



TESTREPORT

No.I21N00721-EMC

TCL Communication Ltd.

Tablet PC

Model Name: 9080G

With

Hardware Version:PIO

Software Version:6A58

FCC ID:2ACCJB152

Issued Date: 2021-05-07

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



No.I21N00721-EMC

REPORT HISTORY

Report Number	Revision	Description	Issue Date
I21N00721-EMC	Rev.0	1st edition	2021-05-07

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	Tablet PC
Model Name	9080G
Applicant's name	TCL Communication Ltd.
Manufacturer's Name	TCL Communication Ltd.

1.2. Test Standards

FCC Part 15, Subpart B10-1-2019 Edition; ANSI C63.4 2014

1.3. Test Result

Pass

Total test 2 items, pass 2 items. Please refer to "6.2 Summary of Measurement Results"

1.4. Testing Location

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

1.5. Project data

Testing Start Date: 2021-03-05

Testing End Date: 2021-04-25

1.6. Signature



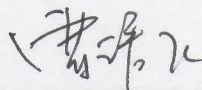
MaShoujian

(Prepared this test report)



Zhang Yunzhuan

(Reviewed this test report)



Cao Junfei

(Approved this test report)



2. ClientInformation

2.1. Applicant Information

Company Name: TCL Communication Ltd.
Address: 5/F, Building 22E, 22 Science Park East Avenue, Hong Kong Science
Park, Shatin, NT, Hong Kong
Contact Gong Zhizhou
Email zhizhou.gong@tcl.com
Tel. 0086-755-36611722
Fax 0086-755-36612000-81722

2.2. Manufacturer Information

Company Name: TCL Communication Ltd.
Address: 5/F, Building 22E, 22 Science Park East Avenue, Hong Kong Science
Park, Shatin, NT, Hong Kong
Contact Gong Zhizhou
Email zhizhou.gong@tcl.com
Tel. 0086-755-36611722
Fax 0086-755-36612000-81722

3. Equipment UnderTest (EUT) and Ancillary Equipment (AE)

3.1. About EUT

Description	Tablet PC
Model Name	9080G
FCC ID	2ACCJB152
Antenna Type	Internal Antenna
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
UT06aa	353864600001285	PIO	6A58	2021-03-08
UT07aa	353864600001301	PIO	6A58	2021-03-08
UT10aa	359337660000046	PIO	6A58	2021-04-07

*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	TLp053C1
S/N	CAC5360010C1
Manufacturer	BYD
Capacity	7800mAh
Nominal Voltage	3.85v
AE2-1	
Model	QC13US(CBA0064BGTC1)
Manufacturer	BYD
AE2-2	
Model	QC13US(CBA0064BGTC5)
Manufacturer	PUAN
AE3-1	
Model	CDA0000128C2
Manufacturer	SHENGHUA
AE3-2	



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Model	CDA0000128C1
Manufacturer	JUWEI
AE4-1	
Model	/
Manufacturer	/

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

AE: ancillary equipment

AE4: just for testing

3.4. EUT set-ups

EUT set-up No.

Set.1
Set.2
Set.3
Set.4
Set.5

Combination of EUT and AE

EUT+AE1+AE2-1+AE3-1
EUT+AE1+AE2-2+AE3-2
EUT+AE1+AE3-1+PC
EUT+AE1+AE3-2+PC
EUT+AE1+AE4-1

3.5. General Description

The Equipment Under Test (EUT) is a model of Tablet PC with internal antenna.

It supports GSM 850/900/1800/1900MHz, WCDMA Bands 1/2/4/5/8, and LTE Bands 1/2/3/4/5/7/8/17/18/19/20/26/28/34/38/39/40/41.

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

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

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	10-1-2019 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℃
Relative Humidity: 20~75%
Atmospheric pressure 86~106kPa

6.2. Summary of Measurement Results

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

Items	Test Name	Clause in FCC rules	Section in this report	Verdict
1	Radiated Emission	15.109(a)	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	4.84dB(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	PRODUCER	CAL. DUE DATE	CAL PERIOD
1.	Test Receiver	ESR7	101676	R&S	2021.12.25	1 year
2.	Test Receiver	ESCI	100701	R&S	2021.08.09	1 year
3.	Spectrum Analyzer	FSV40	101192	R&S	2022.01.13	1 year
4.	BiLog Antenna	3142E	0224831	ETS-Lindgren	2021.05.17	3 years
5.	LISN	ENV216	102067	R&S	2021.07.16	1 year
6.	Horn Antenna	3117	00066577	ETS-Lindgren	2022.04.02	3 years
7.	Horn Antenna	QSH-SL-18-26-S-20	17013	Q-par	2023.01.06	3 years
8.	Horn Antenna	QSH-SL-8-26-40-K-20	17014	Q-par	2023.01.06	3 years
9.	Universal Radio Communication Tester	CMU200	114545	R&S	2022.01.13	1 year
10.	Universal Radio Communication Tester	CMW500	152499	R&S	2021.07.16	1 year
11.	Signal Generator	SMB100A	179725	R&S	2021.11.25	1 year
12.	Chamber	FACT3-2.0	1285	ETS-Lindgren	2021.07.19	2 years
13.	Software	EMC32	V10.50.40	R&S	/	/

Note: CAL.: Calibration

9. Test Accessory Utilized

NO.	NAME	TYPE	SERIES NUMBER	PRODUCER	CAL DUE 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: CFR 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:

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

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 MS 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 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 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 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 Band 5, LTE Band 5, LTE Band 17,LTE Band 18, LTE Band 19, LTE Band 26.

The EUT was tested while operating in licensed band Rx mode. All licensed band receivers that tune in the range of 30MHz-960MHz, are investigated. Only the worst case emissions are reported.

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

A.1.3 Measurement Limit

Limit from CFR Part 15.109(a)

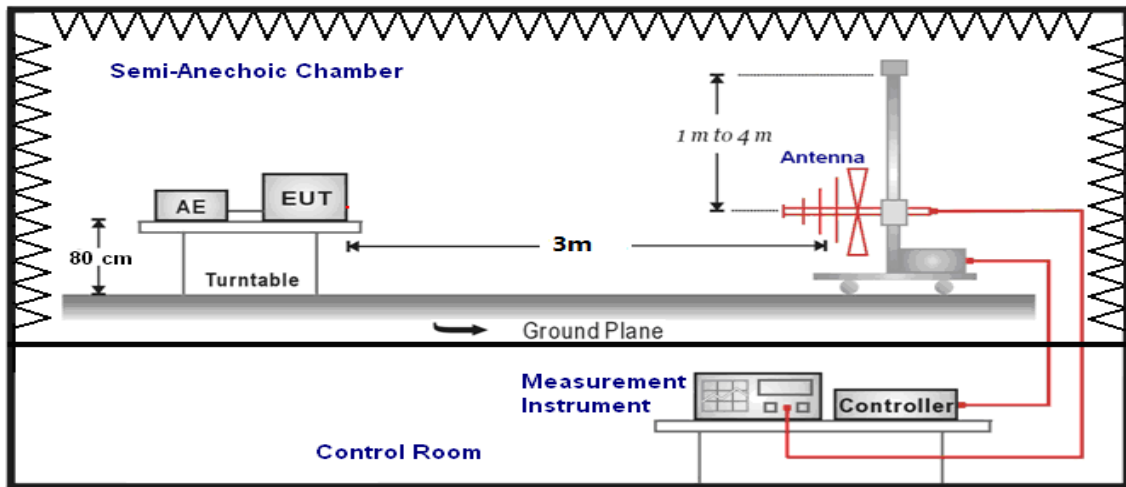
Frequency range (MHz)	Field strength limit ($\mu\text{V/m}$)		
	Quasi-peak	Average	Peak
30-88	100		
88-216	150		
216-960	200		
960-1000	500		
>1000		500	5000

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

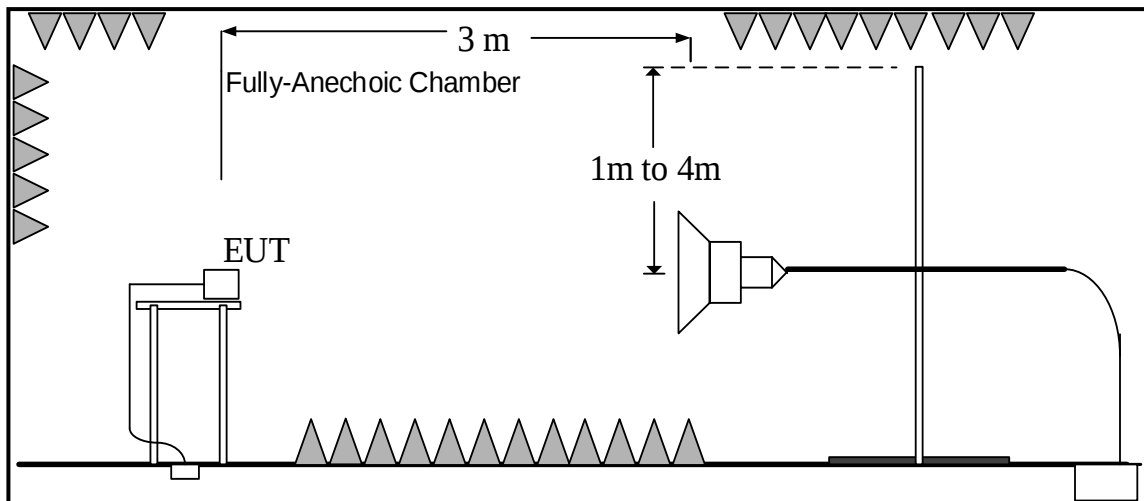
A.1.4 Test Condition

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

A.1.5 Test set-up: 30MHz-1GHz



1GHz-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(dBμV/m) / Average(dBμV/m)/Peak(dBμV/m)

Note: the result contains vertical part and Horizontal part

GSM Receiver 850MHz

Frequency range (MHz)	Quasi-Peak Limit (dB μ V/m)	Result (dB μ V/m) UT06aa/Set.1	Conclusion
30-88	40.00	See Fugure A.1.1.	P
88-216	43.50		
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) UT06aa/Set.1	Conclusion
1000 to 18000	54	74	See Fugure A.1.2.	P
18000 to 26500			See Fugure A.1.3.	P
26500 to 30000			See Fugure A.1.4.	P

WCDMA Receiver Band 5

Frequency range (MHz)	Quasi-Peak Limit (dB μ V/m)	Result (dB μ V/m) UT06aa/Set.1	Conclusion
30-88	40.00	See Fugure A.1.5.	P
88-216	43.50		
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) UT06aa/Set.1	Conclusion
1000 to 18000	54	74	See Fugure A.1.6.	P
18000 to 26500			See Fugure A.1.7.	P
26500 to 30000			See Fugure A.1.8.	P

LTE Receiver Band 5

Frequency range (MHz)	Quasi-Peak Limit (dB μ V/m)	Result (dB μ V/m) UT06aa/Set.1	Conclusion
30-88	40.00	See Fugure A.1.9.	P
88-216	43.50		
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) UT06aa/Set.1	Conclusion
1000 to 18000	54	74	See Fugure A.1.10.	P
18000 to 26500			See Fugure A.1.11.	P
26500 to 30000			See Fugure A.1.12.	P

LTE Receiver Band 17

Frequency range (MHz)	Quasi-Peak Limit (dB μ V/m)	Result (dB μ V/m) UT06aa/Set.1	Conclusion
30-88	40.00	See Fugure A.1.13.	P
88-216	43.50		
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) UT06aa/Set.1	Conclusion
1000 to 18000	54	74	See Fugure A.1.14.	P
18000 to 26500			See Fugure A.1.15.	P
26500 to 30000			See Fugure A.1.16.	P

LTE Receiver Band 18

Frequency range (MHz)	Quasi-Peak Limit (dB μ V/m)	Result (dB μ V/m) UT06aa/Set.1	Conclusion
30-88	40.00	See Fugure A.1.17.	P
88-216	43.50		
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) UT06aa/Set.1	Conclusion
1000 to 18000	54	74	See Fugure A.1.18.	P
18000 to 26500			See Fugure A.1.19.	P
26500 to 30000			See Fugure A.1.20.	P

LTE Receiver Band 19

Frequency range (MHz)	Quasi-Peak Limit (dB μ V/m)	Result (dB μ V/m) UT06aa/Set.1	Conclusion
30-88	40.00	See Fugure A.1.21.	P
88-216	43.50		
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) UT06aa/Set.1	Conclusion
1000 to 18000	54	74	See Fugure A.1.22.	P
18000 to 26500			See Fugure A.1.23.	P
26500 to 30000			See Fugure A.1.24.	P

LTE Receiver Band 26

Frequency range (MHz)	Quasi-Peak Limit (dB μ V/m)	Result (dB μ V/m) UT06aa/Set.1	Conclusion
30-88	40.00	See Fugure A.1.25.	P
88-216	43.50		
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) UT06aa/Set.1	Conclusion
1000 to 18000	54	74	See Fugure A.1.26.	P
18000 to 26500			See Fugure A.1.27.	P
26500 to 30000			See Fugure A.1.28.	P

LTE Receiver Band 18

Frequency range (MHz)	Quasi-Peak Limit (dB μ V/m)	Result (dB μ V/m) UT10aa/Set.2	Conclusion
30-88	40.00	See Fugure A.1.29.	P
88-216	43.50		
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) UT10aa/Set.2	Conclusion
1000 to 18000	54	74	See Fugure A.1.30.	P
18000 to 26500			See Fugure A.1.31.	P
26500 to 30000			See Fugure A.1.32.	P

FM receiver

Frequency range (MHz)	Quasi-Peak Limit (dB μ V/m)	Result (dB μ V/m)	Conclusion
		UT06aa/Set.5	
30-88	40.00	See Fugure A.1.33.	P
88-216	43.50		
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
			UT06aa/Set.5	
1000 to 18000	54	74	See Fugure A.1.34.	P
18000 to 26500			See Fugure A.1.35.	P
26500 to 30000			See Fugure A.1.36.	P

Video Player

Frequency range (MHz)	Quasi-Peak Limit (dB μ V/m)	Result (dB μ V/m)	Conclusion
		UT06aa/Set.1	
30-88	40.00	See Fugure A.1.37.	P
88-216	43.50		
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
			UT06aa/Set.1	
1000 to 18000	54	74	See Fugure A.1.38.	P
18000 to 26500			See Fugure A.1.39.	P
26500 to 30000			See Fugure A.1.40.	P

Camera

Frequency range (MHz)	Quasi-Peak Limit (dB μ V/m)	Result (dB μ V/m)	Conclusion
		UT06aa/Set.1	
30-88	40.00	See Fugure A.1.41.	P
88-216	43.50		
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
			UT06aa/Set.1	
1000 to 18000	54	74	See Fugure A.1.42.	P
18000 to 26500			See Fugure A.1.43.	P
26500 to 30000			See Fugure A.1.44.	P

Video Player

Frequency range (MHz)	Quasi-Peak Limit (dB μ V/m)	Result (dB μ V/m)	Conclusion
		UT10aa/Set.2	
30-88	40.00	See Fugure A.1.45.	P
88-216	43.50		
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
			UT10aa/Set.2	
1000 to 18000	54	74	See Fugure A.1.46.	P
18000 to 26500			See Fugure A.1.47.	P
26500 to 30000			See Fugure A.1.48.	P

Data Transfer : EUT to PC

Frequency range (MHz)	Quasi-Peak Limit (dB μ V/m)	Result (dB μ V/m)	Conclusion
		UT06aa/Set.3	
30-88	40.00	See Fugure A.1.49.	P
88-216	43.50		
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
			UT06aa/Set.3	
1000 to 18000	54	74	See Fugure A.1.50.	P
18000 to 26500			See Fugure A.1.51.	P
26500 to 30000			See Fugure A.1.52.	P

Data Transfer : PC to EUT

Frequency range (MHz)	Quasi-Peak Limit (dB μ V/m)	Result (dB μ V/m)	Conclusion
		UT06aa/Set.3	
30-88	40.00	See Fugure A.1.53.	P
88-216	43.50		
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
			UT06aa/Set.3	
1000 to 18000	54	74	See Fugure A.1.54.	P
18000 to 26500			See Fugure A.1.55.	P
26500 to 30000			See Fugure A.1.56.	P

Data Transfer : PC to TF Card

Frequency range (MHz)	Quasi-Peak Limit (dB μ V/m)	Result (dB μ V/m)	Conclusion
		UT06aa/Set.3	
30-88	40.00	See Fugure A.1.57.	P
88-216	43.50		
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
			UT06aa/Set.3	
1000 to 18000	54	74	See Fugure A.1.58.	P
18000 to 26500			See Fugure A.1.59.	P
26500 to 30000			See Fugure A.1.60.	P

Data Transfer : TF Card to PC

Frequency range (MHz)	Quasi-Peak Limit (dB μ V/m)	Result (dB μ V/m)	Conclusion
		UT06aa/Set.3	
30-88	40.00	See Fugure A.1.61.	P
88-216	43.50		
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
			UT06aa/Set.3	
1000 to 18000	54	74	See Fugure A.1.62.	P
18000 to 26500			See Fugure A.1.63.	P
26500 to 30000			See Fugure A.1.64.	P

Data Transfer : EUT to PC

Frequency range (MHz)	Quasi-Peak Limit (dB μ V/m)	Result (dB μ V/m)	Conclusion
		UT10aa/Set.4	
30-88	40.00	See Fugure A.1.65.	P
88-216	43.50		
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
			UT10aa/Set.4	
1000 to 18000	54	74	See Fugure A.1.66.	P
18000 to 26500			See Fugure A.1.67.	P
26500 to 30000			See Fugure A.1.68.	P

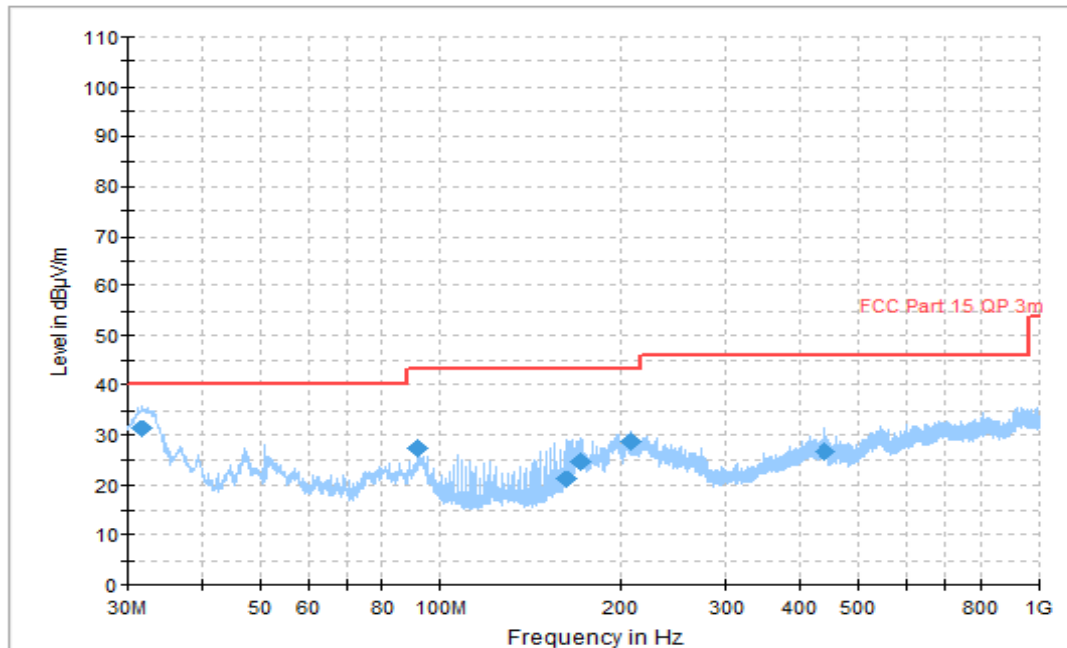


Figure A.1.1. Radiated Emission (GSM Receiver 850MHz, 30MHz to 1GHz)

Final_Result

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	ARpl (dB/m)	P _{Mea} (dBμV)
31.724444	31.26	40.00	8.74	V	-6.8	38.06
91.708889	27.29	43.50	16.21	V	-14.9	42.19
161.967778	21.37	43.50	22.13	V	-12.8	34.17
171.158889	24.78	43.50	18.72	V	-12.8	37.58
207.827222	28.84	43.50	14.66	H	-11.3	40.14
440.178333	26.67	46.00	19.33	H	-4.3	30.97

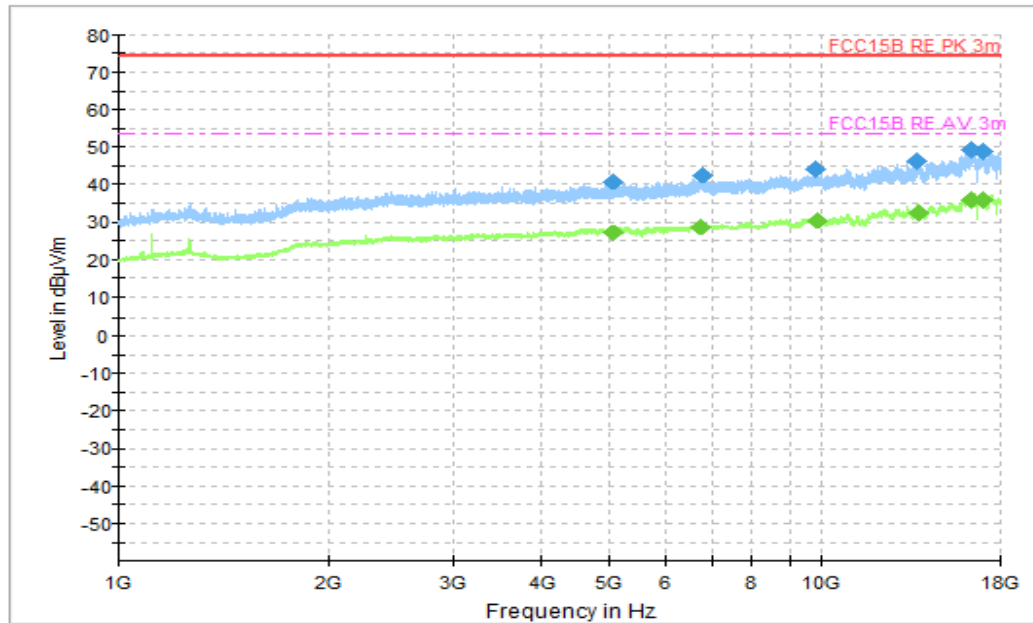


Figure A.1.2. Radiated Emission (GSM Receiver 850MHz,1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	PMea (dBμV)
5055.500000	41.04	74.00	32.96	H	0.8	40.24
6789.500000	42.53	74.00	31.47	H	3.5	39.03
9856.500000	44.15	74.00	29.85	V	6.4	37.75
13752.000000	46.17	74.00	27.83	H	8.9	37.27
16437.500000	49.31	74.00	24.69	V	14.6	34.71
16982.500000	49.03	74.00	24.97	H	14.8	34.23

Final_Results_AVG

Frequency(MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	PMea (dBμV)
5056.500000	27.44	54.00	26.56	H	0.8	26.64
6769.500000	29.01	54.00	24.99	H	3.5	25.51
9871.500000	30.37	54.00	23.63	V	6.4	23.97
13808.000000	32.74	54.00	21.26	H	9.0	23.74
16448.000000	36.14	54.00	17.86	H	14.7	21.44
17005.500000	36.08	54.00	17.92	V	14.8	21.28



Figure A.1.3. Radiated Emission (GSM Receiver 850MHz,18GHz to 26.5GHz)

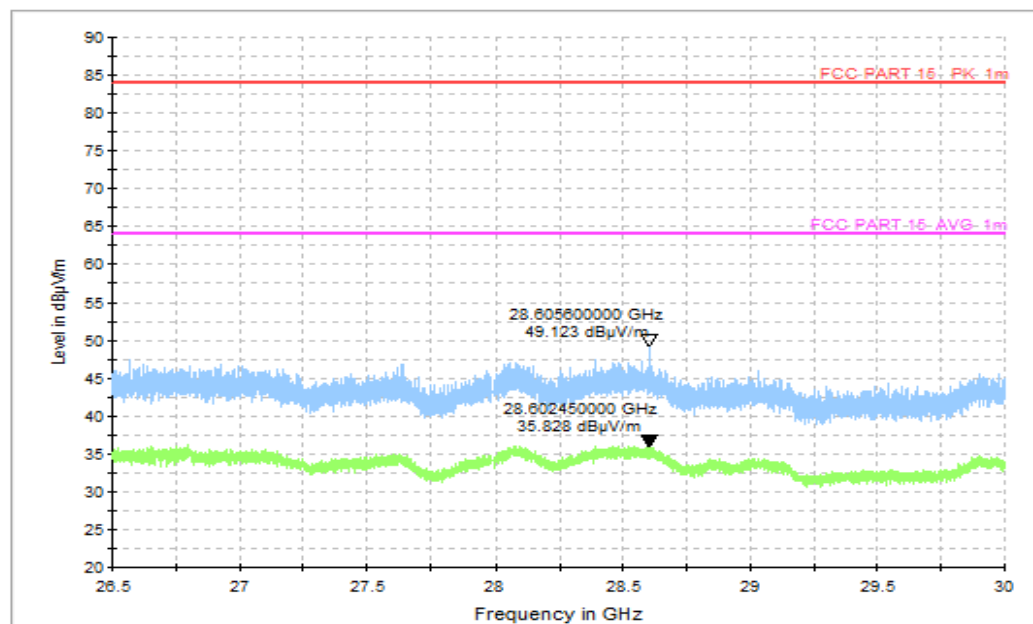


Figure A.1.4. Radiated Emission (GSM Receiver 850MHz,26.5GHz to 30GHz)

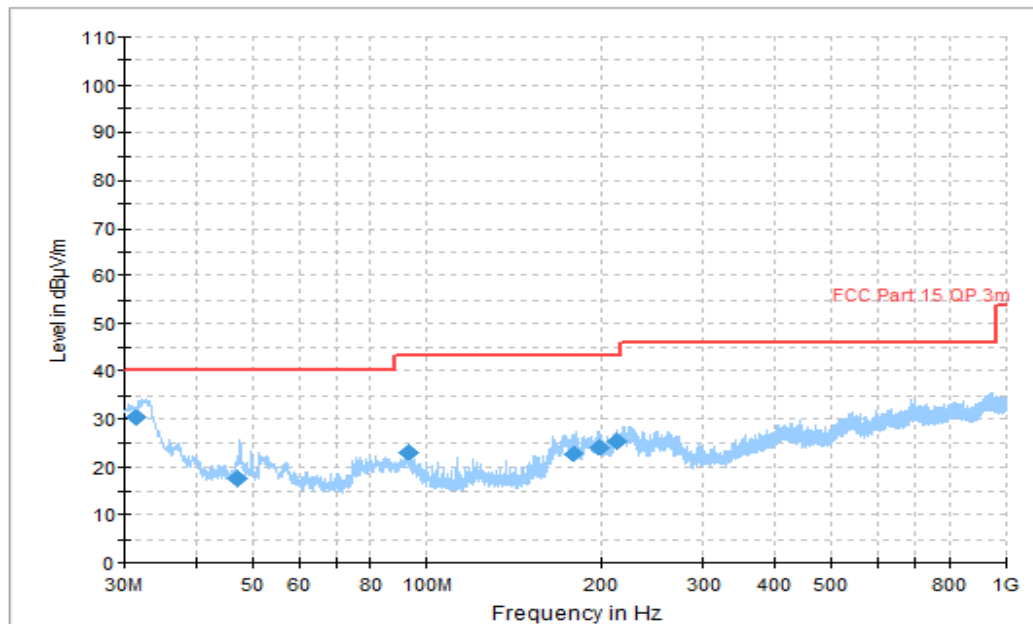


Figure A.1.5. Radiated Emission (WCDMA Receiver Band 5, 30MHz to 1GHz)

Final_Result

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	ARpl (dB/m)	PMea (dBμV)
31.483889	30.22	40.00	9.78	V	-6.7	36.92
46.890000	17.53	40.00	22.47	V	-14.8	32.33
92.779444	23.09	43.50	20.41	V	-14.8	37.89
179.486667	22.70	43.50	20.80	H	-11.9	34.6
199.565000	24.09	43.50	19.41	V	-12.0	36.09
213.187222	25.47	43.50	18.03	H	-11.2	36.67

