

EMC TEST REPORT

Applicant ID TECH

FCC ID WQJ-VP7225

Product VP7225

Brand ID TECH

Model ID72-808HF; ID72-808HFD; ID72-800HF;
ID72-800HFD; ID72-008HF;
ID72-008HFD; ID72-000HF; ID72-000HFD

Report No. EFTA26010166-IE-05-E1V4

Issue Date June 1, 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.

Liu Wei

Prepared by: Liu Wei

Xu Kai

Approved by: Xu Kai

Eurofins TA Technology (Shanghai) Co., Ltd.

Building 3, No.145, Jintang Rd, Pudong Shanghai, P.R.China

TEL: +86-021-50791141/2/3

FAX: +86-021-50791141/2/3-8000

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Version	Revision Description	Issue Date
Rev.0	Initial issue of report.	March 24, 2026
Rev.1	Updated information and description.	May 12, 2026
Rev.2	Updated description.	May 14, 2026
Rev.3	Updated description.	May 20, 2026
Rev.4	Updated description.	June 1, 2026
Note: This revised report (Report No.: EFTA26010166-IE-05-E1V4) supersedes and replaces the previously issued report (Report No.: EFTA26010166-IE-05-E1V3). 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: February 4, 2026 and May 8, 2026 Date of Sample Received: January 26, 2026			
Note: The conformity assessment in this report is based on a direct comparison of the test results with the limits by Eurofins TA Technology (Shanghai) Co., Ltd., without considering measurement uncertainty.			

VP7225 (Report No.: EFTA26010166-IE-05-E1V4; FCC ID: WQJ-VP7225) is a variant model of VP7200 (Report No.: R2301A0064-E1; FCC ID: WQJ-VP7200).

The difference between VP7225 and VP7200 are show in the below table:

	Original	Variant
Product	VP7200	VP7225
Model	ID72-808; ID72-808D; ID72-800; ID72-800D; ID72-008; ID72-008D; ID72-000; ID72-000D	ID72-808HF; ID72-808HFD; ID72-800HF; ID72-800HFD; ID72-008HF; ID72-008HFD; ID72-000HF; ID72-000HFD
LCD changes: Add LCD outside of VP7200 New plastic: Front/back cover outside of VP7200		

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
Post code: 201201
Country: P. R. China
Contact: Xu Kai
Telephone: +86-021-50791141/2/3
Fax: +86-021-50791141/2/3-8000
Website: <https://www.eurofins.com/electrical-and-electronics>
E-mail: Kain.Xu@cpt.eurofinscn.com

2 General Description of Equipment Under Test

2.1 Applicant and Manufacturer Information

Applicant	ID TECH
Applicant address	10721 Walker Street, Cypress, California 90630, United States
Manufacturer	ID TECH TAIWAN Co., Ltd
Manufacturer address	No. 16, Lane 22, GaoQing Rd., YanMei Dist., TaoYuan City 326, Taiwan

2.2 General Information

EUT Description			
Device Type	Movable Device		
Model	ID72-808HF; ID72-808HFD; ID72-800HF; ID72-800HFD; ID72-008HF; ID72-008HFD; ID72-000HF; ID72-000HFD		
Lab internal SN	260115-36-002		
HW Version	Rev.A		
SW Version	v1.00		
Power Rating	DC 5V		
Connecting I/O Port(s)	Please refer to the User's Manual.		
Antenna Type	Internal Antenna		
Frequency	Band	Tx (MHz)	Rx (MHz)
	Bluetooth LE	2400 ~ 2483.5	2400 ~ 2483.5
	NFC	13.56	13.56
Auxiliary test equipment			
PC	Manufacturer: Dell Model: Latitude 3400 (SN : 7VK5ZZ2)		
Earphone	Manufacturer: PHILIPS Model: SHM7110		
Router	Manufacturer: TP-LINK Model: TL-WDR5620		
Note: 1. The EUT is sent from the applicant to Eurofins TA and the information of the EUT is declared by the applicant.			

