

Prüfbericht-Nr.: Test report no.:	CN26RZ1C 001	Auftrags-Nr.: Order no.:	27223920	Seite 1 von 18 Page 1 of 18
Kunden-Referenz-Nr.: Client reference no.:	N/A	Auftragsdatum: Order date:	2026-03-13	
Auftraggeber: Client:	Xiamen R&T Plumbing Technology Co.,LTD. No.18, HouXiang Road, HaiCang District,Xiamen,361028, China			
Prüfgegenstand: Test item:	Microwave sensor			
Bezeichnung / Typ-Nr.: Identification / Type no.:	HLR22-RVS-B5-35-J (Trademark: R&T)			
Auftrags-Inhalt: Order content:	Test Report			
Prüfgrundlage: Test specification:	CFR Title 47 FCC Part 15, Subpart C, Section 15.249 RSS-210 Issue 11 June 2024 RSS-Gen Issue 5 February 2021			
Wareneingangsdatum: Date of sample receipt:	2026-03-16	Please refer to Photo Document		
Prüfmuster-Nr.: Test sample no.:	A004223701-001~003			
Prüfzeitraum: Testing period:	2026-03-25 - 2026-04-01			
Ort der Prüfung: Place of testing:	TÜV Rheinland (Shenzhen) Co., Ltd.			
Prüflaboratorium: Testing laboratory:	TÜV Rheinland (Shenzhen) Co., Ltd.			
Prüfergebnis*: Test result*:	Pass			
geprüft von: tested by:			genehmigt von: authorized by:	
Datum: Date:	2026-04-17	Ausstellungsdatum: Issue date:		2026-04-17
Stellung / Position:	Sachverständige(r)/Expert	Stellung / Position:		Sachverständige(r)/Expert
Sonstiges / Other:	FCC ID: 2AW23-L22G01 IC: 31226-L22G01 HVIN: HLR22-RVS-B5-35-J			
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.				

Prüfbericht-Nr.: CN26RZ1C 001
Test report no.:

Seite 2 von 18
Page 2 of 18

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 Prüfbedingungen, 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>
2	Wie vertraglich vereinbart, wurde dieses Dokument nur digital unterzeichnet. Der TÜV Rheinland hat nicht überprüft, welche rechtlichen oder sonstigen diesbezüglichen Anforderungen für dieses Dokument gelten. Diese Überprüfung liegt in der Verantwortung des Benutzers dieses Dokuments. Auf Verlangen des Kunden kann der TÜV Rheinland die Gültigkeit der digitalen Signatur durch ein gesondertes Dokument bestätigen. Diese Anfrage ist an unseren Vertrieb zu richten. Eine Umweltgebühr für einen solchen zusätzlichen Service wird erhoben. Informationen zur Verifizierung der Authentizität unserer Dokumente erhalten Sie auf folgender Webseite: go.tuv.com/digital-signature <i>As contractually agreed, this document has been signed digitally only. TUV Rheinland has not verified and unable to verify which legal or other pertaining requirements are applicable for this document. Such verification is within the responsibility of the user of this document. Upon request by its client, TUV Rheinland can confirm the validity of the digital signature by a separate document. Such request shall be addressed to our Sales department. An environmental fee for such additional service will be charged. For information on verifying the authenticity of our documents, please visit the following website: go.tuv.com/digital-signature</i>
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 115:2023, 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 115:2023, 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>

Prüfbericht - Nr.: CN26RZ1C 001
Test Report No.:

Seite 3 von 18
Page 3 of 18

Test Summary

5.1.1 ANTENNA REQUIREMENT

RESULT: Pass

5.1.2 FIELD STRENGTH OF FUNDAMENTAL AND HARMONICS

RESULT: Pass

5.1.3 20dB AND 99% BANDWIDTH

RESULT: Pass

5.1.4 BAND EDGE

RESULT: Pass

Table of Contents

1	GENERAL REMARKS	5
1.1	COMPLEMENTARY MATERIALS	5
2	TEST SITES	6
2.1	TEST FACILITIES	6
2.2	LIST OF TEST AND MEASUREMENT INSTRUMENTS.....	6
2.3	TRACEABILITY	7
2.4	CALIBRATION	7
2.5	MEASUREMENT UNCERTAINTY.....	7
2.6	LOCATION OF ORIGINAL DATA.....	8
2.7	STATUS OF FACILITY USED FOR TESTING.....	8
3	GENERAL PRODUCT INFORMATION	9
3.1	PRODUCT FUNCTION AND INTENDED USE.....	9
3.2	RATINGS AND SYSTEM DETAILS	9
3.3	INDEPENDENT OPERATION MODES	10
3.4	NOISE GENERATING AND NOISE SUPPRESSING PARTS.....	10
3.5	SUBMITTED DOCUMENTS.....	10
4	TEST SET-UP AND OPERATION MODES	11
4.1	PRINCIPLE OF CONFIGURATION SELECTION	11
4.2	TEST OPERATION AND TEST SOFTWARE.....	11
4.3	SPECIAL ACCESSORIES AND AUXILIARY EQUIPMENT	11
4.4	COUNTERMEASURES TO ACHIEVE EMC COMPLIANCE	11
4.5	TEST SETUP DIAGRAM	12
5	TEST RESULTS	14
5.1	TRANSMITTER REQUIREMENT & TEST SUITES	14
5.1.1	<i>Antenna Requirement</i>	<i>14</i>
5.1.2	<i>Field Strength of Fundamental and Harmonics</i>	<i>15</i>
5.1.3	<i>20dB and 99% Bandwidth</i>	<i>16</i>
5.1.4	<i>Band Edge.....</i>	<i>17</i>
6	PHOTOGRAPHS OF THE TEST SET-UP	18
7	LIST OF TABLES.....	18

1 General Remarks

1.1 Complementary Materials

All attachments are integral parts of this test report. This applies especially to the following appendix:

Appendix A: Test Results of 24GHz

Appendix B: Photographs of the Test Set-up

2 Test Sites

2.1 Test Facilities

TÜV Rheinland (Shenzhen) Co., Ltd.

2-3F, 101 & 102, No.2, Nuclear Power Industrial Park, Fuming Community, Fucheng Street, Longhua District, Shenzhen 518000, People's Republic of China

FCC Registration No.: CN1260

ISED wireless device testing laboratory: 25069

2.2 List of Test and Measurement Instruments

Table 1: List of Test and Measurement Equipment

Radio Spectrum Testing (TS8997)					
Equipment	Manufacturer	Model	Serial No.	Cal. Date	Cal. until
Signal Analyzer	R&S	FSV 40	101441	2025-09-23	2026-09-22
OSP	R&S	OSP 150	101017	2025-10-30	2026-10-29
Control PC	DELL	OptiPlex 7050	FTJZ9P2	N/A	N/A
Test Software	R&S	WMS32 (V11.00.00)	N/A	N/A	N/A
Power Meter	R&S	NRP2	107105	2025-10-30	2026-10-29
Wideband Power Sensor	R&S	NRP-Z81	105677	2025-09-23	2026-09-22
Shielding Room	Albatross	SR1	APC17151-SR1	2024-09-14	2027-09-13
Unwanted Emission Testing (TS9975) Below 40GHz					
Equipment	Manufacturer	Model	Serial No.	Cal. Date	Cal. until
EMI Test Receiver	R&S	ESR 7	102021	2025-09-22	2026-09-21
Signal Analyzer	R&S	FSV 40	101439	2025-09-22	2026-09-21
System Controller Interface	R&S	SCI-100	S10010038	N/A	N/A
Filterbank	R&S	Wlan	100759	2025-09-22	2026-09-21
OSP	R&S	OSP 120	102040	N/A	N/A
Pre-amplifier	R&S	SCU08F1	08320031	2025-09-22	2026-09-21
Amplifier	R&S	SCU-18F	180070	2025-09-22	2026-09-21
Amplifier	R&S	SCU40A	100475	2025-09-22	2026-09-21
Trilog Broadband Antenna (30 MHz - 7 GHz)	Schwarzbeck	VULB 9162	193	2024-09-28	2026-09-27
Double-Ridged Antenna (1-18 GHz)	ETS-LINDGREN	3117	00218717	2024-09-28	2026-09-27
Wideband Ridged Horn Antenna (18-40 GHz)	Steatite	QMS-00880	19067	2024-09-28	2026-09-27
Active Loop Antenna	Schwarzbeck	FMZB 1513	302	2024-09-28	2026-09-27
Test software	R&S	EMC32 (V10.60.10)	N/A	N/A	N/A
Control PC	Dell	OptiPlex 7050	36NV9P2	N/A	N/A

3m Semi-Anechoic Chamber	Albatross	SAC-3m	APC17151-SAC	2024-09-14	2027-09-13
--------------------------	-----------	--------	--------------	------------	------------

MMWAVE Above 40GHz

Equipment	Manufacturer	Model	Serial No.	Cal. Date	Cal. until
MM-Wave Frequency Conversion Receiving Unit	Tonscend	MMFC-R190-L0F0	202305240001	2024-09-13	2027-09-12
MM-Wave Frequency Conversion Receiving Unit	Tonscend	MMFC-R150-L0F0	202305240001	2024-09-02	2027-09-01
MM-Wave Frequency Conversion Receiving Unit	Tonscend	MMFC-R100-L0F0	202305240001	2024-08-29	2027-08-28
MM-Wave Frequency Conversion Receiving Unit	Tonscend	MMFC-R060-L0F0	202305240001	2024-08-30	2027-08-29
MM-Wave Frequency Conversion Transmitting Unit	Tonscend	MMFC-T120-A1	202305240001	2024-09-11	2027-09-10
MM-Wave Frequency Conversion Receiving Unit	Tonscend	MMFC-R040-L0F0	202305240001	2023-11-01	2026-10-31
High Low Temperature Test Chamber	Cavendi	CATT-150C	231020001	2024-05-17	2026-05-16
Control PC	Lenovo	M4000q-00IRB	YLX3LXKQ	N/A	N/A

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 measurements as below table.

Table 2: Measurement Uncertainty

Parameter	Uncertainty (k=2)
RF output power, conducted	± 0.99 dB
Occupied Channel Bandwidth	± 2.08 %
Unwanted Emissions, conducted	± 0.89 dB
All emissions, radiated	± 4.17 dB

2.6 Location of Original Data

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

2.7 Status of Facility Used for Testing

The TÜV Rheinland (Shenzhen) Co., Ltd. Test facility located at 2-3F, 101 & 102, No.2, Nuclear Power Industrial Park, Fuming Community, Fucheng Street, Longhua District, Shenzhen 518000, People's Republic of China is listed on the US Federal Communications Commission list of facilities approved to perform measurements.

3 General Product Information

3.1 Product Function and Intended Use

The EUT is a **Microwave sensor**, which supports 24GHz wireless technology.

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

3.2 Ratings and System Details

Table 3: Technical Specification of EUT

General Information of EUT	Value
Kind of Equipment:	Microwave sensor
Type Designation:	HLR22-RVS-B5-35-J
Trademark:	R&T
FCC ID:	2AW23-L22G01
IC:	31226-L22G01
HVIN:	HLR22-RVS-B5-35-J
Operating Voltage:	DC 5V
Testing Voltage:	DC 5V from DC source
Technical Specification of Microwave module	
Frequency Range:	24.05 - 24.25 GHz
Type of Modulation:	FMCW
Operate Frequency Range:	200MHz
Antenna Type:	PCB Layout Antenna
Antenna Gain:	12 dBi (Provided by the Client)

Note: The correctness of all data provided by customer in the test report is ensured and responsible of the customer. Any misjudgment of the test results caused by the use of incorrect data provided by customer shall be borne by the customer.

3.3 Independent Operation Modes

The basic operation modes are:

- A. On, 24GHz transmitting mode (Microwave module)
- B. Off

3.4 Noise Generating and Noise Suppressing Parts

Refer to Circuit Diagram for further details.

3.5 Submitted Documents

- | | |
|-------------------------|------------------------------|
| - Application Form | - ID Label and Location Info |
| - Operation Description | - Block Diagram |
| - Schematics | - PCB Layout |
| - Parts List | |

4 Test Set-up and Operation Modes

4.1 Principle of Configuration Selection

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.

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.

