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EMITECH MONTPELLIER laboratory
Registration Number: 954701
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RADIO TEST REPORT

FCC 47 CFR PART 15: September 2025

FCC 47 CFR PART 15.249

RSS-GEN, Issue 5: April 2018 / AMD1: 2019 / AMD2: 2021

RSS-210, Issue 11: June 2024

Company: **TELECOM DESIGN S.A.**
Address: 2 BIS RUE NULLY DE HARCOURT
33610 CANEJAN
FRANCE

Test item description: **Smartwatch**
Trade Mark: TELECOM DESIGN
Manufacturer: TELECOM DESIGN S.A.
FCC ID: 2AGMK-WTC11
IC: 21552-WTC11
Model/Type reference: TD-WTC-11/IKARYA WATCH
Ratings: 4.2Vdc to 3.7Vdc

Testing Laboratory: **EMITECH MONTPELLIER laboratory**
Address: 145 rue de Massacan
34740 VENDARGUES
FRANCE

Report Reference No: **RR-EVE-26A556-2A**
Test procedure: FCC IC Certification
Diffusion: Mr FARADI Tarik
Applicant's name: TELECOM DESIGN S.A.
Date of issue: June 8, 2026
Total number of pages: 70
Revision: 0
Compiled by: Alexis TOUZET
Approved by (+ signature): Olivier HEYER (Deputy Laboratory Manager)



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This document is the result of testing a specimen or a sample of the product submitted. It does not imply an assessment of the conformity of
the whole manufactured products of the tested sample.*

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REVISION HISTORY:

Revision	Date	Modified pages	Modifications
0	June 8, 2026	/	Creation

1. GENERAL INFORMATION

This document submits the results of Radio tests performed on the equipment **Ikarya watch TD-WTC-11** (denominated hereafter E.U.T.: equipment under test) according to document(s) listed in §2 of this test report.

TESTING PROCEDURE AND TESTING LOCATION:					
Testing Location.....		EMITECH MONTPELLIER laboratory			
Address.....		145 rue de Massacan 34740 VENDARGUES FRANCE			
Test procedure.....		FCC IC Certification			
Tested by		Alexis TOUZET			
Test supervisor.....		None			
Date of receipt of test item		N/A			
Date (s) of performance of tests.....		From February 16 th to 20 th of 2026			
APPLICANT'S GENERAL INFORMATION:					
Company name.....		TELECOM DESIGN S.A.			
Company address.....		2 BIS RUE NULLY DE HARCOURT 33610 CANEJAN FRANCE			
Person(s) present during the tests.....		Mr FARADI Tarik			
Responsible.....		Mr FARADI Tarik			
GENERAL REMARKS:					
The information in <i>italics</i> is declared by the manufacturer and is under his responsibility The test results presented in this report relate only to the object tested. The results contained in this report reflect the results for this particular model and serial number. It is the responsibility of the manufacturer to ensure that all production models meet the intent of the requirements detailed within this report. "(see Enclosure #)" refers to additional information appended to the report. "(see appended table)" refers to a table appended to the report. Throughout this report the decimal separator is point.					
POSSIBLE TEST CASE VERDICTS:					
Test case does not apply to the test object.:		N/A			
Test case not performed.		N/P			
Test object does meet the requirement.		P (Pass)			
Test object does not meet the requirement.:		F (Fail)			
DEFINITIONS AND ABBREVIATIONS:					
E.U.T.	Equipment Under Test	AE	Ancillary Equipment	Pk	Peak detector
RBW	Resolution BandWidth	VBW	Video BandWidth	QP	Quasi-peak detector
FSOATS	Free Space Open Area Test Site	FAR	Full Anechoic Room	Av	Average detector
VP	Vertical Polarization	HP	Horizontal Polarization	RMS	Root Mean Square
RF	Radio Frequency	N.T.R	Nothing To Report	N/C	Not Communicated
SAC	Semi Anechoic Chamber				

2. REFERENCE DOCUMENT(S)

NORMATIVE REFERENCES:

The following referenced documents are necessary for the application of the present test report.

FCC 47 CFR PART 15: September 2025

Code of federal regulations Title 47 telecommunication - Part 15 - Radio frequency devices

FCC 47 CFR PART 15.249

Operation within the bands 902-928 MHz, 2400-2483.5 MHz, 5725-5875 MHz, and 24.0-24.25 GHz.

RSS-GEN, Issue 5: April 2018 / AMD1: 2019 / AMD2: 2021

General Requirements for Compliance of Radio Apparatus

RSS-210, Issue 11: June 2024

Licence-exempt Radio Apparatus: Category I Equipment

Annex B – Devices Operating in Frequency Bands for Any Application

ANSI C63.10: 2020

American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices

Although the product standard uses obsolete technical standards, the latest versions of standards achievable by the laboratory will be used for testing.

INFORMATIVE REFERENCES:

The following referenced documents are not necessary for the application of the present test report but they assist the user with regard to a particular subject area.

3. EQUIPMENT TECHNICAL DESCRIPTION

3.1. Test Conditions

Test item description.: Smartwatch

Model/Type reference.: TD-WTC-11/IKARYA WATCH

Trade Mark.: TELECOM DESIGN

Serial number (S/N).....: 2D99 FESB
2D99 FDSP

Part number (P/N).: Not communicated

Software version.....: 3574

Firmware version.....: *Not communicated*

Type of sample.....: Standard equipment

Function(s).: This wearable protection follows the senior indoors and outdoors, whether in the street, in stores or even in the forest. No need for a mobile phone or an app, communications are sent directly from the watch via the highly reliable "NbloT" network. Also, the Ikarya Watch measures and analyzes activity data to help the wearer stay in shape. It allows seniors to set daily activity goals: number of steps, distance traveled, recommended daily activity time, etc. Once the activity data has been collected, he and his loved ones can consult it from a mobile application and/or on a transmitter installed at home.

Manufacturer name.: TELECOM DESIGN S.A.

Address.: 2 BIS RUE NULLY DE HARCOURT
33610 CANEJAN
FRANCE

General product information:
N/A

3.2. E.U.T. Marking plate



3.3. E.U.T. General view



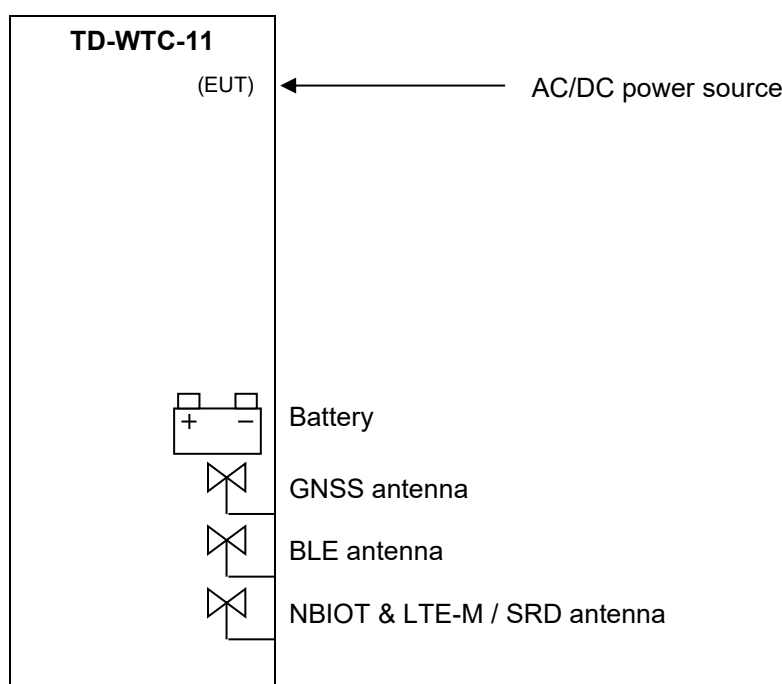
3.4. E.U.T. Mechanical and Electrical Design

Power supply.....	5Vdc Battery charging 4.2Vdc Internal battery
Power supply range.....	5Vdc +/- 10% for battery charging 4.2Vdc to 3.7Vdc Internal battery
Power type.	Internal Battery
Power (W).	Not communicated
Nominal current (A).	Not communicated
Dimensions (L x W x H) (m).	Not communicated
Weight (kg).....	Not communicated
Temperature range (°C).	-10 to +55
Ground bounding strap.....	No

Comments:

N/A

3.5. E.U.T. Input/Output ports



PORT	NAME	TYPE	LENGTH	CABLE TYPE	COMMENTS
0	Main frame	N/E	N/A	Metallic & Plastic	N/A
1	AC/DC power source	AC/DC	<3m	2P	120Vac/60Hz to 5Vdc
2	Battery	DC	N/A	2P	4.2Vdc
3	GNSS antenna	RF	N/A	N/A	N/A
4	BLE antenna	RF	N/A	N/A	N/A
5	NBIOT & LTE-M / SRD antenna	RF	N/A	N/A	N/A

AC/DC : AC/DC Converter port

I/O..... : Input or Output port

N/E : Non Electrical port

AC..... : Alternative current port

TP..... : Telecommunication port

DC..... : Direct current port

RF..... : Radio frequency port

3.6. Supporting Equipment Used During Test

Sample subject to the tests was tested with following equipment.

PRODUCT TYPE	MANUFACTURER	MODEL	N°EMITECH / COMMENTS
Phantom arm	SPEAG	SHO-GFPC-V1	Used to simulate wearing the watch on the arm

PHANTOM ARM (AE)



3.7. EUT Radio Specifications

a) GENERAL INFORMATIONS	
According to manufacturer's declarations :	
EUT type	Transceiver
Technology.....	BLE / LTE-M & NbloT / SRD / GNSS
Environmental profile.....	Data transmissions
Temperature range.....	-20°C to +55°C
Antenna type	Internal
Antenna Gain	-6 dBi
Comments:	
<i>EUT was tested in two configurations: Without the phantom arm (LP mode) and with phantom (wearing / standard configuration)</i>	
b) TRANSMITTER PARAMETERS (Tx)	
Frequency bands.....	902MHz to 928MHz
RF Power	Not communicated
Number of channels / Separation	3 channels
Modulation type	GFSK
Duty cycle.....	Not communicated
Tested frequency.....	902.050MHz (SRD Low channel) 915 MHz (SRD Mid channel) 927.950MHz (SRD High channel)
c) RECEIVER PARAMETERS (Rx)	
Frequency bands.....	902MHz to 928MHz

4. RESULT SUMMARY

TEST DESIGNATION	SEVERITY	VERDICT	BASIC STANDARDS / COMMENTS
Conducted emission measurement		N/A	The radio parts are not operational when the EUT is charging. Please refer to the EMC test report for Conducted emission measurement results.
Radiated spurious emissions measurement			Fcc part 15.249; 15.209 RSS-210; RSS-Gen ANSI C63.10: 2020
- Radiated measurement / SRD All channels / Standard & LP mode / All Positions / 9kHz to 30MHz / 0°	15.209	PASS	
- Radiated measurement / SRD All channels / Standard & LP mode / All Positions / 9kHz to 30MHz / 45°	15.209	PASS	
- Radiated measurement / SRD All channels / Standard & LP mode / All Positions / 9kHz to 30MHz / 90°	15.209	PASS	
- Radiated measurement / SRD Low channel / Standard & LP mode / All Positions / 30MHz to 1GHz	15.209	PASS	
- Radiated measurement / SRD Mid channel / Standard & LP mode / All Positions / 30MHz to 1GHz	15.209	PASS	
- Radiated measurement / SRD High channel / Standard & LP mode / All Positions / 30MHz to 1GHz	15.209	PASS	
- Radiated measurement / SRD Low channel / Standard / All Positions / 1GHz to 10GHz	15.209	PASS	
- Radiated measurement / SRD Mid channel / Standard / All Positions / 1GHz to 10GHz	15.209	PASS	
- Radiated measurement / SRD High channel / Standard / All Positions / 1GHz to 10GHz	15.209	PASS	
- Radiated measurement / SRD Low channel / LP mode / All Positions / 1GHz to 10GHz	15.209	PASS	
- Radiated measurement / SRD Mid channel / LP mode / All Positions / 1GHz to 10GHz	15.209	PASS	
- Radiated measurement / SRD High channel / LP mode / All Positions / 1GHz to 10GHz	15.209	PASS	
Maximum peak power of the intentional radiator			Fcc part 15.249 RSS-210 ANSI C63.10: 2020
- RF output power / SRD Low channel / Standard	50mV/m	PASS	
- RF output power / SRD Mid channel / Standard	50mV/m	PASS	
- RF output power / SRD High channel / Standard	50mV/m	PASS	
- RF output power / SRD Low channel / LP	50mV/m	PASS	
- RF output power / SRD Mid channel LP	50mV/m	PASS	
- RF output power / SRD High channel LP	50mV/m	PASS	
Modulation bandwidth			Fcc part 15.249 RSS-210 ANSI C63.10: 2020
- 20dB Bandwidth - Low channel	Within the band 902MHz to 928MHz	PASS	
- 20dB Bandwidth - Mid channel		PASS	
- 20dB Bandwidth - High channel		PASS	
- OBW - Low channel		PASS	
- OBW - Mid channel		PASS	
- OBW - High channel		PASS	
Frequency error			Fcc part 15.249 RSS-210 ANSI C63.10: 2020
- Low channel	+/-0.001%	PASS	
- Mid channel	+/-0.001%	PASS	

- High channel	+/-0.001%	PASS	
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Sample subject to the test complies for tests done with the requirements of the reference document(s) listed in §2 of this test report and, where applicable, with deviation(s) specified in this document.

To declare, or not, the compliance with the specifications, it was not explicitly taken into account of uncertainty associated with the results with the exception of emission tests based on CISPR standards.

TEST(S) PERFORMED	MODIFICATION(S)
Fcc part 15.249; 15.209 RSS-210; RSS-Gen ANSI C63.10: 2020	N/A
Fcc part 15.249 RSS-210 ANSI C63.10: 2020	N/A

5. MEASUREMENT UNCERTAINTY

PARAMETER	MAXIMAL EMITECH UNCERTAINTY	MINIMAL STANDARD UNCERTAINTY
Radio frequency	$\pm 1 \times 10^{-7}$	$\pm 1 \times 10^{-7}$
RF power, conducted		
RF power	$\pm 0.8\text{dB}$	$\pm 1 \text{ dB}$
Power spectral density	$\pm 2.7\text{dB}$	$\pm 3 \text{ dB}$
Occupied bandwidth		
RF power	$\pm 3.8 \%$	$\pm 5 \%$
Adjacent channel power	$\pm 1.6 \text{ dB}$	$\pm 3 \text{ dB}$
Sensitivity of receiver (conducted)	$\pm 2.0 \text{ dB}$	$\pm 3 \text{ dB}$
Blocking	$\pm 4.0 \text{ dB}$	$\pm 4 \text{ dB}$
Transient		
Amplitude	$\pm 8.5 \%$	$\pm 20 \%$
At the frequency	$\pm 166 \text{ Hz}$	$\pm 250 \text{ Hz}$
Conducted emission (spurious)		
$f \leq 1 \text{ GHz}$	$\pm 0.8 \text{ dB}$	$\pm 3 \text{ dB}$
$1 \text{ GHz} - 12.75 \text{ GHz}$	$\pm 1.6 \text{ dB}$	
Radiated power (ERP / EIRP)		
$f \leq 62.5 \text{ MHz}$	$\pm 5.2 \text{ dB}$	$\pm 6 \text{ dB}$
$62.5 \text{ MHz} - 1 \text{ GHz}$	$\pm 5.4 \text{ dB}$	$\pm 6 \text{ dB}$
$1 \text{ GHz} - 18 \text{ GHz}(\sim)$	$\pm 5.2 \text{ dB}$	$\pm 6 \text{ dB}$
$18 \text{ GHz} - 40 \text{ GHz}$	$\pm 5.8 \text{ dB}$	$\pm 6 \text{ dB}$
$40 \text{ GHz} - 110 \text{ GHz}$	$\pm 5.5 \text{ dB}$	Between ± 6 to 10 dB
EIRP and power spectral density with diode	$\pm 5.4 \text{ dB}$	$\pm 6 \text{ dB}$
Radiated emission (magnetic field)		
$9\text{kHz} - 30\text{MHz}$	$\pm 4.3 \text{ dB}$	$\pm 6 \text{ dB}$
RF level for a given BER	$\pm 0.8 \text{ dB}$	$\pm 1.5 \text{ dB}$
Supply voltages	$\pm 2.9 \%$	$\pm 3 \%$
Temperature	$\pm 0.95 \text{ }^{\circ}\text{C}$	$\pm 1^{\circ}\text{C}$
Humidity	$\pm 4.6 \%$	$\pm 5 \%$
Time / Duty cycle	$\pm 4.4 \%$	$\pm 5 \%$
Adaptivity	$\pm 3.2 \text{ dB}$	/
Conducted emission (FCC)		
(Artificial Mains Network) $150\text{kHz} - 30\text{MHz}$	$\pm 3.7 \text{ dB}$	/
Radiated emission (electric field for FCC standard)		
$9\text{kHz} - 30\text{MHz}$	$\pm 4.3 \text{ dB}$	/
$30\text{MHz} - 1\text{GHz}$	$\pm 5.9 \text{ dB}$	/
$1\text{GHz} - 18\text{GHz}$	$\pm 4.8 \text{ dB}$	/
$18\text{GHz} - 40\text{GHz}$	$\pm 5.9 \text{ dB}$	/
$40\text{GHz} - 140\text{GHz}$	$\pm 5.7 \text{ dB}$	/

For the calculation of expanded uncertainty, the confidence interval is 95 % (k=2).

6. TEST CONDITIONS AND RESULTS

6.1. Radiated spurious emissions measurement

Reference standard:	Fcc part 15.249; 15.209 RSS-210; RSS-Gen
Test method:	ANSI C63.10: 2020
Test description: - For $f < 30\text{MHz}$, EUT is set on an insulating support at 80cm above the ground reference plane. Preliminary (peak) measurements were performed at an antenna to EUT separation distance of 3-meter in a semi-anechoic chamber. The EUT was rotated 360° in order to maximize radiated levels. Test antenna was oriented in 3 axes (0°, 45° and 90°). Final measurements (quasi-peak) were then performed in a 10-meter Open Area Test Site that complies to CISPR 16 in the same measurement conditions. - For $30\text{MHz} < f < 1\text{GHz}$, EUT is set on an insulating support at 80cm above the ground reference plane. Preliminary (peak) measurements were performed at an antenna to EUT separation distance of 3-meter. The EUT was rotated 360° about its azimuth with the receive antenna located at various heights in horizontal and vertical polarities. Final measurements (quasi-peak or average) were then performed in a semi-anechoic chamber or Open Area Test Site that complies to CISPR 16. The EUT was rotated 360° about its azimuth and adjusting the receive antenna height from 1 to 4 m. - For $f > 1\text{GHz}$, EUT is set on an insulating support at 150cm above the ground reference plane. RF Absorbent material are placed between EUT and measurement antenna. Final measurements (Peak or average) were then performed in a Full Anechoic Room (FAR) that complies to CISPR 16. The EUT was rotated 360° about its azimuth and the receive antenna height is 150cm. All frequencies were investigated, where applicable. For portable equipments: - For frequencies $< 1\text{GHz}$ a research of maximum level is done on 3 axes - For frequencies $> 1\text{GHz}$ styrofoam wedges, precut to the 30°, 60°, and 90° angles, are used to support the EUT in the 6 different orientations.	

TESTED CONFIGURATION	PARAMETER	SEVERITY	RESULT TAB.	VERDICT
Radiated measurement / SRD All channels / Standard & LP mode / All Positions / 9kHz to 30MHz / 0°	9kHz-30MHz	15.209	EMI4643	PASS
Radiated measurement / SRD All channels / Standard & LP mode / All Positions / 9kHz to 30MHz / 45°	9kHz-30MHz	15.209	EMI4644	PASS
Radiated measurement / SRD All channels / Standard & LP mode / All Positions / 9kHz to 30MHz / 90°	9kHz-30MHz	15.209	EMI4645	PASS
Radiated measurement / SRD Low channel / Standard & LP mode / All Positions / 30MHz to 1GHz	30MHz-1GHz	15.209	EMI4596	PASS
Radiated measurement / SRD Mid channel / Standard & LP mode / All Positions / 30MHz to 1GHz	30MHz-1GHz	15.209	EMI4597	PASS
Radiated measurement / SRD High channel / Standard & LP mode / All Positions / 30MHz to 1GHz	30MHz-1GHz	15.209	EMI4599	PASS
Radiated measurement / SRD Low channel / Standard / All Positions / 1GHz to 10GHz	1GHz-10GHz	15.209	EMI4559	PASS
Radiated measurement / SRD Mid channel / Standard / All Positions / 1GHz to 10GHz	1GHz-10GHz	15.209	EMI4560	PASS

TESTED CONFIGURATION	PARAMETER	SEVERITY	RESULT TAB.	VERDICT
Radiated measurement / SRD High channel / Standard / All Positions / 1GHz to 10GHz	1GHz-10GHz	15.209	EMI4561	PASS
Radiated measurement / SRD Low channel / LP mode / All Positions / 1GHz to 10GHz	1GHz-10GHz	15.209	EMI4563	PASS
Radiated measurement / SRD Mid channel / LP mode / All Positions / 1GHz to 10GHz	1GHz-10GHz	15.209	EMI4564	PASS
Radiated measurement / SRD High channel / LP mode / All Positions / 1GHz to 10GHz	1GHz-10GHz	15.209	EMI4565	PASS

LABORATORY PARAMETERS:	REQUIRED PRIOR TO THE TEST	DURING THE TEST
Ambient Temperature	15 to 35 °C	See Graph(s)
Relative Humidity	20 to 75 %	See Graph(s)
Atmospheric pressure	N/A	See Graph(s)
Test method deviation: N/A		
Supplementary information: From 9kHz to 30MHz, limit indicated on the curves is calculated with 40 dB/decade extrapolation factor and 51.5 dB conversion factor.		

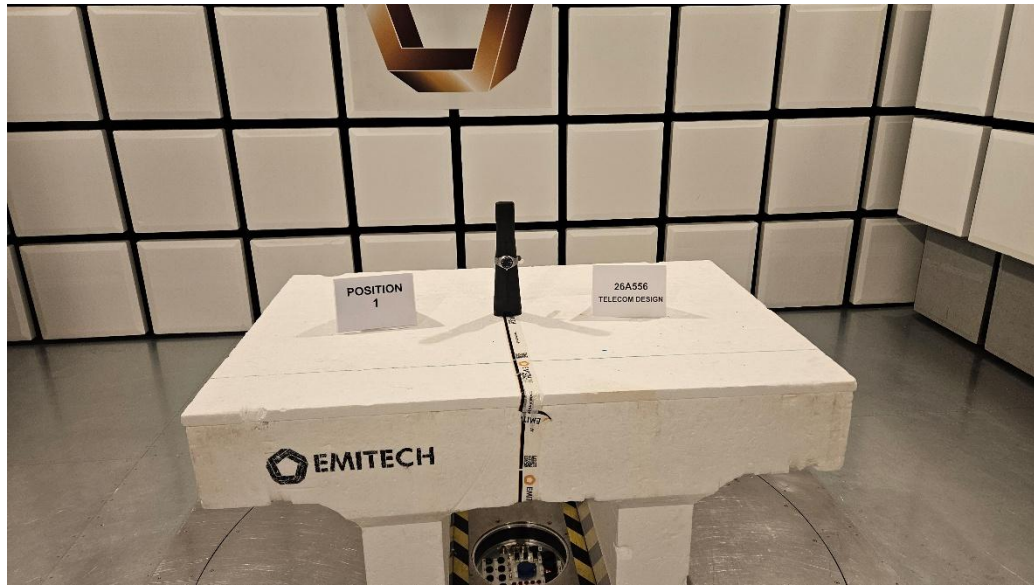
TEST EQUIPMENT USED					
CATEGORY	BRAND	TYPE	IDENTIFIER	CAL. DATE	CAL. DUE
Antenna	ETS lindgren	3142E	14523	08/08/2025	08/10/2028
Antenna	Rohde & Schwarz	HFH2-Z2	5825	25/04/2025	25/06/2027
Antenna	AARONIA	Powerlog 70180	15306	04/01/2023	04/03/2026
Cable	Techniwave	N-4m	18355	17/08/2023	17/10/2026
Cable	Techniwave	N-1.5m	18341	13/10/2025	13/12/2027
Cable	Techniwave	N-1.5m	18342	20/05/2024	20/07/2026
Cable	Techniwave	N-1m	18344	10/07/2024	10/09/2026
Cable	/	N-1m	3624	09/06/2025	09/08/2027
Cable	/	N-1m	3625	09/06/2025	09/08/2027
Cable	Techniwave	N-3.5m	18353	11/09/2025	11/11/2027
Cable	SUCOFLEX	N-3m	14379	01/09/2025	01/11/2027
Cable	SUCOFLEX	N-6,5m	14380	17/08/2023	17/10/2026
Cable	Techniwave	N-8m	18349 ⁽¹⁾	17/08/2023	17/04/2026
Filter	Micro-Tronics	HPM18865	12843	03/12/2024	03/02/2028
Preamplifier	Techniwave	APS16-0087	14040	15/09/2025	15/11/2026
Receiver	Rohde & Schwarz	ESW26	17791	04/09/2025	04/11/2026
Receiver	Rohde & Schwarz	ESW8	19536	13/08/2025	13/10/2027
Shielded enclosure	COMTEST	C.V4	18014	05/11/2024	05/01/2028
Shielded enclosure	COMTEST	SAC 3m	14494	08/08/2023	08/10/2026
Software	Nexio	BAT EMC	0000		
Thermohygrometer	LUFFT	OPUS 20	17844	05/06/2025	05/08/2026
Thermohygrometer	Testo	608-H2	12268	18/02/2025	18/04/2027
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BAT-EMC software version: V3.18.0.26

