

Prüfbericht-Nr.: Test report no.:	CN2357PS 001	Auftrags-Nr.: Order no.:	170337186	Seite 1 von 22 Page 1 of 22
Kunden-Referenz-Nr.: Client reference no.:	N/A	Auftragsdatum: Order date:	2023-02-27	
Auftraggeber: Client:	Instant Brands LLC 3025 Highland Parkway, Suite 700, Downers Grove, IL 60515, USA			
Prüfgegenstand: Test item:	Electric Pressure Cooker			
Bezeichnung / Typ-Nr.: Identification / Type no.:	PRPC601WE, PRPC601xx (Suffix "xx" is blank or 1-2 code of digits 0-9 and letters A-Z except for "WE", which represent different color or sales market)			
Auftrags-Inhalt: Order content:	TÜV Rheinland FCC&IC service			
Prüfgrundlage: Test specification:	CFR47 FCC Part 15: Subpart C Section 15.225 CFR47 FCC Part 15: Subpart C Section 15.207 CFR47 FCC Part 15: Subpart C Section 15.209 FCC KDB Publication 447498 D01 v06 RSS-210 Issue 10 October 2019 RSS-Gen Issue 5 February 2021 RSS-102 Issue 5 February 2021			
Wareneingangsdatum: Date of sample receipt:	2023-03-13	Please refer to photo documents		
Prüfmuster-Nr.: Test sample no.:	A003441835-001			
Prüfzeitraum: Testing period:	2023-03-13 - 2023-05-06			
Ort der Prüfung: Place of testing:	TÜV Rheinland (Guangdong) Ltd.			
Prüflaboratorium: Testing laboratory:	TÜV Rheinland (Guangdong) Ltd.			
Prüfergebnis*: Test result*:	Pass			
geprüft von: tested by:			genehmigt von: authorized by:	
Datum: Date:	2023-05-06		Ausstellungsdatum: Issue date:	2023-05-05
Stellung / Position:	Amy Wang/SPM		Stellung / Position:	Storm Shu/Reviewer
Sonstiges / Other:	FCC ID: 2BANI-PRPC601			
Zustand des Prüfgegenstandes bei Anlieferung: Condition of the test item at delivery:	Prüfmuster vollständig und unbeschädigt Test item complete and undamaged			
* Legende: P(ass) = entspricht o.g. Prüfgrundlage(n) F(ail) = entspricht nicht o.g. Prüfgrundlage(n) N/A = nicht anwendbar N/T = nicht getestet * Legend: P(ass) = passed a.m. test specification(s) F(ail) = failed a.m. test specification(s) N/A = not applicable N/T = not tested				
Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens. This test report only relates to the above mentioned test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any test mark.				

V05

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Anmerkungen
Remarks

1	Alle eingesetzten Prüfmittel waren zum angegebenen Prüfzeitraum gemäß eines festgelegten Kalibrierungsprogramms unseres Prüfhauses kalibriert. Sie entsprechen den in den Prüfprogrammen hinterlegten Anforderungen. Die Rückverfolgbarkeit der eingesetzten Prüfmittel ist durch die Einhaltung der Regelungen unseres Managementsystems gegeben. Detaillierte Informationen bezüglich Prüfkonditionen, Prüfequipment und Messunsicherheiten sind im Prüflabor vorhanden und können auf Wunsch bereitgestellt werden. <i>The equipment used during the specified testing period was calibrated according to our test laboratory calibration program. The equipment fulfils the requirements included in the relevant standards. The traceability of the test equipment used is ensured by compliance with the regulations of our management system. Detailed information regarding test conditions, equipment and measurement uncertainty is available in the test laboratory and could be provided on request.</i>
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3	Prüfklausel mit der Note * wurden an qualifizierte Unterauftragnehmer vergeben und sind unter der jeweiligen Prüfklausel des Berichts beschrieben. Abweichungen von Prüfspezifikation(en) oder Kundenanforderungen sind in der jeweiligen Prüfklausel im Bericht aufgeführt. <i>Test clauses with remark of * are subcontracted to qualified subcontractors and described under the respective test clause in the report.</i> <i>Deviations of testing specification(s) or customer requirements are listed in specific test clause in the report.</i>
4	Die Entscheidungsregel für Konformitätserklärungen basierend auf numerischen Messergebnissen in diesem Prüfbericht basiert auf der "Null-Grenzwert-Regel" und der "Einfachen Akzeptanz" gemäß ILAC G8:2019 und IEC Guide 115:2021, es sei denn, in der auf Seite 1 dieses Berichts genannten angewandten Norm ist etwas anderes festgelegt oder vom Kunden gewünscht. Dies bedeutet, dass die Messunsicherheit nicht berücksichtigt wird und daher auch nicht im Prüfbericht angegeben wird. Zu weiteren Informationen bezüglich des Risikos durch diese Entscheidungsregel siehe ILAC G8:2019. <i>The decision rule for statements of conformity, based on numerical measurement results, in this test report is based on the "Zero Guard Band Rule" and "Simple Acceptance" in accordance with ILAC G8:2019 and IEC Guide 115:2021, unless otherwise specified in the applied standard mentioned on Page 1 of this report or requested by the customer. This means that measurement uncertainty is not taken in account and hence also not declared in the test report. For additional information to the resulting risk based of this decision rule please refer to ILAC G8:2019.</i>

Test Summary

5.1.1 ANTENNA REQUIREMENT

RESULT: Pass

5.1.2 EMISSION WITHIN BAND

RESULT: Pass

5.1.3 SPURIOUS EMISSION OUTSIDE BAND

RESULT: Pass

5.1.4 FREQUENCY TOLERANCE OF CARRIER SIGNAL

RESULT: Pass

5.1.5 99% BANDWIDTH

RESULT: Pass

5.1.6 20dB BANDWIDTH

RESULT: Pass

5.1.7 CONDUCTED EMISSIONS

RESULT: Pass

6.1.1 ELECTROMAGNETIC FIELDS

RESULT: Pass

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1 General Remarks

1.1 Complementary Materials

None

2 Test Sites

2.1 Test Facilities

TÜV Rheinland (Guangdong) Ltd. EMC Laboratory

No. 110, 1/F., Building B, No.102, 1F of Southwest and No.205, 2F of West Warehouse Building,
No.767 Tianyuan Road, Tianhe District, Guangzhou 510650, Guangdong, P.R.China

FCC Registration No.: CN1207

IC Registration No.: 2932C

2.2 List of Test and Measurement Instruments

Table 1: List of Test and Measurement Equipment

Refer to Appendix 2 for details.

2.3 Traceability

All measurement equipment calibrations are traceable to NIM (National Institute of Metrology) or where calibration is performed in other countries, to equivalent nationally recognized standards organizations.

2.4 Calibration

Equipment requiring calibration is calibrated periodically by the manufacturer or according to manufacturer's specifications. Additionally all equipment is verified for proper performance on a regular basis using in house standards or comparisons.

2.5 Measurement Uncertainty

The estimated combined standard uncertainty for radiated emissions and conducted emissions measurements as below table

Test	Parameters	Expanded uncertainty (U_{lab})	Expanded uncertainty (U_{cispr})
Conducted Emission	Level accuracy (9kHz to 150kHz) (150kHz to 30MHz)	± 216 dB ± 198 dB	± 3.8 dB ± 3.4 dB
Radiated Emission (3m SAC)	Level accuracy (30MHz to 1000MHz)	± 5.34 dB	± 6.3 dB
	Level accuracy (above 1000MHz)	± 4.56 dB	N/A

2.6 Location of Original Data

The original copies of all test data taken during actual testing were in this report and delivered to the applicant. A copy has been retained in the TÜV Rheinland (Shenzhen) file for certification follow-up purposes.