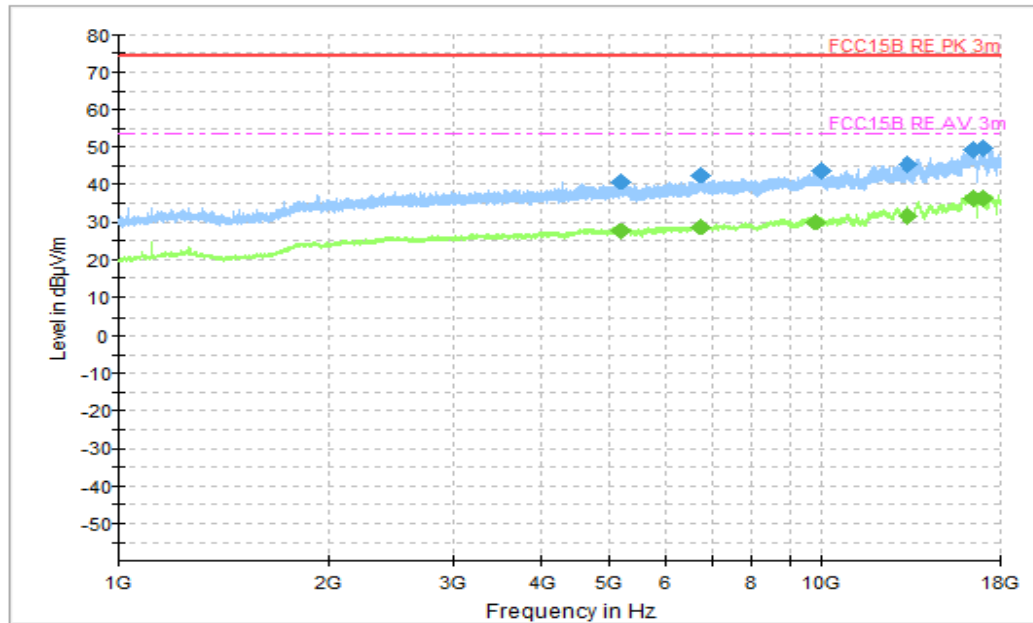


Figure A.1.6. Radiated Emission (WCDMA Receiver Band 5z,1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	PMea (dBμV)
5173.000000	40.97	74.00	33.03	H	1.2	39.77
6774.500000	42.57	74.00	31.43	H	3.5	39.07
10035.500000	43.82	74.00	30.18	V	6.2	37.62
13269.000000	45.57	74.00	28.43	V	8.2	37.37
16499.000000	49.31	74.00	24.69	V	14.7	34.61
17026.000000	49.48	74.00	24.52	V	14.7	34.78

Final_Results_AVG

Frequency(MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	PMea (dBμV)
5169.500000	27.58	54.00	26.42	H	1.2	26.38
6758.500000	29.04	54.00	24.96	H	3.5	25.54
9824.000000	30.16	54.00	23.84	V	6.4	23.76
13278.000000	31.84	54.00	22.16	V	8.3	23.54
16479.500000	36.24	54.00	17.76	H	14.7	21.54
17003.500000	36.20	54.00	17.80	V	14.8	21.4

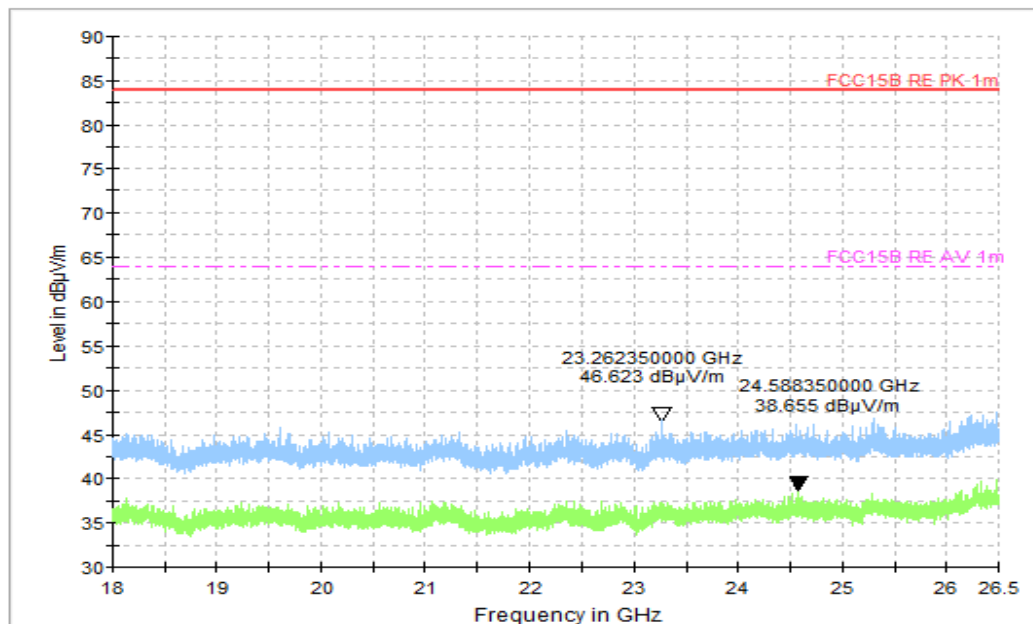


Figure A.1.7. Radiated Emission (WCDMA Receiver Band 5, 18GHz to 26.5GHz)

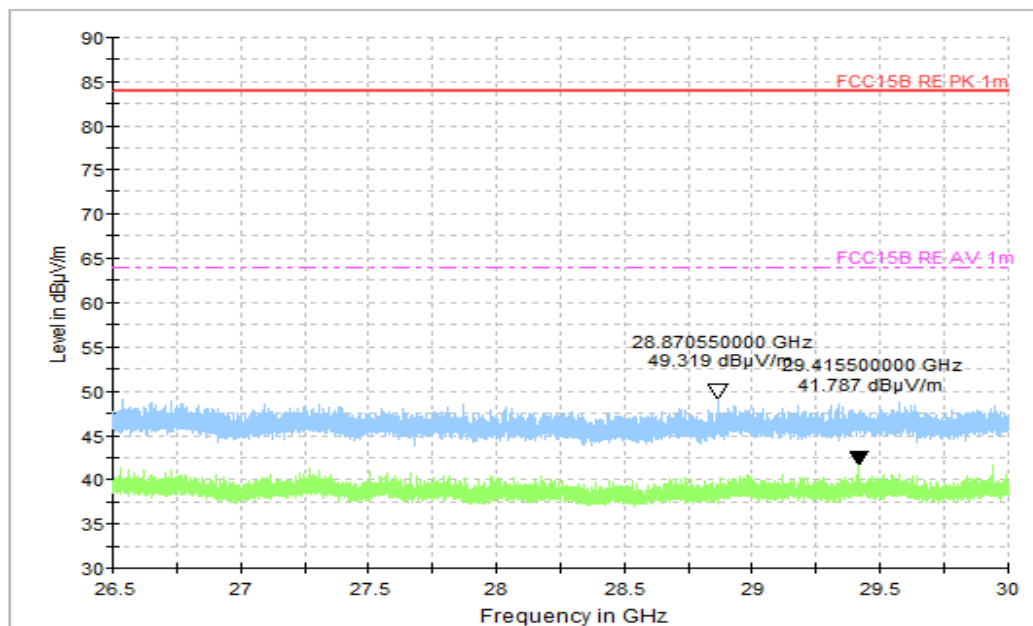


Figure A.1.8. Radiated Emission (WCDMA Receiver Band 5, 26.5GHz to 30GHz)

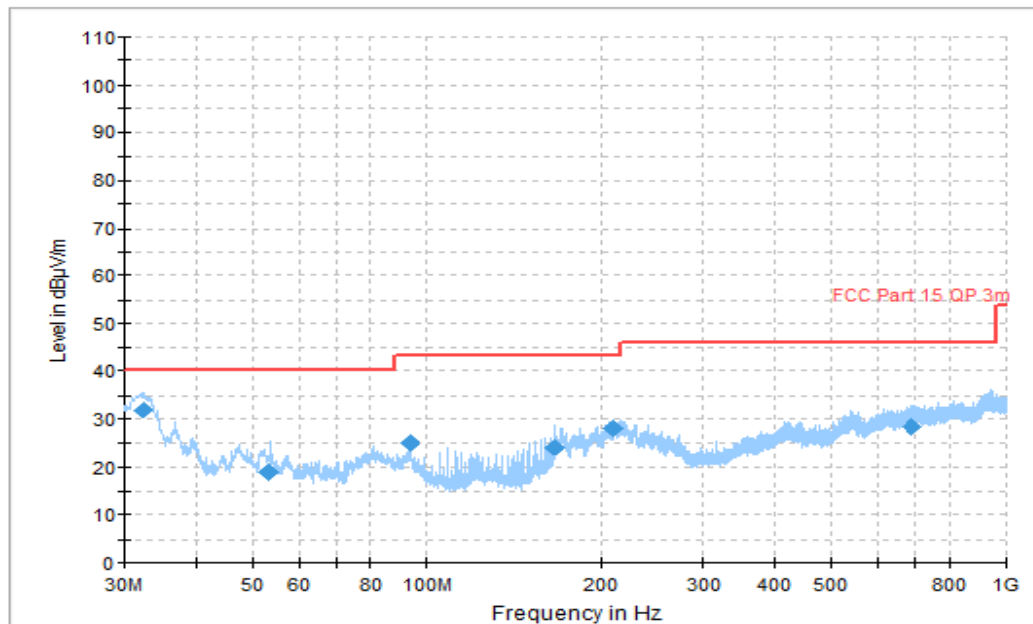


Figure A.1.9. Radiated Emission (LTE Receiver Band 5, 30MHz to 1GHz)

Final_Result

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	ARpl (dB/m)	PMea (dBμV)
32.323889	32.07	40.00	7.93	V	-7.1	39.17
53.482778	18.78	40.00	21.22	V	-15.8	34.58
93.187778	25.14	43.50	18.36	V	-14.8	39.94
166.530556	24.24	43.50	19.26	V	-13.3	37.54
209.318333	27.95	43.50	15.55	H	-11.2	39.15
690.031667	28.45	46.00	17.55	H	1.0	27.45

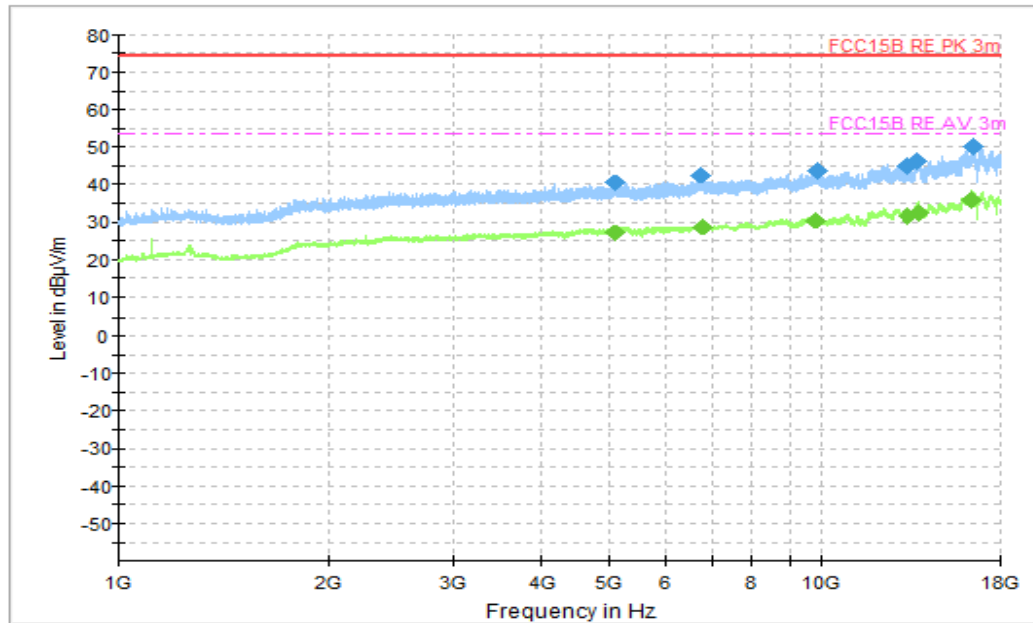


Figure A.1.10. Radiated Emission (LTE Receiver Band 5,1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	PMea (dBμV)
5073.500000	40.74	74.00	33.26	V	0.8	39.94
6774.000000	42.68	74.00	31.32	H	3.5	39.18
9910.500000	43.95	74.00	30.05	H	6.4	37.55
13257.500000	45.15	74.00	28.85	V	8.2	36.95
13767.000000	46.22	74.00	27.78	V	9.0	37.22
16463.000000	50.04	74.00	23.96	V	14.7	35.34

Final_Results_AVG

Frequency(MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	PMea (dBμV)
5100.000000	27.20	54.00	26.80	H	0.9	26.30
6780.000000	28.79	54.00	25.21	V	3.5	25.29
9864.500000	30.50	54.00	23.50	H	6.4	24.1
13287.500000	31.75	54.00	22.25	V	8.3	23.45
13792.000000	32.77	54.00	21.23	H	9.0	23.77
16450.500000	35.98	54.00	18.02	H	14.7	21.28

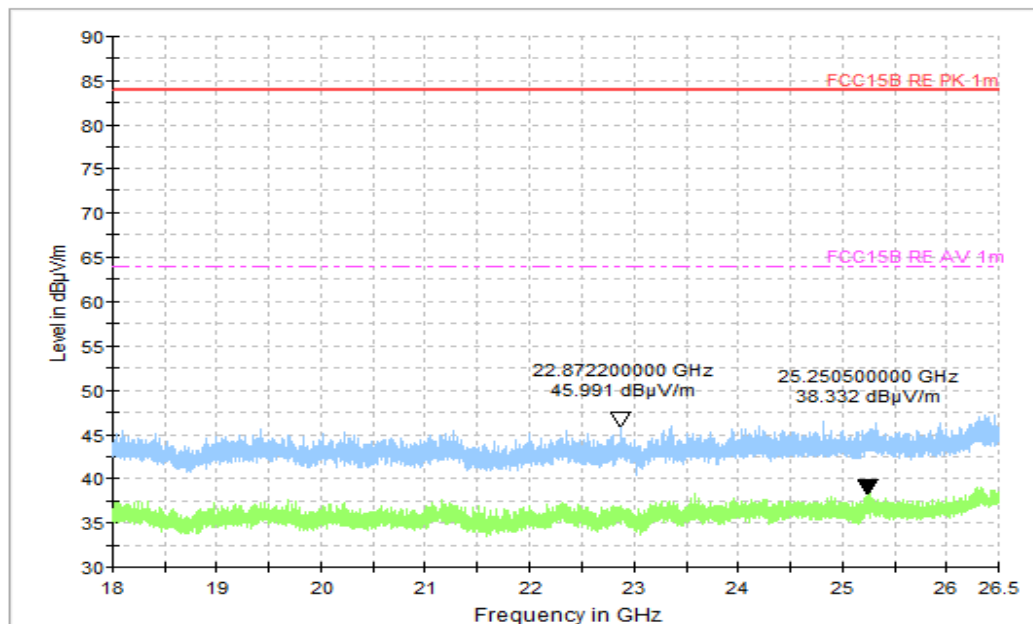


Figure A.1.11. Radiated Emission (LTE Receiver Band 5 ,18GHz to 26.5GHz)

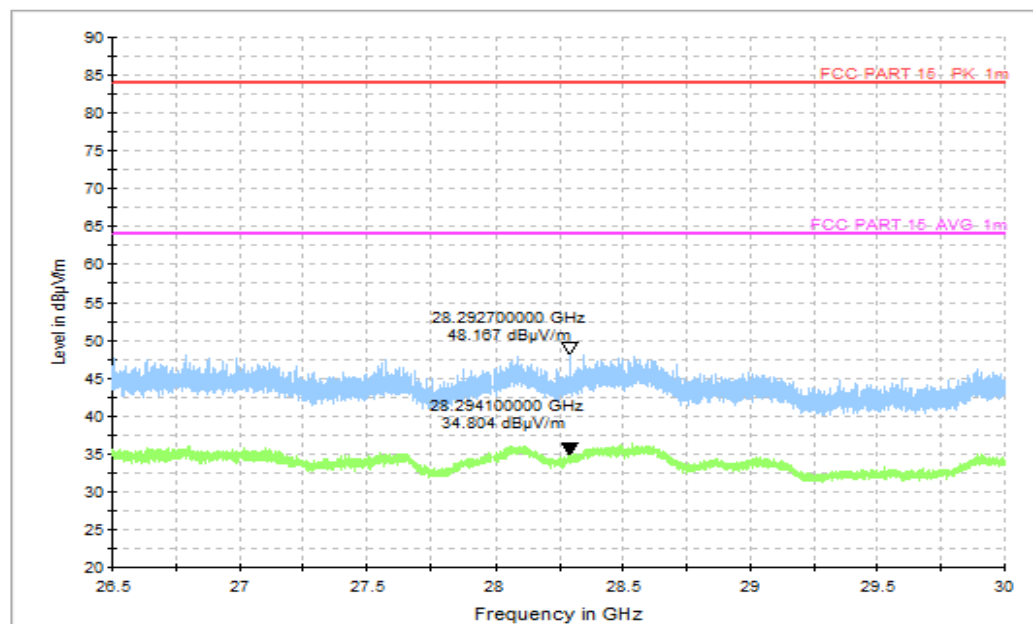


Figure A.1.12. Radiated Emission (LTE Receiver Band 5 , 26.5GHz to 30GHz)

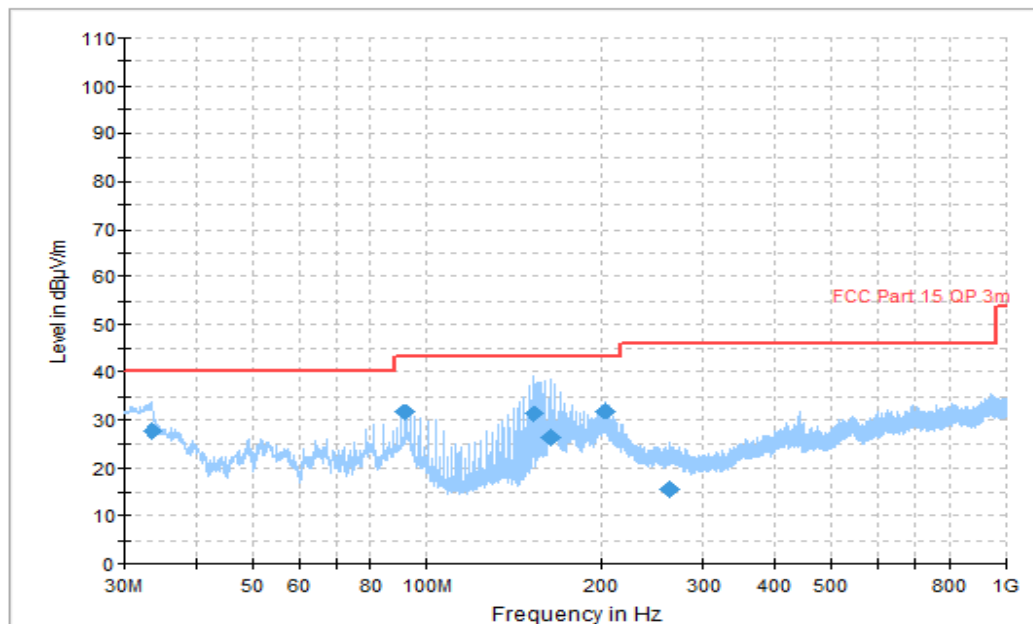


Figure A.1.13. Radiated Emission (LTE Receiver Band 17, 30MHz to 1GHz)

Final_Result

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	ARpl (dB/m)	PMea (dBμV)
33.557222	27.59	40.00	12.41	V	-7.8	35.39
91.636667	31.77	43.50	11.73	V	-14.9	46.67
152.650556	31.38	43.50	12.12	V	-12.2	43.58
163.320556	26.30	43.50	17.20	V	-13.1	39.40
203.246667	31.85	43.50	11.65	H	-11.5	43.35
262.890556	15.62	46.00	30.38	V	-7.9	23.52

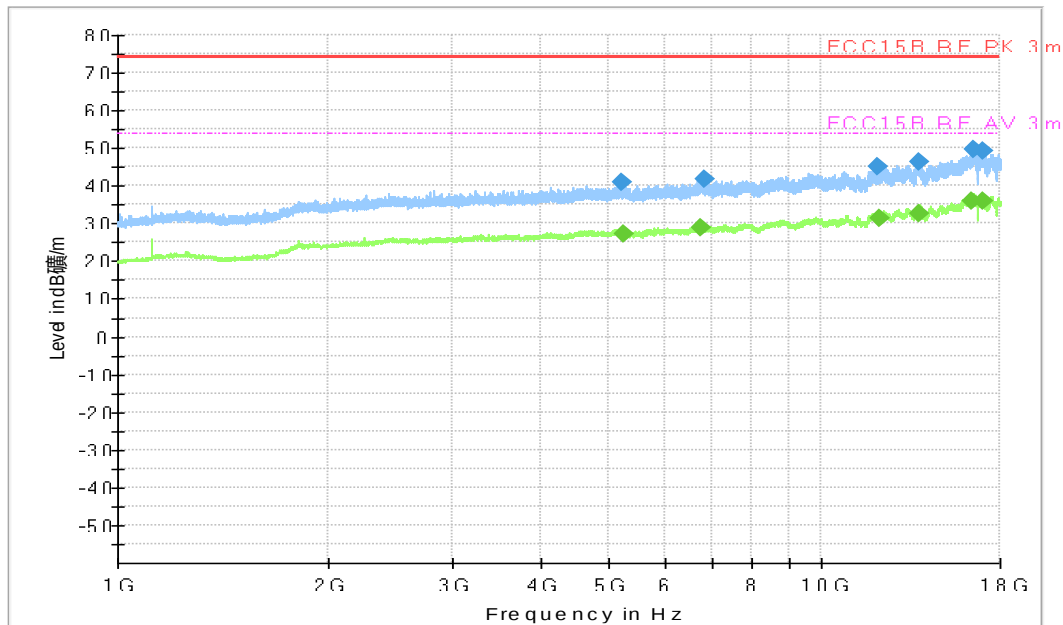


Figure A.1.14. Radiated Emission (LTE Receiver Band 17,,1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	PMea (dBμV)
5201.000000	41.04	74.00	32.96	V	1.3	39.74
6824.500000	41.70	74.00	32.30	H	3.6	38.10
12068.000000	45.01	74.00	28.99	V	8.2	36.81
13772.000000	46.18	74.00	27.82	V	9.0	37.18
16485.000000	49.86	74.00	24.14	V	14.7	35.16
17028.000000	49.32	74.00	24.68	H	14.7	34.62

Final_Results_AVG

Frequency(MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	PMea (dBμV)
5239.500000	27.44	54.00	26.56	H	1.5	25.94
6769.500000	28.80	54.00	25.20	H	3.5	25.30
12123.000000	31.48	54.00	22.52	V	8.2	23.28
13770.500000	32.77	54.00	21.23	V	9.0	23.77
16447.500000	36.11	54.00	17.89	H	14.7	21.41
17023.000000	35.87	54.00	18.13	V	14.7	21.17

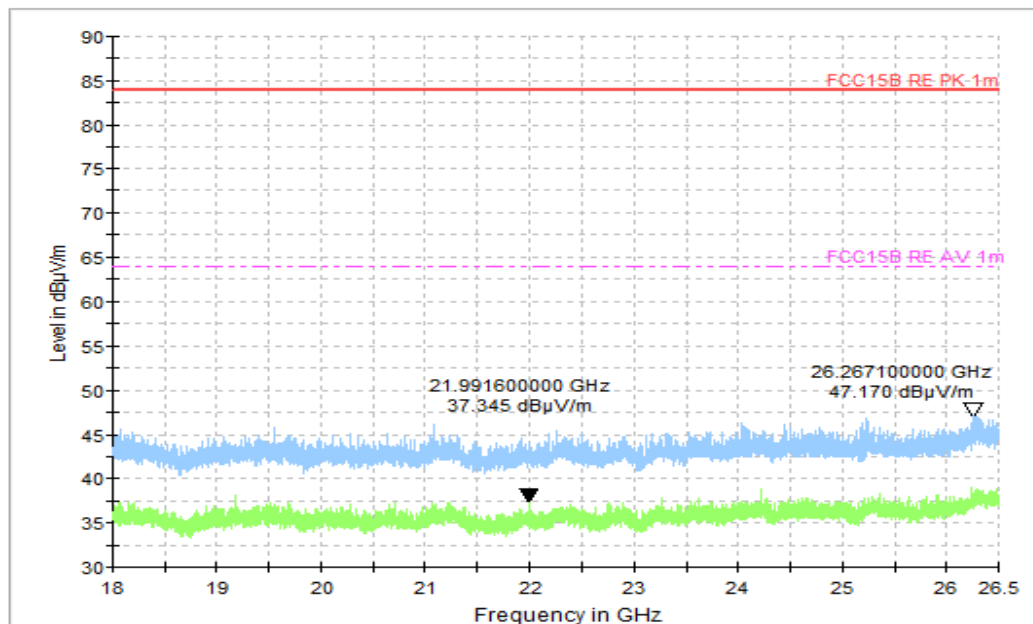


Figure A.1.15. Radiated Emission (LTE Receiver Band 17 ,18GHz to 26.5GHz)

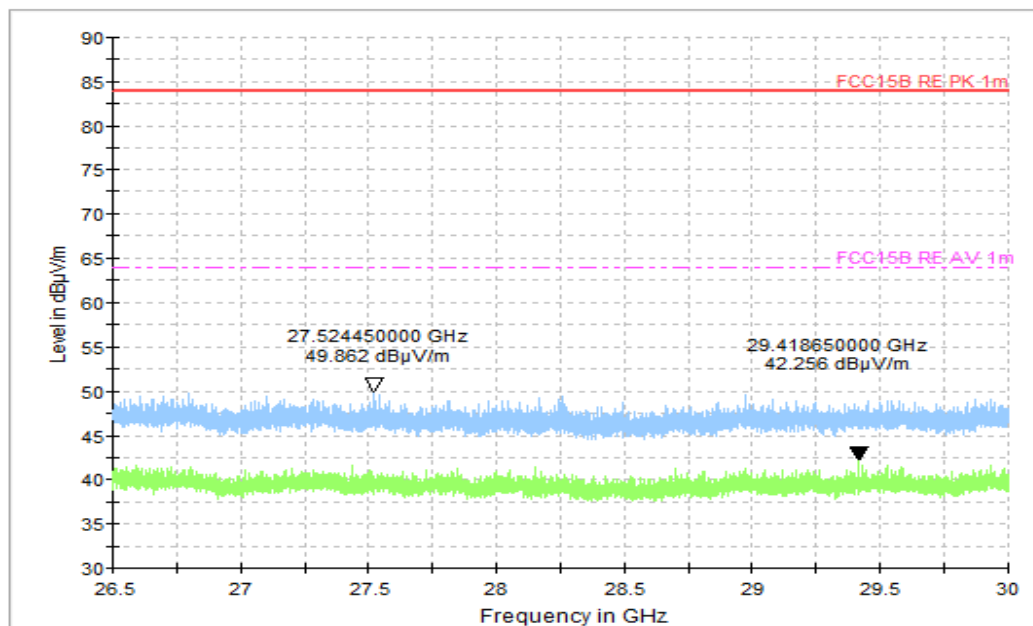


Figure A.1.16. Radiated Emission (LTE Receiver Band 17 , 26.5GHz to 30GHz)

