



TEST REPORT

No.I20N01092-EMC

for

TCL Communication Ltd.

Tablet PC

Model Name: 9013A

With

Hardware Version: PIO

Software Version: 1F12

FCC ID: 2ACCJBT18

Issued Date: 2020-06-18

Designation Number: CN1210

Note:

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

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**REPORT HISTORY**

Report Number	Revision	Description	Issue Date
I20N01092-EMC	Rev.0	1st edition	2020-06-18

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

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No.I20N01092-EMC

1. Summary of Test Report

1.1. Test Items

Description	Tablet PC
Model Name	9013A
Applicant's name	TCL Communication Ltd.
Manufacturer's Name	TCL Communication Ltd.

1.2. Test Standards

FCC Part 15, Subpart B 10-1-2019 Edition; ANSI C63.4 2014

1.3. Test Result

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: 2020-04-28

Testing End Date: 2020-05-15

1.6. Signature

Liang Yong

(Prepared this test report)

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(Reviewed this test report)

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(Approved this test report)



2. ClientInformation

2.1. Applicant Information

Company Name:	TCL Communication Ltd.
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Contact:	Gong Zhizhou
E-mail	zhizhou.gong@tcl.com
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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
E-mail	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	9013A
FCC ID	2ACCJBT18
Antenna Type	Internal Antenna
Condition of EUT as received	No obvious damage in appearance

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

GSM850MHz, WCDMA Band 5, LTE Band 5.

Note: Photographs of EUT are shown in ANNEX A of this test report. Components list, please refer to documents of the manufacturer; it is also included in the original test record of Shenzhen Academy of Information and Communications Technology.

3.2. Internal Identification of EUT

EUT ID*	SN or IMEI	HW Version	SW Version	Receive Date
UT01aa	355827110200067	PIO	1F12	2020-04-28

*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	Cable
AE4	Headset

AE1

Model	TLp025F7(CAC2580038C7)
Manufacturer	VEKEN
Capacity	2580mAh
Nominal Voltage	3.8v

AE2-1

Model	UC11US(CBA0058AGAC5)
Manufacturer	PUAN

AE2-2

Model	UC11US(CBA0058AGAC7)
Manufacturer	Chenyang

AE3-1

Model CDA3122005C1
Manufacturer JUWEI

AE3-2

Model CDA3122005C8
Manufacturer PUAN

AE4

Model /
Manufacturer /

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

Note: AE4 just for testing

3.4. EUT set-ups

EUT set-up No.	Combination of EUT and AE	Remarks
Set.1	UT01aa +AE1+AE2-1+AE3-1	
Set.2	UT01aa +AE1+AE2-2+AE3-2	
Set.3	UT01aa +AE1+AE2-1+AE3-1+AE4	
Set.4	UT01aa +AE1+AE2-2+AE3-2+AE4	
Set.5	UT01aa +AE1+AE3-1+PC	Data Transfer Mode;
Set.6	UT01aa +AE1+AE3-2+PC	Data Transfer Mode

3.5. General Description

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

It supports GSM 900/850/1800/1900MHz, WCDMA Bands 1/2/4/5/8, and LTE Bands 2/3/4/5/7/28/66.

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

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

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

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

4. Reference Documents

4.1. Reference Documents for testing

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

Reference	Title	Version
FCC Part 15, Subpart B	Radio frequency devices	10-1-2019 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. = 30 °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)	B.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	4.90dB(k=2)
	1GHz-18GHz	4.60dB(k=2)
	18GHz-40GHz	4.10dB(k=2)
Conducted Emission	150kHz-30MHz	3.00dB(k=2)

8. Test Facilities Utilized

NO.	NAME	TYPE	SERIES NUMBER	PRODUCER	CALDUE DATE	CAL PERIOD
1.	Test Receiver	ESR7	101676	R&S	2020.11.27	1 year
2.	Test Receiver	ESCI	100701	R&S	2020.08.10	1 year
3.	Spectrum Analyzer	FSV40	101192	R&S	2021.01.14	1 year
4.	BiLog Antenna	3142E	00224831	ETS-Lindgren	2021.05.17	3 years
5.	LISN	ENV216	102067	R&S	2020.07.17	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	CMW500	152499	R&S	2020.07.17	1 year
10.	Signal Generator	SMB100A	179725	R&S	2020.11.27	1 year
11.	Chamber	FACT3-2.0	1285	ETS-Lindgren	2021.07.19	2 years
12.	Software	EMC32	V10.01.00	R&S	/	/
13.	PC	ThinkPad T480	PF-13LW0C	Lenovo	/	/
14.	Printer	P1008	VNF6C12491	HP	/	/
15.	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 Mode: The EUT is connected to a charger for charging and open FM function.

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

Data Transfer Mode: 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.

The EUT was tested while operating in licensed band Rx mode. All licensed band receivers that tune in the range of 30MHz-960MHz, as listed in Section 3.1, are investigated. Only the worst case emissions are reported.

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

A.1.3 Measurement Limit

Limit from CFR 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

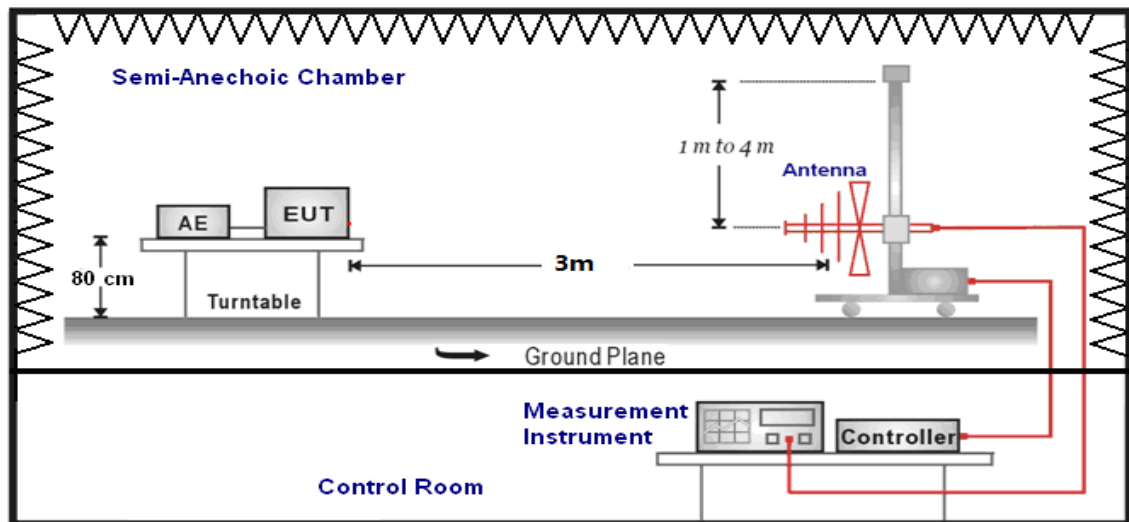
*Note: The original limit is defined at 10m test distance. This limit is calculated according to CISPR requirements.

A.1.4 Test Condition

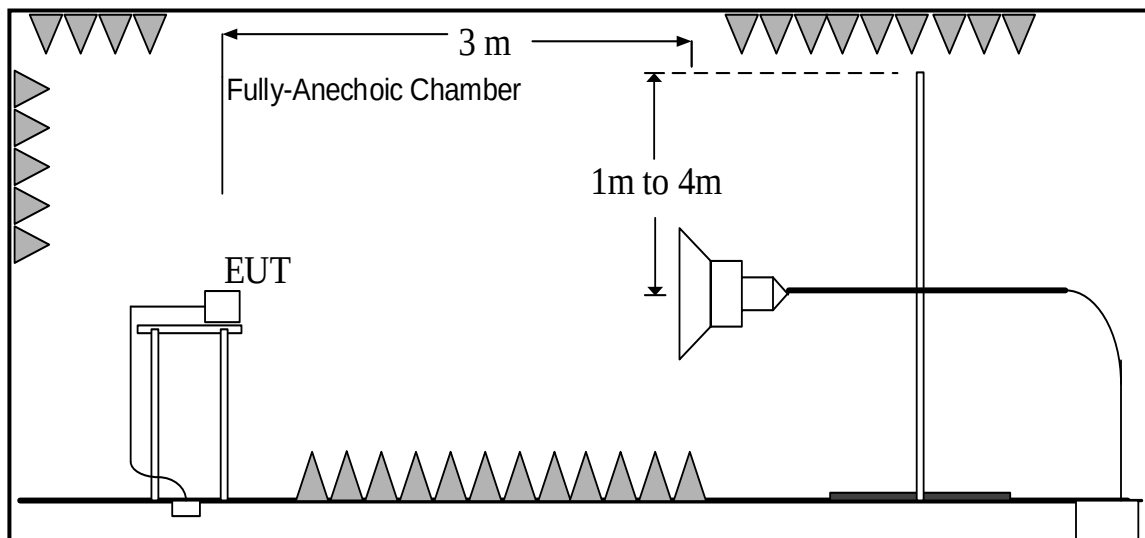
Frequency of emission (MHz)	RBW/VBW	Sweep Time(s)
30-1000	120kHz (IF bandwidth)	5
Above 1000	1MHz/3MHz	15

A.1.5 Test set-up:

30MHz-1GHz



1GHz-30GHz



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:

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

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

Charging and GSM850MHz idle

Frequency range (MHz)	Quasi-Peak Limit (dBμV/m)	Result (dBμV/m) Set.1	Conclusion
30-88	40	See Figure A.1	P
88-216	44		
216-960	46		
960-1000	54		

Frequency range (MHz)	Average Limit (dBμV/m)	Peak Limit (dBμV/m)	Result (dBμV/m) Set.1	Conclusion
1000 to 3000	54	74	See Figure A.2	P
3000 to 18000			See Figure A.3	
18000 to 26500			See Figure A.4	
26500 to 30000			See Figure A.5	

Charging and WCDMA Band 5 idle

Frequency range (MHz)	Quasi-Peak Limit (dBμV/m)	Result (dBμV/m) Set.1	Conclusion
30-88	40	See Figure A.6	P
88-216	44		
216-960	46		
960-1000	54		

Frequency range (MHz)	Average Limit (dBμV/m)	Peak Limit (dBμV/m)	Result (dBμV/m) Set.1	Conclusion
1000 to 3000	54	74	See Figure A.7	P
3000 to 18000			See Figure A.8	
18000 to 26500			See Figure A.9	
26500 to 30000			See Figure A.10	

Charging and LTE Band 5 idle

Frequency range (MHz)	Quasi-Peak Limit (dB μ V/m)	Result (dB μ V/m) Set.1	Conclusion
30-88	40	See Figure A.11	P
88-216	44		
216-960	46		
960-1000	54		

Frequency range (MHz)	Average Limit (dB μ V/m)	Peak Limit (dB μ V/m)	Result (dB μ V/m) Set.1	Conclusion
1000 to 3000	54	74	See Figure A.12	P
3000 to 18000			See Figure A.13	
18000 to 26500			See Figure A.14	
26500 to 30000			See Figure A.15	

Charging and GSM850MHz idle

Frequency range (MHz)	Quasi-Peak Limit (dB μ V/m)	Result (dB μ V/m) Set.2	Conclusion
30-88	40	See Figure A.16	P
88-216	44		
216-960	46		
960-1000	54		

Frequency range (MHz)	Average Limit (dB μ V/m)	Peak Limit (dB μ V/m)	Result (dB μ V/m) Set.2	Conclusion
1000 to 3000	54	74	See Figure A.17	P
3000 to 18000			See Figure A.18	
18000 to 26500			See Figure A.19	
26500 to 30000			See Figure A.20	

Charging and WCDMA Band 5 idle

Frequency range (MHz)	Quasi-Peak Limit (dB μ V/m)	Result (dB μ V/m) Set.2	Conclusion
30-88	40	See Figure A.21	P
88-216	44		
216-960	46		
960-1000	54		

Frequency range (MHz)	Average Limit (dB μ V/m)	Peak Limit (dB μ V/m)	Result (dB μ V/m) Set.2	Conclusion
1000 to 3000	54	74	See Figure A.22	P
3000 to 18000			See Figure A.23	
18000 to 26500			See Figure A.24	
26500 to 30000			See Figure A.25	

Charging and LTE Band 5 idle

Frequency range (MHz)	Quasi-Peak Limit (dB μ V/m)	Result (dB μ V/m) Set.2	Conclusion
30-88	40	See Figure A.26	P
88-216	44		
216-960	46		
960-1000	54		

Frequency range (MHz)	Average Limit (dB μ V/m)	Peak Limit (dB μ V/m)	Result (dB μ V/m) Set.2	Conclusion
1000 to 3000	54	74	See Figure A.27	P
3000 to 18000			See Figure A.28	
18000 to 26500			See Figure A.29	
26500 to 30000			See Figure A.30	

Camera Mode

Frequency range (MHz)	Quasi-Peak Limit (dB μ V/m)	Result (dB μ V/m)	Conclusion
		Set.1	
30-88	40	See Figure A.31	P
88-216	44		
216-960	46		
960-1000	54		

Frequency range (MHz)	Average Limit (dB μ V/m)	Peak Limit (dB μ V/m)	Result (dB μ V/m)	Conclusion
			Set.1	
1000 to 3000	54	74	See Figure A.32	P
3000 to 18000			See Figure A.33	
18000 to 26500			See Figure A.34	
26500 to 30000			See Figure A.35	

FM Mode

Frequency range (MHz)	Quasi-Peak Limit (dB μ V/m)	Result (dB μ V/m)	Conclusion
		Set.3	
30-88	40	See Figure A.36	P
88-216	44		
216-960	46		
960-1000	54		

Frequency range (MHz)	Average Limit (dB μ V/m)	Peak Limit (dB μ V/m)	Result (dB μ V/m)	Conclusion
			Set.3	
1000 to 3000	54	74	See Figure A.37	P
3000 to 18000			See Figure A.38	
18000 to 26500			See Figure A.39	
26500 to 30000			See Figure A.40	

Video Player Mode

Frequency range (MHz)	Quasi-Peak Limit (dB μ V/m)	Result (dB μ V/m)	Conclusion
		Set.1	
30-88	40	See Figure A.41	P
88-216	44		
216-960	46		
960-1000	54		

Frequency range (MHz)	Average Limit (dB μ V/m)	Peak Limit (dB μ V/m)	Result (dB μ V/m)	Conclusion
			Set.1	
1000 to 3000	54	74	See Figure A.42	P
3000 to 18000			See Figure A.43	
18000 to 26500			See Figure A.44	
26500 to 30000			See Figure A.45	

FM Mode

Frequency range (MHz)	Quasi-Peak Limit (dB μ V/m)	Result (dB μ V/m)	Conclusion
		Set.4	
30-88	40	See Figure A.46	P
88-216	44		
216-960	46		
960-1000	54		

Frequency range (MHz)	Average Limit (dB μ V/m)	Peak Limit (dB μ V/m)	Result (dB μ V/m)	Conclusion
			Set.4	
1000 to 3000	54	74	See Figure A.47	P
3000 to 18000			See Figure A.48	
18000 to 26500			See Figure A.49	
26500 to 30000			See Figure A.50	

Data Transfer Mode: EUT to PC

Frequency range (MHz)	Quasi-Peak Limit (dB μ V/m)	Result (dB μ V/m)	Conclusion
		Set.5	
30-88	40	See Figure A.51	P
88-216	44		
216-960	46		
960-1000	54		

Frequency range (MHz)	Average Limit (dB μ V/m)	Peak Limit (dB μ V/m)	Result (dB μ V/m)	Conclusion
			Set.5	
1000 to 3000	54	74	See Figure A.52	P
3000 to 18000			See Figure A.53	
18000 to 26500			See Figure A.54	
26500 to 30000			See Figure A.55	

Data Transfer Mode: PC to EUT

Frequency range (MHz)	Quasi-Peak Limit (dB μ V/m)	Result (dB μ V/m)	Conclusion
		Set.5	
30-88	40	See Figure A.56	P
88-216	44		
216-960	46		
960-1000	54		

Frequency range (MHz)	Average Limit (dB μ V/m)	Peak Limit (dB μ V/m)	Result (dB μ V/m)	Conclusion
			Set.5	
1000 to 3000	54	74	See Figure A.57	P
3000 to 18000			See Figure A.58	
18000 to 26500			See Figure A.59	
26500 to 30000			See Figure A.60	

Data Transfer Mode: PC to TF Card

Frequency range (MHz)	Quasi-Peak Limit (dB μ V/m)	Result (dB μ V/m)	Conclusion
		Set.5	
30-88	40	See Figure A.61	P
88-216	44		
216-960	46		
960-1000	54		

Frequency range (MHz)	Average Limit (dB μ V/m)	Peak Limit (dB μ V/m)	Result (dB μ V/m)	Conclusion
			Set.5	
1000 to 3000	54	74	See Figure A.62	P
3000 to 18000			See Figure A.63	
18000 to 26500			See Figure A.64	
26500 to 30000			See Figure A.65	

Data Transfer Mode: TF Card to PC

Frequency range (MHz)	Quasi-Peak Limit (dB μ V/m)	Result (dB μ V/m)	Conclusion
		Set.5	
30-88	40	See Figure A.66	P
88-216	44		
216-960	46		
960-1000	54		

Frequency range (MHz)	Average Limit (dB μ V/m)	Peak Limit (dB μ V/m)	Result (dB μ V/m)	Conclusion
			Set.5	
1000 to 3000	54	74	See Figure A.67	P
3000 to 18000			See Figure A.68	
18000 to 26500			See Figure A.69	
26500 to 30000			See Figure A.70	

Data Transfer Mode: PC to TF Card

Frequency range (MHz)	Quasi-Peak Limit (dB μ V/m)	Result (dB μ V/m)	Conclusion
		Set.6	
30-88	40	See Figure A.71	P
88-216	44		
216-960	46		
960-1000	54		

Frequency range (MHz)	Average Limit (dB μ V/m)	Peak Limit (dB μ V/m)	Result (dB μ V/m)	Conclusion
			Set.6	
1000 to 3000	54	74	See Figure A.72	P
3000 to 18000			See Figure A.73	
18000 to 26500			See Figure A.74	
26500 to 30000			See Figure A.75	

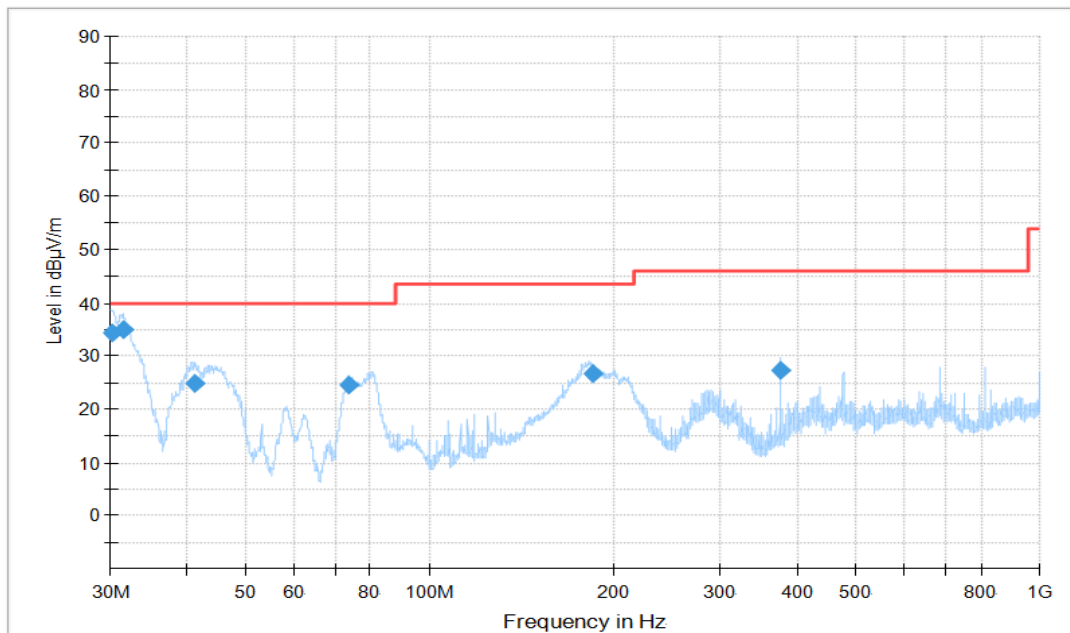


Figure A.1 Radiated Emission (Set.1, Charging and GSM850MHz idle, 30MHz to 1GHz)
Final_Result

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	ARpl (dB/m)	P _{Mea} (dBμV)
30.16	34.31	40	5.69	V	-24.4	58.71
31.621111	34.86	40	5.14	V	-25.6	60.46
41.282778	24.83	40	15.17	V	-30	54.83
73.725556	24.54	40	15.46	V	-33.8	58.34
185.626667	26.67	43.5	16.83	H	-33.9	60.57
375.016667	27.44	46	18.56	V	-26.7	54.14

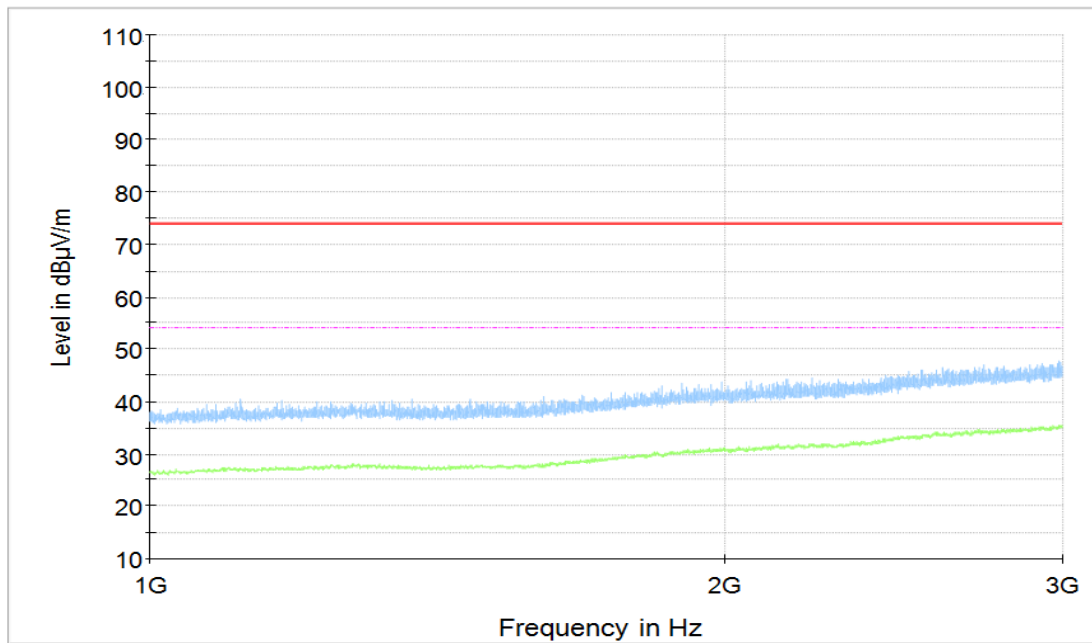


Figure A.2 Radiated Emission (Set.1, Charging and GSM850MHz idle, 1GHz to 3GHz)

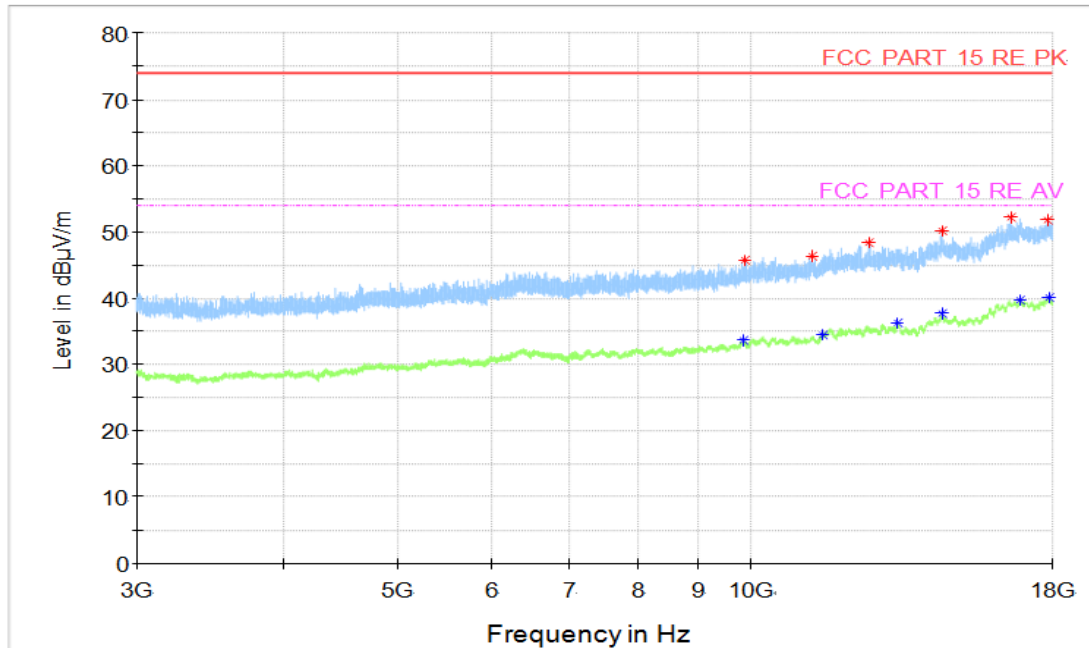


Figure A.3 Radiated Emission (Set.1, Charging and GSM850MHz idle , 3GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBμV)
9871	45.66	74	28.34	H	4.5	41.16
11241	46.44	74	27.56	V	5.4	41.04
12561	48.42	74	25.58	V	7.9	40.52
14504	50.23	74	23.77	H	11.5	38.73
16601	52.18	74	21.82	V	14.8	37.38
17825.5	51.81	74	22.19	H	16.2	35.61

Final_Results_AVG

Frequency(MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBμV)
9839	33.59	54	20.41	H	4.5	29.09
11500	34.41	54	19.59	V	6.1	28.31
13313	36.23	54	17.77	H	8.9	27.33
14504	37.63	54	16.37	V	11.5	26.13
16899	39.77	54	14.23	H	15.1	24.67
17887.5	40.02	54	13.98	V	16.2	23.82

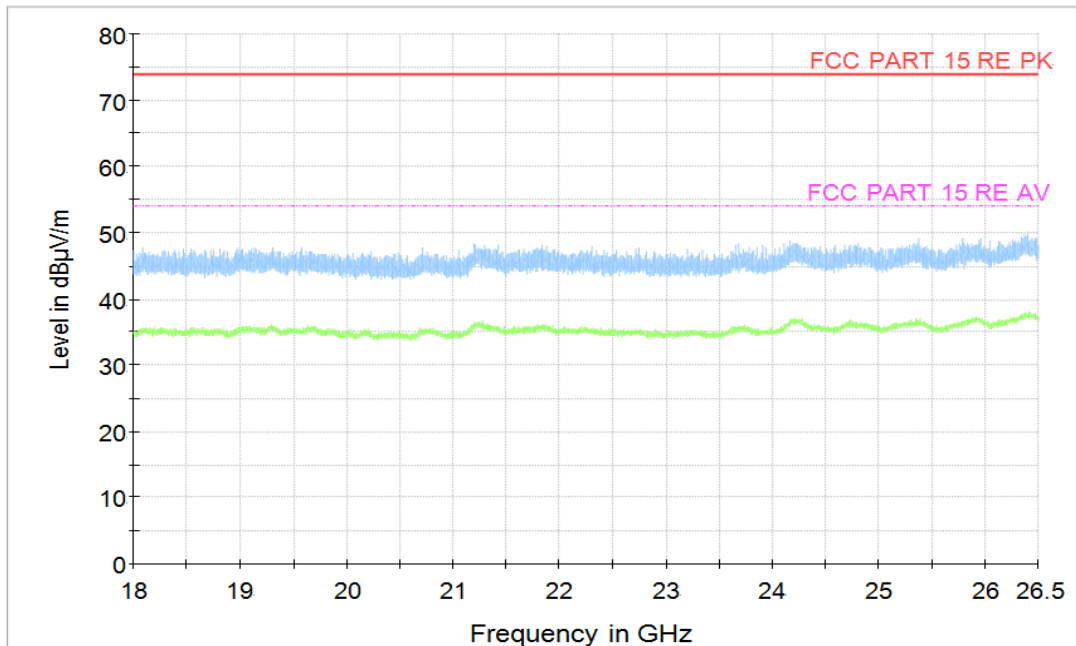


Figure A.4 Radiated Emission (Set.1, Charging and GSM850MHz idle , 18GHz to 26.5GHz)

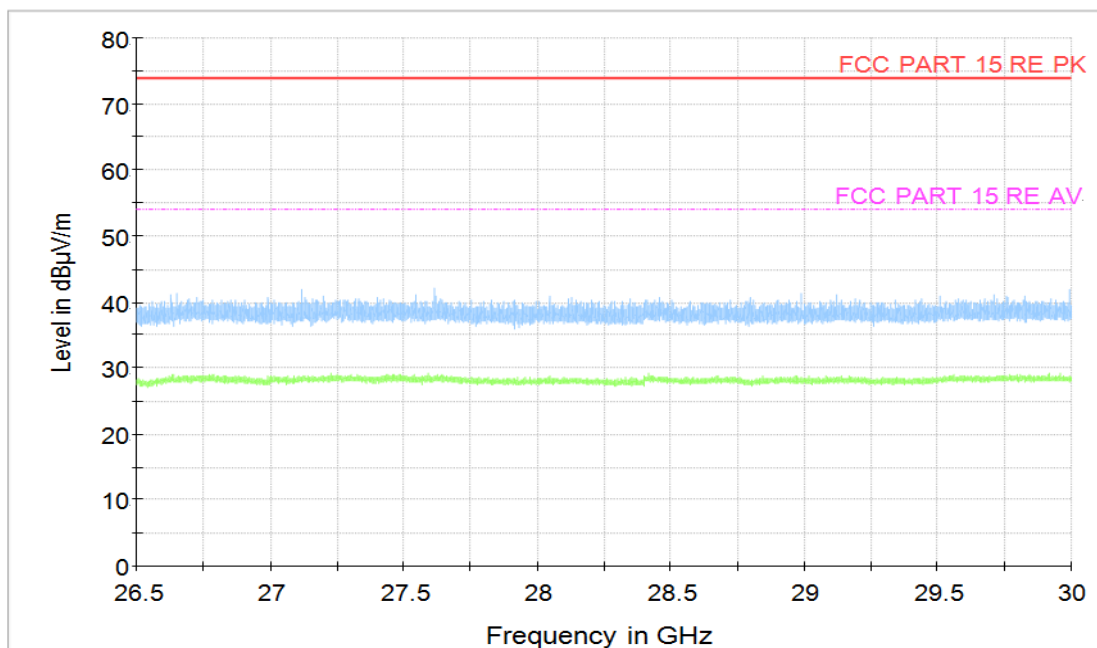


Figure A.5 Radiated Emission (Set.1, Charging and GSM850MHz idle , 26.5GHz to 30GHz)

