

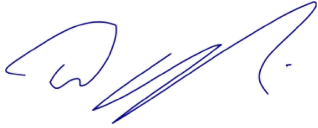


<b>Prüfbericht-Nr.:</b> <i>Test Report No.:</i>	<b>60373626 001</b>	<b>Auftrags-Nr.:</b> <i>Order No.:</i>	<b>158208932</b>	<b>Seite 1 von 17</b> <i>Page 1 of 17</i>	
<b>Kunden-Referenz-Nr.:</b> <i>Client Reference No.:</i>	<b>N/A</b>	<b>Auftragsdatum:</b> <i>Order date:</i>	<b>08.05.2020</b>		
<b>Auftraggeber:</b> <i>Client:</i>	<b>BRIO AB</b> <b>Skeppsbron 1 BOX 305 211 20 MALMÖ Sweden</b>				
<b>Prüfgegenstand:</b> <i>Test item:</i>	<b>Smart Engine</b>				
<b>Bezeichnung / Typ-Nr.:</b> <i>Identification / Type No.:</i>	<b>3971</b>				
<b>Auftrags-Inhalt:</b> <i>Order content:</i>	<b>FCC and ISED Certification</b>				
<b>Prüfgrundlage:</b> <i>Test specification:</i>	<b>FCC Part 15 Subpart C, ANSI C63.10-2013</b> <b>RSS-247 Issue 2, RSS-Gen Issue 5</b>				
<b>Wareneingangsdatum:</b> <i>Date of receipt:</i>	<b>27.04.2020</b>				
<b>Prüfmuster-Nr.:</b> <i>Test sample No.:</i>	<b>A001076284-001</b>				
<b>Prüfzeitraum:</b> <i>Testing period:</i>	<b>28.04.2020 - 15.05.2020</b>				
<b>Ort der Prüfung:</b> <i>Place of testing:</i>	<b>Hong Kong</b>				
<b>Prüflaboratorium:</b> <i>Testing laboratory:</i>	<b>TÜV Rheinland Hong Kong Ltd.</b>				
<b>Prüfergebnis*:</b> <i>Test result*:</i>	<b>Pass</b>				
<b>geprüft von / tested by:</b>		<b>kontrolliert von / reviewed by:</b>			
 02.06.2020 Benny Lau / Senior Project Manager		 02.06.2020 Sharon Li / Unit Senior Manager			
<b>Datum</b> <i>Date</i>	<b>Name / Stellung</b> <i>Name / Position</i>	<b>Unterschrift</b> <i>Signature</i>	<b>Datum</b> <i>Date</i>	<b>Name / Stellung</b> <i>Name / Position</i>	<b>Unterschrift</b> <i>Signature</i>
<b>Sonstiges / Other:</b>		<b>FCC ID: 2AITT3971</b> <b>IC: 21632-3971</b>			
<b>Zustand des Prüfgegenstandes bei Anlieferung:</b> <i>Condition of the test item at delivery:</i>		<b>Prüfmuster vollständig und unbeschädigt</b> <i>Test item complete and undamaged</i>			
* Legende: 1 = sehr gut    2 = gut    3 = befriedigend    4 = ausreichend    5 = mangelhaft P(ass) = entspricht o.g. Prüfgrundlage(n)    F(ail) = entspricht nicht o.g. Prüfgrundlage(n)    N/A = nicht anwendbar    N/T = nicht getestet Legend: 1 = very good    2 = good    3 = satisfactory    4 = sufficient    5 = poor P(ass) = passed a.m. test specification(s)    F(ail) = failed a.m. test specification(s)    N/A = not applicable    N/T = not tested					
<p><b>Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens.</b></p> <p><i>This test report only relates to the a. m. test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any test mark.</i></p>					

# Table of Content

	<b>Page</b>
<b>Cover Page</b> .....	<b>1</b>
<b>Table of Content</b> .....	<b>2</b>
<b>Product information</b> .....	<b>4</b>
Manufacturers declarations .....	4
Product function and intended use.....	4
Submitted documents.....	4
Independent Operation Modes .....	4
Related Submittal(s) Grants .....	4
Remark .....	4
<b>Test Set-up and Operation Mode</b> .....	<b>5</b>
Principle of Configuration Selection .....	5
Test Operation and Test Software.....	5
Special Accessories and Auxiliary Equipment .....	5
Countermeasures to achieve EMC Compliance .....	5
<b>Test Methodology</b> .....	<b>6</b>
Radiated Emission .....	6
Field Strength Calculation.....	6
<b>Test Setup Diagram</b> .....	<b>7</b>
<b>Test Facility</b> .....	<b>9</b>
Test Laboratory Information .....	9
<b>List of Test and Measurement Instruments</b> .....	<b>10</b>
<b>Measurement Uncertainty</b> .....	<b>11</b>
<b>Results FCC Part 15 – Subpart C / RSS-247 Issue 2</b> .....	<b>12</b>
FCC 15.203 – Antenna Requirement 1 .....	Pass..... 12
FCC 15.204 – Antenna Requirement 2 .....	Pass..... 12
RSS-Gen 6.3 – External Control.....	Pass..... 12
RSS-Gen 8.3 – Antenna Requirement .....	Pass..... 12
FCC 15.207/ RSS-Gen 8.8 – Conducted Emission on AC Mains .....	N/A..... 13
FCC 15.247 (a)(2) / RSS-247 5.2 – 6dB Bandwidth Measurement.....	Pass..... 13
RSS-Gen 6.6 – Occupied Bandwidth.....	Pass..... 13
FCC 15.247(b)(3) / RSS-247 5.4 – Maximum Peak Conducted Output Power .....	Pass..... 14

<b>FCC 15.247(e) / RSS-247 5.2 – Power Spectral Density .....</b>	<b>Pass.....</b>	<b>14</b>
<b>FCC 15.247(d) / RSS-247 5.5 – Spurious Conducted Emissions .....</b>	<b>Pass.....</b>	<b>15</b>
<b>FCC 15.205/ RSS-Gen 8.9 – Radiated Emissions in Restricted Frequency Bands ....</b>	<b>Pass.....</b>	<b>16</b>
<b>Appendix 1 – Test protocols .....</b>		<b>21 pages</b>
<b>Appendix 2 – Test setup .....</b>		<b>2 pages</b>
<b>Appendix 3 – EUT External Photos .....</b>		<b>3 pages</b>
<b>Appendix 4 – EUT Internal Photos .....</b>		<b>5 pages</b>
<b>Appendix 5 – RF exposure information.....</b>		<b>2 pages</b>

## Product information

### Manufacturers declarations

	<b>Transceiver</b>
Operating frequency range	2402 - 2480 MHz
Type of modulation	GFSK
Number of channels	40
Channel separation	2 MHz
Type of antenna	Integral PCB Antenna
Antenna gain (dBi)	0 dBi
Power level	fix
Type of equipment	stand alone radio device
Connection to public utility power line	No
Nominal voltage	3.0VDC
Independent Operation Modes	Transmitting

### Product function and intended use

The equipment under test (EUT) is a toy engine which support Bluetooth Low Energy and 13.56 MHz RFID.

FCC ID: 2AITT3971/ IC: 21632-3971

<b>Models</b>	<b>Product description</b>
3971	Smart Engine

### Submitted documents

Circuit Diagram  
 Block Diagram  
 Technical Description  
 User manual  
 Label

### Independent Operation Modes

The basic operation modes are:

- Transmitting mode.

For further information refer to User Manual

### Related Submittal(s) Grants

- This is a single application for certification of the Bluetooth Transmitter.
- The RFID Transmitter is authorized under the certification procedure (refer to test report 60373626 001).

### Remark

The test results in this test report are only relevant to the tested sample and does not involve any assessment in the production.

## Test Set-up and Operation Mode

### Principle of Configuration Selection

**Emission:** The equipment under test (EUT) was configured to measure its highest possible radiation level. The test modes were adapted accordingly in reference to the instructions for use.

### Test Operation and Test Software

Test operation should refer to test methodology.

- A test mode sample is provided by the applicant to control the operating channel. The RF output power is fixed in the test mode sample. The setting of the RF output power used in the testing shall be fixed on the firmware of the final end product.

### Special Accessories and Auxiliary Equipment

- None

### Countermeasures to achieve EMC Compliance

- None

## Test Methodology

### Radiated Emission

The radiated emission measurements of the transmitter part were performed according to the procedures in ANSI C63.10-2013.

For measurement below 1GHz - the equipment under test (EUT) was placed at the middle of the 80 cm height turntable. For measurement above 1GHz - the EUT was placed at the middle of the 1.5 m height turntable and RF absorbing material was placed on ground plane between turntable and measuring antenna. During the testing, the EUT was operated standalone and arranged for maximum emissions. The EUT was tested in three orthogonal planes.

The investigation is performed with the EUT rotated 360°, the antenna height scanned between 1m/s and 4m, and the antenna rotated to repeat the measurements for both the horizontal and vertical antenna polarizations. Repeat the measurement steps until the maximum emissions were obtained.

All radiated tests were performed at an antenna to EUT with 3 meters distance, unless stated otherwise in particular parts of this test report.

### Field Strength Calculation

The field strength at 3 m was established by adding the meter reading of the spectrum analyzer to the factors associated with antenna correction factor, cable loss, preamplifiers and filter attenuation.

The equation is expressed as follow:

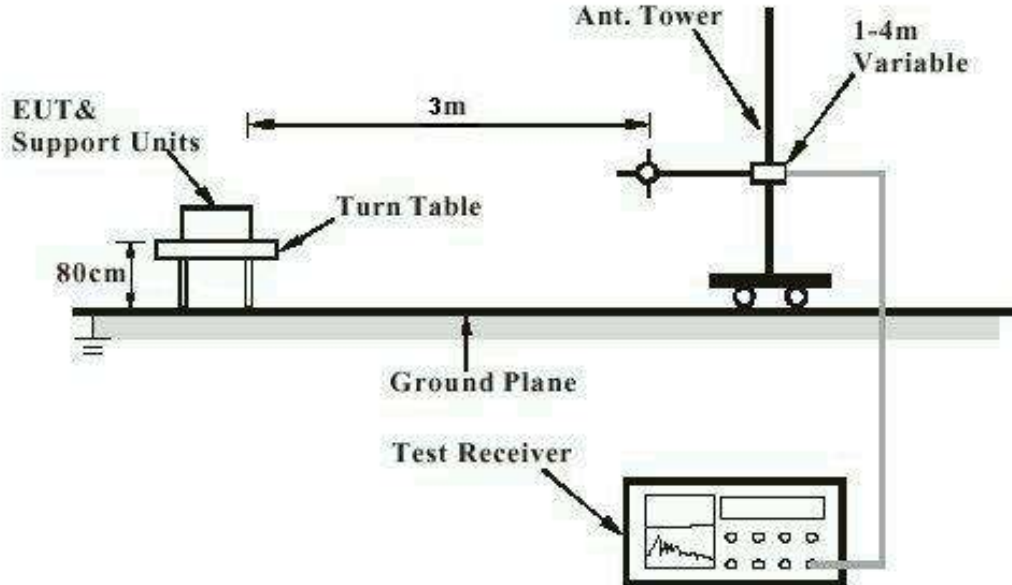
$$FS = R + AF + CF + FA - PA$$

Where FS = Field Strength in dBuV/m at 3 meters.  
R = Reading of Spectrum Analyzer in dBuV.  
AF = Antenna Factor in dB.  
CF = Cable Attenuation Factor in dB.  
FA = Filter Attenuation Factor in dB.  
PA = Preamplifier Factor in dB.

FA and PA are only be used for the measuring frequency above 1 GHz.

