

Prüfbericht-Nr.: <i>Test report no.:</i>	CN24JN4H 001	Auftrags-Nr.: <i>Order no.:</i>	168481196	Seite 1 von 17 Page 1 of 17
Kunden-Referenz-Nr.: <i>Client reference no.:</i>	N/A	Auftragsdatum: <i>Order date:</i>	2024-05-06	
Auftraggeber: <i>Client:</i>	Guangdong Pisen Electronics Co., Ltd. Building 5, 1st Floor, No. 9, Qinfu 1st Street, Liuyue Nan Community, Henggang Town, Longgang District, Shenzhen, China			
Prüfgegenstand: <i>Test item:</i>	Extension Cable Socket			
Bezeichnung / Typ-Nr.: <i>Identification / Type no.:</i>	KF27 (Trademark: PISEN)			
Auftrags-Inhalt: <i>Order content:</i>	Test Report			
Prüfgrundlage: <i>Test specification:</i>	CFR47 FCC Part 15: Subpart C Section 15.215 CFR47 FCC Part 15: Subpart C Section 15.209 CFR47 FCC Part 15: Subpart C Section 15.207			
Wareneingangsdatum: <i>Date of sample receipt:</i>	2024-05-06	Please refer to Photo Document		
Prüfmuster-Nr.: <i>Test sample no.:</i>	A003707103-002-003 A003771963-004 A003823586-001			
Prüfzeitraum: <i>Testing period:</i>	2024-05-06 to 2024-06-22			
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>	 Hardy Suo		genehmigt von: <i>authorized by:</i>	 Lin Lin
Datum: <i>Date:</i>	2024-07-17		Ausstellungsdatum: <i>Issue date:</i>	2024-07-17
Stellung / Position:	Sachverständige(r)/Expert		Stellung / Position:	Sachverständige(r)/Expert
Sonstiges / <i>Other:</i>	FCC ID: 2BCVO-KF27			
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
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>				

Prüfbericht-Nr.: CN24JN4H 001
Test report no.:

Seite 2 von 17
Page 2 of 17

Anmerkungen
Remarks

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

Prüfbericht - Nr.: CN24JN4H 001
Test Report No.:

Seite 3 von 17
Page 3 of 17

Test Summary

5.1.1 ANTENNA REQUIREMENT

RESULT: Pass

5.1.2 99% BANDWIDTH

RESULT: Pass

5.1.3 20dB BANDWIDTH

RESULT: Pass

5.1.4 RADIATED SPURIOUS EMISSION

RESULT: Pass

5.1.5 CONDUCTED EMISSION ON AC MAINS

RESULT: Pass

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	7
2.7	STATUS OF FACILITY USED FOR TESTING.....	7
3	GENERAL PRODUCT INFORMATION.....	8
3.1	PRODUCT FUNCTION AND INTENDED USE.....	8
3.2	RATINGS AND SYSTEM DETAILS	8
3.3	INDEPENDENT OPERATION MODES	8
3.4	NOISE GENERATING AND NOISE SUPPRESSING PARTS.....	9
3.5	SUBMITTED DOCUMENTS.....	9
4	TEST SET-UP AND OPERATION MODES	10
4.1	PRINCIPLE OF CONFIGURATION SELECTION.....	10
4.2	TEST OPERATION AND TEST SOFTWARE.....	10
4.3	SPECIAL ACCESSORIES AND AUXILIARY EQUIPMENT.....	10
4.4	COUNTERMEASURES TO ACHIEVE EMC COMPLIANCE.....	10
4.5	TEST SETUP DIAGRAM	11
5	TEST RESULTS.....	12
5.1	TRANSMITTER REQUIREMENT & TEST SUITES.....	12
5.1.1	<i>Antenna Requirement.....</i>	<i>12</i>
5.1.2	<i>99% Bandwidth</i>	<i>13</i>
5.1.3	<i>20dB Bandwidth</i>	<i>14</i>
5.1.4	<i>Radiated Spurious Emission.....</i>	<i>15</i>
5.1.5	<i>Conducted Emission on AC Mains.....</i>	<i>16</i>
6	PHOTOGRAPHS OF THE TEST SET-UP.....	17
7	LIST OF TABLES	17

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 FCC Part 15C.

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 Accreditation Designation No.: CN1260

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. until
Signal Analyzer	R&S	FSV 40	101441	2024-07-25
OSP	R&S	OSP 150	101017	2024-11-13
Control PC	DELL	OptiPlex 7050	FTJZ9P2	N/A
Test Software	R&S	WMS32 (V11.00.00)	N/A	N/A
Power Meter	R&S	NRP2	107105	2024-11-13
Wideband Power Sensor	R&S	NRP-Z81	105677	2024-07-25
Shielding Room 8#	Albatross	SR8	APC17151-SR8	2024-06-22
Unwanted Emission Testing (TS9975)				
Equipment	Manufacturer	Model	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
Double-Ridged Antenna (1 -18 GHz)	ETS-LINDGREN	3117	00218717	2024-08-06
Wideband Ridged Horn Antenna (18-40 GHz)	Steatite	QMS-00880	19067	2024-08-27
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

Prüfbericht - Nr.: CN24JN4H 001

Test Report No.:

Seite 7 von 17

Page 7 of 17

Conducted Emissions

Equipment	Manufacturer	M/N	S/N	Calibrated until
EMI Test Receiver	R&S	ESR3	102680	2024-07-30
Artificial Mains Network	R&S	ENV216	101445	2024-08-01
EMC32 test software	R&S	EMC32(Ver.10.50.00)	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 and conducted emissions measurements as below table

Table 2: Measurement Uncertainty

Parameter	Uncertainty (k=2)
Occupied Channel Bandwidth	± 2.08 %
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 Extension Cable Socket with Wireless Charging, which supports wireless charging (WPT) function.

The EUT are available in many different colors.

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:	Extension Cable Socket
Type Designation:	KF27
Trademark:	PISEN
FCC ID:	2BCVO-KF27
Operating Voltage:	AC 110V-130V, 60Hz
Testing Voltage:	AC 120V, 60Hz
Technical Specification of Coil 1 for Phone	
Frequency Range:	115-205kHz 360kHz
Type of Modulation:	ASK
Antenna Type:	Induction Coil Antenna
Wireless output power:	15W Max
Technical Specification of Coil 2 for Apple watch	
Operating Frequency	326.5kHz
Modulation	FSK
Antenna Type	Induction Coil Antenna
Wireless output power:	2.5W Max

3.3 Independent Operation Modes

The basic operation modes are:

- A. On, Wireless charging (115-205kHz)
- B. On, Wireless charging (360kHz)
- C. On, Wireless charging (326.5kHz)
- D. On, Wireless charging (115-205kHz & 326.5kHz)
- E. On, Wireless charging (360kHz & 326.5kHz)

Prüfbericht - Nr.: CN24JN4H 001
Test Report No.:

Seite 9 von 17
Page 9 of 17

3.4 Noise Generating and Noise Suppressing Parts

Refer to Circuit Diagram for further details.

3.5 Submitted Documents

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

4 Test Set-up and Operation Modes

4.1 Principle of Configuration Selection

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

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

4.2 Test Operation and Test Software

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

According to clause 3.1, all tests were performed on model KF27 in this report.

4.3 Special Accessories and Auxiliary Equipment

Table 4: List of Accessories and Auxiliary Equipment

Description	Manufacturer	Model	S/N	Rating
Watch	Apple	A2092	N/A	DC 5V, 1A
Intelligent wireless charging full function test module	YBZ	V3.1	N/A	5W, 7.5W, 15W (Supports Qi2)

4.4 Countermeasures to Achieve EMC Compliance

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

No additional measures were employed to achieve compliance.

4.5 Test Setup Diagram

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

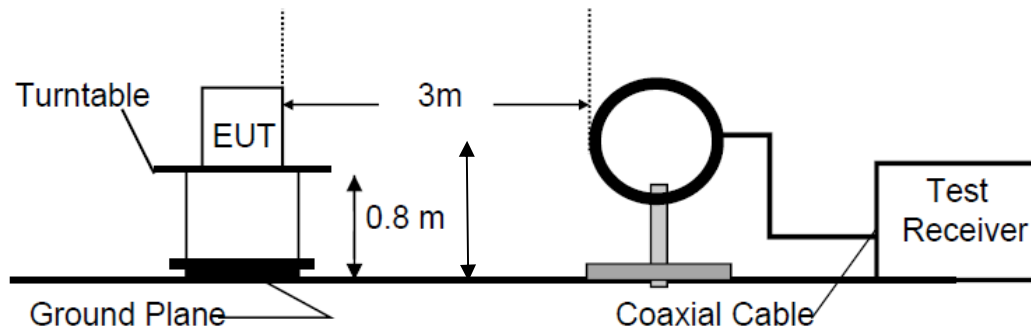


Diagram of Measurement Configuration for Radiation Test (Below 1GHz)

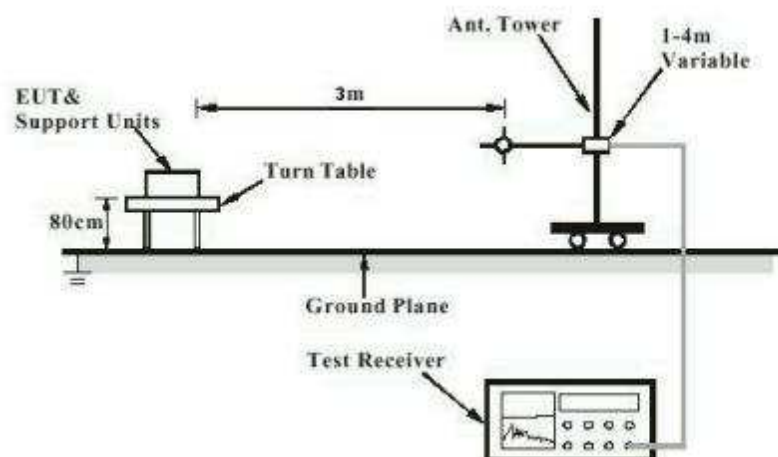
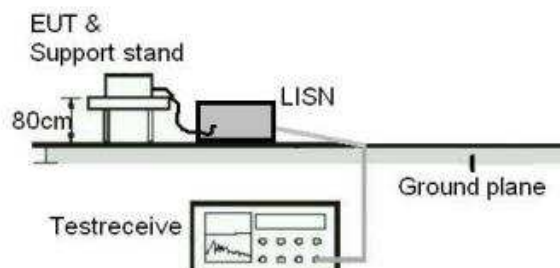


Diagram of Measurement Configuration for Mains Conduction Measurement



5 Test Results

5.1 Transmitter Requirement & Test Suites

5.1.1 Antenna Requirement

RESULT:

Pass

Test Specification

Test standard : Part 15.203
the use of antennas with directional gains that do not exceed 6 dBi

The EUT has one internal antenna, and the antenna is 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.: CN24JN4H 001
Test Report No.:

Seite 13 von 17
Page 13 of 17

5.1.2 99% Bandwidth

RESULT:

Pass

Test Specification

Basic standard : ANSI C63.10: 2013
Kind of test site : Shielded Room

Test Setup

Date of testing : 2024-05-17
Input voltage : AC 120V, 60Hz
Operation mode : A
Ambient temperature : 23.2 °C
Relative humidity : 50 %
Atmospheric pressure : 101 kPa

For the measurement records, refer to the appendix A.

Prüfbericht - Nr.: CN24JN4H 001
Test Report No.:

Seite 14 von 17
Page 14 of 17

5.1.3 20dB Bandwidth

RESULT: Pass

Test Specification

Test standard : FCC Part 15.215(c)
Basic standard : ANSI C63.10: 2013
Kind of test site : Shielded Room

Test Setup

Date of testing : 2024-05-17
Input voltage : AC 120V, 60Hz
Operation mode : A
Ambient temperature : 23.2 °C
Relative humidity : 50 %
Atmospheric pressure : 101 kPa

For the measurement records, refer to the appendix A.

Prüfbericht - Nr.: CN24JN4H 001
Test Report No.:

Seite 15 von 17
Page 15 of 17

5.1.4 Radiated Spurious Emission

RESULT:

Pass

Test Specification

Test standard	: FCC Part 15.209 & 15.205
Basic standard	: ANSI C63.10: 2013
Limits	: Refer to 15.209(a)
Kind of test site	: 3m Semi-anechoic Chamber

Test Setup

Date of testing	: 2024-05-17
Input voltage	: AC 120V, 60Hz
Operation mode	: A
Ambient temperature	: 24 °C
Relative humidity	: 50 %
Atmospheric pressure	: 101 kPa

This testing was carried out on all operation modes, but only the worst case was presented in this report.

For the measurement records, refer to the appendix A.

Prüfbericht - Nr.: CN24JN4H 001
Test Report No.:Seite 16 von 17
Page 16 of 17

5.1.5 Conducted Emission on AC Mains

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

Test standard	: FCC Part 15.207
Basic standard	: ANSI C63.10: 2013
Frequency range	: 150KHz - 30MHz
Limits	: FCC Part 15.207(a)
Kind of test site	: Shielded Room

Test Setup

Date of testing	: 2024-06-22
Input voltage	: AC 120V, 60Hz
Operation mode	: A
Earthing	: Not connected
Ambient temperature	: 24.3 °C
Relative humidity	: 50.6 %
Atmospheric pressure	: 101 kPa

This testing was carried out on all operation modes, but only the worst case was presented in this report.

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.

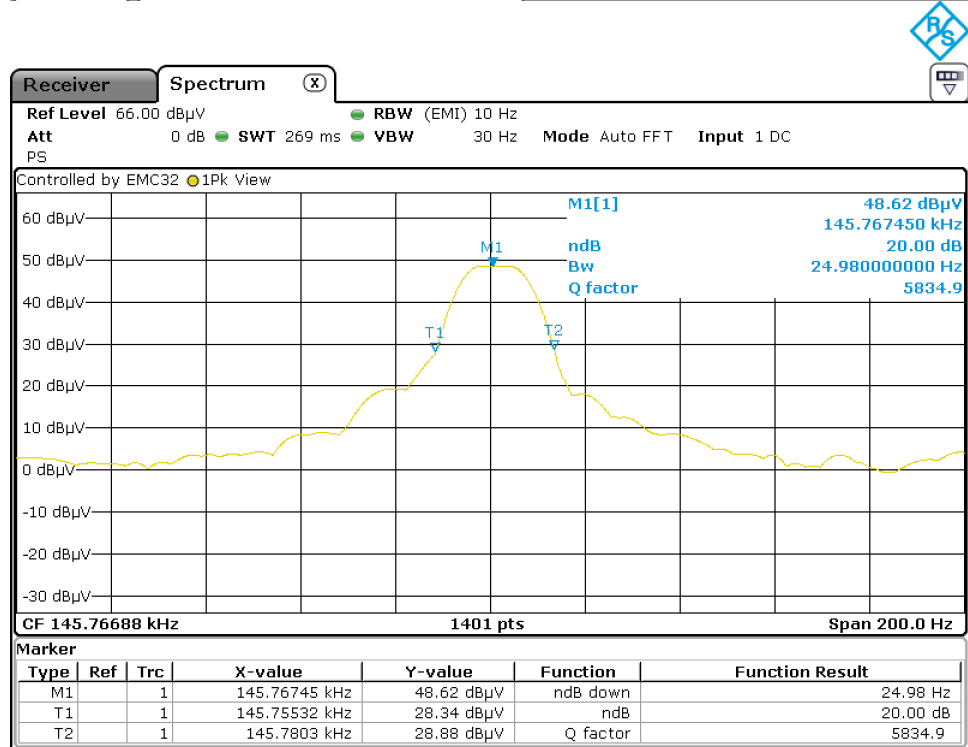
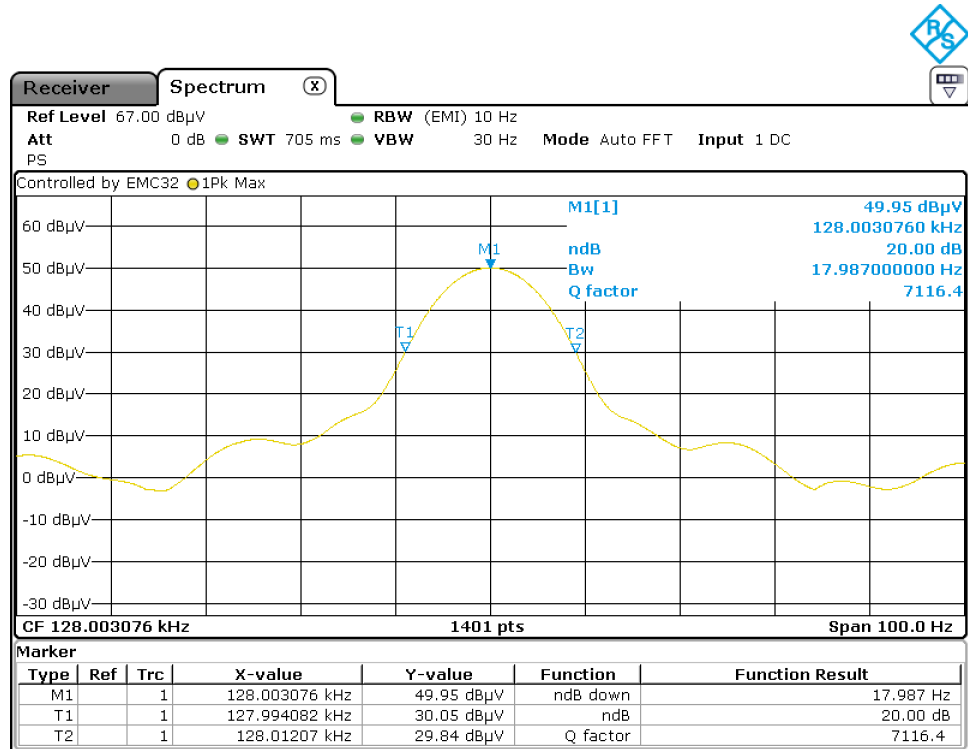
7 List of Tables

