

VARIANT RADIO TEST REPORT

(FCC Part 15 Subpart C)

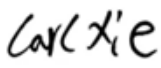
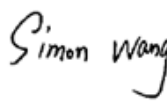
Applicant:	Honeywell International Inc
Address:	9680 Old Bailes Road, Fort Mill, SC 29707 United States

Manufacturer:	Honeywell International Inc
Address:	9680 Old Bailes Road, Fort Mill, SC 29707 United States
Product:	Mobile Computer
Brand Name:	Honeywell
Model Name:	CT45-L1N-G
FCC ID:	HD5-CT45L1NG
Date of tests:	Dec, 25, 2025 ~ Apr. 01, 2026

The tests have been carried out according to the requirements of the following standard:

- ☒ **Part 15 Subpart C §15. 225**
- ☒ **RSS-Gen Issue 5, Amendment 2 (February 2021)**
- ☒ **ANSI C63.10-2020**

CONCLUSION: The submitted sample was found to COMPLY with the test requirement

Prepared by Carl Xie Engineer / Mobile Department	Approved by Simon Wang Manager / Mobile Department
	
Date: Apr. 01, 2026	Date: Apr. 01, 2026

Boomwave Test (Shenzhen) Co., Ltd. tested the above equipment in accordance with the requirements set forth in the above standards. The test results show that the equipment tested is capable of demonstrating compliance with the requirements as documented in this report. The results documented in this report apply only the tested sample, under the conditions and modes of operation as described herein. It is the manufacturer's responsibility assure that additional production units of the model are manufactured with identical electrical and mechanical components. All sample tested were in good operating condition throughout the entire test program. Measurement Uncertainties are published for informational purposes only and were not taken into account unless noted otherwise. without written approval of Boomwave Test (Shenzhen) Co., Ltd., the test report shall not be reproduced except in full.

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Test Report No.: RF20251225B001-Part 15.225_NFC Report

REPORT REVISE RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
W7L-P21080006RF11	Original release	Aug. 31, 2021
W7L-P21040030RF11	Based on the original report W7L-P21080006RF11 Changed LCM to screen HD(1280*720), removing a 2nd BLE and Supercap, Increase the RTC battery, Detail refer to Product Equality Declaration	Sep. 09, 2021
RF20251225B001-Part 15.225_NFC Report	Based on the report W7L-P21040030RF11 (FCC ID: HD5-CT45L1NG). The new product add alternate parts, the electrical specs of the alternate part is equivalent to the current part. In this report update the SW version, verify Field Strength of Fundamental Emissions and mask, CE and RSE worst case. So this report only update the Fundamental Emissions and mask, CE and RSE worst case data, other data please refer to report W7L-P21040030RF11.	Apr. 01, 2026



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SUMMARY OF TEST RESULT

FCC Rule	IC Rule	Description	Limit	Result	Remark
-	RSS-Gen 6.7	99% Bandwidth	-	See note	-
15.225(a)(b)(c)	RSS-210 Annex B.6	Field Strength of Fundamental Emissions	15.225(a)(b)(c) RSS-210 Annex B.6	Pass	-
15.215	-	20dB Spectrum Bandwidth	15.215	See note	-
15.225(d) 15.209	RSS-210 Annex B.6	Radiated Emission	15.225(d) & 15.209 RSS-210 Annex B.6	Pass	-
15.207	RSS-GEN 8.8	AC Conducted Emission	15.207(a)	Pass	
15.225(e)	Annex B.6	Frequency Stability	< ±100 ppm	See note	-
15.203	RSS-Gen 6.8	Antenna Requirement	N/A	See note	-

NOTE: Please refer to report W7L-P21040030RF11 (FCC ID: HD5-CT45L1NG).

*Test Lab Information Reference

Lab A:

Boomwave Test (Shenzhen) Co., Ltd.

Lab Address:

Rm B38, Warehouse A5(Chiwan #1), #3 Chiwan 4th Rd, Chiwan Comm, Zhaoshang St, Nanshan Dist, Shenzhen, Guangdong, Shenzhen, China

Accredited Test Lab Cert 7607.01

The FCC Site Registration No. is 646781; The Designation No. is CN1429.

1 GENERAL DESCRIPTION

1.1 GENERAL DESCRIPTION OF EUT

Items	Description
Tx/Rx Frequency Range	13.559MHZ-13.561MHZ
Channel Number	1
20dBW	2.704 kHz
99%OBW	2.297 kHz
Antenna Type	Loop Antenna
Type of Modulation	ASK
HW VERSION	V1.0
SW VERSION	OS.11.003-HON.11.003

Remark:1. The above EUT's information was declared by manufacturer. Please refer to the specifications or user's manual for more detailed description.

2. Antenna gain and EUT conducted cable loss are provided by the customer, and the laboratory will record the results based on these items that involve these two parameters.

3. This product includes the following six SKU which hardware is exactly same, the difference is described as following, Sample 1 was full test, sample 2 verify the worst case, check worst case Radiated emission:

SAMPLE	EUT CONFIGURATION INFORMATION
1	SKU ID:CT45-L1N-27D120G ,Assembled Scanner Imager: 7-S0703
2	SKU ID:CT45-L1N-28D120G ,Assembled Scanner Imager: 8 - N6803/S0803
3	SKU ID: CT45-L1N-28D120T, Assembled with Scanner: 8 - N6803/S0803 for Turkey Only
4	SKU ID: CT45-L1N-27D120T, Assembled with Scanner: 7-S0703 for Turkey Only
5	SKU ID:CT45-L1N-28D220C, Assembled with Scanner: 8 - N6803/S0803 for China Only with Android non-GMS
6	SKU ID:CT45-L1N-27D220C, Assembled with Scanner: 7-S0703 for China Only with Android non-GMS

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3. List of Accessory:

ACCESSORIES	BRAND	MODEL	SPECIFICATION
Battery	Honeywell	CT50-BTSC	Capacity : 3.85vdc 4020mAh
AC Adapter	HONOR	ADS-12B-06 05010E	I/P:100-240Vac, 0.3A O/P: 5Vdc, 2A
USB Cable	Honeywell	CT40-SN	Shielded, 1.25meter
Earphone	VIVO	N/A	Shielded, 1.27meter
LCD Panel	TZD	TS5099	5.0" HD(1280*720)



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1.2 MODIFICATION OF EUT

No modifications are made to the EUT during all test items.

