

TEST REPORT

Report Number : 16064952-E20V2

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

Model : A3447 (Parent)
A3719, A3720, A3721 (Variants)

Brand : APPLE

FCC ID : BCG-E9188A (Parent)
BCG-E9198A, BCG-E9203A, BCG-E9204A (Variants)

IC : 579C-E9188A (Parent Model)
579C-E9198A, 579C-E9203A, 579C-E9204A (Variants)

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:
JULY 24, 2026

Prepared by:
UL VEIFICATION SERVICES INC.
47173 Benicia Street
Fremont, CA 94538, U.S.A.
TEL: (510) 319-4000
FAX: (510) 661-0888



Revision History

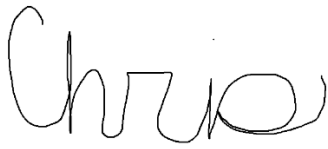
Rev.	Issue Date	Revisions	Revised By
V1	7/8/2026	Initial Issue	Thu Chan
V2	7/24/2026	Addressed TCB's Questions Updated: Cover Page, Sections 6.1, 8, 9.1 Moved: Cessation Time to 9.2 Added: Section 12	Christopher Chan

TABLE OF CONTENTS

1. ATTESTATION OF TEST RESULTS.....	5
2. TEST RESULTS SUMMARY	6
3. TEST METHODOLOGY	7
4. FACILITIES AND ACCREDITATION.....	7
5. DECISION RULES AND MEASUREMENT UNCERTAINTY.....	8
5.1. METROLOGICAL TRACEABILITY	8
5.2. DECISION RULES.....	8
5.3. MEASUREMENT UNCERTAINTY.....	8
5.4. SAMPLE CALCULATION.....	9
6. EQUIPMENT UNDER TEST	10
6.1. DESCRIPTION OF EUT.....	10
6.2. MAXIMUM OUTPUT POWER.....	10
6.3. MODULATION	10
6.4. SOFTWARE AND FIRMWARE.....	10
7. DESCRIPTION OF TEST SETUP	11
8. TEST AND MEASUREMENT EQUIPMENT	15
9. APPLICABLE LIMITS AND TEST RESULTS	16
9.1. 99% BANDWIDTH	16
9.2. CESSATION TIME.....	22
STATE A.....	26
9.3. OPERATING BANDWIDTH	26
9.4. PEAK POWER AND MAXIMUM AVERAGE EMISSIONS.....	32
9.5. EMISSIONS BELOW 960 MHz	38
9.5.1. EMISSIONS, 9 kHz – 30 MHz	40
9.5.2. EMISSIONS, 30 - 960 MHz	43
9.6. AVERAGE EMISSIONS ABOVE 960 MHz	46
9.6.1. AVERAGE EMISSIONS, 0.96 – 5 GHz	50
9.6.2. AVERAGE EMISSIONS, 1.164 – 1.240 GHz	56
9.6.3. AVERAGE EMISSIONS, 1.559 – 1.610 GHz	59
9.6.4. AVERAGE EMISSIONS, 9 – 18 GHz	62
9.6.5. AVERAGE EMISSIONS, 18 – 26.5 GHz	65
9.6.6. AVERAGE EMISSIONS, 26.5 – 40 GHz	68
STATE B.....	71
9.7. OPERATING BANDWIDTH	71
9.8. PEAK POWER AND MAXIMUM AVERAGE EMISSIONS.....	77

9.9.	<i>EMISSIONS BELOW 960 MHz</i>	83
9.9.1.	<i>EMISSIONS, 9 kHz – 30 MHz</i>	85
9.9.2.	<i>EMISSIONS, 30 - 960 MHz</i>	88
9.10.	<i>AVERAGE EMISSIONS ABOVE 960 MHz</i>	91
9.10.1.	<i>AVERAGE EMISSIONS, 0.96 – 5 GHz</i>	95
9.10.2.	<i>AVERAGE EMISSIONS, 1.164 – 1.240 GHz</i>	101
9.10.3.	<i>AVERAGE EMISSIONS, 1.559 – 1.610 GHz</i>	104
9.10.4.	<i>AVERAGE EMISSIONS, 9 – 18 GHz</i>	107
9.10.5.	<i>AVERAGE EMISSIONS, 18 – 26.5 GHz</i>	110
9.10.6.	<i>AVERAGE EMISSIONS, 26.5 – 40 GHz</i>	113
10.	AC POWER-LINE CONDUCTED EMISSIONS	116
10.1.	<i>AC Power Line With Laptop</i>	117
10.2.	<i>AC Power Line With AC/DC Adapter</i>	119
11.	SETUP PHOTOS	121
12.	SPOT CHECK EVALUATION	121
12.1.	<i>MODEL DIFFERENCES</i>	121
12.2.	<i>SPOT CHECK VERIFICATION RESULTS SUMMARY FOR A3719</i>	122
12.3.	<i>SPOT CHECK VERIFICATION RESULTS SUMMARY FOR A3720</i>	122
12.4.	<i>SPOT CHECK VERIFICATION RESULTS SUMMARY FOR A3721</i>	122

1. ATTESTATION OF TEST RESULTS

Applicant Name and Address	APPLE INC. 1 APPLE PARK WAY CUPERTINO, CA 95014, U.S.A.
Model	A3447 (Parent) A3719, A3720, A3721 (Variants)
Brand	APPLE
FCC ID	BCG-E9188A (Parent) BCG-E9198A, BCG-E9203A, BCG-E9204A (Variants)
IC	579C-E9188A (Parent) 579C-E9198A, 579C-E9203A, 579C-E9204A (Variants)
EUT Description	SMARTPHONE
SERIAL NUMBER	RVWGVQRP4, XK3Y27V221, LK7YPYTXF7, D1620034QF
SAMPLE RECEIPT DATE	JUNE 04, 2026
DATE TESTED	JUNE 04, 2026 TO JULY 24, 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
- 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

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) and Mobile Satellite Service (MSS) technologies. The rechargeable battery is not user accessible.

The EUT is considered a “Foldable Smartphone” and can be operated in two unique operating states – phone “fully closed” (State A) and phone “fully open” (State B). The test results of both operating states are reported.

The EUT has a UWB transceiver with two integral antennas (ANT1 = ANT8, ANT2 = ANT6). 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:

State A:

ANT	CH	CONFIG	PL	Average Power (dBm EIRP)
1	9	103	25	-42.32
2	5	80B	0	-42.30
2	9	705	0	-42.30

State B:

ANT	CH	CONFIG	PL	Average Power (dBm EIRP)
1	9	103	25	-42.30
2	5	0	25	-42.31
2	9	6	125	-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	A2305	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

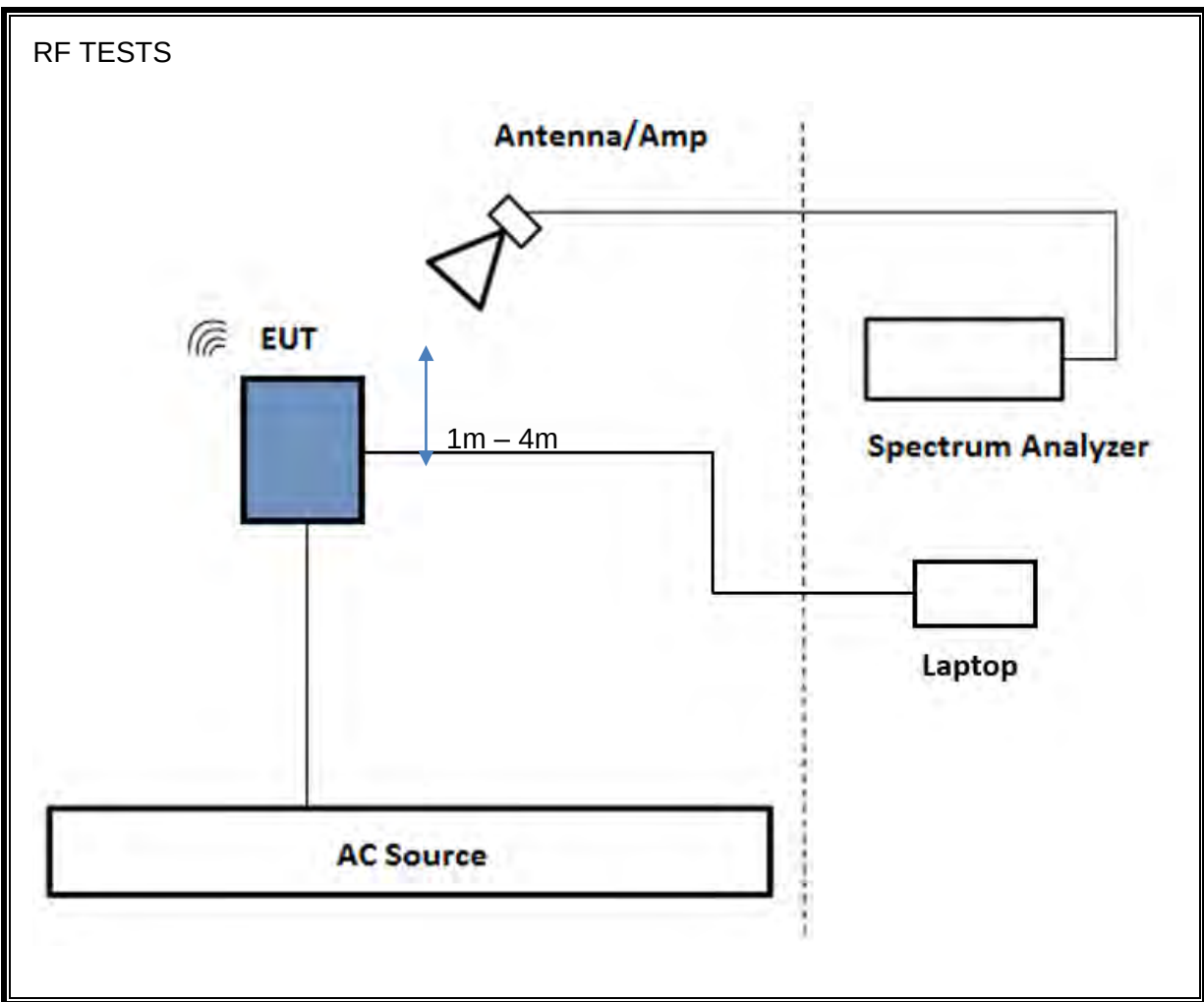
TEST SETUP

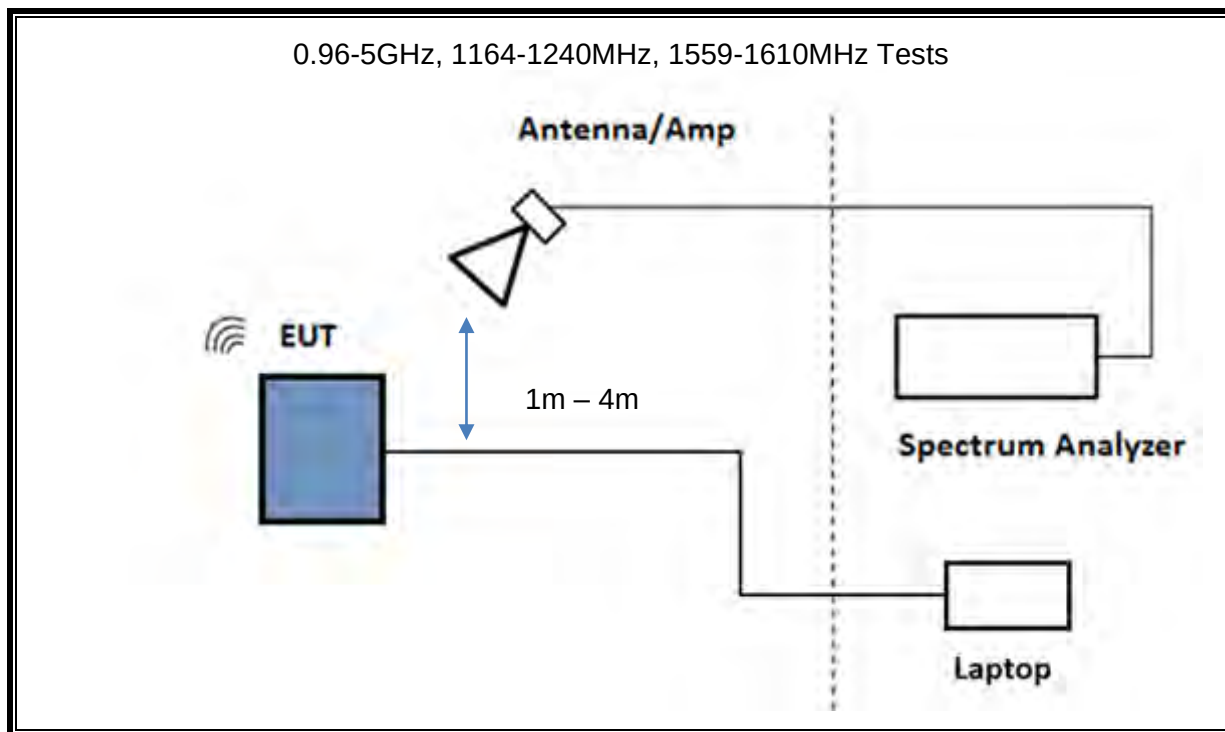
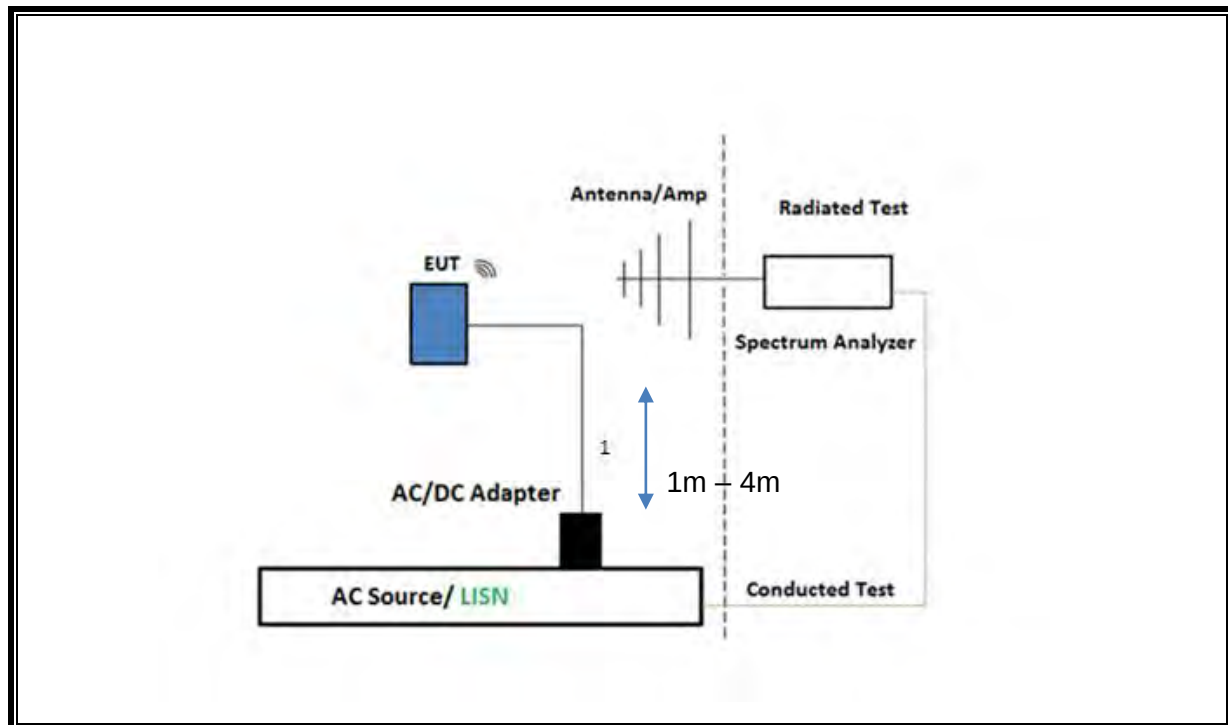
The EUT was examined at pre-scan test using a fundamental frequency in the portrait (z), landscape (y), and flatbed (x) position and the worst-case orientation of individual ANT/CH/CONFIG setting was determined for final spurious emission measurement. All selected configs are used for the Ant/Ch settings 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.

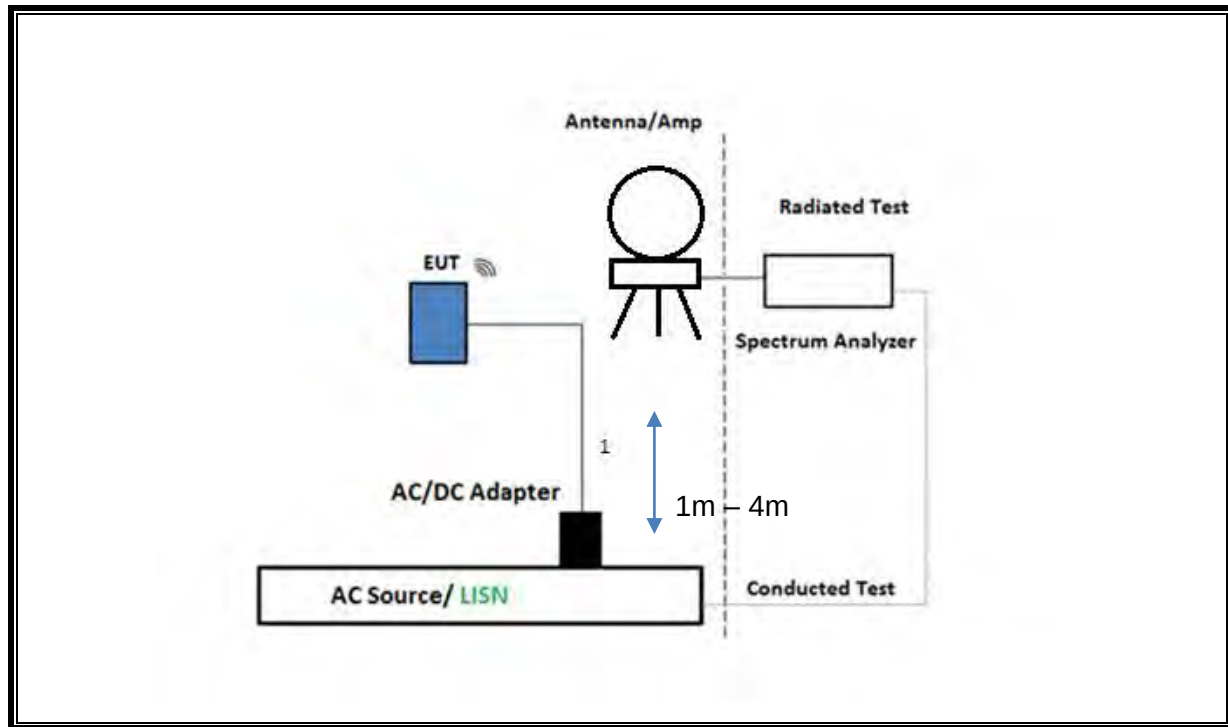
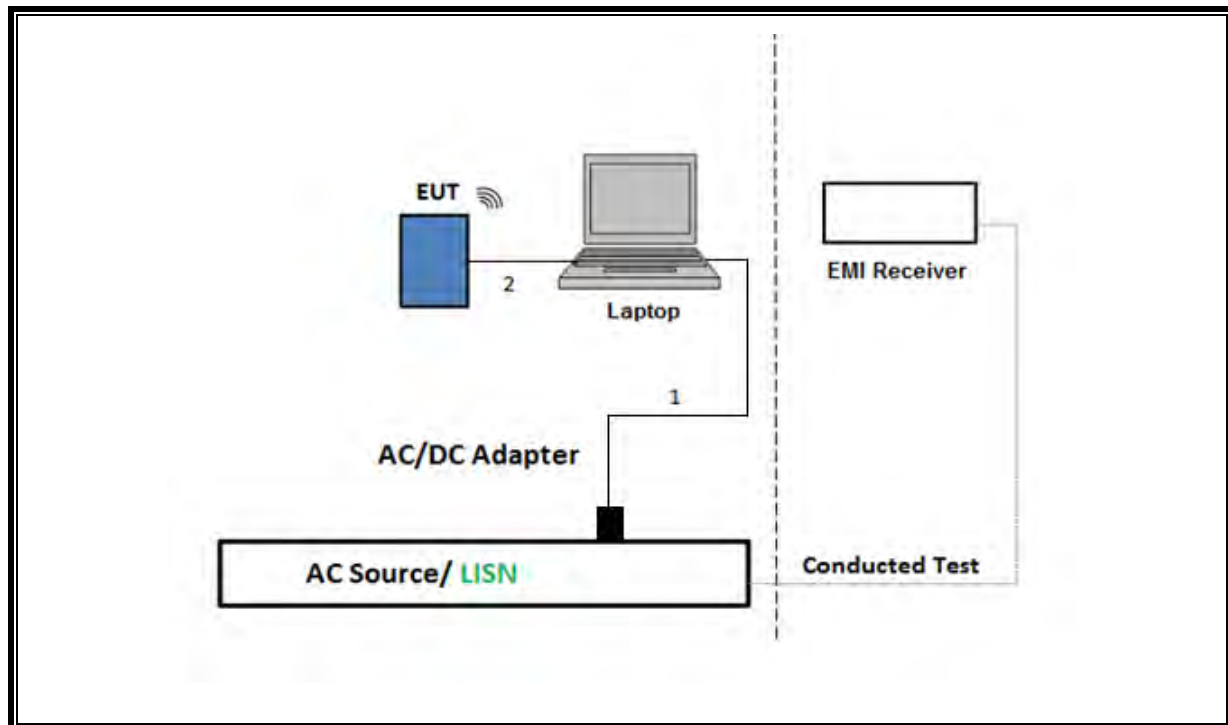
Measurements of spurious average emissions were made with the device operating at a higher power than production power to ensure compliance. Measurements of the in-band signal (peak and average emissions, 10 dBc bandwidth, 99% bandwidth) were all made at the production power settings.

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	81139	2027-10-31
Link File, RF Amplifier Assembly, 18-26.5GHz, 60dB Gain	Ampical	AMP18G26.5-60	220193	*2026-04-29
Antenna, Horn 26.5-40GHz	A.R.A	MWH-2640/B	81105	2027-10-31
Link File, RF Amplifier Assembly, 26.5-40GHz, 65dB Gain	Ampical	AMP26G40-65	220193	*2026-04-29
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, 2023.2.16	
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: 32440, 111533

Location: 05-RDE-B

Test Date: 6/04/26 – 6/24/26

ANT1, CH9

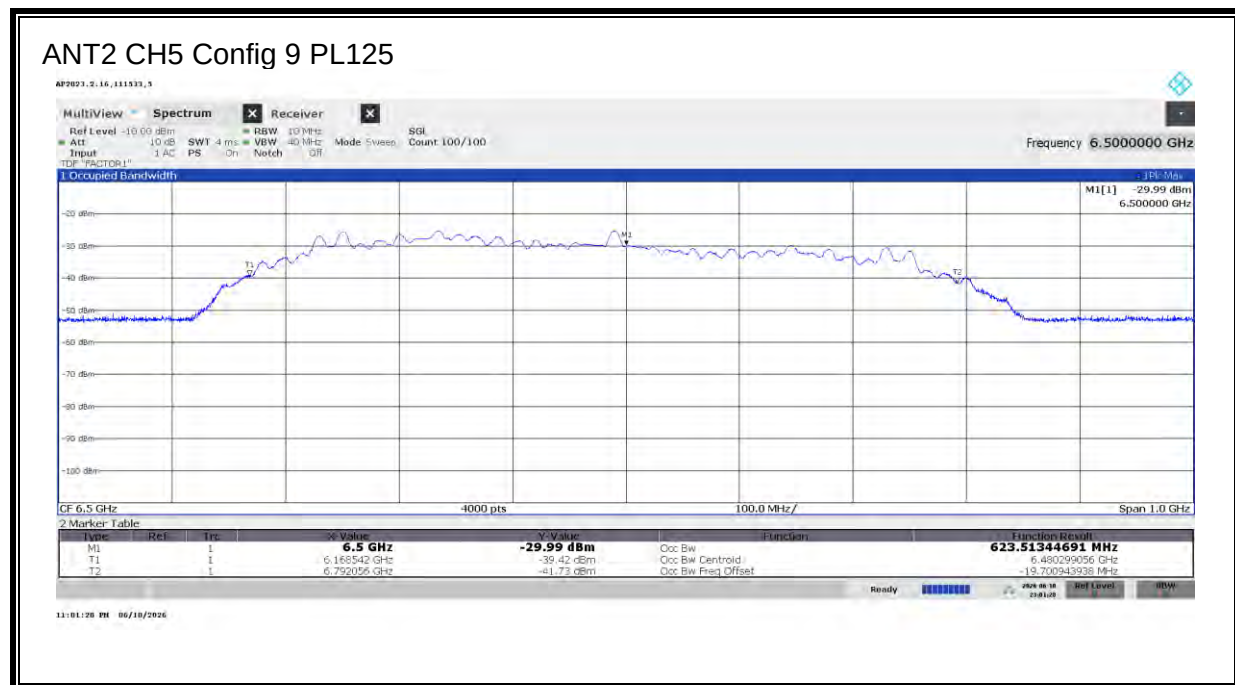
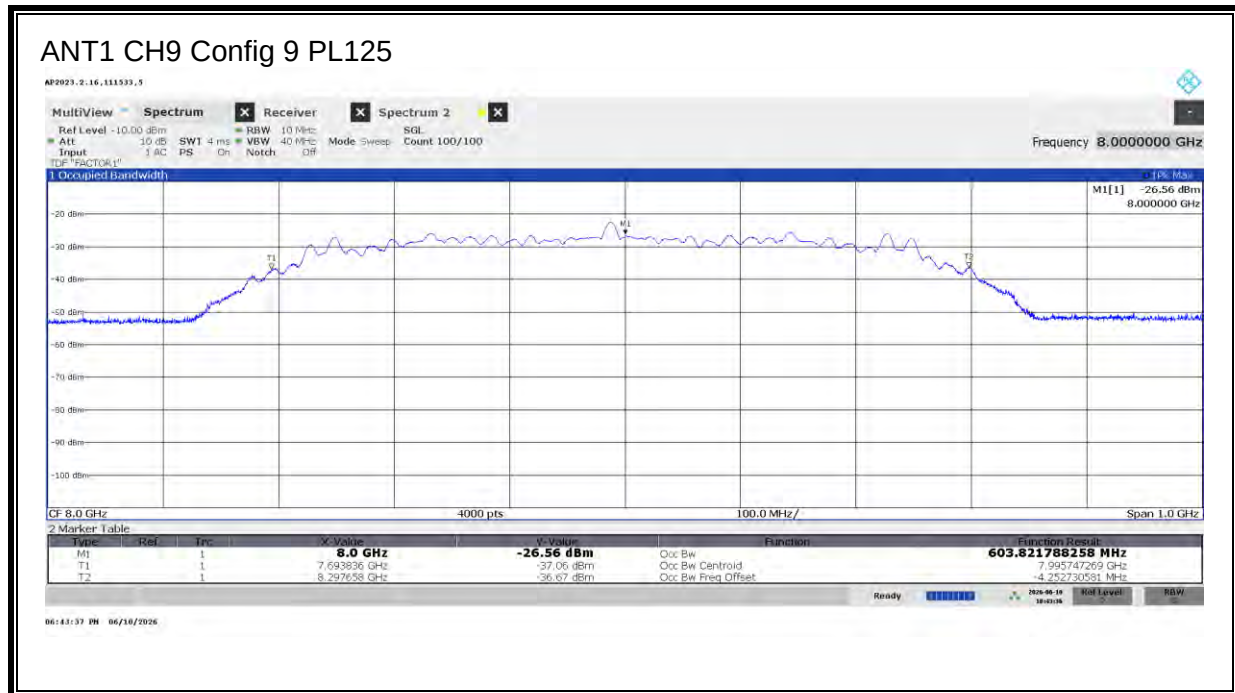
ANT	CH	CF	PL	EUT Orientation	Ant. Polarity	99% BW (MHz)
1	9	0	25	Portrait Cam Down	H	586.1106
1	9	1	45	Portrait Cam Down	H	585.3255
1	9	6	125	Portrait Cam Down	H	602.1551636
1	9	7	65	Portrait Cam Down	H	593.012506
1	9	9	65	Portrait Cam Down	H	601.1714537
1	9	9	125	Portrait Cam Down	H	603.8217883
1	9	10	25	Portrait Cam Down	H	592.2581447
1	9	11	25	Portrait Cam Down	H	592.6126125
1	9	11	65	Portrait Cam Down	H	592.9793757
1	9	16	65	Portrait Cam Down	H	585.453446
1	9	101	25	Portrait Cam Down	H	573.7011436
1	9	101	65	Portrait Cam Down	H	574.0105843
1	9	102	25	Portrait Cam Down	H	574.1556755
1	9	102	65	Portrait Cam Down	H	573.7664378
1	9	103	25	Portrait Cam Down	H	574.2546909
1	9	103	125	Portrait Cam Down	H	580.9277106
1	9	201	65	Portrait Cam Down	H	592.1978
1	9	202	625	Portrait Cam Down	H	816.9603002
1	9	402	445	Portrait Cam Down	H	752.9073295
1	9	501	0	Portrait Cam Down	H	584.3336133
1	9	503	0	Portrait Cam Down	H	587.5557654
1	9	601	0	Portrait Cam Down	H	583.4645
1	9	603	0	Portrait Cam Down	H	580.6727443
1	9	605	0	Portrait Cam Down	H	579.8926391
1	9	607	0	Portrait Cam Down	H	578.7317971
1	9	701	0	Portrait Cam Down	H	584.2485214
1	9	702	0	Portrait Cam Down	H	573.0991187
1	9	703	0	Portrait Cam Down	H	578.9899158
1	9	704	0	Portrait Cam Down	H	606.3244991
1	9	705	0	Portrait Cam Down	H	593.2786959
1	9	706	0	Portrait Cam Down	H	596.3991808
1	9	405	4093	Portrait Cam Down	H	770.241388
1	9	407	4093	Portrait Cam Down	H	726.8256304
1	9	409	4093	Portrait Cam Down	H	768.1406774
1	9	801	0Gap0	Portrait Cam Down	H	581.4171771
1	9	801	0Gap64	Portrait Cam Down	H	582.9961967
1	9	802	0	Portrait Cam Down	H	581.5166503
1	9	803	0	Portrait Cam Down	H	579.8546915
1	9	804	0Gap0	Portrait Cam Down	H	602.2969679
1	9	804	0Gap64	Portrait Cam Down	H	602.1248346
1	9	805	0	Portrait Cam Down	H	606.5724385
1	9	806	0	Portrait Cam Down	H	591.8578942
1	9	807	0Gap0	Portrait Cam Down	H	582.0279663
1	9	807	0Gap64	Portrait Cam Down	H	577.5327014
1	9	808	0	Portrait Cam Down	H	576.8766394
1	9	809	0	Portrait Cam Down	H	598.7627483
1	9	80A	0Gap0	Portrait Cam Down	H	617.4411404
1	9	80A	0Gap64	Portrait Cam Down	H	607.6735739
1	9	80B	0	Portrait Cam Down	H	613.9144381
1	9	80C	0	Portrait Cam Down	H	608.2074

ANT2, CH5

ANT	CH	CF	PL	EUT Orientation	Ant. Polarity	99% BW (MHz)
2	5	0	25	Landscape Cam Down	H	604.385216
2	5	1	45	Landscape Cam Down	H	604.3957345
2	5	6	125	Landscape Cam Down	H	618.2334626
2	5	7	65	Landscape Cam Down	H	613.4656652
2	5	9	65	Landscape Cam Down	H	619.8936412
2	5	9	125	Landscape Cam Down	H	623.5134469
2	5	10	25	Landscape Cam Down	H	609.366196
2	5	11	25	Landscape Cam Down	H	607.1162449
2	5	11	65	Landscape Cam Down	H	619.3922731
2	5	16	65	Landscape Cam Down	H	635.2806737
2	5	101	25	Landscape Cam Down	H	617.1723156
2	5	101	65	Landscape Cam Down	H	618.8016116
2	5	102	25	Landscape Cam Down	H	617.550307
2	5	102	65	Landscape Cam Down	H	611.9191249
2	5	103	25	Landscape Cam Down	H	618.115444
2	5	103	125	Landscape Cam Down	H	622.4022
2	5	201	65	Landscape Cam Down	H	615.6823632
2	5	202	625	Landscape Cam Down	H	720.7400626
2	5	402	445	Landscape Cam Down	H	669.3346117
2	5	501	0	Landscape Cam Down	H	595.9831172
2	5	503	0	Landscape Cam Down	H	595.7911396
2	5	601	0	Landscape Cam Down	H	613.8134687
2	5	603	0	Landscape Cam Down	H	613.8001863
2	5	605	0	Landscape Cam Down	H	613.6001815
2	5	607	0	Landscape Cam Down	H	612.4409272
2	5	701	0	Landscape Cam Down	H	597.3540795
2	5	702	0	Landscape Cam Down	H	599.7331073
2	5	703	0	Landscape Cam Down	H	597.1322986
2	5	704	0	Landscape Cam Down	H	632.8476811
2	5	705	0	Landscape Cam Down	H	627.2551217
2	5	706	0	Landscape Cam Down	H	630.2852831
2	5	405	4093	Landscape Cam Down	H	688.9676055
2	5	407	4093	Landscape Cam Down	H	675.8847268
2	5	409	4093	Landscape Cam Down	H	700.488634
2	5	801	0Gap0	Landscape Cam Down	H	619.0659569
2	5	801	0Gap64	Landscape Cam Down	H	619.1950621
2	5	802	0	Landscape Cam Down	H	620.4488475
2	5	803	0	Landscape Cam Down	H	619.485634
2	5	804	0Gap0	Landscape Cam Down	H	626.7215232
2	5	804	0Gap64	Landscape Cam Down	H	627.5809875
2	5	805	0	Landscape Cam Down	H	626.9448207
2	5	806	0	Landscape Cam Down	H	623.3949378
2	5	807	0Gap0	Landscape Cam Down	H	620.3447346
2	5	807	0Gap64	Landscape Cam Down	H	620.0708734
2	5	808	0	Landscape Cam Down	H	650.7555746
2	5	809	0	Landscape Cam Down	H	620.3643005
2	5	80A	0Gap0	Landscape Cam Down	H	625.4887517
2	5	80A	0Gap64	Landscape Cam Down	H	624.846328
2	5	80B	0	Landscape Cam Down	H	624.1752719
2	5	80C	0	Landscape Cam Down	H	624.8156589

ANT2, CH9

ANT	CH	CF	PL	EUT Orientation	Ant. Polarity	99% BW (MHz)
2	9	0	25	Landscape Cam Down	V	592.5745381
2	9	1	45	Landscape Cam Down	V	593.7253165
2	9	6	125	Landscape Cam Down	V	602.9746555
2	9	7	65	Landscape Cam Down	V	594.1001192
2	9	9	65	Landscape Cam Down	V	601.7164842
2	9	9	125	Landscape Cam Down	V	605.930332
2	9	10	25	Landscape Cam Down	V	593.2655251
2	9	11	25	Landscape Cam Down	V	593.7958296
2	9	11	65	Landscape Cam Down	V	593.4460356
2	9	16	65	Landscape Cam Down	V	600.6929454
2	9	101	25	Landscape Cam Down	V	593.3746227
2	9	101	65	Landscape Cam Down	V	595.0755698
2	9	102	25	Landscape Cam Down	V	594.5203225
2	9	102	65	Landscape Cam Down	V	594.1107216
2	9	103	25	Landscape Cam Down	V	593.7425526
2	9	103	125	Landscape Cam Down	V	596.3433356
2	9	201	65	Landscape Cam Down	V	606.7228466
2	9	202	625	Landscape Cam Down	V	801.5180751
2	9	402	445	Landscape Cam Down	V	733.9327658
2	9	501	0	Landscape Cam Down	V	607.1337411
2	9	503	0	Landscape Cam Down	V	599.1684724
2	9	601	0	Landscape Cam Down	V	599.2407037
2	9	603	0	Landscape Cam Down	V	597.1738084
2	9	605	0	Landscape Cam Down	V	599.6986256
2	9	607	0	Landscape Cam Down	V	596.6331738
2	9	701	0	Landscape Cam Down	V	590.4309777
2	9	702	0	Landscape Cam Down	V	586.2293556
2	9	703	0	Landscape Cam Down	V	589.875583
2	9	704	0	Landscape Cam Down	V	610.9408047
2	9	705	0	Landscape Cam Down	V	597.9071878
2	9	706	0	Landscape Cam Down	V	601.2117632
2	9	405	4093	Landscape Cam Down	V	733.3456929
2	9	407	4093	Landscape Cam Down	V	716.1003668
2	9	409	4093	Landscape Cam Down	V	735.8008412
2	9	801	0Gap0	Landscape Cam Down	V	593.752293
2	9	801	0Gap64	Landscape Cam Down	V	591.231591
2	9	802	0	Landscape Cam Down	V	592.2382437
2	9	803	0	Landscape Cam Down	V	590.25762
2	9	804	0Gap0	Landscape Cam Down	V	606.8232009
2	9	804	0Gap64	Landscape Cam Down	V	605.5849601
2	9	805	0	Landscape Cam Down	V	604.956329
2	9	806	0	Landscape Cam Down	V	598.7196726
2	9	807	0Gap0	Landscape Cam Down	V	591.5207
2	9	807	0Gap64	Landscape Cam Down	V	589.3848696
2	9	808	0	Landscape Cam Down	V	604.037602
2	9	809	0	Landscape Cam Down	V	604.0099022
2	9	80A	0Gap0	Landscape Cam Down	V	608.3635734
2	9	80A	0Gap64	Landscape Cam Down	V	603.3175482
2	9	80B	0	Landscape Cam Down	V	605.0144197
2	9	80C	0	Landscape Cam Down	V	605.3620944

99% BW

ANT2 CH9 Config 9 PL125



9.2. 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

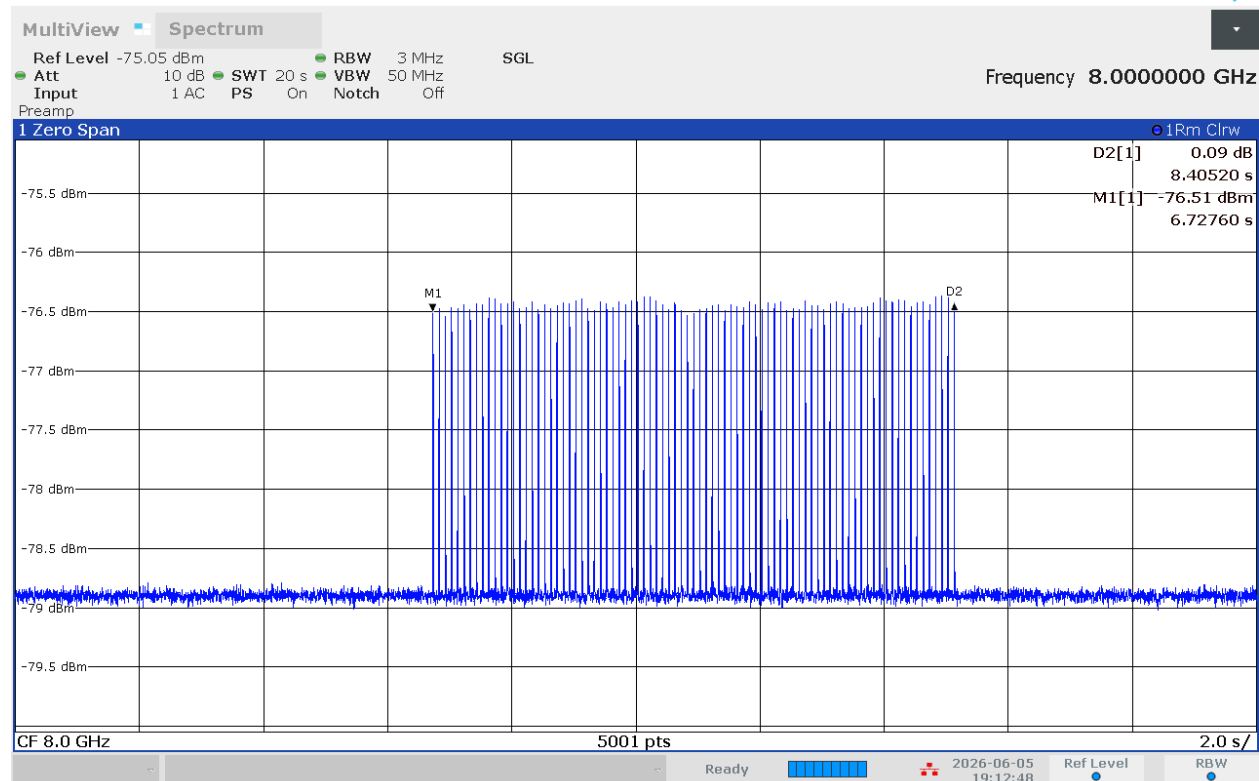
Employee ID: 27927, 110599
 Location: Chamber 05-RDE-A
 Test Date: 6/5/2026

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-



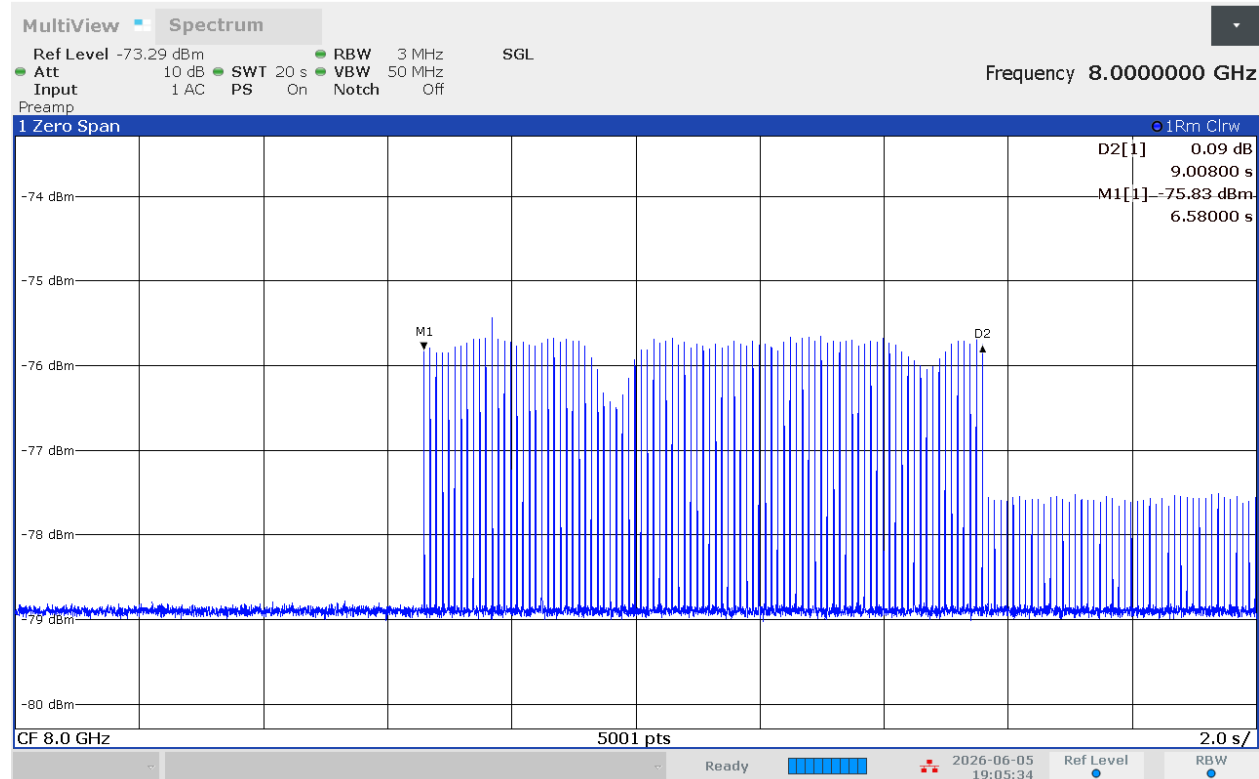
07:12:48 PM 06/05/2026

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-



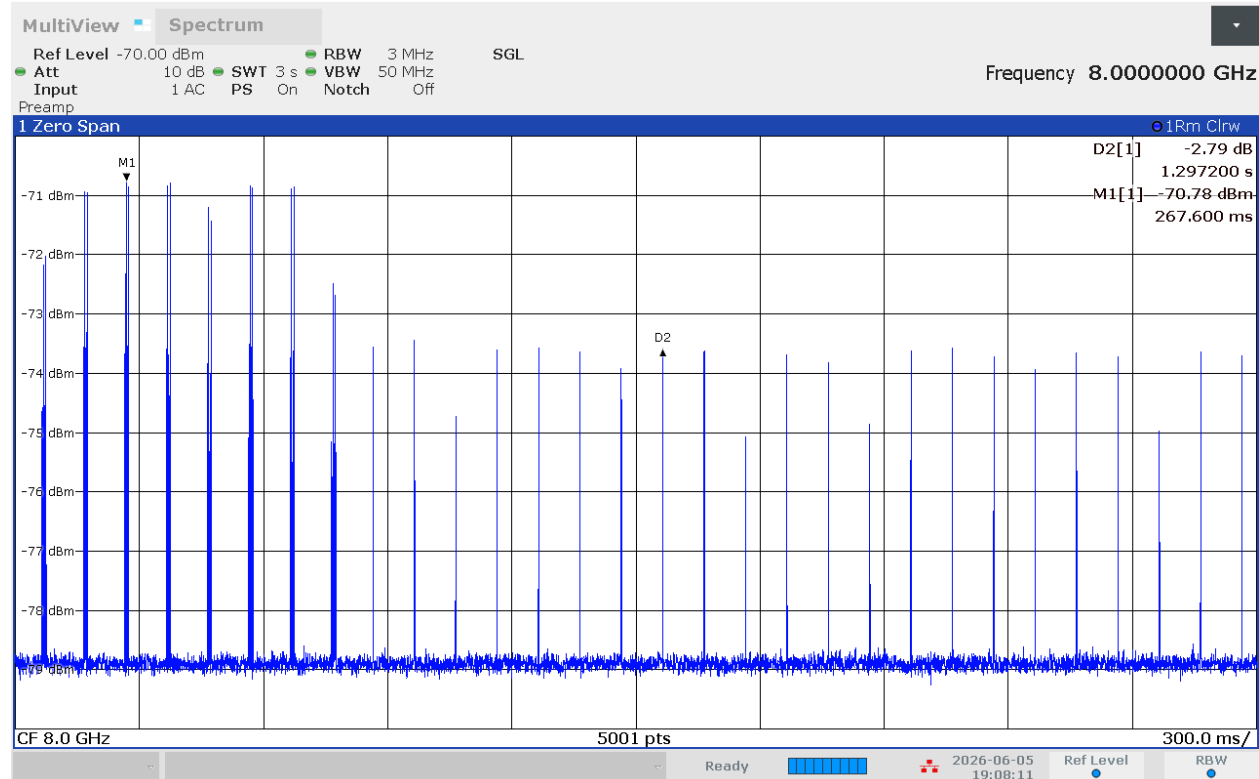
07:05:34 PM 06/05/2026

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-



07:08:12 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

STATE A**9.3. 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: 32440, 111533

