



TESTREPORT

No.I19N03140-EMC

for

TCL Communication Ltd.

Bluetooth Keyboard

Model Name: KB20

FCC ID: 2ACCJACC04

Hardware Version: 1.0

Software Version: 3615

Issued Date: 2020-01-19

Designation Number: CN1210

Note:

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

Test Laboratory:

Shenzhen Academy of Information and Communications Technology

Building G, Shenzhen International Innovation Center, No.1006 Shennan Road, Futian District, Shenzhen, Guangdong, P. R. China 518026.

Tel:+86(0)755-33322000, Fax:+86(0)755-33322001 Email:yewu@caict.ac.cn www.cszit.com

REPORT HISTORY

Report Number	Revision	Description	Issue Date
I19N03140-EMC	Rev.0	1st edition	2020-01-19

CONTENTS

1. SUMMARY OF TEST REPORT.....	4
1.1. TEST ITEMS	4
1.2. TEST STANDARDS	4
1.3. TEST RESULT.....	4
1.4. TESTING LOCATION	4
1.5. PROJECT DATA	4
1.6. SIGNATURE	4
2. CLIENT INFORMATION.....	5
2.1. APPLICANT INFORMATION.....	5
2.2. MANUFACTURER INFORMATION.....	5
3. EQUIPMENT UNDERTEST (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
6.1. TESTING ENVIRONMENT	10
6.2. SUMMARY OF MEASUREMENT RESULTS.....	10
6.3. STATEMENT	10
7. MEASUREMENT UNCERTAINTY	11
8. TEST FACILITIES UTILIZED	11
ANNEX A: MEASUREMENT RESULTS.....	12
A.1 RADIATED EMISSION (§15.109(A)).....	12
B.2 CONDUCTED EMISSION (§15.107(A))	22

1. Summary of Test Report

1.1. Test Items

Description	Bluetooth Keyboard
Model Name	KB20
Applicant's name	TCL Communication Ltd.
Manufacturer's Name	TCL Communication Ltd.

1.2. Test Standards

FCC Part 15, Subpart B 10-1-2018 Edition; ANSI C63.4 2014

1.3. Test Result

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

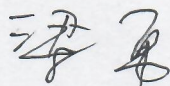
1.4. Testing Location

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

1.5. Project data

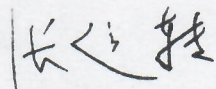
Testing Start Date:	2019-12-31
Testing End Date:	2020-01-16

1.6. Signature



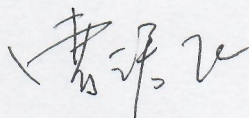
Liang Yong

(Prepared this test report)



Zhang Yunzhuan

(Reviewed this test report)



Cao Junfei

Director of the laboratory

(Approved this test report)

2. ClientInformation

2.1. Applicant Information

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

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

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

3.1. About EUT

Description	Bluetooth Keyboard
Model Name	KB20
FCC ID	2ACCJACC04
Functions	Bluetooth
Condition of EUT as received	No obvious damage in appearance

The Equipment Under Test (EUT) are a model of Bluetooth Keyboard 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	/	1.0	3615	2019-12-31

*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	Charger	/
AE3	Data cable	/
AE1		
Model	301850	
Manufacturer	DZH	
Capacity	180mAh	
Nominal Voltage	3.7V	
AE2-1		
Model	UC11US	
Manufacturer	PUAN	
AE2-2		
Model	UC11US	
Manufacturer	CHENGYANG	
AE3		
Model	CDA3122005C2	
Manufacturer	SHENGHUA	

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

Remark: The above AE's information is declared by manufacturer.

3.4. EUT set-ups

EUT set-up No.	Combination of EUT and AE	Remarks
Set.1	UT01aa+AE1+AE2-1+AE3	Charging Mode
Set.2	UT01aa+AE1+AE2-2+AE3	Charging Mode
Set.3	UT01aa+AE1+AE3	Connecting PC 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

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. = 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:

9.10m×6.10m×5.60m (L×W×H)

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
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
RE	30MHz-1GHz	4.90dB(k=2)
	1GHz-18GHz	4.60dB(k=2)
CE	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	100702	R&S	2021.01.14	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.	Chamber	FACT3-2.0	1285	ETS-Lindgren	2021.07.19	2 years
8.	Software	EMC32	V10.01.00	R&S	/	/
9.	PC	ThinkPad T480	PF-13LW0C	Lenovo	/	/
10.	Printer	P1008	VNF6C12491	HP	/	/
11.	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 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:

Charging Mode: At the beginning of measurement, the battery is completely discharged. The battery and charger are installed so that the EUT works well and is in charging state.

Connecting PC 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 charging.

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

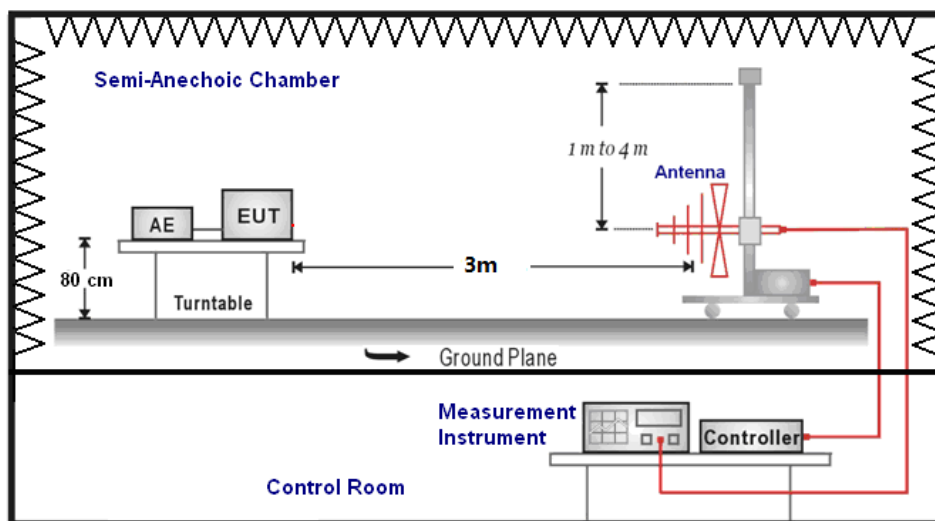
*Note: The original limit is defined at 10m test distance. This limit is calculated according to CISPR requirements.