1.3 APPLICABLE STANDARDS

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- ♦ FCC Part 15 Subpart C §15.225
- ♦ ANSI C63.10-2020
- ♦ RSS-210 Issue 10
- ♦ RSS-Gen Issue 5

2 TEST CONFIGURATION OF EQUIPMENT UNDER TEST

2.1 DESCRIPTIONS OF TEST MODE

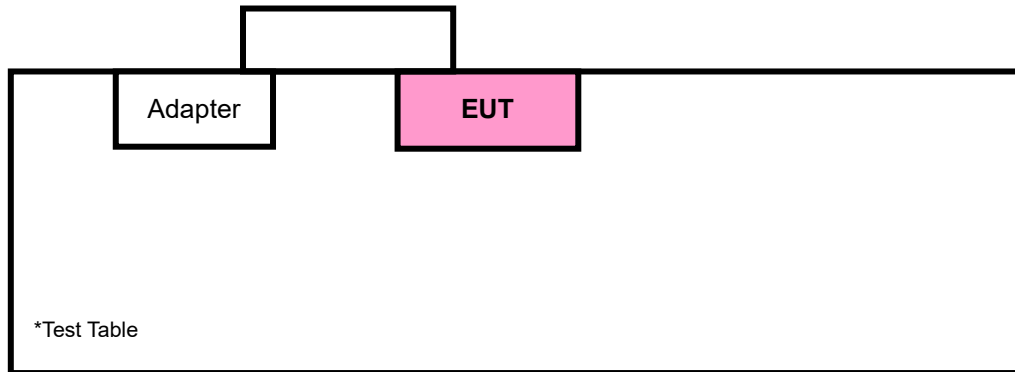
Investigation has been done on all the possible configurations for searching the worst cases. The following table is a list of the test modes shown in this test report.

Test Items	
AC Power Line Conducted Emissions	Field Strength of Fundamental Emissions
20dB Spectrum Bandwidth	Frequency Stability
Radiated Emissions 9kHz~30MHz	Radiated Emissions 30MHz~1GHz
Note: 1. The EUT was programmed to be in continuously transmitting mode. 2. The ancillary equipment, NFC card, is used to make the EUT (NFC) continuously transmit at 13.56MHz and is placed around 3 cm gap to the EUT. 3. Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, work in modes and data rates. Selected for the final test as listed below.	

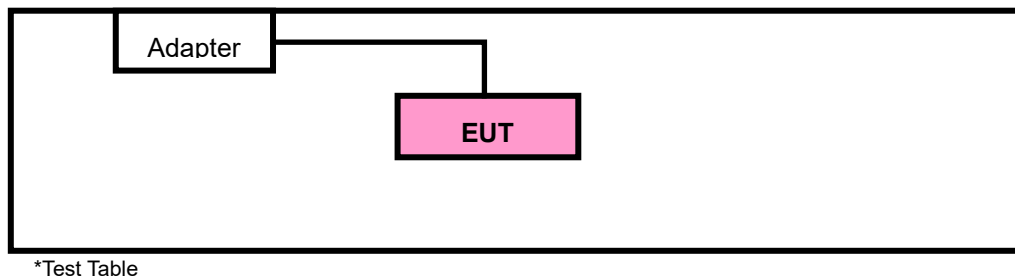
Frequency	Work in Modes	Type	Data Rate (Kbps)
13.56 MHz	☐ Card Emulation ☒ Reader/Writer ☐ Peer-to-Peer	☐ A ☐ B ☒ F ☐ V	☐ 106 ☒ 212 ☐ 424 ☐ 848
Remark: The mark" ☒ " means is chosen for testing; The mark" ☐ " means is not chosen for testing.			

2.2 TEST CONFIGURATIONS

<AC Conducted Emissions>



< For Fundamental Emissions and Mask and Radiated Emissions Measurement >



* Kept in a remote area

2.3 SUPPORT EQUIPMENT

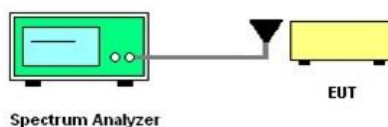
NO.	PRODUCT	BRAND	MODEL NO.	SERIAL NO.	FCC ID
1	N/A	N/A	N/A	N/A	N/A

2.4 TEST SETUP

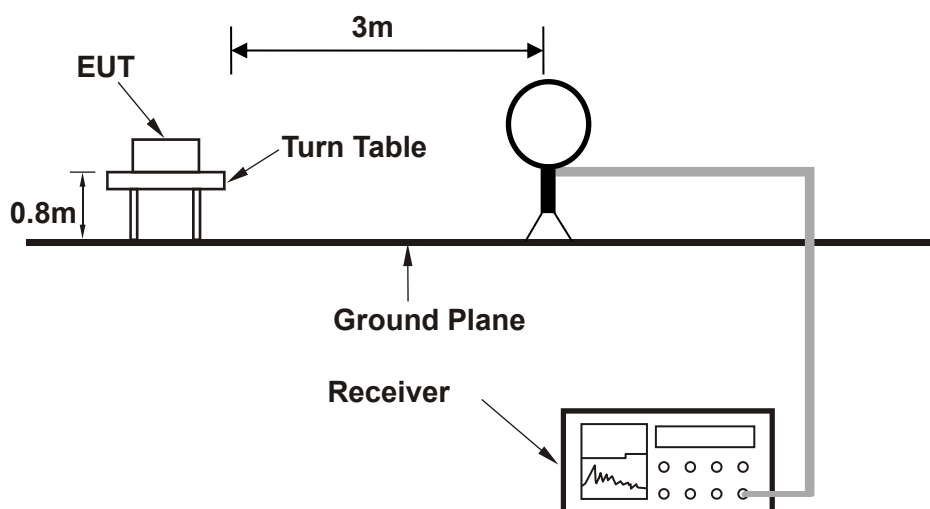
The EUT is continuously communicating during the tests.

