



TESTREPORT

No.I19N01349-EMC

for

Ademco Inc.

Quicksilver wireless tablet

Model Name:PROWLTOUCH/PROWLTOUCHC

FCC ID:CFS8DLPROWLTOUCH

IC ID:573F-PROWLTOUCH

Hardware Version:Q1982_MB_V2

Software Version: GMTS700_Wireless_01.01.006.0010

Issued Date: 2019-07-26

Designation Number: CN1210

ISED Assigned Code: 23289

Note:

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

Test Laboratory:

Shenzhen Academy of Information and Communications Technology

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REPORT HISTORY

Report Number	Revision	Description	Issue Date
I19N01349-EMC	Rev.0	1st edition	2019-07-26

CONTENTS

1. TEST LABORATORY	4
1.1. TESTING LOCATION.....	4
1.2. TESTING ENVIRONMENT.....	4
1.3. PROJECT DATA.....	4
1.4. SIGNATURE.....	4
2. CLIENT INFORMATION.....	5
2.1. APPLICANT INFORMATION.....	5
2.2. MANUFACTURER INFORMATION.....	5
3. EQUIPMENT UNDER TEST (EUT) AND ANCILLARY EQUIPMENT (AE).....	6
3.1. ABOUT EUT.....	6
3.2. INTERNAL IDENTIFICATION OF EUT.....	6
3.3. INTERNAL IDENTIFICATION OF AE.....	6
3.4. EUT SET-UPS.....	7
4. REFERENCE DOCUMENTS.....	8
4.1. REFERENCE DOCUMENTS FOR TESTING.....	8
5. LABORATORY ENVIRONMENT.....	9
6. SUMMARY OF TEST RESULTS.....	10
7. TEST FACILITIES UTILIZED.....	11
ANNEX A: MEASUREMENT RESULTS.....	12
A.1 RADIATED EMISSION (§15.109(A)).....	12
B.2 CONDUCTED EMISSION (§15.107(A)).....	24

1. Test Laboratory

1.1. Testing Location

Company Name: Shenzhen Academy of Information and Communications
Technology
Address: Building G, Shenzhen International Innovation Center, No.1006
Shennan Road, Futian District, Shenzhen, Guangdong, P. R. China
Postal Code: 518026
Telephone: +86(0)755-33322000
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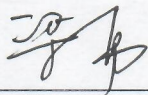
1.2. Testing Environment

Normal Temperature: 15-35°C
Relative Humidity: 20-75%

1.3. Project data

Testing Start Date: 2019-07-03
Testing End Date: 2019-07-26

1.4. Signature



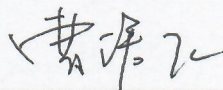
Liang Yong

(Prepared this test report)



Zhang Yunzhan

(Reviewed this test report)



Cao Junfei

Director of the laboratory

(Approved this test report)

2. ClientInformation

2.1. Applicant Information

Company Name: Ademco Inc.
Address: 2 Corporate Center Drive Suite 100P.O. Box 9040, Melville, NY 11747
Contact: Andy Roussin
E-mail: andrew.roussin@honeywell.com (for fcc)
andrew.roussin@resideo.com (for IC)
Tel: 516-577-5820

2.2. Manufacturer Information

Company Name: Huaqin Telecom Technology Co., Ltd.
Address: No.1 Building, No.9 Building, No.399, Keyuan Road, Zhangjiang
Hi-tech Park, Shanghai, P.R.China
Contact: Daisy Wu
E-mail: wulihua@huaqin.com
Tel: 18088882767

3. Equipment Under Test (EUT) and Ancillary Equipment (AE)

3.1. About EUT

Description	Quicksilver wireless tablet
Brand Name	Honeywell home/ Resideo
Model Name	PROWLTOUCH/PROWLTOUCHC
FCC ID	CFS8DLPROWLTOUCH
IC ID	573F-PROWLTOUCH
Condition of EUT as received	No obvious damage in appearance

The Equipment Under Test (EUT) are a model of Quicksilver wireless tablet with integrated antenna.

Remark: The above EUT's information is declared by manufacturer. Please refer to the specifications or user's manual for more detailed information.

3.2. Internal Identification of EUT

EUT ID*	SN or IMEI	HW Version	SW Version	Receive Date
UT01aa	HK52400323	Q1982_MB_V2	GMTS700_Wireless_01.01.006.0010	2019-07-03

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

3.3. Internal Identification of AE

AE ID*	Description	SN
AE1	Battery	/
AE2	Travel charger	/
AE3	USB Cable	/

AE1

Model	P-504478
Manufacturer	Dongguan Amperex Technology Limited
Capacity	2830mAh
Nominal Voltage	3.85V

AE2

Model	TPA-97050150U01
Manufacturer	SHENZHEN TIANYIN ELECTRONICS CO., LTD

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

*AE3: Only for data transfer mode testing.

3.4. EUT set-ups

EUT set-up No.	Combination of EUT and AE	Remarks
Set.1	UT01aa+AE1+AE2	Charging mode
Set.2	UT01aa+AE1+AE3+PC	Data transfer mode

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	10-1-2018 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
ICES-003	Information Technology Equipment(ITE)-Limits and methods of measurement	Issue 6

5. LABORATORY ENVIRONMENT

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

Temperature	Min. = 15 °C, Max. = 35 °C
Relative humidity	Min. = 15 %, 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:

Temperature	Min. = 15 °C, Max. = 35 °C
Relative humidity	Min. = 15 %, Max. = 75 %
Shielding effectiveness	0.014MHz-1MHz,>60dB; 1MHz-18000MHz,>90dB
Electrical insulation	>2MΩ
Ground system resistance	<4Ω
VoltageStandingWaveRatio (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

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

Items	Test Name	Clause in FCC/IC rules	Section in this report	Verdict
1	Radiated Emission	15.109(a)/Section 5	A.1	P
2	Conducted Emission	15.107(a)/Section 5	B.2	P

Note:Statements of conformity

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

7. Test Facilities Utilized

NO.	NAME	TYPE	SERIES NUMBER	PRODUCER	CALDUE DATE	CAL PERIOD
1.	Test Receiver	ESR7	101676	R&S	2019.11.28	1 year
2.	TestReceiver	ESCI	100702	R&S	2020.06.19	1 year
3.	Spectrum Analyzer	FSV40	101192	R&S	2020.05.19	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.	Universal Radio Communication Tester	CMU200	114545	R&S	2020.05.16	1 year
8.	PC	ThinkPad E480	PF-0Z56NV	Lenovo	/	/
9.	Printer	P1008	VNF6C12491	HP	/	/
10.	Mouse	MOEUJUA	44NY517	Lenovo	/	/
11.	Chamber	FACT3-2.0	1285	ETS-Lindgren	2021.07.19	2 years
12.	Software	EMC32	V10.01.00	R&S	/	/

ANNEX A: MEASUREMENT RESULTS

A.1 Radiated Emission (§15.109(a))

Reference

FCC: CFR Part 15.109(a)

IC:ICES-003 section 6.2

A.1.1 Method of measurement

The field strength of radiated emissions from the unintentional radiator (Data transfer mode of MS and charging mode of MS) 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: The EUT is keeping on taking photos.

Charging mode: The MS is synchronized to SS, and able to respond to paging messages and incoming call. An established call has been released. The MS is connected to a charger.

Data transfer mode: The model of the PC is Lenovo ThinkPad E480, and the serial number of the PC is PF-0Z56NV. The software is used to let the PC keep on copying data to MS, reading and erasing the data after copy action was finished.

Data transfer mode/TF Card: The model of the PC is Lenovo ThinkPad E480, and the serial number of the PC is PF-0Z56NV. The software is used to let the PC keep on copying data to TF card, reading and erasing the data after copy action was finished.

A.1.3 Measurement Limit

Limit from CFR Part 15.109(a)

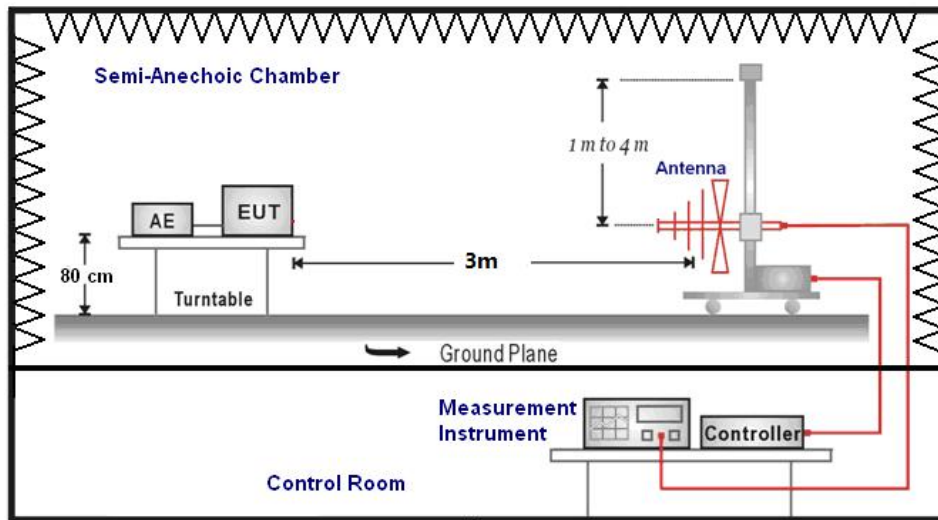
Frequency range (MHz)	Field strength limit ($\mu\text{V}/\text{m}$)		
	Quasi-peak	Average	Peak
30-88	100		
88-216	150		
216-960	200		
960-1000	500		
>1000		500	5000

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

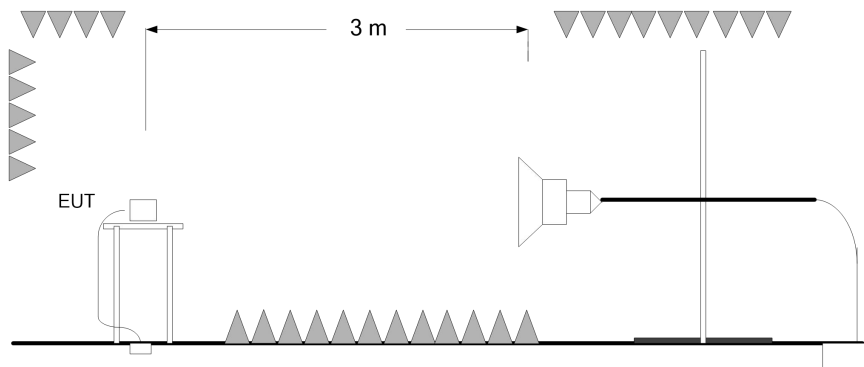
A.1.4 Test Condition

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} : PathLoss

P_{Mea} : Measurement result on receiver.

