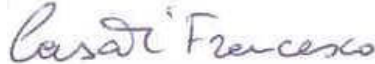


RF TEST REPORT

Test Report No:	24-4791132400-4-1-1-RAD-A	
UL Project No:	4791132400	
Date of issue:	2025-01-24	
Total number of pages:	47	
Applicant:	SECO S.p.A. Via Achille Grandi, 20 52100 Arezzo (AR) – Italy	
Contact's person:	Giacomo Martini (giacomo.maritni@seco.com) Alessandro Savelli (alessandro.savelli@seco.com)	
Testing Laboratory:	UL International Italia S.r.l. Via delle Industrie, 6 (Sede A) 20061 Carugate (MI) – Italy	
Testing location:	UL International Italia S.r.l. Via delle Industrie, 6 20061 Carugate (MI) – Italy	
Test specification:		
Regulations:	FCC/ISED	
Standards:	FCC CFR 47 - Part 15 Subpart C RSS-247 Issue 3:2023 RSS-Gen Issue 5:2021	
Non-standard test method:	N/A	
Scope of testing:	Wireless - New testing	
TRF No.:	TRF_FCC 15C/RSS-247_Accredia_rev 0	
Test Report Form(s) Originator:	UL International Italia S.r.l.	
Master TRF	2023-03 .	
Compiled by: (name, function, signature)	Andrea Giovanni Galbiati Laboratory Engineer	
Approved by: (name, function, signature)	Francesco Casati Operations Leader	
General disclaimer: The test results presented in this test report relate only to the object tested, not selected by UL International Italia S.r.l.. This report shall not be reproduced, except in full, without the written approval of the issuing Testing Laboratory. This document contains data (of information) using color and if printed, should be printed in color to retain legibility and the information represented by the color.		
Declination of responsibility: Data provided by the customer are clearly identified with (*). UL International Italia S.r.l. cannot be considered responsible for this information, for any other document sent by the Applicant/Manufacturer and for any difference between the software version present in the tested sample and that present in the object intended for final sale. In some cases, the software in the tested sample is in a version dedicated exclusively to the test, and therefore does not represent the software installed in the final version of the product.		

Test Item Description:	Health station
Trade Mark: (*)	 TechnoGym
Manufacturer: (*)	Technogym S.p.A. Via Calcinaro, 2861 47521 Cesena (FC) – Italy
Model/Type reference: (*)	E030AR0
Ratings: (*)	100-240 Vac; 1.0-0.5 A; 50/60 Hz
Testing:	
Type of equipment considered in the present document:	☐ Non-radio product ☐ Non-radio product combined with one radio technology ☐ Non-radio product combined with more radio technologies, only capable of independent transmission ☒ Non-radio product combined with more radio technologies, capable of simultaneous transmission ☐ Radio product with one radio technology ☐ Radio product with more radio technologies, only capable of independent transmission ☐ Radio product with more radio technologies, capable of simultaneous transmission
Date of receipt of test item:	2024-02-19
UL Sample Tag No.:	6773319
Status of sample upon receipt:	☒ New and operational ☐ Reconditioned ☐ Damaged
Date(s) of performance of tests:	2024-03-14 to 2024-03-20
Name and address of factory(ies): (*)	Technogym S.p.A. Via Calcinaro, 2861 47521 Cesena (FC) – Italy
General remarks: A cross ☒ in a rectangular shape means that this option is applied. ☒ Indicates that the listed condition, standard or equipment is applicable for this report. ☐ Indicates that the listed condition, standard or equipment is not applicable for this report. Throughout this report a ☐ comma / ☒ point is used as decimal separator. Where not otherwise specified or communicated in writing, statements of conformity (e.g. Pass/Fail) are established according to the following decision rule: considering that the applied test standards take measurement uncertainty into account, acceptance limit equals the tolerance limit (simple acceptance). This leads to a maximum 50% of false accept or false reject when the measured value equals the tolerance limit. See ILAC-G8:09/2019 for further details.	

General product information: (*)

The Technogym Health represents an additional input point to further shape the Technogym personalized wellness journey.

It would allow to: collect additional users' health and fitness data needed to validate training program results, provide efficient and high-quality personalized training, increase Technogym's community, user motivation, health insights and retention. It would also represent a marketing tool to help the operator collecting new leads

Document history

Test Report No.	Reason for change	Date of issue
24-4791132400-4-1-0-RAD-A	Original release	2024-04-02
24-4791132400-4-1-1-RAD-A	Name of module (section 1.1) updated	2025-01-24

NOTE: New test report issue cancels and replaces the previous one.

Laboratory Accreditation

FCC Accredited Test Firm

Accreditation	MRA	Designation Number	Expiration Date
Ministero delle Sviluppo Economico- Direzione Generale Pianificazione e Gestione dello Spettro Radioelettrico <u>Scope:</u> - Unintentional Radiators - FCC Part 15 Subpart B - Industrial, Scientific, and Medical Equipment - FCC Part 18 - Intentional Radiators - FCC Part 15 Subpart C	US-EU	IT0010	2025-06-25

ISED Wireless Device Testing Laboratory

Company Number	CAB Identifier	Scope/Recognition Date	Expiration Date
UL INTERNATIONAL ITALIA S.R.L.	IT0008	RSS-GEN (2023-10-06) RSS-247 (2023-10-06)	RECOGNIZED UNTIL: 2025-06-16 ACCREDIA ISO/IEC 17025:2017 Expires: 2025-06-16

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1 Test Item Description

Serial number: (*)	E30BR023080001					
Date of production: (*)	NIA					
Ports: (*)	Port name and description	Cable				
		Specified length(m)	Attached during test	Shielded		
	AC Mains	< 3	☒	☐		
	2 x USB type-A 2.0	< 3	☐	☐		
	Serial Port	< 3	☐	☐		
	Ethernet	> 3	☐	☐		
Supplementary information to the ports:	---					
Rated power supply: (*)		Voltage and frequency	Reference poles			
			N	L1	L2	L3
	☒	AC: 100-240V 50/60 Hz	☒	☒	☐	☐
	☐	DC:				
Working frequencies: (*)	32.768 kHz (RTC); 125 MHz (ETH Physical); 24MHz (USB); 74 MHz (LVDS spreaded) 2.4 GHz (Wi-Fi & BT) 5 GHz (Wi-Fi)					
Environment of intended use: (*)	☒	Household / Residential				
	☐	Professional / Commercial / Light-industrial				
	☐	Industrial				
	☐	Professional healthcare facility (only for ME)				
	☐	Home healthcare (only for ME)				
	☐	Special (only for ME)				
	☐	Road and Street				
	☐	Automotive				
Other parameters: (*)	NIA					
Firmware/Software version (original): (*)	40.15.2.5 + UnityTestApp_1.6					
Firmware/Software version (used for testing): (*)	40.15.2.5 + UnityTestApp_1.6					
Hardware version: (*)	NIA					
Mounting position: (*)	☐	Table top equipment				
	☐	Wall/Ceiling mounted equipment				
	☒	Floor standing equipment				
	☐	Hand-held equipment				
	☐	Other:				
Dimensions in cm (W x H x D): (*)	58 x 179 x 62					

Modules/parts: (*)	Module/parts of test item		Type	Manufacturer
	---		---	---
Operating modes:	No.	Operating mode of test item		
	1	Continuous transmission on WLAN technology at the mid channel, Protocol 802.11ax, Bandwidth=20 MHz, power set at 15		
	2	Continuous transmission on WLAN technology at the mid channel, Protocol 802.11g, Bandwidth=20 MHz, power set at 15		
	3	Continuous transmission on WLAN technology at the mid channel, Protocol 802.11n, Bandwidth=40 MHz, power set at 15		
	4	Continuous transmission on WLAN technology at the low channel, Protocol 802.11ax, Bandwidth=20 MHz, power set at 15		
	5	Continuous transmission on WLAN technology at the top channel, Protocol 802.11ax, Bandwidth=20 MHz, power set at 15		
	6	Continuous transmission on WLAN technology at the low channel, Protocol 802.11g, Bandwidth=20 MHz, power set at 15		
	7	Continuous transmission on WLAN technology at the top channel, Protocol 802.11g, Bandwidth=20 MHz, power set at 15		
	8	Continuous transmission on WLAN technology at the low channel, Protocol 802.11b, Bandwidth=20 MHz, power set at 15		
Supplemental information to the operating mode:	---			
Auxiliary equipment (AuxEq): <i>Peripheral equipment that is part of the system under test</i>	Description	Manufacturer	Type	
	---	---	---	
Associated equipment (AE): <i>Equipment that is not part of the system under test but needed to exercise and/or monitor the EUT</i>	Description	Manufacturer	Type	
	---	---	---	
Documents as provided by the applicant: (*)	Description	File name	Issue date	
	---	---	---	
Modifications to the test item during testing:	Maximum power setting reduced from 24 to 15 (via software)			