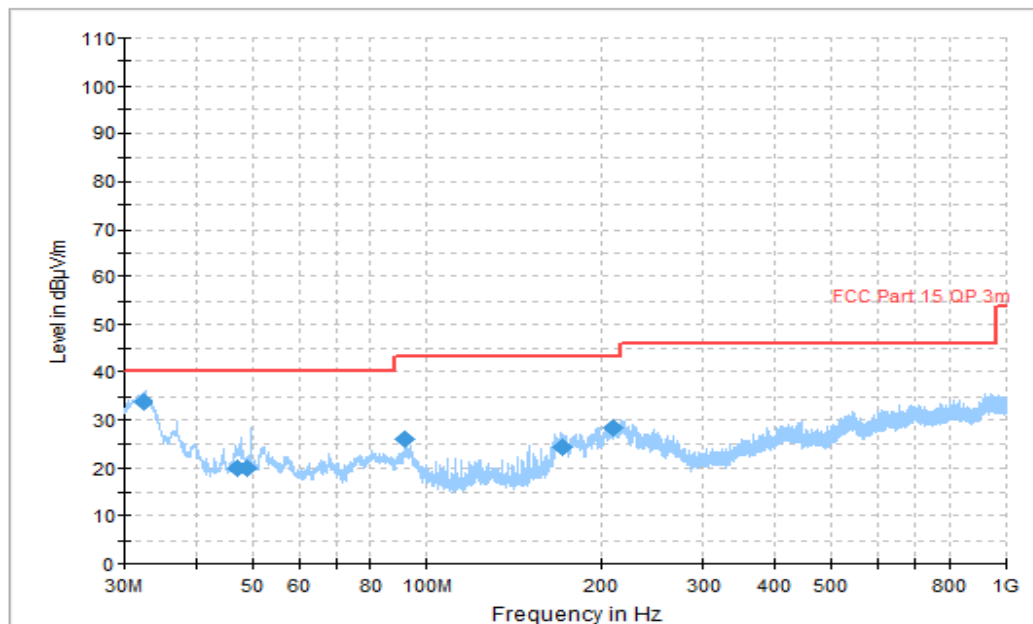


Figure A.1.17. Radiated Emission (LTE Receiver Band 18, 30MHz to 1GHz)

Final_Result

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	ARpl (dB/m)	PMea (dBμV)
32.226667	33.99	40.00	6.01	V	-7.1	41.09
46.973889	19.85	40.00	20.15	V	-14.8	34.65
48.913889	20.07	40.00	19.93	V	-15.0	35.07
91.695556	26.26	43.50	17.24	V	-14.9	41.16
171.057222	24.36	43.50	19.14	V	-12.8	37.16
209.270556	28.35	43.50	15.15	H	-11.2	39.55

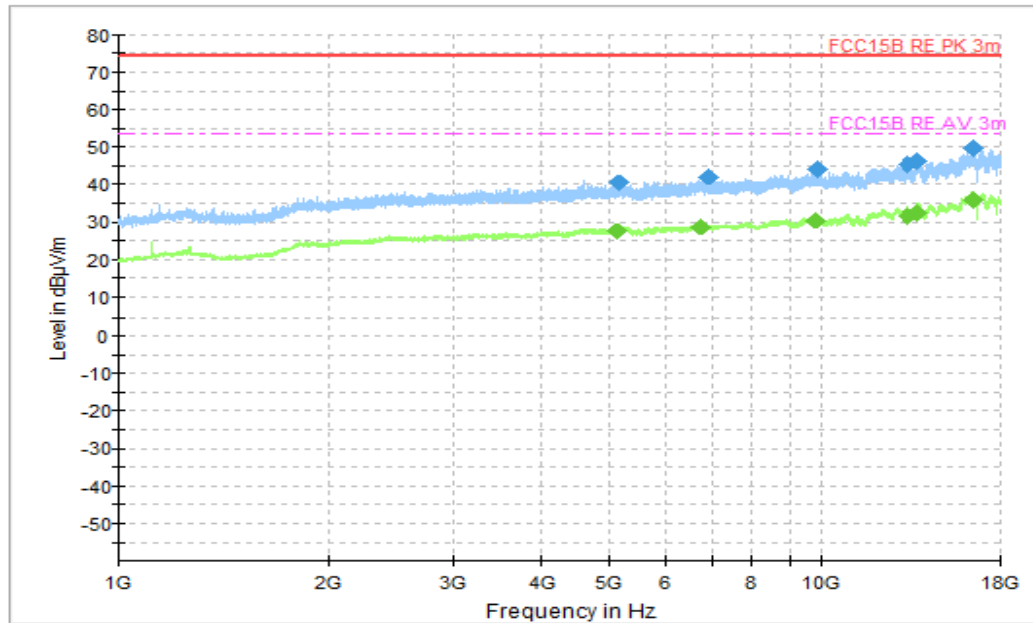


Figure A.1.18. Radiated Emission (LTE Receiver Band 18,,1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	PMea (dBμV)
5144.500000	40.63	74.00	33.37	V	1.1	39.53
6908.500000	42.02	74.00	31.98	H	3.5	38.52
9887.000000	44.07	74.00	29.93	V	6.4	37.67
13274.500000	45.72	74.00	28.28	H	8.2	37.52
13764.500000	46.48	74.00	27.52	H	9.0	37.48
16478.500000	49.83	74.00	24.17	H	14.7	35.13

Final_Results_AVG

Frequency(MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	PMea (dBμV)
5111.500000	27.45	54.00	26.55	H	0.9	26.55
6757.000000	29.00	54.00	25.00	H	3.5	25.50
9862.500000	30.57	54.00	23.43	V	6.4	24.17
13288.500000	31.77	54.00	22.23	H	8.3	23.47
13750.000000	32.66	54.00	21.34	H	8.9	23.76
16483.000000	36.06	54.00	17.94	H	14.7	21.36

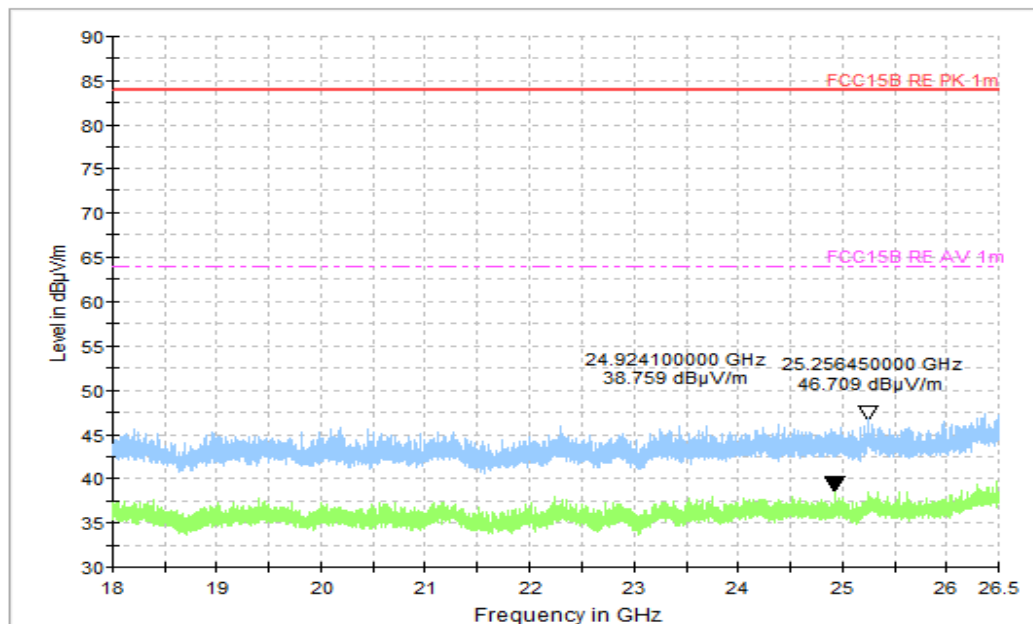


Figure A.1.19. Radiated Emission (LTE Receiver Band 18 ,18GHz to 26.5GHz)

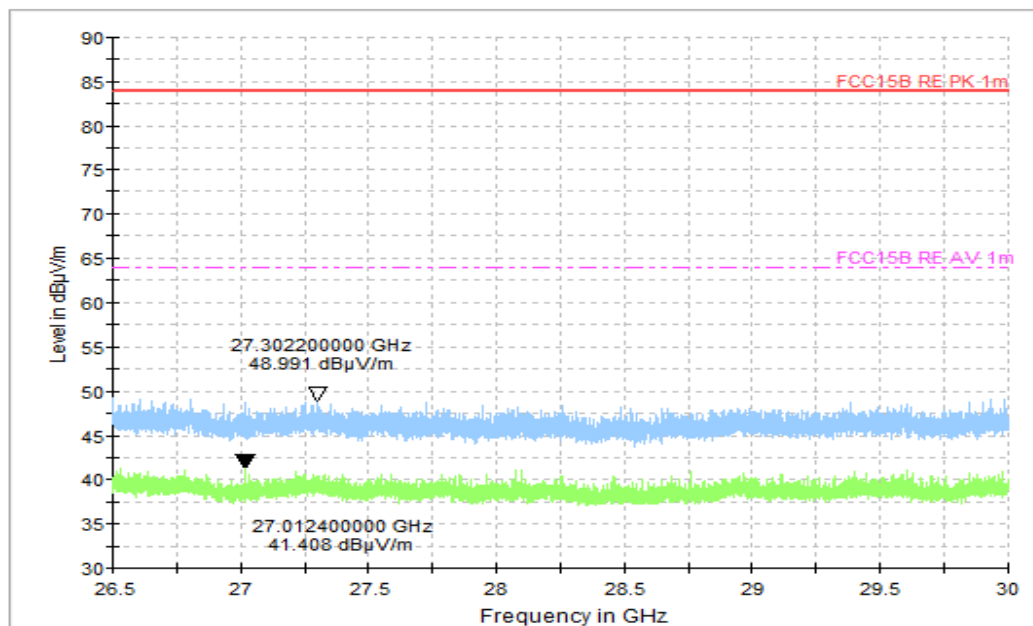


Figure A.1.20. Radiated Emission (LTE Receiver Band 18 , 26.5GHz to 30GHz)

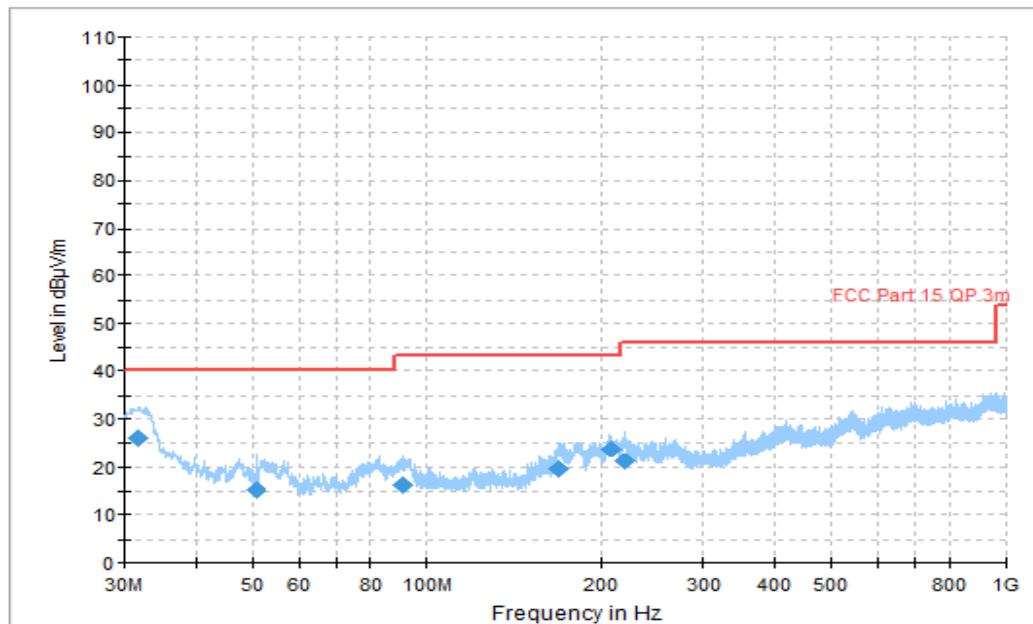


Figure A.1.21. Radiated Emission (LTE Receiver Band 19, 30MHz to 1GHz)

Final_Result

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	ARpl (dB/m)	PMea (dBμV)
31.670000	26.26	40.00	13.74	V	-6.8	33.06
50.813333	15.38	40.00	24.62	V	-15.2	30.58
90.438333	16.21	43.50	27.29	V	-15.1	31.31
168.842222	19.63	43.50	23.87	V	-13.1	32.73
207.306667	23.84	43.50	19.66	H	-11.3	35.14
219.863333	21.09	46.00	24.91	H	-11.0	32.09

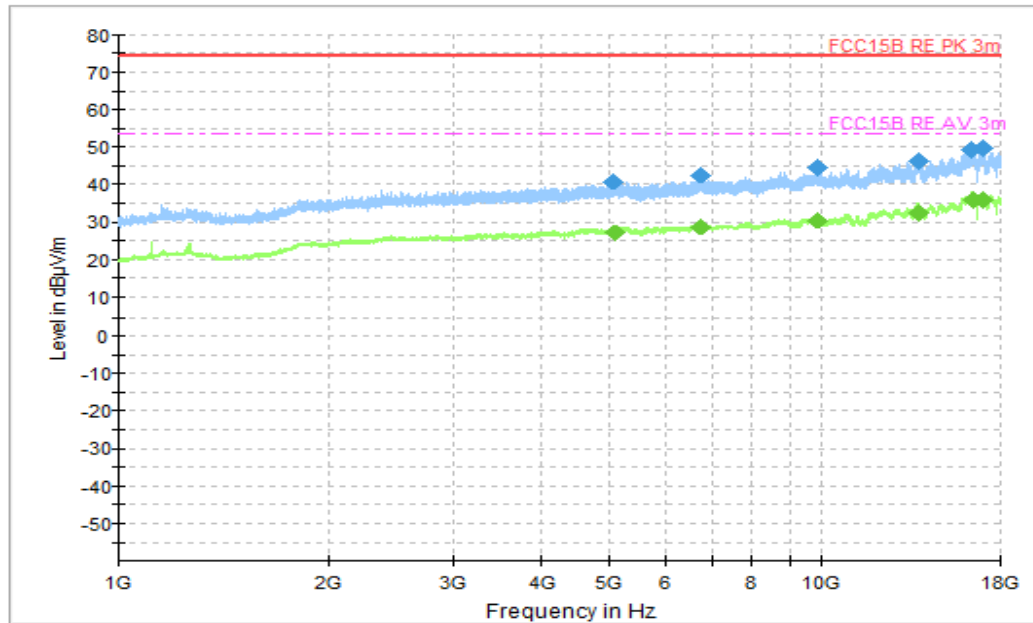


Figure A.1.22. Radiated Emission (LTE Receiver Band 19,1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	PMea (dBμV)
5052.500000	41.09	74.00	32.91	V	0.8	40.29
6769.000000	42.74	74.00	31.26	H	3.5	39.24
9918.500000	44.68	74.00	29.32	V	6.3	38.38
13771.500000	46.32	74.00	27.68	H	9.0	37.32
16442.000000	49.33	74.00	24.67	H	14.7	34.63
16987.500000	49.60	74.00	24.40	V	14.8	34.80

Final_Results_AVG

Frequency(MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	PMea (dBμV)
5093.000000	27.28	54.00	26.72	V	0.9	26.38
6759.000000	28.98	54.00	25.02	H	3.5	25.48
9884.000000	30.59	54.00	23.41	V	6.4	24.19
13768.500000	32.82	54.00	21.18	H	9.0	23.82
16467.500000	36.08	54.00	17.92	H	14.7	21.38
17004.500000	36.09	54.00	17.91	V	14.8	21.29

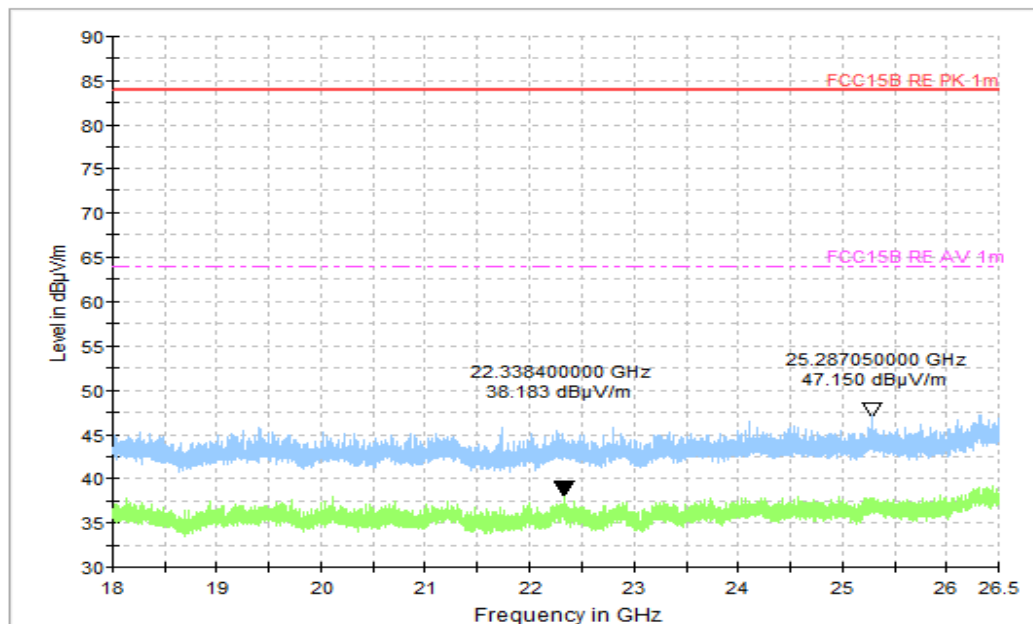


Figure A.1.23. Radiated Emission (LTE Receiver Band 19 ,18GHz to 26.5GHz)

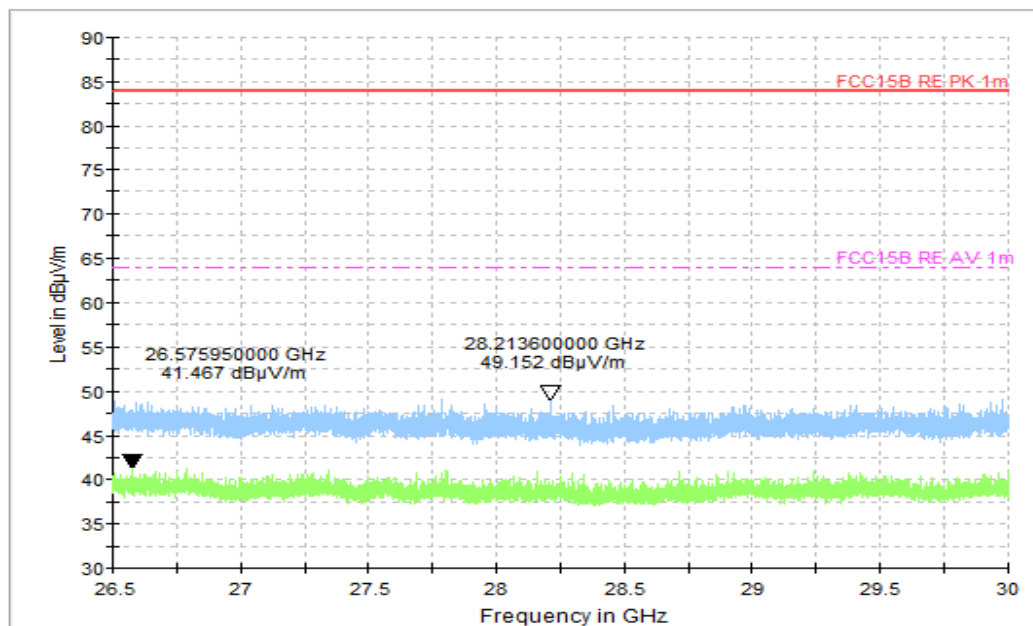


Figure A.1.24. Radiated Emission (LTE Receiver Band 19 , 26.5GHz to 30GHz)

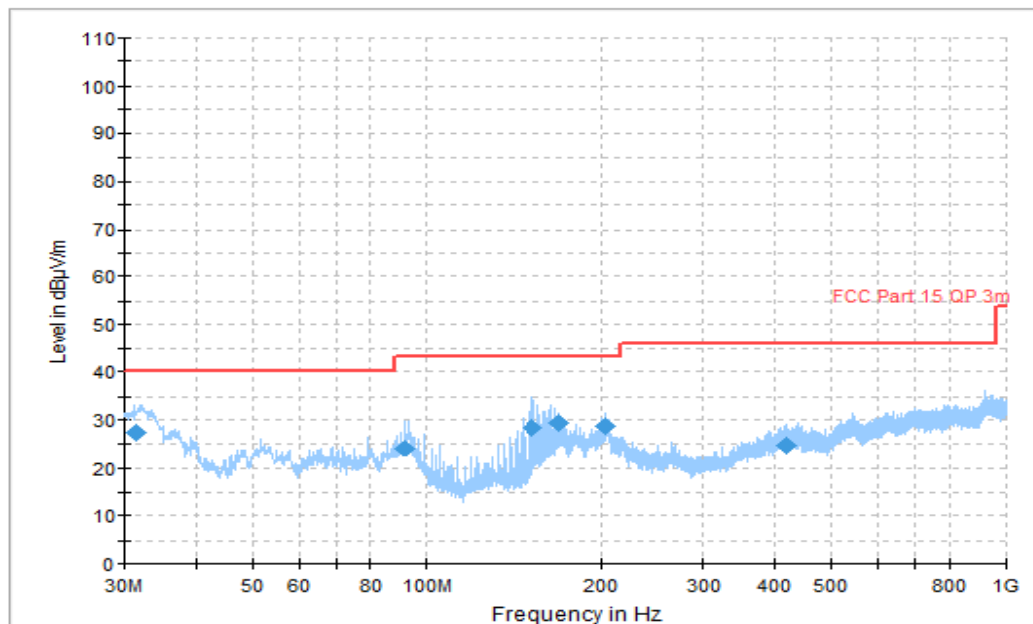


Figure A.1.25. Radiated Emission (LTE Receiver Band 26, 30MHz to 1GHz)

Final_Result

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	ARpl (dB/m)	PMea (dBμV)
31.376111	27.27	40.00	12.73	V	-6.7	33.97
91.457222	24.07	43.50	19.43	V	-15.0	39.07
152.429444	28.30	43.50	15.20	V	-12.2	40.5
169.182778	29.30	43.50	14.20	V	-13.1	42.40
202.731667	28.83	43.50	14.67	H	-11.6	40.43
416.903333	24.69	46.00	21.31	V	-3.6	28.29

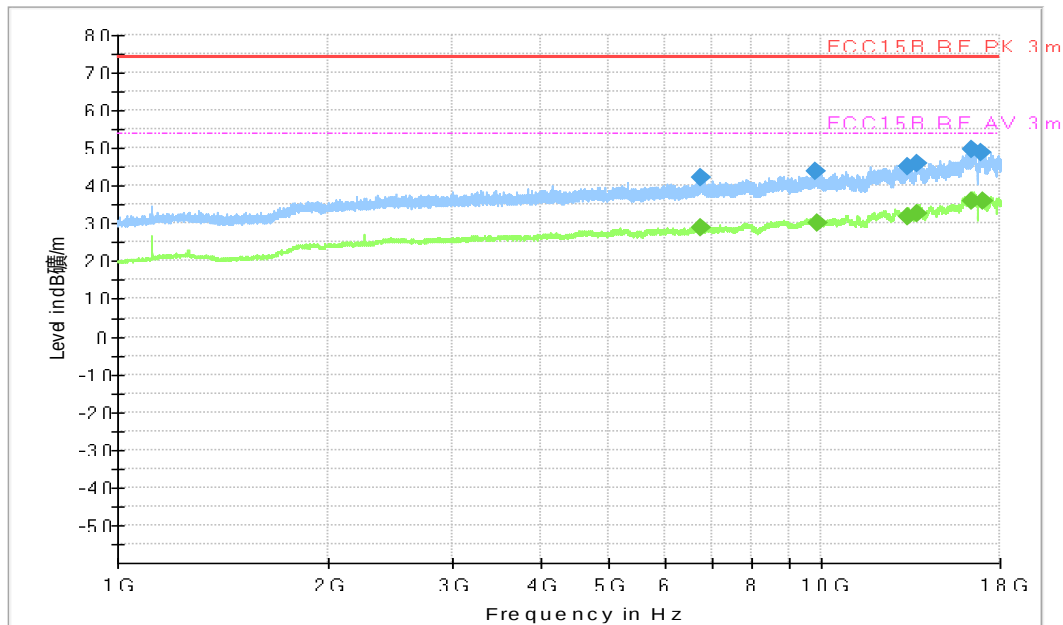


Figure A.1.26. Radiated Emission (LTE Receiver Band 26,,1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	PMea (dBμV)
6749.500000	42.11	74.00	31.89	V	3.5	38.61
9855.000000	43.85	74.00	30.15	V	6.4	37.45
13282.500000	45.16	74.00	28.84	H	8.3	36.86
13728.000000	46.06	74.00	27.94	V	8.9	37.16
16450.000000	49.57	74.00	24.43	H	14.7	34.87
16923.000000	48.91	74.00	25.09	V	14.8	34.11

Final_Results_AVG

Frequency(MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	PMea (dBμV)
6756.000000	28.80	54.00	25.20	H	3.5	25.30
9879.000000	30.18	54.00	23.82	H	6.4	23.78
13276.500000	31.82	54.00	22.18	V	8.3	23.52
13739.000000	32.51	54.00	21.49	H	8.9	23.61
16444.500000	36.15	54.00	17.85	V	14.7	21.45
17003.000000	36.09	54.00	17.91	V	14.8	21.29

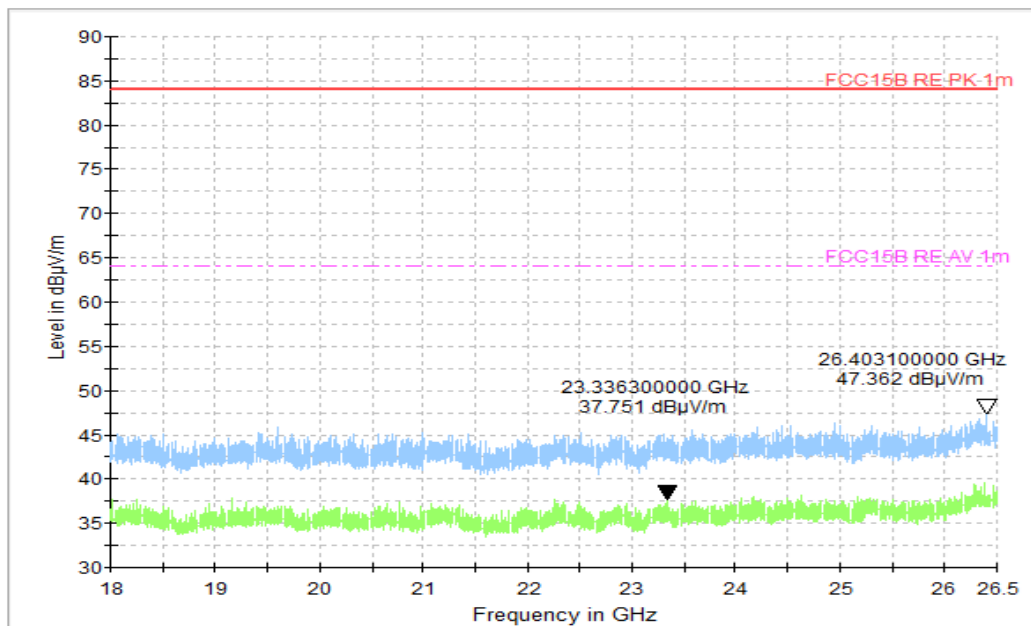


Figure A.1.27. Radiated Emission (LTE Receiver Band 26 ,18GHz to 26.5GHz)

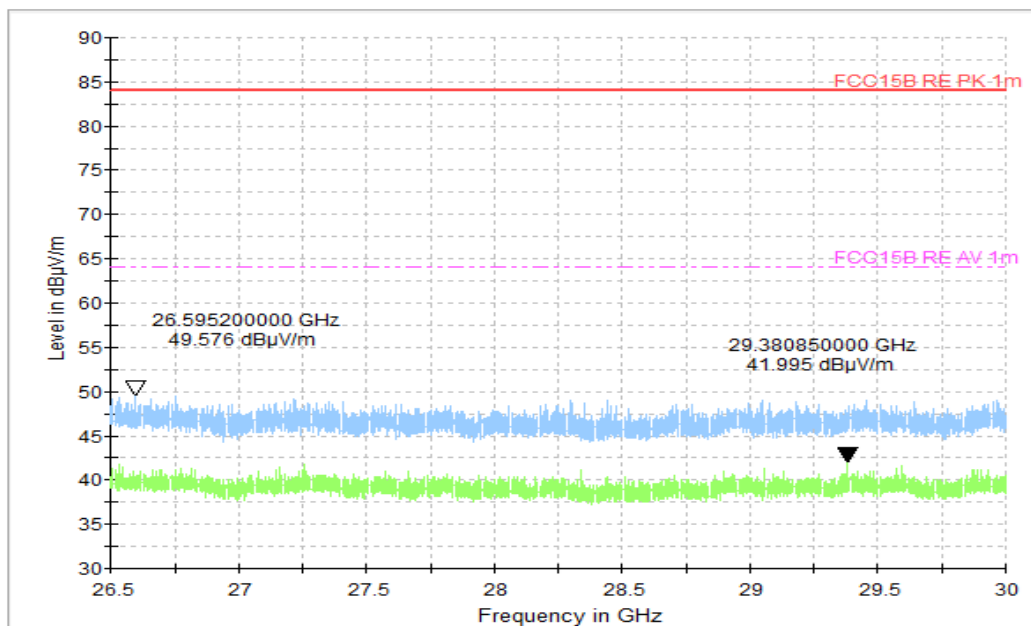


Figure A.1.28. Radiated Emission (LTE Receiver Band 26 , 26.5GHz to 30GHz)