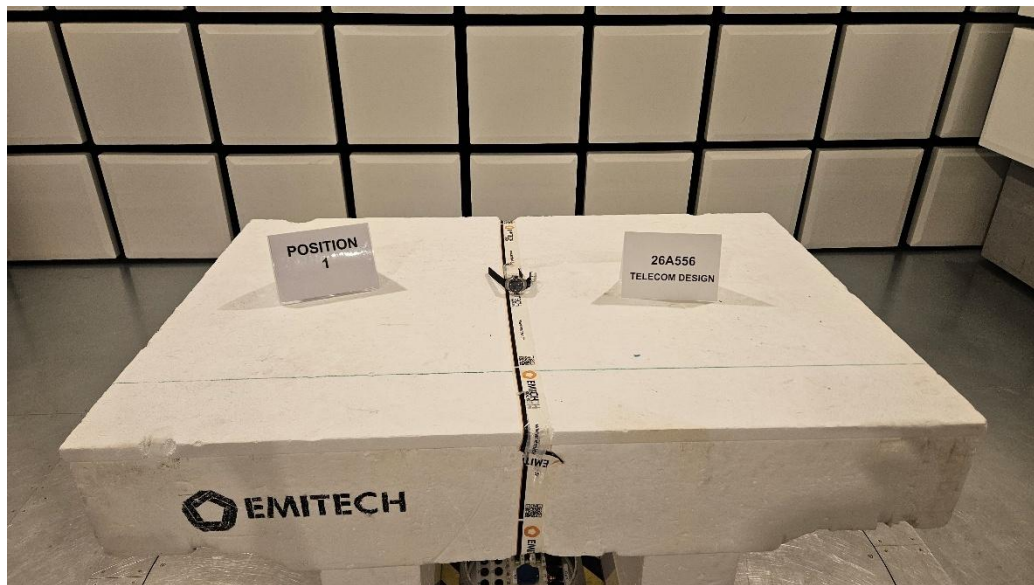
Blank cells = Permanent validity

⁽¹⁾ Under derogation "EQSDER000S4100156"

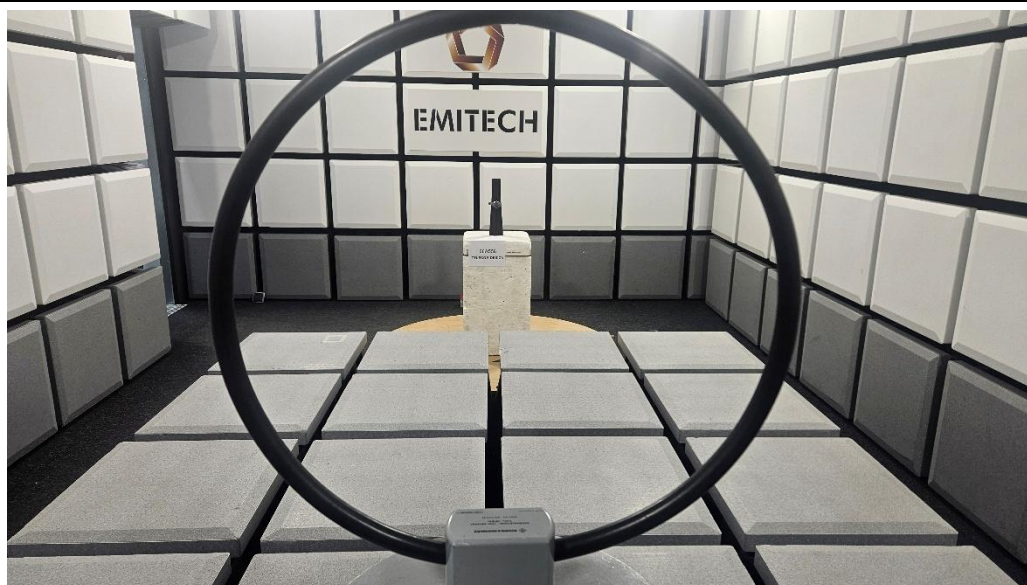
TEST SETUP PHOTO(S) - RADIATED MEASUREMENT – WITH PHANTOM ARM (STANDARD)



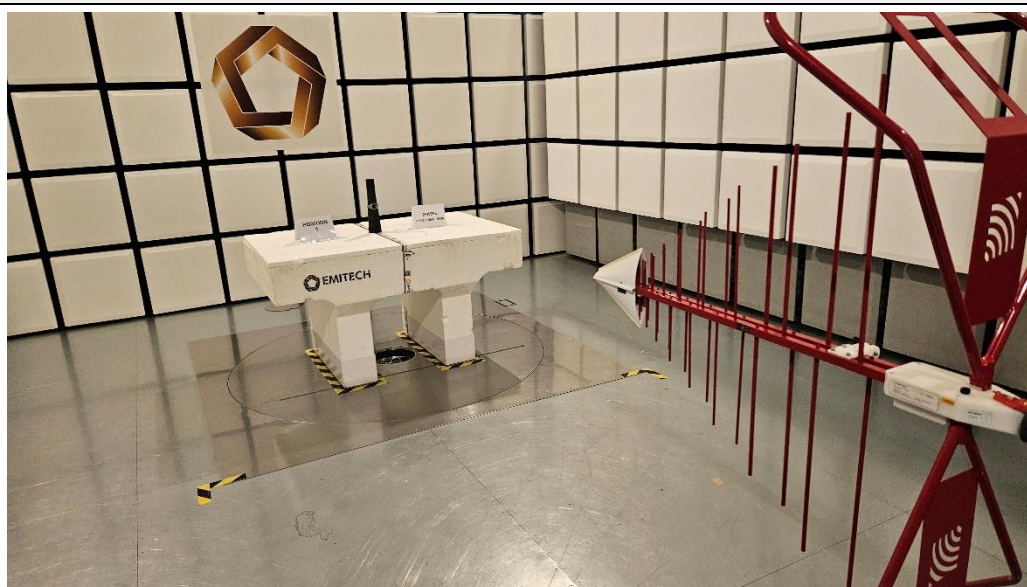
TEST SETUP PHOTO(S) - RADIATED MEASUREMENT – WITHOUT PHANTOM ARM (LP)



TEST SETUP PHOTO(S) - RADIATED MEASUREMENT – 9KHZ TO 30MHZ



TEST SETUP PHOTO(S) - RADIATED MEASUREMENT – 30MHZ TO 1GHZ



TEST SETUP PHOTO(S) - RADIATED MEASUREMENT – FOR FREQ >1GHz



RADIATED SPURIOUS EMISSIONS – TABULATED RESULTS

RADIATED MEASUREMENT / SRD ALL CHANNELS / STANDARD & LP MODE / ALL POSITIONS / 9kHz TO 30MHz / 0°

EMI4643

FREQUENCY (MHz)	PEAK LEVEL (dBμA/m)	AVERAGE LEVEL (dBμA/m)	QPEAK LEVEL (dBμA/m)	AVERAGE / QPEAK LIMIT (dBμA/m)	MARGINING (dB)
0.010	-3.16	N/P	N/P	76.10	-79.26
0.034	-11.23	N/P	N/P	65.47	-76.70
0.069	-15.44	N/P	N/P	59.32	-74.76
0.134	-19.23	N/P	N/P	53.56	-72.79
0.262	-10.45	N/P	N/P	47.73	-58.18
1.176	-13.42	N/P	N/P	14.74	-28.16

Supplementary information: when margin between peak measurements and average or quasi-peak limit is >6dB, no average or quasi-peak measurements were performed.

RADIATED SPURIOUS EMISSIONS – TABULATED RESULTS

RADIATED MEASUREMENT / SRD ALL CHANNELS / STANDARD & LP MODE / ALL POSITIONS / 9kHz TO 30MHz / 45°

EMI4644

FREQUENCY (MHz)	PEAK LEVEL (dBμA/m)	AVERAGE LEVEL (dBμA/m)	QPEAK LEVEL (dBμA/m)	AVERAGE / QPEAK LIMIT (dBμA/m)	MARGINING (dB)
0.014	-3.85	N/P	N/P	73.18	-77.03
0.028	-10.06	N/P	N/P	67.16	-77.22
0.036	-11.65	N/P	N/P	64.97	-76.62
0.056	-16.23	N/P	N/P	61.14	-77.37
0.069	-18.06	N/P	N/P	59.32	-77.38
0.140	-20.04	N/P	N/P	53.18	-73.22

Supplementary information: when margin between peak measurements and average or quasi-peak limit is >6dB, no average or quasi-peak measurements were performed.

RADIATED SPURIOUS EMISSIONS – TABULATED RESULTS					
RADIATED MEASUREMENT / SRD ALL CHANNELS / STANDARD & LP MODE / ALL POSITIONS / 9kHz TO 30MHz / 90°					EMI4645
FREQUENCY (MHz)	PEAK LEVEL (dBμA/m)	AVERAGE LEVEL (dBμA/m)	QPEAK LEVEL (dBμA/m)	AVERAGE / QPEAK LIMIT (dBμA/m)	MARGING (dB)
0.014	-5.74	N/P	N/P	73.18	-78.92
0.016	-7.06	N/P	N/P	72.02	-79.08
0.035	-13.96	N/P	N/P	65.22	-79.18
0.077	-20.08	N/P	N/P	58.37	-78.45
0.139	-21.26	N/P	N/P	53.24	-74.50
0.263	-10.20	N/P	N/P	47.70	-57.90
Supplementary information: when margin between peak measurements and average or quasi-peak limit is >6dB, no average or quasi-peak measurements were performed.					

RADIATED EMISSION MEASUREMENT – TABULATED RESULTS				
RADIATED MEASUREMENT / SRD LOW CHANNEL / STANDARD & LP MODE / ALL POSITIONS / 30MHz TO 1GHz				EMI4596
FREQUENCY (MHz)	POLARIZATION	PEAK LEVEL (dBμV/m)	QPEAK LIMIT (dBμV/m)	MARGING (dB)
31.26	Vertical	27.44	40.00	-12.56
37.21	Vertical	23.72	40.00	-16.28
77.14	Vertical	25.12	40.00	-14.88
527.21	Vertical	31.01	46.00	-14.99
686.00	Vertical	33.33	46.00	-12.67
797.13	Vertical	36.18	46.00	-9.82
31.36	Horizontal	27.29	40.00	-12.71
34.27	Horizontal	24.91	40.00	-15.09
61.88	Horizontal	16.01	40.00	-23.99
646.97	Horizontal	32.96	46.00	-13.04
690.11	Horizontal	33.95	46.00	-12.05
793.22	Horizontal	37.14	46.00	-8.86
Supplementary information: when margin between peak measurements and quasi-peak limit is >6dB, no quasi-peak measurements were performed.				

RADIATED EMISSION MEASUREMENT – TABULATED RESULTS				
RADIATED MEASUREMENT / SRD MID CHANNEL / STANDARD & LP MODE / ALL POSITIONS / 30MHz TO 1GHz				EMI4597
FREQUENCY (MHz)	POLARIZATION	PEAK LEVEL (dBµV/m)	QPEAK LIMIT (dBµV/m)	MARGING (dB)
81.83	Vertical	20.47	40.00	-19.53
83.00	Vertical	20.38	40.00	-19.62
87.33	Vertical	22.42	40.00	-17.58
621.59	Vertical	32.36	46.00	-13.64
684.84	Vertical	33.77	46.00	-12.23
792.25	Vertical	36.41	46.00	-9.59
32.04	Horizontal	27.2	40.00	-12.80
40.38	Horizontal	21.77	40.00	-18.23
57.06	Horizontal	17.02	40.00	-22.98
555.01	Horizontal	31.01	46.00	-14.99
669.41	Horizontal	33.13	46.00	-12.87
797.17	Horizontal	36.22	46.00	-9.78
Supplementary information: when margin between peak measurements and quasi-peak limit is >6dB, no quasi-peak measurements were performed.				

RADIATED EMISSION MEASUREMENT – TABULATED RESULTS				
RADIATED MEASUREMENT / SRD HIGH CHANNEL / STANDARD & LP MODE / ALL POSITIONS / 30MHz TO 1GHz				EMI4599
FREQUENCY (MHz)	POLARIZATION	PEAK LEVEL (dBµV/m)	QPEAK LIMIT (dBµV/m)	MARGING (dB)
30.42	Vertical	27.50	40.00	-12.5
36.47	Vertical	24.04	40.00	-15.96
42.13	Vertical	20.27	40.00	-23.23
726.03	Vertical	37.54	46.00	-8.46
792.96	Vertical	37.13	46.00	-8.87
900.09	Vertical	29.01	46.00	-16.99
38.44	Horizontal	22.89	40.00	-17.11
64.95	Horizontal	19.06	40.00	-20.94
129.30	Horizontal	24.12	40.00	-15.88
536.13	Horizontal	30.71	46.00	-15.29
730.27	Horizontal	38.34	46.00	-7.66
901.48	Horizontal	27.36	46.00	-18.64
Supplementary information: when margin between peak measurements and quasi-peak limit is >6dB, no quasi-peak measurements were performed.				

RADIATED EMISSION MEASUREMENT – TABULATED RESULTS				
RADIATED MEASUREMENT / SRD LOW CHANNEL / STANDARD / ALL POSITIONS / 1GHZ TO 10GHZ				EMI4559
FREQUENCY (MHz)	POLARIZATION	PEAK LEVEL (dBµV/m)	AVERAGE LIMIT (dBµV/m)	MARGIN (dB)
1804.33	Vertical	38.27	54.00	-15.73
2706.16	Vertical	39.10	54.00	-14.9
3608.29	Vertical	43.99	54.00	-10.01
4796.63	Vertical	40.50	54.00	-13.5
8514.05	Vertical	45.61	54.00	-8.39
9576.39	Vertical	46.80	54.00	-7.2
1331.81	Horizontal	37.81	54.00	-16.19
2679.46	Horizontal	38.99	54.00	-15.01
3608.29	Horizontal	42.83	54.00	-11.17
5412.55	Horizontal	41.78	54.00	-12.22
7347.61	Horizontal	43.24	54.00	-10.76
8505.05	Horizontal	45.57	54.00	-8.43
Supplementary information: when margin between peak measurements and average limit is >6dB, no average measurements were performed.				

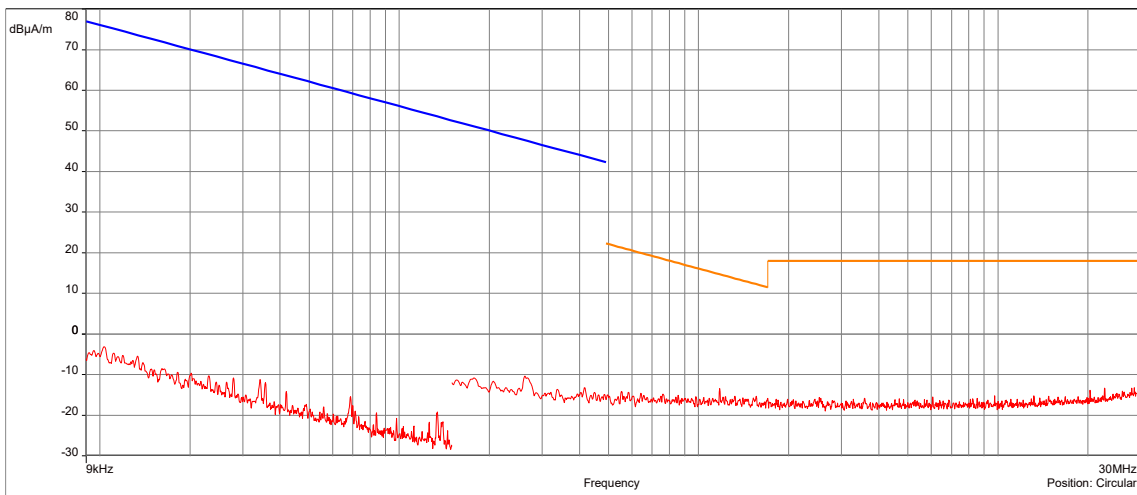
RADIATED EMISSION MEASUREMENT – TABULATED RESULTS				
RADIATED MEASUREMENT / SRD MID CHANNEL / STANDARD / ALL POSITIONS / 1GHZ TO 10GHZ				EMI4560
FREQUENCY (MHz)	POLARIZATION	PEAK LEVEL (dBµV/m)	AVERAGE LIMIT (dBµV/m)	MARGIN (dB)
1287.41	Vertical	36.92	54.00	-17.08
1924.93	Vertical	38.48	54.00	-15.52
2048.23	Vertical	38.16	54.00	-15.84
3659.89	Vertical	43.16	54.00	-10.84
8379.65	Vertical	44.55	54.00	-9.45
9306.68	Vertical	46.24	54.00	-7.76
1944.13	Horizontal	37.82	54.00	-16.18
3659.89	Horizontal	42.81	54.00	-11.19
4574.92	Horizontal	42.41	54.00	-11.59
6629.39	Horizontal	42.33	54.00	-11.67
8140.84	Horizontal	44.76	54.00	-9.24
9085.57	Horizontal	46.09	54.00	-7.91
Supplementary information: when margin between peak measurements and average limit is >6dB, no average measurements were performed.				

RADIATED EMISSION MEASUREMENT – TABULATED RESULTS				
RADIATED MEASUREMENT / SRD HIGH CHANNEL / STANDARD / ALL POSITIONS / 1GHz TO 10GHz				EMI4561
FREQUENCY (MHz)	POLARIZATION	PEAK LEVEL (dBµV/m)	AVERAGE LIMIT (dBµV/m)	MARGING (dB)
3467.58	Vertical	41.13	54.00	-12.87
3711.79	Vertical	43.78	54.00	-10.22
4639.72	Vertical	42.02	54.00	-11.98
6866.10	Vertical	42.48	54.00	-11.52
8547.35	Vertical	45.83	54.00	-8.17
9231.37	Vertical	46.23	54.00	-7.77
2046.73	Horizontal	37.51	54.00	-16.49
2306.84	Horizontal	38.99	54.00	-15.01
3711.79	Horizontal	42.05	54.00	-11.95
4234.41	Horizontal	40.62	54.00	-13.38
4640.02	Horizontal	44.66	54.00	-9.34
8674.26	Horizontal	45.78	54.00	-8.22
Supplementary information: when margin between peak measurements and average limit is >6dB, no average measurements were performed.				

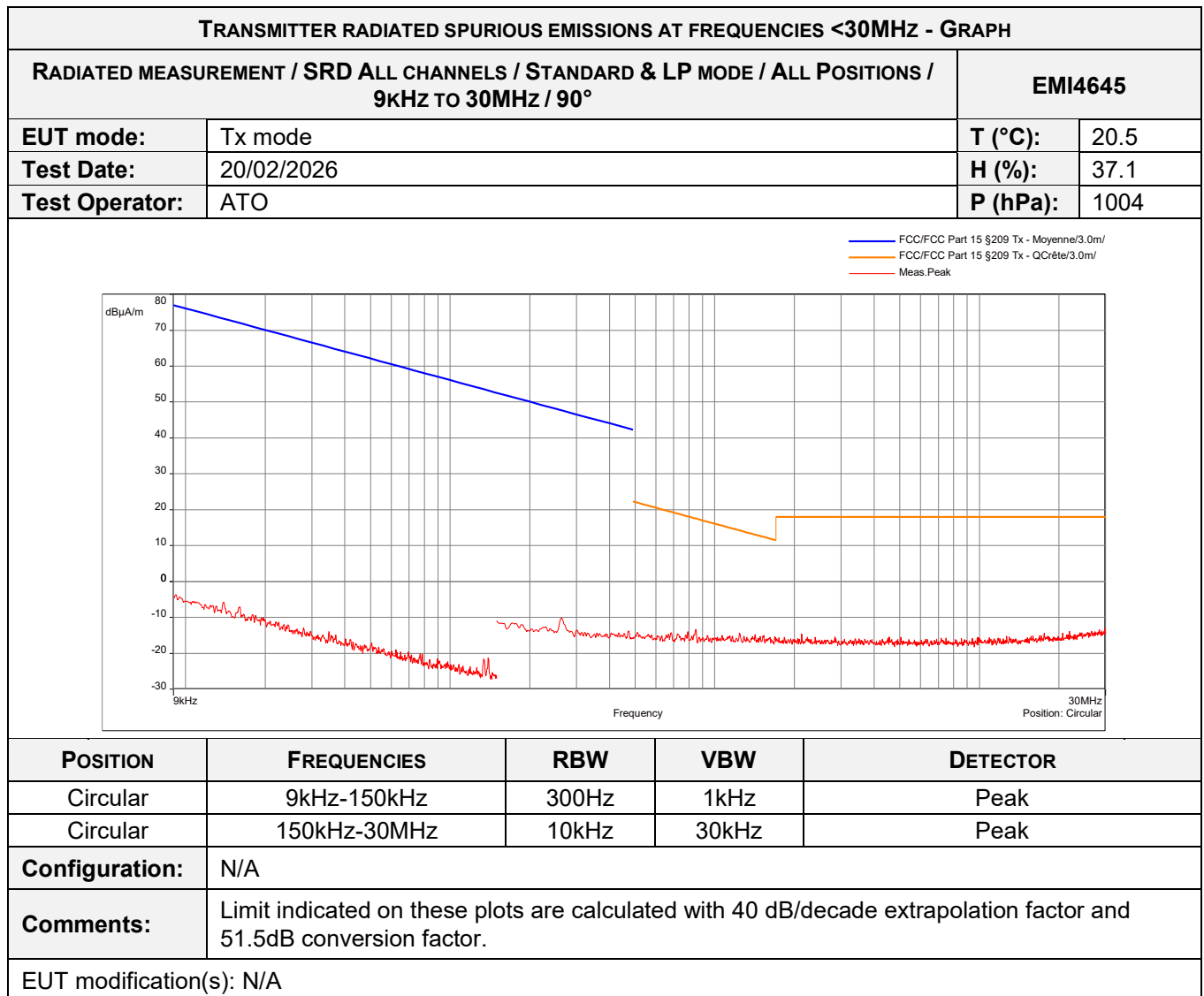
RADIATED EMISSION MEASUREMENT – TABULATED RESULTS				
RADIATED MEASUREMENT / SRD LOW CHANNEL / LP MODE / ALL POSITIONS / 1GHz TO 10GHz				EMI4563
FREQUENCY (MHz)	POLARIZATION	PEAK LEVEL (dBµV/m)	AVERAGE LIMIT (dBµV/m)	MARGING (dB)
1737.12	Vertical	44.18	54.00	-9.82
1744.02	Vertical	43.03	54.00	-10.97
1804.03	Vertical	40.11	54.00	-13.89
3130.07	Vertical	39.61	54.00	-14.39
3464.58	Vertical	40.38	54.00	-13.62
9164.77	Vertical	46.14	54.00	-7.86
1804.03	Horizontal	39.41	54.00	-14.59
2082.44	Horizontal	37.95	54.00	-16.05
2287.94	Horizontal	38.34	54.00	-15.66
3910.70	Horizontal	40.63	54.00	-13.37
7504.22	Horizontal	43.32	54.00	-10.68
9099.67	Horizontal	46.40	54.00	-7.60
Supplementary information: when margin between peak measurements and average limit is >6dB, no average measurements were performed.				

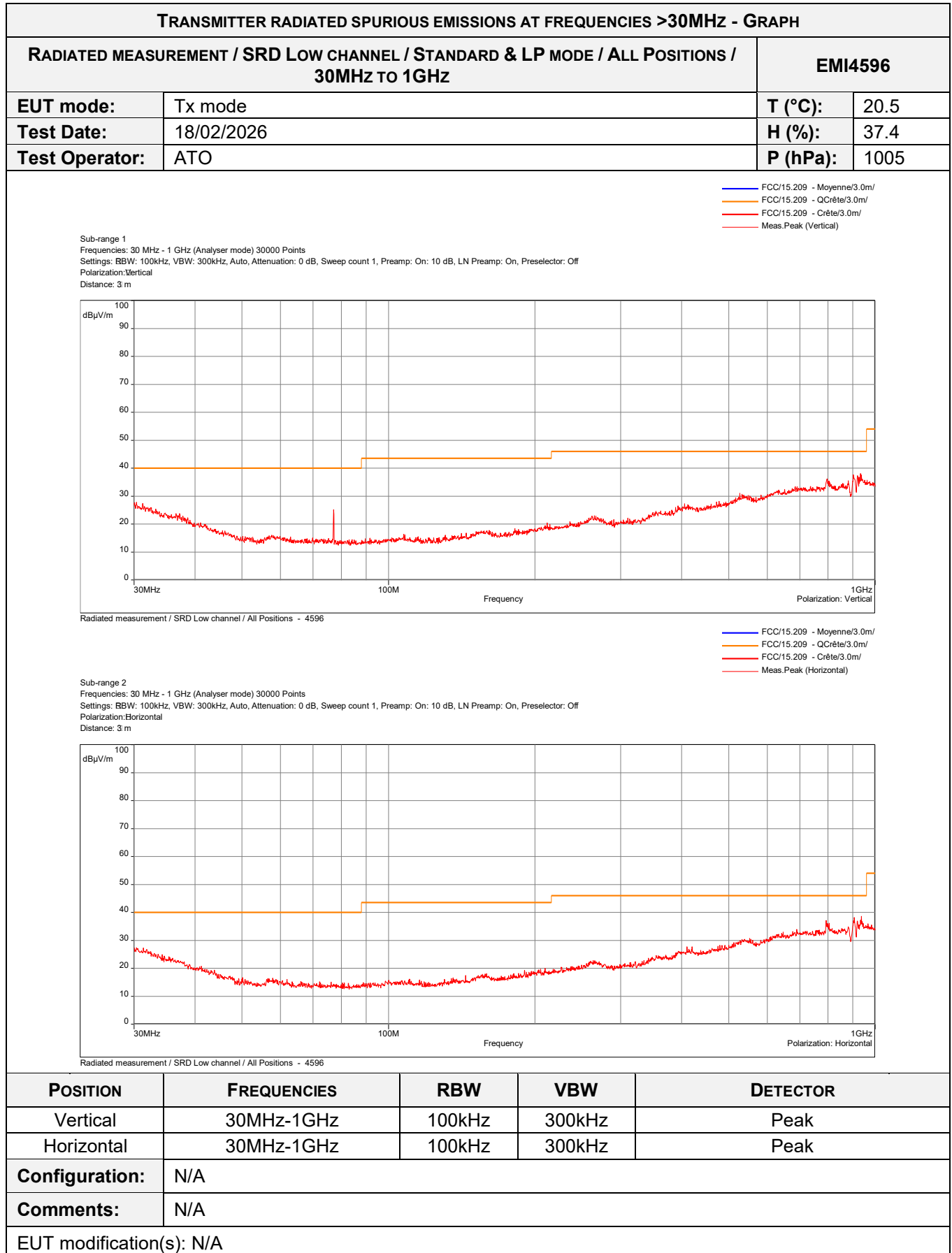
RADIATED EMISSION MEASUREMENT – TABULATED RESULTS				
RADIATED MEASUREMENT / SRD MID CHANNEL / LP MODE / ALL POSITIONS / 1GHz TO 10GHz				EMI4564
FREQUENCY (MHz)	POLARIZATION	PEAK LEVEL (dBµV/m)	AVERAGE LIMIT (dBµV/m)	MARGIN (dB)
1830.13	Vertical	39.45	54.00	-14.55
2553.75	Vertical	40.77	54.00	-13.23
4574.92	Vertical	42.09	54.00	-11.91
5990.37	Vertical	41.76	54.00	-12.24
8554.85	Vertical	45.90	54.00	-8.10
9087.37	Vertical	46.07	54.00	-7.93
1034.20	Horizontal	37.66	54.00	-16.34
1829.83	Horizontal	38.44	54.00	-15.56
2116.34	Horizontal	38.04	54.00	-15.96
2654.26	Horizontal	38.50	54.00	-15.50
4532.32	Horizontal	41.23	54.00	-12.77
9175.27	Horizontal	46.39	54.00	-7.61
Supplementary information: when margin between peak measurements and average limit is >6dB, no average measurements were performed.				