4.2 Test Operation and Test Software

Test operation refers to test setup in chapter 5. All tests were performed according to the procedures in ANSI C63.10: 2020, ANSI C63.10:2020+ Cor. 1:2023+ C63.10a:2024.

Table 4: Test environments

Environment Parameter	Values During Tests		
	Temperature	Voltage	Relative Humidity
NTNV	25°C±2°C	5Vdc	Ambient

Table 5: Test channel and frequency

Mode	Test Channels (GHz)	Remark
Transmitting	24.05 to 24.25 GHz	--

4.3 Special Accessories and Auxiliary Equipment

Table 6: List of Accessories and Auxiliary Equipment

Description	Manufacturer	Model	S/N	Rating
DC power Supply	Topward	3303D	809332	0-30 Volts, 0-3 Amps

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 1GHz)

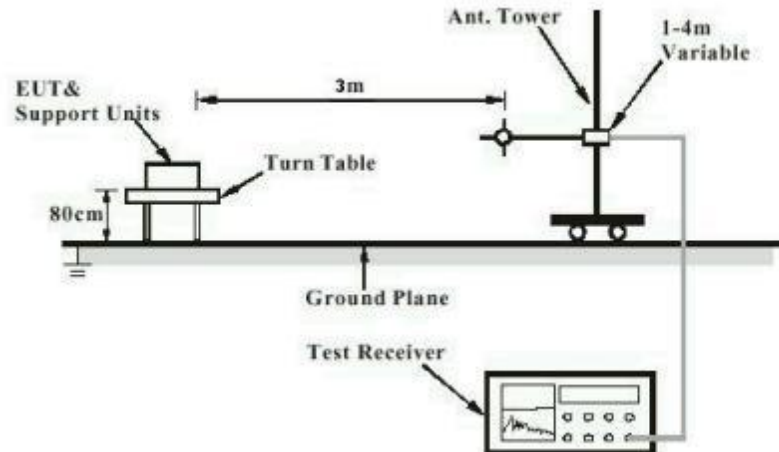


Diagram of Measurement Configuration for Radiation Test (1-40GHz)

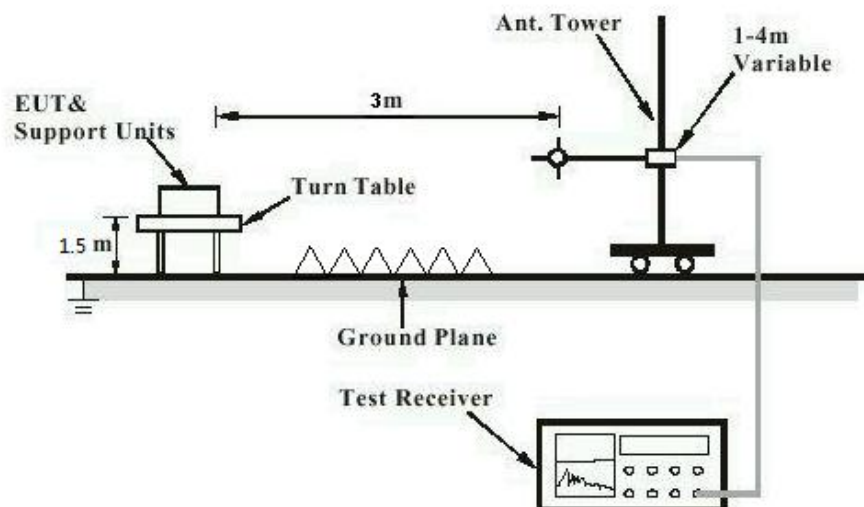


Diagram of Measurement Configuration for Radiation Test (40-100GHz)

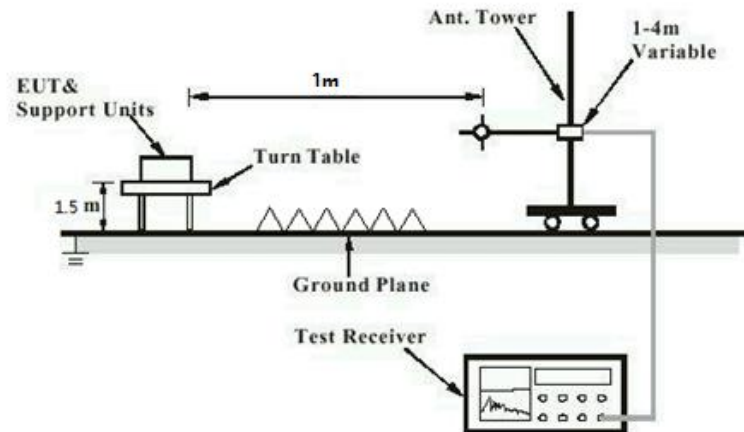
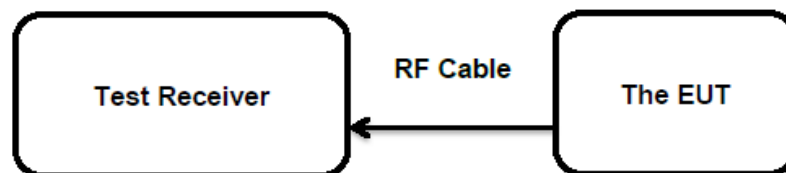


Diagram of Measurement Configuration for Conducted Transmitter Measurement



5 Test Results

5.1 Transmitter Requirement & Test Suites

5.1.1 Antenna Requirement

RESULT:

Pass

Test Specification

Test standard : FCC Part 15.203
RSS-Gen Section 6.8

According to the manufacturer declared, the EUT has a PCB Layout antenna, the gain of antenna is 12 dBi, which that 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.

Prüfbericht - Nr.: **CN26RZ1C 001**
Test Report No.:Seite 15 von 18
Page 15 of 18

5.1.2 Field Strength of Fundamental and Harmonics

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

Test standard	: FCC Part 15.249(a) (d) (e) RSS-210 Section B.10
Basic standard	: ANSI C63.10: 2020, ANSI C63.10:2020+ Cor. 1:2023+ C63.10a:2024
Limits	: FCC Part 15.249(a) (d) (e) & 15.209(a) RSS-210 Section B.10 (a) & (b) RSS-Gen Section 8.9
Kind of test site	: 3m Semi-anechoic Chamber

Test Setup

Date of testing	: 2026-03-26 to 2026-04-01
Input voltage	: DC 5V
Operation mode	: A
Ambient temperature	: Refer to test result
Relative humidity	: Refer to test result
Atmospheric pressure	: 101 kPa

Note: Testing was carried out within frequency range 9kHz to the tenth harmonics. Only the worst case spurious emissions configuration of the each mode were reported.

For the measurement records, refer to the appendix A.

Prüfbericht - Nr.: CN26RZ1C 001
Test Report No.:

Seite 16 von 18
Page 16 of 18

5.1.3 20dB and 99% Bandwidth

RESULT:

Pass

Test Specification

Test standard	:	FCC Part 15.215 RSS-Gen Section 6.7
Basic standard	:	ANSI C63.10: 2020, ANSI C63.10:2020+ Cor. 1:2023+ C63.10a:2024
Limits	:	Within assigned band
Kind of test site	:	Shielded Room

Test Setup

Date of testing	:	2026-03-26
Input voltage	:	DC 5V
Operation mode	:	A
Ambient temperature	:	24.3 °C
Relative humidity	:	55 %
Atmospheric pressure	:	101 kPa

For the measurement records, refer to the appendix A.

Prüfbericht - Nr.: CN26RZ1C 001
Test Report No.:

Seite 17 von 18
Page 17 of 18

5.1.4 Band Edge

RESULT:

Pass

Test Specification

Test standard	: FCC Part 15.249(a) (d) (e) & 15.209 & 15.205 RSS-210 Section B.10 (a) & (b) RSS-Gen Section 8.9 & 8.10
Basic standard	: ANSI C63.10: 2020, ANSI C63.10:2020+ Cor. 1:2023+ C63.10a:2024
Limits	: FCC Part 15.249(a) (d) (e) & 15.209 & 15.205 RSS-Gen Table 5 & 7
Kind of test site	: 3m Semi-anechoic Chamber

Test Setup

Date of testing	: 2026-03-26 to 2026-04-01
Input voltage	: DC 5V
Operation mode	: A
Ambient temperature	: Refer to test result
Relative humidity	: Refer to test result
Atmospheric pressure	: 101 kPa

For the measurement records, refer to the appendix A.

6 Photographs of the Test Set-Up

For photographs of the test set-up, refer to the appendix B.

7 List of Tables

Table 1: List of Test and Measurement Equipment.....	6
Table 2: Measurement Uncertainty	7
Table 3: Technical Specification of EUT	9
Table 4: Test environments	11
Table 5: Test channel and frequency	11
Table 6: List of Accessories and Auxiliary Equipment.....	11

Appendix A: Test Results of 24GHz

APPENDIX A: TEST RESULTS OF 24GHZ	1
APPENDIX A.1: TEST RESULTS OF FIELD STRENGTH OF FUNDAMENTAL & HARMONICS	2
30MHz - 1GHz	2
1GHz - 40GHz	8
Above 40GHz	26
APPENDIX A.2: TEST RESULTS OF 20DB BANDWIDTH	30
APPENDIX A.3: TEST RESULTS OF 99% BANDWIDTH	31
APPENDIX A.4: TEST RESULTS OF BAND EDGE	32

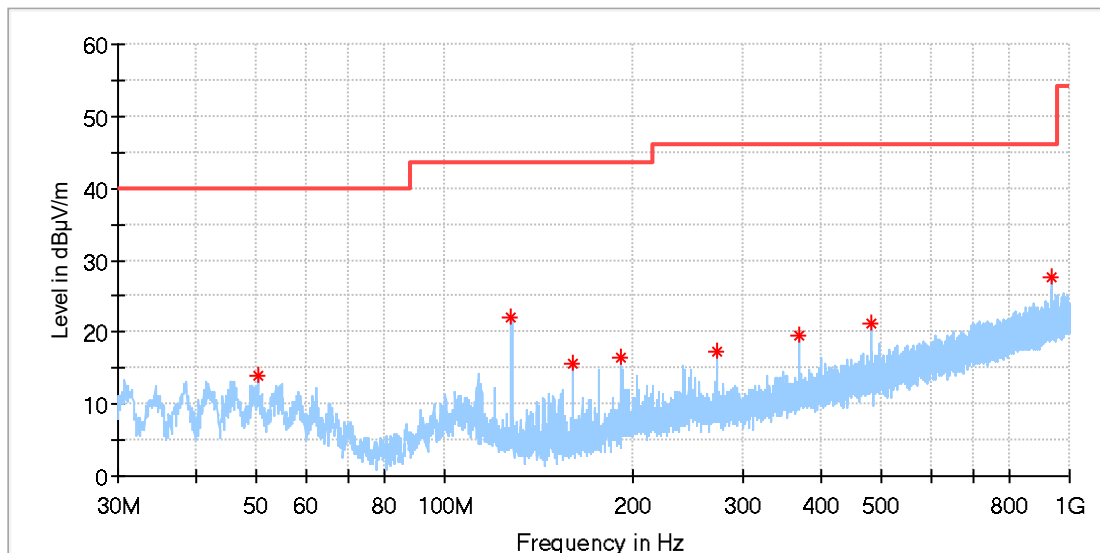
Appendix A.1: Test Results of Field strength of fundamental & harmonics

30MHz - 1GHz

Test Distance@3m

EUT Information

EUT Name:	Microwave Sensor
Model:	HLR22-RVS-B5-35-J
Test Mode:	Low channel
Order No/Sample No:	27223920/A004223701-003
Test Voltage:	DC 5V From DC Source
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.249
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