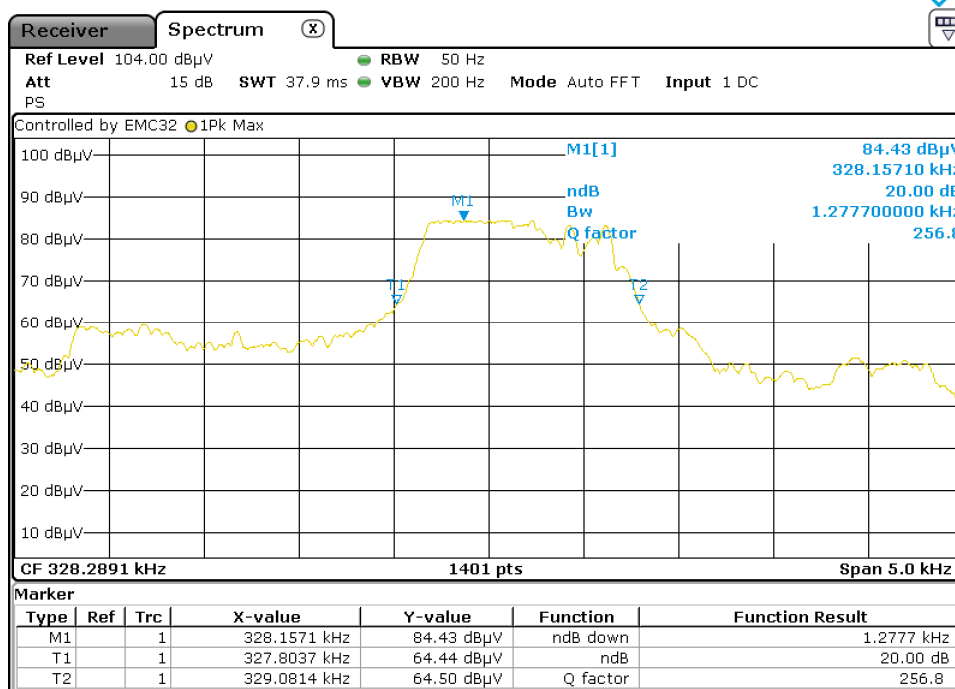
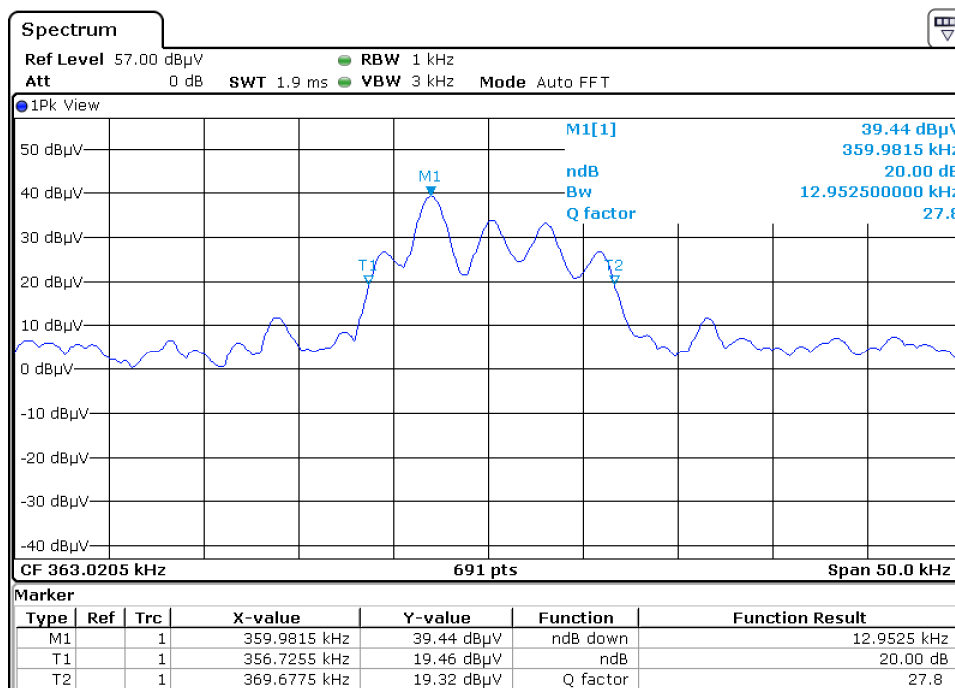
Table 1: List of Test and Measurement Equipment.....	6
Table 2: Measurement Uncertainty.....	7
Table 3: Technical Specification of EUT	8
Table 4: List of Accessories and Auxiliary Equipment.....	10

Appendix A: Test Results of FCC Part 15C

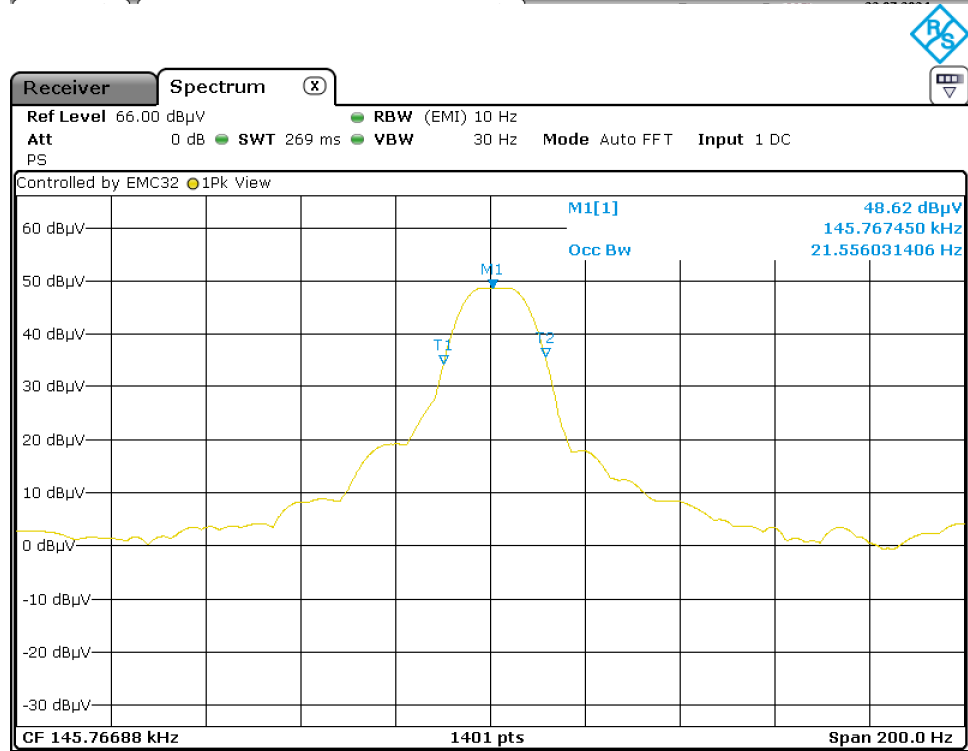
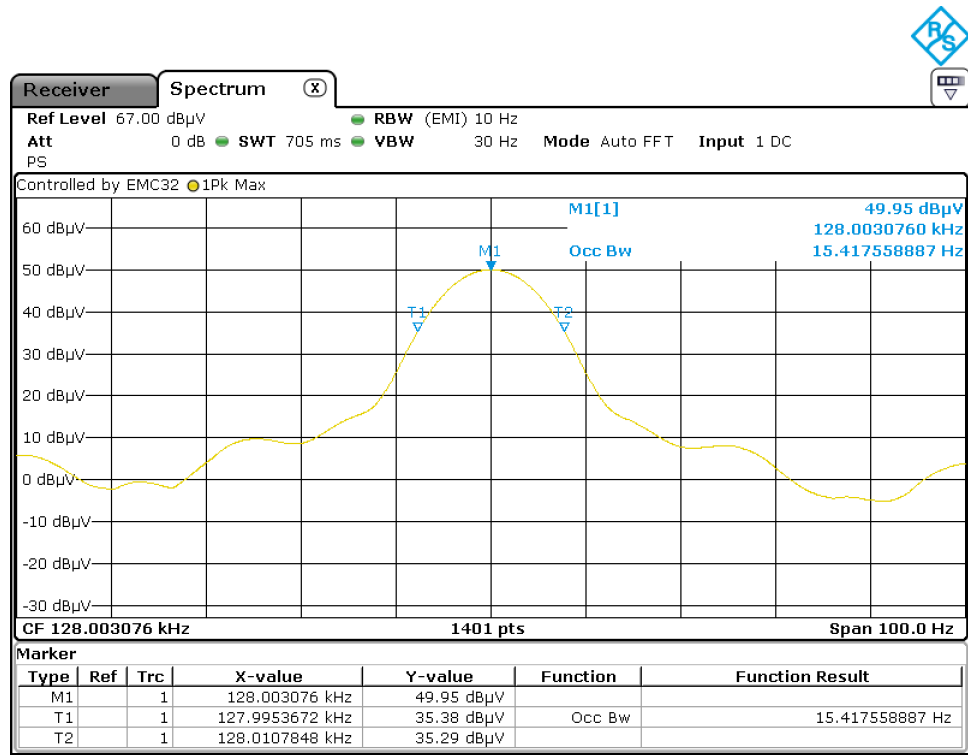
APPENDIX A: TEST RESULTS OF FCC PART 15C.....	1
APPENDIX A.1: TEST RESULTS OF 20dB BANDWIDTH	2
APPENDIX A.2: TEST RESULTS OF 99% BANDWIDTH	4
APPENDIX A.3: TEST RESULTS OF RADIATED SPURIOUS EMISSION	6
9kHz - 90KHz	6
9KHz – 30MHz	15
110KHz - 490KHz	24
30MHz - 1GHz.....	33
APPENDIX A.4: TEST RESULTS OF CONDUCTED EMISSION ON AC MAINS	39

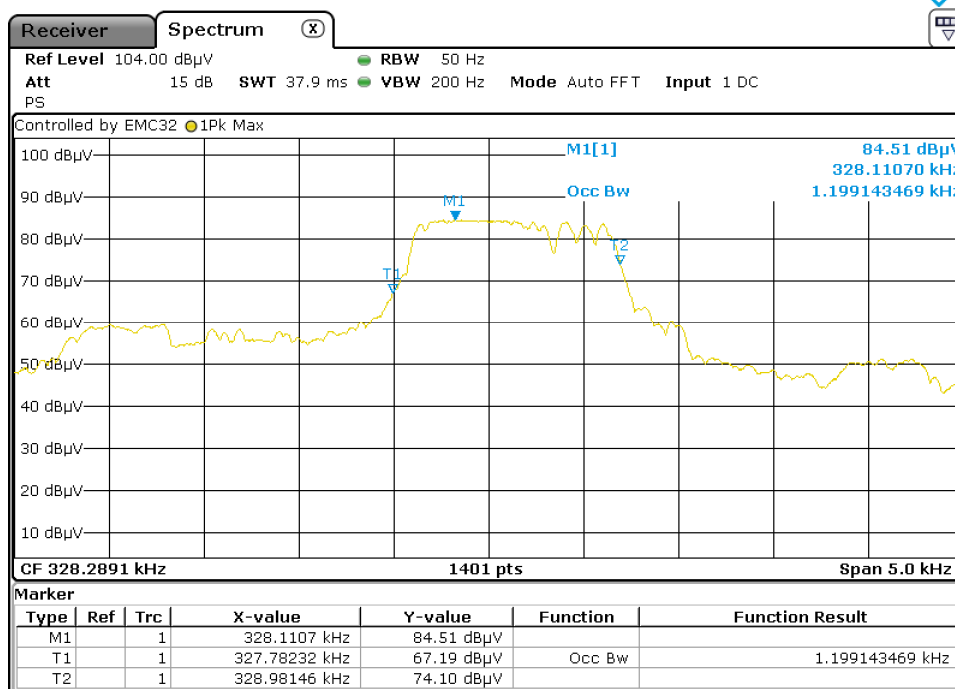
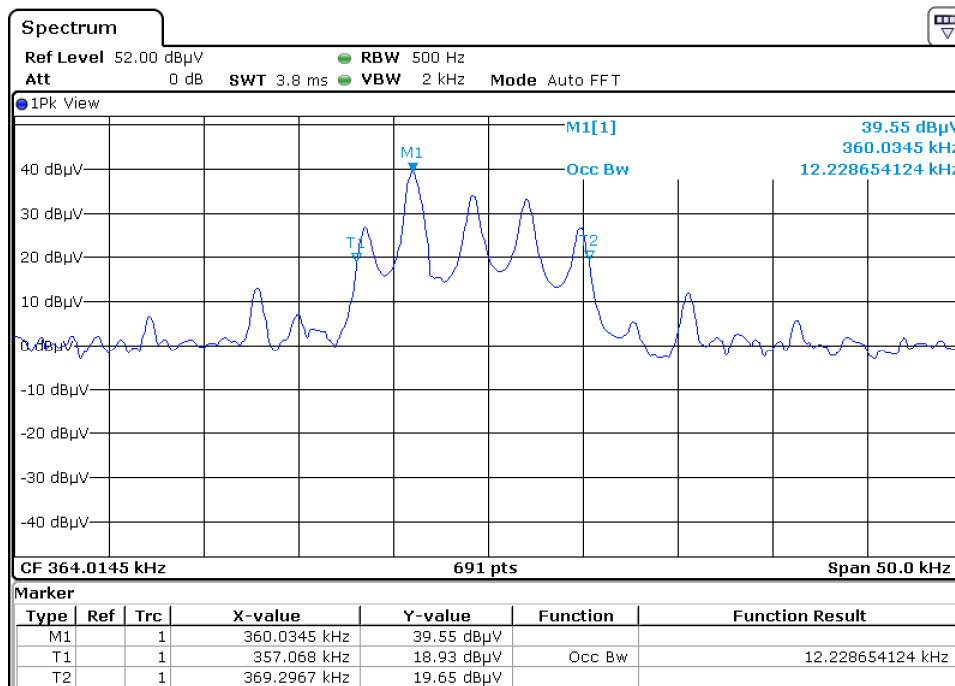
Appendix A.1: Test Results of 20dB Bandwidth





Appendix A.2: Test Results of 99% Bandwidth



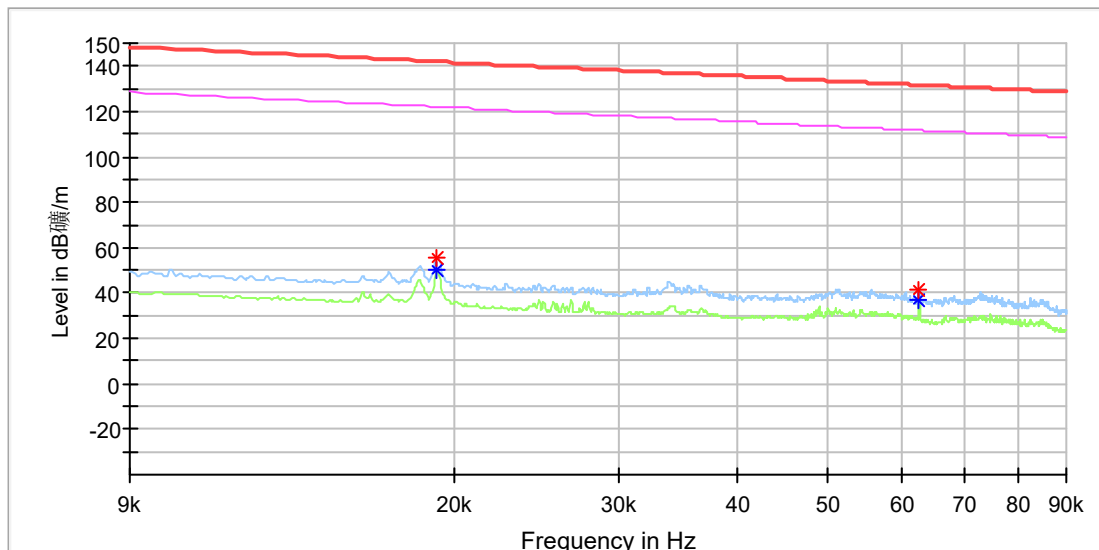


Appendix A.3: Test Results of Radiated Spurious Emission

Note: The highest waveform in the figure is Fundamental.

