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Yongin-si, Gyeonggi-do 17036, Korea (Republic of)  
Main: +82-31-322-6767 / Fax: +82-31-322-6768

**Test report No.:**  
TREFCC24-0077

# FCC CERTIFICATION TEST REPORT

**Test report No.** : TREFCC24-0077  
**Applicant** : WI.Platt Co., Ltd.  
**Address** : 402, 106, Techno 2-ro, Yuseong-gu, Daejeon,  
Republic of Korea  
**Manufacturer** : WI.Platt Co., Ltd.  
**Address** : 402, 106, Techno 2-ro, Yuseong-gu, Daejeon,  
Republic of Korea  
**Type of equipment** : IoT Leak Sensor  
**Model name** : Sonic GL  
**Variant model name** : Not applicable  
**FCC ID** : 2BL33SONICGL  
**Date of incoming** : October 01, 2024  
**Date of test** : November 06, 2024  
**Date of issue** : November 11, 2024  
**Test standards** : ANSI C 63.4-2014  
47 CFR Part 15 Subpart B  
**Type of device** : All other devices  
**Test Result** : ☒ Complied ☐ Not complied

## Summary

The test results presented in this test report are limited only to the sample supplied by applicant and the use of this test report is inhibited other than its purpose. This test report shall not be reproduced except in full, without the written approval of Lab-T, Inc.

**Prepared by**

JiYeon Kim / EMC Test Engineer

**Approved by**

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If this test report is required for confirmation of authenticity, please contact [info@lab-t.net](mailto:info@lab-t.net)  
This test report is not related to KOLAS.

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## 1. Revision history

Issued report No.	Version	Issued date	Revision
TREFCC24-0077	Rev. 00	November 11, 2024	Original








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## 2. Information of test laboratory

<b>Corporate name</b>	Lab-T, Inc.
<b>Representative</b>	Duke (Jongyoung) Kim
<b>Address</b>	2182-42 Baegok-daero, Mohyeon-eup, Cheoin-gu, Yongin-si
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<b>E-mail</b>	<a href="mailto:info@lab-t.net">info@lab-t.net</a>

<b>Test site</b>	Building L, A, T
<b>Address</b>	2182-40, 2182-44, 2182-42 Baegok-daero, Mohyeon-eup, Cheoin-gu
	Yongin-si, Gyeonggi-do 17036, Korea (Republic of)

\* Lab-T, Inc. has been accredited / filed / authorized by the agencies listed in the following table.

Certificate	Nation	Agency	Code	Mark
Accreditation	Korea	KOLAS	KT703	
Site filing	USA	FCC	KR0159	
	Japan	VCCI	R-14282, C-14764 T-12276, G-10886 G-10887	
	Canada	Industry Canada (IC)	22000	
Certification	Korea	KC	KR0159 (RRA) KC2019-1 (KATS)	
	EU	TUV SUD	CARAT 093449 0009	
	USA	UL	1706-E-197	

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### 3. Applicant information

<b>Applicant</b>	WI.Plat Co., Ltd.
<b>Address</b>	402, 106, Techno 2-ro, Yuseong-gu, Daejeon, Republic of Korea

<b>Manufacturer</b>	WI.Plat Co., Ltd.
<b>Address</b>	402, 106, Techno 2-ro, Yuseong-gu, Daejeon, Republic of Korea
<b>Country of origin</b>	Korea

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## 4. Description of EUT (Equipment under test)

### 4.1 Product description

<b>Name of EUT</b>	IoT Leak Sensor
<b>Model name</b>	Sonic GL

### 4.2 Product specification

Rated power : 3.7 V (Battery power)

Charging power : AC 120 V, 60 Hz

### 4.3 EUT internal operating frequency

Frequency	Description	Frequency	Description
66 MHz	-	-	-

### 4.4 Information of additional model

Division	Model name	Difference
-	-	-

### 4.5 Peripheral equipment

Product	Model name	Serial No.	Manufacturer
IoT Leak Sensor (EUT)	Sonic GL	-	WI.Plat Co., Ltd. / Korea
Adapter	CCGAN65UK	-	Shenzhen Times Innovation Technology Co., Ltd. / China

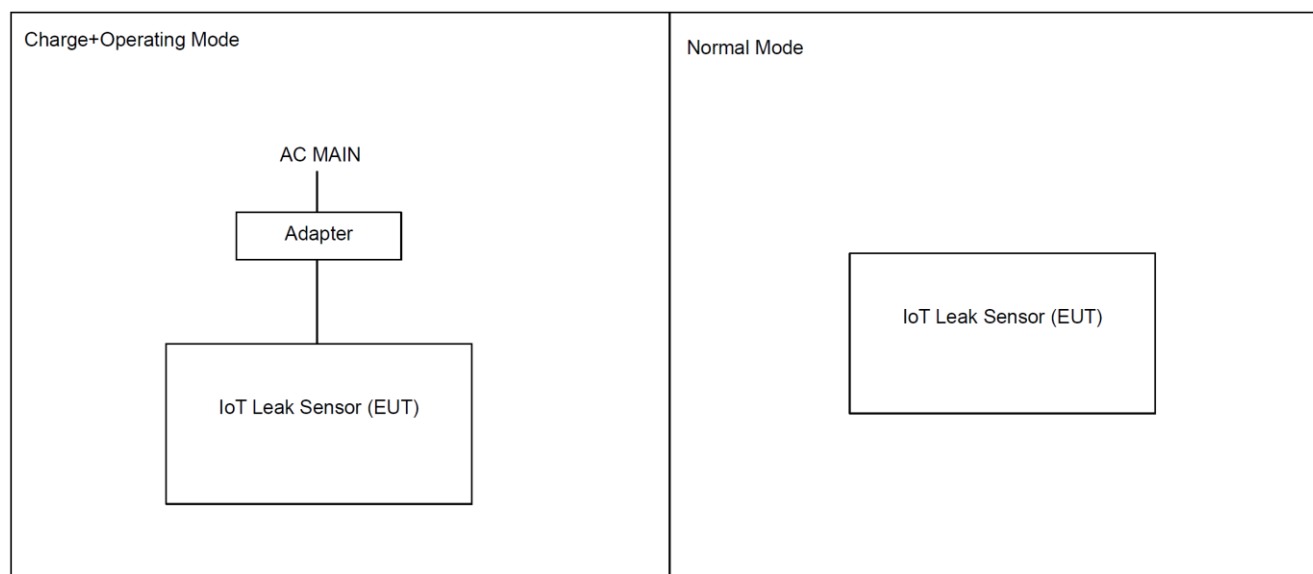
### 4.6 Connection cable

[Charge+Operating Mode]

Start-up device		Connected end device		Cable specification	
Name	I/O port	Name	I/O port	Length (m)	Spec.
IoT Leak Sensor (EUT)	DC IN	Adapter	DC OUT	0.6	Unshield
Adapter	AC IN	AC MAIN	AC OUT	Direct	-

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## 4.7 Test setup and configuration



## 4.8 EUT operating test mode(s)

- Charge+Operating Mode and Normal Mode were tested respectively.
- Charge+Operating Mode: Test was conducted with the EUT powered on and charging via an adapter.
- Operation was confirmed by the blue LED lighting on the power button.
- Normal Mode: Powered by the EUT's battery and verified by the blue LED lighting on the power button.

