



TEST REPORT

No.I20N02014-EMC

for

TCL Communication Ltd.

10 inch wifi tablet

Model Name: 8092

With

Hardware Version: 1.2

Software Version: DB9

FCC ID: 2ACCJB133

Issued Date: 2020-08-24

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
I20N02014-EMC	Rev.0	1st edition	2020-08-24

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	10 inch wifi tablet
Model Name	8092
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: 2020-07-23

Testing End Date: 2020-08-18

1.6. Signature

Ma Shoujian
(Prepared this test report)

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(Reviewed this test report)

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2. ClientInformation

2.1. Applicant Information

Company Name: TCL Communication Ltd.
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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	10 inch wifi tablet
Model Name	8092
FCC ID	2ACCJB133
Antenna Type	Internal Antenna
Condition of EUT as received	No obvious damage in appearance

This device does not contain the receivers which tune and operate between 30MHz-960MHz.

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
UT03aa	F05136CAEC9B134	1.2	DB9	2020-08-04

*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

AE1

Model	TLp040M7
Manufacturer	VEKEN
Capacity	4000mAh
Nominal Voltage	3.85v

AE2-1

Model	CBA0058AGAC5
Manufacturer	PUAN

AE2-2

Model	CBA0058AGAC7
Manufacturer	chenyang

AE3-1

Model	CDA0000123C1
Manufacturer	JUWEI

AE3-2



Model CDA0000123C8
Manufacturer PUAN

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

AE: ancillary equipment

AE2: There is just one internal circuit of charger, and the plug of the charger can be replaced to meet worldwide country's requirement.

3.4. EUT set-ups

EUT set-up No.	Combination of EUT and AE	Remarks
Set.1	UT03aa+AE1-1+AE2-1+AE3-1	/
Set.2	UT03aa+AE1-1+AE2-2+AE3-2	/
Set.3	UT03aa+AE1-1+AE3-1+PC	Data Transfer Mode
Set.4	UT03aa+AE1-1+AE3-2+PC	Date Transfer Mode

3.5. General Description

The Equipment Under Test (EUT) is a model of 10 inch wifi tablet with internal antenna.

It has Camera, Video Player, 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°C
Relative Humidity: 20~75%
Atmospheric pressure 86~106kPa

6.2. Summary of Measurement Results

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

Items	Test Name	Clause in FCC	Section in this report	Verdict
1	Radiated Emission	15.109(a)	A.1	P
2	Conducted Emission	15.107(a)	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	2021.08.09	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	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.	Chamber	FACT3-2.0	1285	ETS-Lindgren	2021.07.19	2 years
10.	Software	EMC32	V10.01.00	R&S	/	/
11.	PC	ThinkPad T480	PF-13LW0C	Lenovo	/	/
12.	Printer	P1008	VNF6C12491	HP	/	/
13.	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:

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.

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

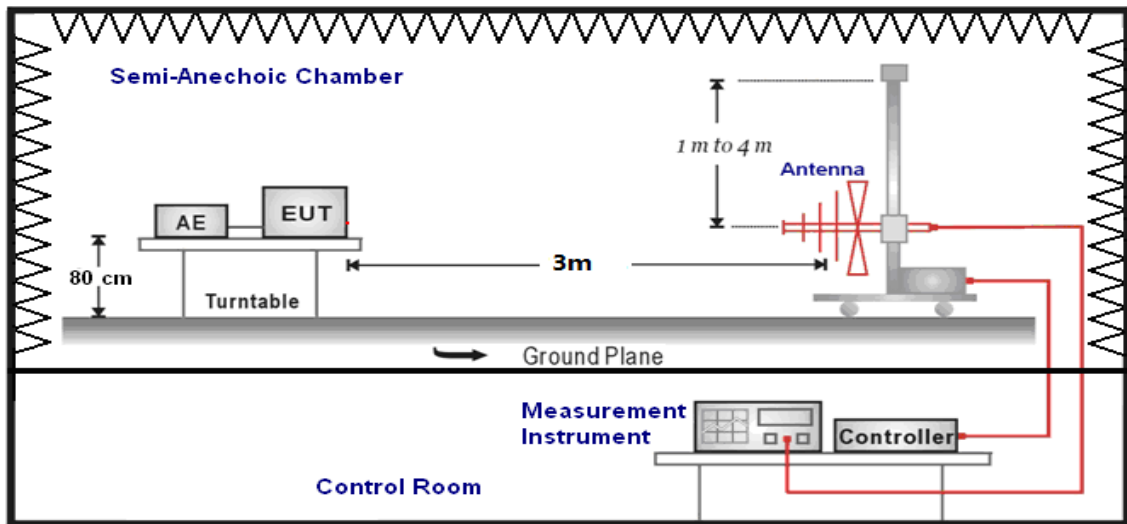
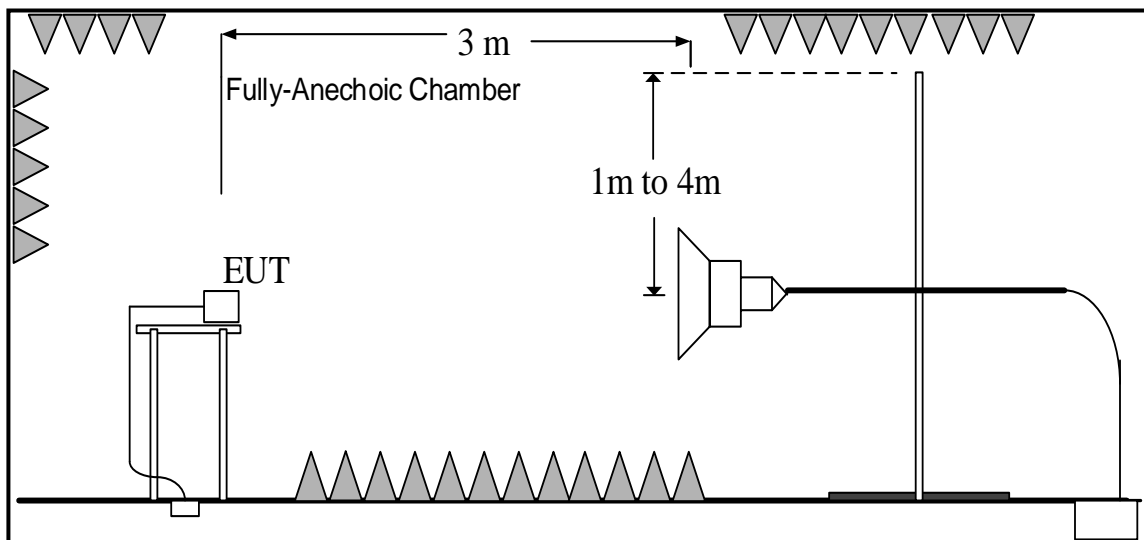
Limit from CFR Part 15.109(a)

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

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

A.1.4 Test Condition

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

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

1GHz-18GHz


A.1.6 Measurement Results

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

The measurement results are obtained as described below:

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

Where

G_A : Antenna factor of receive antenna

G_{PL} : Path Loss

P_{Mea} : Measurement result on receiver.

Result: Quasi-Peak (dB μ V/m) / Average (dB μ V/m) / Peak (dB μ V/m)

Note: the result contains vertical part and Horizontal part

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.1	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 18000	54	74	See Figure A.2	P

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.3	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 18000	54	74	See Figure A.4	P

Video Player Mode

Frequency range (MHz)	Quasi-Peak Limit (dB μ V/m)	Result (dB μ V/m)	Conclusion
		Set.2	
30-88	40	See Figure A.5	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.2	
1000 to 18000	54	74	See Figure A.6	P

Data Transfer Mode: EUT to PC

Frequency range (MHz)	Quasi-Peak Limit (dB μ V/m)	Result (dB μ V/m)	Conclusion
		Set.3	
30-88	40	See Figure A.7	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 18000	54	74	See Figure A.8	P

Data Transfer Mode: PC to EUT

Frequency range (MHz)	Quasi-Peak Limit (dB μ V/m)	Result (dB μ V/m)	Conclusion
		Set.3	
30-88	40	See Figure A.9	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 18000	54	74	See Figure A.10	P

Data Transfer Mode: PC to TF

Frequency range (MHz)	Quasi-Peak Limit (dB μ V/m)	Result (dB μ V/m)	Conclusion
		Set.3	
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)	Conclusion
			Set.3	
1000 to 18000	54	74	See Figure A.12	P

Data Transfer Mode: TF to EUT

Frequency range (MHz)	Quasi-Peak Limit (dB μ V/m)	Result (dB μ V/m)	Conclusion
		Set.3	
30-88	40	See Figure A.13	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 18000	54	74	See Figure A.14	P

Data Transfer Mode: PC to EUT

Frequency range (MHz)	Quasi-Peak Limit (dB μ V/m)	Result (dB μ V/m)	Conclusion
		Set.4	
30-88	40	See Figure A.15	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 18000	54	74	See Figure A.16	P

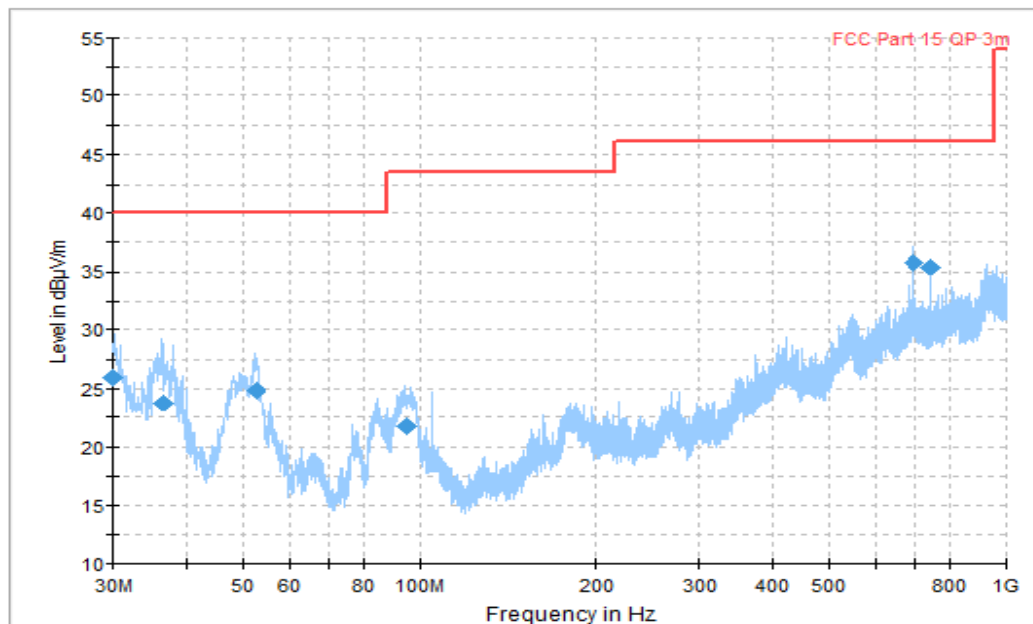


Figure A.1 Radiated Emission (Set.1,Camera Mode, 30MHz to 1GHz)

Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	ARpl (dB/m)	P _{Mea} (dBµV)
30.000000	25.91	40.00	14.09	V	-6.2	32.11
36.605000	23.79	40.00	16.21	V	-10.0	33.79
52.753889	24.86	40.00	15.14	V	-15.6	40.46
94.805556	21.73	43.50	21.77	V	-14.6	36.33
695.982778	35.78	46.00	10.22	H	1.1	34.68
743.997778	35.43	46.00	10.57	H	0.3	35.13