EUT was set in the Hidden menu mode to enable NFC communications.

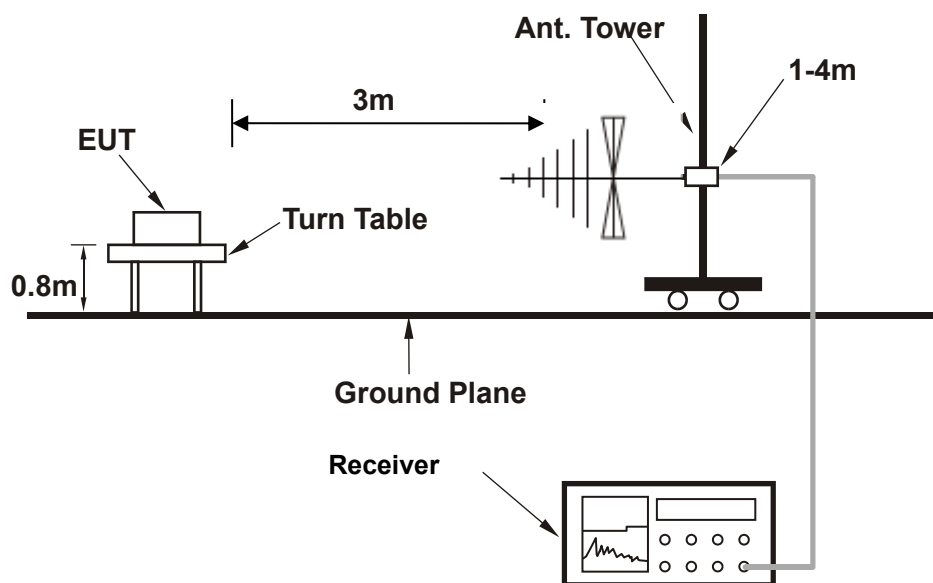
Setup diagram for Conducted Test



Setup diagram for Radiation(9KHz~30MHz) Test



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Setup diagram for Radiation(Below 1G) Test



2.5 MEASUREMENT RESULTS EXPLANATION EXAMPLE

For all conducted test items:

The offset level is set in the spectrum analyzer to compensate the RF cable loss and attenuator factor between EUT conducted output port and spectrum analyzer. With the offset compensation, the spectrum analyzer reading level is exactly the EUT RF output level.

Example:

The spectrum analyzer offset is derived from RF cable loss and attenuator factor.

Offset = RF cable loss + attenuator factor.

Following shows an offset computation example with cable loss 5 dB and 10dB attenuator.

$$\begin{aligned}\text{Offset(dB)} &= \text{RF cable loss(dB)} + \text{attenuator factor(dB)} \\ &= 5 + 10 = 15 \text{ (dB)}\end{aligned}$$

3 TEST RESULT

3.1 FIELD STRENGTH OF FUNDAMENTAL EMISSIONS AND MASK MEASUREMENT

3.1.1 LIMIT OF FIELD STRENGTH OF FUNDAMENTAL EMISSIONS AND MASK

Rules and specifications	FCC CFR 47 Part 15 section 15.225			
	IC RSS-210 B.6			
Description	Compliance with the spectrum mask is tested with RBW set to 9kHz.			
Freq. of Emission (MHz)	Field Strength (μV/m) at 30m	Field Strength (dBμV/m) at 30m	Field Strength (dBμV/m) at 10m	Field Strength (dBμV/m) at 3m
1.705~13.110	30	29.5	48.58	69.5
13.110~13.410	106	40.5	59.58	80.5
13.410~13.553	334	50.5	69.58	90.5
13.553~13.567	15848	84.0	103.08	124.0
13.567~13.710	334	50.5	69.58	90.5
13.710~14.010	106	40.5	59.58	80.5
14.010~30.000	30	29.5	48.58	69.5

3.1.2 TEST PROCEDURES

1. Configure the EUT according to ANSI C63.10. The EUT was placed on the top of the turntable 0.8 meter above ground. The phase center of the loop receiving antenna mounted antenna tower was placed 3 meters far away from the turntable.
1. Power on the EUT and all the supporting units. The turntable was rotated by 360 degrees to determine the position of the highest radiation.
2. The height of the receiving antenna was fixed at one meter above ground to find the maximum emissions field strength.
3. For Fundamental emissions, use the receiver to measure QP reading.
4. When the radiated emissions limits are expressed in terms of the average value of the emissions, and pulsed operation is employed, the measurement field strength shall be determined by averaging over one complete pulse train, including blanking intervals, as long as the pulse train does not exceed 0.1 seconds. As an alternative (provided the transmitter operates for longer than 0.1 seconds) or in cases where the pulse train exceeds 0.1 seconds, the measured field strength shall be determined from the average absolute voltage during a 0.1 second interval during which the field strength is at its maximum value.
5. Compliance with the spectrum mask is tested with RBW set to 9kHz.
Note: Emission level (dBμV/m) = 20 log Emission level (μV/m).