## 4.9 EUT modification

- Not modification.

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## 5. Test standard

### 5.1 Standard

Test item	Applied standard	Result
Conducted emission	47 CFR FCC Part 15 Subpart B §15.107 (Class A)	C
Radiated emission (30 MHz ~ 1 000 MHz)	47 CFR FCC Part 15 Subpart B §15.109 (Class A)	C
Radiated emission (Above 1 GHz)	47 CFR FCC Part 15 Subpart B §15.109 (Class A)	C
* C=Comply, N/A=Not applicable		

#### [Measurement uncertainty]

All measurements involve certain levels of uncertainties, especially in field of EMC.

The factors contributing to uncertainties are test receiver, cable loss, antenna factor calibration, Antenna directivity, antenna factor variation with height, antenna phase center variation, antenna frequency interpolation, measurement distance variation, site imperfection, mismatch, and system repeatability. Based on CISPR 16-4-2, the measurement uncertainty level with a 95 % confidence level was applied.

Test item		Uncertainty	Confidence level of approximately
Conducted emission	150 kHz ~ 30 MHz	2.36 dB	Least about 95 %, k = 2
Radiated emission (30 MHz to 1 000 MHz)	30 MHz ~ 1 000 MHz	4.80 dB	Least about 95 %, k = 2
Radiated emission (Above 1 GHz)	Above 1 GHz	5.06 dB	Least about 95 %, k = 2



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## 6. Emission test result

### 6.1 Conducted emission

Test standard	47 CFR FCC Part 15 Subpart B §15.107
Test date	2024.11.06
Test facility	Building L Shielded room (#1)
Test voltage	AC 120 V, 60 Hz
Temperature	(22.9 ~ 23.1) °C
Relative humidity	(52.8 ~ 53.3) % R.H.
Test result	Complied

#### 6.1.1 Measurement procedure

If the EUT is table top equipment, it was placed on a non-metal table with a height of 0.8 m above the reference ground plane and 0.4 m from the conducting wall of the shielded room.

Also if the EUT is floor-standing equipment, it was placed either directly on the reference ground plane or on insulating material as described in ANSI C 63.4 6.3.3.2. Connect the EUT's power source lines to the appropriate power mains / peripherals through the LISN. All the other peripherals are connected to the 2nd LISN & ISN, if any. Unused measuring port of the LISN & ISN was resistively terminated by 50 ohm terminator. The measuring port of the LISN for EUT was connected to spectrum analyzer. Using conducted emission test software, the emissions were scanned with peak detector mode. After scanning over the frequency range, suspected emissions were selected to perform final measurement. When performing final measurement, the receiver was used which has quasi-peak detector and CISPR average detector. By varying the configuration of the test sample and the cable routing it was attempted to maximize the emission.

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### 6.1.2 Test equipment used

Equipment	Model	Manufacturer	Serial number	Next cal. date
EMI Test Receiver	ESR7	R&S	101440	2025.09.04
PULSE LIMITER	VTSD 9561-F	Schwarzbeck	00189	2025.04.02
LISN	ENV216	R&S	101883	2025.04.01
LISN Control Unit	LISN Controller	TSJ	04494-1	-
LISN Control Unit	LISN Controller	TSJ	04494-2	-
EMI CE Software	EMI-C	TSJ	-	-

\* All test equipment used is calibrated on a regular basis.

### 6.1.3 Conducted emission limit

Frequency (MHz)	Class A (dB(μV))		Class B (dB(μV))	
	Quasi-peak	Average	Quasi-peak	Average
0.15 to 0.5	79	66	66 ~ 56*	56 ~ 46*
0.5 to 5	73	60	56	46
5 to 30			60	50
Remark 1: (*) The limit decreases linearly with the logarithm of frequency.				



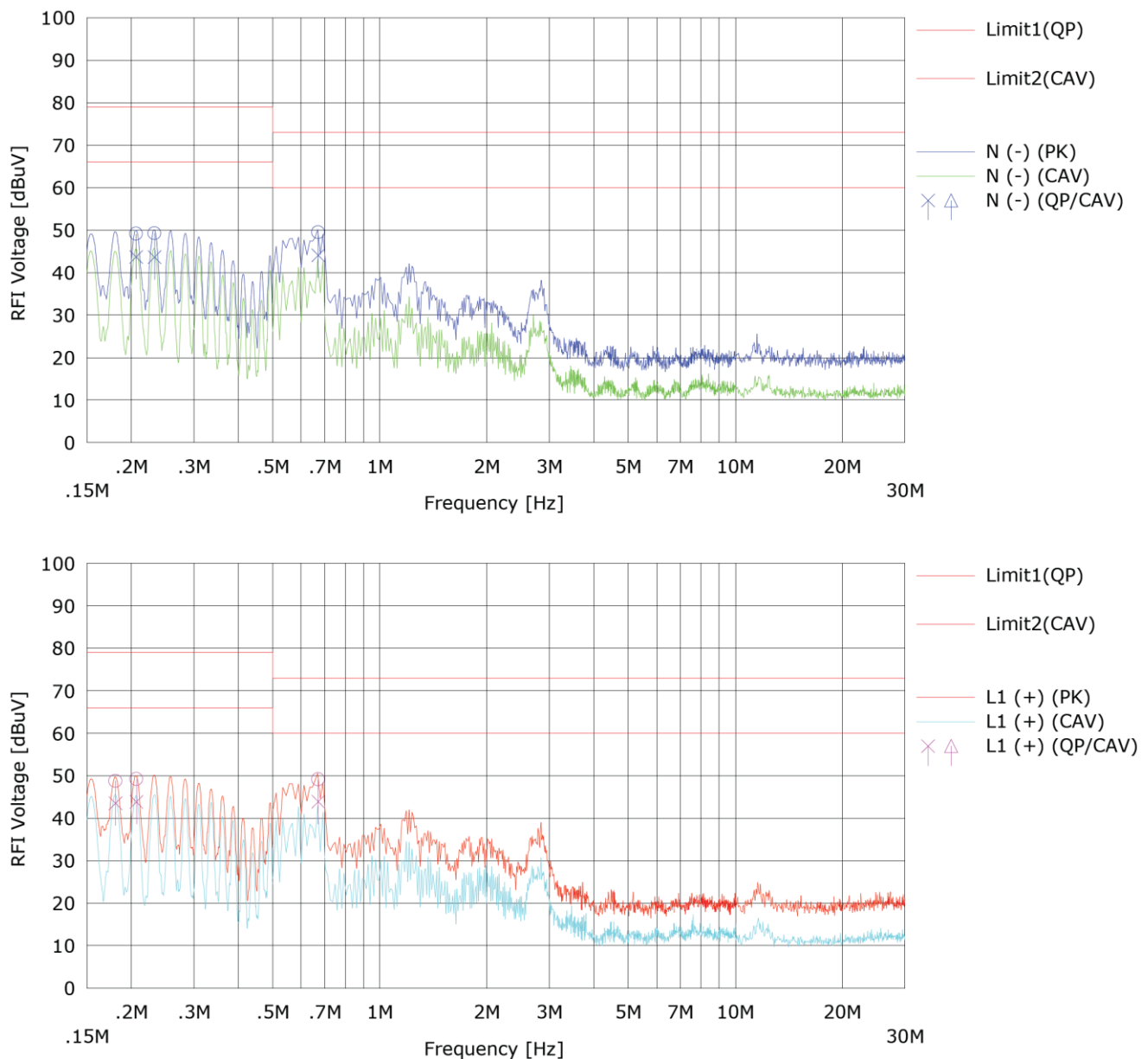
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#### 6.1.4 Conducted emission test data