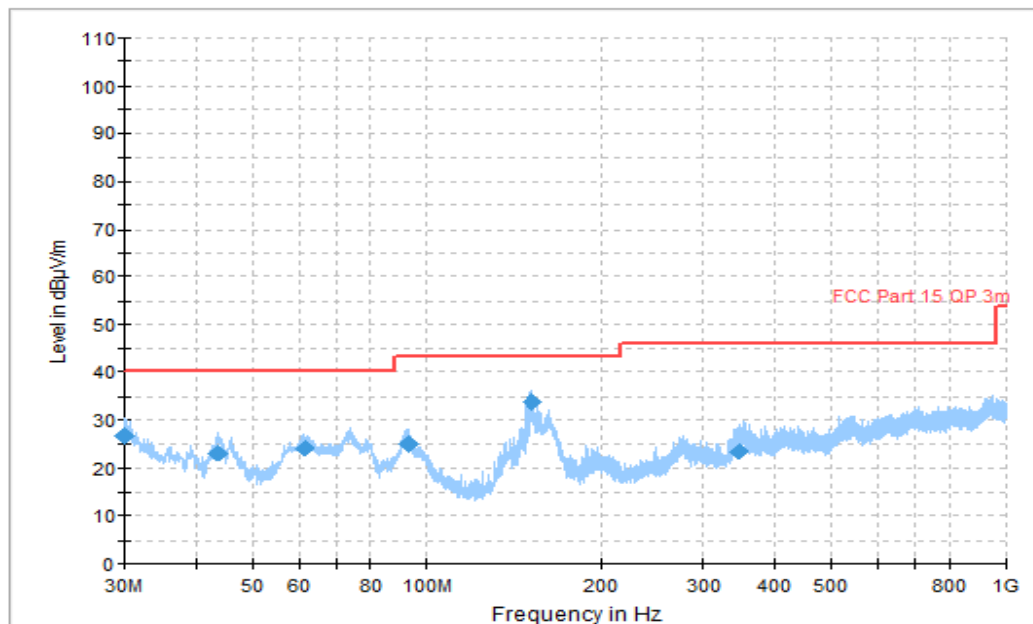


Figure A.1.29. Radiated Emission (LTE Receiver Band 18, 30MHz to 1GHz)

Final_Result

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	ARpl (dB/m)	PMea (dBμV)
30.000000	26.64	40.00	13.36	V	-6.2	32.84
43.736111	23.15	40.00	16.85	V	-13.2	36.35
61.304444	24.01	40.00	15.99	V	-15.5	39.51
92.535000	25.29	43.50	18.21	V	-14.8	40.09
152.208333	33.80	43.50	9.70	V	-12.3	46.1
345.770556	23.39	46.00	22.61	H	-6.3	29.69

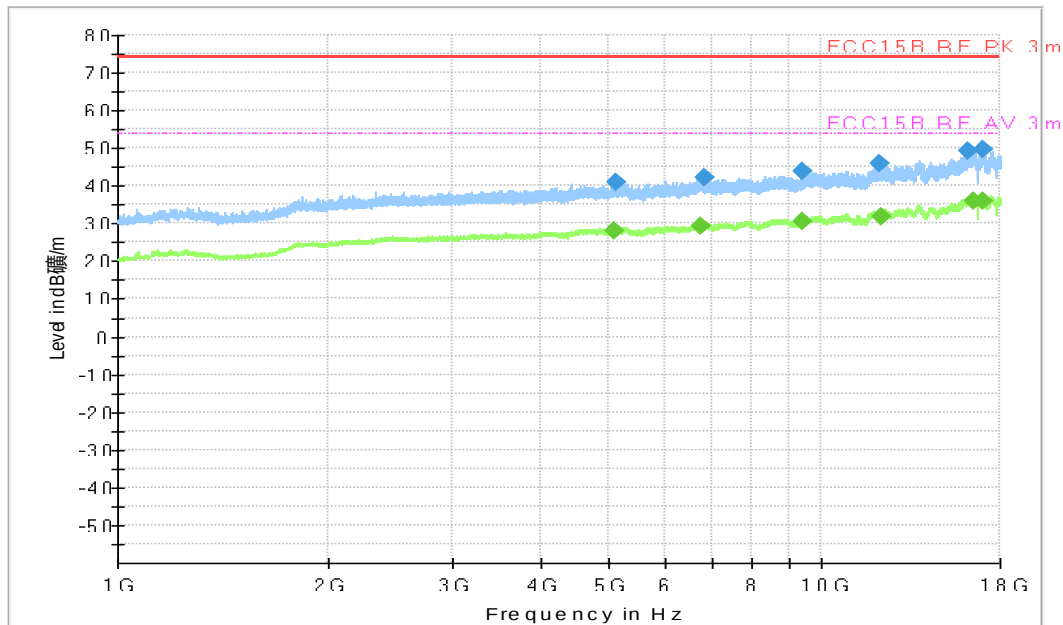


Figure A.1.30. Radiated Emission (LTE Receiver Band 18,,1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	PMea (dBμV)
5117.000000	41.08	74.00	32.92	H	1.0	40.08
6840.000000	42.14	74.00	31.86	V	3.6	38.54
9440.500000	43.92	74.00	30.08	H	6.3	37.62
12145.500000	45.84	74.00	28.16	V	8.2	37.64
16191.000000	49.07	74.00	24.93	V	14.0	35.07
17005.500000	49.82	74.00	24.18	V	14.8	35.02

Final_Results_AVG

Frequency(MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	PMea (dBμV)
5083.500000	27.93	54.00	26.07	H	0.9	27.03
6769.000000	29.40	54.00	24.60	H	3.5	25.90
9434.000000	30.41	54.00	23.59	V	6.3	24.11
12185.000000	31.82	54.00	22.18	H	8.2	23.62
16478.500000	35.99	54.00	18.01	V	14.7	21.29
16984.500000	35.93	54.00	18.07	V	14.8	21.13

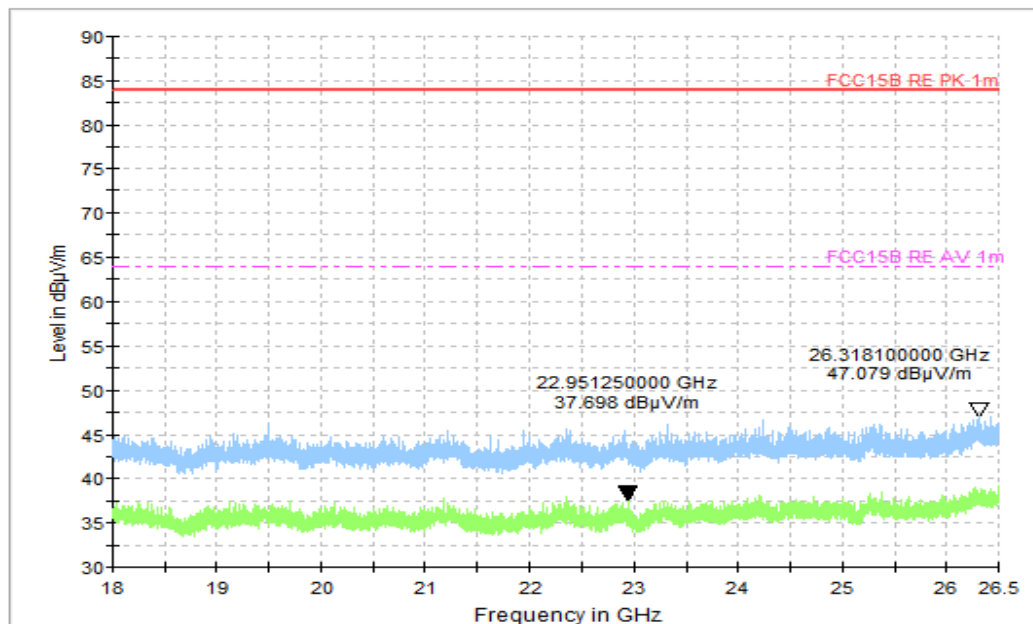


Figure A.1.31. Radiated Emission (LTE Receiver Band 18 ,18GHz to 26.5GHz)

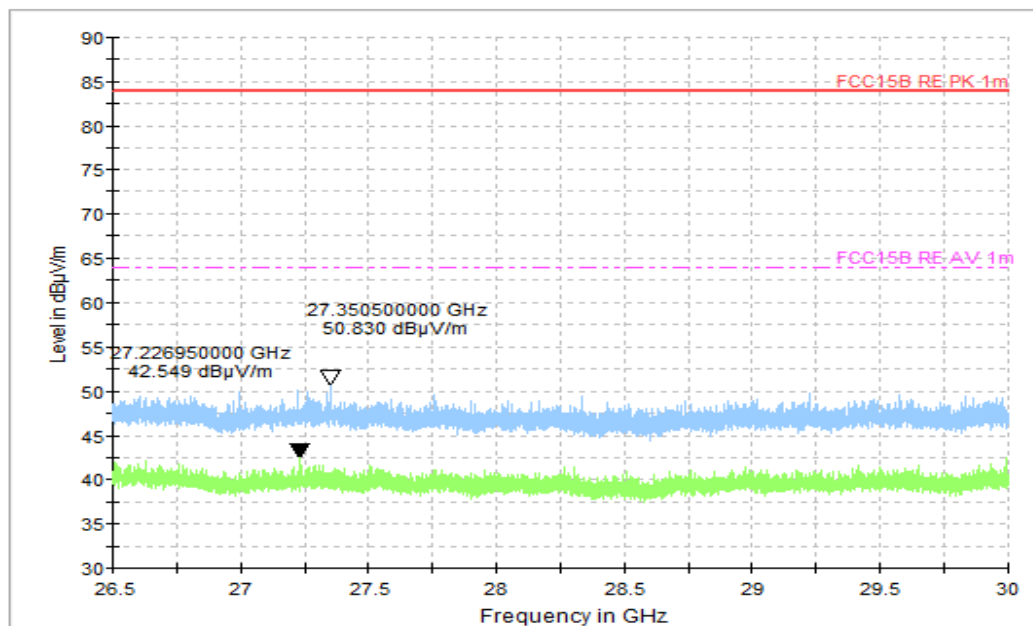


Figure A.1.32. Radiated Emission (LTE Receiver Band 18 , 26.5GHz to 30GHz)

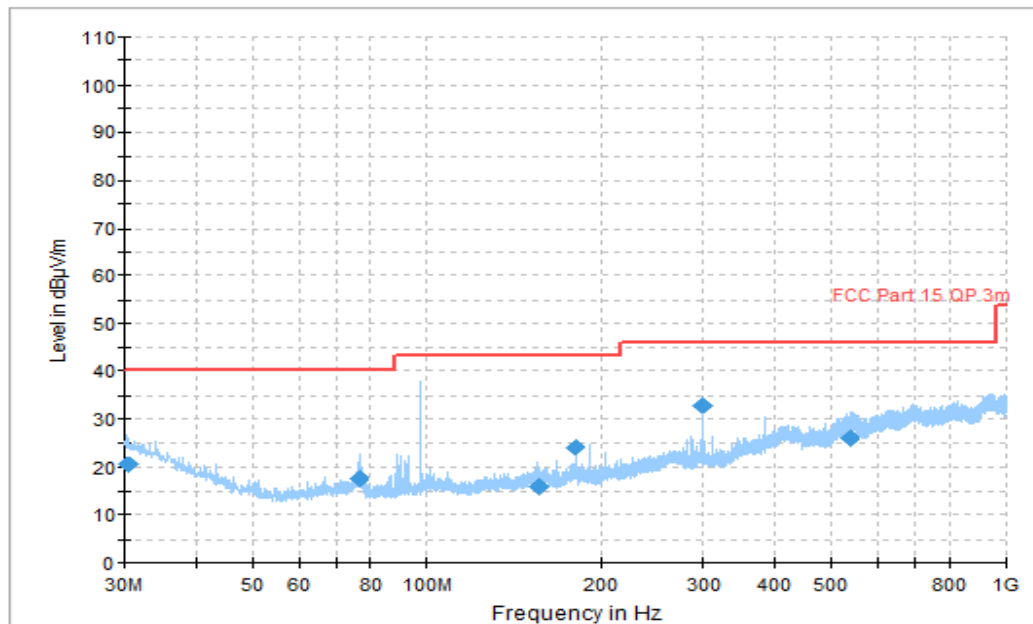


Figure A.1.33. Radiated Emission (FM receiver, 30MHz to 1GHz)

Note: the spike close to the limit is coming from the traffic carrier.

Final Result

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	ARpl (dB/m)	PMea (dBμV)
30.360000	20.50	40.00	19.50	H	-6.4	26.90
76.212778	17.50	40.00	22.50	V	-14.9	32.4
156.028333	15.87	43.50	27.63	V	-12.0	27.87
179.996667	24.02	43.50	19.48	V	-11.9	35.92
300.013333	33.13	46.00	12.87	H	-8.3	41.43
538.095556	26.26	46.00	19.74	H	-0.5	26.76

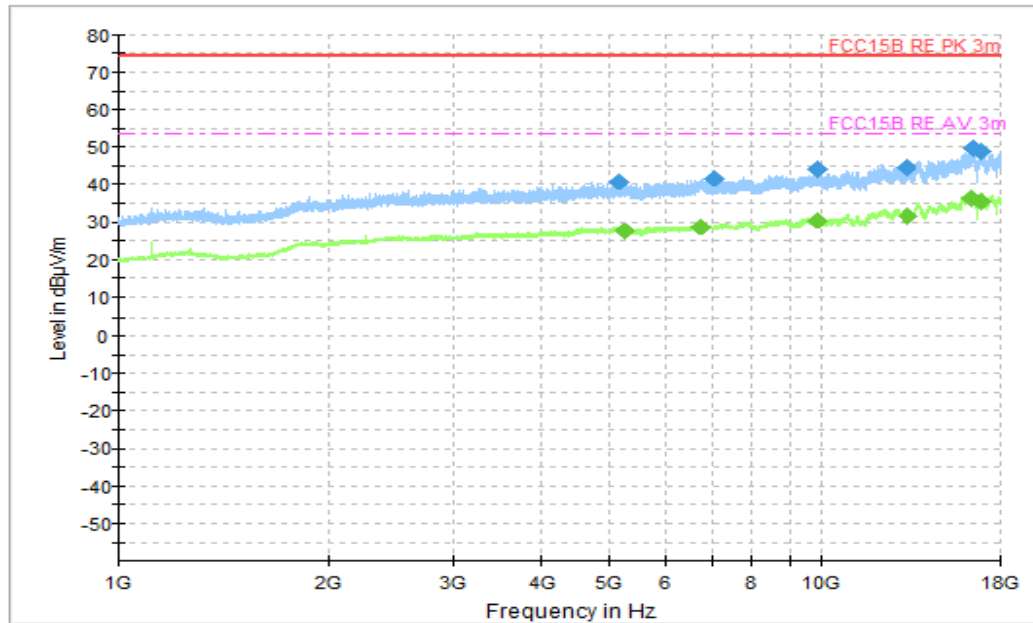


Figure A.1.34. Radiated Emission (FM receiver,1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	PMea (dBμV)
5141.000000	41.00	74.00	33.00	V	1.1	39.90
7059.000000	41.77	74.00	32.23	H	3.5	38.27
9904.500000	44.25	74.00	29.75	H	6.4	37.85
13242.000000	44.57	74.00	29.43	H	8.1	36.47
16481.500000	49.49	74.00	24.51	H	14.7	34.79
16948.500000	48.75	74.00	25.25	V	14.8	33.95

Final_Results_AVG

Frequency(MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	PMea (dBμV)
5249.000000	27.58	54.00	26.42	H	1.5	26.08
6759.500000	29.05	54.00	24.95	V	3.5	25.55
9877.500000	30.38	54.00	23.62	V	6.4	23.98
13293.500000	31.72	54.00	22.28	H	8.3	23.42
16450.000000	36.22	54.00	17.78	V	14.7	21.52
16919.000000	35.40	54.00	18.60	H	14.8	20.60

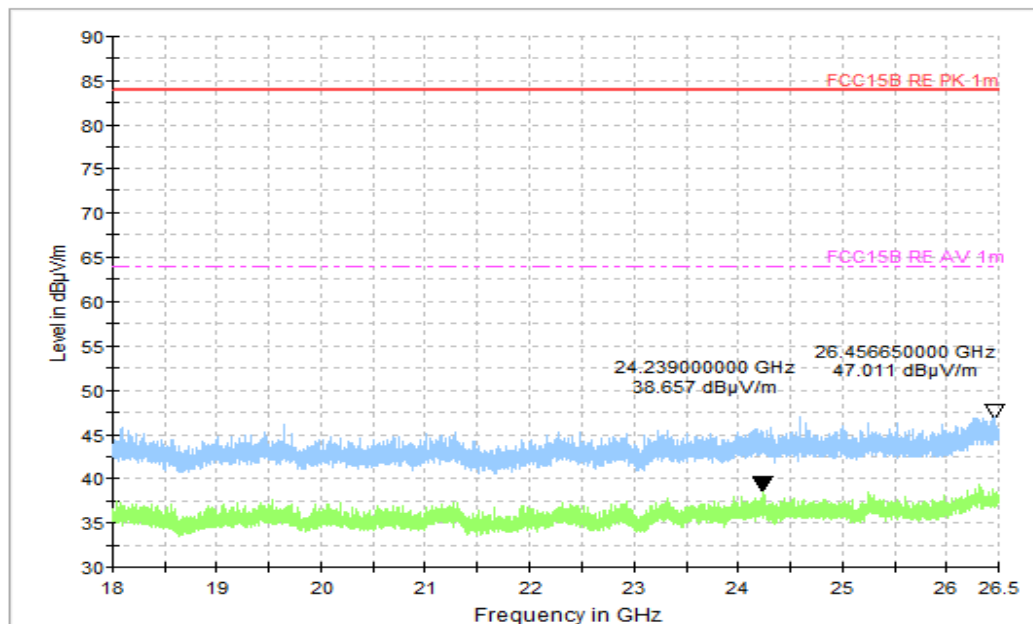


Figure A.1.35. Radiated Emission (FM receiver ,18GHz to 26.5GHz)

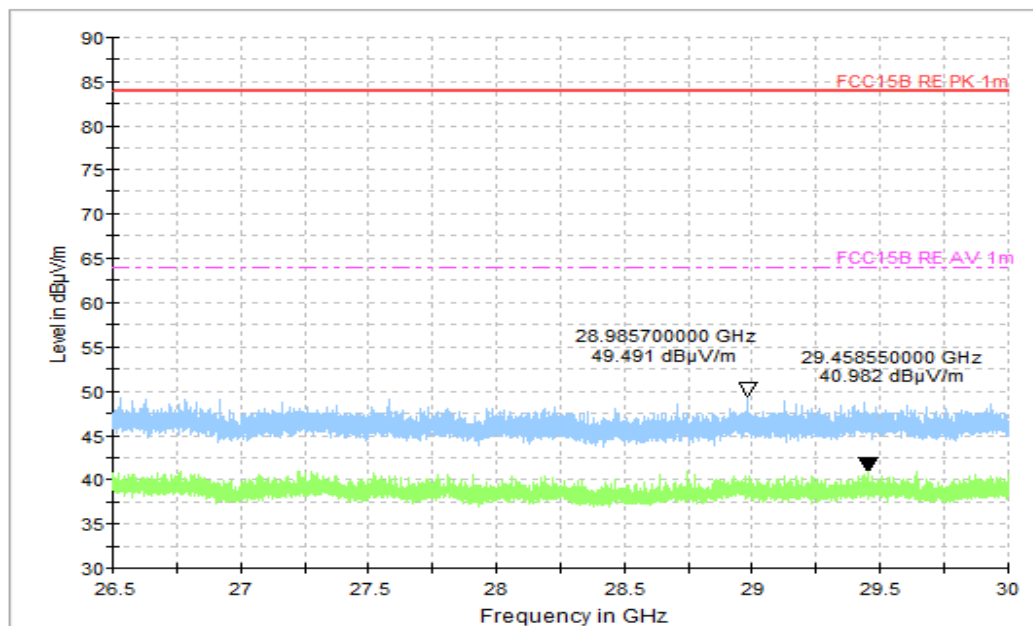


Figure A.1.36. Radiated Emission (FM receiver , 26.5GHz to 30GHz)

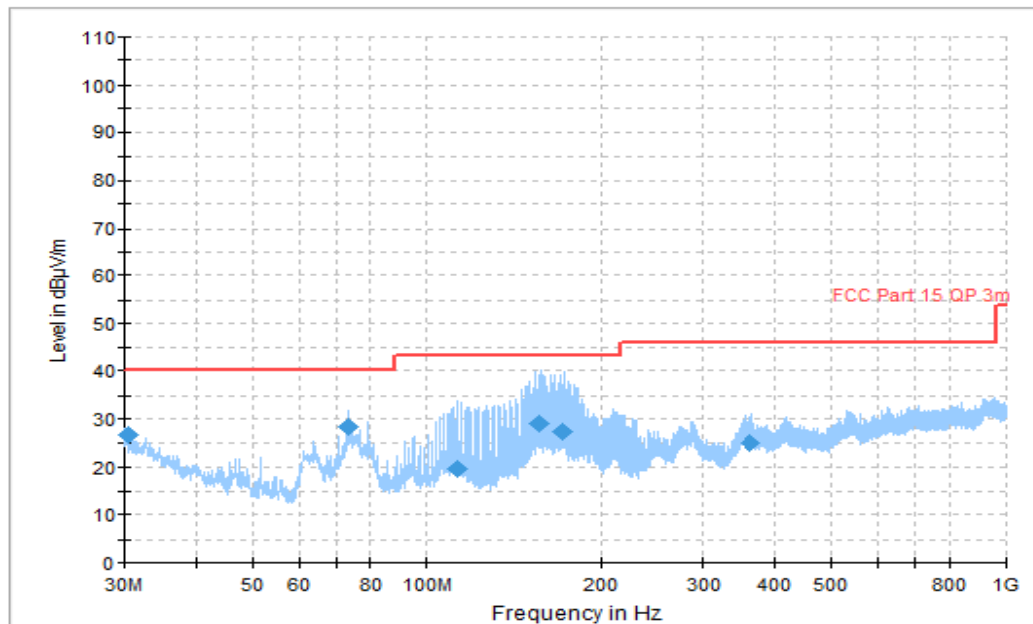


Figure A.1.37. Radiated Emission (Video Player, 30MHz to 1GHz)

Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	ARpl (dB/m)	PMea (dBµV)
30.450000	26.80	40.00	13.20	H	-6.4	33.20
73.098889	28.40	40.00	11.60	H	-14.7	43.1
112.611111	19.44	43.50	24.06	H	-14.2	33.64
156.667778	28.95	43.50	14.55	V	-12.1	41.05
171.912222	27.31	43.50	16.19	V	-12.7	40.01
362.738889	25.11	46.00	20.89	V	-5.8	30.91

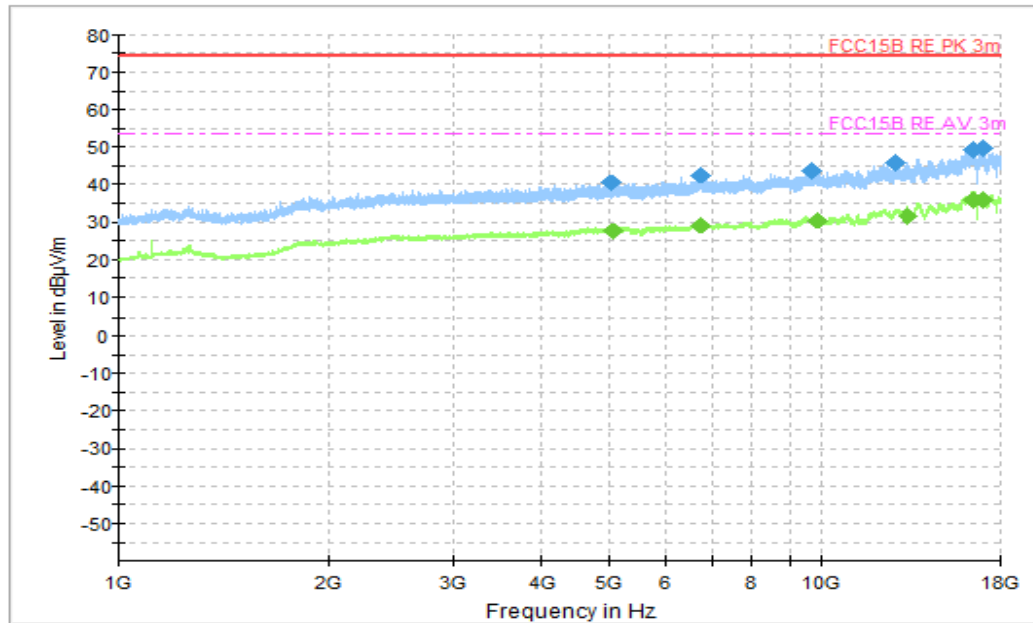


Figure A.1.38. Radiated Emission (Video Player,1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	PMea (dBμV)
5037.000000	40.53	74.00	33.47	V	0.7	39.83
6737.000000	42.65	74.00	31.35	H	3.5	39.15
9734.000000	44.06	74.00	29.94	V	6.4	37.66
12760.000000	45.74	74.00	28.26	H	8.8	36.94
16468.000000	49.30	74.00	24.70	V	14.7	34.6
16981.000000	49.51	74.00	24.49	H	14.8	34.71

Final_Results_AVG

Frequency(MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	PMea (dBμV)
5056.000000	27.54	54.00	26.46	V	0.8	26.74
6758.500000	29.14	54.00	24.86	H	3.5	25.64
9880.000000	30.77	54.00	23.23	V	6.4	24.37
13294.500000	31.88	54.00	22.12	H	8.3	23.58
16468.500000	36.05	54.00	17.95	V	14.7	21.35
17002.500000	36.10	54.00	17.90	H	14.8	21.30

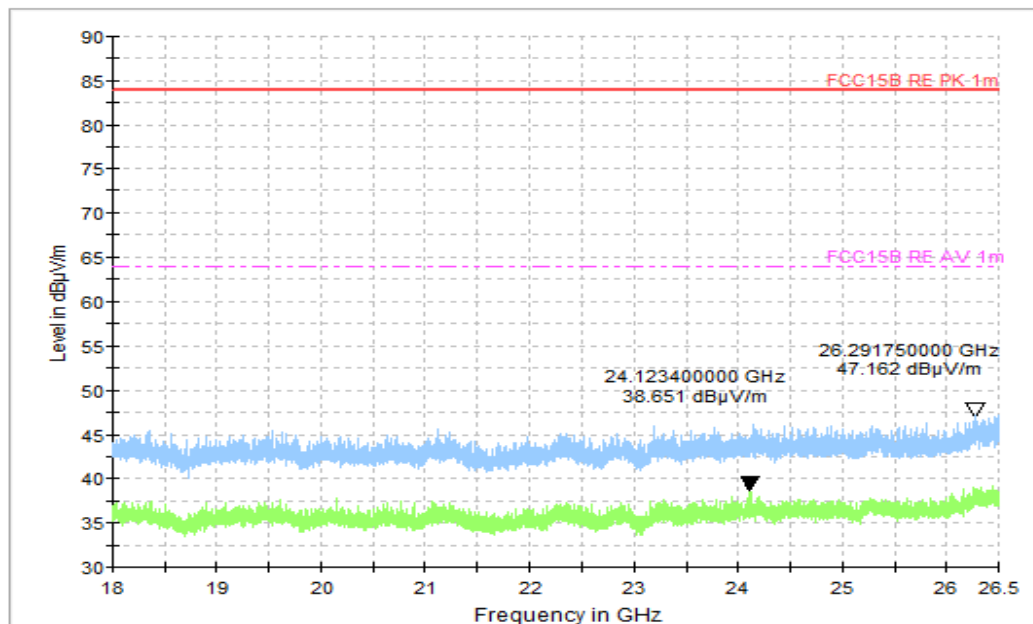


Figure A.1.39. Radiated Emission (Video Player,18GHz to 26.5GHz)

