TEST REPORT

No.I21N02048-EMC

for

HMD global Oy

Tablet PC

Model Name：TA-1392

With

Hardware Version: V1.0

Software Version: 00WW_0_23B

FCC ID: 2AJOTTA-1392

Issued Date: 2021-09-10

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.

Test Laboratory:

SAICT, Shenzhen Academy of Information and Communications Technology

Building G, Shenzhen International Innovation Center, No.1006 Shennan Road, Futian District, Shenzhen, Guangdong, P. R. China. 518000.

Tel:+86(0)755-33322000, Fax:+86(0)755-33322001

Email: yewu@caict.ac.cn. www.saict.ac.cn

REPORT HISTORY

Report Number	Revision	Description	Issue Date
I21N02048-EMC	Rev.0	1st edition	2021-09-10

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

CONTENTS

1. SUMMARY OF TEST REPORT

1.1. Test Items

Description	Tablet PC
Model Name	TA-1392
Applicant's name	HMD global Oy
Manufacturer's Name	HMD global Oy

1.2. Test Standards

FCC Part 15, Subpart B (10-1-2020 Edition); ANSI C63.4-2014.

1.3. Test Result

Total test 2 items, pass 2 items. Please refer to "6.2 Test Results".

1.4. Testing Location

Address: Building G, Shenzhen International Innovation Center, No.1006 Shennan Road, Futian District, Shenzhen, Guangdong, China

1.5. Project data

Testing Start Date: 2021-07-01 Testing End Date: 2021-09-07

1.6. Signature

Ma Shoujian
(Prepared this test report)

Zhang Yunzhuan
(Reviewed this test report)

Cao Junfei
(Approved this test report)

2. CLIENT INFORMATION

2.1. Applicant Information

Company Name:	HMD global Oy
Address:	Bertel Jungin aukio 9, 02600 Espoo, Finland.
Contact	Rosario Casillo
Email	Rosario Casillo@hmdglobal.com
Tel.	+393 316272922
Fax	/

2.2. Manufacturer Information

Company Name:	HMD global Oy
Address:	Bertel Jungin aukio 9, 02600 Espoo, Finland.
Contact	Rosario Casillo
Email	Rosario Casillo@hmdglobal.com
Tel.	+393 316272922
Fax	/

3. EQUIPMENT UNDER TEST (EUT) AND ANCILLARY EQUIPMENT (AE)

3.1. About EUT

Description	Tablet PC
Model Name	TA-1392
FCC ID	2AJOTTA-1392
Condition of EUT as received	No obvious damage in appearance

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

3.2. Internal Identification of EUT

EUT ID*	SN or IMEI	HW Version	SW Version	Receive Date
UT05aa	4000TA1392L61500338	V1.0	00WW_0_23B	2021-07-01
UT06aa	4000TA1392L61500339	V1.0	00WW_0_23B	2021-07-01
UT07aa	4000TA1392L61500354	V1.0	00WW_0_23B	2021-07-01

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

3.3. Internal Identification of AE

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

AE1

Model	EMT80
Manufacturer	HUNAN GAOYUAN BATTERY COMPANY LIMITED
Capacity	8000mAh
Nominal Voltage	5V

AE2-1

Model	AD-010U
Manufacturer	Shen zhen baijundaElectronic Co..Ltd

AE2-2

Model	CH-21B
Manufacturer	Shen zhen Tianyin Electronic Co..Ltd

AE3-1

Model	/
Manufacturer	Shen zhen baijundaElectronic Co..Ltd

AE4

Model	/

Manufacturer /

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

AE: ancillary equipment

AE4: Just for test.

3.4. EUT set-ups

EUT set-up No.	Combination of EUT and AE	Remarks
Set.1	EUT+AE1+AE2-1-AE3	
Set.2	EUT+AE1+AE2-2-AE3	
Set.3	EUT+AE1+AE3+PC	
Set.4	EUT+AE1+AE2-1-AE3+AE4	
Set.5	EUT+AE1+AE2-2-AE3+AE4	

3.5. General Description

The Equipment Under Test (EUT) is a model of Tablet PC with internal antenna.
It has Video Player, Camera, FM receiver, USB memory, Bluetooth and Wi-Fi 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.
Smart Phone with Integrated antenna TA-1392 comes in 2 specifications of memory:4G RAM+64G ROM and 3G RAM+32G ROM.
This report is based on the model TA-1392 (4G RAM+64G ROM) for the primary test.
The model TA-1392 (3G RAM+32G ROM) is records of model TA-1392(4G RAM+64G ROM).
According to the declaration of differences by manufacturer, the model TA-1392 (3G RAM+32G ROM) and model TA-1392(4G RAM+64G ROM) differ only in specifications of memory. The following tests of Smart Phone TA-1392 (3G RAM+32G ROM) need to be performed.

NO.	Test item	Specifications of memory	EUT ID	Operating mode
1	Radiated Emission	3G RAM+32G ROM	UT07aa	FM receiver/ Data Transfer

Other results of are cited from the initial model TA-1392(4G RAM+64G ROM) which are performed in this report.

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

6. SUMMARY OF TEST RESULTS

6.1. Testing Environment

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

6.2. Summary of Measurement Results

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

Items	Test Name	Clause in FCC/IC rules	Section in this report	Verdict
1	Radiated Emission	15.109(a)/ Section 6.2	A.1	P
2	Conducted Emission	15.107(a)/ Section 6.1	A.2	P

6.3. Statement

6.3.1 Statements of conformity

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

7. MEASUREMENT UNCERTAINTY

Test item	Frequency ranges	Measurement uncertainty
Radiated Emission	30MHz-1GHz	4.84dB(*k*=2)
	1GHz-18GHz	4.68dB(*k*=2)
	18GHz-40GHz	3.76dB(*k*=2)
Conducted Emission	150kHz-30MHz	3.00dB(*k*=2)

8. TEST FACILITIES UTILIZED

NO.	NAME	TYPE	SERIES NUMBER	MANUFACTURER	CAL. DUE DATE	CAL. PERIOD
1.	Test Receiver	ESR7	101676	R&S	2021.11.25	1 year
2.	Test Receiver	ESCI	100702	R&S	2022.01.13	1 year
3.	Spectrum Analyzer	FSV40	101192	R&S	2022.01.13	1 year
4.	BiLog Antenna	3142E	0224831	ETS-Lindgren	2024.05.27	3 years
5.	Horn Antenna	3117	00066577	ETS-Lindgren	2022.04.02	3 years
6.	LISN	ENV216	102067	R&S	2022.07.15	1 year
7.	Chamber	FACT3-2.0	1285	ETS-Lindgren	2023.05.29	2 years
8.	Software	EMC32	V10.50.40	R&S	/	/
9.	Universal Radio Communication Tester	CMW500	152499	R&S	2022.07.15	1 year
10.	Signal Generator	SMB100A	179725	R&S	2021.11.25	1 year
11.	Horn Antenna	QSH-SL-18-26-S-20	17013	Q-par	2023.01.06	3 years
12.	Horn Antenna	QSH-SL-8-26-40-K-20	17014	Q-par	2023.01.06	3 years

Note: CAL.: Calibration

9. Test Accessory Utilized

NO.	NAME	TYPE	SERIES NUMBER	MANUFACTURER	CALDUE DATE	CAL 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 (Data transfer mode of EUT and charging mode of EUT) at a distance of 3 meters 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. The measurement antenna was placed at a distance of 3 meters from the EUT. 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.

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

A.1.3 Measurement Limit

Limit from Part 15.109(a)

Frequency range (MHz)	Field strength limit (μV/m)		
	Quasi-peak	Average	Peak
30-88	100		
88-216	150		
216-960	200		
960-1000	500		
>1000		500	5000

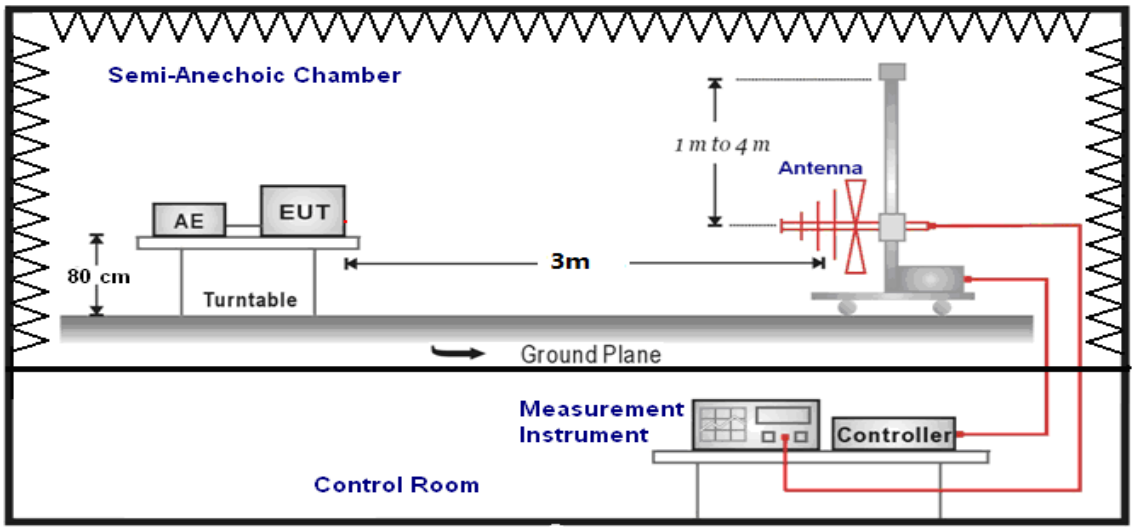
*Note: The original limit is defined at 10m test distance. This limit is calculated according to CISPR requirements.

A.1.4 Test Condition

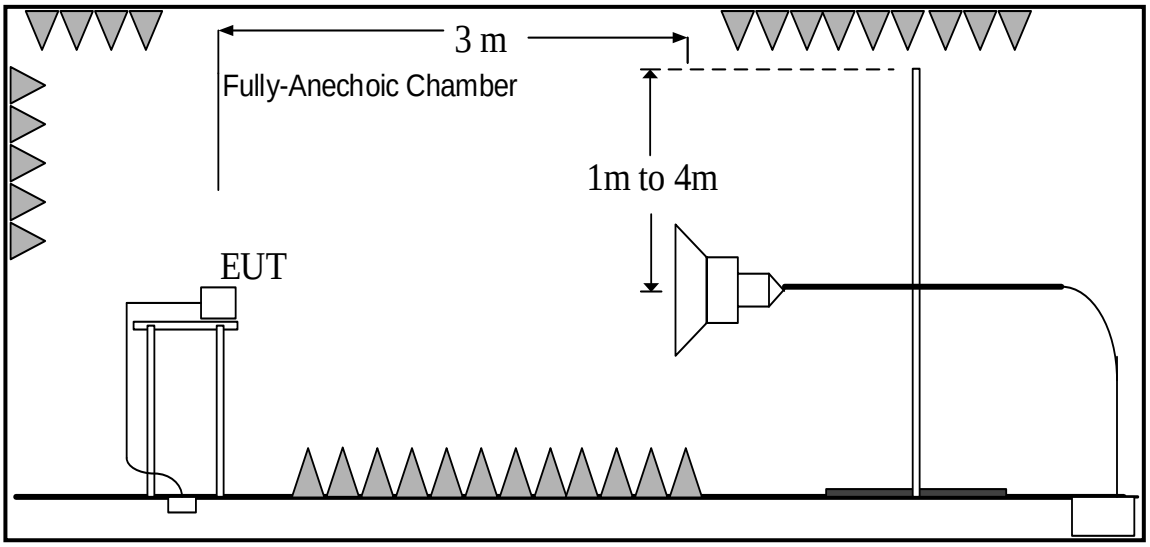
Frequency of emission (MHz)	RBW/VBW	Sweep Time(s)
30-1000	120kHz (IF bandwidth)	5
Above 1000	1MHz/3MHz	15

A.1.5 Test 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:

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

Where

G_A: Antenna factor of receive antenna

G_{PL}:PathLoss

P_{Mea}: Measurement result on receiver.

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

Note: the result contains vertical part and Horizontal part

Camera

Frequency range (MHz)	Quasi-Peak Limit (dBμV/m)	Result (dBμV/m) UT05aa/Set.1	Conclusion
30-88	40.00	See Figure A.1.1.	P
88-216	43.52		
216-960	46.02		
960-1000	54.00		

Frequency range (MHz)	Average Limit (dBμV/m)	Peak Limit (dBμV/m)	Result (dBμV/m) UT05aa/Set.1	Conclusion
1000 to 3000	54.00	74.00	See Figure A.1.2.	P
3000 to 18000	54.00	74.00	See Figure A.1.3.	
18000 to 26500	54.00	74.00	See Figure A.1.4.	
26500 to 40000	54.00	74.00	See Figure A.1.5.	

Video Player

Frequency range (MHz)	Quasi-Peak Limit (dBμV/m)	Result (dBμV/m) UT05aa/Set.1	Conclusion
30-88	40.00	See Figure A.1.6.	P
88-216	43.52		
216-960	46.02		
960-1000	54.00		

Frequency range (MHz)	Average Limit (dBμV/m)	Peak Limit (dBμV/m)	Result (dBμV/m) UT05aa/Set.1	Conclusion
1000 to 3000	54.00	74.00	See Figure A.1.7.	P
3000 to 18000	54.00	74.00	See Figure A.1.8.	
18000 to 26500	54.00	74.00	See Figure A.1.9.	
26500 to 40000	54.00	74.00	See Figure A.1.10.	

FM receiver

Frequency range (MHz)	Quasi-Peak Limit (dBμV/m)	Result (dBμV/m) UT05aa/Set.4	Conclusion
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 (dBμV/m)	Peak Limit (dBμV/m)	Result (dBμV/m) UT05aa/Set.4	Conclusion
1000 to 3000	54.00	74.00	See Figure A.1.12.	P
3000 to 18000	54.00	74.00	See Figure A.1.13.	
18000 to 26500	54.00	74.00	See Figure A.1.14.	
26500 to 40000	54.00	74.00	See Figure A.1.15.	

FM receiver

Frequency range (MHz)	Quasi-Peak Limit (dBμV/m)	Result (dBμV/m) UT05aa/Set.5	Conclusion
30-88	40.00	See Figure A.1.16.	P
88-216	43.52		
216-960	46.02		
960-1000	54.00		

Frequency range (MHz)	Average Limit (dBμV/m)	Peak Limit (dBμV/m)	Result (dBμV/m) UT05aa/Set.5	Conclusion
1000 to 3000	54.00	74.00	See Figure A.1.17.	P
3000 to 18000	54.00	74.00	See Figure A.1.18.	
18000 to 26500	54.00	74.00	See Figure A.1.19.	
26500 to 40000	54.00	74.00	See Figure A.1.20.	

Data Transfer: PC TO EUT

Frequency range (MHz)	Quasi-Peak Limit (dBμV/m)	Result (dBμV/m) UT05aa/Set.3	Conclusion
30-88	40.00	See Figure A.1.21.	P
88-216	43.52		
216-960	46.02		
960-1000	54.00		

Frequency range (MHz)	Average Limit (dBμV/m)	Peak Limit (dBμV/m)	Result (dBμV/m) UT05aa/Set.3	Conclusion
1000 to 3000	54.00	74.00	See Figure A.1.22.	P
3000 to 18000	54.00	74.00	See Figure A.1.23.	
18000 to 26500	54.00	74.00	See Figure A.1.24.	
26500 to 40000	54.00	74.00	See Figure A.1.25.	

Data Transfer: PC TO TF Card

Frequency range (MHz)	Quasi-Peak Limit (dBμV/m)	Result (dBμV/m) UT05aa/Set.3	Conclusion
30-88	40.00	See Figure A.1.26.	P
88-216	43.52		
216-960	46.02		
960-1000	54.00		

Frequency range (MHz)	Average Limit (dBμV/m)	Peak Limit (dBμV/m)	Result (dBμV/m) UT05aa/Set.3	Conclusion
1000 to 3000	54.00	74.00	See Figure A.1.27.	P
3000 to 18000	54.00	74.00	See Figure A.1.28.	
18000 to 26500	54.00	74.00	See Figure A.1.29.	
26500 to 40000	54.00	74.00	See Figure A.1.30.	

Data Transfer: EUT TO PC

Frequency range (MHz)	Quasi-Peak Limit (dBμV/m)	Result (dBμV/m) UT05aa/Set.3	Conclusion
30-88	40.00	See Figure A.1.31.	P
88-216	43.52		
216-960	46.02		
960-1000	54.00		

Frequency range (MHz)	Average Limit (dBμV/m)	Peak Limit (dBμV/m)	Result (dBμV/m) UT05aa/Set.3	Conclusion
1000 to 3000	54.00	74.00	See Figure A.1.32.	P
3000 to 18000	54.00	74.00	See Figure A.1.33.	
18000 to 26500	54.00	74.00	See Figure A.1.34.	
26500 to 40000	54.00	74.00	See Figure A.1.35.	

Data Transfer: TF Card TO PC

Frequency range (MHz)	Quasi-Peak Limit (dBμV/m)	Result (dBμV/m) UT05aa/Set.3	Conclusion
30-88	40.00	See Figure A.1.36.	P
88-216	43.52		
216-960	46.02		
960-1000	54.00		

Frequency range (MHz)	Average Limit (dBμV/m)	Peak Limit (dBμV/m)	Result (dBμV/m) UT05aa/Set.3	Conclusion
1000 to 3000	54.00	74.00	See Figure A.1.37.	P
3000 to 18000	54.00	74.00	See Figure A.1.38.	
18000 to 26500	54.00	74.00	See Figure A.1.39.	
26500 to 40000	54.00	74.00	See Figure A.1.40.	

FM receiver

Frequency range (MHz)	Quasi-Peak Limit (dBμV/m)	Result (dBμV/m) UT07aa/Set.4	Conclusion
30-88	40.00	See Figure A.1.41.	P
88-216	43.52		
216-960	46.02		
960-1000	54.00		

Frequency range (MHz)	Average Limit (dBμV/m)	Peak Limit (dBμV/m)	Result (dBμV/m) UT07aa/Set.4	Conclusion
1000 to 3000	54.00	74.00	See Figure A.1.42.	P
3000 to 18000	54.00	74.00	See Figure A.1.43.	
18000 to 26500	54.00	74.00	See Figure A.1.44.	
26500 to 40000	54.00	74.00	See Figure A.1.45.	

FM receiver

Frequency range (MHz)	Quasi-Peak Limit (dBμV/m)	Result (dBμV/m) UT07aa/Set.5	Conclusion
30-88	40.00	See Figure A.1.46.	P
88-216	43.52		
216-960	46.02		
960-1000	54.00		

Frequency range (MHz)	Average Limit (dBμV/m)	Peak Limit (dBμV/m)	Result (dBμV/m) UT07aa/Set.5	Conclusion
1000 to 3000	54.00	74.00	See Figure A.1.47.	P
3000 to 18000	54.00	74.00	See Figure A.1.48.	
18000 to 26500	54.00	74.00	See Figure A.1.49.	
26500 to 40000	54.00	74.00	See Figure A.1.50.	

Data Transfer: PC TO EUT

Frequency range (MHz)	Quasi-Peak Limit (dBμV/m)	Result (dBμV/m) UT07aa/Set.3	Conclusion
30-88	40.00	See Figure A.1.51.	P
88-216	43.52		
216-960	46.02		
960-1000	54.00		

Frequency range (MHz)	Average Limit (dBμV/m)	Peak Limit (dBμV/m)	Result (dBμV/m) UT07aa/Set.3	Conclusion
1000 to 3000	54.00	74.00	See Figure A.1.52.	P
3000 to 18000	54.00	74.00	See Figure A.1.53.	
18000 to 26500	54.00	74.00	See Figure A.1.54.	
26500 to 40000	54.00	74.00	See Figure A.1.55.	

Data Transfer: PC TO TF Card

Frequency range (MHz)	Quasi-Peak Limit (dBμV/m)	Result (dBμV/m) UT07aa/Set.3	Conclusion
30-88	40.00	See Figure A.1.56.	P
88-216	43.52		
216-960	46.02		
960-1000	54.00		

Frequency range (MHz)	Average Limit (dBμV/m)	Peak Limit (dBμV/m)	Result (dBμV/m) UT07aa/Set.3	Conclusion
1000 to 3000	54.00	74.00	See Figure A.1.57.	P
3000 to 18000	54.00	74.00	See Figure A.1.58.	
18000 to 26500	54.00	74.00	See Figure A.1.59.	
26500 to 40000	54.00	74.00	See Figure A.1.60.	

Data Transfer: EUT TO PC

Frequency range (MHz)	Quasi-Peak Limit (dBμV/m)	Result (dBμV/m) UT07aa/Set.3	Conclusion
30-88	40.00	See Figure A.1.61.	P
88-216	43.52		
216-960	46.02		
960-1000	54.00		

Frequency range (MHz)	Average Limit (dBμV/m)	Peak Limit (dBμV/m)	Result (dBμV/m) UT07aa/Set.3	Conclusion
1000 to 3000	54.00	74.00	See Figure A.1.62.	P
3000 to 18000	54.00	74.00	See Figure A.1.63.	
18000 to 26500	54.00	74.00	See Figure A.1.64.	
26500 to 40000	54.00	74.00	See Figure A.1.65.	

Data Transfer: TF Card TO PC

Frequency range (MHz)	Quasi-Peak Limit (dBμV/m)	Result (dBμV/m) UT07aa/Set.3	Conclusion
30-88	40.00	See Figure A.1.66.	P
88-216	43.52		
216-960	46.02		
960-1000	54.00		

Frequency range (MHz)	Average Limit (dBμV/m)	Peak Limit (dBμV/m)	Result (dBμV/m) UT07aa/Set.3	Conclusion
1000 to 3000	54.00	74.00	See Figure A.1.67.	P
3000 to 18000	54.00	74.00	See Figure A.1.68.	
18000 to 26500	54.00	74.00	See Figure A.1.69.	
26500 to 40000	54.00	74.00	See Figure A.1.70.	

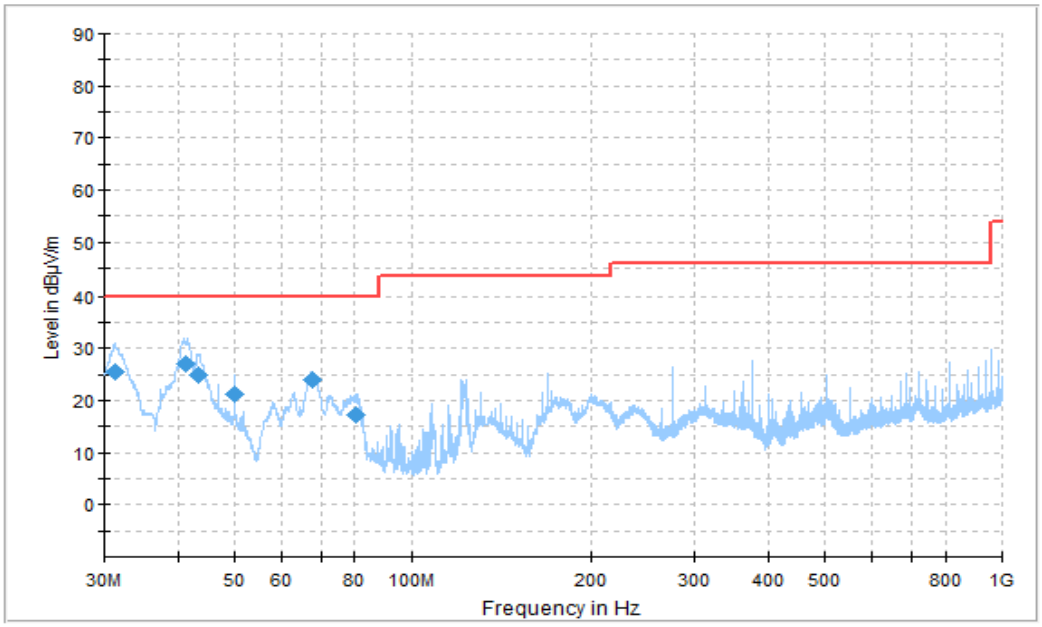


Figure A.1.1. Radiated Emission (Camera, 30MHz to 1GHz)

Final_Results

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	ARpl (dB/m)	P_{Mea} (dBµV)
31.193333	25.58	40.00	14.42	V	-25.3	50.88
41.364444	27.04	40.00	12.96	V	-29.9	56.94
43.238333	24.80	40.00	15.20	V	-31.5	56.30
49.972778	21.13	40.00	18.87	V	-36.5	57.63
67.525000	24.01	40.00	15.99	V	-34.7	58.71
80.567778	17.26	40.00	22.74	V	-33.5	50.76

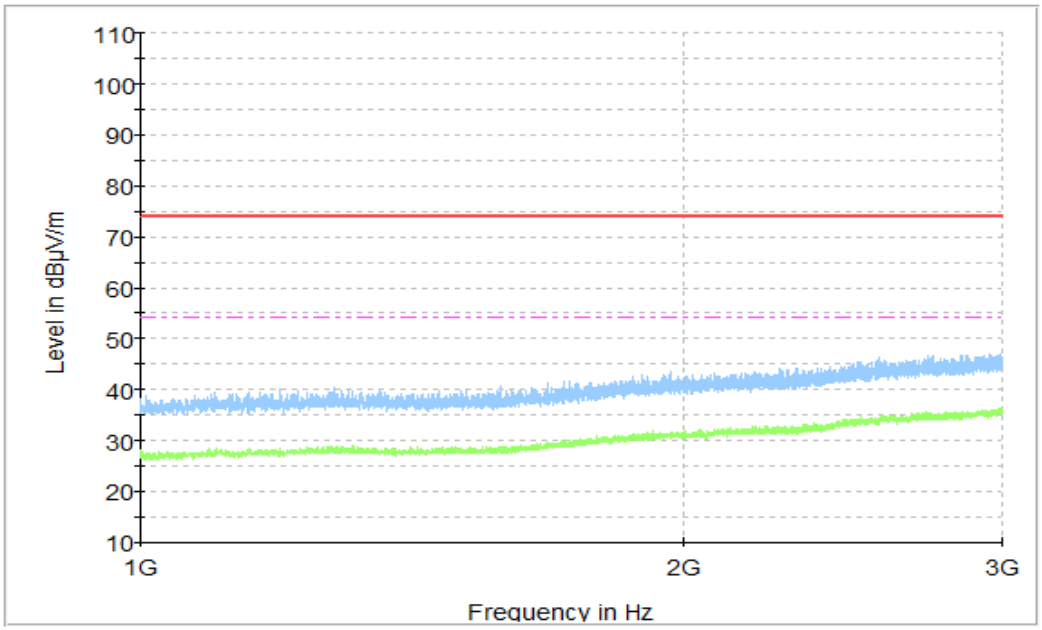


Figure A.1.2. Radiated Emission (Camera, 1GHz to 3GHz)

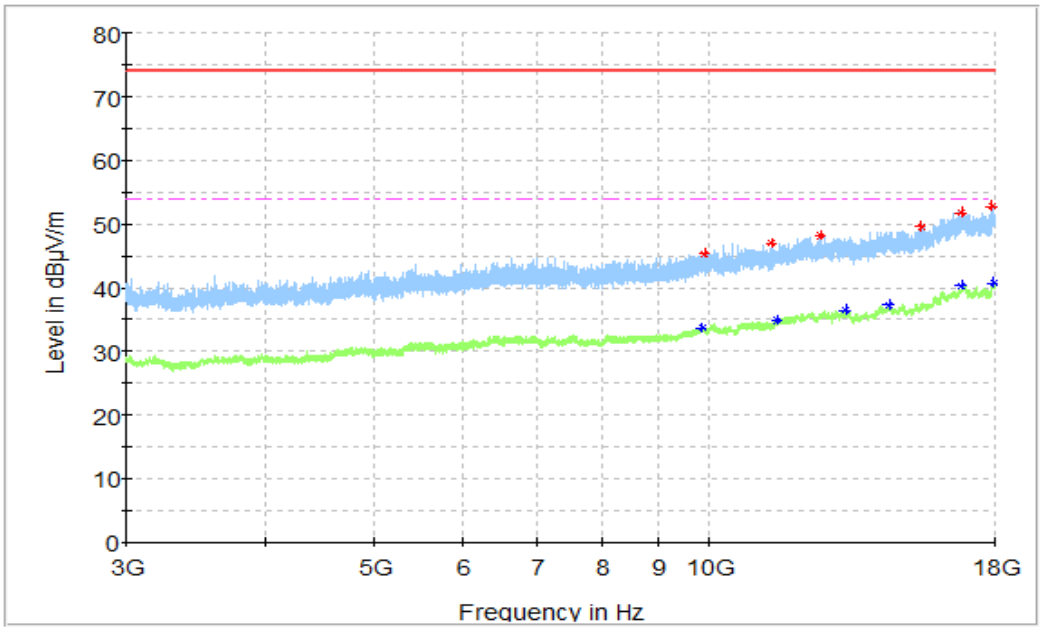


Figure A.1.3. Radiated Emission (Camera, 3GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P_{Mea} (dBµV)
9894.500000	45.35	74.00	28.65	V	5.3	40.05
11360.000000	47.02	74.00	26.98	H	6.5	40.52
12584.500000	48.26	74.00	25.74	V	8.6	39.66
15459.000000	49.51	74.00	24.49	V	12.6	36.91
16826.500000	51.85	74.00	22.15	H	15.8	36.05
17906.000000	52.74	74.00	21.26	V	17.2	35.54

