TEST REPORT

No.I20N02161-EMC

for

TCL Communication Ltd.

10 inch wifi tablet

Model Name：8091

With

Hardware Version: 1.2

Software Version: DGB

FCC ID: 2ACCJB133

Issued Date: 2020-09-01

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:

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REPORT HISTORY

Report Number	Revision	Description	Issue Date
I20N02161-EMC	Rev.0	1st edition	**2020-09-01**

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

CONTENTS

1. Summary of Test Report

1.1. Test Items

Description	10 inch wifi tablet
Model Name	8091
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 1 items, pass 1 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: 2020-08-10 Testing End Date: 2020-08-24

1.6. Signature

Ma Shoujian
(Prepared this test report)

Zhang Yunzhuan
(Reviewed this test report)

Cao Junfei
(Approved this test report)

2. ClientInformation

2.1. Applicant Information

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

2.2. Manufacturer Information

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

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

3.1. About EUT

Description	10 inch wifi tablet
Model Name	8091
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
UT02aa	F05136CAECD7591	1.2	DGB	2020-08-11

*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.
10 inch wifi tablet 8091 manufactured by TCL Communication Ltd. is a variant model based on 8092 for conformance test. According to client's description, the table below shows the difference between model 8091 and 8092:

Changes	8091	8092
Memory	16G ROM+1G RAM	16G ROM+2G RAM
Other changes	1mic 1speaker no p&L sensor	2mic 2speaker no p&L sensor

According to the declaration of differences by the manufacturer, the following tests need to be performed at the worst mode from the report of the initial model:

NO.	Tests	Set	Mode
1	Radiated Emission	Set.3/ Set.4	Data Transfer Mode
		Set.1/ Set.2	Charging Mode （Camera/Video Play Mode）

Other results are cited from the initial report.
The report number for initial model is I20N02014-EMC.

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 ℃, Max. = 35℃
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 ℃, Max. = 30 ℃
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 ℃, Max. = 35℃
Relative humidity	Min. = 20 %, Max. = 75 %
Shielding effectiveness	0.014MHz-1MHz,>60dB; 1MHz-18000MHz,>90dB
Electrical insulation	>2MΩ
Ground system resistance	<4Ω
Voltage Standing Wave Ratio（VSWR）	≤ 6 dB, from 1 to 18GHz，3 m distance
Uniformity of field strength	Between 0 and 6 dB, from 80 to 6000 MHz

6. SUMMARY OF TEST RESULTS

6.1. Testing Environment

Normal Temperature: 15~35℃
Relative Humidity: 20~75%
Atmospheric pressure 86~106kPa

6.2. Summary of Measurement Results

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

Items	Test Name	Clause in FCC	Section in this report	Verdict
1	Radiated Emission	15.109(a)	A.1	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 uncertaint
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	/	/
14.	Filter	HPF_3G18G-SMA	/	SKET	/	/
15.	Filter	HPF_6.3G21G -SMA	/	SKET	/	/

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 (μV/m)		
	Quasi-peak	Average	Peak
30-88	100		
88-216	150		
216-960	200		
960-1000	500		
>1000		500	5000

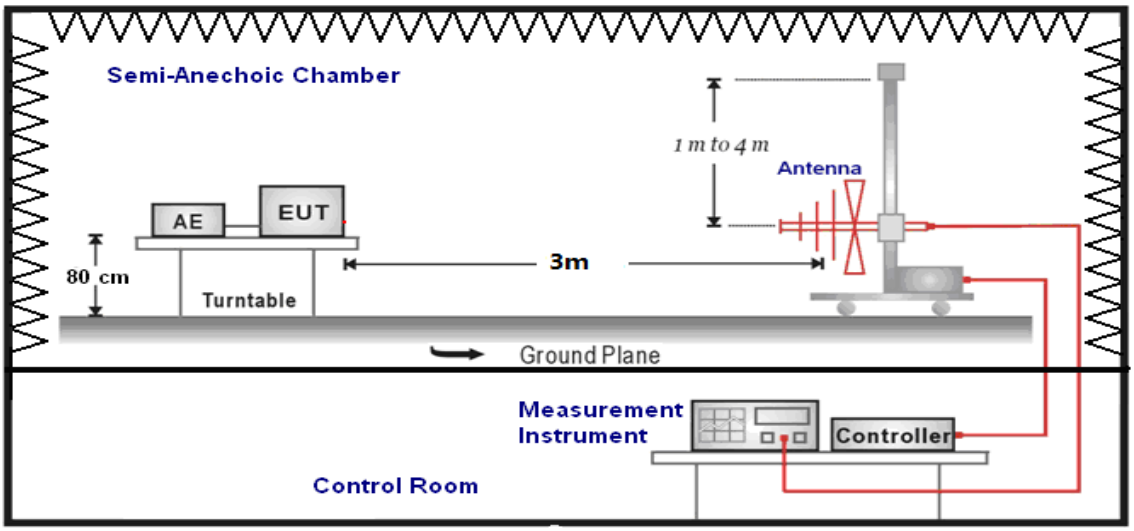
*Note: The original limit is defined at 10m test distance. This limit is calculated according to CISPR requirements.

A.1.4 Test Condition

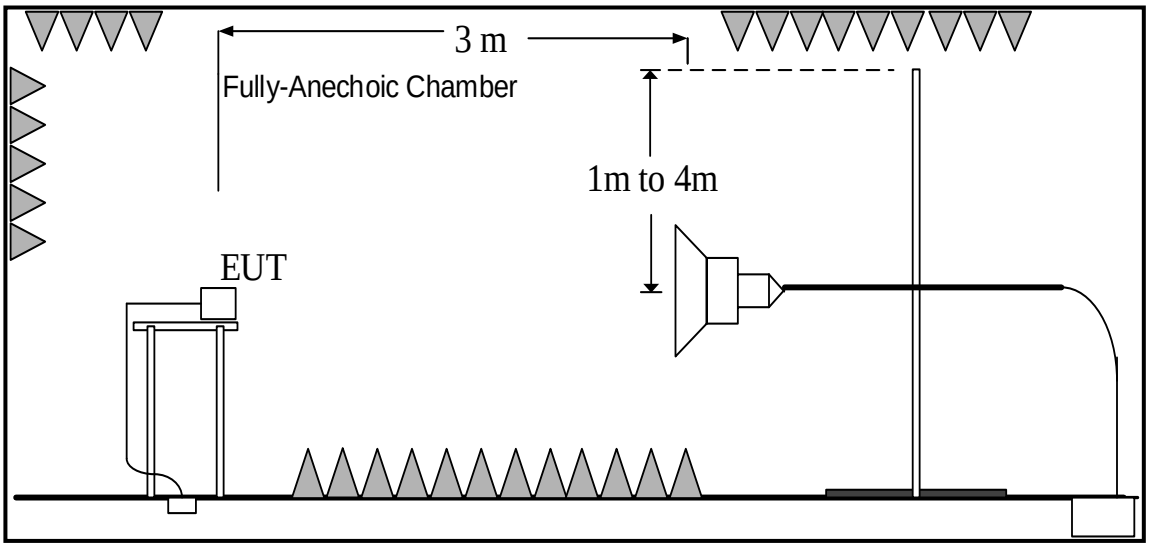
Frequency of emission (MHz)	RBW/VBW	Sweep Time(s)
30-1000	120kHz (IF bandwidth)	5
Above 1000	1MHz/3MHz	15

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:

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

Where

G_A: Antenna factor of receive antenna

G_{PL}:PathLoss

P_{Mea}: Measurement result on receiver.

