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**Client:** **Tacx b.v.**  
Rijksstraatweg 52, 2241BW Wassenaar, Netherlands

**Test Item:**  
**ANT**

**Identification:** **T8000D** **Serial Number:** -

**Project No.:** **18052904A** **Date of Receipt:** **February 09, 2019**

**Testing Location:** **TÜV Rheinland Nederland B.V.**  
Eiberkamp 10  
9351VT Leek

**Test Specification:** FCC 47 CFR Part 15, Subpart C, Section 15.247 (10-1-18 Edition)  
RSS-Gen (Issue 5, April 2018) and RSS-247 (Issue 2, February 2017)  
ANSI C63.10-2013

**Test Result:** *The test item passed the test specification(s).*

**Testing Laboratory:** **TÜV Rheinland Nederland B.V.**  
Eiberkamp 10  
9351 VT Leek

**Tested by:**



**Reviewed by:**



2019-04-25 R. van der Meer / Inspector

2019-04-25 E. van der Wal / Reviewer

Date Name/Position Signature

Date Name/Position Signature

**Other Aspects:-.**

**Abbreviations:**

P(pass)	=	passed
F(fail)	=	failed
N/A	=	not applicable
N/T	=	not tested

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**TÜV Rheinland Nederland B.V.**  
The test results relate only to the item(s) tested.

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## **TEST SUMMARY**

### **5.1.1 20 dB AND 99% BANDWIDTH**

**RESULT: PASS**

### **5.1.2 RADIATED SPURIOUS EMISSIONS OF TRANSMITTER**

**RESULT: PASS**

### **5.2.1 AC POWER LINE CONDUCTED EMISSION OF TRANSMITTER**

**RESULT: Pass**

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## 1. General Remarks

### 1.1 Complementary Materials

There is no attachment to this test report.

## 2. Test Sites

### 2.1 Test Facilities

The Federal Communications Commission and Industry Canada has reviewed the technical characteristics of the test facilities at TÜV Rheinland Nederland B.V., located in Leek, 9351VT Eiberkamp 10, The Netherlands, and has found these test facilities to be in compliance with the requirements of 47 CFR Part 15, section 2.948.

The description of the test facilities has been filed at the Office of the Federal Communications Commission under registration number 786213. The facility has been added to the list of laboratories performing these test services for the public on a fee basis.

The description of the test facilities has been filed to Industry Canada under registration number 2932G-2. The facility has been added to the list of laboratories performing these test services for the public on a fee basis.

Normal test conditions:

Temperature (\*) : +15°C to +35°C

Relative humidity(\*) : 20 % to 75 %

Supply voltage : 120 VAC.

(\*)When it was impracticable to carry out the tests under these conditions, a note to this effect stating the ambient temperature and relative humidity during the tests are stated separately.

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## 2.2 List of Test and Measurement Instruments

**Table 1: List of Test and Measurement Equipment**

Kind of Equipment	Manufacturer	Model Name	Inventory number	Calibration date (mm/yyyy)	Calibration due date (mm/yyyy)
<b>For Radiated Emissions</b>					
Measurement Receiver	Rohde & Schwarz	ESCI	A00314	03-29/2018	03-29/2019
RF Cable S-AR	Gigalink	APG0500	A00447	03-4th/2019	03-4th/2020
Controller	Maturo	SCU/088/8090811	A00450	N/A	N/A
Controller	EMCS	DOC202	A00257	N/A	N/A
Test facility	Comtest	FCC listed: 786213 IC: 2932G-2	A00235	10/2017	10/2020
Spectrum Analyzer	Rohde & Schwarz	FSV	A00337	07/2018	07/2019
Antenna mast	EMCS	AP-4702C	A00258	N/A	N/A
Temperature-Humiditymeter	Extech	SD500	A00444	06/2018	06/2019
Guidehorn 1-18 GHz	EMCO	3115	A00008	12/2017	12/2020
Guidehorn 18-40 GHz	EMCO	RA42-K-F-4B-C	A00012	01/2018	01/2021
Biconilog Testantenna	Teseq	CBL 6111D	A00466	11/2018	11/2019
2.4 GHz bandreject filter	BSC	XN-1783	A00065	N/A	N/A
Bandpass filter 4-10 GHz	Reactel	7AS-7G-6G-511	A00131	N/A	N/A
Bandpass filter 10-26 GHz	Reactel	9HS-10G/26.5G-S11	A00151	N/A	N/A
Preamplifier 0.5 - 18 GHz	Miteq	AMF-5D-005180-28-13p	A00247	N/A	N/A
Filterbox	EMCS	RFS06S	A00255	04/2018	04/2019

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Kind of Equipment	Manufacturer	Model Name	Inventory number	Calibration date (mm/yyyy)	Calibration due date (mm/yyyy)
<b>For AC Powerline Conducted Emissions</b>					
Pulse limiter	R&S	ESH3-Z2	A00051	11/2018	11/2019
Variac	RFT	LSS020	A00171	NA	NA
LISN	R&S	ESH2-Z5	A00354	06/2018	06/2020
Measurement Receiver	Rohde & Schwarz	ESCS30	2789421 (A00726)	06/2018	06/2019
RF Cable	-	-	A01844	NA	NA
Shielded room for Conducted emissions	--	--	A00437	NA	NA
Temperature-Humidity meter	Extech	SD500	A00441	06/2018	06/2019

Conformance of the used measurement and test equipment with the requirements of ISO/IEC 17025:2005 has been confirmed before testing. NA= Not Applicable

## 2.3 Measurement Uncertainty

**Table 2: Emission Measurement Uncertainty**

Measurement Type	Frequency	Uncertainty
Radiated Emission	150kHz - 30MHz	±5.0dB
	30MHz - 1GHz	±5.22dB
	> 1GHz	±5.22dB
AC Power Line Conducted Emissions	150kHz - 30MHz	±3.6dB

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### 3. General Product Information

#### 3.1 Product Function and Intended Use

The brand Tacx model T8000D, hereafter referred to as EUT, is an ANT+ transmitter used in a display unit for an Interactive Smart Trainer with Electric Motor Brake for bicycles to transmit performance data to PC, Tablet or smartphone. The transmitter will support and utilizes GFSK modulation techniques. Although the chip used is capable of multiple data-rates only 1 Mbps is used. The EUT also contains a Digital Transmission System (DTS) operating in the frequencyband 2403-2480 MHz, based on BLE technology. The BLE transceiver is covered in a separate test report.

The content of this report and measurement results have not been changed other than the way of presenting the data.

#### 3.2 System Details

Details and an overview of the system and all of its components, as it has been tested, may be found below.

Manufacturer	:	Tacx b.v.
Brand	:	Tacx
Model(s)	:	T8000D
Voltage input rating	:	5 Vdc (through AUX2)
Voltage output rating	:	--
Current input rating	:	--
Antenna	:	Internal, integrated on the PCB
Antenna Gain	:	+ 2.0 dBi
Operating frequency	:	2403 MHz-2480 MHz.
Modulation	:	GFSK
Data-rate	:	1 Mbps
Remarks	:	n.a.

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**Table 3: Interfaces present on the EUT**

There are no interface ports present on the EUT.

**3.3 Countermeasures to achieve compliance**

No additional measures were employed to achieve compliance.

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## **4. Test Set-up and Operation Modes**

### **4.1 Test Methodology**

The test methodology used is based on the requirements of RSS-GEN, 47 CFR Part 15, Sections 15.31, 15.33, 15.35, 15.205, 15.207, 15.209, 15.249.

The test methods, which have been used, are based on ANSI C63.10-2013.

### **4.2 Operation Modes**

Testing was performed at the lowest operating frequency (2403 MHz), at the operating frequency in the middle of the specified frequency band (2442 MHz) and at the highest operating frequency (2480 MHz). These operation modes were selected after review of the capabilities and characteristics of the EUT. The test software as mentioned in section 4.4 enabled the settings of these modes.

The EUT has been tested in the modes as described in table below

Operation Mode	EUT Status	Frequency (MHz)	TX power control setting
Transmit (Tx)	On	2403	1
Transmit (Tx)	On	2442	1
Transmit (Tx)	On	2480	1

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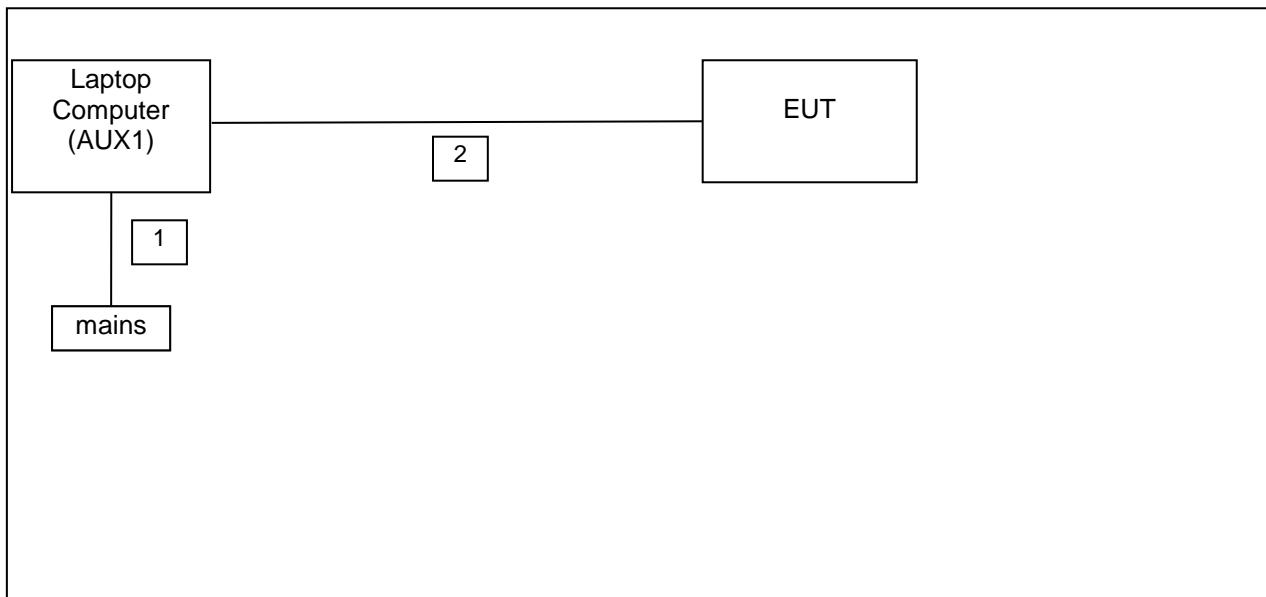
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### 4.3 Physical Configuration for Testing

For programming purposes only the EUT was connected to the usb port of a laptop computer. The laptop computer was used to configure the EUT to continuously transmit at a specified output power and channel as specified in the test data. See section 4.5 for Auxiliary details.

The justification and manipulation of cables and equipment in order to simulate a worst-case behavior of the test setup has been carried out as prescribed in ANSI C63.10-2013.