Note: the result contains vertical part and Horizontal part

RE Measurement uncertainty: 30M-1GHz: 5.12dB (k=2);
1GHz-18GHz: 5.05 dB (k=2)

Set.1 Camera mode / Charging mode / Peak detector

Frequency(MHz)	Result(dBuV/m)	Limit (dB μ V/m)	Margin(dB)	Polarity	ARpl (dB/m)	P_{Mea} (dB μ V)
12647.5	53.68	74	20.32	V	17.3	36.38
13574	54.42	74	19.58	V	16.7	37.72
14533.5	54.7	74	19.3	H	17.9	36.8
15577.5	55.06	74	18.94	V	19.7	35.36
16650	58.01	74	15.99	H	21.8	36.21
17882.5	56.91	74	17.09	V	24	32.91

Set.1 Camera mode / Charging mode / Average detector

Frequency(MHz)	Result(dBuV/m)	Limit (dB μ V/m)	Margin(dB)	Polarity	ARpl (dB/m)	P_{Mea} (dB μ V)
12425.5	41.3	54	12.7	H	16.8	24.5
13394.5	41.49	54	12.51	V	17	24.49
14563	42.34	54	11.66	V	17.9	24.44
15650.5	45.08	54	8.92	V	20	25.08
16630.5	45.55	54	8.45	V	22	23.55
17703.5	45.23	54	8.77	V	23.1	22.13

Set.1 IDEL mode /Charging mode / Peak detector

Frequency(MHz)	Result(dBuV/m)	Limit (dB μ V/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dB μ V)
13355	53.13	74	20.87	H	17.1	36.03
14022.5	53.77	74	20.23	H	16.9	36.87
14585	54.57	74	19.43	H	17.9	36.67
16252.5	56.8	74	17.2	H	21	35.8
17043.5	57.77	74	16.23	H	22.3	35.47
17708.5	57.64	74	16.36	V	23.1	34.54

Set.1 IDEL mode /Charging mode / Average detector

Frequency(MHz)	Result(dBuV/m)	Limit (dB μ V/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dB μ V)
13392.5	41.47	54	12.53	V	17	24.47
13950.5	41.65	54	12.35	V	17.2	24.45
14549.5	42.23	54	11.77	H	17.9	24.33
15670.5	44.99	54	9.01	V	20.1	24.89
16593.5	45.57	54	8.43	V	22.3	23.27
17705	45.12	54	8.88	V	23.1	22.02

Set.2 Data transfer mode /PC to EUT/ Peak detector

Frequency(MHz)	Result(dBuV/m)	Limit (dB μ V/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dB μ V)
12910.5	53.44	74	20.56	H	17	36.44
13899.5	53.8	74	20.2	H	17.4	36.4
14690	54.24	74	19.76	V	17.8	36.44
15641	56.66	74	17.34	V	20	36.66
16576.5	57.67	74	16.33	V	22.1	35.57
17467	57.03	74	16.97	V	22.4	34.63

Set.2 Data transfer mode /PC to EUT/ Average detector

Frequency(MHz)	Result(dBuV/m)	Limit (dB μ V/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dB μ V)
13378.5	41.54	54	12.46	V	17	24.54
13954	41.65	54	12.35	H	17.1	24.55
14563	42.29	54	11.71	H	17.9	24.39
15657.5	44.92	54	9.08	V	20.1	24.82
16627.5	45.66	54	8.34	H	22.1	23.56
17699.5	45.27	54	8.73	V	23.1	22.17

Set.2 Data transfer mode /EUT to PC/ Peak detector

Frequency(MHz)	Result(dBuV/m)	Limit (dB μ V/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dB μ V)
13399	53.78	74	20.22	H	17	36.78
13871	53.4	74	20.6	V	17.2	36.2
14535.5	54.01	74	19.99	H	17.9	36.11
15601.5	57.37	74	16.63	H	19.9	37.47
16614.5	58.1	74	15.9	H	22.2	35.9
17686	57.91	74	16.09	V	23	34.91

Set.2 Data transfer mode /EUT to PC/ Average detector

Frequency(MHz)	Result(dBuV/m)	Limit (dB μ V/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dB μ V)
13395	41.45	54	12.55	H	17	24.45
13951	41.59	54	12.41	H	17.2	24.39
14535.5	42.4	54	11.6	V	17.9	24.5
15670	44.99	54	9.01	H	20.1	24.89
16630.5	45.54	54	8.46	H	22	23.54
17700.5	45.48	54	8.52	V	23.1	22.38

Set.2 Data transfer mode /TF Card /PC to TF Card /Peak detector

Frequency(MHz)	Result(dBuV/m)	Limit (dB μ V/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dB μ V)
14063.5	53.64	74	20.37	V	16.7	36.94
14584.5	54.51	74	19.49	H	17.9	36.61
15566	55.49	74	18.51	V	19.5	35.99
15667.5	57.02	74	16.98	H	20.1	36.92
17049	57.59	74	16.41	H	22.2	35.39
17662	57.56	74	16.44	H	22.6	34.96

Set.2 Data transfer mode /TF Card /PC to TF Card /Average detector

Frequency(MHz)	Result(dBuV/m)	Limit (dB μ V/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dB μ V)
13985	41.71	54	12.29	H	17	24.71
14563.5	42.56	54	11.44	V	17.9	24.66
15577	43.98	54	10.02	V	19.6	24.38
15670	45.14	54	8.86	V	20.1	25.04
16648.5	45.68	54	8.32	H	21.8	23.88
17700.5	45.43	54	8.57	V	23.1	22.33

Set.2 Data transfer mode /TF Card /TF Card to PC /Peak detector

Frequency(MHz)	Result(dBuV/m)	Limit (dB μ V/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dB μ V)
13952	54.17	74	19.83	H	17.2	36.97
14503	54.42	74	19.58	V	17.9	36.52
15574	56.17	74	17.83	V	19.6	36.57
15657.5	57	74	17	H	20.1	36.9
16560.5	58.04	74	15.96	H	21.9	36.14
17339	57.32	74	16.68	V	22.1	35.22

Set.2 Data transfer mode /TF Card /TF Card to PC /Average detector

Frequency(MHz)	Result(dBuV/m)	Limit (dB μ V/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dB μ V)
13966	41.75	54	12.25	V	17.1	24.65
14539	42.56	54	11.44	H	17.9	24.66
15573	44.17	54	9.83	V	19.6	24.57
15650	45.2	54	8.8	H	20	25.2
16655	45.75	54	8.25	V	21.8	23.95
17696.5	45.57	54	8.43	H	23.1	22.47