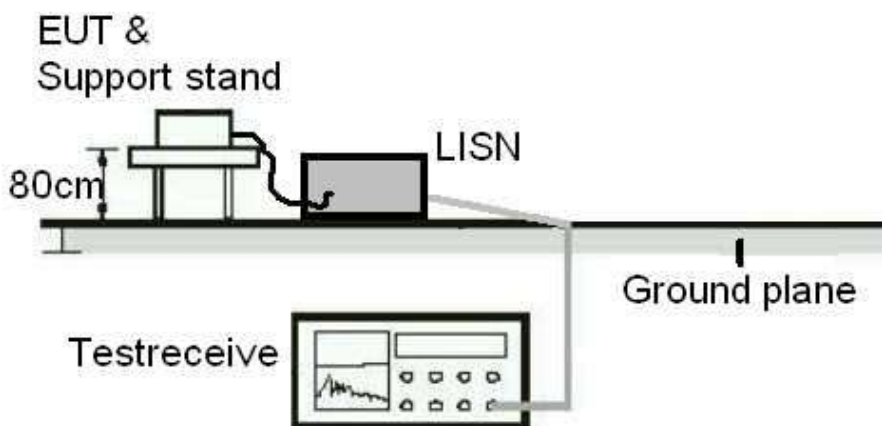
## Test Setup Diagram

Diagram of Measurement Configuration for Radiation Test

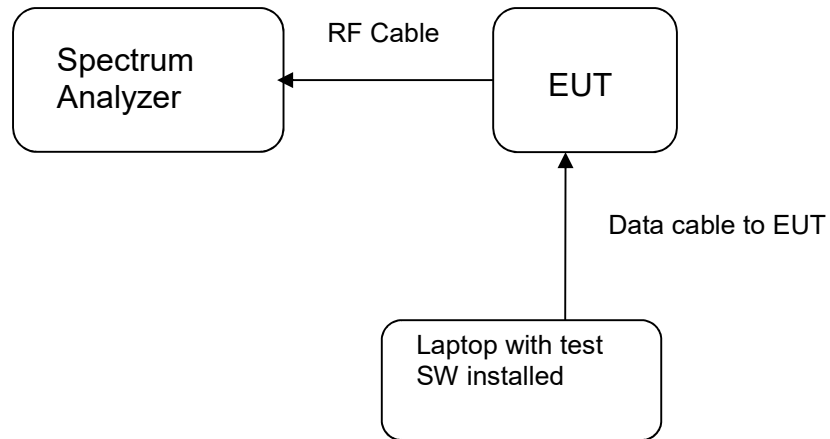


Note: Measurements above 1 GHz are done with a table height of 1.5m. In addition, there is RF absorbing material on the floor of the test site for above 1GHz measurement.

Diagram of Measurement Equipment Configuration for Mains Conduction Measurement (if applicable)



**Diagram of Equipment Configuration for Antenna-port Conducted Measurement (if applicable)**





## Test Facility

### Test Laboratory Information

TÜV Rheinland Hong Kong Ltd.

Address: 3-4, 11/F., Fou Wah Industrial Building, 10-16 Pun Shan Street, Tsuen Wan, N.T., Hong Kong

Tel.: +852 2192 1000

Fax: +852 2192 1001

Email [service-gc@tuv.com](mailto:service-gc@tuv.com)

Web: [www.tuv.com](http://www.tuv.com)

The test facility is recognized or accredited by the following organizations:

#### **FCC**

Type : Accredited Test Firm  
Designation Number : HK0013  
Test Firm Registration Number : 371735  
Scope : Intentional Radiators

#### **Industry Canada**

Type : Accredited Test Firm  
CAB identifier : HK0013  
Scope : RSS-Gen, RSS-210, RSS-247

## List of Test and Measurement Instruments

### Radiated Emission

Equipment	Manufacturer	Type	Cal. Date	Due Date
Semi-anechoic Chamber (SiteVSWR)	Frankonia	Nil	16-May-20	16-May-21
Standard Gain Horn	ETS-Lindgren	3160-07	4-Sep-18	4-Sep-20
Standard Gain Horn	ETS-Lindgren	3160-08	26-Sep-18	26-Sep-20
Standard Gain Horn	ETS-Lindgren	3160-10	3-Oct-18	3-Oct-20
Double-Ridged Waveguide Horn	EMCO	3116	5-Oct-18	5-Oct-20
Double-Ridged Waveguide Horn	EMCO	3117	30-Aug-18	30-Aug-20
Test Receiver	R & S	ESU26	21-Jun-19	21-Jun-20
Coaxial cable	Huber+Suhner	CNM-NMCMILX800-473	4-Oct-18	4-Oct-20
Microwave Preamplifier	COM-POWER Corporation	PAM-118A	25-Jun-19	25-Jun-20
Preamplifier 18GHz to 40GHz with cable	A.H. Systems, Inc.	PAM-1840VH	30-Jan-20	30-Jan-21
High Pass Filter (cutoff freq. =1000MHz)	Trilithic	23042	30-Oct-19	30-Oct-21
High Frequency Cable	Pasternack	PE3VNA4001-3M	29-Jan-19	29-Jan-21

### Radio Test

Equipment	Manufacturer	Type	Cal. Date	Due Date
Spectrum Analyzer	R & S	FSP30	26-June-19	26-June-20

## Measurement Uncertainty

The estimated combined standard uncertainty for power-line conducted emissions measurements is  $\pm 2.42$ dB.

The estimated combined standard uncertainty for radiated emissions measurements is  $\pm 4.81$ dB (9kHz to 30MHz) and  $\pm 4.62$ dB (30MHz to 200MHz) and  $\pm 5.67$ dB (200MHz to 1000MHz) and is  $\pm 5.07$ dB (1GHz to 8.2GHz) and  $\pm 4.58$ dB (8.2GHz to 12.4GHz) and  $\pm 4.78$ dB (12.4GHz to 18GHz)

The estimated combined standard uncertainty for antenna conducted emission is  $\pm 2.1$ dB

The reported expanded uncertainty of measurement is stated as the standard uncertainty of measurement multiplied by the coverage factor of  $k=2$ , which for the level of confidence is approximately 95%.

## Results FCC Part 15 – Subpart C / RSS-247 Issue 2

<b>FCC 15.203 – Antenna Requirement 1</b>		<b>Pass</b>
<b>FCC Requirement:</b>	No antenna other than that furnished by the responsible party shall be used with the device	
<b>Results:</b>	a) Antenna type:	Integral PCB antenna
	b) Manufacturer and model no:	N/A
	c) Peak Gain:	0 dBi
<b>Verdict:</b>	Pass	

<b>FCC 15.204 – Antenna Requirement 2</b>		<b>Pass</b>
<b>FCC Requirement:</b>	An intentional radiator may be operated only with the antenna with which it is authorized. If an antenna is marketed with the intentional radiator, it shall be of a type which is authorized with the intentional radiator.	
<b>Results:</b>	Only one integral antenna can be used.	
<b>Verdict:</b>	N/A	

<b>RSS-Gen 6.3 – External Control</b>		<b>Pass</b>
<b>IC Requirement:</b>	The device shall not have any external controls accessible to the user that enable it to be adjusted, selected or programmed to operate in violation of the limits prescribed in the applicable RSS.	
<b>Results:</b>	The device does not have any transmitter external controls accessible to the user that can be adjusted and operated in violation of the limits of this standard.	
<b>Verdict:</b>	Pass	

<b>RSS-Gen 8.3 – Antenna Requirement</b>		<b>Pass</b>
<b>IC Requirement:</b>	When a measurement at the antenna connector is used to determine RF output power, the effective gain of the device’s antenna shall be stated, based on measurement or on data from the antenna manufacturer.	
<b>Results:</b>	a) Antenna type:	Fixed Integral PCB antenna
	b) Manufacturer	N/A
	c) model no	N/A
	d) Gain with reference to an isotropic radiator:	0 dBi
<b>Verdict:</b>	Pass	

<b>FCC 15.207/ RSS-Gen 8.8 – Conducted Emission on AC Mains</b>	<b>N/A</b>
There is no AC power input or output ports on the EUT.	

<b>FCC 15.247 (a)(2) / RSS-247 5.2 – 6dB Bandwidth Measurement</b>	<b>Pass</b>
<b>FCC/ IC Requirement:</b> Systems using digital modulation techniques may operate in the 902 – 928 MHz, 2400 – 2483.5 MHz, and 5725 – 5850 MHz bands. The minimum 6dB bandwidth shall be at least 500kHz.	

Test Specification : ANSI C63.10 – 2013  
 Test date : 07.05.2020  
 Mode of operation : Tx mode  
 Supply voltage : 3VDC  
 Temperature : 23°C  
 Humidity : 50%

**Results:** For test protocols please refer to Appendix 1

**1Ms/ss/s**

Channel frequency (MHz)	6 dB left (MHz)	6 dB right (MHz)	6dB bandwidth (kHz)
2402	2401.820	2402.550	730
2440	2439.820	2440.550	730
2480	2479.820	2480.570	750

**2Ms/ss/s**

Channel frequency (MHz)	6 dB left (MHz)	6 dB right (MHz)	6dB bandwidth (kHz)
2402	2401.580	2402.830	1250
2440	2401.580	2402.830	1250
2480	2479.530	2480.840	1310

<b>RSS-Gen 6.6 – Occupied Bandwidth</b>	<b>Pass</b>
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**FCC/ IC Requirement:** N/A

Test Specification : RSS-Gen  
 Test date : 07.05.2020  
 Mode of operation : Tx mode  
 Supply voltage : 3VDC  
 Temperature : 23°C  
 Humidity : 50%

**Results:** Pre-scan has been conducted to determine the worst-case mode from all possible combinations between available modulations and packet types.  
 For test protocols refer to Appendix 1.

**1Ms/s**

Frequency (MHz)	Left (MHz)	Right (MHz)	99% bandwidth (MHz)
2402	2401.660	2402.730	1.07
2440	2439.670	2440.730	1.06

2480	2479.660	2480.730	1.07
<b>2Ms/s</b>			
<b>Frequency (MHz)</b>	<b>Left (MHz)</b>	<b>Right (MHz)</b>	<b>99% bandwidth (MHz)</b>
2402	2401.130	2403.230	2.10
2440	2439.150	2441.250	2.10
2480	2479.140	2481.230	2.09

**FCC 15.247(b)(3) / RSS-247 5.4 – Maximum Peak Conducted Output Power** **Pass**

**FCC/ IC Requirement:** For systems using digital modulation in the 902-928 MHz, 2400-2483.5 MHz, and 5725-5850MHz bands: 1 Watt (30dBm)

Test Specification : ANSI C63.10 – 2013  
 Test date : 07.05.2020  
 Mode of operation : Tx mode  
 Supply voltage : 3VDC  
 Temperature : 23°C  
 Humidity : 50%

**Results:** For test protocols please refer to Appendix 1

**1Ms/s**

Frequency (MHz)	Cable loss (dB)	Measured Output Power (dBm)	Limit (dBm)	Verdict
2402	3	-1.68	30.0	Pass
2440	3	-1.83	30.0	Pass
2480	3	-2.07	30.0	Pass

**2Ms/s**

Frequency (MHz)	Cable loss (dB)	Measured Output Power (dBm)	Limit (dBm)	Verdict
2402	3	-1.37	30.0	Pass
2440	3	-2.25	30.0	Pass
2480	3	-1.86	30.0	Pass

**FCC 15.247(e) / RSS-247 5.2 – Power Spectral Density** **Pass**

**FCC/ IC Requirement:** For digitally modulated systems, the power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8 dBm in any 3 kHz band during any time interval of continuous transmission.

