

Prüfbericht-Nr.: Test report no.:	CN25W3WR 002	Auftrags-Nr.: Order no.:	168570031	Seite 1 von 15 Page 1 of 15
Kunden-Referenz-Nr.: Client reference no.:	N/A	Auftragsdatum: Order date:	2025-08-14	
Auftraggeber: Client:	Xiamen Hongfa Electroacoustic Co., Ltd. No.91-101, Sunban South Rd., Jimei North Ind. Dist., Xiamen 361021, China			
Prüfgegenstand: Test item:	KEY FOB			
Bezeichnung / Typ-Nr.: Identification / Type no.:	HF3766R35315 (Trademark: HONGFA)			
Auftrags-Inhalt: Order content:	Test Report			
Prüfgrundlage: Test specification:	CFR Title 47 FCC Part 15.231			
Wareneingangsdatum: Date of sample receipt:	2025-09-22	Please refer to Photo Document		
Prüfmuster-Nr.: Test sample no.:	A004094809-004~028 A004094809-031			
Prüfzeitraum: Testing period:	2025-10-14 - 2025-11-26			
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:	 Lin Lin		genehmigt von: authorized by:	 Jonathan Li
Datum: Date:	2025-11-27		Ausstellungsdatum: Issue date:	2025-11-27
Stellung / Position:	Sachverständige(r)/Expert		Stellung / Position:	Sachverständige(r)/Expert
Sonstiges / Other:	FCC ID: 2A9J4-3766R35315			
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. <i>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.</i>				

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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 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>
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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 115:2023, 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>

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Test Summary

5.1.1 ANTENNA REQUIREMENT

RESULT: Pass

5.1.2 DEACTIVATION OF THE TRANSMISSION

RESULT: Pass

5.1.3 20dB EMISSION BANDWIDTH AND 99%dB BANDWIDTH

RESULT: Pass

5.1.4 FIELD STRENGTH OF FUNDAMENTAL AND UNWANTED EMISSIONS IN THE SPURIOUS DOMAIN

RESULT: Pass

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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.

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, China

A2LA Certificate Number: 5162.01

FCC Registration No.: 694916

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)					
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
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

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

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) 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, 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 KEY which supports 125kHz (Receiver only) and 315MHz (transmitter only) wireless technologies.

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:	KEY FOB
Type Designation:	HF3766R35315 Note1: This product uses pin to pin chips from the same series, and the chips models used in this product are NCF29A1 and NCF29A3 respectively, since they belong to the same series of chips, so the chip HF3766R35315_NCF29A1 arranged fully test and the chip HF3766R35315_NCF29A3 was arranged Deactivation of the Transmission, Field strength and Spurious emissions additional test. Note2: The product has three different color appearances.
Trademark:	HONGFA
FCC ID:	2A9J4-3766R35315
Operating Voltage:	Battery operation (3Vdc, CR2032)
Operating Temperature Range:	-20°C ~ +60°C
Technical Specification of 315MHz	
Operating Frequencies:	315 MHz
Modulation Type:	FSK
Antenna Type:	Integral Antenna

3.3 Independent Operation Modes

The basic operation modes are:

- A. On, Transmitting with operating frequency 315MHz
- 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
- User Manual
- Operation Description

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 testing were performed according to the procedures in ANSI C63.10:2020.

According to clause 3.1, all tests were performed on model HF3766R35315 (NCF29A1 and NCF29A3 versions) in this report.

4.3 Special Accessories and Auxiliary Equipment

Table 4: 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)

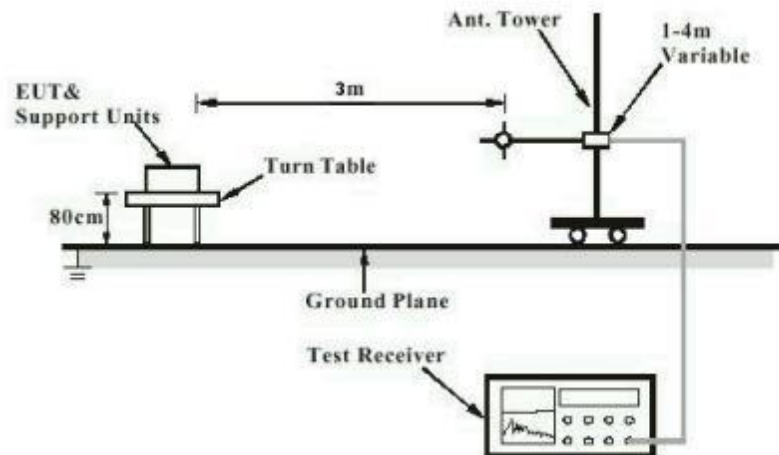


Diagram of Measurement Configuration for Radiation Test (Above 1GHz)