Camera mode / Charging mode: Set 1

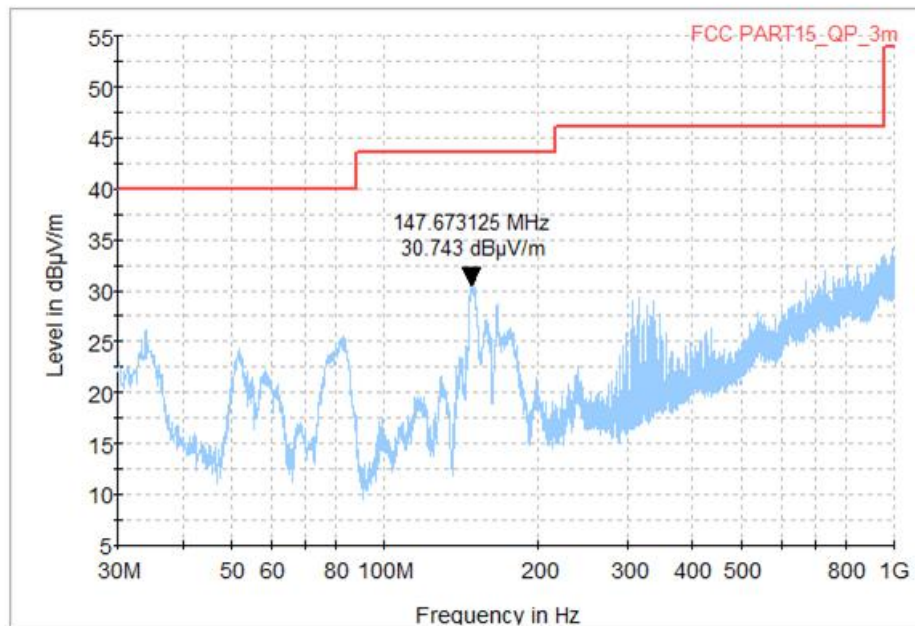


Figure A.1 Radiated Emission from 30MHz to 1GHz

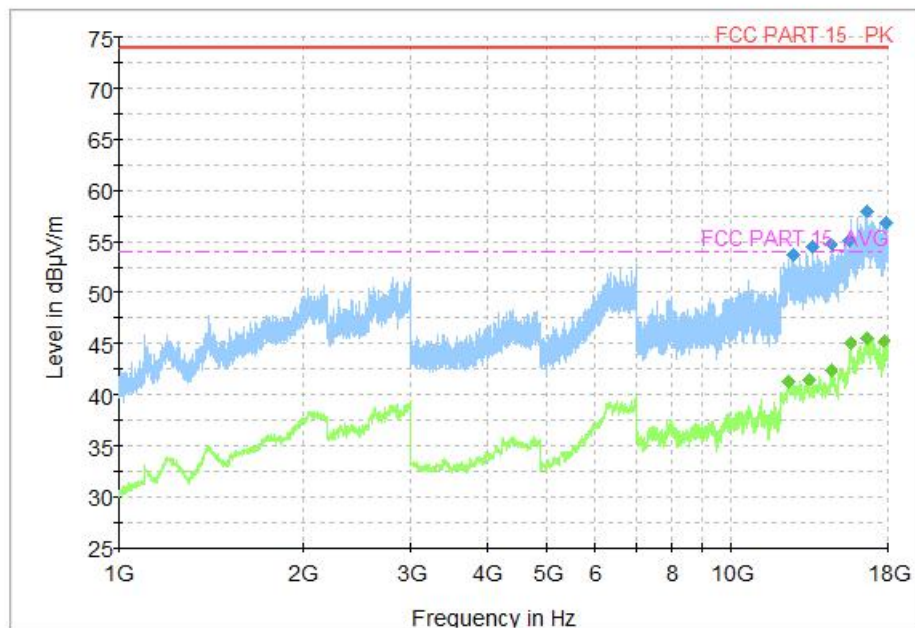


Figure A.2 Radiated Emission from 1GHz to 18GHz

IDLE mode / Charging mode: Set 1

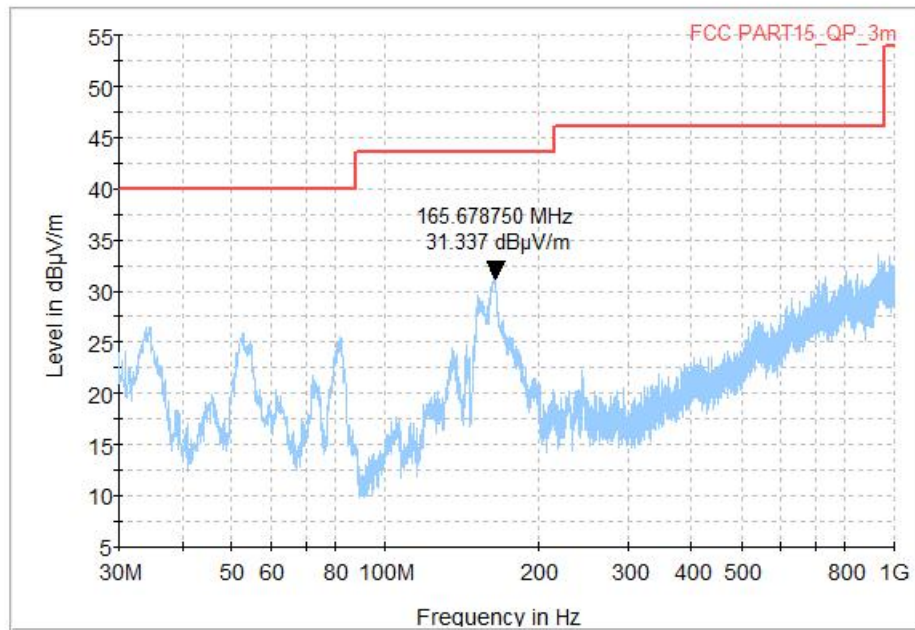


Figure A.3 Radiated Emission from 30MHz to 1GHz

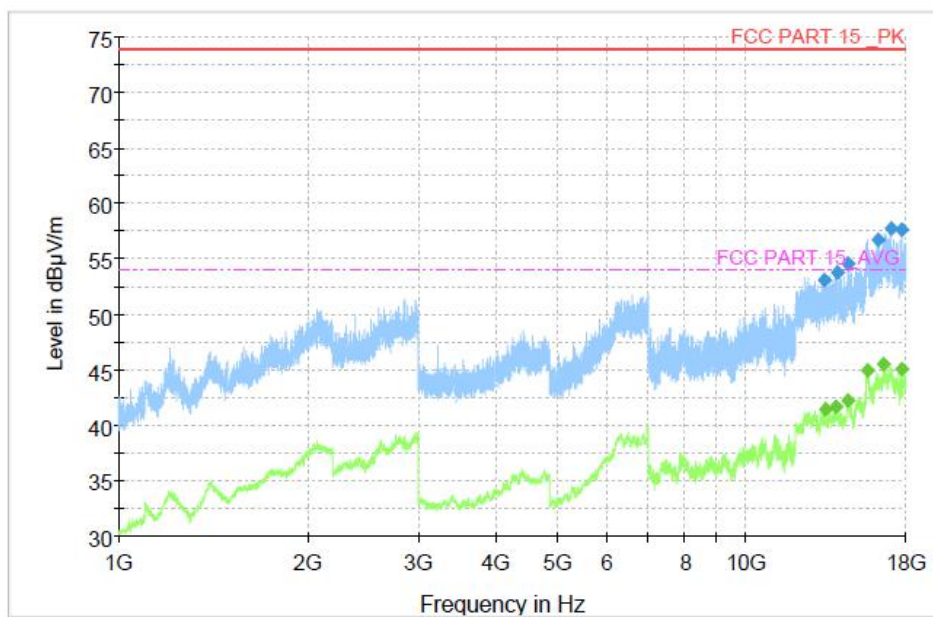


Figure A.4 Radiated Emission from 1GHz to 18GHz

Data transfer mode/PC to EUT: Set 2

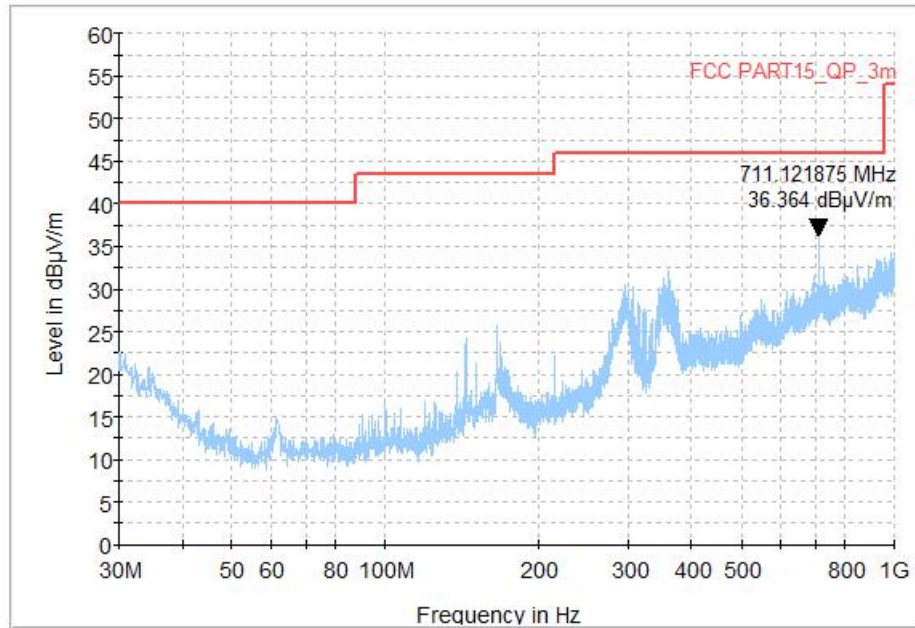


Figure A.5 Radiated Emission from 30MHz to 1GHz

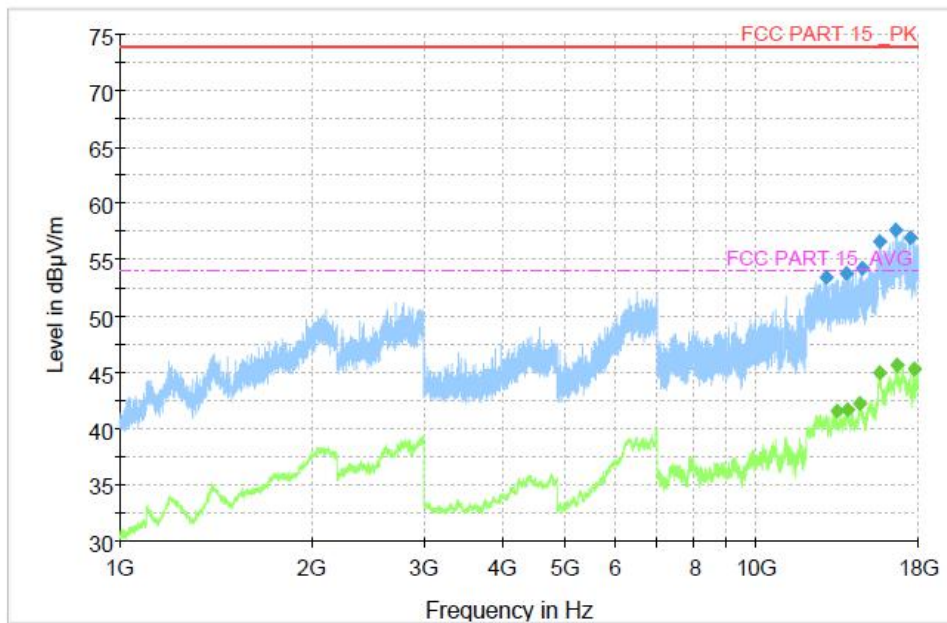


Figure A.6 Radiated Emission from 1GHz to 18GHz

Data transfer mode/EUT to PC: Set 2

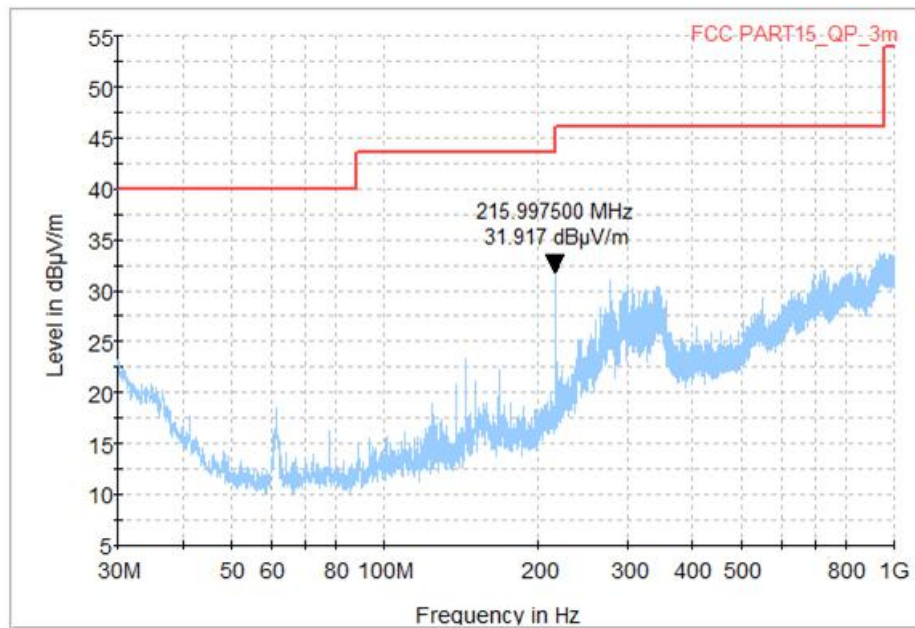


Figure A.7 Radiated Emission from 30MHz to 1GHz

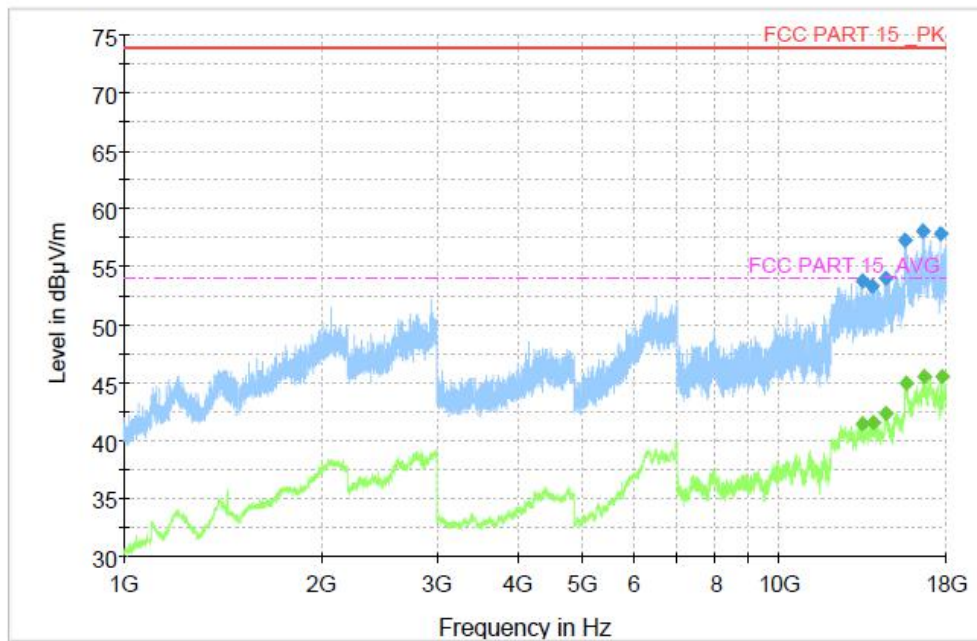


Figure A.8 Radiated Emission from 1GHz to 18GHz

Data transfer mode/TF Card Mode/ PC to TF Card: Set 2

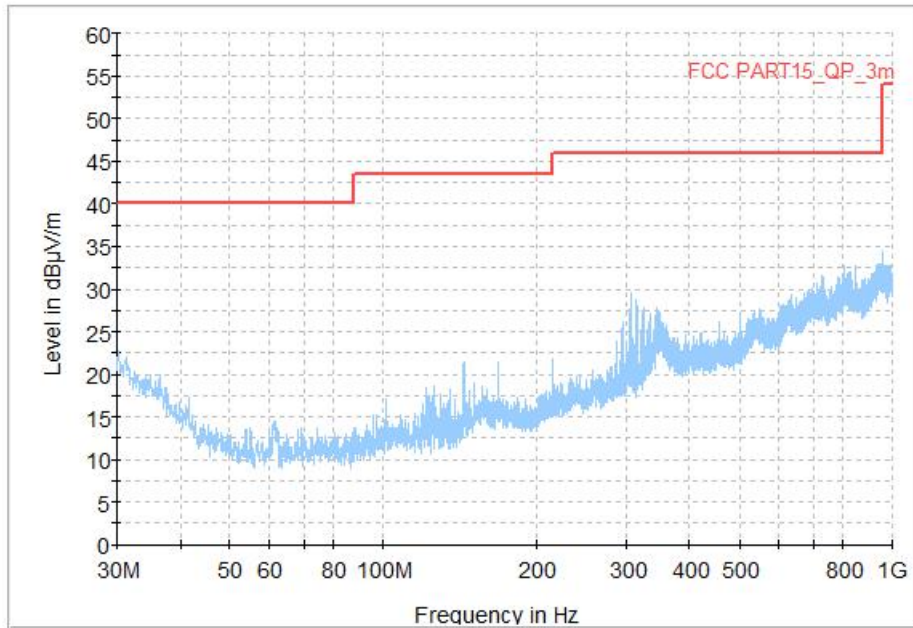


Figure A.9 Radiated Emission from 30MHz to 1GHz

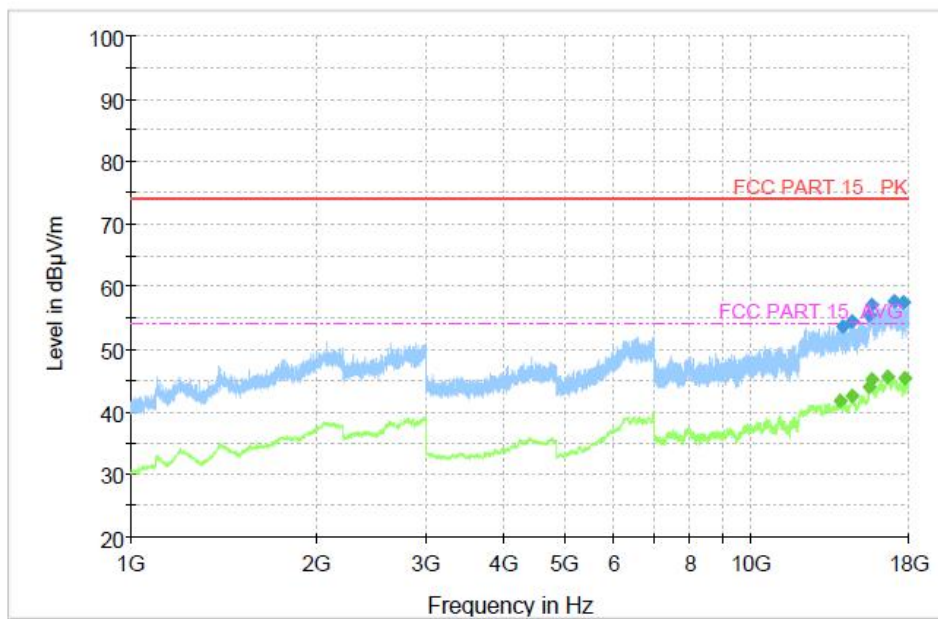


Figure A.10 Radiated Emission from 1GHz to 18GHz

Data transfer mode/TF Card Mode/TF Card to PC: Set 2