Final_Results_AVG

Frequency(MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P_{Mea} (dBµV)
9833.500000	33.68	54.00	20.32	H	5.0	28.68
11494.500000	34.86	54.00	19.14	H	6.9	27.96
13219.000000	36.44	54.00	17.56	H	9.8	26.64
14461.500000	37.38	54.00	16.62	V	11.8	25.58
16811.500000	40.26	54.00	13.74	H	15.9	24.36
17944.000000	40.76	54.00	13.24	V	17.3	23.46

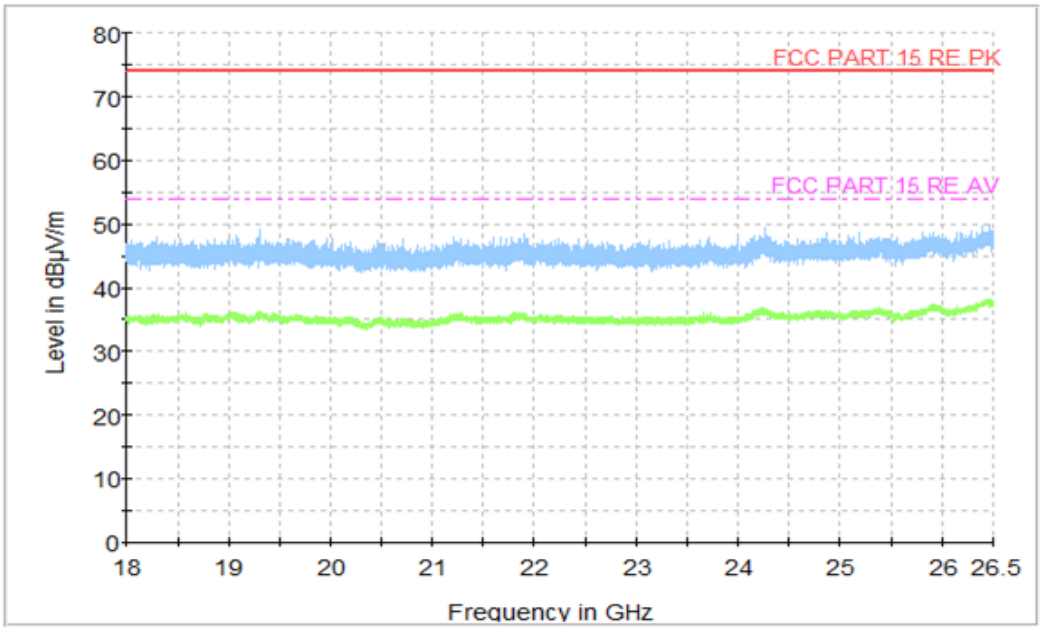


Figure A.1.4. Radiated Emission (Camera, 18GHz to 26.5GHz)

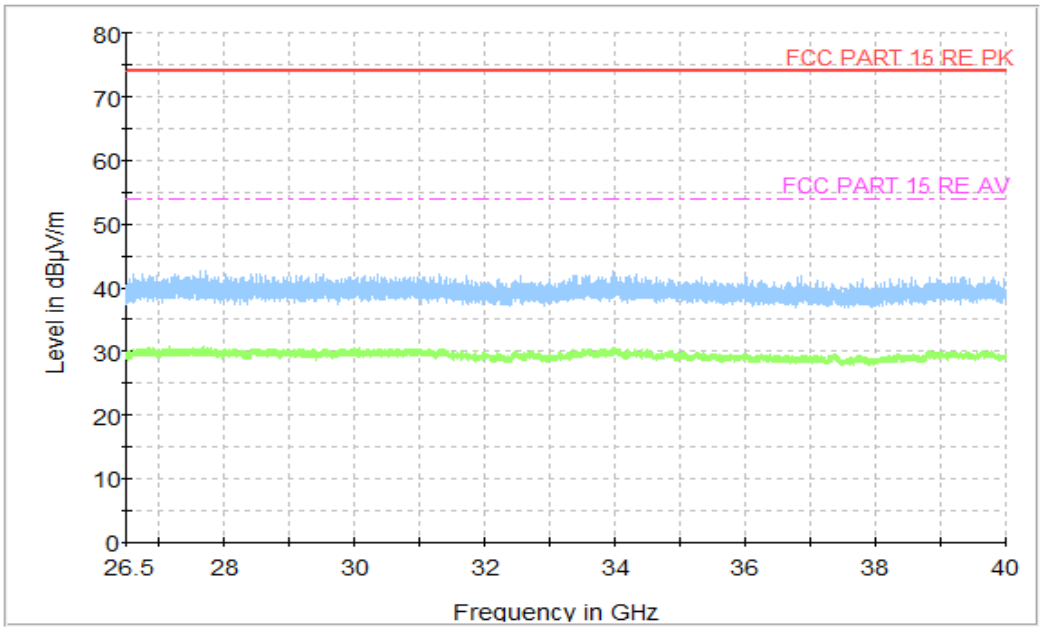


Figure A.1.5. Radiated Emission (Camera, 26.5GHz to 40GHz)

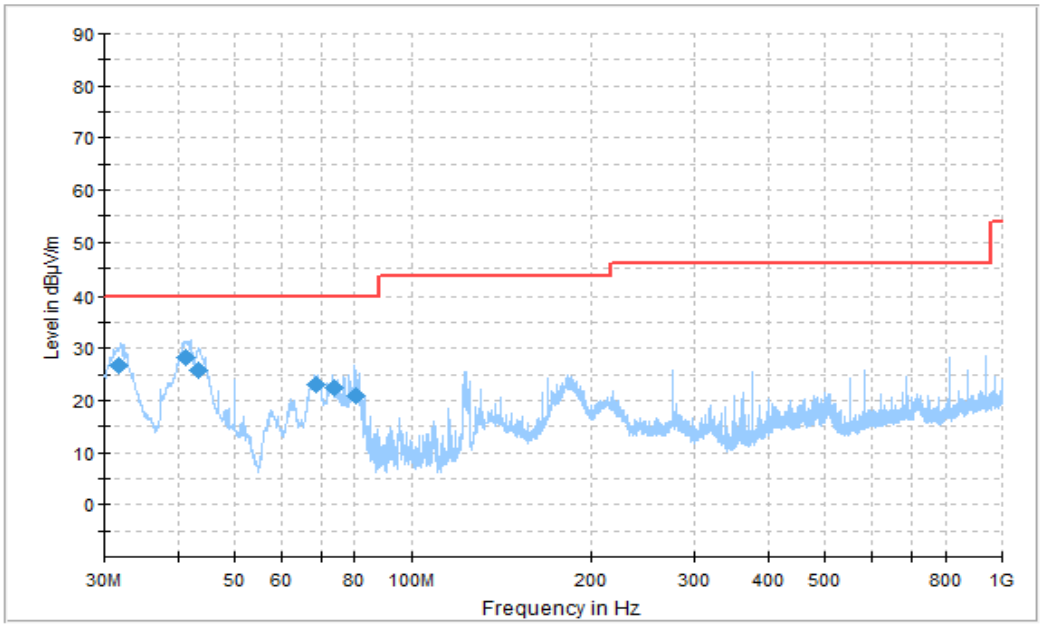


Figure A.1.6. Radiated Emission (Video Player, 30MHz to 1GHz)

Final_Results

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	ARpl (dB/m)	P_{Mea} (dBµV)
31.773889	26.84	40.00	13.16	V	-25.6	52.44
41.401111	28.36	40.00	11.64	V	-29.9	58.26
43.250556	25.70	40.00	14.30	V	-31.5	57.20
68.562778	23.02	40.00	16.98	V	-34.5	57.52
73.506667	22.56	40.00	17.44	V	-33.7	56.26
80.095000	21.04	40.00	18.96	V	-33.5	54.54

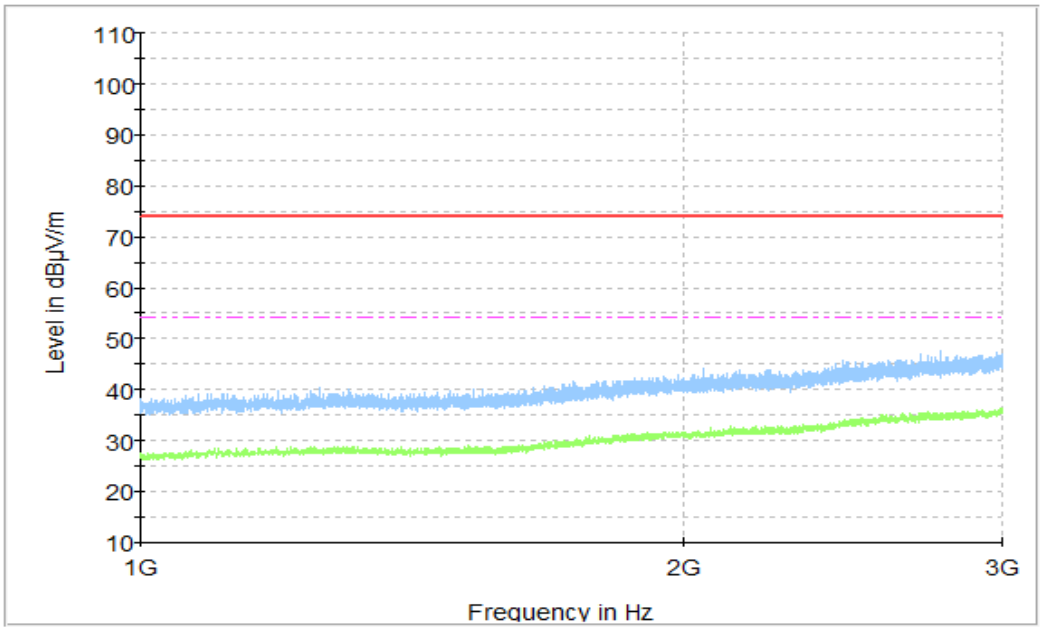


Figure A.1.7. Radiated Emission (Video Player, 1GHz to 3GHz)

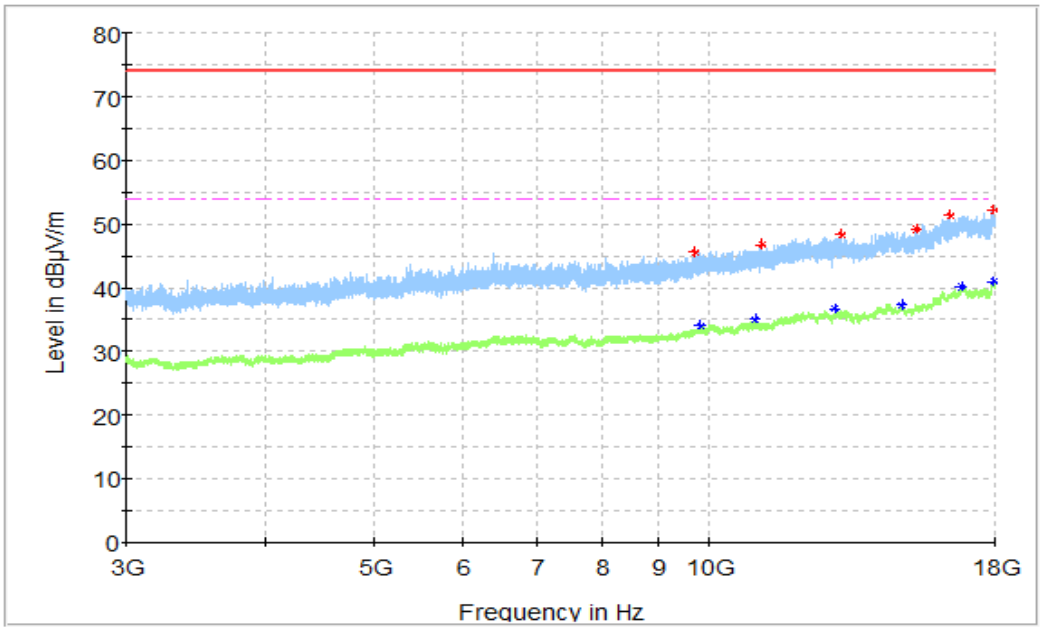


Figure A.1.8. Radiated Emission (Video Player, 3GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P_{Mea} (dBµV)
9690.000000	45.46	74.00	28.54	V	4.7	40.76
11119.000000	46.80	74.00	27.20	V	5.8	41
13126.500000	48.32	74.00	25.68	V	9.8	38.52
15299.000000	49.16	74.00	24.84	H	12.2	36.96
16409.000000	51.32	74.00	22.68	V	14.9	36.42
17921.500000	52.24	74.00	21.76	H	16.9	35.34

Final_Results_AVG

Frequency(MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P_{Mea} (dBµV)
9822.000000	33.97	54.00	20.03	H	5.1	28.87
10973.500000	35.00	54.00	19.00	H	6.6	28.4
12967.500000	36.58	54.00	17.42	V	9.4	27.18
14855.500000	37.35	54.00	16.65	H	11.5	25.85
16802.000000	40.03	54.00	13.97	H	15.7	24.33
17948.500000	40.86	54.00	13.14	H	17.2	23.66

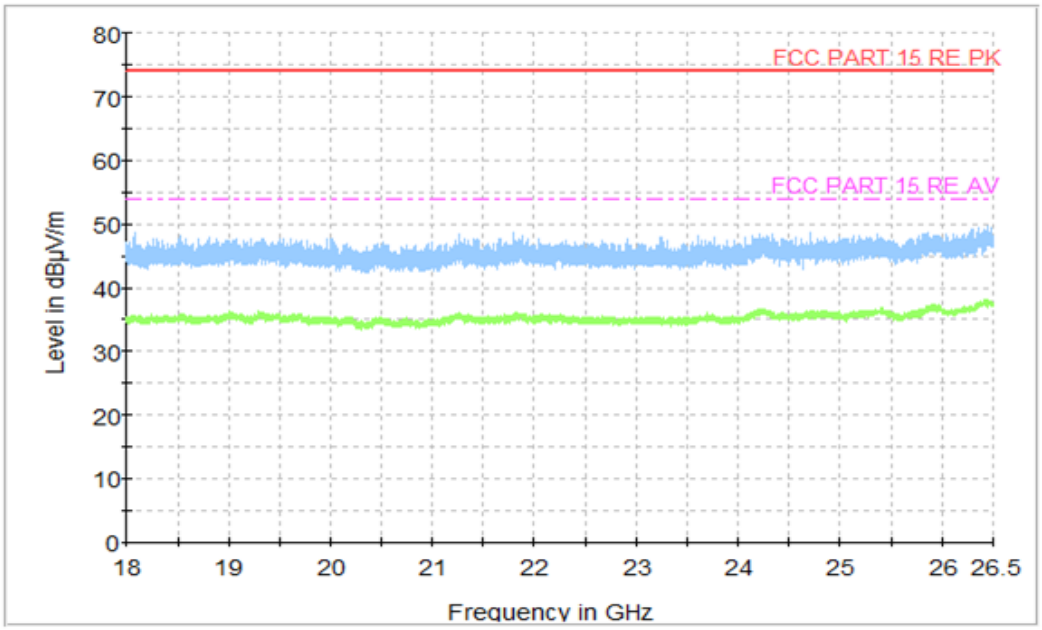


Figure A.1.9. Radiated Emission (Video Player, 18GHz to 26.5GHz)

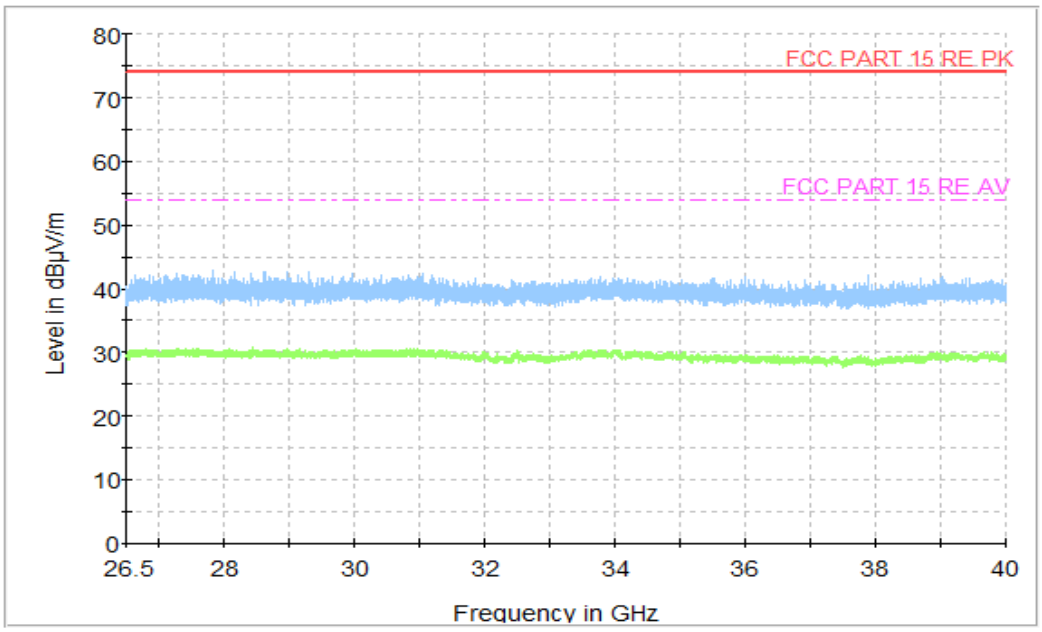


Figure A.1.10. Radiated Emission (Video Player, 26.5GHz to 40GHz)

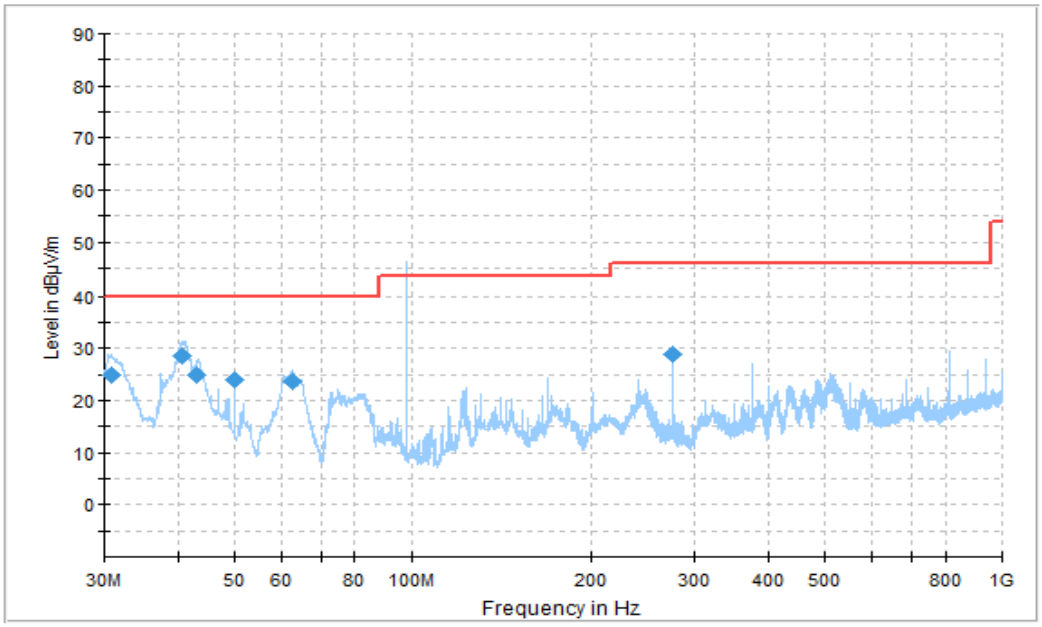


Figure A.1.11. Radiated Emission (FM receiver, 30MHz to 1GHz)

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

Final_Results

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	ARpl (dB/m)	P_{Mea} (dBµV)
30.774444	24.80	40.00	15.20	V	-24.9	49.70
40.583889	28.64	40.00	11.36	V	-29.5	58.14
43.172222	25.00	40.00	15.00	V	-31.5	56.50
49.998889	24.08	40.00	15.92	V	-36.5	60.58
62.502778	23.56	40.00	16.44	V	-35.8	59.36
276.238333	28.92	46.00	17.08	H	-30.4	59.32

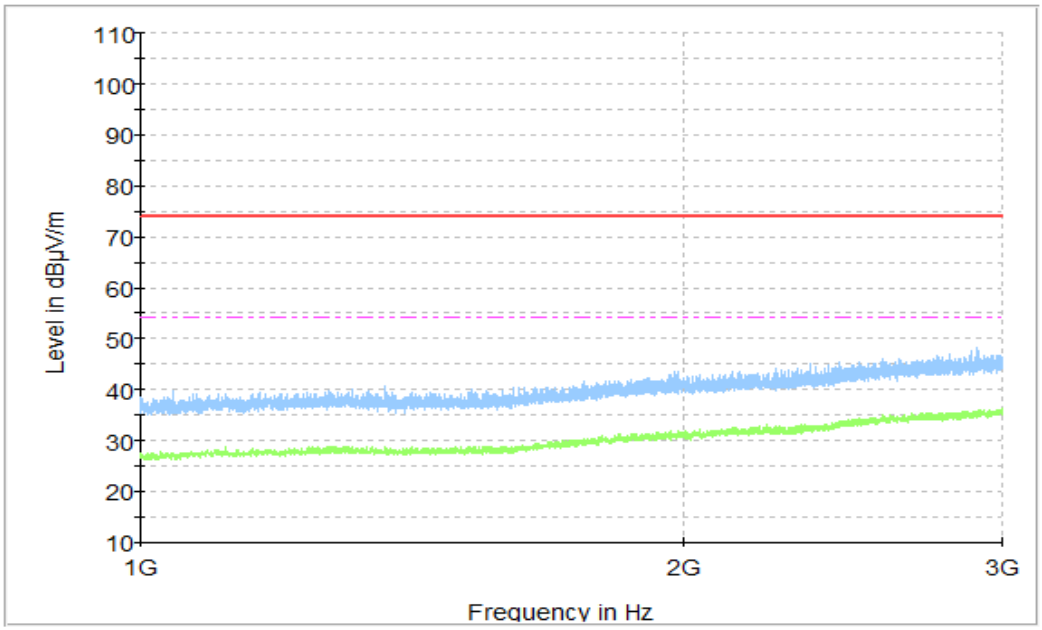


Figure A.1.12. Radiated Emission (FM receiver, 1GHz to 3GHz)

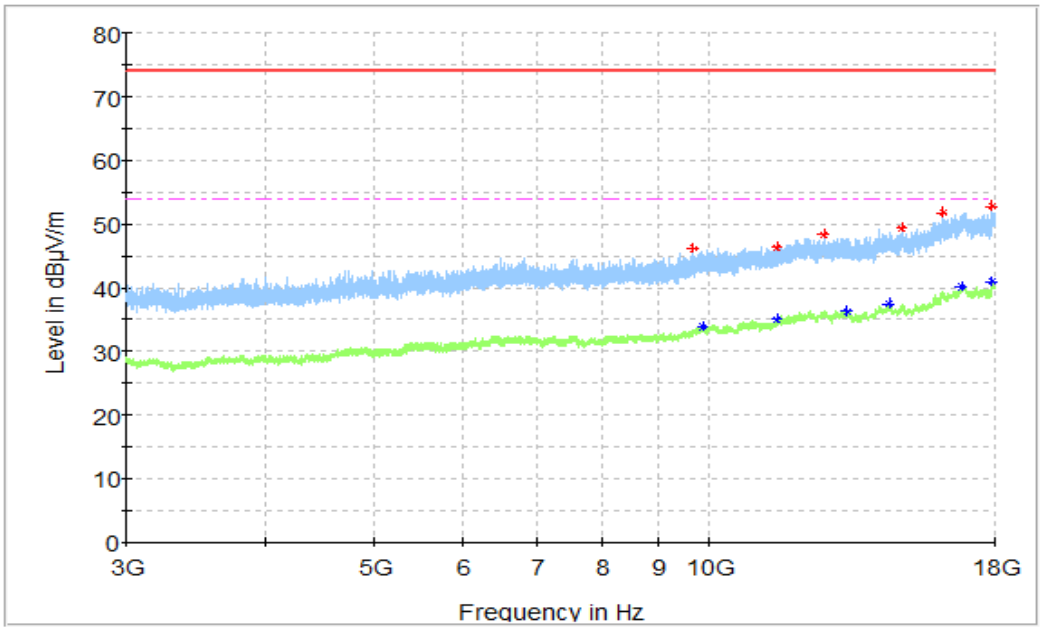


Figure A.1.13. Radiated Emission (FM receiver, 3GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P_{Mea} (dBµV)
9661.500000	46.22	74.00	27.78	V	4.6	41.62
11485.500000	46.40	74.00	27.60	H	6.9	39.5
12631.500000	48.34	74.00	25.66	H	8.7	39.64
14865.500000	49.36	74.00	24.64	H	11.6	37.76
16168.500000	51.70	74.00	22.30	V	14.9	36.8
17912.500000	52.77	74.00	21.23	H	17.3	35.47

Final_Results_AVG

Frequency(MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P_{Mea} (dBµV)
9858.000000	33.84	54.00	20.16	V	5.3	28.54
11486.500000	35.01	54.00	18.99	H	6.9	28.11
13248.000000	36.34	54.00	17.66	V	9.7	26.64
14462.000000	37.49	54.00	16.51	V	11.8	25.69
16781.000000	40.08	54.00	13.92	H	15.9	24.18
17912.500000	40.95	54.00	13.05	H	17.3	23.65

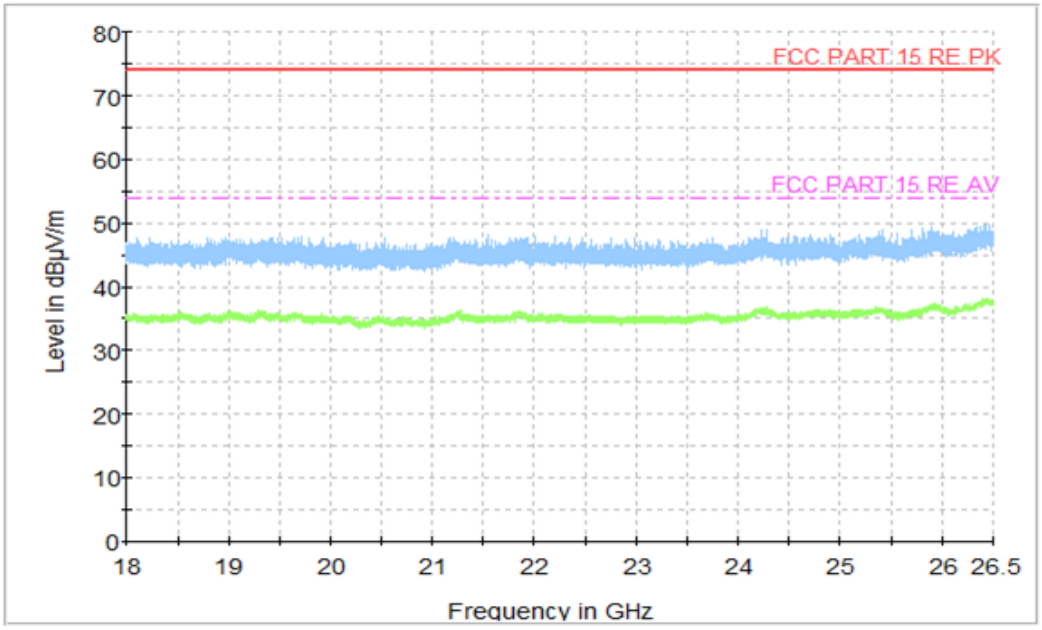


Figure A.1.14. Radiated Emission (FM receiver, 18GHz to 26.5GHz)

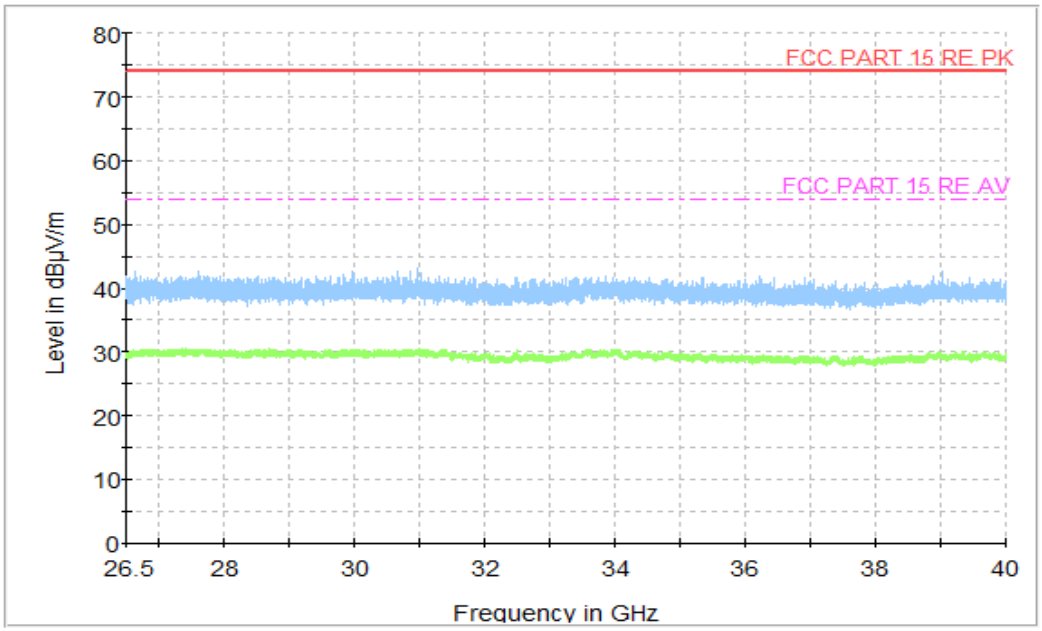


Figure A.1.15. Radiated Emission (FM receiver, 26.5GHz to 40GHz)

