

Prüfbericht-Nr.: <i>Test report no.:</i>	CN2320UT 002	Auftrags-Nr.: <i>Order no.:</i>	168449163	Seite 1 von 16 Page 1 of 16
Kunden-Referenz-Nr.: <i>Client reference no.:</i>	N/A	Auftragsdatum: <i>Order date:</i>	2023-10-24	
Auftraggeber: <i>Client:</i>	IKEA of Sweden AB Box 702, SE-343 81, Älmhult, Sweden			
Prüfgegenstand: <i>Test item:</i>	Cabinet Lock			
Bezeichnung / Typ-Nr.: <i>Identification / Type no.:</i>	E2135			
Auftrags-Inhalt: <i>Order content:</i>	Test Report			
Prüfgrundlage: <i>Test specification:</i>	CFR47 FCC Part 15: Subpart C Section 15.225 CFR47 FCC Part 15: Subpart C Section 15.205 CFR47 FCC Part 15: Subpart C Section 15.209 RSS-210 Issue 10 December 2019 RSS-GEN Issue 5 February 2021			
Wareneingangsdatum: <i>Date of sample receipt:</i>	2023-10-27	Please refer to Photo Document		
Prüfmuster-Nr.: <i>Test sample no.:</i>	A003588606-005			
Prüfzeitraum: <i>Testing period:</i>	2023-11-10 - 2023-11-16			
Ort der Prüfung: <i>Place of testing:</i>	TÜV Rheinland (Shenzhen) Co., Ltd.			
Prüflaboratorium: <i>Testing laboratory:</i>	TÜV Rheinland (Shenzhen) Co., Ltd.			
Prüfergebnis*: <i>Test result*:</i>	Pass			
geprüft von: <i>tested by:</i>	<u>X Hardy Suo</u>	genehmigt von: <i>authorized by:</i>	<u>X Lin Lin</u>	
Datum: <i>Date:</i>	2023-11-20	Ausstellungsdatum: <i>Issue date:</i>	2023-11-20	
Stellung / Position:	Sachverständige(r)/Expert	Stellung / Position:	Sachverständige(r)/Expert	
Sonstiges / <i>Other:</i>	FCC ID: FHO-E2135 IC: 10912A-E2135 HVIN: E2135			
Zustand des Prüfgegenstandes bei Anlieferung: <i>Condition of the test item at delivery:</i>	Prüfmuster vollständig und unbeschädigt <i>Test item complete and undamaged</i>			
* 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
<p>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></p>				

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Prüfbericht-Nr.: CN2320UT 002
Test report no.:

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Anmerkungen
Remarks

1	<p>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.</p> <p><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></p>
2	<p>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.</p> <p><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.</i></p>
3	<p>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.</p> <p><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></p>
4	<p>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.</p> <p><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></p>

Test Summary

5.1.1 ANTENNA REQUIREMENT

RESULT: Pass

5.1.2 20dB AND 99% BANDWIDTH

RESULT: Pass

5.1.3 FREQUENCY STABILITY

RESULT: Pass

5.1.4 RADIATED SPURIOUS EMISSION (IN-BAND & OUT-BAND EMISSIONS)

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.

No. 362 Huanguan Road Middle, Longhua District, 518110, Shenzhen, P. R. China.

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

Unwanted Emission Testing (TS9975)				
Equipment	Manufacturer	Model No.	Serial No.	Cal. Until
EMI Test Receiver	R&S	ESR 7	102021	2024-07-25
Signal Analyzer	R&S	FSV 40	101439	2024-07-25
System Controller Interface	R&S	SCI-100	S10010038	N/A
Filterbank	R&S	Wlan	100759	2024-07-25
OSP	R&S	OSP 120	102040	N/A
Pre-amplifier	R&S	SCU08F1	08320031	2024-07-25
Amplifier	R&S	SCU-18F	180070	2024-07-25
Amplifier	R&S	SCU40A	100475	2024-07-25
Trilog Broadband Antenna (30 MHz - 7 GHz)	Schwarzbeck	VULB 9162	193	2024-08-06
Active Loop Antenna	Schwarzbeck	FMZB 1513	302	2024-08-06
Test software	R&S	EMC32 (V10.60.10)	N/A	N/A
Control PC	Dell	OptiPlex 7050	36NV9P2	N/A
3m Semi-Anechoic Chamber	Albatross	SAC-3m	APC17151-SAC	2024-06-22

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) 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 No. 362 Huanguan Road Middle, Longhua District, 518110, Shenzhen, P. R. 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 Cabinet Lock which supports NFC function.

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:	Cabinet Lock
Type Designation:	E2135
FCC ID:	FHO-E2135
IC:	10912A-E2135
HVIN:	E2135
Operating Voltage:	DC 2.4V (2 x LADDA AA RH06 2450 mAh batteries)
Testing Voltage:	Fully charged batter
Operating Temperature Range:	0 °C ~ +40 °C
Technical Specification of NFC	
Operating Frequency:	13.56 MHz
Type of Modulation:	ASK
Channel Number:	1 channel
Antenna Type:	Coil Antenna

3.3 Independent Operation Modes

The basic operation modes are:

- A. On, NFC transmitting mode
- B. Off

3.4 Noise Generating and Noise Suppressing Parts

Refer to Circuit Diagram for further details.

3.5 Submitted Documents

- Application Form
- Block Diagram
- ID Label and Location Info
- User Manual
- Schematics
- 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 tests were performed according to the procedures in ANSI C63.10: 2013.

