

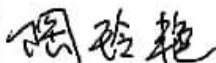
Industrial Internet Innovation Center (Shanghai) Co.,Ltd.

FCC/IC BLE TEST REPORT

PRODUCT	Smart POS system
BRAND	SUNMI
MODEL	T6900
APPLICANT	Shanghai Sunmi Technology Co.,Ltd.
FCC ID	2AH25T6900P2
IC ID	22621-T6900P2
ISSUE DATE	January 11, 2023
STANDARD(S)	FCC Part15, RSS-247 Issue 2, RSS-Gen Issue 5

Prepared by: Tao Lingyan

Signature



Reviewed by: Yang Fan

Signature



Approved by: Zhang Min

Signature

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1. Summary of Test Report

1.1 Test Standard(s)

No.	Test Standard(s)	Title	Version
1	FCC Part15	FCC CFR 47, Part 15, Subpart C: 15.205 Restricted bands of operation; 15.209 Radiated emission limits, general requirements; 15.247 Operation within the bands 902-928MHz, 2400-2483.5MHz, and 5725-5850MHz.	2020
4	RSS-247 Issue 2	Digital Transmission Systems (DTSs), Frequency Hopping Systems (FHSs) and Licence-Exempt Local Area Network (LE-LAN) Devices	2017
5	RSS-Gen Issue 5	General Requirements for Compliance of Radio Apparatus	2021

1.2 Reference Document(s)

No.	Reference	Title	Version
1	ANSI C63.10	American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices	2013
2	KDB 558074	Guidance for Performing Compliance Measurements on Frequency Hopping Spread Spectrum systems (DSS) Operating Under §15.247	2019

1.3 Summary of Test Results

Measurement Items	Sub-clause of Part15C	Sub-clause of IC	Verdict
Maximum Peak Output Power	15.247(b)	RSS-247 5.4	Pass
Peak Power Spectral Density	15.247(e)	RSS-247 5.2	Pass
6dB Occupied Bandwidth	15.247(a)	RSS-247 5.2	Pass
99% Occupied Bandwidth	15.247(a)	RSS-Gen 6.7	Pass
Band Edges Compliance	15.247(d)	RSS-247 5.5	Pass
Transmitter Spurious Emission-Conducted	15.247(d)	RSS-247 5.5	Pass
Transmitter Spurious Emission-Radiated	15.247/15.205/15.20 9	RSS-Gen 8.9,8.10	Pass
AC Powerline Conducted Emission	15.207	RSS-Gen 8.8	N/A

Note:

The T6900, manufactured by Shanghai Sunmi Technology Co.,Ltd. is a new product for testing.

The following configurations were tested for radiation spurious emission:

T6900			
Main Supply:Configuration1(fingerprint & scanner&standard)			
Name	Model	Manufacturer	Spec
PCB	STM-5	SHENZHEN SUNTAK MULTILAYER PCB CO LTD	V-0 130°C

LCD	HS55ET10P63B	Huashi Opto-Electronic Co., Ltd.	720X (RGB)(H) X 1440(V) dots TFT Type 3.25mm thickness
Rear camera	HNO0458	Holitech science Technology Co., Ltd.	Sensor:Hi556 1/5" Lens:DULE DL5280 VCM:RuiePF8526-44 F.NO:2.2 FOV:>77° Connection method: BTB
Battery	P2	Guangdong Fenghua New Energy Co.,Ltd.	2480mAh/7.6V
Printer	ATP2XEP6RTWEN A	Xiamen Pinnacle Electrical Co.,Ltd	Thermal dot printing print 4.0-9.5V, 384dot, Dimension 67.3*18.25*30.0mm
Button cell	CR2032	Yichang Power Glory Technology Co.,Ltd.	Nominal Discharge current 0.2mA Nominal Voltage 3V Nominal Capacity 245(mAh)
Adapter	TPA-23A050200UU01	SHENZHEN TIANYIN ELECTRONICS CO.,LTD.	5V 2A
Secondary Supply:Configuration2(fingerprint & standard)			
Name	Model	Manufacturer	Spec
PCB	HF01	JIANGXI ZHIBOXIN TECHNOLOGY CO LTD	V-0 130℃
LCD	JL-P055H030-05	SICHUAN JINGLONG PHOTOELECTRIC SCIENCE AND TECHNOLOGY CO.,LTD	720X (RGB)(H) X 1440(V) dots TFT Type 3.25mm thickness
Rear camera	VM25C27	Shenzhen Chengxiangtong technology Co.,Ltd.	Sensor: GC05A2 1/5" Lens: Horui TR0517B VCM: Hozel VA26F502 F.NO:2.2 FOV:>77° Connection method: BTB
Battery	P2	DongGuan Veken Battery Co.,Ltd.	2480mAh/7.6V
Printer	LTP02-245-G2	Seiko Instruments Inc.	Thermal line dot printing print 5.5-9.5V, 384dot, Dimension 67.3*18.1*30.0mm
Button cell	CR2032	SHANGHAI LONGYOUNG CORPORATION.	Nominal Discharge current 0.2mA Nominal Voltage 3V Nominal Capacity 220(mAh)
Adapter	UC13US	Jiangsu Chenyang Electron Co.,Ltd.	5V2A
Third Supply:Configuration3(Based on configuration 1) (fingerprint & standard)			
Name	Model	Manufacturer	Spec
PCB			

LCD			
Rear camera			
Battery	P2 Max	Guangdong Fenghua New Energy Co.,Ltd.	3000mAh/7.6V
Printer			
Button cell			
Adapter			

Note:

Hardware Version Id Number (HVIN):

- 1)T6900P2 - 1:Configuration1-fingerprint
- 2)T6900P2 - 2:Configuration1-scanner
- 3)T6900P2 - 3:Configuration1-standard
- 4)T6900P2 - 4:Configuration2-fingerprint
- 5)T6900P2 - 5:Configuration2-standard

Industrial Internet Innovation Center (Shanghai) Co., Ltd. only performed test cases which identified with Pass/Fail/Inc result in section 1.3.

Industrial Internet Innovation Center (Shanghai) Co., Ltd. has verified that the compliance of the tested device specified in section 5.3 of this test report is successfully evaluated according to the procedure and test methods as defined in type certification requirement listed in section 6 of this test report.

a. All the test data for each data were verified, but only the worst case was reported.

1.4 Data Provided by Applicant

No.	Item(s)	Data
1	Antenna gain of EUT	2.9 dBi

Note: The data of 1.3 is provided by the customer may affect the validity of the test results in this report, and the impact and consequences of this shall be undertaken by the customer.

2. General Information of The Laboratory

2.1 Testing Laboratory

Lab Name	Industrial Internet Innovation Center (Shanghai) Co.,Ltd.
Address	Building 4, No. 766, Jingang Road, Pudong, Shanghai, China
Telephone	021-68866880
FCC Registration No.	958356
FCC Designation No.	CN1177
IC designation No.	CN0067

2.2 Laboratory Environmental Requirements

Temperature	15°C~35°C
Relative Humidity	25%RH~75%RH
Atmospheric Pressure	101kPa

2.3 Project Information

Project Manager	Gao Hongning
Test Date	October 09, 2022 to December 02, 2022

3. General Information of The Customer

3.1 Applicant

Company	Shanghai Sunmi Technology Co.,Ltd.
Address	Room 505, No.388 Song Hu Road, Yang Pu District, Shanghai, China
Telephone	+86-17302160204

3.2 Manufacturer

Company	Shanghai Sunmi Technology Co.,Ltd.
Address	Room 505, No.388 Song Hu Road, Yang Pu District, Shanghai, China

4. General Information of The Product

4.1 Product Description for Equipment under Test (EUT)

Product	Smart POS system
Model	T6900
Date of Receipt	S13aa/S03aa/ S06aa/ S08aa / S16aa: September 26,2022 S21aa : November 3,2022 S26aa: November 23, 2022
EUT ID*	S13aa/S03aa/S06aa/S08aa/S21aa/S26aa/S16aa
SN/IMEI	S13aa: 869325026801226 869325026801234 S03aa: 869325026812009 869325026812017 S06aa: 869325026810920 869325026810938 S08aa: 869325026801002 869325026801010 S26aa: 862318060015875 862318060015883 S16aa: 869325026800780 869325026800798
Supported Radio Technology and Bands	GSM850/GSM900/DCS1800/PCS1900 WCDMA Band I/II/IV/V/VIII LTE Band 1/2/3/4/5/7/17/28/38/41 WLAN 802.11 b/g/n WLAN 802.11 a/n BT4.2 BR/EDR, BLE NFC GPS
Hardware Version	B1691_MAIN_PCB
Software Version	SP6359A-20220922115332
FCC ID	2AH25T6900P2
IC	22621-T6900P2
NOTE: EUT ID is the internal identification code of the laboratory.	

4.2 Description for Auxiliary Equipment (AE)

AE ID*	Description	Model	SN/Remark
AE1	RF cable	N/A	N/A
NOTE: AE ID is the internal identification code of the laboratory.			

4.3 Additional Information

BLE Frequency	2402MHz-2480MHz
BLE Channel	CH0-39
BLE type of modulation	GFSK

5. Test Configuration Information

5.1 Laboratory Environmental Conditions

5.1.1 Permanent Facilities

Relative Humidity	Min. = 45 %, Max. = 55 %		
Atmospheric Pressure	101kPa		
Temperature	Normal	Minimum	Maximum
	25℃	0℃	45℃
Working Voltage of EUT	Normal	Minimum	Maximum
	7.6V	7.2V	8.7V

5.2 Test Equipments Utilized

5.2.1 Conducted Test System

No.	Name	Model	S/N	Manufacturer	Cal. Date	Cal. Interval
1	Programmable Power Supply	Keithley 2303	4039070	Starpoint	July 12, 2022	1 Year
2	Vector Signal Generator	SMBV100A	257904	R&S	February 21, 2022	1 Year
3	Temperature box	B-TF-107C	BTF107C-201804107	Boyi	June 30, 2022	1 Year
4	Spectrum Analyzer	FSQ40	200063	R&S	November 02, 2021	1 Year
					October 19, 2022	1 year
5	USB Wideband Power Sensor	U2021XA	MY56410009	Keysight	February 21, 2022	1 Year
6	Simultaneous Sampling DQA	U2531A	TW56183514	Agilent	March 02, 2022	1 Year
7	Vector Signal Generator	SMU200A	104684	R&S	May 10, 2021	1.5 Years

8	Wireless communication comprehensive tester	CMW270	100919	R&S	August 22, 2022	1 Year
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5.2.2 Radiated Emission Test System

No.	Name	Model	S/N	Manufacturer	Cal. Date	Cal. Interval
1	Universal Radio Communication Tester	CMU200	123123	R&S	October 17,2022	1Year
					May 10,2021	1.5Years
2	Universal Radio Communication Tester	CMW500	104178	R&S	October 17,2022	1Year
					May 10,2021	1.5Years
3	EMI Test Receiver	ESU40	100307	R&S	February 23, 2022	1 Year
4	TRILOG Broadband Antenna	VULB9163	VULB9163-515	Schwarzbeck	March 11, 2022	1 Year
5	Double- ridged Waveguide Antenna	ETS-3117	00135890	ETS	March 9, 2022	2 Years
6	2-Line V-Network	ENV216	101380	R&S	February 21, 2022	1 Year
7	EMI Test Software	EMC32 V9.15.00	N/A	R&S	N/A	N/A

5.3 Measurement Uncertainty

Item(s)	Range	Confidence Level	Calculated Uncertainty
Peak Output Power-Conducted	2402MHz-2480MHz	95%	0.544dB
Peak Power Spectral Density	2402MHz-2480MHz	95%	0.544dB
6dB Bandwidth	2402MHz-2480MHz	95%	62.04Hz
Frequency Band Edges-Conducted	2390MHz-2488.5MHz	95%	0.544dB
Conducted Emission	9KHz-30MHz	95%	0.89dB
Conducted Emission	30MHz-2GHz	95%	0.90dB
Conducted Emission	2GHz-3.6GHz	95%	0.88dB

Item(s)	Range	Confidence Level	Calculated Uncertainty
Conducted Emission	3.6GHz-8GHz	95%	0.96dB
Conducted Emission	8GHz-20GHz	95%	0.94dB
Conducted Emission	20GHz-22GHz	95%	0.88dB
Conducted Emission	22GHz-26GHz	95%	0.86dB
Transmitter Spurious Emission-Radiated	9KHz-30MHz	95%	5.66dB
Transmitter Spurious Emission-Radiated	30MHz-1000MHz	95%	4.98dB
Transmitter Spurious Emission-Radiated	1000MHz -18000MHz	95%	5.06dB
Transmitter Spurious Emission-Radiated	18000MHz -40000MHz	95%	5.20dB
AC Power line Conducted Emission	0.15MHz-30MHz	95%	3.66 dB

6. Test Results

6.1 Peak Output Power-Conducted

6.1.1 Measurement Limit

Standard	Limit (dBm)	Limit EIRP(dBm)
FCC 47 Part 15.247(b)(3)	<30	<36
RSS-247 5.4(d)	<30	<36

6.1.2 Test Condition

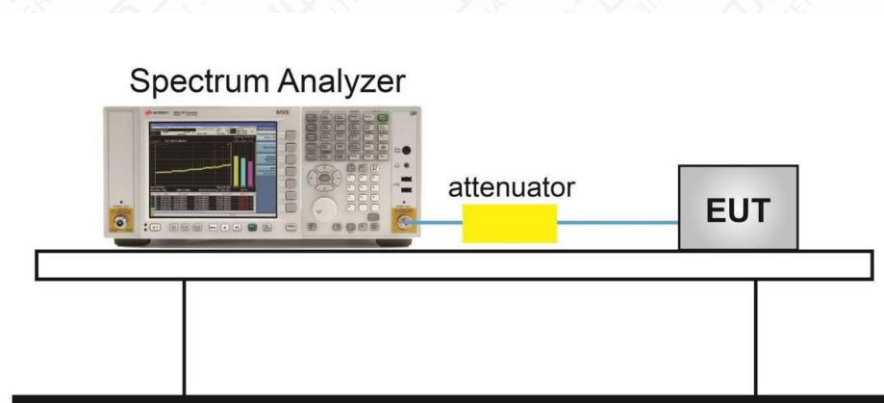
DTS procedure	RBW	VBW	Span	Sweptime
BT-LE	3MHz	10MHz	10MHz	Auto

6.1.3 Test Procedure

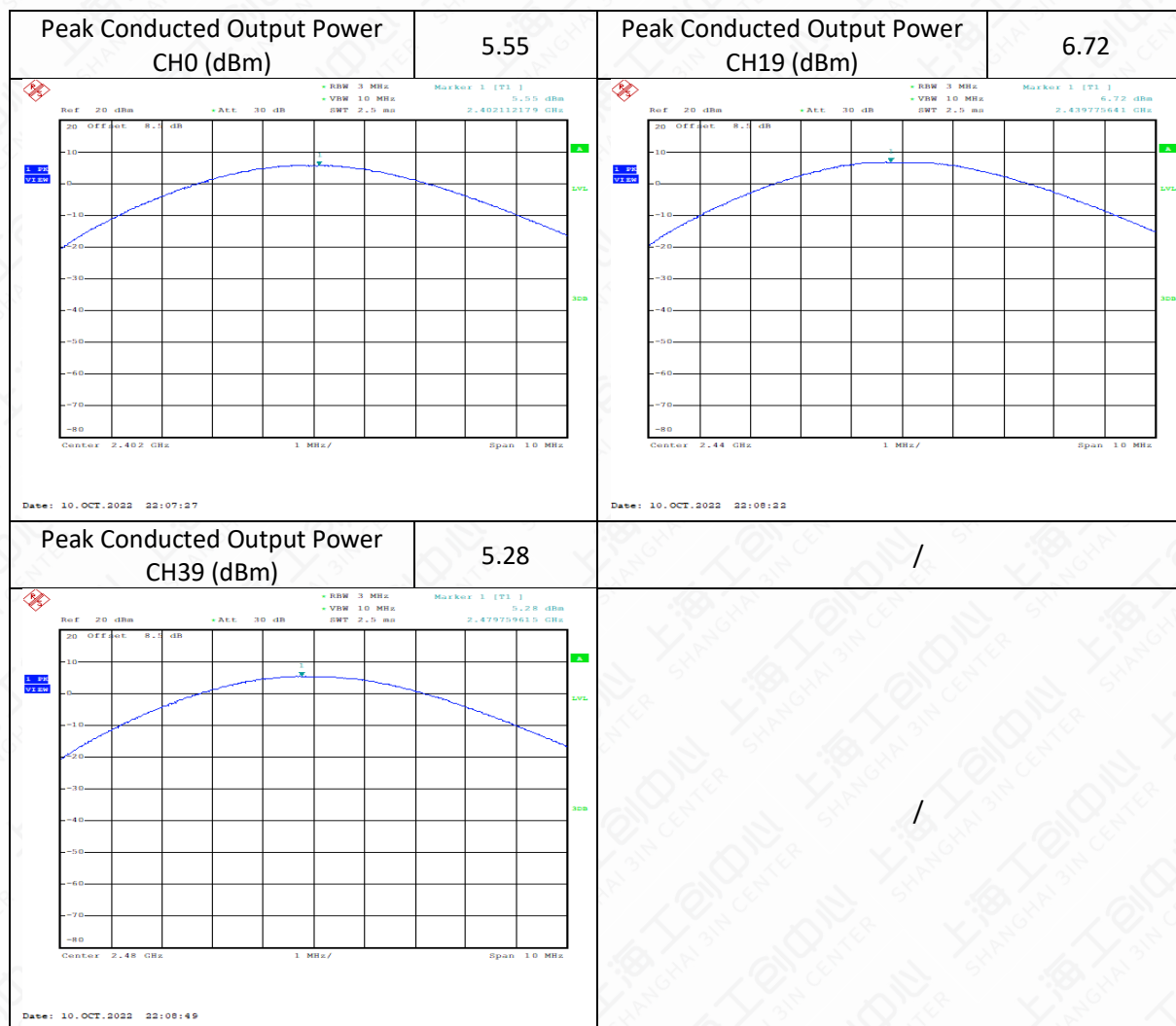
The measurement is according to ANSI C63.10 clause 11.9.1

1. Set the RBW $\geq$ DTS bandwidth.
2. Set VBW $\geq [3 \times \text{RBW}]$.
3. Set span $\geq [3 \times \text{RBW}]$.
4. Sweep time = auto couple.
5. Detector = peak.
6. Trace mode = max hold.
7. Allow trace to fully stabilize.
8. Use peak marker function to determine the peak amplitude level.