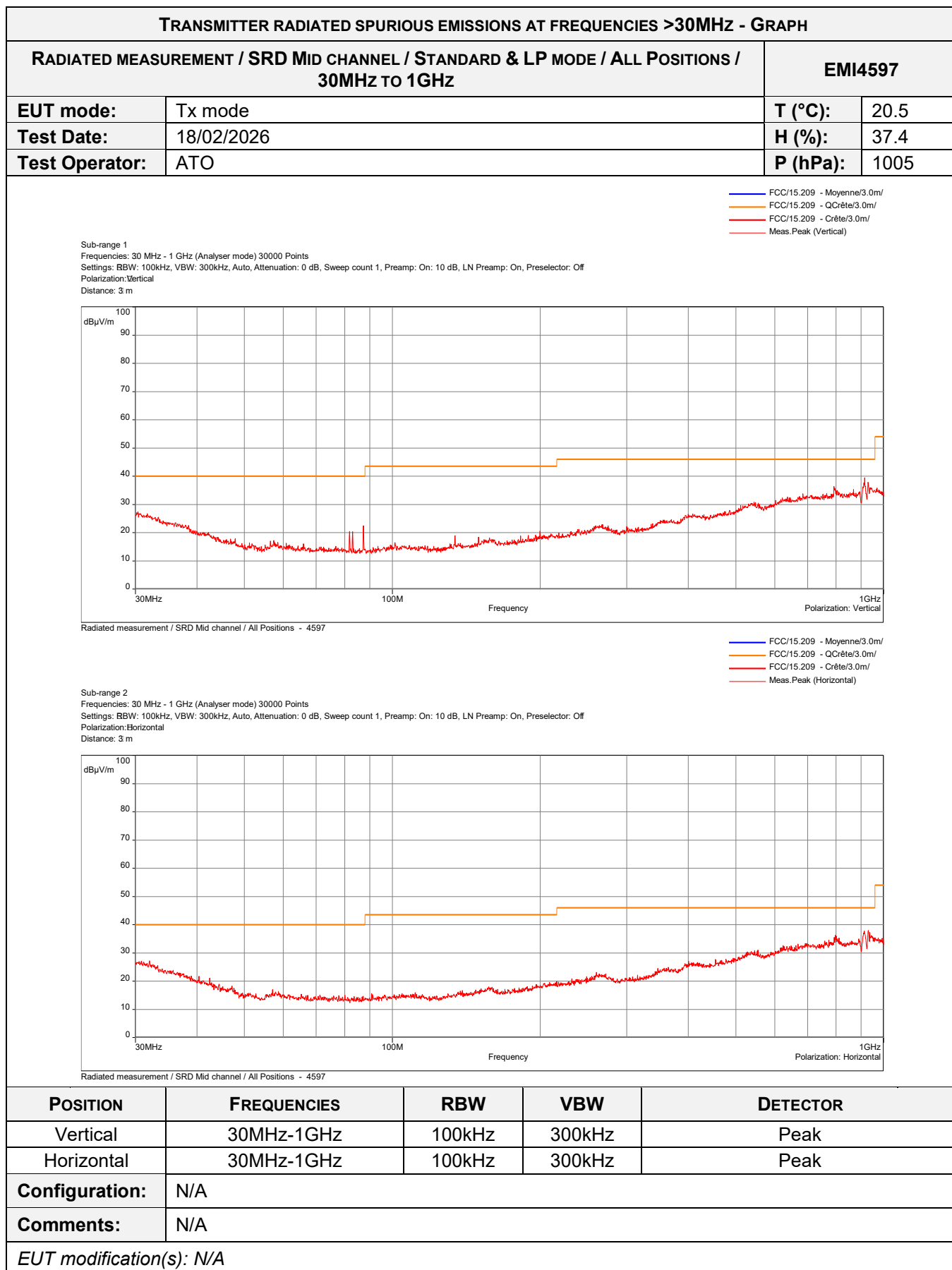
RADIATED EMISSION MEASUREMENT – TABULATED RESULTS				
RADIATED MEASUREMENT / SRD HIGH CHANNEL / LP MODE / ALL POSITIONS / 1GHz TO 10GHz				EMI4565
FREQUENCY (MHz)	POLARIZATION	PEAK LEVEL (dBµV/m)	AVERAGE LIMIT (dBµV/m)	MARGIN (dB)
1030.60	Vertical	38.56	54.00	-15.44
2048.83	Vertical	38.08	54.00	-15.92
4199.91	Vertical	40.74	54.00	-13.26
4639.72	Vertical	41.26	54.00	-12.74
6344.38	Vertical	41.99	54.00	-12.01
9086.77	Vertical	46.15	54.00	-7.85
1286.51	Horizontal	37.07	54.00	-16.93
2058.14	Horizontal	37.70	54.00	-16.30
3403.98	Horizontal	40.08	54.00	-13.92
3742.09	Horizontal	40.31	54.00	-13.69
5522.05	Horizontal	41.11	54.00	-12.89
9126.37	Horizontal	46.88	54.00	-7.12
Supplementary information: when margin between peak measurements and average limit is >6dB, no average measurements were performed.				

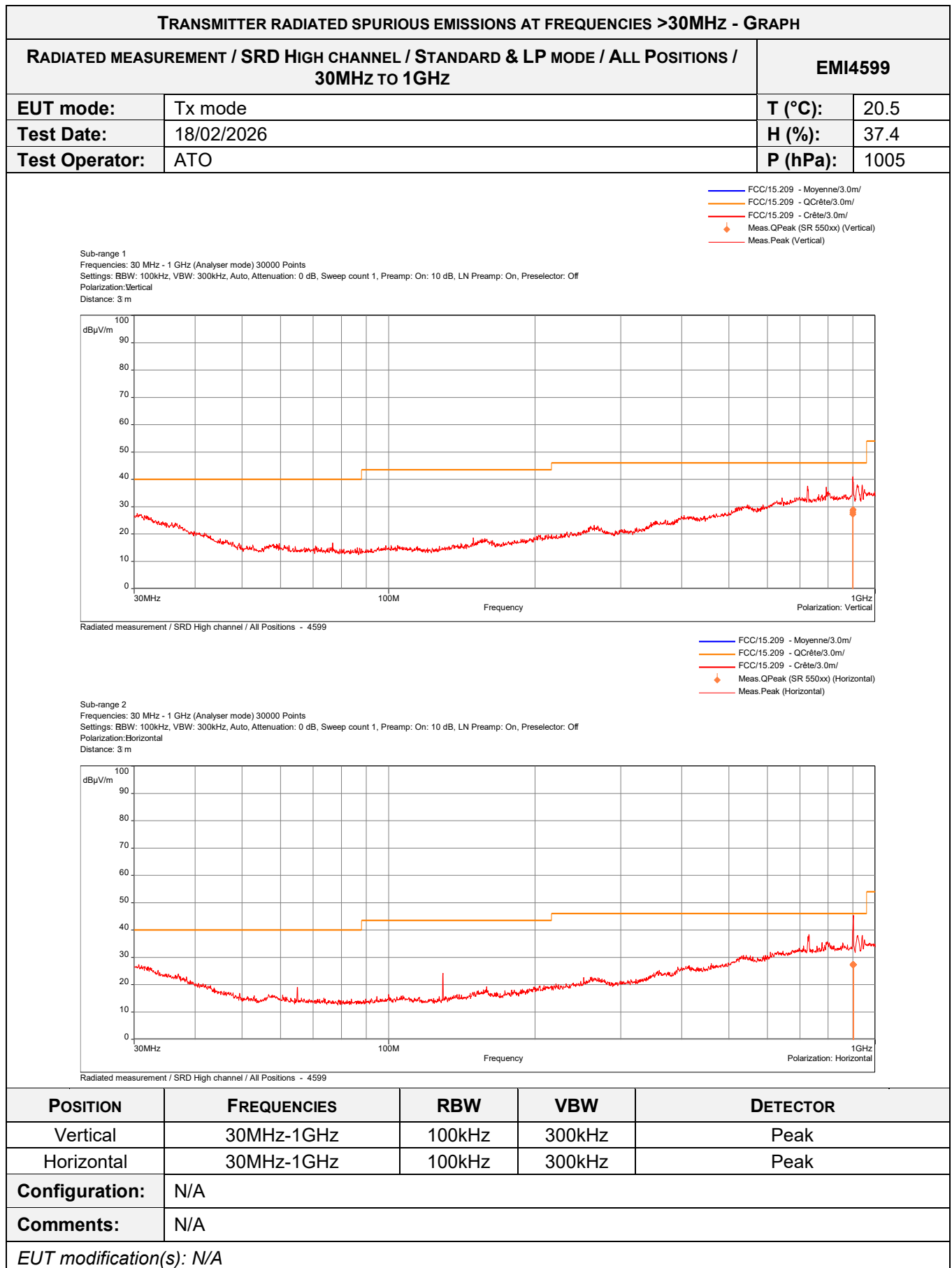
TRANSMITTER RADIATED SPURIOUS EMISSIONS AT FREQUENCIES <30MHz - GRAPH				
RADIATED MEASUREMENT / SRD ALL CHANNELS / STANDARD & LP MODE / ALL POSITIONS / 9kHz TO 30MHz / 0°				EMI4643
EUT mode:	Tx mode			T (°C): 20.5
Test Date:	20/02/2026			H (%): 37.1
Test Operator:	ATO			P (hPa): 1004
FCC/FCC Part 15 §209 Tx - Moyenne/3.0m/ FCC/FCC Part 15 §209 Tx - QCrête/3.0m/ Meas.Peak 				
POSITION	FREQUENCIES	RBW	VBW	DETECTOR
Circular	9kHz-150kHz	300Hz	1kHz	Peak
Circular	150kHz-30MHz	10kHz	30kHz	Peak
Configuration:	N/A			
Comments:	Limit indicated on these plots are calculated with 40 dB/decade extrapolation factor and 51.5dB conversion factor.			
EUT modification(s): N/A				

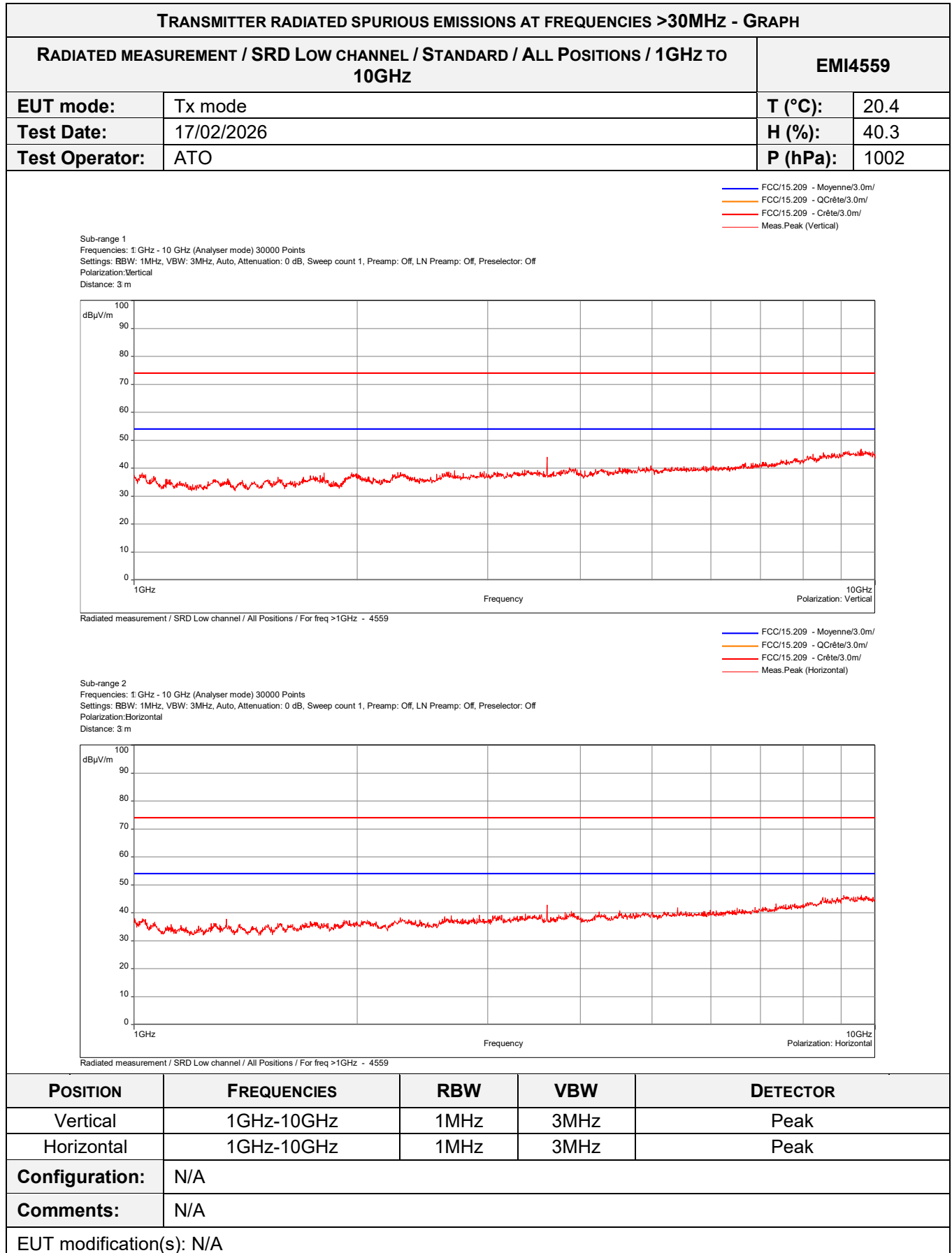
TRANSMITTER RADIATED SPURIOUS EMISSIONS AT FREQUENCIES <30MHz - GRAPH				
RADIATED MEASUREMENT / SRD ALL CHANNELS / STANDARD & LP MODE / ALL POSITIONS / 9kHz TO 30MHz / 45°			EMI4644	
EUT mode:	Tx mode		T (°C):	20.5
Test Date:	20/02/2026		H (%):	37.1
Test Operator:	ATO		P (hPa):	1004
<				