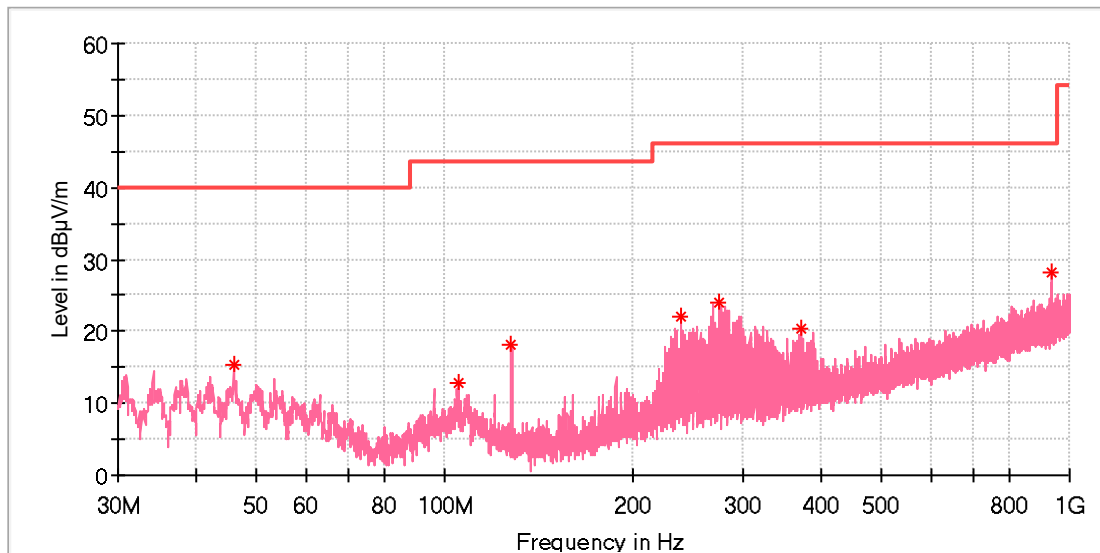
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
50.262222	13.95	40.00	26.05	100.0	H	350.0	-18.4
127.970000	22.06	43.50	21.44	100.0	H	292.0	-21.7
159.980000	15.70	43.50	27.80	100.0	H	309.0	-21.8
191.990000	16.47	43.50	27.03	100.0	H	278.0	-19.5
272.015000	17.32	46.00	28.68	100.0	H	356.0	-16.9
367.991111	19.49	46.00	26.51	100.0	H	197.0	-14.5
480.026111	21.34	46.00	24.66	100.0	H	248.0	-12.1
938.458889	27.55	46.00	18.45	100.0	H	120.0	-4.4

Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name: Microwave Sensor
Model: HLR22-RVS-B5-35-J
Test Mode: Low channel
Order No/Sample No: 27223920/A004223701-003
Test Voltage: DC 5V From DC Source
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.249
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

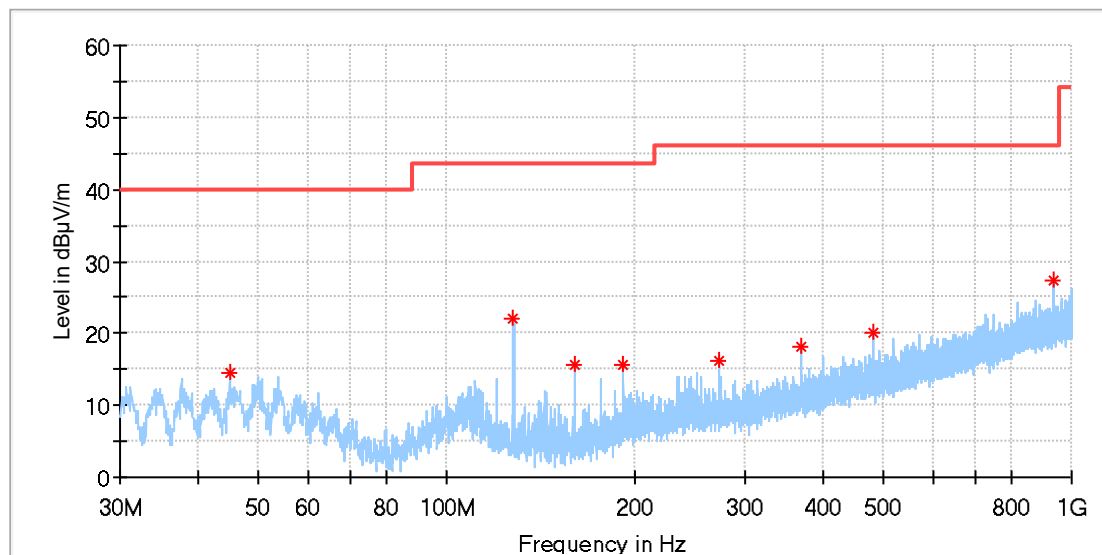
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
45.897222	15.24	40.00	24.76	100.0	V	216.0	-18.8
105.282778	12.85	43.50	30.65	100.0	V	293.0	-18.9
127.970000	18.03	43.50	25.47	100.0	V	262.0	-21.7
238.927222	21.95	46.00	24.05	100.0	V	162.0	-17.8
274.332222	24.13	46.00	21.87	100.0	V	130.0	-16.9
371.817222	20.27	46.00	25.73	100.0	V	162.0	-14.4
938.458889	28.16	46.00	17.84	100.0	V	247.0	-4.4

Final Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---	---	---

EUT Information

EUT Name: Microwave Sensor
Model: HLR22-RVS-B5-35-J
Test Mode: Mid channel
Order No/Sample No: 27223920/A004223701-003
Test Voltage: DC 5V From DC Source
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.249
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

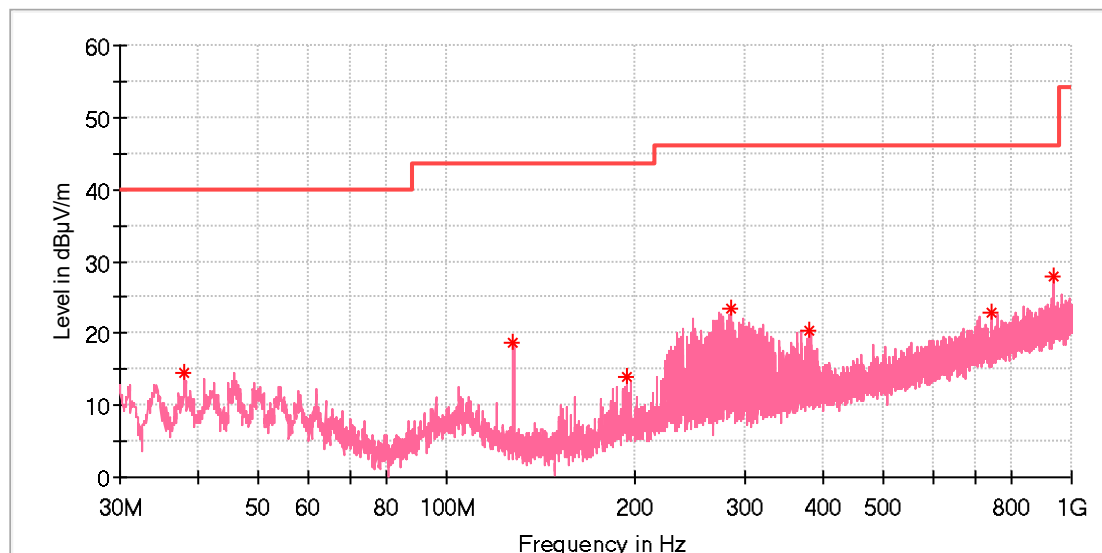
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
44.927222	14.56	40.00	25.44	100.0	H	76.0	-19.0
127.970000	22.11	43.50	21.39	100.0	H	295.0	-21.7
159.980000	15.49	43.50	28.01	100.0	H	295.0	-21.8
191.990000	15.56	43.50	27.94	100.0	H	295.0	-19.5
272.015000	16.06	46.00	29.94	100.0	H	140.0	-16.9
367.991111	18.04	46.00	27.96	100.0	H	210.0	-14.5
480.026111	20.11	46.00	25.89	100.0	H	210.0	-12.1
936.950000	27.44	46.00	18.56	100.0	H	318.0	-4.4

Final Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name: Microwave Sensor
Model: HLR22-RVS-B5-35-J
Test Mode: Mid channel
Order No/Sample No: 27223920/A004223701-003
Test Voltage: DC 5V From DC Source
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.249
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

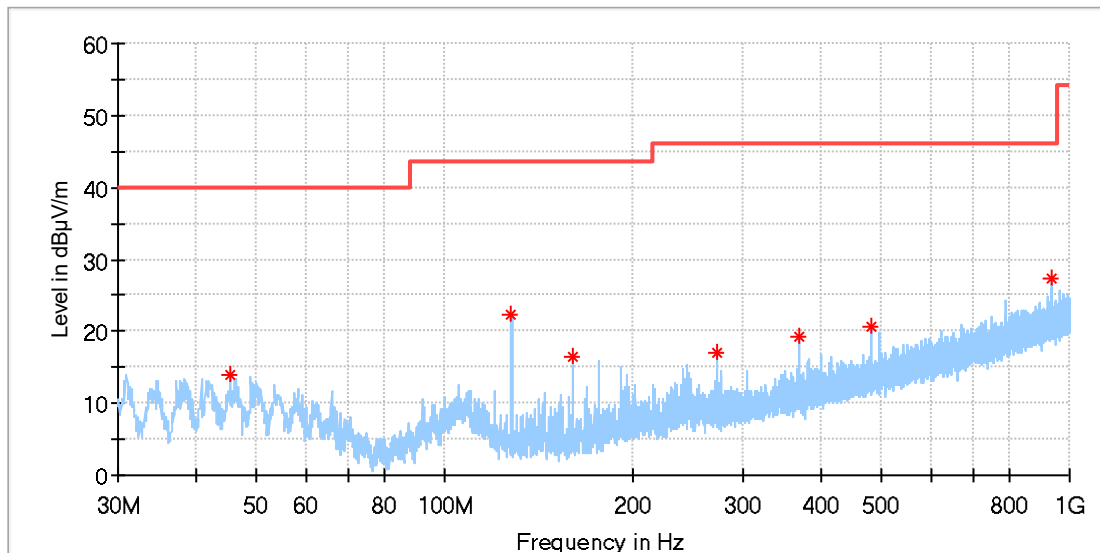
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
37.921667	14.40	40.00	25.60	100.0	V	259.0	-20.8
127.970000	18.71	43.50	24.79	100.0	V	259.0	-21.7
193.983889	13.94	43.50	29.56	100.0	V	165.0	-19.4
285.379444	23.43	46.00	22.57	100.0	V	165.0	-16.6
379.900556	20.35	46.00	25.65	100.0	V	140.0	-14.2
742.518889	22.98	46.00	23.02	100.0	V	0.0	-7.2
938.458889	27.87	46.00	18.13	100.0	V	120.0	-4.4

Final Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---	---	---

EUT Information

EUT Name: Microwave Sensor
Model: HLR22-RVS-B5-35-J
Test Mode: High channel
Order No/Sample No: 27223920/A004223701-003
Test Voltage: DC 5V From DC Source
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.249
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

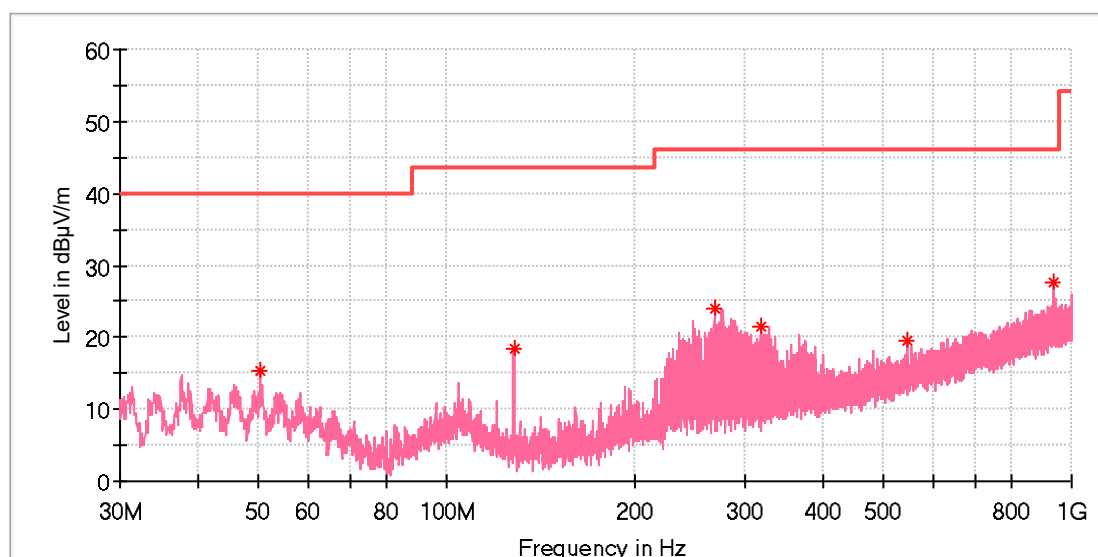
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
45.304444	14.06	40.00	25.94	100.0	H	300.0	-18.9
127.970000	22.32	43.50	21.18	100.0	H	300.0	-21.7
159.980000	16.42	43.50	27.08	100.0	H	300.0	-21.8
272.015000	17.13	46.00	28.87	100.0	H	141.0	-16.9
367.991111	19.37	46.00	26.63	100.0	H	196.0	-14.5
480.026111	20.66	46.00	25.34	100.0	H	235.0	-12.1
938.405000	27.22	46.00	18.78	100.0	H	308.0	-4.4