Copy of marking plate: (*)

**Technogym S.p.A. Via Calcinaro 2861, 47521 Cesena (FC) - Italy**
Made in Italy**TECHNOGYM CHECKUP****Model: E030AR0****Contains FCC IDs: 2ALZB-AS2DTGM, 2ARDN0615D, O6R3153****Contains ICs: 22688-AS2DTGM, 24364-0615D, 3797A-3153****100 - 240Vac 1.0 - 0.5A 50/60Hz****Maximum User's Weight: 300kg****Fuse: F 3.15A 250Vac****Information Technology Equipment: 59EA****Item Code: E030ARNR20****S/N E030AR024000001 03/24**

1.1 Additional information of radio module (*)

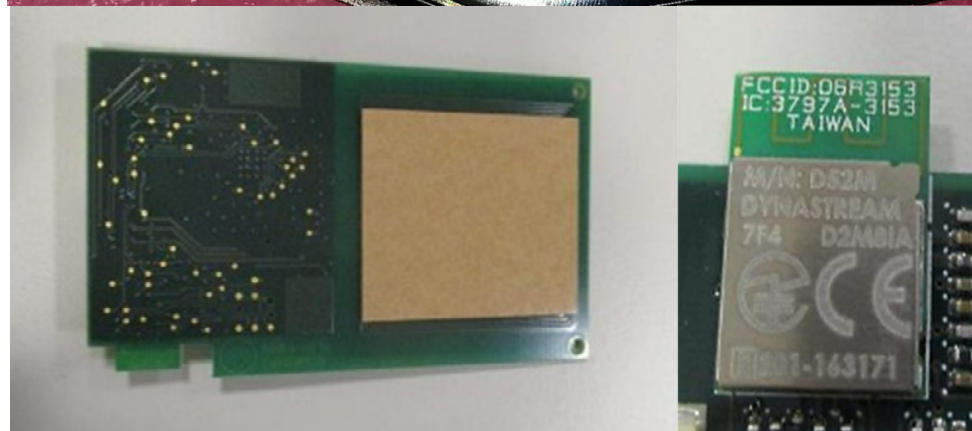
Producer :	SECO (contains Murata module)
Module name	AS2DTGM
Frequency range :	2400 – 2483.5 MHz ; 5000 MHz (Wi-Fi 2.4 GHz b/g/n) 5200 ; 5400 ; 5800 MHz (Wi-Fi 5GHz a) 5000 MHz (Wi-Fi 5 GHz ac) 2400 – 2483.5 MHz ; 5GHz (Wi-Fi 2.4 & 5 GHz ax) 2400 – 2483.5 (Bluetooth 5.3)
FCC ID :	2ALZB-AS2DTGM
IC ID :	22688-AS2DTGM
Antenna :	External antennas.



2 Key Features

- NXP 88W9098 inside
- Supports IEEE 802.11a/b/g/n/ac/ax specification: Dual band 2.4 GHz and 5 GHz
- MIMO with 20 MHz, 40 MHz, and 80 MHz channels
- Up to MCS11 data rates (1200 Mbps)
- Supports Bluetooth specification version 5.3
- For supported Bluetooth functions, refer to [Bluetooth SIG site](#) 
- WLAN interface: PCIe 2.0 and SDIO 3.0
- Bluetooth interface: HCI UART and PCM
- Dimensions: 19.1 x 16.5 x 2.1 mm
- Weight: 1355 mg
- MSL: 3
- Surface-mount type
- RoHS compliant
- B10 life: 13 years, B1 life: 10 years
(Wear-out failure with 20°C daily ambient room temperature change)
- Fit: 140.36 (Accidental failure)

Producer :	Electronica GF S.r.l. & Dynastream innovations Inc.
Module name :	061F & D52M
Frequency range :	13.56 MHz (RFID) & 2402 MHz ÷ 2480 MHz (BLE)
FCC ID :	2ARDN0615D & O6R3153
IC ID:	24364-0615D & 3797A-3153
Antenna :	Integrated antenna.



2 Verdict summary section

Standard clause		Description	Accreditation	Verdict	Note
FCC	ISED				
15.203	RSS-Gen 6.8	Antenna requirements	Accredia	N/P	1
15.207	RSS-Gen 8.8	AC power-line conducted emissions	Accredia	N/P	1
15.209 15.247(d)	RSS-Gen 6.13 RSS-Gen 8.9 RSS-Gen 8.10	Radiated emissions & restricted bands emissions	Accredia	P	
15.247(a)(1)	RSS-247 5.1	20 dB emission bandwidth	Accredia	N/P	1
15.247(a)(1)	RSS-247 5.1(b)	Carrier frequency separation	Accredia	N/P	1
15.247(a)(1)(iii)	RSS-247 5.1(d)	Quantity of hopping channels	Accredia	N/P	1
15.247(a)(1)(iii)	RSS-247 5.1(d)	Time of occupancy (dwell time)	Accredia	N/P	1
15.247(a)(2)	RSS-247 5.2(a)	6 dB emission bandwidth	Accredia	N/P	1
---	RSS-Gen 6.7	99% emission bandwidth	Accredia	N/P	1
15.247(b)(1) 15.247(b)(3) 15.247(b)(4)	RSS-247 5.4(b) RSS-247 5.4(d) RSS-247 5.4(f)	Maximum peak conducted output power	Accredia	N/P	1
15.247(d)	RSS-247 5.5	Band edge	Accredia	P	
15.247(e)	RSS-247 5.2(b)	Power spectral density	Accredia	N/P	1
Test method: ANSI C63.10-2013 / ANSI C63.10-2020 Test guide: FCC/KDB-558074 D01 15.247 Meas Guidance v05r02 Notes: 1. Not required by the Applicant.					

Possible test case verdicts:

Test case not performed: N/P

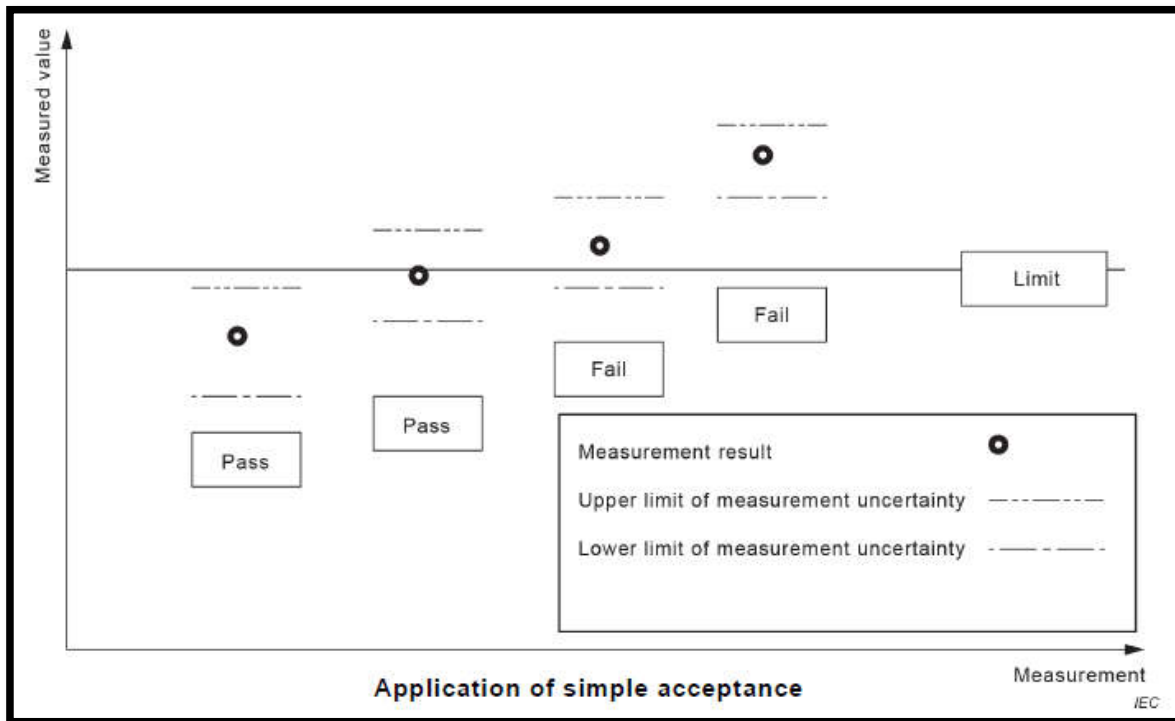
Test case does not apply to test object: N/A

Test object does meet requirement: Pass (P)

Test object does not meet requirement: Fail (F)

3 Conformity decision rule

Determining compliance shall be based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.