A.1.4 Test Condition

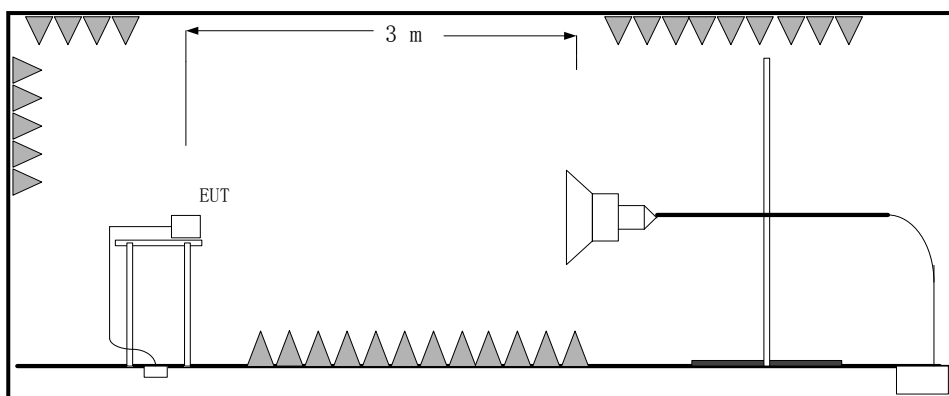
Frequency of emission (MHz)	RBW/VBW	Sweep Time(s)
30-1000	120kHz (IF bandwidth)	5
Above 1000	1MHz/3MHz	15

A.1.5 Test set-up:

30MHz-1GHz



1GHz-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:

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

Where

G_A : Antenna factor of receive antenna

G_{PL} : Path Loss

P_{Mea} : Measurement result on receiver.

Note: the result contains vertical part and Horizontal part

Set.1 Charging Mode / Peak detector

Frequency(MHz)	Result(dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P_{Mea} (dBμV)
9056	44.33	74.00	29.67	H	3.6	40.73
10186.5	45.50	74.00	28.50	V	5.0	40.50
11503.5	46.88	74.00	27.12	H	6.1	40.78
14159.5	47.97	74.00	26.03	H	10.6	37.37
15838	48.74	74.00	25.26	H	12.8	35.94
17901	52.13	74.00	21.87	V	16.3	35.83

Set.1 Charging Mode / Average detector

Frequency(MHz)	Result(dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P_{Mea} (dBμV)
8827	34.11	54.00	19.89	H	3.2	30.91
9899.5	35.20	54.00	18.80	H	4.5	30.70
10998.5	35.39	54.00	18.61	V	5.1	30.29
12678.5	37.32	54.00	16.68	H	7.8	29.52
14596	38.86	54.00	15.14	H	11.3	27.56
17131.5	40.27	54.00	13.73	H	15.0	25.27

Set.2 Charging Mode / Peak detector

Frequency(MHz)	Result(dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBμV)
9965	45.38	74.00	28.62	H	4.6	40.78
11023	46.33	74.00	27.67	V	5.0	41.33
12638.5	47.36	74.00	26.64	H	7.6	39.76
14912	49.33	74.00	24.67	H	11.1	38.23
16223.5	50.37	74.00	23.63	H	14.3	36.07
17102.5	51.00	74.00	23	V	15.1	35.90

Set.2 Charging Mode / Average detector

Frequency(MHz)	Result(dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBμV)
10680.5	35.52	54.00	18.48	H	4.9	30.62
12107.5	37.19	54.00	16.81	H	7.3	29.89
13259.5	37.68	54.00	16.32	H	8.7	28.98
14541.5	39.58	54.00	14.42	H	11.4	28.18
16671.5	41.48	54.00	12.52	H	14.9	26.58
17938.5	42.26	54.00	11.74	H	16.1	26.16

Set.3 Connecting PC Mode / Peak detector

Frequency(MHz)	Result(dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBμV)
9847.5	44.37	74.00	29.63	V	4.5	39.87
12535.5	45.78	74.00	28.22	H	8.0	37.78
11250.5	45.98	74.00	28.02	H	5.5	40.48
14504	48.35	74.00	25.65	H	11.5	36.85
15909.5	49.05	74.00	24.95	V	13.2	35.85
17917.5	50.56	74.00	23.44	H	16.2	34.36

Set.3 Connecting PC Mode / Average detector

Frequency(MHz)	Result(dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P _{Mea} (dBμV)
9747	34.34	54.00	19.66	H	4.0	30.34
10619	35.07	54.00	18.93	H	4.9	30.17
11995.5	36.57	54.00	17.43	H	7.0	29.57
14185.5	37.90	54.00	16.1	H	10.9	27.00
15923.5	39.61	54.00	14.39	V	13.3	26.31
17579	41.25	54.00	12.75	V	15.5	25.75

Charging Mode: Set.1

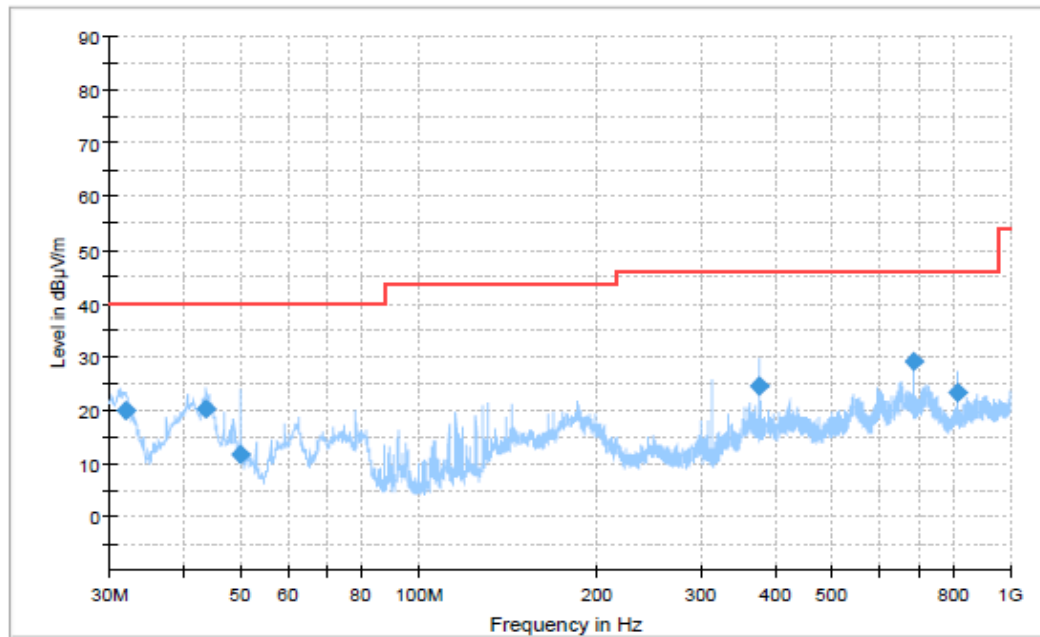


Figure A.1 Radiated Emission from 30MHz to 1GHz

Final_Result

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	ARpl (dB/m)	P _{Mea} (dBμV)
31.892222	20.01	40.00	19.99	V	-25.8	45.81
43.761667	20.20	40.00	19.80	V	-31.9	52.10
50.012778	11.84	40.00	28.16	V	-36.6	48.44
375.016667	24.53	46.00	21.47	H	-26.8	51.33
687.532222	29.17	46.00	16.83	V	-19.9	49.07
812.540556	23.25	46.00	22.75	V	-18.6	41.85