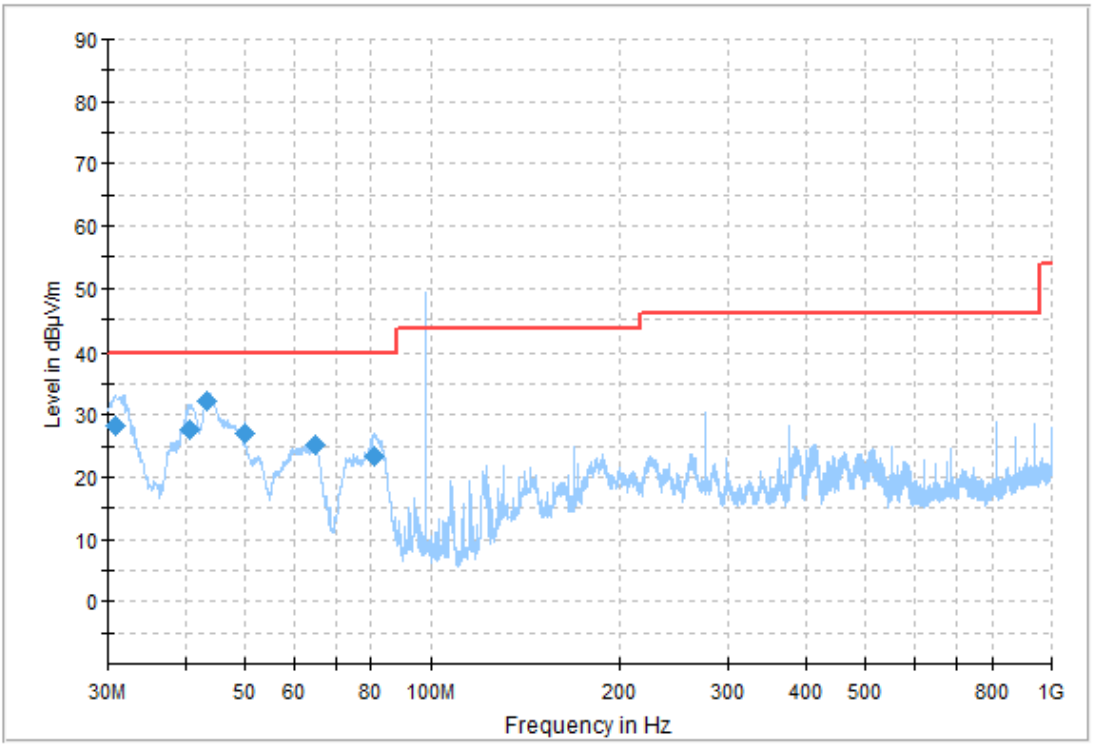


Figure A.1.16. Radiated Emission (FM receiver, 30MHz to 1GHz)

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

Final_Results

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	ARpl (dB/m)	P_{Mea} (dBµV)
30.882222	28.14	40.00	11.86	V	-25.1	53.24
40.608333	27.56	40.00	12.44	V	-29.5	57.06
43.320000	32.06	40.00	7.95	V	-31.6	63.66
49.998889	27.10	40.00	12.90	V	-36.5	63.60
64.915556	25.31	40.00	14.69	V	-35.3	60.61
80.821667	23.39	40.00	16.61	V	-33.5	56.89

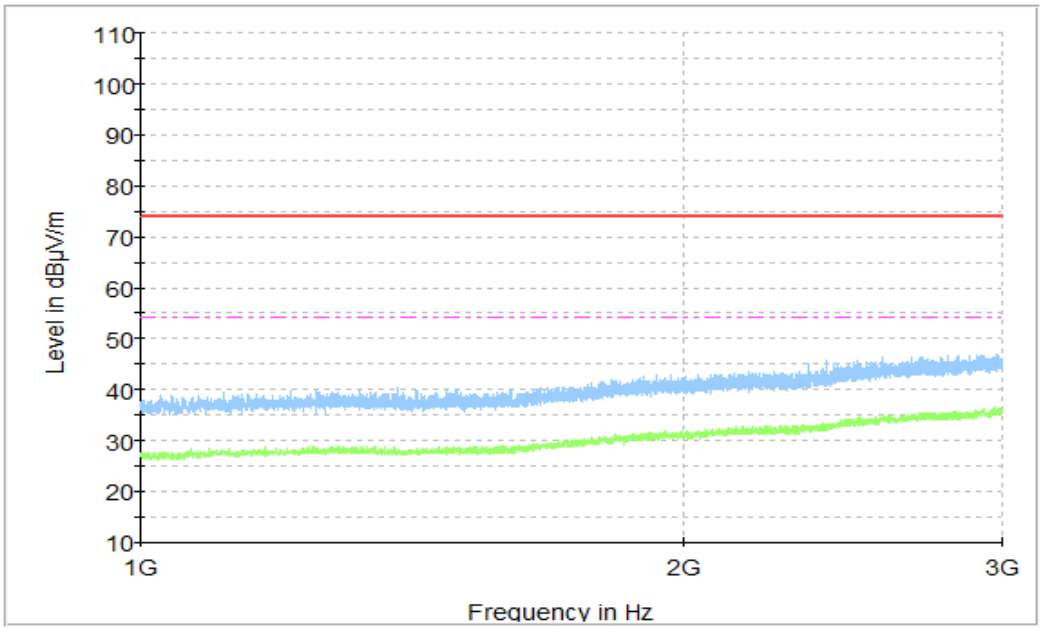


Figure A.1.17. Radiated Emission (FM receiver, 1GHz to 3GHz)

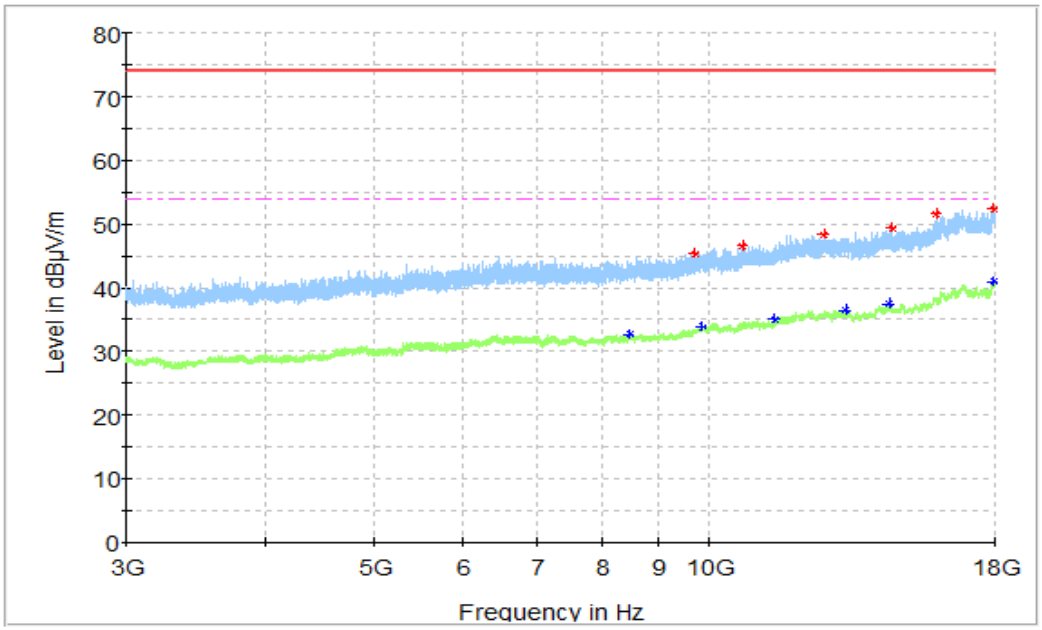


Figure A.1.18. Radiated Emission (FM receiver, 3GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P_{Mea} (dBµV)
9692.500000	45.35	74.00	28.65	H	4.8	40.55
10693.000000	46.58	74.00	27.42	H	6.1	40.48
12657.500000	48.43	74.00	25.57	V	8.7	39.73
14561.000000	49.43	74.00	24.57	V	11.7	37.73
15963.000000	51.64	74.00	22.36	H	14.5	37.14
17957.000000	52.30	74.00	21.70	V	17.0	35.30

Final_Results_AVG

Frequency(MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P_{Mea} (dBµV)
8464.500000	32.69	54.00	21.31	V	3.5	29.19
9834.000000	33.87	54.00	20.13	H	5.0	28.87
11424.500000	35.04	54.00	18.96	H	6.7	28.34
13212.500000	36.52	54.00	17.48	H	9.8	26.72
14457.000000	37.55	54.00	16.45	V	11.7	25.85
17945.000000	40.89	54.00	13.11	V	17.3	23.59

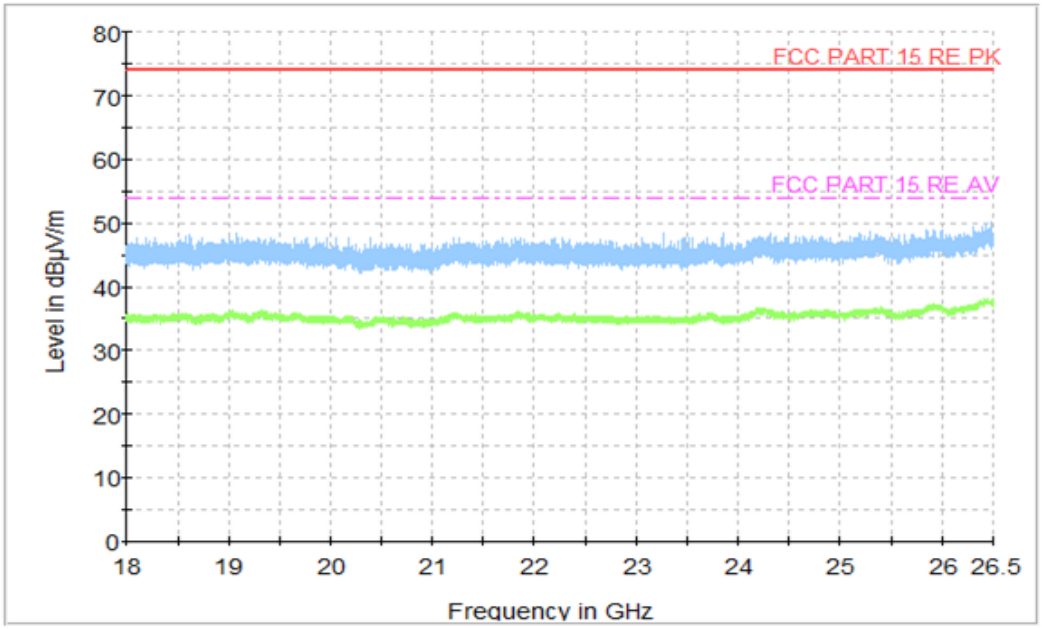


Figure A.1.19. Radiated Emission (FM receiver, 18GHz to 26.5GHz)

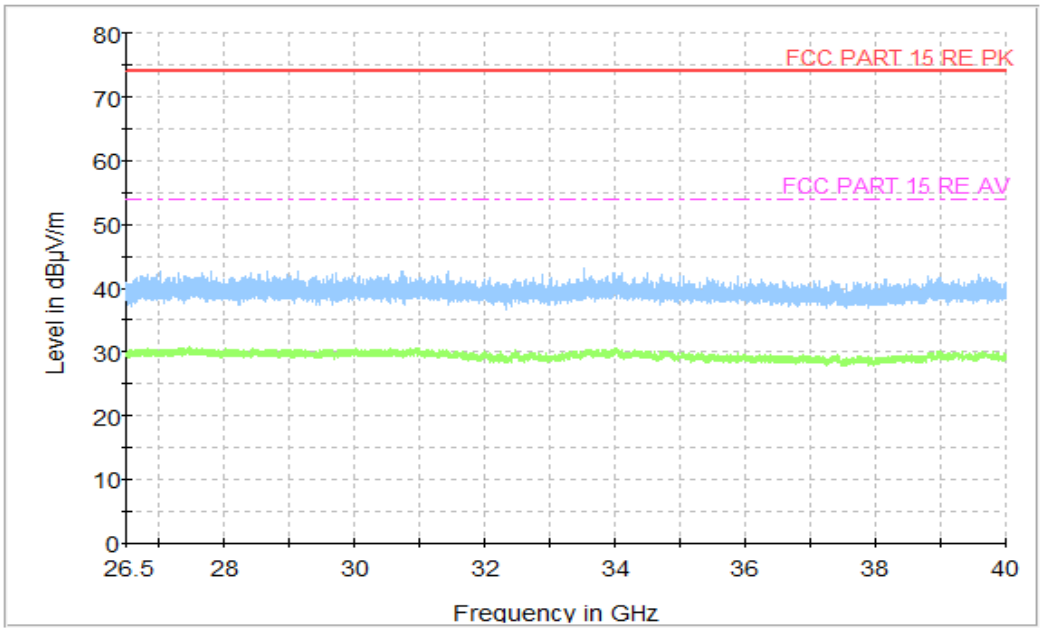


Figure A.1.20. Radiated Emission (FM receiver, 26.5GHz to 40GHz)

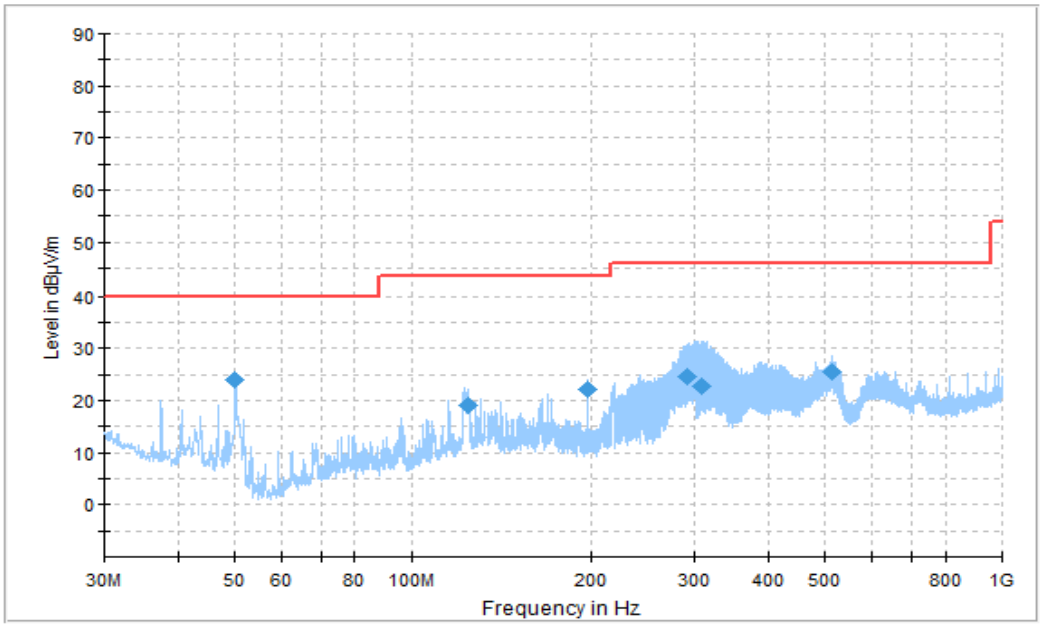


Figure A.1.21. Radiated Emission (Data Transfer: PC TO EUT, 30MHz to 1GHz)

Final_Results

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	ARpl (dB/m)	P_{Mea} (dBµV)
49.998889	**24.05**	**40.00**	**15.95**	V	**-36.5**	60.55
124.852222	**19.14**	**43.50**	**24.36**	V	**-31.6**	50.74
197.654444	**22.07**	**43.50**	**21.43**	V	**-33.2**	55.27
292.394444	**24.60**	**46.00**	**21.40**	H	**-29.5**	54.10
309.287778	**22.61**	**46.00**	**23.39**	H	**-29.2**	51.81
513.983889	**25.60**	**46.00**	**20.40**	H	**-23.0**	48.60

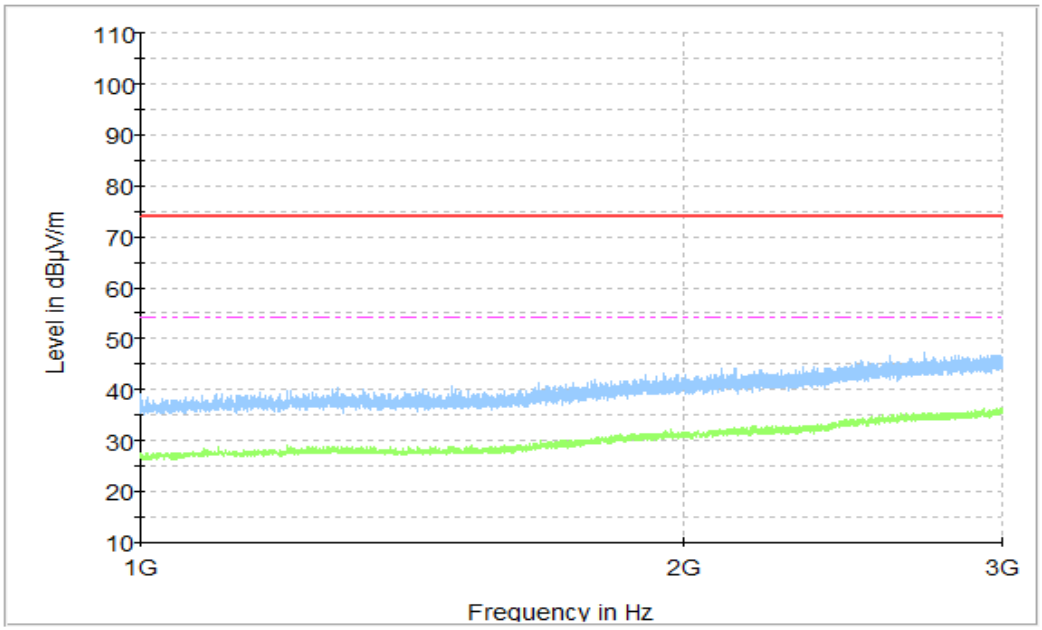


Figure A.1.22. Radiated Emission (Data Transfer: PC TO EUT, 1GHz to 3GHz)

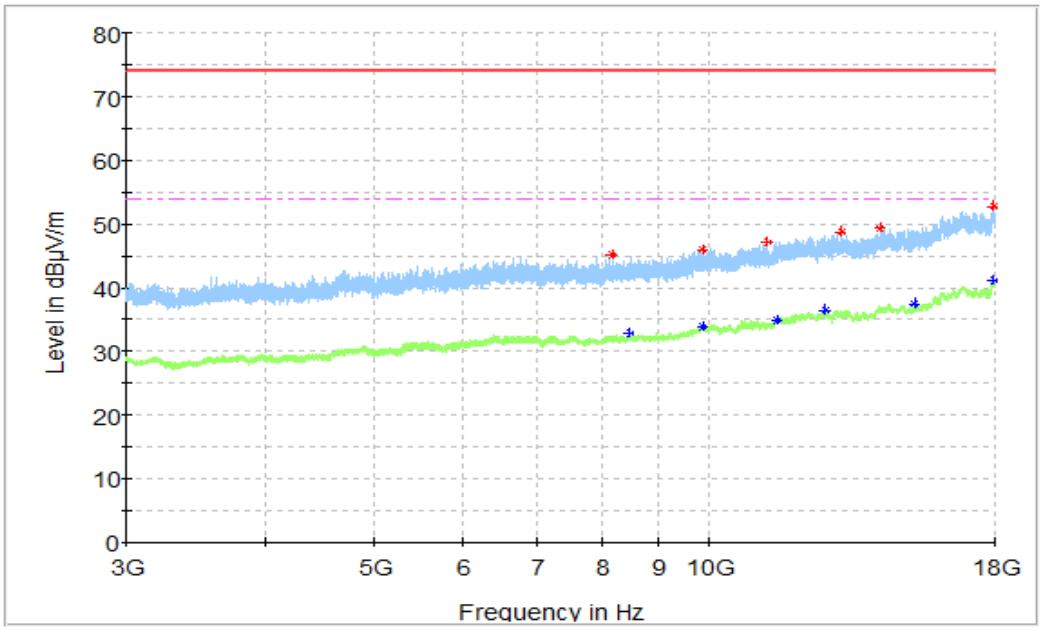


Figure A.1.23. Radiated Emission (Data Transfer: PC TO EUT, 3GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P_{Mea} (dBµV)
8182.500000	45.08	74.00	28.92	V	3.3	41.78
9864.000000	45.85	74.00	28.15	V	5.2	40.65
11237.500000	47.20	74.00	26.80	H	5.9	41.30
13090.000000	48.69	74.00	25.31	H	9.5	39.19
14207.500000	49.45	74.00	24.55	V	11.4	38.05
17935.000000	52.70	74.00	21.30	V	17.0	35.70

Final_Results_AVG

Frequency(MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P_{Mea} (dBµV)
8471.000000	32.86	54.00	21.14	V	3.3	29.56
9877.500000	33.85	54.00	20.15	H	5.3	28.55
11489.000000	34.90	54.00	19.10	H	7.0	27.90
12672.500000	36.55	54.00	17.45	H	9.0	27.55
15279.000000	37.39	54.00	16.61	V	12.0	25.39
17948.000000	41.13	54.00	12.87	V	17.2	23.93

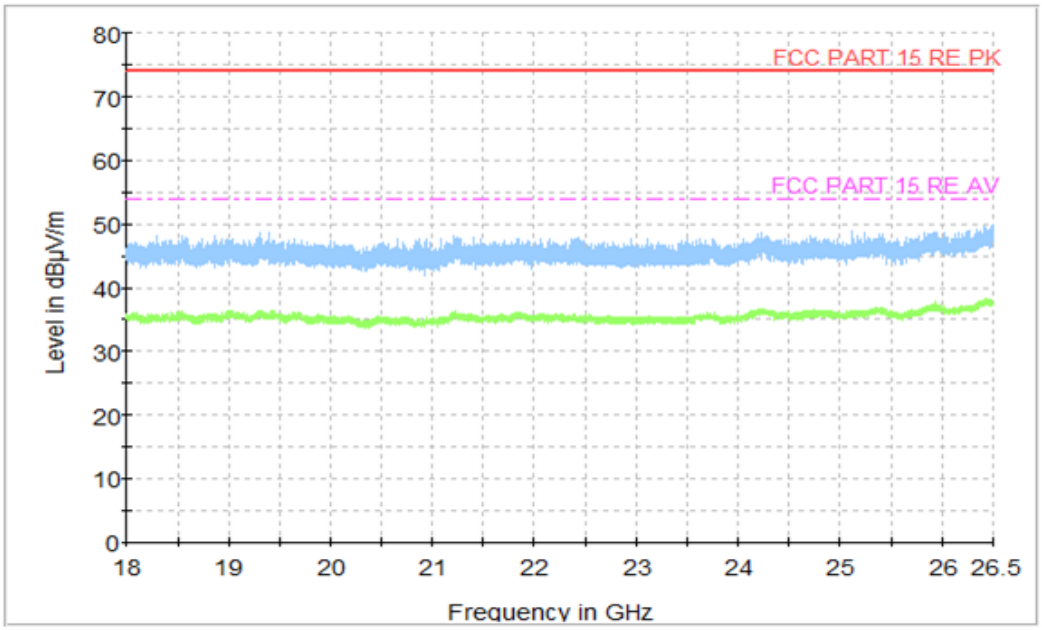


Figure A.1.24. Radiated Emission (Data Transfer: PC TO EUT, 18GHz to 26.5GHz)

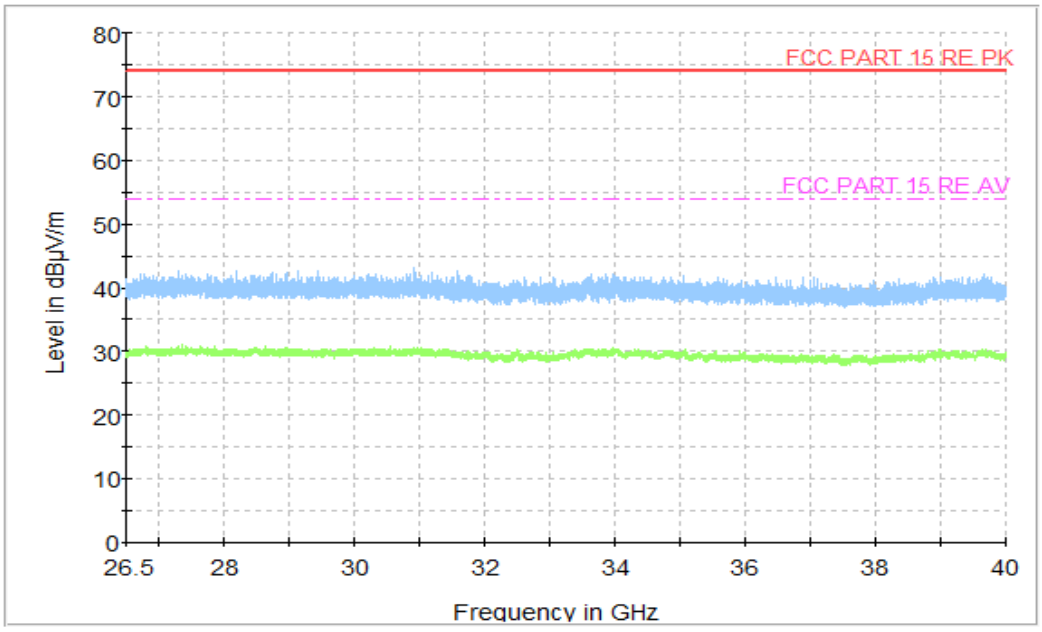


Figure A.1.25. Radiated Emission (Data Transfer: PC TO EUT, 26.5GHz to 40GHz)

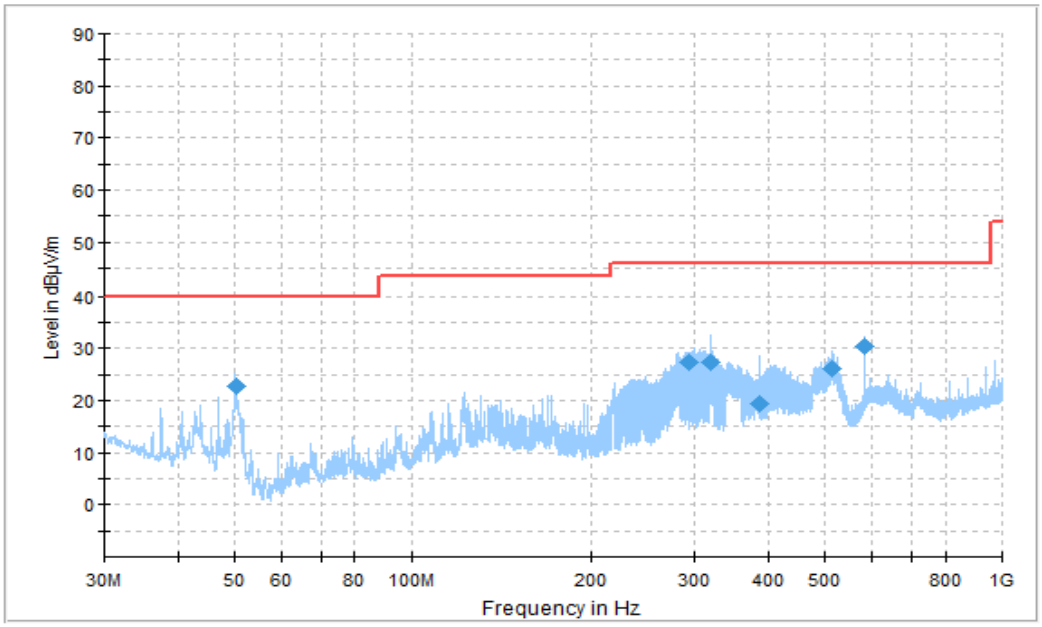


Figure A.1.26. Radiated Emission (Data Transfer: PC TO TF Card, 30MHz to 1GHz)

Final_Results

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	ARpl (dB/m)	P_{Mea} (dBµV)
50.292778	22.78	40.00	17.22	V	-36.7	59.48
292.874444	27.28	46.00	18.72	H	-29.5	56.78
320.183889	27.46	46.00	18.54	H	-28.6	56.06
387.478889	19.28	46.00	26.72	V	-26.5	45.78
515.115556	26.00	46.00	20.00	H	-22.9	48.9
585.021667	30.36	46.00	15.64	H	-21.7	52.06

