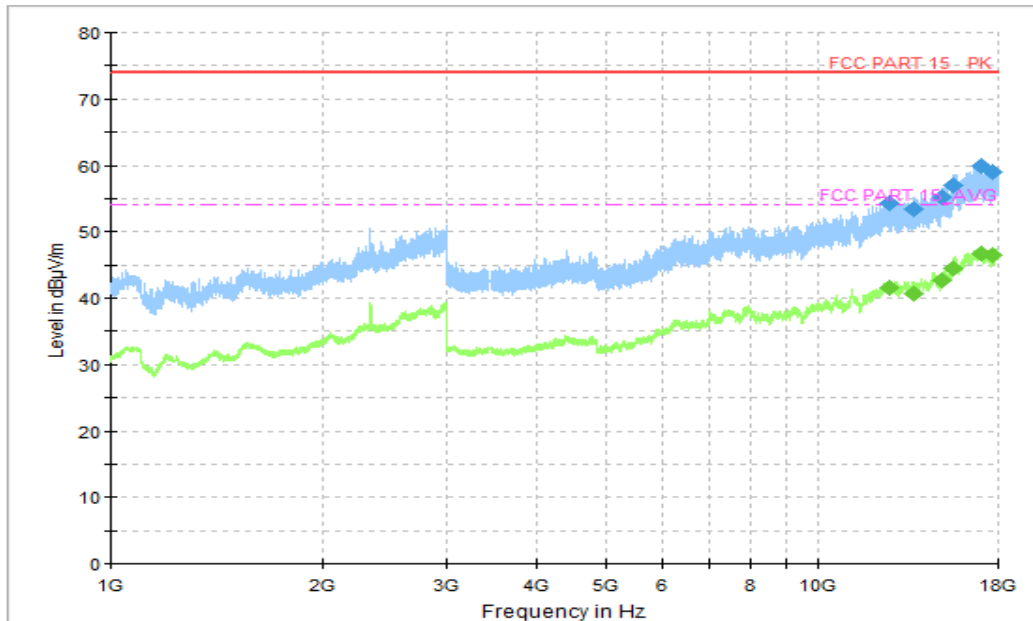


Figure A.1.14. Radiated Emission (LTE receiver Band 5, 1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBµV)
12642.250000	54.06	74	19.94	H	17	37.06
13652.500000	53.07	74	20.93	V	17	36.07
14970.500000	54.9	74	19.1	V	18	36.90
15583.500000	56.7	74	17.3	H	20	36.70
17002.750000	59.63	74	14.37	V	23	36.63
17667.750000	58.79	74	15.21	V	23	35.79

Final_Results_AVG

Frequency(MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBµV)
12642.250000	41.28	54	12.72	H	17	24.28
13652.500000	40.43	54	13.57	V	17	23.43
14970.500000	42.51	54	11.49	V	18	24.51
15583.500000	44.23	54	9.77	V	20	24.23
17002.750000	46.5	54	7.5	H	23	23.5
17667.750000	46.13	54	7.87	V	23	23.13

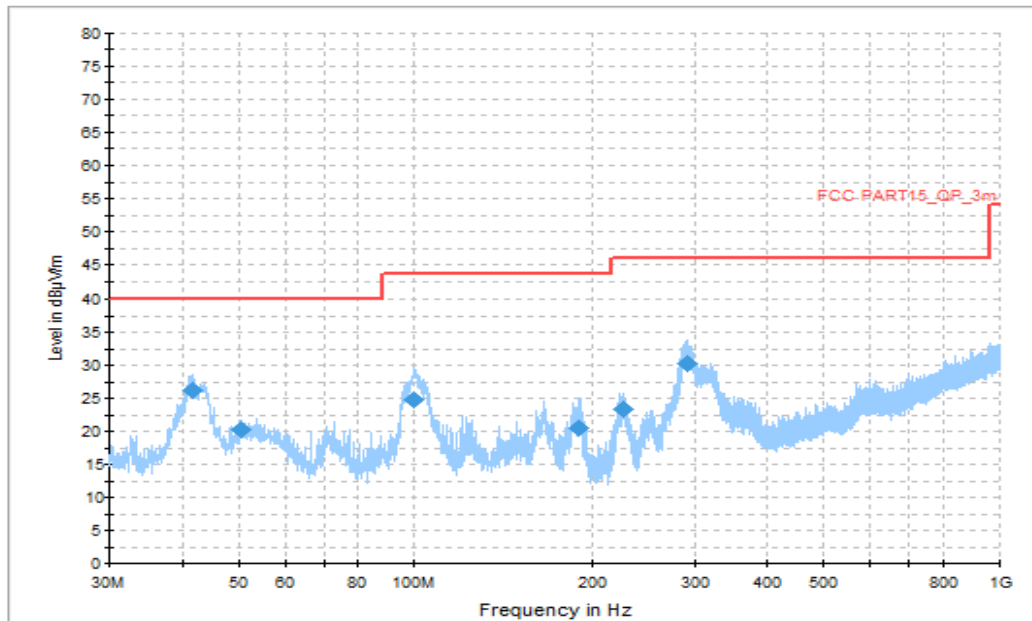


Figure A.1.15. Radiated Emission (LTE receiver Band 12, 30MHz to 1GHz)

Final_Results

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	ARpl (dB/m)	P _{Mea} (dBµV)
41.640000	26.23	40.00	13.77	V	-21.89	48.12
50.661000	20.14	40.00	19.86	V	-22.26	42.4
99.743000	24.85	43.50	18.65	V	-26.15	51.00
189.953000	20.56	43.50	22.94	H	-25.31	45.87
226.182500	23.39	46.00	22.61	H	-24.52	47.91
290.736000	30.35	46.00	15.65	H	-22.31	52.66

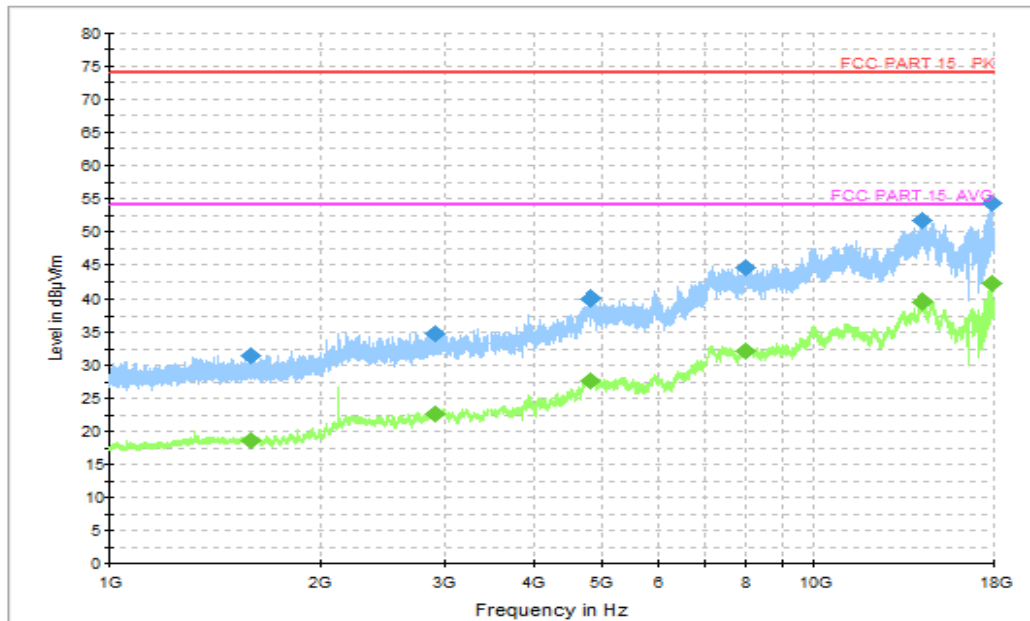


Figure A.1.16. Radiated Emission (LTE receiver Band 12, 1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBµV)
1592.200000	31.37	74.00	42.63	V	-19.77	51.14
2911.200000	34.78	74.00	39.22	V	-14.63	49.41
4816.800000	40.05	74.00	33.95	V	-7.03	47.08
7972.800000	44.54	74.00	29.46	H	-0.83	45.37
14227.000000	51.78	74.00	22.22	H	7.14	44.64
17871.600000	54.38	74.00	19.62	V	12.25	42.13

Final_Results_AVG

Frequency(MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBµV)
1592.200000	18.60	54.00	35.40	V	-19.77	38.37
2911.200000	22.53	54.00	31.47	V	-14.63	37.16
4816.800000	27.54	54.00	26.46	V	-7.03	34.57
7972.800000	32.12	54.00	21.88	H	-0.83	32.95
14227.000000	39.42	54.00	14.58	H	7.14	32.28
17871.600000	42.23	54.00	11.77	V	12.25	29.98

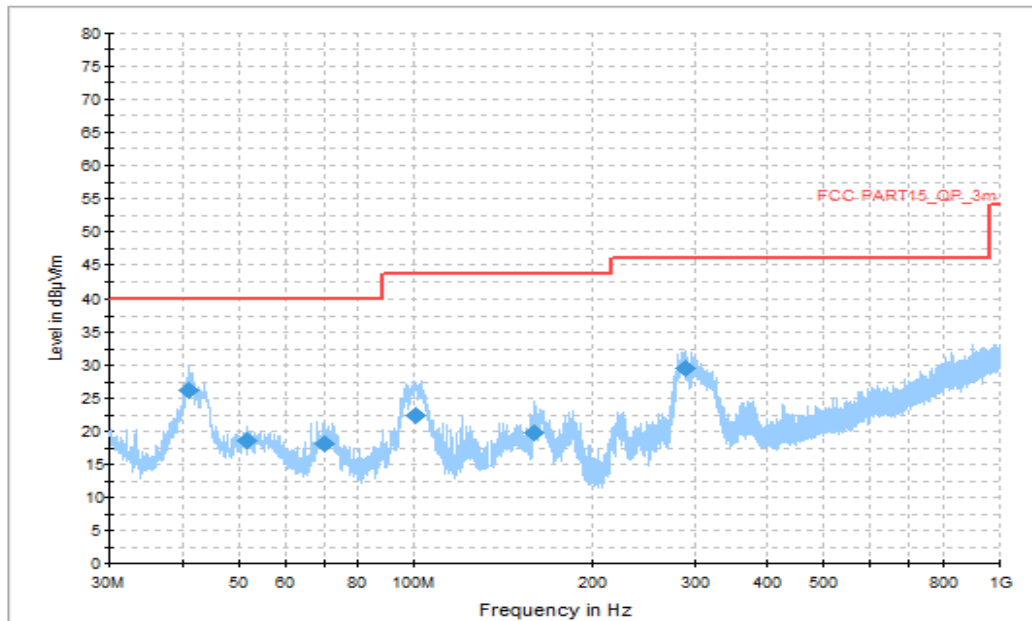


Figure A.1.17. Radiated Emission (LTE receiver Band 13, 30MHz to 1GHz)

Final_Results

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	ARpl (dB/m)	P _{Mea} (dBµV)
41.203500	26.22	40.00	13.78	V	-21.87	48.09
51.485500	18.57	40.00	21.43	V	-22.33	40.9
70.158000	18.03	40.00	21.97	V	-24.73	42.76
100.422000	22.28	43.50	21.22	V	-26.09	48.37
159.543500	19.83	43.50	23.67	H	-22.76	42.59
288.553500	29.42	46.00	16.58	H	-22.26	51.68

