

EMC TEST REPORT

Applicant Positec Technology (China) Co., Ltd.

FCC ID 2ASC3RBT202501

Product Robotic Lawnmower

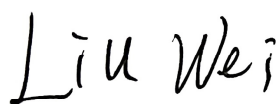
Brand KRESS

Model KR272; KR274; KR276

Report No. EFTA25060257-IE-04-E3V1

Issue Date March 5, 2026

Eurofins TA Technology (Shanghai) Co., Ltd. tested the above equipment in accordance with the requirements in **FCC Code CFR47 Part15B (2025)/ ANSI C63.4-2014**. The test results show that the equipment tested is capable of demonstrating compliance with the requirements as documented in this report.



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Table of Contents

1	Test Laboratory	5
1.1	Notes of the Test Report.....	5
1.2	Test Facility	5
1.3	Testing Location.....	5
2	General Description of Equipment Under Test	6
2.1	Applicant and Manufacturer Information	6
2.2	General Information	6
2.3	Applied Standards	8
2.4	Test Mode	9
3	Test Case Results	10
3.1	Radiated Emission	10
3.2	Conducted Emission	22
4	Uncertainty Measurement.....	29
5	Main Test Instruments	30
6	The EUT Appearance.....	31
7	Test Setup Photos	32
8	Product Change Description	33

Version	Revision Description	Issue Date
Rev.0	Initial issue of report.	March 4, 2026
Rev.1	Updated information.	March 5, 2026
Note: This revised report (Report No.: EFTA25060257-IE-04-E3V1) supersedes and replaces the previously issued report (Report No.: EFTA25060257-IE-04-E3). Please discard or destroy the previously issued report and dispose of it accordingly.		

Summary of measurement results

Number	Test Case	Clause in FCC Rules	Conclusion
1	Radiated Emission	FCC Part15.109, ANSI C63.4-2014	PASS
2	Conducted Emission	FCC Part15.107, ANSI C63.4-2014	PASS
Date of Testing: January 10, 2026 ~ January 12, 2026 and February 24, 2026 ~ February 25, 2026			
Date of Sample Received: December 31, 2025			
Note:			
1. All indications of Pass/Fail in this report are opinions expressed by Eurofins TA Technology (Shanghai) Co., Ltd. based on interpretations and/or observations of test results. Measurement Uncertainties were not taken into account and are published for informational purposes only.			

KR272; KR274; KR276 (Report No.: EFTA25060257-IE-04-E3V1) is a variant model of WR340 (Report No.: EFTA25060257-IE-04-E1).

The differences are show in the below table:

Description		Structural appearance	Button	Operation control board	Adapter	Battery
WR340	Configuration1	Appearance 1	Touch buttons	PLB100.1.11	WA3805	WA3675
KR272	Configuration2	Appearance 2	Film coated buttons	PLB101.2.10	KA3733	KA3006
KR274	Configuration2				KA3725	KA3006
KR276	Configuration2				KA3727	KA3010

Considering to the difference, after technical assessment, this product only tested Radiated Emission and Conducted Emission based on the worst case of the original report.

The detailed product change description please refers to the *Difference Declaration Letter*.

1 Test Laboratory

1.1 Notes of the Test Report

This report shall not be reproduced in full or partial, without the written approval of **Eurofins TA Technology (Shanghai) Co., Ltd.** The results documented in this report apply only to the tested sample, under the conditions and modes of operation as described herein. Measurement Uncertainties were not taken into account and are published for informational purposes only. This report is written to support regulatory compliance of the applicable standards stated above.

1.2 Test Facility

FCC (Designation number: CN1179, Test Firm Registration Number: 446626)

Eurofins TA Technology (Shanghai) Co., Ltd. has been listed on the US Federal Communications Commission list of test facilities recognized to perform measurements.

A2LA (Certificate Number: 3857.01)

Eurofins TA Technology (Shanghai) Co., Ltd. has been listed by American Association for Laboratory Accreditation to perform measurement.

1.3 Testing Location

Company: Eurofins TA Technology (Shanghai) Co., Ltd.
Address: Building 3, No.145, Jintang Rd, Pudong Shanghai, P.R.China
City: Shanghai
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2 General Description of Equipment Under Test

2.1 Applicant and Manufacturer Information

Applicant	Positec Technology (China) Co., Ltd.
Applicant address	18, Dongwang Road, Suzhou Industrial Park, Jiangsu 215123, P.R.China
Manufacturer	Positec Technology (China) Co., Ltd.
Manufacturer address	18, Dongwang Road, Suzhou Industrial Park, Jiangsu 215123, P.R.China

2.2 General Information

EUT Description			
Device Type	Movable Device		
Model	KR272; KR274; KR276		
SN	20251115561000014216		
HW Version	PLB101.2.10		
SW Version	3.44B54		
Power Rating	DC 18.5V		
Connecting I/O Port(s)	Please refer to the User's Manual.		
Antenna Type	PCB Antenna		
Frequency	Band	Tx (MHz)	Rx (MHz)
	Bluetooth LE	2400 ~ 2483.5	2400 ~ 2483.5
	NearLink SLE	2400 ~ 2483.5	2400 ~ 2483.5
	Wi-Fi 2.4GHz	2400 ~ 2483.5	2400 ~ 2483.5
EUT Accessory			
Adapter 1	Manufacturer: Positec Technology (China) Co., Ltd. Model: KA3733 Input: 120V, 90W Output: 20V, 3A		
Adapter 2	Manufacturer: Positec Technology (China) Co., Ltd. Model: KA3725 Input: 120V, 190W Output: 28V, 5A		
Adapter 3	Manufacturer: Positec Technology (China) Co., Ltd. Model: KA3727 Input: 120V		

	Output: 28V, 7A
Battery 1	Manufacturer: Positec Technology (China) Co., Ltd. Model: KA3006 DC 20V, 6Ah
Battery 2	Manufacturer: Positec Technology (China) Co., Ltd. Model: KA3010 DC 20V, 10Ah
Note: 1. The EUT is sent from the applicant to Eurofins TA and the information of the EUT is declared by the applicant.	

2.3 Applied Standards

According to the specifications of the manufacturer, it must comply with the requirements of the following standards:

Test standards

FCC Code CFR47 Part15B (2025)

ANSI C63.4-2014

2.4 Test Mode

Test Mode	
Mode 1	Adapter + EUT + Charging
Mode 2	Battery Powered + EUT + Working

Test Type	Test Mode	Worst Mode
Radiated Emission	Mode 1, 2	Mode 2
Conducted Emission	Mode 1	Mode 1
After technical evaluation or/and preliminary test, the test data of the worst-case condition was recorded in this report.		

3 Test Case Results

3.1 Radiated Emission

Ambient Condition

Temperature	Relative humidity
15°C ~ 35°C	30% ~ 60%

Methods of Measurement

The EUT was placed on the ground plane which has a 15cm non-conductive covering to insulate the EUT from the ground plane. The distance between EUT and receive antenna should be 3 meters. During the test, the EUT was operating in its typical mode. The test method is according to ANSI C63.4-2014. Sweep the whole frequency band through the range from 30MHz to the 5th harmonic of the carrier. During the test, the height of receive antenna shall be moved from 1 to 4 meters, and the antenna shall be performed under horizontal and vertical polarization. The turn table shall be rotated from 0 to 360 degrees for detecting the maximum of radiated signal level.

The data of cable loss and antenna factor has been calibrated in full testing frequency range before the testing. During the test, the EUT is worked at maximum output power.