Location: 05-RDE-B

Test Date: 6/04/26 – 6/24/26

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	Portrait Cam Down	H	7.7483	7.7242	8.2498	7.9870	525.631	500	25.631	P
1	9	1	45	Portrait Cam Down	H	7.7483	7.7242	8.2498	7.9870	525.631	500	25.631	P
1	9	6	125	Portrait Cam Down	H	7.7483	7.7252	8.2488	7.9870	523.631	500	23.631	P
1	9	7	65	Portrait Cam Down	H	8.2263	7.7252	8.2493	7.9872	524.131	500	24.131	P
1	9	9	65	Portrait Cam Down	H	8.2263	7.7257	8.2488	7.9872	523.131	500	23.131	P
1	9	9	125	Portrait Cam Down	H	8.2263	7.7257	8.2488	7.9872	523.131	500	23.131	P
1	9	10	25	Portrait Cam Down	H	8.2268	7.7242	8.2503	7.9872	526.132	500	26.132	P
1	9	11	25	Portrait Cam Down	H	8.2263	7.7242	8.2503	7.9872	526.132	500	26.132	P
1	9	11	65	Portrait Cam Down	H	8.2263	7.7242	8.2503	7.9872	526.132	500	26.132	P
1	9	16	65	Portrait Cam Down	H	8.2263	7.7257	8.2488	7.9872	523.131	500	23.131	P
1	9	101	25	Portrait Cam Down	H	8.2263	7.7247	8.2503	7.9875	525.631	500	25.631	P
1	9	101	65	Portrait Cam Down	H	8.2263	7.7247	8.2503	7.9875	525.631	500	25.631	P
1	9	102	25	Portrait Cam Down	H	8.2263	7.7247	8.2503	7.9875	525.631	500	25.631	P
1	9	102	65	Portrait Cam Down	H	8.2263	7.7247	8.2503	7.9875	525.631	500	25.631	P
1	9	103	25	Portrait Cam Down	H	8.2263	7.7247	8.2503	7.9875	525.631	500	25.631	P
1	9	103	125	Portrait Cam Down	H	8.2263	7.7247	8.2503	7.9875	525.625	500	25.625	P
1	9	201	65	Portrait Cam Down	H	8.2268	7.7247	8.2503	7.9875	525.631	500	25.631	P
1	9	202	625	Portrait Cam Down	H	8.2268	7.7247	8.2503	7.9875	525.631	500	25.631	P
1	9	402	445	Portrait Cam Down	H	8.2263	7.7247	8.2503	7.9875	525.631	500	25.631	P
1	9	501	0	Portrait Cam Down	H	8.2263	7.7242	8.2503	7.9872	526.132	500	26.132	P
1	9	503	0	Portrait Cam Down	H	8.2268	7.7242	8.2503	7.9872	526.132	500	26.132	P
1	9	601	0	Portrait Cam Down	H	8.2263	7.7247	8.2503	7.9875	525.631	500	25.631	P
1	9	603	0	Portrait Cam Down	H	8.2263	7.7242	8.2503	7.9872	526.132	500	26.132	P
1	9	605	0	Portrait Cam Down	H	8.2268	7.7242	8.2503	7.9872	526.132	500	26.132	P
1	9	607	0	Portrait Cam Down	H	8.2263	7.7247	8.2503	7.9875	525.631	500	25.631	P
1	9	701	0	Portrait Cam Down	H	8.2263	7.7237	8.2513	7.9875	527.632	500	27.632	P
1	9	702	0	Portrait Cam Down	H	7.7488	7.7232	8.2508	7.9870	527.632	500	27.632	P
1	9	703	0	Portrait Cam Down	H	7.7488	7.7232	8.2508	7.9870	527.632	500	27.632	P
1	9	704	0	Portrait Cam Down	H	7.7483	7.7232	8.2508	7.9870	527.632	500	27.632	P
1	9	705	0	Portrait Cam Down	H	7.7483	7.7217	8.2508	7.9862	529.132	500	29.132	P
1	9	706	0	Portrait Cam Down	H	7.7495	7.7232	8.2508	7.9870	527.632	500	27.632	P
1	9	405	4093	Portrait Cam Down	H	7.7483	7.7182	8.2533	7.9857	535.134	500	35.134	P
1	9	407	4093	Portrait Cam Down	H	7.9558	7.7252	8.2503	7.9877	525.131	500	25.131	P
1	9	409	4093	Portrait Cam Down	H	8.2263	7.7247	8.2498	7.9872	525.131	500	25.131	P
1	9	801	0Gap0	Portrait Cam Down	H	7.9418	7.7237	8.2548	7.9892	531.133	500	31.133	P
1	9	801	0Gap64	Portrait Cam Down	H	8.2263	7.7232	8.2588	7.9910	535.634	500	35.634	P
1	9	802	0	Portrait Cam Down	H	8.2258	7.7232	8.2588	7.9910	535.634	500	35.634	P
1	9	803	0	Portrait Cam Down	H	8.2263	7.7232	8.2588	7.9910	535.634	500	35.634	P
1	9	804	0Gap0	Portrait Cam Down	H	7.9418	7.7237	8.2573	7.9905	533.633	500	33.633	P
1	9	804	0Gap64	Portrait Cam Down	H	8.2263	7.7232	8.2588	7.9910	535.634	500	35.634	P
1	9	805	0	Portrait Cam Down	H	8.2258	7.7232	8.2588	7.9910	535.634	500	35.634	P
1	9	806	0	Portrait Cam Down	H	8.2258	7.7232	8.2603	7.9917	537.134	500	37.134	P
1	9	807	0Gap0	Portrait Cam Down	H	7.9418	7.7237	8.2543	7.9890	530.633	500	30.633	P
1	9	807	0Gap64	Portrait Cam Down	H	7.9418	7.7237	8.2548	7.9892	531.133	500	31.133	P
1	9	808	0	Portrait Cam Down	H	8.2263	7.7237	8.2593	7.9915	535.634	500	35.634	P
1	9	809	0	Portrait Cam Down	H	7.9078	7.7237	8.2508	7.9872	527.132	500	27.132	P
1	9	80A	0Gap0	Portrait Cam Down	H	7.9078	7.7237	8.2508	7.9872	527.132	500	27.132	P
1	9	80A	0Gap64	Portrait Cam Down	H	7.9078	7.7237	8.2503	7.9870	526.632	500	26.632	P
1	9	80B	0	Portrait Cam Down	H	7.9248	7.7237	8.2508	7.9872	527.132	500	27.132	P
1	9	80C	0	Portrait Cam Down	H	7.9078	7.7237	8.2508	7.9872	527.132	500	27.132	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	Portrait Cam Up	H	6.2503	6.2262	6.7518	6.4890	525.631	500	25.631	P
2	5	1	45	Portrait Cam Up	H	6.2503	6.2262	6.7518	6.4890	525.631	500	25.631	P
2	5	6	125	Portrait Cam Up	H	6.2503	6.2277	6.7513	6.4895	523.631	500	23.631	P
2	5	7	65	Portrait Cam Up	H	6.2503	6.2277	6.7513	6.4895	523.631	500	23.631	P
2	5	9	65	Portrait Cam Up	H	6.2503	6.2282	6.7508	6.4895	522.631	500	22.631	P
2	5	9	125	Portrait Cam Up	H	6.2503	6.2282	6.7508	6.4895	522.631	500	22.631	P
2	5	10	25	Portrait Cam Up	H	6.2508	6.2262	6.7518	6.4890	525.631	500	25.631	P
2	5	11	25	Portrait Cam Up	H	6.2508	6.2262	6.7518	6.4890	525.631	500	25.631	P
2	5	11	65	Portrait Cam Up	H	6.2503	6.2262	6.7518	6.4890	525.631	500	25.631	P
2	5	16	65	Portrait Cam Up	H	6.2503	6.2282	6.7508	6.4895	522.631	500	22.631	P
2	5	101	25	Portrait Cam Up	H	6.2508	6.2262	6.7518	6.4890	525.631	500	25.631	P
2	5	101	65	Portrait Cam Up	H	6.2508	6.2267	6.7518	6.4892	525.131	500	25.131	P
2	5	102	25	Portrait Cam Up	H	6.2503	6.2267	6.7518	6.4892	525.131	500	25.131	P
2	5	102	65	Portrait Cam Up	H	6.2503	6.2262	6.7523	6.4892	526.132	500	26.132	P
2	5	103	25	Portrait Cam Up	H	6.2503	6.2262	6.7518	6.4890	525.631	500	25.631	P
2	5	103	125	Portrait Cam Up	H	6.2503	6.2262	6.7523	6.4892	526.132	500	26.132	P
2	5	201	65	Portrait Cam Up	H	6.2508	6.2267	6.7523	6.4895	525.631	500	25.631	P
2	5	202	625	Portrait Cam Up	H	6.2508	6.2267	6.7523	6.4895	525.631	500	25.631	P
2	5	402	445	Portrait Cam Up	H	6.2503	6.2267	6.7523	6.4895	525.631	500	25.631	P
2	5	501	0	Portrait Cam Up	H	6.2503	6.2267	6.7523	6.4895	525.631	500	25.631	P
2	5	503	0	Portrait Cam Up	H	6.2508	6.2267	6.7523	6.4895	525.631	500	25.631	P
2	5	601	0	Portrait Cam Up	H	6.2503	6.2262	6.7523	6.4892	526.132	500	26.132	P
2	5	603	0	Portrait Cam Up	H	6.2508	6.2267	6.7518	6.4892	525.131	500	25.131	P
2	5	605	0	Portrait Cam Up	H	6.2503	6.2267	6.7523	6.4895	525.631	500	25.631	P
2	5	607	0	Portrait Cam Up	H	6.2503	6.2267	6.7518	6.4892	525.131	500	25.131	P
2	5	701	0	Portrait Cam Up	H	6.2508	6.2252	6.7528	6.4890	527.632	500	27.632	P
2	5	702	0	Portrait Cam Up	H	6.2508	6.2252	6.7528	6.4890	527.632	500	27.632	P
2	5	703	0	Portrait Cam Up	H	6.2508	6.2252	6.7528	6.4890	527.632	500	27.632	P
2	5	704	0	Portrait Cam Up	H	6.2508	6.2167	6.7528	6.4847	536.134	500	36.134	P
2	5	705	0	Portrait Cam Up	H	6.2508	6.2152	6.7528	6.4840	537.634	500	37.634	P
2	5	706	0	Portrait Cam Up	H	6.2508	6.2052	6.7528	6.4790	547.637	500	47.637	P
2	5	405	4093	Portrait Cam Up	H	6.2503	6.2122	6.7518	6.4820	539.635	500	39.635	P
2	5	407	4093	Portrait Cam Up	H	6.2508	6.2027	6.7523	6.4775	549.637	500	49.637	P
2	5	409	4093	Portrait Cam Up	H	6.2503	6.2262	6.7513	6.4887	525.131	500	25.131	P
2	5	801	0Gap0	Portrait Cam Up	H	6.2508	6.1937	6.7528	6.4732	559.140	500	59.14	P
2	5	801	0Gap64	Portrait Cam Up	H	6.2508	6.2027	6.7528	6.4777	550.138	500	50.138	P
2	5	802	0	Portrait Cam Up	H	6.2508	6.2027	6.7528	6.4777	550.138	500	50.138	P
2	5	803	0	Portrait Cam Up	H	6.2508	6.2022	6.7528	6.4775	550.638	500	50.638	P
2	5	804	0Gap0	Portrait Cam Up	H	6.2508	6.1937	6.7528	6.4732	559.140	500	59.14	P
2	5	804	0Gap64	Portrait Cam Up	H	6.2508	6.2022	6.7528	6.4775	550.638	500	50.638	P
2	5	805	0	Portrait Cam Up	H	6.2508	6.2022	6.7528	6.4775	550.638	500	50.638	P
2	5	806	0	Portrait Cam Up	H	6.2508	6.2022	6.7528	6.4775	550.638	500	50.638	P
2	5	807	0Gap0	Portrait Cam Up	H	6.2508	6.1942	6.7533	6.4737	559.140	500	59.14	P
2	5	807	0Gap64	Portrait Cam Up	H	6.2508	6.1942	6.7533	6.4737	559.140	500	59.14	P
2	5	808	0	Portrait Cam Up	H	6.2508	6.1937	6.7533	6.4735	559.640	500	59.64	P
2	5	809	0	Portrait Cam Up	H	6.2508	6.1942	6.7533	6.4737	559.140	500	59.14	P
2	5	80A	0Gap0	Portrait Cam Up	H	6.2503	6.2012	6.7533	6.4772	552.138	500	52.138	P
2	5	80A	0Gap64	Portrait Cam Up	H	6.2508	6.1942	6.7533	6.4737	559.140	500	59.14	P
2	5	80B	0	Portrait Cam Up	H	6.2508	6.1942	6.7533	6.4737	559.140	500	59.14	P
2	5	80C	0	Portrait Cam Up	H	6.2508	6.1942	6.7533	6.4737	559.140	500	59.14	P

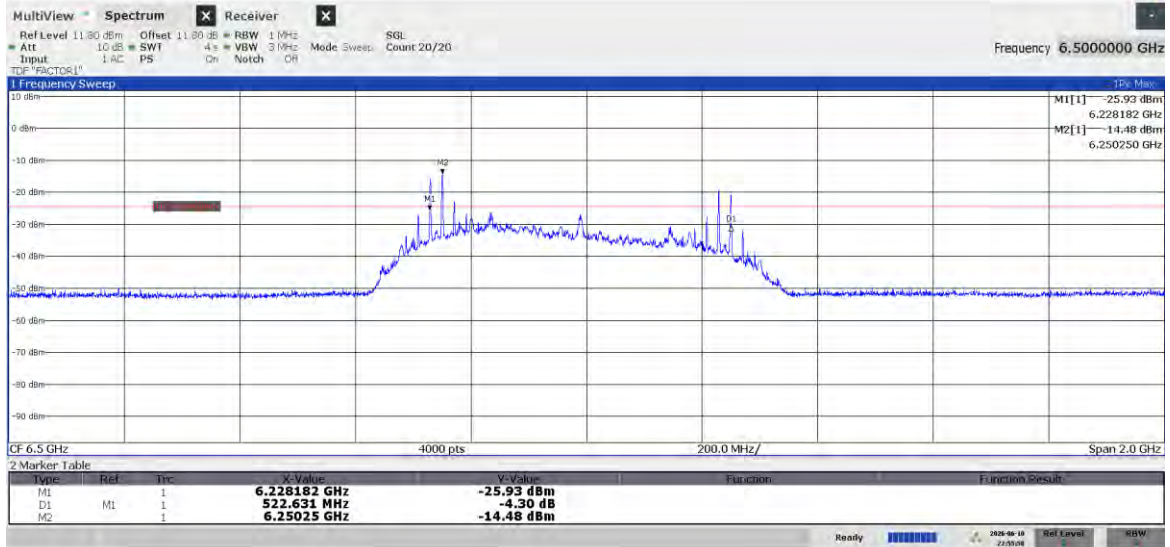
ANT2, CH9

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 Down	V	7.7478	7.7242	8.2503	7.9872	526.132	500	26.132	P
2	9	1	45	Landscape Cam Down	V	7.7483	7.7242	8.2473	7.9857	523.132	500	23.132	P
2	9	6	125	Landscape Cam Down	V	7.7483	7.7252	8.2493	7.9872	524.131	500	24.131	P
2	9	7	65	Landscape Cam Down	V	7.7483	7.7252	8.2493	7.9872	524.131	500	24.131	P
2	9	9	65	Landscape Cam Down	V	7.7483	7.7257	8.2488	7.9872	523.131	500	23.131	P
2	9	9	125	Landscape Cam Down	V	7.7478	7.7257	8.2488	7.9872	523.131	500	23.131	P
2	9	10	25	Landscape Cam Down	V	7.7483	7.7242	8.2503	7.9872	526.132	500	26.132	P
2	9	11	25	Landscape Cam Down	V	7.7483	7.7252	8.2513	7.9882	526.132	500	26.132	P
2	9	11	65	Landscape Cam Down	V	7.7483	7.7242	8.2503	7.9872	526.132	500	26.132	P
2	9	16	65	Landscape Cam Down	V	7.7483	7.7257	8.2488	7.9872	523.131	500	23.131	P
2	9	101	25	Landscape Cam Down	V	7.7483	7.7242	8.2503	7.9872	526.132	500	26.132	P
2	9	101	65	Landscape Cam Down	V	7.7483	7.7242	8.2503	7.9872	526.132	500	26.132	P
2	9	102	25	Landscape Cam Down	V	7.7483	7.7242	8.2503	7.9872	526.132	500	26.132	P
2	9	102	65	Landscape Cam Down	V	7.7483	7.7242	8.2503	7.9872	526.132	500	26.132	P
2	9	103	25	Landscape Cam Down	V	7.7478	7.7242	8.2503	7.9872	526.132	500	26.132	P
2	9	103	125	Landscape Cam Down	V	7.7478	7.7242	8.2503	7.9872	526.132	500	26.132	P
2	9	201	65	Landscape Cam Down	V	7.7483	7.7242	8.2503	7.9872	526.132	500	26.132	P
2	9	202	625	Landscape Cam Down	V	7.7478	7.7242	8.2503	7.9872	526.132	500	26.132	P
2	9	402	445	Landscape Cam Down	V	7.7483	7.7242	8.2503	7.9872	526.132	500	26.132	P
2	9	501	0	Landscape Cam Down	V	7.7483	7.7242	8.2503	7.9872	526.132	500	26.132	P
2	9	503	0	Landscape Cam Down	V	7.7478	7.7242	8.2503	7.9872	526.132	500	26.132	P
2	9	601	0	Landscape Cam Down	V	7.7483	7.7242	8.2503	7.9872	526.132	500	26.132	P
2	9	603	0	Landscape Cam Down	V	7.7478	7.7242	8.2503	7.9872	526.132	500	26.132	P
2	9	605	0	Landscape Cam Down	V	7.7483	7.7242	8.2503	7.9872	526.132	500	26.132	P
2	9	607	0	Landscape Cam Down	V	7.7483	7.7247	8.2503	7.9875	525.631	500	25.631	P
2	9	701	0	Landscape Cam Down	V	7.7483	7.7232	8.2513	7.9872	528.132	500	28.132	P
2	9	702	0	Landscape Cam Down	V	7.7483	7.7232	8.2513	7.9872	528.132	500	28.132	P
2	9	703	0	Landscape Cam Down	V	7.7488	7.7232	8.2513	7.9872	528.132	500	28.132	P
2	9	704	0	Landscape Cam Down	V	7.7488	7.7147	8.2658	7.9902	551.138	500	51.138	P
2	9	705	0	Landscape Cam Down	V	7.7488	7.7212	8.2613	7.9912	540.135	500	40.135	P
2	9	706	0	Landscape Cam Down	V	7.7488	7.7192	8.2718	7.9955	552.638	500	52.638	P
2	9	405	4093	Landscape Cam Down	V	7.7478	7.7177	8.2643	7.9910	546.637	500	46.637	P
2	9	407	4093	Landscape Cam Down	V	7.7478	7.7207	8.2658	7.9932	545.136	500	45.136	P
2	9	409	4093	Landscape Cam Down	V	7.7478	7.7242	8.2498	7.9870	525.631	500	25.631	P
2	9	801	0Gap0	Landscape Cam Down	V	7.7488	7.7072	8.2828	7.9950	575.644	500	75.644	P
2	9	801	0Gap64	Landscape Cam Down	V	7.7483	7.7137	8.2743	7.9940	560.640	500	60.64	P
2	9	802	0	Landscape Cam Down	V	7.7488	7.7137	8.2743	7.9940	560.640	500	60.64	P
2	9	803	0	Landscape Cam Down	V	7.7483	7.7137	8.2743	7.9940	560.640	500	60.64	P
2	9	804	0Gap0	Landscape Cam Down	V	7.9873	7.7087	8.2708	7.9897	562.141	500	62.141	P
2	9	804	0Gap64	Landscape Cam Down	V	7.7488	7.7032	8.2743	7.9887	571.143	500	71.143	P
2	9	805	0	Landscape Cam Down	V	7.7483	7.7057	8.2743	7.9900	568.642	500	68.642	P
2	9	806	0	Landscape Cam Down	V	7.7483	7.7057	8.2708	7.9882	565.141	500	65.141	P
2	9	807	0Gap0	Landscape Cam Down	V	7.7483	7.7077	8.2738	7.9907	566.142	500	66.142	P
2	9	807	0Gap64	Landscape Cam Down	V	7.7483	7.7047	8.2828	7.9937	578.145	500	78.145	P
2	9	808	0	Landscape Cam Down	V	7.7483	7.7232	8.2828	8.0030	559.640	500	59.64	P
2	9	809	0	Landscape Cam Down	V	7.7483	7.7157	8.2713	7.9935	555.639	500	55.639	P
2	9	80A	0Gap0	Landscape Cam Down	V	7.7483	7.7092	8.2828	7.9960	573.643	500	73.643	P
2	9	80A	0Gap64	Landscape Cam Down	V	7.7488	7.7187	8.2828	8.0008	564.141	500	64.141	P
2	9	80B	0	Landscape Cam Down	V	7.7483	7.7157	8.2738	7.9947	558.140	500	58.14	P
2	9	80C	0	Landscape Cam Down	V	7.7483	7.7172	8.2823	7.9997	565.141	500	65.141	P

WORST MINIMUM OPERATING BANDWIDTH

ANT2 CH5 Config 9 PL125

AP2023.2.16.111533.5



10:55:58 PM 06/18/2026

9.4. PEAK POWER AND MAXIMUM AVERAGE EMISSIONS**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

RSS-220

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

ANT1, CH9

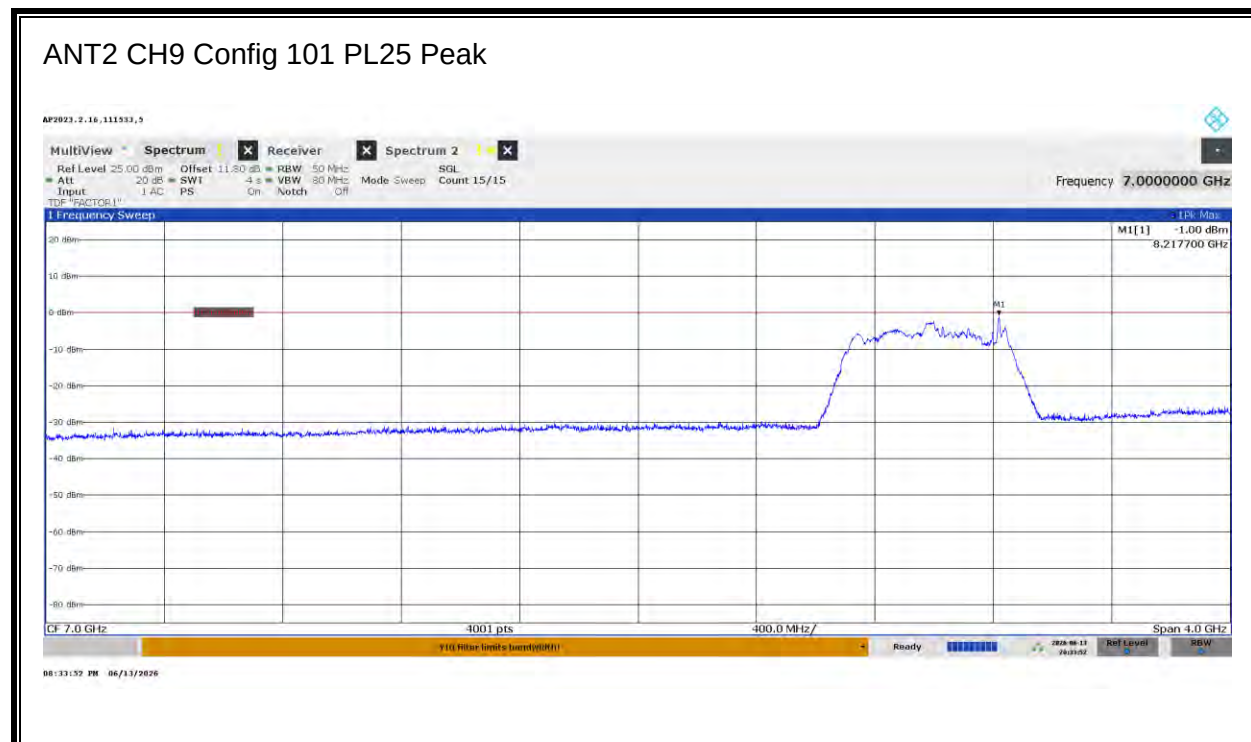
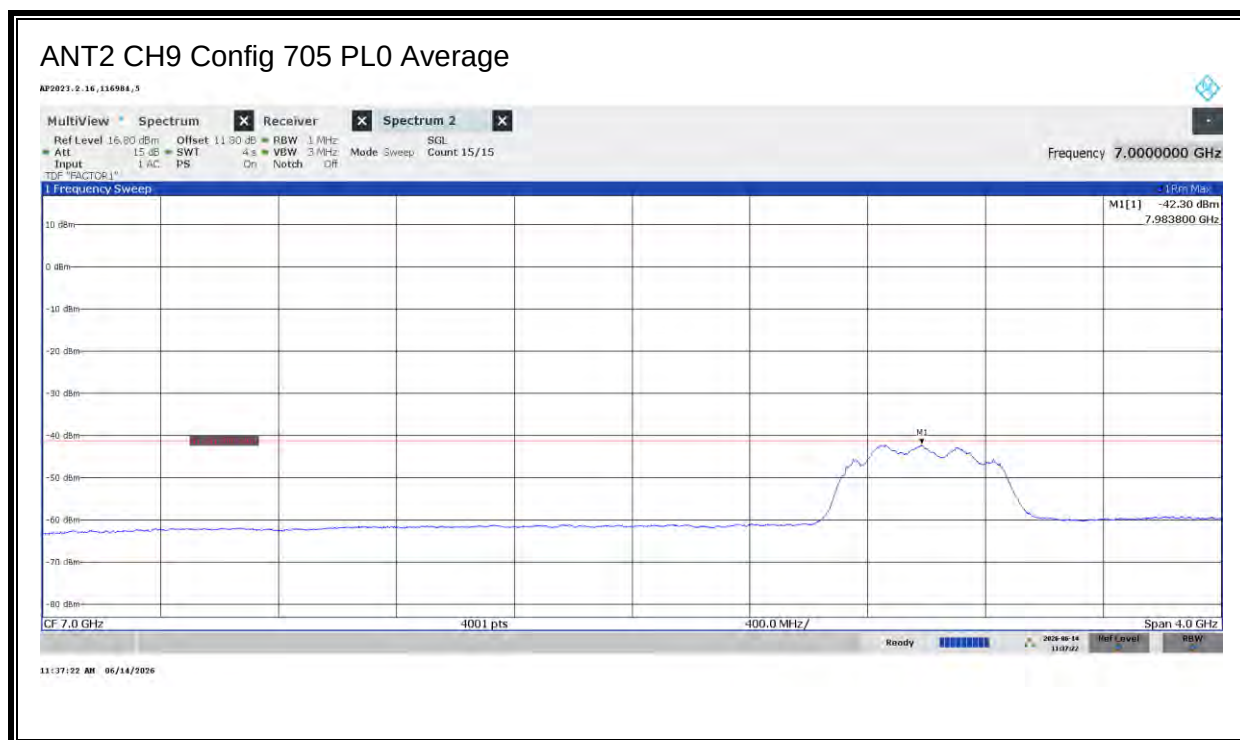
ANT	CH	CF	PL	EUT Orientation	Ant. Polarity	Max Pk	Peak EIRP Power				Max Av	Average EIRP Power			
							FM (GHz)	Adj Pk	Pk Limit	Margin (dB)		FM (GHz)	Adj Av	Avg Limit	Margin (dB)
1	9	0	25	Portrait Cam Down	H	4.63	8.0007	-2.53	0	-2.53	-36.00	7.9098	-42.32	-41.3	-1.02
1	9	1	45	Portrait Cam Down	H	4.69	8.0017	-1.41	0	-1.41	-35.84	7.9088	-42.54	-41.3	-1.24
1	9	6	125	Portrait Cam Down	H	7.63	7.9998	-5.60	0	-5.60	-29.45	7.9088	-42.44	-41.3	-1.14
1	9	7	65	Portrait Cam Down	H	9.72	8.2187	-1.84	0	-1.84	-30.99	8.0407	-42.37	-41.3	-1.07
1	9	9	65	Portrait Cam Down	H	10.00	8.2177	-4.41	0	-4.41	-28.19	8.0447	-42.46	-41.3	-1.16
1	9	9	125	Portrait Cam Down	H	9.99	8.2177	-5.55	0	-5.55	-26.89	8.0447	-42.45	-41.3	-1.15
1	9	10	25	Portrait Cam Down	H	9.52	8.2187	-1.45	0	-1.45	-33.34	8.0427	-44.32	-41.3	-3.02
1	9	11	25	Portrait Cam Down	H	9.23	8.2187	-1.33	0	-1.33	-35.33	8.0187	-45.91	-41.3	-4.61
1	9	11	65	Portrait Cam Down	H	7.16	8.2177	-1.11	0	-1.11	-35.98	8.0187	-44.24	-41.3	-2.94
1	9	16	65	Portrait Cam Down	H	4.74	7.9888	-5.89	0	-5.89	-32.10	7.9658	-42.66	-41.3	-1.36
1	9	101	25	Portrait Cam Down	H	3.39	8.2197	-1.11	0	-1.11	-39.71	7.9558	-43.54	-41.3	-2.24
1	9	101	65	Portrait Cam Down	H	3.12	8.2187	-1.39	0	-1.39	-37.57	7.9558	-42.45	-41.3	-1.15
1	9	102	25	Portrait Cam Down	H	3.20	8.2187	-1.04	0	-1.04	-39.36	7.9558	-43.40	-41.3	-2.10
1	9	102	65	Portrait Cam Down	H	2.93	8.2187	-1.42	0	-1.42	-37.44	7.9568	-42.48	-41.3	-1.18
1	9	103	25	Portrait Cam Down	H	3.09	7.9858	-1.81	0	-1.81	-37.56	7.9718	-42.32	-41.3	-1.02
1	9	103	125	Portrait Cam Down	H	3.05	8.2197	-4.23	0	-4.23	-35.27	7.9718	-42.69	-41.3	-1.39
1	9	201	65	Portrait Cam Down	H	4.85	8.2187	-3.61	0	-3.61	-34.57	7.9768	-42.60	-41.3	-1.30
1	9	202	625	Portrait Cam Down	H	4.43	8.2187	-10.22	0	-10.22	-27.58	7.9768	-42.62	-41.3	-1.32
1	9	402	445	Portrait Cam Down	H	4.41	8.2177	-9.08	0	-9.08	-29.10	7.9748	-42.58	-41.3	-1.28
1	9	501	0	Portrait Cam Down	H	6.68	8.2177	-1.08	0	-1.08	-37.51	7.9718	-45.43	-41.3	-4.13
1	9	503	0	Portrait Cam Down	H	6.83	8.2187	-1.17	0	-1.17	-37.58	7.9668	-45.83	-41.3	-4.53
1	9	601	0	Portrait Cam Down	H	3.89	8.2177	-1.48	0	-1.48	-37.79	7.9738	-42.93	-41.3	-1.63
1	9	603	0	Portrait Cam Down	H	3.47	8.2187	-1.19	0	-1.19	-37.85	7.9698	-42.52	-41.3	-1.22
1	9	605	0	Portrait Cam Down	H	3.56	8.2187	-1.24	0	-1.24	-40.38	7.9698	-44.99	-41.3	-3.69
1	9	607	0	Portrait Cam Down	H	3.35	8.2187	-1.18	0	-1.18	-40.36	7.9698	-44.72	-41.3	-3.42
1	9	701	0	Portrait Cam Down	H	3.66	8.2177	-1.03	0	-1.03	-38.41	7.9808	-43.07	-41.3	-1.77
1	9	702	0	Portrait Cam Down	H	0.54	8.2187	-2.27	0	-2.27	-39.75	7.9168	-42.49	-41.3	-1.19
1	9	703	0	Portrait Cam Down	H	0.11	8.2197	-2.75	0	-2.75	-40.11	7.9128	-42.80	-41.3	-1.50
1	9	704	0	Portrait Cam Down	H	-1.12	7.9998	-5.18	0	-5.18	-38.67	7.9208	-42.53	-41.3	-1.23
1	9	705	0	Portrait Cam Down	H	-1.52	7.9998	-2.75	0	-2.75	-41.23	7.9178	-42.56	-41.3	-1.26
1	9	706	0	Portrait Cam Down	H	-2.33	7.9998	-2.71	0	-2.71	-41.96	7.9168	-42.34	-41.3	-1.04
1	9	405	4093	Portrait Cam Down	H	1.02	8.0007	-12.76	0	-12.76	-28.79	7.9088	-42.39	-41.3	-1.09
1	9	407	4093	Portrait Cam Down	H	1.45	8.2177	-10.73	0	-10.73	-29.92	7.9668	-42.38	-41.3	-1.08
1	9	409	4093	Portrait Cam Down	H	3.54	8.2197	-12.25	0	-12.25	-26.68	7.9548	-42.70	-41.3	-1.40
1	9	801	0Gap0	Portrait Cam Down	H	0.25	8.2177	-2.81	0	-2.81	-39.84	7.9448	-42.66	-41.3	-1.36
1	9	801	0Gap64	Portrait Cam Down	H	0.01	8.2187	-2.85	0	-2.85	-39.95	7.9658	-42.59	-41.3	-1.29
1	9	802	0	Portrait Cam Down	H	0.79	8.2197	-2.64	0	-2.64	-39.14	7.9658	-42.57	-41.3	-1.27
1	9	803	0	Portrait Cam Down	H	0.78	8.2187	-1.55	0	-1.55	-40.33	7.9658	-42.41	-41.3	-1.11
1	9	804	0Gap0	Portrait Cam Down	H	-0.31	8.2177	-5.68	0	-5.68	-37.28	7.9448	-42.59	-41.3	-1.29
1	9	804	0Gap64	Portrait Cam Down	H	0.29	8.2177	-5.11	0	-5.11	-37.04	7.9658	-42.53	-41.3	-1.23
1	9	805	0	Portrait Cam Down	H	1.02	8.2177	-5.14	0	-5.14	-36.40	7.9658	-42.70	-41.3	-1.40
1	9	806	0	Portrait Cam Down	H	1.10	8.2187	-4.04	0	-4.04	-37.59	7.9658	-42.77	-41.3	-1.47
1	9	807	0Gap0	Portrait Cam Down	H	0.40	8.2187	-2.68	0	-2.68	-39.95	7.9448	-42.57	-41.3	-1.27
1	9	807	0Gap64	Portrait Cam Down	H	1.07	8.2177	-1.78	0	-1.78	-39.83	7.9578	-42.54	-41.3	-1.24
1	9	808	0	Portrait Cam Down	H	0.80	8.2187	-1.39	0	-1.39	-40.32	7.9578	-42.55	-41.3	-1.25
1	9	809	0	Portrait Cam Down	H	-2.01	8.2187	-2.75	0	-2.75	-41.40	7.8918	-42.52	-41.3	-1.22
1	9	80A	0Gap0	Portrait Cam Down	H	-2.50	8.2177	-7.61	0	-7.61	-37.98	7.9048	-42.76	-41.3	-1.46
1	9	80A	0Gap64	Portrait Cam Down	H	-1.74	8.2111	-5.85	0	-5.85	-38.39	8.0247	-42.46	-41.3	-1.16
1	9	80B	0	Portrait Cam Down	H	-1.77	8.2177	-5.86	0	-5.86	-38.48	8.0247	-42.54	-41.3	-1.24
1	9	80C	0	Portrait Cam Down	H	-1.55	8.2187	-5.43	0	-5.43	-38.74	7.908.8	-42.41	-41.3	-1.11

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	Portrait Cam Up	H	3.90	6.2402	-3.21	0	-3.21	-35.51	6.3582	-42.66	-41.3	-1.36
2	5	1	45	Portrait Cam Up	H	3.68	6.2402	-2.60	0	-2.60	-36.42	6.3492	-42.65	-41.3	-1.35
2	5	6	125	Portrait Cam Up	H	3.57	6.4931	-8.78	0	-8.78	-30.22	6.3572	-42.51	-41.3	-1.21
2	5	7	65	Portrait Cam Up	H	3.75	6.2412	-6.15	0	-6.15	-32.70	6.3532	-42.54	-41.3	-1.24
2	5	9	65	Portrait Cam Up	H	3.86	6.4891	-9.50	0	-9.50	-29.12	6.2502	-42.65	-41.3	-1.35
2	5	9	125	Portrait Cam Up	H	3.90	6.4891	-9.95	0	-9.95	-28.75	6.3542	-42.73	-41.3	-1.43
2	5	10	25	Portrait Cam Up	H	2.65	6.2402	-3.70	0	-3.70	-36.08	6.3582	-42.41	-41.3	-1.11
2	5	11	25	Portrait Cam Up	H	2.69	6.2402	-1.92	0	-1.92	-37.87	6.3492	-42.45	-41.3	-1.15
2	5	11	65	Portrait Cam Up	H	2.79	6.2402	-2.39	0	-2.39	-37.57	6.3492	-42.73	-41.3	-1.43
2	5	16	65	Portrait Cam Up	H	3.73	6.2392	-9.40	0	-9.40	-29.46	6.2502	-42.58	-41.3	-1.28
2	5	101	25	Portrait Cam Up	H	2.93	6.2392	-1.15	0	-1.15	-39.03	6.2502	-43.20	-41.3	-1.90
2	5	101	65	Portrait Cam Up	H	2.98	6.2382	-2.13	0	-2.13	-37.63	6.2742	-42.76	-41.3	-1.46
2	5	102	25	Portrait Cam Up	H	3.05	6.2402	-1.37	0	-1.37	-39.00	6.2512	-43.45	-41.3	-2.15
2	5	102	65	Portrait Cam Up	H	-3.27	6.2392	-2.18	0	-2.18	-37.19	6.3492	-42.67	-41.3	-1.37
2	5	103	25	Portrait Cam Up	H	3.51	6.2392	-2.57	0	-2.57	-36.64	6.3492	-42.66	-41.3	-1.36
2	5	103	125	Portrait Cam Up	H	3.53	6.2402	-5.16	0	-5.16	-34.03	6.3492	-42.80	-41.3	-1.50
2	5	201	65	Portrait Cam Up	H	1.66	6.2392	-3.84	0	-3.84	-37.11	6.3422	-42.66	-41.3	-1.36
2	5	202	625	Portrait Cam Up	H	1.39	6.2422	-11.10	0	-11.10	-30.20	6.3502	-42.75	-41.3	-1.45
2	5	402	445	Portrait Cam Up	H	1.43	6.2402	-9.50	0	-9.50	-31.72	6.3512	-42.75	-41.3	-1.45
2	5	501	0	Portrait Cam Up	H	3.85	6.2402	-1.31	0	-1.31	-39.42	6.2502	-44.40	-41.3	-3.10
2	5	503	0	Portrait Cam Up	H	3.86	6.2382	-1.23	0	-1.23	-39.38	6.2502	-44.42	-41.3	-3.12
2	5	601	0	Portrait Cam Up	H	0.69	6.2392	-1.44	0	-1.44	-40.34	6.3472	-42.36	-41.3	-1.06
2	5	603	0	Portrait Cam Up	H	0.64	6.2372	-1.43	0	-1.43	-40.37	6.3472	-42.46	-41.3	-1.16
2	5	605	0	Portrait Cam Up	H	0.66	6.2402	-1.15	0	-1.15	-42.19	6.2502	-44.19	-41.3	-2.89
2	5	607	0	Portrait Cam Up	H	0.26	6.2412	-1.13	0	-1.13	-42.58	6.2502	-43.96	-41.3	-2.66
2	5	701	0	Portrait Cam Up	H	0.35	6.2382	-1.08	0	-1.08	-40.96	6.3022	-42.40	-41.3	-1.10
2	5	702	0	Portrait Cam Up	H	1.10	6.2412	-1.07	0	-1.07	-42.26	6.3382	-44.46	-41.3	-3.16
2	5	703	0	Portrait Cam Up	H	0.37	6.2402	-1.06	0	-1.06	-42.90	6.3042	-44.35	-41.3	-3.05
2	5	704	0	Portrait Cam Up	H	-4.76	6.2402	-5.71	0	-5.71	-41.23	6.3032	-42.46	-41.3	-1.16
2	5	705	0	Portrait Cam Up	H	-4.98	6.3052	-3.39	0	-3.39	-44.04	6.3042	-42.55	-41.3	-1.25
2	5	706	0	Portrait Cam Up	H	-6.62	6.2412	-4.85	0	-4.85	-44.82	6.3032	-42.62	-41.3	-1.32
2	5	405	4093	Portrait Cam Up	H	-1.96	6.2432	-12.61	0	-12.61	-31.57	6.3402	-42.44	-41.3	-1.14
2	5	407	4093	Portrait Cam Up	H	-1.97	6.2442	-12.10	0	-12.10	-32.26	6.3002	-42.44	-41.3	-1.14
2	5	409	4093	Portrait Cam Up	H	1.11	6.2412	-12.21	0	-12.21	-29.14	6.3322	-42.64	-41.3	-1.34
2	5	801	0Gap0	Portrait Cam Up	H	-1.75	6.2422	-1.75	0	-1.75	-42.49	6.3232	-42.49	-41.3	-1.19
2	5	801	0Gap64	Portrait Cam Up	H	-2.03	6.2382	-2.03	0	-2.03	-42.49	6.3022	-42.49	-41.3	-1.19
2	5	802	0	Portrait Cam Up	H	-1.58	6.2432	-2.29	0	-2.29	-41.81	6.3022	-42.78	-41.3	-1.48
2	5	803	0	Portrait Cam Up	H	-1.58	6.2422	-1.36	0	-1.36	-42.92	6.3432	-42.72	-41.3	-1.42
2	5	804	0Gap0	Portrait Cam Up	H	-2.22	6.2422	-5.03	0	-5.03	-39.86	6.3232	-42.47	-41.3	-1.17
2	5	804	0Gap64	Portrait Cam Up	H	-1.76	6.2422	-5.09	0	-5.09	-39.45	6.3332	-42.53	-41.3	-1.23
2	5	805	0	Portrait Cam Up	H	-1.57	6.2402	-4.82	0	-4.82	-39.01	6.3432	-42.39	-41.3	-1.09
2	5	806	0	Portrait Cam Up	H	-1.42	6.2392	-3.55	0	-3.55	-40.09	6.3432	-42.33	-41.3	-1.03
2	5	807	0Gap0	Portrait Cam Up	H	-1.37	6.2402	-1.37	0	-1.37	-42.34	6.3232	-42.33	-41.3	-1.03
2	5	807	0Gap64	Portrait Cam Up	H	-1.29	6.2392	-1.23	0	-1.23	-42.16	6.3352	-42.48	-41.3	-1.18
2	5	808	0	Portrait Cam Up	H	-1.26	6.2402	-1.26	0	-1.26	-42.38	6.3352	-42.38	-41.3	-1.08
2	5	809	0	Portrait Cam Up	H	-1.43	6.2392	-1.43	0	-1.43	-42.58	6.3352	-42.58	-41.3	-1.28
2	5	80A	0Gap0	Portrait Cam Up	H	-1.97	6.2382	-4.72	0	-4.72	-39.73	6.3232	-42.34	-41.3	-1.04
2	5	80A	0Gap64	Portrait Cam Up	H	-1.20	6.2402	-3.70	0	-3.70	-39.91	6.3282	-42.52	-41.3	-1.22
2	5	80B	0	Portrait Cam Up	H	-1.03	6.2412	-3.49	0	-3.49	-40.15	6.3542	-42.30	-41.3	-1.00
2	5	80C	0	Portrait Cam Up	H	-0.96	6.2392	-3.67	0	-3.67	-39.79	6.3542	-42.66	-41.3	-1.36

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 Down	V	8.34	8.2177	-1.25	0	-1.25	-34.17	8.0187	-43.53	-41.3	-2.23
2	9	1	45	Landscape Cam Down	V	8.39	8.2187	-1.01	0	-1.01	-35.48	7.8468	-44.87	-41.3	-3.57
2	9	6	125	Landscape Cam Down	V	8.31	8.2177	-5.56	0	-5.56	-28.28	8.0137	-42.38	-41.3	-1.08
2	9	7	65	Landscape Cam Down	V	8.40	8.2177	-2.66	0	-2.66	-31.58	7.8708	-42.56	-41.3	-1.26
2	9	9	65	Landscape Cam Down	V	8.40	8.2177	-4.92	0	-4.92	-29.04	7.8608	-42.43	-41.3	-1.13
2	9	9	125	Landscape Cam Down	V	8.46	8.2187	-6.34	0	-6.34	-27.57	7.9878	-42.47	-41.3	-1.17
2	9	10	25	Landscape Cam Down	V	7.77	8.2177	-1.12	0	-1.12	-34.49	7.8558	-43.33	-41.3	-2.03
2	9	11	25	Landscape Cam Down	V	8.03	8.2177	-1.23	0	-1.23	-36.20	7.8568	-45.25	-41.3	-3.95
2	9	11	65	Landscape Cam Down	V	8.00	8.2177	-1.20	0	-1.20	-34.72	8.0187	-43.82	-41.3	-2.52
2	9	16	65	Landscape Cam Down	V	8.52	7.9898	-5.16	0	-5.16	-28.83	7.9868	-42.42	-41.3	-1.12
2	9	101	25	Landscape Cam Down	V	8.13	8.2177	-1.00	0	-1.00	-36.34	7.8558	-45.43	-41.3	-4.13
2	9	101	65	Landscape Cam Down	V	8.19	8.2187	-1.28	0	-1.28	-34.85	7.9558	-44.03	-41.3	-2.73
2	9	102	25	Landscape Cam Down	V	8.27	8.2177	-1.34	0	-1.34	-36.05	7.9718	-45.74	-41.3	-4.44
2	9	102	65	Landscape Cam Down	V	8.31	8.2719	-1.39	0	-1.39	-34.52	7.9558	-44.08	-41.3	-2.78
2	9	103	25	Landscape Cam Down	V	8.40	8.2187	-1.07	0	-1.07	-34.15	7.8618	-43.63	-41.3	-2.33
2	9	103	125	Landscape Cam Down	V	8.38	8.2187	-2.64	0	-2.64	-31.87	7.9558	-42.58	-41.3	-1.28
2	9	201	65	Landscape Cam Down	V	5.16	8.2187	-2.44	0	-2.44	-34.90	7.9868	-42.59	-41.3	-1.29
2	9	202	625	Landscape Cam Down	V	5.22	8.2187	-9.03	0	-9.03	-28.07	7.9868	-42.52	-41.3	-1.22
2	9	402	445	Landscape Cam Down	V	5.33	8.2187	-7.72	0	-7.72	-29.89	7.9998	-42.68	-41.3	-1.38
2	9	501	0	Landscape Cam Down	V	7.92	8.2177	-1.44	0	-1.44	-38.69	7.8468	-47.75	-41.3	-6.45
2	9	503	0	Landscape Cam Down	V	7.47	8.2187	-1.38	0	-1.38	-38.64	7.8418	-47.70	-41.3	-6.40
2	9	601	0	Landscape Cam Down	V	4.21	8.2187	-1.04	0	-1.04	-38.92	7.8448	-44.27	-41.3	-2.97
2	9	603	0	Landscape Cam Down	V	3.93	8.2177	-1.17	0	-1.17	-38.90	7.8448	-43.99	-41.3	-2.69
2	9	605	0	Landscape Cam Down	V	4.19	8.2187	-1.40	0	-1.40	-41.42	7.8458	-46.69	-41.3	-5.39
2	9	607	0	Landscape Cam Down	V	4.05	8.2177	-1.17	0	-1.17	-41.41	7.8458	-46.44	-41.3	-5.14
2	9	701	0	Landscape Cam Down	V	3.73	8.2187	-1.14	0	-1.14	-39.07	7.8558	-44.05	-41.3	-2.75
2	9	702	0	Landscape Cam Down	V	4.07	8.2177	-1.16	0	-1.16	-40.37	7.9808	-45.72	-41.3	-4.42
2	9	703	0	Landscape Cam Down	V	3.47	8.2187	-1.40	0	-1.40	-40.93	7.8498	-45.74	-41.3	-4.44
2	9	704	0	Landscape Cam Down	V	-1.46	8.2167	-5.31	0	-5.31	-39.21	7.9868	-42.68	-41.3	-1.38
2	9	705	0	Landscape Cam Down	V	-1.65	8.1167	-1.65	0	-1.65	-42.30	7.9838	-42.30	-41.3	-1.00
2	9	706	0	Landscape Cam Down	V	-3.00	7.9998	-3.00	0	-3.00	-43.05	7.9848	-43.05	-41.3	-1.75
2	9	405	4093	Landscape Cam Down	V	0.38	7.9998	-12.17	0	-12.17	-29.67	7.9818	-42.30	-41.3	-1.00
2	9	407	4093	Landscape Cam Down	V	0.11	7.9998	-11.85	0	-11.85	-30.48	7.9878	-42.42	-41.3	-1.12
2	9	409	4093	Landscape Cam Down	V	2.96	7.9998	-11.72	0	-11.72	-27.48	7.9868	-42.31	-41.3	-1.01
2	9	801	0Gap0	Landscape Cam Down	V	-0.70	8.2197	-3.07	0	-3.07	-40.45	7.9868	-42.77	-41.3	-1.47
2	9	801	0Gap64	Landscape Cam Down	V	-0.88	8.2187	-2.77	0	-2.77	-41.24	7.8408	-42.68	-41.3	-1.38
2	9	802	0	Landscape Cam Down	V	-0.19	8.2197	-2.76	0	-2.76	-40.24	7.8408	-42.66	-41.3	-1.36
2	9	803	0	Landscape Cam Down	V	-0.12	8.2187	-2.08	0	-2.08	-41.30	7.8408	-42.77	-41.3	-1.47
2	9	804	0Gap0	Landscape Cam Down	V	-1.11	8.2197	-6.34	0	-6.34	-37.96	7.9878	-42.76	-41.3	-1.46
2	9	804	0Gap64	Landscape Cam Down	V	-0.85	8.2197	-5.64	0	-5.64	-37.88	7.8408	-42.56	-41.3	-1.26
2	9	805	0	Landscape Cam Down	V	-0.24	8.2187	-5.80	0	-5.80	-37.45	7.8408	-42.55	-41.3	-1.25
2	9	806	0	Landscape Cam Down	V	-0.29	8.2197	-3.95	0	-3.95	-38.68	7.8408	-42.53	-41.3	-1.23
2	9	807	0Gap0	Landscape Cam Down	V	-0.83	8.2187	-3.05	0	-3.05	-40.73	7.8628	-42.73	-41.3	-1.43
2	9	807	0Gap64	Landscape Cam Down	V	-0.40	8.2197	-2.00	0	-2.00	-41.08	7.8528	-42.31	-41.3	-1.01
2	9	808	0	Landscape Cam Down	V	2.46	8.2177	-1.06	0	-1.06	-41.45	7.8918	-45.59	-41.3	-4.29
2	9	809	0	Landscape Cam Down	V	2.25	8.2177	-1.40	0	-1.40	-41.61	7.9578	-45.18	-41.3	-3.88
2	9	80A	0Gap0	Landscape Cam Down	V	1.91	8.2187	-2.76	0	-2.76	-38.33	7.9048	-42.57	-41.3	-1.27
2	9	80A	0Gap64	Landscape Cam Down	V	2.65	8.2177	-1.00	0	-1.00	-38.63	8.0237	-42.63	-41.3	-1.33
2	9	80B	0	Landscape Cam Down	V	2.71	8.2187	-1.18	0	-1.18	-38.88	7.9498	-42.83	-41.3	-1.53
2	9	80C	0	Landscape Cam Down	V	2.59	8.2187	-1.46	0	-1.46	-38.85	7.9498	-42.80	-41.3	-1.50

WORST-CASE OF PEAK POWER AND MAXIMUM AVERAGE EMISSIONS

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.