**Figure 1a: Test Setup Diagram –programming.**



No.	Port	From	To	Remarks
1.	Mains	Mains	Laptop (AUX1)	Through a power supply
2.	Data com.	Laptop USB	EUT	--

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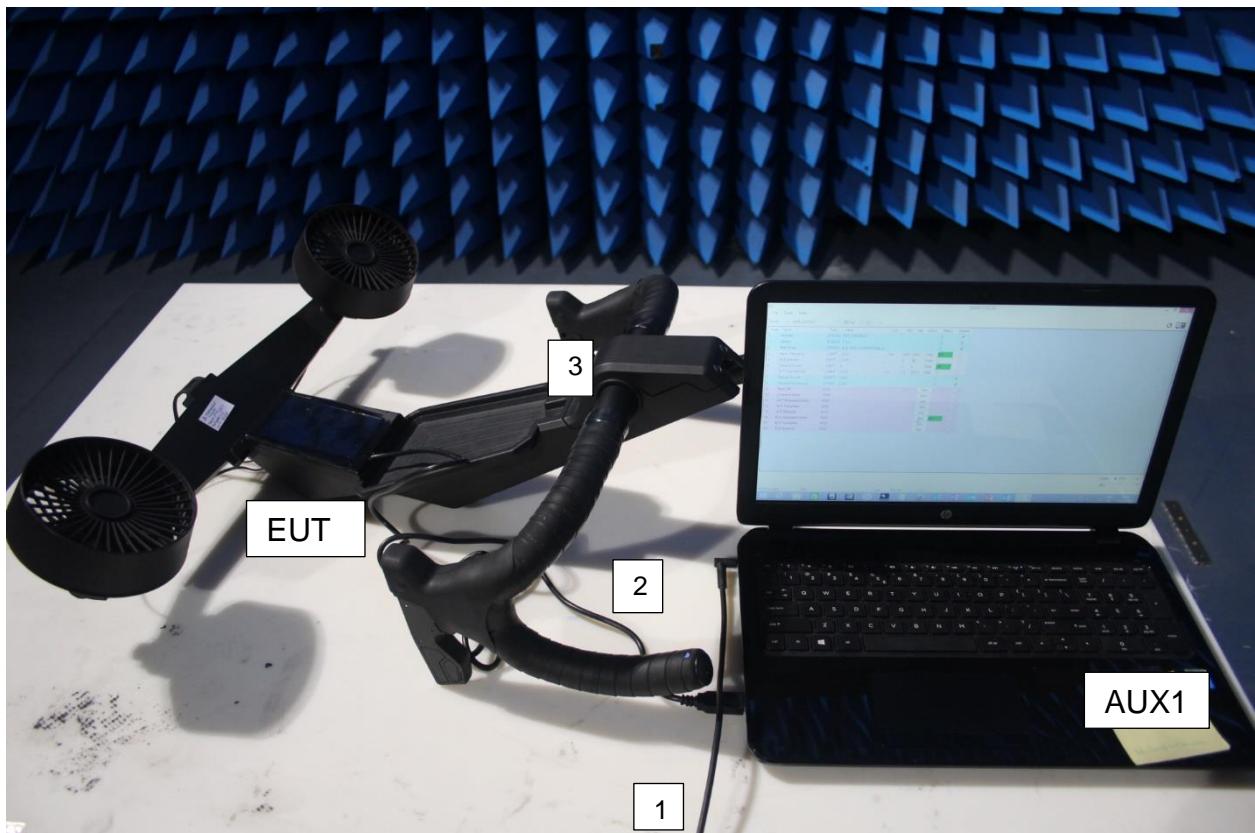


Figure 2: Test Setup Photos – radiated tests and programming

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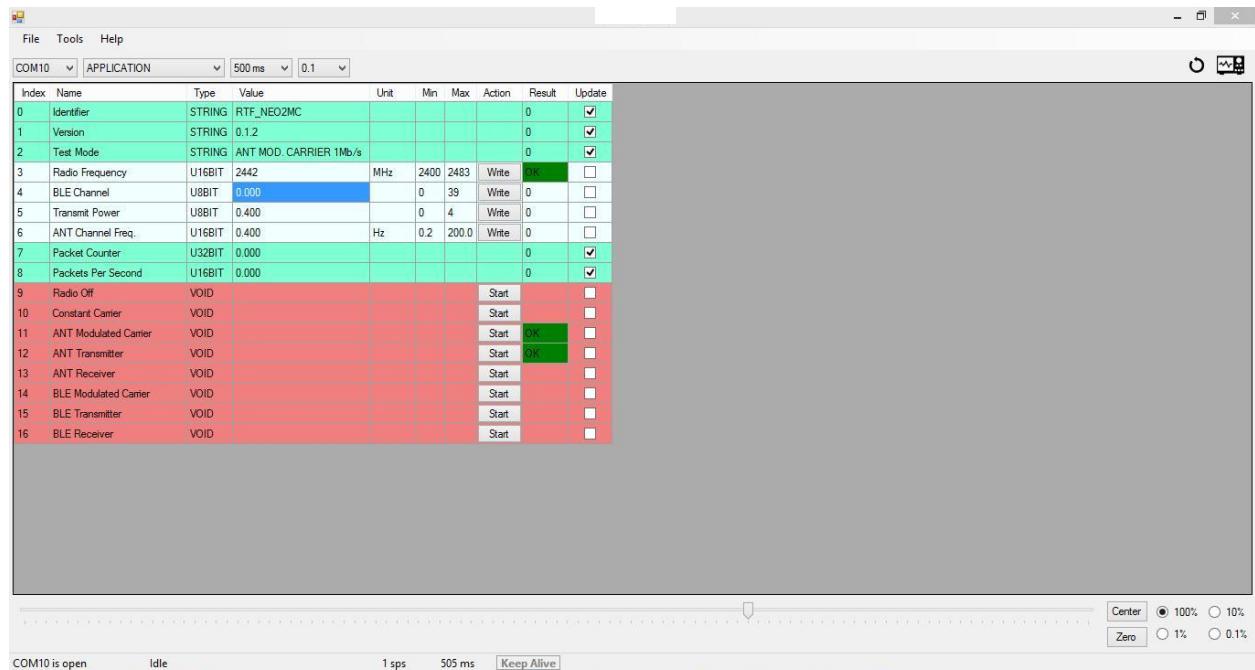
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#### 4.4 Test Software

A continuous transmit mode could be initiated by using test software as supplied by the applicant. The test software was used to define various different operational modes of the EUT for the purpose of compliance testing. The version of the test software, as supplied by the applicant and used during all tests is:

Test software : RASP v2.0.20

This software was running on a laptop computer (AUX1). It was used to enable the test operation modes listed in section 4.2 as appropriate.



Screenshot of the software as used on AUX1

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## **4.5 Special Accessories and Auxiliary Equipment**

The product has been tested together with the following additional accessories:

The auxiliary items were not used during testing, but instead are only used to make the required settings for testing. For setting the transmit frequency, enable modulation etc.

1. AUX1  
Product: Laptop Computer  
Brand: HP  
Model: J3T34EA#ABH  
Serial Number: CND424BVDG  
Remark: host for test software, property applicant



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## 5. Test Results

### 5.1.1 20dB and 99% Bandwidth

**RESULT: PASS**

Date of testing: 2019-04-03

Requirements:

For 99% Bandwidth: RSS-Gen Section 4.6.1: No requirement is given.

Test procedure 20dB bandwidth:

ANSI C63.10-2013

For 99% Bandwidth:

RSS-Gen.

The transmitter shall be operated at its maximum carrier power measured under normal test conditions. The span of the analyzer shall be set to capture all products of the modulation process, including the emission sideskirts. The resolution bandwidth shall be set as close to 1% of the selected span as is possible without being below 1%. The video bandwidth shall be set to 3 times the resolution bandwidth. Video averaging is not permitted. Where practical, a sampling detector shall be used given that a peak or peak hold may produce a wider bandwidth than actual.

A spectrum analyzer was connected to the antenna port of the EUT. The spectrum analyzer resolution bandwidth was set to 1% of the selected span, Video bandwidth was set to 3 times the resolution bandwidth. The span was set to capture the whole modulation process. The Spectrum analyzers automated function for 99% BW was used.  
Measurement uncertainty is +/- 26kHz.

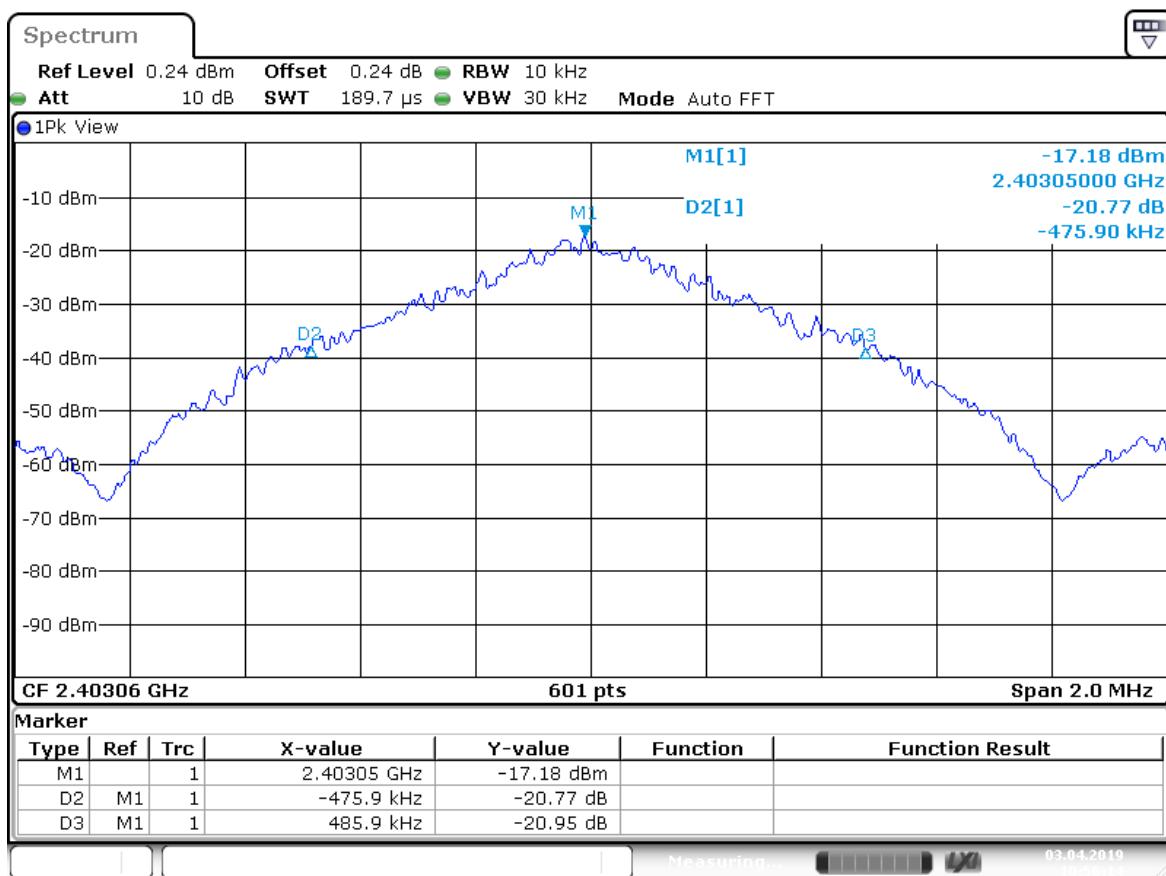
Plots A1,B1 and C1 shown on the next pages are of the 20 dB bandwidth.  
Plots A2,B2 and C2 shown on the next pages are of the 99% bandwidth

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Operating Frequency [MHz]	99% Bandwidth [kHz]	20 dB Bandwidth [kHz]	Plot number
2403	921.8	961.8	A1/A2
2440	918.5	933.2	B1/B2
2480	918.5	938.4	C1/C2