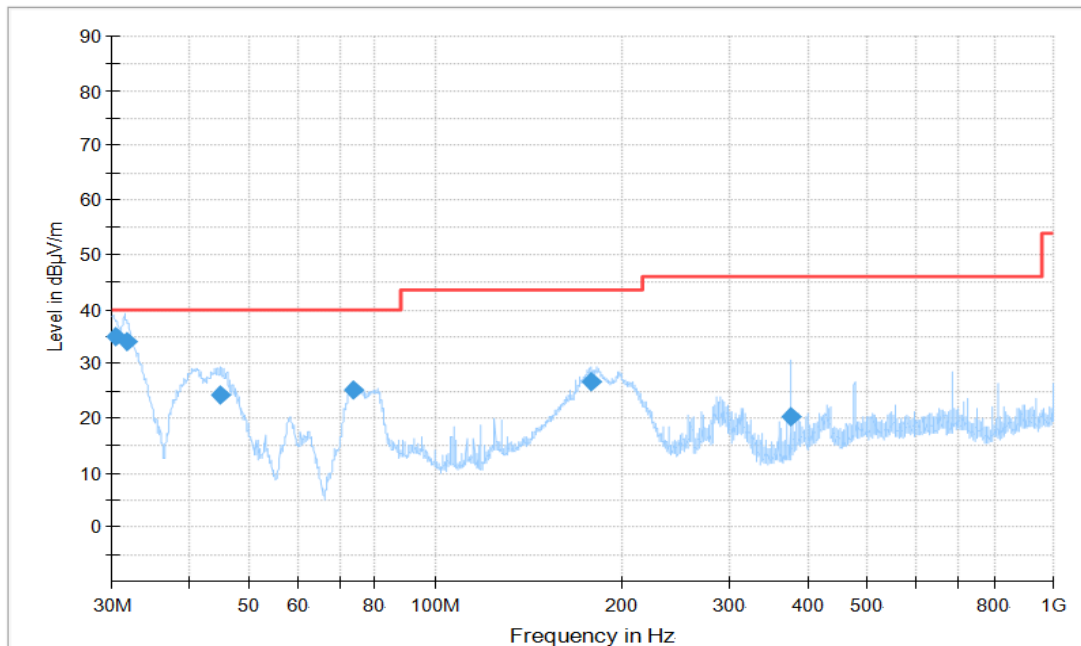


Figure A.6 Radiated Emission (Set.1, Charging and WCDMA Band 5 idle, 30MHz to 1GHz)

Final_Result

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	ARpl (dB/m)	P _{Mea} (dBμV)
30.36	34.86	40	5.14	V	-24.6	59.46
31.702778	34.08	40	5.92	V	-25.7	59.78
44.801111	24.17	40	15.83	V	-32.4	56.57
73.727222	25.11	40	14.89	V	-33.8	58.91
178.400556	26.77	43.5	16.73	H	-32.8	59.57
375.016667	20.37	46	25.63	H	-26.7	47.07

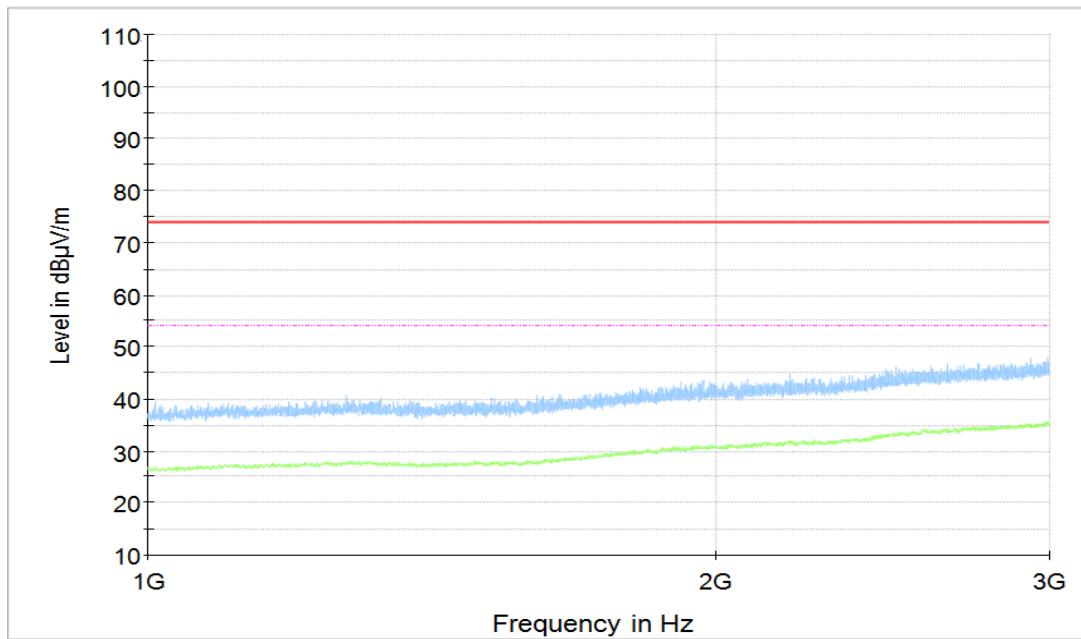


Figure A.7 Radiated Emission (Set.1, Charging and WCDMA Band 5 idle, 1GHz to 3GHz)

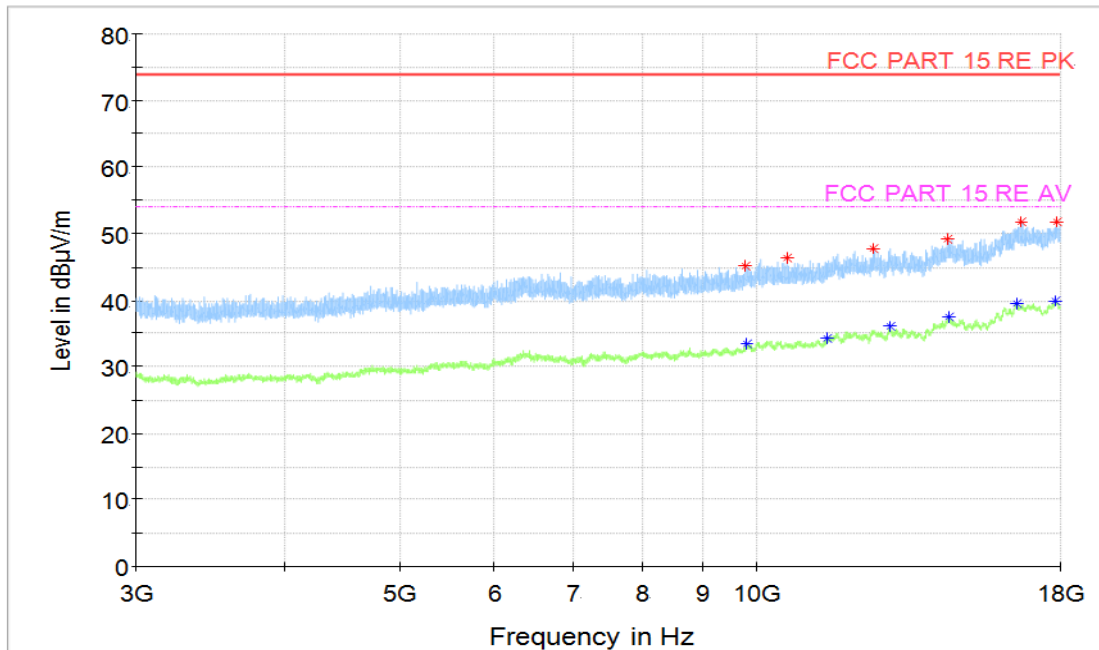


Figure A.8 Radiated Emission (Set.1, Charging and WCDMA Band 5 idle , 3GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBμV)
9784.5	45.15	74	28.85	H	4.2	40.95
10591.5	46.4	74	27.6	H	4.9	41.5
12552	47.85	74	26.15	V	7.9	39.95
14482.5	49.21	74	24.79	V	11.4	37.81
16696	51.8	74	22.2	V	14.8	37
17906	51.86	74	22.14	V	16.3	35.56

Final_Results_AVG

Frequency(MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBμV)
9810	33.41	54	20.59	H	4.5	28.91
11474.5	34.24	54	19.76	H	6.1	28.14
12947	36.06	54	17.94	V	8.6	27.46
14504.5	37.5	54	16.5	H	11.5	26
16563.5	39.59	54	14.41	H	14.8	24.79
17828.5	39.87	54	14.13	H	16.2	23.67

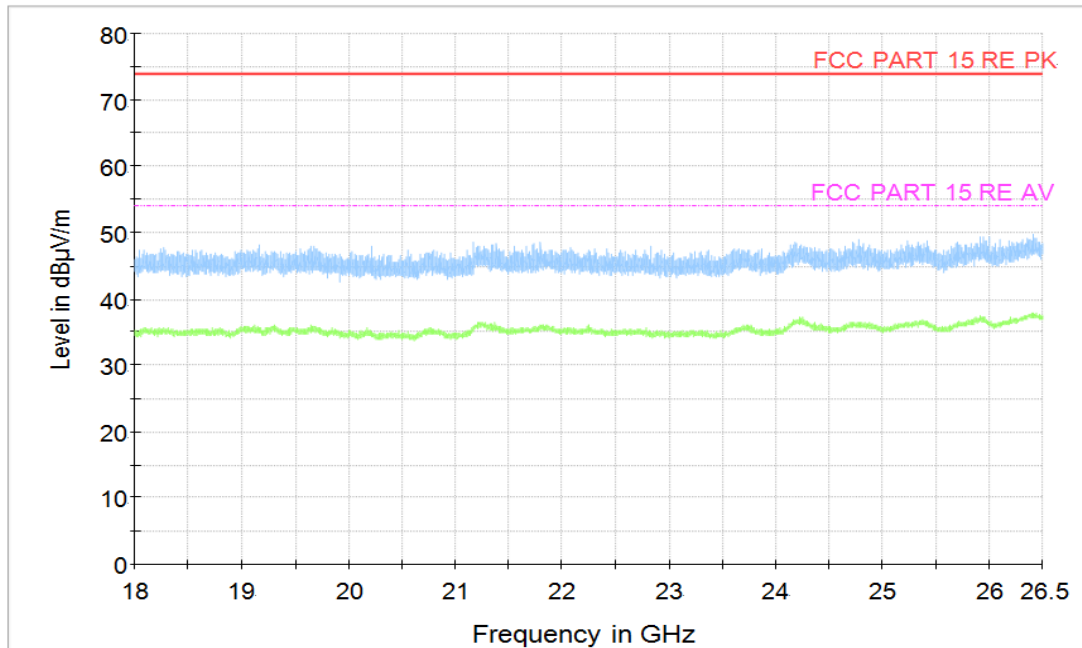


Figure A.9 Radiated Emission (Set.1, Charging and WCDMA Band 5 idle, 18GHz to 26.5GHz)

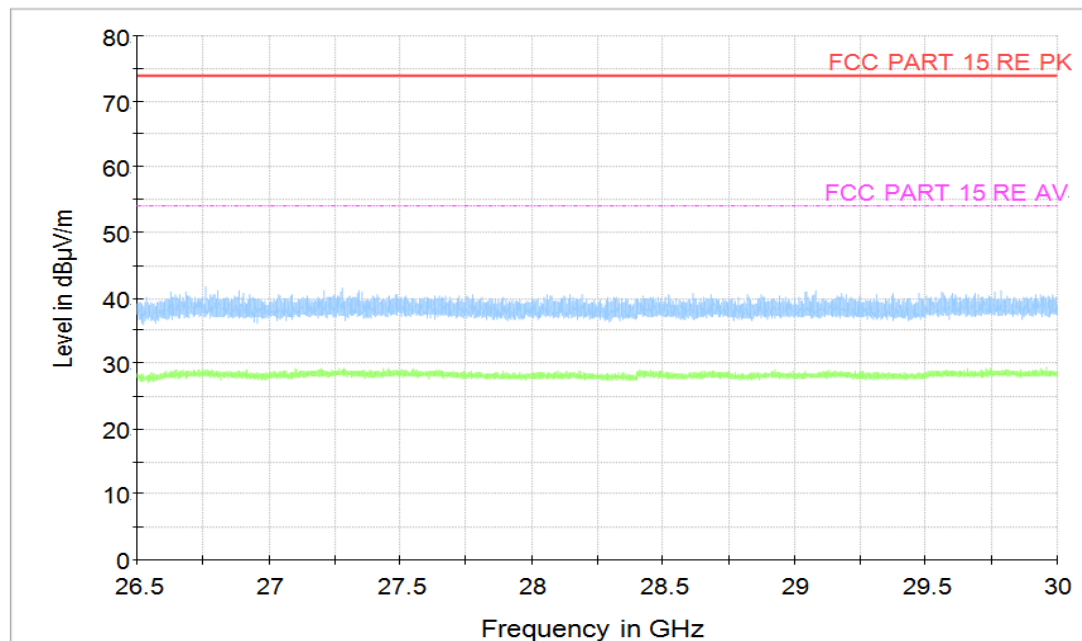


Figure A.10 Radiated Emission (Set.1, Charging and WCDMA Band 5 idle, 26.5GHz to 30GHz)

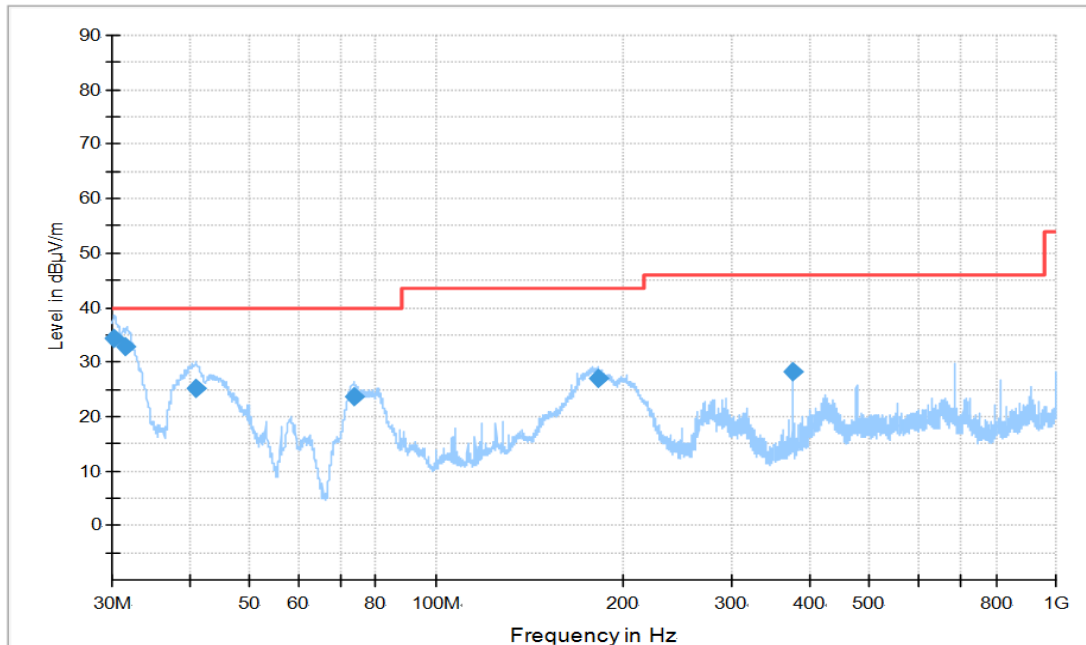


Figure A.11 Radiated Emission (Set.1, Charging and LTE Band 5 idle, 30MHz to 1GHz)

Final_Result

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	ARpl (dB/m)	P _{Mea} (dBμV)
30.28	34.44	40	5.56	V	-24.5	58.94
31.612222	32.96	40	7.04	V	-25.6	58.56
40.997778	25.22	40	14.78	V	-29.8	55.02
73.71	23.76	40	16.25	V	-33.9	57.66
182.824444	27.12	43.5	16.38	H	-33.7	60.82
375.016667	28.24	46	17.76	V	-26.7	54.94

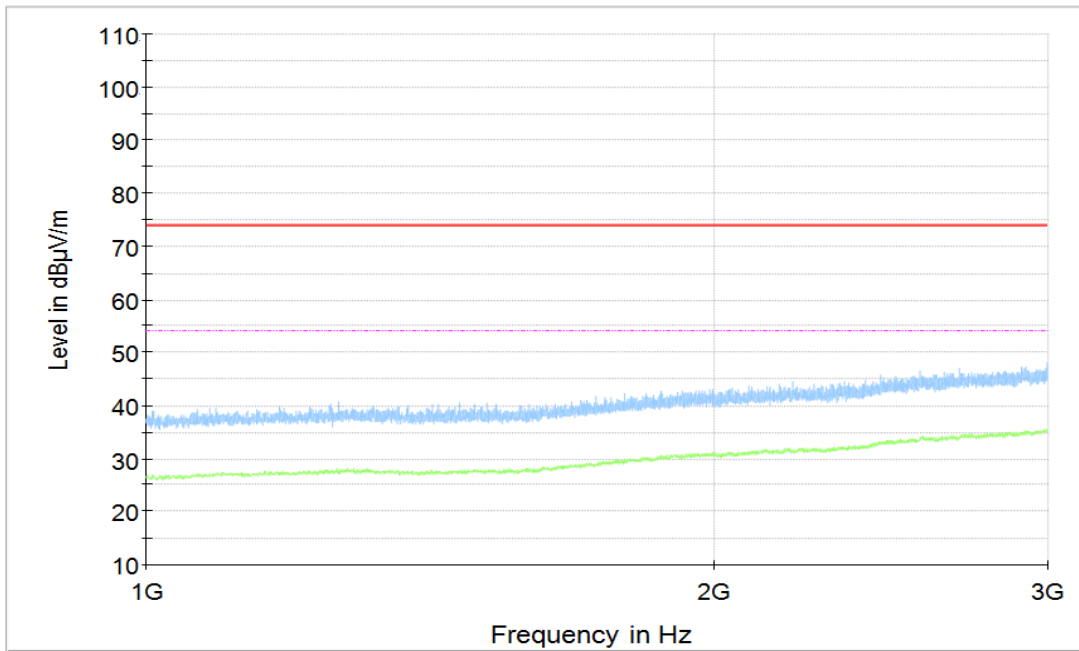


Figure A.12 Radiated Emission (Set.1, Charging and LTE Band 5 idle, 1GHz to 3GHz)

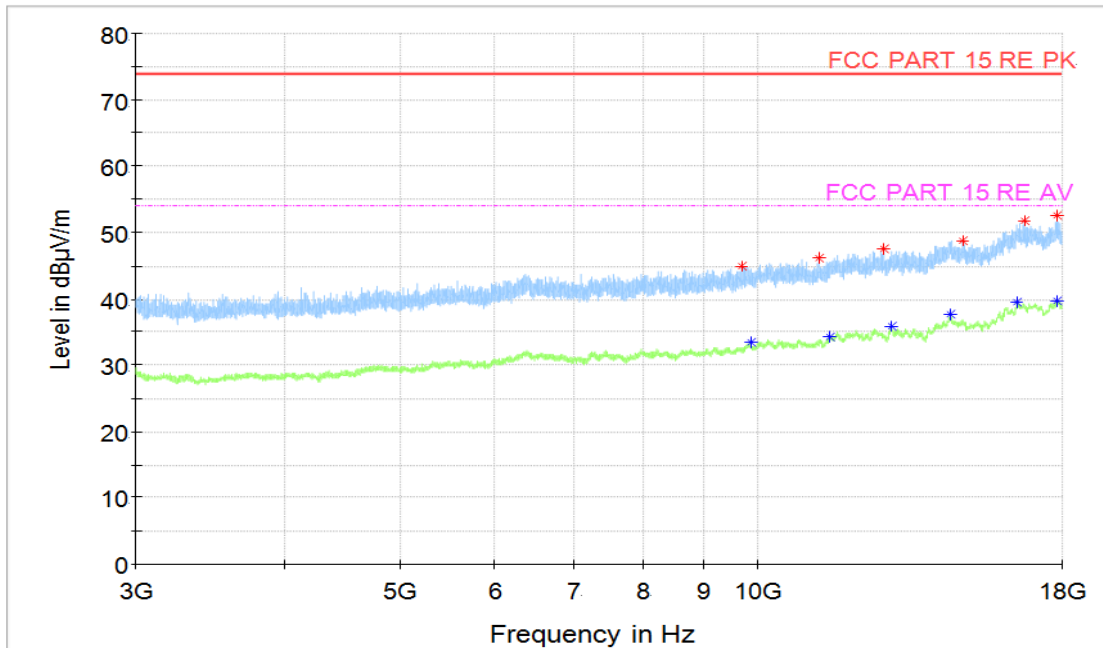


Figure A.13 Radiated Emission (Set.1, Charging and LTE Band 5 idle , 3GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBμV)
9682	45.01	74	28.99	H	3.9	41.11
11264	46.19	74	27.81	V	5.5	40.69
12749.5	47.48	74	26.52	H	7.8	39.68
14879	48.85	74	25.15	H	11	37.85
16734.5	51.71	74	22.29	H	14.9	36.81
17847	52.51	74	21.49	V	16.2	36.31

Final_Results_AVG

Frequency(MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBμV)
9854.5	33.36	54	20.64	V	4.5	28.86
11490.5	34.22	54	19.78	H	6	28.22
12963.5	35.84	54	18.16	H	8.5	27.34
14510	37.61	54	16.39	H	11.5	26.11
16529	39.42	54	14.58	H	14.8	24.62
17821	39.63	54	14.37	V	16.2	23.43

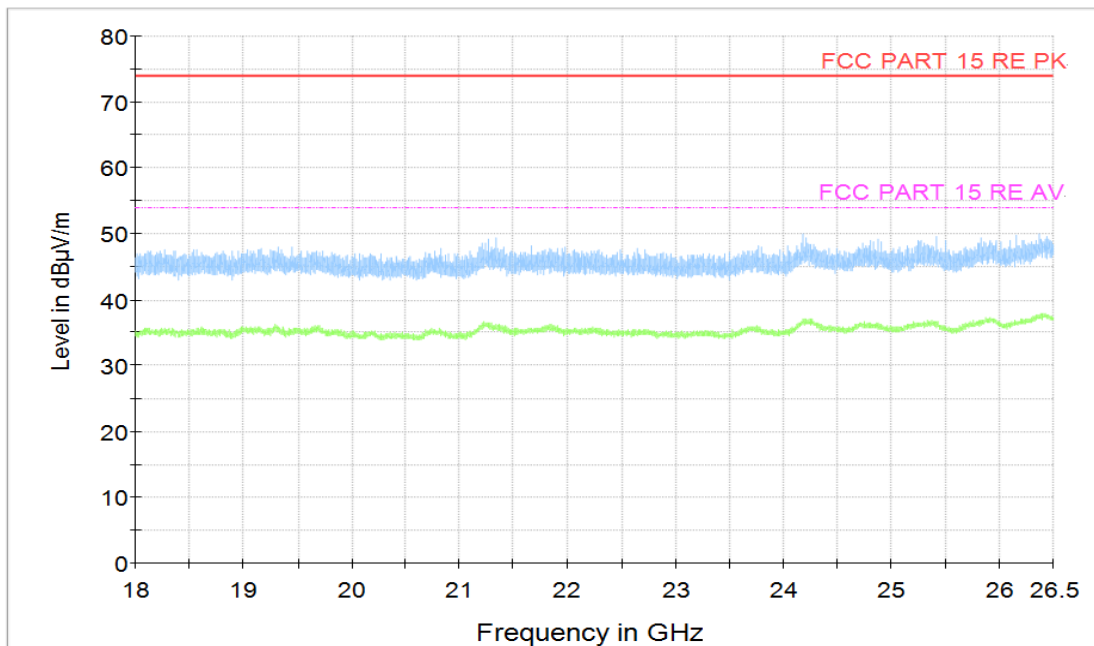


Figure A.14 Radiated Emission (Set.1, Charging and LTE Band 5 idle, 18GHz to 26.5GHz)

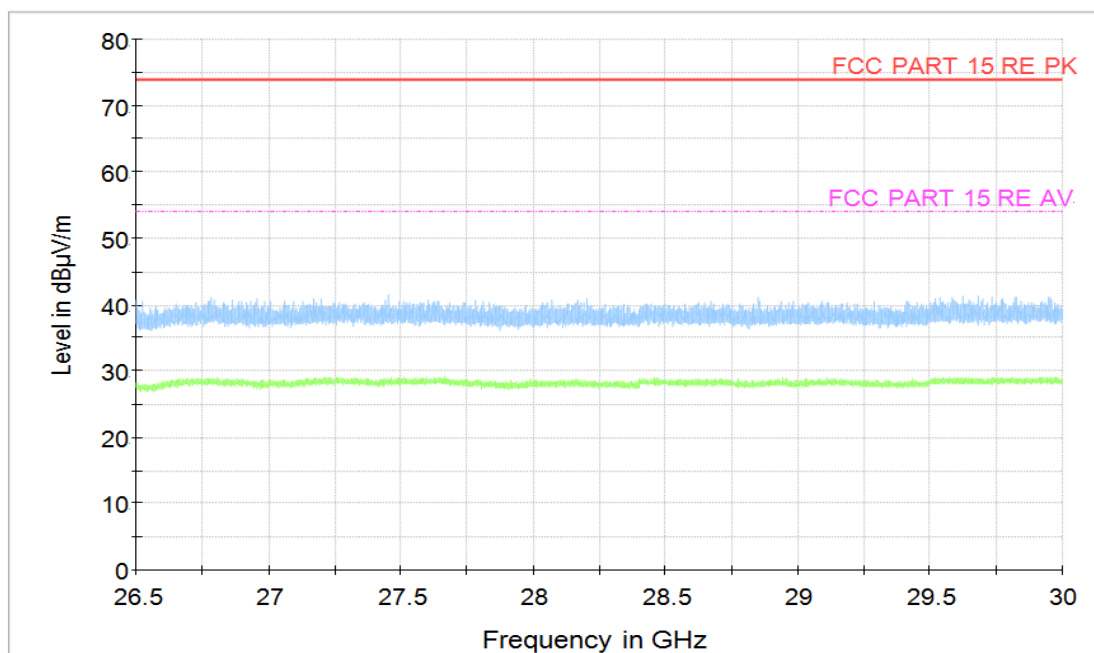


Figure A.15 Radiated Emission (Set.1, Charging and LTE Band 5 idle, 26.5GHz to 30GHz)

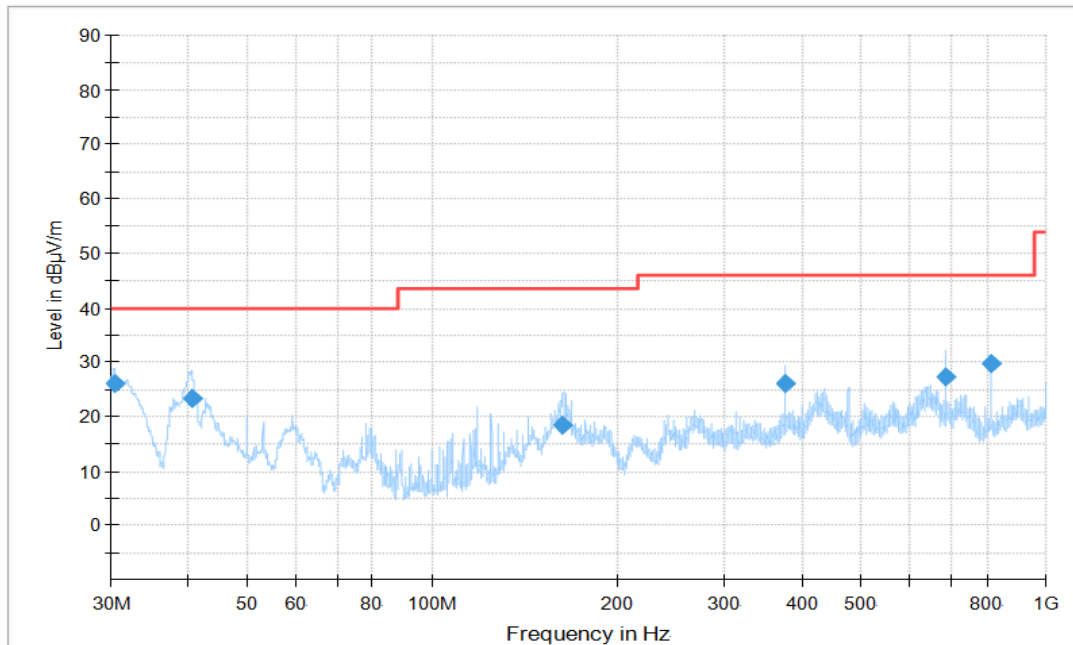


Figure A.16 Radiated Emission (Set.2, Charging and GSM850MHz idle, 30MHz to 1GHz)

Final_Result

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	ARpl (dB/m)	P _{Mea} (dBμV)
30.503333	26.12	40	13.88	V	-24.7	50.82
40.542222	23.45	40	16.56	V	-29.6	53.05
163.478333	18.54	43.5	24.96	V	-33	51.54
375.016667	26.13	46	19.87	V	-26.7	52.83
687.518333	27.25	46	18.75	V	-19.8	47.05
812.540556	29.78	46	16.22	V	-18.5	48.28

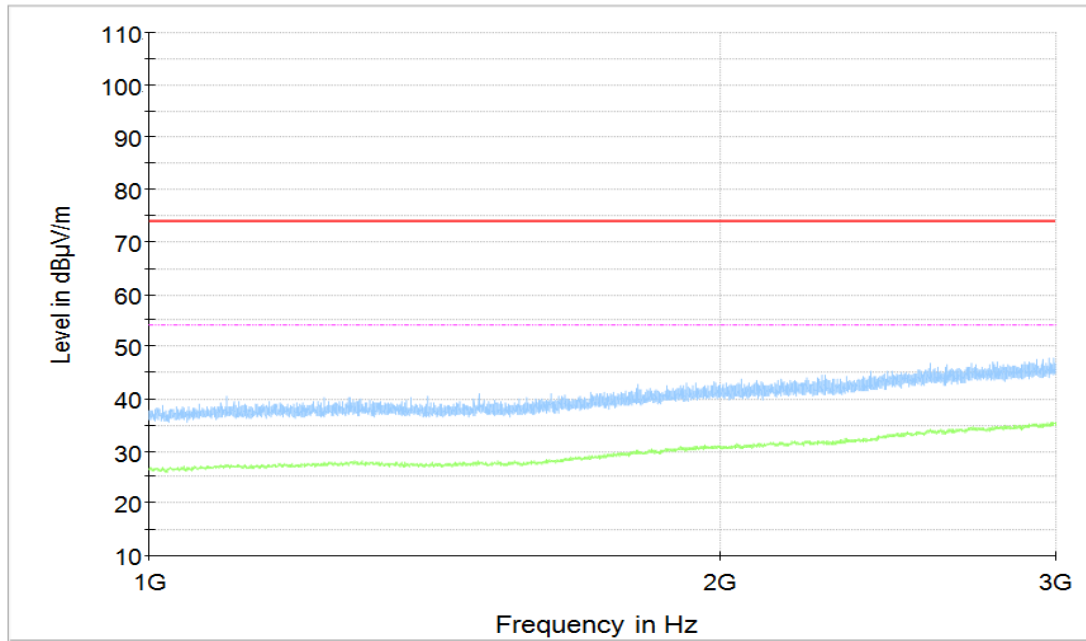


Figure A.17 Radiated Emission (Set.2, Charging and GSM850MHz idle, 1GHz to 3GHz)

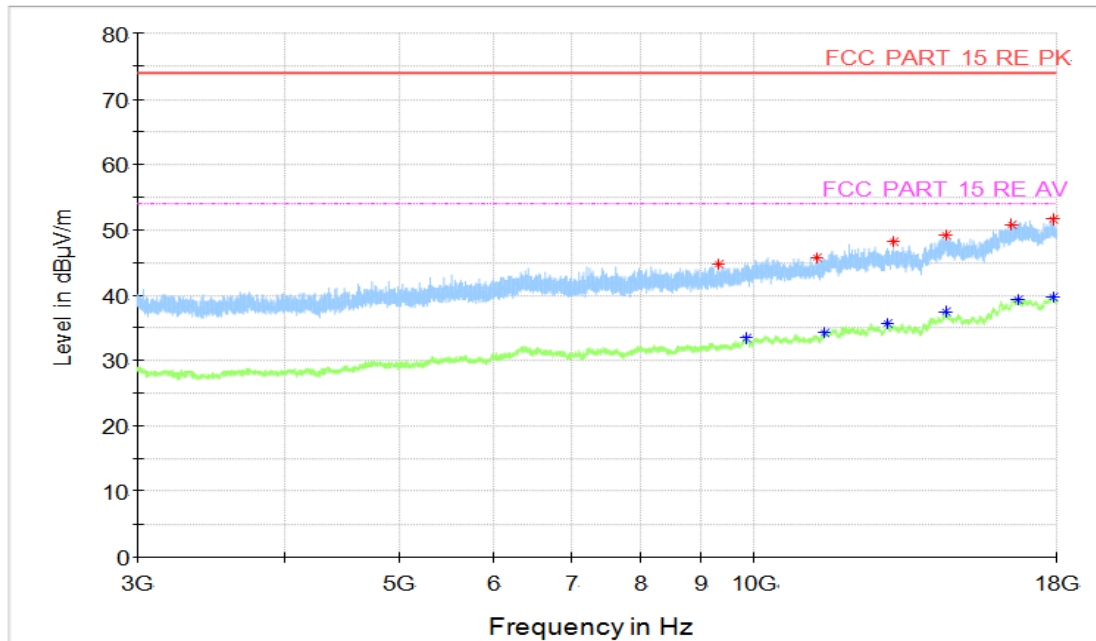


Figure A.18 Radiated Emission (Set.2, Charging and GSM850MHz idle , 3GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBμV)
9314	44.74	74	29.26	H	3.5	41.24
11281.5	45.82	74	28.18	H	5.4	40.42
13127.5	48.06	74	25.94	V	8.5	39.56
14505.5	49.22	74	24.78	H	11.5	37.72
16527.5	50.72	74	23.28	H	14.8	35.92
17885.5	51.5	74	22.5	H	16.2	35.3