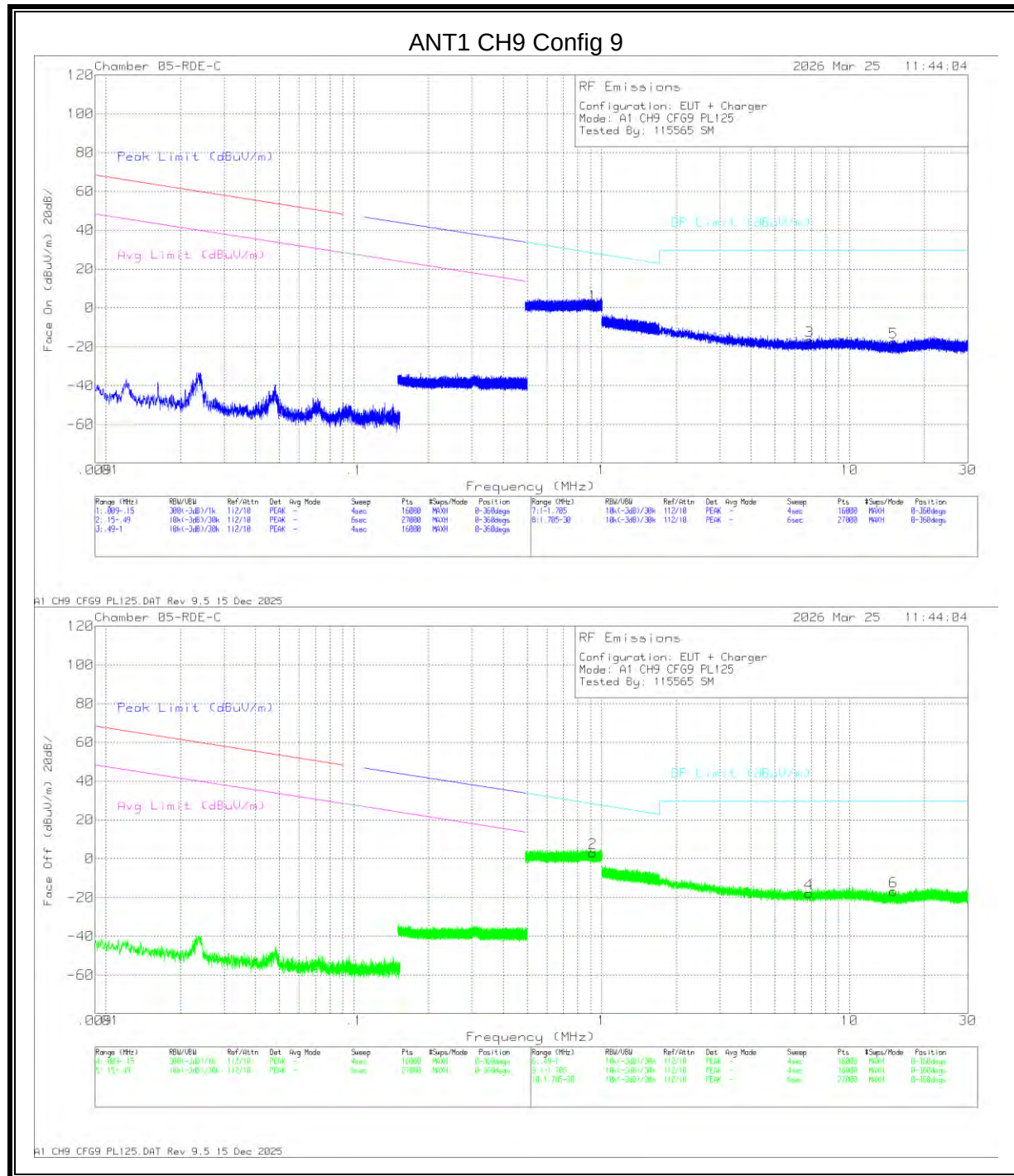
RESULTS**Emissions Summary**

Employee IDs: 32440, 115565

Location: 05-RDE-B

Test Date: 6/04/26 – 6/24/26

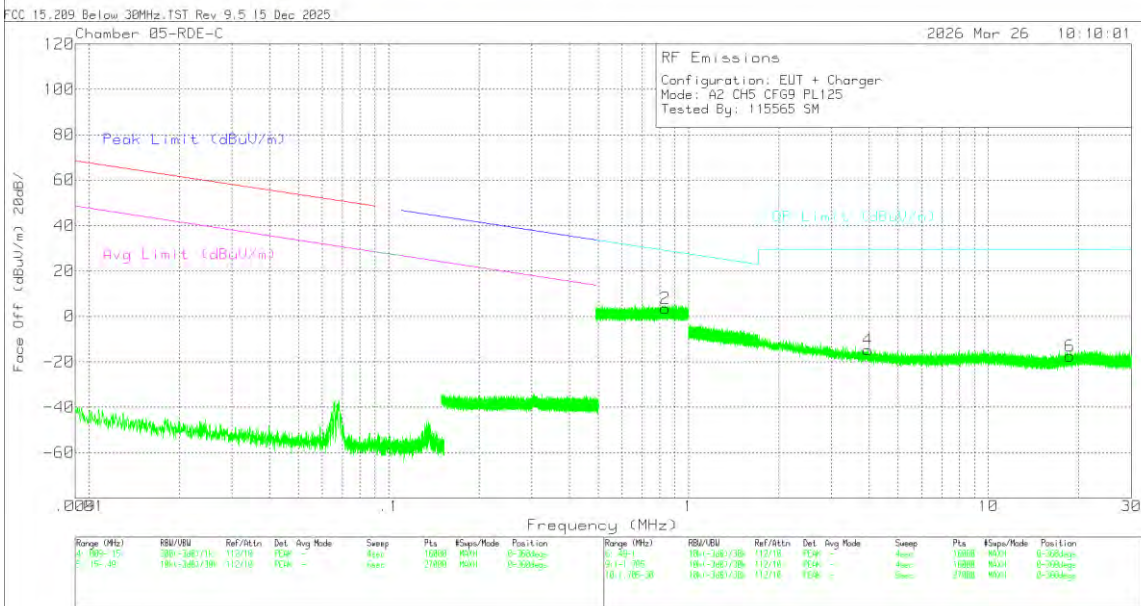
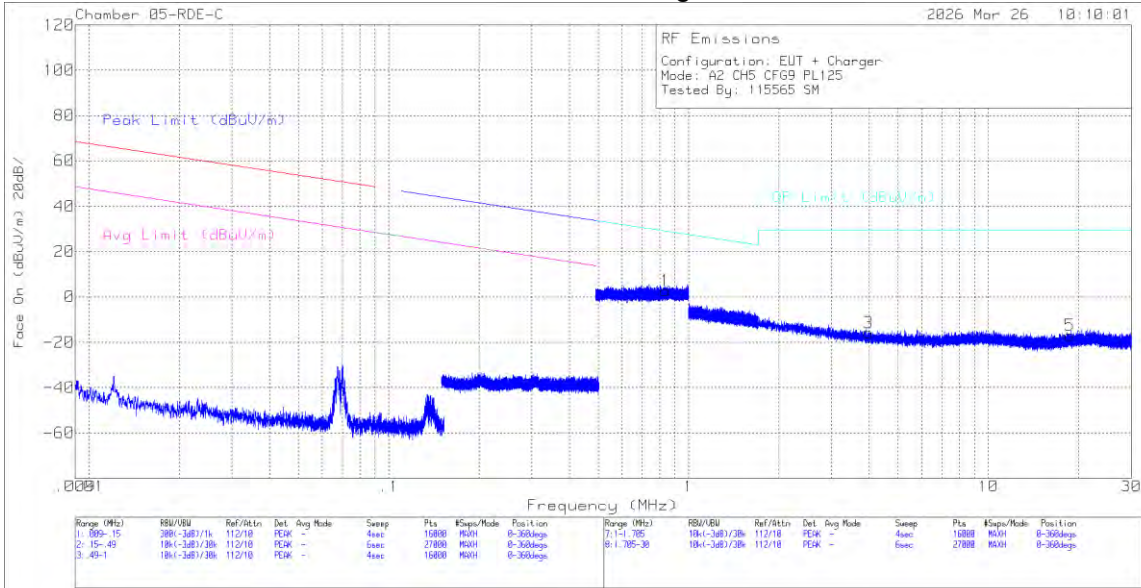
State	Ant	CH	Config	Payload	Power Setting	Frequency Range	
						9 kHz - 30 MHz	30 - 960 MHz
A	1	9	9	125	Max	PASS	PASS
A	2	5	9	125	Max	PASS	PASS
A	2	9	9	125	Max	PASS	PASS
B	1	9	9	125	Max	PASS	PASS
B	2	5	9	125	Max	PASS	PASS
B	2	9	9	125	Max	PASS	PASS

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

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna E (dB/m)	CBL AMP (dB)	Dist Corr 30m (dB) 40Log	Corrected Reading (dBuV/m)	QP Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)
1	9202	17.34	Pk	56.4	-32	-40	1.74	28.34	-26.6	0-360
2	9199	18.7	Pk	56.4	-32	-40	3.1	28.34	-25.24	0-360
3	6.8821	19.78	Pk	34.9	-31.6	-40	-16.92	29.5	-46.42	0-360
4	6.8559	18.69	Pk	34.9	-31.5	-40	-17.91	29.5	-47.41	0-360
5	15.0261	19.56	Pk	34	-31.2	-40	-17.64	29.5	-47.14	0-360
6	15.0366	20.34	Pk	34	-31.2	-40	-16.86	29.5	-46.36	0-360

Pk - Peak detector

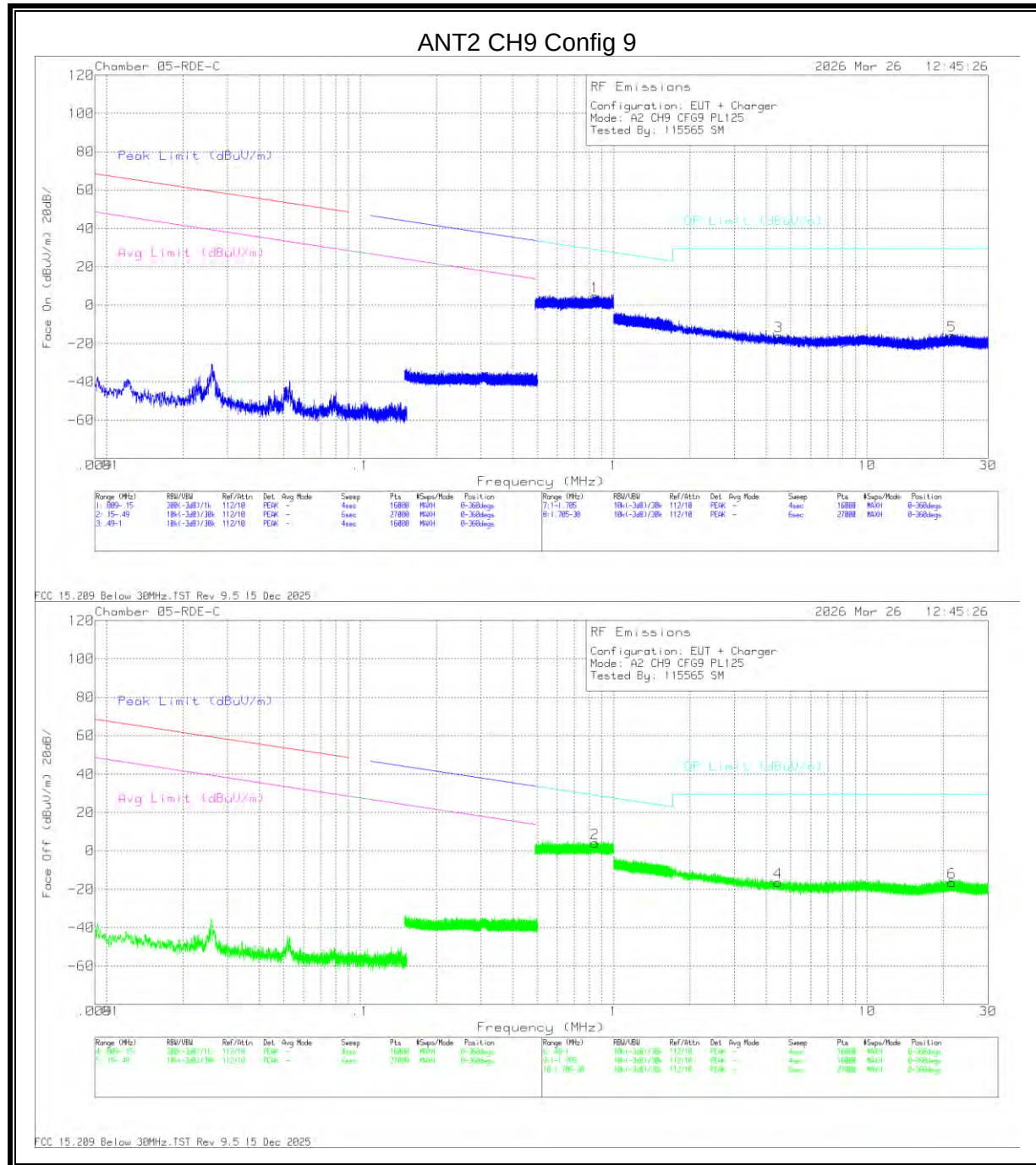
ANT2 CH5 Config 9



Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna E (dB/m)	CBL AMP (dB)	Dist Corr 30m (dB) 40Log	Corrected Reading (dBuV/m)	QP Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)
1	.8363	17.96	Pk	56.3	-31.6	-40	2.66	29.17	-26.51	0-360
2	.8371	18.87	Pk	56.3	-31.6	-40	3.57	29.16	-25.59	0-360
3	3.9896	18.53	Pk	37.3	-31.6	-40	-15.77	29.5	-45.27	0-360
4	3.9708	19.6	Pk	37.3	-31.7	-40	-14.8	29.5	-44.3	0-360
5	18.7182	20.16	Pk	34.3	-31.4	-40	-16.94	29.5	-46.44	0-360
6	18.7172	19.56	Pk	34.3	-31.4	-40	-17.54	29.5	-47.04	0-360

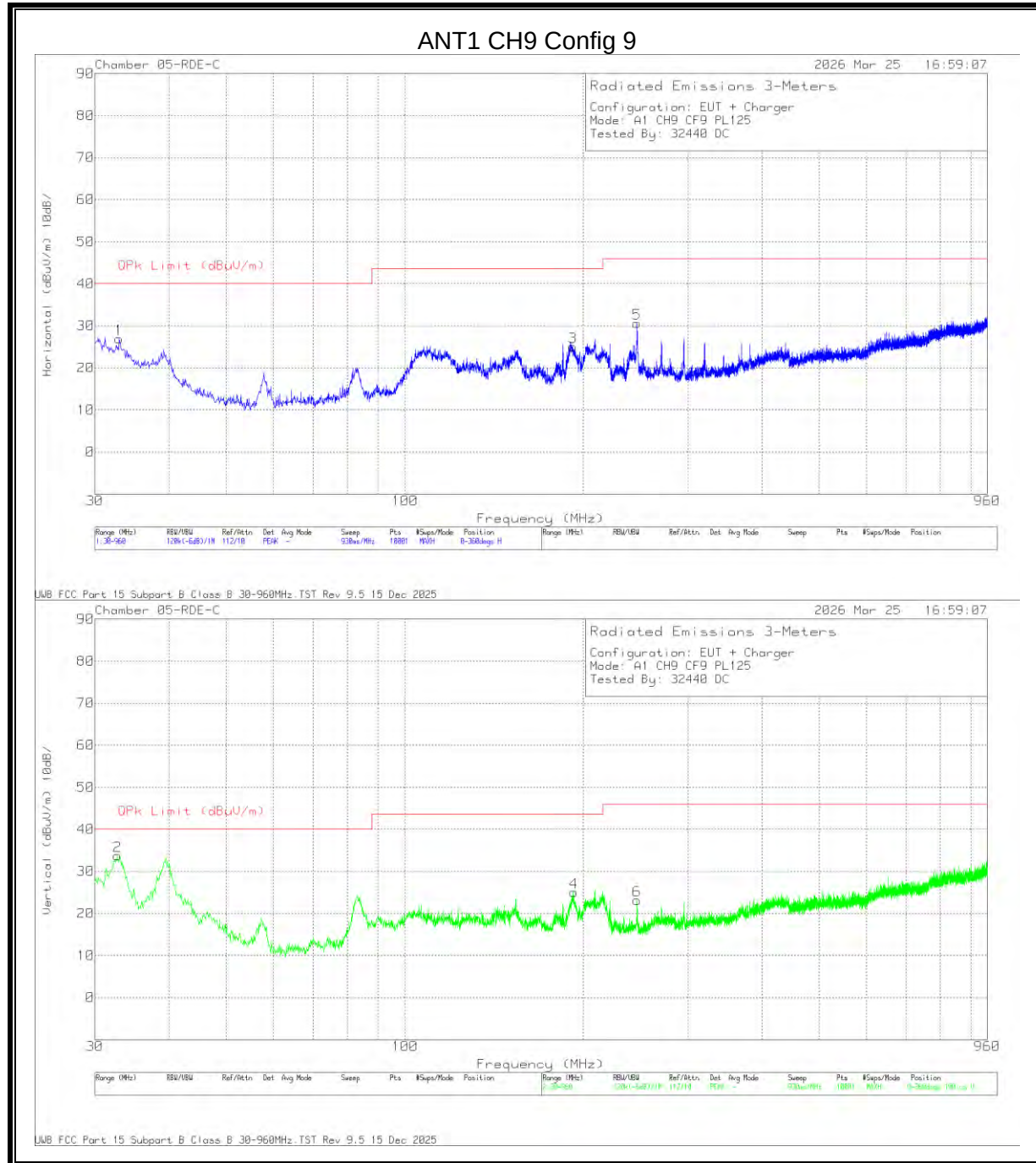
Pk - Peak detector



Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna E (dB/m)	CBL AMP (dB)	Dist Corr 30m (dB) 40Log	Corrected Reading (dBuV/m)	QP Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)
1	.8451	19.73	Pk	56.3	-31.5	-40	4.53	29.08	-24.55	0-360
2	.845	19.18	Pk	56.3	-31.5	-40	3.98	29.08	-25.1	0-360
3	4.478	18.82	Pk	36.7	-31.7	-40	-16.18	29.5	-45.68	0-360
4	4.4571	18.45	Pk	36.7	-31.6	-40	-16.45	29.5	-45.95	0-360
5	21.6097	21.45	Pk	34.1	-31.4	-40	-15.85	29.5	-45.35	0-360
6	21.6023	20.85	Pk	34.1	-31.3	-40	-16.35	29.5	-45.85	0-360

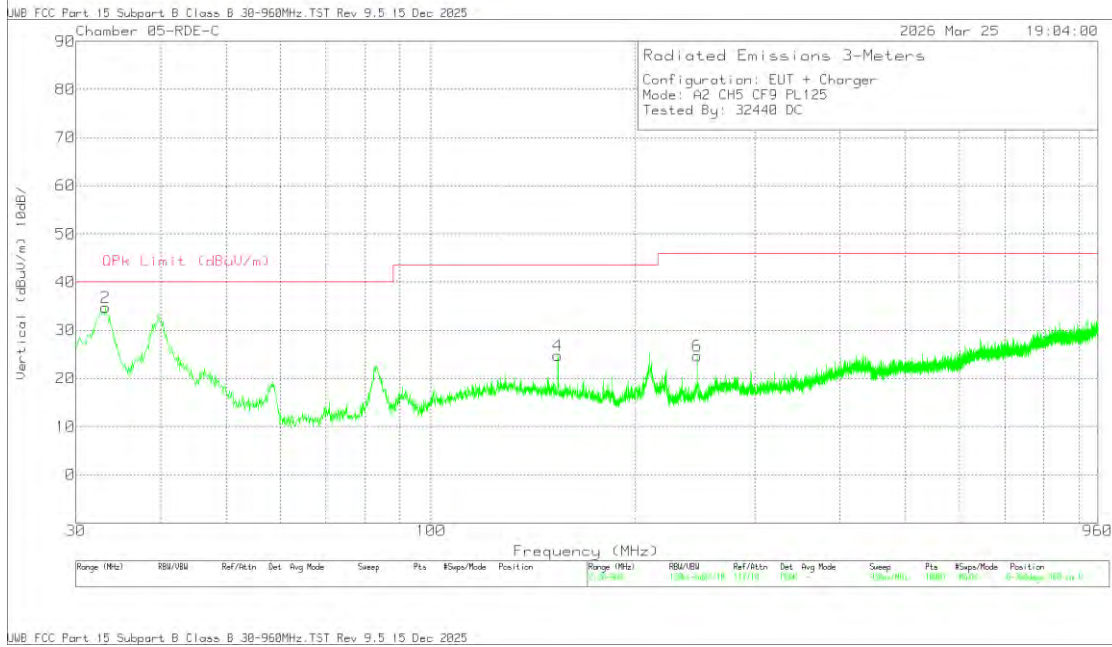
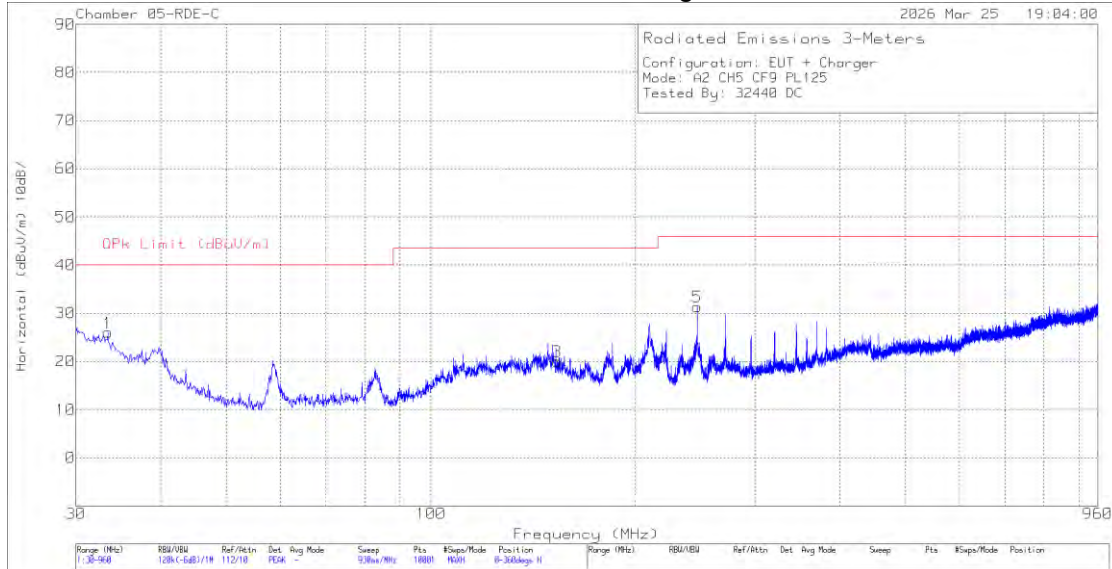
Pk - Peak detector

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

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	171863 ACF (dB/m)	CBL AMP (dB)	Corrected Reading (dBuV/m)	OPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	32.976	32.99	Pk	24.8	-30.9	26.89	40	-13.11	0-360	298	H
2	32.79	39.85	Pk	24.9	-31	33.75	40	-6.25	0-360	100	V
3	191.82	38.49	Pk	17.1	-30.5	25.09	43.52	-18.43	0-360	199	H
4	192.564	38.34	Pk	17.2	-30.5	25.04	43.52	-18.48	0-360	199	V
5	246.318	43.25	Pk	17.3	-30	30.55	46.02	-15.47	0-360	100	H
6	246.318	35.87	Pk	17.3	-30	23.17	46.02	-22.85	0-360	199	V

Pk - Peak detector

ANT2 CH5 Config 9



Trace Markers

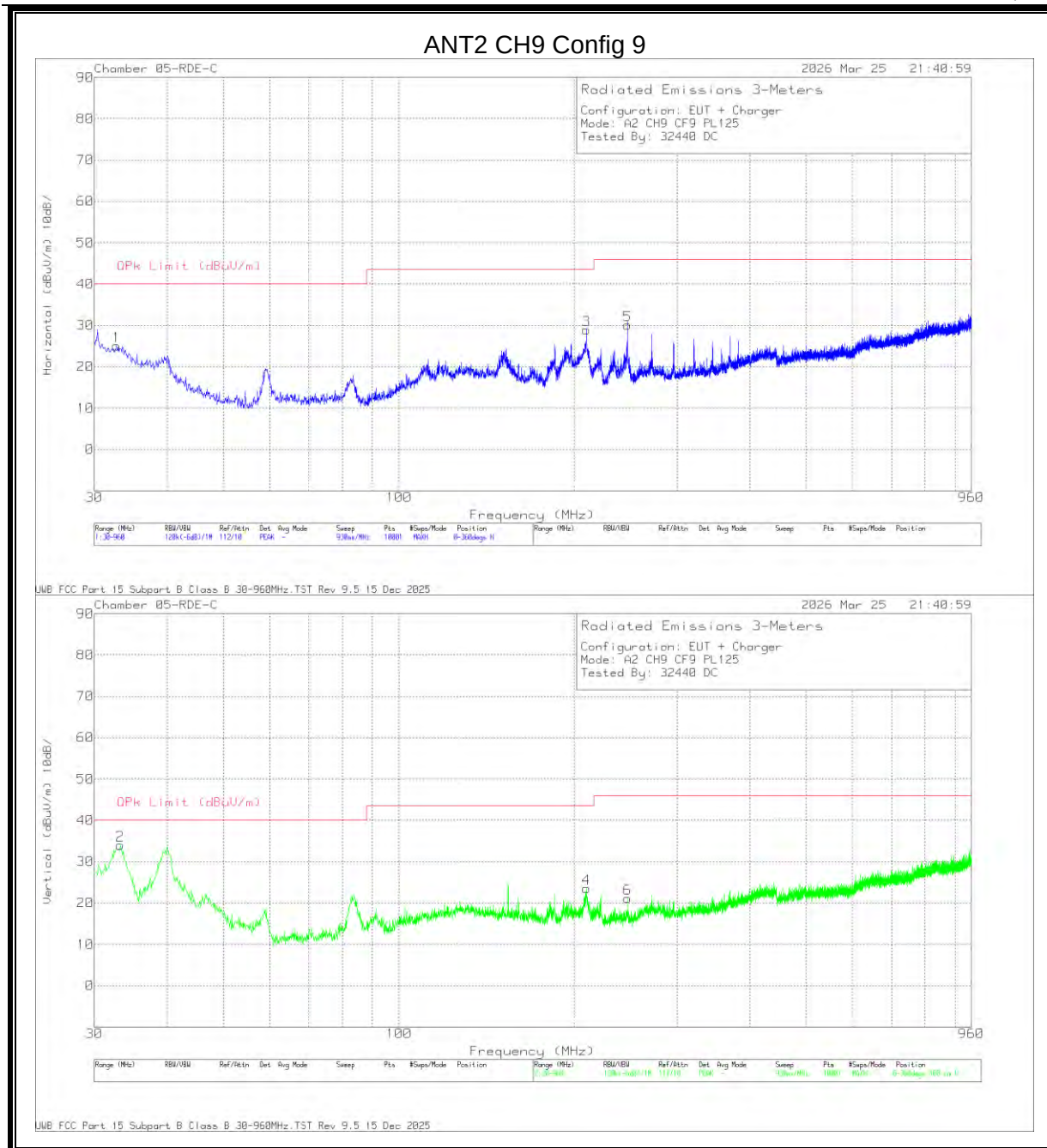
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	171863 ACF (dB/m)	CBL AMP (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	33.441	32.49	Pk	24.4	-30.9	25.99	40	-14.01	0-360	199	H
2	33.162	40.91	Pk	24.7	-30.9	34.71	40	-5.29	0-360	100	V
3	153.411	32.19	Pk	18.2	-30.4	19.99	43.52	-23.53	0-360	199	H
4	153.783	36.76	Pk	18.2	-30.2	24.76	43.52	-18.76	0-360	100	V
5	246.69	44.12	Pk	17.3	-30.1	31.32	46.02	-14.7	0-360	100	H
6	246.69	37.5	Pk	17.3	-30.1	24.7	46.02	-21.32	0-360	199	V

Pk - Peak detector

Radiated Emissions

Frequency (MHz)	Meter Reading (dBuV)	Det	171863 ACF (dB/m)	CBL AMP (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
32.7252	36.94	Qp	24.9	-31	30.84	40	-9.16	216	105	V

Qp - Quasi-Peak detector



Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	171863 ACF (dB/m)	CBL AMP (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	32.79	31.16	Pk	24.9	-31	25.06	40	-14.94	0-360	299	H
2	33.255	40.29	Pk	24.6	-30.9	33.99	40	-6.01	0-360	100	V
3	209.676	42.98	Pk	16.3	-30.3	28.98	43.52	-14.54	0-360	199	H
4	209.676	37.58	Pk	16.3	-30.3	23.58	43.52	-19.94	0-360	198	V
5	246.783	42.89	Pk	17.3	-30.1	30.09	46.02	-15.93	0-360	98	H
6	246.783	33.9	Pk	17.3	-30.1	21.1	46.02	-24.92	0-360	100	V

Pk - Peak detector

Radiated Emissions

Frequency (MHz)	Meter Reading (dBuV)	Det	171863 ACF (dB/m)	CBL AMP (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
32.7861	35.67	Qp	24.9	-31	29.57	40	-10.43	122	117	V

Qp - Quasi-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 = $20 \cdot \log(1\text{m}/3\text{m}) = -9.54 \text{ dB}$

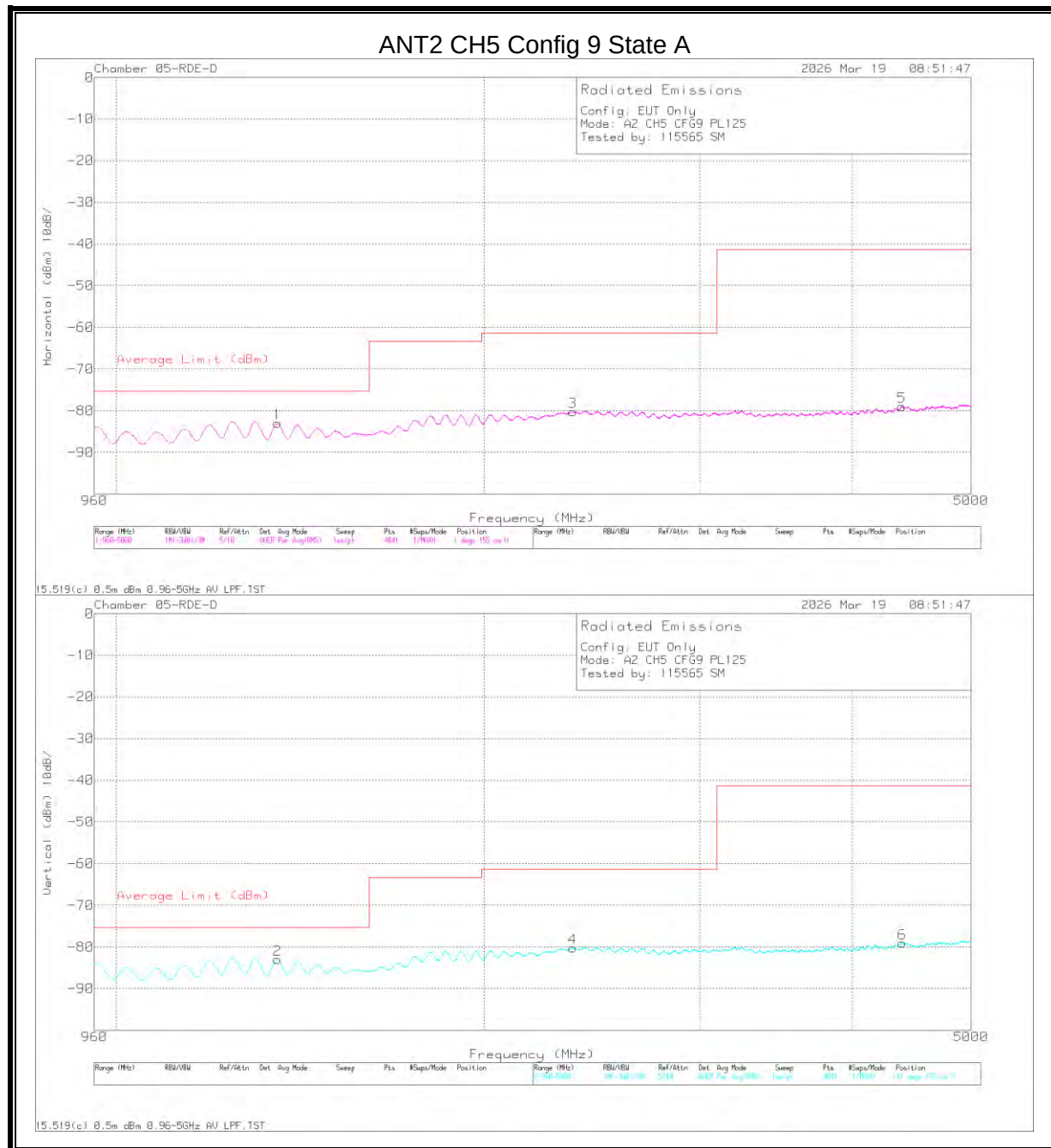
RESULTS**Average Emissions Summary**

Employee IDs: 32440, 115565

Location: 05-RDE-B

Test Date: 6/04/26 – 6/24/26

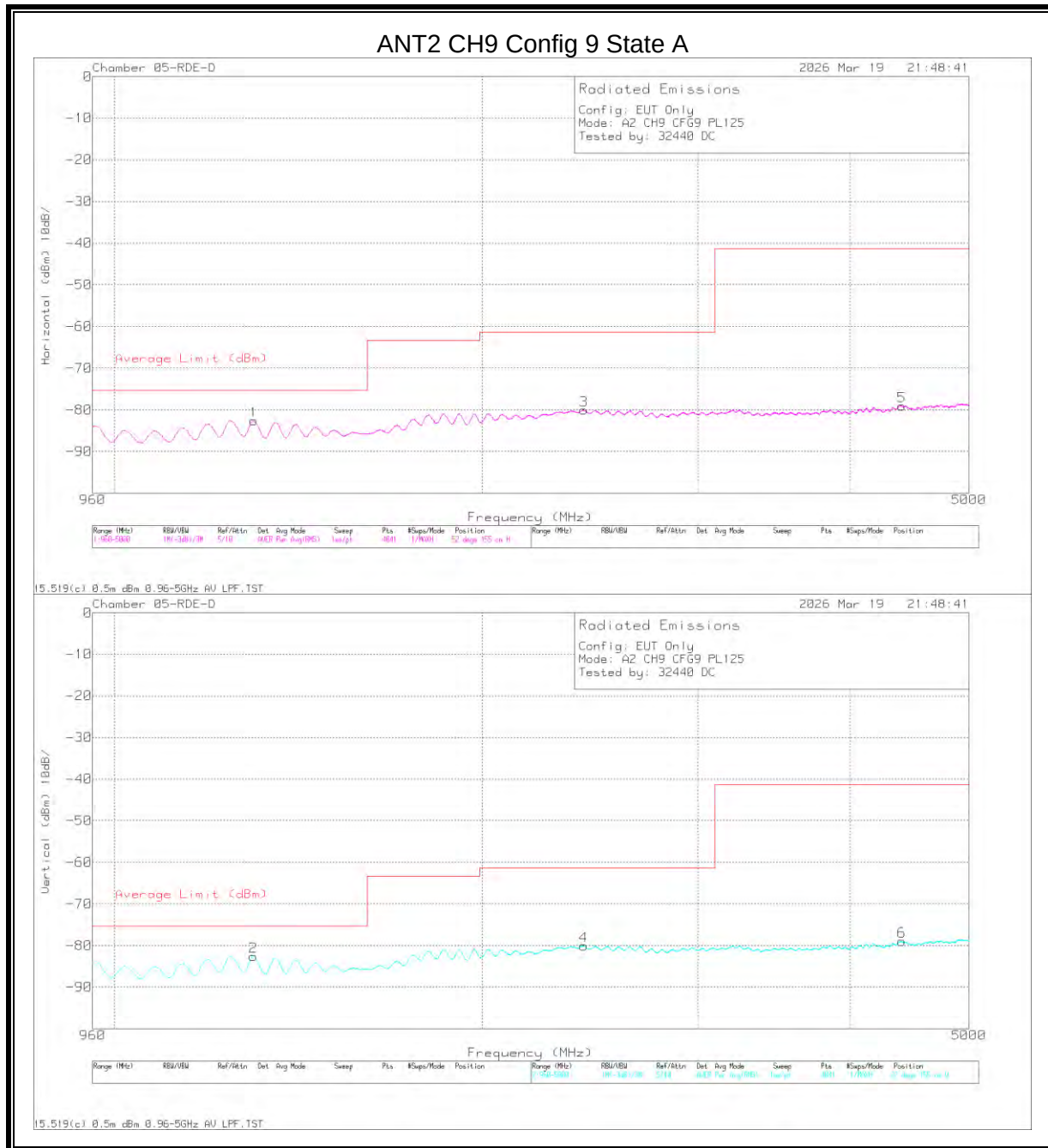
State	Ant	CH	Config	Payload	Power Setting	Frequency Ranges				
						1164 - 1240 MHz	1559 - 1610 MHz	0.96 - 18 GHz	18 - 26.5 GHz	26.5 - 40 GHz
A	1	9	9	125	Max	PASS	PASS	PASS	PASS	PASS
A	2	5	9	125	Max	PASS	PASS	PASS	PASS	PASS
A	2	9	9	125	Max	PASS	PASS	PASS	PASS	PASS
B	1	9	9	125	Max	PASS	PASS	PASS	PASS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



Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	81887 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	1355	-61.31	RMS	29.4	-15.6	11.8	-47.28	-82.99	-75.3	-7.69	1	155	H
2	1355	-61.33	RMS	29.4	-15.6	11.8	-47.28	-83.01	-75.3	-7.71	317	155	V
3	2362	-62.37	RMS	33.4	-15.6	11.8	-47.48	-80.25	-61.3	-18.95	220	155	H
4	2362	-62.37	RMS	33.4	-15.6	11.8	-47.48	-80.25	-61.3	-18.95	74	155	V
5	4390	-64.1	RMS	34.4	-15.6	11.8	-45.52	-79.02	-41.3	-37.72	1	155	H
6	4394	-64.19	RMS	34.4	-15.6	11.8	-45.51	-79.1	-41.3	-37.8	250	155	V

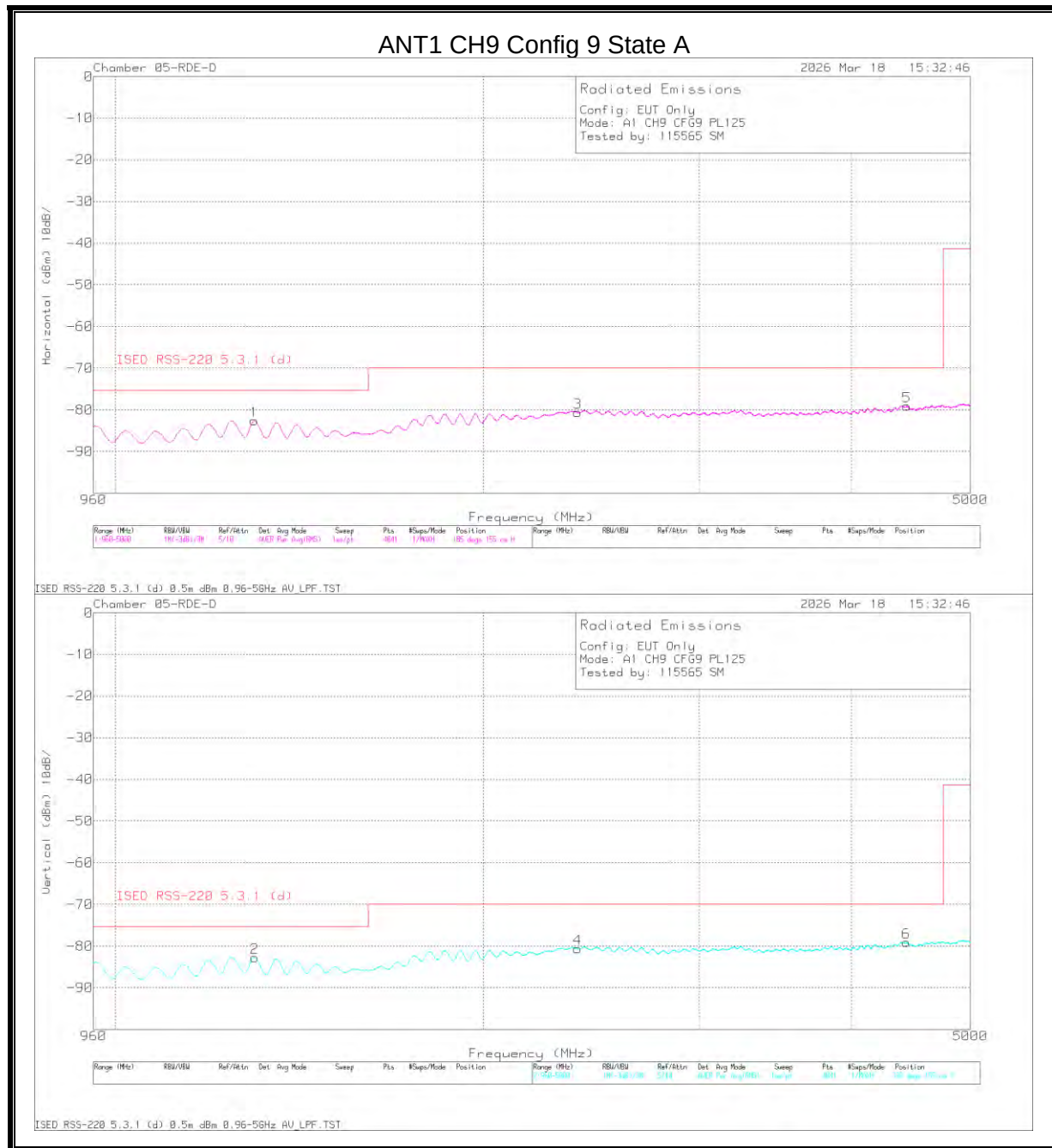
RMS - RMS detection



Trace Markers

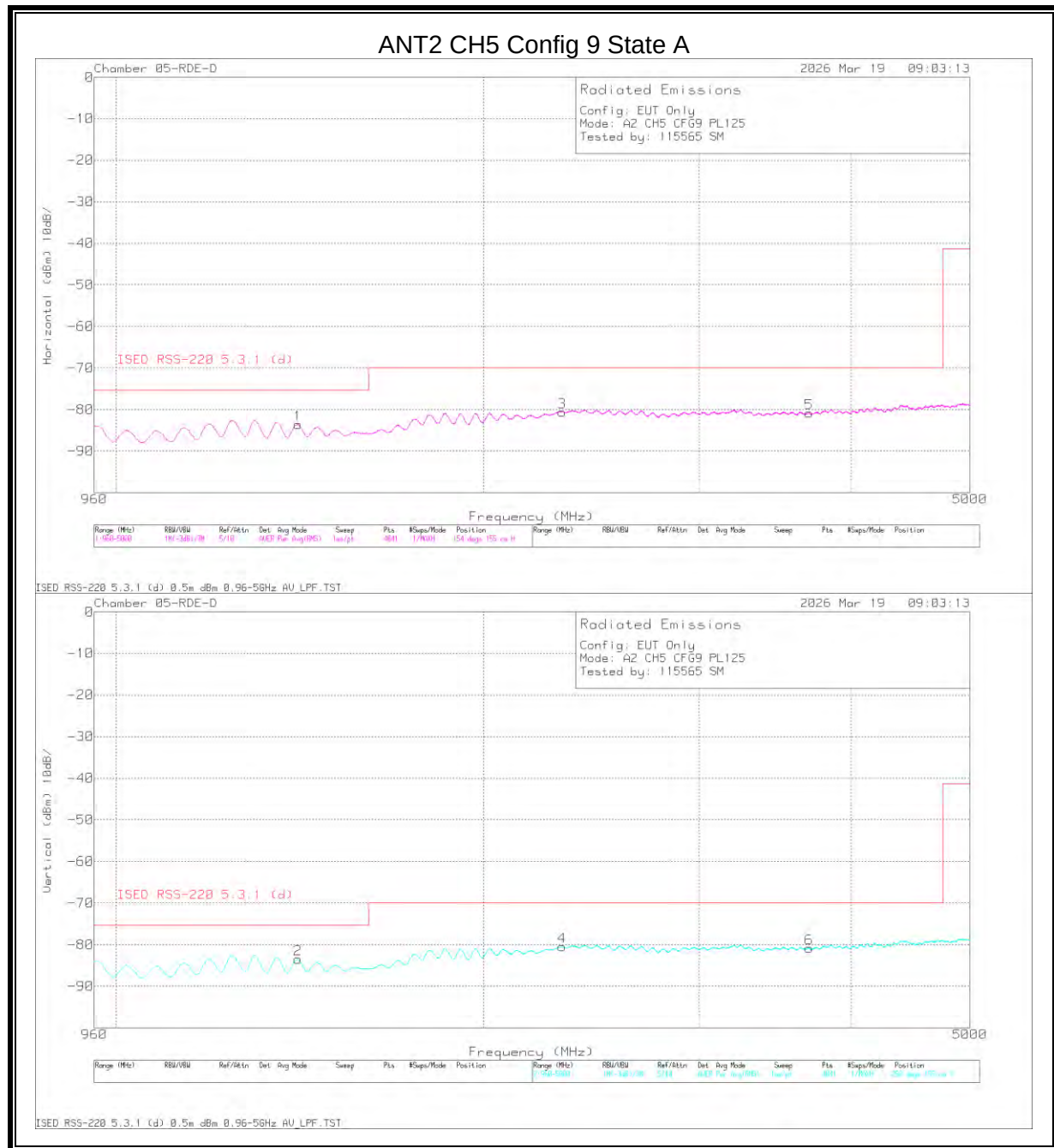
Marker	Frequency (MHz)	Meter Reading (dBm)	Det	81887 ACF (dBm)	Dist. Corr. (dB)	Conversion Factor (dB)	Gain/Loss (dB)	Corrected Reading (dBm)	Average Limit (dBm)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1301	-61.07	RMS	29.6	-15.6	11.8	-47.39	-82.66	-75.3	-7.36	141	155	H
2	1299	-61.13	RMS	29.7	-15.6	11.8	-47.37	-82.6	-75.3	-7.3	132	155	V
3	2421	-62.47	RMS	33.5	-15.6	11.8	-47.28	-80.05	-61.3	-18.75	162	155	H
4	2421	-62.5	RMS	33.5	-15.6	11.8	-47.28	-80.08	-61.3	-18.78	286	155	V
5	4406	-64.42	RMS	34.5	-15.6	11.8	-45.41	-79.13	-41.3	-37.83	360	155	H
6	4407	-64.32	RMS	34.5	-15.6	11.8	-45.4	-79.02	-41.3	-37.72	308	155	V

RMS - RMS detection

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

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	81887 ACF (dB/m)	Dist. Corr. (dB)	Conversion Factor (dB)	Gain/Loss (dB)	Corrected Reading (dBm)	ISED RSS-220 5.3.1 (dBm)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1299	-61.18	RMS	29.7	-15.6	11.8	-47.37	-82.65	-75.3	-7.35	31	155	H
2	1300	-61.2	RMS	29.7	-15.6	11.8	-47.39	-82.69	-75.3	-7.39	242	155	V
3	2388	-62.89	RMS	33.5	-15.6	11.8	-47.37	-80.56	-70	-10.56	185	155	H
4	2388	-62.92	RMS	33.5	-15.6	11.8	-47.37	-80.59	-70	-10.59	308	155	V
5	4436	-64.55	RMS	34.5	-15.6	11.8	-45.29	-79.14	-70	-9.14	140	155	H
6	4431	-64.54	RMS	34.5	-15.6	11.8	-45.3	-79.14	-70	-9.14	154	155	V

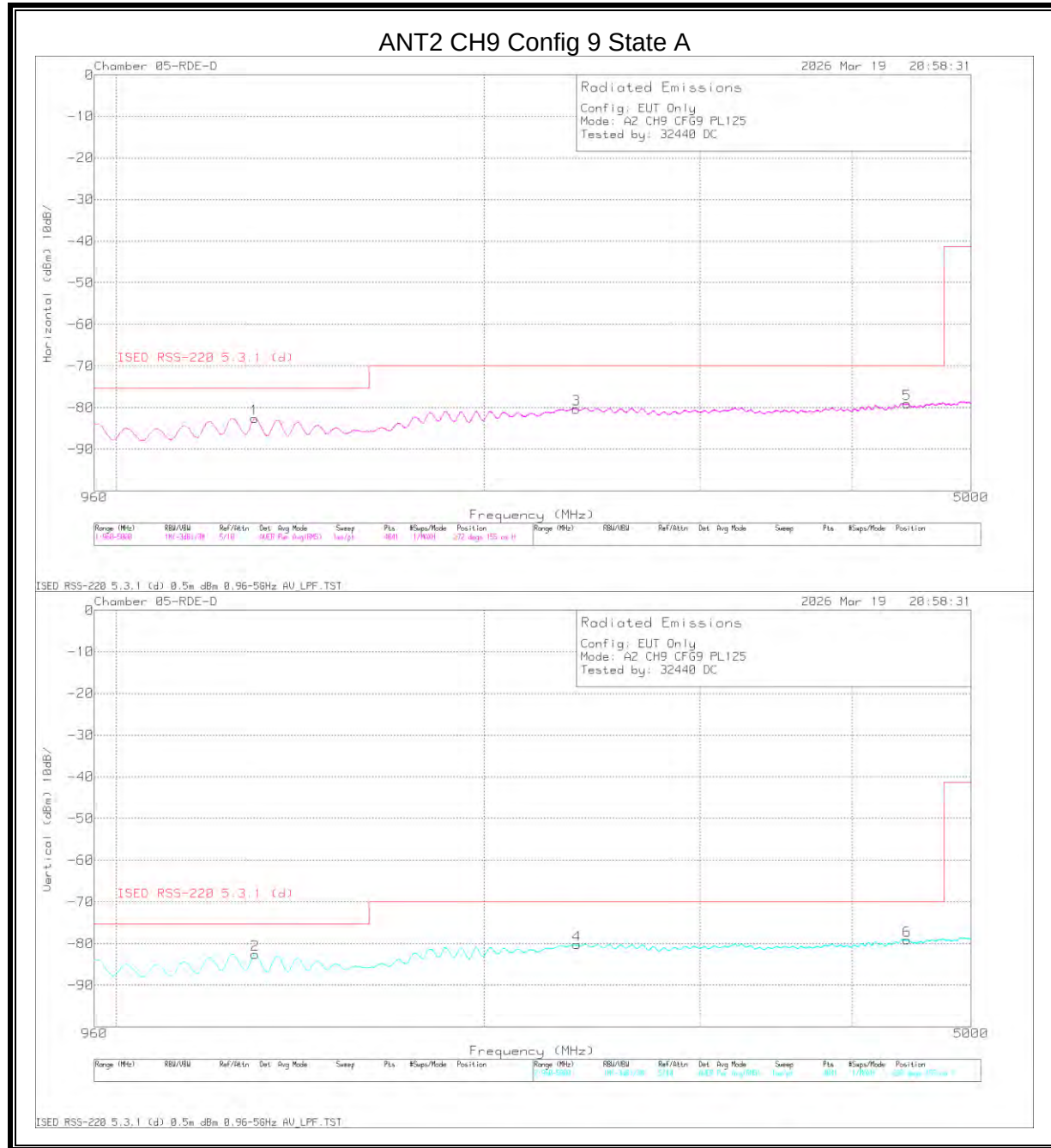
RMS - RMS detection



Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	81887 ACF (dB/m)	Dist. Corr. (dB)	Conversion Factor (dB)	Gain/Loss (dB)	Corrected Reading (dBm)	ISED RSS-220 5.3.1 (dBm)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1410	-61.4	RMS	29	-15.6	11.8	-47.41	-83.61	-75.3	-8.31	330	155	H
2	1409	-61.24	RMS	29	-15.6	11.8	-47.42	-83.46	-75.3	-8.16	163	155	V
3	2318.5	-62.51	RMS	33.3	-15.6	11.8	-47.58	-80.59	-70	-10.59	44	155	H
4	2319	-62.4	RMS	33.3	-15.6	11.8	-47.58	-80.48	-70	-10.48	228	155	V
5	3692	-65.37	RMS	33.4	-15.6	11.8	-45.05	-80.82	-70	-10.82	330	155	H
6	3695	-65.26	RMS	33.4	-15.6	11.8	-45.15	-80.81	-70	-10.81	273	155	V

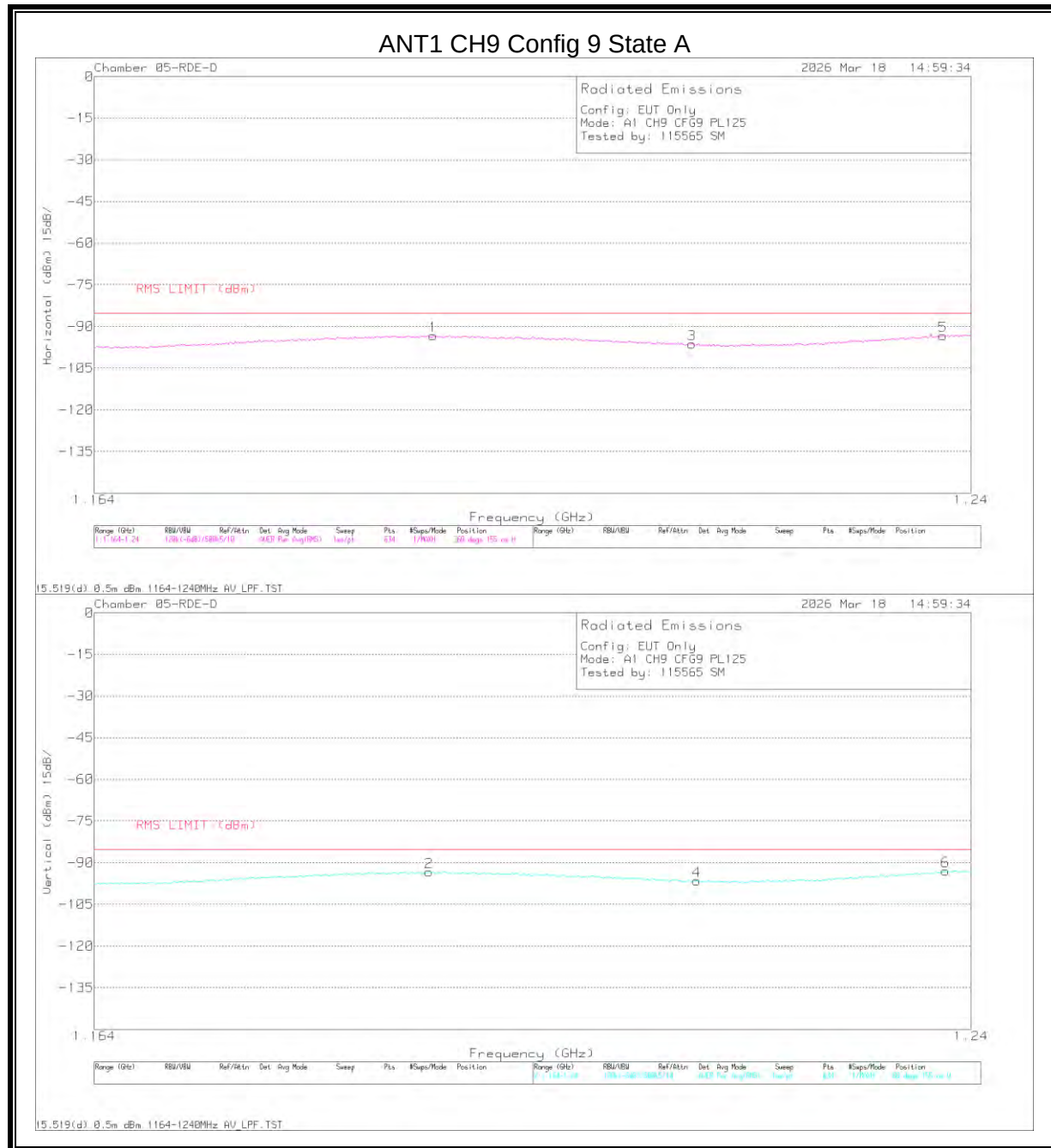
RMS - RMS detection



Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	81887 ACF (dBm)	Dist. Corr. (dB)	Conversion Factor (dB)	Gain/Loss (dB)	Corrected Reading (dBm)	ISED RSS-220 5.3.1 (dBm)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1298	-61.15	RMS	29.7	-15.6	11.8	-47.37	-82.62	-75.3	-7.32	295	155	H
2	1299	-61.13	RMS	29.7	-15.6	11.8	-47.37	-82.6	-75.3	-7.3	1	155	V
3	2378	-62.62	RMS	33.5	-15.6	11.8	-47.46	-80.38	-70	-10.38	185	155	H
4	2380	-62.54	RMS	33.5	-15.6	11.8	-47.45	-80.29	-70	-10.29	44	155	V
5	4432	-64.51	RMS	34.5	-15.6	11.8	-45.29	-79.1	-70	-9.1	360	155	H
6	4431	-64.57	RMS	34.5	-15.6	11.8	-45.3	-79.17	-70	-9.17	132	155	V

RMS - RMS detection

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

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	81887 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	1.192815	-70.65	RMS	29	-15.6	11.8	-47.8	-93.25	-85.3	-7.95	250	155	H
2	1.192455	-70.61	RMS	28.9	-15.6	11.8	-47.81	-93.32	-85.3	-8.02	66	155	V
3	1.215267	-73.93	RMS	29.2	-15.6	11.8	-47.8	-96.33	-85.3	-11.03	360	155	H
4	1.215687	-74.16	RMS	29.2	-15.6	11.8	-47.8	-96.56	-85.3	-11.26	22	155	V
5	1.237479	-71.41	RMS	29.5	-15.6	11.8	-47.65	-93.36	-85.3	-8.06	163	155	H
6	1.237719	-70.96	RMS	29.5	-15.6	11.8	-47.65	-92.91	-85.3	-7.61	110	155	V