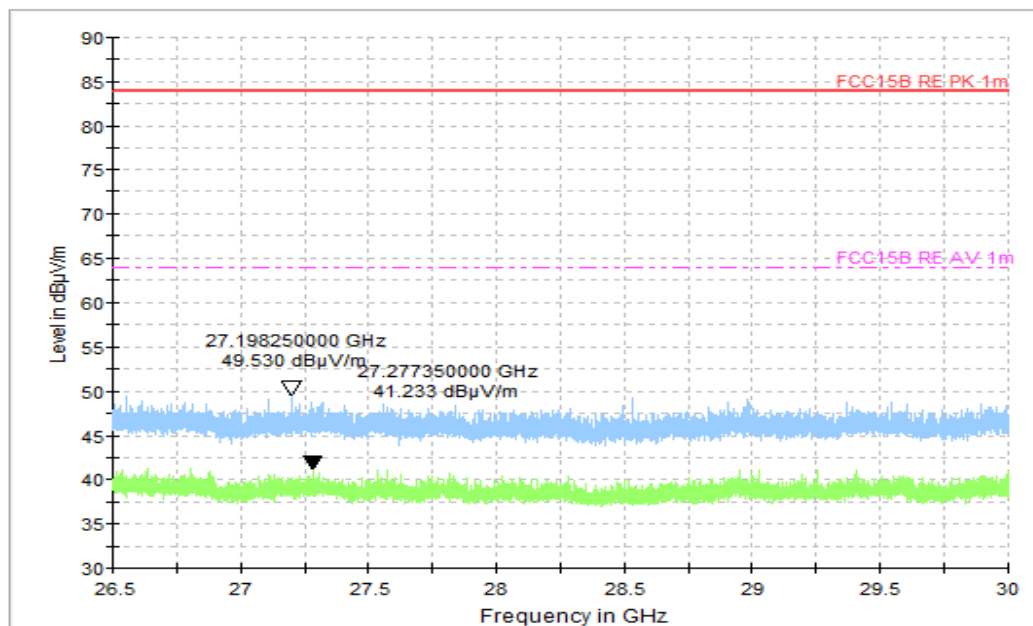


Figure A.1.40. Radiated Emission (Video Player, 26.5GHz to 30GHz)

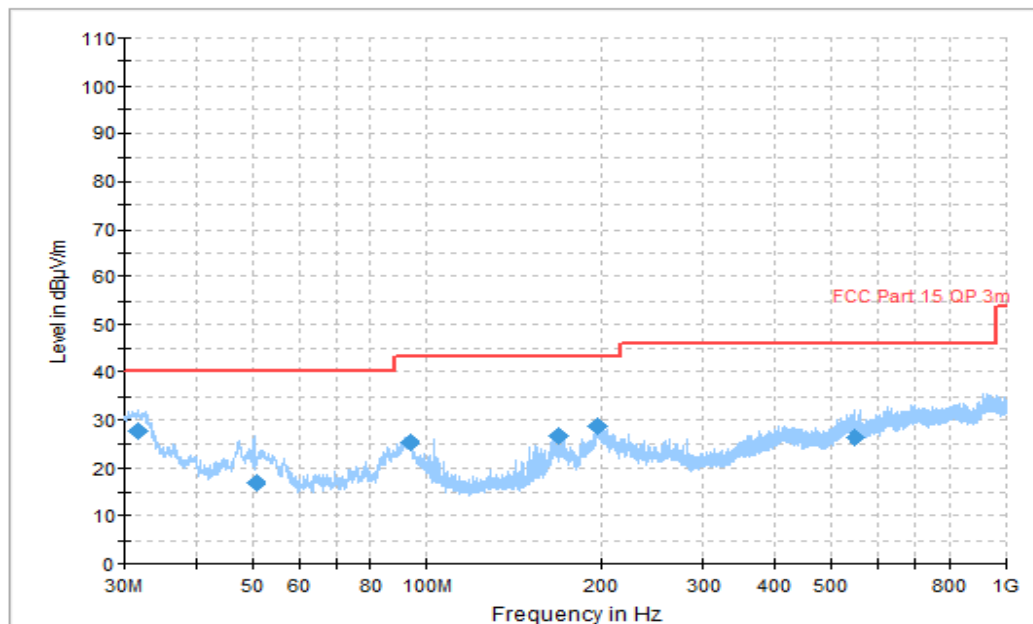


Figure A.1.41. Radiated Emission (Camera, 30MHz to 1GHz)

Final_Result

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	ARpl (dB/m)	PMea (dBμV)
31.676667	27.68	40.00	12.32	V	-6.8	34.48
50.520556	17.03	40.00	22.97	V	-15.1	32.13
93.307778	25.54	43.50	17.96	V	-14.7	40.24
168.231111	26.75	43.50	16.75	V	-13.2	39.95
197.326111	28.85	43.50	14.65	H	-12.2	41.05
548.531667	26.49	46.00	19.51	V	-0.3	26.79

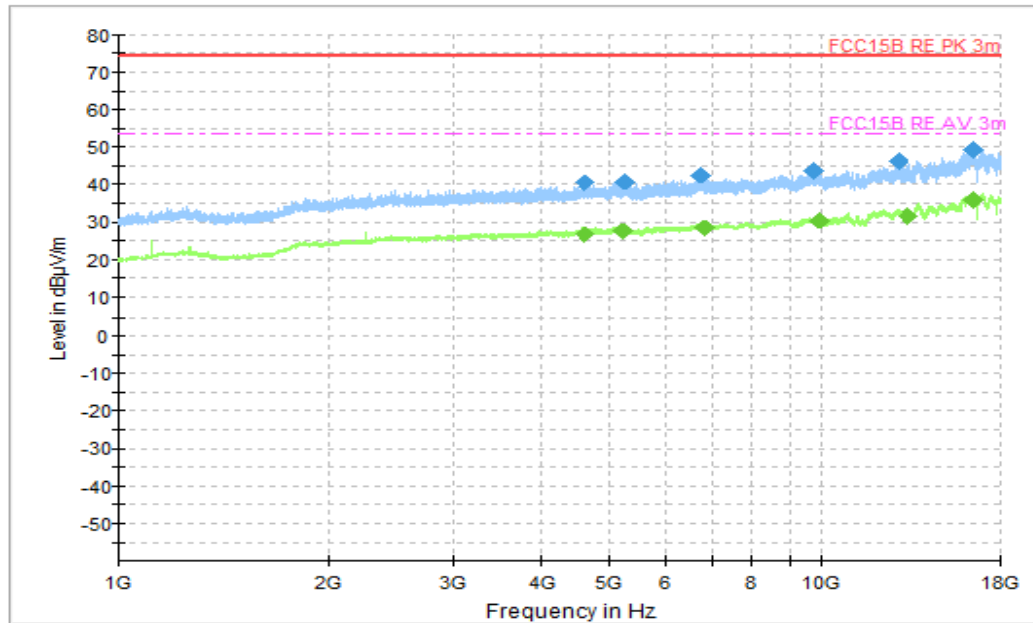


Figure A.1.42. Radiated Emission (Camera,18GHz to 30GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	PMea (dBμV)
4605.500000	40.74	74.00	33.26	H	-0.2	40.94
5233.000000	40.82	74.00	33.18	V	1.4	39.42
6766.500000	42.74	74.00	31.26	V	3.5	39.24
9781.500000	43.94	74.00	30.06	V	6.5	37.44
12870.500000	46.23	74.00	27.77	V	8.7	37.53
16476.000000	49.08	74.00	24.92	V	14.7	34.38

Final_Results_AVG

Frequency(MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	PMea (dBμV)
4612.000000	26.93	54.00	27.07	V	-0.2	27.13
5229.000000	27.49	54.00	26.51	V	1.4	26.09
6828.500000	28.44	54.00	25.56	V	3.6	24.84
9936.000000	30.55	54.00	23.45	H	6.3	24.25
13298.000000	31.83	54.00	22.17	H	8.3	23.53
16476.500000	35.93	54.00	18.07	H	14.7	21.23

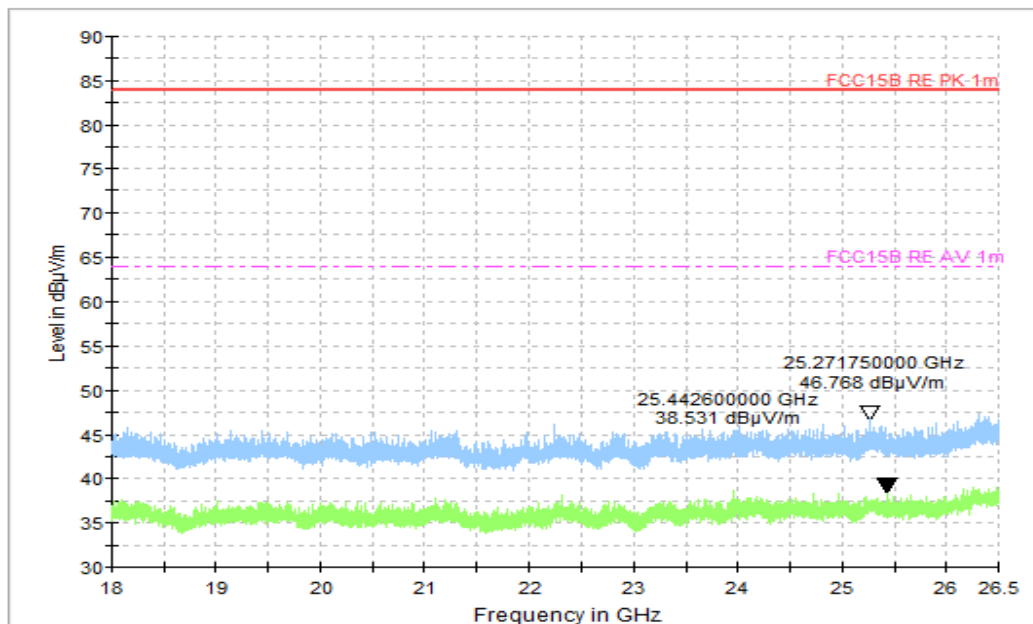


Figure A.1.43. Radiated Emission (Camera,18GHz to 26.5GHz)

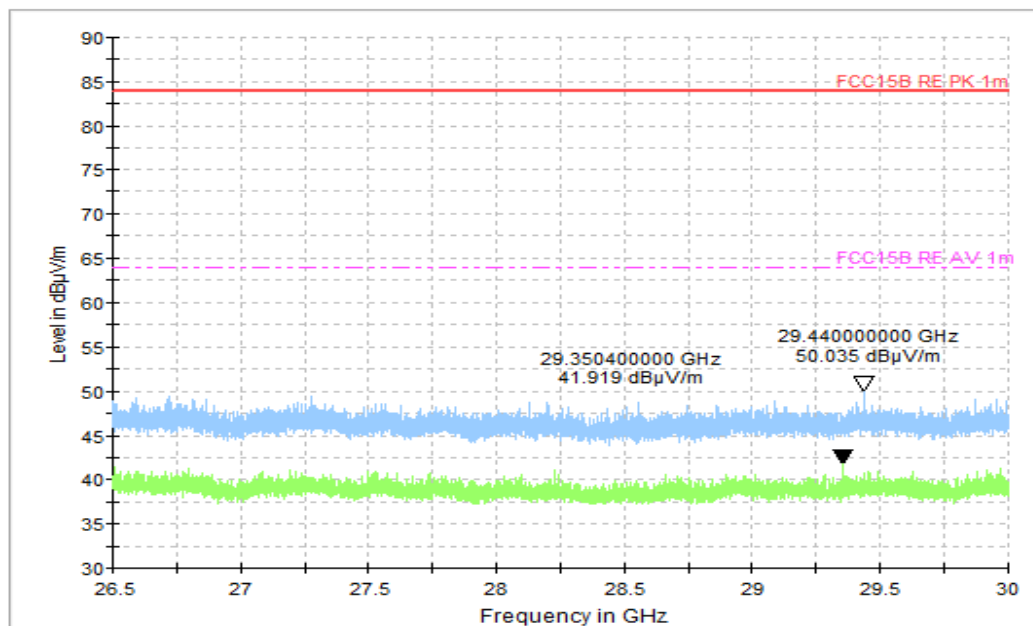


Figure A.1.44. Radiated Emission (Camera, 26.5GHz to 30GHz)

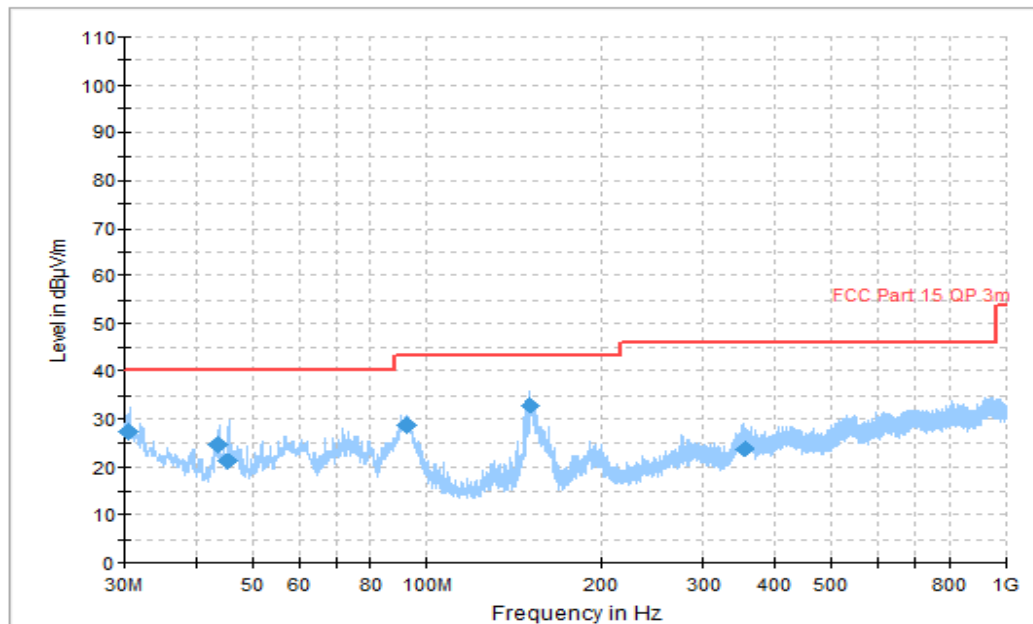


Figure A.1.45. Radiated Emission (Video Player, 30MHz to 1GHz)

Final_Result

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	ARpl (dB/m)	PMea (dBμV)
30.390000	27.48	40.00	12.52	V	-6.4	33.88
43.705556	24.70	40.00	15.30	V	-13.2	37.9
45.286111	21.20	40.00	18.80	V	-14.1	35.30
91.936667	28.69	43.50	14.81	V	-14.9	43.59
150.711111	32.91	43.50	10.59	V	-12.6	45.51
352.556111	23.96	46.00	22.04	H	-5.9	29.86

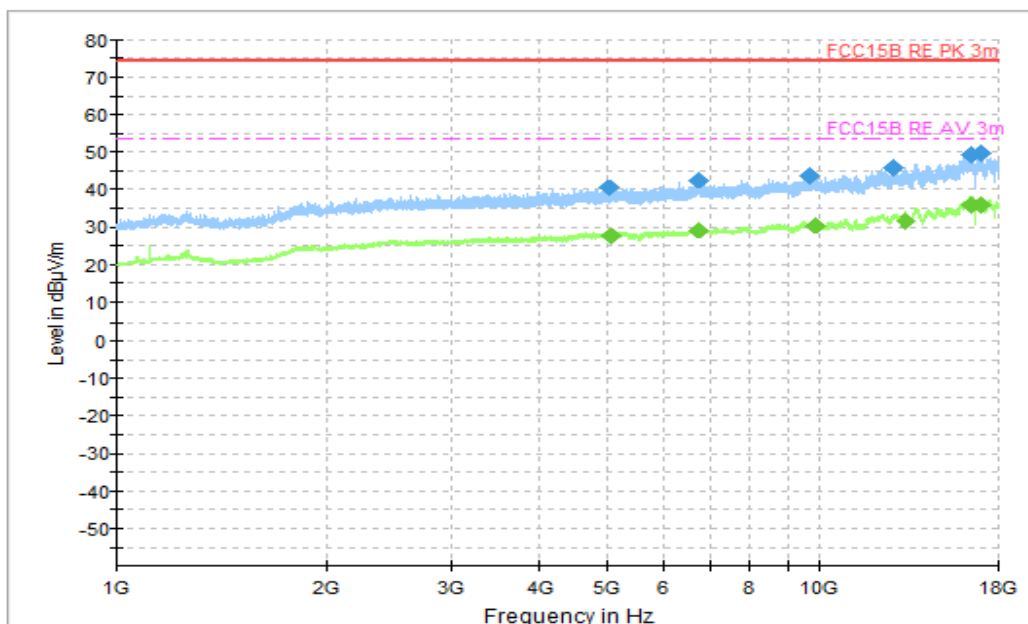


Figure A.1.46. Radiated Emission (Video Player,1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	PMea (dBμV)
5037.000000	40.53	74.00	33.47	V	0.7	39.83
6737.000000	42.65	74.00	31.35	H	3.5	39.15
9734.000000	44.06	74.00	29.94	V	6.4	37.66
12760.000000	45.74	74.00	28.26	H	8.8	36.94
16468.000000	49.30	74.00	24.70	V	14.7	34.6
16981.000000	49.51	74.00	24.49	H	14.8	34.71

Final_Results_AVG

Frequency(MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	PMea (dBμV)
5056.000000	27.54	54.00	26.46	V	0.8	26.74
6758.500000	29.14	54.00	24.86	H	3.5	25.64
9880.000000	30.77	54.00	23.23	V	6.4	24.37
13294.500000	31.88	54.00	22.12	H	8.3	23.58
16468.500000	36.05	54.00	17.95	V	14.7	21.35
17002.500000	36.10	54.00	17.90	H	14.8	21.30

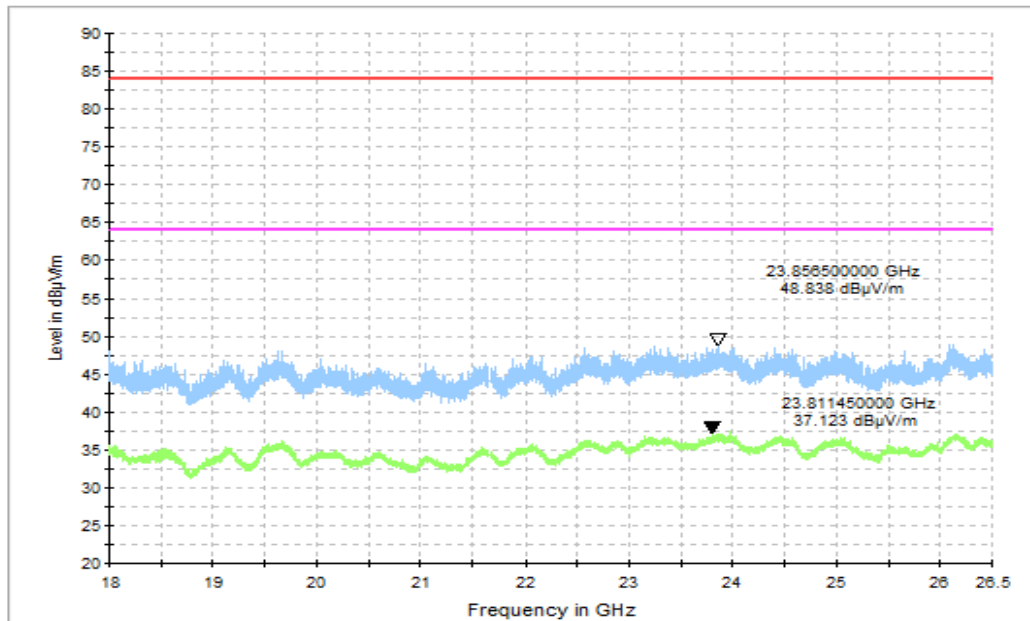


Figure A.1.47. Radiated Emission (Video Playe,18GHz to 26.5GHz)

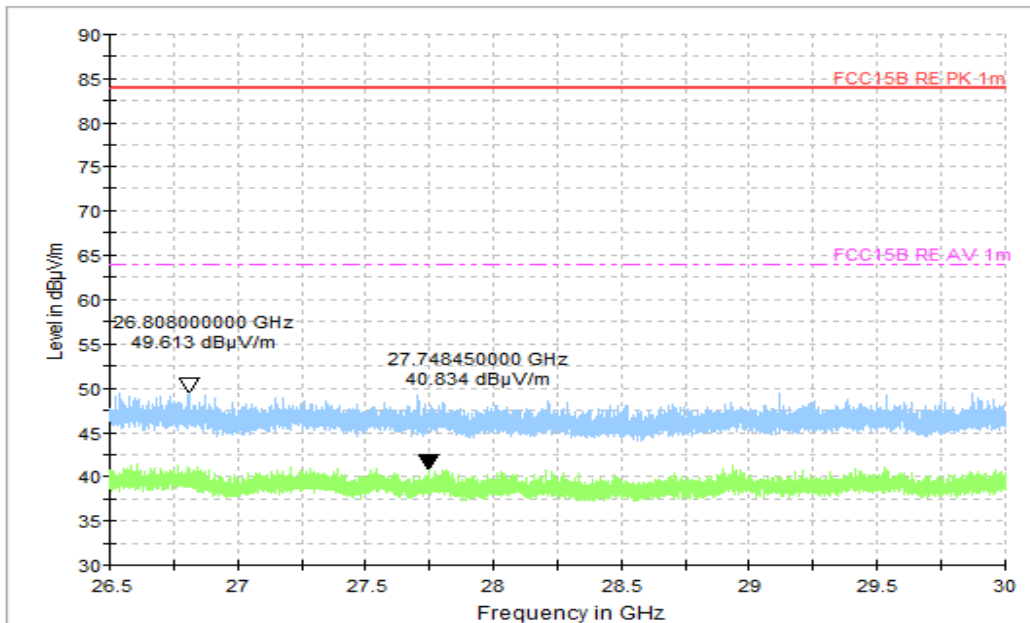


Figure A.1.48. Radiated Emission (Video Playe,26.5GHz to 30GHz)

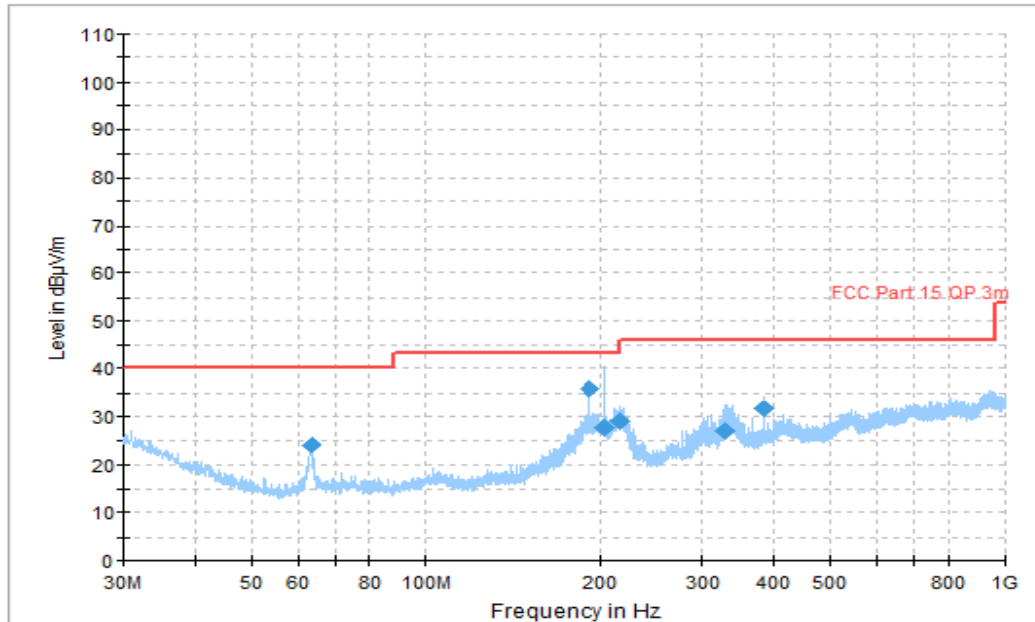


Figure A.1.49. Radiated Emission (Data Transfer : EUT to PC,30MHz to 1GHz)

Final_Result

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	ARpl (dB/m)	PMea (dBμV)
63.165556	24.14	40.00	15.86	V	-15.3	39.44
191.977778	36.02	43.50	7.48	H	-12.6	48.62
204.019444	27.75	43.50	15.75	H	-11.4	39.15
216.025000	29.03	46.00	16.97	H	-11.2	40.23
328.303889	27.15	46.00	18.85	H	-8.0	35.15
383.996111	31.63	46.00	14.37	H	-4.8	36.43

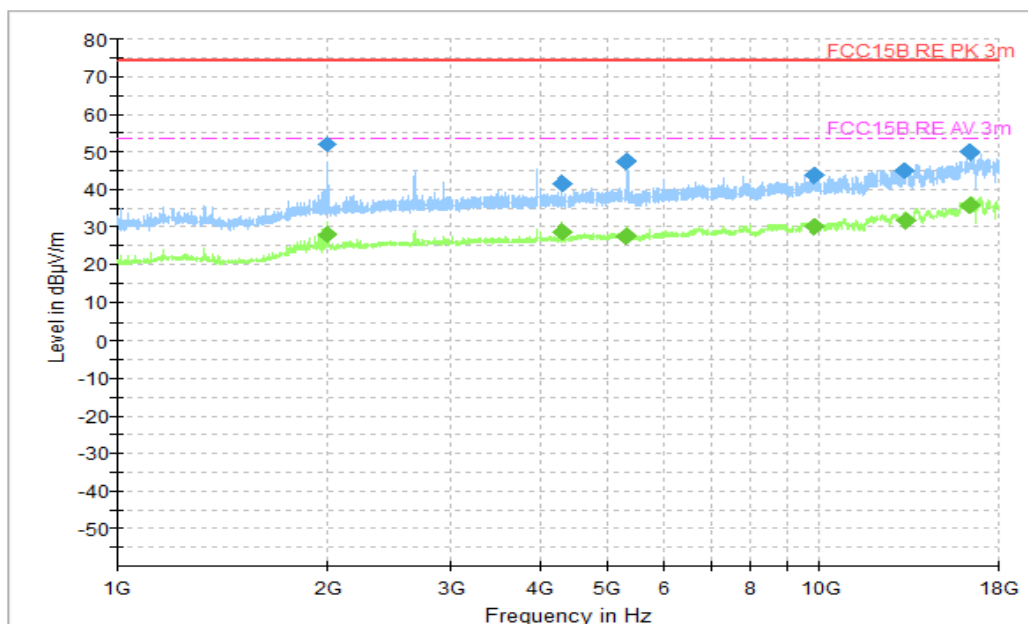


Figure A.1.50. Radiated Emission (Data Transfer : EUT to PC,1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	PMea (dBμV)
1998.000000	52.29	74.00	21.71	V	-5.9	58.19
4320.000000	41.94	74.00	32.06	V	-0.9	42.84
5312.000000	47.75	74.00	26.25	V	1.6	46.15
9862.500000	43.72	74.00	30.28	H	6.4	37.32
13262.000000	45.14	74.00	28.86	H	8.2	36.94
16414.500000	50.26	74.00	23.74	V	14.6	35.66

Final_Results_AVG

Frequency(MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	PMea (dBμV)
1999.000000	27.95	54.00	26.05	V	-5.9	33.85
4320.000000	29.00	54.00	25.00	V	-0.9	29.9
5311.500000	27.48	54.00	26.52	V	1.6	25.88
9829.000000	30.13	54.00	23.87	H	6.4	23.73
13290.000000	31.75	54.00	22.25	V	8.3	23.45
16448.000000	36.16	54.00	17.84	V	14.7	21.46

