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EMITECH MONTPELLIER laboratory
Registration Number: 954701
Registration Number: 4379C

RADIO TEST REPORT

FCC 47 CFR PART 15: December 2025

FCC 47 CFR PART 15.249

RSS-210, Issue 10: June 2024

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

Test item description: **Fall detector**
Trade Mark: TELECOM DESIGN
Manufacturer.....: TELECOM DESIGN S.A.
Model/Type reference.....: VB-WTC-10 / Vibby Oak S
FCC ID.....: 2AGMK-WTC10
IC: 21552-WTC10
Ratings.....: 2.55Vdc to 3.45Vdc

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

Report Reference No: **RR-EVE-25D053-5A**
Test procedure: FCC IC Certification
Diffusion.....: Mr FARADI Tarik
Applicant's name: TELECOM DESIGN S.A.
Date of issue.....: April 7, 2026
Total number of pages.....: 58
Revision: 0
Compiled by.....: Alexis TOUZET
Approved by (+ signature): Olivier AELBRECHT (Technical Manager)

*Duplication of this test report is only permitted for an integral photographic facsimile. It includes the number of pages referenced here above.
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	April 7, 2026	/	Creation

1. GENERAL INFORMATIONS

This document submits the results of Radio tests performed on the equipment **Fall detector VB-WTC-10 / Vibby Oak S** (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: Olivier AELBRECHT Date of receipt of test item: N/A Date (s) of performance of tests: From January the 29 th to February the 4 th of 2026					
APPLICANT'S GENERAL INFORMATIONS:					
Company name: TELECOM DESIGN S.A. Company address.: 2 BIS RUE NULLY DE HARCOURT 33610 CANEJAN FRANCE Person(s) present during the tests.: No representative for company attended the tests. 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: December 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-210, Issue 10: June 2024

Licence-Exempt Radio Apparatus: Category I Equipment

RSS-Gen, Issue 5: April 2018

General Requirements for Compliance of Radio Apparatus

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. : Fall detector
Model/Type reference..... : VB-WTC-10 / Vibby Oak S
Trade Mark. : TELECOM DESIGN
Serial number (S/N)..... : Not communicated
Part number (P/N). : Not communicated
Software version..... : *Not communicated*
Firmware version. : *SOFT5408*
Type of sample..... : Pre-serial
Function(s)..... : Transmit an alert to a call centre via a telecare device installed in the house
Manufacturer name. : TELECOM DESIGN S.A.
Address. : 2 BIS RUE NULLY DE HARCOURT
33610 CANEJAN
FRANCE

General product information:

N/A

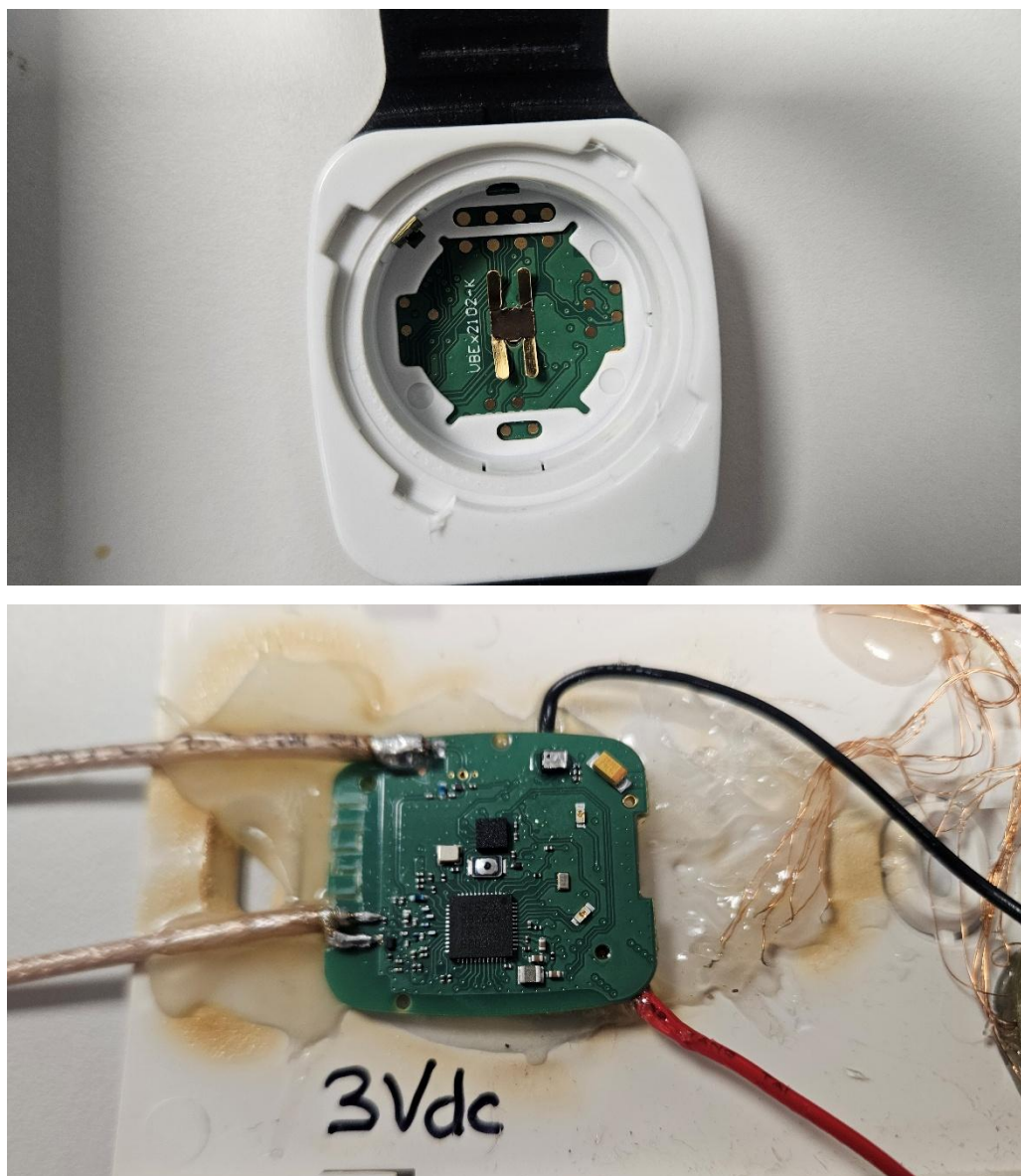
3.2. E.U.T. Marking plate



3.3.E.U.T. General view



3.4. E.U.T. Internal view



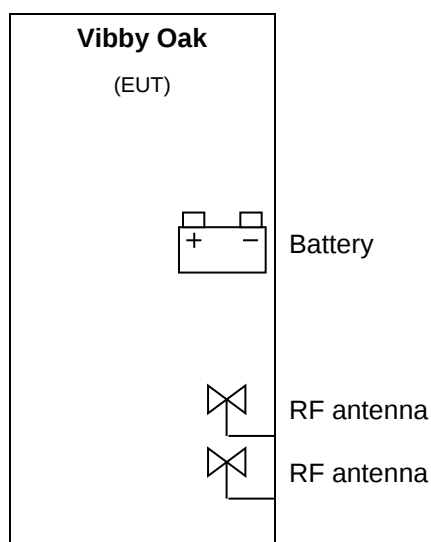
3.5.E.U.T. Mechanical and Electrical Design

Power supply. : 3Vdc
Power supply range..... : 2.55Vdc to 3.45Vdc
Power type..... : 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). : -20 to +55
Ground bounding strap..... : No

Comments:

N/A

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



PORT	NAME	TYPE	LENGTH	CABLE TYPE	COMMENTS
0	Main frame	N/E	N/A	Plastic	-
1	Battery	DC	N/A	N/A	3Vdc
2	RF antenna	RF	N/A	N/A	SRD 900MHz
3	RF antenna	RF	N/A	N/A	BLE 2.4GHz

AC/DC : AC/DC Converter port AC..... : Alternative current port DC..... : Direct current port
I/O : Input or Output port TP : Telecommunication port RF : Radio frequency port
N/E : Non Electrical port

3.7. Supporting Equipment Used During Test

Sample subject to the tests was tested with following equipment.

PRODUCT TYPE	MANUFACTURER	MODEL	N°EMITECH / COMMENTS
Phantom	speag	SHO-GFPC-V1	Used for watch configuration

PHANTOM (AE)



3.8. EUT Radio Specifications

a) GENERAL INFORMATIONS	
According to manufacturer's declarations :	
EUT type.....	<i>Transceiver</i>
Technology	<i>SRD</i>
Environmental profile.....	<i>Data transmissions</i>
Temperature range.....	<i>-20°C to +55°C</i>
Antenna type	<i>Internal</i>
Antenna Gain.....	<i>Not communicated</i>
Comments:	
<i>N/A</i>	
b) TRANSMITTER PARAMETERS (Tx)	
Frequency bands.....	<i>902MHz to 928MHz</i>
RF Power.....	<i>Not communicated</i>
Number of channels / Separation.....	<i>3 channels</i>
Modulation type	<i>GFSK</i>
Duty cycle	<i>Not communicated</i>
Tested frequency.....	<i>902.050MHz (Low channel)</i>
	<i>915 MHz (Mid channel)</i>
	<i>927.950MHz (High channel)</i>
c) RECEIVER PARAMETERS (Rx)	
Frequency bands.....	<i>902MHz to 928MHz</i>

TEST DESIGNATION	SEVERITY	VERDICT	BASIC STANDARDS / COMMENTS
Transmitter radiated spurious emissions at frequencies <30MHz			FCC PART 15.209; 15.249 RSS-GEN, RSS-210 ANSI C63.10: 2020
- Tx mode / 9kHz to 30MHz	15.209	PASS	
Transmitter radiated spurious emissions at frequencies >30MHz			FCC PART 15.209; 15.249 RSS-GEN, RSS-210 ANSI C63.10: 2020
- Tx mode / 30MHz to 1GHz	15.209	PASS	
- Tx mode / 1GHz to 10GHz	15.209	PASS	
Field strength of fundamental (Radiated measurement)			FCC PART 15.249 RSS-210 ANSI C63.10: 2020
- RF Output Power	50mV/m	PASS	
Modulation bandwidth			FCC PART 15.215 RSS-GEN ANSI C63.10: 2020
- 20dB Bandwidth - Low channel		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 15.215 RSS-GEN ANSI C63.10: 2020
- Low channel	+/-0.001%	PASS	
- Mid channel	+/-0.001%	PASS	
- High channel	+/-0.001%	PASS	

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 15.209; 15.249 RSS-GEN, RSS-210 ANSI C63.10: 2020	N/A
FCC PART 15.249 RSS-210 ANSI C63.10: 2020	N/A
FCC PART 15.215 RSS-GEN 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. Transmitter radiated spurious emissions at frequencies <30MHz

Reference standard:	Fcc part 15.209; 15.249 RSS-Gen, RSS-210
Test method:	ANSI C63.10: 2020
Test description: For $f < 30$ MHz, EUT is set on an insulating support at 80 cm 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.	

TESTED CONFIGURATION	PARAMETER	SEVERITY	RESULT TAB.	VERDICT
Tx mode / All channels / All positions / 9kHz to 30MHz / 0°	9kHz-30MHz	15.209	EMI4598	PASS
Tx mode / All channels / All positions / 9kHz to 30MHz / 45°	9kHz-30MHz	15.209	EMI4599	PASS
Tx mode / All channels / All positions / 9kHz to 30MHz / 90°	9kHz-30MHz	15.209	EMI4600	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: 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	Rohde & Schwarz	HFH2-Z2	5825	25/04/2025	25/06/2027
Cable	Techniwave		18355	17/08/2023	17/10/2026
Cable	/	N-1m	3625	09/06/2025	09/08/2027
Cable	Techniwave	N-3.5m	18353	11/09/2025	11/11/2027
Receiver	Rohde & Schwarz	FSW43	14830	07/07/2025	07/09/2027
Shielded enclosure	COMTEST	C.V4	18014	05/11/2024	05/01/2028
Software	Nexio	BAT EMC	0000		
Thermohygrometer	Testo	608-H2	12269	18/02/2025	18/04/2027
Thermo-Hygro-Barometer	LUFFT	MOPUS 20	17844	20/05/2025	20/07/2026