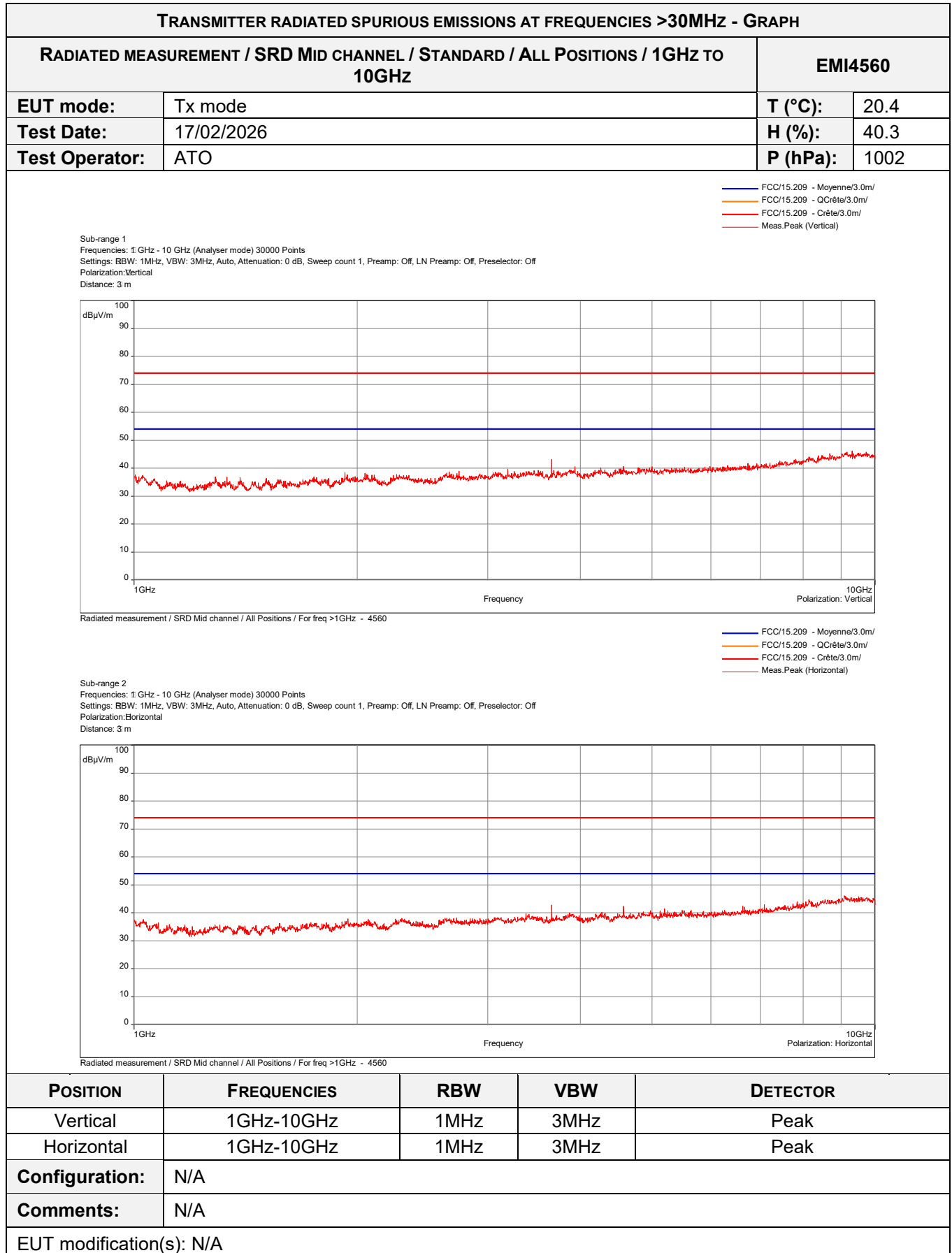


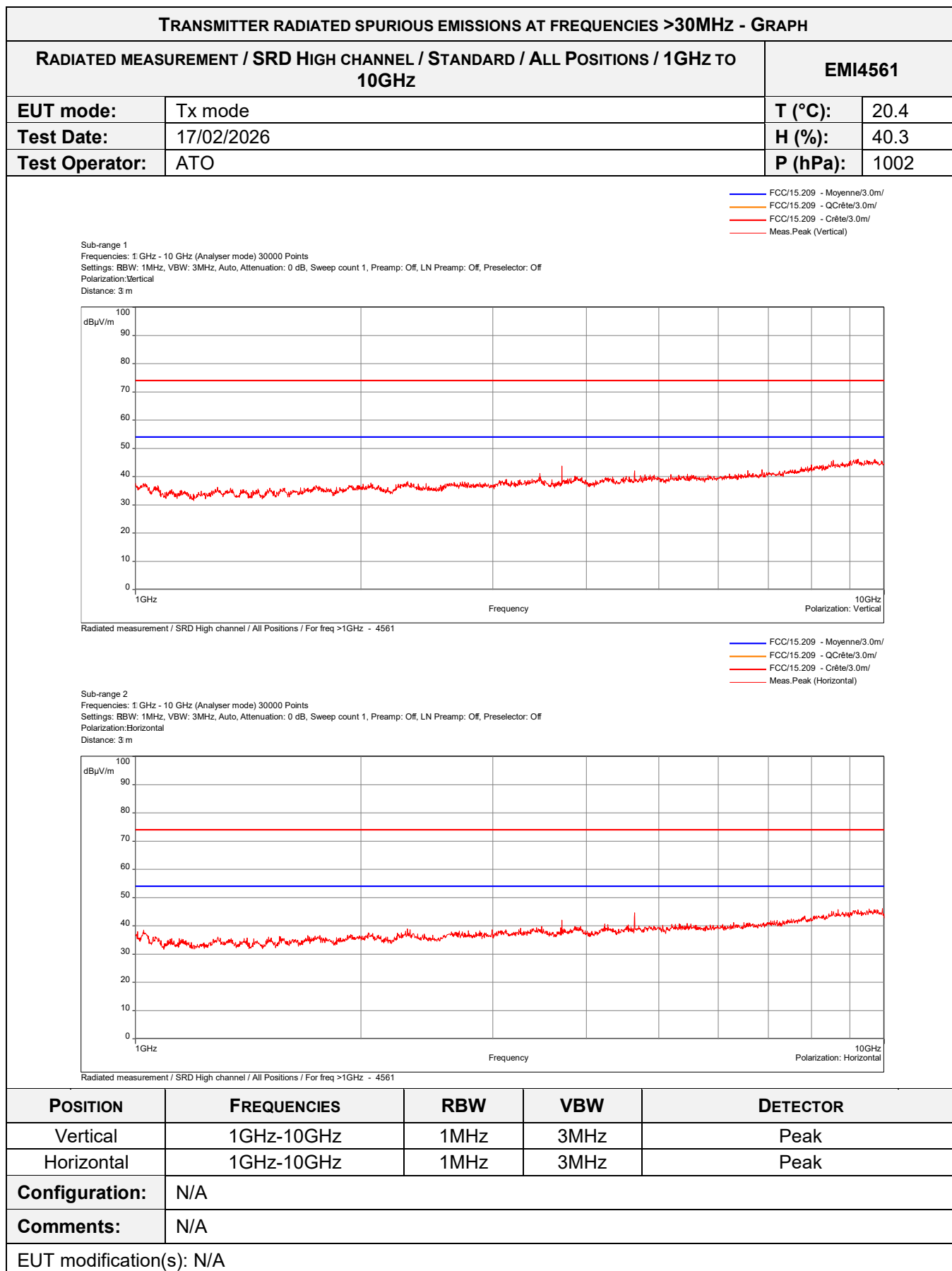


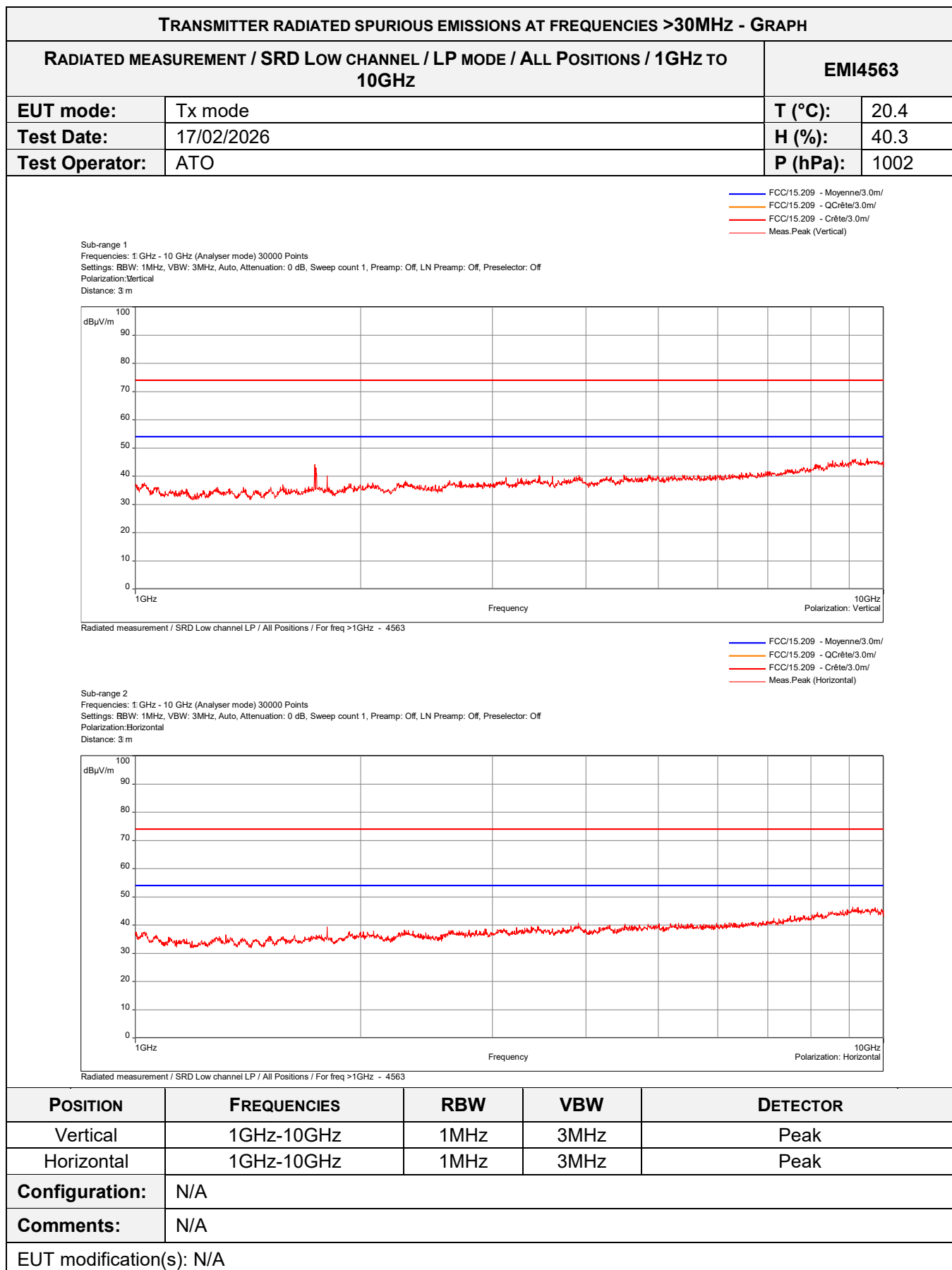


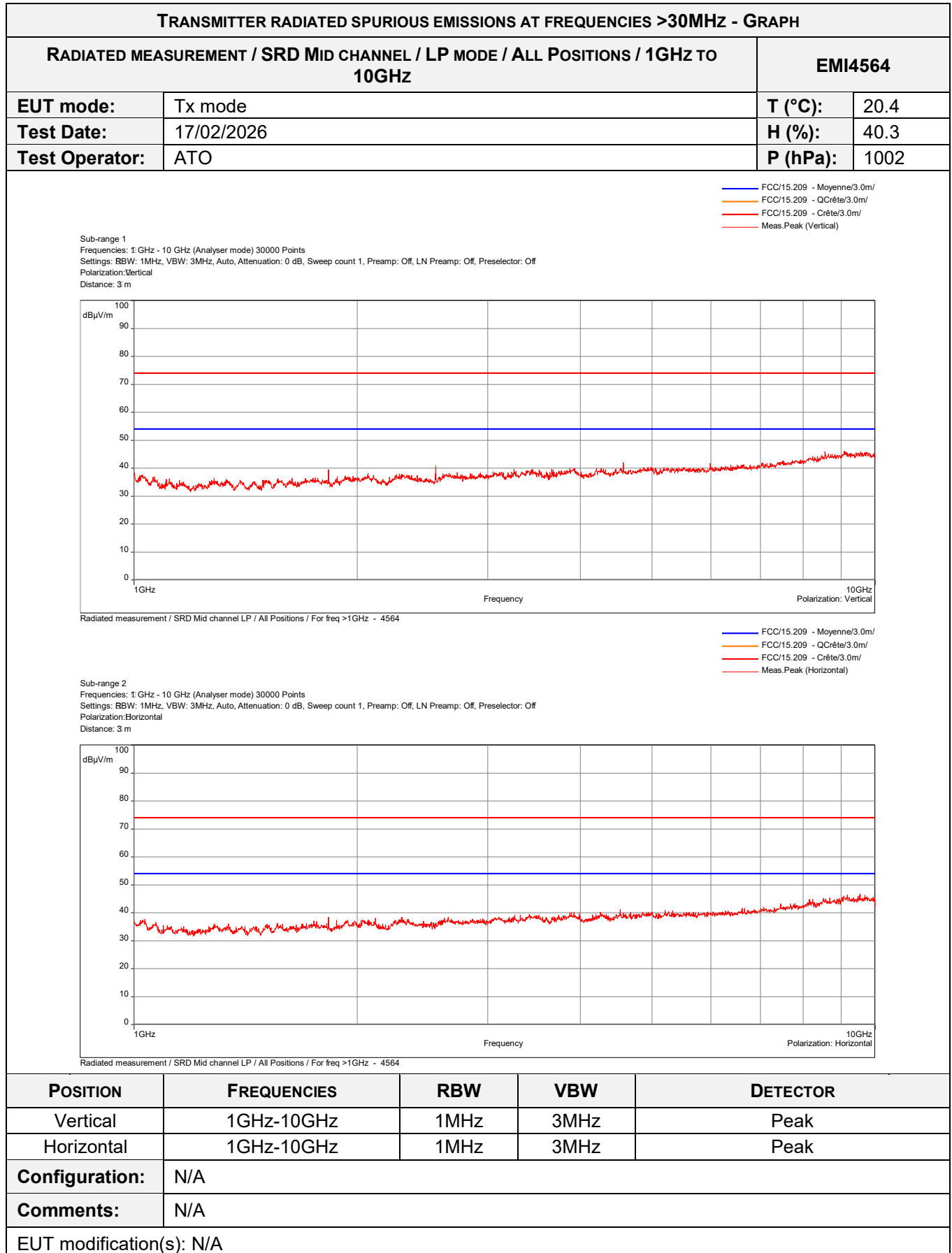


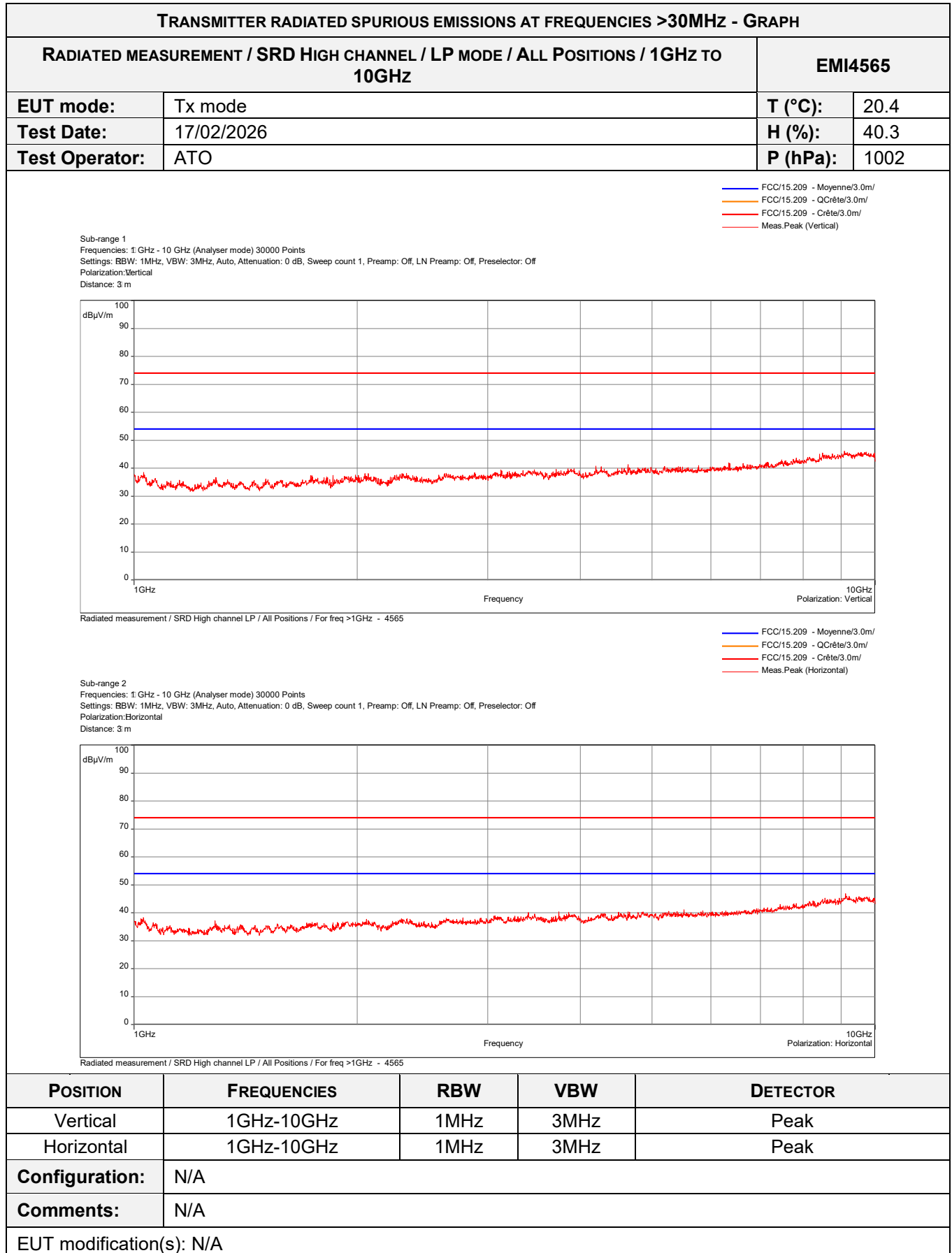












6.2. Maximum peak power of the intentional radiator

Reference standard:	FCC Part 15.249 RSS-210
Test method:	ANSI C63.10: 2020
Test description: For EUT without dedicated or integral antenna, EUT is connected to the measuring receiver via 50Ω attenuator(s). Radiated power limit applies to the maximum measured conducted power value adjusted by the antenna gain and beamforming gain. For EUT with integral or dedicated antenna, measurements are done on a normalized test site. EUT is set on an insulating support at 150 cm above the ground reference plane. Measurement is done on a normalized test site by the substitution method. The test antenna is oriented in the two polarizations (vertical and horizontal), and the product is rotated at 360° in the horizontal plane (See photo(s) for initial position of the EUT(0°)). If applicable the test antenna was raised and lowered through the specified range of height until a maximum signal level is detected. For portable equipments: - For frequencies < 1GHz a research of maximum level is done on 3 axes - For frequencies > 1GHz styrofoam wedges, precut to the 30°, 60°, and 90° angles, are used to support the EUT in the 6 different orientations. Only the highest levels are recorded.	

TESTED CONFIGURATION	PARAMETER	SEVERITY	RESULT TAB.	VERDICT
RF output power / SRD Low channel / Standard / Position 1	901.8MHz-902.3MHz	50mV/m (93.98dBμV/m)	EMI4549	PASS
RF output power / SRD Low channel / Standard / Position 2	901.8MHz-902.3MHz	50mV/m (93.98dBμV/m)	EMI4550	PASS
RF output power / SRD Low channel / Standard / Position 3	901.8MHz-902.3MHz	50mV/m (93.98dBμV/m)	EMI4551	PASS
RF output power / SRD Mid channel / Standard / Position 1	914.75MHz-915.25MHz	50mV/m (93.98dBμV/m)	EMI4580	PASS
RF output power / SRD Mid channel / Standard / Position 2	914.75MHz-915.25MHz	50mV/m (93.98dBμV/m)	EMI4581	PASS
RF output power / SRD Mid channel / Standard / Position 3	914.75MHz-915.25MHz	50mV/m (93.98dBμV/m)	EMI4582	PASS
RF output power / SRD High channel / Standard / Position 1	927.7MHz-928.2MHz	50mV/m (93.98dBμV/m)	EMI4583	PASS
RF output power / SRD High channel / Standard / Position 2	927.7MHz-928.2MHz	50mV/m (93.98dBμV/m)	EMI4584	PASS
RF output power / SRD High channel / Standard / Position 3	927.7MHz-928.2MHz	50mV/m (93.98dBμV/m)	EMI4585	PASS
RF output power / SRD Low channel / LP mode / Position 1	901.8MHz-902.3MHz	50mV/m (93.98dBμV/m)	EMI4586	PASS
RF output power / SRD Low channel / LP mode / Position 2	901.8MHz-902.3MHz	50mV/m (93.98dBμV/m)	EMI4587	PASS
RF output power / SRD Low channel / LP mode / Position 3	901.8MHz-902.3MHz	50mV/m (93.98dBμV/m)	EMI4588	PASS
RF output power / SRD Mid channel / LP mode / Position 1	914.75MHz-915.25MHz	50mV/m (93.98dBμV/m)	EMI4589	PASS
RF output power / SRD Mid channel / LP mode / Position 2	914.75MHz-915.25MHz	50mV/m (93.98dBμV/m)	EMI4590	PASS
RF output power / SRD Mid channel / LP mode / Position 3	914.75MHz-915.25MHz	50mV/m (93.98dBμV/m)	EMI4591	PASS
RF output power / SRD High channel / LP mode / Position 1	927.7MHz-928.2MHz	50mV/m (93.98dBμV/m)	EMI4592	PASS

TESTED CONFIGURATION	PARAMETER	SEVERITY	RESULT TAB.	VERDICT
RF output power / SRD High channel / LP mode / Position 2	927.7MHz-928.2MHz	50mV/m (93.98dBμV/m)	EMI4593	PASS
RF output power / SRD High channel / LP mode / Position 3	927.7MHz-928.2MHz	50mV/m (93.98dBμV/m)	EMI4594	PASS

LABORATORY PARAMETERS:	REQUIRED PRIOR TO THE TEST	DURING THE TEST
Ambient Temperature	15 to 35 °C	See Graph(s)
Relative Humidity	20 to 75 %	See Graph(s)
Atmospheric pressure	N/A	See Graph(s)
Test method deviation: N/A		
Supplementary information: N/A		

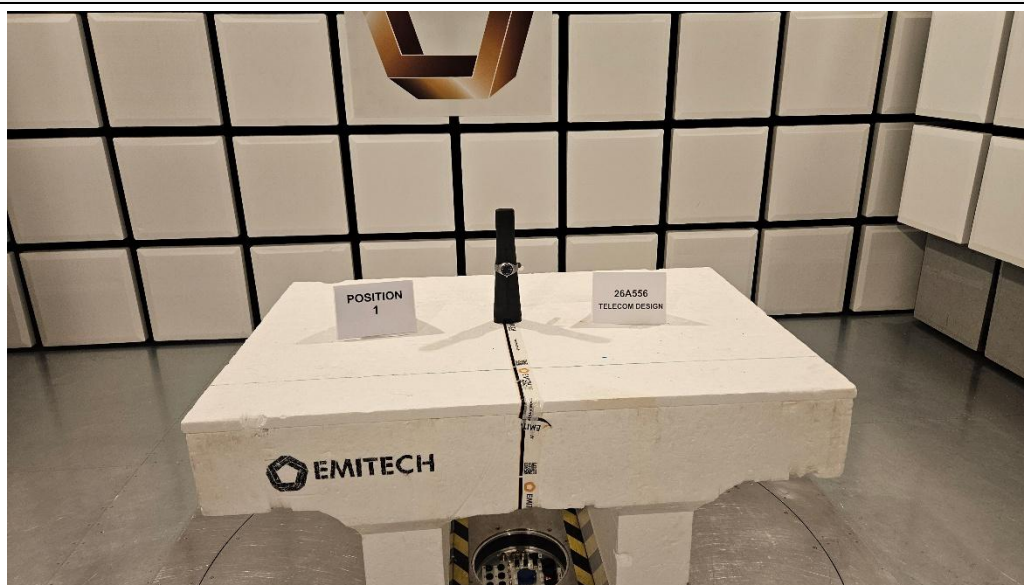
TEST EQUIPMENT USED					
CATEGORY	BRAND	TYPE	IDENTIFIER	CAL. DATE	CAL. DUE
Antenna	ETS lindgren	3142E	14523	08/08/2025	08/10/2028
Cable	SUCOFLEX	N-3m	14379	01/09/2025	01/11/2027
Cable	SUCOFLEX	N-6,5m	14380	17/08/2023	17/10/2026
Cable	Techniwave	N-8m	18349 ⁽¹⁾	17/08/2023	17/04/2026
Receiver	Rohde & Schwarz	ESW8	19536	13/08/2025	13/10/2027
Shielded enclosure	COMTEST	SAC 3m	14494	08/08/2023	08/10/2026
Software	Nexio	BAT EMC	0000		
Thermohygrometer	LUFFT	OPUS 20	17844	05/06/2025	05/08/2026
Thermohygrometer	Testo	608-H2	12268	18/02/2025	18/04/2027

BAT-EMC software version: V3.18.0.26

Blank cells = Permanent validity

⁽¹⁾ Under derogation "EQSDER000S4100156"

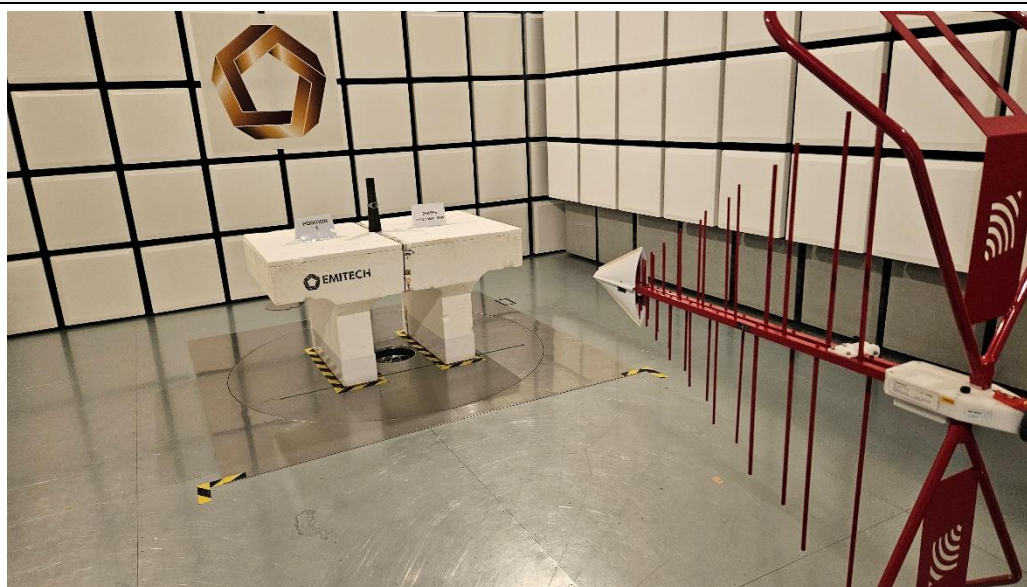
TEST SETUP PHOTO(S) - RADIATED MEASUREMENT – WITH PHANTOM ARM (STANDARD)



TEST SETUP PHOTO(S) - RADIATED MEASUREMENT – WITHOUT PHANTOM ARM (LP)



TEST SETUP PHOTO(S) - RADIATED MEASUREMENT



MAXIMUM PEAK POWER OF THE INTENTIONAL RADIATOR - TABULATED RESULTS			
RF OUTPUT POWER / SRD LOW CHANNEL / STANDARD / POSITION 1			EMI4549
Frequency (MHz)	Polarization	Level (dBμV/m)	Limit (dBμV/m)
902.05	Vertical	80.00	93.98
902.05	Horizontal	91.10	93.98

MAXIMUM PEAK POWER OF THE INTENTIONAL RADIATOR - TABULATED RESULTS			
RF OUTPUT POWER / SRD LOW CHANNEL / STANDARD / POSITION 2			EMI4550
Frequency (MHz)	Polarization	Level (dBμV/m)	Limit (dBμV/m)
902.05	Vertical	92.30	93.98
902.05	Horizontal	81.70	93.98

MAXIMUM PEAK POWER OF THE INTENTIONAL RADIATOR - TABULATED RESULTS			
RF OUTPUT POWER / SRD LOW CHANNEL / STANDARD / POSITION 3			EMI4551
Frequency (MHz)	Polarization	Level (dBμV/m)	Limit (dBμV/m)
902.05	Vertical	92.50	93.98
902.05	Horizontal	84.20	93.98

MAXIMUM PEAK POWER OF THE INTENTIONAL RADIATOR - TABULATED RESULTS			
RF OUTPUT POWER / SRD MID CHANNEL / STANDARD / POSITION 1			EMI4580
Frequency (MHz)	Polarization	Level (dBμV/m)	Limit (dBμV/m)
915.00	Vertical	81.50	93.98
915.00	Horizontal	91.30	93.98

MAXIMUM PEAK POWER OF THE INTENTIONAL RADIATOR - TABULATED RESULTS			
RF OUTPUT POWER / SRD MID CHANNEL / STANDARD / POSITION 2			EMI4581
Frequency (MHz)	Polarization	Level (dBμV/m)	Limit (dBμV/m)
915.00	Vertical	93.50	93.98
915.00	Horizontal	83.00	93.98

MAXIMUM PEAK POWER OF THE INTENTIONAL RADIATOR - TABULATED RESULTS			
RF OUTPUT POWER / SRD MID CHANNEL / STANDARD / POSITION 3			EMI4582
Frequency (MHz)	Polarization	Level (dBμV/m)	Limit (dBμV/m)
915.00	Vertical	93.90	93.98
915.00	Horizontal	84.40	93.98

MAXIMUM PEAK POWER OF THE INTENTIONAL RADIATOR - TABULATED RESULTS			
RF OUTPUT POWER / SRD HIGH CHANNEL / STANDARD / POSITION 1			EMI4583
Frequency (MHz)	Polarization	Level (dBμV/m)	Limit (dBμV/m)
927.95	Vertical	79.70	93.98
927.95	Horizontal	91.10	93.98

MAXIMUM PEAK POWER OF THE INTENTIONAL RADIATOR - TABULATED RESULTS			
RF OUTPUT POWER / SRD HIGH CHANNEL / STANDARD / POSITION 2			EMI4584
Frequency (MHz)	Polarization	Level (dBμV/m)	Limit (dBμV/m)
927.95	Vertical	93.00	93.98
927.95	Horizontal	83.40	93.98

MAXIMUM PEAK POWER OF THE INTENTIONAL RADIATOR - TABULATED RESULTS			
RF OUTPUT POWER / SRD HIGH CHANNEL / STANDARD / POSITION 3			EMI4585
Frequency (MHz)	Polarization	Level (dBμV/m)	Limit (dBμV/m)
927.95	Vertical	93.50	93.98
927.95	Horizontal	84.20	93.98

MAXIMUM PEAK POWER OF THE INTENTIONAL RADIATOR - TABULATED RESULTS			
RF OUTPUT POWER / SRD LOW CHANNEL / LP MODE / POSITION 1			EMI4586
Frequency (MHz)	Polarization	Level (dBμV/m)	Limit (dBμV/m)
902.05	Vertical	80.50	93.98
902.05	Horizontal	90.60	93.98

MAXIMUM PEAK POWER OF THE INTENTIONAL RADIATOR - TABULATED RESULTS			
RF OUTPUT POWER / SRD LOW CHANNEL / LP MODE / POSITION 2			EMI4587
Frequency (MHz)	Polarization	Level (dBμV/m)	Limit (dBμV/m)
902.05	Vertical	86.20	93.98
902.05	Horizontal	91.40	93.98

MAXIMUM PEAK POWER OF THE INTENTIONAL RADIATOR - TABULATED RESULTS			
RF OUTPUT POWER / SRD LOW CHANNEL / LP MODE / POSITION 3			EMI4588
Frequency (MHz)	Polarization	Level (dBμV/m)	Limit (dBμV/m)
902.05	Vertical	92.40	93.98
902.05	Horizontal	81.30	93.98

MAXIMUM PEAK POWER OF THE INTENTIONAL RADIATOR - TABULATED RESULTS			
RF OUTPUT POWER / SRD MID CHANNEL / LP MODE / POSITION 1			EMI4589
Frequency (MHz)	Polarization	Level (dB μ V/m)	Limit (dB μ V/m)
915.00	Vertical	79.60	93.98
915.00	Horizontal	90.10	93.98

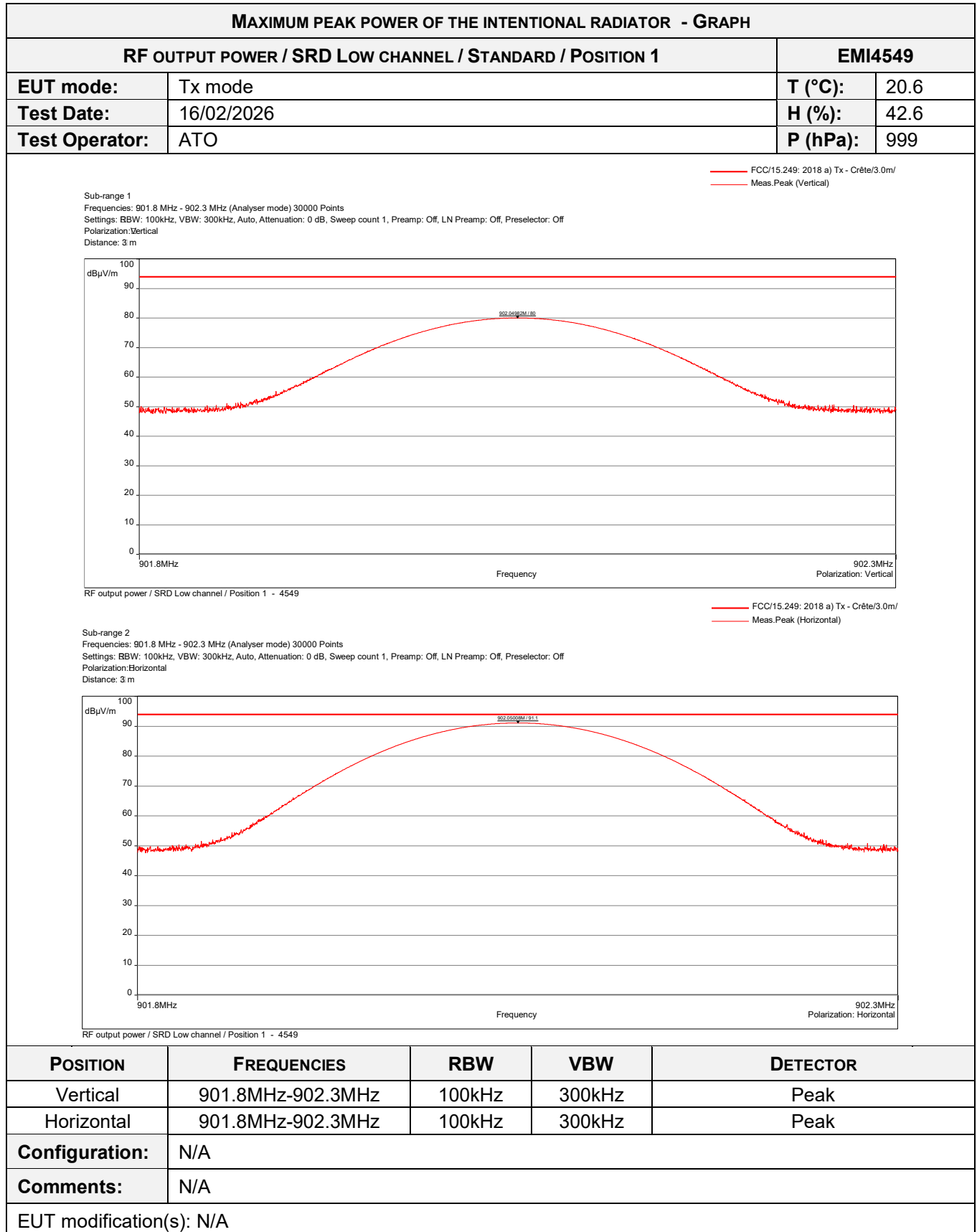
MAXIMUM PEAK POWER OF THE INTENTIONAL RADIATOR - TABULATED RESULTS			
RF OUTPUT POWER / SRD MID CHANNEL / LP MODE / POSITION 2			EMI4590
Frequency (MHz)	Polarization	Level (dB μ V/m)	Limit (dB μ V/m)
915.00	Vertical	85.80	93.98
915.00	Horizontal	90.70	93.98

