



TEST REPORT

Report Number: C21T00091-EMC01-V00

Applicant	Shanghai Sunmi Technology Co.,Ltd.
Product Name	Smart POS system
Model Name	T6900
Brand Name	SUNMI
FCC ID	2AH25T6900

Industrial Internet Innovation Center (Shanghai) Co., Ltd. tested the above equipment in accordance with the requirements in FCC Part 15, Subpart B, ANSI C63.4-2014.

Prepared by

Reviewed by

Approved by

Issue Date

2022-01-07

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

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Test Laboratory:

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

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Revision Version

Report Number	Revision	Date	Memo
C21T00091-EMC01-V00	00	2022-01-07	Initial creation of test report

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1. Test Laboratory

1.1. Testing Location

Primary Lab:

Company Name	Industrial Internet Innovation Center (Shanghai) Co., Ltd.
Address	Building 4, No. 766 Jingang Rd, Pudong, Shanghai, China
FCC Registration No.	958356
FCC Designation No.	CN1177

Subcontracting Lab #1:

Company Name	N/A
Address	N/A

1.2. Testing Environment

Normal Temperature	15°C~35°C
Relative Humidity	30%RH~60%RH
Supply Voltage	120V/60Hz

1.3. Project Information

Project Leader	Wang Wenwen
Testing Start Date	2021-10-08
Testing End Date	2022-01-07

2. Client Information

2.1. Applicant Information

Company Name	Shanghai Sunmi Technology Co.,Ltd.
Address	Room 505, KIC Plaza, No.388 Song Hu Road, Yang Pu District, Shanghai, China
Telephone	+86 18501703215

2.2. Manufacturer Information

Company Name	Shanghai Sunmi Technology Co.,Ltd.
Address	Room 505, KIC Plaza, No.388 Song Hu Road, Yang Pu District, Shanghai, China
Telephone	+86 18501703215

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

3.1. About EUT

Product Name	Smart POS system
Model name	T6900
GSM Frequency Band	GSM850/GSM900/GSM1800/GSM1900
UMTS Frequency Band	Band I /Band II /Band IV /Band V /Band VIII
LTE Frequency Band	LTE 1/2/3/4/5/7/17/28/38/41
Supported Radio Technology and Bands	BT4.2 WLAN 802.11b,g,n WLAN 802.11a,n NFC GPS
Hardware Version	B1691_MAIN_PCB_V1.1
Software Version	V1.0.2

Note: Photographs of EUT are shown in ANNEX B of this test report.

3.2. Internal Identification of EUT used during the test

EUT ID*	SN or IMEI	HW Version	SW Version	Date of Receipt
N07 (Main Supply)	N/A	B1691_MAIN_PCB_V1.1	V1.0.2	2021/10/08
N09 (Secondary Supply)	N/A	B1691_MAIN_PCB_V1.1	V1.0.2	2021/11/11

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

3.3. Internal Identification of AE used during the test

AE ID*	Description	Model	SN/Remark
CA01	Adapter	TPA-23A050200UU01	N/A
UA03	USB Cable	SSM-A001A	N/A
BA04	Battery	T6900	B19069011894
BB01	Battery	T6900	N/A
AE1	LAN Cable	N/A	N/A
AE2	RS232 Cable	N/A	N/A
AE3	VGA Cable	N/A	N/A
AE4	Keyboard	KB212-B	CN-0Y88XT-65890-12I-005Q-A00

AE5	Mouse	MS111-P	CN-011D3V-71581-19J-1A64
AE6	Desktop PC	OptiPlex 790 DT	X8RP1 A01 APCC
AE7	Notebook PC	DELL Latitude E6510	N/A
AE8	SanDisk Ultra32GB	microSDHC UHS-I	N/A

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

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	2020/10/1
ANSI C63.4	Method of Measurement of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the Range of 9 kHz to 40 GHz	2014

5. Test Summary

5.1. Summary of Test Results

Items	Test List	Standard	Verdict
1	Radiated Emission	15.109(a)	Pass
2	AC Conducted Emission	15.107(a)	Pass

5.2. Statements

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

This project has two configurations main supply_N07 and secondary supply_N09, in which main supply_N07 conducts all tests, and secondary supply_N09 tests the worst mode of main supply_N07 and records the worst data in the report respectively.

Industrial Internet Innovation Center (Shanghai) Co., Ltd. only performed test cases which identified with Pass/Fail/Inc result in section 5.1.

Industrial Internet Innovation Center (Shanghai) Co., Ltd. has verified that the compliance of the tested device specified in section 3 of this test report is successfully evaluated according to the procedure and test methods as defined in type certification requirement listed in section 4 of this test report.

5.3. Decision of final test mode

The EUT was tested together with the above additional components, and a configuration, which produced the worst emission levels, was selected and recorded in this report.

The test configuration modes are as the following:

N07(Mainly Supply):

Test Item	Test setup and operating modes
Radiated emission	Mode 1: USB cable (Data Link with PC) <Figure 1> Mode 2: Adapter charging <Figure 2> Mode 3: GPS mode <Figure 2> Mode 4: GSM 850 receiver <Figure 2>
AC Conducted Emission	Mode 1: USB cable (Data Link with PC) <Figure 1> Mode 2: Adapter charging <Figure 2> Mode 3: GPS mode <Figure 2> Mode 4: GSM 850 receiver <Figure 2>
Remark: 1. All test modes are performed, only the worst cases test data are recorded in this report. 2. After laboratory verification, GSM850 is the worst mode among all receiving modes of 2G/3G/4G and is recorded in the report. 3. The worst case for conducted emission is mode 4. The worst case of radiated emission for 30MHz-1GHz is mode 1 and for 1GHz-18GHz is mode 4.	

