

TEST REPORT

Report Number : 15982152-E20V2

Applicant : APPLE INC.
1 APPLE PARK WAY
CUPERTINO, CA 95014, U.S.A.

Model : A3472 (Parent)
A3713, A3714, A3715 (Variants)

Brand : APPLE

FCC ID : BCG-E9186A (Parent Model)
BCG-E9192A, BCG-E9193A, BCG-E9194A (Variant Models)

IC : 579C-E8186A (Parent Model)
579C-E9192A, 579C-E9193A, 579C-E9194A (Variant Models)

EUT Description : SMARTPHONE

Test Standard(s) : FCC 47 CFR PART 15 SUBPART F §15.519
ISED RSS-220 ISSUE 1 AMENDMENT 1

Date Of Issue:
JUNE 23, 2026

Prepared by:
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Revision History

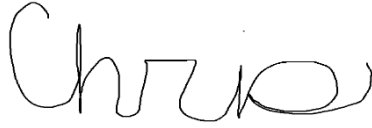
Rev.	Issue Date	Revisions	Revised By
V1	6/16/2026	Initial Issue	Thu Chan
V2	6/23/2026	Addressed TCB's Questons Updated Cover Page, Sections 6.1, 7, 8, 9.1, 9.2, 9.3, 9.7	Christopher Chan

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1. ATTESTATION OF TEST RESULTS

Applicant Name and Address	APPLE INC. 1 APPLE PARK WAY CUPERTINO, CA 95014, U.S.A.	
Model	A3472 (Parent) A3713, A3714, A3715 (Variants)	
Brand	APPLE	
FCC ID	BCG-E9186A (Parent Model) BCG-E9192A, BCG-E9193A, BCG-E9194A (Variant Models)	
IC	579C-E9186A (Parent Model) 579C-E9192A, 579C-E9193A, 579C-E9194A (Variant Models)	
EUT Description	SMARTPHONE	
SERIAL NUMBER	F4LFM9YJPQ, NJ9QVHW5Y2, N9PP6G04XV, X4L9V2QM7Q	
SAMPLE RECEIPT DATE	FEBRUARY 02, 2026	
DATE TESTED	FEBRUARY 02, 2026 TO JUNE 11, 2026	
Applicable Standards	FCC 47 CFR PART 15 SUBPART F §15.519 ISED RSS-220 ISSUE 1 AMENDMENT 1	
Test Results	COMPLIES	
UL Verification Services Inc. tested the above equipment in accordance with the requirements set forth in the above standards. The test results show that the equipment tested is capable of demonstrating compliance with the requirements as documented in this report. The results documented in this report apply only to the tested sample, under the conditions and modes of operation as described herein. It is the manufacturer's responsibility to assure that additional production units of this model are manufactured with identical electrical and mechanical components. All samples tested were in good operating condition throughout the entire test program. Measurement Uncertainties are published for informational purposes only and were not taken into account unless noted otherwise. This document may not be altered or revised in any way unless done so by UL Verification Services Inc. and all revisions are duly noted in the revisions section. Any alteration of this document not carried out by UL Verification Services Inc. will constitute fraud and shall nullify the document.		
Approved & Released By:		Prepared & Reviewed By:
		
Thu Chan Staff Engineer UL Verification Services, Inc.		Christopher Chan Laboratory Supervisor UL Verification Services, Inc.

2. TEST RESULTS SUMMARY

This report contains data provided by the customer which can impact the validity of results. UL Verification Services Inc. is only responsible for the validity of results after the integration of the data provided by the customer.

Requirement	FCC Clause	ISED Clause	Result
Duty Cycle	See Comment		Reporting purposes only
99% OBW	-	RSS-GEN 6.7	Reporting purposes only
-10 dB BW	15.503 & 15.519 (b)	RSS-220 Sect. 2	Complies
Pk Power & Max Avg Emissions	15.519 (c) & (e)	RSS-220 Sect. 4 (c) & 5.3.1 (d)	Complies
Cessation Time	15.519 (a)(1)	RSS-220 Sect. 5.3.1 (b)	Complies
Emissions Below 960 MHz	15.519 (c) & 15.209 (a)	RSS-220 Sect. 3.4	Complies
Emissions Above 960 MHz	15.519 (c) & (d)	RSS-220 Sect. 5.3.1 (d) & (e)	Complies
AC Power Line Conducted Emissions	15.207 (a)	RSS-Gen 8.8	Complies

3. TEST METHODOLOGY

The tests documented in this report were performed in accordance with:

- CFR Title 47 Part 15 Subpart F
- KDB 393764 D01 UWB FAQ v02r01
- ANSI/USEMCSC C63.10-2020+Cor 1-2023 (FCC)
- ISED RSS-220 Issue 1 Amendment 1
- ISED RSS GEN Issue 5 Amendment 2
- ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024 (ISED)

4. FACILITIES AND ACCREDITATION

UL Verification Services Inc. is accredited by A2LA, certification #0751.05, for all testing performed within the scope of this report. Testing was performed at the locations noted below.

	Address	ISED CABID	ISED Company Number	FCC Registration
☐	Building 1: 47173 Benicia Street, Fremont, CA 94538, USA	US0104	2324A	550739
☐	Building 2: 47266 Benicia Street, Fremont, CA 94538, USA			
☐	Building 3: 843 Auburn Ct, Fremont, CA 94538, USA			
☐	Building 4: 47658 Kato Rd, Fremont, CA 94538, USA			
☒	Building 5: 47670 Kato Rd, Fremont, CA 94538, USA			

5. DECISION RULES AND MEASUREMENT UNCERTAINTY

5.1. METROLOGICAL TRACEABILITY

All test and measuring equipment utilized to perform the tests documented in this report are calibrated on a regular basis, with a maximum time between calibrations of one year or the manufacturers' recommendation, whichever is less, and where applicable is traceable to recognized national standards.

5.2. DECISION RULES

The Decision Rule is based on Simple Acceptance in accordance with ISO Guide 98-4:2012 Clause 8.2. (Measurement uncertainty is not taken into account when stating conformity with a specified requirement.)

5.3. MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the apparatus:

PARAMETER	U _{LAB}
Conducted Antenna Port Emission Measurement	1.940 dB
Power Spectral Density	2.466 dB
Time Domain Measurements Using SA	3.39 %
Radio Frequency (Spectrum Analyzer)	141.16 Hz
Occupied Bandwidth	1.22%
Worst Case Conducted Disturbance, 9KHz to 0.15 MHz	3.78 dB
Worst Case Conducted Disturbance, 0.15 to 30 MHz	3.40 dB
Worst Case Radiated Disturbance, 9KHz to 30 MHz	2.87 dB
Worst Case Radiated Disturbance, 30 to 1000 MHz	6.01 dB
Worst Case Radiated Disturbance, 1000 to 18000 MHz	4.73 dB
Worst Case Radiated Disturbance, 18000 to 26000 MHz	4.51 dB
Worst Case Radiated Disturbance, 26000 to 40000 MHz	5.29 dB

Uncertainty figures are valid to a confidence level of 95%.

5.4. SAMPLE CALCULATION

RADIATED EMISSIONS

Where relevant, the following sample calculation is provided:

$$\begin{aligned}\text{EIRP (dBm)} &= \text{Meter Reading (dBm)} + \text{Antenna Factor (dB/m)} + \text{Pre-Amp Gain/Cbl Loss (dB)} \\ &\quad + \text{dBm-to-dBm Unit Conversion Factor @ 3m} \\ &= -60 \text{ dBm} + 28 \text{ dB/m} + (-27) \text{ dB} + 11.8 \\ &= -47.2 \text{ dBm}\end{aligned}$$

MAINS CONDUCTED EMISSIONS

Where relevant, the following sample calculation is provided:

$$\begin{aligned}\text{Final Voltage (dBuV)} &= \text{Measured Voltage (dBuV)} + \text{LISN Insertion Loss (dB)} + \text{Cable Loss (dB)} \\ &\quad + \text{Limiter Factor (dB)} \\ &= 42.19 \text{ dBuV} + 0.1 \text{ dB} + 0 \text{ dB} + 9.4 \text{ (dB)} \\ &= 51.69 \text{ dBuV}\end{aligned}$$

6. EQUIPMENT UNDER TEST

6.1. DESCRIPTION OF EUT

The Apple iPhone is a smartphone with cellular GSM, GPRS, EGPRS, WCDMA, LTE, 5G NR1, IEEE 802.11a/b/g/n/ac/ax/be, Bluetooth (BT), Ultra-Wideband (UWB), Global Positioning System (GPS), Near-Field Communication (NFC), Narrow-Band (NB) UNII, 802.15.4, 802.15.4ab-Narrow Band (NB), Wireless Power Transfer (WPT RX only), and Mobile Satellite Service (MSS) technologies. The rechargeable battery is not user accessible.

The EUT has a UWB transceiver with two integral antennas (ANT1 = ANT12/UWB1, ANT2 = ANT6/UWB0). ANT1 only operates on 8 GHz (Channel 9). ANT2 operates on 6.5 GHz (Channel 5) and 8 GHz (Channel 9). The antennas are not user accessible.

6.2. MAXIMUM OUTPUT POWER

Highest Average Powers based on ANT/CH are listed as follows:

ANT	CH	CONFIG	PL	Average Power (dBm EIRP)
1	9	405	4093	-42.32
2	5	103	25	-42.35
2	9	808	0	-42.32

6.3. MODULATION

The UWB signal is BPSK pulsed modulated signal.

6.4. SOFTWARE AND FIRMWARE

The Software and Firmware version used at test is FT: 24A343

7. DESCRIPTION OF TEST SETUP

SUPPORT EQUIPMENT

SUPPORT EQUIPMENT LIST			
Description	Manufacturer	Model	Serial Number
Laptop + Adapter	Apple	MacBook Pro	HRP044691
Brisket – USB Adapter	Apple	Brisket UART Cable Pigtail	F2010M00004733
USB-C Power Adapter	Apple	B820	C4H9516000APF4F4P
USB-C 96W Power Adapter	Apple	A2166	C4H238505ARPM0WAP
USB-C Ethernet Adapter	Ugreen	CM475	60600
USB-A to USB-C adapter	Anker	A8731	XX02NCP6GR
USB-A Cable with Repeater	Ugreen	10321	X000TT2OLL

I/O CABLES

I/O CABLES					
Port	# of Identical Ports	Connector Type	Cable Type	Cable Length (m)	Remarks
AC	1	AC	Un-shielded	2	N/A
USB	1	USB	Un-shielded	1	N/A

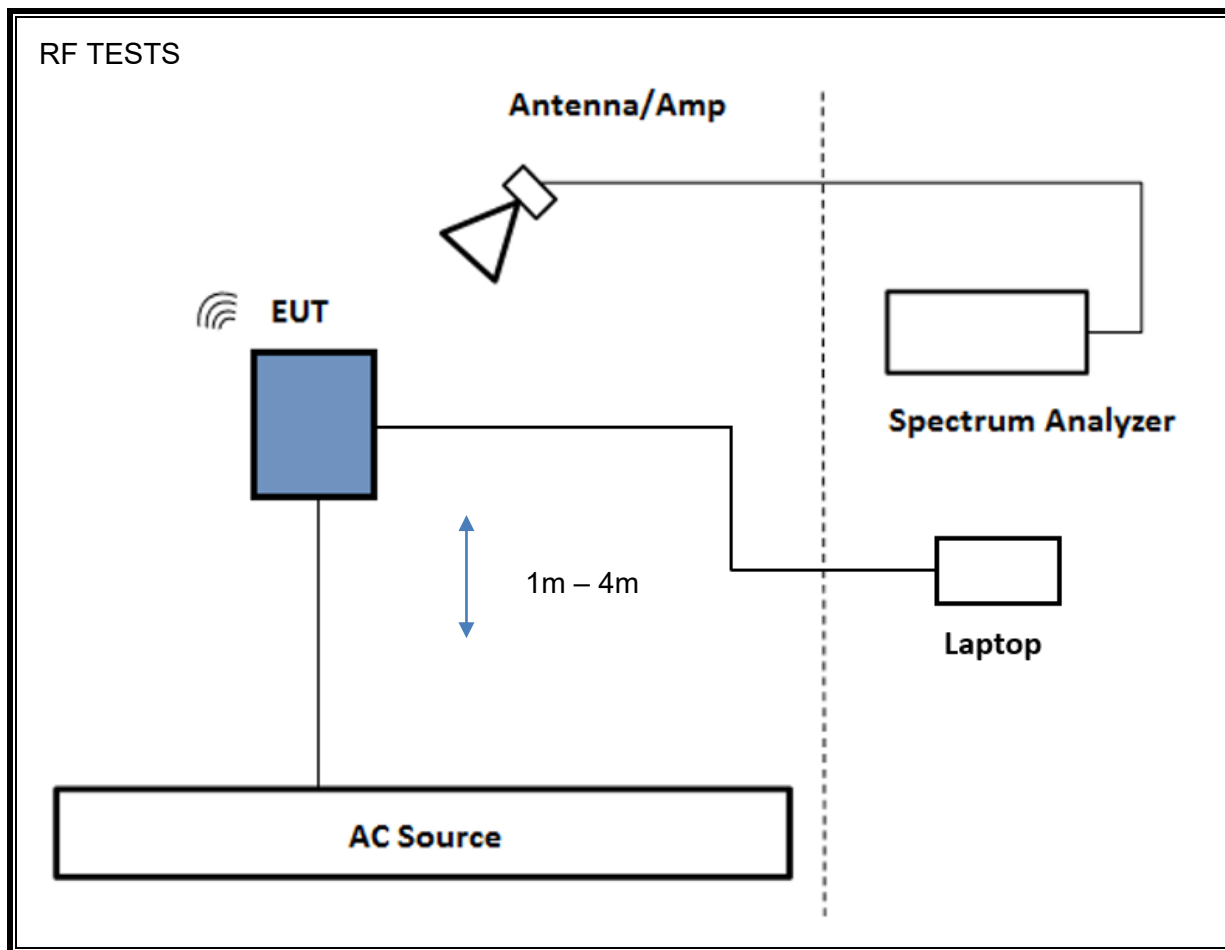
TEST SETUP

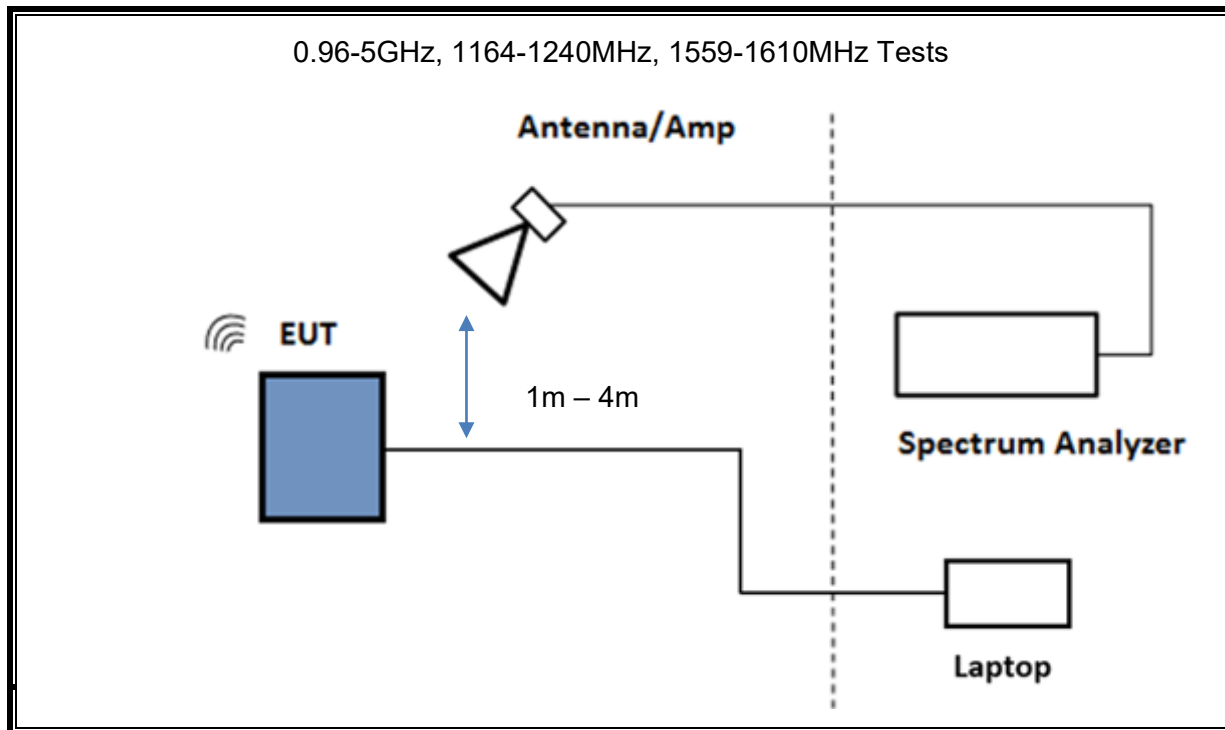
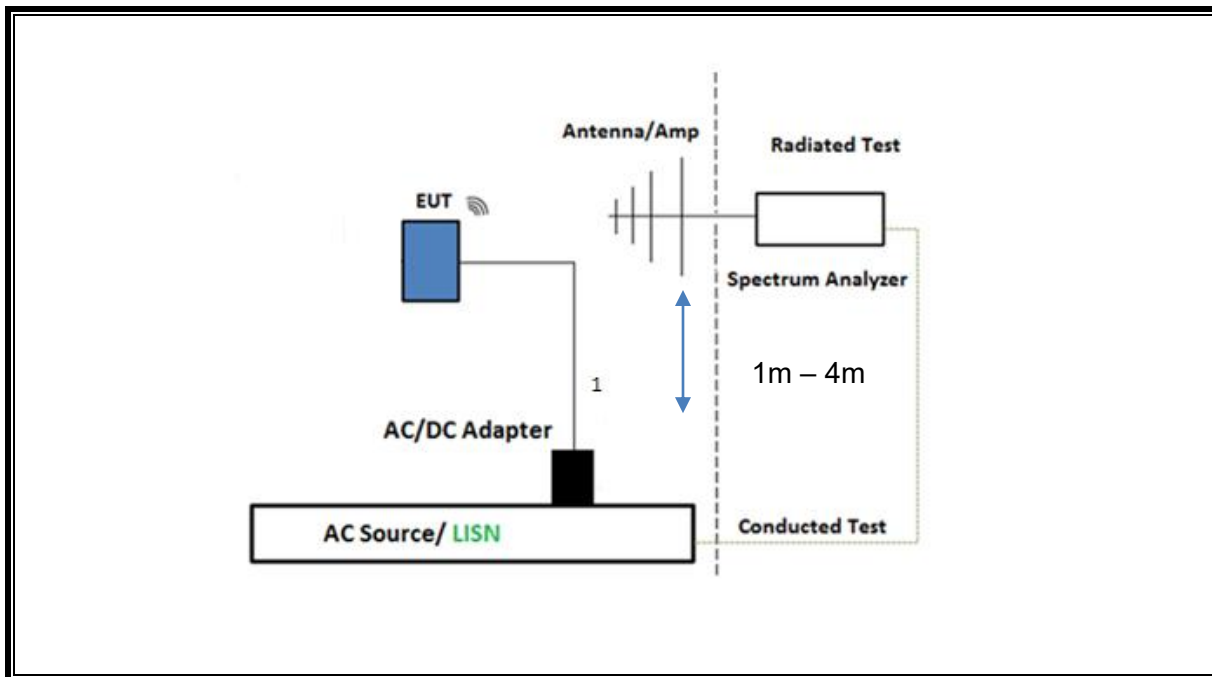
The EUT was examined at pre-scan test using a fundamental frequency in the portrait (z), landscape (y), and flatbed (x) position and the worst-case orientation of individual ANT/CH/CONFIG setting was determined for final spurious emission measurement. All selected configs are used for the Ant/Ch settings that were tested at default power (0 dBm), and Config 9 Payload 125 was chosen for unwanted emission test with CH9 on Ant 1, CH5 on Ant 2, and CH9 on Ant 2 by setting at maximum output power higher than 0 dBm.

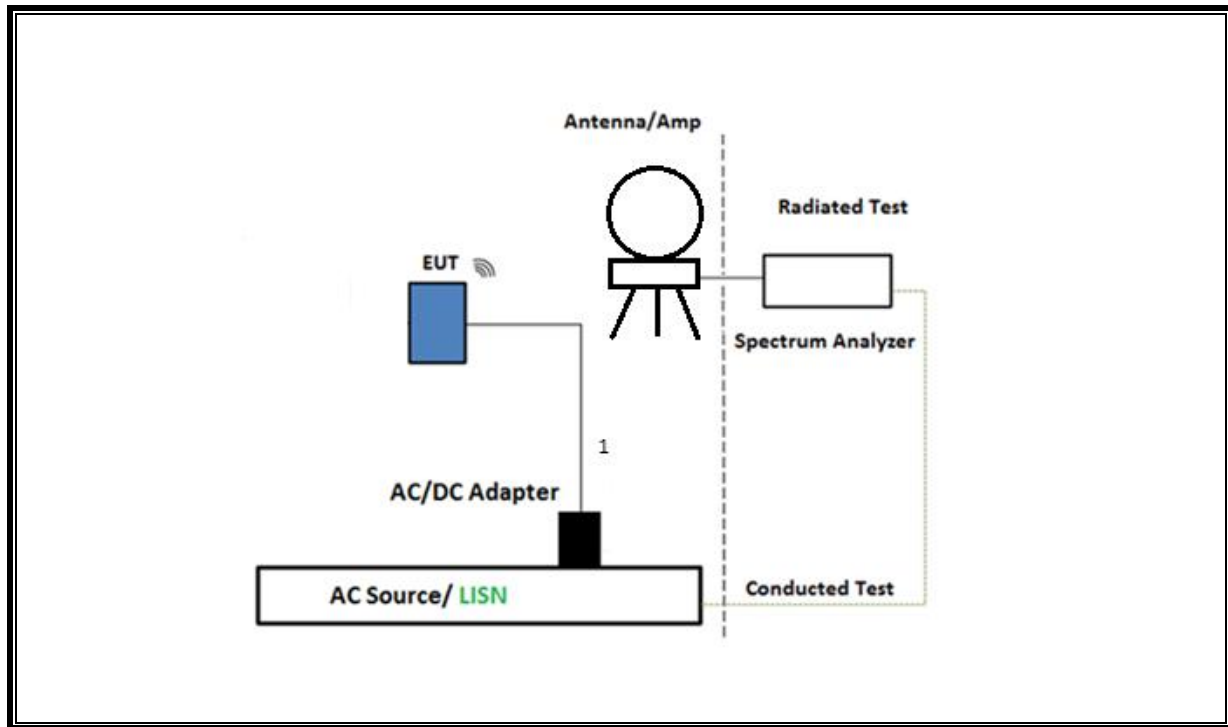
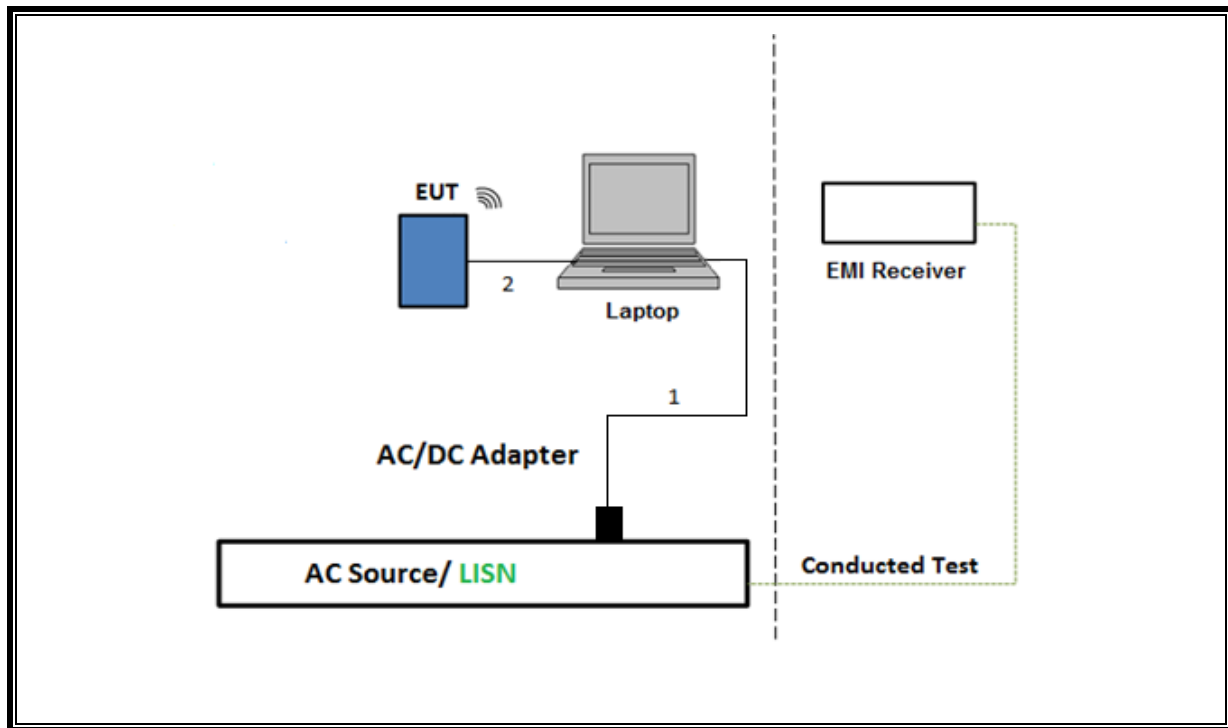
Measurements of spurious average emissions were made with the device operating at a higher power than production power to ensure compliance. Measurements of the in-band signal (peak and average emissions, 10 dBc bandwidth, 99% bandwidth) were all made at the production power settings.

EUT was connected to AC power adapter in all test cases except 0.96 – 5 GHz, 1164 – 1240 MHz, and 1559 – 1610 MHz due to noise unrelated to the UWB signal from the device.

For simultaneous transmission on the same antenna of multiple channels in the UWB and WiFi, no noticeable new emission was found.

SETUP DIAGRAM FOR Above 1GHz TESTS

SETUP DIAGRAM FOR Above 1GHz TESTS**SETUP DIAGRAM FOR Below 1GHz, Below 30MHz, and AC LINE CONDUCTED TEST**

TEST SETUP- Below 30MHz Radiated**TEST SETUP- AC LINE CONDUCTED: LAPTOP CONFIGURATION**

8. TEST AND MEASUREMENT EQUIPMENT

The following test and measurement equipment was utilized for the tests documented in this report:

Test Equipment				
Description	Manufacturer	Model	Local ID	Cal Due
Antenna, Horn 1-18GHz	ETS-Lindgren	3117	80403	2027-07-31
RF Filter Box, 1-18GHz	UL-FR1	RATS 2.0	236726	2026-09-30
EMI Test Receiver	Rohde & Schwarz	ESW44	223460	2027-02-28
Antenna, Horn 1-18GHz	ETS-Lindgren	3117	206805	2026-08-31
RF Filter Box, 1-18GHz	UL-FR1	RATS 2.0	226781	*2026-05-31
EMI Test Receiver	Rohde & Schwarz	ESW44	223459	2027-02-18
Antenna, Horn 1-18GHz	ETS-Lindgren	3117	81887	2027-03-31
RF Filter Box, 1-18GHz	UL-FR1	RATS 2.0	225575	2027-05-31
EMI Test Receiver	Rohde & Schwarz	ESW44	201498	2027-09-30
Antenna, Horn 1-18GHz	ETS-Lindgren	3117	230300	2027-03-31
RF Filter Box, 1-18GHz	UL-FR1	RATS 2.0	225474	*2026-05-31
EMI Test Receiver	Rohde & Schwarz	ESW44	201501	2027-02-28
Antenna, Passive Loop, 30Hz - 1MHz	Electro-Metrics	EM-6871	170014	2027-09-30
Antenna, Passive Loop, 100kHz to 30MHz	Electro-Metrics	EM-6872	170016	2027-09-30
Link File, @3m, 9kHz-1000MHz Hybrid Path Loss	UL-FR1	Port 0 Factors	224489	*2026-05-31
Antenna, Broadband Hybrid 30 MHz - 2 or 3 GHz	Sunol Sciences Corp.	JB3	204045	2027-05-31
Antenna, Horn 18-26.5GHz	A.R.A	MWH-1826/B	172363	2027-05-31
Link File, RF Amplifier Assembly, 18-26.5GHz, 60dB Gain	Ampical	AMP18G26.5-60	171500	2027-05-31
Antenna, Horn 26.5-40GHz	A.R.A	MWH-2640/B	172366	2027-05-31
Link File, RF Amplifier Assembly, 26.5-40GHz, 65dB Gain	Ampical	AMP26G40-65	172345	2027-05-31
EMI Test Receiver	Rohde & Schwarz	ESCI 7	82297	2027-02-28
Transient Limiter / Attenuator	Tekbox	TBFL1	207996	2026-12-30
LISN	Fischer Custom Communications, Inc.	FCC-LISN-50/250-25-2-01-480V	175765	2027-01-31
Radiated Software	UL	UL EMC	Version 9.5 25 Aug 2025	
Radiated Software	UL	Antenna Port	Version 2022.8.16, 2024.2.23	
AC Line Conducted Software	UL	UL EMC	Version 9.5 25 Aug 2025	

**Tests were performed prior to the calibration due date to ensure accurate measurements were recorded.*

9. APPLICABLE LIMITS AND TEST RESULTS

9.1. 99% BANDWIDTH

LIMIT

None; for reporting purposes only.

TEST PROCEDURE

ANSI C63.10 Section 6.9.3

The transmitter output is connected to a spectrum analyzer. The RBW is in the range of 1% to 5% of the OBW bandwidth. The VBW is set to $\geq 3 \times \text{RBW}$. The sweep time is coupled.

Tabulated data provides the test results of all available test configurations. The plots for ANT1, CONFIG 9, Payload 125 on CH9, ANT2, CONFIG 9, Payload 125 on CH5, and ANT2, CONFIG 9, Payload 125 on CH9 bandwidth measurement are presented and same measurement settings apply to the rest of the test configurations.