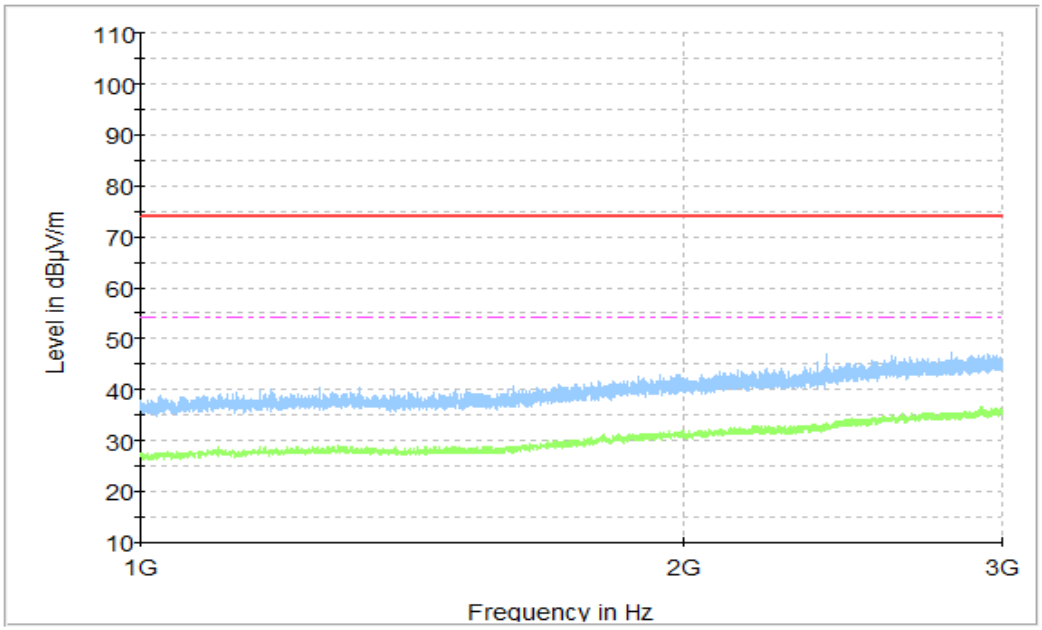


Figure A.1.27. Radiated Emission (Data Transfer: PC TO TF Card, 1GHz to 3GHz)

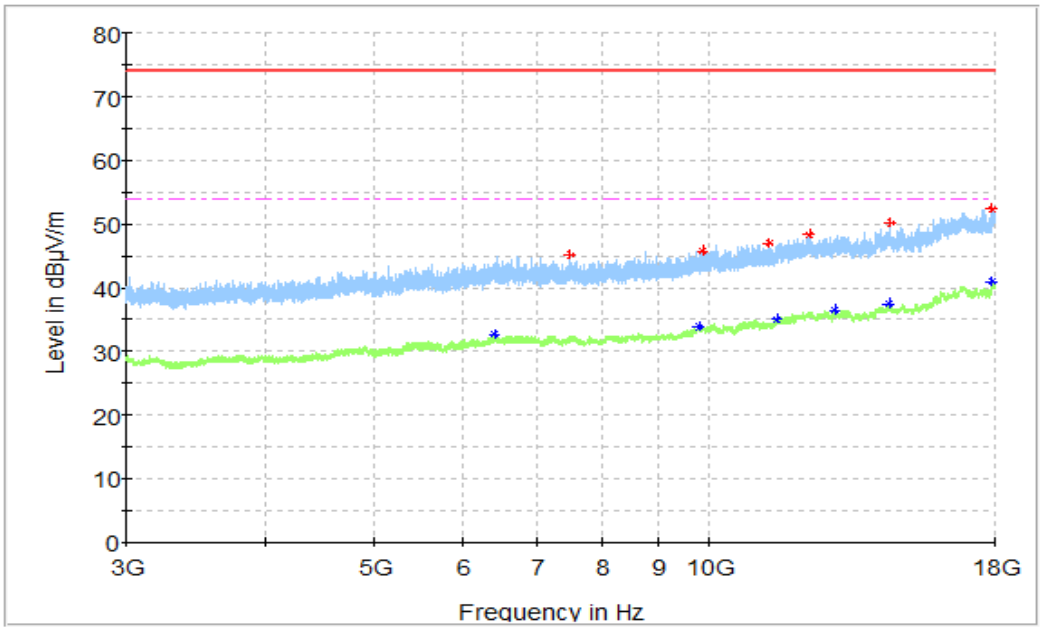


Figure A.1.28. Radiated Emission (Data Transfer: PC TO TF Card, 3GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P_{Mea} (dBµV)
7494.000000	45.14	74.00	28.86	V	2.6	42.54
9866.000000	45.73	74.00	28.27	V	5.2	40.53
11271.500000	46.97	74.00	27.03	H	6.1	40.87
12272.500000	48.35	74.00	25.65	H	8.4	39.95
14510.000000	50.15	74.00	23.85	H	11.7	38.45
17908.000000	52.46	74.00	21.54	V	17.4	35.06

Final_Results_AVG

Frequency(MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P_{Mea} (dBµV)
6411.000000	32.61	54.00	21.39	H	2.2	30.41
9789.500000	33.85	54.00	20.15	H	4.9	28.95
11488.500000	35.01	54.00	18.99	V	6.9	28.11
12940.500000	36.44	54.00	17.56	H	9.4	27.04
14457.000000	37.56	54.00	16.44	V	11.7	25.86
17909.000000	40.96	54.00	13.04	V	17.4	23.56

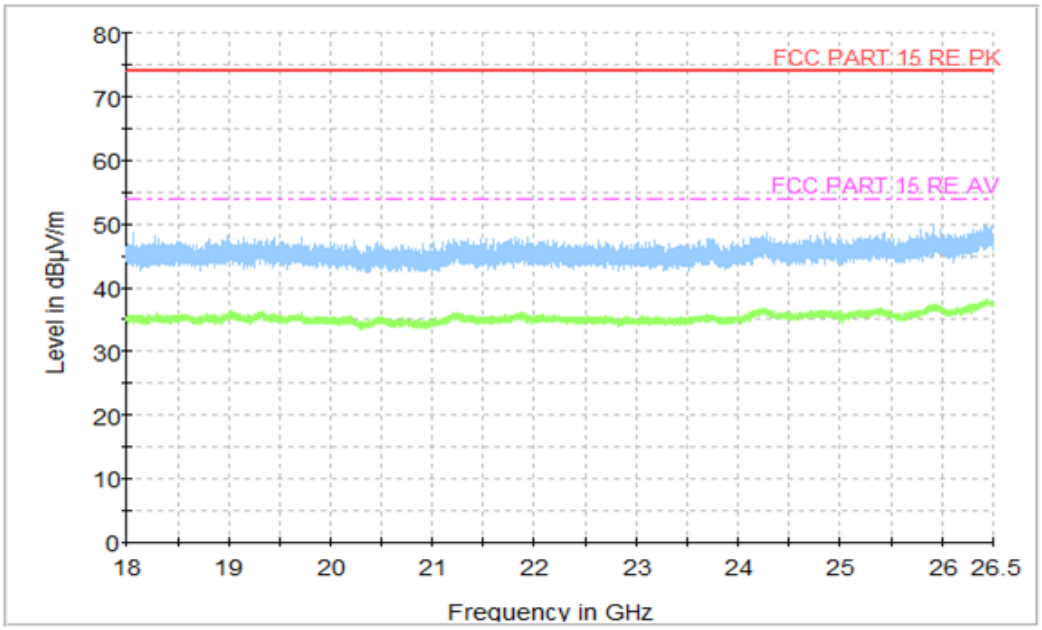


Figure A.1.29. Radiated Emission (Data Transfer: PC TO TF Card, 18GHz to 26.5GHz)

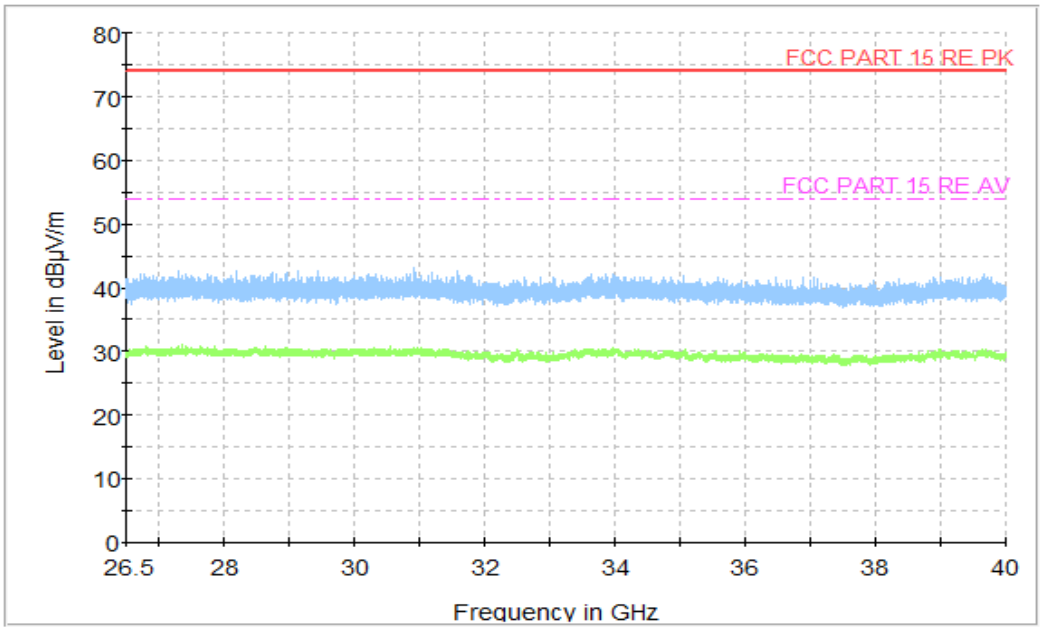


Figure A.1.30. Radiated Emission (Data Transfer: PC TO TF Card, 26.5GHz to 40GHz)

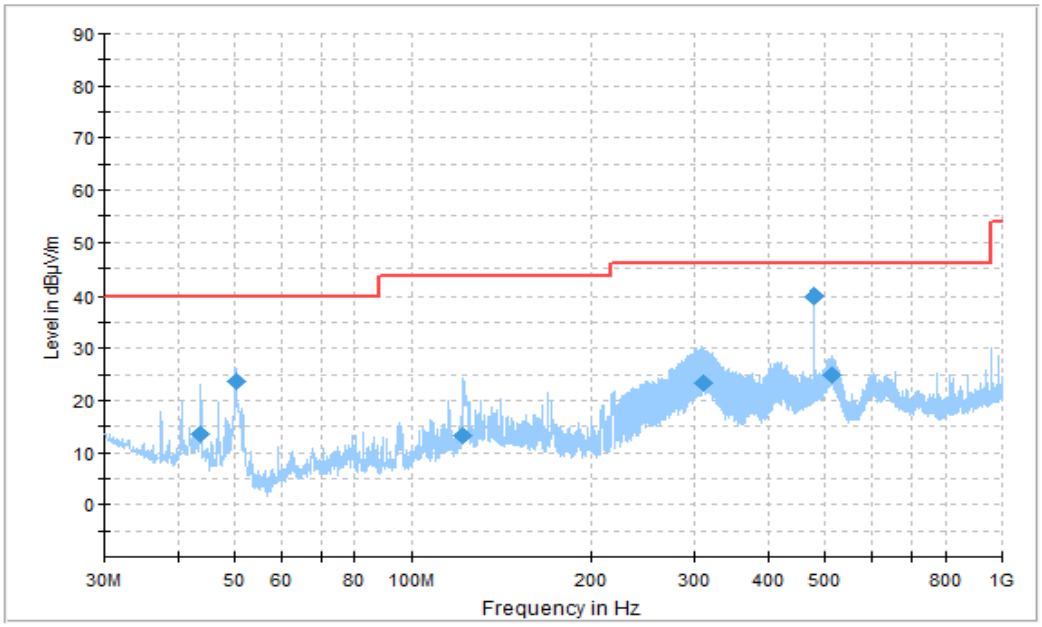


Figure A.1.31. Radiated Emission (Data Transfer: EUT TO PC, 30MHz to 1GHz)

Final_Results

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	ARpl (dB/m)	P_{Mea} (dBµV)
43.747778	13.64	40.00	26.36	V	-31.8	45.44
50.282222	23.71	40.00	16.29	V	-36.7	60.41
122.185556	13.19	43.50	30.31	V	-31.3	44.49
310.822778	23.44	46.00	22.56	H	-29.2	52.64
479.992222	40.00	46.00	6.00	H	-23.8	63.8
513.822222	24.96	46.00	21.04	H	-23.0	47.96

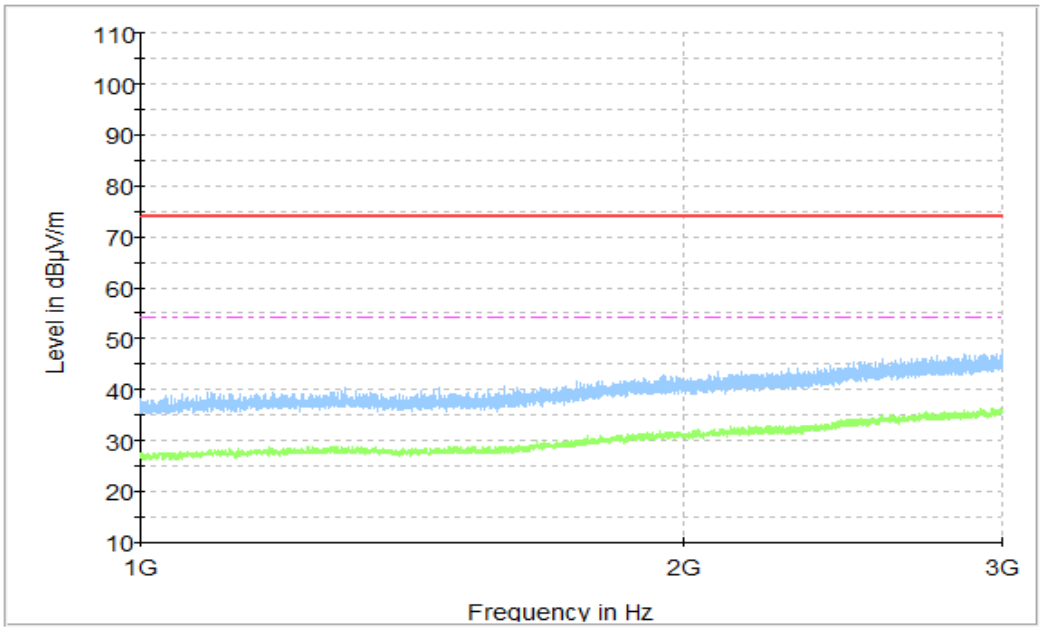


Figure A.1.32. Radiated Emission (Data Transfer: EUT TO PC, 1GHz to 3GHz)

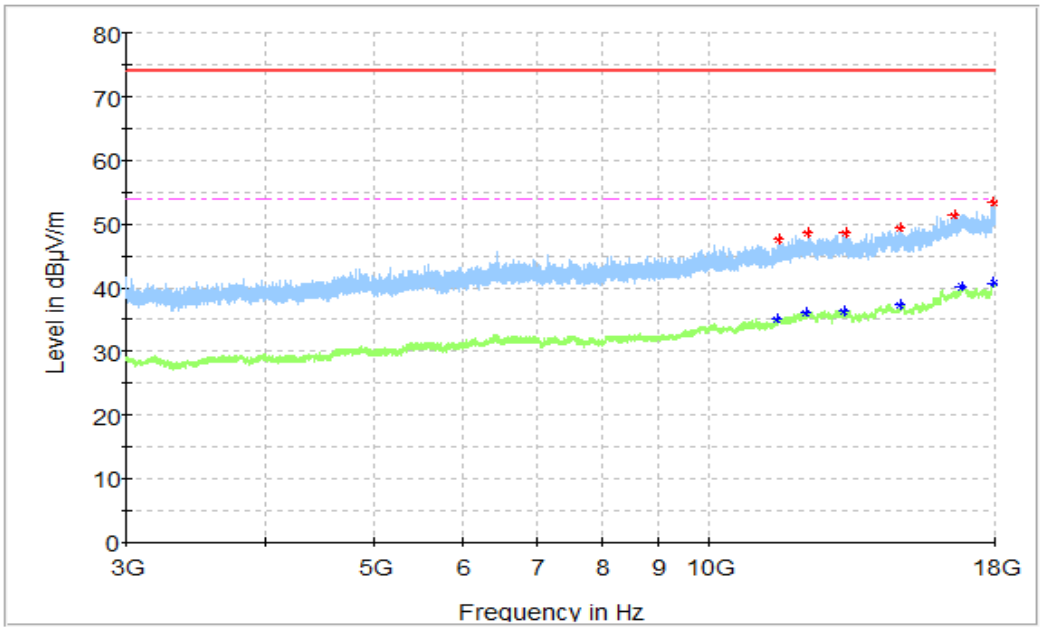


Figure A.1.33. Radiated Emission (Data Transfer: EUT TO PC, 3GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P_{Mea} (dBµV)
11529.500000	47.48	74.00	26.52	V	6.9	40.58
12220.500000	48.48	74.00	25.52	V	8.6	39.88
13216.000000	48.59	74.00	25.41	H	9.9	38.69
14810.500000	49.33	74.00	24.67	H	11.2	38.13
16539.500000	51.48	74.00	22.52	H	15.2	36.28
17930.500000	53.30	74.00	20.70	V	16.8	36.50

Final_Results_AVG

Frequency(MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P_{Mea} (dBµV)
11489.500000	35.06	54.00	18.94	V	7.0	28.06
12216.500000	36.06	54.00	17.94	V	8.6	27.46
13190.000000	36.37	54.00	17.63	H	9.8	26.57
14827.000000	37.26	54.00	16.74	H	11.4	25.86
16782.500000	40.17	54.00	13.83	H	15.9	24.27
17930.500000	40.75	54.00	13.25	H	16.8	23.95

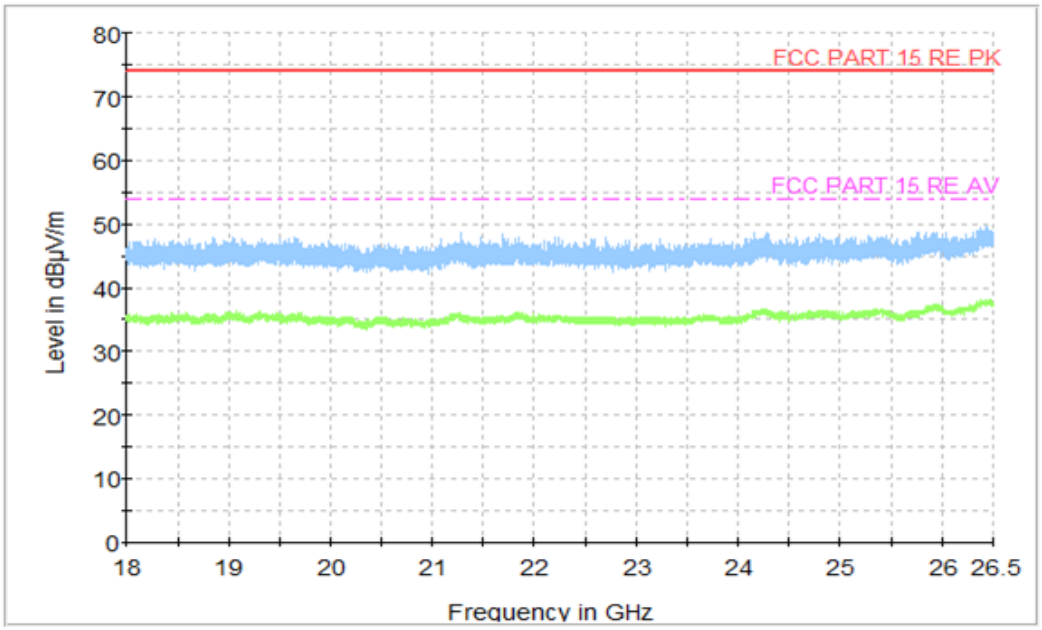


Figure A.1.34. Radiated Emission (Data Transfer: EUT TO PC, 18GHz to 26.5GHz)

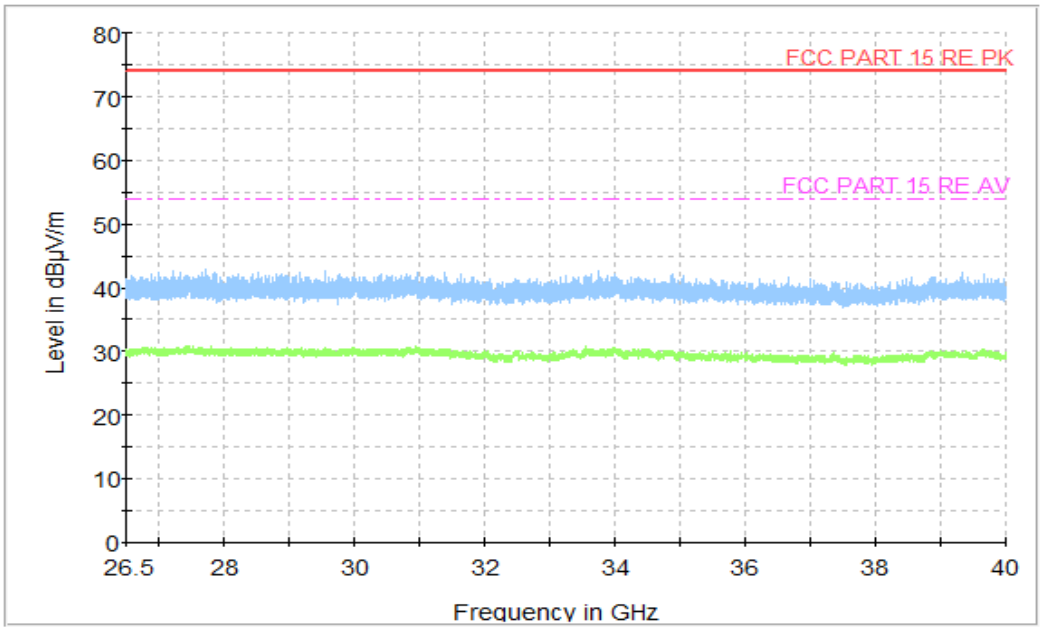


Figure A.1.35. Radiated Emission (Data Transfer: EUT TO PC, 26.5GHz to 40GHz)

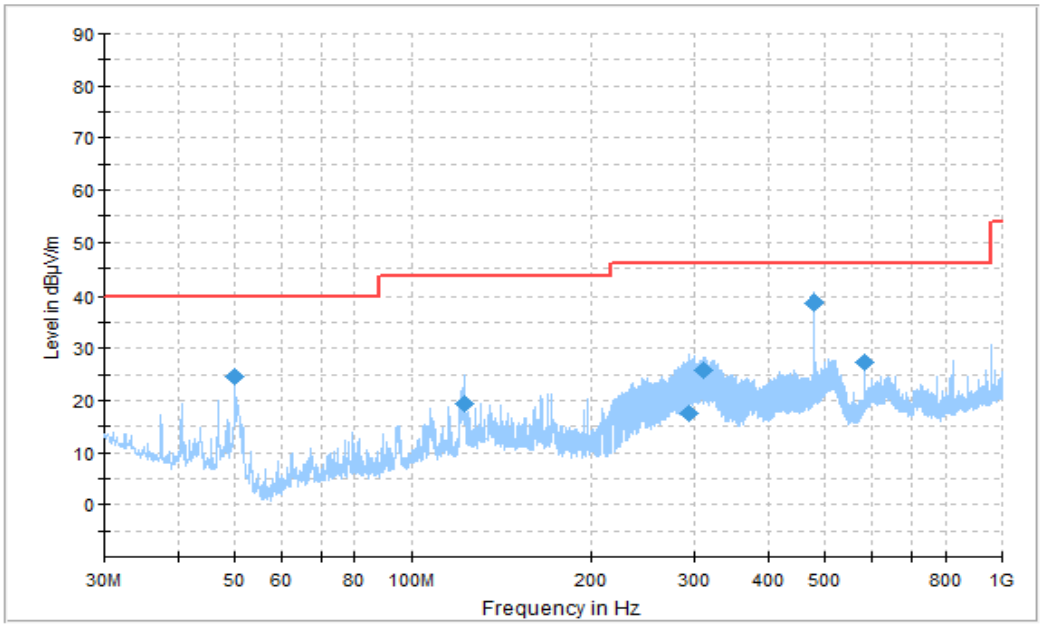


Figure A.1.36. Radiated Emission (Data Transfer: TF Card TO PC, 30MHz to 1GHz)

Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	ARpl (dB/m)	P_{Mea} (dBµV)
50.012778	24.61	40.00	15.39	V	-36.5	61.11
122.644444	19.23	43.50	24.27	V	-31.5	50.73
294.023333	17.52	46.00	28.48	H	-29.5	47.02
311.022778	25.93	46.00	20.07	H	-29.2	55.13
479.992222	38.55	46.00	7.45	H	-23.8	62.35
584.981667	27.18	46.00	18.82	V	-21.7	48.88

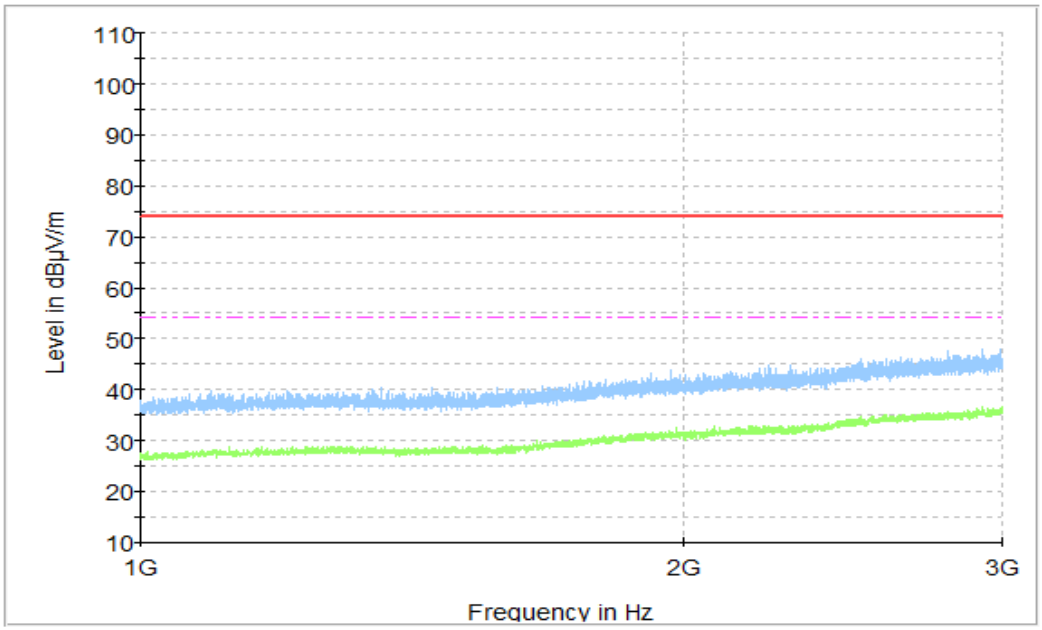


Figure A.1.37. Radiated Emission (Data Transfer: TF Card TO PC, 1GHz to 3GHz)

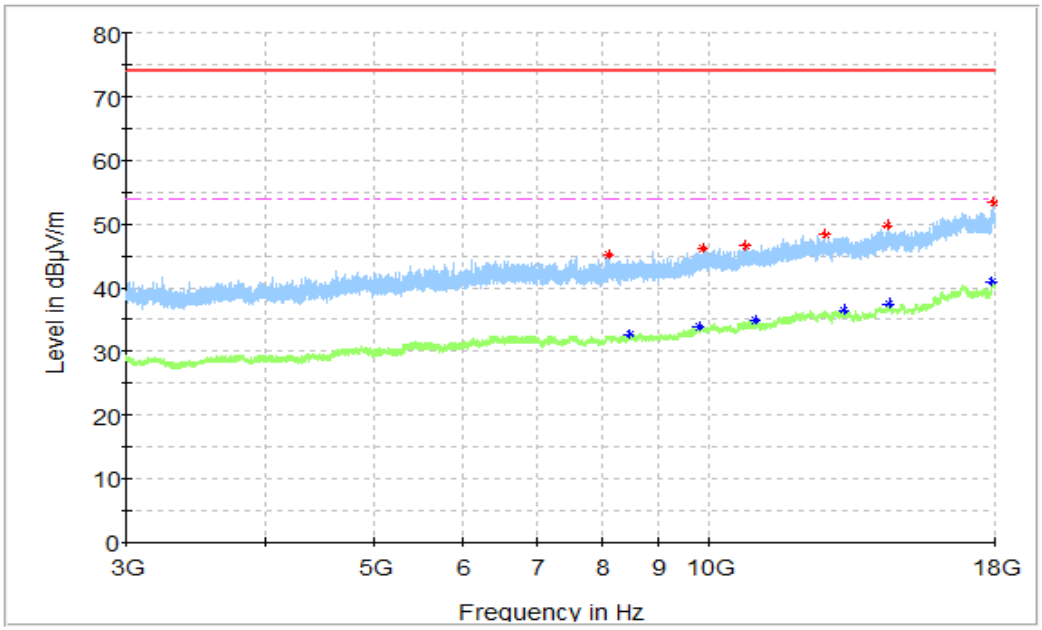


Figure A.1.38. Radiated Emission (Data Transfer: TF Card TO PC, 3GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P_{Mea} (dBµV)
8122.500000	45.13	74.00	28.87	H	3.0	42.13
9872.000000	46.11	74.00	27.89	V	5.2	40.91
10769.500000	46.65	74.00	27.35	V	6.3	40.35
12671.000000	48.34	74.00	25.66	V	9.0	39.34
14435.000000	49.78	74.00	24.22	H	11.5	38.28
17950.000000	53.45	74.00	20.55	V	17.2	36.25

Final_Results_AVG

Frequency(MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P_{Mea} (dBµV)
8467.500000	32.55	54.00	21.45	V	3.4	29.15
9784.000000	33.93	54.00	20.07	V	4.9	29.03
10975.500000	34.92	54.00	19.08	H	6.6	28.32
13192.500000	36.48	54.00	17.52	H	9.7	26.78
14467.500000	37.41	54.00	16.59	H	11.7	25.71
17908.500000	40.88	54.00	13.12	H	17.4	23.48