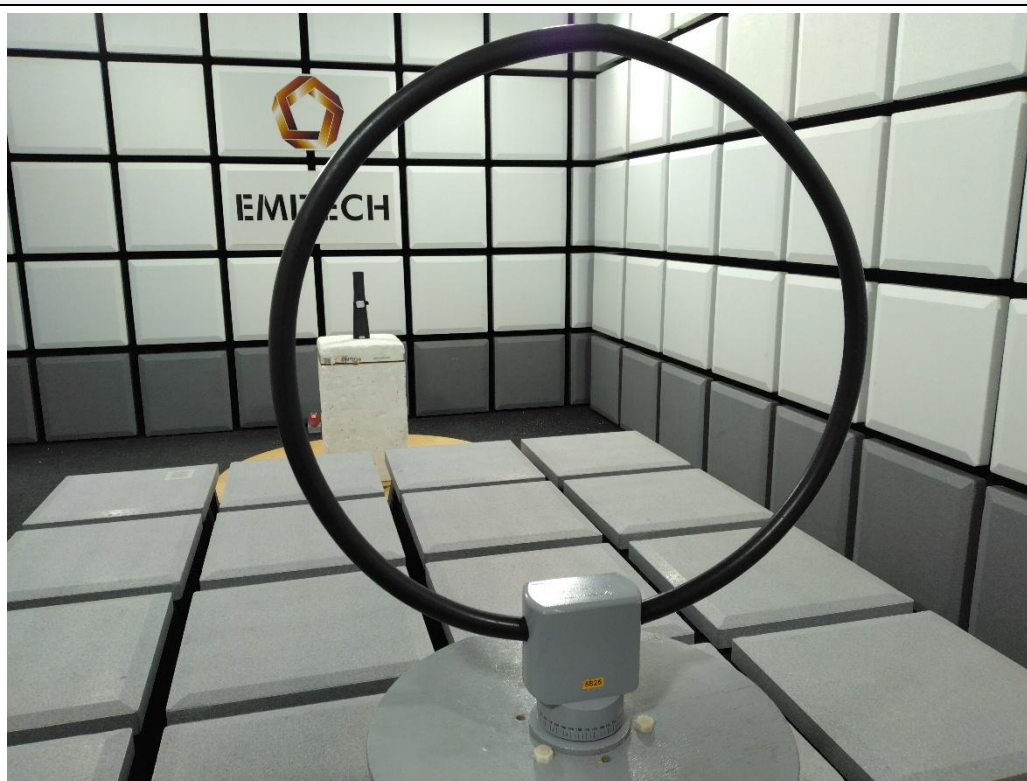
BAT-EMC software version: V3.18.0.26

Blank cells = Permanent validity

TEST SETUP PHOTO(S) - TX MODE



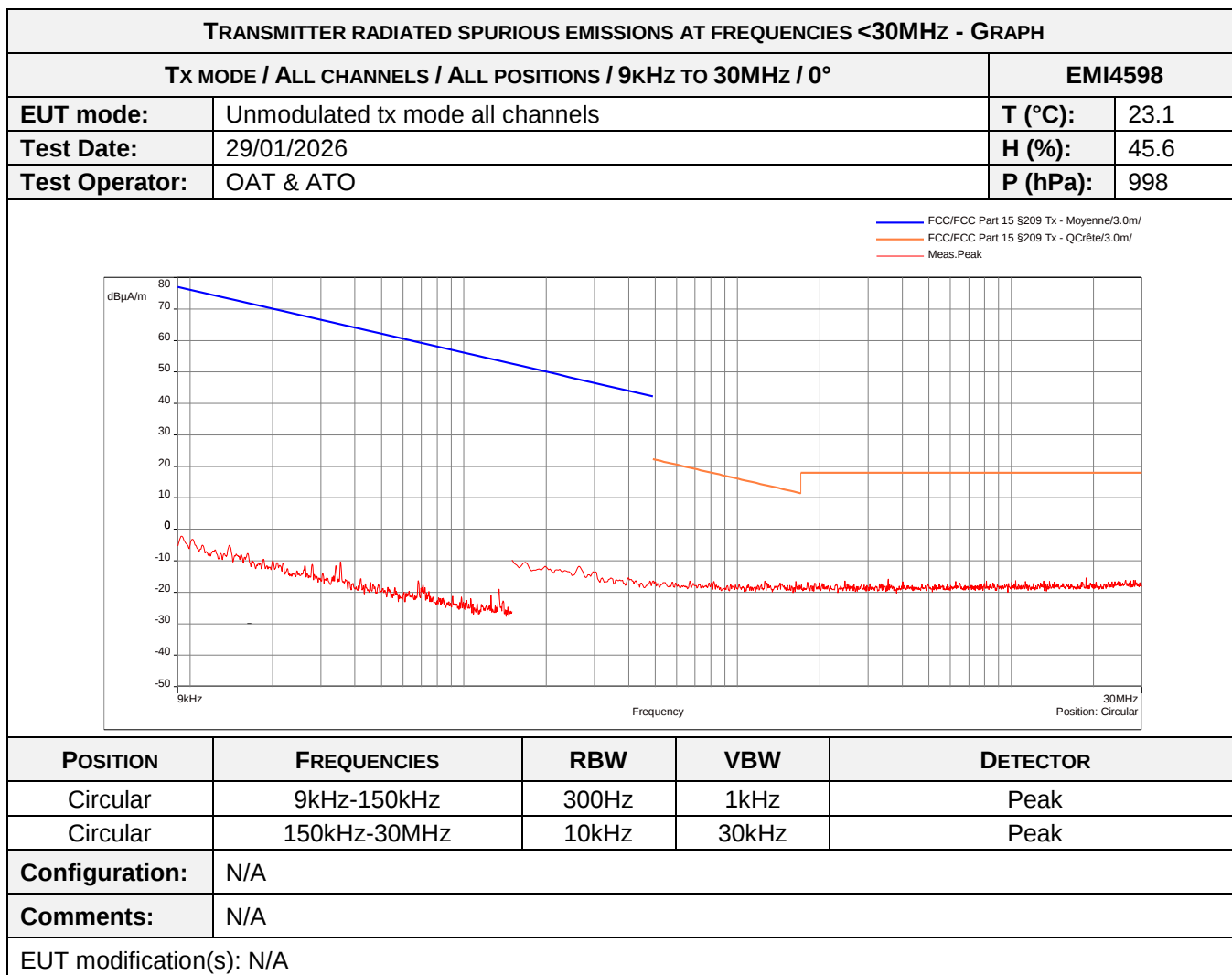
TEST SETUP PHOTO(S) - TX MODE

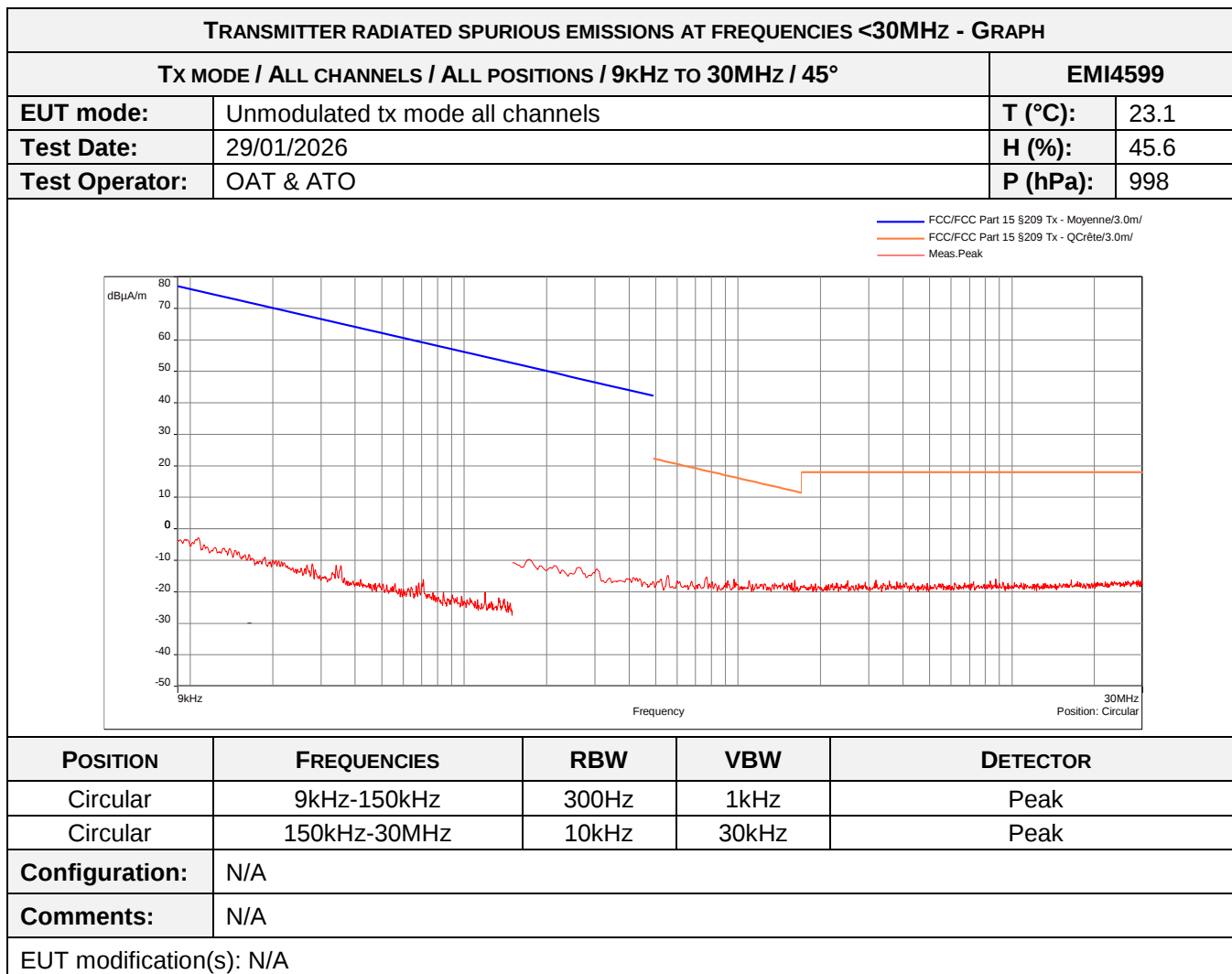


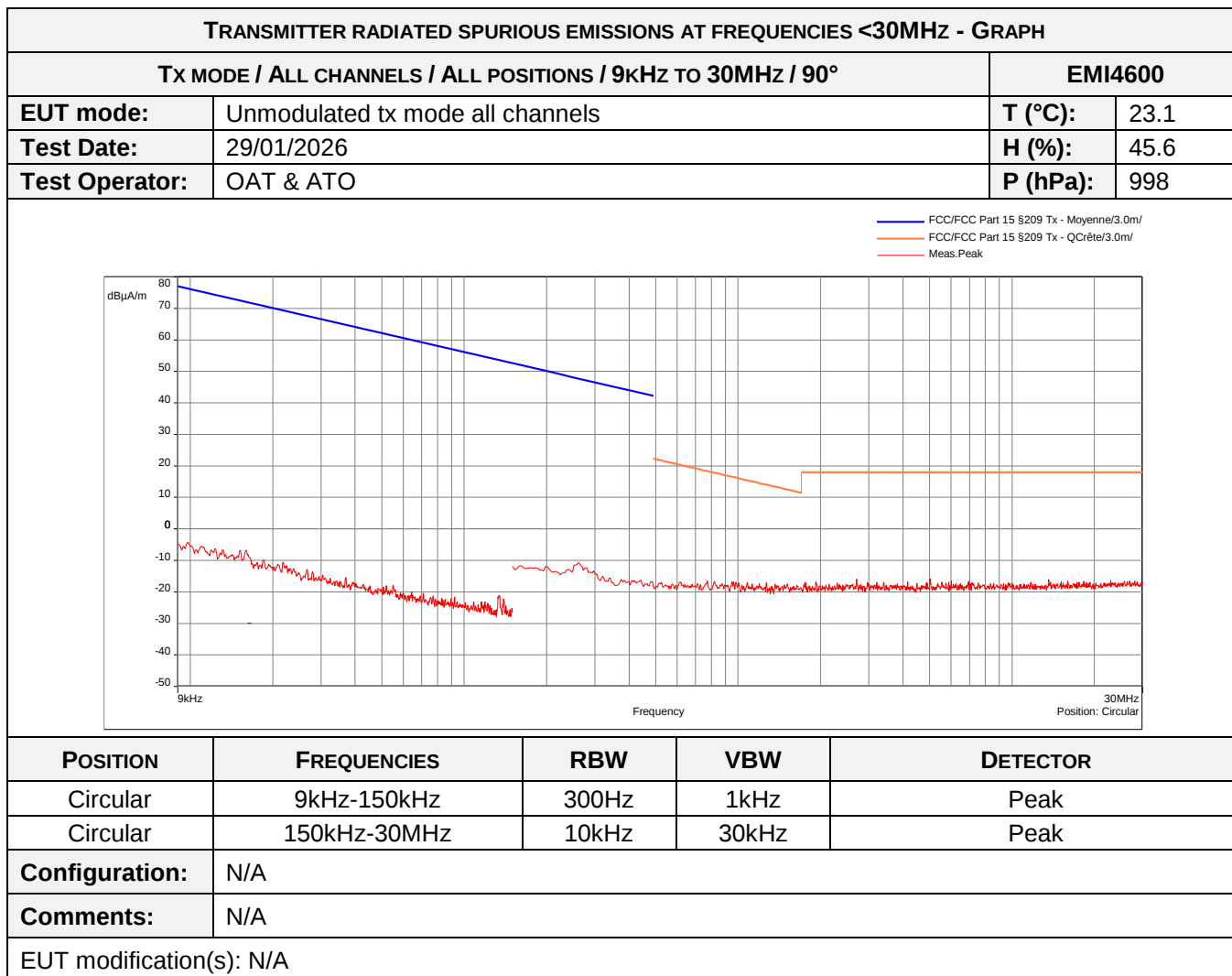
RADIATED EMISSION MEASUREMENT – TABULATED RESULTS					
TX MODE / ALL CHANNELS / ALL POSITIONS / 9kHz TO 30MHz / 0°					EMI4598
FREQUENCY (MHz)	POLARIZATION	PEAK LEVEL (dBμA/m)	AVERAGE / QPEAK LEVEL (dBμA/m)	AVERAGE / QPEAK LIMIT (dBμA/m)	MARGING (dB)
NA	NA	NA	NA	NA	NA
Supplementary information: No spurious emission detected					

RADIATED EMISSION MEASUREMENT – TABULATED RESULTS					
TX MODE / ALL CHANNELS / ALL POSITIONS / 9kHz TO 30MHz / 45°					EMI4599
FREQUENCY (MHz)	POLARIZATION	PEAK LEVEL (dBμA/m)	AVERAGE / QPEAK LEVEL (dBμA/m)	AVERAGE / QPEAK LIMIT (dBμA/m)	MARGING (dB)
NA	NA	NA	NA	NA	NA
Supplementary information: No spurious emission detected					

RADIATED EMISSION MEASUREMENT – TABULATED RESULTS					
TX MODE / ALL CHANNELS / ALL POSITIONS / 9kHz TO 30MHz / 90°					EMI4600
FREQUENCY (MHz)	POLARIZATION	PEAK LEVEL (dBμA/m)	AVERAGE / QPEAK LEVEL (dBμA/m)	AVERAGE / QPEAK LIMIT (dBμA/m)	MARGING (dB)
NA	NA	NA	NA	NA	NA
Supplementary information: No spurious emission detected					







6.2. Transmitter radiated spurious emissions at frequencies >30MHz

Reference standard:	Fcc part 15.209; 15.249 RSS-Gen, RSS-210
Test method:	ANSI C63.10: 2020
General test setup: For $f > 30$ MHz, EUT is set on an insulating support at 80 cm above the ground reference plane (150 cm for $f > 1$ GHz). 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 m to 4 m. All frequencies were investigated, where applicable. For portable equipments: - For frequencies < 1 GHz a research of maximum level is done on 3 axes - For frequencies > 1 GHz 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.	

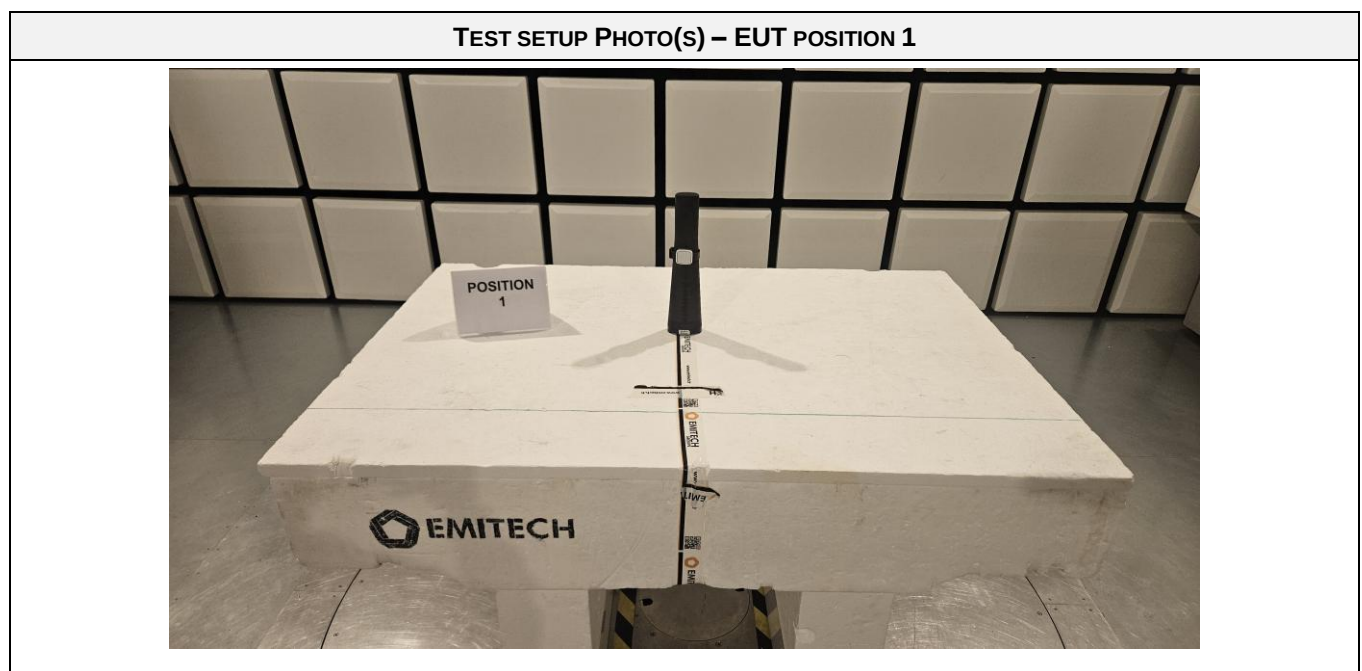
TESTED CONFIGURATION	PARAMETER	SEVERITY	RESULT TAB.	VERDICT
Tx mode / Low channel / All positions / 30MHz to 1GHz	30MHz-1GHz	15.209	EMI4591	PASS
Tx mode / Mid channel / All positions / 30MHz to 1GHz	30MHz-1GHz	15.209	EMI4601	PASS
Tx mode / High channel / All positions / 30MHz to 1GHz	30MHz-1GHz	15.209	EMI4602	PASS
Tx mode / Low channel / All positions / 1GHz to 10GHz	1GHz-10GHz	15.209	EMI4510	PASS
Tx mode / Mid channel / All positions / 1GHz to 10GHz	1GHz-10GHz	15.209	EMI4516	PASS
Tx mode / High channel / All positions / 1GHz to 10GHz	1GHz-10GHz	15.209	EMI4517	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		

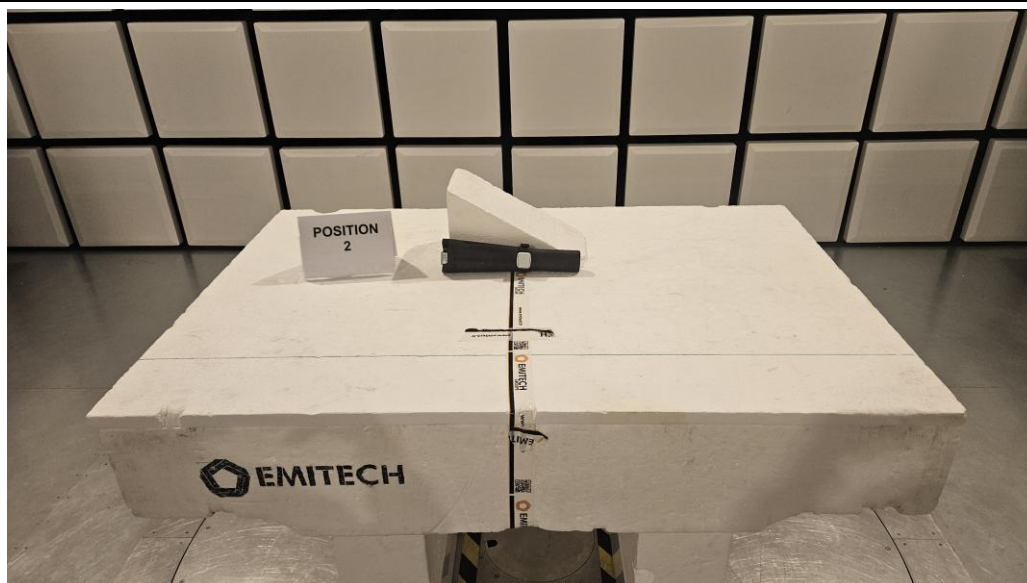
TEST EQUIPMENT USED					
CATEGORY	BRAND	TYPE	IDENTIFIER	CAL. DATE	CAL. DUE
Antenna	ETS lindgren	3142E	14523	08/08/2025	08/10/2028
Antenna	AARONIA	Powerlog 70180	15306	04/01/2023	04/03/2026
Cable	Techniwave	N-1.5m	18341	13/10/2025	13/12/2027
Cable	Techniwave	N-1.5m	18342	20/05/2024	20/07/2026
Cable	/	N-1m	3625	09/06/2025	09/08/2027
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	17/08/2023	17/04/2026
Filter	Micro-Tronics	HPM18865	12843	03/12/2024	03/02/2028
Preamplifier	IMPULSE	CA118-546ACN	9169	02/10/2024	02/02/2026
Receiver	Rohde & Schwarz	ESW8	19536	13/08/2025	13/10/2027
Receiver	Rohde & Schwarz	FSW43	14830	07/07/2025	07/09/2027
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		
Thermo-Hygro-Barometer	LUFFT	OPUS 20	17844	20/05/2025	20/07/2026
Thermohygrometer	Testo	608-H2	12268	18/02/2025	18/04/2027

BAT-EMC software version: V3.18.0.26

Blank cells = Permanent validity



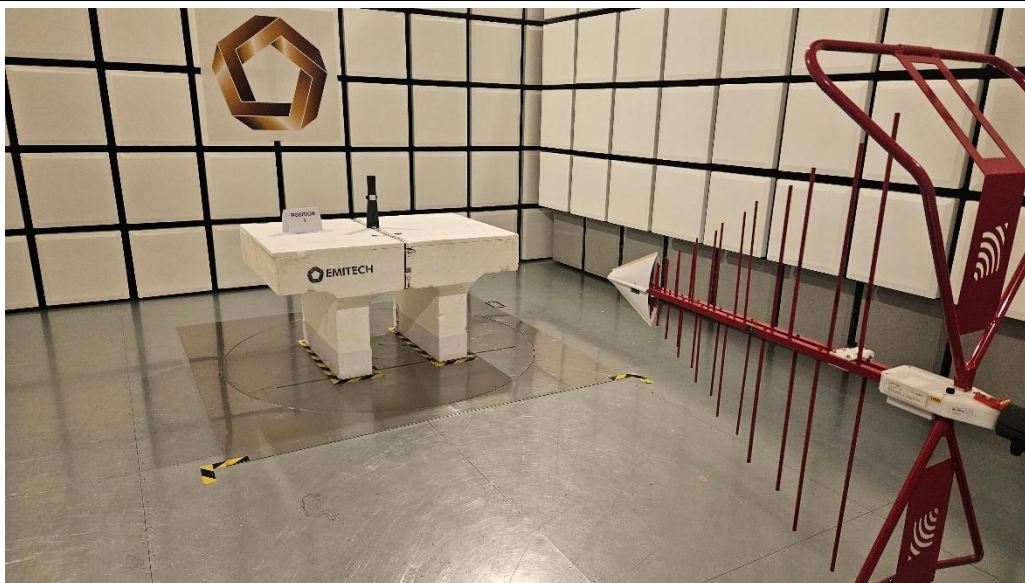
TEST SETUP PHOTO(S) - EUT POSITION 2



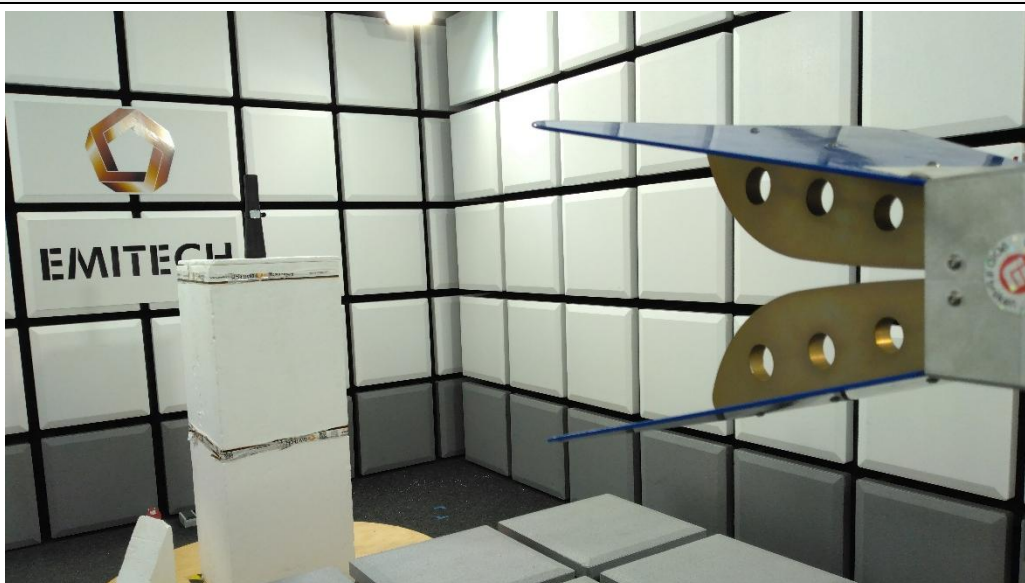
TEST SETUP PHOTO(S) - EUT POSITION 3



TEST SETUP PHOTO(S) - Tx MODE - 30MHz TO 1GHz



TEST SETUP PHOTO(S) - Tx MODE - 1GHz TO 10GHz



RADIATED EMISSION MEASUREMENT – TABULATED RESULTS					
Tx MODE / LOW CHANNEL / ALL POSITIONS / 30MHz TO 1GHz					EMI4591
FREQUENCY (MHz)	POLARIZATION	PEAK LEVEL (dBµV/m)	QPEAK LEVEL (dBµV/m)	QPEAK LIMIT (dBµV/m)	MARGING (dB)
57.55	Vertical	16.9	N/P	40	-23.1
70.64	Vertical	15.69	N/P	40	-24.31
75.88	Vertical	15.93	N/P	40	-24.07
687.07	Vertical	33.46	N/P	46	-12.54
868.08	Vertical	34.75	N/P	46	-11.25
937.08	Vertical	36.28	N/P	46	-9.72
37.18	Horizontal	23.28	N/P	40	-16.72
58.32	Horizontal	16.5	N/P	40	-23.5
87.98	Horizontal	15.07	N/P	40	-24.93
358.61	Horizontal	25.12	N/P	46	-20.88
695.67	Horizontal	33.54	N/P	46	-12.46
926.67	Horizontal	36.61	N/P	46	-9.39
Supplementary information: when margin between peak measurements and quasi-peak limit is >6dB, no quasi-peak measurements were performed.					