RESULTS

Employee IDs: 27927,32553

Location: 05-RDE-C

Test Date: 4/23/26 – 5/01/26

ANT1, CH9

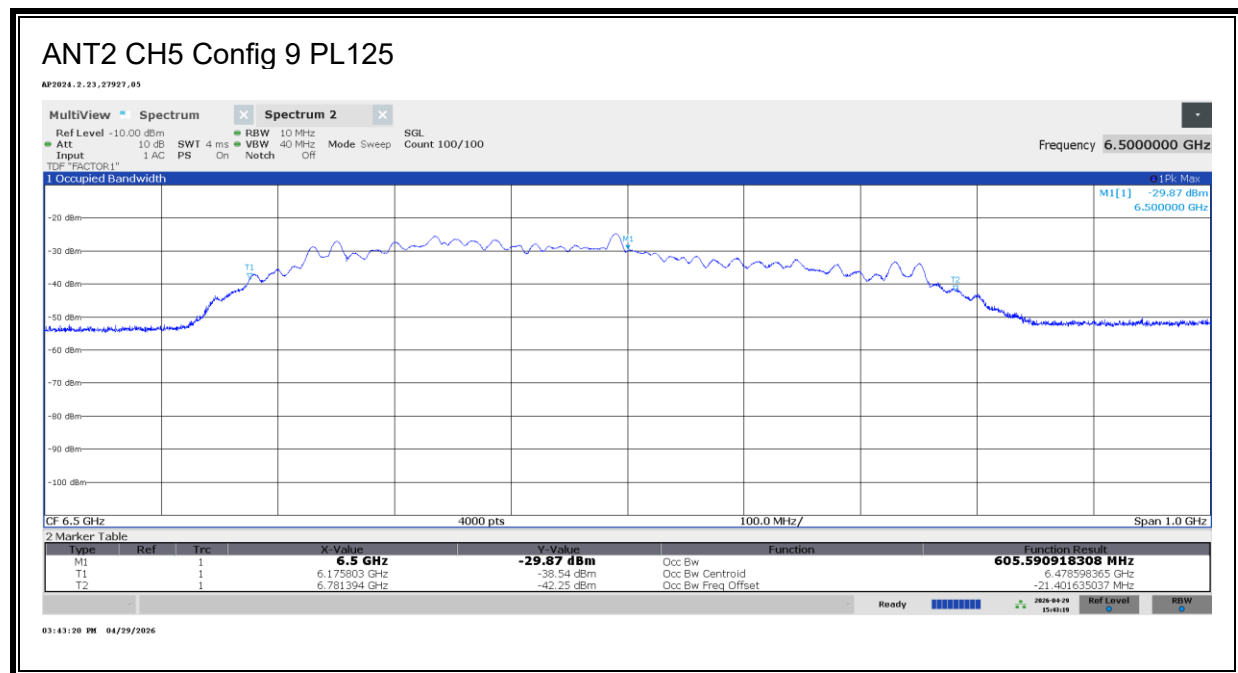
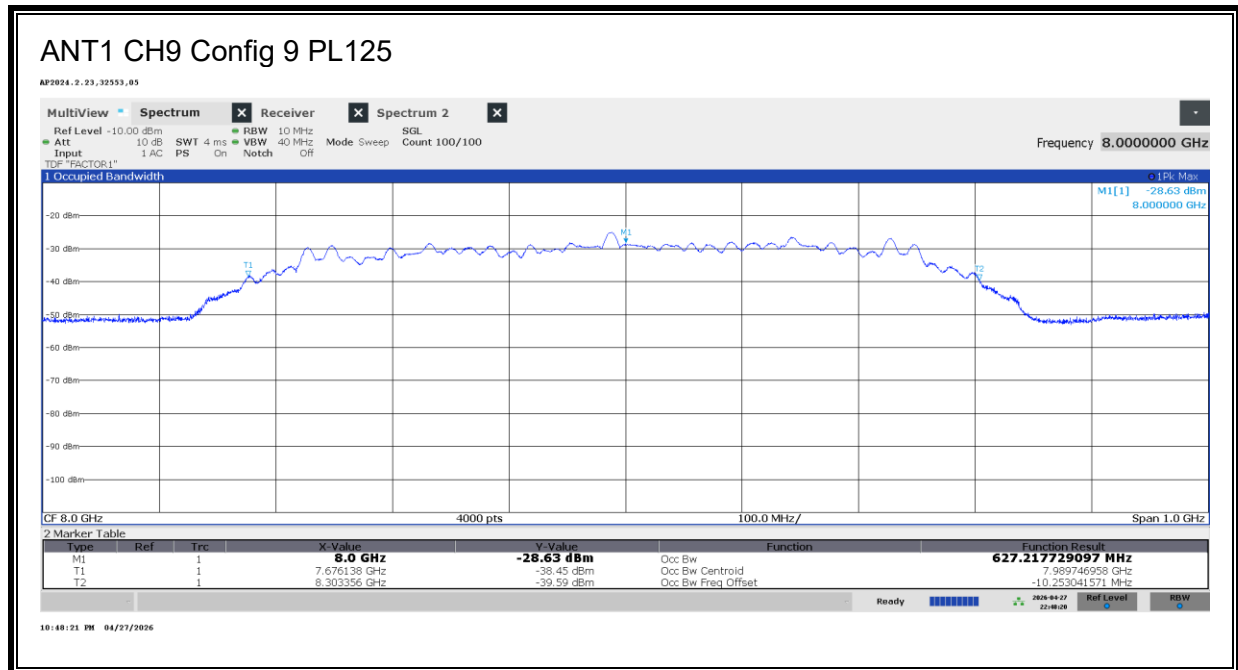
ANT	CH	CF	PL	EUT Orientation	Ant. Polarity	99% BW (MHz)
1	9	0	25	Flatbed	V	608.283223
1	9	1	45	Flatbed	V	606.5035
1	9	6	125	Flatbed	V	625.52005
1	9	7	65	Flatbed	V	615.5553
1	9	9	65	Flatbed	V	624.643
1	9	9	125	Flatbed	V	627.2177
1	9	10	25	Flatbed	V	608.5055
1	9	11	25	Flatbed	V	606.225
1	9	11	65	Flatbed	V	610.1113
1	9	16	65	Flatbed	V	625.3411
1	9	101	25	Flatbed	V	606.4987
1	9	101	65	Flatbed	V	601.8382
1	9	102	25	Flatbed	V	599.7047
1	9	102	65	Flatbed	V	602.5181
1	9	103	25	Flatbed	V	601.781
1	9	103	125	Flatbed	V	607.2742
1	9	201	65	Flatbed	V	608.0017
1	9	202	625	Flatbed	V	771.7971
1	9	402	445	Flatbed	V	699.7389
1	9	501	0	Flatbed	V	587.7564
1	9	503	0	Flatbed	V	587.8652
1	9	601	0	Flatbed	V	609.0073
1	9	603	0	Flatbed	V	609.3657
1	9	605	0	Flatbed	V	603.6808
1	9	607	0	Flatbed	V	603.2229
1	9	701	0	Flatbed	V	594.2841
1	9	702	0	Flatbed	V	589.615
1	9	703	0	Flatbed	V	590.3808
1	9	704	0	Flatbed	V	620.5329
1	9	705	0	Flatbed	V	615.9347
1	9	706	0	Flatbed	V	616.4501
1	9	405	4093	Flatbed	V	740.7707
1	9	407	4093	Flatbed	V	734.9624
1	9	409	4093	Flatbed	V	753.4782
1	9	801	0Gap0	Flatbed	V	610.4836
1	9	801	0Gap64	Flatbed	V	611.495
1	9	802	0	Flatbed	V	613.2492
1	9	803	0	Flatbed	V	612.9131
1	9	804	0Gap0	Flatbed	V	619.104
1	9	804	0Gap64	Flatbed	V	619.574
1	9	805	0	Flatbed	V	622.2095
1	9	806	0	Flatbed	V	617.1139
1	9	807	0Gap0	Flatbed	V	611.24
1	9	807	0Gap64	Flatbed	V	608.9534
1	9	808	0	Flatbed	V	608.6032
1	9	809	0	Flatbed	V	608.4742
1	9	80A	0Gap0	Flatbed	V	619.9032
1	9	80A	0Gap64	Flatbed	V	618.6829
1	9	80B	0	Flatbed	V	615.6937
1	9	80C	0	Flatbed	V	620.7876

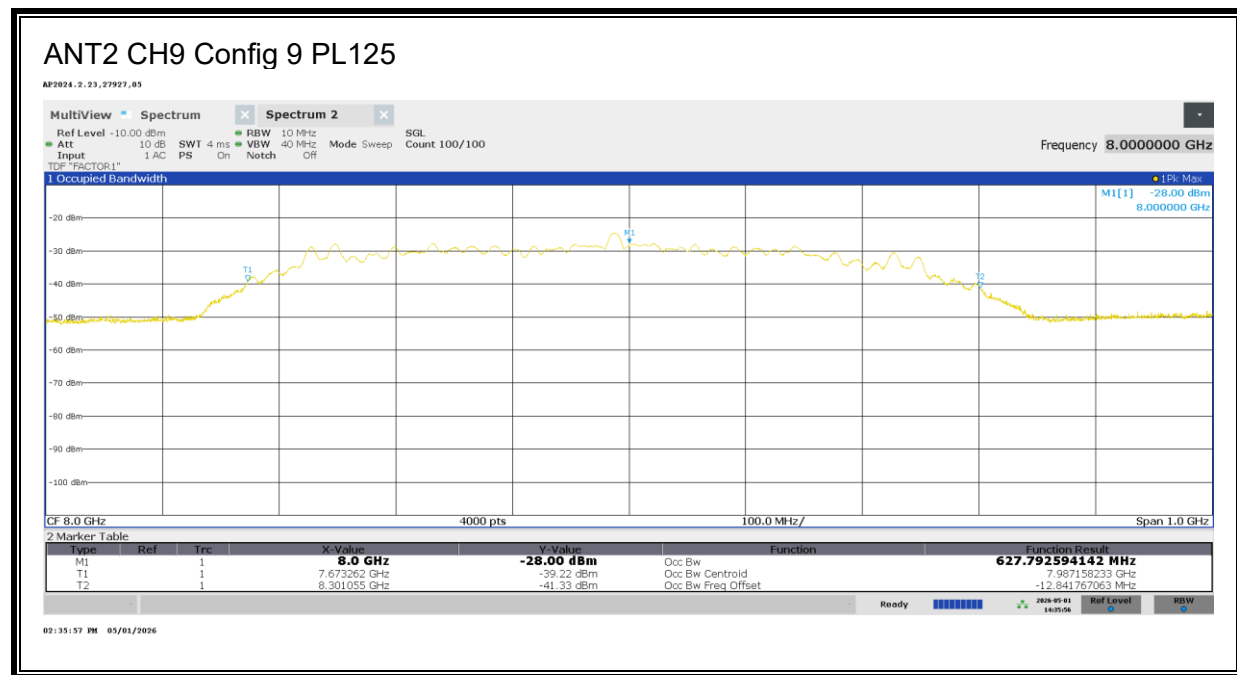
ANT2, CH5

ANT	CH	CF	PL	EUT Orientation	Ant. Polarity	99% BW (MHz)
2	5	0	25	Landscape Cam Up	H	585.3936
2	5	1	45	Landscape Cam Up	H	583.1643
2	5	6	125	Landscape Cam Up	H	601.3395
2	5	7	65	Landscape Cam Up	H	588.2149
2	5	9	65	Landscape Cam Up	H	600.8468
2	5	9	125	Landscape Cam Up	H	605.5909
2	5	10	25	Landscape Cam Up	H	584.3367
2	5	11	25	Landscape Cam Up	H	581.3924
2	5	11	65	Landscape Cam Up	H	586.9265
2	5	16	65	Landscape Cam Up	H	597.2393
2	5	101	25	Landscape Cam Up	H	581.4326
2	5	101	65	Landscape Cam Up	H	584.2869
2	5	102	25	Landscape Cam Up	H	581.9766
2	5	102	65	Landscape Cam Up	H	584.2956
2	5	103	25	Landscape Cam Up	H	582.9357
2	5	103	125	Landscape Cam Up	H	591.9463
2	5	201	65	Landscape Cam Up	H	609.1436
2	5	202	625	Landscape Cam Up	H	818.3909
2	5	402	445	Landscape Cam Up	H	740.6543
2	5	501	0	Landscape Cam Up	H	580.9628
2	5	503	0	Landscape Cam Up	H	579.5582
2	5	601	0	Landscape Cam Up	H	592.8202
2	5	603	0	Landscape Cam Up	H	592.9118
2	5	605	0	Landscape Cam Up	H	585.8296
2	5	607	0	Landscape Cam Up	H	584.7727
2	5	701	0	Landscape Cam Up	H	590.5396
2	5	702	0	Landscape Cam Up	H	577.8242
2	5	703	0	Landscape Cam Up	H	580.1935
2	5	704	0	Landscape Cam Up	H	614.3706
2	5	705	0	Landscape Cam Up	H	598.1855
2	5	706	0	Landscape Cam Up	H	600.6309
2	5	405	4093	Landscape Cam Up	H	773.9116
2	5	407	4093	Landscape Cam Up	H	757.7566
2	5	409	4093	Landscape Cam Up	H	771.3832
2	5	801	0Gap0	Landscape Cam Up	H	591.6602
2	5	801	0Gap64	Landscape Cam Up	H	592.0197
2	5	802	0	Landscape Cam Up	H	592.4026
2	5	803	0	Landscape Cam Up	H	587.496
2	5	804	0Gap0	Landscape Cam Up	H	614.0748
2	5	804	0Gap64	Landscape Cam Up	H	614.3758
2	5	805	0	Landscape Cam Up	H	614.7869
2	5	806	0	Landscape Cam Up	H	600.3386
2	5	807	0Gap0	Landscape Cam Up	H	590.8707
2	5	807	0Gap64	Landscape Cam Up	H	587.9656
2	5	808	0	Landscape Cam Up	H	588.2468
2	5	809	0	Landscape Cam Up	H	588.3634
2	5	80A	0Gap0	Landscape Cam Up	H	611.1909
2	5	80A	0Gap64	Landscape Cam Up	H	600.2654
2	5	80B	0	Landscape Cam Up	H	601.0584
2	5	80C	0	Landscape Cam Up	H	599.0603

ANT2, CH9

ANT	CH	CF	PL	EUT Orientation	Ant. Polarity	99% BW (MHz)
2	9	0	25	Landscape Cam Up	H	600.3065
2	9	1	45	Landscape Cam Up	H	601.3614
2	9	6	125	Landscape Cam Up	H	621.2924
2	9	7	65	Landscape Cam Up	H	606.8771
2	9	9	65	Landscape Cam Up	H	615.607
2	9	9	125	Landscape Cam Up	H	627.7926
2	9	10	25	Landscape Cam Up	H	598.4541
2	9	11	25	Landscape Cam Up	H	599.4428
2	9	11	65	Landscape Cam Up	H	600.5403
2	9	16	65	Landscape Cam Up	H	618.8713
2	9	101	25	Landscape Cam Up	H	599.1677
2	9	101	65	Landscape Cam Up	H	598.9552
2	9	102	25	Landscape Cam Up	H	598.9673
2	9	102	65	Landscape Cam Up	H	601.7029
2	9	103	25	Landscape Cam Up	H	599.2747
2	9	103	125	Landscape Cam Up	H	610.3569
2	9	201	65	Landscape Cam Up	H	628.9767
2	9	202	625	Landscape Cam Up	H	864.7192
2	9	402	445	Landscape Cam Up	H	815.6818
2	9	501	0	Landscape Cam Up	H	597.853
2	9	503	0	Landscape Cam Up	H	590.1326
2	9	601	0	Landscape Cam Up	H	618.9624
2	9	603	0	Landscape Cam Up	H	619.1008
2	9	605	0	Landscape Cam Up	H	603.4552
2	9	607	0	Landscape Cam Up	H	598.1931
2	9	701	0	Landscape Cam Up	H	605.6074
2	9	702	0	Landscape Cam Up	H	592.1426
2	9	703	0	Landscape Cam Up	H	596.632
2	9	704	0	Landscape Cam Up	H	627.4114
2	9	705	0	Landscape Cam Up	H	614.8729
2	9	706	0	Landscape Cam Up	H	616.4262
2	9	405	4093	Landscape Cam Up	H	828.4725
2	9	407	4093	Landscape Cam Up	H	795.5316
2	9	409	4093	Landscape Cam Up	H	805.0702
2	9	801	0Gap0	Landscape Cam Up	H	610.2884
2	9	801	0Gap64	Landscape Cam Up	H	612.6404
2	9	802	0	Landscape Cam Up	H	609.8004
2	9	803	0	Landscape Cam Up	H	607.0245
2	9	804	0Gap0	Landscape Cam Up	H	623.6904
2	9	804	0Gap64	Landscape Cam Up	H	625.8183
2	9	805	0	Landscape Cam Up	H	626.2378
2	9	806	0	Landscape Cam Up	H	620.5429
2	9	807	0Gap0	Landscape Cam Up	H	612.4457
2	9	807	0Gap64	Landscape Cam Up	H	605.9338
2	9	808	0	Landscape Cam Up	H	607.9303
2	9	809	0	Landscape Cam Up	H	607.6317
2	9	80A	0Gap0	Landscape Cam Up	H	626.0064
2	9	80A	0Gap64	Landscape Cam Up	H	618.4953
2	9	80B	0	Landscape Cam Up	H	619.5234
2	9	80C	0	Landscape Cam Up	H	619.3966

99% BW



9.2. OPERATING BANDWIDTH

LIMITS

FCC

§15.503 (a) *UWB bandwidth*. For the purpose of this subpart, the UWB bandwidth is the frequency band bounded by the points that are 10 dB below the highest radiated emission, as based on the complete transmission system including the antenna. The upper boundary is designated f_H and the lower boundary is designated f_L . The frequency at which the highest radiated emission occurs is designated f_M .

§15.503 (b) *Center frequency*. The center frequency, f_C , equals $(f_H + f_L)/2$.

§15.503 (c) *Fractional bandwidth*. The fractional bandwidth equals $2(f_H - f_L)/(f_H + f_L)$.

§15.503 (d) *Ultra-wideband (UWB) transmitter*. An intentional radiator that, at any point in time, has a fractional bandwidth equal to or greater than 0.20 or has a UWB bandwidth equal to or greater than 500 MHz, regardless of the fractional bandwidth.

§15.519 (b) The UWB bandwidth of a device operating under the provisions of this section must be contained between 3100 MHz and 10,600 MHz.

RSS-220

Section 2 A *UWB device* is an intentional radiator that has either a *-10 dB bandwidth* of at least 500 MHz or a *-10 dB fractional bandwidth* greater than 0.2.

Section 5.1 (a) The -10 dB bandwidth of the device shall be totally contained in the band 3.1-10.6 GHz.

“-10 dB bandwidth B_{-10} ” and “-10 dB fractional bandwidth μ_{-10} ” are defined as follows:

$$B_{-10} = f_H - f_L$$

$$\mu_{-10} = B_{-10}/f_C$$

where:

f_M is the frequency of maximum UWB transmission;

f_H is the highest frequency at which the power spectral density of the UWB transmission is -10 dB relative to f_M ;

f_L is the lowest frequency at which the power spectral density of the UWB transmission is -10 dB relative to f_M ; and

$f_C = (f_H + f_L)/2$ is the centre frequency of the -10 dB bandwidth.

TEST PROCEDURE

ANSI C63.10 Clause 10.1

RSS-220 Section 2 of the Annex

Tabulated data provides the test results of all available test configurations. The worst-case scenario of the minimum bandwidth plot has been presented, and the same measurement setup applies to the rest of the test configurations.

RESULTS

Employee IDs: 27927,32553

Location: 05-RDE-C

Test Date: 4/23/26 – 5/01/26

ANT1, CH9

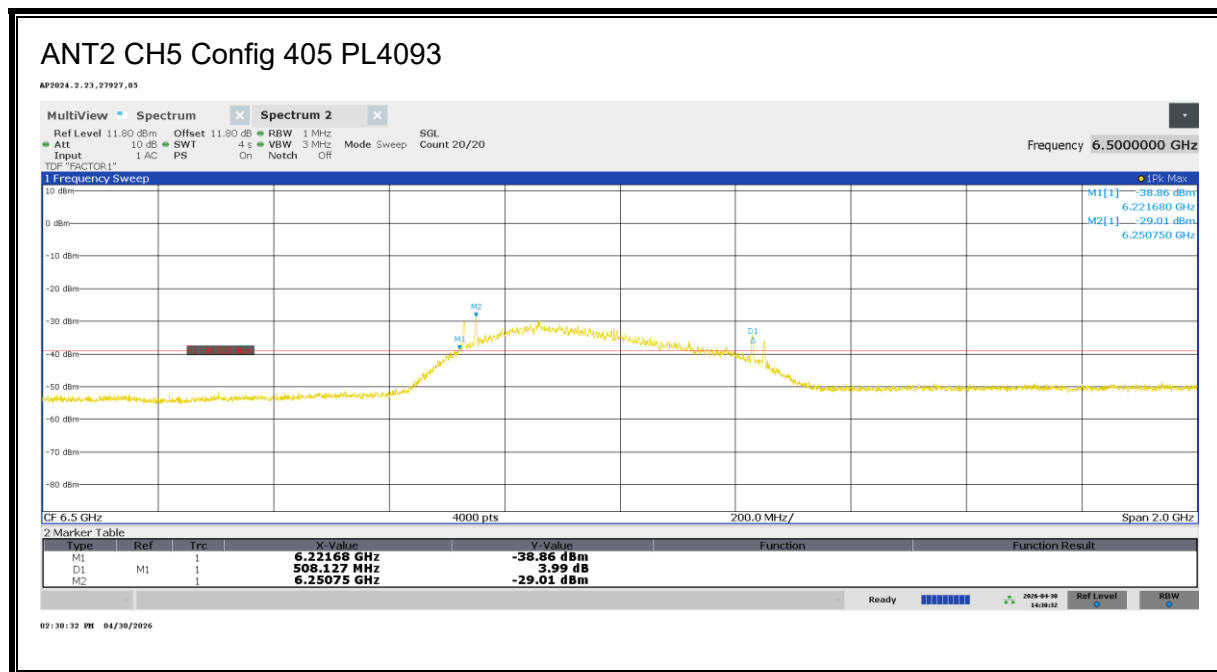
ANT	CH	CF	PL	EUT Orientation	Ant. Polarity	FM (GHz)	FL (GHz)	FH (GHz)	FC (GHz)	OBW (MHz)	Min. OBW (MHz)	OBW Margin (MHz)	OBW Pass/Fail
1	9	0	25	Flatbed	V	8.2263	7.7242	8.2503	7.9872	526.132	500	26.132	P
1	9	1	45	Flatbed	V	8.2263	7.7242	8.2503	7.9872	526.132	500	26.132	P
1	9	6	125	Flatbed	V	8.2263	7.7252	8.2493	7.9872	524.131	500	24.131	P
1	9	7	65	Flatbed	V	8.2263	7.7252	8.2493	7.9872	524.131	500	24.131	P
1	9	9	65	Flatbed	V	8.2263	7.7257	8.2488	7.9872	523.131	500	23.131	P
1	9	9	125	Flatbed	V	8.2263	7.7257	8.2488	7.9872	523.131	500	23.131	P
1	9	10	25	Flatbed	V	8.2263	7.7242	8.2503	7.9872	526.132	500	26.132	P
1	9	11	25	Flatbed	V	8.2263	7.7242	8.2503	7.9872	526.132	500	26.132	P
1	9	11	65	Flatbed	V	8.2263	7.7247	8.2503	7.9875	525.631	500	25.631	P
1	9	16	65	Flatbed	V	8.2263	7.7257	8.2488	7.9872	523.131	500	23.131	P
1	9	101	25	Flatbed	V	8.2263	7.7247	8.2503	7.9875	525.631	500	25.631	P
1	9	101	65	Flatbed	V	8.2263	7.7242	8.2503	7.9872	526.132	500	26.132	P
1	9	102	25	Flatbed	V	8.2263	7.7242	8.2503	7.9872	526.132	500	26.132	P
1	9	102	65	Flatbed	V	8.2268	7.7242	8.2503	7.9872	526.132	500	26.132	P
1	9	103	25	Flatbed	V	8.2263	7.7242	8.2503	7.9872	526.132	500	26.132	P
1	9	103	125	Flatbed	V	8.2263	7.7242	8.2503	7.9872	526.132	500	26.132	P
1	9	201	65	Flatbed	V	8.2263	7.7242	8.2503	7.9872	526.132	500	26.132	P
1	9	202	625	Flatbed	V	8.2263	7.7242	8.2503	7.9872	526.132	500	26.132	P
1	9	402	445	Flatbed	V	8.2263	7.7242	8.2503	7.9872	526.132	500	26.132	P
1	9	501	0	Flatbed	V	8.2263	7.7247	8.2503	7.9875	525.631	500	25.631	P
1	9	503	0	Flatbed	V	8.2268	7.7242	8.2503	7.9872	526.132	500	26.132	P
1	9	601	0	Flatbed	V	8.2263	7.7242	8.2503	7.9872	526.132	500	26.132	P
1	9	603	0	Flatbed	V	8.2263	7.7242	8.2503	7.9872	526.132	500	26.132	P
1	9	605	0	Flatbed	V	8.2268	7.7242	8.2503	7.9872	526.132	500	26.132	P
1	9	607	0	Flatbed	V	8.2263	7.7242	8.2503	7.9872	526.132	500	26.132	P
1	9	701	0	Flatbed	V	8.2258	7.7232	8.2513	7.9872	528.132	500	28.132	P
1	9	702	0	Flatbed	V	8.2263	7.7232	8.2513	7.9872	528.132	500	28.132	P
1	9	703	0	Flatbed	V	8.2263	7.7232	8.2513	7.9872	528.132	500	28.132	P
1	9	704	0	Flatbed	V	8.2263	7.7232	8.2658	7.9945	542.636	500	42.636	P
1	9	705	0	Flatbed	V	8.2258	7.7217	8.2613	7.9915	539.635	500	39.635	P
1	9	706	0	Flatbed	V	8.2263	7.7232	8.2718	7.9975	548.637	500	48.637	P
1	9	405	4093	Flatbed	V	8.2263	7.7182	8.2643	7.9912	546.137	500	46.137	P
1	9	407	4093	Flatbed	V	8.2263	7.7207	8.2628	7.9917	542.136	500	42.136	P
1	9	409	4093	Flatbed	V	8.2268	7.7242	8.2498	7.9870	525.631	500	25.631	P
1	9	801	0Gap0	Flatbed	V	8.0328	7.6917	8.2743	7.9830	582.646	500	82.646	P
1	9	801	0Gap64	Flatbed	V	8.2258	7.7142	8.2743	7.9942	560.140	500	60.14	P
1	9	802	0	Flatbed	V	8.2258	7.7157	8.2743	7.9950	558.640	500	58.64	P
1	9	803	0	Flatbed	V	8.2258	7.7157	8.2743	7.9950	558.640	500	58.64	P
1	9	804	0Gap0	Flatbed	V	8.2263	7.7087	8.2822	7.9954	573.543	500	73.543	P
1	9	804	0Gap64	Flatbed	V	8.2263	7.7157	8.2743	7.9950	558.640	500	58.64	P
1	9	805	0	Flatbed	V	8.2263	7.7157	8.2743	7.9950	558.640	500	58.64	P
1	9	806	0	Flatbed	V	8.2263	7.7157	8.2743	7.9950	558.640	500	58.64	P
1	9	807	0Gap0	Flatbed	V	8.2258	7.7692	8.3603	8.0647	591.148	500	91.148	P
1	9	807	0Gap64	Flatbed	V	8.0328	7.6917	8.2828	7.9872	591.148	500	91.148	P
1	9	808	0	Flatbed	V	8.2258	7.7057	8.2828	7.9942	577.144	500	77.144	P
1	9	809	0	Flatbed	V	8.2263	7.7062	8.2828	7.9945	576.644	500	76.644	P
1	9	80A	0Gap0	Flatbed	V	8.2263	7.7062	8.2828	7.9945	576.644	500	76.644	P
1	9	80A	0Gap64	Flatbed	V	8.2258	7.7042	8.2833	7.9937	579.145	500	79.145	P
1	9	80B	0	Flatbed	V	8.0328	7.7032	8.2823	7.9927	579.145	500	79.145	P
1	9	80C	0	Flatbed	V	8.2258	7.7057	8.2828	7.9942	577.144	500	77.144	P

ANT2, CH5

ANT	CH	CF	PL	EUT Orientation	Ant. Polarity	FM (GHz)	FL (GHz)	FH (GHz)	FC (GHz)	OBW (MHz)	Min. OBW (MHz)	OBW Margin (MHz)	OBW Pass/Fail
2	5	0	25	Landscape Cam Up	H	6.2508	6.2267	6.7518	6.4892	525.131	500	25.131	P
2	5	1	45	Landscape Cam Up	H	6.2508	6.2262	6.7518	6.4890	525.631	500	25.631	P
2	5	6	125	Landscape Cam Up	H	6.2503	6.2277	6.7508	6.4892	523.131	500	23.131	P
2	5	7	65	Landscape Cam Up	H	6.2277	6.2503	6.7734	6.5118	523.131	500	23.131	P
2	5	9	65	Landscape Cam Up	H	6.2503	6.2282	6.7508	6.4895	522.631	500	22.631	P
2	5	9	125	Landscape Cam Up	H	6.2503	6.2282	6.7508	6.4895	522.631	500	22.631	P
2	5	10	25	Landscape Cam Up	H	6.2503	6.2267	6.7518	6.4892	525.131	500	25.131	P
2	5	11	25	Landscape Cam Up	H	6.2508	6.2267	6.7518	6.4892	525.131	500	25.131	P
2	5	11	65	Landscape Cam Up	H	6.2503	6.2267	6.7518	6.4892	525.131	500	25.131	P
2	5	16	65	Landscape Cam Up	H	6.2503	6.2282	6.7508	6.4895	522.631	500	22.631	P
2	5	101	25	Landscape Cam Up	H	6.2508	6.2267	6.7518	6.4892	525.131	500	25.131	P
2	5	101	65	Landscape Cam Up	H	6.2503	6.2267	6.7518	6.4892	525.131	500	25.131	P
2	5	102	25	Landscape Cam Up	H	6.2508	6.2267	6.7518	6.4892	525.131	500	25.131	P
2	5	102	65	Landscape Cam Up	H	6.2503	6.2267	6.7518	6.4892	525.131	500	25.131	P
2	5	103	25	Landscape Cam Up	H	6.2503	6.2267	6.7518	6.4892	525.131	500	25.131	P
2	5	103	125	Landscape Cam Up	H	6.2508	6.2267	6.7518	6.4892	525.131	500	25.131	P
2	5	201	65	Landscape Cam Up	H	6.2503	6.2267	6.7518	6.4892	525.131	500	25.131	P
2	5	202	625	Landscape Cam Up	H	6.2503	6.2267	6.7518	6.4892	525.131	500	25.131	P
2	5	402	445	Landscape Cam Up	H	6.2503	6.2267	6.7518	6.4892	525.131	500	25.131	P
2	5	501	0	Landscape Cam Up	H	6.2508	6.2267	6.7518	6.4892	525.131	500	25.131	P
2	5	503	0	Landscape Cam Up	H	6.2503	6.2267	6.7513	6.4890	524.631	500	24.631	P
2	5	601	0	Landscape Cam Up	H	6.2503	6.2267	6.7518	6.4892	525.131	500	25.131	P
2	5	603	0	Landscape Cam Up	H	6.2503	6.2267	6.7518	6.4892	525.131	500	25.131	P
2	5	605	0	Landscape Cam Up	H	6.2508	6.2267	6.7518	6.4892	525.131	500	25.131	P
2	5	607	0	Landscape Cam Up	H	6.2503	6.2262	6.7518	6.4890	525.631	500	25.631	P
2	5	701	0	Landscape Cam Up	H	6.2508	6.2252	6.7523	6.4887	527.132	500	27.132	P
2	5	702	0	Landscape Cam Up	H	6.2508	6.2252	6.7523	6.4887	527.132	500	27.132	P
2	5	703	0	Landscape Cam Up	H	6.2508	6.2252	6.7523	6.4887	527.132	500	27.132	P
2	5	704	0	Landscape Cam Up	H	6.2508	6.2172	6.7523	6.4847	535.134	500	35.134	P
2	5	705	0	Landscape Cam Up	H	6.2513	6.2237	6.7523	6.4880	528.632	500	28.632	P
2	5	706	0	Landscape Cam Up	H	6.2508	6.2177	6.7523	6.4850	534.634	500	34.634	P
2	5	405	4093	Landscape Cam Up	H	6.2508	6.2217	6.7298	6.4757	508.127	500	8.127	P
2	5	407	4093	Landscape Cam Up	H	6.2503	6.2027	6.7513	6.4770	548.637	500	48.637	P
2	5	409	4093	Landscape Cam Up	H	6.2503	6.2267	6.7518	6.4892	525.131	500	25.131	P
2	5	801	0Gap0	Landscape Cam Up	H	6.2508	6.2102	6.7528	6.4815	542.636	500	42.636	P
2	5	801	0Gap64	Landscape Cam Up	H	6.2508	6.2162	6.7523	6.4842	536.134	500	36.134	P
2	5	802	0	Landscape Cam Up	H	6.2508	6.2057	6.7523	6.4790	546.637	500	46.637	P
2	5	803	0	Landscape Cam Up	H	6.2508	6.2162	6.7523	6.4842	536.134	500	36.134	P
2	5	804	0Gap0	Landscape Cam Up	H	6.3648	6.2112	6.7518	6.4815	540.635	500	40.635	P
2	5	804	0Gap64	Landscape Cam Up	H	6.2508	6.2027	6.7523	6.4775	549.637	500	49.637	P
2	5	805	0	Landscape Cam Up	H	6.2508	6.2032	6.7523	6.4777	549.137	500	49.137	P
2	5	806	0	Landscape Cam Up	H	6.2513	6.2162	6.7523	6.4842	536.134	500	36.134	P
2	5	807	0Gap0	Landscape Cam Up	H	6.2508	6.2072	6.7523	6.4797	545.136	500	45.136	P
2	5	807	0Gap64	Landscape Cam Up	H	6.2508	6.2102	6.7523	6.4812	542.136	500	42.136	P
2	5	808	0	Landscape Cam Up	H	6.2508	6.1942	6.7523	6.4732	558.140	500	58.14	P
2	5	809	0	Landscape Cam Up	H	6.2508	6.2097	6.7523	6.4810	542.636	500	42.636	P
2	5	80A	0Gap0	Landscape Cam Up	H	6.3648	6.2112	6.7518	6.4815	540.635	500	40.635	P
2	5	80A	0Gap64	Landscape Cam Up	H	6.3648	6.2182	6.7523	6.4852	534.134	500	34.134	P
2	5	80B	0	Landscape Cam Up	H	6.3653	6.2107	6.7523	6.4815	541.635	500	41.635	P
2	5	80C	0	Landscape Cam Up	H	6.3648	6.2112	6.7523	6.4817	541.135	500	41.135	P

ANT2, CH9

ANT	CH	CF	PL	EUT Orientation	Ant. Polarity	FM (GHz)	FL (GHz)	FH (GHz)	FC (GHz)	OBW (MHz)	Min. OBW (MHz)	OBW Margin (MHz)	OBW Pass/Fail
2	9	0	25	Landscape Cam Up	H	7.7483	7.7242	8.2498	7.9870	525.631	500	25.631	P
2	9	1	45	Landscape Cam Up	H	7.7483	7.7247	8.2509	7.9878	526.132	500	26.132	P
2	9	6	125	Landscape Cam Up	H	7.7478	7.7252	8.2488	7.9870	523.631	500	23.631	P
2	9	7	65	Landscape Cam Up	H	7.7478	7.7252	8.2488	7.9870	523.631	500	23.631	P
2	9	9	65	Landscape Cam Up	H	7.7478	7.7257	8.2483	7.9870	522.631	500	22.631	P
2	9	9	125	Landscape Cam Up	H	7.7478	7.7257	8.2483	7.9870	522.631	500	22.631	P
2	9	10	25	Landscape Cam Up	H	7.7483	7.7242	8.2498	7.9870	525.631	500	25.631	P
2	9	11	25	Landscape Cam Up	H	7.7483	7.7242	8.2498	7.9870	525.631	500	25.631	P
2	9	11	65	Landscape Cam Up	H	7.7483	7.7242	8.2498	7.9870	525.631	500	25.631	P
2	9	16	65	Landscape Cam Up	H	7.7483	7.7257	8.2483	7.9870	522.631	500	22.631	P
2	9	101	25	Landscape Cam Up	H	7.7483	7.7242	8.2498	7.9870	525.631	500	25.631	P
2	9	101	65	Landscape Cam Up	H	7.7483	7.7242	8.2503	7.9872	526.132	500	26.132	P
2	9	102	25	Landscape Cam Up	H	7.7483	7.7242	8.2498	7.9870	525.631	500	25.631	P
2	9	102	65	Landscape Cam Up	H	7.7483	7.7242	8.2498	7.9870	525.631	500	25.631	P
2	9	103	25	Landscape Cam Up	H	7.7483	7.7242	8.2503	7.9872	526.132	500	26.132	P
2	9	103	125	Landscape Cam Up	H	7.7483	7.7242	8.2503	7.9872	526.132	500	26.132	P
2	9	201	65	Landscape Cam Up	H	7.7483	7.7242	8.2498	7.9870	525.631	500	25.631	P
2	9	202	625	Landscape Cam Up	H	7.7483	7.7242	8.2498	7.9870	525.631	500	25.631	P
2	9	402	445	Landscape Cam Up	H	7.7483	7.7242	8.2498	7.9870	525.631	500	25.631	P
2	9	501	0	Landscape Cam Up	H	7.7483	7.7242	8.2498	7.9870	525.631	500	25.631	P
2	9	503	0	Landscape Cam Up	H	7.7483	7.7242	8.2503	7.9872	526.132	500	26.132	P
2	9	601	0	Landscape Cam Up	H	7.7483	7.7242	8.2503	7.9872	526.132	500	26.132	P
2	9	603	0	Landscape Cam Up	H	7.7483	7.7242	8.2503	7.9872	526.132	500	26.132	P
2	9	605	0	Landscape Cam Up	H	7.7483	7.7242	8.2498	7.9870	525.631	500	25.631	P
2	9	607	0	Landscape Cam Up	H	7.7483	7.7242	8.2503	7.9872	526.132	500	26.132	P
2	9	701	0	Landscape Cam Up	H	7.7483	7.7232	8.2513	7.9872	528.132	500	28.132	P
2	9	702	0	Landscape Cam Up	H	7.7483	7.7232	8.2513	7.9872	528.132	500	28.132	P
2	9	703	0	Landscape Cam Up	H	7.7483	7.7232	8.2513	7.9872	528.132	500	28.132	P
2	9	704	0	Landscape Cam Up	H	7.7483	7.7087	8.2658	7.9872	557.139	500	57.139	P
2	9	705	0	Landscape Cam Up	H	7.7483	7.7132	8.2528	7.9830	539.635	500	39.635	P
2	9	706	0	Landscape Cam Up	H	7.7483	7.7027	8.2713	7.9870	568.642	500	68.642	P
2	9	405	4093	Landscape Cam Up	H	7.7478	7.7027	8.2648	7.9837	562.141	500	62.141	P
2	9	407	4093	Landscape Cam Up	H	8.0188	7.7002	8.2533	7.9767	553.138	500	53.138	P
2	9	409	4093	Landscape Cam Up	H	7.7478	7.7242	8.2498	7.9870	525.631	500	25.631	P
2	9	801	0Gap0	Landscape Cam Up	H	8.0493	7.7072	8.2668	7.9870	559.640	500	59.64	P
2	9	801	0Gap64	Landscape Cam Up	H	8.0498	7.7032	8.2608	7.9820	557.639	500	57.639	P
2	9	802	0	Landscape Cam Up	H	8.0498	7.7032	8.2708	7.9870	567.642	500	67.642	P
2	9	803	0	Landscape Cam Up	H	8.0498	7.7007	8.2608	7.9807	560.140	500	60.14	P
2	9	804	0Gap0	Landscape Cam Up	H	8.0498	7.7077	8.2668	7.9872	559.140	500	59.14	P
2	9	804	0Gap64	Landscape Cam Up	H	8.0498	7.7002	8.2713	7.9857	571.143	500	71.143	P
2	9	805	0	Landscape Cam Up	H	8.0493	7.7002	8.2738	7.9870	573.643	500	73.643	P
2	9	806	0	Landscape Cam Up	H	8.0498	7.7002	8.2713	7.9857	571.143	500	71.143	P
2	9	807	0Gap0	Landscape Cam Up	H	8.0328	7.7077	8.2653	7.9865	557.639	500	57.639	P
2	9	807	0Gap64	Landscape Cam Up	H	8.0663	7.7037	8.2593	7.9815	555.639	500	55.639	P
2	9	808	0	Landscape Cam Up	H	8.0493	7.7062	8.2658	7.9860	559.640	500	59.64	P
2	9	809	0	Landscape Cam Up	H	8.0493	7.7092	8.2583	7.9837	549.137	500	49.137	P
2	9	80A	0Gap0	Landscape Cam Up	H	8.0493	7.7072	8.2583	7.9827	551.138	500	51.138	P
2	9	80A	0Gap64	Landscape Cam Up	H	8.0498	7.7077	8.2658	7.9867	558.140	500	58.14	P
2	9	80B	0	Landscape Cam Up	H	8.0498	7.7037	8.2513	7.9775	547.637	500	47.637	P
2	9	80C	0	Landscape Cam Up	H	8.0498	7.7077	8.2523	7.9800	544.636	500	44.636	P

WORST MINIMUM OPERATING BANDWIDTH

9.3. PEAK POWER AND MAXIMUM AVERAGE EMISSIONS LIMITS**LIMIT****FCC**

15.519 (e) There is a limit on the peak level of the emissions contained within a 50 MHz bandwidth centered on the frequency at which the highest radiated emission occurs, f_M . That limit is 0 dBm EIRP.