Set the spectrum analyzer in the following:

Below 1GHz:

RBW=100 kHz / VBW=300 kHz / Sweep=AUTO

Above 1GHz:

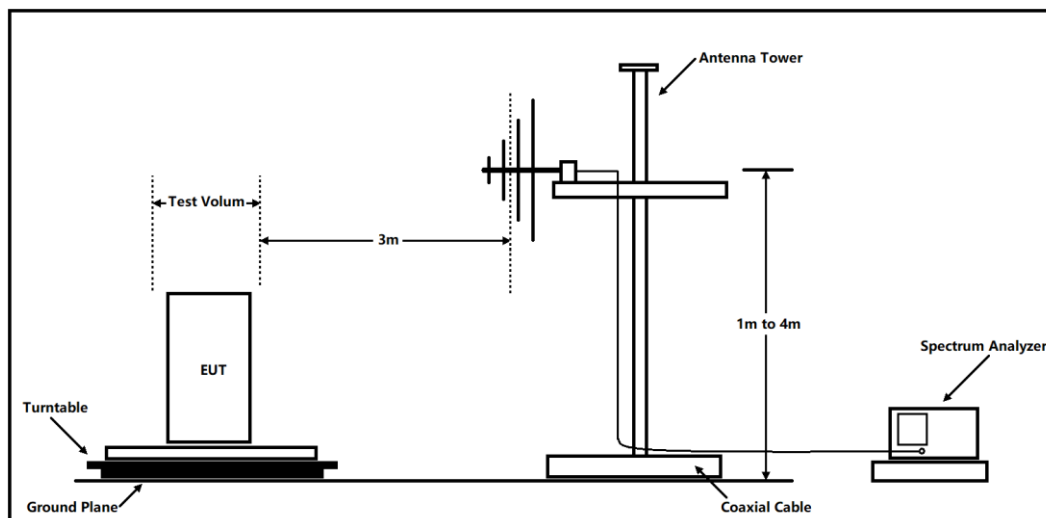
(a) PEAK Detector: RBW=1MHz / VBW=3MHz/ Sweep=AUTO

(b) AVERAGE Detector: RBW=1MHz / VBW=3MHz / Sweep=AUTO

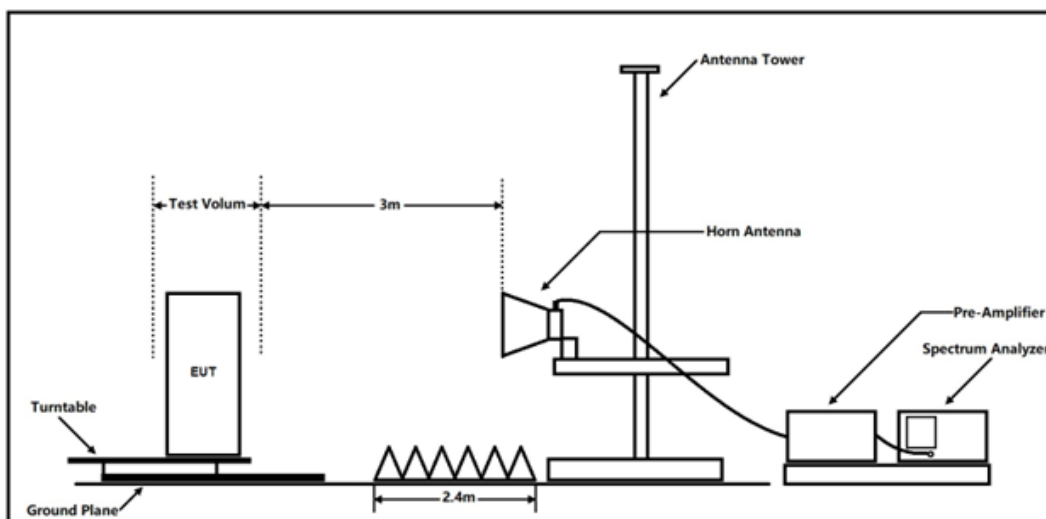
The radiated emission was measured in the following position: EUT stand-up position (Z axis), lie-down position (X, Y axis). The worst emission was found in lie-down position (X axis) and the worst case was recorded.

Test Setup

Below 1GHz



Above 1GHz



Note: Area side: 2.4mX3.6m

Antenna Tower meets ANSI C63.4 requirements for measurements above 1 GHz by keeping the antenna aimed at the EUT during the antenna's ascent/ descent along the antenna mast.

Limits

Class B

Frequency (MHz)	Field Strength (dB μ V/m)	Detector
30 -88	40.0	Quasi-peak
88-216	43.5	Quasi-peak
216 – 960	46.0	Quasi-peak
960-1000	54.0	Quasi-peak
1000-5 th harmonic of the highest frequency or 40GHz, which is lower	54 74	Average Peak

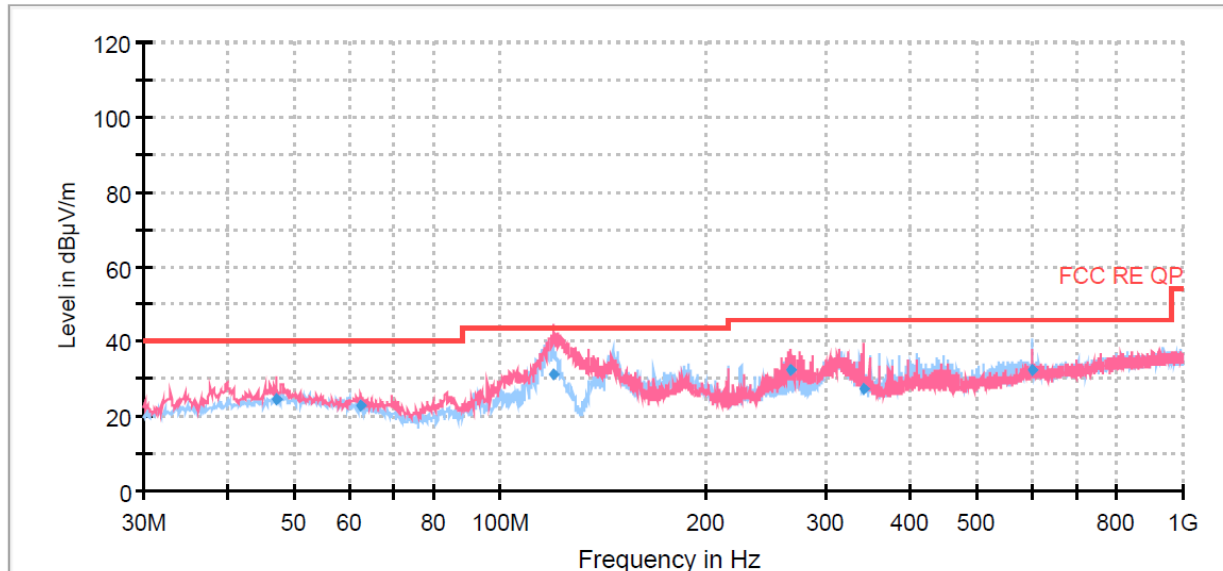
Frequency range of radiated measurements

Highest frequency generated or used in the device or on which the device operates or tunes (MHz)	Upper frequency of measurement range (MHz)
Below 1.705	30
1.705-108	1000
108-500	2000
500-1000	5000
Above 1000	5th harmonic of the highest frequency or 40 GHz, whichever is lower.

Test Results

Sweep the whole frequency band through the range from 30MHz to the 5th harmonic of the carrier. The following graphs display the maximum values of horizontal and vertical by software.

KR272



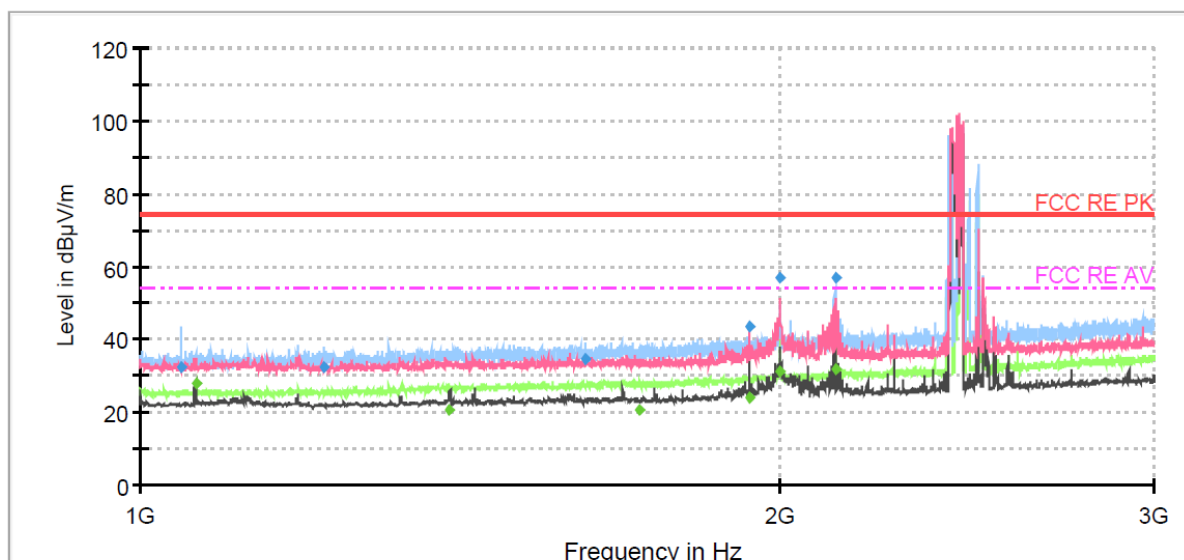
Radiated Emission from 30MHz to 1GHz

Final Result

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
46.98	24.84	40.00	15.16	1000.00	200.0	V	84.00	20
62.37	23.12	40.00	16.88	1000.00	101.0	V	308.00	18
119.85	31.39	43.50	12.11	1000.00	101.0	V	357.00	17
267.04	32.24	46.00	13.76	1000.00	100.0	V	0.00	20
340.89	27.11	46.00	18.89	1000.00	100.0	V	84.00	22
600.12	32.56	46.00	13.44	1000.00	100.0	H	294.00	27