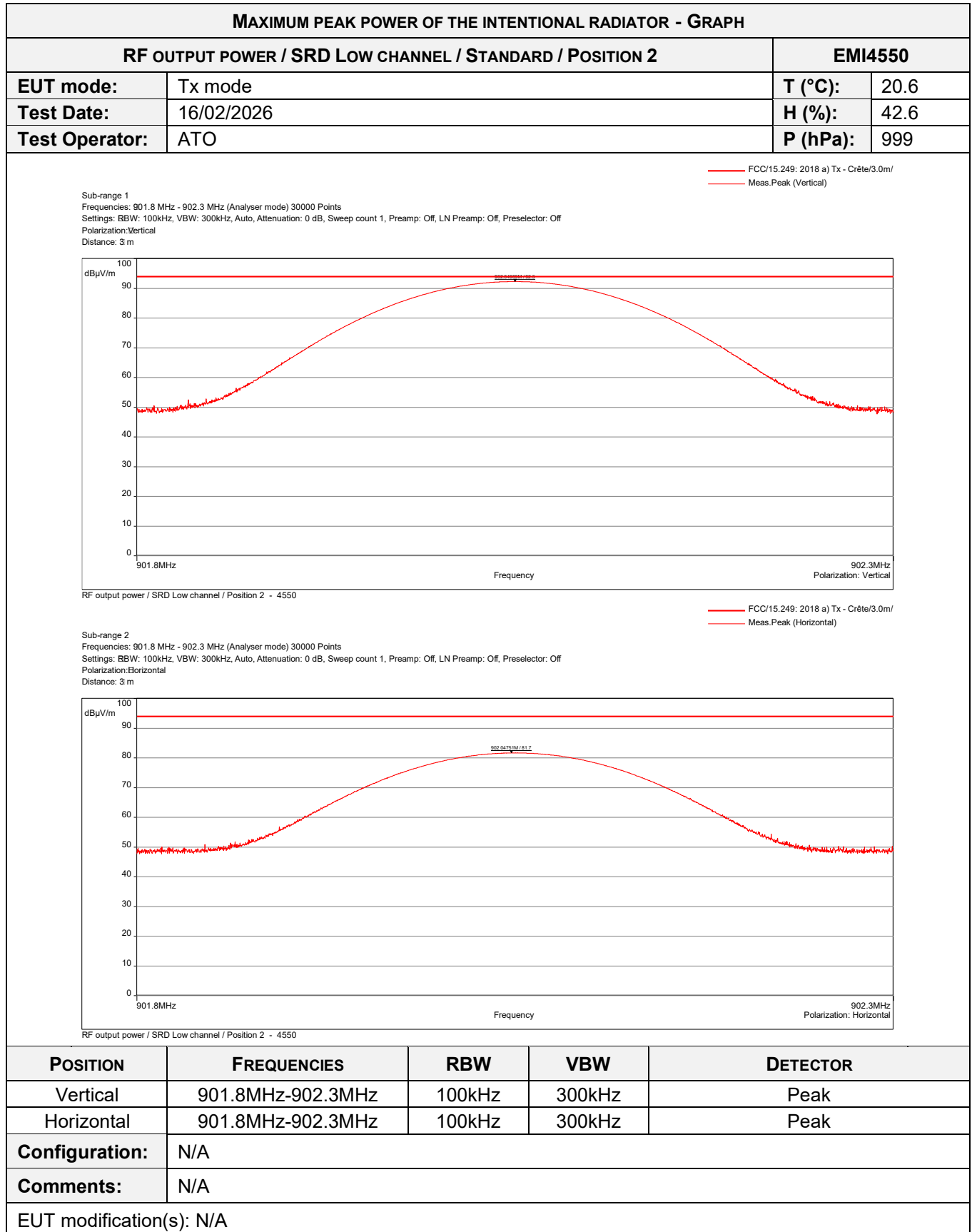
MAXIMUM PEAK POWER OF THE INTENTIONAL RADIATOR - TABULATED RESULTS			
RF OUTPUT POWER / SRD MID CHANNEL / LP MODE / POSITION 3			EMI4591
Frequency (MHz)	Polarization	Level (dB μ V/m)	Limit (dB μ V/m)
915.00	Vertical	91.90	93.98
915.00	Horizontal	81.90	93.98

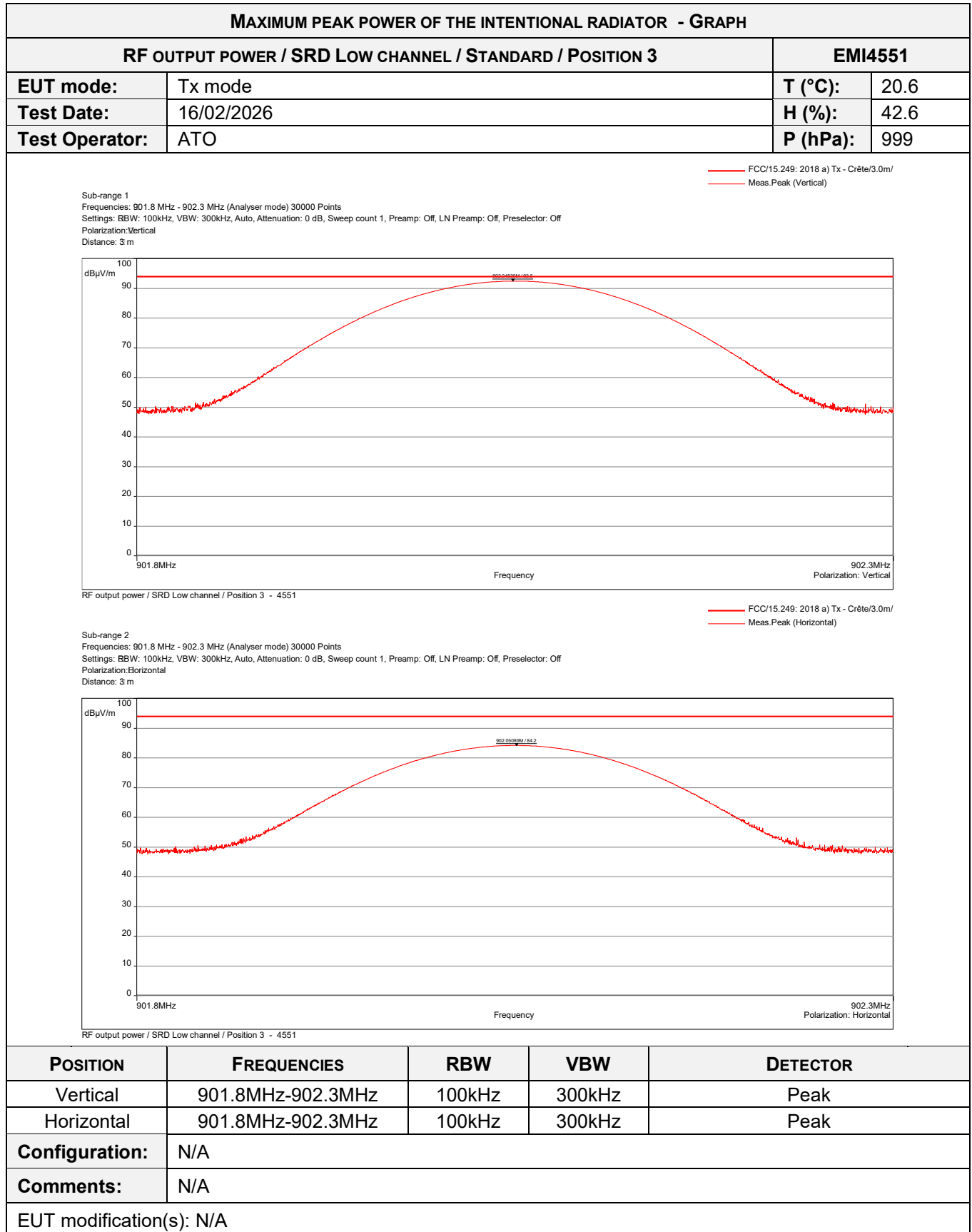
MAXIMUM PEAK POWER OF THE INTENTIONAL RADIATOR - TABULATED RESULTS			
RF OUTPUT POWER / SRD HIGH CHANNEL / LP MODE / POSITION 1			EMI4592
Frequency (MHz)	Polarization	Level (dB μ V/m)	Limit (dB μ V/m)
927.95	Vertical	81.10	93.98
927.95	Horizontal	88.20	93.98

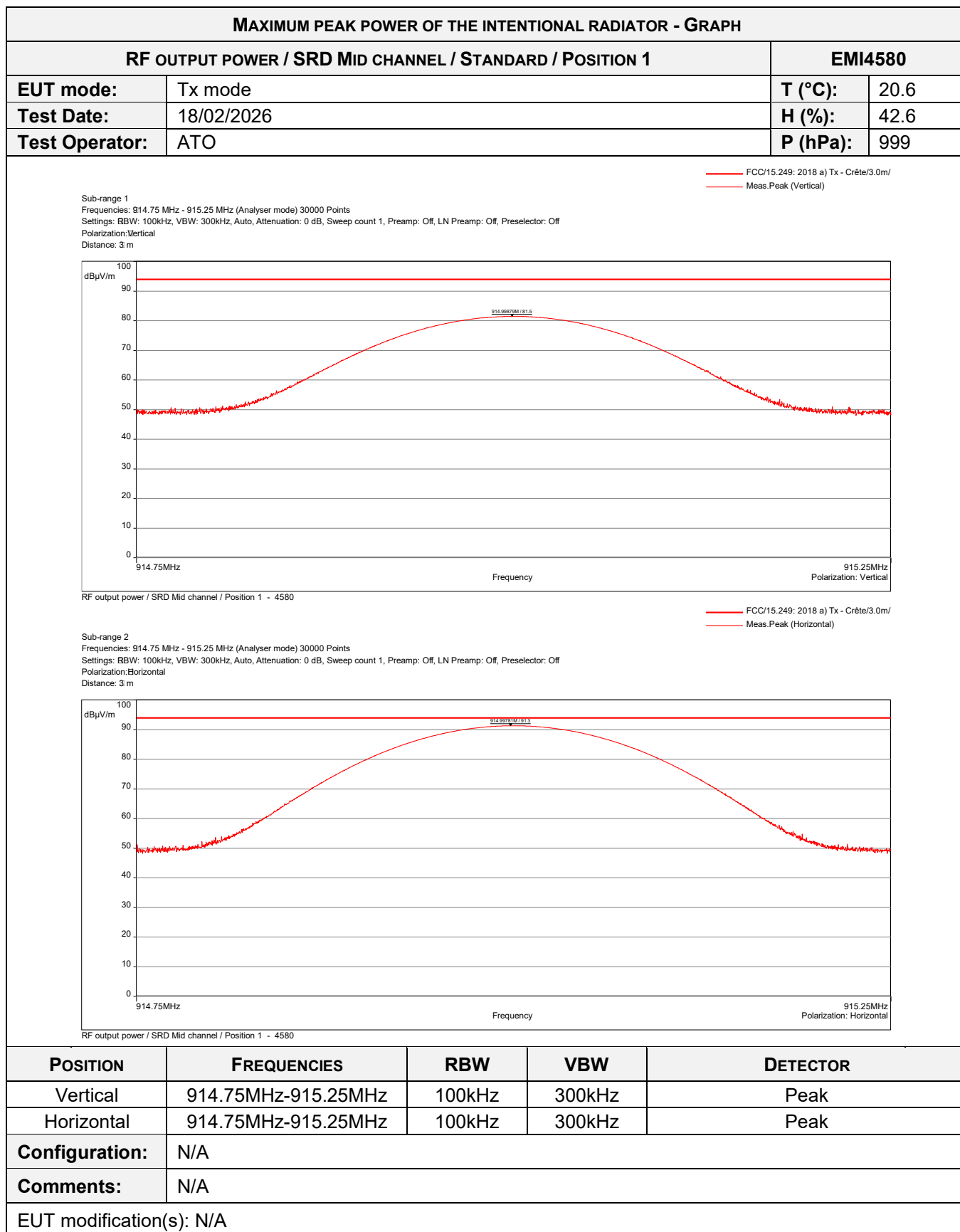
MAXIMUM PEAK POWER OF THE INTENTIONAL RADIATOR - TABULATED RESULTS			
RF OUTPUT POWER / SRD HIGH CHANNEL / LP MODE / POSITION 2			EMI4593
Frequency (MHz)	Polarization	Level (dB μ V/m)	Limit (dB μ V/m)
927.95	Vertical	85.60	93.98
927.95	Horizontal	89.40	93.98

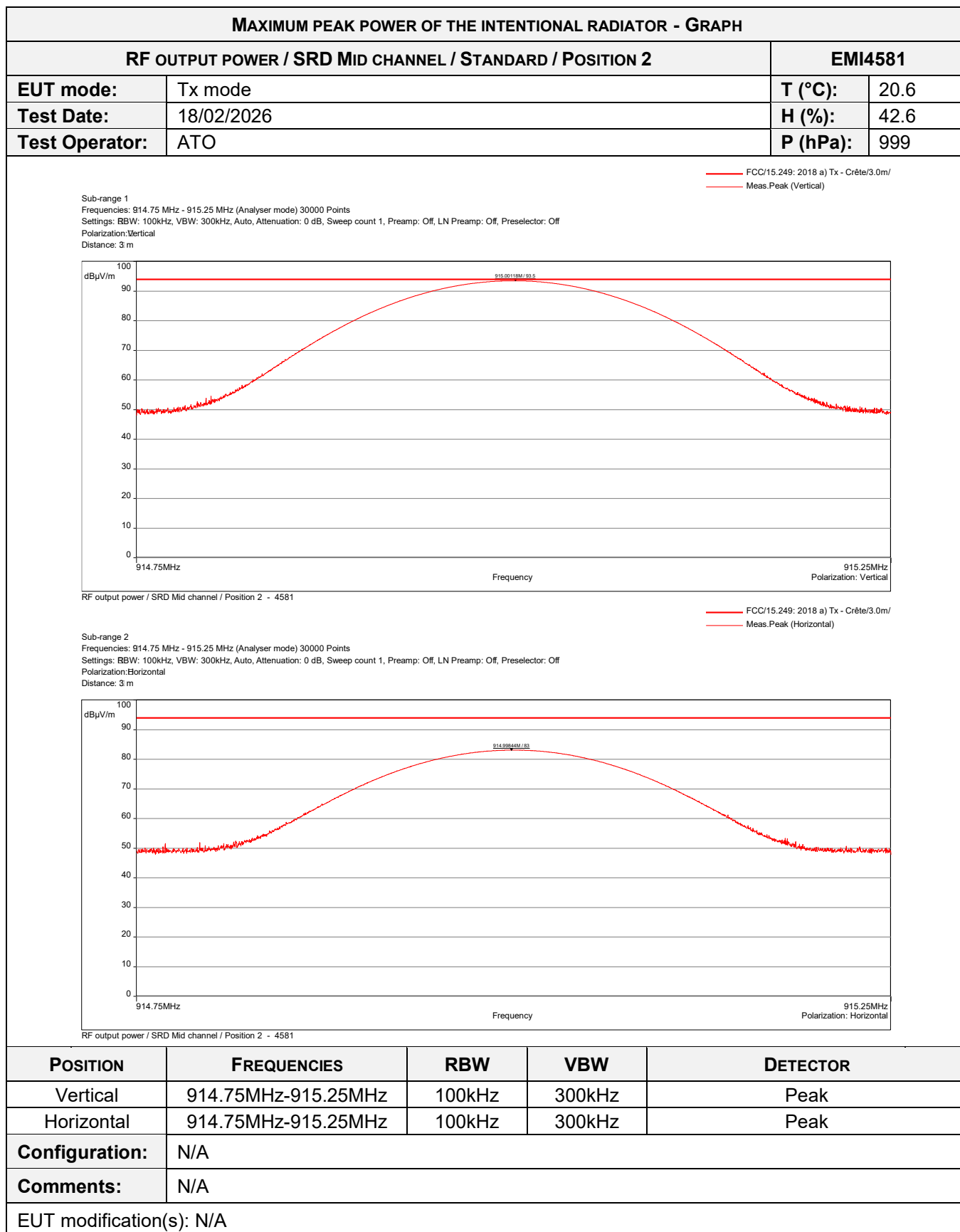
MAXIMUM PEAK POWER OF THE INTENTIONAL RADIATOR - TABULATED RESULTS			
RF OUTPUT POWER / SRD HIGH CHANNEL / LP MODE / POSITION 3			EMI4594
Frequency (MHz)	Polarization	Level (dB μ V/m)	Limit (dB μ V/m)
927.95	Vertical	91.20	93.98
927.95	Horizontal	81.70	93.98