4 Formulas used

☐ Disturbance voltage

$$V \text{ (dB}\mu\text{V)} = V \text{ receiver (dB}\mu\text{V)} + \text{Correction (dB)}$$

where:

$$\text{Correction (dB)} = \text{I.L. transducer (dB)} + \text{I.L. cable (dB)}$$

☐ Magnetic field

$$H \text{ (dB}\mu\text{A/m)} = V \text{ receiver (dB}\mu\text{V)} + \text{Correction (dB)}$$

where:

$$\text{Correction (dB)} = \text{Magnetic antenna factor (dB}/\Omega\text{m)} + \text{I.L. cables (dB)}$$

☒ Electric field

$$E \text{ (dB}\mu\text{V/m)} = V \text{ receiver (dB}\mu\text{V)} + \text{Correction (dB)}$$

where:

$$\text{Correction (dB)} = \text{Electric antenna factor (dB/m)} - \text{Gain external preamplifier (dB)} + \text{I.L. external filter (dB)} + \text{I.L. cables (dB)}$$

Note: external preamplifier and external filter are optional and, if used, are indicated in the list of test equipment

☒ Margin

$$\text{Margin (dB)} = \text{Measure} - \text{Limit}$$

☐ Radiated emission limit conversion for a different measuring distance

$$40 \text{ dB/decade (f<30 MHz); } 20 \text{ dB/decade (f}\geq\text{30 MHz)}$$

☐ Correction of radiated field from 5 m to 3 m

$$+8.87 \text{ dB (f<30 MHz); } +4.44 \text{ dB (f}\geq\text{30 MHz)}$$

☒ Linear to logarithmic conversion

$$\text{Log} = 20 \cdot \log(\text{Lin}) \text{ for voltage and current; } \text{Log} = 10 \cdot \log(\text{Lin}) \text{ for power}$$

☐ Conducted Radio Measurements

$$P_{\text{out_EUT}} = P_{\text{read_Amplifier}} \text{ (dBm)} + \text{Cable Losses (dB)} + \text{Attenuator (dB)}$$

☐ Duty Cycle

$$\text{Duty Cycle (\%)} = 100 \times [\text{On Time (TON)}] / [\text{Period(TON+ TOFF)}]$$

$$\text{Duty Cycle Correction Factor} = 10 \log 1 / [\text{On Time (TON)}] / [\text{Period(TON+ TOFF)}]$$

$$P_{\text{out_AVGcorr}} = P_{\text{out_AVG}} + \text{Duty Cycle Correction Factor}$$

☐ Average time of occupancy:

$$\text{Number of hops in the period specified in the requirements} =$$

$$(\text{number of hops on spectrum analyzer}) \times (\text{period specified in the requirements} / \text{analyzer sweep time})$$

$$\text{Average time of occupancy} = \text{transmit time per hop} \times \text{number of hops in the period specified in the requirements}$$

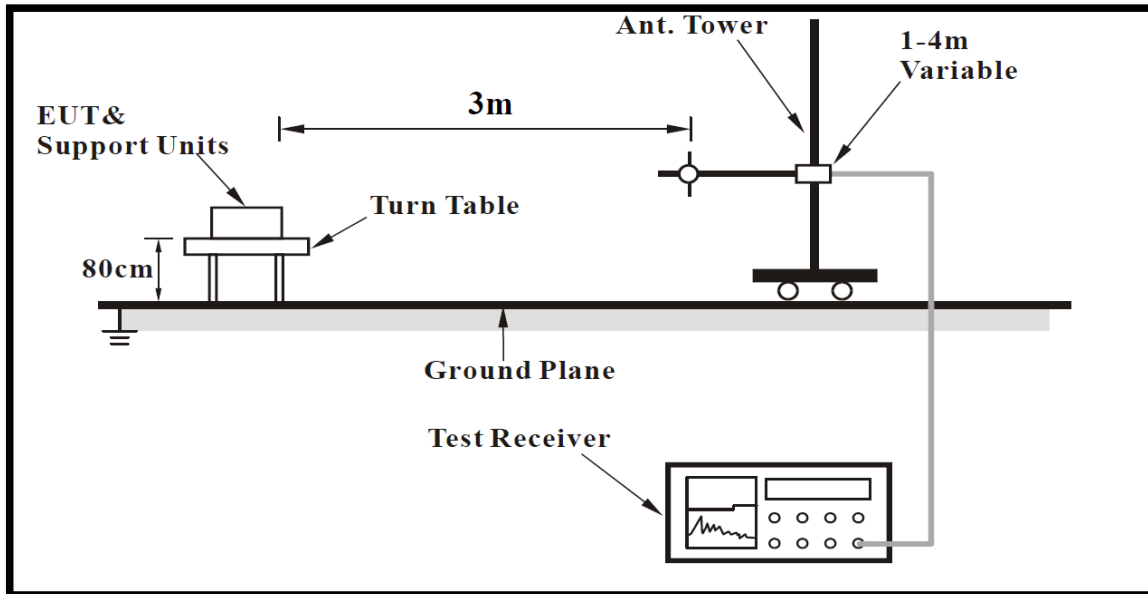
5 Tests

5.1 Radiated emissions & restricted bands emissions

Tested by:	Andrea Giovanni Galbiati	
Test date:	2024-03-14 to 2024-03-20	
Test location (stand):	Area 8: SAC 3-1.2 (RF emission)	
Ambient temperature:	22 °C to 24 °C	
Relative humidity:	45 % to 47 %	
Atmospheric pressure:	998 mbar to 1000 mbar	
FCC requirements (clauses):	15.209(a), 15.247(d)	
ISED requirements (clauses):	RSS-Gen 6.13, RSS-Gen 8.9, RSS-Gen 8.10	
ANSI C63.10 test method (clause):	6.3, 6.5, 6.6	
EUT Test set-up:	☐	<u>Table-top equipment</u> EUT on nonconducting support of 80 cm height above the floor for measurements at or below 1 GHz
	☐	<u>Table-top equipment</u> EUT on nonconducting support of 1.5 m height above the floor for measurements above 1 GHz
	☐	<u>Floor-standing equipment</u> EUT on nonconducting support of 10 cm height above the floor
	☒	<u>Floor-standing equipment</u> If possible, the antenna(s) of the EUT is located at a height of 1.5 m above the floor, and the intentional radiator circuitry is located within the system at a height of at least 0.8 m above the floor.
	☐	Use of LISN on the floor for measurements between 30 MHz and 1000 MHz (optional)
	☐	Other:
Supplementary test set-up description:	---	
Test facility:	☐	<u>Range: 9 kHz to 30 MHz</u> OATS or SAC using active loop antenna (distance: 3 m; height: 1 m from the loop center)
	☒	<u>Range: 30 MHz to 1 GHz</u> OATS or SAC using hybrid (bicon/log) antenna (distance: 3 m; height: 1 m to 4 m)
	☒	<u>Range: 1 GHz to 26 GHz</u> FSOATS using double-ridged guide horn antenna (distance: 3 m; height: 1 m to 4 m)
	☐	<u>Range: 26 GHz to 40 GHz</u> FSOATS using double-ridged guide horn antenna (distance: 1 m; height: 1 m to 4 m)
Used mains voltage/frequency:	120 V; 60 Hz	
Supplementary information:	---	

Block diagram of the test setup:

30 MHz to 1 GHz



1 GHz to 26 GHz

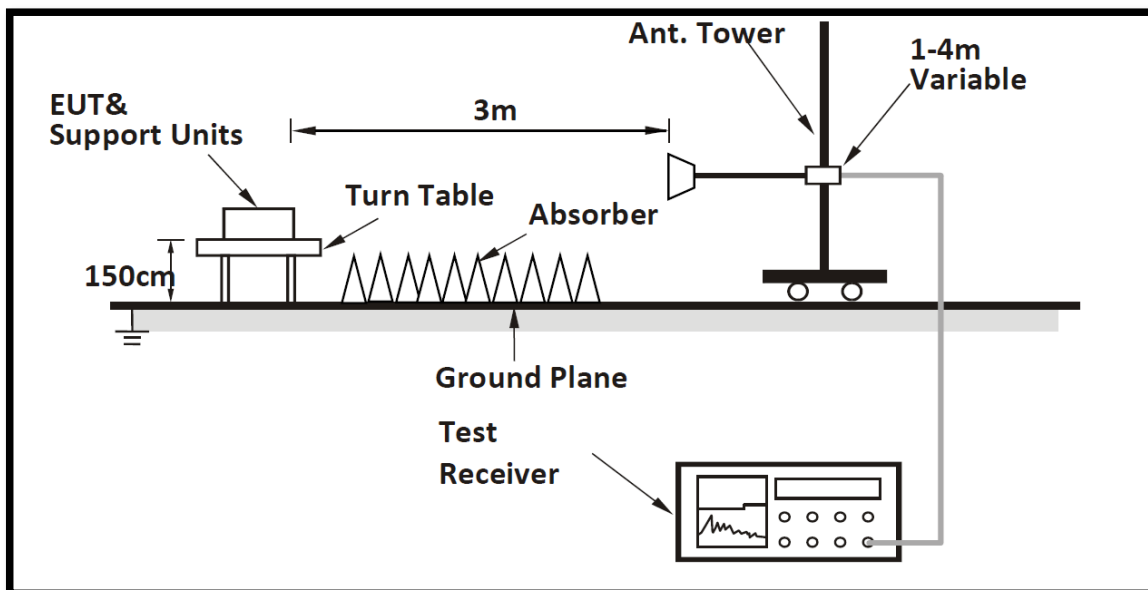
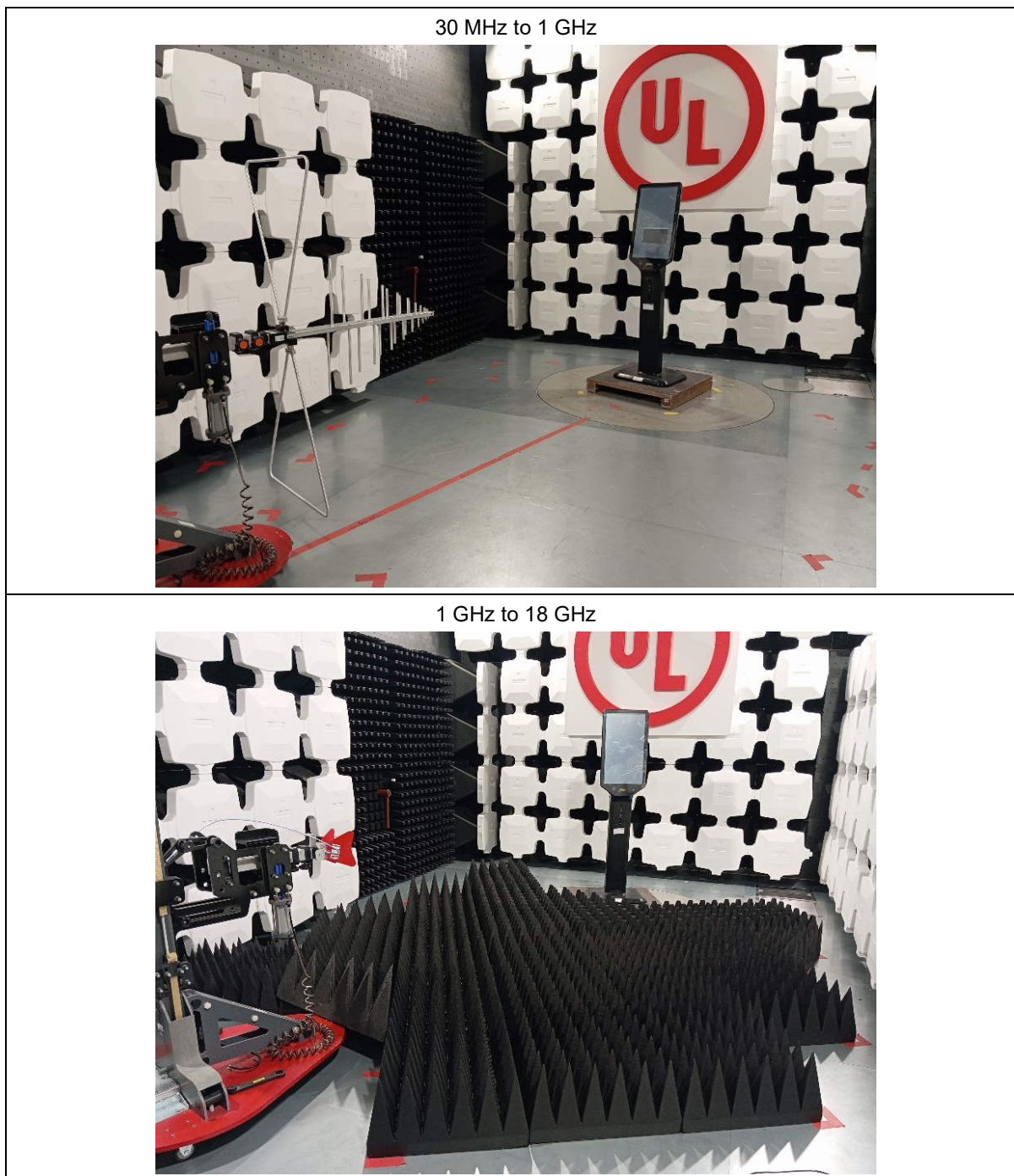
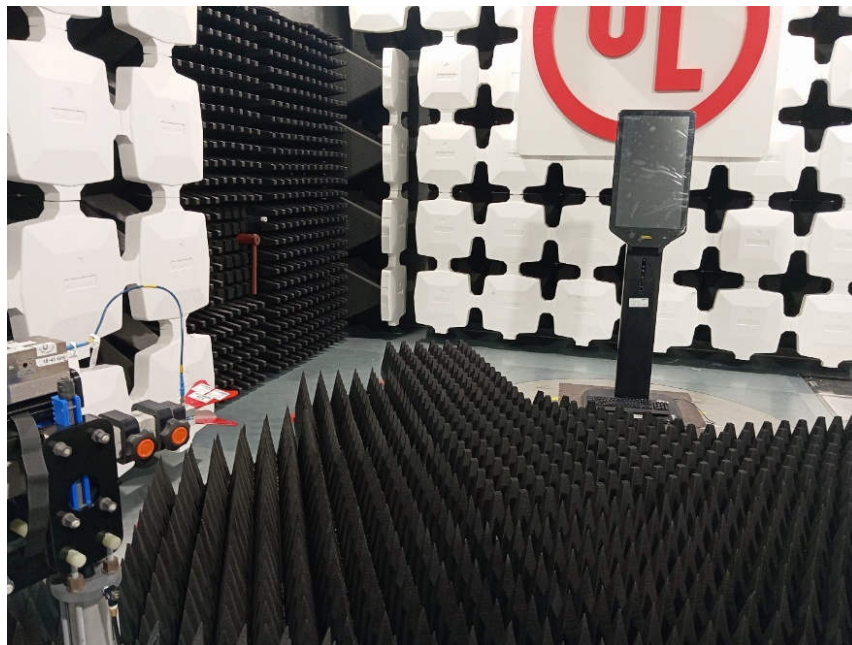


Photo of test setup:



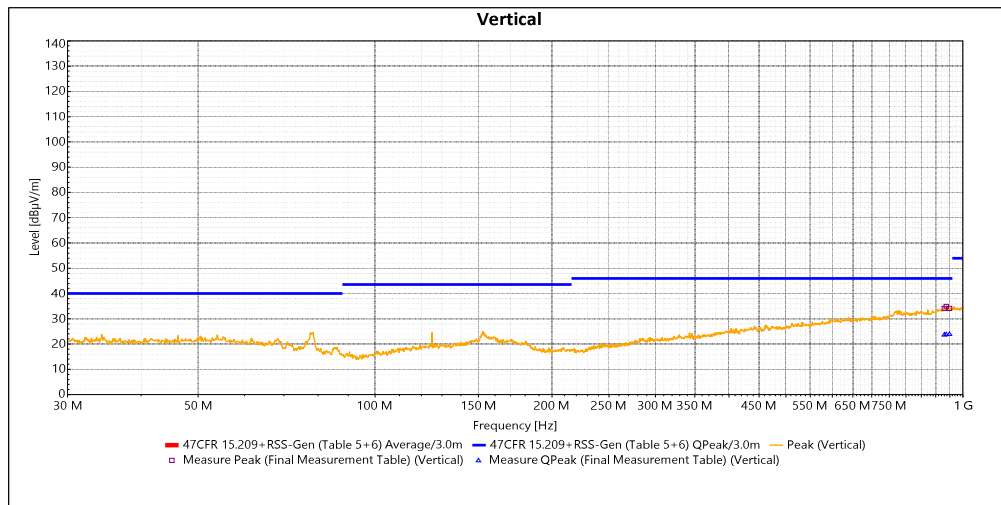
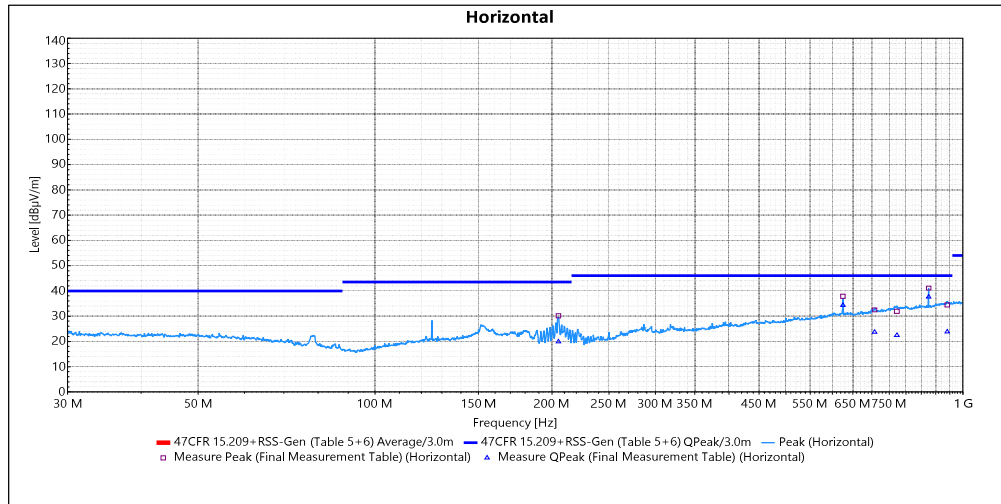
18 GHz to 26 GHz



Results

Operating Mode:	1		
Test result:	Pass	Tested on:	2024-03-14

Start Frequency: 30 MHz; Stop Frequency: 1 GHz; Step: 30 kHz; Sweep Time: 20 ms/Step; RF Attenuation: Auto; RBW: 120 kHz; VBW: Auto; Preamplifier: ON; Preselector: ON



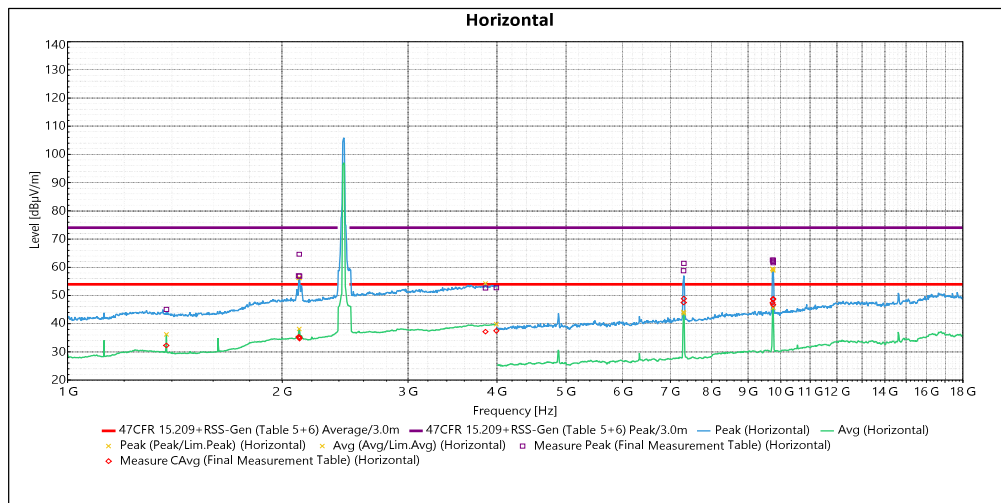
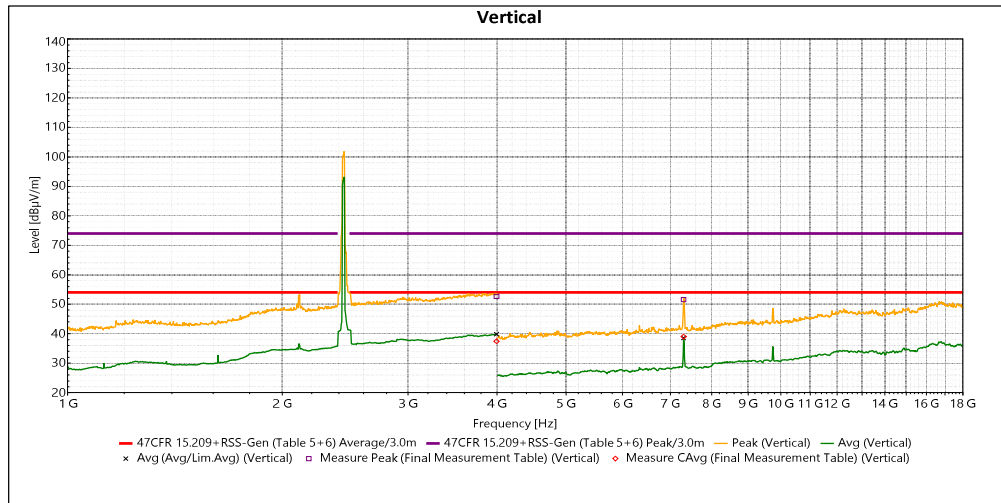
- ☐ The emissions are below the measurement system noise floor or 20 dB or more below the limit
- ☒ The measurement results of highest emissions relative to the limit for each detector type are shown below:

Final Measurement Table

Frequency	SR #	Measure Peak (dBμV/m)	Measure QPeak (dBμV/m)	Limit QPeak (dBμV/m)	Margin QPeak (dB)	Max height (m)	Max angle (°)	Polarization	RBW (Hz)	Meas.Time (s)	Comments	Correction (dB)
205.17 MHz	1	30.107	19.862	43.52	-23.658	1	281.9	Horizontal	120 k	5	Pass	16.623
624.99 MHz	1	37.832	34.378	46.02	-11.642	1.517	129.1	Horizontal	120 k	5	Pass	27.845
708.27 MHz	1	32.493	23.685	46.02	-22.335	1.881	32.9	Horizontal	120 k	5	Pass	28.993
772.38 MHz	1	31.933	22.392	46.02	-23.628	1.12	216.1	Horizontal	120 k	5	Pass	30.144
874.98 MHz	1	41.097	37.692	46.02	-8.328	1.029	240.1	Horizontal	120 k	5	Pass	30.775
940.89 MHz	1	34.415	23.803	46.02	-22.217	3.501	341.3	Horizontal	120 k	5	Pass	31.886
929.88 MHz	2	34.167	23.577	46.02	-22.443	3.993	304.4	Vertical	120 k	5	Pass	31.707
937.32 MHz	2	34.941	23.73	46.02	-22.29	1.526	348.1	Vertical	120 k	5	Pass	31.821
949.2 MHz	2	34.16	23.842	46.02	-22.178	1.371	335.5	Vertical	120 k	5	Pass	31.956