9kHz - 90KHz

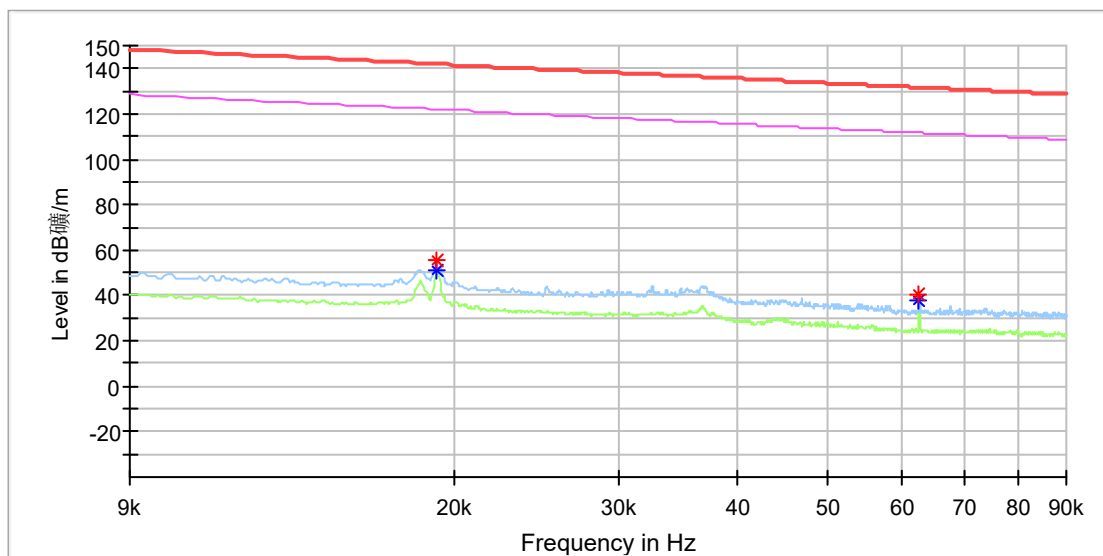
EUT Name: Extension Cable Socket
Model: KF27
Test Mode: Charging (115-205kHz, 5W)
Order No/Sample No: 168481196/A003771963-004
Test Voltage:: 120V/60Hz
Remark: Temp 23 Humi:53%
Test Standard: FCC Part 15C
Tested By: Kei Zhang
Reviewed By: Terry Yin



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	55.54	---	141.93	86.39	100.0	X	6.0	20.0
0.019183	---	50.20	121.93	71.73	100.0	X	6.0	20.0
0.062634	41.67	---	131.66	89.99	100.0	X	182.0	20.0
0.062634	---	37.06	111.66	74.60	100.0	X	182.0	20.0

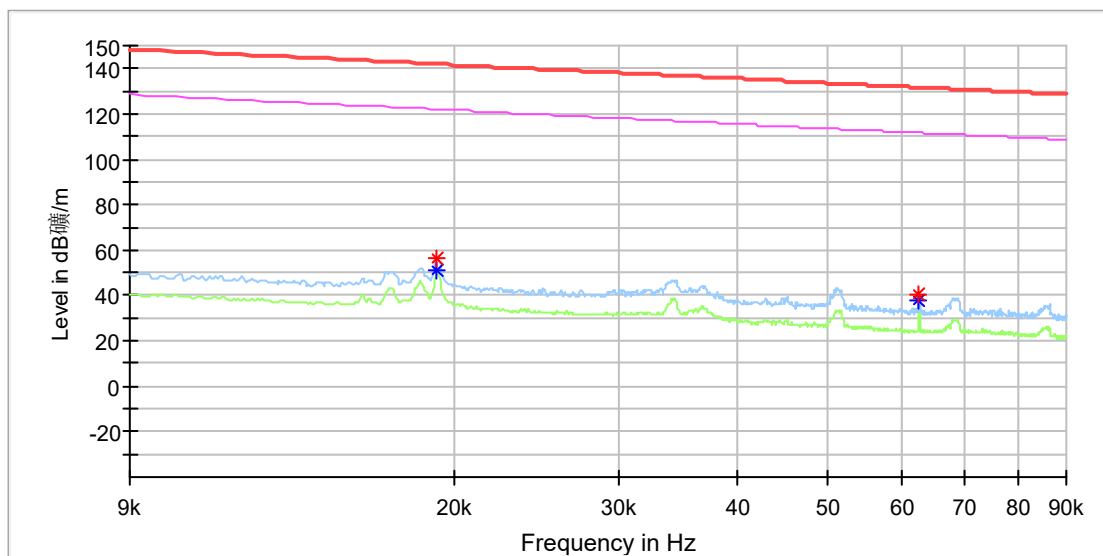
EUT Name:	Extension Cable Socket
Model:	KF27
Test Mode:	Charging (115-205kHz, 5W)
Order No/Sample No:	168481196/A003771963-004
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:53%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



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	---	50.67	121.93	71.26	100.0	Y	0.0	20.0
0.019183	55.84	---	141.93	86.09	100.0	Y	0.0	20.0
0.062634	40.62	---	131.66	91.04	100.0	Y	0.0	20.0
0.062634	---	37.55	111.66	74.11	100.0	Y	0.0	20.0

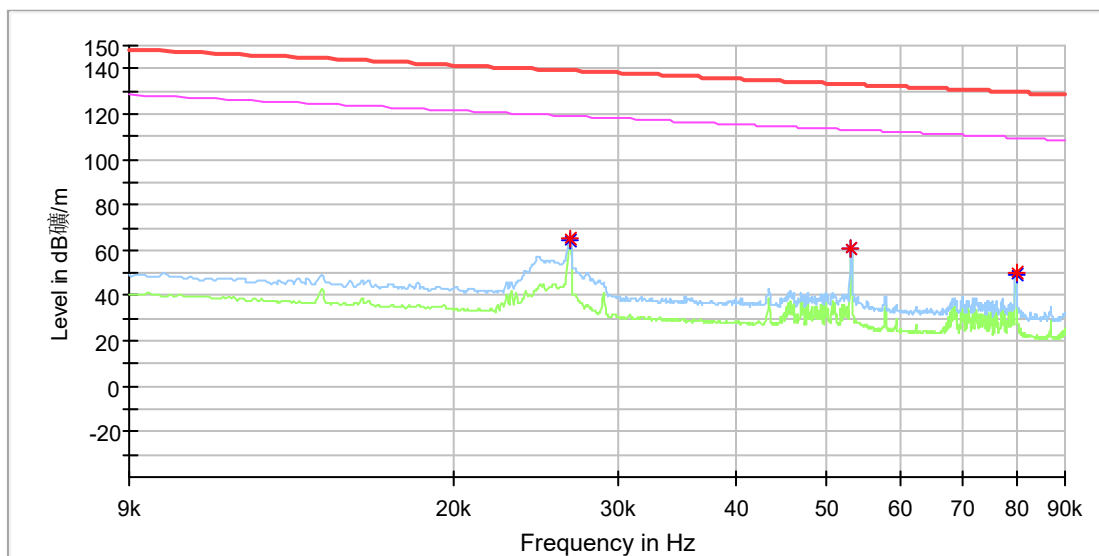
EUT Name:	Extension Cable Socket
Model:	KF27
Test Mode:	Charging (115-205kHz, 5W)
Order No/Sample No:	168481196/A003771963-004
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:53%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



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	56.45	---	141.93	85.48	100.0	Z	38.0	20.0
0.019183	---	50.96	121.93	70.97	100.0	Z	38.0	20.0
0.062634	40.65	---	131.66	91.01	100.0	Z	229.0	20.0
0.062634	---	37.79	111.66	73.87	100.0	Z	229.0	20.0

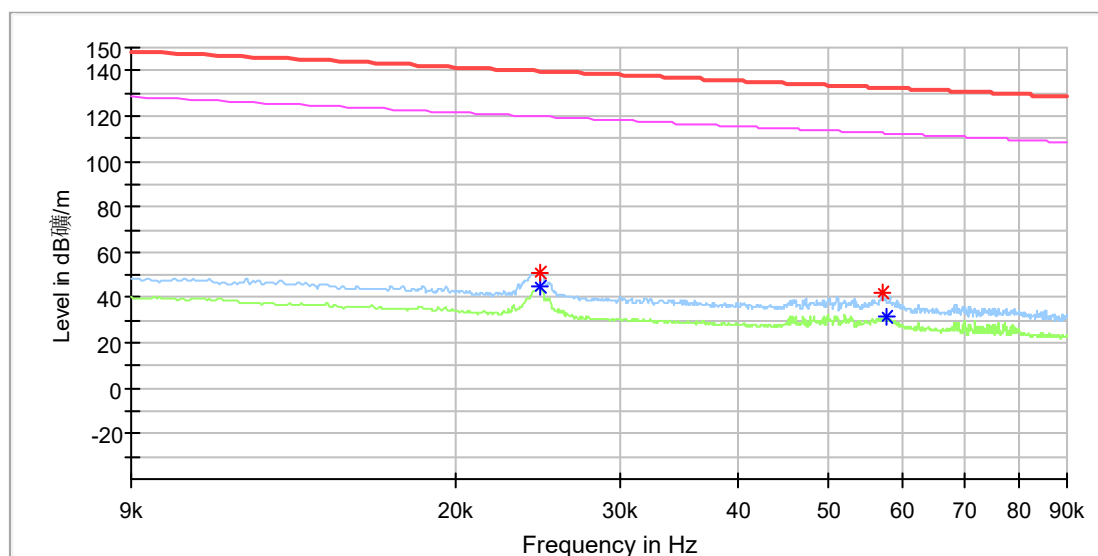
EUT Name: Extension Cable Socket
Model: KF27
Test Mode: Charging (360kHz, 15W)
Order No/Sample No: 168481196/A003823586-001
Test Voltage:: 120V/60Hz
Remark: Temp 23 Humi:53%
Test Standard: FCC Part 15C
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
0.026589	65.34	---	139.10	73.75	100.0	X	132.0	20.0
0.026589	---	64.15	119.10	54.95	100.0	X	132.0	20.0
0.053203	60.89	---	133.08	72.18	100.0	X	197.0	20.0
0.053203	---	60.34	113.08	52.73	100.0	X	197.0	20.0
0.079817	50.26	---	129.55	79.29	100.0	X	132.0	20.0
0.079817	---	49.14	109.55	60.42	100.0	X	132.0	20.0

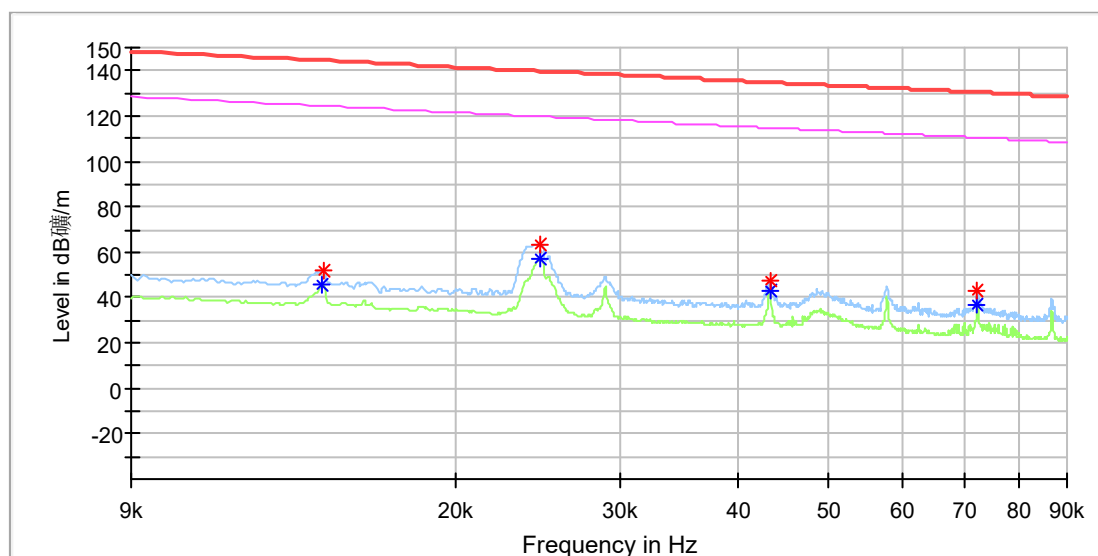
EUT Name: Extension Cable Socket
 Model: KF27
 Test Mode: Charging (360kHz, 15W)
 Order No/Sample No: 168481196/A003823586-001
 Test Voltage:: 120V/60Hz
 Remark: Temp 23 Humi:53%
 Test Standard: FCC Part 15C
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
0.024621	---	45.20	119.76	74.56	100.0	Y	50.0	20.0
0.024621	51.38	---	139.76	88.39	100.0	Y	50.0	20.0
0.057079	42.53	---	132.46	89.94	100.0	Y	278.0	20.0
0.057658	---	31.60	112.38	80.78	100.0	Y	78.0	20.0