Final_Results_AVG

Frequency(MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBμV)
9844	33.46	54	20.54	V	4.5	28.96
11474	34.24	54	19.76	V	5.9	28.34
12940.5	35.65	54	18.35	V	8.6	27.05
14505.5	37.58	54	16.42	H	11.5	26.08
16701	39.29	54	14.71	H	14.9	24.39
17907.5	39.77	54	14.23	V	16.3	23.47

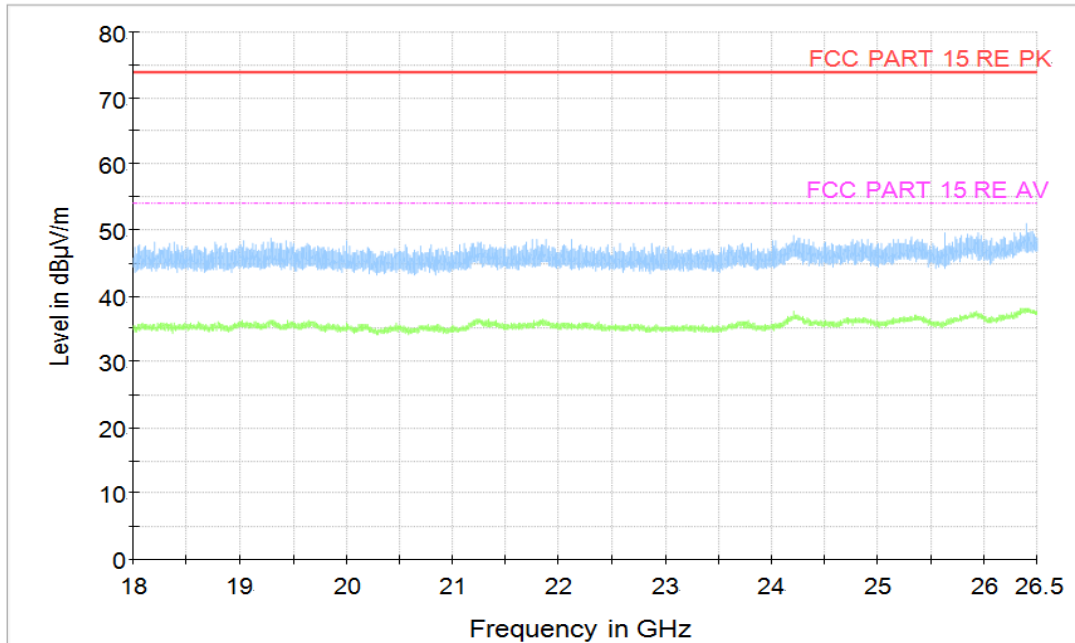


Figure A.19 Radiated Emission (Set.2, Charging and GSM850MHz idle , 18GHz to 26.5GHz)

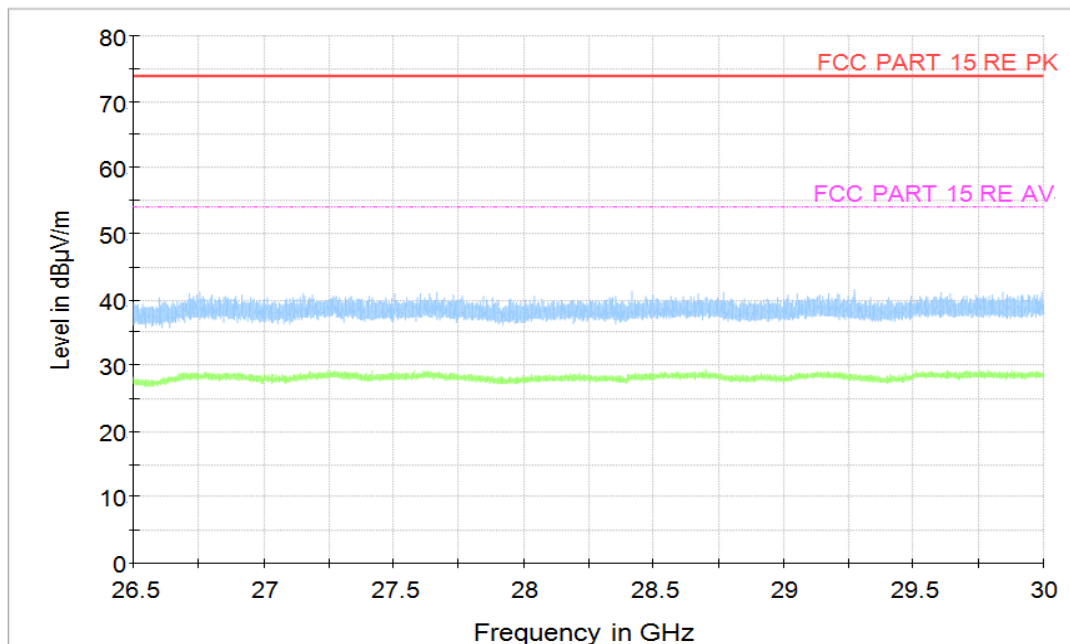


Figure A.20 Radiated Emission (Set.2, Charging and GSM850MHz idle , 26.5GHz to 30GHz)

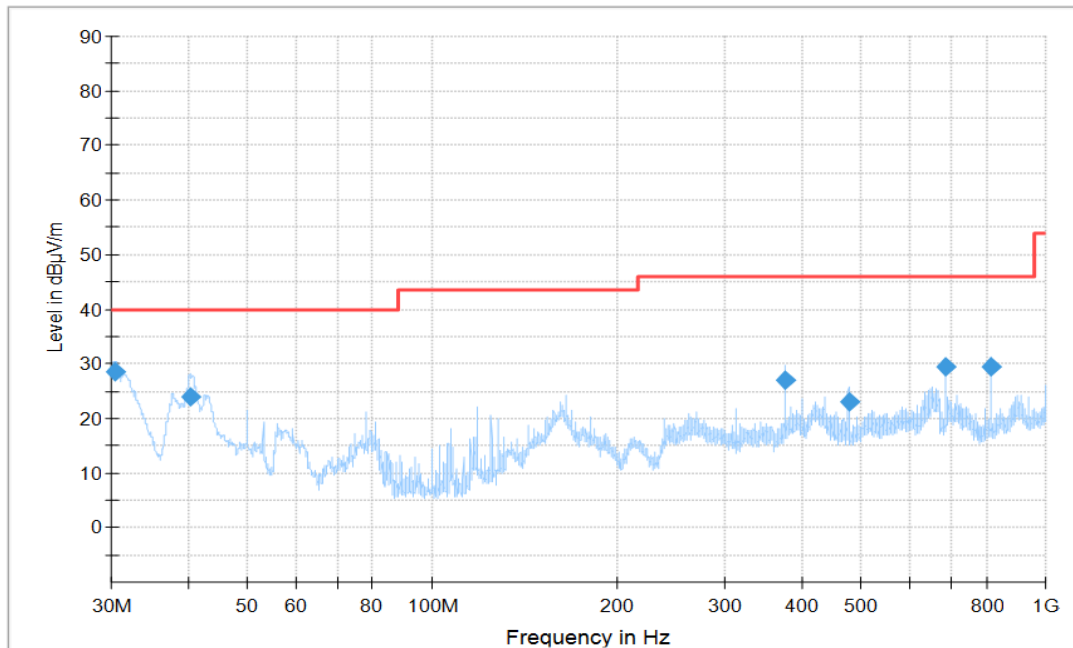


Figure A.21 Radiated Emission (Set.2, Charging and WCDMA Band 5 idle, 30MHz to 1GHz)

Final_Result

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	ARpl (dB/m)	P _{Mea} (dBμV)
30.4	28.59	40	11.41	V	-24.6	53.19
40.538889	23.81	40	16.19	V	-29.6	53.41
375.016667	27.07	46	18.93	V	-26.7	53.77
476.988333	23.14	46	22.86	H	-23.9	47.04
687.518333	29.55	46	16.45	V	-19.8	49.35
812.540556	29.35	46	16.65	V	-18.5	47.85

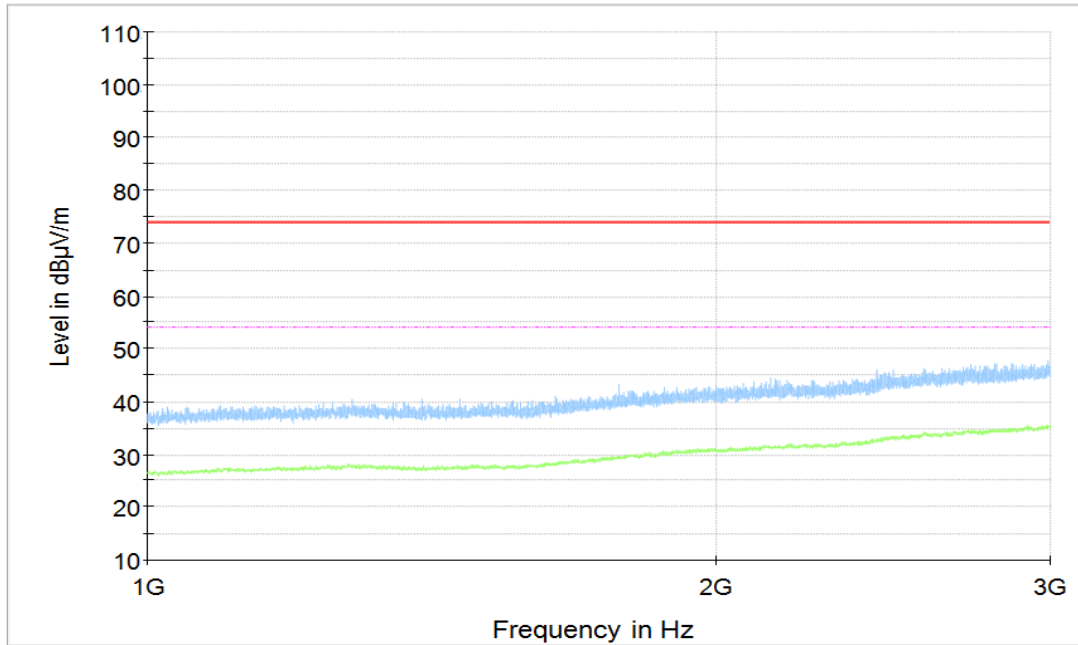


Figure A.22 Radiated Emission (Set.2, Charging and WCDMA Band 5 idle, 1GHz to 3GHz)

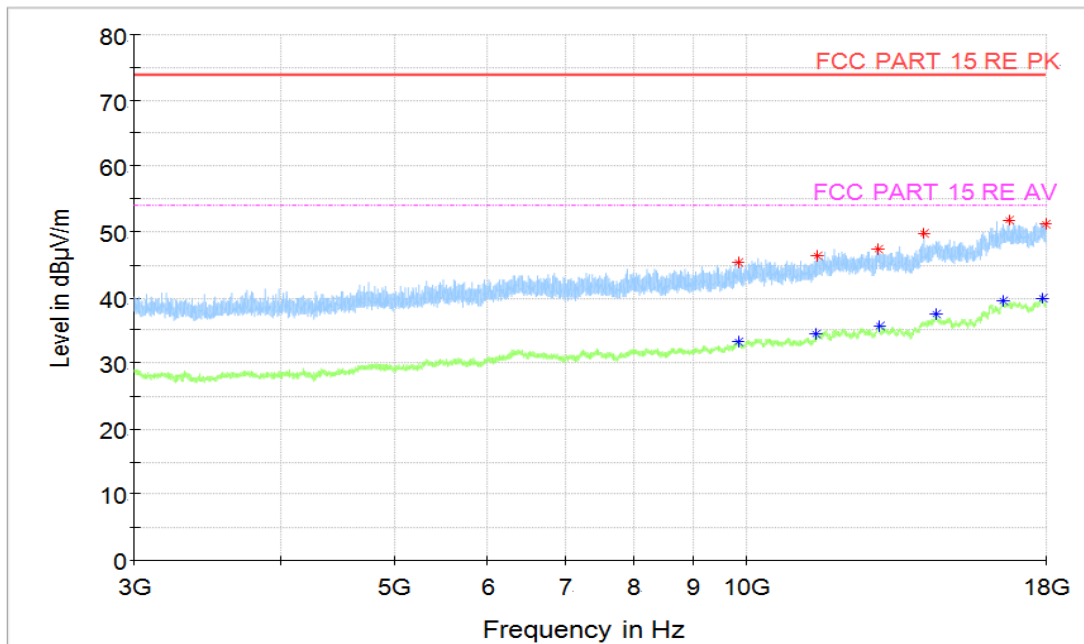


Figure A.23 Radiated Emission (Set.2, Charging and WCDMA Band 5 idle , 3GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBμV)
9827	45.3	74	28.7	V	4.4	40.9
11476	46.38	74	27.62	V	5.9	40.48
12965	47.4	74	26.6	V	8.5	38.9
14174.5	49.68	74	24.32	H	10.7	38.98
16758	51.77	74	22.23	H	14.8	36.97
17976	51.11	74	22.89	H	15.9	35.21

Final_Results_AVG

Frequency(MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBμV)
9829.5	33.31	54	20.69	H	4.5	28.81
11471.5	34.37	54	19.63	H	5.9	28.47
12975	35.7	54	18.3	V	8.4	27.3
14504	37.39	54	16.61	H	11.5	25.89
16569.5	39.4	54	14.6	V	14.8	24.6
17884	39.94	54	14.06	H	16.2	23.74

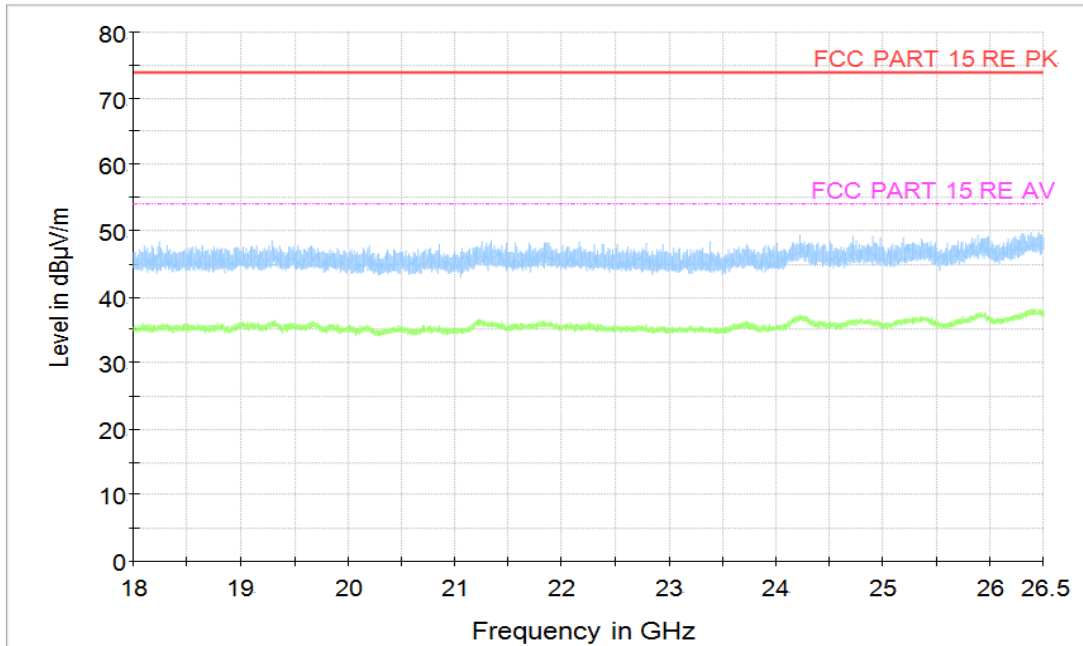


Figure A.24 Radiated Emission (Set.2, Charging and WCDMA Band 5 idle, 18GHz to 26.5GHz)

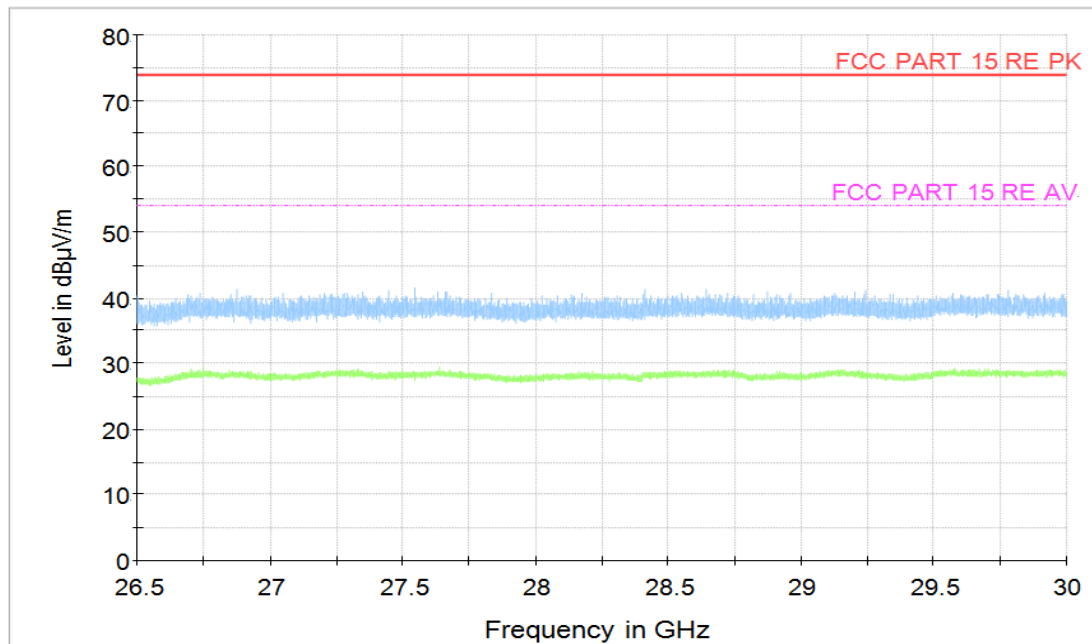


Figure A.25 Radiated Emission (Set.2, Charging and WCDMA Band 5 idle, 26.5GHz to 30GHz)

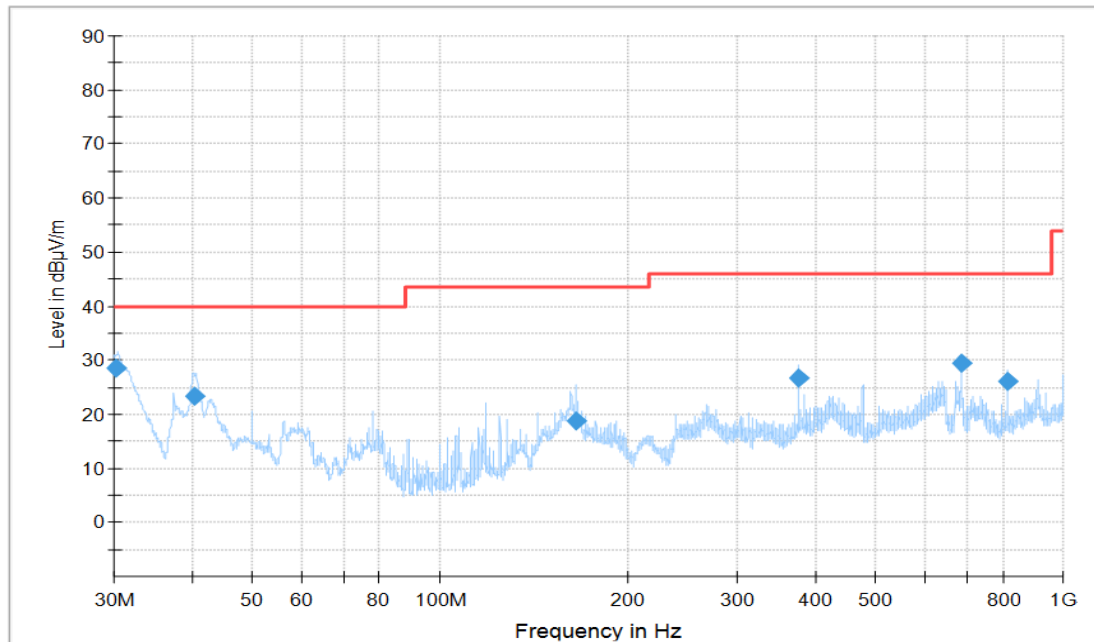


Figure A.26 Radiated Emission (Set.2, Charging and LTE Band 5 idle, 30MHz to 1GHz)

Final_Result

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	ARpl (dB/m)	P _{Mea} (dBμV)
30.237222	28.57	40	11.43	V	-24.4	52.97
40.458889	23.38	40	16.62	V	-29.6	52.98
165.618333	18.9	43.5	24.6	V	-32.5	51.4
374.990556	26.79	46	19.21	V	-26.7	53.49
687.518333	29.45	46	16.55	V	-19.8	49.25
812.540556	26.18	46	19.82	V	-18.5	44.68

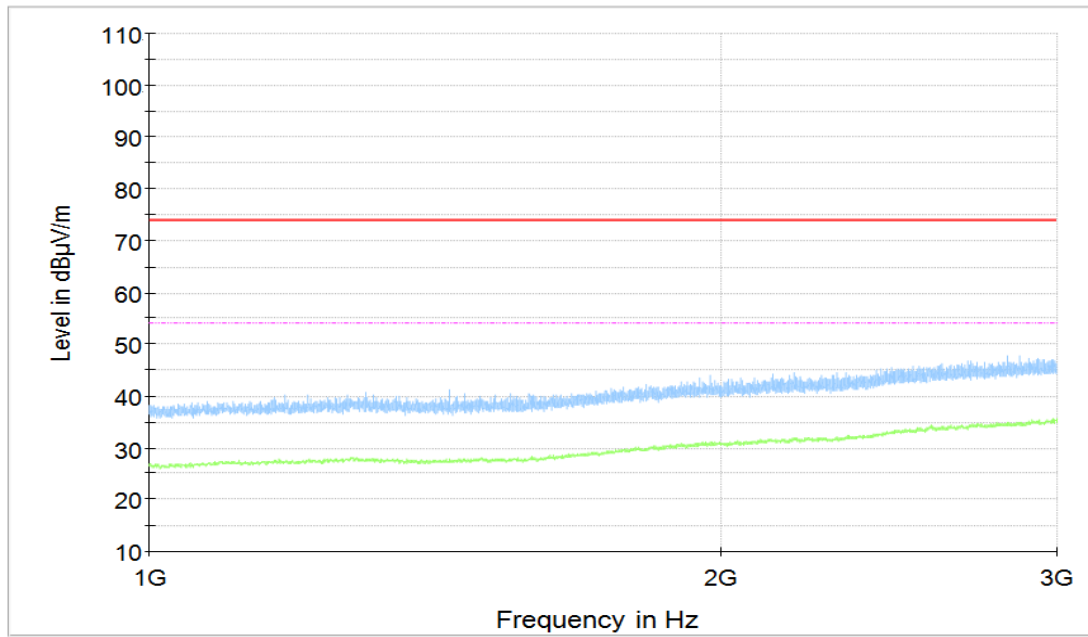


Figure A.27 Radiated Emission (Set.2, Charging and LTE Band 5 idle, 1GHz to 3GHz)

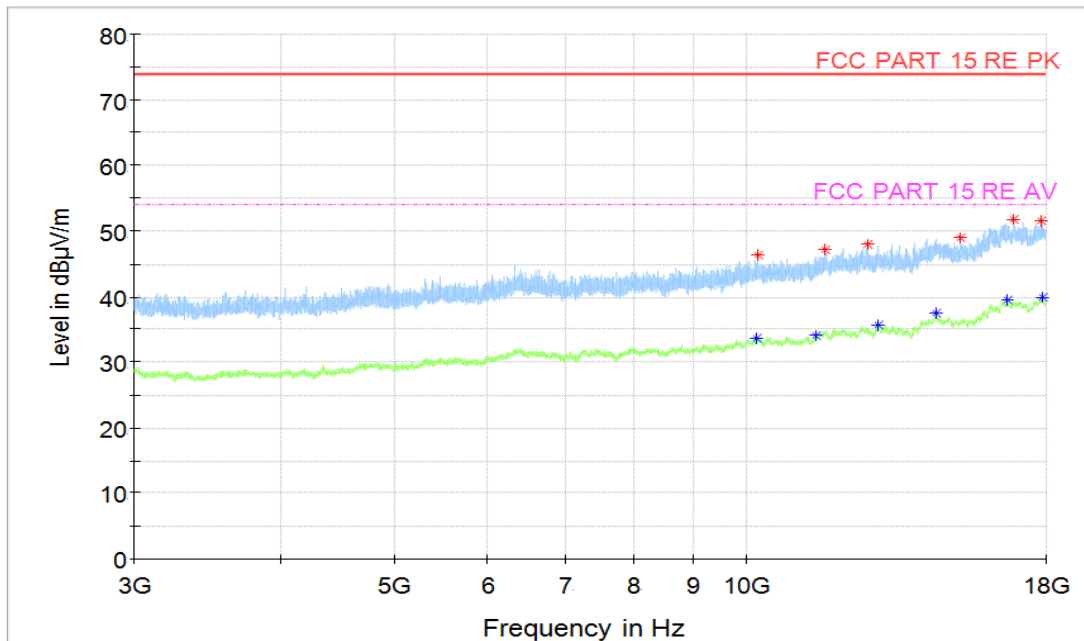


Figure A.28 Radiated Emission (Set.2, Charging and LTE Band 5 idle , 3GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBμV)
10220	46.42	74	27.58	H	5.1	41.32
11669.5	47.16	74	26.84	H	7	40.16
12690	48.01	74	25.99	H	7.7	40.31
15214.5	48.91	74	25.09	V	11	37.91
16886	51.89	74	22.11	V	15	36.89
17861.5	51.57	74	22.43	H	16.1	35.47

Final_Results_AVG

Frequency(MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBμV)
10210	33.62	54	20.38	H	5.1	28.52
11473	34.04	54	19.96	V	5.9	28.14
12965	35.77	54	18.23	H	8.5	27.27
14503	37.45	54	16.55	V	11.5	25.95
16715.5	39.49	54	14.51	V	14.9	24.59
17876.5	39.96	54	14.04	V	16.3	23.66

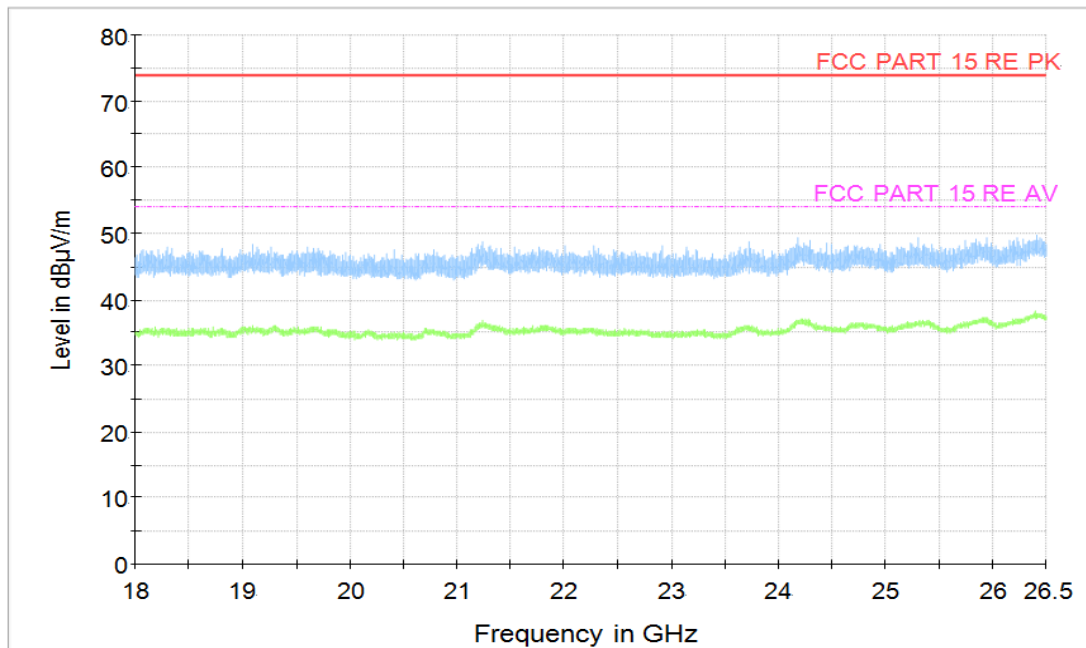


Figure A.29 Radiated Emission (Set.2, Charging and LTE Band 5 idle, 18GHz to 26.5GHz)

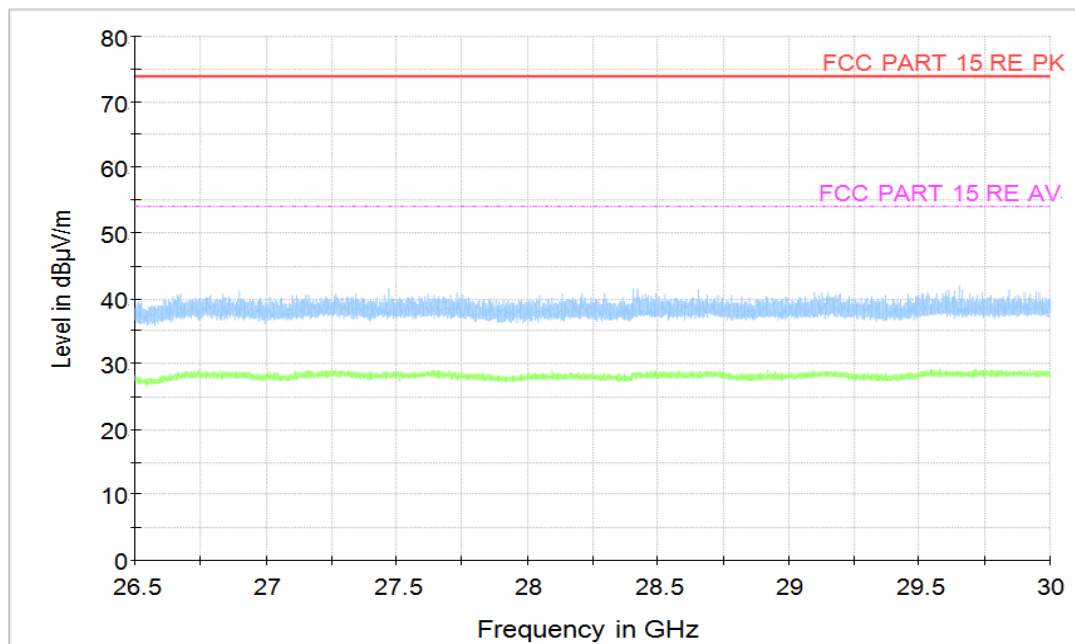


Figure A.30 Radiated Emission (Set.2, Charging and LTE Band 5 idle, 26.5GHz to 30GHz)