RMS - RMS detection



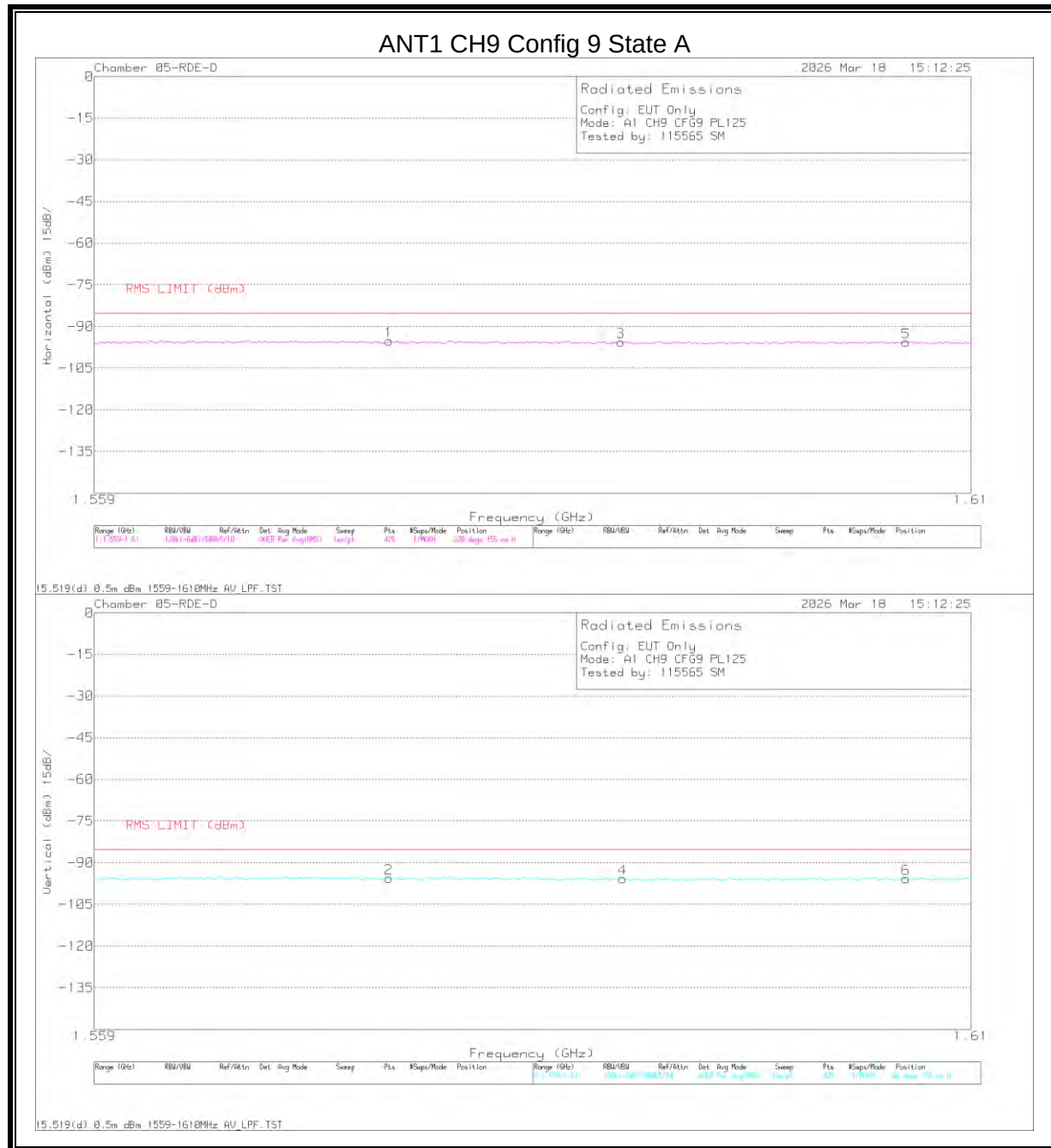
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	81887 ACF (dB/m)	Dist. Corr. (dB)	Conversion Factor (dB)	Gain/Loss (dB)	Corrected Reading (dBm)	RMS LIMIT (dBm)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.18225	-71.41	RMS	28.8	-15.6	11.8	-47.83	-94.24	-85.3	-8.94	198	155	H
2	1.18237	-71.03	RMS	28.8	-15.6	11.8	-47.83	-93.86	-85.3	-8.56	339	155	V
3	1.206862	-72.38	RMS	29.1	-15.6	11.8	-47.83	-94.91	-85.3	-9.61	154	155	H
4	1.206502	-72.36	RMS	29.1	-15.6	11.8	-47.83	-94.89	-85.3	-9.59	31	155	V
5	1.231355	-72.59	RMS	29.4	-15.6	11.8	-47.69	-94.68	-85.3	-9.38	132	155	H
6	1.231355	-72.6	RMS	29.4	-15.6	11.8	-47.69	-94.69	-85.3	-9.39	140	155	V

Page 57 of 122



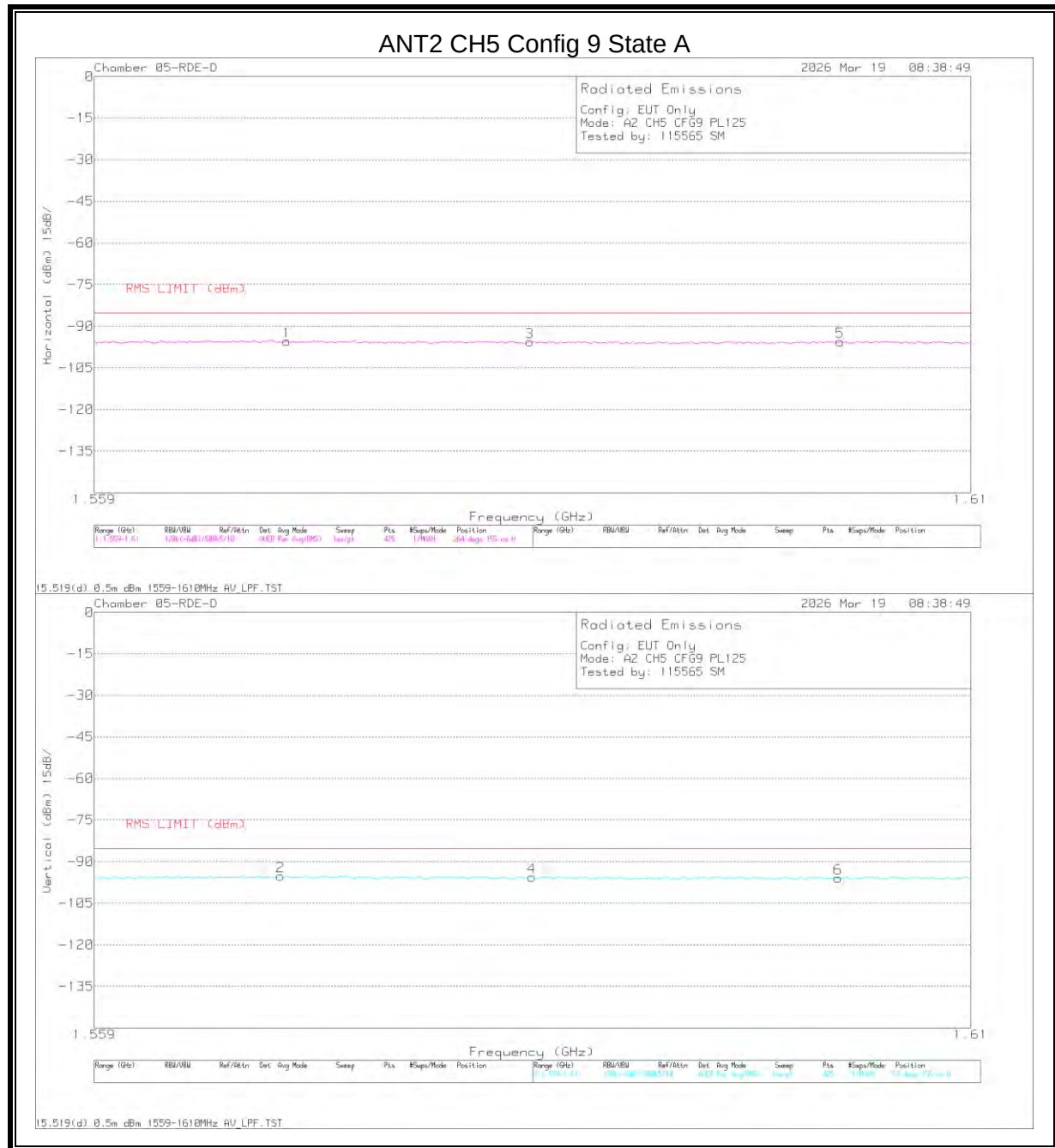
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	81887 ACF (dB/m)	Dist. Corr. (dB)	Conversion Factor (dB)	Gain/Loss (dB)	Corrected Reading (dBm)	RMS LIMIT (dBm)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.18297	-71.67	RMS	28.8	-15.6	11.8	-47.83	-94.5	-85.3	-9.2	163	155	H
2	1.18297	-71.55	RMS	28.8	-15.6	11.8	-47.83	-94.38	-85.3	-9.08	66	155	V
3	1.20302	-71.14	RMS	29.1	-15.6	11.8	-47.84	-93.68	-85.3	-8.38	140	155	H
4	1.203141	-71.55	RMS	29.1	-15.6	11.8	-47.84	-94.09	-85.3	-8.79	308	155	V
5	1.228474	-73.16	RMS	29.4	-15.6	11.8	-47.73	-95.29	-85.3	-9.99	273	155	H
6	1.228834	-73.01	RMS	29.4	-15.6	11.8	-47.73	-95.14	-85.3	-9.84	88	155	V

RMS - RMS detection

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

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	81887 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	1.57596	-72.41	RMS	28.4	-15.6	11.8	-47.32	-95.13	-85.3	-9.83	119	155	H
2	1.57596	-72.87	RMS	28.4	-15.6	11.8	-47.32	-95.59	-85.3	-10.29	308	155	V
3	1.589432	-72.99	RMS	28.5	-15.6	11.8	-47.3	-95.59	-85.3	-10.29	185	155	H
4	1.589552	-73.16	RMS	28.5	-15.6	11.8	-47.31	-95.77	-85.3	-10.47	154	155	V
5	1.606151	-73.12	RMS	28.7	-15.6	11.8	-47.43	-95.65	-85.3	-10.35	162	155	H
6	1.606151	-73.24	RMS	28.7	-15.6	11.8	-47.43	-95.77	-85.3	-10.47	154	155	V

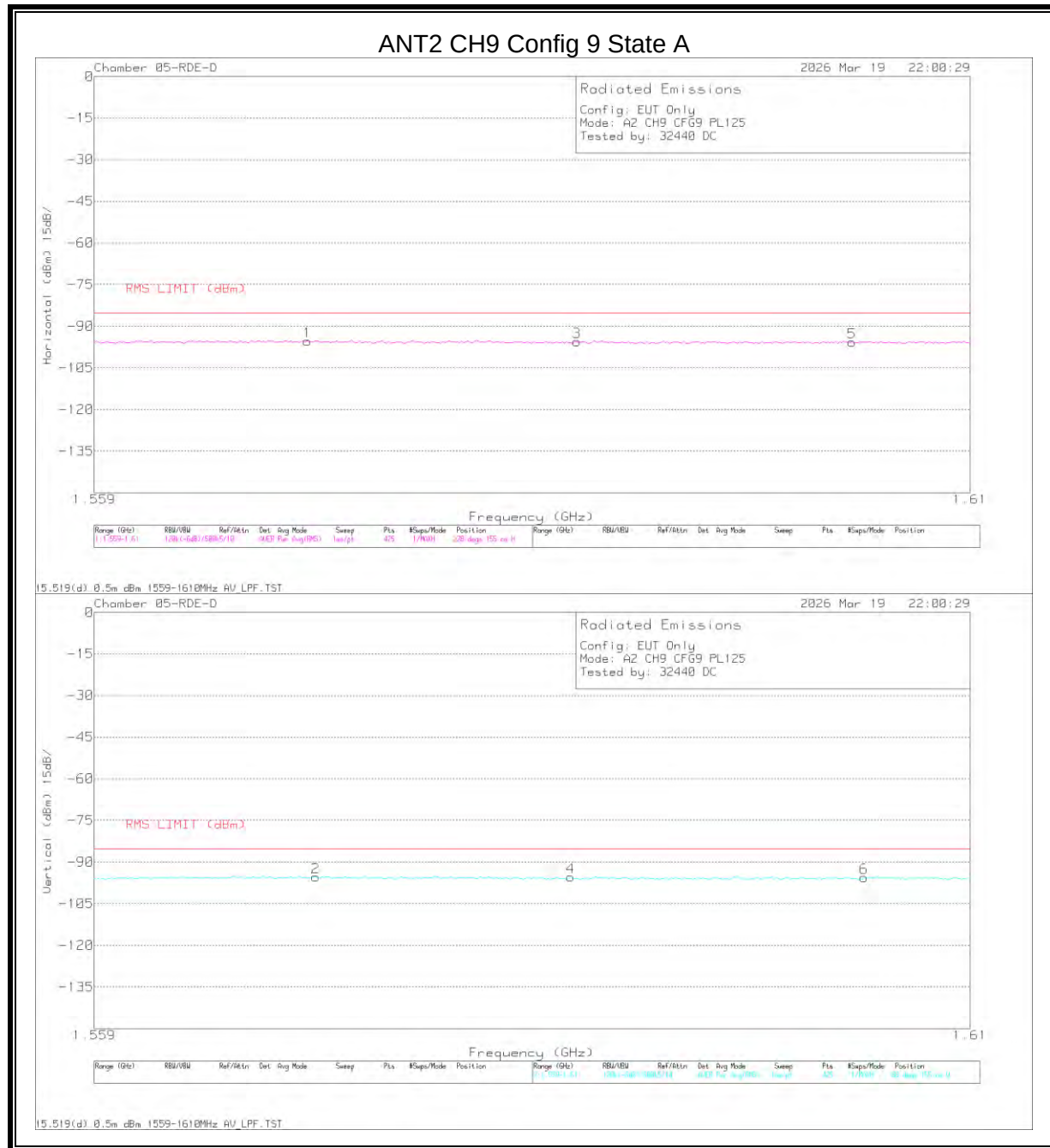
RMS - RMS detection



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	81887 ACF (dB/m)	Dist. Corr. (dB)	Conversion Factor (dB)	Gain/Loss (dB)	Corrected Reading (dBm)	RMS LIMIT	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.570066	-72.75	RMS	28.4	-15.6	11.8	-47.3	-95.45	-85.3	-10.15	242	155	H
2	1.569705	-72.55	RMS	28.4	-15.6	11.8	-47.3	-95.25	-85.3	-9.95	207	155	V
3	1.584139	-73.07	RMS	28.5	-15.6	11.8	-47.28	-95.65	-85.3	-10.35	110	155	H
4	1.584259	-72.95	RMS	28.5	-15.6	11.8	-47.28	-95.53	-85.3	-10.23	272	155	V
5	1.602302	-72.95	RMS	28.6	-15.6	11.8	-47.39	-95.54	-85.3	-10.24	198	155	H
6	1.602182	-73.3	RMS	28.6	-15.6	11.8	-47.39	-95.89	-85.3	-10.59	118	155	V

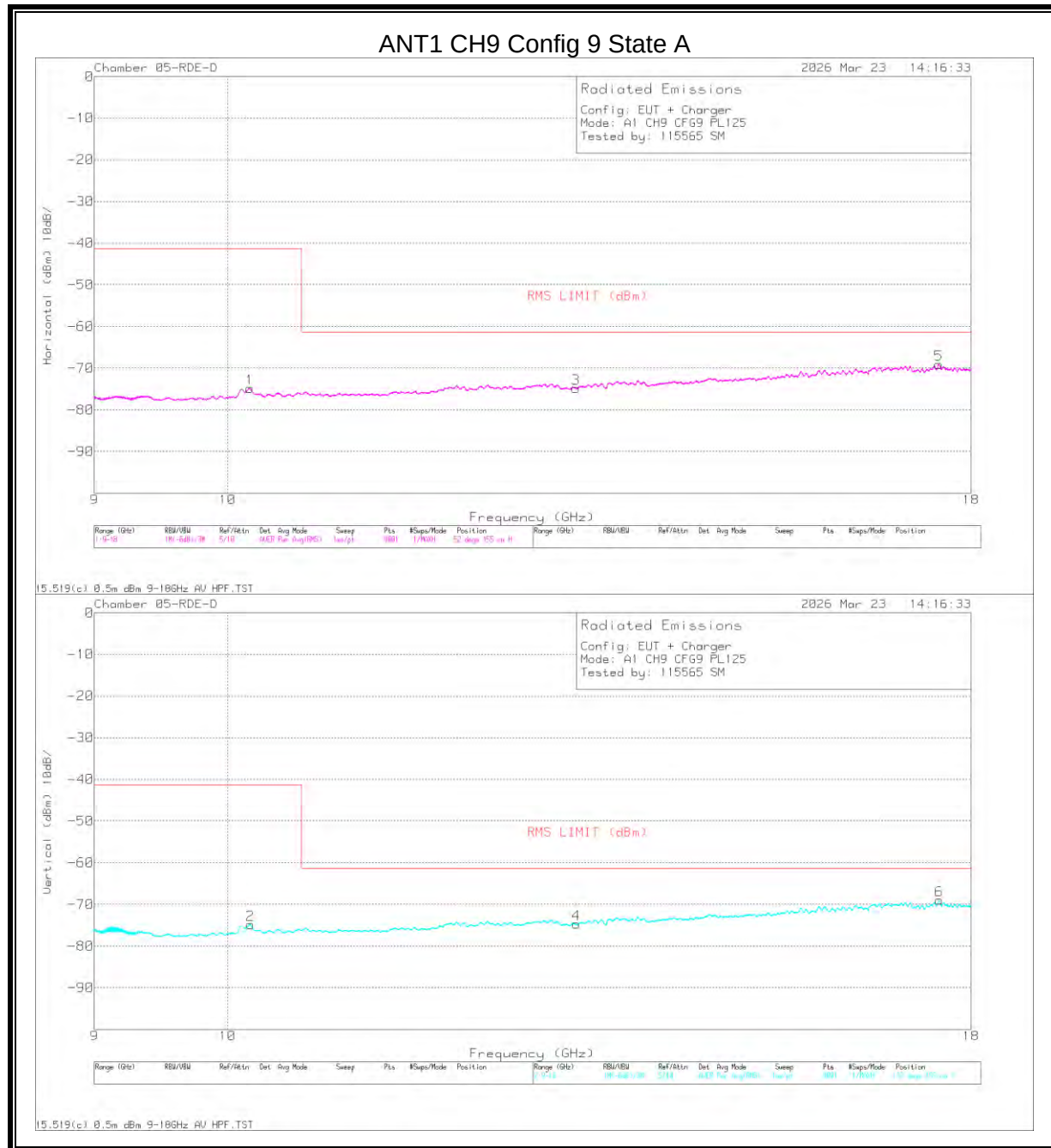
RMS - RMS detection



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	81887 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	1.571269	-72.62	RMS	28.4	-15.6	11.8	-47.29	-95.31	-85.3	-10.01	52	155	H
2	1.57175	-72.64	RMS	28.4	-15.6	11.8	-47.3	-95.34	-85.3	-10.04	242	155	V
3	1.586906	-72.95	RMS	28.5	-15.6	11.8	-47.3	-95.55	-85.3	-10.25	75	155	H
4	1.586545	-72.74	RMS	28.5	-15.6	11.8	-47.3	-95.34	-85.3	-10.04	66	155	V
5	1.603024	-73.08	RMS	28.6	-15.6	11.8	-47.39	-95.67	-85.3	-10.37	339	155	H
6	1.603745	-73.02	RMS	28.7	-15.6	11.8	-47.39	-95.51	-85.3	-10.21	66	155	V

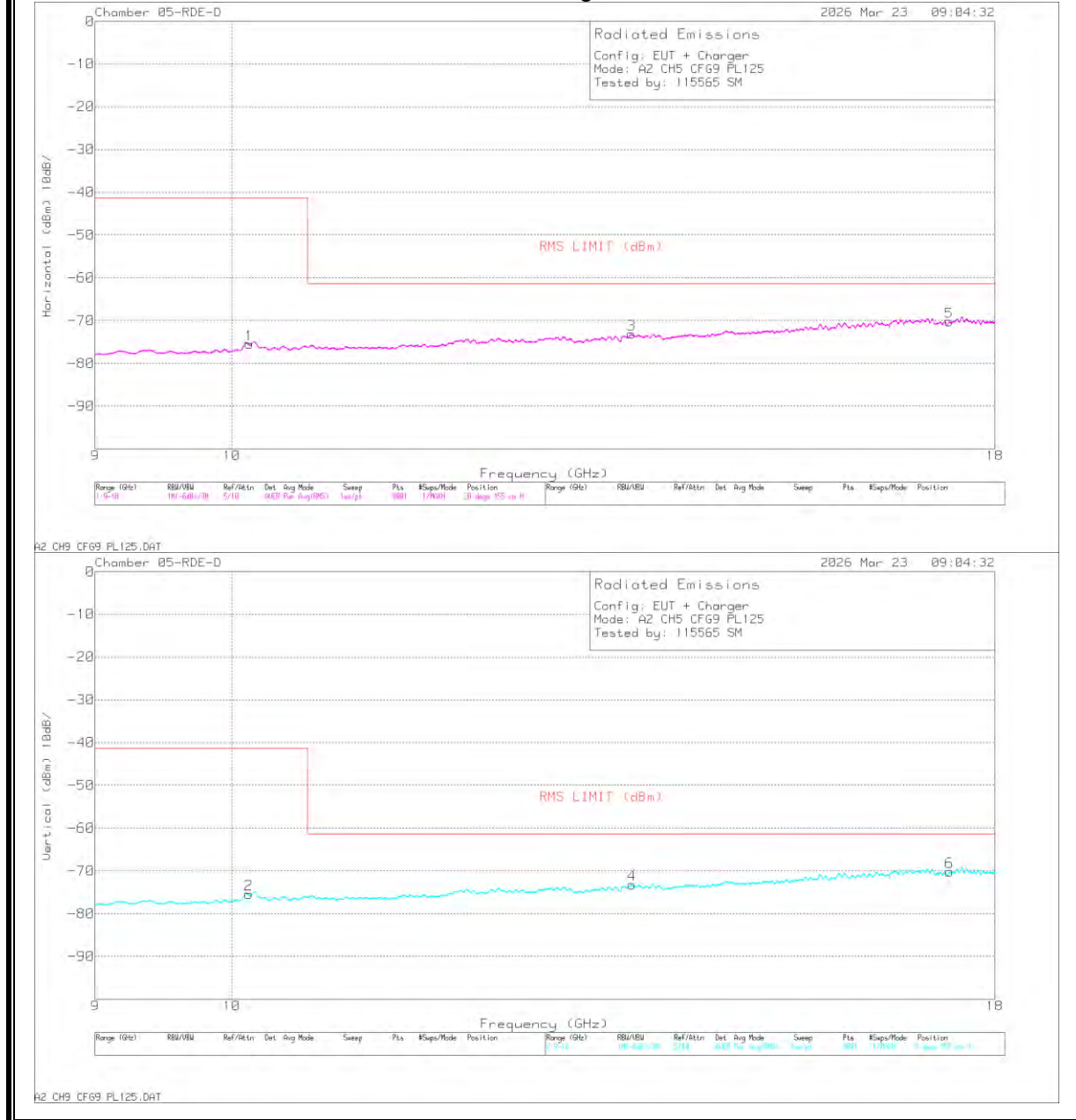
RMS - RMS detection

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

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	81887 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	10.179	-67.22	RMS	37.2	-15.6	11.8	-41.04	-74.86	-41.3	-33.56	52	155	H
2	10.18	-67.2	RMS	37.2	-15.6	11.8	-41.08	-74.88	-41.3	-33.58	308	155	V
3	13.17	-68.4	RMS	39	-15.6	11.8	-41.6	-74.8	-61.3	-13.5	251	155	H
4	13.173	-68.28	RMS	39	-15.6	11.8	-41.66	-74.74	-61.3	-13.44	132	155	V
5	17.548	-68.02	RMS	41.6	-15.6	11.8	-38.82	-69.04	-61.3	-7.74	273	155	H
6	17.551	-67.85	RMS	41.6	-15.6	11.8	-38.91	-68.96	-61.3	-7.66	176	155	V

RMS - RMS detection

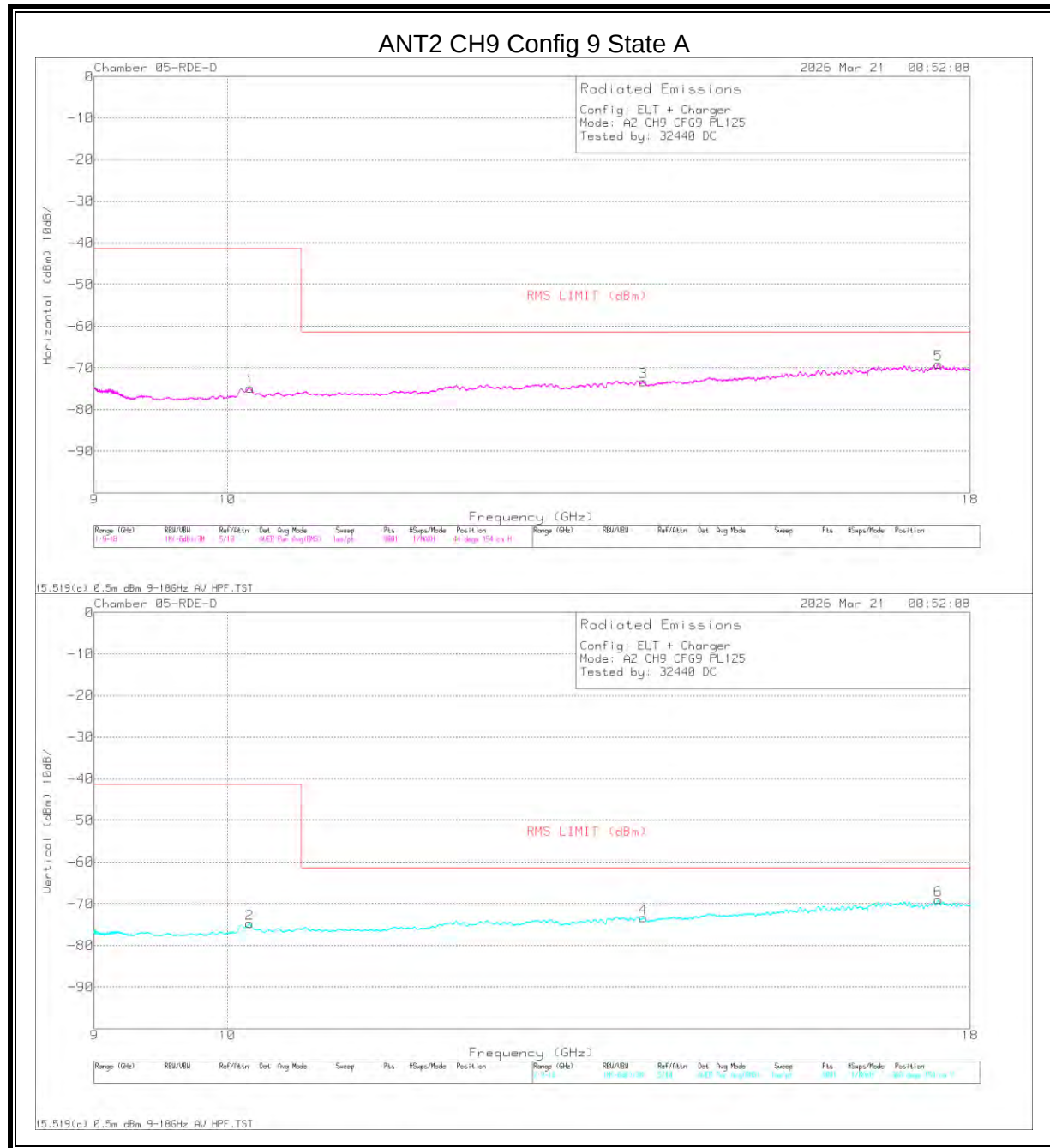
ANT2 CH5 Config 9 State A



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	81887 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	10.137	-66.59	RMS	37.2	-15.6	11.8	-42.35	-75.54	-41.3	-34.24	251	155	H
2	10.131	-66.78	RMS	37.2	-15.6	11.8	-42.13	-75.51	-41.3	-34.21	0	155	V
3	13.605	-66.53	RMS	38.9	-15.6	11.8	-41.73	-73.16	-61.3	-11.86	74	155	H
4	13.608	-66.58	RMS	38.9	-15.6	11.8	-41.72	-73.2	-61.3	-11.9	176	155	V
5	17.377	-67.78	RMS	41.4	-15.6	11.8	-40.09	-70.27	-61.3	-8.97	228	155	H
6	17.38	-67.65	RMS	41.4	-15.6	11.8	-40.15	-70.2	-61.3	-8.9	198	155	V

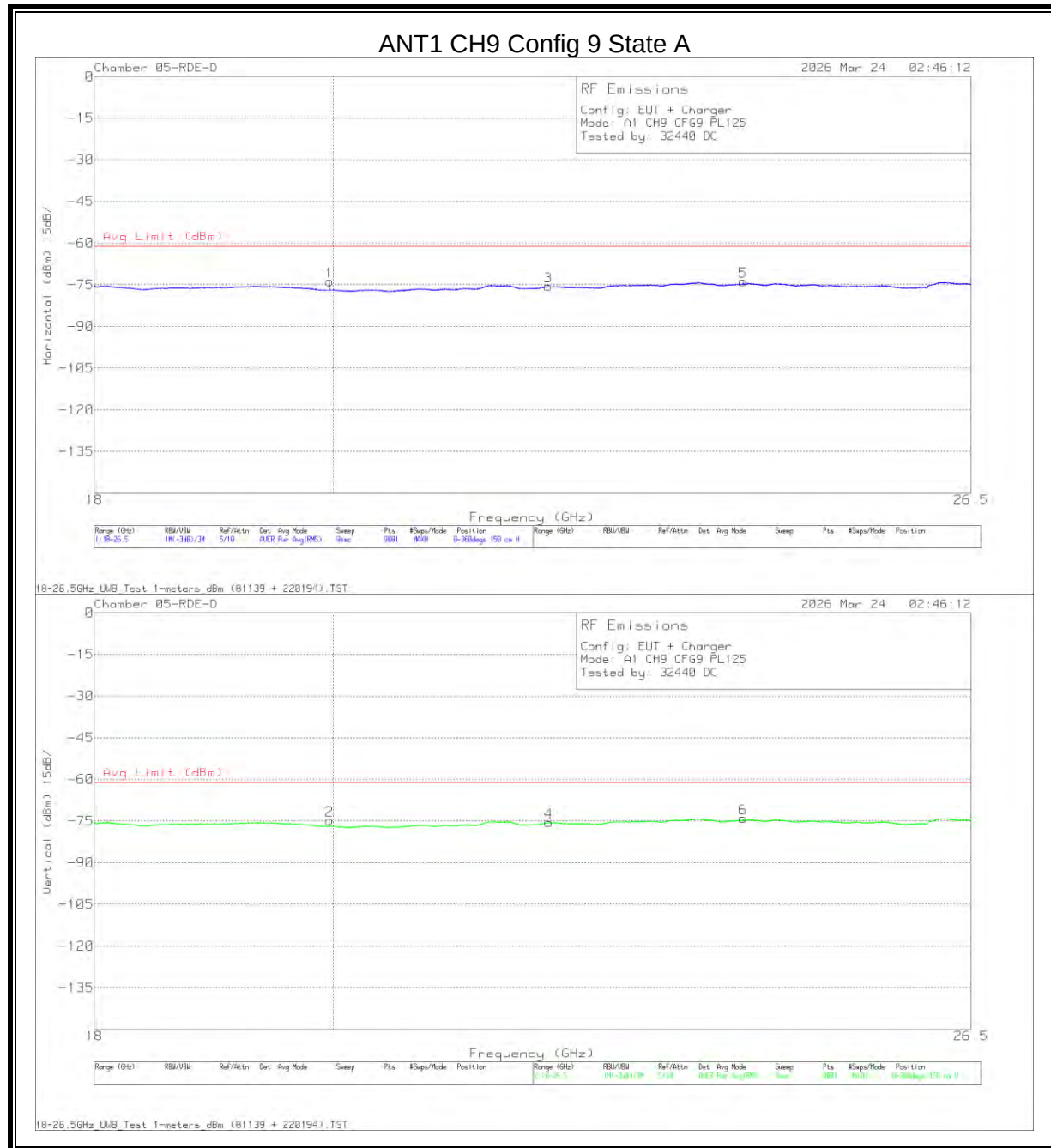
RMS - RMS detection



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	81887 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	10.181	-67.1	RMS	37.2	-15.6	11.8	-41.11	-74.81	-41.3	-33.51	88	154	H
2	10.178	-67.13	RMS	37.2	-15.6	11.8	-41.05	-74.78	-41.3	-33.48	207	154	V
3	13.901	-66.6	RMS	38.9	-15.6	11.8	-41.85	-73.35	-61.3	-12.05	286	154	H
4	13.9	-66.54	RMS	38.9	-15.6	11.8	-41.97	-73.41	-61.3	-12.11	52	154	V
5	17.55	-68.04	RMS	41.6	-15.6	11.8	-38.88	-69.12	-61.3	-7.82	1	154	H
6	17.55	-67.95	RMS	41.6	-15.6	11.8	-38.88	-69.03	-61.3	-7.73	273	154	V

RMS - RMS detection

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

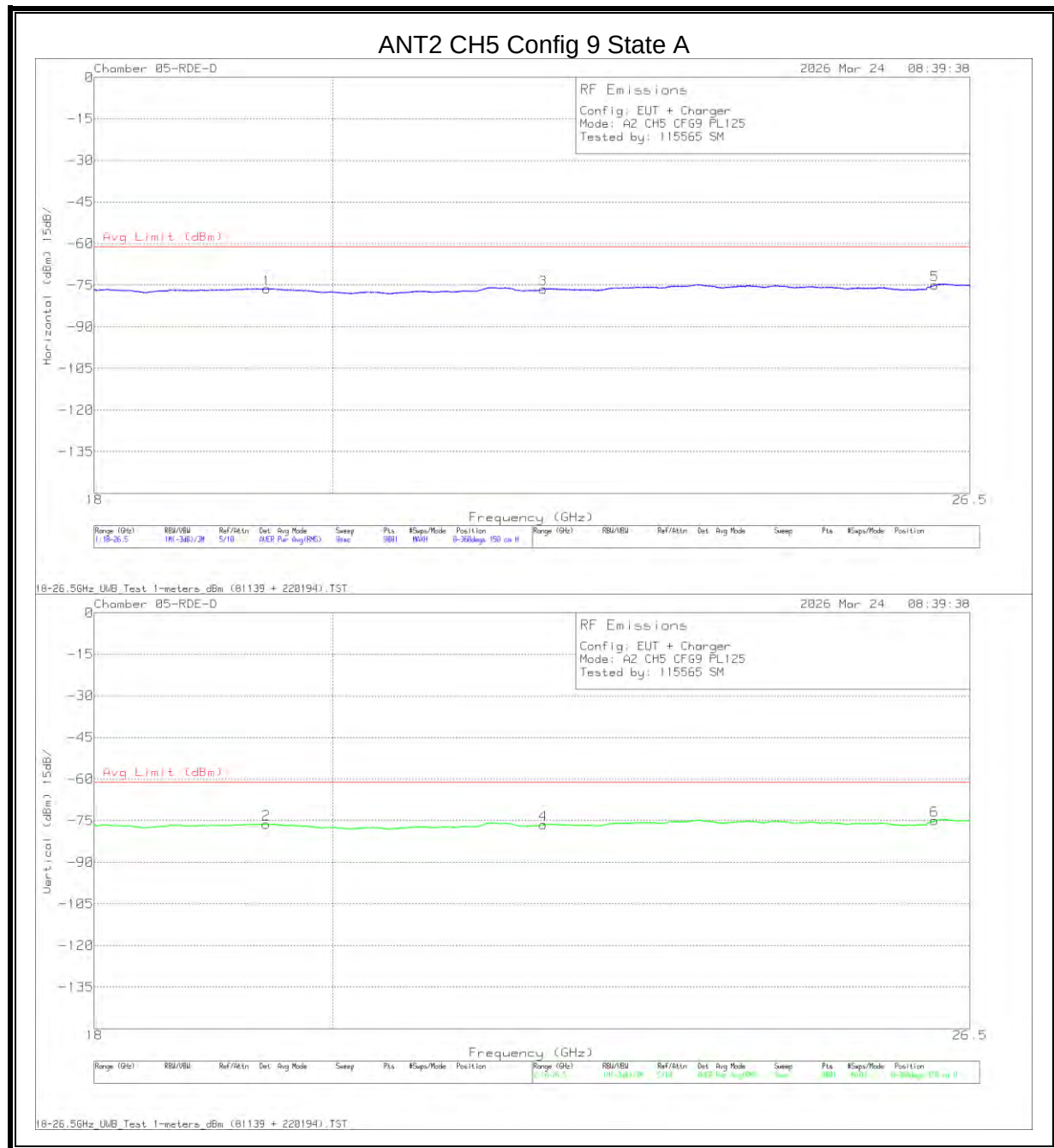
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	81139 ACF (dBm)	CBL/AMP (dB)	Cables (dB)	Dist Corr (dB)	Conv. Fact. (dB)	Corrected Reading (dBm)	Avg Limit (dBm)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	19.967277	-62.64	RMS	33.3	-62.4	15.7	-9.5	11.8	-73.74	-61.3	-12.44	0-360	150	H
2	19.967277	-63.59	RMS	33.3	-62.4	15.7	-9.5	11.8	-74.69	-61.3	-13.39	0-360	150	V
3	21.99122	-65.85	RMS	33.9	-62.3	16.4	-9.5	11.8	-75.55	-61.3	-14.25	0-360	150	H
4	21.997831	-65.82	RMS	33.9	-62.3	16.4	-9.5	11.8	-75.52	-61.3	-14.22	0-360	150	V
5	23.962275	-64.83	RMS	34.4	-62.8	17.1	-9.5	11.8	-73.83	-61.3	-12.53	0-360	150	H
6	23.961331	-65.03	RMS	34.4	-62.8	17.1	-9.5	11.8	-74.03	-61.3	-12.73	0-360	150	V

RMS - RMS detection

Radiated Emissions

Frequency (GHz)	Meter Reading (dBm)	Det	81139 ACF (dBm)	CBL/AMP (dB)	Cables (dB)	Dist Corr (dB)	Conv. Fact. (dB)	Corrected Reading (dBm)	Avg Limit (dBm)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
19.968277	-61.57	RMS	33.3	-62.4	15.7	-9.5	11.8	-72.67	-61.3	-11.37	238	150	H
19.968277	-62.36	RMS	33.3	-62.4	15.7	-9.5	11.8	-73.46	-61.3	-12.16	275	150	V
23.961275	-65.55	RMS	34.4	-62.8	17.1	-9.5	11.8	-74.55	-61.3	-13.25	277	150	H
23.961331	-65.71	RMS	34.4	-62.8	17.1	-9.5	11.8	-74.71	-61.3	-13.41	322	150	V

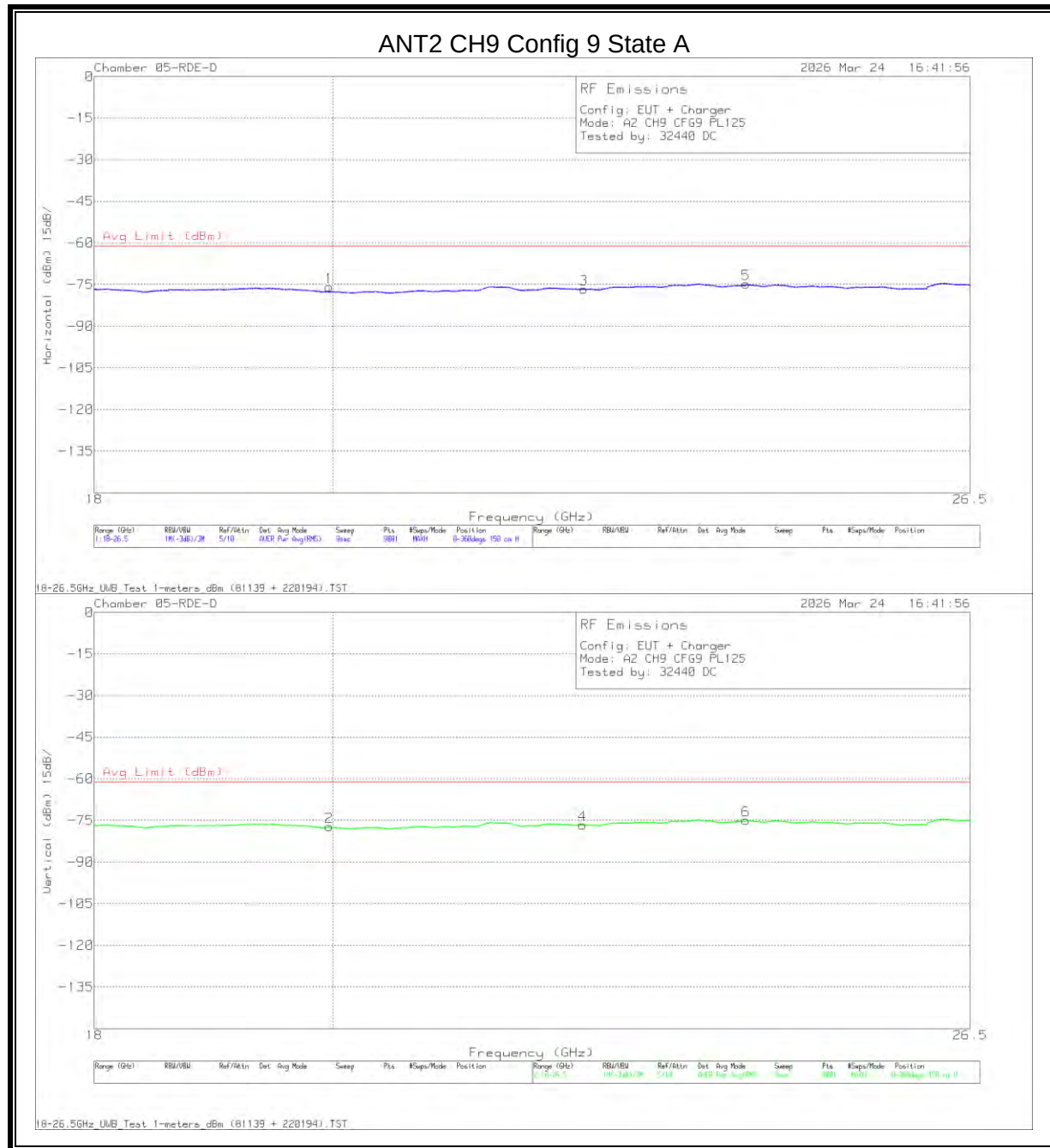
RMS - RMS detection



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	81139 ACF (dBm)	CBL/AMP (dB)	Cables (dB)	Dist Corr (dB)	Conv. Fact. (dB)	Corrected Reading (dBm)	Avg Limit (dBm)	Margin (dB)	Azimuth (Deg)	Height (cm)	Polarity
1	19.42611	-64.91	RMS	33.3	-62.4	15.4	-9.5	11.8	-76.31	-61.3	-15.01	0-360	150	H
2	19.420444	-64.81	RMS	33.3	-62.4	15.4	-9.5	11.8	-76.21	-61.3	-14.91	0-360	150	V
3	21.947776	-66.49	RMS	33.7	-62.3	16.3	-9.5	11.8	-76.49	-61.3	-15.19	0-360	150	H
4	21.947776	-66.4	RMS	33.7	-62.3	16.3	-9.5	11.8	-76.4	-61.3	-15.1	0-360	150	V
5	26.091996	-67.85	RMS	35.3	-62.7	18	-9.5	11.8	-74.95	-61.3	-13.65	0-360	150	H
6	26.091052	-67.87	RMS	35.3	-62.7	18	-9.5	11.8	-74.97	-61.3	-13.67	0-360	150	V

RMS - RMS detection



Trace Markers

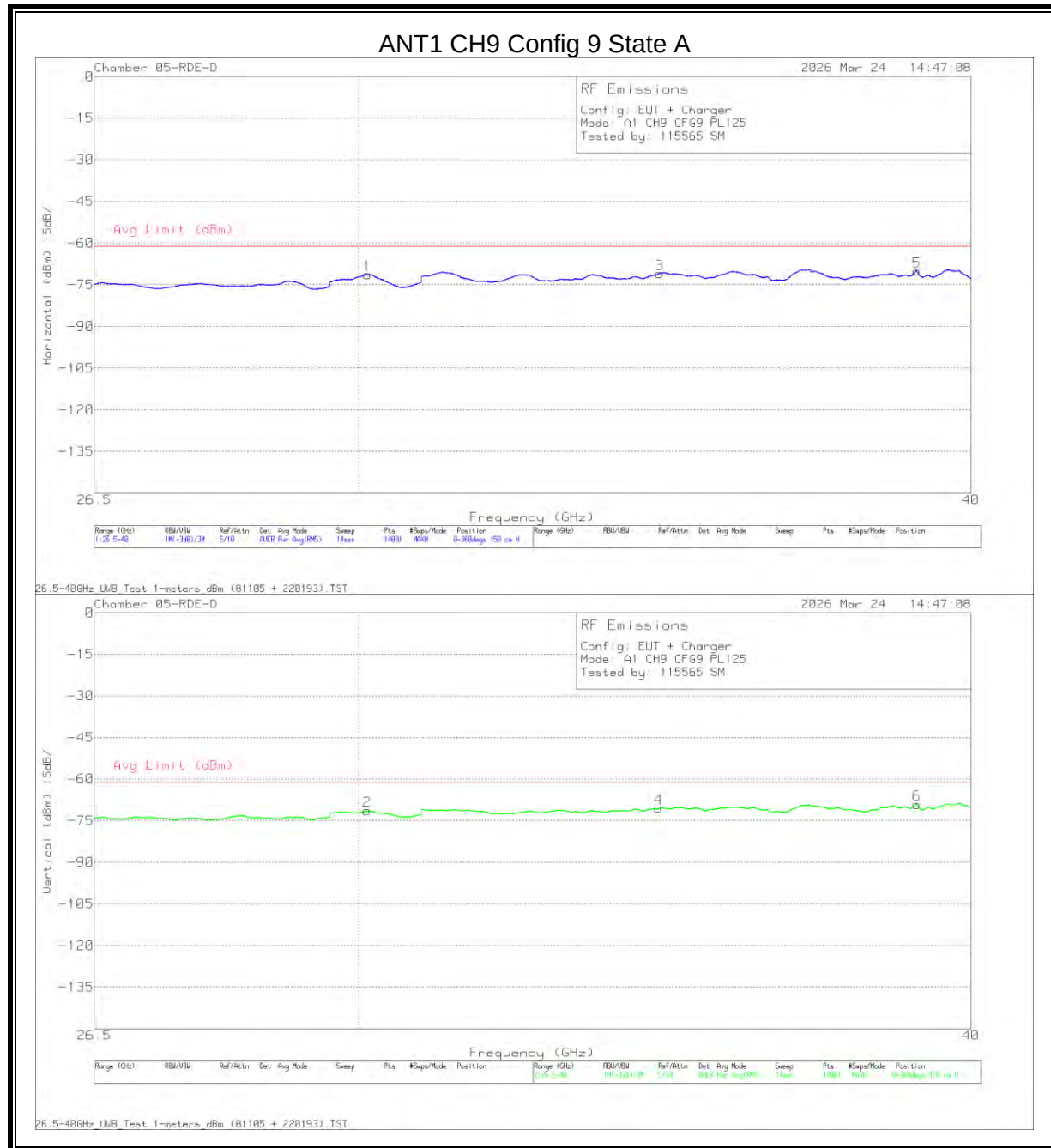
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	81139 ACF (dBm)	CBL/AMP (dB)	Cables (dB)	Dist Corr (dB)	Conv. Fact. (dB)	Corrected Reading (dBm)	Avg Limit (dBm)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	19.967277	-64.71	RMS	33.3	-62.4	15.7	-9.5	11.8	-75.81	-61.3	-14.51	0-360	150	H
2	19.968221	-66.05	RMS	33.3	-62.4	15.7	-9.5	11.8	-77.15	-61.3	-15.85	0-360	150	V
3	22.344442	-66.98	RMS	34	-62.4	16.5	-9.5	11.8	-76.58	-61.3	-15.28	0-360	150	H
4	22.330276	-66.99	RMS	34	-62.4	16.5	-9.5	11.8	-76.59	-61.3	-15.29	0-360	150	V
5	24.000953	-65.94	RMS	34.4	-62.7	17.1	-9.5	11.8	-74.74	-61.3	-13.44	0-360	150	H
6	24.001942	-66	RMS	34.4	-62.7	17.1	-9.5	11.8	-74.9	-61.3	-13.6	0-360	150	V

RMS - RMS detection

Radiated Emissions

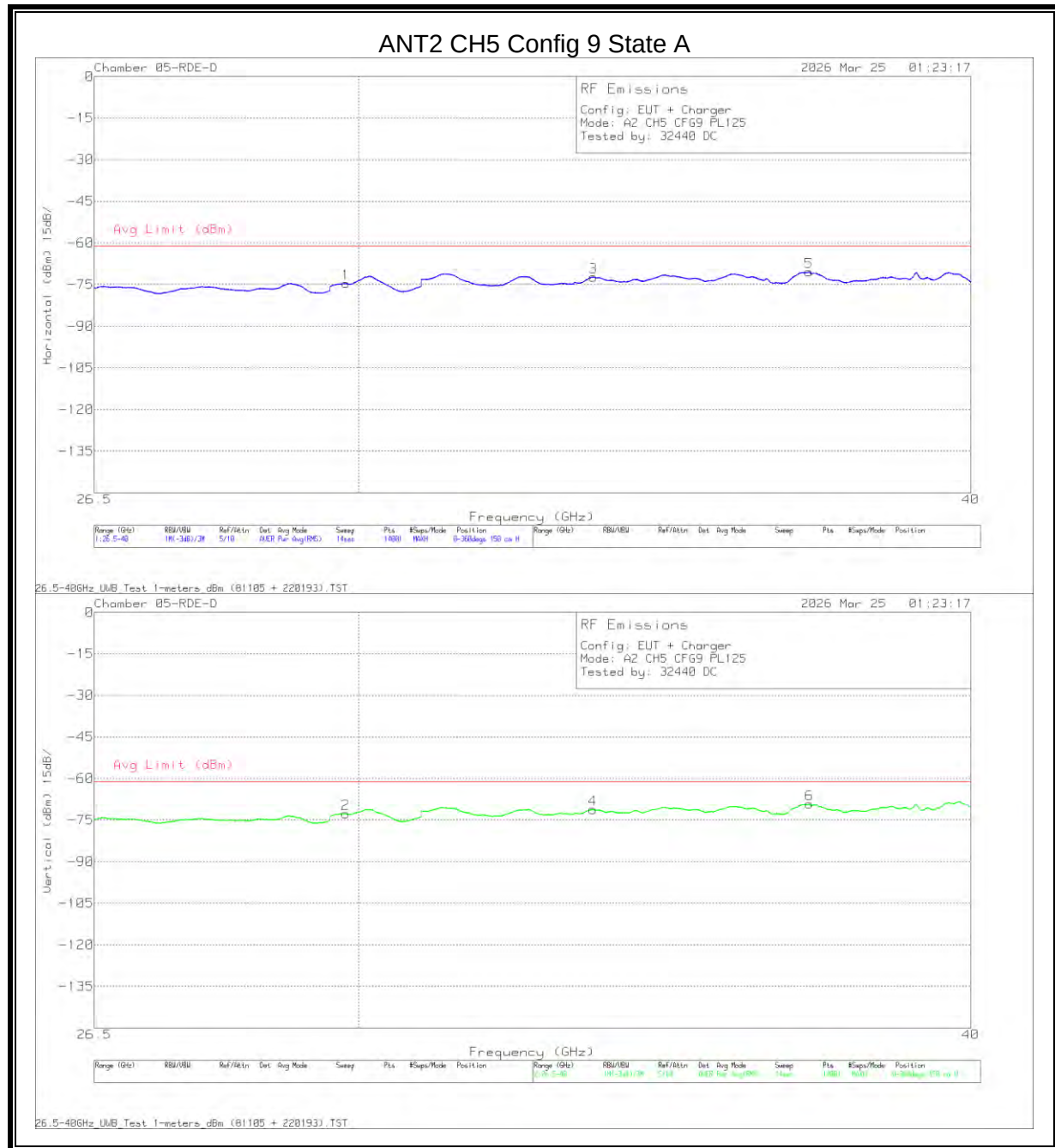
Frequency (GHz)	Meter Reading (dBm)	Det	81139 ACF (dBm)	CBL/AMP (dB)	Cables (dB)	Dist Corr (dB)	Conv. Fact. (dB)	Corrected Reading (dBm)	Avg Limit (dBm)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
19.968221	-65.41	RMS	33.3	-62.4	15.7	-9.5	11.8	-76.51	-61.3	-15.21	59	150	V
19.968277	-65.43	RMS	33.3	-62.4	15.7	-9.5	11.8	-76.53	-61.3	-15.23	21	150	H
23.961453	-66.74	RMS	34.4	-62.8	17.1	-9.5	11.8	-75.74	-61.3	-14.44	29	150	H
24.007942	-67.02	RMS	34.4	-62.7	17.1	-9.5	11.8	-75.92	-61.3	-14.62	198	150	V

RMS - RMS detection

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

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	81185 ACF (dBm)	CBL/AMP (dB)	Dist Corr (dB)	Conversion Factor (dB)	Cables (dB)	Corrected Reading (dBm)	Avg Limit (dBm)	Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
1	30.130537	-66.97	RMS	37.2	-63.5	-9.5	11.8	19.7	-71.27	-61.3	-9.97	0-360	150	H
2	30.11993	-67.08	RMS	37.2	-63.5	-9.5	11.8	19.7	-71.38	-61.3	-10.08	0-360	150	V
3	34.55661	-67.61	RMS	38.1	-65	-9.5	11.8	21.3	-70.91	-61.3	-9.61	0-360	150	H
4	34.54311	-67.09	RMS	38.1	-65	-9.5	11.8	21.3	-70.39	-61.3	-9.09	0-360	150	V
5	38.996182	-70.02	RMS	38.9	-64.1	-9.5	11.8	22.8	-70.12	-61.3	-8.82	0-360	150	H
6	38.996218	-69.04	RMS	38.9	-64.1	-9.5	11.8	22.8	-69.14	-61.3	-7.84	0-360	150	V