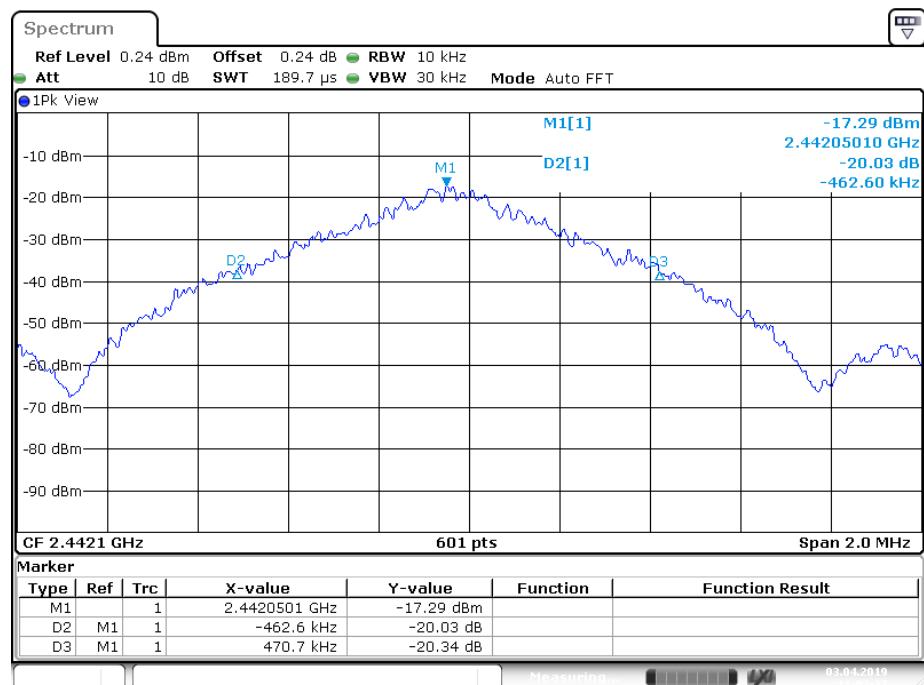
Date: 3 APR 2019 10:56:13

Plot A1

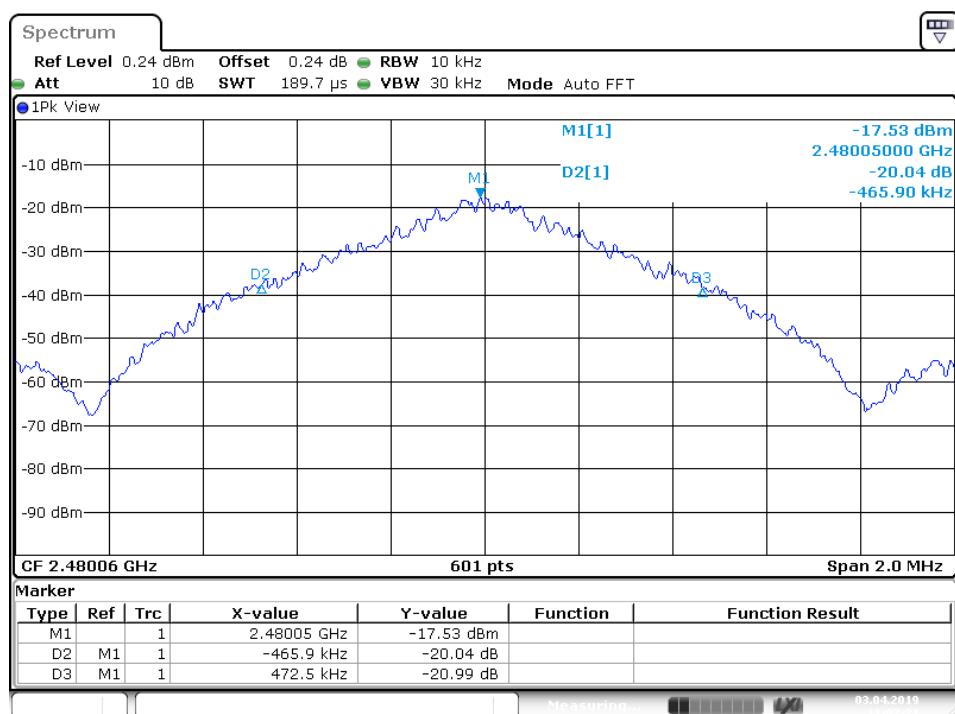
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Plot B1

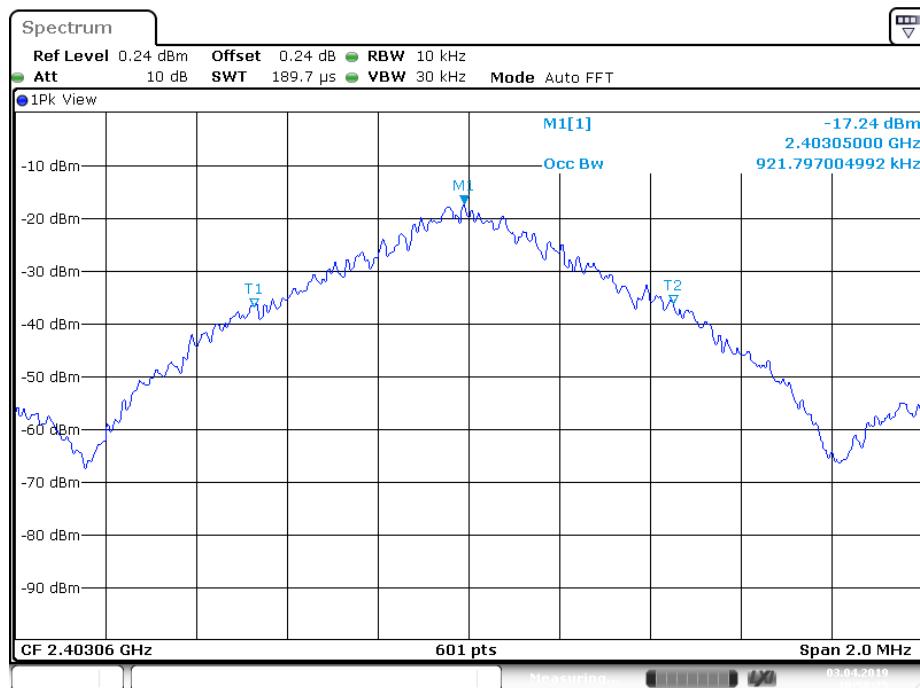


Plot C1

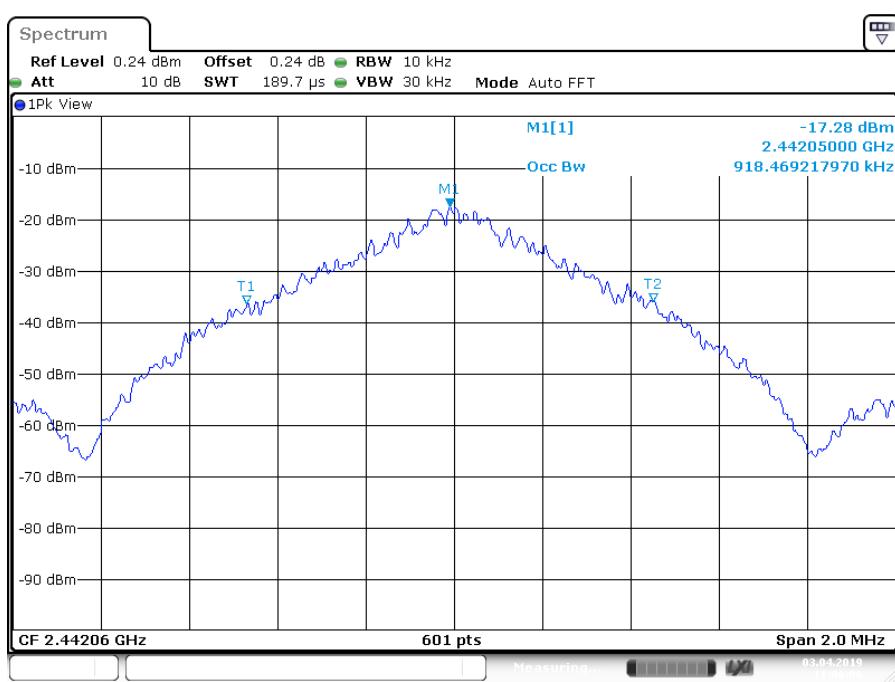
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Plot A2

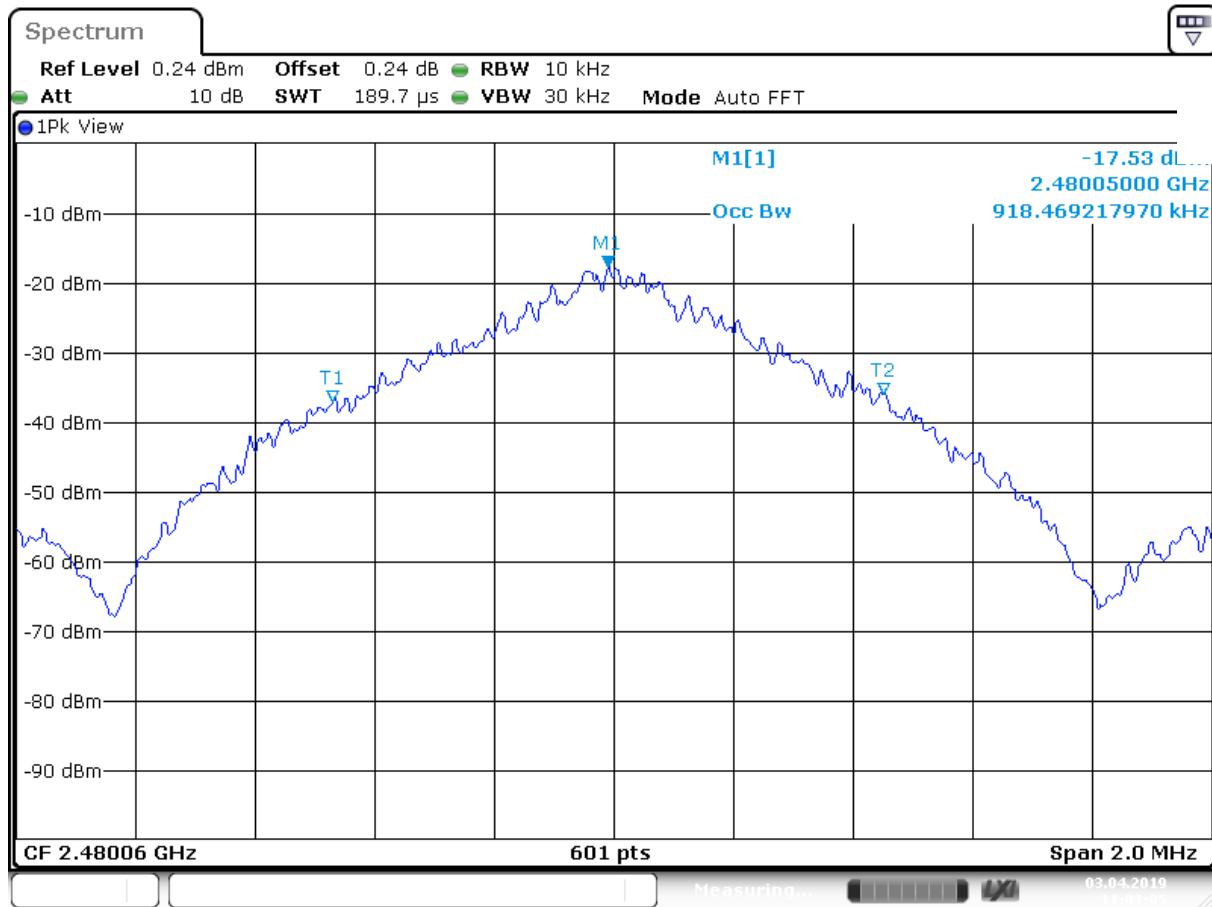


Plot B2

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Date: 3 APR 2019 11:01:05

Plot C2

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## 5.1.2 Radiated Spurious Emissions of Transmitter

**RESULT: PASS**

Date of testing: 2019-03-27

Frequency range: 30MHz - 25GHz

Requirements:

FCC 15.209 and RSS-Gen

Radiated emissions which fall outside the operation frequency band and outside restricted bands shall either meet the limit specified in FCC 15.209(a) or be attenuated at least 50dB below the power level (the less severe limit applies).