Test Specification : ANSI C63.10 – 2013  
 Test date : 07.05.2020  
 Mode of operation : Tx mode  
 Supply voltage : 3VDC  
 Temperature : 23°C  
 Humidity : 50%

<b>Results:</b> For test protocols please refer to Appendix 1.				
<b>1Ms/s</b>				
Frequency (MHz)	Cable loss (dB)	Power density (dBm)	Limit (dBm)	Verdict
2402	3	-2.04	8.0	Pass
2440	3	-2.00	8.0	Pass
2480	3	-2.87	8.0	Pass
<b>2Ms/s</b>				
Frequency (MHz)	Cable loss (dB)	Power density (dBm)	Limit (dBm)	Verdict
2402	3	-3.07	8.0	Pass
2440	3	-3.86	8.0	Pass
2480	3	-3.53	8.0	Pass

<b>FCC 15.247(d) / RSS-247 5.5 – Spurious Conducted Emissions</b>			<b>Pass</b>		
Test Specification : ANSI C63.10 – 2013 Test date : 07.05.2020 Mode of operation : Tx mode Supply voltage : 3VDC Temperature : 23°C Humidity : 50%					
<b>FCC/ IC Requirement:</b> In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement.					
<b>Results:</b> Pre-scan has been conducted to determine the worst-case mode from all possible combinations between available modulations and data rate.  Only the worst cases is shown below. For test protocols refer to Appendix 1					
Operating frequency (MHz)	Spurious frequency (MHz)	Spurious Level (dBm)	Reference value (dBm)	Delta (dB)	Verdict
2402	2400.000	-40.31	-3.07	37.24	Pass
2440	9280.000	-38.40	-3.86	34.54	Pass
2480	7440.000	-48.03	-3.53	44.50	Pass

<b>FCC 15.205/ RSS-Gen 8.9 – Radiated Emissions in Restricted Frequency Bands</b>		<b>Pass</b>
Test Specification : ANSI C63.10 – 2013 Test date : 05.05.2020 Mode of operation : Tx mode Frequency range : 9kHz – 25GHz Supply voltage : 3VDC Temperature : 23°C Humidity : 50%		
<b>FCC/ IC Requirement:</b> In any 100kHz bandwidth outside the frequency band at least 20dB below the highest level of the desired power. In addition, radiated emissions which fall in the restricted bands must also comply with the radiated emission general limits.		
<b>Results:</b> Pre-scan has been conducted to determine the worst-case mode from all possible combinations between available modulations and data rate.  All three transmit frequency modes comply with the field strength within the restricted bands. There is no spurious found below 30MHz.		
Mode: 2402 MHz TX		Vertical Polarization
Freq MHz	Level dBuV/m	Limit/ Detector dBuV/m
2390.000	42.9	74.0 / PK
2390.000	22.8	54.0 / AV
4804.320	46.6	74.0 / PK
4804.320	39.3	54.0 / AV
7207.266	56.8	74.0 / PK
7207.266	49.5	54.0 / AV
Mode: 2402 MHz TX		Horizontal Polarization
Freq MHz	Level dBuV/m	Limit/ Detector dBuV/m
2390.000	46.3	74.0 / PK
2390.000	22.8	54.0 / AV
4804.320	53.9	74.0 / PK
4804.320	49.9	54.0 / AV
7206.490	56.5	74.0 / PK
7206.490	49.9	54.0 / AV
Mode: 2440 MHz TX		Vertical Polarization
Freq MHz	Level dBuV/m	Limit/ Detector dBuV/m
4880	47.0	74.0 / PK
4880	40.1	54.0 / AV
7319.895	57.4	74.0 / PK
7319.895	50.8	54.0 / AV
Mode: 2440 MHz TX		Horizontal Polarization
Freq MHz	Level dBuV/m	Limit/ Detector dBuV/m
4880	47.5	74.0 / PK
4880	43.1	54.0 / AV
7319.895	57.7	74.0 / PK
7319.895	47.1	54.0 / AV



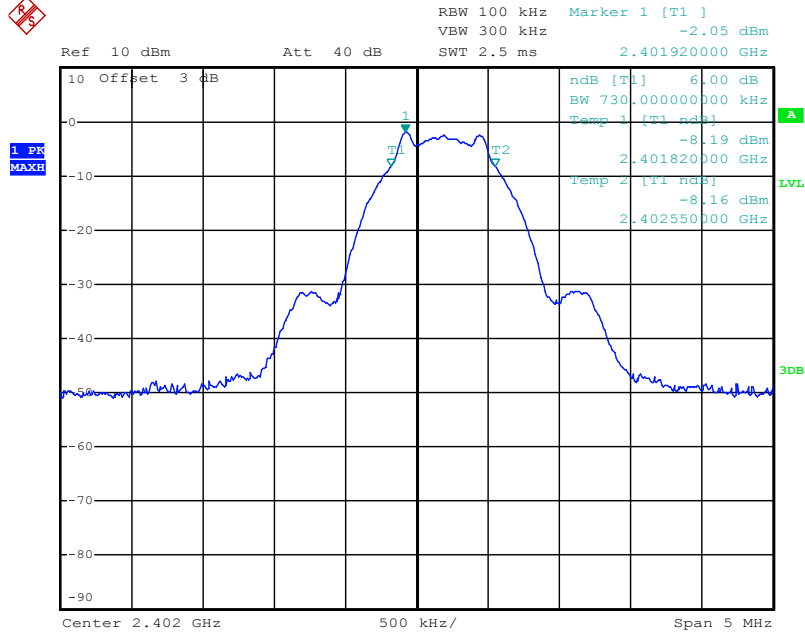
Mode: 2480 MHz TX		Vertical Polarization	
Freq MHz	Level dBuV/m	Limit/ Detector dBuV/m	
2483.500	46.8	74.0 / PK	
2483.500	25.8	54.0 / AV	
4960.881	48.8	74.0 / PK	
4960.881	40.4	54.0 / AV	
7441.322	57.1	74.0 / PK	
7441.322	49.7	54.0 / AV	
Mode: 2480 MHz TX		Horizontal Polarization	
Freq MHz	Level dBuV/m	Limit/ Detector dBuV/m	
2483.500	50.1	74.0 / PK	
2483.500	34.1	54.0 / AV	
4959.964	52.1	74.0 / PK	
4959.964	42.8	54.0 / AV	
7439.964	57.4	74.0 / PK	
7439.964	50.3	54.0 / AV	