Remark: 1. Correction Factor = Antenna factor + Insertion loss(cable loss + amplifier gain)

2. Margin = Limit – Quasi-Peak



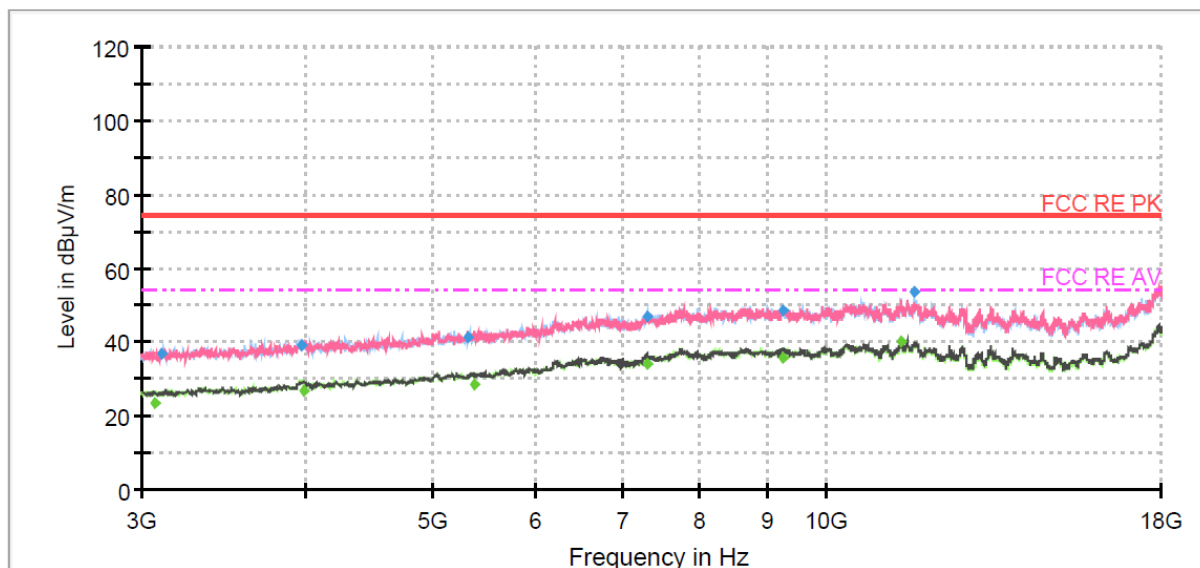
Radiated Emission from 1GHz to 3GHz

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1045.00	32.32	---	74.00	41.68	1000.00	200.0	H	0.00	-22
1062.00	---	27.81	54.00	26.19	1000.00	100.0	V	119.00	-22
1219.50	32.22	---	74.00	41.78	1000.00	200.0	H	0.00	-22
1396.75	---	20.54	54.00	33.46	1000.00	200.0	H	0.00	-21
1620.00	34.54	---	74.00	39.46	1000.00	200.0	H	0.00	-20
1718.50	---	20.76	54.00	33.24	1000.00	200.0	H	0.00	-20
1937.00	43.32	---	74.00	30.68	1000.00	100.0	V	66.00	-19
1937.00	---	24.16	54.00	29.84	1000.00	100.0	V	66.00	-19
1999.50	56.66	---	74.00	17.34	1000.00	200.0	V	91.00	-18
1999.50	---	31.52	54.00	22.48	1000.00	100.0	H	91.00	-18
2123.75	57.12	---	74.00	16.88	1000.00	100.0	H	339.00	-18
2124.75	---	31.68	54.00	22.32	1000.00	100.0	V	279.00	-18

Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit – MaxPeak / Average



Radiated Emission from 3GHz to 18GHz

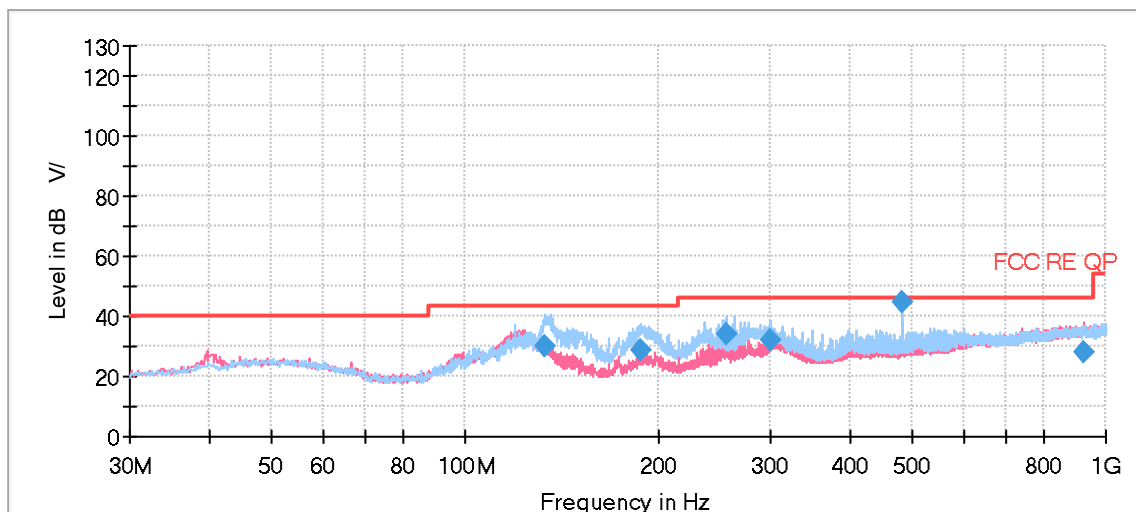
Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
3073.13	---	23.72	54.00	30.28	1000.00	200.0	H	265.00	-14
3103.13	36.95	---	74.00	37.05	1000.00	100.0	H	227.00	-14
3971.25	39.24	---	74.00	34.76	1000.00	100.0	H	88.00	-11
3982.50	---	26.68	54.00	27.32	1000.00	200.0	H	15.00	-11
5313.75	41.26	---	74.00	32.74	1000.00	200.0	V	126.00	-9
5383.13	---	28.67	54.00	25.33	1000.00	200.0	V	358.00	-8
7278.75	---	34.01	54.00	19.99	1000.00	100.0	V	6.00	-1
7278.75	47.12	---	74.00	26.88	1000.00	100.0	H	339.00	-1
9258.75	---	35.67	54.00	18.33	1000.00	200.0	H	204.00	2
9260.63	48.78	---	74.00	25.22	1000.00	100.0	H	273.00	2
11392.50	---	40.13	54.00	13.87	1000.00	100.0	V	64.00	5
11662.50	53.41	---	74.00	20.59	1000.00	200.0	H	348.00	6

Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)
 2. Margin = Limit – MaxPeak / Average

KR274

A symbol ($\text{dB } \mu\text{V/m}$) in the test plot below means (dB μ V/m)