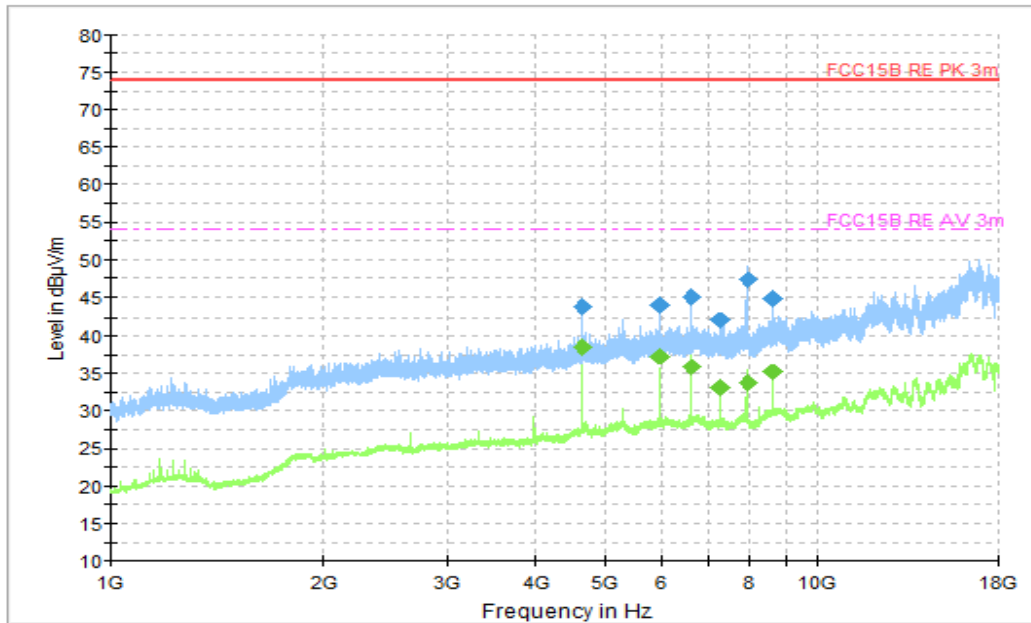


Figure A.2 Radiated Emission (Set.1, Camera Mode , 1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBµV)
4641.500000	43.89	74.00	30.11	V	-0.1	43.99
5966.500000	44.10	74.00	29.90	V	2.7	41.40
6629.500000	45.00	74.00	29.00	V	3.3	41.70
7292.500000	41.94	74.00	32.06	V	3.5	38.44
7954.000000	47.39	74.00	26.61	V	4.4	42.99
8618.000000	44.95	74.00	29.05	V	5.4	39.55

Final_Results_AVG

Frequency(MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBµV)
4641.000000	38.43	54.00	15.57	V	-0.1	38.53
5967.000000	37.27	54.00	16.73	V	2.7	33.79
6630.000000	35.81	54.00	18.19	V	3.3	40.46
7292.500000	33.14	54.00	20.86	V	3.5	36.33
7956.000000	33.65	54.00	20.35	V	4.4	34.68
8619.000000	35.18	54.00	18.82	V	5.4	35.13

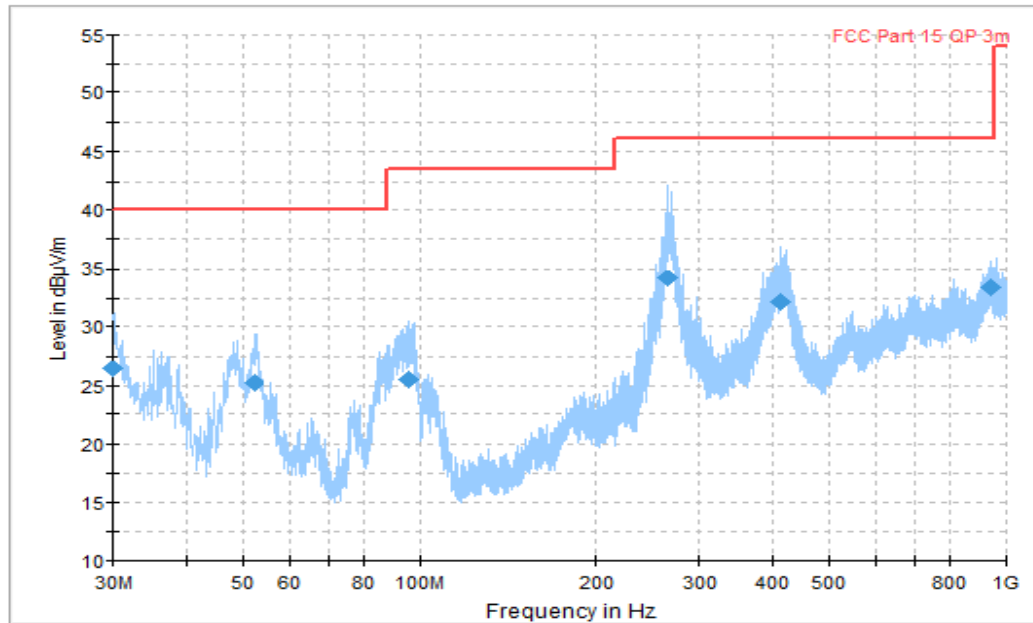


Figure A.3 Radiated Emission (Set.1,Video Player Mode, 30MHz to 1GHz)

Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	ARpl (dB/m)	P _{Mea} (dBµV)
30.090000	26.40	40.00	13.60	V	-6.3	32.70
52.070000	25.16	40.00	14.84	V	-15.5	40.66
95.726111	25.53	43.50	17.97	V	-14.5	40.03
265.004444	34.18	46.00	11.82	H	-7.9	42.08
411.646111	32.14	46.00	13.86	H	-3.6	35.74
945.201111	33.37	46.00	12.63	V	2.9	30.47

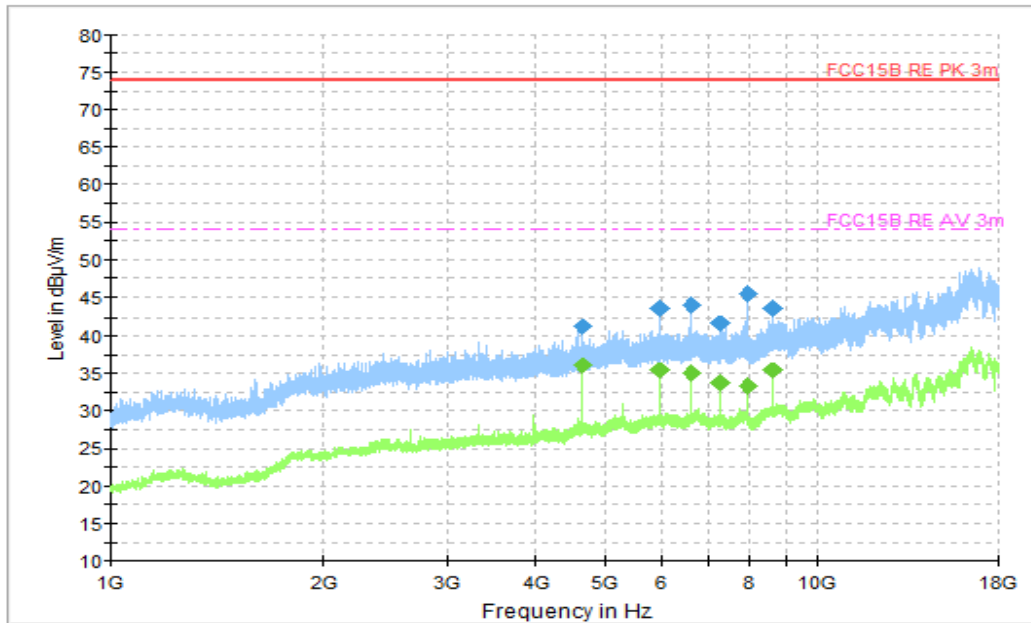


Figure A.4 Radiated Emission (Set.1, Video Player Mode, 1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBµV)
4641.000000	41.16	74.00	32.84	V	-0.1	41.26
5966.500000	43.62	74.00	30.38	V	2.7	40.92
6628.500000	44.00	74.00	30.00	V	3.3	40.70
7293.000000	41.51	74.00	32.49	V	3.5	38.01
7955.000000	45.62	74.00	28.38	V	4.4	41.22
8618.500000	43.70	74.00	30.30	V	5.4	38.30

Final_Results_AVG

Frequency(MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBµV)
4641.000000	36.04	54.00	17.96	V	-0.1	36.14
5967.000000	35.33	54.00	18.67	V	2.7	32.63
6630.000000	35.01	54.00	18.99	V	3.3	31.71
7292.500000	33.60	54.00	20.40	V	3.5	30.10
7956.000000	33.20	54.00	20.80	V	4.4	28.80
8619.000000	35.43	54.00	18.57	V	5.4	30.03

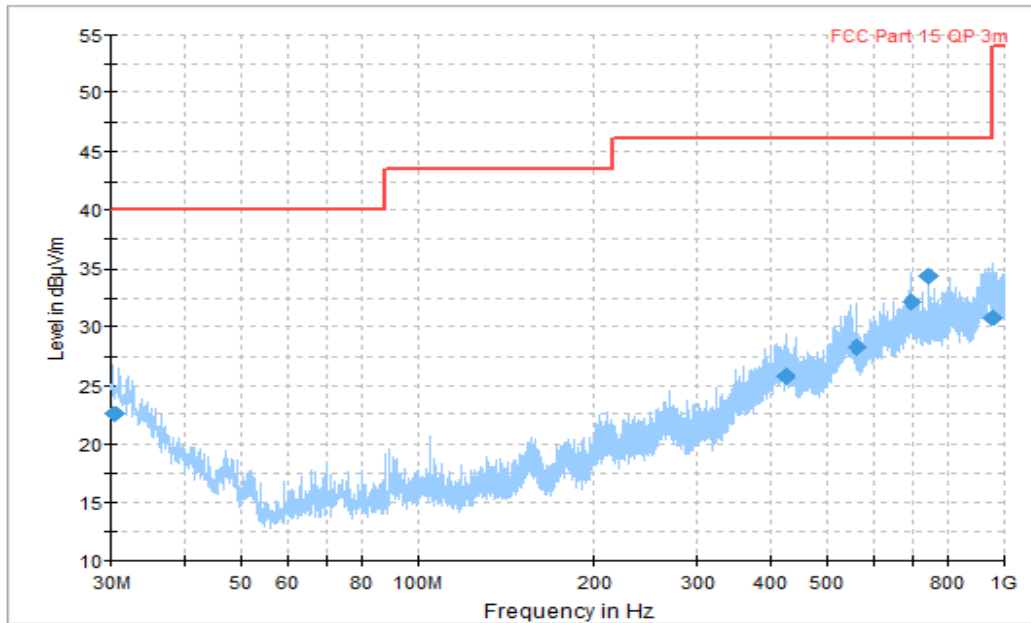


Figure A.5 Radiated Emission (Set.2,Camera Mode, 30MHz to 1GHz)

Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	ARpl (dB/m)	P _{Mea} (dBµV)
30.390000	22.50	40.00	17.50	H	-6.4	28.90
425.988333	25.77	46.00	20.23	V	-4.2	29.97
562.530000	28.28	46.00	17.72	V	-1.8	30.08
695.982778	32.19	46.00	13.81	V	1.1	31.09
743.973889	34.33	46.00	11.67	H	0.3	34.03
954.648333	30.84	46.00	15.16	H	2.6	28.24