6.1.4 Test setup



Measurement Results



Modulation type	Channel	EIRP
GFSK DH5	Ch 0	8.45
	Ch 19	9.62
	Ch 39	8.18

Note: Test of default power settings for EUT devices.

Using the MTK platform software set by default by the customer.

6.2 99% Occupied Bandwidth

6.2.1 Measurement Limit

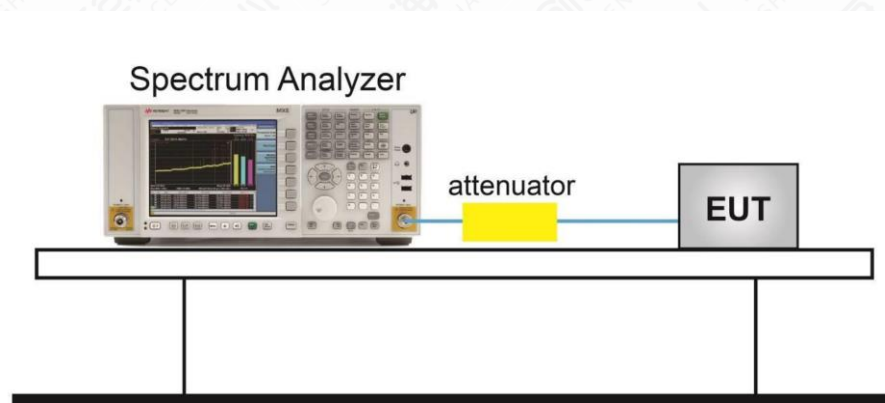
Standard	Limit
15.247(a)	N/A
RSS-Gen 6.7	N/A

6.2.2 Test procedures

The measurement is according to ANSI C63.10 clause 6.9.3.

1. The output power of EUT was connected to the spectrum analyzer. The path loss was compensated to the results for each measurement.
2. Enable EUT transmitter maximum power continuously.
3. Set RBW shall be in the range of 1% to 5% of the OBW.
4. Set the VBW $\geq [3 \times \text{RBW}]$.
5. Detector = peak.
6. Trace mode = max hold.
7. Sweep = auto couple.
8. Allow the trace to stabilize.
9. The occupied bandwidth is the frequency bandwidth such that, below its lower and above its upper frequency limits, the mean powers are each equal to 0.5% of the total mean power of the given emission.

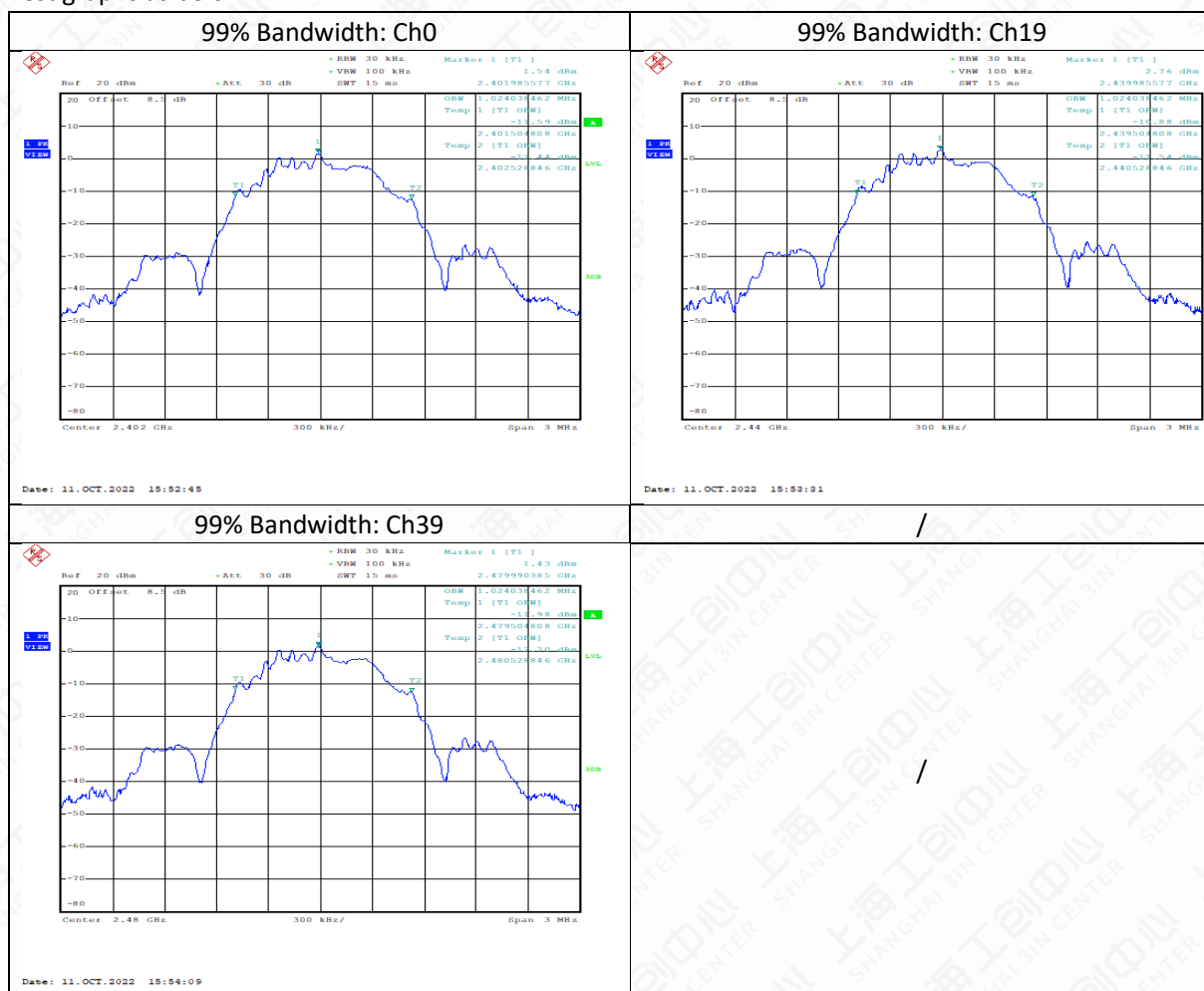
6.2.3 Test setup



Measurement Result

Modulation type	Channel	99% Bandwidth (MHz)
GFSK DH5	Ch 0	1.024
	Ch 19	1.024
	Ch 39	1.024

Test graphs as below



6.3 Peak Power Spectral Density

6.3.1 Measurement Limit

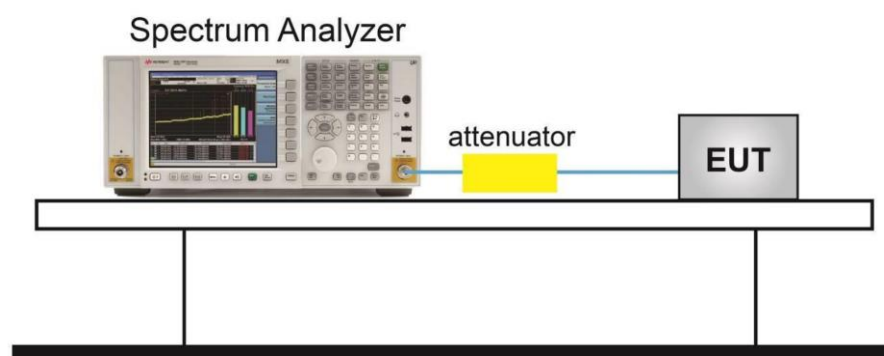
Standard	Limit
FCC 47 Part 15.247(e)	$\leq 8\text{dBm}/3\text{ kHz}$
RSS-247 5.2(b)	$\leq 8\text{dBm}/3\text{ kHz}$

6.3.2 Test procedures

The measurement is according to ANSI C63.10 clause 11.10.

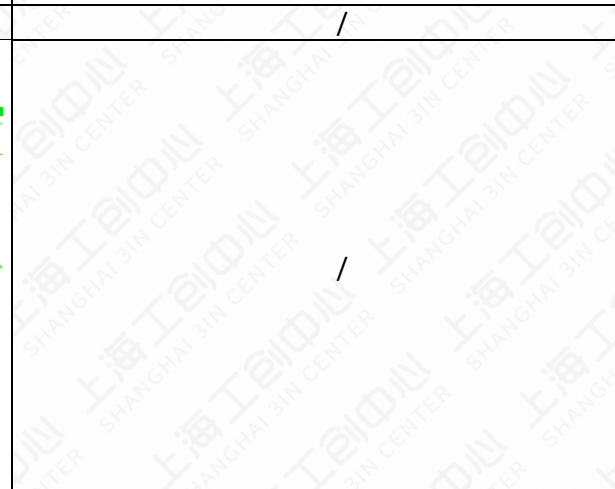
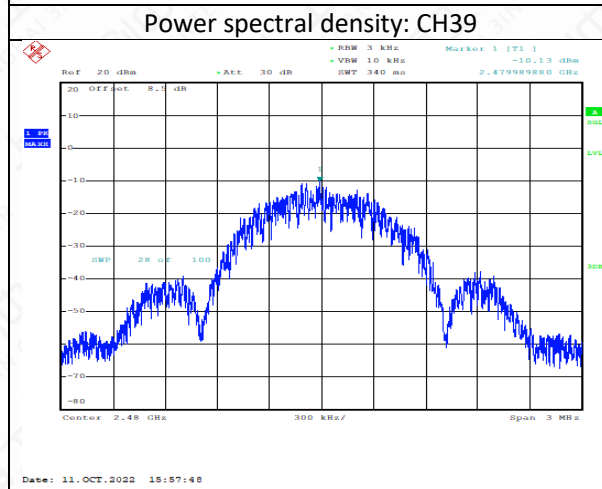
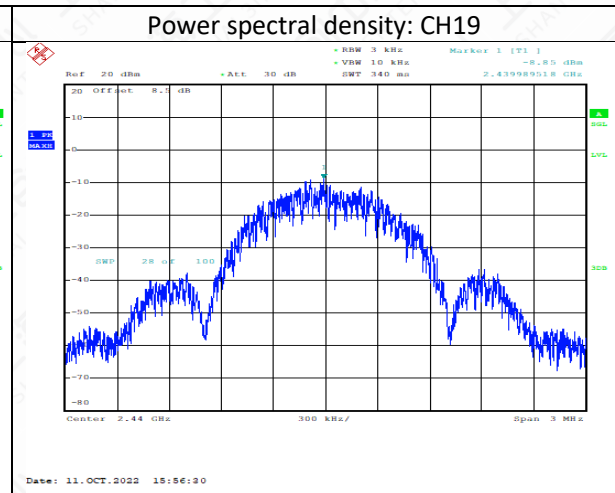
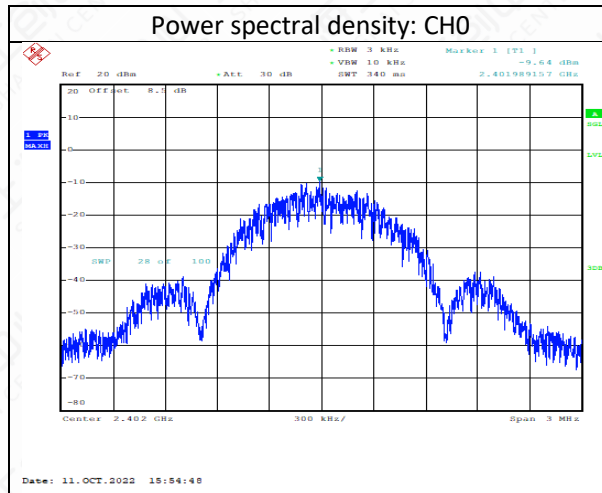
1. The output power of EUT was connected to the spectrum analyzer. The path loss was compensated to the results for each measurement.
2. Enable EUT transmitter maximum power continuously.
3. Set analyzer center frequency to DTS channel center frequency.
4. Set the span to 1.5 times the DTS bandwidth.
5. Set the RBW to $3\text{ kHz} \leq \text{RBW} \leq 100\text{ kHz}$.
6. Set the VBW $\geq [3 \times \text{RBW}]$.
7. Detector = peak.
8. Sweep time = auto couple.
9. Trace mode = max hold.
10. Allow trace to fully stabilize.
11. Use the peak marker function to determine the maximum amplitude level within the RBW.
12. If measured value exceeds requirement, then reduce RBW (but no less than 3 kHz) and repeat.

6.3.3 Test Setup



Measurement Results

Modulation type	Channel	PSD (dBm/3kHz)
GFSK DH5	Ch 0	-9.641
	Ch 19	-8.851
	Ch 39	-10.134



6.4 6dB Bandwidth

6.4.1 Measurement Limit

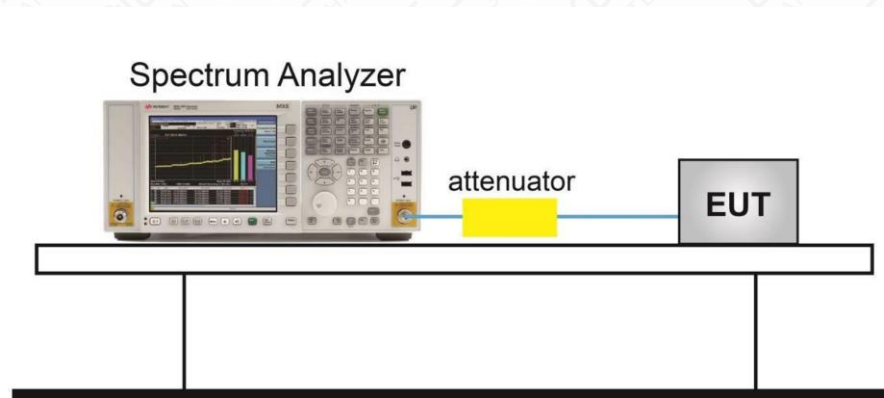
Standard	Limit
FCC 47 Part 15.247 (a) (2)	$\geq 500\text{kHz}$
RSS-247 5.2(a)	$\geq 500\text{kHz}$

6.4.2 Test procedures

The measurement is according to ANSI C63.10 clause 11.8.