[Charge+Operating Mode]

\* Minimum limit margin is 15.9 dB at 0.67099 MHz. (CISPR Average)





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NO	FREQ [MHz]	READING		C.FACTOR [dB]	RESULT		LIMIT		MARGIN		PHASE
		QP [dBuV]	CAV [dBuV]		QP [dBuV]	CAV [dBuV]	QP [dBuV]	CAV [dBuV]	QP [dBuV]	CAV [dBuV]	
1	0.20635	29.0	23.5	20.2	49.1	43.7	79.0	66.0	29.9	22.3	N (-)
2	0.23228	29.1	23.5	20.1	49.2	43.6	79.0	66.0	29.8	22.4	N (-)
3	0.67099	29.2	23.8	20.3	49.5	44.1	73.0	60.0	23.5	15.9	N (-)
4	0.18051	28.4	23.2	20.3	48.8	43.5	79.0	66.0	30.2	22.5	L1 (+)
5	0.20663	29.0	23.6	20.2	49.2	43.8	79.0	66.0	29.8	22.2	L1 (+)
6	0.67084	28.9	23.6	20.3	49.2	43.9	73.0	60.0	23.8	16.1	L1 (+)

\* Remark: "L1": (Line), "N": (Neutral)

\* Results [dB( $\mu$ V)] = Reading [dB( $\mu$ V)] + C.FACTOR [dB]

\* C.FACTOR [dB] = LISN insertion Loss [dB] + Cable loss [dB] + Pulse limiter factor [dB]

\* Margin [dB] = Limit [dB( $\mu$ V)] - Result [dB( $\mu$ V)]

\* QP: Quasi-peak , CAV: CISPR average

\* ex) Measure Value[QP]

Frequency: 0.20635 MHz

Results [dB $\mu$ V] = 49.1, Reading [dB $\mu$ V] = 29.0, C.FACTOR [dB] = 20.2

49.1 dB $\mu$ V = 29.0 dB $\mu$ V + 20.2 dB

Margin [dB $\mu$ V] = 29.9, Limit[dB $\mu$ V] = 79.0, Result [dB $\mu$ V] = 49.1

29.9 dB $\mu$ V = 79.0 dB $\mu$ V - 49.1 dB $\mu$ V

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## 6.2 Radiated emission (30 MHz ~ 1 000 MHz)

Test standard	47 CFR FCC Part 15 Subpart B §15.109
Test date	2024.11.06
Test facility	Building A 10 m chamber
Test voltage	AC 120 V, 60 Hz
Temperature	(21.3 ~ 22.1) °C
Relative humidity	(50.7 ~ 51.3) % R.H.
Test result	Complied

### 6.2.1 Measurement procedure

If the EUT is tabletop equipment, it was placed on a non-metal table with a height of 0.8 m above the reference ground plane and 3 m away from the interference receiving antenna in the 10 m semi-anechoic chamber.

Also if the EUT is floor-standing equipment, it was placed either directly on the reference ground plane or on insulating material as described in ANSI C 63.4 6.3.3.2. Rotate the EUT from (0 - 360)° and position the receiving antenna at heights from (1 - 4) m above the reference ground plane continuously to determine associated with higher emission levels and record them.

The measurement was made in both the vertical and horizontal polarization, and the maximum value is presented in the report. For 30 MHz ~ 1 000 MHz frequency range, quasi-peak detector with 120 kHz RBW was used.

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## 6.2.2 Test equipment used

Equipment	Model	Manufacturer	Serial number	Next cal. date
EMI Test Receiver	ESW44	R&S	101839	2025.05.30
Low Noise Preamplifier	MLA-10k01-b01-14	TSJ	2060297	2025.05.31
Bi-Log Antenna	VULB9168	Schwarzbeck	00822	2025.03.09
Attenuator	50FPE-006N	JFW	6 dB-1	2025.03.09
Controller	CO3000	Innco	45450119	-
Antenna Mast	MA4000-EP	Innco	-	-
Turn Table	-	-	-	-
EMI RE Software	EMI-R	TSJ	-	-

\* All test equipment used is calibrated on a regular basis.

## 6.2.3 Radiated emission limit

- The test frequency range of radiated disturbance measurements are listed below

Highest frequency generated or used in the device or on which the device operates or tunes (MHz)	Upper frequency of measurement range (MHz)
Below 108	1 000
108 - 500	2 000
500 - 1 000	5 000
Above 1 000	5th harmonic of the highest frequency or 40 GHz, whichever is lower

- Limit for radiated emission below 1 000 MHz

Frequency range (MHz)	Class A Equipment (10 m distance)	Class B Equipment (3 m distance)
	Quasi-peak (dB(μV/m))	Quasi-peak (dB(μV/m))
30 to 88	39.1	40
88 to 216	43.5	43.5
216 to 960	46.4	46
960 to 1 000	49.5	54

Note 1 The lower limit shall apply at the transition frequency.