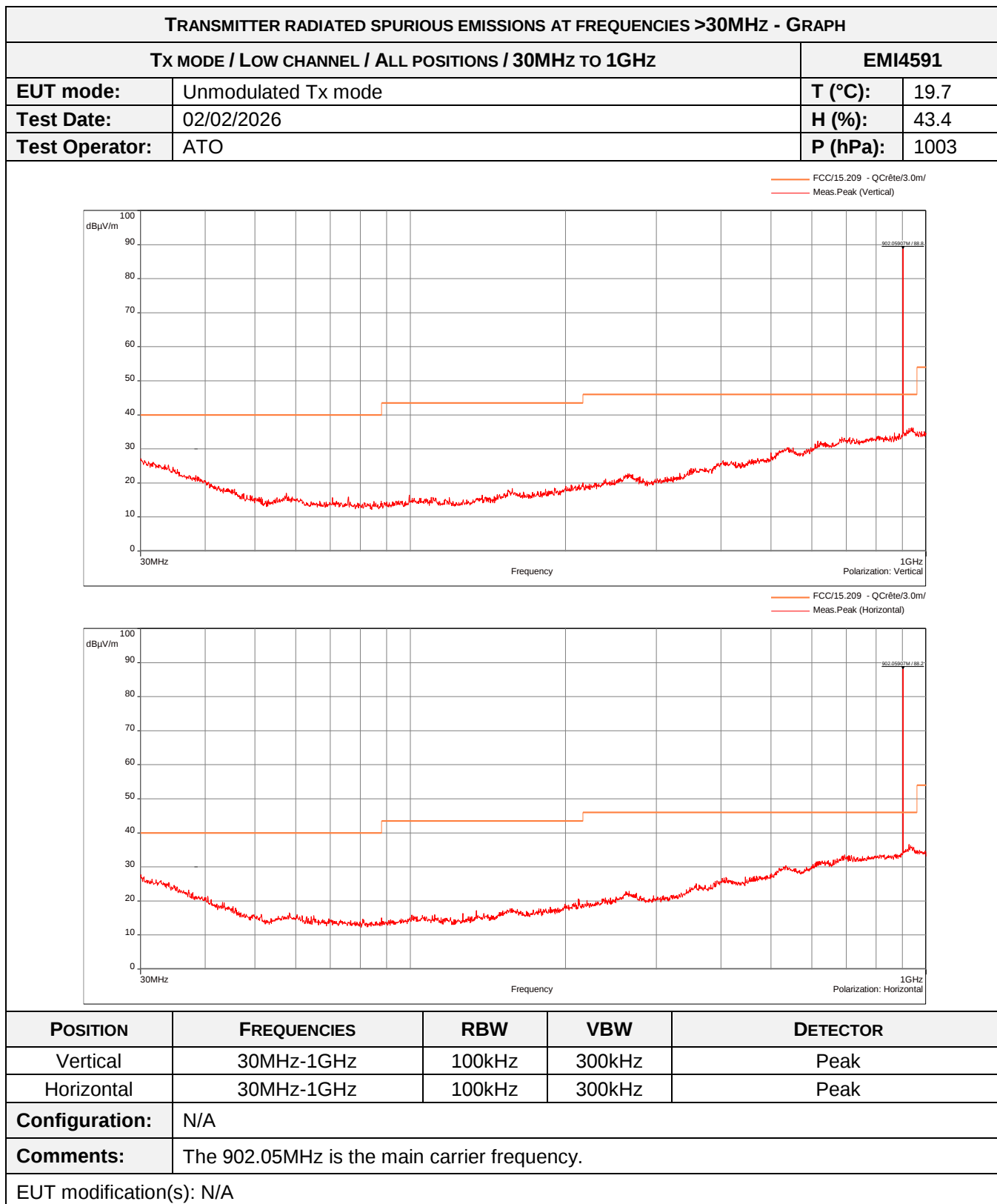
RADIATED EMISSION MEASUREMENT – TABULATED RESULTS					
Tx MODE / MID CHANNEL / ALL POSITIONS / 30MHz TO 1GHz					EMI4601
FREQUENCY (MHz)	POLARIZATION	PEAK LEVEL (dBµV/m)	QPEAK LEVEL (dBµV/m)	QPEAK LIMIT (dBµV/m)	MARGING (dB)
30.16	Vertical	27.42	N/P	40	-12.58
31.10	Vertical	26.79	N/P	40	-13.21
38.25	Vertical	22.52	N/P	40	-17.48
696.22	Vertical	33.66	N/P	46	-12.34
868.17	Vertical	38.27	N/P	46	-7.73
936.88	Vertical	36.16	N/P	46	-9.84
31.33	Horizontal	26.56	N/P	40	-13.44
33.43	Horizontal	25.83	N/P	40	-14.17
39.09	Horizontal	22.42	N/P	40	-17.58
519.51	Horizontal	30.77	N/P	46	-15.23
709.48	Horizontal	33.89	N/P	46	-12.11
925.11	Horizontal	36.79	N/P	46	-9.21
Supplementary information: when margin between peak measurements and quasi-peak limit is >6dB, no quasi-peak measurements were performed.					

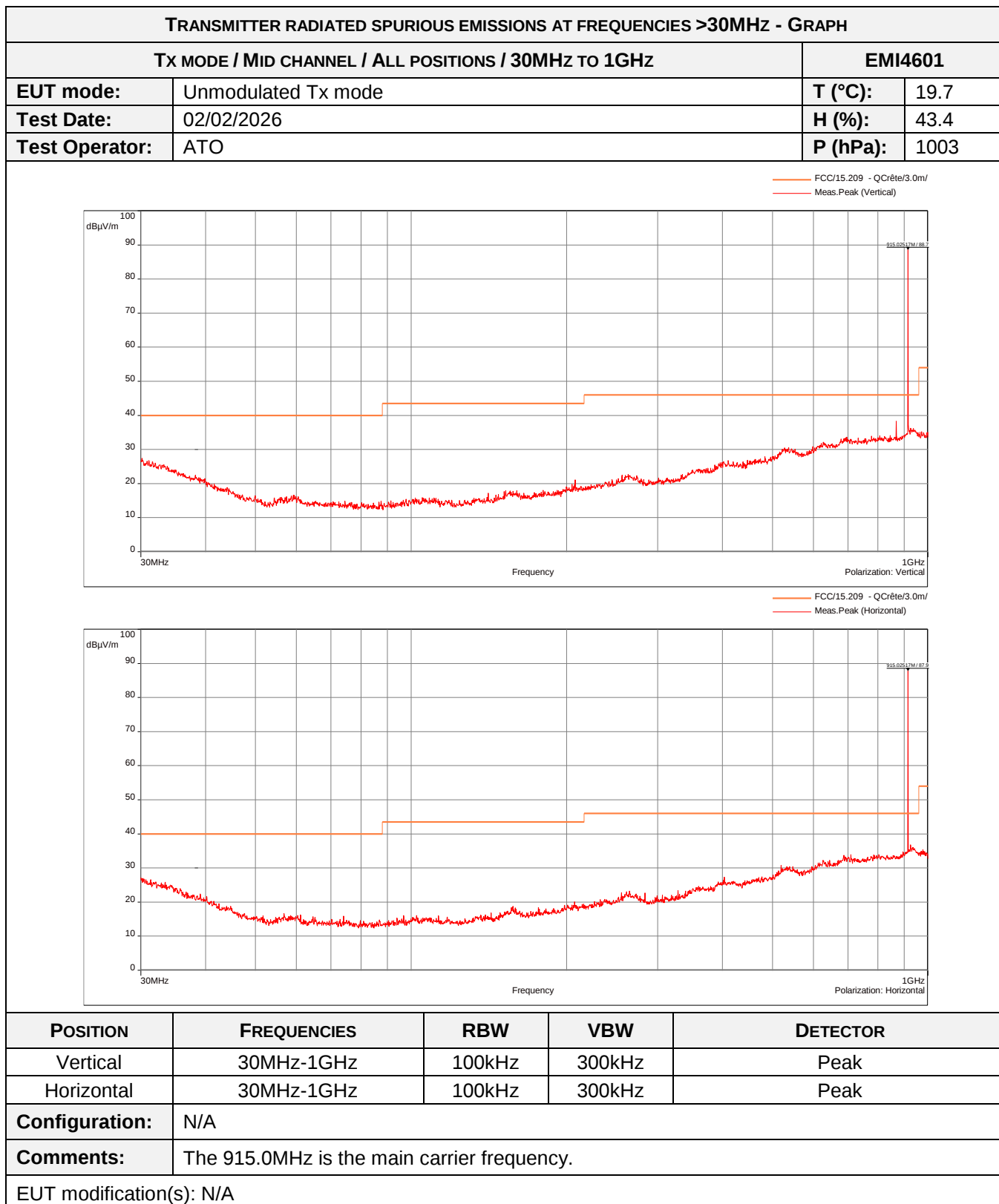
RADIATED EMISSION MEASUREMENT – TABULATED RESULTS					
Tx MODE / HIGH CHANNEL / ALL POSITIONS / 30MHz TO 1GHz					EMI4602
FREQUENCY (MHz)	POLARIZATION	PEAK LEVEL (dBµV/m)	QPEAK LEVEL (dBµV/m)	QPEAK LIMIT (dBµV/m)	MARGING (dB)
30.84	Vertical	26.65	N/P	40	-13.35
48.79	Vertical	17.6	N/P	40	-22.4
60.27	Vertical	16.43	N/P	40	-23.57
528.56	Vertical	29.9	N/P	46	-16.1
681.64	Vertical	33.16	N/P	46	-12.84
776.7	Vertical	34.12	N/P	46	-11.88
30.81	Horizontal	27.17	N/P	40	-12.83
32.78	Horizontal	26.29	N/P	40	-13.71
39.25	Horizontal	22.43	N/P	40	-17.57
411.29	Horizontal	26.91	N/P	46	-19.09
646.26	Horizontal	32.66	N/P	46	-13.34
819.57	Horizontal	34.59	N/P	46	-11.41
Supplementary information: when margin between peak measurements and quasi-peak limit is >6dB, no quasi-peak measurements were performed.					

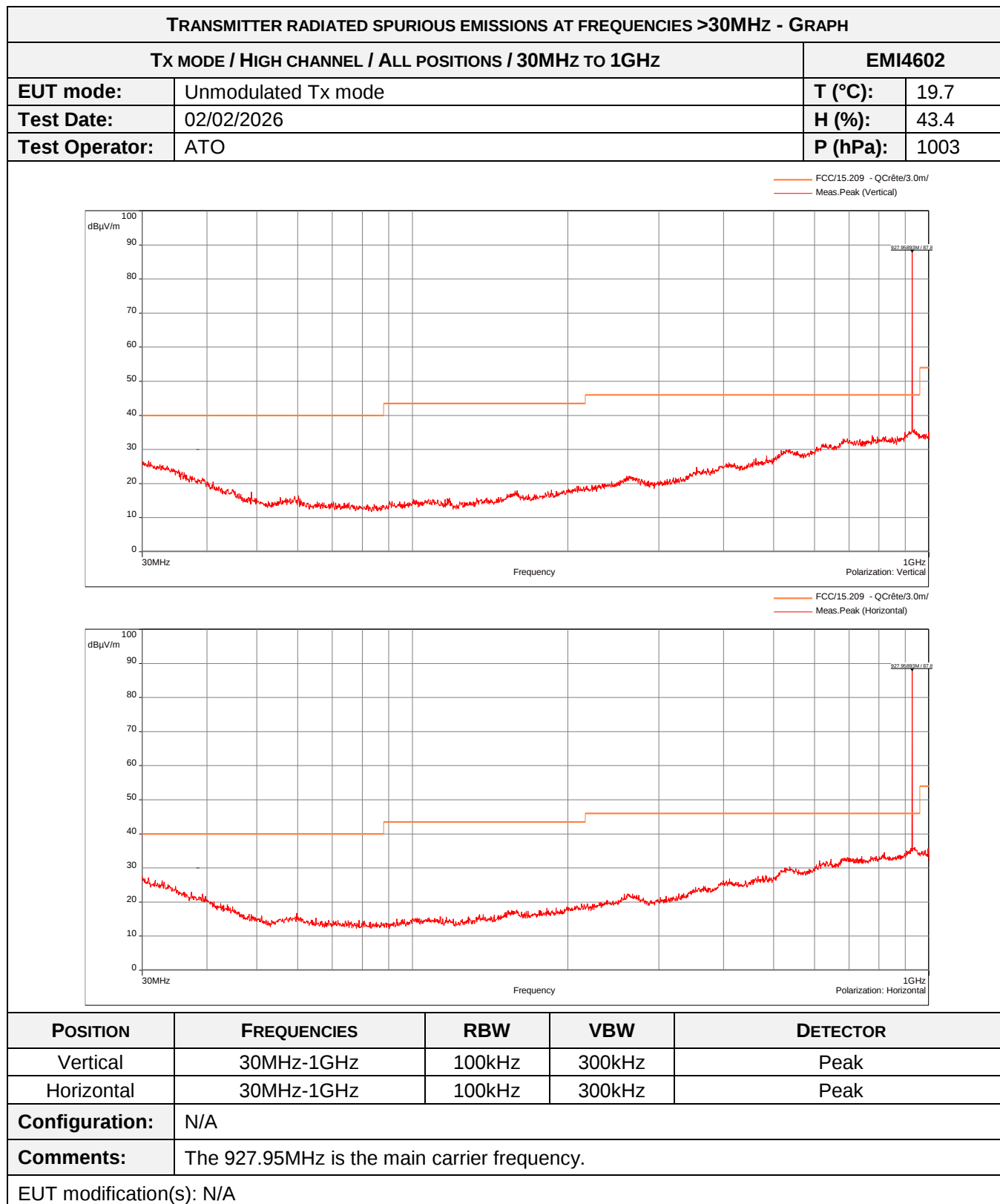
RADIATED EMISSION MEASUREMENT – TABULATED RESULTS							
Tx MODE / LOW CHANNEL / ALL POSITIONS / 1GHz TO 10GHz						EMI4510	
FREQUENCY (MHz)	POLARIZATION	AVERAGE LEVEL (dBµV/m)	AVERAGE LIMIT (dBµV/m)	PEAK LEVEL (dBµV/m)	PEAK LIMIT (dBµV/m)	AVERAGE MARGING (dBµV/m)	PEAK MARGING (dB)
1039.00	Vertical	N/P	54	36.52	74	-17.48	-37.48
2192.54	Vertical	N/P	54	36.63	74	-17.37	-37.37
2705.86	Vertical	N/P	54	38.82	74	-15.18	-35.18
4853.93	Vertical	N/P	54	42.05	74	-11.95	-31.95
5411.95	Vertical	N/P	54	44.82	74	-9.18	-29.18
6314.68	Vertical	N/P	54	45.24	74	-8.76	-28.76
1014.10	Horizontal	N/P	54	36.66	74	-17.34	-37.34
2706.16	Horizontal	N/P	54	38.01	74	-15.99	-35.99
2961.17	Horizontal	N/P	54	38.66	74	-15.34	-35.34
4815.53	Horizontal	N/P	54	42.1	74	-11.9	-31.9
5412.25	Horizontal	N/P	54	45.27	74	-8.73	-28.73
6314.38	Horizontal	N/P	54	44.38	74	-9.62	-29.62
Supplementary information: when margin between peak measurements and average limit is >6dB, average measurements were performed.							

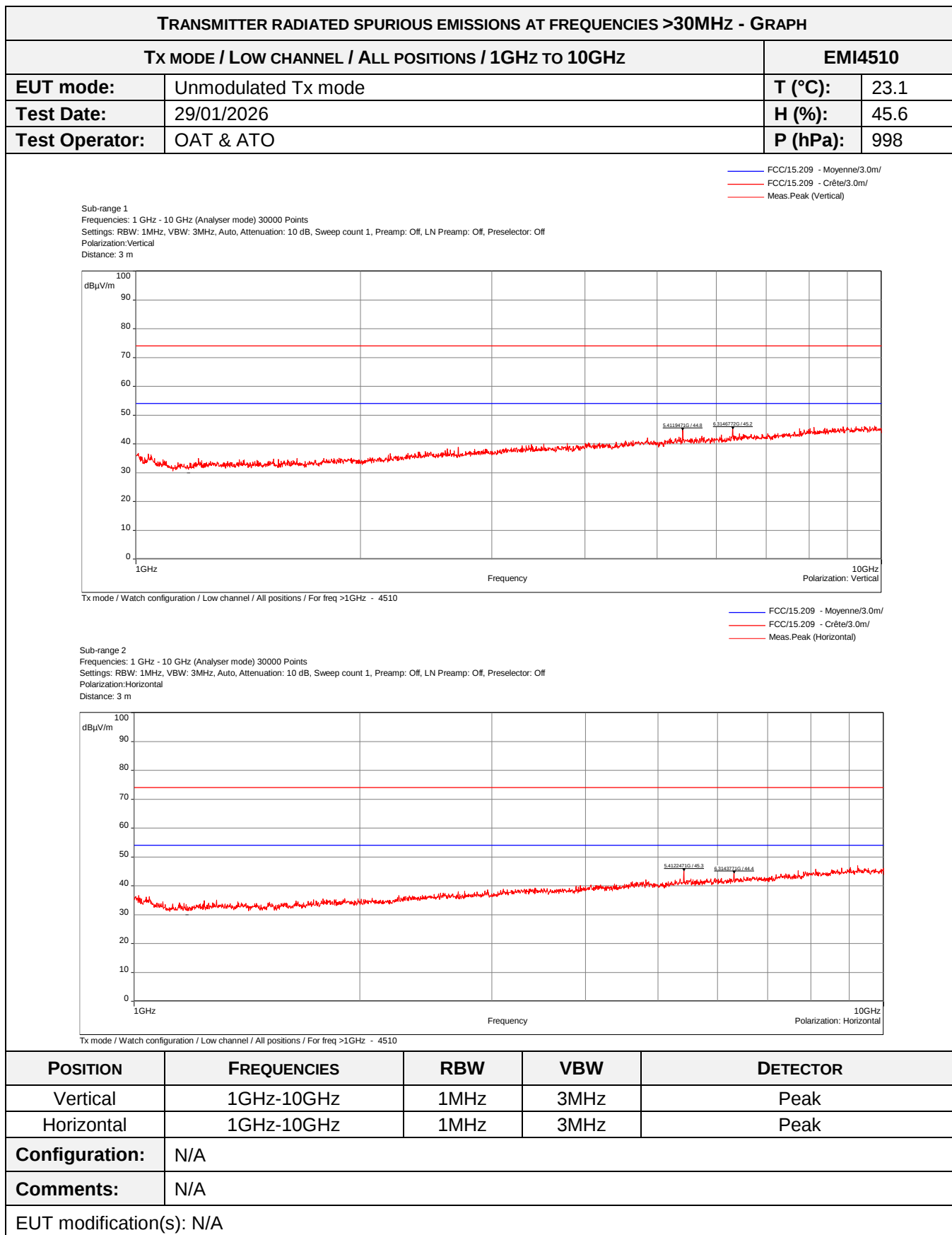
RADIATED EMISSION MEASUREMENT – TABULATED RESULTS							
TX MODE / MID CHANNEL / ALL POSITIONS / 1GHz TO 10GHz						EMI4516	
FREQUENCY (MHz)	POLARIZATION	AVERAGE LEVEL (dBµV/m)	AVERAGE LIMIT (dBµV/m)	PEAK LEVEL (dBµV/m)	PEAK LIMIT (dBµV/m)	AVERAGE MARGING (dBµV/m)	PEAK MARGING (dB)
1270.01	Vertical	N/P	54	34.68	74	-19.32	-39.32
1834.63	Vertical	N/P	54	35.63	74	-18.37	-38.37
2744.86	Vertical	N/P	54	38.35	74	-15.65	-35.65
5489.95	Vertical	N/P	54	45.4	74	-8.6	-28.6
6404.98	Vertical	N/P	54	45.68	74	-8.32	-28.32
8522.45	Vertical	N/P	54	45.5	74	-8.5	-28.5
1324.91	Horizontal	N/P	54	33.68	74	-20.32	-40.32
1814.53	Horizontal	N/P	54	35.67	74	-18.33	-38.33
4382.31	Horizontal	N/P	54	41.22	74	-12.78	-32.78
5489.95	Horizontal	N/P	54	46.68	74	-7.32	-27.32
6405.28	Horizontal	N/P	54	44.47	74	-9.53	-29.53
8881.56	Horizontal	N/P	54	45.87	74	-8.13	-28.13
Supplementary information: when margin between peak measurements and average limit is >6dB, average measurements were performed.							