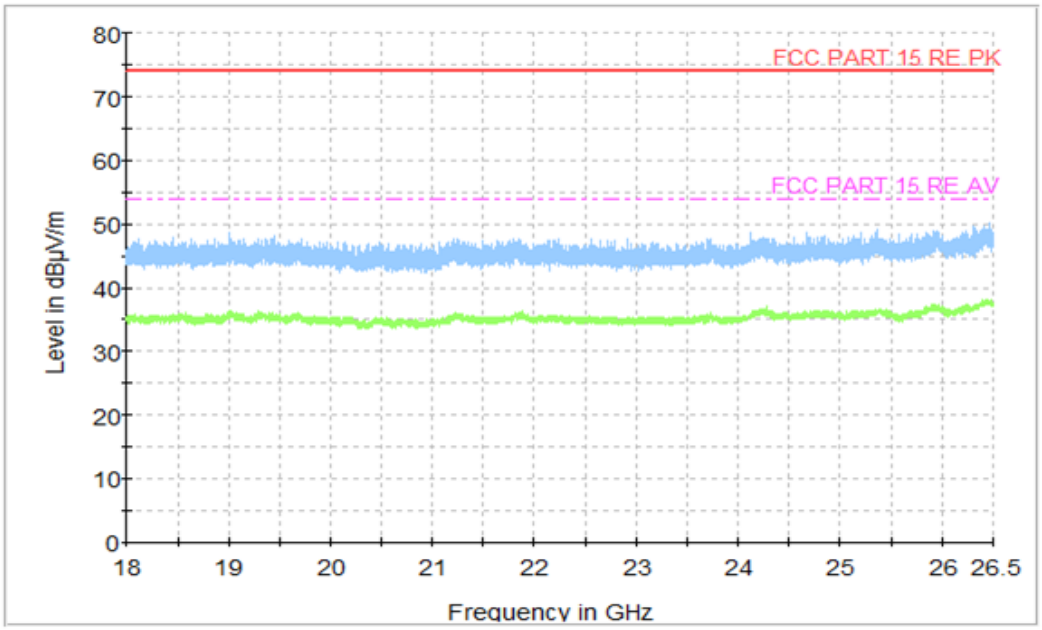


Figure A.1.39. Radiated Emission (Data Transfer: TF Card TO PC, 18GHz to 26.5GHz)

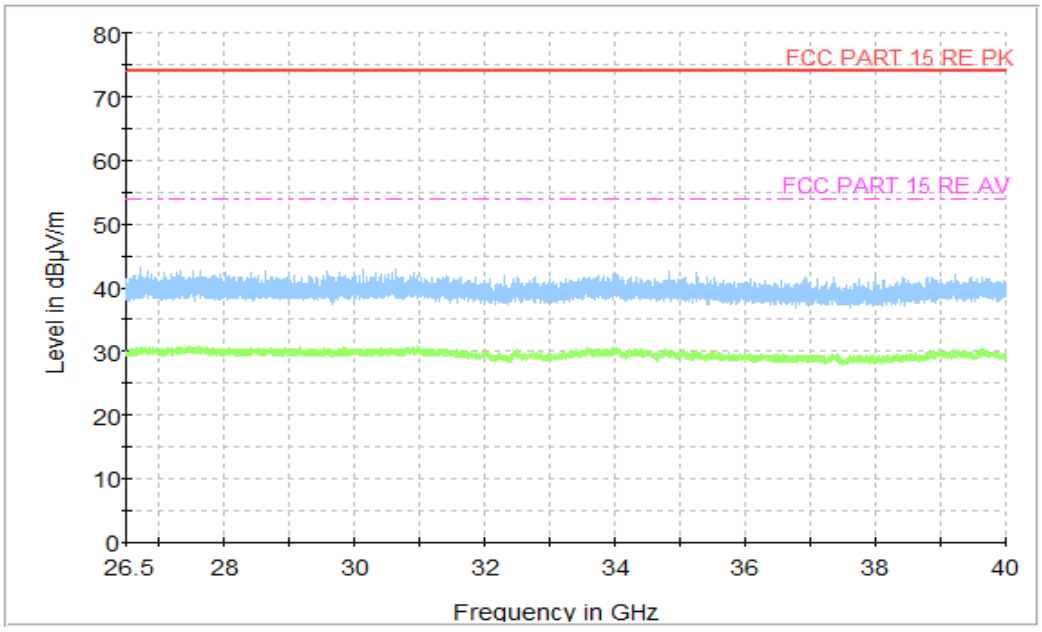


Figure A.1.40. Radiated Emission (Data Transfer: TF Card TO PC, 26.5GHz to 40GHz)

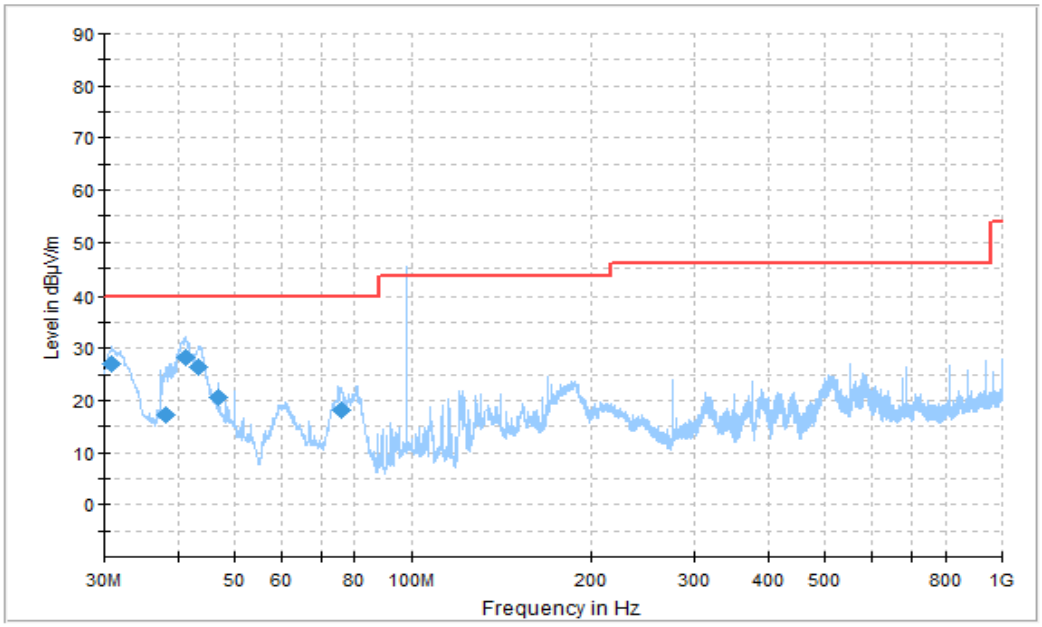


Figure A.1.41. Radiated Emission (FM receiver, 30MHz to 1GHz)

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

Final_Results

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	ARpl (dB/m)	P_{Mea} (dBµV)
30.762222	27.11	40.00	12.89	V	-24.9	52.01
38.251111	17.25	40.00	22.75	V	-28.5	45.75
41.376667	28.20	40.00	11.80	V	-29.9	58.10
43.478333	26.51	40.00	13.49	V	-31.6	58.11
46.873333	20.60	40.00	19.40	V	-34.3	54.9
75.770000	18.08	40.00	21.92	V	-33.7	51.78

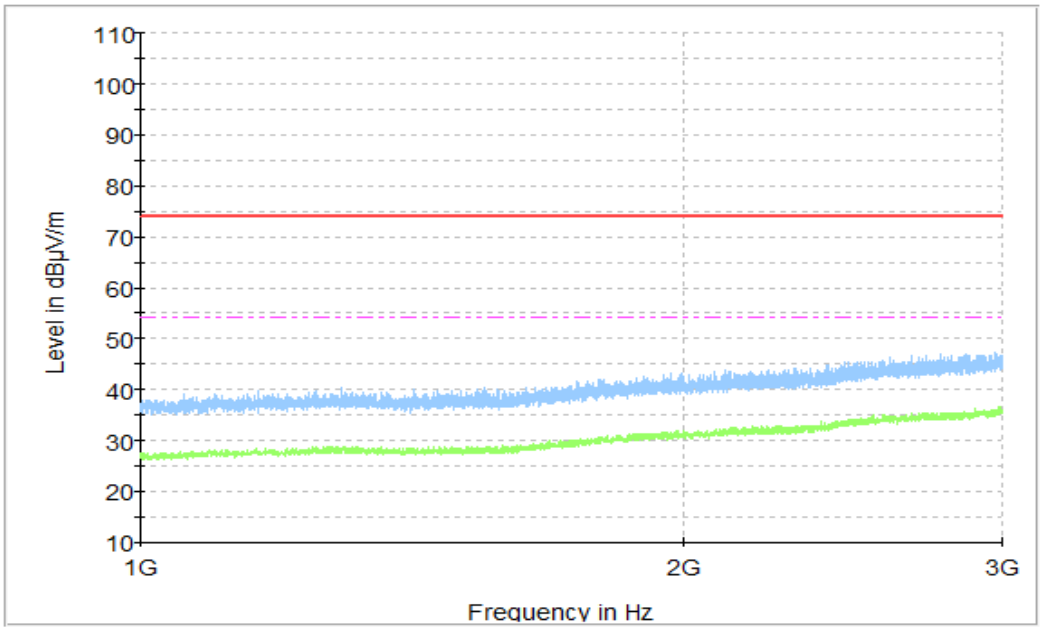


Figure A.1.42. Radiated Emission (FM receiver, 1GHz to 3GHz)

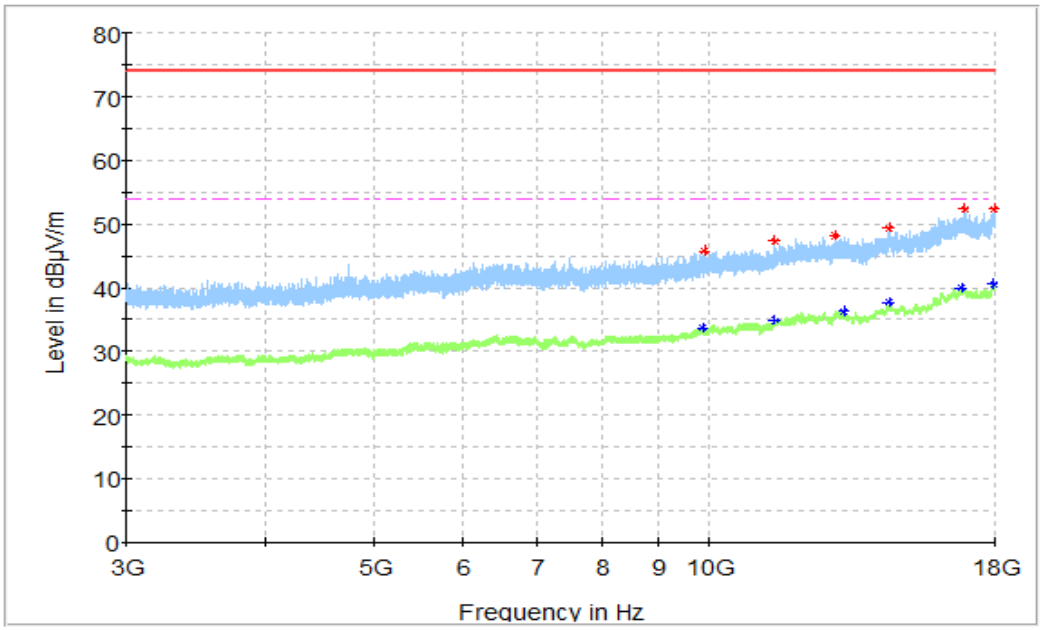


Figure A.1.43. Radiated Emission (FM receiver, 3GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P_{Mea} (dBµV)
9890.500000	45.68	74.00	28.32	V	5.3	40.38
11430.000000	47.32	74.00	26.68	V	6.8	40.52
12946.000000	48.18	74.00	25.82	V	9.3	38.88
14455.500000	49.44	74.00	24.56	V	11.7	37.74
16927.500000	52.32	74.00	21.68	H	15.9	36.42
17990.000000	52.35	74.00	21.65	V	16.9	35.45

Final_Results_AVG

Frequency(MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P_{Mea} (dBµV)
9880.000000	33.58	54.00	20.42	V	5.4	28.18
11435.000000	34.90	54.00	19.10	H	6.8	28.1
13191.000000	36.25	54.00	17.75	V	9.8	26.45
14458.000000	37.65	54.00	16.35	V	11.7	25.95
16789.000000	39.83	54.00	14.17	V	15.8	24.03
17943.500000	40.57	54.00	13.43	V	17.3	23.27

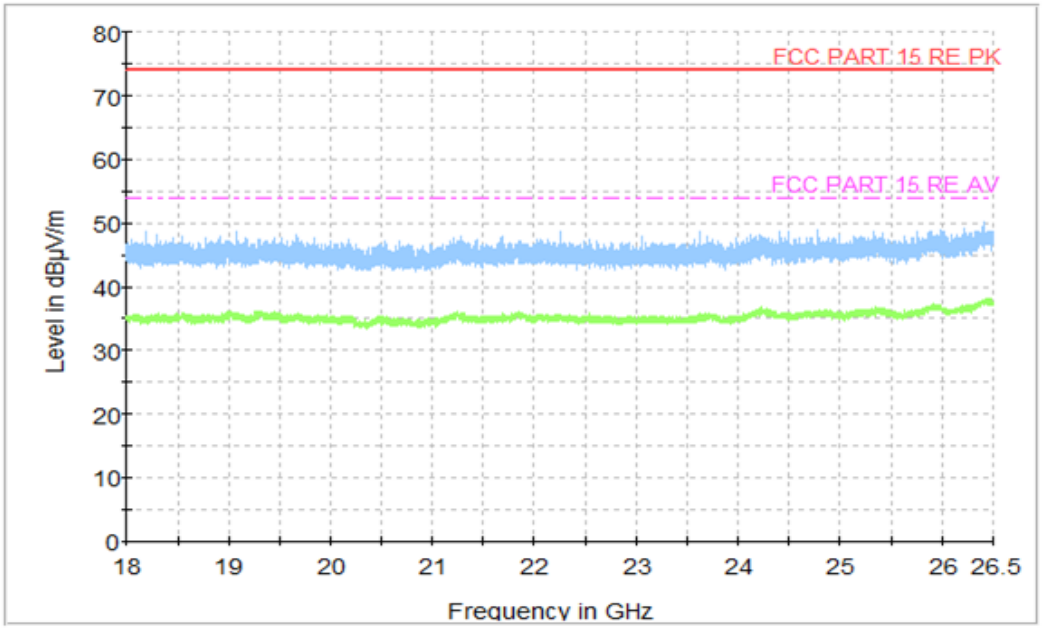


Figure A.1.44. Radiated Emission (FM receiver, 18GHz to 26.5GHz)

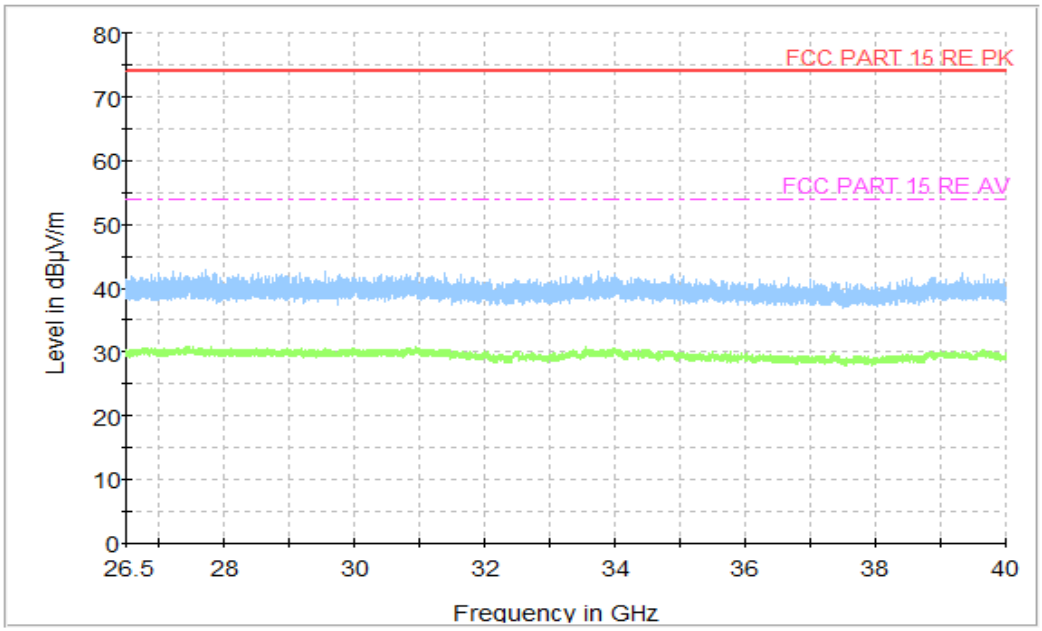


Figure A.1.45. Radiated Emission (FM receiver, 26.5GHz to 40GHz)

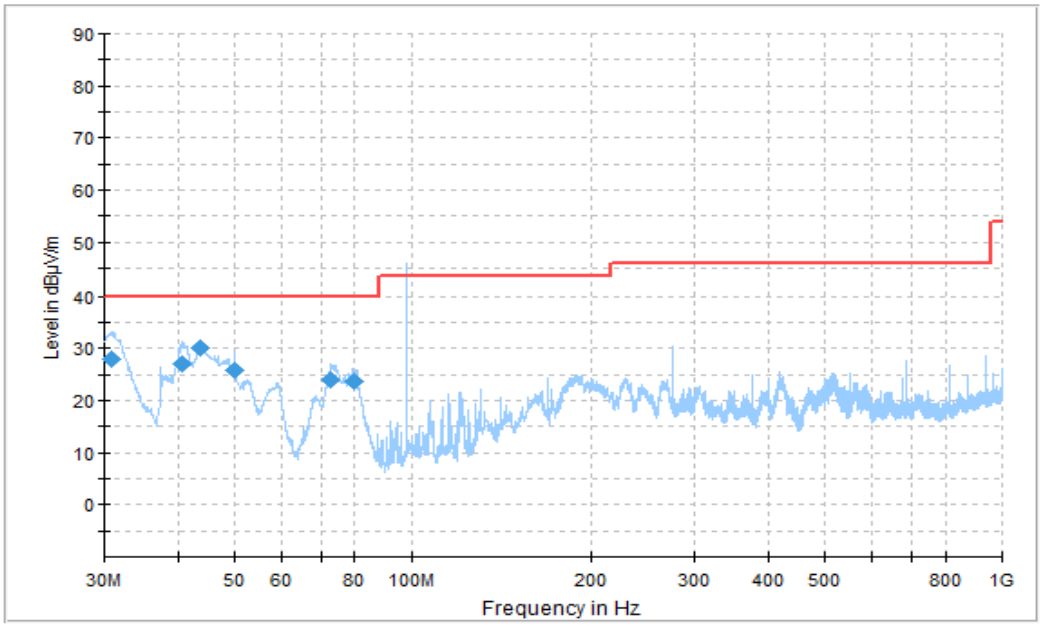


Figure A.1.46. Radiated Emission (FM receiver, 30MHz to 1GHz)

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

Final_Results

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	ARpl (dB/m)	P_{Mea} (dBµV)
30.934444	27.97	40.00	12.03	V	-25.1	53.07
40.639444	26.93	40.00	13.07	V	-29.6	56.53
43.813889	29.93	40.00	10.07	V	-31.8	61.73
49.998889	25.74	40.00	14.26	V	-36.5	62.24
72.861667	23.87	40.00	16.13	V	-33.8	57.67
79.641111	23.78	40.00	16.22	V	-33.5	57.28

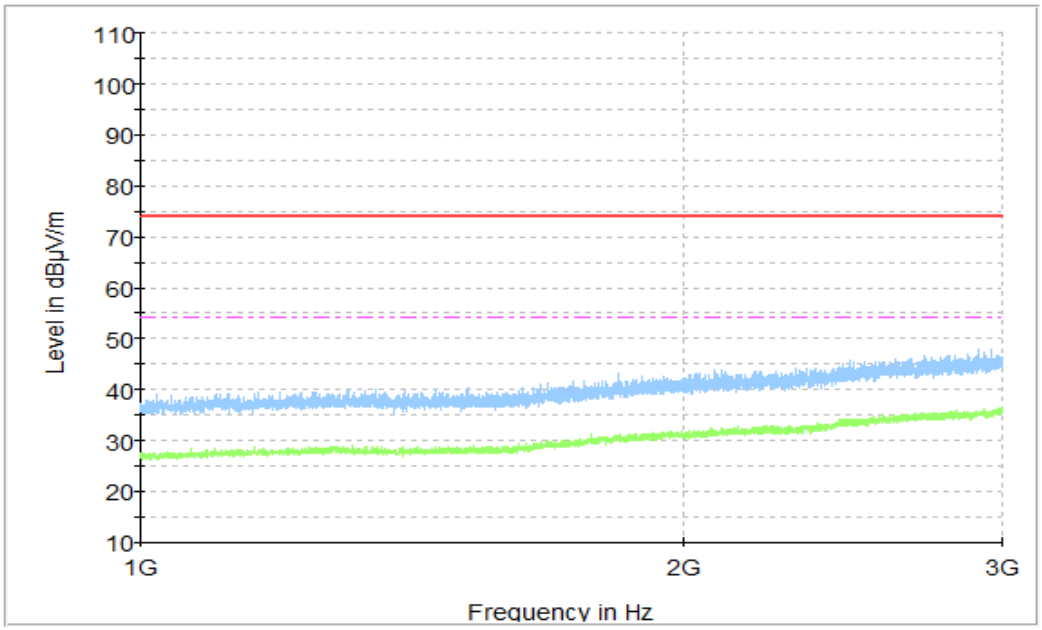


Figure A.1.47. Radiated Emission (FM receiver, 1GHz to 3GHz)

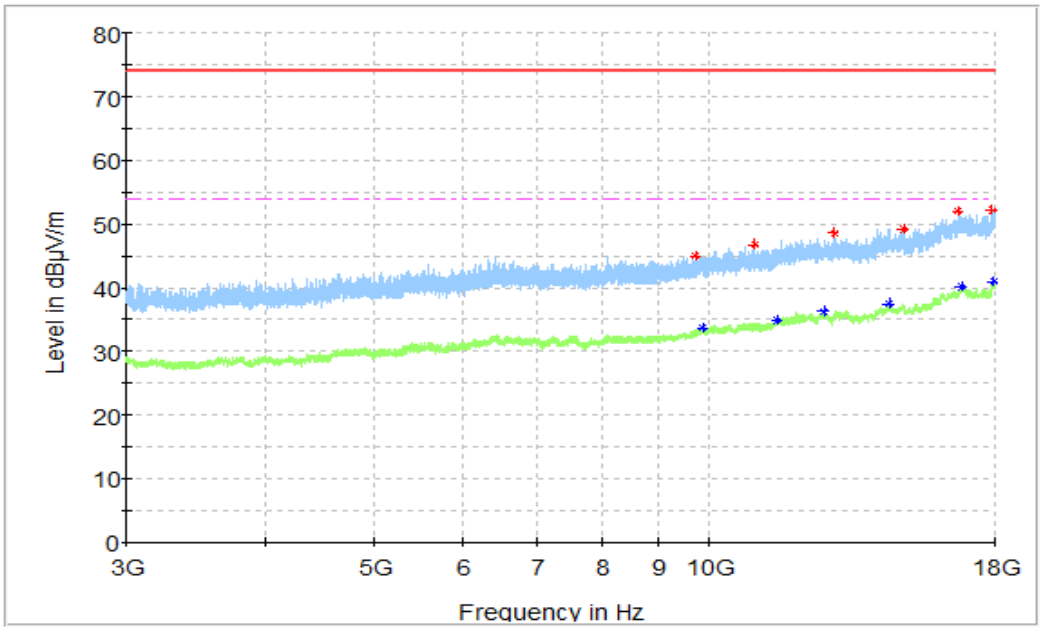


Figure A.1.48. Radiated Emission (FM receiver, 3GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P_{Mea} (dBµV)
9732.500000	45.00	74.00	29.00	H	4.8	40.20
10965.500000	46.71	74.00	27.29	V	6.1	40.61
12908.500000	48.60	74.00	25.40	H	9.3	39.30
14915.500000	49.25	74.00	24.75	H	11.7	37.55
16724.500000	51.91	74.00	22.09	H	15.4	36.51
17903.000000	52.26	74.00	21.74	V	17.0	35.26

Final_Results_AVG

Frequency(MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P_{Mea} (dBµV)
9855.500000	33.66	54.00	20.34	V	5.3	28.36
11489.000000	34.78	54.00	19.22	H	7.0	27.78
12644.500000	36.33	54.00	17.67	V	8.7	27.63
14457.500000	37.42	54.00	16.58	V	11.7	25.72
16792.000000	40.02	54.00	13.98	H	15.7	24.32
17949.000000	40.82	54.00	13.18	V	17.2	23.62

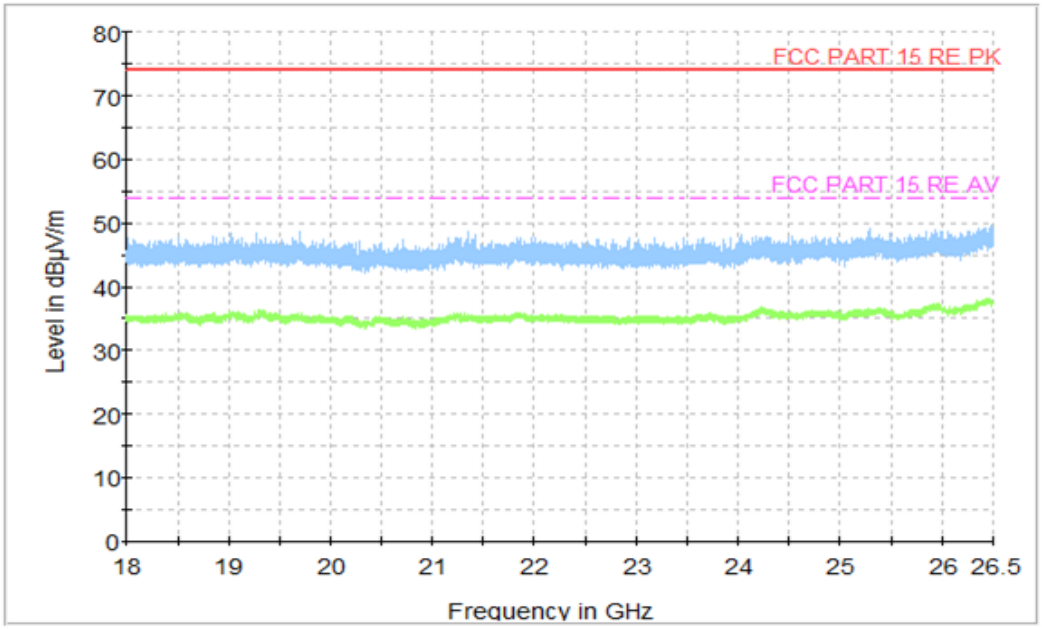


Figure A.1.49. Radiated Emission (FM receiver, 18GHz to 26.5GHz)

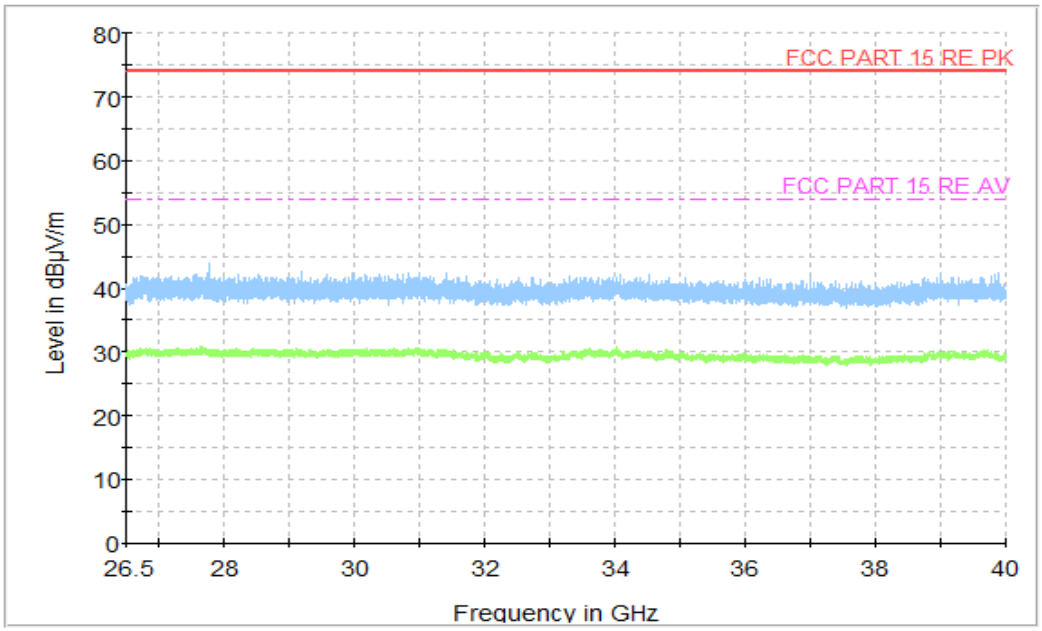


Figure A.1.50. Radiated Emission (FM receiver, 26.5GHz to 40GHz)