Result:Quasi-Peak(dBμV/m) /Average(dBμV/m)/Peak(dBμV/m)

Note: the result contains vertical part and Horizontal part

Video Player Mode

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

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

Camera Mode

Frequency range (MHz)	Quasi-Peak Limit (dBμV/m)	Result (dBμV/m) Set.1	Conclusion
30-88	40	See Figure A.3	P
88-216	44		
216-960	46		
960-1000	54		

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

Camera Mode

Frequency range (MHz)	Quasi-Peak Limit (dBμV/m)	Result (dBμV/m) Set.2	Conclusion
30-88	40	See Figure A.5	P
88-216	44		
216-960	46		
960-1000	54		

Frequency range (MHz)	Average Limit (dBμV/m)	Peak Limit (dBμV/m)	Result (dBμV/m) Set.2	Conclusion
1000 to 18000	54	74	See Figure A.6	P

Data Transfer Mode: EUT to PC

Frequency range (MHz)	Quasi-Peak Limit (dBμV/m)	Result (dBμV/m) Set.3	Conclusion
30-88	40	See Figure A.7	P
88-216	44		
216-960	46		
960-1000	54		

Frequency range (MHz)	Average Limit (dBμV/m)	Peak Limit (dBμV/m)	Result (dBμV/m) Set.3	Conclusion
1000 to 18000	54	74	See Figure A.8	P

Data Transfer Mode: PC to EUT

Frequency range (MHz)	Quasi-Peak Limit (dBμV/m)	Result (dBμV/m) Set.3	Conclusion
30-88	40	See Figure A.9	P
88-216	44		
216-960	46		
960-1000	54		

Frequency range (MHz)	Average Limit (dBμV/m)	Peak Limit (dBμV/m)	Result (dBμV/m) Set.3	Conclusion
1000 to 18000	54	74	See Figure A.10	P

Data Transfer Mode: PC to TF

Frequency range (MHz)	Quasi-Peak Limit (dBμV/m)	Result (dBμV/m) Set.3	Conclusion
30-88	40	See Figure A.11	P
88-216	44		
216-960	46		
960-1000	54		

Frequency range (MHz)	Average Limit (dBμV/m)	Peak Limit (dBμV/m)	Result (dBμV/m) Set.3	Conclusion
1000 to 18000	54	74	See Figure A.12	P

Data Transfer Mode: TF to EUT

Frequency range (MHz)	Quasi-Peak Limit (dBμV/m)	Result (dBμV/m) Set.3	Conclusion
30-88	40	See Figure A.13	P
88-216	44		
216-960	46		
960-1000	54		

Frequency range (MHz)	Average Limit (dBμV/m)	Peak Limit (dBμV/m)	Result (dBμV/m) Set.3	Conclusion
1000 to 18000	54	74	See Figure A.14	P

Data Transfer Mode: PC to EUT

Frequency range (MHz)	Quasi-Peak Limit (dBμV/m)	Result (dBμV/m) Set.4	Conclusion
30-88	40	See Figure A.15	P
88-216	44		
216-960	46		
960-1000	54		

Frequency range (MHz)	Average Limit (dBμV/m)	Peak Limit (dBμV/m)	Result (dBμV/m) Set.4	Conclusion
1000 to 18000	54	74	See Figure A.16	P

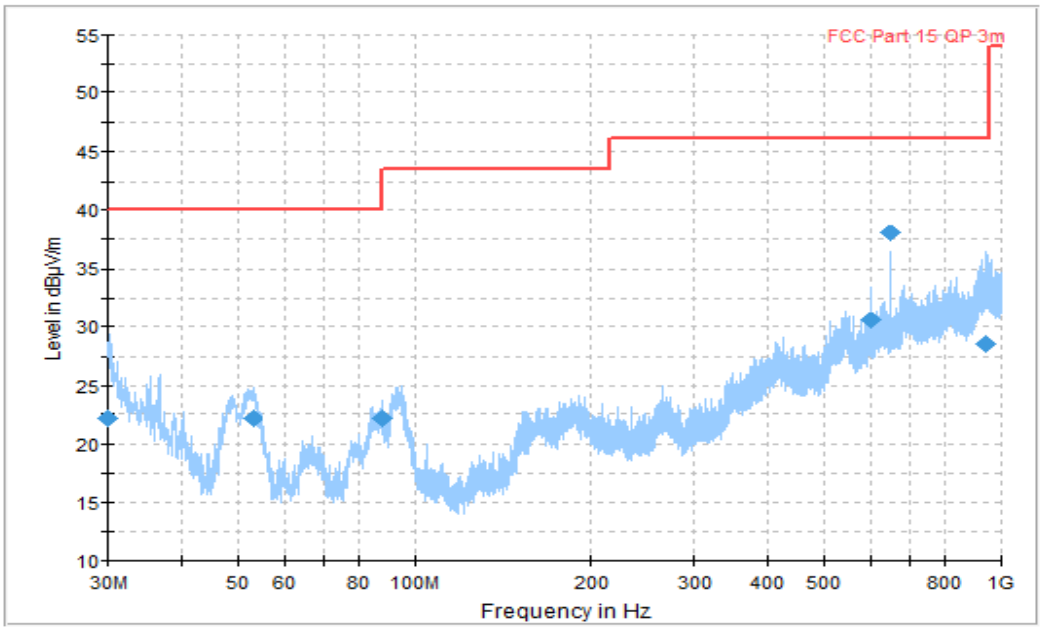


Figure A.1 Radiated Emission (Set.1,Camera Mode, 30MHz to 1GHz)

Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	ARpl (dB/m)	P_{Mea} (dBµV)
30.090000	22.17	40.00	17.83	V	-6.3	28.47
53.005000	22.13	40.00	17.87	V	-15.7	37.83
87.900556	22.09	40.00	17.91	V	-15.5	37.59
599.982778	30.52	46.00	15.48	V	-0.6	31.12
647.997778	38.09	46.00	7.91	H	-0.3	38.39
943.038889	28.59	46.00	17.41	H	3.0	25.59