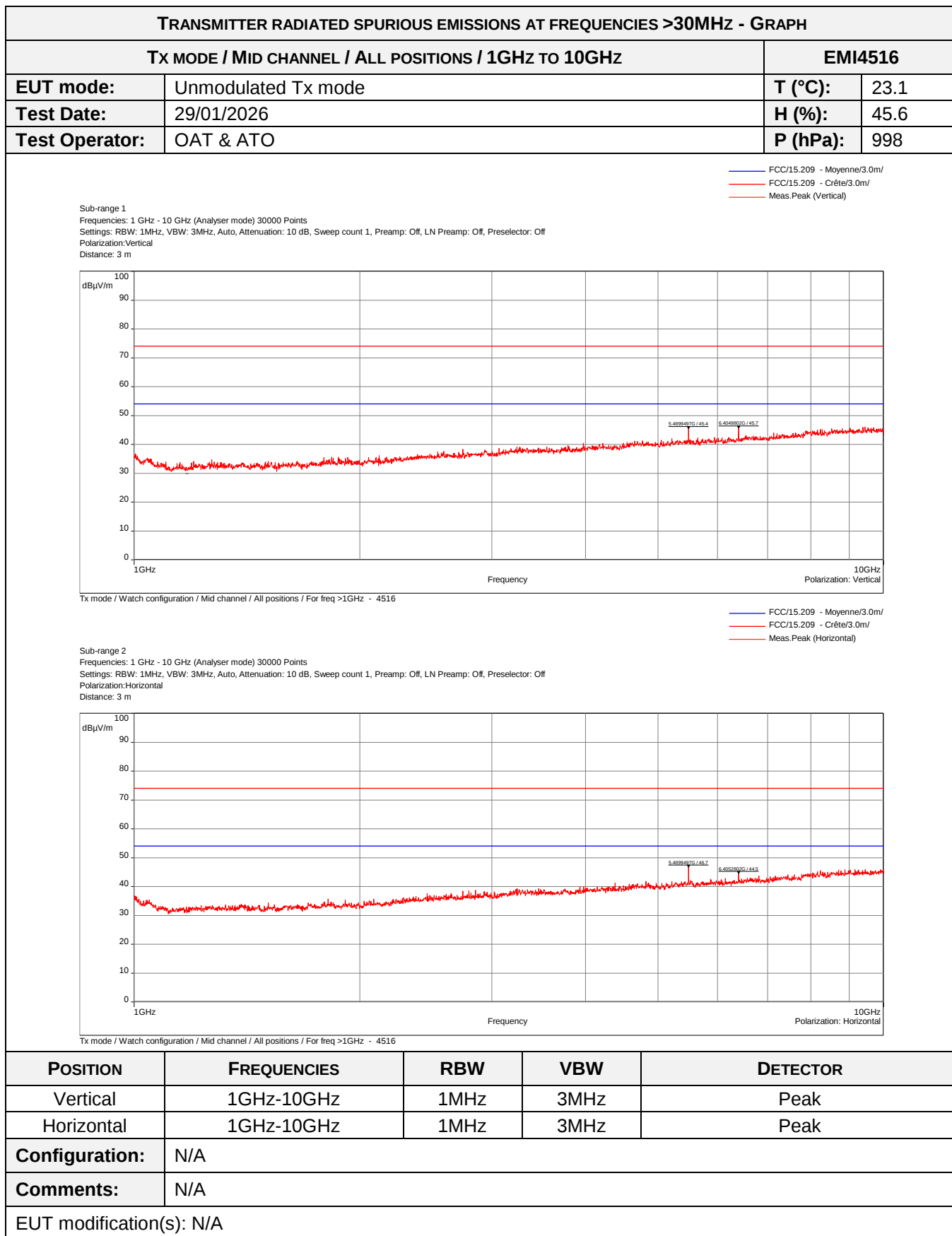
RADIATED EMISSION MEASUREMENT – TABULATED RESULTS							
TX MODE / HIGH CHANNEL / ALL POSITIONS / 1GHz TO 10GHz						EMI4517	
FREQUENCY (MHz)	POLARIZATION	AVERAGE LEVEL (dBµV/m)	AVERAGE LIMIT (dBµV/m)	PEAK LEVEL (dBµV/m)	PEAK LIMIT (dBµV/m)	AVERAGE MARGING (dBµV/m)	PEAK MARGING (dB)
1724.82	Vertical	N/P	54	35.2	74	-18.8	-38.8
2955.17	Vertical	N/P	54	39.24	74	-14.76	-34.76
3383.58	Vertical	N/P	54	39.91	74	-14.09	-34.09
5567.65	Vertical	N/P	54	44.8	74	-9.2	-29.2
6495.58	Vertical	N/P	54	46.87	74	-7.13	-27.13
8351.45	Vertical	N/P	54	45.78	74	-8.22	-28.22
1821.13	Horizontal	N/P	54	35.17	74	-18.83	-38.83
2499.45	Horizontal	N/P	54	37.06	74	-16.94	-36.94
3570.49	Horizontal	N/P	54	39.63	74	-14.37	-34.37
5567.65	Horizontal	N/P	54	45.46	74	-8.54	-28.54
6495.58	Horizontal	N/P	54	45.41	74	-8.59	-28.59
8351.75	Horizontal	N/P	54	47.01	74	-6.99	-26.99
Supplementary information: when margin between peak measurements and average limit is >6dB, average measurements were performed.							

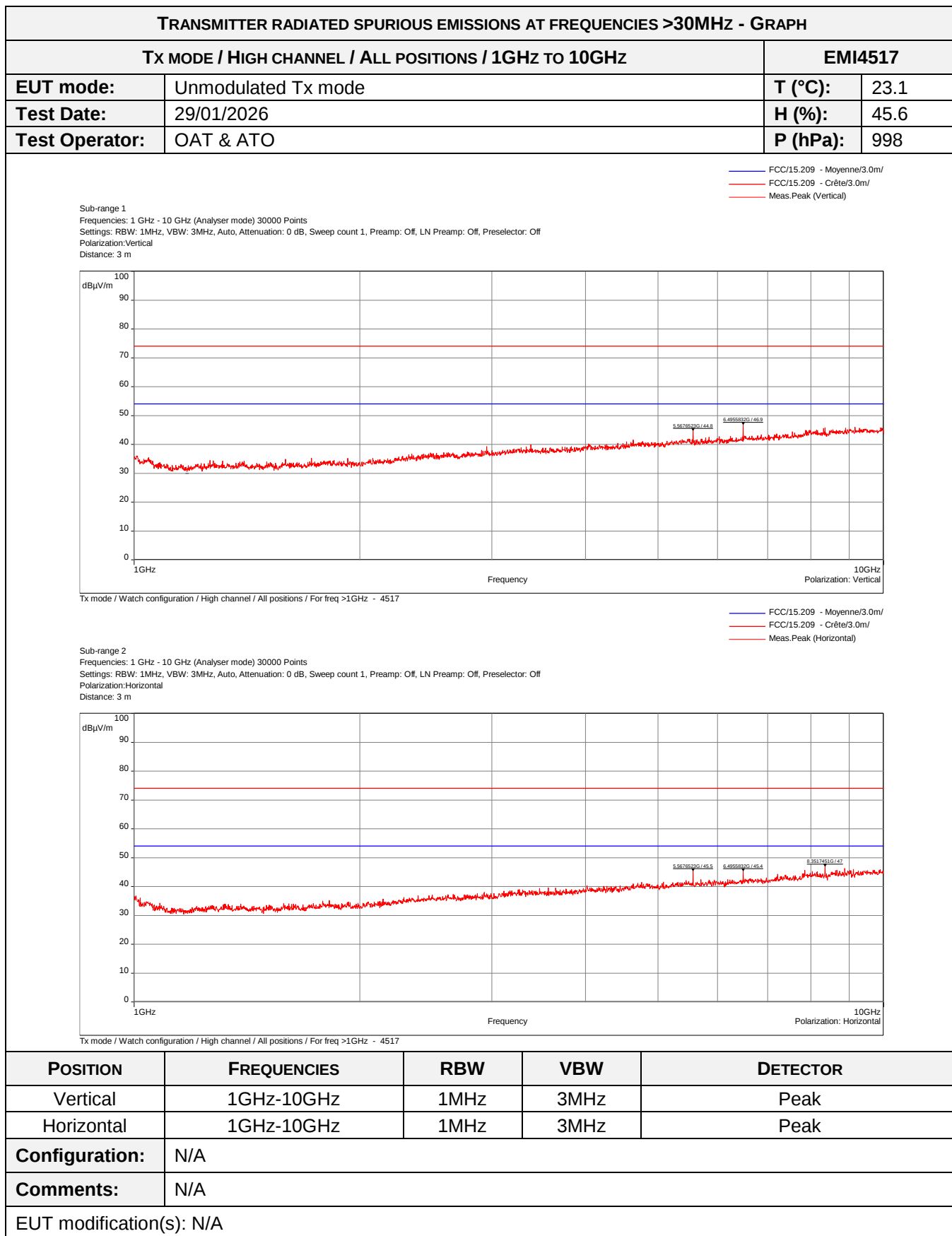












6.3. Field strength of fundamental (Radiated measurement)

a) NORMAL TESTS CONDITIONS

Reference standard:	Fcc part 15.249 RSS-210
Test method:	ANSI C63.10 : 2020
General test setup: For EUT with integral or dedicated antenna, measurements are done on a normalized test site. EUT is set on an insulating support at 80 cm above the ground reference plane. Measurement is done semi-anechoic chamber. The test antenna is oriented in the two polarizations (vertical and horizontal), The EUT was rotated 360° about its azimuth and adjusting the receive antenna height from 1 m to 4 m. 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 / Low channel / Position 1	901.55MHz- 902.55MHz	50mV/m (93.98dBμV/m)	EMI4615	PASS
RF Output Power / Low channel / Position 2	901.55MHz- 902.55MHz	50mV/m (93.98dBμV/m)	EMI4616	PASS
RF Output Power / Low channel / Position 3	901.55MHz- 902.55MHz	50mV/m (93.98dBμV/m)	EMI4617	PASS
RF Output Power / Mid channel / Position 1	914.5MHz- 915.5MHz	50mV/m (93.98dBμV/m)	EMI4618	PASS
RF Output Power / Mid channel / Position 2	914.5MHz- 915.5MHz	50mV/m (93.98dBμV/m)	EMI4619	PASS
RF Output Power / Mid channel / Position 3	914.5MHz- 915.5MHz	50mV/m (93.98dBμV/m)	EMI4620	PASS
RF Output Power / High channel / Position 1	927.45MHz- 928.45MHz	50mV/m (93.98dBμV/m)	EMI4621	PASS
RF Output Power / High channel / Position 2	927.45MHz- 928.45MHz	50mV/m (93.98dBμV/m)	EMI4622	PASS
RF Output Power / High channel / Position 3	927.45MHz- 928.45MHz	50mV/m (93.98dBμV/m)	EMI4623	PASS

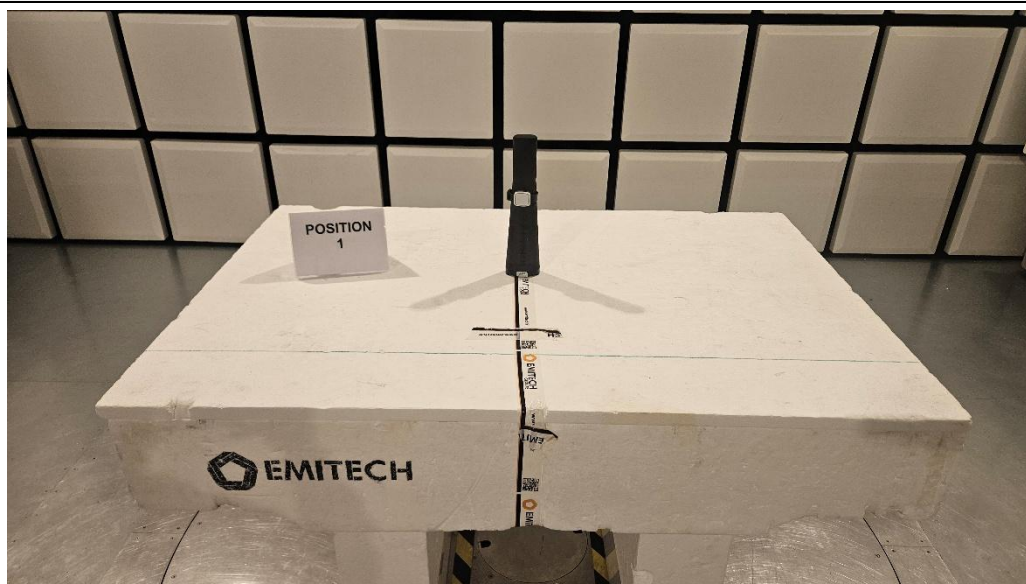
LABORATORY PARAMETERS:	REQUIRED PRIOR TO THE TEST	DURING THE TEST
Ambient Temperature	15 to 35 °C	See Graph(s)
Relative Humidity	20 to 75 %	See Graph(s)
Atmospheric pressure	N/A	See Graph(s)
Test method deviation: N/A		
Supplementary information: N/A		

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	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	Testo	608-H2	12269	18/02/2025	18/04/2027
Thermo-Hygro-Barometer	LUFFT	MOPUS 20	17844	20/05/2025	20/07/2026