Operating Mode:	1	
Test result:	Pass	Tested on: 2024-03-18

Start Frequency: 1 GHz; Stop Frequency: 4 GHz; Step: 250 kHz; Sweep Time: 20 ms/Step; RF Attenuation: Auto; RBW: 1 MHz; VBW: Auto; Preamplifier: ON; Preselector: ON
Start Frequency: 4 GHz; Stop Frequency: 18 GHz; Step: 250 kHz; Sweep Time: 20 ms/Step; RF Attenuation: Auto; RBW: 1 MHz; VBW: Auto; Preamplifier: OFF; Preselector: ON



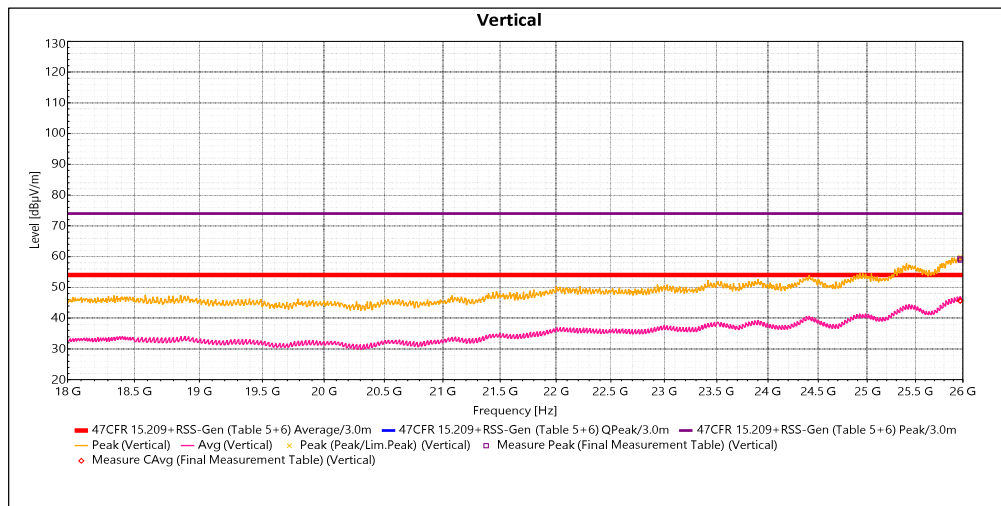
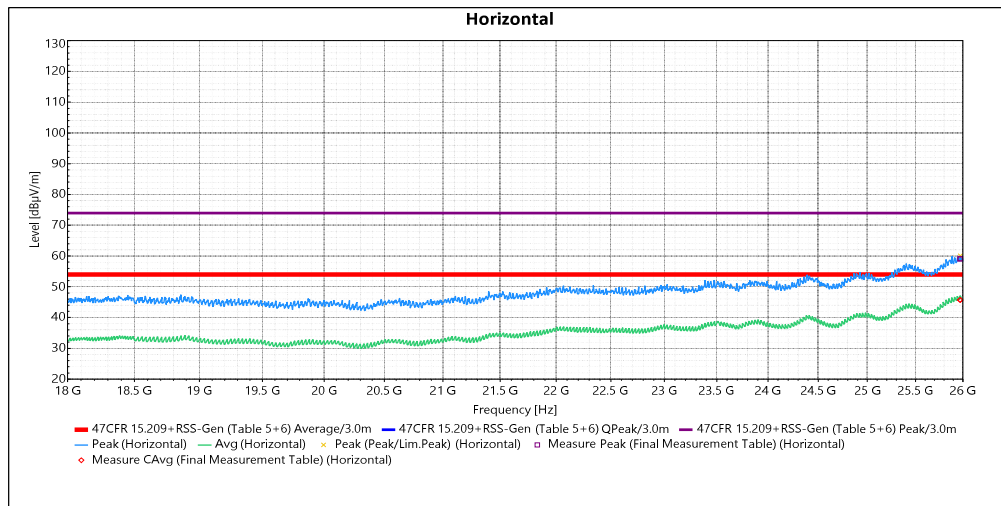
- ☐ The emissions are below the measurement system noise floor or 20 dB or more below the limit
- ☒ The measurement results of highest emissions relative to the limit for each detector type are shown below:

Final Measurement Table

Frequency	SR #	Measure Peak (dBμV/m)	Limit Peak (dBμV/m)	Margin Peak (dB)	Measure CAvg (dBμV/m)	Limit Avg (dBμV/m)	Margin Avg (dB)	Height (m)	Angle (°)	Polarization	RBW (Hz)	Meas.Time (s)	Comments	Correction (dB)
1.375 GHz	1	45.02	74	-28.98	32.276	54	-21.724	2.571	149.4	Horizontal	1 M	5	Pass	31.91
2.109 GHz	1	56.935	74	-17.065	35.323	54	-18.677	1.229	172.6	Horizontal	1 M	5	Pass	35.332
2.112 GHz	1	64.614	74	-9.386	35.089	54	-18.911	1.005	182.1	Horizontal	1 M	5	Pass	35.331
2.115 GHz	1	56.882	74	-17.118	34.752	54	-19.248	1.675	182.2	Horizontal	1 M	5	Pass	35.333
3.854 GHz	1	52.663	74	-21.337	37.159	54	-16.841	1.46	332	Horizontal	1 M	5	Pass	38.524
3.991 GHz	1	52.786	74	-21.214	37.447	54	-16.553	1.568	60.9	Horizontal	1 M	5	Pass	38.615
7.31 GHz	2	58.821	74	-15.179	47.49	54	-6.51	1.187	159.8	Horizontal	1 M	5	Pass	2.165
7.315 GHz	2	61.421	74	-12.579	48.87	54	-5.13	1.384	234.5	Horizontal	1 M	5	Pass	2.175
9.74 GHz	2	62.571	74	-11.429	47.386	54	-6.614	1.631	200.5	Horizontal	1 M	5	Pass	5.698
9.755 GHz	2	62.565	74	-11.435	48.605	54	-5.395	1.568	203.1	Horizontal	1 M	5	Pass	5.72
9.755 GHz	2	61.639	74	-12.361	48.82	54	-5.18	1.564	203.3	Horizontal	1 M	5	Pass	5.721
9.76 GHz	2	62.044	74	-11.956	46.698	54	-7.302	1.603	203.3	Horizontal	1 M	5	Pass	5.722
3.994 GHz	1	52.639	74	-21.361	37.459	54	-16.541	2.986	152.3	Vertical	1 M	5	Pass	38.616
7.31 GHz	2	51.611	74	-22.389	38.994	54	-15.006	1.253	271.5	Vertical	1 M	5	Pass	2.165

Operating Mode:	1		
Test result:	Pass	Tested on:	2024-03-20

Start Frequency: 18 GHz; Stop Frequency: 26 GHz; Step: 250 kHz; Sweep Time: 20 ms/Step; RF Attenuation: Auto; RBW: 1 MHz; VBW: Auto; Preamplifier: OFF; Preselector: ON