According to clause 3.1, all tests were performed on model E2135 in this report.

4.3 Special Accessories and Auxiliary Equipment

Table 4: List of Accessories and Auxiliary Equipment

Description	Manufacturer	Model	S/N
--	--	--	--

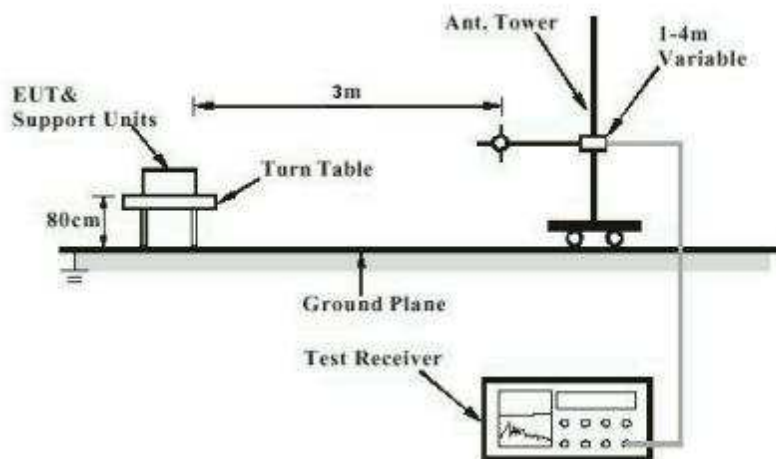
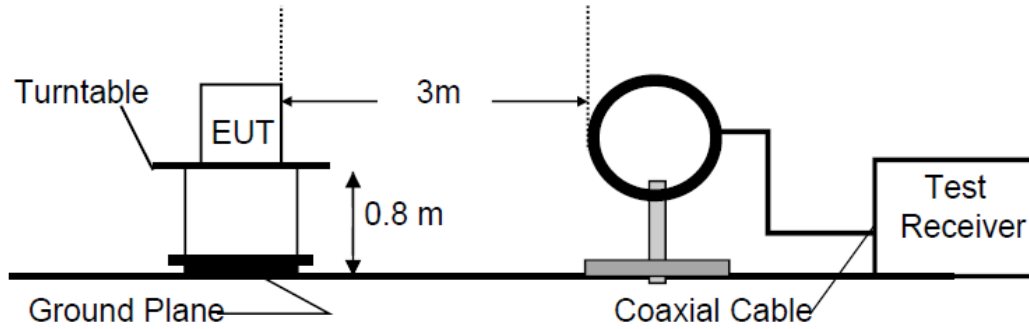
4.4 Countermeasures to Achieve EMC Compliance

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)



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 Coil Antenna, the directional gain of antenna is 0dBi, 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 20dB and 99% Bandwidth

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

Test standard	: FCC Part 15.215 (c) RSS-Gen Section 6.7
Basic standard	: ANSI C63.10: 2013
Limits	: Within assigned band
Kind of test site	: Shielded Room

Test Setup

Date of testing	: 2023-11-10
Input voltage	: Fully charged batter
Operation mode	: A
Ambient temperature	: 22 °C
Relative humidity	: 55 %
Atmospheric pressure	: 101 kPa

For the measurement records, refer to the appendix A.

5.1.4 Radiated Spurious Emission (In-Band & Out-Band Emissions)

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

Test standard : FCC Part 15.225 (a)(b)(c)(d)
FCC Part 15.209 & 15.205
RSS-210 Section B.6

Basic standard : ANSI C63.10: 2013

Limits : Refer to FCC Part 15.209(a)
RSS-210 Section B.6 & RSS-Gen Section 8.9

Kind of test site : 3m Semi-anechoic Chamber

Test Setup

Date of testing : 2023-11-10

Input voltage : Fully charged batter

Operation mode : A

Ambient temperature : 22 °C

Relative humidity : 55 %

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.

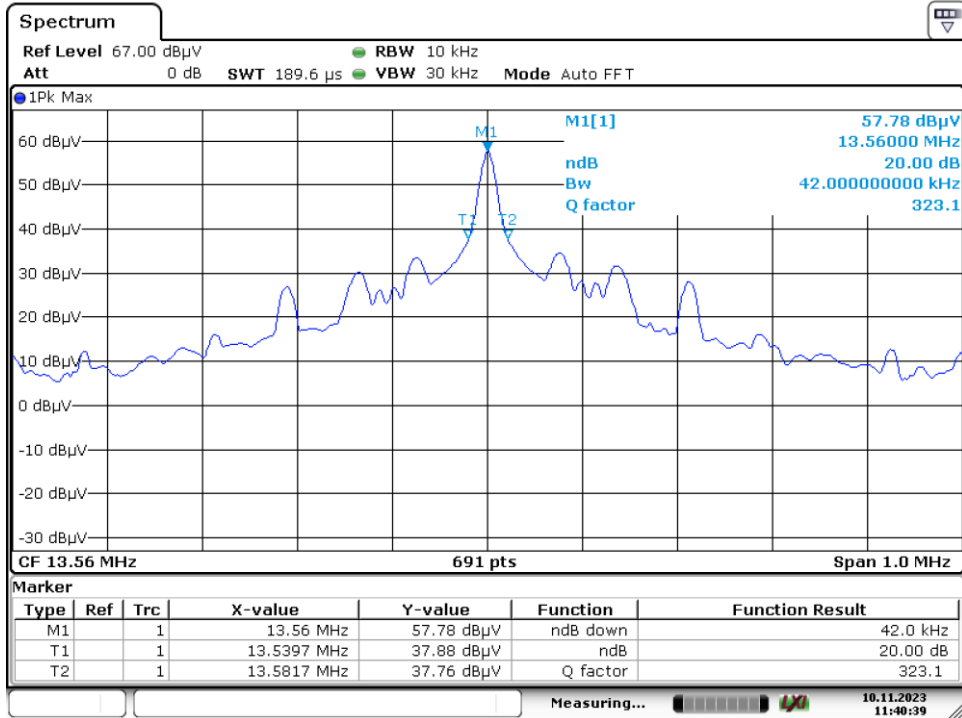
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Appendix A: Test Results