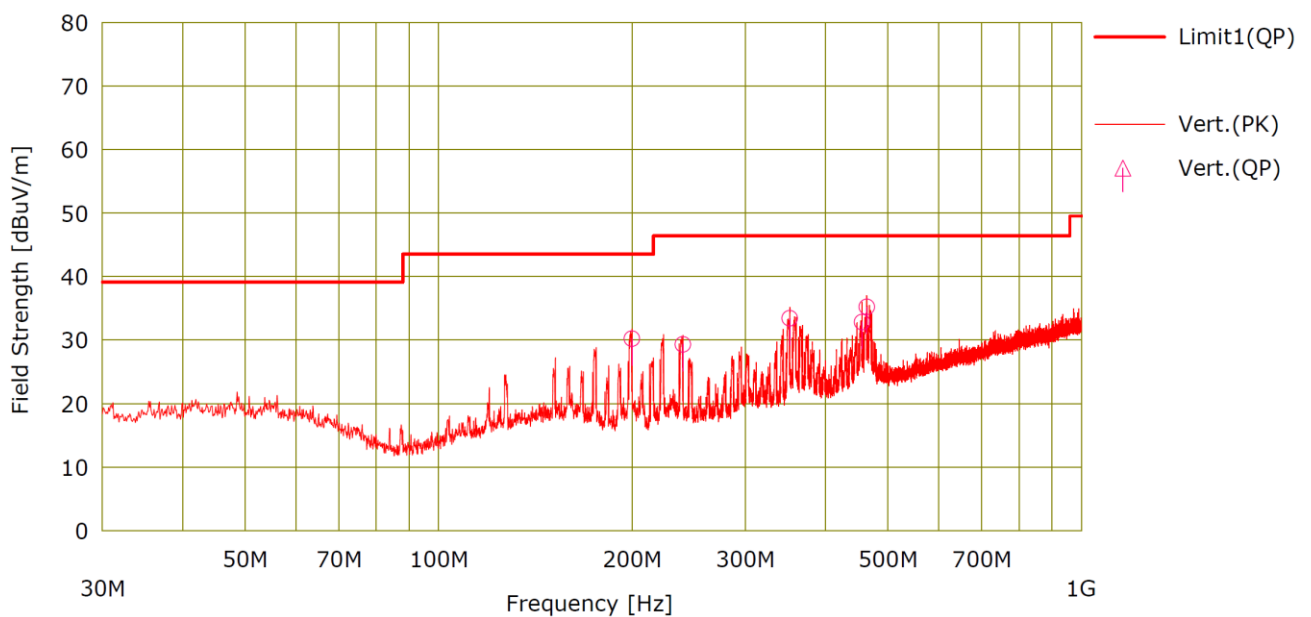
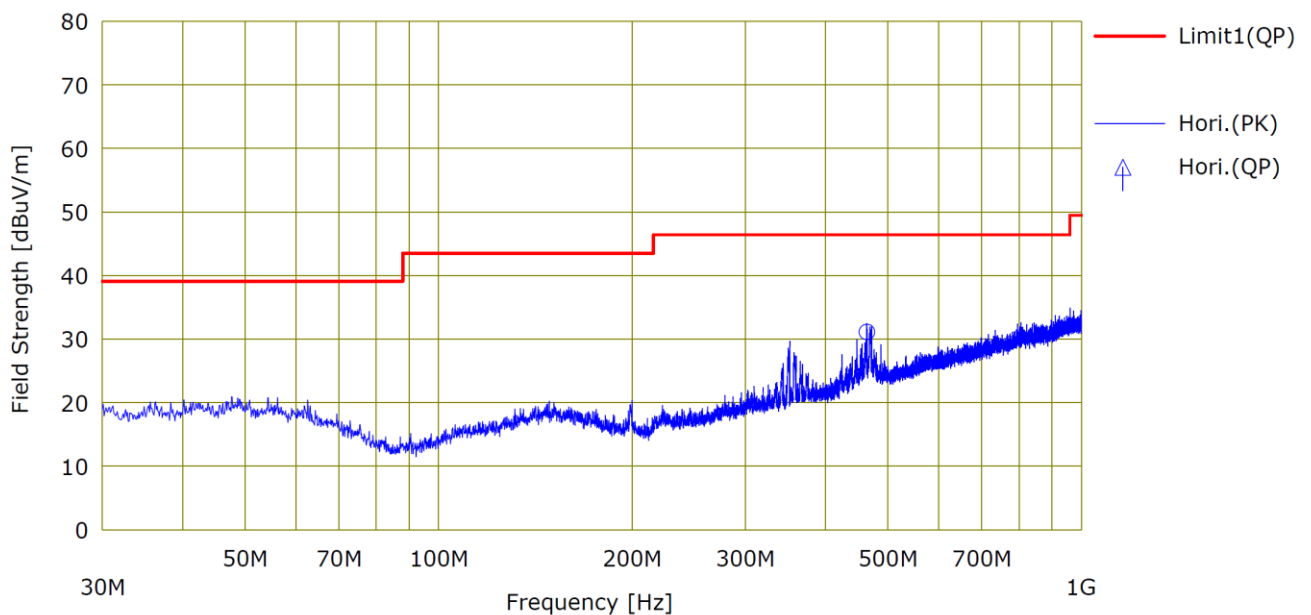
Note 2 Additional provisions may be required for cases where interference occurs.

Note 3 According to 15.109(g), as an alternative to the radiated emission limit shown above, digital devices may be shown to comply with the standards(CISPR), Pub. 22 shown as below.

## 6.2.4 Radiated emission test data

[Charge+Operating Mode]

\* Minimum limit margin is 11.2 dB at 463.987 MHz (Vertical)





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<< QP DATA >>

No.	Freq.	Reading	Ant.Fac	Loss	Gain	Result	Limit	Margin	Pola.	Height	Angle	Ant. Type
		<QP>				<QP>	<QP>	<QP>				
	[MHz]	[dBuV]	[dB/m]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	[H/V]	[cm]	[deg]	
1	464.039	44.8	23.0	-36.7	0.0	31.1	46.4	15.3	Hori.	100	275	VULB9
2	199.966	51.0	16.8	-37.6	0.0	30.2	43.5	13.3	Vert.	100	105	VULB9
3	240.004	49.2	17.6	-37.5	0.0	29.3	46.4	17.1	Vert.	100	12	VULB9
4	352.026	50.4	20.1	-37.1	0.0	33.4	46.4	13.0	Vert.	100	165	VULB9
5	456.019	46.6	22.9	-36.8	0.0	32.8	46.4	13.6	Vert.	100	346	VULB9
6	463.987	48.9	23.0	-36.7	0.0	35.2	46.4	11.2	Vert.	100	0	VULB9

\* Results [dB( $\mu$ V/m)] = Reading [dB( $\mu$ V)] + Antenna factor [dB/m] - Loss [dB]

\* Loss = Cable loss [dB] - Amp gain [dB]

