

RADIO REPORT FCC 47 CFR Part 22H, FCC 47 CFR Part 24E, FCC 47 CFR Part 27	
Report Reference No	G0M-2104-9762-TFCMOCORSE-V01
Testing Laboratory	Eurofins Product Service GmbH
Address	Storkower Str. 38c 15526 Reichenwalde Germany
Accreditation	  DAKKS - Registration number : D-PL-12092-01-04 (FCC) FCC Filed Test Laboratory, Reg.-No.: 96970
Applicant	Webfleet Solutions B.V.
Address	De Ruijterkade 154 1011 AC Amsterdam Netherlands
Test Specification	47 CFR Part 22H 47 CFR Part 24E 47 CFR Part 27
Non-Standard Test Method	None
Equipment under Test (EUT):	
Product Description	Telematic Device with GSM+LTE+GNSS+OBD connector
Model(s)	L0240
Additional Model(s)	None
Brand Name(s)	LINK 240
Hardware Version(s)	48/2019
Software Version(s)	2.1
FCC ID	2AGPAL0240
IC	-/-
Test Result	PASSED

Possible test case verdicts:		
Required by standard but not tested	N/T	
Not required by standard	N/R	
Not applicable to EUT	N/A	
Test object does meet the requirement	P(PASS)	
Test object does not meet the requirement	F(FAIL)	
Testing:		
Test Lab Temperature	20 °C – 23 °C	
Test Lab Humidity	32 % – 38 %	
Date of receipt of test item	2021-04-29	
Report:		
Compiled by	Florian Voigt	
Tested by (+ signature) (Responsible for Test)	Florian Voigt supervised by Burkhard Pudell	 
Approved by (+ signature) (Deputy Head of Lab)	Toralf Jahn	
Date of Issue	2021-10-07	
Total number of pages	85	
General Remarks:		
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. This report shall not be reproduced, except in full, without the written approval of the Issuing testing laboratory.		
Additional Comments:		
EUT supports supply voltages of 12V to 24V. Only supply voltage of 12V is tested.		

VERSION HISTORY

Version History			
Version	Issue Date	Remarks	Revised By
01	2021-10-07	Initial Release	

ABBREVIATIONS AND ACRONYMS

Acronyms	
Acronym	Description
EUT	Equipment Under Test
FCC	Federal Communications Commission
ISED	Innovation, Science and Economic Development Canada
RBW	Resolution bandwidth
RMS	Root mean square
VBW	Video bandwidth
V _{NOM}	Nominal supply voltage

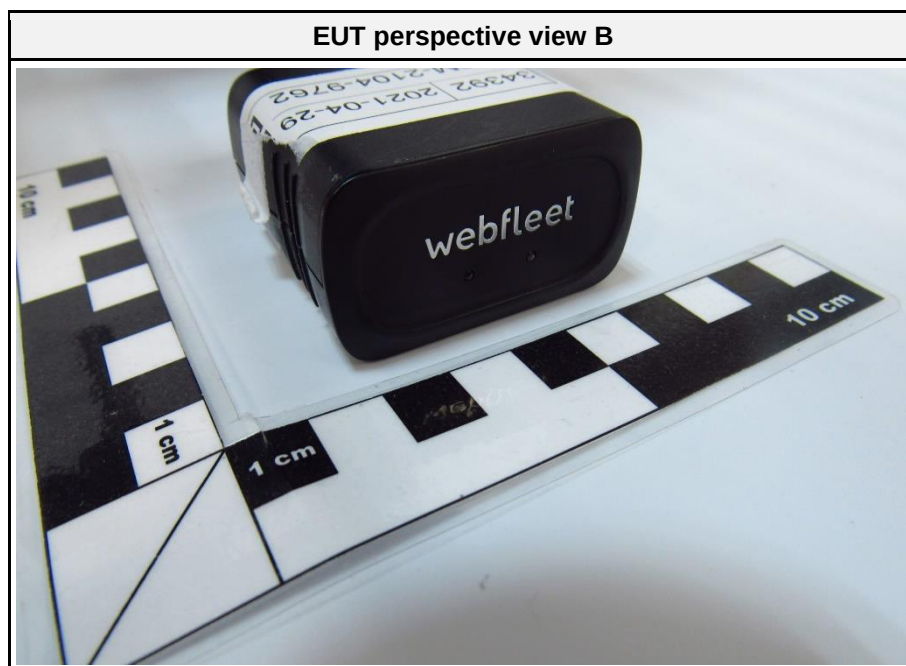
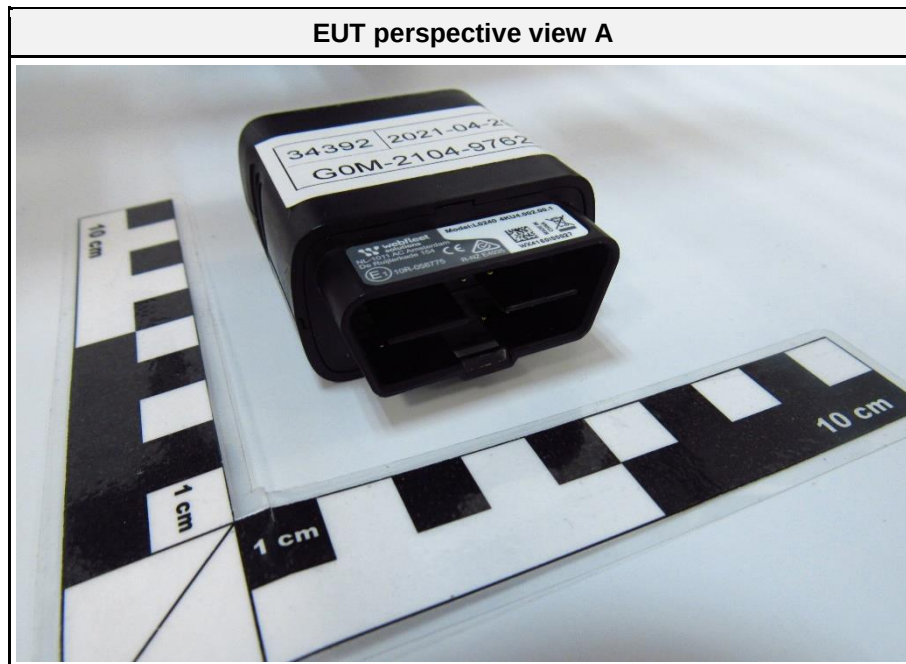
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1 Equipment (Test Item) Under Test

Description	Telematic Device with GSM+LTE+GNSS+OBD connector	
Model	L0240	
Additional Model(s)	None	
Brand Name(s)	LINK 240	
Serial Number(s)	WX4160100027	
Test Sample Id(s)	34392	
Hardware Version(s)	48/2019	
Software Version(s)	2.1	
PMN	-/-	
HVIN	-/-	
FVIN	-/-	
HMN	-/-	
IC	-/-	
FCC ID	2AGPAL0240	
Equipment type	End Product	
Radio type	Transceiver	
Radio technologies	GSM, Cat M1 LTE, Cat. NB1: disabled	
GSM frequency bands	GSM 850 : UL = 824 - 849 MHz DL = 869 – 894 MHz GSM 1900 : UL = 1850 – 1910 MHz DL = 1930 – 1990 MHz	
GSM Modulations	GMSK	
LTE frequency bands	LTE FDD2 : UL = 1850 - 1910 MHz, DL = 1930 - 1990 MHz LTE FDD4 : UL = 1710 - 1755 MHz, DL = 2110 - 2155 MHz LTE FDD12 : UL = 699 - 716 MHz, DL = 729 - 746 MHz LTE FDD13 : UL = 777 - 787 MHz, DL = 746 - 756 MHz LTE FDD5 : disabled LTE FDD25: disabled LTE FDD26: disabled LTE FDD66: disabled LTE FDD71: disabled	
LTE Modulations	QPSK, 16-QAM	
Number of modules	1	
Radio Module	Type	NB-IoT, LTE-CatM1, GSM radio module
	Model	EXS82
	Manufacturer	Gematlo (Thales)
	HW Version	A100
	SW Version	01.000
	FCC-ID	QIPEXS82-W
	IC	7830A-EXS82W
Antenna	Type	Integrated antenna
	Model	PCS.43.A
	Manufacturer	Taoglas
	Gain	-3.2
Supply Voltage	V _{NOM}	12/24 VDC
AC/DC-Adaptor	None	
Manufacturer	Webfleet Solutions B.V. De Ruijterkade 154 1011 AC Amsterdam Netherlands	

1.1 Photos – Equipment External



EUT front side view



EUT back side view

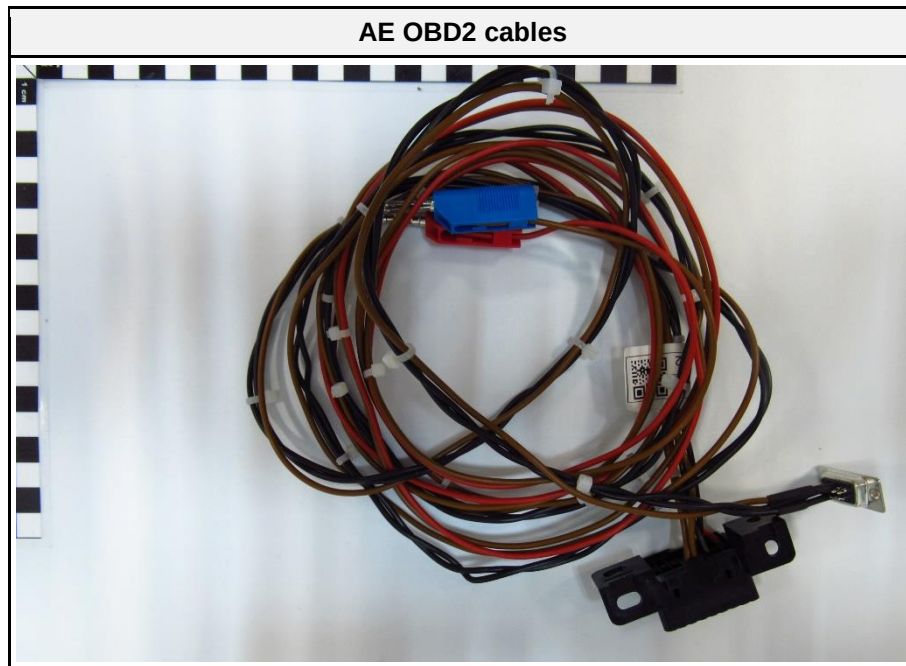


EUT top view

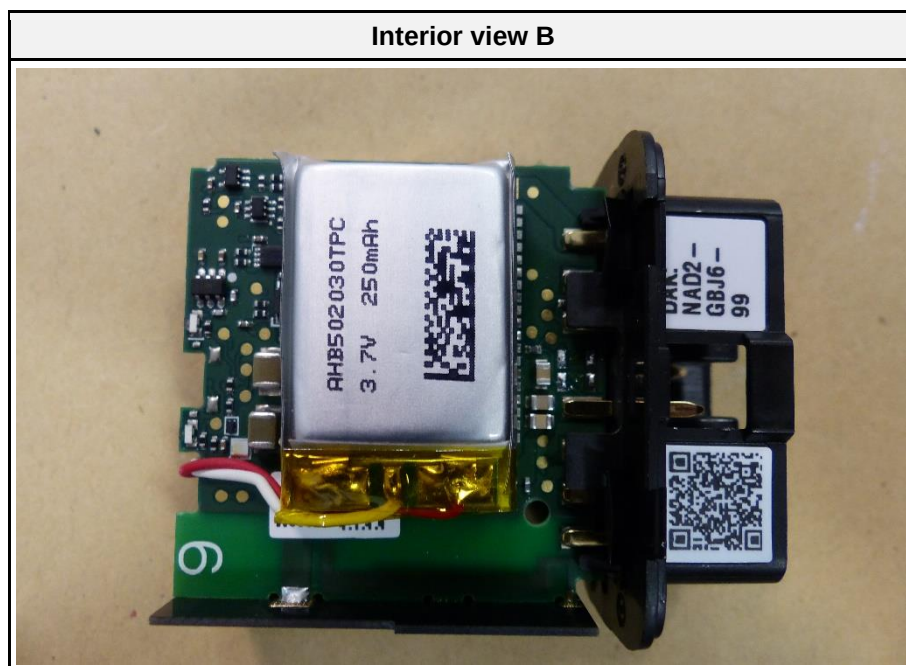
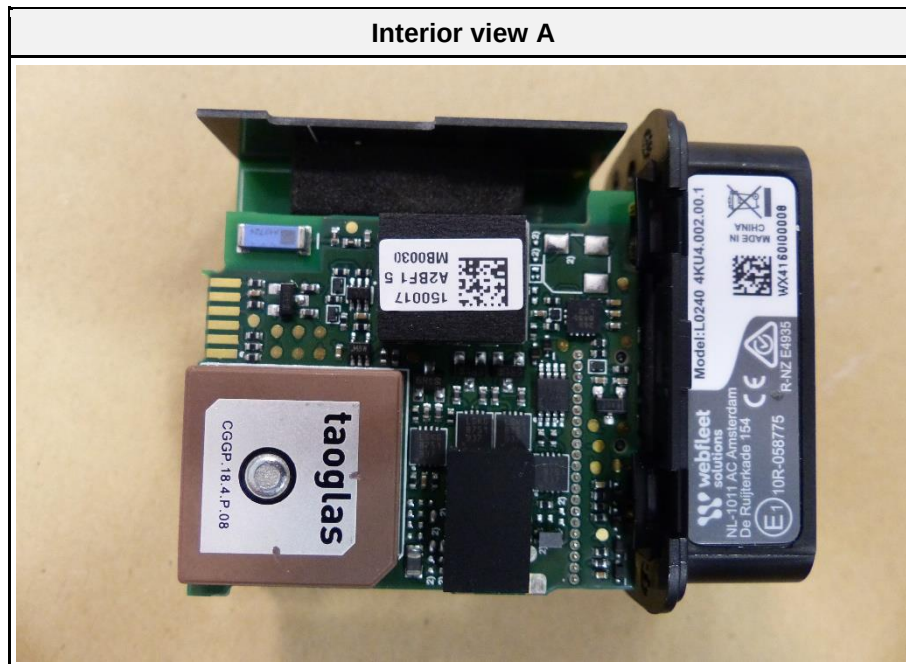