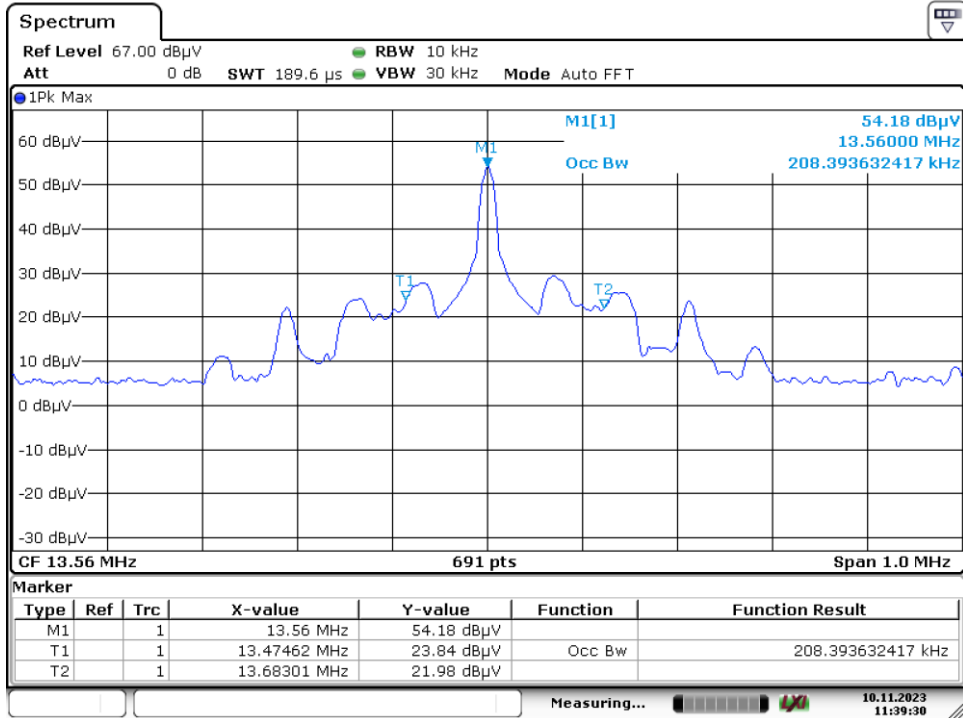
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Appendix A.1: Test Results of 20dB Bandwidth



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Appendix A.2: Test Results of 99% Bandwidth



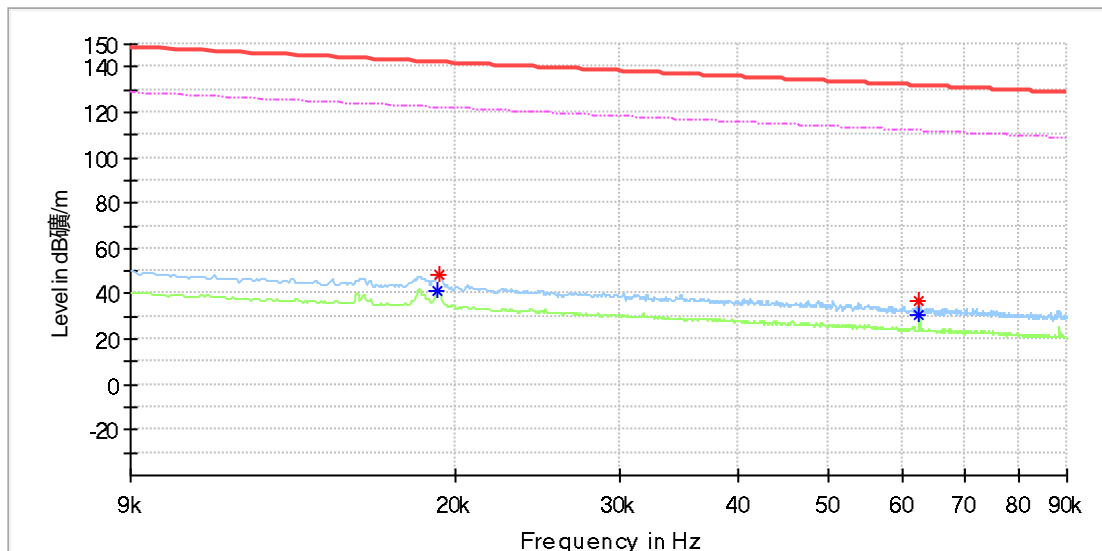
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Appendix A.3: Test Results of Radiated Spurious Emission (In-Band & Out-Band Emissions)

9KHz – 90KHz

EUT Information

EUT Name:	Cabinet Lock
Model:	E2135
Test Mode:	NFC
Order No/Sample No:	168449163/A003588606-005
Test Voltage:	Battery
Remark:	Temp 22 Humi:55%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