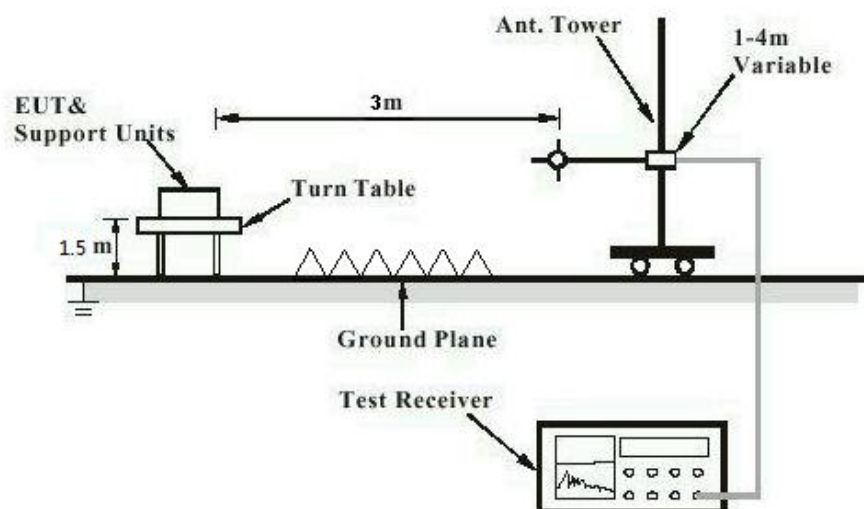


Diagram of Measurement Configuration for Conducted Transmitter Measurement



5 Test Results

5.1 Essential Requirements of Standard

5.1.1 Antenna Requirement

RESULT:

Pass

Test Specification

Test standard	: FCC Part 15.203 The following describes the three ways that can be used to demonstrate compliance to Section 15.203
Limit	: 1. Antenna permanently attached 2. Unique (non-standard) antenna connector 3. Professional installation

According to the manufacturer declared, the EUT have an Integral Antenna, permanent attachment (1) and no consideration of replacement, refer to section 3.2 for details.

Therefore the EUT is considered sufficient to comply with the provision.

Refer to EUT Photo for further details.

5.1.2 Deactivation of the Transmission

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

Test standard	: FCC Part 15.231
Basic standard	: ANSI C63.10:2020
Test requirement	: FCC Part 15.231 (a)(1)
Limits	: A manually operated transmitter shall employ a switch that will automatically deactivate the transmitter within not more than 5 seconds of being released.
Kind of test site	: Shielded Room

Test Setup

Date of testing	: 2025-10-14 to 2025-11-26
Input voltage	: DC 3V by battery
Operation mode	: A
Ambient temperature	: 24.8 °C
Relative humidity	: 53 %
Atmospheric pressure	: 101 kPa

For the measurement records, refer to the appendix A.

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5.1.3 20dB Emission Bandwidth and 99%dB Bandwidth

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

Test standard	: FCC Part 15.231
Basic standard	: ANSI C63.10:2020
Test requirement	: FCC Part 15.231 (c)
Limit	: FCC Part 15.231 (c)
Kind of test site	: Shielded Room

Test Setup

Date of testing	: 2025-10-14 to 2025-11-26
Input voltage	: DC 3V by battery
Operation mode	: A
Ambient temperature	: 24.8 °C
Relative humidity	: 53 %
Atmospheric pressure	: 101 kPa

For the measurement records, refer to the appendix A.

5.1.4 Field strength of fundamental and Unwanted Emissions in the Spurious Domain

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

Test standard	: FCC Part 15.231 & FCC Part 15.205 & FCC Part 15.209
Basic standard	: ANSI C63.10:2020
Test requirement	: CFR47 FCC Part 15.231 (b)(1)(2)(3)
Limits	: FCC Part 15.231 (b)
Kind of test site	: 3m Semi-anechoic Chamber

Test Setup

Date of testing	: 2025-10-14 to 2025-11-26
Input voltage	: DC 3V by battery
Operation mode	: A
Ambient temperature	: Refer to test result
Relative humidity	: Refer to test result
Atmospheric pressure	: Refer to test result

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

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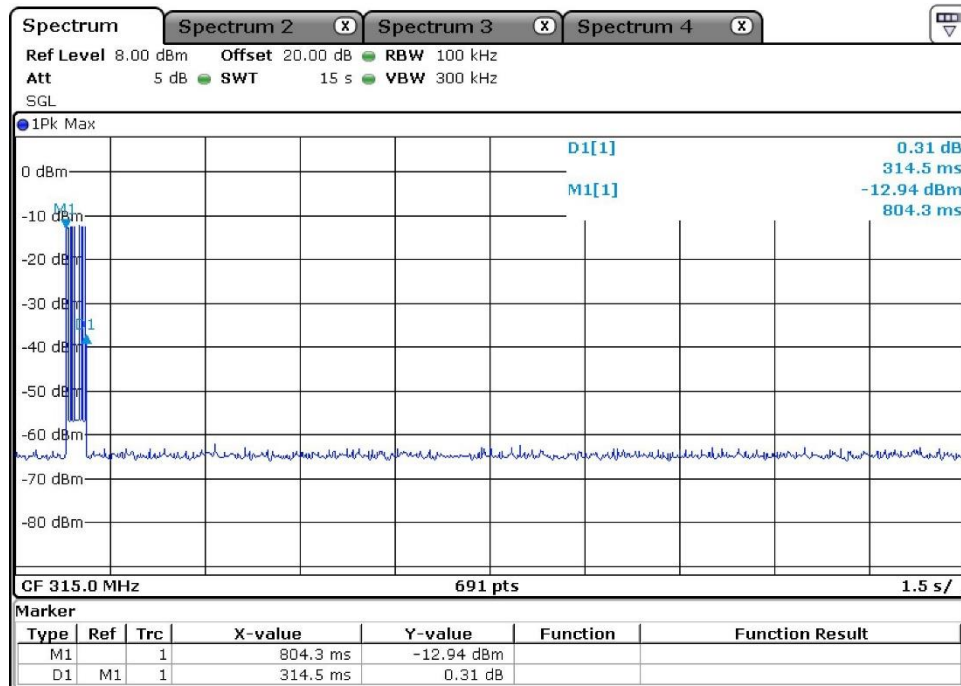
Appendix A: Test Results