Model No:	Camera	Ethernet	Others
ID72-808HF; ID72-808HFD; (This two models just have difference key)	YES	YES	All the same
ID72-008HF; ID72-008HFD; (This two models just have difference key)	NO	YES	
ID72-800HF; ID72-800HFD; (This two models just have difference key)	YES	NO	
ID72-000HF; ID72-000HFD (This two models just have difference key)	NO	NO	
The key is a software key which is related to the transaction. The Ethernet has no related components on the PCBA, it is turned on/off by software			

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+ PC + earphone + BLE/NFC Receiver
Mode 2	Adapter + EUT + PC + earphone + BLE/NFC Standby

During the test, the preliminary test was performed in all modes, mode 1 is selected as the worst condition. 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 is placed on a non-metallic table 0.8m above the horizontal metal reference 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

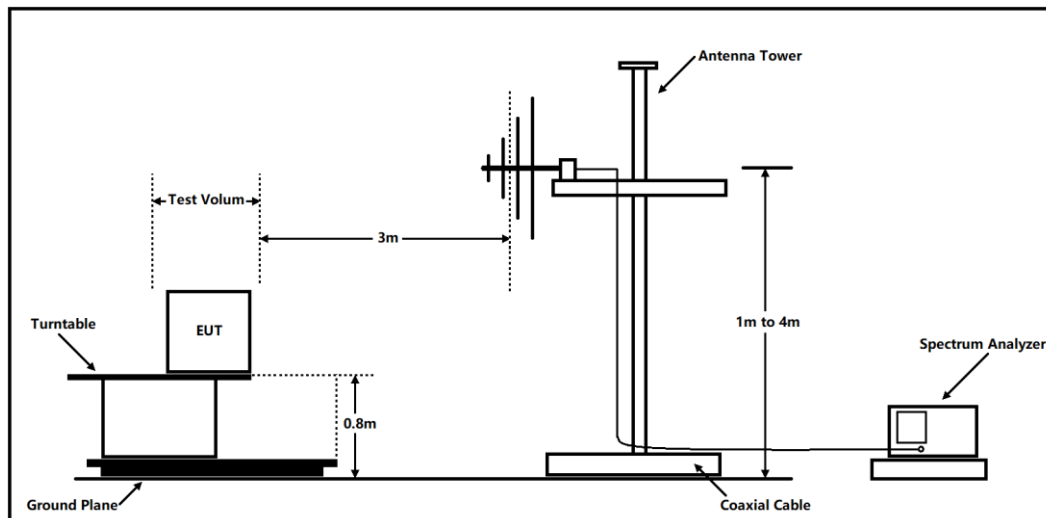
(b) AVERAGE Detector: RBW=1MHz / VBW=3MHz / Sweep=AUTO

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 stand-up position (Z axis) and the worst case was recorded.

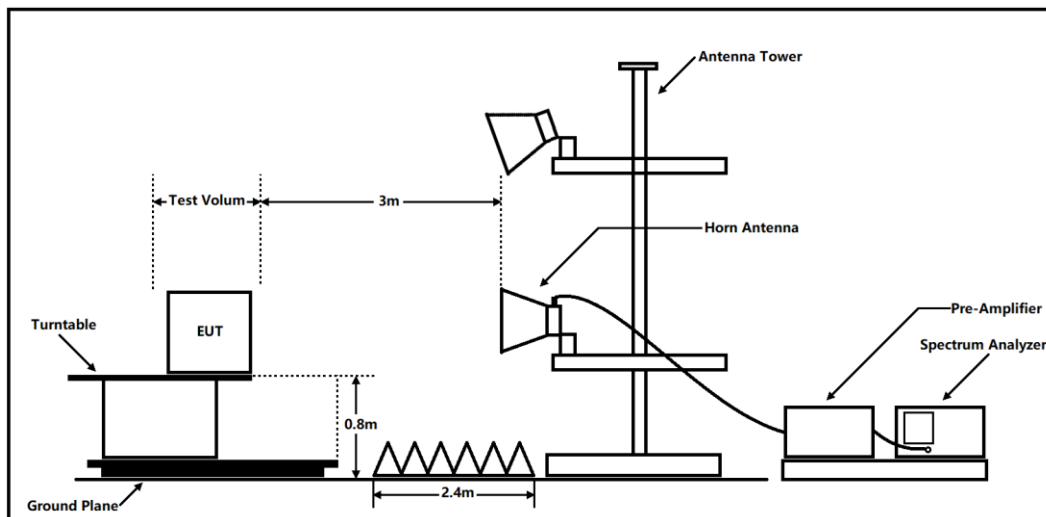
During the test, EUT is connected to a laptop via a USB cable in the case of Transfer Data mode. The EUT is used as the peripheral equipment of the PC. The data is transferred from EUT to PC; PC is connected to server via a long LAN cable.