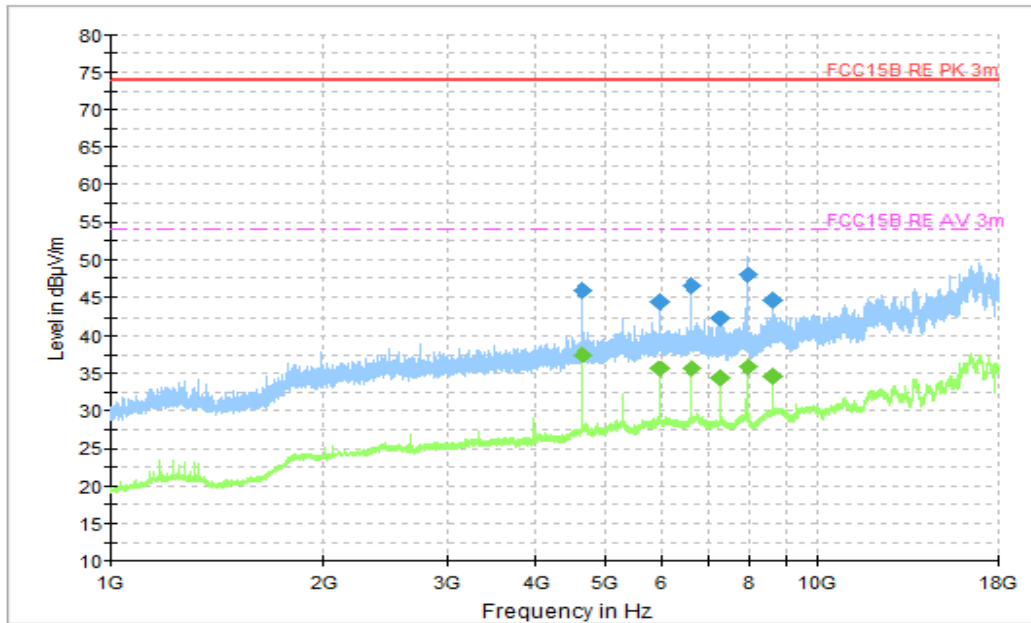


Figure A.6 Radiated Emission (Set.2, Camera Mode , 1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBµV)
4641.500000	45.98	74.00	28.02	V	-0.1	46.08
5966.500000	44.41	74.00	29.59	V	2.7	41.71
6630.000000	46.56	74.00	27.44	V	3.3	43.26
7292.500000	42.20	74.00	31.80	V	3.5	38.70
7955.500000	47.95	74.00	26.05	V	4.4	43.55
8618.000000	44.65	74.00	29.35	V	5.4	39.25

Final_Results_AVG

Frequency(MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBµV)
4641.000000	37.46	54.00	16.54	V	-0.1	37.56
5967.000000	35.55	54.00	18.45	V	2.7	32.85
6630.000000	35.59	54.00	18.41	V	3.3	32.29
7293.000000	34.20	54.00	19.80	V	3.5	30.70
7956.000000	35.84	54.00	18.16	V	4.4	31.44
8618.500000	34.56	54.00	19.44	V	5.4	29.16

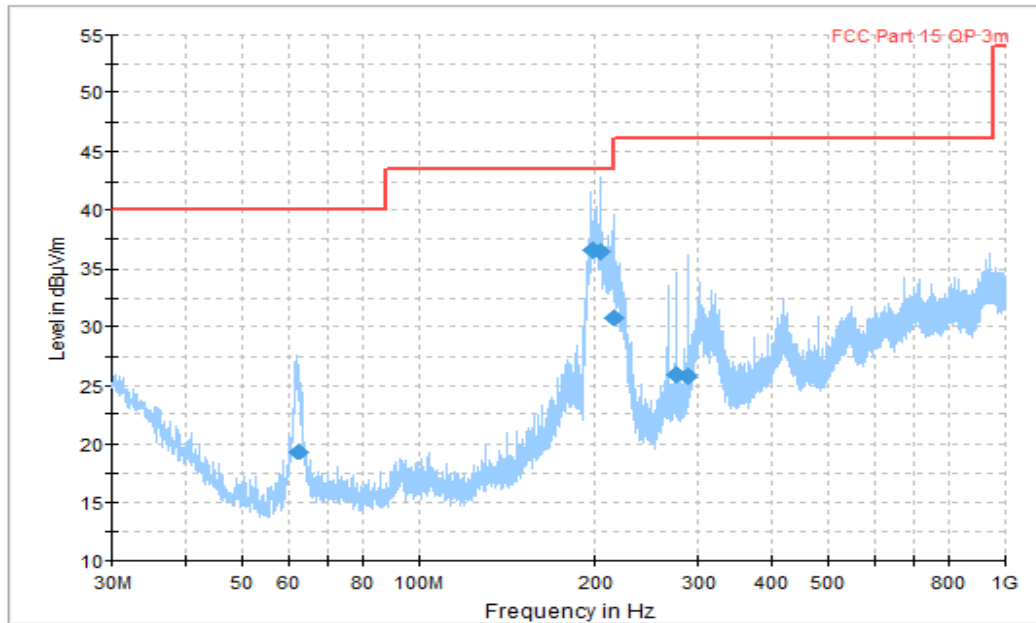


Figure A.7 Radiated Emission (Set.3, Data Transfer Mode: EUT to PC, 30MHz to 1GHz)

Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	ARpl (dB/m)	P _{Mea} (dBµV)
62.142778	19.29	40.00	20.71	V	-15.4	34.69
198.008333	36.63	43.50	6.87	H	-12.2	48.83
204.001111	36.47	43.50	7.03	H	-11.4	47.87
215.970556	30.86	43.50	12.64	H	-11.2	42.06
274.164444	25.91	46.00	20.09	H	-8.7	34.61
287.978333	25.71	46.00	20.29	H	-9.2	34.91

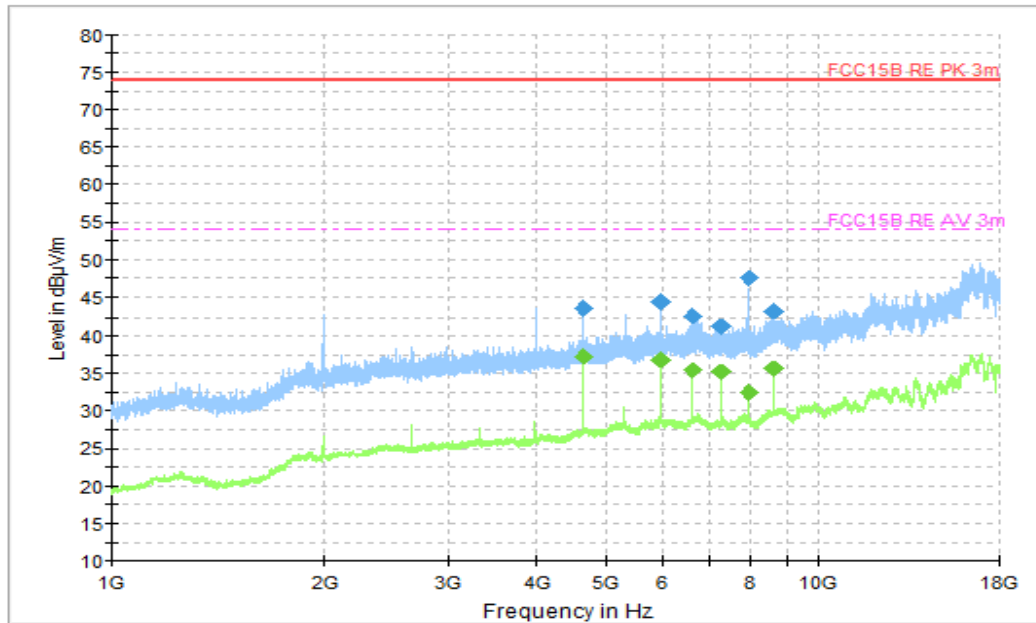


Figure A.8 Radiated Emission (Set.3, Data Transfer Mode: EUT to PC, 1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBµV)
4640.500000	43.60	74.00	30.40	V	-0.1	43.70
5967.000000	44.53	74.00	29.47	V	2.7	41.83
6630.000000	42.70	74.00	31.30	V	3.3	39.40
7291.500000	41.11	74.00	32.89	V	3.5	37.61
7953.500000	47.63	74.00	26.37	V	4.4	43.23
8618.500000	43.22	74.00	30.78	V	5.4	37.82

Final_Results_AVG

Frequency(MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBµV)
4641.000000	37.15	54.00	16.85	V	-0.1	37.25
5967.000000	36.76	54.00	17.24	V	2.7	34.06
6630.000000	35.25	54.00	18.75	V	3.3	31.95
7293.000000	35.13	54.00	18.87	V	3.5	31.63
7955.500000	32.46	54.00	21.54	V	4.4	28.06
8619.000000	35.50	54.00	18.50	V	5.4	30.10

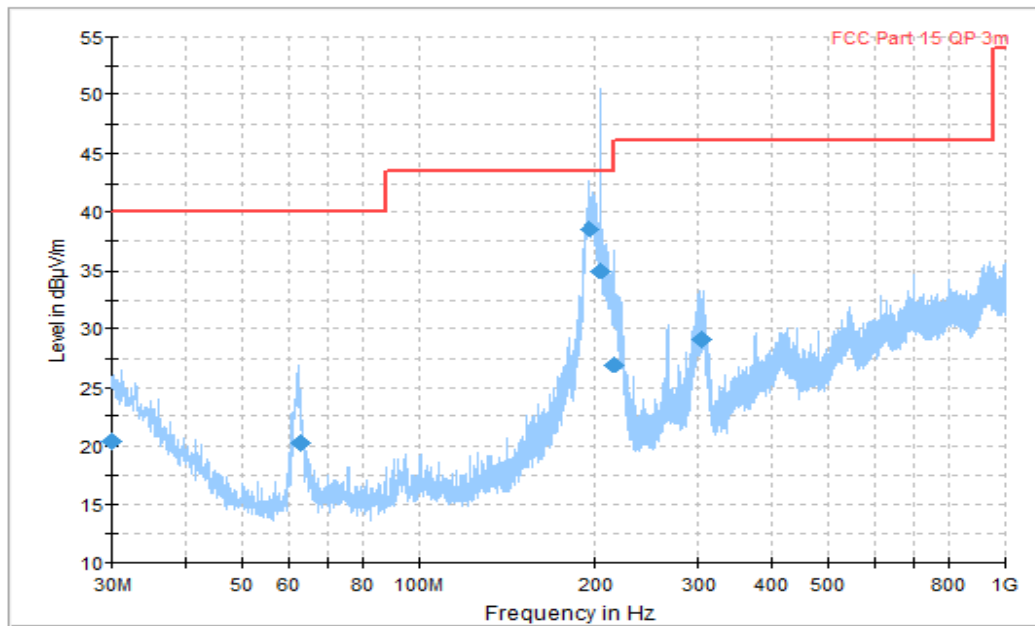


Figure A.9 Radiated Emission (Set.3, Data Transfer Mode: PC to EUT, 30MHz to 1GHz)

Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	ARpl (dB/m)	P _{Mea} (dBµV)
30.060000	20.38	40.00	19.62	V	-6.3	26.68
62.681667	20.31	40.00	19.69	H	-15.4	35.71
195.684444	38.60	43.50	4.90	H	-12.4	51.00
204.007222	34.99	43.50	8.51	H	-11.4	46.39
216.000556	27.01	46.00	18.99	H	-11.2	38.21
304.032222	29.11	46.00	16.89	H	-8.2	37.31