EUT bottom view

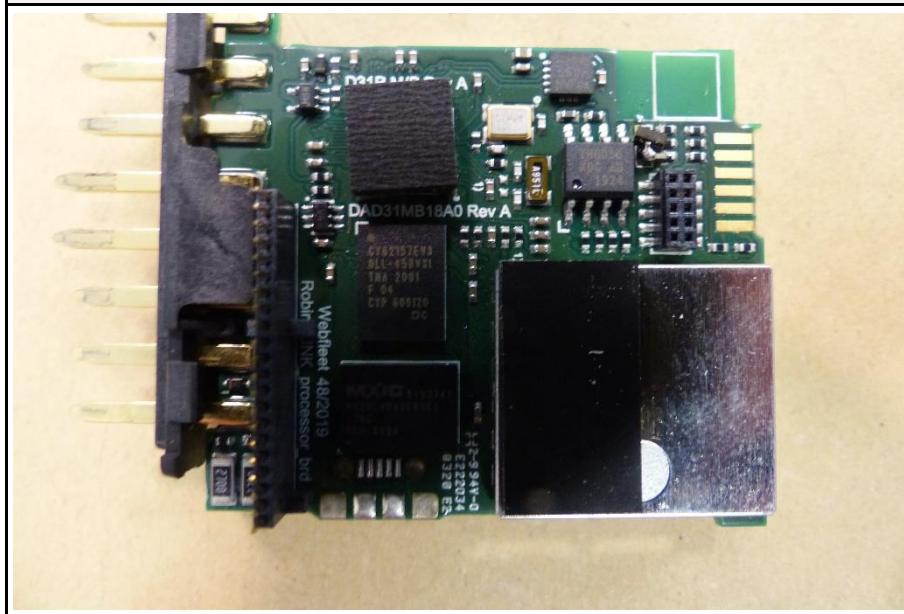




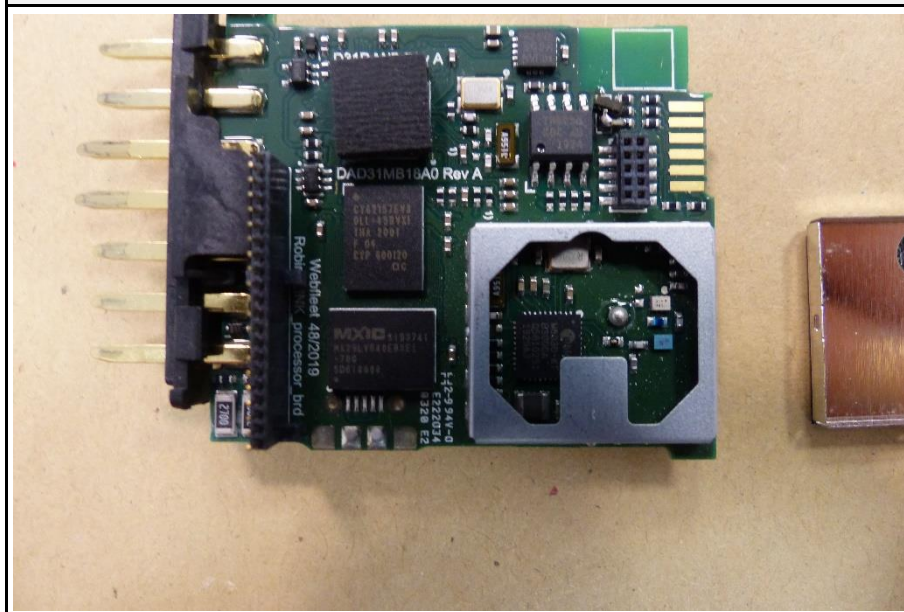
1.2 Photos – Equipment Internal



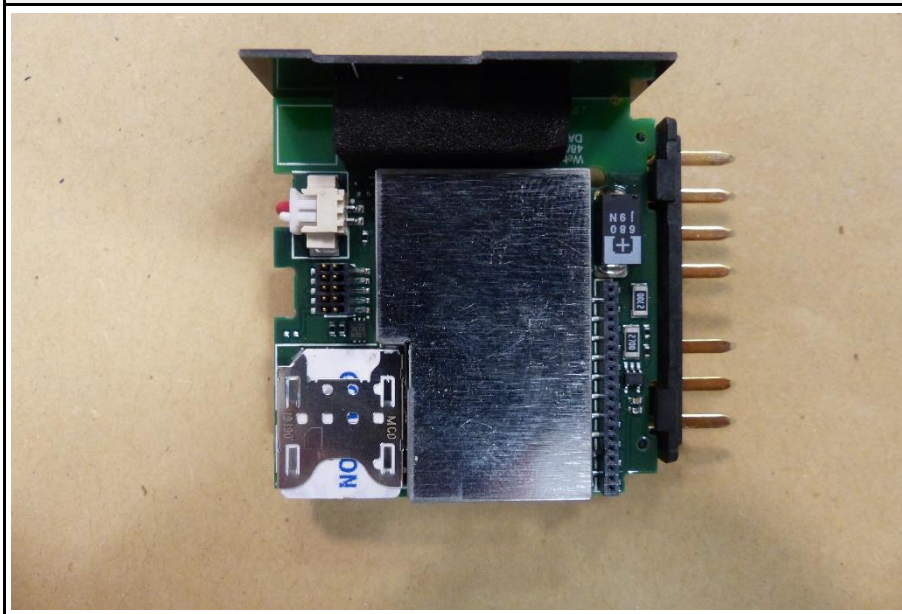
Interior view C



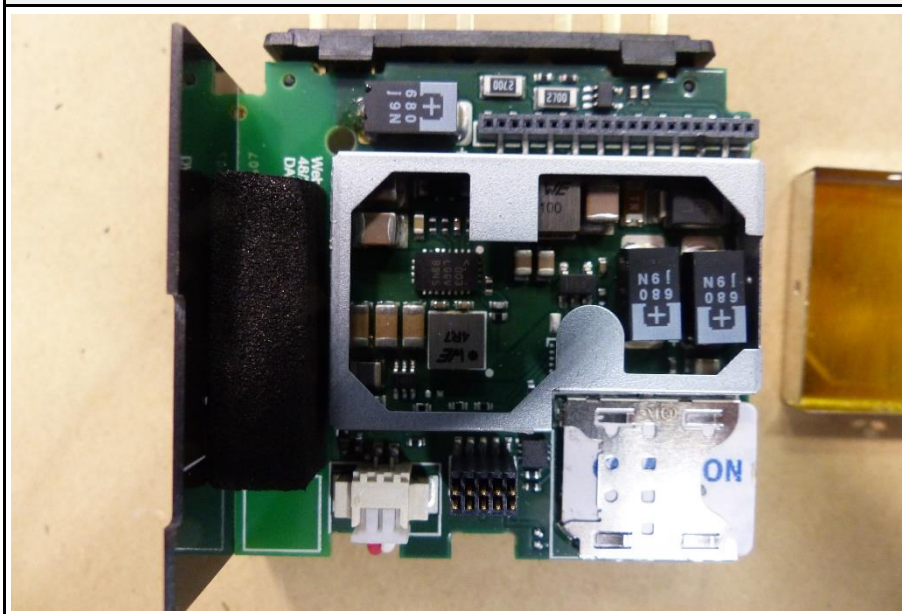
Interior view D



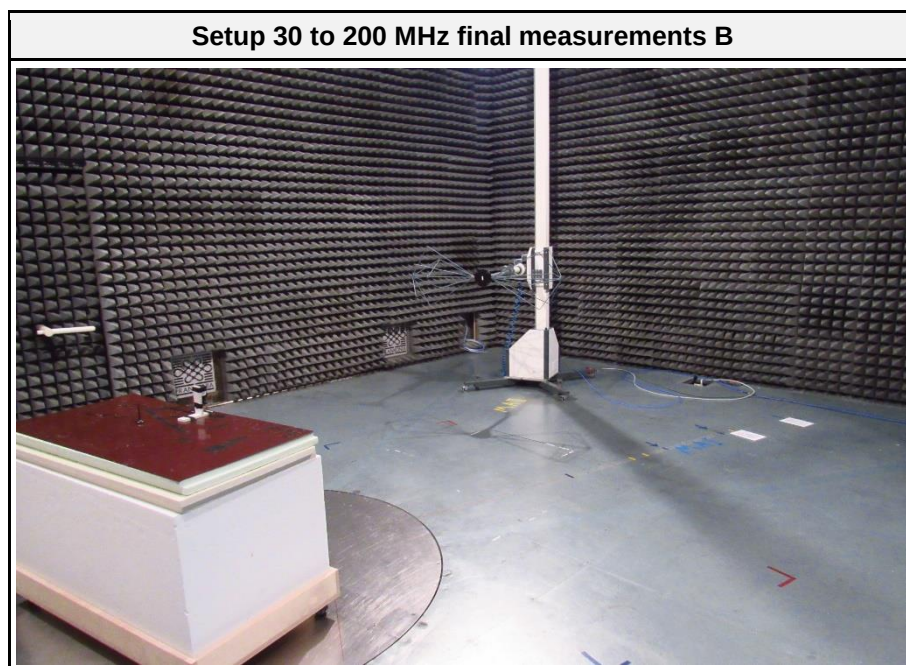
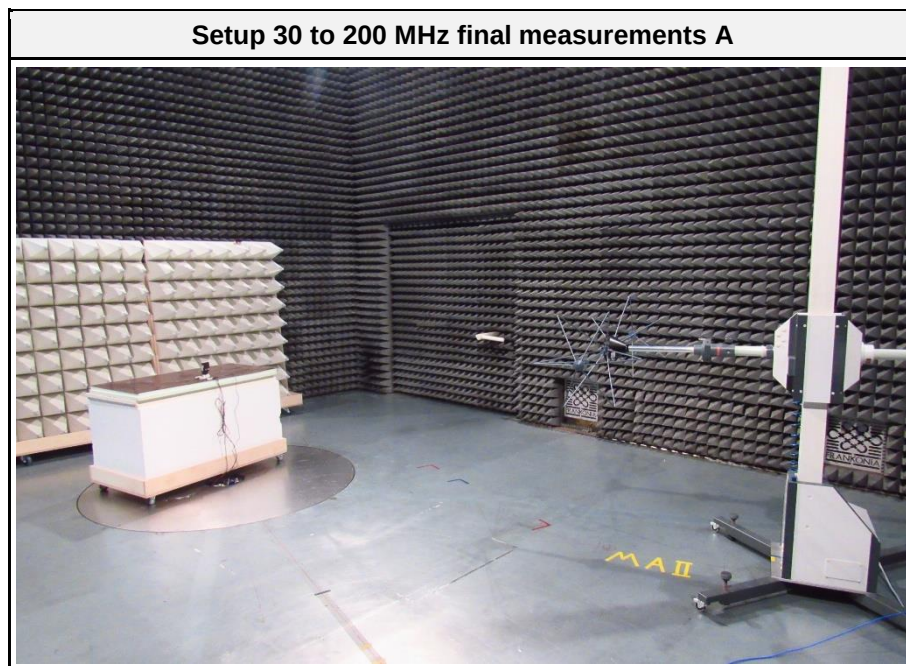
Interior view E



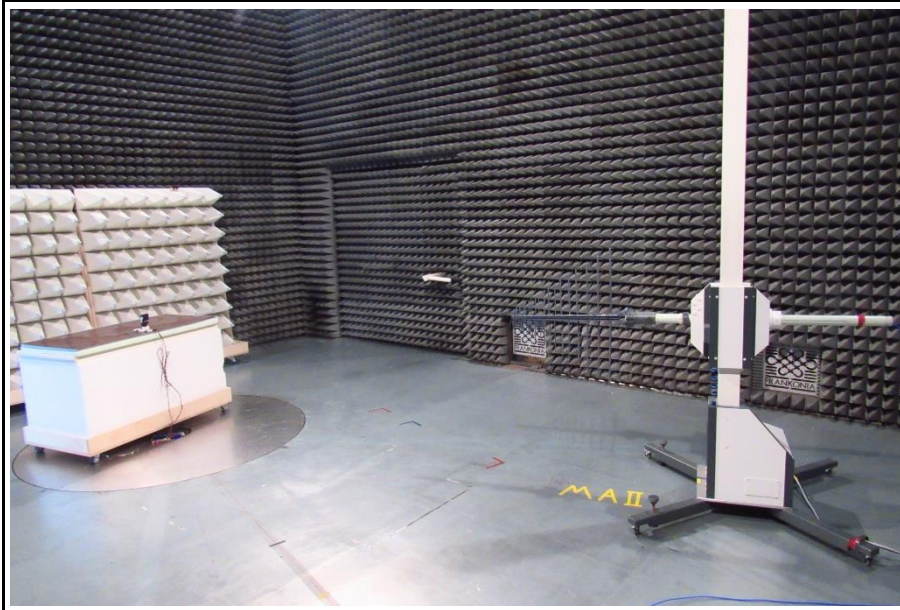
Interior view F



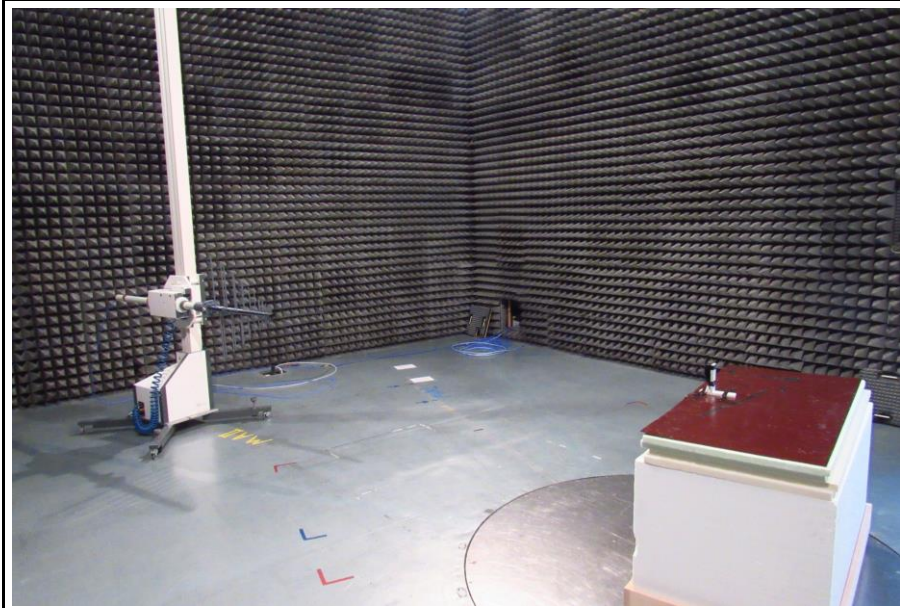
1.3 Photos – Test setup



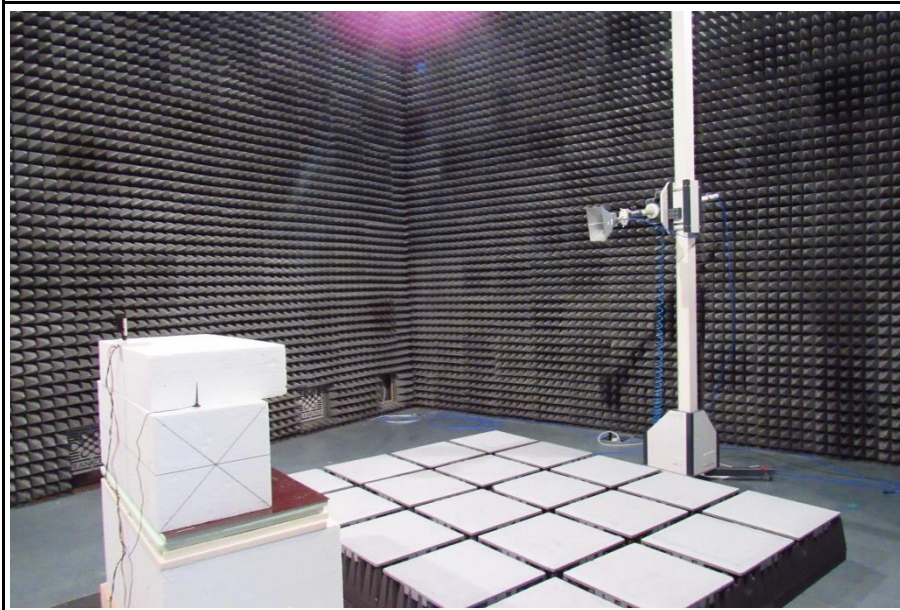
Setup 200 to 1000 MHz final measurements A



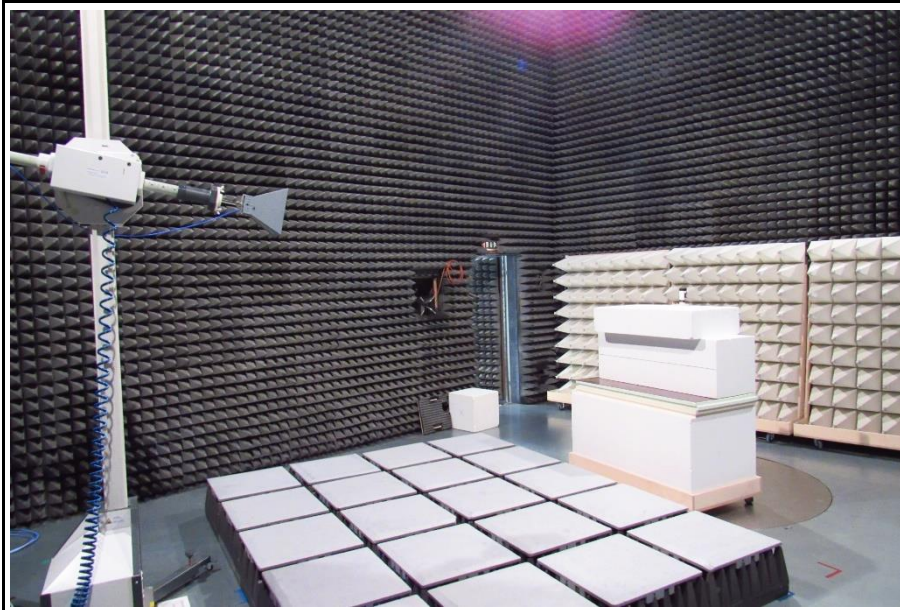
Setup 200 to 1000 MHz final measurements B