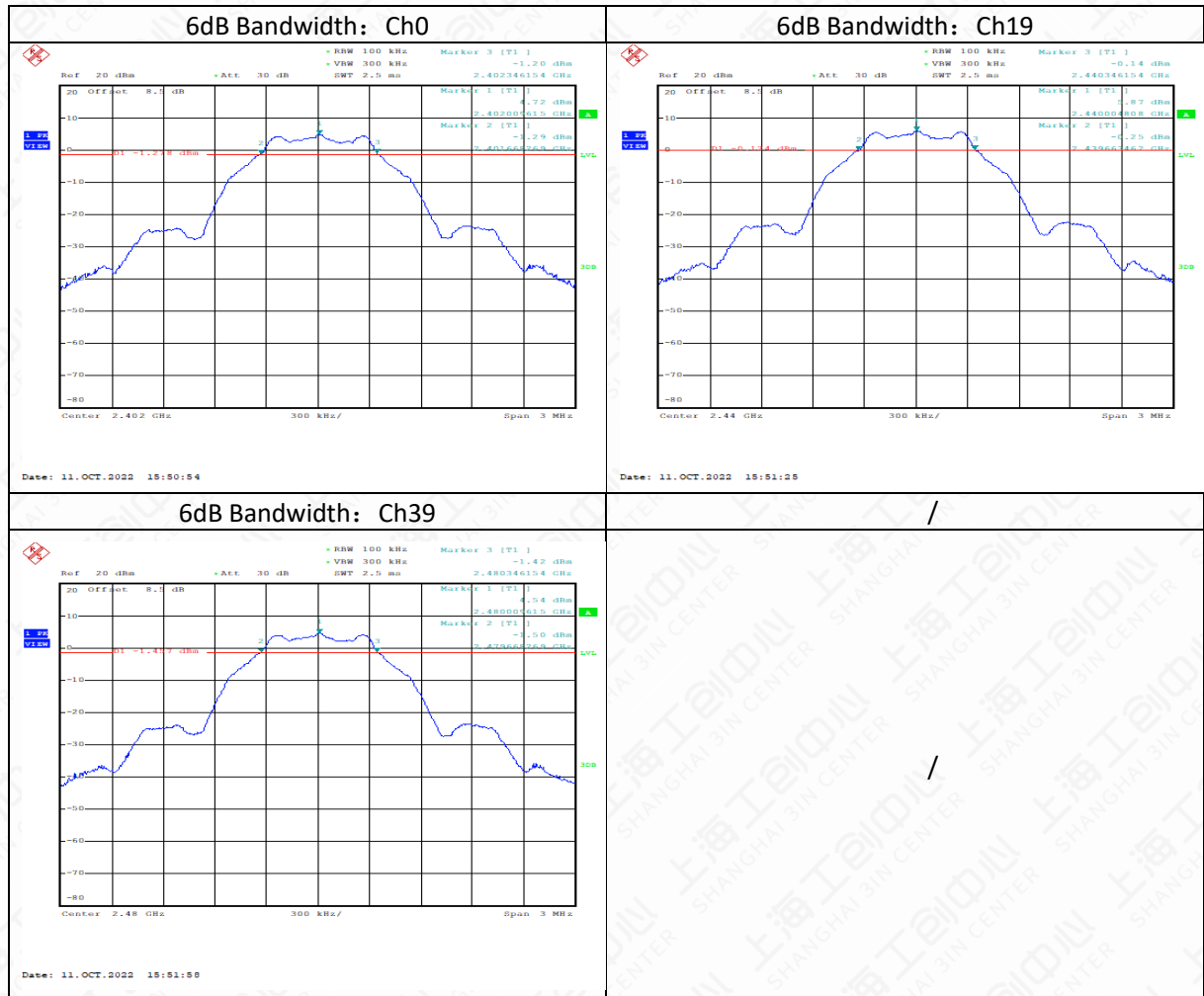
1. The output power of EUT was connected to the spectrum analyzer. The path loss was compensated to the results for each measurement.
2. Enable EUT transmitter maximum power continuously.
3. Set RBW = 100 kHz.
4. Set the VBW $\geq [3 \times \text{RBW}]$.
5. Detector = peak.
6. Trace mode = max hold.
7. Sweep = auto couple.
8. Allow the trace to stabilize.
9. Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

6.4.3 Test Setup



Measurement Result

Modulation type	Channel	6dB Bandwidth (Khz)
GFSK DH5	Ch 0	678
	Ch 19	683
	Ch 39	678



6.5 Frequency Band Edges-Conducted

6.5.1 Measurement Limit

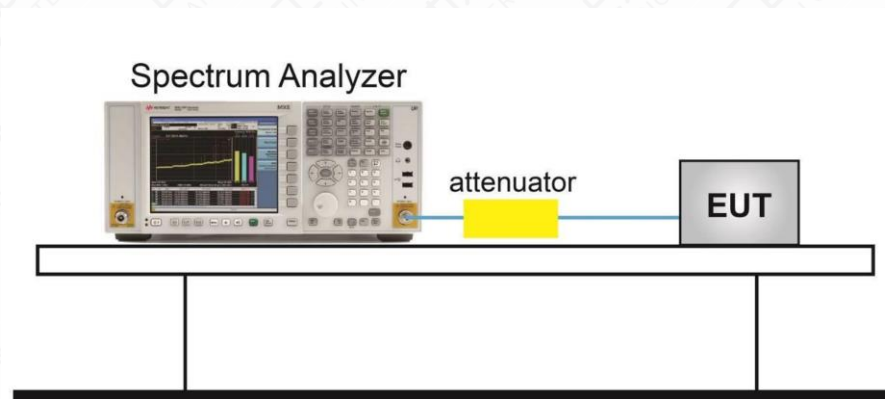
Standard	Limit(dBc)
FCC 47 Part 15.247(d)	>20
RSS-247 5.5	>20

6.5.2 Test procedures

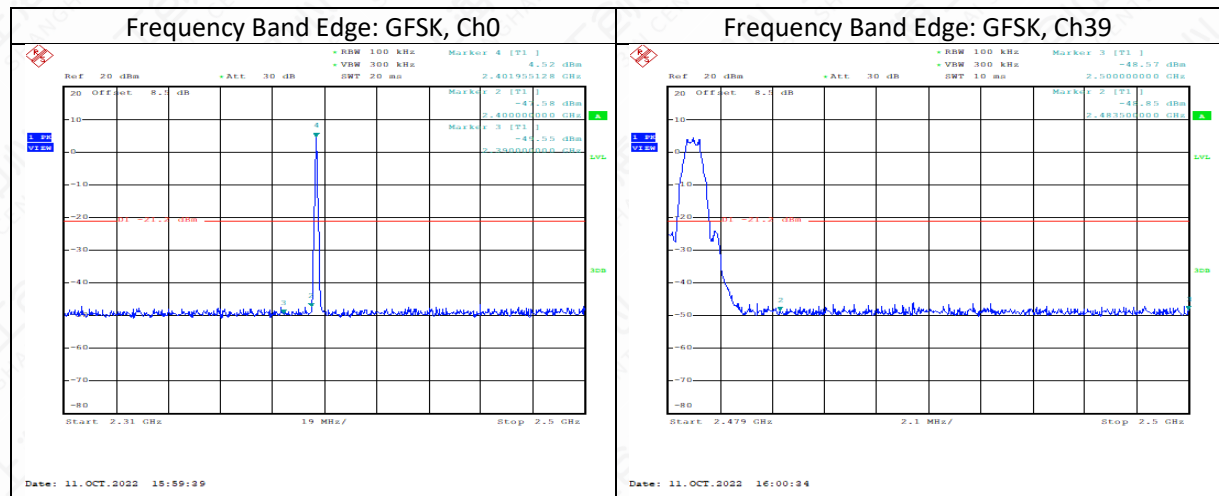
The measurement is according to ANSI C63.10 clause 11.13.2

1. Span: Wide enough to capture the peak level of the emission operating on the channel closest to the band edge, as well as any modulation products that fall outside of the authorized band of operation.
2. Reference level: As required to keep the signal from exceeding the maximum instrument input mixer level for linear operation. In general, the peak of the spectral envelope shall be more than $[10 \log (OBW/RBW)]$ below the reference level. Specific guidance is given in 4.1.5.2.
3. Attenuation: Auto (at least 10 dB preferred).
4. Sweep time: Coupled.
5. Resolution bandwidth: 100 kHz.6) Video bandwidth: 300 kHz.7) Detector: Peak.8) Trace: Max hold.

6.5.3 Test Setup



Measurement Result



6.6 Conducted Emission

6.6.1 Measurement Limit

Standard	Limit(dBc)
FCC 47 Part 15.247(d)	20dB below peak output power in 100KHz bandwidth
RSS-247 5.5	20dB below peak output power in 100KHz bandwidth

6.6.2 Test procedures

This measurement is according to ANSI C63.10 clause 11.11.

1. The output power of EUT was connected to the spectrum analyzer. The path loss was compensated to the results for each measurement.

2. Enable EUT transmitter maximum power continuously.

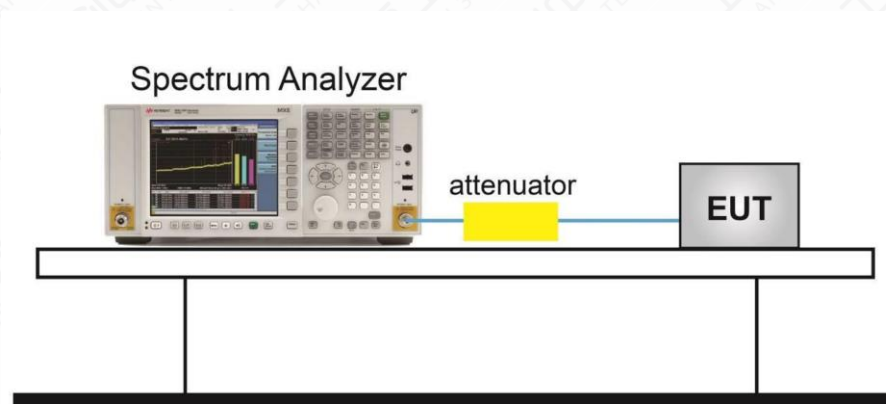
Reference level measurement

3. Set instrument center frequency to DTS channel center frequency.
4. Set the span to ≥ 1.5 times the DTS bandwidth.
5. Set the RBW = 100 kHz.
6. Set the VBW $\geq [3 \times \text{RBW}]$.
7. Detector = peak.
8. Sweep time = auto couple.
9. Trace mode = max hold.
10. Allow trace to fully stabilize.
11. Use the peak marker function to determine the maximum PSD level.

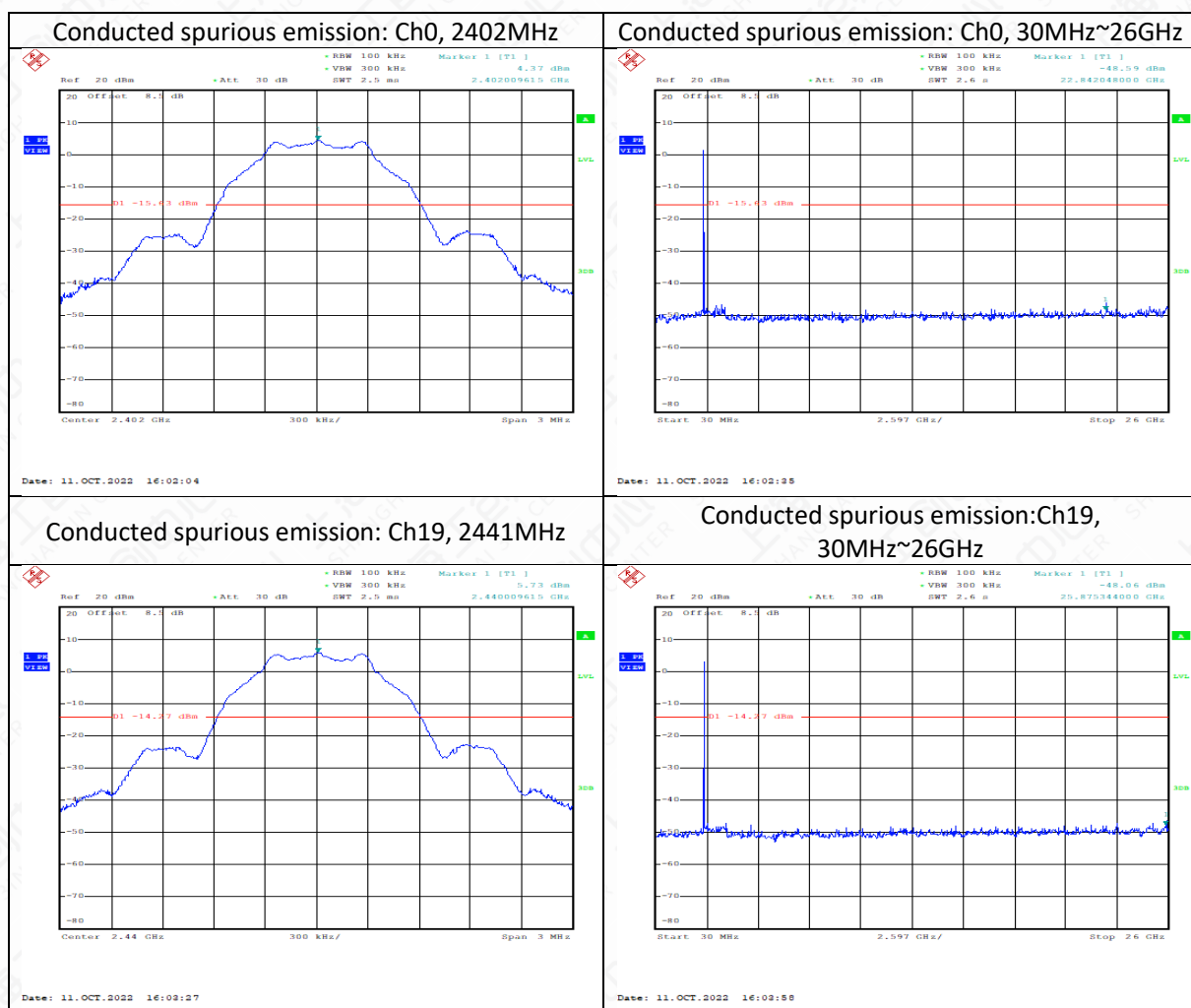
Emission level measurement

1. Set the center frequency and span to encompass frequency range to be measured.
2. Set the RBW = 100 kHz.
3. Set the VBW $\geq [3 \times \text{RBW}]$.
4. Detector = peak.
5. Sweep time = auto couple.
6. Trace mode = max hold.
7. Allow trace to fully stabilize.
8. Use the peak marker function to determine the maximum amplitude level.

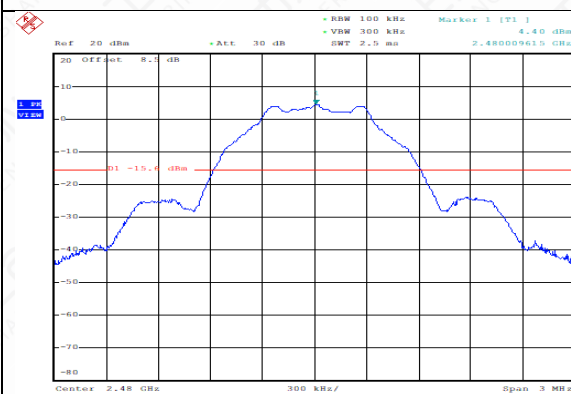
6.6.3 Test Setup



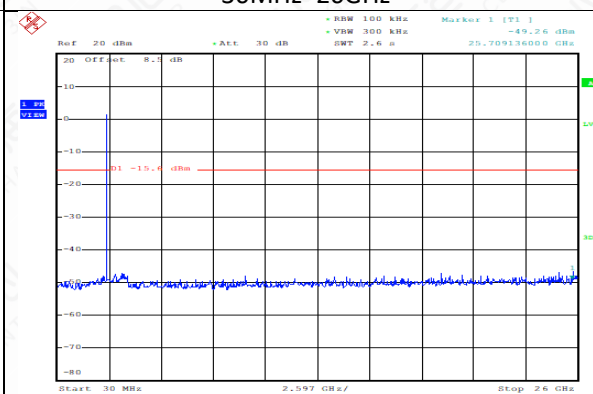
Measurement Result



Conducted spurious emission: Ch39, 2480MHz



Conducted spurious emission: Ch39, 30MHz~26GHz



6.7 Radiated Emission

6.7.1 Measurement Limit

Standard	Limit(dBc)
FCC 47 Part 15.247(d),15.205(a),15.209(a)	20dB below peak output power
RSS-Gen 8.9,8.10	20dB below peak output power

In addition, radiated emissions which fall in the restricted bands, as defined in 15.205(a), must also comply with the radiated emission limits specified in 15.209(a) (see 15.205(c)).

Limit in restricted band

Frequency of emission (MHz)	Field strength (uV/m)	Field strength (dBuV/m)
0.009~0.49	2400/F (kHz)	129-94
0.49~1.705	24000/F (kHz)	74-63
1.705~30	30	70
30~88	100	40
88~216	150	43.5
216~960	200	46
Above 960	500	54

6.7.2 Test Method

Portable, small, lightweight, or modular devices that may be handheld, worn on the body, or placed on a table during operation shall be positioned on a non-conducting platform, the top of which is 80 cm above the reference ground plane. The preferred area occupied by the EUT arrangement is 1 m by 1.5 m, but it may be larger or smaller to accommodate various sized EUTs. For testing purposes, ceiling- and wall-mounted devices also shall be positioned on a tabletop (see also ANSI C63.10-2013 section 6.3.4 and 6.3.5). In making any tests involving handheld, body-worn, or ceiling-mounted equipment, it is essential to recognize that the measured levels may be dependent on the orientation (attitude) of the three orthogonal axes of the EUT. Thus, exploratory tests as specified in 8.3.1 shall be carried out for various axes orientations to determine the attitude having maximum or near-maximum emission level.