15.519 (c) The radiated emissions above 960 MHz from a device operating under the provisions of this section shall not exceed the following average limits when measured using a resolution bandwidth of 1 MHz:

Frequency in MHz	EIRP in dBm
3100 - 10600	-41.3

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Annex, Section 4 (c) Peak measurements shall be made in addition to average measurements. Transmissions shall not exceed 0 dBm e.i.r.p. in any 50 MHz bandwidth when the average limit is -41.3 dBm/MHz.

Section 5.3.1 (d) Radiated emissions above 960 MHz from a device shall not exceed the following average limits when measured using a resolution bandwidth of 1 MHz.

Frequency	E.I.R.P. in a Resolution Bandwidth of 1 MHz
4.75 – 10.6 GHz	-41.3

TEST PROCEDURE

ANSI C63.10 Clause 10.3

RSS-220 Annex

Peak EIPR power is measured using RBW of 50 MHz.

****Peak measurements were validated to have same readings as a wider bandwidth receiver, regardless of YIG Filter Bandwidth Notice.***

The radiated emissions of 5 - 9 GHz frequency band are performed at 3-meter test distance.

Tabulated data provides the test results of all available test configurations. The worst readings of the maximum peak and average emissions plots have been presented, and the same measurement setup applies to the rest of the test configurations.

RESULTS

Employee IDs: 27927,32553

Location: 05-RDE-C

Test Date: 4/23/26 – 5/01/26

ANT1, CH9

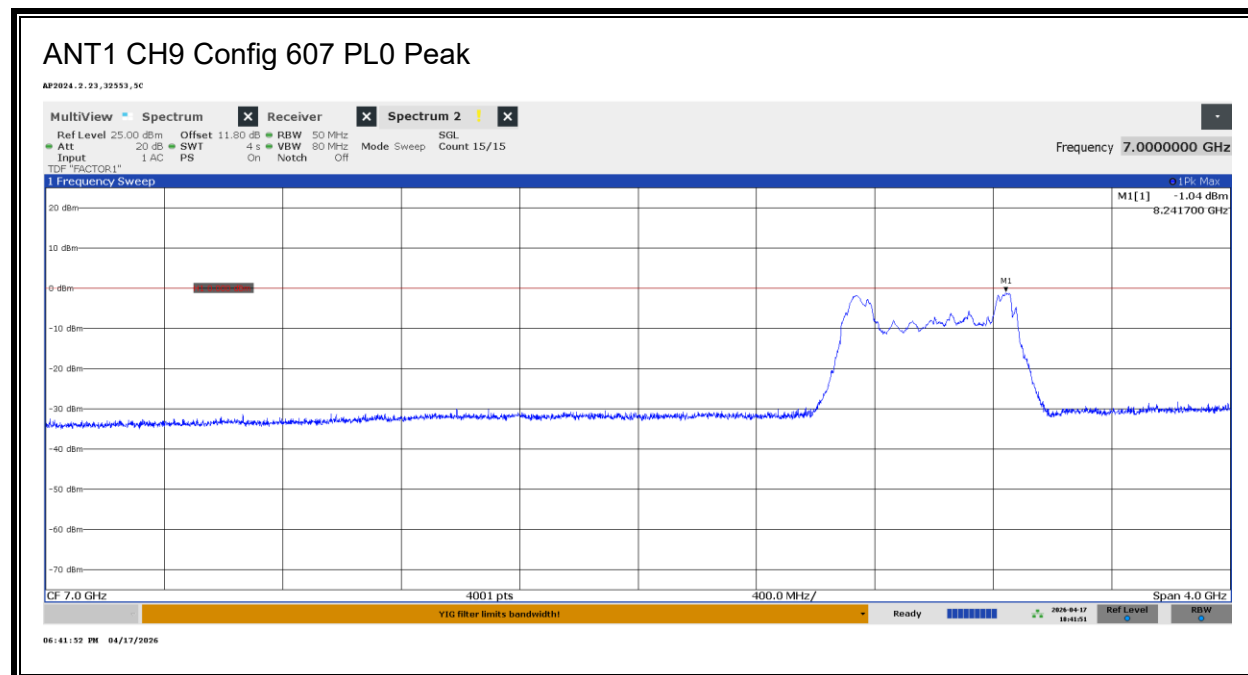
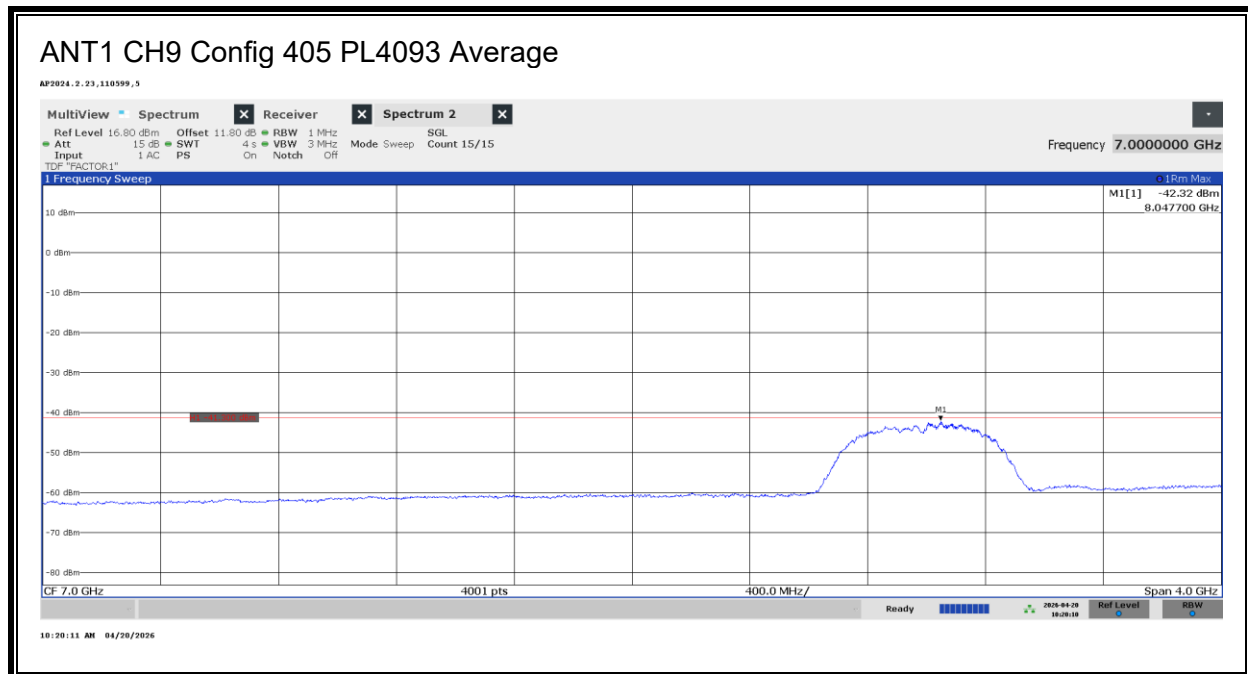
ANT	CH	CF	PL	EUT Orientation	Ant. Polarity	Max Pk	Peak EIRP Power				Max Av	Average EIRP Power			
							FM (GHz)	Adj Pk	Pk Limit	Margin (dB)		FM (GHz)	Adj Av	Avg Limit	Margin (dB)
1	9	0	25	Flatbed	V	7.80	8.2147	-2.96	0	-2.96	-27.95	8.0647	-42.53	-41.3	-1.23
1	9	1	45	Flatbed	V	5.95	7.9918	-2.02	0	-2.02	-34.39	8.1277	-42.62	-41.3	-1.32
1	9	6	125	Flatbed	V	7.70	7.9918	-6.17	0	-6.17	-28.56	8.0987	-42.57	-41.3	-1.27
1	9	7	65	Flatbed	V	7.18	7.9918	-4.25	0	-4.25	-31.12	8.0877	-42.53	-41.3	-1.23
1	9	9	65	Flatbed	V	7.86	7.9928	-6.00	0	-6.00	-28.71	8.0987	-42.60	-41.3	-1.30
1	9	9	125	Flatbed	V	7.14	7.9918	-7.48	0	-7.48	-27.60	8.1007	-42.37	-41.3	-1.07
1	9	10	25	Flatbed	V	5.70	7.9918	-2.71	0	-2.71	-34.16	8.1277	-42.63	-41.3	-1.33
1	9	11	25	Flatbed	V	5.75	7.9918	-1.31	0	-1.31	-35.79	8.1277	-42.86	-41.3	-1.56
1	9	11	65	Flatbed	V	5.68	7.9878	-2.67	0	-2.67	-34.14	7.9558	-42.63	-41.3	-1.33
1	9	16	65	Flatbed	V	7.38	7.9898	-6.41	0	-6.41	-28.86	8.0997	-42.69	-41.3	-1.39
1	9	101	25	Flatbed	V	5.62	7.9918	-1.41	0	-1.41	-36.06	8.1277	-43.10	-41.3	-1.80
1	9	101	65	Flatbed	V	5.67	7.9918	-2.71	0	-2.71	-34.30	7.9558	-42.68	-41.3	-1.38
1	9	102	25	Flatbed	V	5.77	7.9918	-1.37	0	-1.37	-35.80	8.1277	-42.89	-41.3	-1.59
1	9	102	65	Flatbed	V	5.68	7.9918	-2.68	0	-2.68	-34.26	7.9558	-42.59	-41.3	-1.29
1	9	103	25	Flatbed	V	5.67	7.9728	-2.80	0	-2.80	-34.12	8.1277	-42.61	-41.3	-1.31
1	9	103	125	Flatbed	V	5.73	7.9908	-5.35	0	-5.35	-31.65	7.9558	-42.79	-41.3	-1.49
1	9	201	65	Flatbed	V	1.33	8.2407	-5.44	0	-5.44	-35.85	8.0987	-42.44	-41.3	-1.14
1	9	202	625	Flatbed	V	0.99	8.2527	-12.67	0	-12.67	-28.63	8.1007	-42.46	-41.3	-1.16
1	9	402	445	Flatbed	V	1.06	8.2407	-11.16	0	-11.16	-30.21	8.0987	-42.55	-41.3	-1.25
1	9	501	0	Flatbed	V	3.44	8.2417	-1.30	0	-1.30	-38.78	8.0967	-43.53	-41.3	-2.23
1	9	503	0	Flatbed	V	3.44	8.2407	-1.34	0	-1.34	-39.10	8.1037	-43.81	-41.3	-2.51
1	9	601	0	Flatbed	V	0.34	8.2407	-3.26	0	-3.26	-38.83	8.0987	-42.49	-41.3	-1.19
1	9	603	0	Flatbed	V	0.36	8.2417	-3.36	0	-3.36	-38.79	8.1287	-42.66	-41.3	-1.36
1	9	605	0	Flatbed	V	0.37	8.2407	-1.10	0	-1.10	-41.52	8.1287	-42.97	-41.3	-1.67
1	9	607	0	Flatbed	V	0.29	8.2417	-1.04	0	-1.04	-41.42	8.1287	-42.98	-41.3	-1.68
1	9	701	0	Flatbed	V	0.22	8.2527	-2.87	0	-2.87	-39.39	8.1047	-42.62	-41.3	-1.32
1	9	702	0	Flatbed	V	1.15	8.2537	-1.41	0	-1.41	-40.55	8.1287	-43.06	-41.3	-1.76
1	9	703	0	Flatbed	V	0.31	8.2527	-1.35	0	-1.35	-40.85	8.0997	-42.57	-41.3	-1.27
1	9	704	0	Flatbed	V	-4.22	8.1217	-7.16	0	-7.16	-39.69	7.9588	-42.77	-41.3	-1.47
1	9	705	0	Flatbed	V	-2.52	8.1157	-2.52	0	-2.52	-42.34	8.0997	-42.34	-41.3	-1.04
1	9	706	0	Flatbed	V	-5.02	8.1177	-4.76	0	-4.76	-42.83	8.1007	-42.54	-41.3	-1.24
1	9	405	4093	Flatbed	V	-0.57	8.2167	-13.13	0	-13.13	-29.35	8.0477	-42.32	-41.3	-1.02
1	9	407	4093	Flatbed	V	-0.53	8.2157	-13.11	0	-13.11	-29.97	8.0477	-42.69	-41.3	-1.39
1	9	409	4093	Flatbed	V	2.26	8.2167	-13.27	0	-13.27	-27.19	8.0477	-42.69	-41.3	-1.39
1	9	801	0Gap0	Flatbed	V	-0.58	8.2157	-2.39	0	-2.39	-40.84	8.0487	-42.62	-41.3	-1.32
1	9	801	0Gap64	Flatbed	V	-0.84	8.2157	-3.12	0	-3.12	-40.53	8.0497	-42.52	-41.3	-1.22
1	9	802	0	Flatbed	V	-0.08	8.2157	-3.00	0	-3.00	-39.58	8.0497	-42.53	-41.3	-1.23
1	9	803	0	Flatbed	V	-0.03	8.2147	-1.75	0	-1.75	-40.83	8.0497	-42.50	-41.3	-1.20
1	9	804	0Gap0	Flatbed	V	-0.99	8.2157	-5.27	0	-5.27	-37.93	8.0787	-42.50	-41.3	-1.20
1	9	804	0Gap64	Flatbed	V	-0.52	8.2147	-5.49	0	-5.49	-37.47	8.0497	-42.66	-41.3	-1.36
1	9	805	0	Flatbed	V	0.02	8.2157	-5.42	0	-5.42	-37.02	8.0497	-42.67	-41.3	-1.37
1	9	806	0	Flatbed	V	0.00	8.2157	-4.50	0	-4.50	-38.27	8.0807	-42.75	-41.3	-1.45
1	9	807	0Gap0	Flatbed	V	-0.52	8.2157	-2.74	0	-2.74	-40.42	8.0487	-43.04	-41.3	-1.74
1	9	807	0Gap64	Flatbed	V	-0.02	8.2157	-1.54	0	-1.54	-41.05	8.1417	-42.70	-41.3	-1.40
1	9	808	0	Flatbed	V	0.06	8.2157	-1.51	0	-1.51	-41.10	8.0017	-42.81	-41.3	-1.51
1	9	809	0	Flatbed	V	0.12	8.2147	-1.49	0	-1.49	-41.07	8.0477	-42.51	-41.3	-1.21
1	9	80A	0Gap0	Flatbed	V	-0.99	8.2147	-5.22	0	-5.22	-38.32	8.0487	-42.53	-41.3	-1.23
1	9	80A	0Gap64	Flatbed	V	0.01	8.2147	-4.52	0	-4.52	-38.12	8.0507	-42.64	-41.3	-1.34
1	9	80B	0	Flatbed	V	0.11	8.2157	-4.42	0	-4.42	-38.08	8.0487	-42.33	-41.3	-1.03
1	9	80C	0	Flatbed	V	0.20	8.2157	-4.53	0	-4.53	-37.98	8.0507	-42.78	-41.3	-1.48

ANT2, CH5

ANT	CH	CF	PL	EUT Orientation	Ant. Polarity	Max Pk	Peak EIRP Power				Max Av	Average EIRP Power			
							FM (GHz)	Adj Pk	Pk Limit	Margin (dB)		FM (GHz)	Adj Av	Avg Limit	Margin (dB)
2	5	0	25	Landscape Cam Up	H	6.36	6.3712	-3.60	0	-3.60	-32.59	6.3582	-42.59	-41.3	-1.29
2	5	1	45	Landscape Cam Up	H	6.35	6.3702	-3.06	0	-3.06	-33.14	6.3492	-42.60	-41.3	-1.30
2	5	6	125	Landscape Cam Up	H	7.52	6.4881	-8.56	0	-8.56	-26.84	6.3692	-42.79	-41.3	-1.49
2	5	7	65	Landscape Cam Up	H	6.49	6.3582	-6.26	0	-6.26	-29.78	6.3492	-42.57	-41.3	-1.27
2	5	9	65	Landscape Cam Up	H	7.30	6.4921	-8.15	0	-8.15	-27.42	6.3662	-42.74	-41.3	-1.44
2	5	9	125	Landscape Cam Up	H	7.50	6.4891	-9.15	0	-9.51	-25.81	6.3672	-42.71	-41.3	-1.41
2	5	10	25	Landscape Cam Up	H	4.57	6.3852	-3.38	0	-3.38	-34.67	6.3582	-42.38	-41.3	-1.08
2	5	11	25	Landscape Cam Up	H	4.60	6.3722	-1.97	0	-1.97	-35.96	6.3962	-42.49	-41.3	-1.19
2	5	11	65	Landscape Cam Up	H	4.55	6.3722	-4.15	0	-4.15	-34.21	6.3962	-42.96	-41.3	-1.66
2	5	16	65	Landscape Cam Up	H	5.84	6.4911	-7.77	0	-7.77	-28.96	6.3992	-42.61	-41.3	-1.31
2	5	101	25	Landscape Cam Up	H	4.58	6.3852	-2.00	0	-2.00	-36.17	6.4001	-42.73	-41.3	-1.43
2	5	101	65	Landscape Cam Up	H	4.57	6.3802	-3.68	0	-3.68	-34.29	6.3962	-42.55	-41.3	-1.25
2	5	102	25	Landscape Cam Up	H	4.59	6.3842	-1.94	0	-1.94	-35.97	6.3962	-42.48	-41.3	-1.18
2	5	102	65	Landscape Cam Up	H	4.66	6.3722	-3.65	0	-3.65	-34.14	6.3962	-42.42	-41.3	-1.12
2	5	103	25	Landscape Cam Up	H	4.61	6.3722	-3.39	0	-3.39	-34.35	6.3582	-42.35	-41.3	-1.05
2	5	103	125	Landscape Cam Up	H	4.58	6.3862	-6.24	0	-6.24	-31.75	6.3962	-42.65	-41.3	-1.35
2	5	201	65	Landscape Cam Up	H	1.78	6.2432	-7.79	0	-7.79	-33.24	6.3652	-42.80	-41.3	-1.50
2	5	202	625	Landscape Cam Up	H	2.02	6.2392	-13.86	0	-13.86	-26.50	6.3652	-42.65	-41.3	-1.35
2	5	402	445	Landscape Cam Up	H	2.08	6.2472	-12.12	0	-12.12	-28.33	6.3632	-42.61	-41.3	-1.31
2	5	501	0	Landscape Cam Up	H	4.46	6.2442	-1.52	0	-1.52	-36.88	6.3592	-42.73	-41.3	-1.43
2	5	503	0	Landscape Cam Up	H	4.43	6.2452	-1.27	0	-1.27	-37.04	6.3592	-42.64	-41.3	-1.34
2	5	601	0	Landscape Cam Up	H	1.53	6.2432	-4.30	0	-4.30	-36.95	6.3822	-42.77	-41.3	-1.47
2	5	603	0	Landscape Cam Up	H	1.23	6.2442	-4.71	0	-4.71	-36.72	6.3822	-42.73	-41.3	-1.43
2	5	605	0	Landscape Cam Up	H	1.48	6.2412	-1.61	0	-1.61	-39.40	6.3962	-42.51	-41.3	-1.21
2	5	607	0	Landscape Cam Up	H	1.46	6.2432	-1.49	0	-1.49	-39.47	6.3962	-42.55	-41.3	-1.25
2	5	701	0	Landscape Cam Up	H	1.48	6.2442	-4.02	0	-4.02	-37.09	6.3582	-42.64	-41.3	-1.34
2	5	702	0	Landscape Cam Up	H	2.26	6.2422	-1.85	0	-1.85	-38.41	6.3592	-42.49	-41.3	-1.19
2	5	703	0	Landscape Cam Up	H	1.51	6.2442	-2.33	0	-2.33	-38.96	6.3622	-42.76	-41.3	-1.46
2	5	704	0	Landscape Cam Up	H	-2.99	6.3652	-8.30	0	-8.30	-37.39	6.3652	-42.73	-41.3	-1.43
2	5	705	0	Landscape Cam Up	H	-1.05	6.3642	-3.52	0	-3.52	-40.15	6.3612	-42.55	-41.3	-1.25
2	5	706	0	Landscape Cam Up	H	-3.25	6.3652	-5.12	0	-5.12	-40.67	6.3592	-42.62	-41.3	-1.32
2	5	405	4093	Landscape Cam Up	H	-1.13	6.2412	-16.24	0	-16.24	-27.31	6.3612	-42.58	-41.3	-1.28
2	5	407	4093	Landscape Cam Up	H	-1.22	6.2452	-15.50	0	-15.50	-28.18	6.3602	-42.66	-41.3	-1.36
2	5	409	4093	Landscape Cam Up	H	2.26	6.3632	-14.85	0	-14.85	-25.38	6.3582	-42.76	-41.3	-1.46
2	5	801	0Gap0	Landscape Cam Up	H	-1.03	6.2432	-5.54	0	-5.54	-38.31	6.3652	-42.72	-41.3	-1.42
2	5	801	0Gap64	Landscape Cam Up	H	-1.93	6.2372	-5.30	0	-5.30	-38.99	6.3862	-42.53	-41.3	-1.23
2	5	802	0	Landscape Cam Up	H	-0.77	6.2442	-5.28	0	-5.28	-37.99	6.3572	-42.59	-41.3	-1.29
2	5	803	0	Landscape Cam Up	H	-0.77	6.2462	-4.23	0	-4.23	-39.12	6.3862	-42.70	-41.3	-1.40
2	5	804	0Gap0	Landscape Cam Up	H	-1.89	6.2432	-8.85	0	-8.85	-35.78	6.3652	-42.58	-41.3	-1.28
2	5	804	0Gap64	Landscape Cam Up	H	-1.05	6.2432	-8.55	0	-8.55	-35.66	6.3962	-42.70	-41.3	-1.40
2	5	805	0	Landscape Cam Up	H	-0.74	6.2412	-8.57	0	-8.57	-35.18	6.3602	-42.76	-41.3	-1.46
2	5	806	0	Landscape Cam Up	H	-0.76	6.2362	-6.71	0	-6.71	-36.44	6.3862	-42.74	-41.3	-1.44
2	5	807	0Gap0	Landscape Cam Up	H	-1.07	6.2442	-5.30	0	-5.30	-38.32	6.3652	-42.41	-41.3	-1.11
2	5	807	0Gap64	Landscape Cam Up	H	-0.80	6.2432	-4.73	0	-4.73	-38.64	6.3942	-42.66	-41.3	-1.36
2	5	808	0	Landscape Cam Up	H	-0.79	6.2432	-4.48	0	-4.48	-38.60	6.3942	-42.44	-41.3	-1.14
2	5	809	0	Landscape Cam Up	H	-0.52	6.2462	-4.47	0	-4.47	-38.54	6.3552	-42.61	-41.3	-1.31
2	5	80A	0Gap0	Landscape Cam Up	H	-1.68	6.2432	-8.14	0	-8.14	-36.11	6.3652	-42.67	-41.3	-1.37
2	5	80A	0Gap64	Landscape Cam Up	H	-0.50	6.2422	-6.44	0	-6.44	-36.63	6.3542	-42.53	-41.3	-1.23
2	5	80B	0	Landscape Cam Up	H	-0.46	6.2432	-6.34	0	-6.34	-36.48	6.4021	-42.47	-41.3	-1.17
2	5	80C	0	Landscape Cam Up	H	-0.38	6.2412	-6.37	0	-6.37	-36.54	6.3620	-42.53	-41.3	-1.23

ANT2, CH9

ANT	CH	CF	PL	EUT Orientation	Ant. Polarity	Max Pk	Peak EIRP Power				Max Av	Average EIRP Power			
							FM (GHz)	Adj Pk	Pk Limit	Margin (dB)		FM (GHz)	Adj Av	Avg Limit	Margin (dB)
2	9	0	25	Landscape Cam Up	H	9.30	8.0007	-1.74	0	-1.74	-31.38	8.0027	-42.53	-41.3	-1.23
2	9	1	45	Landscape Cam Up	H	9.35	8.0027	-1.42	0	-1.42	-32.60	8.0187	-43.51	-41.3	-2.21
2	9	6	125	Landscape Cam Up	H	11.06	7.9998	-5.42	0	-5.42	-26.16	8.0067	-42.72	-41.3	-1.42
2	9	7	65	Landscape Cam Up	H	10.34	7.9998	-3.67	0	-3.67	-28.90	8.0017	-42.79	-41.3	-1.49
2	9	9	65	Landscape Cam Up	H	12.01	8.0177	-3.93	0	-3.93	-26.52	8.0117	-42.67	-41.3	-1.37
2	9	9	125	Landscape Cam Up	H	12.11	8.0157	-5.30	0	-5.30	-25.14	8.0067	-42.64	-41.3	-1.34
2	9	10	25	Landscape Cam Up	H	7.97	8.0037	-1.15	0	-1.15	-33.37	8.0647	-42.56	-41.3	-1.26
2	9	11	25	Landscape Cam Up	H	7.99	8.0017	-1.06	0	-1.06	-35.02	8.0647	-44.16	-41.3	-2.86
2	9	11	65	Landscape Cam Up	H	7.96	8.0027	-1.53	0	-1.53	-33.19	8.0187	-42.70	-41.3	-1.40
2	9	16	65	Landscape Cam Up	H	10.49	8.0177	-3.91	0	-3.91	-28.07	8.0117	-42.52	-41.3	-1.22
2	9	101	25	Landscape Cam Up	H	8.02	8.0027	-1.22	0	-1.22	-35.19	8.0647	-44.28	-41.3	-2.98
2	9	101	65	Landscape Cam Up	H	7.99	8.0027	-1.20	0	-1.20	-33.23	8.0187	-42.64	-41.3	-1.34
2	9	102	25	Landscape Cam Up	H	8.03	8.0037	-1.25	0	-1.25	-35.05	8.0647	-44.25	-41.3	-2.95
2	9	102	65	Landscape Cam Up	H	7.90	8.0027	-1.22	0	-1.22	-33.26	7.9558	-42.77	-41.3	-1.47
2	9	103	25	Landscape Cam Up	H	7.91	8.0017	-1.31	0	-1.31	-33.47	8.0647	-42.60	-41.3	-1.30
2	9	103	125	Landscape Cam Up	H	7.04	8.0017	-5.01	0	-5.01	-30.59	7.9558	-42.61	-41.3	-1.31
2	9	201	65	Landscape Cam Up	H	2.63	7.9998	-7.12	0	-7.12	-33.01	8.0037	-42.62	-41.3	-1.32
2	9	202	625	Landscape Cam Up	H	2.38	7.7308	-13.72	0	-13.72	-26.23	8.0017	-42.44	-41.3	-1.14
2	9	402	445	Landscape Cam Up	H	2.40	7.9998	-12.21	0	-12.21	-27.83	8.0017	-42.48	-41.3	-1.18
2	9	501	0	Landscape Cam Up	H	4.71	7.7378	-1.82	0	-1.82	-36.01	8.0017	-42.42	-41.3	-1.12
2	9	503	0	Landscape Cam Up	H	4.70	7.7358	-1.60	0	-1.60	-36.37	8.0027	-42.49	-41.3	-1.19
2	9	601	0	Landscape Cam Up	H	1.72	7.7368	-5.04	0	-5.04	-35.99	8.0047	-42.66	-41.3	-1.36
2	9	603	0	Landscape Cam Up	H	1.71	7.7388	-4.80	0	-4.80	-36.17	8.0047	-42.49	-41.3	-1.19
2	9	605	0	Landscape Cam Up	H	1.70	7.7378	-2.31	0	-2.31	-38.51	8.0037	-42.46	-41.3	-1.16
2	9	607	0	Landscape Cam Up	H	1.72	7.7388	-2.04	0	-2.04	-38.54	8.0047	-42.43	-41.3	-1.13
2	9	701	0	Landscape Cam Up	H	1.83	7.7388	-4.17	0	-4.17	-36.60	8.0047	-42.65	-41.3	-1.35
2	9	702	0	Landscape Cam Up	H	2.60	7.7378	-2.41	0	-2.41	-37.61	8.0037	-42.63	-41.3	-1.33
2	9	703	0	Landscape Cam Up	H	1.82	7.7378	-2.66	0	-2.66	-38.24	8.0057	-42.75	-41.3	-1.45
2	9	704	0	Landscape Cam Up	H	-0.90	7.9998	-6.65	0	-6.65	-36.85	7.9588	-42.56	-41.3	-1.26
2	9	705	0	Landscape Cam Up	H	0.24	8.1127	-2.81	0	-2.81	-39.63	8.0037	-42.57	-41.3	-1.27
2	9	706	0	Landscape Cam Up	H	-2.14	8.0427	-4.57	0	-4.57	-40.06	8.0037	-42.45	-41.3	-1.15
2	9	405	4093	Landscape Cam Up	H	1.20	8.0507	-14.25	0	-14.25	-26.92	8.0037	-42.59	-41.3	-1.29
2	9	407	4093	Landscape Cam Up	H	1.06	8.0497	-13.82	0	-13.82	-27.53	8.0017	-42.39	-41.3	-1.09
2	9	409	4093	Landscape Cam Up	H	3.05	7.9998	-14.39	0	-14.39	-24.85	8.0007	-42.37	-41.3	-1.07
2	9	801	0Gap0	Landscape Cam Up	H	-0.87	7.7388	-5.20	0	-5.20	-38.19	7.9458	-42.77	-41.3	-1.47
2	9	801	0Gap64	Landscape Cam Up	H	-1.06	7.7408	-5.16	0	-5.16	-38.26	8.0087	-42.50	-41.3	-1.20
2	9	802	0	Landscape Cam Up	H	0.09	7.7368	-5.07	0	-5.07	-37.52	8.0087	-42.48	-41.3	-1.18
2	9	803	0	Landscape Cam Up	H	0.07	7.7378	-4.08	0	-4.08	-38.57	8.0087	-42.58	-41.3	-1.28
2	9	804	0Gap0	Landscape Cam Up	H	-0.96	7.7358	-8.06	0	-8.06	-35.57	8.0287	-42.64	-41.3	-1.34
2	9	804	0Gap64	Landscape Cam Up	H	-0.77	7.7368	-8.08	0	-8.08	-35.14	8.0187	-42.62	-41.3	-1.32
2	9	805	0	Landscape Cam Up	H	0.07	7.7378	-8.07	0	-8.07	-34.65	8.0037	-42.57	-41.3	-1.27
2	9	806	0	Landscape Cam Up	H	0.04	8.2377	-7.02	0	-7.02	-35.91	8.0087	-42.57	-41.3	-1.27
2	9	807	0Gap0	Landscape Cam Up	H	-0.80	7.7388	-5.14	0	-5.14	-38.18	8.0287	-42.63	-41.3	-1.33
2	9	807	0Gap64	Landscape Cam Up	H	0.05	7.7368	-4.56	0	-4.56	-38.04	7.9578	-42.53	-41.3	-1.23
2	9	808	0	Landscape Cam Up	H	0.08	7.7368	-4.29	0	-4.29	-38.09	7.9578	-42.32	-41.3	-1.02
2	9	809	0	Landscape Cam Up	H	0.10	7.7378	-4.34	0	-4.34	-38.48	8.0167	-42.41	-41.3	-1.11
2	9	80A	0Gap0	Landscape Cam Up	H	-0.92	8.2387	-8.03	0	-8.03	-35.61	7.9458	-42.63	-41.3	-1.33
2	9	80A	0Gap64	Landscape Cam Up	H	0.10	7.7388	-6.80	0	-6.80	-36.09	7.9508	-42.50	-41.3	-1.20
2	9	80B	0	Landscape Cam Up	H	0.12	7.7398	-6.95	0	-6.95	-35.97	8.0237	-42.77	-41.3	-1.47
2	9	80C	0	Landscape Cam Up	H	0.10	7.7388	-6.90	0	-6.90	-35.92	8.0027	-42.69	-41.3	-1.39

WORST-CASE OF PEAK POWER AND MAXIMUM AVERAGE EMISSIONS

9.4. CESSATION TIME

LIMITS

FCC

§15.519(a)(1) A UWB device operating under the provisions of this section shall transmit only when it is sending information to an associated receiver. The UWB intentional radiator shall cease transmission within 10 seconds unless it receives an acknowledgement from the associated receiver that its transmission is being received. An acknowledgment of reception must continue to be received by the UWB intentional radiator at least every 10 seconds or the UWB device must cease transmitting.

RSS-220

Section 5.3.1 (b) The device is to transmit only when it is sending information to an associated receiver. The device shall cease transmission of information within 10 seconds unless it receives an acknowledgement from the associated receiver that its transmission is being received. An acknowledgment of reception must continue to be received by the UWB device at least every 10 seconds or the UWB device shall cease transmitting any information other than periodic signals used for the establishment or re-establishment of a communication link with an associated receiver.