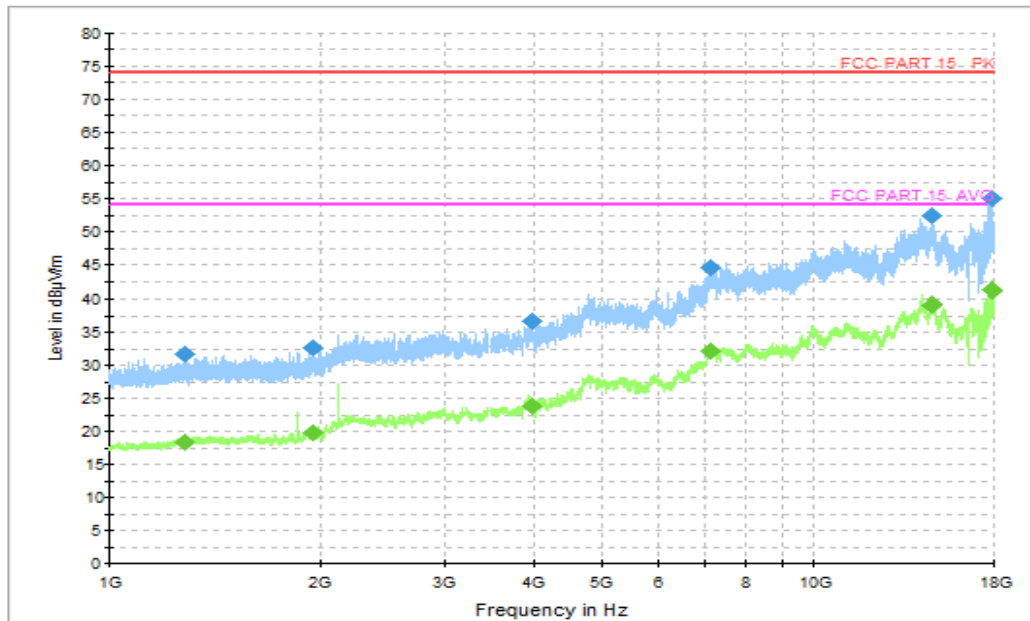


Figure A.1.18. Radiated Emission (LTE receiver Band 13, 1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBµV)
1282.600000	31.61	74.00	42.39	H	-20.17	51.78
1946.600000	32.62	74.00	41.38	V	-18.32	50.94
3960.800000	36.60	74.00	37.40	H	-11.20	47.80
7111.200000	44.61	74.00	29.39	H	-0.79	45.40
14703.500000	52.27	74.00	21.73	H	6.47	45.8
17880.800000	54.94	74.00	19.06	H	12.30	42.64

Final_Results_AVG

Frequency(MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBµV)
1282.600000	18.33	54.00	35.67	H	-20.17	38.50
1946.600000	19.69	54.00	34.31	V	-18.32	38.01
3960.800000	23.83	54.00	30.17	H	-11.20	35.03
7111.200000	32.18	54.00	21.82	H	-0.79	32.97
14703.500000	38.99	54.00	15.01	H	6.47	32.52
17880.800000	41.28	54.00	12.72	H	12.30	28.98

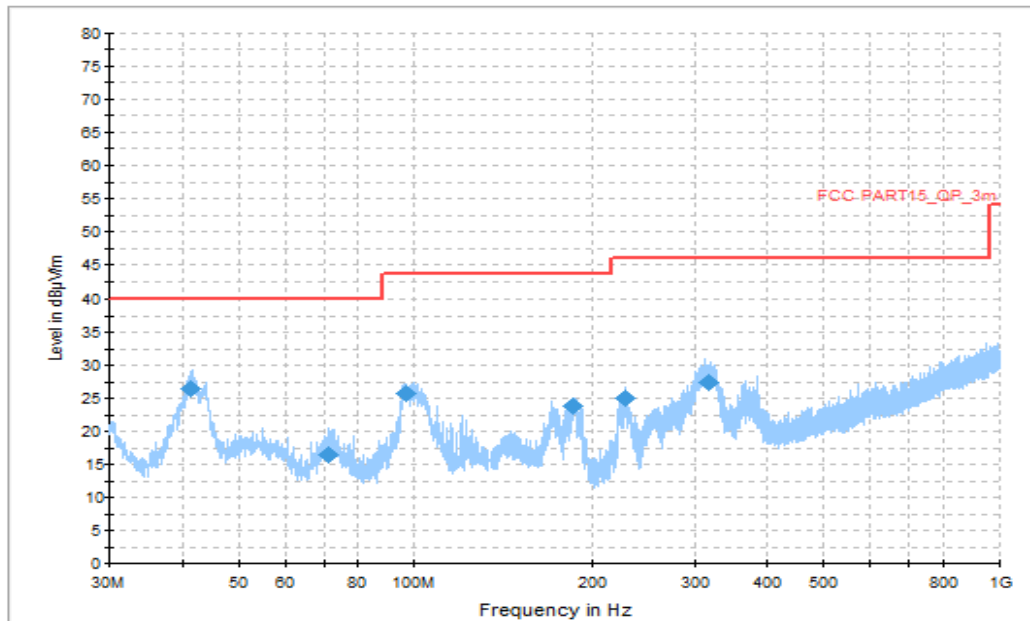


Figure A.1.19. Radiated Emission (LTE receiver Band 26, 30MHz to 1GHz)

Final_Results

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	ARpl (dB/m)	P _{Mea} (dBµV)
41.446000	26.35	40.00	13.65	V	-21.88	48.23
71.176500	16.55	40.00	23.45	V	-24.94	41.49
96.639000	25.65	43.50	17.85	H	-26.36	52.01
186.073000	23.84	43.50	19.66	H	-25.16	49.00
227.783000	24.94	46.00	21.06	H	-24.40	49.34
316.295500	27.32	46.00	18.68	H	-22.01	49.33

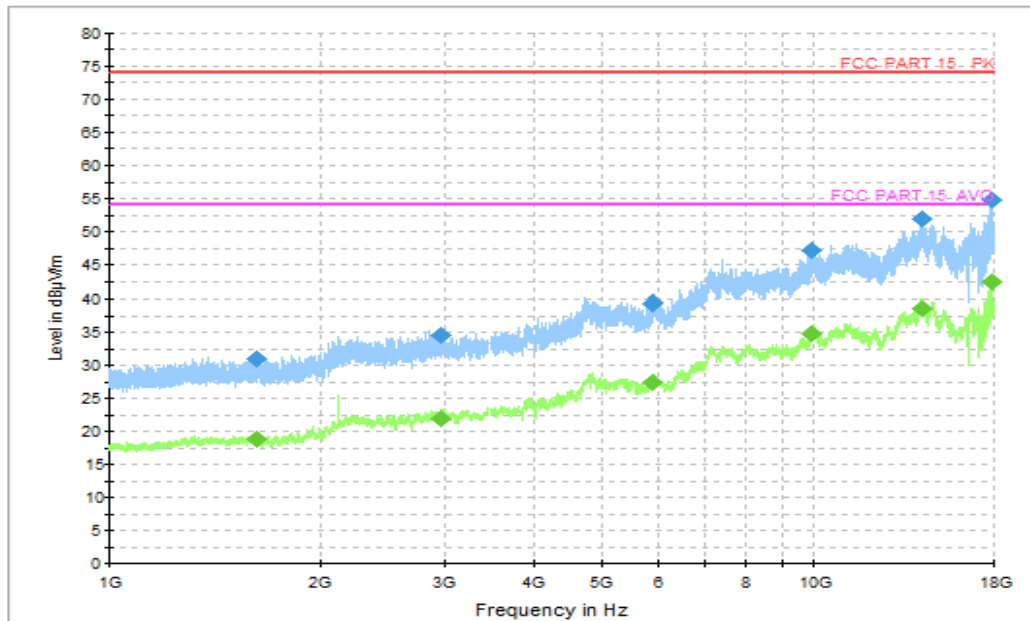


Figure A.1.20. Radiated Emission (LTE receiver Band 26, 1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBµV)
1622.200000	30.89	74.00	43.11	H	-19.77	50.66
2960.200000	34.53	74.00	39.47	H	-14.38	48.91
5902.400000	39.20	74.00	34.80	V	-5.83	45.03
9921.600000	47.11	74.00	26.89	H	2.00	45.11
14187.500000	51.80	74.00	22.20	H	7.14	44.66
17875.200000	54.74	74.00	19.26	V	12.27	42.47

Final_Results_AVG

Frequency(MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBµV)
1622.200000	18.89	54.00	35.11	H	-19.77	38.66
2960.200000	21.98	54.00	32.02	H	-14.38	36.36
5902.400000	27.37	54.00	26.63	V	-5.83	33.20
9921.600000	34.87	54.00	19.13	H	2.00	32.87
14187.500000	38.61	54.00	15.39	H	7.14	31.47
17875.200000	42.26	54.00	11.74	V	12.27	29.99

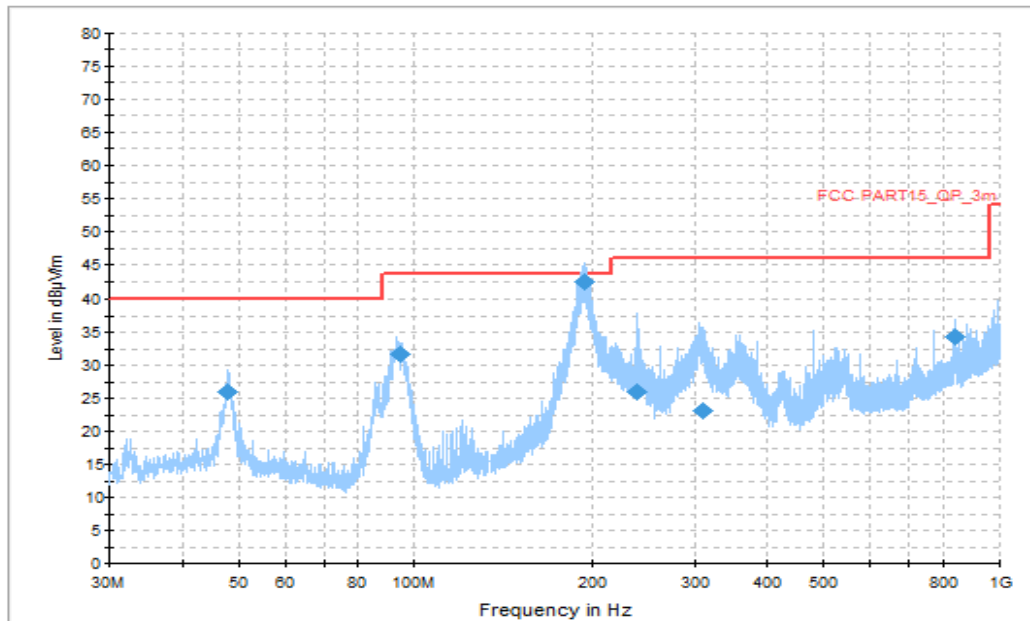


Figure A.1.21. Radiated Emission (Data Transfer:, 30MHz to 1GHz)

Final_Results

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	ARpl (dB/m)	P _{Mea} (dBµV)
47.896500	26.02	40.00	13.98	V	-22.13	48.15
94.505000	31.78	43.50	11.72	H	-26.51	58.29
194.609000	42.41	43.50	1.09	H	-25.47	67.88
239.714000	26.05	46.00	19.95	H	-23.60	49.65
309.020500	23.19	46.00	22.81	H	-22.29	45.48
839.028500	34.35	46.00	11.65	H	-10.48	44.83