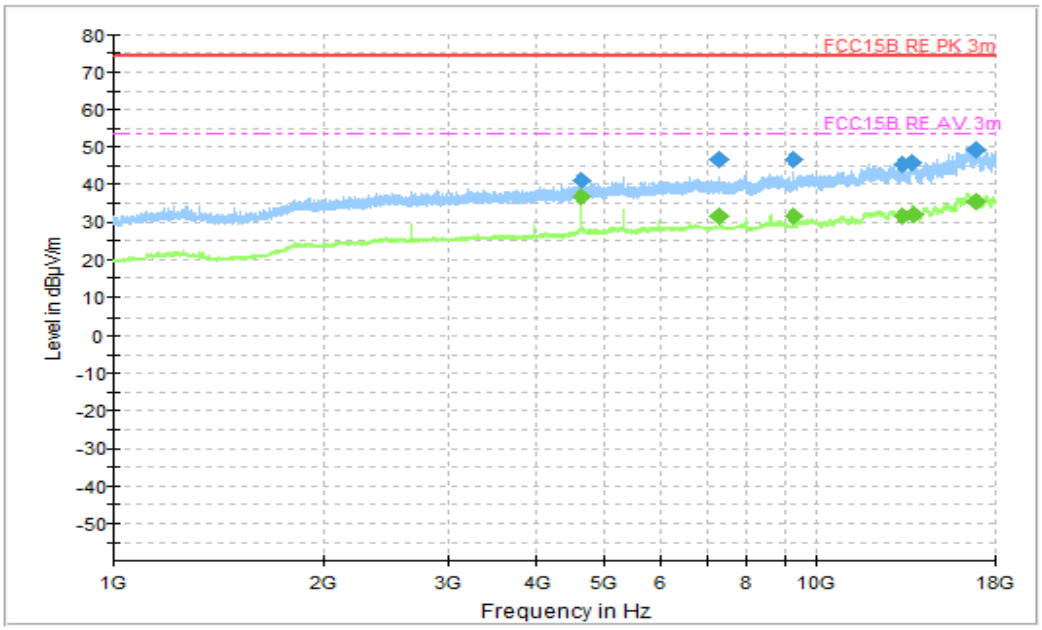


Figure A.2 Radiated Emission (Set.1, Camera Mode , 1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P_{Mea} (dBµV)
4645.500000	46.37	74.00	27.63	V	-0.1	46.47
7292.500000	46.82	74.00	27.18	V	3.5	43.32
9282.500000	46.86	74.00	27.14	V	6.0	40.86
13298.000000	45.52	74.00	28.48	H	8.3	37.22
13711.500000	45.89	74.00	28.11	H	8.9	36.99
16934.500000	49.28	74.00	24.72	V	14.8	34.48

Final_Results_AVG

Frequency(MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P_{Mea} (dBµV)
4641.000000	36.83	54.00	17.17	V	-0.1	36.93
7293.000000	31.95	54.00	22.06	V	3.5	28.45
9282.000000	31.66	54.00	22.34	V	6.0	25.66
13285.500000	31.64	54.00	22.36	V	8.3	23.34
13780.000000	32.37	54.00	21.63	H	9.0	23.37
16935.000000	35.58	54.00	18.42	H	14.8	20.78

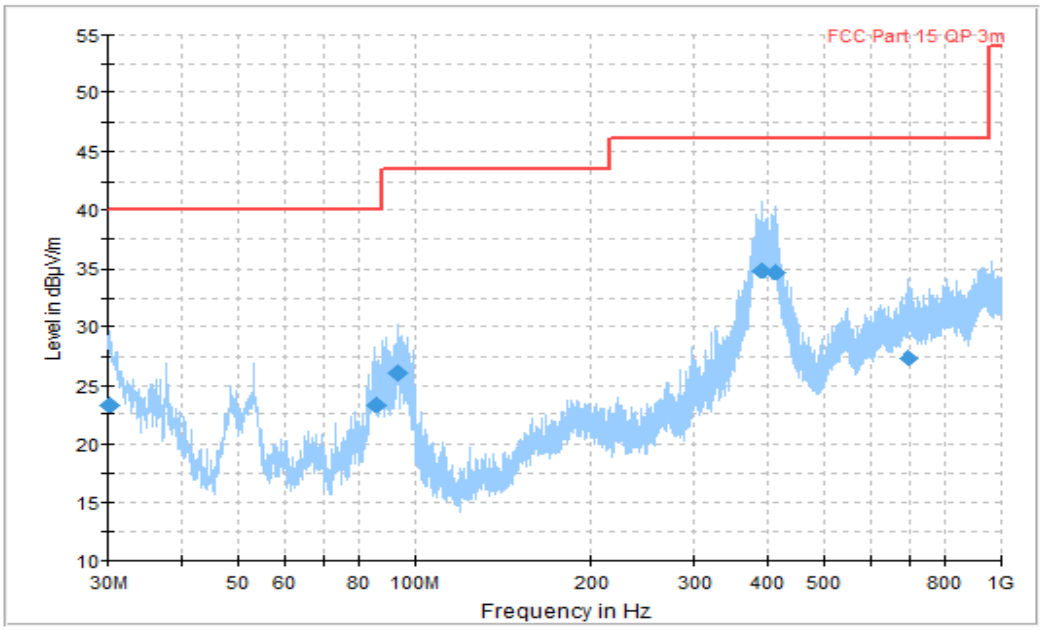


Figure A.3 Radiated Emission (Set.1,Video Player Mode, 30MHz to 1GHz)

Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	ARpl (dB/m)	P_{Mea} (dBµV)
30.210000	23.35	40.00	16.65	V	-6.3	29.65
86.177222	23.39	40.00	16.62	V	-15.3	38.69
93.210556	26.04	43.50	17.46	V	-14.8	40.84
392.126667	34.87	46.00	11.13	H	-4.7	39.57
411.648333	34.77	46.00	11.23	H	-3.6	38.37
694.048889	27.31	46.00	18.69	H	1.1	26.21

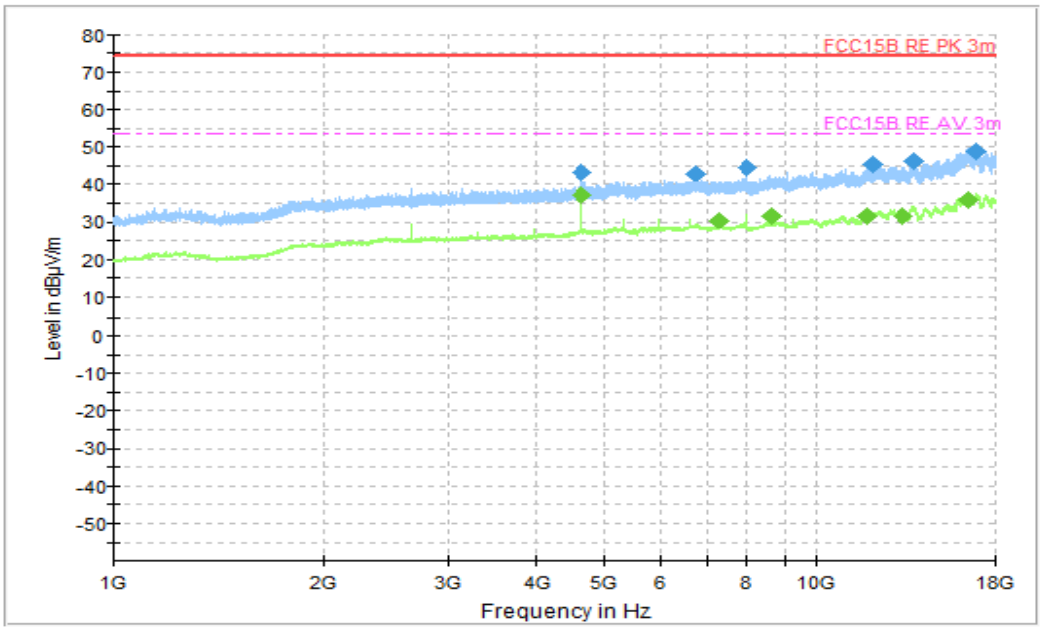


Figure A.4 Radiated Emission (Set.1, Video Player Mode, 1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P_{Mea} (dBµV)
4640.500000	43.39	74.00	30.61	V	-0.1	43.49
6766.000000	42.87	74.00	31.13	V	3.5	39.37
7955.000000	44.79	74.00	29.21	V	4.4	40.39
12060.000000	45.39	74.00	28.61	V	8.2	37.19
13792.500000	46.19	74.00	27.81	V	9.0	37.19
16883.500000	48.89	74.00	25.11	H	14.8	34.09