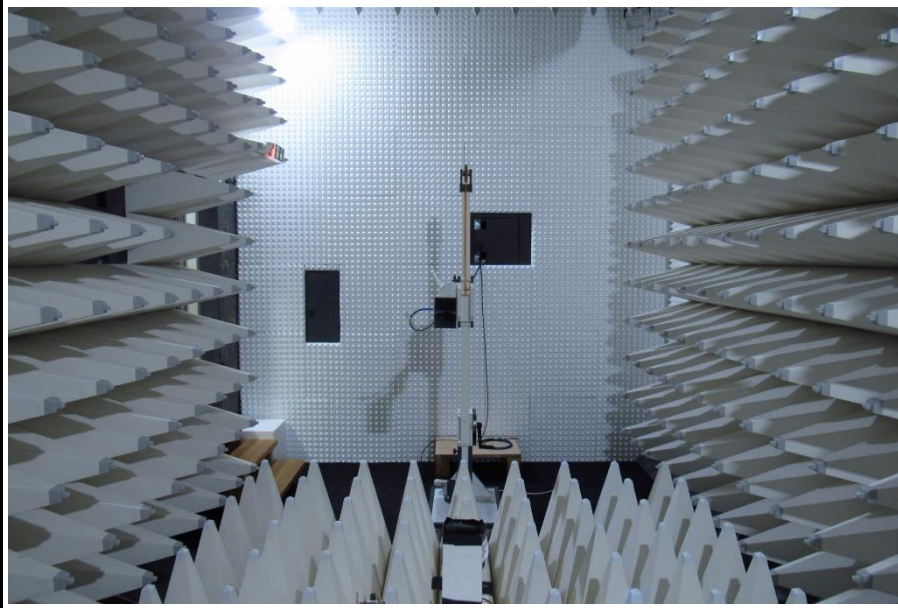
Setup 1 to 4 GHz final measurements A



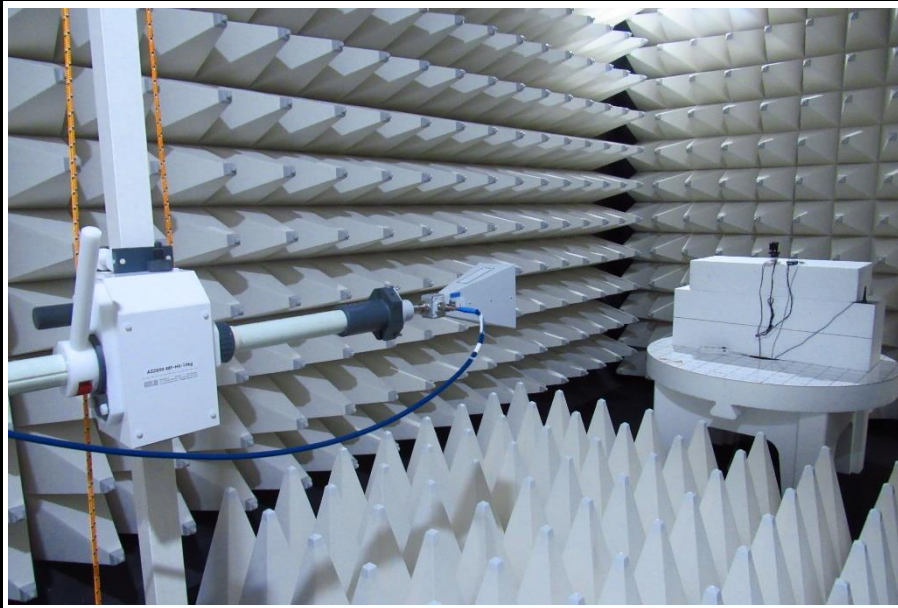
Setup 1 to 4 GHz final measurements B



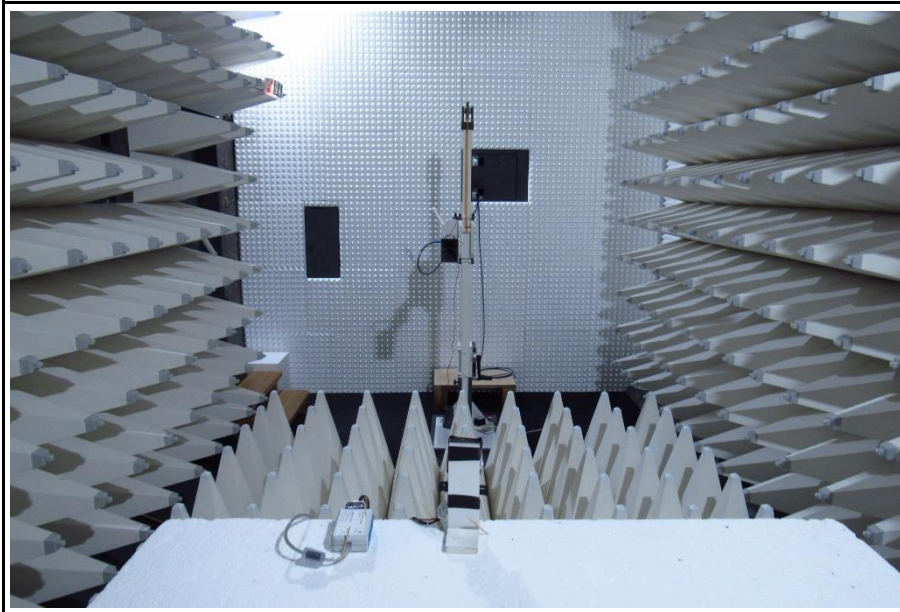
Setup 1 to 8 GHz pre measurements A



Setup 1 to 8 GHz pre measurements B



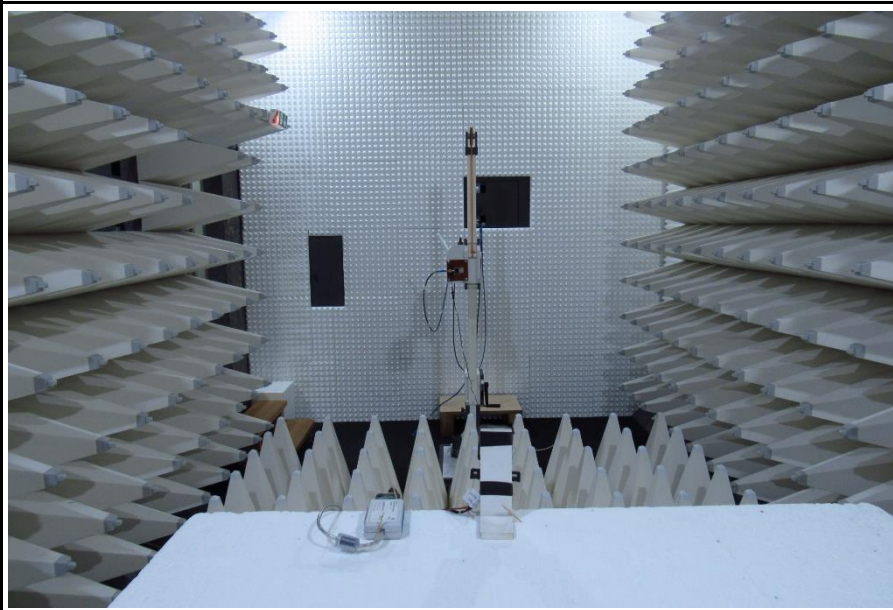
Setup 8 to 18 GHz pre measurements A



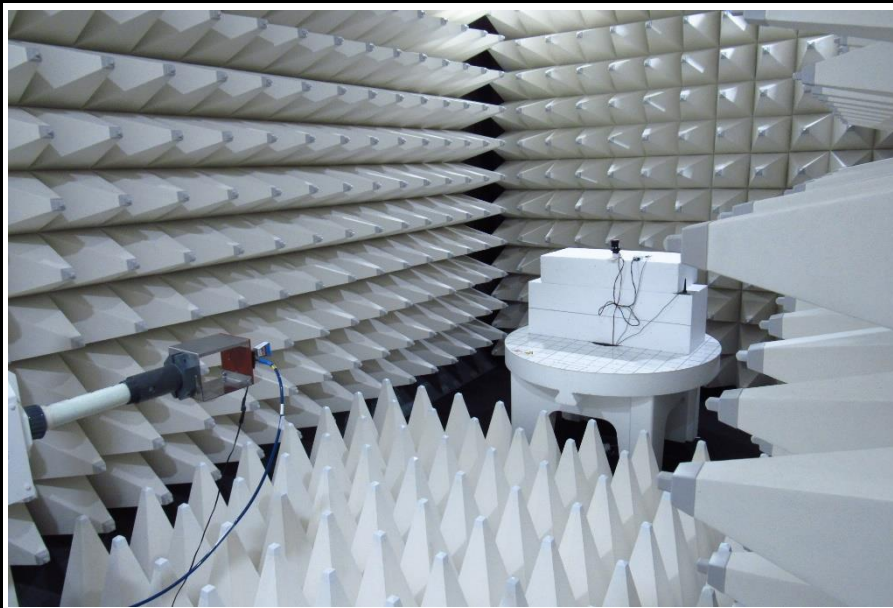
Setup 8 to 18 GHz pre measurements B



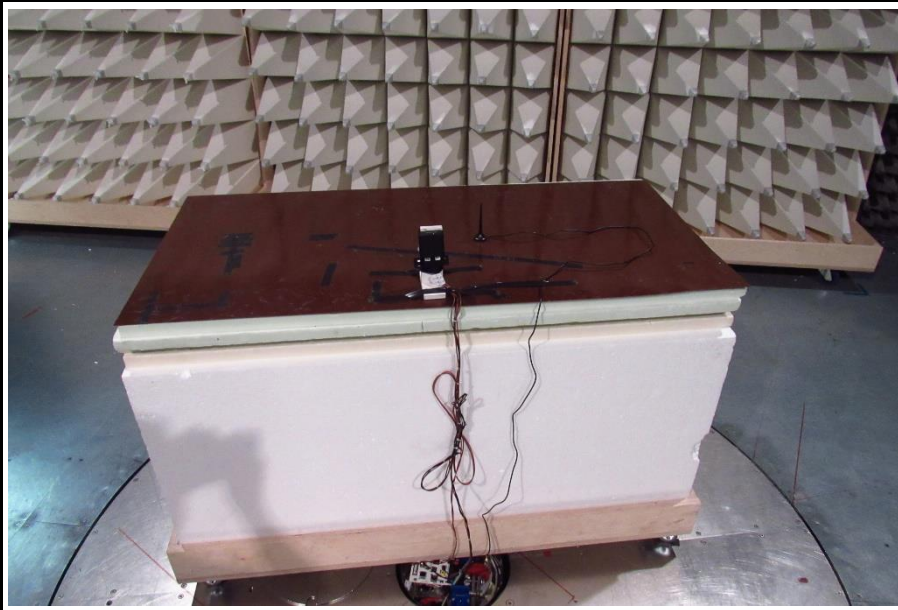
Setup 18 to 26.5 GHz pre measurements A



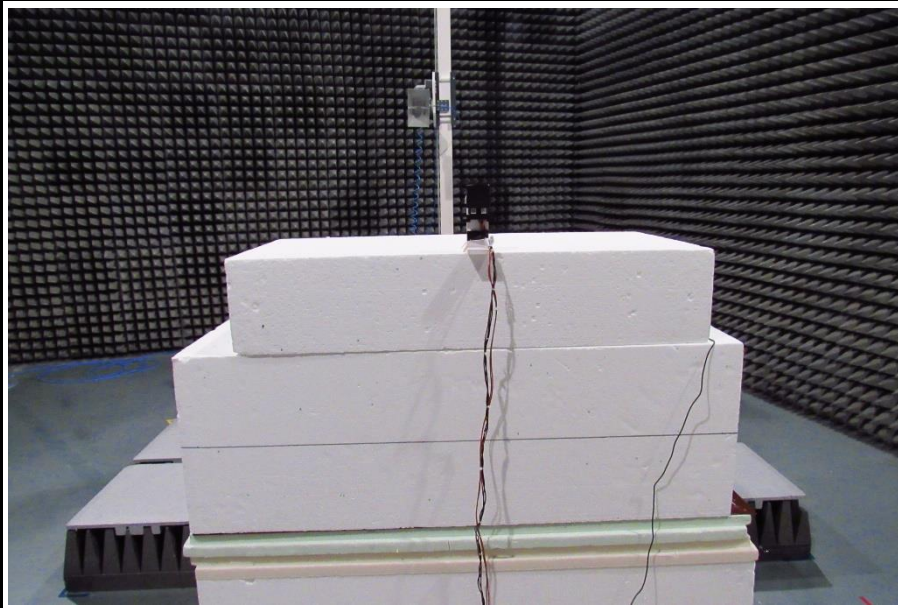
Setup 18 to 26.5 GHz pre measurements B



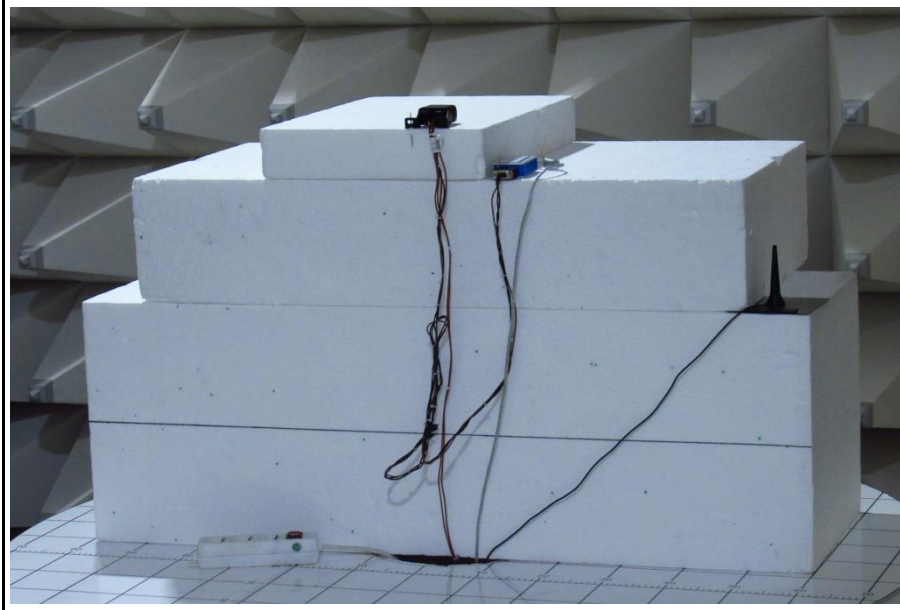
Setup EUT view below 1 GHz final measurements



Setup EUT view above 1 GHz final measurements



Setup EUT view above 1 GHz pre measurements



1.4 Support Equipment

Product Type	Device	Manufacturer	Model	Comment
SIM	Communication Tester	R&S	CMW500	Base Station Simulator
SIM	Communication Tester	R&S	CBT	Bluetooth signaling unit
AE	USB to CAN bridge	IXXAT	USB to CAN V2	
AE	Laptop	Lenovo	T440	
AE	Laptop power supply	Delta electronics Inc.	ADLX45NDC3A	
Description:				
AE	Auxiliary Equipment			
SIM	Simulator			
CBL	Connecting Cable			
SFT	Software			
Comment:				

1.5 Test Modes

Mode	Description
GSM850 / GMSK	Channel = 189 Mode = Transmit Power = Maximum, Gamma 3 Modulation = GMSK Number of time slots = 2 Duty cycle = 25 %
GSM1900 / GMSK	Channel = 810 Mode = Transmit Power = Maximum, Gamma 3 Modulation = GMSK Number of time slots = 2 Duty cycle = 25 %
LTE FDD2 / QPSK	Channel = 19100 Mode = RMC TPC = All 1 Modulation = QPSK Bandwidth = 20 MHz Number of resource blocks = 1 Resource block offset = 5 Narrowband Index = 12 Duty cycle = 30 %
LTE FDD2 / QAM	Channel = 18900 Mode = RMC TPC = All 1 Modulation = 16-QAM Bandwidth = 20 MHz Number of resource blocks = 1 Resource block offset = 0 Narrowband Index = 0 Duty cycle = 30 %
LTE FDD2 / PMAX	Channel = 18900 Mode = RMC TPC = All 1 Modulation = 16-QAM Bandwidth = 5 MHz Number of resource blocks = 1 Resource block offset = 5 Narrowband Index = 1 Duty cycle = 30 %

LTE FDD4 / QPSK	Channel = 20175 Mode = RMC TPC = All 1 Modulation = QPSK Bandwidth = 20 MHz Number of resource blocks = 1 Resource block offset = 0 Narrowband Index = 0 Duty cycle = 30 %
LTE FDD4 / QAM	Channel = 20175 Mode = RMC TPC = All 1 Modulation = 16-QAM Bandwidth = 20 MHz Number of resource blocks = 1 Resource block offset = 0 Narrowband Index = 0 Duty cycle = 30 %
LTE FDD4 / PMAX	Channel = 20175 Mode = RMC TPC = All 1 Modulation = QPSK Bandwidth = 20 MHz Number of resource blocks = 6 Resource block offset = 0 Narrowband Index = 7 Duty cycle = 30 %
LTE FDD12 / QPSK	Channel = 23060 Mode = RMC TPC = All 1 Modulation = QPSK Bandwidth = 20 MHz Number of resource blocks = 1 Resource block offset = 0 Narrowband Index = 3 Duty cycle = 30 %
LTE FDD12 / QAM	Channel = 23060 Mode = RMC TPC = All 1 Modulation = 16-QAM Bandwidth = 20 MHz Number of resource blocks = 1 Resource block offset = 0 Narrowband Index = 3 Duty cycle = 30 %
LTE FDD12 / PMAX	Channel = 23095 Mode = RMC TPC = All 1 Modulation = QPSK Bandwidth = 5 MHz Number of resource blocks = 1 Resource block offset = 5 Narrowband Index = 1 Duty cycle = 30 %

LTE FDD13 / QPSK	Channel = 23230 Mode = RMC TPC = All 1 Modulation = QPSK Bandwidth = 10 MHz Number of resource blocks = 5 Resource block offset = 0 Narrowband Index = 0 Duty cycle = 30 %
LTE FDD13 / QAM	Channel = 23230 Mode = RMC TPC = All 1 Modulation = 16-QAM Bandwidth = 10 MHz Number of resource blocks = 5 Resource block offset = 0 Narrowband Index = 0 Duty cycle = 30 %
LTE FDD13 / PMAX	Channel = 23230 Mode = RMC TPC = All 1 Modulation = 16-QAM Bandwidth = 5 MHz Number of resource blocks = 1 Resource block offset = 5 Narrowband Index = 1 Duty cycle = 30 %
Comment: Above worst case scenarios were found in module grant and associated module test report: 191019004RFM-3, 2019-12-21 issued by Shenzhen UnionTrust Quality and Technology Co. Ltd.	

1.6 Sample emission level calculation

The following is a description of terms and a sample calculation, as appears in the radiated emissions data table. The numbers used in the calculation are for example only. There is no direct correlation to the specific data taken for the product described in this document:

Reading:

This is the reading obtained on the spectrum analyzer in dBμV. Any external preamplifiers used are taken into account through internal analyzer settings.

A.F.:

This is the antenna factor for the receiving antenna. It is a conversion factor, which converts electric fields strengths to voltages, which can be measured directly on the spectrum analyzer. It is treated as a loss in dB. Cable losses have been included with the A.F. to simplify the calculations. The antenna factor is used in calculations as follows:

$$\text{Reading on Analyzer (dB}\mu\text{V)} + \text{A.F. (dB)} = \text{Net field strength (dB}\mu\text{V/m)}$$

Net:

This is the net field strength measurement (as shown above).

Limit:

This is the FCC Class B radiated emission limit (in units of dBμV/m). The FCC limits are given in units of μV/m. The following formula is used to convert the units of μV/m to dBμV/m:

$$\text{Limit (dB}\mu\text{V/m)} = 20 \cdot \log(\mu\text{V/m})$$

Margin:

This is the margin of compliance below the FCC limit. The units are given in dB. A negative margin indicates the emission was below the limit. A positive margin indicates that the emission exceeds the limit.

