



TEST REPORT

No. 25T04Z100870-001

for

TCL Communication Ltd.

Tablet PC

Model Name: 9185W

with

FCC ID: 2ACCJB229

Hardware Version: 05

Software Version: 4J3M

Issued Date: 2025-04-25

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 CTTL.

Test Laboratory:

CTTL-Telecommunication Technology Labs, CAICT

No. 52, Huayuan North Road, Haidian District, Beijing, P. R. China 100191.

Tel:+86(0)10-62304633-2512, Fax:+86(0)10-62304633-2504

Email: ctl_terminals@caict.ac.cn, website: www.caict.ac.cn



REPORT HISTORY

Report Number	Revision	Description	Issue Date
25T04Z100870-001	Rev.0	1 st edition	2025-04-25

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

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1. Test Laboratory

1.1. Introduction & Accreditation

Telecommunication Technology Labs, CAICT is an ISO/IEC 17025:2017 accredited test laboratory under American Association for Laboratory Accreditation (A2LA) with lab code 7049.01, and is also an FCC accredited test laboratory (CN1349), and ISED accredited test laboratory (CAB identifier:CN0066). The detail accreditation scope can be found on A2LA website.

1.2. Testing Location

CTTL (BDA)

Address: No. 18A, Kangding Street, Beijing Economic-Technology Development Area, Beijing, 100176, P.R. China

1.3. Testing Environment

Normal Temperature: 15-35°C

Relative Humidity: 20-75%

1.4. Project data

Testing Start Date: 2025-04-21

Testing End Date: 2025-04-25

1.5. Signature



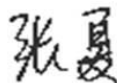
Li Yan

(Prepared this test report)



Zhang Ying

(Reviewed this test report)



Zhang Xia

Deputy Director of the laboratory

(Approved this test report)

2. Client Information

2.1. Applicant Information

Company Name: TCL Communication Ltd.
Address /Post: 5/F, Building 22E, 22 Science Park East Avenue, Hong Kong Science
Park, Shatin, NT, Hong Kong
Contact: Ting Wang
Email: ting.wang.hz@tcl.com
Telephone: +86 752 2639091

2.2. Manufacturer Information

Company Name: TCL Communication Ltd.
Address /Post: 5/F, Building 22E, 22 Science Park East Avenue, Hong Kong Science
Park, Shatin, NT, Hong Kong
Contact: Ting Wang
Email: ting.wang.hz@tcl.com
Telephone: +86 752 2639091

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

3.1. About EUT

Description	Tablet PC
Model name	9185W
FCC ID	2ACCJB229

Note: Components list, please refer to documents of the manufacturer; it is also included in the original test record of CTTL, Telecommunication Technology Labs, CAICT.

3.2. Internal Identification of EUT used during the test

EUT ID*	IMEI/SN	HW Version	SW Version
EUT1	016645000049491/ 016645000049806	05	4J3M

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

3.3. Internal Identification of AE used during the test

AE ID*	Name	Model	Manufacturer
AE1	Battery	TLp058C7	Veken
AE2*	Charger	/	/
AE3	USB cable	CDA0000297C1	Huizhou Juwei Electronics CO.,LTD
AE4*	Headset	/	/
AE5*	Date Cable C-A	/	/
AE6*	PC	/	/
AE7*	SD card	/	/
AE8*	MHD	/	/

* The USB cables are shielded.

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

* AE2, AE4, AE5, AE6, AE7 and AE8 are not the AE for EUT, provided by the Lab for relevant tests.

3.4. EUT set-ups

Set-up

EUT set-up No.	Combination of EUT and AE	Remarks
Set.1	EUT + AE2 + AE3 + AE4	Adapter+ headset
Set.2	EUT + AE2 + AE3	Adapter
Set.3	EUT + AE3 + EUT + AE4	EUT+EUT
Set.4	EUT + AE3 + MHD+ AE4	EUT+MHD
Set.5	EUT + AE3 + PC+ AE4	Type C communication with PC
Set.6	EUT + AE5 + PC + SD+ AE4	USB communication with PC+SD

Test mode

Mode No.	Operating mode	Remarks
mode.1	MP4 Play	RE, CE
mode.2	Front Camera	RE, CE
mode.3	Rear Camera	RE, CE
mode.4	OTG Phone to Phone charging	RE only
mode.5	OTG + Mobile HD+MP4	RE only
mode.6	USB DATA (TYPE C)	RE, CE
mode.7	USB DATA (USB, SD TO PC)	RE, CE
mode.8	FM mode	FM(Low/Mid/High channel)
mode.9	CXX RX mode	GSM850, WCDMA Band 5, LTE Band 5, LTE Band 12, LTE Band 26, LTE Band 71 and 5G NR Band71 (Low/Mid/High channel)

4. Reference Documents

4.1. Documents supplied by applicant

EUT parameters are supplied by the client or manufacturer, which is the basis of testing.

4.2. Reference Documents for testing

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

Reference	Title	Version
FCC 47 CFR Part 15, Subpart B	Radio frequency devices - Unintentional Radiators	2023
ANSI C63.4	American National Standard for Methods of Measurement of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the Range of 9 kHz to 40 GHz	2014

Note: The test methods have no deviation with standards.

5. SUMMARY OF TEST RESULTS

Abbreviations used in this clause:		
Verdict Column	P	Pass
	NA	Not applicable
	F	Fail
	BR	Re-use test data from basic model report.

5.1. Summary of Measurement Results

Items	Test Name	Clause in FCC rules	Section in this report	Verdict	Test Location
1	Radiated Emission	15.109(a)	B.1	P	CTTL(BDA)
2	Conducted Emission	15.107(a)	B.2	P	CTTL(BDA)

5.2. Statements

The Equipment under Test (EUT) is a second source model of 9185W (FCC ID: 2ACCJB229). According to the declaration provided by the manufacturer RE/CE spot checks were tested. For detail differences between two models please refer the Declaration of Changes document. For details of other results please refer the initial model report, the report number is 24T04Z103031-018 (FCC ID: 2ACCJB229).

6. Test Facilities Utilized

Test Equipment

NO.	Description	TYPE	SERIES NUMBER	MANUFACTURER	CAL DUE DATE	CALIBRATION INTERVAL
1	Test Receiver	ESU26	100376	R&S	2025-06-06	1 year
2	Test Receiver	ESCI	100766	R&S	2026-04-18	1 year
3	LISN	ENV216	101459	R&S	2025-05-18	1 year
4	BiLog Antenna	VULB9163	01177	Schwarzbeck	2025-11-09	1 year
5	EMI Antenna	3117	00119021	ETS-Lindgren	2025-09-18	1 year
6	Vector Signal Generator	SMF100A	101295	R&S	2026-02-10	1 Year
7	Universal Radio Communication Tester	CMW500	159408	R&S	2026-02-16	1 Year
8	Universal Radio Communication Tester	SP9500	20482	StarPoint	2026-12-10	2 Years
9	Printer	P1606dn	VNC3L52122	HP	N/A	N/A
10	Keyboard	KU-1601	2048361	Lenovo	N/A	N/A
11	Mouse	EMS-537A	8021S3MC	Lenovo	N/A	N/A
12	PC	M4000e-17	M706RMW2	Lenovo	N/A	N/A
13	PC	T14S	PC-1RP0TY	Lenovo	N/A	N/A

Test Software

Test Item	Test Software and Version	Software Vendor
Radiated Continuous Emission	EMC32 V8.53.0	R&S
Conducted Emission	EMC32 V8.53.0	R&S

7. Measurement Uncertainty

Where relevant, the following measurement uncertainty (worse case) levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2:

Location 1: CTTL (huayuan North Road)

Test item	Frequency ranges	Measurement uncertainty
Radiated Emission	30MHz-1GHz	4.72dB(k=2)
	1GHz-18GHz	4.84dB(k=2)
Conducted Emission	150kHz-30MHz	3.08dB(k=2)