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

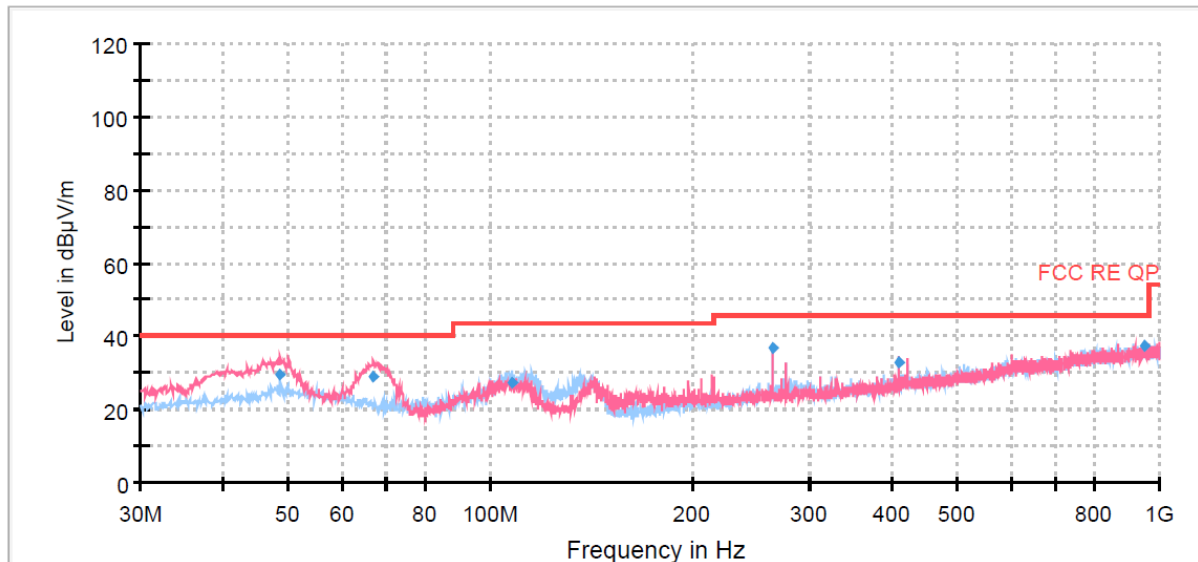
Frequency range of radiated measurements

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 Emissions in the frequency band 18GHz – 26.5GHz is more than 20dB below the limit are not reported.

The following graphs display the maximum values of horizontal and vertical by software.
For above 1GHz, Blue trace uses the peak detection, Green trace uses the average detection.

