

FCC PART 15.225

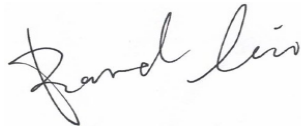
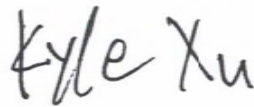
TEST REPORT

For

Shanghai Xiangcheng Communication Technology Co.,Ltd

6th Floor, Building 10, No.3000 Longdong Avenue, Pudong New District, Shanghai, China

FCC ID: 2A2UU-K1133

Report Type: Original Report	Product Name: Mini POS Terminal
Report Number: <u>RKSA260107001-00E</u>	
Report Date: <u>2026-04-29</u>	
Reviewed By: <u>Bard Liu</u>	
Approved By: <u>Kyle Xu</u>	
Test Laboratory: Bay Area Compliance Laboratories Corp. (Kunshan) No.248 Chenghu Road, Kunshan, Jiangsu Province, China Tel: +86-512-86175000 Fax: +86-512-88934268 www.baclcorp.com.cn	

Note: This test report is prepared for the customer shown above and for the device described herein. It may not be duplicated or used in part without prior written consent from Bay Area Compliance Laboratories Corp. (Kunshan). This report must not be used by the customer to claim product certification, approval, or endorsement by NVLAP, or any agency of the U.S. Government.

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REPORT REVISION HISTORY

Number of Revisions	Report No.	Version	Issue Date	Description
0	RKSA260107001-00E	R1V1	2026-04-29	Initial Release

GENERAL INFORMATION

Product Description for Equipment under Test (EUT)

Applicant:	Shanghai Xiangcheng Communication Technology Co.,Ltd
Tested Model:	K1133
Product Name:	Mini POS Terminal
Power Supply:	DC 5.2V from adapter or DC 3.87V from battery or DC 5V from adapter
Trademark:	KOZEN, Koblie
RF Function:	NFC
Operating Band/Frequency:	13.56 MHz

Note: After testing with a representative tag and without the tags for all measurement, the with a representative tag is the worst in this report.

Adapter 1 information:

Model: LM-202U-052200U01FCC

Input: AC 100-240V, 50/60Hz, 0.35A

Output: DC 5.2V, 2000mA

Adapter 2 information:

Model: PS10UA050K2000UU

Input: AC 100-240V, 50/60Hz, 0.35A Max.

Output: DC 5.0V, 2.0A, 10.0W

All measurement and test data in this report was gathered from production sample serial number: RKSA260107001-1 (Assigned by the BACL (Kunshan). The EUT supplied by the applicant was received on 2026-01-07.)

Objective

This Type approval report is prepared for *Shanghai Xiangcheng Communication Technology Co.,Ltd* in accordance with Part 2- Subpart J, and Part 15-Subparts A and C of the Federal Communication Commission's rules.

The objective is to determine the Compliance of the EUT with FCC rules, sec 15.203, 15.205, 15.207, 15.209, 15.215 and 15.225.

Test Methodology

All measurements contained in this report were conducted with ANSI C63.10-2020, American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices.

Measurement Uncertainty

Item		Uncertainty
AC Power Lines Conducted Emissions		3.19 dB
RF conducted test with spectrum		0.9dB
Radiated emission	9kHz~30MHz	3.19dB
	30MHz~1GHz	6.11dB
Occupied Bandwidth		0.5kHz
Temperature		1.0°C
Humidity		6%

Test Facility

The Test site used by Bay Area Compliance Laboratories Corp. (Kunshan) to collect test data is located on the No.248 Chenghu Road, Kunshan, Jiangsu Province, China.

Bay Area Compliance Laboratories Corp. (Kunshan) is accredited in accordance with ISO/IEC 17025:2017 by NVLAP (Lab code: 600338-0), and the lab has been recognized as the FCC accredited lab under the KDB 974614 D01, the FCC Designation No.: CN5055.

SYSTEM TEST CONFIGURATION

Justification

The system was configured for testing in a typical fashion (as normally used by a typical user).

EUT Exercise Software

The EUT is tested in the engineering mode.

Equipment Modifications

No modification on the EUT.

Support Equipment List and Details

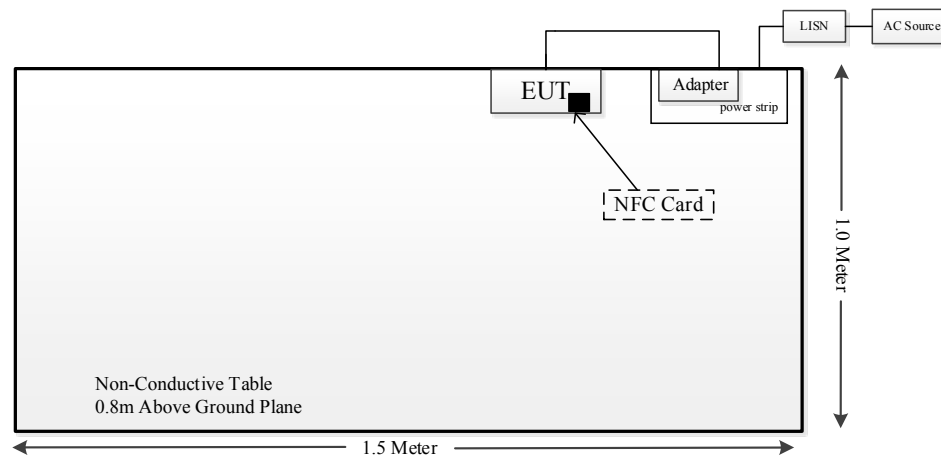
Manufacturer	Description	Model	Serial Number
/	NFC card	/	/

External I/O Cable

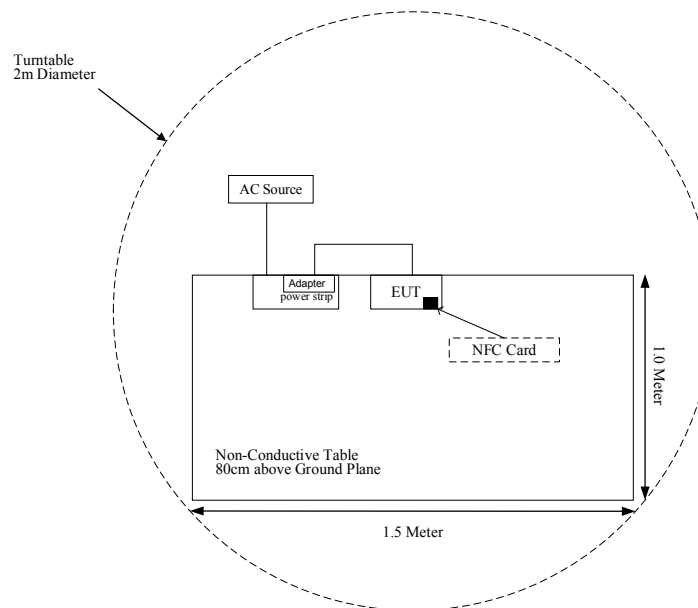
Cable Description	Length (m)	From Port	To Port
Power Cable	1.0	AC Source/LISN	Adapter
USB Cable	1.0	Adapter	EUT

Block Diagram of Test Setup

For Conducted Emissions:



For Radiated Emissions (Below 1GHz):



SUMMARY OF TEST RESULTS

FCC Rules	Description of Test	Result
§1.1310 & §2.1093	RF Exposure	Compliant
§15.203	Antenna Requirement	Compliant
§15.207 (a)	AC Line Conducted Emissions	Compliant
§15.225 §15.209 §15.205	Radiated Emission Test	Compliant
§15.225(e)	Frequency Stability	Compliant
§15.215(c)	20dB Emission Bandwidth Testing	Compliant

TEST EQUIPMENT LIST

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
Radiated Emission Test & 20dB EMISSION BANDWIDTH					
Rohde & Schwarz	EMI Test Receiver	ESCI	100195	2025-04-09	2026-04-08
Rohde & Schwarz	EMI Test Receiver	ESCI	100195	2026-03-13	2027-03-12
Sunol Sciences	Broadband Antenna	JB3	A090314-1	2024-11-08	2027-11-07
BACL	Active Loop Antenna	1313-1A	4041511	2024-11-22	2027-11-21
Narda	6dB Attenuator	773-6	10690812-2-1	2024-11-08	2027-11-07
Sonoma Instrument	Pre-amplifier	310N	171205	2025-04-09	2026-04-08
Sonoma Instrument	Pre-amplifier	310N	171205	2026-03-13	2027-03-12
Rohde & Schwarz	Auto Test Software	EMC32	100361	N/A	N/A
MICRO-COAX	Coaxial Cable	Cable-8	008	2025-04-09	2026-04-08
MICRO-COAX	Coaxial Cable	Cable-8	008	2026-03-13	2027-03-12
MICRO-COAX	Coaxial Cable	Cable-9	009	2025-04-09	2026-04-08
MICRO-COAX	Coaxial Cable	Cable-9	009	2026-03-13	2027-03-12
MICRO-COAX	Coaxial Cable	Cable-10	010	2025-04-09	2026-04-08
MICRO-COAX	Coaxial Cable	Cable-10	010	2026-03-13	2027-03-12
Frequency Stability					
BACL	Temperature & Humidity Chamber	BTH-150	30023	2025-04-09	2026-04-08
EAST	Regulated DC Power Supply	MCH-303D-II	14070562	N/A	N/A
FLUKE	Multimeter	12E+	64150133WS	2025-04-09	2026-04-08
Rohde & Schwarz	EMI Test Receiver	ESCI	100195	2025-04-09	2026-04-08
BACL	Active Loop Antenna	1313-1A	4041511	2024-11-22	2027-11-21
MICRO-COAX	Coaxial Cable	Cable-10	010	2025-04-09	2026-04-08
Conducted Emission Test					
Rohde & Schwarz	EMI Test Receiver	ESR	101746	2025-09-01	2026-08-31
Rohde & Schwarz	EMI Test Receiver	ESR	101746	2026-03-13	2027-03-12
Rohde & Schwarz	LISN	ENV216	101115	2025-04-08	2026-04-07
Rohde & Schwarz	LISN	ENV216	101115	2026-03-12	2027-03-11
Audix	Test Software	e3	V9	N/A	N/A
Rohde & Schwarz	Pulse limiter	ESH3-Z2	100552	2025-04-08	2026-04-07
Rohde & Schwarz	Pulse limiter	ESH3-Z2	100552	2026-04-08	2027-04-07
MICRO-COAX	Coaxial Cable	Cable-15	015	2025-04-08	2026-04-07
MICRO-COAX	Coaxial Cable	Cable-15	015	2026-03-13	2027-03-12

Statement of Traceability: Bay Area Compliance Laboratories Corp. (Kunshan) attests that all calibrations have been performed in accordance to requirements that traceable to National Primary Standards and International System of Units (SI).