Location 2: CTTL (BDA)

Test item	Frequency ranges	Measurement uncertainty
Radiated Emission	30MHz-1GHz	5.73dB(k=2)
	1GHz-18GHz	5.58dB(k=2)
Conducted Emission	150kHz-30MHz	3.10dB(k=2)

ANNEX A: EUT parameters

Description	Tablet PC	
Model name	9185W	
Marketing name	TBD	
Brand name	TCL	
Cellular Bands	☒ GSM	Bands 850/900/1800/1900MHz
	☐ CDMA	/
	☒ WCDMA	Bands 2/4/5
	☒ LTE	Bands 1/2/3/4/5/7/8/12/20/25/26/28/38/41/66/71
	☒ 5G NR SA	Bands 25/41/66/71
	☐ 5G NR NSA	/
Unlicensed Radio	☒ Wi-Fi 2.4GHz	802.11b/g/n(20MHz,40MHz)
	☒ Wi-Fi 5GHz	802.11a/n(20MHz,40MHz)/ac(20MHz,40MHz,80MHz)
	☒ Wi-Fi 5.8GHz	802.11a/n(20MHz,40MHz)/ac(20MHz,40MHz,80MHz)
	☒ Bluetooth	☒ EDR ☐ BLE4 ☒ BLE5
Other	☒ GNSS	☒ GPS ☐ BDS ☒ Galileo ☐ Glonass
	☒ FM ☒ MP3 ☒ MP4 ☒ Camera ☒ USB ☐ NFC	
	☒ External memory	

The device contains receivers which tune and operate between 30MHz-960MHz in the following bands: GSM850, WCDMA Band 5, LTE Band 5, LTE Band 12, LTE Band 26, LTE Band 71 and 5G NR Band71.

For more EUT information please refers to the manufacturer's specifications or user's manual.

Disclaimer: The EUT information provided by the client may affect the validity of the measurement results in this report, and the client shall bear the impact and consequences arising therefrom.

ANNEX B: MEASUREMENT RESULTS

B.1 Radiated Emission

Reference

FCC: CFR Part 15.109(a).

B.1.1 Method of measurement

The field strength of radiated emissions from the unintentional radiator at distances of 3 meters (for 30MHz-1GHz) and 3 meters (for above 1GHz) 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 and arranged in a typical configuration in accordance with ANSI C63.4-2014 and manipulated to obtain worst case emissions. 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.

For the test setup photographs please see the test setup photos document.

B.1.2 EUT Operating Mode

The EUT is operating in the USB mode, charging mode, FM, MP3, MP4, CAMERA, OTG, SD and cellular RX mode.

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

The FM radio mode radiated testing was performed with the Low/Mid/High channel. Only the worst cases are reported.

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

Note: I/O information: Printer – USB, Mouse – PS/2, Keyboard – USB.

B.1.3 Measurement Limit

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

Note: the above limit is for 3 meters test distance.

B.1.4 Test Condition

Voltage (V)	Frequency (Hz)
120	60

Frequency range (MHz)	RBW/VBW	Sweep Time (s)	Detector
30-1000	120kHz (IF Bandwidth)	5	Peak/Quasi-peak
Above 1000	1MHz/3MHz	15	Peak, Average

B.1.5 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: all the set-up and operating mode list in section 3.4 were tested, only the worst test data are showed in this section.

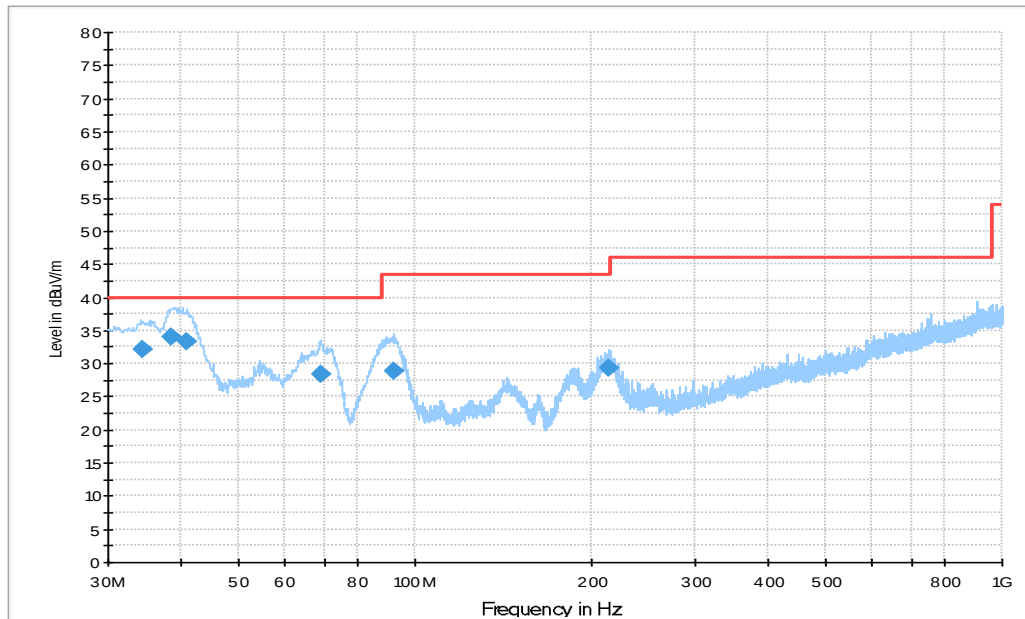


Figure A.1 Radiated Emission from 30MHz to 1GHz

Final Result 1

Frequency (MHz)	QuasiPeak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBuV/m)
34.422000	32.1	100.0	V	22.0	-2.8	7.9	40.0
38.519000	34.1	100.0	V	4.0	-1.3	5.9	40.0
40.764000	33.3	100.0	V	22.0	-0.5	6.7	40.0
68.917000	28.4	100.0	V	196.0	-3.7	11.6	40.0
91.883000	28.9	100.0	V	0.0	-2.6	14.6	43.5
213.33300	29.4	125.0	H	9.0	-1.0	14.1	43.5