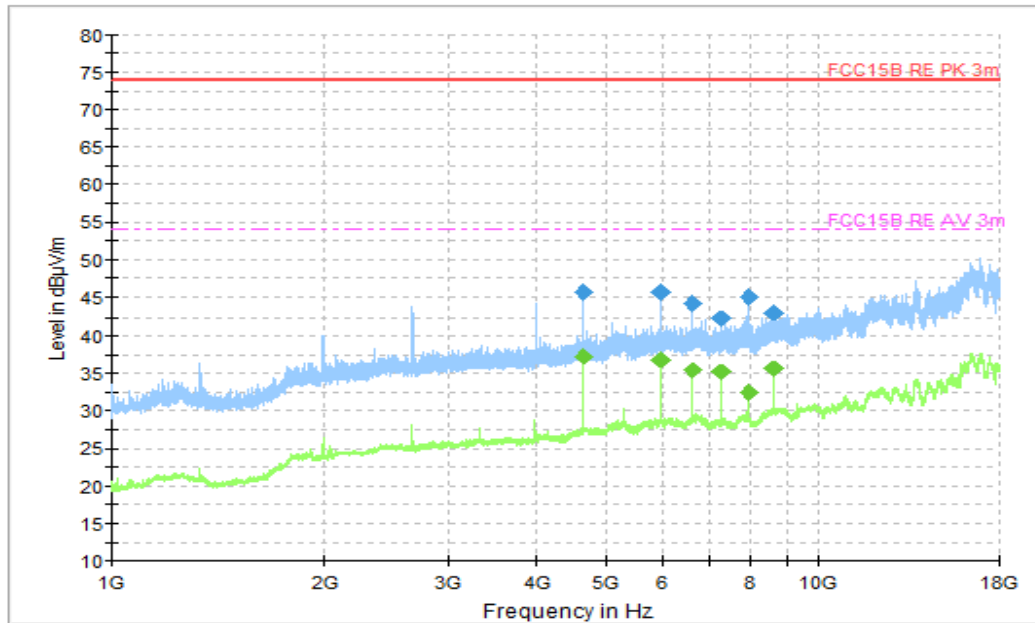


Figure A.10 Radiated Emission (Set.3, Data Transfer Mode: PC to EUT, 1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBµV)
4640.500000	45.71	74.00	28.29	V	-0.1	45.81
5966.000000	45.66	74.00	28.34	V	2.7	42.96
6630.000000	44.34	74.00	29.66	V	3.3	41.04
7293.000000	42.17	74.00	31.83	V	3.5	38.67
7955.000000	45.11	74.00	28.89	V	4.4	40.71
8618.500000	43.01	74.00	30.99	V	5.4	37.61

Final_Results_AVG

Frequency(MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBµV)
4641.000000	37.11	54.00	16.89	V	-0.1	37.21
5967.000000	36.78	54.00	17.22	V	2.7	34.08
6630.000000	35.26	54.00	18.74	V	3.3	31.96
7293.000000	35.06	54.00	18.94	V	3.5	31.56
7955.500000	32.47	54.00	21.54	V	4.4	28.07
8619.000000	35.47	54.00	18.53	V	5.4	30.07

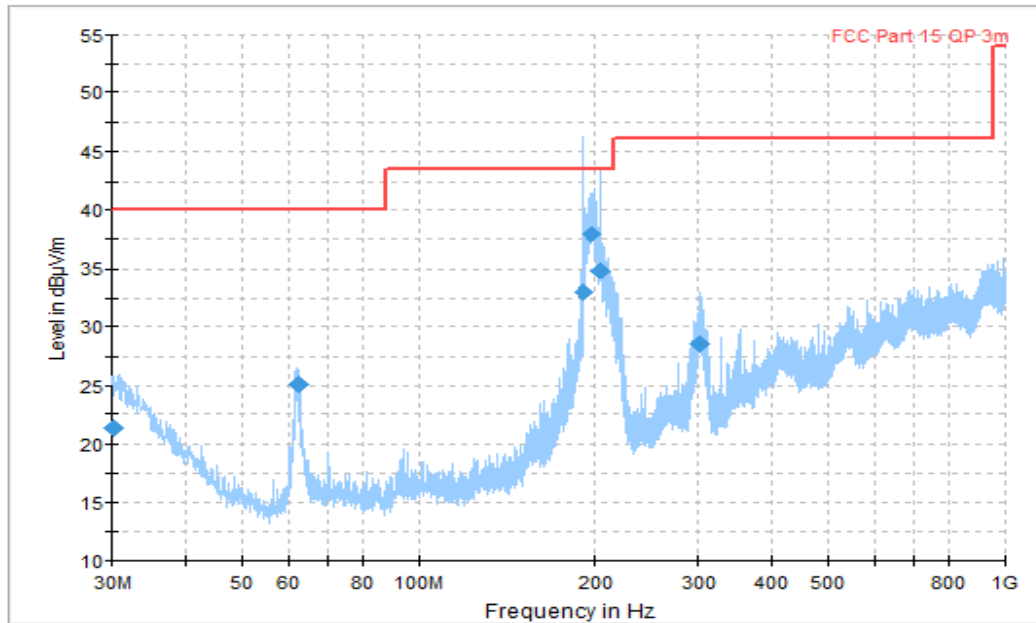


Figure A.11 Radiated Emission (Set.3, Data Transfer Mode: PC to TF, 30MHz to 1GHz)

Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	ARpl (dB/m)	P _{Mea} (dBµV)
30.180000	21.38	40.00	18.62	H	-6.3	27.68
62.076667	25.09	40.00	14.91	H	-15.4	40.49
192.008333	33.00	43.50	10.50	H	-12.6	45.60
197.151111	37.85	43.50	5.65	H	-12.2	50.05
203.988889	34.84	43.50	8.66	H	-11.4	46.24
302.988889	28.57	46.00	17.43	H	-8.2	36.77

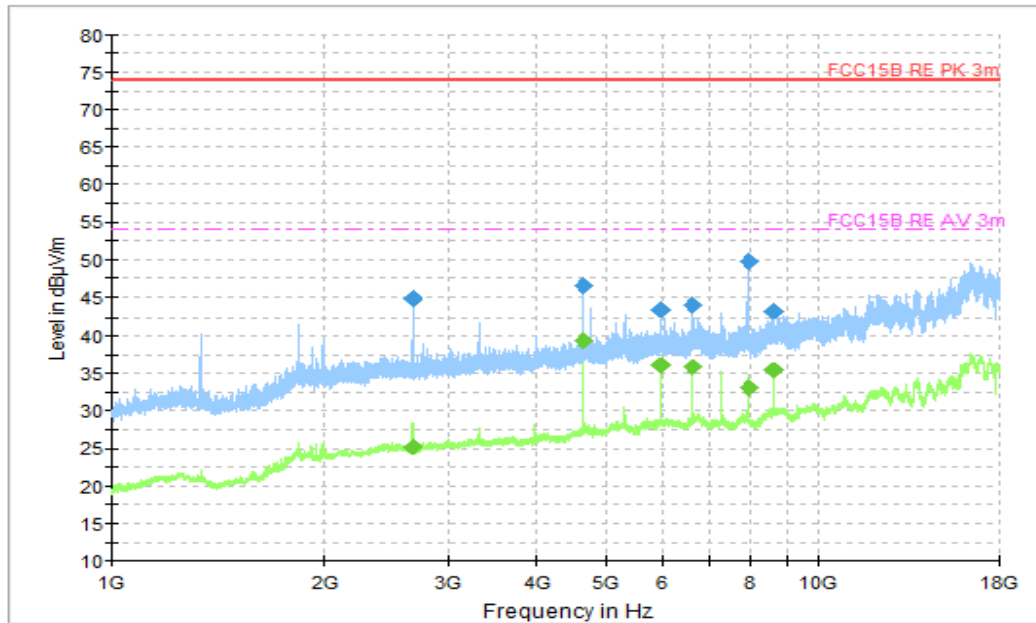


Figure A.12 Radiated Emission (Set.3, Data Transfer Mode: PC to TF, 1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBµV)
2664.500000	44.99	74.00	29.01	V	-4.1	49.09
4641.000000	46.64	74.00	27.36	V	-0.1	46.74
5966.000000	43.48	74.00	30.52	V	2.7	40.78
6630.000000	44.00	74.00	30.00	V	3.3	40.70
7956.000000	49.97	74.00	24.03	V	4.4	45.57
8619.000000	43.20	74.00	30.80	V	5.4	37.80

Final_Results_AVG

Frequency(MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBµV)
2664.500000	25.24	54.00	28.76	V	-4.1	29.34
4641.000000	39.33	54.00	14.67	V	-0.1	39.43
5967.000000	35.88	54.00	18.12	V	2.7	33.18
6630.000000	35.66	54.00	18.34	V	3.3	32.36
7956.000000	33.12	54.00	20.88	V	4.4	28.72
8619.000000	35.32	54.00	18.68	V	5.4	29.92

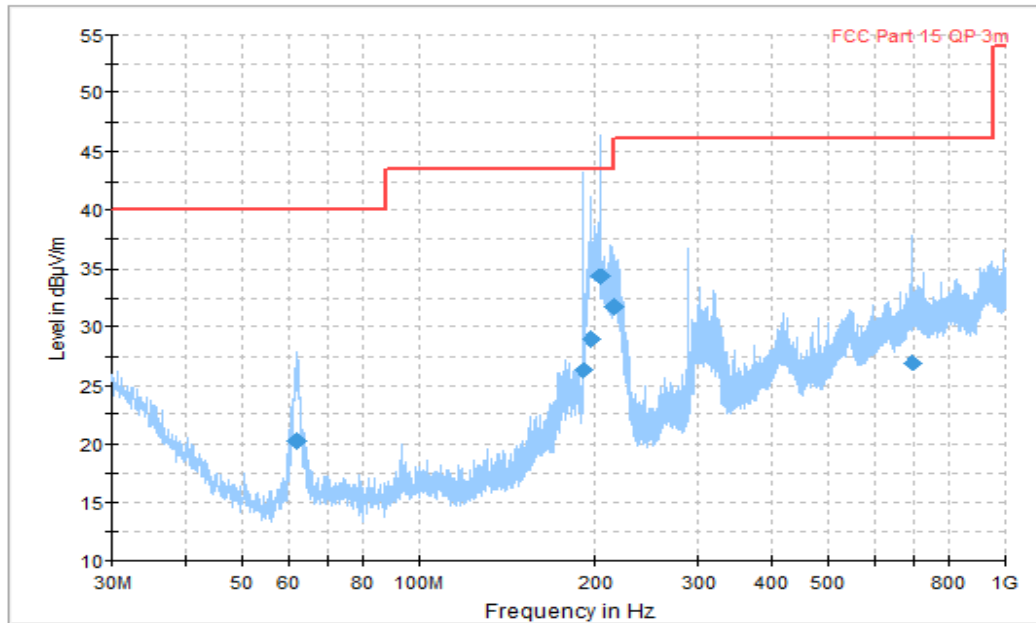


Figure A.13 Radiated Emission (Set.3, Data Transfer Mode: TF to PC, 30MHz to 1GHz)

Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	ARpl (dB/m)	P _{Mea} (dBµV)
61.836667	20.31	40.00	19.69	V	-15.4	35.71
191.990000	26.32	43.50	17.18	H	-12.6	38.92
197.277778	28.95	43.50	14.55	H	-12.2	41.15
204.013333	34.24	43.50	9.26	H	-11.4	45.64
214.780000	31.76	43.50	11.74	H	-11.2	42.96
693.922222	26.91	46.00	19.09	H	1.1	25.81