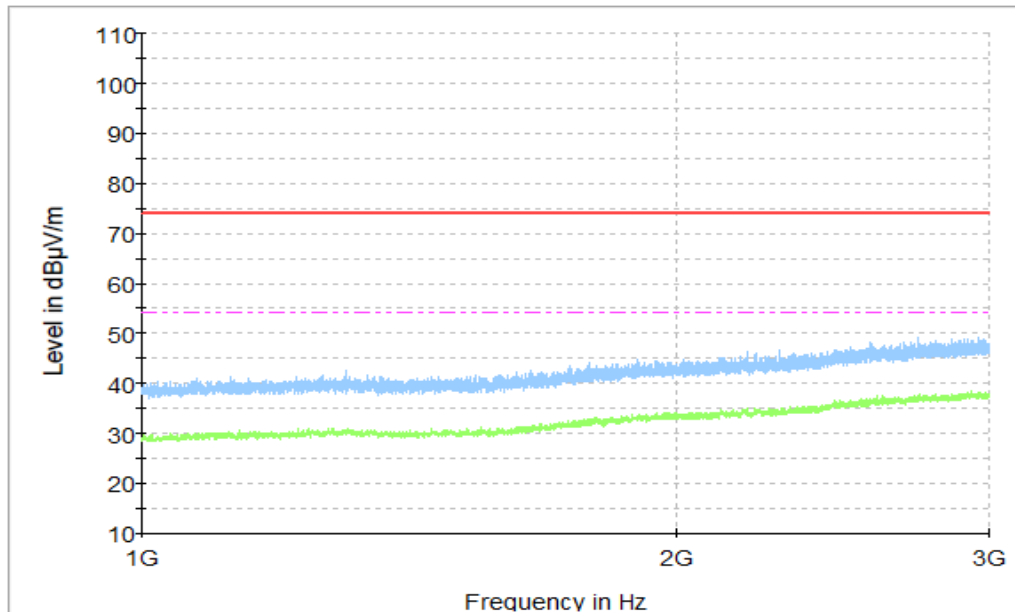


Figure A.2 Radiated Emission from 1GHz to 3GHz

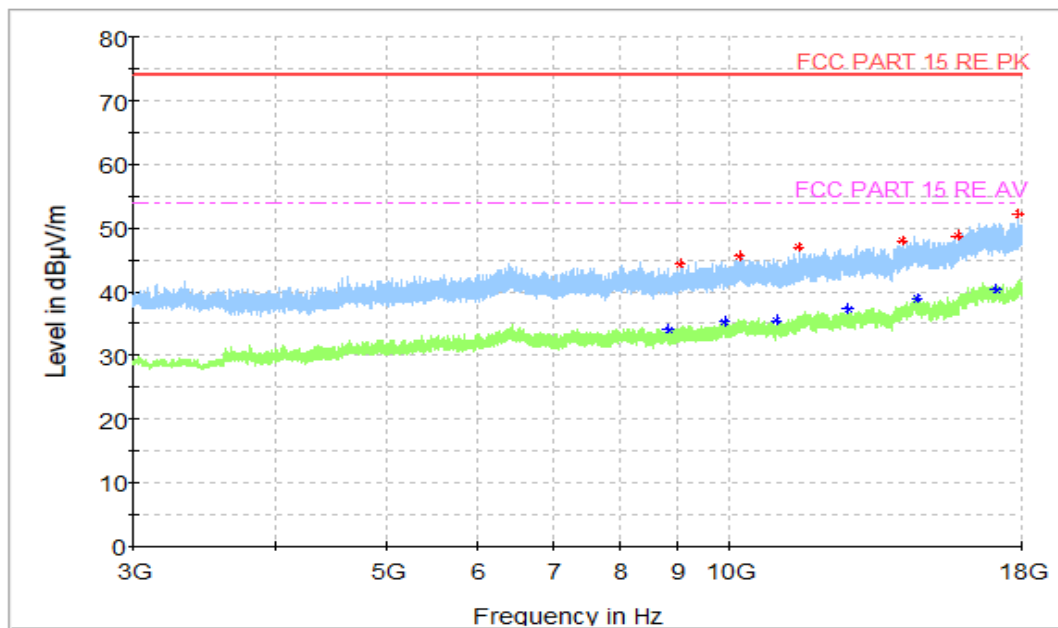


Figure A.3 Radiated Emission from 3GHz to 18GHz

Charging Mode: Set.2

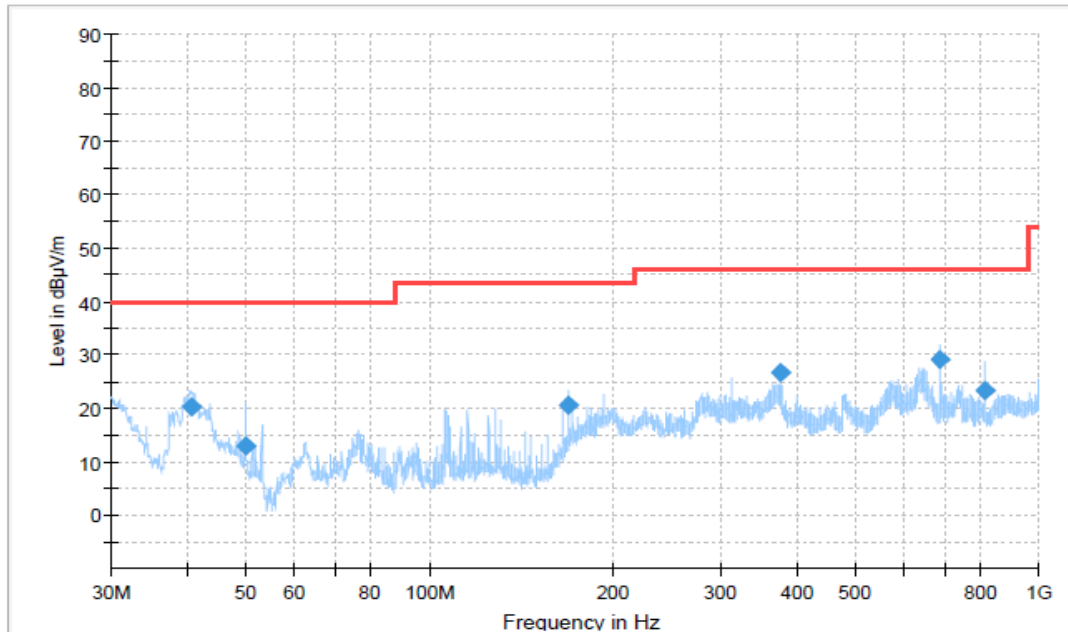


Figure A.4 Radiated Emission from 30MHz to 1GHz

Final_Result

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	ARpl (dB/m)	P _{Mea} (dBμV)
40.660556	20.14	40.00	19.86	V	-29.7	49.84
50.012778	12.93	40.00	27.07	V	-36.6	49.53
168.77	20.50	43.50	23.00	V	-31.6	52.10
375.016667	26.61	46.00	19.39	V	-26.8	53.41
687.518333	29.27	46.00	16.73	V	-19.9	49.17
812.540556	23.26	46.00	22.74	V	-18.6	41.86