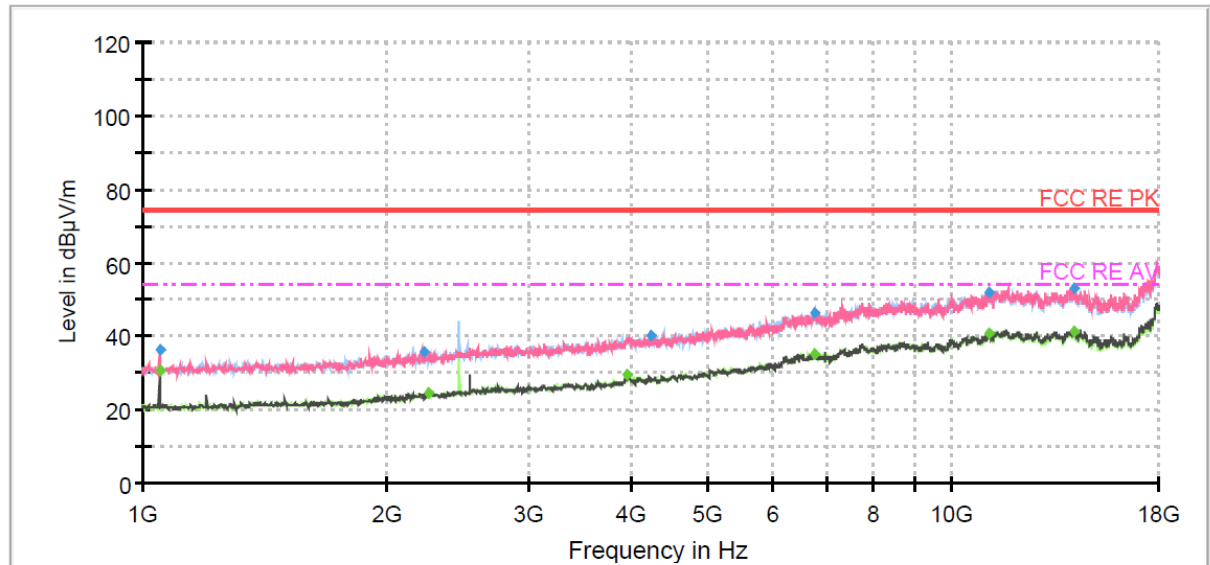


Radiated Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
48.55	29.71	40.00	10.29	100.0	V	248.00	20
66.98	29.06	40.00	10.94	100.0	V	238.00	17
107.96	27.20	43.50	16.30	200.0	H	8.00	18
264.01	36.97	46.00	9.03	100.0	H	35.00	20
408.06	32.90	46.00	13.10	200.0	V	6.00	24
946.41	37.58	46.00	8.42	100.0	H	246.00	32

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

2. Margin = Limit – Quasi-Peak



Radiated Emission from 1GHz 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)
1048.88	---	30.88	54.00	23.12	500.00	100.0	V	190.00	-22
1048.88	36.04	---	74.00	37.96	500.00	100.0	V	190.00	-22
2221.88	35.58	---	74.00	38.42	500.00	100.0	H	4.00	-17
2253.75	---	24.29	54.00	29.71	500.00	200.0	V	122.00	-17
3968.63	---	29.46	54.00	24.54	500.00	200.0	V	90.00	-11
4230.00	40.45	---	74.00	33.55	500.00	100.0	H	324.00	-11
6735.38	46.21	---	74.00	27.79	500.00	200.0	V	17.00	-2
6771.50	---	35.28	54.00	18.72	500.00	100.0	V	82.00	-2
11066.13	51.76	---	74.00	22.24	500.00	100.0	V	175.00	4
11110.75	---	40.59	54.00	13.41	500.00	200.0	V	50.00	4
14096.38	---	41.54	54.00	12.46	500.00	100.0	V	51.00	6
14126.13	53.22	---	74.00	20.78	500.00	100.0	V	347.00	5