# Appendix 1

## Test Results

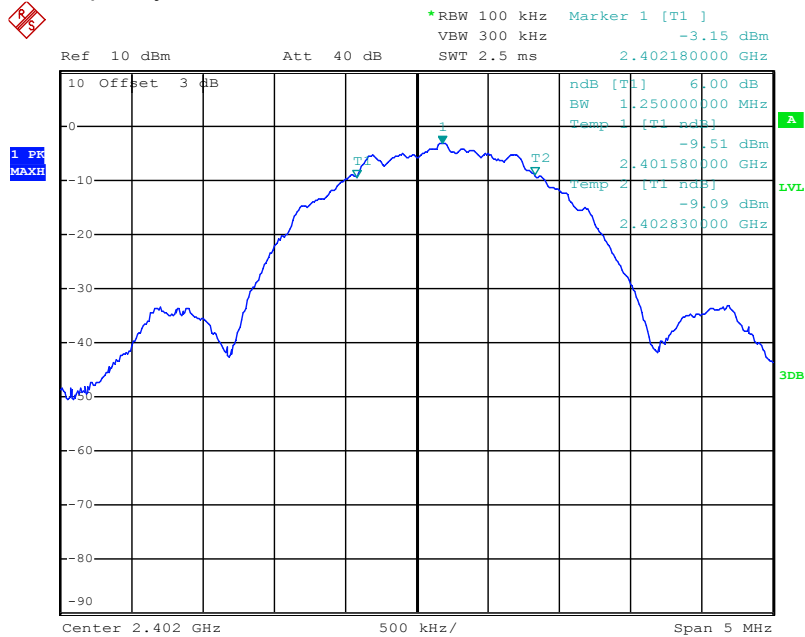
# 6 dB Bandwidth Measurement

TX frequency: 2402MHz 1Ms/s



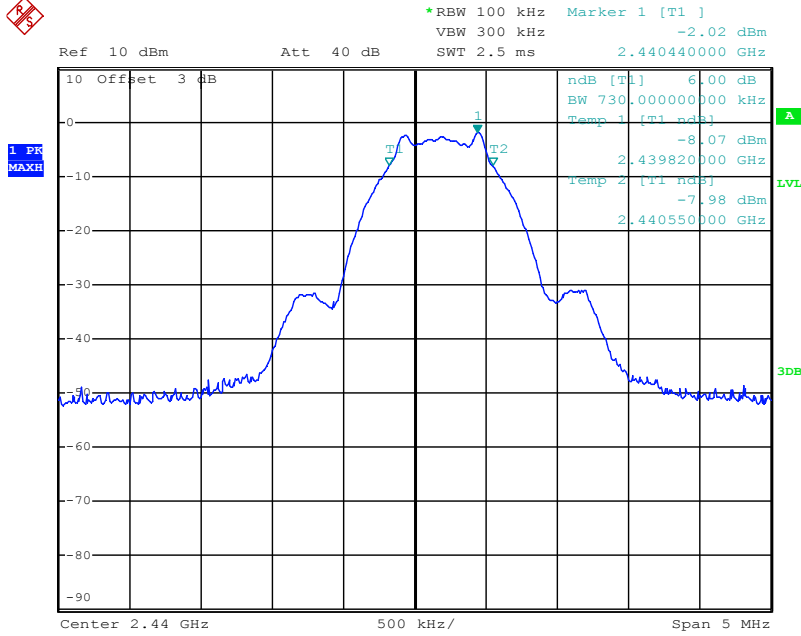
Date: 7.MAY.2020 04:41:33

TX frequency: 2402MHz 2Ms/s



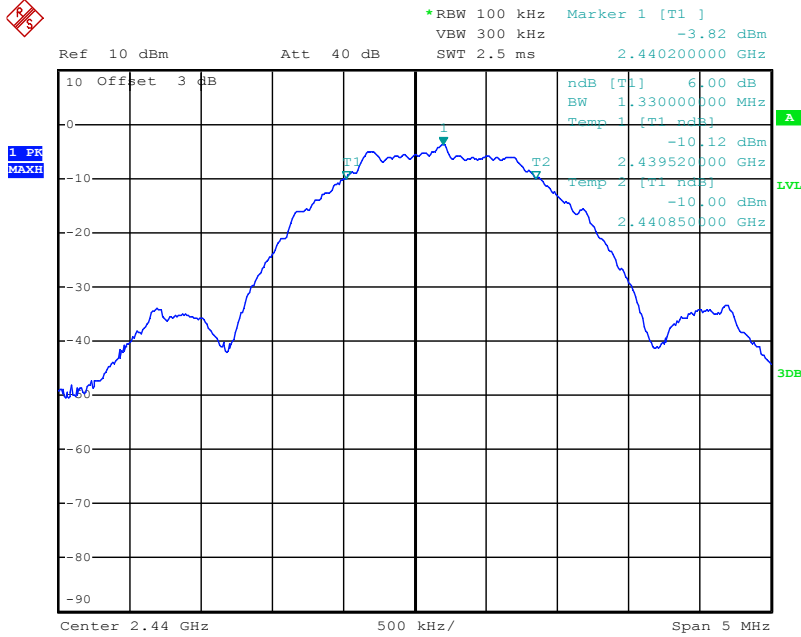
Date: 7.MAY.2020 04:59:45

TX frequency: 2440MHz 1Ms/s



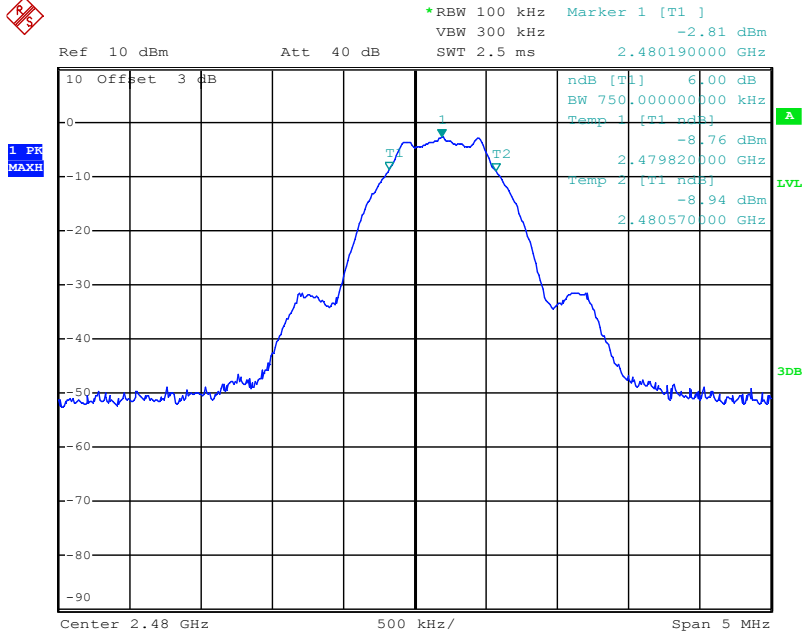
Date: 8.MAY.2020 06:17:20

TX frequency: 2440MHz 2Ms/s



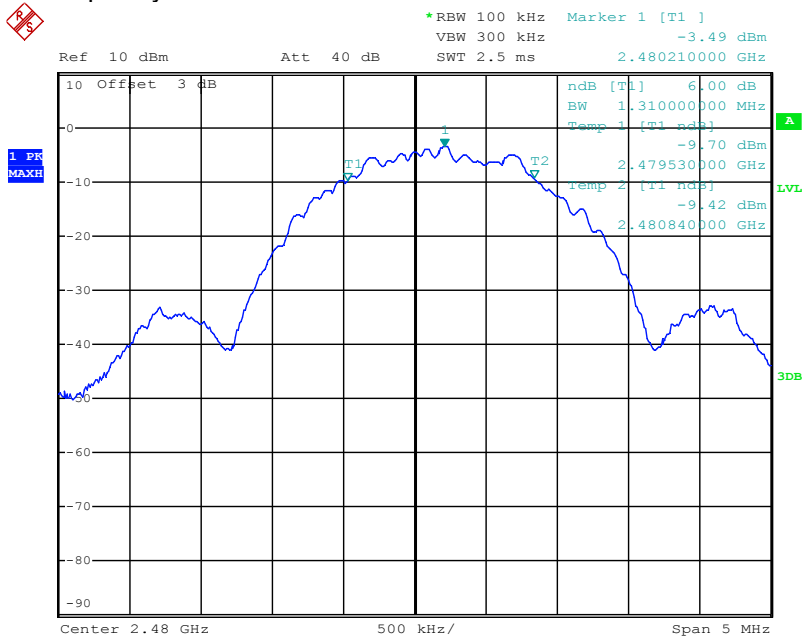
Date: 7.MAY.2020 05:08:15

TX frequency: 2480MHz 1M s/s



Date: 8.MAY.2020 06:20:05

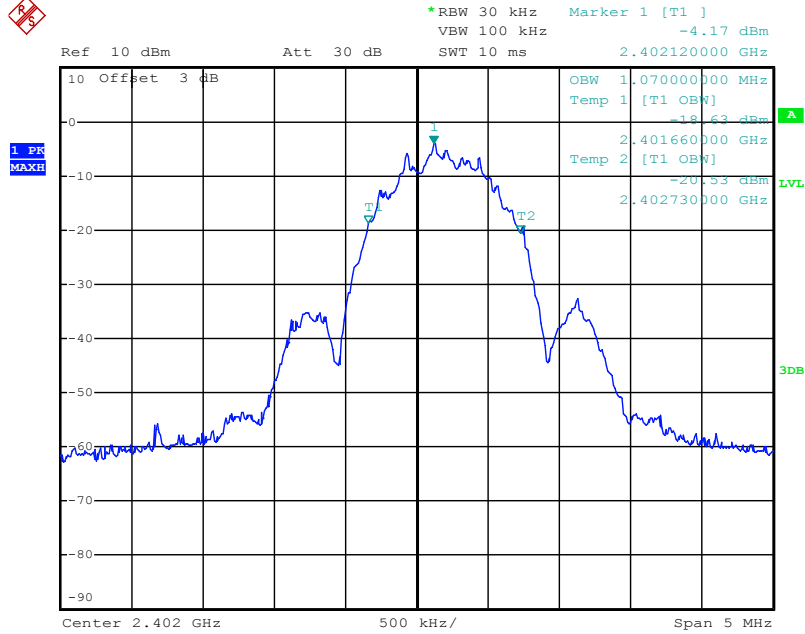
TX frequency: 2480MHz 2M s/s



Date: 8.MAY.2020 06:23:07

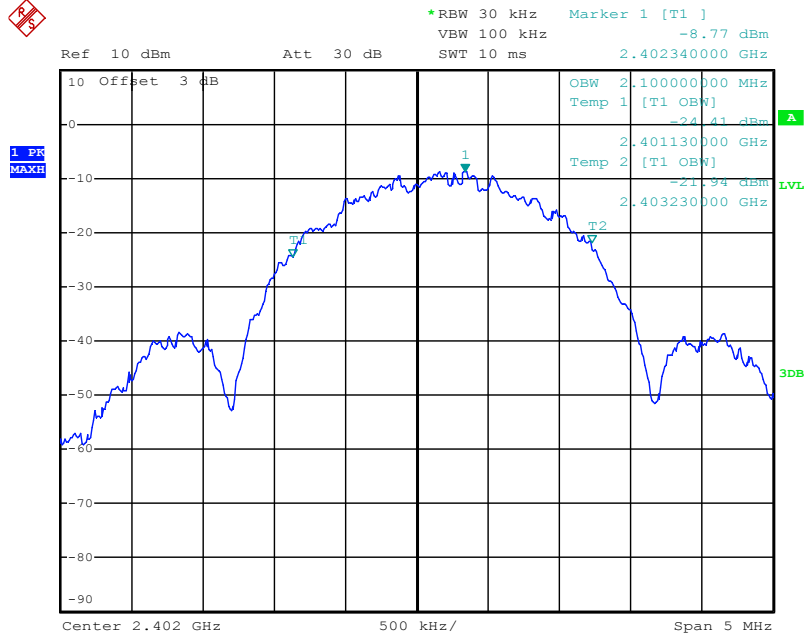