FCC§1.1310 & §2.1093 - RF EXPOSURE

Applicable Standard

According to KDB447498 D01 General RF Exposure Guidance v06: 4.3. General SAR test exclusion Guidance

c) For frequencies below 100 MHz, the following may be considered for SAR test exclusion (also illustrated in Appendix C):

- 1) For test separation distances > 50 mm and < 200 mm, the power threshold at the corresponding test separation distance at 100 MHz in step b) is multiplied by $[1 + \log(100/f(\text{MHz}))]$
- 2) For test separation distances ≤ 50 mm, the power threshold determined by the equation in c) 1) for 50 mm and 100 MHz is multiplied by $\frac{1}{2}$
- 3) SAR measurement procedures are not established below 100 MHz.

Measurement Result:

For NFC, the power of EUT: E-Field@3m is 70.36 dBuV/m = -24.84 dBm (0.00328mW)

Note: EIRP[dBm] = E[dBuV/m] - 95.2 for d = 3 m.

SAR test exclusion threshold for NFC (13.56MHz) separation distance < 50 mm

$$= [474 * (1 + \log(100/f(\text{MHz}))) / 2]$$

$$= 443 \text{ mW}$$

$$> 0.00328 \text{ mW}$$

Result: Compliant.

FCC§15.203 - ANTENNA REQUIREMENT

Applicable Standard

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section.

Antenna Connected Construction

The EUT has an internal antenna for 13.56 MHz, the antenna was permanently attached, fulfill the requirement of this section, please refer to the EUT photos.

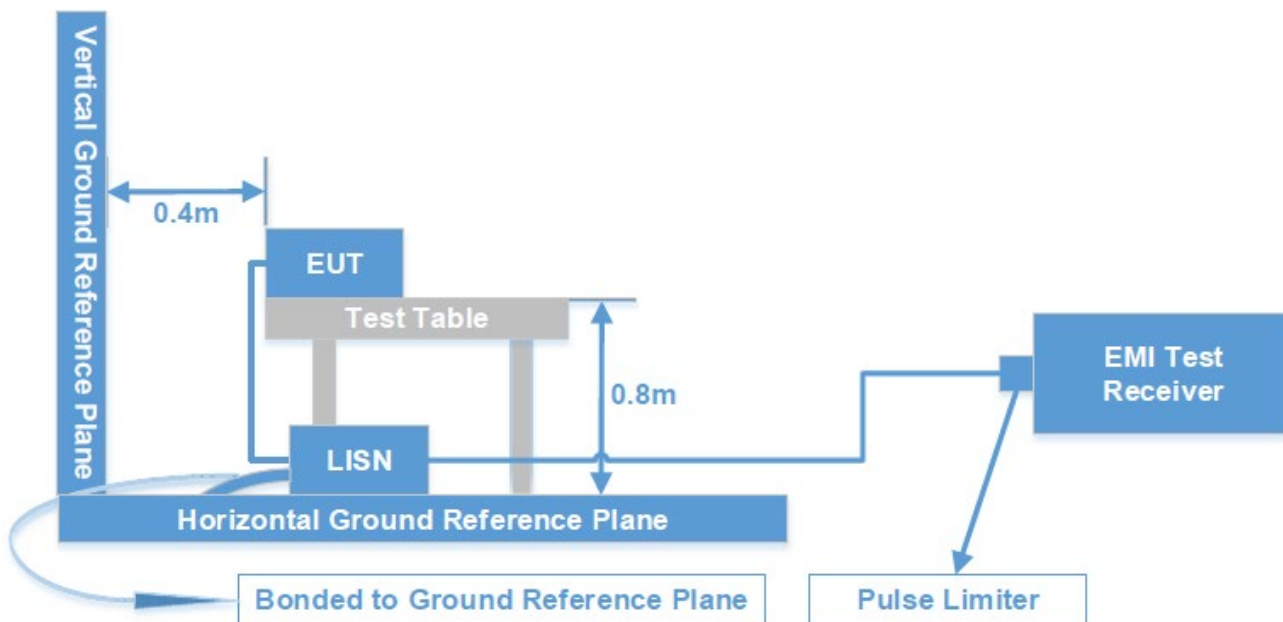
Result: Compliant.

FCC §15.207 (a) – AC LINE CONDUCTED EMISSIONS

Applicable Standard

FCC§15.207(a)

Test System Setup



The setup of EUT is according with per ANSI C63.10-2020 measurement procedure. The specification used was with the FCC Part 15.207 limits.

The spacing between the peripherals was 10 cm.

EMI Test Receiver Setup

During the conducted emission test, the EMI test receiver was set with the following configurations:

Frequency Range	RBW
150 kHz - 30 MHz	9 kHz

Test Procedure

During the conducted emission test, the adapter was connected to the outlet of the LISN.

Maximizing procedure was performed on the six (6) highest emissions of the EUT.

If the maximum peak value of the emissions is below the average limit, the QP value and average value measurement will not need to be performed and only record the maximum peak measured value to meet the requirements.

Level & Over Limit Calculation

The Level is calculated by adding LISN VDF (Voltage Division Factor), Cable Loss and Transient Limiter Attenuation from the Meter Reading. The basic equation is as follows:

$$\text{Factor (dB)} = \text{LISN VDF (dB)} + \text{Cable Loss (dB)} + \text{Transient Limiter Attenuation (dB)}$$

$$\text{Level (dB}\mu\text{V)} = \text{Read level (dB}\mu\text{V)} + \text{Factor (dB)}$$

The “**Over Limit**” column of the following data tables indicates the degree of compliance with the applicable limit. For example, an Over Limit of 7 dB means the emission is 7 dB above the limit. The equation for Over Limit calculation is as follows:

$$\text{Over Limit (dB)} = \text{Level (dB}\mu\text{V)} - \text{Limit (dB}\mu\text{V)}$$

Test Results Summary

According to the recorded data in following table, the EUT complied with the FCC Part 15.207.