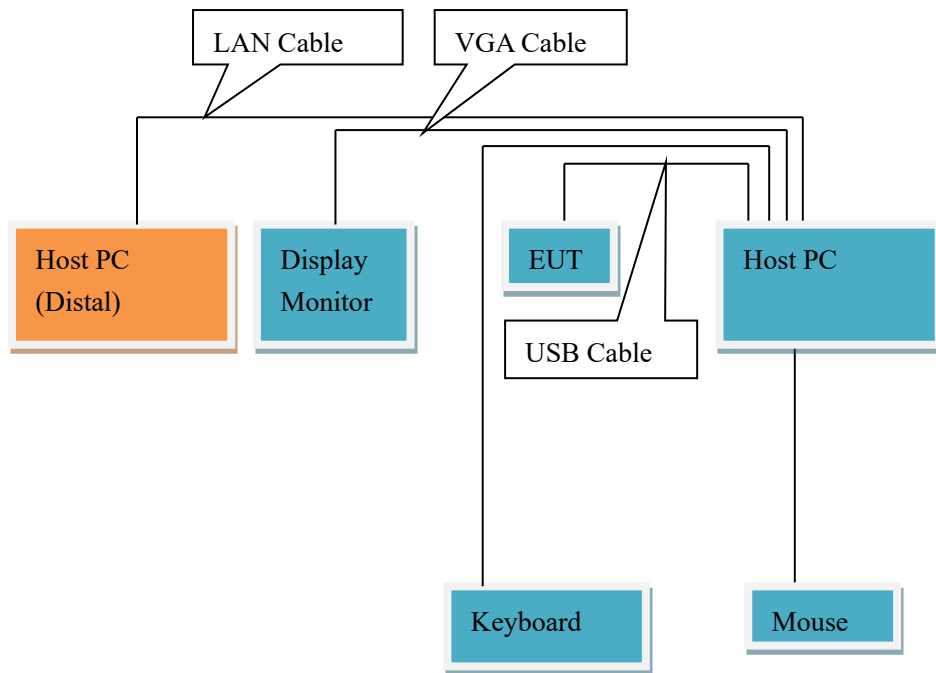
N09(Secondary Supply):

Test Item	Test setup and operating modes
Radiated emission	Mode 1: USB cable (Data Link with PC) <Figure 1> Mode 4: GSM 850 receiver <Figure 2>
AC Conducted Emission	Mode 4: GSM 850 receiver <Figure 2>
Remark: 1. All test modes are performed, only the worst cases test data are recorded in this report. 2. The worst case for conducted emission is mode 4. The worst case of radiated emission for 30MHz-1GHz is mode 1 and for 1GHz -18GHz is mode 4.	

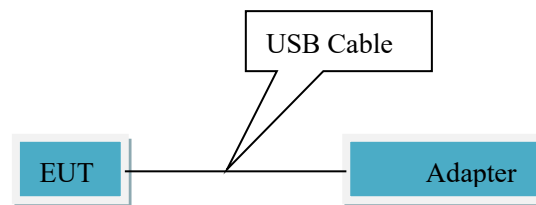
5.4. EUT System Operation

1. Connect the EUT with AE.
2. Setup the EUT according to the standard.
3. Start testing and monitoring the function
4. Data Link with PC means data application transferred mode between EUT and PC.
5. EUT and GPS simulator (SMBV100A) connection is established.

5.5. EUT Connection Diagram of Test System



<Figure 1> Mode 1



<Figure 2> Mode 2~4

6. Measurement Results

6.1. Radiated Emission

Method of Measurement

- For 30MHz -1000MHz, the EUT was placed on the top of a rotating 0.8m table above the ground at a semi-anechoic chamber. The distance between the EUT and the received antenna was 3 meters. The table was rotated 360 degree and the received antenna mounted on a variable-height antenna tower was varied from 1m to 4m to find the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna were set during the measurement.
- For 1000MHz-18000MHz, the maximal emission value was acquired by adjusting the antenna height, the table was rotated 360 degree to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna were set during the measurement.

Limits for Radiated Emission at a measuring distance of 3m

Table 1:

Frequency Range (MHz)	Quasi-Peak (dB μ V/m)
30-88	40
88-216	43.5
216-960	46
Above 960	54

Table 2:

Frequency Range (MHz)	Peak (dB μ V/m)	Average (dB μ V/m)
Above 1000	74	54

Table 3:

Test conditions

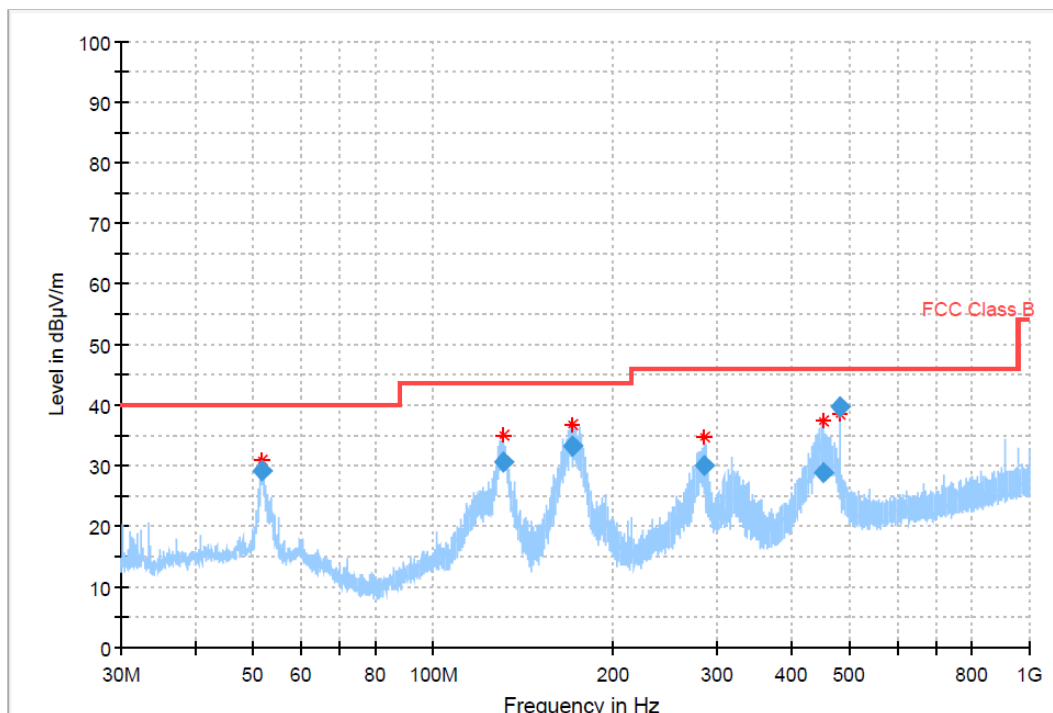
Frequency Range (MHz)	RBW/VBW	Sweep Time (s)
30-1000	120kHz/300kHz	Auto
1000-18000	1MHz/3MHz	Auto

Test Results

Sweep the whole frequency band through the range from 30MHz to the 5th harmonic of the carrier, the Emissions in the frequency band 18GHz-40GHz is more than 20dB below the limit are not report.

N07(Mainly Supply):

Mode 1: USB cable (Data Link with PC) <Figure 1>
(30M-1GHz)



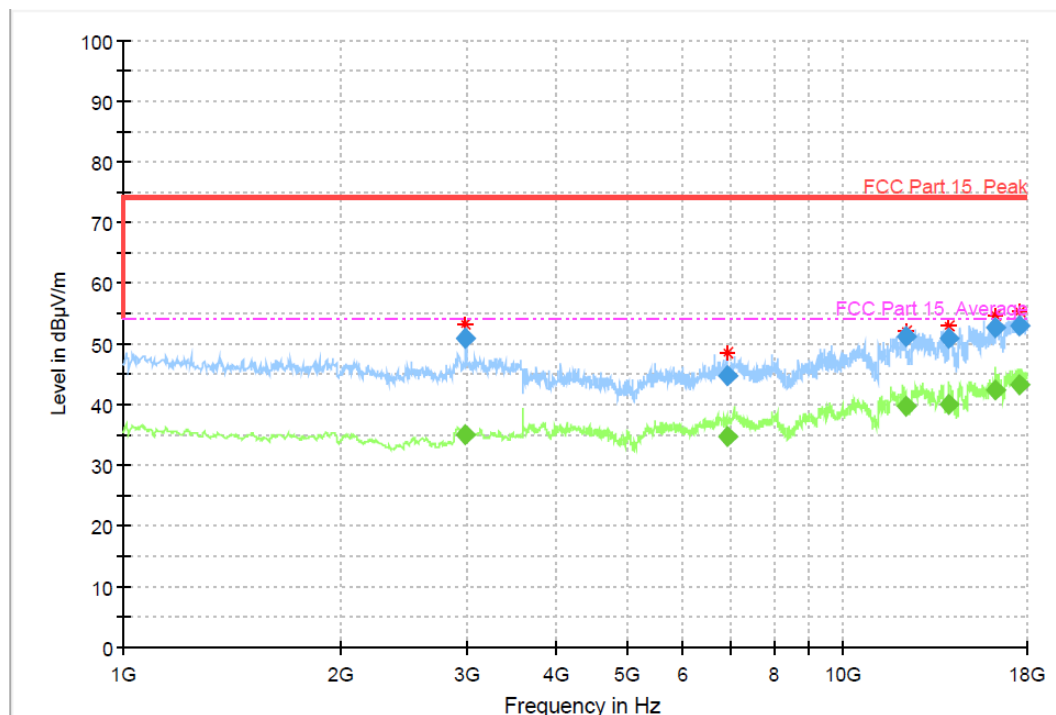
Final Result 1

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
51.645435	29.09	40.00	10.91	1000.0	120.000	100.0	V	148.0	-12.0
131.089824	30.67	43.50	12.83	1000.0	120.000	100.0	V	290.0	-16.5
171.008955	33.17	43.50	10.33	1000.0	120.000	100.0	V	-14.0	-15.6
284.285400	30.07	46.00	15.93	1000.0	120.000	105.0	H	145.0	-11.3
451.768789	28.76	46.00	17.24	1000.0	120.000	100.0	H	330.0	-7.5
480.002648	39.64	46.00	6.36	1000.0	120.000	100.0	H	133.0	-7.1

Note:

1. Emission level(QP)=Raw value by receiver + Corr(Antenna factor + cable loss - preamplifier gain)
2. The raw value is used to calculate by software which is not shown in the sheet.
3. Margin=limit value – emission level.