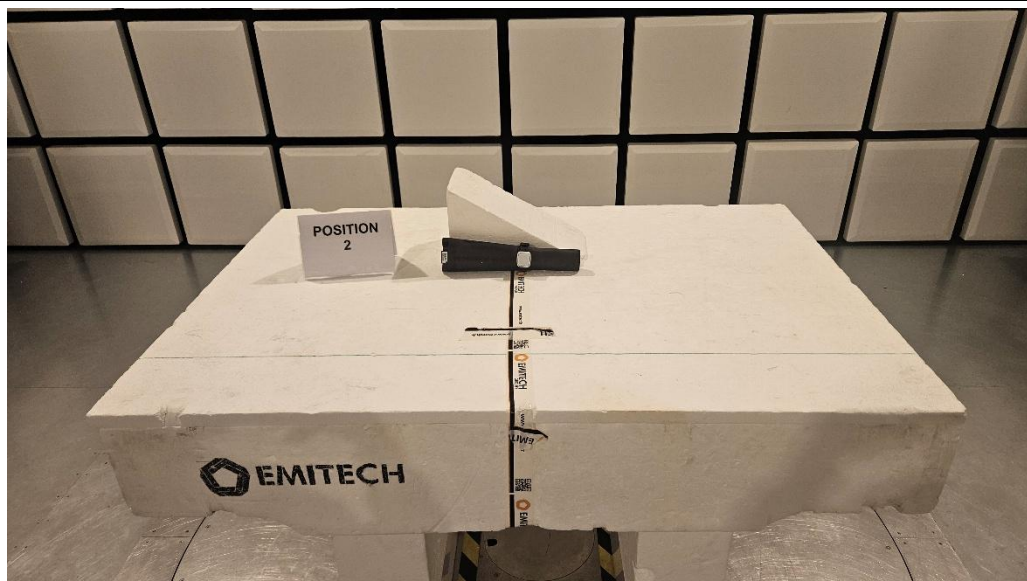
BAT-EMC software version: V3.18.0.26

Blank cells = Permanent validity

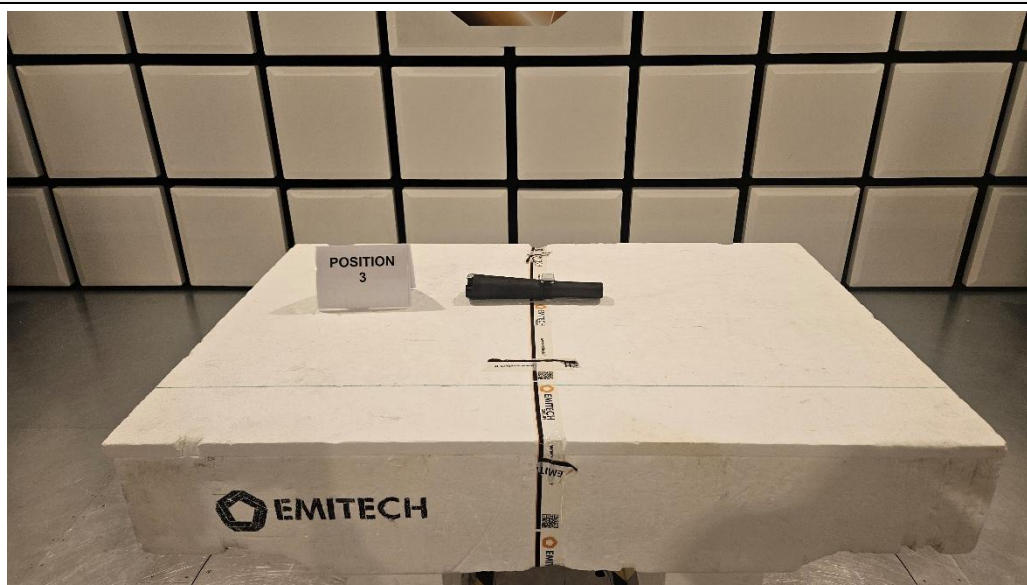
TEST SETUP PHOTO(s) - EUT POSITION 1



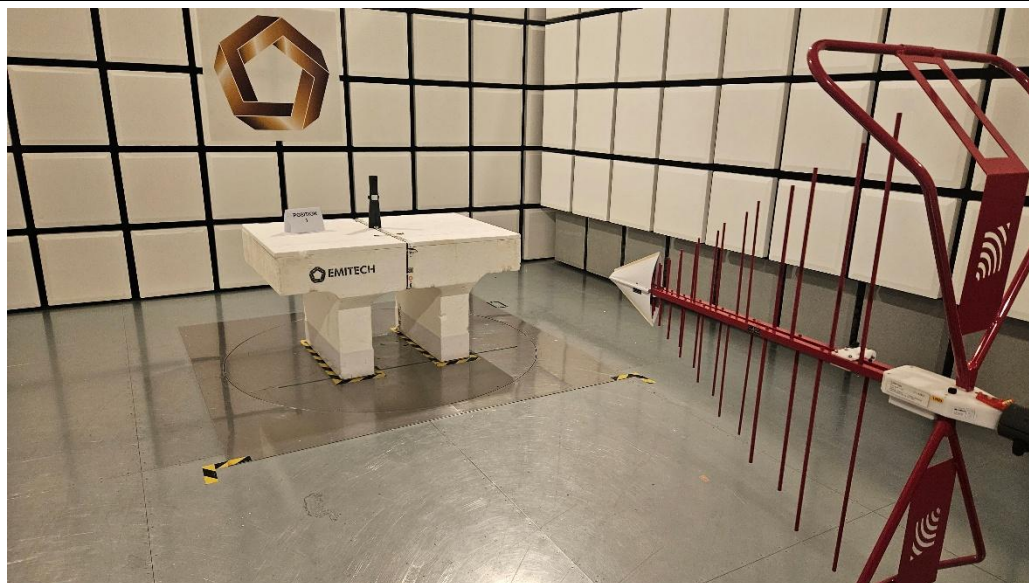
TEST SETUP PHOTO(S) - EUT POSITION 2

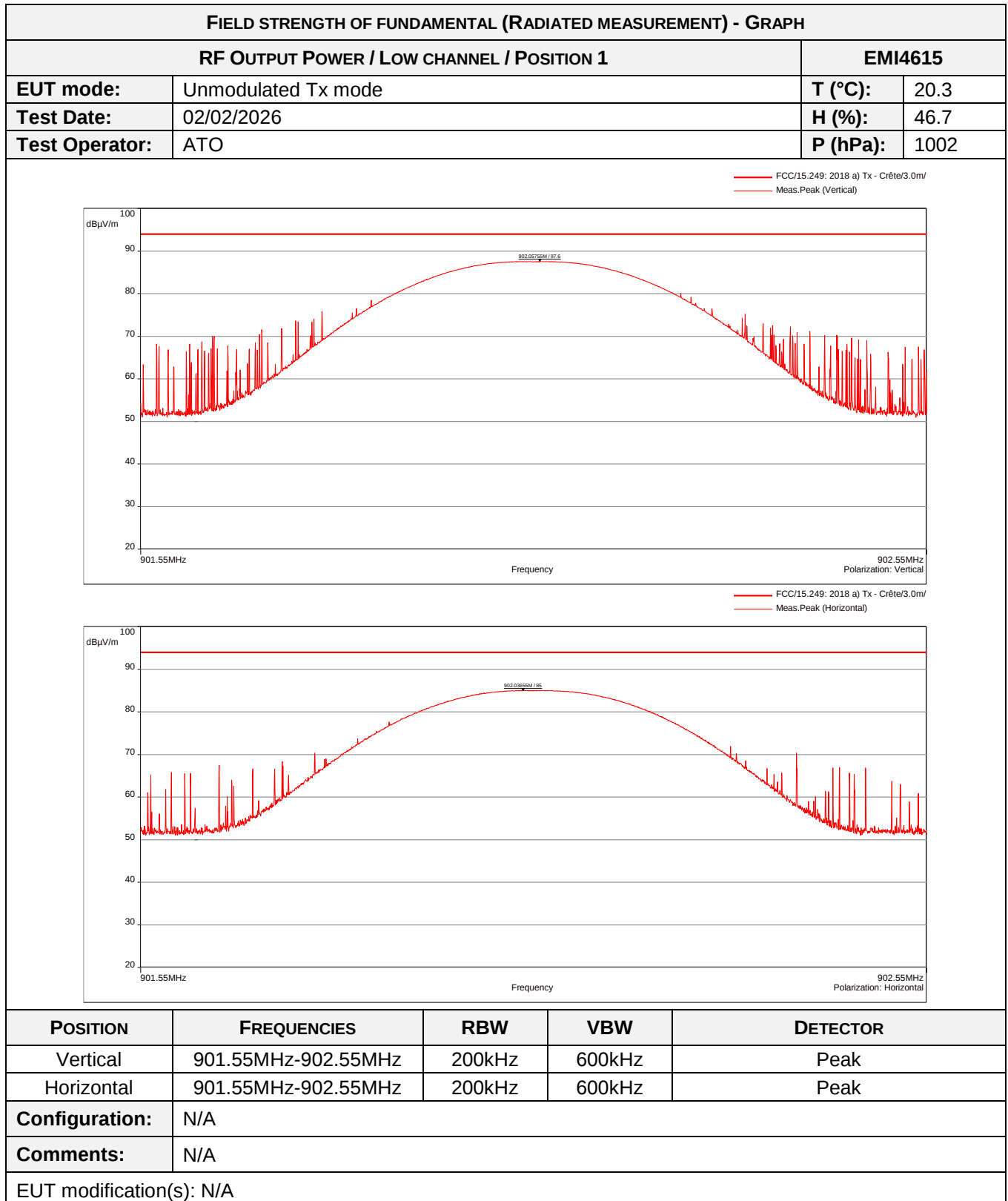


TEST SETUP PHOTO(S) - EUT POSITION 3

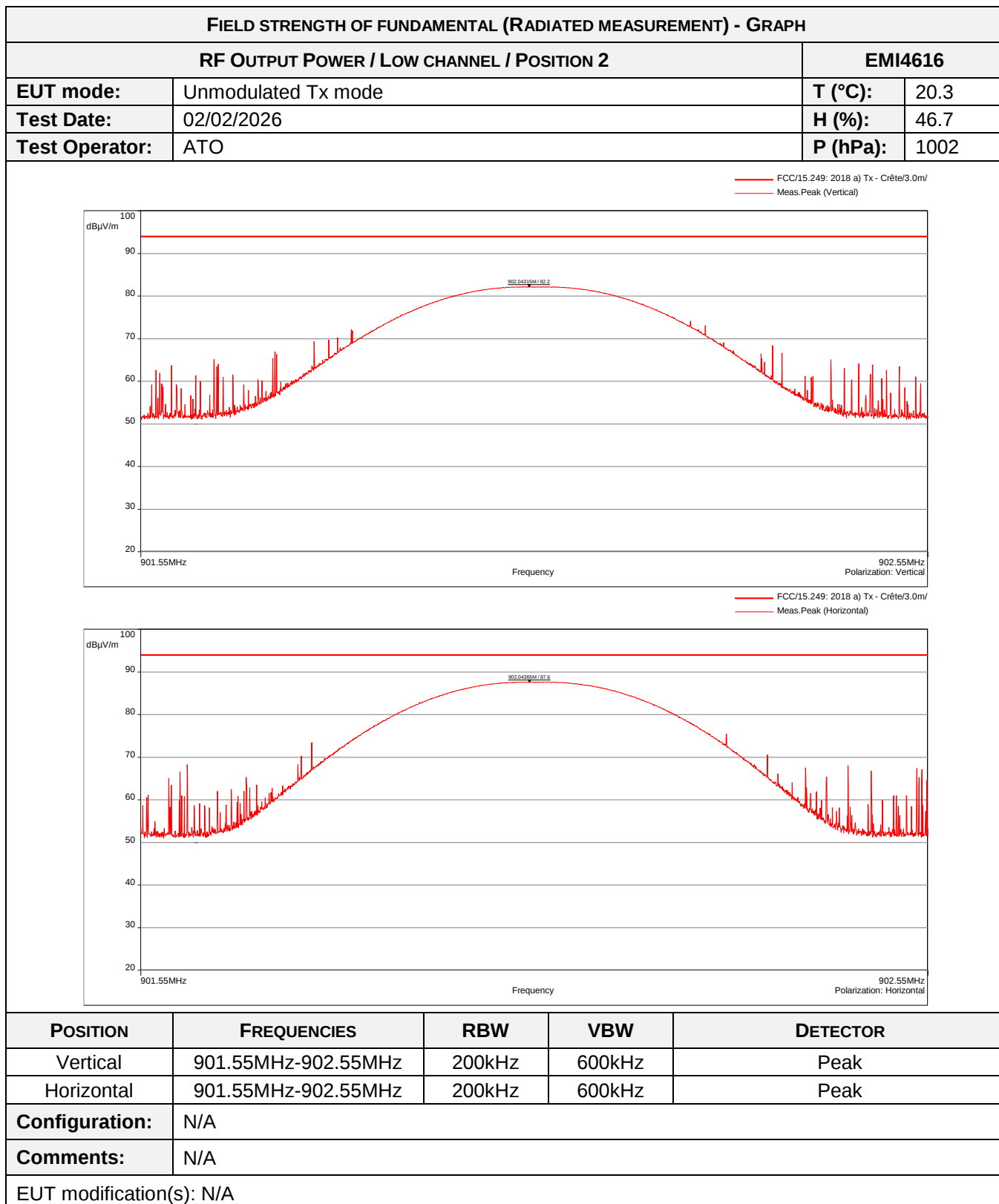


TEST SETUP PHOTO(S) - RF OUTPUT POWER

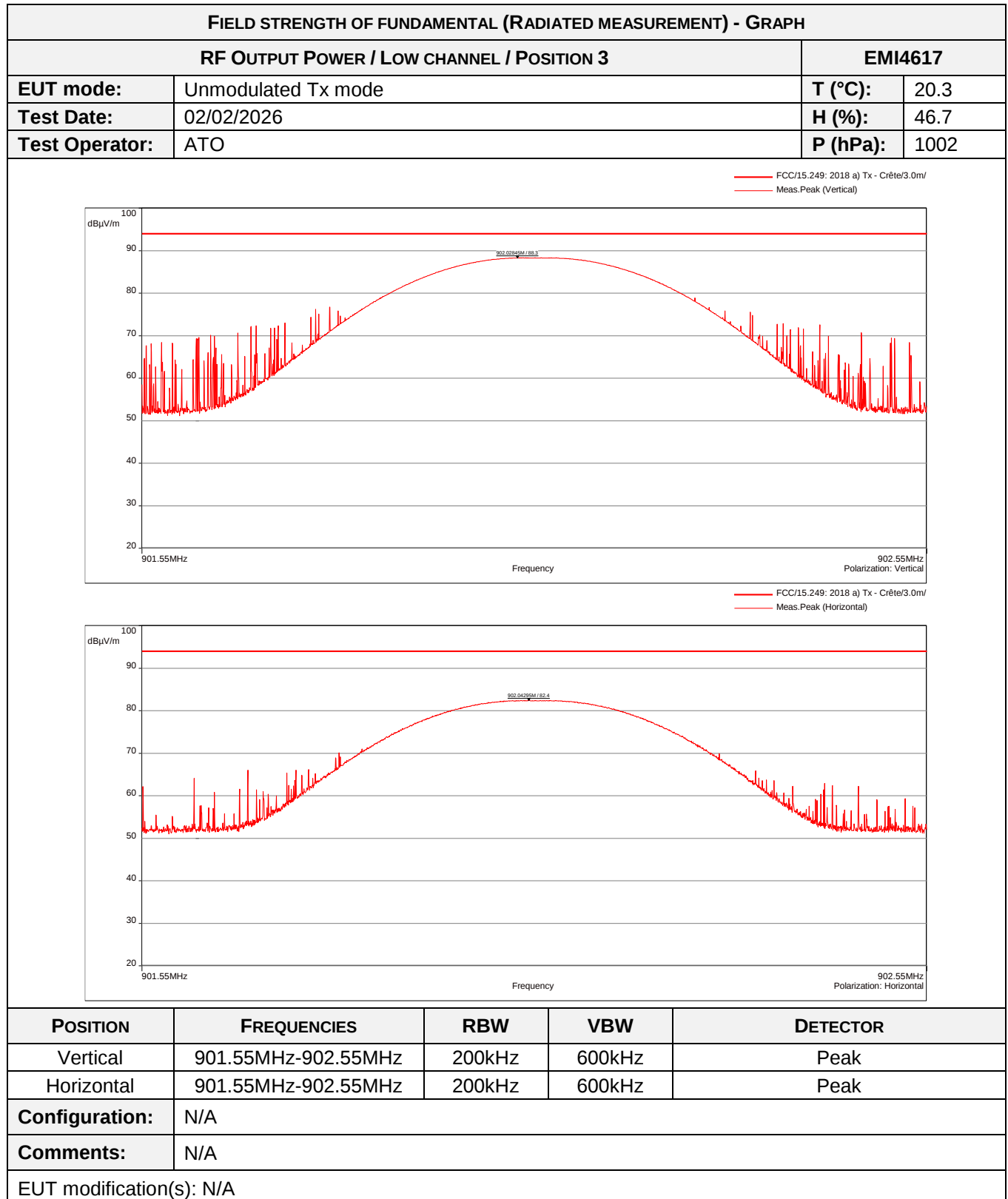




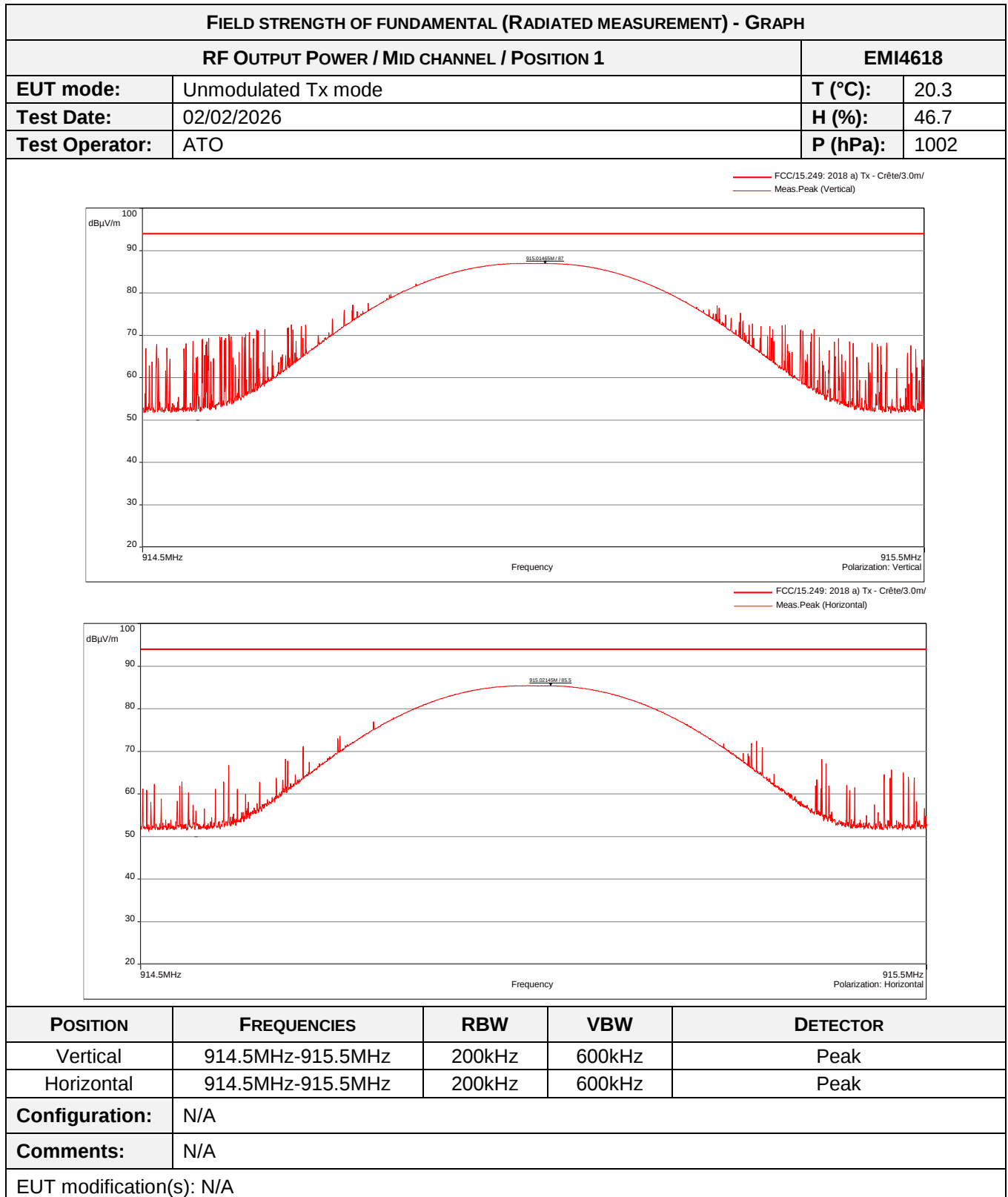
FIELD STRENGTH OF FUNDAMENTAL (RADIATED MEASUREMENT) - TABULATED RESULTS			
RF OUTPUT POWER / LOW CHANNEL / POSITION 1			EMI4615
Frequency (MHz)	Polarization	Level (dBµV/m)	Limit (dBµV/m)
902.05	Vertical	87.60	93.98
902.05	Horizontal	85.00	93.98



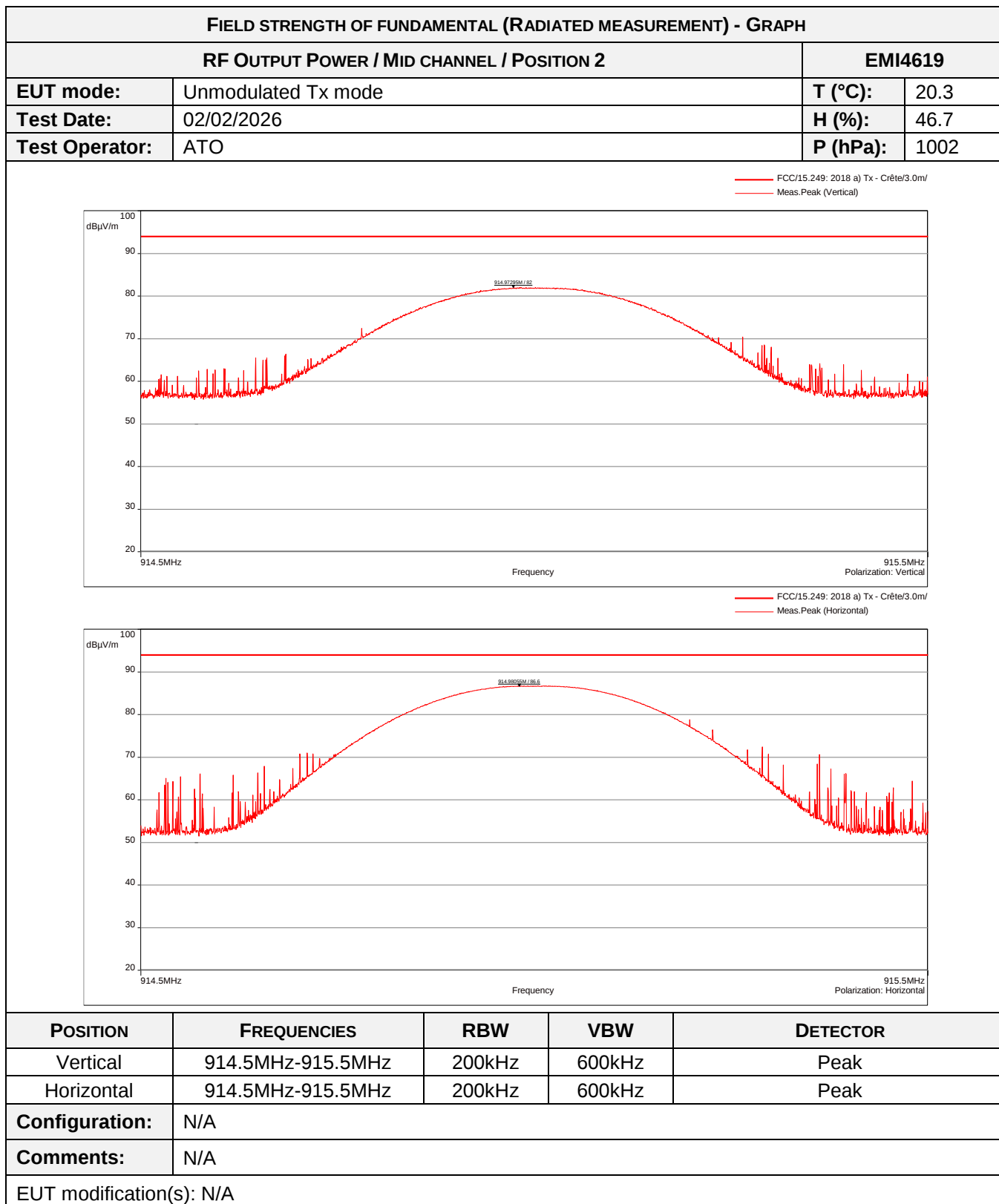
FIELD STRENGTH OF FUNDAMENTAL (RADIATED MEASUREMENT) - TABULATED RESULTS			
RF OUTPUT POWER / LOW CHANNEL / POSITION 2			EMI4616
Frequency (MHz)	Polarization	Level (dBµV/m)	Limit (dBµV/m)
902.05	Vertical	82.20	93.98
902.05	Horizontal	87.60	93.98