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3.1.3 TEST RESULTS OF FIELD STRENGTH OF FUNDAMENTAL EMISSIONS AND MASK (1.705 MHz ~ 30 MHz)

Test Mode :	NFC (13.56 MHz)	Temperature :	23℃
Test Engineer :	Carl Xie	Relative Humidity :	50%
Frequency Range	13.11MHz~14.01MHz	Polarization :	Horizontal

Rg	Frequency [MHz]	PK+ Level [dBμV/m]	PK+: QPK Limit [dBμV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
3	13.560	49.29	124.00	74.71	20.26	H	1	1.00



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Test Report No.: RF20251225B001-Part 15.225_NFC Report

Test Mode :	NFC (13.56 MHz)	Temperature :	23°C
Test Engineer :	Carl Xie	Relative Humidity :	50%
Frequency Range	13.11MHz~14.01MHz	Polarization :	Vertical

Rg	Frequency [MHz]	PK+ Level [dBμV/m]	PK+: QPK Limit [dBμV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
3	13.560	49.29	124.00	74.71	20.26	V	359	1.00



3.2 RADIATED EMISSIONS MEASUREMENT

3.2.1 LIMIT

The field strength of any emissions which appear outside of 13.110 ~14.010MHz band shall not exceed the general radiated emissions limits.

Frequencies (MHz)	Field Strength ($\mu\text{V/m}$)	Measurement Distance (meters)
0.009~0.490	2400/F(kHz)	300
0.490~1.705	24000/F(kHz)	30
1.705~30.0	30	30
30~88	100	3
88~216	150	3
216~960	200	3
Above 960	500	3

3.2.2 MEASURING INSTRUMENT SETTING

The following table is the setting of receiver.

Receiver Parameter	Setting
Attenuation	Auto
Frequency Range: 9kHz~150kHz	RBW 200Hz for QP
Frequency Range: 150kHz~30MHz	RBW 9kHz for QP
Frequency Range: 30MHz~1000MHz	RBW 120kHz for Peak

Note: The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90 kHz, 110-490 kHz. Radiated emission limits in these two bands are based on measurements employing an average detector.

3.2.3 TEST PROCEDURES

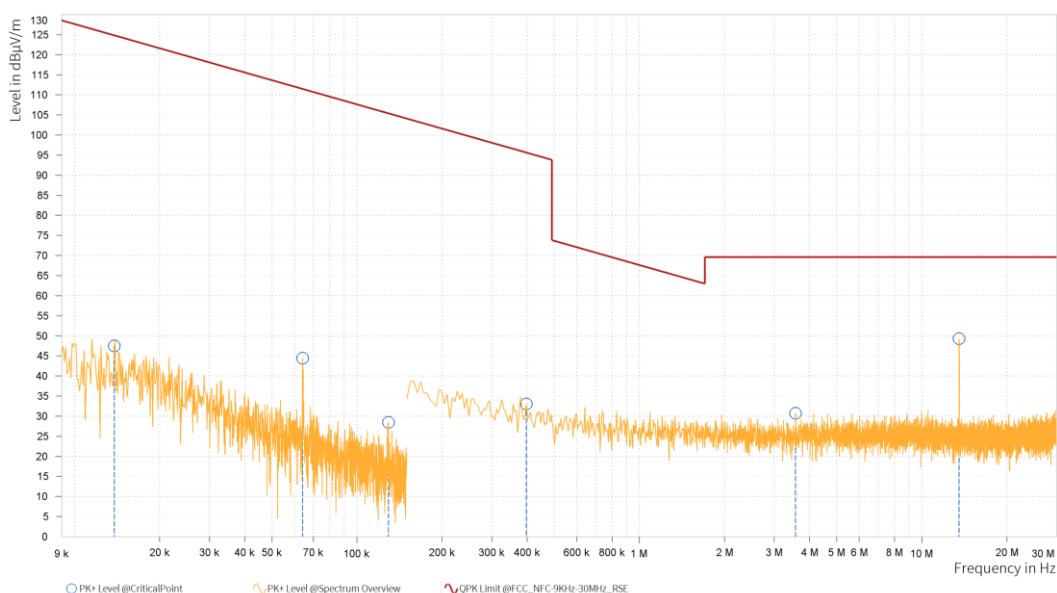
1. Configure the EUT according to ANSI C63.10. The EUT was placed on the top of the turntable 0.8 meter above ground. The phase center of the receiving antenna mounted on the top of a height-variable antenna tower was placed 3 meters far away from the turntable.
2. Power on the EUT and all the supporting units. The turntable was rotated by 360 degrees to determine the position of the highest radiation.
3. The height of the broadband receiving antenna was varied between one meter and four meters above ground to find the maximum emissions field strength of both horizontal and vertical polarization.
4. For each suspected emissions, the antenna tower was scan (from 1 M to 4 M) and then the turntable was rotated (from 0 degree to 360 degrees) to find the maximum reading.
5. Set the test-receiver system to Peak or CISPR quasi-peak Detect Function with specified bandwidth under Maximum Hold Mode.
6. When the radiated emissions limits are expressed in terms of the average value of the emissions, and pulsed operation is employed, the measurement field strength shall be determined by averaging over one complete pulse train, including blanking intervals, as long as the pulse train does not exceed 0.1 seconds. As an alternative (provided the transmitter operates for longer than 0.1 seconds) or in cases where the pulse train exceeds 0.1 seconds, the measured field strength shall be determined from the average absolute voltage during a 0.1 second interval during which the field strength is at its maximum value.
7. In case the emission is lower than 30MHz, loop antenna has to be used for measurement and the recorded data should be QP measured by receiver.