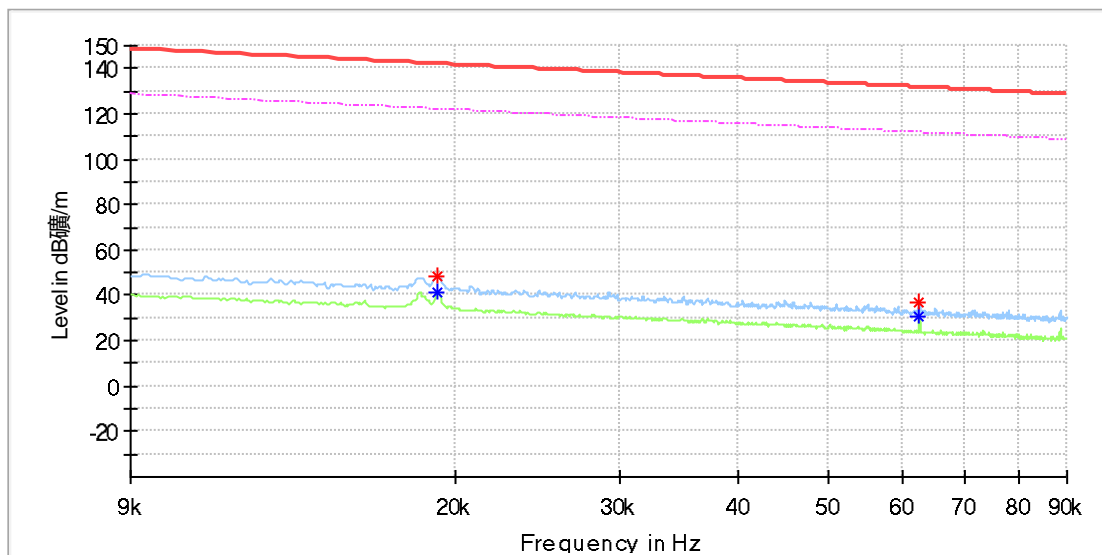


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
0.019125	---	41.53	121.96	80.43	100.0	X	359.0	20.0
0.019241	48.56	---	141.90	93.34	100.0	X	53.0	20.0
0.062576	---	31.02	111.67	80.64	100.0	X	85.0	20.0
0.062634	36.81	---	131.66	94.85	100.0	X	85.0	20.0

EUT Information

EUT Name: Cabinet Lock
 Model: E2135
 Test Mode: NFC
 Order No/Sample No: 168449163/A003588606-005
 Test Voltage: Battery
 Remark: Temp 22 Humi:55%
 Test Standard: FCC Part 15C
 Tested By: Kei Zhang
 Reviewed By: Terry Yin

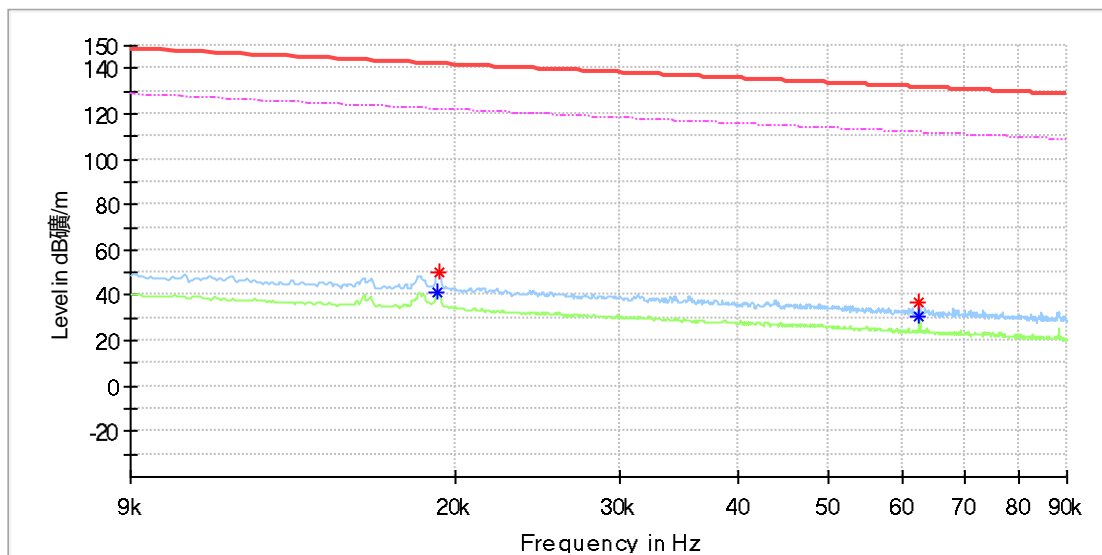


Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
0.019125	48.23	---	141.96	93.72	100.0	Y	329.0	20.0
0.019183	---	41.32	121.93	80.61	100.0	Y	350.0	20.0
0.062634	36.68	---	131.66	94.98	100.0	Y	230.0	20.0
0.062634	---	30.65	111.66	81.01	100.0	Y	230.0	20.0

EUT Information

EUT Name:	Cabinet Lock
Model:	E2135
Test Mode:	NFC
Order No/Sample No:	168449163/A003588606-005
Test Voltage:	Battery
Remark:	Temp 22 Humi:55%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