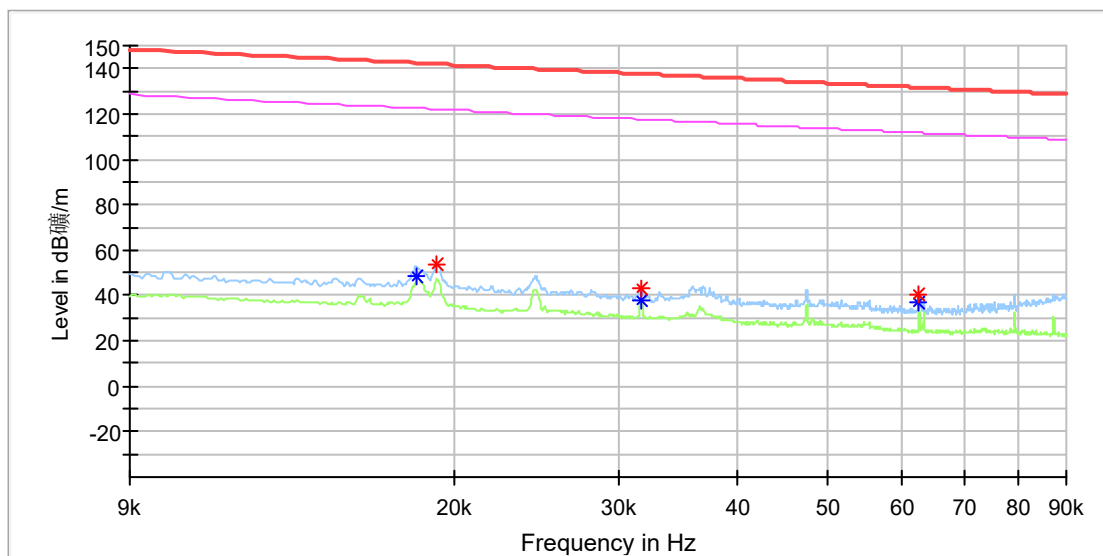
EUT Name: Extension Cable Socket
Model: KF27
Test Mode: Charging (360kHz, 15W)
Order No/Sample No: 168481196/A003823586-001
Test Voltage:: 120V/60Hz
Remark: Temp 23 Humi:53%
Test Standard: FCC Part 15C
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
0.014381	---	45.66	124.43	78.77	100.0	Z	90.0	20.0
0.014439	51.99	---	144.40	92.41	100.0	Z	90.0	20.0
0.024564	---	57.19	119.78	62.60	100.0	Z	104.0	20.0
0.024621	63.72	---	139.76	76.05	100.0	Z	104.0	20.0
0.043309	47.24	---	134.86	87.62	100.0	Z	3.0	20.0
0.043367	---	43.39	114.85	71.46	100.0	Z	54.0	20.0
0.072238	42.71	---	130.42	87.71	100.0	Z	97.0	20.0
0.072238	---	37.17	110.42	73.25	100.0	Z	97.0	20.0

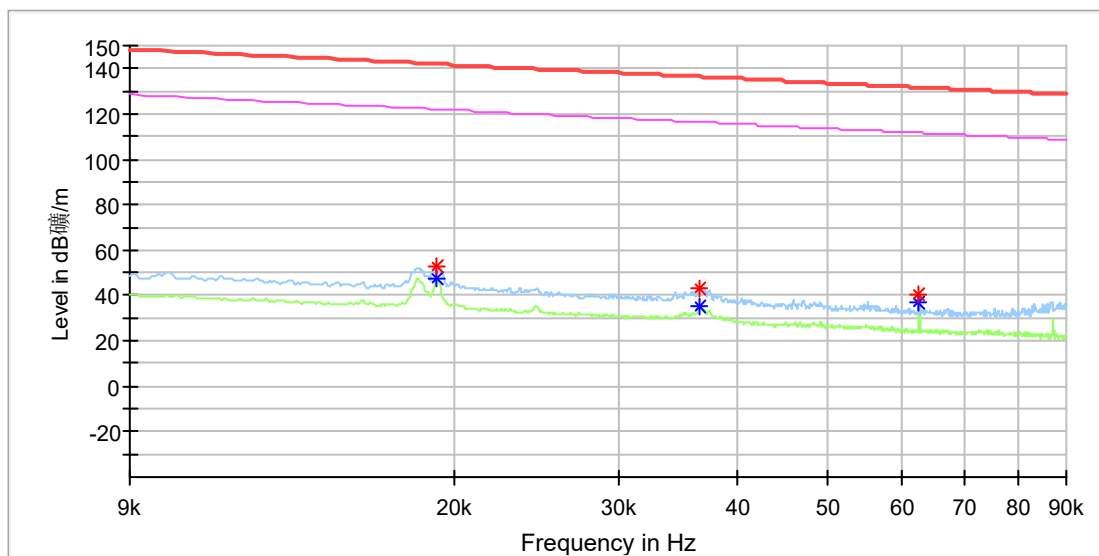
EUT Name:	Extension Cable Socket
Model:	KF27
Test Mode:	Charging (115-205kHz & 326.5kHz, 15W&2.5W)
Order No/Sample No:	168481196/A003707103-002
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:58%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
0.018257	---	48.29	122.36	74.07	100.0	X	0.0	20.0
0.019183	54.03	---	141.93	87.90	100.0	X	150.0	20.0
0.031680	43.30	---	137.58	94.27	100.0	X	150.0	20.0
0.031680	---	38.06	117.58	79.51	100.0	X	150.0	20.0
0.062576	40.37	---	131.67	91.29	100.0	X	173.0	20.0
0.062576	---	36.93	111.67	74.74	100.0	X	173.0	20.0

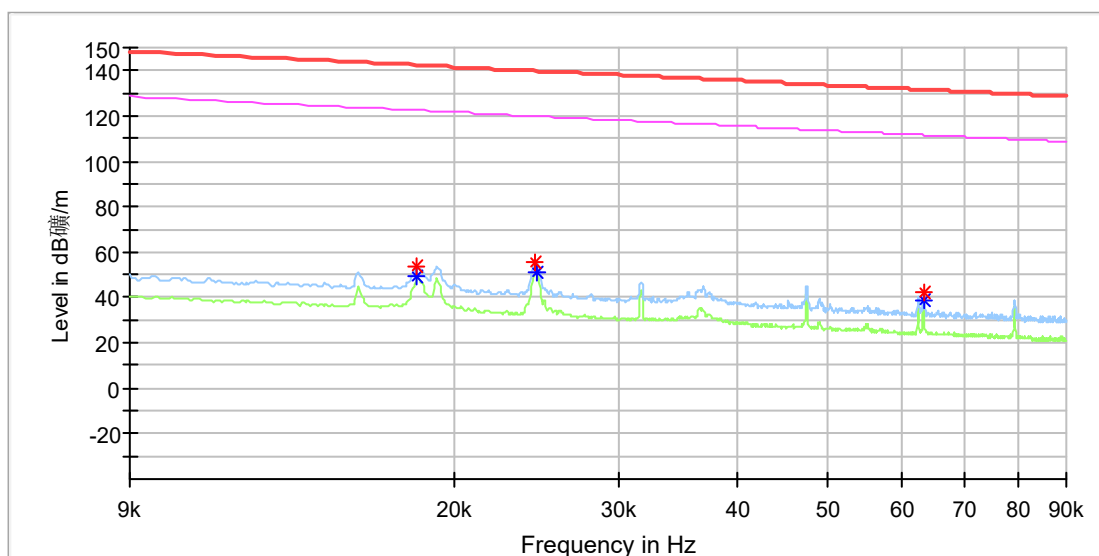
EUT Name:	Extension Cable Socket
Model:	KF27
Test Mode:	Charging (115-205kHz & 326.5kHz, 15W&2.5W)
Order No/Sample No:	168481196/A003707103-002
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:58%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



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	53.13	---	141.93	88.80	100.0	Y	305.0	20.0
0.019183	---	47.75	121.93	74.18	100.0	Y	305.0	20.0
0.036540	43.28	---	136.34	93.05	100.0	Y	199.0	20.0
0.036540	---	35.28	116.34	81.06	100.0	Y	199.0	20.0
0.062576	40.18	---	131.67	91.49	100.0	Y	312.0	20.0
0.062576	---	37.00	111.67	74.66	100.0	Y	312.0	20.0

EUT Name:	Extension Cable Socket
Model:	KF27
Test Mode:	Charging (115-205kHz & 326.5kHz, 15W&2.5W)
Order No/Sample No:	168481196/A003707103-002
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:58%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

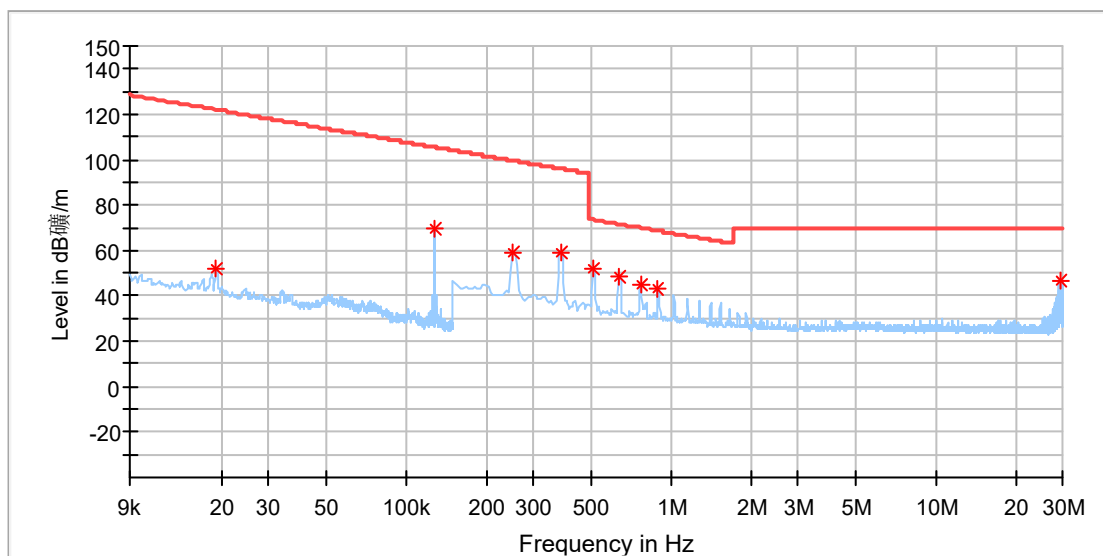


Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
0.018257	53.24	---	142.36	89.11	100.0	Z	278.0	20.0
0.018257	---	48.91	122.36	73.45	100.0	Z	278.0	20.0
0.024390	55.49	---	139.85	84.36	100.0	Z	64.0	20.0
0.024448	---	50.67	119.83	69.15	100.0	Z	64.0	20.0
0.063328	42.41	---	131.56	89.15	100.0	Z	163.0	20.0
0.063328	---	38.47	111.56	73.10	100.0	Z	163.0	20.0

9KHz – 30MHz

EUT Name: Extension Cable Socket
Model: KF27
Test Mode: Charging (115-205kHz, 5W)
Order No/Sample No: 168481196/A003771963-004
Test Voltage:: 120V/60Hz
Remark: Temp 23 Humi:53%
Test Standard: FCC Part 15C
Tested By: Kei Zhang
Reviewed By: Terry Yin



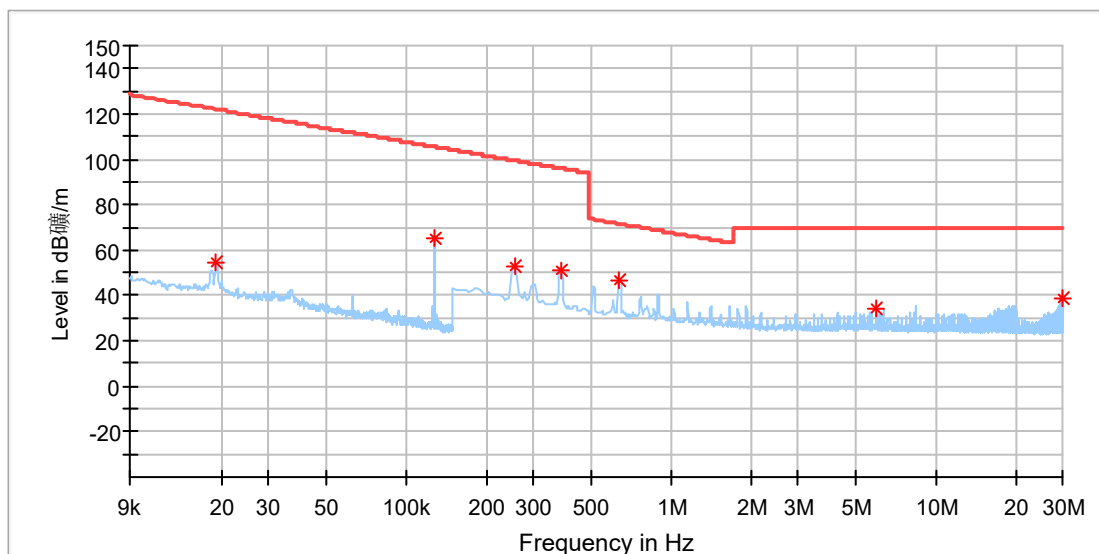
Critical_Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
0.019172	51.76	121.94	70.17	100.0	X	333.0	20.1
0.128044	70.02	105.45	35.43	100.0	X	204.0	20.1
0.250963	58.95	99.61	40.65	100.0	X	34.0	20.1
0.382655	58.73	95.95	37.22	100.0	X	189.0	20.1
0.509956	52.24	73.45	21.22	100.0	X	9.0	20.1
0.637258	48.21	71.52	23.32	100.0	X	196.0	20.1
0.764559	45.02	69.95	24.93	100.0	X	9.0	20.1
0.891860	43.42	68.61	25.19	100.0	X	2.0	20.1
29.315206	46.30	69.50	23.20	100.0	X	128.0	20.7

Final_Result

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

EUT Name: Extension Cable Socket
Model: KF27
Test Mode: Charging (115-205kHz, 5W)
Order No/Sample No: 168481196/A003771963-004
Test Voltage:: 120V/60Hz
Remark: Temp 23 Humi:53%
Test Standard: FCC Part 15C
Tested By: Kei Zhang
Reviewed By: Terry Yin



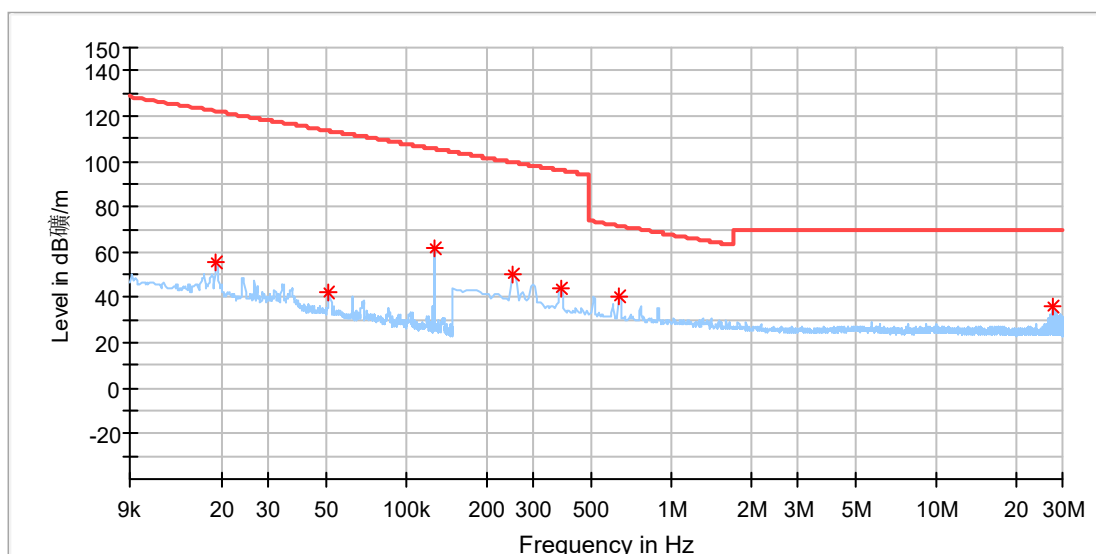
Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
0.019172	55.00	121.94	66.94	100.0	Y	300.0	20.1
0.128044	65.25	105.45	40.20	100.0	Y	318.0	20.1
0.255353	52.65	99.46	46.81	100.0	Y	289.0	20.1
0.382655	51.14	95.95	44.81	100.0	Y	278.0	20.1
0.637258	46.96	71.52	24.56	100.0	Y	117.0	20.1
5.887346	34.24	69.50	35.26	100.0	Y	63.0	20.3
29.824412	39.08	69.50	30.42	100.0	Y	56.0	20.7

Final Result

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

EUT Name: Extension Cable Socket
Model: KF27
Test Mode: Charging (115-205kHz, 5W)
Order No/Sample No: 168481196/A003771963-004
Test Voltage:: 120V/60Hz
Remark: Temp 23 Humi:53%
Test Standard: FCC Part 15C
Tested By: Kei Zhang
Reviewed By: Terry Yin