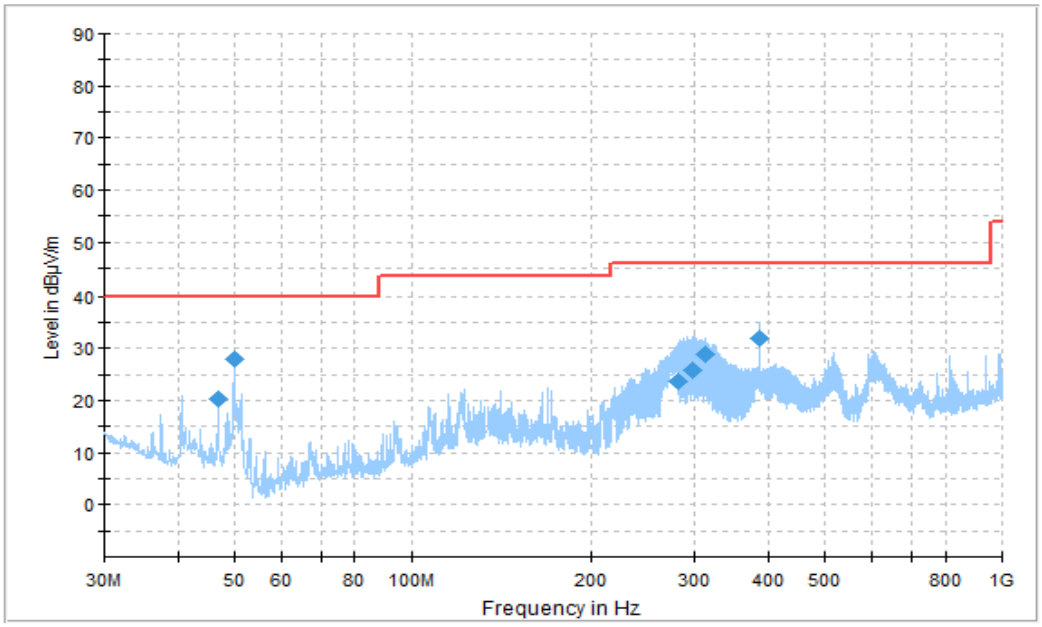


Figure A.1.51. Radiated Emission (Data Transfer: PC TO EUT, 30MHz to 1GHz)

Final_Results

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	ARpl (dB/m)	P_{Mea} (dBµV)
46.887222	20.13	40.00	19.87	V	-34.3	54.43
50.012778	28.04	40.00	11.96	V	-36.5	64.54
280.413889	23.67	46.00	22.33	H	-30.1	53.77
298.520556	25.83	46.00	20.17	H	-29.3	55.13
311.992778	28.69	46.00	17.31	H	-29.1	57.79
387.478889	31.79	46.00	14.21	H	-26.5	58.29

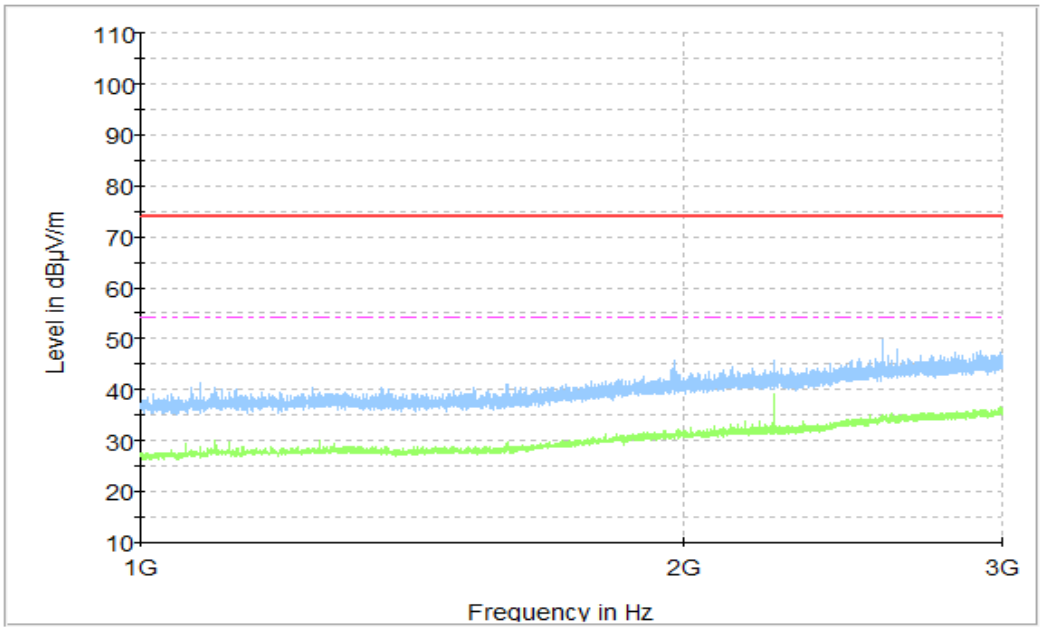


Figure A.1.52. Radiated Emission (Data Transfer: PC TO EUT, 1GHz to 3GHz)

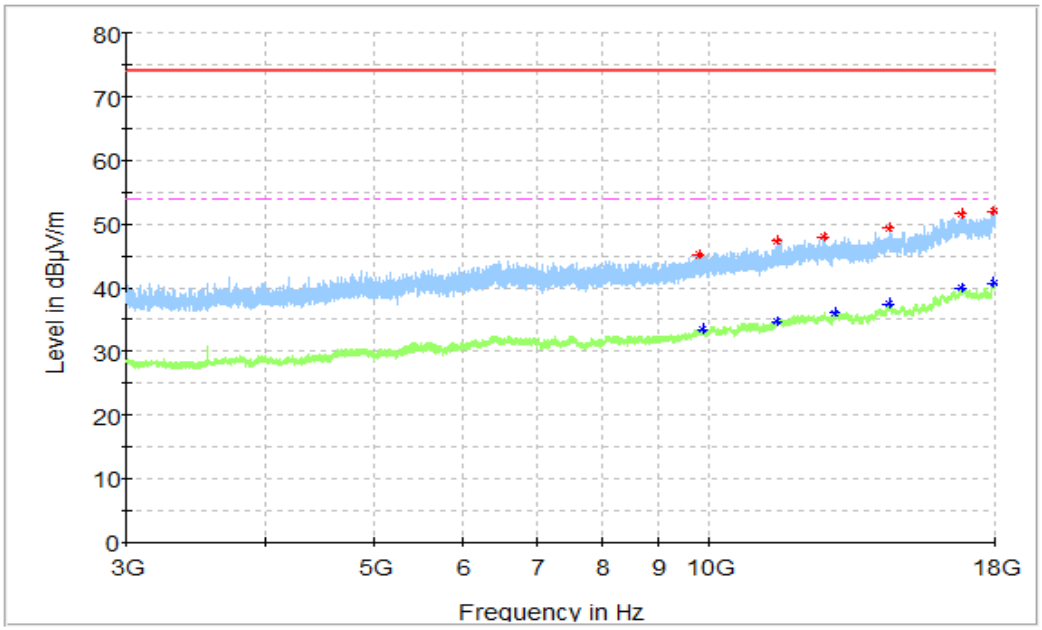


Figure A.1.53. Radiated Emission (Data Transfer: PC TO EUT, 3GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P_{Mea} (dBµV)
9791.000000	45.22	74.00	28.78	V	5.0	40.22
11485.500000	47.38	74.00	26.62	V	6.9	40.48
12651.000000	48.03	74.00	25.97	V	8.7	39.33
14484.500000	49.31	74.00	24.69	V	11.7	37.61
16782.500000	51.66	74.00	22.34	V	15.9	35.76
17944.500000	52.00	74.00	22.00	H	17.3	34.70

Final_Results_AVG

Frequency(MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P_{Mea} (dBµV)
9871.500000	33.48	54.00	20.52	H	5.2	28.28
11486.500000	34.58	54.00	19.42	H	6.9	27.68
12940.000000	36.13	54.00	17.87	V	9.4	26.73
14468.500000	37.42	54.00	16.58	H	11.7	25.72
16795.500000	39.82	54.00	14.18	H	15.7	24.12
17945.000000	40.65	54.00	13.35	H	17.3	23.35

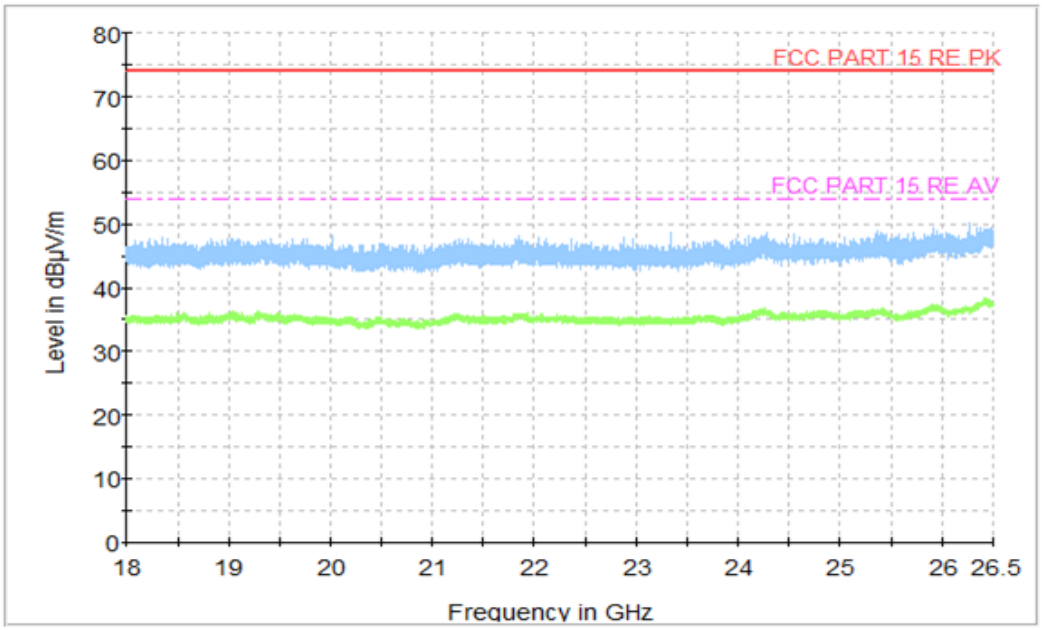


Figure A.1.54. Radiated Emission (Data Transfer: PC TO EUT, 18GHz to 26.5GHz)

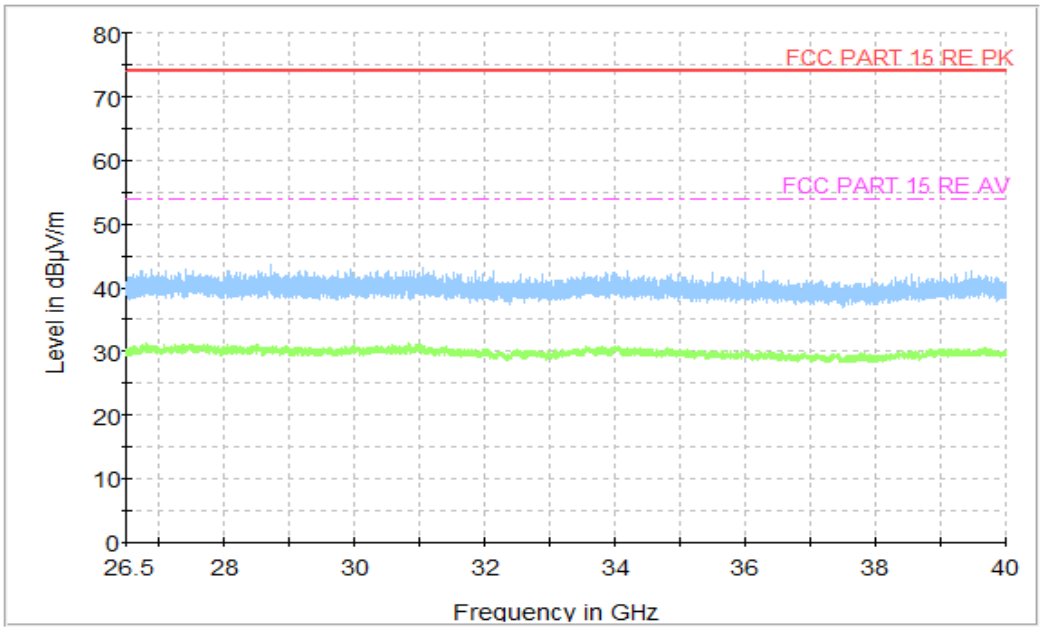


Figure A.1.55. Radiated Emission (Data Transfer: PC TO EUT, 26.5GHz to 40GHz)

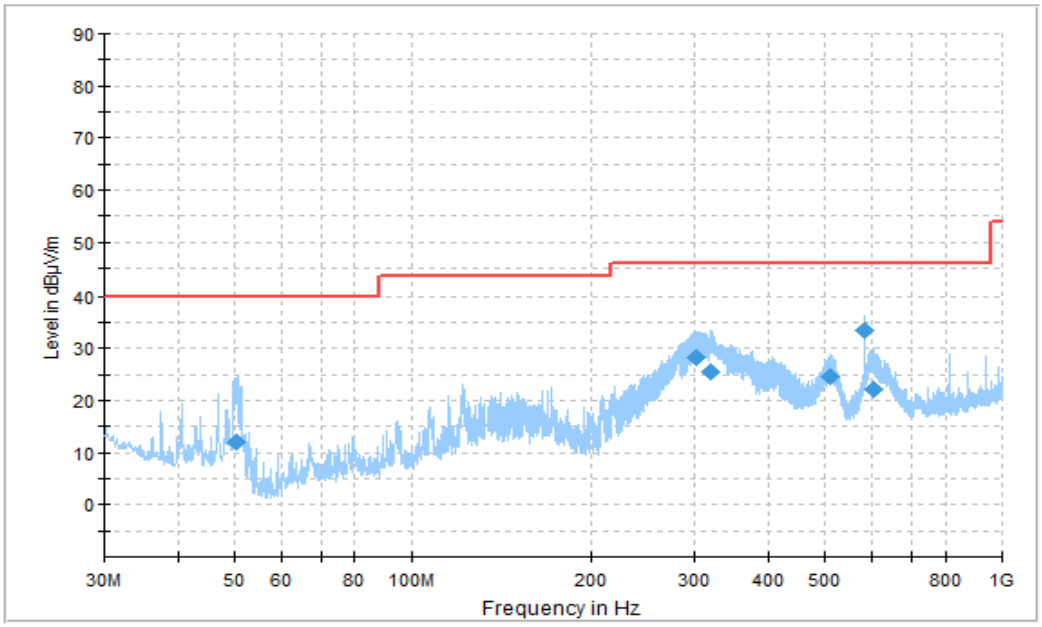


Figure A.1.56. Radiated Emission (Data Transfer: PC TO TF Card, 30MHz to 1GHz)

Final_Results

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	ARpl (dB/m)	P_{Mea} (dBµV)
50.231667	12.09	40.00	27.91	V	-36.7	48.79
301.738333	28.15	46.00	17.85	H	-29.3	57.45
320.147222	25.53	46.00	20.47	H	-28.6	54.13
509.983889	24.69	46.00	21.31	H	-23.1	47.79
584.981667	33.48	46.00	12.52	H	-21.7	55.18
605.861111	22.00	46.00	24.00	V	-21.2	43.20

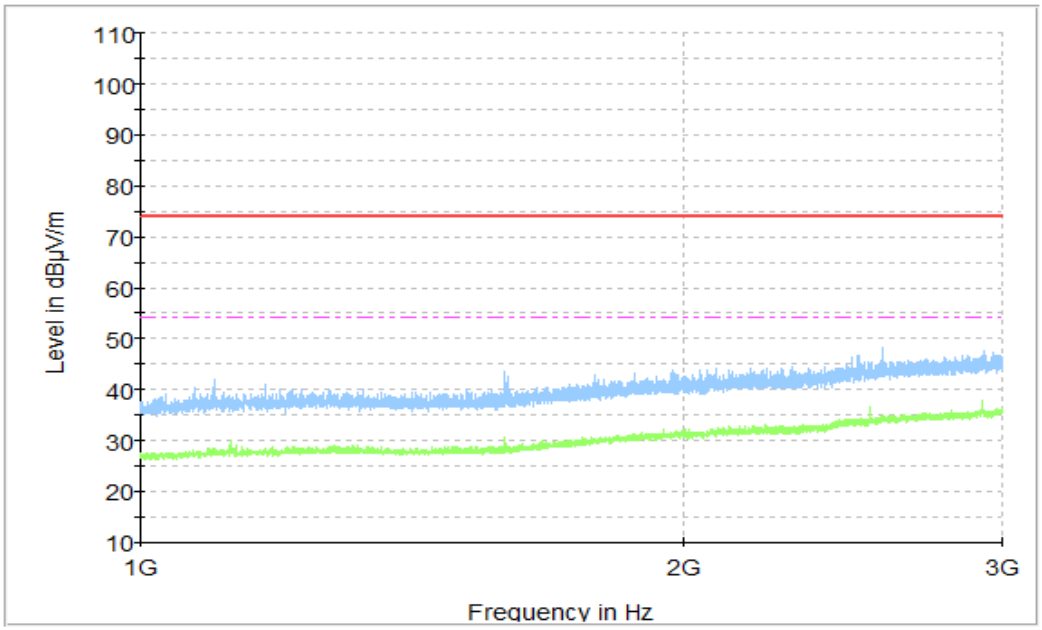


Figure A.1.57. Radiated Emission (Data Transfer: PC TO TF Card, 1GHz to 3GHz)

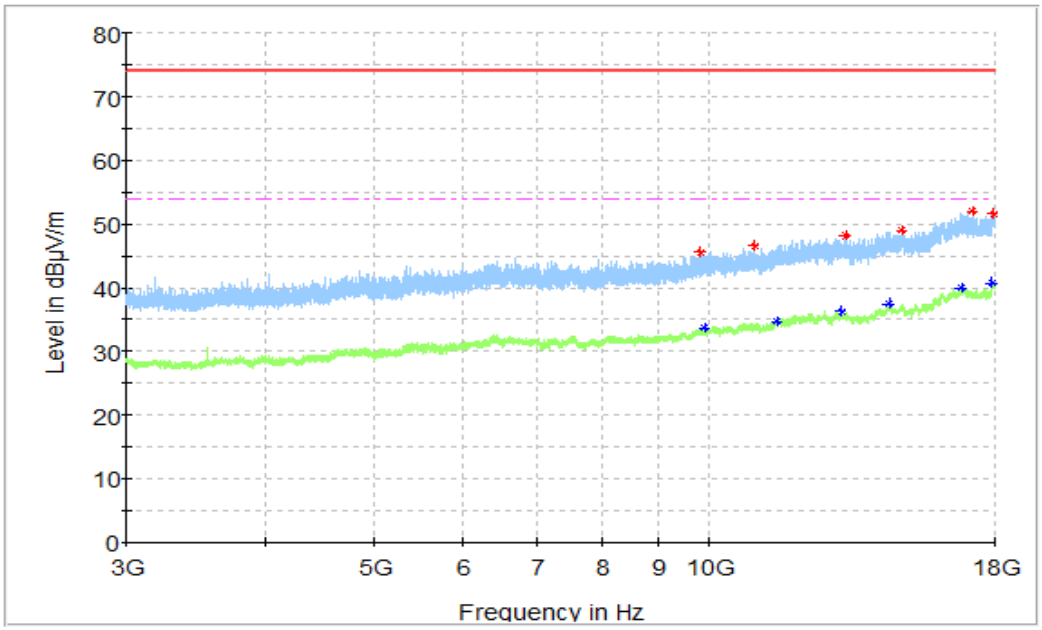


Figure A.1.58. Radiated Emission (Data Transfer: PC TO TF Card, 3GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P_{Mea} (dBµV)
9805.000000	45.54	74.00	28.46	H	4.8	40.74
10942.500000	46.58	74.00	27.42	H	6.5	40.08
13245.500000	48.17	74.00	25.83	H	9.7	38.47
14861.500000	49.01	74.00	24.99	H	11.6	37.41
17185.000000	51.90	74.00	22.10	H	15.3	36.6
17961.500000	51.68	74.00	22.32	H	16.8	34.88

Final_Results_AVG

Frequency(MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P_{Mea} (dBµV)
9883.500000	33.64	54.00	20.36	H	5.4	28.24
11484.500000	34.75	54.00	19.25	H	6.8	27.95
13097.500000	36.29	54.00	17.71	V	9.8	26.49
14460.500000	37.47	54.00	16.53	V	11.8	25.67
16781.500000	39.85	54.00	14.15	V	15.9	23.95
17910.500000	40.64	54.00	13.36	V	17.4	23.24

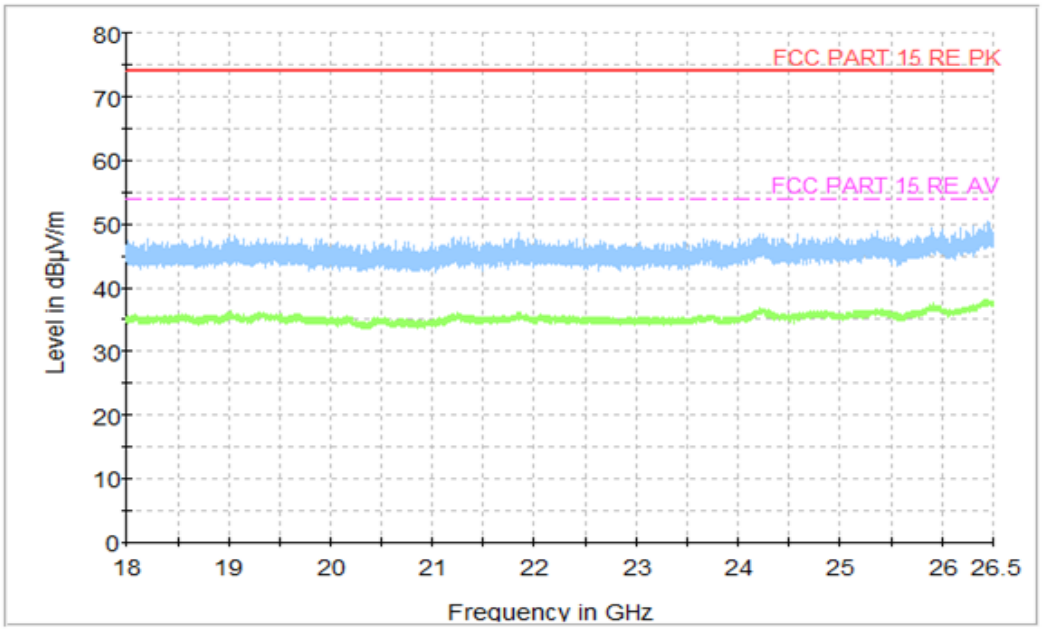


Figure A.1.59. Radiated Emission (Data Transfer: PC TO TF Card, 18GHz to 26.5GHz)

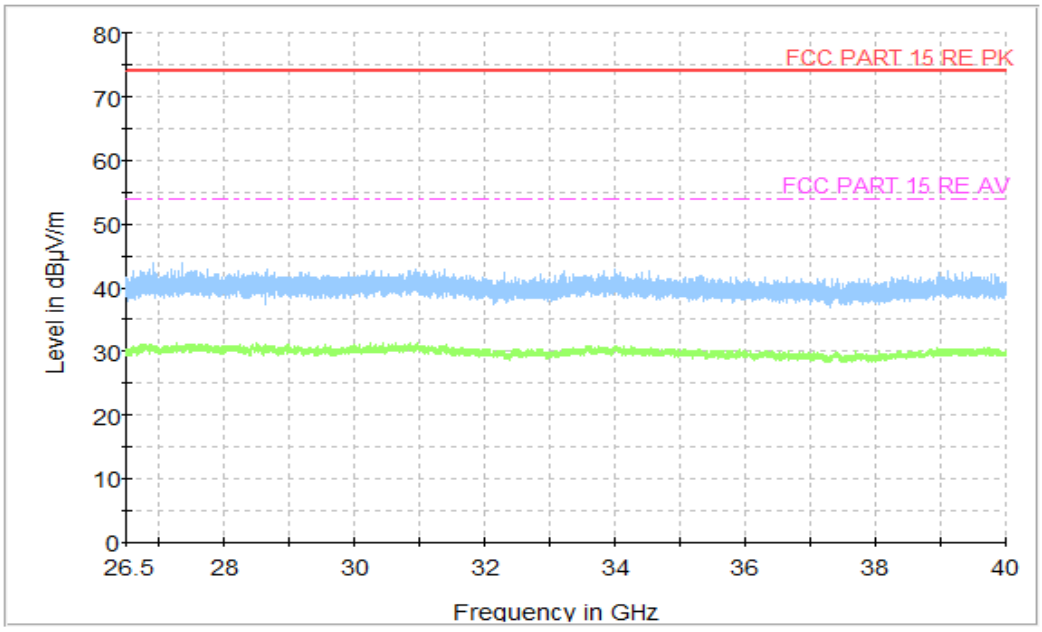


Figure A.1.60. Radiated Emission (Data Transfer: PC TO TF Card, 26.5GHz to 40GHz)

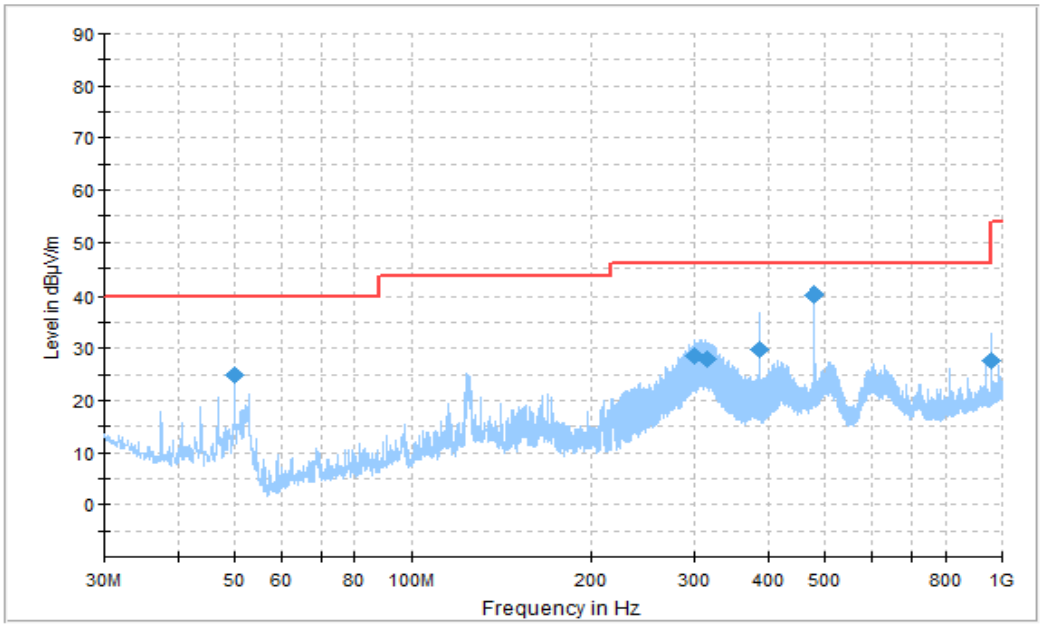


Figure A.1.61. Radiated Emission (Data Transfer: EUT TO PC, 30MHz to 1GHz)

Final_Results

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	ARpl (dB/m)	P_{Mea} (dBµV)
49.998889	24.91	40.00	15.09	V	-36.5	61.41
300.260556	28.43	46.00	17.57	H	-29.3	57.73
314.094444	27.95	46.00	18.05	H	-29.0	56.95
387.478889	29.76	46.00	16.24	H	-26.5	56.26
479.992222	40.25	46.00	5.75	H	-23.8	64.05
959.994444	27.70	46.00	18.30	H	-16.3	44.00

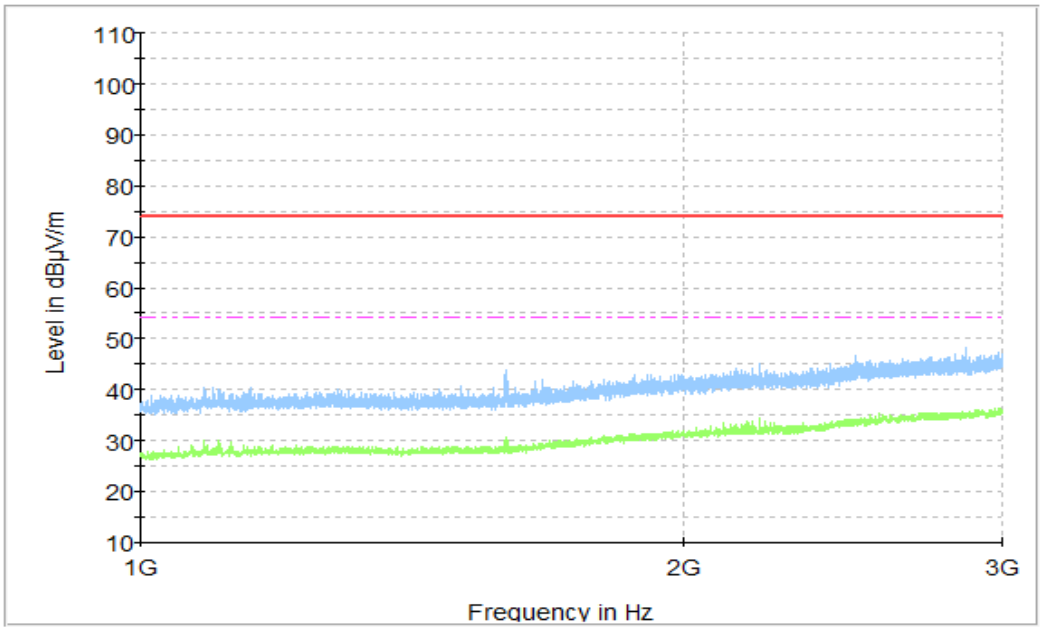


Figure A.1.62. Radiated Emission (Data Transfer: EUT TO PC, 1GHz to 3GHz)