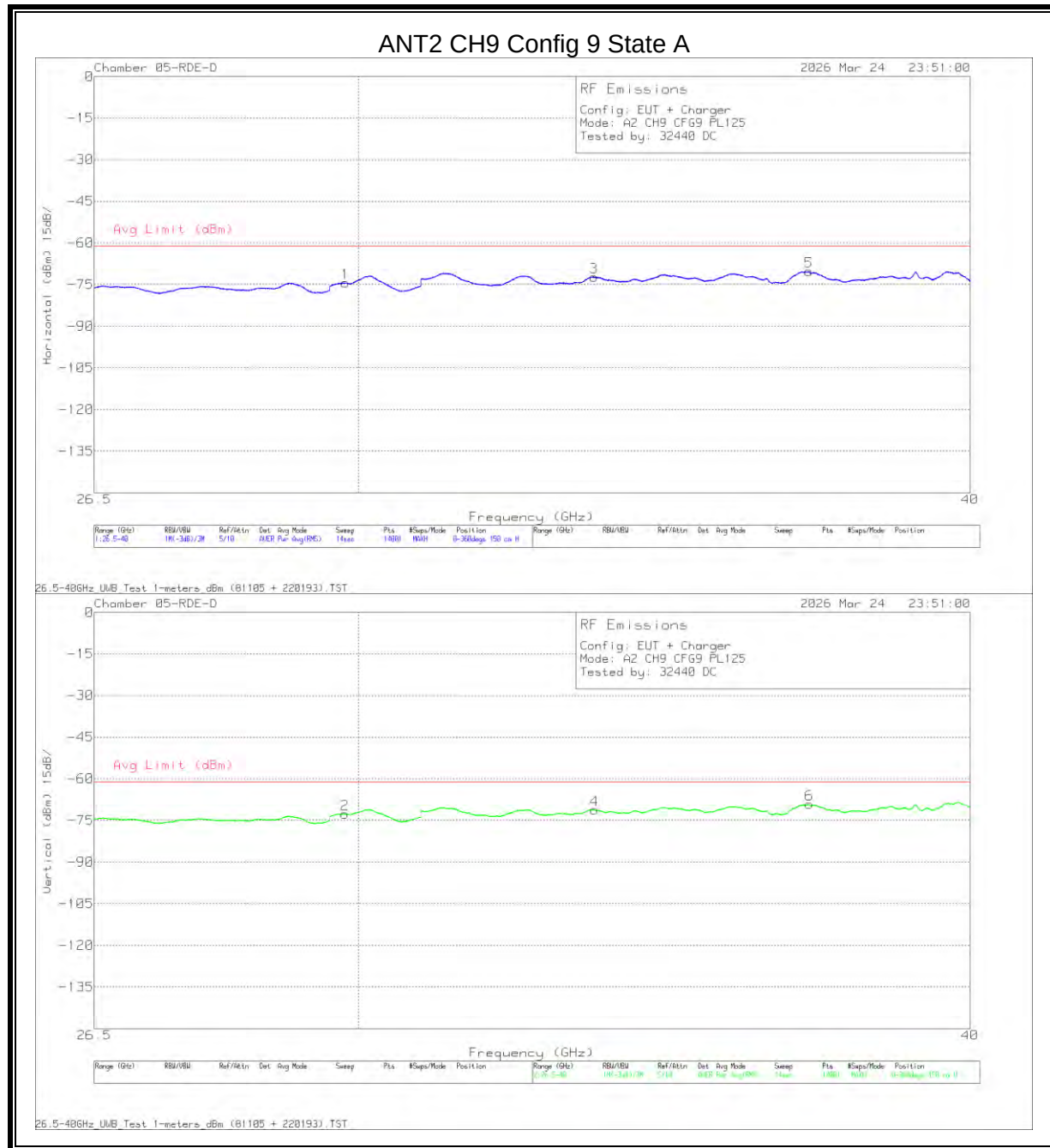
RMS - RMS detection



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	81106 ACF (dBm)	CBL/AMP (dB)	Dist Corr (dB)	Conversion Factor (dB)	Cables (dB)	Corrected Reading (dBm)	Avg Limit (dBm)	Margin (dB)	Altitude (feet)	Height (cm)	Polarity
1	29.823894	-69.42	RMS	36.9	-63.9	-9.5	11.8	19.6	-74.52	-61.3	-13.22	0-360	150	H
2	29.821001	-67.51	RMS	36.9	-63.9	-9.5	11.8	19.6	-72.61	-61.3	-11.31	0-360	150	V
3	33.498788	-69.4	RMS	37.9	-64	-9.5	11.8	20.9	-72.3	-61.3	-11	0-360	150	H
4	33.492038	-68.2	RMS	37.9	-64	-9.5	11.8	20.9	-71.1	-61.3	-9.8	0-360	150	V
5	37.066646	-68.1	RMS	38.4	-65	-9.5	11.8	22	-70.4	-61.3	-9.1	0-360	150	H
6	37.076289	-66.87	RMS	38.4	-65	-9.5	11.8	22	-69.17	-61.3	-7.87	0-360	150	V

RMS - RMS detection



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	8125 ACF (dBm)	CBL/AMP (dB)	Dist Cor (dB)	Conversion Factor (dB)	Cables (dB)	Corrected Reading (dBm)	Avg Limit (dBm)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	29.817144	-69.23	RMS	36.9	-63.9	-9.5	11.8	19.6	-74.33	-61.3	-13.03	0-360	150	H
2	29.814251	-67.52	RMS	36.9	-63.9	-9.5	11.8	19.6	-72.62	-61.3	-11.32	0-360	150	V
3	33.517109	-69.3	RMS	37.9	-64	-9.5	11.8	20.9	-72.2	-61.3	-10.9	0-360	150	H
4	33.525788	-68.3	RMS	37.9	-64	-9.5	11.8	20.9	-71.2	-61.3	-9.9	0-360	150	V
5	37.08111	-67.02	RMS	38.4	-65	-9.5	11.8	22	-70.22	-61.3	-8.92	0-360	150	H
6	37.085932	-66.96	RMS	38.4	-64.9	-9.5	11.8	22	-69.16	-61.3	-7.86	0-360	150	V

RMS - RMS detection

STATE B**9.7. 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: 32440, 111533

Location: 05-RDE-B

Test Date: 6/04/26 – 6/24/26

ANT1, CH9

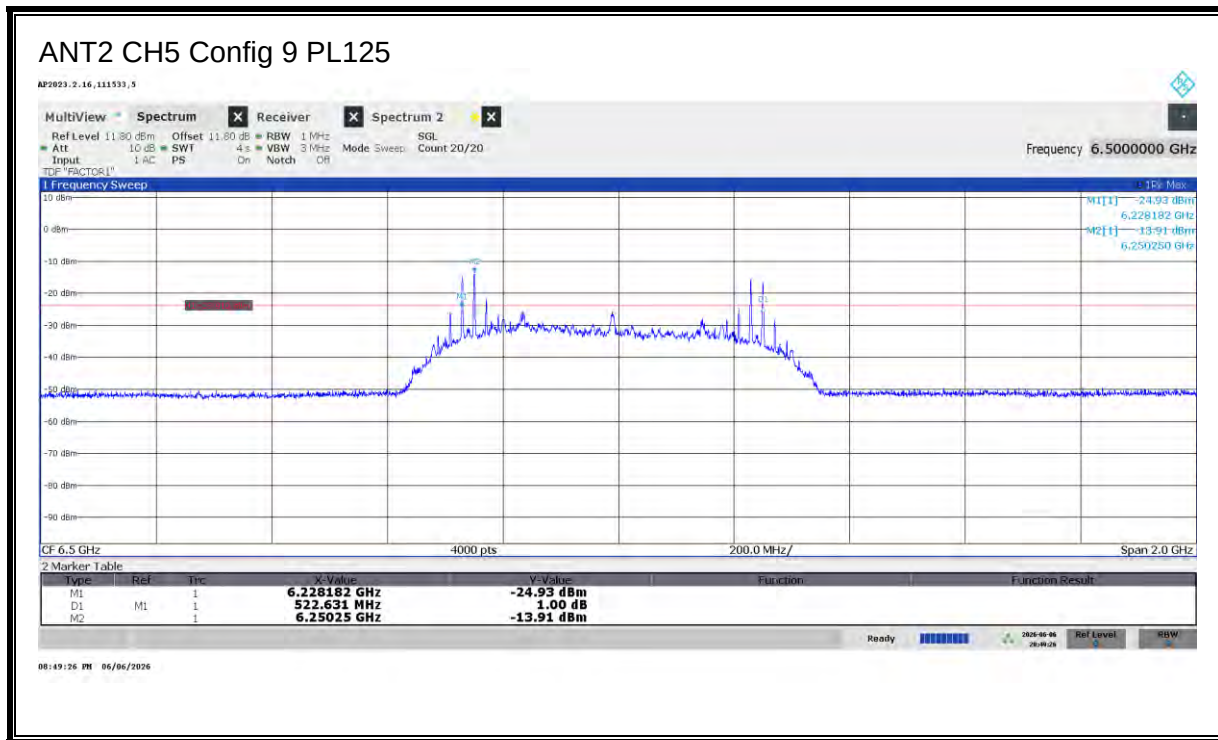
ANT	CH	CF	PL	EUT Orientation	Ant. Polarity	FM (GHz)	FL (GHz)	FH (GHz)	FC (GHz)	OBW (MHz)	Min. OBW (MHz)	OBW Margin (MHz)	OBW Pass/Fail
1	9	0	25	Landscape Cam Down	H	7.7483	7.7242	8.2493	7.9867	525.131	500	25.131	P
1	9	1	45	Landscape Cam Down	H	7.7483	7.7242	8.2493	7.9867	525.131	500	25.131	P
1	9	6	125	Landscape Cam Down	H	7.7478	7.7252	8.2488	7.9870	523.631	500	23.631	P
1	9	7	65	Landscape Cam Down	H	7.7483	7.7252	8.2488	7.9870	523.631	500	23.631	P
1	9	9	65	Landscape Cam Down	H	7.7483	7.7257	8.2483	7.9870	522.631	500	22.631	P
1	9	9	125	Landscape Cam Down	H	7.7478	7.7257	8.2483	7.9870	522.631	500	22.631	P
1	9	10	25	Landscape Cam Down	H	7.7483	7.7242	8.2493	7.9867	525.131	500	25.131	P
1	9	11	25	Landscape Cam Down	H	7.7483	7.7242	8.2493	7.9867	525.131	500	25.131	P
1	9	11	65	Landscape Cam Down	H	7.7483	7.7242	8.2493	7.9867	525.131	500	25.131	P
1	9	16	65	Landscape Cam Down	H	7.7483	7.7257	8.2483	7.9870	522.631	500	22.631	P
1	9	101	25	Landscape Cam Down	H	7.7483	7.7242	8.2488	7.9865	524.631	500	24.631	P
1	9	101	65	Landscape Cam Down	H	7.7483	7.7242	8.2488	7.9865	524.631	500	24.631	P
1	9	102	25	Landscape Cam Down	H	7.7483	7.7242	8.2493	7.9867	525.131	500	25.131	P
1	9	102	65	Landscape Cam Down	H	7.7483	7.7242	8.2493	7.9867	525.131	500	25.131	P
1	9	103	25	Landscape Cam Down	H	7.7483	7.7242	8.2493	7.9867	525.131	500	25.131	P
1	9	103	125	Landscape Cam Down	H	7.7478	7.7242	8.2493	7.9867	525.131	500	25.131	P
1	9	201	65	Landscape Cam Down	H	7.7483	7.7242	8.2493	7.9867	525.131	500	25.131	P
1	9	202	625	Landscape Cam Down	H	7.7483	7.7242	8.2493	7.9867	525.131	500	25.131	P
1	9	402	445	Landscape Cam Down	H	7.7478	7.7242	8.2498	7.9870	525.631	500	25.631	P
1	9	501	0	Landscape Cam Down	H	7.7483	7.7242	8.2493	7.9867	525.131	500	25.131	P
1	9	503	0	Landscape Cam Down	H	0.7483	7.7242	8.2498	7.9870	525.631	500	25.631	P
1	9	601	0	Landscape Cam Down	H	7.7483	7.7242	8.2488	7.9865	524.631	500	24.631	P
1	9	603	0	Landscape Cam Down	H	7.7483	7.7248	8.2494	7.9871	524.631	500	24.631	P
1	9	605	0	Landscape Cam Down	H	7.7483	7.7242	8.2488	7.9865	524.631	500	24.631	P
1	9	607	0	Landscape Cam Down	H	7.7483	7.7242	8.2488	7.9865	524.631	500	24.631	P
1	9	701	0	Landscape Cam Down	H	7.7488	7.7232	8.2493	7.9862	526.132	500	26.132	P
1	9	702	0	Landscape Cam Down	H	7.7488	7.7232	8.2493	7.9862	526.132	500	26.132	P
1	9	703	0	Landscape Cam Down	H	7.7488	7.7232	8.2488	7.9860	525.631	500	25.631	P
1	9	704	0	Landscape Cam Down	H	7.7483	7.7232	8.2488	7.9860	525.631	500	25.631	P
1	9	705	0	Landscape Cam Down	H	7.7483	7.7232	8.2488	7.9860	525.631	500	25.631	P
1	9	706	0	Landscape Cam Down	H	7.7483	7.7032	8.2493	7.9762	546.137	500	46.137	P
1	9	405	4093	Landscape Cam Down	H	7.7483	7.7177	8.2483	7.9830	530.633	500	30.633	P
1	9	407	4093	Landscape Cam Down	H	7.7483	7.7207	8.2483	7.9845	527.632	500	27.632	P
1	9	409	4093	Landscape Cam Down	H	7.7478	7.7242	8.2493	7.9867	525.131	500	25.131	P
1	9	801	0Gap0	Landscape Cam Down	H	7.7483	7.7087	8.2503	7.9795	541.635	500	41.635	P
1	9	801	0Gap64	Landscape Cam Down	H	7.7483	7.7137	8.2503	7.9820	536.634	500	36.634	P
1	9	802	0	Landscape Cam Down	H	7.7483	7.7137	8.2503	7.9820	536.634	500	36.634	P
1	9	803	0	Landscape Cam Down	H	7.7488	7.7142	8.2503	7.9822	536.134	500	36.134	P
1	9	804	0Gap0	Landscape Cam Down	H	7.7483	7.7047	8.2503	7.9775	545.636	500	45.636	P
1	9	804	0Gap64	Landscape Cam Down	H	7.7488	7.7002	8.2503	7.9752	550.138	500	50.138	P
1	9	805	0	Landscape Cam Down	H	7.7483	7.7032	8.2503	7.9767	547.137	500	47.137	P
1	9	806	0	Landscape Cam Down	H	7.7483	7.7037	8.2503	7.9770	546.637	500	46.637	P
1	9	807	0Gap0	Landscape Cam Down	H	7.7483	7.7047	8.2503	7.9775	545.636	500	45.636	P
1	9	807	0Gap64	Landscape Cam Down	H	7.7488	7.7057	8.2503	7.9780	544.636	500	44.636	P
1	9	808	0	Landscape Cam Down	H	7.7488	7.7047	8.2503	7.9775	545.636	500	45.636	P
1	9	809	0	Landscape Cam Down	H	7.7483	7.7077	8.2503	7.9790	542.636	500	42.636	P
1	9	80A	0Gap0	Landscape Cam Down	H	7.7483	7.7077	8.2503	7.9790	542.636	500	42.636	P
1	9	80A	0Gap64	Landscape Cam Down	H	7.7483	7.7057	8.2503	7.9780	544.636	500	44.636	P
1	9	80B	0	Landscape Cam Down	H	7.7488	7.7037	8.2503	7.9770	546.637	500	46.637	P
1	9	80C	0	Landscape Cam Down	H	7.7488	7.7082	8.2503	7.9792	542.136	500	42.136	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	6.2503	6.2252	6.7518	6.4885	526.632	500	26.632	P
2	5	1	45	Landscape Cam Up	H	6.2503	6.2262	6.7528	6.4895	526.632	500	26.632	P
2	5	6	125	Landscape Cam Up	H	6.2508	6.2277	6.7513	6.4895	523.631	500	23.631	P
2	5	7	65	Landscape Cam Up	H	6.2508	6.2277	6.7513	6.4895	523.631	500	23.631	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	6.2508	6.2262	6.7528	6.4895	526.632	500	26.632	P
2	5	11	25	Landscape Cam Up	H	6.2508	6.2262	6.7528	6.4895	526.632	500	26.632	P
2	5	11	65	Landscape Cam Up	H	6.2503	6.2262	6.7523	6.4892	526.132	500	26.132	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	6.2503	6.2262	6.7523	6.4892	526.132	500	26.132	P
2	5	101	65	Landscape Cam Up	H	6.2503	6.2262	6.7523	6.4892	526.132	500	26.132	P
2	5	102	25	Landscape Cam Up	H	6.2503	6.2262	6.7523	6.4892	526.132	500	26.132	P
2	5	102	65	Landscape Cam Up	H	6.2503	6.2262	6.7523	6.4892	526.132	500	26.132	P
2	5	103	25	Landscape Cam Up	H	6.2503	6.2262	6.7523	6.4892	526.132	500	26.132	P
2	5	103	125	Landscape Cam Up	H	6.2503	6.2267	6.7523	6.4895	525.631	500	25.631	P
2	5	201	65	Landscape Cam Up	H	6.2503	6.2262	6.7523	6.4892	526.132	500	26.132	P
2	5	202	625	Landscape Cam Up	H	6.2503	6.2262	6.7523	6.4892	526.132	500	26.132	P
2	5	402	445	Landscape Cam Up	H	6.2503	6.2262	6.7528	6.4895	526.632	500	26.632	P
2	5	501	0	Landscape Cam Up	H	6.2503	6.2267	6.7523	6.4895	525.631	500	25.631	P
2	5	503	0	Landscape Cam Up	H	6.2508	6.2267	6.7528	6.4897	526.132	500	26.132	P
2	5	601	0	Landscape Cam Up	H	6.2508	6.2267	6.7528	6.4897	526.132	500	26.132	P
2	5	603	0	Landscape Cam Up	H	6.2508	6.2267	6.7528	6.4897	526.132	500	26.132	P
2	5	605	0	Landscape Cam Up	H	6.2503	6.2282	6.7523	6.4902	524.131	500	24.131	P
2	5	607	0	Landscape Cam Up	H	6.2503	6.2262	6.7528	6.4895	526.632	500	26.632	P
2	5	701	0	Landscape Cam Up	H	6.2508	6.2252	6.7538	6.4895	528.632	500	28.632	P
2	5	702	0	Landscape Cam Up	H	6.2508	6.2252	6.7538	6.4895	528.632	500	28.632	P
2	5	703	0	Landscape Cam Up	H	6.2508	6.2252	6.7538	6.4895	528.632	500	28.632	P
2	5	704	0	Landscape Cam Up	H	6.2508	6.2107	6.7623	6.4865	551.638	500	51.638	P
2	5	705	0	Landscape Cam Up	H	6.2508	6.2232	6.7538	6.4885	530.633	500	30.633	P
2	5	706	0	Landscape Cam Up	H	6.2508	6.2047	6.7743	6.4895	569.642	500	69.642	P
2	5	405	4093	Landscape Cam Up	H	6.2508	6.2122	6.7558	6.4840	543.636	500	43.636	P
2	5	407	4093	Landscape Cam Up	H	6.2508	6.2027	6.7558	6.4792	553.138	500	53.138	P
2	5	409	4093	Landscape Cam Up	H	6.2503	6.2262	6.7528	6.4895	526.630	500	26.63	P
2	5	801	0Gap0	Landscape Cam Up	H	6.2508	6.2057	6.7733	6.4895	567.642	500	67.642	P
2	5	801	0Gap64	Landscape Cam Up	H	6.2508	6.2027	6.7733	6.4880	570.643	500	70.643	P
2	5	802	0	Landscape Cam Up	H	6.2508	6.2022	6.7733	6.4877	571.143	500	71.143	P
2	5	803	0	Landscape Cam Up	H	6.2508	6.2027	6.7733	6.4880	570.643	500	70.643	P
2	5	804	0Gap0	Landscape Cam Up	H	6.2508	6.1942	6.7708	6.4825	576.644	500	76.644	P
2	5	804	0Gap64	Landscape Cam Up	H	6.2508	6.2022	6.7763	6.4892	574.144	500	74.144	P
2	5	805	0	Landscape Cam Up	H	6.2508	6.2022	6.7768	6.4895	574.644	500	74.644	P
2	5	806	0	Landscape Cam Up	H	6.2513	6.2022	6.7733	6.4877	571.143	500	71.143	P
2	5	807	0Gap0	Landscape Cam Up	H	6.2508	6.1942	6.7718	6.4830	577.644	500	77.644	P
2	5	807	0Gap64	Landscape Cam Up	H	6.2508	6.1937	6.7723	6.4830	578.645	500	78.645	P
2	5	808	0	Landscape Cam Up	H	6.2508	6.1942	6.7718	6.4830	577.644	500	77.644	P
2	5	809	0	Landscape Cam Up	H	6.2508	6.1942	6.7718	6.4830	577.644	500	77.644	P
2	5	80A	0Gap0	Landscape Cam Up	H	6.2513	6.2057	6.7853	6.4955	579.645	500	79.645	P
2	5	80A	0Gap64	Landscape Cam Up	H	6.2508	6.1942	6.7853	6.4897	591.148	500	91.148	P
2	5	80B	0	Landscape Cam Up	H	6.2508	6.1937	6.7848	6.4892	591.148	500	91.148	P
2	5	80C	0	Landscape Cam Up	H	6.2508	6.1937	6.7853	6.4895	591.648	500	91.648	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	8.2263	7.7242	8.2503	7.9872	526.132	500	26.132	P
2	9	1	45	Landscape Cam Up	H	8.2263	7.7242	8.2503	7.9872	526.132	500	26.132	P
2	9	6	125	Landscape Cam Up	H	8.2263	7.7252	8.2488	7.9870	523.613	500	23.613	P
2	9	7	65	Landscape Cam Up	H	8.2263	7.7252	8.2493	7.9872	524.131	500	24.131	P
2	9	9	65	Landscape Cam Up	H	8.2263	7.7262	8.2488	7.9875	522.631	500	22.631	P
2	9	9	125	Landscape Cam Up	H	8.2263	7.7257	8.2488	7.9872	523.131	500	23.131	P
2	9	10	25	Landscape Cam Up	H	8.2263	7.7242	8.2503	7.9872	526.132	500	26.132	P
2	9	11	25	Landscape Cam Up	H	8.2263	7.7242	8.2503	7.9872	526.132	500	26.132	P
2	9	11	65	Landscape Cam Up	H	8.2265	7.7242	8.2503	7.9872	526.132	500	26.132	P
2	9	16	65	Landscape Cam Up	H	8.2263	7.7257	8.2488	7.9872	523.131	500	23.131	P
2	9	101	25	Landscape Cam Up	H	8.2263	7.7242	8.2503	7.9872	526.132	500	26.132	P
2	9	101	65	Landscape Cam Up	H	8.2268	7.7242	8.2503	7.9872	526.132	500	26.132	P
2	9	102	25	Landscape Cam Up	H	8.2263	7.7242	8.2503	7.9872	526.132	500	26.132	P
2	9	102	65	Landscape Cam Up	H	8.2268	7.7247	8.2503	7.9875	525.631	500	25.631	P
2	9	103	25	Landscape Cam Up	H	8.2268	7.7242	8.2503	7.9872	526.132	500	26.132	P
2	9	103	125	Landscape Cam Up	H	8.2263	7.7242	8.2503	7.9872	526.132	500	26.132	P
2	9	201	65	Landscape Cam Up	H	8.2263	7.7242	8.2503	7.9872	526.132	500	26.132	P
2	9	202	625	Landscape Cam Up	H	8.2263	7.7242	8.2503	7.9872	526.132	500	26.132	P
2	9	402	445	Landscape Cam Up	H	8.2263	7.7242	8.2503	7.9872	526.132	500	26.132	P
2	9	501	0	Landscape Cam Up	H	8.2263	7.7242	8.2503	7.9872	526.132	500	26.132	P
2	9	503	0	Landscape Cam Up	H	8.2263	7.7242	8.2508	7.9875	526.632	500	26.632	P
2	9	601	0	Landscape Cam Up	H	8.2263	7.7242	8.2503	7.9872	526.132	500	26.132	P
2	9	603	0	Landscape Cam Up	H	8.2268	7.7242	8.2503	7.9872	526.132	500	26.132	P
2	9	605	0	Landscape Cam Up	H	8.2263	7.7247	8.2503	7.9875	525.631	500	25.631	P
2	9	607	0	Landscape Cam Up	H	8.2263	7.7242	8.2503	7.9872	526.132	500	26.132	P
2	9	701	0	Landscape Cam Up	H	8.2258	7.7232	8.2513	7.9872	528.132	500	28.132	P
2	9	702	0	Landscape Cam Up	H	8.2263	7.7232	8.2513	7.9872	528.132	500	28.132	P
2	9	703	0	Landscape Cam Up	H	8.2263	7.7232	8.2518	7.9875	528.632	500	28.632	P
2	9	704	0	Landscape Cam Up	H	8.2263	7.7232	8.2658	7.9945	542.636	500	42.636	P
2	9	705	0	Landscape Cam Up	H	8.2263	7.7237	8.2613	7.9925	537.634	500	37.634	P
2	9	706	0	Landscape Cam Up	H	8.2263	7.7232	8.2718	7.9975	548.637	500	48.637	P
2	9	405	4093	Landscape Cam Up	H	8.2263	7.7212	8.2643	7.9927	543.136	500	43.136	P
2	9	407	4093	Landscape Cam Up	H	8.2263	7.7242	8.2743	7.9993	550.138	500	50.138	P
2	9	409	4093	Landscape Cam Up	H	8.2263	7.7247	8.2498	7.9872	525.131	500	25.131	P
2	9	801	0Gap0	Landscape Cam Up	H	8.2263	7.7232	8.2828	8.0030	559.640	500	59.64	P
2	9	801	0Gap64	Landscape Cam Up	H	8.2263	7.7232	8.2743	7.9988	551.138	500	51.138	P
2	9	802	0	Landscape Cam Up	H	8.2263	7.7232	8.2743	7.9988	551.138	500	51.138	P
2	9	803	0	Landscape Cam Up	H	8.2263	7.7232	8.2743	7.9988	551.138	500	51.138	P
2	9	804	0Gap0	Landscape Cam Up	H	8.2753	7.7232	8.2753	7.9993	552.138	500	52.138	P
2	9	804	0Gap64	Landscape Cam Up	H	8.2742	7.7232	8.2743	7.9988	551.138	500	51.138	P
2	9	805	0	Landscape Cam Up	H	8.2823	7.7232	8.2823	8.0028	559.140	500	59.14	P
2	9	806	0	Landscape Cam Up	H	8.2823	7.7232	8.2823	8.0028	559.140	500	59.14	P
2	9	807	0Gap0	Landscape Cam Up	H	8.2823	7.7232	8.2823	8.0028	559.140	500	59.14	P
2	9	807	0Gap64	Landscape Cam Up	H	8.2828	7.7232	8.2828	8.0030	559.640	500	59.64	P
2	9	808	0	Landscape Cam Up	H	8.2828	7.7237	8.2828	8.0033	559.140	500	59.14	P
2	9	809	0	Landscape Cam Up	H	8.2828	7.7237	8.2828	8.0033	559.140	500	59.14	P
2	9	80A	0Gap0	Landscape Cam Up	H	8.2258	7.7232	8.2828	8.0030	559.640	500	59.64	P
2	9	80A	0Gap64	Landscape Cam Up	H	8.0493	7.7232	8.2833	8.0033	560.140	500	60.14	P
2	9	80B	0	Landscape Cam Up	H	8.2828	7.7224	8.2815	8.0019	559.140	500	59.14	P
2	9	80C	0	Landscape Cam Up	H	8.2828	7.7237	8.2828	8.0033	559.140	500	59.14	P

WORST MINIMUM OPERATING BANDWIDTH

9.8. PEAK POWER AND MAXIMUM AVERAGE EMISSIONS

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

RSS-220

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

ANT1, CH9

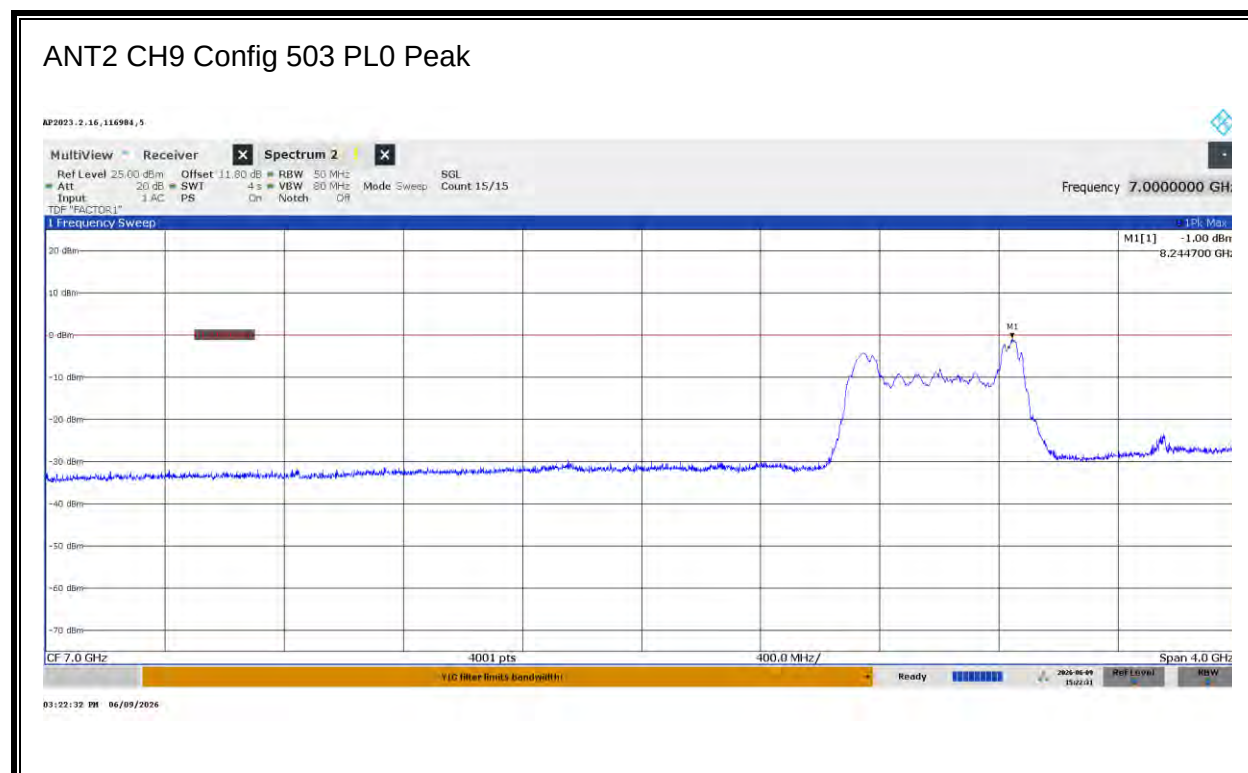
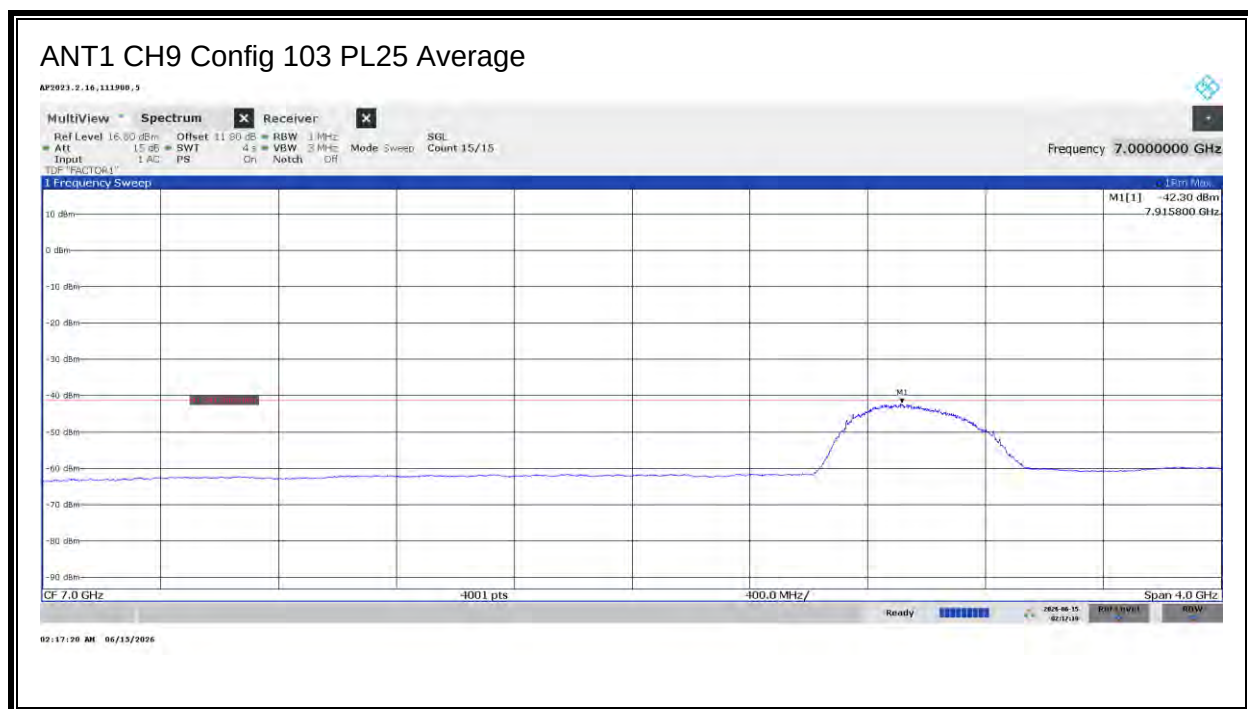
ANT	CH	CF	PL	EUT Orientation	Ant. Polarity	Max Pk	Peak EIRP Power				Max Av	Average EIRP Power			
							FM (GHz)	Adj Pk	Pk Limit	Margin (dB)		FM (GHz)	Adj Av	Avg Limit	Margin (dB)
1	9	0	25	Landscape Cam Down	H	4.08	7.9988	-2.65	0	-2.65	-35.78	7.8678	-42.47	-41.3	-1.17
1	9	1	45	Landscape Cam Down	H	4.05	7.9878	-1.87	0	-1.87	-36.58	7.8468	-42.54	-41.3	-1.24
1	9	6	125	Landscape Cam Down	H	5.75	7.9998	-6.54	0	-6.54	-30.15	7.8668	-42.40	-41.3	-1.10
1	9	7	65	Landscape Cam Down	H	5.11	7.9878	-4.95	0	-4.95	-32.70	7.8218	-42.68	-41.3	-1.38
1	9	9	65	Landscape Cam Down	H	6.11	7.9878	-7.08	0	-7.08	-29.51	7.7478	-42.79	-41.3	-1.49
1	9	9	125	Landscape Cam Down	H	6.09	7.9998	-7.29	0	-7.29	-29.02	7.8648	-42.42	-41.3	-1.12
1	9	10	25	Landscape Cam Down	H	1.05	7.9988	-6.64	0	-6.64	-38.85	7.8678	-42.58	-41.3	-1.28
1	9	11	25	Landscape Cam Down	H	1.21	7.9878	-1.26	0	-1.26	-40.38	7.9128	-42.83	-41.3	-1.53
1	9	11	65	Landscape Cam Down	H	0.57	7.9988	-2.86	0	-2.86	-39.31	7.8938	-42.79	-41.3	-1.49
1	9	16	65	Landscape Cam Down	H	2.58	7.9888	-6.22	0	-6.22	-33.73	7.7478	-42.79	-41.3	-1.49
1	9	101	25	Landscape Cam Down	H	0.72	7.9888	-1.07	0	-1.07	-41.07	7.8938	-42.78	-41.3	-1.48
1	9	101	65	Landscape Cam Down	H	1.15	8.0007	-1.55	0	-1.55	-39.96	7.8938	-42.35	-41.3	-1.05
1	9	102	25	Landscape Cam Down	H	1.21	7.9998	-1.14	0	-1.14	-41.36	7.9128	-43.78	-41.3	-2.48
1	9	102	65	Landscape Cam Down	H	1.02	7.9998	-1.27	0	-1.27	-39.94	7.8938	-42.48	-41.3	-1.18
1	9	103	25	Landscape Cam Down	H	1.15	8.0007	-1.24	0	-1.24	-39.85	7.9158	-42.30	-41.3	-1.00
1	9	103	125	Landscape Cam Down	H	1.22	7.9998	-4.02	0	-4.02	-37.49	7.8938	-42.63	-41.3	-1.33
1	9	201	65	Landscape Cam Down	H	-0.05	7.9998	-6.26	0	-6.26	-36.41	7.9328	-42.70	-41.3	-1.40
1	9	202	625	Landscape Cam Down	H	1.03	7.7428	-13.15	0	-13.15	-28.08	7.8628	-42.54	-41.3	-1.24
1	9	402	445	Landscape Cam Down	H	1.04	7.7478	-11.73	0	-11.73	-29.86	7.8708	-42.79	-41.3	-1.49
1	9	501	0	Landscape Cam Down	H	3.33	7.7418	-1.50	0	-1.50	-38.25	7.8778	-43.34	-41.3	-2.04
1	9	503	0	Landscape Cam Down	H	3.35	7.7408	-1.47	0	-1.47	-38.67	7.8708	-43.35	-41.3	-2.05
1	9	601	0	Landscape Cam Down	H	-0.59	7.7418	-3.42	0	-3.42	-39.51	7.8488	-42.35	-41.3	-1.05
1	9	603	0	Landscape Cam Down	H	-0.47	7.7428	-3.65	0	-3.65	-39.40	7.8488	-42.59	-41.3	-1.29
1	9	605	0	Landscape Cam Down	H	-0.53	7.7428	-1.22	0	-1.22	-41.87	7.8938	-42.62	-41.3	-1.32
1	9	607	0	Landscape Cam Down	H	-0.61	7.7398	-1.38	0	-1.38	-42.22	7.8938	-42.82	-41.3	-1.52
1	9	701	0	Landscape Cam Down	H	-0.40	7.7458	-3.50	0	-3.50	-39.60	7.8558	-42.47	-41.3	-1.17
1	9	702	0	Landscape Cam Down	H	0.50	7.7438	-1.52	0	-1.52	-40.59	7.8568	-42.63	-41.3	-1.33
1	9	703	0	Landscape Cam Down	H	-0.55	7.7468	-1.64	0	-1.64	-41.48	7.8648	-42.40	-41.3	-1.10
1	9	704	0	Landscape Cam Down	H	-4.96	7.9998	-7.65	0	-7.65	-39.71	7.8628	-42.44	-41.3	-1.14
1	9	705	0	Landscape Cam Down	H	-3.61	7.8638	-3.61	0	-3.61	-42.71	7.8588	-42.71	-41.3	-1.41
1	9	706	0	Landscape Cam Down	H	-5.59	7.9998	-5.14	0	-5.14	-43.15	7.8648	-42.64	-41.3	-1.34
1	9	405	4093	Landscape Cam Down	H	-2.70	7.9998	-14.55	0	-14.55	-30.20	7.8588	-42.40	-41.3	-1.10
1	9	407	4093	Landscape Cam Down	H	-2.98	7.9998	-14.13	0	-14.13	-30.98	7.8638	-42.48	-41.3	-1.18
1	9	409	4093	Landscape Cam Down	H	1.15	8.2157	-13.45	0	-13.45	-27.80	7.8618	-42.64	-41.3	-1.34
1	9	801	0Gap0	Landscape Cam Down	H	-2.32	8.2187	-3.90	0	-3.90	-40.80	7.8618	-42.52	-41.3	-1.22
1	9	801	0Gap64	Landscape Cam Down	H	-2.75	8.2187	-3.89	0	-3.89	-41.56	7.8668	-42.47	-41.3	-1.17
1	9	802	0	Landscape Cam Down	H	-1.92	7.7746	-3.98	0	-3.98	-40.44	7.8698	-42.39	-41.3	-1.09
1	9	803	0	Landscape Cam Down	H	-1.93	7.7418	-2.69	0	-2.69	-41.70	7.8668	-42.38	-41.3	-1.08
1	9	804	0Gap0	Landscape Cam Down	H	-2.92	7.7468	-7.55	0	-7.55	-37.94	7.8628	-42.36	-41.3	-1.06
1	9	804	0Gap64	Landscape Cam Down	H	-2.47	7.7458	-7.25	0	-7.25	-37.84	7.8588	-42.53	-41.3	-1.23
1	9	805	0	Landscape Cam Down	H	-1.84	7.7448	-6.72	0	-6.72	-37.46	7.8578	-42.37	-41.3	-1.07
1	9	806	0	Landscape Cam Down	H	-1.77	7.7742	-5.66	0	-5.66	-38.73	7.8938	-42.46	-41.3	-1.16
1	9	807	0Gap0	Landscape Cam Down	H	-2.36	7.7388	-4.24	0	-4.24	-40.44	7.8618	-42.59	-41.3	-1.29
1	9	807	0Gap64	Landscape Cam Down	H	-1.62	7.7740	-3.48	0	-3.48	-40.73	7.8918	-42.67	-41.3	-1.37
1	9	808	0	Landscape Cam Down	H	-1.90	7.7408	-3.46	0	-3.46	-41.12	7.8528	-42.31	-41.3	-1.01
1	9	809	0	Landscape Cam Down	H	-2.33	7.7468	-3.59	0	-3.59	-41.14	7.8718	-42.76	-41.3	-1.46
1	9	80A	0Gap0	Landscape Cam Down	H	-2.57	7.7418	-7.57	0	-7.57	-37.67	7.8628	-42.77	-41.3	-1.47
1	9	80A	0Gap64	Landscape Cam Down	H	-1.63	7.7438	-5.84	0	-5.84	-38.52	7.8678	-42.36	-41.3	-1.06
1	9	80B	0	Landscape Cam Down	H	-2.05	7.7428	-5.80	0	-5.80	-38.61	7.8728	-42.59	-41.3	-1.29
1	9	80C	0	Landscape Cam Down	H	-2.08	7.7408	-5.86	0	-5.86	-38.64	7.8718	-42.44	-41.3	-1.14

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	4.40	6.2392	-2.74	0	-2.74	-35.20	6.3492	-42.31	-41.3	-1.01
2	5	1	45	Landscape Cam Up	H	4.98	6.2402	-2.30	0	-2.30	-35.26	6.3492	-42.57	-41.3	-1.27
2	5	6	125	Landscape Cam Up	H	5.21	6.4901	-7.77	0	-7.77	-29.67	6.3452	-42.59	-41.3	-1.29
2	5	7	65	Landscape Cam Up	H	4.80	6.2382	-5.86	0	-5.86	-31.96	6.3492	-42.55	-41.3	-1.25
2	5	9	65	Landscape Cam Up	H	5.56	6.4931	-8.44	0	-8.44	-28.35	6.2502	-42.51	-41.3	-1.21
2	5	9	125	Landscape Cam Up	H	5.48	6.4911	-8.44	0	-8.44	-28.36	6.3432	-42.31	-41.3	-1.01
2	5	10	25	Landscape Cam Up	H	3.82	6.2382	-3.17	0	-3.17	-35.28	6.3492	-42.35	-41.3	-1.05
2	5	11	25	Landscape Cam Up	H	3.83	6.2402	-1.57	0	-1.57	-36.92	6.3492	-42.32	-41.3	-1.02
2	5	11	65	Landscape Cam Up	H	3.87	6.2422	-3.24	0	-3.24	-35.30	6.3492	-42.36	-41.3	-1.06
2	5	16	65	Landscape Cam Up	H	5.24	6.4891	-7.98	0	-7.98	-29.22	6.2502	-42.61	-41.3	-1.31
2	5	101	25	Landscape Cam Up	H	3.87	6.2402	-1.56	0	-1.56	-37.11	6.3492	-42.53	-41.3	-1.23
2	5	101	65	Landscape Cam Up	H	3.39	6.2402	-3.52	0	-3.52	-35.44	6.3492	-42.80	-41.3	-1.50
2	5	102	25	Landscape Cam Up	H	3.87	6.2402	-1.62	0	-1.62	-36.93	6.3492	-42.52	-41.3	-1.22
2	5	102	65	Landscape Cam Up	H	3.84	6.2432	-3.25	0	-3.25	-35.48	6.3492	-42.44	-41.3	-1.14
2	5	103	25	Landscape Cam Up	H	3.89	6.2432	-3.29	0	-3.29	-35.39	6.3492	-42.39	-41.3	-1.09
2	5	103	125	Landscape Cam Up	H	4.01	6.2402	-5.65	0	-5.65	-32.63	6.3492	-42.34	-41.3	-1.04
2	5	201	65	Landscape Cam Up	H	1.44	6.2382	-4.86	0	-4.86	-36.34	6.3652	-42.52	-41.3	-1.22
2	5	202	625	Landscape Cam Up	H	1.43	6.2382	-13.25	0	-13.25	-27.61	6.3502	-42.59	-41.3	-1.29
2	5	402	445	Landscape Cam Up	H	1.49	6.2382	-10.42	0	-10.42	-30.63	6.3512	-42.71	-41.3	-1.41
2	5	501	0	Landscape Cam Up	H	4.14	6.2402	-1.27	0	-1.27	-38.58	6.3492	-44.17	-41.3	-2.87
2	5	503	0	Landscape Cam Up	H	3.98	6.2392	-1.32	0	-1.32	-39.10	6.3452	-44.40	-41.3	-3.10
2	5	601	0	Landscape Cam Up	H	1.08	6.2382	-11.26	0	-11.26	-29.97	6.3472	-42.55	-41.3	-1.25
2	5	603	0	Landscape Cam Up	H	1.12	6.2382	-2.67	0	-2.67	-29.94	6.3472	-42.63	-41.3	-1.33
2	5	605	0	Landscape Cam Up	H	1.18	6.2392	-1.41	0	-1.41	-41.41	6.3482	-43.99	-41.3	-2.69
2	5	607	0	Landscape Cam Up	H	1.25	6.2422	-1.33	0	-1.33	-41.34	6.3472	-43.90	-41.3	-2.60
2	5	701	0	Landscape Cam Up	H	1.45	6.2402	-1.85	0	-1.85	-39.12	6.3402	-42.40	-41.3	-1.10
2	5	702	0	Landscape Cam Up	H	2.14	6.2412	-1.14	0	-1.14	-40.08	6.3422	-43.38	-41.3	-2.08
2	5	703	0	Landscape Cam Up	H	1.42	6.2402	-1.11	0	-1.11	-40.76	6.3452	-43.34	-41.3	-2.04
2	5	704	0	Landscape Cam Up	H	-4.20	6.2372	-7.41	0	-7.41	-39.40	6.3362	-42.58	-41.3	-1.28
2	5	705	0	Landscape Cam Up	H	-3.34	6.3662	-3.56	0	-3.56	-42.24	6.3412	-42.48	-41.3	-1.18
2	5	706	0	Landscape Cam Up	H	-5.31	6.3642	-5.31	0	-5.31	-42.78	6.3442	-42.78	-41.3	-1.48
2	5	405	4093	Landscape Cam Up	H	-1.07	6.2382	-13.95	0	-13.95	-29.52	6.3402	-42.49	-41.3	-1.19
2	5	407	4093	Landscape Cam Up	H	-1.04	6.2362	-13.20	0	-13.20	-30.27	6.3432	-42.50	-41.3	-1.20
2	5	409	4093	Landscape Cam Up	H	1.40	6.2422	-12.93	0	-12.93	-27.98	6.3412	-42.41	-41.3	-1.11
2	5	801	0Gap0	Landscape Cam Up	H	-1.09	6.2422	-2.84	0	-2.84	-40.84	6.3312	-42.72	-41.3	-1.42
2	5	801	0Gap64	Landscape Cam Up	H	-1.81	6.2412	-3.37	0	-3.37	-40.76	6.3432	-42.56	-41.3	-1.26
2	5	802	0	Landscape Cam Up	H	-0.54	6.2402	-3.32	0	-3.32	-39.76	6.3432	-42.58	-41.3	-1.28
2	5	803	0	Landscape Cam Up	H	-0.53	6.2372	-2.35	0	-2.35	-40.89	6.3432	-42.69	-41.3	-1.39
2	5	804	0Gap0	Landscape Cam Up	H	-1.85	6.2372	-5.64	0	-5.64	-38.34	6.3312	-42.73	-41.3	-1.43
2	5	804	0Gap64	Landscape Cam Up	H	-1.05	6.2382	-6.47	0	-6.47	-37.42	6.3432	-42.54	-41.3	-1.24
2	5	805	0	Landscape Cam Up	H	-0.44	6.2392	-6.57	0	-6.57	-36.92	6.3432	-42.56	-41.3	-1.26
2	5	806	0	Landscape Cam Up	H	-0.55	6.2412	-4.85	0	-4.85	-38.12	6.3432	-42.38	-41.3	-1.08
2	5	807	0Gap0	Landscape Cam Up	H	-0.97	6.2382	-2.59	0	-2.59	-40.84	6.3432	-42.44	-41.3	-1.14
2	5	807	0Gap64	Landscape Cam Up	H	-0.52	6.2402	-2.60	0	-2.60	-40.44	6.3352	-42.65	-41.3	-1.35
2	5	808	0	Landscape Cam Up	H	-0.80	6.2402	-2.58	0	-2.58	-40.69	6.3352	-42.54	-41.3	-1.24
2	5	809	0	Landscape Cam Up	H	-1.03	6.2392	-2.59	0	-2.59	-40.84	6.3352	-42.69	-41.3	-1.39
2	5	80A	0Gap0	Landscape Cam Up	H	-2.39	6.2402	-5.84	0	-5.84	-38.46	6.3652	-42.51	-41.3	-1.21
2	5	80A	0Gap64	Landscape Cam Up	H	-0.92	6.2382	-4.77	0	-4.77	-38.66	6.3652	-42.65	-41.3	-1.35
2	5	80B	0	Landscape Cam Up	H	-1.16	6.2392	-4.89	0	-4.89	-38.90	6.3552	-42.71	-41.3	-1.41
2	5	80C	0	Landscape Cam Up	H	-1.22	6.2412	-4.79	0	-4.79	-39.04	6.3552	-42.31	-41.3	-1.01

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	11.11	8.2170	-1.23	0	-1.23	-32.88	8.0417	-45.16	-41.3	-3.86
2	9	1	45	Landscape Cam Up	H	11.14	8.2187	-1.43	0	-1.43	-33.31	8.0187	-45.61	-41.3	-4.31
2	9	6	125	Landscape Cam Up	H	10.99	8.2177	-4.09	0	-4.09	-27.31	8.0067	-42.32	-41.3	-1.02
2	9	7	65	Landscape Cam Up	H	11.27	8.2177	-1.52	0	-1.52	-29.85	8.0017	-42.62	-41.3	-1.32
2	9	9	65	Landscape Cam Up	H	11.30	8.2177	-4.29	0	-4.29	-27.21	8.0447	-42.78	-41.3	-1.48
2	9	9	125	Landscape Cam Up	H	10.99	8.2177	-5.38	0	-5.38	-25.96	8.0087	-42.52	-41.3	-1.22
2	9	10	25	Landscape Cam Up	H	10.55	8.2177	-1.40	0	-1.40	-33.08	8.0297	-44.96	-41.3	-3.66
2	9	11	25	Landscape Cam Up	H	9.90	8.2187	-1.10	0	-1.10	-34.80	8.0187	-45.67	-41.3	-4.37
2	9	11	65	Landscape Cam Up	H	7.67	7.9968	-1.82	0	-1.82	-33.05	7.9558	-42.53	-41.3	-1.23
2	9	16	65	Landscape Cam Up	H	9.71	7.9998	-5.06	0	-5.06	-27.65	7.9648	-42.42	-41.3	-1.12
2	9	101	25	Landscape Cam Up	H	7.91	7.9908	-1.33	0	-1.33	-34.92	7.9558	-44.14	-41.3	-2.84
2	9	101	65	Landscape Cam Up	H	7.95	7.9868	-1.71	0	-1.71	-32.79	7.9558	-42.50	-41.3	-1.20
2	9	102	25	Landscape Cam Up	H	7.80	7.9858	-1.25	0	-1.25	-34.90	7.9128	-43.83	-41.3	-2.53
2	9	102	65	Landscape Cam Up	H	7.78	7.9878	-1.60	0	-1.60	-32.99	7.9558	-42.41	-41.3	-1.11
2	9	103	25	Landscape Cam Up	H	8.04	7.9898	-1.41	0	-1.41	-32.93	7.9088	-42.44	-41.3	-1.14
2	9	103	125	Landscape Cam Up	H	8.05	7.9878	-4.37	0	-4.37	-30.07	7.9558	-42.46	-41.3	-1.16
2	9	201	65	Landscape Cam Up	H	4.13	8.2427	-4.63	0	-4.63	-33.66	7.9878	-42.38	-41.3	-1.08
2	9	202	625	Landscape Cam Up	H	4.06	8.2427	-10.80	0	-10.80	-26.96	7.8668	-42.44	-41.3	-1.14
2	9	402	445	Landscape Cam Up	H	4.27	8.2447	-9.90	0	-9.90	-28.36	7.9748	-42.74	-41.3	-1.44
2	9	501	0	Landscape Cam Up	H	6.58	8.2437	-1.19	0	-1.19	-36.99	7.8778	-44.62	-41.3	-3.32
2	9	503	0	Landscape Cam Up	H	6.66	8.2447	-1.00	0	-1.00	-37.02	7.9328	-44.76	-41.3	-3.46
2	9	601	0	Landscape Cam Up	H	3.83	8.2437	-1.85	0	-1.85	-36.95	7.9698	-42.58	-41.3	-1.28
2	9	603	0	Landscape Cam Up	H	3.62	8.2447	-1.38	0	-1.38	-37.41	7.9698	-42.35	-41.3	-1.05
2	9	605	0	Landscape Cam Up	H	3.61	8.2437	-1.22	0	-1.22	-39.93	7.9698	-44.79	-41.3	-3.49
2	9	607	0	Landscape Cam Up	H	3.63	8.2447	-1.24	0	-1.24	-39.88	7.9698	-44.82	-41.3	-3.52
2	9	701	0	Landscape Cam Up	H	3.71	8.2427	-1.16	0	-1.16	-37.60	7.9808	-42.51	-41.3	-1.21
2	9	702	0	Landscape Cam Up	H	4.40	8.2427	-1.29	0	-1.29	-38.78	7.9608	-44.39	-41.3	-3.09
2	9	703	0	Landscape Cam Up	H	3.67	8.2437	-1.17	0	-1.17	-39.43	7.9848	-44.34	-41.3	-3.04
2	9	704	0	Landscape Cam Up	H	-1.72	8.2427	-6.36	0	-6.36	-37.50	7.9861	-42.41	-41.3	-1.11
2	9	705	0	Landscape Cam Up	H	-0.40	8.1157	-2.36	0	-2.36	-40.59	7.9868	-42.44	-41.3	-1.14
2	9	706	0	Landscape Cam Up	H	-2.12	7.9998	-3.88	0	-3.88	-40.85	7.9868	-47.47	-41.3	-6.17
2	9	405	4093	Landscape Cam Up	H	1.09	8.2427	-12.96	0	-12.96	-28.21	7.9918	-42.58	-41.3	-1.28
2	9	407	4093	Landscape Cam Up	H	1.04	8.2417	-12.12	0	-12.12	-28.95	7.9888	-42.60	-41.3	-1.30
2	9	409	4093	Landscape Cam Up	H	3.98	8.2447	-12.02	0	-12.02	-25.84	7.9848	-42.40	-41.3	-1.10
2	9	801	0Gap0	Landscape Cam Up	H	1.18	8.2427	-2.75	0	-2.75	-38.64	7.9868	-42.38	-41.3	-1.08
2	9	801	0Gap64	Landscape Cam Up	H	0.83	8.2428	-2.26	0	-2.26	-39.47	7.9658	-42.40	-41.3	-1.10
2	9	802	0	Landscape Cam Up	H	1.60	8.2447	-2.49	0	-2.49	-38.22	7.9658	-42.64	-41.3	-1.34
2	9	803	0	Landscape Cam Up	H	1.61	8.2437	-1.31	0	-1.31	-39.36	7.9658	-42.79	-41.3	-1.49
2	9	804	0Gap0	Landscape Cam Up	H	3.15	8.2177	-2.79	0	-2.79	-36.19	8.0287	-42.50	-41.3	-1.20
2	9	804	0Gap64	Landscape Cam Up	H	3.82	8.2177	-3.08	0	-3.08	-35.88	8.0187	-42.51	-41.3	-1.21
2	9	805	0	Landscape Cam Up	H	4.20	8.2177	-3.19	0	-3.19	-34.95	8.0087	-42.76	-41.3	-1.46
2	9	806	0	Landscape Cam Up	H	4.21	8.2177	-2.31	0	-2.31	-36.16	8.0087	-42.48	-41.3	-1.18
2	9	807	0Gap0	Landscape Cam Up	H	3.53	8.2177	-1.46	0	-1.46	-38.66	8.0287	-43.40	-41.3	-2.10
2	9	807	0Gap64	Landscape Cam Up	H	4.23	8.2177	-1.28	0	-1.28	-38.68	8.0287	-44.28	-41.3	-2.98
2	9	808	0	Landscape Cam Up	H	4.01	8.2177	-1.47	0	-1.47	-38.33	7.9578	-44.34	-41.3	-3.04
2	9	809	0	Landscape Cam Up	H	3.63	8.2177	-1.37	0	-1.37	-39.26	8.0167	-43.86	-41.3	-2.56
2	9	80A	0Gap0	Landscape Cam Up	H	2.81	8.2177	-3.18	0	-3.18	-36.15	8.0287	-42.51	-41.3	-1.21
2	9	80A	0Gap64	Landscape Cam Up	H	4.17	8.2177	-2.49	0	-2.49	-35.88	8.0237	-42.66	-41.3	-1.36
2	9	80B	0	Landscape Cam Up	H	4.19	8.2187	-1.86	0	-1.86	-36.21	8.0237	-42.74	-41.3	-1.44
2	9	80C	0	Landscape Cam Up	H	4.12	8.2187	-2.18	0	-2.18	-36.35	8.0237	-42.71	-41.3	-1.41

WORST-CASE OF PEAK POWER AND MAXIMUM AVERAGE EMISSIONS

9.9. 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.