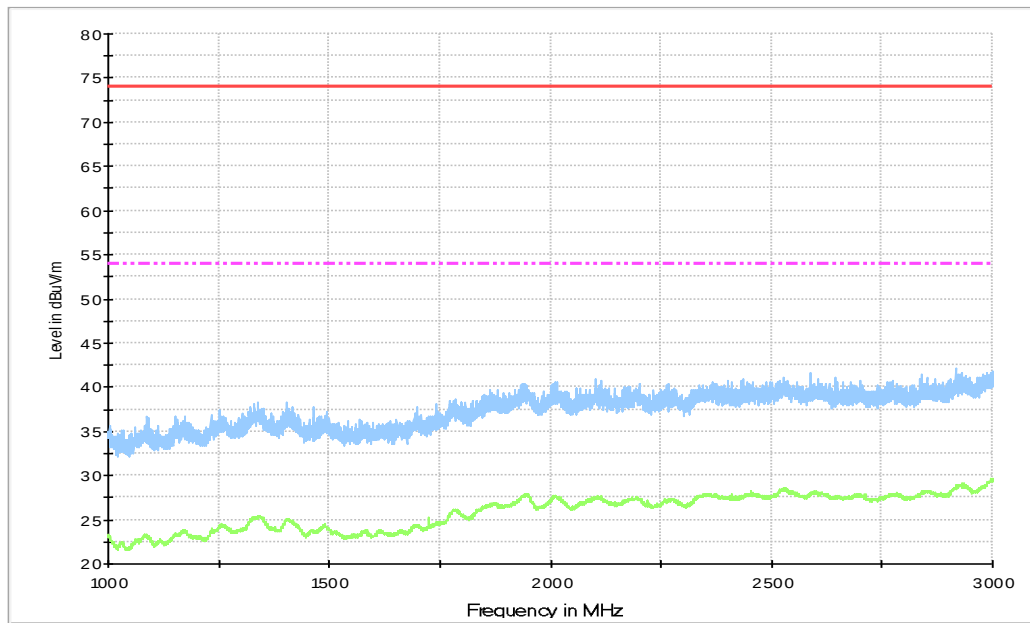


Figure A.2 Radiated Emission from 1GHz to 3GHz

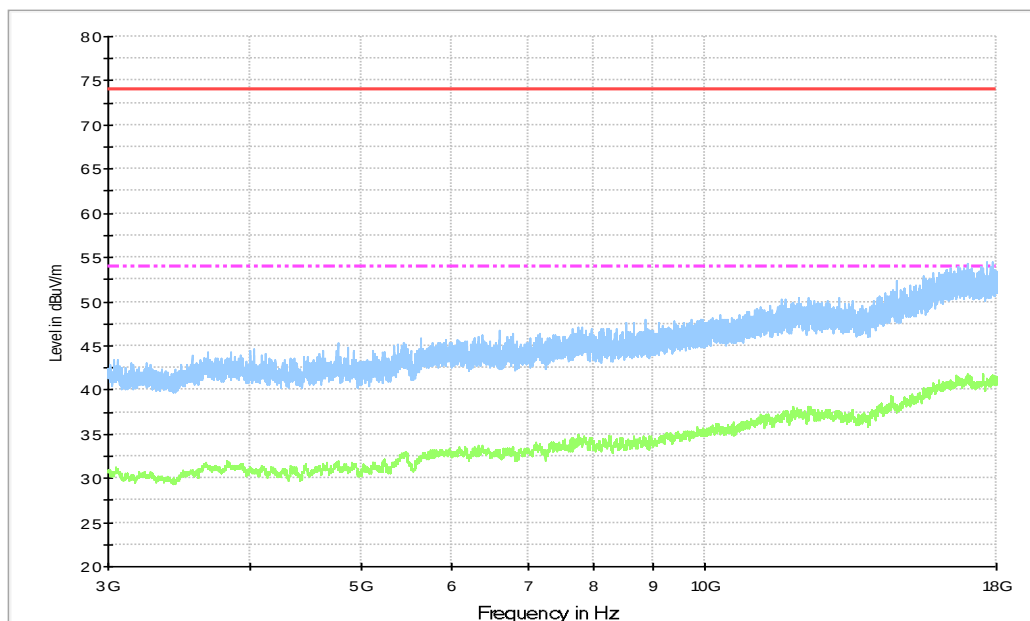


Figure A.3 Radiated Emission from 3GHz to 18GHz

Average detector result

Frequency (MHz)	Measurement Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17540.000	41.76	-20.63	40.76	21.63	54.00	12.24	V
17537.500	41.75	-20.87	40.76	21.86	54.00	12.25	V
17014.000	41.74	-22.11	41.09	22.76	54.00	12.26	V
17539.500	41.73	-20.67	40.76	21.65	54.00	12.27	V
17018.000	41.72	-22.07	41.08	22.71	54.00	12.28	V
17543.000	41.70	-20.88	40.76	21.82	54.00	12.30	V

Peak detector result

Frequency (MHz)	Measurement Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17651.000	54.53	-21.33	40.60	35.26	74.00	19.47	V
17877.500	54.43	-21.05	40.52	34.95	74.00	19.57	V
17014.000	54.26	-22.11	41.09	35.28	74.00	19.74	V
16678.500	54.01	-22.54	41.38	35.16	74.00	19.99	V
17472.500	53.99	-21.81	40.77	35.03	74.00	20.01	V
17865.000	53.97	-21.30	40.53	34.74	74.00	20.03	V

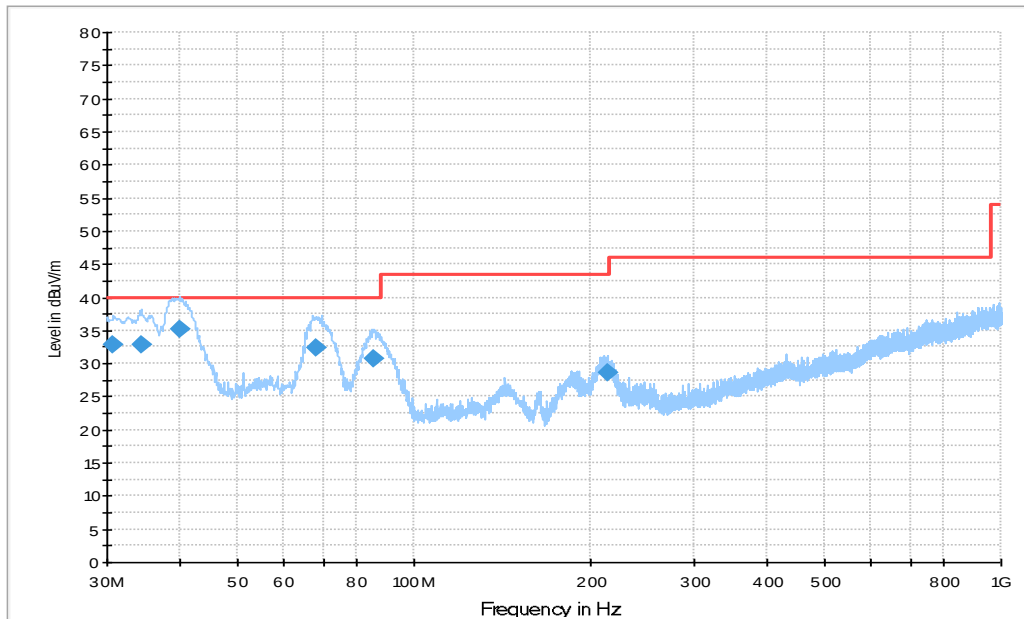


Figure A.4 Radiated Emission from 30MHz to 1GHz

Final Result 1

Frequency (MHz)	QuasiPeak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBuV/m)
30.676000	32.8	100.0	V	189.0	-3.6	7.2	40.0
34.288000	32.8	100.0	V	-10.0	-2.8	7.2	40.0
39.794000	35.3	100.0	V	68.0	-0.7	4.7	40.0
68.318000	32.4	100.0	V	292.0	-3.4	7.6	40.0
85.196000	30.7	100.0	V	254.0	-5.1	9.3	40.0
213.31300	28.7	125.0	H	196.0	-1.0	14.8	43.5