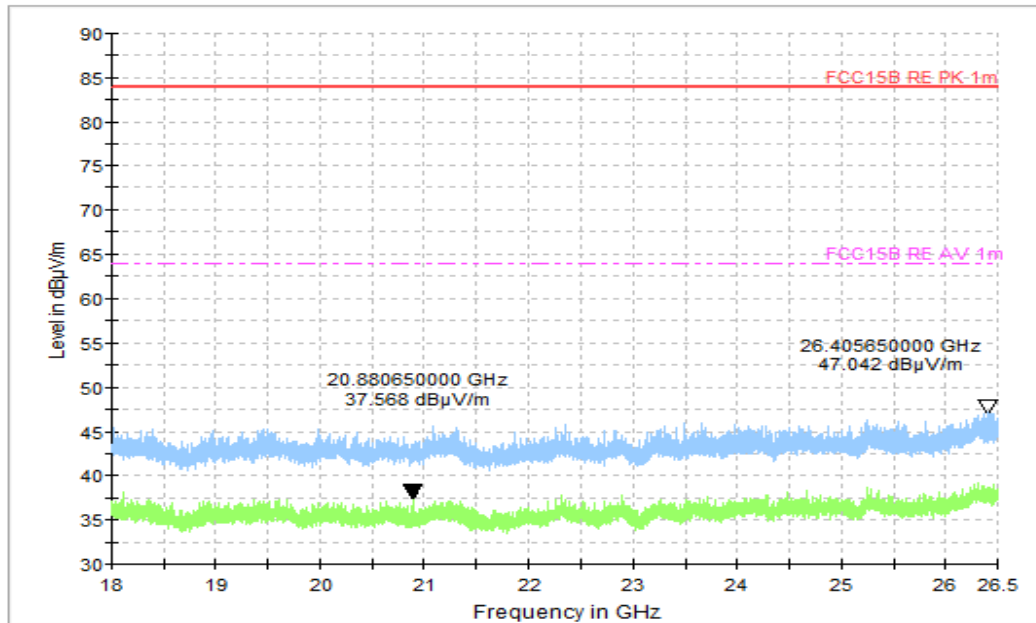


Figure A.1.51. Radiated Emission (Data Transfer : EUT to PC,18GHz to 26.5GHz)

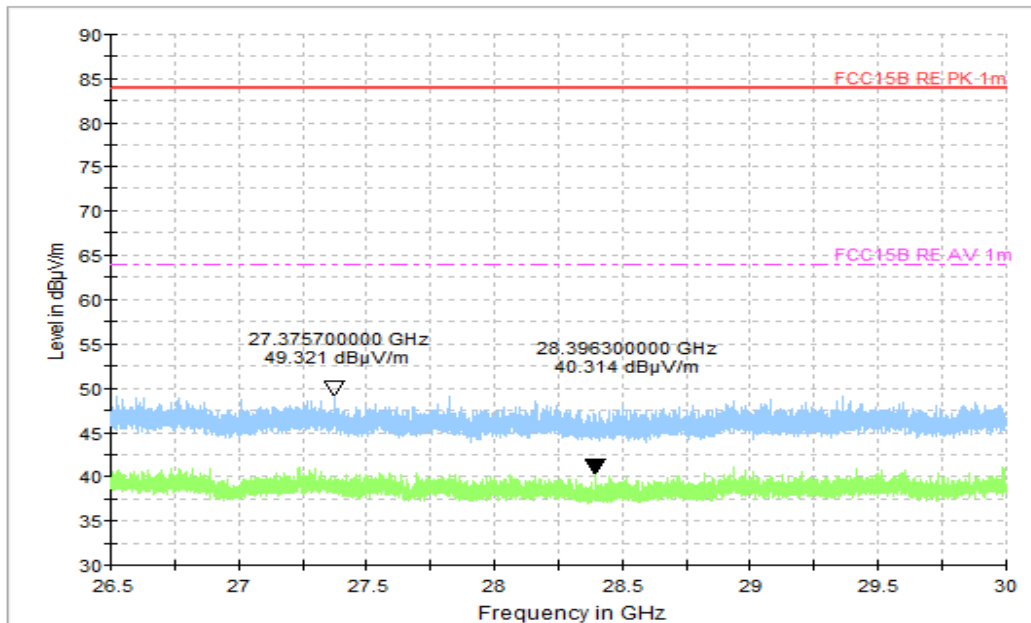


Figure A.1.52. Radiated Emission (Data Transfer : EUT to PC, 26.5GHz to 30GHz)

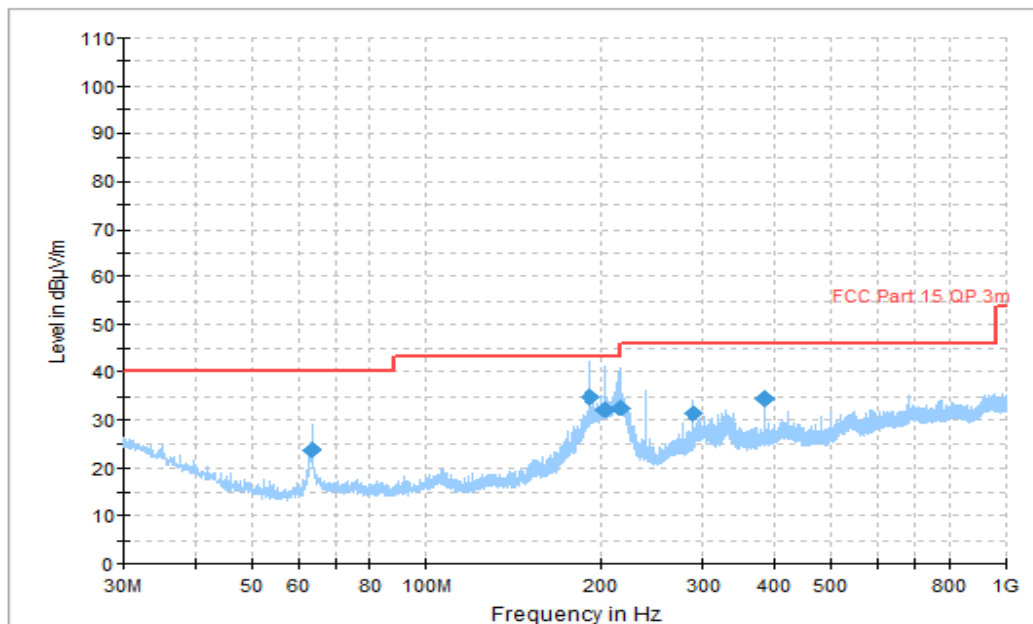


Figure A.1.53. Radiated Emission (Data Transfer : PC to EUT,30MHz to 1GHz)

Final_Result

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	ARpl (dB/m)	PMea (dBμV)
63.255000	23.84	40.00	16.16	H	-15.3	39.14
192.002222	34.99	43.50	8.51	H	-12.6	47.59
204.001667	32.34	43.50	11.16	H	-11.4	43.74
216.000556	32.69	46.00	13.31	H	-11.2	43.89
288.013889	31.31	46.00	14.69	H	-9.2	40.51
383.990000	34.59	46.00	11.41	H	-4.8	40.51

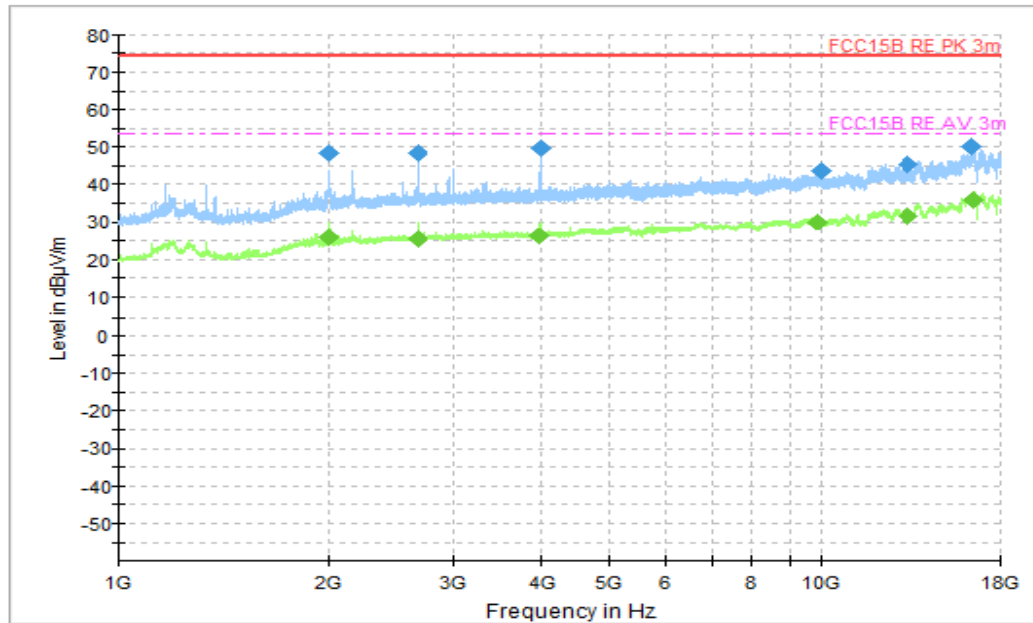


Figure A.1.54. Radiated Emission (Data Transfer : PC to EUT: EUT to PC,1GHz to 18GHz)
Final_Results_PK

Frequency(MHz)	Peak (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	PMea (dBμV)
1999.500000	52.35	74.00	21.65	V	-5.9	58.25
2662.000000	48.43	74.00	25.57	V	-4.1	52.53
3994.000000	49.62	74.00	24.38	V	-1.8	51.42
10021.500000	43.98	74.00	30.02	V	6.3	37.68
13275.500000	45.43	74.00	28.57	H	8.2	37.23
16427.000000	49.89	74.00	24.11	H	14.6	35.29

Final_Results_AVG

Frequency(MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	PMea (dBμV)
1994.000000	26.17	54.00	27.83	V	-5.9	32.07
2662.500000	25.45	54.00	28.55	V	-4.1	29.55
3988.500000	26.47	54.00	27.53	V	-1.8	28.27
9916.500000	30.34	54.00	23.66	V	6.3	24.04
13282.500000	31.75	54.00	22.25	H	8.3	23.45
16468.000000	35.98	54.00	18.02	V	14.7	21.28

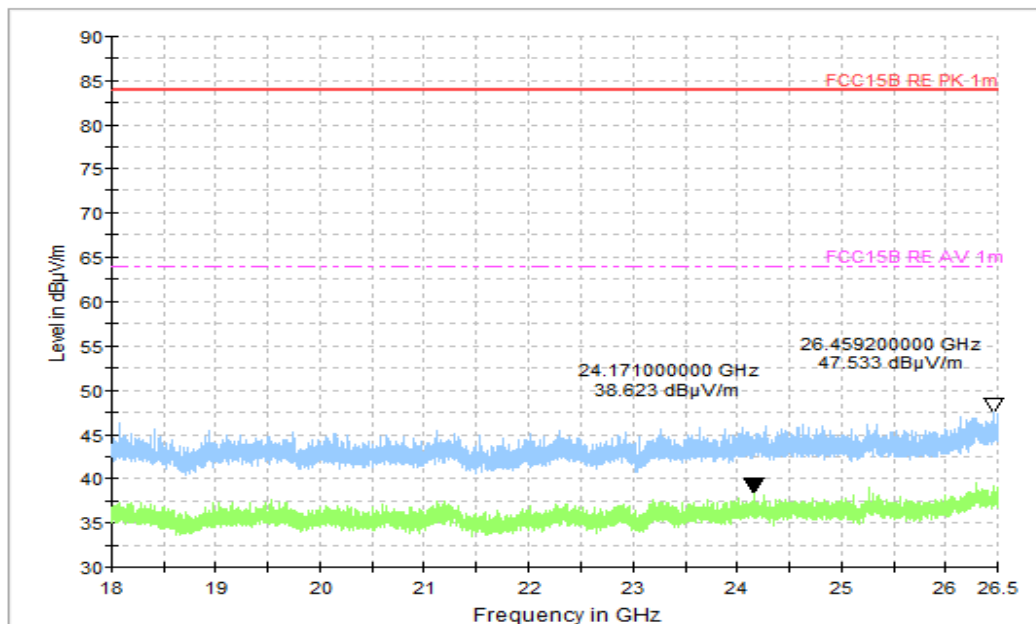


Figure A.1.55. Radiated Emission (Data Transfer : PC to EUT,18GHz to 26.5GHz)

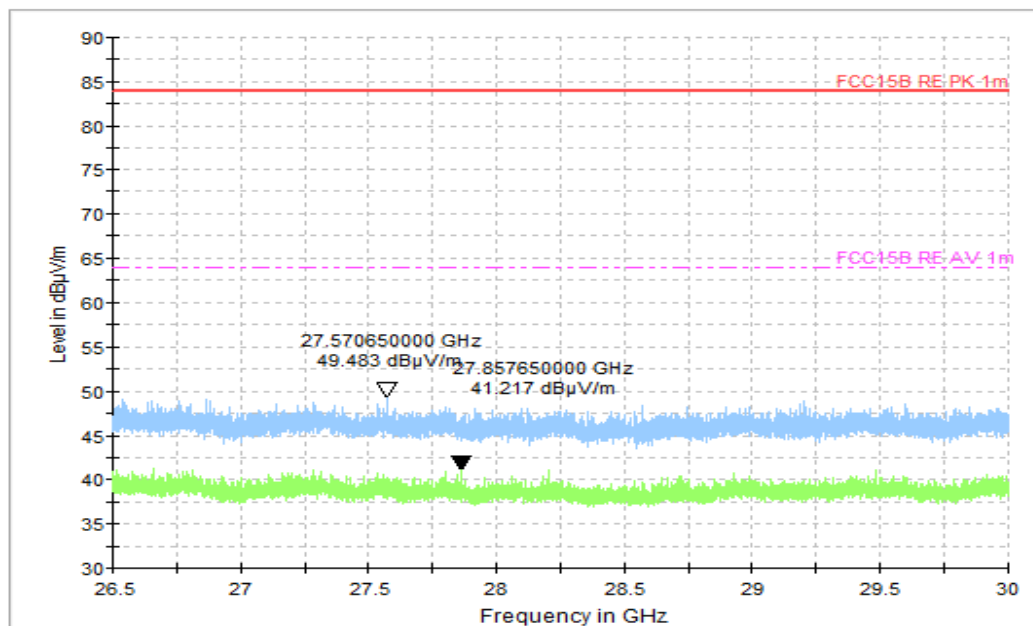


Figure A.1.56. Radiated Emission (Data Transfer : PC to EUT,26.5GHz to 30GHz)

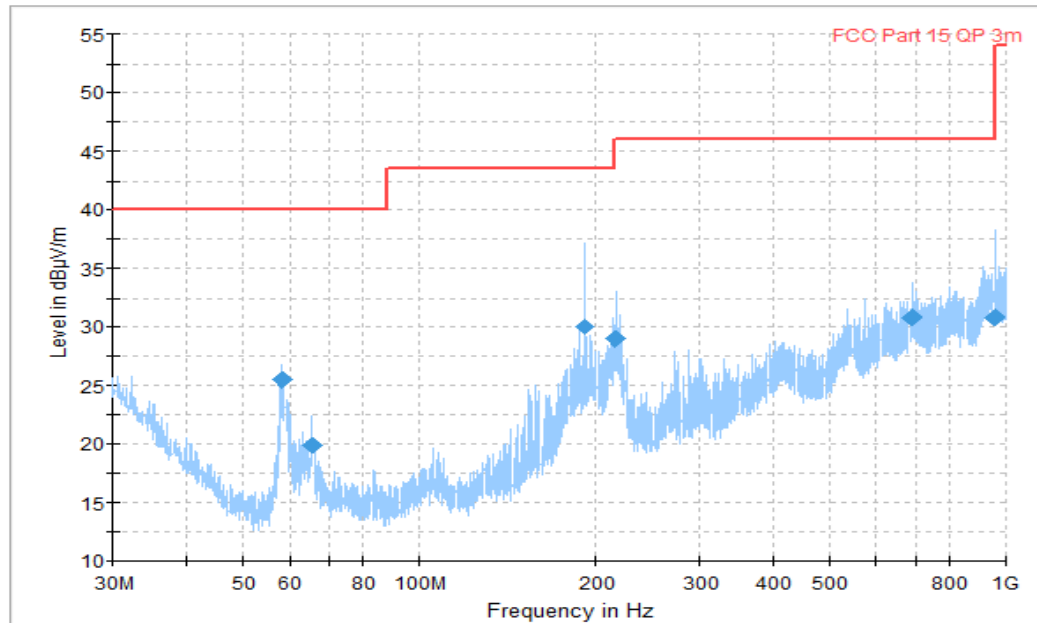


Figure A.1.57. Radiated Emission (Data Transfer : PC to TF Card,30MHz to 1GHz)

Final_Result

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	ARpl (dB/m)	PMea (dBμV)
58.153889	25.53	40.00	14.47	H	-15.9	41.43
65.818889	19.85	40.00	20.15	H	-15.0	34.85
192.020000	29.99	43.50	13.51	V	-12.6	42.59
216.005556	28.94	46.00	17.06	V	-11.2	40.14
690.348333	30.81	46.00	15.19	V	1.0	29.81
959.990556	30.77	46.00	15.23	H	2.5	28.27

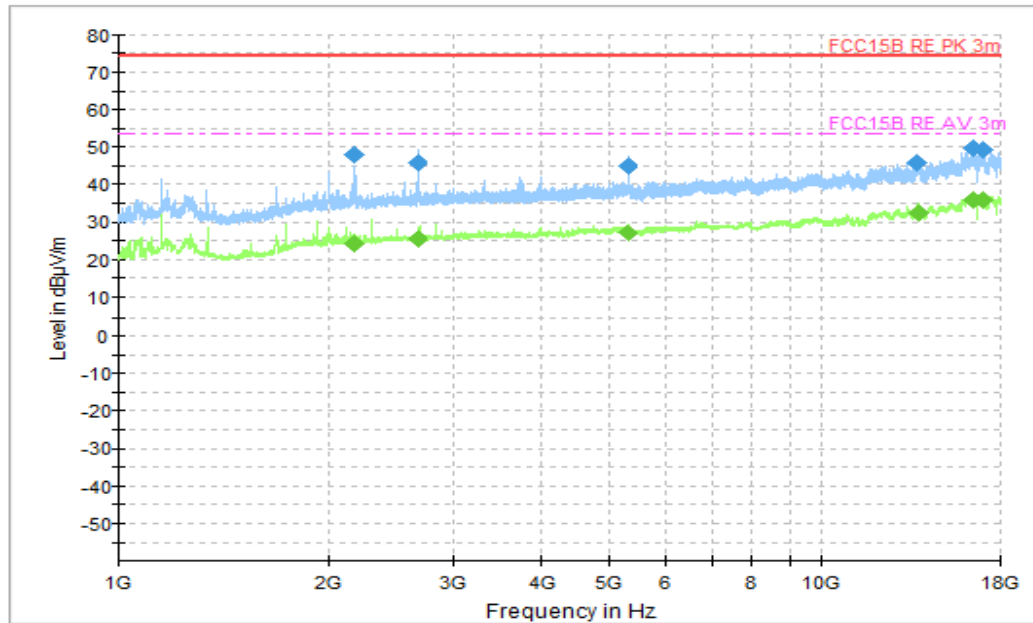


Figure A.1.58. Radiated Emission (Data Transfer : PC to TF Card,1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	PMea (dBμV)
2165.500000	48.09	74.00	25.91	V	-5.7	53.79
2661.500000	45.93	74.00	28.07	V	-4.1	50.03
5325.000000	44.94	74.00	29.06	V	1.6	43.34
13755.000000	45.79	74.00	28.21	H	8.9	36.89
16483.500000	49.83	74.00	24.17	H	14.7	35.13
17000.500000	49.34	74.00	24.66	H	14.8	34.54

Final_Results_AVG

Frequency(MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	PMea (dBμV)
2158.500000	24.48	54.00	29.52	V	-5.7	30.18
2659.000000	25.58	54.00	28.42	V	-4.1	29.68
5312.000000	27.35	54.00	26.65	V	1.6	25.75
13768.500000	32.77	54.00	21.23	H	9.0	23.77
16482.500000	36.11	54.00	17.89	V	14.7	21.41
17004.000000	36.07	54.00	17.93	H	14.8	21.27

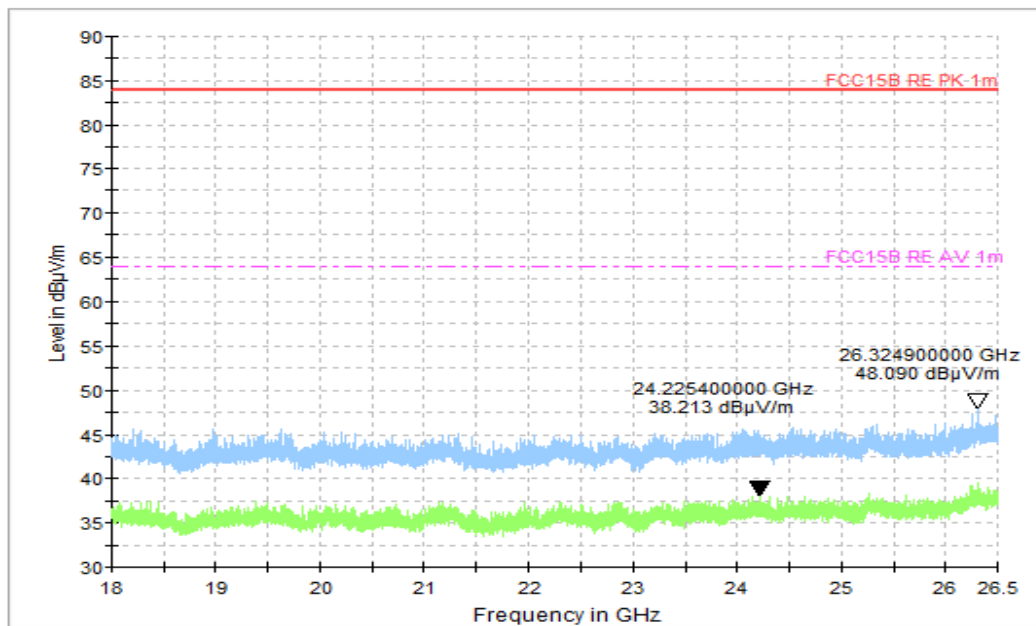


Figure A.1.59. Radiated Emission (Data Transfer : PC to TF Card,18GHz to 26.5GHz)

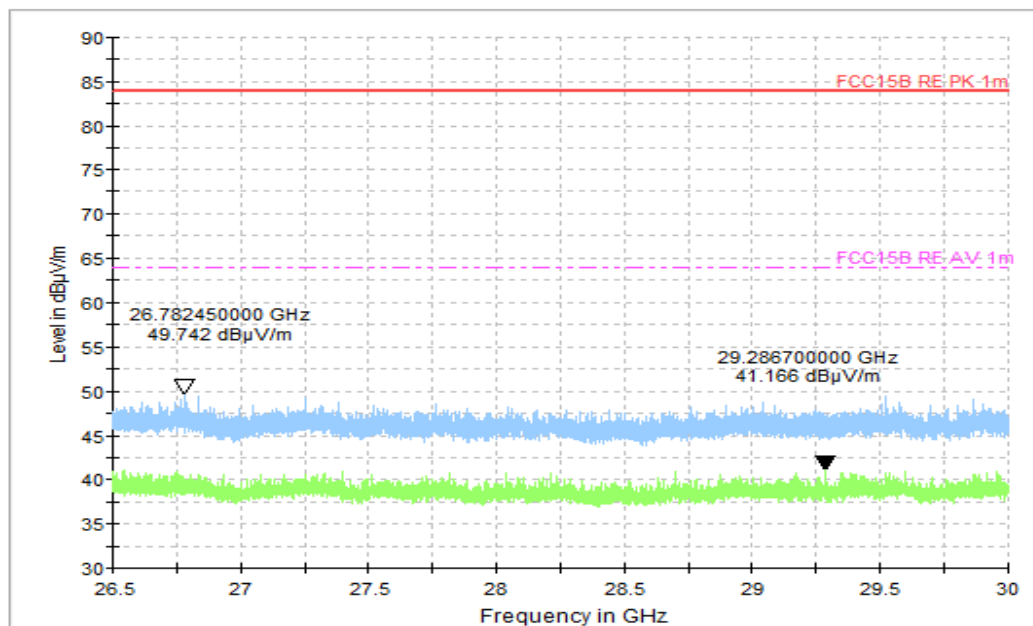


Figure A.1.60. Radiated Emission (Data Transfer : PC to TF Card, 26.5GHz to 30GHz)

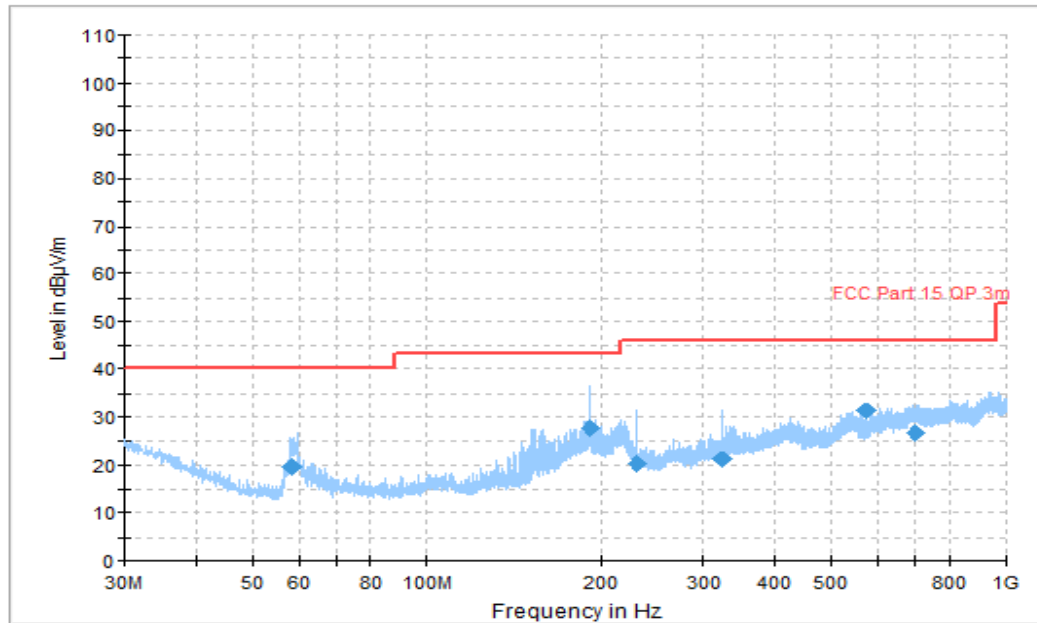


Figure A.1.61. Radiated Emission (Data Transfer : TF Card to PC,30MHz to 1GHz)

Final_Result

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	ARpl (dB/m)	PMea (dBμV)
58.158889	19.72	40.00	20.28	H	-15.9	35.62
192.013889	27.59	43.50	15.91	V	-12.6	40.19
231.496667	20.40	46.00	25.60	V	-10.4	30.80
322.712778	21.09	46.00	24.91	V	-8.1	29.19
576.002222	31.24	46.00	14.76	H	-1.8	33.04
695.887222	26.85	46.00	19.15	V	1.1	25.75