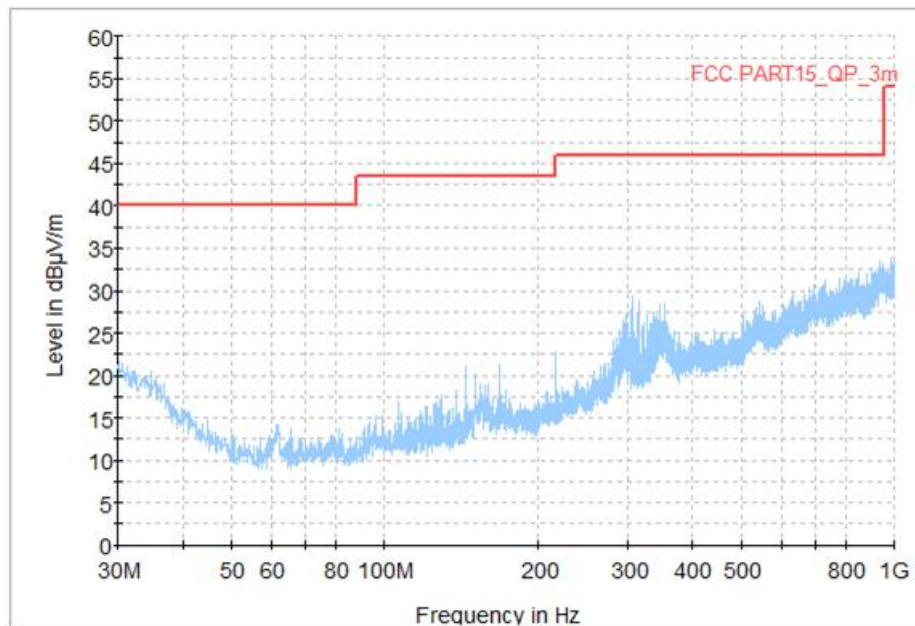


Figure A.11 Radiated Emission from 30MHz to 1GHz

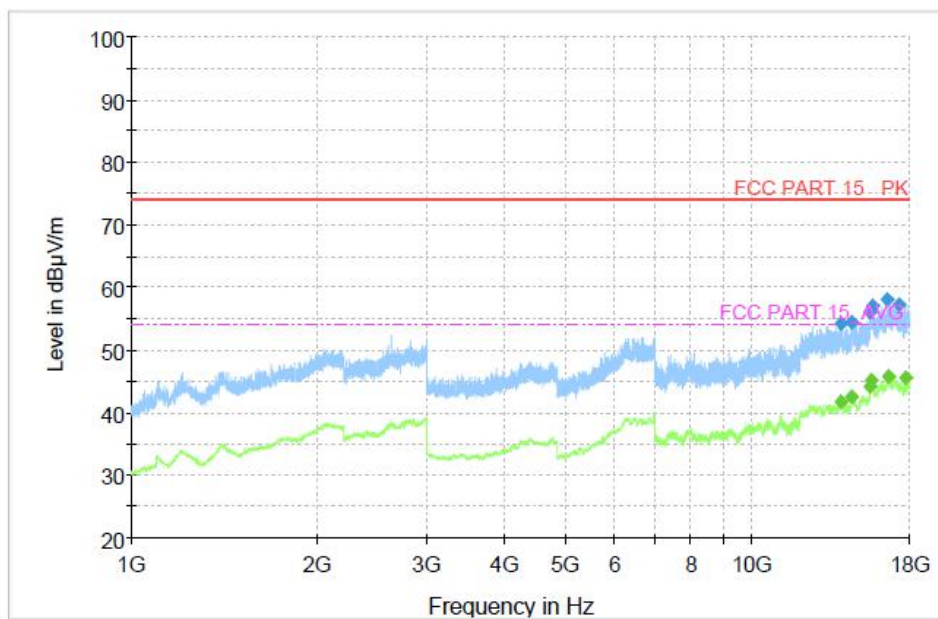


Figure A.12 Radiated Emission from 1GHz to 18GHz

B.2 Conducted Emission (§15.107(a))

Reference

FCC: CFR Part 15.107(a)

IC:ICES-003 section 6.2

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:

Camera mode: The EUT is keeping on taking photos.

Charging mode: The MS is synchronized to SS, and able to respond to paging messages and incoming call. An established call has been released.The MS is connected to a charger.

Data transfer mode: The model of the PC is Lenovo ThinkPad E480, and the serial number of the PC is PF-0Z56NV. The software is used to let the PC keep on copying data to MS, reading and erasing the data after copy action was finished.

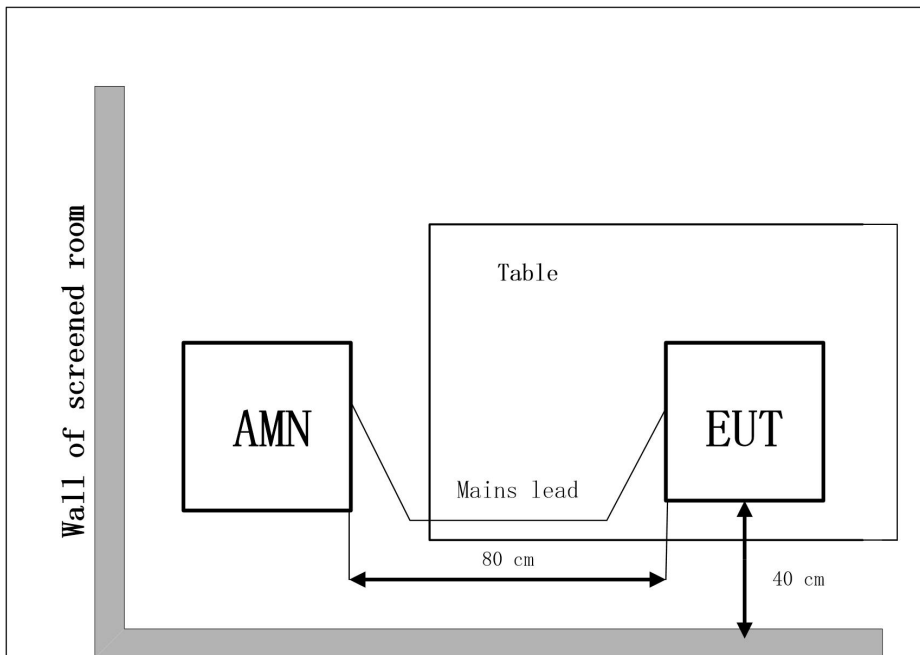
Data transfer mode/TF Card: The model of the PC is Lenovo ThinkPad E480, and the serial number of the PC is PF-0Z56NV. The software is used to let the PC keep on copying data to TF card, reading and erasing the data after copy action was finished.

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

CE Measurement uncertainty: 3.00 dB (k=2)