TEST PROCEDURES

* Initiator = EUT

* Responder = associated receiver

Transmissions are monitored for two cases:

1. The Initiator ends the UWB link.
2. The Responder ends the UWB link.

RESULTS

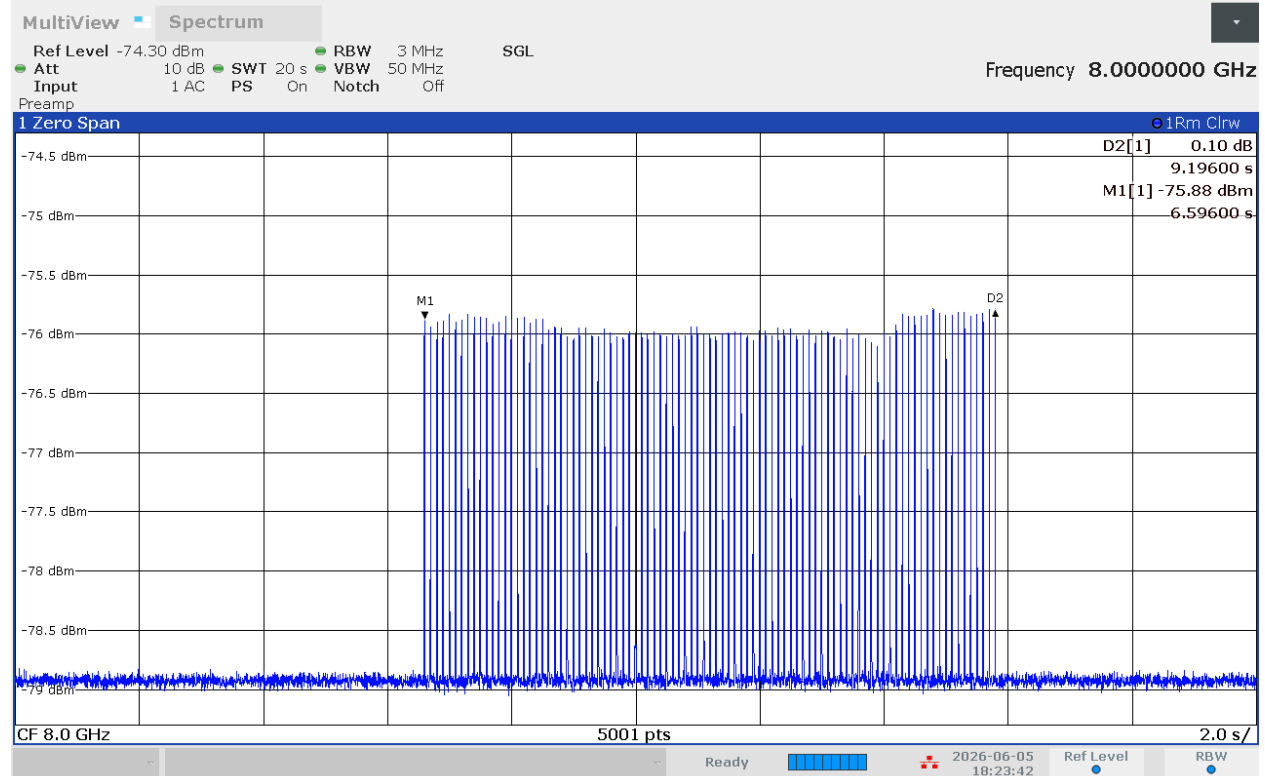
Employee ID: 27927, 110599
 Location: Chamber 05-RDE-A
 Test Date: 6/5/2026

Signal Levels on all Plots

- Initiator is Low Amplitude
- Responder is High Amplitude

Case 1: Initiator ends the UWB link

AP2022.8.16, 02-RDE-



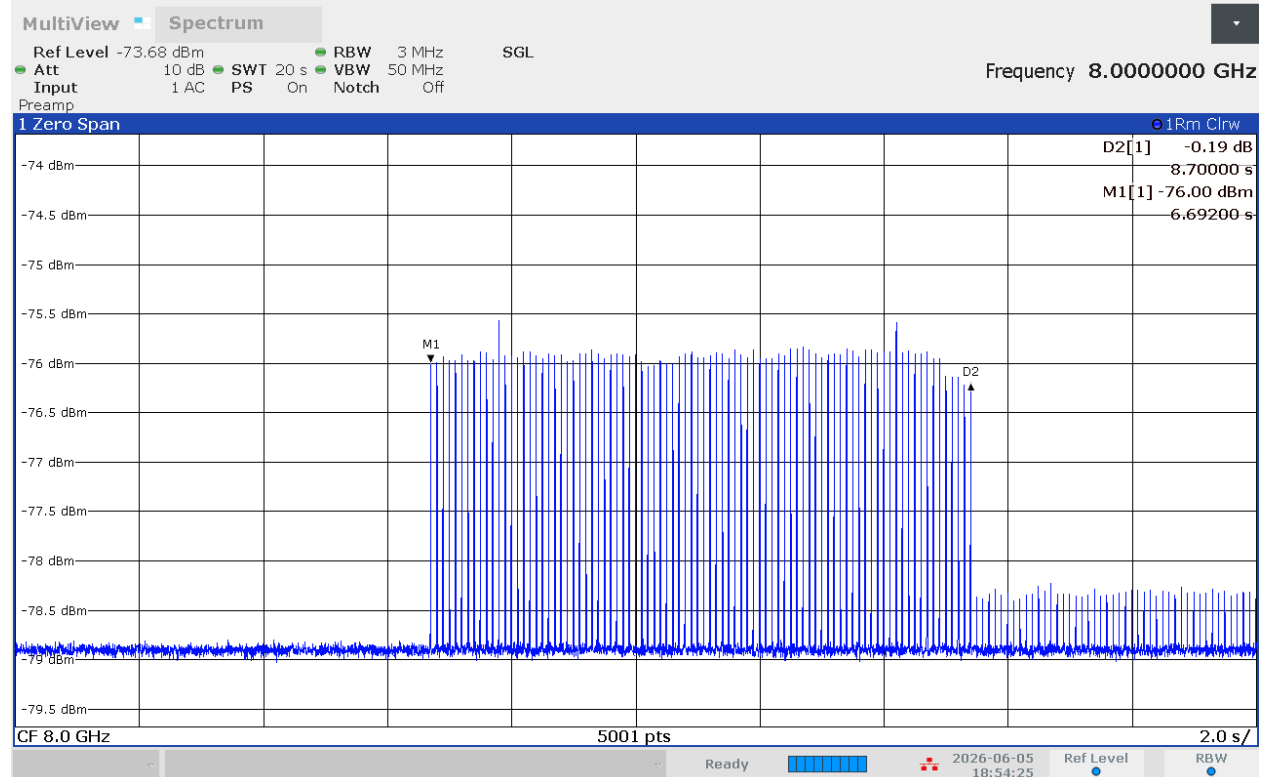
06:23:43 PM 06/05/2026

RESULT

- M1: The Initiator receives an Acknowledgement from the Responder and starts transmitting.
- D2: The Initiator ceases transmission and polling.

Case 2: Responder ends the UWB link

AP2022.8.16, 02-RDE-



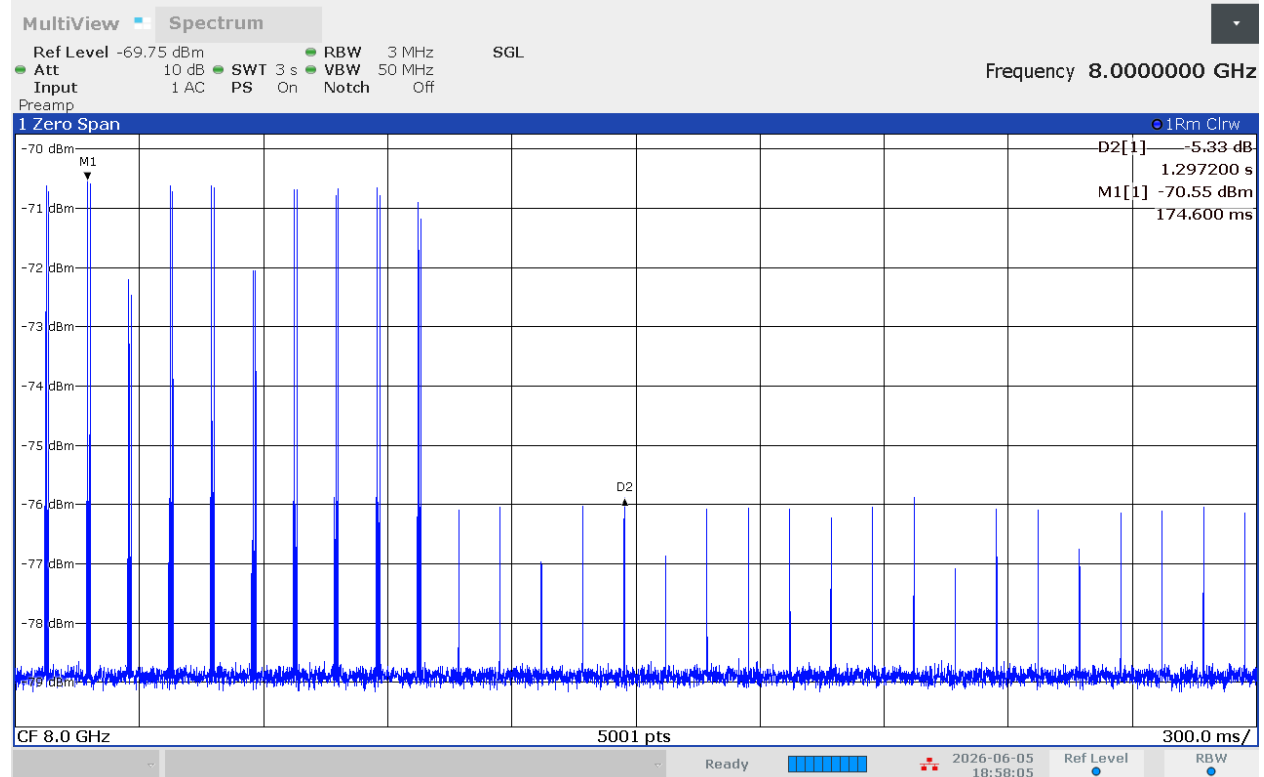
06:54:26 PM 06/05/2026

RESULT

- M1: The Initiator receives an Acknowledgement from the Responder and starts transmitting.
- D2: The Responder stops sending acknowledgments and the Initiator continues polling.

Zoom-in Plot during On-Off Transition

AP2022.8.16, 02-RDE-



06:58:05 PM 06/05/2026

RESULT

- M1: Shows Link Traffic, Acknowledgements and Polling Signals while Link is established
- D2: Shows Polling Signals after Link has ended

9.5. EMISSIONS BELOW 960 MHz**LIMITS****FCC**

§15.519 (c) The radiated emissions at or below 960 MHz from a device operating under the provisions of this section shall not exceed the emission levels in §15.209. The radiated emissions above 960 MHz from a device operating under the provisions of this section shall not exceed the following average limits when measured using a resolution bandwidth of 1 MHz:

15.209 (a)

Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	30
30-88	100**	3
88-216	150**	3
216-960	200**	3

RSS-220

Section 3.4 Radiated emissions at or below 960 MHz for all subclasses of UWB device shall not exceed the following limits. Measurements of radiated emissions at and below 960 MHz are to be made using a CISPR quasi-peak detector. CISPR measurement bandwidth specifications are to be used.

Frequency (MHz)	Field Strength (Microvolts/m)	Measurement Distance (Metres)	E.i.r.p. (dBmW)
0.009-0.490	2,400/F (F in kHz)	300	$10 \log (17.28 / F^2)$ (F in kHz)
0.490-1.705	24,000/F (F in kHz)	30	$10 \log (17.28 / F^2)$ (F in kHz)
1.705-30	30	30	-45.7
30-88	100	3	-55.2
88-216	150	3	-51.7
216-960	200	3	-49.2

Note: The emission limits for the bands 9-90 kHz and 110-490 kHz are based on measurements employing an average emissions detector.

TEST PROCEDURE

ANSI C63.10 Clause 10.2

RSS-220 Annex

Measurements are made with the antenna feeding a spectrum analyzer via a preamplifier and cables, at a maximum distance of 3m from the EUT.

For below 30 MHz testing, investigation was done on three antenna orientations: RX antenna Face-on, Face-off and horizontal (parallel to ground). The worst-case configurations were determined on RX antenna Face-on and Face-off; therefore, all final tests were performed using these two orientations.

Although these tests were performed other than open area test site, adequate comparison measurements were confirmed against 30 meter open area test site. Therefore, sufficient tests were made to demonstrate that the alternative site produces results that correlate with the ones of tests made in an open field based on KDB 414788.

A final test is made at any frequencies at which emissions are found. During this final scan, the antenna is kept no further from the EUT than the maximum distance calculated for each band that yields a minimum system noise floor.

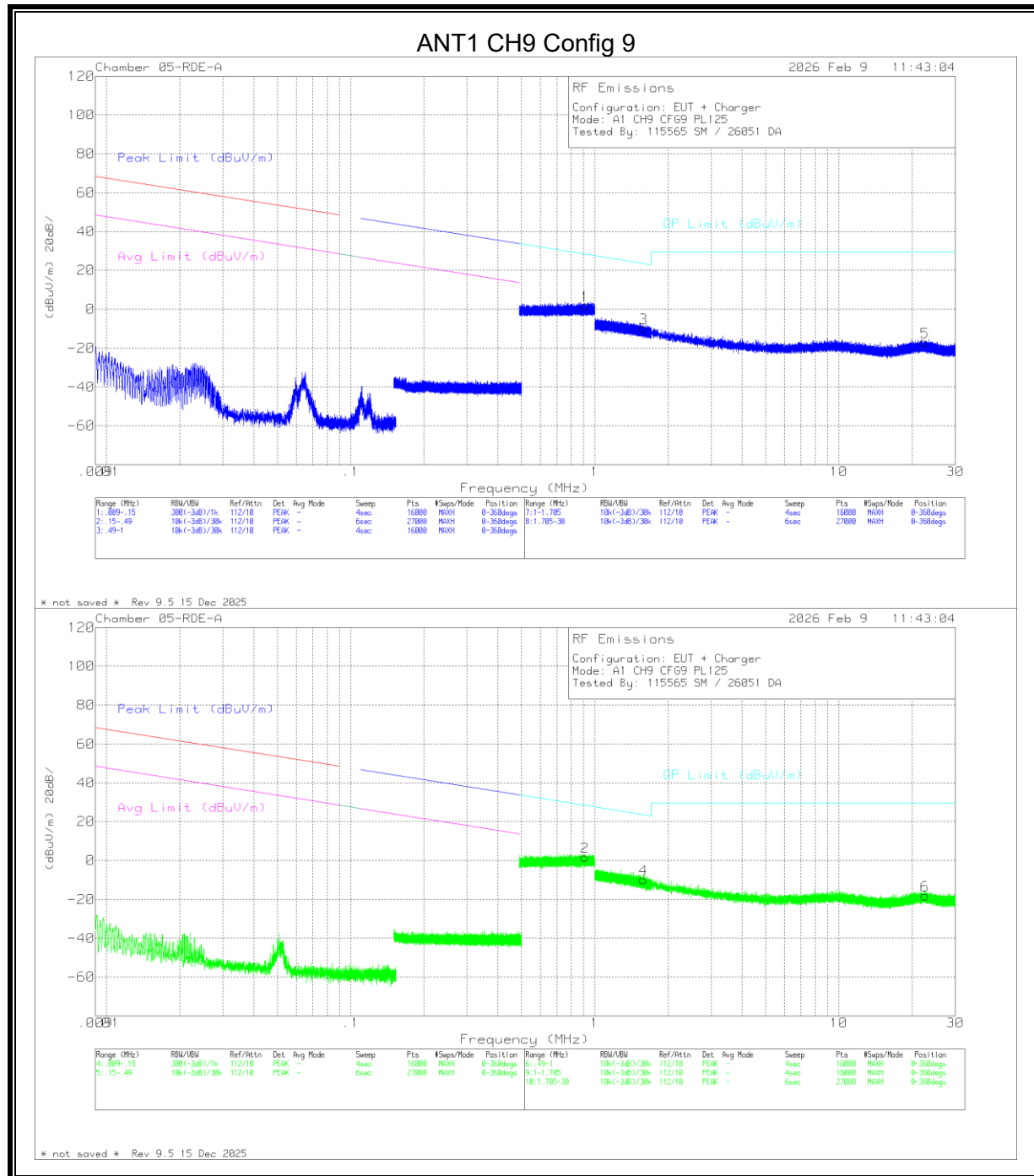
RESULTS**Emissions Summary**

Employee IDs: 115565, 26051, 32553, 115599

Location: 05-RDE-A

Test Date: 2/2/26 – 4/24/26

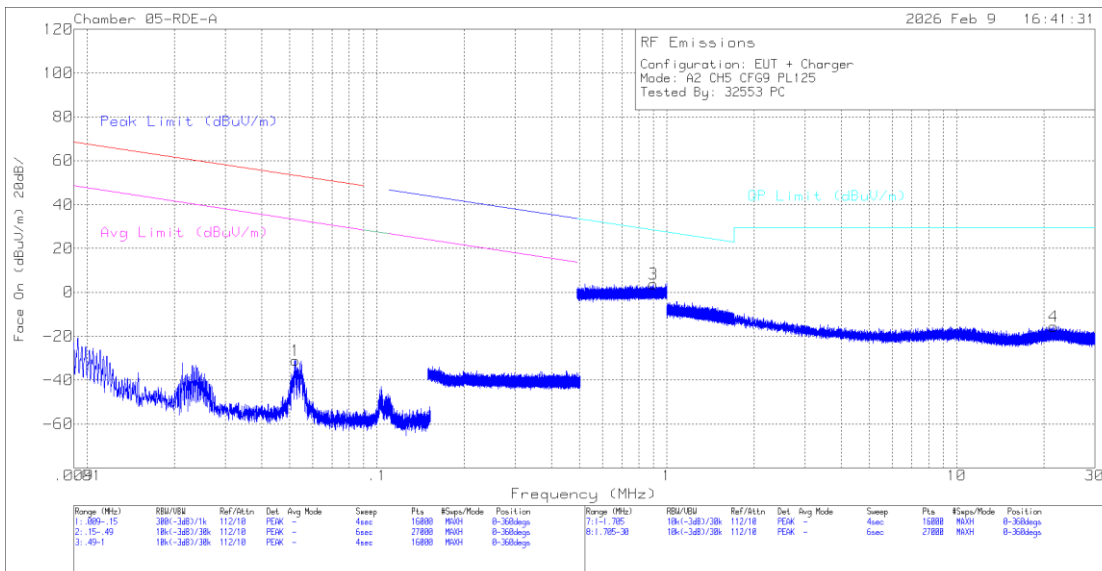
Ant	CH	Config	Payload	Power Setting	Frequency Range	
					9 kHz - 30 MHz	30 - 960 MHz
1	9	9	125	Max	PASS	PASS
2	5	9	125	Max	PASS	PASS
2	9	9	125	Max	PASS	PASS

9.5.1. EMISSIONS, 9 kHz – 30 MHz**Trace Markers**

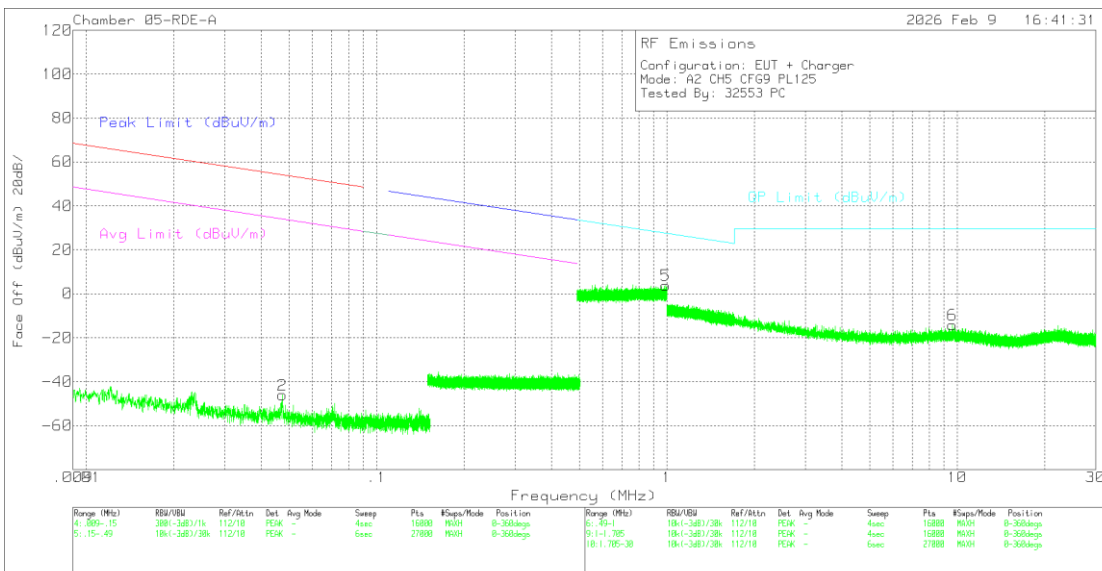
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna E (dB/m)	Amp/Cbl (dB)	Dist Corr 30m (dB) 40Log	Corrected Reading (dBuV/m)	QP Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)
1	.9123	18.41	Pk	56.5	-32.9	-40	2.01	28.42	-26.41	0-360
2	.9126	18.3	PK	56.5	-32.9	-40	1.9	28.41	-26.51	0-360
4	1.5833	19.52	Pk	43.7	-32.9	-40	-9.68	23.64	-33.32	0-360
3	1.5836	19.61	Pk	43.7	-32.9	-40	-9.59	23.64	-33.23	0-360
5	22.5361	21.73	Pk	33.7	-32.3	-40	-16.87	29.5	-46.37	0-360
6	22.5487	20.59	Pk	33.7	-32.3	-40	-18.01	29.5	-47.51	0-360

Pk - Peak detector

ANT2 CH5 Config 9



A2 CH5 CF69 PL125.DAT Rev 9.5 15 Dec 2025



A2 CH5 CF69 PL125.DAT Rev 9.5 15 Dec 2025

Trace Markers

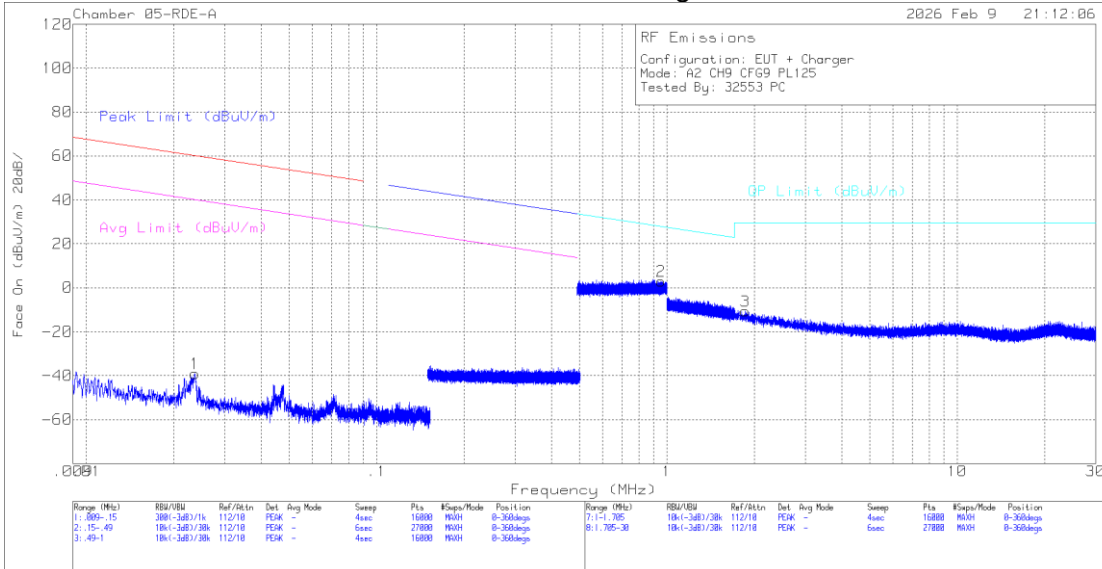
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna E (dB/m)	Amp/Cbl (dB)	Dist Corr 300m	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	Margin (dB)	Avg Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)
2	.0473	9.57	Pk	57.2	-32.9	-80	-46.13	54.08	-100.21	34.08	-80.21	0-360
1	.0523	24.84	Pk	56.9	-32.9	-80	-31.16	53.22	-84.38	33.22	-64.38	0-360

Pk - Peak detector

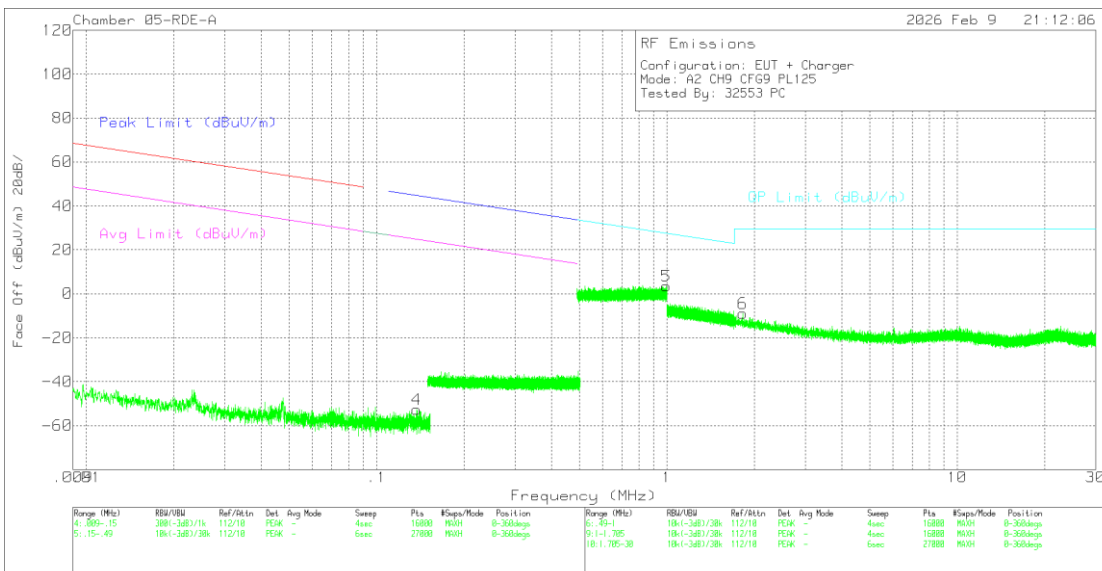
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna E (dB/m)	Amp/Cbl (dB)	Dist Corr 30m (dB) 40Log	Corrected Reading (dBuV/m)	QP Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)
3	.9008	20.13	Pk	56.5	-32.9	-40	3.73	28.53	-24.8	0-360
5	.9913	20.29	Pk	56.5	-32.9	-40	3.89	27.7	-23.81	0-360
6	9.6342	23.78	Pk	34.6	-32.6	-40	-14.22	29.5	-43.72	0-360
4	21.5835	22.74	Pk	33.9	-32.3	-40	-15.66	29.5	-45.16	0-360

Pk - Peak detector

ANT2 CH9 Config 9



A2 CH5 CF69 PL125.DAT Rev 9.5 15 Dec 2025



A2 CH5 CF69 PL125.DAT Rev 9.5 15 Dec 2025

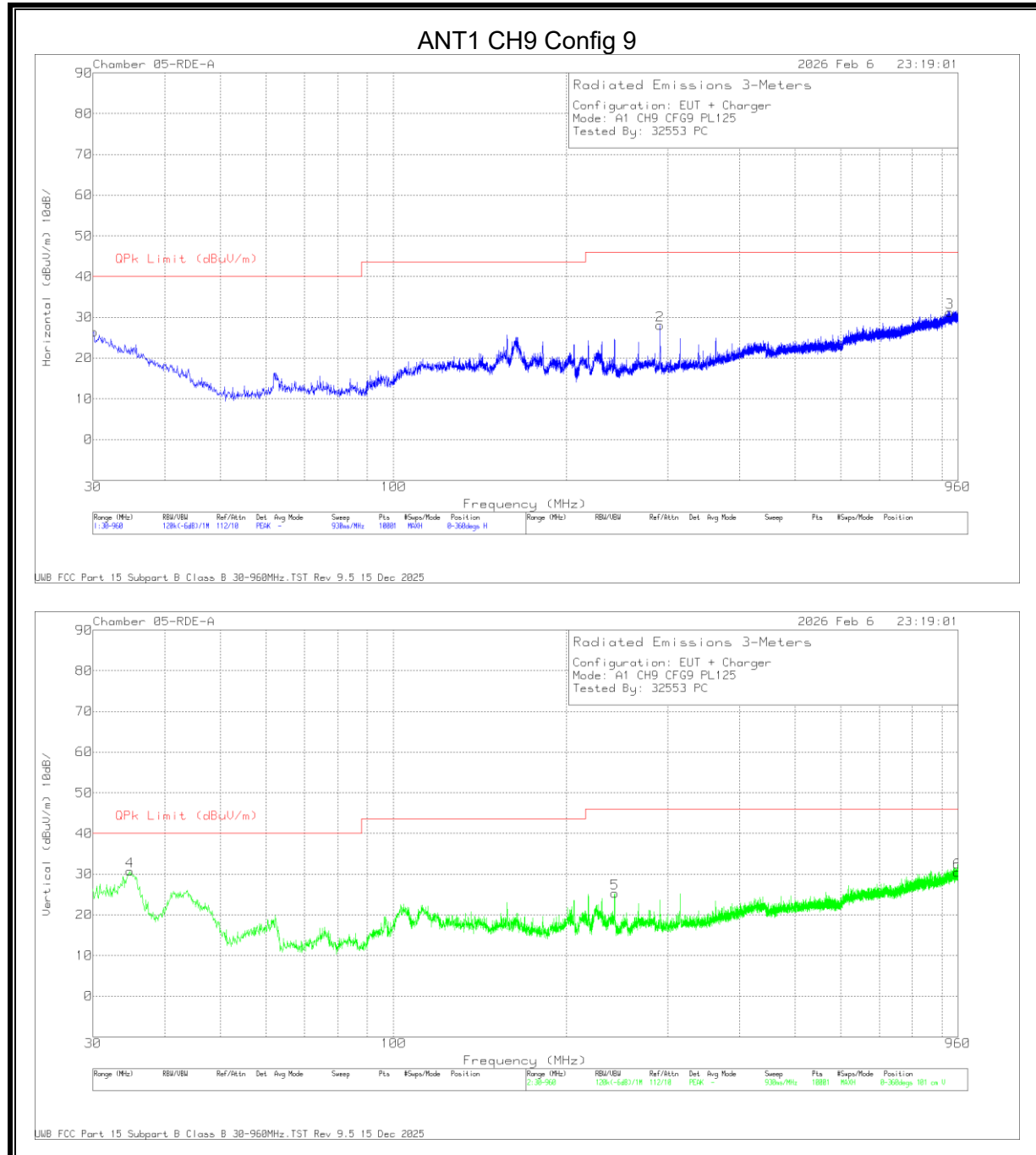
Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna E (dB/m)	Amp/Cbl (dB)	Dist Corr 300m (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	Margin (dB)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Avg Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)
1	.0237	14.86	Pk	58.7	-32.6	-80	-39.04	60.11	-99.15	40.11	-79.15	-	-	-	-	0-360
4	.1374	4.36	Pk	55.9	-33	-80	-52.74	-	-	-	-	44.87	-97.61	24.87	-77.61	0-360

Pk - Peak detector

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna E (dB/m)	Amp/Cbl (dB)	Dist Corr 300m (dB)	Corrected Reading (dBuV/m)	QP Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)
2	.955	19.42	Pk	56.5	-32.9	-40	3.02	28.02	-25	0-360
5	.9946	19.86	Pk	56.5	-32.9	-40	3.46	27.67	-24.21	0-360
6	1.8245	21.62	Pk	42.4	-32.9	-40	-8.88	29.5	-38.38	0-360
3	1.8612	19.89	Pk	42.3	-32.9	-40	-10.71	29.5	-40.21	0-360

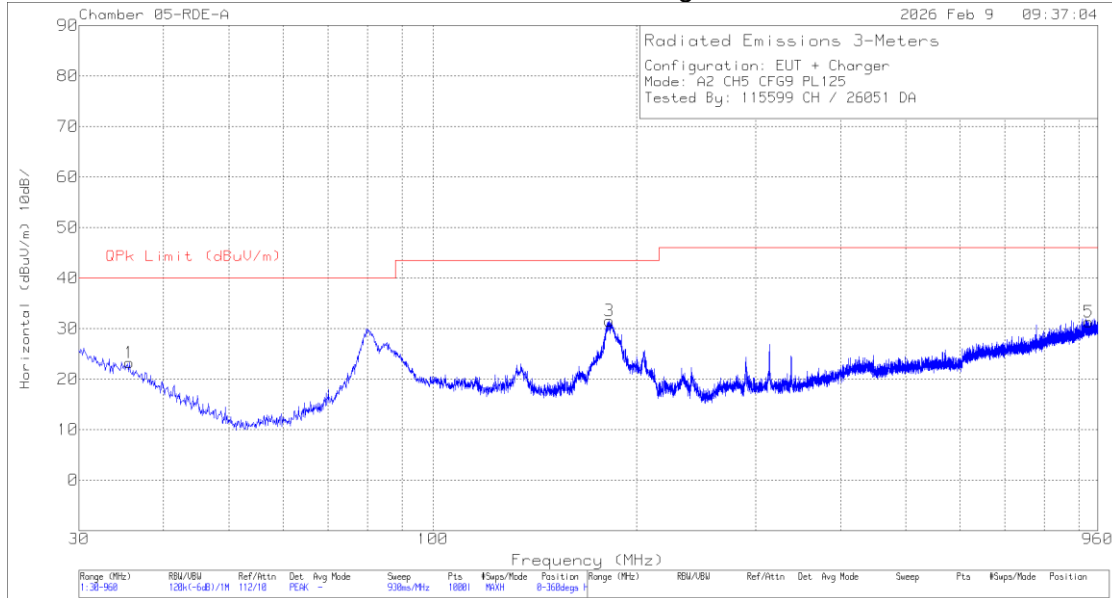
Pk - Peak detector

9.5.2. EMISSIONS, 30 - 960 MHz**Trace Markers**

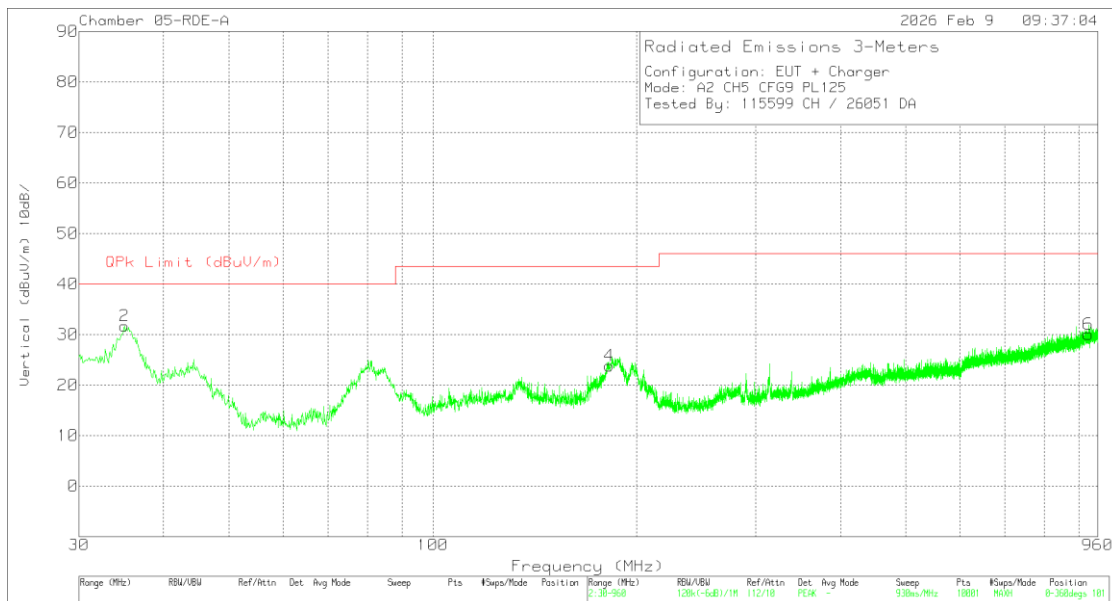
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	204045 ACF (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	30.093	31.9	Pk	26.8	-32.3	26.4	40	-13.6	0-360	399	H
4	34.743	39.39	Pk	23.6	-32.3	30.69	40	-9.31	0-360	101	V
5	242.505	38.79	Pk	17.4	-30.9	25.29	46.02	-20.73	0-360	101	V
2	290.958	39.54	Pk	19.2	-30.7	28.04	46.02	-17.98	0-360	99	H
3	928.845	30.44	Pk	28.4	-27.6	31.24	46.02	-14.78	0-360	99	H
6	957.21	28.99	Pk	28.6	-27.1	30.49	46.02	-15.53	0-360	199	V