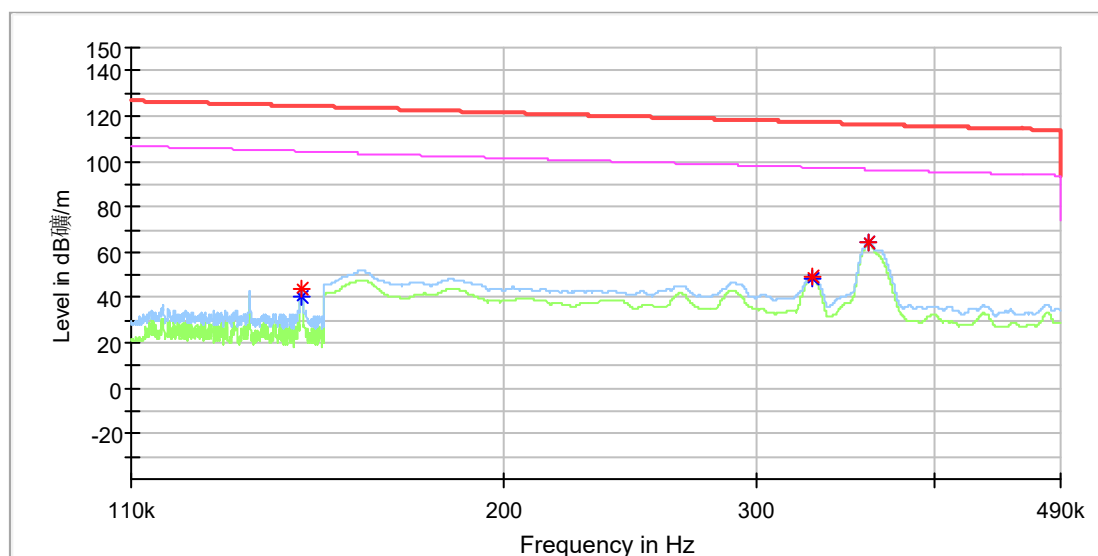
Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
0.019172	55.77	121.94	66.17	100.0	Z	44.0	20.1
0.050998	42.06	113.44	71.38	100.0	Z	17.0	20.1
0.128044	61.86	105.45	43.60	100.0	Z	8.0	20.1
0.250963	50.45	99.61	49.16	100.0	Z	193.0	20.1
0.382655	44.30	95.95	51.65	100.0	Z	243.0	20.1
0.637258	40.68	71.52	30.85	100.0	Z	233.0	20.1
27.519816	35.62	69.50	33.88	100.0	Z	348.0	20.7

Final Result

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

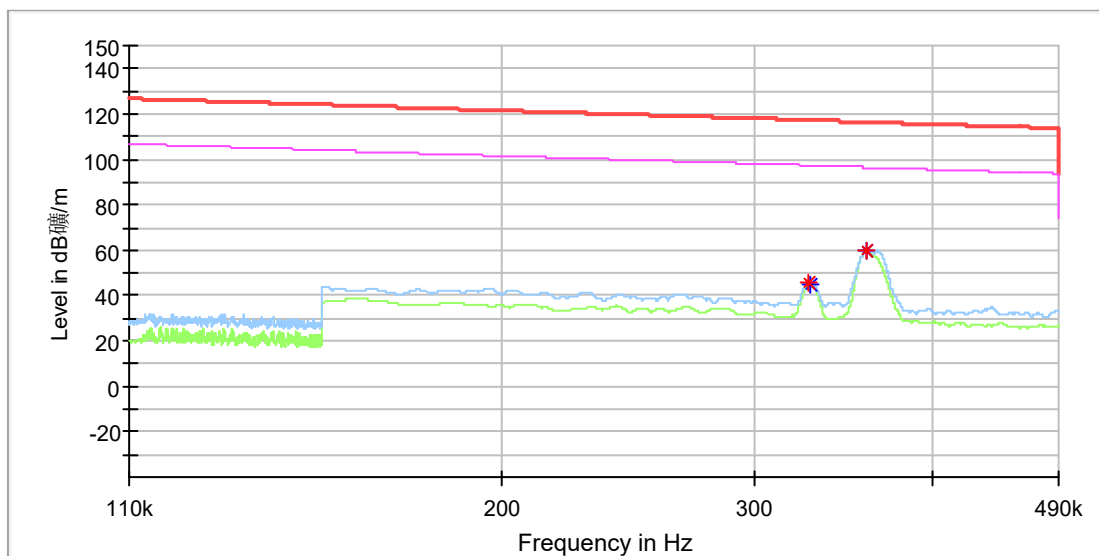
EUT Name: Extension Cable Socket
 Model: KF27
 Test Mode: Charging (360kHz, 15W)
 Order No/Sample No: 168481196/A003823586-001
 Test Voltage:: 120V/60Hz
 Remark: Temp 23 Humi:53%
 Test Standard: FCC Part 15C
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
0.144400	44.35	---	124.41	80.05	100.0	X	289.0	20.0
0.144457	---	40.41	104.40	64.00	100.0	X	345.0	20.0
0.328500	---	48.68	97.27	48.60	100.0	X	7.0	20.0
0.328700	49.53	---	117.27	67.74	100.0	X	7.0	20.0
0.360000	64.20	---	116.48	52.28	100.0	X	123.0	20.0
0.360000	---	63.98	96.48	32.50	100.0	X	123.0	20.0

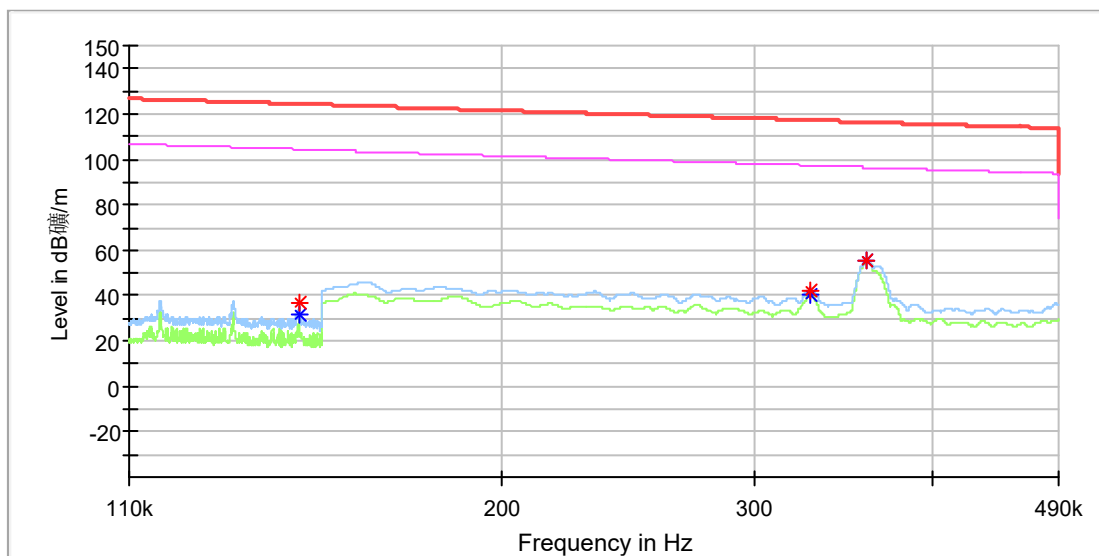
EUT Name: Extension Cable Socket
Model: KF27
Test Mode: Charging (360kHz, 15W)
Order No/Sample No: 168481196/A003823586-001
Test Voltage:: 120V/60Hz
Remark: Temp 23 Humi:53%
Test Standard: FCC Part 15C
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
0.328100	45.89	---	117.28	71.39	100.0	Y	118.0	20.0
0.328400	---	44.82	97.27	52.45	100.0	Y	118.0	20.0
0.359850	60.29	---	116.48	56.19	100.0	Y	42.0	20.0
0.360100	---	60.17	96.47	36.30	100.0	Y	31.0	20.0

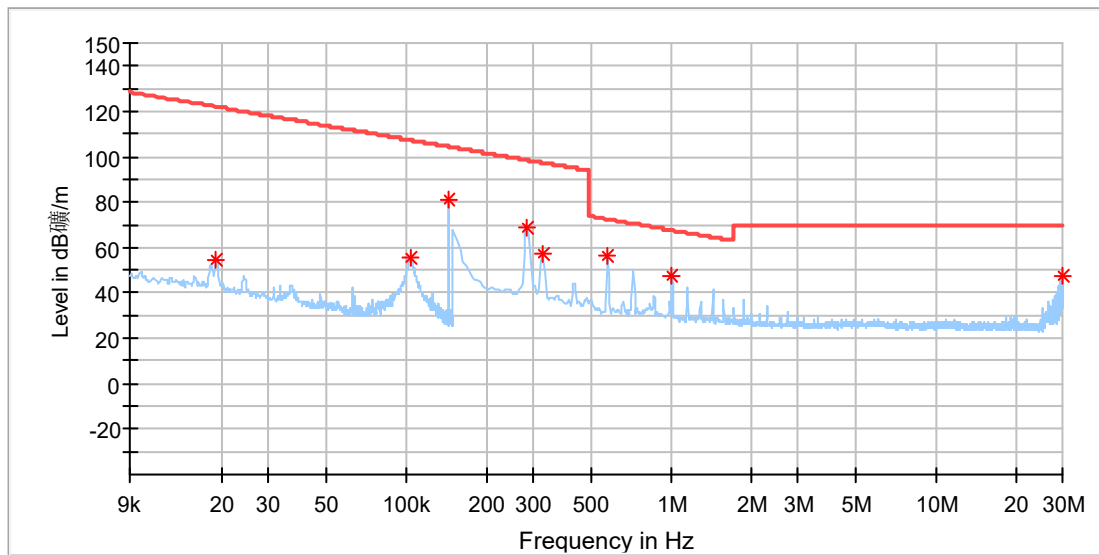
EUT Name: Extension Cable Socket
Model: KF27
Test Mode: Charging (360kHz, 15W)
Order No/Sample No: 168481196/A003823586-001
Test Voltage:: 120V/60Hz
Remark: Temp 23 Humi:53%
Test Standard: FCC Part 15C
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
0.144514	36.85	---	124.40	87.55	100.0	Z	53.0	20.0
0.144514	---	31.47	104.40	72.93	100.0	Z	53.0	20.0
0.328700	---	40.11	97.27	57.16	100.0	Z	223.0	20.0
0.329050	42.16	---	117.26	75.09	100.0	Z	223.0	20.0
0.360050	55.64	---	116.48	60.84	100.0	Z	141.0	20.0
0.360050	---	55.25	96.48	41.23	100.0	Z	141.0	20.0

EUT Name: Extension Cable Socket
Model: KF27
Test Mode: Charging (115-205kHz & 326.5kHz, 15W&2.5W)
Order No/Sample No: 168481196/A003707103-002
Test Voltage:: 120V/60Hz
Remark: Temp 23 Humi:58%
Test Standard: FCC Part 15C
Tested By: Kei Zhang
Reviewed By: Terry Yin



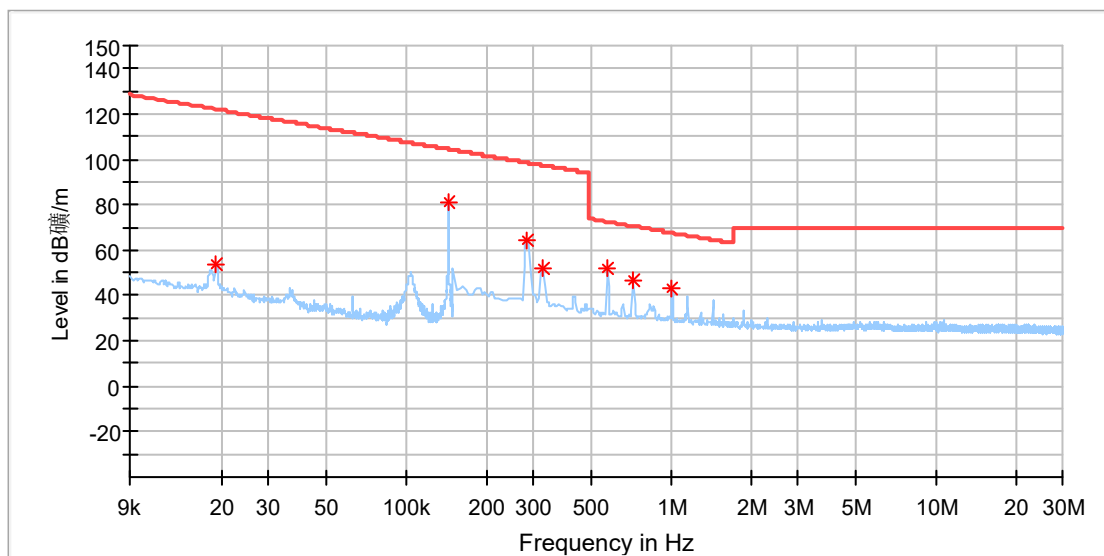
Critical_Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
0.019071	54.18	121.98	67.80	100.0	X	124.0	20.1
0.103873	55.33	107.27	51.93	100.0	X	320.0	20.1
0.143856	80.91	104.44	23.53	100.0	X	229.0	20.1
0.286081	68.41	98.47	30.06	100.0	X	352.0	20.1
0.325588	57.18	97.35	40.17	100.0	X	218.0	20.1
0.571412	56.19	72.47	16.28	100.0	X	352.0	20.1
1.005993	47.22	67.57	20.35	100.0	X	352.0	20.1
29.776125	47.11	69.50	22.39	100.0	X	13.0	20.7

Final_Result

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

EUT Name: Extension Cable Socket
Model: KF27
Test Mode: Charging (115-205kHz & 326.5kHz, 15W&2.5W)
Order No/Sample No: 168481196/A003707103-002
Test Voltage:: 120V/60Hz
Remark: Temp 23 Humi:58%
Test Standard: FCC Part 15C
Tested By: Kei Zhang
Reviewed By: Terry Yin



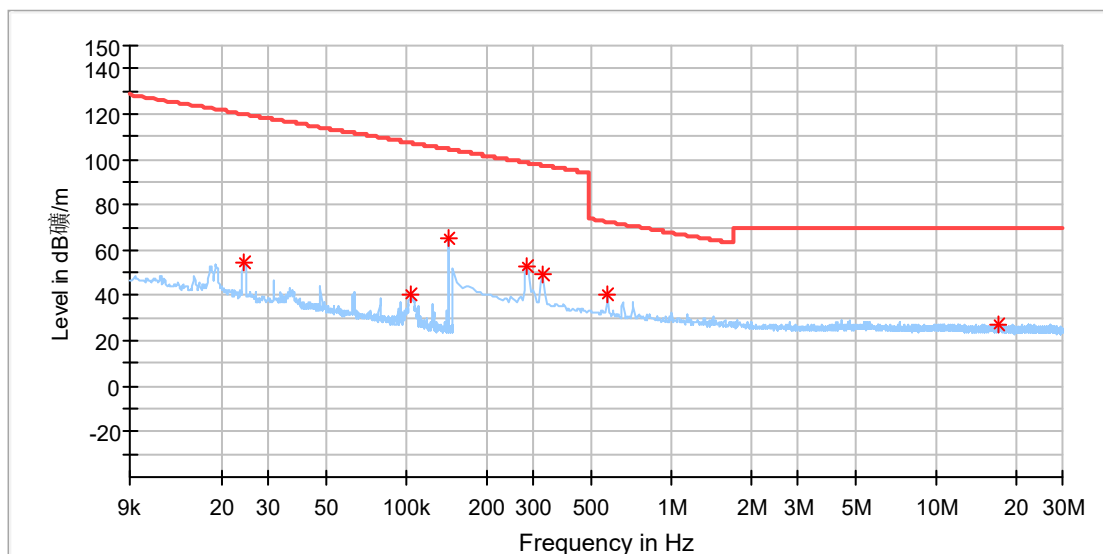
Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
0.019172	53.32	121.94	68.62	100.0	Y	67.0	20.1
0.143856	81.21	104.44	23.23	100.0	Y	96.0	20.1
0.286081	64.59	98.47	33.88	100.0	Y	77.0	20.1
0.325588	52.23	97.35	45.12	100.0	Y	289.0	20.1
0.571412	52.15	72.47	20.32	100.0	Y	77.0	20.1
0.716272	47.02	70.51	23.49	100.0	Y	77.0	20.1
1.005993	43.28	67.57	24.29	100.0	Y	77.0	20.1