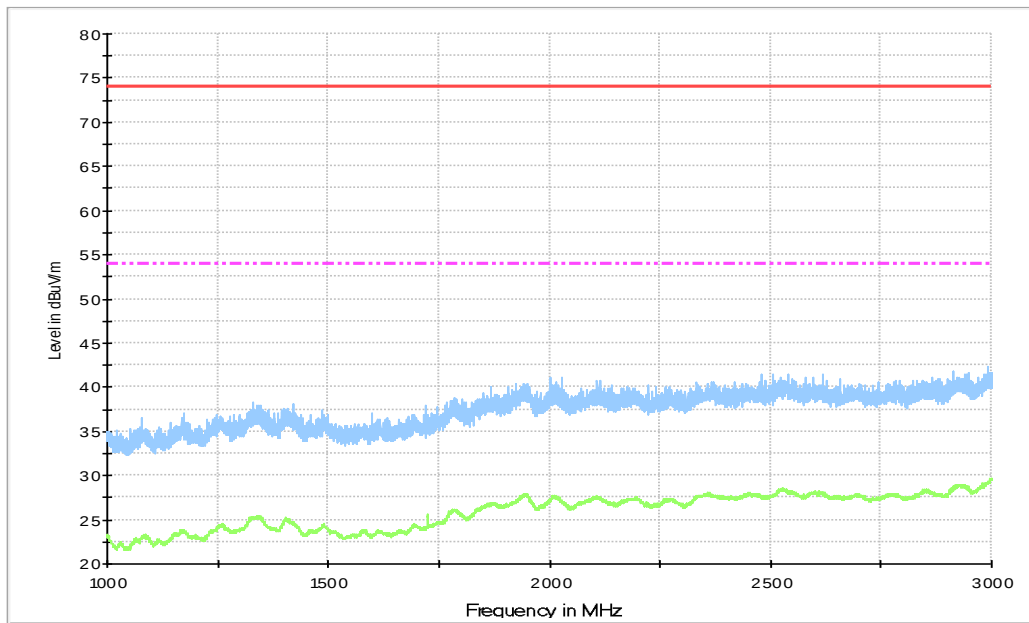


Figure A.5 Radiated Emission from 1GHz to 3GHz

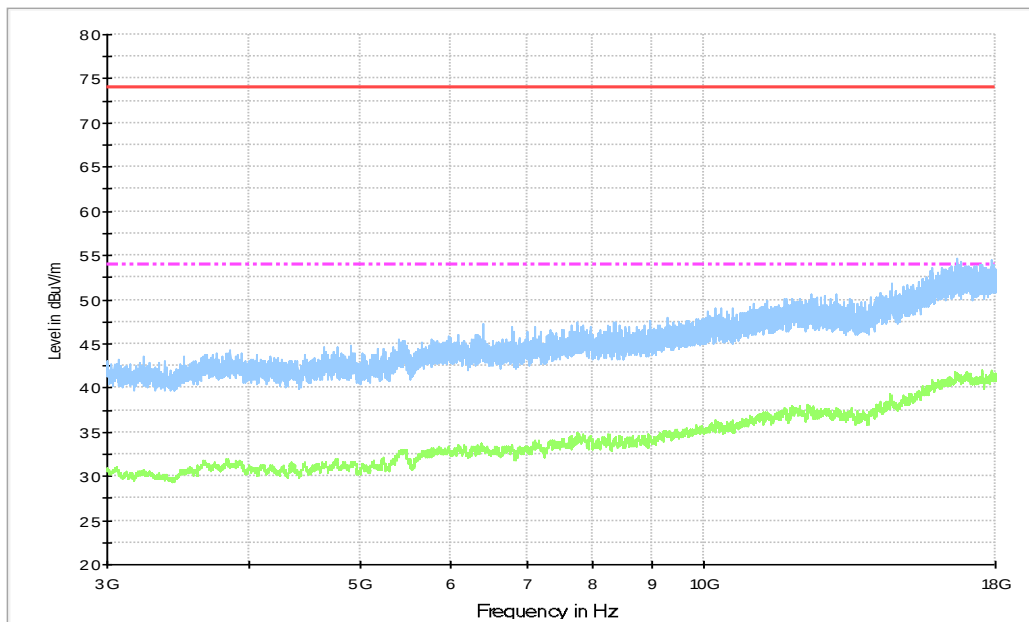


Figure A.6 Radiated Emission from 3GHz to 18GHz

Average detector result

Frequency (MHz)	Measurement Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17541.000	41.95	-20.71	40.76	21.90	54.00	12.05	V
17538.500	41.95	-20.77	40.76	21.96	54.00	12.05	V
17540.000	41.94	-20.63	40.76	21.80	54.00	12.06	V
17894.000	41.91	-21.05	40.51	22.46	54.00	12.09	V
17016.000	41.90	-22.09	41.08	22.91	54.00	12.10	V
17013.500	41.88	-22.12	41.09	22.91	54.00	12.12	V

Peak detector result

Frequency (MHz)	Measurement Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
16656.500	54.69	-22.49	41.36	35.83	74.00	19.31	V
17856.000	54.43	-21.26	40.54	35.15	74.00	19.57	V
16762.000	54.32	-22.77	41.40	35.69	74.00	19.68	V
16651.000	54.00	-22.70	41.35	35.35	74.00	20.00	V
17462.500	53.97	-21.73	40.76	34.94	74.00	20.03	V
17939.000	53.96	-21.45	40.54	34.87	74.00	20.04	V

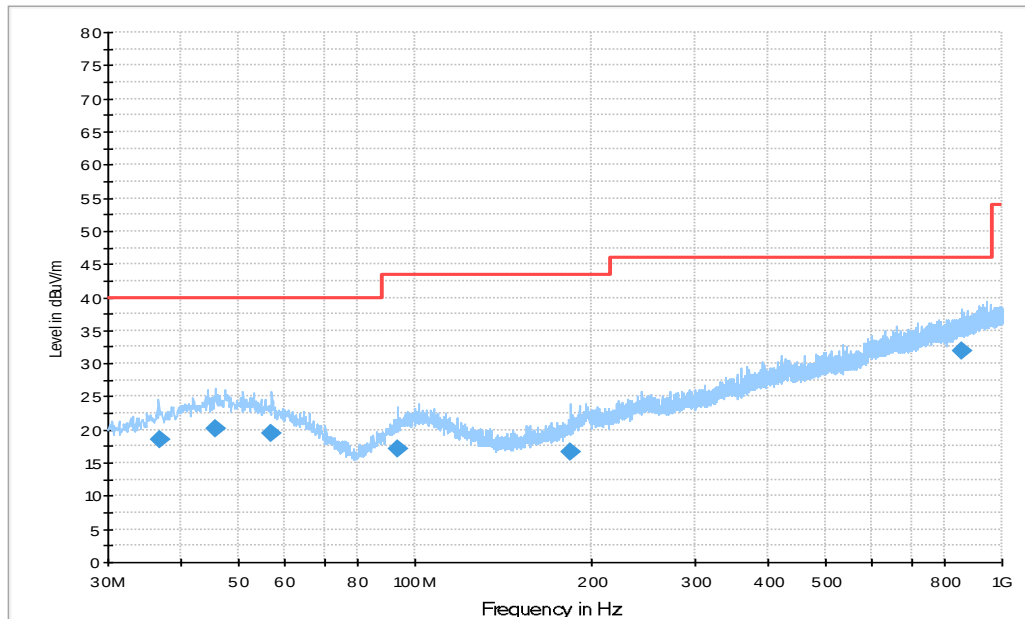


Figure A.7 Radiated Emission from 30MHz to 1GHz

Final Result 1

Frequency (MHz)	QuasiPeak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBuV/m)
36.676000	18.4	125.0	H	183.0	-1.9	21.6	40.0
45.814000	20.2	100.0	V	292.0	0.3	19.8	40.0
57.083000	19.5	100.0	H	190.0	-0.2	20.5	40.0
93.361000	17.1	125.0	H	90.0	-2.3	26.4	43.5
184.50400	16.7	100.0	V	106.0	-2.3	26.8	43.5
855.66700	31.9	113.0	H	248.0	12.6	14.1	46.0