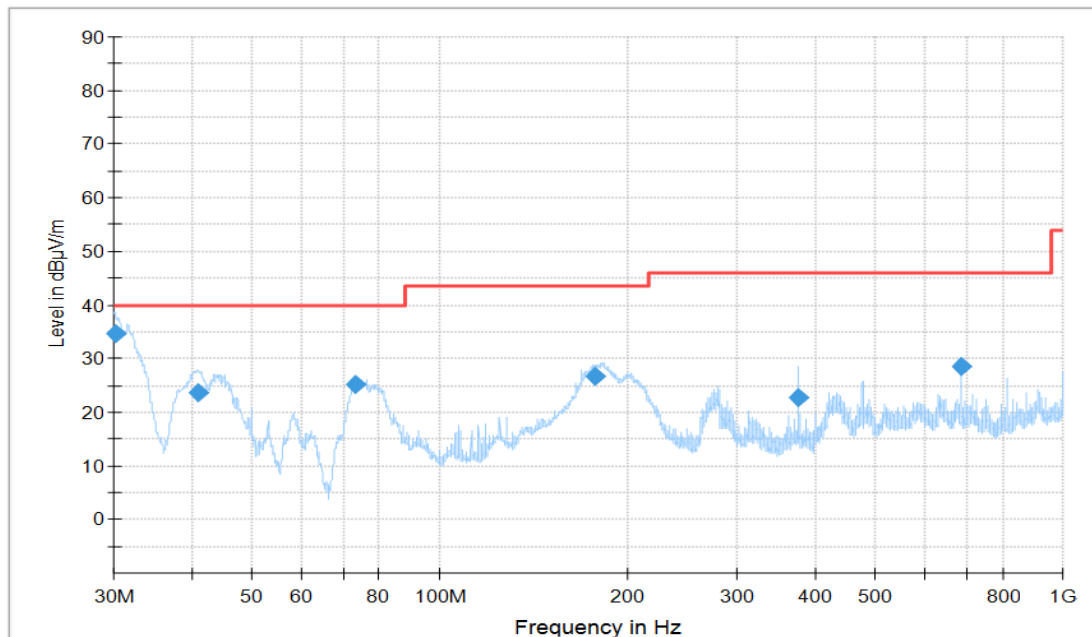


Figure A.31 Radiated Emission (Set.1,Camera Mode, 30MHz to 1GHz)

Final_Result

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	ARpl (dB/m)	P _{Mea} (dBμV)
30.12	34.52	40	5.48	V	-24.3	58.82
41.051667	23.65	40	16.35	V	-29.8	53.45
73.209444	25.22	40	14.78	V	-33.9	59.12
177.230556	26.79	43.5	16.71	H	-32.4	59.19
375.016667	22.63	46	23.37	V	-26.7	49.33
687.518333	28.56	46	17.44	V	-19.8	48.36

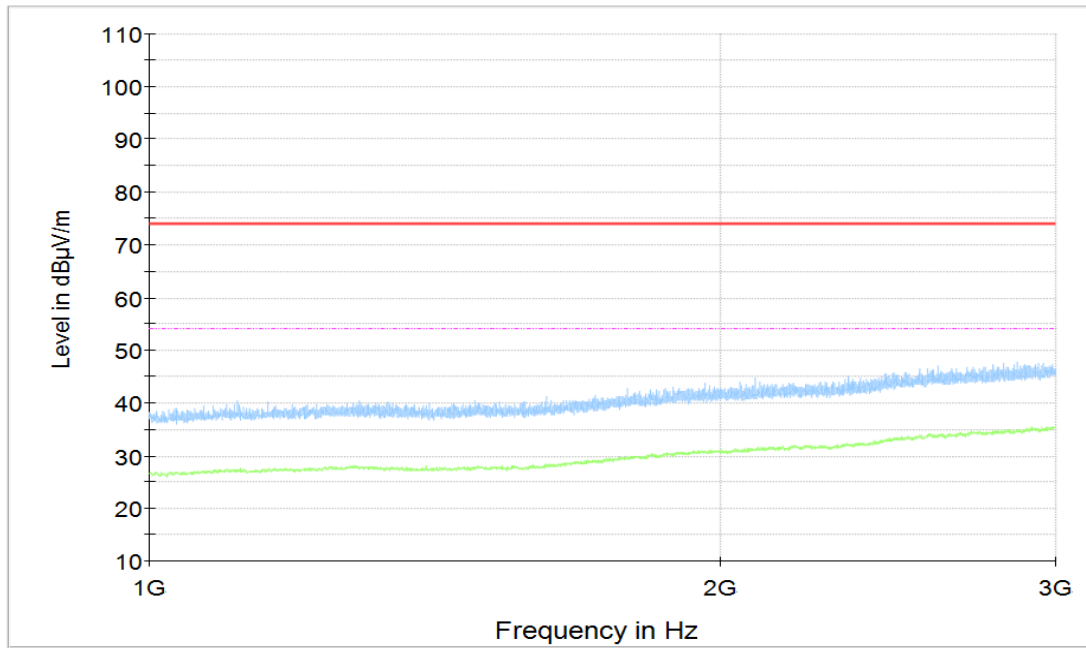


Figure A.32 Radiated Emission (Set.1, Camera Mode , 1GHz to 3GHz)

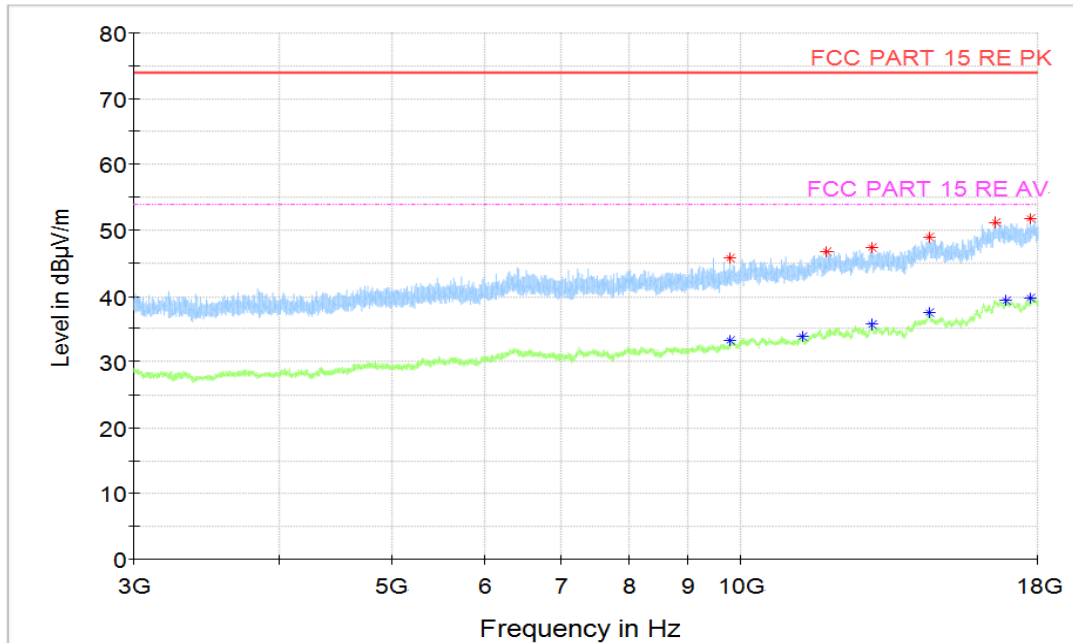


Figure A.33 Radiated Emission (Set.1, Camera Mode , 3GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBμV)
9773	45.76	74	28.24	V	4.1	41.66
11846.5	46.85	74	27.15	V	6.7	40.15
12964	47.33	74	26.67	V	8.5	38.83
14502.5	49.02	74	24.98	V	11.5	37.52
16559	51.25	74	22.75	H	14.7	36.55
17715.5	51.84	74	22.16	V	15.8	36.04

Final_Results_AVG

Frequency(MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBμV)
9783.5	33.22	54	20.78	V	4.2	29.02
11280.5	33.9	54	20.1	V	5.4	28.5
12967.5	35.64	54	18.36	V	8.5	27.14
14513	37.42	54	16.58	H	11.5	25.92
16915.5	39.3	54	14.7	H	15	24.3
17755	39.68	54	14.32	H	16.3	23.38

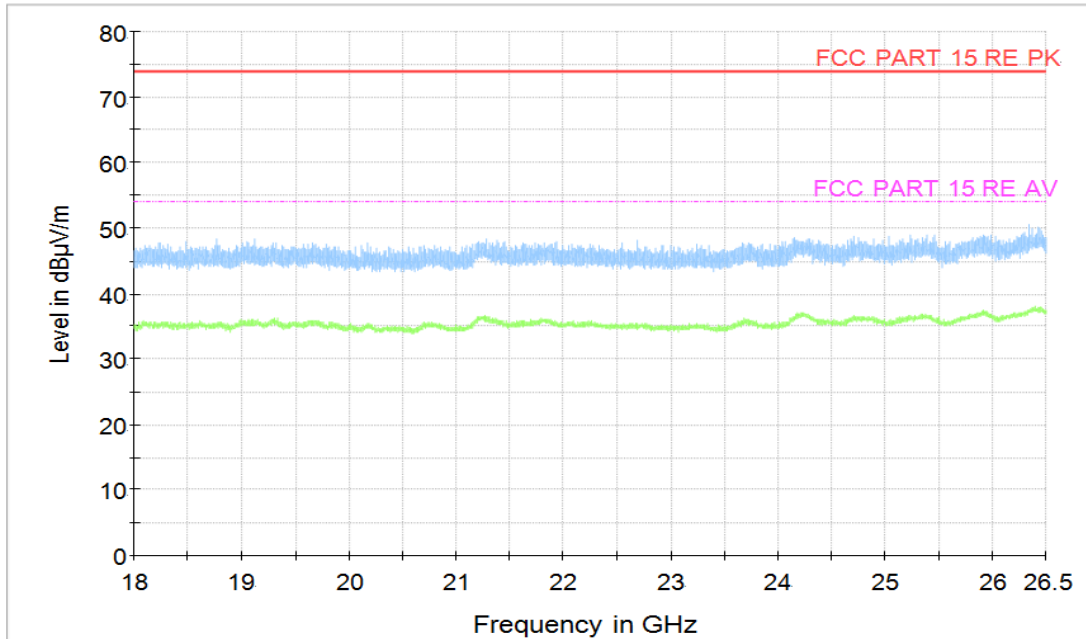


Figure A.34 Radiated Emission (Set.1, Camera Mode , 18GHz to 26.5GHz)

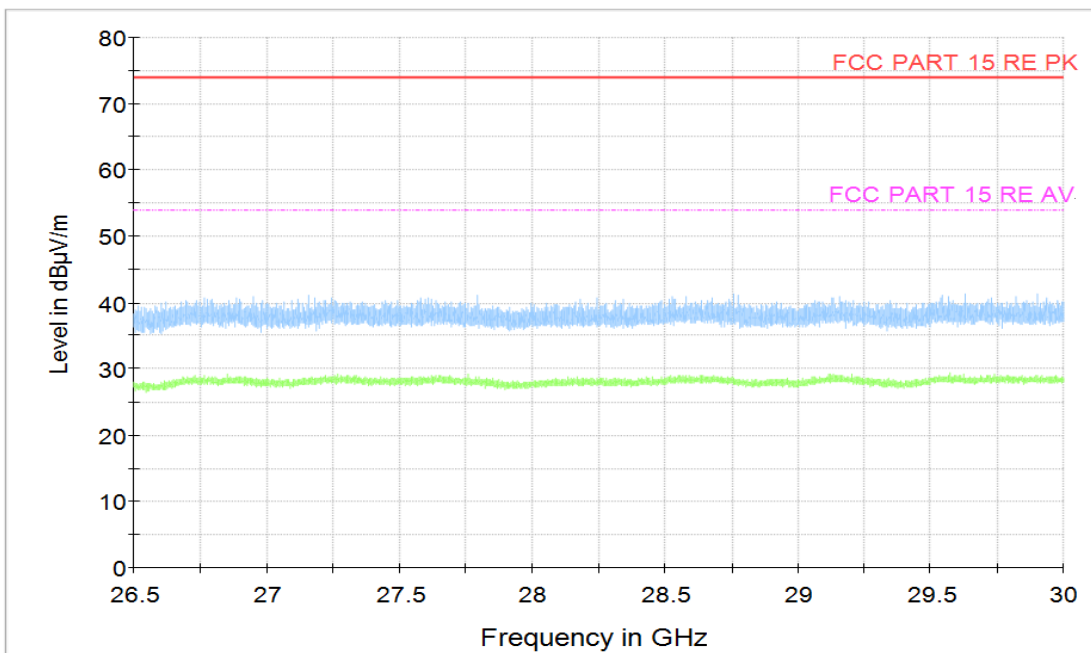


Figure A.35 Radiated Emission (Set.1, Camera Mode , 26.5GHz to 30GHz)

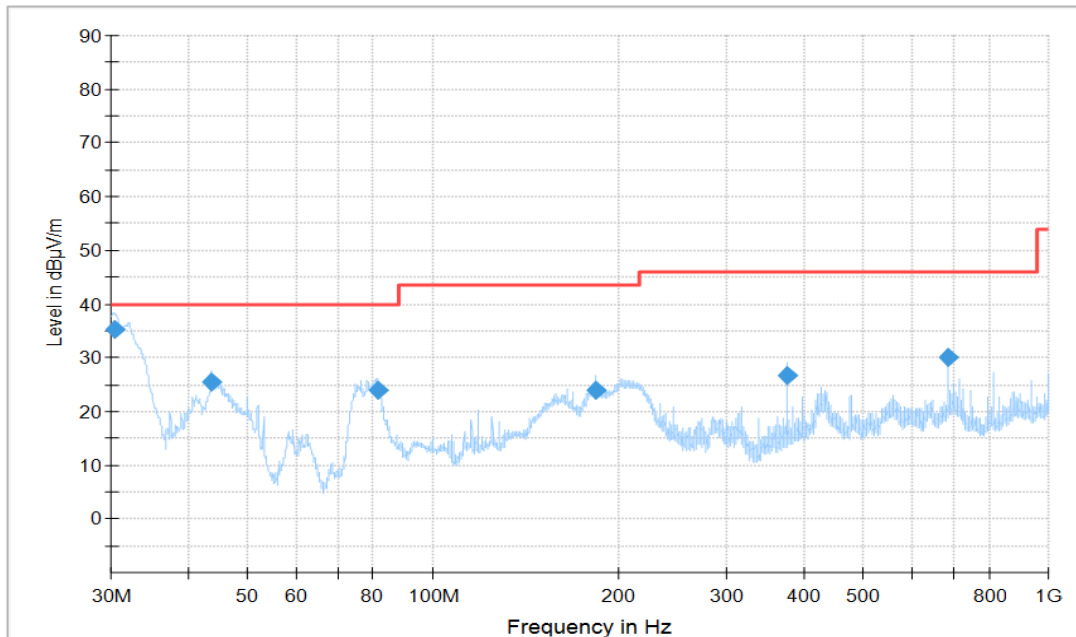


Figure A.36 Radiated Emission (Set.3,FM Mode, 30MHz to 1GHz)

Final_Result

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	ARpl (dB/m)	P _{Mea} (dBμV)
30.345	35.39	40	4.62	V	-24.6	59.99
43.747778	25.37	40	14.63	V	-31.9	57.27
81.306667	23.88	40	16.12	V	-33.5	57.38
184.343889	23.8	43.5	19.7	H	-33.7	57.5
375.016667	26.82	46	19.18	V	-26.7	53.52
687.518333	29.92	46	16.08	V	-19.8	49.72

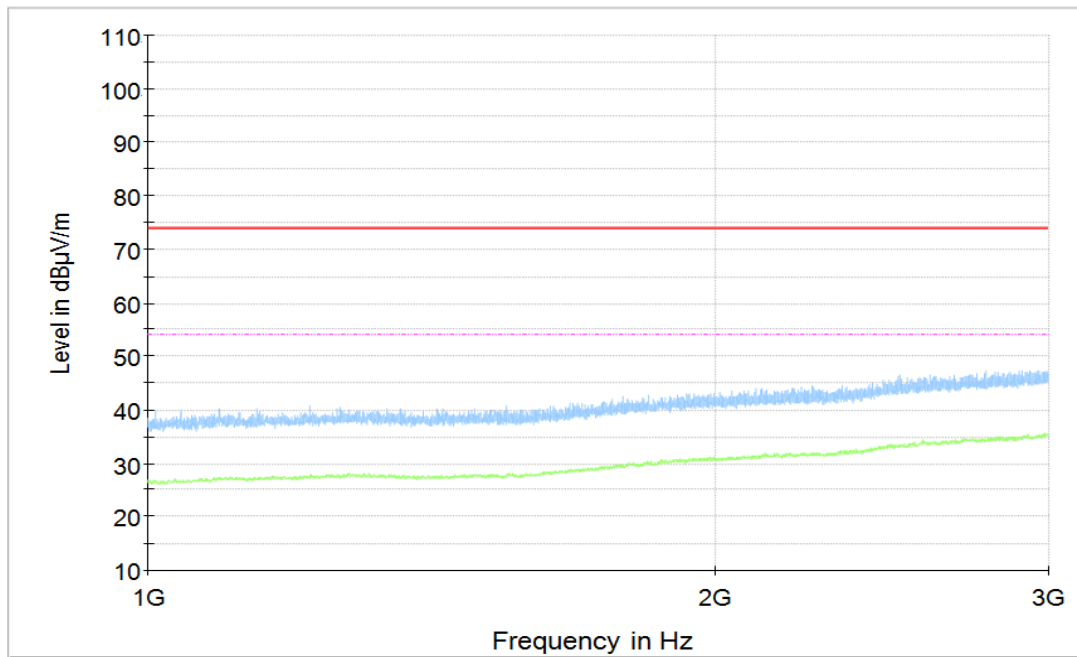


Figure A.37 Radiated Emission (Set.3, FM Mode , 1GHz to 3GHz)

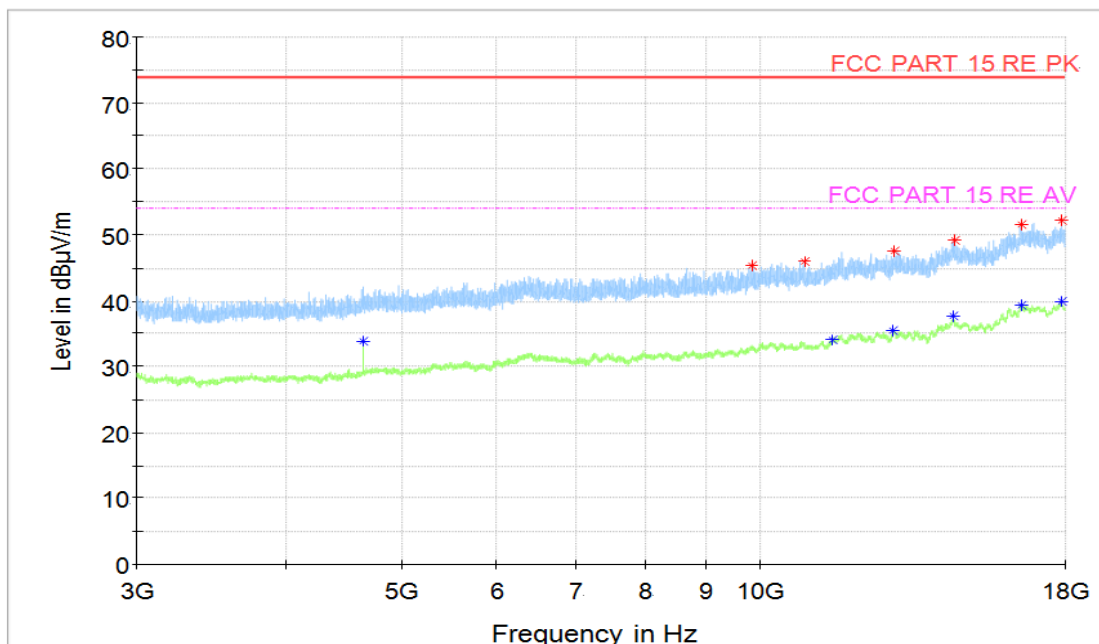


Figure A.38 Radiated Emission (Set.3, FM Mode , 3GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBμV)
9836.5	45.36	74	28.64	H	4.5	40.86
10877.5	46.01	74	27.99	H	5.2	40.81
12960.5	47.46	74	26.54	V	8.5	38.96
14548	49.11	74	24.89	H	11.4	37.71
16543.5	51.53	74	22.47	H	14.7	36.83
17871	52.13	74	21.87	H	16.2	35.93

Final_Results_AVG

Frequency(MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBμV)
4645	33.76	54	20.24	V	-1.5	35.26
11484.5	34.04	54	19.96	H	5.9	28.14
12933	35.48	54	18.52	V	8.6	26.88
14503.5	37.61	54	16.39	H	11.5	26.11
16558	39.21	54	14.79	H	14.7	24.51
17892.5	39.8	54	14.2	V	16.2	23.6

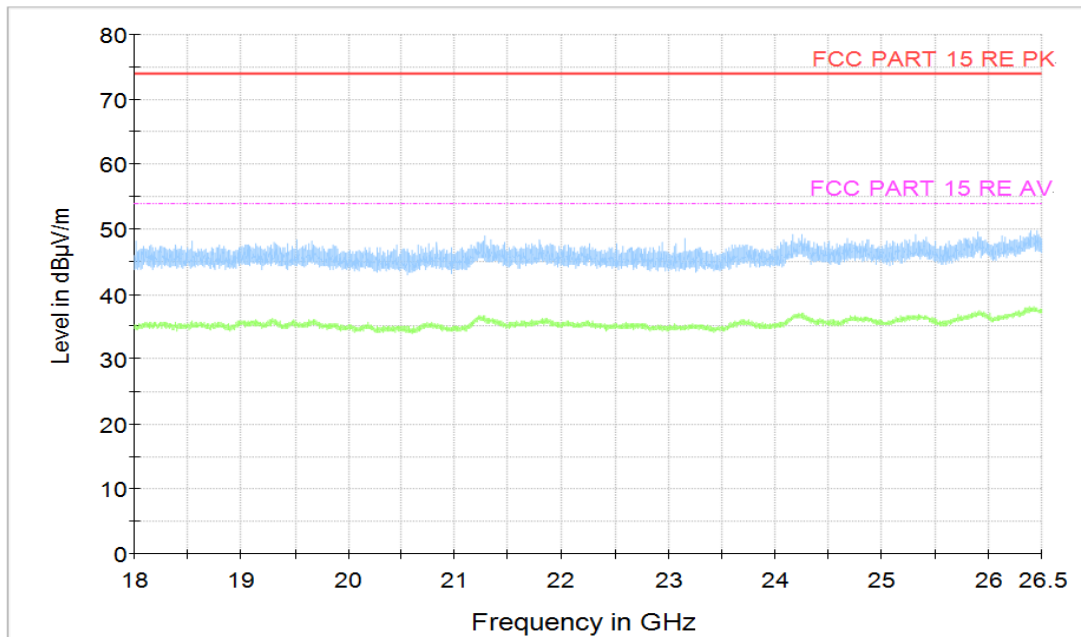


Figure A.39 Radiated Emission (Set.3, FM Mode , 18GHz to 26.5GHz)

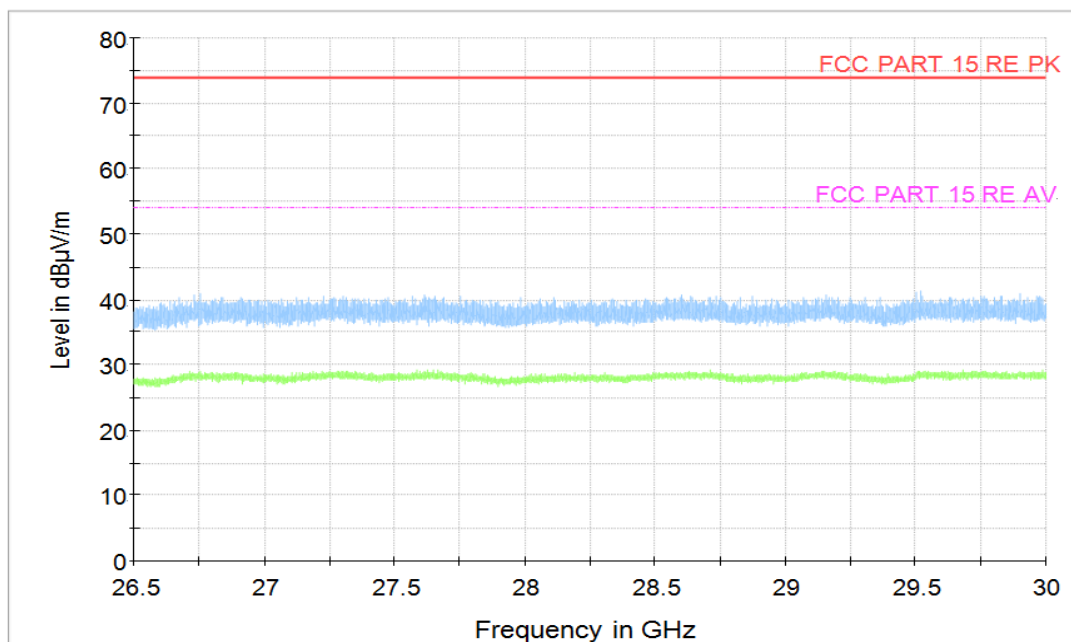


Figure A.40 Radiated Emission (Set.3, FM Mode , 26.5GHz to 30GHz)

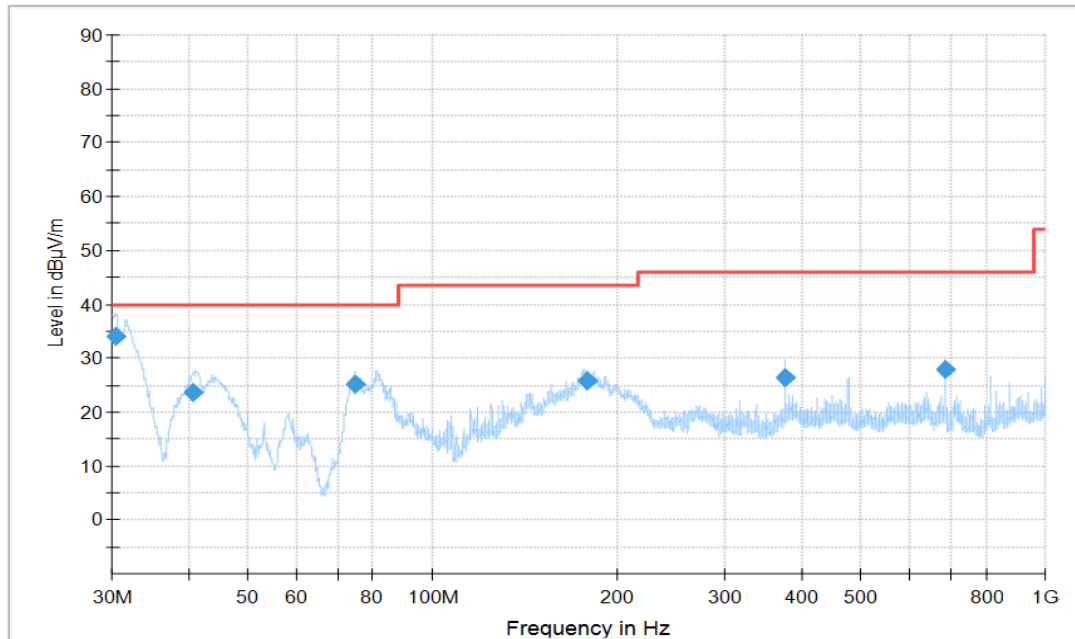


Figure A.41 Radiated Emission (Set.1,Video Player Mode, 30MHz to 1GHz)

Final_Result

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	ARpl (dB/m)	P _{Mea} (dBμV)
30.438889	34.05	40	5.95	V	-24.7	58.75
40.592778	23.49	40	16.51	V	-29.6	53.09
74.963333	25.22	40	14.78	V	-33.8	59.02
178.337778	25.69	43.5	17.81	V	-32.8	58.49
375.016667	26.25	46	19.75	V	-26.7	52.95
687.518333	27.84	46	18.16	V	-19.8	47.64

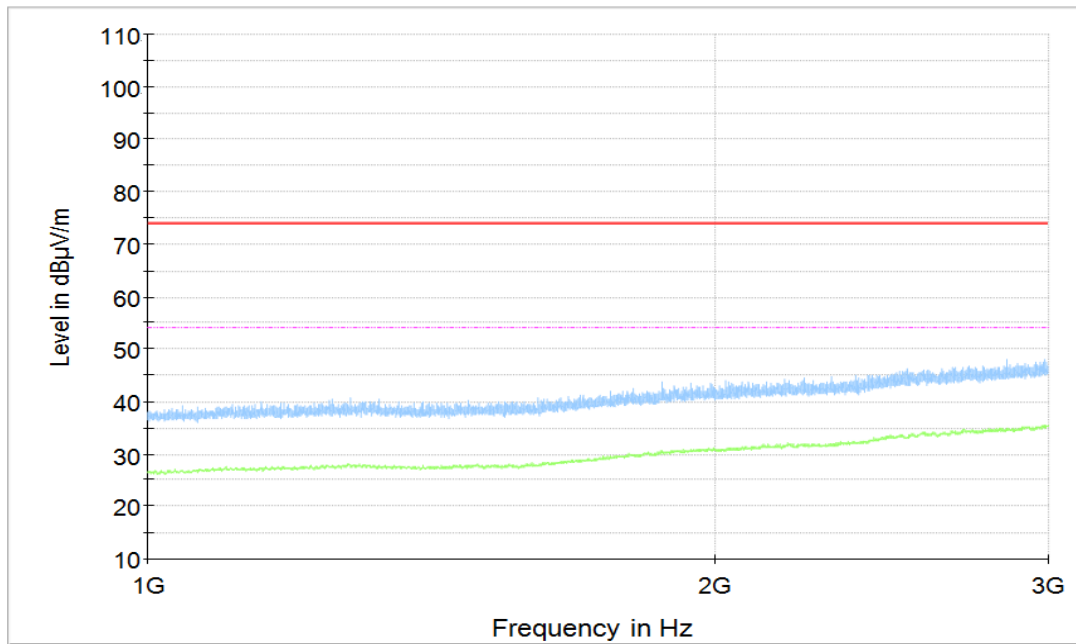


Figure A.42 Radiated Emission (Set.1, Video Player Mode, 1GHz to 3GHz)

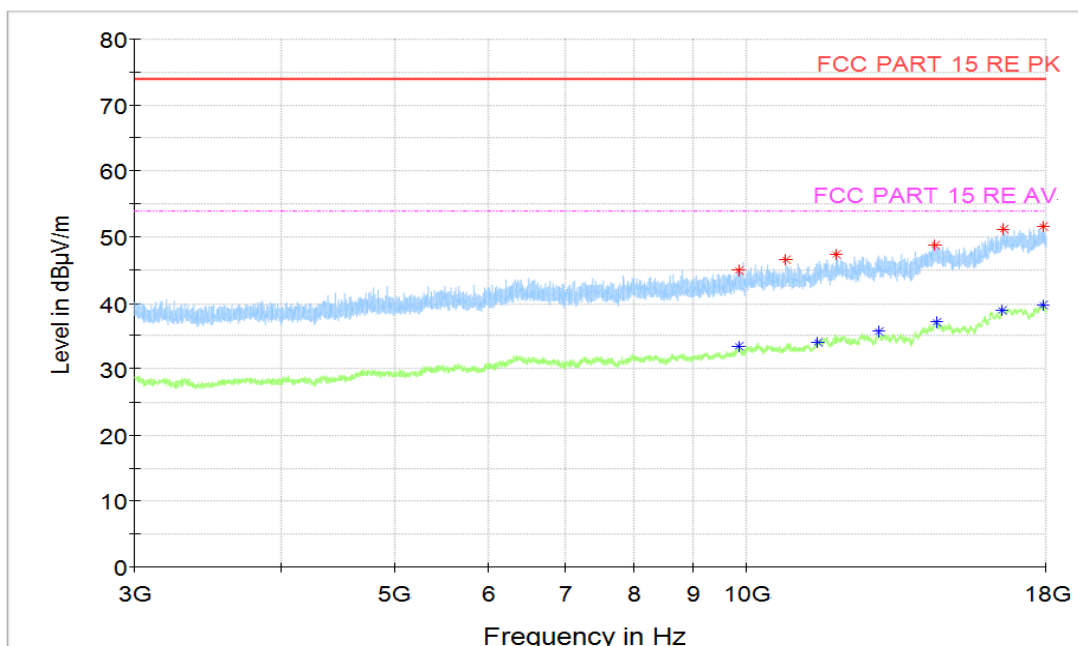


Figure A.43 Radiated Emission (Set.1, Video Player Mode, 3GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBμV)
9823	44.97	74	29.03	H	4.4	40.57
10778	46.46	74	27.54	H	5.1	41.36
11929.5	47.37	74	26.63	V	7	40.37
14454.5	48.8	74	25.2	H	11.2	37.6
16550.5	51.47	74	22.53	H	14.7	36.77
17892.5	51.62	74	22.38	H	16.2	35.42