\* Margin [dB] = Limit [dB( $\mu$ V/m)] - Results [dB( $\mu$ V/m)]

\* QP: Quasi-peak

\* ex) Measure Value [QP]

Frequency: 464.039 MHz

Result [dB  $\mu$  V/m] = 31.1, Reading [dB  $\mu$  V/m] = 44.8, Antenna factor [dB/m] = 23.0, Loss [dB] = - 36.7, Amp gain [dB] = 0.0

31.1 dB  $\mu$  V/m = 44.8 dB  $\mu$  V/m + 23.0 dB/m - 36.7 dB - 0.0 dB

Margin [dB  $\mu$  V/m] = 15.3, Limit [dB  $\mu$  V/m] = 46.4, Result [dB  $\mu$  V/m] = 31.1

15.3 dB  $\mu$  V/m = 46.4 dB  $\mu$  V/m - 31.1 dB  $\mu$  V/m



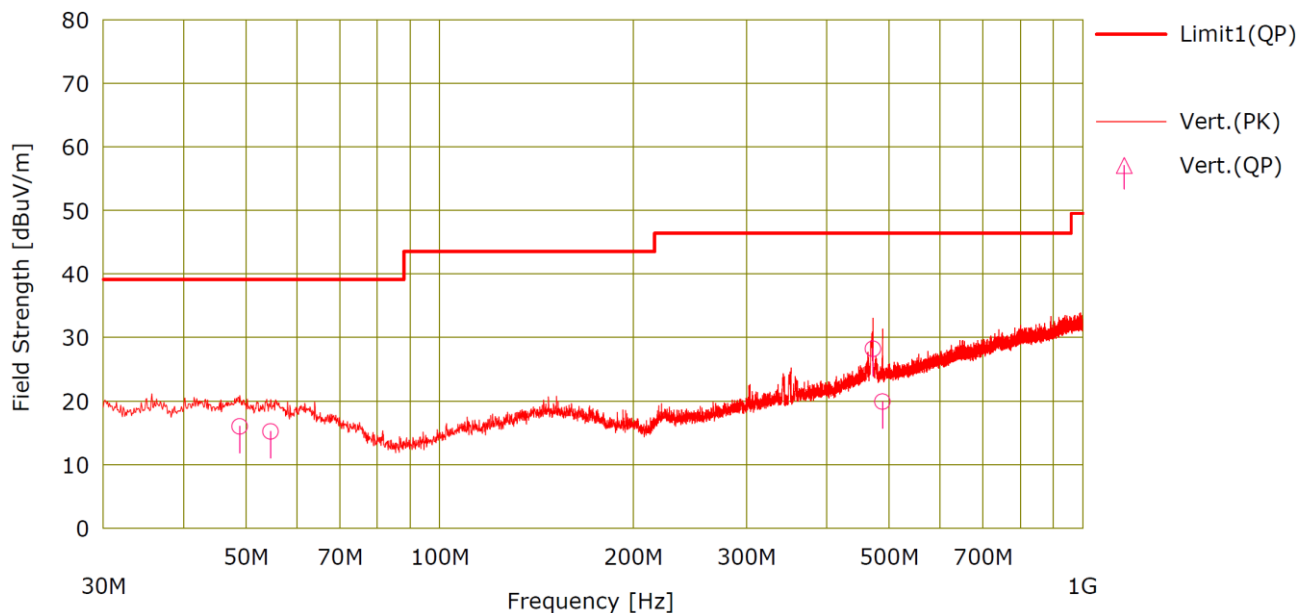
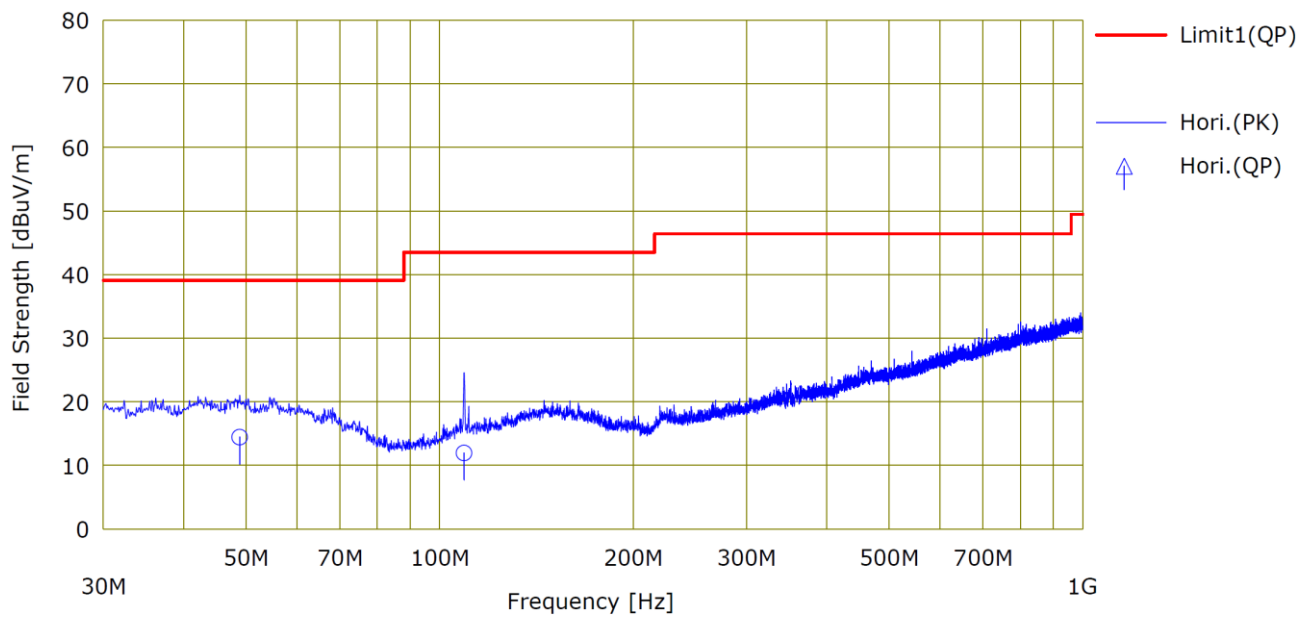


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[Normal Mode]

\* Minimum limit margin is 18.2 dB at 472.042 MHz (Vertical)