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Appendix A.1: Test Results of Deactivation of the Transmission

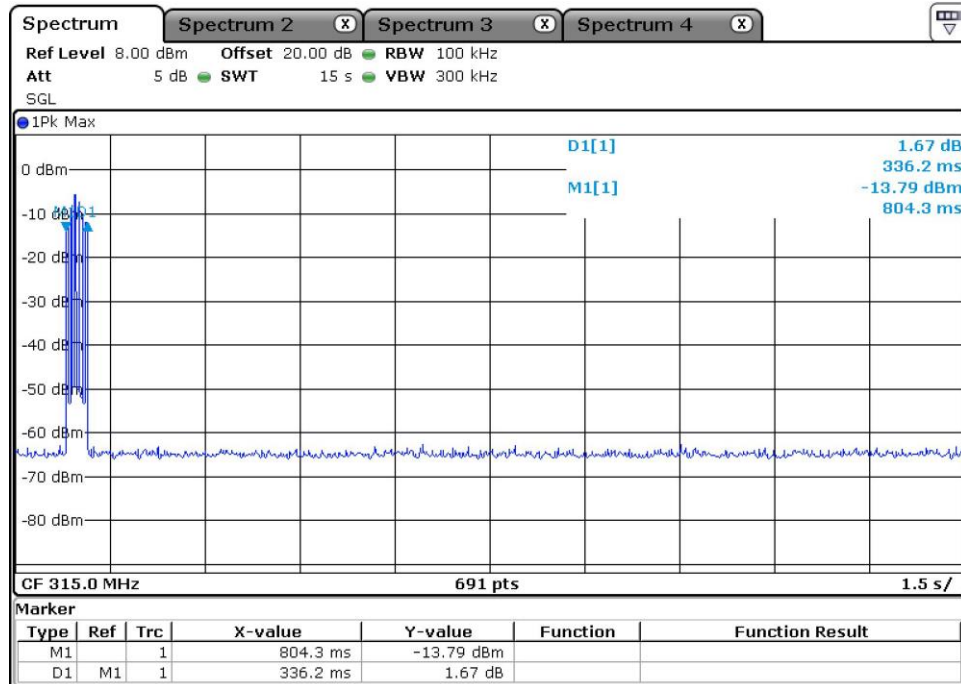
HF3766R35315_NCF29A1

Test Frequency (MHz)	On Time (s)	Limit (s)	Result
315	0.3145	5	Pass



HF3766R35315_NCF29A3

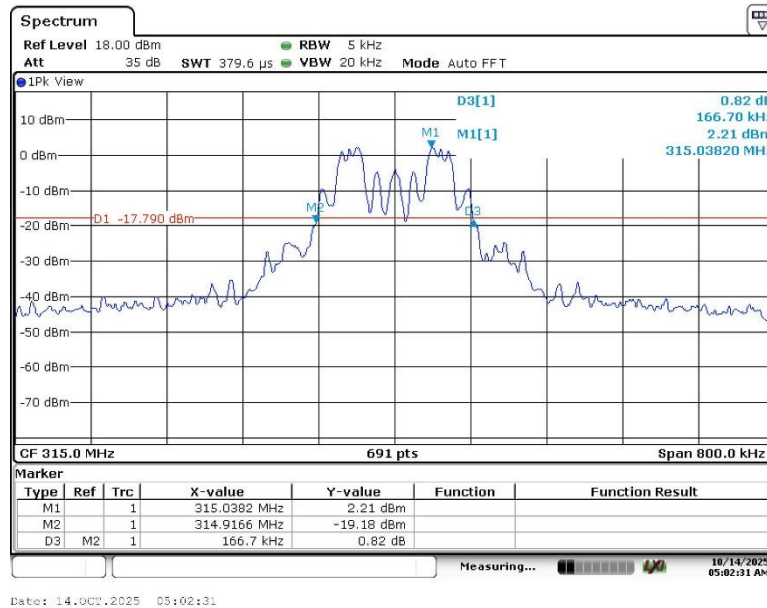
Test Frequency (MHz)	On Time (s)	Limit (s)	Result
315	0.3362	5	Pass