Final_Results_AVG

Frequency(MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P_{Mea} (dBµV)
4641.000000	37.25	54.00	16.75	V	-0.1	37.35
7292.500000	30.65	54.00	23.35	V	3.5	27.15
8619.000000	31.79	54.00	22.21	V	5.4	26.39
11840.500000	31.75	54.00	22.25	V	8.2	23.55
13286.500000	31.61	54.00	22.39	H	8.3	23.31
16478.000000	35.89	54.00	18.11	H	14.7	21.19

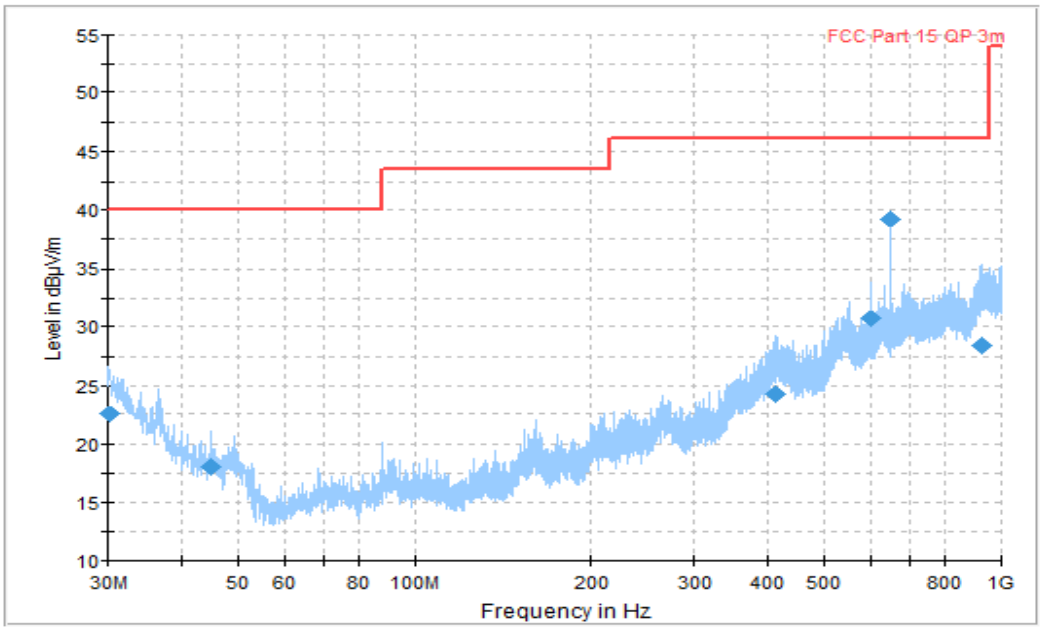


Figure A.5 Radiated Emission (Set.2,Camera Mode, 30MHz to 1GHz)

Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	ARpl (dB/m)	P_{Mea} (dBµV)
30.120000	22.50	40.00	17.50	V	-6.3	28.80
45.095000	17.97	40.00	22.03	V	-14.0	31.97
413.035556	24.30	46.00	21.70	H	-3.6	27.90
599.982778	30.71	46.00	15.29	V	-0.6	31.31
647.997778	39.21	46.00	6.79	V	-0.3	39.51
929.106667	28.37	46.00	17.63	V	2.7	25.67

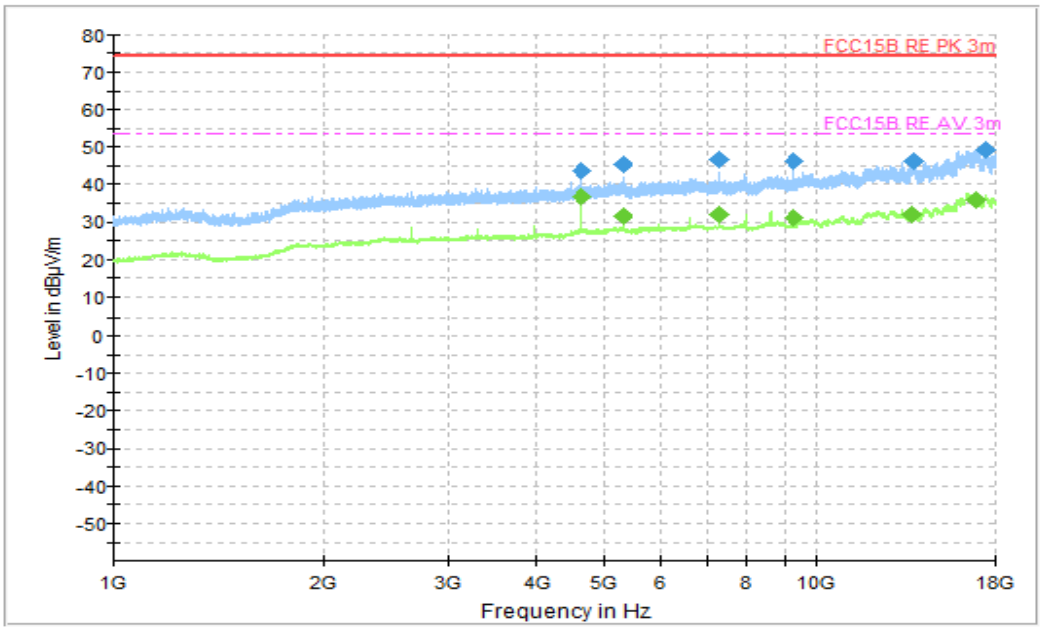


Figure A.6 Radiated Emission (Set.2, Camera Mode , 1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P_{Mea} (dBµV)
4641.000000	43.92	74.00	30.08	V	-0.1	44.02
5302.500000	45.65	74.00	28.35	V	1.6	44.05
7293.000000	46.96	74.00	27.04	V	3.5	43.46
9280.500000	46.47	74.00	27.53	V	6.0	40.47
13842.000000	46.37	74.00	27.63	H	9.0	37.37
17434.500000	49.24	74.00	24.76	H	14.1	35.14

Final_Results_AVG

Frequency(MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P_{Mea} (dBµV)
4641.000000	36.77	54.00	17.23	V	-0.1	36.87
5303.500000	31.62	54.00	22.38	V	1.6	30.02
7292.500000	32.07	54.00	21.93	V	3.5	28.57
9282.000000	31.55	54.00	22.45	V	6.0	25.55
13750.500000	32.42	54.00	21.58	H	8.9	23.52
16932.500000	35.96	54.00	18.04	V	14.8	21.16