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3.2.4 TEST RESULTS OF RADIATED EMISSIONS (9 KHZ ~ 30 MHZ)

Test Mode :	NFC (13.56 MHz)	Temperature :	23°C
Test Engineer :	Carl Xie	Relative Humidity :	50%
Frequency Range	9 KHz ~ 30 MHz	Polarization :	Horizontal

Rg	Frequency [MHz]	PK+ Level [dBμV/m]	PK+: QPK Limit [dBμV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
1	0.014	47.48	124.81	77.33	20.19	V	1	1.00
1	0.064	44.47	111.45	66.98	20.55	V	1	1.00
1	0.129	28.50	105.39	76.89	20.41	V	359	1.00
2	0.398	33.03	95.62	62.59	20.36	V	359	1.00
2	3.575	30.73	69.54	38.81	20.38	V	1	1.00
2	13.560	49.29	69.54	20.25	20.26	V	359	1.00



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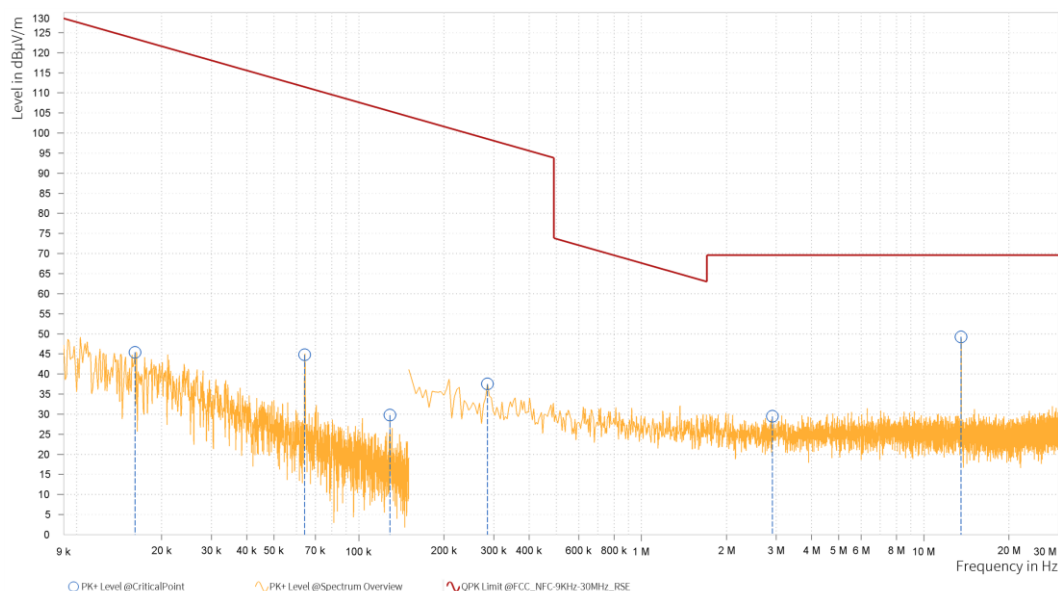
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Test Report No.: RF20251225B001-Part 15.225_NFC Report

Test Mode :	NFC (13.56 MHz)	Temperature :	23°C
Test Engineer :	Carl Xie	Relative Humidity :	50%
Frequency Range	9 KHz ~ 30 MHz	Polarization :	Vertical

Rg	Frequency [MHz]	PK+ Level [dBμV/m]	PK+: QPK Limit [dBμV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
1	0.016	45.42	123.47	78.05	20.26	V	359.5	1.00
1	0.064	44.81	111.45	66.64	20.55	V	359.5	1.00
1	0.129	29.74	105.43	75.69	20.41	V	359.5	1.00
2	0.285	37.51	98.51	61.00	20.33	V	359.5	1.00
2	2.909	29.45	69.54	40.09	20.34	V	359.5	1.00
2	13.560	49.26	69.54	20.28	20.26	V	359.5	1.00

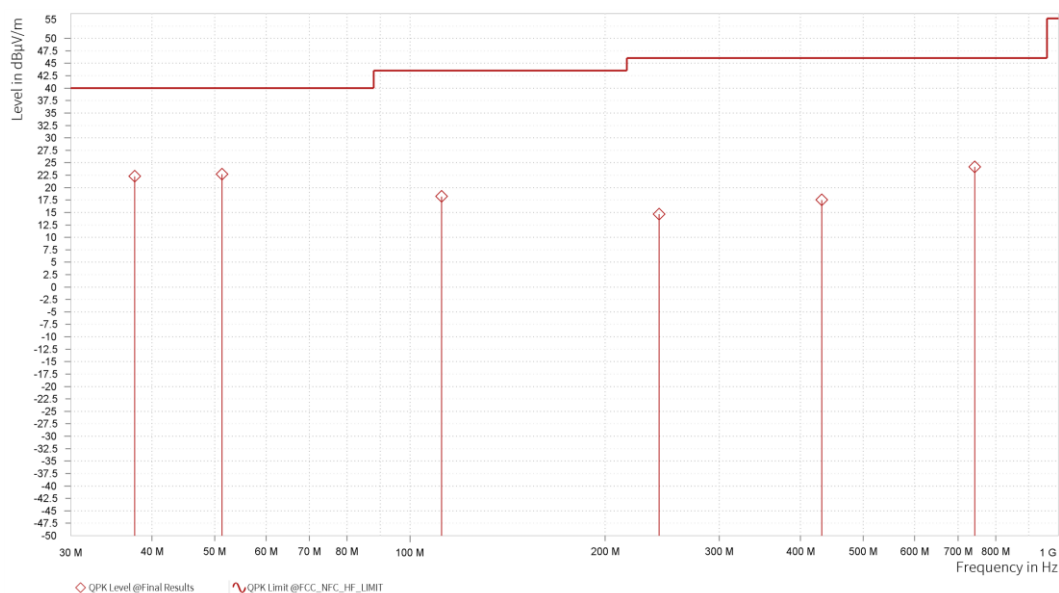


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3.2.5 TEST RESULT OF RADIATED SPURIOUS EMISSION (30MHZ ~ 1GHZ)