Final_Results_AVG

Frequency(MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBμV)
9840.5	33.37	54	20.63	V	4.5	28.87
11483.5	33.91	54	20.09	V	5.9	28.01
12943	35.67	54	18.33	V	8.6	27.07
14503.5	37.42	54	16.58	H	11.5	25.92
16522	39.11	54	14.89	H	14.8	24.31
17901	39.75	54	14.25	H	16.3	23.45

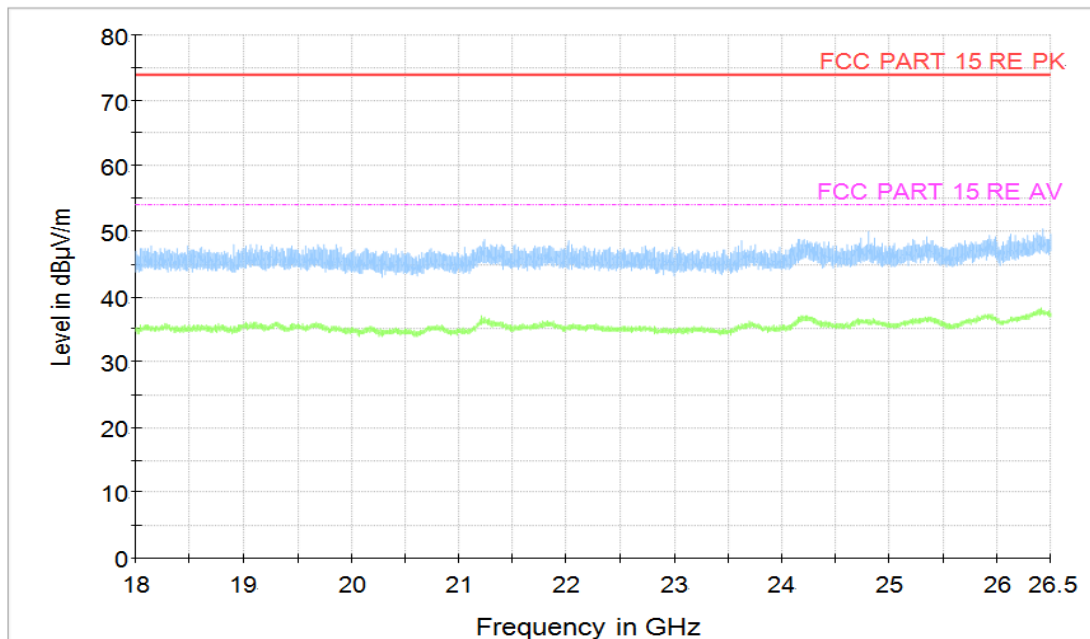


Figure A.44 Radiated Emission (Set.1, Video Player Mode, 18GHz to 26.5GHz)

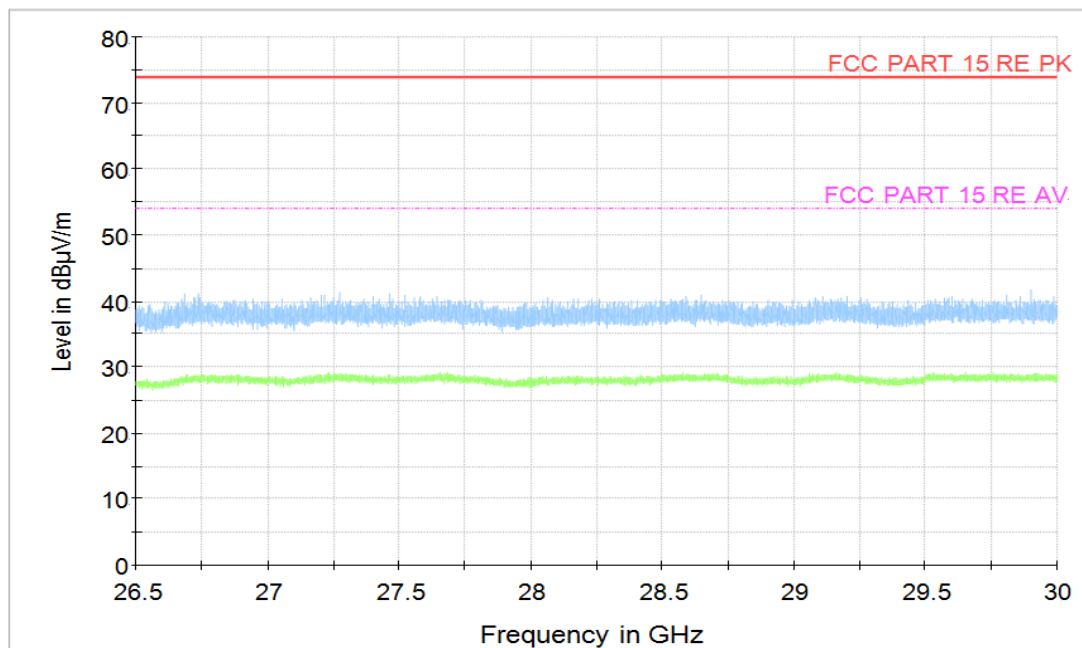


Figure A.45 Radiated Emission (Set.1, Video Player Mode, 26.5GHz to 30GHz)

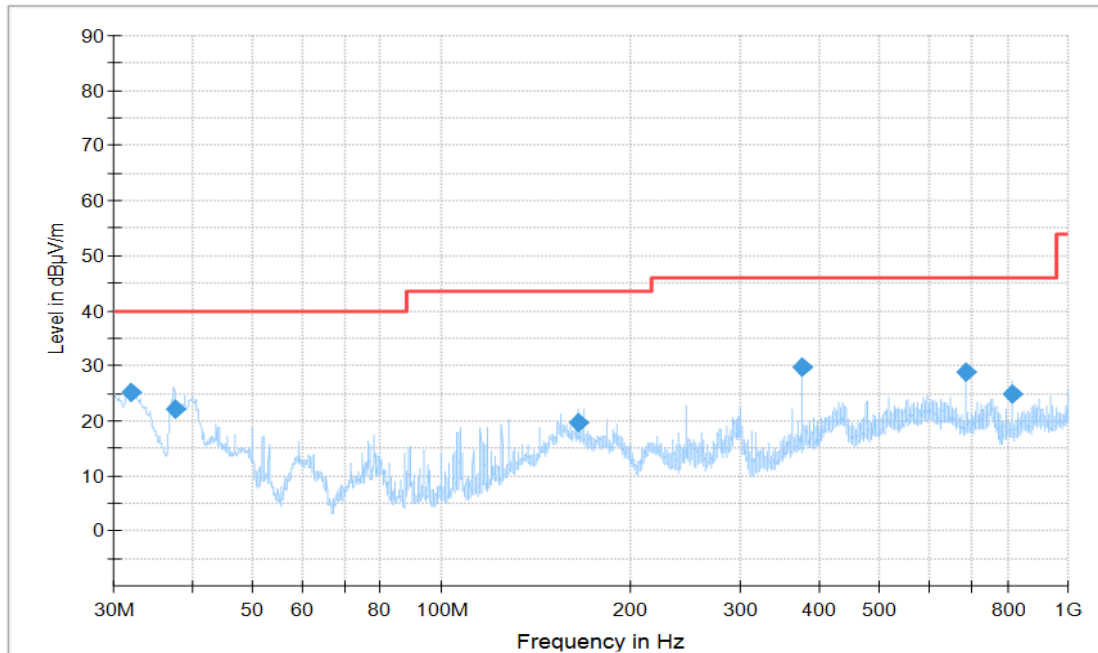


Figure A.46 Radiated Emission (Set.4,FM Mode, 30MHz to 1GHz)

Final_Result

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	ARpl (dB/m)	P _{Mea} (dBμV)
31.975556	25.04	40	14.96	V	-25.8	50.84
37.510556	22	40	18	V	-28	50
165.644444	19.53	43.5	23.97	V	-32.5	52.03
375.016667	29.63	46	16.37	V	-26.7	56.33
687.518333	28.97	46	17.03	V	-19.8	48.77
812.540556	24.74	46	21.26	V	-18.5	43.24

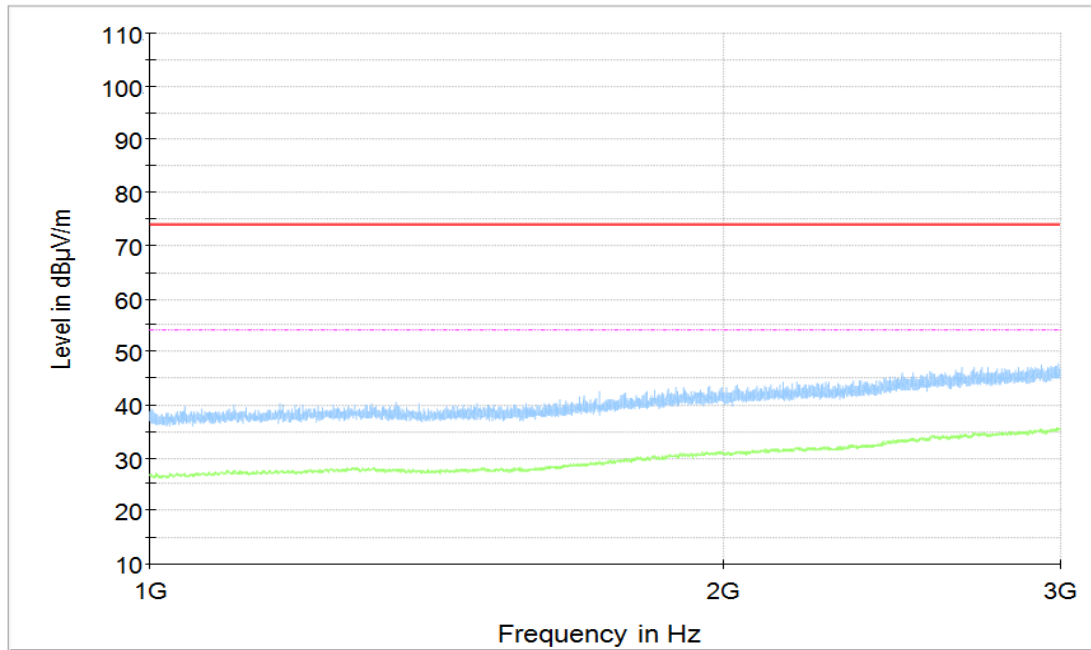


Figure A.47 Radiated Emission (Set.4, FM Mode, 1GHz to 3GHz)

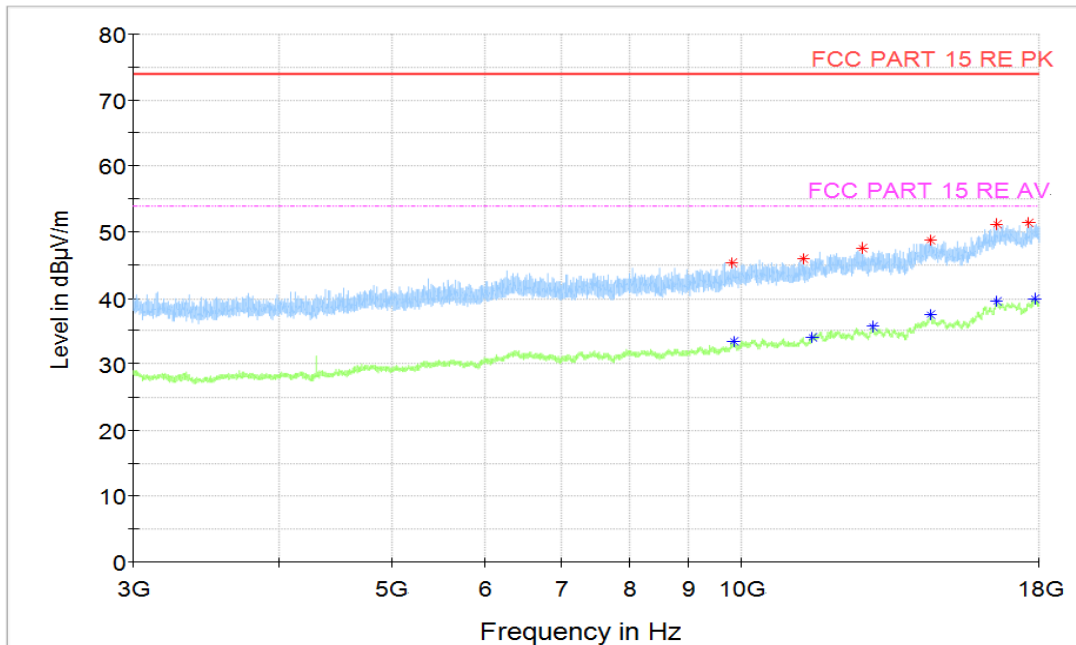


Figure A.48 Radiated Emission (Set.4, FM Mode, 3GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBμV)
9820	45.31	74	28.69	V	4.4	40.91
11290.5	46.01	74	27.99	V	5.4	40.61
12682.5	47.59	74	26.41	V	7.7	39.89
14501	48.76	74	25.24	H	11.5	37.26
16573.5	51.26	74	22.74	V	14.8	36.46
17615.5	51.4	74	22.6	V	15.6	35.8

Final_Results_AVG

Frequency(MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBμV)
9839.5	33.4	54	20.6	V	4.5	28.9
11480	34	54	20	V	5.9	28.1
12943.5	35.76	54	18.24	V	8.6	27.16
14508.5	37.47	54	16.53	H	11.5	25.97
16550	39.53	54	14.48	H	14.7	24.83
17837.5	39.8	54	14.2	H	16.3	23.5

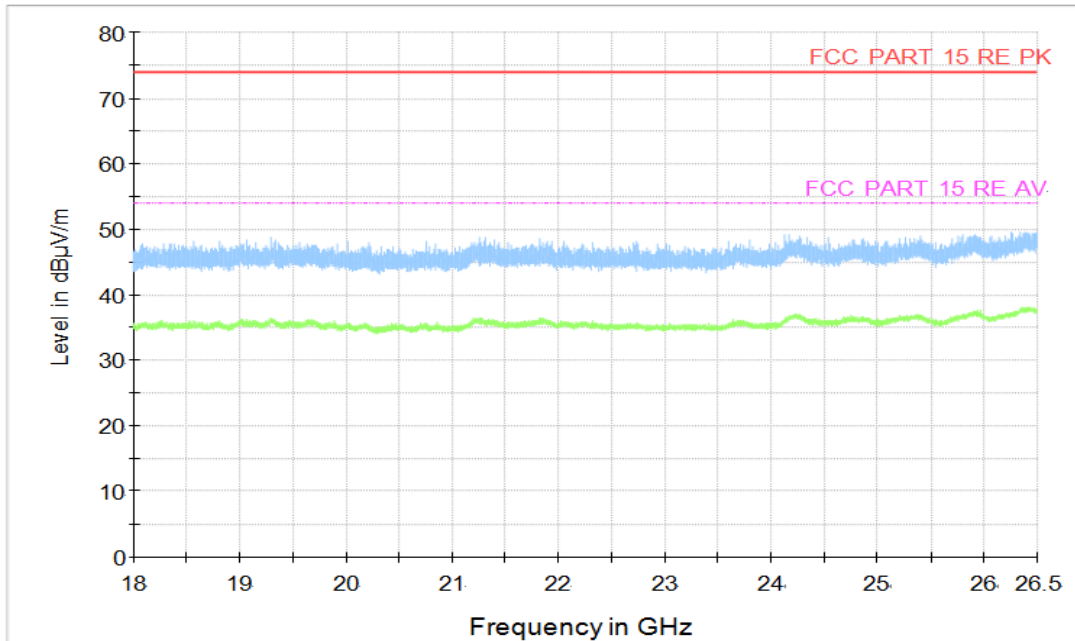


Figure A.49 Radiated Emission (Set.4, FM Mode, 18GHz to 26.5GHz)

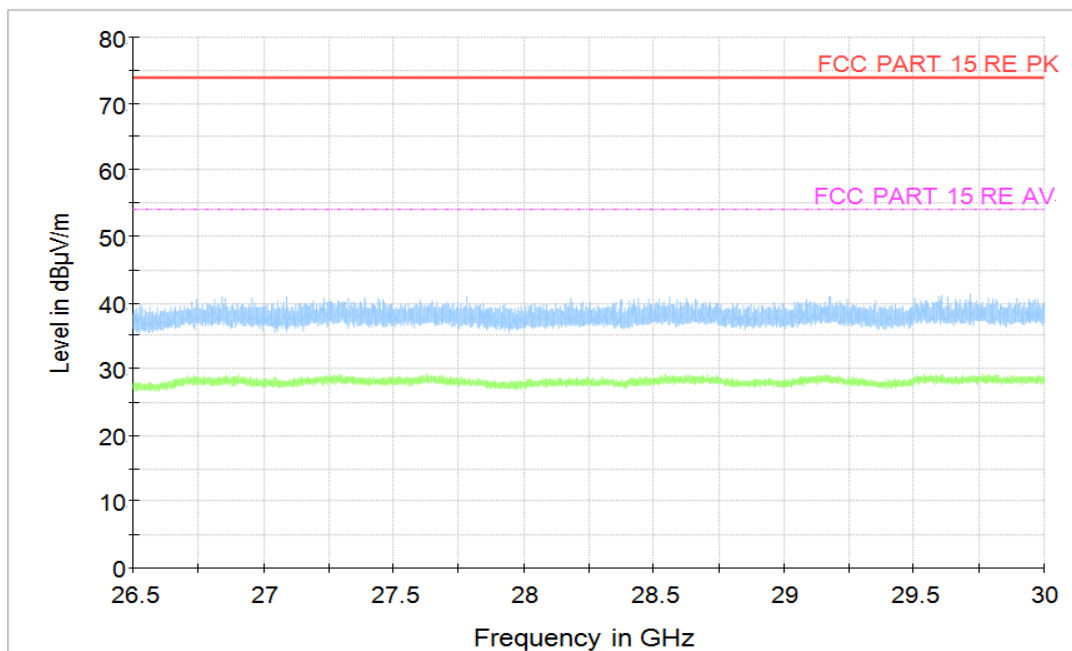


Figure A.50 Radiated Emission (Set.4, FM Mode, 26.5GHz to 30GHz)

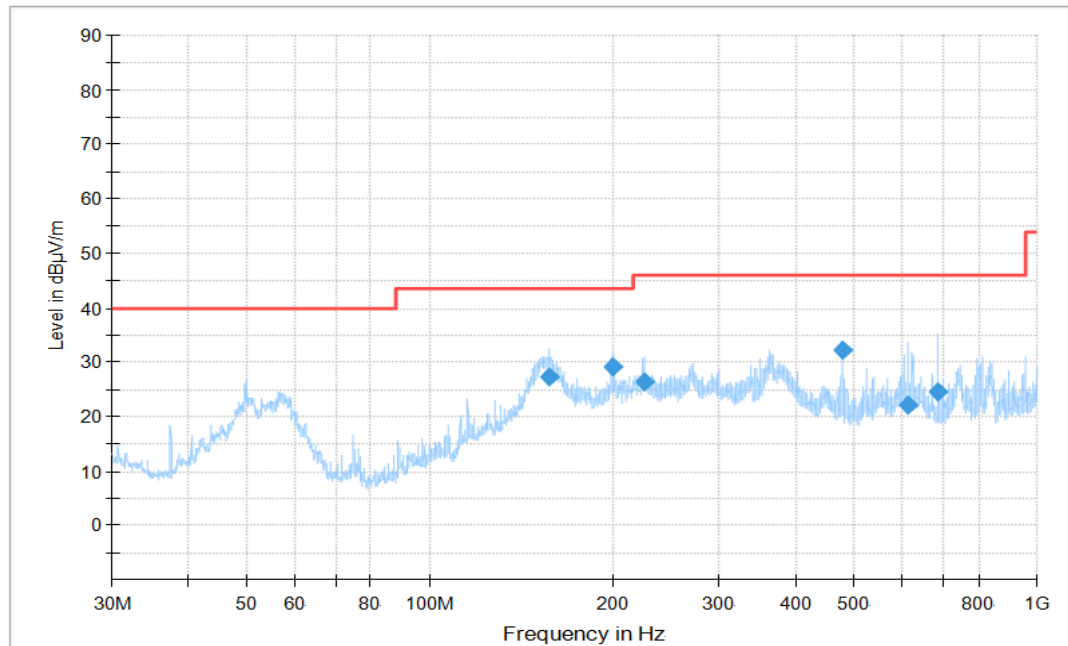


Figure A.51 Radiated Emission (Set.5, Data Transfer Mode: EUT to PC, 30MHz to 1GHz)

Final Result

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	ARpl (dB/m)	P _{Mea} (dBμV)
157.063889	27.3	43.5	16.2	H	-33.6	60.9
199.999444	29	43.5	14.5	H	-33.1	62.1
225.247222	26.29	46	19.71	H	-32.3	58.59
480.006111	32.35	46	13.65	H	-23.9	56.25
612.261667	22.17	46	23.83	V	-21.3	43.47
687.532222	24.64	46	21.36	V	-19.8	44.44

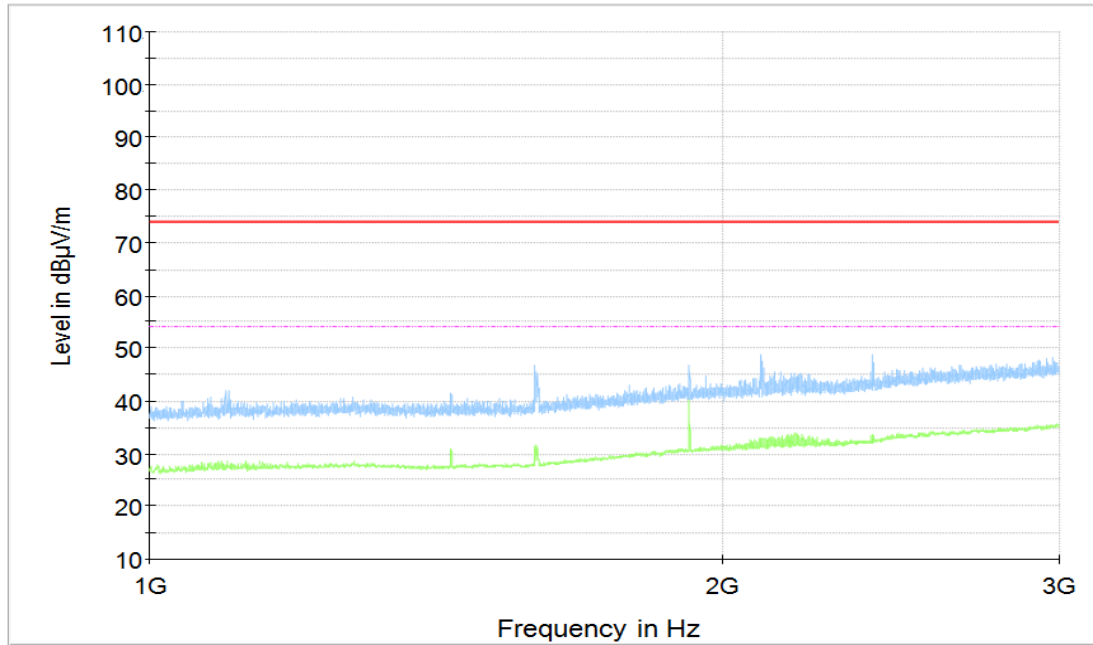


Figure A.52 Radiated Emission (Set.5, Data Transfer Mode: EUT to PC, 1GHz to 3GHz)

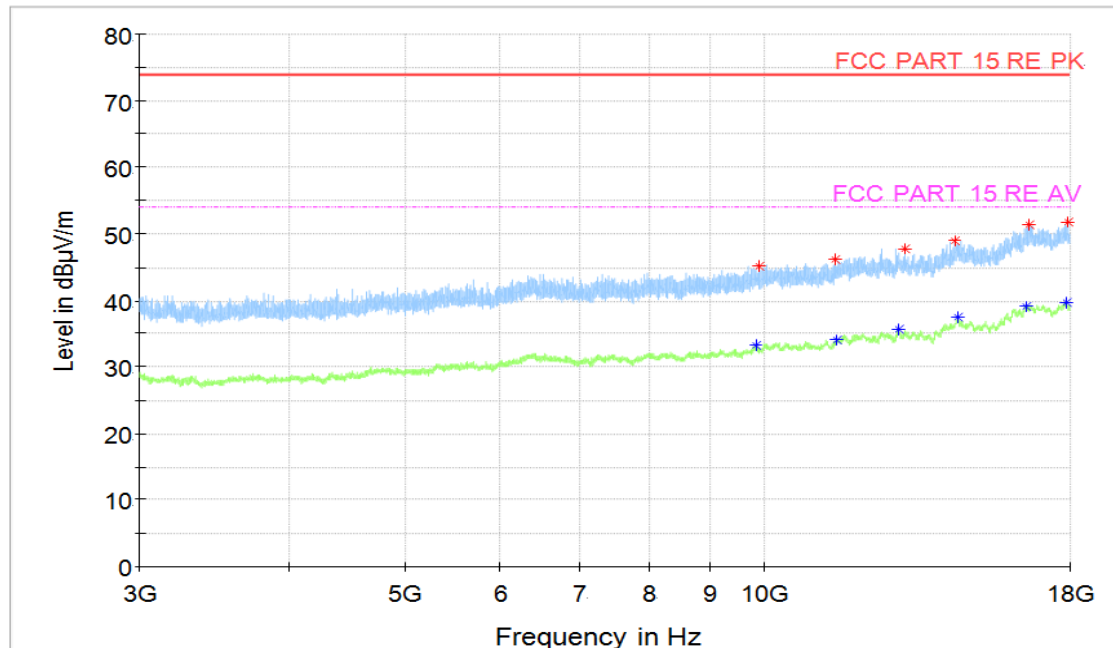


Figure A.53 Radiated Emission (Set.5, Data Transfer Mode: EUT to PC, 3GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBμV)
9884	45.09	74	28.91	V	4.5	40.59
11469.5	46.19	74	27.81	V	5.8	40.39
13112	47.85	74	26.15	V	8.5	39.35
14440	49.04	74	24.96	V	11	38.04
16678	51.43	74	22.57	V	14.9	36.53
17955.5	51.79	74	22.21	H	16.1	35.69

Final_Results_AVG

Frequency(MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBμV)
9838.5	33.24	54	20.76	H	4.5	28.74
11482	34.02	54	19.98	V	5.9	28.12
12935	35.76	54	18.24	H	8.6	27.16
14515	37.43	54	16.57	H	11.5	25.93
16549.5	39.18	54	14.82	H	14.7	24.48
17880	39.66	54	14.34	V	16.2	23.46

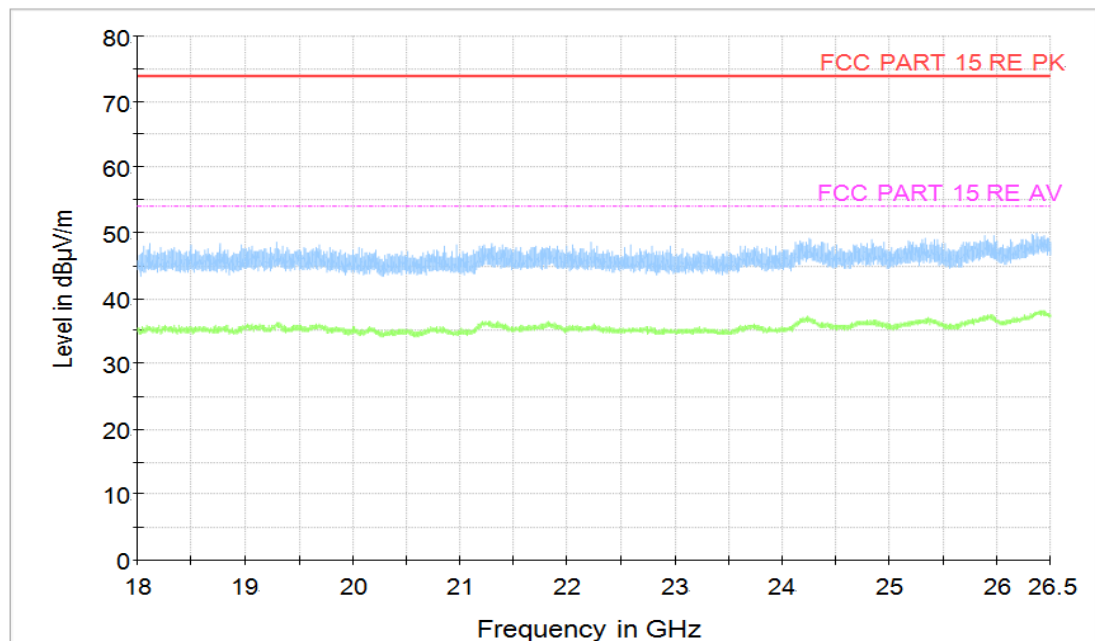


Figure A.54 Radiated Emission (Set.5, Data Transfer Mode: EUT to PC, 18GHz to 26.5GHz)

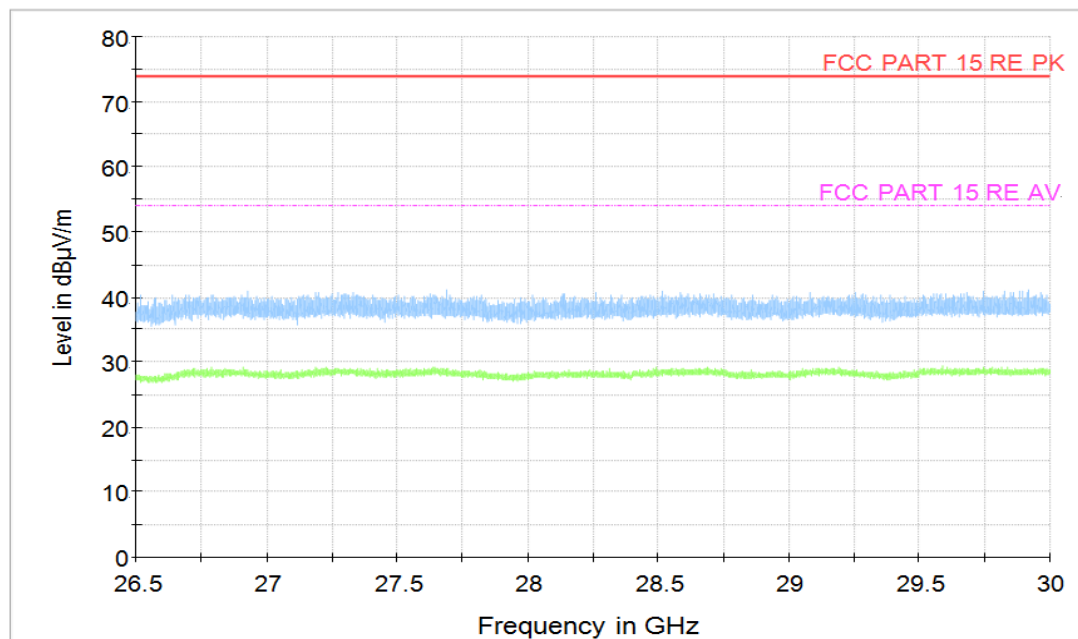


Figure A.55 Radiated Emission (Set.5, Data Transfer Mode: EUT to PC, 26.5GHz to 30GHz)