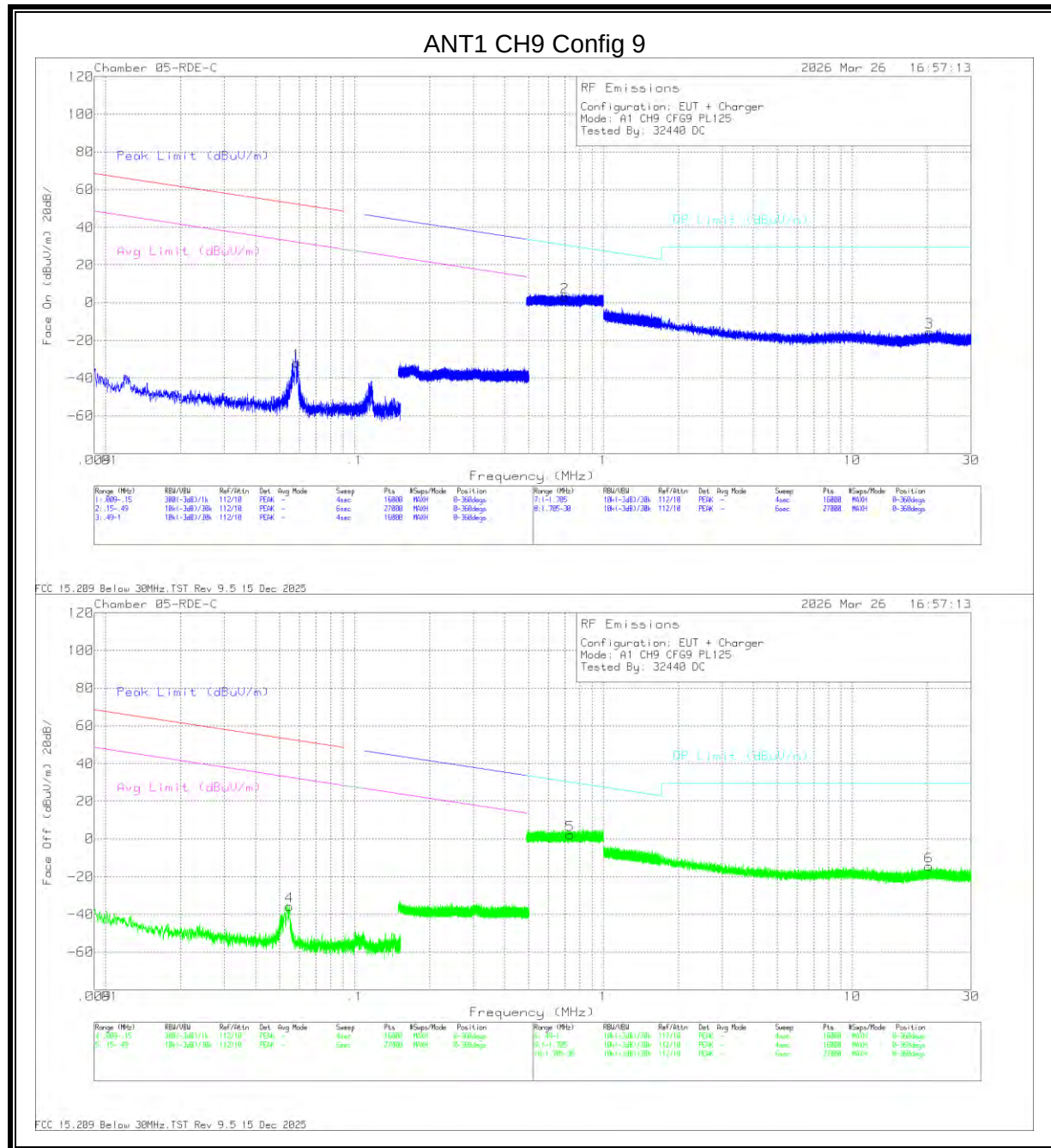
RESULTS**Emissions Summary**

Employee IDs: 32440

Location: 05-RDE-B

Test Date: 6/04/26 – 6/24/26

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

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

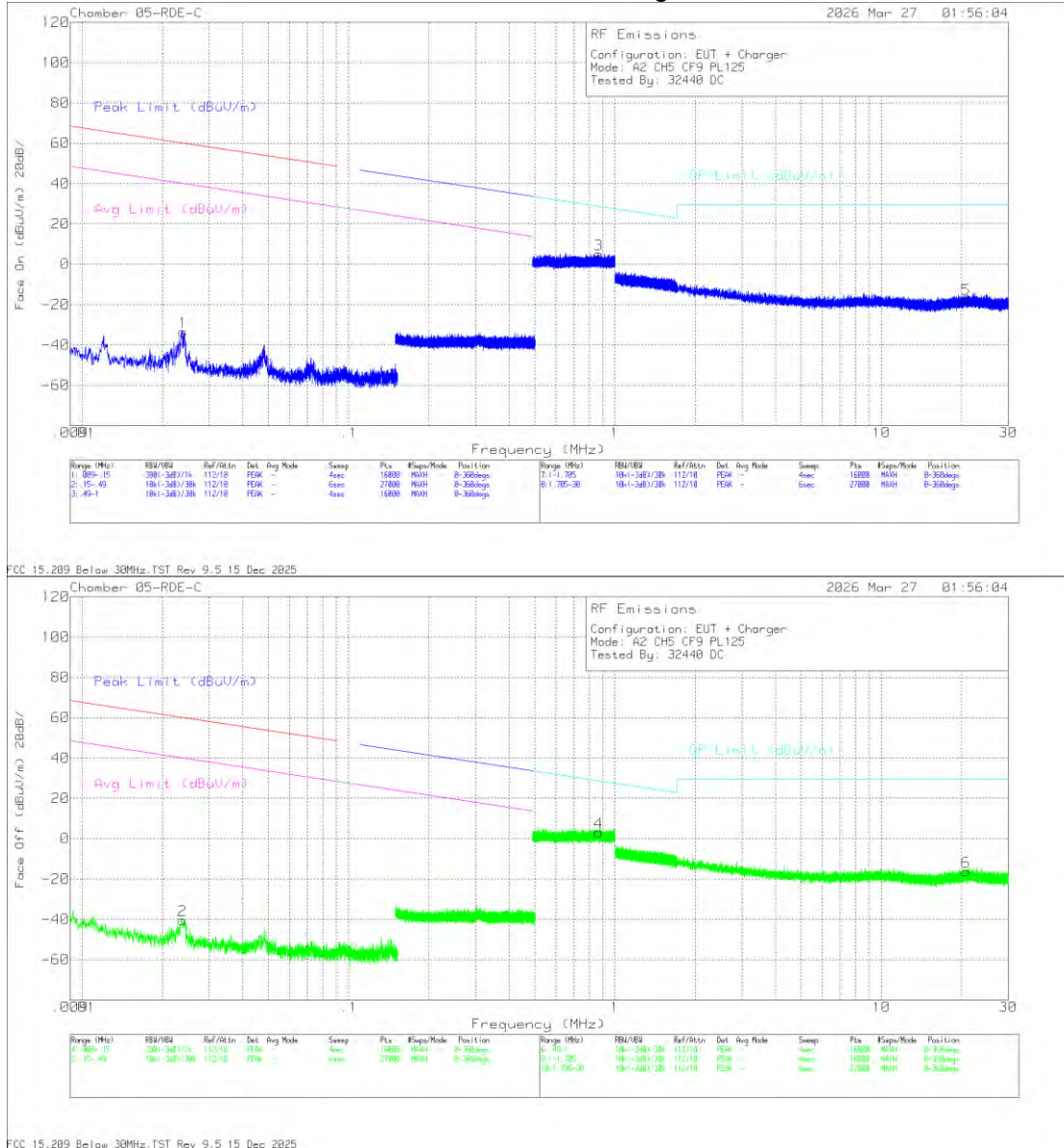
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna E (dB/m)	CBL AMP (dB)	Dist Corr 30m (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	Margin (dB)	Avg Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)
1	.0585	24.01	Pk	56.3	-32.1	-80	-31.79	52.24	-84.03	32.24	-64.03	0-360
4	.0546	19.83	Pk	56.7	-32.2	-80	-35.67	52.84	-88.51	32.84	-68.51	0-360

Pk - Peak detector

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna E (dB/m)	CBL AMP (dB)	Dist Corr 30m (dB) 40Log	Corrected Reading (dBuV/m)	QP Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)
2	.7002	18.57	Pk	56.3	-31.8	-40	3.07	30.71	-27.64	0-360
3	20.3751	21.47	Pk	34.3	-31.4	-40	-15.63	29.5	-45.13	0-360
5	.7351	17.72	Pk	56.3	-31.9	-40	2.12	30.29	-28.17	0-360
6	20.3018	22.61	Pk	34.3	-31.5	-40	-14.59	29.5	-44.09	0-360

Pk - Peak detector

ANT2 CH5 Config 9



Trace Markers

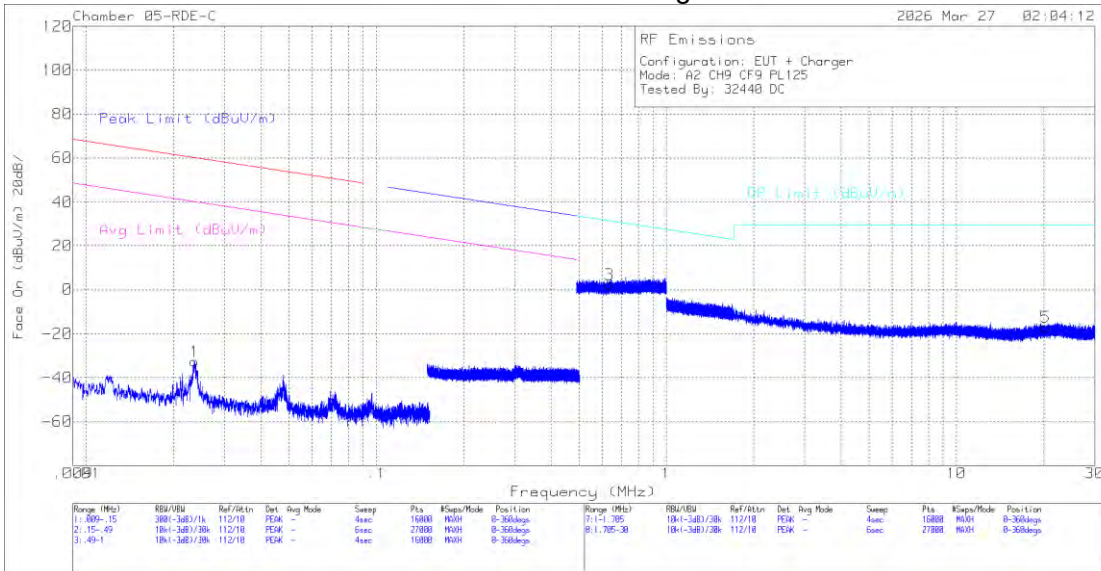
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna E (dB/m)	CBL AMP (dB)	Dist Corr 300m (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	Margin (dB)	Avg Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)
2	.0238	12.73	Pk	58.6	-31.8	-80	-40.47	60.04	-100.51	40.04	-80.51	0-360
1	.0239	19.56	Pk	58.6	-31.8	-80	-33.64	60.02	-93.66	40.02	-73.66	0-360

Pk - Peak detector

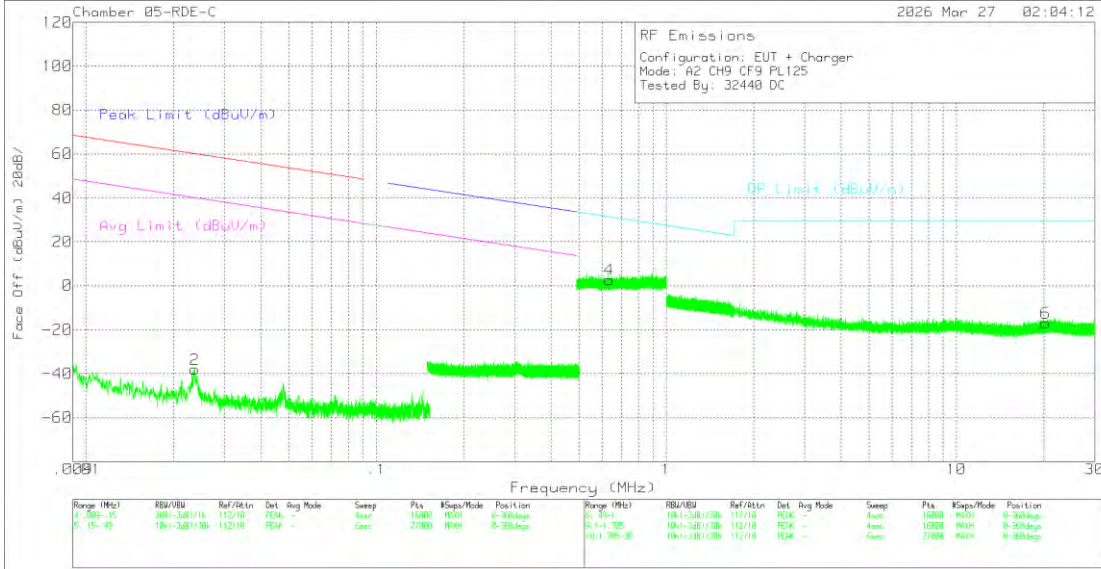
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna E (dB/m)	CBL AMP (dB)	Dist Corr 30m (dB) 40Log	Corrected Reading (dBuV/m)	QP Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)
3	.8696	20.14	Pk	56.3	-31.6	-40	4.84	28.83	-23.99	0-360
4	.8698	18.35	Pk	56.3	-31.6	-40	3.05	28.83	-25.78	0-360
5	20.7933	19.87	Pk	34.2	-31.2	-40	-17.13	29.5	-46.63	0-360
6	20.7996	20.73	Pk	34.2	-31.2	-40	-16.27	29.5	-45.77	0-360

Pk - Peak detector

ANT2 CH9 Config 9



FCC 15.209 Below 30MHz.TST Rev 9.5 15 Dec 2025



FCC 15.209 Below 30MHz.TST Rev 9.5 15 Dec 2025

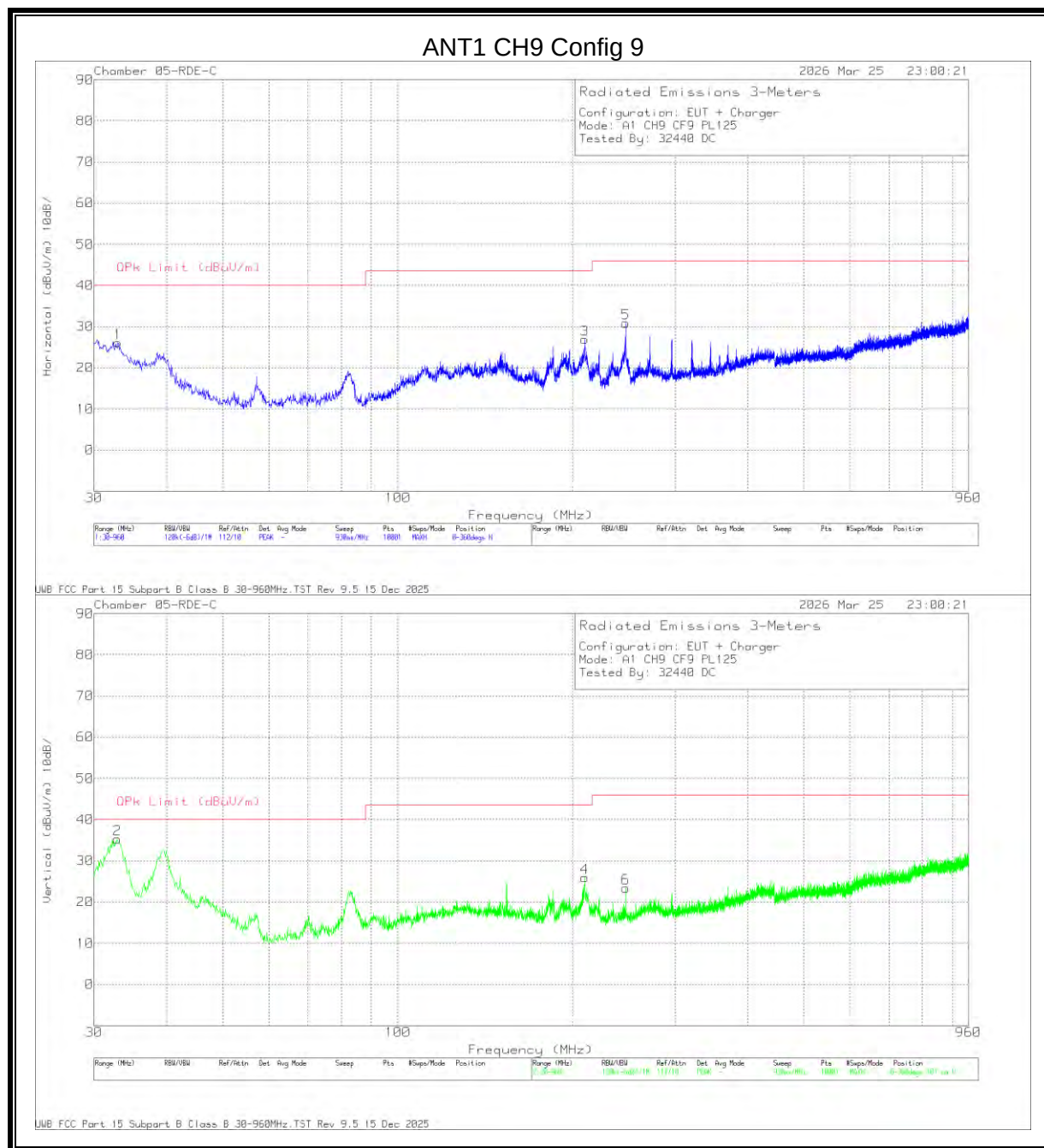
Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna E (dB/m)	CBL AMP (dB)	Dist Corr 300m (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	Margin (dB)	Avg Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)
1	.0236	20.6	Pk	58.6	-31.8	-80	-32.6	60.12	-92.72	40.12	-72.72	0-360
2	.0236	15.09	Pk	58.6	-31.8	-80	-38.11	60.12	-98.23	40.12	-78.23	0-360

Pk - Peak detector

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna E (dB/m)	CBL AMP (dB)	Dist Corr 30m (dB) 40Log	Corrected Reading (dBuV/m)	QP Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)
4	.6355	18.37	Pk	56.3	-32	-40	2.67	31.55	-28.88	0-360
3	.6358	18.22	Pk	56.3	-32	-40	2.52	31.54	-29.02	0-360
5	20.2913	20.35	Pk	34.3	-31.5	-40	-16.85	29.5	-46.35	0-360
6	20.3112	20.21	Pk	34.3	-31.5	-40	-16.99	29.5	-46.49	0-360

Pk - Peak detector

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

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	171863 ACF (dB/m)	CBL AMP (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	32.976	32.21	Pk	24.8	-30.9	26.11	40	-13.89	0-360	198	H
2	32.883	41.26	Pk	24.9	-30.9	35.26	40	-4.74	0-360	101	V
3	209.676	40.88	Pk	16.3	-30.3	26.88	43.52	-16.64	0-360	100	H
4	209.676	39.89	Pk	16.3	-30.3	25.89	43.52	-17.63	0-360	199	V
5	246.69	43.68	Pk	17.3	-30.1	30.88	46.02	-15.14	0-360	100	H
6	246.69	36.21	Pk	17.3	-30.1	23.41	46.02	-22.61	0-360	199	V

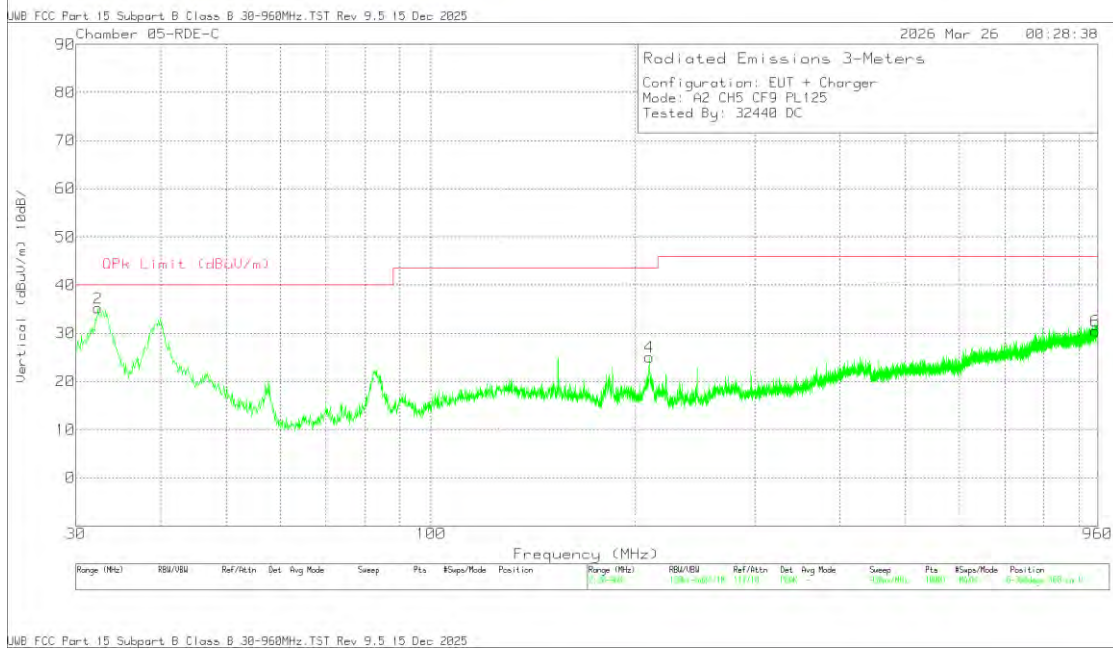
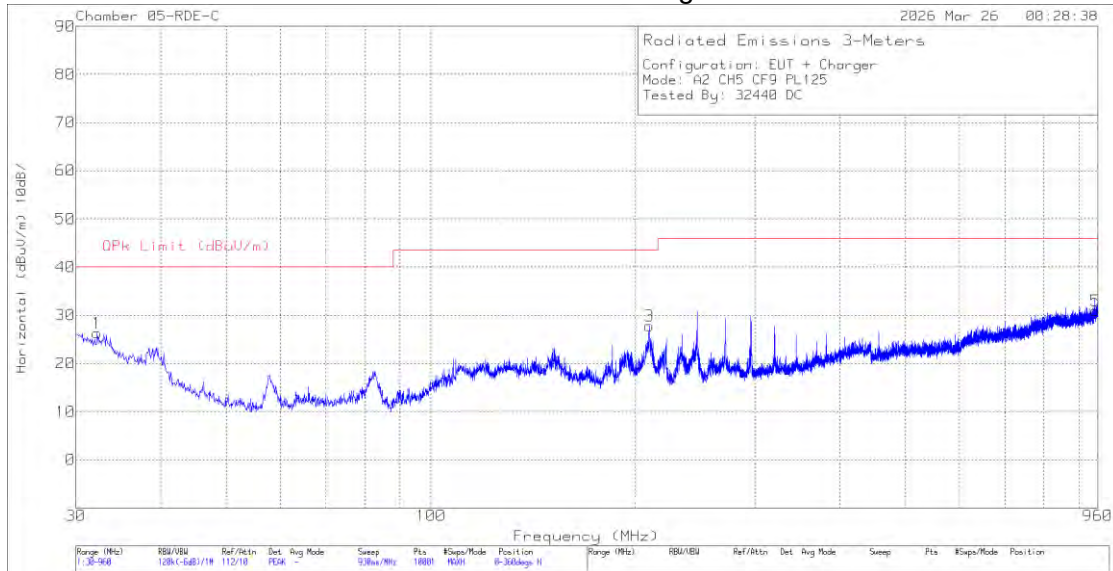
Pk - Peak detector

Radiated Emissions

Frequency (MHz)	Meter Reading (dBuV)	Det	171863 ACF (dB/m)	CBL AMP (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
32.484	37.58	Qp	25.1	-31.1	31.58	40	-8.42	220	107	V

Qp - Quasi-Peak detector

ANT2 CH5 Config 9



Trace Markers

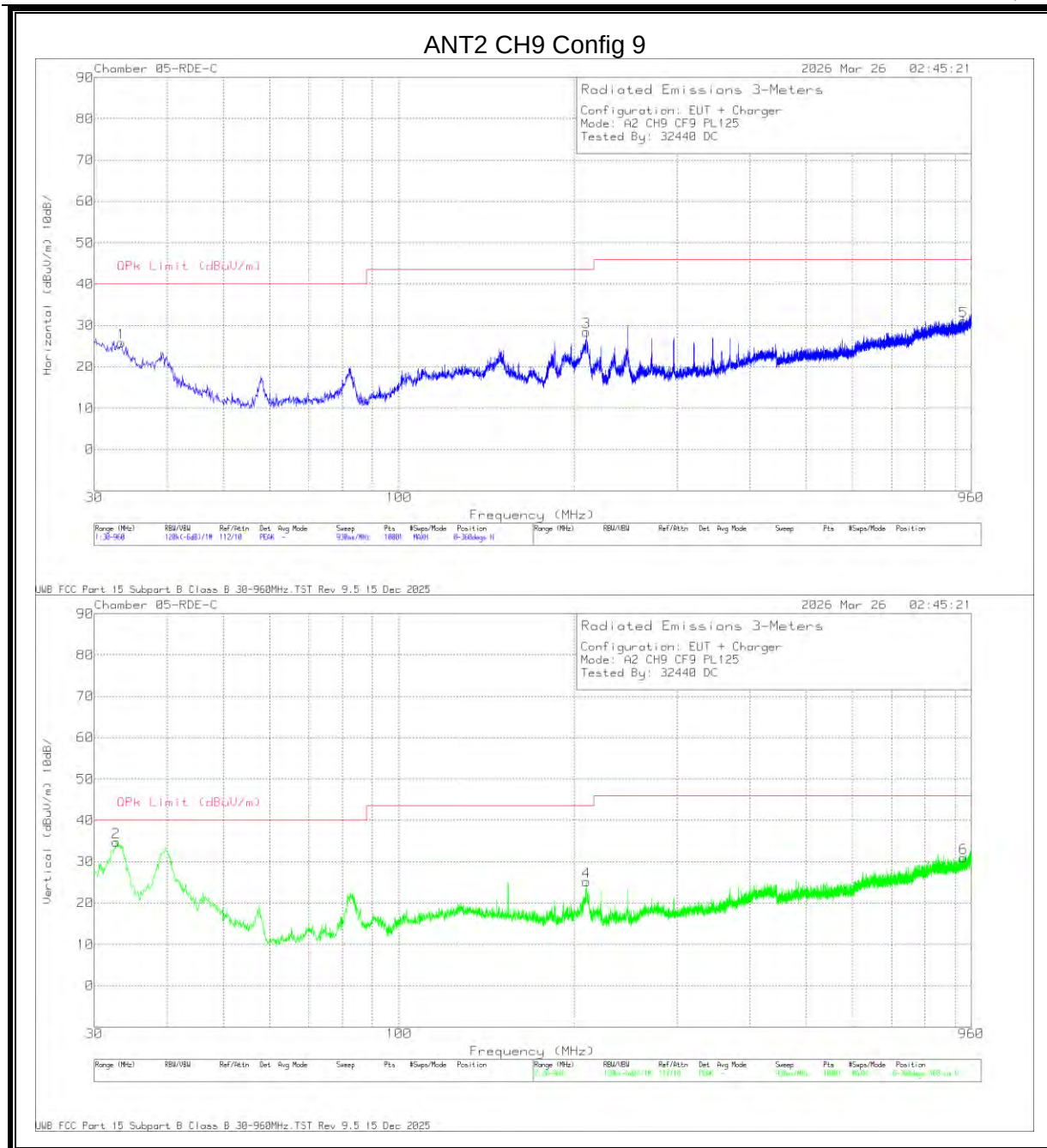
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	171863 ACF (dB/m)	CBL AMP (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	32.232	32.33	Pk	25.2	-31.2	26.33	40	-13.67	0-360	299	H
2	32.325	41.3	Pk	25.1	-31.2	35.2	40	-4.8	0-360	100	V
3	209.676	41.78	Pk	16.3	-30.3	27.78	43.52	-15.74	0-360	100	H
4	209.676	39.02	Pk	16.3	-30.3	25.02	43.52	-18.5	0-360	198	V
5	951.63	29.38	Pk	28.6	-27	30.98	46.02	-15.04	0-360	398	H
6	951.816	29.03	Pk	28.6	-27.2	30.43	46.02	-15.59	0-360	100	V

Pk - Peak detector

Radiated Emissions

Frequency (MHz)	Meter Reading (dBuV)	Det	171863 ACF (dB/m)	CBL AMP (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
33.0275	37.42	Qp	24.8	-30.9	31.32	40	-8.68	202	107	V

Qp - Quasi-Peak detector



Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	171863 ACF (dB/m)	CBL AMP (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	33.348	32.24	Pk	24.5	-30.9	25.84	40	-14.16	0-360	299	H
2	32.697	40.76	Pk	25	-31	34.76	40	-5.24	0-360	100	V
3	209.676	42.4	Pk	16.3	-30.3	28.4	43.52	-15.12	0-360	99	H
4	209.676	39.22	Pk	16.3	-30.3	25.22	43.52	-18.3	0-360	100	V
5	930.891	29.98	Pk	28.2	-27.1	31.08	46.02	-14.94	0-360	398	H
6	930.333	29.92	Pk	28.3	-27.2	31.02	46.02	-15	0-360	198	V

Pk - Peak detector

Radiated Emissions

Frequency (MHz)	Meter Reading (dBuV)	Det	171863 ACF (dB/m)	CBL AMP (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
32.6499	36.96	Qp	25	-31	30.96	40	-9.04	237	101	V

Qp - Quasi-Peak detector

9.10. 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 = $20 \cdot \log(1\text{m}/3\text{m}) = -9.54 \text{ dB}$

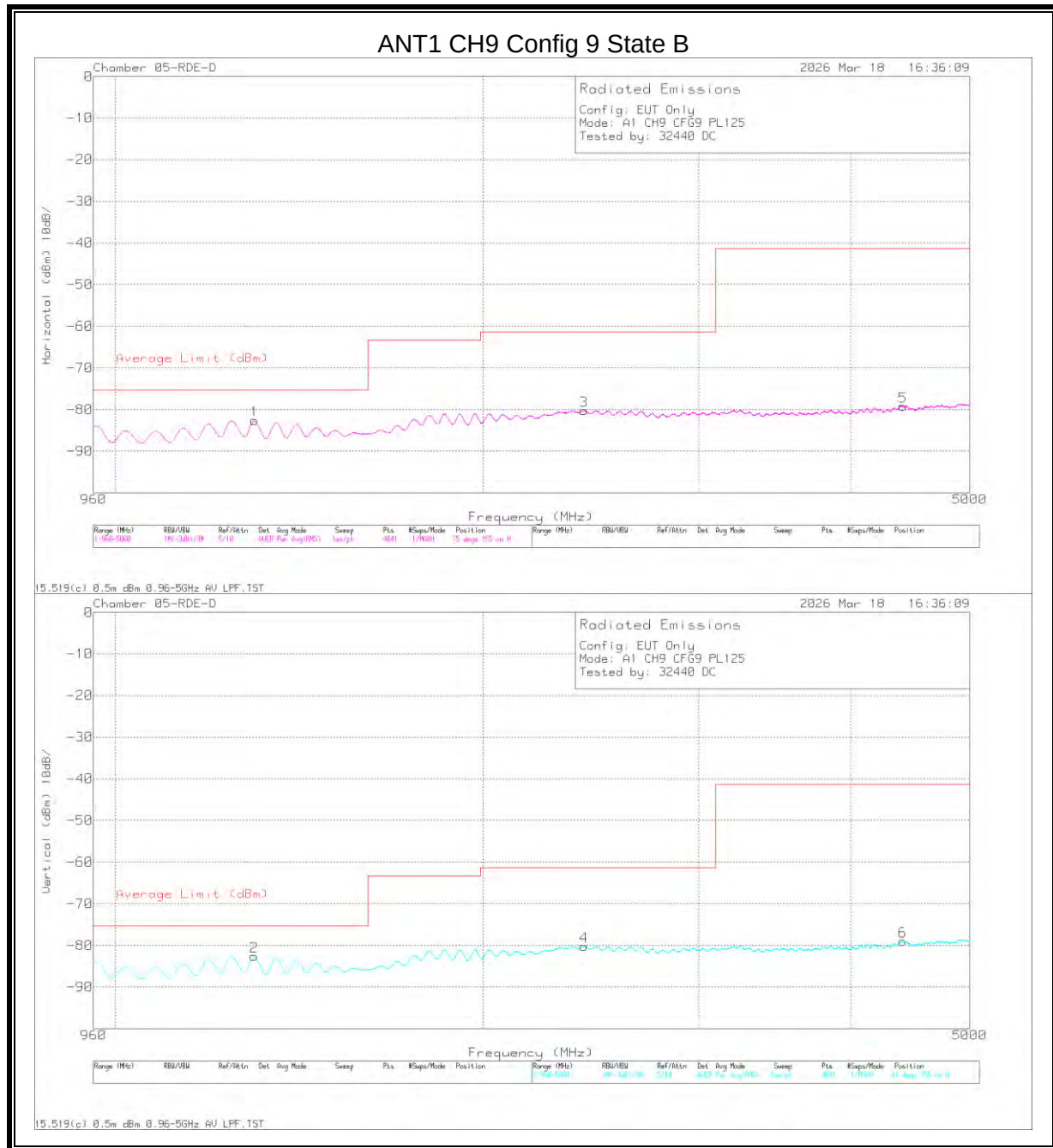
RESULTS**Average Emissions Summary**

Employee IDs: 32440, 115565, 111533, 116984

Location: 05-RDE-B

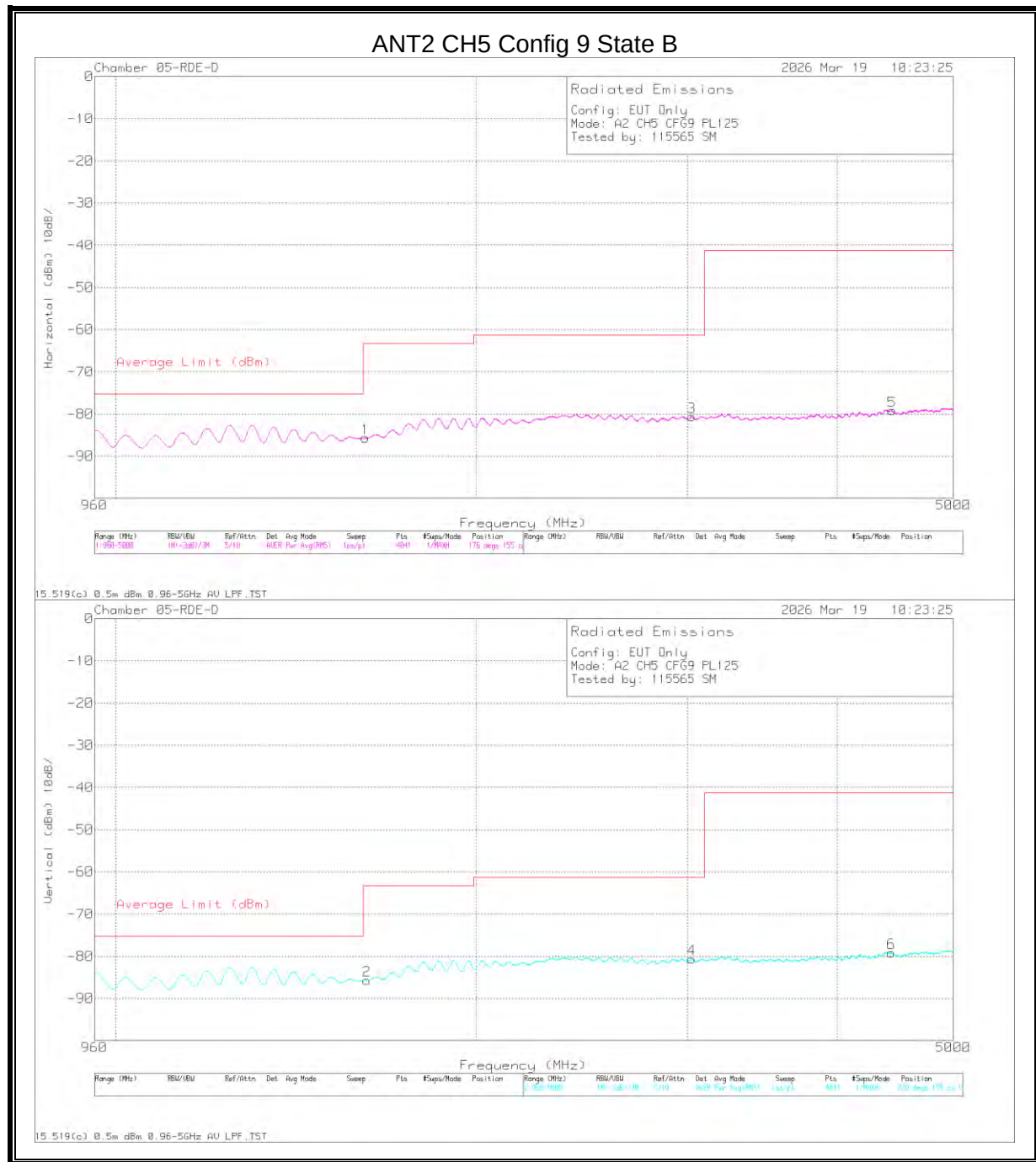
Test Date: 6/04/26 – 6/24/26

State	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
A	1	9	9	125	Max	PASS	PASS	PASS	PASS	PASS
A	2	5	9	125	Max	PASS	PASS	PASS	PASS	PASS
A	2	9	9	125	Max	PASS	PASS	PASS	PASS	PASS
B	1	9	9	125	Max	PASS	PASS	PASS	PASS	PASS
B	2	5	9	125	Max	PASS	PASS	PASS	PASS	PASS
B	2	9	9	125	Max	PASS	PASS	PASS	PASS	PASS

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

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	81887 ACF (dB/m)	Dist. Corr. (dB)	Conversion Factor (dB)	Gain/Loss (dB)	Corrected Reading (dBm)	Average Limit (dBm)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1300	-61.14	RMS	29.7	-15.6	11.8	-47.39	-82.63	-75.3	-7.33	360	155	H
2	1299	-61.16	RMS	29.7	-15.6	11.8	-47.37	-82.63	-75.3	-7.33	176	155	V
3	2418	-62.6	RMS	33.5	-15.6	11.8	-47.28	-80.18	-61.3	-18.88	228	155	H
4	2419	-62.61	RMS	33.5	-15.6	11.8	-47.28	-80.19	-61.3	-18.89	22	155	V
5	4409	-64.49	RMS	34.5	-15.6	11.8	-45.4	-79.19	-41.3	-37.89	97	155	H
6	4408	-64.29	RMS	34.5	-15.6	11.8	-45.42	-79.01	-41.3	-37.71	154	155	V

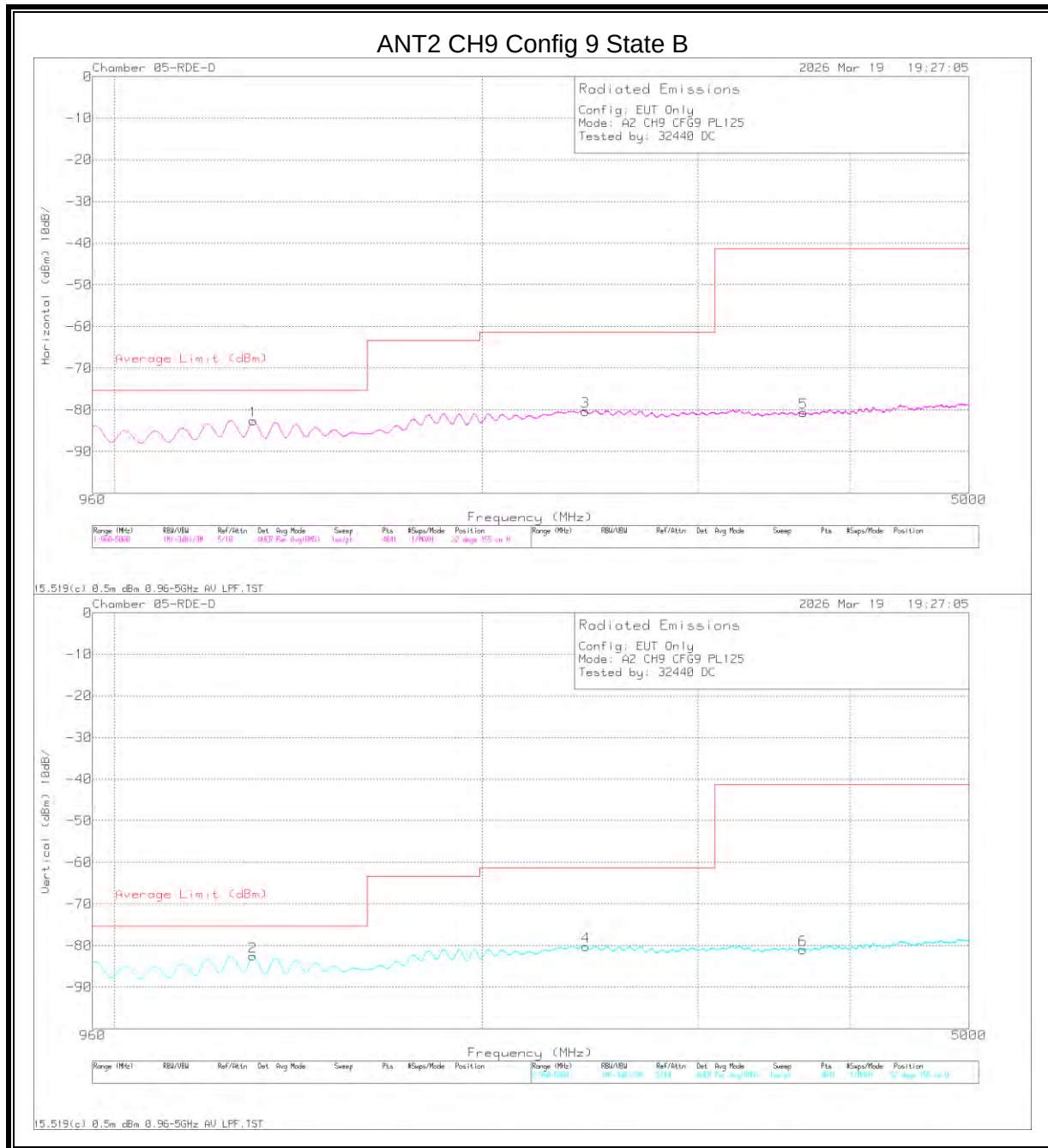
RMS - RMS detection



Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	81887 ACF (dB/m)	Dist. Corr. (dB)	Conversion Factor (dB)	Gain/Loss (dB)	Corrected Reading (dBm)	Average Limit (dBm)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1616	-63.15	RMS	28.8	-15.6	11.8	-47.5	-85.65	-63.3	-22.35	220	155	H
2	1620	-63.15	RMS	28.8	-15.6	11.8	-47.54	-85.69	-63.3	-22.39	31	155	V
3	3025	-64.67	RMS	33.4	-15.6	11.8	-45.57	-80.64	-61.3	-19.34	88	155	H
4	3026	-64.68	RMS	33.4	-15.6	11.8	-45.56	-80.64	-61.3	-19.34	141	155	V
5	4446	-64.68	RMS	34.5	-15.6	11.8	-45.22	-79.2	-41.3	-37.9	330	155	H
6	4440	-64.53	RMS	34.5	-15.6	11.8	-45.33	-79.16	-41.3	-37.86	317	155	V