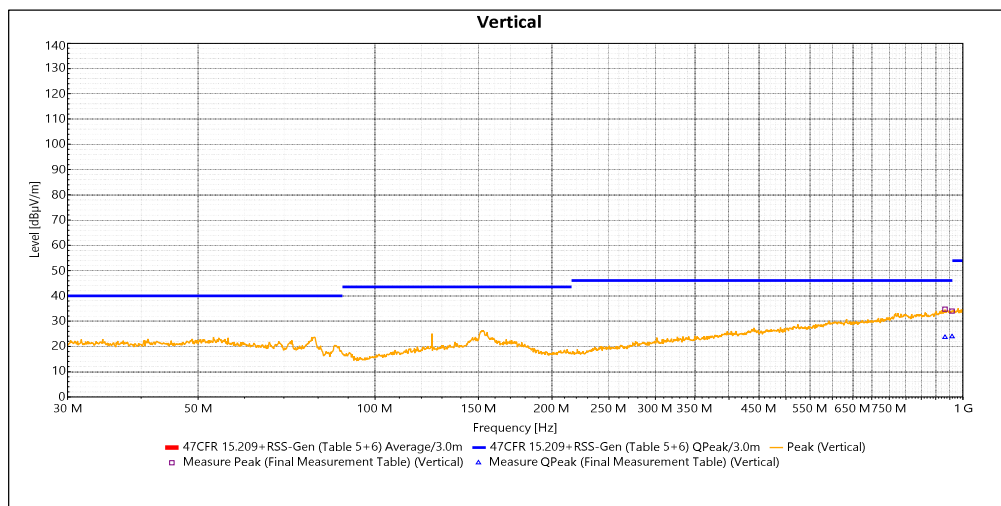
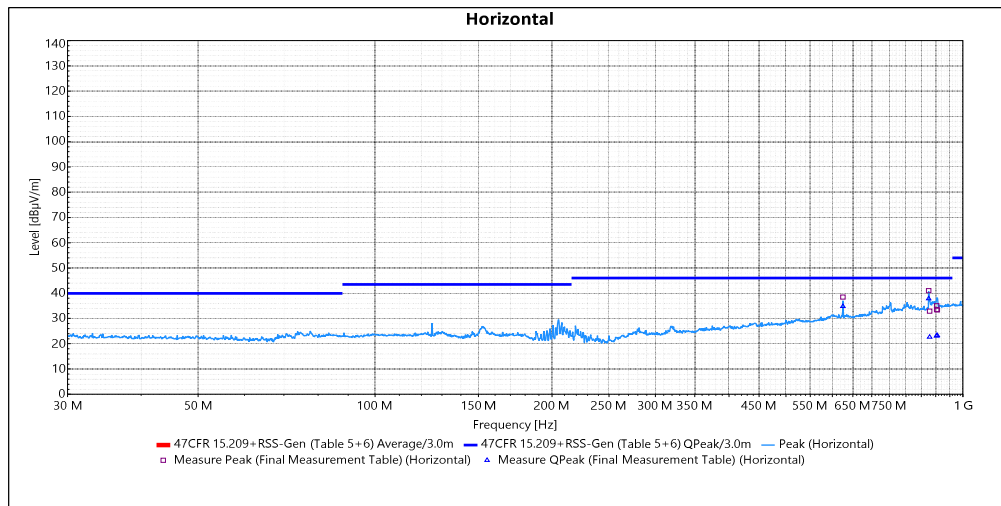
- ☐ The emissions are below the measurement system noise floor or 20 dB or more below the limit
- ☒ The measurement results of highest emissions relative to the limit for each detector type are shown below:

Final Measurement Table

Frequency	SR #	Measure Peak (dBμV/m)	Limit Peak (dBμV/m)	Margin Peak (dB)	Measure CAvg (dBμV/m)	Limit Avg (dBμV/m)	Margin Avg (dB)	Height (m)	Angle (°)	Polarization	RBW (Hz)	Meas.Time (s)	Comments	Correction (dB)
25.971 GHz	1	59.009	74	-14.991	45.739	54	-8.261	2.363	334	Horizontal	1 M	5	Pass	24.101
25.973 GHz	1	59.116	74	-14.884	45.687	54	-8.313	3.251	321.6	Horizontal	1 M	5	Pass	24.124
25.971 GHz	2	59.311	74	-14.689	45.678	54	-8.322	2.855	304.6	Vertical	1 M	5	Pass	24.104
25.973 GHz	2	58.847	74	-15.153	45.614	54	-8.386	3.145	340.8	Vertical	1 M	5	Pass	24.124

Operating Mode:	3	
Test result:	Pass	Tested on: 2024-03-14

Start Frequency: 30 MHz; Stop Frequency: 1 GHz; Step: 30 kHz; Sweep Time: 20 ms/Step; RF Attenuation: Auto; RBW: 120 kHz; VBW: Auto; Preamplifier: ON; Preselector: ON



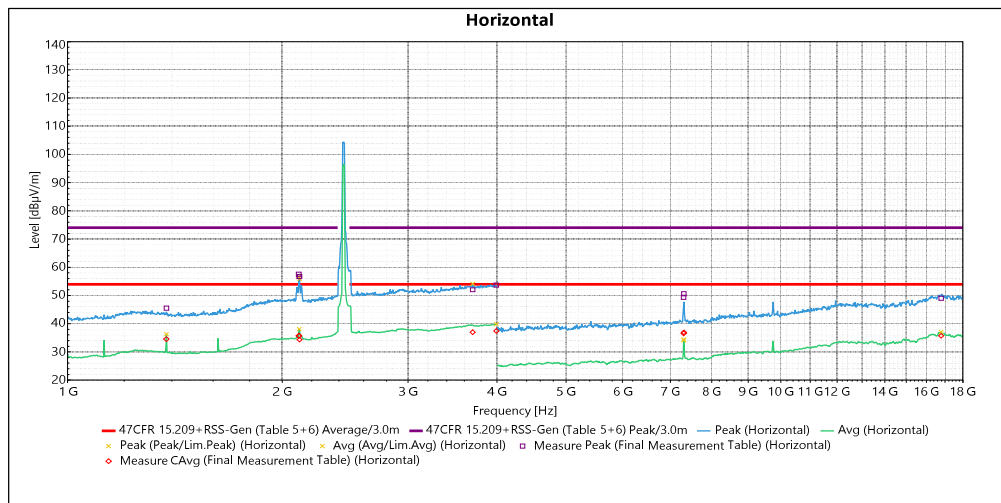
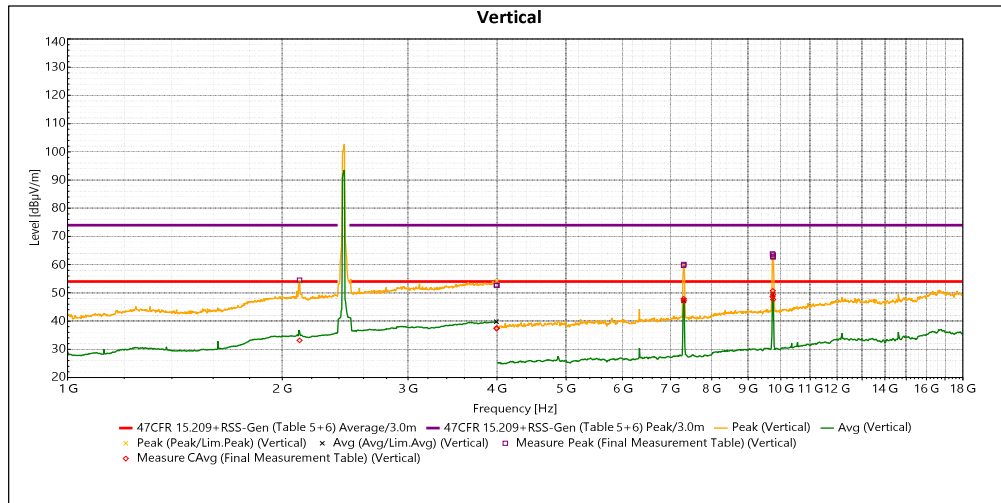
- ☐ The emissions are below the measurement system noise floor or 20 dB or more below the limit
- ☒ The measurement results of highest emissions relative to the limit for each detector type are shown below:

Final Measurement Table

Frequency	SR #	Measure Peak (dBμV/m)	Measure QPeak (dBμV/m)	Limit QPeak (dBμV/m)	Margin QPeak (dB)	Max height (m)	Max angle (°)	Polarization	RBW (Hz)	Meas.Time (s)	Comments	Correction (dB)
624.99 MHz	1	38.505	34.817	46.02	-11.203	1.421	132.3	Horizontal	120 k	5	Pass	27.845
874.98 MHz	1	40.976	37.835	46.02	-8.185	1	165.1	Horizontal	120 k	5	Pass	30.775
878.19 MHz	1	32.894	22.652	46.02	-23.368	1.495	76.2	Horizontal	120 k	5	Pass	30.796
902.58 MHz	1	33.546	23.129	46.02	-22.891	1.69	64.7	Horizontal	120 k	5	Pass	31.414
903.21 MHz	1	35.055	23.177	46.02	-22.843	1.489	27.1	Horizontal	120 k	5	Pass	31.437
905.19 MHz	1	33.372	23.276	46.02	-22.744	2.959	24.2	Horizontal	120 k	5	Pass	31.496
932.46 MHz	2	34.731	23.616	46.02	-22.404	2.969	22.7	Vertical	120 k	5	Pass	31.739
959.01 MHz	2	33.996	23.896	46.02	-22.124	3.575	25.5	Vertical	120 k	5	Pass	32.132