2.7 Status of Facility Used for Testing

No. 110, 1/F., Building B, No.102, 1F of Southwest and No.205, 2F of West Warehouse Building, No.767 Tianyuan Road, Tianhe District, Guangzhou 510650, Guangdong, P.R.China is listed on the US Federal Communications Commission list of facilities approved to perform measurements.

3 General Product Information

The EUTs as below list are Portable Class I pressure cooker intended for household and indoor use only.

PRPC601WE, PRPC601xx

(Suffix "xx" is blank or 1-2 code of digits 0-9 and letters A-Z except for "WE", which represent different color or sales market)

Model PRPC601WE have the same electronic designed as model PRPC601xx except for model name. All of models used the same NFC module (13.56MHz).

Therefore all tests were performed on one representative model PRPC601WE.

3.1 Product Function and Intended Use

For details refer to the User Manual, Technical Description and Circuit Diagram.

3.2 Ratings and System Details

Table 2: Technical Specification of EUT

Technical Specification	Value
Kind of Equipment	Electric Pressure Cooker
Type Designation	Refer to section
FCC ID	2BANI-PRPC601
Trade Mark	Instant Pot®
Operating Frequency	13.56 MHz
Operating Temperature Range	-25 °C ~ +55 °C
Operating Voltage	AC 120V, 60Hz
Rated input	1200W
Type of Modulation	FSK
Antenna Type	inductance coil Antenna
Antenna Gain	2.5dBi

3.3 Independent Operation Modes

The basic operation modes are:

- A. NFC mode
- B. Off

3.4 Noise Generating and Noise Suppressing Parts

Refer to Circuit Diagram for further details.

3.5 Submitted Documents

- | | |
|-----------------|---------------------------|
| - Block Diagram | - Schematics |
| - User Manual | - Model Difference Letter |

4 Test Set-up and Operation Modes

4.1 Principle of Configuration Selection

Emission: The equipment under test (EUT) was configured to measure its highest possible radiation level. The test modes were adapted accordingly in reference to the instructions for use.

Radio Spectrum: The equipment under test (EUT) was configured at its highest power output in order to measure its highest possible radiation and conducted level. The test modes were adapted accordingly in reference to the instructions for use.

4.2 Test Operation and Test Software

Test operation refers to test setup in chapter 5&6. All testing were performed according to the procedures in ANSI C63.10: 2013 & ANSI C63.4: 2014

4.3 Special Accessories and Auxiliary Equipment

N/A.

4.4 Countermeasures to Achieve EMC Compliance

The test sample which has been tested contained the noise suppression parts as described in the Technical Construction File (TCF).

No additional measures were employed to achieve compliance.

4.5 Test Setup Diagram

Diagram of Measurement Configuration for Radiation Test (Below 30MHz)

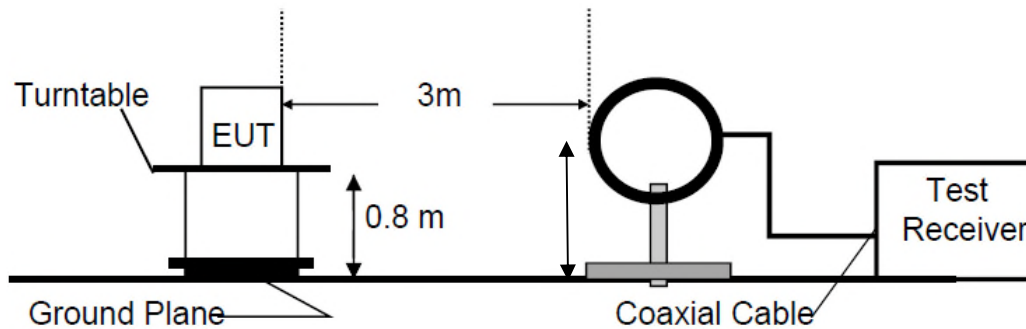


Diagram of Measurement Configuration for Radiation Test (Below 1GHz)

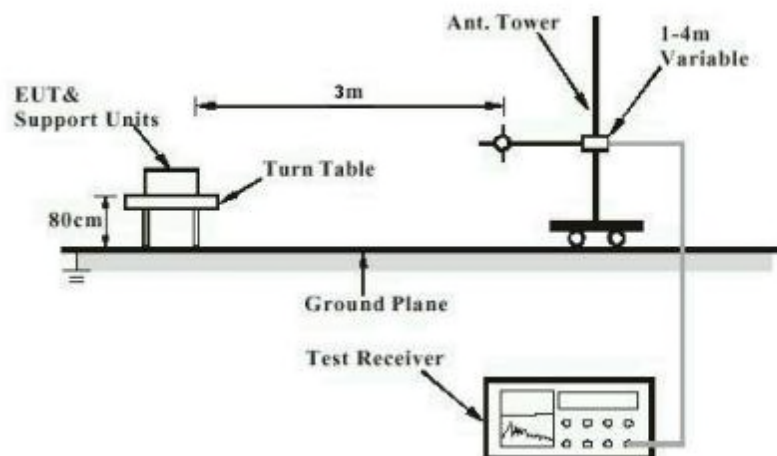


Diagram of Measurement Configuration for Radiation Test (Above 1GHz)

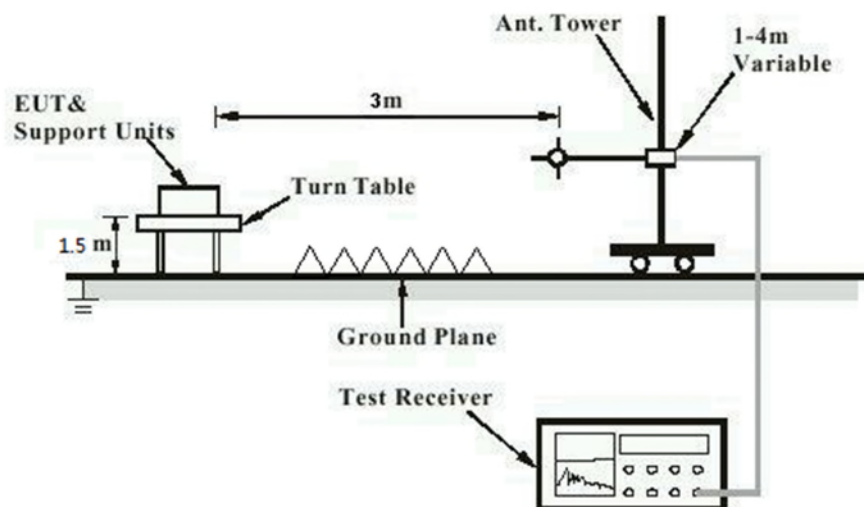
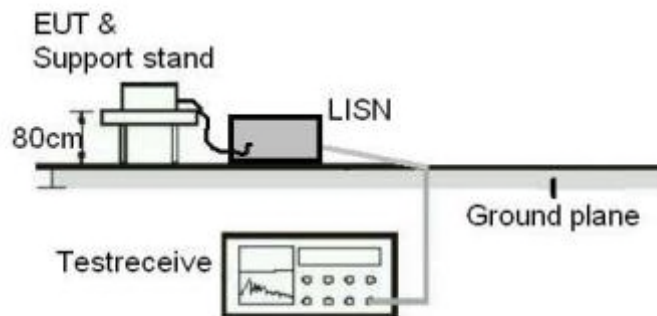


Diagram of Measurement Equipment Configuration for Mains Conduction Measurement

5 Test Results

5.1 Transmitter Requirement & Test Suites

5.1.1 Antenna Requirement

RESULT:**Pass****Test Specification**

Test standard	:	Part 15.203
	:	RSS-Gen Clause 6.8
Limit	:	the use of antennas with directional gains that do not exceed 6 dBi

According to the manufacturer declared, the EUT has inductance coil Antenna, the directional gain of antenna is 2.5dBi, and the antenna connector is designed with permanent attachment and no consideration of replacement. Therefore the EUT is considered sufficient to comply with the provision.

