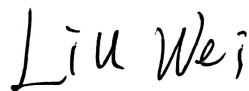


EMC TEST REPORT

Applicant Cefla S.C.
FCC ID 2BFTG-CEFLA
Product Intraoral Scanner
Brand Myray; NewTom; CASTELLINI
Model MyScan Air; ViSIOScan Go;
AlphaScan 3; OptiScan 3
Report No. EFTA26070337-IE-01-E1V1
Issue Date September 9, 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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Version	Revision Description	Issue Date
Rev.0	Initial issue of report.	August 26, 2026
Rev.1	Update description.	September 9, 2026
Note: This revised report (Report No.: EFTA26070337-IE-01-E1V1) supersedes and replaces the previously issued report (Report No.: EFTA26070337-IE-01-E1). 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: July 31, 2026 ~ August 2, 2026			
Date of Sample Received: July 24, 2026			
Note:			
1. 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.			

MyScan Air; ViSIOScan Go; AlphaScan 3; OptiScan 3 (FCC ID: 28FTG-CEFLA) is a variant model of S300W (FCC ID: 2A8SG-S300W).

1. Differences among MyScan Air, ViSIOScan Go, AlphaScan 3, and OptiScan 3

The models **MyScan Air**, **ViSIOScan Go**, **AlphaScan 3**, and **OptiScan 3** are identical in terms of design, intended use, operating principle, technical specifications, materials, software, and performance.

The only differences among these four models are:

- Product model name;
- Product labeling/printing (silkscreen markings);
- Button color.

2. Differences between MyScan Air, ViSIOScan Go, AlphaScan 3, OptiScan 3 and S300W

Compared with model **S300W**, the models **MyScan Air**, **ViSIOScan Go**, **AlphaScan 3**, and **OptiScan 3** differ only in the following aspects:

- The scanner buttons are different in appearance. The buttons on MyScan Air, ViSIOScan Go, AlphaScan 3, and OptiScan 3 are made of silicone material;
- The charging holder has a slightly modified external appearance;
- The bottom appearance of the handheld scanner has been slightly modified.
- The capacitor has been switched from the super capacitor (U23, Version D) to 4 polymer solid tantalum capacitors (C194-C197, Version E), and the corresponding supporting circuitry for the capacitors has been adjusted.
- The power IC has been switched from TPS63030 (U15, Version D) to the same series TPS63000 (U15, Version E), increasing the maximum output current from 800mA to 1200mA.

Considering 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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E-mail: Kain.Xu@cpt.eurofinscn.com

2 General Description of Equipment Under Test

2.1 Applicant and Manufacturer Information

Applicant	Cefla S.C.
Applicant address	40026 Imola BO, Italy Via Selice Provinciale 23/A
Manufacturer	Cefla S.C.
Manufacturer address	40026 Imola BO, Italy Via Selice Provinciale 23/A

2.2 General Information

EUT Description			
Device Type	Portable Device		
Model	MyScan Air; ViSIOScan Go; AlphaScan 3; OptiScan 3		
Lab internal SN	260724-13-001		
HW Version	F		
SW Version	1.0		
Power Rating	DC 3.6V from battery or DC 12V from Adapter.		
Connecting I/O Port(s)	Please refer to the User's Manual.		
Antenna Type	Internal Antenna		
Frequency	Band	Tx (MHz)	Rx (MHz)
	Wi-Fi 5G (U-NII-1)	5150 ~ 5250	5150 ~ 5250
	Wi-Fi 5G (U-NII-3)	5725 ~ 5850	5725 ~ 5850
EUT Accessory			
Adapter	Manufacturer: DONGGUAN SHILONG FUHUA ELECTRONIC CO., LTD. Model: UES24LCP-120200SPA Input: 100-240V~50/60Hz 500mA Output: 12.0V  2.0A 24.0W		
Battery	Manufacturer: Shenzhen Ryder Electronics Co., Ltd. Model: Li-18650-3.6V 3400mAh -PCM-NTC DC 3.6V, 3400mAh		
Auxiliary Test Equipment			
PC	PC Manufacturer: DELL Model: 0000053 (SN: 7ZX7R93)		
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 + Charge base + EUT +Charging

Test Type	Test Mode	Worst Mode
Radiated Emission	Mode 1	Mode 1
Conducted Emission	Mode 1	Mode 1
During the test, the preliminary test was performed in all modes, 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 10 meters below 1GHz; 3 meters for above 1GHz. 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