Pk - Peak detector

ANT2 CH5 Config 9



UJB FCC Part 15 Subpart B Class B 30-960MHz.TST Rev 9.5 15 Dec 2025

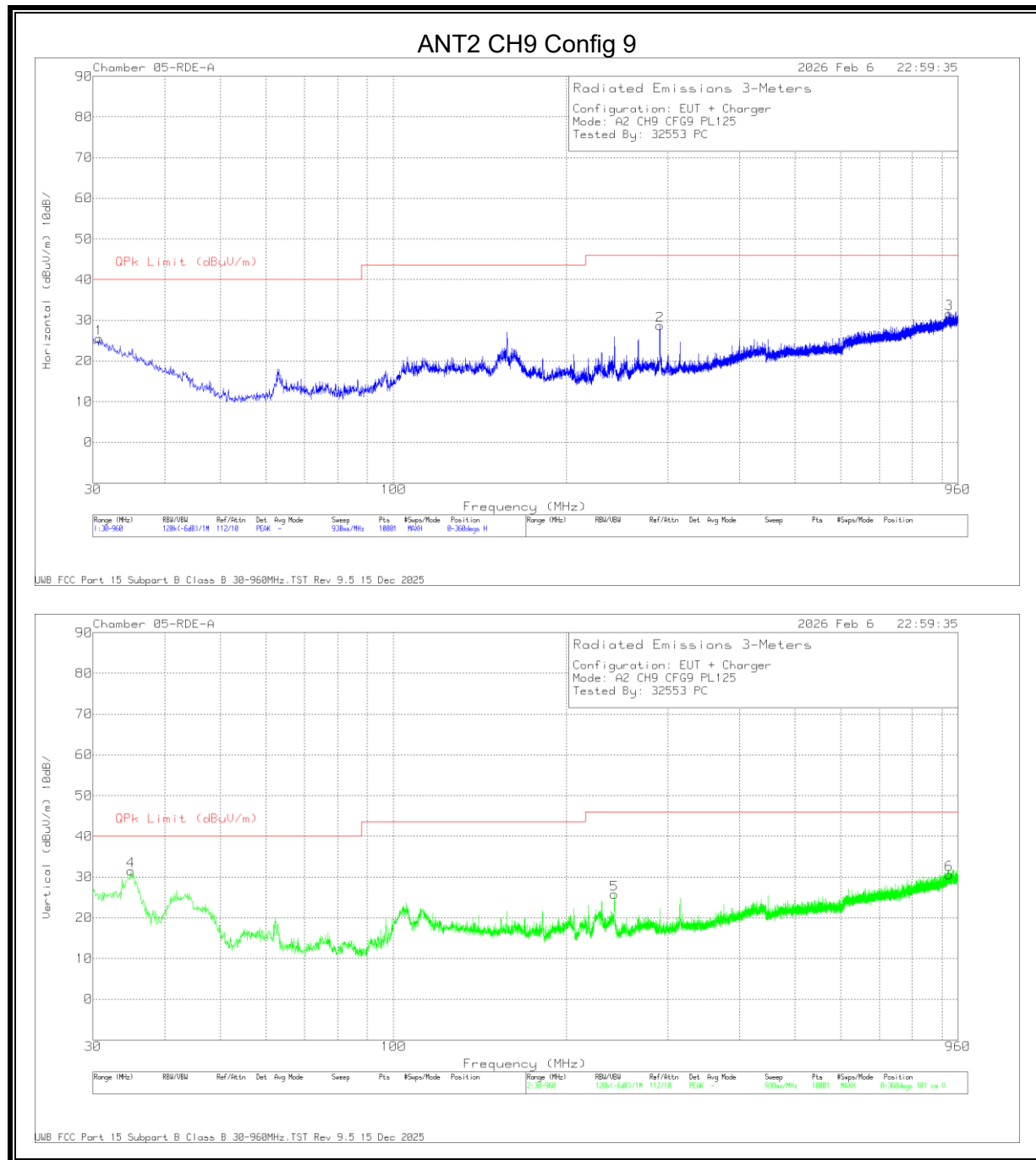


UJB FCC Part 15 Subpart B Class B 30-960MHz.TST Rev 9.5 15 Dec 2025

Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	204045 ACF (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	35.022	40.5	Pk	23.4	-32.2	31.7	40	-8.3	0-360	101	V
1	35.58	32.45	Pk	23	-32.2	23.25	40	-16.75	0-360	101	H
4	182.148	37.91	Pk	17.2	-31.3	23.81	43.52	-19.71	0-360	101	V
3	182.241	45.62	Pk	17.2	-31.3	31.52	43.52	-12	0-360	101	H
6	930.054	29.27	Pk	28.4	-27.6	30.07	46.02	-15.95	0-360	101	V
5	930.147	30.53	Pk	28.4	-27.6	31.33	46.02	-14.69	0-360	199	H

Pk - Peak detector



Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBUV)	Det	204045 ACF (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBUV/m)	QPk Limit (dBUV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	30.744	31.59	Pk	26.2	-32.3	25.49	40	-14.51	0-360	199	H
4	34.929	40.4	Pk	23.4	-32.3	31.5	40	-8.5	0-360	101	V
5	242.319	39.24	Pk	17.4	-30.9	25.74	46.02	-20.28	0-360	101	V
2	290.772	40.16	Pk	19.2	-30.7	28.66	46.02	-17.36	0-360	101	H
3	927.543	30.73	Pk	28.4	-27.5	31.63	46.02	-14.39	0-360	199	H
6	927.543	29.73	Pk	28.4	-27.5	30.63	46.02	-15.39	0-360	101	V

Pk - Peak detector

9.6. AVERAGE EMISSIONS ABOVE 960 MHz**LIMITS****FCC**

15.519 (c)

Frequency in MHz	EIRP in dBm
960-1610	-75.3
1610-1990	-63.3
1990-3100	-61.3
3100-10600	-41.3
Above 10600	-61.3

§15.519 (d) In addition to the radiated emission limits specified in the table in paragraph (c) of this section, UWB transmitters operating under the provisions of this section shall not exceed the following average limits when measured using a resolution bandwidth of no less than 1 kHz:

Frequency in MHz	EIRP in dBm
1164-1240	-85.3
1559-1610	-85.3

RSS-220

Section 5.3.1 (d) Radiated emissions above 960 MHz from a device shall not exceed the following average limits when measured using a resolution bandwidth of 1 MHz.

Hand-held (Outdoor) Communication, Measurement, Location Sensing, and Tracking Devices	
Frequency	E.i.r.p. in a Resolution Bandwidth of 1 MHz
960-1 610 MHz	-75.3 dBm
1.61-4.75 GHz	-70.0 dBm
4.75-10.6 GHz	-41.3 dBm
Above 10.6 GHz	-61.3 dBm

Section 5.3.1 (e) In addition to the limits specified in paragraph (d) of this section, radiated emissions shall not exceed the following average limits when measured using a resolution bandwidth greater than or equal to 1 kHz. The measurements shall demonstrate compliance with the stated limits at whatever resolution bandwidth is used.

Frequency	E.i.r.p. in a Resolution Bandwidth of no less than 1 kHz
1 164-1 240 MHz	-85.3 dBm
1 559-1 610 MHz	-85.3 dBm

TEST PROCEDURE

ANSI C63.10 Clause 10.3.

RSS-220 Annex

Exploratory measurements for all frequency ranges are performed with the measurement antenna at close distances to the EUT as described in ANSI C63.10 6.6.4.2. Where emissions are observed the measurement antenna is then positioned at a height of 1.5m and a distance of 1m for 18-40GHz and 0.5m for 0.96-5GHz, 1.164-1.240GHz, and 1.559-1.610GHz from the EUT and final measurements are made at the frequencies observed in the exploratory scans using the alternative measurement procedures detailed in ANSI C63.10 section 6.6.5. If no emissions are observed, a plot is made at a test distance of 1m for 18-40GHz and 0.5m for 0.96-5GHz, 1.164-1.240GHz, and 1.559-1.610GHz from the EUT to show the measurement system noise floor.

PROCEDURE FOR 0.96 TO 5 GHz

Measurements are made with the antenna feeding a spectrum analyzer via a preamplifier and cables, at a maximum distance of 0.5m from the EUT.

A low pass filter with a cut off frequency of 5 GHz is used to suppress the fundamental and perform measurement for 0.96 - 5 GHz.

Distance Correction Factor from 3m to 0.5m = $20 \cdot \log(0.5\text{m}/3\text{m}) = -15.56 \text{ dB}$

RESULTS FOR 5 GHz TO 9 GHz

The 5 - 9 GHz frequency band is covered in Section 9.3.

PROCEDURE FOR 9 GHz TO 18 GHz

Measurements are made with the antenna feeding a spectrum analyzer via a preamplifier and cables, at a maximum distance of 0.5m from the EUT.

A high pass filter with pass band frequency beyond 9 GHz is used to suppress the fundamental and perform measurement for 9 - 18 GHz.

Distance Correction Factor from 3m to 0.5m = $20 \cdot \log(0.5\text{m}/3\text{m}) = -15.56 \text{ dB}$

PROCEDURE FOR 1.164 TO 1.240 GHz

Measurements are made with the antenna feeding a spectrum analyzer via a preamplifier and cables, at a maximum distance of 0.5m from the EUT.

RBW = 120 kHz & VBW = 500 kHz were used at pre-scan.

A low pass filter with a cut off frequency of 5 GHz is used to suppress the fundamental and perform measurement for 1.164 – 1.240 GHz.

Distance Correction Factor from 3m to 0.5m = $20 \cdot \log(0.5\text{m}/3\text{m}) = -15.56 \text{ dB}$

PROCEDURE FOR 1.559 TO 1.610 GHz

Measurements are made with the antenna feeding a spectrum analyzer via a preamplifier and cables, at a maximum distance of 0.5m from the EUT.

RBW = 120 kHz & VBW = 500 kHz were used at pre-scan.

A low pass filter with a cut off frequency of 5 GHz is used to suppress the fundamental and perform measurement for 1.559 – 1.610 GHz.

Distance Correction Factor from 3m to 0.5m = $20 \cdot \log(0.5\text{m}/3\text{m}) = -15.56 \text{ dB}$

PROCEDURE FOR 18 GHz TO 40 GHz

Measurements are made with the antenna feeding a spectrum analyzer via a preamplifier and cables, at a maximum distance of 1m from the EUT.

A final test is made at any frequencies at which emissions are found. During this final scan, the antenna is kept no further from the EUT than the maximum distance calculated for each band that yields a minimum system noise floor.

Distance Correction Factor from 3m to 1m = $20 \cdot \log(1\text{m}/3\text{m}) = -9.54 \text{ dB}$

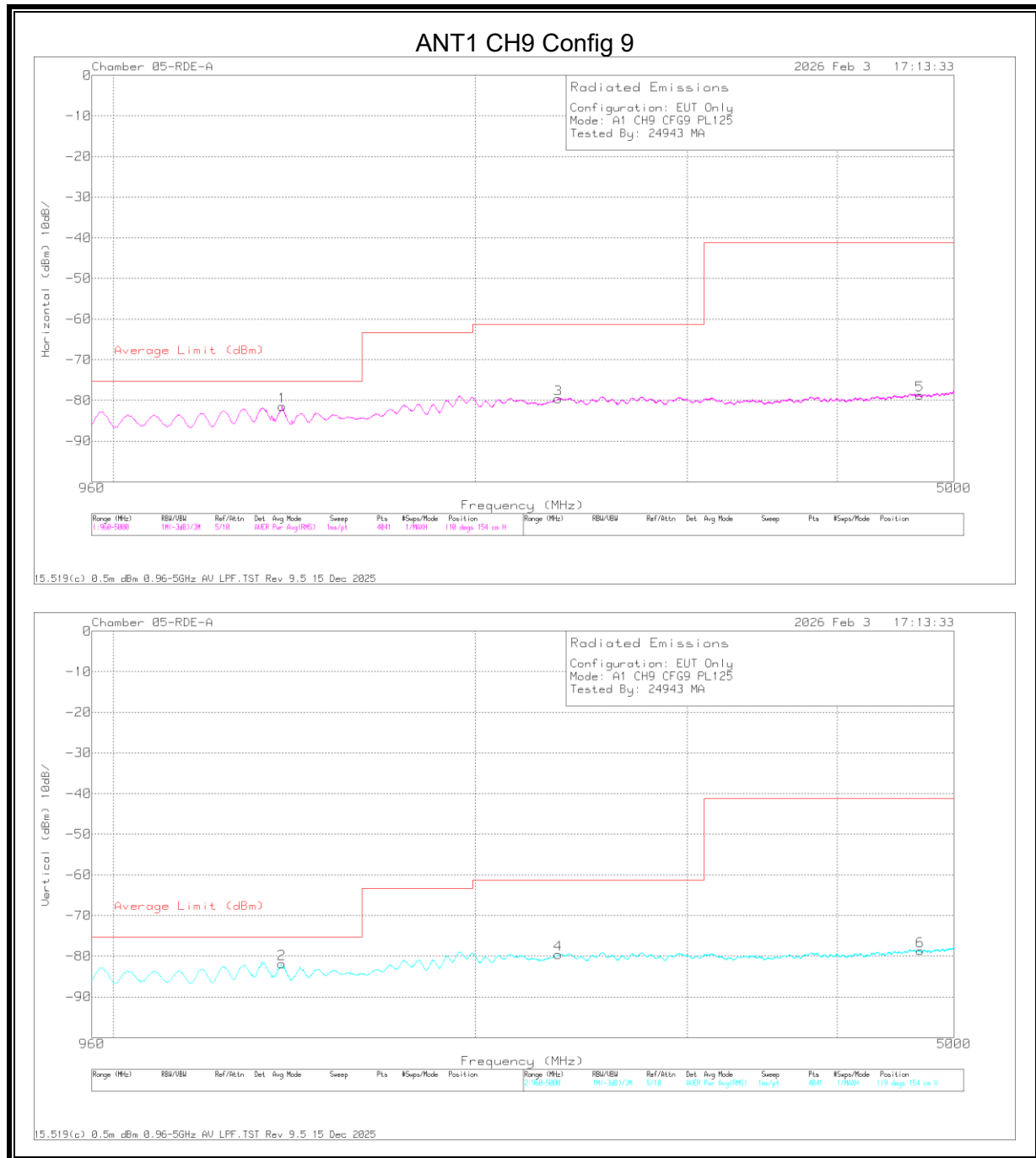
RESULTS**Average Emissions Summary**

Employee IDs: 26051, 32553, 24943, 112113, 19172, 115599

Location: 05-RDE-A

Test Date: 2/2/26 – 4/24/26

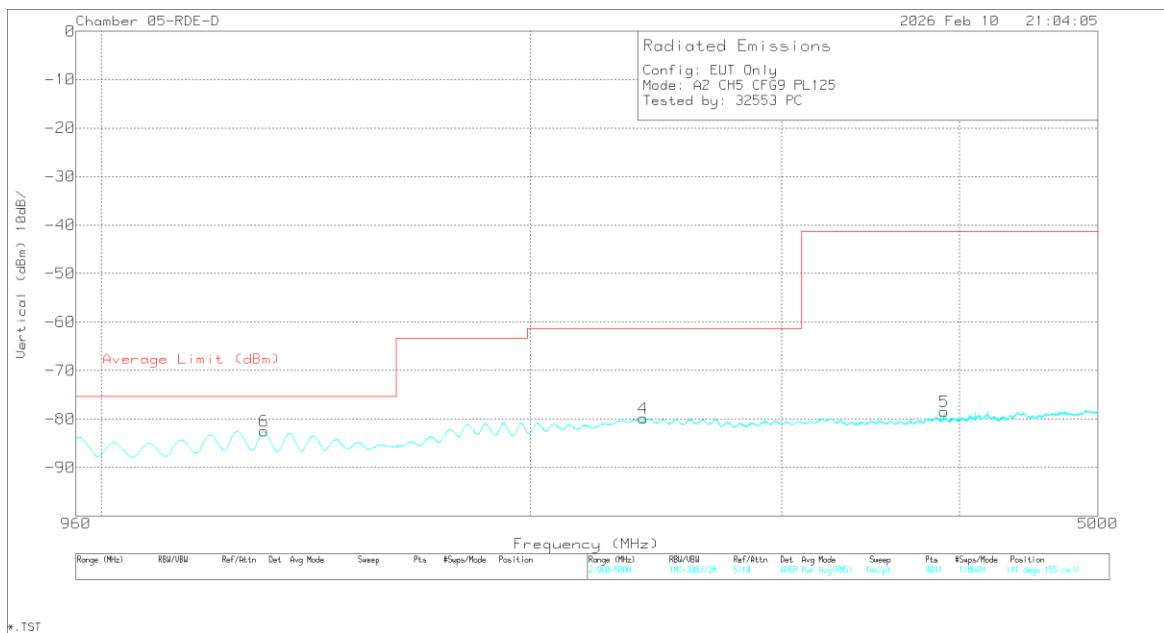
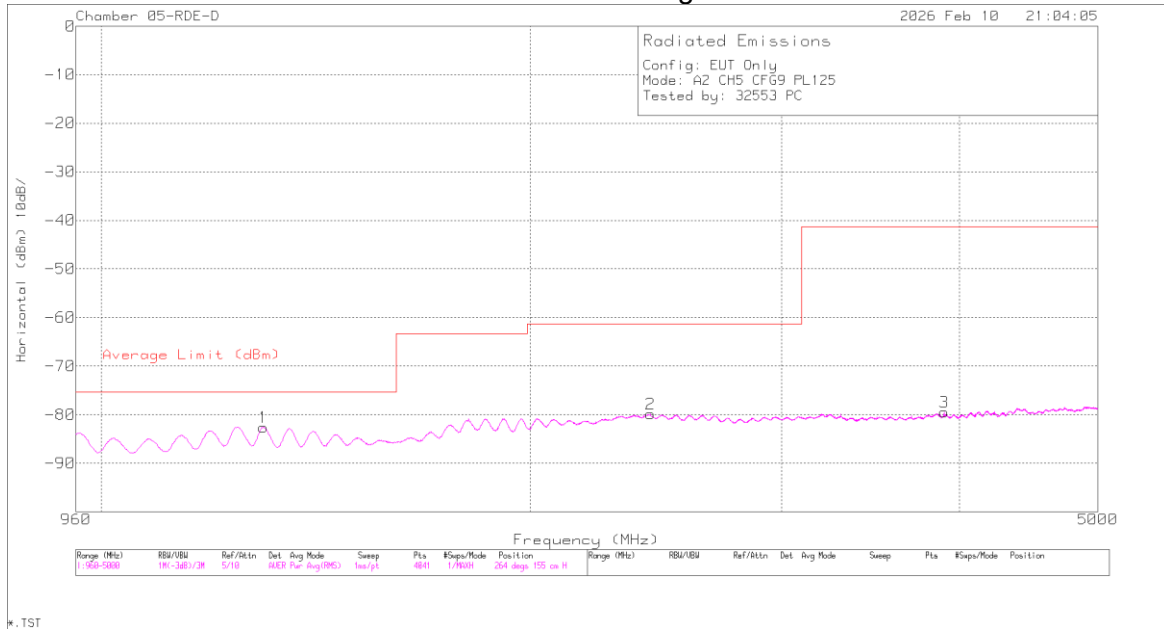
Ant	CH	Config	Payload	Power Setting	Frequency Ranges				
					1164 - 1240 MHz	1559 - 1610 MHz	0.96 - 18 GHz	18 - 26.5 GHz	26.5 - 40 GHz
1	9	9	125	Max	PASS	PASS	PASS	PASS	PASS
2	5	9	125	Max	PASS	PASS	PASS	PASS	PASS
2	9	9	125	Max	PASS	PASS	PASS	PASS	PASS

9.6.1. AVERAGE EMISSIONS, 0.96 – 5 GHz**FCC15.519 (C)****Trace Markers**

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	22671 ACF (dBm)	Dist. Corr. (dB)	Conversion Factor (dB)	Gain/Loss (dB)	Corrected Reading (dBm)	Average Limit (dBm)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1382	-57.21	RMS	28.7	-15.6	11.8	-49.2	-81.51	-75.3	-6.21	330	154	H
3	* 2344	-59.05	RMS	32.5	-15.6	11.8	-49.3	-79.65	-61.3	-18.35	308	154	H
5	* 4683	-62.63	RMS	34.4	-15.6	11.8	-46.7	-78.73	-41.3	-37.43	22	154	H
2	* 1380	-57.57	RMS	28.7	-15.6	11.8	-49.2	-81.87	-75.3	-6.57	316	154	V
4	* 2344	-58.98	RMS	32.5	-15.6	11.8	-49.3	-79.58	-61.3	-18.28	119	154	V
6	* 4685	-62.65	RMS	34.4	-15.6	11.8	-46.6	-78.65	-41.3	-37.35	207	154	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
RMS - RMS detection

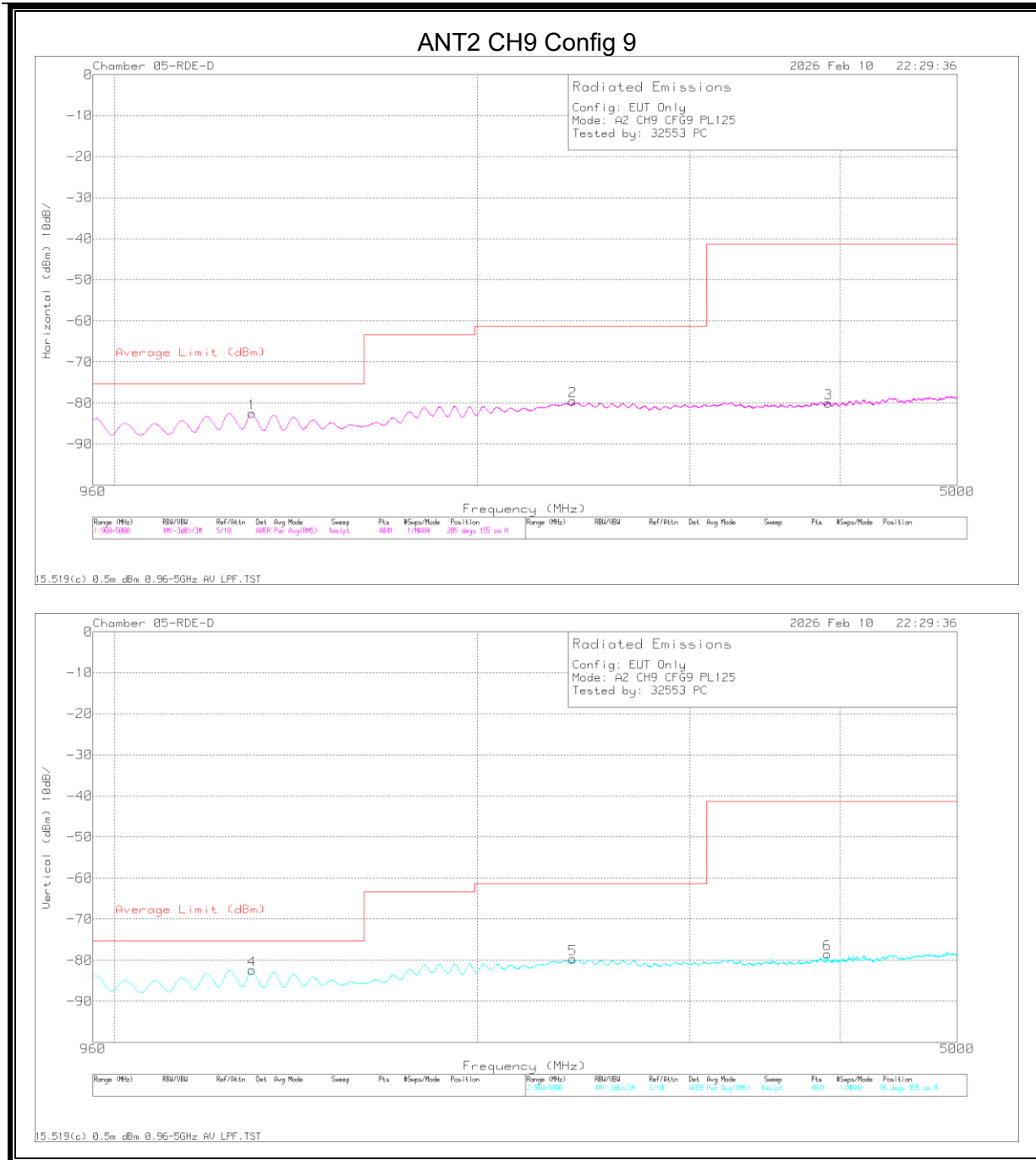
ANT2 CH5 Config 9



Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	81887 ACF (dB)	Dist. Corr. (dB)	Conversion Factor (dB)	Gain/Loss (dB)	Corrected Reading (dBm)	Average Limit (dBm)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1299	-61.09	RMS	29.7	-15.6	11.8	-47.37	-82.56	-75.3	-7.26	110	155	H
2	2427	-62.32	RMS	33.5	-15.6	11.8	-47.26	-79.88	-61.3	-18.58	286	155	H
3	3900	-64.54	RMS	33.8	-15.6	11.8	-44.94	-79.48	-41.3	-38.18	22	155	H
4	2400	-62.22	RMS	33.5	-15.6	11.8	-47.29	-79.81	-61.3	-18.51	339	155	V
5	3900	-63.5	RMS	33.8	-15.6	11.8	-44.94	-78.44	-41.3	-37.14	207	155	V
6	1300	-60.95	RMS	29.7	-15.6	11.8	-47.39	-82.44	-75.3	-7.14	229	155	V

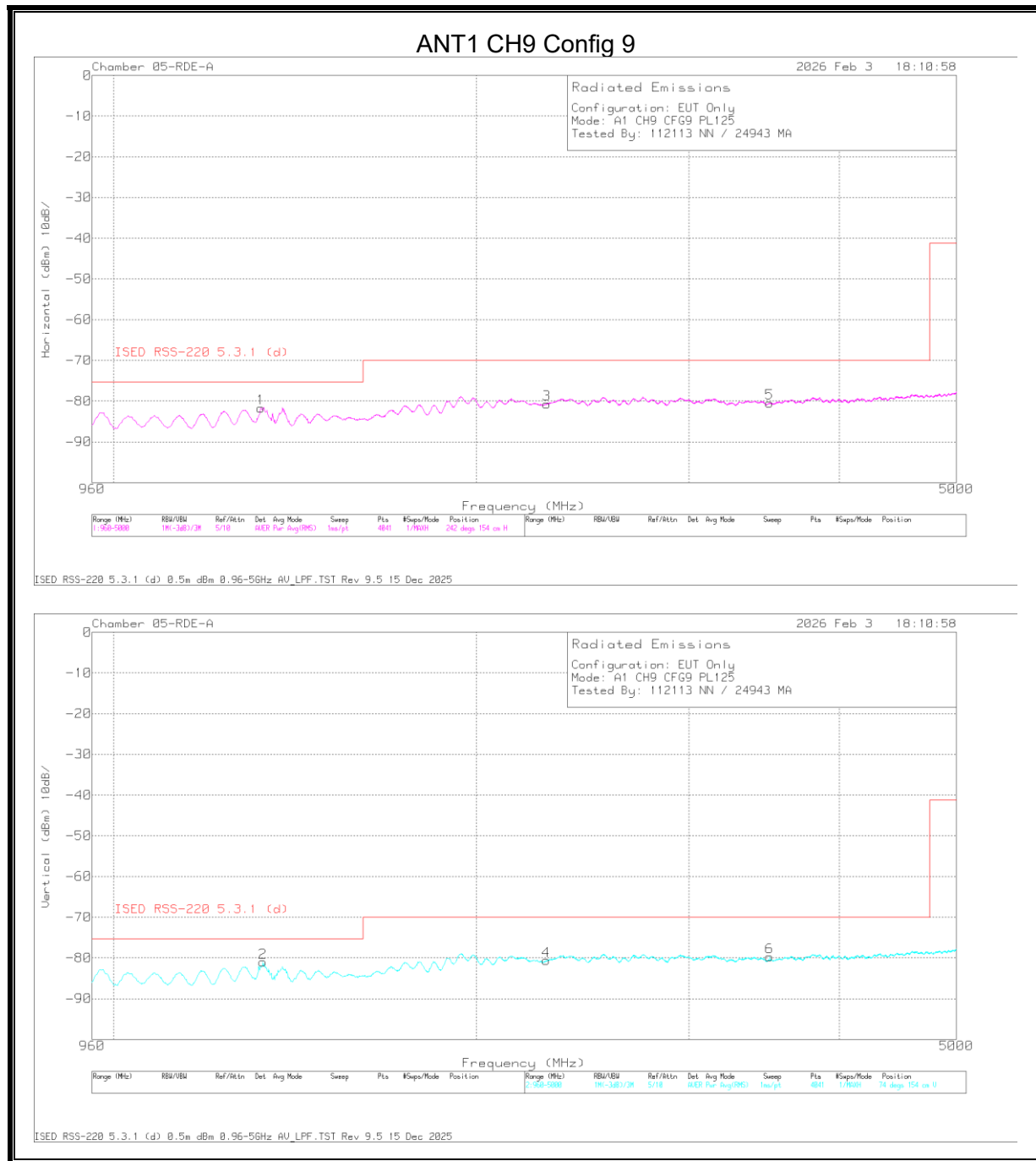
RMS - RMS detection



Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	81887 ACF (dB)	Dist. Corr. (dB)	Conversion Factor (dB)	Gain/Loss (dB)	Corrected Reading (dBm)	Average Limit (dBm)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1300	-61.01	RMS	29.7	-15.6	11.8	-47.39	-82.5	-75.3	-7.2	44	155	H
2	2400	-61.92	RMS	33.5	-15.6	11.8	-47.29	-79.51	-61.3	-18.21	132	155	H
3	3910	-65.23	RMS	33.9	-15.6	11.8	-44.86	-79.99	-41.3	-38.69	220	155	H
4	1300	-60.92	RMS	29.7	-15.6	11.8	-47.39	-82.41	-75.3	-7.11	140	155	V
5	2400	-62.18	RMS	33.5	-15.6	11.8	-47.29	-79.77	-61.3	-18.47	339	155	V
6	3900	-63.58	RMS	33.8	-15.6	11.8	-44.94	-78.52	-41.3	-37.22	206	155	V

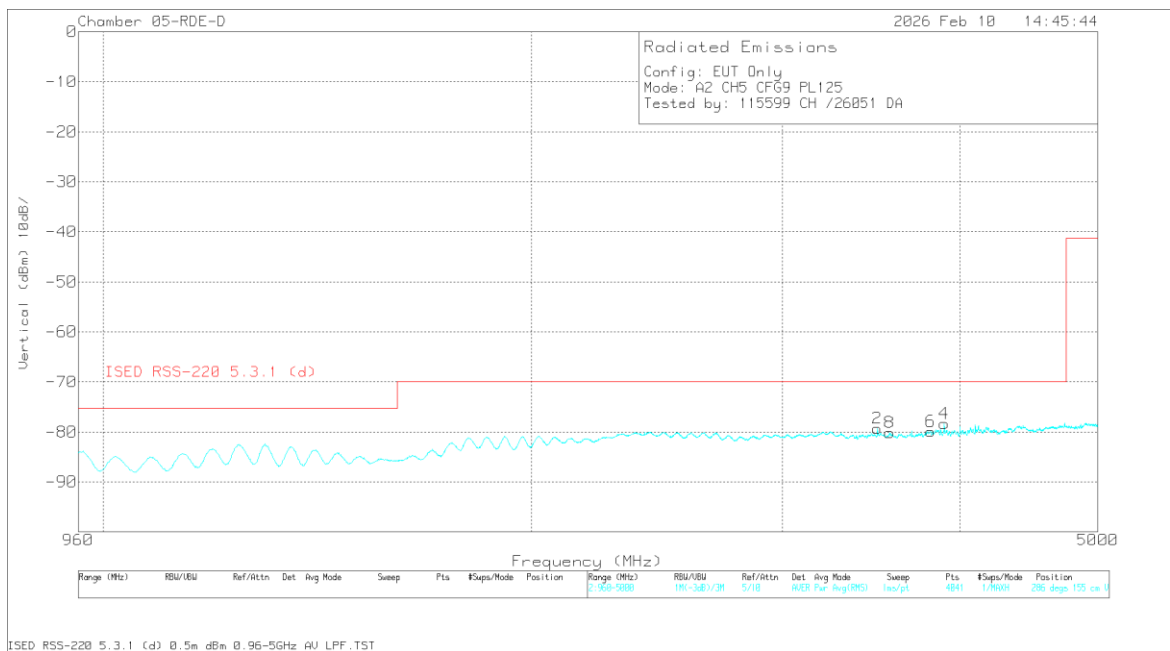
RMS - RMS detection

RSS-220 5.3.1 (d)**Trace Markers**

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	22671 ACF (dB/m)	Dist. Corr. (dB)	Conversion Factor (dB)	Gain/Loss (dB)	Corrected Reading (dBm)	ISSED RSS-220 5.3.1 (d)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1325	-57.38	RMS	29	-15.6	11.8	-49.5	-81.68	-75.3	-6.38	286	154	H
3	* 2287	-59.79	RMS	32.3	-15.6	11.8	-49.4	-80.69	-70	-10.69	198	154	H
2	* 1330	-56.74	RMS	29	-15.6	11.8	-49.5	-81.04	-75.3	-5.74	184	154	V
4	* 2284	-59.86	RMS	32.3	-15.6	11.8	-49.3	-80.66	-70	-10.66	163	154	V
6	* 3500	-62.67	RMS	33.2	-15.6	11.8	-46.5	-79.77	-70	-9.77	52	154	V
5	3499	-63.34	RMS	33.2	-15.6	11.8	-46.5	-80.44	-70	-10.44	330	154	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
RMS - RMS detection