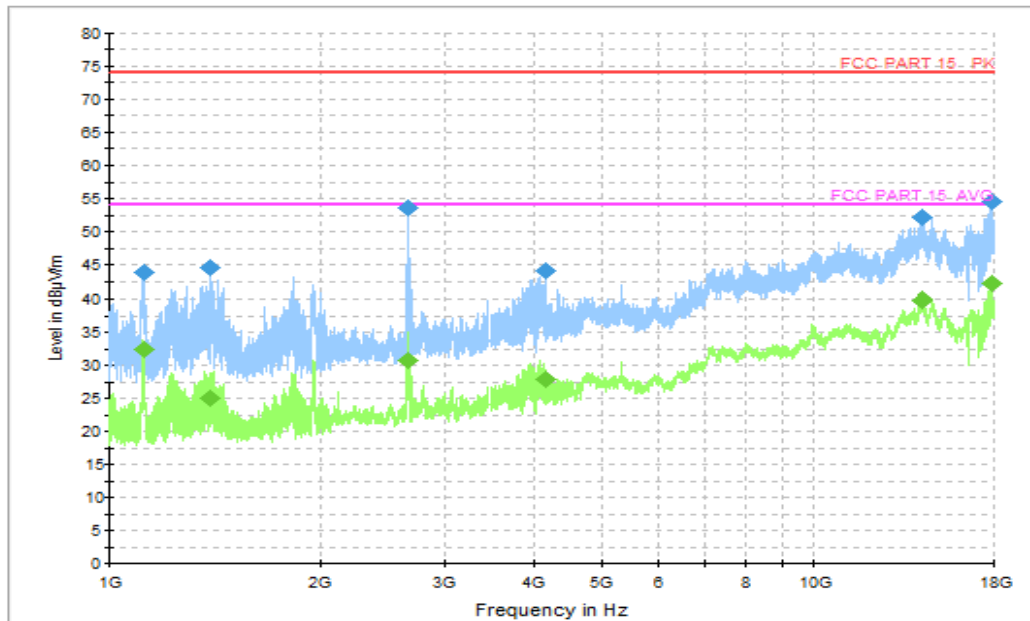


Figure A.1.22. Radiated Emission (Data Transfer, 1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBµV)
1117.800000	43.74	74.00	30.26	V	-20.90	64.64
1395.000000	44.60	74.00	29.40	V	-19.83	64.43
2662.800000	53.53	74.00	20.47	V	-15.42	68.95
4140.800000	43.99	74.00	30.01	V	-10.96	54.95
14223.000000	52.23	74.00	21.77	H	7.16	45.07
17873.600000	54.63	74.00	19.37	H	12.26	42.37

Final_Results_AVG

Frequency(MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBµV)
1117.800000	32.31	54.00	21.69	V	-20.90	53.21
1395.000000	24.99	54.00	29.01	V	-19.83	44.82
2662.800000	30.83	54.00	23.17	V	-15.42	46.25
4140.800000	27.93	54.00	26.07	V	-10.96	38.89
14223.000000	39.69	54.00	14.31	H	7.16	32.53
17873.600000	42.03	54.00	11.97	H	12.26	29.77

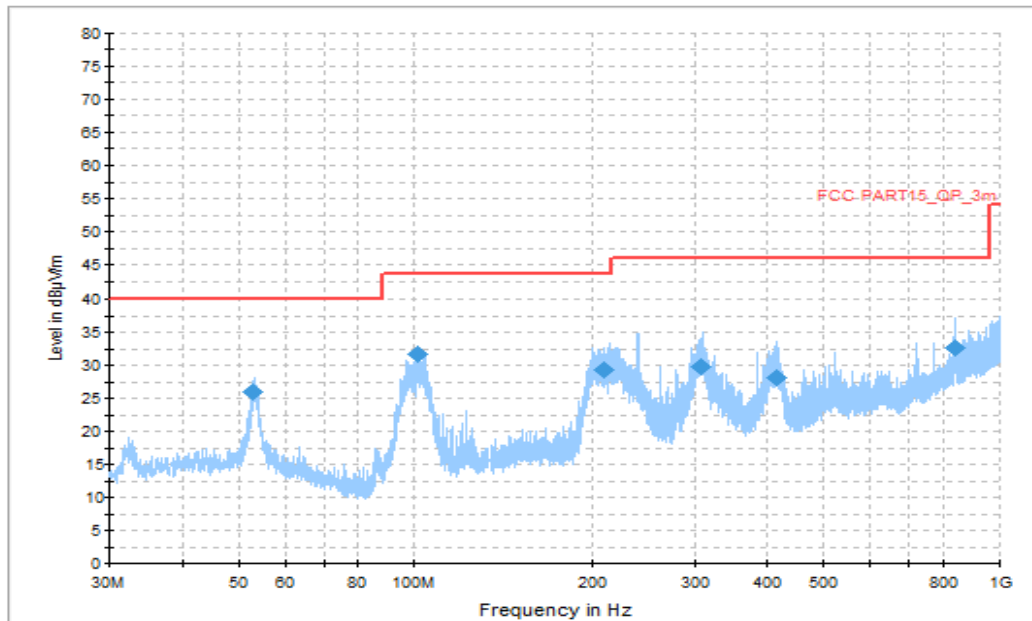


Figure A.1.23. Radiated Emission (Data Transfer:, 30MHz to 1GHz)

Final_Results

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	ARpl (dB/m)	P _{Mea} (dBµV)
52.989000	25.91	40.00	14.09	H	-22.45	48.36
101.149500	31.74	43.50	11.76	H	-26.01	57.75
209.450000	29.20	43.50	14.30	H	-25.35	54.55
307.323000	29.67	46.00	16.33	H	-22.34	52.01
413.198500	28.02	46.00	17.98	H	-18.80	46.82
839.077000	32.63	46.00	13.37	H	-10.48	43.11

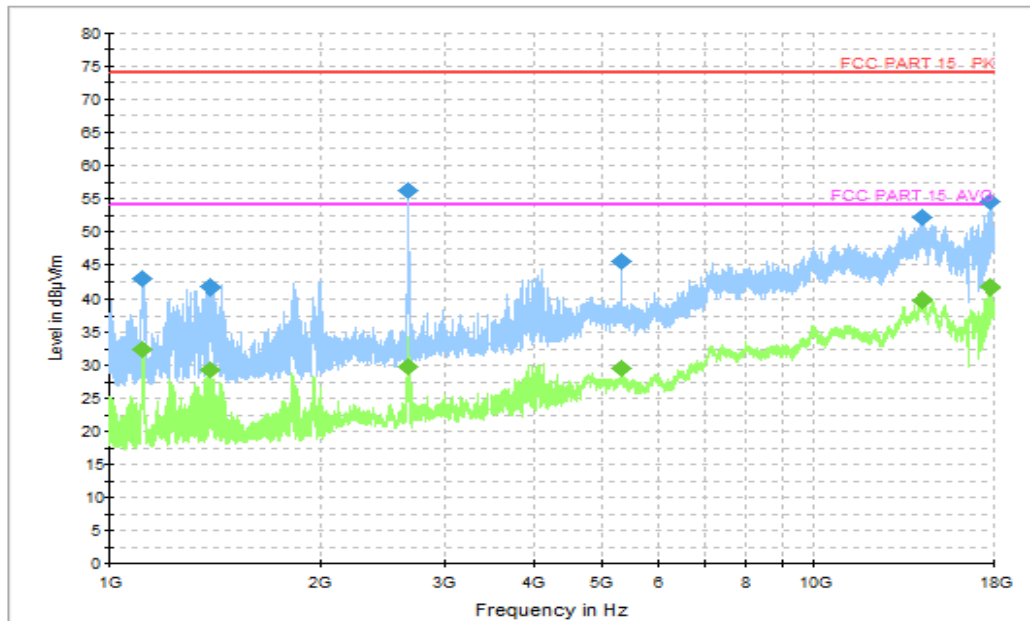


Figure A.1.24. Radiated Emission (Data Transfer, 1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBµV)
1116.200000	42.77	74.00	31.23	V	-20.88	63.65
1394.400000	41.57	74.00	32.43	V	-19.83	61.4
2656.200000	56.23	74.00	17.77	V	-15.42	71.65
5328.000000	45.45	74.00	28.55	V	-6.70	52.15
14215.000000	52.05	74.00	21.95	V	7.20	44.85
17777.200000	54.41	74.00	19.59	V	11.77	42.64

Final_Results_AVG

Frequency(MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBµV)
1116.200000	32.44	54.00	21.56	V	-20.88	53.32
1394.400000	29.34	54.00	24.66	V	-19.83	49.17
2656.200000	29.83	54.00	24.17	V	-15.42	45.25
5328.000000	29.52	54.00	24.48	V	-6.70	36.22
14215.000000	39.78	54.00	14.22	V	7.20	32.58
17777.200000	41.75	54.00	12.25	V	11.77	29.98

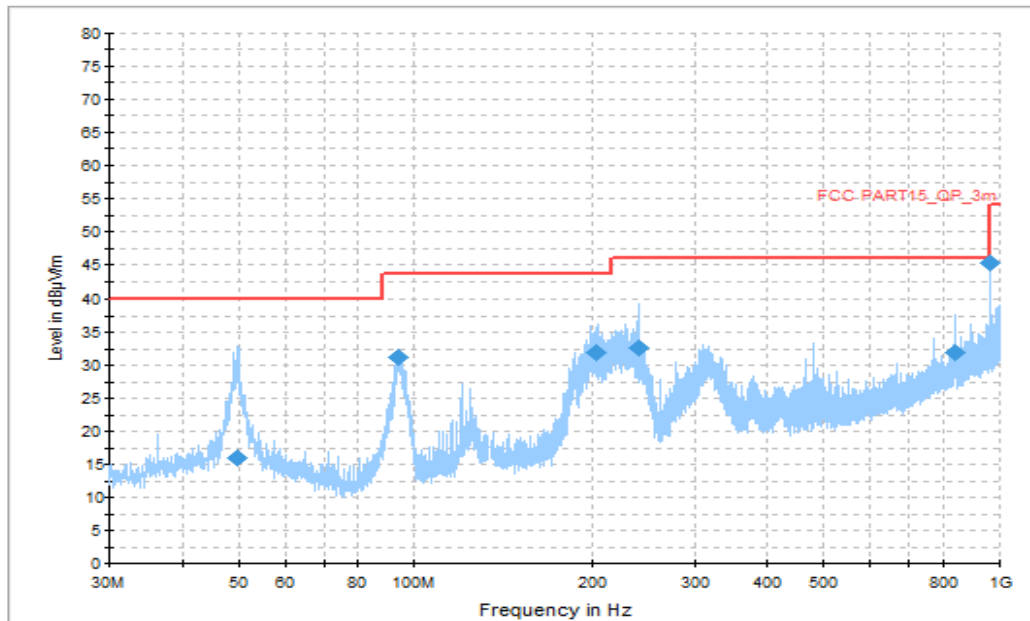


Figure A.1.25. Radiated Emission (Data Transfer:, 30MHz to 1GHz)

Final_Results

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	ARpl (dB/m)	P _{Mea} (dBµV)
49.594000	15.86	40.00	24.14	V	-22.19	38.05
94.214000	31.20	43.50	12.30	H	-26.53	57.73
203.048000	32.01	43.50	11.49	H	-25.56	57.57
240.199000	32.53	46.00	13.47	H	-23.58	56.11
835.585000	32.00	46.00	14.00	H	-10.54	42.54
959.987500	45.16	46.00	0.84	H	-8.48	53.64