Refer to EUT Photo for further details.

5.1.2 Emission within band

RESULT:**Pass****Test Specification**

Test standard : FCC Part 15.225 (a), (b), (c)
RSS-210 .B6 (a) (i), (ii), (iii)
Basic standard : ANSI C63.10:2013
Limit : FCC Part 15.225 (a), (b), (c)
Kind of test site : Shielded Room

Test Setup

Date of testing : Refer to Appendix 1
Input voltage : AC 120V, 60Hz
Operation mode : A
Earthing : Not connected
Ambient temperature : Refer to Appendix 1
Relative humidity : Refer to Appendix 1
Atmospheric pressure : 101 kPa

Refer to Appendix 1 for details of test result.

Test result.

Test Mode	Test Polarization	Test data	Result
NFC transmitting	X	28.6 dBuV/m at 3m distance	PASS
	Y	34.0 dBuV/m at 3m distance	PASS
	Z	33.5 dBuV/m at 3m distance	PASS

5.1.3 Spurious Emission outside band

RESULT:**Pass****Test Specification**

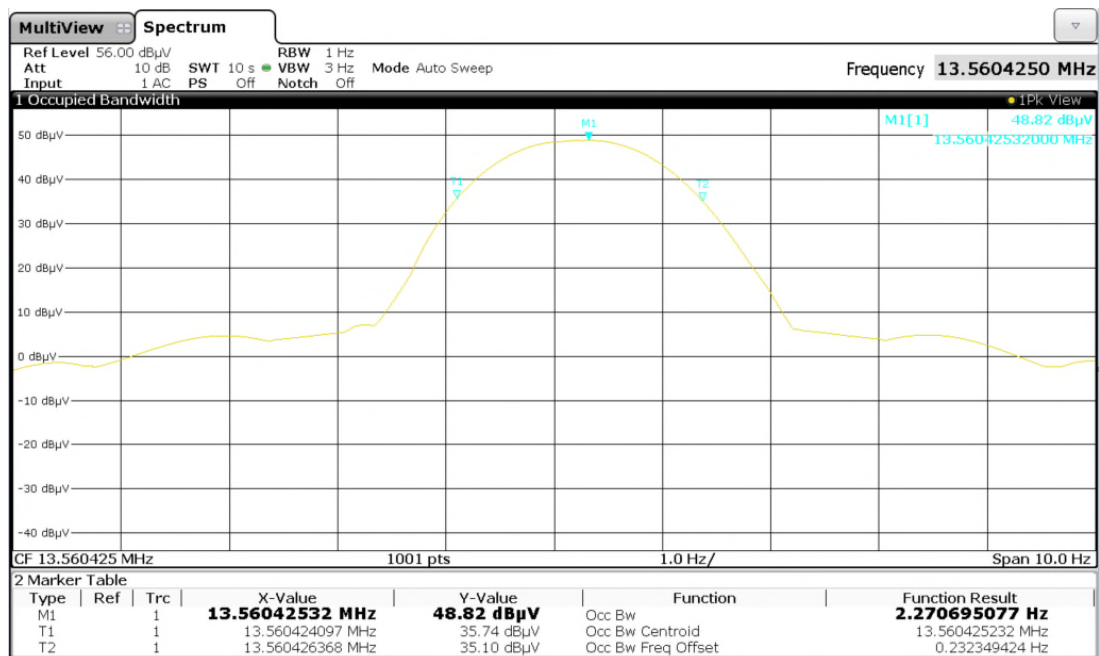
Test standard	: FCC part 15.225 (d) RSS-210 .B6 (a) (iv)
Basic standard	: ANSI C63.10: 2013
Limit	: FCC part 15.209(a)
Kind of test site	: 3m Semi-anechoic Chamber

Test Setup

Date of testing	: Refer to Appendix 1
Input voltage	: AC 120V, 60Hz
Operation mode	: A
Earthing	: Not connected
Ambient temperature	: Refer to Appendix 1
Relative humidity	: Refer to Appendix 1
Atmospheric pressure	: 101 kPa

Refer to Appendix 1 for details of test result.

Test conditions		Frequency (MHz)
		13.56 MHz
T _{nom} (25 °C)	V _{min} (AC 102 V)	15.560425
T _{nom} (25 °C)	V _{nom} (AC 120V)	15.560428
T _{nom} (25 °C)	V _{max} (AC 138V)	15.560421
T _{min} (-40 °C)	V _{nom} (AC 120V)	15.560523
T _{min} (-30 °C)	V _{nom} (AC 120V)	15.560526
T _{min} (-20 °C)	V _{nom} (AC 120V)	15.560518
T _{min} (-10 °C)	V _{nom} (AC 120V)	15.560504
T _{min} (0 °C)	V _{nom} (AC 120V)	15.560501
T _{min} (10 °C)	V _{nom} (AC 120V)	15.560488
T _{min} (20 °C)	V _{nom} (AC 120V)	15.560431
T _{min} (30 °C)	V _{nom} (AC 120V)	15.560467
T _{min} (40 °C)	V _{nom} (AC 120V)	15.560479
T _{min} (60 °C)	V _{nom} (AC 120V)	15.560473
T _{min} (85 °C)	V _{nom} (AC 120V)	15.560481
Max. frequency error (kHz)		0.526 (limit ±135.6KHz)



5.1.6 20dB Bandwidth

RESULT:
Pass

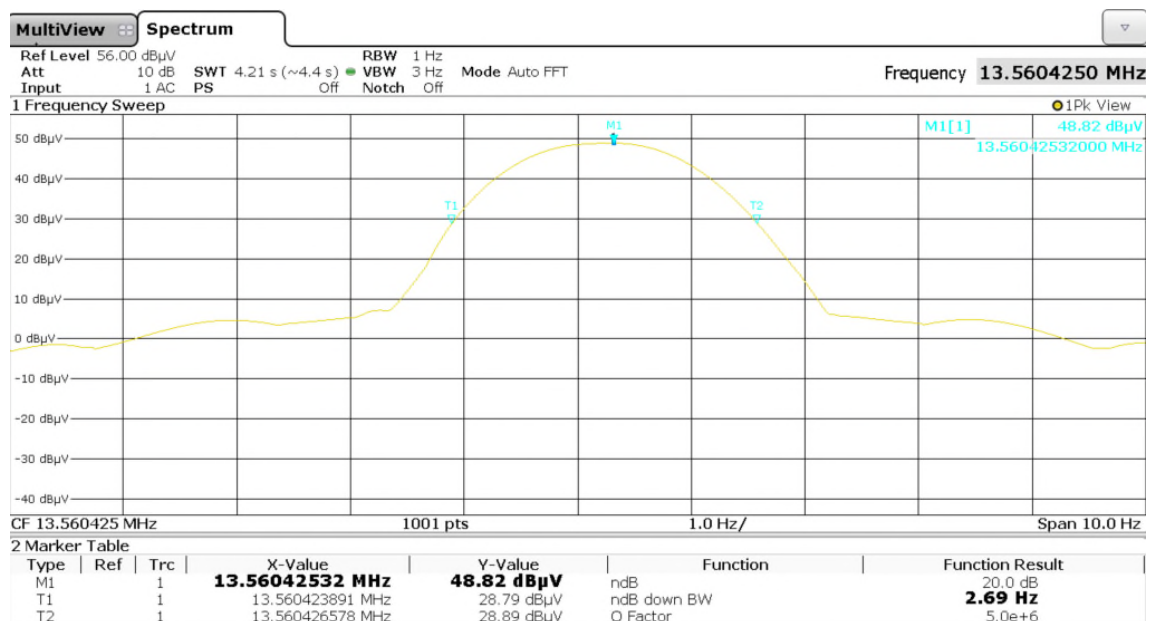
Test Specification

Test standard : FCC part 15.215
 Basic standard : ANSI C63.10: 2013
 Kind of test site : Shielded Room