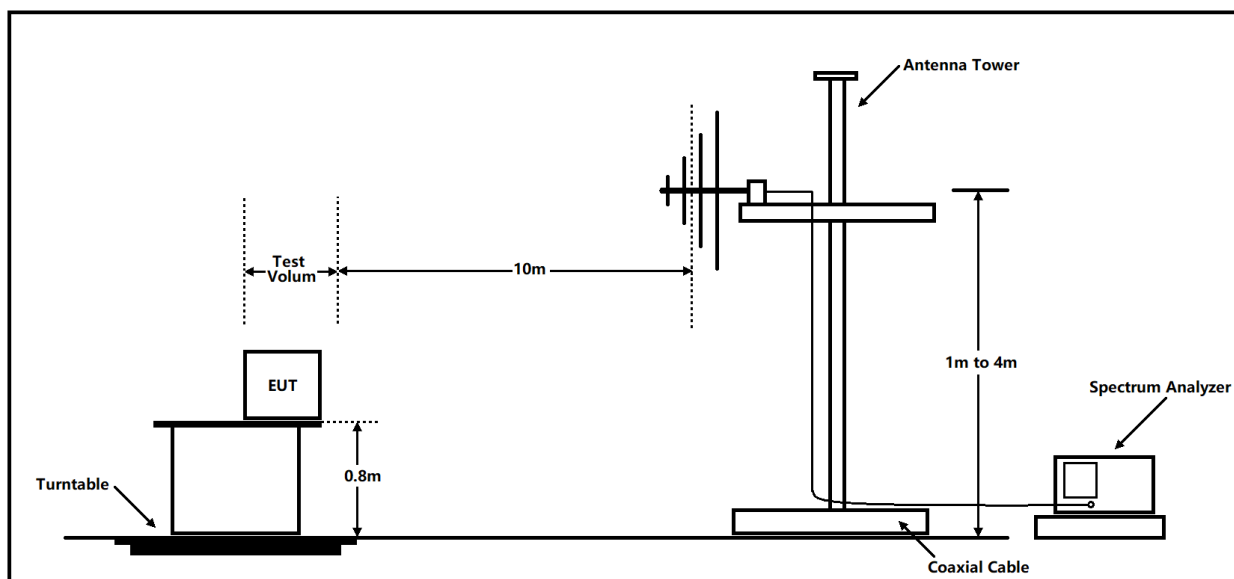
(b) AVERAGE Detector: RBW=1MHz / VBW=3MHz / Sweep=AUTO