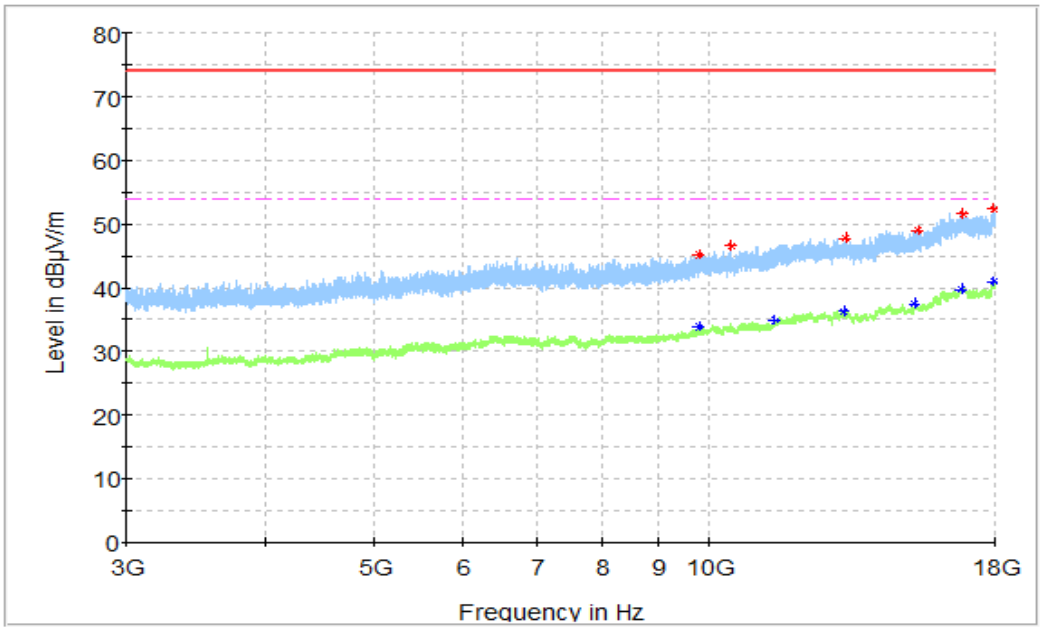


Figure A.1.63. Radiated Emission (Data Transfer: EUT TO PC, 3GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P_{Mea} (dBµV)
9781.000000	45.21	74.00	28.79	V	4.8	40.41
10442.000000	46.58	74.00	27.42	H	5.2	41.38
13223.000000	47.85	74.00	26.15	V	9.6	38.25
15354.500000	48.92	74.00	25.08	V	12.2	36.72
16872.000000	51.59	74.00	22.41	V	15.9	35.69
17954.500000	52.48	74.00	21.52	H	17.1	35.38

Final_Results_AVG

Frequency(MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P_{Mea} (dBµV)
9787.000000	33.77	54.00	20.24	H	4.9	28.87
11434.000000	34.80	54.00	19.20	H	6.8	28
13194.500000	36.33	54.00	17.67	V	9.6	26.73
15277.500000	37.55	54.00	16.45	H	12.0	25.55
16789.000000	39.77	54.00	14.23	H	15.8	23.97
17937.500000	40.86	54.00	13.14	H	17.1	23.76

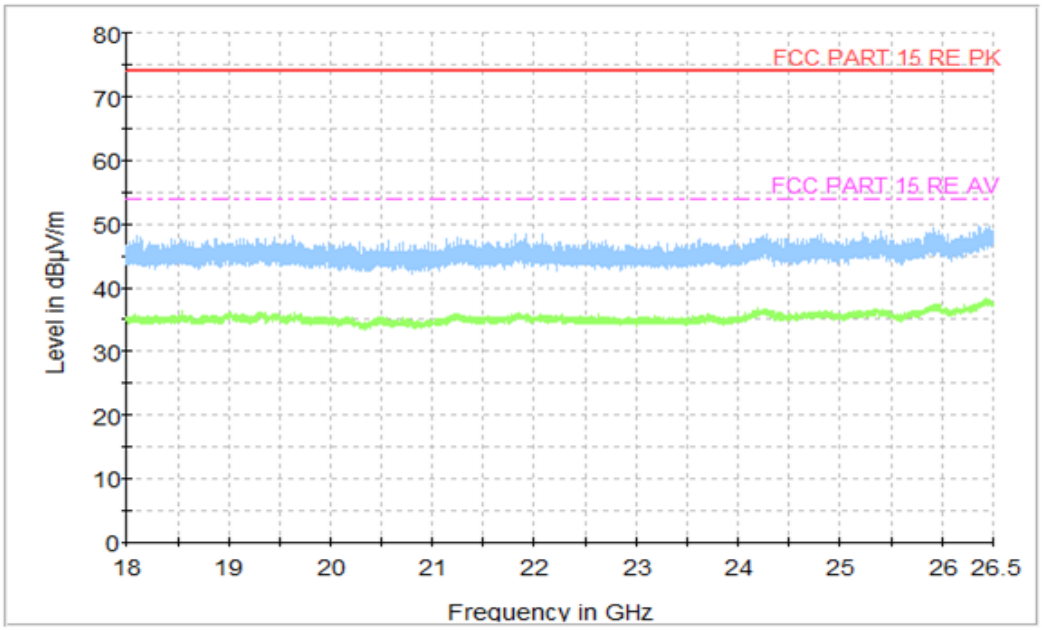


Figure A.1.64. Radiated Emission (Data Transfer: EUT TO PC, 18GHz to 26.5GHz)

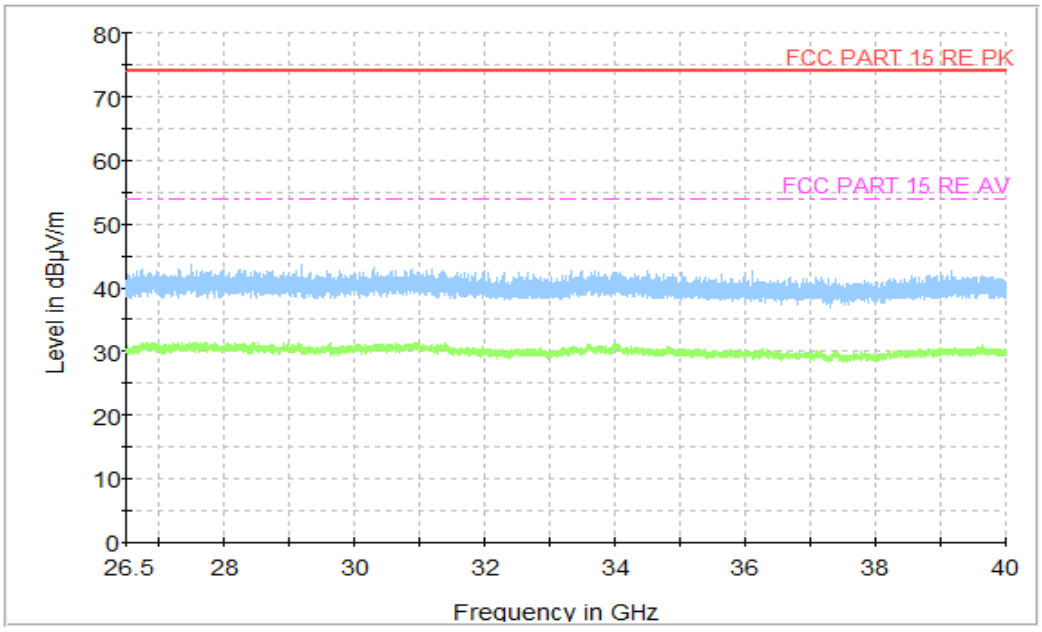


Figure A.1.65. Radiated Emission (Data Transfer: EUT TO PC, 26.5GHz to 40GHz)

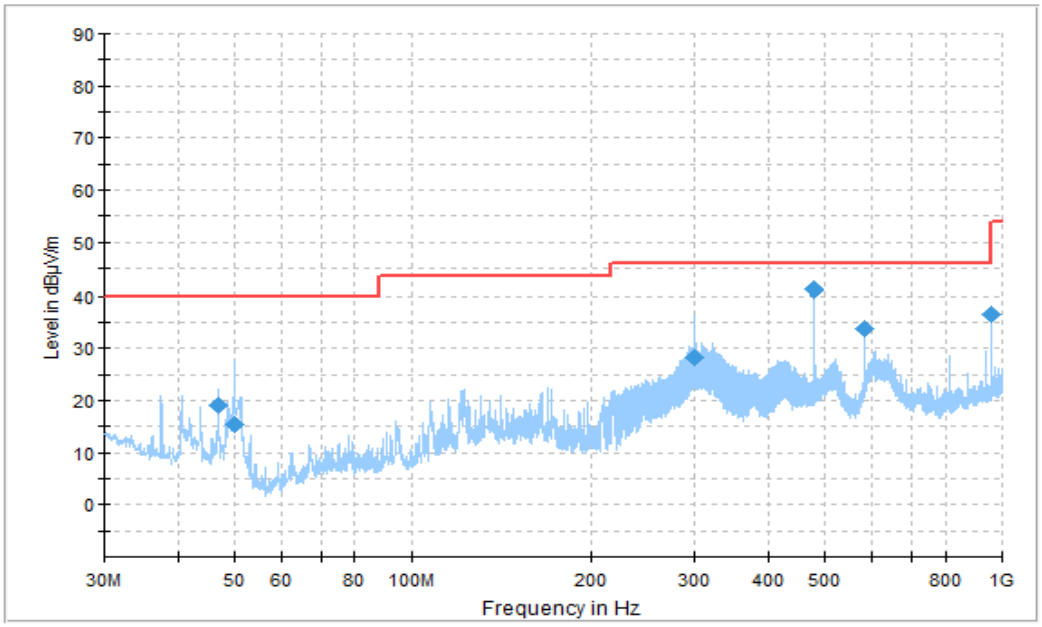


Figure A.1.66. Radiated Emission (Data Transfer: TF Card TO PC, 30MHz to 1GHz)

Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	ARpl (dB/m)	P_{Mea} (dBµV)
46.873333	19.03	40.00	20.97	V	-34.3	53.33
50.038889	15.31	40.00	24.69	V	-36.5	51.81
300.069444	28.35	46.00	17.65	H	-29.3	57.65
479.992222	41.20	46.00	4.80	H	-23.8	65.00
585.021667	33.66	46.00	12.34	V	-21.7	55.36
960.008333	36.61	54.00	17.39	H	-16.3	52.91

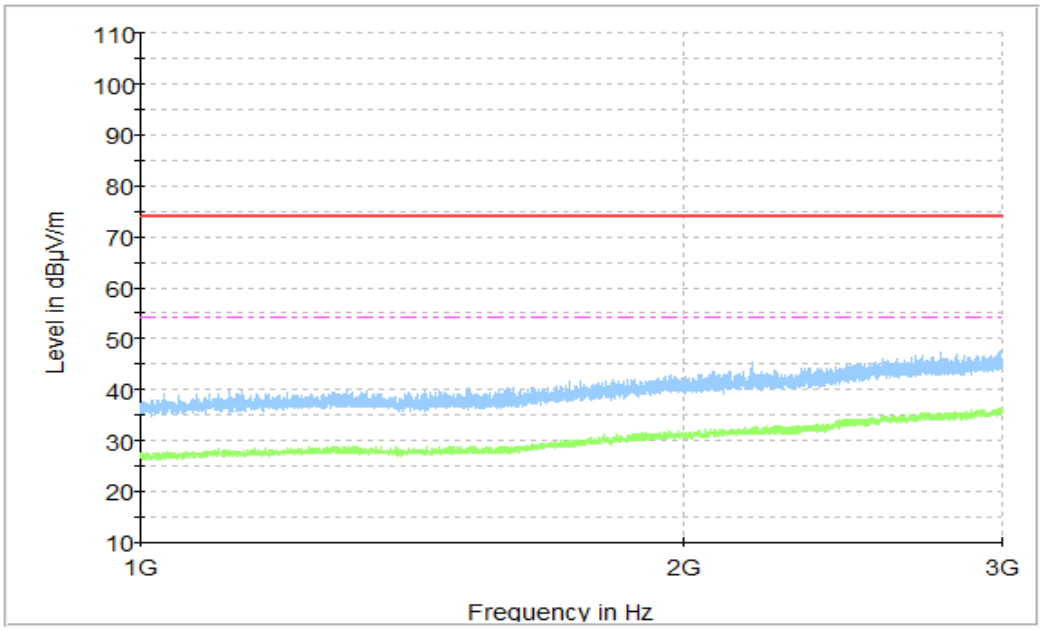


Figure A.1.67. Radiated Emission (Data Transfer: TF Card TO PC, 1GHz to 3GHz)

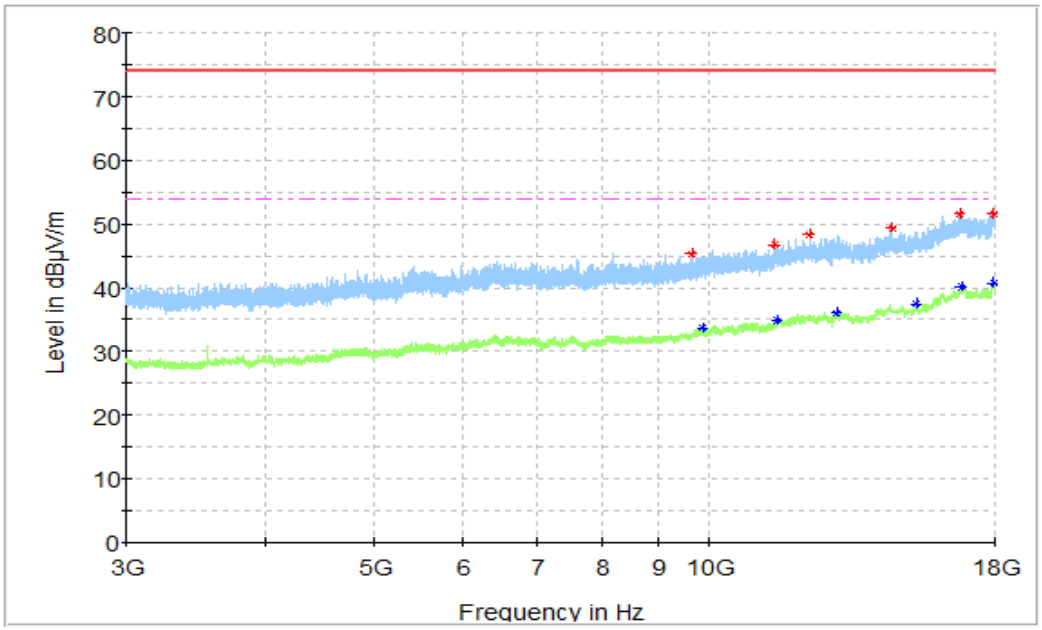


Figure A.1.68. Radiated Emission (Data Transfer: TF Card TO PC, 3GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P_{Mea} (dBµV)
9623.000000	45.32	74.00	28.68	H	4.3	41.02
11433.000000	46.81	74.00	27.19	H	6.8	40.01
12265.000000	48.45	74.00	25.55	V	8.4	40.05
14552.000000	49.34	74.00	24.66	H	11.7	37.64
16758.000000	51.51	74.00	22.49	V	15.6	35.91
17947.500000	51.66	74.00	22.34	V	17.3	34.36

Final_Results_AVG

Frequency(MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P_{Mea} (dBµV)
9856.000000	33.66	54.00	20.34	H	5.3	28.36
11491.000000	34.83	54.00	19.17	H	7.0	27.83
12975.000000	36.13	54.00	17.87	V	9.2	26.93
15292.500000	37.45	54.00	16.55	V	12.2	25.25
16814.500000	40.16	54.00	13.84	V	16.0	24.16
17947.000000	40.67	54.00	13.33	V	17.3	23.37

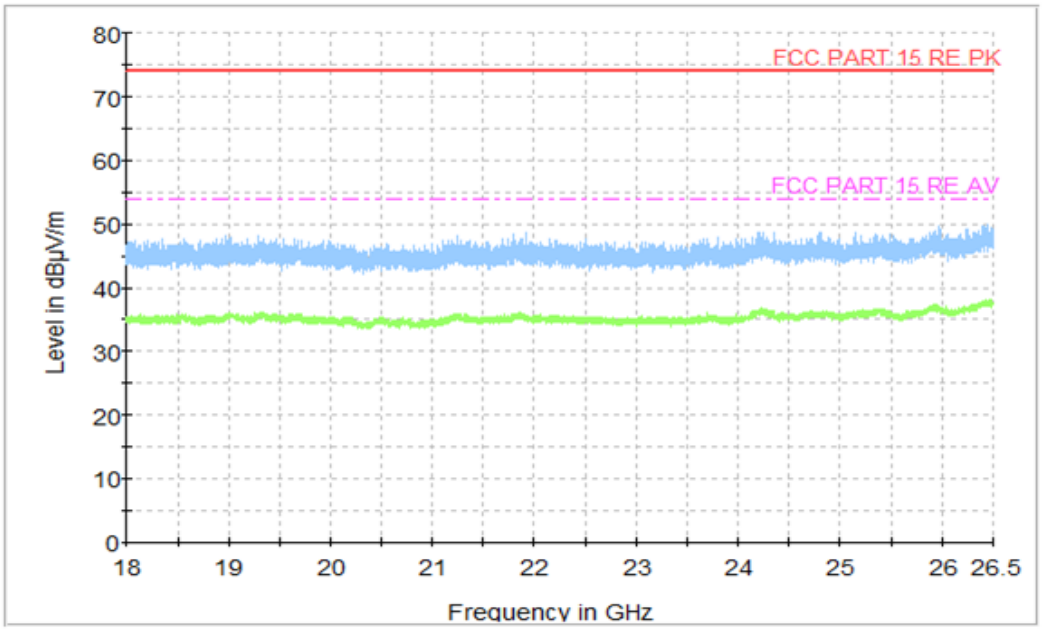


Figure A.1.69. Radiated Emission (Data Transfer: TF Card TO PC, 18GHz to 26.5GHz)

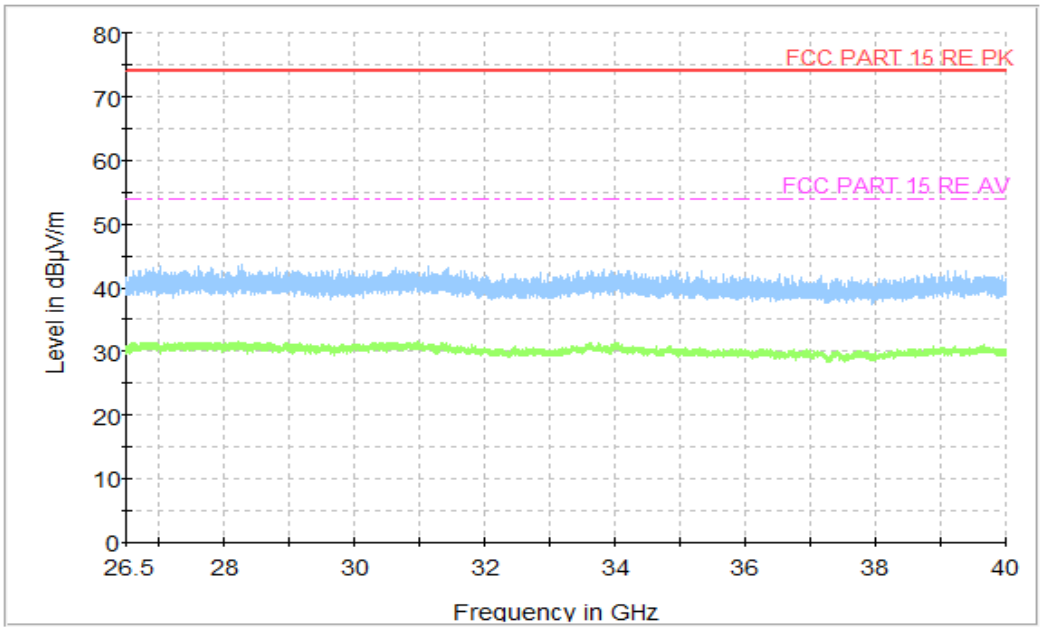


Figure A.1.70. Radiated Emission (Data Transfer: TF Card TO PC, 26.5GHz to 40GHz)

A.2 Conducted Emission (§15.107(a))

Reference

FCC: Part 15.107(a)

IC: ICES-003 section 6.1.

A.2.1 Method of measurement

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

A.2.2 EUT Operating Mode:

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

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

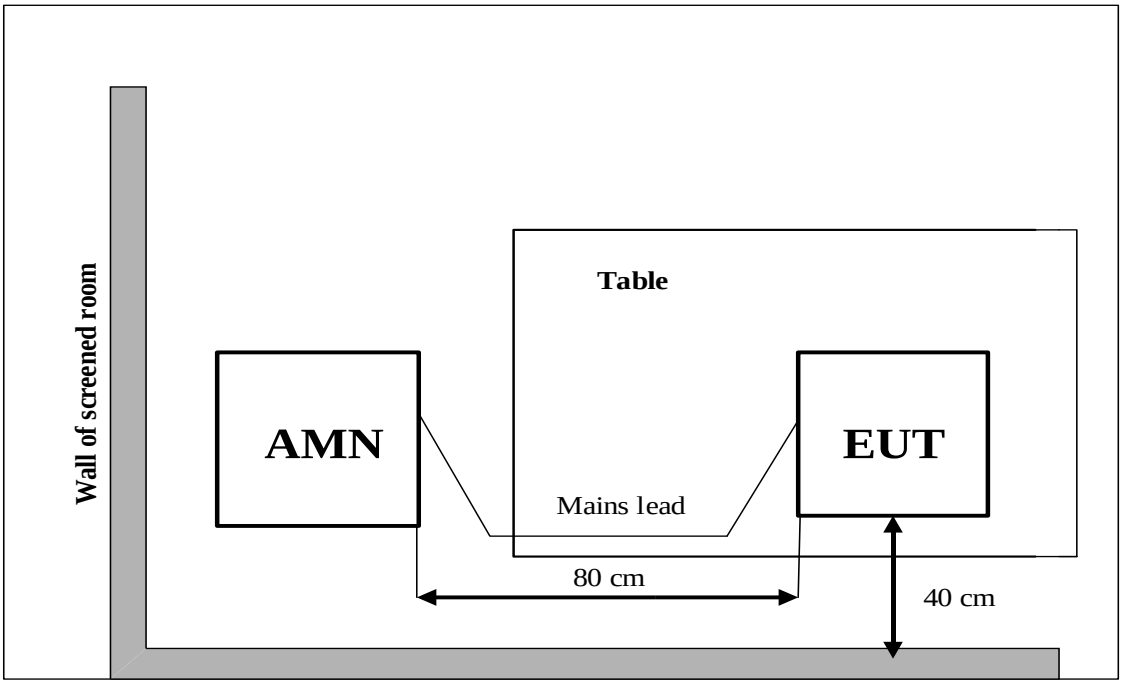
FM receiver: The EUT is connected to a charger for charging. The EUT is synchronized to a FM signal generator. The EUT is keeping on demodulating the FM signal and outputting the audio signal through the headset.

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

A.2.3 Measurement Limit

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

A.2.4Test set-up:



A.2.5 Test Condition in charging mode

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

RBW	Sweep Time(s)
9kHz	1

A.2.6 Measurement Results

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

Where

Corr: PathLoss + Voltage Division Factor

PMea: Measurement result on receiver.

Camera

AC Input Port/ Voltage: 120V/60Hz

Frequency range (MHz)	Quasi-peak Limit (dBμV)	Average Limit (dBμV)	Result (dBμV) UT06aa/Set.1	Conclusion
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) UT06aa/Set.1	Conclusion
0.15 to 0.5	66 to 56	56 to 46	See Figure A.2.2.	P
0.5 to 5	56	46		
5 to 30	60	50		
NOTE: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.				

FM receiver

AC Input Port/ Voltage: 120V/60Hz

Frequency range (MHz)	Quasi-peak Limit (dBμV)	Average Limit (dBμV)	Result (dBμV) UT06aa/Set.4	Conclusion
0.15 to 0.5	66 to 56	56 to 46	See Figure A.2.3.	P
0.5 to 5	56	46		
5 to 30	60	50		
NOTE: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.				

Data Transfer

AC Input Port/ Voltage: 120V/60Hz

Frequency range (MHz)	Quasi-peak Limit (dBμV)	Average Limit (dBμV)	Result (dBμV) UT06aa/Set.3	Conclusion
0.15 to 0.5	66 to 56	56 to 46	See Figure A.2.4.	P
0.5 to 5	56	46		
5 to 30	60	50		
NOTE: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.				

Camera

AC Input Port/ Voltage: 120V/60Hz

Frequency range (MHz)	Quasi-peak Limit (dBμV)	Average Limit (dBμV)	Result (dBμV) UT06aa/Set.2	Conclusion
0.15 to 0.5	66 to 56	56 to 46	See Figure A.2.5.	P
0.5 to 5	56	46		
5 to 30	60	50		
NOTE: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.				

Camera

AC Input Port/ Voltage: 240V/60Hz

Frequency range (MHz)	Quasi-peak Limit (dBμV)	Average Limit (dBμV)	Result (dBμV) UT06aa/Set.1	Conclusion
0.15 to 0.5	66 to 56	56 to 46	See Figure A.2.6.	P
0.5 to 5	56	46		
5 to 30	60	50		
NOTE: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.				

Video Player

AC Input Port/ Voltage: 240V/60Hz

Frequency range (MHz)	Quasi-peak Limit (dBμV)	Average Limit (dBμV)	Result (dBμV) UT06aa/Set.1	Conclusion
0.15 to 0.5	66 to 56	56 to 46	See Figure A.2.7.	P
0.5 to 5	56	46		
5 to 30	60	50		
NOTE: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.				

FM receiver

AC Input Port/ Voltage: 240V/60Hz

Frequency range (MHz)	Quasi-peak Limit (dBμV)	Average Limit (dBμV)	Result (dBμV) UT06aa/Set.4	Conclusion
0.15 to 0.5	66 to 56	56 to 46	See Figure A.2.8.	P
0.5 to 5	56	46		
5 to 30	60	50		
NOTE: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.				

Data Transfer

AC Input Port/ Voltage: 240V/60Hz

Frequency range (MHz)	Quasi-peak Limit (dBμV)	Average Limit (dBμV)	Result (dBμV) UT06aa/Set.3	Conclusion
0.15 to 0.5	66 to 56	56 to 46	See Figure A.2.9.	P
0.5 to 5	56	46		
5 to 30	60	50		
NOTE: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.				