Final Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---	---	---

EUT Information

EUT Name: Microwave Sensor
Model: HLR22-RVS-B5-35-J
Test Mode: High channel
Order No/Sample No: 27223920/A004223701-003
Test Voltage: DC 5V From DC Source
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.249
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
50.262222	15.30	40.00	24.70	100.0	V	235.0	-18.4
128.023889	18.41	43.50	25.09	100.0	V	243.0	-21.7
267.865556	24.14	46.00	21.86	100.0	V	147.0	-17.0
318.844444	21.41	46.00	24.59	100.0	V	124.0	-15.7
547.602778	19.40	46.00	26.60	100.0	V	341.0	-10.8
938.458889	27.59	46.00	18.41	100.0	V	55.0	-4.4

Final_Result

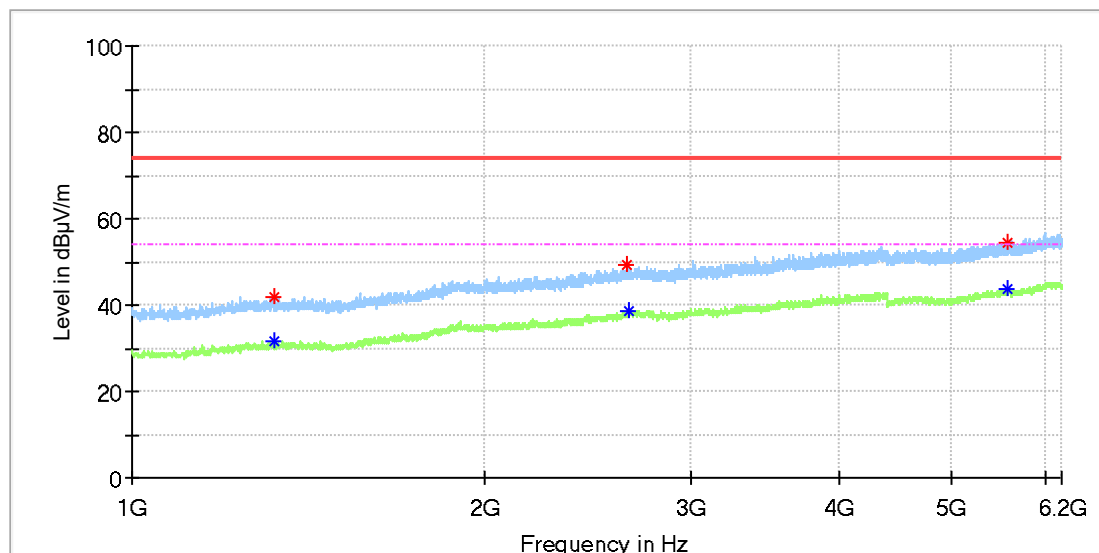
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

1GHz - 40GHz

Test Distance@3m

EUT Information

EUT Name:	Microwave Sensor
Model:	HLR22-RVS-B5-35-J
Test Mode:	Low channel
Order No/Sample No:	27223920/A004223701-003
Test Voltage:	DC 5V From DC Source
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.249
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

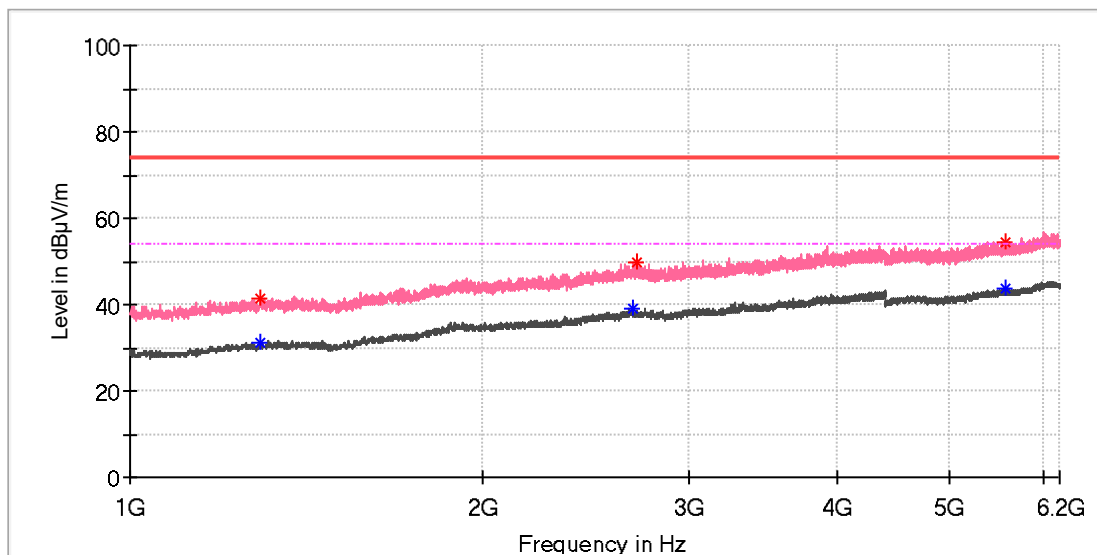
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1323.500000	---	31.53	54.00	22.47	150.0	H	159.0	2.9
1324.500000	41.81	---	74.00	32.19	150.0	H	167.0	2.9
2642.000000	49.10	---	74.00	24.90	150.0	H	348.0	10.1
2654.000000	---	38.76	54.00	15.24	150.0	H	206.0	10.2
5568.000000	54.56	---	74.00	19.44	150.0	H	30.0	15.3
5583.000000	---	43.74	54.00	10.26	150.0	H	2.0	15.3

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

EUT Information

EUT Name:	Microwave Sensor
Model:	HLR22-RVS-B5-35-J
Test Mode:	Low channel
Order No/Sample No:	27223920/A004223701-003
Test Voltage:	DC 5V From DC Source
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.249
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

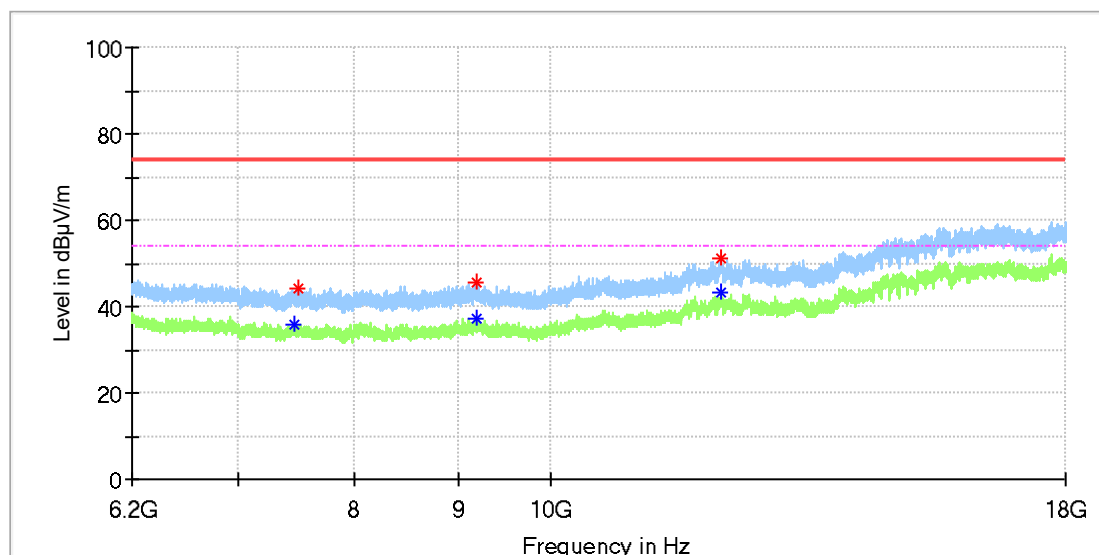
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1291.000000	41.56	---	74.00	32.44	150.0	V	265.0	2.7
1291.000000	---	31.36	54.00	22.64	150.0	V	265.0	2.7
2681.500000	---	38.96	54.00	15.04	150.0	V	355.0	10.1
2700.500000	49.89	---	74.00	24.11	150.0	V	0.0	9.9
5575.500000	54.52	---	74.00	19.48	150.0	V	173.0	15.3
5582.000000	---	43.61	54.00	10.39	150.0	V	278.0	15.3

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

EUT Information

EUT Name:	Microwave Sensor
Model:	HLR22-RVS-B5-35-J
Test Mode:	Low channel
Order No/Sample No:	27223920/A004223701-003
Test Voltage:	DC 5V From DC Source
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.249
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

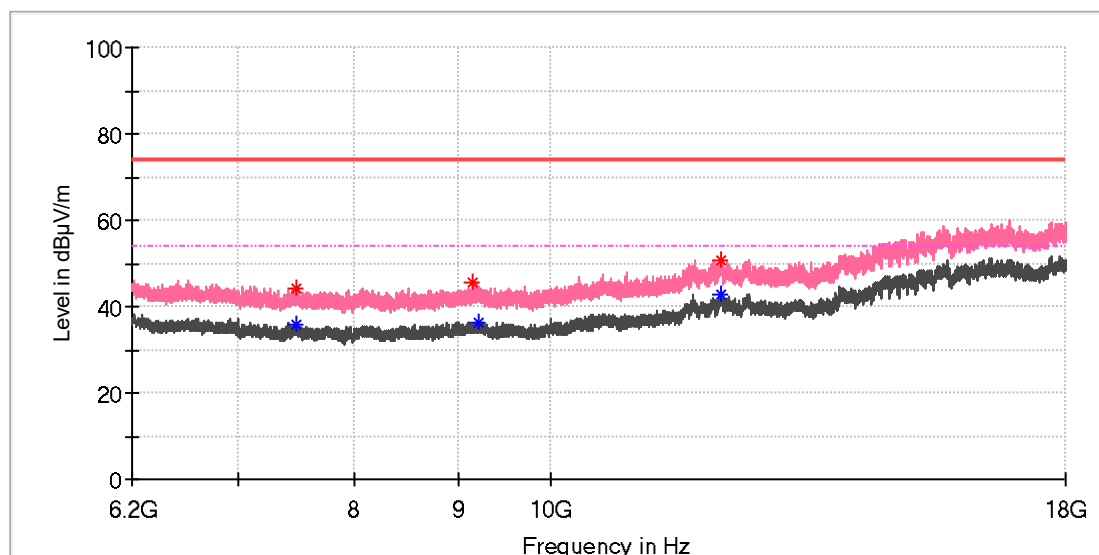
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7467.025000	---	36.01	54.00	17.99	150.0	H	0.0	8.6
7491.116667	44.24	---	74.00	29.76	150.0	H	258.0	8.7
9196.216667	45.68	---	74.00	28.32	150.0	H	130.0	10.6
9197.691667	---	37.34	54.00	16.66	150.0	H	157.0	10.6
12149.658333	51.34	---	74.00	22.66	150.0	H	79.0	16.7
12151.625000	---	43.45	54.00	10.55	150.0	H	19.0	16.6

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

EUT Information

EUT Name:	Microwave Sensor
Model:	HLR22-RVS-B5-35-J
Test Mode:	Low channel
Order No/Sample No:	27223920/A004223701-003
Test Voltage:	DC 5V From DC Source
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.249
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