Mode 4: GSM 850 receiver <Figure 2>
(1GHz –18GHz)

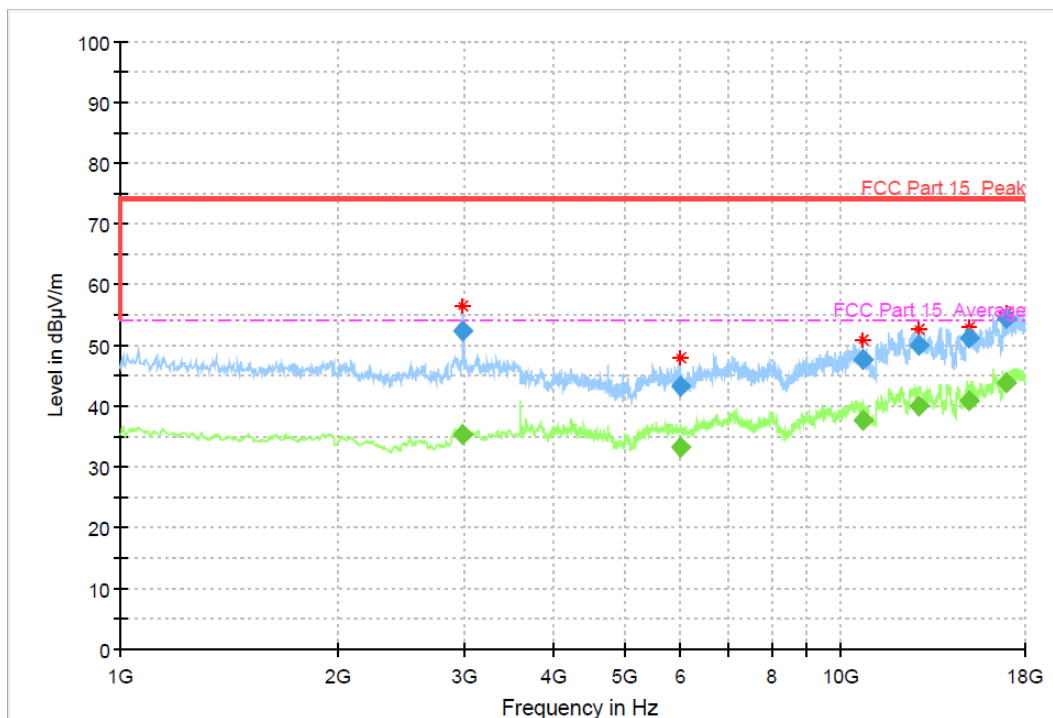


Final Result 1

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Band width (kHz)	Height (cm)	Pol	Azimu th (deg)	Corr. (dB)
2989.00000	50.76	---	74.00	23.24	1.0	1000.	100.0	H	241.0	1.9
2989.00000	---	35.12	54.00	18.88	1.0	1000.	100.0	H	241.0	1.9
6889.40000	44.75	---	74.00	29.25	1.0	1000.	200.0	H	0.0	4.0
6889.40000	---	34.81	54.00	19.19	1.0	1000.	200.0	H	0.0	4.0
12234.0000	---	39.78	54.00	14.22	1.0	1000.	200.0	H	261.0	10.8
12234.0000	51.25	---	74.00	22.75	1.0	1000.	200.0	H	261.0	10.8
14025.0000	---	40.13	54.00	13.87	1.0	1000.	200.0	H	237.0	12.4
14025.0000	50.97	---	74.00	23.03	1.0	1000.	200.0	H	237.0	12.4
16307.0000	52.54	---	74.00	21.46	1.0	1000.	200.0	H	106.0	16.1
16307.0000	---	42.44	54.00	11.56	1.0	1000.	200.0	H	106.0	16.1
17527.6000	52.97	---	74.00	21.03	1.0	1000.	100.0	H	95.0	17.7
17527.6000	---	43.22	54.00	10.78	1.0	1000.	100.0	H	95.0	17.7

Note:

1. Emission level (peak or average)=Raw value by receiver + Corr (Antenna factor+ cable loss- preamplifier gain)
2. The raw value is used to calculate by software which is not shown in the sheet.
3. Margin=limit value – emission level.