Test Data: See Appendix

FCC§15.225, §15.205 & §15.209 - RADIATED EMISSIONS TEST

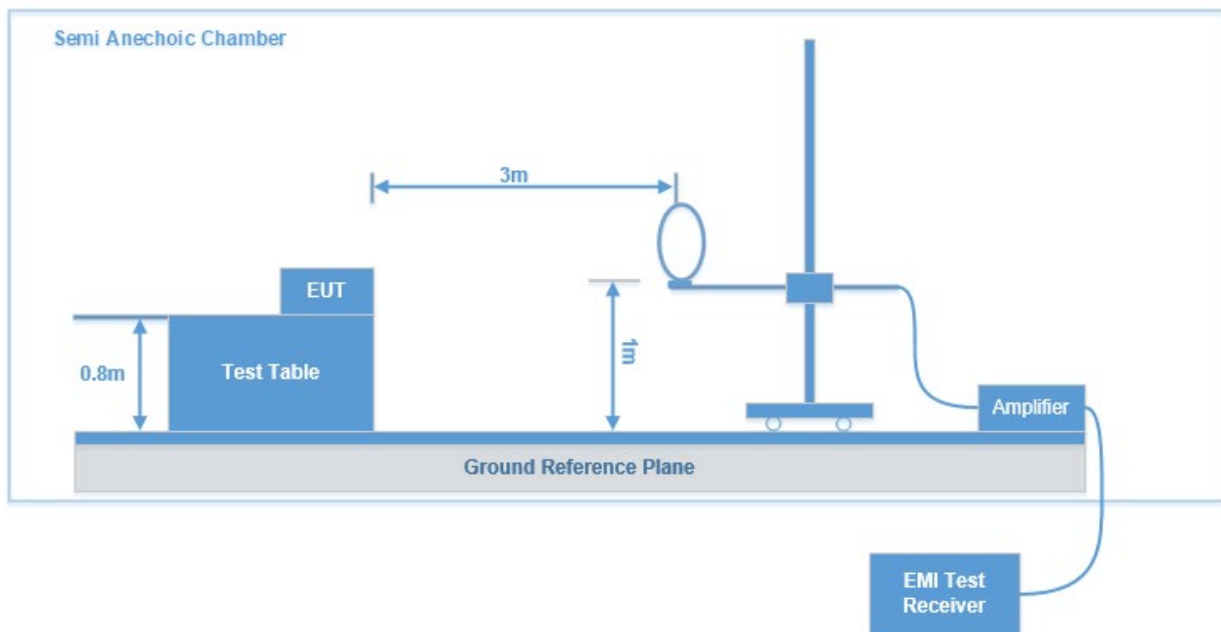
Applicable Standard

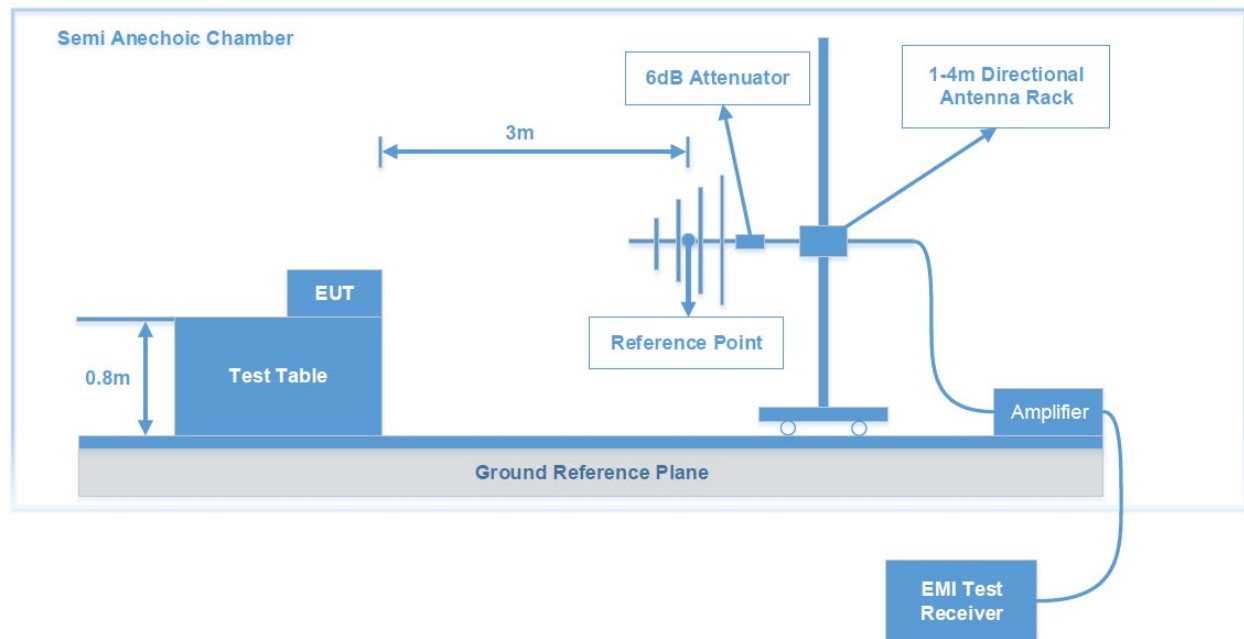
As per FCC Part 15.225

- (a) The field strength of any emissions within the band 13.553–13.567 MHz shall not exceed 15,848 microvolts/meter at 30 meters.
- (b) Within the bands 13.410–13.553 MHz and 13.567–13.710 MHz, the field strength of any emissions shall not exceed 334 microvolts/meter at 30 meters.
- (c) Within the bands 13.110–13.410 MHz and 13.710–14.010 MHz the field strength of any emissions shall not exceed 106 microvolts/meter at 30 meters.
- (d) The field strength of any emissions appearing outside of the 13.110–14.010 MHz band shall not exceed the general radiated emission limits in §15.209.

Test System Setup

9k - 30MHz:



30 MHz - 1 GHz:

The radiated emission tests were performed in the 3-meter chamber a test site, using the setup accordance with the ANSI C63.10. The specification used was the FCC Part Subpart C limits.

The spacing between the peripherals was 10 cm.

EMI Test Receiver Setup

According to FCC Rules, 47 CFR 15.33, the EUT emissions were investigated up to 1000 MHz.

During the radiated emission test, the EMI test Receiver was set with the following configurations:

Frequency Range	RBW	VBW	IF B/W	Measurement	Detector
9 kHz - 150 kHz	200 Hz	1 kHz	200 Hz	Peak/QP/Average	Peak/QP/Average
150 kHz - 30 MHz	9 kHz	30 kHz	9 kHz	Peak/QP/Average	Peak/QP/Average
30 MHz - 1000 MHz	100 kHz	300 kHz	/	Peak	Peak
	/	/	120 kHz	QP	QP

For 9 kHz-30MHz test, the lowest height of the magnetic antenna shall be 1 m above the ground and three antenna orientations (parallel, perpendicular, and ground-parallel) shall be measured.

Corrected Amplitude & Margin Calculation

The Corrected Amplitude is calculated by adding the Antenna Factor and Cable Loss, and subtracting the Amplifier Gain from the Meter Reading. The basic equation is as follows:

Corrected Amplitude (dBμV/m) = Meter Reading (dBμV) + Antenna Factor (dB/m) + Cable Loss (dB) - Amplifier Gain (dB)

The “Margin” column of the following data tables indicates the degree of compliance with the applicable limit. For example, a margin of 7dB means the emission is 7dB below the limit. The equation for margin calculation is as follows:

Margin (dB) = Limit (dBμV/m) – Corrected Amplitude (dBμV/m)

Test Results Summary

According to the data in the following table, the EUT complied with the FCC Part 15.209, 15.205, 15.225.

Test Data: See Appendix

FCC§15.225(e) - FREQUENCY STABILITY

Applicable Standard

The frequency tolerance of the carrier signal shall be maintained within $\pm 0.01\%$ of the operating frequency over a temperature variation of -20 degrees to $+50$ degrees C at normal supply voltage, and for a variation in the primary supply voltage from 85% to 115% of the rated supply voltage at a temperature of 20 degrees C. For battery operated equipment, the equipment tests shall be performed using a new battery.

Test Procedure

a) Supply the EUT with a nominal ac voltage or install a new or fully charged battery in the EUT. If possible, a dummy load shall be connected to the EUT because an antenna near the metallic walls of an environmental test chamber could affect the output frequency of the EUT. If the EUT is equipped with a permanently attached, adjustable-length antenna, then the EUT shall be placed in the center of the chamber with the antenna adjusted to the shortest length possible. Turn ON the EUT and tune it to one of the number of frequencies shown in 5.6.

b) Couple the unlicensed wireless device output to the measuring instrument by connecting an antenna to the measuring instrument with a suitable length of coaxial cable and placing the measuring antenna near the EUT (e.g., 15 cm away), or by connecting a dummy load to the measuring instrument, through an attenuator if necessary.

NOTE—An instrument that has an adequate level of accuracy as specified by the procuring or regulatory agency is the recommended measuring instrument.

c) Adjust the location of the measurement antenna and the controls on the measurement instrument to obtain a suitable signal level (i.e., a level that will not overload the measurement instrument but is strong enough to allow measurement of the operating or fundamental frequency of the EUT).

d) Turn the EUT OFF and place it inside the environmental temperature chamber. For devices that have oscillator heaters, energize only the heater circuit.

e) Set the temperature control on the chamber to the highest specified in the regulatory requirements for the type of device and allow the oscillator heater and the chamber temperature to stabilize.

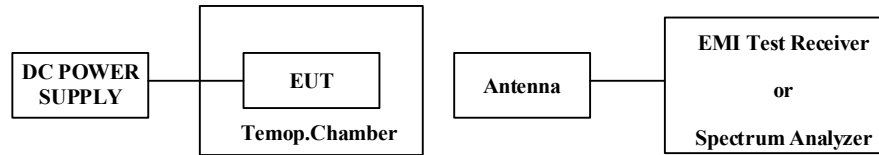
f) While maintaining a constant temperature inside the environmental chamber, turn the EUT ON and record the operating frequency at startup, and at 2 minutes, 5 minutes, and 10 minutes after the EUT is energized. Four measurements in total are made.

g) Measure the frequency at each of frequencies specified in 5.6.

h) Switch OFF the EUT but do not switch OFF the oscillator heater.

i) Lower the chamber temperature by not more than 10°C , and allow the temperature inside the chamber to stabilize.

j) Repeat step f) through step i) down to the lowest specified temperature.



Test Data: See Appendix

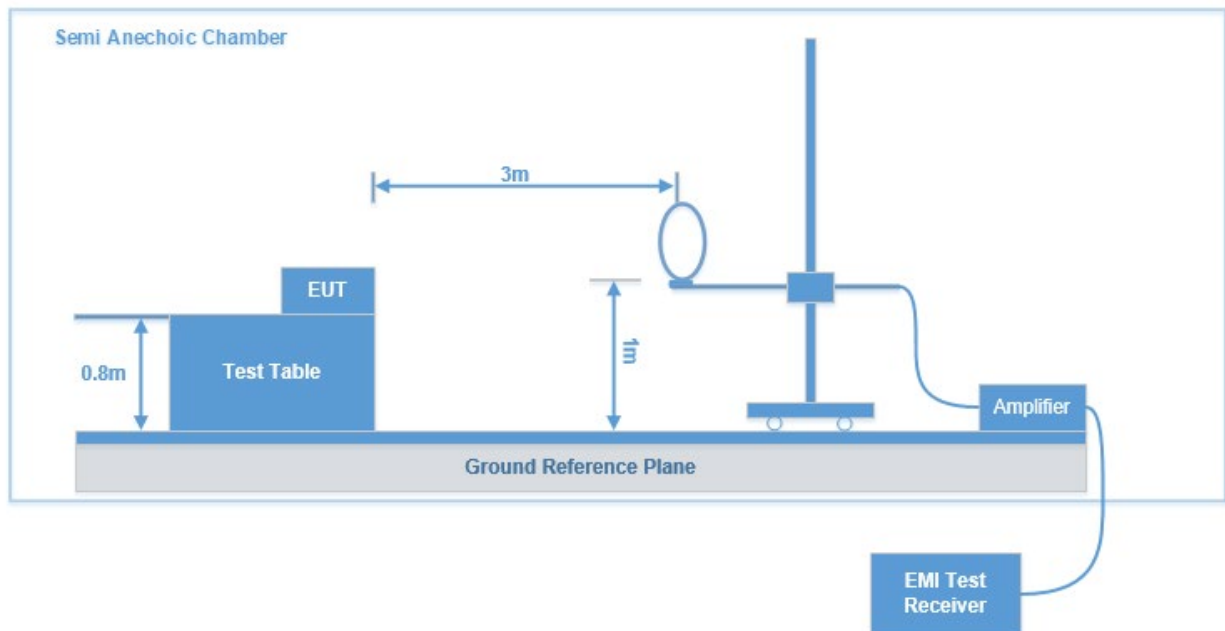
§15.215(c) - 20dB EMISSION BANDWIDTH TESTING