Appendix A.2: Test Results of 20dB Bandwidth

HF3766R35315_NCF29A1

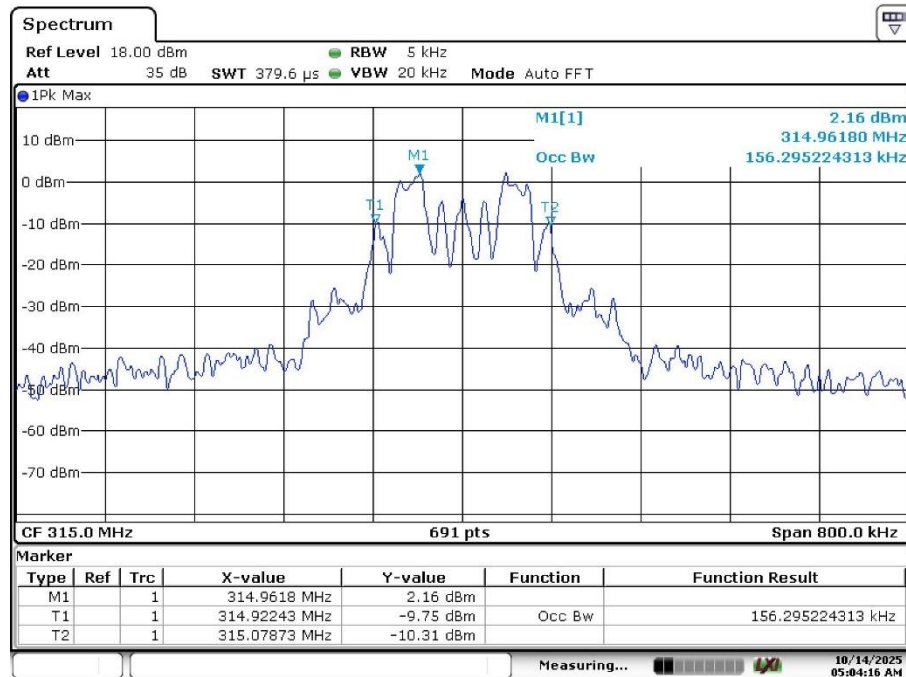
Test Frequency (MHz)	20dB Bandwidth (MHz)	Limit (MHz)	Result
315	0.167	0.788	Pass



Appendix A.3: Test Results of 99% Bandwidth

HF3766R35315_NCF29A1

Operation Frequency (MHz)	99% Bandwidth (MHz)	Limit (MHz)	Result
315	0.156	0.788	Pass



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Appendix A.4: Test Results of Field Strength of Fundamental and Unwanted Emissions in the Spurious Domain

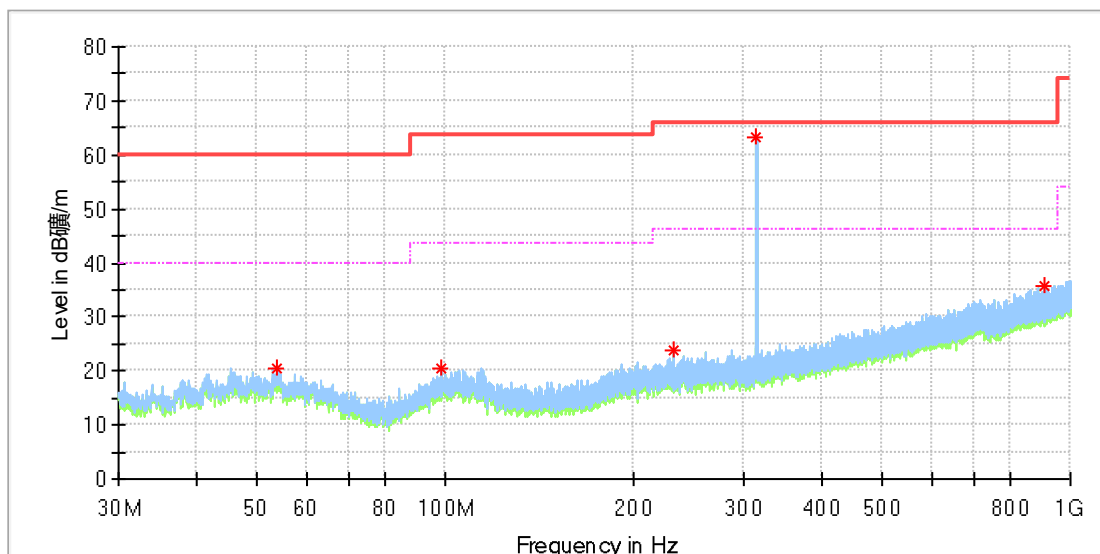
Note: The highest waveform in the figure is 315MHz Fundamental.