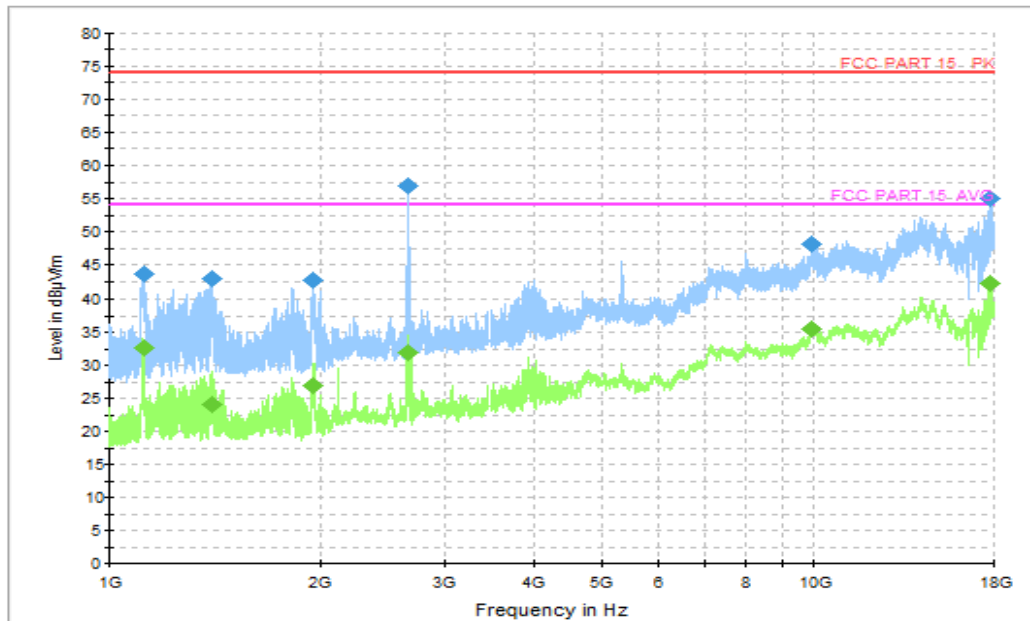


Figure A.1.26. Radiated Emission (Data Transfer, 1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBµV)
1118.800000	43.53	74.00	30.47	V	-20.91	64.44
1399.400000	42.93	74.00	31.07	V	-19.83	62.76
1946.600000	42.59	74.00	31.41	V	-18.32	60.91
2662.000000	56.98	74.00	17.02	V	-15.42	72.40
9934.400000	48.09	74.00	25.91	V	2.11	45.98
17780.400000	55.10	74.00	18.90	H	11.78	43.32

Final_Results_AVG

Frequency(MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBµV)
1118.800000	32.51	54.00	21.49	V	-20.91	53.42
1399.400000	24.10	54.00	29.90	V	-19.83	43.93
1946.600000	26.90	54.00	27.10	V	-18.32	45.22
2662.000000	31.99	54.00	22.01	V	-15.42	47.41
9934.400000	35.48	54.00	18.52	V	2.11	33.37
17780.400000	42.09	54.00	11.91	H	11.78	30.31



A.2 Conducted Emission (§15.107(a))

Reference

FCC: Part 15.107(a)

A.2.1 Method of measurement

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

A.2.2 EUT Operating Mode:

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

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

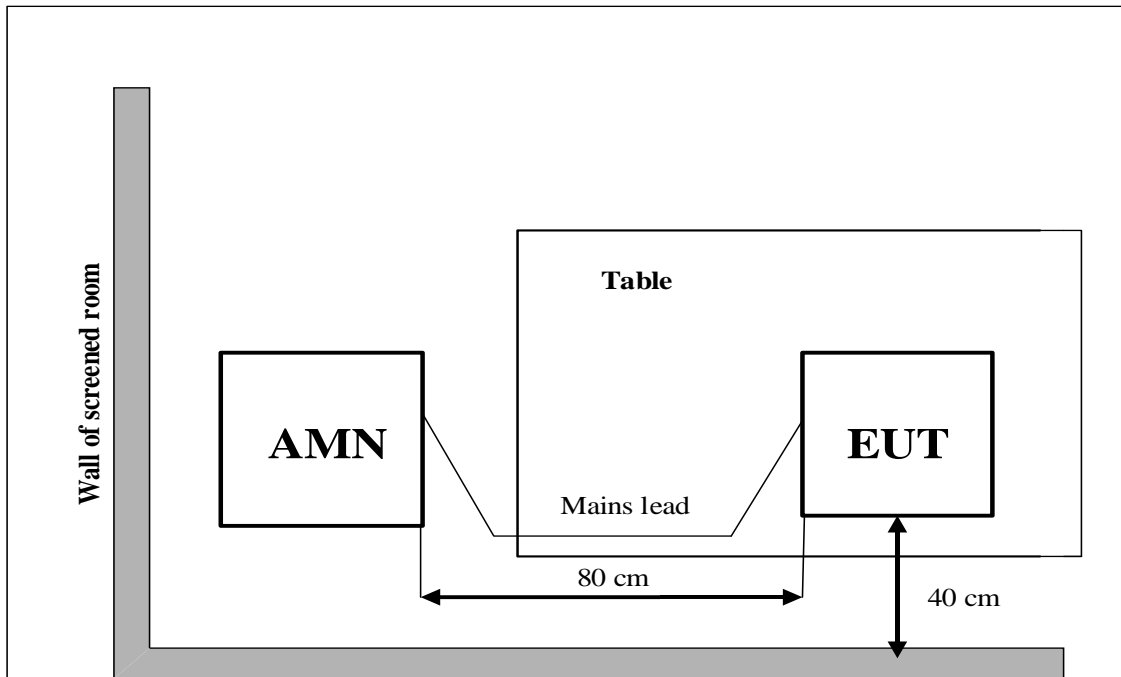
Data Transfer: The model of the PC is Lenovo ThinkPad T480, and the serial number of the PC is PF-13LW0C. The EUT is connected to a PC for transmitting data. The software is used to let the PC keep on copying data to EUT or TF Card, reading and erasing the data after copy action was finished.

A.2.3 Measurement Limit

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

*Decreases with the logarithm of the frequency

A.2.4 Test set-up:



A.2.5 Test Condition in charging mode

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

RBW	Sweep Time(s)
9kHz	1

A.2.6 Measurement Results

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

Where

Corr: PathLoss + Voltage Division Factor

PMea: Measurement result on receiver.

Camera

AC Input Port/ Voltage: 120V/60Hz

Frequency range (MHz)	Quasi-peak Limit (dB μ V)	Average Limit (dB μ V)	Result (dB μ V)	Conclusion
			UT05aa/Set.1	
0.15 to 0.5	66 to 56	56 to 46	See Figure A.2.1.	P
0.5 to 5	56	46		
5 to 30	60	50		

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

Camera

AC Input Port/ Voltage: 120V/60Hz

Frequency range (MHz)	Quasi-peak Limit (dB μ V)	Average Limit (dB μ V)	Result (dB μ V)	Conclusion
			UT05aa/Set.2	
0.15 to 0.5	66 to 56	56 to 46	See Figure A.2.2.	P
0.5 to 5	56	46		
5 to 30	60	50		

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

Camera

AC Input Port/ Voltage: 120V/60Hz

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

Video Player

AC Input Port/ Voltage: 120V/60Hz

Frequency range (MHz)	Quasi-peak Limit (dB μ V)	Average Limit (dB μ V)	Result (dB μ V)	Conclusion
			UT05aa/Set.2	
0.15 to 0.5	66 to 56	56 to 46	See Figure A.2.4.	P
0.5 to 5	56	46		
5 to 30	60	50		

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

FM receiver

AC Input Port/ Voltage: 120V/60Hz

Frequency range (MHz)	Quasi-peak Limit (dB μ V)	Average Limit (dB μ V)	Result (dB μ V)	Conclusion
			UT05aa/Set.1	
0.15 to 0.5	66 to 56	56 to 46	See Figure A.2.5.	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 (dB μ V)	Average Limit (dB μ V)	Result (dB μ V)	Conclusion
			UT05aa/Set.4	
0.15 to 0.5	66 to 56	56 to 46	See Figure A.2.6.	P
0.5 to 5	56	46		
5 to 30	60	50		

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

Data Transfer

AC Input Port/ Voltage: 120V/60Hz

Frequency range (MHz)	Quasi-peak Limit (dB μ V)	Average Limit (dB μ V)	Result (dB μ V)	Conclusion
			UT05aa/Set.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: 240V/60Hz

Frequency range (MHz)	Quasi-peak Limit (dB μ V)	Average Limit (dB μ V)	Result (dB μ V)	Conclusion
			UT05aa/Set.6	
0.15 to 0.5	66 to 56	56 to 46	See Figure A.2.8.	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 (dB μ V)	Average Limit (dB μ V)	Result (dB μ V)	Conclusion
			UT05aa/Set.1	
0.15 to 0.5	66 to 56	56 to 46	See Figure A.2.9.	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 (dB μ V)	Average Limit (dB μ V)	Result (dB μ V)	Conclusion
			UT05aa/Set.22	
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.

Camera

AC Input Port/ Voltage: 240V/60Hz

Frequency range (MHz)	Quasi-peak Limit (dB μ V)	Average Limit (dB μ V)	Result (dB μ V)	Conclusion
			UT05aa/Set.3	
0.15 to 0.5	66 to 56	56 to 46	See Figure A.2.11.	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.

Video Player

AC Input Port/ Voltage: 240V/60Hz

Frequency range (MHz)	Quasi-peak Limit (dB μ V)	Average Limit (dB μ V)	Result (dB μ V)	Conclusion
			UT05aa/Set.2	
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.

FM receiver

AC Input Port/ Voltage: 240V/60Hz

Frequency range (MHz)	Quasi-peak Limit (dB μ V)	Average Limit (dB μ V)	Result (dB μ V)	Conclusion
			UT05aa/Set.1	
0.15 to 0.5	66 to 56	56 to 46	See Figure A.2.13.	P
0.5 to 5	56	46		
5 to 30	60	50		

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

Data Transfer

AC Input Port/ Voltage: 240V/60Hz

Frequency range (MHz)	Quasi-peak Limit (dB μ V)	Average Limit (dB μ V)	Result (dB μ V)	Conclusion
			UT05aa/Set.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: 240V/60Hz

Frequency range (MHz)	Quasi-peak Limit (dB μ V)	Average Limit (dB μ V)	Result (dB μ V)	Conclusion
			UT05aa/Set.5	
0.15 to 0.5	66 to 56	56 to 46	See Figure A.2.15.	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: 240V/60Hz

Frequency range (MHz)	Quasi-peak Limit (dB μ V)	Average Limit (dB μ V)	Result (dB μ V)	Conclusion
			UT05aa/Set.6	
0.15 to 0.5	66 to 56	56 to 46	See Figure A.2.16.	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