Test Setup

Date of testing : 2023-05-02
 Input voltage : AC 120V, 60Hz
 Operation mode : A
 Ambient temperature : Not connected
 Relative humidity : 23 °C
 Atmospheric pressure : 101 kPa

For details refer to following test result.



5.1.7 Conducted Emissions

RESULT:**Pass****Test Specification**

Test standard	: FCC Part 15.207 RSS-Gen Issue 5 March 2019
Basic standard	: ANSI C63.4: 2014
Frequency range	: 150 kHz – 30 MHz
Kind of test site	: Shielded Room
Limit	: FCC Part 15.207 (a) Table 4 of RSS-Gen Issue 5 March 2019

Test Setup

Date of testing	: Refer to Appendix 1
Test voltage	: AC 120V, 60Hz
Operation mode	: A
Test Ports	: AC mains power port
Artificial hand	: N/A
Earthing	: Not connected
Ambient temperature	: Refer to Appendix 1
Relative humidity	: Refer to Appendix 1
Atmospheric pressure	: 101 kPa

Refer to Appendix 1 for details of test result.

6 Safety Human Exposure

6.1 Radio Frequency Exposure Compliance

6.1.1 Electromagnetic Fields

RESULT:**Pass**

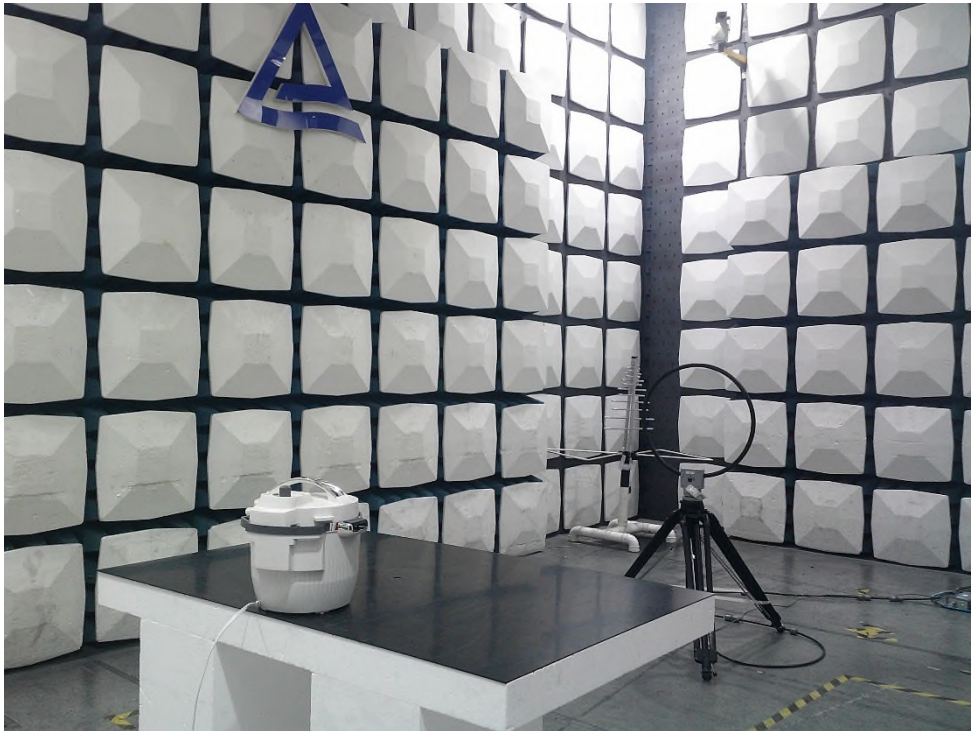
Test standard : RSS-102 Issue 5 February 2021
FCC KDB Publication 447498 D01 v06

The maximum peak output power of the transmitter is $5.34 \times 10^{-7} \mu\text{W}$ (-92.64dBm) only, which less than 20mW. Hence the EUT is exempted from routine evaluation limits (SAR Evaluation) according to clause 2.5.1 of RSS-102 Issue 5.

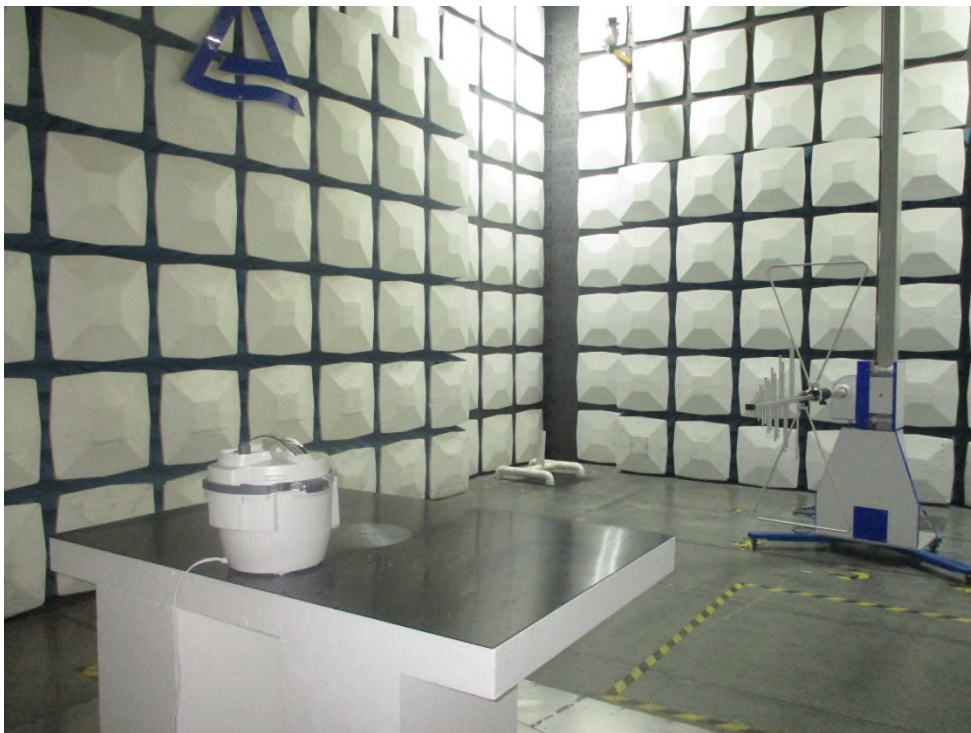
Since maximum peak output power of the transmitter is $5.34 \times 10^{-7} \mu\text{W}$ (-92.64dBm) and the distance from EUT to human is >50mm, hence the EUT is excluded from SAR evaluation according to FCC KDB publication 447498 D01 General RF Exposure Guidance v06.