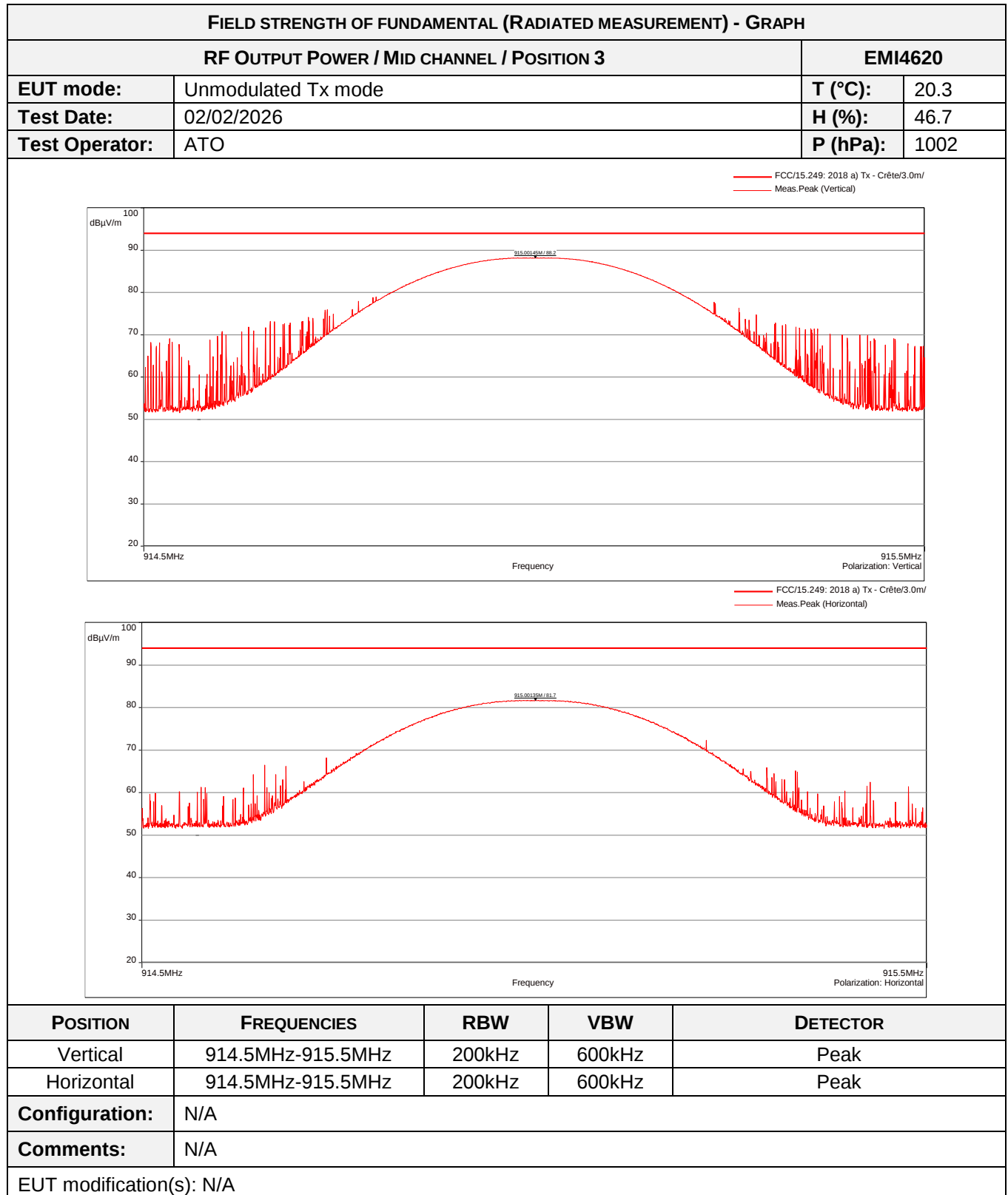
FIELD STRENGTH OF FUNDAMENTAL (RADIATED MEASUREMENT) - TABULATED RESULTS			
RF OUTPUT POWER / LOW CHANNEL / POSITION 3			EMI4617
Frequency (MHz)	Polarization	Level (dBµV/m)	Limit (dBµV/m)
902.05	Vertical	88.30	93.98
902.05	Horizontal	82.40	93.98



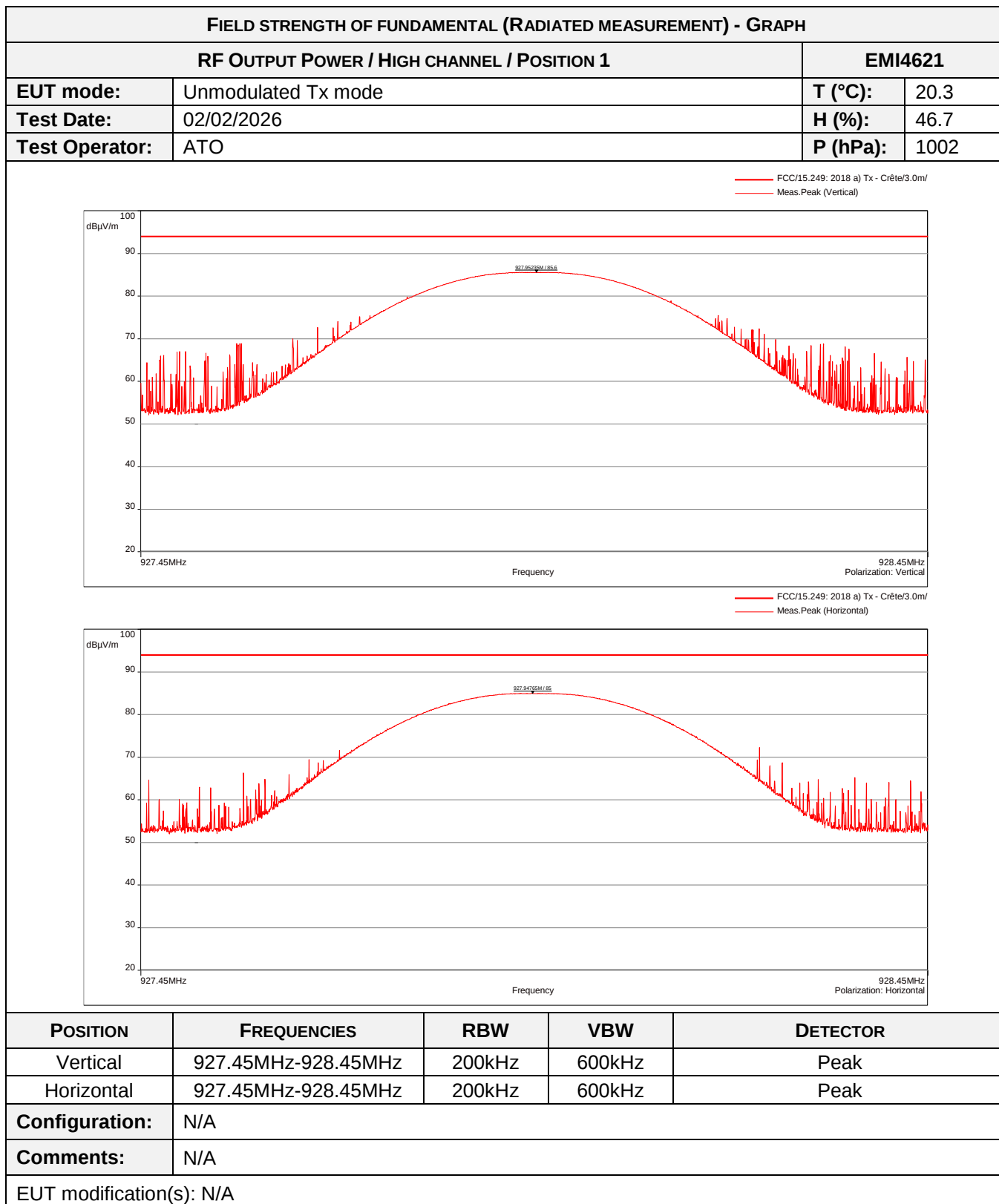
FIELD STRENGTH OF FUNDAMENTAL (RADIATED MEASUREMENT) - TABULATED RESULTS			
RF OUTPUT POWER / MID CHANNEL / POSITION 1			EMI4618
Frequency (MHz)	Polarization	Level (dBµV/m)	Limit (dBµV/m)
915.00	Vertical	87.00	93.98
915.00	Horizontal	85.50	93.98



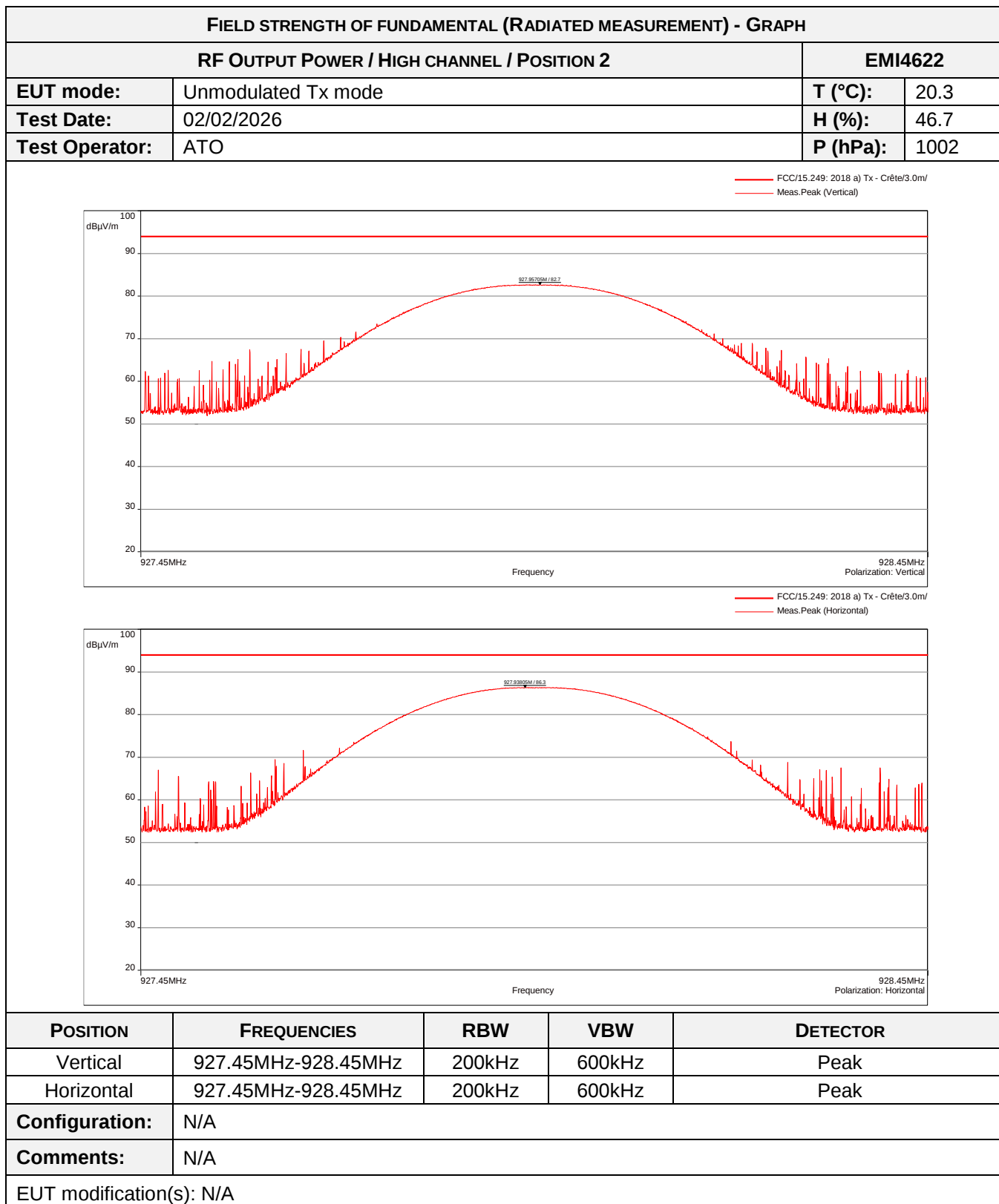
FIELD STRENGTH OF FUNDAMENTAL (RADIATED MEASUREMENT) - TABULATED RESULTS			
RF OUTPUT POWER / MID CHANNEL / POSITION 2			EMI4619
Frequency (MHz)	Polarization	Level (dBµV/m)	Limit (dBµV/m)
915.00	Vertical	82.70	93.98
915.00	Horizontal	86.30	93.98



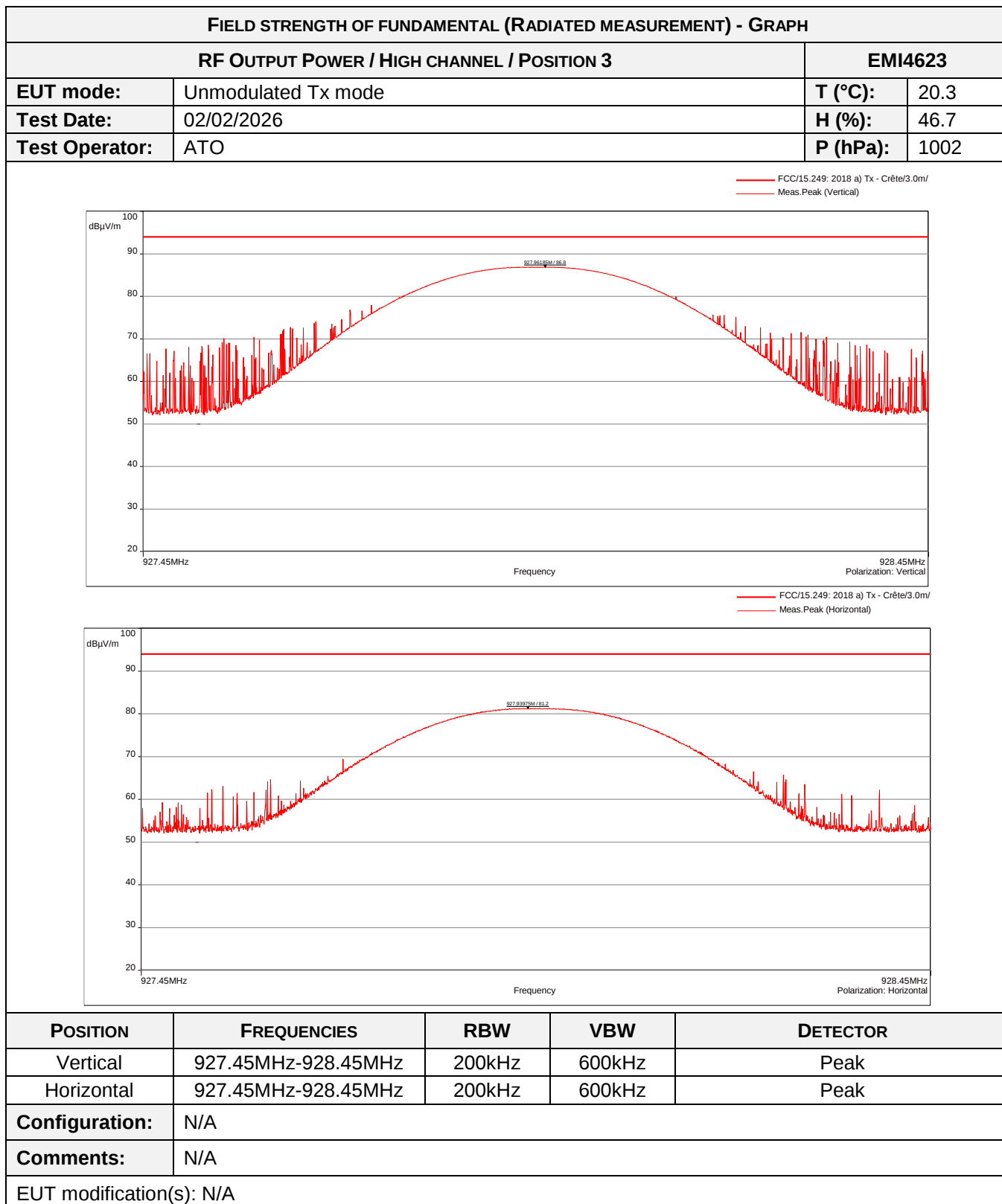
FIELD STRENGTH OF FUNDAMENTAL (RADIATED MEASUREMENT) - TABULATED RESULTS			
RF OUTPUT POWER / MID CHANNEL / POSITION 3			EMI4620
Frequency (MHz)	Polarization	Level (dBµV/m)	Limit (dBµV/m)
915.00	Vertical	88.20	93.98
915.00	Horizontal	81.70	93.98



FIELD STRENGTH OF FUNDAMENTAL (RADIATED MEASUREMENT) - TABULATED RESULTS			
RF OUTPUT POWER / HIGH CHANNEL / POSITION 1			EMI4621
Frequency (MHz)	Polarization	Level (dBµV/m)	Limit (dBµV/m)
927.95	Vertical	85.60	93.98
927.95	Horizontal	85.00	93.98



FIELD STRENGTH OF FUNDAMENTAL (RADIATED MEASUREMENT) - TABULATED RESULTS			
RF OUTPUT POWER / HIGH CHANNEL / POSITION 2			EMI4622
Frequency (MHz)	Polarization	Level (dBµV/m)	Limit (dBµV/m)
927.95	Vertical	82.70	93.98
927.95	Horizontal	86.30	93.98



FIELD STRENGTH OF FUNDAMENTAL (RADIATED MEASUREMENT) - TABULATED RESULTS			
RF OUTPUT POWER / HIGH CHANNEL / POSITION 3			EMI4623
Frequency (MHz)	Polarization	Level (dBµV/m)	Limit (dBµV/m)
927.95	Vertical	86.80	93.98
927.95	Horizontal	81.20	93.98

b) EXTREMES TESTS CONDITIONS

Reference standard:	FCC 47 CFR PART 15.249
Test method:	ANSI C63.10 : 2020
General test setup: EUT is set inside the climatic enclosure. Field strength measurements are repeated in extreme test conditions with the level correlated with the maximum fireld strenght measured in normal tests conditions.	