Final Result 1

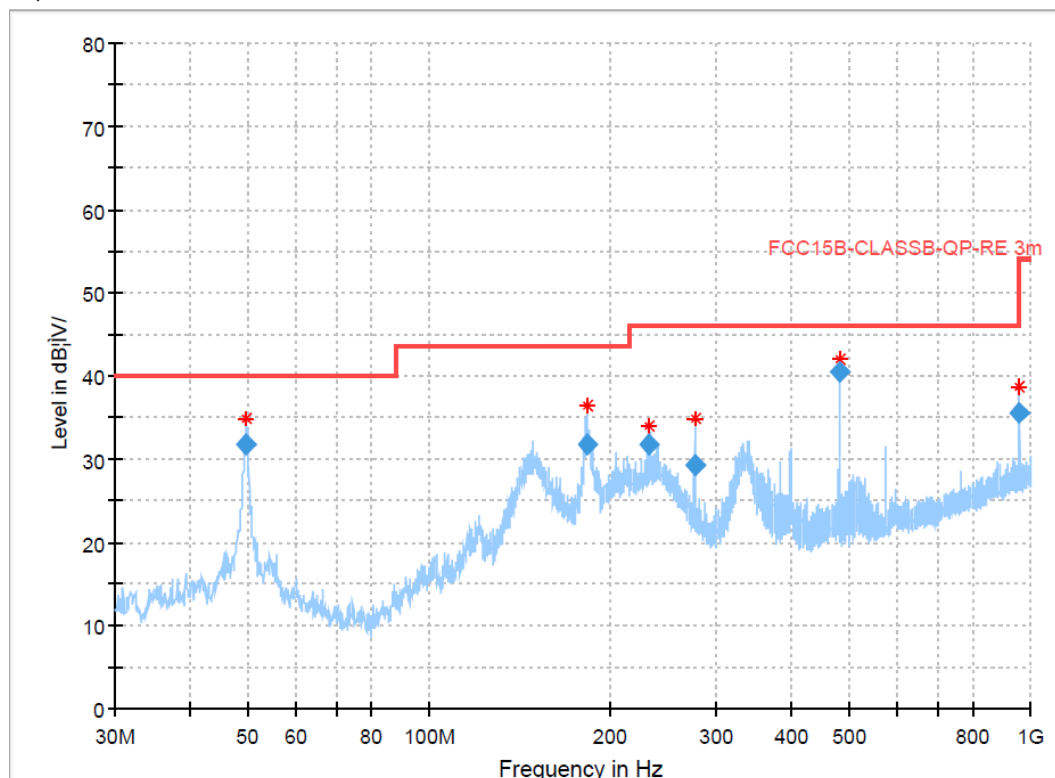
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Band width (kHz)	Height (cm)	Pol	Azimu th (deg)	Corr. (dB)
2992.00000	---	35.24	54.00	18.76	1.0	1000.	100.0	V	0.0	1.8
2992.00000	52.28	---	74.00	21.72	1.0	1000.	100.0	V	0.0	1.8
5994.20000	---	33.28	54.00	20.72	1.0	1000.	100.0	V	236.0	1.8
5994.20000	43.23	---	74.00	30.77	1.0	1000.	100.0	V	236.0	1.8
10754.2000	---	37.61	54.00	16.39	1.0	1000.	200.0	V	0.0	7.4
10754.2000	47.75	---	74.00	26.25	1.0	1000.	200.0	V	0.0	7.4
12791.6000	---	39.91	54.00	14.09	1.0	1000.	200.0	V	260.0	11.0
12791.6000	50.11	---	74.00	23.89	1.0	1000.	200.0	V	260.0	11.0
15029.4000	---	40.84	54.00	13.16	1.0	1000.	100.0	V	74.0	13.7
15029.4000	51.29	---	74.00	22.71	1.0	1000.	100.0	V	74.0	13.7
16959.6000	---	43.84	54.00	10.16	1.0	1000.	200.0	V	140.0	17.4
16959.6000	54.27	---	74.00	19.73	1.0	1000.	200.0	V	140.0	17.4

Note:

1. Emission level (peak or average) = Raw value by receiver + Corr (Antenna factor+ cable loss- preamplifier gain)
2. The raw value is used to calculate by software which is not shown in the sheet.
3. Margin=limit value – emission level.

N09(Secondary Supply):

Mode 1: USB cable (Data Link with PC) <Figure 1>
(30M-1GHz)



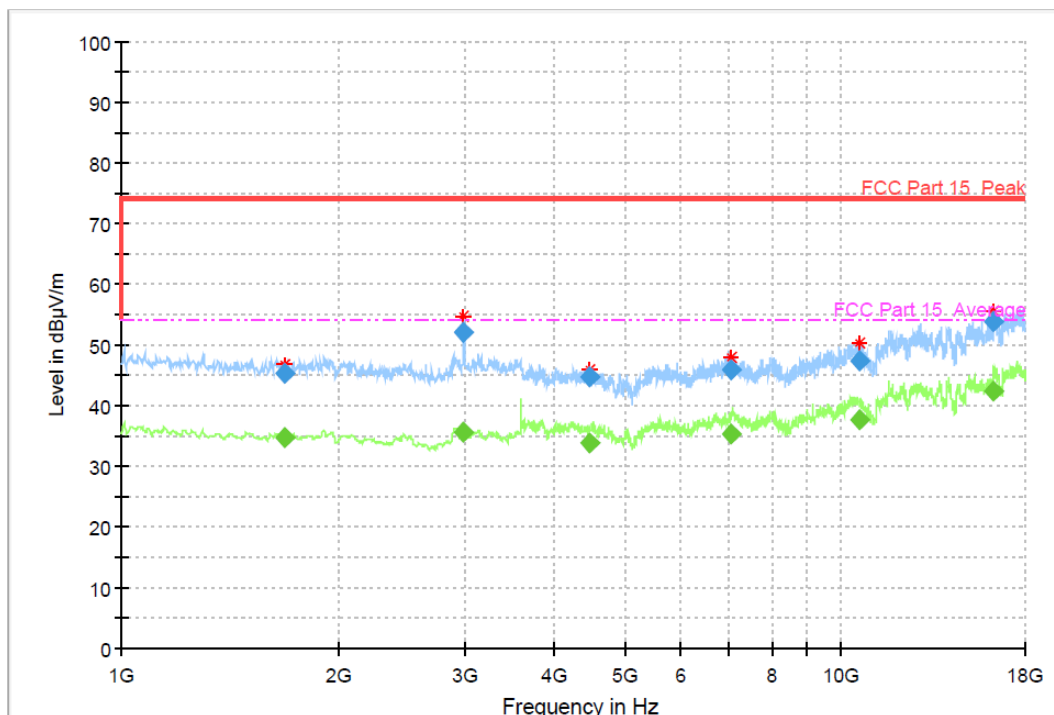
Final Result 1

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
49.619040	31.64	40.00	8.36	1000.0	120.000	100.0	V	234.0	-11.3
182.956240	31.71	43.50	11.79	1000.0	120.000	100.0	H	43.0	-14.3
232.390840	31.66	46.00	14.34	1000.0	120.000	100.0	H	254.0	-11.6
276.115720	29.25	46.00	16.75	1000.0	120.000	200.0	V	328.0	-10.4
479.999680	40.34	46.00	5.66	1000.0	120.000	100.0	H	324.0	-5.7
959.994120	35.44	46.00	10.56	1000.0	120.000	100.0	H	347.0	2.2

Note:

1. Emission level(QP)=Raw value by receiver + Corr(Antenna factor + cable loss - preamplifier gain)
2. The raw value is used to calculate by software which is not shown in the sheet.
3. Margin=limit value – emission level.