Requirement

Per 15.215 (c) Intentional radiators operating under the alternative provisions to the general emission limits, as contained in §§ 15.217 through 15.257 and in Subpart E of this part, must be designed to ensure that the 20 dB bandwidth of the emission, or whatever bandwidth may otherwise be specified in the specific rule section under which the equipment operates, is contained within the frequency band designated in the rule section under which the equipment is operated. The requirement to contain the designated bandwidth of the emission within the specified frequency band includes the effects from frequency sweeping, frequency hopping and other modulation techniques that may be employed as well as the frequency stability of the transmitter over expected variations in temperature and supply voltage. If a frequency stability is not specified in the regulations, it is recommended that the fundamental emission be kept within at least the central 80% of the permitted band in order to minimize the possibility of out-of-band operation.

Test Procedure

1. Measure the frequency difference of two frequencies that were attenuated 20 dB from the reference level. Record the frequency difference as the emission bandwidth.



Test Data: See Appendix

APPENDIX D - TEST DATA

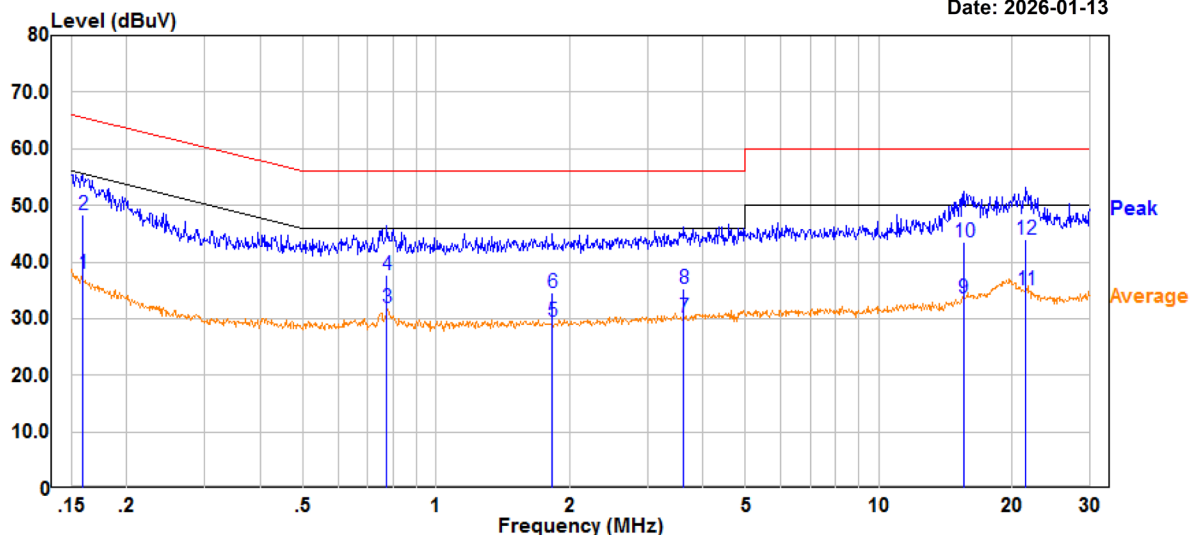
AC LINE CONDUCTED EMISSIONS

Environmental Conditions & Test Information

Test Date:	2026-01-13	2026-04-10
Temperature:	15.9 °C	21.4 °C
Relative Humidity:	31 %	69 %
ATM Pressure:	102.3 kPa	101.1 kPa
Test Result:	Pass	Pass
Test Engineer:	Jack He	Aiden Feng

EUT operation mode: Transmitting
Adapter: LM-202U-052200U01FCC
AC 120V/60 Hz, Line

Date: 2026-01-13

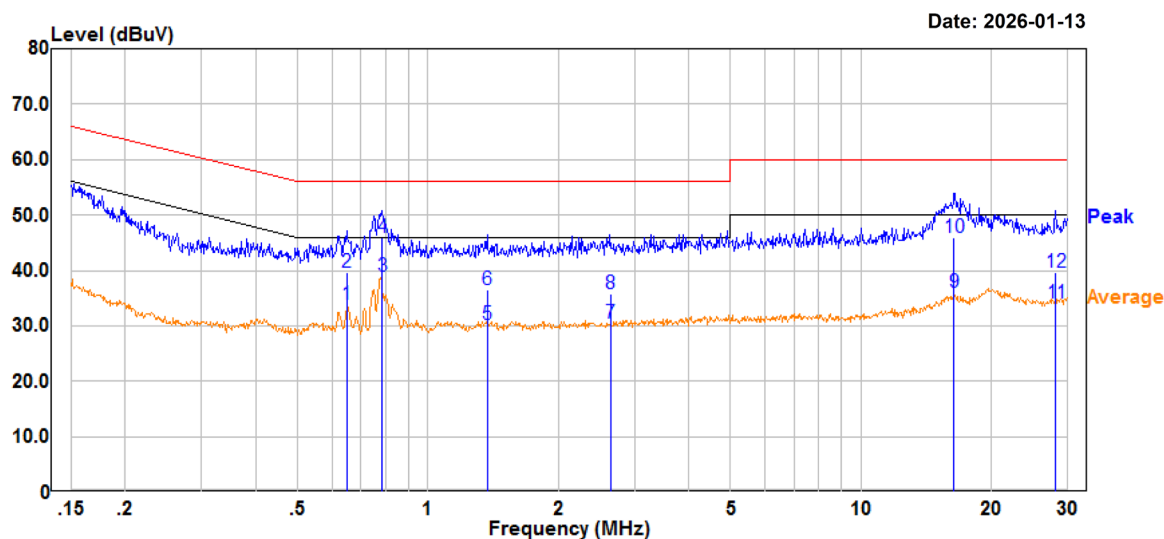


Trace: 1

Site : CE
Condition : limit\FCC PART 15.207\FCC 15.207 QP.csv Line
: DET:Peak
Project No. : RKSA260107001
Model : K1133
Phase : L
Voltage : 120V/60Hz
Mode : NFC
Test Equipment : ENV216, ESR3
Receiver Setting : RBW: 9 kHz, Sweep Time: Auto
Temperature : 15.9°C
Humidity : 31%
Atmospheric pressure: 102.3kPa
Test Engineer : Jack He

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	
1	0.159	17.50	20.42	37.92	55.50	-17.58	Average
2	0.159	27.90	20.42	48.32	65.50	-17.18	QP
3	0.773	11.70	20.23	31.93	46.00	-14.07	Average
4	0.773	17.50	20.23	37.73	56.00	-18.27	QP
5	1.831	9.10	20.28	29.38	46.00	-16.62	Average
6	1.831	14.20	20.28	34.48	56.00	-21.52	QP
7	3.625	10.01	20.20	30.21	46.00	-15.79	Average
8	3.625	15.01	20.20	35.21	56.00	-20.79	QP
9	15.538	13.41	20.29	33.70	50.00	-16.30	Average
10	15.538	23.21	20.29	43.50	60.00	-16.50	QP
11	21.483	14.60	20.55	35.15	50.00	-14.85	Average
12	21.483	23.40	20.55	43.95	60.00	-16.05	QP

AC 120V/60 Hz, Neutral



Trace: 1

Site : CE
 Condition : limit\FCC PART 15.207\FCC 15.207 QP.csv Neutral
 : DET:Peak
 Project No. : RKSA260107001
 Model : K1133
 Phase : N
 Voltage : 120V/60Hz
 Mode : NFC
 Test Equipment : ENV216,ESR3
 Receiver Setting : RBW: 9 kHz,Sweep Time: Auto
 Temperature : 15.9°C
 Humidity : 31%
 Atmospheric pressure: 102.3kPa
 Test Engineer : Jack He