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 / Charging mode: Set 1
Voltage: 120V

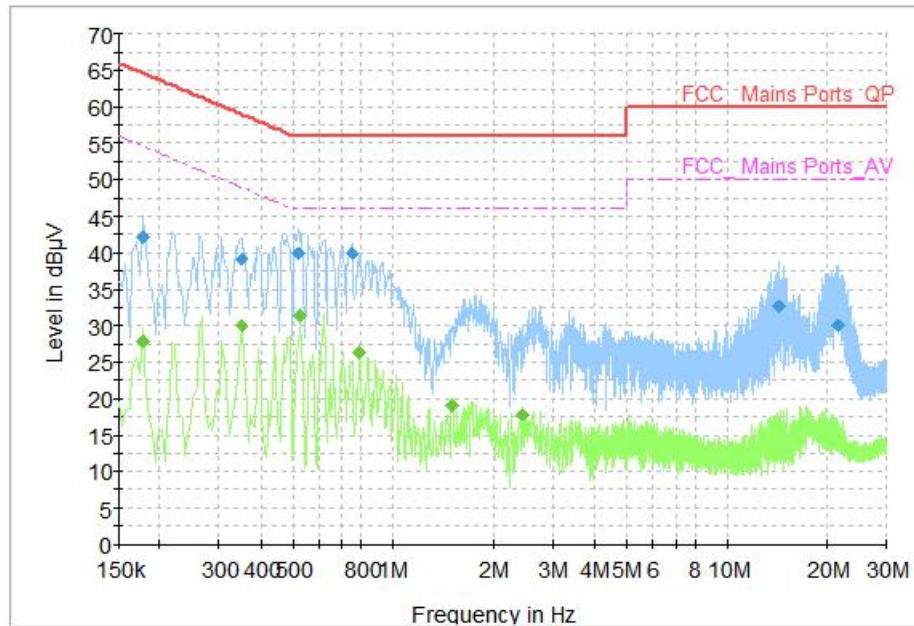


Figure B.1 Conducted Emission

Final Measurement Detector 1

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.178	42.18	64.58	22.4	N	9.6	32.58
0.35	39.13	58.96	19.83	L1	9.7	29.43
0.518	39.78	56	16.22	N	9.7	30.08
0.754	39.82	56	16.18	L1	9.7	30.12
14.266	32.56	60	27.44	N	9.9	22.66
21.618	30.03	60	29.97	N	10.4	19.63

Final Measurement Detector 2

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.178	27.85	54.58	26.73	L1	9.7	18.15
0.35	29.93	48.96	19.03	L1	9.7	20.23
0.526	31.46	46	14.54	L1	9.7	21.76
0.794	26.23	46	19.77	L1	9.7	16.53
1.498	18.98	46	27.02	L1	9.7	9.28
2.438	17.84	46	28.16	L1	9.7	8.14

IDEL mode / Charging mode: Set 1
Voltage: 120V

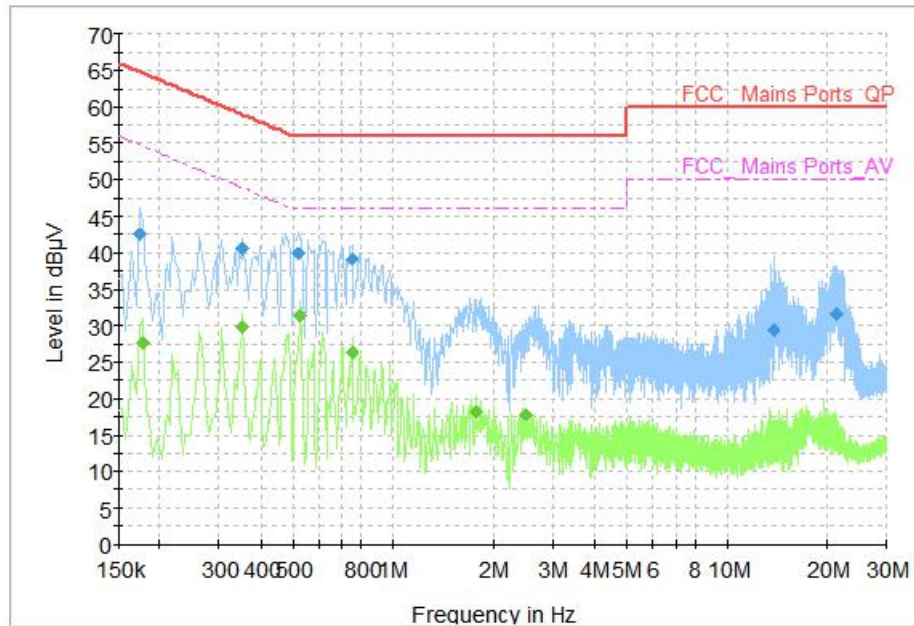


Figure B.2 Conducted Emission

Final Measurement Detector 1

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.174	42.51	64.77	22.25	N	9.6	32.91
0.354	40.48	58.87	18.39	L1	9.7	30.78
0.518	39.82	56	16.18	N	9.7	30.12
0.75	39.16	56	16.84	L1	9.7	29.46
13.758	29.44	60	30.56	N	9.9	19.54
21.254	31.58	60	28.42	N	10.4	21.18