Mode 4: GSM 850 receiver <Figure 2>
(1GHz –18GHz)

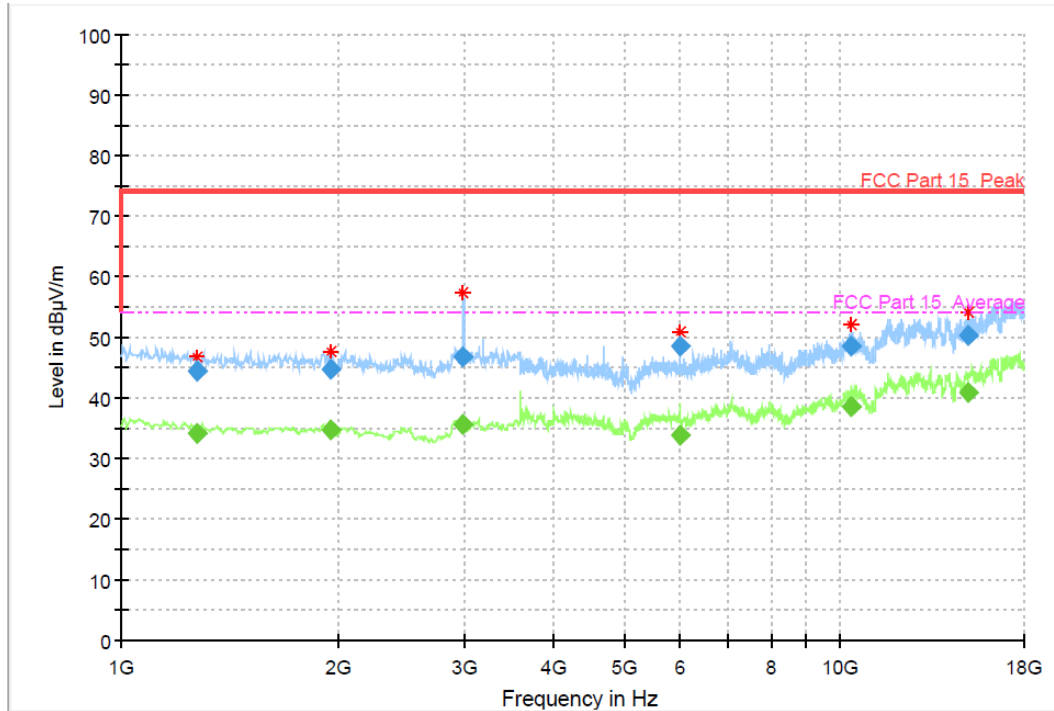


Final Result 1

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Band width (kHz)	Height (cm)	Pol	Azimu th (deg)	Corr. (dB)
1691.20000	---	34.62	54.00	19.38	1.0	1000.	200.0	H	0.0	2.0
1691.20000	45.19	---	74.00	28.81	1.0	1000.	200.0	H	0.0	2.0
2988.40000	52.19	---	74.00	21.81	1.0	1000.	200.0	H	226.0	1.9
2988.40000	---	35.53	54.00	18.47	1.0	1000.	200.0	H	226.0	1.9
4482.40000	---	33.97	54.00	20.03	1.0	1000.	100.0	H	282.0	1.4
4482.40000	44.63	---	74.00	29.37	1.0	1000.	100.0	H	282.0	1.4
7044.80000	---	35.33	54.00	18.67	1.0	1000.	200.0	H	303.0	4.4
7044.80000	45.87	---	74.00	28.13	1.0	1000.	200.0	H	303.0	4.4
10611.4000	47.32	---	74.00	26.68	1.0	1000.	100.0	H	267.0	7.6
10611.4000	---	37.55	54.00	16.45	1.0	1000.	100.0	H	267.0	7.6
16309.8000	---	42.43	54.00	11.57	1.0	1000.	200.0	H	209.0	16.1
16309.8000	53.74	---	74.00	20.26	1.0	1000.	200.0	H	209.0	16.1

Note:

1. Emission level (peak or average)=Raw value by receiver + Corr (Antenna factor+ cable loss- preamplifier gain)
2. The raw value is used to calculate by software which is not shown in the sheet.
3. Margin=limit value – emission level.



Final Result 1

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Band width (kHz)	Height (cm)	Pol	Azimu th (deg)	Corr. (dB)
1278.60000	---	34.09	54.00	19.91	1.0	1000.	200.0	V	42.0	1.9
1278.60000	44.39	---	74.00	29.61	1.0	1000.	200.0	V	42.0	1.9
1958.60000	44.84	---	74.00	29.16	1.0	1000.	200.0	V	124.0	2.9
1958.60000	---	34.73	54.00	19.27	1.0	1000.	200.0	V	124.0	2.9
2986.40000	---	35.57	54.00	18.43	1.0	1000.	200.0	V	108.0	1.9
2986.40000	46.83	---	74.00	27.17	1.0	1000.	200.0	V	108.0	1.9
5977.20000	---	33.71	54.00	20.29	1.0	1000.	100.0	V	120.0	2.0
5977.20000	48.58	---	74.00	25.42	1.0	1000.	100.0	V	120.0	2.0
10350.4000	48.59	---	74.00	25.41	1.0	1000.	100.0	V	302.0	7.8
10350.4000	---	38.46	54.00	15.54	1.0	1000.	100.0	V	302.0	7.8
15058.0000	---	40.97	54.00	13.03	1.0	1000.	200.0	V	42.0	13.6
15058.0000	50.44	---	74.00	23.56	1.0	1000.	200.0	V	42.0	13.6

Note:

1. Emission level (peak or average) = Raw value by receiver + Corr (Antenna factor+ cable loss- preamplifier gain)
2. The raw value is used to calculate by software which is not shown in the sheet.
3. Margin=limit value – emission level.