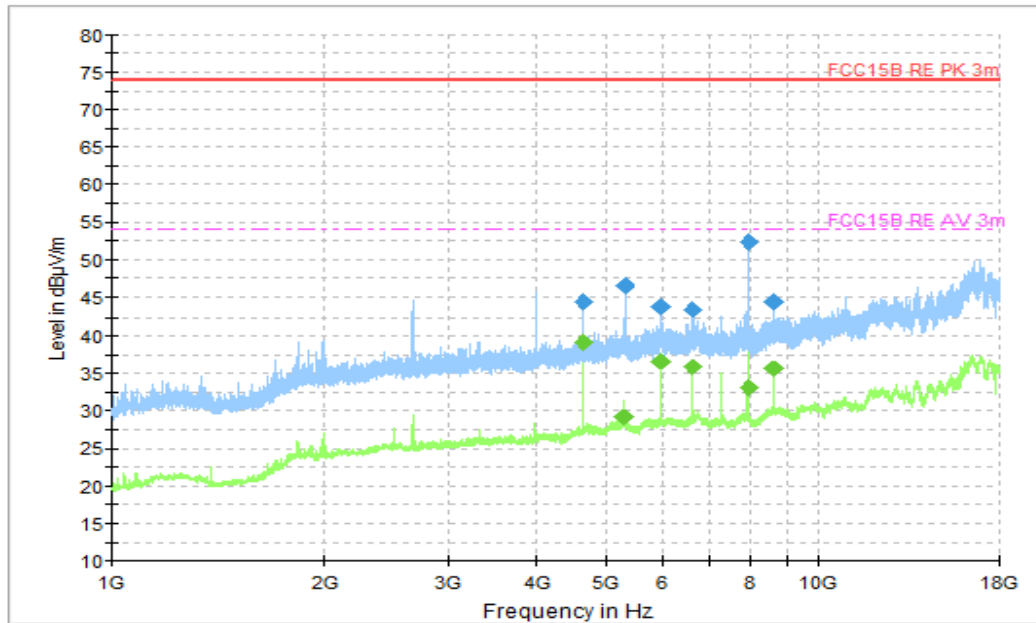


Figure A.14 Radiated Emission (Set.3, Data Transfer Mode: TF to PC, 1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBµV)
4639.500000	44.57	74.00	29.43	V	-0.1	44.67
5327.000000	45.56	74.00	28.44	V	1.6	43.96
5966.500000	43.95	74.00	30.05	V	2.7	41.25
6630.000000	43.46	74.00	30.54	V	3.3	40.16
7955.000000	52.35	74.00	21.65	V	4.4	47.95
8618.000000	44.54	74.00	29.46	V	5.4	39.14

Final_Results_AVG

Frequency(MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBµV)
4641.000000	39.18	54.00	14.82	V	-0.1	39.28
5304.000000	29.07	54.00	24.93	V	1.6	27.47
5967.000000	36.53	54.00	17.47	V	2.7	33.83
6630.000000	35.72	54.00	18.28	V	3.3	32.42
7955.500000	33.12	54.00	20.88	V	4.4	28.72
8619.000000	35.60	54.00	18.40	V	5.4	30.20

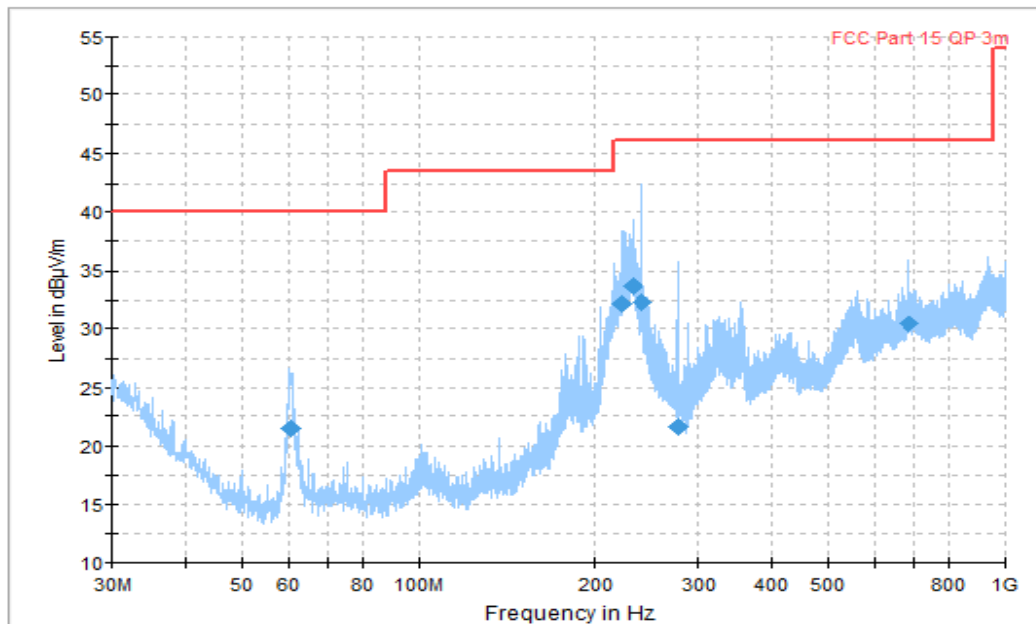


Figure A.15 Radiated Emission (Set.4, Data Transfer Mode: PC to EUT, 30MHz to 1GHz)

Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	ARpl (dB/m)	P _{Mea} (dBµV)
60.562222	21.43	40.00	18.57	V	-15.6	37.03
221.916111	32.13	46.00	13.87	H	-10.8	42.93
232.190556	33.58	46.00	12.42	H	-10.3	43.88
240.257222	32.28	46.00	13.72	V	-9.5	41.78
275.996667	21.68	46.00	24.32	H	-9.0	30.68
683.995556	30.40	46.00	15.60	H	0.7	29.70

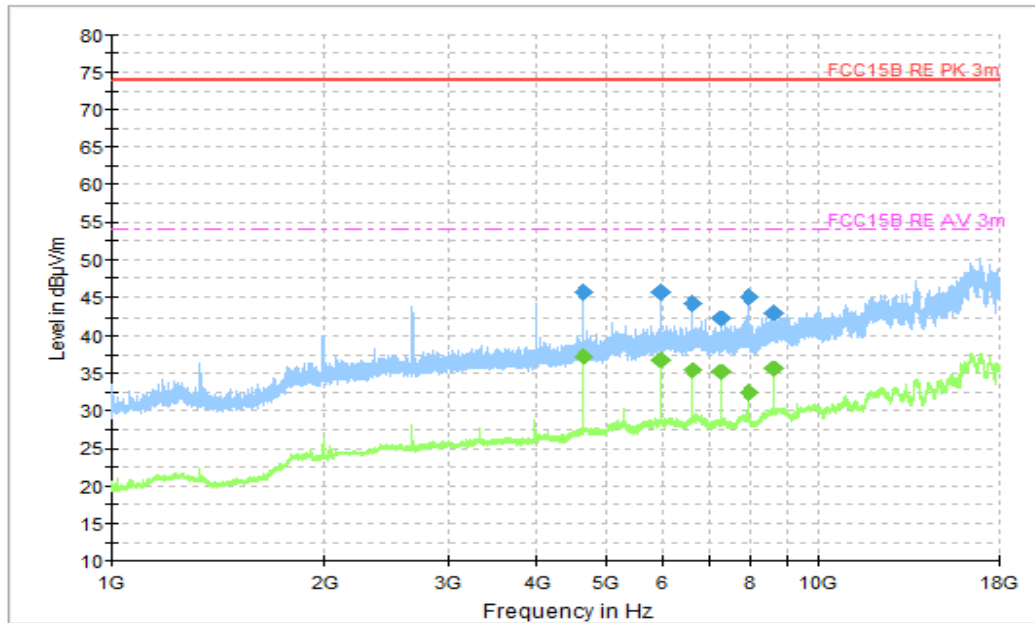


Figure A.16 Radiated Emission (Set.4, Data Transfer Mode: PC to EUT, 1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBµV)
4640.500000	45.71	74.00	28.29	V	-0.1	45.81
5966.000000	45.66	74.00	28.34	V	2.7	42.96
6630.000000	44.34	74.00	29.66	V	3.3	41.04
7293.000000	42.17	74.00	31.83	V	3.5	38.67
7955.000000	45.11	74.00	28.89	V	4.4	40.71
8618.500000	43.01	74.00	30.99	V	5.4	37.61

Final_Results_AVG

Frequency(MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBµV)
4641.000000	37.11	54.00	16.89	V	-0.1	37.21
5967.000000	36.78	54.00	17.22	V	2.7	34.08
6630.000000	35.26	54.00	18.74	V	3.3	31.96
7293.000000	35.06	54.00	18.94	V	3.5	31.56
7955.500000	32.47	54.00	21.54	V	4.4	28.07
8619.000000	35.47	54.00	18.53	V	5.4	30.07

**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.

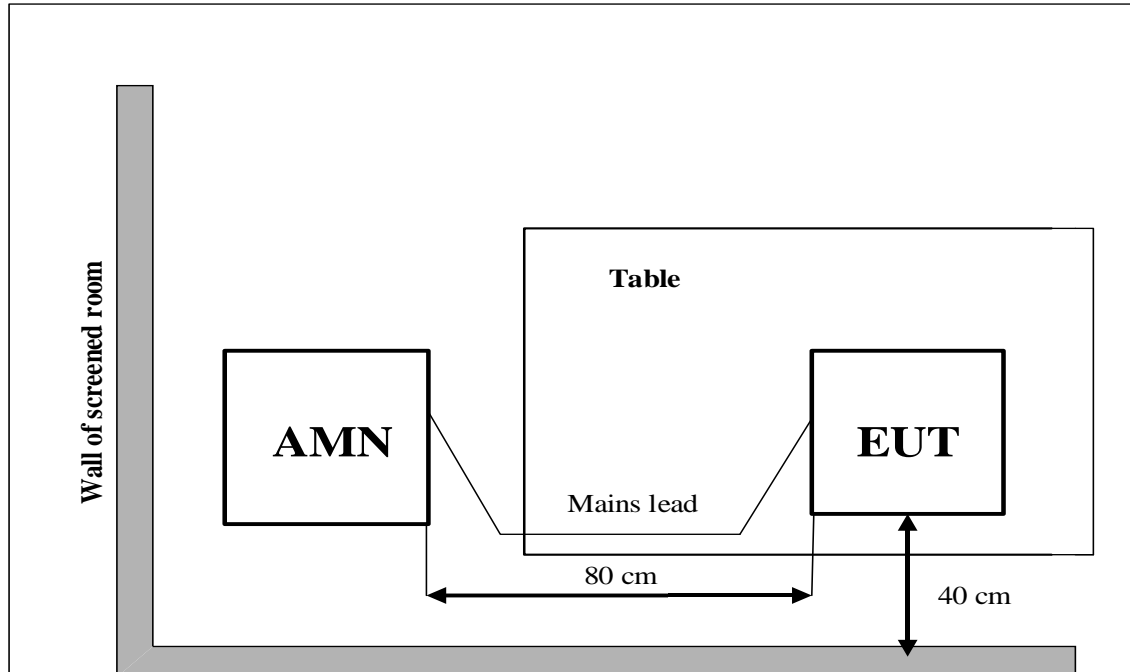
Video Player Mode: The EUT is connected to a charger for charging and keeping on playing mp3.