Example only:

Reading + AF	= Net Reading	:	Net reading	- FCC limit	= Margin
+21.5 dBμV	+ 26 dB = 47.5 dBμV/m	:	47.5 dBμV/m	- 57.0 dBμV/m	= -9.5 dB

2 Result Summary

Test Summary)				
Product Standard Reference	Requirement	Reference Method	Result	Remarks
47 CFR §22.913 47 CFR §24.232 47 CFR §27.50	Radiated power	ANSI C63.26 KDB 971168	PASS	
47 CFR §22.917 47 CFR §24.238 47 CFR §27.53	Transmitter conducted emissions	ANSI C63.26 KDB 971168	N/T	Non removable integrated antenna
47 CFR §22.917 47 CFR §24.238 47 CFR §27.53	Transmitter radiated emissions	ANSI C63.26 KDB 971168	PASS	
Comment:				

Possible Test Case Verdicts	
PASS	Test object does meet the requirements
FAIL	Test object does not meet the requirements
N/T	Required by standard but not tested
N/R	Not required by standard for the test object

3 Test Conditions and Results

3.1 Test Conditions and Results - Radiated power

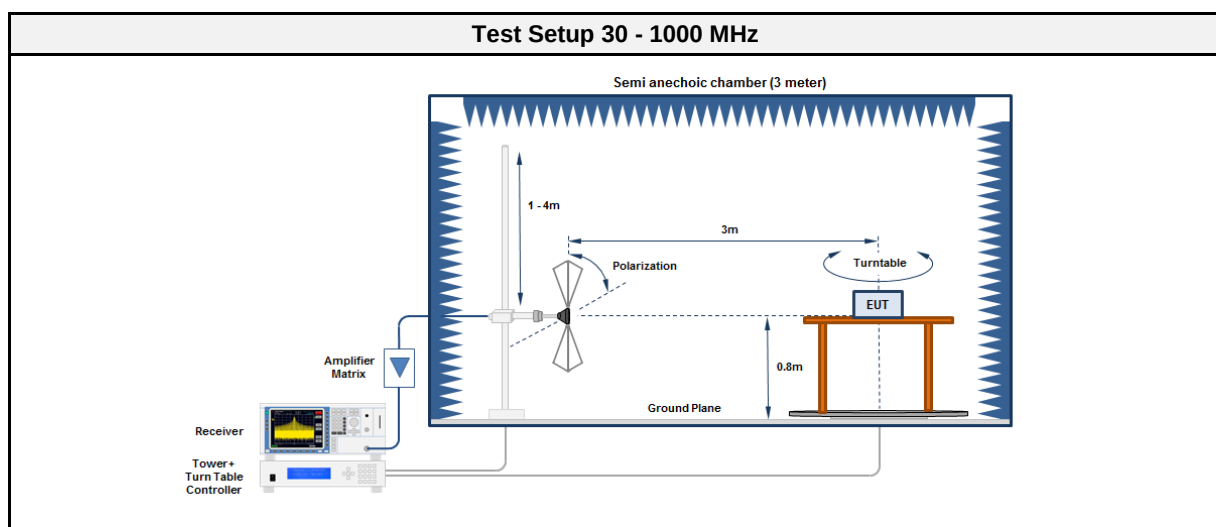
3.1.1 Information

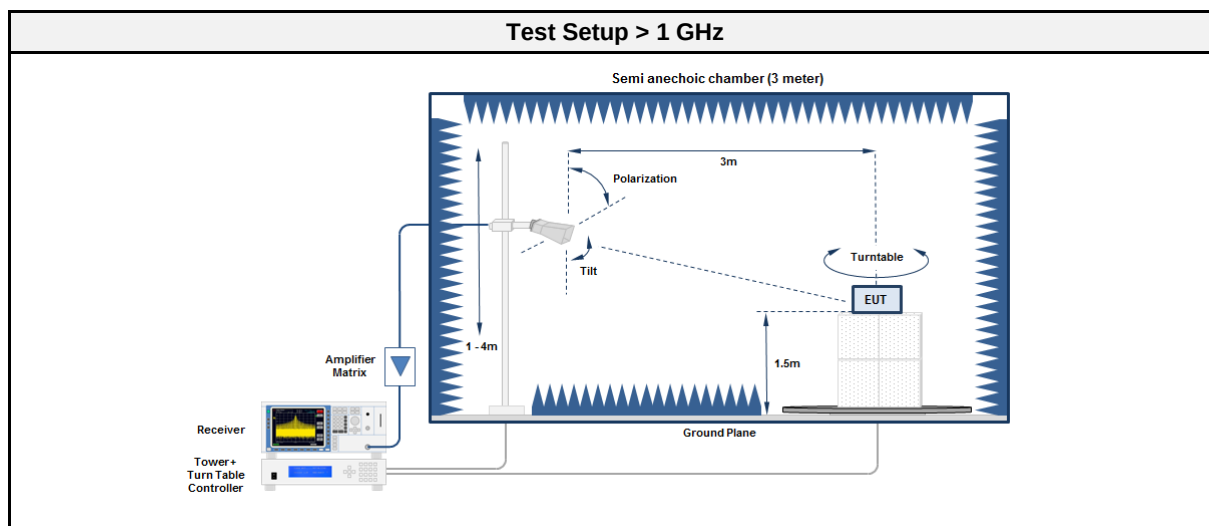
Test Information	
Reference	47 CFR §22.913 47 CFR §24.232 47 CFR §27.50 ISED RSS-132 §5.4 ISED RSS-133 §6.4 ISED RSS-139 §6.5 ISED RSS-130 §4.6
Measurement Method	FCC KDB 971168 D01 Section 5 ANSI C63.26-2015 5.2
Measurement Uncertainty	± 5.95 dB
Operator	Florian Voigt
Date	2021-08-27
Comment: Results of test modes "LTE FDDxx / PMAx" are new measurements. All other results are calculated based on customer declared antenna gain and conducted output power measurement results found in the modular approval test report.	

3.1.2 Limits

Limits - Portable equipment					
Band	Frequency range [MHz]	Power limit [dBm ERP]	Power limit [W ERP]	Power limit [dBm EIRP]	Power limit [W EIRP]
GSM850	824 - 849	38.45	7	40.6	11.5
GSM1900	1850 - 1910	30.85	1.22	33	2
LTE FDD2	1850 - 1910	30.85	1.22	33	2
LTE FDD4	1710 - 1780	27.85	0.61	30	1
LTE FDD12	699 - 716	34.77	3	36.92	4.92
LTE FDD13	777 - 787	34.77	3	36.92	4.92

3.1.3 Setup





3.1.4 Procedure

Test Procedure - Calculation	
1.	The highest conducted output power for each radio technology, band, modulation and bandwidth is determined from the modular approval report
2.	The antenna gain for the corresponding transmission frequency is added to the conducted output power
3.	The calculated radiated power is compared to the transmitter output power limit

Test Procedure - Measurement	
1.	EUT set to test mode
2.	The radiated power is measured with a measurement antenna in vertical polarization
3.	To obtain maximum level the EUT is rotated
4.	The EUT is replaced with a half-wave dipole and the power to the dipole is adjusted to obtain same radiated power measurement value

3.1.5 Equipment

Test Equipment					
Description	Manufacturer	Model	Identifier	Cal. Date	Cal. Due
Anechoic Chamber	Frankonia	AC1	EF00062	2021-02	2024-02
Measurement Receiver	Agilent	N9038A-526/WXP	EF01070	2021-07	2022-07
Antenna	R&S	HL 223	EF00187	2019-05	2022-05
Antenna	Schwarzbeck	BBHA 9120D	EF00018	2019-10	2022-10

3.1.6 Results

Test Results - GSM850						
Mode	Power [dBm]	Antenna gain [dBi]	Radiated power [dBm EIRP]	Limit [dBm EIRP]	Margin [dB]	Result
GSM850 / GMSK	32.82	-3.2	29.62	40.6	-10.98	PASS

Test Results – GSM1900						
Mode	Power [dBm]	Antenna gain [dBi]	Radiated power [dBm EIRP]	Limit [dBm EIRP]	Margin [dB]	Result
GSM1900 / GMSK	28.49	-3.2	25.29	33.0	-7.71	PASS

Test Results - LTE FDD2						
Mode	Power [dBm]	Antenna gain [dBi]	Radiated power [dBm EIRP]	Limit [dBm EIRP]	Margin [dB]	Result
LTE FDD2 / PMAX	22.7 *1	---	22.7	33	-10.3	PASS
LTE FDD2 / QPSK	21.55	-3.2	18.35	33	-14.65	PASS
LTE FDD2 / QAM	21.75	-3.2	18.55	33	-14.45	PASS

Test Results - LTE FDD4						
Mode	Power [dBm]	Antenna gain [dBi]	Radiated power [dBm EIRP]	Limit [dBm EIRP]	Margin [dB]	Result
LTE FDD4 / PMAX	25.0 *1	---	25.0	30	-5.0	PASS
LTE FDD4 / QPSK	21.80	-3.2	18.60	30	-11.4	PASS
LTE FDD4 / QAM	21.25	-3.2	18.05	30	-11.95	PASS

Test Results - LTE FDD12						
Mode	Power [dBm]	Antenna gain [dBi]	Radiated power [dBm EIRP]	Limit [dBm EIRP]	Margin [dB]	Result
LTE FDD12 / PMAX	10.6 *2	---	12.75	36.92	-24.17	PASS
LTE FDD12 / QPSK	21.09	-3.2	17.89	36.92	-19.03	PASS
LTE FDD12 / QAM	21.34	-3.2	18.14	36.92	-18.78	PASS

Test Results - LTE FDD13						
Mode	Power [dBm]	Antenna gain [dBi]	Radiated power [dBm EIRP]	Limit [dBm EIRP]	Margin [dB]	Result
LTE FDD13 / PMAX	18.0 *2	---	20.15	36.92	-16.77	PASS
LTE FDD13 / QPSK	21.09	-3.2	17.89	36.92	-19.03	PASS
LTE FDD13 / QAM	21.31	-3.2	18.11	36.92	-18.81	PASS

*1: Radiated peak power measured in dBm e.i.r.p.

*2: Radiated peak power measured in dBm e.r.p.

3.2 Test Conditions and Results - Transmitter radiated emissions

3.2.1 Information

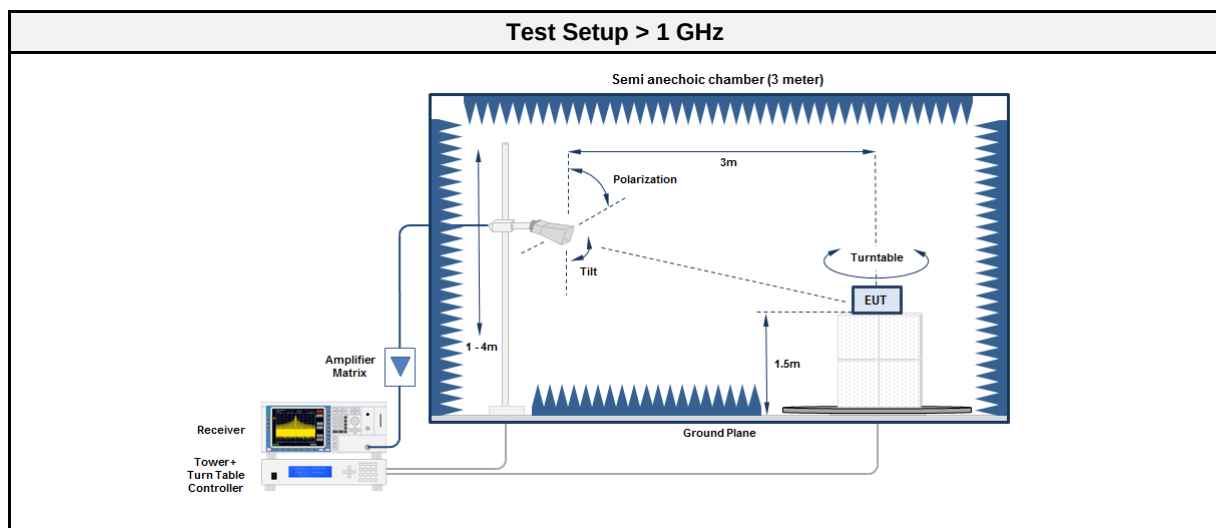
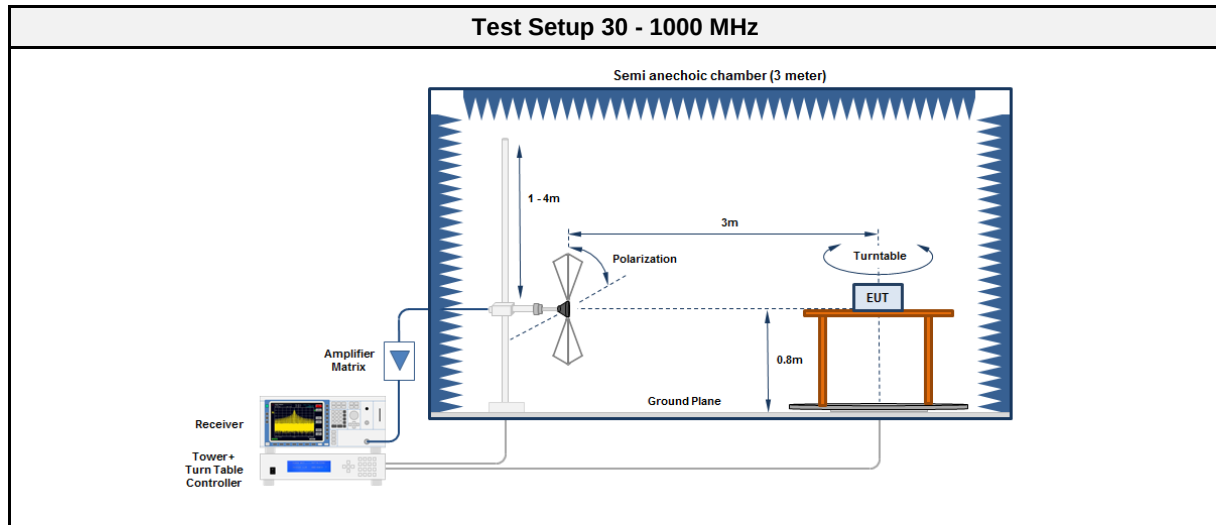
Test Information	
Reference	47 CFR §22.917 47 CFR §24.238 47 CFR §27.53 ISED RSS-132 §5.5 ISED RSS-133 §6.5 ISED RSS-139 §6.6 ISED RSS-130 §4.7
Measurement Method	FCC KDB 971168 D01 Section 7 ANSI C63.26-2015 5.5
Measurement Uncertainty	± 5.95 dB
Operator	Florian Voigt
Date	2021-08-24 - 2021-09-23
Comment: Measurements above 1 GHz were done in anechoic chamber AC2 as premeasurements. Results with a margin of less than 18 dB distance to the limit were validated with final measurements in anechoic chamber AC1.	

3.2.2 Limits

Limits FCC				
Band	Frequency range [MHz]	Bandwidth	Attenuation [dB]	Limit [dBm EIRP]
GSM850	-	100 kHz / 1 MHz	43+Log ₁₀ (P[W])	-13
GSM1900	-	1 MHz	43+Log ₁₀ (P[W])	-13
LTE FDD2	-	1 MHz	43+Log ₁₀ (P[W])	-13
LTE FDD4	-	1 MHz	43+Log ₁₀ (P[W])	-13
LTE FDD12	-	100 kHz	43+Log ₁₀ (P[W])	-13
LTE FDD13	-	100 kHz	43+Log ₁₀ (P[W])	-13
LTE FDD13	763-775	6.25 kHz	65+Log ₁₀ (P[W])	-35
LTE FDD13	793-805	6.25 kHz	65+Log ₁₀ (P[W])	-35
LTE FDD13	1559-1610	700 Hz	-	-50
LTE FDD13	1559-1610	1 MHz	-	-40

Limits ISED				
Band	Frequency range [MHz]	Bandwidth	Attenuation [dB]	Limit [dBm EIRP]
GSM850	-	100 kHz	43+Log ₁₀ (P[W])	-13
GSM1900	-	1 MHz	43+Log ₁₀ (P[W])	-13
LTE FDD2	-	1 MHz	43+Log ₁₀ (P[W])	-13
LTE FDD4	-	1 MHz	43+Log ₁₀ (P[W])	-13
LTE FDD12	-	100 kHz	43+Log ₁₀ (P[W])	-13
LTE FDD13	-	100 kHz	43+Log ₁₀ (P[W])	-13
LTE FDD13	763-775	6.25 kHz	65+Log ₁₀ (P[W])	-35
LTE FDD13	793-806	6.25 kHz	65+Log ₁₀ (P[W])	-35
LTE FDD13	1559-1610	700 Hz	-	-50
LTE FDD13	1559-1610	1 MHz	-	-40

3.2.3 Setup



3.2.4 Equipment

Test Equipment 30 - 1000 MHz					
Description	Manufacturer	Model	Identifier	Cal. Date	Cal. Due
Anechoic Chamber	Frankonia	AC1	EF00062	2021-02	2024-02
Measurement Receiver	Agilent	N9038A-526/WXP	EF01070	2021-07	2022-07
Antenna	R&S	HK 116	EF00030	2021-05	2024-05
Antenna	R&S	HL 223	EF00187	2019-05	2022-05

Test Equipment > 1 GHz used for premeasurements					
Description	Manufacturer	Model	Identifier	Cal. Date	Cal. Due
Anechoic Chamber	Frankonia	AC 2	EF01616	2021-05	2022-05
Spectrum Analyzer	R&S	FSU43	EF01631	2021-07	2022-07
Horn Antenna	Schwarzbeck	BBHA 9120B	EF01678	2021-03	2022-03
Antenna	Schwarzbeck	HWRD 650	EF01679	2021-03	2022-03
Antenna	Amplifier Research	AT4560	EF00302	2021-06	2023-06

Test Equipment > 1 GHz used for final measurements					
Description	Manufacturer	Model	Identifier	Cal. Date	Cal. Due
Anechoic Chamber	Frankonia	AC1	EF00062	2021-02	2024-02
Measurement Receiver	Agilent	N9038A-526/WXP	EF01070	2021-07	2022-07
Antenna	Schwarzbeck	BBHA 9120D	EF00018	2019-10	2022-10

3.2.5 Procedure

Test Procedure 30 - 1000 MHz
1. EUT is placed on a non conducting support at the center of a turn table 0.8 m above the ground 2. EUT set to test mode 3. The receiver is set to peak detection with max hold 4. The EUT is rotated through 360° and the height of the antenna is varied from 1 m to 4 m 5. All significant emissions are measured again using the corresponding final detector