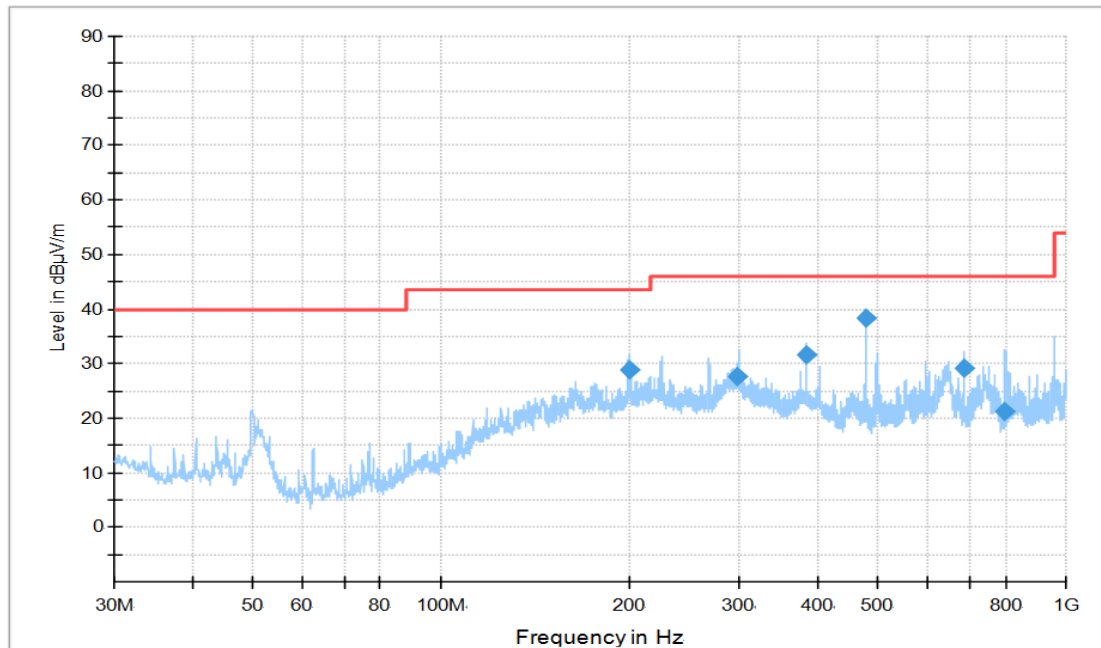


Figure A.56 Radiated Emission (Set.5, Data Transfer Mode: PC to EUT, 30MHz to 1GHz)

Final_Result

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	ARpl (dB/m)	P _{Mea} (dBμV)
200.470556	28.76	43.5	14.74	H	-33.1	61.86
298.699444	27.73	46	18.27	H	-29.3	57.03
384.016111	31.6	46	14.4	H	-26.6	58.2
479.992222	38.35	46	7.65	H	-23.9	62.25
687.518333	29.07	46	16.93	V	-19.8	48.87
799.702778	21.32	46	24.68	V	-18.8	40.12

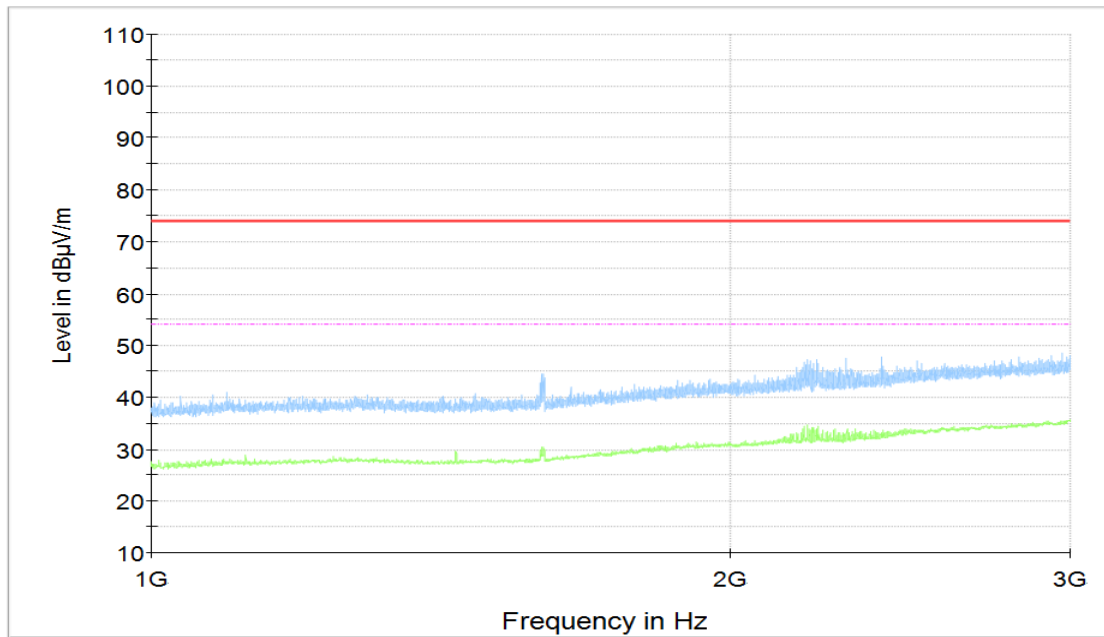


Figure A.57 Radiated Emission (Set.5, Data Transfer Mode: PC to EUT, 1GHz to 3GHz)

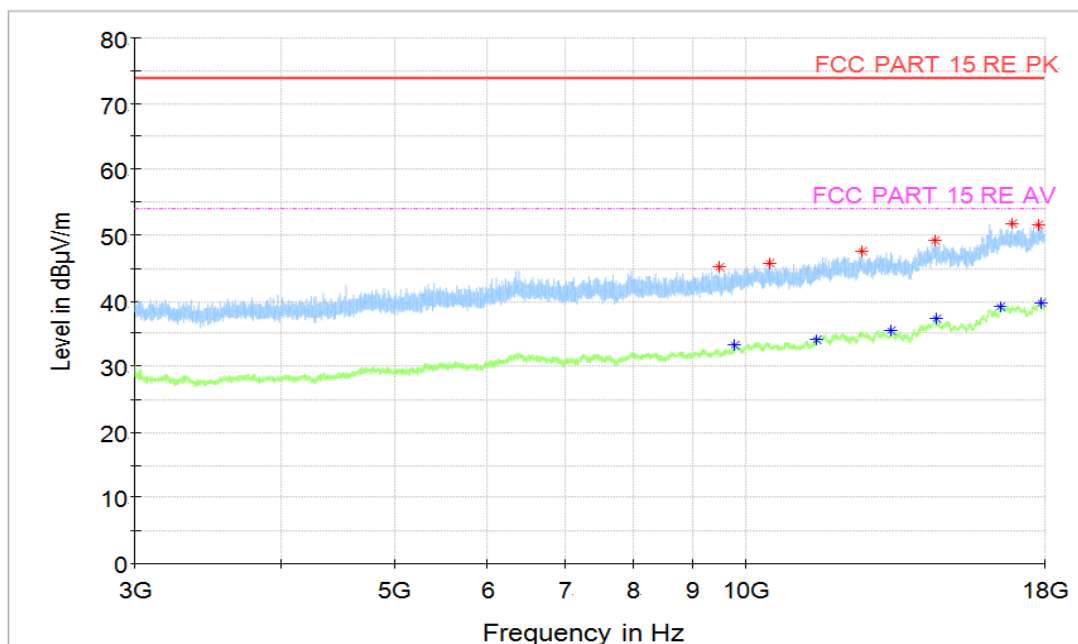


Figure A.58 Radiated Emission (Set.5, Data Transfer Mode: PC to EUT, 3GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBμV)
9485.5	45.07	74	28.93	V	4.5	40.57
10470.5	45.72	74	28.28	H	5.2	40.52
12565.5	47.59	74	26.41	V	7.6	39.99
14527.5	49.08	74	24.92	V	11.1	37.98
16919.5	51.8	74	22.2	V	15	36.8
17811	51.49	74	22.51	H	16.2	35.29

Final_Results_AVG

Frequency(MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBμV)
9782	33.23	54	20.77	H	4.4	28.83
11490.5	33.97	54	20.03	V	5.9	28.07
13317	35.5	54	18.5	V	8.9	26.6
14542	37.37	54	16.63	H	11.5	25.87
16508.5	39.19	54	14.81	V	14.7	24.49
17887.5	39.69	54	14.31	H	16.2	23.49

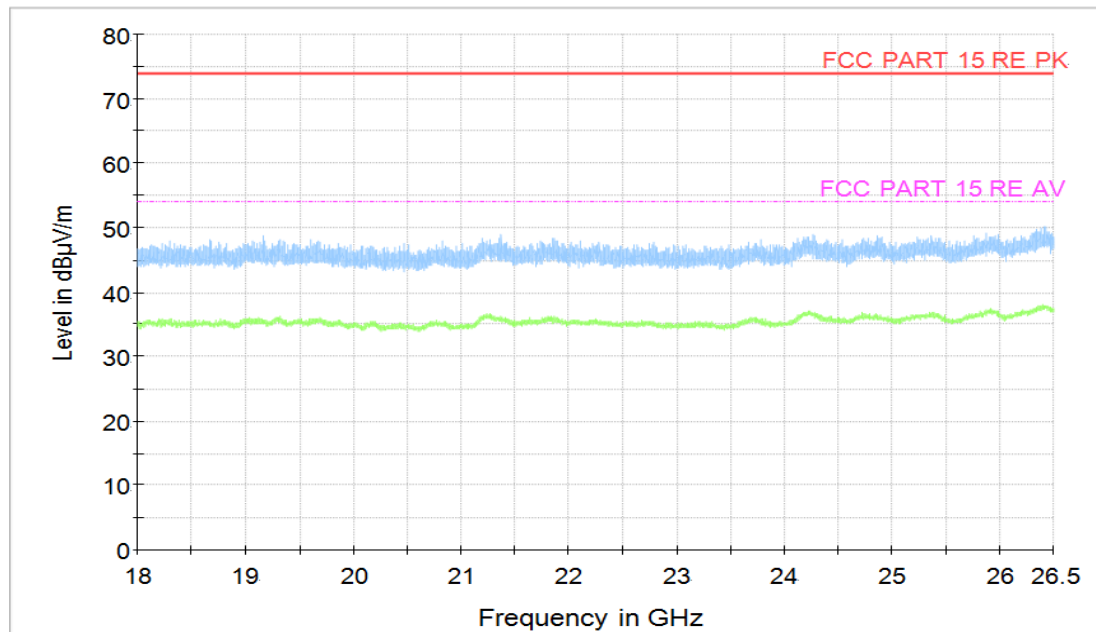


Figure A.59 Radiated Emission (Set.5, Data Transfer Mode: PC to EUT, 18GHz to 26.5GHz)

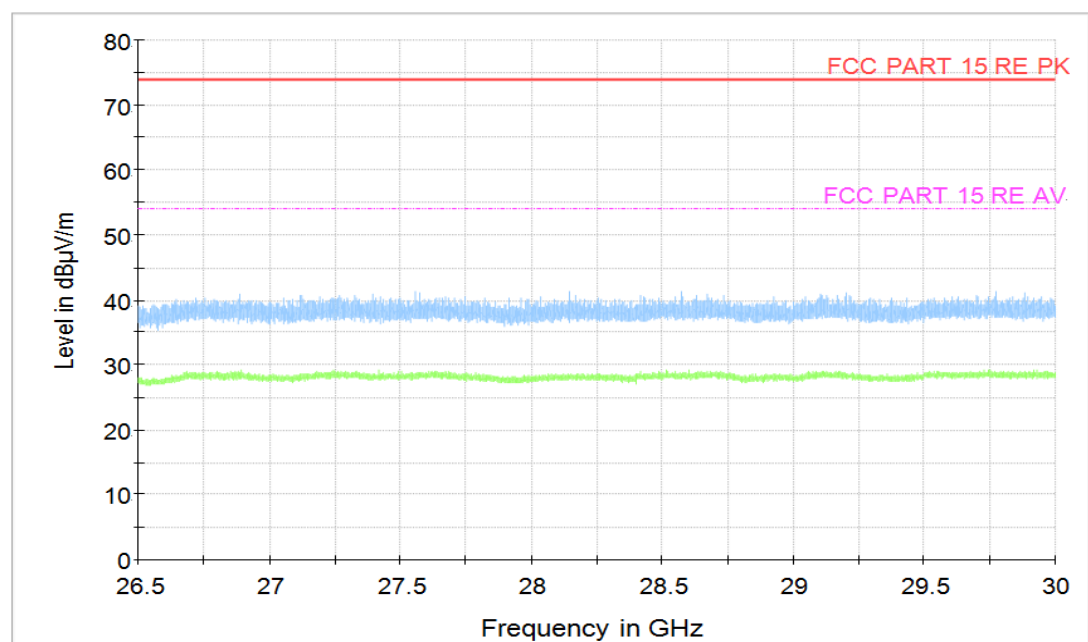


Figure A.60 Radiated Emission (Set.5, Data Transfer Mode: PC to EUT, 26.5GHz to 30GHz)

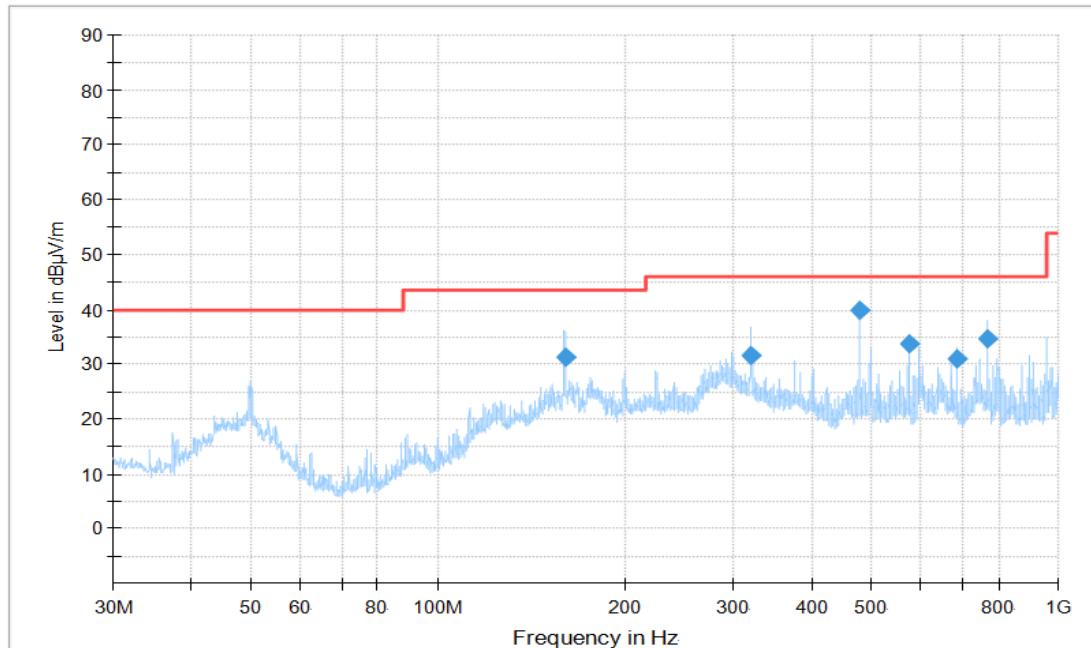


Figure A.61 Radiated Emission (Set.5, Data Transfer Mode: PC to TF Card, 30MHz to 1GHz)

Final_Result

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	ARpl (dB/m)	P _{Mea} (dBμV)
160.227778	31.34	43.5	12.16	H	-33.5	64.84
320.051667	31.47	46	14.53	H	-28.7	60.17
479.992222	39.99	46	6.01	H	-23.9	63.89
575.982222	33.71	46	12.29	H	-22	55.71
687.518333	31.11	46	14.89	H	-19.8	50.91
767.988333	34.63	46	11.37	H	-19.2	53.83

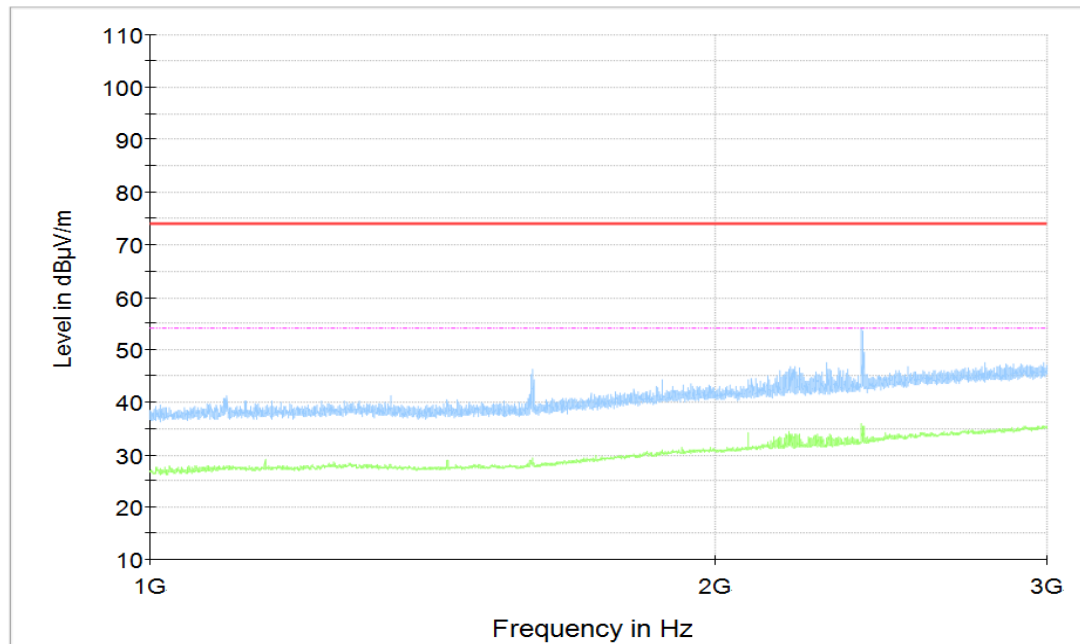


Figure A.62 Radiated Emission (Set.5, Data Transfer Mode: PC to TF Card, 1GHz to 3GHz)

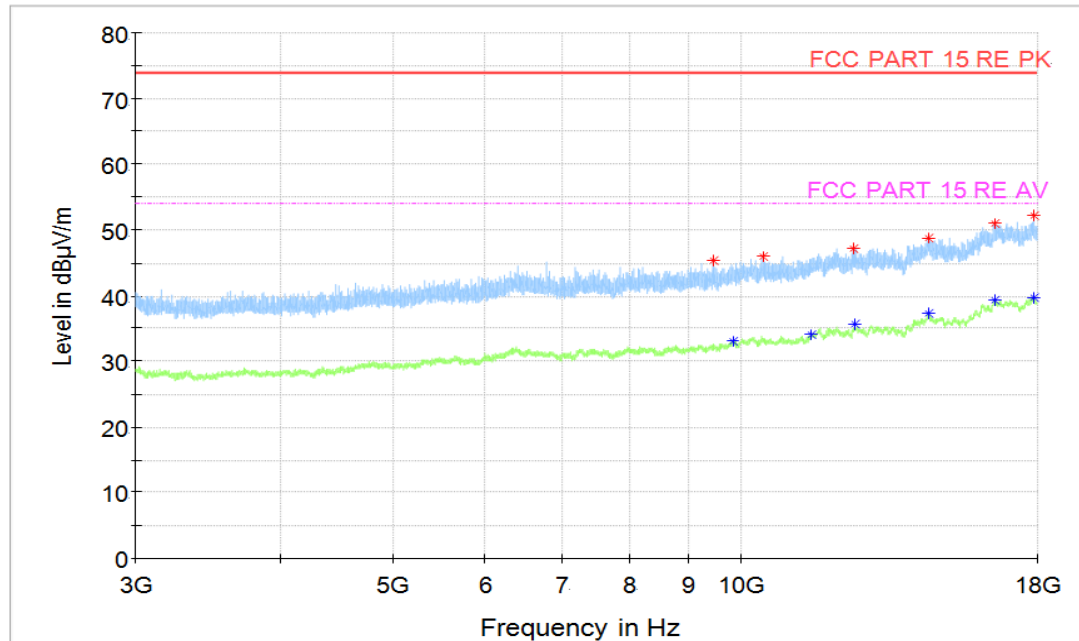


Figure A.63 Radiated Emission (Set.5, Data Transfer Mode: PC to TF Card, 3GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBμV)
9448	45.36	74	28.64	H	3.5	41.86
10432.5	45.95	74	28.05	H	5.1	40.85
12478.5	47.16	74	26.84	V	7.9	39.26
14527.5	48.73	74	25.27	H	11.5	37.23
16578	51.03	74	22.97	V	14.8	36.23
17872	52.14	74	21.86	H	16.3	35.84

Final_Results_AVG

Frequency(MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBμV)
9838	33.14	54	20.86	V	4.5	28.64
11498.5	34.06	54	19.94	V	6.1	27.96
12528	35.72	54	18.28	V	8	27.72
14509	37.37	54	16.63	H	11.5	25.87
16541.5	39.32	54	14.68	H	14.7	24.62
17875.5	39.64	54	14.36	H	16.3	23.34

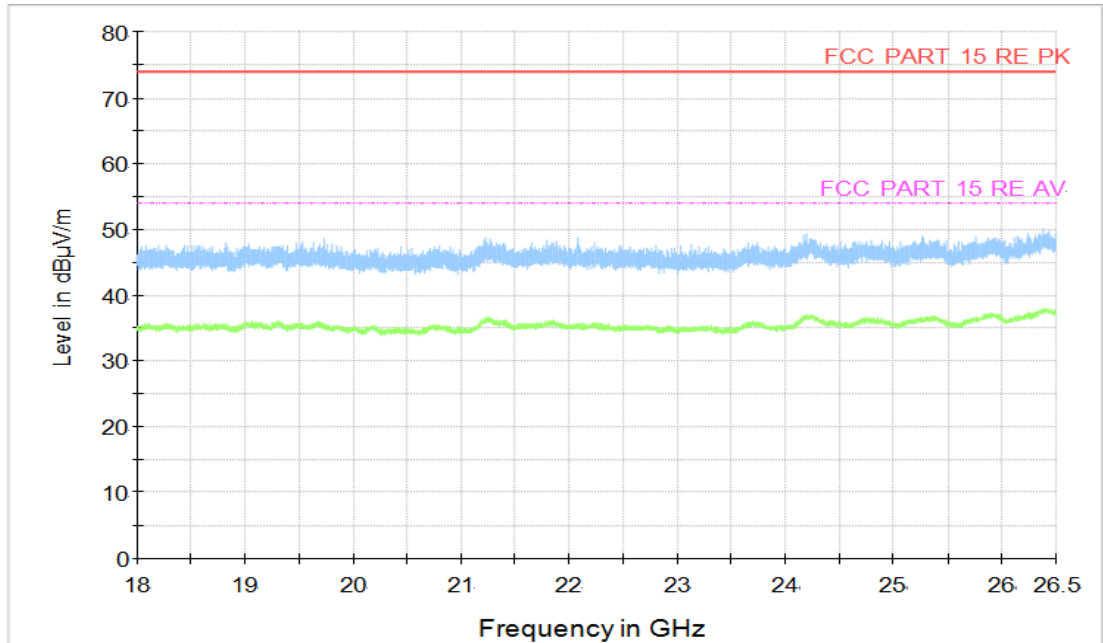


Figure A.64 Radiated Emission (Set.5, Data Transfer Mode: PC to TF Card, 18GHz to 26.5GHz)

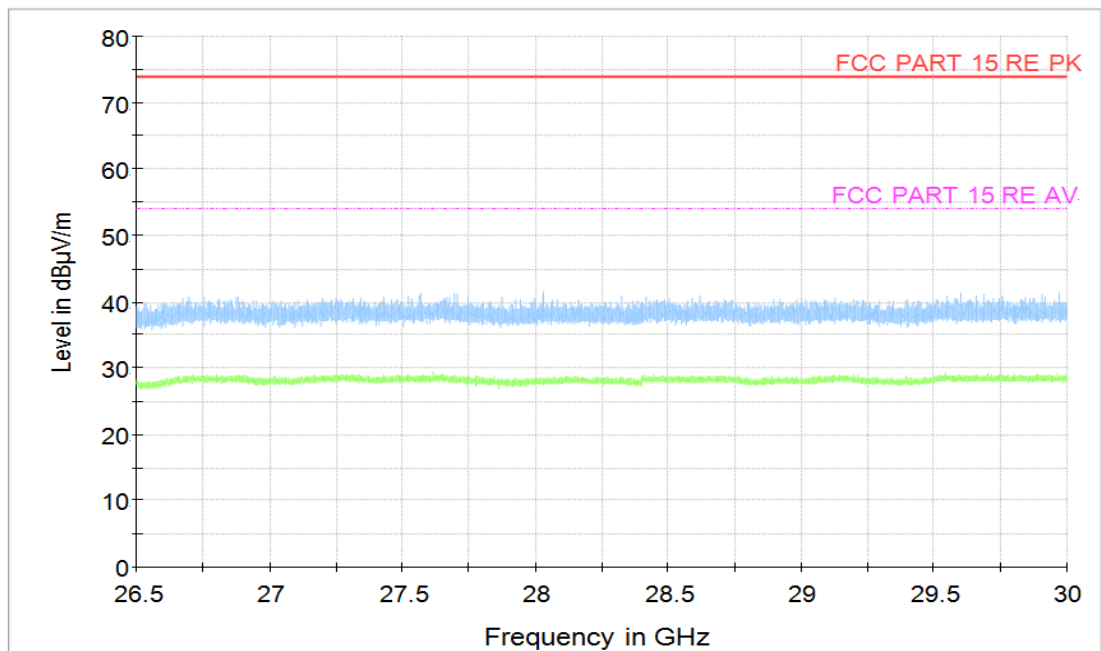


Figure A.65 Radiated Emission (Set.5, Data Transfer Mode: PC to TF Card, 26.5GHz to 30GHz)

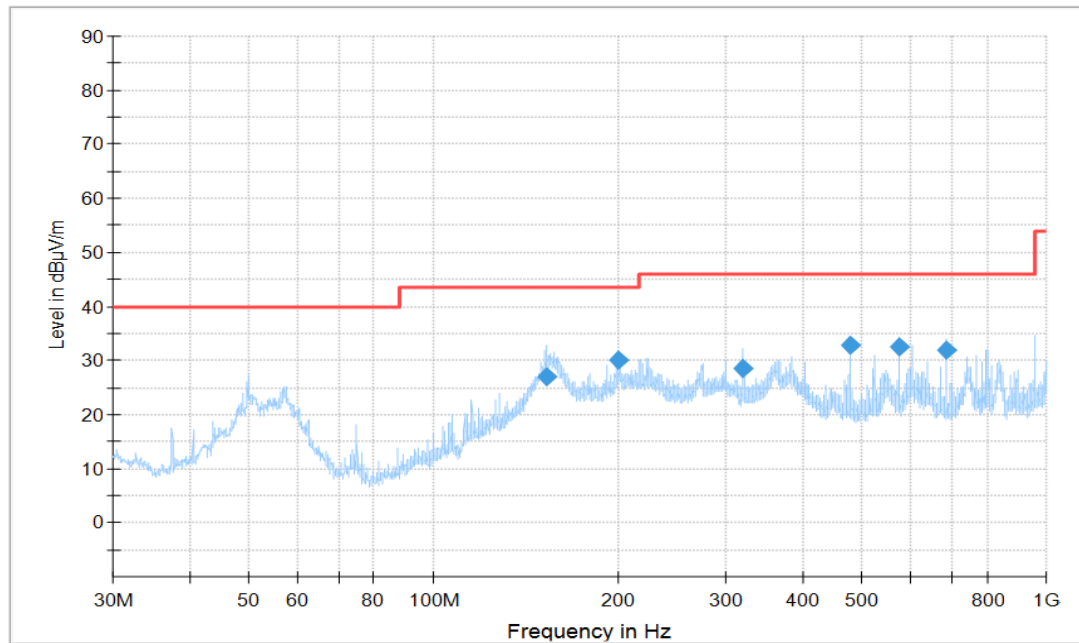


Figure A.66 Radiated Emission (Set.5, Data Transfer Mode: TF Card to PC, 30MHz to 1GHz)

Final_Result

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	ARpl (dB/m)	P _{Mea} (dBμV)
152.805	27.1	43.5	16.4	H	-33.6	60.7
200.131667	30.18	43.5	13.32	H	-33.1	63.28
320.022222	28.6	46	17.4	H	-28.7	57.3
479.992222	32.74	46	13.26	H	-23.9	56.64
575.982222	32.5	46	13.5	V	-22	54.5
687.518333	31.76	46	14.24	V	-19.8	51.56

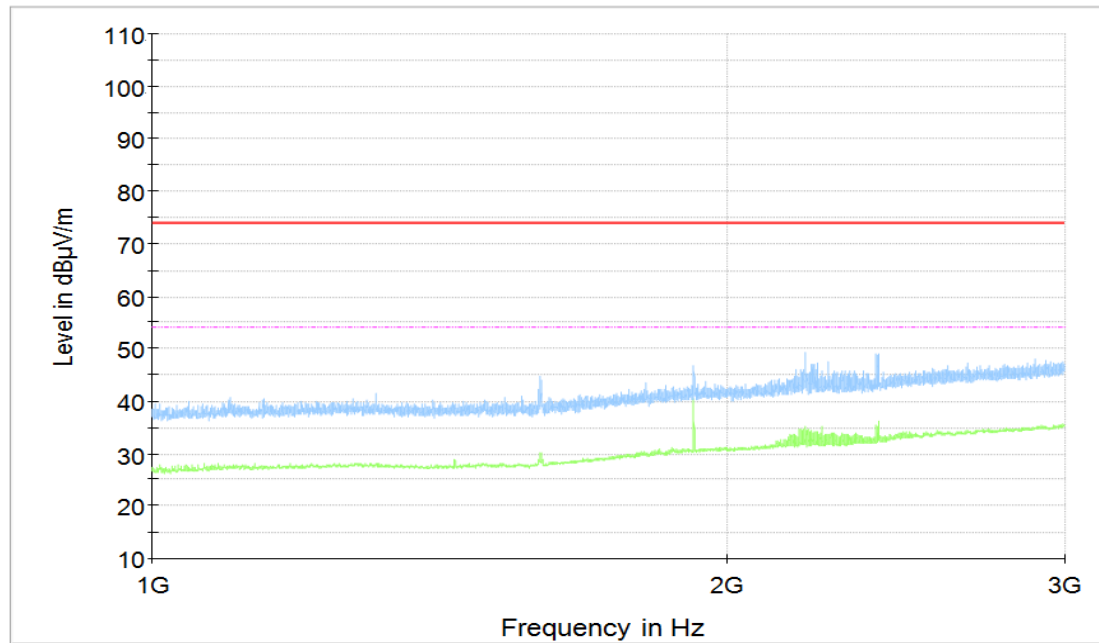


Figure A.67 Radiated Emission (Set.5, Data Transfer Mode: TF Card to PC, 1GHz to 3GHz)