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

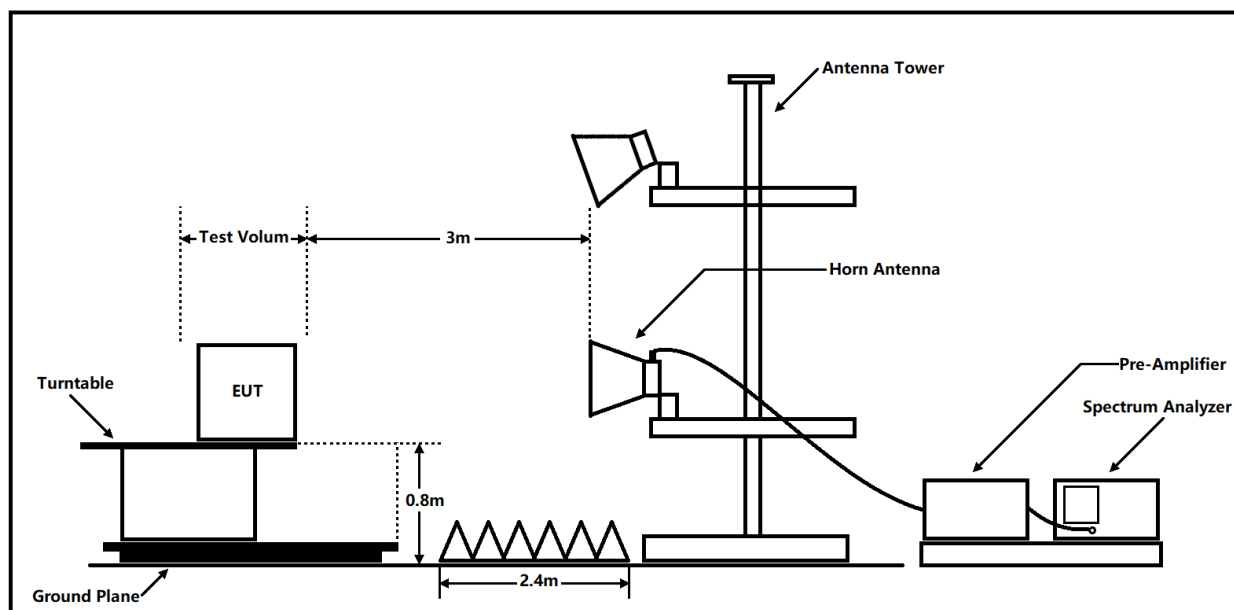
Below 1GHz

Distance 10m



Note: Area side: 21m x 12m

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	30.0	Quasi-peak
88-216	33.5	Quasi-peak
216 – 960	36.0	Quasi-peak
960-1000	44.0	Quasi-peak
1000-5 th harmonic of the highest frequency or 40GHz, which is lower	54 74	Average Peak

Frequency range of radiated measurements

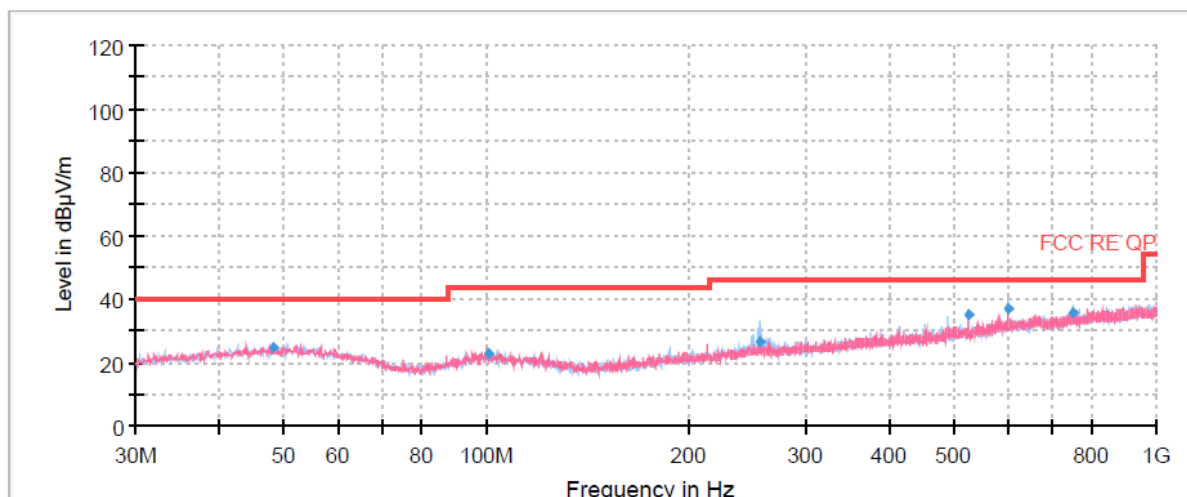
Highest frequency generated or used in the device or on which the device operates or tunes (MHz)	Upper frequency of measurement range (MHz)
Below 1.705	30
1.705-108	1000
108-500	2000
500-1000	5000
Above 1000	5th harmonic of the highest frequency or 40 GHz, whichever is lower.

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 – 40GHz is more than 20dB below the limit are not reported.

The following graphs display the maximum values of horizontal and vertical by software.