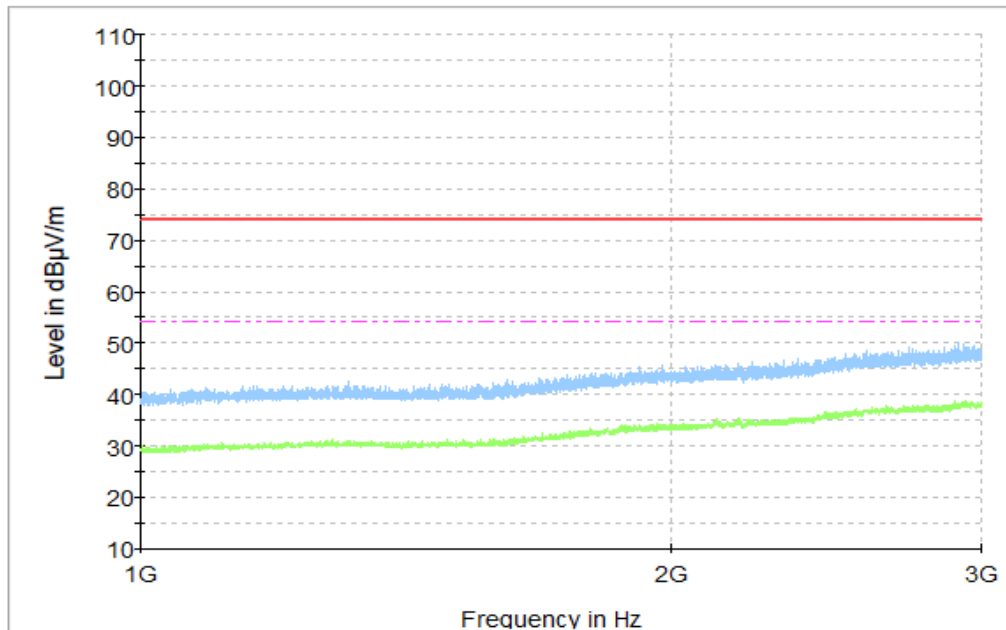


Figure A.5 Radiated Emission from 1GHz to 3GHz

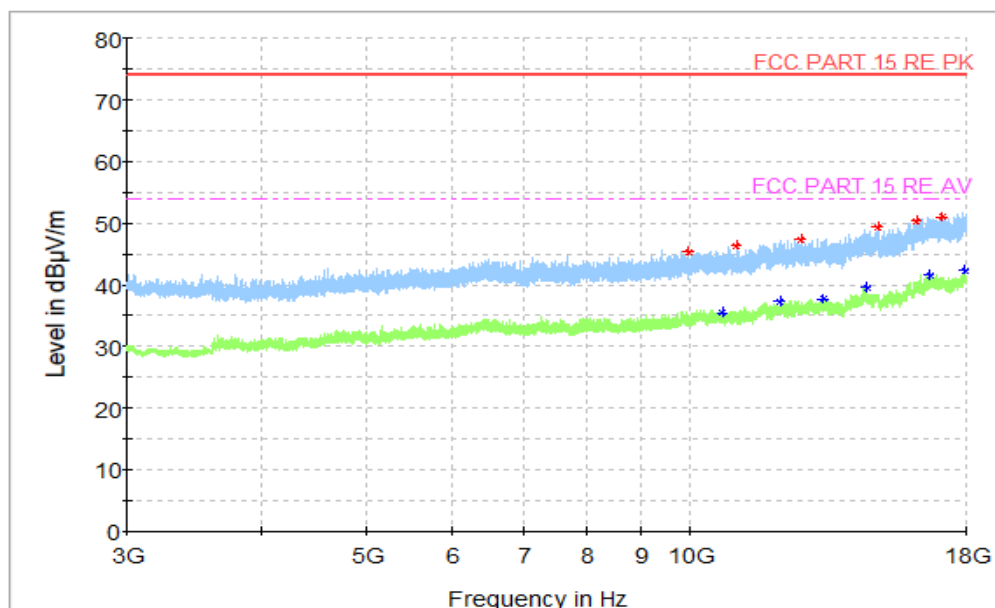


Figure A.6 Radiated Emission from 3GHz to 18GHz

Connecting PC Mode: Set.3

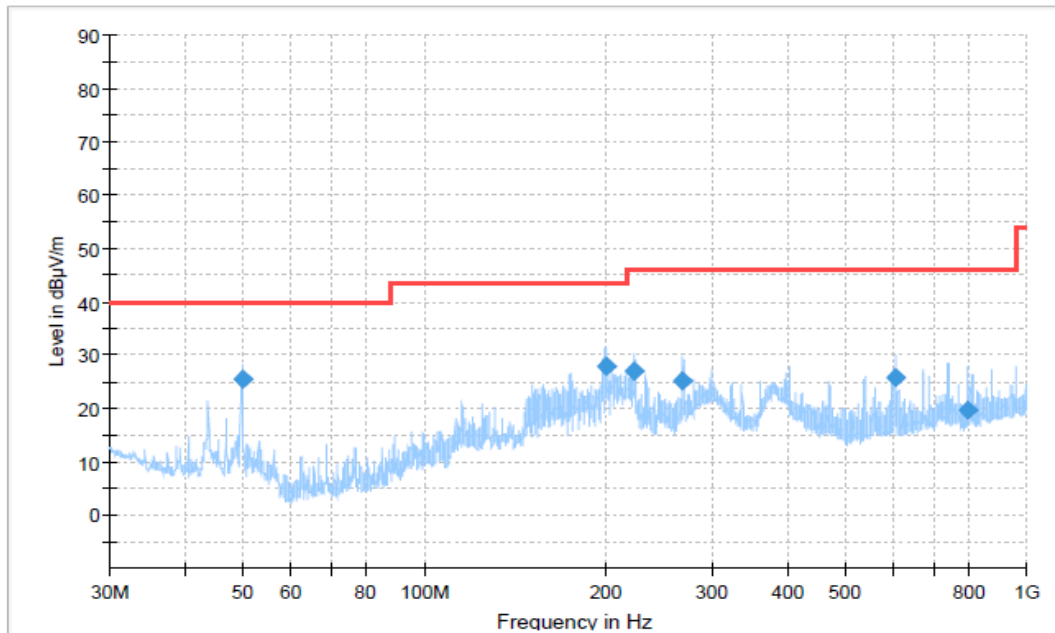


Figure A.7 Radiated Emission from 30MHz to 1GHz

Final_Result

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	ARpl (dB/m)	P _{Mea} (dBμV)
49.838889	25.45	40.00	14.55	V	-36.4	61.85
199.742222	27.80	43.50	15.70	H	-33.1	60.90
223.05	27.13	46.00	18.87	H	-32.4	59.53
268.586111	25.12	46.00	20.88	H	-30.6	55.72
604.3	25.75	46.00	20.25	V	-21.3	47.05
799.725556	19.55	46.00	26.45	V	-18.9	38.45