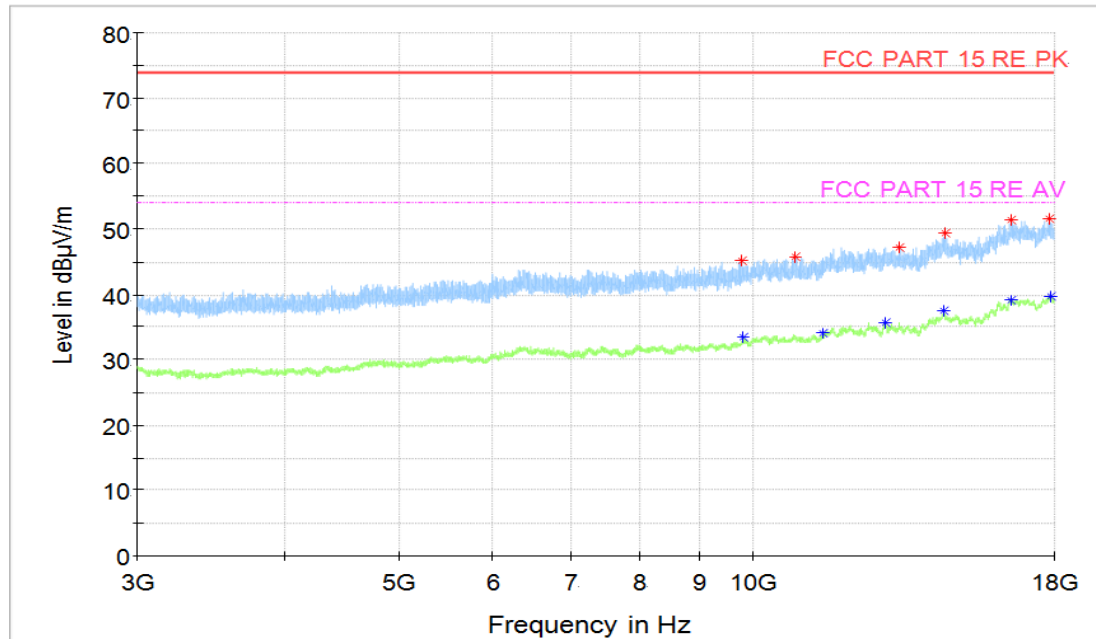


Figure A.68 Radiated Emission (Set.5, Data Transfer Mode: TF Card to PC, 3GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBμV)
9791.5	45.18	74	28.82	H	4.2	40.98
10865	45.76	74	28.24	V	5.1	40.66
13321	47.18	74	26.82	H	8.9	38.28
14540	49.37	74	24.63	V	11.4	37.97
16539	51.3	74	22.7	H	14.7	36.6
17819.5	51.61	74	22.39	H	16.2	35.41

Final_Results_AVG

Frequency(MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBμV)
9820	33.37	54	20.63	V	4.4	28.97
11474.5	34.05	54	19.95	H	5.9	28.15
12941.5	35.63	54	18.37	V	8.6	27.03
14506.5	37.57	54	16.43	H	11.5	26.07
16569	39.11	54	14.89	V	14.8	24.31
17893	39.71	54	14.29	H	16.2	23.51

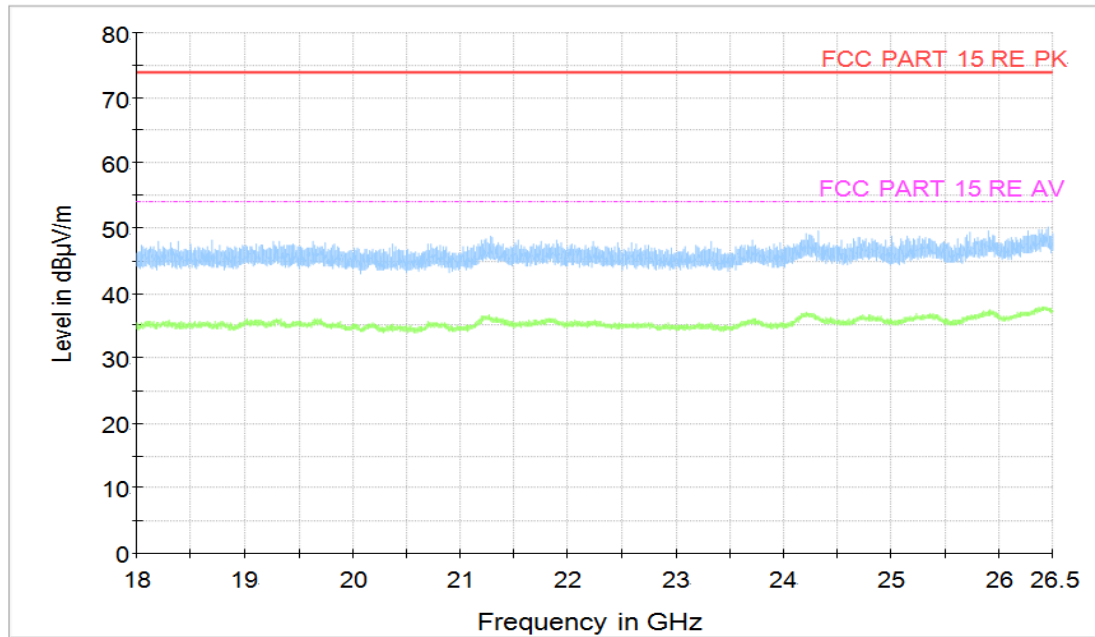


Figure A.69 Radiated Emission (Set.5, Data Transfer Mode: TF Card to PC, 18GHz to 26.5GHz)

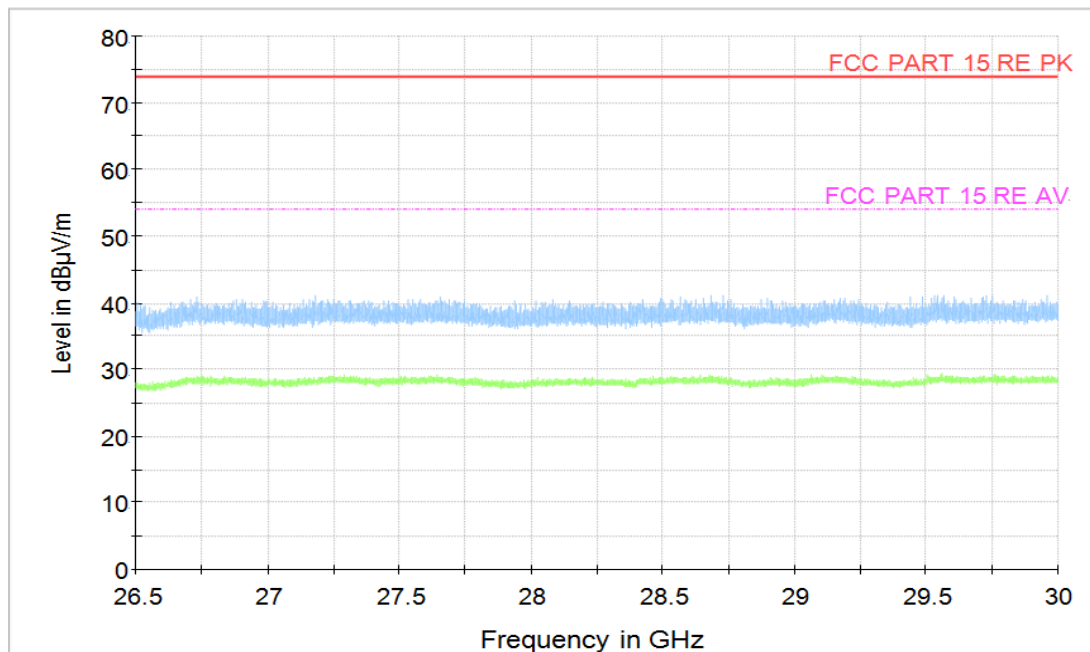


Figure A.70 Radiated Emission (Set.5, Data Transfer Mode: TF Card to PC, 26.5GHz to 30GHz)

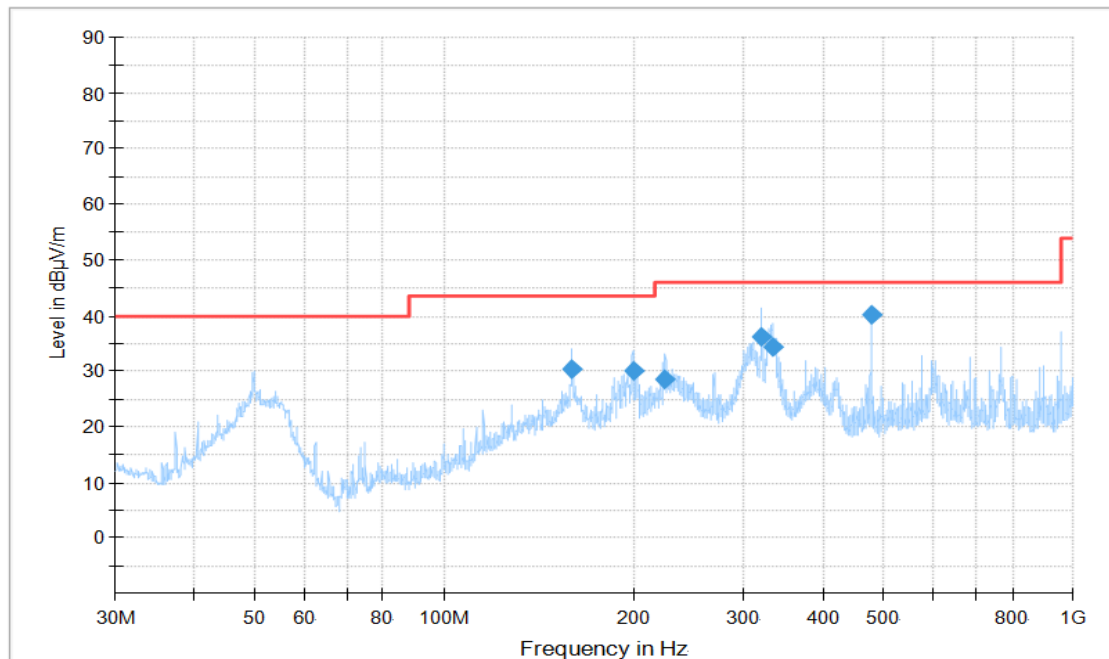


Figure A.71 Radiated Emission (Set.6, Data Transfer Mode: PC to TF Card, 30MHz to 1GHz)

Final_Result

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	ARpl (dB/m)	P _{Mea} (dBμV)
159.906111	30.27	43.5	13.23	H	-33.6	63.87
199.688333	30.04	43.5	13.46	H	-33.1	63.14
224.897778	28.6	46	17.4	H	-32.3	60.9
319.686667	36.16	46	9.84	H	-28.7	64.86
332.795556	34.25	46	11.75	H	-28.3	62.55
479.992222	40.27	46	5.73	H	-23.9	64.17

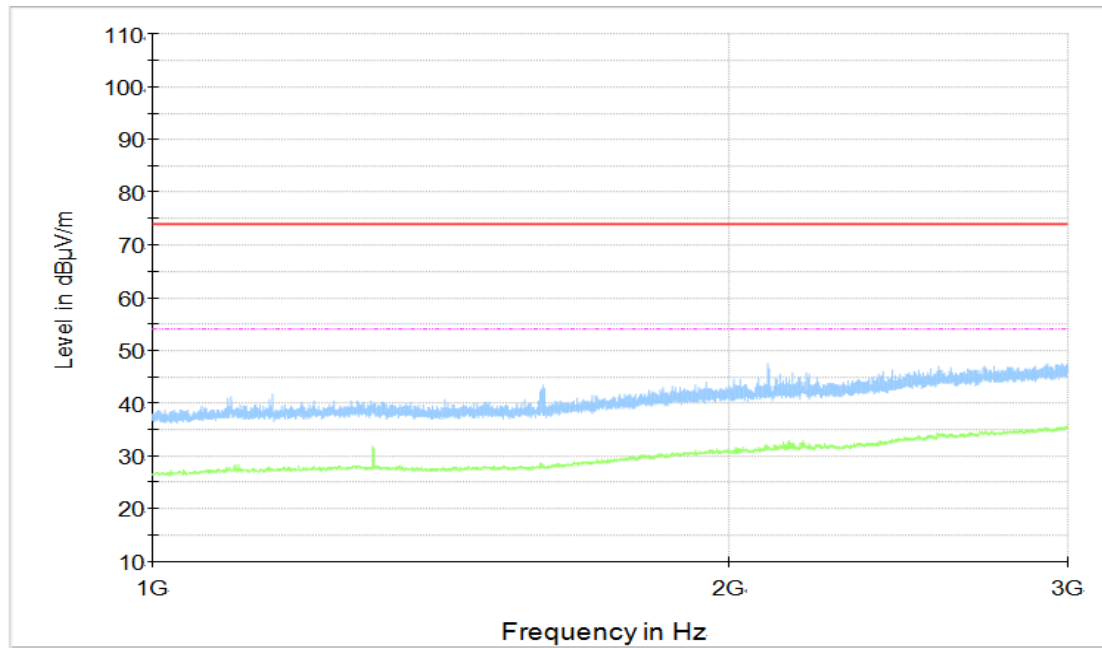


Figure A.72 Radiated Emission (Set.6, Data Transfer Mode: PC to TF Card, 1GHz to 3GHz)

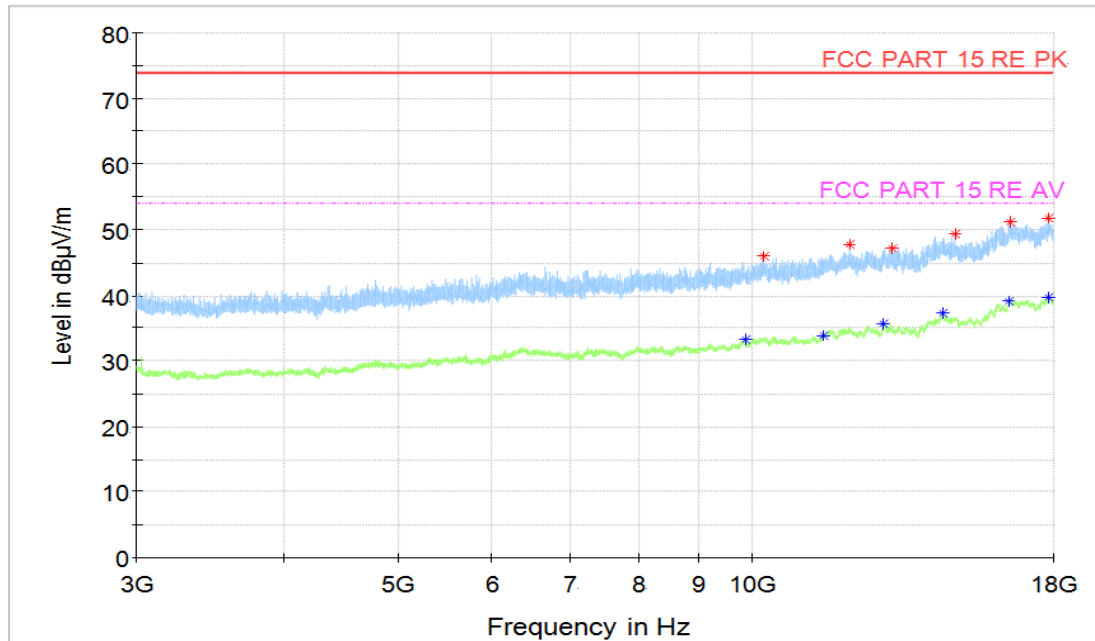


Figure A.73 Radiated Emission (Set.6, Data Transfer Mode: PC to TF Card, 3GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBμV)
10233	45.91	74	28.09	V	5.1	40.81
12077.5	47.73	74	26.27	V	7.4	40.33
13133.5	47.15	74	26.85	H	8.5	38.65
14859	49.34	74	24.66	V	10.8	38.54
16548.5	51.26	74	22.74	H	14.7	36.56
17817.5	51.78	74	22.22	H	16.2	35.58

Final_Results_AVG

Frequency(MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBμV)
9869.5	33.29	54	20.71	V	4.5	28.79
11482.5	33.93	54	20.07	V	5.9	28.03
12932	35.69	54	18.31	H	8.6	27.09
14504	37.28	54	16.72	H	11.5	25.78
16517.5	39.12	54	14.88	H	14.8	24.32
17861.5	39.62	54	14.38	H	16.1	23.52

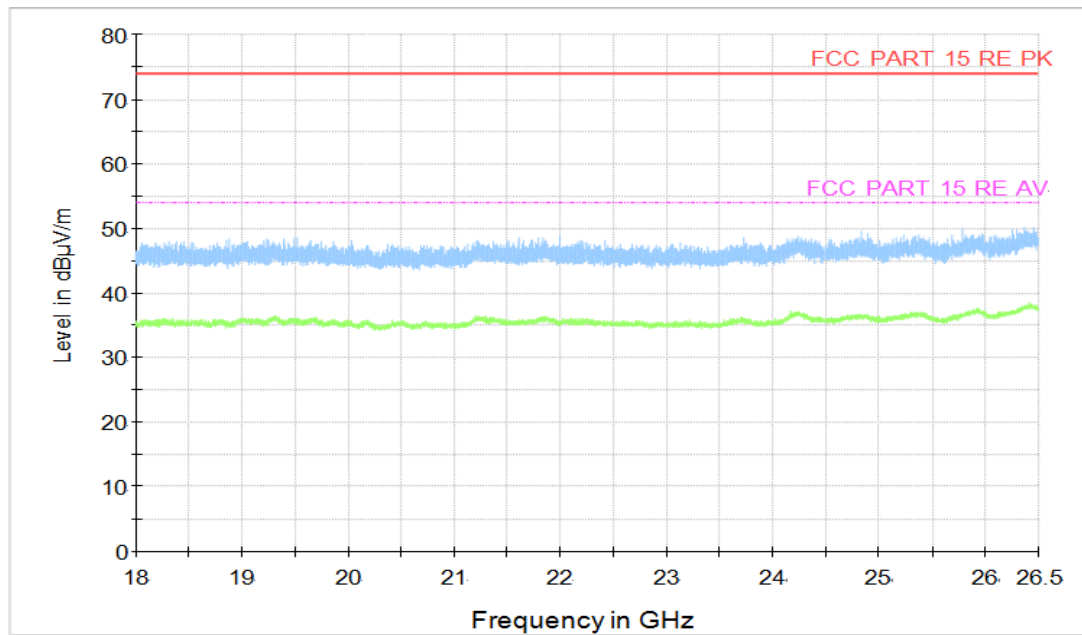


Figure A.74 Radiated Emission (Set.6, Data Transfer Mode: PC to TF Card, 18GHz to 26.5GHz)

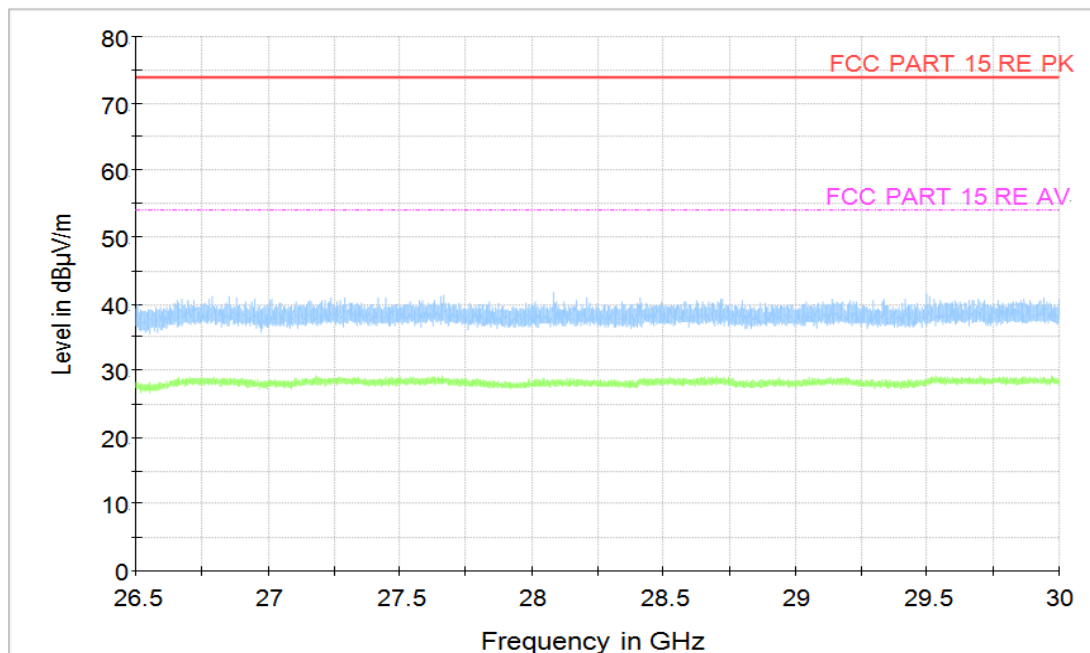


Figure A.75 Radiated Emission (Set.6, Data Transfer Mode: PC to TF Card, 26.5GHz to 30GHz)

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

FCC: CFR Part 15.107(a)

B.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.

B.2.2 EUT Operating Mode:

FM Mode: The EUT is connected to a charger for charging and open FM function.

Camera Mode: 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.

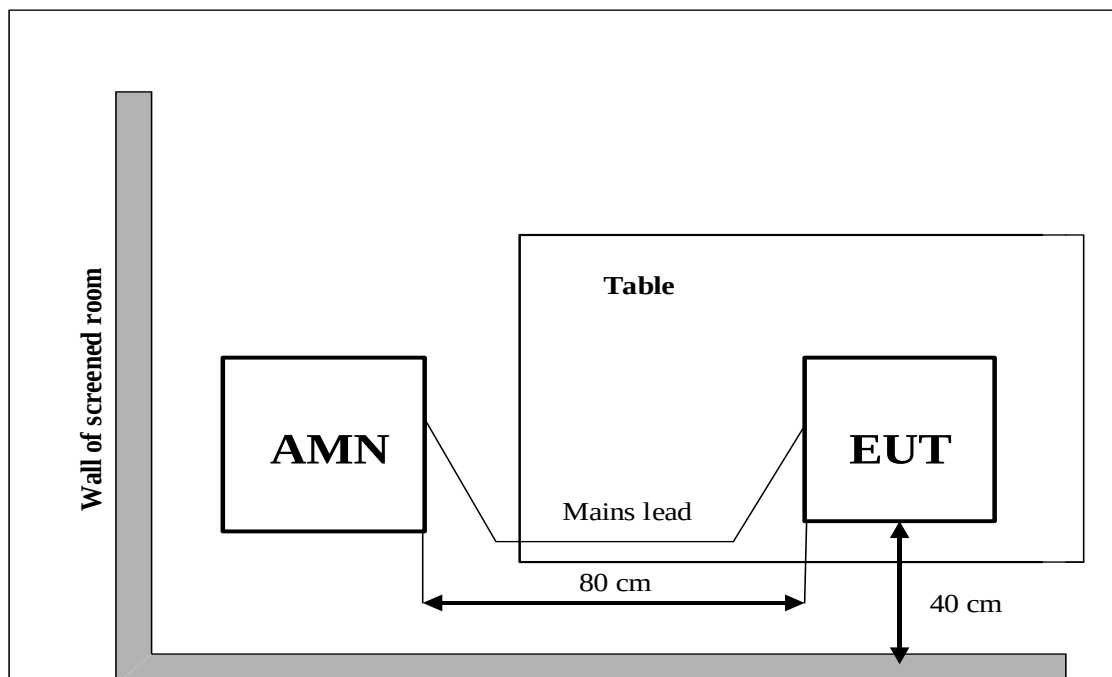
Video Player Mode: The EUT is connected to a charger for charging and keeping on playing mp3.

Data Transfer Mode: 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.

B.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		

B.2.4 Test set-up:



B.2.5 Test Condition in charging mode

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

RBW	Sweep Time(s)
9kHz	1

B.2.6 Measurement Results

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

Where

Corr: PathLoss + Voltage Division Factor

PMea: Measurement result on receiver.

Camera Mode

AC Input Port/ Voltage: 120V/60Hz

Frequency range (MHz)	Quasi-peak Limit (dBμV)	Average Limit (dBμV)	Result (dBμV)	Conclusion
			Set.1	
0.15 to 0.5	66 to 56	56 to 46	See Figure B.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 Mode

AC Input Port/ Voltage: 120V/60Hz

Frequency range (MHz)	Quasi-peak Limit (dBμV)	Average Limit (dBμV)	Result (dBμV)	Conclusion
			Set.1	
0.15 to 0.5	66 to 56	56 to 46	See Figure B.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 Mode

AC Input Port/ Voltage: 120V/60Hz

Frequency range (MHz)	Quasi-peak Limit (dBμV)	Average Limit (dBμV)	Result (dBμV)	Conclusion
			Set.3	
0.15 to 0.5	66 to 56	56 to 46	See Figure B.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 Mode

AC Input Port/ Voltage: 120V/60Hz

Frequency range (MHz)	Quasi-peak Limit (dBμV)	Average Limit (dBμV)	Result (dBμV)	Conclusion
			Set.4	
0.15 to 0.5	66 to 56	56 to 46	See Figure B.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 Mode

AC Input Port/ Voltage: 120V/60Hz

Frequency range (MHz)	Quasi-peak Limit (dBμV)	Average Limit (dBμV)	Result (dBμV)	Conclusion
			Set.5	
0.15 to 0.5	66 to 56	56 to 46	See Figure B.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 Mode

AC Input Port/ Voltage: 120V/60Hz

Frequency range (MHz)	Quasi-peak Limit (dBμV)	Average Limit (dBμV)	Result (dBμV)	Conclusion
			Set.6	
0.15 to 0.5	66 to 56	56 to 46	See Figure B.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 Mode

AC Input Port/ Voltage: 240V/60Hz

Frequency range (MHz)	Quasi-peak Limit (dBμV)	Average Limit (dBμV)	Result (dBμV)	Conclusion
			Set.1	
0.15 to 0.5	66 to 56	56 to 46	See Figure B.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 Mode

AC Input Port/ Voltage: 240V/60Hz

Frequency range (MHz)	Quasi-peak Limit (dBμV)	Average Limit (dBμV)	Result (dBμV)	Conclusion
			Set.1	
0.15 to 0.5	66 to 56	56 to 46	See Figure B.8	P
0.5 to 5	56	46		
5 to 30	60	50		
NOTE: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.				

FM Mode

AC Input Port/ Voltage: 240V/60Hz

Frequency range (MHz)	Quasi-peak Limit (dBμV)	Average Limit (dBμV)	Result (dBμV)	Conclusion
			Set.3	
0.15 to 0.5	66 to 56	56 to 46	See Figure B.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 Mode

AC Input Port/ Voltage: 240V/60Hz

Frequency range (MHz)	Quasi-peak Limit (dB μ V)	Average Limit (dB μ V)	Result (dB μ V)	Conclusion
			Set.2	
0.15 to 0.5	66 to 56	56 to 46	See Figure B.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 Mode

AC Input Port/ Voltage: 240V/60Hz

Frequency range (MHz)	Quasi-peak Limit (dB μ V)	Average Limit (dB μ V)	Result (dB μ V)	Conclusion
			Set.5	
0.15 to 0.5	66 to 56	56 to 46	See Figure B.11	P
0.5 to 5	56	46		
5 to 30	60	50		

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

Data Transfer Mode

AC Input Port/ Voltage: 240V/60Hz

Frequency range (MHz)	Quasi-peak Limit (dB μ V)	Average Limit (dB μ V)	Result (dB μ V)	Conclusion
			Set.6	
0.15 to 0.5	66 to 56	56 to 46	See Figure B.12	P
0.5 to 5	56	46		
5 to 30	60	50		

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

AC Input Port/ Voltage: 120V/60Hz

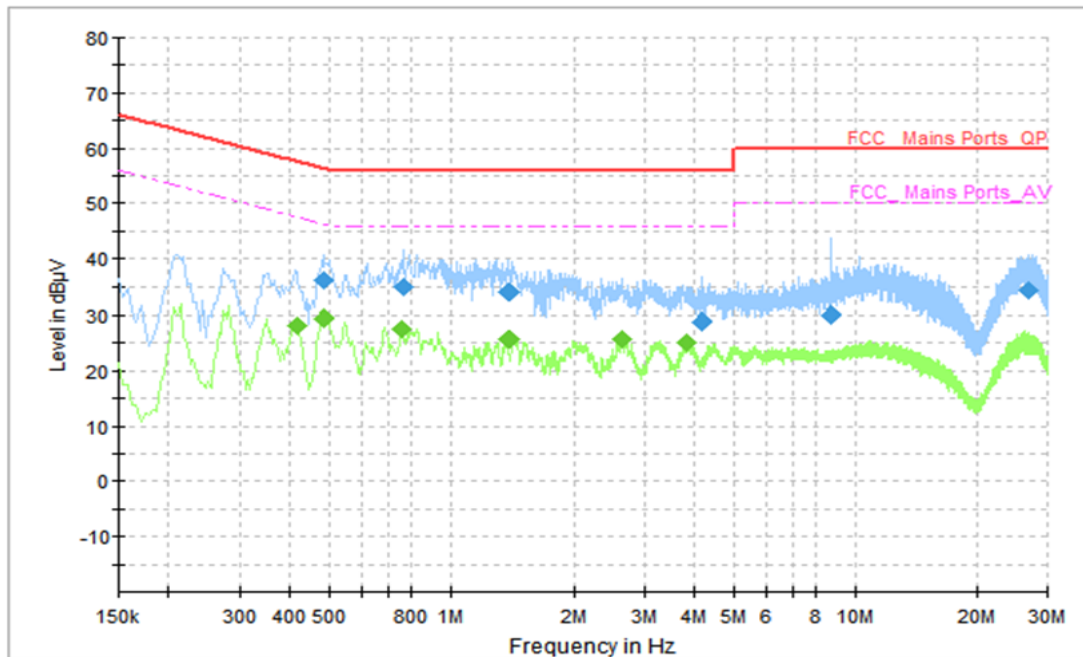


Figure B.1 Conducted Emission(Set.1, Camera Mode)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBμV)
0.482	36.07	56.31	20.23	L1	9.7	26.37
0.762	35	56	21	N	9.7	25.3
1.382	33.98	56	22.02	N	9.7	24.28
4.138	28.83	56	27.17	N	9.7	19.13
8.69	30.02	60	29.98	N	9.8	20.22
26.91	34.3	60	25.7	N	10.2	24.1

Final_Result_AVG

Frequency (MHz)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBμV)
0.414	28.11	47.57	19.46	L1	9.7	18.41
0.482	29.24	46.31	17.07	L1	9.7	19.54
0.758	27.54	46	18.46	L1	9.7	17.84
1.386	25.61	46	20.39	L1	9.7	15.91
2.63	25.86	46	20.14	L1	9.7	16.16
3.81	25.16	46	20.84	L1	9.7	15.46

AC Input Port/ Voltage: 120V/60Hz

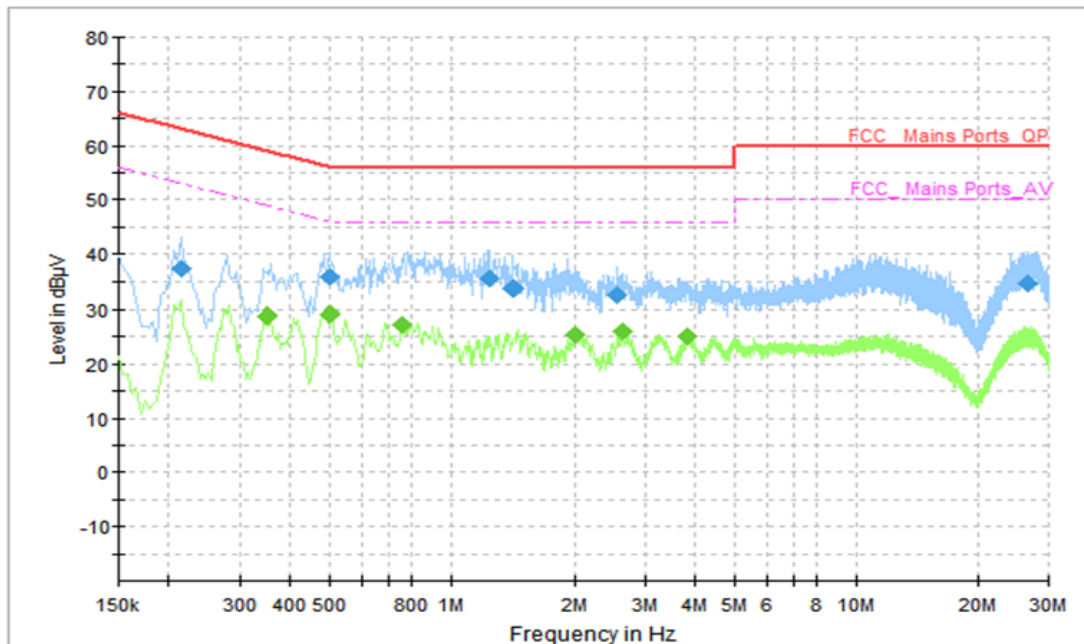


Figure B.2 Conducted Emission(Set.1, Video Player Mode)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBμV)
0.214	37.35	63.05	25.7	N	9.6	27.75
0.498	35.8	56.03	20.23	L1	9.7	26.1
1.246	35.36	56	20.64	N	9.7	25.66
1.422	33.53	56	22.47	N	9.7	23.83
2.562	32.41	56	23.59	L1	9.7	22.71
26.598	34.55	60	25.45	N	10.2	24.35