Final Measurement Detector 2

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.178	27.67	54.58	26.91	L1	9.7	17.97
0.354	29.81	48.87	19.06	L1	9.7	20.11
0.53	31.45	46	14.55	L1	9.7	21.75
0.75	26.22	46	19.78	L1	9.7	16.52
1.77	18.1	46	27.9	N	9.7	8.40
2.478	17.87	46	28.13	L1	9.7	8.17

Data transfer mode/EUT TO PC: Set 2
Voltage: 120V

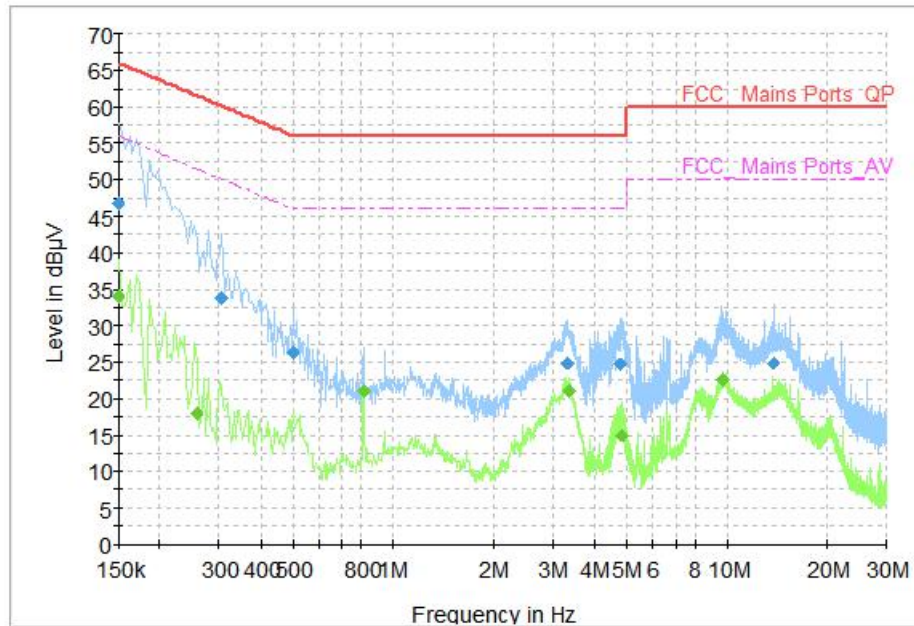


Figure B.3 Conducted Emission

Final Measurement Detector 1

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.15	46.75	66	19.25	N	9.6	37.15
0.306	33.93	60.08	26.15	N	9.6	24.33
0.502	26.36	56	29.64	L1	9.7	16.66
3.33	24.82	56	31.18	N	9.7	15.12
4.81	24.64	56	31.36	N	9.7	14.94
13.75	24.82	60	35.18	N	9.9	14.92

Final Measurement Detector 2

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.15	34.01	56	21.99	N	9.6	24.41
0.258	17.94	51.5	33.56	N	9.6	8.34
0.814	21.06	46	24.94	N	9.7	11.36
3.358	20.93	46	25.07	N	9.7	11.23
4.854	14.96	46	31.04	N	9.7	5.26
9.734	22.49	50	27.51	L1	9.8	12.69

Data transfer mode/PC TO EUT: Set 2
Voltage: 120V

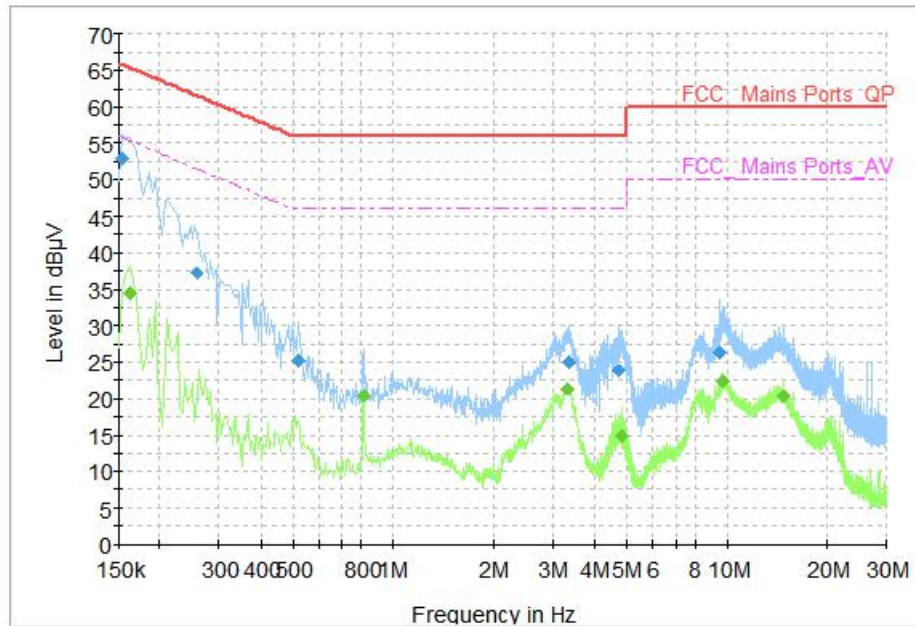


Figure B.4 Conducted Emission

Final Measurement Detector 1

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.154	52.95	65.78	12.83	L1	9.7	43.25
0.258	37.13	61.5	24.36	L1	9.7	27.43
0.518	25.25	56	30.75	L1	9.7	15.55
3.35	25.06	56	30.94	N	9.7	15.36
4.746	23.86	56	32.14	N	9.7	14.16
9.514	26.29	60	33.71	L1	9.8	16.49

Final Measurement Detector 2

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.162	34.3	55.36	21.06	N	9.6	24.70
0.814	20.52	46	25.48	N	9.7	10.82
3.322	21.33	46	24.67	N	9.7	11.63
4.826	14.88	46	31.12	N	9.7	5.18
9.746	22.31	50	27.69	L1	9.8	12.51
14.722	20.2	50	29.8	N	10.0	10.20

Data transfer mode/TF Card TO PC: Set 2
Voltage: 120V

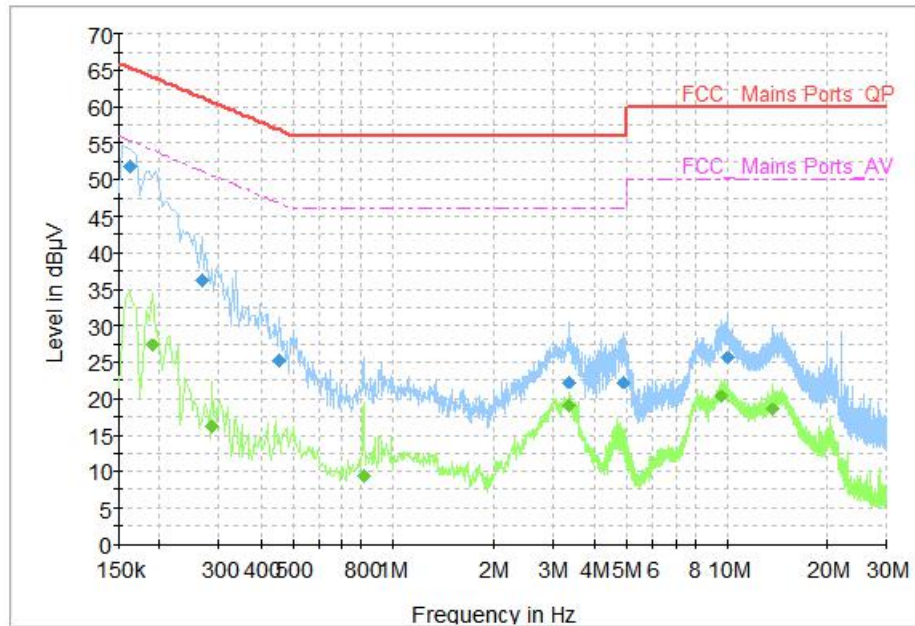


Figure B.5 Conducted Emission

Final Measurement Detector 1

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.162	51.83	65.36	13.53	N	9.6	42.23
0.266	36.12	61.24	25.13	N	9.6	26.52
0.454	25.24	56.8	31.56	L1	9.7	15.54
3.366	22.28	56	33.72	N	9.7	12.58
4.87	22.26	56	33.74	N	9.7	12.56
10.09	25.51	60	34.49	L1	9.8	15.71

Final Measurement Detector 2

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.19	27.32	54.04	26.71	L1	9.7	17.62
0.286	16.24	50.64	34.4	L1	9.7	6.54
0.814	9.39	46	36.61	L1	9.7	-0.31
3.374	18.97	46	27.03	N	9.7	9.27
9.646	20.33	50	29.67	L1	9.8	10.53
13.678	18.49	50	31.51	N	9.9	8.59