7 Photographs of the Test Set-Up

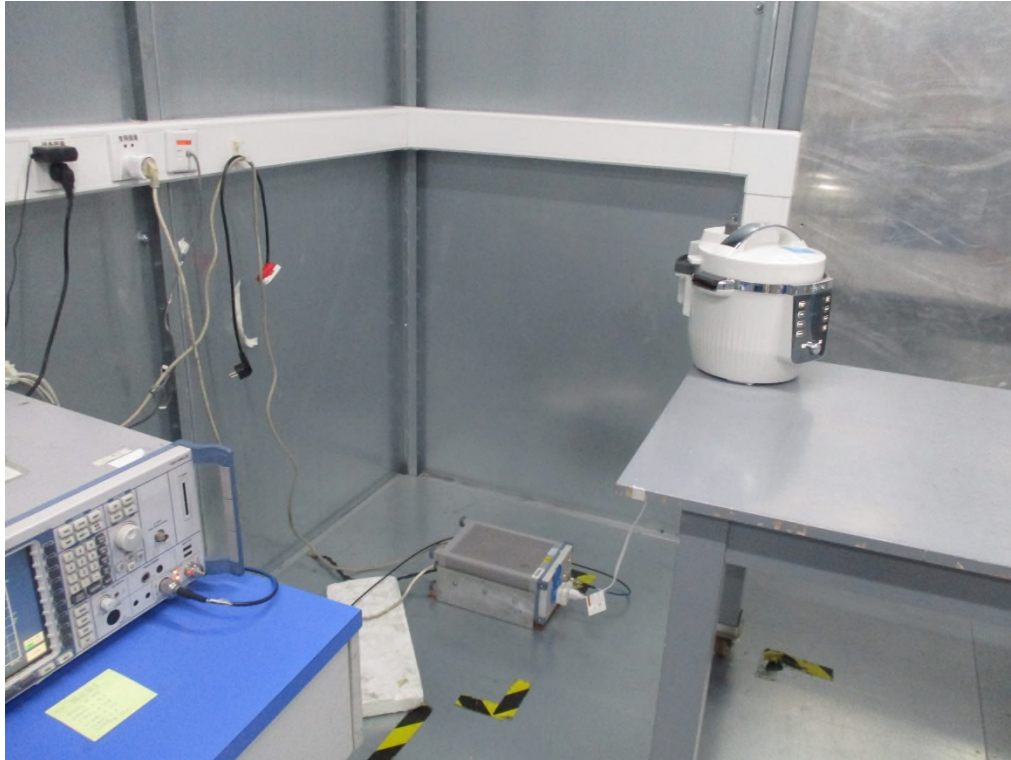
Photograph 1: Set-up for Radiated Spurious Emissions, below 30MHz



Photograph 2: Set-up for Radiated Spurious Emissions, above 30MHz



Photograph 3: Set-up for Conducted Emissions



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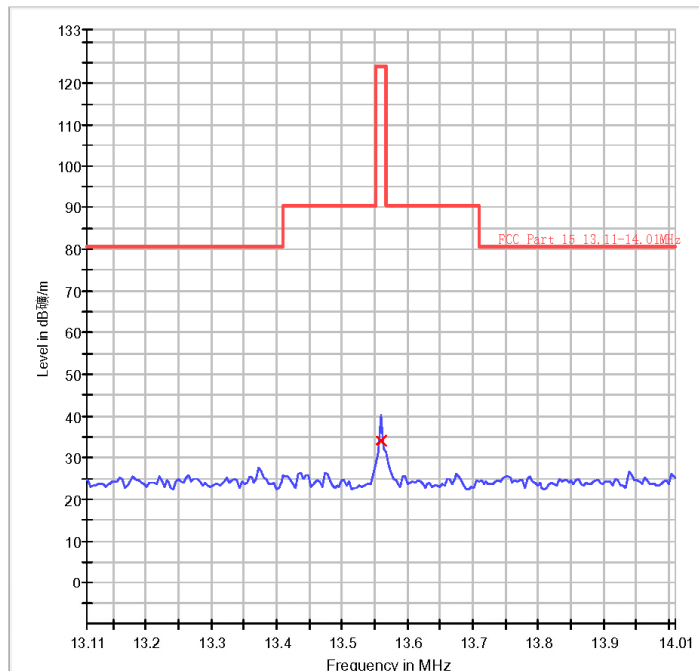
EMC Test Service Hotline: +86-20-28391188

EMC Test Record (Emission)

Common Information

Manufacturer:
Test Item: pressure cooker
Identification: PRPC601WE
Test Standard: FCC Part 15C
Test Detail: Radiated Emission
Operation Mode: A
Climate Condition: 22 °C, 58 %, 101 kPa
Test Voltage/ Freq: AC 120 V / 60 Hz
Receipt No: 170337186
Report No: /
Result: Pass
Comment: Test distance is 3m; Y

Subrange 1
Frequency range: 9K-30MHz
Receiver: ESCI 3
Transducer: HFH2-Z2



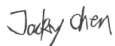
Limit and Margin

Frequency (MHz)	QuasiPeak (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - QPK (dB)	Limit - QPK (dBµV/m)	Comment
13.560000	34.0	1000.0	9.000	Y	20.0	90.0	124.0	

Tested by:


20230510

Reviewed by:


20230510

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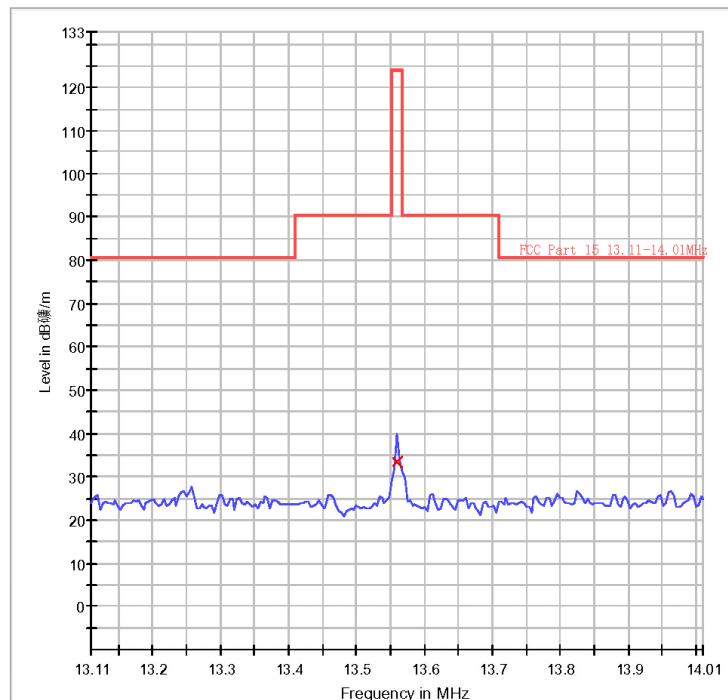
EMC Test Service Hotline: +86-20-28391188

EMC Test Record (Emission)

Common Information

Manufacturer:
Test Item: pressure cooker
Identification: PRPC601WE
Test Standard: FCC Part 15C
Test Detail: Radiated Emission
Operation Mode: A
Climate Condition: 22 °C, 58 %, 101 kPa
Test Voltage/ Freq: AC 120 V / 60 Hz
Receipt No: 170337186
Report No: /
Result: Pass
Comment: Test distance is 3m;Z