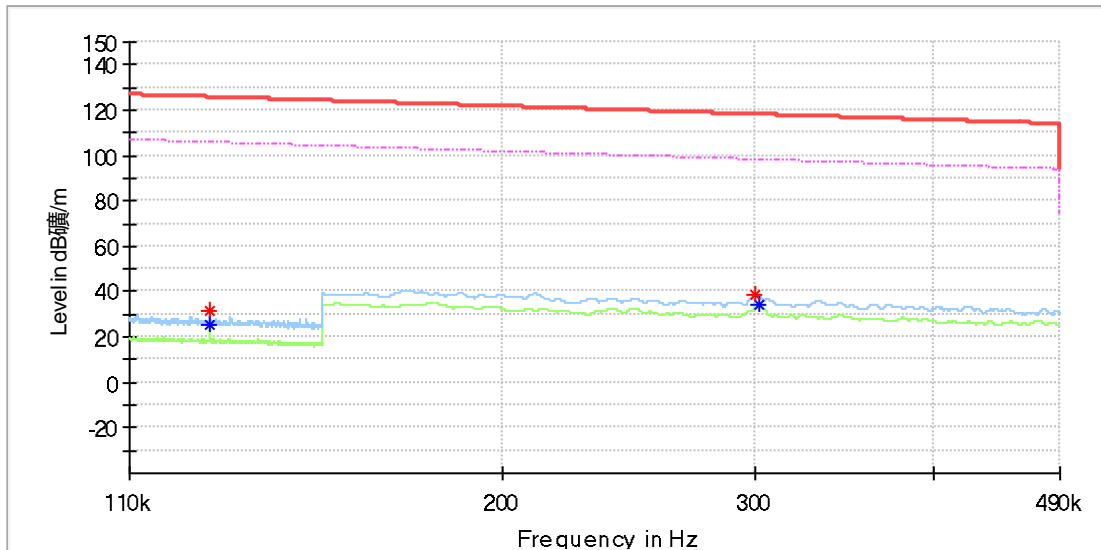
Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
0.019183	---	41.24	121.93	80.69	100.0	Z	332.0	20.0
0.019241	50.17	---	141.90	91.73	100.0	Z	332.0	20.0
0.062576	36.66	---	131.67	95.01	100.0	Z	241.0	20.0
0.062576	---	31.07	111.67	80.60	100.0	Z	241.0	20.0

110KHz – 490KHz

EUT Information

EUT Name:	Cabinet Lock
Model:	E2135
Test Mode:	NFC
Order No/Sample No:	168449163/A003588606-005
Test Voltage:	Battery
Remark:	Temp 22 Humi:55%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

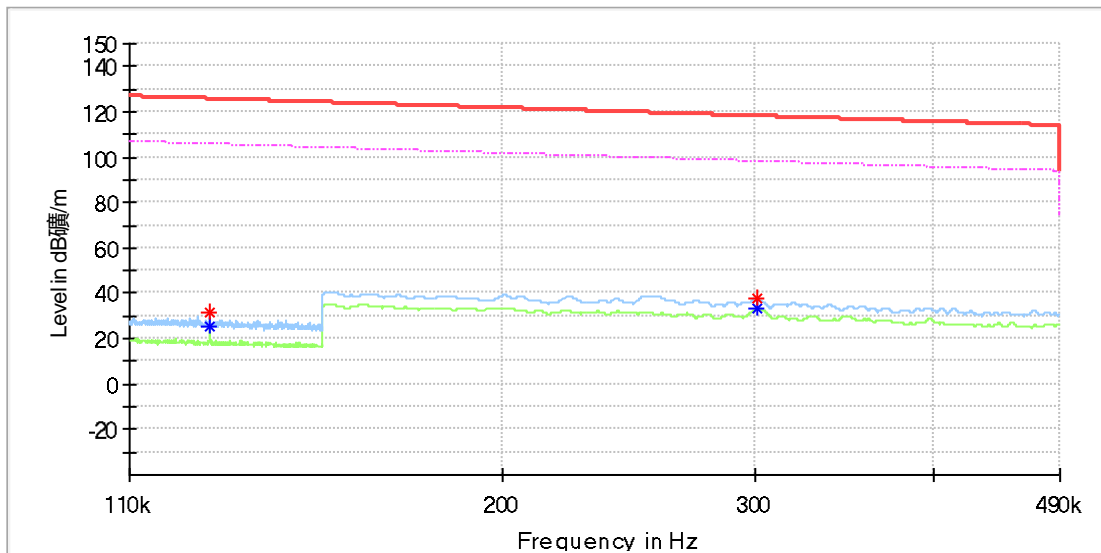


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
0.125200	31.34	---	125.65	94.31	100.0	X	70.0	20.0
0.125200	---	25.70	105.65	79.94	100.0	X	70.0	20.0
0.300650	38.40	---	118.04	79.64	100.0	X	198.0	20.0
0.302300	---	33.95	97.99	64.05	100.0	X	198.0	20.0

EUT Information

EUT Name:	Cabinet Lock
Model:	E2135
Test Mode:	NFC
Order No/Sample No:	168449163/A003588606-005
Test Voltage:	Battery
Remark:	Temp 22 Humi:55%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