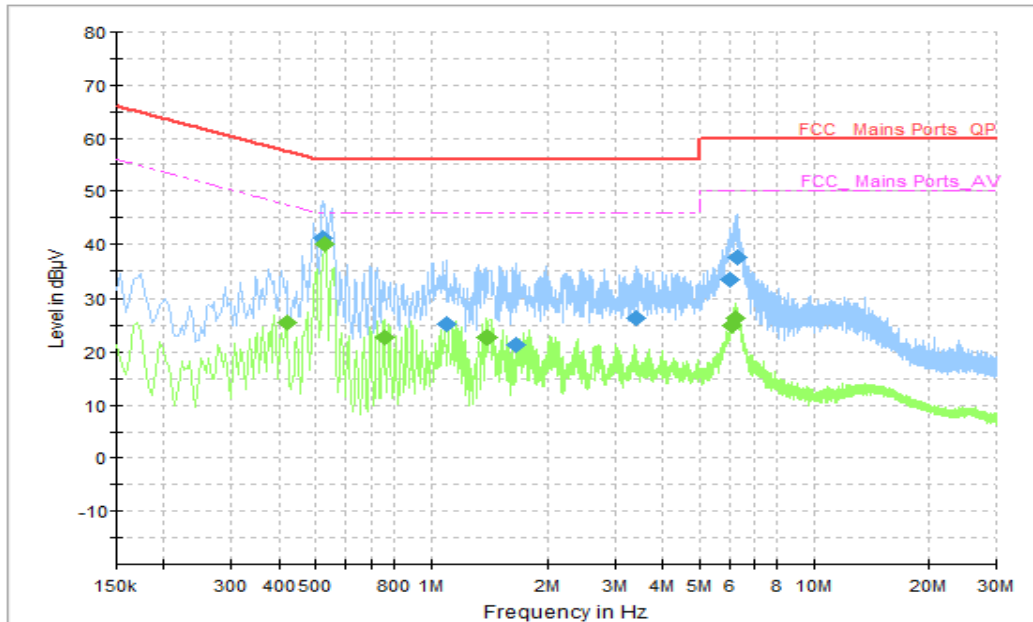


Figure A.2.1. Conducted Emission(Camera)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.522000	41.09	56.00	14.91	N	10	31.09
1.094000	25.39	56.00	30.61	N	10	15.39
1.650000	21.21	56.00	34.79	N	10	11.21
3.418000	26.29	56.00	29.71	N	10	16.29
6.042000	33.35	60.00	26.65	N	7	26.35
6.270000	37.43	60.00	22.57	N	7	30.43

Final_Result_AVG

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.418000	25.60	47.49	21.89	N	10	15.60
0.530000	39.96	46.00	6.04	N	10	29.96
0.754000	22.63	46.00	23.37	N	10	12.63
1.394000	22.71	46.00	23.29	N	10	12.71
6.102000	25.10	50.00	24.90	N	7	18.1
6.230000	26.31	50.00	23.69	N	7	19.31

AC Input Port/ Voltage: 120V/60Hz

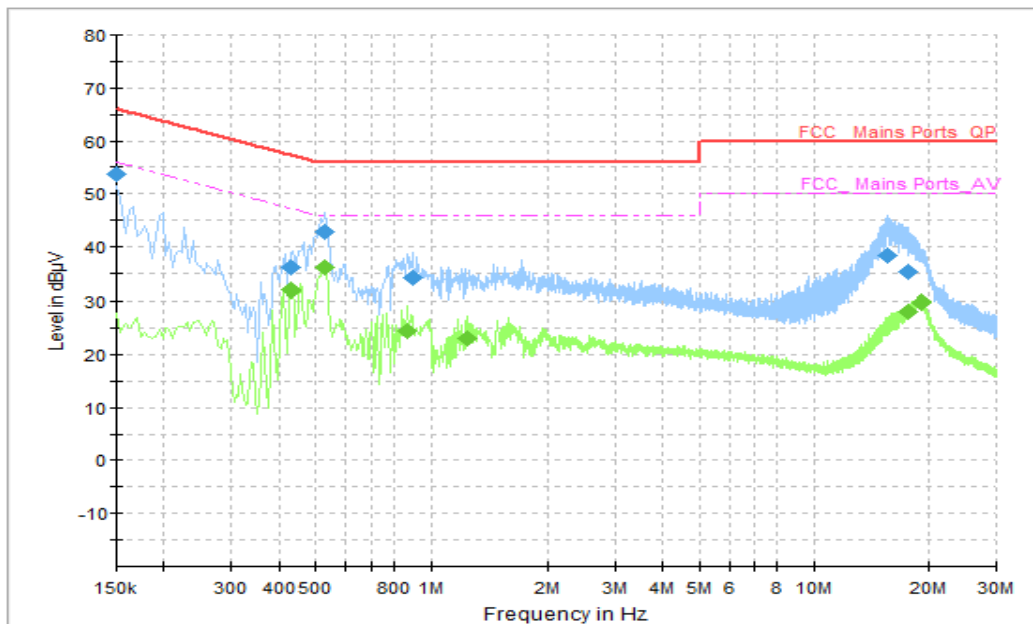


Figure A.2.2. Conducted Emission(Camera)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.150000	53.64	66.00	12.36	N	10	43.64
0.430000	36.13	57.25	21.12	L1	10	26.13
0.530000	42.86	56.00	13.14	L1	10	32.86
0.898000	34.31	56.00	21.69	L1	10	24.31
15.590000	38.39	60.00	21.61	L1	10	28.39
17.698000	35.42	60.00	24.58	L1	10	25.42

Final_Result_AVG

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.430000	32.07	47.25	15.18	L1	10	22.07
0.526000	36.19	46.00	9.81	L1	10	26.19
0.866000	24.36	46.00	21.64	L1	10	14.36
1.250000	22.98	46.00	23.02	L1	10	12.98
17.642000	28.04	50.00	21.96	N	10	18.04
19.102000	29.80	50.00	20.20	N	10	19.80

AC Input Port/ Voltage: 120V/60Hz

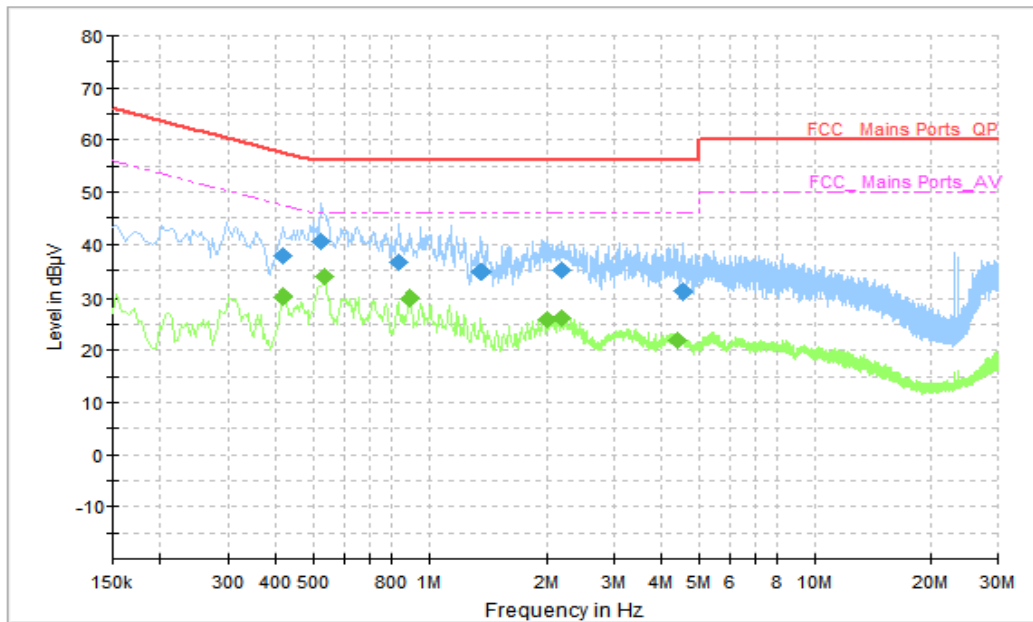


Figure A.2.3. Conducted Emission(Camera)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.418000	37.84	57.49	19.65	L1	10	27.84
0.522000	40.61	56.00	15.39	L1	10	30.61
0.838000	36.53	56.00	19.47	L1	10	26.53
1.362000	34.86	56.00	21.14	L1	10	24.86
2.194000	34.95	56.00	21.05	L1	10	24.95
4.538000	31.15	56.00	24.85	L1	10	21.15

Final_Result_AVG

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.418000	30.06	47.49	17.43	N	10	20.06
0.534000	33.74	46.00	12.26	N	10	23.74
0.894000	29.80	46.00	16.20	N	10	19.80
2.014000	25.89	46.00	20.11	L1	10	15.89
2.194000	26.09	46.00	19.91	L1	10	16.09
4.382000	21.99	46.00	24.01	L1	10	11.99

AC Input Port/ Voltage: 120V/60Hz

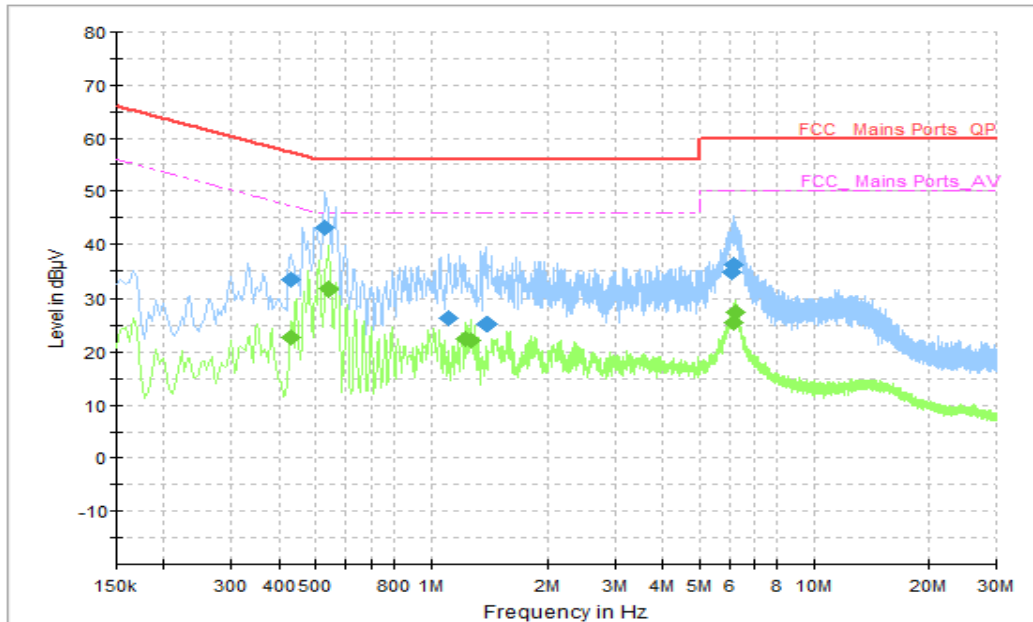


Figure A.2.4. Conducted Emission(Video Player)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.430000	23.34	57.25	33.92	N	10	13.34
0.530000	43.09	56.00	12.91	N	10	33.09
1.110000	26.40	56.00	29.60	N	10	16.40
1.394000	25.36	56.00	30.64	N	10	15.36
6.082000	34.82	60.00	25.18	N	10	24.82
6.162000	36.10	60.00	23.90	N	10	26.10

Final_Result_AVG

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.430000	22.86	47.25	14.39	N	10	12.86
0.542000	31.78	46.00	14.22	L1	10	21.78
1.238000	22.49	46.00	23.51	L1	10	12.49
1.270000	22.20	46.00	23.80	L1	10	12.20
6.118000	25.48	50.00	24.52	N	10	15.48
6.202000	27.40	50.00	22.60	N	10	17.40