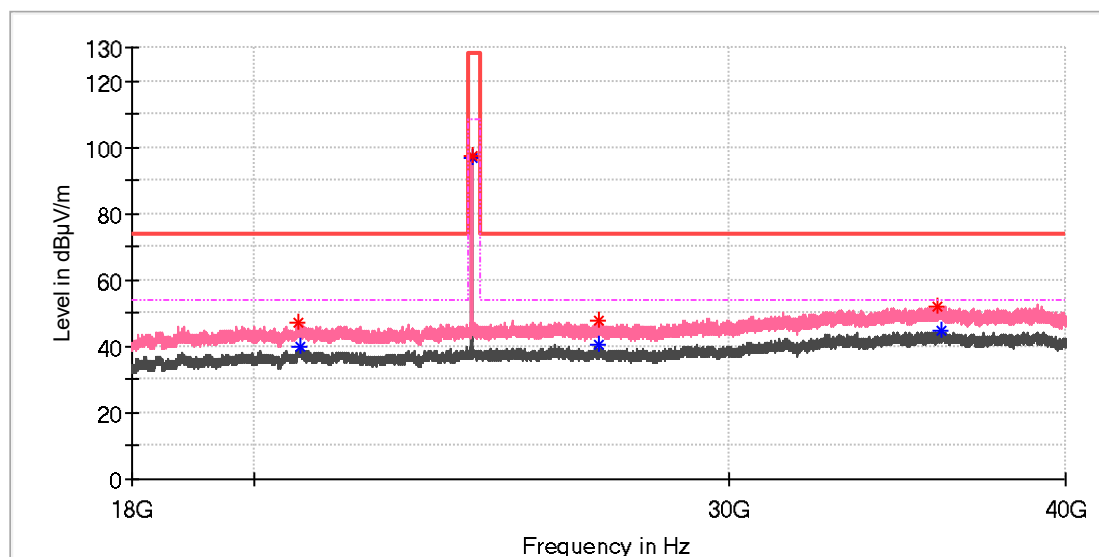
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7482.758333	---	35.71	54.00	18.29	150.0	V	162.0	8.7
7485.216667	44.30	---	74.00	29.70	150.0	V	0.0	8.7
9150.000000	45.72	---	74.00	28.28	150.0	V	175.0	10.4
9201.133333	---	36.40	54.00	17.60	150.0	V	28.0	10.6
12144.250000	50.84	---	74.00	23.16	150.0	V	0.0	16.6
12158.508333	---	42.85	54.00	11.15	150.0	V	327.0	16.3

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

EUT Information

EUT Name:	Microwave Sensor
Model:	HLR22-RVS-B5-35-J
Test Mode:	Low channel
Order No/Sample No:	27223920/A004223701-003
Test Voltage:	DC 5V From DC Source
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.249
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

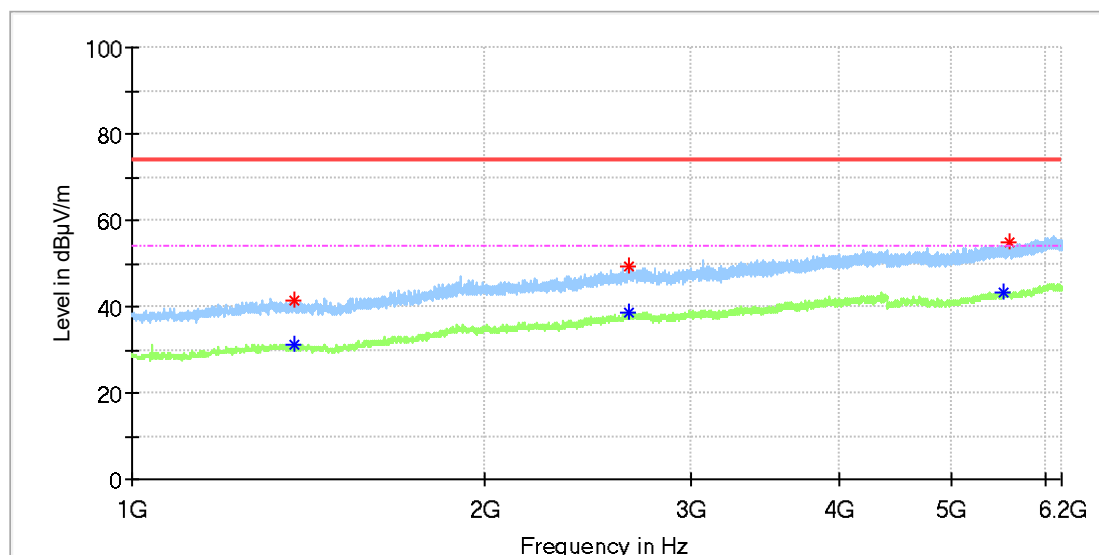
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
20758.937500	47.43	---	74.00	26.57	150.0	V	325.0	-11.2
20795.375000	---	39.66	54.00	14.34	150.0	V	315.0	-11.2
24066.500000	97.51	---	128.00	30.49	150.0	V	9.0	-8.9
24066.500000	---	96.78	108.00	11.22	150.0	V	9.0	-8.9
26833.000000	---	40.40	54.00	13.60	150.0	V	271.0	-8.4
26846.750000	47.51	---	74.00	26.49	150.0	V	245.0	-8.4
35852.312500	51.97	---	74.00	22.03	150.0	V	262.0	-6.6
35938.250000	---	44.88	54.00	9.12	150.0	V	77.0	-6.7

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

EUT Information

EUT Name:	Microwave Sensor
Model:	HLR22-RVS-B5-35-J
Test Mode:	Mid channel
Order No/Sample No:	27223920/A004223701-003
Test Voltage:	DC 5V From DC Source
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.249
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1373.000000	---	31.23	54.00	22.77	150.0	H	201.0	3.0
1377.000000	41.33	---	74.00	32.67	150.0	H	311.0	3.0
2647.500000	49.16	---	74.00	24.84	150.0	H	358.0	10.1
2649.500000	---	38.57	54.00	15.43	150.0	H	230.0	10.1
5531.500000	---	43.41	54.00	10.59	150.0	H	281.0	15.3
5590.500000	54.92	---	74.00	19.08	150.0	H	15.0	15.3

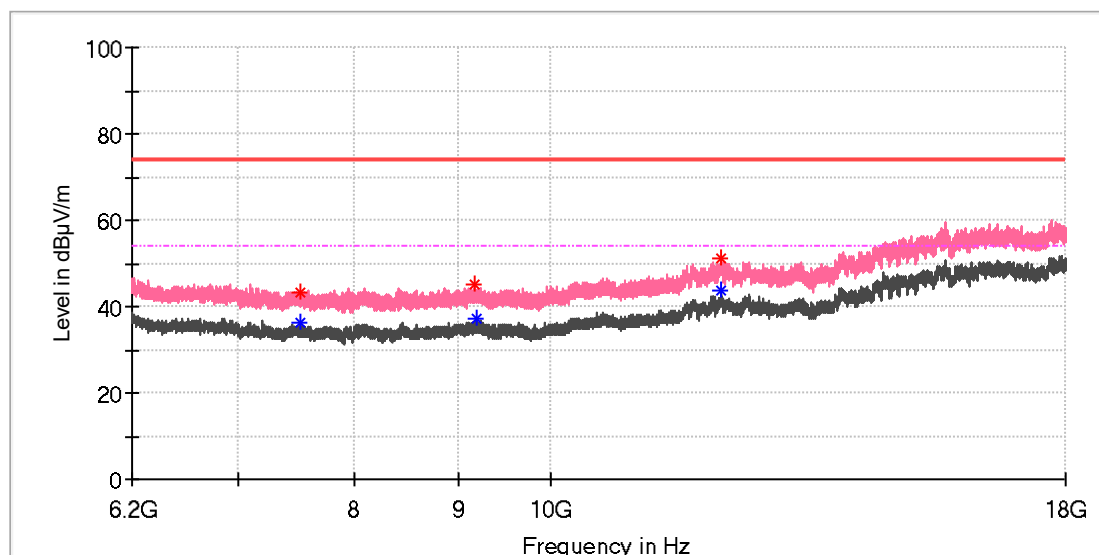
Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

EUT Information

EUT Name:	Microwave Sensor
Model:	HLR22-RVS-B5-35-J
Test Mode:	Mid channel
Order No/Sample No:	27223920/A004223701-003
Test Voltage:	DC 5V From DC Source
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.249
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

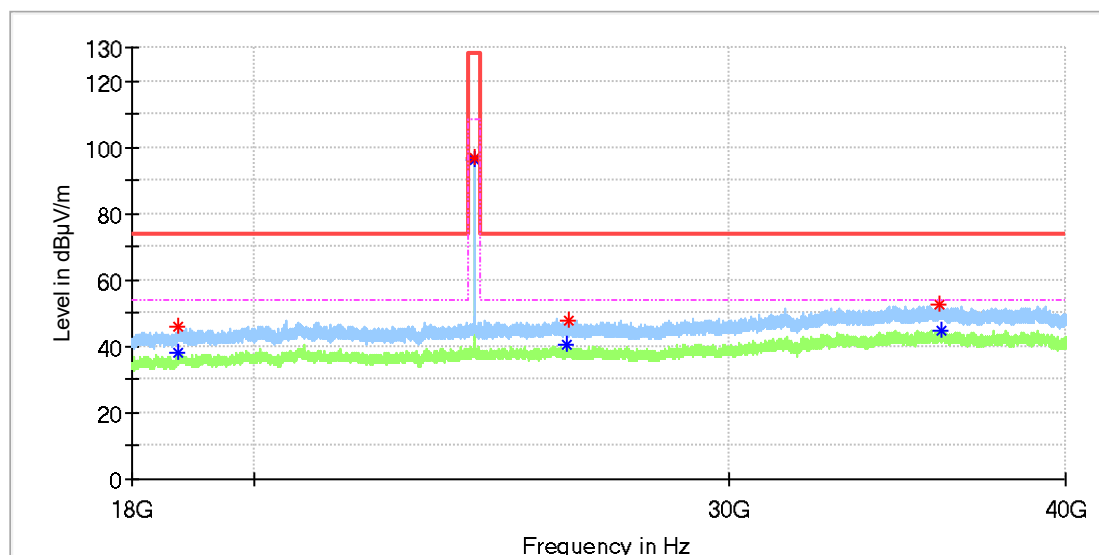
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7507.833333	43.46	---	74.00	30.54	150.0	V	223.0	8.7
7509.800000	---	36.22	54.00	17.78	150.0	V	137.0	8.7
9165.733333	45.24	---	74.00	28.76	150.0	V	123.0	10.5
9193.758333	---	37.21	54.00	16.79	150.0	V	27.0	10.6
12137.858333	---	43.49	54.00	10.51	150.0	V	196.0	16.4
12140.808333	51.36	---	74.00	22.64	150.0	V	0.0	16.5

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

EUT Information

EUT Name:	Microwave Sensor
Model:	HLR22-RVS-B5-35-J
Test Mode:	Mid channel
Order No/Sample No:	27223920/A004223701-003
Test Voltage:	DC 5V From DC Source
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.249
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