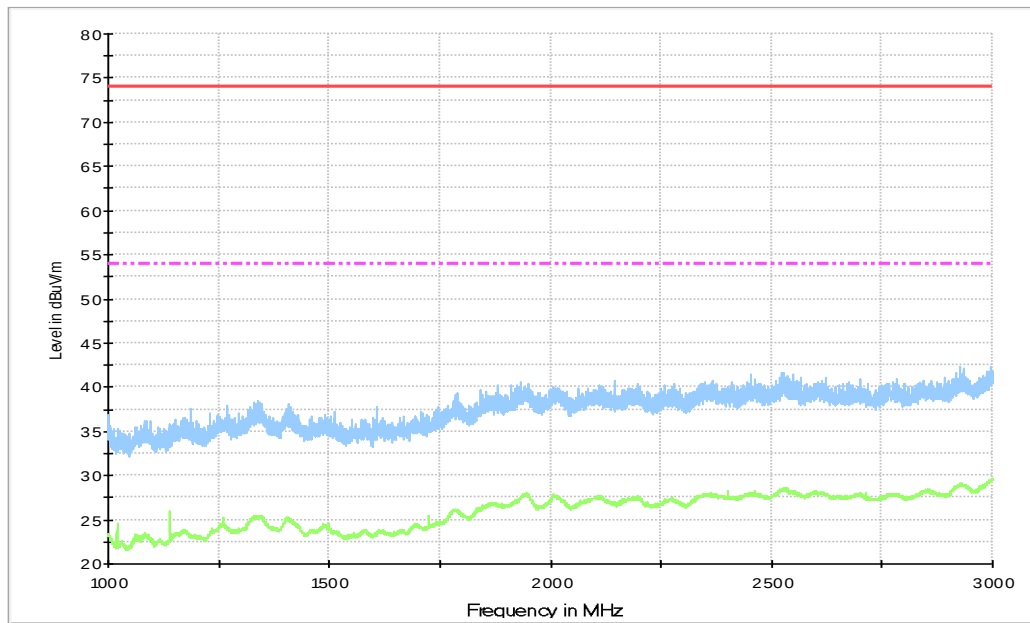


Figure A.8 Radiated Emission from 1GHz to 3GHz

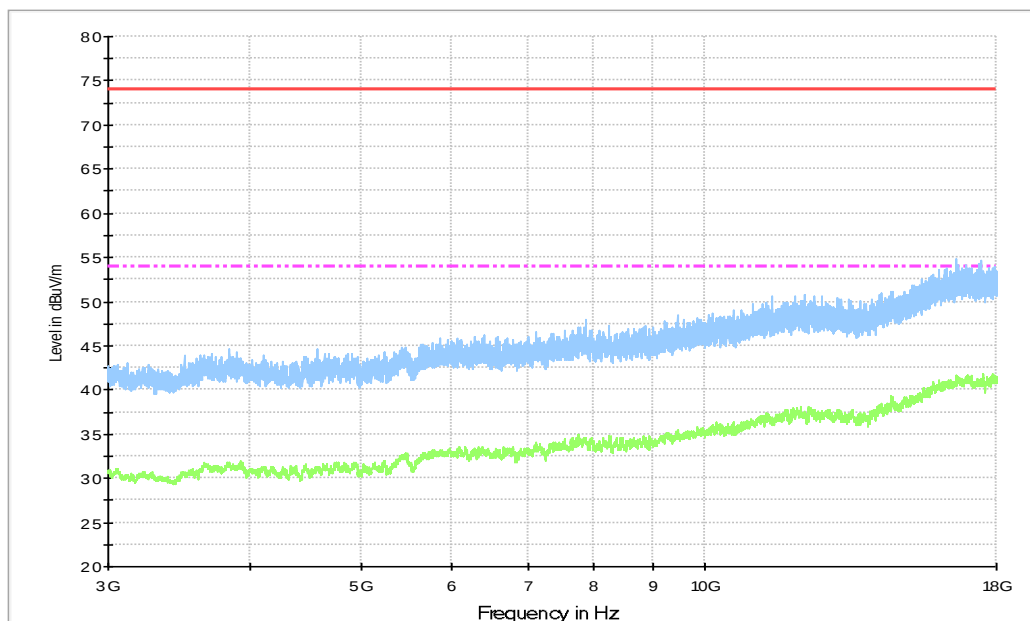


Figure A.9 Radiated Emission from 3GHz to 18GHz

Average detector result

Frequency (MHz)	Measurement Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17540.000	41.84	-20.63	40.76	21.70	54.00	12.16	V
17539.500	41.84	-20.67	40.76	21.75	54.00	12.16	V
17890.500	41.83	-20.99	40.51	22.31	54.00	12.17	V
17540.500	41.79	-20.67	40.76	21.70	54.00	12.21	V
17541.500	41.79	-20.75	40.76	21.78	54.00	12.21	V
17891.000	41.79	-21.00	40.51	22.28	54.00	12.21	V

Peak detector result

Frequency (MHz)	Measurement Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
16622.500	54.76	-22.49	41.32	35.93	74.00	19.24	V
17425.000	54.73	-21.74	40.73	35.74	74.00	19.27	V
17378.000	54.30	-21.85	40.72	35.43	74.00	19.70	V
16936.000	54.19	-22.43	41.29	35.33	74.00	19.81	V
16629.000	54.06	-22.57	41.33	35.30	74.00	19.94	V
17916.500	53.87	-21.30	40.52	34.66	74.00	20.13	V

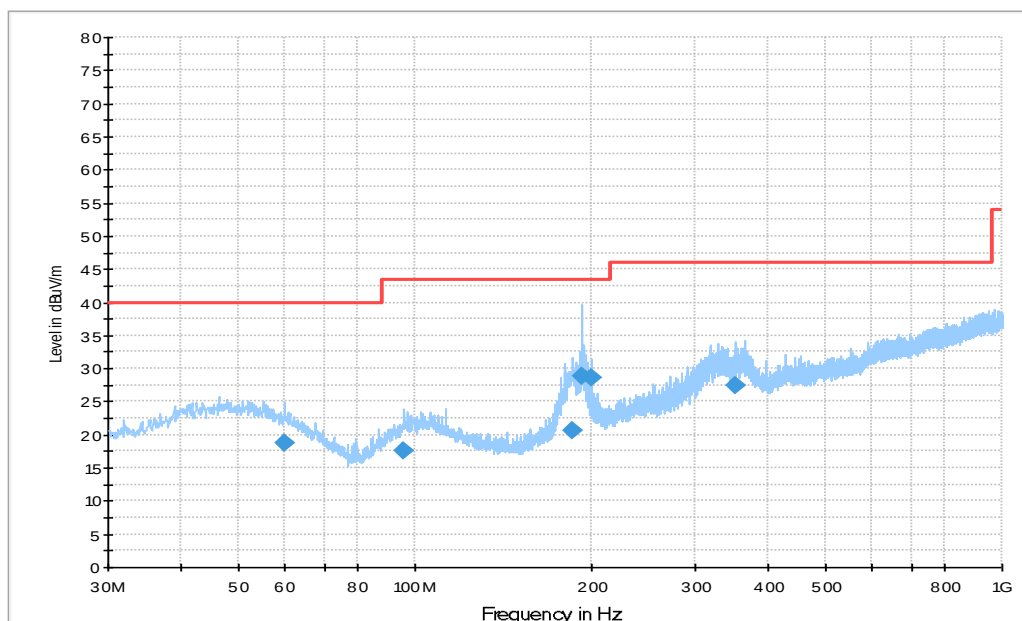


Figure A.10 Radiated Emission from 30MHz to 1GHz

Final Result 1

Frequency (MHz)	QuasiPeak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBuV/m)
59.956000	18.8	113.0	H	267.0	-0.9	21.2	40.0
95.763000	17.6	125.0	H	292.0	-1.8	25.9	43.5
185.00300	20.6	100.0	H	183.0	-2.2	22.9	43.5
192.01000	28.8	100.0	H	248.0	-1.2	14.7	43.5
199.90400	28.5	125.0	H	273.0	-0.9	15.0	43.5
351.70900	27.4	100.0	H	267.0	3.7	18.6	46.0