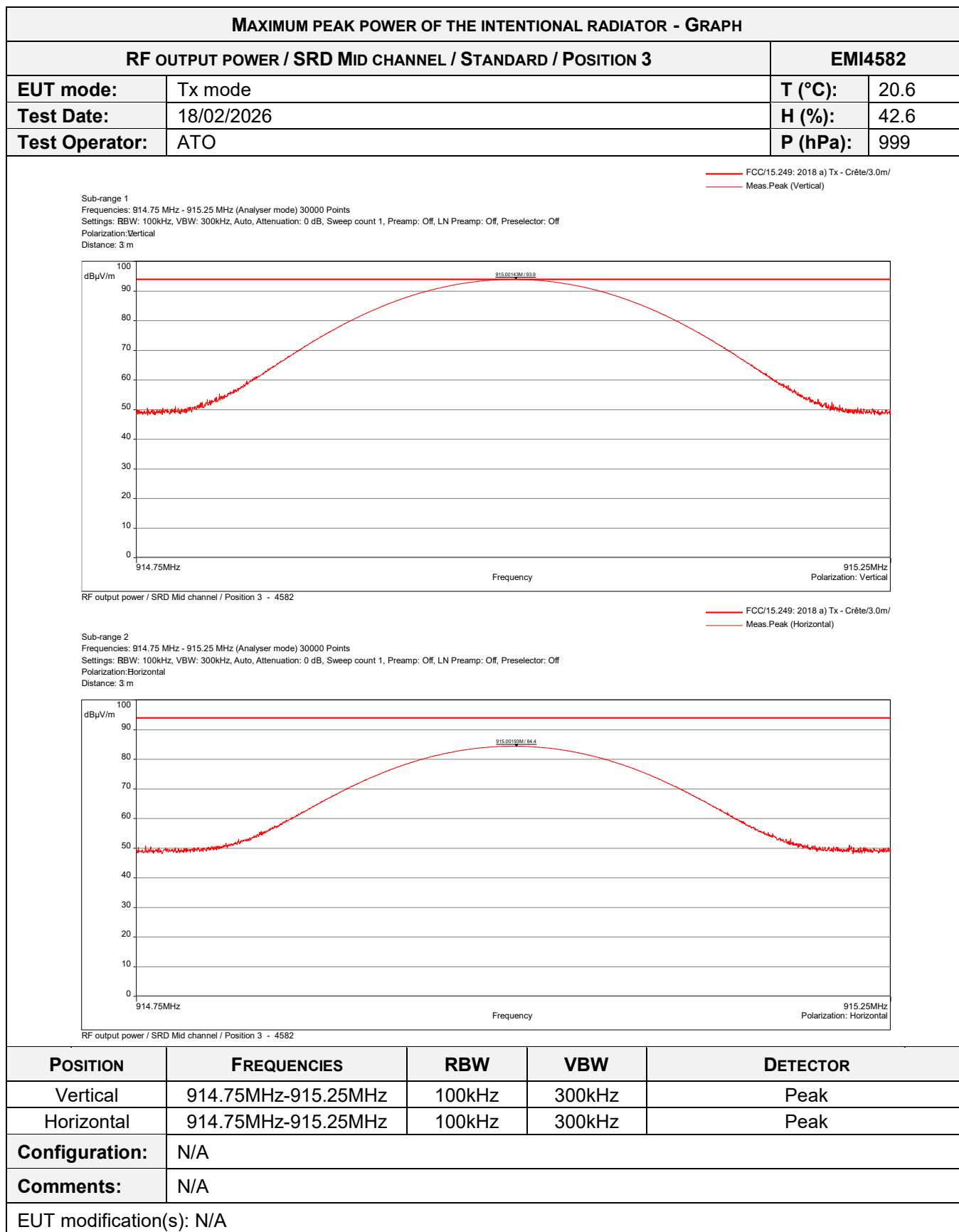


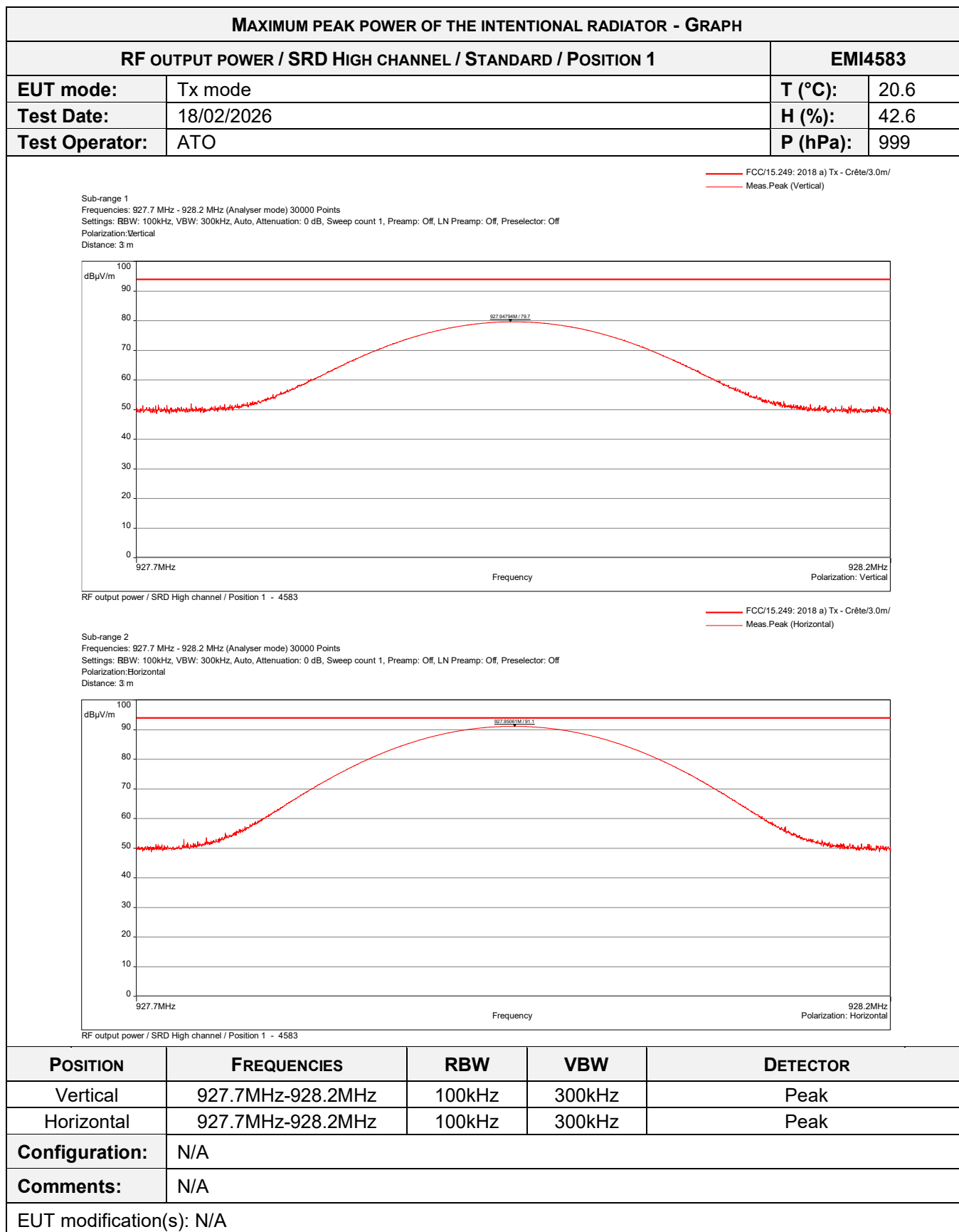


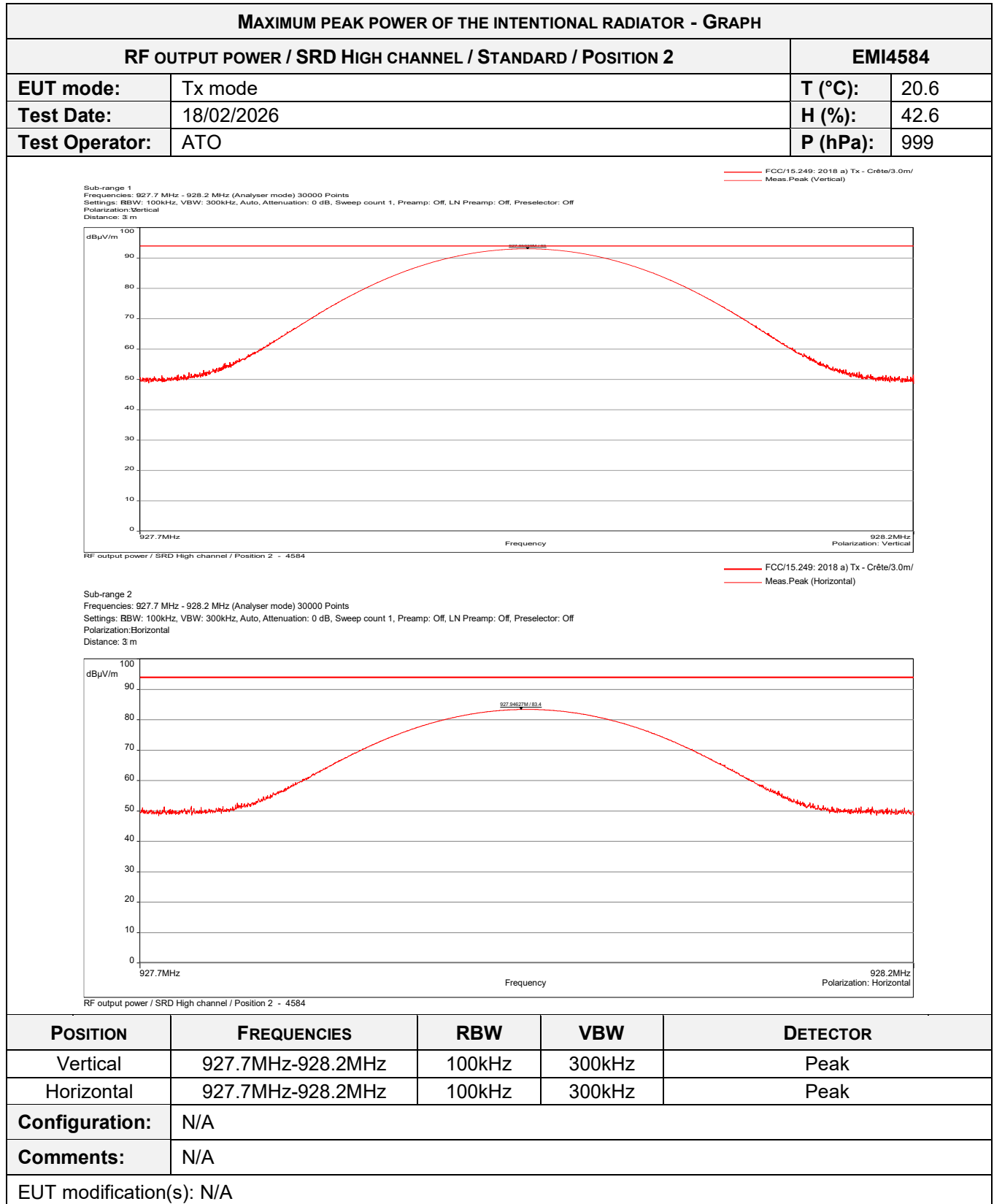


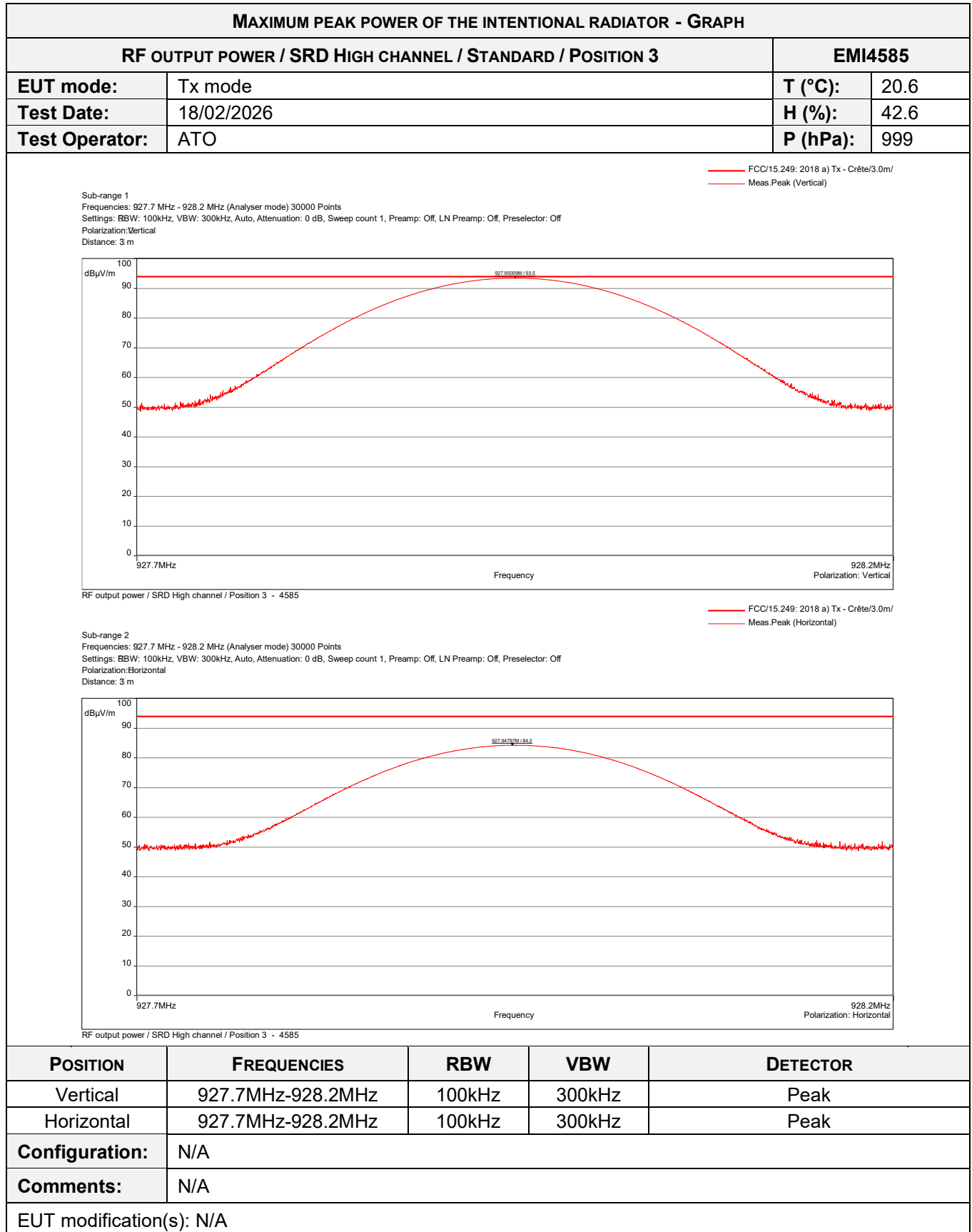


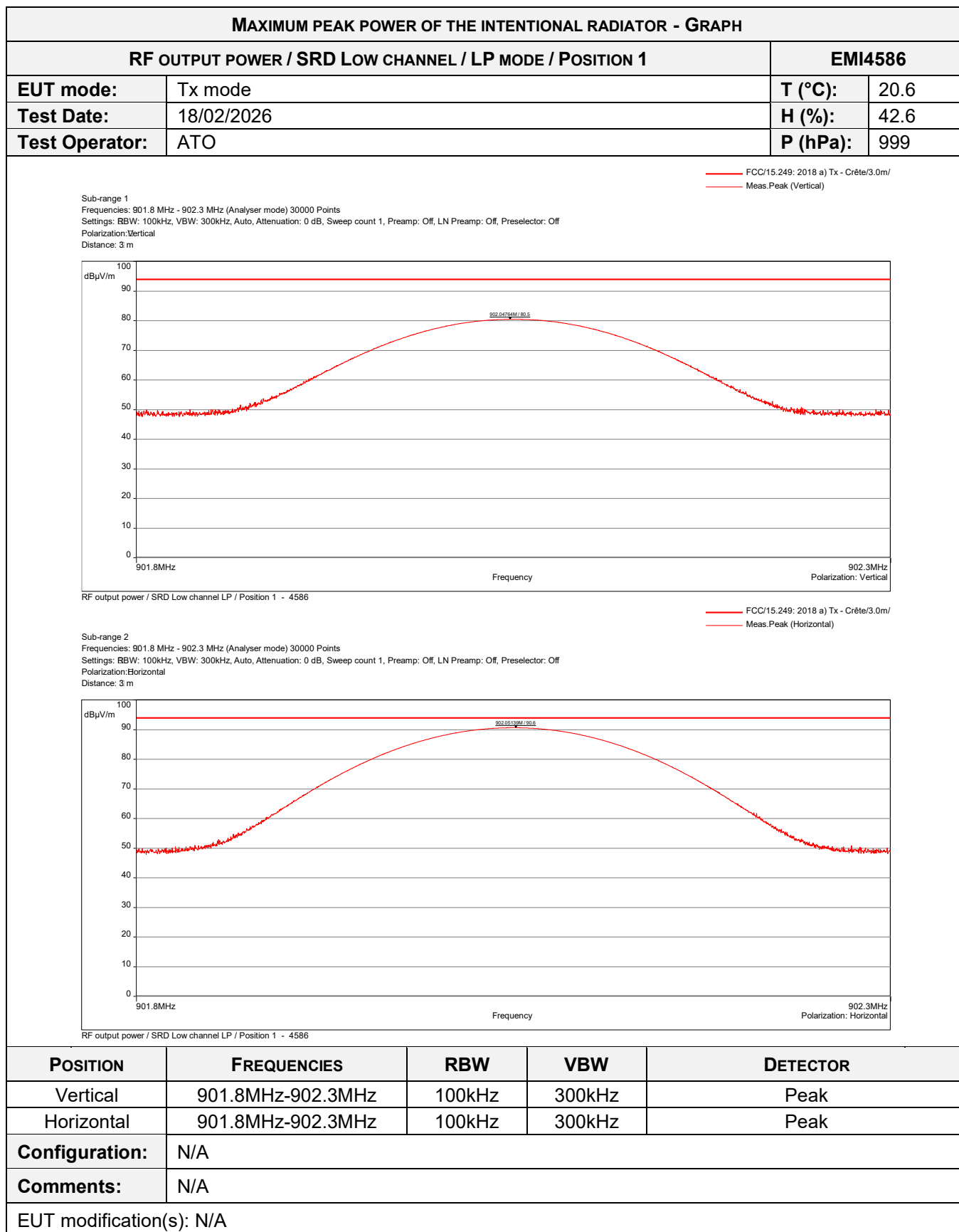


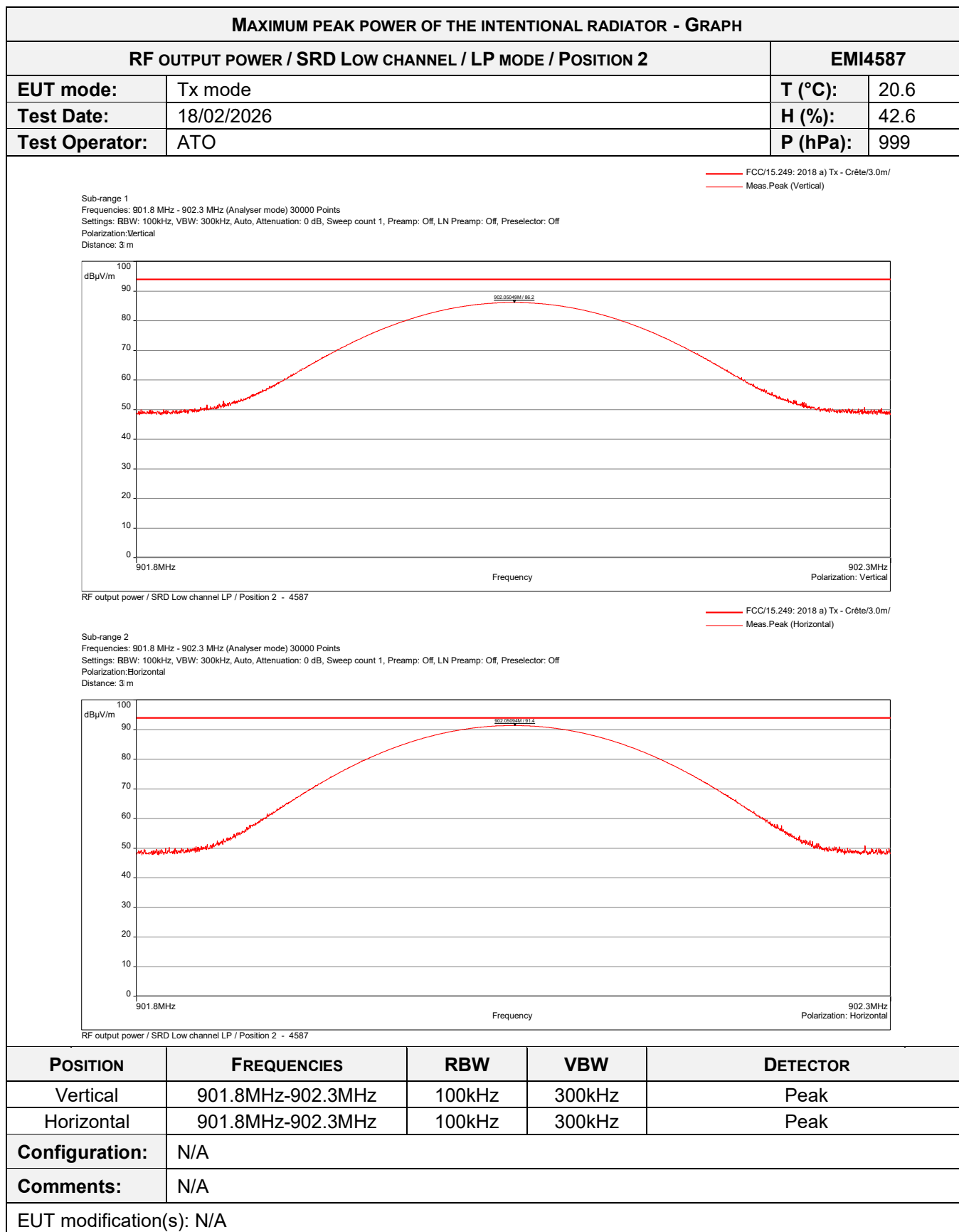


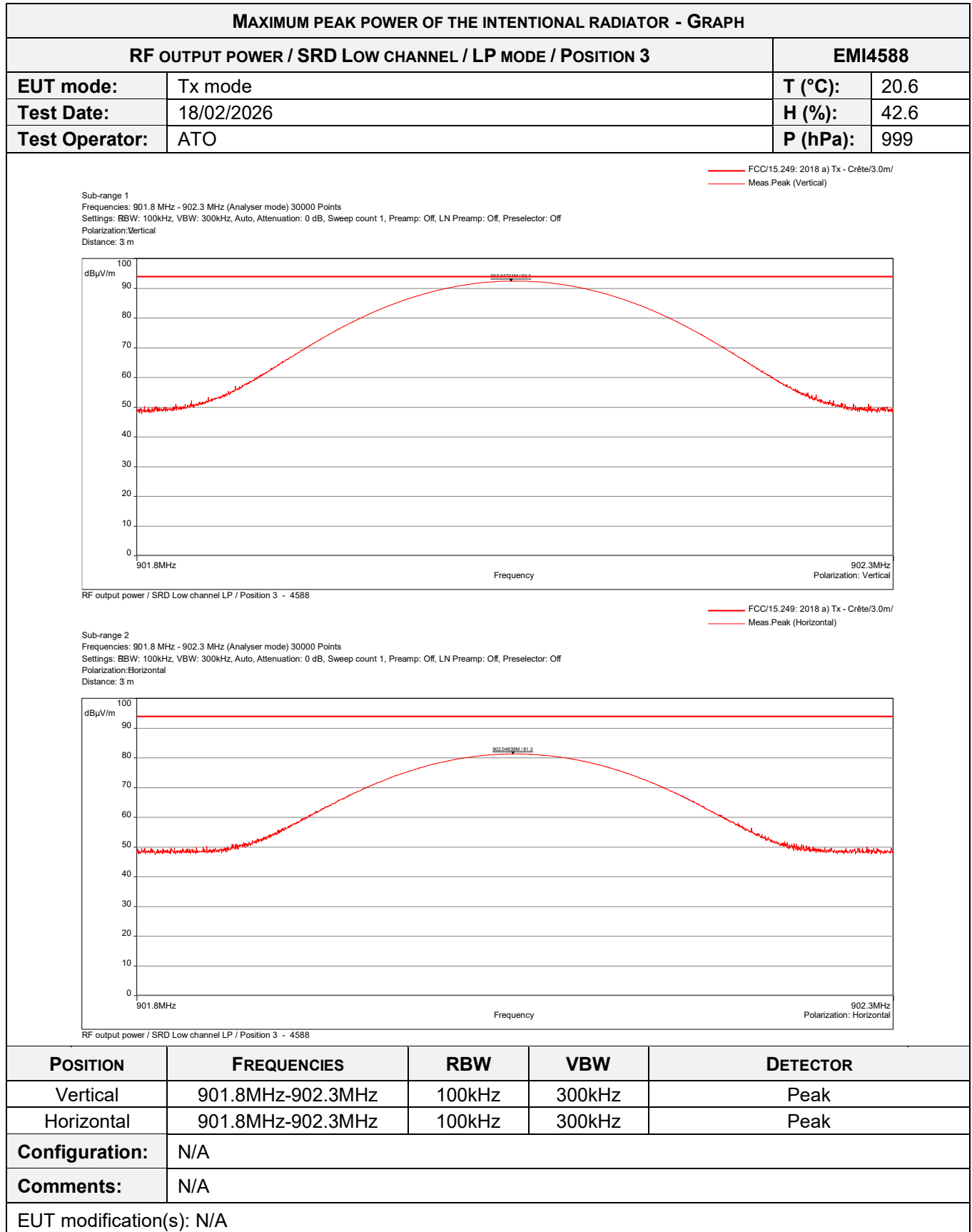


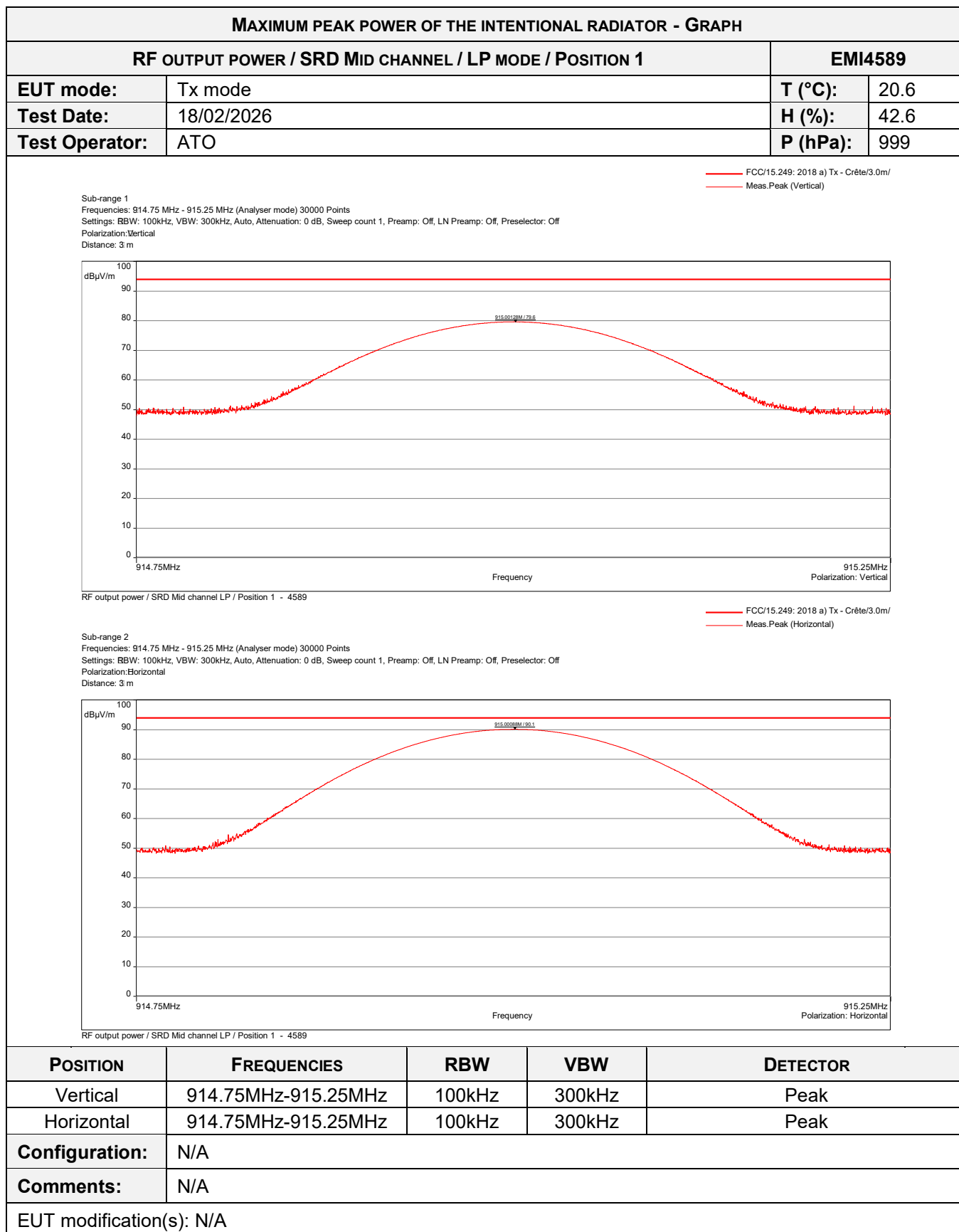


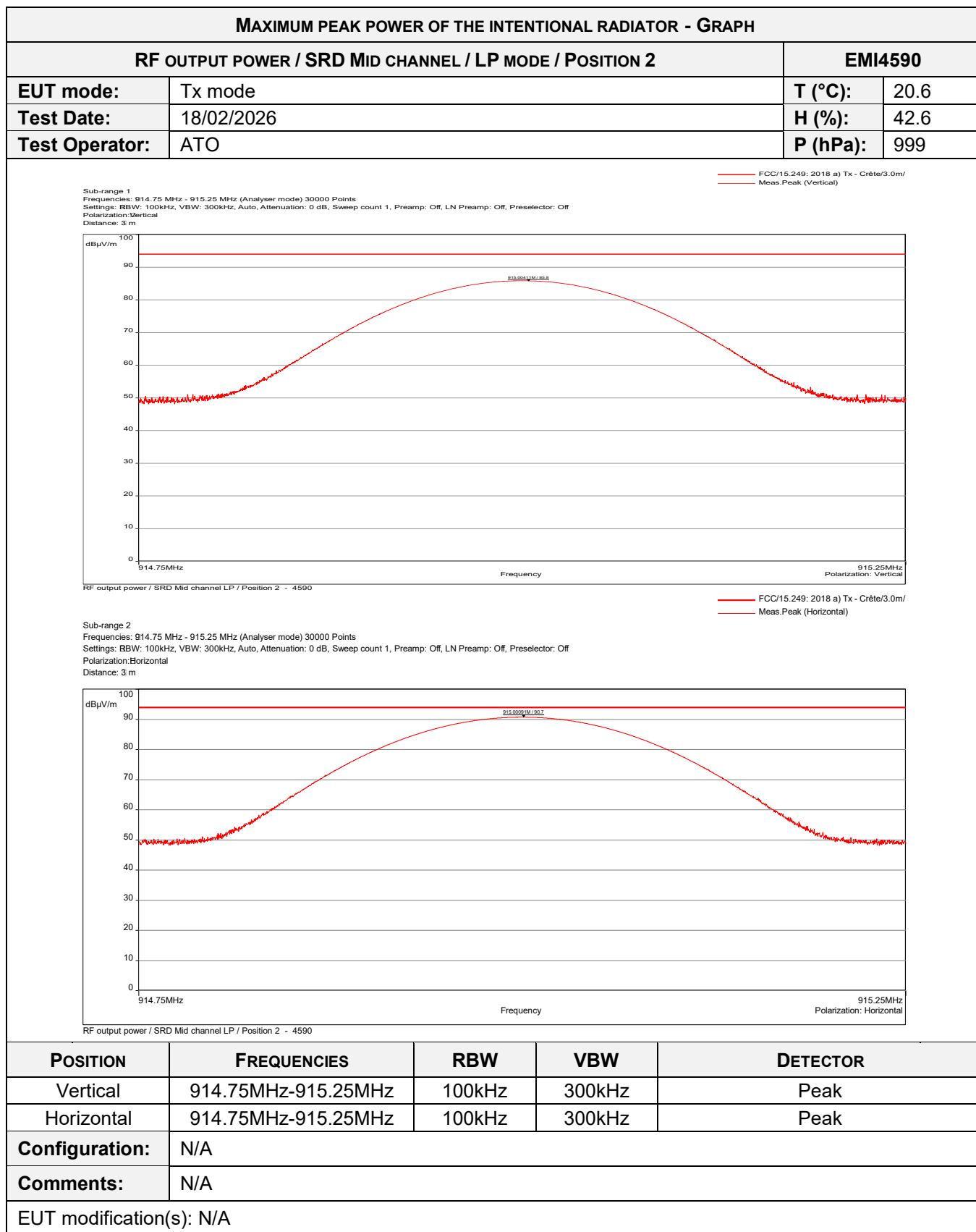


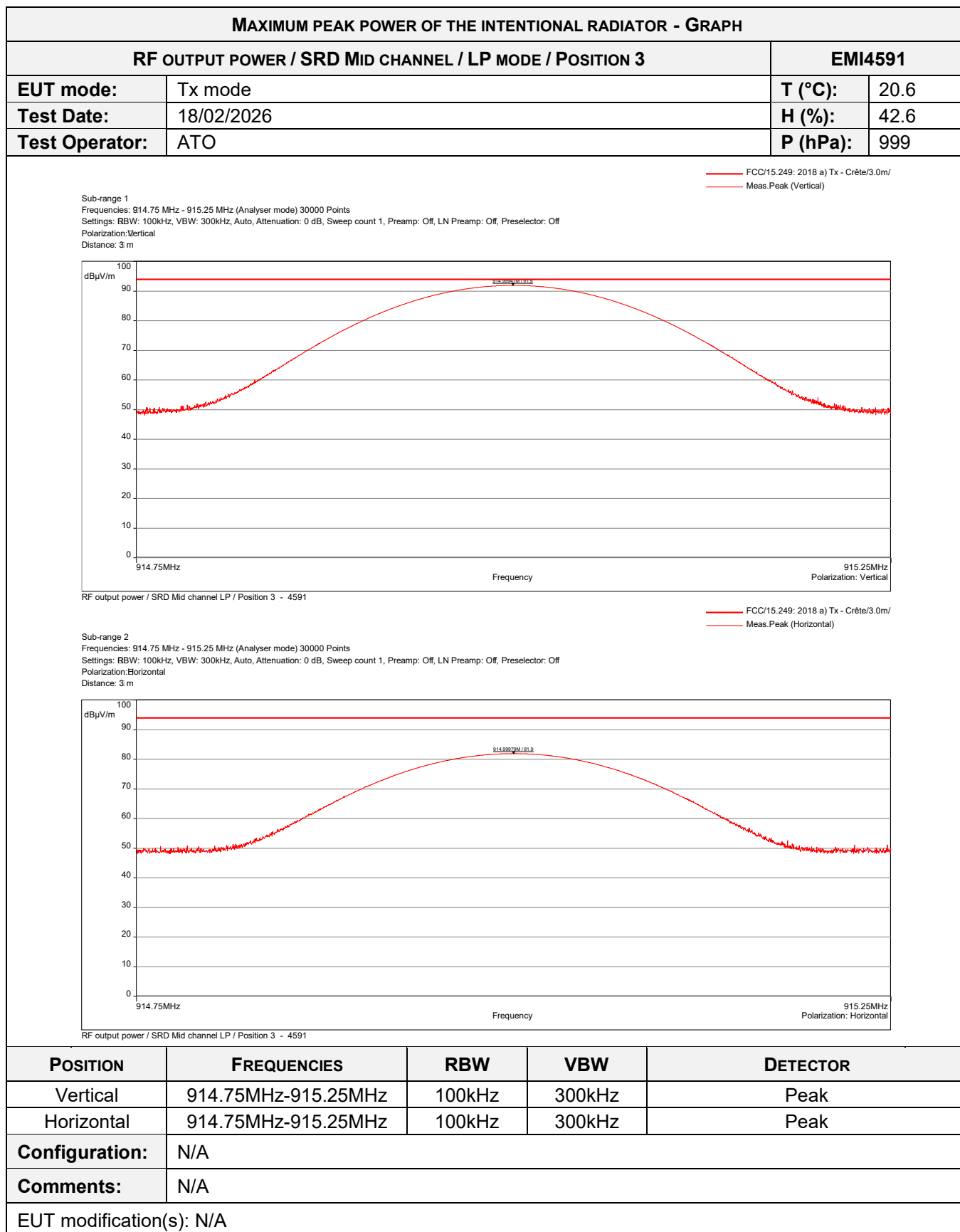


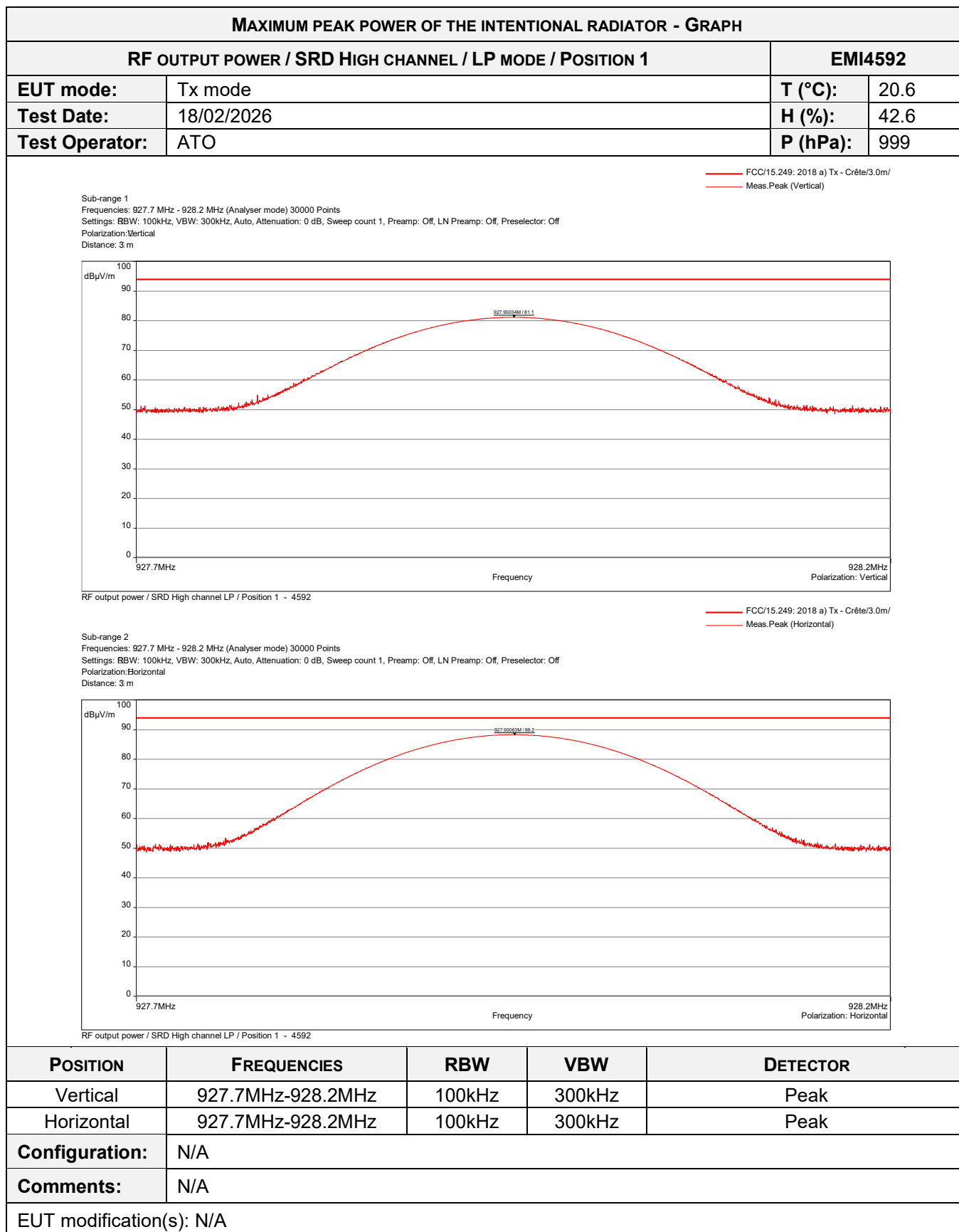


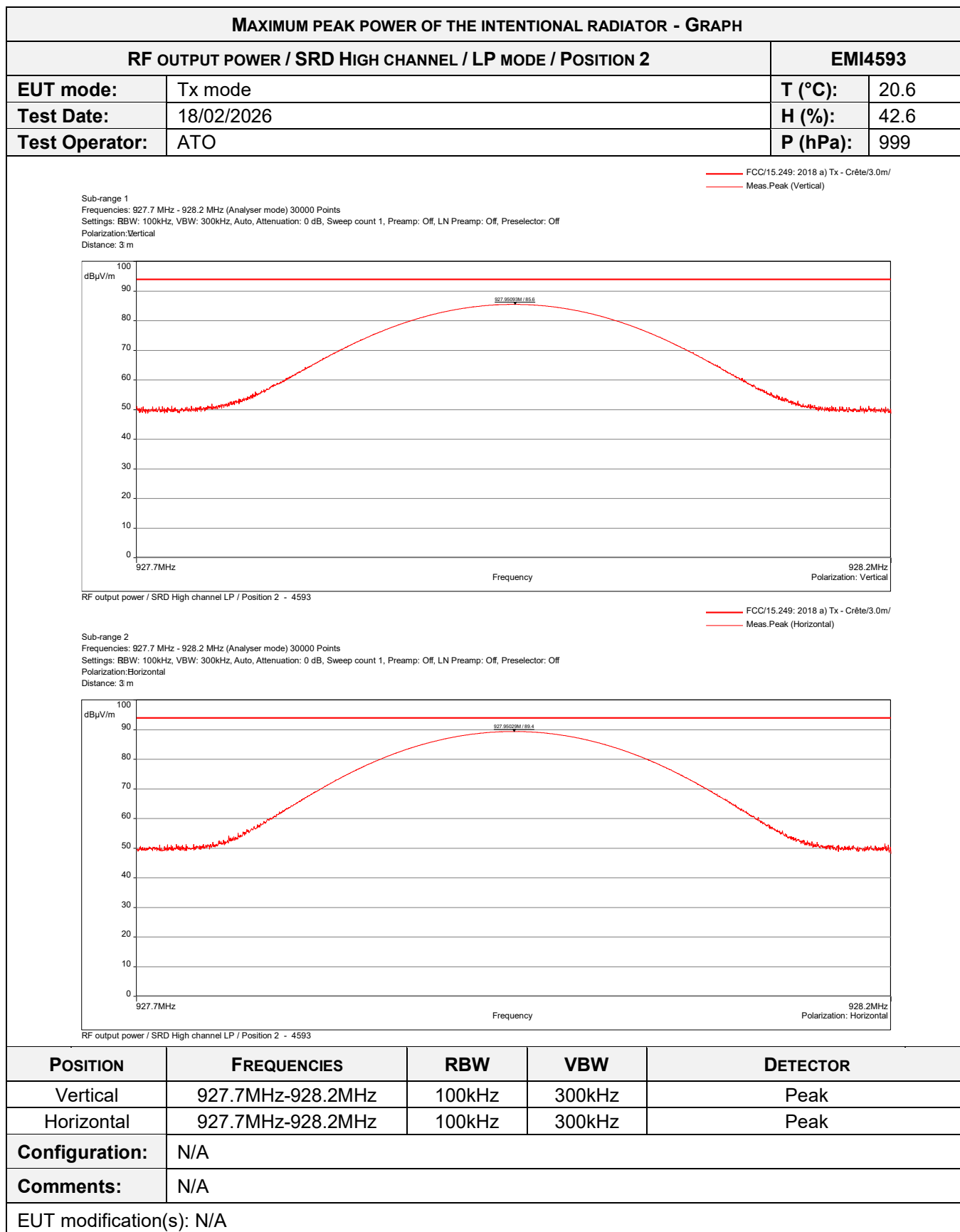


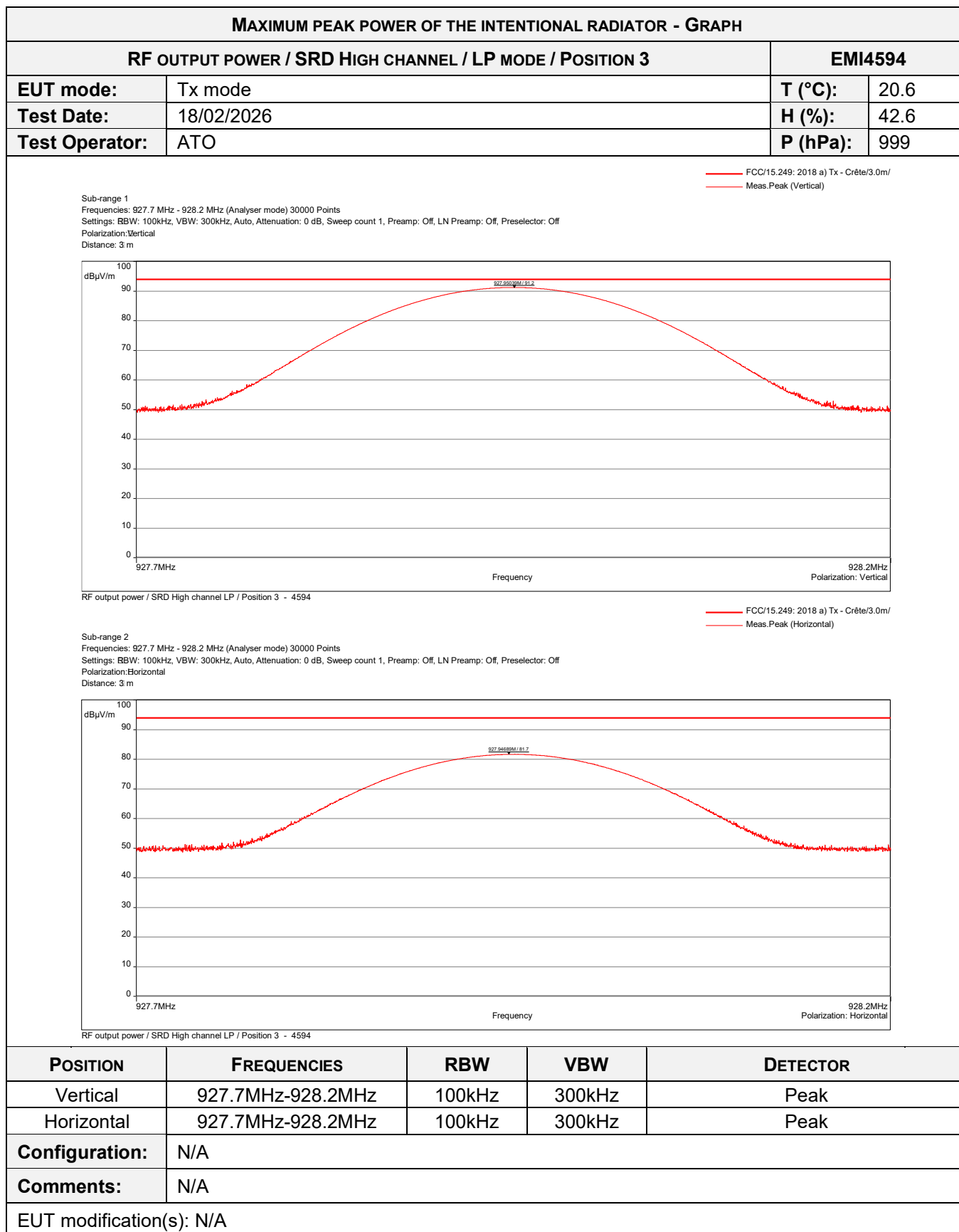












6.3. Modulation bandwidth

Reference standard:	FCC Part 15.249 RSS-210
Test method:	ANSI C63.10: 2020
Test description: The modulation bandwidth contains all associated side bands above a defined level. For EUT without dedicated or integral antenna, EUT is connected to the measuring receiver via 50Ω attenuator(s). Radiated carrier limit applies to the maximum measured conducted power value adjusted by the antenna gain. For EUT with integral or dedicated antenna, measurements are done on a normalized test site. EUT is set on an insulating support at 80cm above the ground reference plane. Then EUT is set inside the climatic enclosure. Measurements are repeated in extreme test conditions with the carrier levels correlated with the maximum carrier level measured in normal conditions.	