Subrange 1
Frequency range: 9K-30MHz
Receiver: ESCI 3
Transducer: HFH2-Z2



Limit and Margin

Frequency (MHz)	QuasiPeak (dBμV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - QPK (dB)	Limit - QPK (dBμV/m)	Comment
13.560000	33.5	1000.0	9.000	Z	20.0	90.5	124.0	

Tested by: 
20230510

Reviewed by: 
20230510

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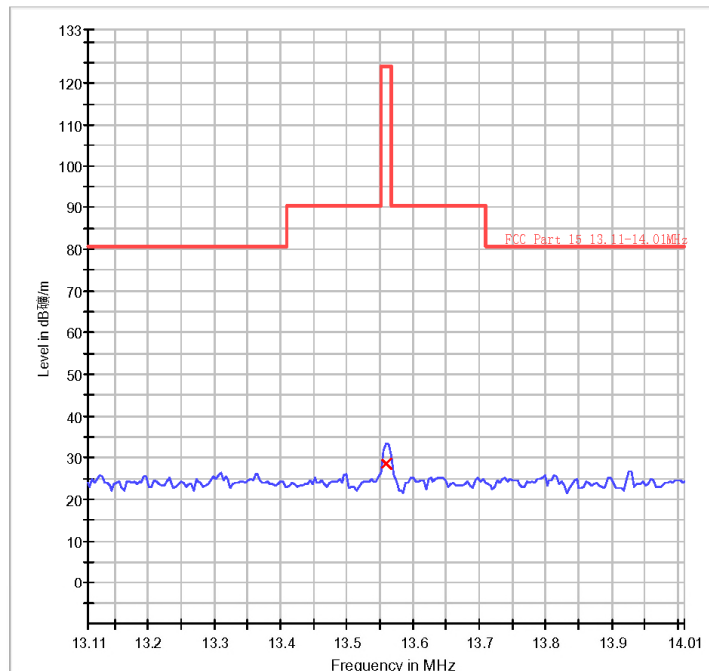
EMC Test Service Hotline: +86-20-28391188

EMC Test Record (Emission)

Common Information

Manufacturer:
Test Item: pressure cooker
Identification: PRPC601WE
Test Standard: FCC Part 15C
Test Detail: Radiated Emission
Operation Mode: A
Climate Condition: 22 °C, 58 %, 101 kPa
Test Voltage/ Freq: AC 120 V / 60 Hz
Receipt No: 170337186
Report No: /
Result: Pass
Comment: Test distance is 3m; X

Subrange 1
Frequency range: 9K-30MHz
Receiver: ESCI 3
Transducer: HFH2-Z2



Limit and Margin

Frequency (MHz)	QuasiPeak (dB μ V/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - QPK (dB)	Limit - QPK (dB μ V/m)	Comment
13.560000	28.6	1000.0	9.000	X	20.0	95.4	124.0	

Tested by:

Jim Chen
20230510

Reviewed by:

Jacky Chen
20230510

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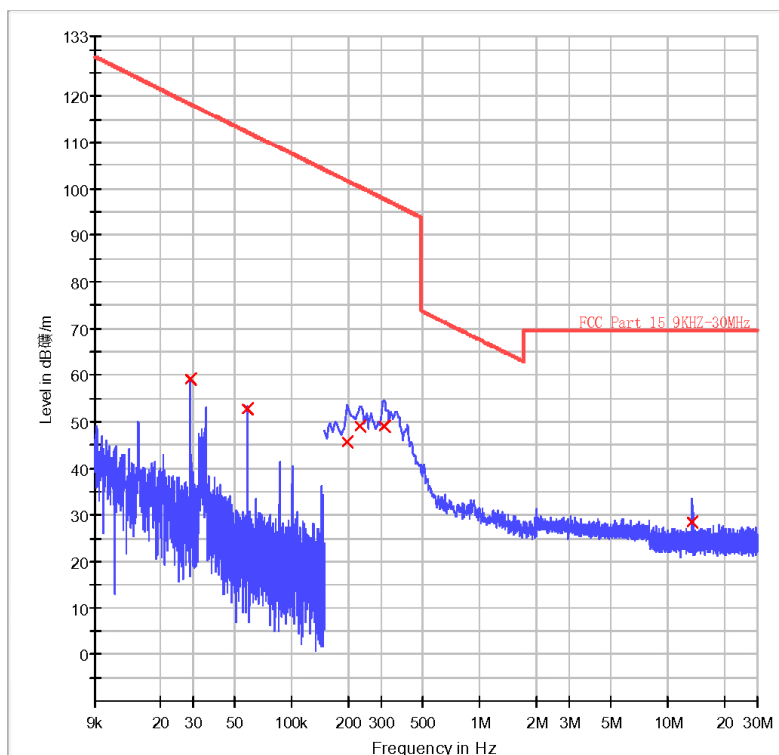
EMC Test Service Hotline: +86-20-28391188

EMC Test Record (Emission)

Common Information

Manufacturer:	
Test Item:	pressure cooker
Identification:	PRPC601WE
Test Standard:	FCC Part 15C
Test Detail:	Radiated Emission
Operation Mode:	A
Climate Condition:	22 °C, 58 %, 101 kPa
Test Voltage/ Freq:	AC 120 V / 60 Hz
Receipt No:	170337186
Report No:	/
Result:	Pass
Comment:	Test distance is 3m; X

Subrange 1	
Frequency range:	9K-30MHz
Receiver:	ESCI 3
Transducer:	HFH2-Z2



Tested by:	<i>Jim Chen</i>	Reviewed by:	<i>Jacky Chen</i>
	20230510		20230510

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Test Report No.

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TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

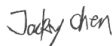
Limit and Margin

Frequency (MHz)	QuasiPeak (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - QPK (dB)	Limit - QPK (dBµV/m)	Comment
0.029100	59.1	1000.0	0.200	X	19.9	59.2	118.3	
0.058200	52.9	1000.0	0.200	X	19.9	59.4	112.3	
0.199000	45.8	1000.0	9.000	X	19.8	55.9	101.6	
0.232000	49.1	1000.0	9.000	X	19.8	51.2	100.3	
0.310000	49.1	1000.0	9.000	X	19.8	48.7	97.8	
13.560000	28.6	1000.0	9.000	X	20.0	40.9	69.5	

Tested by:


20230510

Reviewed by:


20230510

Prüfbericht - Nr.:
Test Report No.