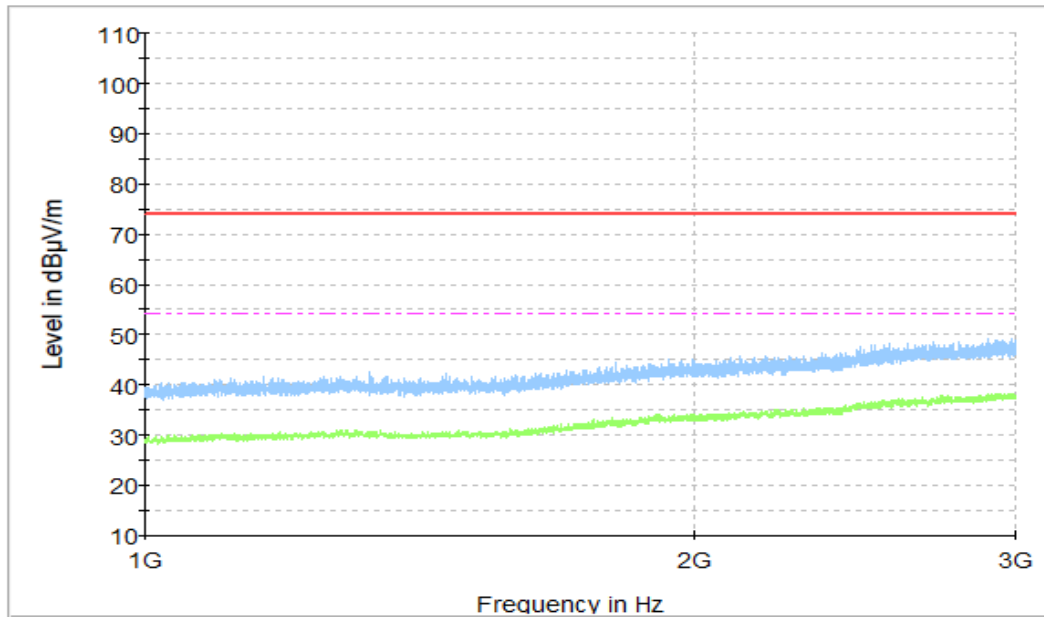


Figure A.8 Radiated Emission from 1GHz to 3GHz

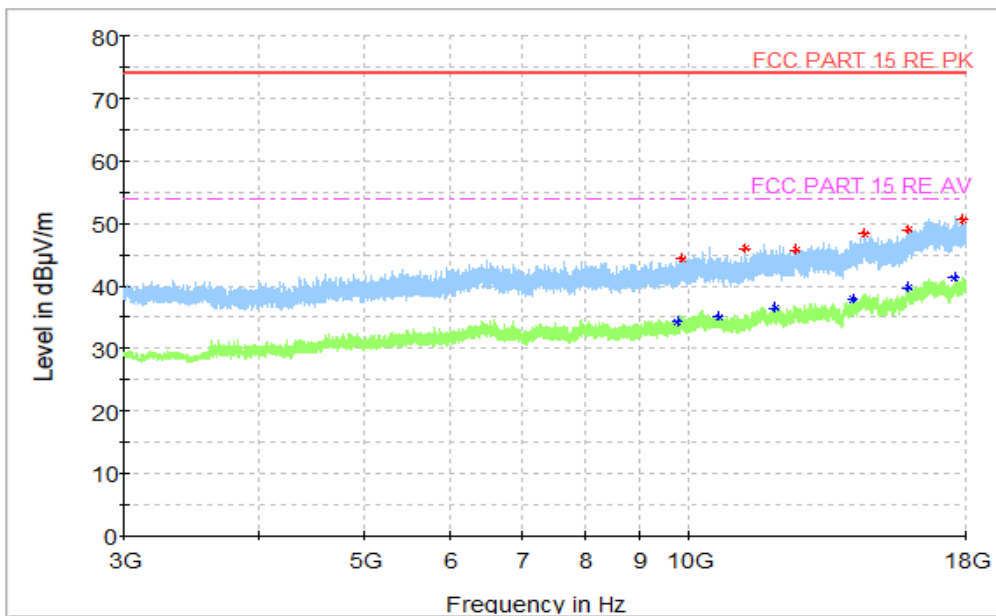


Figure A.9 Radiated Emission from 3GHz to 18GHz

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:

Charging Mode: At the beginning of measurement, the battery is completely discharged. The battery and charger are installed so that the EUT works well and is in charging state.

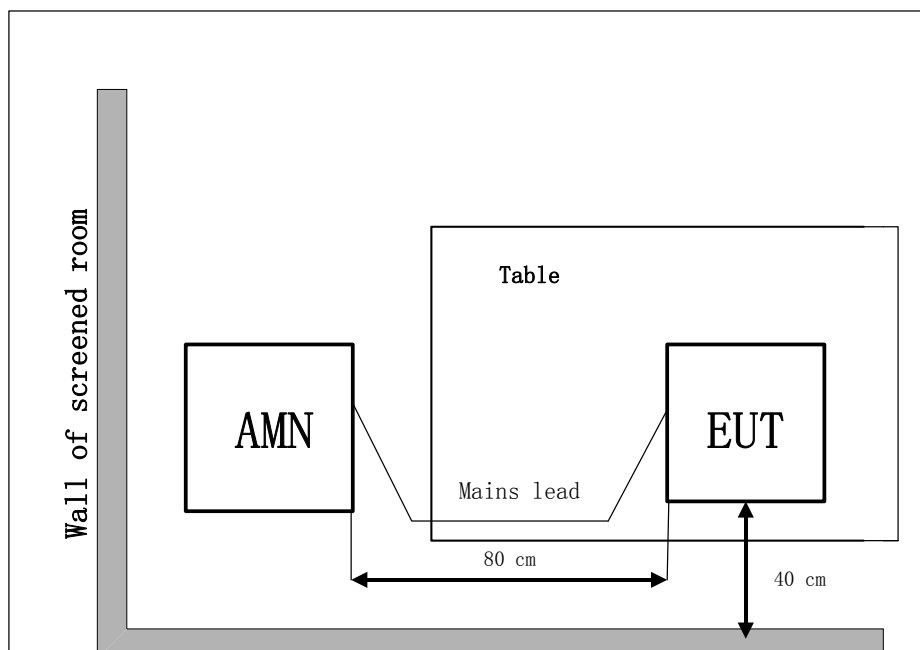
Connecting PC Mode: The model of the PC is Lenovo ThinkPad T480, and the serial number of the PC is PF-13LW0C. The EUT is connected to a PC for charging.