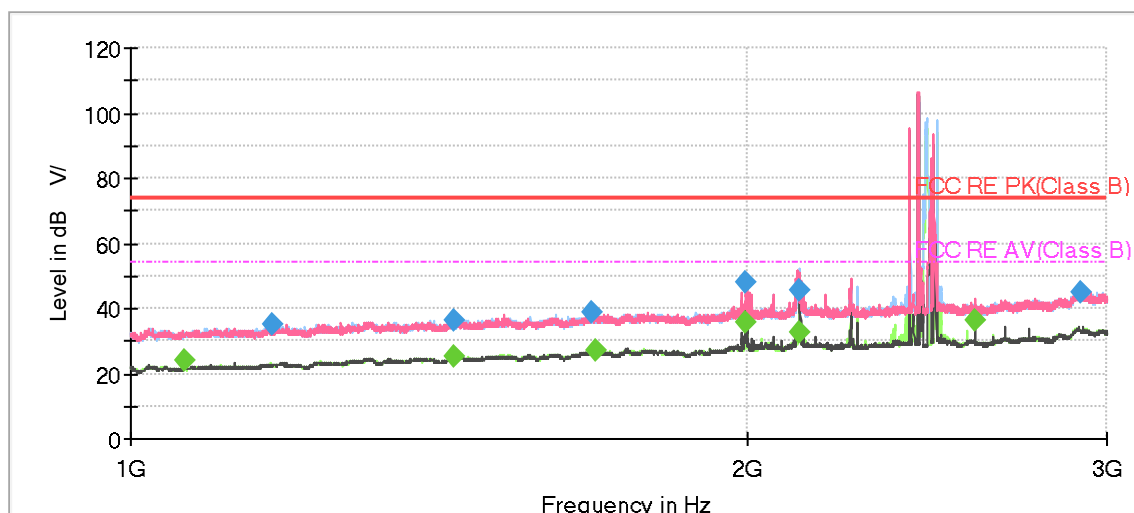


Radiated Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Height (m)	Polarization	Azimuth (deg)	Correct Factor (dB)
132.941250	30.18	43.50	13.32	225.0	H	54.0	15.9
188.231250	28.96	43.50	14.54	198.0	H	281.0	18.3
256.737500	33.99	46.00	12.01	125.0	H	320.0	20.4
300.266250	31.96	46.00	14.04	216.0	H	91.0	21.1
480.080000	44.92	46.00	1.08	101.0	H	28.0	24.8
922.885000	28.18	46.00	17.82	178.0	V	199.0	31.1

Remark: 1. Correction Factor = Antenna factor + Insertion loss(cable loss + amplifier gain)

2. Margin = Limit – Quasi-Peak

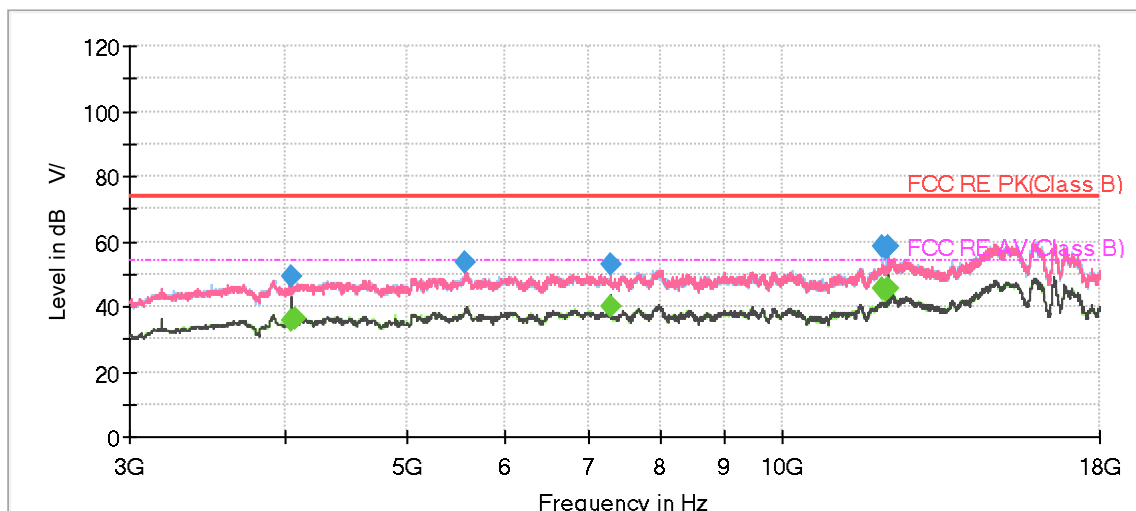


Radiated Emission from 1GHz to 3GHz

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1061.750000	---	23.69	54.00	30.31	500.0	103.0	V	92.0	-15.9
1172.000000	35.33	---	74.00	38.67	500.0	112.0	V	92.0	-14.3
1440.250000	---	25.22	54.00	28.78	500.0	107.0	H	277.0	-11.7
1440.250000	36.24	---	74.00	37.76	500.0	105.0	V	31.0	-11.7
1681.250000	39.02	---	74.00	34.98	500.0	108.0	H	104.0	-9.6
1687.750000	---	27.17	54.00	26.83	500.0	212.0	H	222.0	-9.6
1999.250000	---	35.95	54.00	18.05	500.0	208.0	H	44.0	-8.4
1999.750000	47.95	---	74.00	26.05	500.0	109.0	V	148.0	-8.4
2124.000000	45.33	---	74.00	28.67	500.0	113.0	H	155.0	-7.0
2124.000000	---	32.34	54.00	21.66	500.0	107.0	V	271.0	-7.0
2586.500000	---	36.26	54.00	17.74	500.0	215.0	V	40.0	-5.4
2915.000000	45.06	---	74.00	28.94	500.0	100.0	H	71.0	-1.7

Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit – MaxPeak / Average



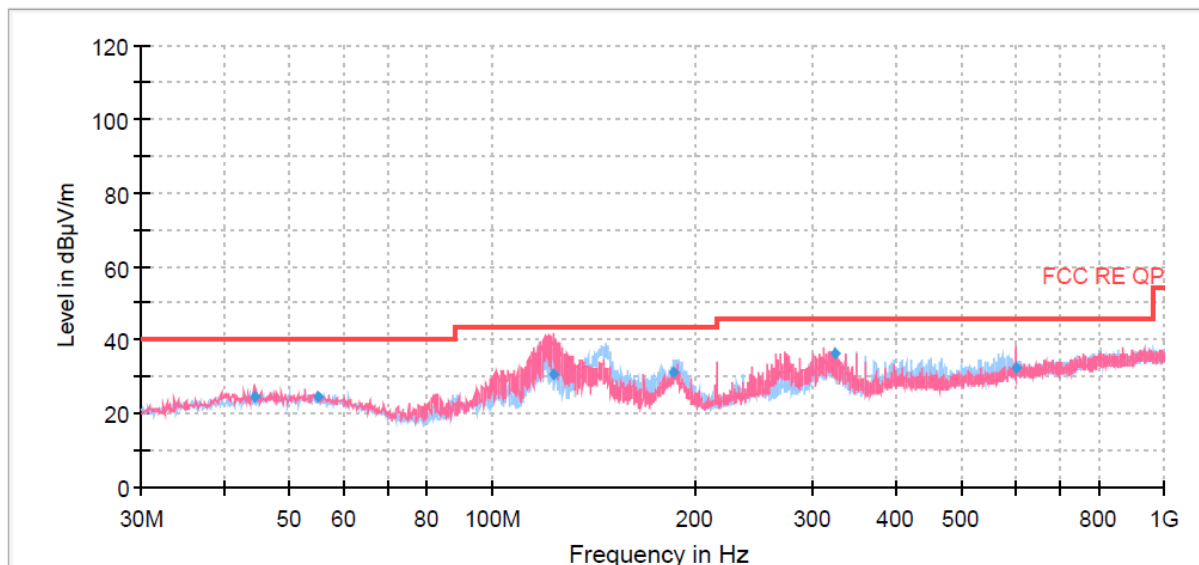
Radiated Emission from 3GHz to 18GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4042.500000	49.19	---	74.00	24.81	500.0	107.0	V	101.0	1.5
4042.500000	---	35.55	54.00	18.45	500.0	112.0	V	111.0	1.5
4080.000000	---	36.16	54.00	17.84	500.0	200.0	H	181.0	2.3
5581.875000	53.70	---	74.00	20.30	500.0	209.0	V	20.0	7.6
7295.625000	---	39.83	54.00	14.17	500.0	203.0	V	335.0	6.3
7295.625000	52.68	---	74.00	21.32	500.0	201.0	V	352.0	6.3
12060.000000	58.64	---	74.00	15.36	500.0	109.0	H	136.0	12.3
12060.000000	---	45.35	54.00	8.65	500.0	121.0	H	132.0	12.3
12131.250000	---	45.03	54.00	8.97	500.0	104.0	H	6.0	11.8
12131.250000	58.04	---	74.00	15.96	500.0	120.0	H	16.0	11.8
12161.250000	---	45.26	54.00	8.74	500.0	100.0	V	170.0	11.9
12161.250000	58.18	---	74.00	15.82	500.0	121.0	V	191.0	11.9

Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit – MaxPeak / Average

KR276



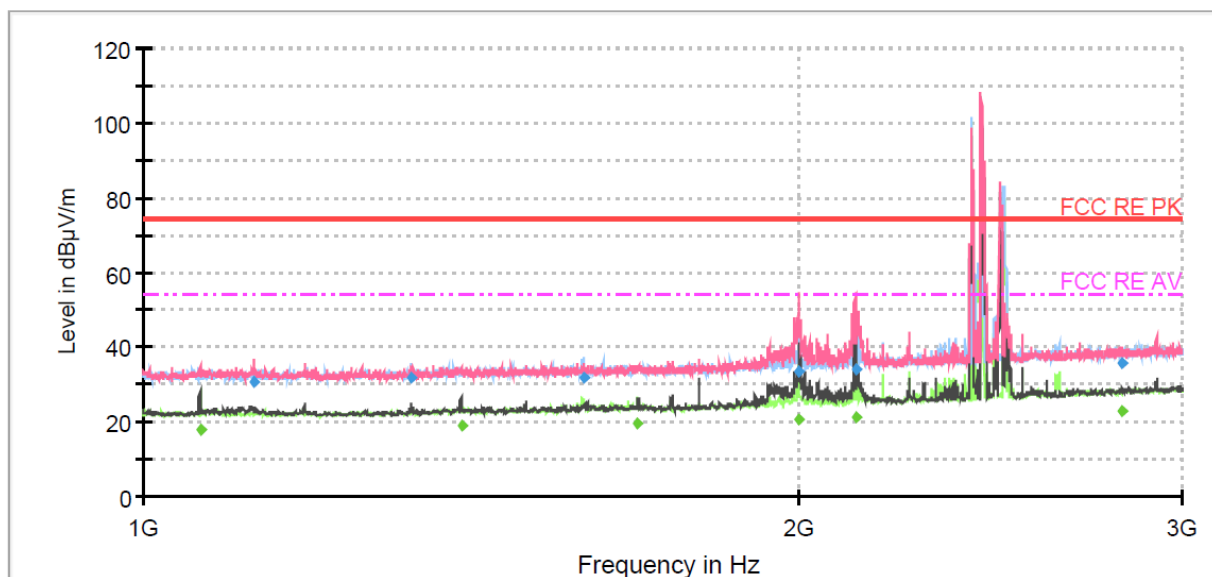
Radiated Emission from 30MHz to 1GHz

Final Result

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
44.19	24.42	40.00	15.58	1000.00	100.0	V	106.00	20
54.98	24.75	40.00	15.25	1000.00	100.0	V	67.00	20
123.12	30.53	43.50	12.97	1000.00	100.0	V	0.00	16
185.81	31.40	43.50	12.10	1000.00	199.0	H	27.00	17
323.43	36.03	46.00	9.97	1000.00	199.0	H	131.00	21
600.12	32.60	46.00	13.40	1000.00	200.0	V	347.00	27

Remark: 1. Correction Factor = Antenna factor + Insertion loss(cable loss + amplifier gain)

2. Margin = Limit – Quasi-Peak



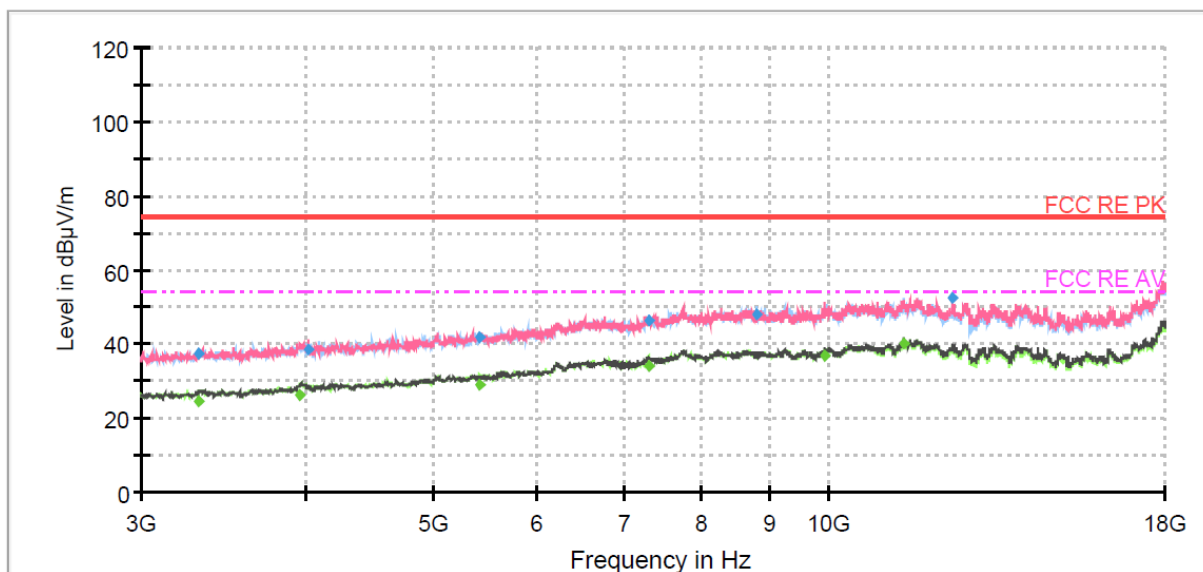
Radiated Emission from 1GHz to 3GHz

Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1061.75	---	18.11	54.00	35.89	1000.00	100.0	V	135.00	-22
1124.25	30.86	---	74.00	43.14	1000.00	200.0	V	353.00	-22
1326.50	32.05	---	74.00	41.95	1000.00	200.0	H	12.00	-21
1400.00	---	19.17	54.00	34.84	1000.00	100.0	V	1.00	-21
1594.50	31.98	---	74.00	42.02	1000.00	100.0	H	6.00	-21
1687.50	---	19.47	54.00	34.53	1000.00	200.0	H	1.00	-20
1999.25	33.61	---	74.00	40.39	1000.00	200.0	V	181.00	-18
1999.50	---	20.42	54.00	33.58	1000.00	100.0	V	6.00	-18
2124.25	33.80	---	74.00	40.20	1000.00	100.0	V	135.00	-18
2124.50	---	21.48	54.00	32.52	1000.00	100.0	V	135.00	-18
2816.00	---	22.71	54.00	31.29	1000.00	101.0	H	174.00	-15
2818.00	35.99	---	74.00	38.01	1000.00	200.0	V	311.00	-15

Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit – MaxPeak / Average



Radiated Emission from 3GHz to 18GHz

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
3316.88	37.32	---	74.00	36.68	1000.00	200.0	H	352.00	-13
3318.75	---	24.69	54.00	29.31	1000.00	100.0	H	347.00	-13
3958.13	---	26.36	54.00	27.64	1000.00	100.0	H	9.00	-11
4016.25	38.55	---	74.00	35.45	1000.00	100.0	V	352.00	-12
5416.88	41.75	---	74.00	32.25	1000.00	200.0	H	224.00	-8
5433.75	---	28.78	54.00	25.22	1000.00	200.0	H	359.00	-8
7297.50	---	34.00	54.00	20.00	1000.00	100.0	H	78.00	0
7303.13	46.40	---	74.00	27.60	1000.00	200.0	H	224.00	-1
8808.75	48.24	---	74.00	25.76	1000.00	100.0	H	278.00	1
9905.63	---	36.84	54.00	17.16	1000.00	100.0	V	264.00	1
11392.50	---	40.14	54.00	13.86	1000.00	100.0	V	96.00	5
12408.75	52.60	---	74.00	21.40	1000.00	100.0	V	358.00	5

Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)
 2. Margin = Limit – MaxPeak / Average

3.2 Conducted Emission

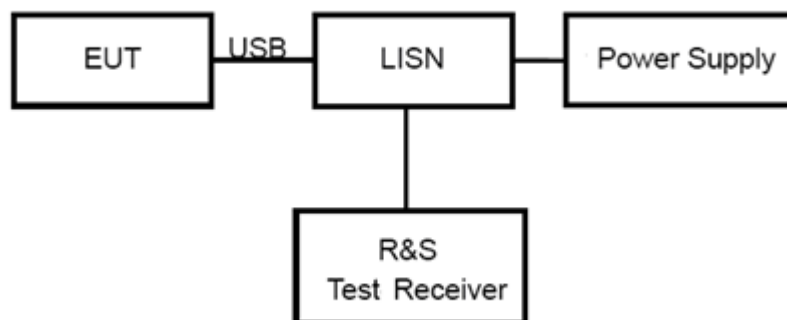
Ambient Condition

Temperature	Relative humidity
15°C ~ 35°C	30% ~ 60%

Methods of Measurement

The EUT was placed on the ground plane which has a 15cm non-conductive covering to insulate the EUT from the ground plane. During the test, the EUT was operating in its typical mode. The test method is according to ANSI C63.4-2014. Connect the AC power line of the EUT to the L.I.S.N. Use EMI receiver to detect the average and Quasi-peak value. RBW is set to 9 kHz, VBW is set to 30kHz. The measurement result should include both L line and N line.