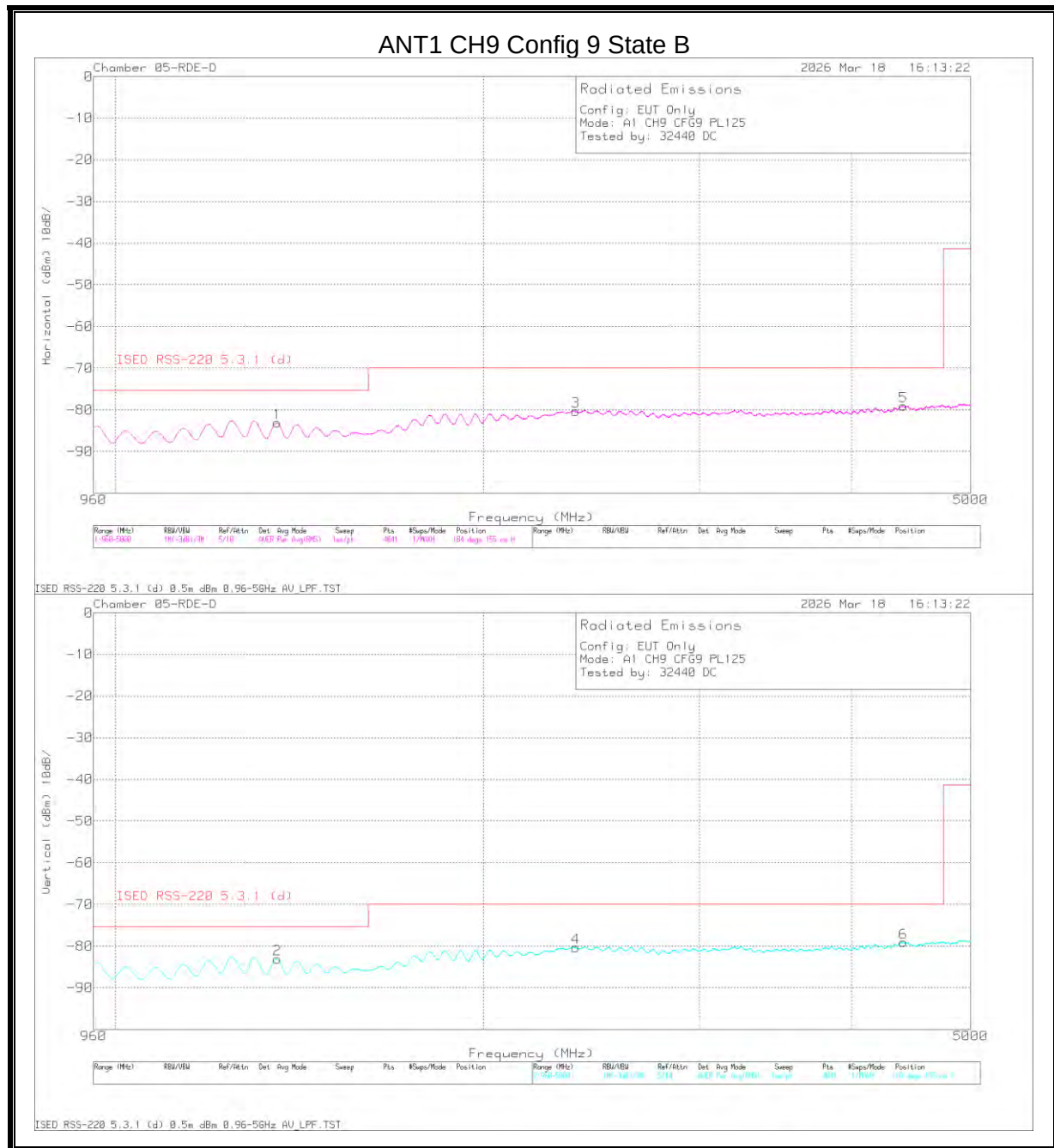
RMS - RMS detection



Trace Markers

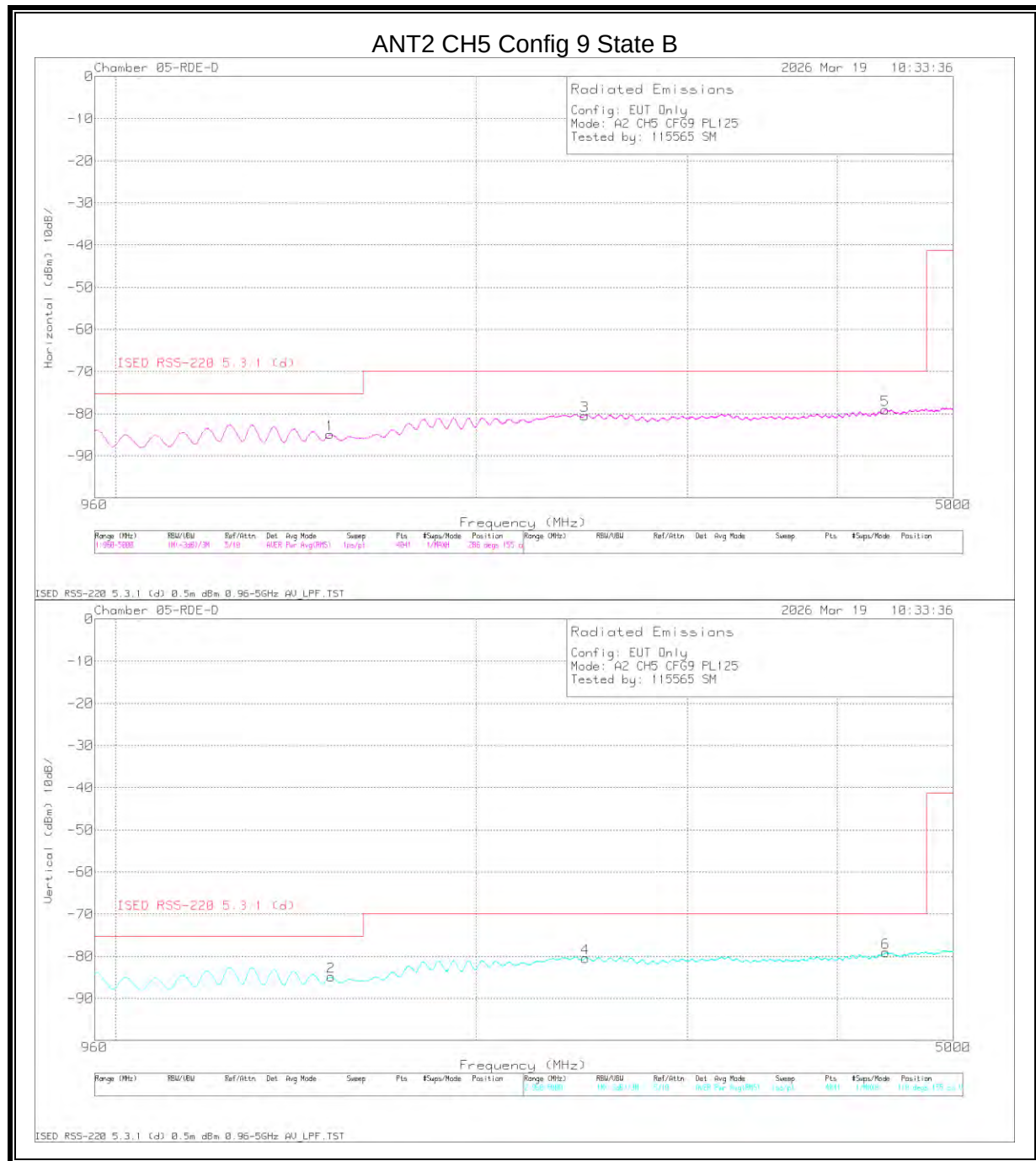
Marker	Frequency (MHz)	Meter Reading (dBm)	Det	81887 ACF (dB/m)	Dist. Corr. (dB)	Conversion Factor (dB)	Gain/Loss (dB)	Corrected Reading (dBm)	Average Limit (dBm)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1299	-61.12	RMS	29.7	-15.6	11.8	-47.37	-82.59	-75.3	-7.29	66	155	H
2	1298	-61.08	RMS	29.7	-15.6	11.8	-47.37	-82.55	-75.3	-7.25	140	155	V
3	2428	-62.78	RMS	33.5	-15.6	11.8	-47.26	-80.34	-61.3	-19.04	132	155	H
4	2430	-62.71	RMS	33.5	-15.6	11.8	-47.26	-80.27	-61.3	-18.97	140	155	V
5	3661	-65.14	RMS	33.4	-15.6	11.8	-45.03	-80.57	-41.3	-39.27	330	155	H
6	3657	-65.63	RMS	33.5	-15.6	11.8	-45.03	-80.96	-41.3	-39.66	272	155	V

RMS - RMS detection

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

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	81887 ACF (dBm)	Dist. Corr. (dB)	Conversion Factor (dB)	Gain/Loss (dB)	Corrected Reading (dBm)	ISED RSS-220 5.3.1 (dB)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1356	-61.38	RMS	29.4	-15.6	11.8	-47.29	-83.07	-75.3	-7.77	295	155	H
2	1356	-61.46	RMS	29.4	-15.6	11.8	-47.29	-83.15	-75.3	-7.85	132	155	V
3	2378	-62.59	RMS	33.5	-15.6	11.8	-47.46	-80.35	-70	-10.35	273	155	H
4	2378	-62.61	RMS	33.5	-15.6	11.8	-47.46	-80.37	-70	-10.37	286	155	V
5	4405	-64.44	RMS	34.5	-15.6	11.8	-45.4	-79.14	-70	-9.14	317	155	H
6	4406	-64.45	RMS	34.5	-15.6	11.8	-45.41	-79.16	-70	-9.16	286	155	V

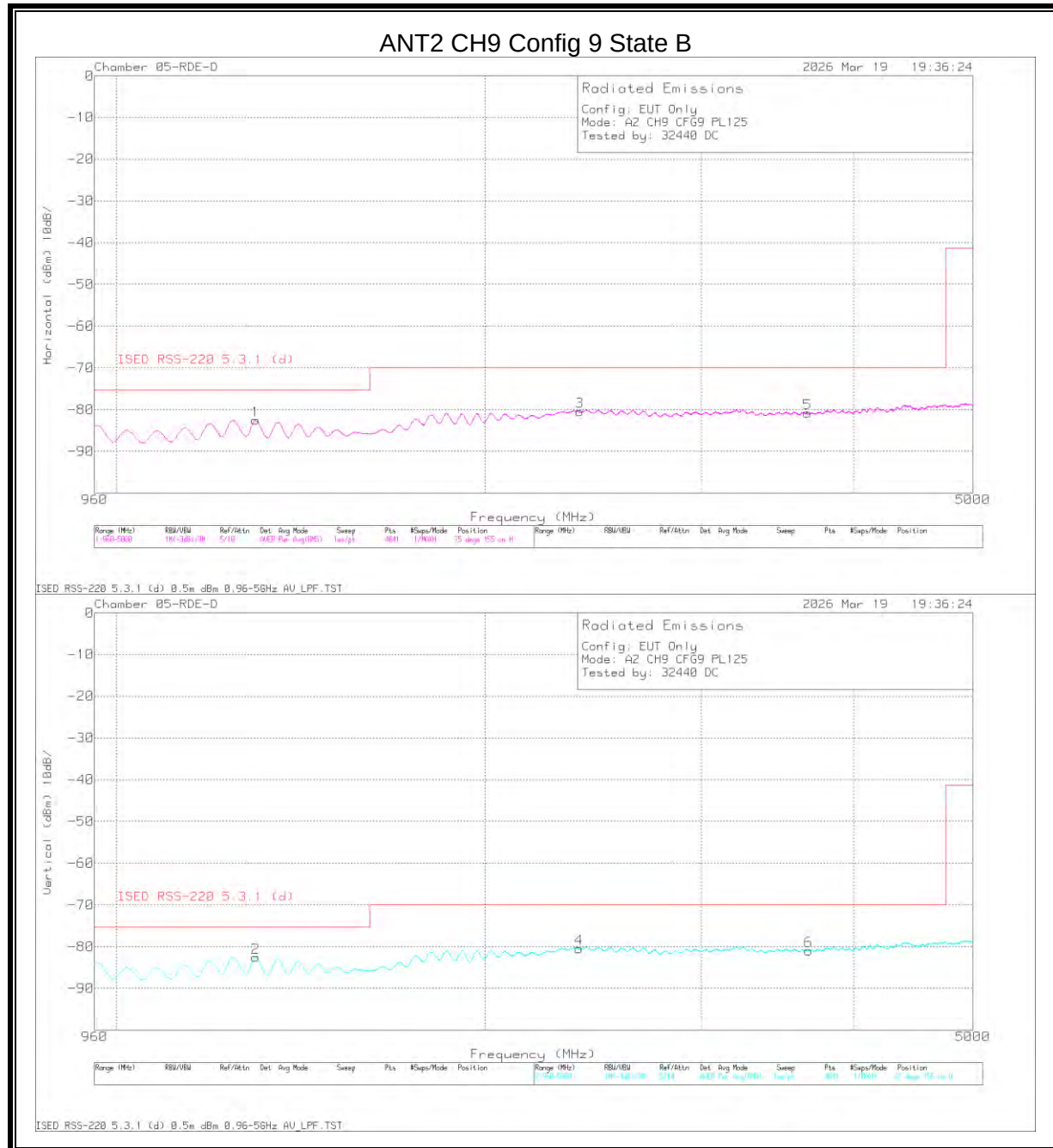
RMS - RMS detection



Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	81887 ACF (dB/m)	Dist. Corr. (dB)	Conversion Factor (dB)	Gain/Loss (dB)	Corrected Reading (dBm)	ISED RSS-220 5.3.1 (dB)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1510	-61.93	RMS	28.2	-15.6	11.8	-47.36	-84.89	-75.3	-9.59	0	155	H
2	1513	-61.87	RMS	28.2	-15.6	11.8	-47.35	-84.82	-75.3	-9.52	338	155	V
3	2462	-63.02	RMS	33.4	-15.6	11.8	-47.05	-80.47	-70	-10.47	22	155	H
4	2465.5	-62.99	RMS	33.4	-15.6	11.8	-47.06	-80.45	-70	-10.45	30	155	V
5	4386	-64.07	RMS	34.4	-15.6	11.8	-45.58	-79.05	-70	-9.05	88	155	H
6	4390	-64.18	RMS	34.4	-15.6	11.8	-45.52	-79.1	-70	-9.1	229	155	V

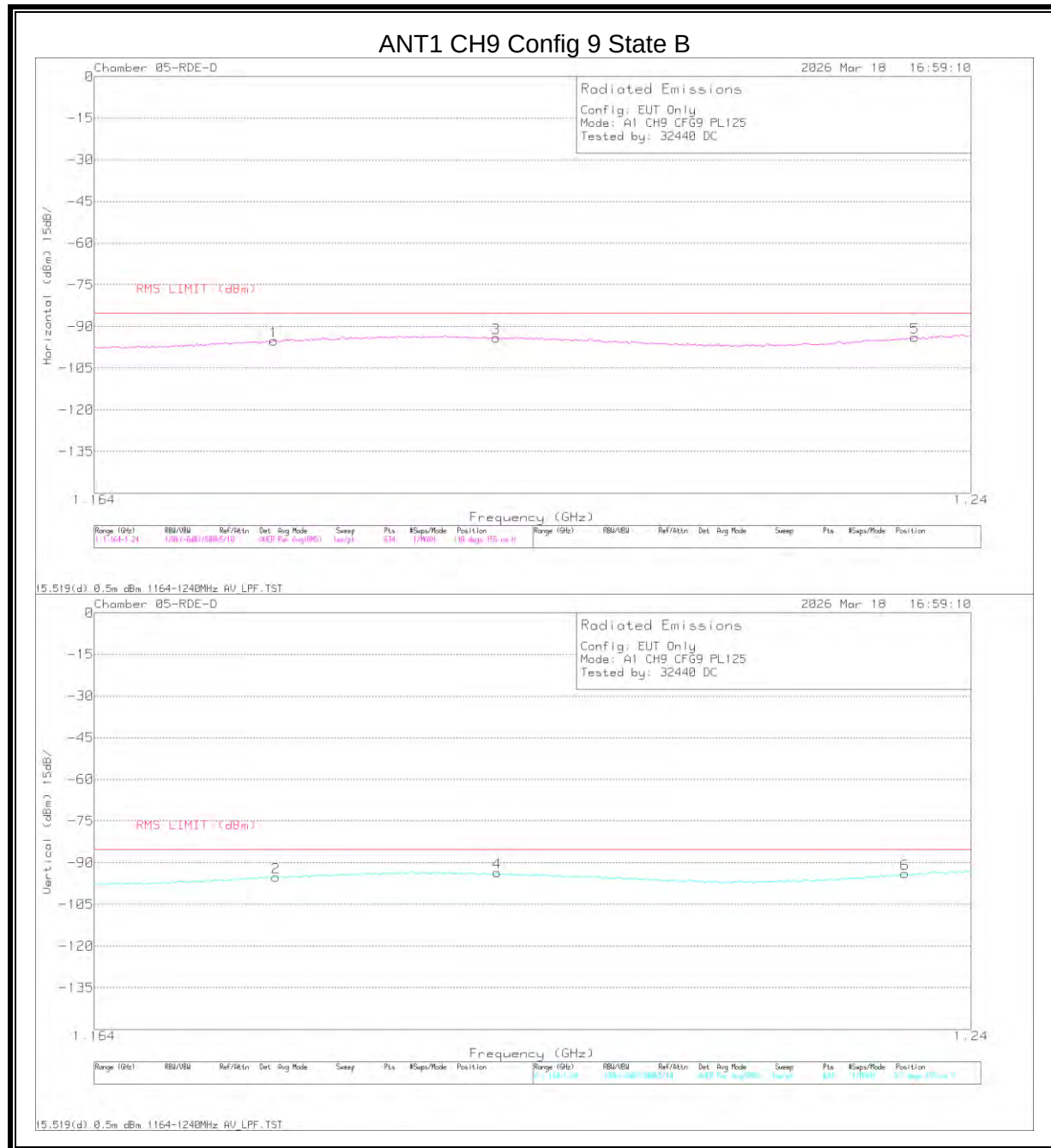
RMS - RMS detection



Trace Markers

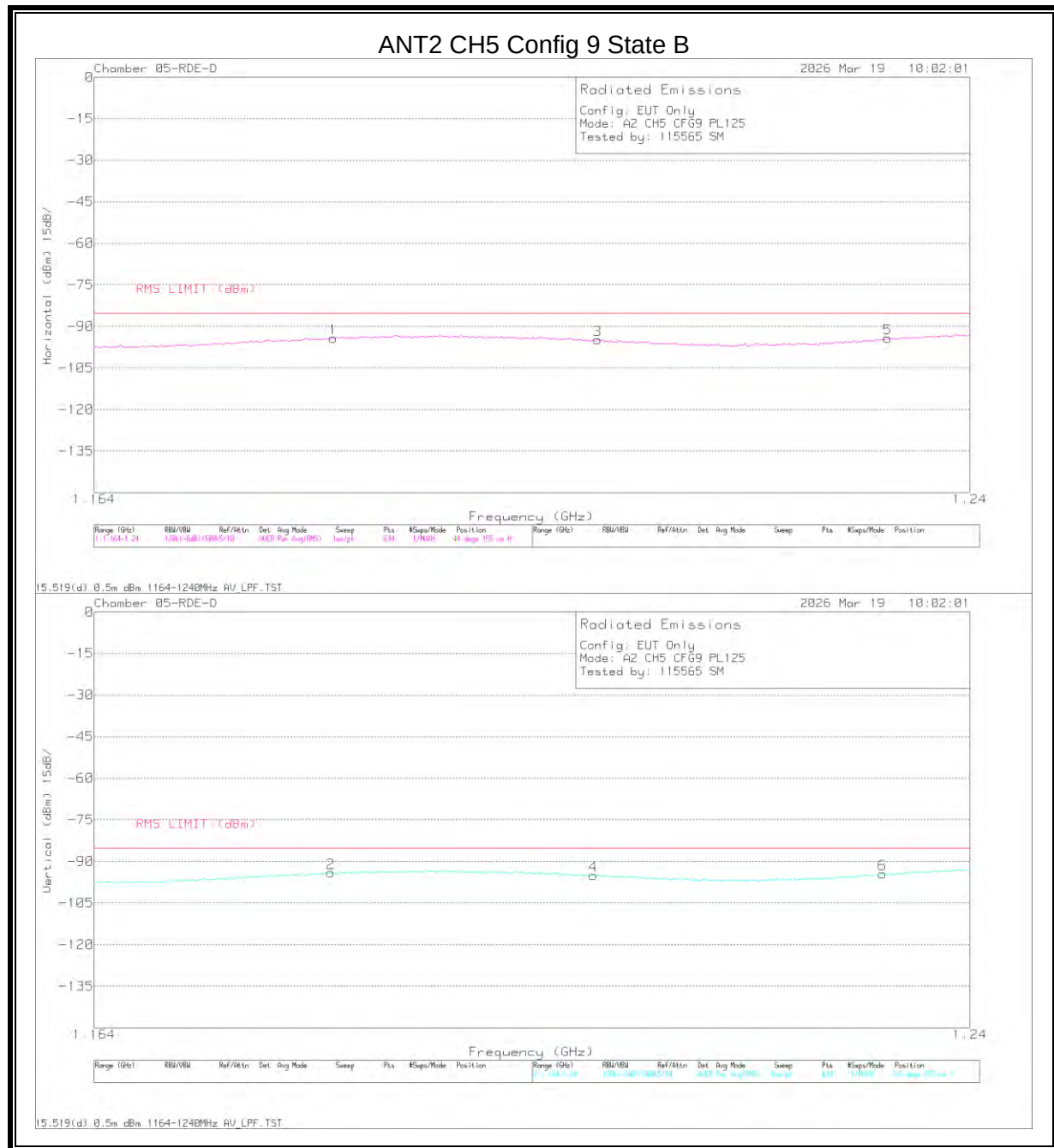
Marker	Frequency (MHz)	Meter Reading (dBm)	Det	81887 ACF (dBm)	Dist. Corr. (dB)	Conversion Factor (dB)	Gain/Loss (dB)	Corrected Reading (dBm)	ISED RSS-220 5.3.1 (dB)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1299	-61.08	RMS	29.7	-15.6	11.8	-47.37	-82.55	-75.3	-7.25	206	155	H
2	1299	-61.08	RMS	29.7	-15.6	11.8	-47.37	-82.55	-75.3	-7.25	286	155	V
3	2389	-62.87	RMS	33.5	-15.6	11.8	-47.36	-80.53	-70	-10.53	360	155	H
4	2385	-62.8	RMS	33.5	-15.6	11.8	-47.41	-80.51	-70	-10.51	1	155	V
5	3663	-65.44	RMS	33.4	-15.6	11.8	-45.06	-80.9	-70	-10.9	339	155	H
6	3672	-65.59	RMS	33.4	-15.6	11.8	-45.02	-81.01	-70	-11.01	110	155	V

RMS - RMS detection

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

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	81887 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	1.179188	-72.34	RMS	28.8	-15.6	11.8	-47.79	-95.13	-85.3	-9.83	132	155	H
2	1.179368	-72.36	RMS	28.8	-15.6	11.8	-47.79	-95.15	-85.3	-9.85	360	155	V
3	1.198218	-71.34	RMS	29	-15.6	11.8	-47.86	-94	-85.3	-8.7	242	155	H
4	1.198338	-70.87	RMS	29	-15.6	11.8	-47.86	-93.53	-85.3	-8.23	295	155	V
5	1.234957	-71.89	RMS	29.4	-15.6	11.8	-47.65	-93.94	-85.3	-8.64	198	155	H
6	1.234117	-71.85	RMS	29.4	-15.6	11.8	-47.66	-93.91	-85.3	-8.61	229	155	V

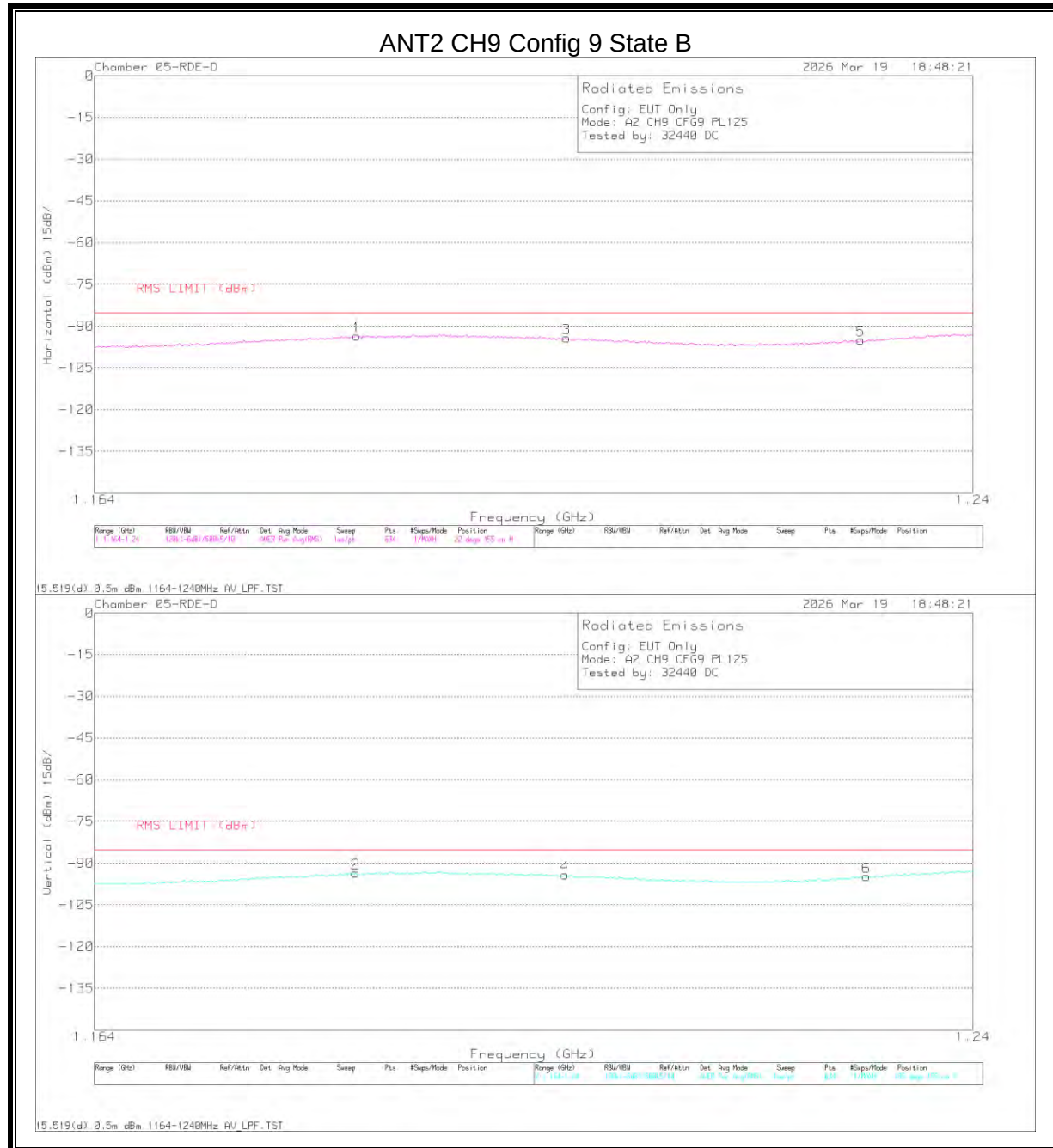
RMS - RMS detection



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	81887 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	1.184291	-71.38	RMS	28.8	-15.6	11.8	-47.84	-94.22	-85.3	-8.92	153	155	H
2	1.184051	-71.15	RMS	28.8	-15.6	11.8	-47.84	-93.99	-85.3	-8.69	185	155	V
3	1.207103	-72.23	RMS	29.1	-15.6	11.8	-47.83	-94.76	-85.3	-9.46	0	155	H
4	1.206742	-72.44	RMS	29.1	-15.6	11.8	-47.83	-94.97	-85.3	-9.67	118	155	V
5	1.232676	-72.24	RMS	29.4	-15.6	11.8	-47.67	-94.31	-85.3	-9.01	308	155	H
6	1.232196	-72.29	RMS	29.4	-15.6	11.8	-47.68	-94.37	-85.3	-9.07	53	155	V

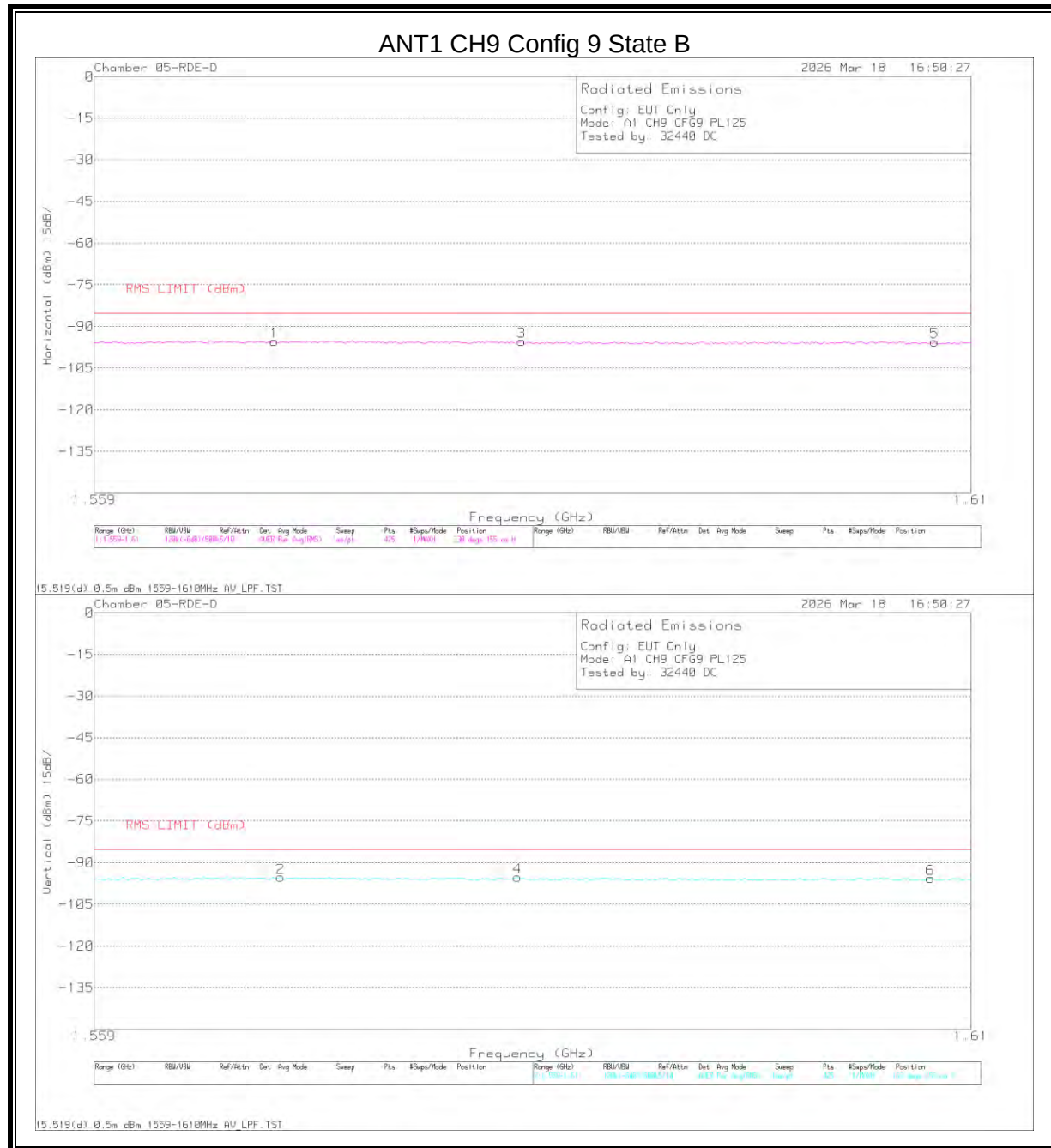
RMS - RMS detection



Trace Markers

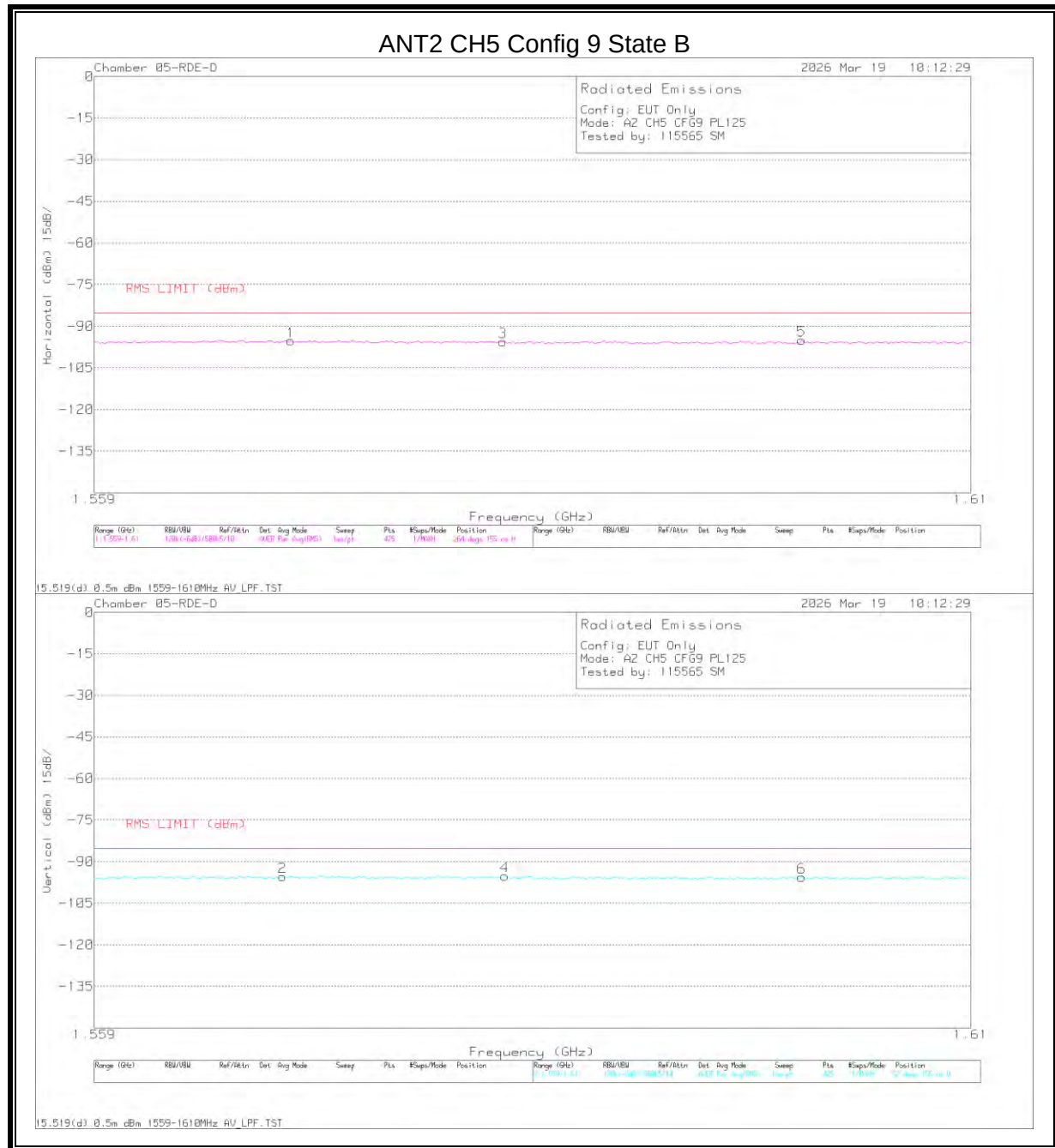
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	81887 ACF (dB/m)	Dist. Corr. (dB)	Conversion Factor (dB)	Gain/Loss (dB)	Corrected Reading (dBm)	RMS LIMIT (dBm)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.186212	-70.73	RMS	28.9	-15.6	11.8	-47.83	-93.46	-85.3	-8.16	176	155	H
2	1.186092	-70.76	RMS	28.9	-15.6	11.8	-47.84	-93.5	-85.3	-8.2	250	155	V
3	1.204221	-71.76	RMS	29.1	-15.6	11.8	-47.84	-94.3	-85.3	-9	88	155	H
4	1.204101	-71.76	RMS	29.1	-15.6	11.8	-47.84	-94.3	-85.3	-9	163	155	V
5	1.230035	-72.82	RMS	29.4	-15.6	11.8	-47.73	-94.95	-85.3	-9.65	88	155	H
6	1.230515	-72.64	RMS	29.4	-15.6	11.8	-47.71	-94.75	-85.3	-9.45	163	155	V

RMS - RMS detection

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

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	81887 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	1.569344	-72.71	RMS	28.4	-15.6	11.8	-47.3	-95.41	-85.3	-10.11	88	155	H
2	1.569705	-72.58	RMS	28.4	-15.6	11.8	-47.3	-95.28	-85.3	-9.98	74	155	V
3	1.583658	-72.81	RMS	28.5	-15.6	11.8	-47.28	-95.39	-85.3	-10.09	22	155	H
4	1.583417	-72.63	RMS	28.5	-15.6	11.8	-47.28	-95.21	-85.3	-9.91	185	155	V
5	1.607835	-73.01	RMS	28.7	-15.6	11.8	-47.44	-95.55	-85.3	-10.25	154	155	H
6	1.607594	-73.12	RMS	28.7	-15.6	11.8	-47.44	-95.66	-85.3	-10.36	207	155	V

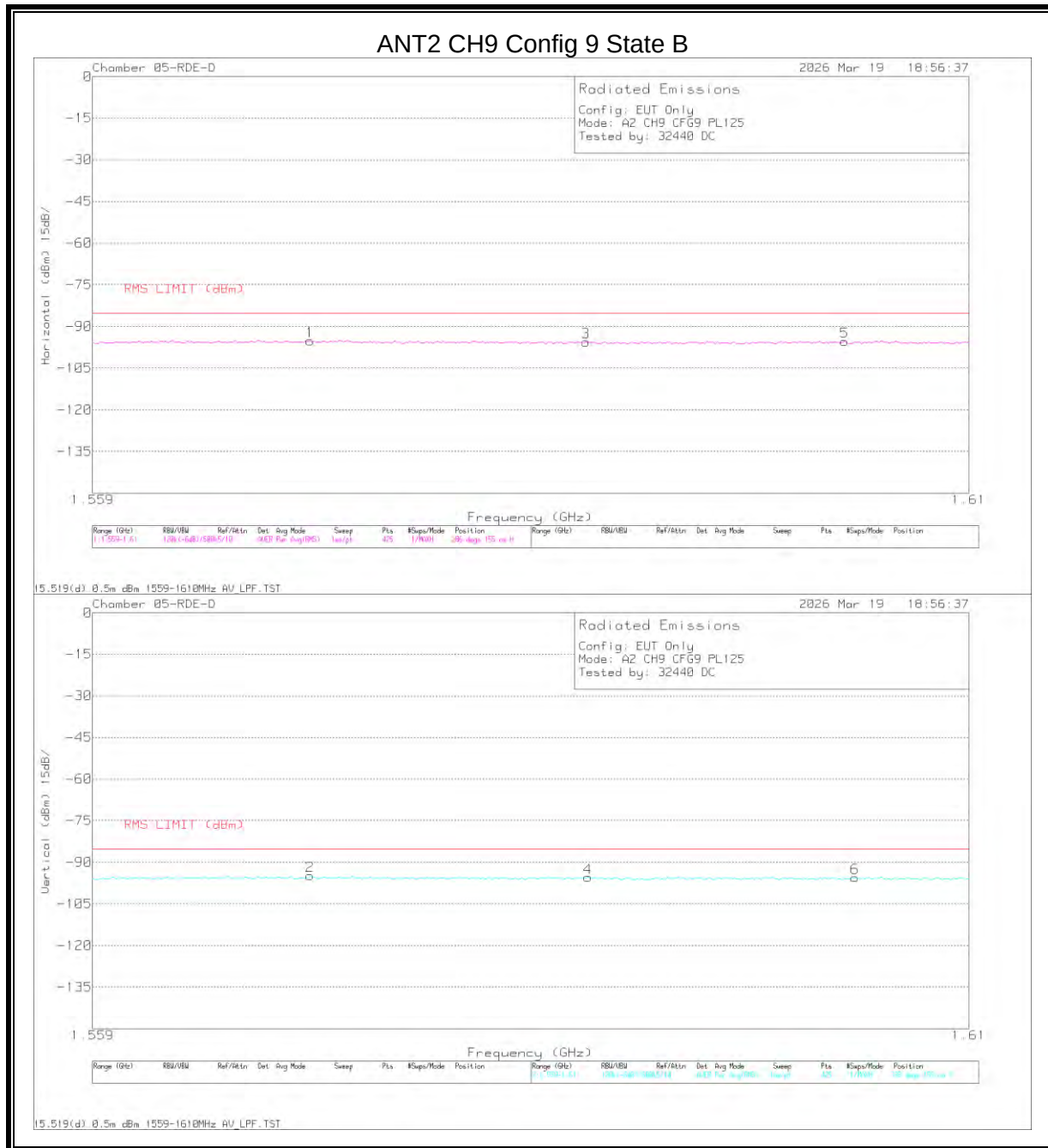
RMS - RMS detection



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	81887 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	-72.58	RMS	28.4	-15.6	11.8	-47.3	-95.28	-85.3	-9.98	132	155	H
2	1.569825	-72.7	RMS	28.4	-15.6	11.8	-47.3	-95.4	-85.3	-10.1	295	155	V
3	1.582575	-73.04	RMS	28.5	-15.6	11.8	-47.27	-95.61	-85.3	-10.31	88	155	H
4	1.582696	-72.61	RMS	28.5	-15.6	11.8	-47.27	-95.18	-85.3	-9.88	96	155	V
5	1.600017	-72.47	RMS	28.6	-15.6	11.8	-47.37	-95.04	-85.3	-9.74	154	155	H
6	1.600017	-73.02	RMS	28.6	-15.6	11.8	-47.37	-95.59	-85.3	-10.29	185	155	V

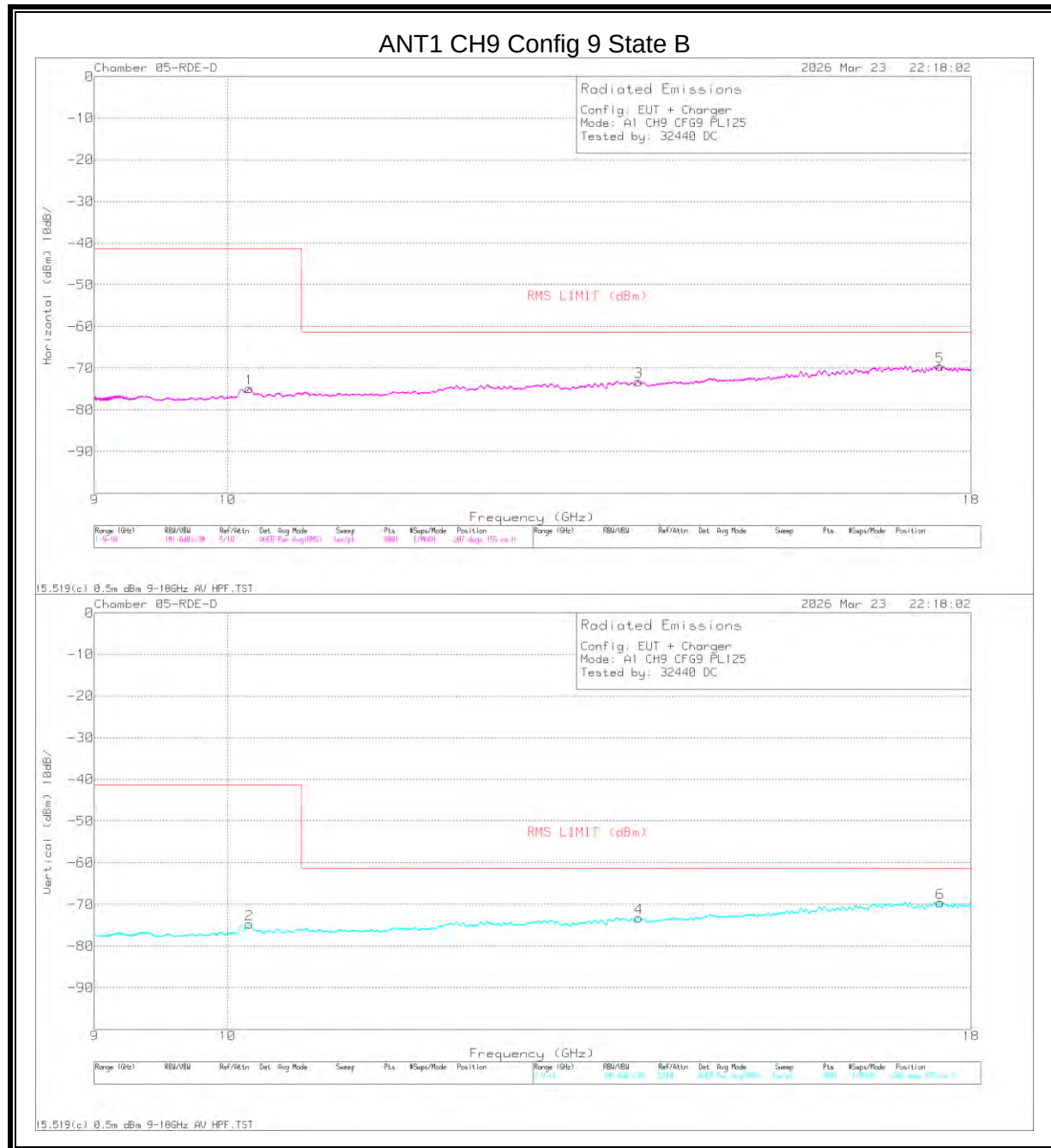
RMS - RMS detection



Trace Markers

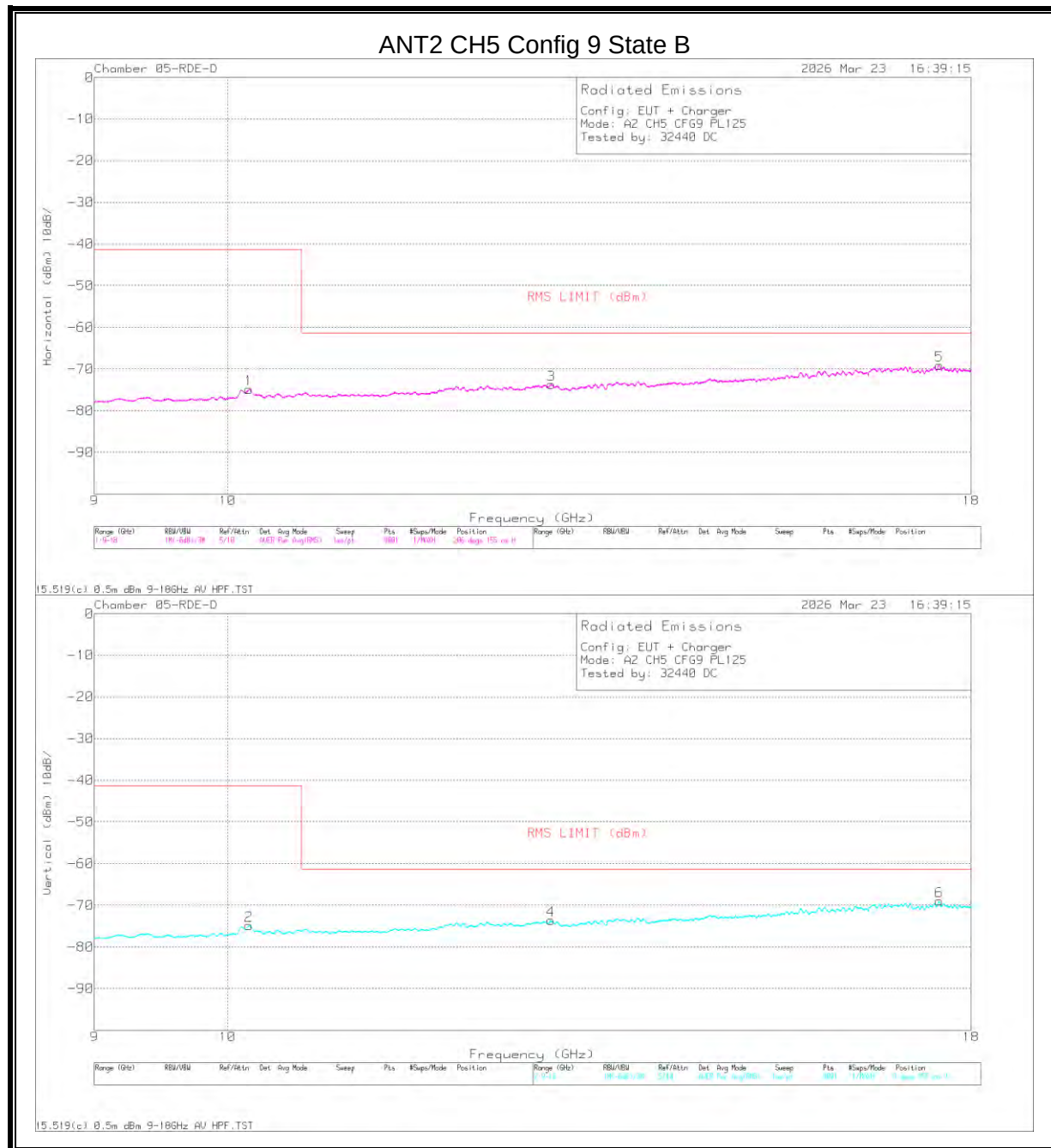
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	81887 ACF (dB/m)	Dist. Corr. (dB)	Conversion Factor (dB)	Gain/Loss (dB)	Corrected Reading (dBm)	RMS LIMIT (dBm)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.571509	-72.42	RMS	28.4	-15.6	11.8	-47.3	-95.12	-85.3	-9.82	220	155	H
2	1.571509	-72.15	RMS	28.4	-15.6	11.8	-47.3	-94.85	-85.3	-9.55	207	155	V
3	1.587507	-72.96	RMS	28.5	-15.6	11.8	-47.29	-95.55	-85.3	-10.25	66	155	H
4	1.587627	-72.88	RMS	28.5	-15.6	11.8	-47.29	-95.47	-85.3	-10.17	338	155	V
5	1.602663	-72.81	RMS	28.6	-15.6	11.8	-47.39	-95.4	-85.3	-10.1	88	155	H
6	1.603264	-72.89	RMS	28.6	-15.6	11.8	-47.39	-95.48	-85.3	-10.18	273	155	V

RMS - RMS detection

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

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	81887 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	10.175	-67.25	RMS	37.2	-15.6	11.8	-40.99	-74.84	-41.3	-33.54	163	155	H
2	10.174	-67.06	RMS	37.2	-15.6	11.8	-41.02	-74.68	-41.3	-33.38	242	155	V
3	13.843	-66.36	RMS	38.9	-15.6	11.8	-41.98	-73.24	-61.3	-11.94	74	155	H
4	13.843	-66.33	RMS	38.9	-15.6	11.8	-41.98	-73.21	-61.3	-11.91	110	155	V
5	17.564	-68.12	RMS	41.6	-15.6	11.8	-39.32	-69.64	-61.3	-8.34	119	155	H
6	17.565	-67.98	RMS	41.6	-15.6	11.8	-39.44	-69.62	-61.3	-8.32	286	155	V

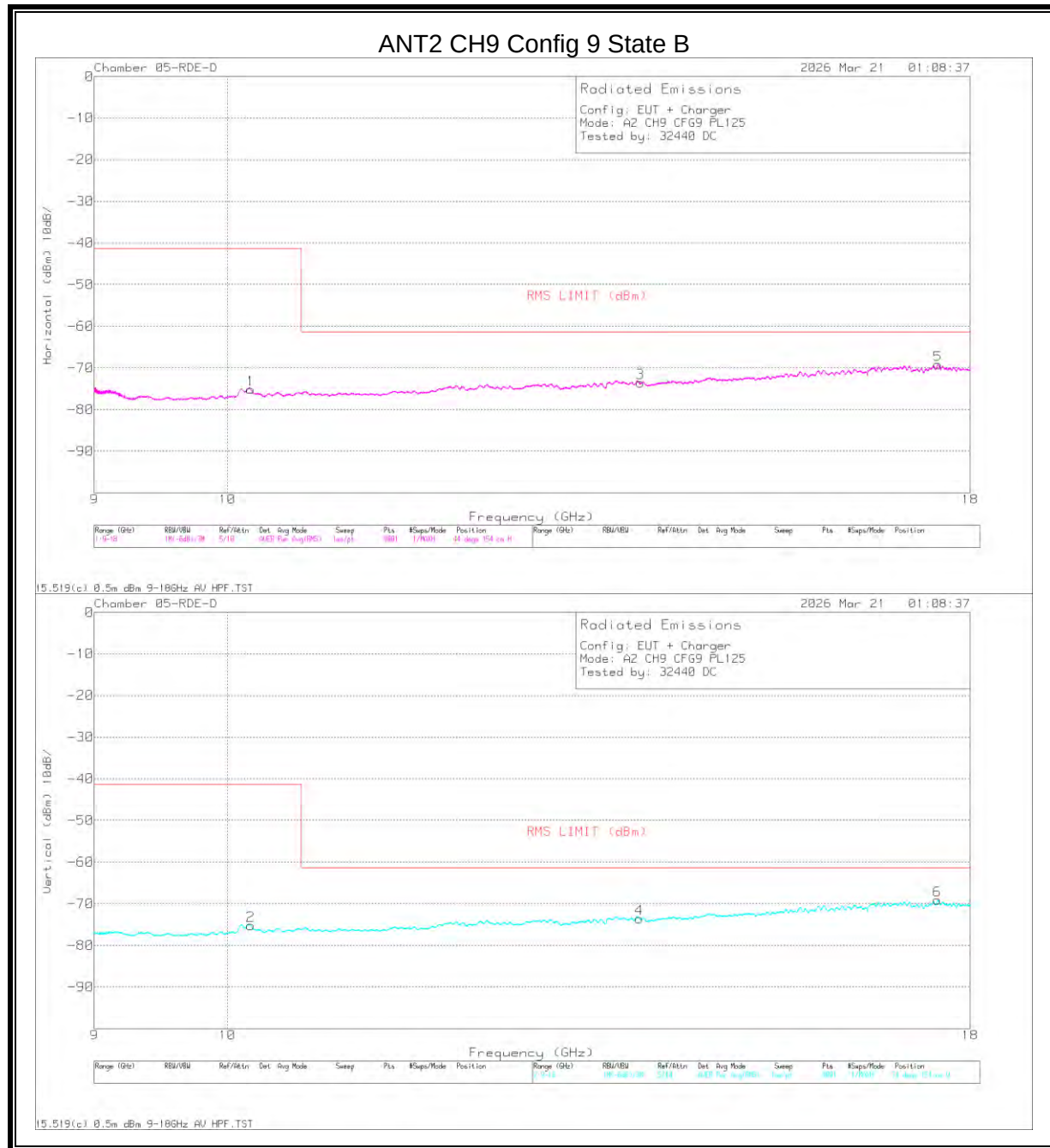
RMS - RMS detection



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	81887 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	10.171	-67.12	RMS	37.2	-15.6	11.8	-41.11	-74.83	-41.3	-33.53	360	155	H
2	10.17	-67.06	RMS	37.2	-15.6	11.8	-41.23	-74.89	-41.3	-33.59	88	155	V
3	12.919	-68.25	RMS	39.2	-15.6	11.8	-40.85	-73.7	-61.3	-12.4	228	155	H
4	12.914	-68.17	RMS	39.2	-15.6	11.8	-40.85	-73.62	-61.3	-12.32	132	155	V
5	17.551	-67.98	RMS	41.6	-15.6	11.8	-38.91	-69.09	-61.3	-7.79	251	155	H
6	17.553	-67.69	RMS	41.6	-15.6	11.8	-39.06	-68.95	-61.3	-7.65	220	155	V