6.2. AC Conducted Emission

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 with the band 150 kHz to 30MHz shall not exceed the limits. Both lines of the power mains connected to the EUT were checked for maximum conducted interference. Tested in accordance with the procedures of ANSI C63.4-2014, section 7.3

Limit of AC Conducted Emission

Frequency Range (MHz)	Conducted Limit (dBuV)	
	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		

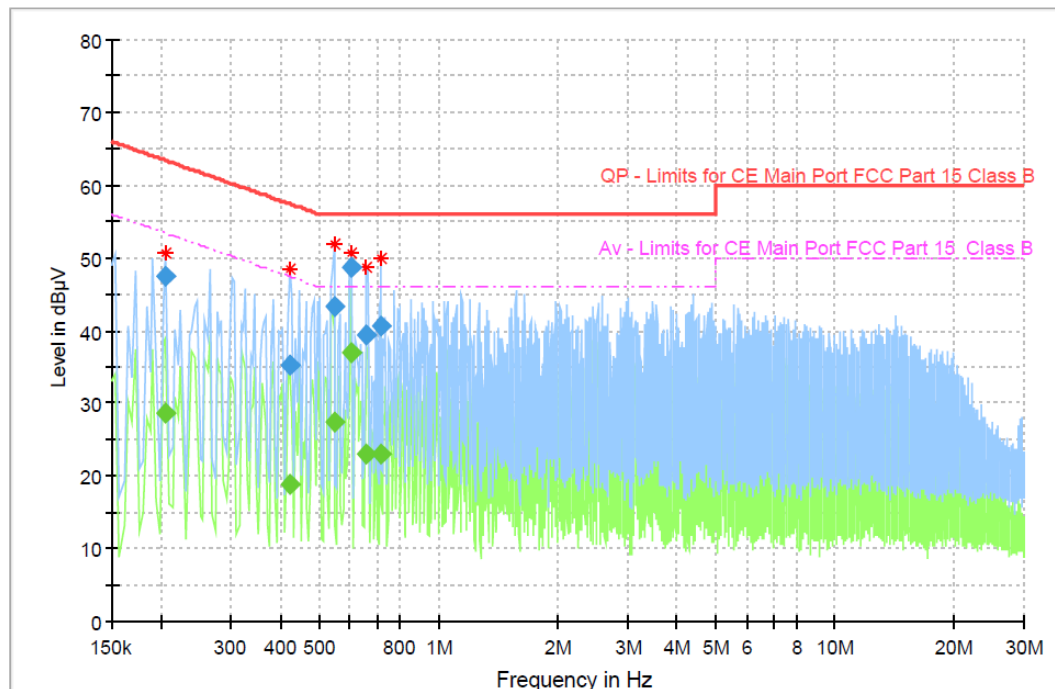
Test Condition in Charging Mode

Voltage (V)	Frequency (Hz)	RBW	Sweep Time (s)
120	60	9 kHz	Auto

Test Results

N07(Mainly Supply):

Mode 4: GSM 850 receiver <Figure 2>



Final Result 1

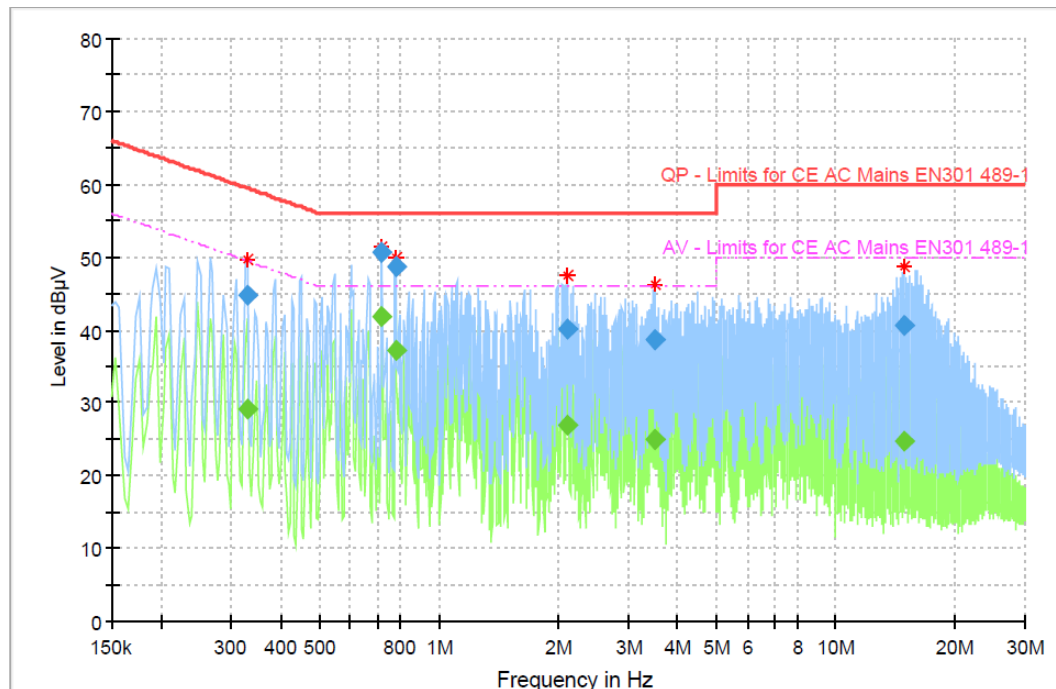
Frequency (MHz)	QuasiPeak (dB μ V)	Average (dB μ V)	Limit (dB μ V)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.205969	47.40	---	63.37	15.97	15000.0	9.000	N	ON	9.6
0.205969	---	28.56	53.37	24.80	15000.0	9.000	N	ON	9.6
0.422381	35.30	---	57.40	22.11	15000.0	9.000	L1	ON	9.6
0.422381	---	18.85	47.40	28.55	15000.0	9.000	L1	ON	9.6
0.545513	---	27.44	46.00	18.56	15000.0	9.000	L1	ON	9.6
0.545513	43.34	---	56.00	12.66	15000.0	9.000	L1	ON	9.6
0.605213	---	37.00	46.00	9.00	15000.0	9.000	N	ON	9.6
0.605213	48.59	---	56.00	7.41	15000.0	9.000	N	ON	9.6
0.661181	---	23.10	46.00	22.90	15000.0	9.000	L1	ON	9.6
0.661181	39.35	---	56.00	16.65	15000.0	9.000	L1	ON	9.6
0.717150	---	22.88	46.00	23.12	15000.0	9.000	L1	ON	9.6
0.717150	40.61	---	56.00	15.39	15000.0	9.000	L1	ON	9.6