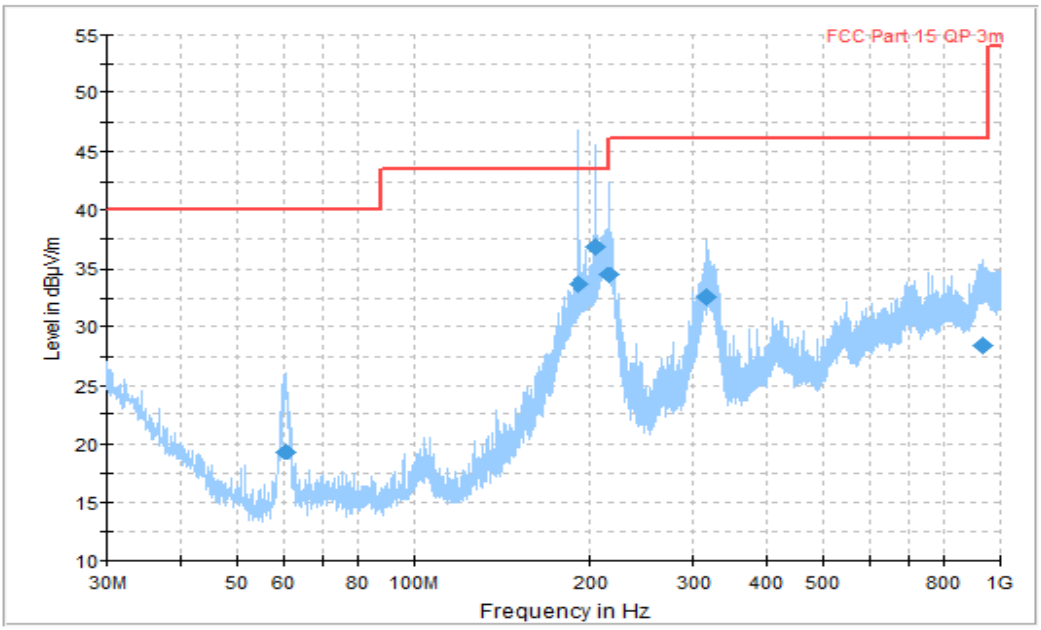


Figure A.7 Radiated Emission (Set.3, Data Transfer Mode: EUT to PC, 30MHz to 1GHz)

Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	ARpl (dB/m)	P_{Mea} (dBµV)
60.398889	19.29	40.00	20.71	H	-15.6	34.89
191.990000	33.65	43.50	9.85	H	-12.6	46.25
203.977222	36.83	43.50	6.67	H	-11.4	48.23
216.114444	34.41	46.00	11.59	H	-11.2	45.61
316.803333	32.61	46.00	13.39	H	-8.1	40.71
934.907778	28.46	46.00	17.54	V	2.7	25.76

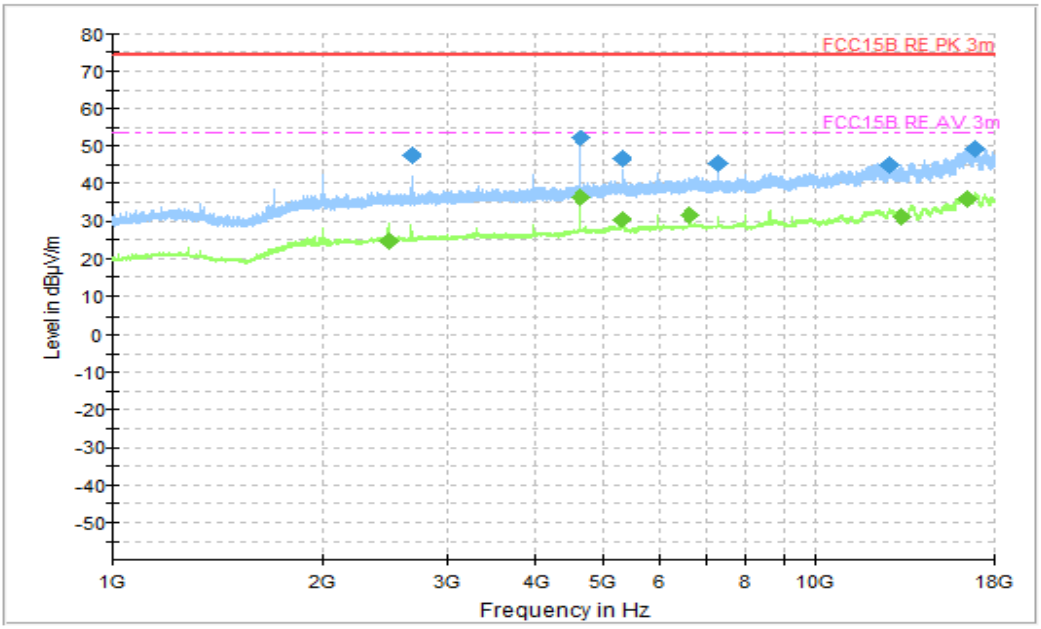


Figure A.8 Radiated Emission (Set.3, Data Transfer Mode: EUT to PC, 1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P_{Mea} (dBµV)
2665.500000	47.74	74.00	26.26	V	-4.1	51.84
4641.000000	51.98	74.00	22.02	V	-0.1	52.08
5323.000000	46.77	74.00	27.23	V	1.6	45.17
7291.500000	45.32	74.00	28.68	V	3.5	41.82
12765.000000	45.27	74.00	28.73	H	8.8	36.47
16929.500000	49.33	74.00	24.67	V	14.8	34.53

Final_Results_AVG

Frequency(MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P_{Mea} (dBµV)
2473.500000	24.95	54.00	29.05	V	-4.4	29.35
4641.000000	36.38	54.00	17.62	V	-0.1	36.48
5304.000000	30.66	54.00	23.34	V	1.6	29.06
6630.000000	31.64	54.00	22.36	V	3.3	28.34
13290.000000	31.45	54.00	22.55	H	8.3	23.15
16480.500000	36.00	54.00	18.00	H	14.7	21.30

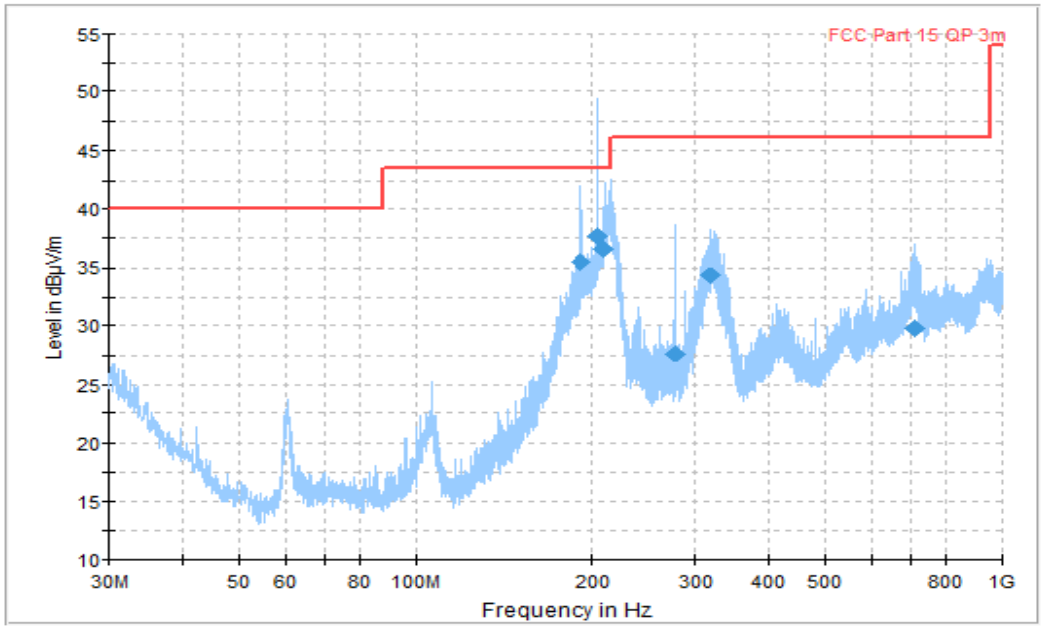


Figure A.9 Radiated Emission (Set.3, Data Transfer Mode: PC to EUT, 30MHz to 1GHz)

Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	ARpl (dB/m)	P_{Mea} (dBµV)
192.013889	35.55	43.50	7.95	H	-12.6	48.15
204.001111	37.68	43.50	5.82	H	-11.4	49.08
209.401111	36.62	43.50	6.88	H	-11.2	47.82
276.008889	27.59	46.00	18.41	H	-9.0	36.59
318.701111	34.36	46.00	11.64	H	-8.1	42.46
713.562222	29.71	46.00	16.29	H	0.6	29.11

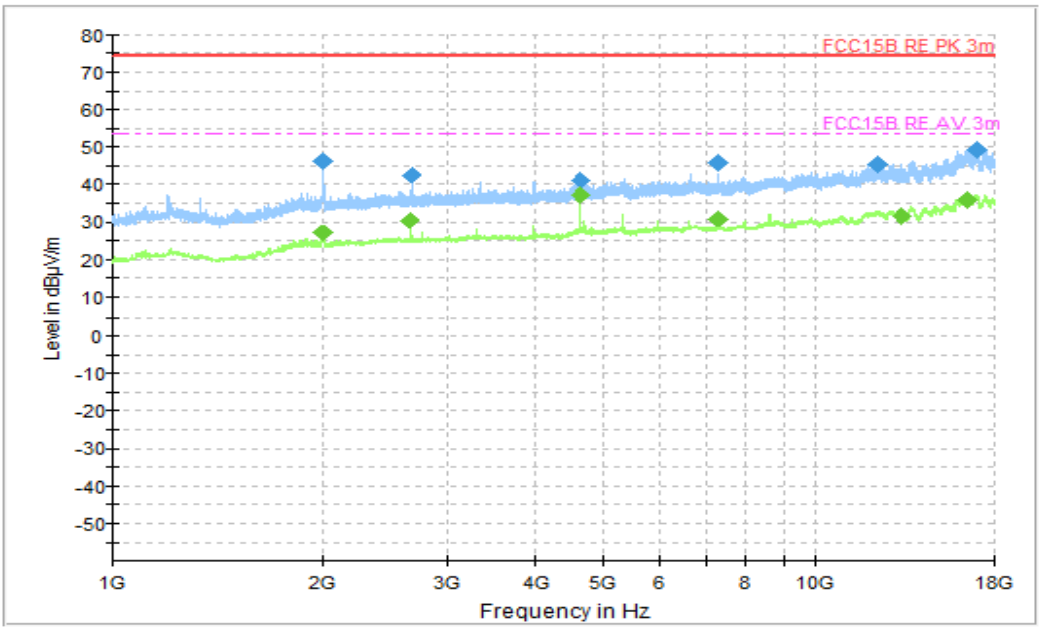


Figure A.10 Radiated Emission (Set.3, Data Transfer Mode: PC to EUT, 1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P_{Mea} (dBµV)
1997.000000	46.54	74.00	27.46	V	-5.9	52.44
2662.000000	42.72	74.00	31.28	V	-4.1	46.82
4640.500000	41.29	74.00	32.71	V	-0.1	41.39
7292.500000	45.80	74.00	28.20	V	3.5	42.30
12278.000000	45.58	74.00	28.42	V	8.3	37.28
17018.500000	49.16	74.00	24.84	V	14.8	34.36

Final_Results_AVG

Frequency(MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	PMea (dBµV)
1991.500000	27.36	54.00	26.64	V	-5.9	33.26
2652.000000	30.47	54.00	23.53	V	-4.1	34.57
4641.000000	37.31	54.00	16.69	V	-0.1	37.41
7293.000000	31.11	54.00	22.89	V	3.5	27.61
13285.000000	31.72	54.00	22.28	V	8.3	23.42
16535.000000	35.93	54.00	18.07	H	14.8	21.13

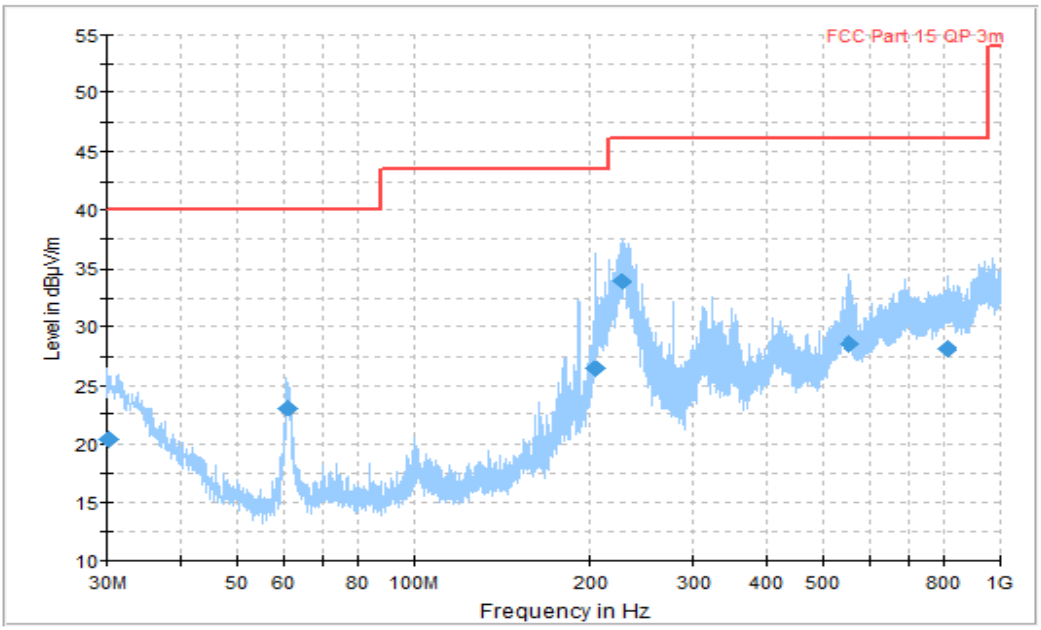


Figure A.11 Radiated Emission (Set.3, Data Transfer Mode: PC to TF, 30MHz to 1GHz)

Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	ARpl (dB/m)	P_{Mea} (dBµV)
30.210000	20.46	40.00	19.54	V	-6.3	26.76
61.088889	23.05	40.00	16.95	V	-15.5	38.55
203.983333	26.44	43.50	17.06	H	-11.4	37.84
227.545556	33.92	46.00	12.08	H	-10.5	44.42
552.699444	28.55	46.00	17.45	V	-0.8	29.35
811.118889	28.11	46.00	17.89	H	1.5	26.61