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

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

Where

Corr: PathLoss + Voltage Division Factor

PMea: Measurement result on receiver.

Charging Mode: Set.1

Voltage: 120V

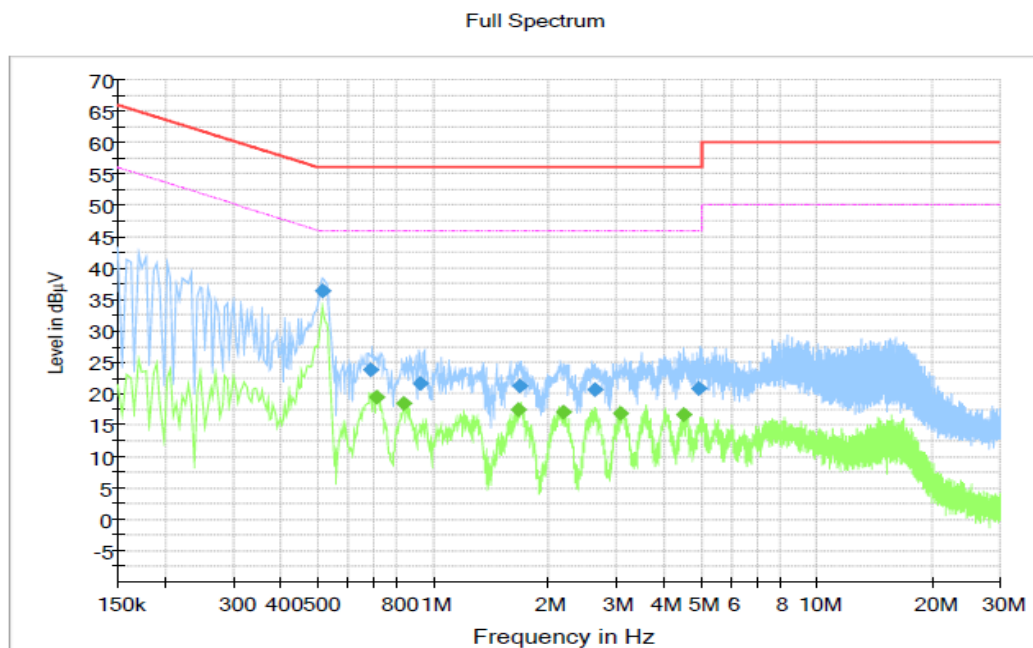


Figure B.1 Conducted Emission

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBμV)
0.512	36.46	56.00	19.54	L1	9.6	26.86
0.688	23.79	56.00	32.21	L1	9.6	14.19
0.924	21.57	56.00	34.43	N	9.7	11.87
1.68	21.32	56.00	34.68	L1	9.7	11.62
2.624	20.71	56.00	35.29	L1	9.7	11.01
4.92	20.86	56.00	35.14	N	9.7	11.16

Final_Result_AVG

Frequency (MHz)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBμV)
0.712	19.40	46.00	26.60	L1	9.6	9.80
0.836	18.42	46.00	27.58	L1	9.6	8.82
1.656	17.43	46.00	28.57	L1	9.7	7.73
2.18	17.13	46.00	28.87	L1	9.7	7.43
3.06	16.94	46.00	29.06	L1	9.7	7.24
4.512	16.59	46.00	29.41	L1	9.7	6.89

Charging Mode: Set.2
Voltage: 120V

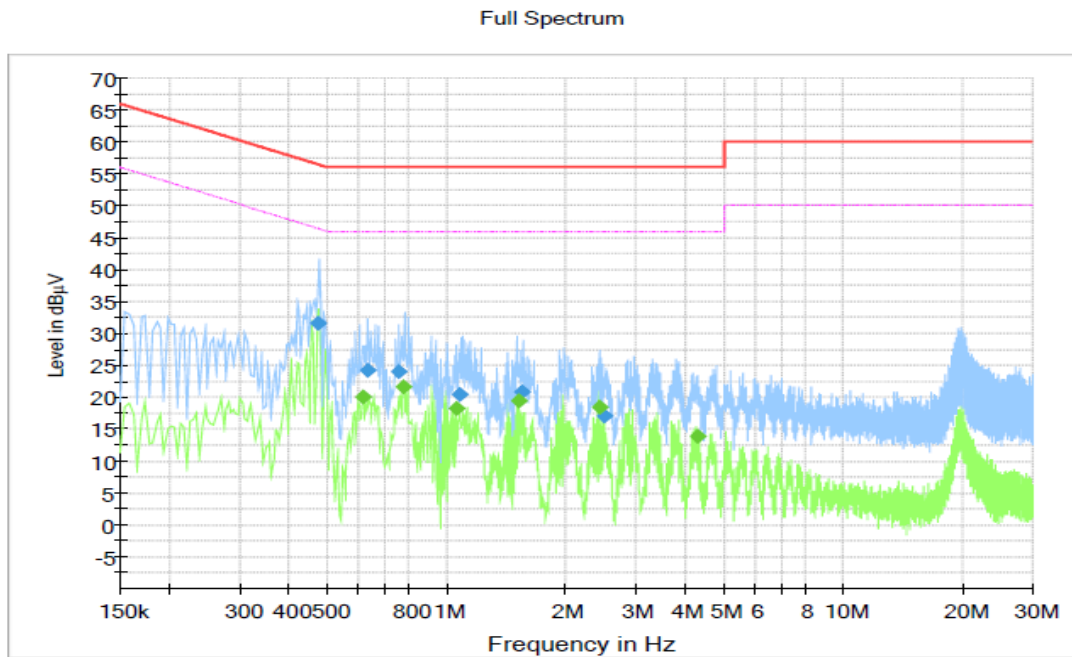


Figure B.2 Conducted Emission

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBμV)
0.472	31.53	56.48	24.94	L1	9.6	21.93
0.632	24.30	56.00	31.70	L1	9.6	14.70
0.76	24.09	56.00	31.91	L1	9.6	14.49
1.072	20.51	56.00	35.49	L1	9.7	10.81
1.54	20.83	56.00	35.17	L1	9.7	11.13
2.496	17.03	56.00	38.97	L1	9.7	7.33