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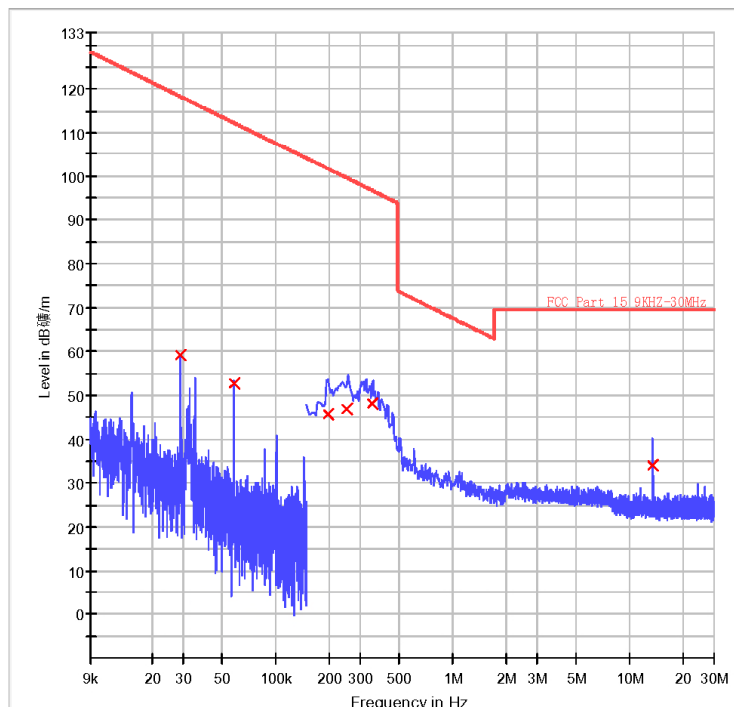
EMC Test Service Hotline: +86-20-28391188

EMC Test Record (Emission)

Common Information

Manufacturer:	
Test Item:	pressure cooker
Identification:	PRPC601WE
Test Standard:	FCC Part 15C
Test Detail:	Radiated Emission
Operation Mode:	A
Climate Condition:	22 °C, 58 %, 101 kPa
Test Voltage/ Freq:	AC 120 V / 60 Hz
Receipt No:	170337186
Report No:	/
Result:	Pass
Comment:	Test distance is 3m; Y

Subrange 1	
Frequency range:	9K-30MHz
Receiver:	ESCI 3
Transducer:	HFH2-Z2



Limit and Margin

Tested by:	<i>Jacky Chen</i>	Reviewed by:	<i>Jacky Chen</i>
	20230510		20230510

Prüfbericht - Nr.:
Test Report No.

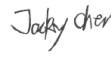
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TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

Frequency (MHz)	QuasiPeak (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - QPK (dB)	Limit - QPK (dBµV/m)	Comment
0.029100	59.1	1000.0	0.200	Y	19.9	59.2	118.3	
0.058200	52.9	1000.0	0.200	Y	19.9	59.4	112.3	
0.199000	45.6	1000.0	9.000	Y	19.8	56.0	101.6	
0.254000	46.9	1000.0	9.000	Y	19.8	52.6	99.5	
0.351000	48.2	1000.0	9.000	Y	19.8	48.5	96.7	
13.560000	34.0	1000.0	9.000	Y	20.0	35.5	69.5	

Tested by:  Reviewed by: 
20230510 20230510

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TUV Rheinland (Guangdong) Ltd.

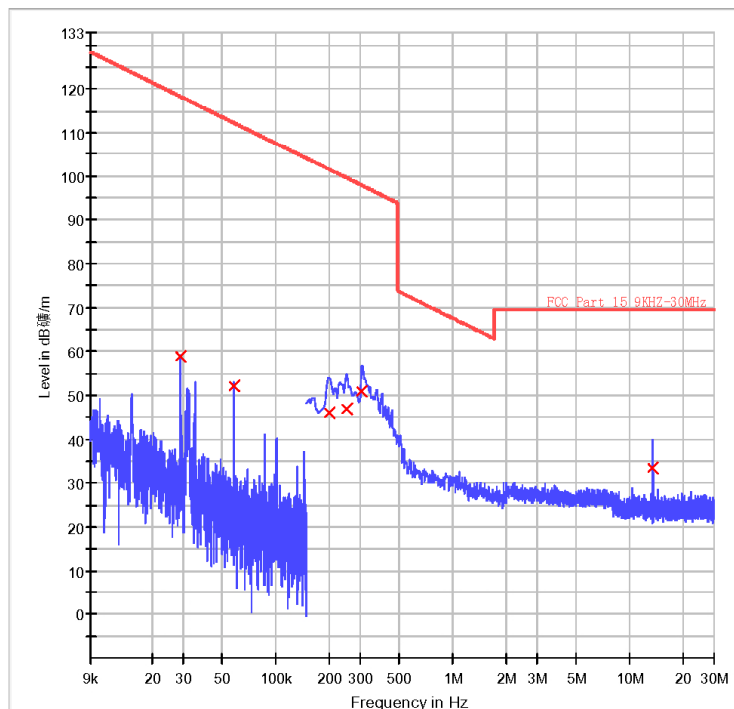
EMC Test Service Hotline: +86-20-28391188

EMC Test Record (Emission)

Common Information

Manufacturer:
Test Item: pressure cooker
Identification: PRPC601WE
Test Standard: FCC Part 15C
Test Detail: Radiated Emission
Operation Mode: A
Climate Condition: 22 °C, 58 %, 101 kPa
Test Voltage/ Freq: AC 120 V / 60 Hz
Receipt No: 170337186
Report No: /
Result: Pass
Comment: Test distance is 3m; Z

Subrange 1
Frequency range: 9K-30MHz
Receiver: ESCI 3
Transducer: HFH2-Z2



Tested by:

Jm Chen
20230510

Reviewed by:

Jacky Chen
20230510

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TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

Limit and Margin

Frequency (MHz)	QuasiPeak (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - QPK (dB)	Limit - QPK (dBµV/m)	Comment
0.029100	58.9	1000.0	0.200	Z	19.9	59.4	118.3	
0.058200	52.2	1000.0	0.200	Z	19.9	60.1	112.3	
0.202000	46.0	1000.0	9.000	Z	19.8	55.5	101.5	
0.251000	47.1	1000.0	9.000	Z	19.8	52.6	99.6	
0.307000	50.8	1000.0	9.000	Z	19.8	47.0	97.9	
13.560000	33.5	1000.0	9.000	Z	20.0	36.0	69.5	

Tested by:


20230510

Reviewed by:


20230510

Prüfbericht - Nr.:
Test Report No.

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EMC Test Report

Conducted Emission
Test

EMC TEST REPORT

Test Information

Manufacturer: Instant
Test Item: Pressure cooker
Identification: PRPC601WE
Test Standard: FCC Part 15B
Test Detail: Conducted Emission
Operation Mode: A
Climate Condition: 22 °C; 55 %RH; 101 kPa.
Test Voltage/ Freq.: AC 120 V / 60Hz
Port / Line: AC Mains
Receipt No.: 170337186
Report No.: /
Result: Pass
Comment: /

Hardware Setup: LISN ENV216 to ESU 26
Level Unit: dBμV

Tested by:

Jason Wu

20230321

Approved by:

Jacky Chen

20230322

Test Data

Prüfbericht - Nr.:
Test Report No.