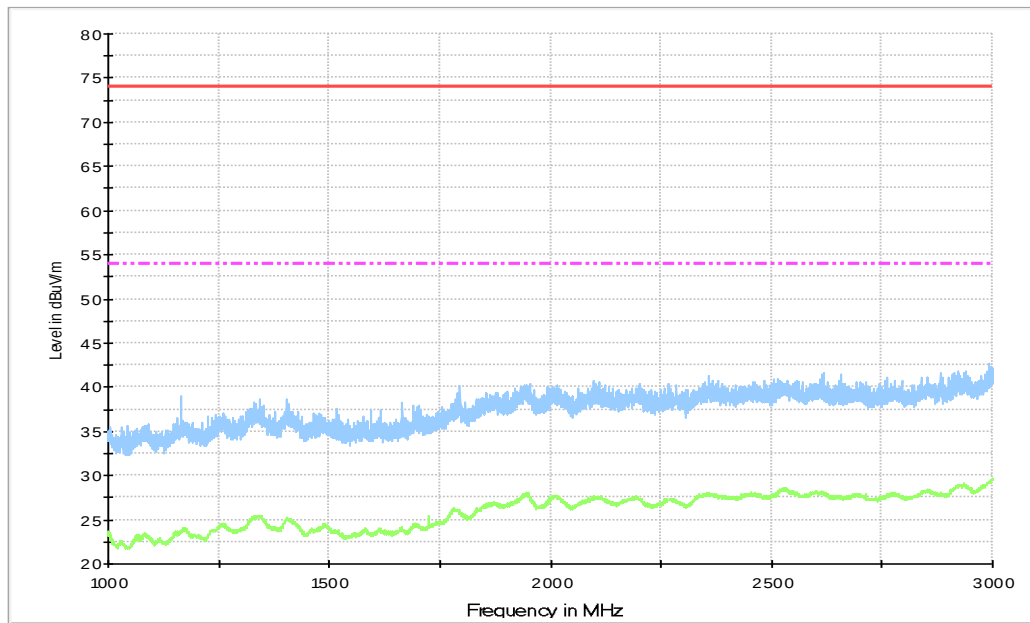


Figure A.11 Radiated Emission from 1GHz to 3GHz

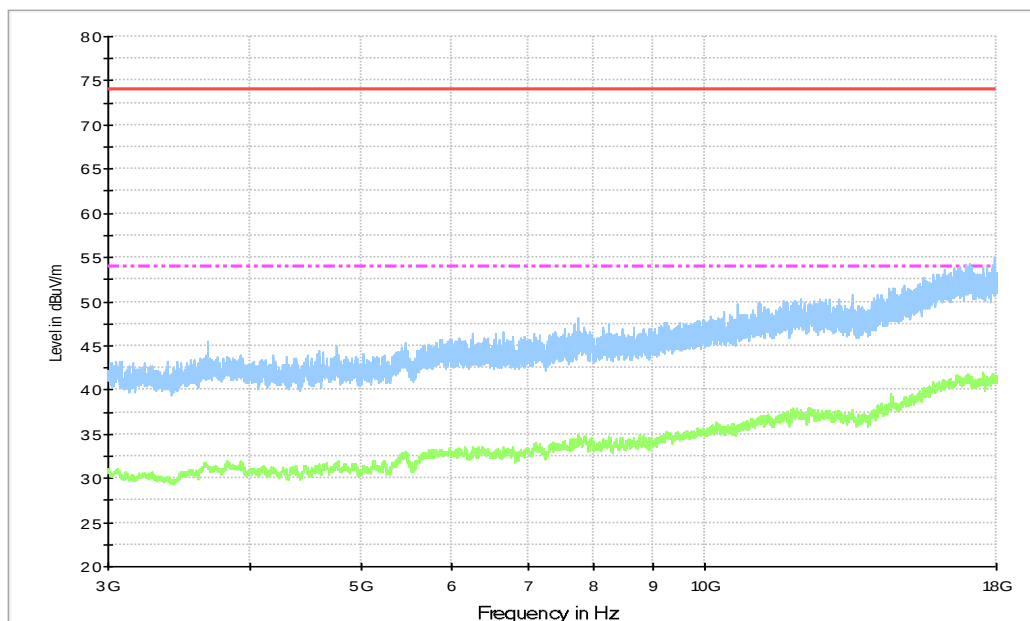


Figure A.12 Radiated Emission from 3GHz to 18GHz

Average detector result

Frequency (MHz)	Measurement Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17541.500	41.93	-20.75	40.76	21.92	54.00	12.07	V
17544.000	41.90	-20.96	40.76	22.11	54.00	12.10	V
17542.000	41.90	-20.79	40.76	21.94	54.00	12.10	V
17538.000	41.88	-20.82	40.76	21.94	54.00	12.12	V
17540.000	41.86	-20.63	40.76	21.72	54.00	12.14	V
17539.500	41.81	-20.67	40.76	21.72	54.00	12.19	V

Peak detector result

Frequency (MHz)	Measurement Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17954.500	55.06	-20.88	40.55	35.39	74.00	18.94	V
17034.000	54.26	-22.56	41.07	35.75	74.00	19.74	V
17883.500	54.12	-20.96	40.52	34.56	74.00	19.88	V
16923.000	54.08	-22.46	41.33	35.21	74.00	19.92	V
16693.500	54.03	-22.58	41.39	35.22	74.00	19.97	V
16955.500	54.00	-22.22	41.23	34.98	74.00	20.00	V

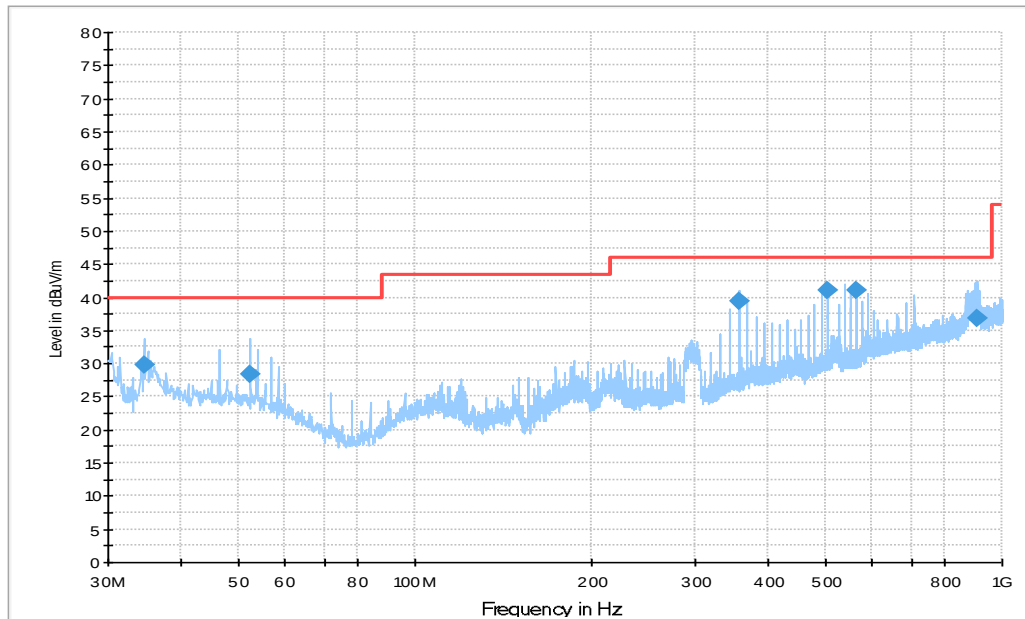


Figure A.13 Radiated Emission from 30MHz to 1GHz

Final Result 1

Frequency (MHz)	QuasiPeak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBuV/m)
34.519000	29.7	100.0	V	112.0	-2.7	10.3	40.0
52.507000	28.3	100.0	V	270.0	0.3	11.7	40.0
356.32800	39.5	100.0	H	280.0	3.5	6.5	46.0
503.80500	41.0	100.0	V	260.0	7.2	5.0	46.0
565.26600	41.0	100.0	V	254.0	8.1	5.0	46.0
909.81000	36.8	100.0	V	22.0	13.5	9.2	46.0