TEST CASE	EUT MODE	SEVERITY	RESULT TAB.	VERDICT
Low channel / 25°C / 3.00Vdc	Unmodulated Tx mode	50mV/m (93.98dBμV/m)	EMI4471	PASS
Low channel / 25°C / 2.55Vdc	Unmodulated Tx mode	50mV/m (93.98dBμV/m)	EMI4626	PASS
Low channel / 25°C / 3.45Vdc	Unmodulated Tx mode	50mV/m (93.98dBμV/m)	EMI4627	PASS
Mid channel / 25°C / 3.00Vdc	Unmodulated Tx mode	50mV/m (93.98dBμV/m)	EMI4628	PASS
Mid channel / 25°C / 2.55Vdc	Unmodulated Tx mode	50mV/m (93.98dBμV/m)	EMI4629	PASS
Mid channel / 25°C / 3.45Vdc	Unmodulated Tx mode	50mV/m (93.98dBμV/m)	EMI4630	PASS
High channel / 25°C / 3.00Vdc	Unmodulated Tx mode	50mV/m (93.98dBμV/m)	EMI4631	PASS
High channel / 25°C / 2.55Vdc	Unmodulated Tx mode	50mV/m (93.98dBμV/m)	EMI4632	PASS
High channel / 25°C / 3.45Vdc	Unmodulated Tx mode	50mV/m (93.98dBμV/m)	EMI4633	PASS
Low channel / -20°C / 3.00Vdc	Unmodulated Tx mode	50mV/m (93.98dBμV/m)	EMI4634	PASS
Low channel / -20°C / 2.55Vdc	Unmodulated Tx mode	50mV/m (93.98dBμV/m)	EMI4635	PASS
Low channel / -20°C / 3.45Vdc	Unmodulated Tx mode	50mV/m (93.98dBμV/m)	EMI4636	PASS
Mid channel / -20°C / 3.00Vdc	Unmodulated Tx mode	50mV/m (93.98dBμV/m)	EMI4637	PASS
Mid channel / -20°C / 2.55Vdc	Unmodulated Tx mode	50mV/m (93.98dBμV/m)	EMI4638	PASS
Mid channel / -20°C / 3.45Vdc	Unmodulated Tx mode	50mV/m (93.98dBμV/m)	EMI4639	PASS
High channel / -20°C / 3.00Vdc	Unmodulated Tx mode	50mV/m (93.98dBμV/m)	EMI4640	PASS
High channel / -20°C / 2.55Vdc	Unmodulated Tx mode	50mV/m (93.98dBμV/m)	EMI4641	PASS
High channel / -20°C / 3.45Vdc	Unmodulated Tx mode	50mV/m (93.98dBμV/m)	EMI4642	PASS
Low channel / 55°C / 3.00Vdc	Unmodulated Tx mode	50mV/m (93.98dBμV/m)	EMI4643	PASS
Low channel / 55°C / 2.55Vdc	Unmodulated Tx mode	50mV/m (93.98dBμV/m)	EMI4644	PASS
Low channel / 55°C / 3.45Vdc	Unmodulated Tx mode	50mV/m (93.98dBμV/m)	EMI4645	PASS
Mid channel / 55°C / 3.00Vdc	Unmodulated Tx mode	50mV/m (93.98dBμV/m)	EMI4646	PASS

TEST CASE	EUT MODE	SEVERITY	RESULT TAB.	VERDICT
Mid channel / 55°C / 2.55Vdc	Unmodulated Tx mode	50mV/m (93.98dBμV/m)	EMI4647	PASS
Mid channel / 55°C / 3.45Vdc	Unmodulated Tx mode	50mV/m (93.98dBμV/m)	EMI4648	PASS
High channel / 55°C / 3.00Vdc	Unmodulated Tx mode	50mV/m (93.98dBμV/m)	EMI4649	PASS
High channel / 55°C / 2.55Vdc	Unmodulated Tx mode	50mV/m (93.98dBμV/m)	EMI4650	PASS
High channel / 55°C / 3.45Vdc	Unmodulated Tx mode	50mV/m (93.98dBμV/m)	EMI4651	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	CLIMATS	EXCAL 7714-HA	14261	19/09/2025	19/11/2026
Multimeter	FLUKE	8808A	12446	13/03/2025	13/05/2026
Power supply	TTI	PL303QMD	8496		
Receiver	Rohde & Schwarz	FPL1007	17908	04/04/2025	04/06/2026
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) - LOW CHANNEL / 25°C / 3.00Vdc



FIELD STRENGTH OF FUNDAMENTAL (RADIATED MEASUREMENT) - TABULATED RESULTS

TEST CASE	FREQUENCY	LEVEL	LIMIT	RESULT TAB.
Low channel / 25°C / 3.00Vdc	902.05MHz	88.30dBμV/m	93.98dBμV/m	EMI4471
Low channel / 25°C / 2.55Vdc	902.05MHz	88.30dBμV/m	93.98dBμV/m	EMI4626
Low channel / 25°C / 3.45Vdc	902.05MHz	88.30dBμV/m	93.98dBμV/m	EMI4627
Mid channel / 25°C / 3.00Vdc	915MHz	88.20dBμV/m	93.98dBμV/m	EMI4628
Mid channel / 25°C / 2.55Vdc	915MHz	88.19dBμV/m	93.98dBμV/m	EMI4629
Mid channel / 25°C / 3.45Vdc	915MHz	88.20dBμV/m	93.98dBμV/m	EMI4630
High channel / 25°C / 3.00Vdc	927.95MHz	86.80dBμV/m	93.98dBμV/m	EMI4631
High channel / 25°C / 2.55Vdc	927.95MHz	86.80dBμV/m	93.98dBμV/m	EMI4632
High channel / 25°C / 3.45Vdc	927.95MHz	86.80dBμV/m	93.98dBμV/m	EMI4633
Low channel / -20°C / 3.00Vdc	902.05MHz	88.74dBμV/m	93.98dBμV/m	EMI4634
Low channel / -20°C / 2.55Vdc	902.05MHz	88.74dBμV/m	93.98dBμV/m	EMI4635
Low channel / -20°C / 3.45Vdc	902.05MHz	88.73dBμV/m	93.98dBμV/m	EMI4636
Mid channel / -20°C / 3.00Vdc	915MHz	88.64dBμV/m	93.98dBμV/m	EMI4637
Mid channel / -20°C / 2.55Vdc	915MHz	88.63dBμV/m	93.98dBμV/m	EMI4638
Mid channel / -20°C / 3.45Vdc	915MHz	88.63dBμV/m	93.98dBμV/m	EMI4639
High channel / -20°C / 3.00Vdc	927.95MHz	87.25dBμV/m	93.98dBμV/m	EMI4640
High channel / -20°C / 2.55Vdc	927.95MHz	87.25dBμV/m	93.98dBμV/m	EMI4641
High channel / -20°C / 3.45Vdc	927.95MHz	87.25dBμV/m	93.98dBμV/m	EMI4642
Low channel / 55°C / 3.00Vdc	902.05MHz	88.01dBμV/m	93.98dBμV/m	EMI4643
Low channel / 55°C / 2.55Vdc	902.05MHz	88.01dBμV/m	93.98dBμV/m	EMI4644
Low channel / 55°C / 3.45Vdc	902.05MHz	88.01dBμV/m	93.98dBμV/m	EMI4645
Mid channel / 55°C / 3.00Vdc	915MHz	87.87dBμV/m	93.98dBμV/m	EMI4646
Mid channel / 55°C / 2.55Vdc	915MHz	87.87dBμV/m	93.98dBμV/m	EMI4647
Mid channel / 55°C / 3.45Vdc	915MHz	87.87dBμV/m	93.98dBμV/m	EMI4648
High channel / 55°C / 3.00Vdc	927.95MHz	86.54dBμV/m	93.98dBμV/m	EMI4649
High channel / 55°C / 2.55Vdc	927.95MHz	86.54dBμV/m	93.98dBμV/m	EMI4650
High channel / 55°C / 3.45Vdc	927.95MHz	86.53dBμV/m	93.98dBμV/m	EMI4651

EUT MODIFICATIONS	OPERATOR	TEST DATE
N/A	ATO	04/02/2026

6.4. Modulation bandwidth

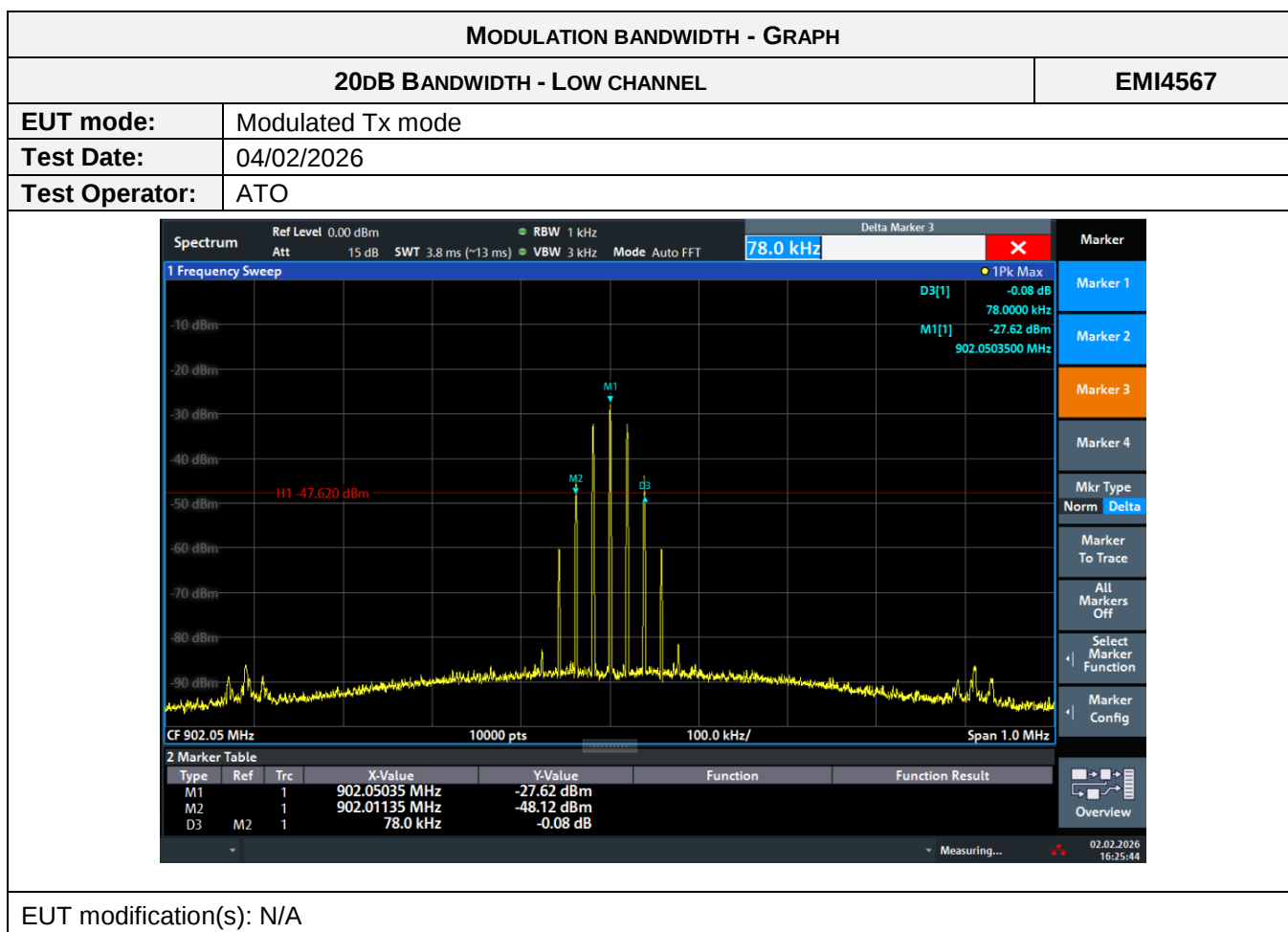
Reference standard:	Fcc part 15.215; 15.249 RSS-GEN, RSS-210
Test method:	ANSI C63.10: 2020
Test description: The modulation bandwidth contains all associated side bands above a defined level. The occupied bandwidth (OBW) is the Frequency Range in which 99 % of the total mean power of a given emission falls. The residual part of the total power being denoted as β , which, in cases of symmetrical spectra, splits up into $\beta/2$ on each side of the spectrum. Unless otherwise specified, $\beta/2$ is taken as 0,5 %. The maximum occupied bandwidth includes all associated side bands above the appropriate emissions level and the frequency error or drift under extreme test conditions. EUT is connected to the measuring receiver via 50 Ω attenuator(s).	

TEST CASE AND CONDITIONS	MODULATION BANDWIDTH	RESULT TAB.	VERDICT
20dB Bandwidth - Low channel	78.00kHz	EMI4567	PASS
20dB Bandwidth - Mid channel	78.00kHz	EMI4680	PASS
20dB Bandwidth - High channel	78.00kHz	EMI4681	PASS
OBW - Low channel	77.17kHz	EMI4474	PASS
OBW - Mid channel	77.17kHz	EMI4652	PASS
OBW - High channel	77.16kHz	EMI4653	PASS

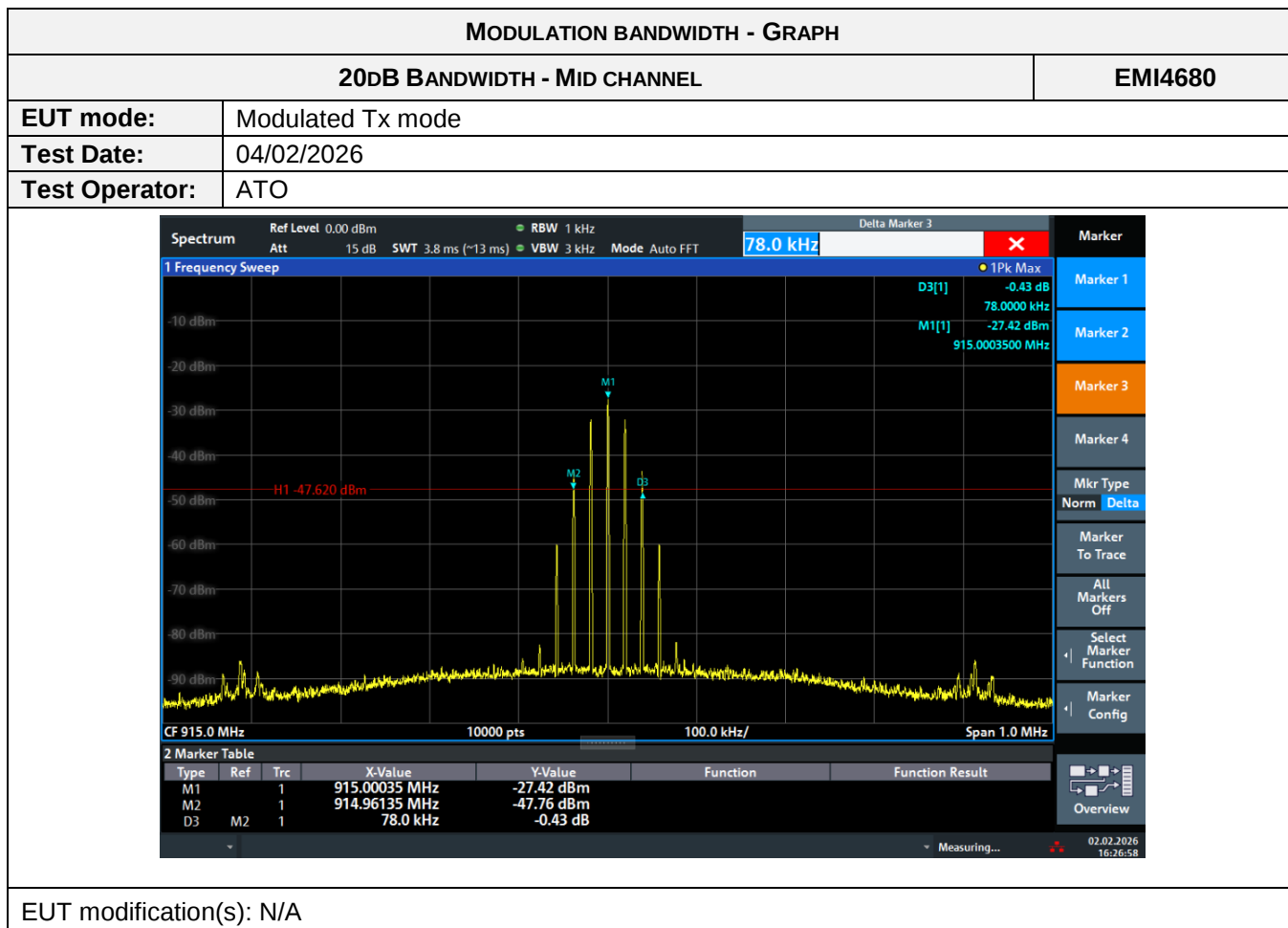
LABORATORY PARAMETERS:	REQUIRED PRIOR TO THE TEST	DURING THE TEST
Ambient Temperature	15 to 35 °C	20.8 °C
Relative Humidity	20 to 75 %	39.8%
Atmospheric pressure	N/A	1000hPa
Test method deviation: N/A		
Supplementary information: N/A		

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	CLIMATS	EXCAL 7714-HA	14261	19/09/2025	19/11/2026
Multimeter	FLUKE	8808A	12446	13/03/2025	13/05/2026
Power supply	TTI	PL303QMD	8496		
Receiver	Rohde & Schwarz	FPL1007	17908	04/04/2025	04/06/2026
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