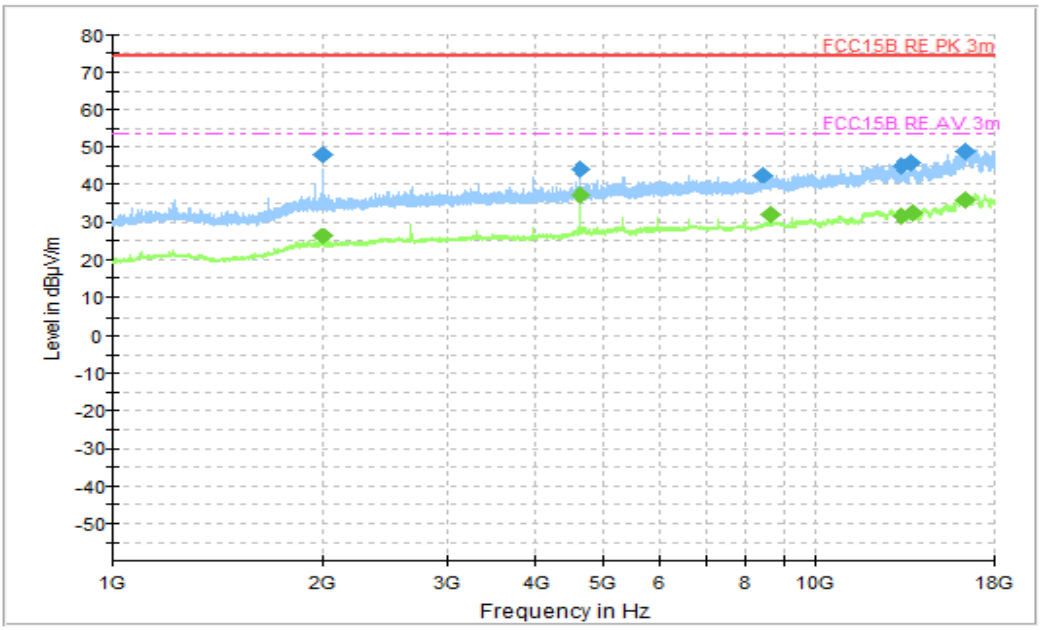


Figure A.12 Radiated Emission (Set.3, Data Transfer Mode: PC to TF, 1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P_{Mea} (dBµV)
1999.000000	47.85	74.00	26.16	V	-5.9	53.75
4648.000000	44.17	74.00	29.83	V	-0.1	44.27
8424.000000	42.81	74.00	31.19	V	5.2	37.61
13291.000000	45.07	74.00	28.93	V	8.3	36.77
13759.000000	46.04	74.00	27.96	V	9.0	37.04
16413.000000	49.04	74.00	24.96	V	14.6	34.44

Final_Results_AVG

Frequency(MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P_{Mea} (dBµV)
1999.000000	26.34	54.00	27.66	V	-5.9	32.24
4641.000000	37.23	54.00	16.77	V	-0.1	37.33
8619.000000	32.17	54.00	21.83	V	5.4	26.77
13287.500000	31.71	54.00	22.29	H	8.3	23.41
13834.000000	32.55	54.00	21.45	H	9.0	23.55
16460.500000	36.01	54.00	17.99	H	14.7	21.31

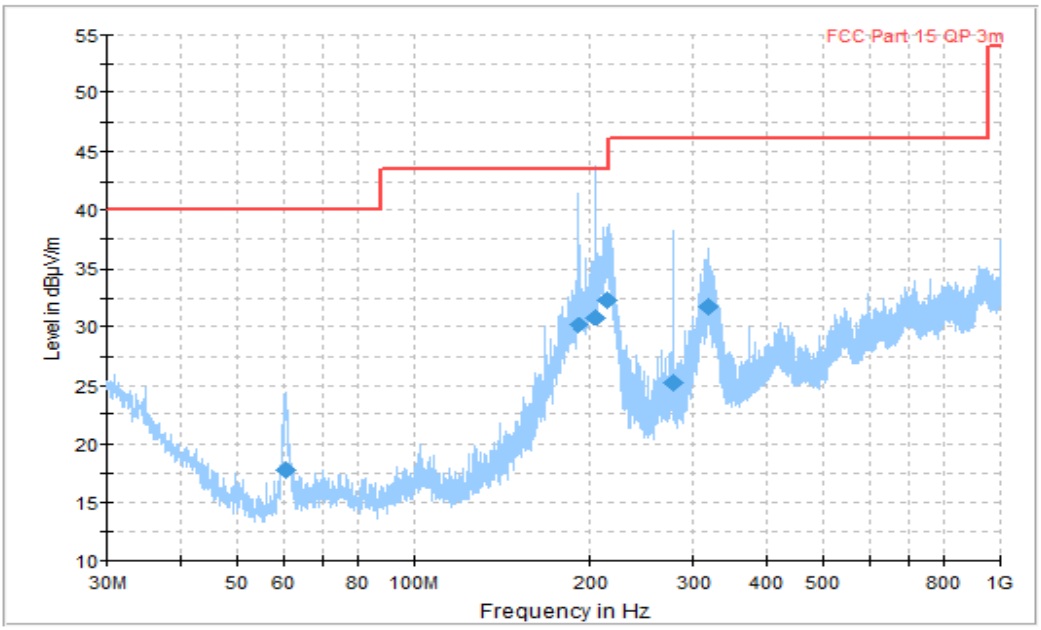


Figure A.13 Radiated Emission (Set.3, Data Transfer Mode: TF to PC, 30MHz to 1GHz)

Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	ARpl (dB/m)	P_{Mea} (dBµV)
60.597222	17.76	40.00	22.24	H	-15.6	33.36
192.008333	30.21	43.50	13.29	H	-12.6	42.81
204.007222	30.86	43.50	12.64	H	-11.4	42.26
213.826111	32.34	43.50	11.16	H	-11.2	43.54
275.996667	25.17	46.00	20.83	H	-9.0	34.17
317.461111	31.77	46.00	14.23	H	-8.1	39.87

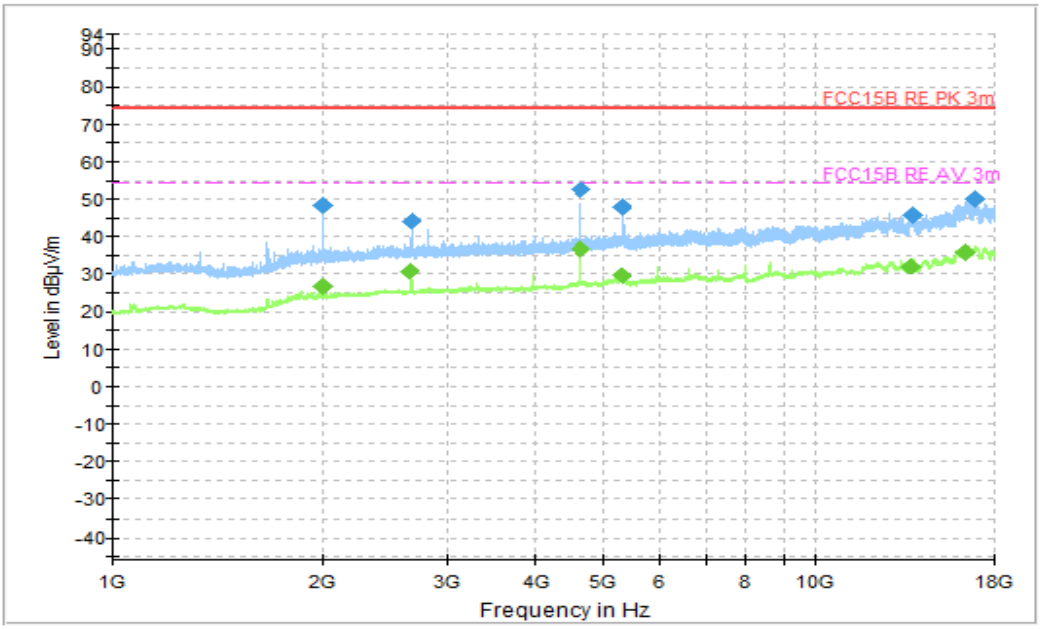


Figure A.14 Radiated Emission (Set.3, Data Transfer Mode: TF to PC, 1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P_{Mea} (dBµV)
1995.000000	48.22	74.00	25.78	V	-5.9	54.12
2661.000000	44.02	74.00	29.98	V	-4.1	48.12
4641.000000	52.51	74.00	21.49	V	-0.1	52.61
5319.500000	47.76	74.00	26.24	V	1.6	46.16
13817.000000	45.99	74.00	28.01	H	9.0	36.99
16925.500000	49.83	74.00	24.17	V	14.8	35.03