Radiated emissions which fall in the restricted bands, as defined in FCC 15.205(a) and RSS-Gen Table 6, must comply with the radiated emission limits specified in FCC 15.209(a) and RSS-Gen Table 4.

Test procedure:

ANSI C63.10-2013

The EUT was placed on the test site turntable. Before final measurements of radiated emissions were performed, the EUT was scanned to determine its emission spectrum profile. The physical arrangement of the test system, the associated cabling were varied in order to ensure that maximum emission amplitudes were attained.

The spectrum was examined from 30MHz to the 10th harmonic of the highest fundamental transmitter frequency (25GHz). Final radiated emission measurements were made at 3m distance.

At each frequency where a spurious emission was found, the EUT was rotated 360° and the antenna was raised and lowered from 1 to 4m in order to determine the emission's maximum level. Measurements were taken using both horizontal and vertical antenna polarizations.

The highest emission amplitudes relative to the appropriate limit were recorded in this report. Field strength values of radiated emissions at frequencies not listed in the tables are more than 20 dB below the applicable limit. Where Peak (Pk) values were at least 6 dB under the Average (Av) limits, Av value was not tested. Where Average values were tested, Average values were measured using at least 10kHz Video Bandwidth.

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### Radiated Emissions, 30MHz - 1GHz

Frequency [MHz]	Antenna Orientation	Level QP [dB $\mu$ V/m]	Limit QP [dB $\mu$ V/m]	Verdict [Pass/Fail]
48.00	Vertical	33.1	40.0	Pass
96.00	Horizontal	31.8	43.5	Pass
143.4	Vertical	20.0	46.0	Pass
191.3	Vertical	28.2	46.0	Pass
457.7	Horizontal	36.0	46.0	Pass
800-960 noise	Vertical	28.2	46.0	Pass

Notes: - Level QP = Reading QP + Factor

- Tested in modes as described in section 4.2, the 6 highest values noted.

Preliminary measurements indicated that the radiated emissions from EUT were not affected by the EUT's operating mode or frequency.

- \*<sup>R</sup> refers to a frequency in a restricted band

- Quasi Peak detector used with a bandwidth of 120 kHz.

- Measurement uncertainty is +/- 5.22 dB.

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**Radiated Emissions, 1 - 25GHz, 2403 MHz.**

Frequency [MHz]	Antenna Orientation	Detector	Bandwidth (MHz)	Level [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Result
2403 Fundamental	Horizontal	Pk	1	86.5	94 Av 114 Pk	Pass
1919	Vertical	Pk	1	49.9	54 (Av) 74 (Pk)	Pass
2667	Vertical	Pk	1	53.0	54 (Av) 74 (Pk)	Pass
3172	Vertical	Pk	1	47.7	54 (Av) 74 (Pk)	Pass
4806 <sup>TH</sup>	Vertical	Pk	1	53.6 Pk 49.3 Av	54 (Av) 74 (Pk)	Pass
4851	Vertical	Pk	1	52.5 Pk 47.5 Av	54 (Av) 74 (Pk)	Pass

**Radiated Emissions, 1 - 25GHz, 2442 MHz.**

Frequency [MHz]	Antenna Orientation	Detector	Bandwidth (MHz)	Level [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Result
2442 fundamental	Horizontal	Pk	1	81.4	94 (Av) 114 (Pk)	Pass
1080	Vertical	Pk	1	40.1	54 (Av) 74 (Pk)	Pass
1333	Vertical	Pk	1	43.9	54 (Av) 74 (Pk)	Pass
1828.7	Vertical	Pk	1	44.3	54 (Av) 74 (Pk)	Pass
2666	Vertical	Pk	1	48.8	54 (Av) 74 (Pk)	Pass
4883 <sup>TH</sup>	Horizontal	Pk	1	53.3 Pk 50.0 Av	54 (Av) 74 (Pk)	Pass

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### Radiated Emissions, 1 - 25GHz, 2480 MHz.

Frequency [MHz]	Antenna Orientation	Detector	Bandwidth (MHz)	Level [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Result
2480 fundamental	Horizontal	Pk	1	78.3	94 (Av) 114 (Pk)	Pass
1172.5	Vertical	Pk	1	52.9	54 (Av) 74 (Pk)	Pass
1819.3	Vertical	Pk	1	53.7	54 (Av) 74 (Pk)	Pass
2219.7	Vertical	Pk	1	55.8 Pk 45.0 Av	54 (Av) 74 (Pk)	Pass
2611	Vertical	Pk	1	58.7 Pk 32.7 Av	54 (Av) 74 (Pk)	Pass
4960*H	Horizontal	Pk	1	50.8 Pk 49.6 Av	54 (Av) 74 (Pk)	Pass
11404*H	Horizontal	Pk	1	54.7 Pk 52.8 Av	54 (Av) 74 (Pk)	Pass

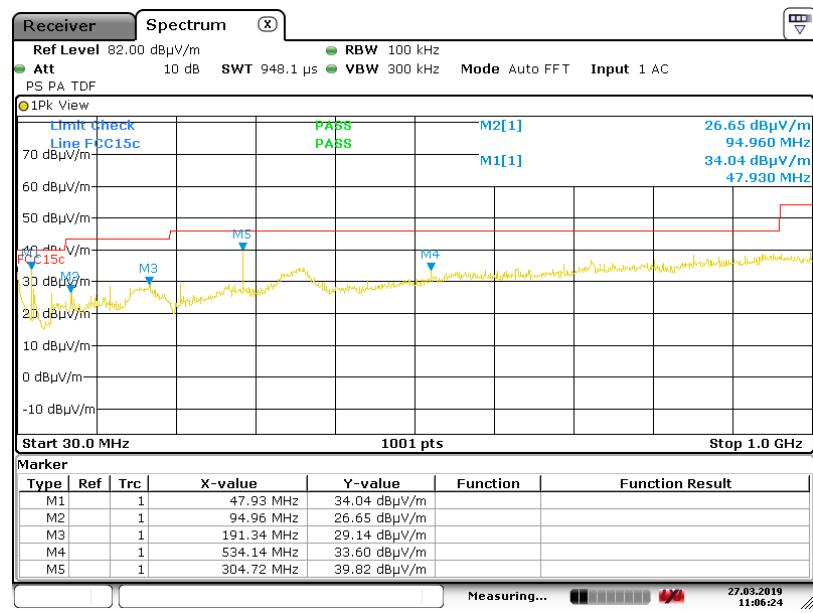
Notes: - \*R refers to a frequency in a restricted band,  
- \*H refers to a frequency which is a harmonic of the fundamental.  
- Field strength values of radiated emissions not listed in the tables above are  
more than 20 dB below the applicable limit.  
- Measurement uncertainty is +/- 5.5 dB.  
- a selection of plots is provided on the next pages

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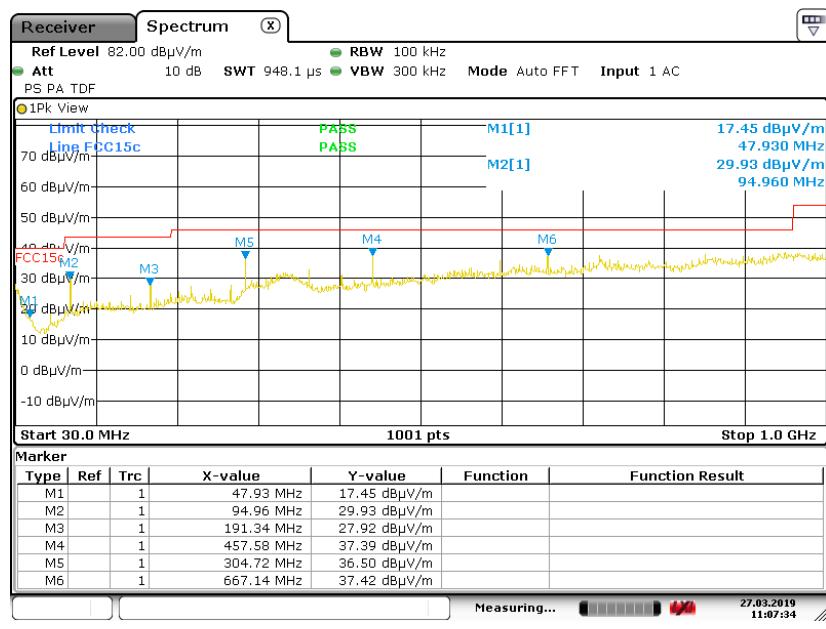
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## Plots of the radiated emissions



Date: 27.MAR.2019 11:06:24

Plot of the emissions 30 -1000 MHz range, at 2403 MHz, EUT Horizontal, Antenna Horizontal polarization, Peak values shown



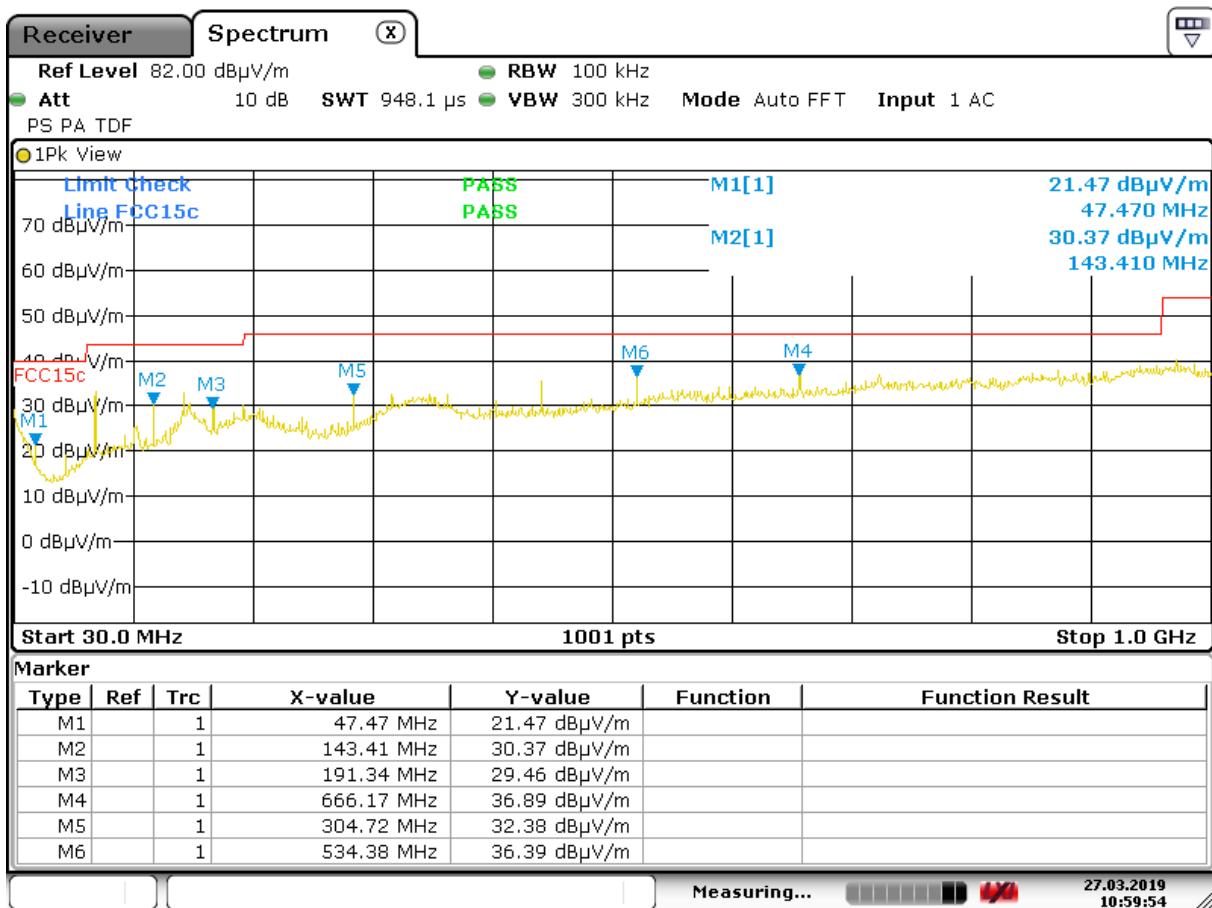
Date: 27.MAR.2019 11:07:34

Plot of the emissions 30 -1000 MHz range, at 2442 MHz, EUT Horizontal, Antenna Horizontal polarization, Peak values shown