TEST CASE AND CONDITIONS	MODULATION BANDWIDTH	RESULT TAB.	VERDICT
20dB Bandwidth - Low channel	11.40kHz	EMI4567	PASS
20dB Bandwidth - Mid channel	11.28kHz	EMI4680	PASS
20dB Bandwidth - High channel	11.22kHz	EMI4681	PASS
OBW - Low channel	9.957kHz	EMI4474	PASS
OBW - Mid channel	9.943kHz	EMI4652	PASS
OBW - High channel	9.995kHz	EMI4653	PASS

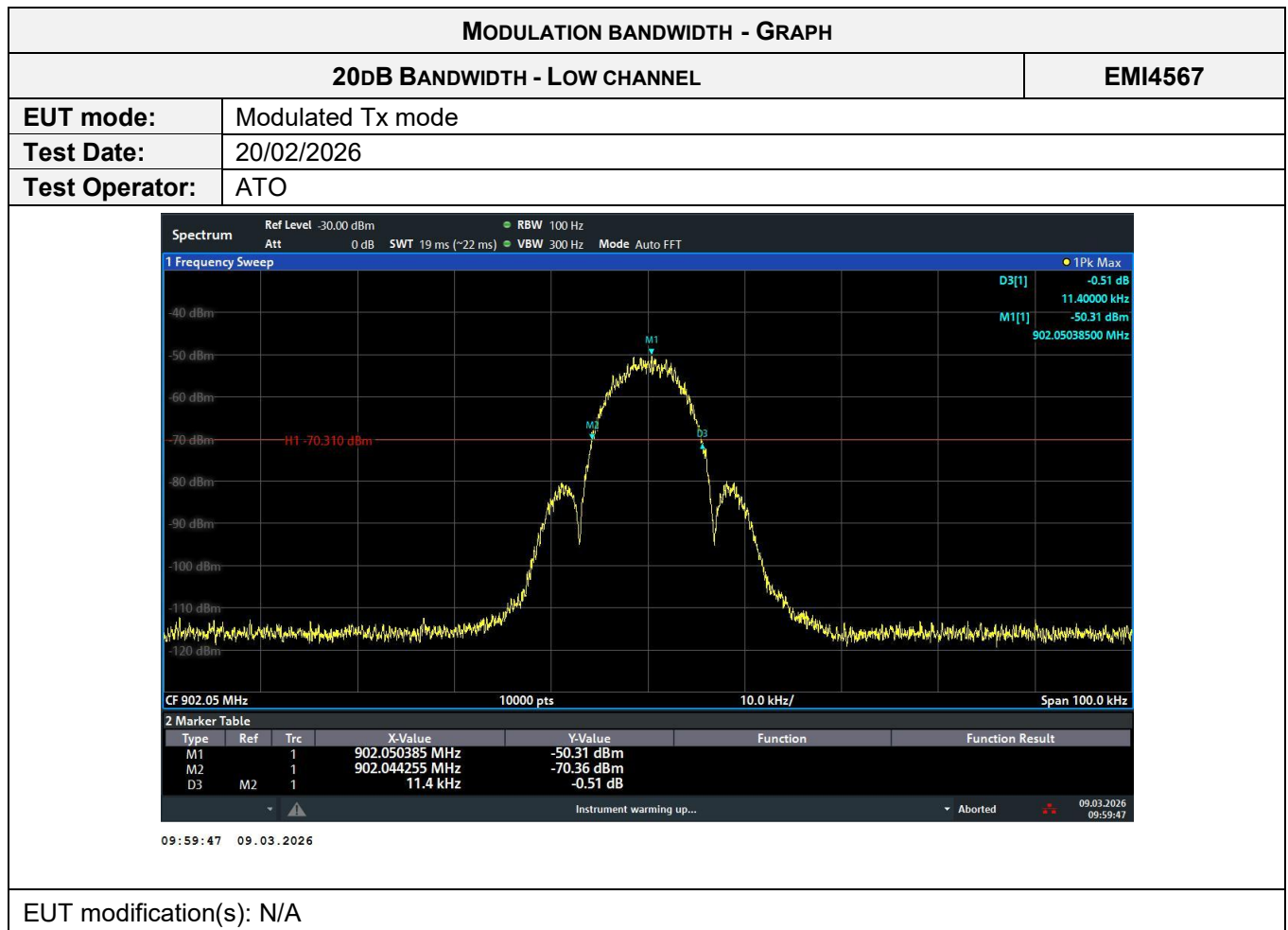
LABORATORY PARAMETERS:	REQUIRED PRIOR TO THE TEST	DURING THE TEST
Ambient Temperature	15 to 35 °C	20.8 °C
Relative Humidity	20 to 75 %	39.8%
Atmospheric pressure	N/A	1000hPa
Test method deviation: N/A		
Supplementary information: N/A		

TEST EQUIPMENT USED					
CATEGORY	BRAND	TYPE	IDENTIFIER	CAL. DATE	CAL. DUE
Attenuator	Techniwave	TWSMA-20dB-18G-SMA	14676	30/01/2023	30/03/2026
Cable	Radiall	SMA-0,5m	16558	11/09/2025	11/11/2027
Cable	Radiall	SMA-1m	16561	11/09/2025	11/11/2027
Climatic enclosure	Secasi	SM600C	1670		
Multimeter	FLUKE	8808A	12446	13/03/2025	13/05/2026
Power supply	TTI	PL303QMD	8496		
Receiver	Rohde & Schwarz	FPL1006	16027	16/05/2025	16/07/2026
Thermo-Hygro-Barometer	LUFFT	OPUS 20	17844	20/05/2025	20/07/2026
Thermohygrometer	Testo	608-H1	19386	08/03/2024	08/05/2026
Thermometer contactless	GHM Greisinger	GMH 3710	12968	26/05/2025	26/07/2027

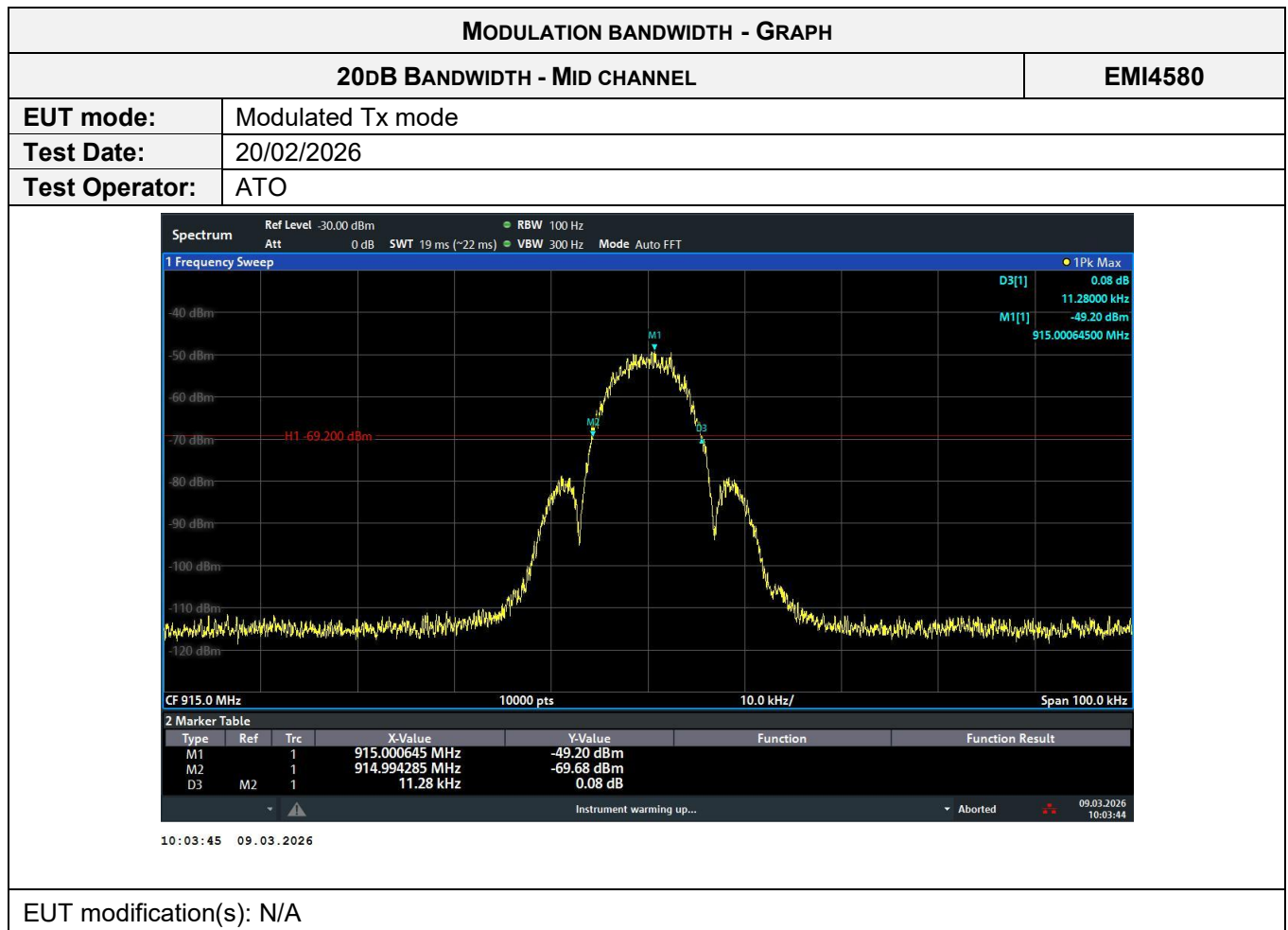
Blank cells = Permanent validity

TEST SETUP PHOTO(S)