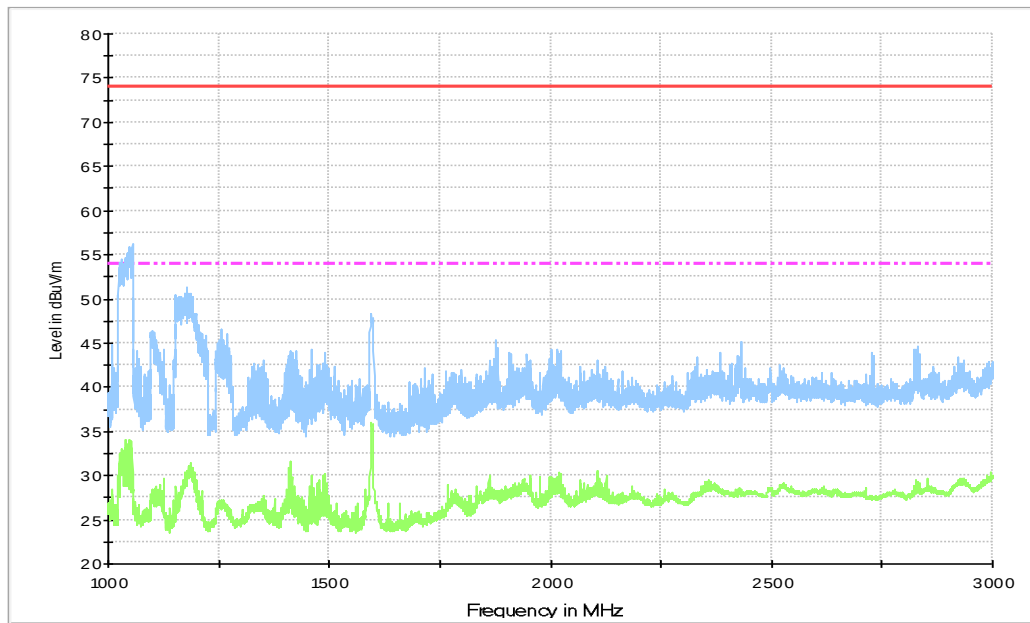


Figure A.14 Radiated Emission from 1GHz to 3GHz

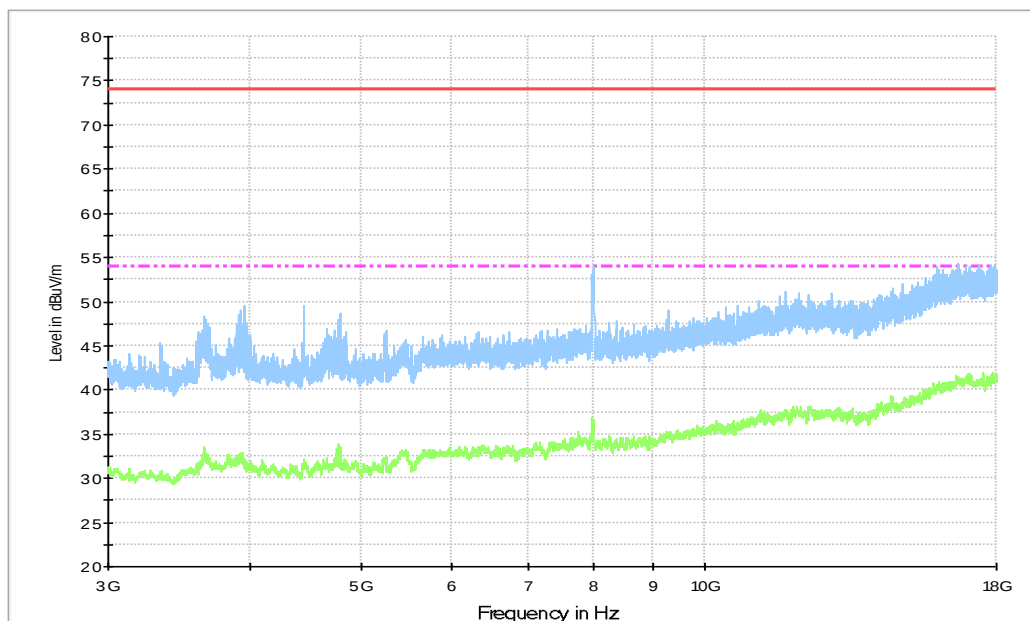


Figure A.15 Radiated Emission from 3GHz to 18GHz

Average detector result

Frequency (MHz)	Measurement Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
1047.400	33.99	-38.35	26.73	45.62	54.00	20.01	V
1187.600	31.49	-37.97	27.90	41.56	54.00	22.51	V
1411.000	31.60	-37.52	28.91	40.21	54.00	22.40	V
1594.200	36.07	-37.75	27.91	45.92	54.00	17.93	H
4774.500	33.97	-33.06	34.00	33.03	54.00	20.03	V
7970.000	36.95	-30.56	35.72	31.79	54.00	17.05	V

Peak detector result

Frequency (MHz)	Measurement Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
1054.400	56.22	-38.26	26.74	67.74	74.00	17.78	V
1178.400	51.26	-37.88	27.83	61.31	74.00	22.74	V
1594.400	48.27	-37.76	27.91	58.12	74.00	25.73	V
2831.400	44.68	-36.44	32.44	48.68	74.00	29.32	V
4447.000	49.64	-32.81	33.60	48.85	74.00	24.36	V
7985.500	53.98	-31.09	35.66	49.41	74.00	20.02	V

B.2 Conducted Emission**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 150 kHz to 30 MHz shall not exceed the limits. Tested in accordance with the procedures of ANSI C63.4 – 2014, section 7.3.

For the test setup photographs please see the test setup photos document.

B.2.2 EUT Operating Mode

The EUT is operating in the USB mode, charging mode, FM, MP3, MP4, CAMERA, SD and cellular RX mode.

The software is used to let the PC keep on copying data to MS, reading and erasing the data after copy action was finished.

Note: I/O information: Printer – USB, Mouse – PS/2, Keyboard – USB.

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 Condition in charging mode

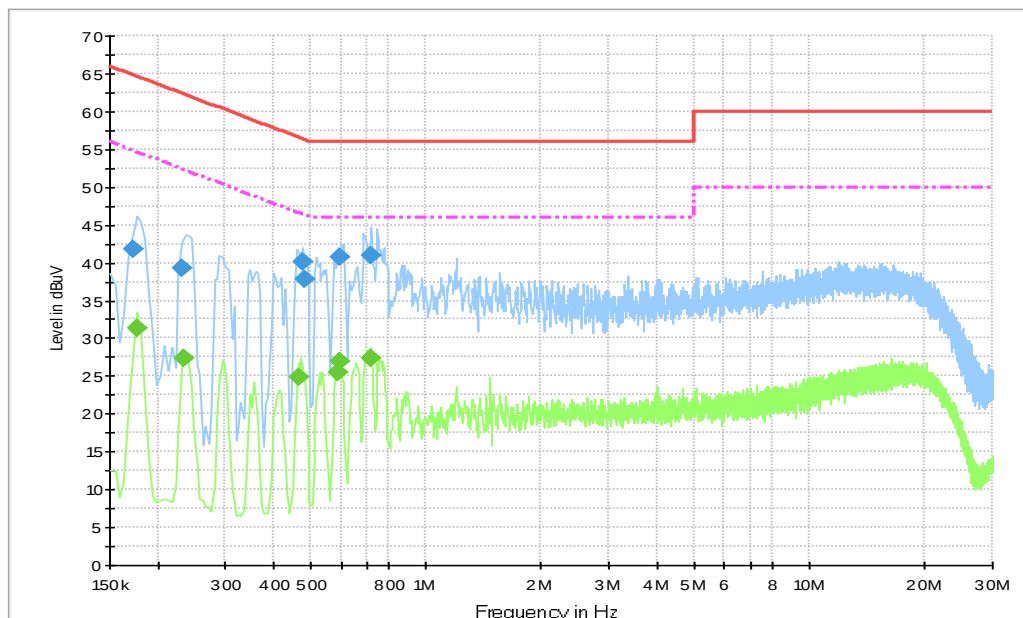
Voltage (V)	Frequency (Hz)
120	60

RBW/IF bandwidth	Sweep Time(s)
9kHz	1

B.2.5 Measurement Results

Note: all the set-up and operating mode list in section 3.4 were tested, only the worst test data are showed in this section.

Set.1+Mode3



Note: The graphic result above is the maximum of the measurements for both phase line and neutral line.