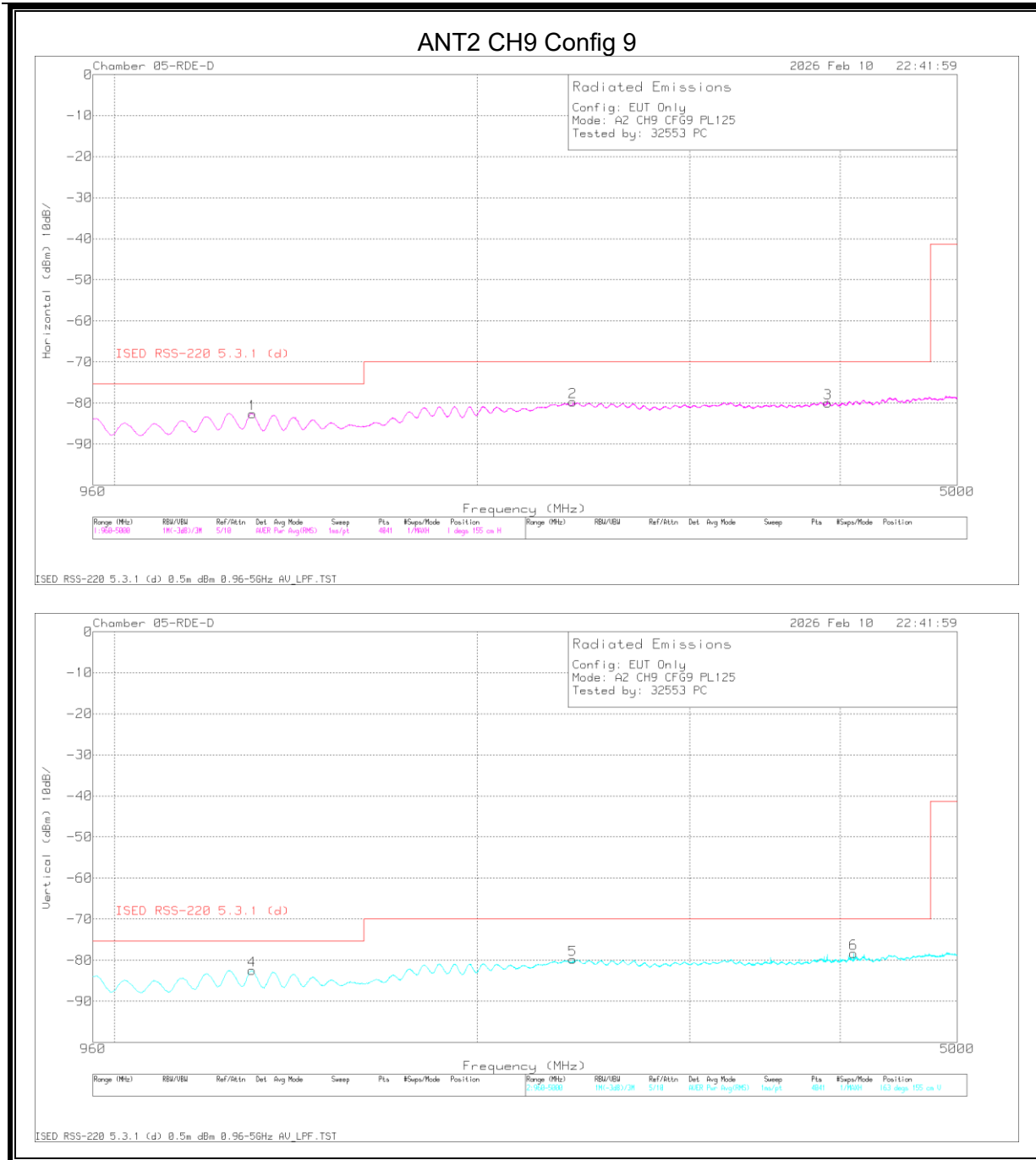
ANT2 CH5 Config 9



Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	81887 ACF (dB)	Dist. Corr. (dB)	Conversion Factor (dB)	Gain/Loss (dB)	Corrected Reading (dBm)	ISSED RSS-220 5.3.1 (d)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	3500	-64.98	RMS	33.4	-15.6	11.8	-45.03	-80.41	-70	-10.41	30	155	H
2	3500	-63.82	RMS	33.4	-15.6	11.8	-45.03	-79.25	-70	-9.25	220	155	V
3	3900	-64.52	RMS	33.8	-15.6	11.8	-44.94	-79.46	-70	-9.46	30	155	H
4	3900	-63.36	RMS	33.8	-15.6	11.8	-44.94	-78.3	-70	-8.3	220	155	V
5	3811	-64.9	RMS	33.7	-15.6	11.8	-45.2	-80.2	-70	-10.2	360	155	H
6	3816	-64.55	RMS	33.7	-15.6	11.8	-45.22	-79.87	-70	-9.87	220	155	V
7	3569	-64.78	RMS	33.5	-15.6	11.8	-45.11	-80.19	-70	-10.19	97	155	H
8	3570	-64.74	RMS	33.5	-15.6	11.8	-45.06	-80.1	-70	-10.1	242	155	V

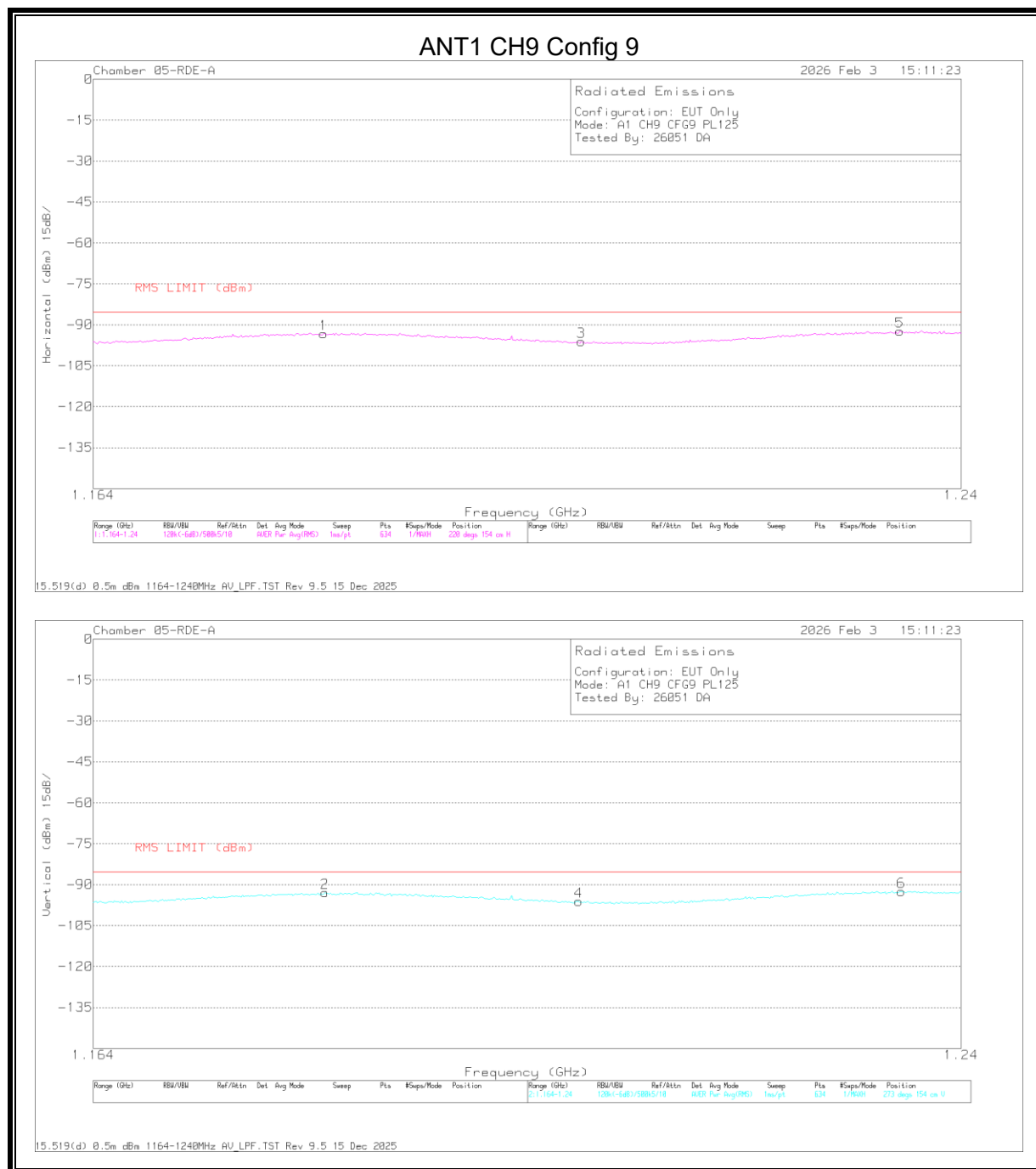
RMS - RMS detection



Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	81887 ACF (dB)	Dist. Corr. (dB)	Conversion Factor (dB)	Gain/Loss (dB)	Corrected Reading (dBm)	ISED RSS-220 5.3.1 (d)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1302	-61.01	RMS	29.6	-15.6	11.8	-47.4	-82.61	-75.3	-7.31	242	155	H
2	2400	-62.16	RMS	33.5	-15.6	11.8	-47.29	-79.75	-70	-9.75	132	155	H
3	3907	-65.16	RMS	33.9	-15.6	11.8	-44.9	-79.96	-70	-9.96	22	155	H
4	1300	-61.04	RMS	29.7	-15.6	11.8	-47.39	-82.53	-75.3	-7.23	339	155	V
5	2400	-62.21	RMS	33.5	-15.6	11.8	-47.29	-79.8	-70	-9.8	339	155	V
6	4100	-63.1	RMS	33.8	-15.6	11.8	-45.27	-78.37	-70	-8.37	229	155	V

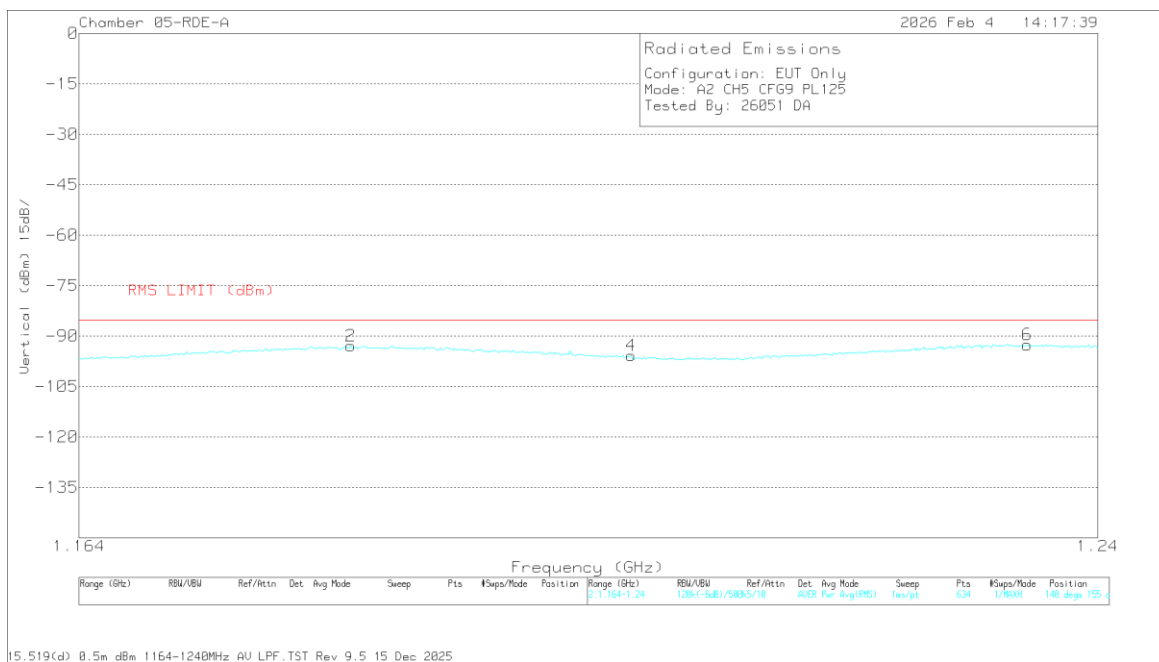
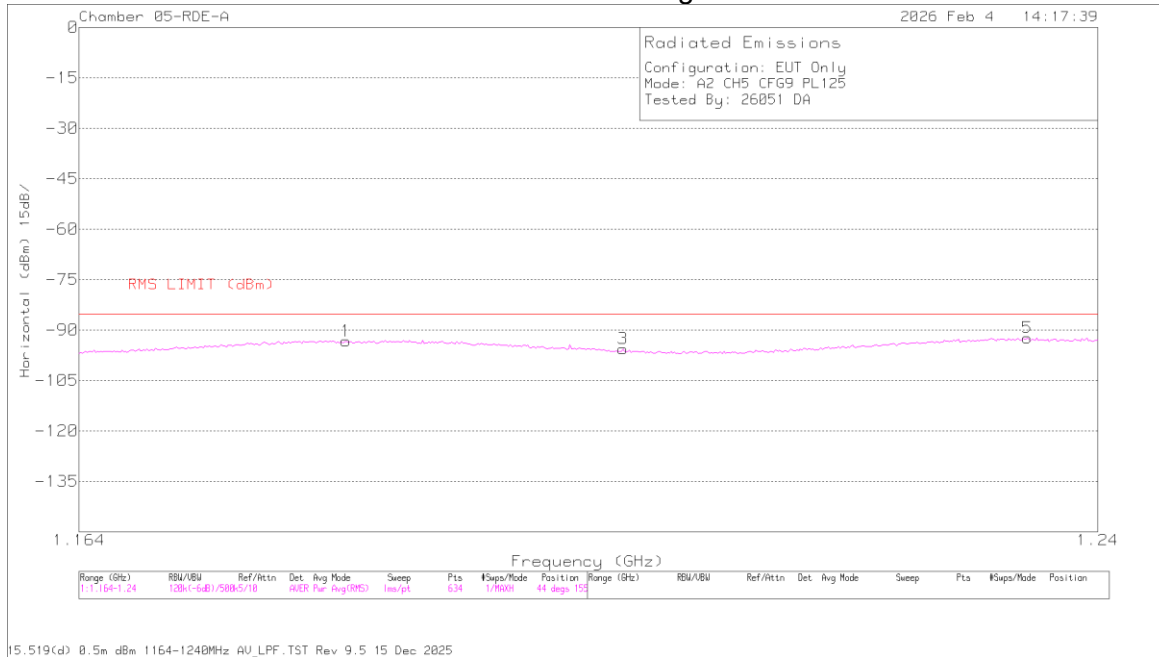
RMS - RMS detection

9.6.2. AVERAGE EMISSIONS, 1.164 – 1.240 GHz**Trace Markers**

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	226671 ACF (dB/m)	Dist. Corr. (dB)	Conversion Factor (dB)	Gain/Loss (dB)	Corrected Reading (dBm)	RMS LIMIT (dBm)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.18369	-68.05	RMS	28.5	-15.6	11.8	-49.87	-93.22	-85.3	-7.92	110	154	H
3	* 1.206142	-71.2	RMS	28.7	-15.6	11.8	-49.81	-96.11	-85.3	-10.81	110	154	H
5	* 1.234477	-67.6	RMS	28.9	-15.6	11.8	-49.8	-92.3	-85.3	-7	88	154	H
2	* 1.18381	-67.71	RMS	28.5	-15.6	11.8	-49.88	-92.89	-85.3	-7.59	250	154	V
4	* 1.205902	-71.2	RMS	28.7	-15.6	11.8	-49.8	-96.1	-85.3	-10.8	228	154	V
6	* 1.234597	-67.82	RMS	28.9	-15.6	11.8	-49.8	-92.52	-85.3	-7.22	118	154	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
RMS - RMS detection

ANT2 CH5 Config 9

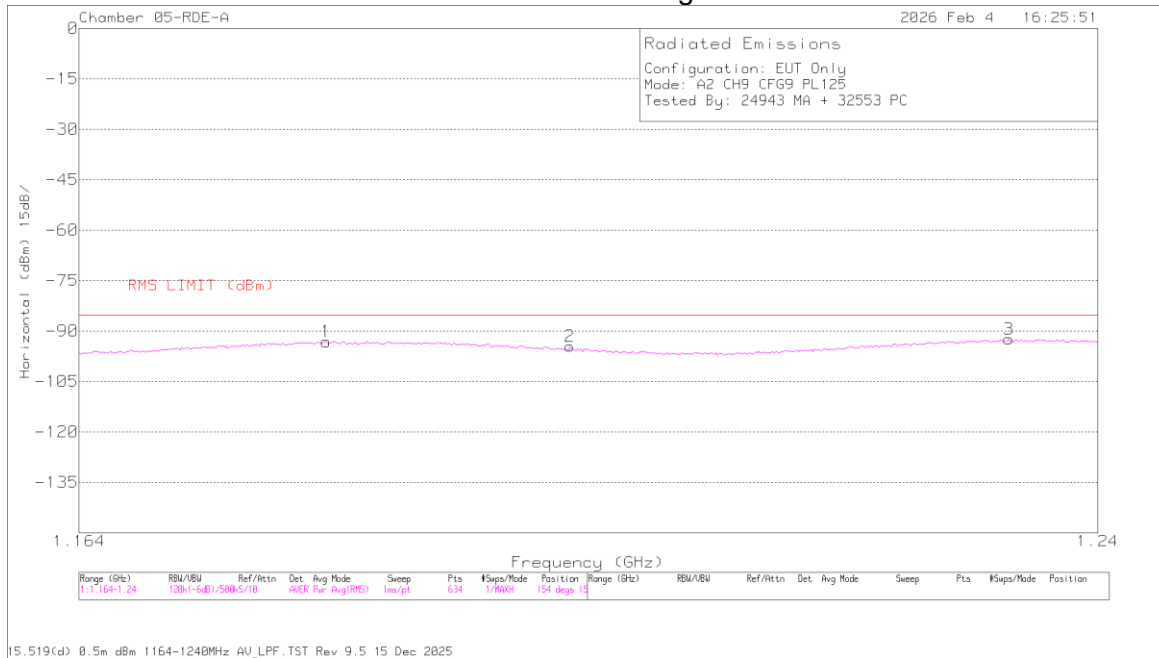


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	226671 ACF (dB/m)	Dist. Corr. (dB)	Conversion Factor (dB)	Gain/Loss (dB)	Corrected Reading (dBm)	RMS LIMIT (dBm)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.18345	-68.12	RMS	28.5	-15.6	11.8	-49.85	-93.27	-85.3	-7.97	308	155	H
2	* 1.18381	-67.74	RMS	28.5	-15.6	11.8	-49.88	-92.92	-85.3	-7.62	184	155	V
3	* 1.203981	-70.67	RMS	28.7	-15.6	11.8	-49.8	-95.57	-85.3	-10.27	109	155	H
4	* 1.204581	-70.9	RMS	28.7	-15.6	11.8	-49.8	-95.8	-85.3	-10.5	119	155	V
5	* 1.234597	-67.62	RMS	28.9	-15.6	11.8	-49.8	-92.32	-85.3	-7.02	242	155	H
6	* 1.234597	-67.91	RMS	28.9	-15.6	11.8	-49.8	-92.61	-85.3	-7.31	273	155	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
RMS - RMS detection

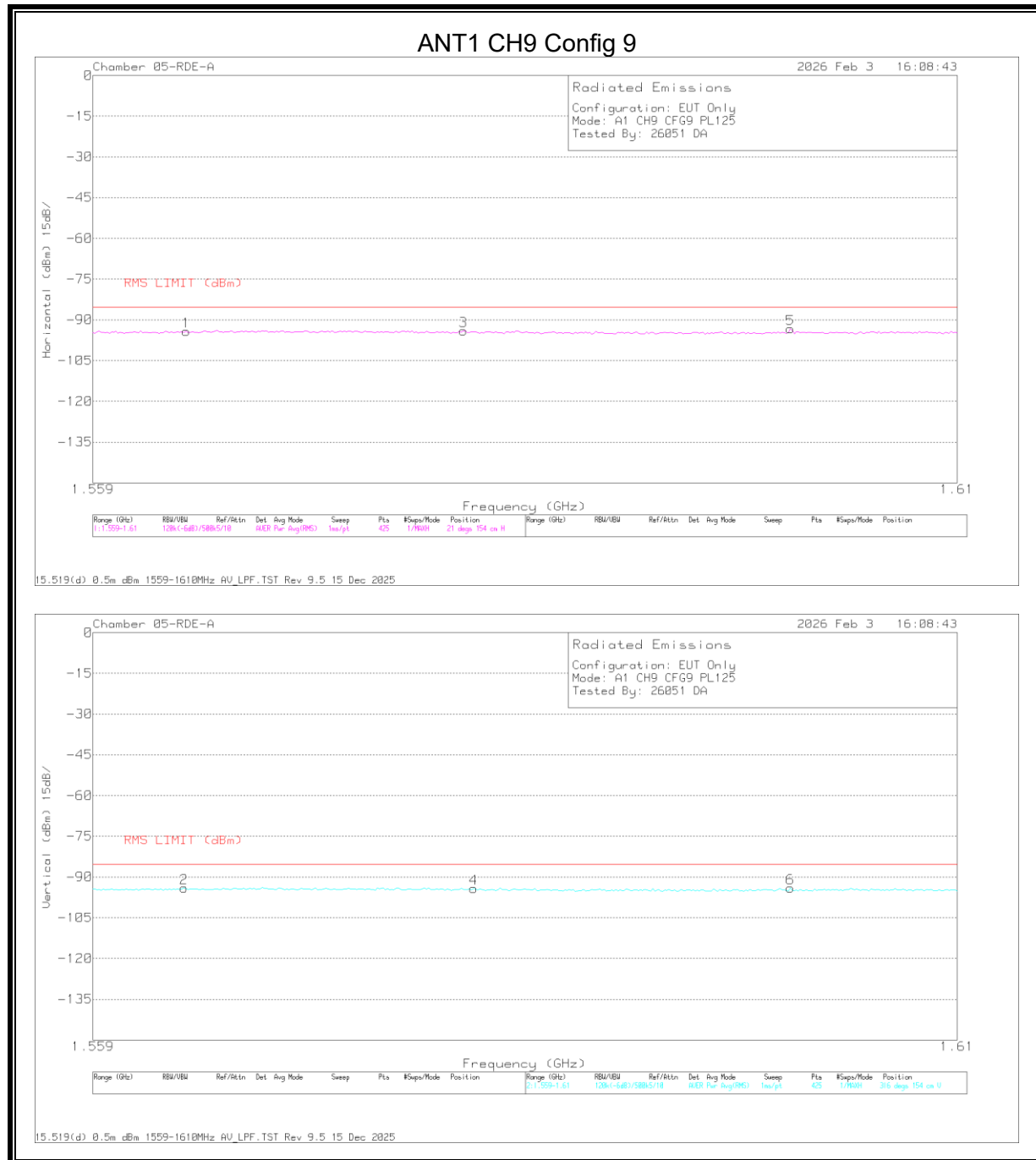
ANT2 CH9 Config 9



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	226671 ACF (dB/m)	Dist. Corr. (dB)	Conversion Factor (dB)	Gain/Loss (dB)	Corrected Reading (dBm)	RMS LIMIT (dBm)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*1.182009	-68.06	RMS	28.5	-15.6	11.8	-49.8	-93.16	-85.3	-7.86	286	155	H
2	*1.200019	-69.56	RMS	28.7	-15.6	11.8	-49.9	-94.56	-85.3	-9.26	264	155	H
3	*1.233156	-67.67	RMS	28.9	-15.6	11.8	-49.8	-92.37	-85.3	-7.07	44	155	H
4	*1.18273	-67.98	RMS	28.5	-15.6	11.8	-49.8	-93.08	-85.3	-7.78	295	155	V
5	*1.201099	-69.96	RMS	28.7	-15.6	11.8	-49.8	-94.86	-85.3	-9.56	163	155	V
6	*1.232196	-67.81	RMS	28.9	-15.6	11.8	-49.8	-92.51	-85.3	-7.21	163	155	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
RMS - RMS detection

9.6.3. AVERAGE EMISSIONS, 1.559 – 1.610 GHz**Trace Markers**

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	226671 ACF (dB/m)	Dist. Corr. (dB)	Conversion Factor (dB)	Gain/Loss (dB)	Corrected Reading (dBm)	RMS LIMIT (dBm)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*1.564413	-69.98	RMS	28.5	-15.6	11.8	-49	-94.28	-85.3	-8.98	132	154	H
3	*1.580651	-70.03	RMS	28.6	-15.6	11.8	-48.83	-94.06	-85.3	-8.76	0	154	H
5	*1.600017	-69.23	RMS	28.6	-15.6	11.8	-48.9	-93.33	-85.3	-8.03	110	154	H
2	*1.564292	-69.78	RMS	28.5	-15.6	11.8	-49	-94.08	-85.3	-8.78	316	154	V
4	*1.581252	-70.24	RMS	28.6	-15.6	11.8	-48.83	-94.27	-85.3	-8.97	118	154	V
6	*1.600017	-70	RMS	28.6	-15.6	11.8	-48.9	-94.1	-85.3	-8.8	339	154	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
RMS - RMS detection

ANT2 CH5 Config 9

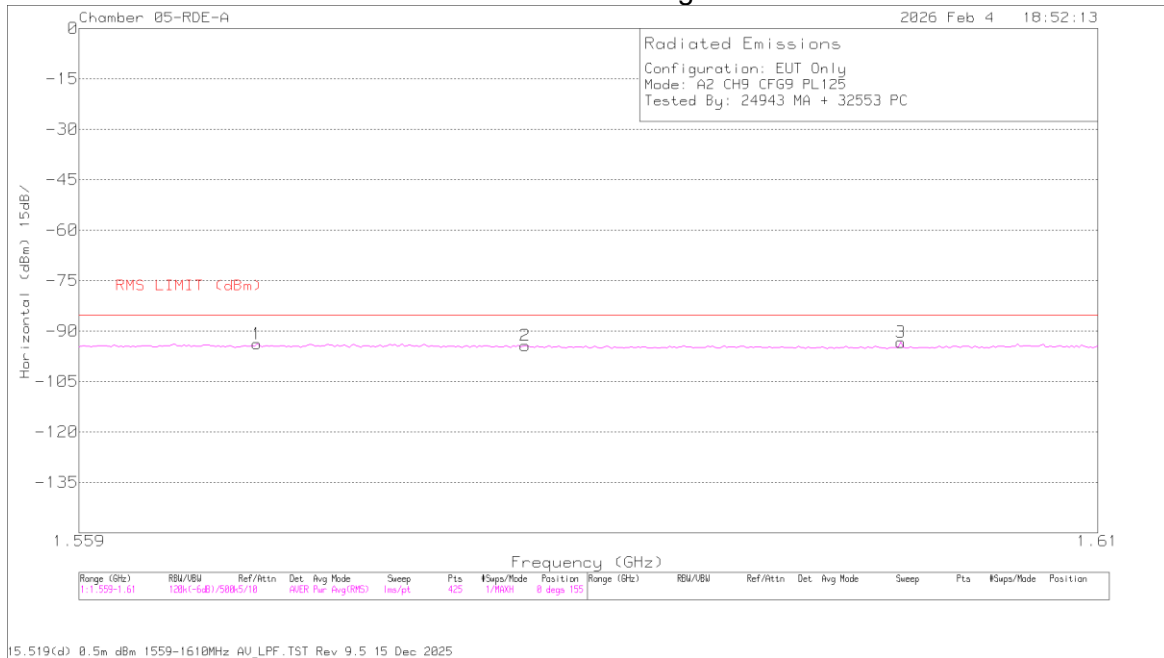


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	226671 ACF (dB/m)	Dist. Corr. (dB)	Conversion Factor (dB)	Gain/Loss (dB)	Corrected Reading (dBm)	RMS LIMIT (dBm)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*1.570307	-69.9	RMS	28.5	-15.6	11.8	-48.9	-94.1	-85.3	-8.8	141	155	H
2	*1.570307	-69.62	RMS	28.5	-15.6	11.8	-48.9	-93.82	-85.3	-8.52	22	155	V
4	*1.583538	-70.38	RMS	28.6	-15.6	11.8	-48.8	-94.38	-85.3	-9.08	220	155	V
3	*1.58438	-70.57	RMS	28.6	-15.6	11.8	-48.8	-94.57	-85.3	-9.27	229	155	H
5	*1.600017	-69.34	RMS	28.6	-15.6	11.8	-48.9	-93.44	-85.3	-8.14	74	155	H
6	*1.600017	-70.21	RMS	28.6	-15.6	11.8	-48.9	-94.31	-85.3	-9.01	198	155	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
RMS - RMS detection

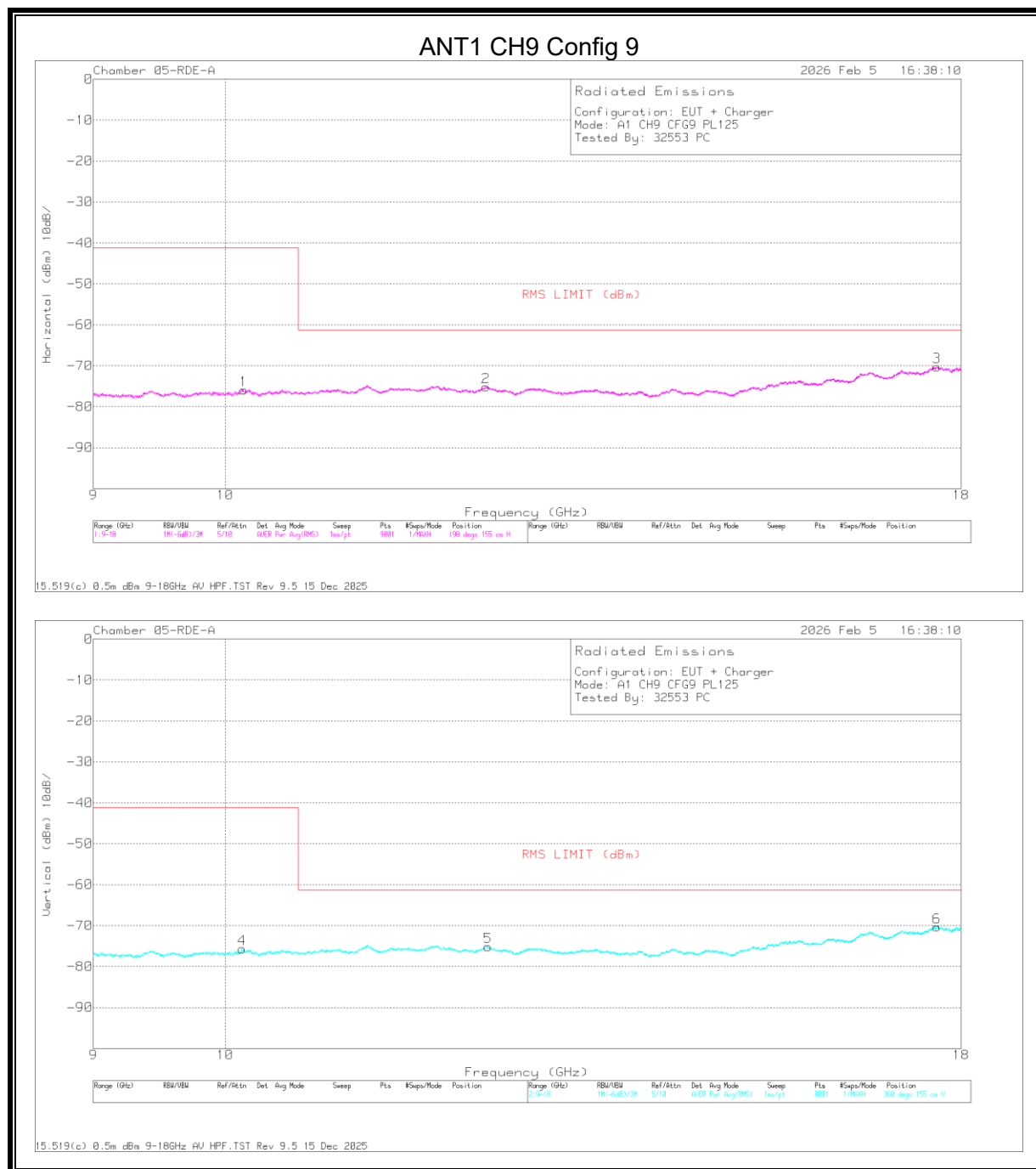
ANT2 CH9 Config 9



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	226671 ACF (dB/m)	Dist. Corr. (dB)	Conversion Factor (dB)	Gain/Loss (dB)	Corrected Reading (dBm)	RMS LIMIT (dBm)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.567781	-69.6	RMS	28.5	-15.6	11.8	-48.9	-93.8	-85.3	-8.5	308	155	H
2	* 1.581132	-70.31	RMS	28.6	-15.6	11.8	-48.81	-94.32	-85.3	-9.02	220	155	H
3	* 1.600017	-69.25	RMS	28.6	-15.6	11.8	-48.9	-93.35	-85.3	-8.05	242	155	H
4	* 1.569104	-69.88	RMS	28.5	-15.6	11.8	-48.9	-94.08	-85.3	-8.78	294	155	V
5	* 1.581974	-69.89	RMS	28.6	-15.6	11.8	-48.9	-93.99	-85.3	-8.69	53	155	V
6	* 1.601821	-69.98	RMS	28.7	-15.6	11.8	-49	-94.08	-85.3	-8.78	75	155	V

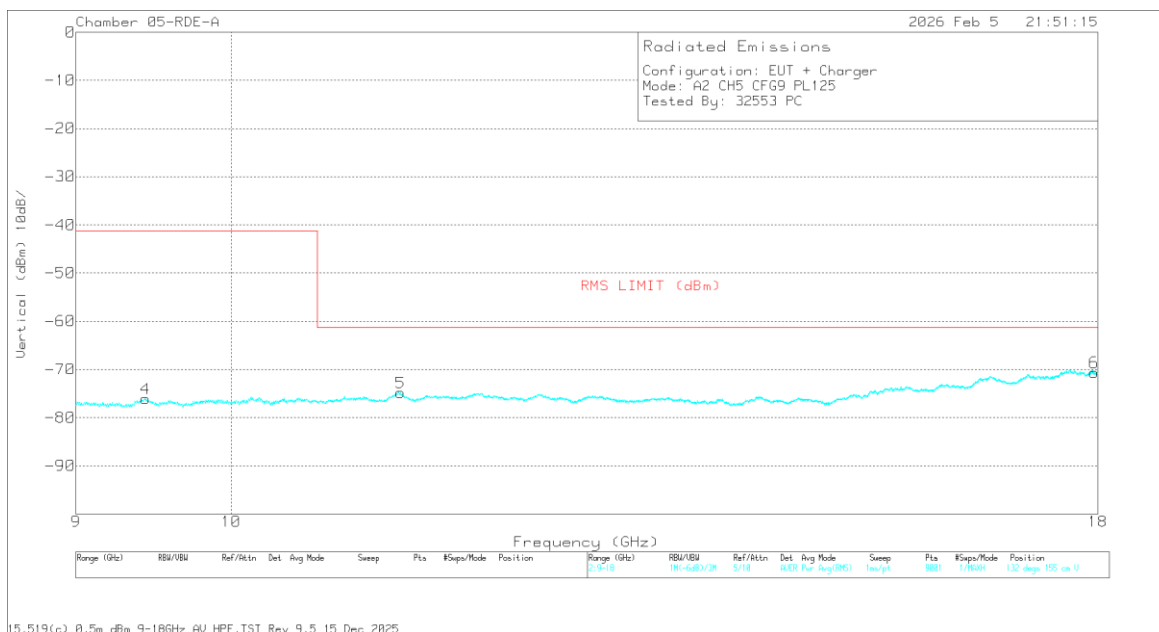
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
RMS - RMS detection