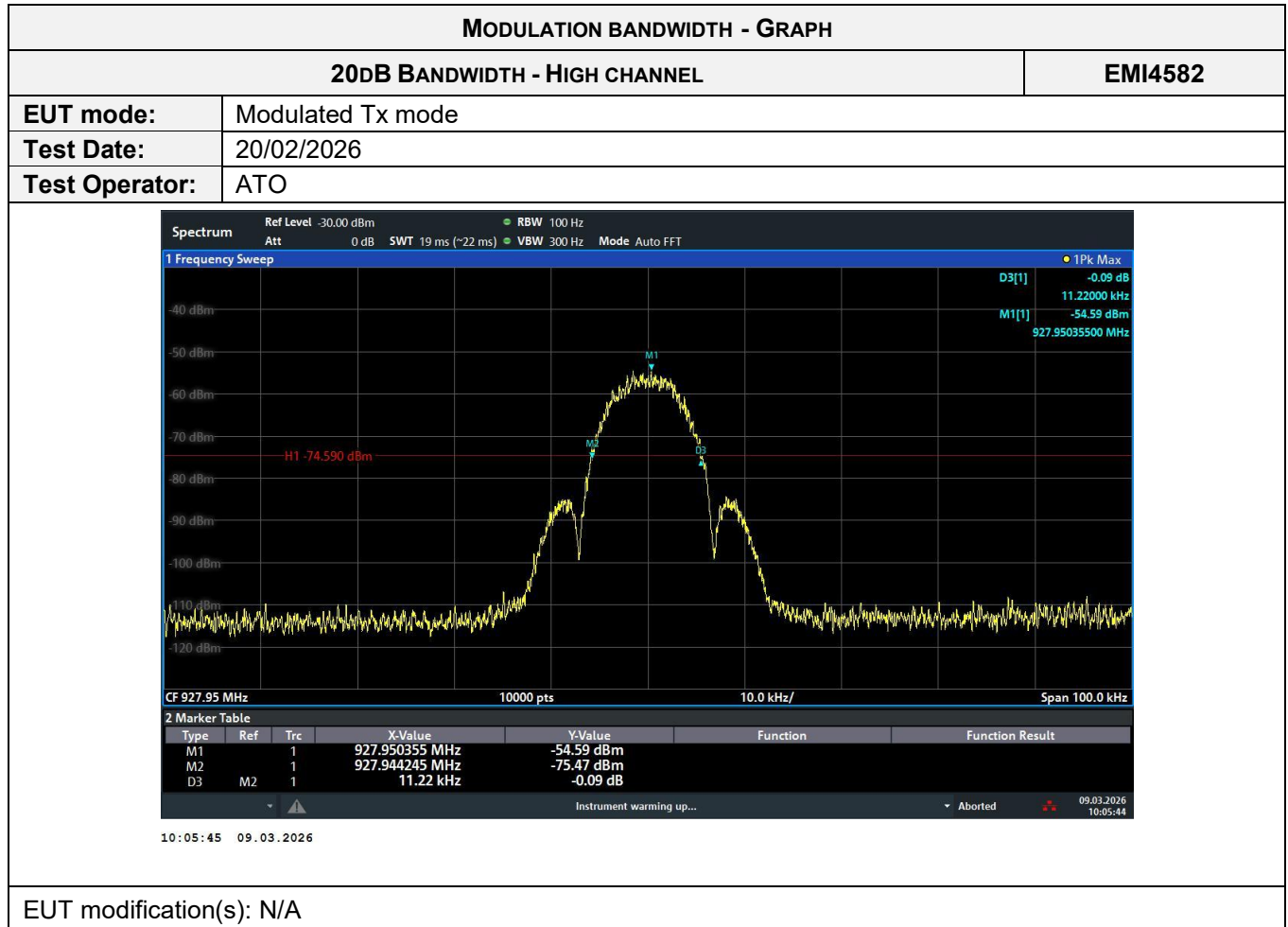




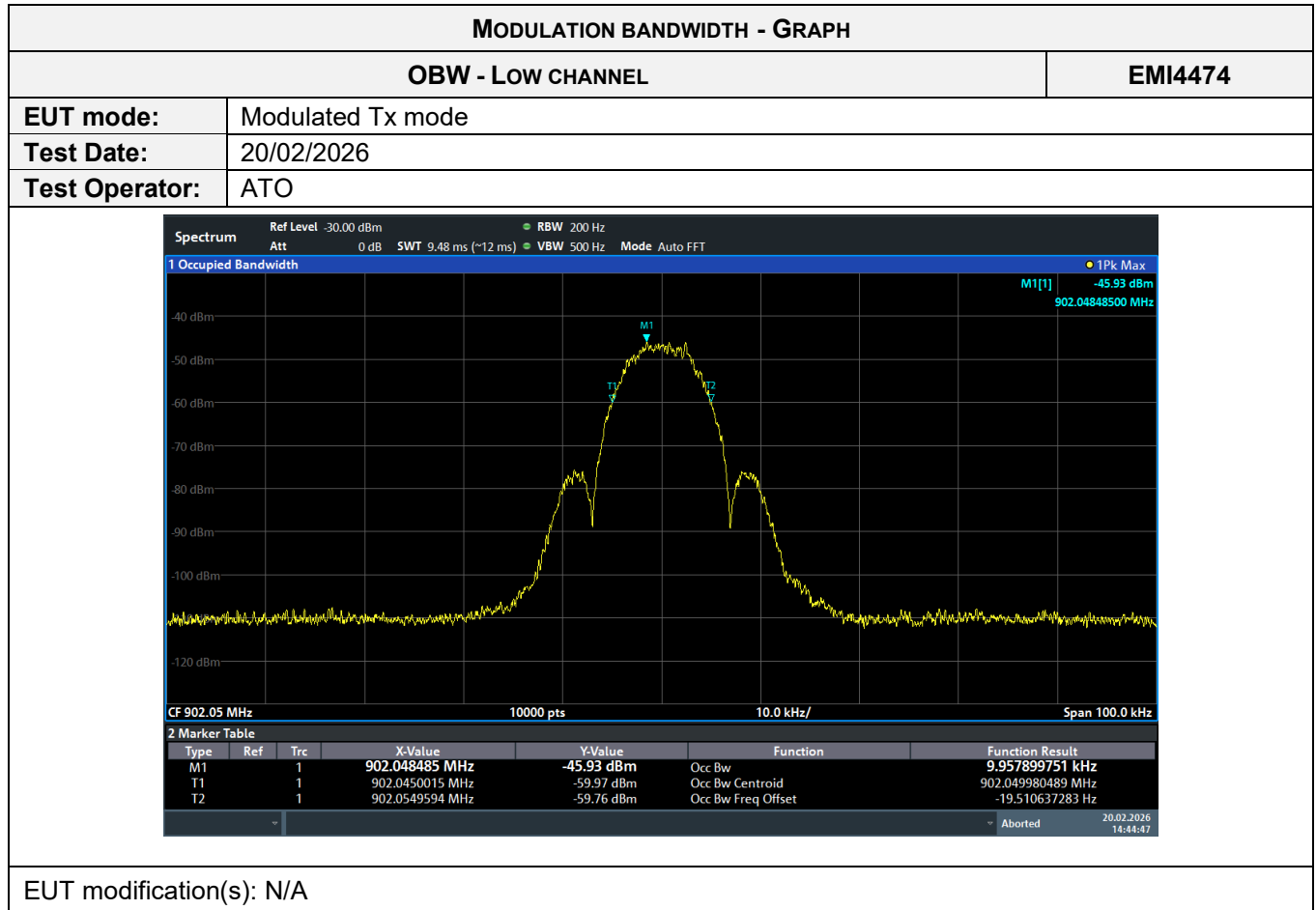
MODULATION BANDWIDTH - TABULATED RESULTS		
20dB BANDWIDTH - LOW CHANNEL		EMI4567
f _{Low}	f _{High}	20dB Bandwidth
902.044255MHz	902.055655MHz	11.40kHz



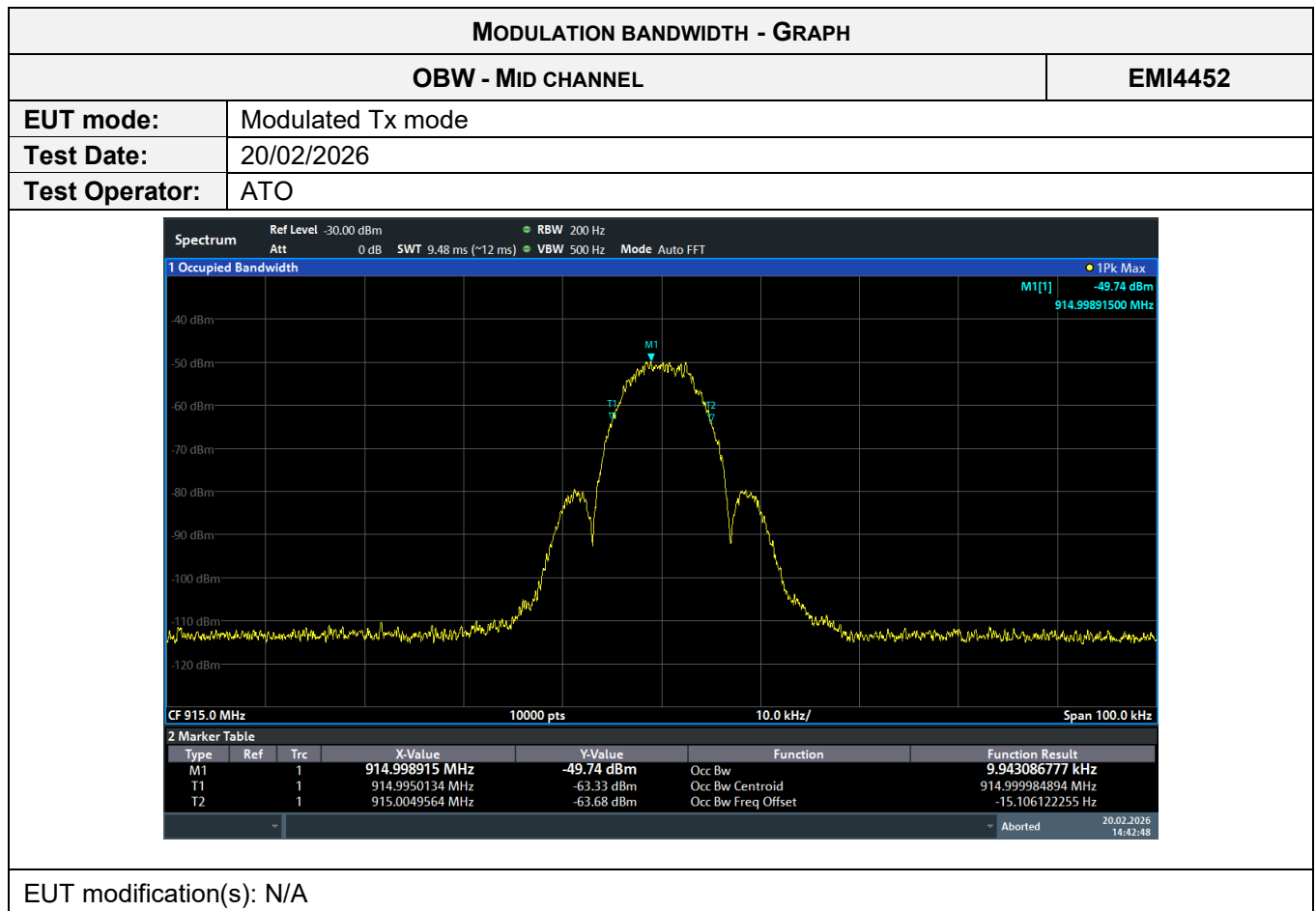
MODULATION BANDWIDTH - TABULATED RESULTS		
20dB BANDWIDTH - HIGH CHANNEL		EMI4581
f _{Low}	f _{High}	20dB Bandwidth
914.994285MHz	915.005565MHz	11.28kHz



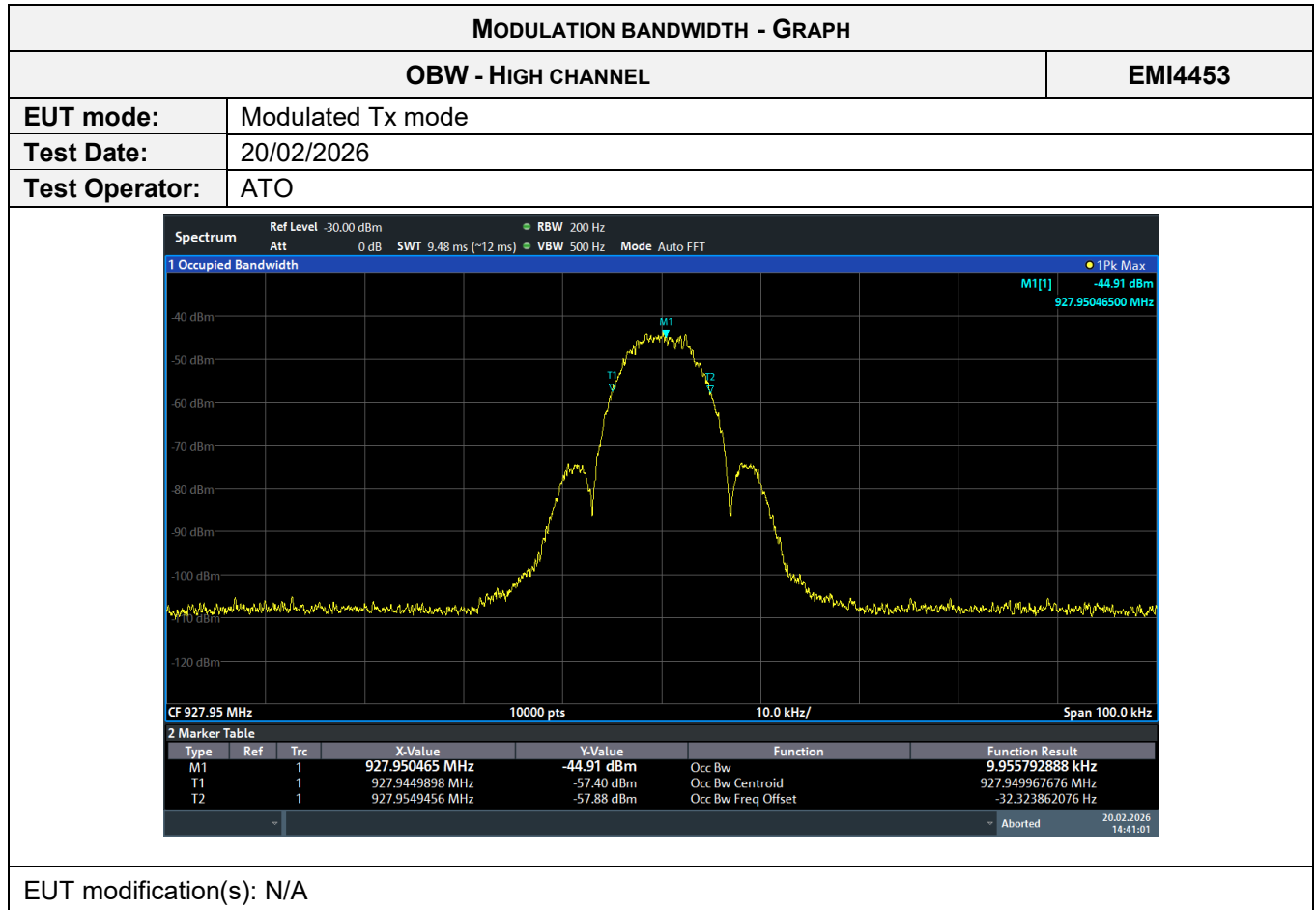
MODULATION BANDWIDTH - TABULATED RESULTS		
20dB BANDWIDTH - HIGH CHANNEL		EMI4582
f _{Low}	f _{High}	20dB Bandwidth
927.944245MHz	927.955465MHz	11.22kHz



MODULATION BANDWIDTH - TABULATED RESULTS		
OBW - LOW CHANNEL		EMI4474
f_{Low}	f_{High}	OBW ($f_{high}-f_{low}$)
902.045001MHz	902.054959MHz	9.957kHz



MODULATION BANDWIDTH - TABULATED RESULTS		
OBW - HIGH CHANNEL		EMI4452
f _{Low}	f _{High}	OBW (f _{high} -f _{low})
914.99513MHz	915.004956MHz	9.943kHz



MODULATION BANDWIDTH - TABULATED RESULTS		
OBW - HIGH CHANNEL		EMI4453
f _{Low}	f _{High}	OBW (f _{high} -f _{low})
927.944989MHz	927.954945MHz	9.955kHz

6.4. Frequency error

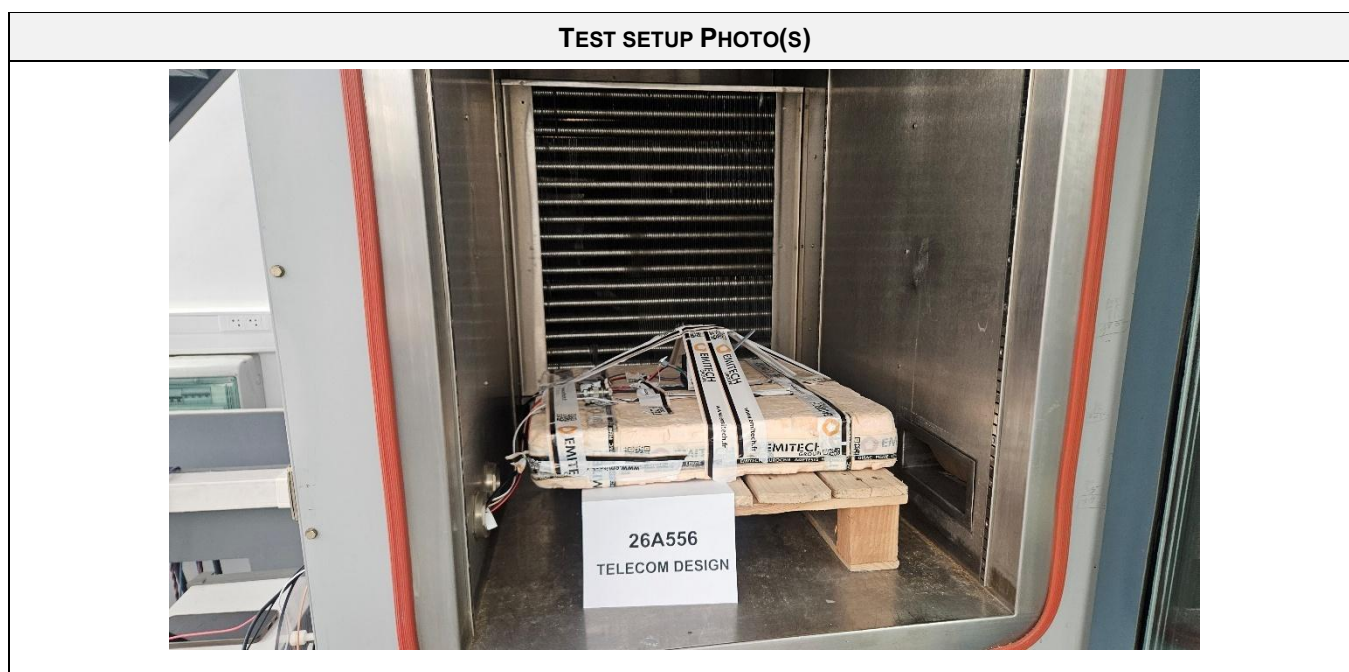
Reference standard:	FCC Part 15.249 RSS-210
Test method:	ANSI C63.10: 2020
Test description: Frequency error is the difference between the measured unmodulated carrier frequency under extreme conditions and the nominal Centre Frequency as stated by the manufacturer. This measurement procedure only applies if the EUT can generate an unmodulated carrier. EUT is set inside the climatic enclosure. It is connected to the measuring receiver via 50Ω attenuator(s). RBW=100Hz	

TEST CASE	EUT MODE	SEVERITY	RESULT TAB.	VERDICT
Low channel / 25°C/ 4.20Vdc	Unmodulated Tx mode	+/-0.001%	EMI4475	PASS
Low channel / 25°C/ 3.70Vdc	Unmodulated Tx mode	+/-0.001%	EMI4476	PASS
Mid channel / 25°C/ 4.20Vdc	Unmodulated Tx mode	+/-0.001%	EMI4477	PASS
Mid channel / 25°C/ 3.70Vdc	Unmodulated Tx mode	+/-0.001%	EMI4478	PASS
High channel / 25°C/ 4.20Vdc	Unmodulated Tx mode	+/-0.001%	EMI4479	PASS
High channel / 25°C/ 3.70Vdc	Unmodulated Tx mode	+/-0.001%	EMI4480	PASS
Low channel / -20°C/ 4.20Vdc	Unmodulated Tx mode	+/-0.001%	EMI4481	PASS
Low channel / -20°C/ 3.70Vdc	Unmodulated Tx mode	+/-0.001%	EMI4482	PASS
Mid channel / -20°C/ 4.20Vdc	Unmodulated Tx mode	+/-0.001%	EMI4483	PASS
Mid channel / -20°C/ 3.70Vdc	Unmodulated Tx mode	+/-0.001%	EMI4484	PASS
High channel / -20°C/ 4.20Vdc	Unmodulated Tx mode	+/-0.001%	EMI4485	PASS
High channel / -20°C/ 3.70Vdc	Unmodulated Tx mode	+/-0.001%	EMI4486	PASS
Low channel / 55°C/ 4.20Vdc	Unmodulated Tx mode	+/-0.001%	EMI4487	PASS
Low channel / 55°C/ 3.70Vdc	Unmodulated Tx mode	+/-0.001%	EMI4488	PASS
Mid channel / 55°C/ 4.20Vdc	Unmodulated Tx mode	+/-0.001%	EMI4489	PASS
Mid channel / 55°C/ 3.70Vdc	Unmodulated Tx mode	+/-0.001%	EMI4490	PASS
High channel / 55°C/ 4.20Vdc	Unmodulated Tx mode	+/-0.001%	EMI4491	PASS
High channel / 55°C/ 3.70Vdc	Unmodulated Tx mode	+/-0.001%	EMI4492	PASS

LABORATORY PARAMETERS:	REQUIRED PRIOR TO THE TEST	DURING THE TEST
Ambient Temperature	15 to 35 °C	20.8 °C
Relative Humidity	20 to 75 %	39.8 %
Atmospheric pressure	N/A	1000 hPa
Test method deviation: N/A		
Supplementary information: EUT power supply is replaced by a stabilized power supply.		

TEST EQUIPMENT USED					
CATEGORY	BRAND	TYPE	IDENTIFIER	CAL. DATE	CAL. DUE
Attenuator	Techniwave	TWSMA-20dB-18G-SMA	14676	30/01/2023	30/03/2026
Cable	Radiall	SMA-0,5m	16558	11/09/2025	11/11/2027
Cable	Radiall	SMA-1m	16561	11/09/2025	11/11/2027
Climatic enclosure	Secasi	SM600C	1670		
Multimeter	FLUKE	8808A	12446	13/03/2025	13/05/2026
Power supply	TTI	PL303QMD	8496		
Receiver	Rohde & Schwarz	FPL1006	16027	16/05/2025	16/07/2026
Thermo-Hygro-Barometer	LUFFT	OPUS 20	17844	20/05/2025	20/07/2026
Thermohygrometer	Testo	608-H1	19386	08/03/2024	08/05/2026
Thermometer contactless	GHM Greisinger	GMH 3710	12968	26/05/2025	26/07/2027

Blank cells = Permanent validity



FREQUENCY ERROR - TABULATED RESULTS				
TEST CASE	FREQUENCY (MHz)	FREQUENCY ERROR	LIMIT	RESULT TAB.
Low channel / 25°C/ 4.20Vdc	902.049894	0.0000%	+/-0.001%	EMI4475
Low channel / 25°C/ 3.70Vdc	902.049892	0.0000%	+/-0.001%	EMI4476
Mid channel / 25°C/ 4.20Vdc	914.999990	0.0000%	+/-0.001%	EMI4477
Mid channel / 25°C/ 3.70Vdc	914.999903	0.0000%	+/-0.001%	EMI4478
High channel / 25°C/ 4.20Vdc	927.949913	0.0000%	+/-0.001%	EMI4479
High channel / 25°C/ 3.70Vdc	927.949910	0.0000%	+/-0.001%	EMI4480
Low channel / -20°C/ 4.20Vdc	902.049886	0.0000%	+/-0.001%	EMI4481
Low channel / -20°C/ 3.70Vdc	902.049887	0.0000%	+/-0.001%	EMI4482
Mid channel / -20°C/ 4.20Vdc	914.999897	0.0000%	+/-0.001%	EMI4483
Mid channel / -20°C/ 3.70Vdc	914.999898	0.0000%	+/-0.001%	EMI4484
High channel / -20°C/ 4.20Vdc	927.949909	0.0000%	+/-0.001%	EMI4485
High channel / -20°C/ 3.70Vdc	927.949910	0.0000%	+/-0.001%	EMI4486
Low channel / 55°C/ 4.20Vdc	902.049748	0.0000%	+/-0.001%	EMI4487
Low channel / 55°C/ 3.70Vdc	902.049749	0.0000%	+/-0.001%	EMI4488
Mid channel / 55°C/ 4.20Vdc	914.999758	0.0000%	+/-0.001%	EMI4489
Mid channel / 55°C/ 3.70Vdc	914.999759	0.0000%	+/-0.001%	EMI4490
High channel / 55°C/ 4.20Vdc	927.949770	0.0000%	+/-0.001%	EMI4491
High channel / 55°C/ 3.70Vdc	927.949769	0.0000%	+/-0.001%	EMI4492

EUT MODIFICATIONS	OPERATOR	TEST DATE
N/A	ATO	20/02/2026

End of test report