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<< QP DATA >>

No.	Freq. [MHz]	Reading <QP>	Ant.Fac [dB/m]	Loss [dB]	Gain [dB]	Result <QP>	Limit <QP>	Margin <QP>	Pola. [H/V]	Height [cm]	Angle [deg]	Ant. Type
		[dBuV]				[dBuV/m]	[dBuV/m]	[dB]				
1	48.906	33.7	19.8	-39.0	0.0	14.4	39.1	24.7	Hori.	300	350	VULB9
2	109.207	33.6	16.5	-38.2	0.0	11.9	43.5	31.6	Hori.	300	293	VULB9
3	48.899	35.3	19.8	-39.0	0.0	16.0	39.1	23.1	Vert.	400	203	VULB9
4	54.624	34.7	19.4	-38.9	0.0	15.2	39.1	23.9	Vert.	200	359	VULB9
5	472.042	41.8	23.1	-36.7	0.0	28.2	46.4	18.2	Vert.	400	281	VULB9
6	488.487	33.2	23.4	-36.7	0.0	19.9	46.4	26.5	Vert.	300	300	VULB9

\* Results [dB(μV/m)] = Reading [dB(μV)] + Antenna factor [dB/m] - Loss

\* Loss = Cable loss [dB] - Amp gain [dB]

\* Margin [dB] = Limit [dB(μV/m)] - Results [dB(μV/m)]

\* QP: Quasi-peak

\* ex) Measure Value [QP]

Frequency: 48.906 MHz

Result [dB μ V/m] = 14.4, Reading [dB μ V/m] = 33.7, Antenna factor [dB/m] = 19.8, Loss [dB] = - 39.0, Amp gain [dB] = 0.0

14.4 dB μ V/m = 33.7 dB μ V/m + 19.8 dB/m - 39.0 dB - 0.0 dB

Margin [dB μ V/m] = 24.7, Limit [dB μ V/m] = 39.1, Result [dB μ V/m] = 14.4

24.7 dB μ V/m = 39.1 dB μ V/m - 14.4 dB μ V/m

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## 6.3 Radiated emission (Above 1 GHz)

Test standard	47 CFR FCC Part 15 Subpart B §15.109
Test date	2024.11.06
Test facility	Building A 10 m chamber
Test voltage	AC 120 V, 60 Hz
Temperature	(22.2 ~ 23.1) °C
Relative humidity	(51.4 ~ 52.1) % R.H.
Test result	Complied

### 6.3.1 Measurement procedure

If the EUT is tabletop equipment, it was placed on a non-metal table with a height of 0.1 m above the reference ground plane and 3 m away from the interference receiving antenna in the 10 m chamber. Also if the EUT is floor-standing equipment, it was placed either directly on the reference ground plane or on insulating material as described in ANSI C 63.4 6.3.3.2. Rotate the EUT from (0 - 360)° and position the receiving antenna at heights from (1 - 4) m above the reference ground plane continuously to determine associated with higher emission levels and record them.

The measurement was made in both the vertical and horizontal polarization, and the maximum value is presented in the report. For peak and average detector with 1 MHz RBW were used for above 1 GHz frequency range.

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### 6.3.2 Test equipment used

Equipment	Model	Manufacturer	Serial number	Next cal. date
EMI Test Receiver	ESW44	R&S	101839	2025.05.30
Low Noise Preamplifier	MLA-0108-J02-39	TSJ	20755	2025.05.31
Horn Antenna	BBHA 9120 D	Schwarzbeck	02067	2025.05.31
Controller	CO3000	Innco	45450119	-
Antenna Mast	MA4640-XP-ET	Innco	-	-
Turn Table	-	-	-	-
BAND REJECT FILTER	WRCGV10-2363.5-2400-2483.5-2520-60SS	WAINWRIGHTINSTRUMENTSGMBH	7	2025.04.02
EMI RE Software	EMI-R	TSJ	-	-

\* All test equipment used is calibrated on a regular basis

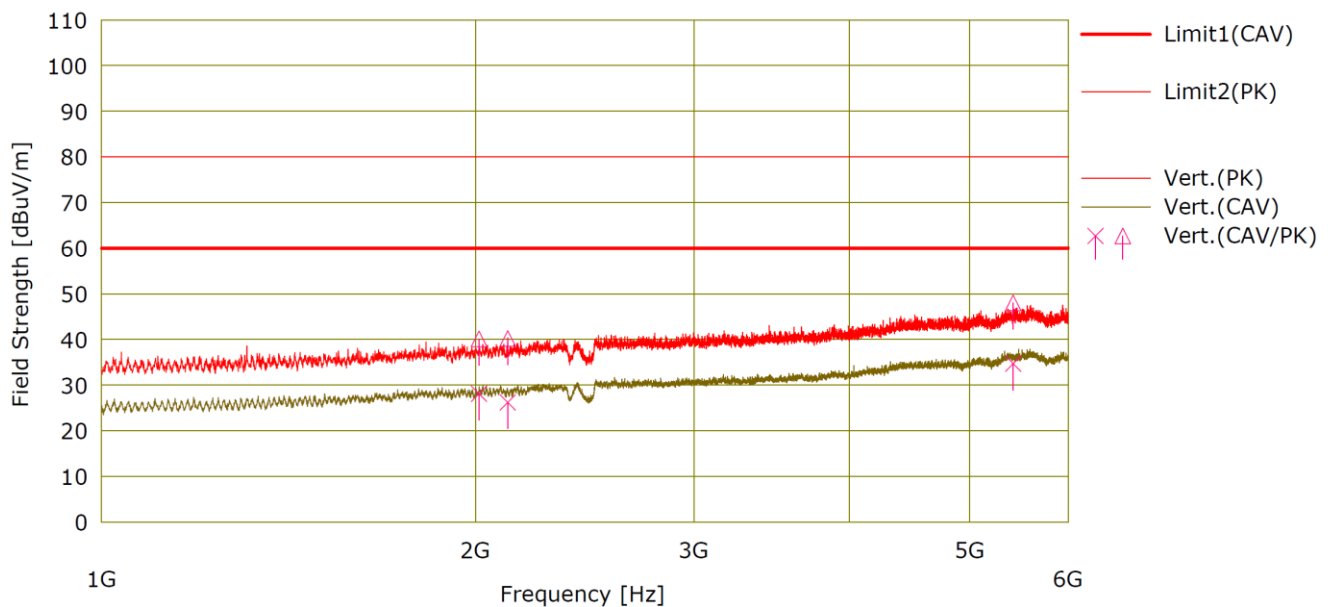
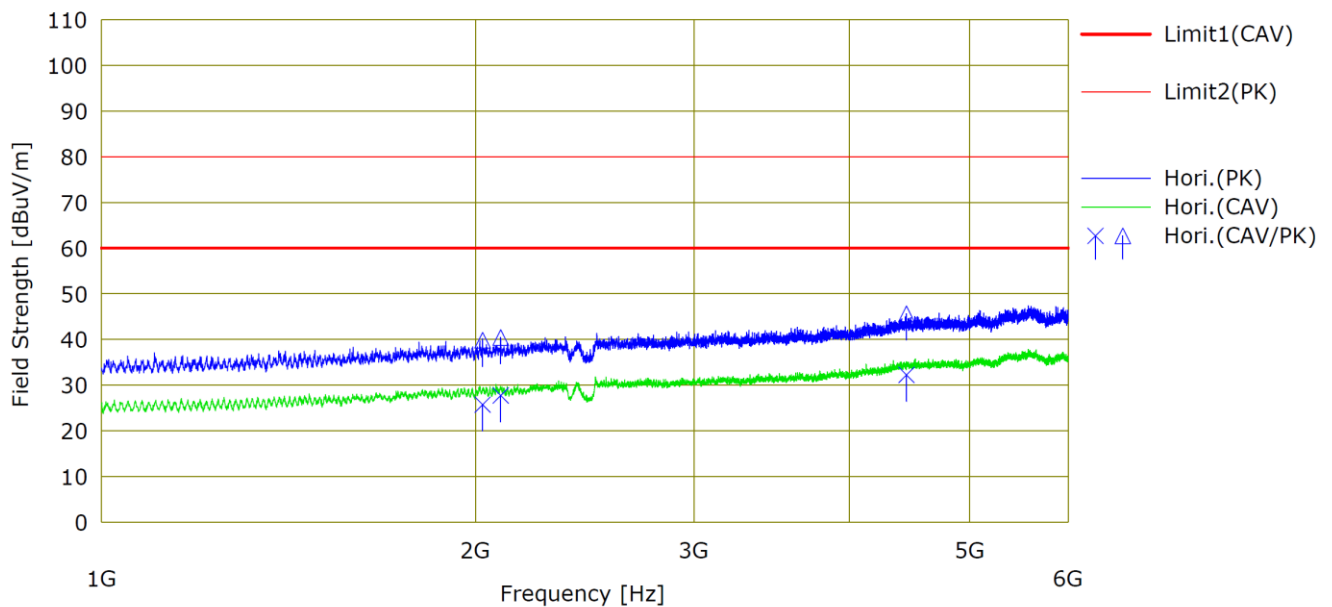
### 6.3.3 Radiated emission limits