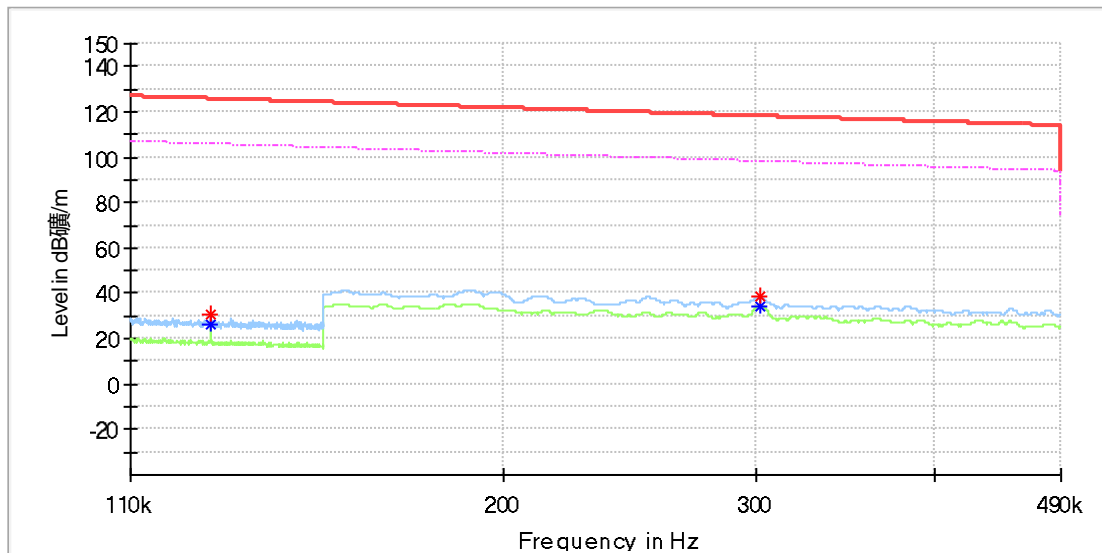


Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
0.125200	31.17	---	125.65	94.48	100.0	Y	0.0	20.0
0.125200	---	25.74	105.65	79.90	100.0	Y	0.0	20.0
0.300900	37.65	---	118.03	80.38	100.0	Y	113.0	20.0
0.301650	---	33.34	98.01	64.68	100.0	Y	113.0	20.0

EUT Information

EUT Name:	Cabinet Lock
Model:	E2135
Test Mode:	NFC
Order No/Sample No:	168449163/A003588606-005
Test Voltage:	Battery
Remark:	Temp 22 Humi:55%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

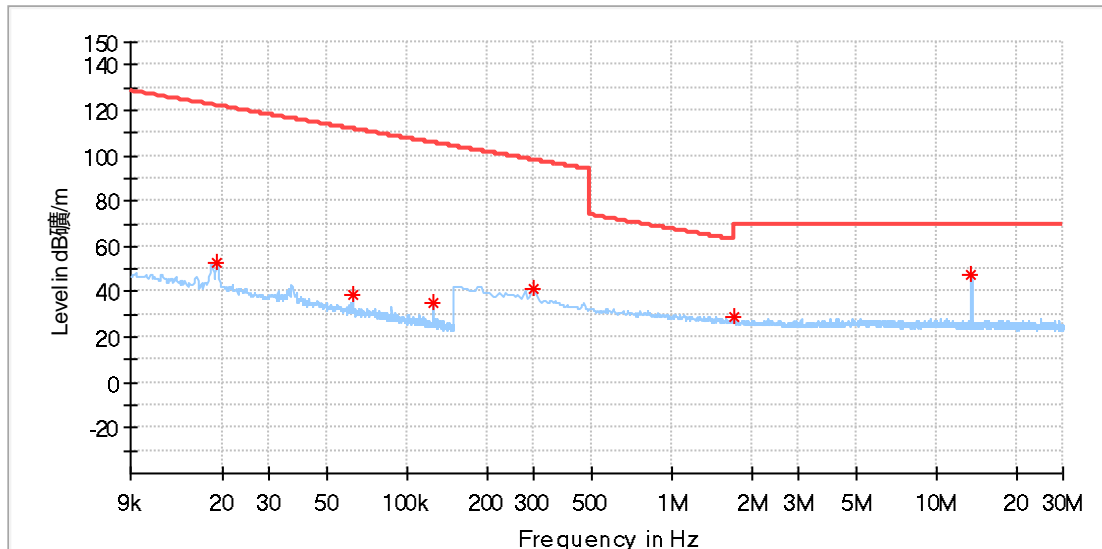
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
0.125143	30.75	---	125.65	94.90	100.0	Z	223.0	20.0
0.125172	---	26.05	105.65	79.60	100.0	Z	209.0	20.0
0.302050	38.35	---	118.00	79.65	100.0	Z	308.0	20.0
0.302400	---	34.56	97.99	63.43	100.0	Z	308.0	20.0

9KHz – 30MHz

Note: The highest waveform in the figure is Fundamental.