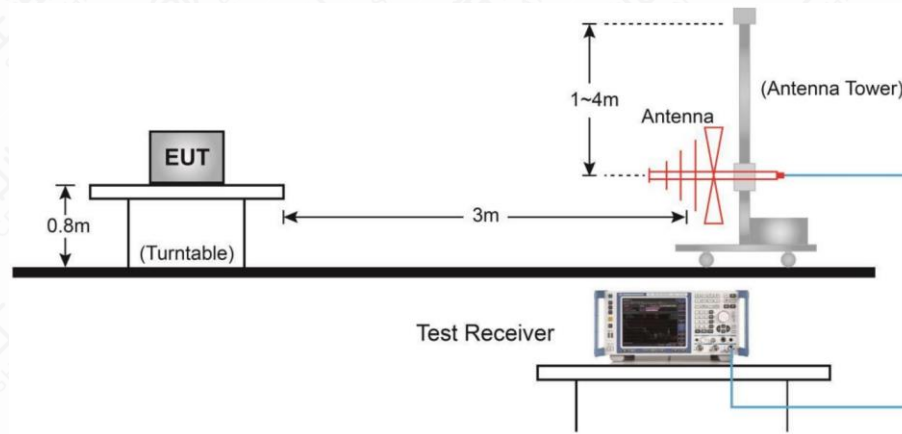
The EUT was placed on a non-conductive table. The measurement antenna was placed at a distance of 3 meters from the EUT. During the tests, the antenna height and the EUT azimuth were varied in order to identify the maximum level of emissions from the EUT. This maximization process was repeated with the EUT positioned in each of its three orthogonal orientations.

Frequency of emission (MHz)	RBW/VBW	Sweep Time (s)
0.009~30	9KHz/30KHz	Auto
30~1000	100KHz/300KHz	5
1000~4000	1MHz/3MHz	15
4000~18000	1MHz/3MHz	40

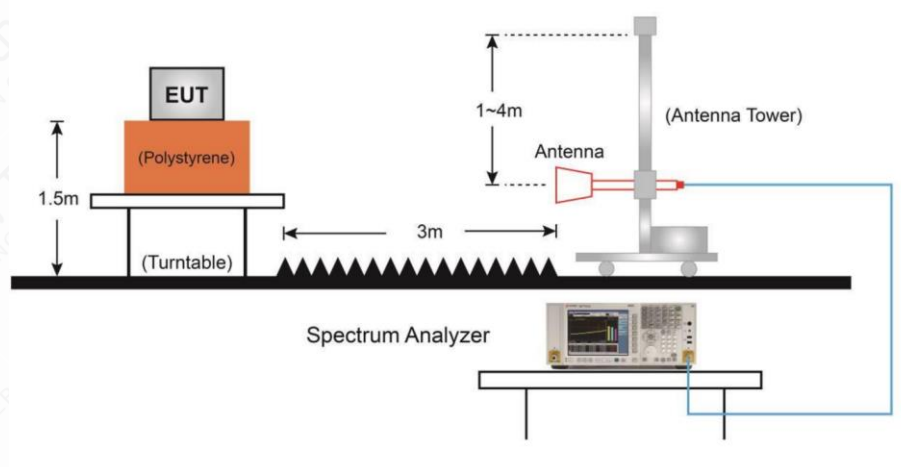
18000~26500	1MHz/3MHz	20
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6.7.3 Test Setup

Below 1GHz Test Setup



Above 1GHz Test Setup



Measurement Results:

A “reference path loss” is established and A_{Rpi} is the attenuation of “reference path loss”, and including the gain of receive antenna, the gain of the preamplifier, the cable loss.

The measurement results are obtained as described below:

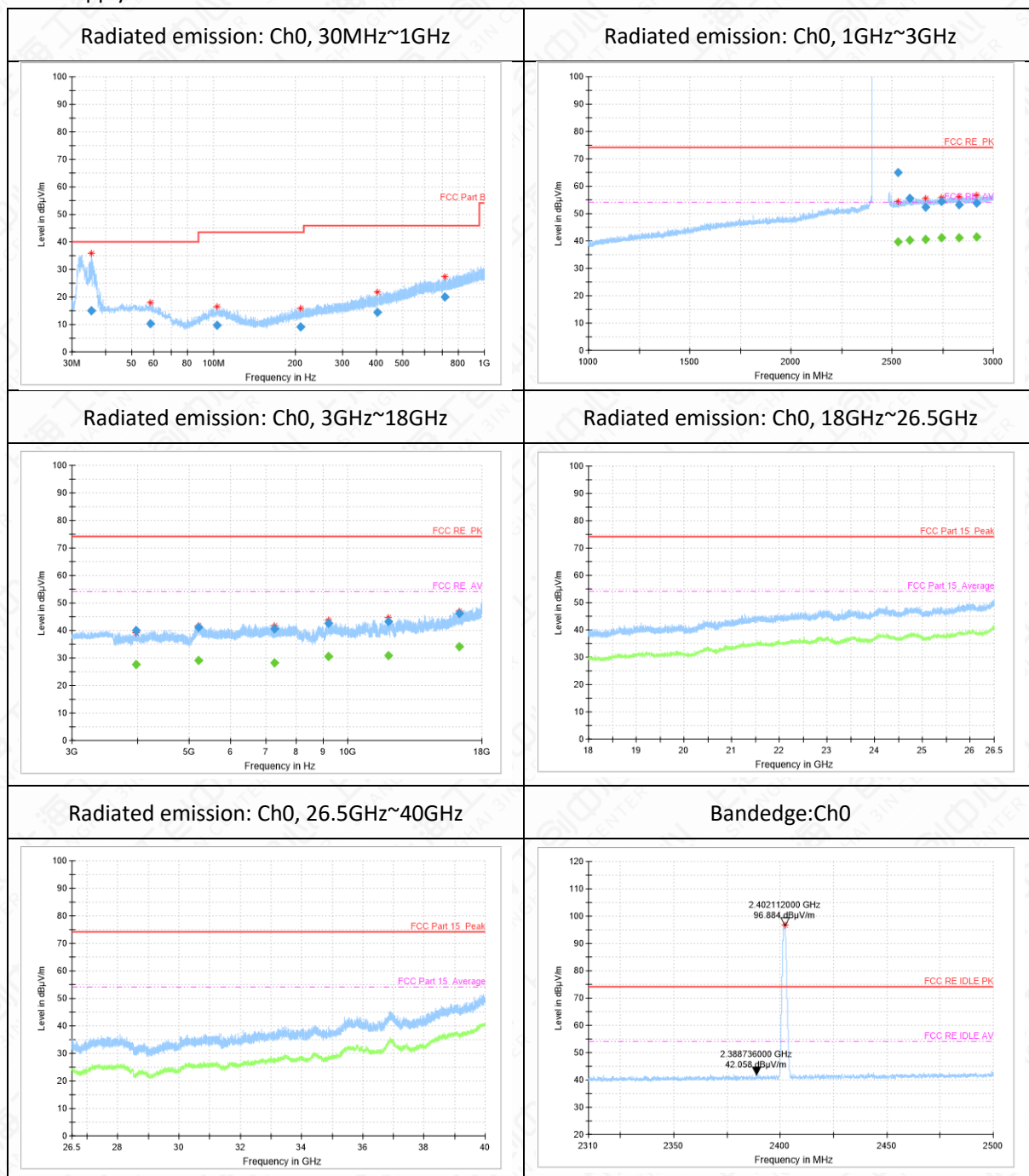
$$A_{Rpi} = \text{Cable loss} + \text{Antenna Factor} - \text{Preamplifier gain}$$

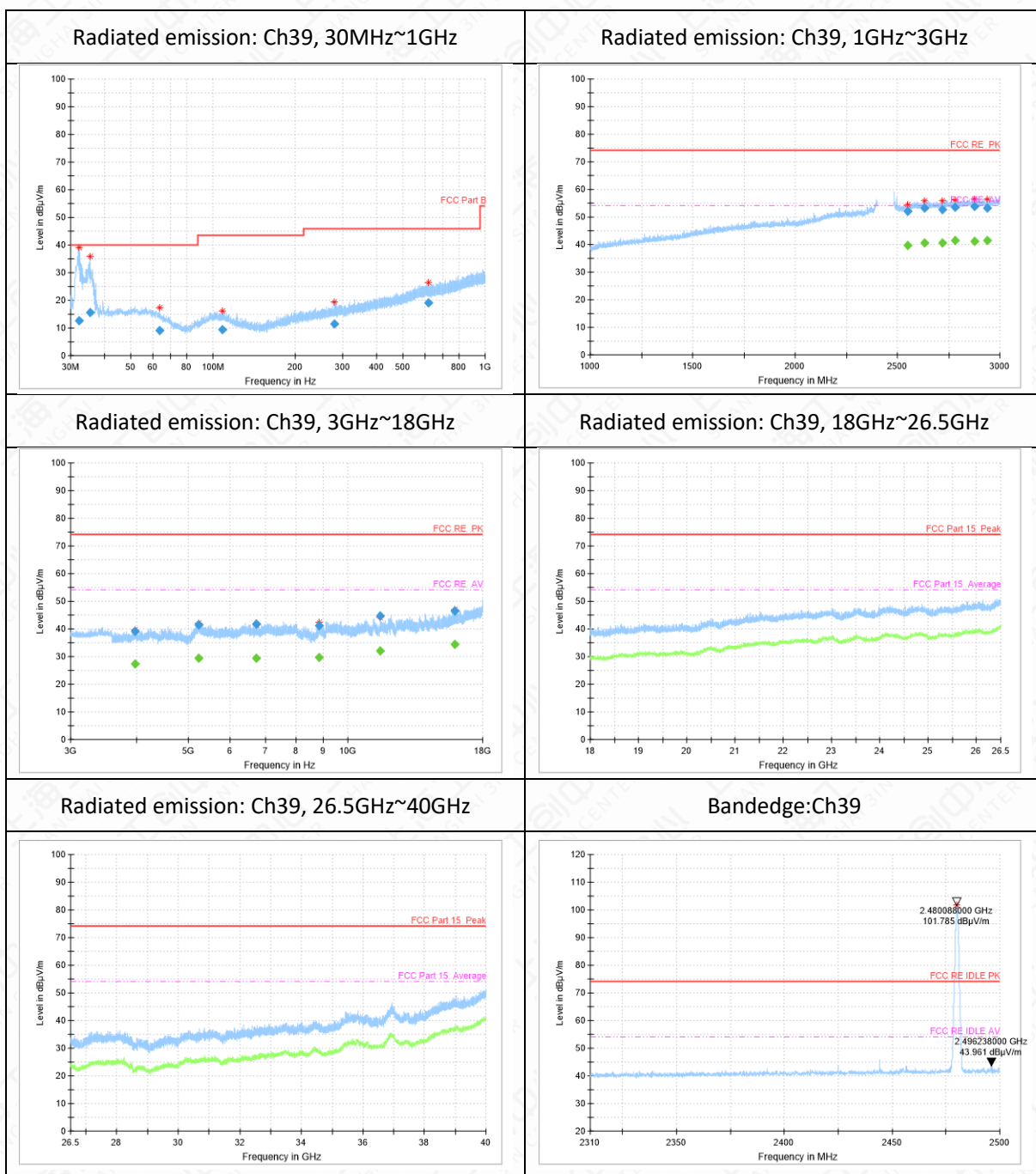
$$\text{Result} = P_{\text{Mea}} + A_{Rpi}$$

The test data below 30MHz is more than 20dB lower than the limit value, so it is not provided in the report.

Standard version

Main Supply





Note: The out-of-limit signal in the picture is the main frequency signal.

GFSK Ch0 30MHz-1GHz

Frequency (MHz)	Result (dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Polarity
35.4	15.05	-13.9	28.95	V
58.4	10.41	-12.2	22.61	V
103.0	9.61	-13.3	22.91	H
209.3	9.16	-13.3	22.46	H
403.1	14.55	-8.1	22.65	V
715.3	20	-2.6	22.6	H

GFSK Ch0 1GHz-3GHz

Frequency (MHz)	Result (dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Polarity
2527.6	65.07	14.6	50.47	V
2585.8	55.72	15.4	40.32	V
2666.9	52.5	15.9	36.6	H
2745.5	54.37	16.2	38.17	V
2829.0	53.35	16.6	36.75	V
2919.3	53.7	16.8	36.9	V

GFSK Ch0 1GHz-3GHz (Average)

Frequency (MHz)	Result (dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Polarity
2527.6	39.72	14.6	25.12	V
2585.8	40.27	15.4	24.87	V
2745.5	41.07	16.2	24.87	V

GFSK Ch0 3GHz-18GHz

Frequency (MHz)	Result (dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Polarity
3965.2	40.13	-5.6	45.73	V
5209.9	41.07	-1	42.07	H
7276.0	40.51	-2.2	42.71	V
9187.1	42.77	-0.3	43.07	H
3965.2	40.13	-5.6	45.73	V
5209.9	41.07	-1	42.07	H

GFSK Ch39 30MHz-1GHz

Frequency (MHz)	Result (dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Polarity
32.2	12.74	-14.3	27.04	V
35.3	15.61	-14	29.61	V
63.8	8.99	-13.6	22.59	V
108.5	9.37	-13.2	22.57	V
279.3	11.33	-10.9	22.23	H
620.0	19.06	-2.9	21.96	V

GFSK Ch39 1GHz-3GHz

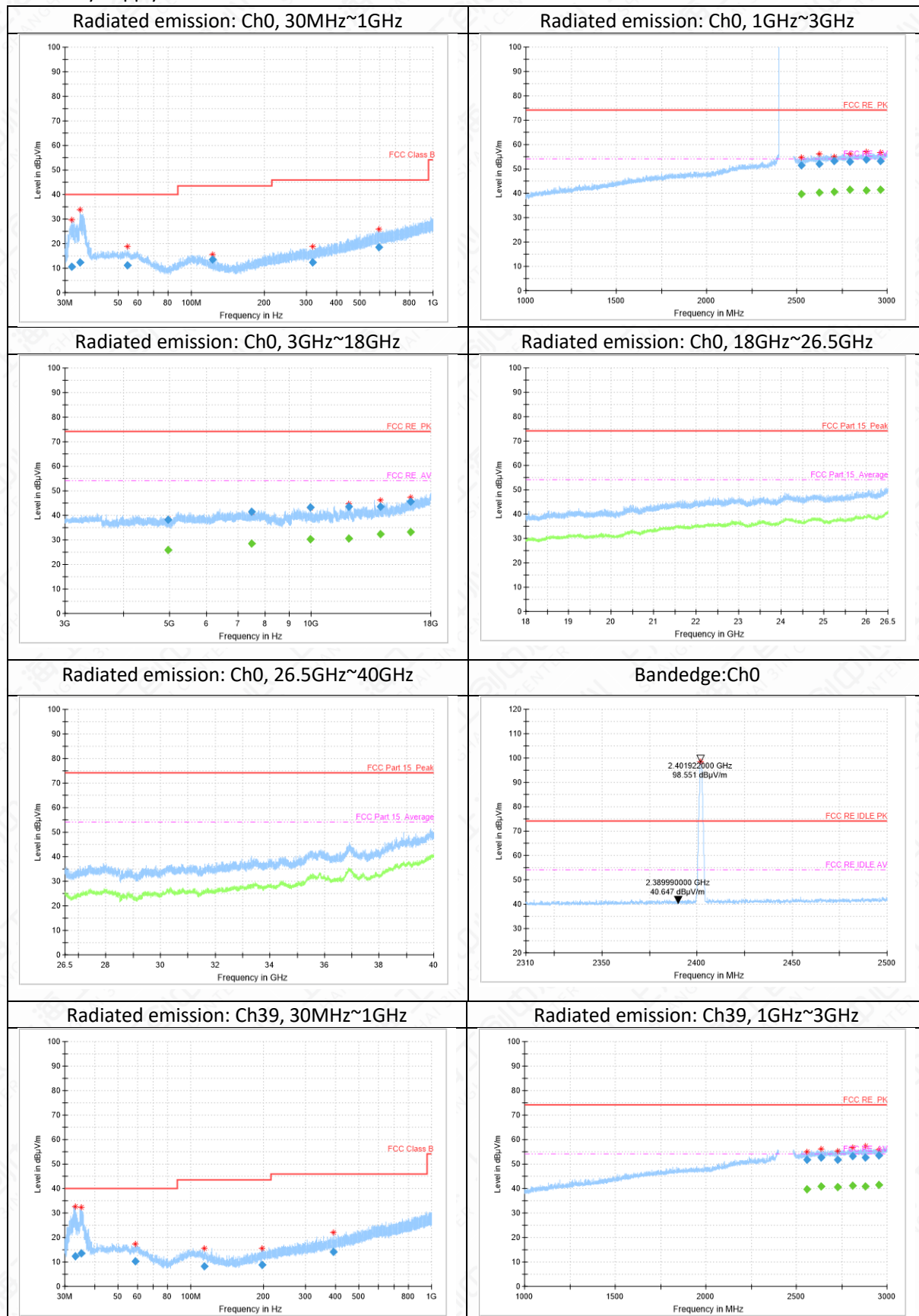
Frequency (MHz)	Result (dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Polarity
2548.3	52.09	15.1	36.99	V
2631.3	53.11	15.7	37.41	V
2718.7	52.59	16	36.59	H
2780.5	53.45	16.4	37.05	H
2876.2	53.69	16.7	36.99	V
2940.0	53.25	16.8	36.45	H