Test Procedure > 1 GHz
1. EUT is placed on a non conducting support at the center of a turn table 1.5 m above the ground 2. EUT set to test mode 3. The receiver is set to peak detection with max hold 4. The EUT is rotated through 360° and the height of the antenna is varied from 1 m to 4 m 5. All significant emissions are measured again using the corresponding final detector

3.2.6 Results

Test Results - GSM850					
Mode	Frequency [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Result
GSM850 / GMSK	876	-43.20	-13.00	-30.18	PASS
GSM850 / GMSK	881.4	-43.50	-13.00	-30.46	PASS
GSM850 / GMSK	1673	-32.30	-13.00	-19.31	PASS

Test Results - GSM1900					
Mode	Frequency [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Result
GSM1900 / GMSK	40	-57.90	-13.00	-44.89	PASS
GSM1900 / GMSK	503	-51.00	-13.00	-38.00	PASS
GSM1900 / GMSK	787.5	-46.30	-13.00	-33.28	PASS
GSM1900 / GMSK	7639	-52.80	-13.00	-39.84	PASS
GSM1900 / GMSK	18615	-43.50	-13.00	-30.54	PASS

Test Results - LTE FDD2					
Mode	Frequency [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Result
LTE FDD2 / PMAX	6929	-56.90	-13.00	-43.90	PASS

Test Results - LTE FDD4					
Mode	Frequency [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Result
LTE FDD4 / PMAX	40	-58.60	-13.00	-45.57	PASS
LTE FDD4 / PMAX	947.5	-46.00	-13.00	-33.03	PASS

Test Results - LTE FDD12					
Mode	Frequency [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Result
LTE FDD12 / PMAX	400.1	-56.00	-13.00	-43.01	PASS

Test Results - LTE FDD13					
Mode	Frequency [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Result
LTE FDD13 / PMAX	1564	-44.60	-40.00	-04.60	PASS

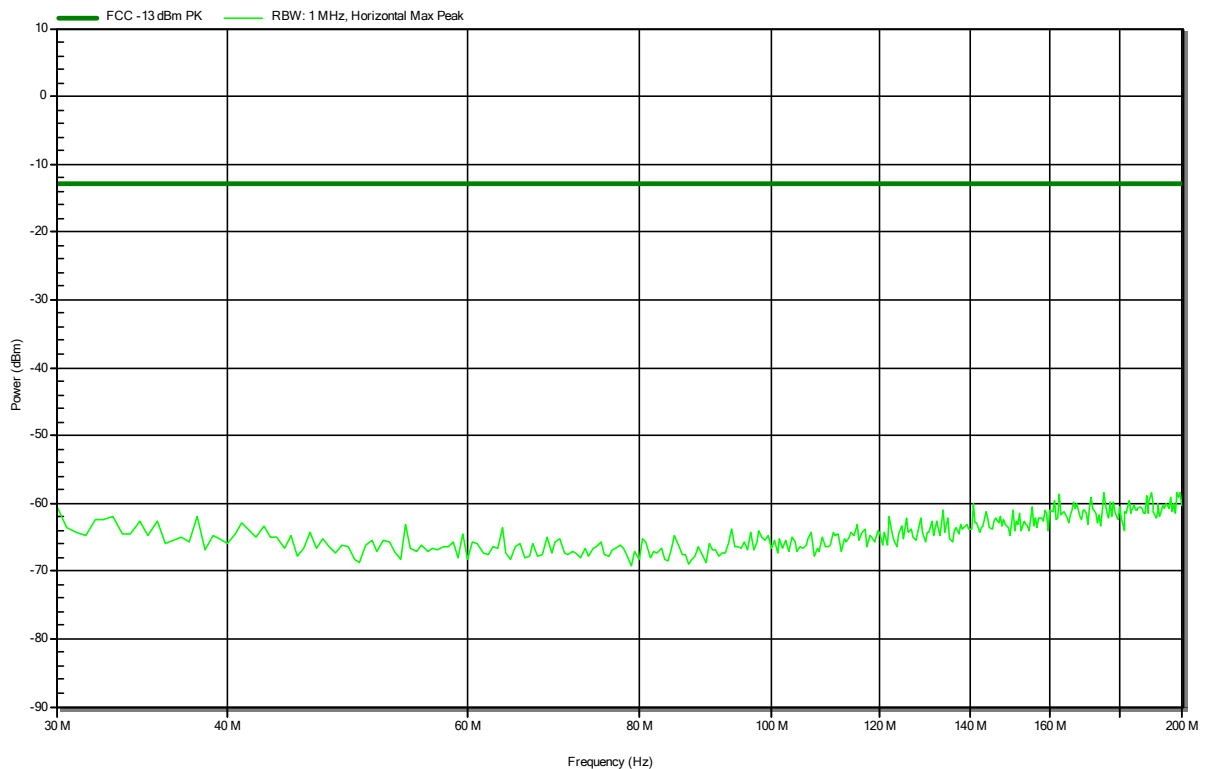
ANNEX A Transmitter radiated emissions

Radiated Spurious Emissions according to 47 CFR Part 24E; RSS-133, Issue 6+A1

Project Number: G0M-2104-9762
 Applicant: Webfleet Solutions B.V.
 Model Description: Telematic Device with GSM+LTE+GNSS+OBD connector
 Model: L0240
 Test Sample ID: 34392
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Voigt
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 24 °Celsius, Vnom: 12 VDC
 Antenna: Rohde & Schwarz HK 116, Horizontal
 Measurement distance: 3 m
 Mode: Tx; LTE FDD2 / PMAX + BT, DH5, 2480MHz
 Test Date: 2021-08-26
 Note:

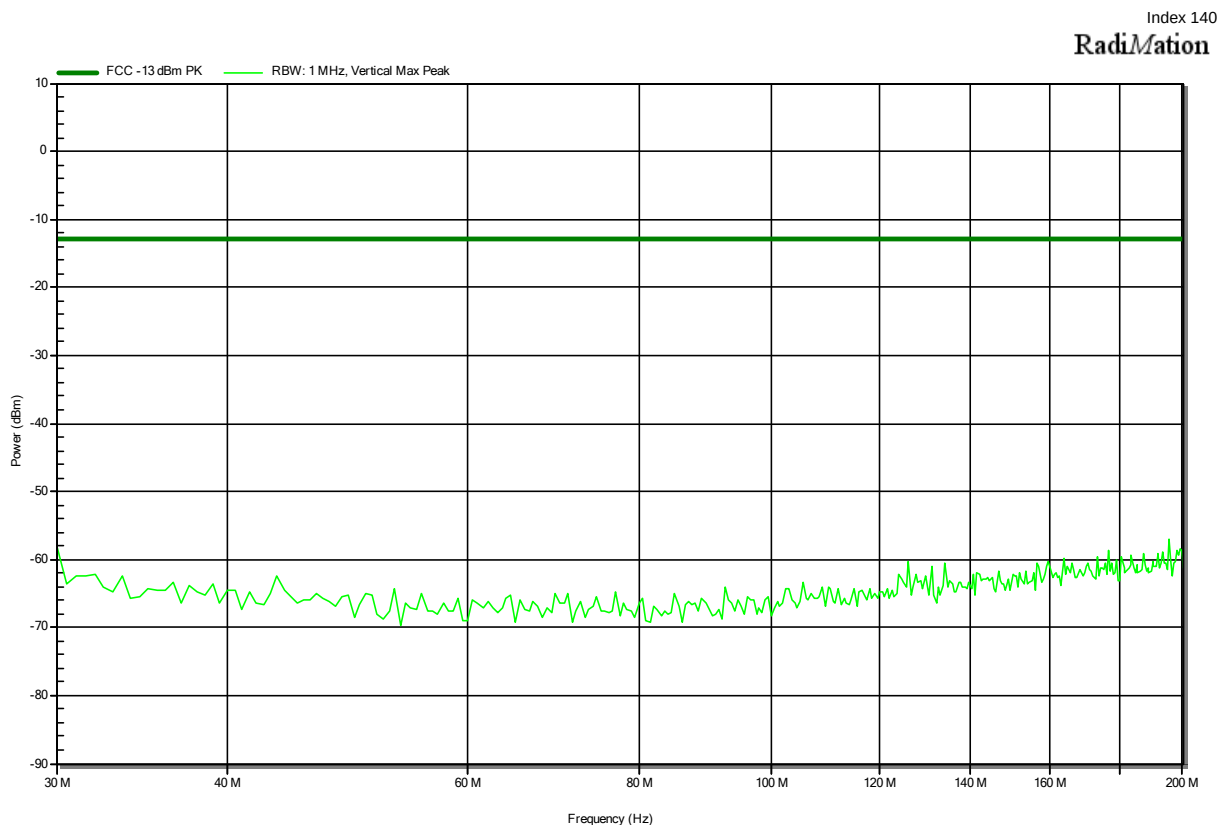
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Radiated Spurious Emissions according to 47 CFR Part 24E; RSS-133, Issue 6+A1

Project Number: G0M-2104-9762
 Applicant: Webfleet Solutions B.V.
 Model Description: Telematic Device with GSM+LTE+GNSS+OBD connector
 Model: L0240
 Test Sample ID: 34392
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Voigt
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 24 °Celsius, Vnom: 12 VDC
 Antenna: Rohde & Schwarz HK 116, Vertical
 Measurement distance: 3 m
 Mode: Tx; LTE FDD2 / PMAx + BT, DH5, 2480MHz
 Test Date: 2021-08-26
 Note:

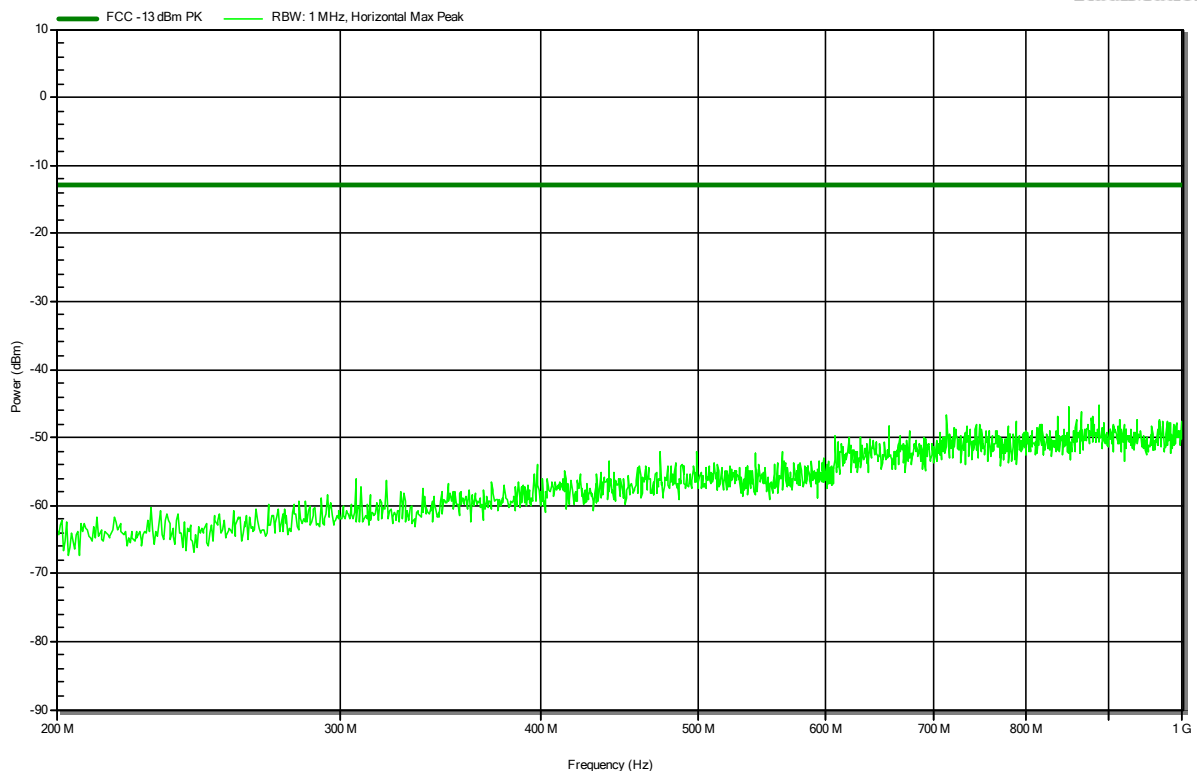


Radiated Spurious Emissions according to 47 CFR Part 24E; RSS-133, Issue 6+A1

Project Number: G0M-2104-9762
 Applicant: Webfleet Solutions B.V.
 Model Description: Telematic Device with GSM+LTE+GNSS+OBD connector
 Model: L0240
 Test Sample ID: 34392
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Voigt
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 24 °Celsius, Vnom: 12 VDC
 Antenna: Rohde & Schwarz HL 223, Horizontal
 Measurement distance: 3 m
 Mode: Tx; LTE FDD2 / PMAx + BT, DH5, 2480MHz
 Test Date: 2021-08-26
 Note:

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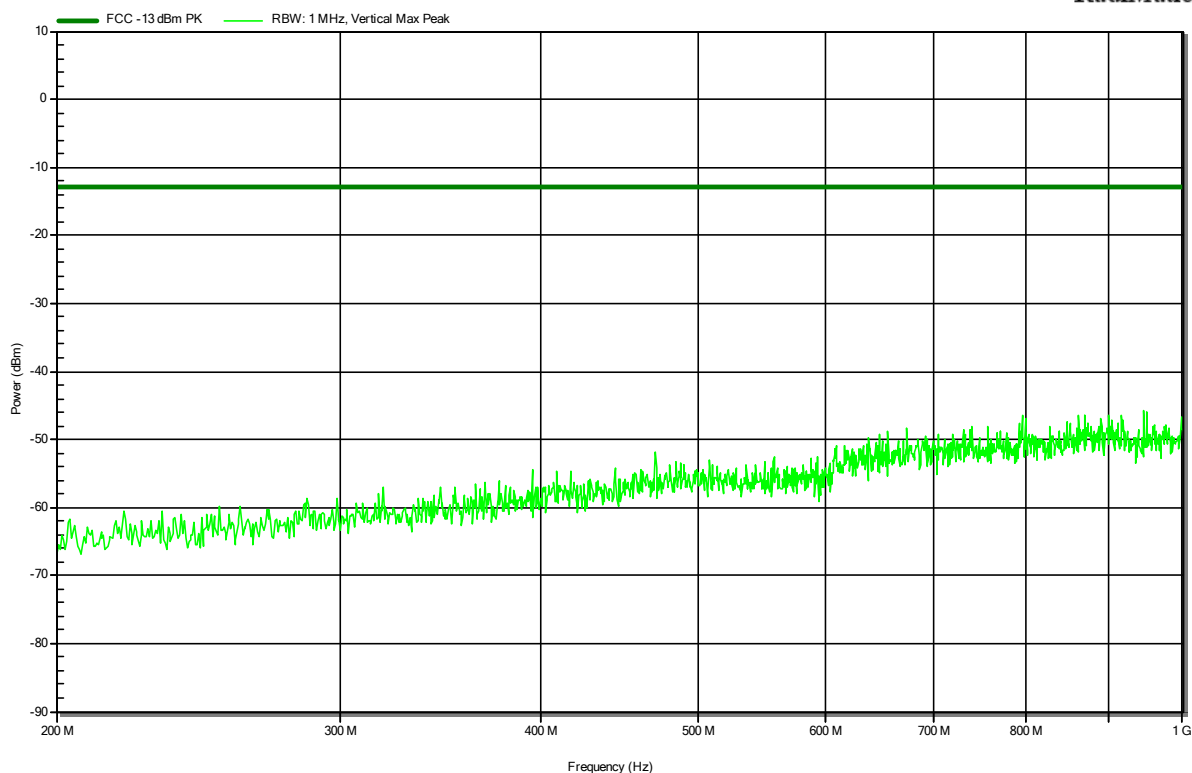


Radiated Spurious Emissions according to 47 CFR Part 24E; RSS-133, Issue 6+A1

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 Applicant: Webfleet Solutions B.V.
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 Model: L0240
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 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Voigt
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 24 °Celsius, Vnom: 12 VDC
 Antenna: Rohde & Schwarz HL 223, Vertical
 Measurement distance: 3 m
 Mode: Tx; LTE FDD2 / PMAx + BT, DH5, 2480MHz
 Test Date: 2021-08-26
 Note:

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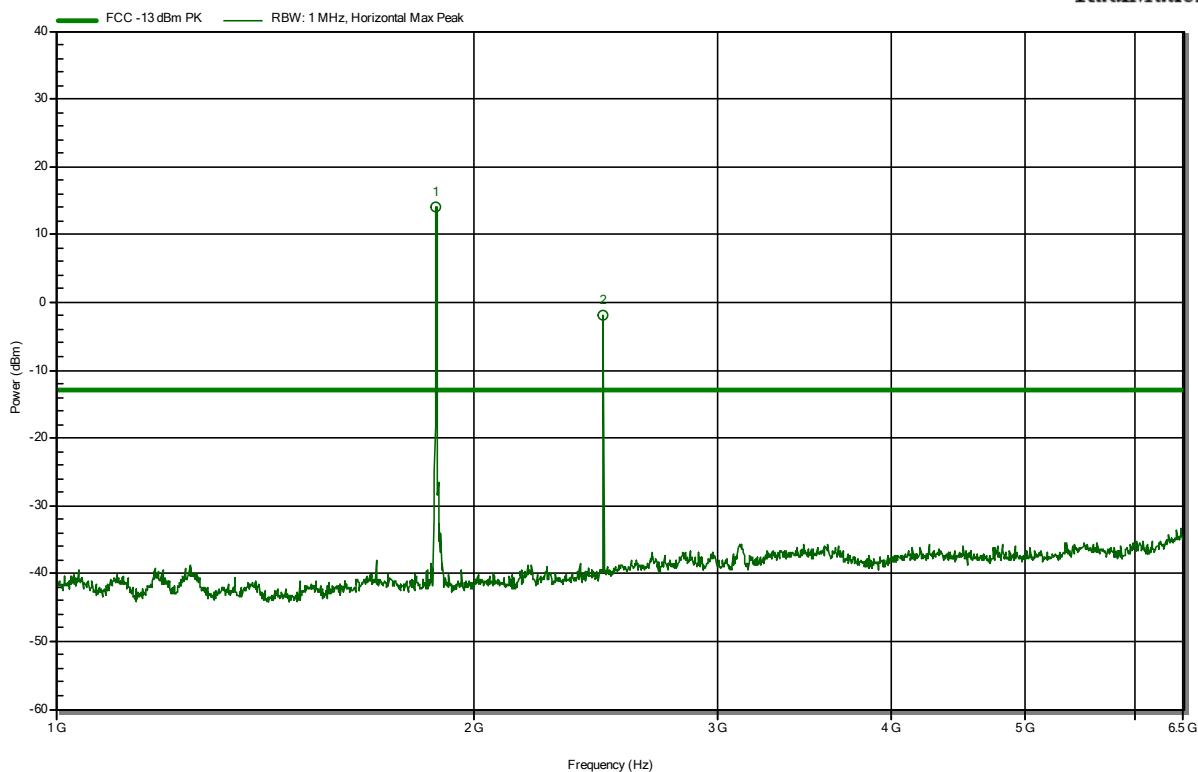