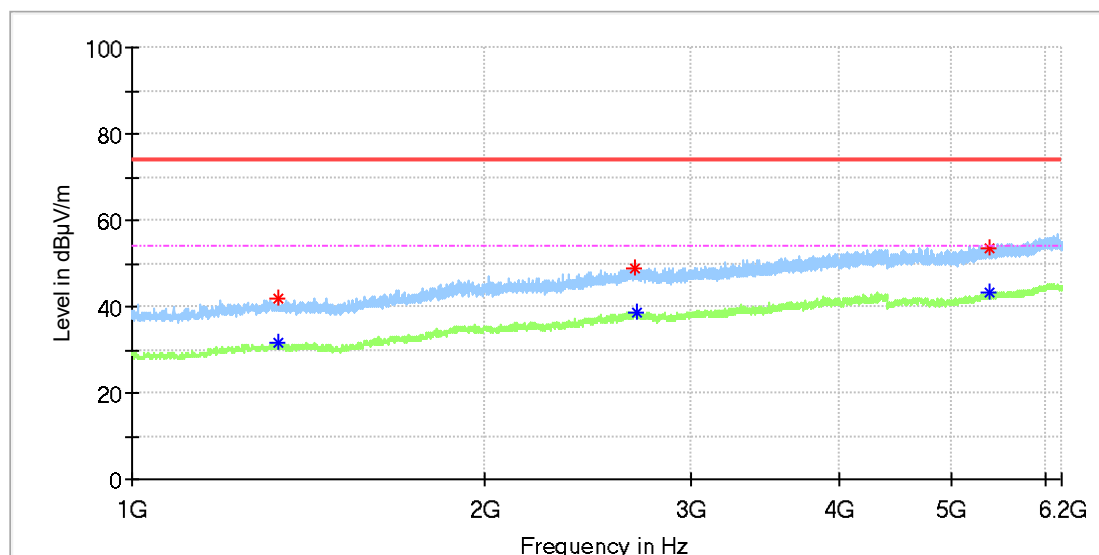
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
18732.875000	---	38.33	54.00	15.67	150.0	H	159.0	-11.6
18739.062500	46.18	---	74.00	27.82	150.0	H	113.0	-11.7
24131.125000	96.61	---	128.00	31.39	150.0	H	176.0	-8.9
24131.125000	---	95.98	108.00	12.02	150.0	H	176.0	-8.9
26104.937500	---	40.52	54.00	13.48	150.0	H	78.0	-8.5
26159.937500	47.93	---	74.00	26.07	150.0	H	35.0	-8.6
35889.437500	52.43	---	74.00	21.57	150.0	H	61.0	-6.6
35943.750000	---	44.67	54.00	9.33	150.0	H	95.0	-6.7

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

EUT Information

EUT Name:	Microwave Sensor
Model:	HLR22-RVS-B5-35-J
Test Mode:	High channel
Order No/Sample No:	27223920/A004223701-003
Test Voltage:	DC 5V From DC Source
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.249
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

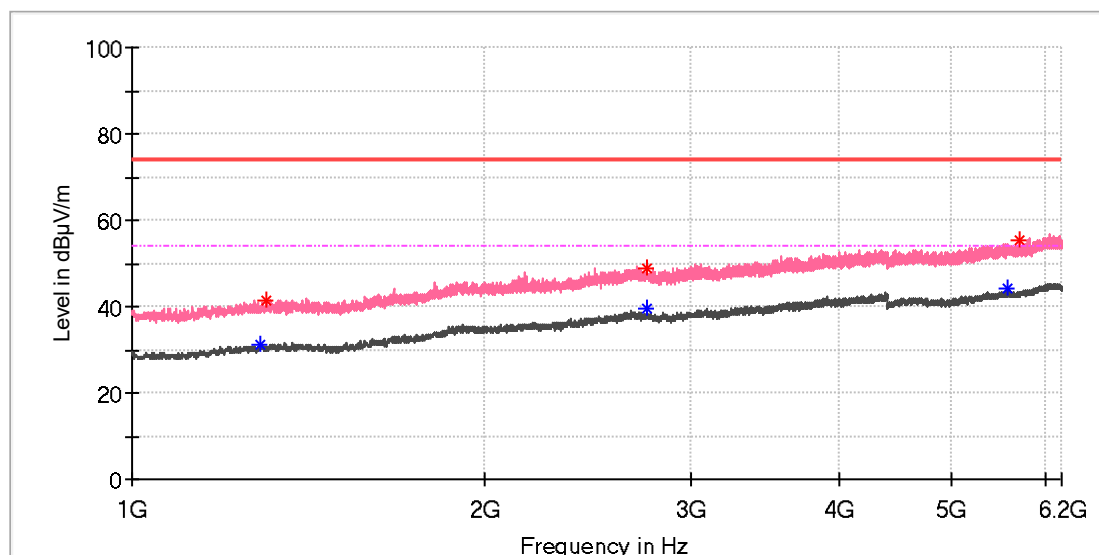
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1331.000000	42.03	---	74.00	31.97	150.0	H	348.0	3.0
1332.000000	---	31.47	54.00	22.53	150.0	H	285.0	3.0
2685.500000	48.77	---	74.00	25.23	150.0	H	354.0	10.1
2695.000000	---	38.78	54.00	15.22	150.0	H	285.0	10.0
5374.500000	53.69	---	74.00	20.31	150.0	H	36.0	14.9
5391.000000	---	43.48	54.00	10.52	150.0	H	51.0	14.9

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

EUT Information

EUT Name:	Microwave Sensor
Model:	HLR22-RVS-B5-35-J
Test Mode:	High channel
Order No/Sample No:	27223920/A004223701-003
Test Voltage:	DC 5V From DC Source
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.249
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1288.000000	---	31.35	54.00	22.65	150.0	V	155.0	2.7
1303.000000	41.54	---	74.00	32.46	150.0	V	281.0	2.8
2743.000000	48.89	---	74.00	25.11	150.0	V	351.0	9.9
2745.000000	---	39.40	54.00	14.60	150.0	V	211.0	9.9
5583.500000	---	44.09	54.00	9.91	150.0	V	21.0	15.3
5703.500000	55.52	---	74.00	18.48	150.0	V	215.0	15.4

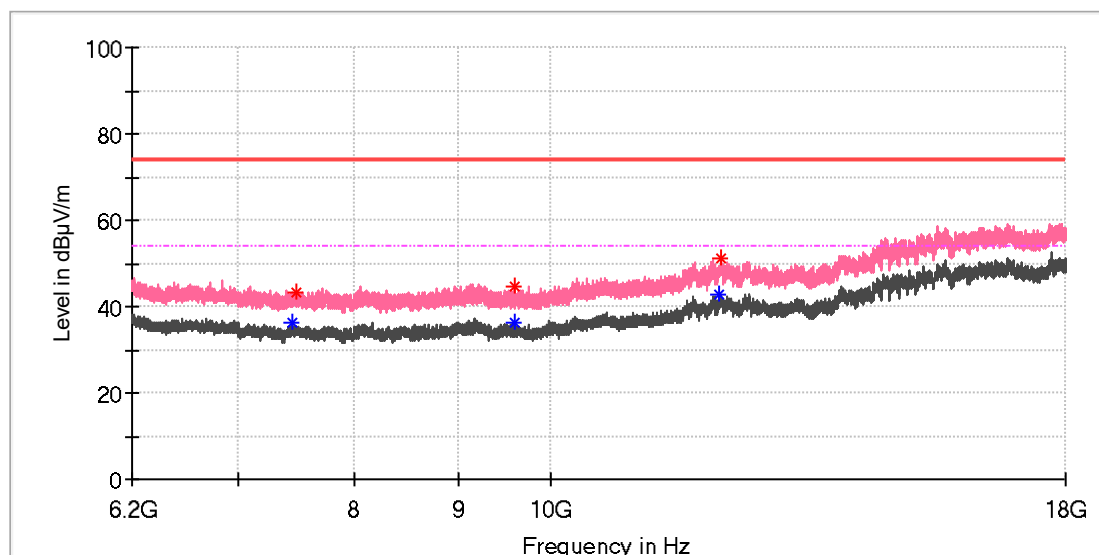
Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

EUT Information

EUT Information

EUT Name:	Microwave Sensor
Model:	HLR22-RVS-B5-35-J
Test Mode:	High channel
Order No/Sample No:	27223920/A004223701-003
Test Voltage:	DC 5V From DC Source
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.249
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7442.441667	---	36.24	54.00	17.76	150.0	V	24.0	8.4
7481.775000	43.36	---	74.00	30.64	150.0	V	227.0	8.7
9596.433333	44.77	---	74.00	29.23	150.0	V	295.0	10.3
9596.433333	---	36.26	54.00	17.74	150.0	V	295.0	10.3
12115.733333	---	42.62	54.00	11.38	150.0	V	57.0	15.8
12149.658333	50.97	---	74.00	23.03	150.0	V	102.0	16.7

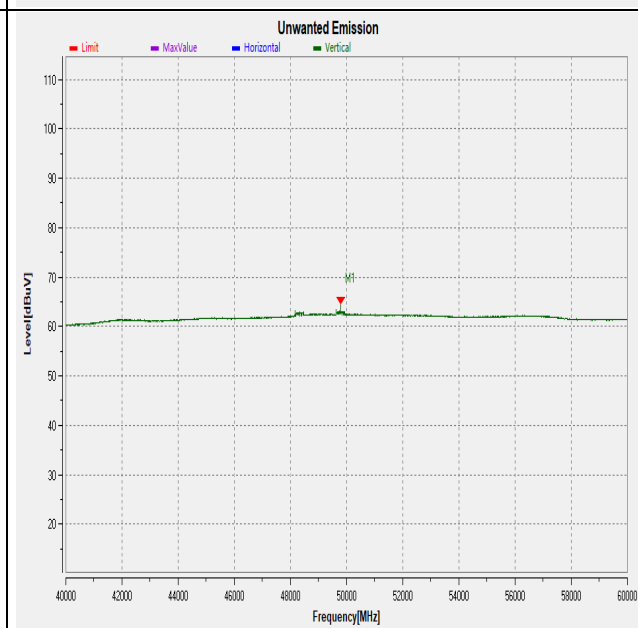
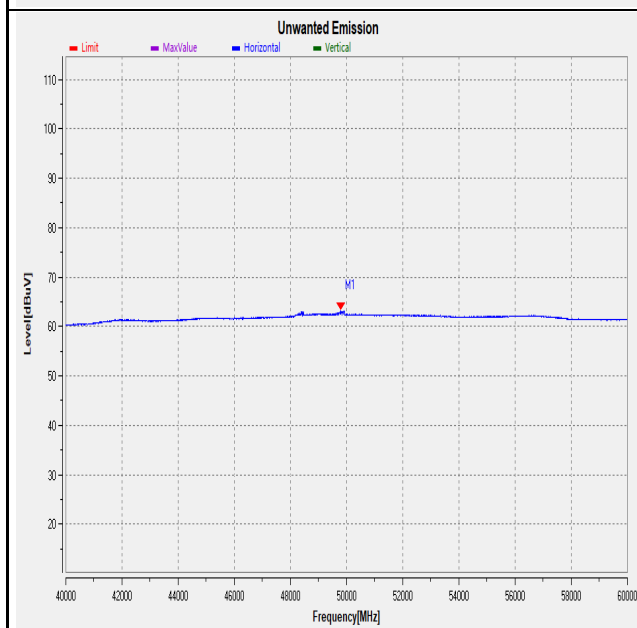
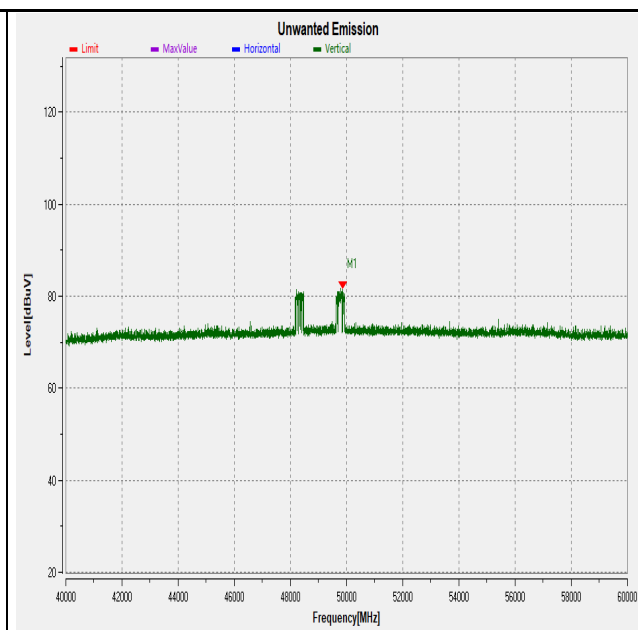
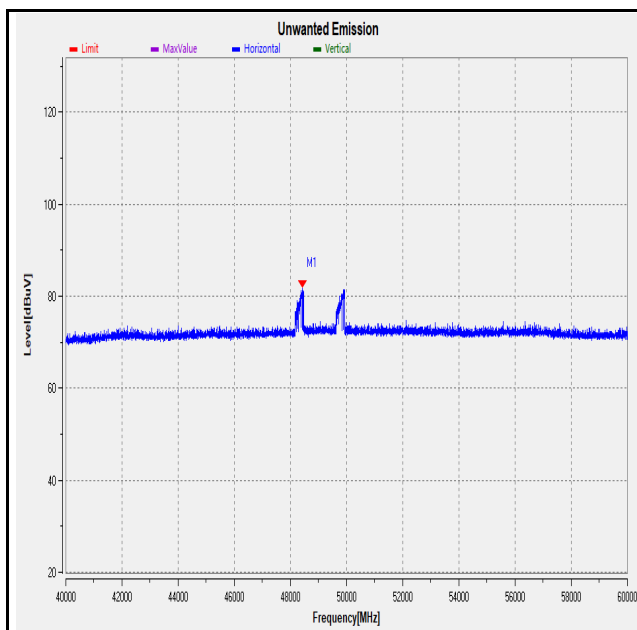
Final Result