HF3766R35315_NCF29A1

30MHz - 1GHz

EUT Information

EUT Name:	KEY FOB
Model:	HF3766R35315_NCF29A1
Test Mode:	315MHz
Order No/Sample No:	168570031/A004094809-013
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

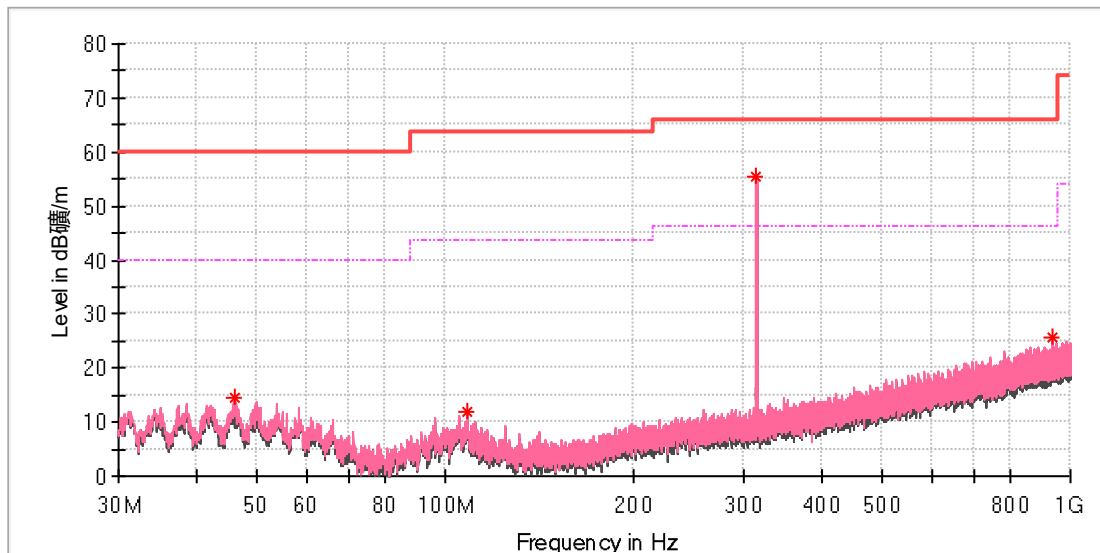
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
53.914231	20.43	---	40.00	19.57	100.0	H	201.0	-18.5
98.422308	20.50	---	43.50	23.00	100.0	H	250.0	-19.3
232.133077	23.96	---	46.00	22.04	100.0	H	196.0	-18.1
314.956154	63.14	---	95.62	32.48	100.0	H	191.0	-15.9
314.956154	---	53.14	75.62	22.48	100.0	H	191.0	-15.9
906.021923	35.84	---	46.00	10.16	100.0	H	116.0	-4.7

Final Result

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

EUT Name: KEY FOB
Model: HF3766R35315_NCF29A1
Test Mode: 315MHz
Order No/Sample No: 168570031/A004094809-013
Test Voltage: Battery
Remark: Temp 23 Humi:56%
Test Standard: FCC Part 15C
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)
45.930385	14.56	---	40.00	25.44	100.0	V	137.0	-18.8
108.607308	11.86	---	43.50	31.64	100.0	V	181.0	-19.1
314.956154	55.53	---	95.62	40.09	100.0	V	337.0	-15.9
314.956154	---	45.53	75.62	30.09	100.0	V	337.0	-15.9
938.442308	25.69	---	46.00	20.31	100.0	V	137.0	-4.4

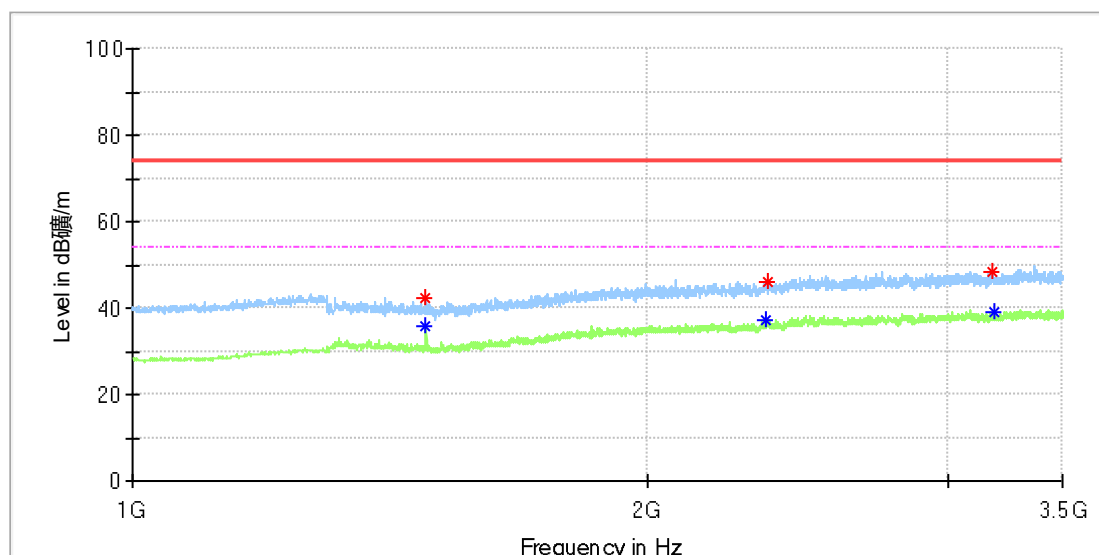
Final_Result

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

Above 1GHz

EUT Information

EUT Name:	KEY FOB
Model:	HF3766R35315_NCF29A1
Test Mode:	315MHz
Order No/Sample No:	168570031/A004094809-013
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