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 (dB μ V)	
	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

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

Where

Corr: PathLoss + Voltage Division Factor

PMea: Measurement result on receiver.

Camera Mode

AC Input Port/ Voltage: 120V/60Hz

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

Video Player Mode

AC Input Port/ Voltage: 120V/60Hz

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

Data Transfer Mode

AC Input Port/ Voltage: 120V/60Hz

Frequency range (MHz)	Quasi-peak Limit (dB μ V)	Average Limit (dB μ V)	Result (dB μ V)	Conclusion
			Set.3	
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 (dB μ V)	Average Limit (dB μ V)	Result (dB μ V)	Conclusion
			Set.4	
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.

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.1	
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.

Video Player 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.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 (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.8	P
0.5 to 5	56	46		
5 to 30	60	50		

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

Data Transfer 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.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.



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.4	
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.

AC Input Port/ Voltage: 120V/60Hz

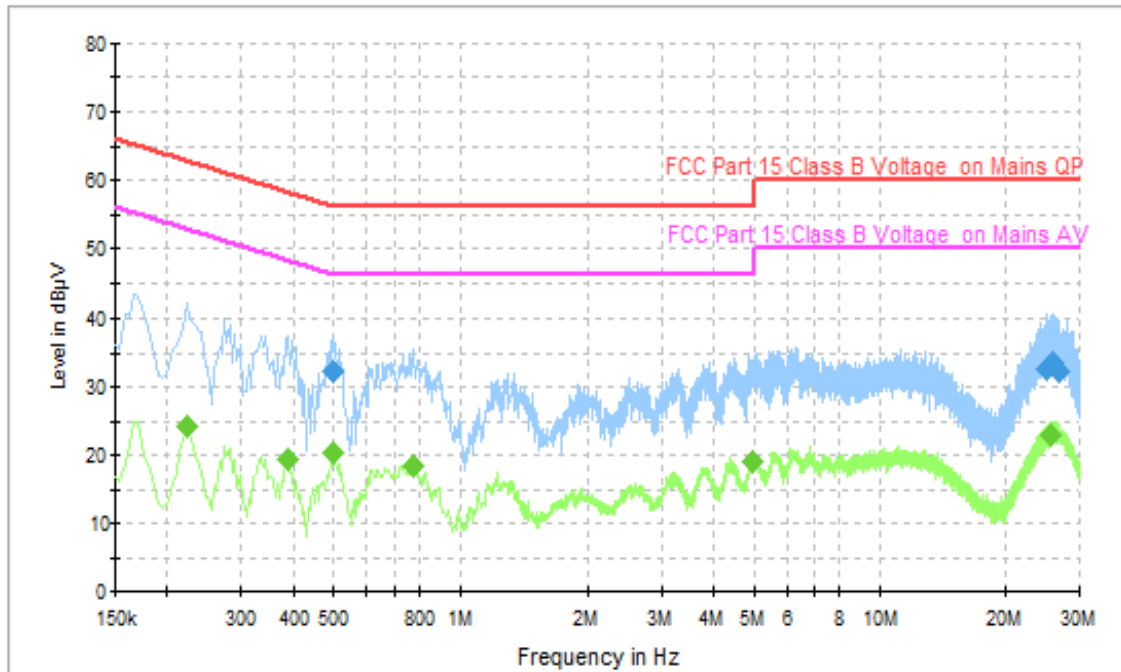


Figure B.1 Conducted Emission(Set.1, Camera Mode)

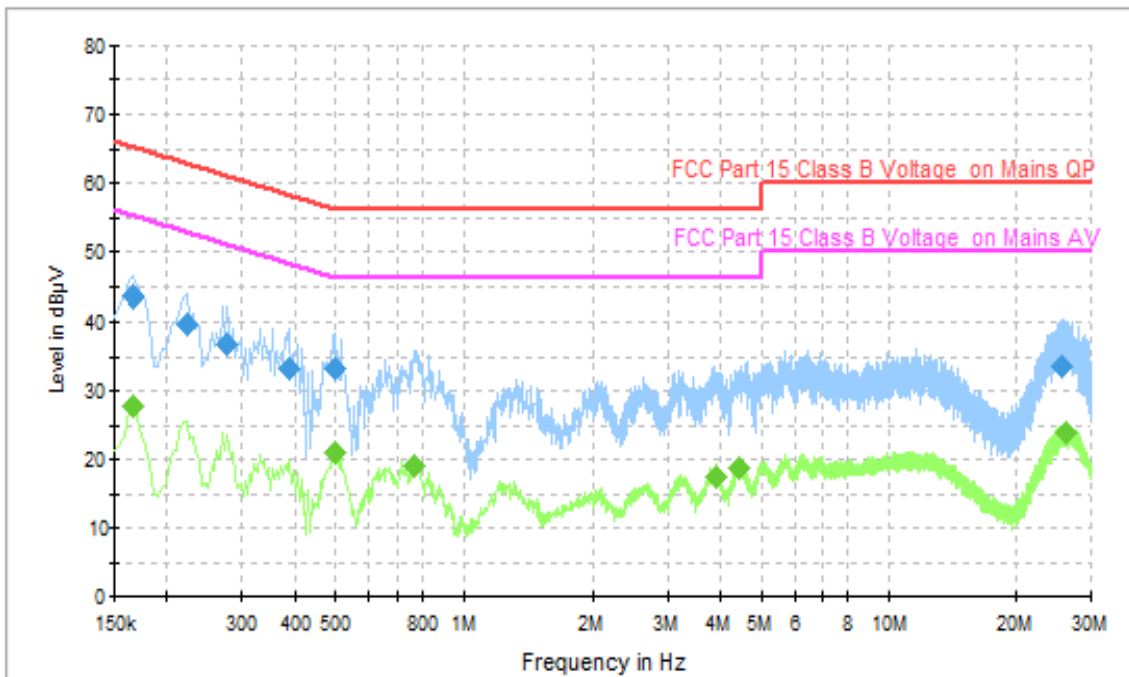
Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.498000	32.4	56.0	23.7	N	9.7	22.70
24.890000	32.5	60.0	27.5	N	10.1	22.40
25.218000	33.0	60.0	27.0	N	10.1	22.90
25.982000	33.4	60.0	26.6	N	10.1	23.30
26.270000	33.0	60.0	27.0	N	10.1	22.90
26.750000	32.2	60.0	27.8	N	10.1	22.10

Final_Result_AVG

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.222000	24.3	46	28.5	N	9.6	14.70
0.390000	19.5	46	28.6	N	9.6	9.90
0.498000	20.3	46	25.8	N	9.7	10.60
0.774000	18.5	46	27.5	N	9.6	8.90
4.974000	19.0	46	27.0	N	9.7	9.30
25.466000	23.0	50	27.0	N	10.0	13.00

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)
0.166000	43.7	65.2	21.5	N	9.6	34.10
0.222000	39.7	62.7	23.0	N	9.6	30.10
0.278000	36.7	60.9	24.2	N	9.6	27.10
0.390000	33.1	58.1	25.0	N	9.6	23.50
0.498000	33.2	56.0	22.9	N	9.7	23.50
25.462000	33.6	60.0	26.4	N	10.0	23.60

Final_Result_AVG

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.166000	27.8	55.2	27.3	N	9.6	18.20
0.498000	21.1	46.0	24.9	N	9.7	11.40
0.766000	19.0	46.0	27.0	N	9.6	9.40
3.894000	17.5	46.0	28.5	N	9.6	7.90
4.446000	18.6	46.0	27.4	N	9.6	9.00
26.190000	23.7	50.0	26.3	N	10.1	13.60

AC Input Port/ Voltage: 120V/60Hz

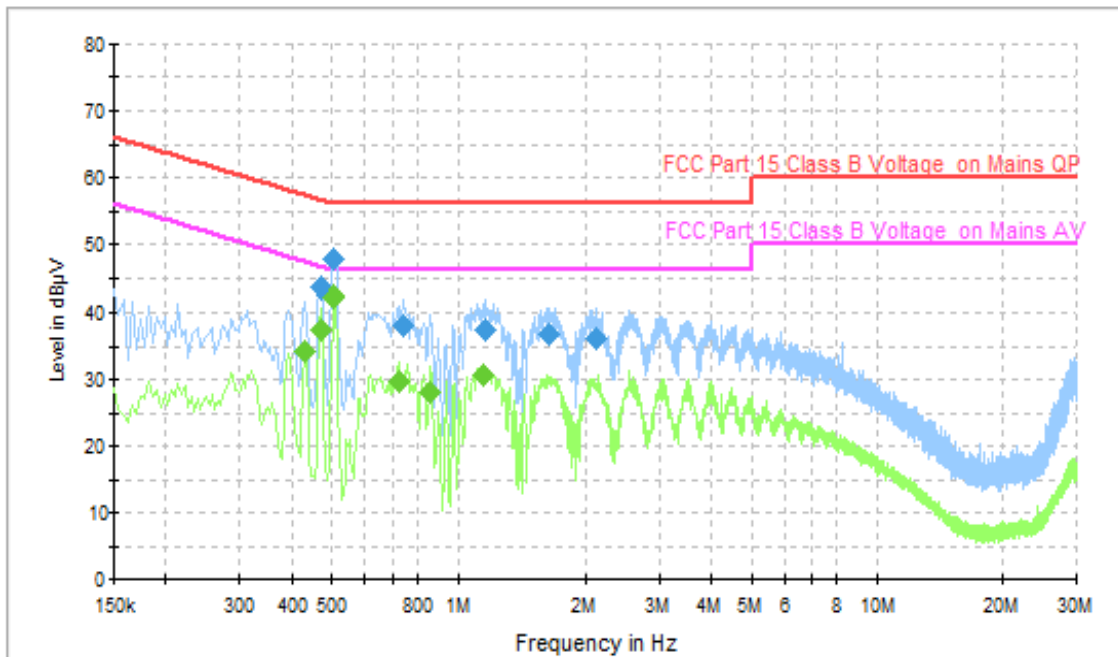


Figure B.3 Conducted Emission(Set.2, Video Player Mode)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.470000	43.5	56.5	13.0	N	9.7	33.80
0.502000	47.7	56.0	8.3	N	9.7	38.00
0.738000	38.1	56.0	17.9	N	9.6	28.50
1.170000	37.3	56.0	18.7	N	9.6	27.70
1.638000	36.6	56.0	19.4	N	9.6	27.00
2.122000	36.2	56.0	19.8	N	9.6	26.60

Final_Result_AVG

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.430000	34.3	47.3	12.9	N	9.7	24.60
0.470000	37.6	46.5	8.9	N	9.7	27.90
0.506000	42.1	46.0	3.9	N	9.7	32.40
0.722000	29.7	46.0	16.3	N	9.6	20.10
0.862000	28.0	46.0	18.0	N	9.6	18.40
1.150000	30.7	46.0	15.3	N	9.6	21.10