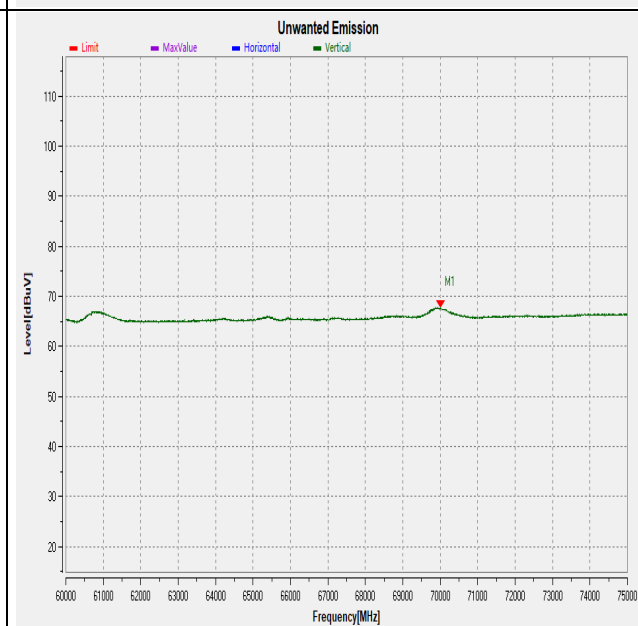
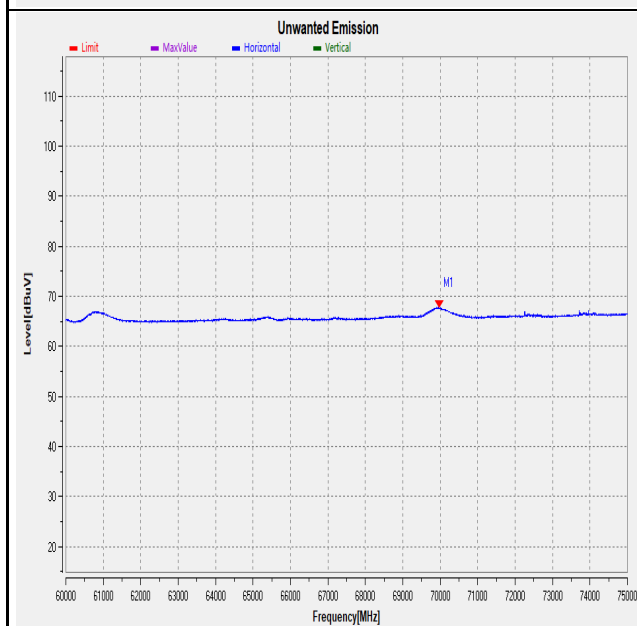
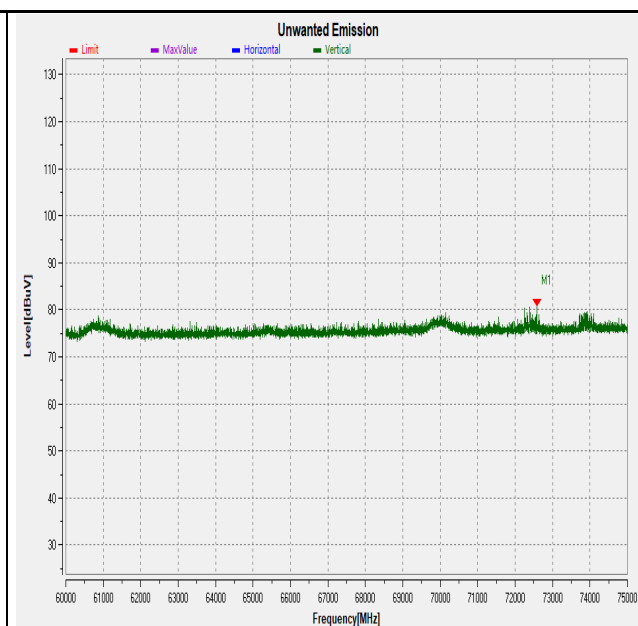
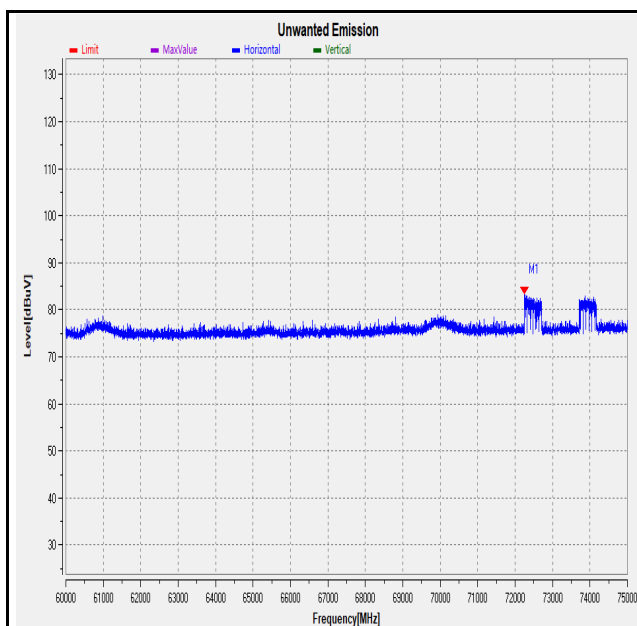
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

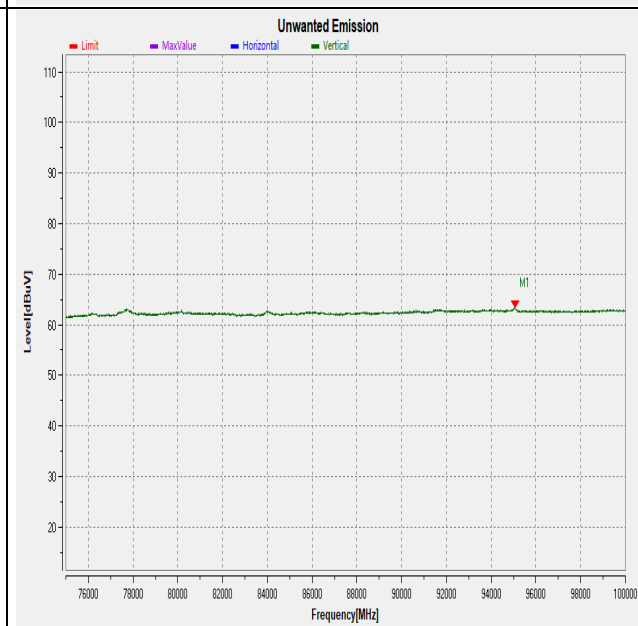
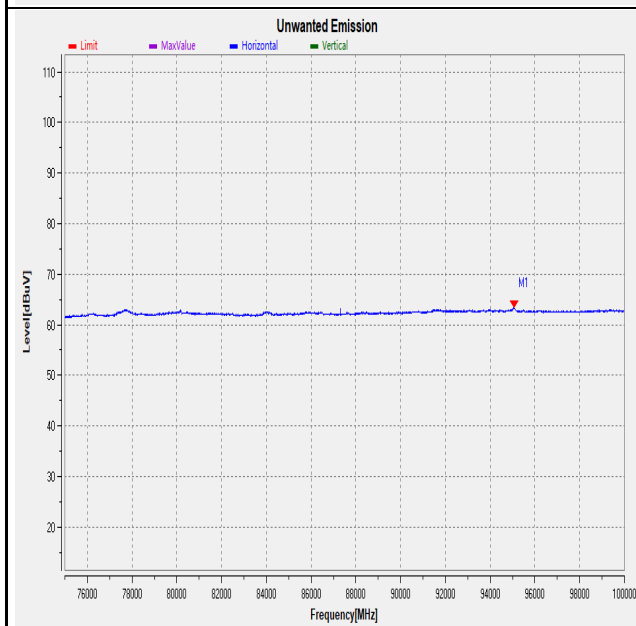
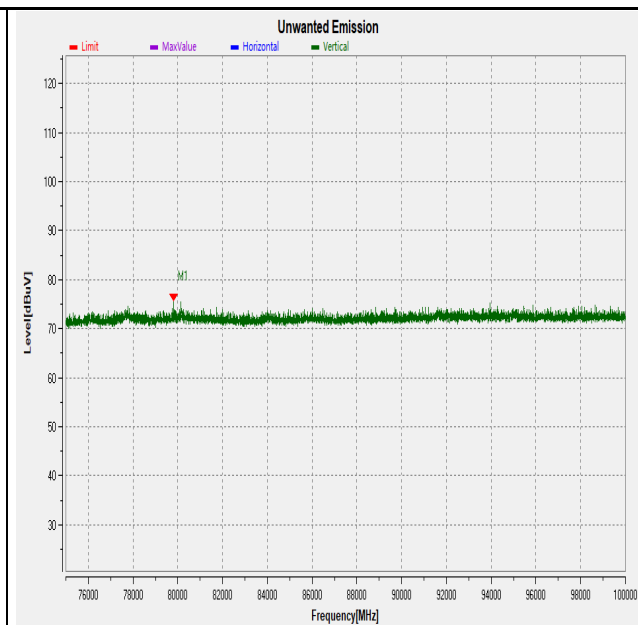
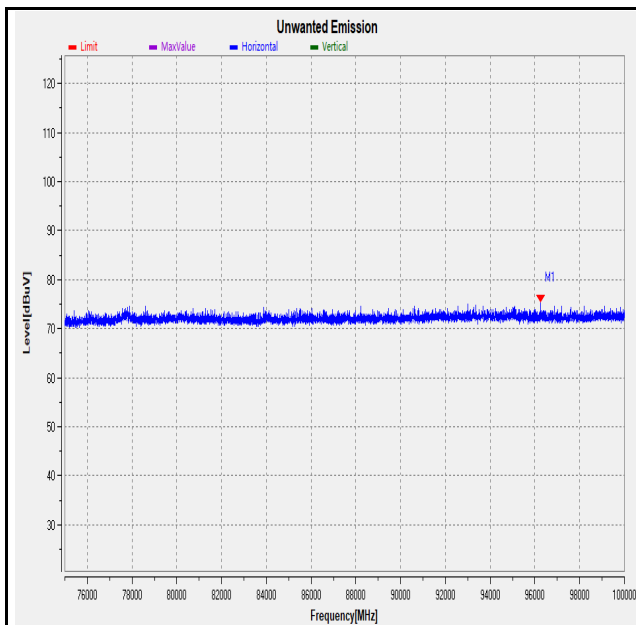
EUT Information