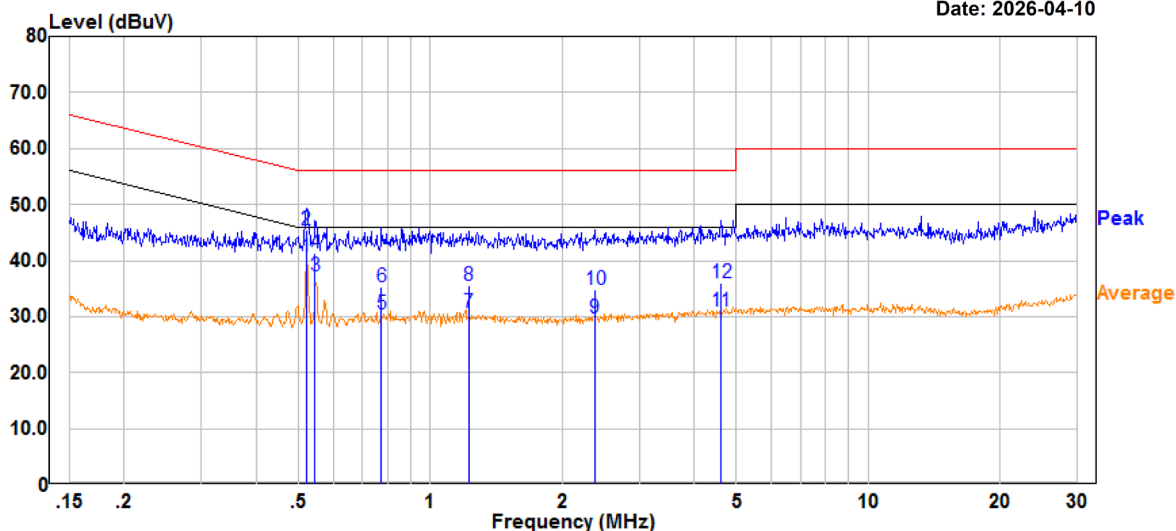
	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	
1	0.649	13.70	20.23	33.93	46.00	-12.07	Average
2	0.649	19.30	20.23	39.53	56.00	-16.47	QP
3	0.785	18.80	20.22	39.02	46.00	-6.98	Average
4	0.785	25.80	20.22	46.02	56.00	-9.98	QP
5	1.372	10.10	20.22	30.32	46.00	-15.68	Average
6	1.372	16.20	20.22	36.42	56.00	-19.58	QP
7	2.635	10.09	20.26	30.35	46.00	-15.65	Average
8	2.635	15.59	20.26	35.85	56.00	-20.15	QP
9	16.413	15.59	20.35	35.94	50.00	-14.06	Average
10	16.413	25.69	20.35	46.04	60.00	-13.96	QP
11	28.118	13.50	20.69	34.19	50.00	-15.81	Average
12	28.118	19.00	20.69	39.69	60.00	-20.31	QP

EUT operation mode: Transmitting

Adapter: PS10UA050K2000UU

AC 120V/60 Hz, Line

Date: 2026-04-10



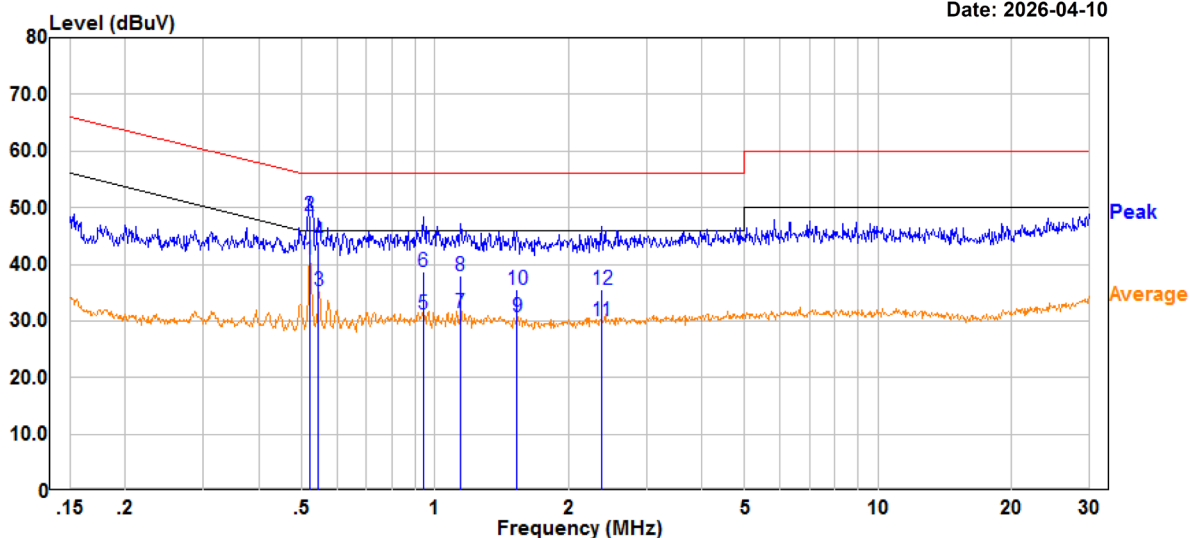
Trace: 1

Site : CE
Condition : limit\FCC PART 15.207\FCC 15.207 QP.csv Line
: DET:Peak
Project No. : RKSA260107001
Model : K1133
Phase : L
Voltage : 120V/60Hz
Mode : NFC
Test Equipment : ENV216, ESR3
Receiver Setting : RBW: 9 kHz, Sweep Time: Auto
Temperature : 21.4°C
Humidity : 69%
Atmospheric pressure: 101.1kPa
Test Engineer : Aiden Feng
Check by : Bard Liu

	Read			Limit	Over	
	Freq	Level	Factor	Level	Line	Limit Remark
	MHz	dBuV	dB	dBuV	dBuV	dB
1	0.522	20.41	20.15	40.56	46.00	-5.44 Average
2	0.522	25.21	20.15	45.36	56.00	-10.64 QP
3	0.545	17.09	20.18	37.27	46.00	-8.73 Average
4	0.545	21.19	20.18	41.37	56.00	-14.63 QP
5	0.773	10.10	20.25	30.35	46.00	-15.65 Average
6	0.773	15.00	20.25	35.25	56.00	-20.75 QP
7	1.223	10.40	20.21	30.61	46.00	-15.39 Average
8	1.223	15.30	20.21	35.51	56.00	-20.49 QP
9	2.373	9.50	20.26	29.76	46.00	-16.24 Average
10	2.373	14.60	20.26	34.86	56.00	-21.14 QP
11	4.605	10.81	20.14	30.95	46.00	-15.05 Average
12	4.605	15.81	20.14	35.95	56.00	-20.05 QP

AC 120V/60 Hz, Neutral

Date: 2026-04-10



Trace: 1

Site : CE
Condition : limit\FCC PART 15.207\FCC 15.207 QP.csv Neutral
: DET:Peak
Project No. : RKSA260107001
Model : K1133
Phase : N
Voltage : 120V/60Hz
Mode : NFC
Test Equipment : ENV216,ESR3
Receiver Setting : RBW: 9 kHz,Sweep Time: Auto
Temperature : 21.4℃
Humidity : 69%
Atmospheric pressure: 101.1kPa
Test Engineer : Aiden Feng
Check by : Bard Liu

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	
1	0.522	20.60	20.18	40.78	46.00	-5.22	Average
2	0.522	28.30	20.18	48.48	56.00	-7.52	QP
3	0.545	15.20	20.19	35.39	46.00	-10.61	Average
4	0.545	23.70	20.19	43.89	56.00	-12.11	QP
5	0.939	11.00	20.21	31.21	46.00	-14.79	Average
6	0.939	18.50	20.21	38.71	56.00	-17.29	QP
7	1.141	11.10	20.21	31.31	46.00	-14.69	Average
8	1.141	17.80	20.21	38.01	56.00	-17.99	QP
9	1.530	10.50	20.23	30.73	46.00	-15.27	Average
10	1.530	15.30	20.23	35.53	56.00	-20.47	QP
11	2.373	9.80	20.25	30.05	46.00	-15.95	Average
12	2.373	15.30	20.25	35.55	56.00	-20.45	QP

RADIATED EMISSIONS TEST

Environmental Conditions & Test Information

Test Date:	2026-01-15	2026-04-11	2026-04-28
Temperature:	16.3 °C	22.2 °C	19.5 °C
Relative Humidity:	45 %	61 %	47 %
ATM Pressure:	101.8 kPa	101.1 kPa	101.8 kPa
Test Engineer:	Scarf Yang	Scarf Yang	Scarf Yang

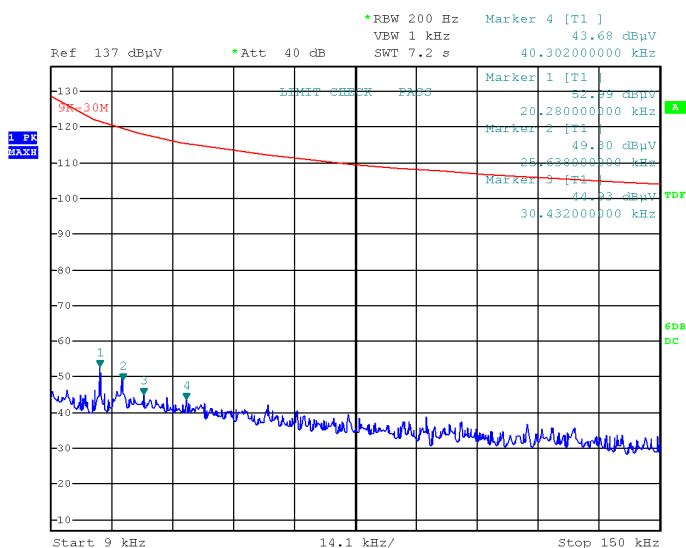
Test mode: Transmitting

Adapter: LM-202U-052200U01FCC

After pre-scan in the X, Y and Z axes of orientation, the worst case is X axis, X axis as below:

For Ground-parallel

1) 9 kHz~150 kHz:



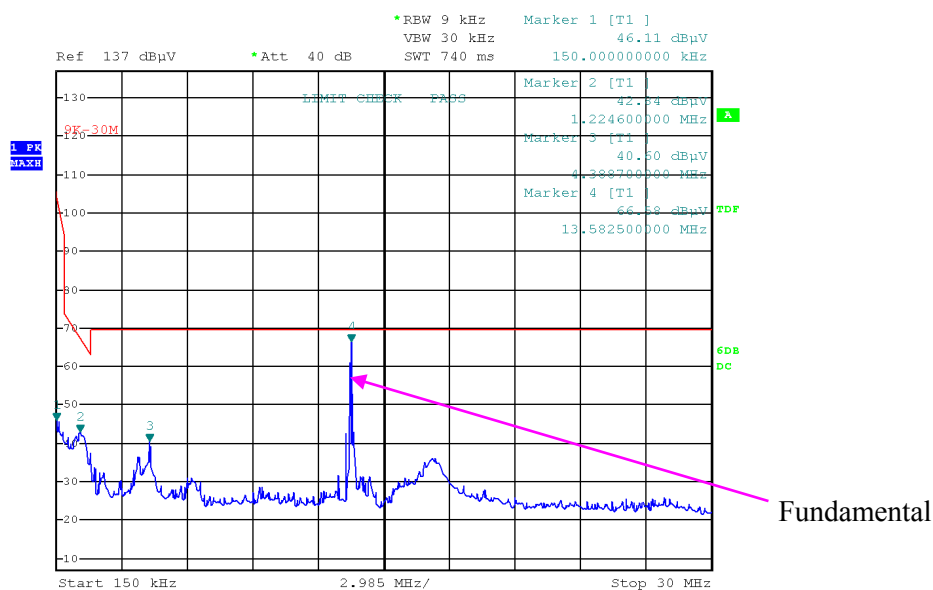
Project No. RKSA260107001

Tester: Scarf Yang

Date: 15.JAN.2026 19:57:03

Frequency (kHz)	Corrected Amplitude (dBμV/m)@3m	Detector PK/QP/Ave.	Corrected Factor (dB/m)	Limit (dBμV/m)@3m	Margin (dB)
40.30	43.68	PK	-2.26	55.5	11.82
20.28	52.99	PK	-0.56	61.46	8.47
25.64	49.30	PK	-0.59	59.43	10.13
30.43	44.93	PK	-0.68	57.94	13.01

2) 150 kHz~30 MHz:



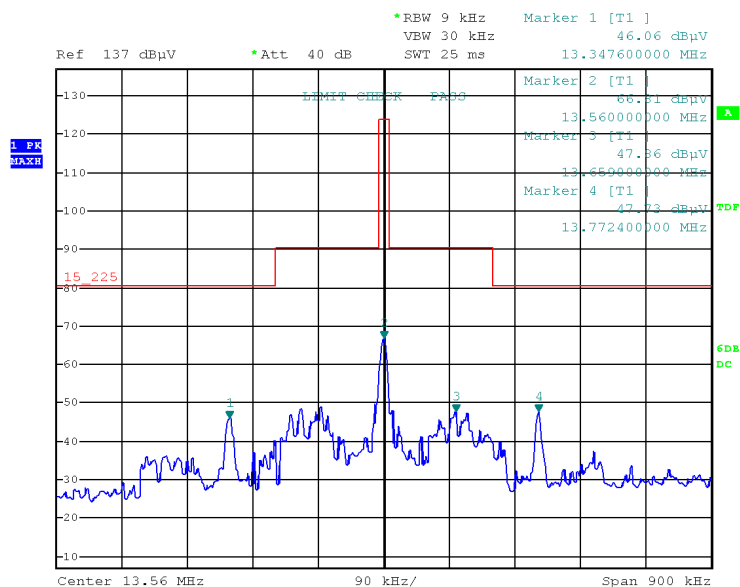
Project No.RKSA260107001

Tester:Scarf Yang

Date: 15.JAN.2026 20:09:44

Frequency (MHz)	Corrected Amplitude (dBμV/m)@3m	Detector PK/QP/Ave.	Corrected Factor (dB/m)	Limit (dBμV/m)@3m	Margin (dB)
0.15	46.11	PK	-11.34	104.08	57.97
1.22	42.84	PK	-28.34	65.88	23.04
4.39	40.60	PK	-31.97	69.54	28.94

3) 13.11 MHz~14.01 MHz:



Project No.RKSA260107001

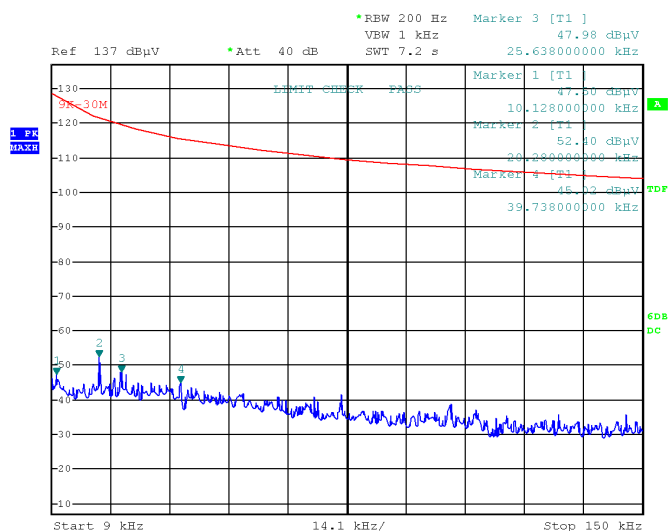
Tester:Scarfe Yang

Date: 15.JAN.2026 20:22:19

Frequency (MHz)	Corrected Amplitude (dBμV/m)@3m	Detector PK/QP/Ave.	Corrected Factor (dB/m)	Limit (dBμV/m)@3m	Margin (dB)
13.35	46.06	PK	-33.08	80.51	34.45
13.56	66.81	PK	-33.09	124	57.19
13.66	47.86	PK	-33.09	90.47	42.61
13.77	47.73	PK	-33.1	80.51	32.78

For Parallel

1) 9 kHz~150 kHz:



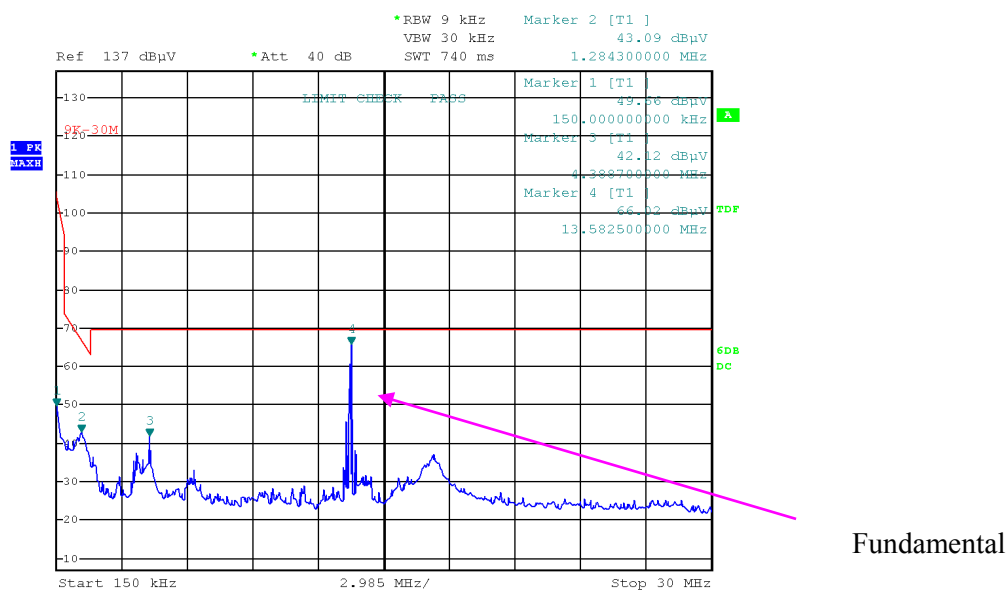
Project No. RKSA260107001

Tester: Scarf Yang

Date: 15.JAN.2026 20:02:05

Frequency (kHz)	Corrected Amplitude (dBμV/m)@3m	Detector PK/QP/Ave.	Corrected Factor (dB/m)	Limit (dBμV/m)@3m	Margin (dB)
20.28	52.40	PK	-0.56	61.46	9.06
10.13	47.50	PK	-0.51	67.49	19.99
25.64	47.98	PK	-0.59	59.43	11.45
39.74	45.02	PK	-2.17	55.62	10.60

2) 150 kHz~30 MHz:



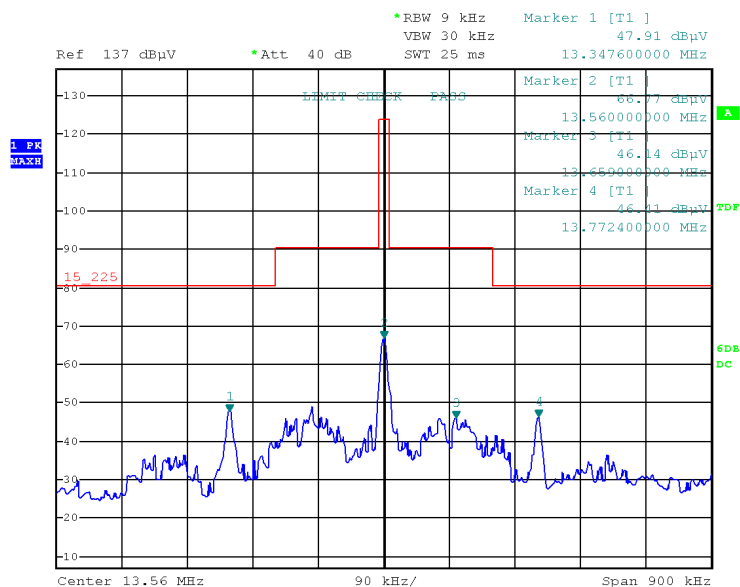
Project No.RKSA260107001

Tester:Scarf Yang

Date: 15.JAN.2026 20:14:51

Frequency (MHz)	Corrected Amplitude (dBμV/m)@3m	Detector PK/QP/Ave.	Corrected Factor (dB/m)	Limit (dBμV/m)@3m	Margin (dB)
0.15	49.66	PK	-11.34	104.08	54.42
1.28	43.09	PK	-28.53	65.46	22.37
4.39	42.12	PK	-31.97	69.54	27.42