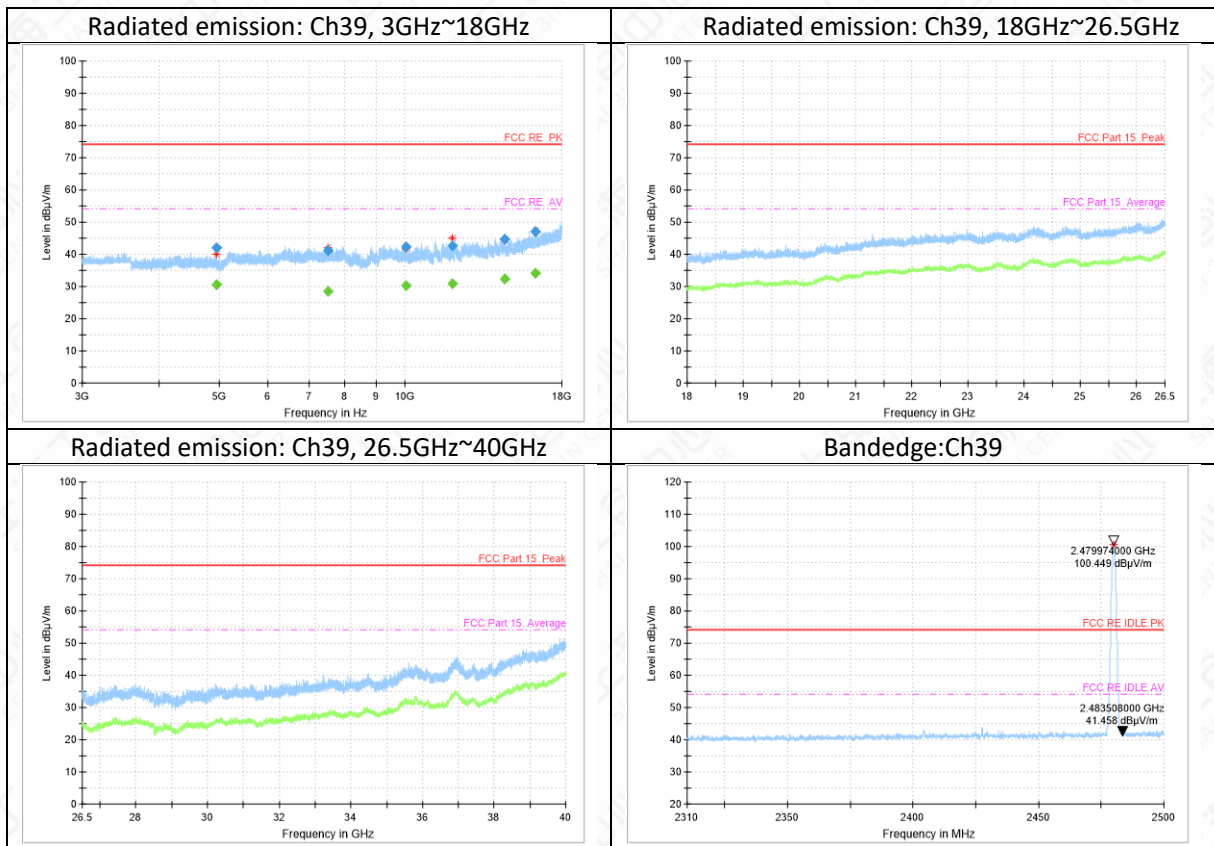
GFSK Ch39 3GHz-18GHz

Frequency (MHz)	Result (dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Polarity
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3964.4	39.23	-5.6	44.83	H
5241.9	41.54	-1.5	43.04	H
6721.0	41.7	-2.4	44.1	H
8829.3	41.17	-1.4	42.57	H
11538.9	44.66	2.3	42.36	H
15949.6	46.4	7.7	38.7	H

Secondary Supply





Note: The out-of- limit signal in the picture is the main frequency signal.

GFSK Ch0 30MHz-1GHz

Frequency (MHz)	Result (dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Polarity
32.1	10.54	-14.4	24.94	V
34.7	12.26	-14.2	26.46	V
54.3	11.23	-12.1	23.33	H
122.7	13.42	-15.7	29.12	V
318.5	12.26	-10.3	22.56	V
594.8	18.49	-3.8	22.29	H

GFSK Ch0 1GHz-3GHz

Frequency (MHz)	Result (dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Polarity
2525.8	51.58	14.6	36.98	V
2623.9	52.07	15.7	36.37	H
2708.6	53.11	15.9	37.21	H
2794.2	52.89	16.5	36.39	V
2884.2	53.76	16.7	37.06	V
2963.8	53.21	17	36.21	V

GFSK Ch0 3GHz-18GHz

Frequency (MHz)	Result (dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Polarity
4964.7	38.34	-4.2	42.54	H
7481.1	41.61	-2.3	43.91	V
9975.4	43.33	-0.6	43.93	H
12054.0	43.61	2	41.61	V
14048.0	43.6	4.7	38.9	H
16300.3	45.64	7.9	37.74	V

GFSK Ch39 30MHz-1GHz

Frequency (MHz)	Result (dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Polarity
33.1	12.47	-14.3	26.77	V
35.1	13.52	-14.1	27.62	V
58.9	10.43	-12.2	22.63	V
113.9	8.25	-14.3	22.55	H
197.6	8.82	-13.9	22.72	V
390.9	14.01	-8.5	22.51	H

GFSK Ch39 1GHz-3GHz

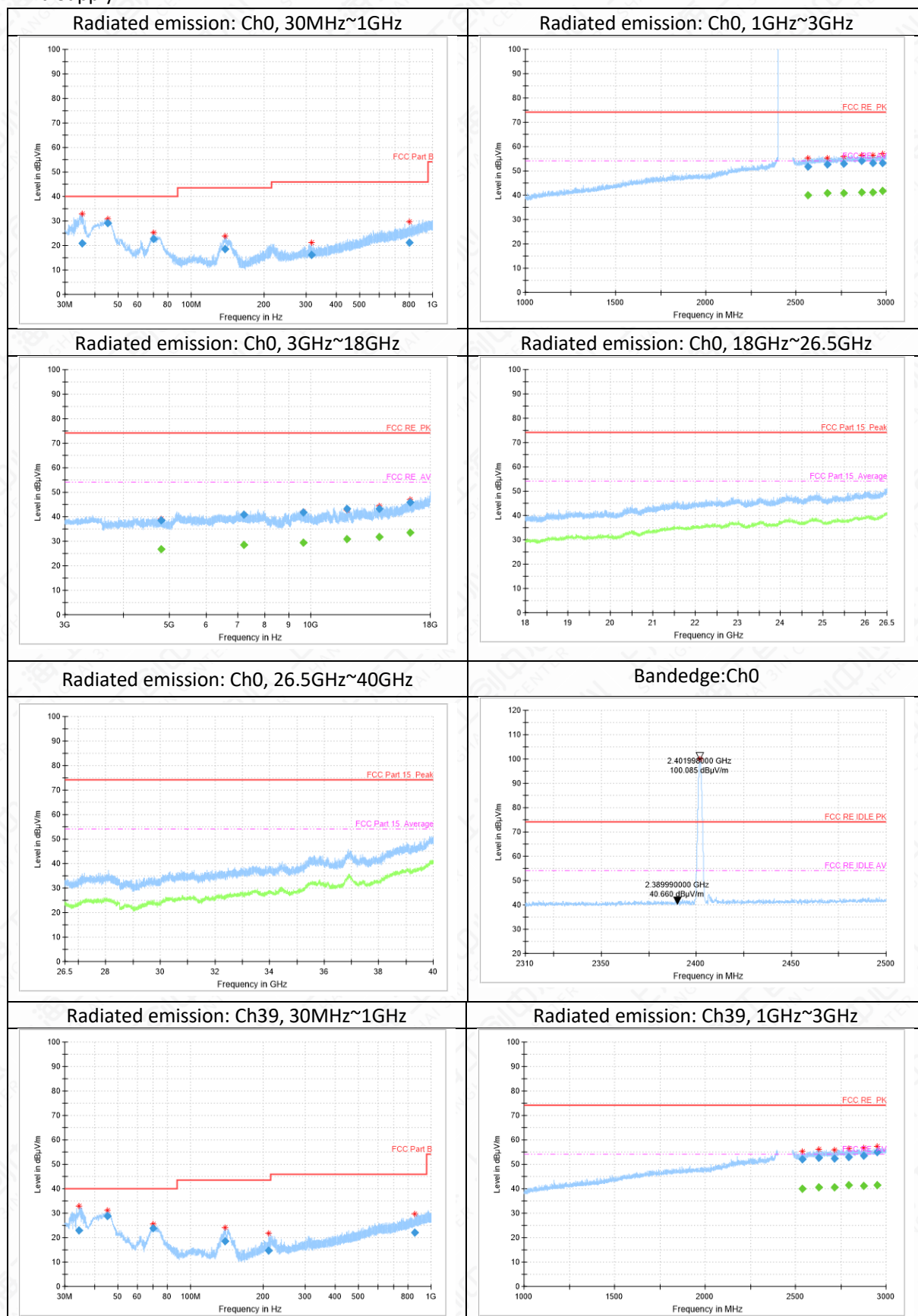
Frequency (MHz)	Result (dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Polarity
2558.8	51.78	15.2	36.58	H
2636.5	52.64	15.8	36.84	H
2728.2	51.9	16.1	35.8	V
2808.1	53.09	16.6	36.49	V

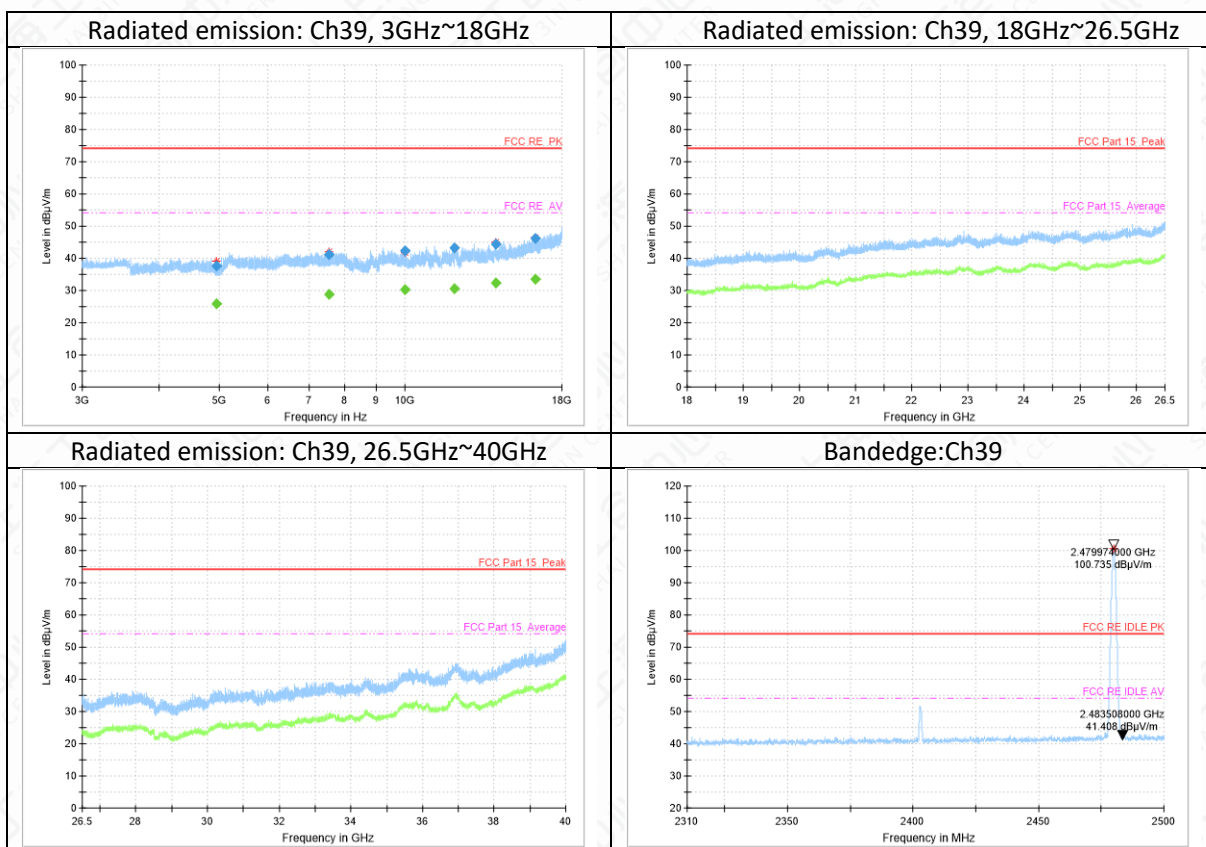
2880.4	52.66	16.7	35.96	H
2956.3	53.51	16.9	36.61	V

GFSK Ch39 3GHz-18GHz

Frequency (MHz)	Result (dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Polarity
4959.8	41.94	-4.2	46.14	H
7520.8	41.06	-2.1	43.16	V
10036.3	42.23	-0.5	42.73	H
11938.8	42.69	2	40.69	V
14516.9	44.83	5	39.83	H
16307.1	47.05	7.9	39.15	H

Third Supply





Note: The out-of- limit signal in the picture is the main frequency signal.

GFSK Ch0 30MHz-1GHz

Frequency (MHz)	Result (dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Polarity
35.4	20.81	-13.9	34.71	V
45.2	29.06	-12.3	41.36	V
69.7	22.56	-15.6	38.16	V
138.1	18.59	-16.9	35.49	H
316.1	16.31	-10.2	26.51	V
802.7	21.07	-1.4	22.47	H

GFSK Ch0 1GHz-3GHz

Frequency (MHz)	Result (dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Polarity
2564.8	51.91	15.2	36.71	H
2674.6	52.61	15.9	36.71	V
2764.8	53.07	16.3	36.77	H
2862.9	54	16.7	37.3	H
2924.9	53.14	16.8	36.34	H
2979.1	53.14	17.1	36.04	H

GFSK Ch0 1GHz-3GHz (Average)

Frequency (MHz)	Result (dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Polarity
2862.9	41.16	16.7	24.46	H

GFSK Ch0 3GHz-18GHz

Frequency (MHz)	Result (dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Polarity
4805.4	38.56	-4.9	43.46	H
7211.8	40.76	-2.1	42.86	H
9669.4	41.78	-0.6	42.38	H
11935.2	43.26	2	41.26	H
14004.4	43.36	4.7	38.66	V
16300.7	45.87	7.9	37.97	H

GFSK Ch39 30MHz-1GHz

Frequency (MHz)	Result (dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Polarity
34.5	22.91	-14.1	37.01	V
45.2	28.68	-12.3	40.98	V
69.8	23.73	-15.6	39.33	V
139.3	18.6	-17	35.6	H
210.3	14.67	-13.2	27.87	V
856.8	22.09	-0.6	22.69	H

GFSK Ch39 1GHz-3GHz

Frequency (MHz)	Result (dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Polarity
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2537.5	51.94	14.9	37.04	V
2628.5	52.71	15.7	37.01	H
2715.3	52.35	16	36.35	H
2793.4	52.98	16.5	36.48	H
2877.2	53.61	16.7	36.91	V
2950.1	54.87	16.8	38.07	H

GFSK Ch39 1GHz-3GHz (Average)

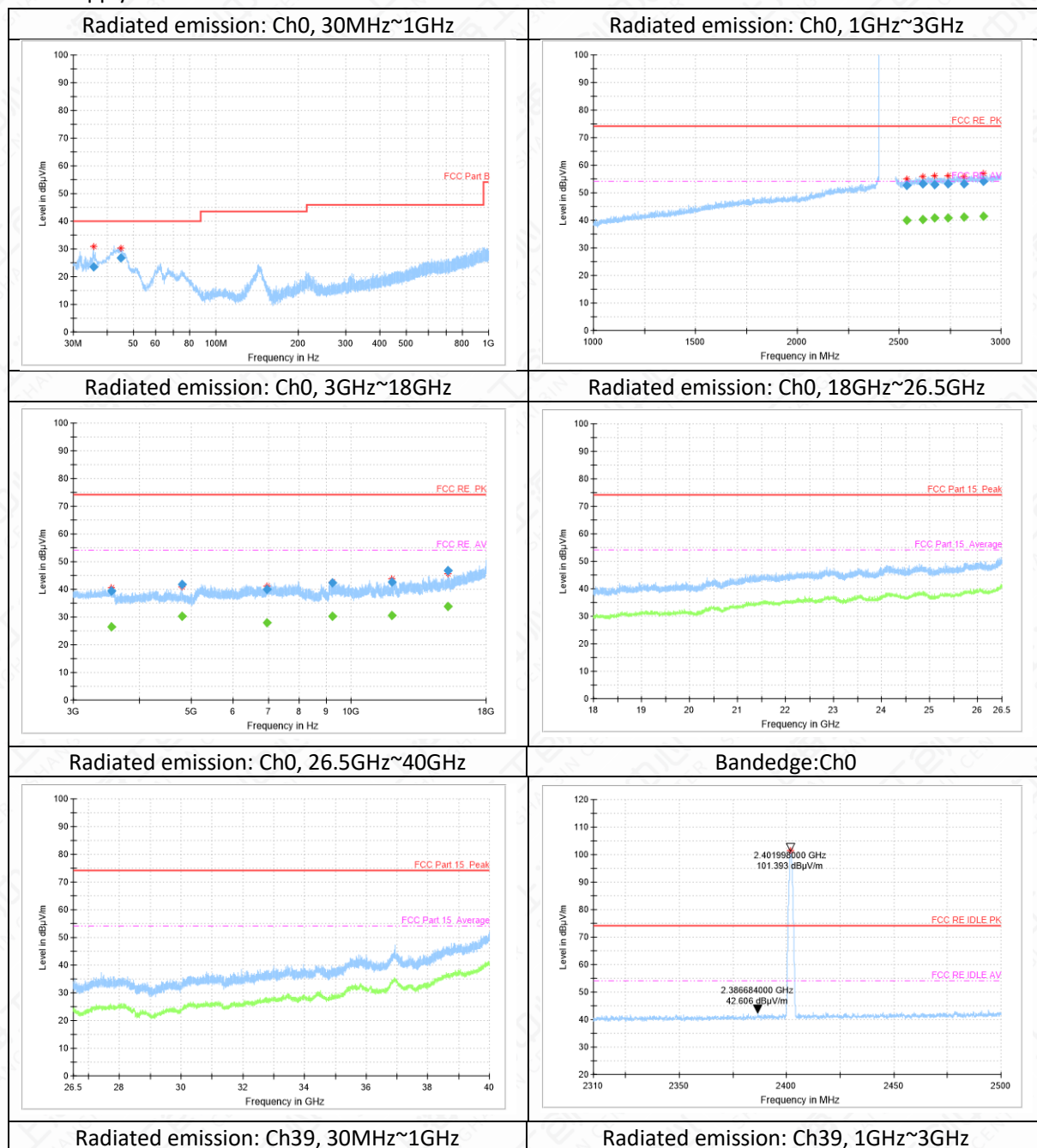
Frequency (MHz)	Result (dB μ V/m)	ARpl (dB)	PMea (dB μ V/m)	Polarity
2950.1	41.56	16.8	24.76	H