# Occupied Bandwidth Measurement

TX frequency: 2402MHz 1Ms/s



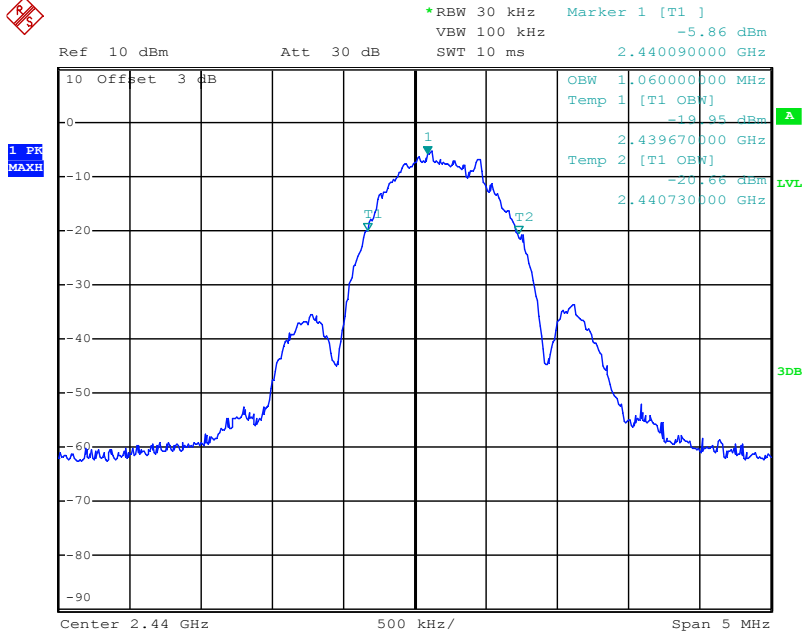
Date: 7.MAY.2020 04:44:06

TX frequency: 2402MHz 2Ms/s



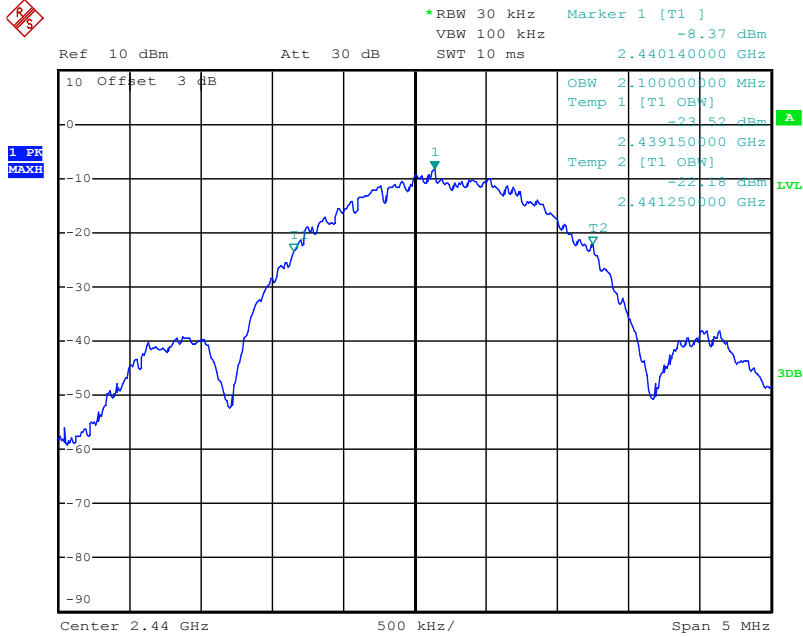
Date: 7.MAY.2020 05:00:59

TX frequency: 2440MHz 1Ms/s



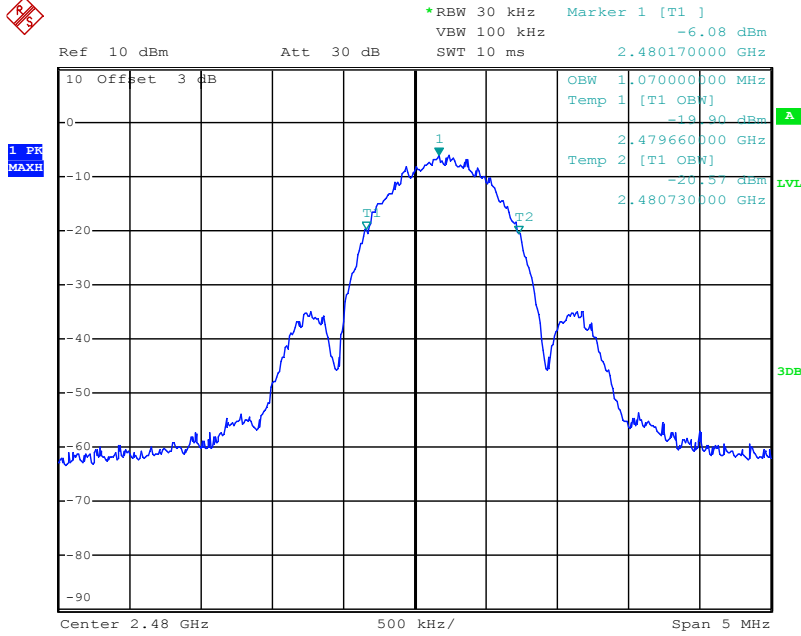
Date: 8.MAY.2020 06:16:50

TX frequency: 2440MHz 2Ms/s



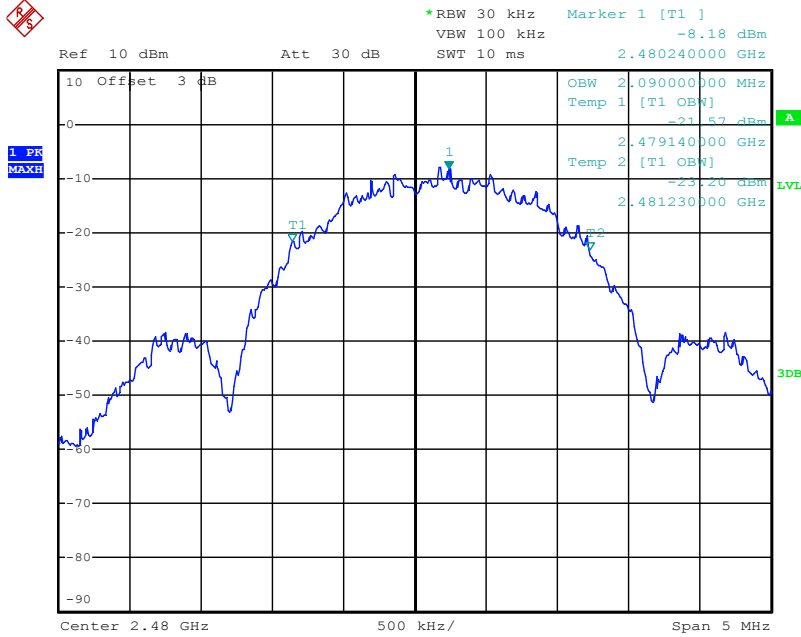
Date: 7.MAY.2020 05:09:47

TX frequency: 2480MHz 1Ms/s



Date: 8.MAY.2020 06:20:43

TX frequency: 2480MHz 2Ms/s

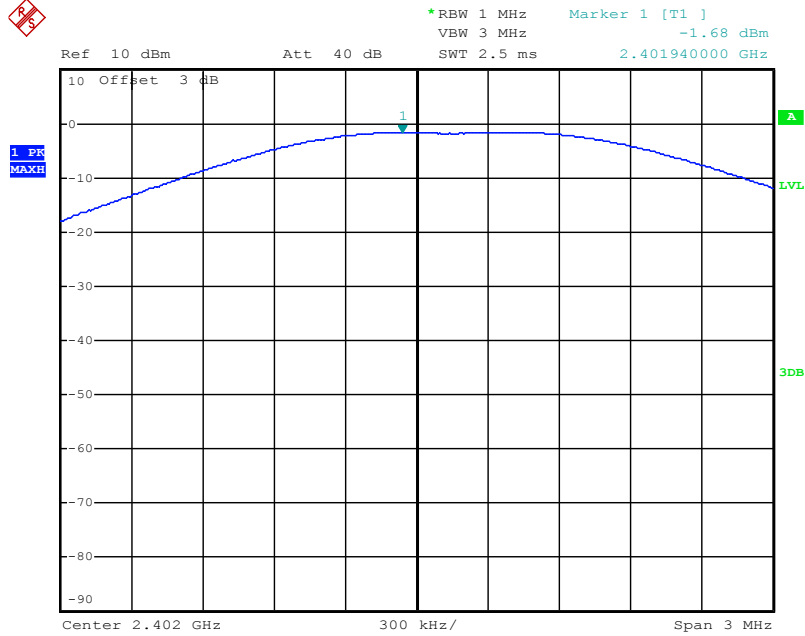


Date: 8.MAY.2020 06:24:11



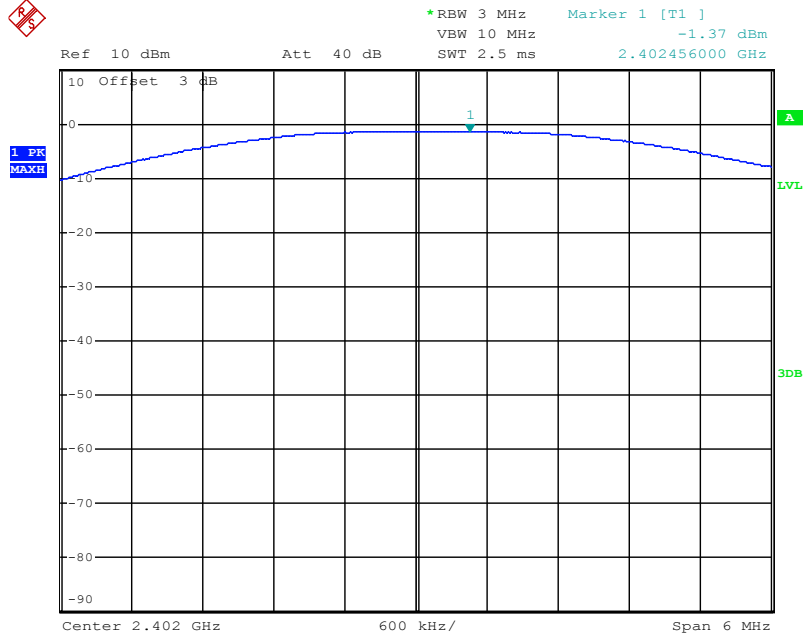
# Maximum Peak Conducted Output power

TX frequency: 2402MHz 1Ms/s



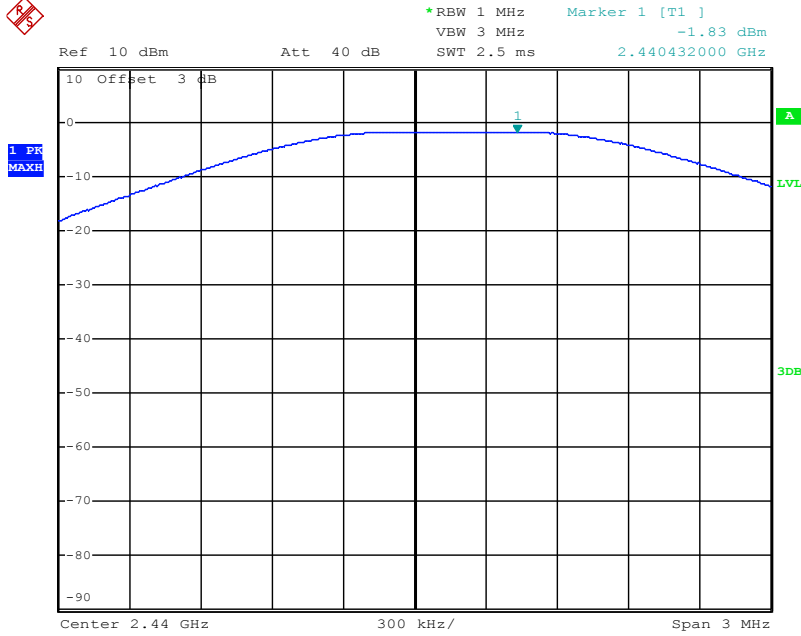