AC Input Port/ Voltage: 120V/60Hz

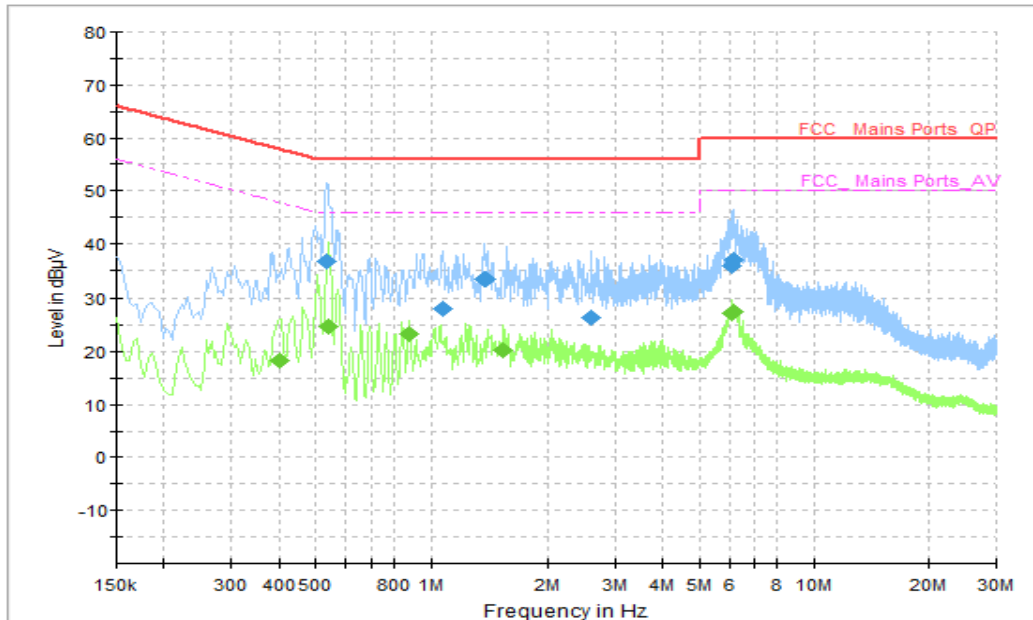


Figure A.2.5. Conducted Emission(FM receiver)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.534000	36.63	56.00	19.37	N	10	26.63
1.074000	27.99	56.00	28.01	N	10	17.99
1.378000	33.45	56.00	22.55	N	10	23.45
2.602000	26.44	56.00	29.56	N	10	16.44
6.082000	35.97	60.00	24.03	N	10	25.97
6.134000	36.85	60.00	23.15	N	10	26.85

Final_Result_AVG

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.402000	18.20	47.81	29.61	L1	10	8.20
0.542000	24.60	46.00	21.40	L1	10	14.6
0.878000	23.41	46.00	22.59	L1	10	13.41
1.530000	20.26	46.00	25.74	L1	10	10.26
6.098000	27.30	50.00	22.70	N	10	17.3
6.130000	27.44	50.00	22.56	N	10	17.44

AC Input Port/ Voltage: 120V/60Hz

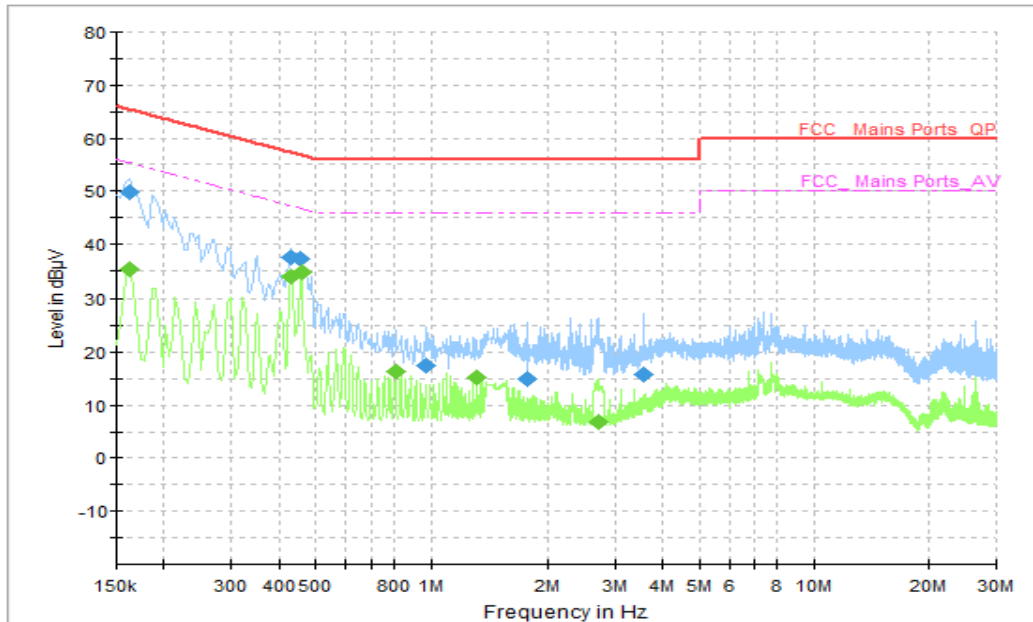


Figure A.2.6. Conducted Emission(Data Transfer)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.162000	49.93	65.36	15.43	N	10	39.93
0.430000	37.43	57.25	19.82	N	10	27.43
0.454000	37.40	56.80	19.41	N	10	27.40
0.966000	17.39	56.00	38.61	N	10	7.39
1.770000	14.78	56.00	41.22	L1	10	4.78
3.586000	15.78	56.00	40.22	L1	10	5.78

Final_Result_AVG

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.162000	35.35	55.36	20.01	N	10	25.35
0.430000	33.78	47.25	13.47	N	10	23.78
0.458000	34.64	46.73	12.09	L1	10	24.64
0.806000	16.36	46.00	29.64	N	10	6.36
1.318000	15.22	46.00	30.78	N	10	5.22
2.706000	6.75	46.00	39.25	N	10	-3.25

AC Input Port/ Voltage: 120V/60Hz

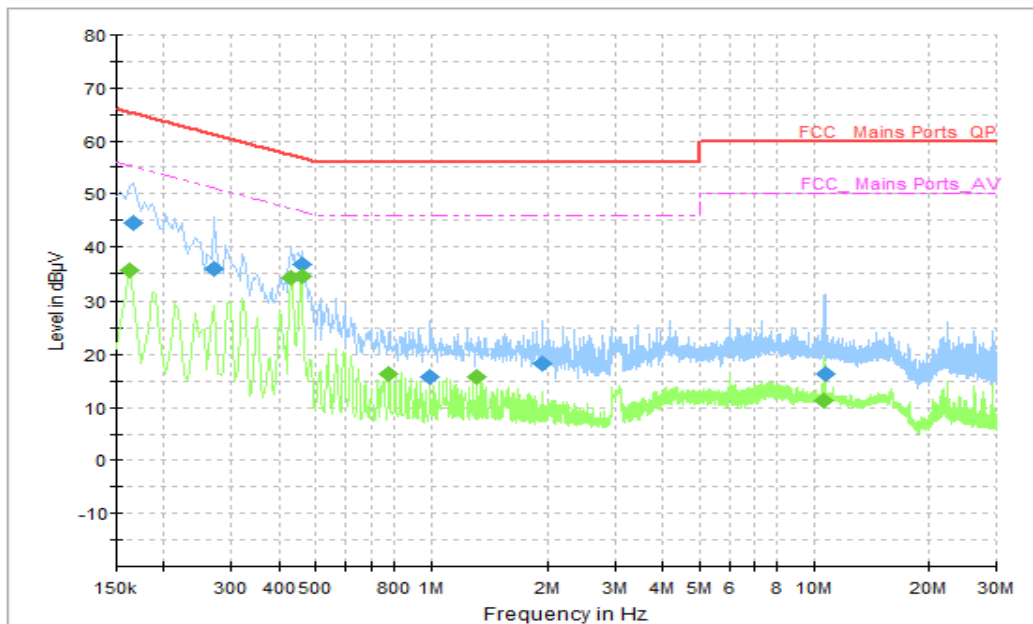


Figure A.2.7. Conducted Emission(Data Transfer)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.166000	44.54	65.16	20.62	L1	10	34.54
0.270000	35.81	61.12	25.30	N	10	25.81
0.458000	36.78	56.73	19.95	L1	10	26.78
0.998000	15.88	56.00	40.12	L1	10	5.88
1.942000	18.33	56.00	37.67	L1	10	8.33
10.658000	16.33	60.00	43.67	L1	10	6.33

Final_Result_AVG

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.162000	35.51	55.36	19.85	N	10	25.51
0.430000	34.25	47.25	13.00	L1	10	24.25
0.458000	34.49	46.73	12.24	L1	10	24.49
0.778000	16.38	46.00	29.62	N	10	6.38
1.318000	15.66	46.00	30.34	N	10	5.66
10.618000	11.23	50.00	38.77	L1	10	1.23

AC Input Port/ Voltage:120V/60Hz

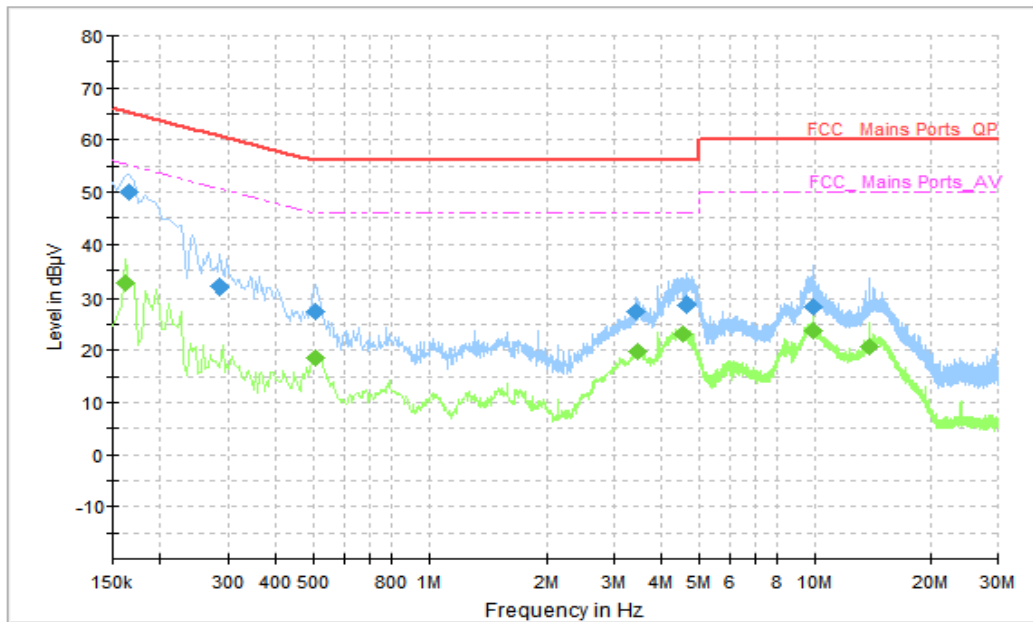


Figure A.2.8. Conducted Emission(Data Transfer)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.166000	50.02	65.16	15.14	N	10	40.02
0.286000	32.10	60.64	28.54	N	10	22.1
0.506000	27.29	56.00	28.71	L1	10	17.29
3.402000	27.32	56.00	28.68	N	10	17.32
4.634000	28.63	56.00	27.37	N	10	18.63
9.914000	28.34	60.00	31.66	L1	10	18.34

Final_Result_AVG

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.162000	32.55	55.36	22.81	L1	10	22.55
0.506000	18.59	46.00	27.41	L1	10	8.59
3.466000	19.63	46.00	26.37	L1	10	9.63
4.522000	23.09	46.00	22.91	N	10	13.09
9.914000	23.88	50.00	26.12	L1	10	13.88
13.870000	20.80	50.00	29.20	L1	10	10.80