Test Setup



Note: Power Supply is AC Power source and it is used to change the voltage 120V/60Hz.

Limits

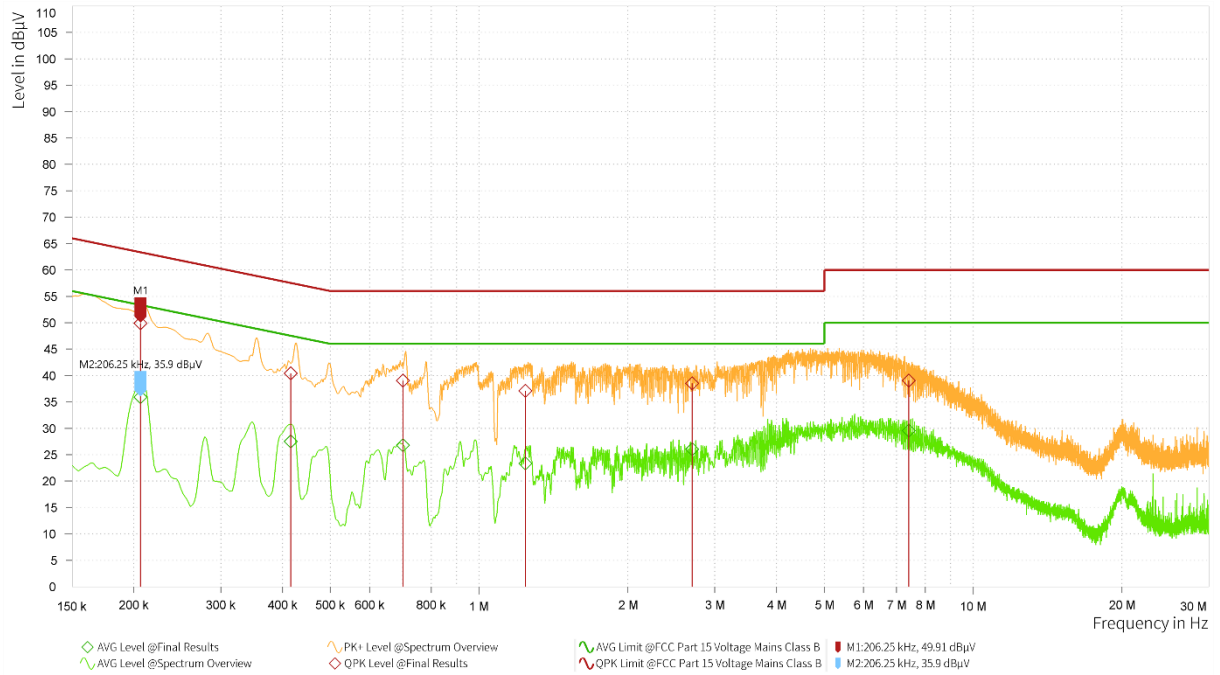
Frequency (MHz)	Class A (dBμV)		Class B (dBμV)	
	Quasi-peak	Average	Quasi-peak	Average
0.15 - 0.5	79	66	66 to 56 *	56 to 46*
0.5 - 5	73	60	56	46
5 - 30	73	60	60	50

*: Decreases with the logarithm of the frequency.

Note: The EUT should meet CLASS B limit.

Test Results

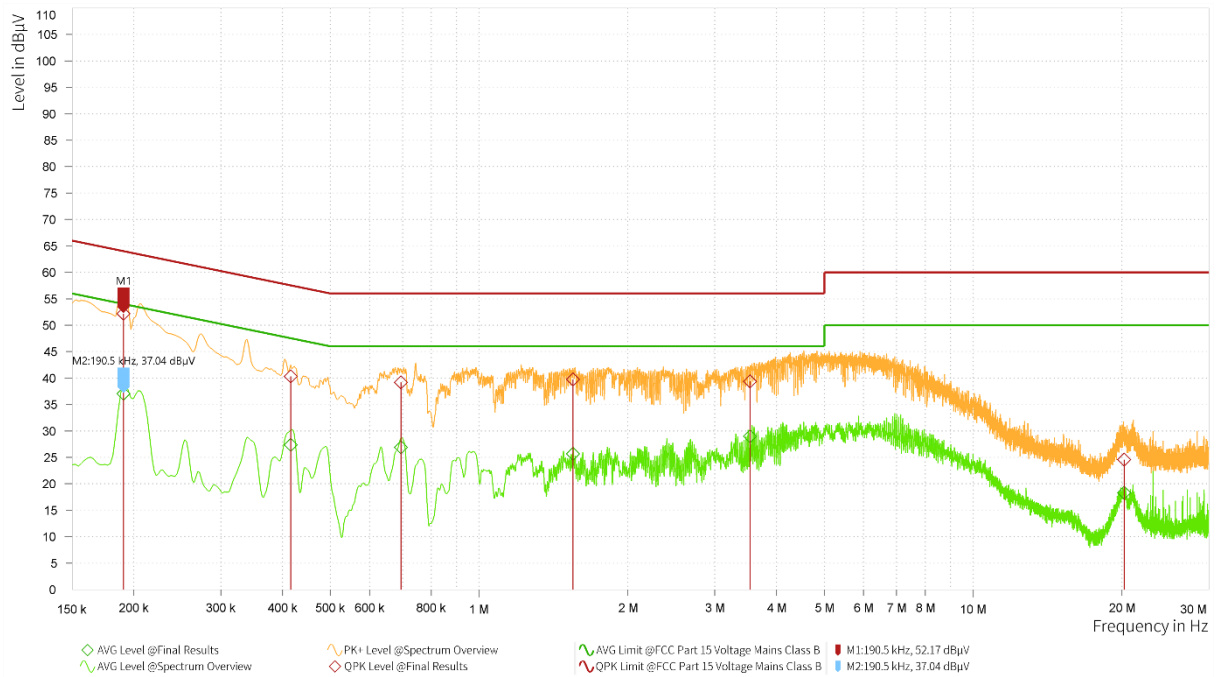
KR272



Frequency [MHz]	QPK Level [dBμV]	QPK Limit [dBμV]	QPK Margin [dB]	AVG Level [dBμV]	AVG Limit [dBμV]	AVG Margin [dB]	Correction [dB]	Line	Meas. BW [kHz]	Meas. Time [s]
0.206	49.91	63.35	13.44	35.90	53.35	17.46	21.01	L1	9.000	1.000
0.416	40.42	57.54	17.12	27.51	47.54	20.02	20.86	L1	9.000	1.000
0.701	39.03	56.00	16.97	26.80	46.00	19.20	20.57	L1	9.000	1.000
1.241	37.10	56.00	18.90	23.33	46.00	22.67	19.99	L1	9.000	1.000
2.699	38.50	56.00	17.50	26.04	46.00	19.96	19.52	L1	9.000	1.000
7.413	39.05	60.00	20.95	29.56	50.00	20.44	19.41	L1	9.000	1.000