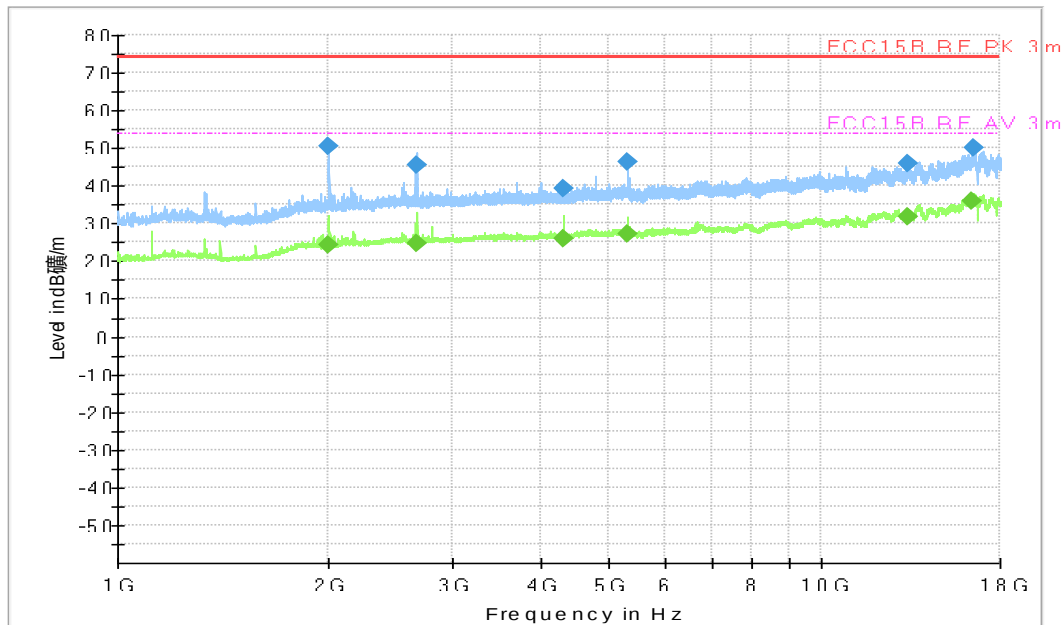


Figure A.1.62. Radiated Emission (Data Transfer : TF Card to PC,1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	PMea (dBμV)
1993.500000	50.66	74.00	23.34	V	-5.9	56.56
2661.500000	45.37	74.00	28.63	V	-4.1	49.47
4319.500000	39.31	74.00	34.69	V	-0.9	40.21
5311.500000	46.42	74.00	27.58	V	1.6	44.82
13291.500000	45.94	74.00	28.06	H	8.3	37.64
16478.000000	50.13	74.00	23.87	V	14.7	35.43

Final_Results_AVG

Frequency(MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	PMea (dBμV)
1995.500000	24.15	54.00	29.85	V	-5.9	30.05
2661.500000	24.80	54.00	29.20	V	-4.1	28.9
4320.000000	25.91	54.00	28.09	V	-0.9	26.81
5311.000000	27.06	54.00	26.94	V	1.6	25.46
13295.000000	31.75	54.00	22.25	H	8.3	23.45
16446.500000	36.05	54.00	17.95	H	14.7	21.35

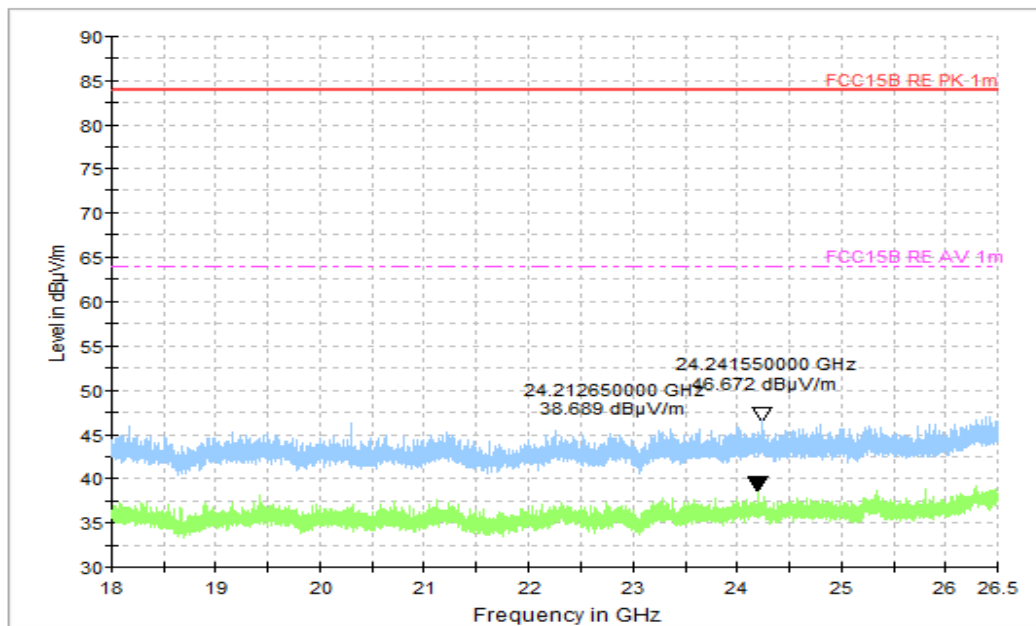


Figure A.1.63. Radiated Emission (Data Transfer : TF Card to PC,18GHz to 26.5GHz)

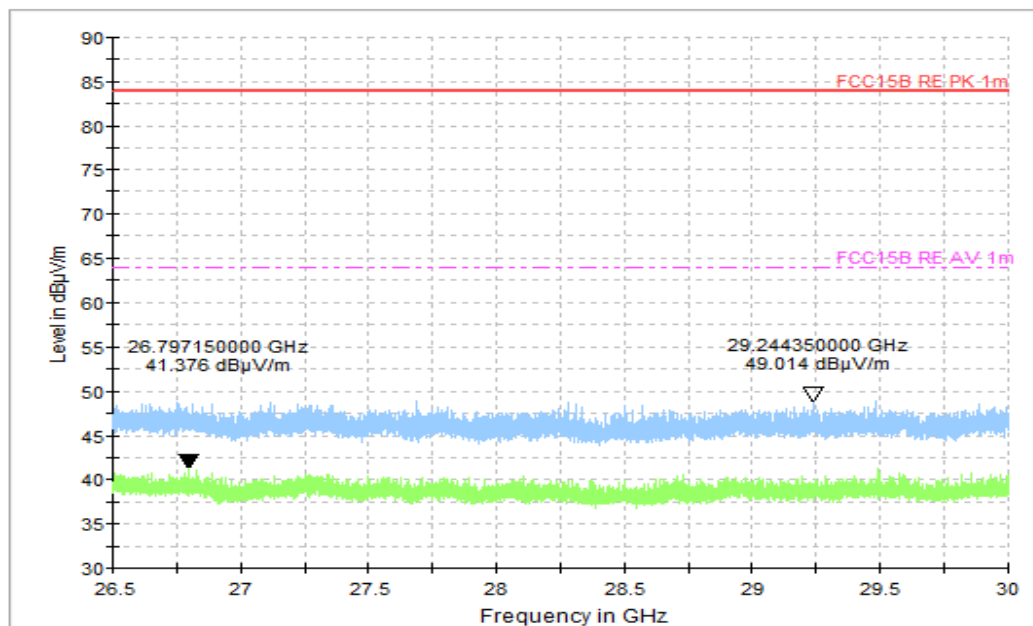


Figure A.1.64. Radiated Emission (Data Transfer : TF Card to PC, 26.5GHz to 30GHz)

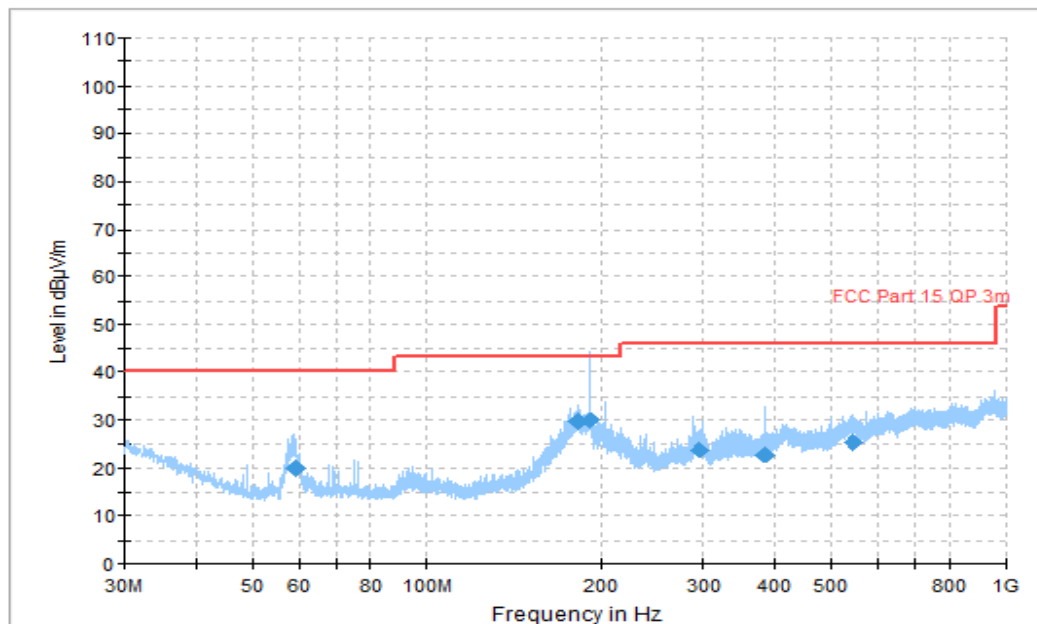


Figure A.1.65. Radiated Emission (Data Transfer : EUT TO PC,30MHz to 1GHz)

Final Result

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	ARpl (dB/m)	PMea (dBμV)
59.041111	19.83	40.00	20.17	V	-15.7	35.53
181.786667	29.81	43.50	13.69	H	-12.0	41.81
191.990000	30.03	43.50	13.47	H	-12.6	42.63
295.732222	23.85	46.00	22.15	H	-8.6	32.45
384.002222	23.01	46.00	22.99	V	-4.8	27.81
544.795556	25.30	46.00	20.70	V	-0.1	25.40

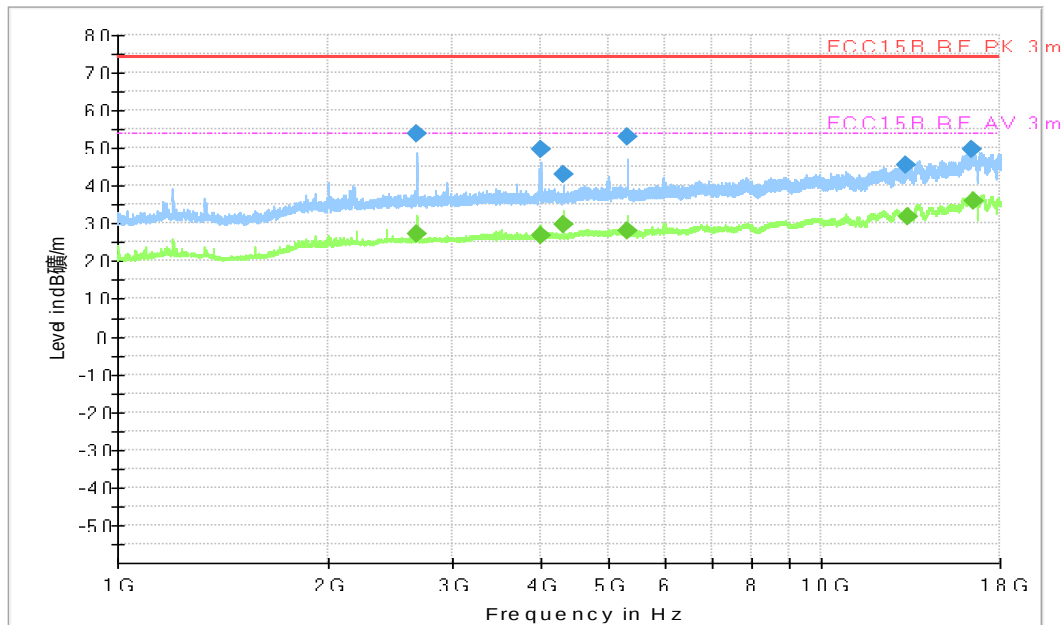


Figure A.1.66. Radiated Emission (Data Transfer : EUT TO PC,1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	PMea (dBμV)
2660.000000	54.03	74.00	19.97	V	-4.1	58.13
3992.000000	49.58	74.00	24.42	V	-1.8	51.38
4319.500000	43.00	74.00	31.00	V	-0.9	43.90
5323.500000	52.94	74.00	21.06	V	1.6	51.34
13266.000000	45.45	74.00	28.55	H	8.2	37.25
16425.000000	49.86	74.00	24.14	H	14.6	35.26

Final_Results_AVG

Frequency(MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	PMea (dBμV)
2660.000000	27.08	54.00	26.92	V	-4.1	31.18
3989.500000	26.79	54.00	27.21	V	-1.8	28.59
4320.000000	29.79	54.00	24.21	V	-0.9	30.69
5319.000000	27.99	54.00	26.01	V	1.6	26.39
13280.000000	31.82	54.00	22.18	V	8.3	23.52
16477.000000	36.07	54.00	17.93	H	14.7	21.37

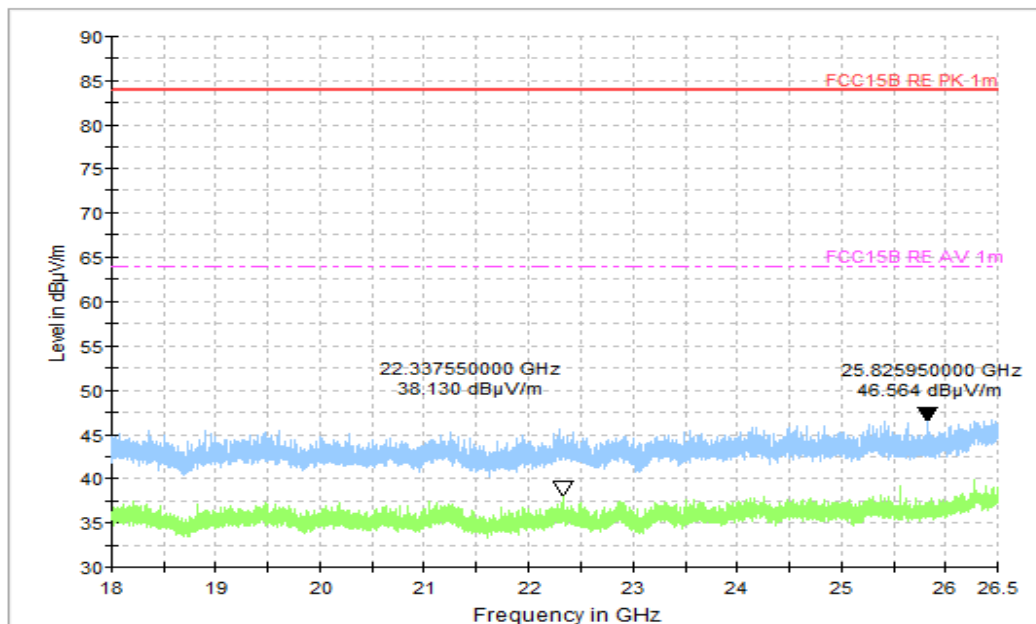


Figure A.1.67. Radiated Emission (Data Transfer : EUT TO PC,18GHz to 26.5GHz)

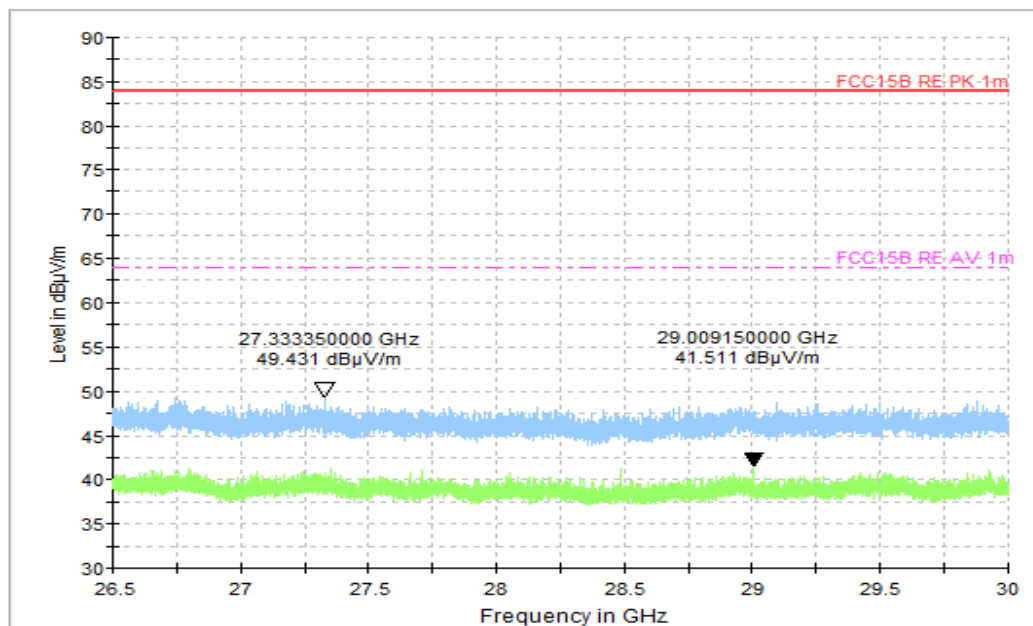


Figure A.1.68. Radiated Emission (Data Transfer : EUT TO PC, 26.5GHz to 30GHz)

A.2 Conducted Emission (§15.107(a))**Reference**

FCC: CFR 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:

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

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.

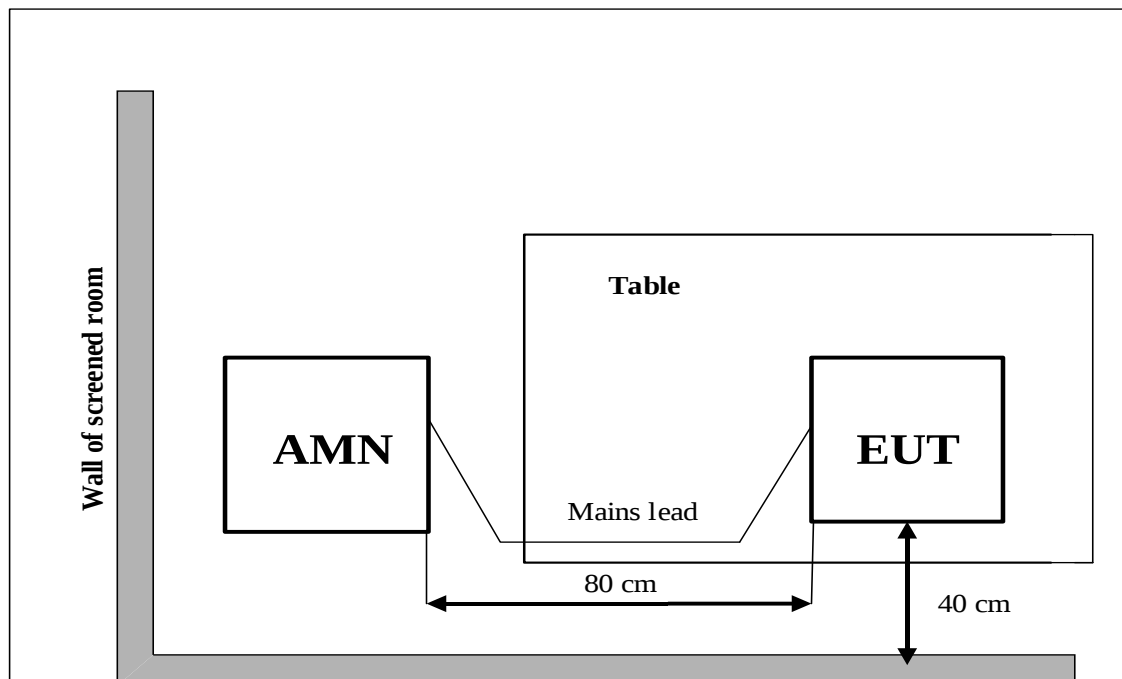
Video Player: The EUT is connected to a charger for charging and keeping on playing mp3.

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 MS or TF Card, reading and erasing the data after copy action was finished.

A.2.3 Measurement Limit

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

A.2.4 Test set-up:



A.2.5 Test Condition in charging mode

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

RBW	Sweep Time(s)
9kHz	1

A.2.6 Measurement Results

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

Where

Corr: PathLoss + Voltage Division Factor

PMea: Measurement result on receiver.

Camera

AC Input Port/ Voltage: 120V/60Hz

Frequency range (MHz)	Quasi-peak Limit (dBμV)	Average Limit (dBμV)	Result (dBμV)	Conclusion
			UT07aa/Set.1	
0.15 to 0.5	66 to 56	56 to 46	See Figure A.2.1	P
0.5 to 5	56	46		
5 to 30	60	50		
NOTE: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.				

Video Player

AC Input Port/ Voltage: 120V/60Hz

Frequency range (MHz)	Quasi-peak Limit (dBμV)	Average Limit (dBμV)	Result (dBμV)	Conclusion
			UT07aa/Set.1	
0.15 to 0.5	66 to 56	56 to 46	See Figure A.2.2	P
0.5 to 5	56	46		
5 to 30	60	50		
NOTE: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.				

Video Player

AC Input Port/ Voltage: 120V/60Hz

Frequency range (MHz)	Quasi-peak Limit (dBμV)	Average Limit (dBμV)	Result (dBμV)	Conclusion
			UT07aa/Set.2	
0.15 to 0.5	66 to 56	56 to 46	See Figure A.2.3	P
0.5 to 5	56	46		
5 to 30	60	50		
NOTE: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.				

FM receiver

AC Input Port/ Voltage: 120V/60Hz

Frequency range (MHz)	Quasi-peak Limit (dBμV)	Average Limit (dBμV)	Result (dBμV)	Conclusion
			UT07aa/Set.5	
0.15 to 0.5	66 to 56	56 to 46	See Figure A.2.4	P
0.5 to 5	56	46		
5 to 30	60	50		
NOTE: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.				

Data Transfer

AC Input Port/ Voltage: 120V/60Hz

Frequency range (MHz)	Quasi-peak Limit (dBμV)	Average Limit (dBμV)	Result (dBμV)	Conclusion
			UT07aa/Set.3	
0.15 to 0.5	66 to 56	56 to 46	See Figure A.2.5	P
0.5 to 5	56	46		
5 to 30	60	50		
NOTE: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.				

Data Transfer

AC Input Port/ Voltage: 120V/60Hz

Frequency range (MHz)	Quasi-peak Limit (dBμV)	Average Limit (dBμV)	Result (dBμV)	Conclusion
			UT07aa/Set.4	
0.15 to 0.5	66 to 56	56 to 46	See Figure A.2.6	P
0.5 to 5	56	46		
5 to 30	60	50		
NOTE: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.				

Camera

AC Input Port/ Voltage: 240V/60Hz

Frequency range (MHz)	Quasi-peak Limit (dBμV)	Average Limit (dBμV)	Result (dBμV)	Conclusion
			UT07aa/Set.1	
0.15 to 0.5	66 to 56	56 to 46	See Figure A.2.7	P
0.5 to 5	56	46		
5 to 30	60	50		
NOTE: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.				

Video Player

AC Input Port/ Voltage: 240V/60Hz

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

Video Player

AC Input Port/ Voltage: 240V/60Hz

Frequency range (MHz)	Quasi-peak Limit (dBμV)	Average Limit (dBμV)	Result (dBμV)	Conclusion
			UT07aa/Set.2	
0.15 to 0.5	66 to 56	56 to 46	See Figure A.2.9	P
0.5 to 5	56	46		
5 to 30	60	50		
NOTE: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.				

Data Transfer

AC Input Port/ Voltage: 240V/60Hz

Frequency range (MHz)	Quasi-peak Limit (dBμV)	Average Limit (dBμV)	Result (dBμV)	Conclusion
			UT07aa/Set.3	
0.15 to 0.5	66 to 56	56 to 46	See Figure A.2.10	P
0.5 to 5	56	46		
5 to 30	60	50		
NOTE: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.				

Data Transfer

AC Input Port/ Voltage: 240V/60Hz

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

AC Input Port/ Voltage: 120V/60Hz

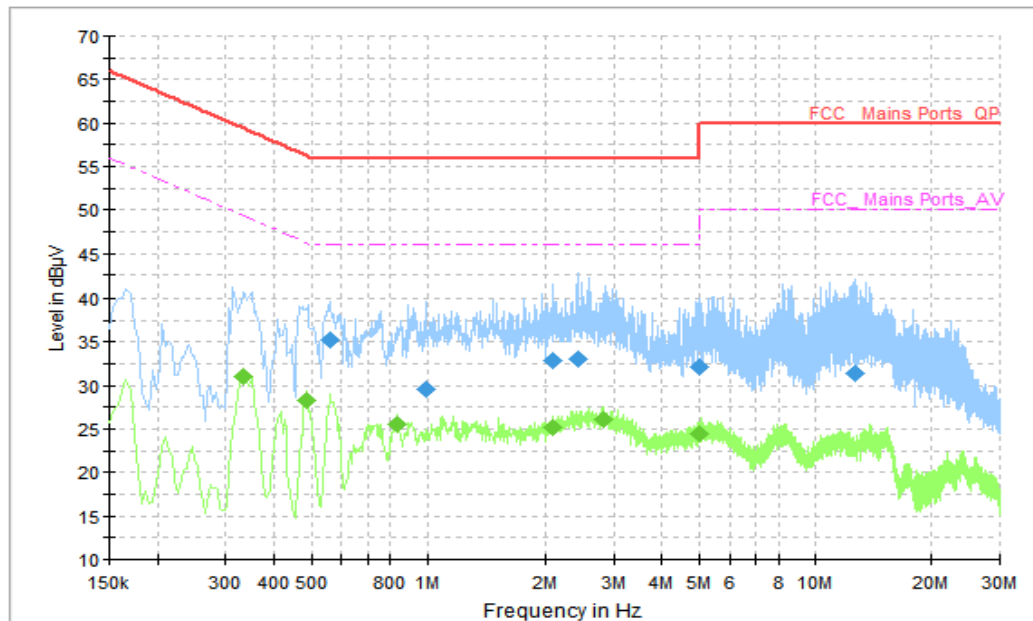


Figure A.2.1 Conducted Emission(Camera)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	PMea (dBμV)
0.558000	35.30	56.00	20.70	N	10	25.30
0.986000	29.58	56.00	26.42	L1	10	19.58
2.082000	32.92	56.00	23.08	L1	10	22.92
2.430000	33.01	56.00	22.99	L1	10	23.01
4.978000	32.07	56.00	23.93	L1	10	22.07
12.670000	31.36	60.00	28.64	L1	10	21.36

Final_Result_AVG

Frequency (MHz)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	PMea (dBμV)
0.334000	31.11	49.35	18.24	N	10	21.11
0.486000	28.38	46.24	17.85	N	10	18.38
0.830000	25.58	46.00	20.42	N	10	15.58
2.094000	25.19	46.00	20.81	L1	10	15.19
2.818000	26.10	46.00	19.90	L1	10	16.1
4.978000	24.48	46.00	21.52	L1	10	14.48

AC Input Port/ Voltage: 120V/60Hz

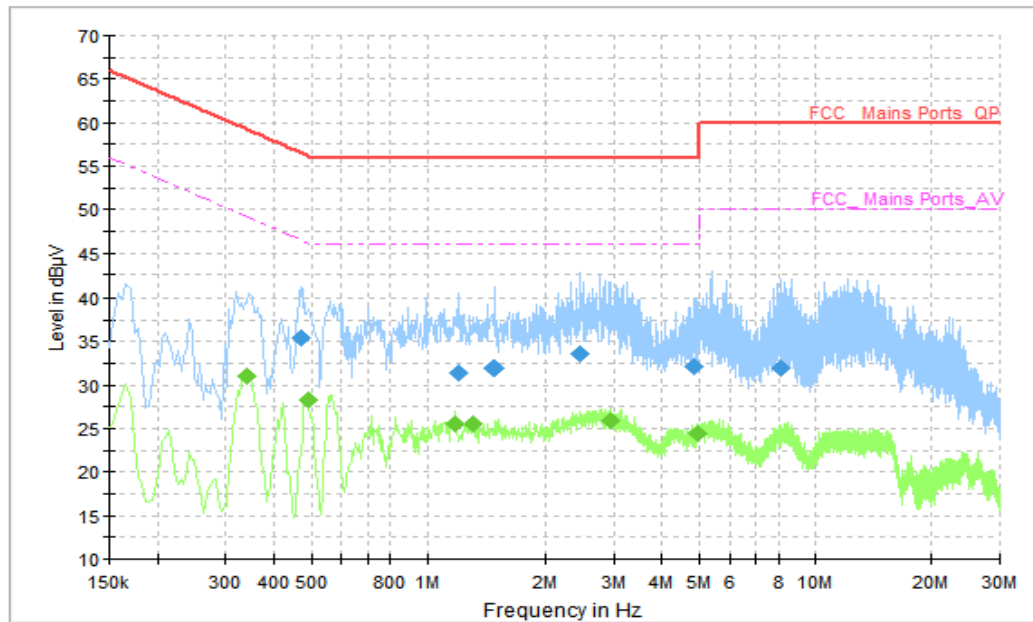


Figure A.2.2 Conducted Emission(Video Player)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	PMea (dBμV)
0.470000	35.45	56.51	21.06	N	10	25.45
1.206000	31.37	56.00	24.63	L1	10	21.37
1.478000	31.99	56.00	24.01	L1	10	21.99
2.454000	33.65	56.00	22.35	L1	10	23.65
4.854000	32.19	56.00	23.81	L1	10	22.19
8.090000	31.89	60.00	28.11	L1	10	21.89