EUT Information

EUT Name:	Cabinet Lock
Model:	E2135
Test Mode:	NFC
Order No/Sample No:	168449163/A003588606-005
Test Voltage:	Battery
Remark:	Temp 22 Humi:55%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

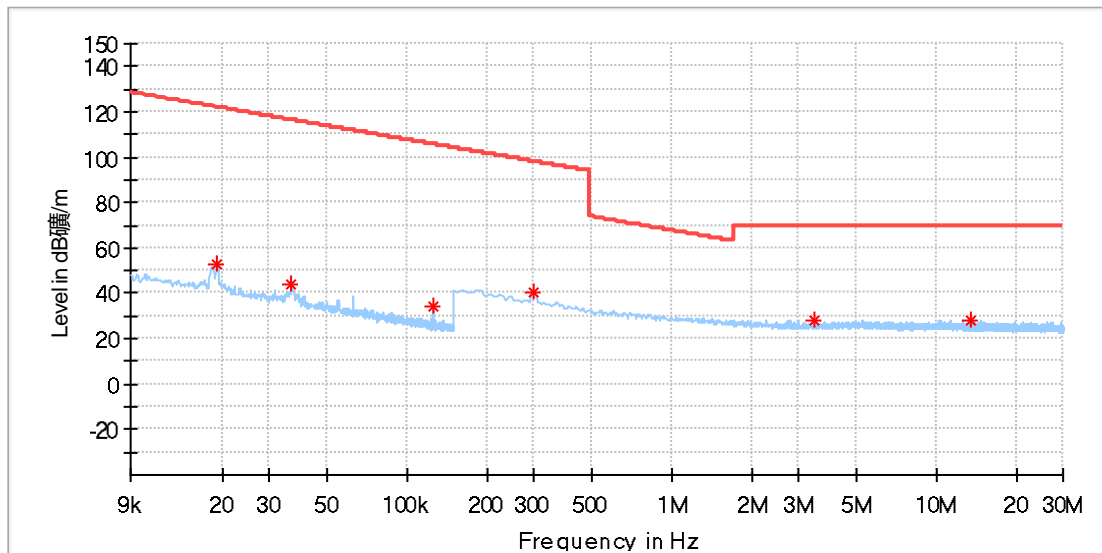
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
0.019071	52.54	121.98	69.44	100.0	X	223.0	20.1
0.062580	38.63	111.67	73.04	100.0	X	341.0	20.1
0.125224	34.78	105.64	70.87	100.0	X	136.0	20.1
0.299250	41.08	98.08	57.00	100.0	X	138.0	20.1
1.725905	29.24	69.50	40.26	100.0	X	174.0	20.2
13.560552	47.90	69.50	21.60	100.0	X	228.0	20.5

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:	Cabinet Lock
Model:	E2135
Test Mode:	NFC
Order No/Sample No:	168449163/A003588606-005
Test Voltage:	Battery
Remark:	Temp 22 Humi:55%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

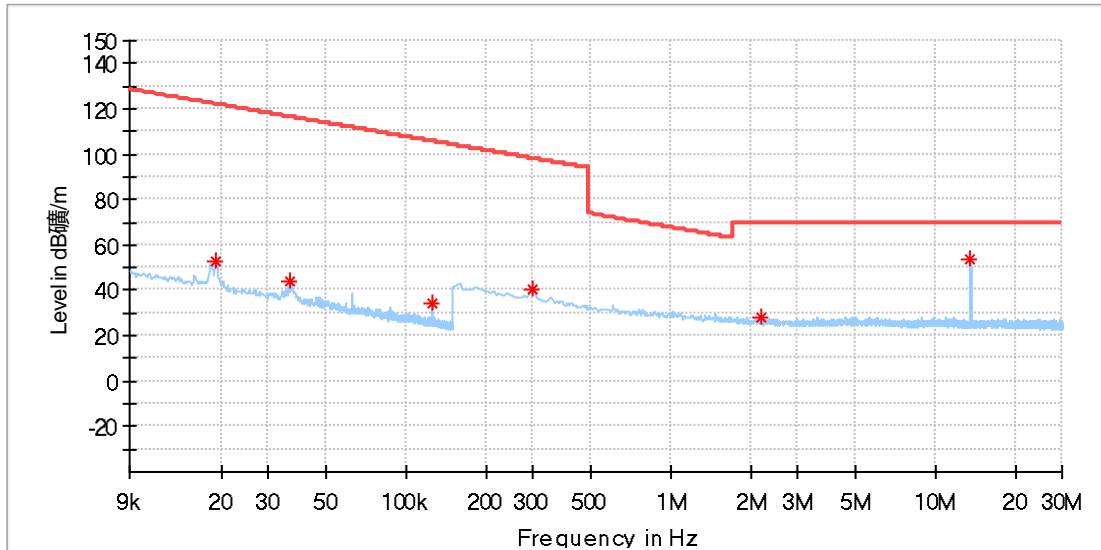
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
0.019172	52.83	121.94	69.11	100.0	Y	74.0	20.1
0.036394	43.58	116.37	72.79	100.0	Y	216.0	20.1
0.125224	34.53	105.64	71.12	100.0	Y	290.0	20.1
0.299250	40.36	98.08	57.72	100.0	Y	96.0	20.1
3.424721	28.42	69.50	41.08	100.0	Y	306.0	20.2
13.560552	28.44	69.50	41.06	100.0	Y	290.0	20.5

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:	Cabinet Lock
Model:	E2135
Test Mode:	NFC
Order No/Sample No:	168449163/A003588606-005
Test Voltage:	Battery
Remark:	Temp 22 Humi:55%
Test Standard:	FCC Part 15C
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)
0.019071	52.98	121.98	69.00	100.0	Z	143.0	20.1
0.036596	43.76	116.32	72.57	100.0	Z	0.0	20.1
0.125224	34.02	105.64	71.62	100.0	Z	75.0	20.1
0.299250	40.48	98.08	57.60	100.0	Z	170.0	20.1
2.191213	28.24	69.50	41.26	100.0	Z	206.0	20.2
13.560552	53.67	69.50	15.83	100.0	Z	134.0	20.5