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



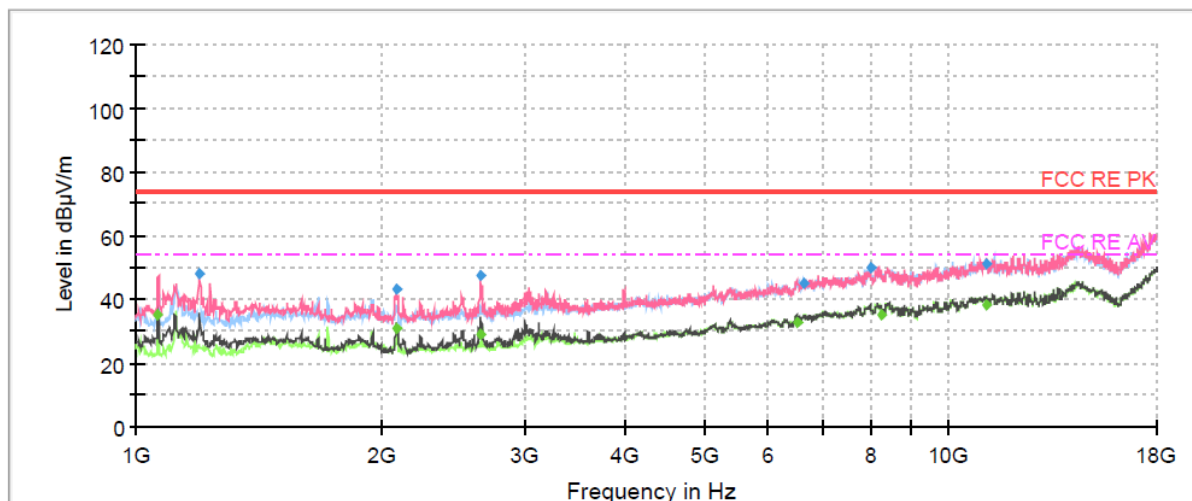
Radiated Emission from 30MHz to 1GHz

Final Result

Frequency (MHz)	QuasiPeak (dB $\mu\text{V}/\text{m}$)	Limit (dB $\mu\text{V}/\text{m}$)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
48.19	24.49	40.00	15.51	1000.00	101.0	H	149.00	20
100.93	22.70	43.50	20.80	1000.00	100.0	H	0.00	19
256.86	26.19	46.00	19.81	1000.00	100.0	H	298.00	20
525.06	35.23	46.00	10.77	1000.00	175.0	H	296.00	26
600.00	37.04	46.00	8.96	1000.00	175.0	H	280.00	27
750.10	35.41	46.00	10.59	1000.00	109.0	H	230.00	29

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

2. Margin = Limit – Quasi-Peak



Radiated Emission from 1GHz 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)
1063.75	---	34.91	54.00	19.09	1000.00	192.0	V	28.00	-23
1195.50	47.78	---	74.00	26.22	1000.00	175.0	V	342.00	-22
2090.13	43.10	---	74.00	30.90	1000.00	100.0	V	348.00	-19
2094.38	---	30.47	54.00	23.53	1000.00	100.0	V	352.00	-19
2657.50	---	29.02	54.00	24.98	1000.00	100.0	V	0.00	-15
2657.50	47.39	---	74.00	26.61	1000.00	110.0	V	0.00	-15
6510.13	---	32.40	54.00	21.60	1000.00	110.0	H	13.00	-4
6637.63	45.09	---	74.00	28.91	1000.00	224.0	H	10.00	-4
7999.75	49.77	---	74.00	24.23	1000.00	100.0	V	10.00	0
8259.00	---	35.33	54.00	18.67	1000.00	224.0	H	10.00	0
11091.63	50.79	---	74.00	23.21	1000.00	175.0	V	148.00	2
11108.63	---	38.22	54.00	15.78	1000.00	125.0	V	83.00	2

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

3.2 Conducted Emission

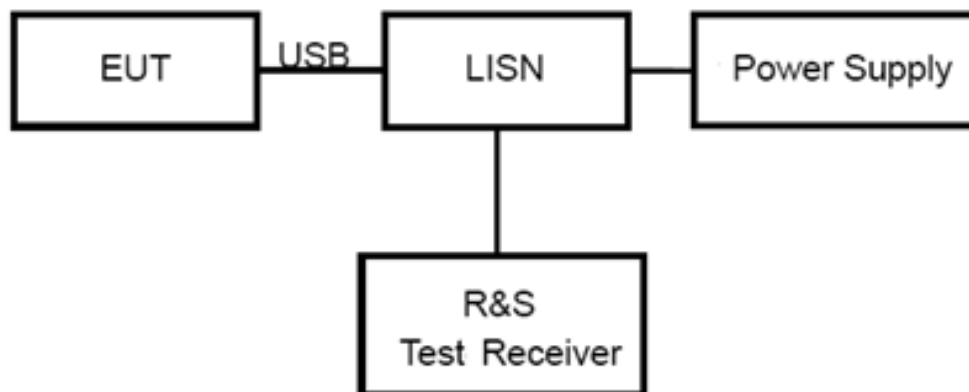
Ambient Condition

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

Methods of Measurement

The EUT 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.