Camera

AC Input Port/ Voltage: 240V/60Hz

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

AC Input Port/ Voltage: 120V/60Hz

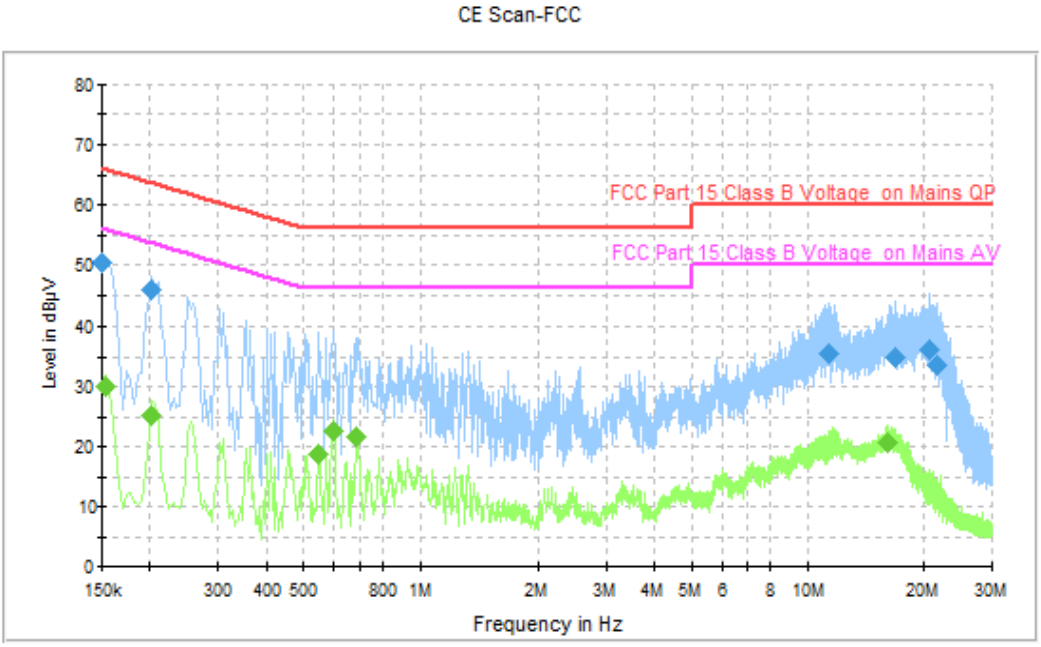


Figure A.2.1. Conducted Emission(Camera)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P_{Mea} (dBµV)
0.150000	50.3	66.0	15.7	N	9.6	40.70
0.202000	45.8	63.5	17.7	N	9.6	36.2
11.386000	35.5	60.0	24.5	N	9.9	25.60
16.926000	34.8	60.0	25.2	N	9.9	24.90
20.618000	36.0	60.0	24.0	N	9.9	26.1
21.522000	33.7	60.0	26.3	N	9.9	23.80

Final_Result_AVG

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P_{Mea} (dBµV)
0.154000	30.1	55.8	25.7	N	9.6	20.50
0.202000	25.3	53.5	28.2	N	9.6	15.7
0.546000	18.7	46.0	27.3	N	9.7	9.00
0.594000	22.7	46.0	23.3	N	9.6	13.10
0.686000	21.6	46.0	24.4	N	9.6	12
16.162000	20.7	50.0	29.3	N	9.9	10.80

AC Input Port/ Voltage: 120V/60Hz

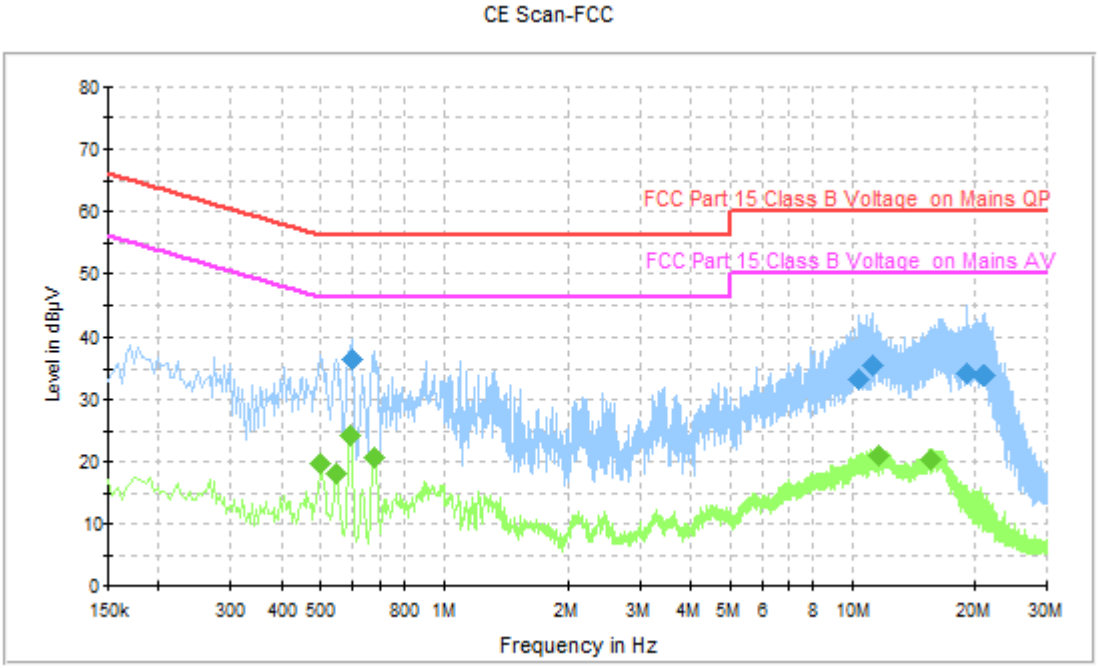


Figure A.2.2. Conducted Emission(Video Player)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P_{Mea} (dBµV)
0.594000	36.6	56.0	19.4	N	9.6	27.00
10.326000	33.2	60.0	26.8	N	9.8	23.4
11.230000	35.3	60.0	24.7	N	9.9	25.40
19.130000	34.1	60.0	25.9	N	9.9	24.20
20.930000	34.0	60.0	26.0	N	9.9	24.1
21.178000	34.0	60.0	26.0	N	9.9	24.10

Final_Result_AVG

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P_{Mea} (dBµV)
0.498000	19.6	46.0	26.5	N	9.7	9.90
0.546000	18.0	46.0	28.0	N	9.7	8.3
0.590000	24.3	46.0	21.7	N	9.6	14.70
0.674000	20.8	46.0	25.2	N	9.6	11.20
11.578000	21.0	50.0	29.0	N	9.9	11.1
15.586000	20.2	50.0	29.8	N	9.9	10.30

AC Input Port/ Voltage: 120V/60Hz

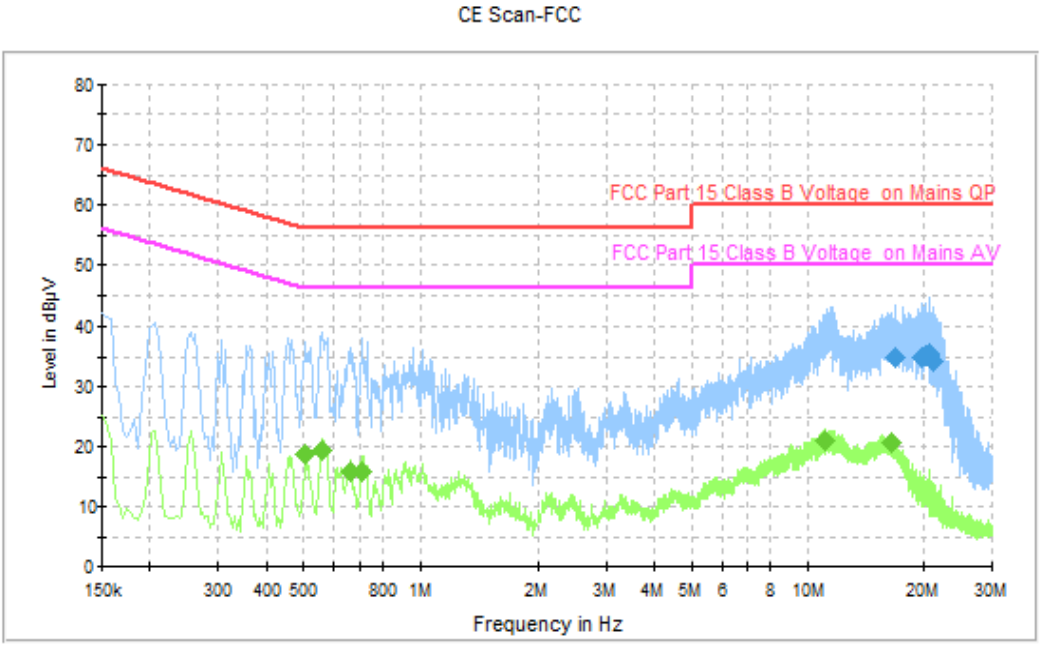


Figure A.2.3. Conducted Emission(FM receiver)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P_{Mea} (dBµV)
16.762000	34.8	60.0	25.2	N	9.8	25.00
19.678000	34.9	60.0	25.1	N	9.9	25
20.142000	35.2	60.0	24.8	N	9.9	25.30
20.554000	35.4	60.0	24.6	N	9.9	25.50
20.594000	35.0	60.0	25.0	N	9.9	25.1
21.022000	34.2	60.0	25.8	N	9.9	24.30

Final_Result_AVG

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P_{Mea} (dBµV)
0.506000	18.6	46.0	27.4	N	9.7	8.90
0.558000	19.5	46.0	26.5	N	9.6	9.9
0.658000	16.0	46.0	30.0	N	9.6	6.40
0.706000	15.7	46.0	30.3	N	9.6	6.10
11.034000	20.8	50.0	29.2	N	9.8	11
16.490000	20.5	50.0	29.5	N	9.8	10.70

AC Input Port/ Voltage: 120V/60Hz

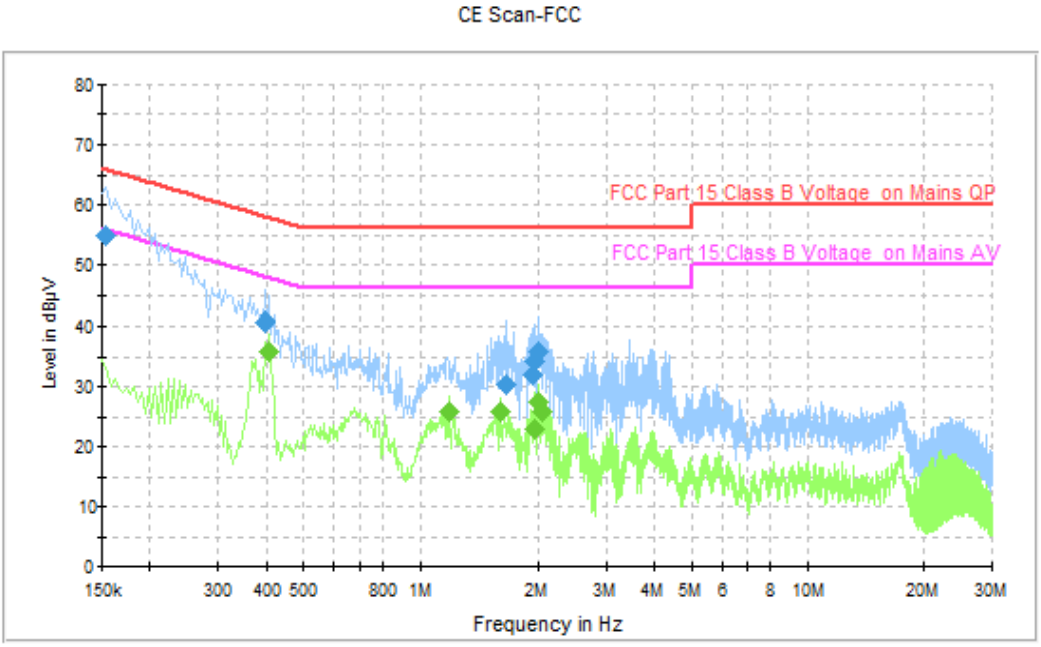


Figure A.2.4. Conducted Emission(Data Transfer)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P_{Mea} (dBµV)
0.154000	55.0	65.8	10.8	N	9.6	45.40
0.398000	40.6	57.9	17.3	N	9.6	31
1.646000	30.4	56.0	25.6	N	9.6	20.80
1.934000	31.8	56.0	24.2	N	9.6	22.20
1.950000	34.3	56.0	21.7	N	9.6	24.7
2.002000	35.9	56.0	20.1	N	9.6	26.30

Final_Result_AVG

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P_{Mea} (dBµV)
0.406000	35.7	47.7	12.1	N	9.6	26.10
1.186000	25.7	46.0	20.3	N	9.6	16.1
1.590000	25.9	46.0	20.1	N	9.6	16.30
1.966000	22.8	46.0	23.2	N	9.6	13.20
2.002000	27.3	46.0	18.7	N	9.6	17.7
2.046000	25.8	46.0	20.2	N	9.6	16.20

AC Input Port/ Voltage: 120V/60Hz

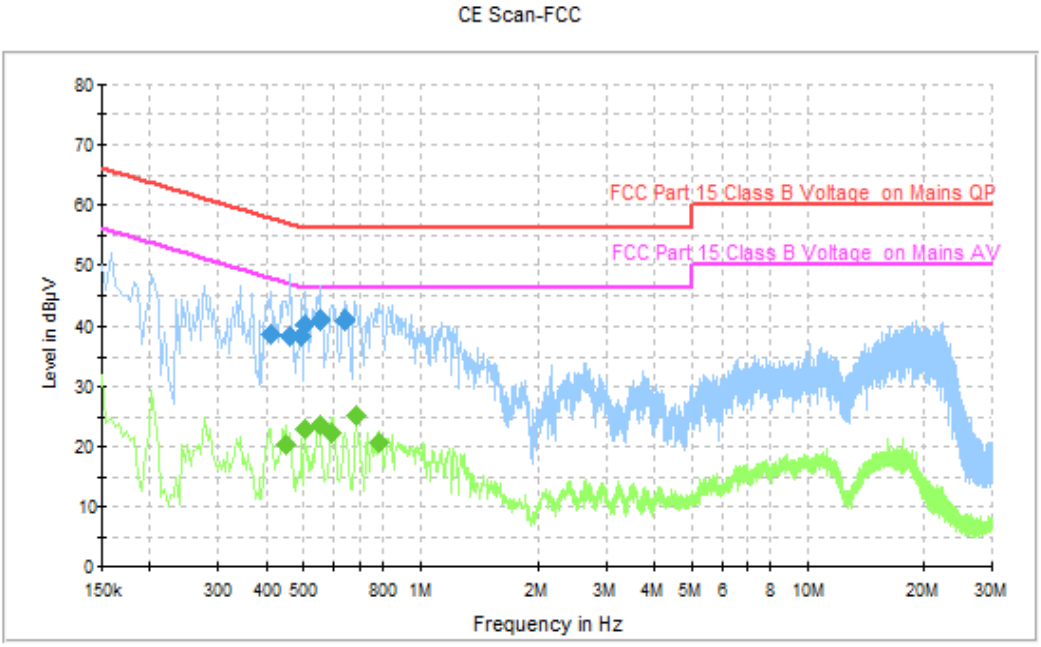


Figure A.2.5. Conducted Emission(Camera)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P_{Mea} (dBµV)
0.410000	38.7	57.6	19.0	N	9.6	29.10
0.462000	38.4	56.7	18.2	N	9.7	28.7
0.494000	38.3	56.1	17.8	N	9.7	28.60
0.502000	40.2	56.0	15.8	N	9.7	30.50
0.550000	41.1	56.0	14.9	N	9.7	31.4
0.642000	41.0	56.0	15.0	N	9.6	31.40

Final_Result_AVG

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P_{Mea} (dBµV)
0.450000	20.3	46.9	26.6	N	9.7	10.60
0.502000	22.8	46.0	23.2	N	9.7	13.1
0.550000	23.4	46.0	22.6	N	9.7	13.70
0.590000	22.4	46.0	23.6	N	9.6	12.80
0.686000	25.1	46.0	20.9	N	9.6	15.5
0.782000	20.6	46.0	25.4	N	9.6	11.00

AC Input Port/ Voltage: 240V/60Hz

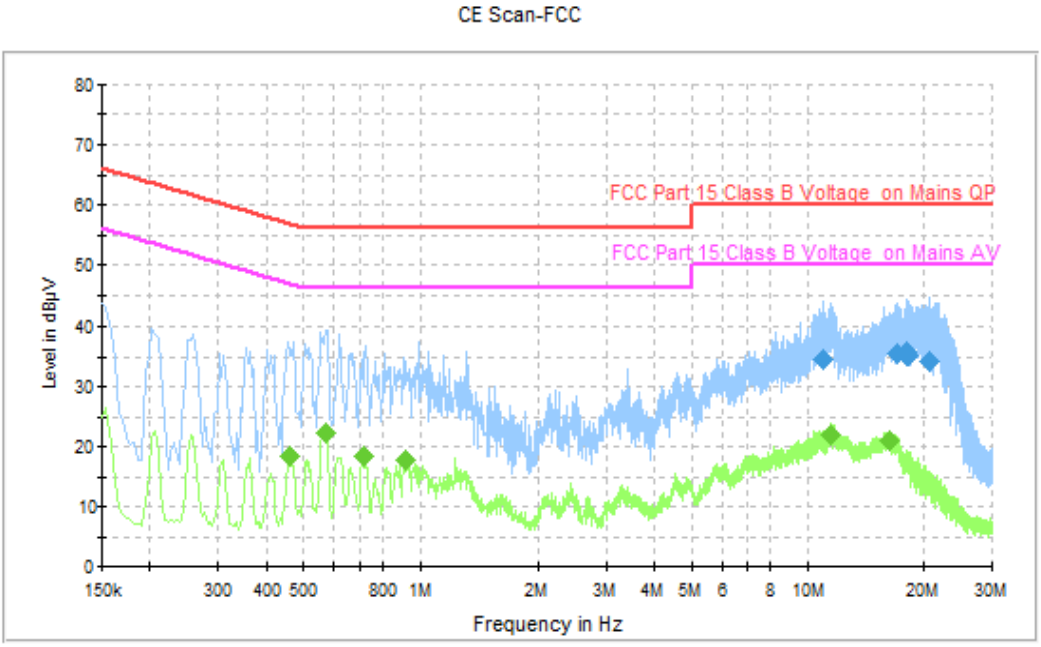


Figure A.2.6. Conducted Emission(Camera)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P_{Mea} (dBµV)
10.894000	34.5	60.0	25.5	N	9.9	24.60
17.054000	35.6	60.0	24.4	N	9.9	25.7
18.002000	35.2	60.0	24.8	N	9.9	25.30
18.086000	35.9	60.0	24.1	N	9.9	26.00
18.282000	35.3	60.0	24.7	N	9.9	25.4
20.570000	34.2	60.0	25.8	N	9.9	24.30

Final_Result_AVG

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P_{Mea} (dBµV)
0.462000	18.5	46.7	28.2	N	9.7	8.80
0.570000	22.4	46.0	23.6	N	9.6	12.8
0.718000	18.3	46.0	27.7	N	9.6	8.70
0.918000	17.8	46.0	28.2	N	9.6	8.20
11.494000	21.9	50.0	28.1	N	9.9	12
16.342000	20.8	50.0	29.2	N	9.9	10.90

AC Input Port/ Voltage: 240V/60Hz

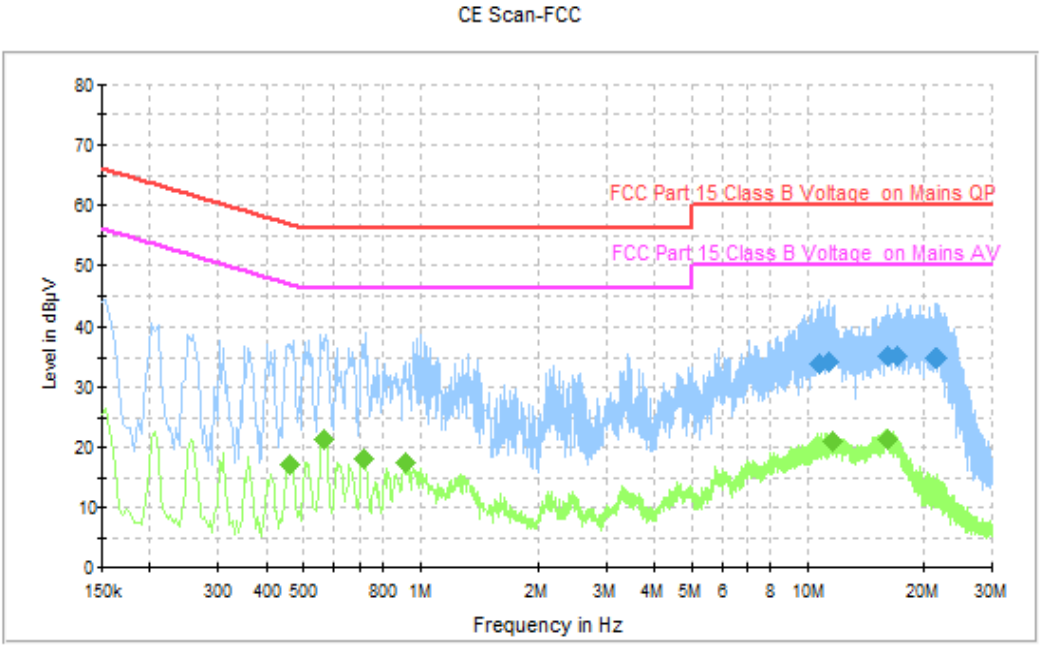


Figure A.2.7. Conducted Emission(Video Player)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P_{Mea} (dBµV)
10.650000	33.8	60.0	26.2	N	9.8	24.00
11.270000	34.1	60.0	25.9	N	9.9	24.2
16.022000	35.1	60.0	24.9	N	9.9	25.20
16.994000	35.2	60.0	24.8	N	9.9	25.30
21.458000	34.9	60.0	25.1	N	9.9	25
21.638000	34.8	60.0	25.2	N	9.9	24.90

Final_Result_AVG

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P_{Mea} (dBµV)
0.462000	17.1	46.7	29.6	N	9.7	7.40
0.562000	21.3	46.0	24.7	N	9.6	11.7
0.714000	18.0	46.0	28.0	N	9.6	8.40
0.918000	17.4	46.0	28.6	N	9.6	7.80
11.614000	21.1	50.0	28.9	N	9.9	11.2
16.106000	21.3	50.0	28.7	N	9.9	11.40

AC Input Port/ Voltage: 240V/60Hz

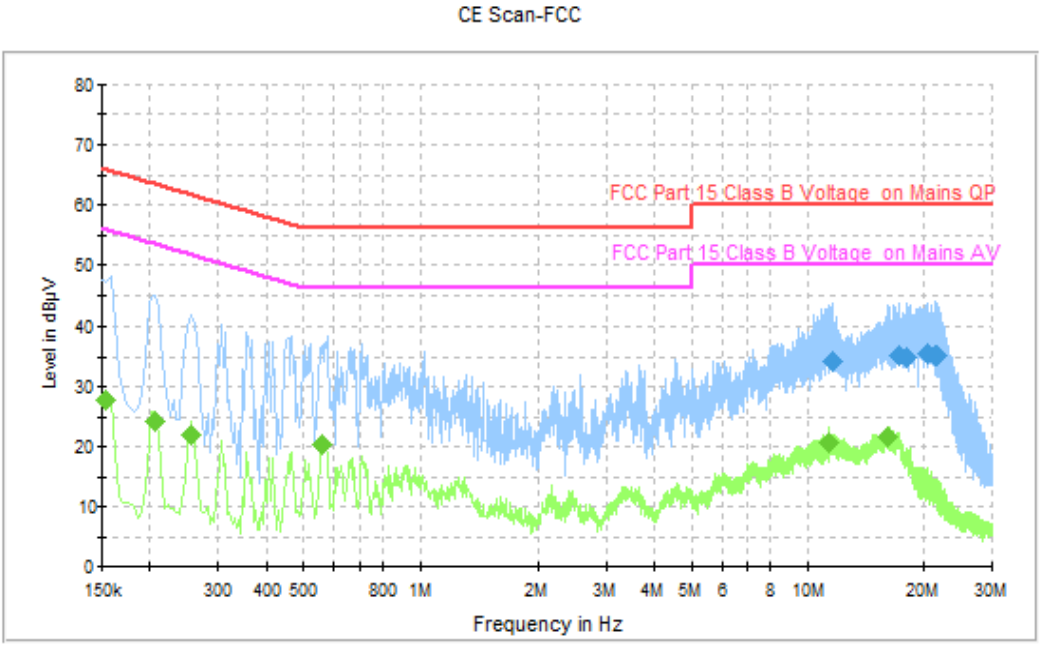


Figure A.2.8. Conducted Emission(FM receiver)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P_{Mea} (dBµV)
11.618000	34.3	60.0	25.7	N	9.9	24.40
17.150000	35.3	60.0	24.7	N	9.9	25.4
17.974000	35.0	60.0	25.0	N	9.9	25.10
20.526000	35.6	60.0	24.4	N	9.9	25.70
21.466000	35.2	60.0	24.8	N	9.9	25.3
21.654000	35.0	60.0	25.0	N	9.9	25.10

Final_Result_AVG

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P_{Mea} (dBµV)
0.154000	27.6	55.8	28.2	N	9.6	18.00
0.206000	24.1	53.4	29.3	N	9.6	14.5
0.254000	21.8	51.6	29.8	N	9.6	12.20
0.558000	20.4	46.0	25.6	N	9.6	10.80
11.386000	20.6	50.0	29.4	N	9.9	10.7
16.074000	21.8	50.0	28.2	N	9.9	11.90

AC Input Port/ Voltage: 240V/60Hz

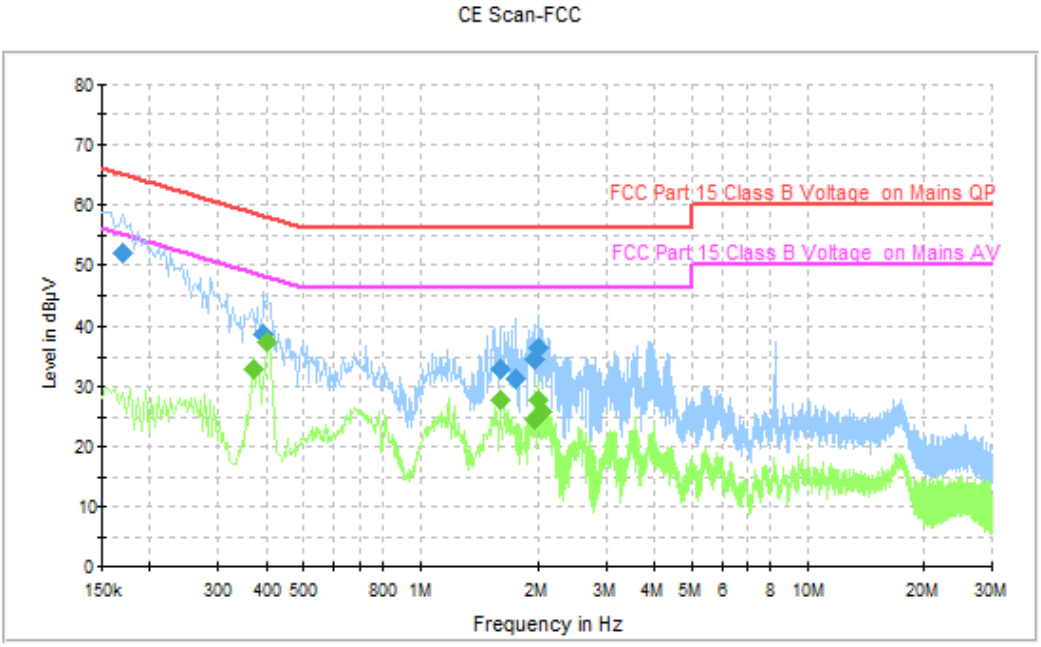


Figure A.2.9. Conducted Emission(Data Transfer)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P_{Mea} (dBµV)
0.170000	51.9	65.0	13.1	N	9.6	42.30
0.394000	38.8	58.0	19.2	N	9.6	29.2
1.594000	33.1	56.0	22.9	N	9.6	23.50
1.750000	31.3	56.0	24.7	N	9.6	21.70
1.962000	34.4	56.0	21.6	N	9.6	24.8
0.170000	51.9	56.0	19.5	N	9.6	42.30

Final_Result_AVG

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P_{Mea} (dBµV)
0.370000	32.9	48.5	15.6	N	9.6	23.30
0.402000	37.5	47.8	10.3	N	9.6	27.9
1.594000	27.8	46.0	18.2	N	9.6	18.20
1.962000	24.6	46.0	21.4	N	9.6	15.00
2.006000	27.8	46.0	18.2	N	9.6	18.2
2.042000	25.7	46.0	20.3	N	9.6	16.10

AC Input Port/ Voltage: 240V/60Hz

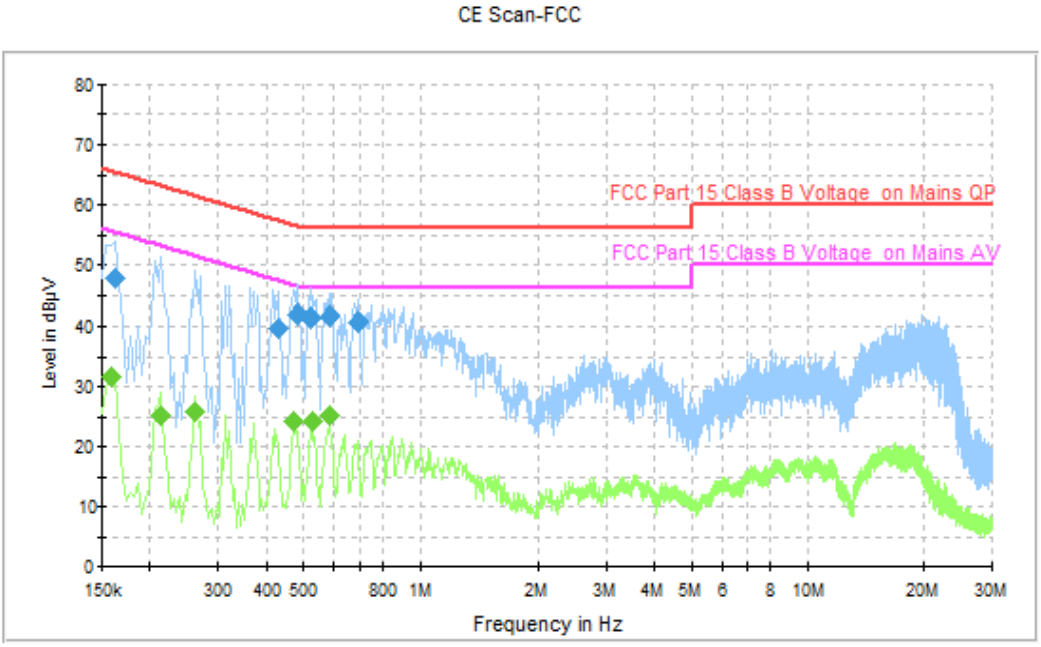


Figure A.2.10. Conducted Emission(Camera)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P_{Mea} (dBµV)
0.162000	47.8	65.4	17.5	N	9.6	38.20
0.430000	39.8	57.3	17.4	N	9.7	30.1
0.482000	41.8	56.3	14.5	N	9.7	32.10
0.522000	41.2	56.0	14.8	N	9.7	31.50
0.582000	41.7	56.0	14.3	N	9.6	32.1
0.690000	40.8	56.0	15.2	N	9.6	31.20

Final_Result_AVG

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P_{Mea} (dBµV)
0.158000	31.7	55.6	23.8	N	9.6	22.10
0.214000	25.1	53.0	27.9	N	9.6	15.5
0.262000	25.9	51.4	25.5	N	9.6	16.30
0.470000	24.3	46.5	22.2	N	9.7	14.60
0.530000	24.2	46.0	21.8	N	9.7	14.5
0.582000	25.2	46.0	20.8	N	9.6	15.60

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