AC Input Port/ Voltage: 120V/60Hz

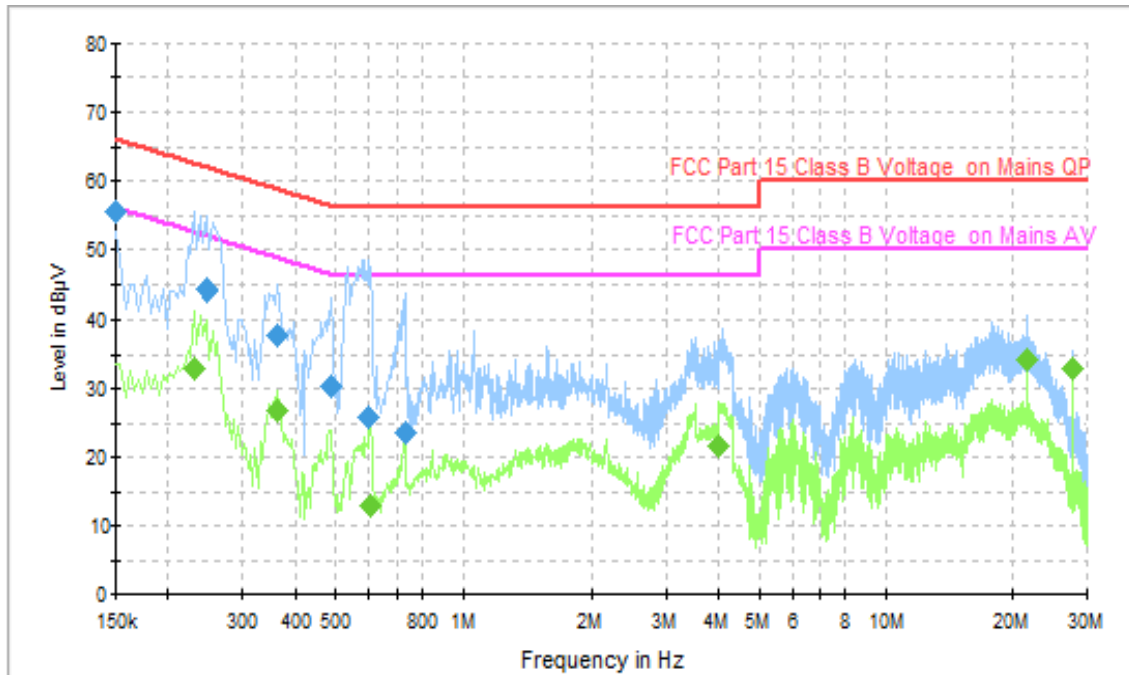


Figure B.4 Conducted Emission(Set.3, Data Transfer Mode)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.150000	55.5	66.0	10.5	N	9.6	45.90
0.246000	44.2	61.9	17.7	N	9.6	34.60
0.362000	37.9	58.7	20.8	N	9.6	28.30
0.486000	30.3	56.2	26.0	N	9.7	20.60
0.598000	25.9	56.0	30.1	N	9.6	16.30
0.730000	23.5	56.0	32.5	N	9.6	13.90

Final_Result_AVG

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.158	32.03	52.4	19.5	N	9.6	22.43
0.502	21.37	48.7	22.0	N	9.6	11.77
3.518	21.35	46.0	33.0	N	9.6	11.75
4.486	21.27	46.0	24.4	N	9.6	11.67
9.662	25.06	50.0	16.0	N	9.9	15.16
27.650000	29.37	50.0	17.0	N	10.1	19.27

AC Input Port/ Voltage: 120V/60Hz

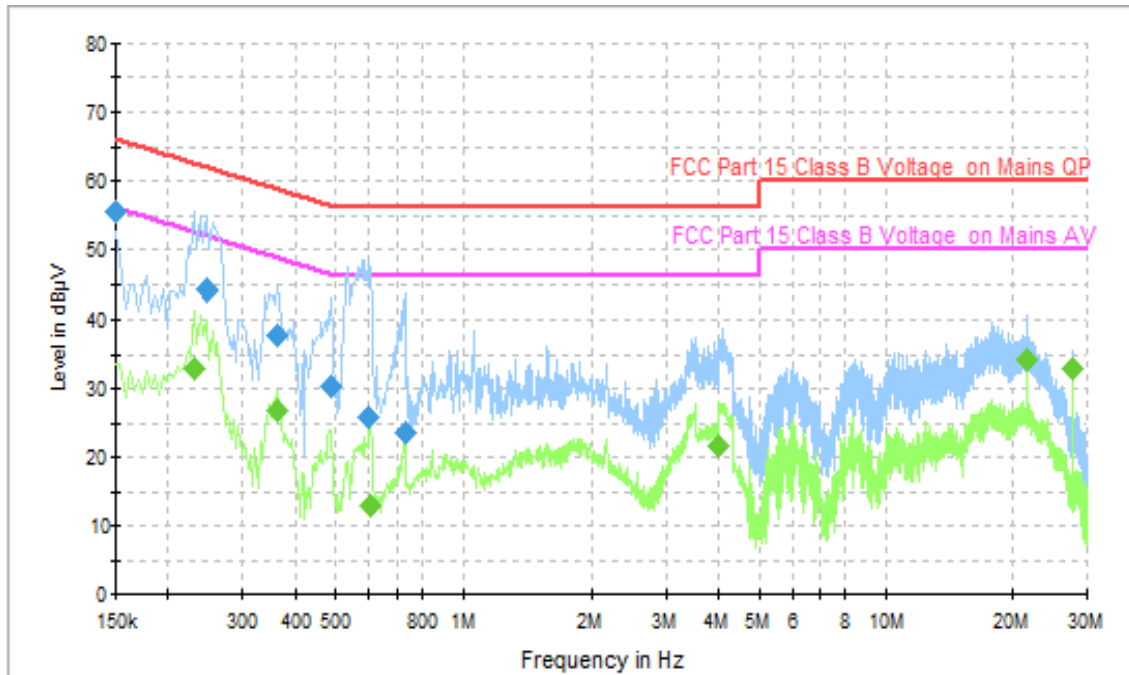


Figure B.5 Conducted Emission(Set.4, Data Transfer Mode)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.150000	55.5	66.0	10.5	N	9.6	45.90
0.246000	44.2	61.9	17.7	N	9.6	34.60
0.362000	37.9	58.7	20.8	N	9.6	28.30
0.486000	30.3	56.2	26.0	N	9.7	20.60
0.598000	25.9	56.0	30.1	N	9.6	16.30
0.730000	23.5	56.0	32.5	N	9.6	13.90

Final_Result_AVG

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.158	32.03	52.4	19.5	N	9.6	22.43
0.502	21.37	48.7	22.0	N	9.6	11.77
3.518	21.35	46.0	33.0	N	9.6	11.75
4.486	21.27	46.0	24.4	N	9.6	11.67
9.662	25.06	50.0	16.0	N	9.9	15.16
27.650000	29.37	50.0	17.0	N	10.1	19.27

AC Input Port/ Voltage: 240V/60Hz

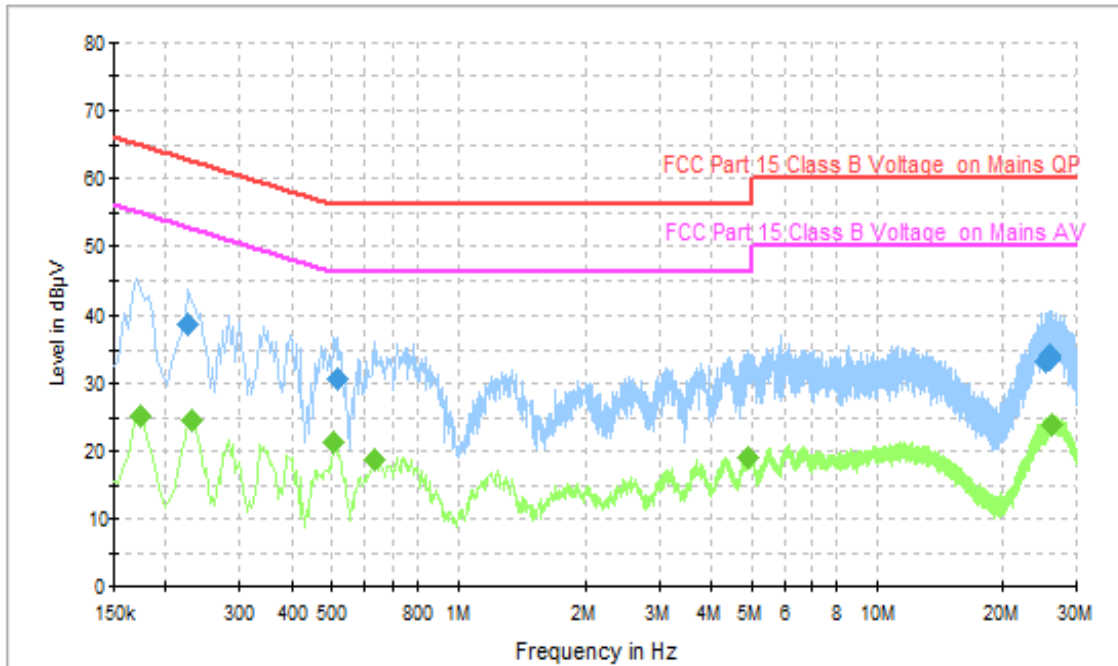


Figure B.6 Conducted Emission(Set.1, Camera Mode)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.226000	38.8	62.6	23.8	N	9.6	29.20
0.518000	30.8	56.0	25.2	N	9.7	21.10
25.430000	33.4	60.0	26.6	N	10.0	23.40
25.850000	33.6	60.0	26.4	N	10.1	23.50
25.938000	33.9	60.0	26.1	N	10.1	23.80
26.030000	34.1	60.0	25.9	N	10.1	24.00

Final_Result_AVG

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.174000	25.2	54.8	29.6	N	9.6	15.60
0.230000	24.4	52.4	28.0	N	9.6	14.80
0.506000	21.4	46.0	24.6	N	9.7	11.70
0.634000	18.8	46.0	27.2	N	9.6	9.20
4.906000	18.9	46.0	27.1	N	9.7	9.20
26.066000	23.9	50.0	26.1	N	10.1	13.80

AC Input Port/ Voltage: 240V/60Hz

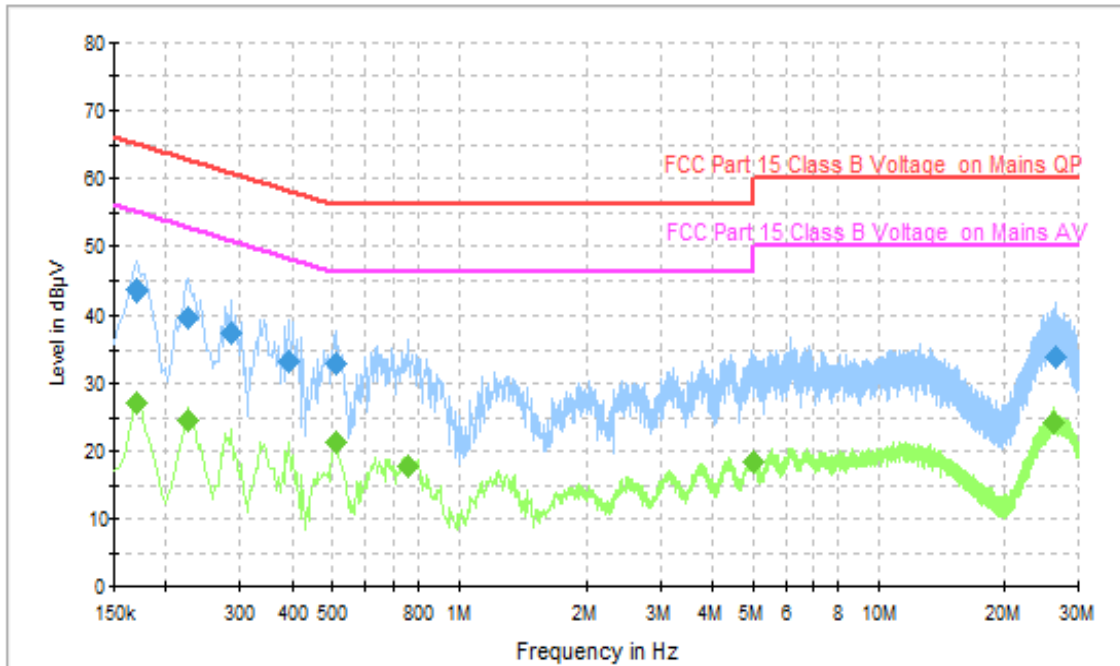


Figure B.7 Conducted Emission(Set.1, Video Player Mode)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.170000	43.5	65.0	21.5	N	9.6	33.90
0.226000	39.7	62.6	22.9	N	9.6	30.10
0.286000	37.4	60.6	23.3	N	9.6	27.80
0.394000	33.3	58.0	24.6	N	9.6	23.70
0.510000	32.8	56.0	23.2	N	9.7	23.10
26.510000	33.9	60.0	26.1	N	10.1	23.80