Frequency (GHz)	Class A equipment (3 m distance) (dB(μV/m))		Class B equipment (3 m distance) (dB(μV/m))	
	Peak	CISPR Average	Peak	CISPR Average
Above 1	80	60	74	54

#### 6.3.4 Radiated emission test data

[Charge+Operating Mode]

\* Minimum limit margin is 25.3 dB at 5418.664 MHz (Vertical)





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**Test report No.:**  
TREFCC24-0077

<< CAV/PK DATA >>

No.	Freq. [MHz]	Reading		Ant.Fac [dB/m]	Loss [dB]	Gain [dB]	S.Fac [dB]	Result		Limit		Margin		Pola. [H/V]	Height [cm]	Angle [deg]	Ant. Type
		<CAV> [dBuV]	<PK> [dBuV]					<CAV> [dBuV/m]	<PK> [dBuV/m]	<CAV> [dBuV/m]	<PK> [dBuV/m]	<CAV> [dB]	<PK> [dB]				
1	2026.731	33.1	47.2	26.3	-37.2	0.0	3.5	25.7	39.8	60.0	80.0	34.3	40.2	Hori.	400	130	3BHA9
2	2096.035	34.8	47.5	26.5	-37.1	0.0	3.5	27.7	40.4	60.0	80.0	32.3	39.6	Hori.	400	269	3BHA9
3	4446.596	30.2	43.6	30.6	-32.1	0.0	3.5	32.2	45.6	60.0	80.0	27.8	34.4	Hori.	400	51	3BHA9
4	2013.014	35.6	47.6	26.2	-37.2	0.0	3.5	28.1	40.1	60.0	80.0	31.9	39.9	Vert.	100	313	3BHA9
5	2123.119	33.1	47.1	26.5	-37.0	0.0	3.5	26.2	40.2	60.0	80.0	33.8	39.8	Vert.	100	45	3BHA9
6	5418.664	29.5	42.8	31.8	-30.1	0.0	3.5	34.7	48.0	60.0	80.0	25.3	32.0	Vert.	300	224	3BHA9

\* Results [dB( $\mu$ V/m)] = Reading [dB( $\mu$ V)] + Antenna factor [dB/m] - Loss [dB] + S.Fac

\* Loss = Cable loss [dB] - Amp gain [dB]

\* Margin [dB] = Limit [dB( $\mu$ V/m)] - Results [dB( $\mu$ V/m)]

\* PK = Peak, CAV = CISPR Average

\* ex) Measure Value[CAV]

Frequency: 2026.731 MHz

Results [dB  $\mu$  V/m] = 25.7, Reading [dB  $\mu$  V/m] = 33.1, Antenna factor [dB/m] = 26.3, Loss [dB] = 37.2

Amp gain [dB] = 0.0, S.Fac [dB] = 3.5

25.7 dB  $\mu$  V/m = 33.1 dB  $\mu$  V/m + 26.3 dB/m + 37.2 dB - 0.0 dB + 3.5 dB