Test Mode :	NFC (13.56MHz)	Temperature :	23°C
Test Engineer :	Carl Xie	Relative Humidity :	50%
Frequency Range	30MHz~1GHz	Polarization :	Horizontal

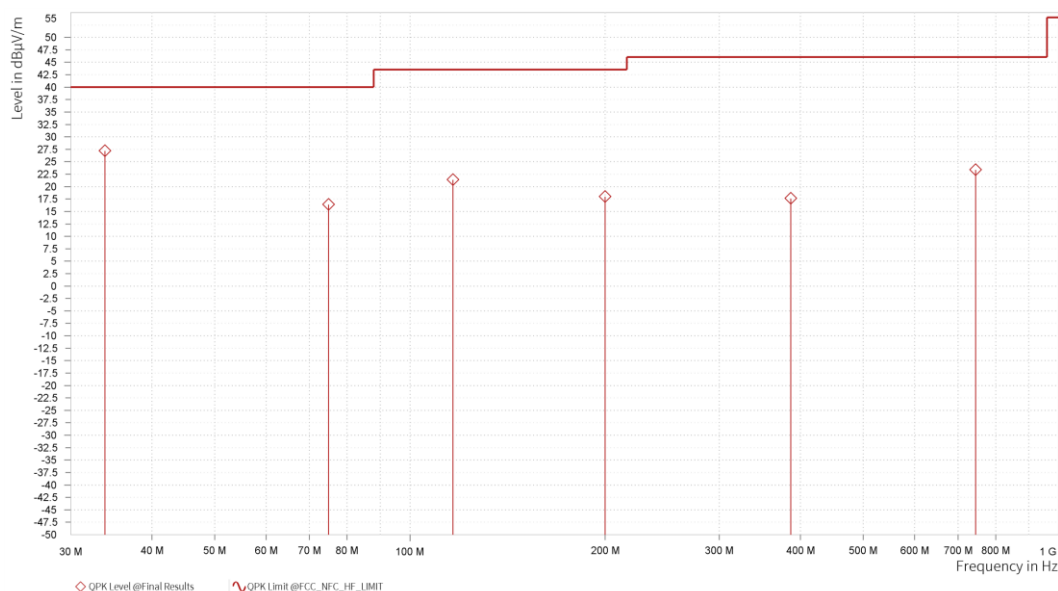
Rg	Frequency [MHz]	QPK Level [dBμV/m]	QPK Limit [dBμV/m]	QPK Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]	Meas. BW [kHz]
1	37.628	22.26	40.00	17.74	-11.73	H	0.9	2.00	120.000
1	51.340	22.69	40.00	17.31	-10.05	H	359	2.00	120.000
1	111.921	18.22	43.50	25.28	-12.62	H	359	1.00	120.000
1	242.165	14.65	46.00	31.35	-9.16	H	274.2	1.00	120.000
1	431.315	17.49	46.00	28.51	-4.57	H	85.8	2.00	120.000
1	742.465	24.16	46.00	21.84	-0.84	H	85.8	2.00	120.000



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Test Mode :	NFC (13.56MHz)	Temperature :	23℃
Test Engineer :	Carl Xie	Relative Humidity :	50%
Frequency Range	30MHz~1GHz	Polarization :	Vertical

Rg	Frequency [MHz]	QPK Level [dBμV/m]	QPK Limit [dBμV/m]	QPK Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]	Meas. BW [kHz]
1	33.880	27.18	40.00	12.82	-12.93	V	275.3	1.00	120.000
1	74.885	16.38	40.00	23.62	-15.90	V	225.7	2.00	120.000
1	116.506	21.38	43.50	22.12	-13.35	V	4.8	1.00	120.000
1	199.970	17.98	43.50	25.52	-11.09	V	355.1	2.00	120.000
1	386.740	17.63	46.00	28.37	-4.62	V	1	1.00	120.000
1	745.331	23.36	46.00	22.64	-0.80	V	1	1.00	120.000



3.3 AC CONDUCTED EMISSION MEASUREMENT

3.3.1 LIMIT OF AC CONDUCTED EMISSION

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 in the following table.

Frequency of Emission (MHz)	Conducted Limit (dB μ V)	
	Quasi-Peak	Average
0.15-0.5	66 to 56*	56 to 46*
0.5-5	56	46
5-30	60	50

*Decreases with the logarithm of the frequency.