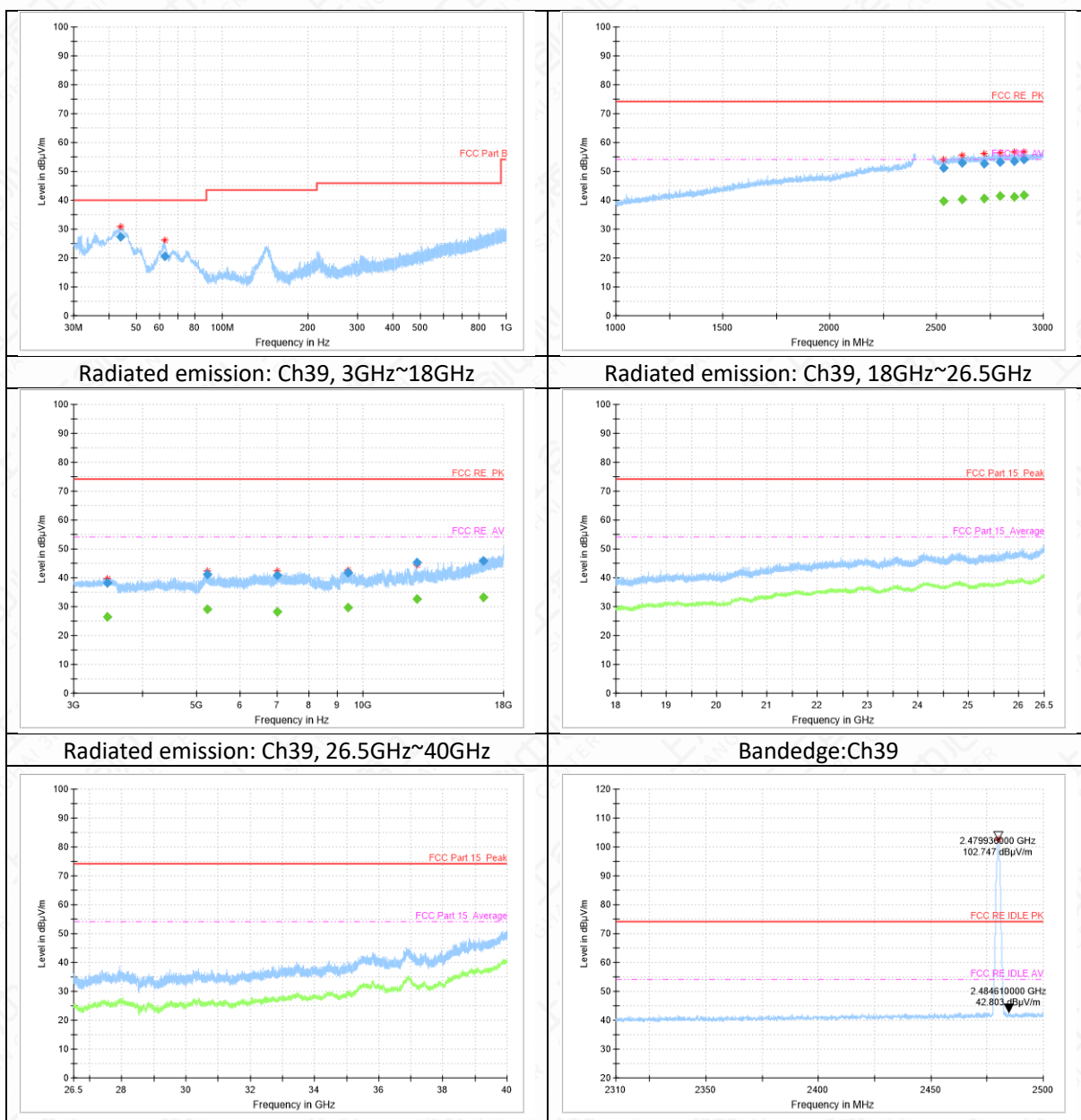
GFSK Ch39 3GHz-18GHz

Frequency (MHz)	Result (dB μ V/m)	ARpl (dB)	PMea (dB μ V/m)	Polarity
4961.5	37.64	-4.2	41.84	H
7541.2	41.16	-2	43.16	H
10028.3	42.49	-0.5	42.99	H
12055.7	43.17	2	41.17	H
14038.1	44.36	4.7	39.66	H
16305.1	46.13	7.9	38.23	H

Scan code version

Main Supply





Note: The out-of- limit signal in the picture is the main frequency signal.

GFSK Ch0 30MHz-1GHz

Frequency (MHz)	Result (dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Polarity
35.6	23.58	-13.9	37.48	V
44.8	26.63	-12.4	39.03	V

GFSK Ch0 1GHz-3GHz

Frequency (MHz)	Result (dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Polarity
2538.9	52.52	14.9	37.62	H
2614.2	53.28	15.6	37.68	V
2675.0	53.01	15.9	37.11	H
2739.6	53.09	16.2	36.89	H

2818.0	53.38	16.6	36.78	V
2911.8	54.02	16.8	37.22	V

GFSK Ch0 1GHz-3GHz (Average)

Frequency (MHz)	Result (dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Polarity
2911.8	41.58	16.8	24.78	V

GFSK Ch0 3GHz-18GHz

Frequency (MHz)	Result (dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Polarity
3538.3	39.39	-6.9	46.29	H
4803.7	41.84	-4.9	46.74	V
6941.1	39.97	-2.5	42.47	H
9234.0	42.5	-0.3	42.8	H
11934.7	42.77	2	40.77	H
15264.0	46.74	6.2	40.54	H

GFSK Ch39 30MHz-1GHz

Frequency (MHz)	Result (dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Polarity
43.7	27.46	-12.5	39.96	V
62.6	20.65	-13.2	33.85	V

GFSK Ch39 1GHz-3GHz

Frequency (MHz)	Result (dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Polarity
2534.4	51.04	14.8	36.24	H
2619.0	53.01	15.6	37.41	H
2724.7	52.52	16.1	36.42	V
2796.0	53.33	16.6	36.73	H
2863.5	53.39	16.7	36.69	V
2908.0	54.05	16.7	37.35	H

GFSK Ch39 1GHz-3GHz (Average)

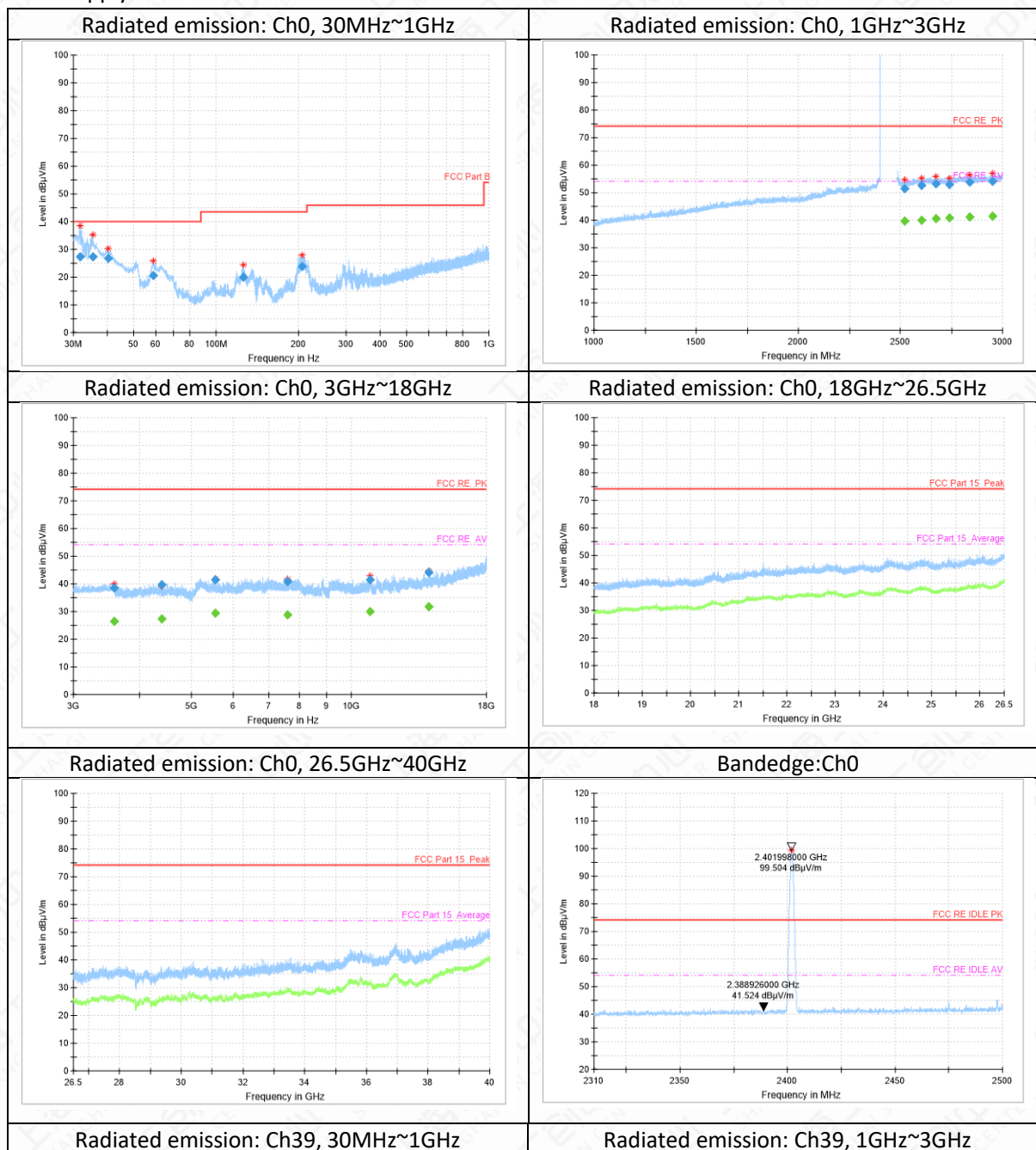
Frequency (MHz)	Result (dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Polarity
2908.0	41.65	16.7	24.95	H

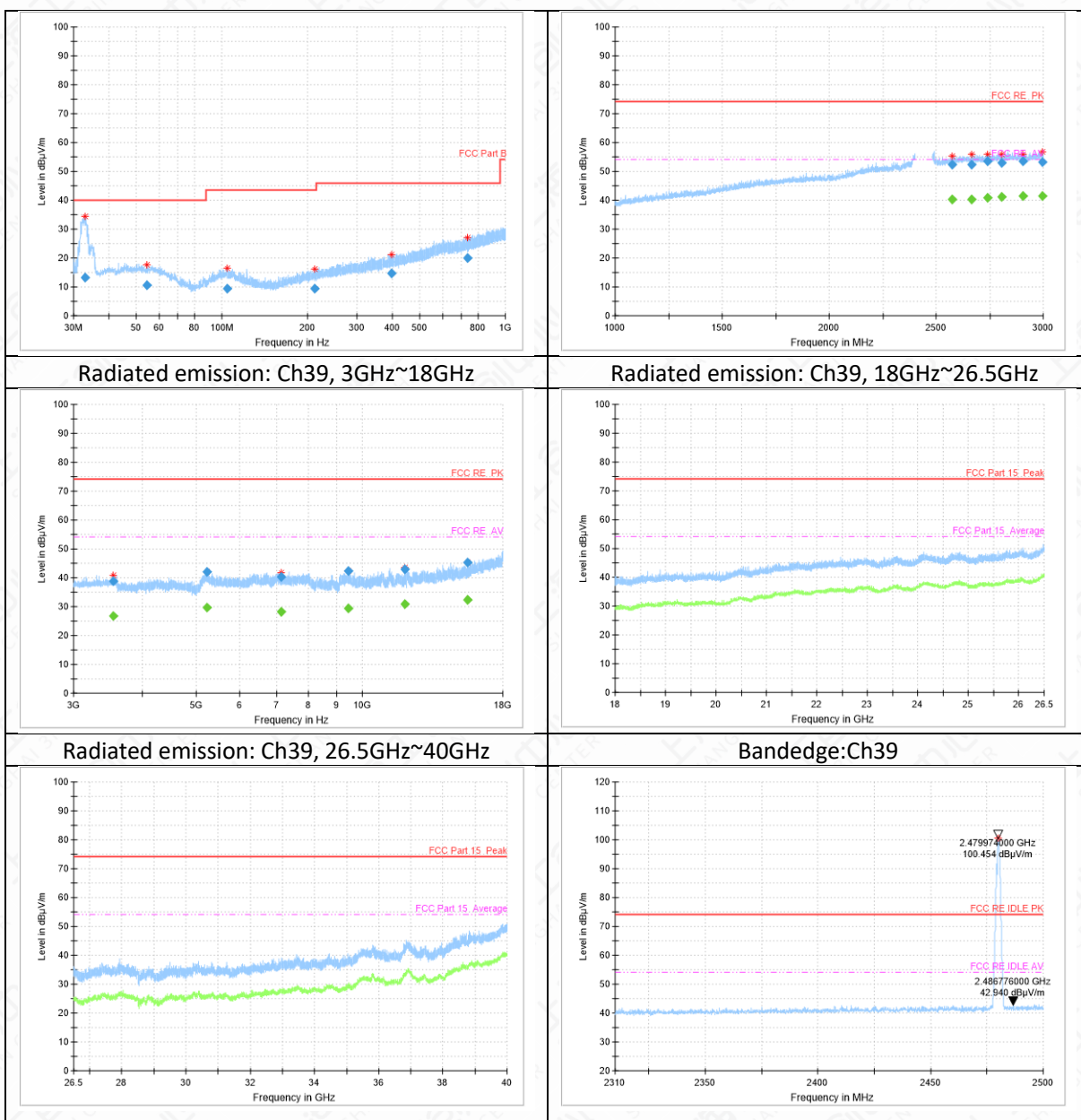
GFSK Ch39 3GHz-18GHz

Frequency (MHz)	Result (dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Polarity
3457.5	38.11	-6.7	44.81	V
5227.5	41.27	-1.3	42.57	V
7002.1	40.85	-2.3	43.15	H
9401.1	41.72	-0.1	41.82	H
12524.5	45.21	2.5	42.71	H
16520.8	46.02	8.3	37.72	V

Fingerprint version

Main Supply





Note: The out-of-limit signal in the picture is the main frequency signal.