Test Setup



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

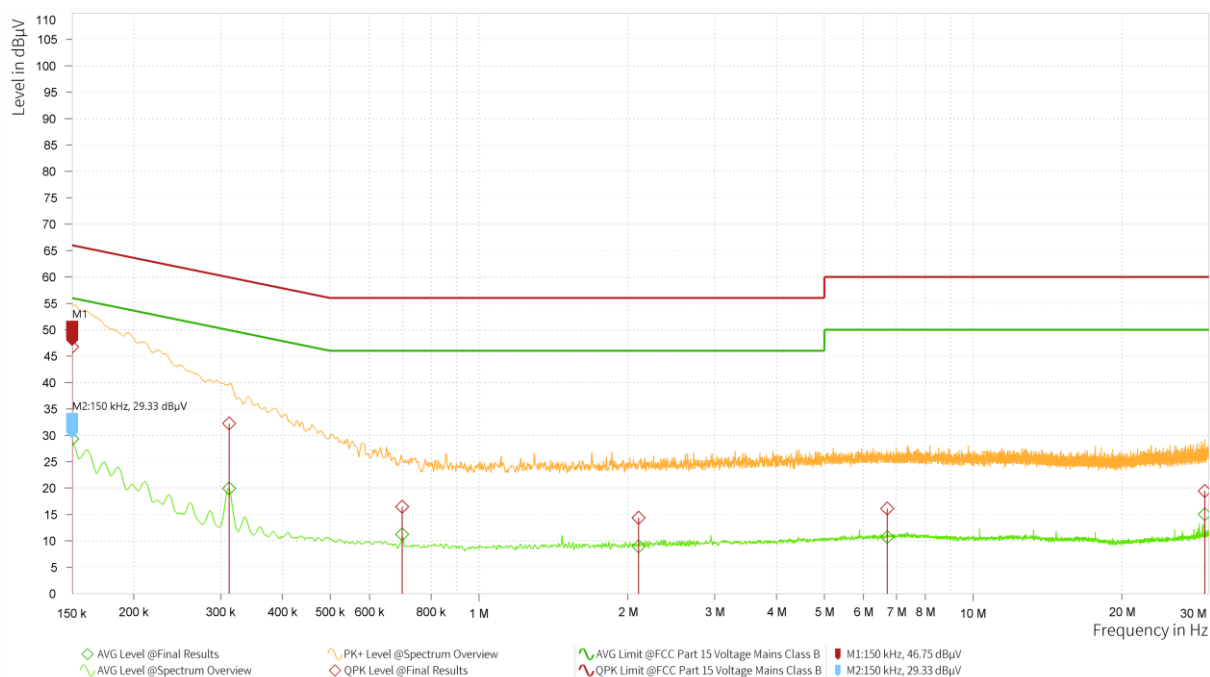
Limits

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



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]
0.150	46.75	66.00	19.25	29.33	56.00	26.67	21.24	L1	9.000	1.000
0.312	32.24	59.92	27.67	19.92	49.92	30.00	21.26	L1	9.000	1.000
0.699	16.47	56.00	39.53	11.22	46.00	34.78	20.93	L1	9.000	1.000
2.103	14.38	56.00	41.62	8.97	46.00	37.03	19.98	L1	9.000	1.000
6.700	16.12	60.00	43.88	10.72	50.00	39.28	19.71	L1	9.000	1.000
29.459	19.46	60.00	40.54	15.04	50.00	34.96	20.17	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]
0.152	46.70	65.88	19.18	30.11	55.88	25.76	21.16	N	9.000	1.000
0.314	33.10	59.86	26.76	20.73	49.86	29.13	21.21	N	9.000	1.000
0.701	16.57	56.00	39.43	11.05	46.00	34.95	20.91	N	9.000	1.000
2.409	14.61	56.00	41.39	9.29	46.00	36.71	19.88	N	9.000	1.000
7.206	16.12	60.00	43.88	10.87	50.00	39.13	19.72	N	9.000	1.000
29.459	19.56	60.00	40.44	15.18	50.00	34.82	20.22	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	3.4 dB	2
Radiated Emission 200MHz – 1GHz	3.8 dB	2
Radiated Emission 1GHz – 18GHz	6.5 dB	2
Radiated Emission 18GHz – 40GHz	6.3 dB	2
Conducted Emission	2.6 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	ESCI3	100948	2026-04-20	2027-04-19
Signal Analyzer	R&S	FSV40	101186	2026-04-21	2027-04-20
TRILOG Broadband Antenna	SCHWARZBECK	VULB 9163	371	2025-10-26	2028-10-25
Horn Antenna	SCHWARZBECK	BBHA 9120D	430	2024-07-18	2027-07-17
Amplifier	R&S	SCU18F	101022	2026-04-20	2027-04-19
Software	R&S	EMC32	9.26.01	/	/
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	/	/

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 *****