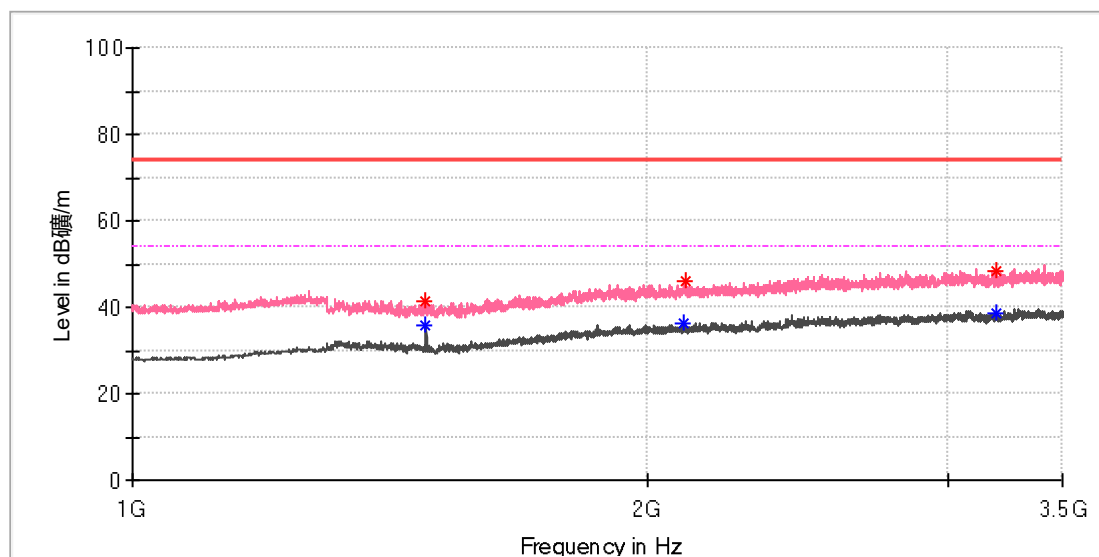
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1484.808333	42.30	---	74.00	31.70	150.0	H	34.0	2.7
1484.808333	---	35.95	54.00	18.05	150.0	H	34.0	2.7
2346.875000	---	37.26	54.00	16.74	150.0	H	63.0	8.4
2354.133333	46.15	---	74.00	27.85	150.0	H	8.0	8.4
3181.583333	48.45	---	74.00	25.55	150.0	H	38.0	10.1
3189.958333	---	38.89	54.00	15.11	150.0	H	278.0	10.1

Final Result

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

EUT Name:	KEY FOB
Model:	HF3766R35315_NCF29A1
Test Mode:	315MHz
Order No/Sample No:	168570031/A004094809-013
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC Part 15C
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)
1484.808333	41.53	---	74.00	32.47	150.0	V	341.0	2.7
1484.808333	---	35.76	54.00	18.24	150.0	V	341.0	2.7
2101.766667	---	36.10	54.00	17.90	150.0	V	267.0	7.5
2108.466667	45.85	---	74.00	28.15	150.0	V	187.0	7.6
3198.333333	---	38.52	54.00	15.48	150.0	V	141.0	10.1
3200.008333	48.56	---	74.00	25.44	150.0	V	20.0	10.1

Final Result

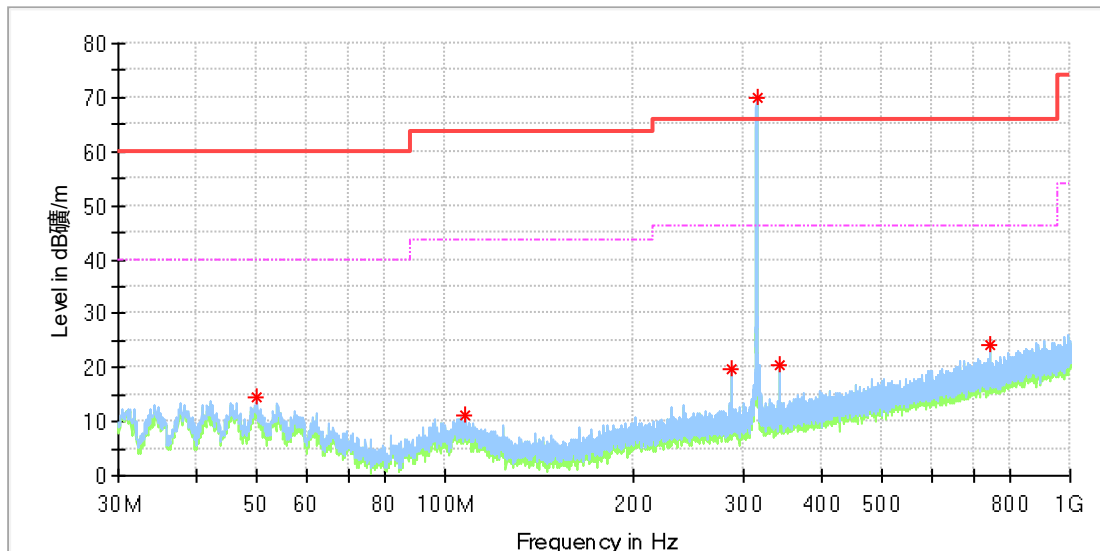
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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HF3766R35315_NCF29A3