Final_Result_AVG

Frequency (MHz)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBμV)
0.35	28.86	48.96	20.11	L1	9.7	19.16
0.498	29.07	46.03	16.96	L1	9.7	19.37
0.758	27.4	46	18.6	L1	9.7	17.7
2.002	25.41	46	20.59	L1	9.7	15.71
2.63	25.94	46	20.06	L1	9.7	16.24
3.814	25.24	46	20.76	L1	9.7	15.54

AC Input Port/ Voltage: 120V/60Hz

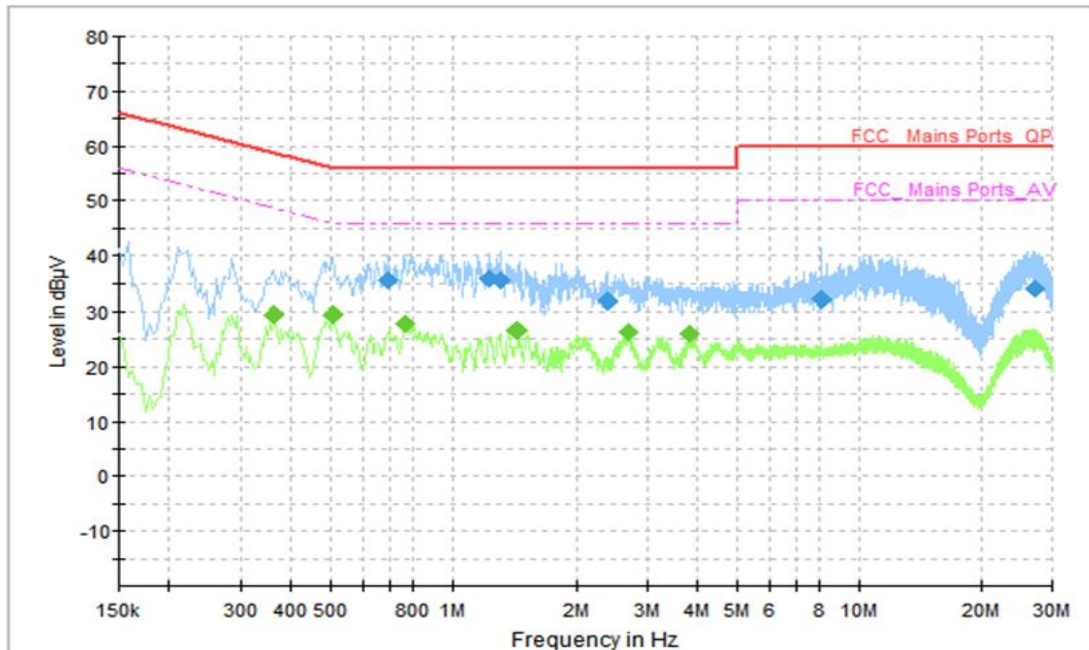


Figure B.3 Conducted Emission(Set.3, FM Mode)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBμV)
0.69	35.41	56	20.59	N	9.7	25.71
1.226	35.86	56	20.14	N	9.7	26.16
1.31	35.48	56	20.52	N	9.7	25.78
2.378	31.79	56	24.21	N	9.7	22.09
8.042	32.1	60	27.9	N	9.8	22.3
27.25	34.06	60	25.94	N	10.2	23.86

Final_Result_AVG

Frequency (MHz)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBμV)
0.362	29.27	48.68	19.41	L1	9.7	19.57
0.506	29.45	46	16.55	L1	9.7	19.75
0.762	27.98	46	18.02	L1	9.7	18.28
1.442	26.5	46	19.5	L1	9.7	16.8
2.702	26.33	46	19.67	L1	9.7	16.63
3.822	25.9	46	20.1	L1	9.7	16.2

AC Input Port/ Voltage: 120V/60Hz

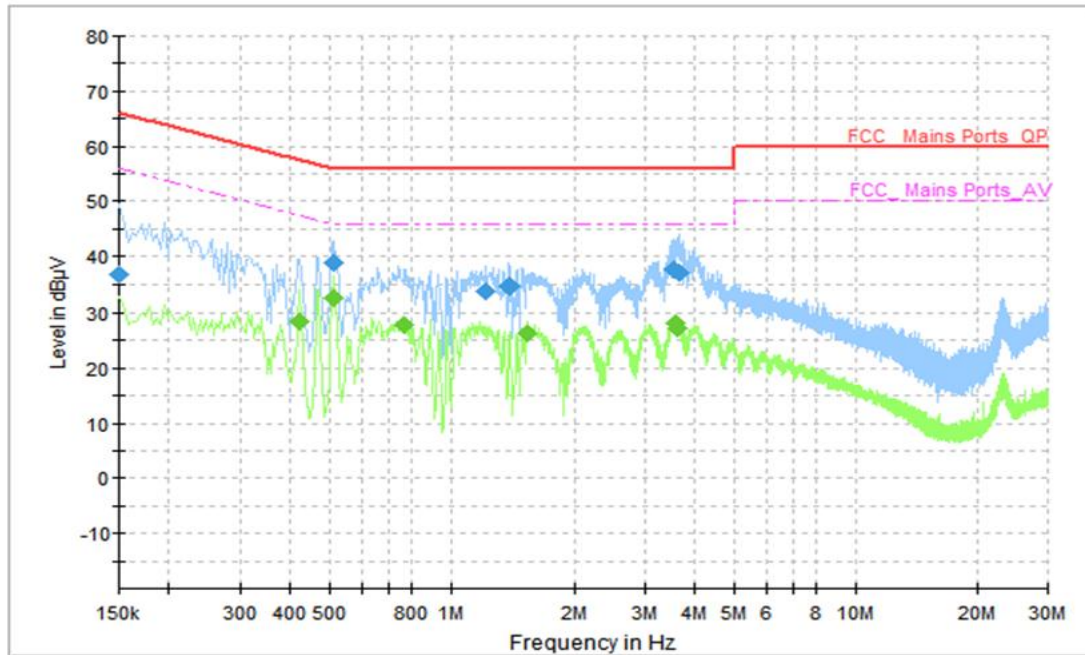


Figure B.4 Conducted Emission(Set.4, FM Mode)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBμV)
0.15	36.83	66	29.17	N	9.6	27.23
0.514	38.98	56	17.02	N	9.7	29.28
1.218	33.56	56	22.44	N	9.7	23.86
1.394	34.62	56	21.38	N	9.7	24.92
3.546	37.55	56	18.45	N	9.7	27.85
3.654	37.02	56	18.98	N	9.7	27.32

Final_Result_AVG

Frequency (MHz)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBμV)
0.422	28.34	47.41	19.07	N	9.7	18.64
0.514	32.34	46	13.66	N	9.7	22.64
0.766	27.85	46	18.15	N	9.7	18.15
1.538	26.3	46	19.7	N	9.7	16.6
3.574	28.03	46	17.97	N	9.7	18.33
3.618	27.37	46	18.63	N	9.7	17.67

AC Input Port/ Voltage: 120V/60Hz

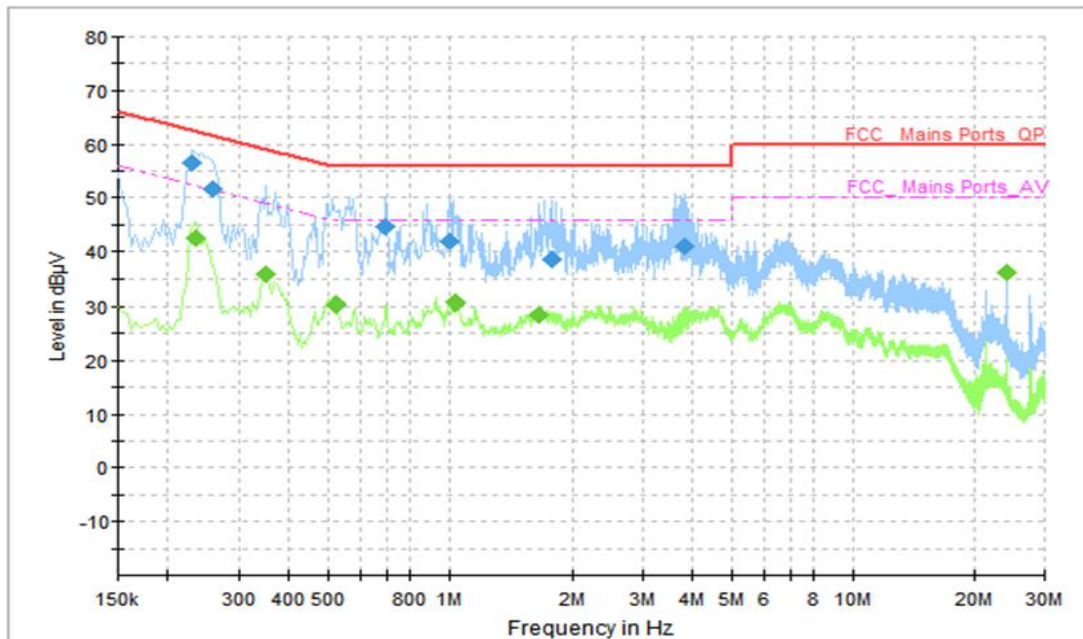


Figure B.5 Conducted Emission(Set.5, Data Transfer Mode)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBμV)
0.23	56.55	62.45	5.9	L1	9.7	46.85
0.258	51.78	61.5	9.72	L1	9.7	42.08
0.694	44.68	56	11.32	N	9.7	34.98
0.998	41.8	56	14.2	N	9.7	32.1
1.774	38.59	56	17.41	L1	9.7	28.89
3.806	41.06	56	14.94	N	9.7	31.36

Final_Result_AVG

Frequency (MHz)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBμV)
0.234	42.36	52.31	9.95	N	9.6	32.76
0.35	35.89	48.96	13.07	L1	9.7	26.19
0.522	30.33	46	15.67	N	9.7	20.63
1.038	30.65	46	15.35	L1	9.7	20.95
1.658	28.34	46	17.66	N	9.7	18.64
24.07	36.14	50	13.86	L1	10.1	26.04

AC Input Port/ Voltage: 120V/60Hz

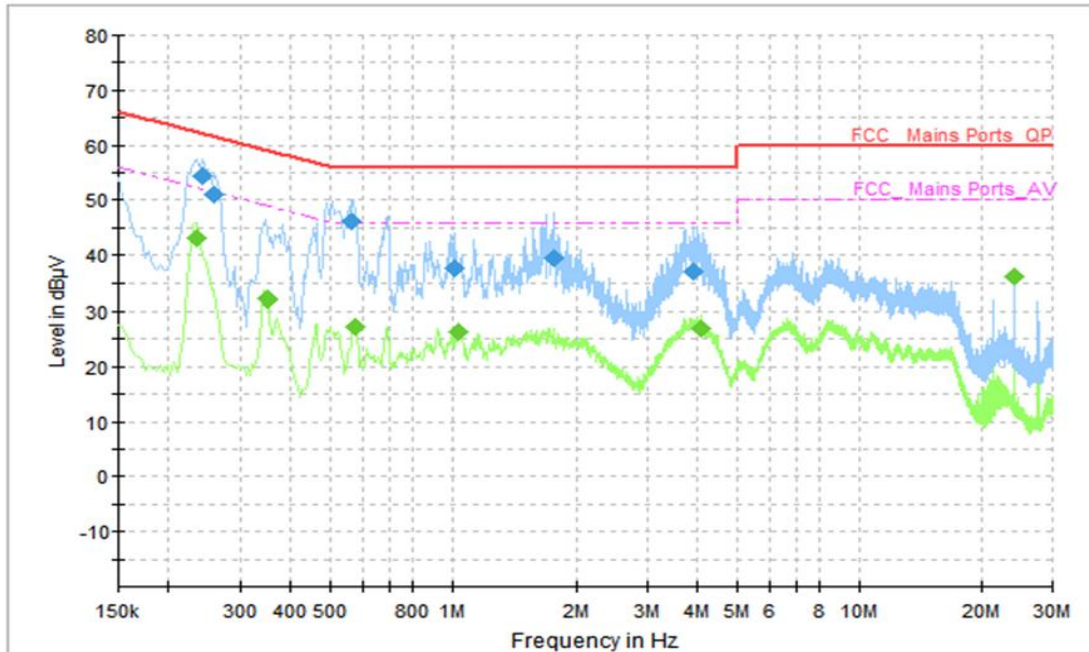


Figure B.6 Conducted Emission(Set.6, Data Transfer Mode)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBμV)
0.242	54.27	62.03	7.76	L1	9.7	44.57
0.258	50.97	61.5	10.53	L1	9.7	41.27
0.562	46.25	56	9.75	N	9.7	36.55
1.01	37.54	56	18.46	N	9.7	27.84
1.766	39.38	56	16.62	L1	9.7	29.68
3.902	36.93	56	19.07	L1	9.7	27.23

Final_Result_AVG

Frequency (MHz)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBμV)
0.234	43.15	52.31	9.15	L1	9.7	33.45
0.35	32.09	48.96	16.87	L1	9.7	22.39
0.574	27.4	46	18.6	N	9.7	17.7
1.038	26.48	46	19.52	L1	9.7	16.78
4.07	26.81	46	19.19	N	9.7	17.11
24.07	36.15	50	13.85	L1	10.1	26.05

AC Input Port/ Voltage: 240V/60Hz

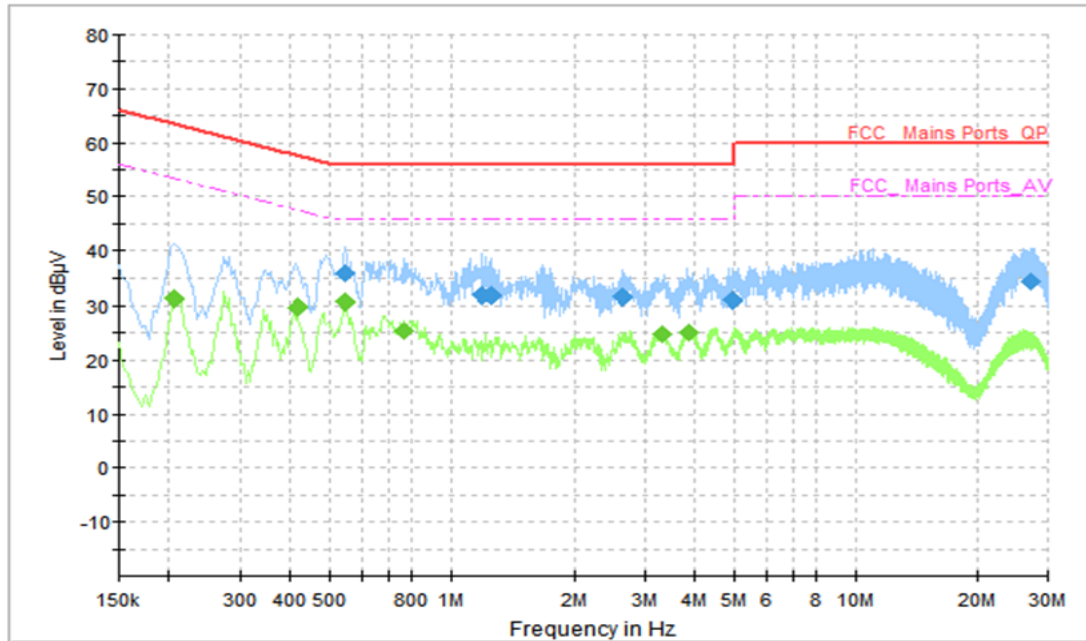


Figure B.7 Conducted Emission(Set.1, Camera Mode)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBμV)
0.546	35.67	56	20.33	N	9.7	25.97
1.198	31.77	56	24.23	N	9.7	22.07
1.254	31.79	56	24.21	N	9.7	22.09
2.638	31.51	56	24.49	N	9.7	21.81
4.922	30.92	56	25.08	N	9.7	21.22
27.306	34.27	60	25.73	L1	10	24.27

Final_Result_AVG

Frequency (MHz)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBμV)
0.206	31.23	53.37	22.13	N	9.6	21.63
0.414	29.55	47.57	18.02	N	9.7	19.85
0.546	30.5	46	15.51	N	9.7	20.8
0.762	25.54	46	20.46	N	9.7	15.84
3.306	24.87	46	21.13	N	9.7	15.17
3.87	25.21	46	20.79	N	9.7	15.51

AC Input Port/ Voltage: 240V/60Hz

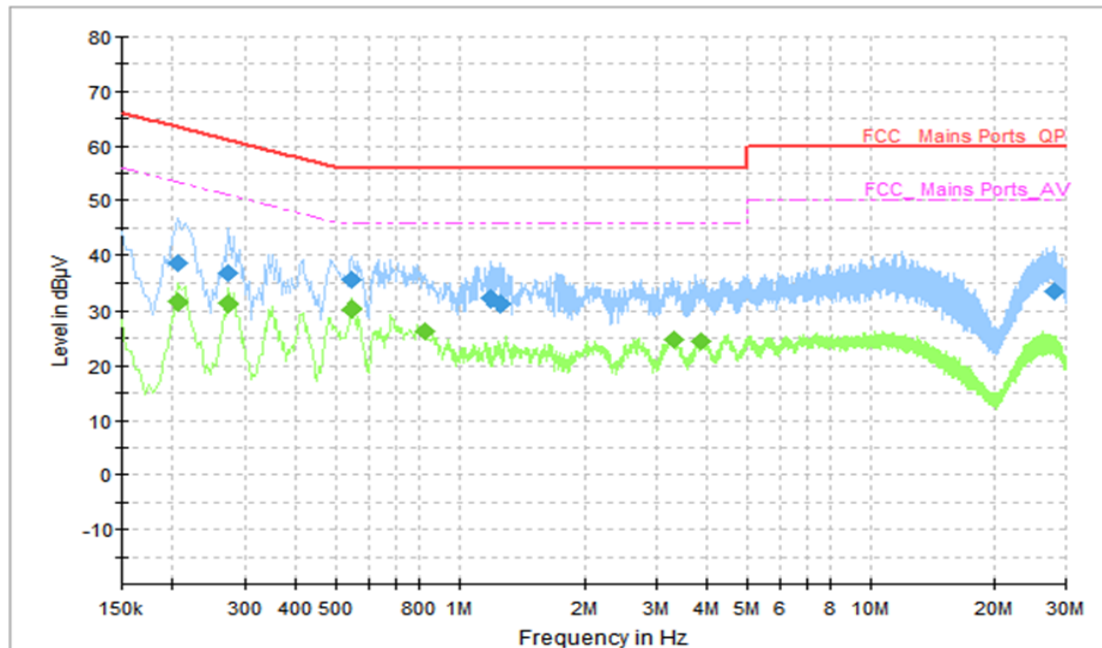


Figure B.8 Conducted Emission(Set.1, Video Player Mode)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBμV)
0.206	38.68	63.37	24.69	N	9.6	29.08
0.274	36.66	61	24.34	N	9.6	27.06
0.546	35.56	56	20.44	N	9.7	25.86
1.198	32.01	56	23.99	N	9.7	22.31
1.258	31.24	56	24.76	N	9.7	21.54
27.966	33.5	60	26.5	L1	10	23.5

Final_Result_AVG

Frequency (MHz)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBμV)
0.206	31.54	53.37	21.82	N	9.6	21.94
0.274	31.19	51	19.81	N	9.6	21.59
0.546	30.31	46	15.69	N	9.7	20.61
0.822	26.43	46	19.57	N	9.7	16.73
3.31	24.67	46	21.33	N	9.7	14.97
3.846	24.62	46	21.38	N	9.7	14.92

AC Input Port/ Voltage: 240V/60Hz

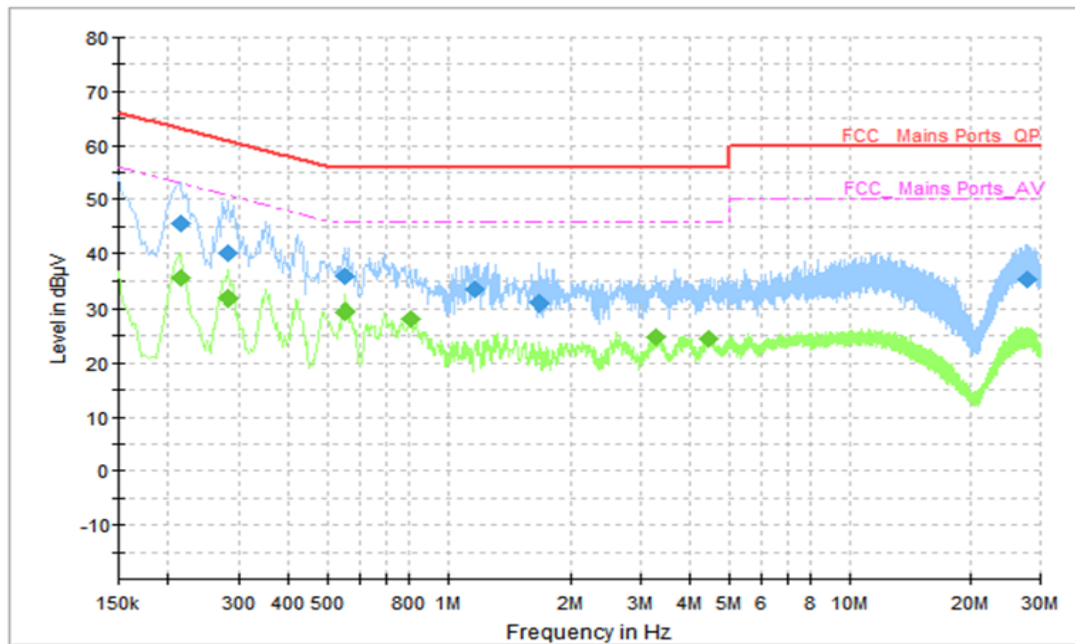


Figure B.9 Conducted Emission(Set.3, FM Mode)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBμV)
0.214	45.63	63.05	17.42	N	9.6	36.03
0.282	40.15	60.76	20.61	N	9.6	30.55
0.554	35.8	56	20.2	N	9.7	26.1
1.166	33.36	56	22.64	N	9.7	23.66
1.678	30.83	56	25.17	N	9.7	21.13
27.782	35.24	60	24.76	L1	10	25.24

Final_Result_AVG

Frequency (MHz)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBμV)
0.214	35.46	53.05	17.58	N	9.6	25.86
0.282	31.68	50.76	19.07	N	9.6	22.08
0.554	29.3	46	16.7	N	9.7	19.6
0.806	28.07	46	17.94	N	9.7	18.37
3.274	24.82	46	21.18	N	9.7	15.12
4.422	24.44	46	21.56	N	9.7	14.74

AC Input Port/ Voltage: 240V/60Hz

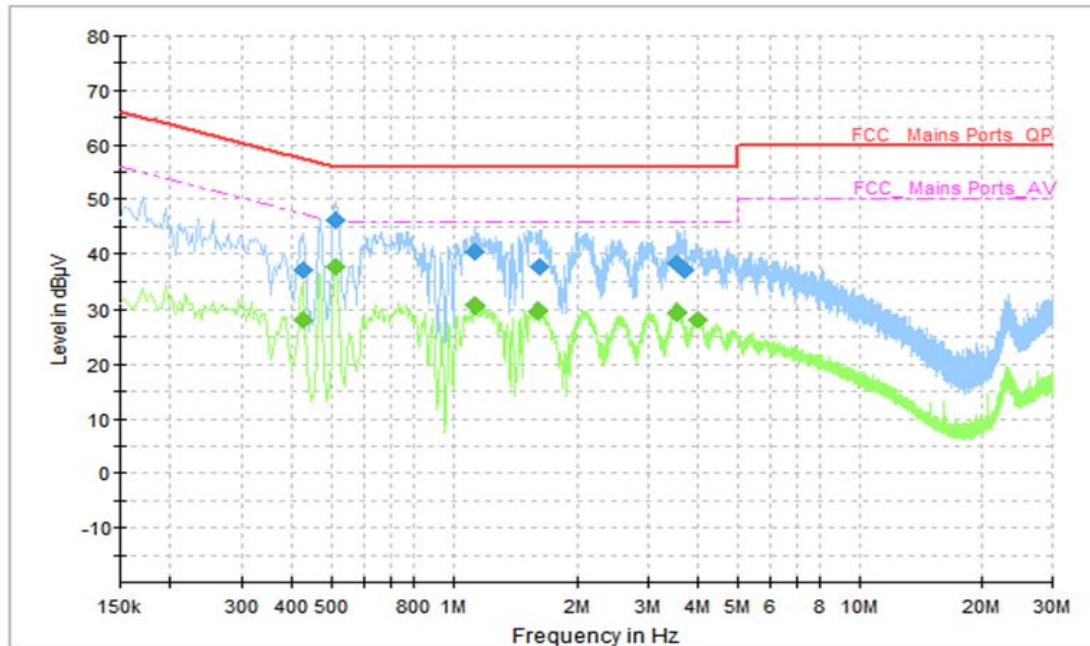


Figure B.10 Conducted Emission(Set.2, Camera Mode)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBμV)
0.426	37.09	57.33	20.24	N	9.7	27.39
0.51	46.08	56	9.92	N	9.7	36.38
1.126	40.43	56	15.57	N	9.7	30.73
1.614	37.58	56	18.42	N	9.7	27.88
3.534	38.1	56	17.9	L1	9.7	28.4
3.686	36.95	56	19.05	L1	9.7	27.25

Final_Result_AVG

Frequency (MHz)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBμV)
0.426	28.16	47.33	19.17	N	9.7	18.46
0.51	37.63	46	8.37	N	9.7	27.93
1.134	30.47	46	15.53	L1	9.7	20.77
1.598	29.73	46	16.27	L1	9.7	20.03
3.542	29.41	46	16.59	L1	9.7	19.71
4.002	28.27	46	17.73	L1	9.7	18.57

AC Input Port/ Voltage: 240V/60Hz

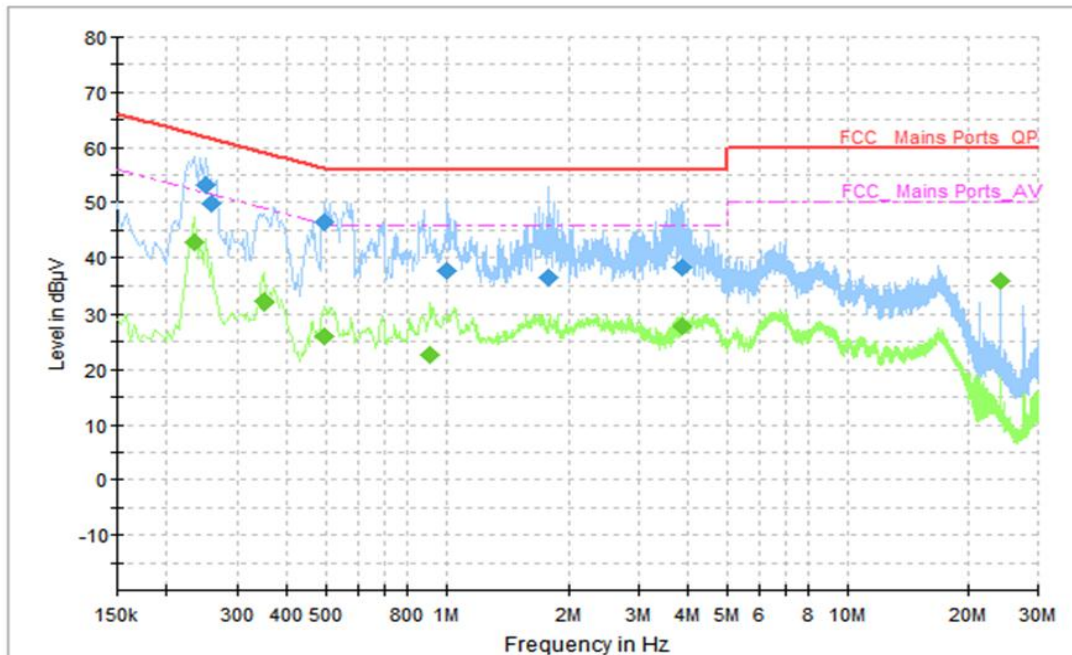


Figure B.11 Conducted Emission(Set.5, Data Transfer Mode)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBμV)
0.25	53.15	61.76	8.61	L1	9.7	43.45
0.258	49.78	61.5	11.72	N	9.6	40.18
0.494	46.53	56.1	9.57	N	9.7	36.83
1.002	37.69	56	18.31	N	9.7	27.99
1.774	36.55	56	19.45	N	9.7	26.85
3.874	38.22	56	17.78	L1	9.7	28.52

Final_Result_AVG

Frequency (MHz)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBμV)
0.234	42.83	52.31	9.48	L1	9.7	33.13
0.35	32.1	48.96	16.86	L1	9.7	22.4
0.494	26.18	46.1	19.92	N	9.7	16.48
0.914	22.65	46	23.35	N	9.7	12.95
3.834	27.87	46	18.13	L1	9.7	18.17
24.07	35.9	50	14.1	L1	10.1	25.8

AC Input Port/ Voltage: 240V/60Hz

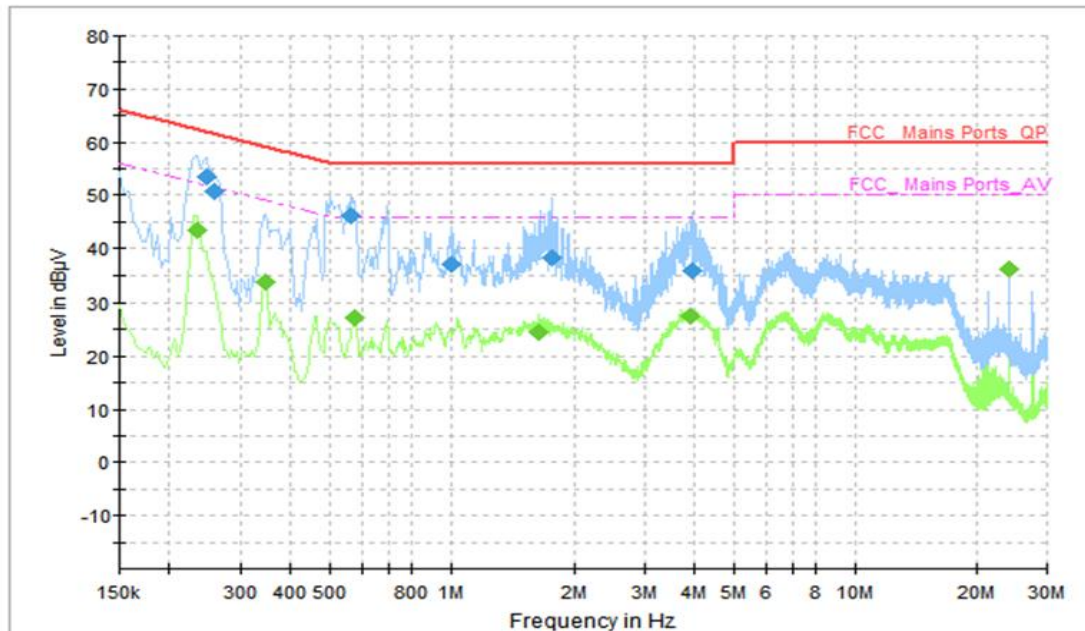


Figure B.12 Conducted Emission(Set.6, Data Transfer Mode)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBμV)
0.246	53.62	61.89	8.27	N	9.6	44.02
0.258	50.86	61.5	10.63	L1	9.7	41.16
0.562	46.1	56	9.9	N	9.7	36.4
1.006	37	56	19	L1	9.7	27.3
1.766	38.15	56	17.85	L1	9.7	28.45
3.938	35.84	56	20.16	L1	9.7	26.14

Final_Result_AVG

Frequency (MHz)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBμV)
0.234	43.31	52.31	8.99	L1	9.7	33.61
0.346	33.56	49.06	15.5	L1	9.7	23.86
0.578	27.19	46	18.81	N	9.7	17.49
1.638	24.63	46	21.37	N	9.7	14.93
3.886	27.52	46	18.48	L1	9.7	17.82
24.07	36.19	50	13.81	N	10.3	25.89

END OF REPORT