3.3.2 TEST PROCEDURES

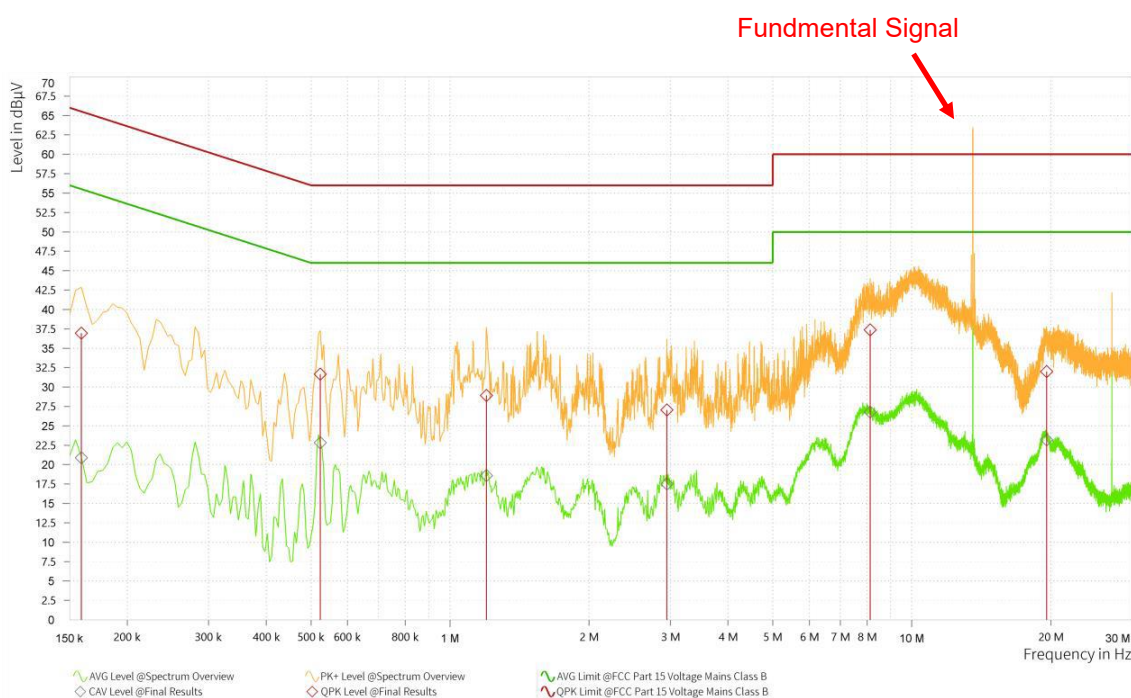
1. The EUT was placed 0.4 meter from the conducting wall of the shielding room, and it was kept at least 80 centimeters from any other grounded conducting surface.
2. Connect EUT to the power mains through a line impedance stabilization network (LISN).
3. All the support units are connecting to the other LISN.
4. The LISN provides 50 ohm coupling impedance for the measuring instrument.
5. The FCC states that a 50 ohm, 50 microhenry LISN should be used.
6. Both sides of AC line were checked for maximum conducted interference.
7. The frequency range from 150 kHz to 30 MHz was searched.
8. Set the test-receiver system to Peak Detect Function and specified bandwidth (IF Bandwidth = 9kHz) with Maximum Hold Mode. Then measurement is also conducted by Average Detector and Quasi-Peak Detector Function respectively.

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3.3.3 TEST RESULT OF AC CONDUCTED EMISSION

Test Mode :	NFC	Temperature :	26°C
Test Engineer :	Carl Xie	Relative Humidity :	51%
Test Voltage :	120Vac / 60Hz	Phase :	Line
Function Type :	NFC		

Rg	Frequency [MHz]	QPK Level [dBμV]	QPK Limit [dBμV]	QPK Margin [dB]	CAV Level [dBμV]	CAV: AVG Limit [dBμV]	CAV Margin [dB]	Correction [dB]	Line	Meas. BW [kHz]
1	0.159	36.95	65.52	28.57	20.89	55.52	34.63	9.79	L1	9.000
1	0.524	31.65	56.00	24.35	22.82	46.00	23.18	9.75	L1	9.000
1	1.199	28.92	56.00	27.08	18.59	46.00	27.41	9.78	L1	9.000
1	2.949	27.04	56.00	28.96	17.49	46.00	28.51	9.94	L1	9.000
1	8.129	37.38	60.00	22.62	26.77	50.00	23.23	10.65	L1	9.000
1	19.599	32.00	60.00	28.00	23.18	50.00	26.82	13.44	L1	9.000



Boomwave Test (Shenzhen)
Co., Ltd.

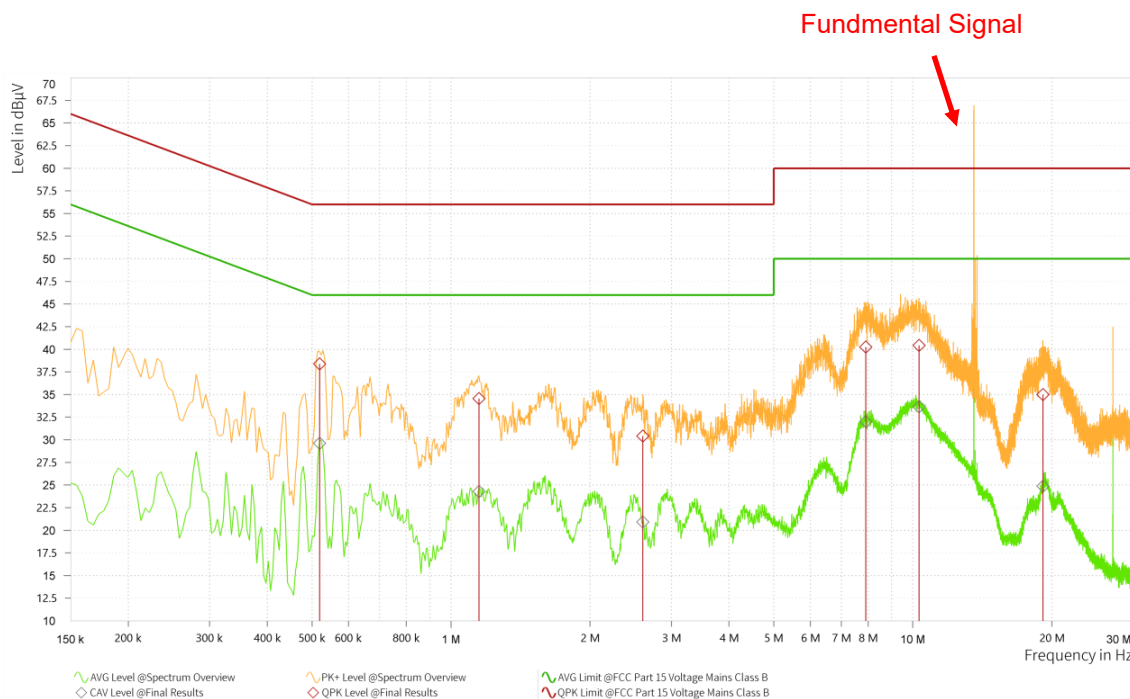
Rm B38, Warehouse A5(Chiwan #1), #3 Chiwan
4th Rd, Chiwan Comm, Zhaoshang St, Nanshan
Dist, Shenzhen, Guangdong, Shenzhen, China