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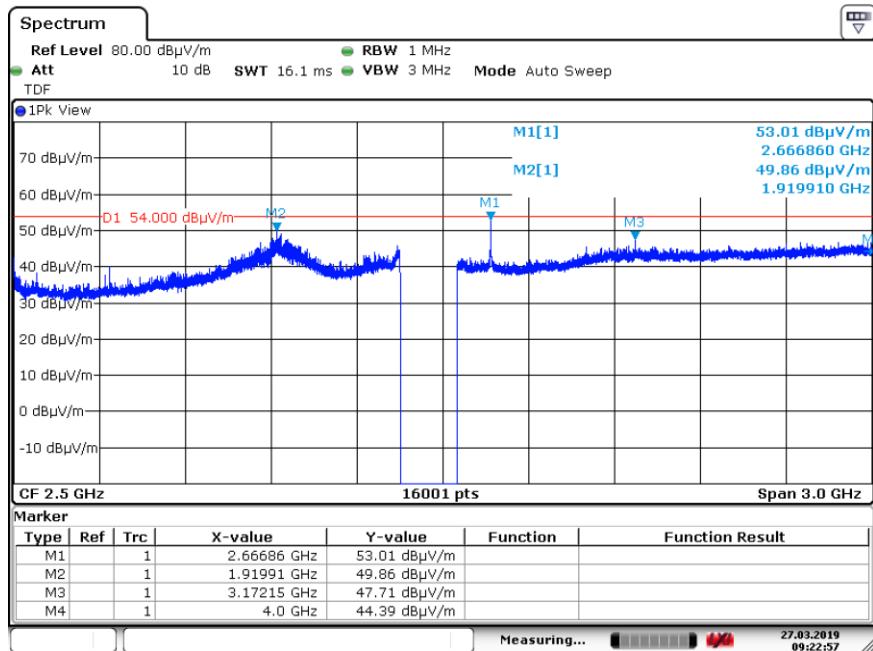
Date: 27.MAR.2019 10:59:54

Plot of the emissions 30 -1000 MHz range, at 2480 MHz, EUT Horizontal, Antenna Horizontal polarization, Peak values shown

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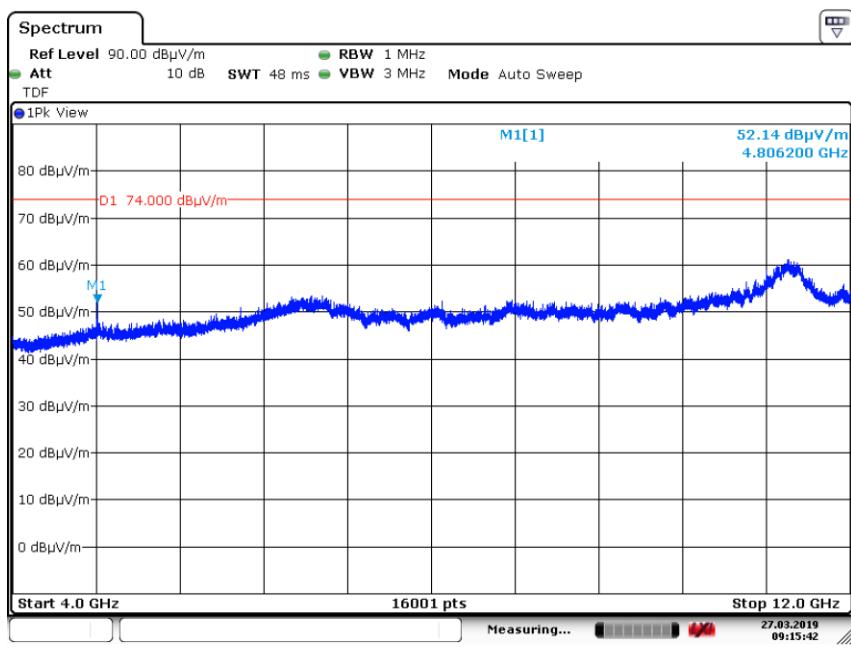
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Date: 27.MAR.2019 09:22:57

Plot of the emissions at 2403 MHz in the range 1 – 4 GHz, EUT Horizontal, Antenna Vertical polarization, Peak values shown. (gap in the plot is of the used 2.4 GHz Notch filter).



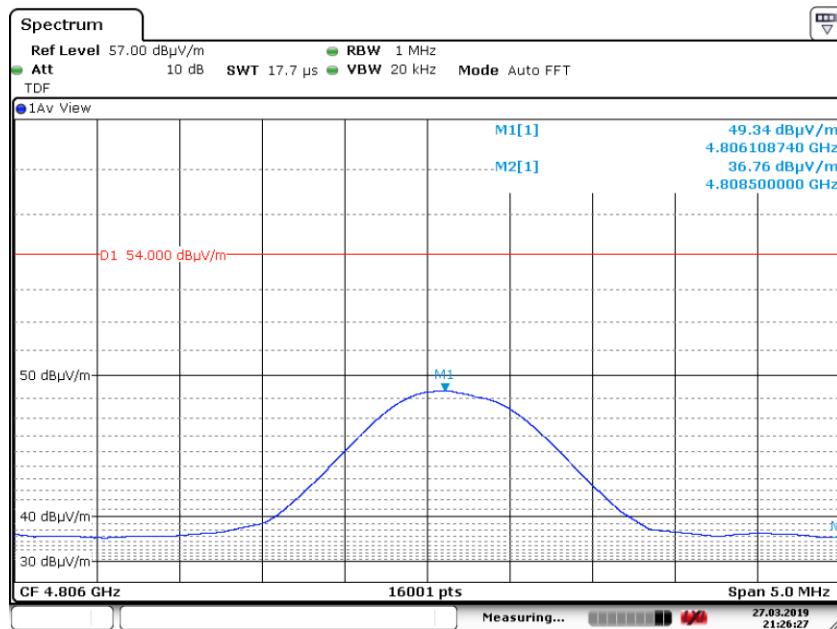
Date: 27.MAR.2019 09:15:42

Plot of the emissions at 2403 MHz in the range 4 – 12 GHz, EUT Horizontal, Antenna Horizontal, Peak values shown

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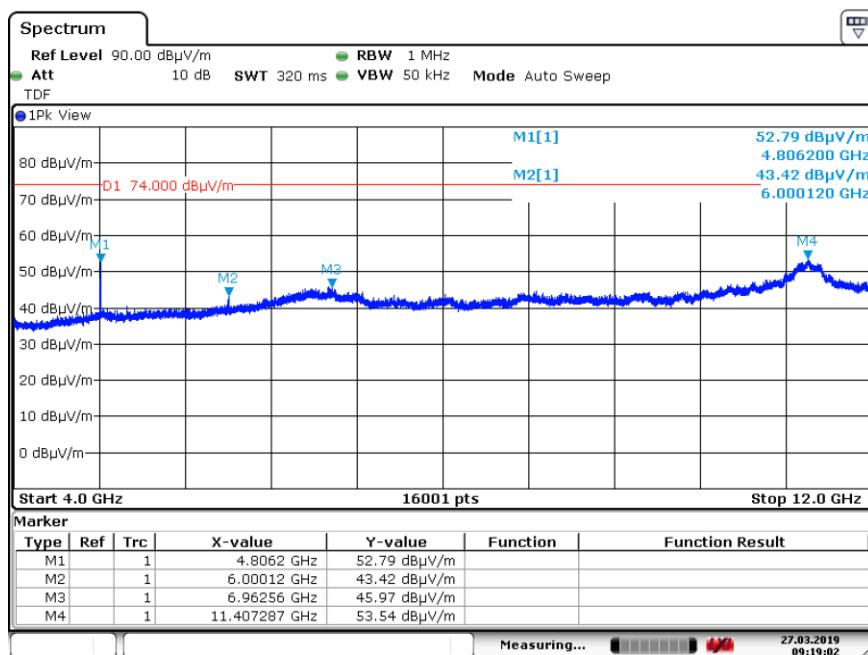
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Date: 27.MAR.2019 21:26:26

Plot of the emissions at 2403 MHz, EUT Horizontal, Antenna Horizontal, Average value at 4.8 GHz shown



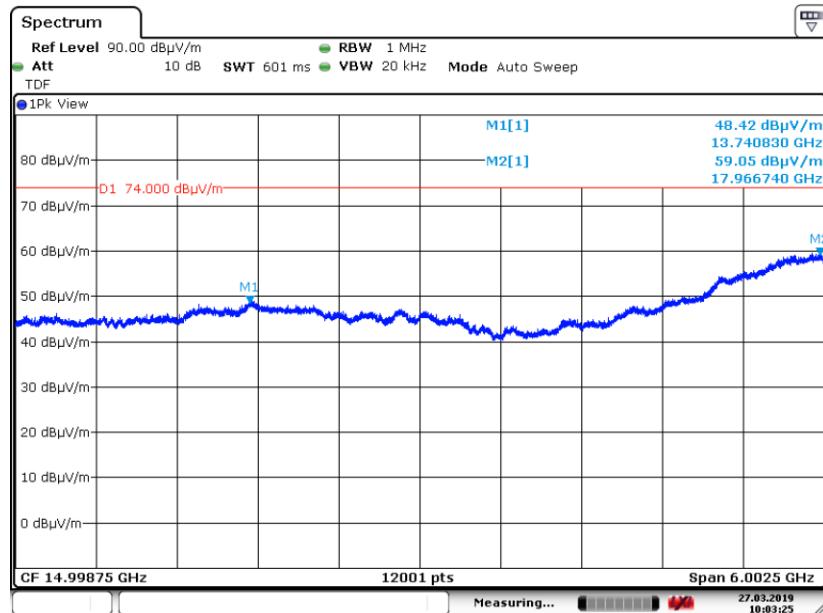
Date: 27.MAR.2019 09:19:01

Plot of the emissions at 2403 MHz in the range 4 – 12 GHz, EUT Horizontal, Antenna Vertical, Peak values shown (Reduced Video Bandwidth used)