Final_Result_AVG

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.170000	26.9	55.0	28.0	N	9.6	17.30
0.226000	24.6	52.6	28.0	N	9.6	15.00
0.510000	21.3	46.0	24.7	N	9.7	11.60
0.754000	17.9	46.0	28.1	N	9.6	8.30
4.990000	18.3	46.0	27.7	N	9.7	8.60
26.070000	24.2	50.0	25.8	N	10.1	14.10

AC Input Port/ Voltage: 240V/60Hz

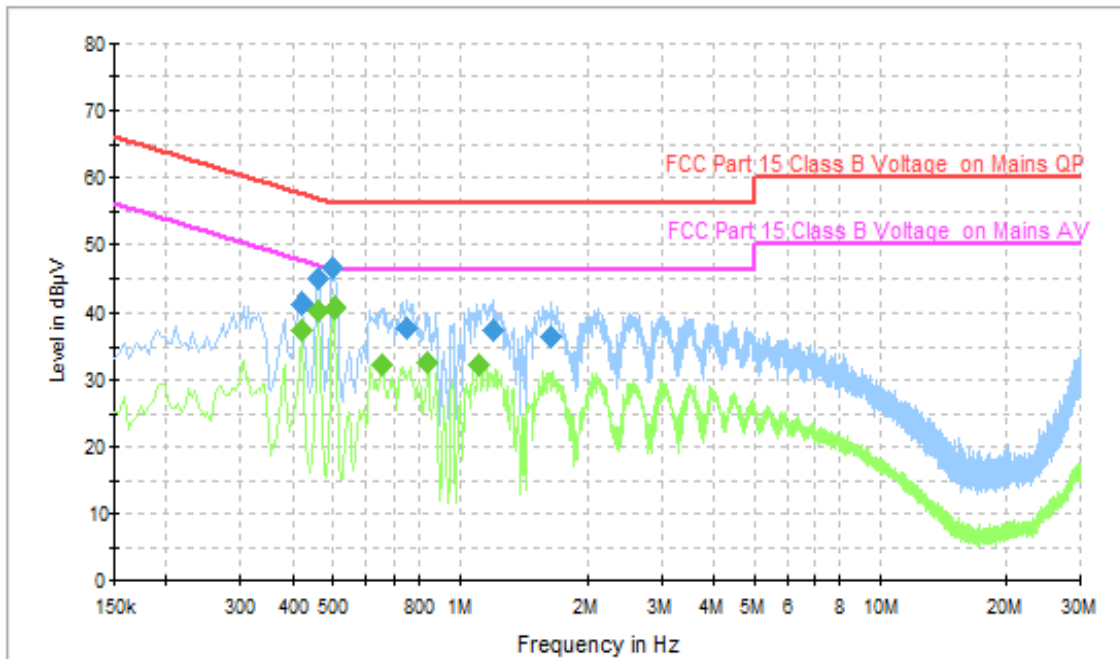


Figure B.8 Conducted Emission(Set.2, Video Player Mode)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.418000	41.2	57.5	16.2	N	9.7	31.50
0.458000	44.8	56.7	12.0	N	9.7	35.10
0.498000	46.4	56.0	9.6	N	9.7	36.70
0.746000	37.7	56.0	18.3	N	9.6	28.10
1.198000	37.4	56.0	18.6	N	9.6	27.80
1.638000	36.5	56.0	19.5	N	9.6	26.90

Final_Result_AVG

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.418000	37.6	47.5	9.9	N	9.7	27.90
0.458000	40.5	46.7	6.3	N	9.7	30.80
0.502000	40.6	46.0	5.4	N	9.7	30.90
0.650000	32.3	46.0	13.7	N	9.6	22.70
0.842000	32.5	46.0	13.5	N	9.6	22.90
1.110000	32.3	46.0	13.7	N	9.6	22.70

AC Input Port/ Voltage: 240V/60Hz

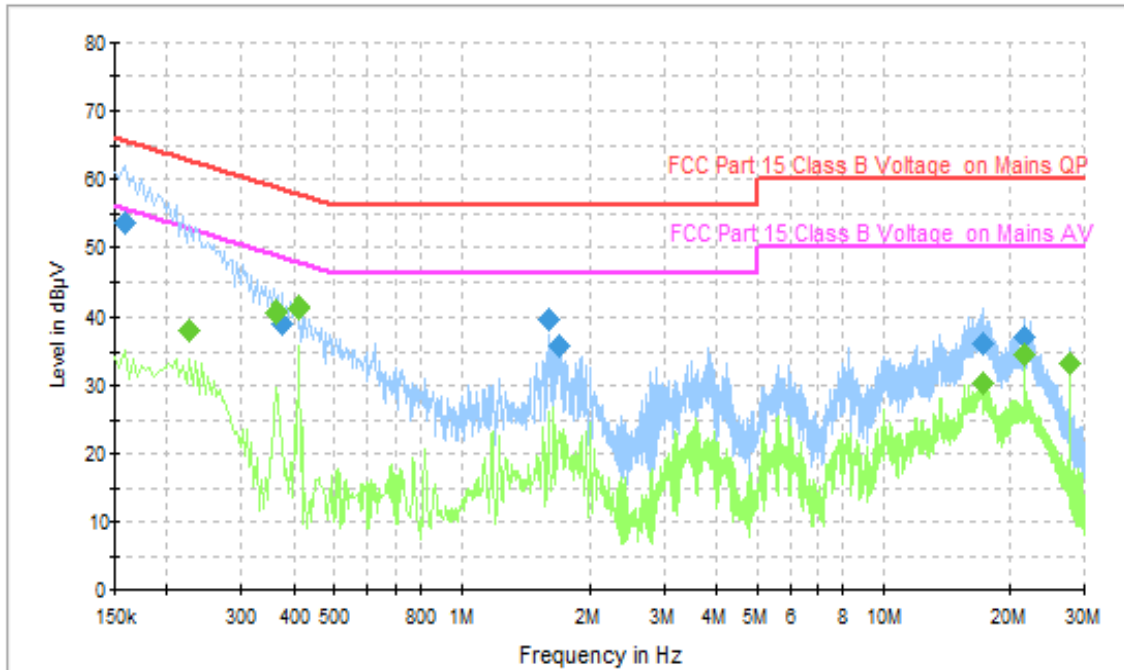


Figure B.9 Conducted Emission(Set.3, Data Transfer Mode)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.158000	53.6	65.6	12.0	N	9.6	44.00
0.374000	38.9	58.4	19.5	N	9.6	29.30
1.594000	39.8	56.0	16.2	N	9.6	30.20
1.694000	35.9	56.0	20.1	N	9.6	26.30
17.182000	36.0	60.0	24.0	N	9.9	26.10
21.506000	37.2	60.0	22.8	N	9.9	27.30

Final_Result_AVG

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.226000	38.2	52.6	14.4	N	9.6	28.60
0.362000	40.6	48.7	8.1	N	9.6	31.00
0.410000	41.4	47.6	6.3	N	9.6	31.80
17.158000	30.4	50.0	19.6	N	9.9	20.50
21.506000	34.6	50.0	15.4	N	9.9	24.70
27.650000	33.1	50.0	16.9	N	10.1	23.00

AC Input Port/ Voltage: 240V/60Hz

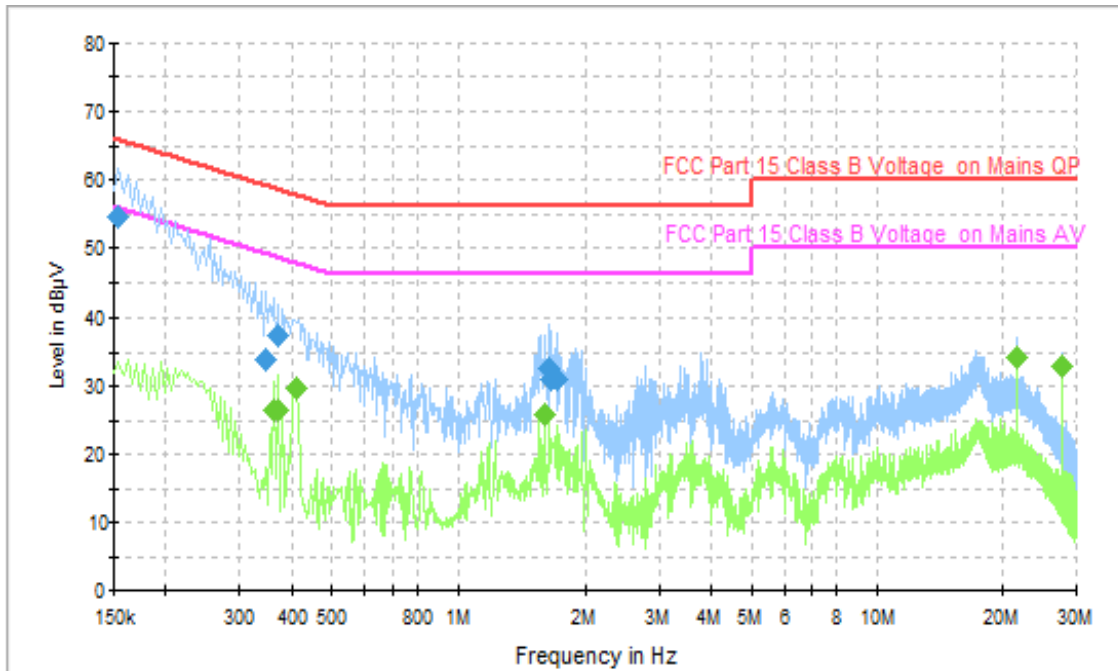


Figure B.10 Conducted Emission(Set.4, Data Transfer Mode)

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.154000	54.5	65.8	11.3	N	9.6	44.90
0.346000	33.9	59.1	25.2	N	9.6	24.30
0.370000	37.4	58.5	21.1	N	9.6	27.80
1.634000	32.7	56.0	23.3	N	9.6	23.10
1.650000	31.0	56.0	25.0	N	9.6	21.40
1.702000	31.0	56.0	25.0	N	9.6	21.40

Final_Result_AVG

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.362000	26.4	48.7	22.3	N	9.6	16.80
0.370000	26.5	48.5	22.0	N	9.6	16.90
0.410000	29.6	47.6	18.0	N	9.6	20.00
1.594000	25.8	46.0	20.2	N	9.6	16.20
21.506000	34.2	50.0	15.8	N	9.9	24.30
27.650000	33.1	50.0	16.9	N	10.1	23.00

END OF REPORT