30MHz - 1GHz

EUT Information

EUT Name:	KEY FOB
Model:	HF3766R35315_NCF29A3
Test Mode:	315MHz
Order No/Sample No:	168570031/A004094809-013
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

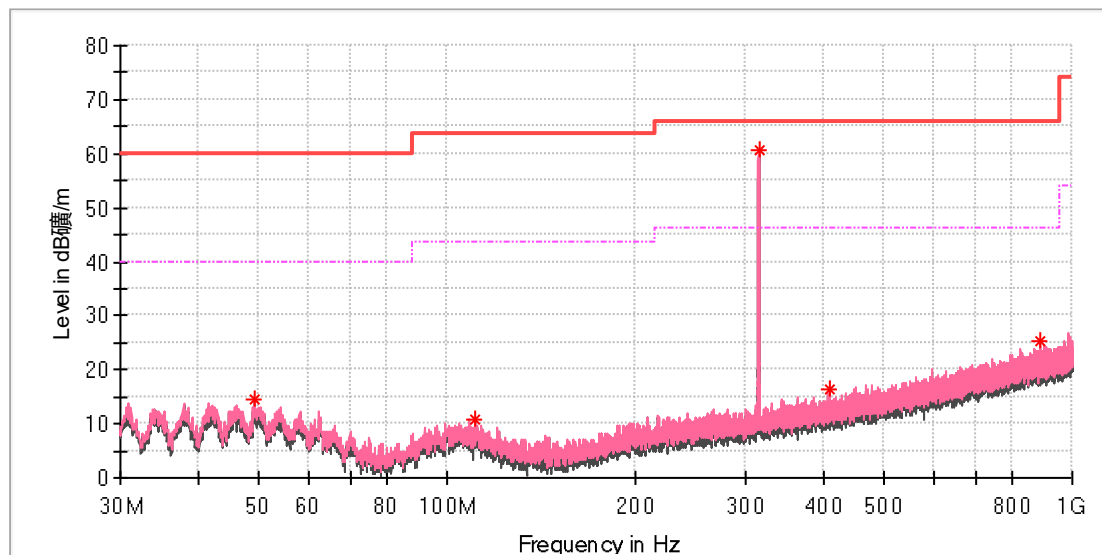
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
50.100556	14.54	---	40.00	25.46	100.0	H	50.0	-18.4
107.977222	11.06	---	43.50	32.44	100.0	H	264.0	-19.1
287.373333	19.89	---	46.00	26.11	100.0	H	277.0	-16.6
314.964444	69.88	---	95.62	25.74	100.0	H	346.0	-15.9
314.964444	---	59.88	75.62	15.74	100.0	H	346.0	-15.9
342.555556	20.64	---	46.00	25.36	100.0	H	332.0	-15.0
742.518889	24.26	---	46.00	21.74	100.0	H	218.0	-7.2

Final_Result

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

EUT Name: KEY FOB
Model: HF3766R35315_NCF29A3
Test Mode: 315MHz
Order No/Sample No: 168570031/A004094809-013
Test Voltage: Battery
Remark: Temp 23 Humi:56%
Test Standard: FCC Part 15C
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)
49.238333	14.51	---	40.00	25.49	100.0	V	213.0	-18.4
111.048889	10.93	---	43.50	32.57	100.0	V	146.0	-19.3
314.964444	60.75	---	95.62	34.87	100.0	V	310.0	-15.9
314.964444	---	50.75	75.62	24.87	100.0	V	310.0	-15.9
410.671111	16.45	---	46.00	29.55	100.0	V	219.0	-13.5
890.982778	25.14	---	46.00	20.86	100.0	V	136.0	-4.9