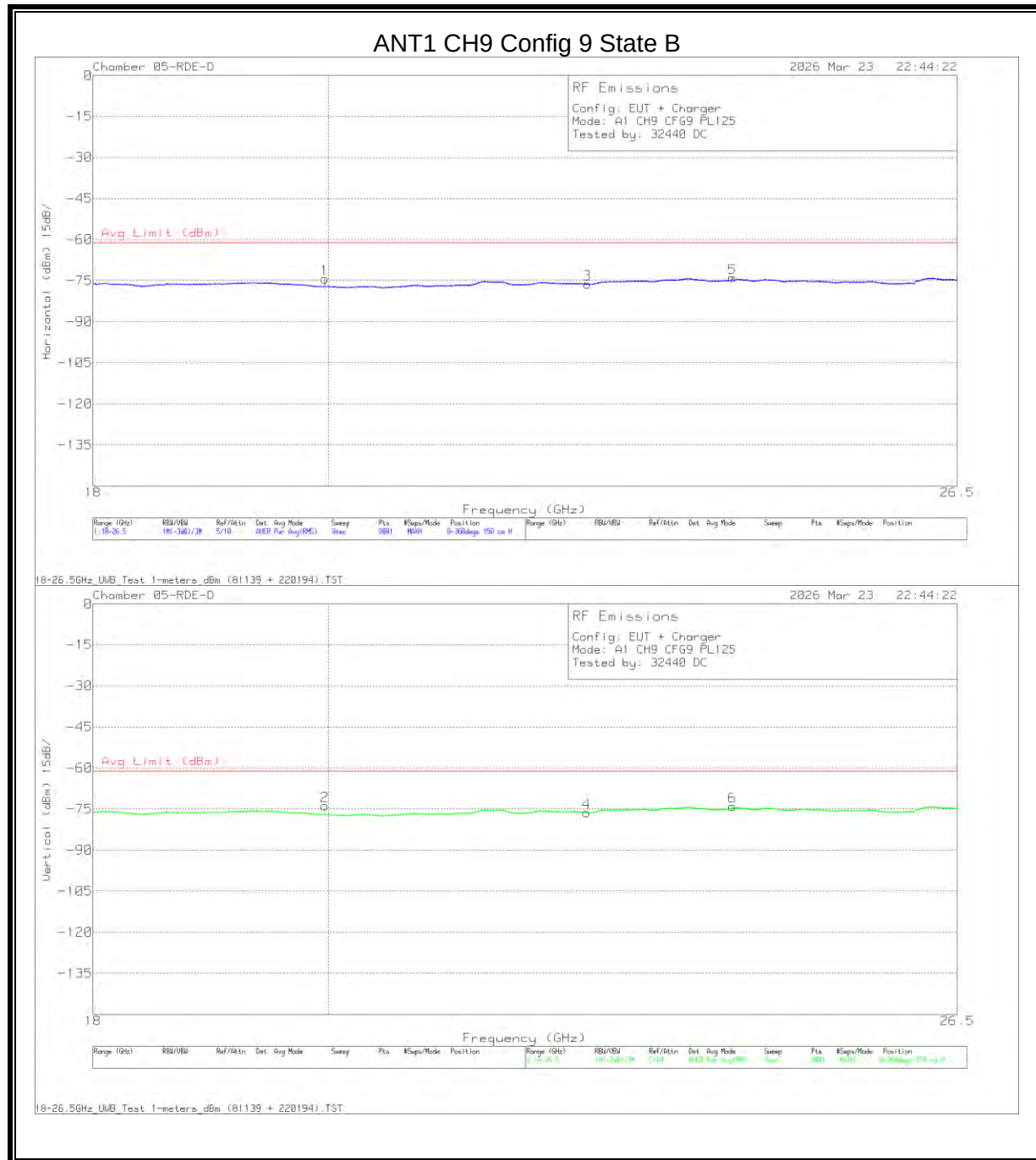
RMS - RMS detection



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	81887 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	10.187	-67.47	RMS	37.2	-15.6	11.8	-41.1	-75.17	-41.3	-33.87	1	154	H
2	10.1855	-67.48	RMS	37.2	-15.6	11.8	-41.1	-75.18	-41.3	-33.88	163	154	V
3	13.863	-66.3	RMS	38.9	-15.6	11.8	-42.42	-73.62	-61.3	-12.32	308	154	H
4	13.855	-66.37	RMS	38.8	-15.6	11.8	-42.27	-73.64	-61.3	-12.34	273	154	V
5	17.544	-68.24	RMS	41.6	-15.6	11.8	-38.83	-69.27	-61.3	-7.97	154	154	H
6	17.538	-67.88	RMS	41.6	-15.6	11.8	-39.07	-69.15	-61.3	-7.85	118	154	V

RMS - RMS detection

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

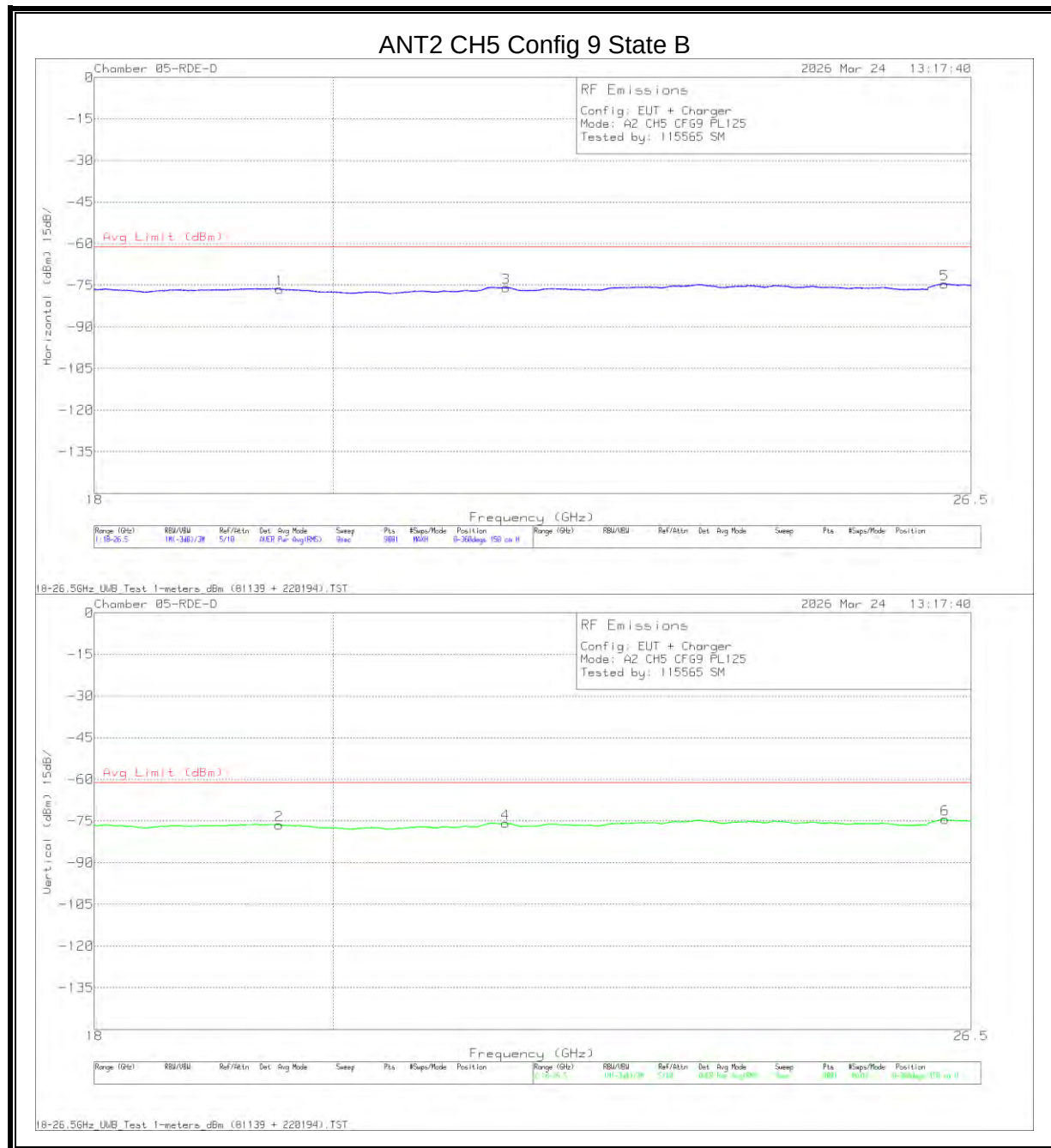
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	81139 ACF (dBm)	CBL/AMP (dB)	Cables (dB)	Dist Corr (dB)	Conv. Fact. (dB)	Corrected Reading (dBm)	Avg Limit (dBm)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	19.968221	-63.26	RMS	33.3	-62.4	15.7	-9.5	11.8	-74.36	-61.3	-13.06	0-360	150	H
2	19.967277	-62.69	RMS	33.3	-62.4	15.7	-9.5	11.8	-73.79	-61.3	-12.49	0-360	150	V
3	22.457776	-66.28	RMS	33.7	-62.4	16.5	-9.5	11.8	-76.18	-61.3	-14.88	0-360	150	H
4	22.451165	-66.37	RMS	33.7	-62.4	16.5	-9.5	11.8	-76.27	-61.3	-14.97	0-360	150	V
5	23.962275	-64.88	RMS	34.4	-62.8	17.1	-9.5	11.8	-73.88	-61.3	-12.58	0-360	150	H
6	23.964164	-64.91	RMS	34.4	-62.8	17.1	-9.5	11.8	-73.91	-61.3	-12.61	0-360	150	V

RMS - RMS detection

Radiated Emissions

Frequency (GHz)	Meter Reading (dBm)	Det	81139 ACF (dBm)	CBL/AMP (dB)	Cables (dB)	Dist Corr (dB)	Conv. Fact. (dB)	Corrected Reading (dBm)	Avg Limit (dBm)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
19.968221	-61.47	RMS	33.3	-62.4	15.7	-9.5	11.8	-72.57	-61.3	-11.27	242	150	H
19.968277	-62.19	RMS	33.3	-62.4	15.7	-9.5	11.8	-73.29	-61.3	-11.99	289	150	V
23.961275	-65.18	RMS	34.4	-62.8	17.1	-9.5	11.8	-74.18	-61.3	-12.88	253	150	H
23.962164	-65.51	RMS	34.4	-62.8	17.1	-9.5	11.8	-74.51	-61.3	-13.21	318	150	V

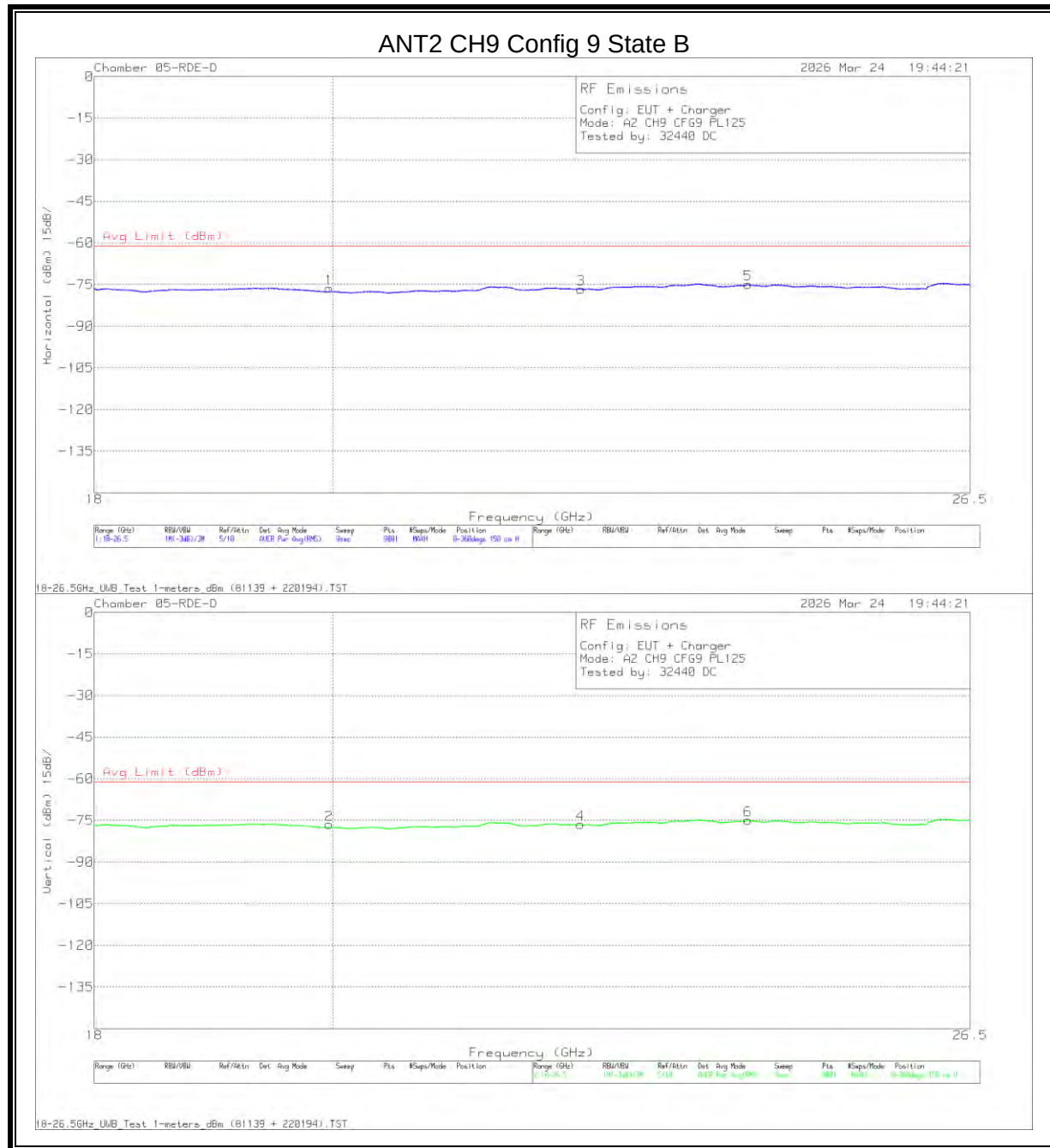
RMS - RMS detection



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	61139 ACF (dBm)	CBLIAMP (dB)	Cables (dB)	Dist Corr (dB)	Conv. Fact. (dB)	Corrected Reading (dBm)	Avg Limit (dBm)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	19.532833	-64.99	RMS	33.3	-62.4	15.4	-9.5	11.8	-76.39	-61.3	-15.09	0-360	150	H
2	19.529999	-64.95	RMS	33.3	-62.4	15.4	-9.5	11.8	-76.35	-61.3	-15.05	0-360	150	V
3	21.584165	-65.82	RMS	33.8	-62.3	16.2	-9.5	11.8	-75.82	-61.3	-14.52	0-360	150	H
4	21.579443	-65.76	RMS	33.8	-62.3	16.2	-9.5	11.8	-75.76	-61.3	-14.46	0-360	150	V
5	26.193052	-67.53	RMS	35.3	-62.7	18.1	-9.5	11.8	-74.53	-61.3	-13.23	0-360	150	H
6	26.199663	-67.4	RMS	35.3	-62.7	18.1	-9.5	11.8	-74.4	-61.3	-13.1	0-360	150	V

RMS - RMS detection



Trace Markers

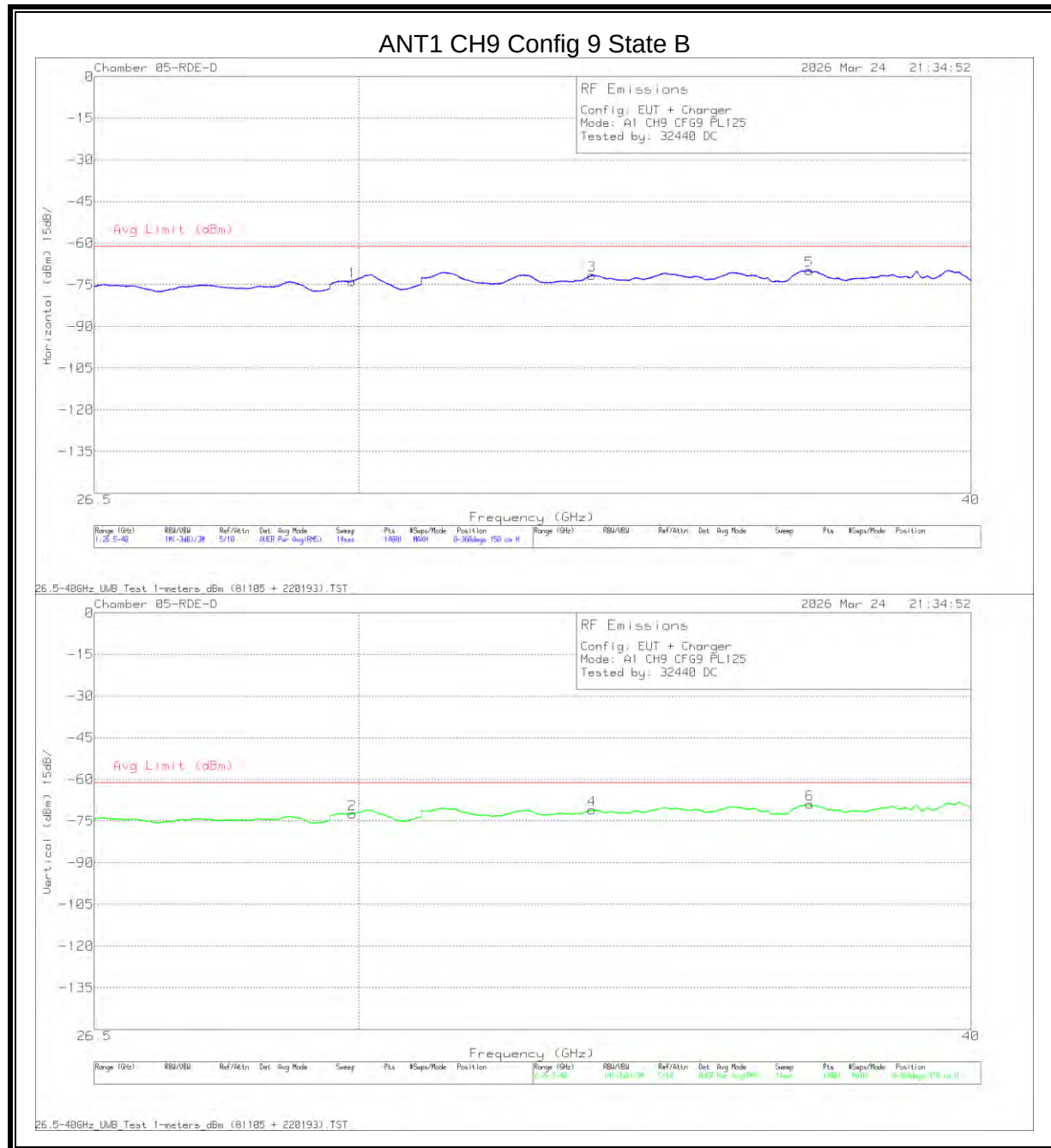
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	81139 ACF (dBm)	CBL/AMP (dB)	Cables (dB)	Dist Corr (dB)	Conv. Fact. (dB)	Corrected Reading (dBm)	Avg Limit (dBm)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	19.968221	-65.22	RMS	33.3	-62.4	15.7	-9.5	11.8	-76.32	-61.3	-15.02	0-360	150	H
2	19.967277	-65.39	RMS	33.3	-62.4	15.7	-9.5	11.8	-76.49	-61.3	-15.19	0-360	150	V
3	22.317998	-66.93	RMS	34	-62.4	16.5	-9.5	11.8	-76.53	-61.3	-15.23	0-360	150	H
4	22.313276	-66.86	RMS	34	-62.4	16.5	-9.5	11.8	-76.46	-61.3	-15.16	0-360	150	V
5	24.023664	-66.06	RMS	34.4	-62.7	17.1	-9.5	11.8	-74.96	-61.3	-13.66	0-360	150	H
6	24.022719	-65.98	RMS	34.4	-62.7	17.1	-9.5	11.8	-74.88	-61.3	-13.58	0-360	150	V

RMS - RMS detection

Radiated Emissions

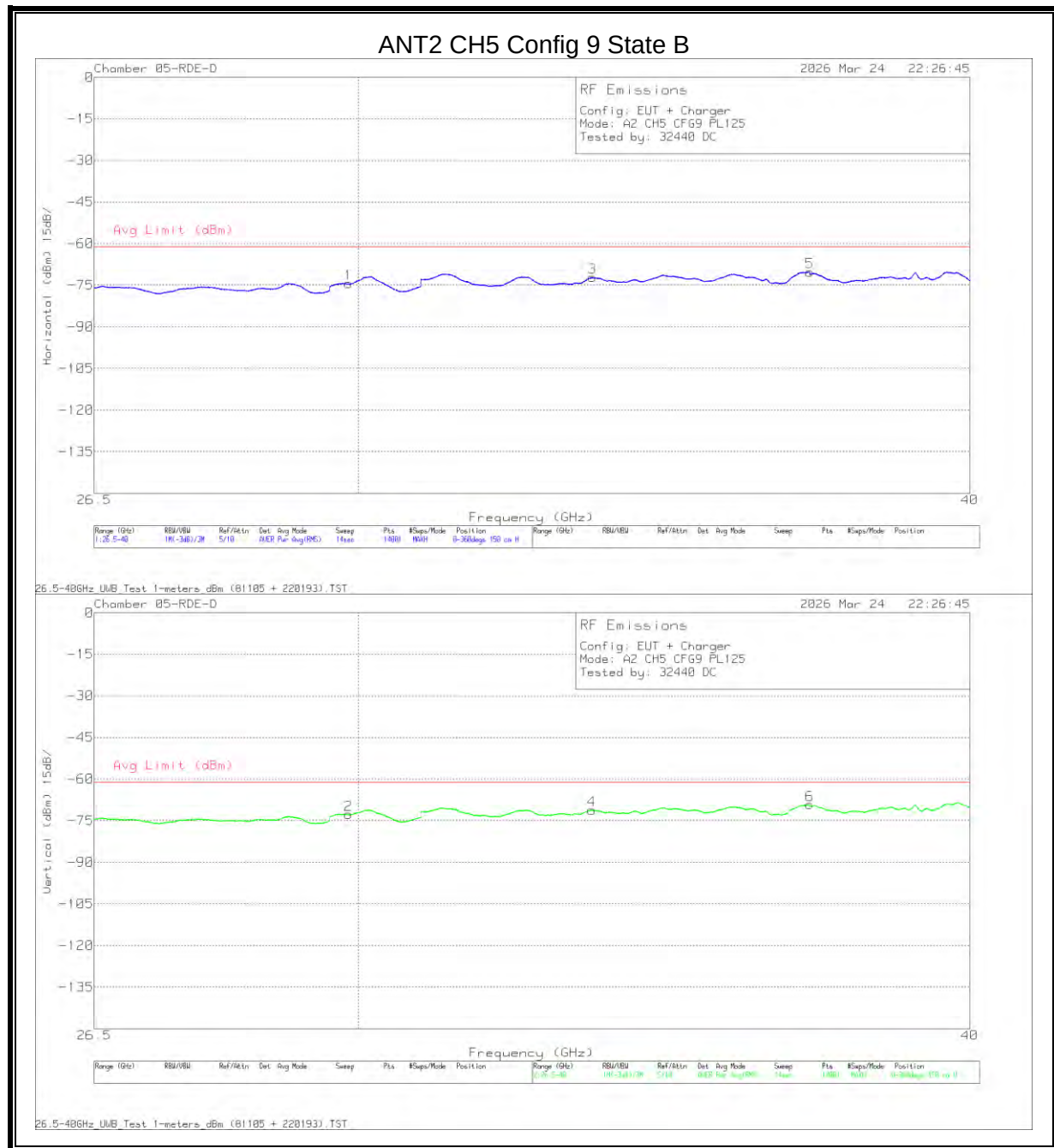
Frequency (GHz)	Meter Reading (dBm)	Det	81139 ACF (dBm)	CBL/AMP (dB)	Cables (dB)	Dist Corr (dB)	Conv. Fact. (dB)	Corrected Reading (dBm)	Avg Limit (dBm)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
19.968221	-63.83	RMS	33.3	-62.4	15.7	-9.5	11.8	-74.93	-61.3	-13.63	83	150	H
19.968277	-64.38	RMS	33.3	-62.4	15.7	-9.5	11.8	-75.48	-61.3	-14.18	46	150	V
24.000864	-66.97	RMS	34.4	-62.7	17.1	-9.5	11.8	-75.87	-61.3	-14.57	180	150	H
24.001919	-66.97	RMS	34.4	-62.7	17.1	-9.5	11.8	-75.87	-61.3	-14.57	169	150	V

RMS - RMS detection

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

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	81189 ACF (dBm)	CBLIAMP (dB)	Dist Corr (dB)	Conversion Factor (dB)	Cables (dB)	Corrected Reading (dBm)	Avg Limit (dBm)	Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
1	29.911644	-68.31	RMS	36.9	-64.3	-9.5	11.8	19.7	-73.71	-61.3	-12.41	0-360	150	H
2	29.91743	-67.03	RMS	36.9	-64.3	-9.5	11.8	19.7	-72.43	-61.3	-11.13	0-360	150	V
3	33.478538	-68.66	RMS	37.9	-64	-9.5	11.8	20.9	-71.56	-61.3	-10.26	0-360	150	H
4	33.478538	-68.06	RMS	37.9	-64	-9.5	11.8	20.9	-70.96	-61.3	-9.66	0-360	150	V
5	37.069539	-67.61	RMS	38.4	-65	-9.5	11.8	22	-69.91	-61.3	-8.61	0-360	150	H
6	37.084003	-66.74	RMS	38.4	-64.9	-9.5	11.8	22	-68.94	-61.3	-7.64	0-360	150	V

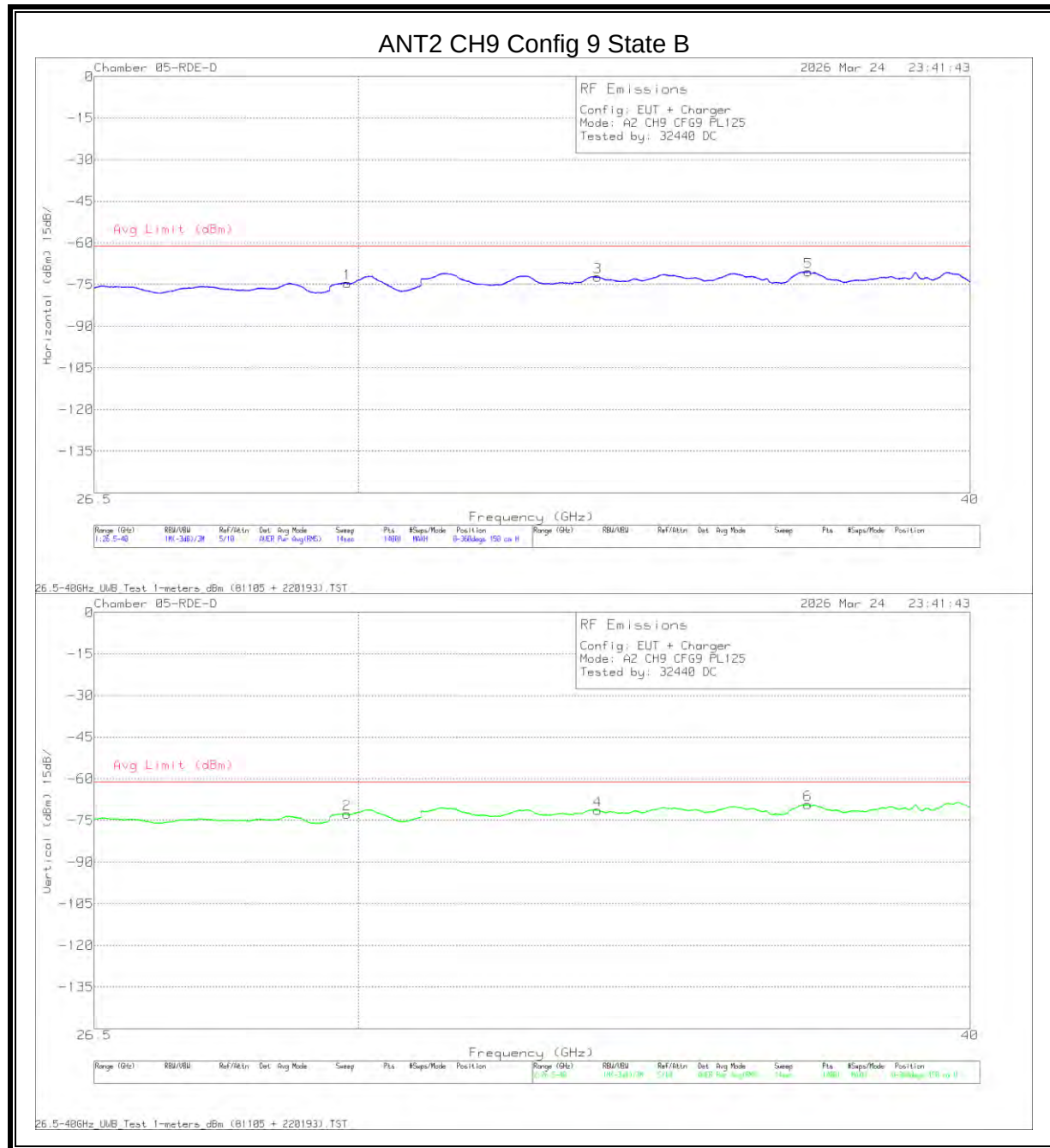
RMS - RMS detection



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	81105 ACF (dBm)	CBL/AMP (dB)	Dist Corr (dB)	Conversion Factor (dB)	Cables (dB)	Corrected Reading (dBm)	Avg Limit (dBm)	Margin (dB)	Altitude (Deg)	Height (cm)	Polarity
1	29.864394	-69.13	RMS	36.9	-64.1	-9.5	11.8	19.6	-74.43	-61.3	-13.13	0-360	150	H
2	29.867287	-67.45	RMS	36.9	-64.1	-9.5	11.8	19.6	-72.75	-61.3	-11.45	0-360	150	V
3	33.491074	-69.21	RMS	37.9	-64	-9.5	11.8	20.9	-72.11	-61.3	-10.81	0-360	150	H
4	33.485288	-68.28	RMS	37.9	-64	-9.5	11.8	20.9	-71.18	-61.3	-9.88	0-360	150	V
5	37.096539	-68.04	RMS	38.4	-64.9	-9.5	11.8	22	-70.24	-61.3	-8.94	0-360	150	H
6	37.09461	-66.98	RMS	38.4	-64.9	-9.5	11.8	22	-69.18	-61.3	-7.88	0-360	150	V

RMS - RMS detection



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	61105 ACF (dBm)	CBL/JAMP (dB)	Dist Corr (dB)	Conversion Factor (dB)	Cables (dB)	Corrected Reading (dBm)	Avg Limit (dBm)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	29.848001	-69.34	RMS	36.9	-64	-9.5	11.8	19.6	-74.54	-61.3	-13.24	0-360	150	H
2	29.841251	-67.52	RMS	36.9	-64	-9.5	11.8	19.6	-72.72	-61.3	-11.42	0-360	150	V
3	33.572074	-69.38	RMS	37.8	-64	-9.5	11.8	21	-72.28	-61.3	-10.98	0-360	150	H
4	33.574966	-68.41	RMS	37.8	-64	-9.5	11.8	21	-71.31	-61.3	-10.01	0-360	150	V
5	37.07436	-68.07	RMS	38.4	-65	-9.5	11.8	22	-70.37	-61.3	-9.07	0-360	150	H
6	37.064717	-66.91	RMS	38.4	-65	-9.5	11.8	22	-69.21	-61.3	-7.91	0-360	150	V

RMS - RMS detection

10. 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.

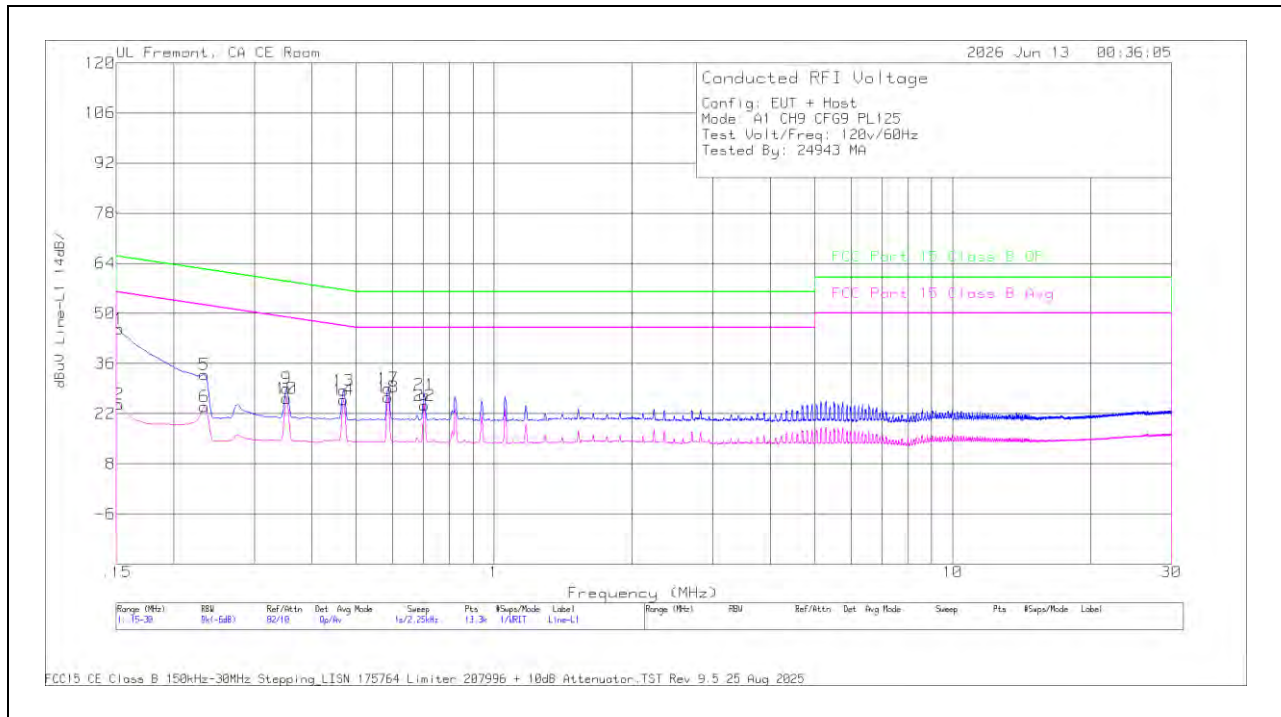
Line conducted data is recorded for both HOT (L1) and NEUTRAL (L2) lines.

RESULTS

Employee IDs: 24943

Location: 04-IMM-A

Test Date: June 13, 2026

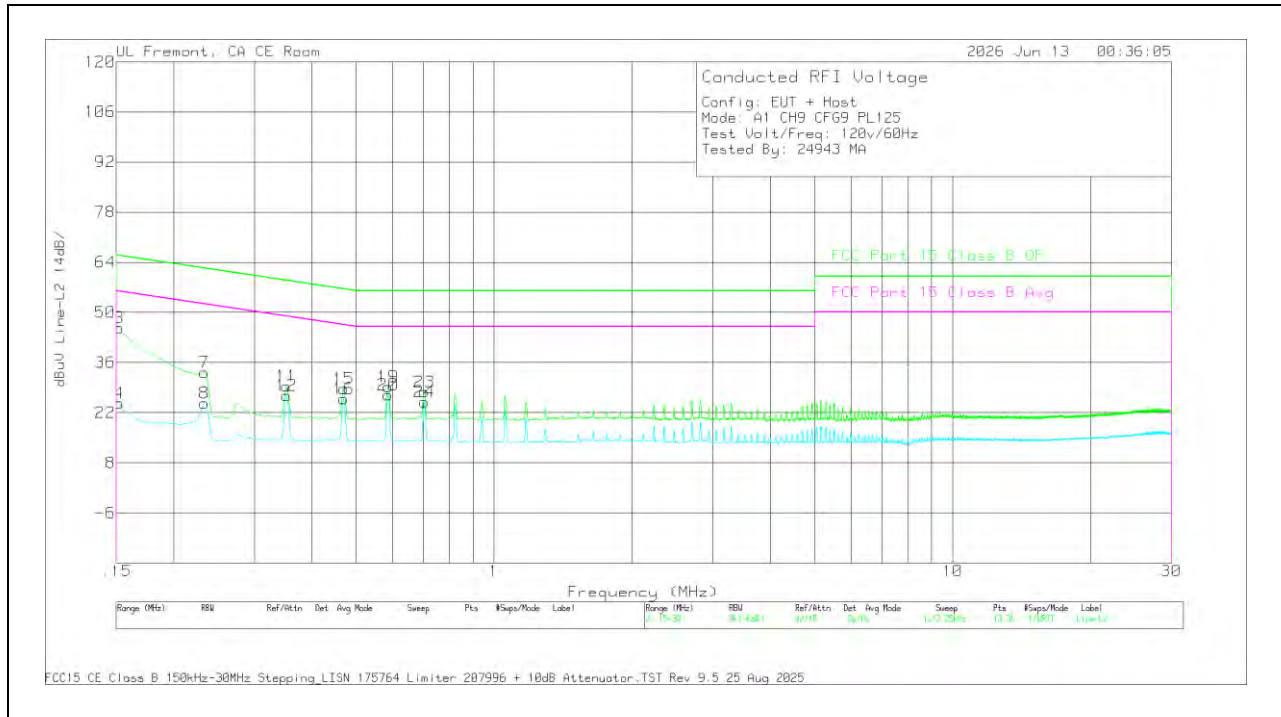
10.1. AC Power Line With Laptop**LINE 1 RESULTS**

Range 1: Line-L1 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	175764 LISN L1 (dB)	Line 1 C3_C1_plus Limiter (dB)	Attenuator (dB)	Corrected Reading dBuV	FCC Part 15 Class B QP (dBuV)	QP Margin (dB)	FCC Part 15 Class B Avg (dBuV)	Av Margin (dB)
2	.1523	5.32	Av	.1	9.4	9.9	24.72	-	-	55.88	-31.16
6	.2333	4.65	Av	0	9.4	9.9	23.95	-	-	52.33	-28.38
10	.3525	6.9	Av	0	9.4	9.9	26.2	-	-	48.9	-22.7
14	.4695	6.69	Av	0	9.3	9.9	25.89	-	-	46.52	-20.63
18	.5865	7.45	Av	0	9.3	9.9	26.65	-	-	46	-19.35
22	.7058	5.05	Av	0	9.3	9.9	24.25	-	-	46	-21.75
1	.1523	26.37	Qp	.1	9.4	9.9	45.77	65.88	-20.11	-	-
5	.2333	13.68	Qp	0	9.4	9.9	32.98	62.33	-29.35	-	-
9	.3525	9.7	Qp	0	9.4	9.9	29	58.9	-29.9	-	-
13	.4695	9.26	Qp	0	9.3	9.9	28.46	56.52	-28.06	-	-
17	.5865	9.79	Qp	0	9.3	9.9	28.99	56	-27.01	-	-
21	.7058	8.12	Qp	0	9.3	9.9	27.32	56	-28.68	-	-

Qp - Quasi-Peak detector

Av - Average detection

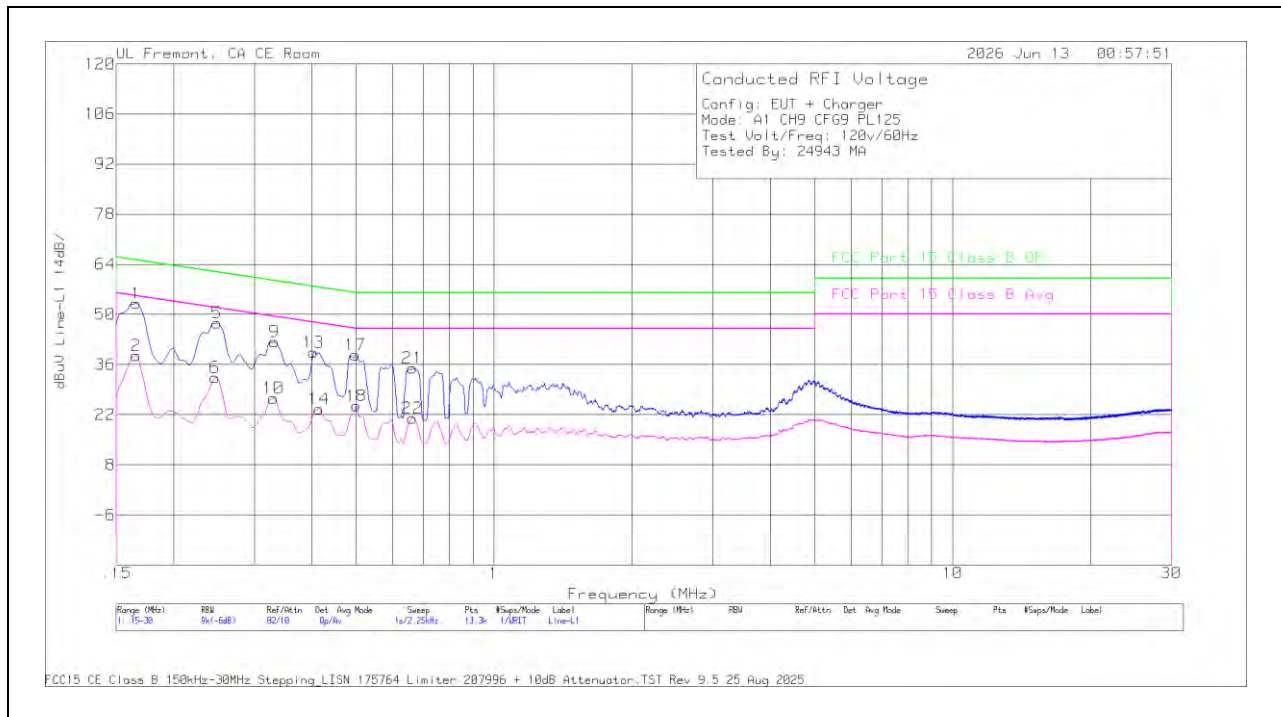
LINE 2 RESULTS



Range 2: Line-L2 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	175764 LISN L2 (dB)	Line 2 C3, C2, plus Limiter (dB)	Attenuator (dB)	Corrected Reading (dBuV)	FCC Part 15 Class B QP (dBuV)	QP Margin (dB)	FCC Part 15 Class B Avg (dBuV)	Av Margin (dB)
4	.1523	5.32	Av	.1	9.4	9.9	24.72	-	-	55.88	-31.16
8	.2333	5.32	Av	.1	9.4	9.9	24.72	-	-	52.33	-27.61
12	.3525	7.47	Av	0	9.4	9.9	26.77	-	-	48.9	-22.13
16	.4695	6.77	Av	0	9.3	9.9	25.97	-	-	46.52	-20.55
20	.5865	7.73	Av	0	9.3	9.9	26.93	-	-	46	-19.07
24	.7058	5.67	Av	0	9.4	9.9	24.97	-	-	46	-21.03
3	.1523	26.36	Qp	.1	9.4	9.9	45.76	65.88	-20.12	-	-
7	.2333	13.93	Qp	.1	9.4	9.9	33.33	62.33	-29	-	-
11	.3525	10.11	Qp	0	9.4	9.9	29.41	58.9	-29.49	-	-
15	.4695	9.45	Qp	0	9.3	9.9	28.65	56.52	-27.87	-	-
19	.5865	9.99	Qp	0	9.3	9.9	29.19	56	-26.81	-	-
23	.7058	8.46	Qp	0	9.4	9.9	27.76	56	-28.24	-	-

Qp - Quasi-Peak detector

Av - Average detection

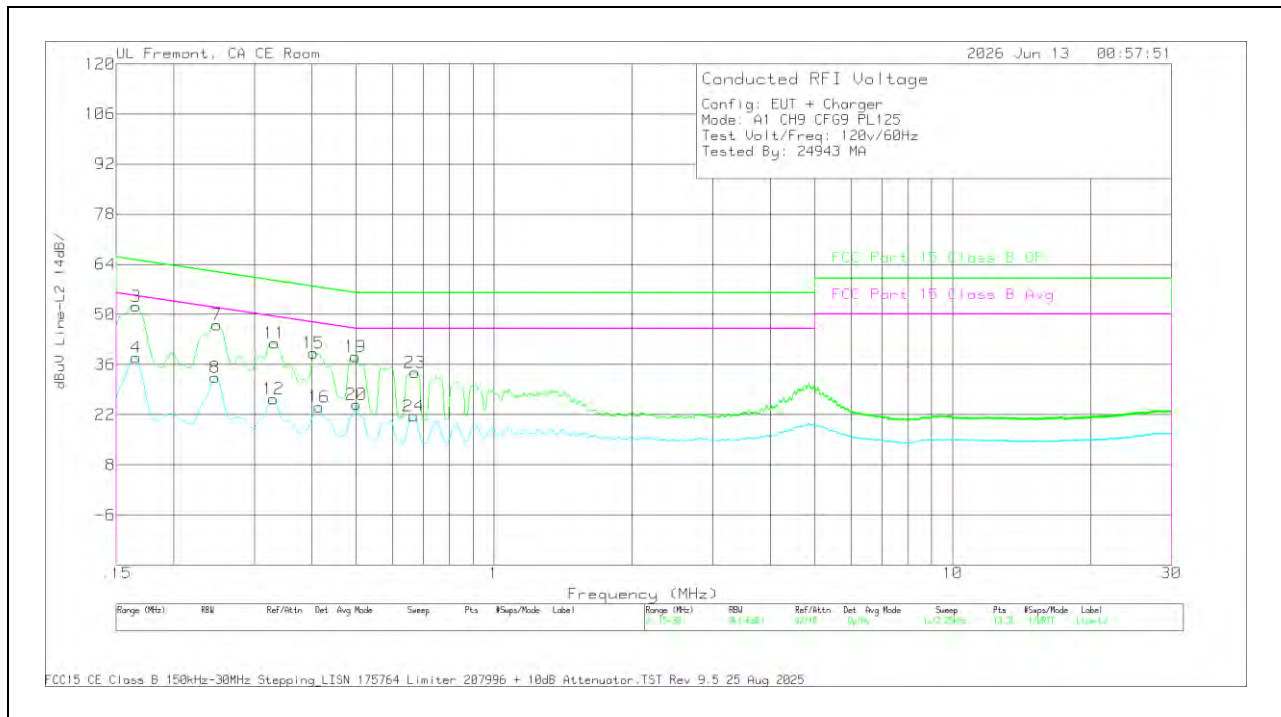
10.2. AC Power Line With AC/DC Adapter**LINE 1 RESULTS**

Range 1: Line-L1 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	175764 LISN L1 (dB)	Line 1 C3_C1_plus Limiter (dB)	Attenuator (dB)	Corrected Reading (dBuV)	FCC Part 15 Class B QP (dBuV)	QP Margin (dB)	FCC Part 15 Class B Avg (dBuV)	Av Margin (dB)
2	.1658	19.1	Av	.1	9.4	9.9	38.5	-	-	55.17	-16.67
6	.2468	13.08	Av	0	9.4	9.9	32.38	-	-	51.87	-19.49
10	.33	7.47	Av	0	9.3	9.9	26.67	-	-	49.45	-22.78
14	.4155	4.49	Av	0	9.3	9.9	23.69	-	-	47.54	-23.85
18	.501	5.23	Av	0	9.3	9.9	24.43	-	-	46	-21.57
22	.663	1.61	Av	0	9.4	10	21.01	-	-	46	-24.99
1	.1658	33.63	Qp	.1	9.4	9.9	53.03	65.17	-12.14	-	-
5	.249	28.29	Qp	0	9.4	9.9	47.59	61.79	-14.2	-	-
9	.3323	23.19	Qp	0	9.3	9.9	42.39	59.39	-17	-	-
13	.4043	20.15	Qp	0	9.3	9.9	39.35	57.77	-18.42	-	-
17	.4988	19.43	Qp	0	9.3	9.9	38.63	56.02	-17.39	-	-
21	.663	15.62	Qp	0	9.4	10	35.02	56	-20.98	-	-

Qp - Quasi-Peak detector

Av - Average detection

LINE 2 RESULTS



Range 2: Line-L2 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	175764 LISN L2 (dB)	Line 2 C3, C2, plus Limiter (dB)	Attenuator (dB)	Corrected Reading (dBuV)	FCC Part 15 Class B QP (dBuV)	QP Margin (dB)	FCC Part 15 Class B Avg (dBuV)	Av Margin (dB)
4	.1658	18.59	Av	.1	9.4	9.9	37.99	-	-	55.17	-17.18
8	.2468	13.03	Av	.1	9.4	9.9	32.43	-	-	51.87	-19.44
12	.33	7.22	Av	0	9.3	9.9	26.42	-	-	49.45	-23.03
16	.4155	4.99	Av	0	9.3	9.9	24.19	-	-	47.54	-23.35
20	.501	5.65	Av	0	9.3	9.9	24.85	-	-	46	-21.15
24	.6675	2.22	Av	0	9.4	10	21.62	-	-	46	-24.38
3	.1658	32.87	Qp	.1	9.4	9.9	52.27	65.17	-12.9	-	-
7	.249	27.75	Qp	.1	9.4	9.9	47.15	61.79	-14.64	-	-
11	.3323	22.82	Qp	0	9.3	9.9	42.02	59.39	-17.37	-	-
15	.4043	20.05	Qp	0	9.3	9.9	39.25	57.77	-18.52	-	-
19	.4988	19.04	Qp	0	9.3	9.9	38.24	56.02	-17.78	-	-
23	.672	14.41	Qp	0	9.4	10	33.81	56	-22.19	-	-

Qp - Quasi-Peak detector

Av - Average detection

11. SETUP PHOTOS

Please refer to 16064952-EP1V1 for setup photos.

12. SPOT CHECK EVALUATION

12.1. MODEL DIFFERENCES

The manufacturer hereby declares the following for models A3447, A3719, A3720 and A3721. These models are very similar, with only the following differences.

Model	FCC ID	IC ID	Feature Difference	Sim Support	Reference Model
A3447	BCG-E9188A	579C-E9188A	-With FR2 -No B11, B21	eSIM	-
A3719	BCG-E9198A	579C-E9198A	-Without FR2 -Added B11, B21		A3447
A3720	BCG-E9203A	579C-E9203A	-Without FR2 -No LTE/5G NR B14, B29, B71, B11, B21		
A3721	BCG-E9204A	579C-E9204A	-Without FR2 -No LTE/5G NR B14, B29, B71, B11, B21, B53 -No MSS		

Note:

- All Models use the same System, Cellular and Connectivity radio electrical schematics.
- Removal of LTE/ 5G NR bands on models either done by software or de-population of related components. 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

12.2. SPOT CHECK VERIFICATION RESULTS SUMMARY FOR A3719

A3719 SPOT CHECK RESULTS											
Equipment Class / Technology	Worst Mode	Channel	Config	PL	Test Item	Measured Frequency (GHz)	Original Model: A3447	Sub Model: A3719	Delta (dB or MHz)	Margin	Remarks
							FCC ID : BCG-E9188A IC : 579C-E9188A	FCC ID : BCG-E9198A IC : 579C-E9198A			
UWB	Ant 1 State B	9	103	25	Avg EIRP Power (dBm)	6 to 9	-42.30	-42.32	-0.02	-1.00	Note 1
	Ant 2 State B	5	9	125	Operating Bandwidth (MHz)	6 to 9	522.63	522.63	0.00	N/A	Note 3
	Ant 1 State B	9	9	125	Out-Of-Band Emissions (dBm)	0.03-0.96	35.26	35.49	0.23	-4.74	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.

12.3. SPOT CHECK VERIFICATION RESULTS SUMMARY FOR A3720

A3720 SPOT CHECK RESULTS											
Equipment Class / Technology	Worst Mode	Channel	Config	PL	Test Item	Measured Frequency (GHz)	Original Model: A3447	Sub Model: A3720	Delta (dB or MHz)	Margin	Remarks
							FCC ID : BCG-E9188A IC : 579C-E9188A	FCC ID : BCG-E9203A IC : 579C-E9203A			
UWB	Ant 1 State B	9	103	25	Avg EIRP Power (dBm)	6 to 9	-42.30	-42.62	-0.32	-1.00	Note 1
	Ant 2 State B	5	9	125	Operating Bandwidth (MHz)	6 to 9	522.63	522.63	0.00	N/A	Note 3
	Ant 1 State B	9	9	125	Out-Of-Band Emissions (dBm)	0.03-0.96	36.26	34.81	-1.45	-3.74	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.

12.4. SPOT CHECK VERIFICATION RESULTS SUMMARY FOR A3721

A3721 SPOT CHECK RESULTS											
Equipment Class / Technology	Worst Mode	Channel	Config	PL	Test Item	Measured Frequency (GHz)	Original Model: A3447	Sub Model: A3721	Delta (dB or MHz)	Margin	Remarks
							FCC ID : BCG-E9188A IC : 579C-E9188A	FCC ID : BCG-E9204A IC : 579C-E9204A			
UWB	Ant 1 State B	9	103	25	Avg EIRP Power (dBm)	6 to 9	-42.30	-42.39	-0.09	-1.00	Note 1
	Ant 2 State B	5	9	125	Operating Bandwidth (MHz)	6 to 9	522.63	523.63	1.00	N/A	Note 3
	Ant 1 State B	9	9	125	Out-Of-Band Emissions (dBm)	0.03-0.96	35.26	34.68	-0.58	-4.74	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.