Final_Result_AVG

Frequency (MHz)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBμV)
0.616	20.11	46.00	25.89	N	9.6	10.51
0.78	21.60	46.00	24.40	N	9.6	12.00
1.06	18.31	46.00	27.69	N	9.7	8.61
1.52	19.48	46.00	26.52	N	9.7	9.78
2.436	18.40	46.00	27.60	N	9.7	8.70
4.288	13.98	46.00	32.02	N	9.7	4.28

Connecting PC Mode: Set.3
Voltage: 120V

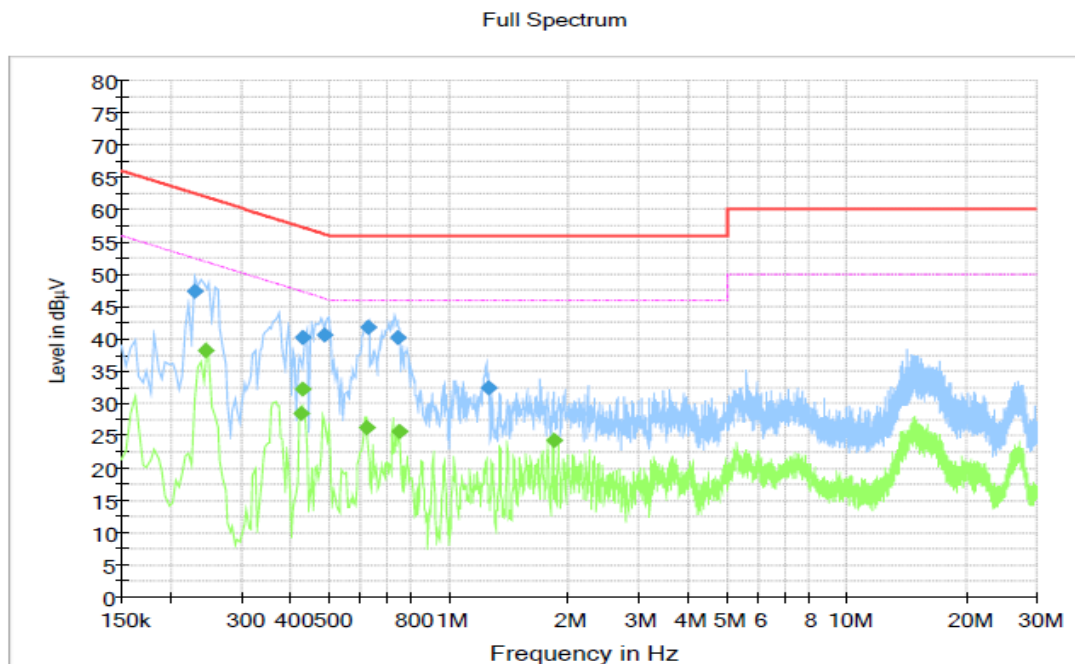


Figure B.3 Conducted Emission

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBμV)
0.23	47.36	62.45	15.09	L1	9.6	37.76
0.428	40.13	57.29	17.16	L1	9.6	30.53
0.488	40.60	56.20	15.60	L1	9.6	31.00
0.628	41.84	56.00	14.16	L1	9.6	32.24
0.74	40.15	56.00	15.85	L1	9.6	30.55
1.256	32.51	56.00	23.49	L1	9.7	22.81

Final_Result_AVG

Frequency (MHz)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBμV)
0.244	38.12	51.96	13.84	L1	9.6	28.52
0.424	28.52	47.37	18.85	L1	9.6	18.92
0.428	32.24	47.29	15.05	L1	9.6	22.64
0.62	26.20	46.00	19.80	L1	9.6	16.60
0.748	25.73	46.00	20.27	L1	9.6	16.13
1.832	24.33	46.00	21.67	N	9.7	14.63

Charging Mode: Set.1

Voltage: 240V

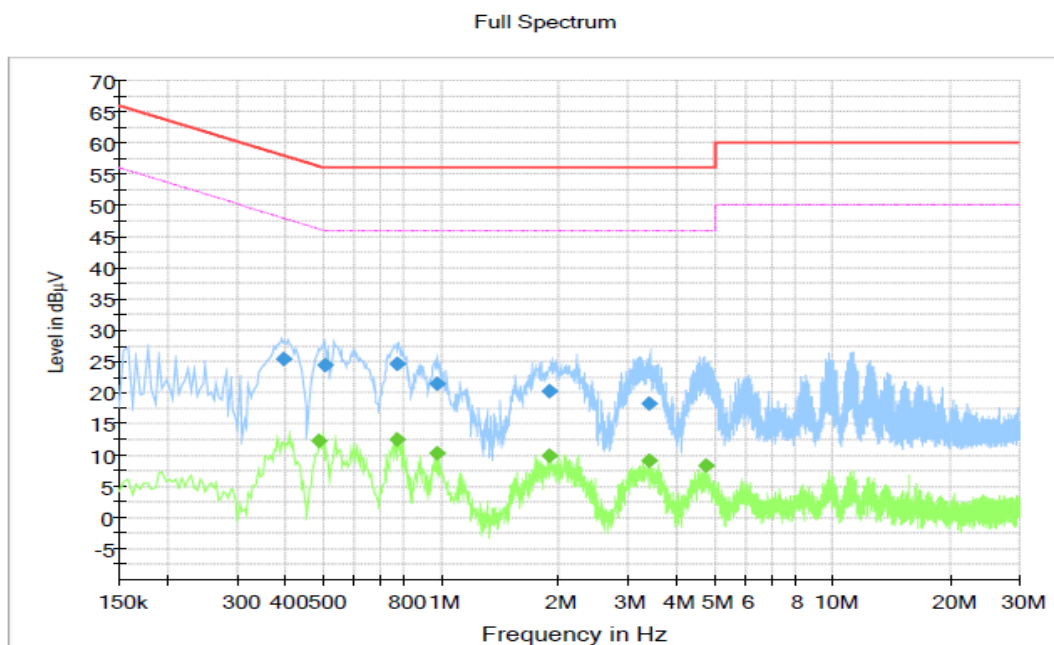


Figure B.4 Conducted Emission

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBμV)
0.396	25.52	57.94	32.42	N	9.7	15.82
0.504	24.33	56.00	31.67	N	9.6	14.73
0.772	24.62	56.00	31.38	N	9.6	15.02
0.976	21.45	56.00	34.55	N	9.7	11.75
1.884	20.18	56.00	35.82	N	9.7	10.48
3.4	18.27	56.00	37.73	N	9.7	8.57