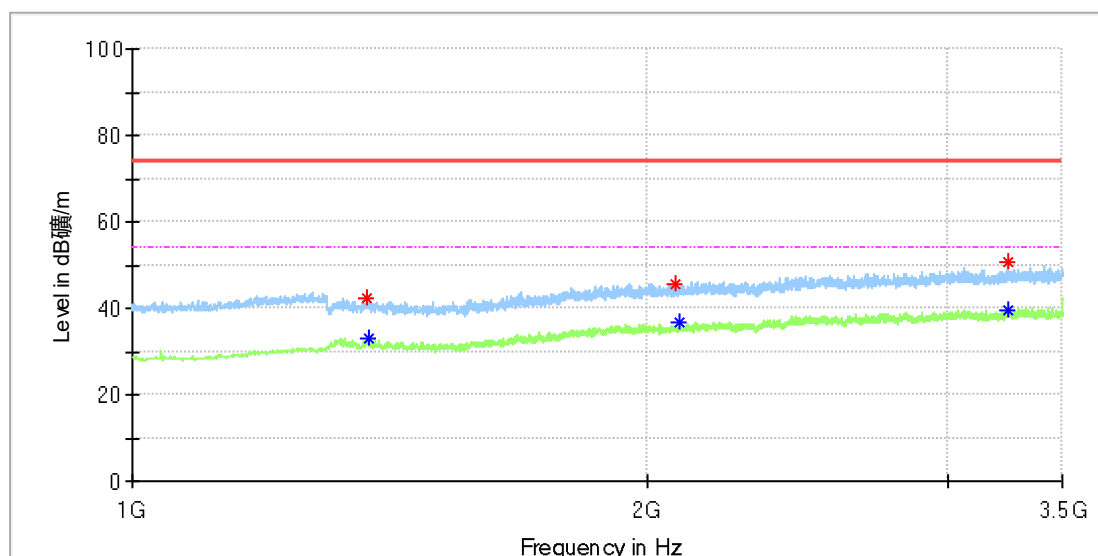
Final Result

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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Above 1GHz

EUT Information

EUT Name:	KEY FOB
Model:	HF3766R35315_NCF29A3
Test Mode:	315MHz
Order No/Sample No:	168570031/A004094809-013
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

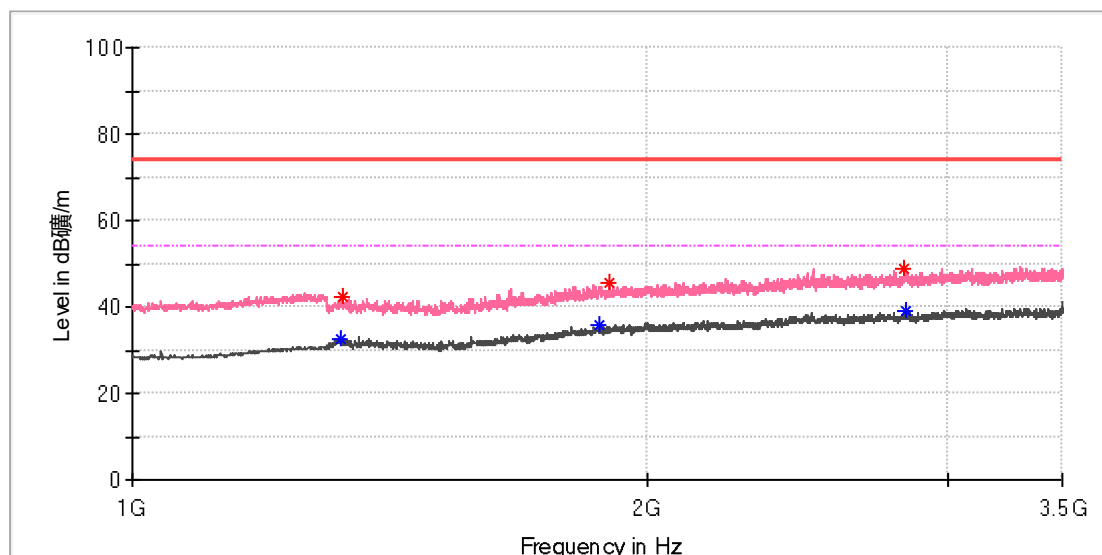
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1372.583333	42.25	---	74.00	31.75	150.0	H	93.0	3.4
1374.258333	---	33.00	54.00	21.00	150.0	H	240.0	3.4
2081.108333	45.78	---	74.00	28.22	150.0	H	57.0	7.5
2092.275000	---	36.71	54.00	17.29	150.0	H	230.0	7.5
3249.700000	50.55	---	74.00	23.45	150.0	H	20.0	10.0
3249.700000	---	39.33	54.00	14.67	150.0	H	20.0	10.0

Final_Result

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

EUT Name:	KEY FOB
Model:	HF3766R35315_NCF29A3
Test Mode:	315MHz
Order No/Sample No:	168570031/A004094809-013
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC Part 15C
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)
1324.008333	---	32.65	54.00	21.35	150.0	V	25.0	3.5
1328.475000	42.17	---	74.00	31.83	150.0	V	100.0	3.5
1877.875000	---	35.84	54.00	18.16	150.0	V	257.0	6.8
1900.766667	45.81	---	74.00	28.19	150.0	V	203.0	7.1
2826.483333	49.06	---	74.00	24.94	150.0	V	51.0	9.6
2835.975000	---	38.95	54.00	15.05	150.0	V	129.0	9.6

Final Result

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