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

2. Peak Margin = Limit –MAX Peak/ Average

3.2 Conducted Emission

Ambient Condition

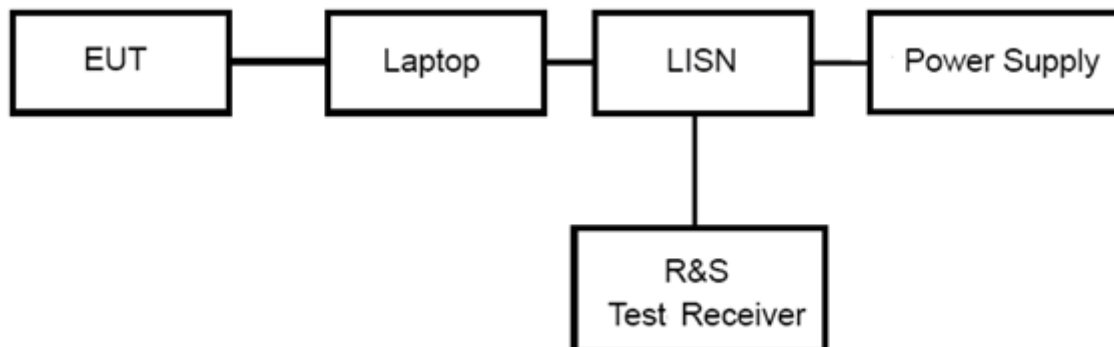
Temperature	Relative humidity
15°C~35°C	30%~60%

Methods of Measurement

The EUT is placed on a non-metallic table of 80cm height above the horizontal metal reference 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.

During the test, EUT is connected to a laptop via a USB cable in the case of Transfer Data mode. The EUT is used as the peripheral equipment of the PC. The data is transferred from EUT to PC; PC is connected to server via a long LAN cable.

Test Setup



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

Limits

Frequency (MHz)	Conducted Limits(dBμV)	
	Quasi-peak	Average
0.15 - 0.5	66 to 56 *	56 to 46 *
0.5 - 5	56	46
5 - 30	60	50
*: Decreases with the logarithm of the frequency.		

Test Results



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]
0.382	26.05	58.24	32.19	21.31	48.24	26.94	20.89	L1	9.000	1.000
1.208	29.29	56.00	26.71	20.27	46.00	25.73	20.01	L1	9.000	1.000
2.270	28.84	56.00	27.16	20.73	46.00	25.27	19.58	L1	9.000	1.000
4.369	25.05	56.00	30.95	19.52	46.00	26.48	19.42	L1	9.000	1.000
7.600	23.46	60.00	36.54	17.50	50.00	32.50	19.41	L1	9.000	1.000
13.862	19.22	60.00	40.78	14.07	50.00	35.93	19.47	L1	9.000	1.000

Remark: Correct factor=cable loss + LISN factor

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]
0.382	25.97	58.24	32.27	21.29	48.24	26.95	20.90	N	9.000	1.000
1.219	29.44	56.00	26.56	20.44	46.00	25.56	20.01	N	9.000	1.000
2.254	28.91	56.00	27.09	20.49	46.00	25.51	19.60	N	9.000	1.000
4.036	25.18	56.00	30.82	19.98	46.00	26.02	19.44	N	9.000	1.000
7.778	22.66	60.00	37.34	16.66	50.00	33.34	19.41	N	9.000	1.000
14.318	18.87	60.00	41.13	13.66	50.00	36.34	19.51	N	9.000	1.000

Remark: Correct factor=cable loss + LISN factor

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
Radiated Emission 18GHz – 26.5GHz	5.92 dB	1.96
Conducted Emission	2.57 dB	2

5 Main Test Instruments

Date of Testing: February 4, 2026

Name of Equipment	Manufacturer	Type/Model	Serial Number	Calibration Date	Expiration Time
Radiated Emission					
EMI Test Receiver	R&S	ESCI3	100948	2025-05-07	2026-05-06
Signal Analyzer	R&S	FSV40	101186	2025-05-06	2026-05-05
TRILOG Broadband Antenna	SCHWARZBECK	VULB 9163	1023	2023-07-14	2026-07-13
Horn Antenna	SCHWARZBECK	BBHA 9120D	430	2024-07-18	2027-07-17
Amplifier	R&S	SCU18	10034	2025-05-06	2026-05-05
Software	R&S	EMC32	9.26.01	/	/

Date of Testing: May 8, 2026

Name of Equipment	Manufacturer	Type/Model	Serial Number	Calibration Date	Expiration Time
Conducted Emission					
Artificial main network	R&S	ENV216	102191	2025-11-24	2026-11-23
EMI Test Receiver	R&S	ESR	101667	2026-04-20	2027-04-19
Software	R&S	ELEKTRA	5.02.1	/	/

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

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.