Data transfer mode/PC TO TF Card: Set 2
Voltage: 120V

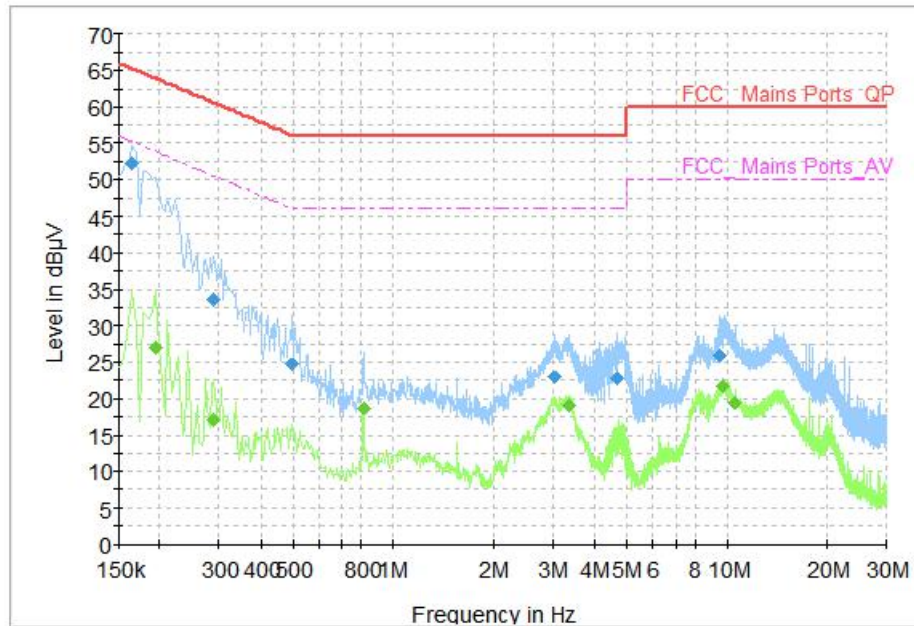


Figure B.6 Conducted Emission

Final Measurement Detector 1

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.166	52.13	65.16	13.03	L1	9.7	42.43
0.29	33.58	60.52	26.95	L1	9.7	23.88
0.498	24.66	56.03	31.38	L1	9.7	14.96
3.038	22.87	56	33.13	N	9.7	13.17
4.682	22.68	56	33.32	N	9.7	12.98
9.518	25.89	60	34.11	L1	9.8	16.09

Final Measurement Detector 2

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.194	26.97	53.86	26.89	L1	9.7	17.27
0.29	17.08	50.52	33.45	L1	9.7	7.38
0.814	18.65	46	27.35	N	9.7	8.95
3.358	19.06	46	26.94	N	9.7	9.36
9.742	21.69	50	28.31	L1	9.8	11.89
10.562	19.41	50	30.59	L1	9.9	9.51

Camera mode / Charging mode: Set 1
Voltage: 240V

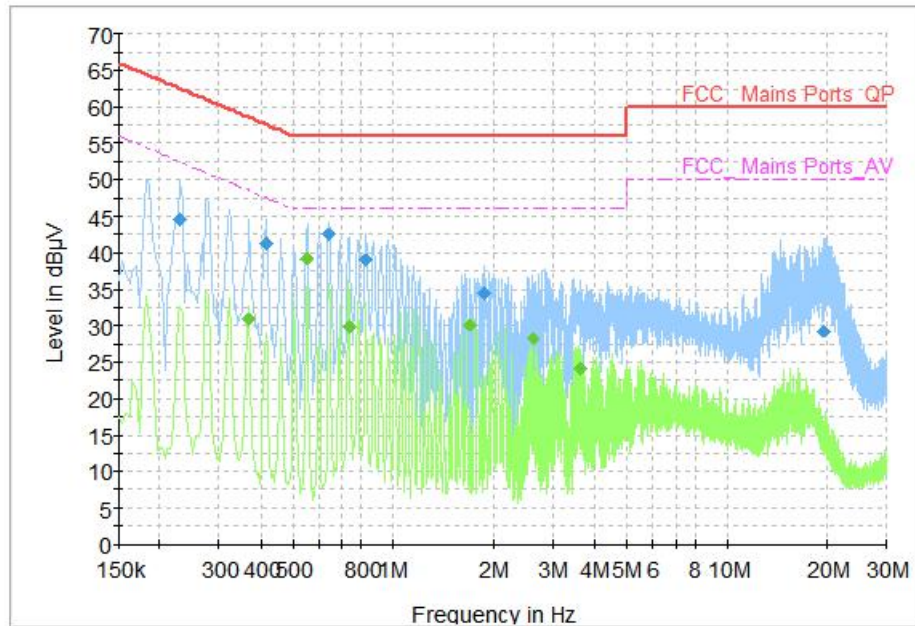


Figure B.7 Conducted Emission

Final Measurement Detector 1

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.23	44.67	62.45	17.78	N	9.6	35.07
0.414	41.23	57.57	16.34	N	9.7	31.53
0.642	42.42	56	13.58	L1	9.7	32.72
0.83	39.03	56	16.97	N	9.7	29.33
1.882	34.43	56	21.57	N	9.7	24.73
19.37	29.35	60	30.65	N	10.4	18.95

Final Measurement Detector 2

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.37	30.82	48.5	17.68	L1	9.7	21.12
0.55	39.21	46	6.79	L1	9.7	29.51
0.738	29.75	46	16.25	L1	9.7	20.05
1.698	30.16	46	15.84	L1	9.7	20.46
2.614	28.28	46	17.72	L1	9.7	18.58
3.626	24.16	46	21.84	L1	9.7	14.46

IDEL mode / Charging mode: Set 1
Voltage: 240V

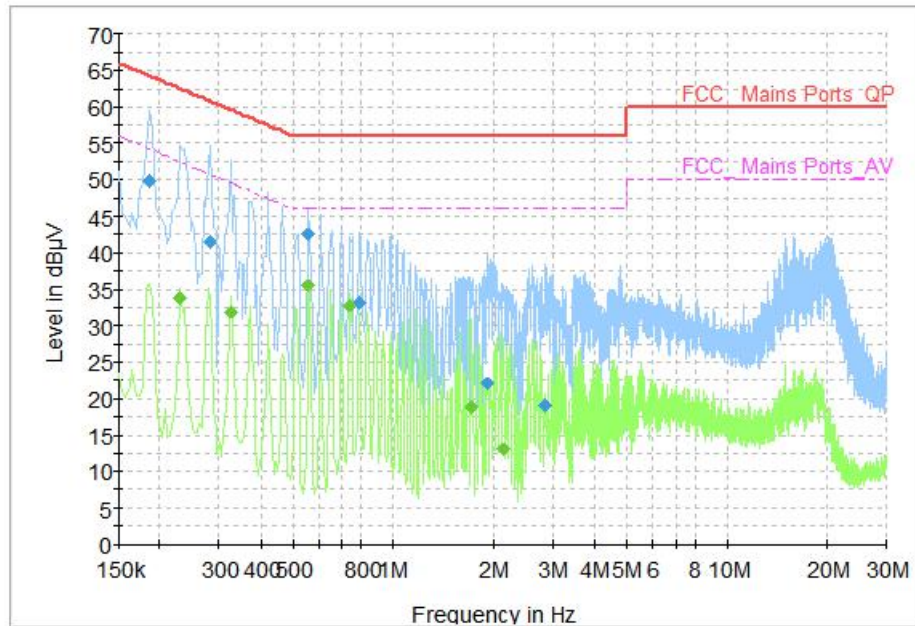


Figure B.8 Conducted Emission

Final Measurement Detector 1

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.186	49.83	64.21	14.39	N	9.6	40.23
0.282	41.51	60.76	19.25	N	9.6	31.91
0.558	42.47	56	13.53	L1	9.7	32.77
0.794	33.07	56	22.93	N	9.7	23.37
1.91	22.05	56	33.95	N	9.7	12.35
2.842	19.03	56	36.97	N	9.7	9.33

Final Measurement Detector 2

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.23	33.93	52.45	18.52	L1	9.7	24.23
0.326	31.85	49.55	17.7	L1	9.7	22.15
0.558	35.48	46	10.52	L1	9.7	25.78
0.742	32.73	46	13.27	L1	9.7	23.03
1.718	18.95	46	27.05	L1	9.7	9.25
2.138	13.07	46	32.93	L1	9.7	3.37

Data transfer mode/EUT TO PC: Set 2
Voltage: 240V

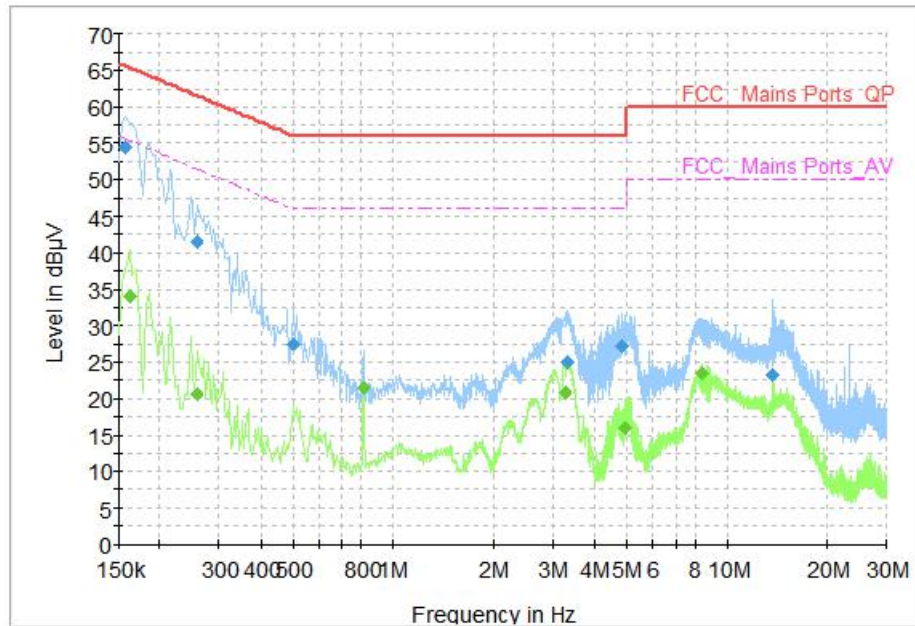


Figure B.9 Conducted Emission

Final Measurement Detector 1

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.158	54.57	65.57	11	N	9.6	44.97
0.258	41.37	61.5	20.12	N	9.6	31.77
0.506	27.42	56	28.58	L1	9.7	17.72
3.346	25.05	56	30.95	N	9.7	15.35
4.818	27.18	56	28.82	N	9.7	17.48
13.694	23.31	60	36.69	L1	10.0	13.31