Margin [dB] = 34.3, Limit [dB  $\mu$  V/m] 60.0, Result [dB  $\mu$  V/m] = 25.7

34.3 dB = 60.0 dB  $\mu$  V/m - 25.7 dB  $\mu$  V/m

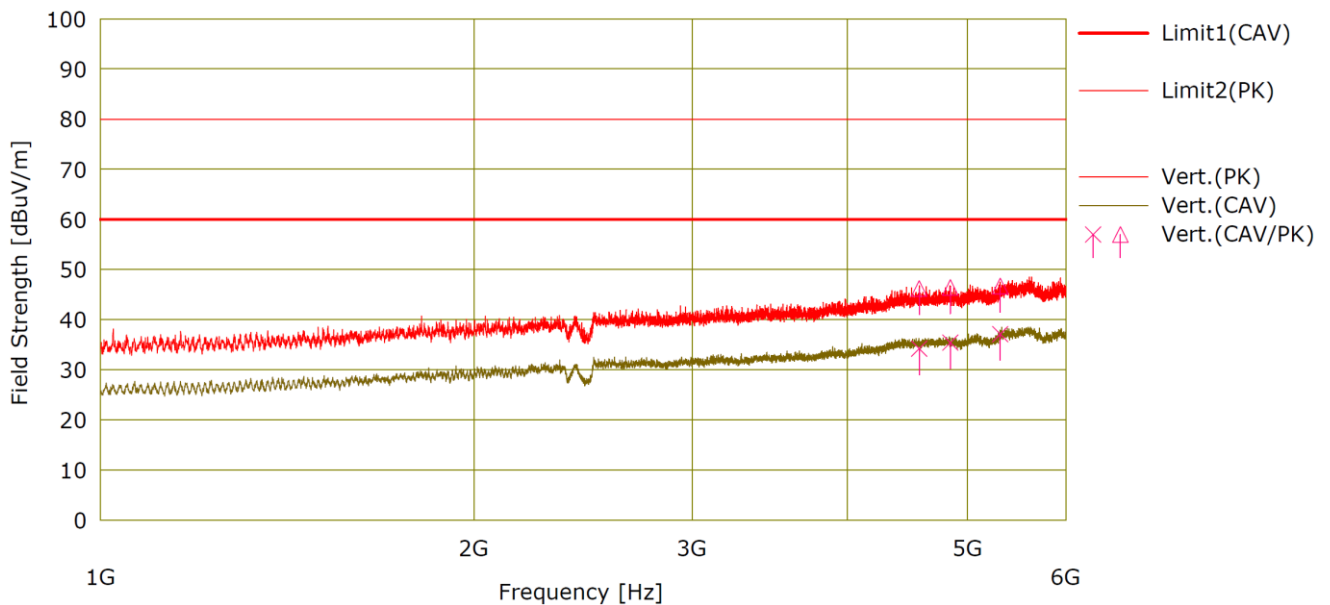
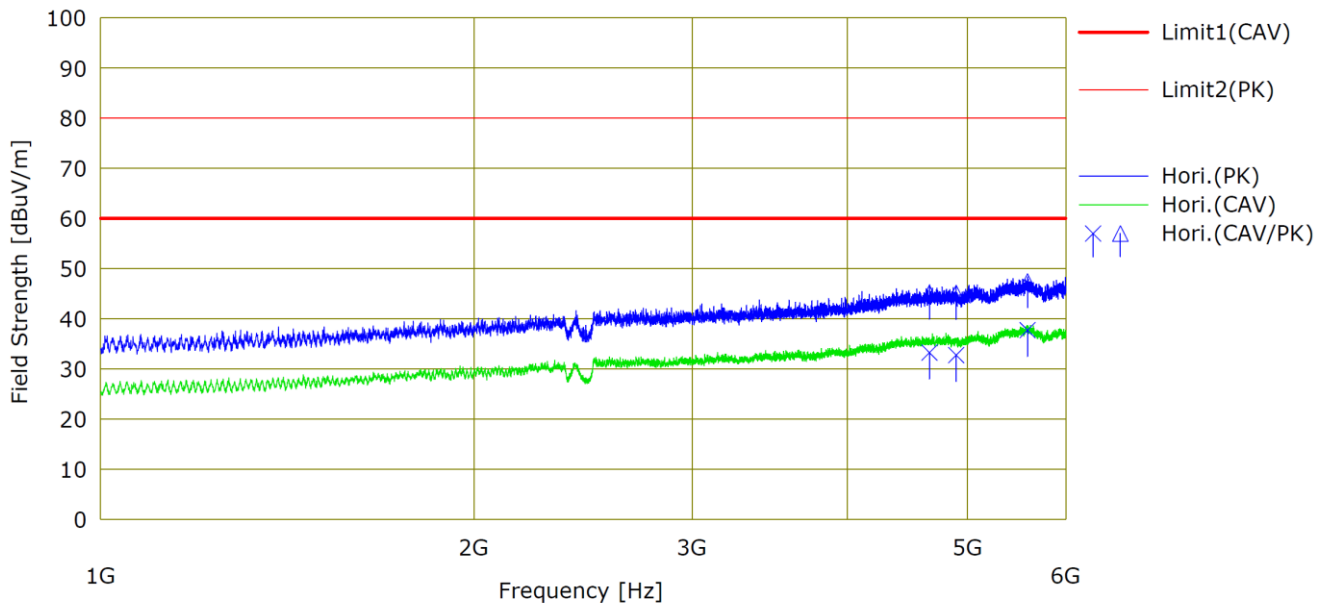


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**Test report No.:**  
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[Normal Mode]

\* Minimum limit margin is 22.3 dB at 5588.523 MHz (Horizontal)





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**Test report No.:**  
TREFCC24-0077

<< CAV/PK DATA >>

No.	Freq. [MHz]	Reading		Ant.Fac [dB/m]	Loss [dB]	Gain [dB]	S.Fac [dB]	Result		Limit		Margin		Pola. [H/V]	Height [cm]	Angle [deg]	Ant. Type
		<CAV>	<PK>					<CAV>	<PK>	<CAV>	<PK>	<CAV>	<PK>				
		[dBuV]	[dBuV]					[dBuV/m]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dB]	[dB]				
1	4658.124	30.6	42.5	31.0	-31.9	0.0	3.5	33.2	45.1	60.0	80.0	26.8	34.9	Hori.	100	239	3BHA9
2	4895.719	29.7	42.1	31.4	-31.9	0.0	3.5	32.7	45.1	60.0	80.0	27.3	34.9	Hori.	200	292	3BHA9
3	5588.523	32.1	41.8	31.9	-29.9	0.0	3.5	37.7	47.4	60.0	80.0	22.3	32.6	Hori.	100	239	3BHA9
4	4570.574	31.8	43.8	30.8	-31.9	0.0	3.5	34.2	46.2	60.0	80.0	25.8	33.8	Vert.	100	356	3BHA9
5	4842.765	32.5	43.5	31.3	-31.9	0.0	3.5	35.4	46.4	60.0	80.0	24.6	33.6	Vert.	100	316	3BHA9
6	5312.386	32.4	42.0	31.7	-30.6	0.0	3.5	37.1	46.7	60.0	80.0	22.9	33.3	Vert.	200	360	3BHA9

\* Results [dB(μV/m)] = Reading [dB(μV)] + Antenna factor [dB/m] + Loss [dB] - Amp gain [dB] + S.Fac

\* Loss = Cable loss [dB]

\* Margin [dB] = Limit [dB(μV/m)] - Results [dB(μV/m)]

\* QP: Quasi-peak , CAV: CISPR Average

\* ex) Measure Value[CAV]

Frequency: 4658.124 MHz

Results [dB μ V/m] = 33.2, Reading [dB μ V/m] = 30.6, Antenna factor [dB/m] = 31.0, Loss [dB] = 31.9

Amp gain [dB] = 0.0, S.Fac [dB] = 3.5

33.2 dB μ V/m = 30.6 dB μ V/m + 31.0 dB/m + 31.9 dB - 0.0 dB + 3.5 dB

Margin [dB] = 26.8, Limit [dB μ V/m] 60.0, Result [dB μ V/m] = 33.2

26.8 dB = 60.0 dB μ V/m - 33.2 dB μ V/m

- END -