Above 40GHz
Test Distance@1m

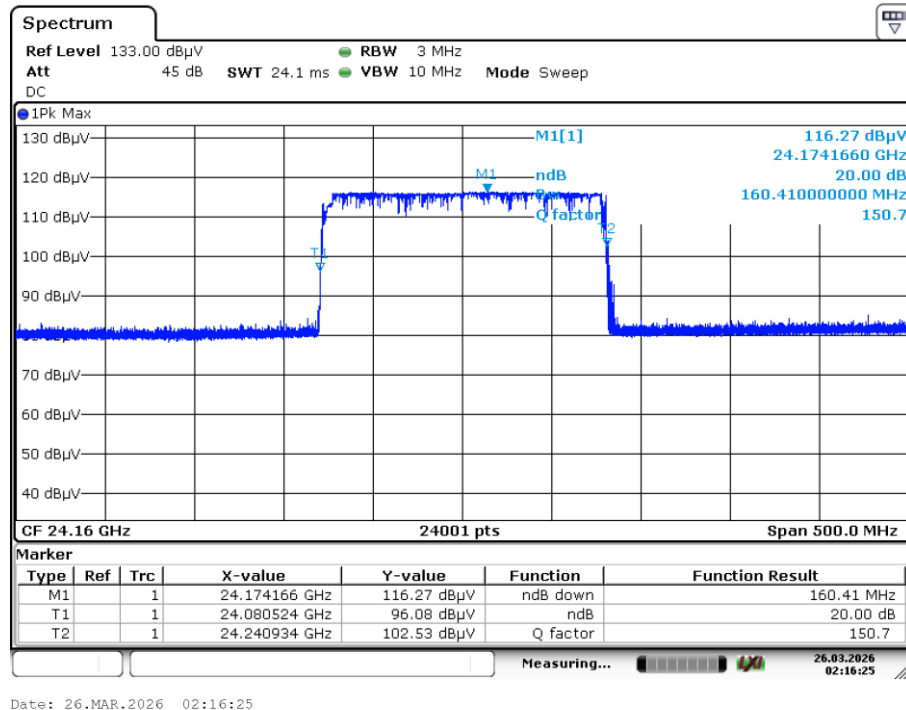
Condition	Mode	Mk No.	Det	RBW (MHz)	VBW (MHz)	Test Distance (m)	Frequency (MHz)	Meas. @1m (dBuV/m)	Ant. Polarity (H/V)	Limit@1m (dBuV/m)	Verdict
NTNV	TM1	M1	PK	1	3	1m	49418.000	81.852	H	97.54	PASS
NTNV	TM1	M1	PK	1	3	1m	49860.000	81.685	V	97.54	PASS
NTNV	TM1	M1	AV	1	3	1m	49794.000	63.404	H	77.54	PASS
NTNV	TM1	M1	AV	1	3	1m	49792.000	64.596	V	77.54	PASS
NTNV	TM1	M1	PK	1	3	1m	72255.000	83.401	H	97.54	PASS
NTNV	TM1	M1	PK	1	3	1m	72574.500	80.847	V	97.54	PASS
NTNV	TM1	M1	AV	1	3	1m	69973.500	67.809	H	77.54	PASS
NTNV	TM1	M1	AV	1	3	1m	70009.500	67.853	V	77.54	PASS
NTNV	TM1	M1	PK	1	3	1m	96250.000	75.426	H	97.54	PASS
NTNV	TM1	M1	PK	1	3	1m	79807.500	75.688	V	97.54	PASS
NTNV	TM1	M1	AV	1	3	1m	95062.500	63.391	H	77.54	PASS
NTNV	TM1	M1	AV	1	3	1m	95080.000	63.364	V	77.54	PASS





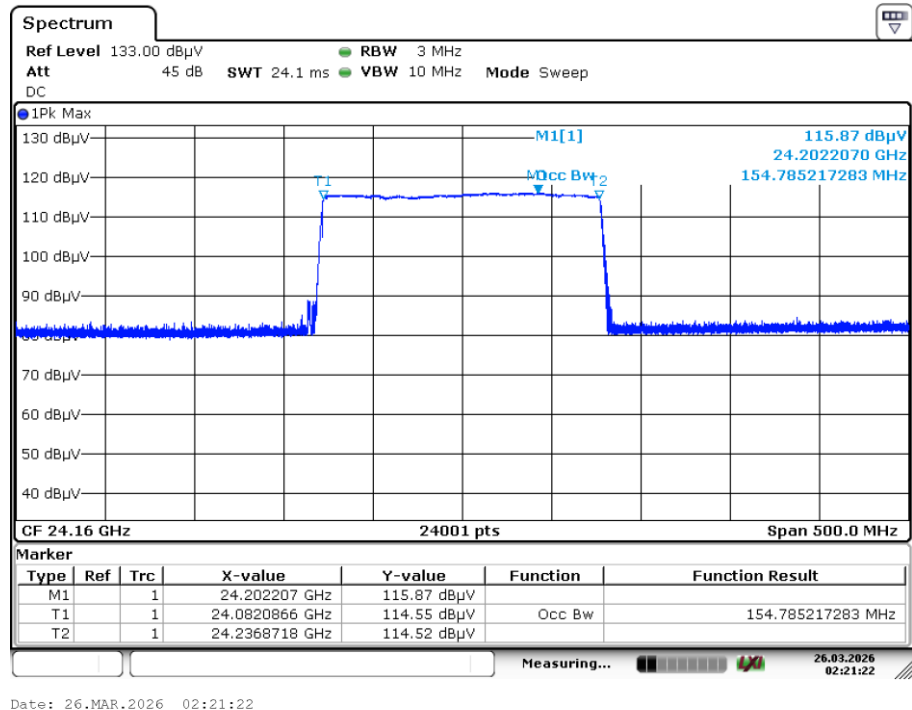


Appendix A.2: Test Results of 20dB Bandwidth



Date: 26.MAR.2026 02:16:25

Appendix A.3: Test Results of 99% Bandwidth



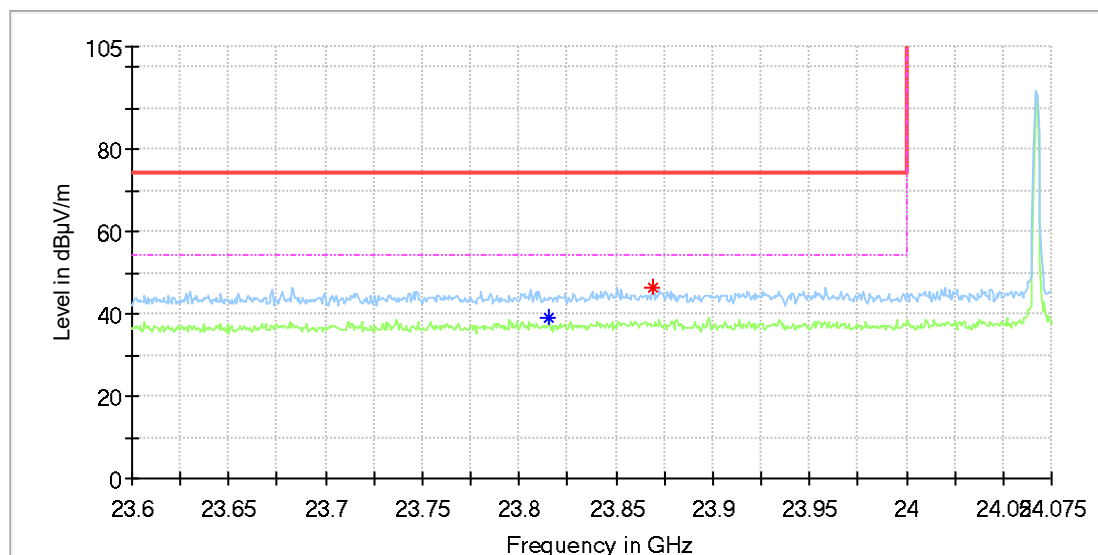
Date: 26.MAR.2026 02:21:22

Appendix A.4: Test Results of Band Edge

Test Distance@3m

EUT Information

EUT Name:	Microwave Sensor
Model:	HLR22-RVS-B5-35-J
Test Mode:	Low channel
Order No/Sample No:	27223920/A004223701-003
Test Voltage:	DC 5V From DC Source
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.249
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

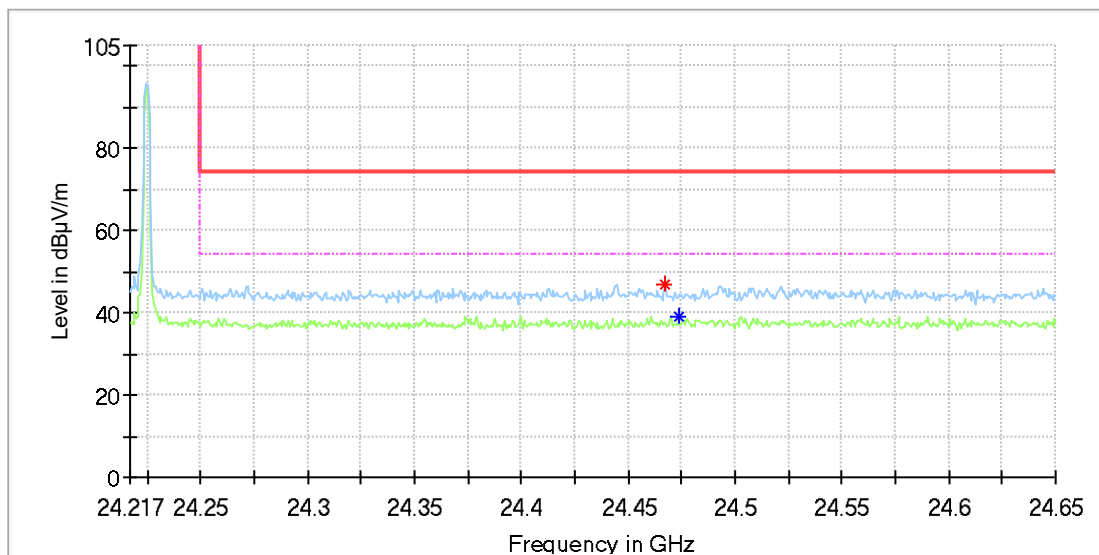
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
23815.562500	---	39.16	54.00	14.84	150.0	H	87.0	-9.2
23869.187500	46.48	---	74.00	27.52	150.0	H	295.0	-9.1

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
100.0	100.0	100.0	100.0	100.0	100.0		100.0	

EUT Information

EUT Name:	Microwave Sensor
Model:	HLR22-RVS-B5-35-J
Test Mode:	High channel
Order No/Sample No:	27223920/A004223701-003
Test Voltage:	DC 5V From DC Source
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.249
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

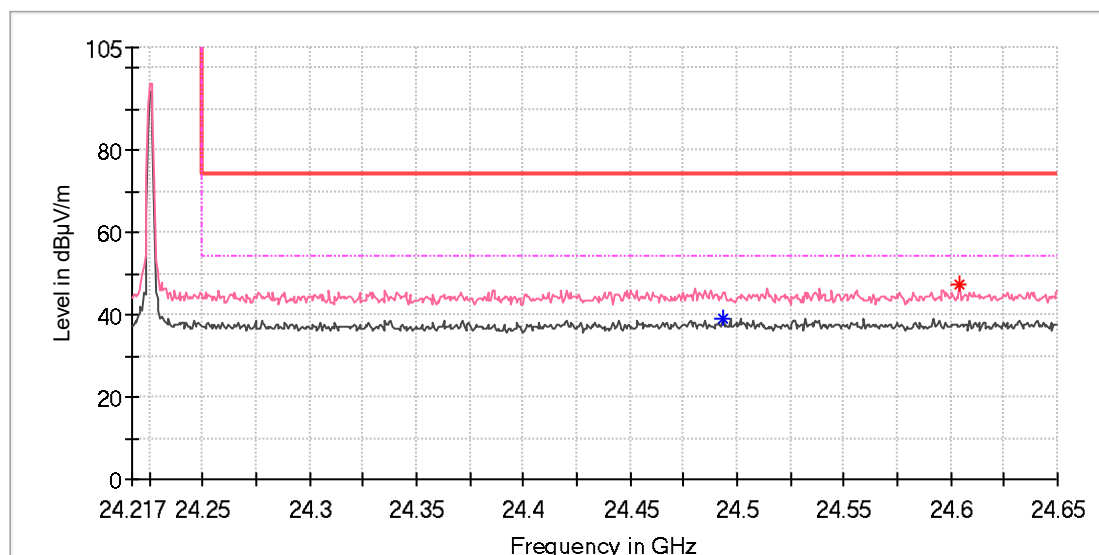
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
24467.312500	47.09	---	74.00	26.91	150.0	H	353.0	-9.2
24473.500000	---	39.22	54.00	14.78	150.0	H	78.0	-9.2

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

EUT Information

EUT Name:	Microwave Sensor
Model:	HLR22-RVS-B5-35-J
Test Mode:	High channel
Order No/Sample No:	27223920/A004223701-003
Test Voltage:	DC 5V From DC Source
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.249
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
24493.437500	---	39.05	54.00	14.95	150.0	V	352.0	-9.2
24604.125000	47.16	---	74.00	26.84	150.0	V	274.0	-9.2

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---