Final Result

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

EUT Name: Extension Cable Socket
Model: KF27
Test Mode: Charging (115-205kHz & 326.5kHz, 15W&2.5W)
Order No/Sample No: 168481196/A003707103-002
Test Voltage:: 120V/60Hz
Remark: Temp 23 Humi:58%
Test Standard: FCC Part 15C
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

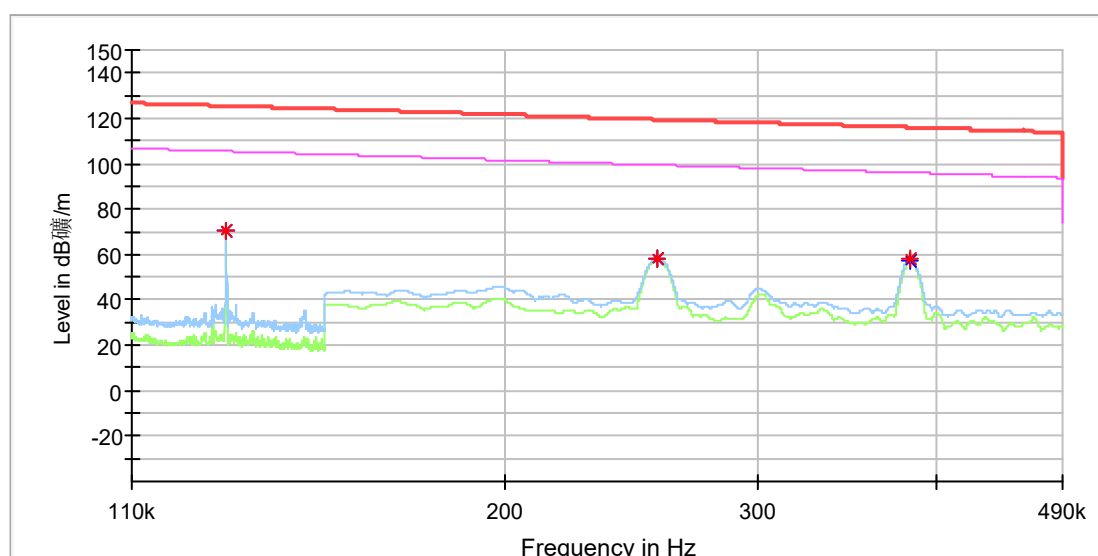
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
0.024409	54.25	119.84	65.59	100.0	Z	64.0	20.1
0.104276	40.68	107.23	66.55	100.0	Z	16.0	20.1
0.143756	65.39	104.45	39.06	100.0	Z	317.0	20.1
0.286081	52.38	98.47	46.10	100.0	Z	15.0	20.1
0.325588	49.22	97.35	48.13	100.0	Z	219.0	20.1
0.571412	40.72	72.47	31.75	100.0	Z	15.0	20.1
17.195228	27.24	69.50	42.26	100.0	Z	105.0	20.5

Final Result

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

110KHz - 490KHz

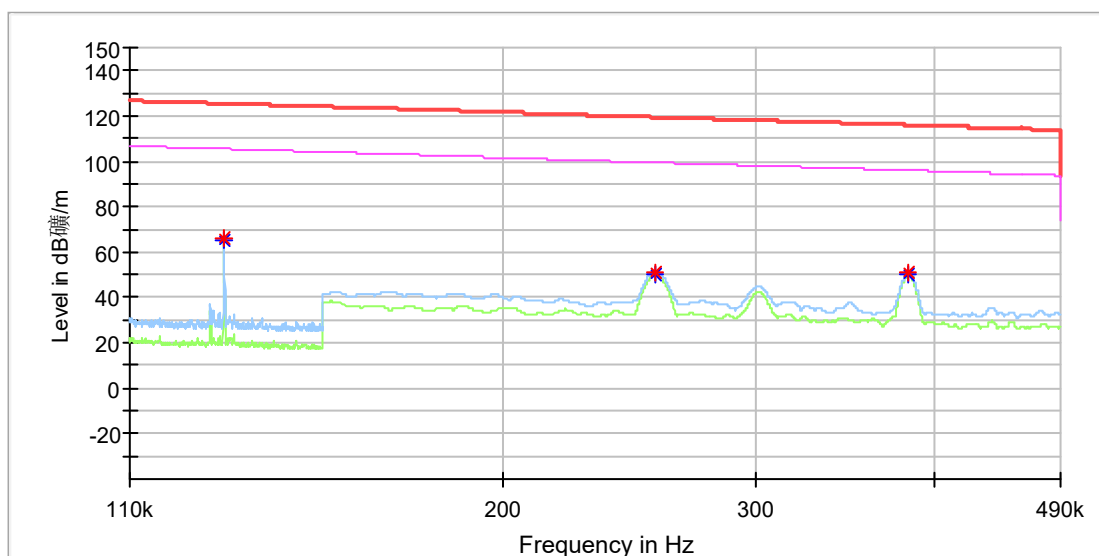
EUT Name: Extension Cable Socket
Model: KF27
Test Mode: Charging (115-205kHz, 5W)
Order No/Sample No: 168481196/A003771963-004
Test Voltage:: 120V/60Hz
Remark: Temp 23 Humi:53%
Test Standard: FCC Part 15C
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
0.128000	70.59	---	125.45	54.87	100.0	X	203.0	20.0
0.128000	---	70.34	105.45	35.11	100.0	X	203.0	20.0
0.256000	58.51	---	119.44	60.93	100.0	X	34.0	20.0
0.256000	---	58.15	99.44	41.29	100.0	X	34.0	20.0
0.383950	58.33	---	115.92	57.58	100.0	X	5.0	20.0
0.384000	---	57.45	95.92	38.47	100.0	X	5.0	20.0

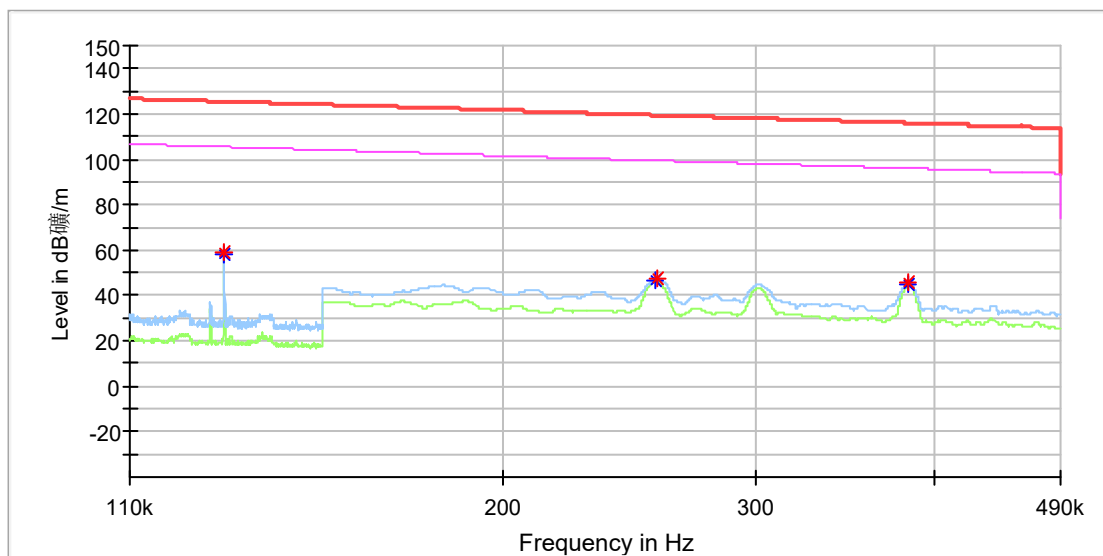
EUT Name: Extension Cable Socket
Model: KF27
Test Mode: Charging (115-205kHz, 5W)
Order No./Sample No: 168481196/A003771963-004
Test Voltage:: 120V/60Hz
Remark: Temp 23 Humi:53%
Test Standard: FCC Part 15C
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
0.128000	65.77	---	125.45	59.69	100.0	Y	124.0	20.0
0.128000	---	65.31	105.45	40.15	100.0	Y	124.0	20.0
0.255800	51.15	---	119.44	68.29	100.0	Y	111.0	20.0
0.255950	---	50.40	99.44	49.04	100.0	Y	111.0	20.0
0.384000	---	49.81	95.92	46.11	100.0	Y	97.0	20.0
0.384050	50.92	---	115.92	64.99	100.0	Y	97.0	20.0

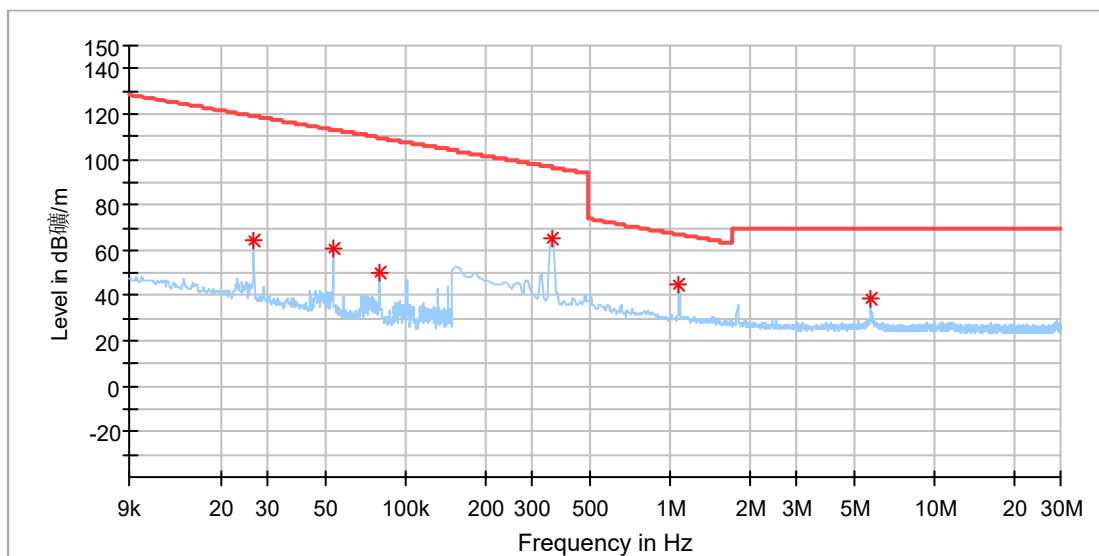
EUT Name:	Extension Cable Socket
Model:	KF27
Test Mode:	Charging (115-205kHz, 5W)
Order No./Sample No:	168481196/A003771963-004
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:53%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
0.128000	58.67	---	125.45	66.78	100.0	Z	57.0	20.0
0.128000	---	58.51	105.45	46.94	100.0	Z	57.0	20.0
0.256000	---	46.25	99.44	53.19	100.0	Z	213.0	20.0
0.256550	47.39	---	119.42	72.02	100.0	Z	213.0	20.0
0.383850	45.60	---	115.92	70.32	100.0	Z	218.0	20.0
0.384150	---	44.75	95.91	51.16	100.0	Z	218.0	20.0

EUT Name: Extension Cable Socket
Model: KF27
Test Mode: Charging (360kHz, 15W)
Order No/Sample No: 168481196/A003823586-001
Test Voltage:: 120V/60Hz
Remark: Temp 23 Humi:53%
Test Standard: FCC Part 15C
Tested By: Kei Zhang
Reviewed By: Terry Yin



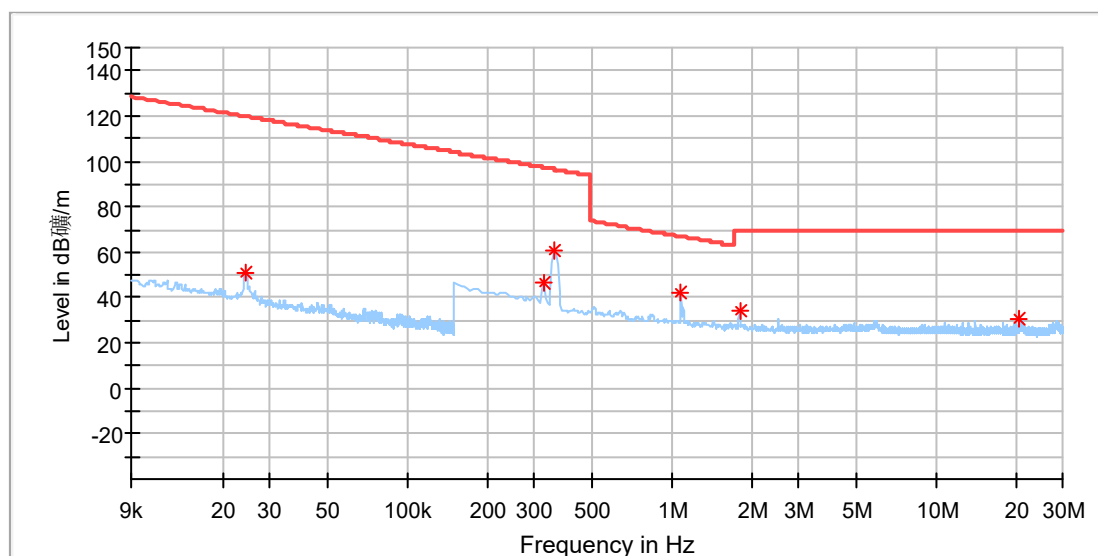
Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
0.026524	64.45	119.12	54.66	100.0	X	153.0	19.9
0.053113	60.74	113.09	52.35	100.0	X	130.0	19.9
0.079802	50.14	109.56	59.42	100.0	X	143.0	19.9
0.356316	65.28	96.57	31.28	100.0	X	119.0	19.9
1.076228	45.07	66.99	21.91	100.0	X	306.0	19.9
5.746875	38.47	69.50	31.03	100.0	X	19.0	20.1

Final Result

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

EUT Name: Extension Cable Socket
Model: KF27
Test Mode: Charging (360kHz, 15W)
Order No/Sample No: 168481196/A003823586-001
Test Voltage:: 120V/60Hz
Remark: Temp 23 Humi:53%
Test Standard: FCC Part 15C
Tested By: Kei Zhang
Reviewed By: Terry Yin



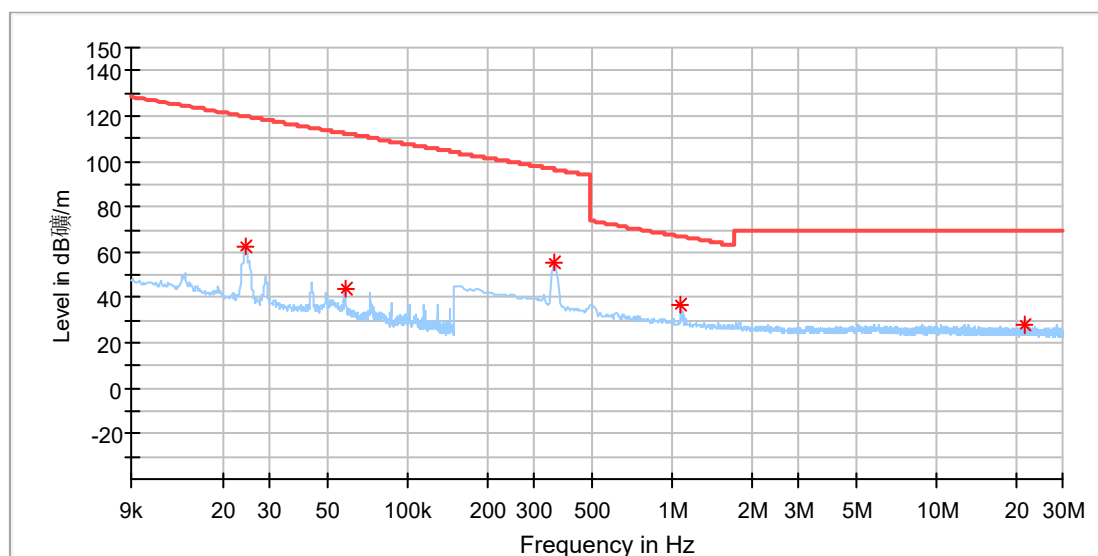
Critical_Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
0.024510	51.42	119.80	68.39	100.0	Y	53.0	19.9
0.325588	46.40	97.35	50.95	100.0	Y	279.0	19.9
0.356316	60.35	96.57	36.22	100.0	Y	30.0	19.9
1.080618	41.85	66.95	25.10	100.0	Y	221.0	19.9
1.796140	34.36	69.50	35.14	100.0	Y	228.0	20.0
20.518235	30.41	69.50	39.09	100.0	Y	134.0	20.4