3) 13.11 MHz~14.01 MHz:



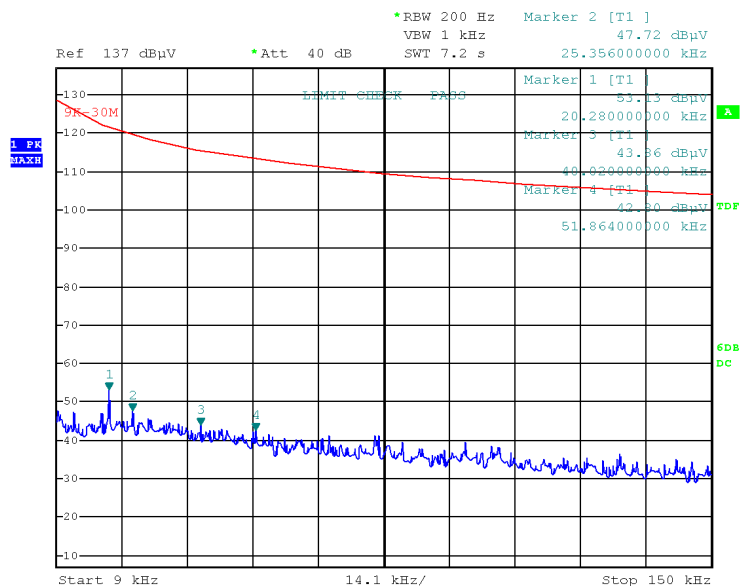
Project No. RKSA260107001

Tester: Scarf Yang

Date: 15.JAN.2026 20:26:40

Frequency (MHz)	Corrected Amplitude (dBμV/m)@3m	Detector PK/QP/Ave.	Corrected Factor (dB/m)	Limit (dBμV/m)@3m	Margin (dB)
13.35	47.91	PK	-33.08	80.51	32.6
13.56	66.77	PK	-33.09	124	57.23
13.66	46.14	PK	-33.09	90.47	44.33
13.77	46.41	PK	-33.1	80.51	34.1

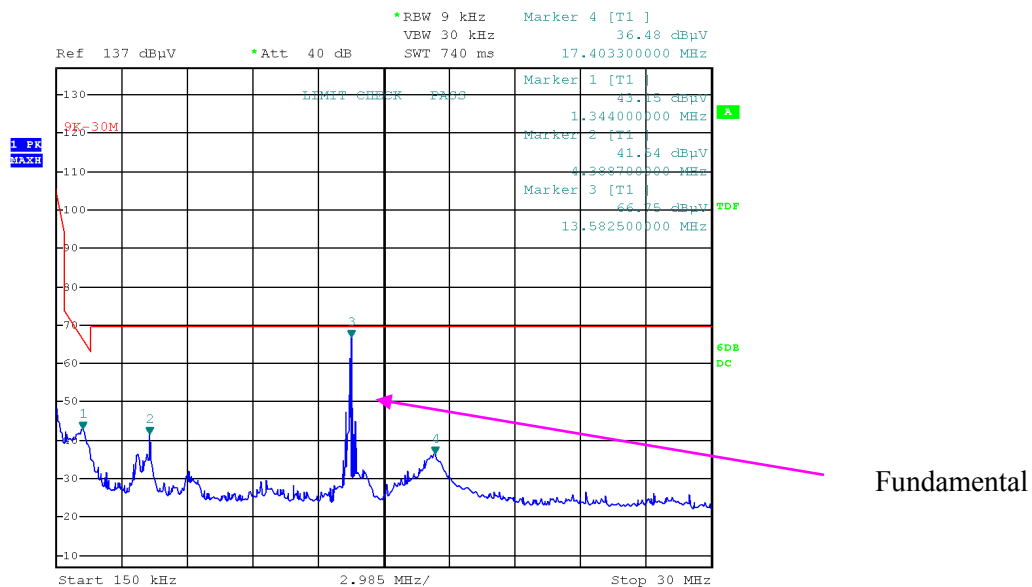
For Perpendicular
1) 9 kHz~150 kHz:



Tester: Scarf Yang

Frequency (kHz)	Corrected Amplitude (dBμV/m)@3m	Detector PK/QP/Ave.	Corrected Factor (dB/m)	Limit (dBμV/m) @3m	Margin (dB)
20.28	53.13	PK	-0.56	61.46	8.33
25.36	47.72	PK	-0.59	59.52	11.80
40.02	43.86	PK	-2.21	55.56	11.70
51.86	42.80	PK	-4.03	53.31	10.51

2) 150 kHz~30 MHz:



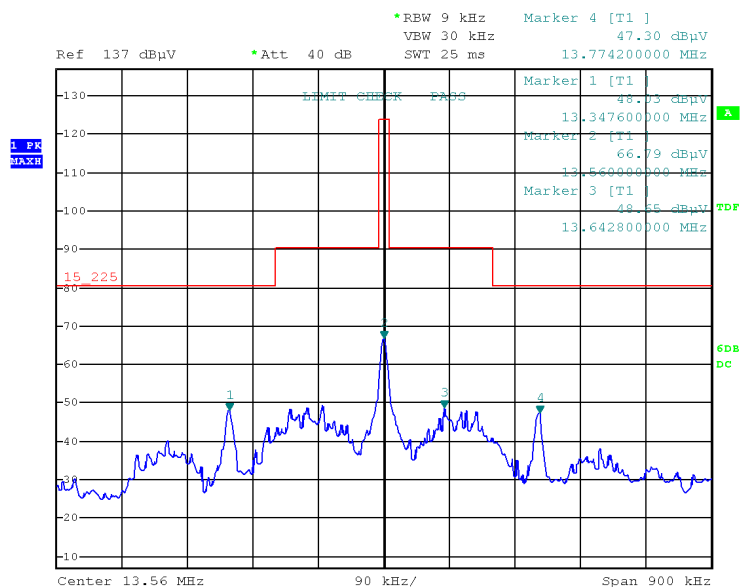
Project No.RKSA260107001

Tester:Scarf Yang

Date: 15.JAN.2026 20:19:21

Frequency (MHz)	Corrected Amplitude (dBμV/m)@3m	Detector PK/QP/Ave.	Corrected Factor (dB/m)	Limit (dBμV/m)@3m	Margin (dB)
1.34	43.15	PK	-28.73	65.06	21.91
4.39	41.54	PK	-31.97	69.54	28.00
17.40	36.48	PK	-33.14	69.54	33.06

3) 13.11 MHz~14.01 MHz:



Project No. RKSA260107001

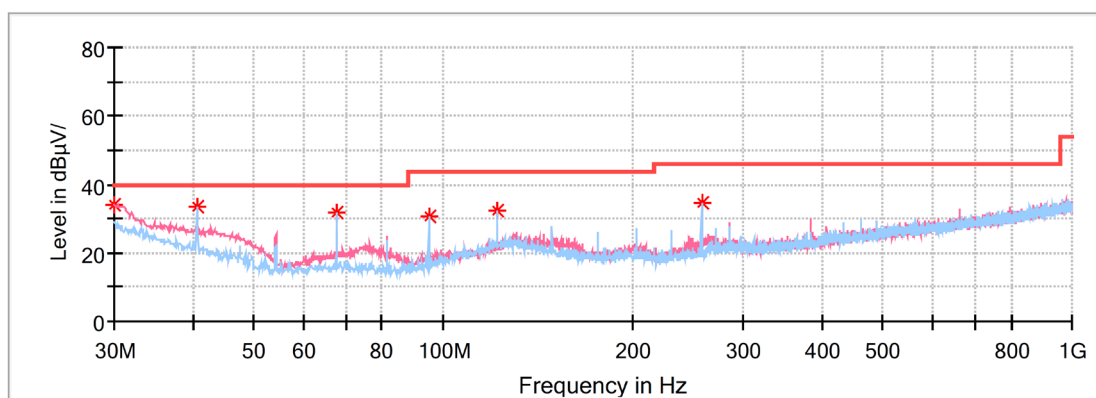
Tester: Scarf Yang

Date: 15.JAN.2026 20:32:31

Frequency (MHz)	Corrected Amplitude (dBμV/m)@3m	Detector PK/QP/Ave.	Corrected Factor (dB/m)	Limit (dBμV/m)@3m	Margin (dB)
13.35	48.03	PK	-33.08	80.51	32.48
13.56	66.79	PK	-33.09	124	57.21
13.64	48.65	PK	-33.09	90.47	41.82
13.77	47.3	PK	-33.1	80.51	33.21

30 MHz - 1 GHz:**Common Information**

Project No: RKSA260107001
EUT Model: K1133
Test Mode: Transmitting
Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.225
Test Equipment: ESCI, JB3, 310N
Receiver Setting: RBW: 100 kHz, VBW: 300 kHz, Sweep Time: Auto
Temperature: 16.3°C
Humidity: 45%
Barometric Pressure: 101.8 kPa
Test Engineer: Scarf Yang
Check Engineer: Jason Lu
Test Date: 2026/1/15