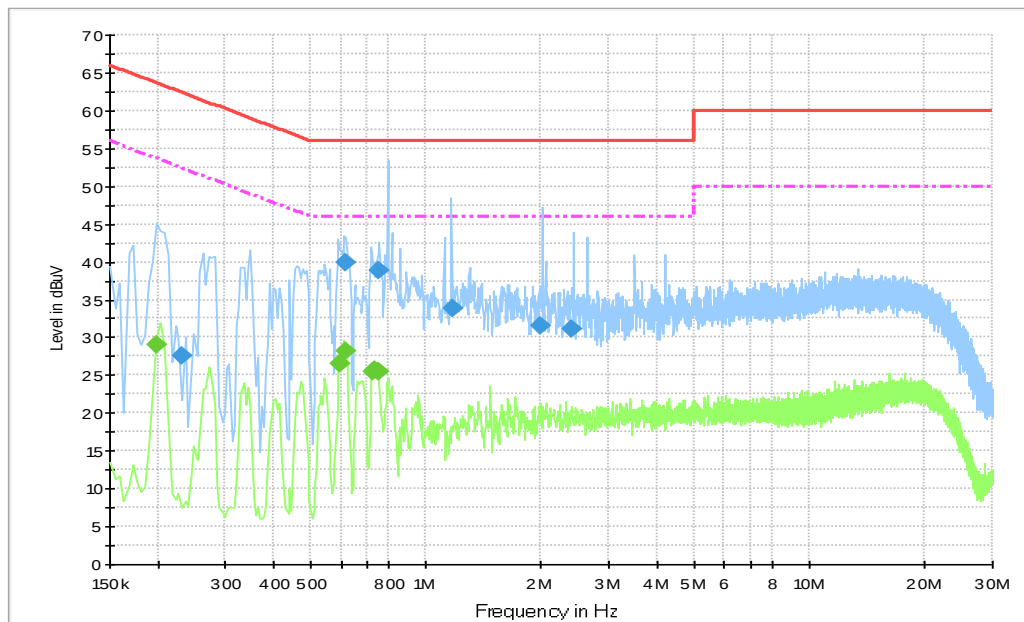
Figure A.16 Conducted Emission

Final Result 1

Frequency (MHz)	QuasiPeak (dBμV)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
0.172500	41.7	2000.0	9.000	L1	20.0	23.1	64.8
0.230500	39.3	2000.0	9.000	L1	20.0	23.1	62.4
0.478000	40.0	2000.0	9.000	N	20.2	16.3	56.4
0.482500	37.7	2000.0	9.000	L1	20.1	18.6	56.3
0.599500	40.7	2000.0	9.000	N	20.1	15.3	56.0
0.721000	40.9	2000.0	9.000	L1	20.0	15.1	56.0

Final Result 2

Frequency (MHz)	Average (dBμV)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
0.177000	31.2	2000.0	9.000	N	20.0	23.4	54.6
0.235000	27.5	2000.0	9.000	L1	20.0	24.8	52.3
0.464500	24.8	2000.0	9.000	L1	20.1	21.8	46.6
0.586000	25.5	2000.0	9.000	N	20.1	20.5	46.0
0.599500	26.9	2000.0	9.000	L1	20.0	19.1	46.0
0.721000	27.3	2000.0	9.000	N	20.1	18.7	46.0



Note: The graphic result above is the maximum of the measurements for both phase line and neutral line.

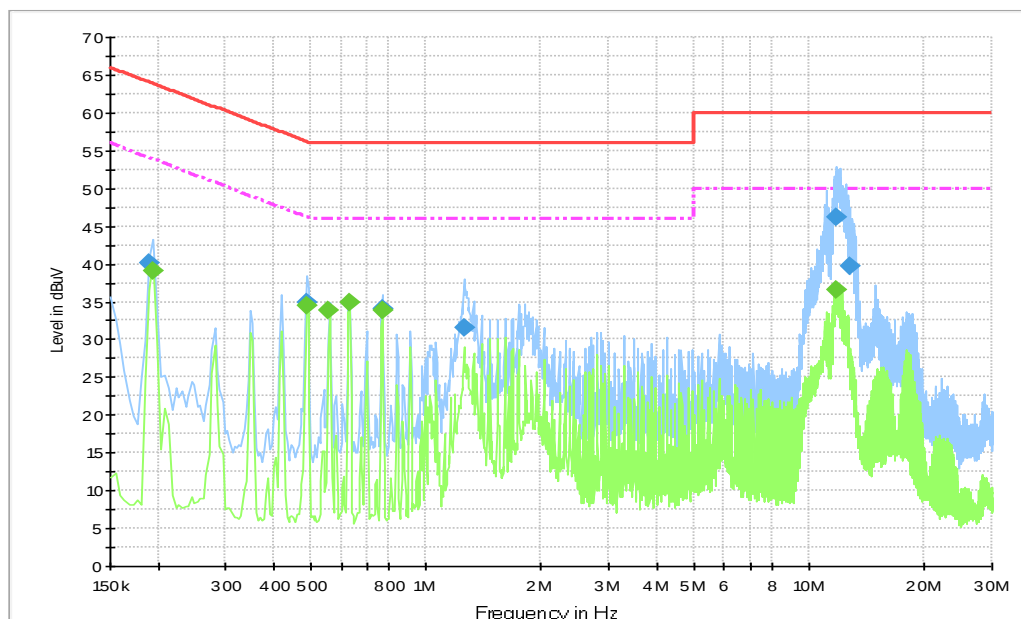
Figure A.17 Conducted Emission

Final Result 1

Frequency (MHz)	QuasiPeak (dBμV)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
0.231000	27.6	2000.0	9.000	L1	20.0	34.8	62.4
0.617500	39.8	2000.0	9.000	L1	20.0	16.2	56.0
0.752500	39.0	2000.0	9.000	N	20.1	17.0	56.0
1.175500	33.9	2000.0	9.000	L1	19.9	22.1	56.0
1.985500	31.5	2000.0	9.000	L1	19.8	24.5	56.0
2.399500	31.2	2000.0	9.000	L1	19.8	24.8	56.0

Final Result 2

Frequency (MHz)	Average (dBμV)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
0.199000	29.0	2000.0	9.000	N	20.0	24.6	53.7
0.596000	26.6	2000.0	9.000	L1	20.0	19.4	46.0
0.617500	28.2	2000.0	9.000	N	20.1	17.8	46.0
0.730000	25.4	2000.0	9.000	N	20.1	20.6	46.0
0.734500	25.8	2000.0	9.000	L1	20.0	20.2	46.0
0.752500	25.4	2000.0	9.000	N	20.1	20.6	46.0



Note: The graphic result above is the maximum of the measurements for both phase line and neutral line.

Figure A.18 Conducted Emission

Final Result 1

Frequency (MHz)	QuasiPeak (dBμV)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
0.190500	40.1	2000.0	9.000	N	20.0	23.9	64.0
0.491500	34.9	2000.0	9.000	L1	20.1	21.3	56.1
0.770500	34.2	2000.0	9.000	N	20.1	21.8	56.0
1.265500	31.5	2000.0	9.000	L1	19.9	24.5	56.0
11.795500	46.2	2000.0	9.000	N	20.2	13.8	60.0
12.740500	39.7	2000.0	9.000	L1	20.0	20.3	60.0

Final Result 2

Frequency (MHz)	Average (dBμV)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
0.195000	39.0	2000.0	9.000	L1	20.0	14.8	53.8
0.491500	34.5	2000.0	9.000	N	20.2	11.6	46.1
0.559000	33.9	2000.0	9.000	L1	20.0	12.1	46.0
0.631000	34.8	2000.0	9.000	N	20.1	11.2	46.0
0.770500	33.9	2000.0	9.000	N	20.1	12.1	46.0
11.746000	36.6	2000.0	9.000	N	20.2	13.4	50.0



ANNEX C: Persons involved in this testing

Test Item	Tester
Radiated Emission	Li Zongliang
Conducted Emission	Guo Qian

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