Final_Result

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

EUT Name: Extension Cable Socket
Model: KF27
Test Mode: Charging (360kHz, 15W)
Order No./Sample No: 168481196/A003823586-001
Test Voltage:: 120V/60Hz
Remark: Temp 23 Humi:53%
Test Standard: FCC Part 15C
Tested By: Kei Zhang
Reviewed By: Terry Yin



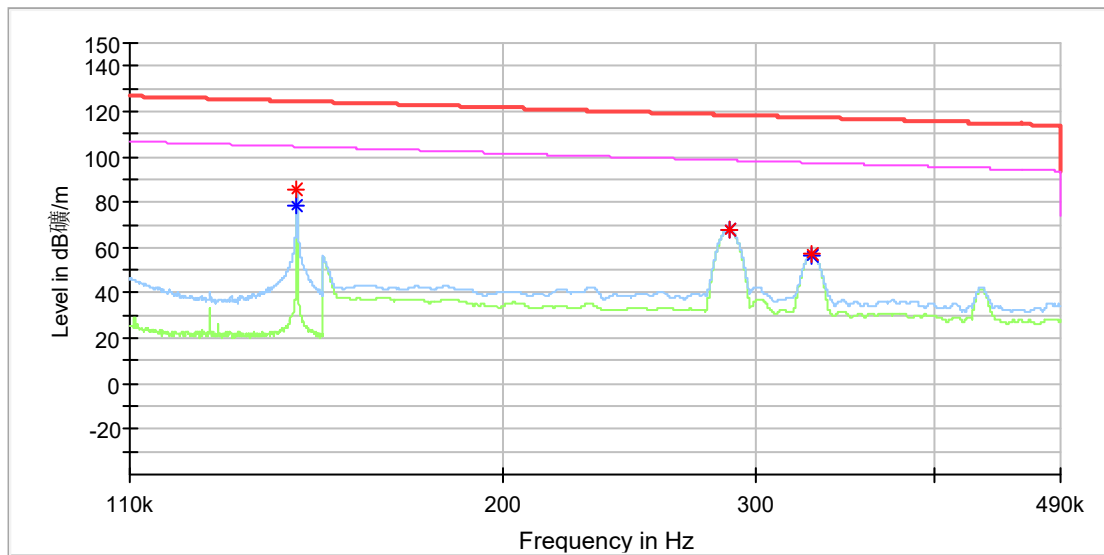
Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
0.024309	62.27	119.87	57.60	100.0	Z	130.0	19.9
0.057746	44.26	112.36	68.10	100.0	Z	348.0	19.9
0.356316	55.61	96.57	40.96	100.0	Z	135.0	19.9
1.076228	37.12	66.99	29.86	100.0	Z	103.0	19.9
21.462022	27.64	69.50	41.86	100.0	Z	38.0	20.4

Final Result

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

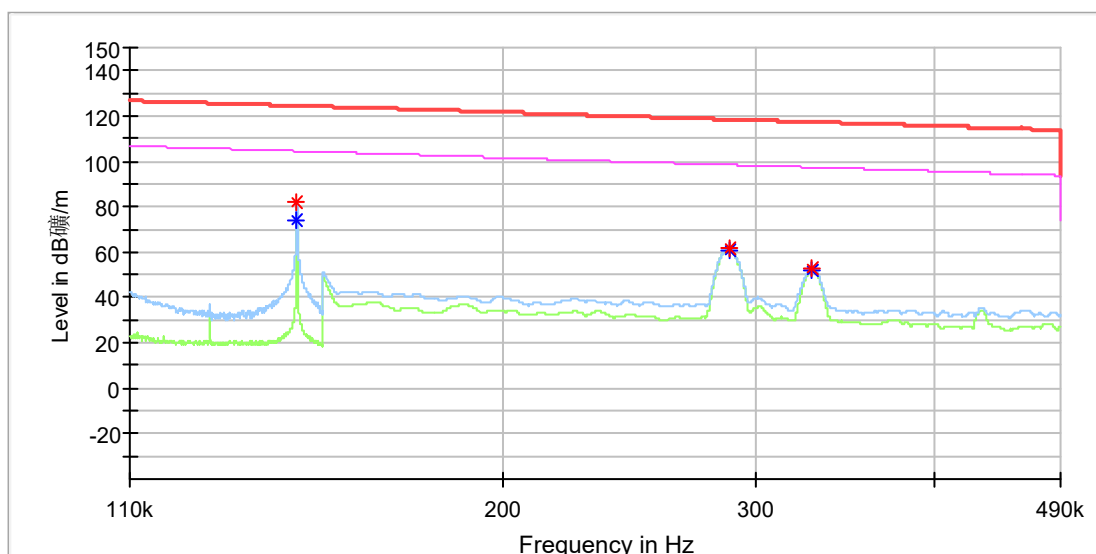
EUT Name: Extension Cable Socket
Model: KF27
Test Mode: Charging (115-205kHz & 326.5kHz, 15W&2.5W)
Order No/Sample No: 168481196/A003707103-002
Test Voltage:: 120V/60Hz
Remark: Temp 23 Humi:58%
Test Standard: FCC Part 15C
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
0.143857	---	78.76	104.44	25.68	100.0	X	0.0	20.0
0.143886	85.78	---	124.44	38.66	100.0	X	0.0	20.0
0.287700	67.82	---	118.42	50.60	100.0	X	177.0	20.0
0.287700	---	67.76	98.42	30.66	100.0	X	177.0	20.0
0.328600	56.78	---	117.27	60.49	100.0	X	217.0	20.0
0.328600	---	56.60	97.27	40.67	100.0	X	217.0	20.0

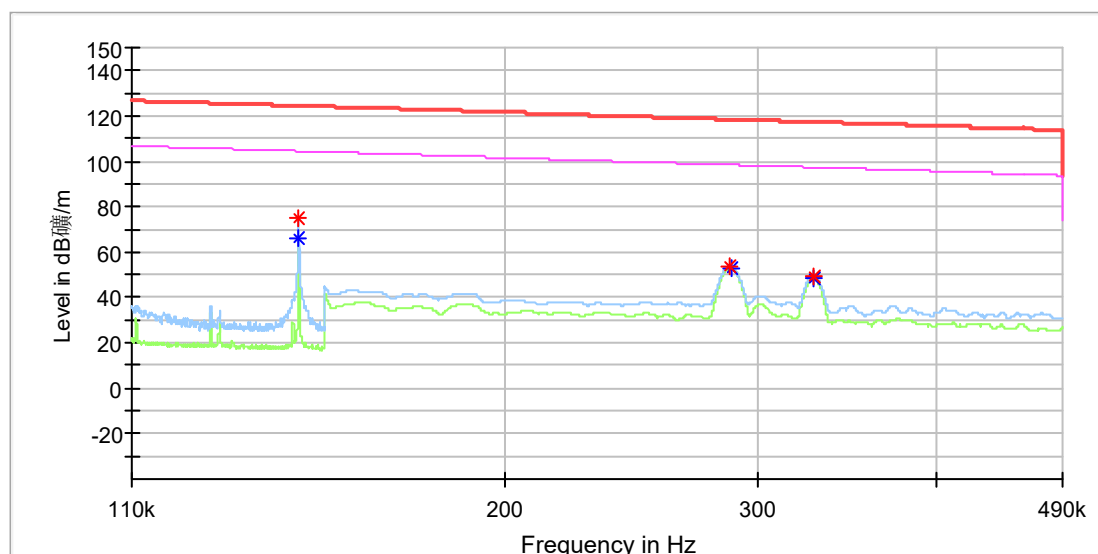
EUT Name: Extension Cable Socket
Model: KF27
Test Mode: Charging (115-205kHz & 326.5kHz, 15W&2.5W)
Order No./Sample No: 168481196/A003707103-002
Test Voltage:: 120V/60Hz
Remark: Temp 23 Humi:58%
Test Standard: FCC Part 15C
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
0.143886	---	74.08	104.44	30.35	100.0	Y	58.0	20.0
0.143886	81.74	---	124.44	42.70	100.0	Y	58.0	20.0
0.287700	61.37	---	118.42	57.05	100.0	Y	121.0	20.0
0.287700	---	61.08	98.42	37.34	100.0	Y	121.0	20.0
0.329000	---	52.04	97.26	45.21	100.0	Y	115.0	20.0
0.329050	52.47	---	117.26	64.79	100.0	Y	115.0	20.0

EUT Name:	Extension Cable Socket
Model:	KF27
Test Mode:	Charging (115-205kHz & 326.5kHz, 15W&2.5W)
Order No/Sample No:	168481196/A003707103-002
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:58%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

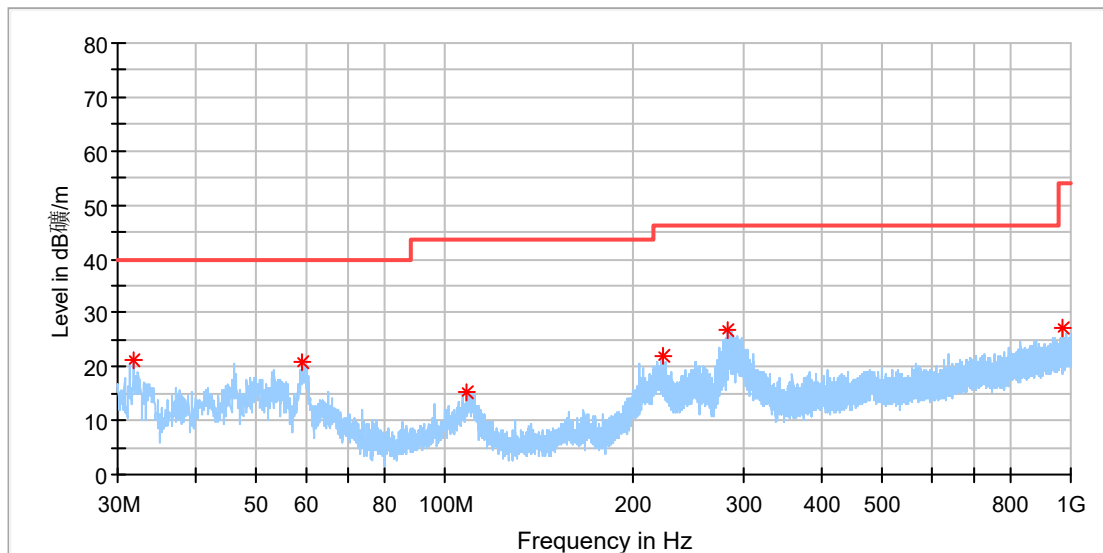


Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
0.143771	74.75	---	124.45	49.69	100.0	Z	156.0	20.0
0.143771	---	66.32	104.45	38.12	100.0	Z	156.0	20.0
0.287350	53.45	---	118.43	64.98	100.0	Z	243.0	20.0
0.287600	---	53.07	98.43	45.35	100.0	Z	243.0	20.0
0.328350	49.39	---	117.28	67.89	100.0	Z	211.0	20.0
0.328450	---	48.37	97.27	48.91	100.0	Z	211.0	20.0

30MHz - 1GHz

EUT Name:	Extension Cable Socket
Model:	KF27
Test Mode:	Charging (115-205kHz, 5W)
Order No/Sample No:	168481196/A003771963-004
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:53%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



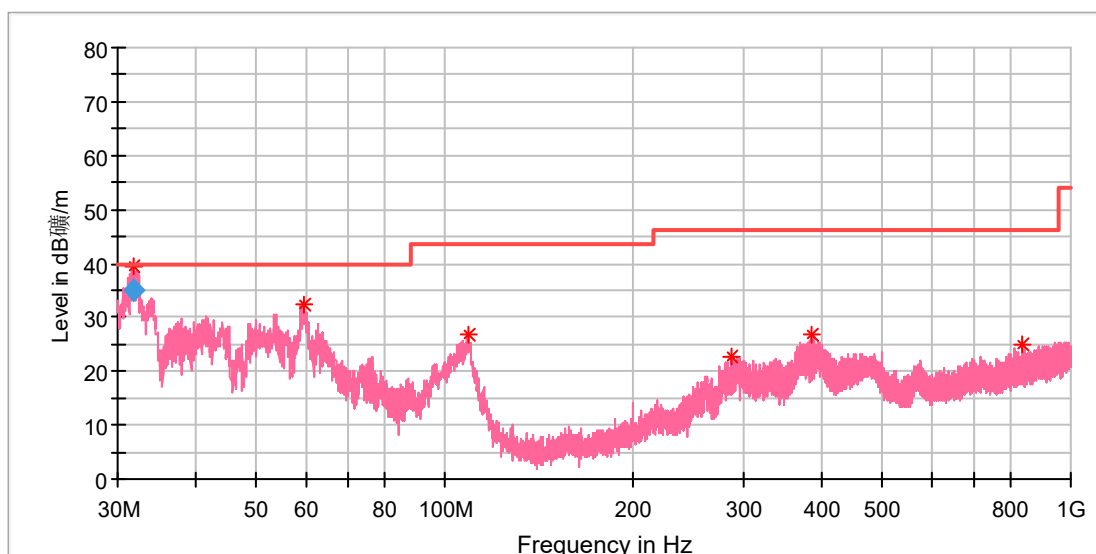
Critical_Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
31.865385	21.38	40.00	18.62	100.0	H	268.0	-23.0
59.286539	20.84	40.00	19.16	100.0	H	146.0	-19.2
108.570000	15.31	43.50	28.19	100.0	H	284.0	-19.3
223.925385	22.03	46.00	23.97	100.0	H	106.0	-18.7
282.908846	26.66	46.00	19.34	100.0	H	113.0	-17.0
973.772692	27.15	54.00	26.85	100.0	H	186.0	-4.5

Final_Result

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

EUT Name: Extension Cable Socket
Model: KF27
Test Mode: Charging (115-205kHz, 5W)
Order No/Sample No: 168481196/A003771963-004
Test Voltage:: 120V/60Hz
Remark: Temp 23 Humi:53%
Test Standard: FCC Part 15C
Tested By: Kei Zhang
Reviewed By: Terry Yin



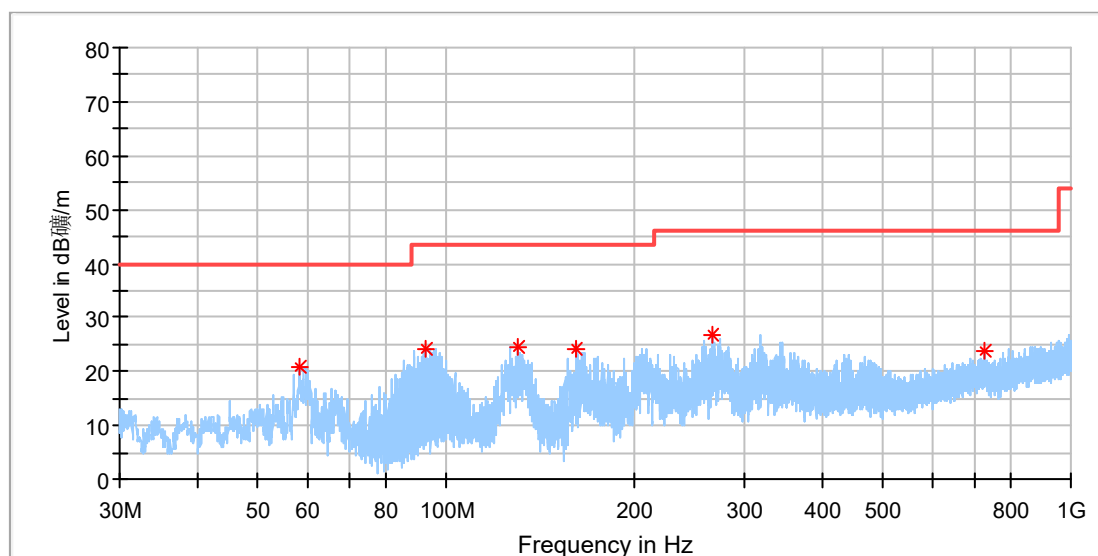
Critical_Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
31.865385	39.48	40.00	0.52	100.0	V	65.0	-23.0
59.771539	32.20	40.00	7.80	100.0	V	115.0	-19.3
108.793846	26.77	43.50	16.73	100.0	V	108.0	-19.3
286.938077	22.80	46.00	23.20	100.0	V	173.0	-16.9
385.691539	26.67	46.00	19.33	100.0	V	259.0	-14.4
838.830769	24.77	46.00	21.23	100.0	V	140.0	-6.1