Final Measurement Detector 2

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.162	34.04	55.36	21.32	N	9.6	24.44
0.258	20.7	51.5	30.8	N	9.6	11.10
0.814	21.54	46	24.46	N	9.7	11.84
3.262	20.84	46	25.17	L1	9.7	11.14
4.966	16.12	46	29.88	N	9.7	6.42
8.45	23.41	50	26.59	N	9.8	13.61

Data transfer mode/PC TO EUT: Set 2
Voltage: 240V

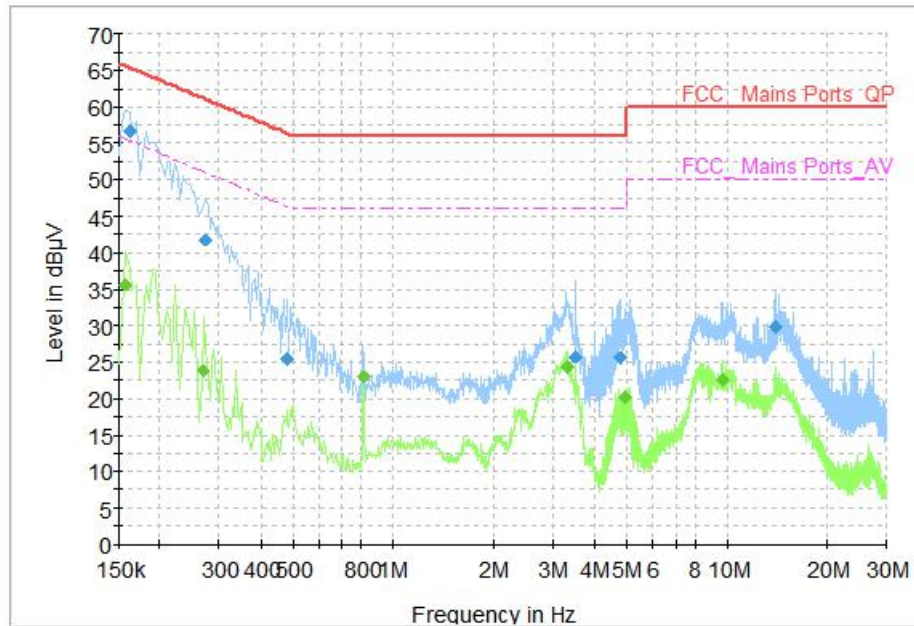


Figure B.10 Conducted Emission

Final Measurement Detector 1

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.162	56.68	65.36	8.68	N	9.6	47.08
0.274	41.87	61	19.12	L1	9.7	32.17
0.482	25.4	56.31	30.91	N	9.7	15.70
3.518	25.78	56	30.22	L1	9.7	16.08
4.79	25.65	56	30.35	N	9.7	15.95
13.958	29.79	60	30.21	N	9.9	19.89

Final Measurement Detector 2

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.158	35.56	55.57	20	N	9.6	25.96
0.27	23.72	51.12	27.4	N	9.6	14.12
0.814	22.96	46	23.04	N	9.7	13.26
3.33	24.26	46	21.74	N	9.7	14.56
4.982	20.13	46	25.87	N	9.7	10.43
9.738	22.51	50	27.49	N	9.8	12.71

Data transfer mode/TF Card TO PC: Set 2
Voltage: 240V

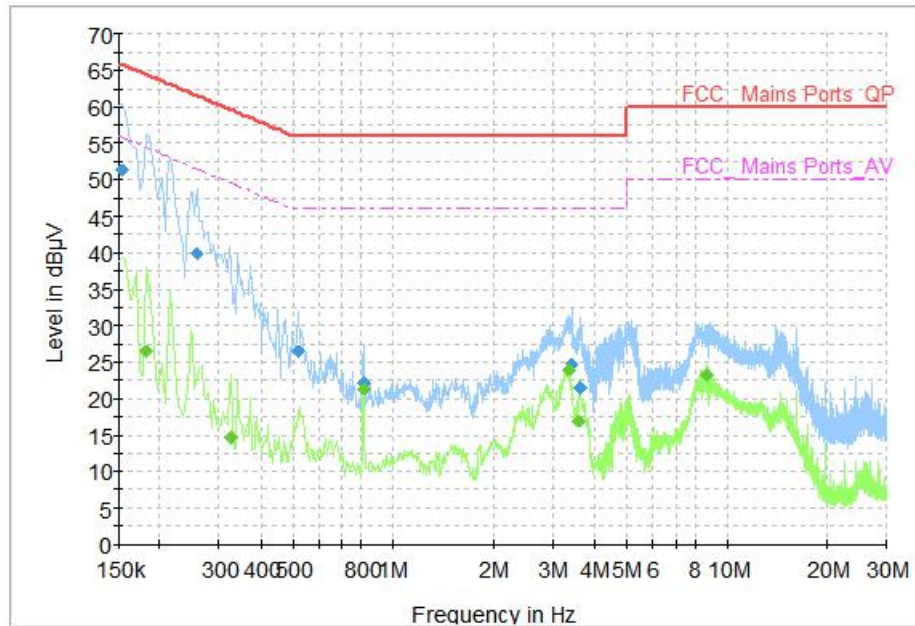


Figure B.11 Conducted Emission

Final Measurement Detector 1

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.154	51.33	65.78	14.45	L1	9.7	41.63
0.258	39.8	61.5	21.69	L1	9.7	30.10
0.518	26.51	56	29.49	L1	9.7	16.81
0.814	22.21	56	33.79	L1	9.7	12.51
3.422	24.73	56	31.27	N	9.7	15.03
3.634	21.51	56	34.49	N	9.7	11.81

Final Measurement Detector 2

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.182	26.43	54.39	27.96	L1	9.7	16.73
0.326	14.71	49.55	34.84	L1	9.7	5.01
0.814	21.27	46	24.73	N	9.7	11.57
3.35	24.06	46	21.94	L1	9.7	14.36
3.622	16.88	46	29.12	N	9.7	7.18
8.71	23.35	50	26.65	N	9.8	13.55

Data transfer mode/PC TO TF Card: Set 2
Voltage: 240V

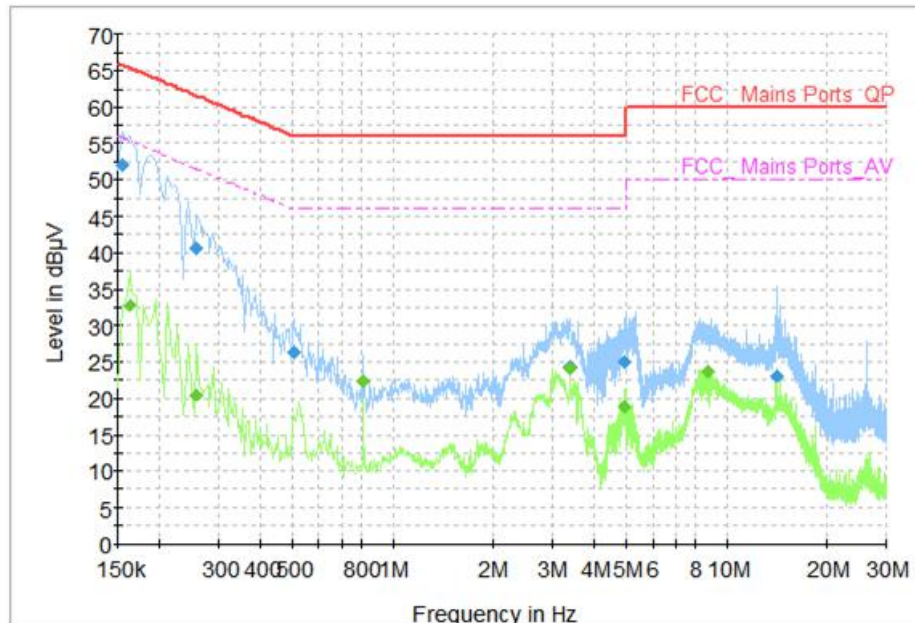


Figure B.12 Conducted Emission

Final Measurement Detector 1

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.154	51.94	65.78	13.84	L1	9.7	42.24
0.258	40.5	61.5	20.99	L1	9.7	30.80
0.506	26.23	56	29.77	L1	9.7	16.53
3.398	24.26	56	31.74	L1	9.7	14.56
4.934	25.07	56	30.93	N	9.7	15.37
14.13	23.13	60	36.87	N	9.9	13.23

Final Measurement Detector 2

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBµV)
0.162	32.72	55.36	22.64	L1	9.7	23.02
0.258	20.51	51.5	30.98	L1	9.7	10.81
0.814	22.45	46	23.55	N	9.7	12.75
3.398	24.22	46	21.78	L1	9.7	14.52
4.926	18.81	46	27.19	N	9.7	9.11
8.766	23.61	50	26.39	N	9.8	13.81

END OF REPORT