GFSK Ch0 30MHz-1GHz

Frequency (MHz)	Result (dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Polarity
31.9	27.35	-14.3	41.65	V
35.3	27.36	-13.9	41.26	V
40.2	26.81	-12.8	39.61	V
58.8	20.65	-12.2	32.85	V
125.8	19.92	-15.7	35.62	H
206.8	23.83	-13.5	37.33	V

GFSK Ch0 1GHz-3GHz

Frequency (MHz)	Result (dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Polarity
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2521.4	51.36	14.6	36.76	H
2602.5	52.72	15.5	37.22	H
2672.8	53.16	15.9	37.26	H
2739.2	52.9	16.2	36.7	V
2840.7	53.76	16.6	37.16	V
2948.8	54.07	16.8	37.27	H

GFSK Ch0 1GHz-3GHz (Average)

Frequency (MHz)	Result (dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Polarity
2948.8	41.46	16.8	24.66	H

GFSK Ch0 3GHz-18GHz

Frequency (MHz)	Result (dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Polarity
3586.1	38.43	-7	45.43	V
4401.8	39.85	-5.1	44.95	V
5548.0	41.61	-3.5	45.11	H
7586.7	40.97	-1.9	42.87	H
10860.5	41.56	1.1	40.46	H
14004.7	44.11	4.7	39.41	H

GFSK Ch39 30MHz-1GHz

Frequency (MHz)	Result (dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Polarity
32.9	13.24	-14.2	27.44	V
54.2	10.46	-12.1	22.56	H
104.5	9.48	-13.3	22.78	V
212.3	9.42	-13.1	22.52	H
397.4	14.6	-8.2	22.8	V
735.5	20.14	-2.4	22.54	H

GFSK Ch39 1GHz-3GHz

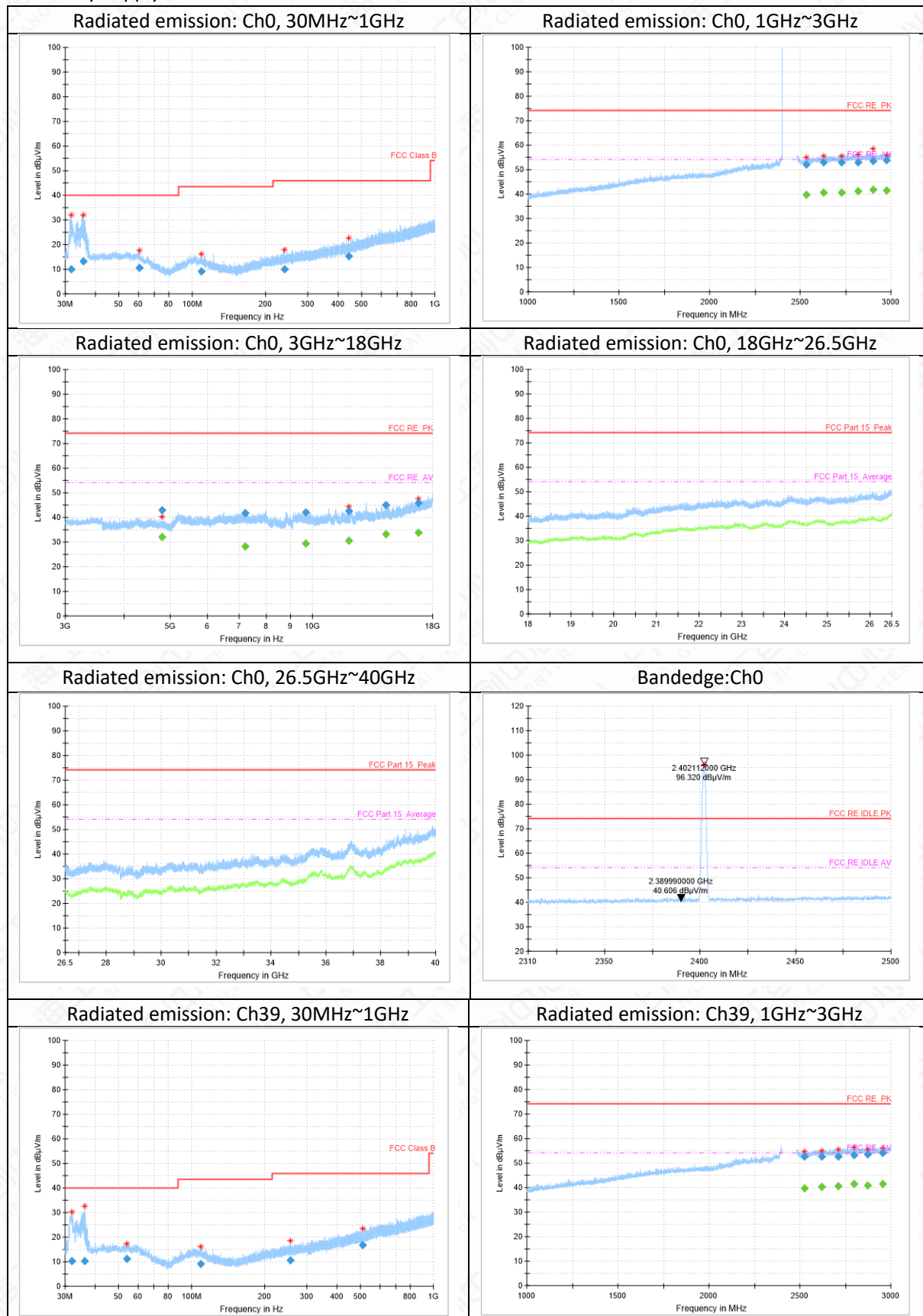
Frequency (MHz)	Result (dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Polarity
2574.5	52.4	15.3	37.1	V
2664.1	52.29	15.9	36.39	V
2739.4	53.39	16.2	37.19	H
2806.5	53.08	16.6	36.48	V
2903.1	53.61	16.7	36.91	H
2994.4	53.38	17.3	36.08	V

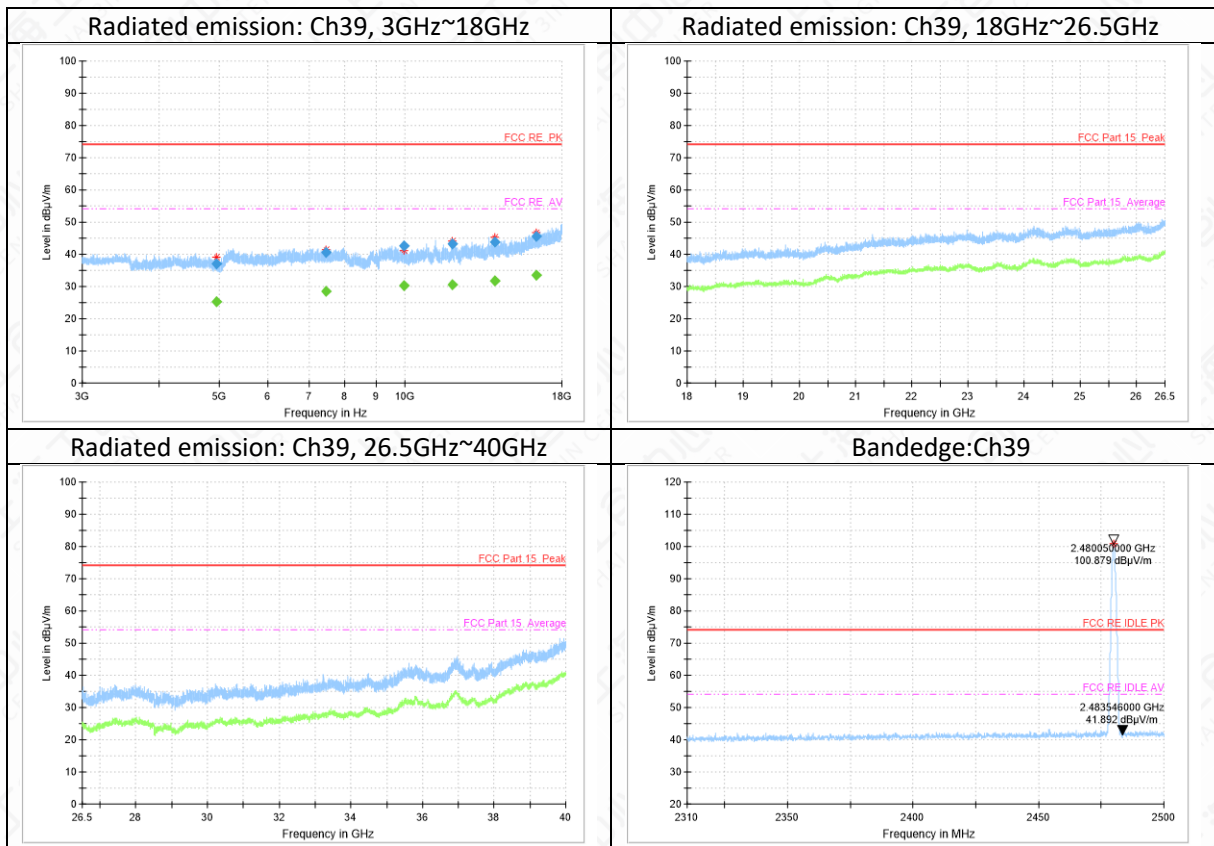
GFSK Ch39 3GHz-18GHz

Frequency (MHz)	Result (dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Polarity
3543.4	38.88	-6.9	45.78	H
5239.5	42.17	-1.5	43.67	V
7129.1	40.27	-2.3	42.57	H

9438.0	42.28	-0.2	42.48	H
11937.5	42.91	2	40.91	V
15516.0	45.42	6.5	38.92	V

Secondary Supply





Note: The out-of- limit signal in the picture is the main frequency signal.

GFSK Ch0 30MHz-1GHz

Frequency (MHz)	Result (dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Polarity
31.8	10.11	-14.4	24.51	H
35.6	13.24	-13.9	27.14	V
60.5	10.59	-12.5	23.09	H
108.9	9.13	-13.4	22.53	H
239.2	10.02	-12.5	22.52	V
442.5	15.15	-7.7	22.85	H

GFSK Ch0 1GHz-3GHz

Frequency (MHz)	Result (dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Polarity
2533.2	52.02	14.8	37.22	H
2630.1	53	15.7	37.3	V
2725.7	52.99	16.1	36.89	H
2816.3	52.8	16.6	36.2	V
2901.9	53.39	16.7	36.69	V
2977.2	53.74	17.1	36.64	V

GFSK Ch0 3GHz-18GHz

Frequency (MHz)	Result (dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Polarity
4803.8	42.83	-4.9	47.73	V
7201.2	41.76	-2	43.76	V
9698.4	42.14	-0.6	42.74	H
11935.5	42.59	2	40.59	H
14339.0	44.9	5.3	39.6	H
16812.0	45.88	8.9	36.98	V

GFSK Ch39 30MHz-1GHz

Frequency (MHz)	Result (dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Polarity
32.1	10.27	-14.4	24.67	V
36.2	10.15	-13.7	23.85	V
53.9	11.27	-12.1	23.37	V
109.4	9.24	-13.4	22.64	V
256.7	10.5	-11.9	22.4	V
508.1	16.68	-6.3	22.98	H

GFSK Ch39 1GHz-3GHz

Frequency (MHz)	Result (dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Polarity
2524.6	52.65	14.6	38.05	H
2617.8	52.53	15.6	36.93	H
2710.2	52.65	15.9	36.75	V
2799.0	53.28	16.6	36.68	H
2870.7	53.47	16.7	36.77	V

2954.3	54.21	16.9	37.31	V
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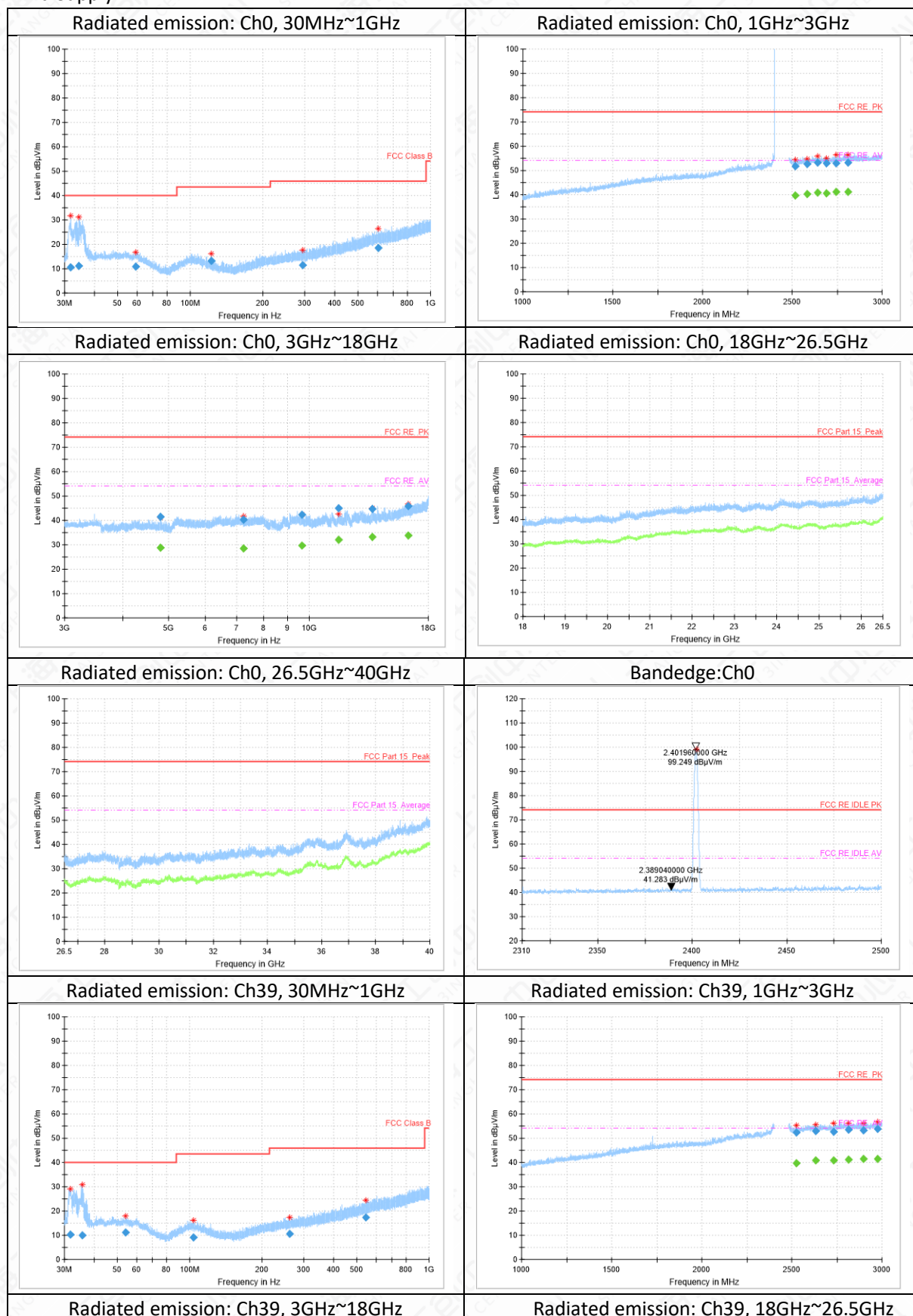
GFSK Ch39 1GHz-3GHz (Average)

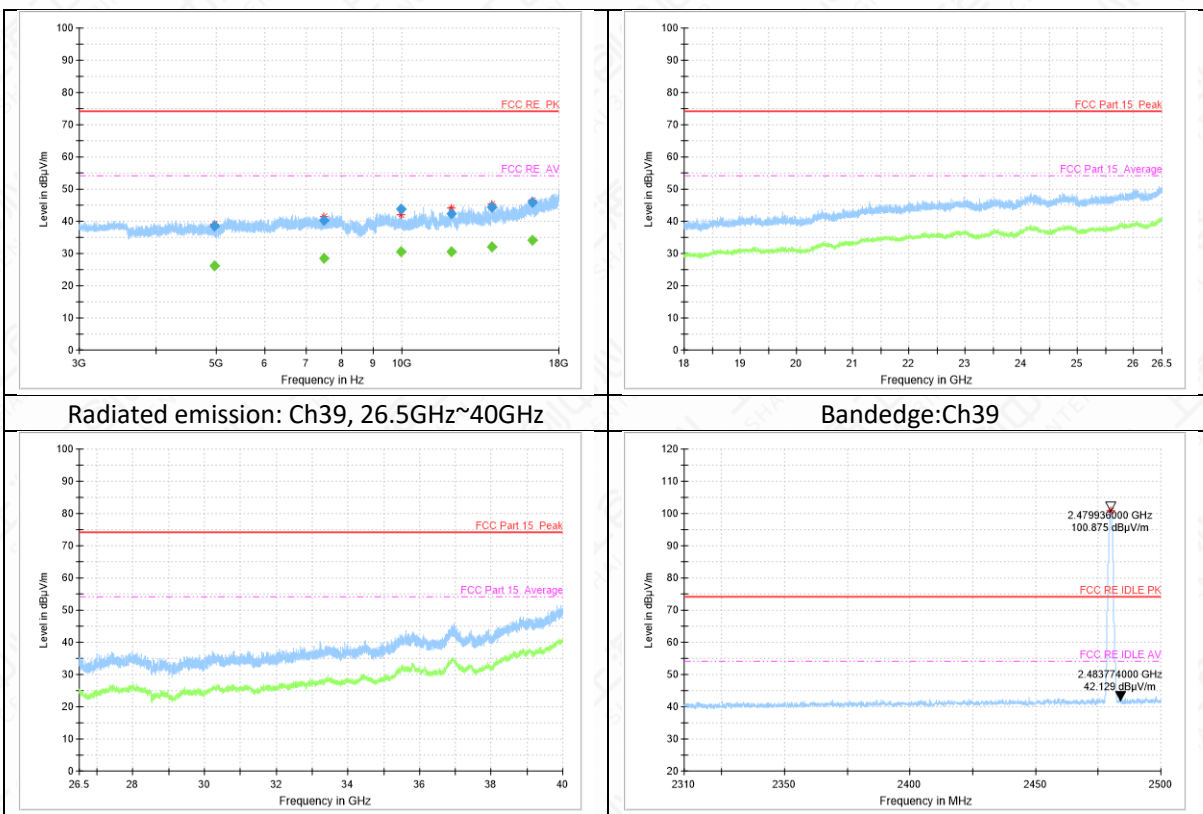
Frequency (MHz)	Result (dB μ V/m)	ARpl (dB)	PMea (dB μ V/m)	Polarity
2954.3	41.45	16.9	24.55	V

GFSK Ch39 3GHz-18GHz

Frequency (MHz)	Result (dB μ V/m)	ARpl (dB)	PMea (dB μ V/m)	Polarity
4954.5	37.2	-4.3	41.5	H
7470.3	40.73	-2.3	43.03	H
9984.4	42.56	-0.6	43.16	H
11939.6	43.35	2	41.35	H
13999.9	43.82	4.7	39.12	H
16347.0	45.55	8	37.55	H

Third Supply





Note: The out-of- limit signal in the picture is the main frequency signal.