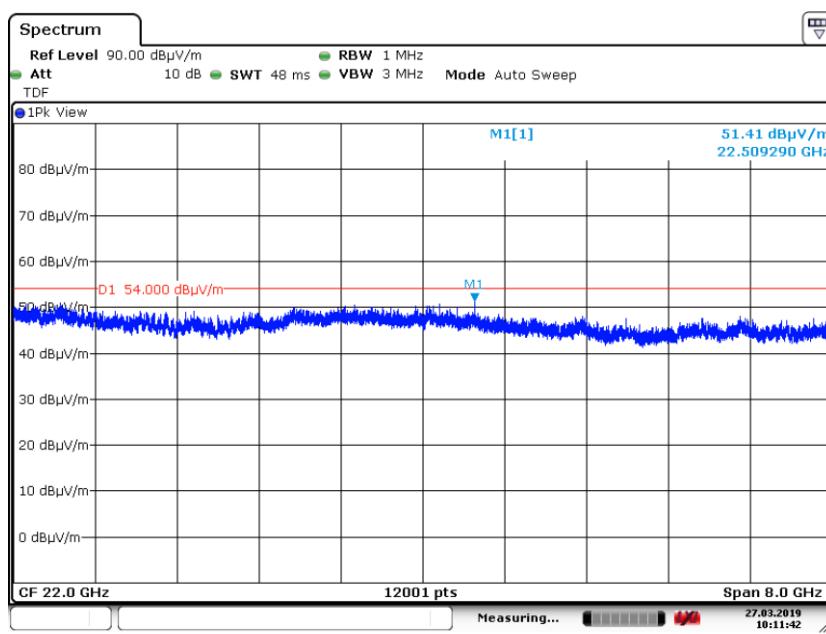
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Plot of the emissions at 2403 MHz in the range 12 – 18 GHz, EUT Horizontal, vertical polarization, Peak values shown. (Reduced Video Bandwidth used)

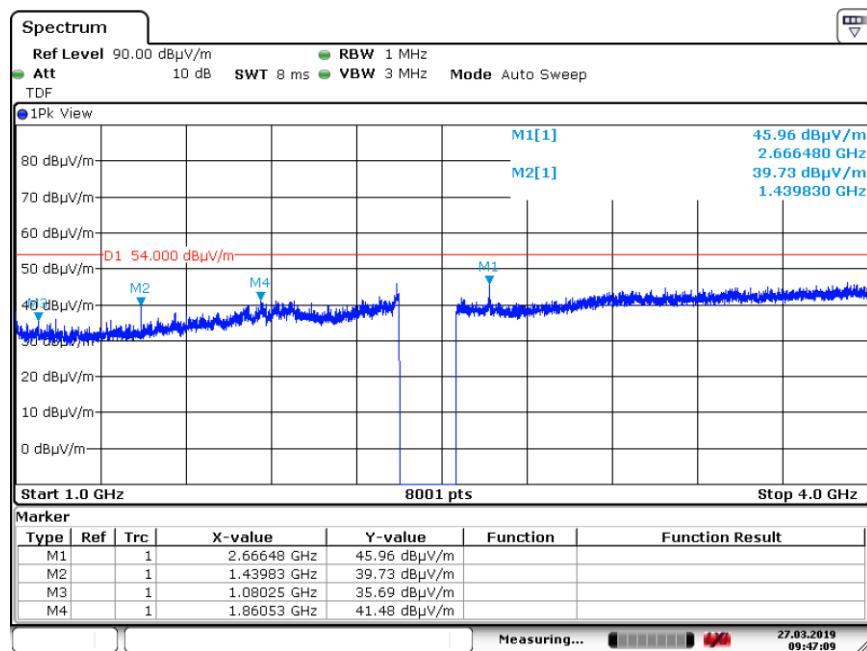


Plot of the emissions at 2403 MHz in the range 18 – 25 GHz, EUT Horizontal, vertical polarization, Peak values shown. (Reduced Video Bandwidth used)

Test Report No.:

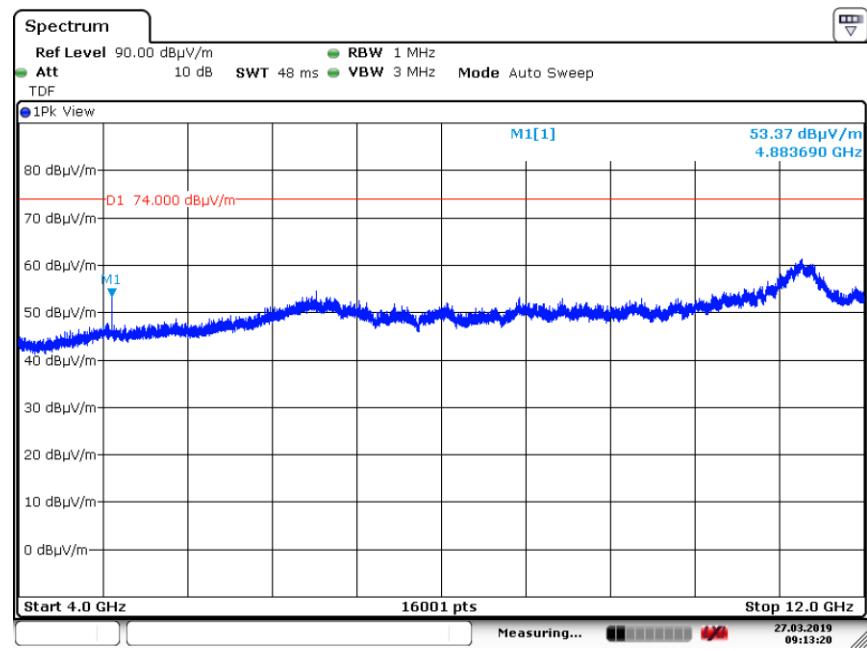
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Date: 27.MAR.2019 09:47:09

Plot of the emissions at 2442 MHz in the range 1 – 4 GHz, EUT vertical, horizontal polarization, Peak values shown. (gap in the plot is of the used 2.4 GHz Notch filter).



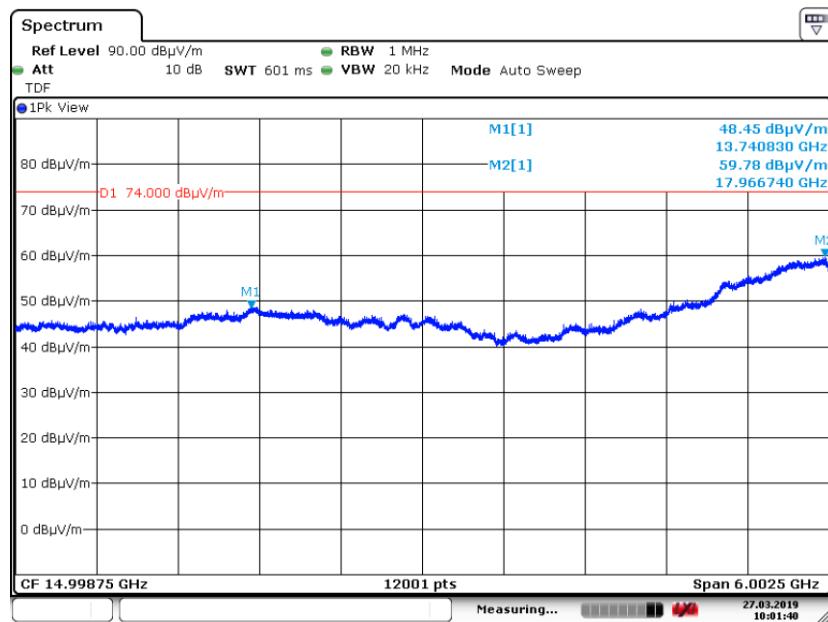
Date: 27.MAR.2019 09:13:20

Plot of the emissions at 2442 MHz in the range 4 – 12 GHz, EUT Horizontal, horizontal polarization, Peak values shown

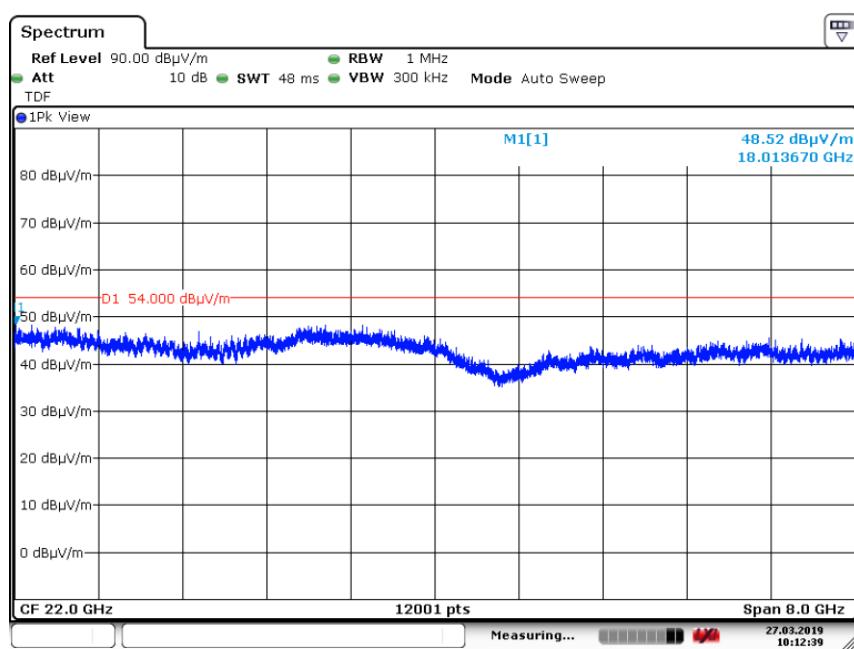
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Plot of the emissions at 2442 MHz in the range 12 – 18 GHz, EUT Vertical, Antenna Horizontal polarization, Peak values shown. (Reduced Video Bandwidth used)

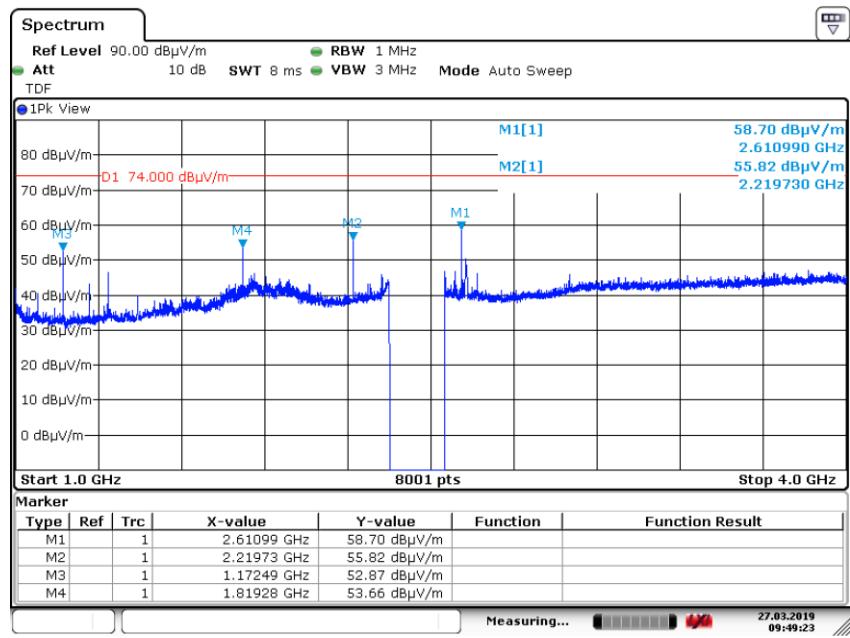


Plot of the emissions at 2442 MHz in the range 18 – 25 GHz, EUT vertical, Antenna vertical polarization, Peak values shown. (Reduced Video Bandwidth used)

Test Report No.:

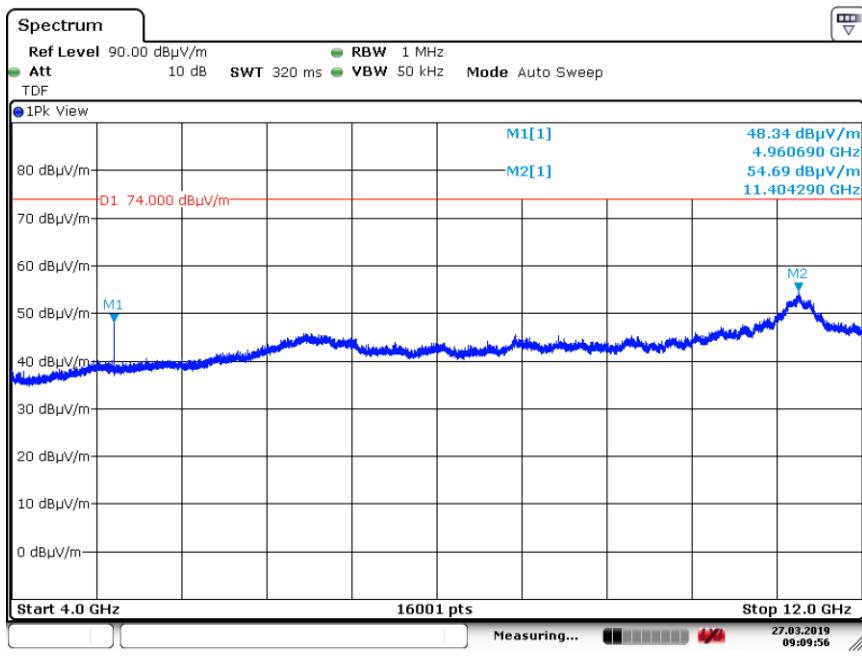
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Date: 27.MAR.2019 09:49:23

Plot of the emissions at 2480 MHz in the range 1 – 4 GHz, EUT vertical, Antenna vertical polarization, Peak values shown. (gap in the plot is of the used 2.4 GHz Notch filter).