L line

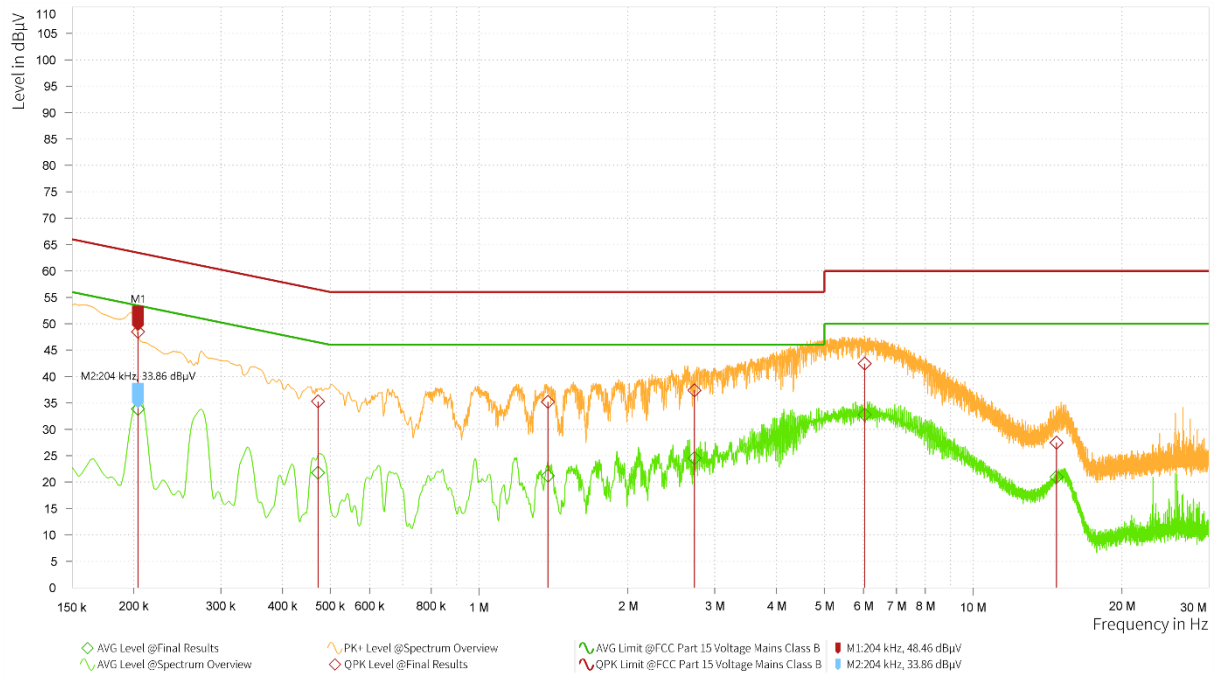
Conducted Emission from 150 kHz to 30 MHz



Frequency [MHz]	QPK Level [dBµV]	QPK Limit [dBµV]	QPK Margin [dB]	AVG Level [dBµV]	AVG Limit [dBµV]	AVG Margin [dB]	Correction [dB]	Line	Meas. BW [kHz]	Meas. Time [s]
0.191	52.17	64.01	11.84	37.04	54.01	16.98	21.03	N	9.000	1.000
0.416	40.30	57.54	17.23	27.37	47.54	20.17	20.87	N	9.000	1.000
0.695	39.19	56.00	16.81	26.90	46.00	19.10	20.58	N	9.000	1.000
1.550	39.73	56.00	16.27	25.65	46.00	20.35	19.83	N	9.000	1.000
3.536	39.38	56.00	16.62	28.98	46.00	17.02	19.46	N	9.000	1.000
20.227	24.55	60.00	35.45	18.32	50.00	31.68	19.72	N	9.000	1.000

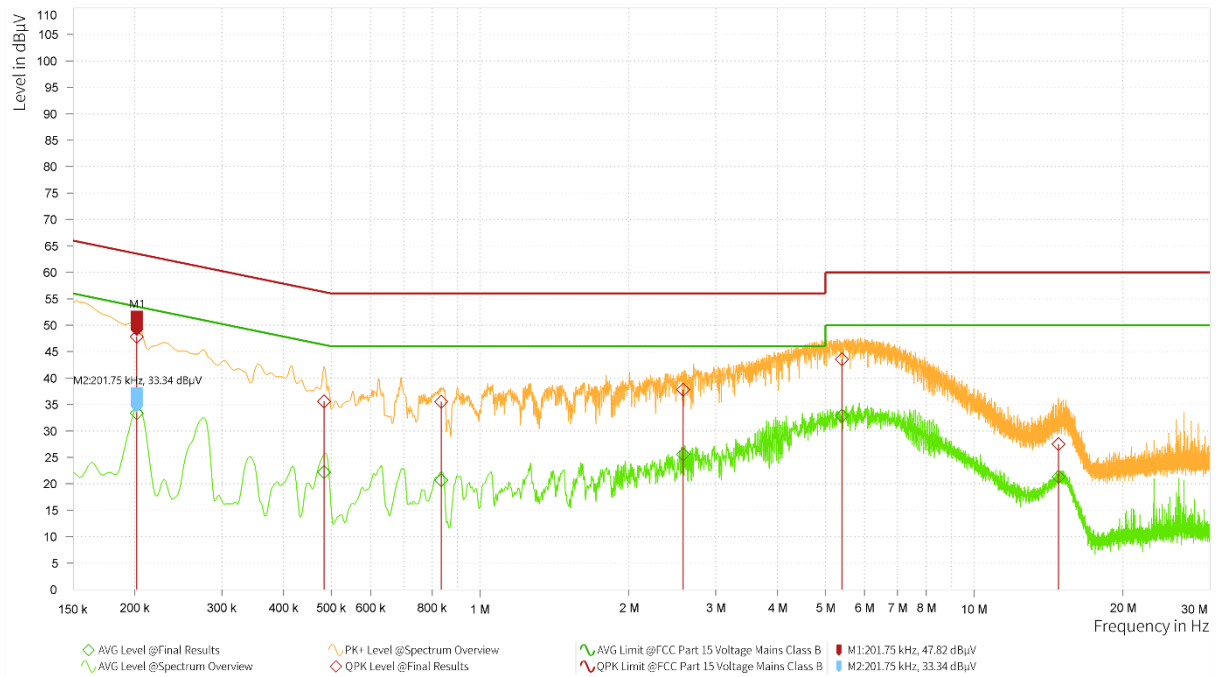
N line
Conducted Emission from 150 kHz to 30 MHz

KR274



Frequency [MHz]	QPK Level [dBµV]	QPK Limit [dBµV]	QPK Margin [dB]	AVG Level [dBµV]	AVG Limit [dBµV]	AVG Margin [dB]	Correction [dB]	Line	Meas. BW [kHz]	Meas. Time [s]
0.204	48.46	63.45	14.98	33.86	53.45	19.58	21.01	L1	9.000	1.000
0.472	35.31	56.48	21.17	21.78	46.48	24.70	20.81	L1	9.000	1.000
1.379	35.20	56.00	20.80	21.21	46.00	24.79	19.91	L1	9.000	1.000
2.729	37.37	56.00	18.63	24.53	46.00	21.47	19.51	L1	9.000	1.000
6.032	42.47	60.00	17.53	32.76	50.00	17.24	19.40	L1	9.000	1.000
14.746	27.47	60.00	32.53	20.97	50.00	29.03	19.50	L1	9.000	1.000