Mobile: +86 15118052731
Email:shimin.wang@boomwavelab.com

Test Report No.: RF20251225B001-Part 15.225_NFC Report

Test Mode :	NFC	Temperature :	26°C
Test Engineer :	Carl Xie	Relative Humidity :	51%
Test Voltage :	AC 120V/60Hz	Phase :	Neutral
Function Type :	NFC		

Rg	Frequency [MHz]	QPK Level [dBμV]	QPK Limit [dBμV]	QPK Margin [dB]	CAV Level [dBμV]	CAV: AVG Limit [dBμV]	CAV Margin [dB]	Correction [dB]	Line	Meas. BW [kHz]
1	0.519	38.38	56.00	17.62	29.60	46.00	16.40	9.75	N	9.000
1	1.149	34.56	56.00	21.44	24.27	46.00	21.73	9.77	N	9.000
1	2.603	30.41	56.00	25.59	20.92	46.00	25.08	9.90	N	9.000
1	7.908	40.24	60.00	19.76	32.03	50.00	17.97	10.61	N	9.000
1	10.320	40.41	60.00	19.59	33.65	50.00	16.35	11.06	N	9.000
1	19.131	34.99	60.00	25.01	24.88	50.00	25.12	13.32	N	9.000





Test Report No.: RF20251225B001-Part 15.225 NFC Report

4 LIST OF MEASURING EQUIPMENT

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
BiConiLog Antenna	ETS-LINDGREN	3143B	161965	2025/7/17	2026/7/16
Preamplifier	Tonscend	TPA001330	806JSAPO40804251015	2025/6/30	2026/6/29
Attenuator 6DB	SHX	TS2-6-6-A	230927166	2025/6/30	2026/6/29
Cable 1	N/A	N/A	N/A	N/A	N/A
MXE EMI Receiver	keysight	N9038B	MY50018017	2025/6/31	2026/6/30
Active Receive Loop Antenna	SCHWARZBECK	FMZB 1519 B	00173	2025/11/29	2026/11/28

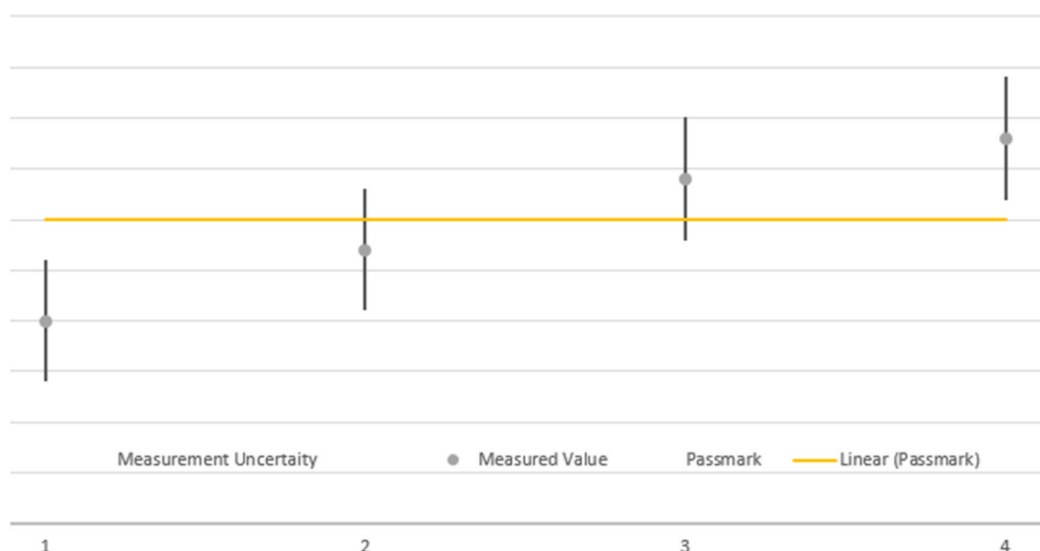
- NOTE:**
1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to CEPREI/CHINA, GRGT/CHINA and NIM/CHINA.
 2. The test was performed in 3m Chamber.
 3. The FCC Site Registration No. is 646781; The Designation No. is CN1429.

5 UNCERTAINTY OF EVALUATION

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

MEASUREMENT	UNCERTAINTY
AC Power Conducted emissions	$\pm 2.70\text{dB}$
Radiated emissions (9KHz~30MHz)	$\pm 2.68\text{dB}$
Radiated emissions (30MHz~1GHz)	$\pm 4.98\text{dB}$
Occupied Channel Bandwidth	$\pm 43.58\text{KHz}$
Frequency Stability	$\pm 76.97\text{Hz}$

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



The verdicts in this test report are given according the above diagram:

Case	Measured Value	Uncertainty Range	Verdict
1	below pass mark	below pass mark	Passed
2	below pass mark	within pass mark	Passed
3	above pass mark	within pass mark	Failed
4	above pass mark	above pass mark	Failed

That means, the laboratory applies, as decision rule (see ISO/IEC 17025:2017), the so-called shared risk principle.



Test Report No.: RF20251225B001-Part 15.225_NFC Report

6 APPENDIX: THE ORIGINAL REPORT

Boomwave Test (Shenzhen)
Co., Ltd.

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