9.6.4. AVERAGE EMISSIONS, 9 – 18 GHz**Trace Markers**

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	22671 ACF (dBm)	Dist. Corr. (dB)	Conversion Factor (dB)	Gain/Loss (dB)	Corrected Reading (dBm)	RMS LIMIT (dBm)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 12.313	-68.87	RMS	39.2	-15.6	11.8	-41.7	-75.17	-61.3	-13.87	286	155	H
5	* 12.334	-69.01	RMS	39.2	-15.6	11.8	-41.6	-75.21	-61.3	-13.91	316	155	V
4	10.134	-65.36	RMS	37.9	-15.6	11.8	-44.4	-75.66	-41.3	-34.36	97	155	V
1	10.148	-65.49	RMS	37.9	-15.6	11.8	-44.5	-75.89	-41.3	-34.59	176	155	H
6	17.652	-71.72	RMS	42.1	-15.6	11.8	-36.9	-70.32	-61.3	-9.02	229	155	V
3	17.653	-71.7	RMS	42.1	-15.6	11.8	-36.9	-70.3	-61.3	-9	66	155	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
RMS - RMS detection

ANT2 CH5 Config 9

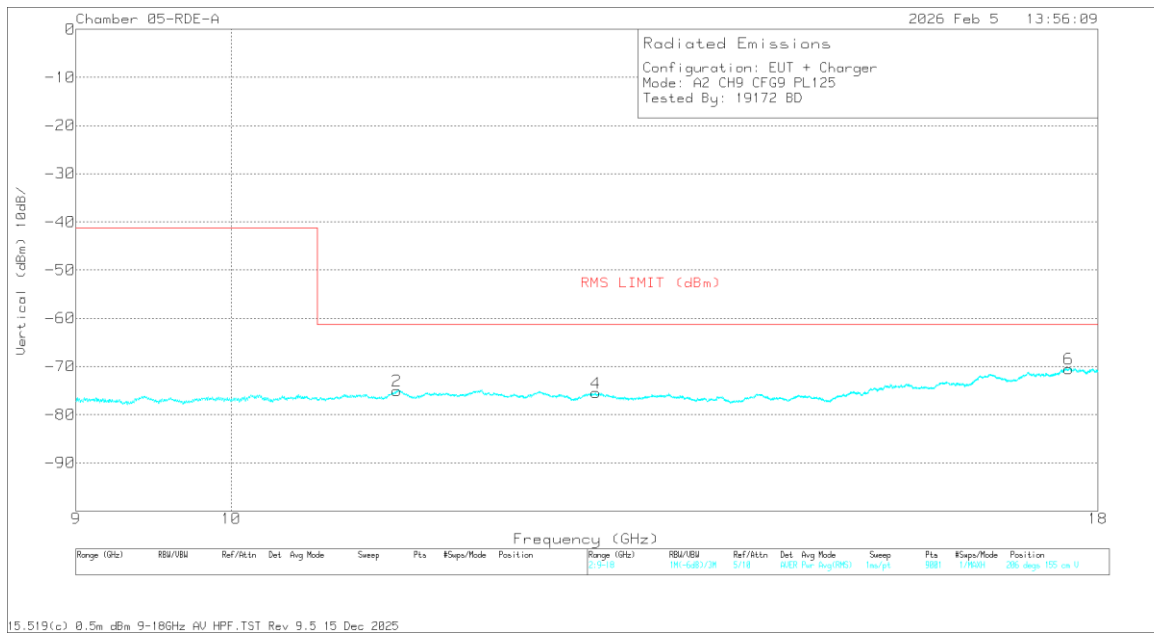
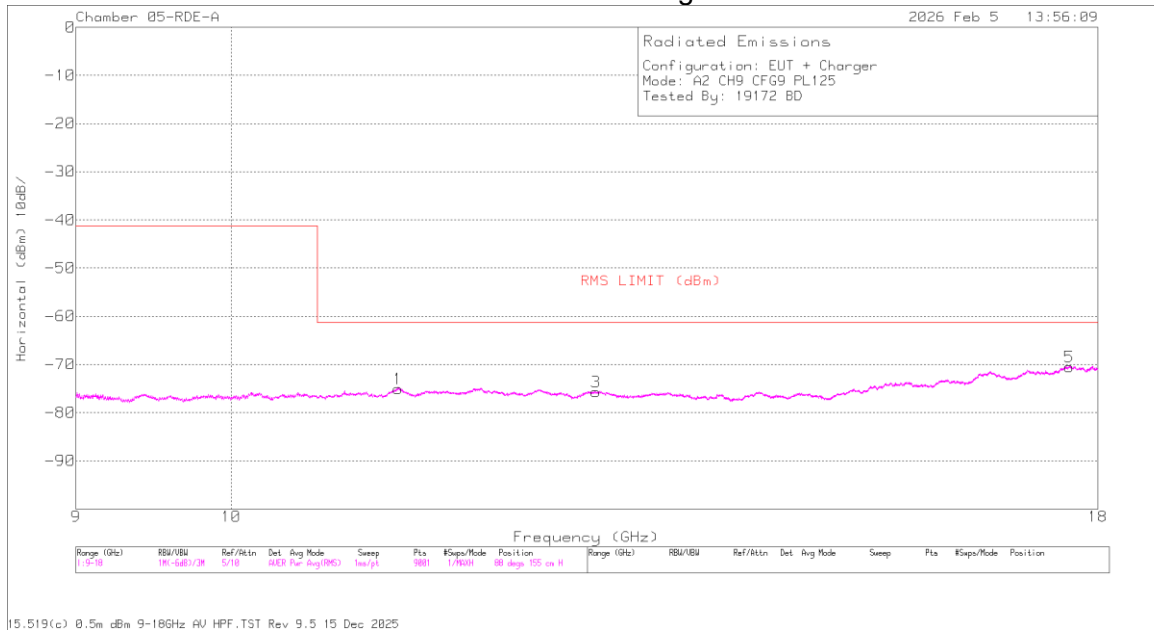


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	226671 ACF (dBm)	Dist. Corr. (dB)	Conversion Factor (dB)	Gain/Loss (dB)	Corrected Reading (dBm)	RMS LIMIT (dBm)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 9.428	-65.75	RMS	37	-15.6	11.8	-43.6	-76.15	-41.3	-34.85	52	155	H
2	* 11.216	-68.1	RMS	38.5	-15.6	11.8	-41.5	-74.9	-61.3	-13.6	162	155	H
4	* 9.437	-65.61	RMS	37	-15.6	11.8	-43.7	-76.11	-41.3	-34.81	308	155	V
5	* 11.215	-68.05	RMS	38.5	-15.6	11.8	-41.5	-74.85	-61.3	-13.55	264	155	V
6	* 17.952	-73.19	RMS	42.1	-15.6	11.8	-35.7	-70.59	-61.3	-9.29	220	155	V
3	17.679	-71.64	RMS	42.1	-15.6	11.8	-37	-70.34	-61.3	-9.04	119	155	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
RMS - RMS detection

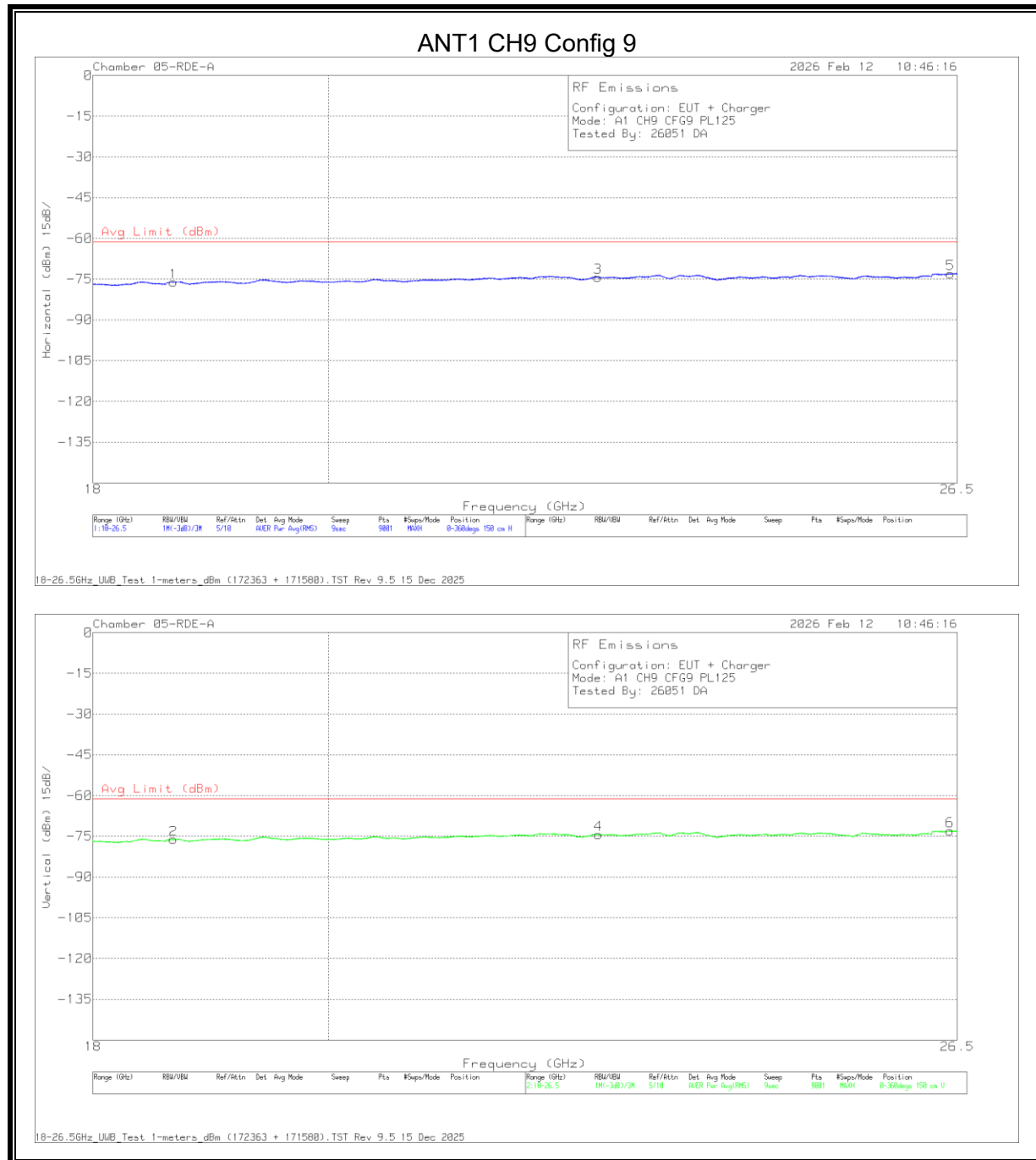
ANT2 CH9 Config 9



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	226671 ACF (dB/m)	Dist. Corr. (dB)	Conversion Factor (dB)	Gain/Loss (dB)	Corrected Reading (dBm)	RMS LIMIT (dBm)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 11.198	-68.14	RMS	38.5	-15.6	11.8	-41.6	-75.04	-61.3	-13.74	242	155	H
2	* 11.19	-68.04	RMS	38.5	-15.6	11.8	-41.7	-75.04	-61.3	-13.74	141	155	V
3	12.807	-69.25	RMS	39.3	-15.6	11.8	-41.9	-75.65	-61.3	-14.35	66	155	H
4	12.808	-69.09	RMS	39.3	-15.6	11.8	-41.9	-75.49	-61.3	-14.19	294	155	V
6	17.649	-71.87	RMS	42.1	-15.6	11.8	-36.9	-70.47	-61.3	-9.17	75	155	V
5	17.652	-71.87	RMS	42.1	-15.6	11.8	-36.9	-70.47	-61.3	-9.17	176	155	H

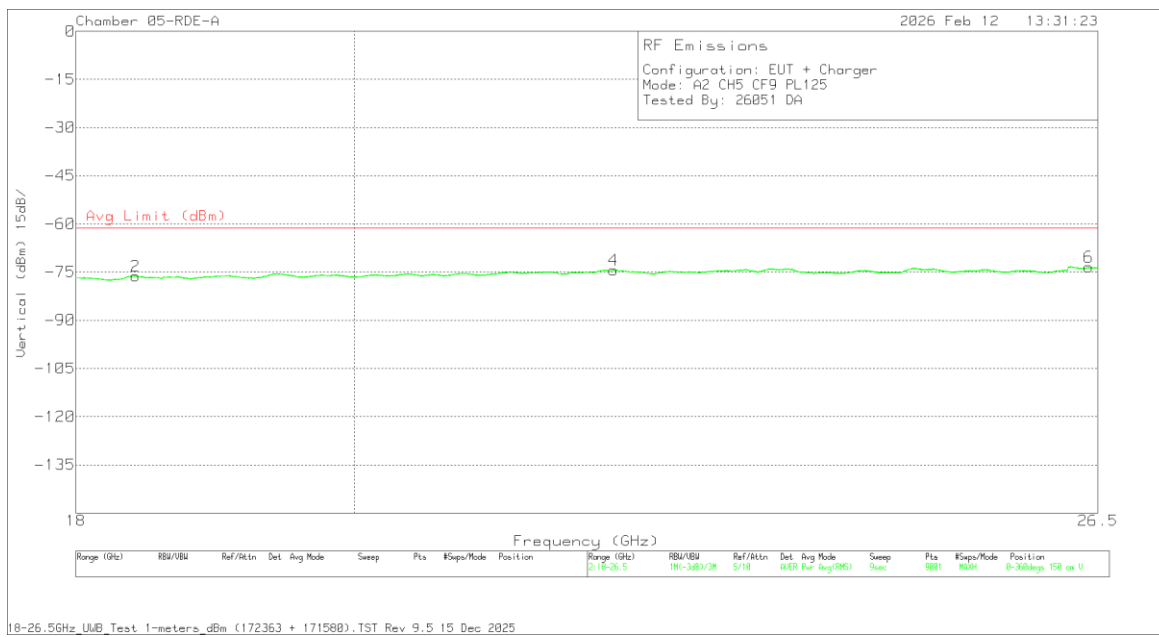
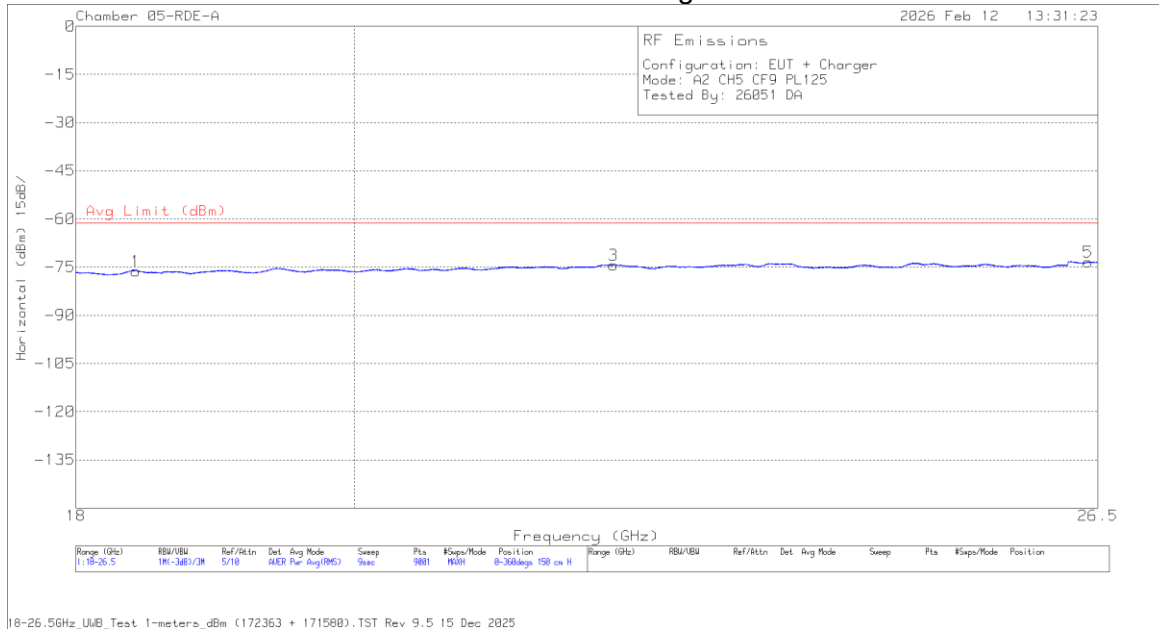
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
RMS - RMS detection

9.6.5. AVERAGE EMISSIONS, 18 – 26.5 GHz**Trace Markers**

Marker	Frequency (GHz)	Marker Reading (dBm)	Det	172363 ACP (dBm)	CELIAMP (dB)	Amp/CELIAMP (dB)	Dist Cor (dB)	Corr. Fact (dB)	Corrected Reading (dBm)	Avg Limit (dBm)	Margin (dB)	Altitude (Meters)	Height (m)	Polarity
1	* 18.650156	-62.43	RMS	32.9	-63.2	14.3	-9.5	11.8	-76.13	-61.3	-14.83	0.360	150	H
3	* 22.664026	-63.13	RMS	33.9	-63.1	15.7	-9.5	11.8	-74.33	-61.3	-13.03	0.360	150	H
2	* 18.658277	-62.44	RMS	32.9	-63.2	14.3	-9.5	11.8	-76.14	-61.3	-14.84	0.360	150	V
4	* 22.568276	-63.15	RMS	33.9	-63.1	15.7	-9.5	11.8	-74.35	-61.3	-13.05	0.360	150	V
6	26.412163	-65.86	RMS	35.3	-62.1	17.3	-9.5	11.8	-73.06	-61.3	-11.76	0.360	150	V
5	26.417829	-65.8	RMS	35.3	-62.1	17.3	-9.5	11.8	-73	-61.3	-11.7	0.360	150	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
RMS - RMS detection

ANT2 CH5 Config 9

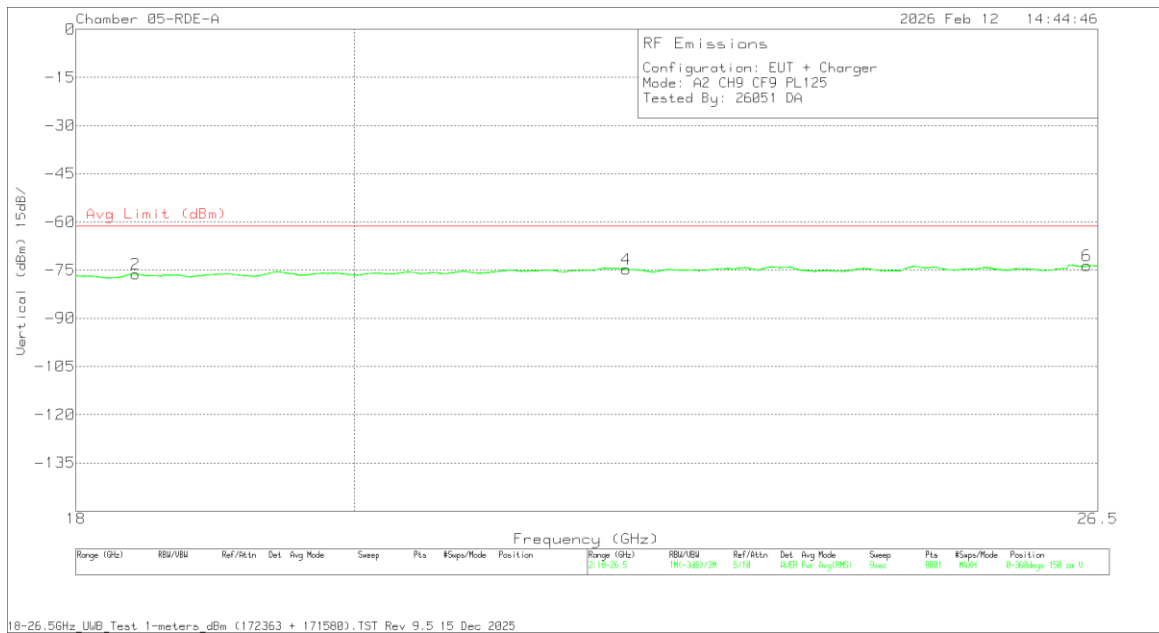
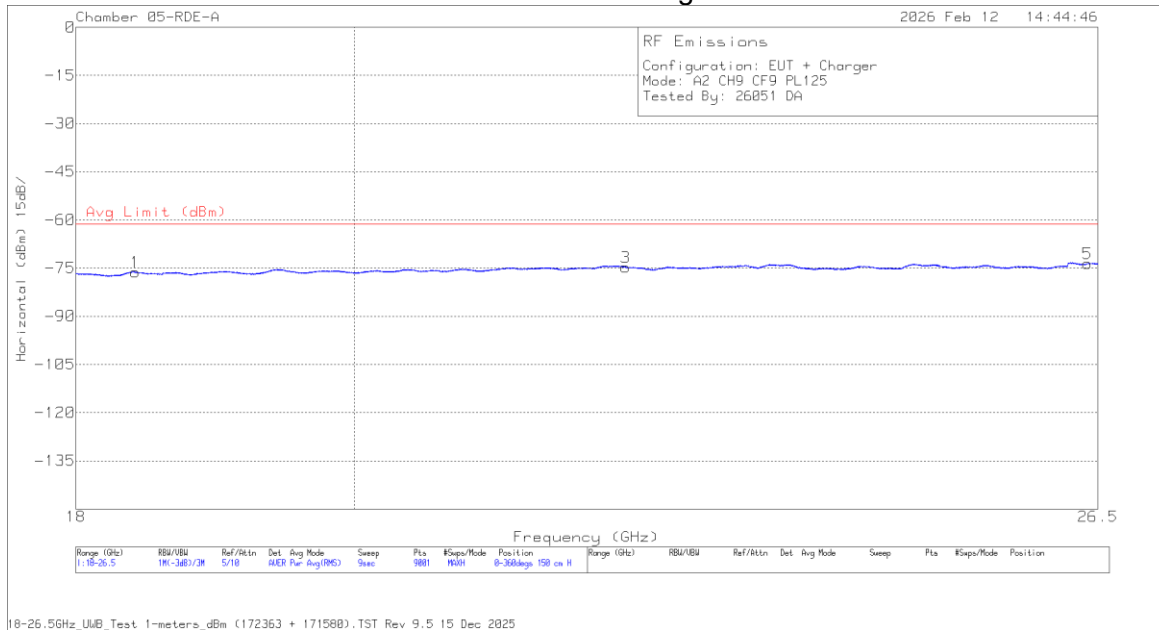


Trace Markers

Marker	Frequency (GHz)	Marker Reading (dBm)	Det	172363 ACF (dBm)	CELIAMP (dB)	Amp/CaliFm (dB)	Dist Corr (dB)	Conv. Fact. (dB)	Corrected Reading (dBm)	Avg Limit (dBm)	Margin (dB)	Altitude (Feet)	Height (m)	Polarity
1	* 18.412722	-61.07	RMS	32.8	-63.4	14.1	-9.5	11.8	-76.17	-61.3	-14.87	0.360	150	H
3	* 22.05922	-63.12	RMS	34	-63.1	15.6	-9.5	11.8	-74.32	-61.3	-13.02	0.360	150	H
2	* 18.410833	-62.01	RMS	32.8	-63.4	14.1	-9.5	11.8	-76.21	-61.3	-14.91	0.360	150	V
4	* 22.060165	-63.17	RMS	34	-63.1	15.6	-9.5	11.8	-74.37	-61.3	-13.07	0.360	150	V
5	26.401174	-66.26	RMS	35.3	-62.1	17.3	-9.5	11.8	-73.46	-61.3	-12.16	0.360	150	H
6	26.406496	-66.22	RMS	35.3	-62.1	17.3	-9.5	11.8	-73.42	-61.3	-12.12	0.360	150	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
RMS - RMS detection

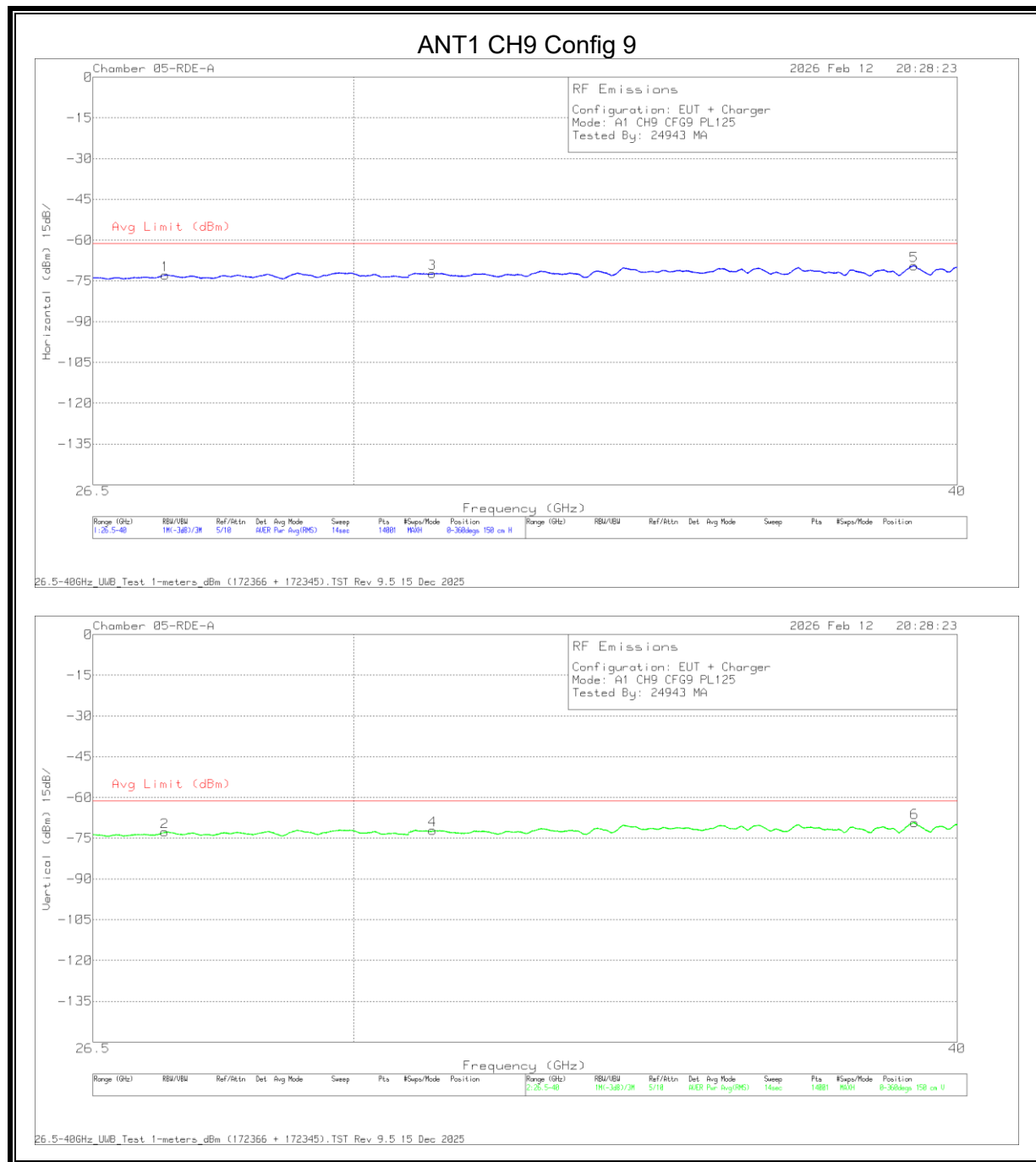
ANT2 CH9 Config 9



Trace Markers

Marker	Frequency (GHz)	Marker Reading (dBm)	Det	172363 AZF (dBm)	CBL/AMP (dB)	Amp/Cbl/Fit (dB)	Det Cor (dB)	Corr. Fact. (dB)	Corrected Reading (dBm)	Avg Limit (dBm)	Margin (dB)	Altitude (Degs)	Height (m)	Polarity
1	* 18.408944	-62.01	RMS	32.8	-63.4	14.1	-9.5	11.8	-76.21	-61.3	-14.91	0-360	150	H
3	* 22.163189	-63.27	RMS	34	-63.3	15.6	-9.5	11.8	-74.67	-61.3	-13.37	0-360	150	H
2	* 18.410533	-62.02	RMS	32.8	-63.4	14.1	-9.5	11.8	-76.22	-61.3	-14.92	0-360	150	V
4	* 22.168776	-63.28	RMS	34	-63.3	15.6	-9.5	11.8	-74.68	-61.3	-13.38	0-360	150	V
6	26.390913	-66.43	RMS	35.3	-62.1	17.3	-9.5	11.8	-73.63	-61.3	-12.33	0-360	150	V
5	26.394218	-66.37	RMS	35.3	-62.1	17.3	-9.5	11.8	-73.57	-61.3	-12.27	0-360	150	H

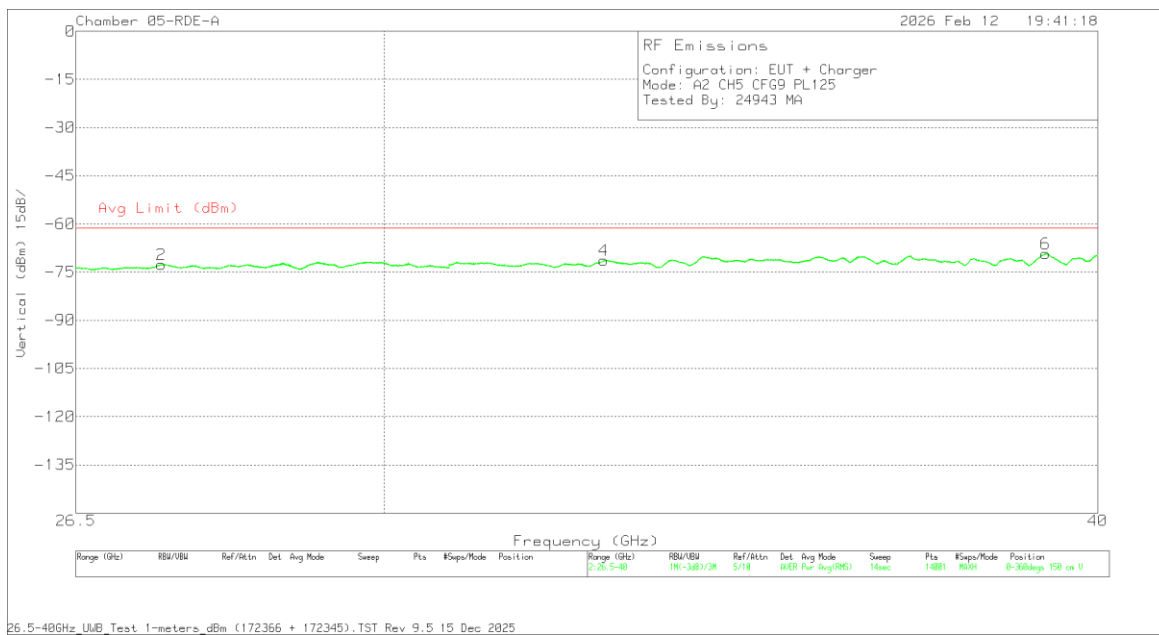
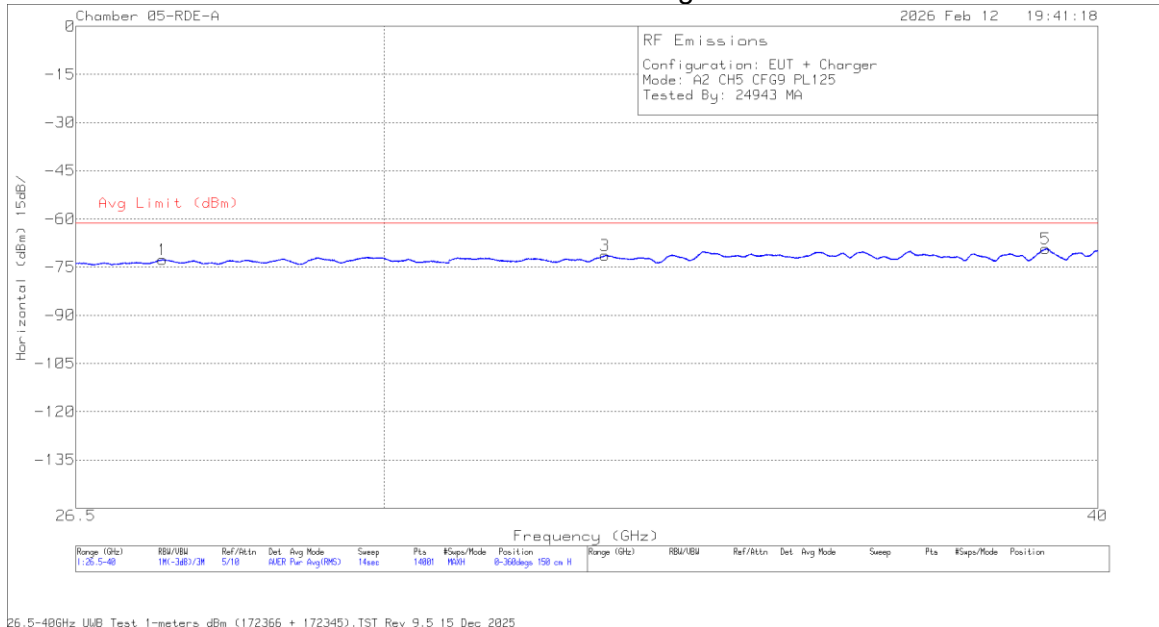
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
RMS - RMS detection