Final_Result_AVG

Frequency (MHz)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	PMea (dBμV)
0.342000	31.06	49.16	18.09	N	10	21.06
0.490000	28.35	46.17	17.81	N	10	18.35
1.174000	25.46	46.00	20.54	N	10	15.46
1.318000	25.51	46.00	20.49	N	10	15.51
2.954000	25.96	46.00	20.04	L1	10	15.96
4.974000	24.47	46.00	21.53	L1	10	14.47

AC Input Port/ Voltage: 120V/60Hz

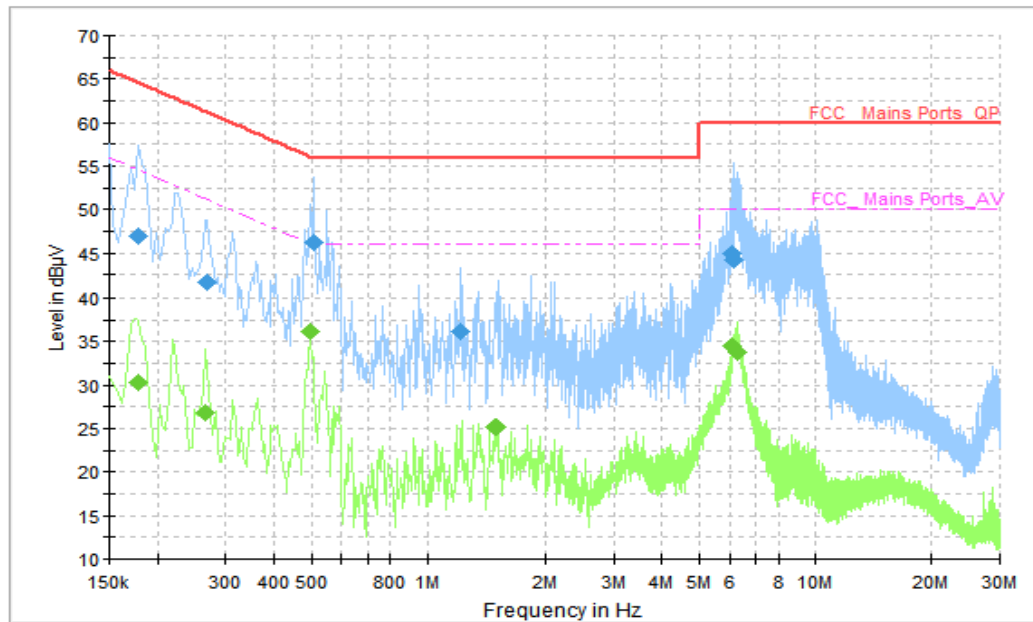


Figure A.2.3 Conducted Emission(Video Player)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	PMea (dBμV)
0.178000	47.02	64.58	17.56	N	10	37.02
0.270000	41.60	61.12	19.52	L1	10	31.60
0.506000	46.15	56.00	9.85	L1	10	36.15
1.222000	36.10	56.00	19.90	L1	10	26.10
6.066000	45.03	60.00	14.97	L1	10	35.03
6.162000	44.28	60.00	15.73	N	10	34.28

Final_Result_AVG

Frequency (MHz)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	PMea (dBμV)
0.178000	30.25	54.58	24.33	N	10	20.25
0.266000	26.91	51.24	24.33	N	10	16.91
0.498000	36.09	46.03	9.94	L1	10	26.09
1.490000	25.15	46.00	20.85	N	10	15.15
6.066000	34.55	50.00	15.45	L1	10	24.55
6.274000	33.87	50.00	16.13	L1	10	23.87

AC Input Port/ Voltage: 120V/60Hz

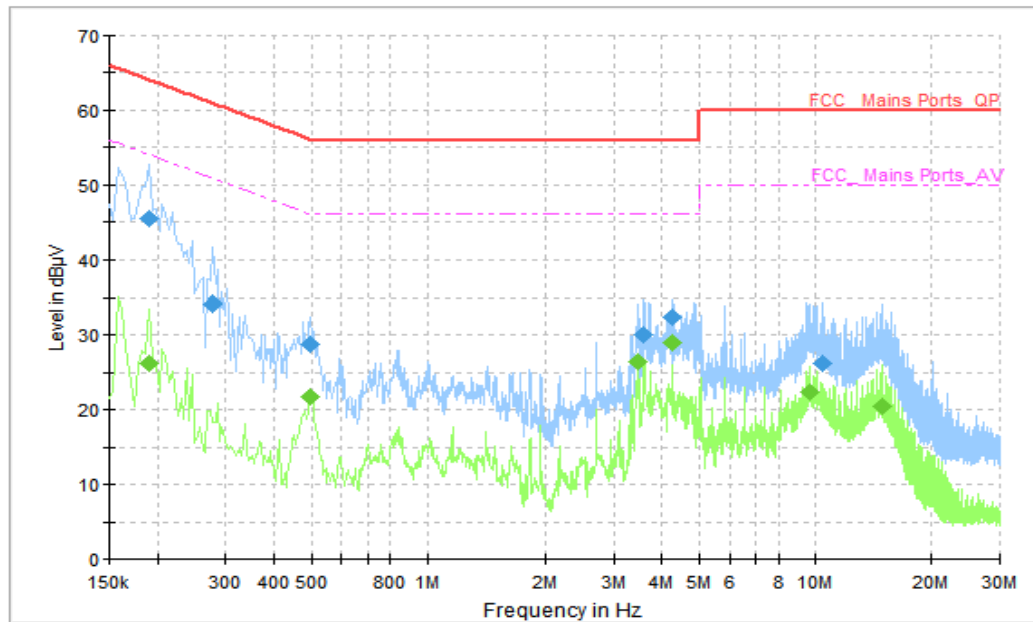


Figure A.2.4 Conducted Emission(Data Transfer)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	PMea (dBμV)
0.190000	45.39	64.04	18.65	L1	10	35.39
0.278000	34.04	60.88	26.83	N	10	24.04
0.498000	28.83	56.03	27.20	N	10	18.83
3.598000	30.15	56.00	25.85	L1	10	20.15
4.258000	32.47	56.00	23.53	L1	10	22.47
10.378000	26.28	60.00	33.72	L1	10	16.28

Final_Result_AVG

Frequency (MHz)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	PMea (dBμV)
0.190000	26.29	54.04	27.75	L1	10	16.29
0.498000	21.71	46.03	24.33	N	10	11.71
3.482000	26.51	46.00	19.49	N	10	16.51
4.258000	29.11	46.00	16.89	L1	10	19.11
9.634000	22.35	50.00	27.66	L1	10	12.35
14.830000	20.59	50.00	29.41	N	10	10.59

AC Input Port/ Voltage: 120V/60Hz

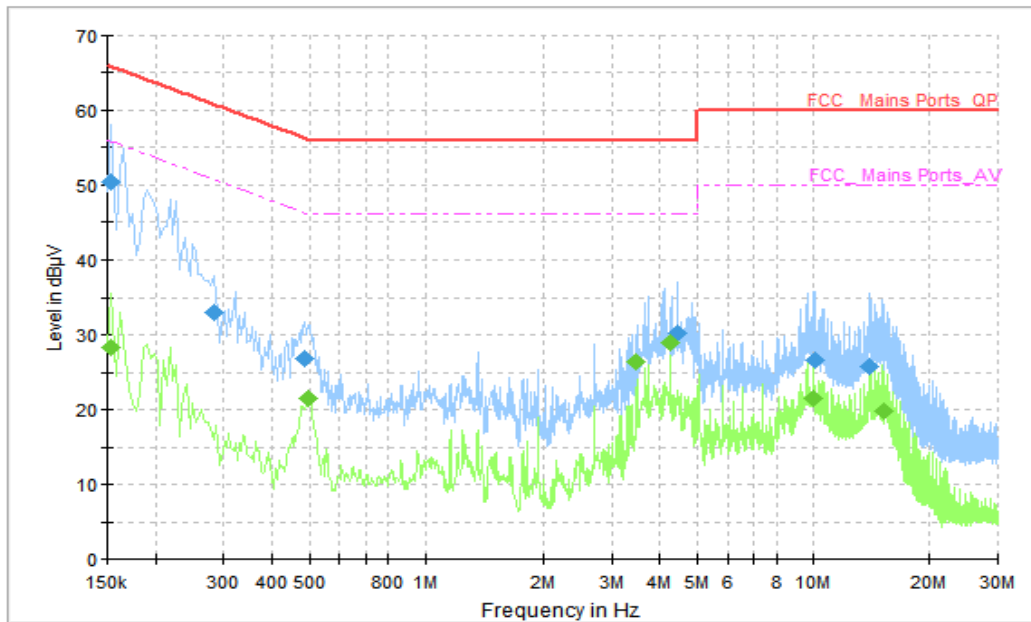


Figure A.2.5 Conducted Emission(Data Transfer)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	PMea (dBμV)
0.154000	50.43	65.78	15.35	N	10	40.43
0.282000	33.17	60.76	27.59	L1	10	23.17
0.486000	26.82	56.24	29.42	L1	10	16.82
4.454000	30.21	56.00	25.79	N	10	20.21
10.090000	26.67	60.00	33.33	L1	10	16.67
13.978000	25.83	60.00	34.18	N	10	15.83

Final_Result_AVG

Frequency (MHz)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	PMea (dBμV)
0.154000	28.29	55.78	27.50	N	10	18.29
0.498000	21.64	46.03	24.40	N	10	11.64
3.482000	26.36	46.00	19.64	N	10	16.36
4.258000	29.11	46.00	16.89	N	10	19.11
9.950000	21.62	50.00	28.38	L1	10	11.62
15.178000	19.76	50.00	30.24	N	10	9.76

AC Input Port/ Voltage: 240V/60Hz

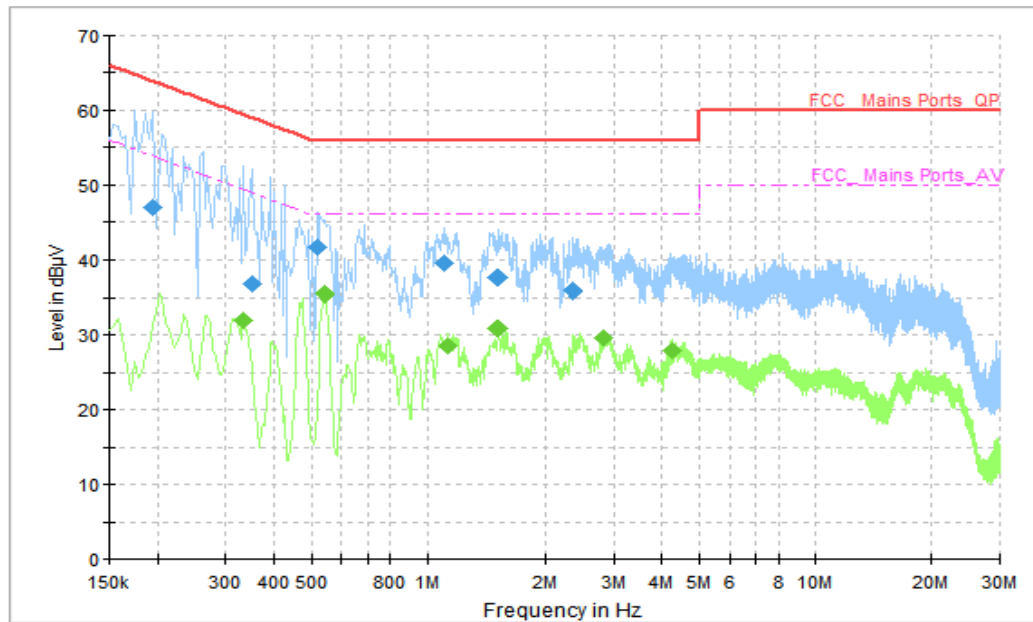


Figure A.2.6 Conducted Emission(Camera)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	PMea (dBμV)
0.194000	46.88	63.86	16.98	N	10	36.88
0.350000	36.63	58.96	22.33	N	10	26.63
0.518000	41.72	56.00	14.28	L1	10	31.72
1.110000	39.55	56.00	16.45	N	10	29.55
1.514000	37.53	56.00	18.47	N	10	27.53
2.362000	35.91	56.00	20.09	N	10	25.91

Final_Result_AVG

Frequency (MHz)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	PMea (dBμV)
0.334000	31.98	49.35	17.37	N	10	21.98
0.542000	35.43	46.00	10.57	N	10	25.43
1.126000	28.56	46.00	17.44	N	10	18.56
1.506000	30.94	46.00	15.06	N	10	20.94
2.838000	29.60	46.00	16.40	N	10	19.6
4.274000	28.01	46.00	17.99	N	10	18.01

AC Input Port/ Voltage: 240V/60Hz

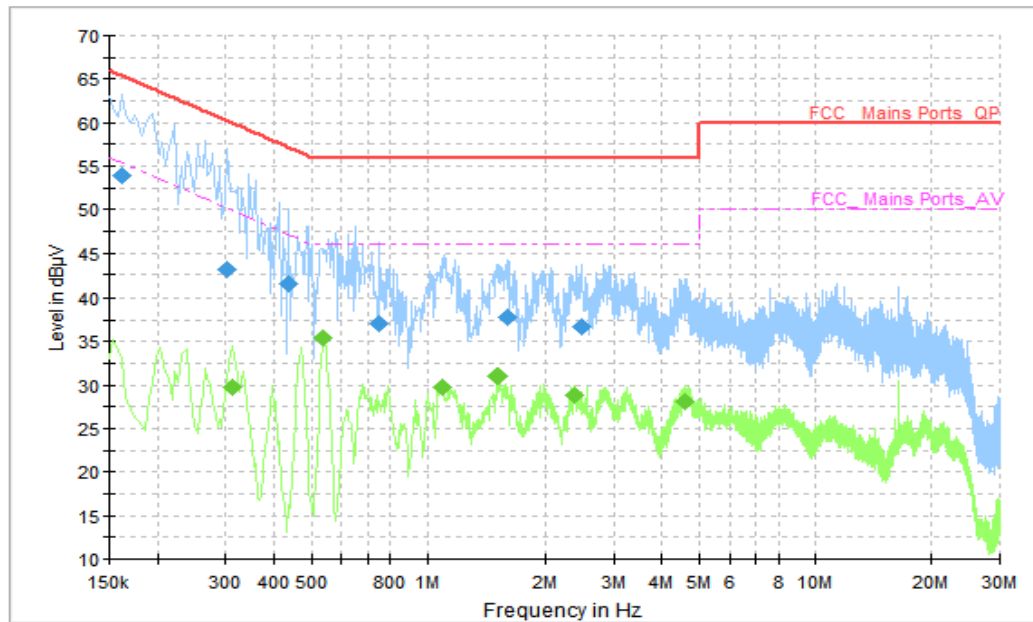


Figure A.2.7 Conducted Emission(Video Player)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	PMea (dBμV)
0.162000	53.84	65.36	11.52	L1	10	43.84
0.302000	43.12	60.19	17.07	L1	10	33.12
0.438000	41.49	57.10	15.61	L1	10	31.49
0.750000	37.05	56.00	18.95	N	10	27.05
1.598000	37.73	56.00	18.27	N	10	27.73
2.474000	36.73	56.00	19.27	N	10	26.73

Final_Result_AVG

Frequency (MHz)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	PMea (dBμV)
0.314000	29.83	49.86	20.03	N	10	19.83
0.538000	35.37	46.00	10.63	N	10	25.37
1.090000	29.72	46.00	16.28	N	10	19.72
1.506000	31.06	46.00	14.94	N	10	21.06
2.386000	28.79	46.00	17.21	N	10	18.79
4.574000	28.05	46.00	17.95	N	10	18.05

AC Input Port/ Voltage: 240V/60Hz

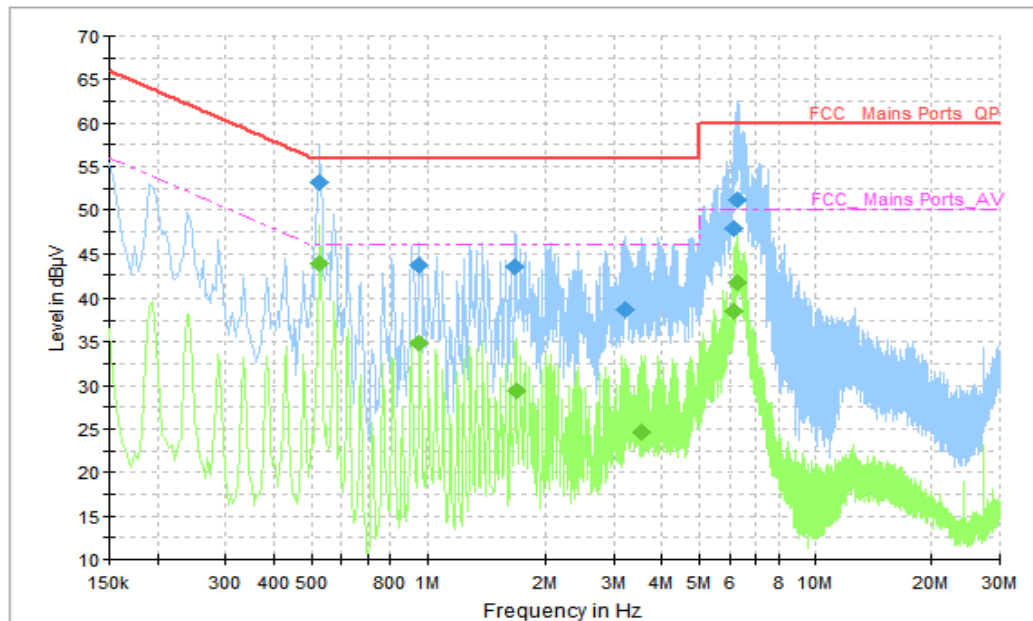


Figure A.2.8 Conducted Emission(Video Player)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	PMea (dBμV)
0.526000	53.13	56.00	2.87	N	10	43.13
0.954000	43.60	56.00	12.40	N	10	33.60
1.670000	43.49	56.00	12.51	N	10	33.49
3.198000	38.70	56.00	17.30	N	10	28.70
6.110000	47.90	60.00	12.10	N	10	37.9
6.306000	51.18	60.00	8.82	N	10	41.18

Final_Result_AVG

Frequency (MHz)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	PMea (dBμV)
0.526000	43.87	46.00	2.13	N	10	33.87
0.954000	34.79	46.00	11.21	N	10	24.79
1.674000	29.40	46.00	16.60	N	10	19.40
3.534000	24.67	46.00	21.33	N	10	14.67
6.110000	38.48	50.00	11.52	N	10	28.48
6.254000	41.56	50.00	8.44	N	10	31.56

AC Input Port/ Voltage: 240V/60Hz

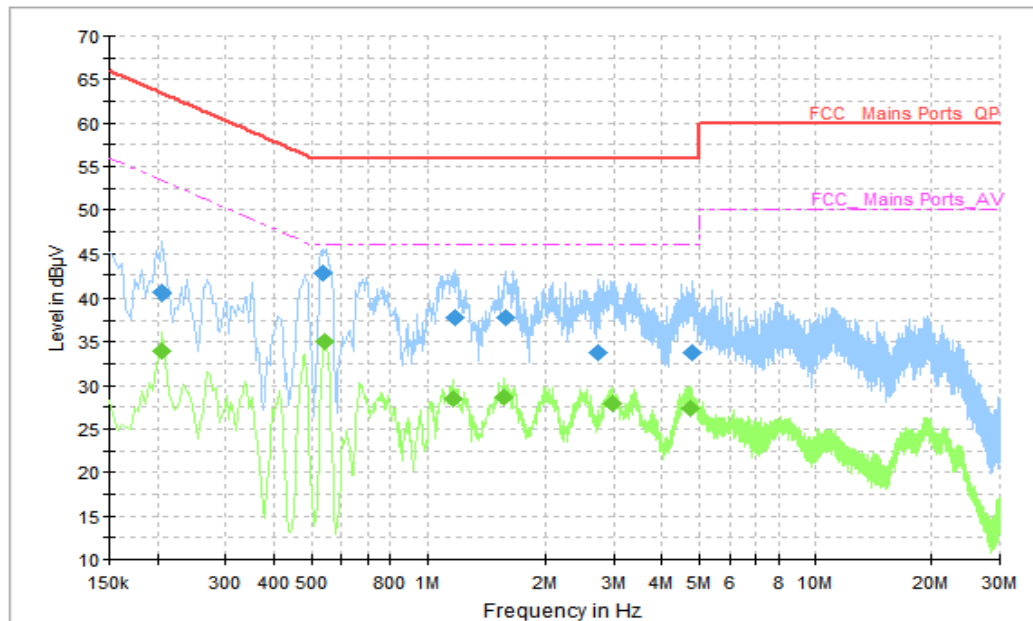


Figure A.2.9 Conducted Emission(FM receiver)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	PMea (dBμV)
0.206000	40.64	63.37	22.72	N	10	30.64
0.534000	42.75	56.00	13.25	N	10	32.75
1.178000	37.75	56.00	18.25	N	10	27.75
1.578000	37.86	56.00	18.14	N	10	27.86
2.746000	33.80	56.00	22.20	L1	10	23.8
4.790000	33.84	56.00	22.16	N	10	23.84

Final_Result_AVG

Frequency (MHz)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	PMea (dBμV)
0.206000	33.92	53.37	19.44	N	10	23.92
0.542000	35.07	46.00	10.93	N	10	25.07
1.166000	28.43	46.00	17.57	N	10	18.43
1.554000	28.66	46.00	17.34	N	10	18.66
2.966000	27.84	46.00	18.16	N	10	17.84
4.758000	27.43	46.00	18.57	N	10	17.43

AC Input Port/ Voltage: 240V/60Hz

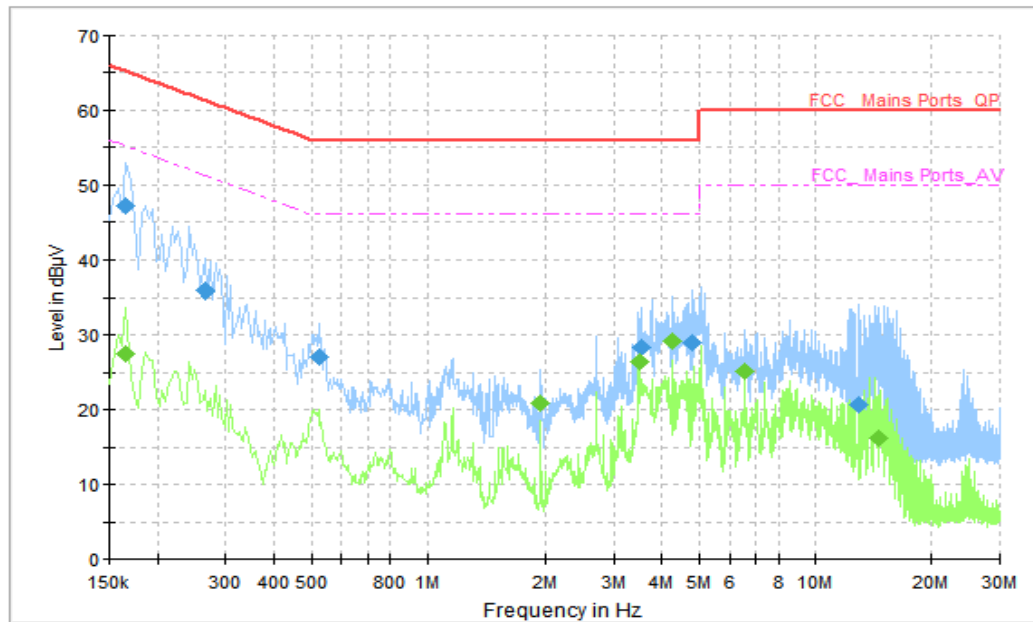


Figure A.2.10 Conducted Emission(Data Transfer)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	PMea (dBμV)
0.166000	47.17	65.16	17.99	L1	10	37.17
0.266000	35.81	61.24	25.43	L1	10	25.81
0.522000	27.17	56.00	28.83	N	10	17.17
3.526000	28.38	56.00	27.62	L1	10	18.38
4.766000	29.05	56.00	26.95	N	10	19.05
12.894000	20.71	60.00	39.29	L1	10	10.71

Final_Result_AVG

Frequency (MHz)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	PMea (dBμV)
0.166000	27.43	55.16	27.73	L1	10	17.43
1.934000	20.92	46.00	25.08	L1	10	10.92
3.486000	26.54	46.00	19.46	L1	10	16.54
4.258000	29.16	46.00	16.84	N	10	19.16
6.582000	25.12	50.00	24.88	N	10	15.12
14.590000	16.23	50.00	33.77	N	10	6.23

AC Input Port/ Voltage: 240V/60Hz

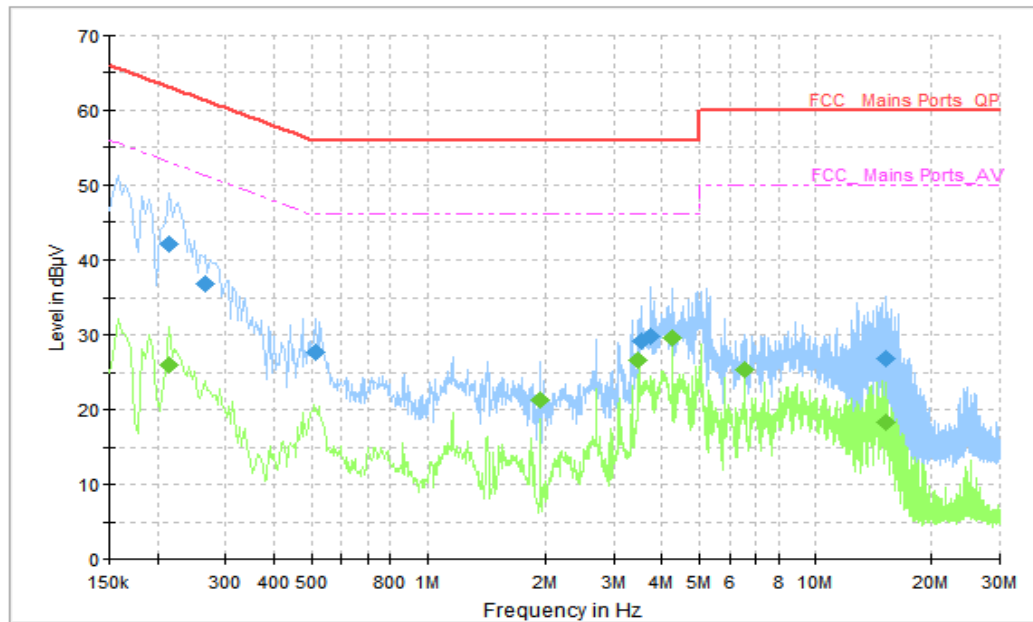


Figure A.2.11 Conducted Emission(Data Transfer)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	PMea (dBμV)
0.214000	41.99	63.05	21.06	N	10	31.99
0.266000	36.71	61.24	24.53	N	10	26.71
0.514000	27.65	56.00	28.35	N	10	17.65
3.538000	29.24	56.00	26.76	N	10	19.24
3.734000	29.83	56.00	26.17	N	10	19.83
15.126000	26.93	60.00	33.07	N	10	16.93

Final_Result_AVG

Frequency (MHz)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	PMea (dBμV)
0.214000	25.93	53.05	27.12	N	10	15.93
1.934000	21.24	46.00	24.76	N	10	11.24
3.482000	26.64	46.00	19.36	L1	10	16.64
4.258000	29.59	46.00	16.41	N	10	19.59
6.582000	25.41	50.00	24.59	N	10	15.41
15.126000	18.29	50.00	31.71	N	10	8.29

END OF REPORT