Final_Result_AVG

Frequency (MHz)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBμV)
0.488	12.32	46.20	33.88	N	9.6	2.72
0.768	12.56	46.00	33.44	N	9.6	2.96
0.976	10.38	46.00	35.62	N	9.7	0.68
1.892	9.89	46.00	36.11	N	9.7	0.19
3.396	9.16	46.00	36.84	N	9.7	-0.54
4.744	8.23	46.00	37.77	N	9.7	-1.47

Charging Mode: Set.2
Voltage: 240V

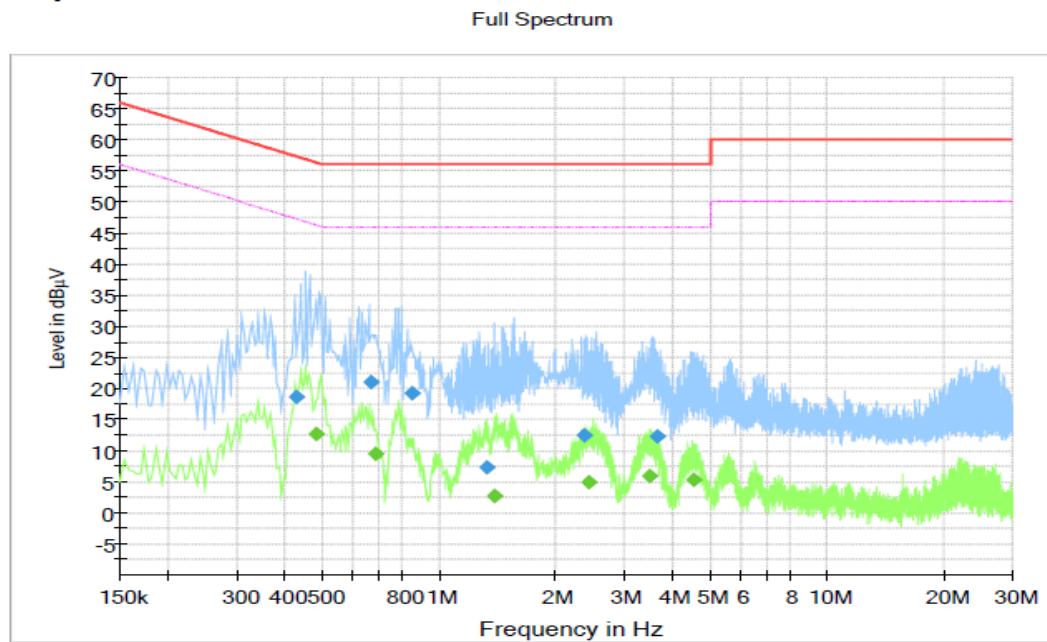


Figure B.5 Conducted Emission

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBμV)
0.428	18.69	57.29	38.60	N	9.6	9.09
0.664	21.14	56.00	34.86	N	9.6	11.54
0.848	19.20	56.00	36.80	N	9.7	9.50
1.32	7.25	56.00	48.75	N	9.7	-2.45
2.364	12.57	56.00	43.43	N	9.7	2.87
3.656	12.34	56.00	43.66	N	9.7	2.64

Final_Result_AVG

Frequency (MHz)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBμV)
0.48	12.73	46.34	33.61	N	9.6	3.13
0.684	9.50	46.00	36.50	N	9.6	-0.10
1.384	2.80	46.00	43.20	N	9.7	-6.90
2.432	4.94	46.00	41.06	N	9.7	-4.76
3.492	5.92	46.00	40.08	N	9.7	-3.78
4.528	5.41	46.00	40.59	N	9.7	-4.29

Connecting PC Mode: Set.3

Voltage: 240V

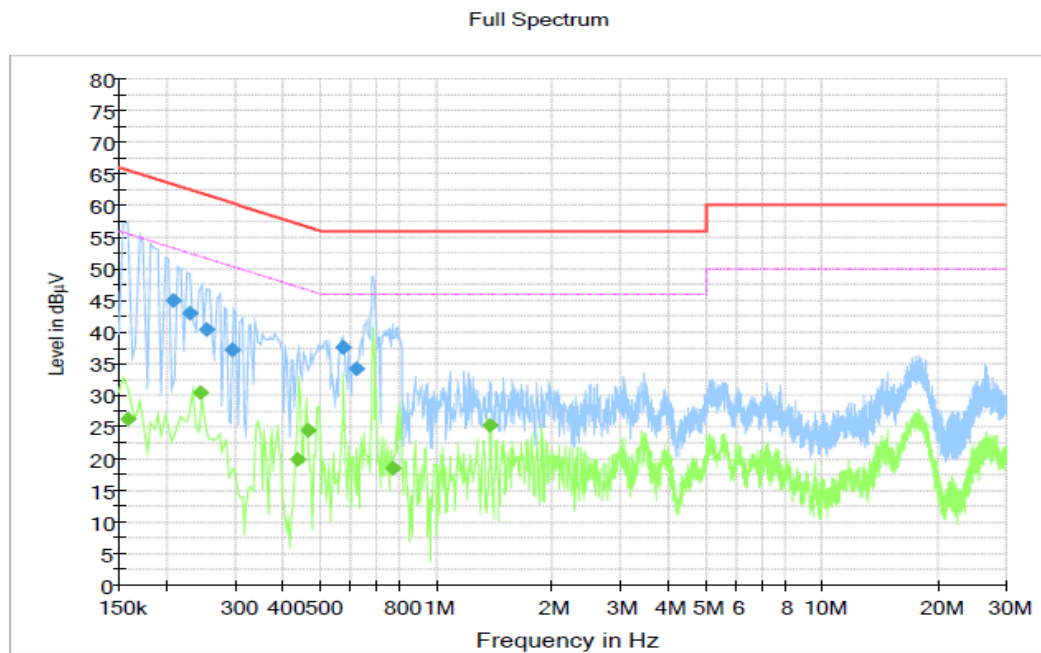


Figure B.6 Conducted Emission

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBμV)
0.208	45.03	63.29	18.26	L1	9.6	35.43
0.23	42.89	62.45	19.56	L1	9.6	33.29
0.254	40.43	61.63	21.19	L1	9.6	30.83
0.296	37.17	60.35	23.19	L1	9.6	27.57
0.572	37.55	56.00	18.45	N	9.6	27.95
0.62	34.27	56.00	21.73	N	9.6	24.67

Final_Result_AVG

Frequency (MHz)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	P _{Mea} (dBμV)
0.158	26.19	55.57	29.38	N	9.6	16.59
0.244	30.49	51.96	21.47	L1	9.6	20.89
0.436	19.84	47.14	27.30	N	9.6	10.24
0.464	24.40	46.62	22.22	N	9.6	14.80
0.772	18.46	46.00	27.54	N	9.6	8.86
1.372	25.35	46.00	20.65	N	9.7	15.65

END OF REPORT