9.6.6. AVERAGE EMISSIONS, 26.5 – 40 GHz**Trace Markers**

Marker	Frequency (GHz)	Marker Reading (dBm)	Det	172366 ACF (dBm)	CBLAMP (dB)	Dist Corr (dB)	Conversion Factor (dB)	Amp/Coeff (dB)	Corrected Reading (dBm)	Avg Limit (dBm)	Margin (dB)	Azimuth (Degs)	Height (m)	Polarity
2	27.419929	-55.24	RMS	36.2	-74	-9.5	11.8	18	-72.74	-61.3	-11.44	0-360	150	V
1	27.430536	-55.43	RMS	36.2	-73.9	-9.5	11.8	18	-72.83	-61.3	-11.53	0-360	150	H
3	31.150751	-61.53	RMS	37.2	-69.4	-9.5	11.8	19.1	-72.33	-61.3	-11.03	0-360	150	H
4	31.150266	-61.34	RMS	37.2	-69.4	-9.5	11.8	19.1	-72.14	-61.3	-10.84	0-360	150	V
5	39.189039	-62.12	RMS	39	-70.3	-9.5	11.8	21.7	-69.42	-61.3	-8.12	0-360	150	H
6	39.193861	-61.89	RMS	39	-70.4	-9.5	11.8	21.7	-69.29	-61.3	-7.99	0-360	150	V

RMS - RMS detection

ANT2 CH5 Config 9

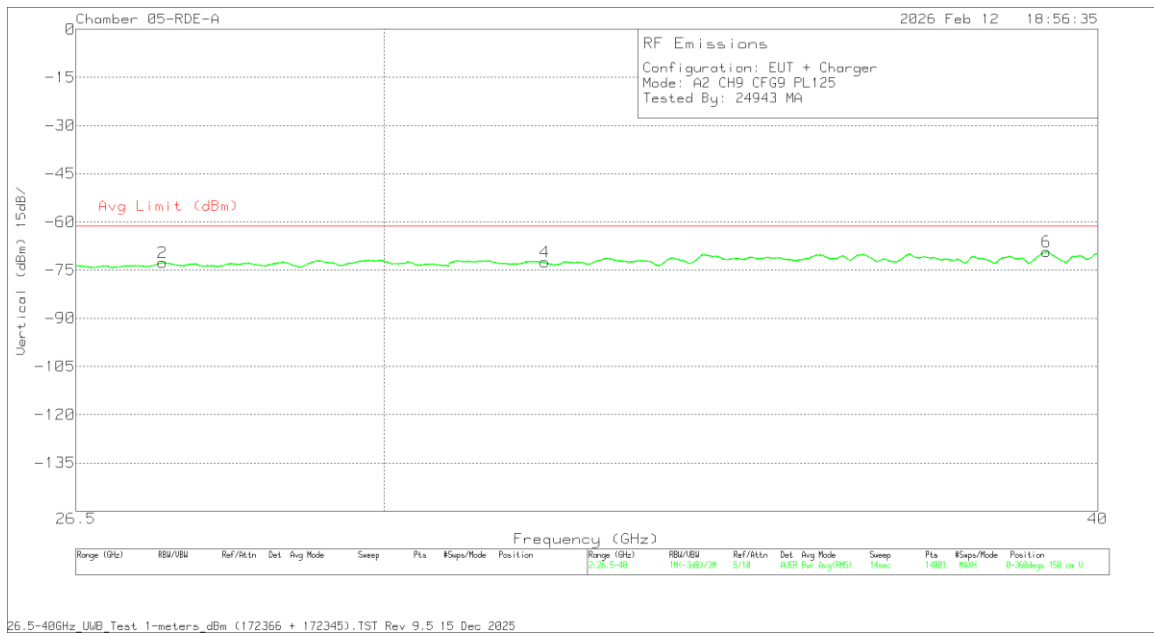
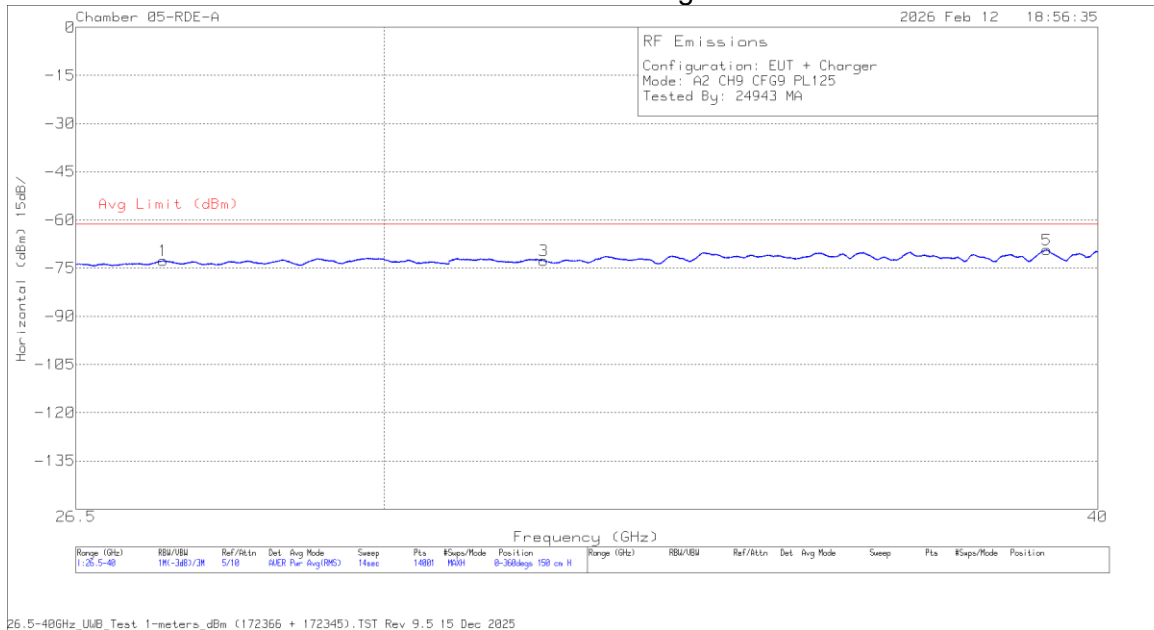


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	172366 ACF (dBm)	CBLAMP (dB)	Dist Corr (dB)	Conversion Factor (dB)	Amp/ChFtr (dB)	Corrected Reading (dBm)	Avg Limit (dBm)	Margin (dB)	Altitude (ft)	Height (m)	Polarity
2	27.430536	-55.24	RMS	36.2	-73.9	-9.5	11.8	18	-72.64	-61.3	-11.34	0.360	150	V
1	27.441143	-55.25	RMS	36.2	-73.9	-9.5	11.8	18	-72.65	-61.3	-11.35	0.360	150	H
4	32.782323	-60.19	RMS	37.5	-70.7	-9.5	11.8	19.8	-71.29	-61.3	-9.99	0.360	150	V
3	32.784859	-60.39	RMS	37.5	-70.8	-9.5	11.8	19.8	-71.39	-61.3	-10.09	0.360	150	H
5	39.167825	-62.08	RMS	39	-70.2	-9.5	11.8	21.7	-69.28	-61.3	-7.98	0.360	150	H
6	39.167825	-62.1	RMS	39	-70.2	-9.5	11.8	21.7	-69.3	-61.3	-8	0.360	150	V

RMS - RMS detection

ANT2 CH9 Config 9



Trace Markers

Marker	Frequency (GHz)	Marker Reading (dBm)	Det	172366 ACF (dBm)	CEL/AMP (dB)	Dist Corr (dB)	Conversion Factor (dB)	Ant/CNFtr (dB)	Corrected Reading (dBm)	Avg Limit (dBm)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
2	27.442107	-55.23	RMS	36.2	-73.9	-9.5	11.8	18	-72.63	-61.3	-11.33	0-360	150	V
1	27.446922	-55.28	RMS	36.2	-73.9	-9.5	11.8	18	-72.68	-61.3	-11.38	0-360	150	H
3	31.988359	-61.69	RMS	37.1	-69.9	-9.5	11.8	19.6	-72.59	-61.3	-11.29	0-360	150	H
4	32.009953	-61.49	RMS	37.1	-69.9	-9.5	11.8	19.6	-72.39	-61.3	-11.09	0-360	150	V
6	39.181325	-61.9	RMS	39	-70.3	-9.5	11.8	21.7	-69.2	-61.3	-7.9	0-360	150	V
5	39.187111	-62.03	RMS	39	-70.3	-9.5	11.8	21.7	-69.33	-61.3	-8.03	0-360	150	H

RMS - RMS detection

9.7. AC POWER-LINE CONDUCTED EMISSIONS**LIMITS**

FCC §15.207 (a) & RSS-Gen 8.8

Frequency of Emission (MHz)	Conducted Limit (dBuV)	
	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 PROCEDURE**

ANSI C63.10 Section 6.2

The EUT is placed on a non-conducting table 40 cm from the vertical ground plane and 80 cm above the horizontal ground plane. The EUT is configured in accordance with ANSI C63.10.

The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

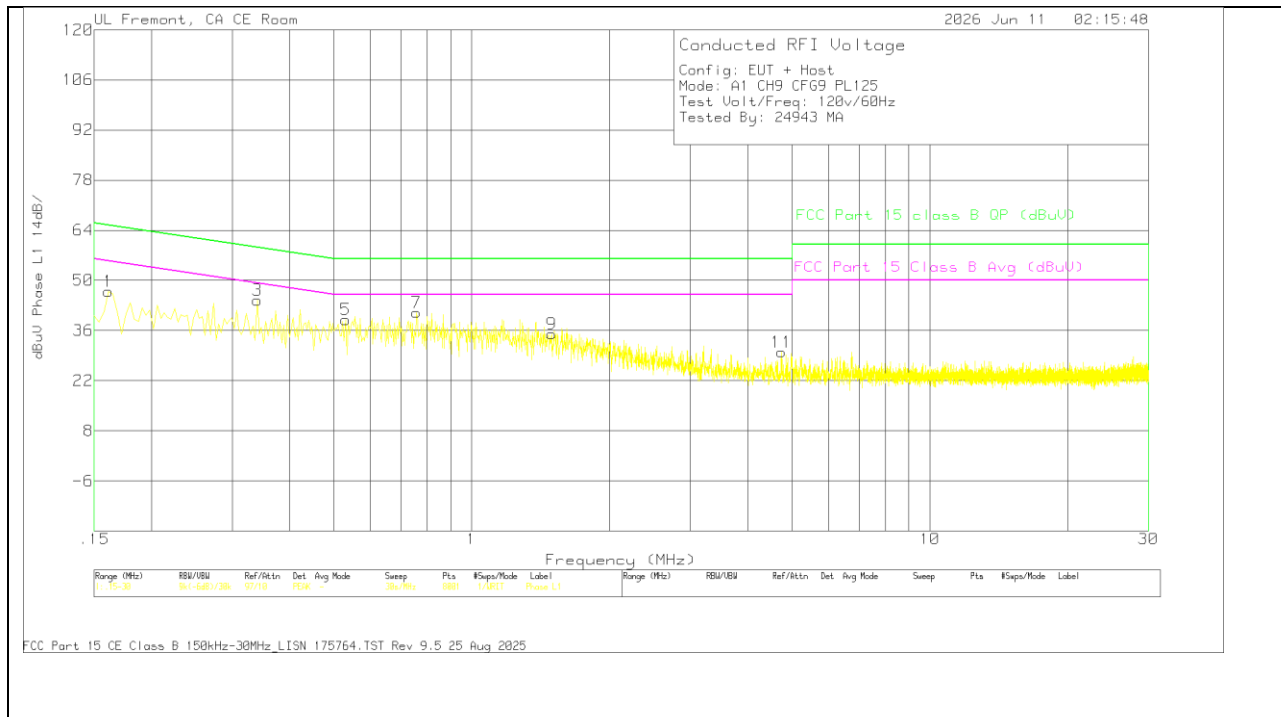
Line conducted data is recorded for both HOT (L1) and NEUTRAL (L2) lines.

RESULTS

Employee IDs: 24943

Location: 04-IMM-A

Test Date: June 11, 2026

9.7.1. AC Power Line With Laptop**LINE 1 RESULTS**

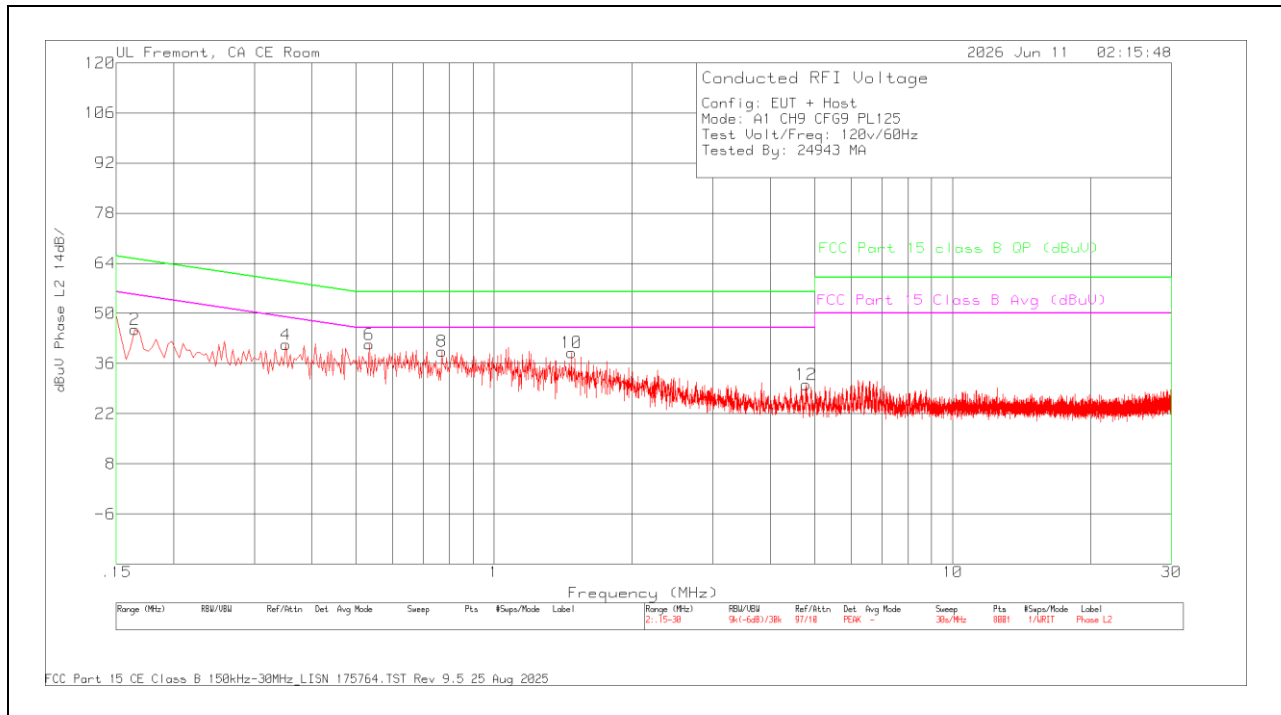
Range 1: Phase L1 .15 - 30MHz										
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	175764 LISN L1 (dB)	Line 1 202326, C3 202322, C1 202326 - 10dB Pad (dB)	Corrected Reading dBuV	FCC Part 15 Class B Avg (dBuV)	Margin (dB)	FCC Part 15 class B QP (dBuV)	Margin (dB)
1	.1612	36.7	Pk	.1	10.1	46.9	-	-	65.4	-18.5
3	.3403	34.37	Pk	0	10.1	44.47	-	-	59.2	-14.73
5	.5306	28.99	Pk	0	10.1	39.09	-	-	56	-16.91
7	.7582	30.95	Pk	0	10.1	41.05	-	-	56	-14.95
9	1.4969	24.99	Pk	0	10.1	35.09	-	-	56	-20.91
11	4.7503	20.01	Pk	0	10	30.01	-	-	56	-25.99

Range 1: Phase L1 .15 - 30MHz									
Frequency (MHz)	Meter Reading (dBuV)	Det	175764 LISN L1 (dB)	Line 1 202326, C3 202322, C1 202326 - 10dB Pad (dB)	Corrected Reading dBuV	FCC Part 15 Class B Avg (dBuV)	Margin (dB)	FCC Part 15 class B QP (dBuV)	Margin (dB)
.1612	34.03	Qp	.1	10.1	44.23	-	-	65.4	-21.17
.1612	12.68	Av	.1	10.1	22.88	55.4	-32.52	-	-
.3403	8.83	Qp	0	10.1	18.93	-	-	59.2	-40.27
.3403	-6.88	Av	0	10.1	3.22	49.2	-45.98	-	-
.5306	-5.67	Qp	0	10.1	4.43	-	-	56	-51.57
.5306	-12.64	Av	0	10.1	-2.54	46	-48.54	-	-
.7582	15.68	Qp	0	10.1	25.78	-	-	56	-30.22
.7582	15.27	Av	0	10.1	25.37	46	-20.63	-	-
1.4969	-.85	Qp	0	10.1	9.25	-	-	56	-46.75
1.4969	-2.68	Av	0	10.1	7.42	46	-38.58	-	-
4.7503	3.26	Qp	0	10	13.26	-	-	56	-42.74
4.7503	-7.27	Av	0	10	2.73	46	-43.27	-	-

Pk - Peak detector

Qp - Quasi-Peak detector

Av - Average detection

LINE 2 RESULTS

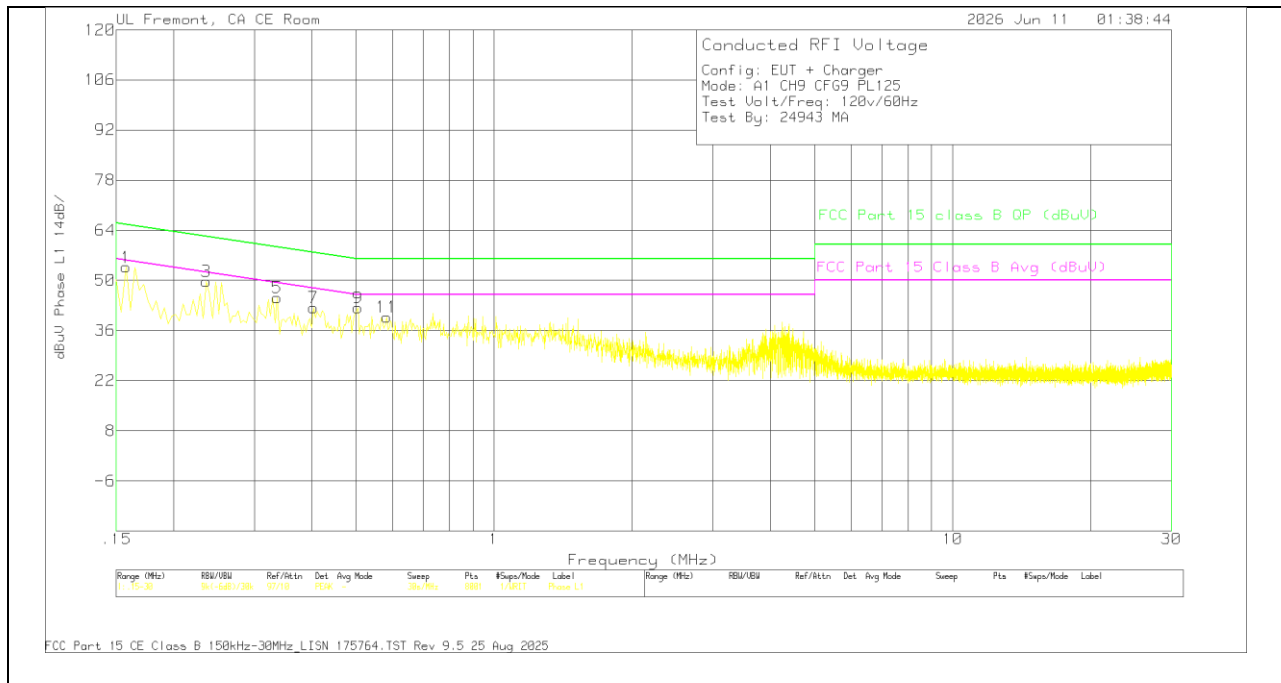
Range 2: Phase L2 .15 - 30MHz										
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	175764 LISN L2 (dB)	Line 2 202327, C3 202322, C2 202327, - 10dB Pad (dB)	Corrected Reading dBuV	FCC Part 15 Class B Avg (dBuV)	Margin (dB)	FCC Part 15 class B QP (dBuV)	Margin (dB)
2	.1649	35.39	Pk	.1	10.1	45.59	-	-	65.21	-19.62
4	.3515	31.15	Pk	0	10.1	41.25	-	-	58.93	-17.68
6	.5343	31.3	Pk	0	10.1	41.4	-	-	56	-14.6
8	.7694	29.32	Pk	0	10.1	39.42	-	-	56	-16.58
10	1.4745	28.88	Pk	0	10.1	38.98	-	-	56	-17.02
12	4.7951	19.88	Pk	.1	10.2	30.18	-	-	56	-25.82

Range 2: Phase L2 .15 - 30MHz									
Frequency (MHz)	Meter Reading (dBuV)	Det	175764 LISN L2 (dB)	Line 2 202327, C3 202322, C2 202327, - 10dB Pad (dB)	Corrected Reading dBuV	FCC Part 15 Class B Avg (dBuV)	Margin (dB)	FCC Part 15 class B QP (dBuV)	Margin (dB)
.1649	8.1	Av	.1	10.1	18.3	55.21	-36.91	-	-
.3515	-9.57	Av	0	10.1	.53	48.93	-48.4	-	-
.5343	-12.87	Av	0	10.1	-2.77	46	-48.77	-	-
.7694	-12.67	Av	0	10.1	-2.57	46	-48.57	-	-
1.4745	-2.43	Av	0	10.1	7.67	46	-38.33	-	-
4.7951	-10.03	Av	.1	10.2	.27	46	-45.73	-	-
.1649	32.83	Qp	.1	10.1	43.03	-	-	65.21	-22.18
.3515	6.23	Qp	0	10.1	16.33	-	-	58.93	-42.6
.5343	-6.32	Qp	0	10.1	3.78	-	-	56	-52.22
.7694	-6.42	Qp	0	10.1	3.68	-	-	56	-52.32
1.4745	.68	Qp	0	10.1	10.78	-	-	56	-45.22
4.7951	2.65	Qp	.1	10.2	12.95	-	-	56	-43.05

Pk - Peak detector

Qp - Quasi-Peak detector

Av - Average detection

9.7.2. AC Power Line With AC/DC Adapter**LINE 1 RESULTS**

Range 1: Phase L1 .15 - 30MHz										
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	175764 LISN L1 (dB)	Line 1 202326, C3 202322, C1 202326 - 10dB Pad (dB)	Corrected Reading dBuV	FCC Part 15 Class B Avg (dBuV)	Margin (dB)	FCC Part 15 class B QP (dBuV)	Margin (dB)
1	.1575	43.48	Pk	.1	10.1	53.68	-	-	65.6	-11.92
3	.2358	39.58	Pk	0	10.1	49.68	-	-	62.24	-12.56
5	.3366	35.08	Pk	0	10.1	45.18	-	-	59.29	-14.11
7	.4037	32.32	Pk	0	10.1	42.42	-	-	57.78	-15.36
9	.5045	32.2	Pk	0	10.1	42.3	-	-	56	-13.7
11	.5828	29.58	Pk	0	10.1	39.68	-	-	56	-16.32

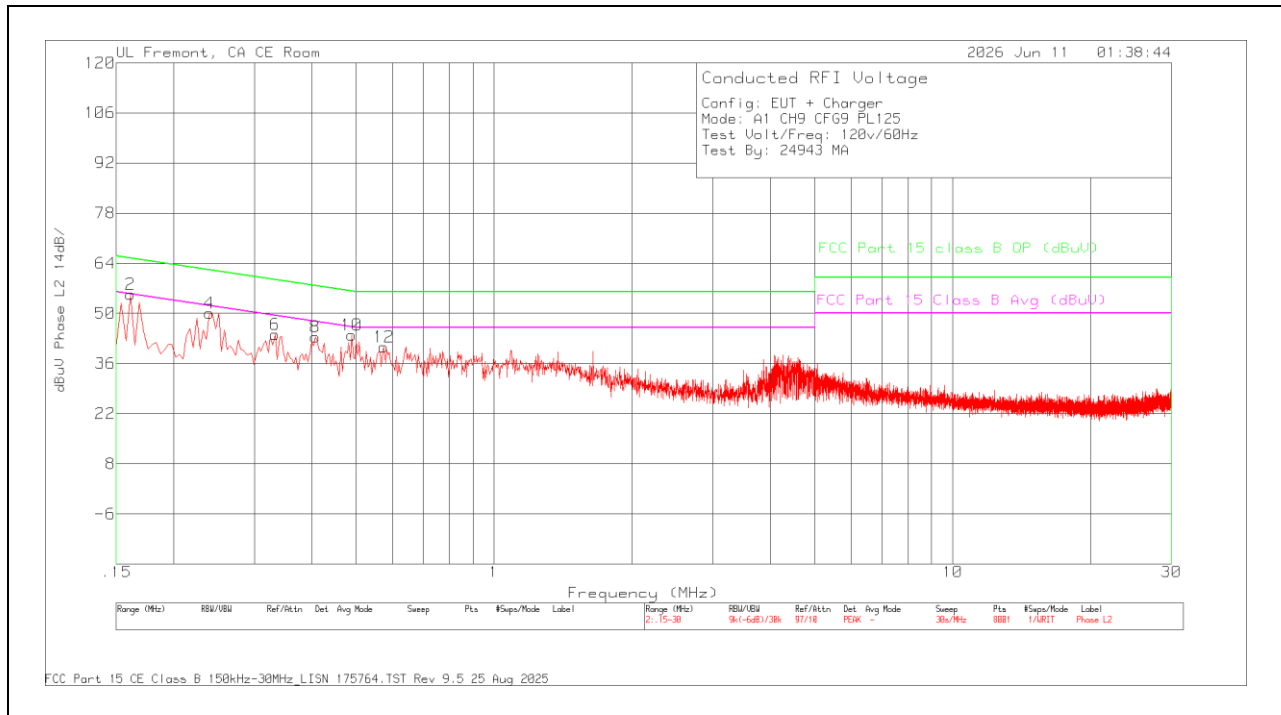
Range 1: Phase L1 .15 - 30MHz									
Frequency (MHz)	Meter Reading (dBuV)	Det	175764 LISN L1 (dB)	Line 1 202326, C3 202322, C1 202326 - 10dB Pad (dB)	Corrected Reading dBuV	FCC Part 15 Class B Avg (dBuV)	Margin (dB)	FCC Part 15 class B QP (dBuV)	Margin (dB)
.1575	36.96	Qp	.1	10.1	47.16	-	-	65.6	-18.44
.1575	18.93	Av	.1	10.1	29.13	55.6	-26.47	-	-
.2358	30.39	Qp	0	10.1	40.49	-	-	62.24	-21.75
.2358	13.79	Av	0	10.1	23.89	52.24	-28.35	-	-
.3366	29.67	Qp	0	10.1	39.77	-	-	59.29	-19.52
.3366	13.25	Av	0	10.1	23.35	49.29	-25.94	-	-
.4037	27.31	Qp	0	10.1	37.41	-	-	57.78	-20.37
.4037	12.84	Av	0	10.1	22.94	47.78	-24.84	-	-
.5045	25.24	Qp	0	10.1	35.34	-	-	56	-20.66
.5045	11.39	Av	0	10.1	21.49	46	-24.51	-	-
.5828	23.9	Qp	0	10.1	34	-	-	56	-22
.5828	5.32	Av	0	10.1	15.42	46	-30.58	-	-

Pk - Peak detector

Qp - Quasi-Peak detector

Av - Average detection

LINE 2 RESULTS



Range 2: Phase L2 .15 - 30MHz										
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	175764 LISN L2 (dB)	Line 2 202327, C3 202322, C2 202327, -10dB Pad (dB)	Corrected Reading dBuV	FCC Part 15 Class B Avg (dBuV)	Margin (dB)	FCC Part 15 class B QP (dBuV)	Margin (dB)
2	.1612	45.14	Pk	.1	10.1	55.34	-	-	65.4	-10.06
4	.2395	39.88	Pk	.1	10.1	50.08	-	-	62.11	-12.03
6	.3328	34.07	Pk	0	10.1	44.17	-	-	59.38	-15.21
8	.4074	33.3	Pk	0	10.1	43.4	-	-	57.7	-14.3
10	.4895	33.79	Pk	0	10.1	43.89	-	-	56.18	-12.29
12	.5753	30.56	Pk	0	10.1	40.66	-	-	56	-15.34

Range 2: Phase L2 .15 - 30MHz									
Frequency (MHz)	Meter Reading (dBuV)	Det	175764 LISN L2 (dB)	Line 2 202327, C3 202322, C2 202327, -10dB Pad (dB)	Corrected Reading dBuV	FCC Part 15 Class B Avg (dBuV)	Margin (dB)	FCC Part 15 class B QP (dBuV)	Margin (dB)
.1612	26.24	Av	.1	10.1	36.44	55.4	-18.96	-	-
.2395	17.44	Av	.1	10.1	27.64	52.11	-24.47	-	-
.3328	14.52	Av	0	10.1	24.62	49.38	-24.76	-	-
.4074	11.85	Av	0	10.1	21.95	47.7	-25.75	-	-
.4895	11.44	Av	0	10.1	21.54	46.18	-24.64	-	-
.5753	6.42	Av	0	10.1	16.52	46	-29.48	-	-
.1612	42.25	Qp	.1	10.1	52.45	-	-	65.4	-12.95
.2395	35.36	Qp	.1	10.1	45.56	-	-	62.11	-16.55
.3328	31.11	Qp	0	10.1	41.21	-	-	59.38	-18.17
.4074	28.1	Qp	0	10.1	38.2	-	-	57.7	-19.5
.4895	27.79	Qp	0	10.1	37.89	-	-	56.18	-18.29
.5753	24.77	Qp	0	10.1	34.87	-	-	56	-21.13

Pk - Peak detector

Qp - Quasi-Peak detector

Av - Average detection

10. SETUP PHOTOS

Please refer to 15982152-EP1V1 for setup photos.

11. APPENDIX A - SPOT CHECK EVALUATION

11.1. MODEL DIFFERENCES

The manufacturer hereby declares the following for models A3472, A3713, A3714 and A3715. These models are very similar, with only the following differences.

Model	FCC ID	IC ID	Feature Difference	Sim Support	Reference Model
A3472	BCG-E9186A	579C-E9186A	-With FR2 -No LTE B11, B21	eSIM	-
A3713	BCG-E9192A	579C-E9192A	-Without FR2 -Added LTE B11, B21	eSIM	A3472
A3714	BCG-E9193A	579C-E9193A	-Without FR2 -No LTE/5GNR B14, B29, B71 -No LTE B11, B21	eSIM	
A3715	BCG-E9194A	579C-E9194A	-Without FR2 -No LTE/5GNR B14, B29, B71, B53 -No LTE B11, B21, MSS	pSIM+pSIM	

Note:

- All Models use the same System, Cellular and Connectivity radio electrical schematics.
- Removal of LTE/ 5GNR bands on models either done by software or de-population of related components. For models without FR2 may have different antenna gains on certain bands. Please refer to data reuse test plan for details.
- All Models use the same Applications Processor and PMU.
- All Models use the same UICC hardware/software interface.
- All Models run the same Baseband firmware and iOS software.

The spot check plan allows for data reuse from the reference model where the variant model data meets the limits and has not changed by more than the criteria from KDB 484596 D01 v03 equation (4).

$$d_{dBmax}(M_{dB}) = \begin{cases} (3 + M_{dB}/20) \text{ dB} & , \text{ for } 0 \leq M_{dB} \leq 60 \text{ dB} \\ 6 \text{ dB} & , \text{ for } M_{dB} > 60 \text{ dB} \end{cases} \quad (4)$$

Where: d_{dB} deviation from Reference data, V_{dB} variant spot check level, and R_{dB} measurement level

11.2. SPOT CHECK VERIFICATION RESULTS SUMMARY FOR A3713

A3713 SPOT CHECK RESULTS											
Equipment Class / Technology	Worst Mode	Channel	Config	PL	Test Item	Measured Frequency (GHz)	Original Model: A3472	Sub Model: A3713	Delta (dB or MHz)	Margin	Remarks
							FCC ID : BCG-E9186A IC : 579C-E9186A	FCC ID: BCG-E9192A IC : 579C-E9192A			
UWB	Ant 2	9	808	0	Avg EIRP Power (dBm)	6 to 9	-42.32	-43.03	-0.71	-1.02	Note 1
		5	405	4093	Operating Bandwidth (MHz)	6 to 9	508.13	540.14	32.01	N/A	Note 3
	Ant 1	9	9	125	Out-Of-Band Emissions (dBm)	0.96 - 5	-81.04	-83.09	-2.05	-5.74	Note 1

Note 1: Deviation from reference to variant within the value allowed by equation (4) in KDB 484596. Additional tests not required.

Note 2: Deviation from reference to variant exceeds the value allowed by equation (4) in KDB 484596. Additional tests performed on second channel.

Note 3: For bandwidth the criteria is that the bandwidth for both reference and variants models be larger than 500MHz.

11.3. SPOT CHECK VERIFICATION RESULTS SUMMARY FOR A3714

A3714 SPOT CHECK RESULTS											
Equipment Class / Technology	Worst Mode	Channel	Config	PL	Test Item	Measured Frequency (GHz)	Original Model: A3472	Sub Model: A3714	Delta (dB or MHz)	Margin	Remarks
							FCC ID : BCG-E9186A IC : 579C-E9186A	FCC ID: BCG-E9193A IC : 579C-E9193A			
UWB	Ant 2	9	808	0	Avg EIRP Power (dBm)	6 to 9	-42.32	-43.02	-0.70	-1.02	Note 1
		5	405	4093	Operating Bandwidth (MHz)	6 to 9	508.13	562.14	54.01	N/A	Note 3
	Ant 1	9	9	125	Out-Of-Band Emissions (dBm)	0.96 - 5	-81.04	-82.99	-1.95	-5.74	Note 1

Note 1: Deviation from reference to variant within the value allowed by equation (4) in KDB 484596. Additional tests not required.

Note 2: Deviation from reference to variant exceeds the value allowed by equation (4) in KDB 484596. Additional tests performed on second channel.

Note 3: For bandwidth the criteria is that the bandwidth for both reference and variants models be larger than 500MHz.

11.4. SPOT CHECK VERIFICATION RESULTS SUMMARY FOR A3715

A3715 SPOT CHECK RESULTS											
Equipment Class / Technology	Worst Mode	Channel	Config	PL	Test Item	Measured Frequency (GHz)	Original Model: A3472	Sub Model: A3715	Delta (dB or MHz)	Margin	Remarks
							FCC ID : BCG-E9186A IC : 579C-E9186A	FCC ID: BCG-E9194A IC : 579C-E9194A			
UWB	Ant 2	9	808	0	Avg EIRP Power (dBm)	6 to 9	-42.32	-42.98	-0.66	-1.02	Note 1
		5	405	4093	Operating Bandwidth (MHz)	6 to 9	508.13	546.64	38.51	N/A	Note 3
	Ant 1	9	9	125	Out-Of-Band Emissions (dBm)	0.96 - 5	-81.04	-82.94	-1.90	-5.74	Note 1

Note 1: Deviation from reference to variant within the value allowed by equation (4) in KDB 484596. Additional tests not required.

Note 2: Deviation from reference to variant exceeds the value allowed by equation (4) in KDB 484596. Additional tests performed on second channel.

Note 3: For bandwidth the criteria is that the bandwidth for both reference and variants models be larger than 500MHz.