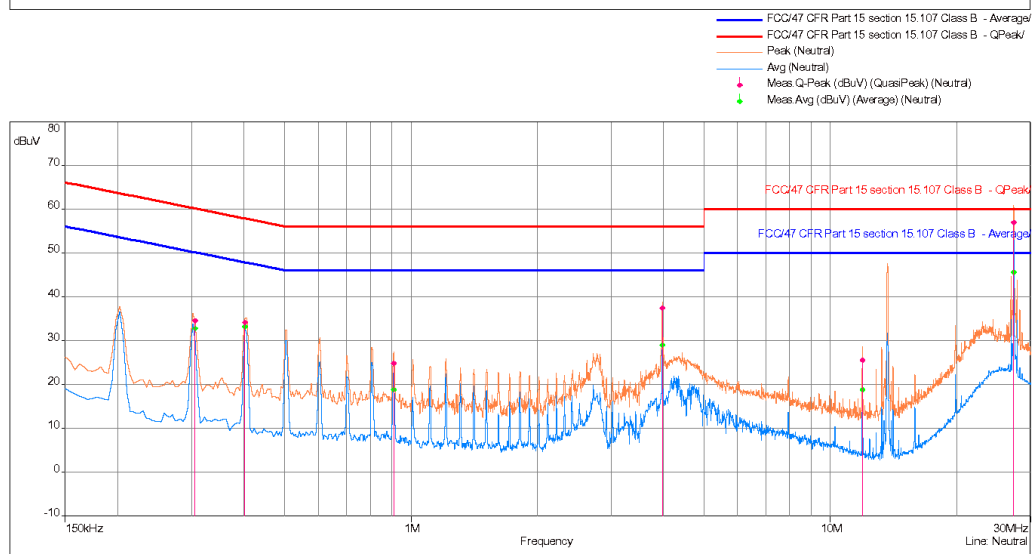
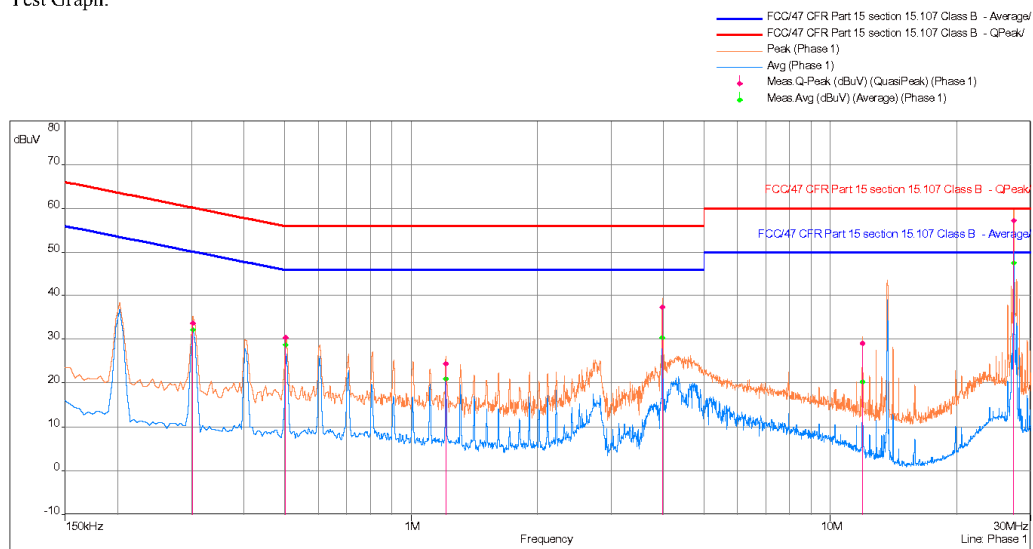
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EMC Test Report

Conducted Emission
Test

Test Graph:



Test Data

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	EMC Test Report	Conducted Emission Test
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Frequency (MHz)	Position	Level QP (dBμV)	Limit QP (dBμV)	Margin (dB)	Line	Bandwidth (kHz)	Meas. Time (ms)	Result	Corr. (dB)
0.30425	1	34.53	60.08	-25.55	Neutral	9k	1000	Pass	9.77
0.40375	1	34.08	57.81	-23.73	Neutral	9k	1000	Pass	9.80
0.91	1	24.84	56.00	-31.16	Neutral	9k	1000	Pass	9.89
3.974	1	37.37	56.00	-18.63	Neutral	9k	1000	Pass	10.07
11.91	1	25.47	60.00	-34.53	Neutral	9k	1000	Pass	10.36
27.3175	1	56.90	60.00	-3.10	Neutral	9k	1000	Pass	10.78
0.302	2	33.55	60.19	-26.64	Phase 1	9k	1000	Pass	9.72
0.50375	2	30.35	56.00	-25.65	Phase 1	9k	1000	Pass	9.74
1.21	2	24.41	56.00	-31.59	Phase 1	9k	1000	Pass	9.78
3.97	2	37.32	56.00	-18.68	Phase 1	9k	1000	Pass	9.91
11.91575	2	29.05	60.00	-30.95	Phase 1	9k	1000	Pass	10.20
27.33725	2	57.25	60.00	-2.75	Phase 1	9k	1000	Pass	10.60

Frequency (MHz)	Position	Level AV (dBμV)	Limit AV (dBμV)	Margin (dB)	Line	Bandwidth (kHz)	Meas. Time (ms)	Result	Corr. (dB)
0.30425	1	32.69	50.08	-17.39	Neutral	9k	1000	Pass	9.77
0.40375	1	33.14	47.81	-14.67	Neutral	9k	1000	Pass	9.80
0.91	1	18.75	46.00	-27.25	Neutral	9k	1000	Pass	9.89
3.974	1	28.91	46.00	-17.09	Neutral	9k	1000	Pass	10.07
11.91	1	18.78	50.00	-31.22	Neutral	9k	1000	Pass	10.36
27.3175	1	45.55	50.00	-4.45	Neutral	9k	1000	Pass	10.78
0.302	2	32.16	50.19	-18.03	Phase 1	9k	1000	Pass	9.72
0.50375	2	28.63	46.00	-17.37	Phase 1	9k	1000	Pass	9.74
1.21	2	20.93	46.00	-25.07	Phase 1	9k	1000	Pass	9.78
3.97	2	30.31	46.00	-15.69	Phase 1	9k	1000	Pass	9.91
11.91575	2	20.24	50.00	-29.76	Phase 1	9k	1000	Pass	10.20
27.33725	2	47.67	50.00	-2.33	Phase 1	9k	1000	Pass	10.60

Start Frequency	Stop Frequency	Frequency step	RBW	Sweep Time	Position
150kHz	30MHz	4kHz	9kHz	10 ms	Neutral
150kHz	30MHz	4kHz	9kHz	10 ms	Phase 1

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Test Equipment	Model	Manufacturer	Serial No.	Cal Until
Radio Spectrum Test				
Spectrum Analyzer	FSP30	Rohde & Schwarz	100286	2023-12-02
Signal Generator	SMB100A	Rohde & Schwarz	115613	2024-03-01
Climatic Chamber	EL-04KA	GZ-ESPEC	6107116	2024-03-01
Attenuator	3.5TS2-6dB-26.5G	SHX	12042001	2024-03-03
Combiner/Divider	1515	Weinschel	PG325	2024-03-01
Test software: Rohde & Schwarz EMC32 (Version: 10.50.00)				
Spurious Emission (25MHz~1GHz)				
EMI Test Receiver	ESCI 3	100314	2024-03-01	ESCI 3
Trilog-Broadband Antenna	VULB9168 (30MHz-1GHz)	SCHWARZBECK MESSELEKTRONIK	684	2023-08-23
Double-Ridged Waveguide Horn Antenna	HF907 (1-18GHz)	Rohde & Schwarz	100377	2024-03-22
Pre-amplifier	AFS44-00101800-25-10P-44	MITEQ	1934457	2024-03-01
3m Anechoic Chamber	N/A	Albatross Project GmbH	N/A	N/A
Test software: Rohde & Schwarz EMC32 (Version: 10.50.00)				
Spurious Emission (below 30MHz)				
Loop Antenna	HFH2-Z2 (<30MHz)	Rohde & Schwarz	100111	2023-05-13
EMI Test Receiver	ESCI 3	Rohde & Schwarz	100314	2024-03-01
Test software: Rohde & Schwarz EMC32 (Version: 9.26.00)				
Conducted Emission				
Spectrum Analyzer	ESU 26	Rohde & Schwarz	100209	2024-03-01
Two-Line V-Network	ENV216	Rohde & Schwarz	100195	2023-06-07
Test software: Rohde & Schwarz EMC32 (Version: 10.50.00)				