GFSK Ch0 30MHz-1GHz

Frequency (MHz)	Result (dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Polarity
31.8	10.55	-14.4	24.95	H
34.5	11.16	-14.2	25.36	V
59.4	10.75	-12.3	23.05	V
122.8	13.34	-15.8	29.14	V
294.1	11.45	-11.2	22.65	V
606.0	18.65	-3.8	22.45	V

GFSK Ch0 1GHz-3GHz

Frequency (MHz)	Result (dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Polarity
2518.1	51.65	14.7	36.95	H
2580.8	52.75	15.4	37.35	V
2639.2	53.28	15.8	37.48	H
2691.7	53.06	15.9	37.16	H
2743.1	53.05	16.2	36.85	H
2808.9	53.32	16.6	36.72	V

GFSK Ch0 3GHz-18GHz

Frequency (MHz)	Result (dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Polarity
4804.5	41.37	-4.9	46.27	H
7243.8	40.17	-2.2	42.37	H
9647.5	42.46	-0.7	43.16	H
11554.8	45.1	2.2	42.9	H
13676.4	44.79	4	40.79	H
16267.5	45.83	7.8	38.03	H

GFSK Ch39 30MHz-1GHz

Frequency (MHz)	Result (dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Polarity
31.8	10.23	-14.4	24.63	H
35.7	9.87	-13.8	23.67	V
54.1	11.22	-12.1	23.32	V
103.9	9.16	-13.4	22.56	V
261.0	10.58	-11.7	22.28	V
543.7	17.42	-5.3	22.72	H

GFSK Ch39 1GHz-3GHz

Frequency (MHz)	Result (dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Polarity
2522.8	52.49	14.6	37.89	V
2633.7	52.96	15.8	37.16	V
2733.4	52.61	16.1	36.51	V
2814.6	53.65	16.6	37.05	H
2895.3	53.36	16.7	36.66	H

2975.0	53.94	17.1	36.84	V
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GFSK Ch39 3GHz-18GHz

Frequency (MHz)	Result (dB μ V/m)	ARpl (dB)	PMea (dB μ V/m)	Polarity
4964.0	38.43	-4.2	42.63	H
7475.3	40.2	-2.3	42.5	V
9964.7	43.86	-0.6	44.46	H
12055.0	42.41	2	40.41	V
14005.0	44.49	4.7	39.79	H
16310.2	45.96	7.9	38.06	H

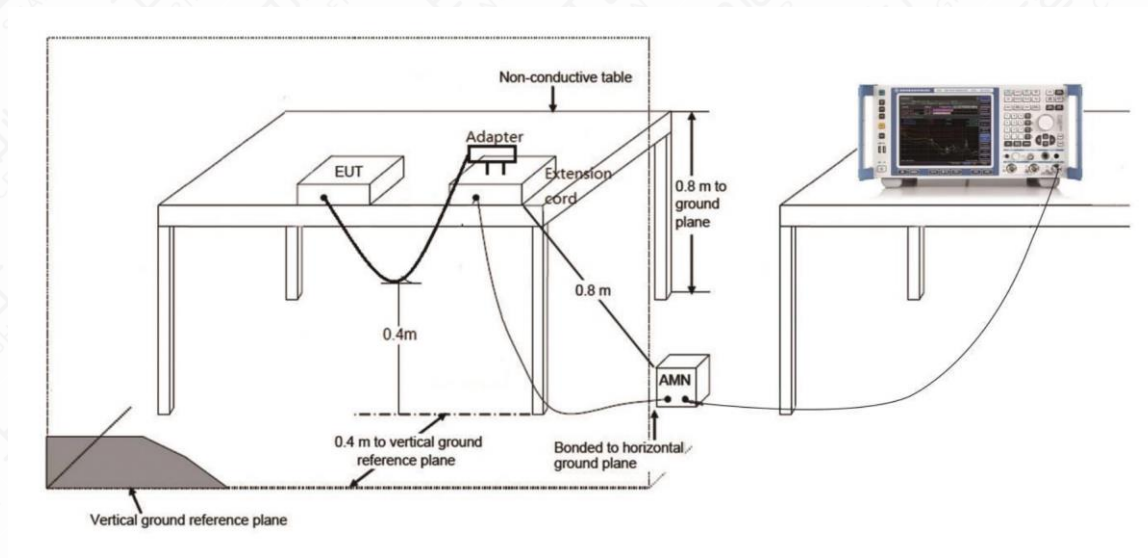
6.8 AC Powerline Conducted Emission

6.8.1 Method of Measurement: ANSI C63.10-2013-clause 6.2

1. The one EUT cable configuration and arrangement and mode of operation that produced the emission with the highest amplitude relative to the limit is selected for the final measurement, while applying the appropriate modulating signal to the EUT.
2. If the EUT is relocated from an exploratory test site to a final test site, the highest emissions shall be remaximized at the final test location before final ac power-line conducted emission measurements are performed.
3. The final test on all current-carrying conductors of all of the power cords to the equipment that comprises the EUT (but not the cords associated with other non-EUT equipment in the system) is then performed for the full frequency range for which the EUT is being tested for compliance without further variation of the EUT arrangement, cable positions, or EUT mode of operation.
4. If the EUT is comprised of equipment units that have their own separate ac power connections, e.g., floor-standing equipment with independent power cords for each shelf that are able to connect directly to the ac power network, each current-carrying conductor of one unit is measured while the other units are connected to a second (or more) LISN(s). All units shall be separately measured. If a power strip is provided by the manufacturer, to supply all of the units making up the EUT, only the conductors in the power cord of the power strip shall be measured.

If the EUT uses a detachable antenna, these measurements shall be made with a suitable dummy load connected to the antenna output terminals; otherwise, the tests shall be made with the antenna connected and, if adjustable, fully extended. When measuring the ac conducted emissions from a device that operates between 150 kHz and 30 MHz a non-detachable antenna may be replaced with a dummy load for the measurements within the fundamental emission band of the transmitter, but only for those measurements.³⁶ Record the six highest EUT emissions relative to the limit of each of the current-carrying conductors of the power cords of the equipment that comprises the EUT over the frequency range specified by the procuring or regulatory agency. Diagram or photograph the test setup that was used. See Clause 8 for full reporting requirements.

6.8.2 Test Setup



6.8.3 Test Condition

Voltage (V)	Frequency (Hz)
120	60

Measurement Result and limit

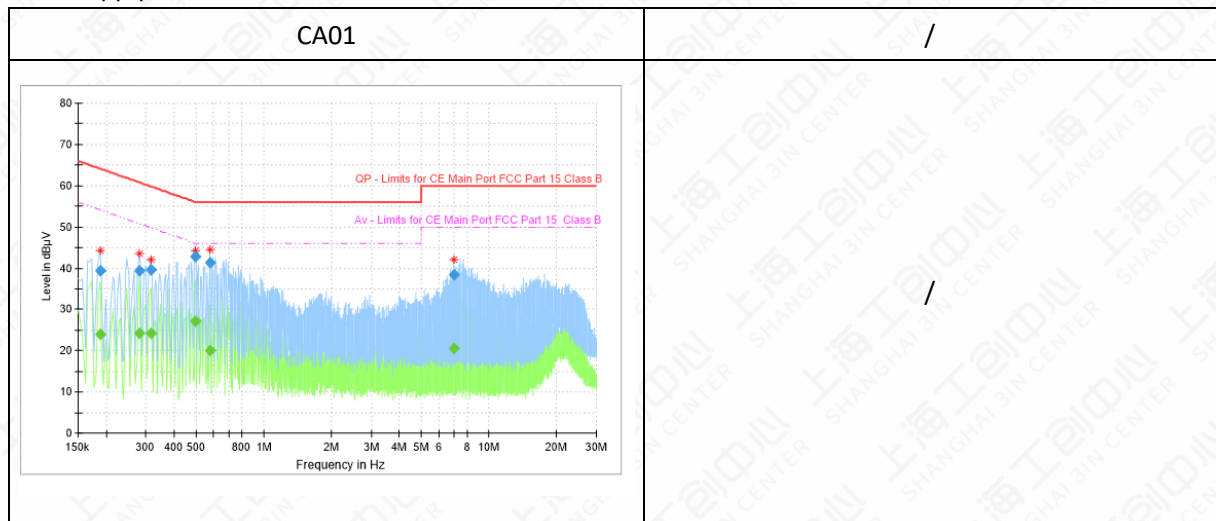
(Quasi-peak-average Limit)

Frequency range (MHz)	Quasi-peak Limit (dBμV)	Average Limit (dBμV)	Conclusion
0.15 to 0.5	66 to 56	56 to 46	P
0.5 to 5	56	46	
5 to 30	60	50	

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

Standard version

Main Supply

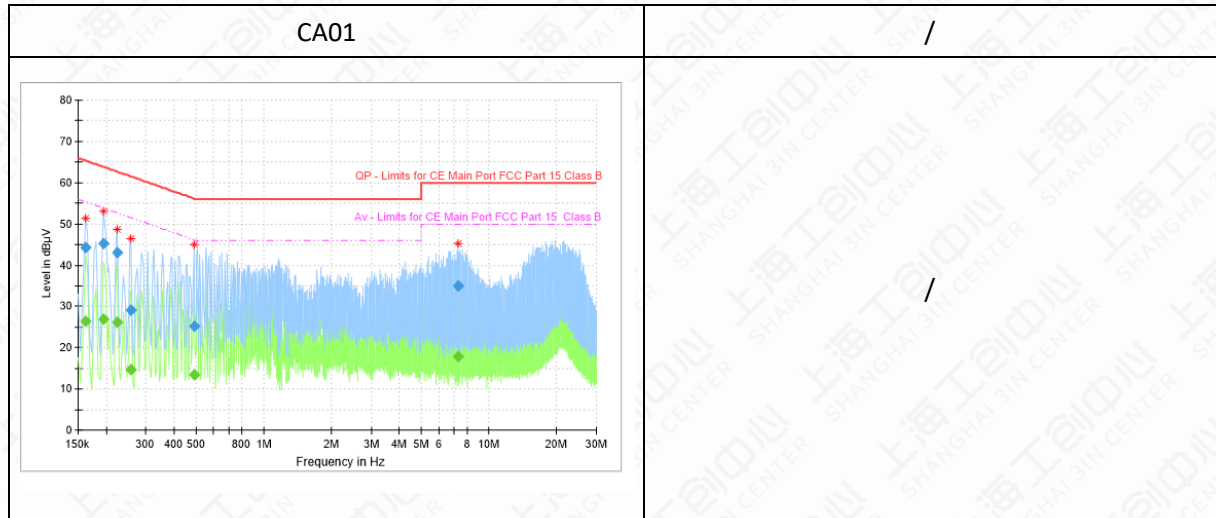


CA01

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.187313	---	24.09	54.16	30.06	15000.0	9.000	L1	ON	9.6
0.187313	39.44	---	64.16	24.71	15000.0	9.000	L1	ON	9.6
0.280594	---	24.25	50.80	26.55	15000.0	9.000	L1	ON	9.6
0.280594	39.28	---	60.80	21.52	15000.0	9.000	L1	ON	9.6
0.314175	---	24.29	49.86	25.57	15000.0	9.000	L1	ON	9.6
0.314175	39.70	---	59.86	20.16	15000.0	9.000	L1	ON	9.6
0.497006	---	27.10	46.05	18.95	15000.0	9.000	L1	ON	9.6
0.497006	42.81	---	56.05	13.24	15000.0	9.000	L1	ON	9.6
0.575363	---	19.97	46.00	26.03	15000.0	9.000	N	ON	9.6
0.575363	41.34	---	56.00	14.66	15000.0	9.000	N	ON	9.6
7.026694	---	20.63	50.00	29.37	15000.0	9.000	N	ON	9.9
7.026694	38.30	---	60.00	21.70	15000.0	9.000	N	ON	9.9

Scan code version

Main Supply

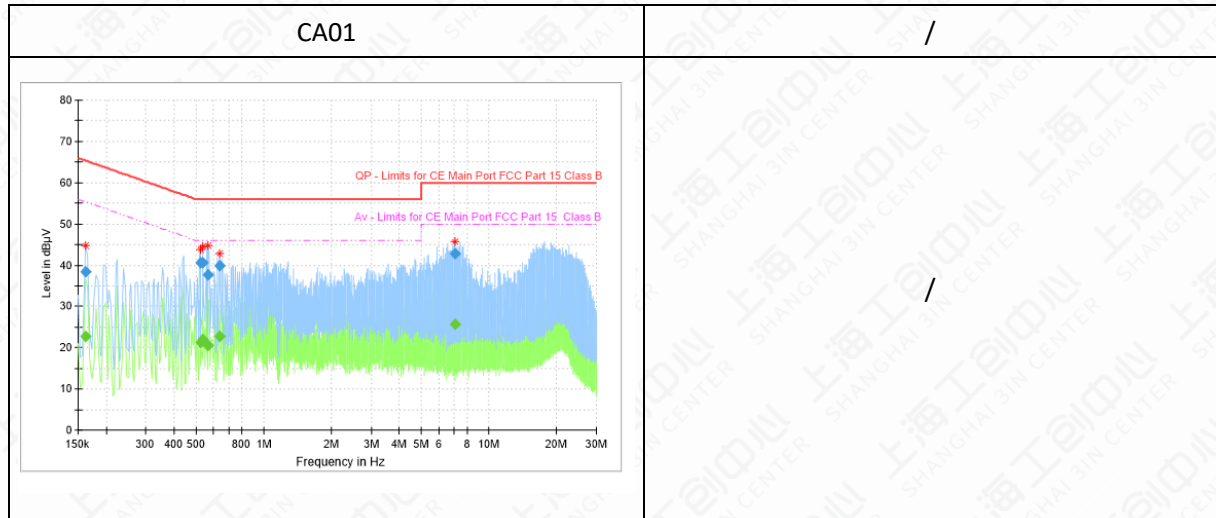


CA01

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.161194	44.21	---	65.40	21.20	15000.0	9.000	L1	ON	9.6
0.161194	---	26.54	55.40	28.86	15000.0	9.000	L1	ON	9.6
0.194775	45.28	---	63.83	18.55	15000.0	9.000	L1	ON	9.6
0.194775	---	27.03	53.83	26.80	15000.0	9.000	L1	ON	9.6
0.224625	43.16	---	62.65	19.48	15000.0	9.000	L1	ON	9.6
0.224625	---	26.06	52.65	26.59	15000.0	9.000	L1	ON	9.6
0.258206	---	14.64	51.49	36.85	15000.0	9.000	L1	ON	9.6
0.258206	29.10	---	61.49	32.39	15000.0	9.000	L1	ON	9.6
0.489544	---	13.42	46.18	32.75	15000.0	9.000	N	ON	9.5
0.489544	25.17	---	56.18	31.00	15000.0	9.000	N	ON	9.5
7.276688	---	17.78	50.00	32.22	15000.0	9.000	N	ON	9.9
7.276688	34.89	---	60.00	25.11	15000.0	9.000	N	ON	9.9

Fingerprint version

Main Supply



CA01

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.161194	---	22.64	55.40	32.76	15000.0	9.000	L1	ON	9.6
0.161194	38.49	---	65.40	26.91	15000.0	9.000	L1	ON	9.6
0.523125	---	21.28	46.00	24.72	15000.0	9.000	N	ON	9.6
0.523125	40.72	---	56.00	15.28	15000.0	9.000	N	ON	9.6
0.538050	40.73	---	56.00	15.27	15000.0	9.000	L1	ON	9.6
0.538050	---	22.08	46.00	23.92	15000.0	9.000	L1	ON	9.6
0.567900	37.59	---	56.00	18.41	15000.0	9.000	L1	ON	9.6
0.567900	---	20.45	46.00	25.55	15000.0	9.000	L1	ON	9.6
0.635063	---	22.84	46.00	23.16	15000.0	9.000	N	ON	9.6
0.635063	39.76	---	56.00	16.24	15000.0	9.000	N	ON	9.6
7.034156	---	25.66	50.00	24.34	15000.0	9.000	N	ON	9.9
7.034156	42.74	---	60.00	17.26	15000.0	9.000	N	ON	9.9

Annex A: Revised History

Version	Revised Content
V00	Initial
V01	update the equipemnts list add the radiation spurious above 18GHz result; add the EIRP test result and EIRP limit
V02	update the equipemnts Cal. Interval

Annex B: Accreditation Certificate**END OF REPORT**