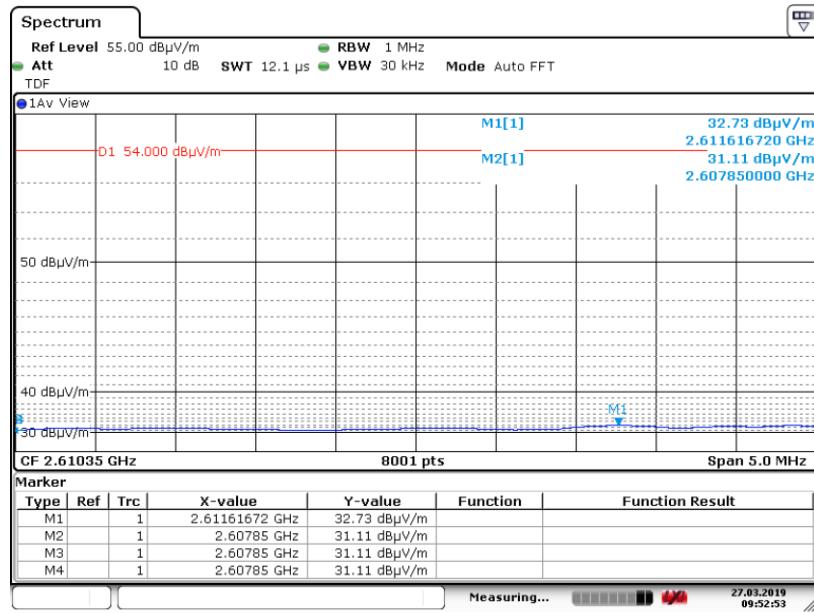
Date: 27.MAR.2019 09:09:56

Plot of the emissions at 2480 MHz in the range 4 – 12 GHz, Vertical polarization, Peak values shown (reduced VBW)

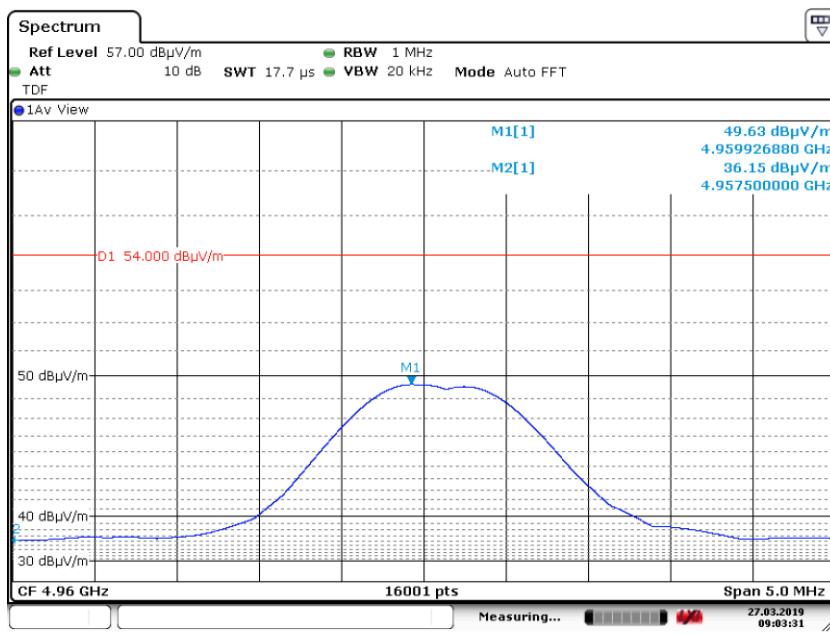
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Plot of the emissions at 2480 MHz in the range 1 – 3 GHz, EUT Vertical, Antenna Vertical polarization, Average value at 2.6 GHz shown.

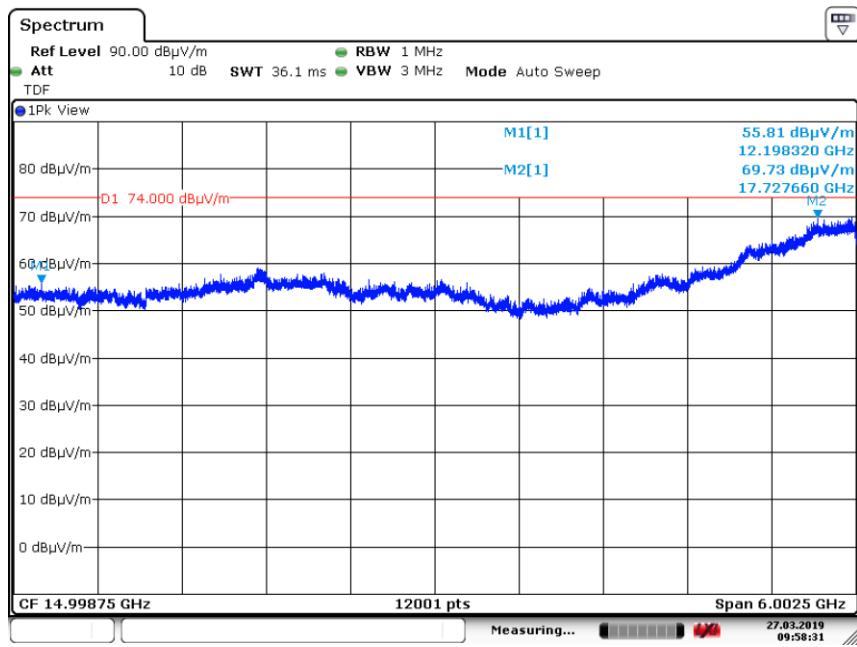


Plot of the emissions at 2480 MHz in the range 4 – 12 GHz, EUT Horizontal, Antenna Horizontal, Average value at 4.96 GHz shown.

Test Report No.:

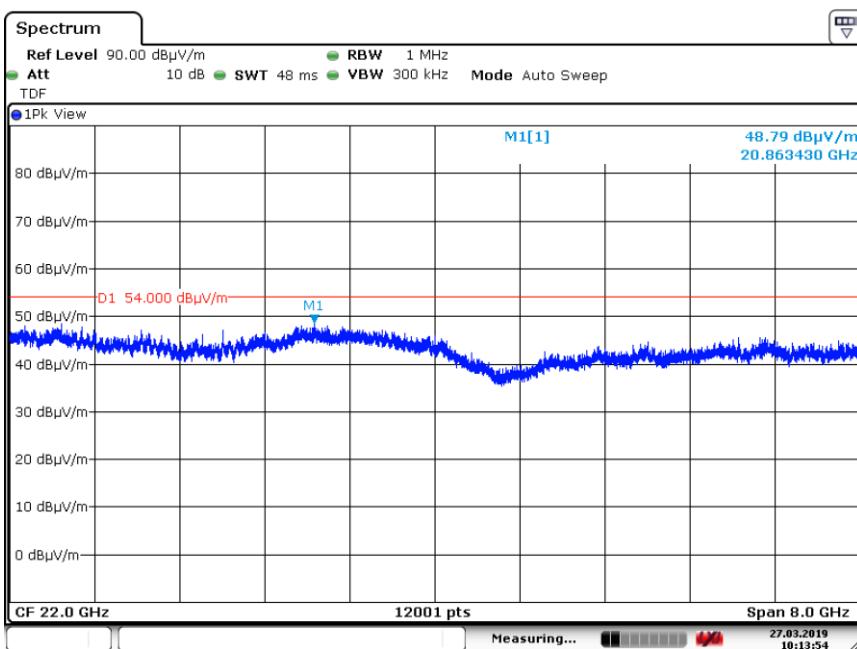
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Date: 27.MAR.2019 09:58:31

Plot of the emissions at 2480 MHz in the range 12 – 18 GHz, EUT Vertical, Antenna vertical polarization, Peak values shown. (Reduced Video Bandwidth used)



Date: 27.MAR.2019 10:13:54

Plot of the emissions at 2480 MHz in the range 18 – 25 GHz, vertical polarization, Peak values shown.

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## 5.2 AC Power Line Conducted Measurements

**RESULT: Pass.**

Date of testing: 2019-04-17

Requirements: for equipment that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies within the band 150 kHz to 30 MHz shall not exceed the limits in the following table, as measured using a 50  $\mu$ H/50 ohms line impedance stabilization network (LISN). Compliance with the provisions of this paragraph shall be based on the measurement of the radio frequency voltage between each power line and ground at the power terminal. The lower limit applies at the band edges.

Frequency of Emission (MHz)	Conducted Limit (dB $\mu$ V) Quasi-Peak	Conducted Limit (dB $\mu$ V) Average
0.15 – 0.5	66 to 56*	56 to 46*
0.5 – 5	56	46
5 - 30	46	50

\*Decreases with the logarithm of the frequency.

Test procedure:

ANSI C63.10-2013.

Each phase and neutral of the AC power line were measured with respect to ground. Measurements were performed using a 50  $\mu$ H / 50  $\Omega$  LISN. The frequency range from 150kHz to 30MHz was searched. The six highest EUT emissions relative to the limit were noted. The EUT is considered a floor-standing device. The EUT was positioned at least 80cm from the LISN. The power cable was routed over the non-conductive plate to the LISN. The EUT (Display) is tested in the Neo Bike, it's normal intended use. The results are of the whole system as the EUT (Display) is powered internally by the Neo Bike. The system is regarded as floor standing equipment and an isolation plate of thickness <12mm is used.

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### 5.2.1 AC Power Line Conducted Emission of Transmitter

Frequency (MHz)	Measurement results (dB $\mu$ V) L1		Measurement results (dB $\mu$ V) L2/Neutral		Limits (dB $\mu$ V)		Verdict (Pass/Fail)
	QP	AV	QP	AV	QP	AV	
0.1539	<40	<40	47.9	<40	66.0	56.0	Pass
0.1617	43.3	<40	<40	<40	65.5	55.5	Pass
0.2477	52.5	<40	<40	<40	61.8	51.8	Pass
0.2515	51.6	<40	<40	<40	61.8	51.8	Pass
0.2633	49.3	45.5	51.5	46.0	61.4	51.4	Pass
0.2906	48.7	<40	48.8	<40	60.5	50.5	Pass

The results of the AC power line conducted emission tests, carried out in accordance with 47 CFR Part 15 section 15.207(a) and RSS-Gen section 8.8, at the 120 Volts/ 60 Hz AC mains connection terminals of the power supply adapter (GST40) that connects to Neo Bike (which feeds the EUT), are depicted in the table above.