AC Input Port/ Voltage: 240V/60Hz

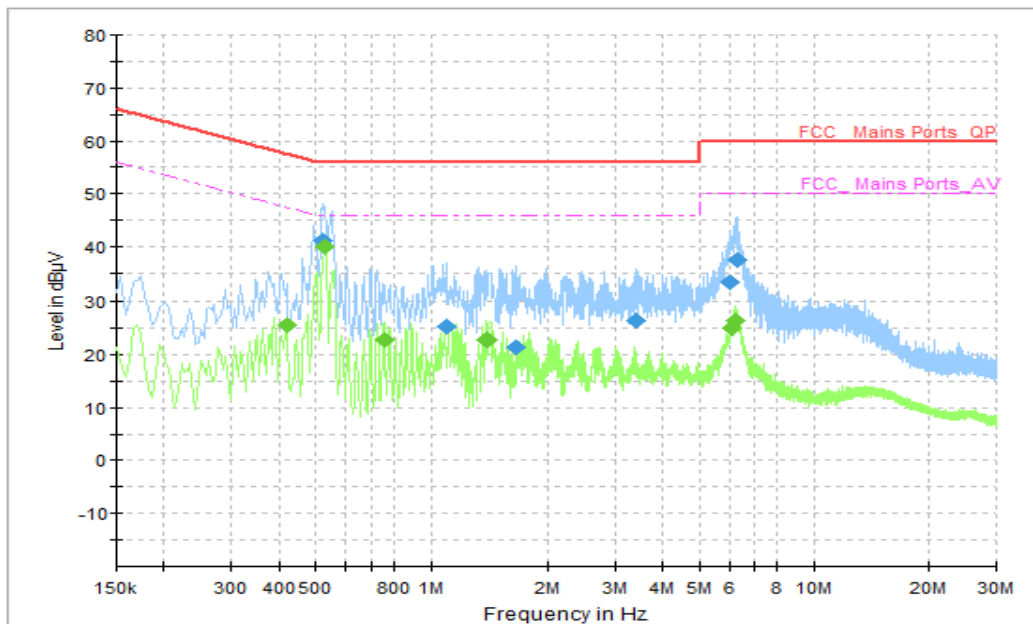


Figure A.2.9. Conducted Emission(Camera)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.522000	41.09	56.00	14.91	N	10	31.09
1.094000	25.39	56.00	30.61	N	10	15.39
1.650000	21.21	56.00	34.79	N	10	11.21
3.418000	26.29	56.00	29.71	N	10	16.29
6.042000	33.35	60.00	26.65	N	7	26.35
6.270000	37.43	60.00	22.57	N	7	30.43

Final_Result_AVG

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.418000	25.60	47.49	21.89	N	10	15.60
0.530000	39.96	46.00	6.04	N	10	29.96
0.754000	22.63	46.00	23.37	N	10	12.63
1.394000	22.71	46.00	23.29	N	10	12.71
6.102000	25.10	50.00	24.90	N	7	18.1
6.230000	26.31	50.00	23.69	N	7	19.31

AC Input Port/ Voltage: 240V/60Hz

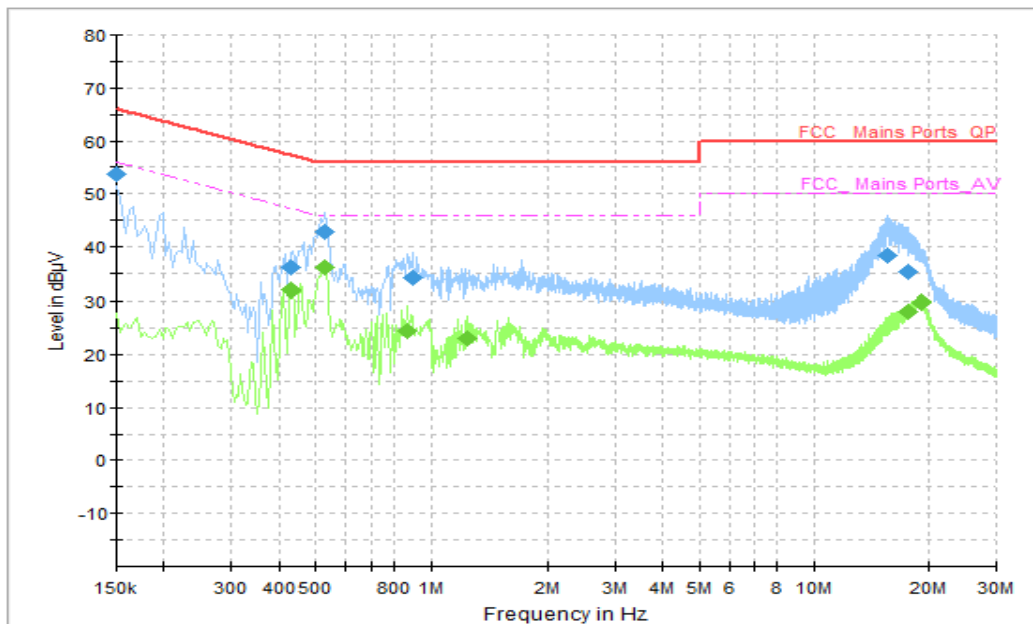


Figure A.2.10. Conducted Emission(Camera)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.150000	53.64	66.00	12.36	N	10	43.64
0.430000	36.13	57.25	21.12	L1	10	26.13
0.530000	42.86	56.00	13.14	L1	10	32.86
0.898000	34.31	56.00	21.69	L1	10	24.31
15.590000	38.39	60.00	21.61	L1	10	28.39
17.698000	35.42	60.00	24.58	L1	10	25.42

Final_Result_AVG

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.430000	32.07	47.25	15.18	L1	10	22.07
0.526000	36.19	46.00	9.81	L1	10	26.19
0.866000	24.36	46.00	21.64	L1	10	14.36
1.250000	22.98	46.00	23.02	L1	10	12.98
17.642000	28.04	50.00	21.96	N	10	18.04
19.102000	29.80	50.00	20.20	N	10	19.80

AC Input Port/ Voltage: 240V/60Hz

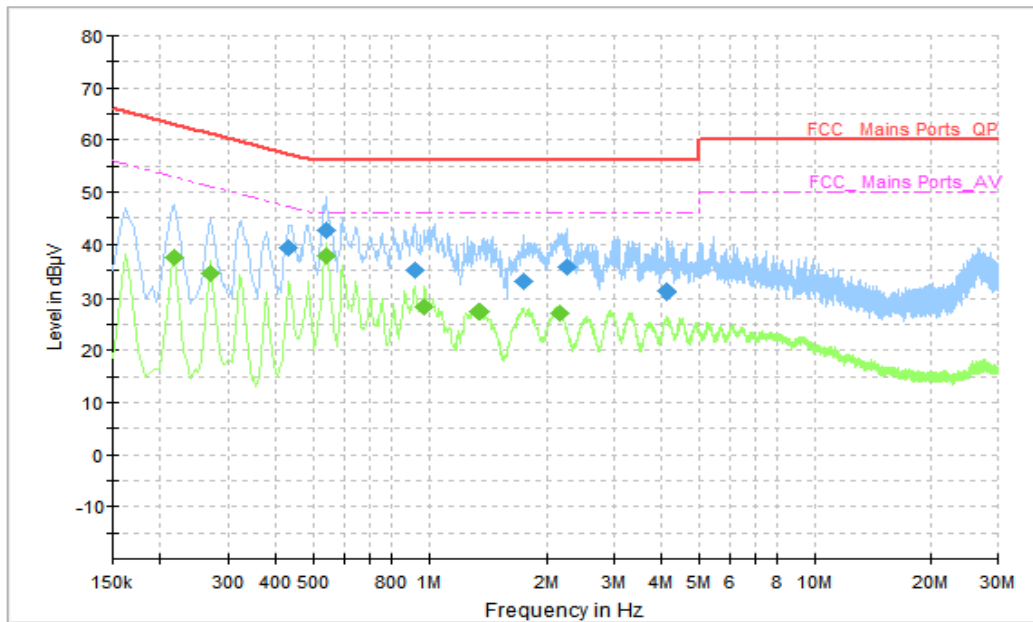


Figure A.2.11. Conducted Emission(Camera)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.430000	39.18	57.25	18.07	N	10	29.18
0.538000	42.72	56.00	13.28	L1	10	32.72
0.918000	35.14	56.00	20.86	L1	10	25.14
1.742000	32.99	56.00	23.01	L1	10	22.99
2.262000	35.71	56.00	20.29	L1	10	25.71
4.130000	31.07	56.00	24.93	L1	10	21.07

Final_Result_AVG

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.218000	37.34	52.90	15.56	N	10	27.34
0.270000	34.58	51.12	18.53	N	10	24.58
0.538000	37.93	46.00	8.07	N	10	27.93
0.974000	28.41	46.00	17.59	N	10	18.41
1.350000	27.48	46.00	18.52	N	10	17.48
2.158000	26.99	46.00	19.01	N	10	16.99

AC Input Port/ Voltage: 240V/60Hz

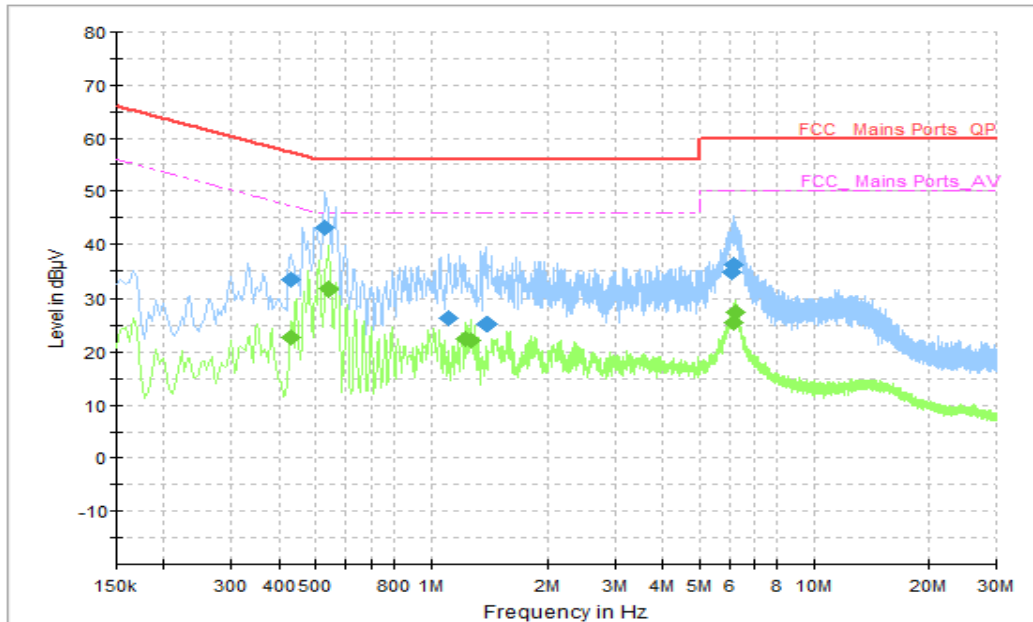


Figure A.2.12. Conducted Emission(Video Player)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.430000	23.34	57.25	33.92	N	10	13.34
0.530000	43.09	56.00	12.91	N	10	33.09
1.110000	26.40	56.00	29.60	N	10	16.40
1.394000	25.36	56.00	30.64	N	10	15.36
6.082000	34.82	60.00	25.18	N	10	24.82
6.162000	36.10	60.00	23.90	N	10	26.10

Final_Result_AVG

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.430000	22.86	47.25	14.39	N	10	12.86
0.542000	31.78	46.00	14.22	L1	10	21.78
1.238000	22.49	46.00	23.51	L1	10	12.49
1.270000	22.20	46.00	23.80	L1	10	12.20
6.118000	25.48	50.00	24.52	N	10	15.48
6.202000	27.40	50.00	22.60	N	10	17.40