Date: 7.MAY.2020 04:52:12

TX frequency: 2402MHz 2Ms/s



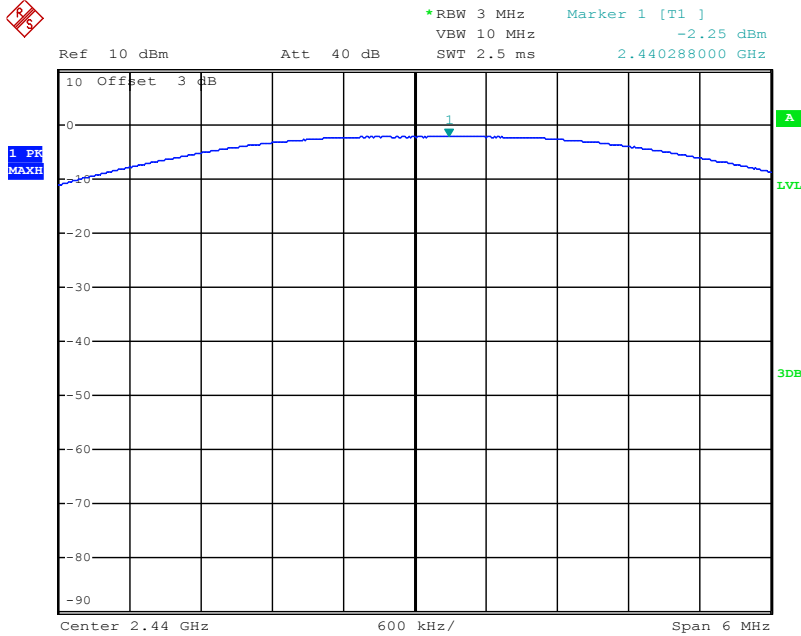
Date: 7.MAY.2020 05:02:11

TX frequency: 2440MHz 1Ms/s



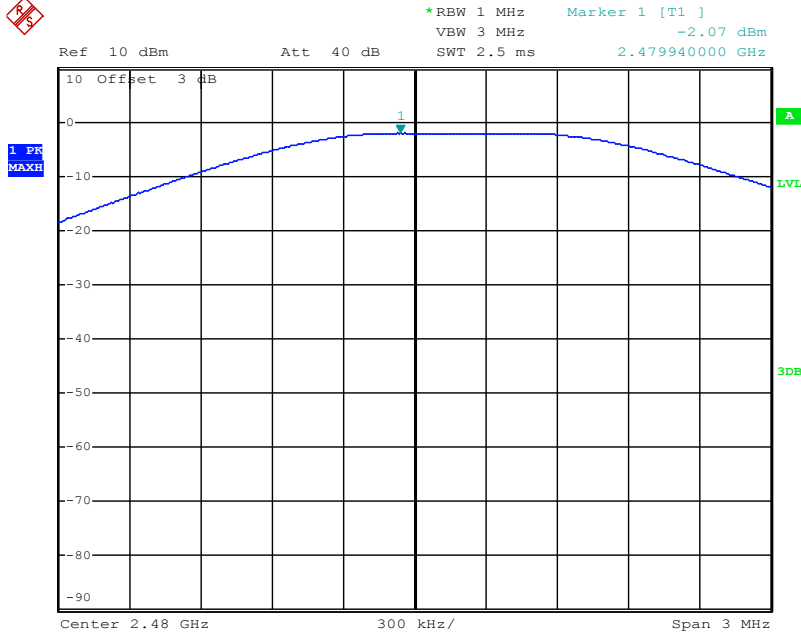
Date: 8.MAY.2020 06:18:39

TX frequency: 2440MHz 2Ms/s



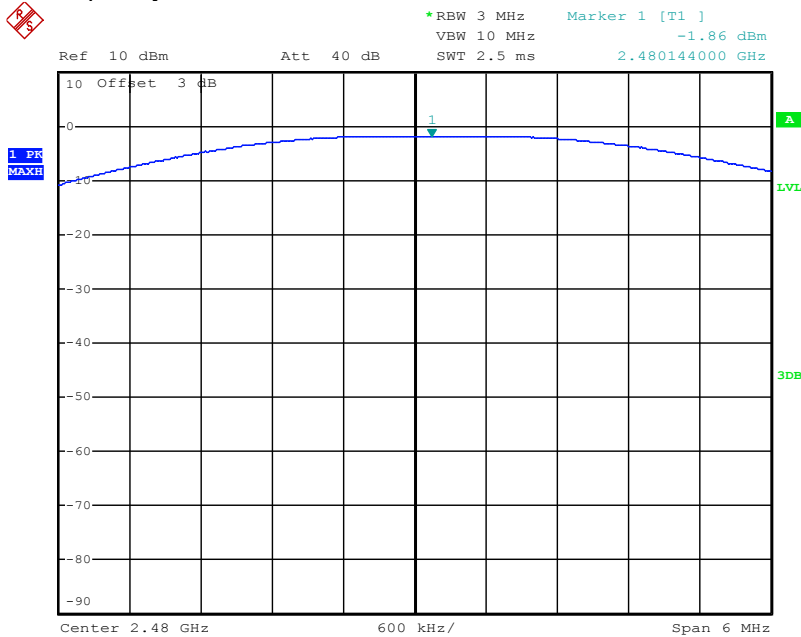
Date: 7.MAY.2020 05:10:41

TX frequency: 2480MHz 1Ms/s



Date: 8.MAY.2020 06:19:20

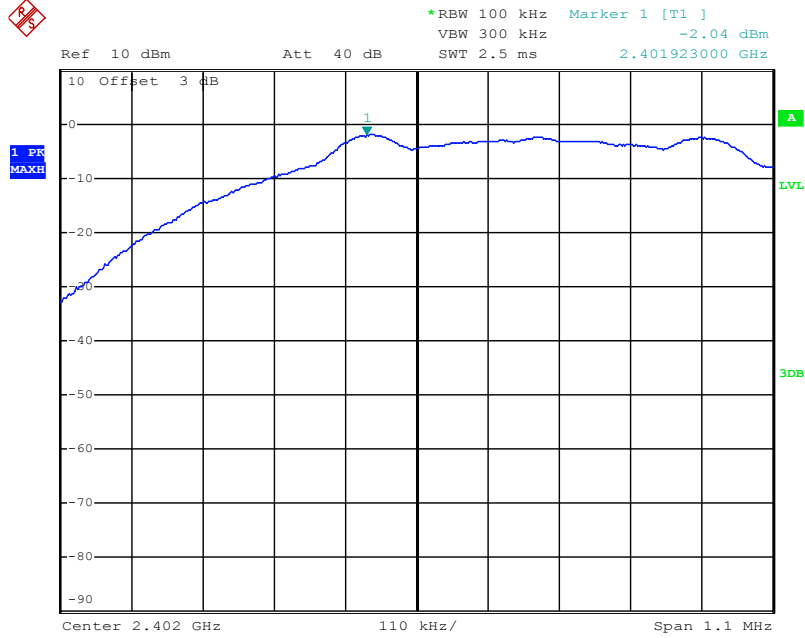
TX frequency: 2480MHz 2Ms/s



Date: 8.MAY.2020 06:25:39

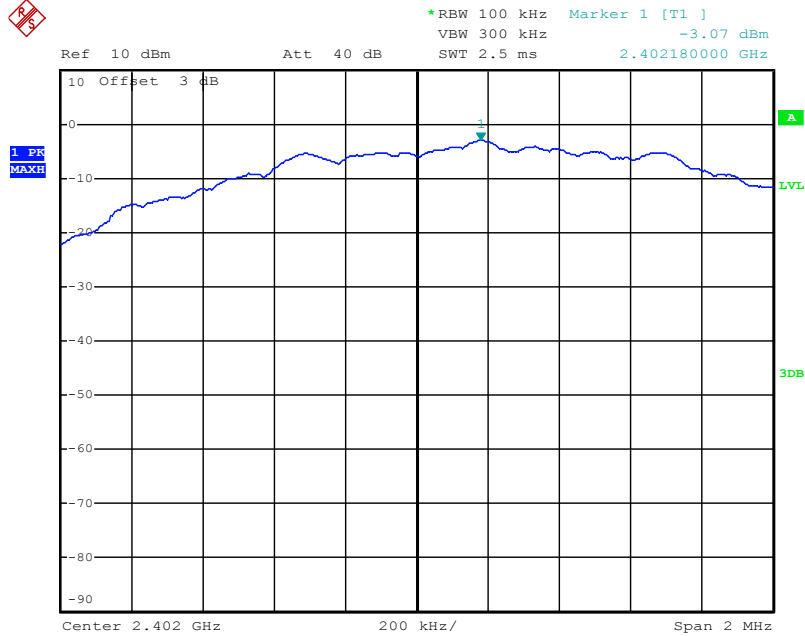
# Power Spectral Density

TX frequency: 2402MHz 1Ms/s



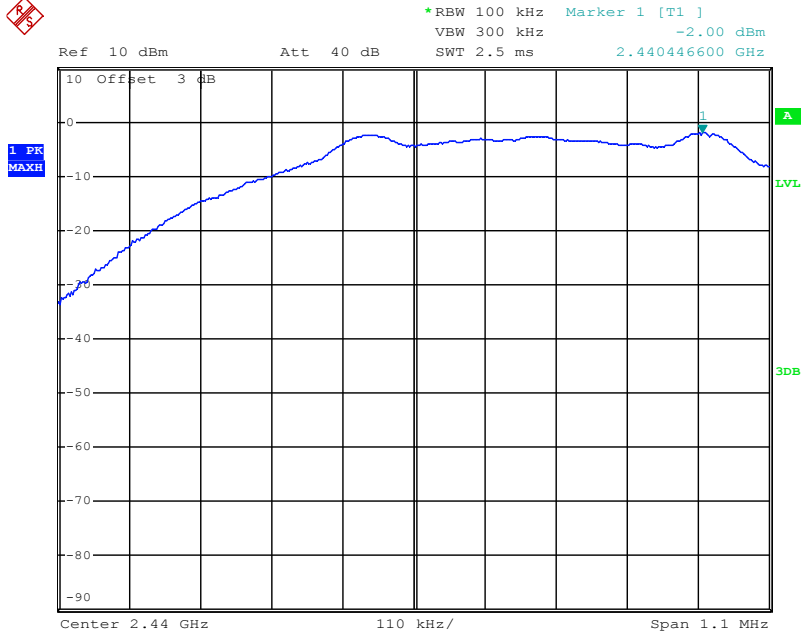
Date: 7.MAY.2020 04:45:45

TX frequency: 2402MHz 2Ms/s



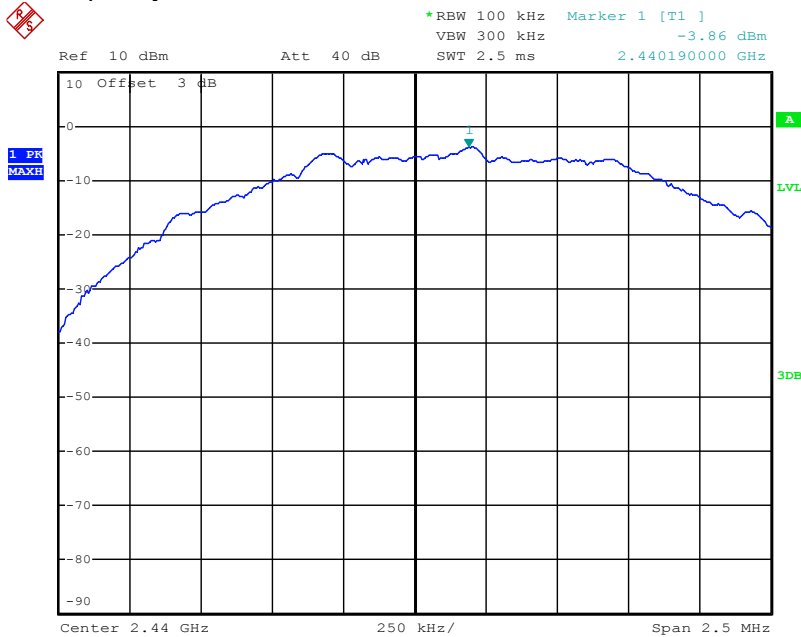