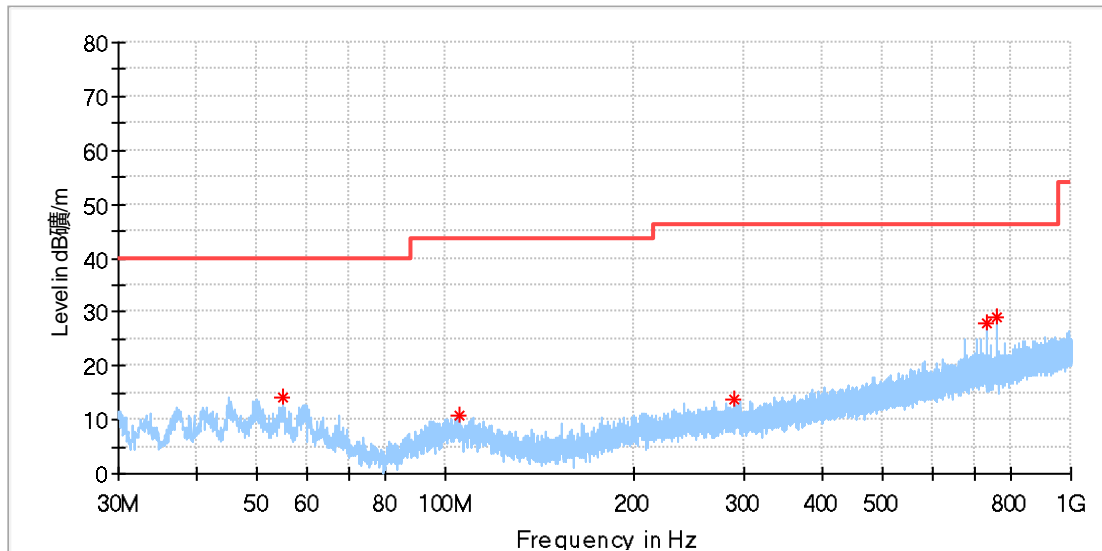
Final Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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30MHz - 1GHz

EUT Information

EUT Name:	Cabinet Lock
Model:	E2135
Test Mode:	NFC
Order No/Sample No:	168449163/A003588606-005
Test Voltage:	Battery
Remark:	Temp 22 Humi:55%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

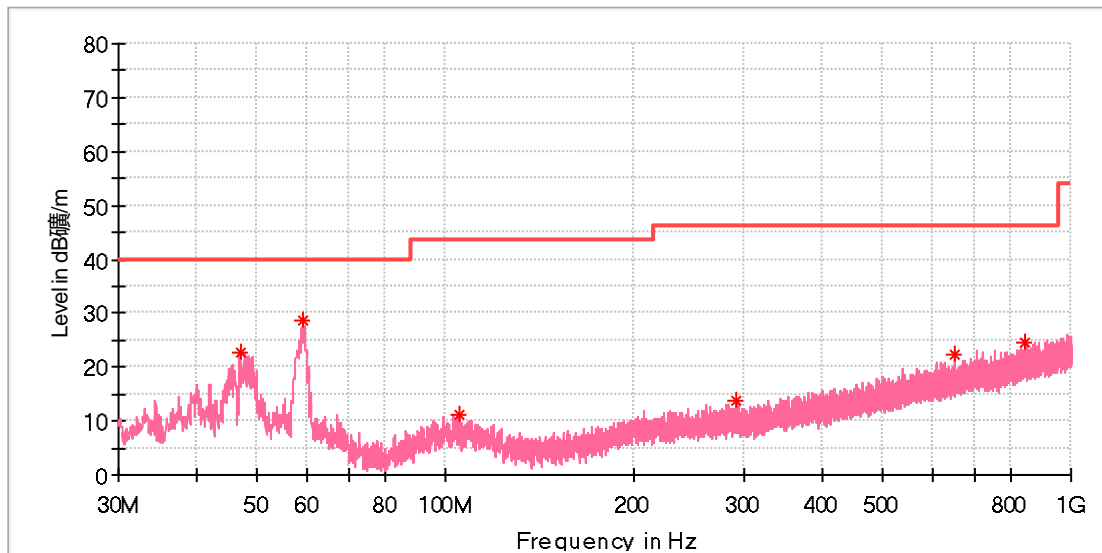
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
54.996154	13.96	40.00	26.04	100.0	H	200.0	-18.7
105.100385	10.97	43.50	32.53	100.0	H	134.0	-19.1
288.505000	13.73	46.00	32.27	100.0	H	19.0	-16.9
732.280000	27.92	46.00	18.08	100.0	H	0.0	-7.9
759.365385	28.87	46.00	17.13	100.0	H	0.0	-7.4

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: Cabinet Lock
 Model: E2135
 Test Mode: NFC
 Order No/Sample No: 168449163/A003588606-005
 Test Voltage: Battery
 Remark: Temp 22 Humi:55%
 Test Standard: FCC Part 15C
 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)
46.900385	22.88	40.00	17.12	100.0	V	176.0	-18.8
59.174615	28.54	40.00	11.46	100.0	V	22.0	-19.2
105.100385	11.26	43.50	32.24	100.0	V	266.0	-19.1
291.452308	13.92	46.00	32.08	100.0	V	346.0	-16.8
652.665385	22.35	46.00	23.65	100.0	V	111.0	-9.3
845.098462	24.73	46.00	21.27	100.0	V	247.0	-6.0

Final_Result

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