Note:

1. Emission level(quasi-peak or Average peak)=Raw value by receiver + Corr(Insertion loss+ cable loss)
2. The raw value is used to calculate by software which is not shown in the sheet.
3. Margin=limit value – emission level.
4. L1 and N line is all have been tested, the result of them is synthesized in the above data diagram.

N09(Secondary Supply):

Mode 4: GSM 850 receiver <Figure 2>



Final Result 1

Frequency (MHz)	QuasiPeak (dB μ V)	Average (dB μ V)	Limit (dB μ V)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.329100	44.75	---	59.47	14.72	15000.0	9.000	N	ON	9.9
0.329100	---	29.09	49.47	20.38	15000.0	9.000	N	ON	9.9
0.720881	---	41.93	46.00	4.07	15000.0	9.000	N	ON	10.0
0.720881	50.54	---	56.00	5.46	15000.0	9.000	N	ON	10.0
0.780581	---	37.13	46.00	8.87	15000.0	9.000	L1	ON	10.3
0.780581	48.73	---	56.00	7.27	15000.0	9.000	L1	ON	10.3
2.120100	40.07	---	56.00	15.93	15000.0	9.000	L1	ON	10.5
2.120100	---	26.82	46.00	19.18	15000.0	9.000	L1	ON	10.5
3.511856	---	24.95	46.00	21.05	15000.0	9.000	L1	ON	10.6
3.511856	38.55	---	56.00	17.45	15000.0	9.000	L1	ON	10.6
14.843663	---	24.67	50.00	25.33	15000.0	9.000	L1	ON	11.9
14.843663	40.69	---	60.00	19.31	15000.0	9.000	L1	ON	11.9

Note:

1. Emission level(quasi-peak or Average peak)=Raw value by receiver + Corr(Insertion loss+ cable loss)
2. The raw value is used to calculate by software which is not shown in the sheet.
3. Margin=limit value – emission level.
4. L1 and N line is all have been tested, the result of them is synthesized in the above data diagram.

7. Test Equipment List

7.1. Radiated Emission Equipment list

Item	Equipment Name	Type	Serial Number	Manufacturer	Cal. Date	Cal. interval
1	Universal Radio Communication Tester	CMU200	123102	R&S	2021-05-10	1 year
2	Universal Radio Communication Tester	CMW500	104178	R&S	2021-05-10	1 year
3	Test Receiver	ESU40	100307	R&S	2021-03-03	1 year
4	Trilog Antenna	VULB9163	VULB9163-515	Schwarzbeck	2021-02-03	2 years
5	Double Ridged Guide Antenna	ETS-3117	00135890	ETS	2020-02-28	2 years
6	Vector signal generator	SMBV100A	257904	R&S	2021-05-10	1 year
7	EMI Test Software	EMC32 V9.15	N/A	R&S	N/A	N/A

7.2. AC Conducted Emission Equipment list

Item	Equipment Name	Type	Serial Number	Manufacturer	Cal. Date	Cal. interval
1	Universal Radio Communication Tester	CMU200	123102	R&S	2021-05-10	1 year
2	Universal Radio Communication Tester	CMW500	104178	R&S	2021-05-10	1 year
3	Test Receiver	ESCI	101235	R&S	2021-05-10	1 year
4	2-Line V-Network	ENV216	101380	R&S	2021-03-20	1 year
5	Vector signal generator	SMBV100A	257904	R&S	2021-05-10	1 year
6	EMI Test Software	EMC32 V10.35.02	N/A	R&S	N/A	N/A

Annex A: Measurement Uncertain

This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of $k=2$.

Case	Uncertainty
Radiated Emission 30MHz-1000MHz	4.96 dB
Radiated Emission 1000MHz-18000MHz	5.18 dB
AC Conducted Emission	3.66 dB

Annex B: Accreditation Certificate



Accredited Laboratory

A2LA has accredited

INDUSTRIAL INTERNET INNOVATION CENTER (SHANGHAI) CO., LTD.

Shanghai, People's Republic of China

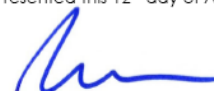
for technical competence in the field of

Electrical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 General requirements for the competence of testing and calibration laboratories. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated April 2017).



Presented this 12th day of April 2021.



Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 3682.01
Valid to February 28, 2023

For the tests to which this accreditation applies, please refer to the laboratory's Electrical Scope of Accreditation.

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