Date: 7.MAY.2020 05:03:19

TX frequency: 2440MHz 1Ms/s



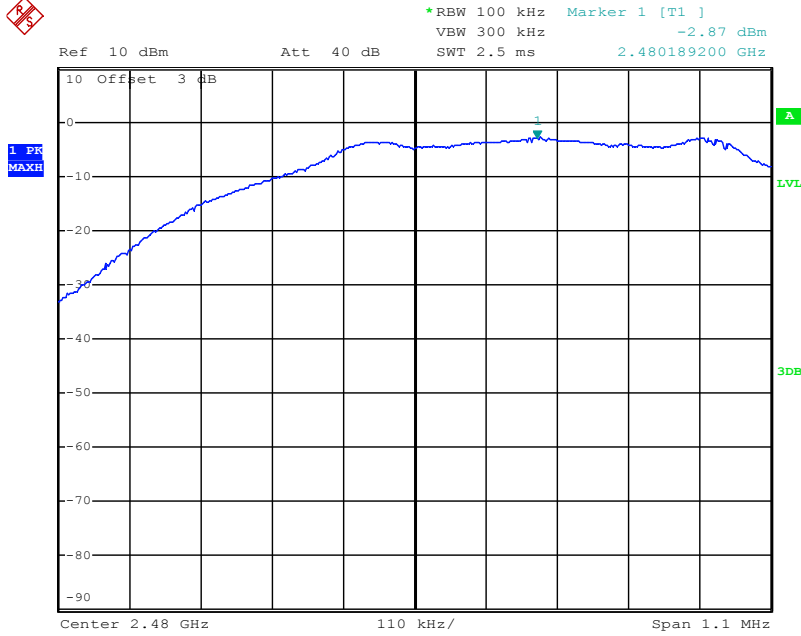
Date: 8.MAY.2020 06:18:10

TX frequency: 2440MHz 2Ms/s



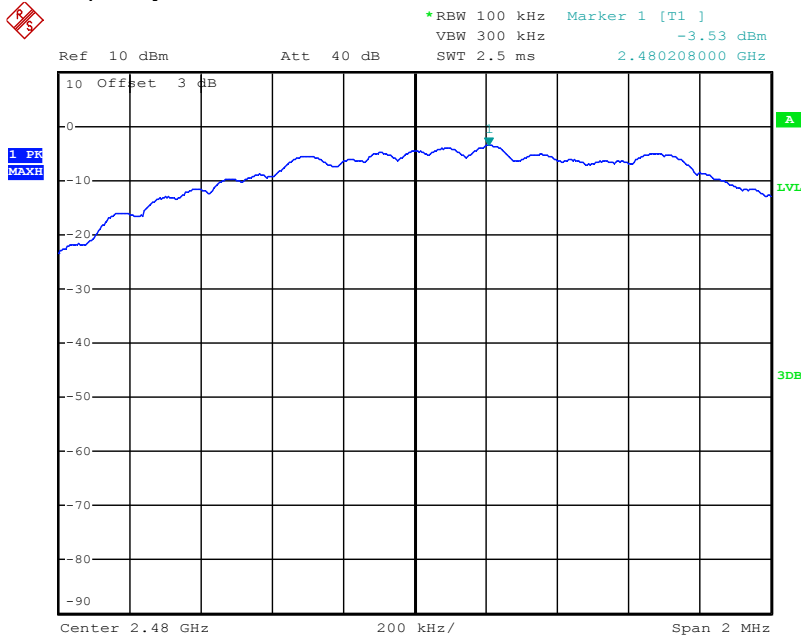
Date: 7.MAY.2020 05:12:11

TX frequency: 2480MHz 1Ms/s



Date: 8.MAY.2020 06:21:58

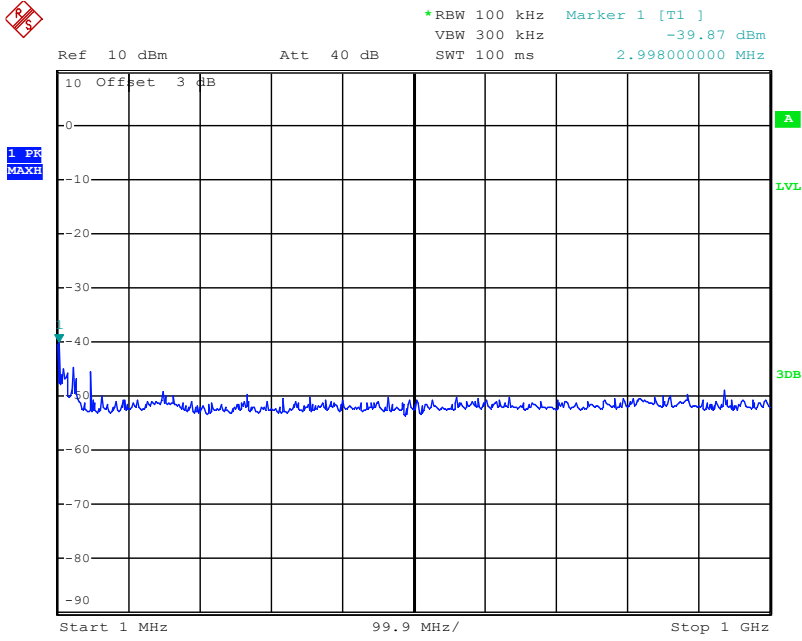
TX frequency: 2480MHz 2Ms/s



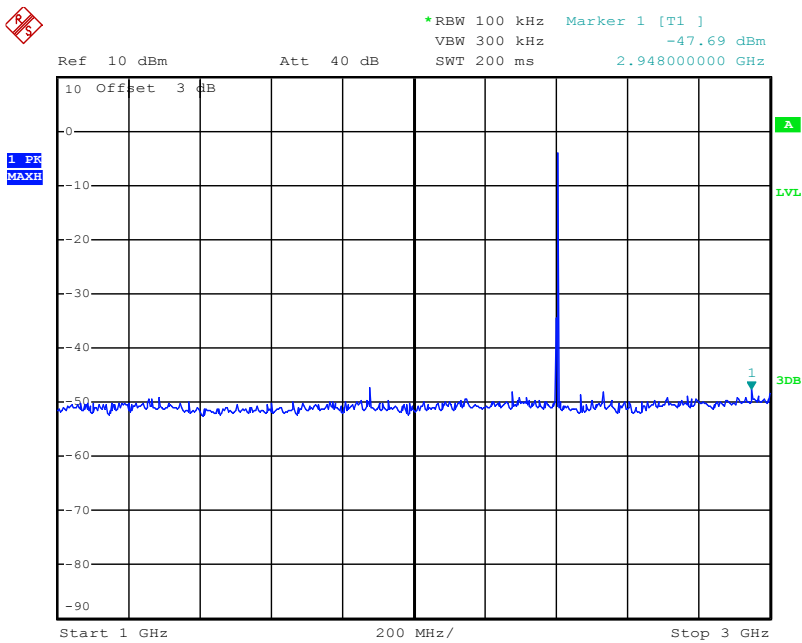
Date: 8.MAY.2020 06:25:02

# Spurious Conducted Emissions

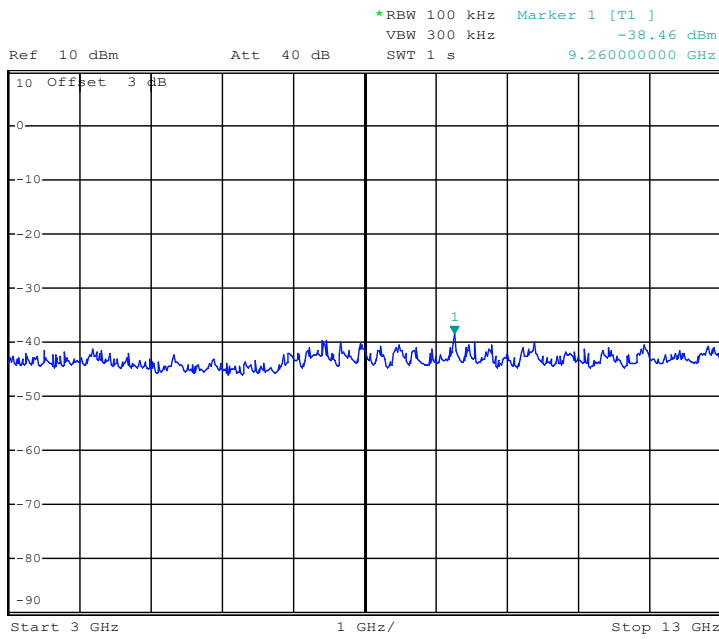
TX frequency: 2402MHz 2Ms/s



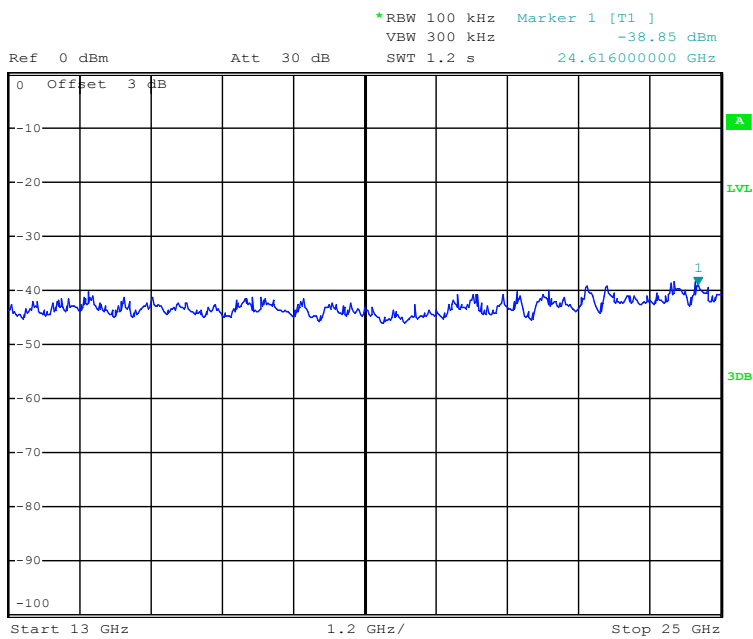
Date: 7.MAY.2020 05:04:23



Date: 7.MAY.2020 05:05:05

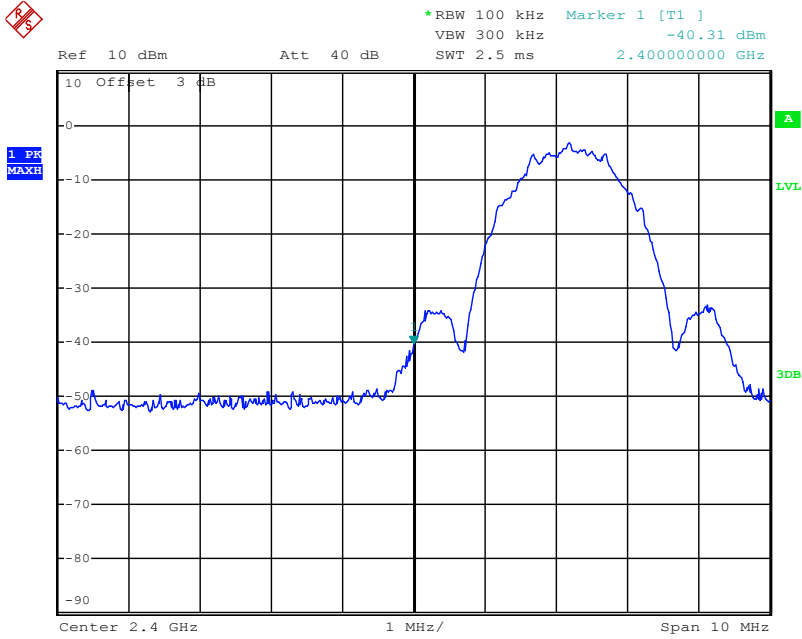


Date: 7.MAY.2020 05:05:39



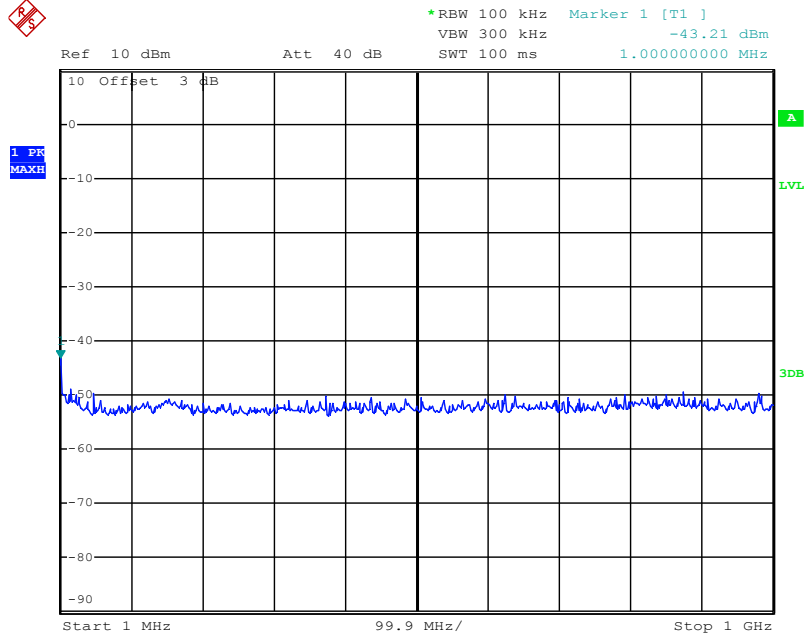