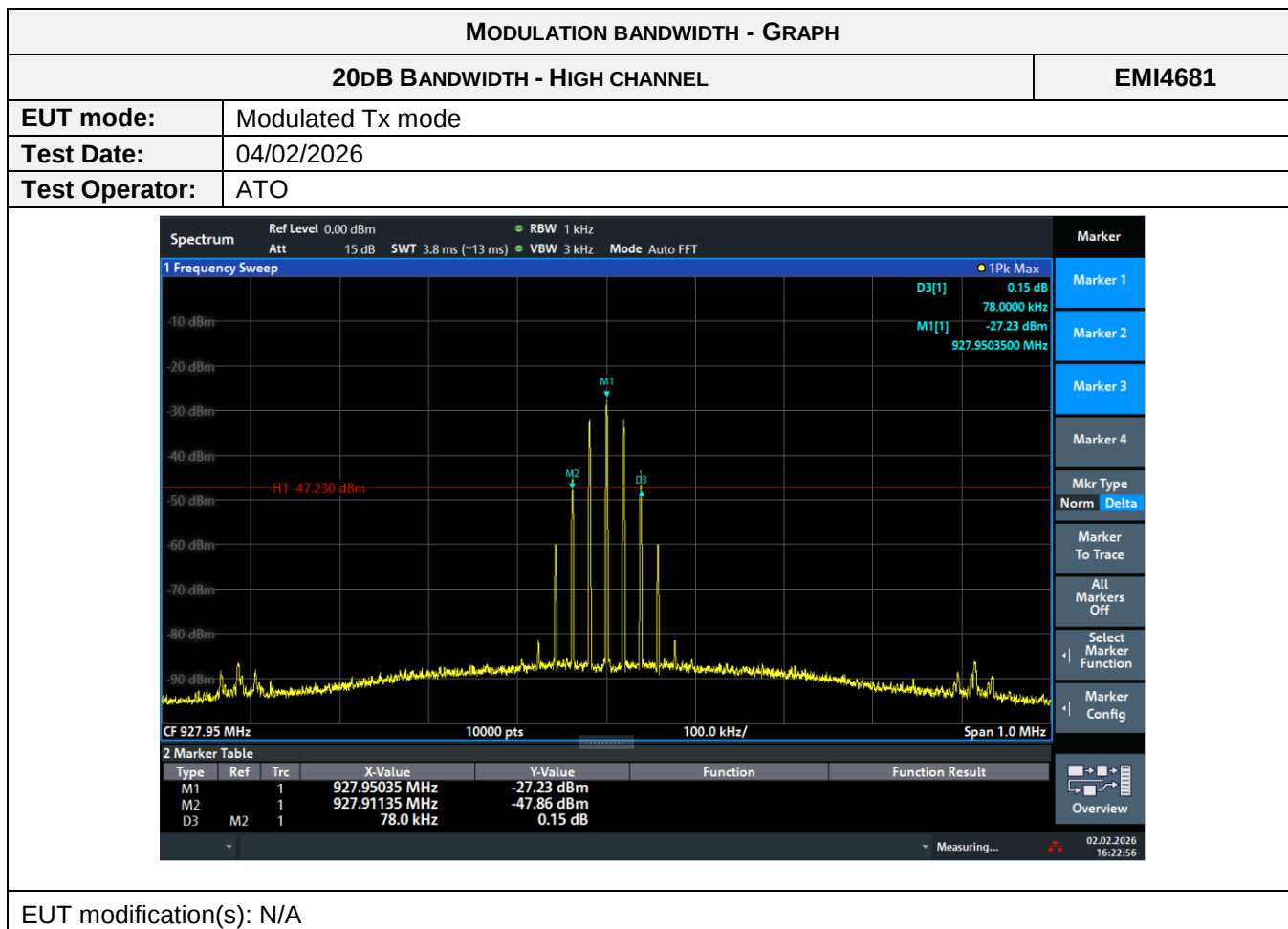
Blank cells = Permanent validity



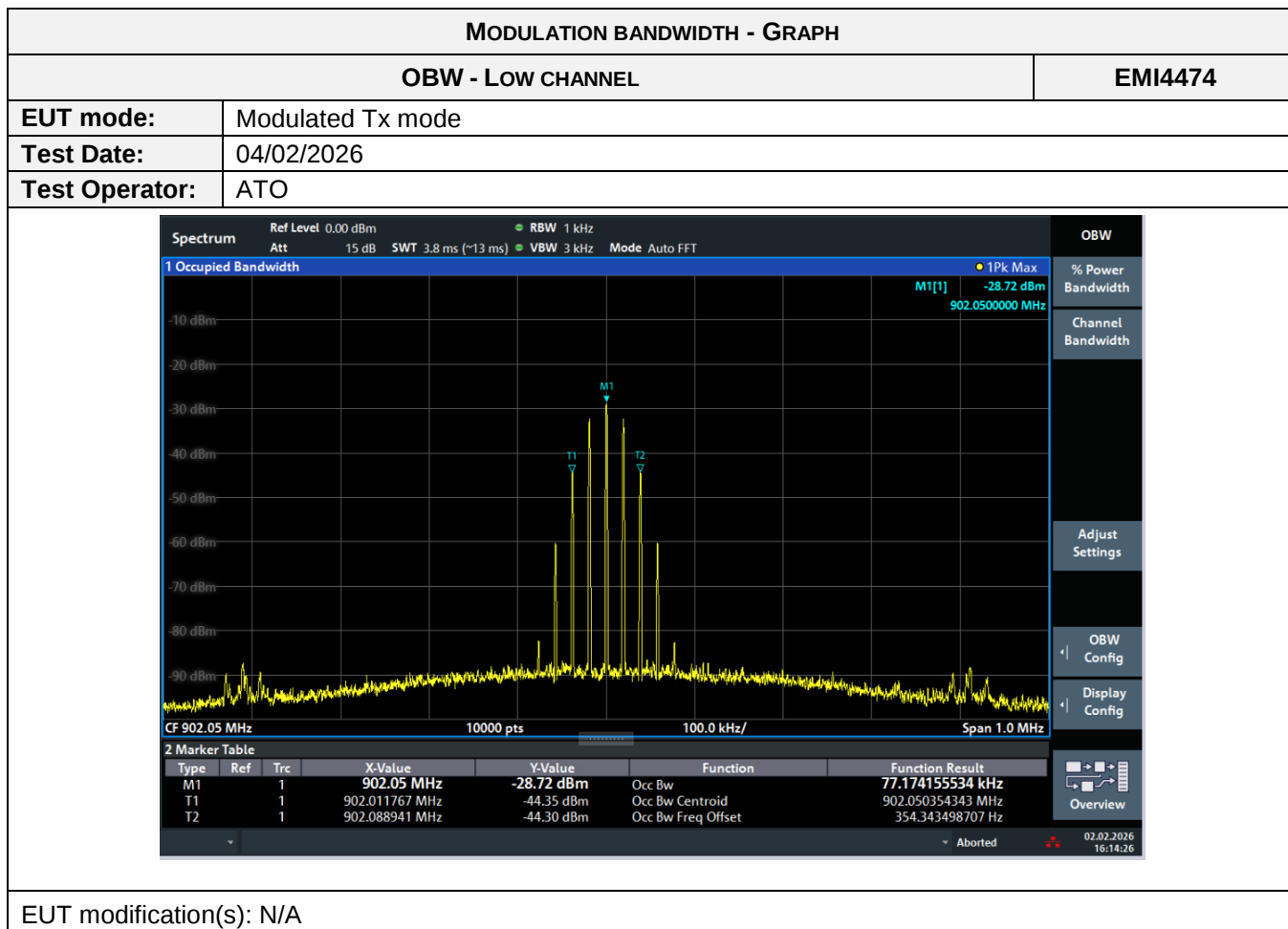
MODULATION BANDWIDTH - TABULATED RESULTS		
20dB BANDWIDTH - LOW CHANNEL		EMI4567
f_{Low}	f_{High}	20dB Bandwidth
902.011MHz	902.089MHz	78.00kHz



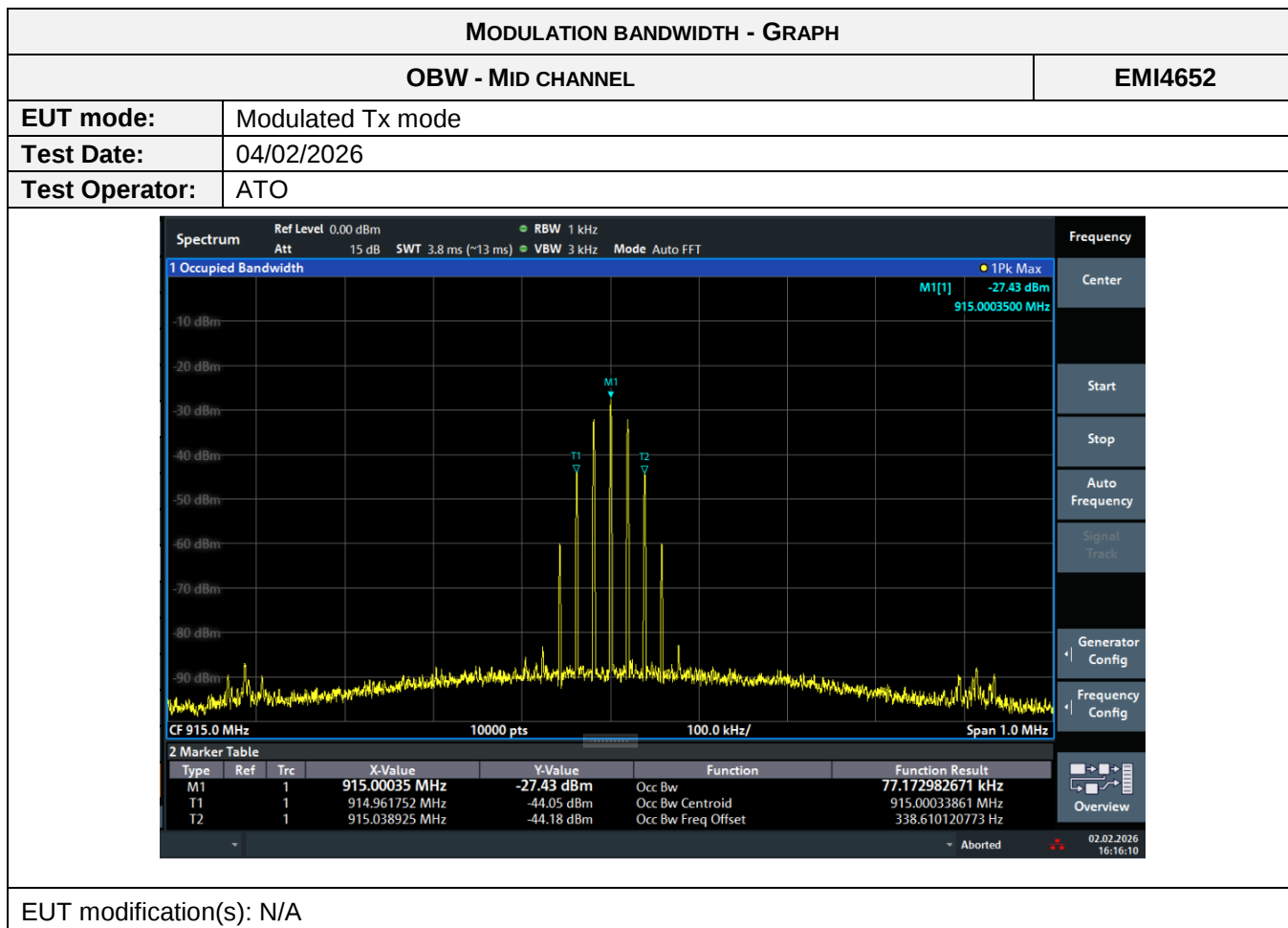
MODULATION BANDWIDTH - TABULATED RESULTS		
20dB BANDWIDTH - MID CHANNEL		EMI4680
f _{Low}	f _{High}	20dB Bandwidth
914.961MHz	915.039MHz	78.00kHz



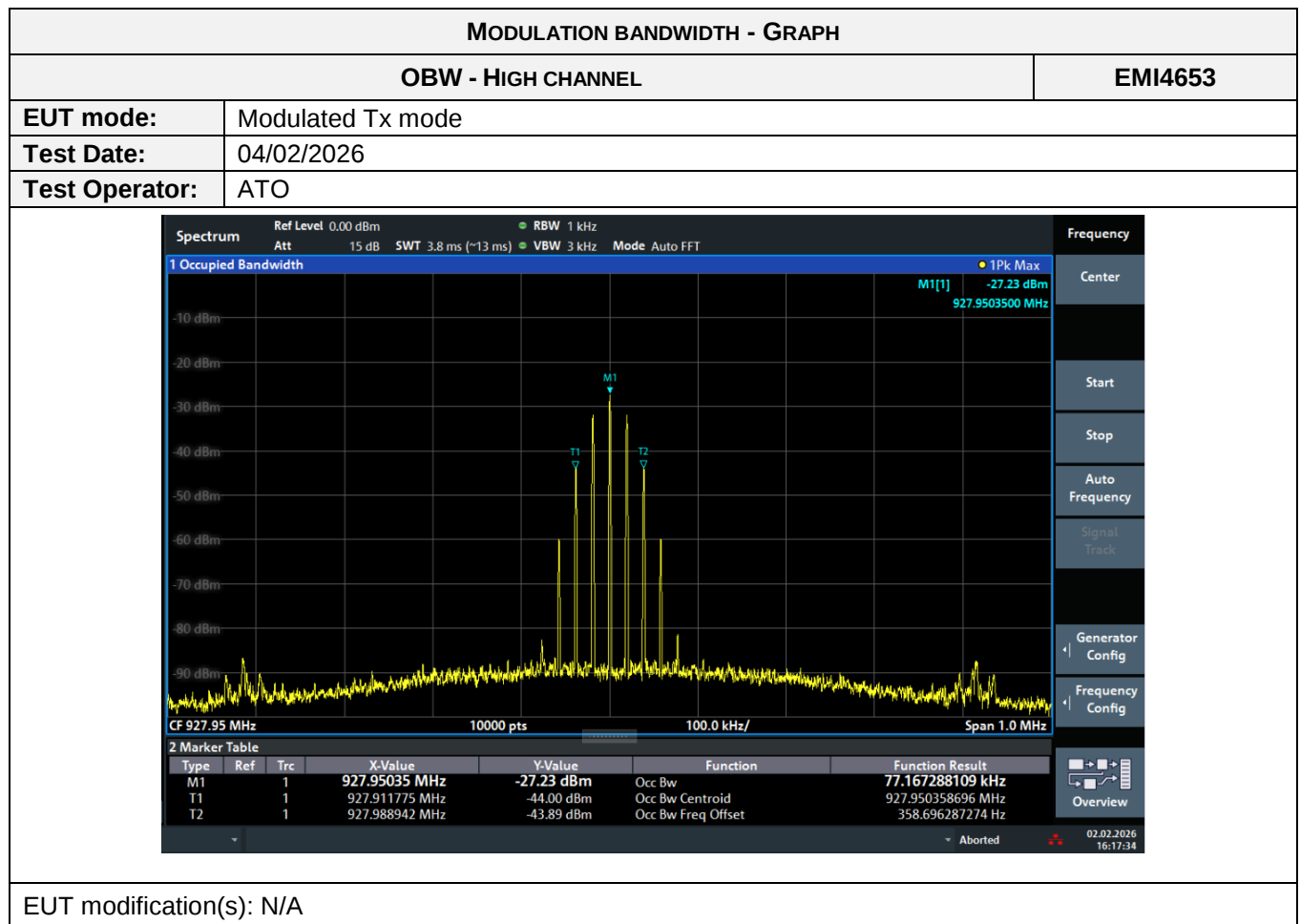
MODULATION BANDWIDTH - TABULATED RESULTS		
20dB BANDWIDTH - HIGH CHANNEL		EMI4681
f _{Low}	f _{High}	20dB Bandwidth
927.911 MHz	927.989MHz	78.00kHz



MODULATION BANDWIDTH - TABULATED RESULTS		
OBW - LOW CHANNEL		EMI4474
f_{Low}	f_{High}	OBW ($f_{high}-f_{low}$)
902.011767MHz	902.088941MHz	77.17kHz



MODULATION BANDWIDTH - TABULATED RESULTS		
OBW - MID CHANNEL		EMI4652
f _{Low}	f _{High}	OBW (f _{high} -f _{low})
914.961752MHz	915.038925MHz	77.17kHz



MODULATION BANDWIDTH - TABULATED RESULTS		
OBW - HIGH CHANNEL		EMI4653
f _{Low}	f _{High}	OBW (f _{high} -f _{low})
927.911775MHz	927.988942MHz	77.16kHz

6.5. Frequency error

Reference standard:	Fcc part 15.215; 15.249 RSS-GEN, 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=10Hz	

TEST CASE	EUT MODE	SEVERITY	RESULT TAB.	VERDICT
Low channel / 25°C/ 3.00Vdc	Unmodulated Tx mode	+/-0.001%	EMI4475	PASS
Low channel / 25°C/ 2.55Vdc	Unmodulated Tx mode	+/-0.001%	EMI4654	PASS
Low channel / 25°C/ 3.45Vdc	Unmodulated Tx mode	+/-0.001%	EMI4655	PASS
Mid channel / 25°C/ 3.00Vdc	Unmodulated Tx mode	+/-0.001%	EMI4656	PASS
Mid channel / 25°C/ 2.55Vdc	Unmodulated Tx mode	+/-0.001%	EMI4657	PASS
Mid channel / 25°C/ 3.45Vdc	Unmodulated Tx mode	+/-0.001%	EMI4658	PASS
High channel / 25°C/ 3.00Vdc	Unmodulated Tx mode	+/-0.001%	EMI4659	PASS
High channel / 25°C/ 2.55Vdc	Unmodulated Tx mode	+/-0.001%	EMI4660	PASS
High channel / 25°C/ 3.45Vdc	Unmodulated Tx mode	+/-0.001%	EMI4661	PASS
Low channel / -20°C/ 3.00Vdc	Unmodulated Tx mode	+/-0.001%	EMI4662	PASS
Low channel / -20°C/ 2.55Vdc	Unmodulated Tx mode	+/-0.001%	EMI4663	PASS
Low channel / -20°C/ 3.45Vdc	Unmodulated Tx mode	+/-0.001%	EMI4664	PASS
Mid channel / -20°C/ 3.00Vdc	Unmodulated Tx mode	+/-0.001%	EMI4665	PASS
Mid channel / -20°C/ 2.55Vdc	Unmodulated Tx mode	+/-0.001%	EMI4666	PASS
Mid channel / -20°C/ 3.45Vdc	Unmodulated Tx mode	+/-0.001%	EMI4667	PASS
High channel / -20°C/ 3.00Vdc	Unmodulated Tx mode	+/-0.001%	EMI4668	PASS
High channel / -20°C/ 2.55Vdc	Unmodulated Tx mode	+/-0.001%	EMI4669	PASS
High channel / -20°C/ 3.45Vdc	Unmodulated Tx mode	+/-0.001%	EMI4670	PASS
Low channel / 55°C/ 3.00Vdc	Unmodulated Tx mode	+/-0.001%	EMI4671	PASS
Low channel / 55°C/ 2.55Vdc	Unmodulated Tx mode	+/-0.001%	EMI4672	PASS

TEST CASE	EUT MODE	SEVERITY	RESULT TAB.	VERDICT
Low channel / 55°C/ 3.45Vdc	Unmodulated Tx mode	+/-0.001%	EMI4673	PASS
Mid channel / 55°C/ 3.00Vdc	Unmodulated Tx mode	+/-0.001%	EMI4674	PASS
Mid channel / 55°C/ 2.55Vdc	Unmodulated Tx mode	+/-0.001%	EMI4675	PASS
Mid channel / 55°C/ 3.45Vdc	Unmodulated Tx mode	+/-0.001%	EMI4676	PASS
High channel / 55°C/ 3.00Vdc	Unmodulated Tx mode	+/-0.001%	EMI4677	PASS
High channel / 55°C/ 2.55Vdc	Unmodulated Tx mode	+/-0.001%	EMI4678	PASS
High channel / 55°C/ 3.45Vdc	Unmodulated Tx mode	+/-0.001%	EMI4679	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	CLIMATS	EXCAL 7714-HA	14261	19/09/2025	19/11/2026
Multimeter	FLUKE	8808A	12446	13/03/2025	13/05/2026
Power supply	TTI	PL303QMD	8496		
Receiver	Rohde & Schwarz	FPL1007	17908	04/04/2025	04/06/2026
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)



FREQUENCY ERROR - TABULATED RESULTS				
TEST CASE	FREQUENCY	FREQUENCY ERROR	LIMIT	RESULT TAB.
Low channel / 25°C/ 3.00Vdc	902.05032218MHz	0%	+/-0.001%	EMI4475
Low channel / 25°C/ 2.55Vdc	902.0503022MHz	0%	+/-0.001%	EMI4654
Low channel / 25°C/ 3.45Vdc	902.05033816MHz	0%	+/-0.001%	EMI4655
Mid channel / 25°C/ 3.00Vdc	915.00028732MHz	0%	+/-0.001%	EMI4656
Mid channel / 25°C/ 2.55Vdc	915.00027014MHz	0%	+/-0.001%	EMI4657
Mid channel / 25°C/ 3.45Vdc	915.0003057MHz	0%	+/-0.001%	EMI4658
High channel / 25°C/ 3.00Vdc	927.9502989MHz	0%	+/-0.001%	EMI4659
High channel / 25°C/ 2.55Vdc	927.95028172MHz	0%	+/-0.001%	EMI4660
High channel / 25°C/ 3.45Vdc	927.95031768MHz	0%	+/-0.001%	EMI4661
Low channel / -20°C/ 3.00Vdc	902.0501384MHz	-0.00002%	+/-0.001%	EMI4662
Low channel / -20°C/ 2.55Vdc	902.0501504MHz	-0.00002%	+/-0.001%	EMI4663
Low channel / -20°C/ 3.45Vdc	902.0501309MHz	-0.00002%	+/-0.001%	EMI4664
Mid channel / -20°C/ 3.00Vdc	915.00008941MHz	-0.00002%	+/-0.001%	EMI4665
Mid channel / -20°C/ 2.55Vdc	915.0000972MHz	-0.00002%	+/-0.001%	EMI4666
Mid channel / -20°C/ 3.45Vdc	915.00082MHz	-0.00002%	+/-0.001%	EMI4667
High channel / -20°C/ 3.00Vdc	927.9501094MHz	-0.00002%	+/-0.001%	EMI4668
High channel / -20°C/ 2.55Vdc	927.9501194MHz	-0.00002%	+/-0.001%	EMI4669
High channel / -20°C/ 3.45Vdc	927.9501019MHz	-0.00002%	+/-0.001%	EMI4670
Low channel / 55°C/ 3.00Vdc	902.0502118MHz	-0.00001%	+/-0.001%	EMI4671
Low channel / 55°C/ 2.55Vdc	902.0502068MHz	-0.00002%	+/-0.001%	EMI4672
Low channel / 55°C/ 3.45Vdc	902.050502158MHz	-0.00002%	+/-0.001%	EMI4673
Mid channel / 55°C/ 3.00Vdc	915.0001648MHz	-0.00001%	+/-0.001%	EMI4674
Mid channel / 55°C/ 2.55Vdc	915.0001598MHz	-0.00001%	+/-0.001%	EMI4675
Mid channel / 55°C/ 3.45Vdc	915.0001698MHz	-0.00001%	+/-0.001%	EMI4676
High channel / 55°C/ 3.00Vdc	927.9501853MHz	-0.00001%	+/-0.001%	EMI4677
High channel / 55°C/ 2.55Vdc	927.9501803MHz	-0.00001%	+/-0.001%	EMI4678
High channel / 55°C/ 3.45Vdc	927.9501913MHz	-0.00001%	+/-0.001%	EMI4679

EUT MODIFICATIONS	OPERATOR	TEST DATE
N/A	ATO	0/02/2026

End of test report