Notes:

1. The resolution bandwidth used was 9 kHz.
2. From pre-test the worst case configuration proved to be the normal operation mode wherein both DTS transmitter and Bluetooth were operational but not transmitting simultaneously.  
Worst case values noted.
3. Plots are provided on the next pages.

Test Report No.:

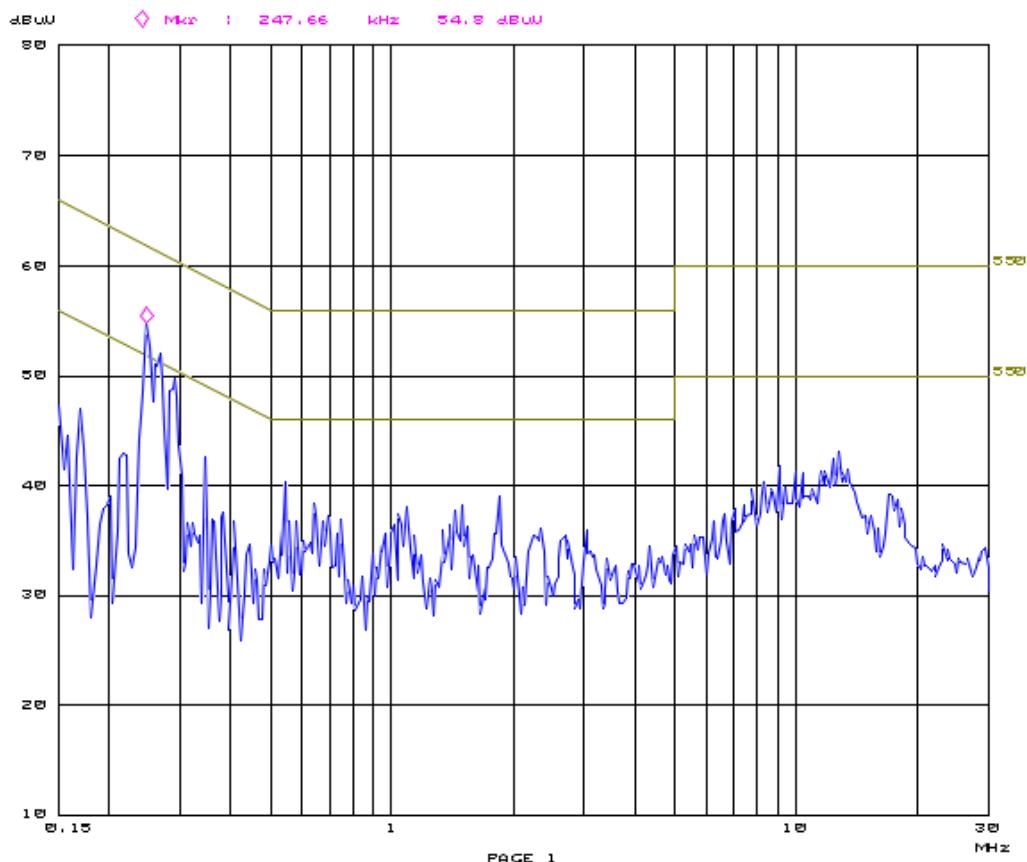
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## 5.2.2 Plots of the AC Power-line Conducted Emissions

17. Apr 19 11:51

Overview Scan Settings (1 Range)  
----- Frequencies ----- |----- Receiver Settings -----|  
Start Stop Stop IF BW Detector M-Time Atten Preamp  
150K 30M 3.9K 9K PK 0.10ms 20dB LN OFF



Plot of the AC Power-line Conducted emissions on L1, @2403 MHz

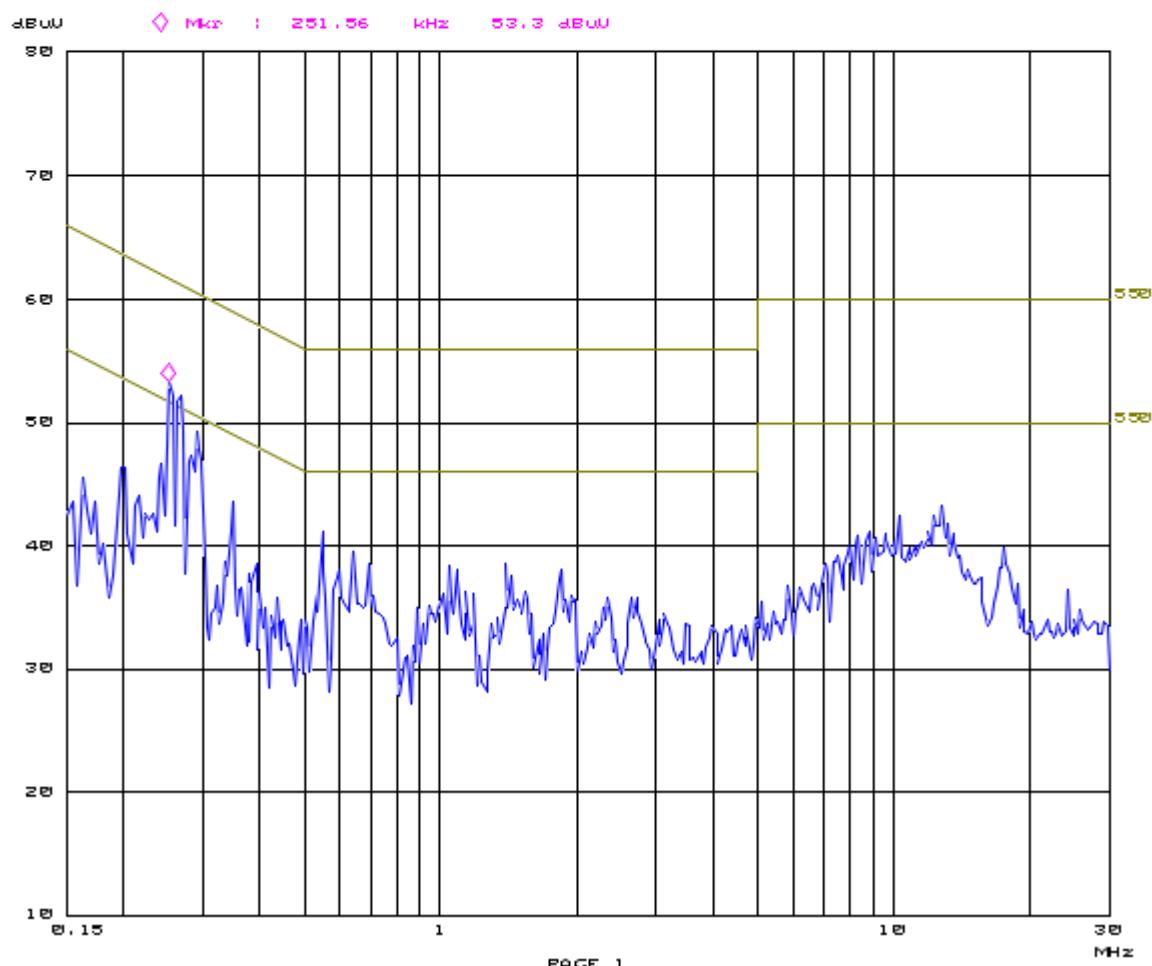
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17. Apr 19 11:45

Overview Scan Settings (1 Range)  
----- Frequencies ----- :----- Receiver Settings ----- :  
Start Stop Step IF BW Detector M-Time Atten Preamp  
150K 30M 3.9K 9K PK 0.10ms 20dB LN OFF



Plot of the AC Power-line Conducted emissions on N, @2480 MHz

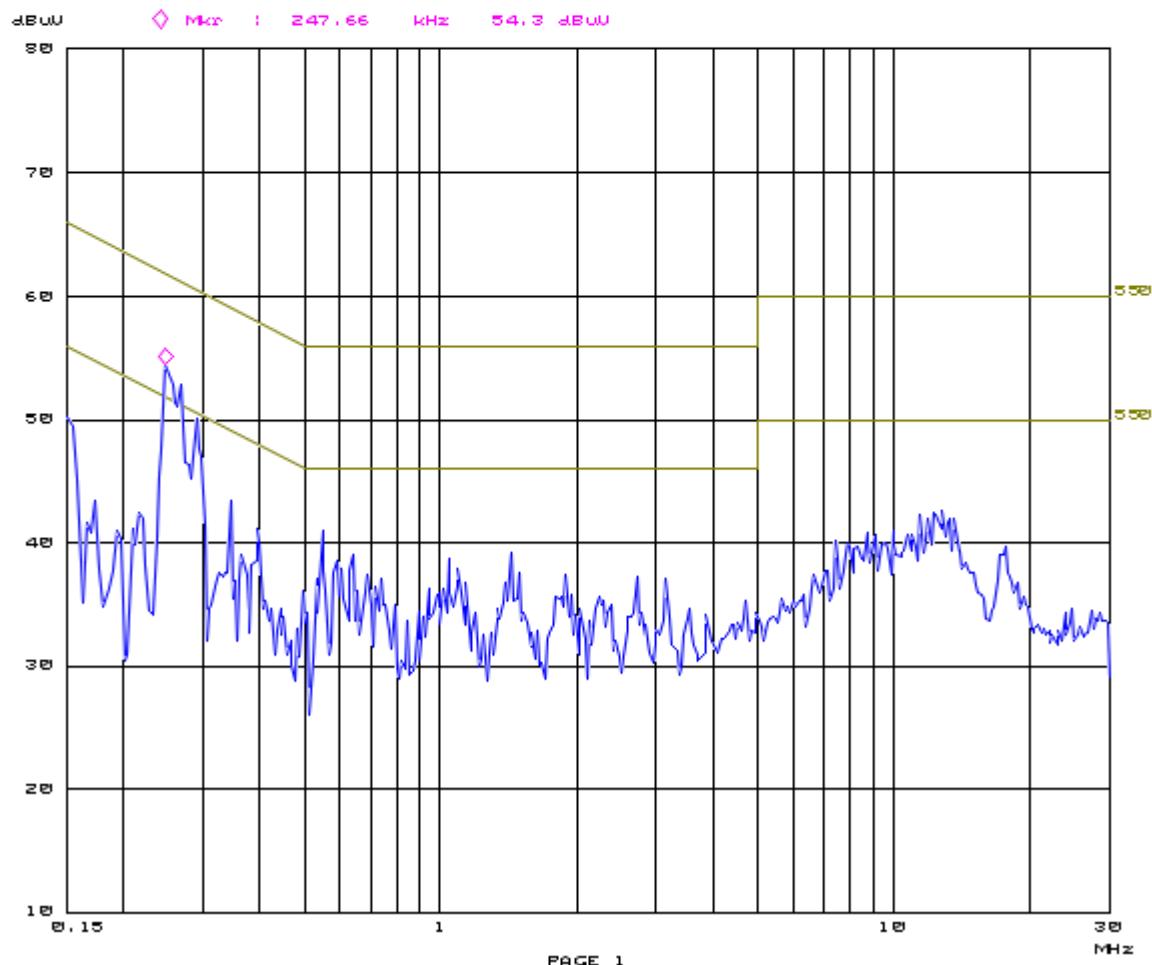
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17. Apr 19 11:47

Overview Scan Settings (1 Range)  
----- Frequencies ----- :----- Receiver Settings ----- :  
Start Stop Step IF BW Detector M-Time Atten Preamp  
150K 30M 3.9K 9K PK 0.10ms 20dB LN OFF



Plot of the AC Power-line Conducted emissions on L1, @2480 MHz

*Test Report No.:*

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**End of report**