Date: 7.MAY.2020 05:06:26



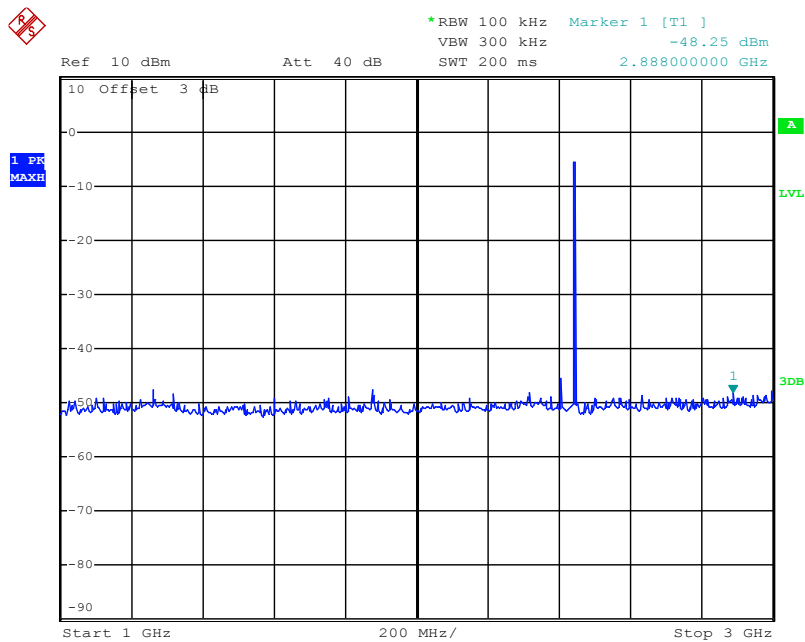


Date: 7.MAY.2020 05:07:04

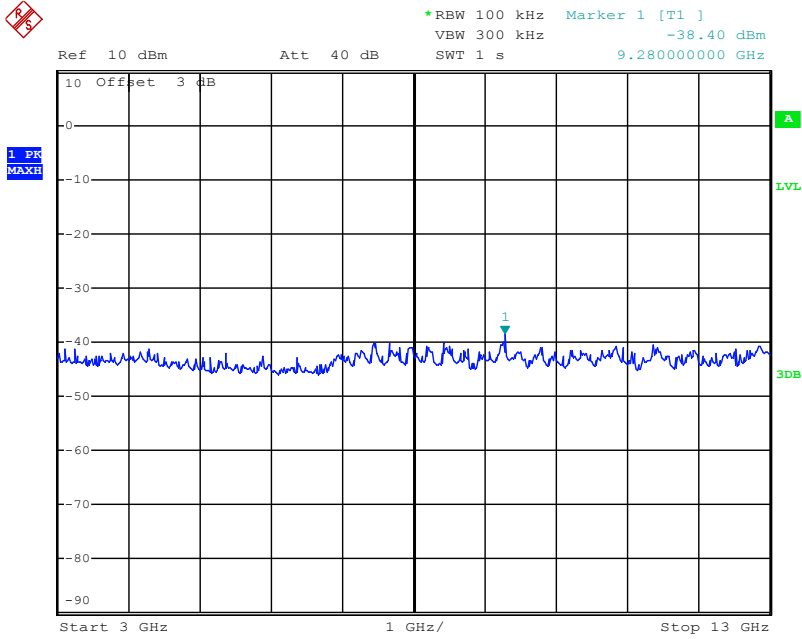
TX frequency: 2440MHz 2Ms/s



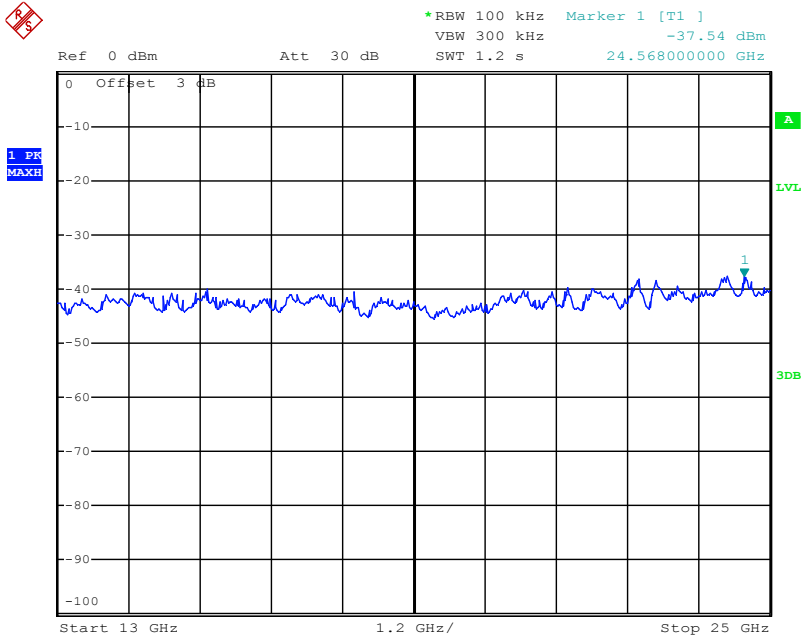
Date: 7.MAY.2020 05:12:44



Date: 7.MAY.2020 05:13:26

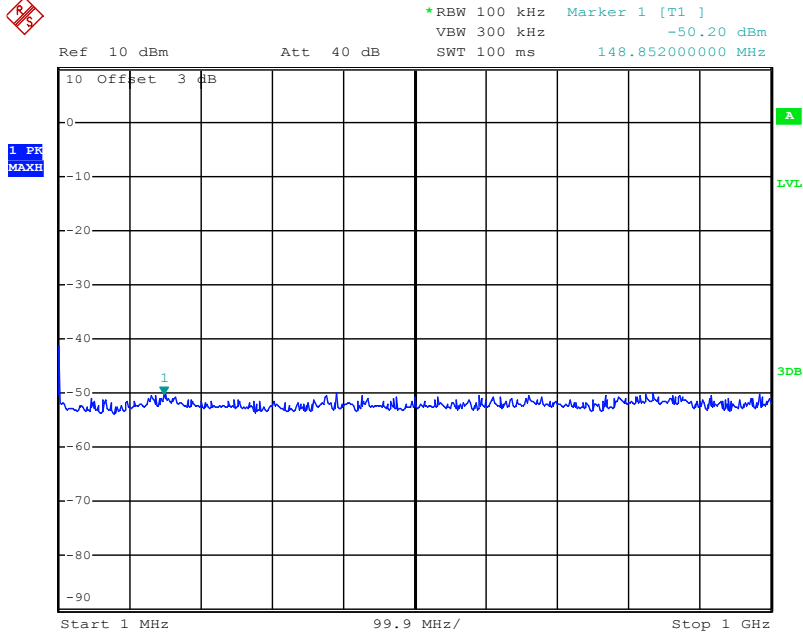


Date: 7.MAY.2020 05:13:55

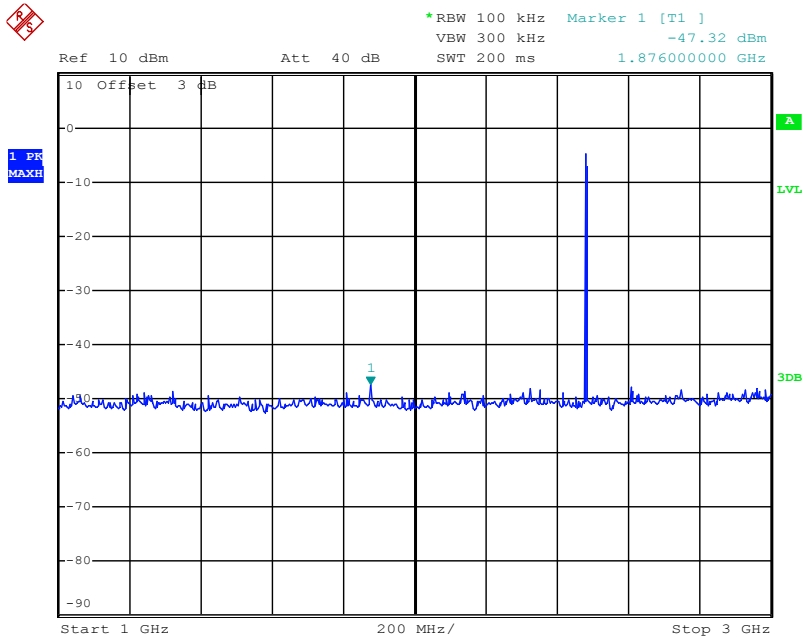


Date: 7.MAY.2020 05:15:49

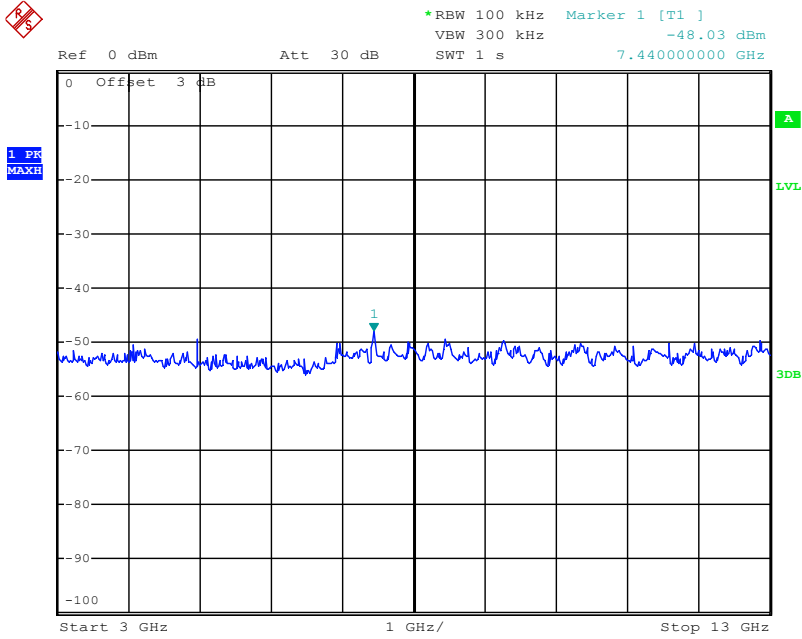
TX frequency: 2480MHz 2Ms/s



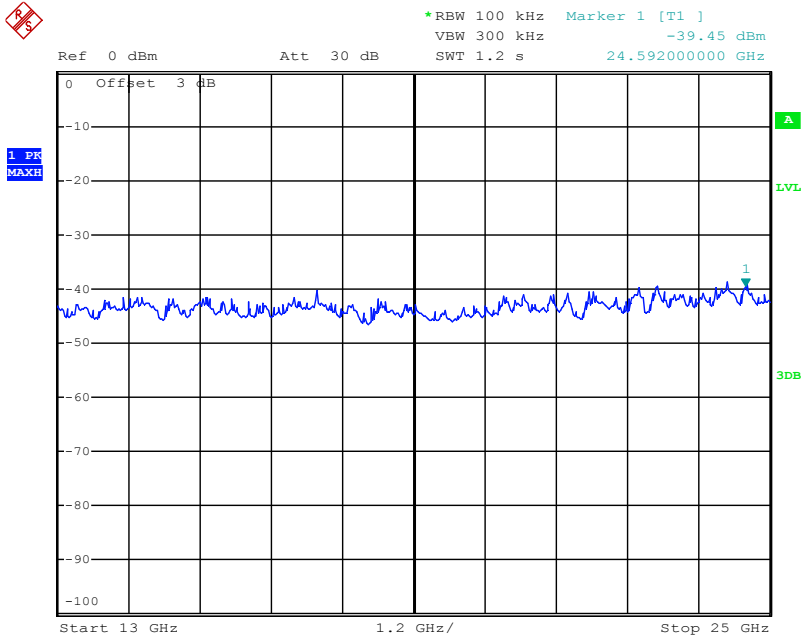
Date: 8.MAY.2020 06:26:56



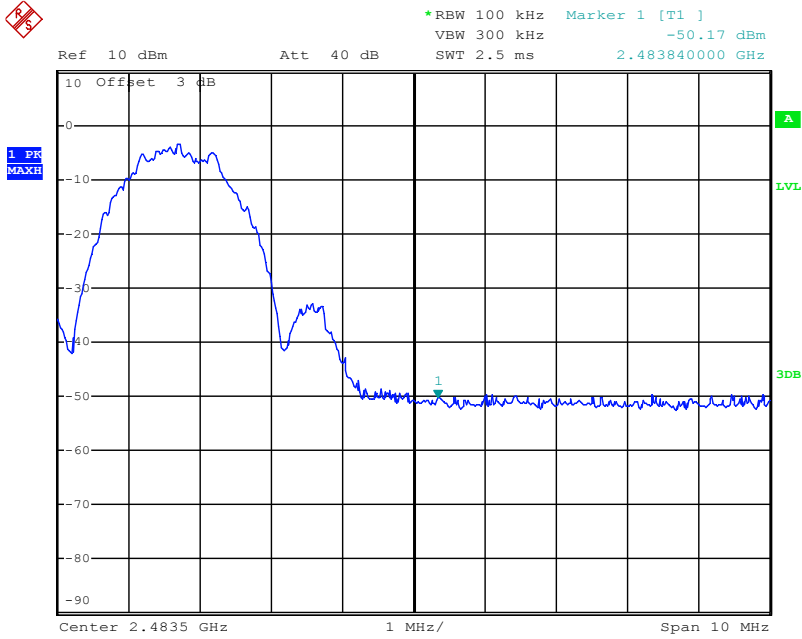
Date: 8.MAY.2020 06:27:43



Date: 8.MAY.2020 06:28:30



Date: 8.MAY.2020 06:28:53



Date: 8.MAY.2020 06:29:31