AC Input Port/ Voltage:240 V/60Hz

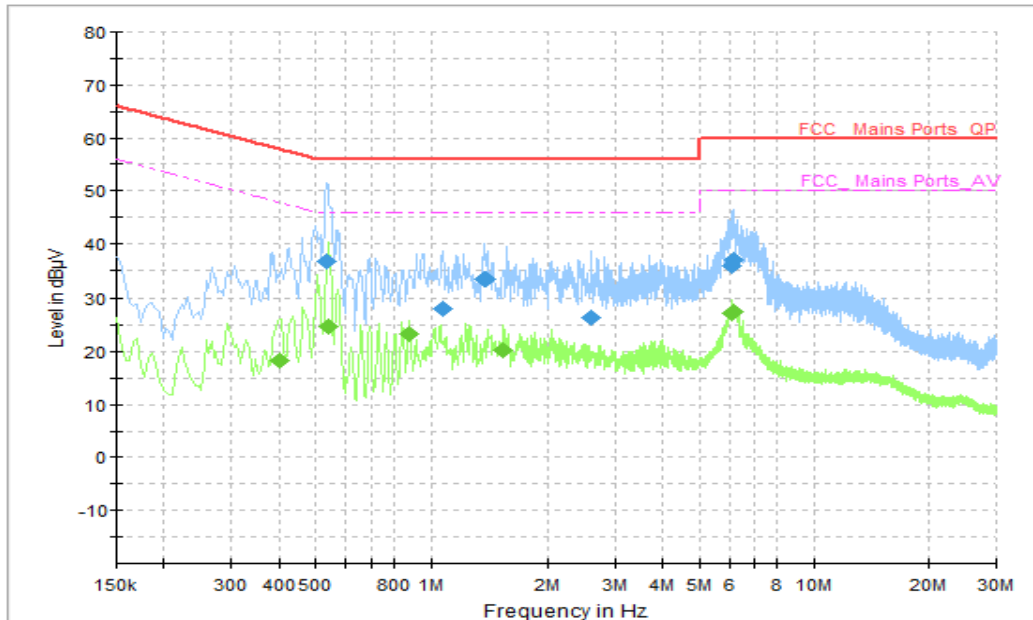


Figure A.2.13. Conducted Emission(FM receiver)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.534000	36.63	56.00	19.37	N	10	26.63
1.074000	27.99	56.00	28.01	N	10	17.99
1.378000	33.45	56.00	22.55	N	10	23.45
2.602000	26.44	56.00	29.56	N	10	16.44
6.082000	35.97	60.00	24.03	N	10	25.97
6.134000	36.85	60.00	23.15	N	10	26.85

Final_Result_AVG

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.402000	18.20	47.81	29.61	L1	10	8.20
0.542000	24.60	46.00	21.40	L1	10	14.6
0.878000	23.41	46.00	22.59	L1	10	13.41
1.530000	20.26	46.00	25.74	L1	10	10.26
6.098000	27.30	50.00	22.70	N	10	17.3
6.130000	27.44	50.00	22.56	N	10	17.44

AC Input Port/ Voltage: 240V/60Hz

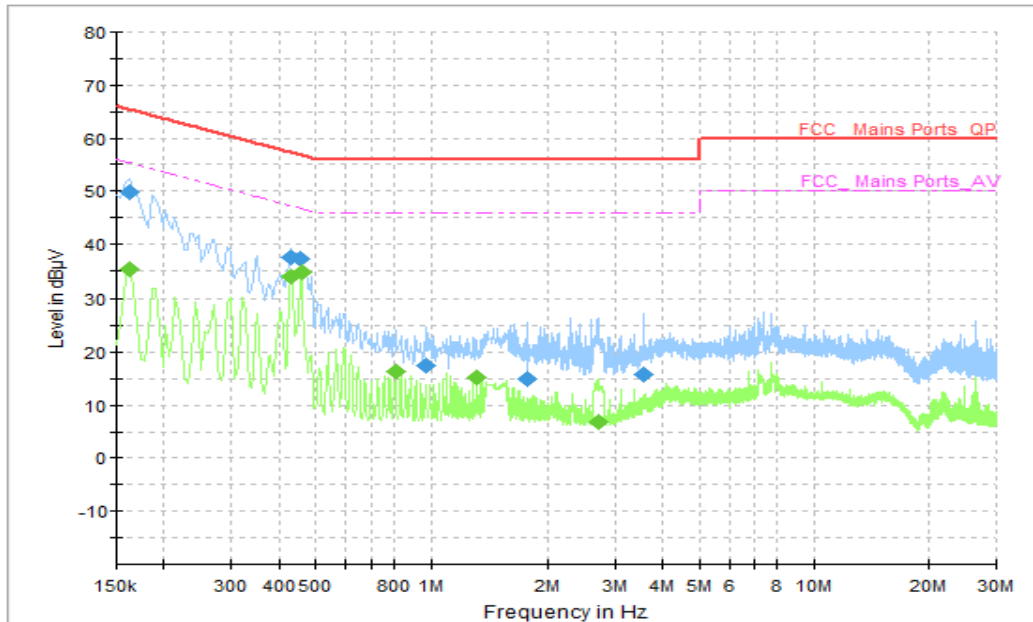


Figure A.2.14. Conducted Emission(Data Transfer)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.162000	49.93	65.36	15.43	N	10	39.93
0.430000	37.43	57.25	19.82	N	10	27.43
0.454000	37.40	56.80	19.41	N	10	27.40
0.966000	17.39	56.00	38.61	N	10	7.39
1.770000	14.78	56.00	41.22	L1	10	4.78
3.586000	15.78	56.00	40.22	L1	10	5.78

Final_Result_AVG

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.162000	35.35	55.36	20.01	N	10	25.35
0.430000	33.78	47.25	13.47	N	10	23.78
0.458000	34.64	46.73	12.09	L1	10	24.64
0.806000	16.36	46.00	29.64	N	10	6.36
1.318000	15.22	46.00	30.78	N	10	5.22
2.706000	6.75	46.00	39.25	N	10	-3.25

AC Input Port/ Voltage: 240V/60Hz

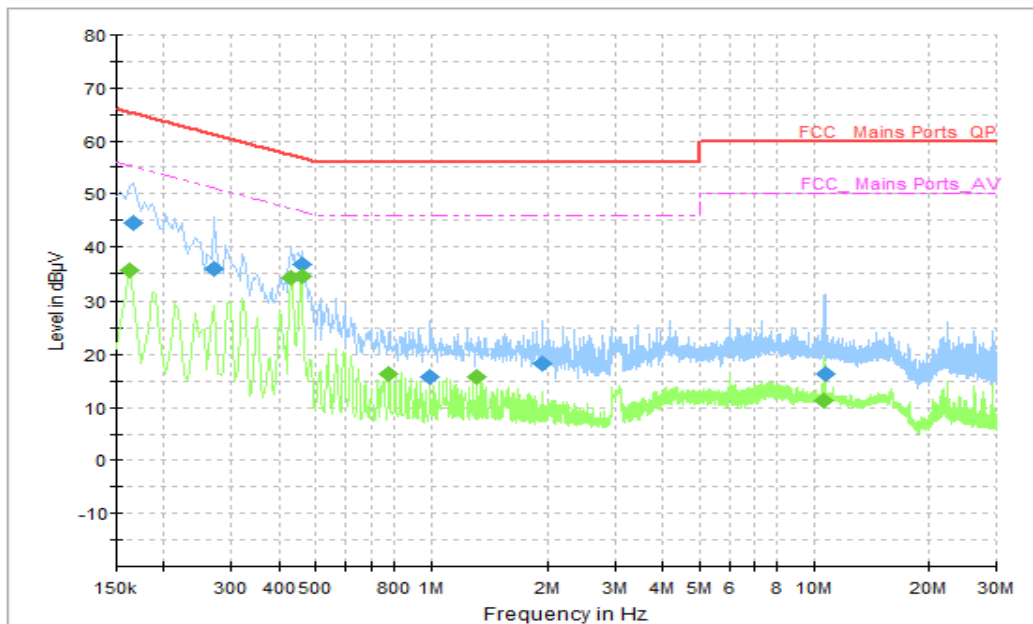


Figure A.2.15. Conducted Emission(Data Transfer)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.166000	44.54	65.16	20.62	L1	10	34.54
0.270000	35.81	61.12	25.30	N	10	25.81
0.458000	36.78	56.73	19.95	L1	10	26.78
0.998000	15.88	56.00	40.12	L1	10	5.88
1.942000	18.33	56.00	37.67	L1	10	8.33
10.658000	16.33	60.00	43.67	L1	10	6.33

Final_Result_AVG

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.162000	35.51	55.36	19.85	N	10	25.51
0.430000	34.25	47.25	13.00	L1	10	24.25
0.458000	34.49	46.73	12.24	L1	10	24.49
0.778000	16.38	46.00	29.62	N	10	6.38
1.318000	15.66	46.00	30.34	N	10	5.66
10.618000	11.23	50.00	38.77	L1	10	1.23

AC Input Port/ Voltage: 240V/60Hz

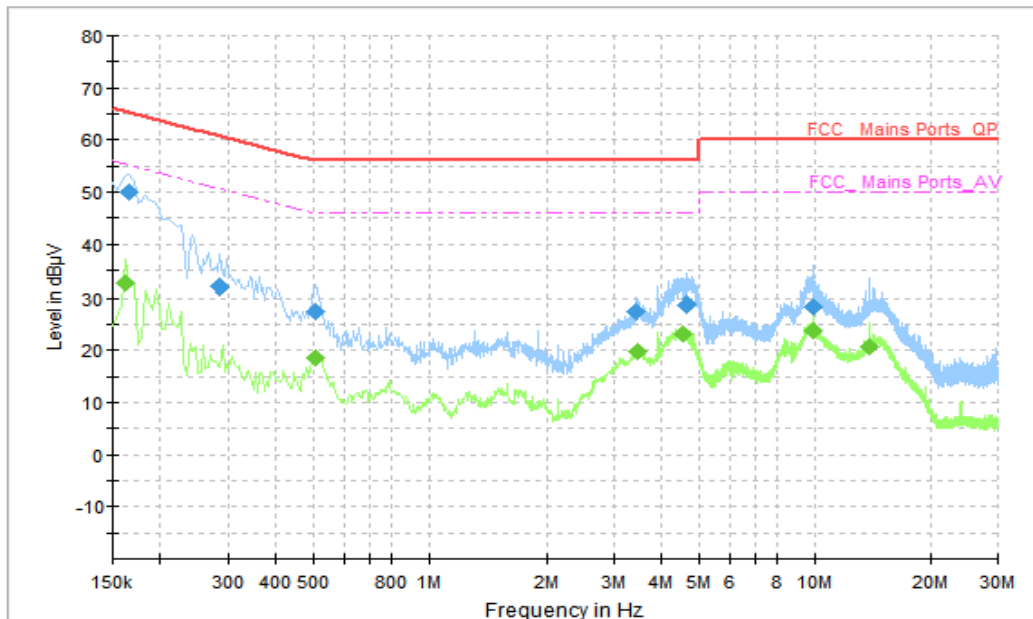


Figure A.2.16. Conducted Emission(Data Transfer)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.166000	50.02	65.16	15.14	N	10	40.02
0.286000	32.10	60.64	28.54	N	10	22.1
0.506000	27.29	56.00	28.71	L1	10	17.29
3.402000	27.32	56.00	28.68	N	10	17.32
4.634000	28.63	56.00	27.37	N	10	18.63
9.914000	28.34	60.00	31.66	L1	10	18.34

Final_Result_AVG

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.162000	32.55	55.36	22.81	L1	10	22.55
0.506000	18.59	46.00	27.41	L1	10	8.59
3.466000	19.63	46.00	26.37	L1	10	9.63
4.522000	23.09	46.00	22.91	N	10	13.09
9.914000	23.88	50.00	26.12	L1	10	13.88
13.870000	20.80	50.00	29.20	L1	10	10.80

END OF REPORT