**Critical Freqs**

Frequency (MHz)	MaxPeak (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
30.000000	33.92	40.00	6.08	V	-4.7
40.670000	33.54	40.00	6.46	H	-11.7
67.830000	31.72	40.00	8.28	H	-16.7
94.868750	30.70	43.50	12.80	H	-15.6
122.028750	32.50	43.50	11.00	H	-10.9
257.586250	34.50	46.00	11.50	H	-12.1

Test mode: Transmitting

Adapter: PS10UA050K2000UU

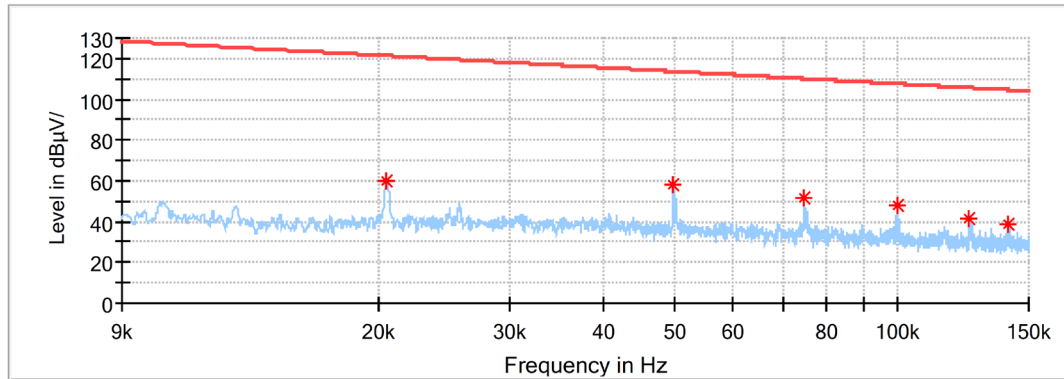
After pre-scan in the X, Y and Z axes of orientation, the worst case is X axis, X axis as below:

For Ground-parallel

1) 9 kHz~150 kHz:

Common Information

Project No:	RKSA260107001
EUT Model:	K1133
Test Mode:	Transmitting
Standard:	FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.225
Test Equipment:	ESCI,1313-1A, 310N
Receiver Setting:	RBW:200 Hz, VBW:1 kHz, Sweep Time: Auto
Temperature:	22.2℃
Humidity:	61%
Barometric Pressure:	101.1kPa
Test Engineer:	Scarf Yang
Check by:	Jason Lu
Test Date:	2026/4/11



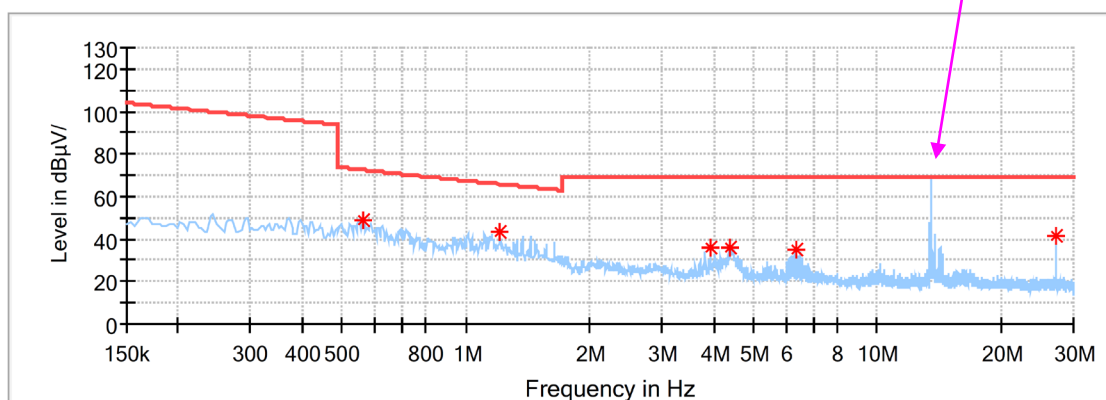
Critical_Freqs

Frequency (MHz)	MaxPeak (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
0.020439	60.18	121.39	61.21	Ground-parallel	-0.1
0.049767	58.47	113.66	55.19	Ground-parallel	-3.2
0.074653	51.40	110.14	58.74	Ground-parallel	-6.2
0.099734	47.83	107.64	59.81	Ground-parallel	-8.5
0.124867	41.04	105.67	64.64	Ground-parallel	-9.6
0.140817	38.76	104.63	65.87	Ground-parallel	-10.2

2) 150 kHz~30 MHz:

Common Information

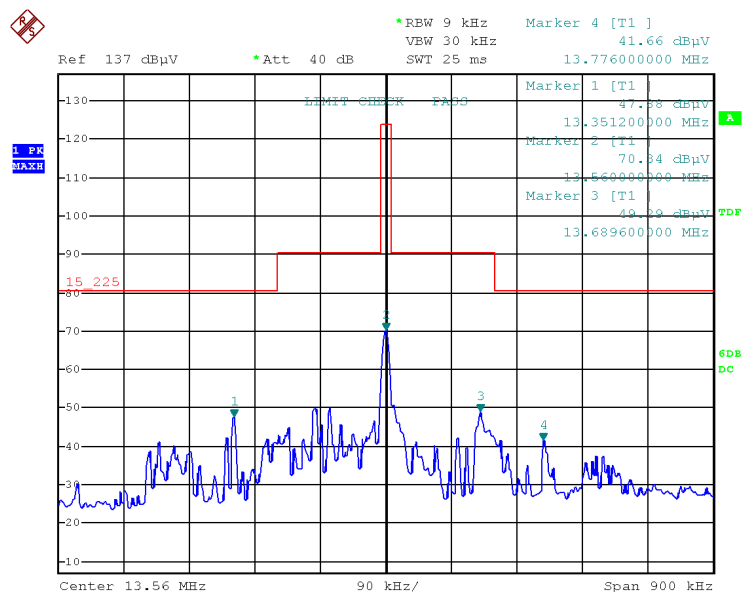
Project No: RKSA260107001
EUT Model: K1133
Test Mode: Transmitting
Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.225
Test Equipment: ESCI,1313-1A, 310N
Receiver Setting: RBW:9 kHz, VBW:30 kHz, Sweep Time: Auto
Temperature: 22.2°C
Humidity: 61%
Barometric Pressure: 101.1kPa
Test Engineer: Scarf Yang
Check by: Jason Lu
Test Date: 2026/4/11



Critical Freqs

Frequency (MHz)	MaxPeak (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
0.560438	48.69	72.55	23.86	Ground-parallel	-22.5
1.209675	43.16	65.78	22.62	Ground-parallel	-27.8
3.914831	36.34	69.54	33.20	Ground-parallel	-31.3
4.388700	35.53	69.54	34.01	Ground-parallel	-31.3
6.325219	34.68	69.54	34.86	Ground-parallel	-31.6
27.119475	41.57	69.54	27.97	Ground-parallel	-32.8

3) 13.11 MHz~14.01 MHz:



Project No. RKSA260107001

Tester: Scarf Yang

Date: 28.APR.2026 09:32:26

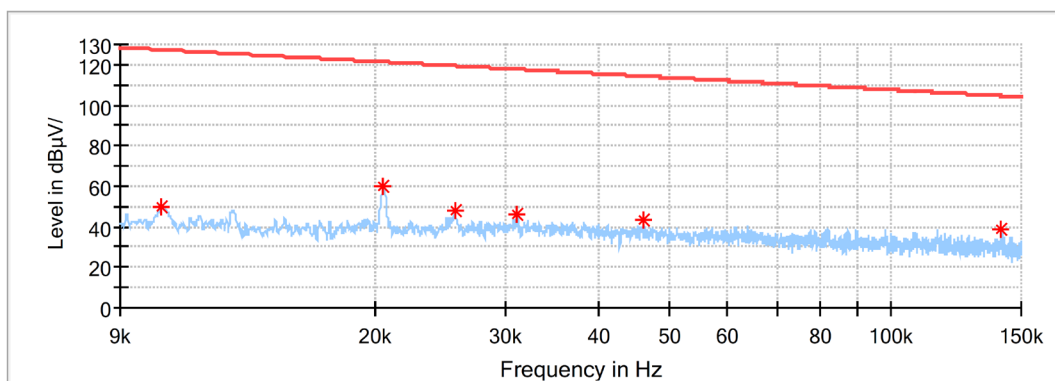
Frequency (MHz)	Corrected Amplitude (dBμV/m)@3m	Detector PK/QP/Ave.	Corrected Factor (dB/m)	Limit (dBμV/m)@3m	Margin (dB)
13.35	47.88	PK	-33.08	80.51	32.63
13.56	70.34	PK	-33.09	124	53.66
13.69	49.29	PK	-33.09	90.47	41.18
13.78	41.66	PK	-33.1	80.51	38.85

For Parallel

1) 9 kHz~150 kHz:

Common Information

Project No: RKSA260107001
EUT Model: K1133
Test Mode: Transmitting
Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.225
Test Equipment: ESCI, 1313-1A, 310N
Receiver Setting: RBW:200 Hz, VBW:1 kHz, Sweep Time: Auto
Temperature: 22.2°C
Humidity: 61%
Barometric Pressure: 101.1kPa
Test Engineer: Scarf Yang
Check by: Jason Lu
Test Date: 2026/4/11

**Critical Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
0.010216	49.73	127.40	77.66	Parallel	-0.2
0.020474	60.05	121.37	61.32	Parallel	-0.1
0.025585	48.01	119.44	71.42	Parallel	-0.1
0.031102	46.36	117.75	71.39	Parallel	-0.2
0.046065	43.20	114.33	71.13	Parallel	-2.6
0.140800	38.51	104.63	66.12	Parallel	-10.2