Final_Results_AVG

Frequency(MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	PMea (dBµV)
1992.000000	26.77	54.00	27.23	V	-5.9	32.67
2652.000000	30.66	54.00	23.34	V	-4.1	34.76
4641.000000	36.82	54.00	17.18	V	-0.1	36.92
5304.500000	29.47	54.00	24.53	V	1.6	27.87
13742.500000	32.28	54.00	21.72	H	8.9	23.38
16457.500000	35.99	54.00	18.01	H	14.7	21.29

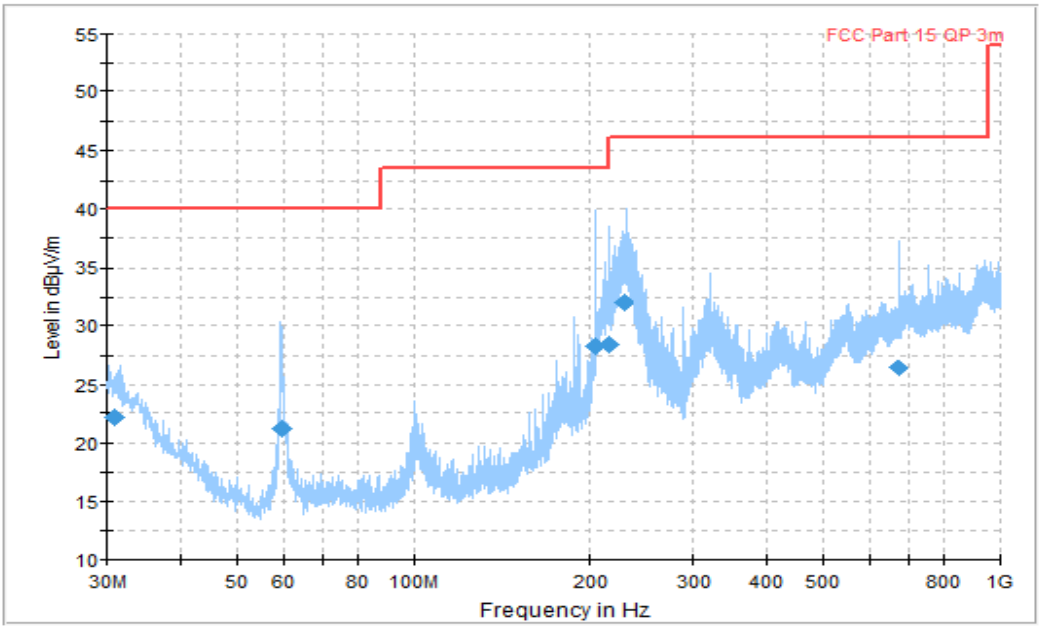


Figure A.15 Radiated Emission (Set.4, Data Transfer Mode: PC to EUT, 30MHz to 1GHz)

Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	ARpl (dB/m)	P_{Mea} (dBµV)
30.968889	22.11	40.00	17.89	V	-6.5	28.61
59.699444	21.18	40.00	18.82	V	-15.7	36.88
203.995556	28.23	43.50	15.27	H	-11.4	39.63
216.012778	28.38	46.00	17.62	H	-11.2	39.58
229.207778	32.06	46.00	13.94	H	-10.5	42.56
671.984444	26.46	46.00	19.54	H	0.3	26.16

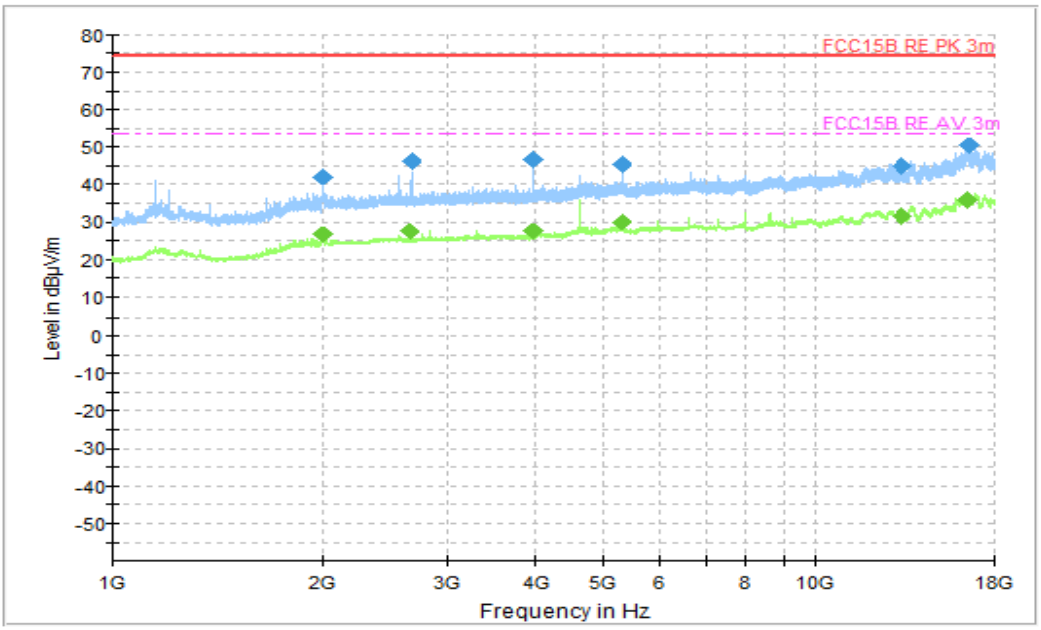


Figure A.16 Radiated Emission (Set.4, Data Transfer Mode: PC to EUT, 1GHz to 18GHz)

Final_Results_PK

Frequency(MHz)	Peak (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	P_{Mea} (dBµV)
1997.500000	42.03	74.00	31.97	V	-5.9	47.93
2663.000000	46.33	74.00	27.67	V	-4.1	50.43
3987.000000	46.61	74.00	27.39	V	-1.8	48.41
5322.500000	45.54	74.00	28.46	V	1.6	43.94
13297.500000	45.04	74.00	28.96	H	8.3	36.74
16581.000000	50.53	74.00	23.47	V	14.8	35.73

Final_Results_AVG

Frequency(MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin(dB)	Polarity	ARpl (dB/m)	PMea (dBµV)
1997.500000	26.84	54.00	27.16	V	-5.9	32.74
2651.500000	27.58	54.00	26.42	V	-4.1	31.68
3977.500000	27.67	54.00	26.33	V	-1.8	29.47
5303.500000	30.13	54.00	23.87	V	1.6	28.53
13285.000000	31.65	54.00	22.35	H	8.3	23.35
16479.500000	36.15	54.00	17.85	H	14.7	21.45

*****END OF REPORT*****