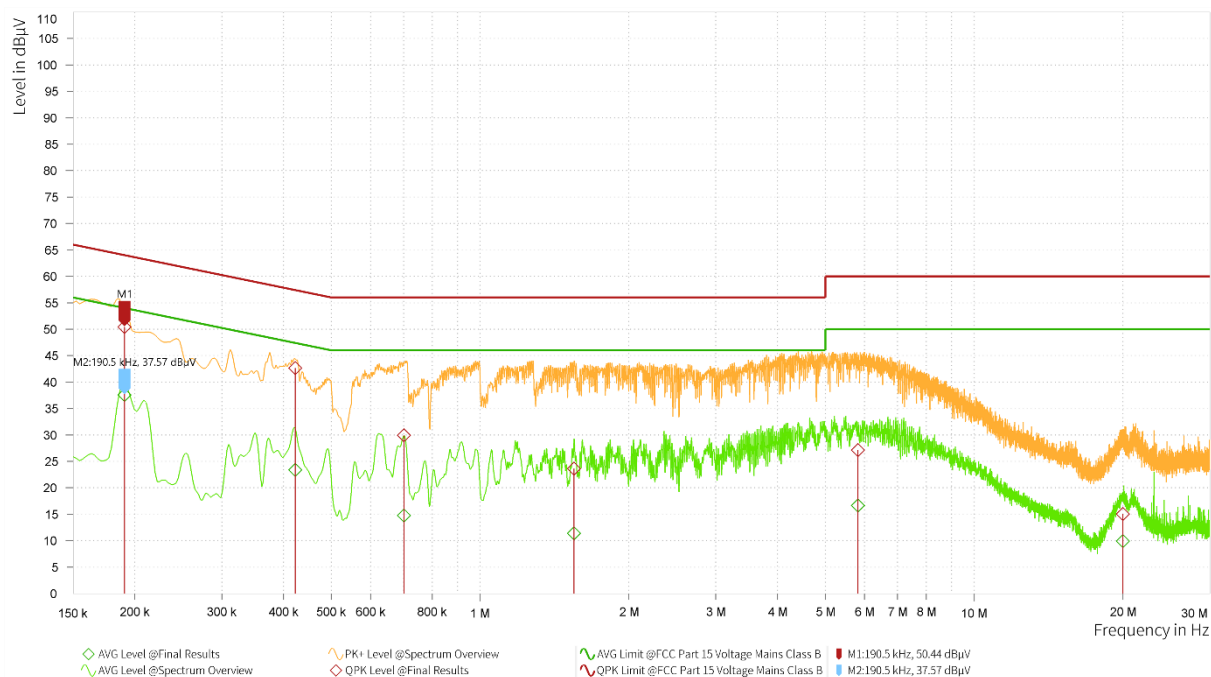
L line
Conducted Emission from 150 kHz to 30 MHz



Frequency [MHz]	QPK Level [dBμV]	QPK Limit [dBμV]	QPK Margin [dB]	AVG Level [dBμV]	AVG Limit [dBμV]	AVG Margin [dB]	Correction [dB]	Line	Meas. BW [kHz]	Meas. Time [s]
0.202	47.82	63.54	15.71	33.34	53.54	20.20	21.02	N	9.000	1.000
0.483	35.59	56.29	20.69	22.19	46.29	24.10	20.80	N	9.000	1.000
0.834	35.54	56.00	20.46	20.66	46.00	25.34	20.31	N	9.000	1.000
2.578	37.79	56.00	18.21	25.56	46.00	20.44	19.54	N	9.000	1.000
5.399	43.55	60.00	16.45	32.87	50.00	17.13	19.41	N	9.000	1.000
14.816	27.49	60.00	32.51	21.32	50.00	28.68	19.53	N	9.000	1.000

N line
Conducted Emission from 150 kHz to 30 MHz

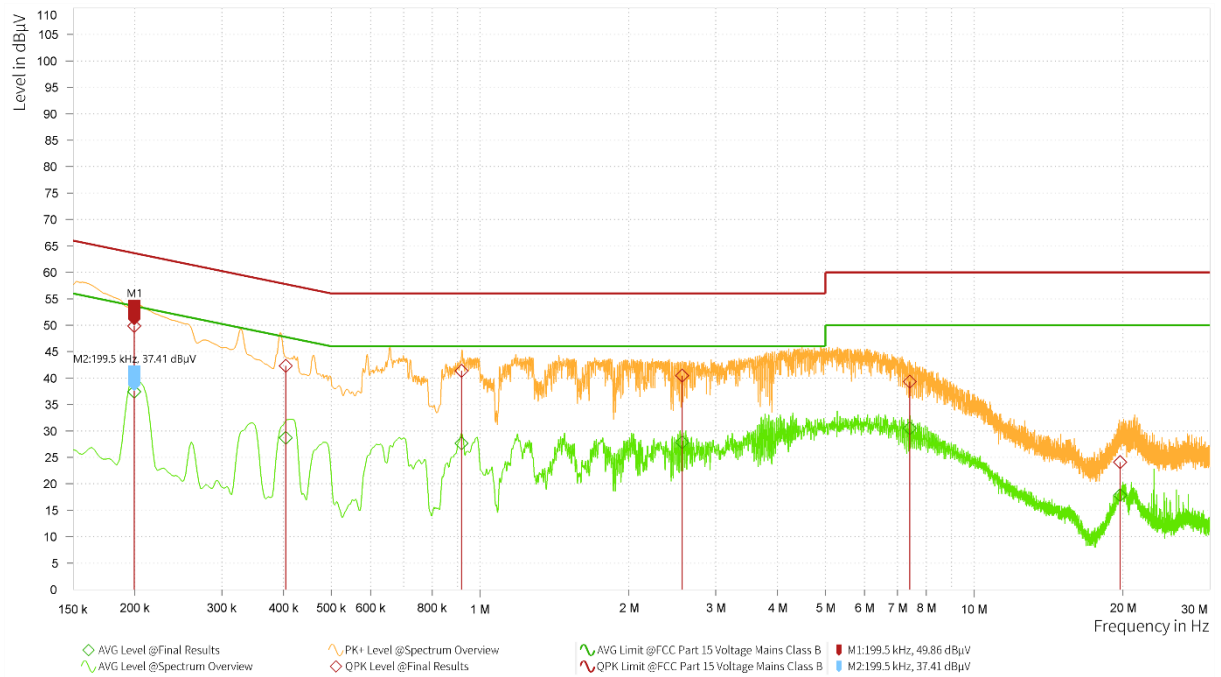
KR276



Frequency [MHz]	QPK Level [dBµV]	QPK Limit [dBµV]	QPK Margin [dB]	AVG Level [dBµV]	AVG Limit [dBµV]	AVG Margin [dB]	Correction [dB]	Line	Meas. BW [kHz]	Meas. Time [s]
0.191	50.44	64.01	13.58	37.57	54.01	16.44	21.02	L1	9.000	1.000
0.422	42.66	57.40	14.75	23.41	47.40	24.00	20.85	L1	9.000	1.000
0.701	29.95	56.00	26.05	14.74	46.00	31.26	20.57	L1	9.000	1.000
1.550	23.64	56.00	32.36	11.41	46.00	34.59	19.82	L1	9.000	1.000
5.822	27.12	60.00	32.88	16.64	50.00	33.36	19.40	L1	9.000	1.000
20.015	15.02	60.00	44.98	9.90	50.00	40.10	19.66	L1	9.000	1.000

L line

Conducted Emission from 150 kHz to 30 MHz



Frequency [MHz]	QPK Level [dBµV]	QPK Limit [dBµV]	QPK Margin [dB]	AVG Level [dBµV]	AVG Limit [dBµV]	AVG Margin [dB]	Correction [dB]	Line	Meas. BW [kHz]	Meas. Time [s]
0.200	49.86	63.63	13.77	37.41	53.63	16.23	21.02	N	9.000	1.000
0.404	42.32	57.77	15.45	28.69	47.77	19.07	20.88	N	9.000	1.000
0.917	41.38	56.00	14.62	27.66	46.00	18.34	20.24	N	9.000	1.000
2.564	40.46	56.00	15.54	27.83	46.00	18.17	19.54	N	9.000	1.000
7.413	39.31	60.00	20.69	30.48	50.00	19.52	19.41	N	9.000	1.000
19.763	24.11	60.00	35.89	17.84	50.00	32.16	19.70	N	9.000	1.000

N line
Conducted Emission from 150 kHz to 30 MHz

4 Uncertainty Measurement

Case	Uncertainty	Factor k
Radiated Emission 30MHz – 200MHz	4.17 dB	1.96
Radiated Emission 200MHz – 1GHz	4.84 dB	1.96
Radiated Emission 1GHz – 18GHz	4.35 dB	1.96
Conducted Emission	2.57 dB	2

5 Main Test Instruments

Name of Equipment	Manufacturer	Type/Model	Serial Number	Calibration Date	Expiration Time
Radiated Emission					
EMI Test Receiver	R&S	ESR	102720	2025-05-06	2026-05-05
TRILOG Broadband Antenna	SCHWARZBECK	VULB 9163	01614	2023-09-13	2026-09-12
Horn Antenna	R&S	HF907	102724	2024-07-23	2027-07-22
Software	R&S	ELEKTRA	5.02.1	/	/
Conducted Emission					
Artificial main network	R&S	ENV216	102191	2024-12-02	2026-12-01
EMI Test Receiver	R&S	ESR	101667	2025-05-06	2026-05-05
Software	R&S	EMC32	10.35.10	/	/

6 The EUT Appearance

Refer to *EUT Appearance*.

7 Test Setup Photos

Refer to *EMC Test Setup*.

8 Product Change Description

Refer to Product Change Description.

***** END OF REPORT *****