Final_Result

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
31.880424	35.62	40.00	4.38	100.0	V	64.0	-23.0

EUT Name: Extension Cable Socket
Model: KF27
Test Mode: Charging (360kHz, 15W)
Order No/Sample No: 168481196/A003823586-001
Test Voltage:: 120V/60Hz
Remark: Temp 23 Humi:53%
Test Standard: FCC Part 15C
Tested By: Kei Zhang
Reviewed By: Terry Yin



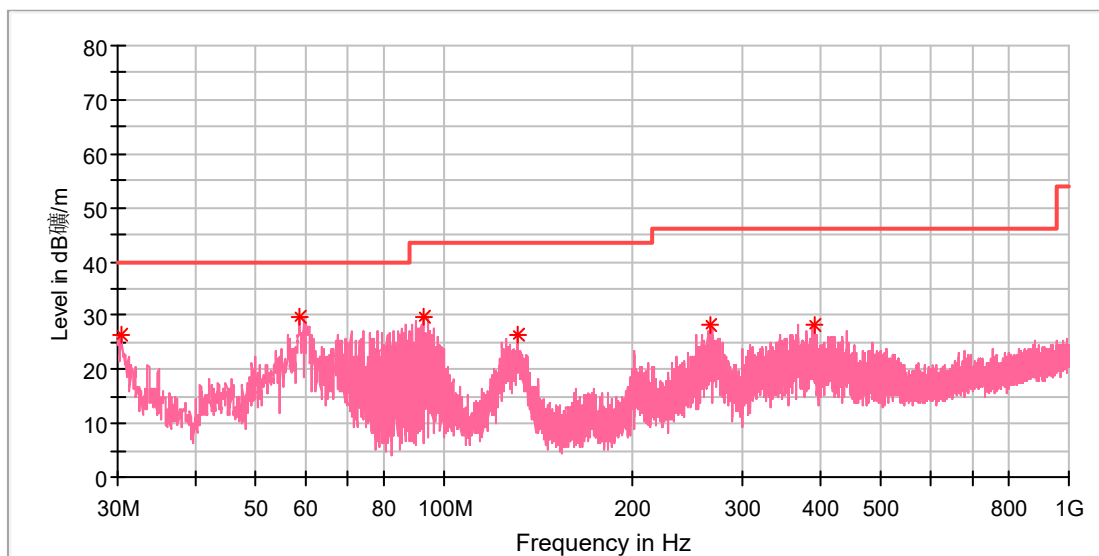
Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
58.204615	21.01	40.00	18.99	100.0	H	75.0	-19.1
92.527692	24.37	43.50	19.13	100.0	H	75.0	-20.7
130.320385	24.39	43.50	19.11	100.0	H	99.0	-22.2
162.031923	24.37	43.50	19.13	100.0	H	48.0	-21.9
267.127692	26.79	46.00	19.21	100.0	H	107.0	-17.3
729.370000	23.64	46.00	22.36	100.0	H	252.0	-7.9

Final Result

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

EUT Name: Extension Cable Socket
Model: KF27
Test Mode: Charging (360kHz, 15W)
Order No/Sample No: 168481196/A003823586-001
Test Voltage:: 120V/60Hz
Remark: Temp 23 Humi:53%
Test Standard: FCC Part 15C
Tested By: Kei Zhang
Reviewed By: Terry Yin



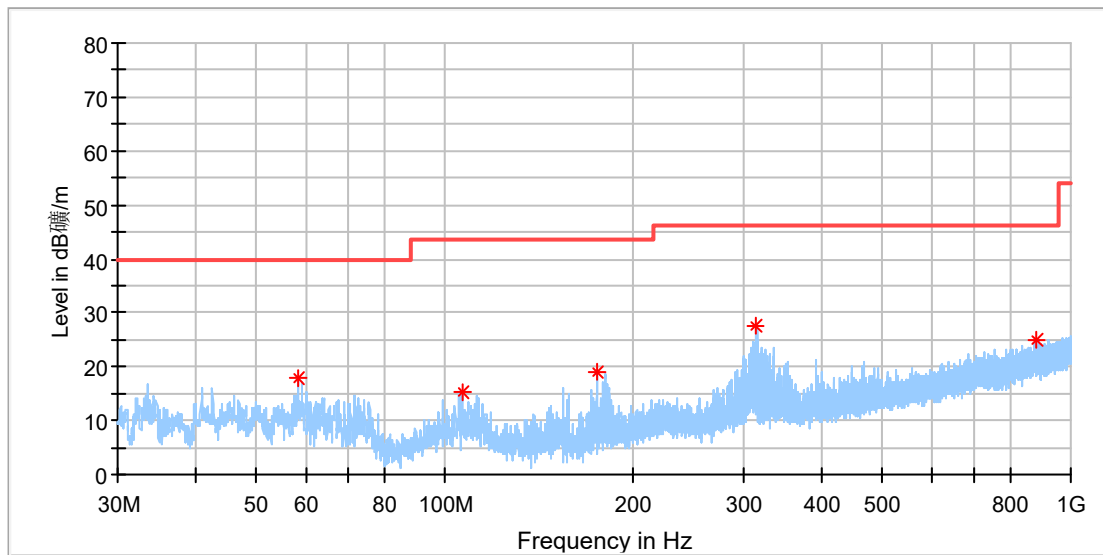
Critical_Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
30.373077	26.54	40.00	13.46	100.0	V	359.0	-23.3
58.764231	29.59	40.00	10.41	100.0	V	115.0	-19.2
92.527692	29.76	43.50	13.74	100.0	V	66.0	-20.7
131.365000	26.52	43.50	16.98	100.0	V	308.0	-22.2
266.903846	28.17	46.00	17.83	100.0	V	124.0	-17.3
392.556154	28.31	46.00	17.69	100.0	V	271.0	-14.3

Final_Result

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

EUT Name: Extension Cable Socket
Model: KF27
Test Mode: Charging (115-205kHz & 326.5kHz, 15W&2.5W)
Order No/Sample No: 168481196/A003707103-002
Test Voltage:: 120V/60Hz
Remark: Temp 23 Humi:58%
Test Standard: FCC Part 15C
Tested By: Kei Zhang
Reviewed By: Terry Yin



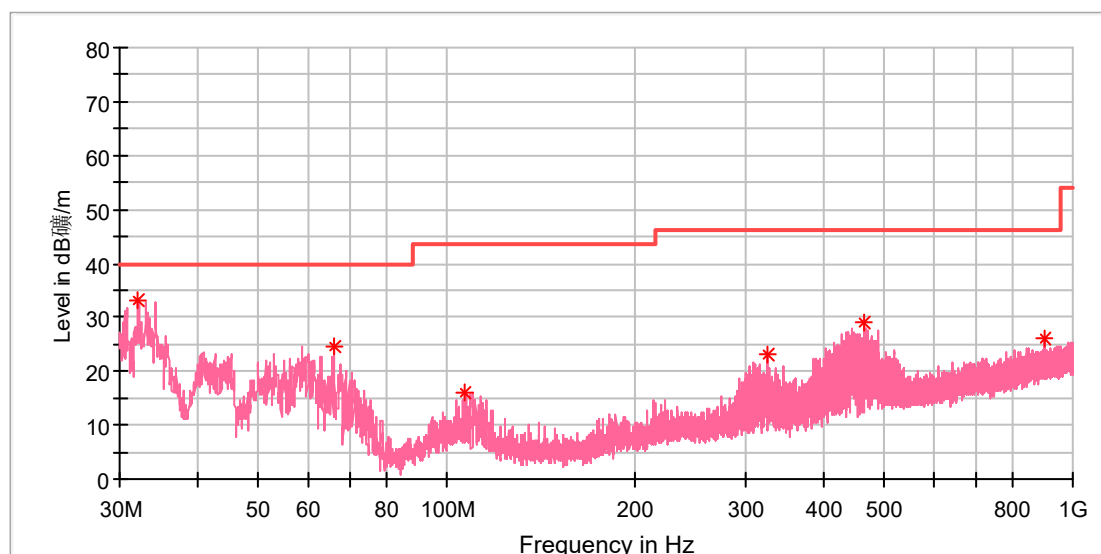
Critical_Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
58.353846	17.88	40.00	22.12	100.0	H	13.0	-19.1
106.406154	15.26	43.50	28.24	100.0	H	113.0	-19.2
175.089615	18.80	43.50	24.70	100.0	H	88.0	-21.2
314.918846	27.40	46.00	18.60	100.0	H	248.0	-16.2
883.637308	25.03	46.00	20.97	100.0	H	0.0	-5.5

Final_Result

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

EUT Name: Extension Cable Socket
Model: KF27
Test Mode: Charging (115-205kHz & 326.5kHz, 15W&2.5W)
Order No/Sample No: 168481196/A003707103-002
Test Voltage:: 120V/60Hz
Remark: Temp 23 Humi:58%
Test Standard: FCC Part 15C
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

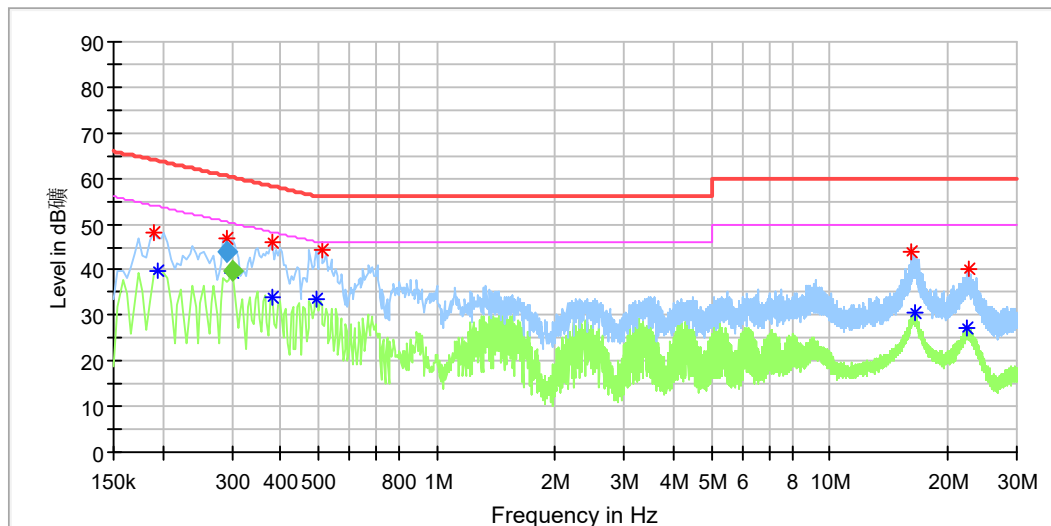
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
32.163846	33.13	40.00	6.87	100.0	V	92.0	-23.0
66.188462	24.57	40.00	15.43	100.0	V	9.0	-20.8
107.189615	15.86	43.50	27.64	100.0	V	147.0	-19.2
324.730769	23.05	46.00	22.95	100.0	V	51.0	-15.9
464.373462	29.02	46.00	16.98	100.0	V	156.0	-13.0
904.455000	26.13	46.00	19.87	100.0	V	0.0	-5.4

Final Result

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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Appendix A.4: Test Results of Conducted Emission on AC Mains

EUT Name: Extension Cable Socket
Model: KF27
Test Mode: Charging
Order No/Sample No: 168481196/A003707103-002
Test Voltage:: 120V/60Hz
Remark: Temp 24 Humi:50%
Test Standard: FCC Part 15C
Tested By: Junhua
Reviewed By: Shower Dai



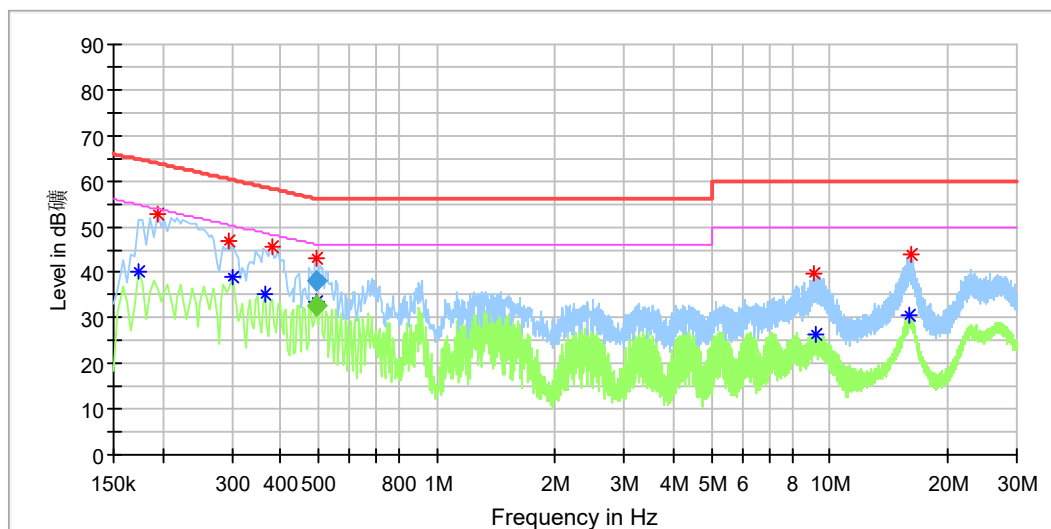
Critical Freqs

Frequency (MHz)	MaxPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)
0.190000	48.17	---	64.04	15.87	L1	9.9
0.194000	---	39.93	53.86	13.94	L1	9.9
0.290500	46.93	---	60.64	13.71	L1	9.9
0.301500	---	39.43	50.19	10.75	L1	9.9
0.382000	---	33.94	48.24	14.29	L1	9.9
0.382000	45.93	---	58.24	12.30	L1	9.9
0.494000	---	33.65	46.10	12.45	L1	10.0
0.510000	44.31	---	56.00	11.69	L1	10.0
16.250000	44.14	---	60.00	15.86	L1	10.4
16.438000	---	30.44	50.00	19.57	L1	10.4
22.378000	---	27.15	50.00	22.85	L1	10.4
22.530000	40.32	---	60.00	19.68	L1	10.4

Final Result

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.290500	44.11	---	60.51	16.40	1000.0	9.000	L1	9.9
0.301500	---	39.62	50.20	10.59	1000.0	9.000	L1	9.9

EUT Name: Extension Cable Socket
Model: KF27
Test Mode: Charging
Order No./Sample No: 168481196/A003707103-002
Test Voltage:: 120V/60Hz
Remark: Temp 24 Humi:50%
Test Standard: FCC Part 15C
Tested By: Junhua
Reviewed By: Shower Dai



Critical Freqs

Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.174000	---	40.33	54.77	14.44	N	9.8
0.194000	52.57	---	63.86	11.29	N	9.8
0.294000	46.87	---	60.41	13.55	N	9.8
0.302000	---	38.89	50.19	11.30	N	9.8
0.366000	---	35.17	48.59	13.42	N	9.8
0.382000	45.78	---	58.24	12.46	N	9.8
0.493500	---	33.40	46.17	12.77	N	9.8
0.494500	43.01	---	56.17	13.15	N	9.8
9.106000	39.60	---	60.00	20.40	N	10.0
9.242000	---	26.40	50.00	23.60	N	10.0
15.998000	---	30.35	50.00	19.65	N	10.2
16.134000	44.11	---	60.00	15.89	N	10.2

Final Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.493500	---	32.71	46.11	13.40	1000.0	9.000	N	9.8
0.494500	37.96	---	56.09	18.13	1000.0	9.000	N	9.8