Operating Mode:	2	
Test result:	Pass	Tested on: 2024-03-18

Start Frequency: 1 GHz; Stop Frequency: 4 GHz; Step: 250 kHz; Sweep Time: 20 ms/Step; RF Attenuation: Auto; RBW: 1 MHz; VBW: Auto; Preamplifier: ON; Preselector: ON
Start Frequency: 4 GHz; Stop Frequency: 18 GHz; Step: 250 kHz; Sweep Time: 20 ms/Step; RF Attenuation: Auto; RBW: 1 MHz; VBW: Auto; Preamplifier: OFF; Preselector: ON



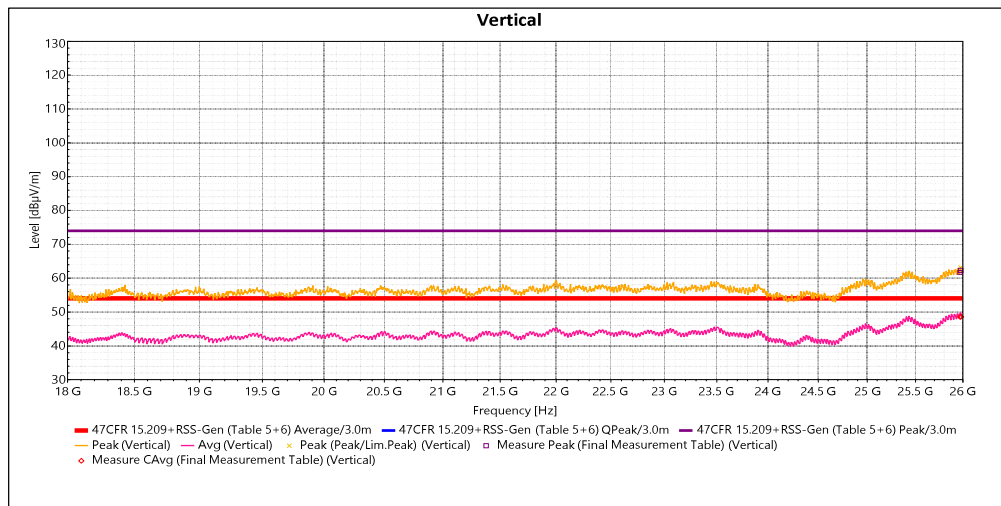
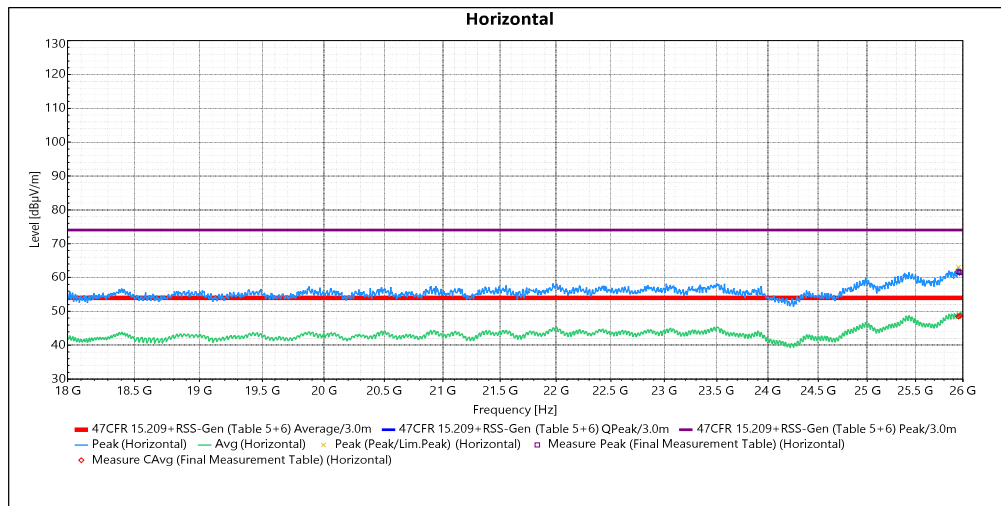
- ☐ The emissions are below the measurement system noise floor or 20 dB or more below the limit
- ☒ The measurement results of highest emissions relative to the limit for each detector type are shown below:

Final Measurement Table

Frequency	SR #	Measure Peak (dBμV/m)	Limit Peak (dBμV/m)	Margin Peak (dB)	Measure CAvg (dBμV/m)	Limit Avg (dBμV/m)	Margin Avg (dB)	Height (m)	Angle (°)	Polarization	RBW (Hz)	Meas.Time (s)	Comments	Correction (dB)
1.375 GHz	1	45.501	74	-28.499	34.518	54	-19.482	1	233.1	Horizontal	1 M	5	Pass	31.91
2.109 GHz	1	57.566	74	-16.434	35.733	54	-18.267	1.056	177.2	Horizontal	1 M	5	Pass	35.332
2.112 GHz	1	56.75	74	-17.25	35.708	54	-18.292	1.131	180.6	Horizontal	1 M	5	Pass	35.331
2.115 GHz	1	56.692	74	-17.308	34.327	54	-19.673	1.006	182.8	Horizontal	1 M	5	Pass	35.333
3.699 GHz	1	52.037	74	-21.963	36.965	54	-17.035	3.885	357.8	Horizontal	1 M	5	Pass	38.371
3.992 GHz	1	53.647	74	-20.353	37.438	54	-16.562	1	358.7	Horizontal	1 M	5	Pass	38.615
7.31 GHz	2	49.33	74	-24.67	36.555	54	-17.445	1.063	298.4	Horizontal	1 M	5	Pass	2.165
7.315 GHz	2	50.593	74	-23.407	36.945	54	-17.055	1.093	300.3	Horizontal	1 M	5	Pass	2.174
16.782 GHz	2	48.992	74	-25.008	35.687	54	-18.313	1.914	357.8	Horizontal	1 M	5	Pass	12.454
2.115 GHz	1	54.509	74	-19.491	33.13	54	-20.87	1.023	194.8	Vertical	1 M	5	Pass	35.333
3.993 GHz	1	52.766	74	-21.234	37.411	54	-16.589	1.886	196.7	Vertical	1 M	5	Pass	38.616
3.998 GHz	1	52.596	74	-21.404	37.416	54	-16.584	1.731	228.2	Vertical	1 M	5	Pass	38.619
7.31 GHz	2	59.769	74	-14.231	47.894	54	-6.106	1	214.3	Vertical	1 M	5	Pass	2.165
7.315 GHz	2	60.135	74	-13.865	47.187	54	-6.813	1.027	211.7	Vertical	1 M	5	Pass	2.174
9.74 GHz	2	63.863	74	-10.137	48.652	54	-5.348	1.554	187	Vertical	1 M	5	Pass	5.698
9.75 GHz	2	62.904	74	-11.096	50.698	54	-3.302	1.488	187.4	Vertical	1 M	5	Pass	5.719
9.755 GHz	2	63.464	74	-10.536	49.422	54	-4.578	1.524	186.9	Vertical	1 M	5	Pass	5.72
9.76 GHz	2	62.735	74	-11.265	47.64	54	-6.36	1.526	184.7	Vertical	1 M	5	Pass	5.722

Operating Mode:	2		
Test result:	Pass	Tested on:	2024-03-19

Start Frequency: 18 GHz; Stop Frequency: 26 GHz; Step: 250 kHz; Sweep Time: 20 ms/Step; RF Attenuation: Auto; RBW: 1 MHz; VBW: Auto; Preamplifier: OFF; Preselector: ON



- ☐ The emissions are below the measurement system noise floor or 20 dB or more below the limit
- ☒ The measurement results of highest emissions relative to the limit for each detector type are shown below:

Final Measurement Table

Frequency	SR #	Measure Peak (dBuV/m)	Limit Peak (dBuV/m)	Margin Peak (dB)	Measure CAvg (dBuV/m)	Limit Avg (dBuV/m)	Margin Avg (dB)	Height (m)	Angle (°)	Polarization	RBW (Hz)	Meas.Time (s)	Comments	Correction (dB)
25.952 GHz	1	61.749	74	-12.251	48.467	54	-5.533	2.008	318	Horizontal	1 M	5	Pass	23.913
25.972 GHz	1	61.613	74	-12.487	48.617	54	-5.383	2.938	312.4	Horizontal	1 M	5	Pass	24.114
25.971 GHz	2	61.701	74	-12.299	48.546	54	-5.454	3.736	276.4	Vertical	1 M	5	Pass	24.109
25.979 GHz	2	62.336	74	-11.664	48.603	54	-5.397	2.494	327.8	Vertical	1 M	5	Pass	24.188