Radiated Spurious Emissions according to 47 CFR Part 24E; RSS-133, Issue 6+A1

Project Number: G0M-2104-9762
 Applicant: Webfleet Solutions B.V.
 Model Description: Telematic Device with GSM+LTE+GNSS+OBD connector
 Model: L0240
 Test Sample ID: 34392
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Voigt
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 24 °Celsius, Vnom: 12 VDC
 Antenna: Schwarzbeck BBHA 9120B, Horizontal
 Measurement distance: 3 m
 Mode: Tx; LTE FDD2 / PMAx + BT, DH5, 2480MHz
 Test Date: 2021-08-25
 Note: Marker1 is uplink
 Marker2 is Bluetooth TX

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RadiMation



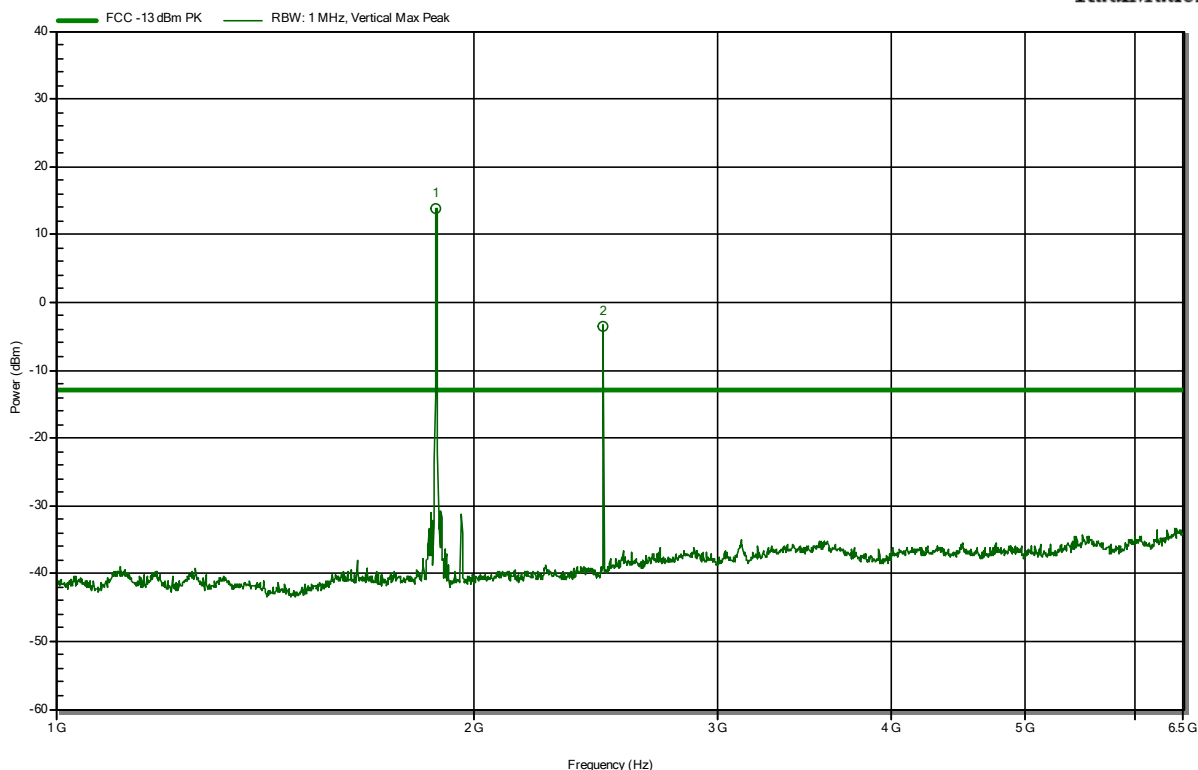
Frequency	Peak	Peak Limit	Peak Difference	Peak Status
1.88 GHz	14.1 dBm			Uplink
2.48 GHz	-1.8 dBm			Bluetooth TX

Radiated Spurious Emissions according to 47 CFR Part 24E; RSS-133, Issue 6+A1

Project Number: G0M-2104-9762
 Applicant: Webfleet Solutions B.V.
 Model Description: Telematic Device with GSM+LTE+GNSS+OBD connector
 Model: L0240
 Test Sample ID: 34392
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Voigt
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 24 °Celsius, Vnom: 12 VDC
 Antenna: Schwarzbeck BBHA 9120B, Vertical
 Measurement distance: 3 m
 Mode: Tx; LTE FDD2 / PMAx + BT, DH5, 2480MHz
 Test Date: 2021-08-25
 Note: Marker1 is uplink
 Marker2 is Bluetooth TX

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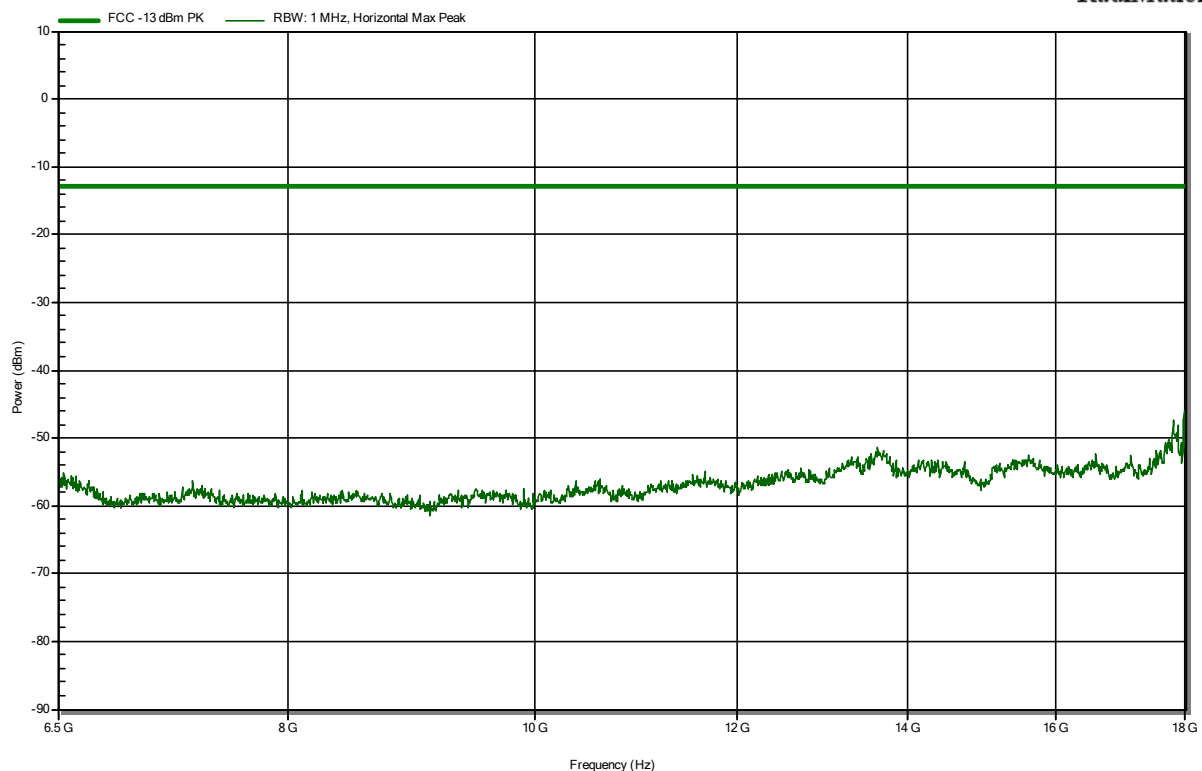
Frequency	Peak	Peak Limit	Peak Difference	Peak Status
1.88 GHz	13.8 dBm			Uplink
2.48 GHz	-3.5 dBm			Bluetooth TX

Radiated Spurious Emissions according to 47 CFR Part 24E; RSS-133, Issue 6+A1

Project Number: G0M-2104-9762
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 Model: L0240
 Test Sample ID: 34392
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Voigt
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 24 °Celsius, Vnom: 12 VDC
 Antenna: Schwarzbeck HWRD 650, Horizontal
 Measurement distance: 3 m
 Mode: Tx; LTE FDD2 / PMAx + BT, DH5, 2480MHz
 Test Date: 2021-08-25
 Note:

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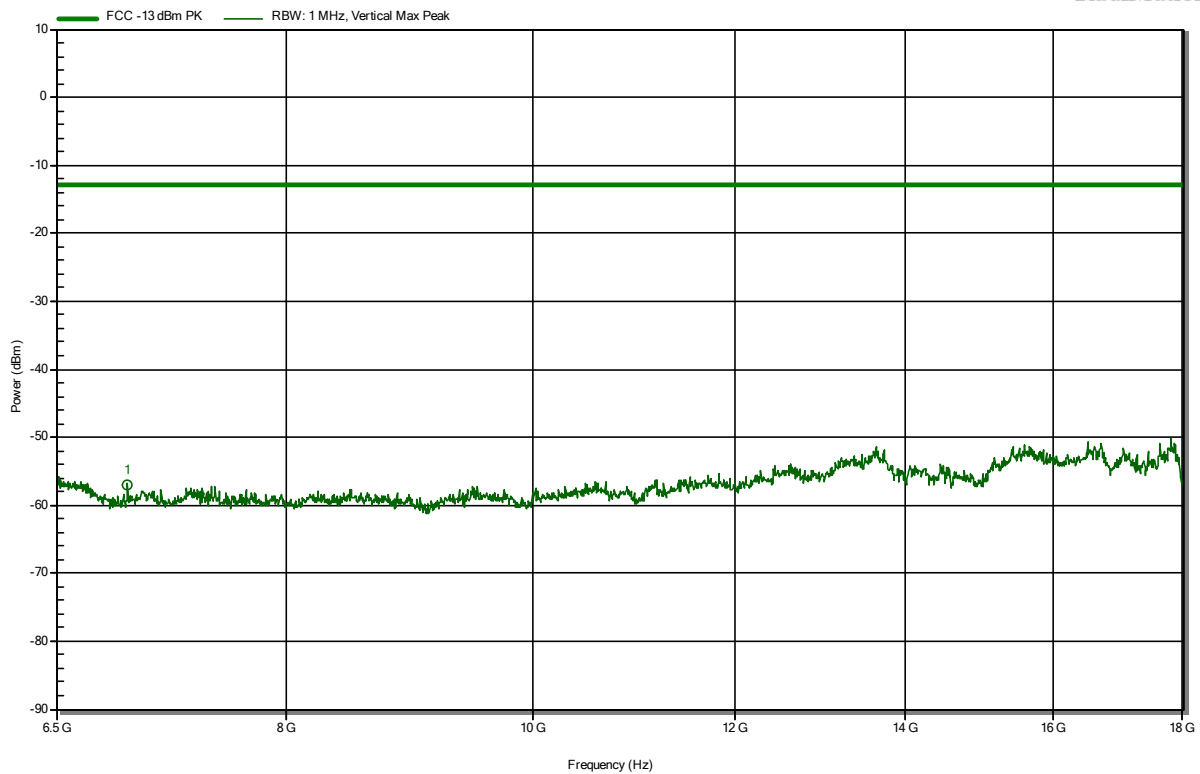


Radiated Spurious Emissions according to 47 CFR Part 24E; RSS-133, Issue 6+A1

Project Number: G0M-2104-9762
 Applicant: Webfleet Solutions B.V.
 Model Description: Telematic Device with GSM+LTE+GNSS+OBD connector
 Model: L0240
 Test Sample ID: 34392
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Voigt
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 24 °Celsius, Vnom: 12 VDC
 Antenna: Schwarzbeck HWRD 650, Vertical
 Measurement distance: 3 m
 Mode: Tx; LTE FDD2 / PMAx + BT, DH5, 2480MHz
 Test Date: 2021-08-25
 Note:

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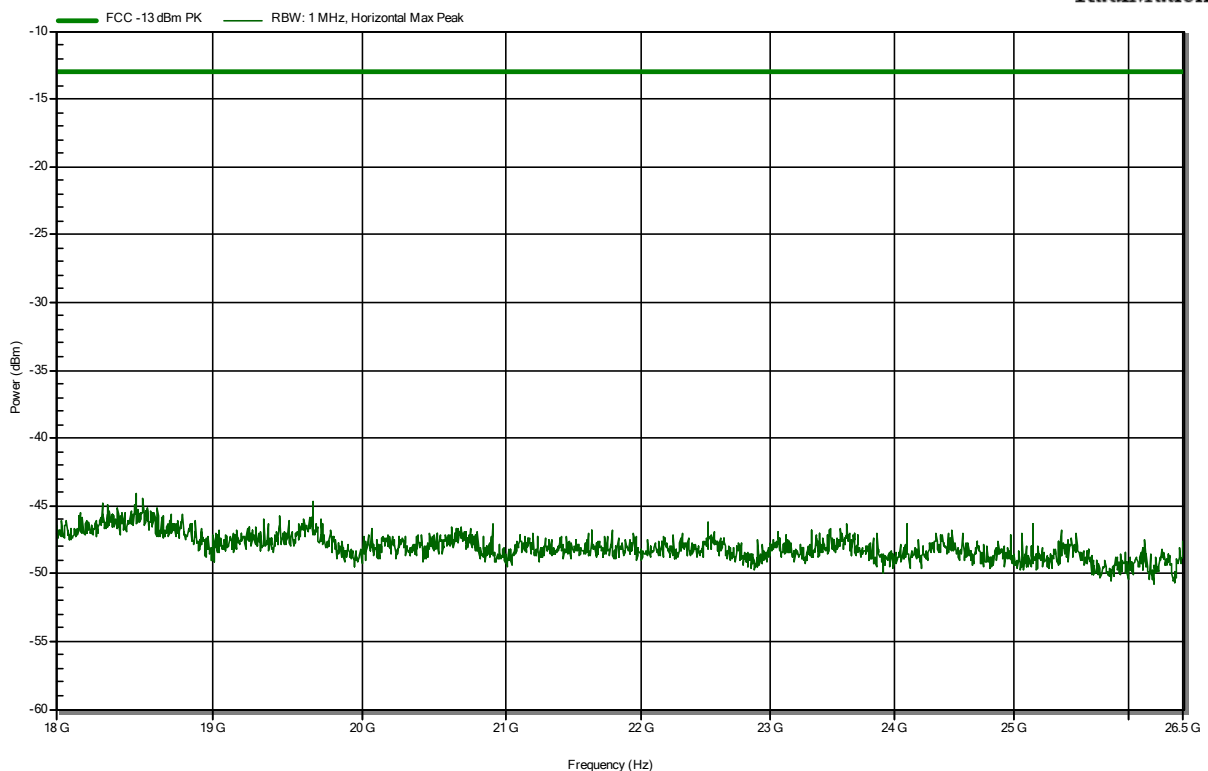
Frequency	Peak	Peak Limit	Peak Difference	Peak Status
6.929 GHz	-56.9 dBm	-13 dBm	-43.9 dB	Pass

Radiated Spurious Emissions according to 47 CFR Part 24E; RSS-133, Issue 6+A1

Project Number: G0M-2104-9762
 Applicant: Webfleet Solutions B.V.
 Model Description: Telematic Device with GSM+LTE+GNSS+OBD connector
 Model: L0240
 Test Sample ID: 34392
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Voigt
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 24 °Celsius, Vnom: 12 VDC
 Antenna: Amplifier Research AT4560, Horizontal
 Measurement distance: 3 m
 Mode: Tx; LTE FDD2 / PMAX + BT, DH5, 2480MHz
 Test Date: 2021-08-25
 Note:

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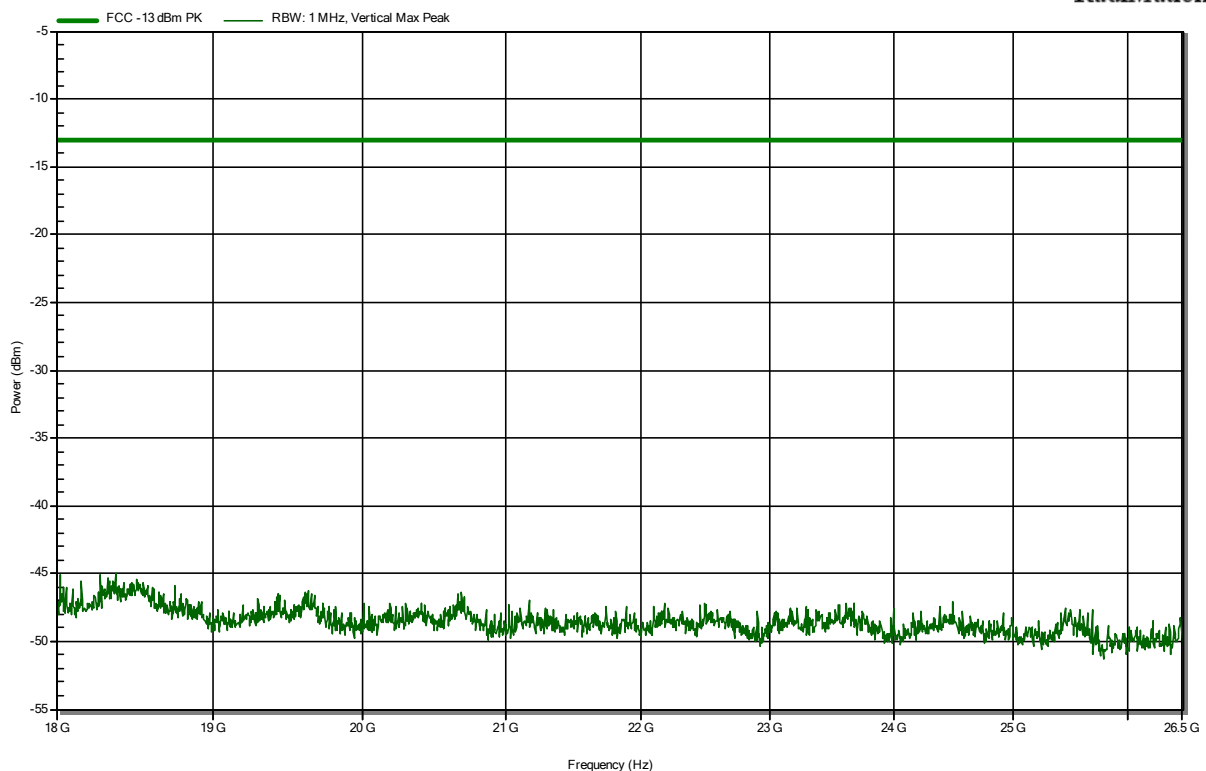


Radiated Spurious Emissions according to 47 CFR Part 24E; RSS-133, Issue 6+A1

Project Number: G0M-2104-9762
 Applicant: Webfleet Solutions B.V.
 Model Description: Telematic Device with GSM+LTE+GNSS+OBD connector
 Model: L0240
 Test Sample ID: 34392
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Voigt
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 24 °Celsius, Vnom: 12 VDC
 Antenna: Amplifier Research AT4560, Vertical
 Measurement distance: 3 m
 Mode: Tx; LTE FDD2 / PMAx + BT, DH5, 2480MHz
 Test Date: 2021-08-25
 Note:

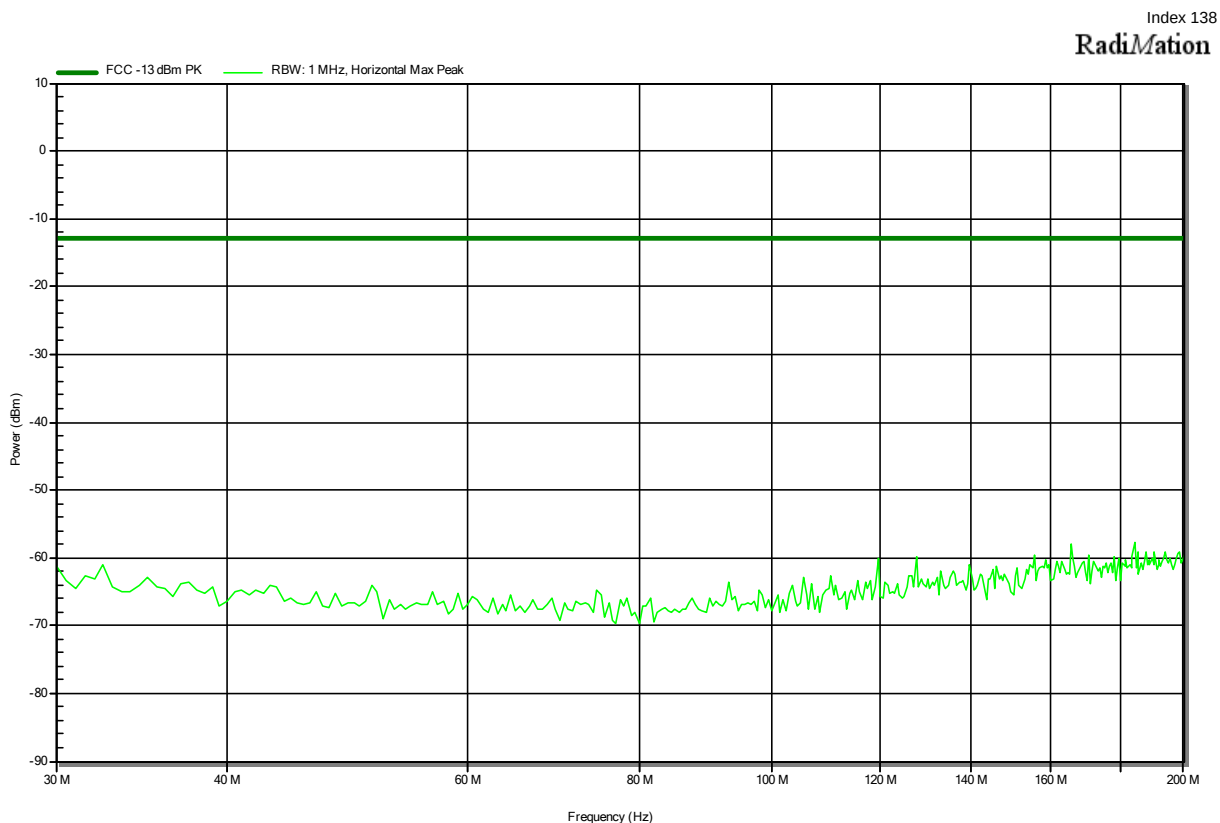
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Radiated Spurious Emissions according to 47 CFR Part 27; RSS-139, Issue 3

Project Number: G0M-2104-9762
 Applicant: Webfleet Solutions B.V.
 Model Description: Telematic Device with GSM+LTE+GNSS+OBD connector
 Model: L0240
 Test Sample ID: 34392
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Voigt
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 24 °Celsius, Vnom: 12 VDC
 Antenna: Rohde & Schwarz HK 116, Horizontal
 Measurement distance: 3 m
 Mode: Tx; LTE FDD4 / PMAx + BT, DH5, 2480MHz
 Test Date: 2021-08-26
 Note:

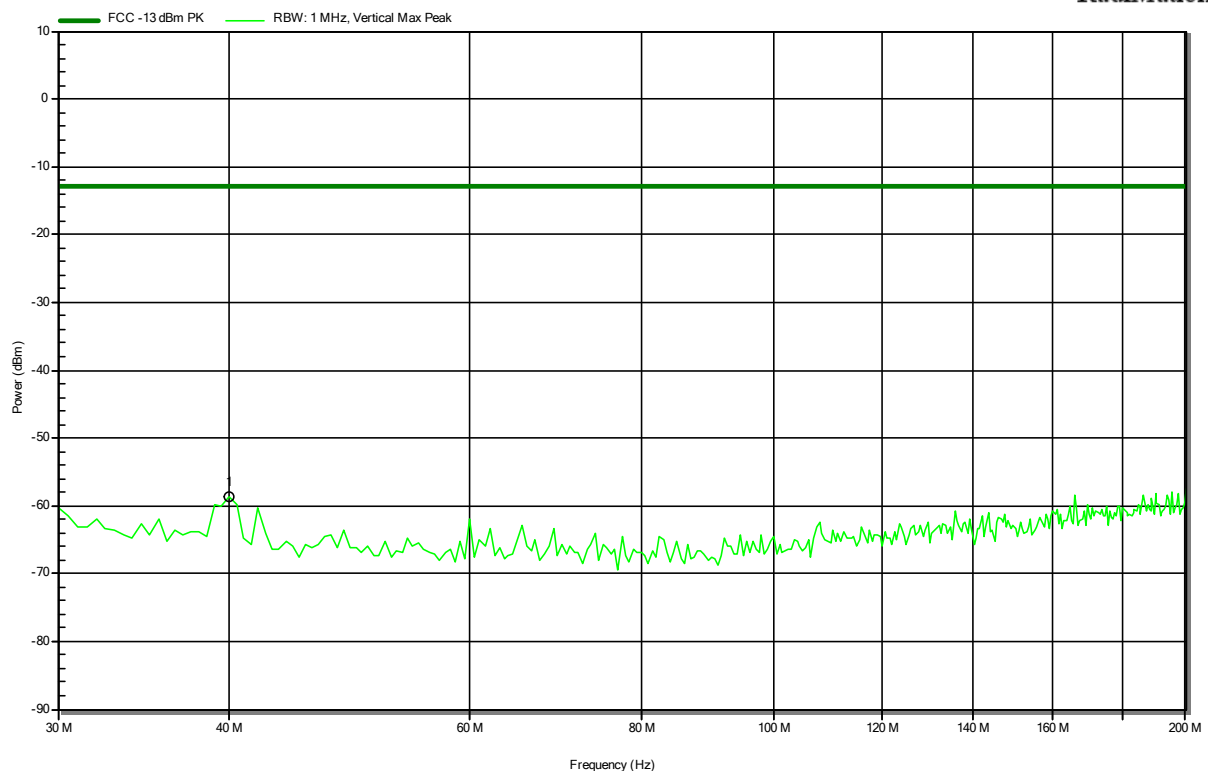


Radiated Spurious Emissions according to 47 CFR Part 27; RSS-139, Issue 3

Project Number: G0M-2104-9762
 Applicant: Webfleet Solutions B.V.
 Model Description: Telematic Device with GSM+LTE+GNSS+OBD connector
 Model: L0240
 Test Sample ID: 34392
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Voigt
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 24 °Celsius, Vnom: 12 VDC
 Antenna: Rohde & Schwarz HK 116, Vertical
 Measurement distance: 3 m
 Mode: Tx; LTE FDD4 / PMAx + BT, DH5, 2480MHz
 Test Date: 2021-08-26
 Note:

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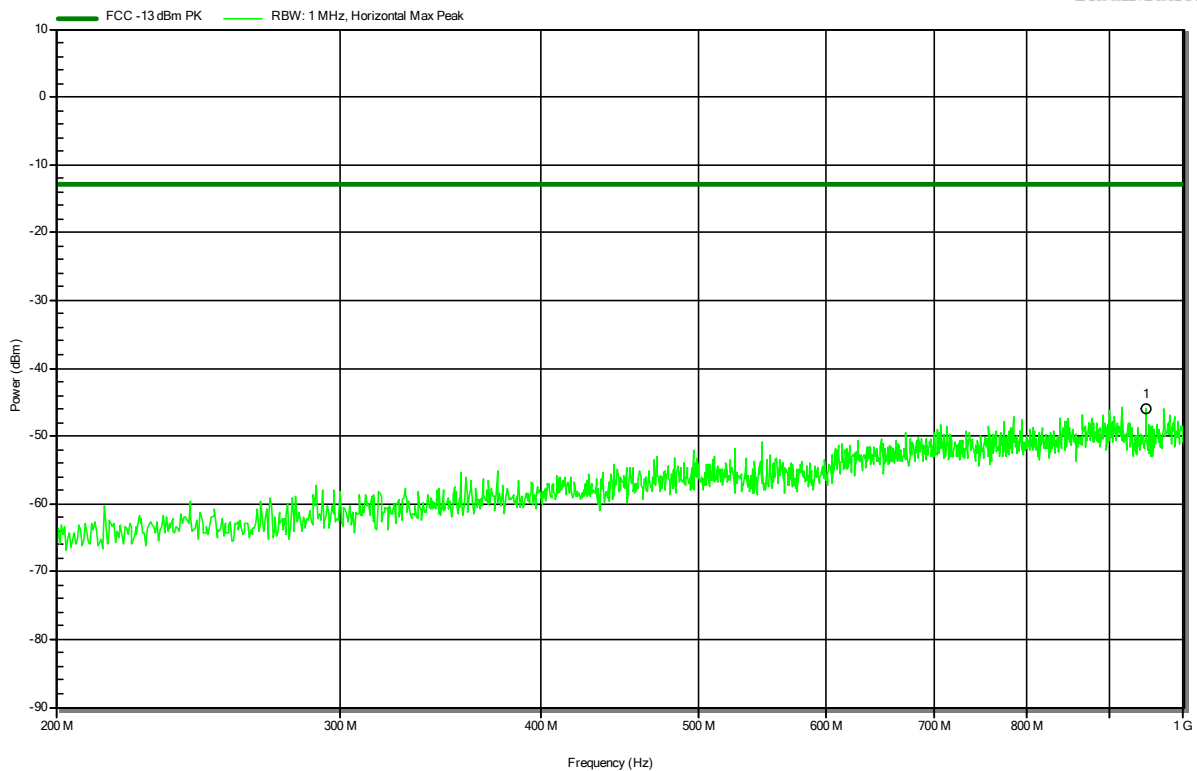
Frequency	Peak	Peak Limit	Peak Difference	Peak Status
40 MHz	-58.6 dBm	-13 dBm	-45.57 dB	Pass

Radiated Spurious Emissions according to 47 CFR Part 27; RSS-139, Issue 3

Project Number: G0M-2104-9762
 Applicant: Webfleet Solutions B.V.
 Model Description: Telematic Device with GSM+LTE+GNSS+OBD connector
 Model: L0240
 Test Sample ID: 34392
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Voigt
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 24 °Celsius, Vnom: 12 VDC
 Antenna: Rohde & Schwarz HL 223, Horizontal
 Measurement distance: 3 m
 Mode: Tx; LTE FDD4 / PMAx + BT, DH5, 2480MHz
 Test Date: 2021-08-26
 Note:

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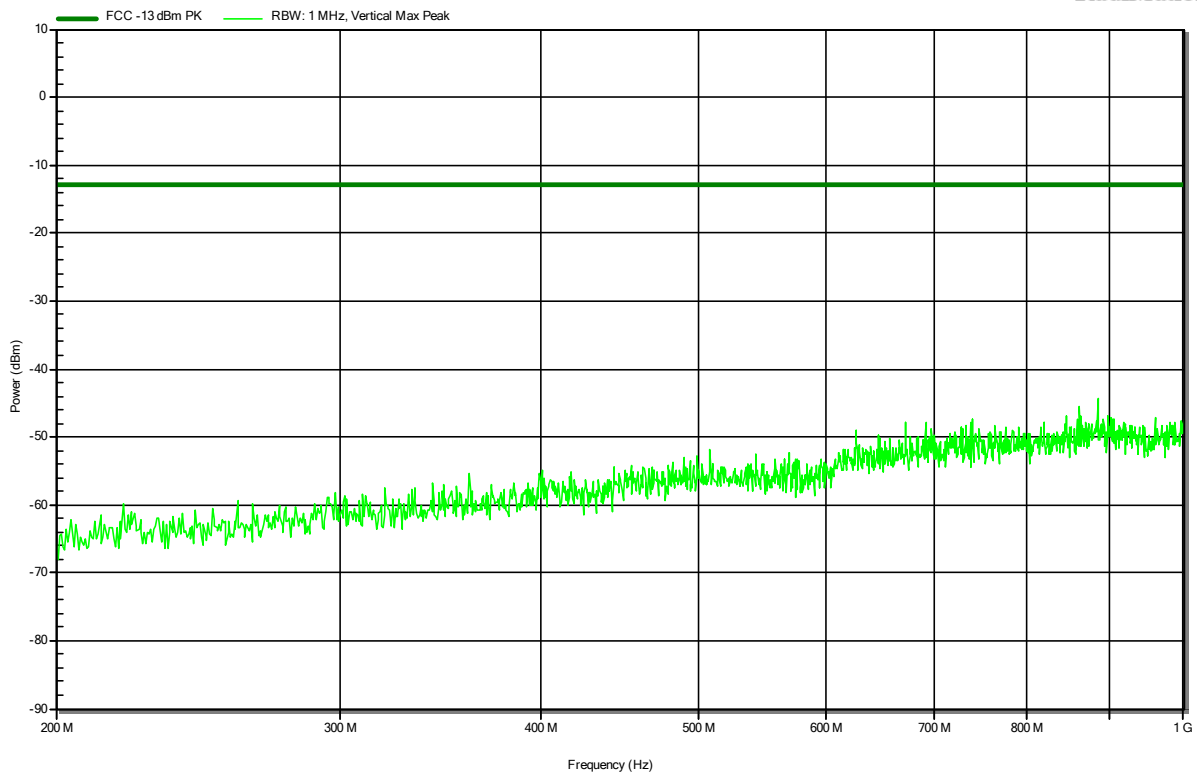
Frequency	Peak	Peak Limit	Peak Difference	Peak Status
947.5 MHz	-46 dBm	-13 dBm	-33.03 dB	Pass

Radiated Spurious Emissions according to 47 CFR Part 27; RSS-139, Issue 3

Project Number: G0M-2104-9762
 Applicant: Webfleet Solutions B.V.
 Model Description: Telematic Device with GSM+LTE+GNSS+OBD connector
 Model: L0240
 Test Sample ID: 34392
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Voigt
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 24 °Celsius, Vnom: 12 VDC
 Antenna: Rohde & Schwarz HL 223, Vertical
 Measurement distance: 3 m
 Mode: Tx; LTE FDD4 / PMAX + BT, DH5, 2480MHz
 Test Date: 2021-08-26
 Note:

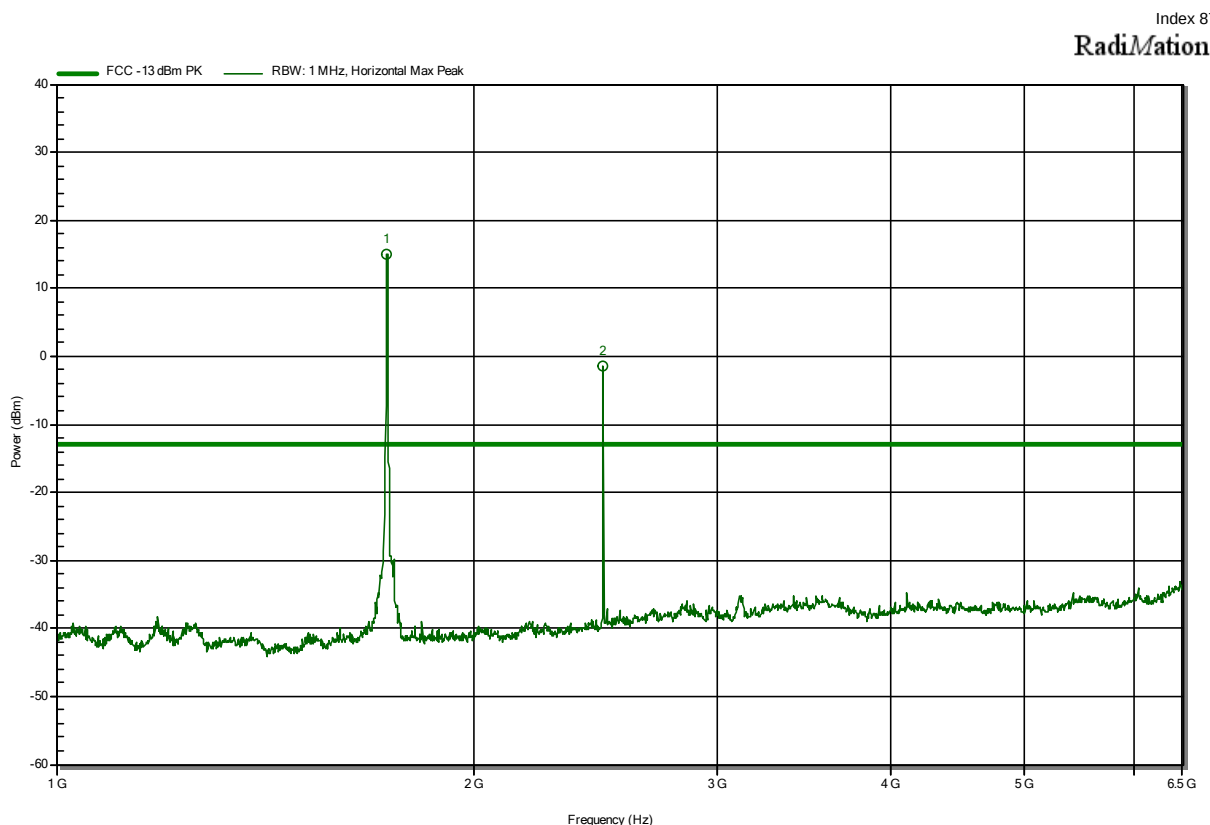
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Radiated Spurious Emissions according to 47 CFR Part 27; RSS-139, Issue 3

Project Number: G0M-2104-9762
 Applicant: Webfleet Solutions B.V.
 Model Description: Telematic Device with GSM+LTE+GNSS+OBD connector
 Model: L0240
 Test Sample ID: 34392
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Voigt
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 24 °Celsius, Vnom: 12 VDC
 Antenna: Schwarzbeck BBHA 9120B, Horizontal
 Measurement distance: 3 m
 Mode: Tx; LTE FDD4 / PMAX + BT, DH5, 2480MHz
 Test Date: 2021-08-25
 Note: Marker1 is uplink
 Marker2 is Bluetooth TX



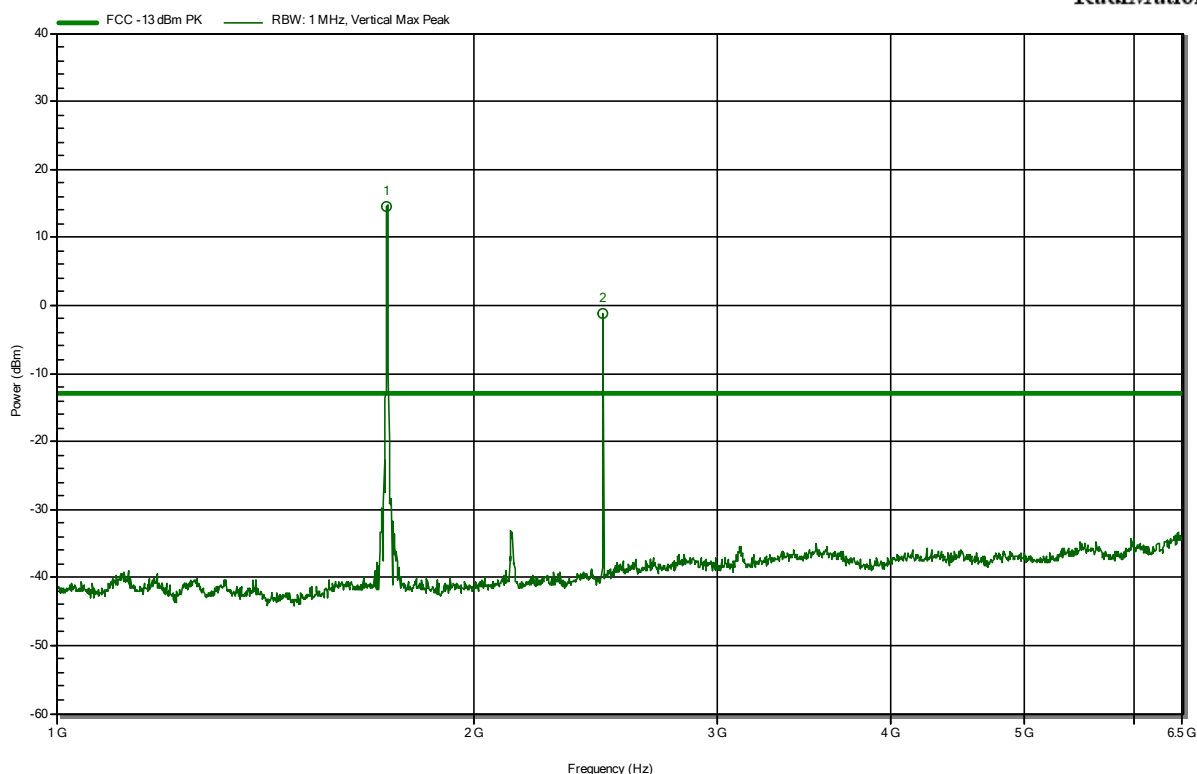
Frequency	Peak	Peak Limit	Peak Difference	Peak Status
1.732 GHz	15 dBm			Uplink
2.48 GHz	-1.4 dBm			Bluetooth TX

Radiated Spurious Emissions according to 47 CFR Part 27; RSS-139, Issue 3

Project Number: G0M-2104-9762
 Applicant: Webfleet Solutions B.V.
 Model Description: Telematic Device with GSM+LTE+GNSS+OBD connector
 Model: L0240
 Test Sample ID: 34392
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Voigt
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 24 °Celsius, Vnom: 12 VDC
 Antenna: Schwarzbeck BBHA 9120B, Vertical
 Measurement distance: 3 m
 Mode: Tx; LTE FDD4 / PMAx + BT, DH5, 2480MHz
 Test Date: 2021-08-25
 Note: Marker1 is uplink
 Marker2 is Bluetooth TX

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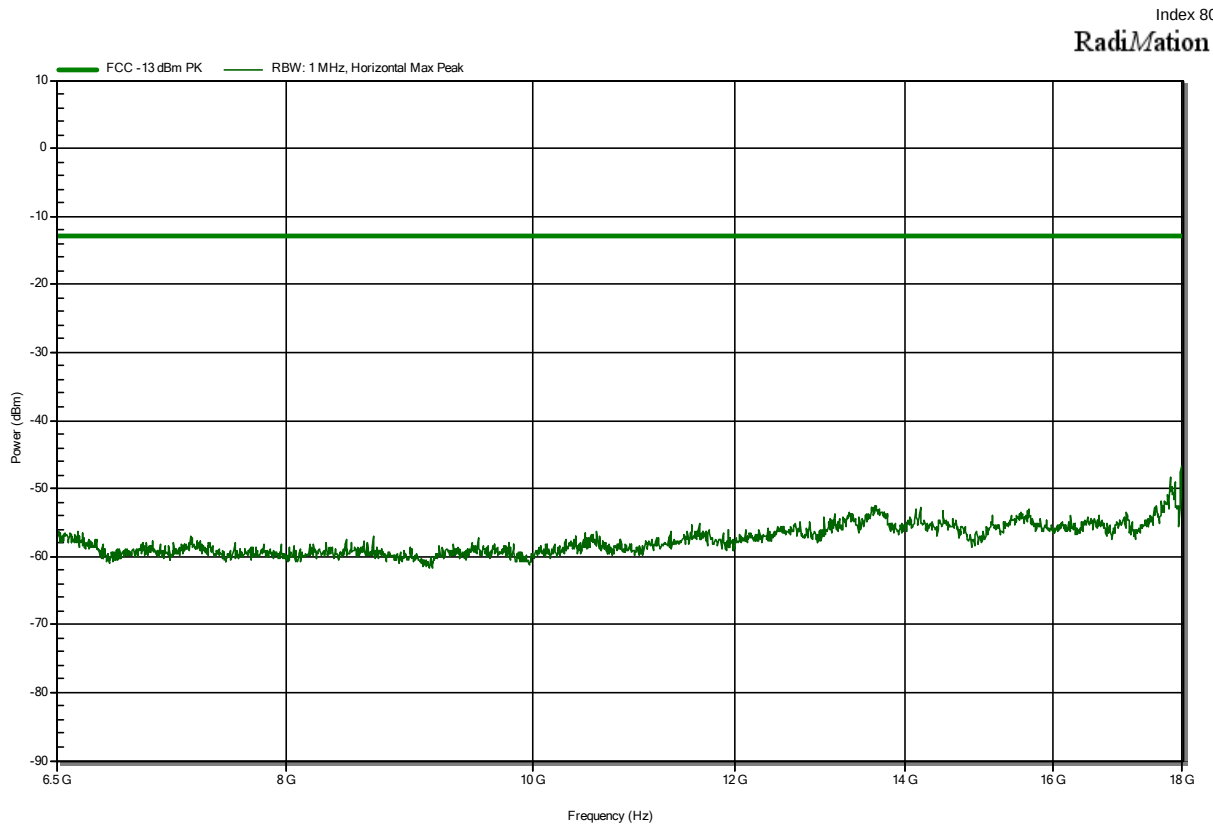
RadiMation



Frequency	Peak	Peak Limit	Peak Difference	Peak Status
1.732 GHz	14.6 dBm			Uplink
2.48 GHz	-1.3 dBm			Bluetooth TX

Radiated Spurious Emissions according to 47 CFR Part 27; RSS-139, Issue 3

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 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Voigt
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 24 °Celsius, Vnom: 12 VDC
 Antenna: Schwarzbeck HWRD 650, Horizontal
 Measurement distance: 3 m
 Mode: Tx; LTE FDD4 / PMAx + BT, DH5, 2480MHz
 Test Date: 2021-08-25
 Note:

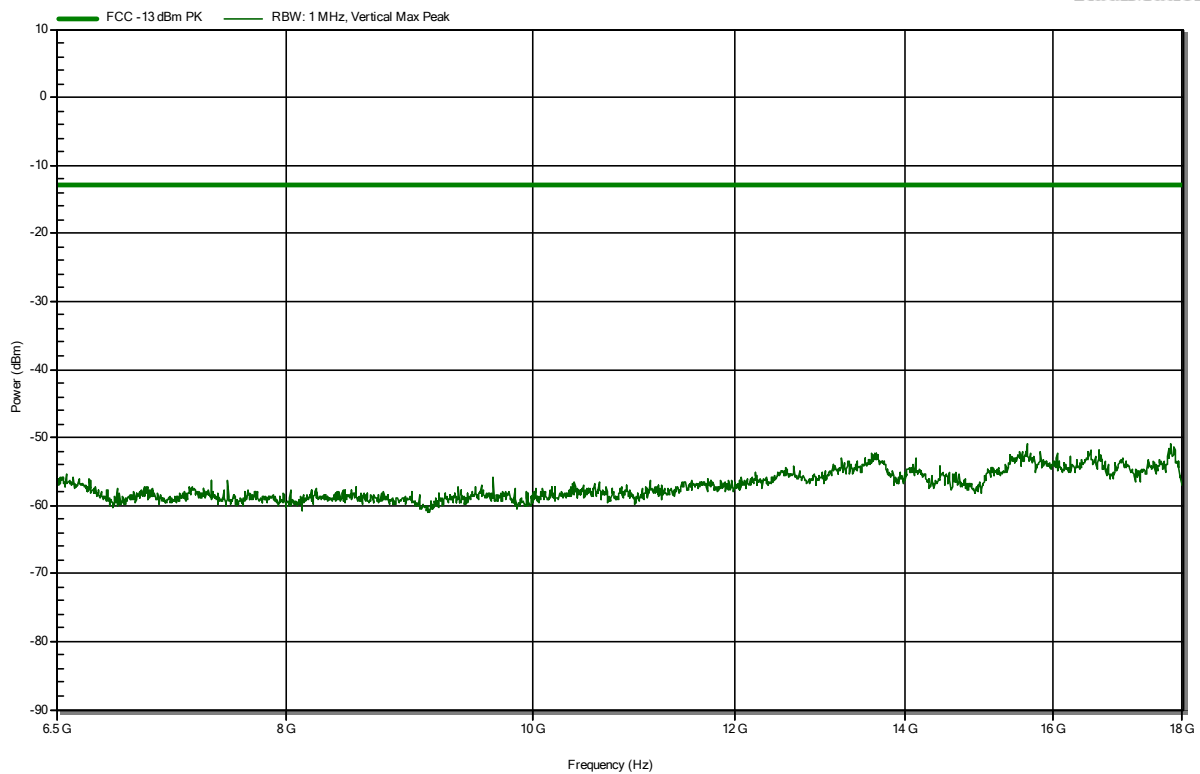


Radiated Spurious Emissions according to 47 CFR Part 27; RSS-139, Issue 3

Project Number: G0M-2104-9762
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 Antenna: Schwarzbeck HWRD 650, Vertical
 Measurement distance: 3 m
 Mode: Tx; LTE FDD4 / PMAx + BT, DH5, 2480MHz
 Test Date: 2021-08-25
 Note:

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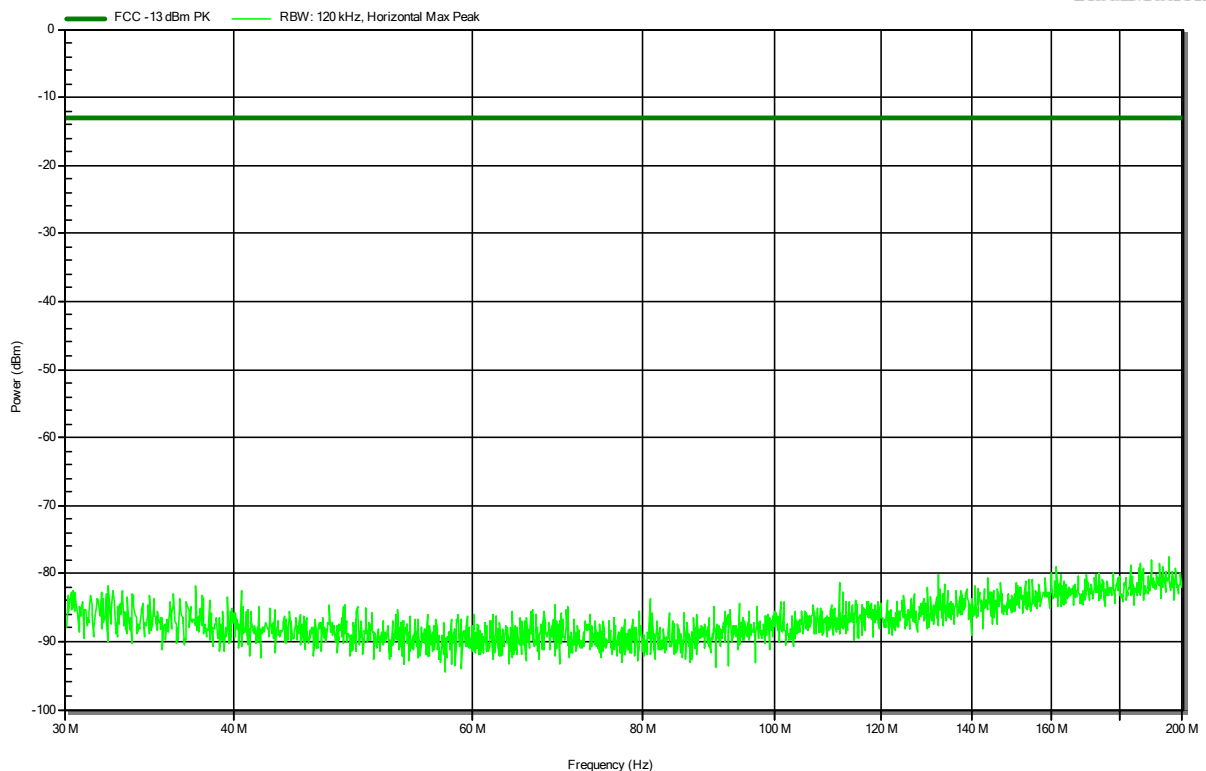


Radiated Spurious Emissions according to 47 CFR Part 27; RSS-130, Issue 2

Project Number: G0M-2104-9762
 Applicant: Webfleet Solutions B.V.
 Model Description: Telematic Device with GSM+LTE+GNSS+OBD connector
 Model: L0240
 Test Sample ID: 34392
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Voigt
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 24 °Celsius, Vnom: 12 VDC
 Antenna: Rohde & Schwarz HK 116, Horizontal
 Measurement distance: 3 m
 Mode: Tx; LTE FDD12 / PMAX + BT, DH5, 2480MHz
 Test Date: 2021-08-26
 Note:

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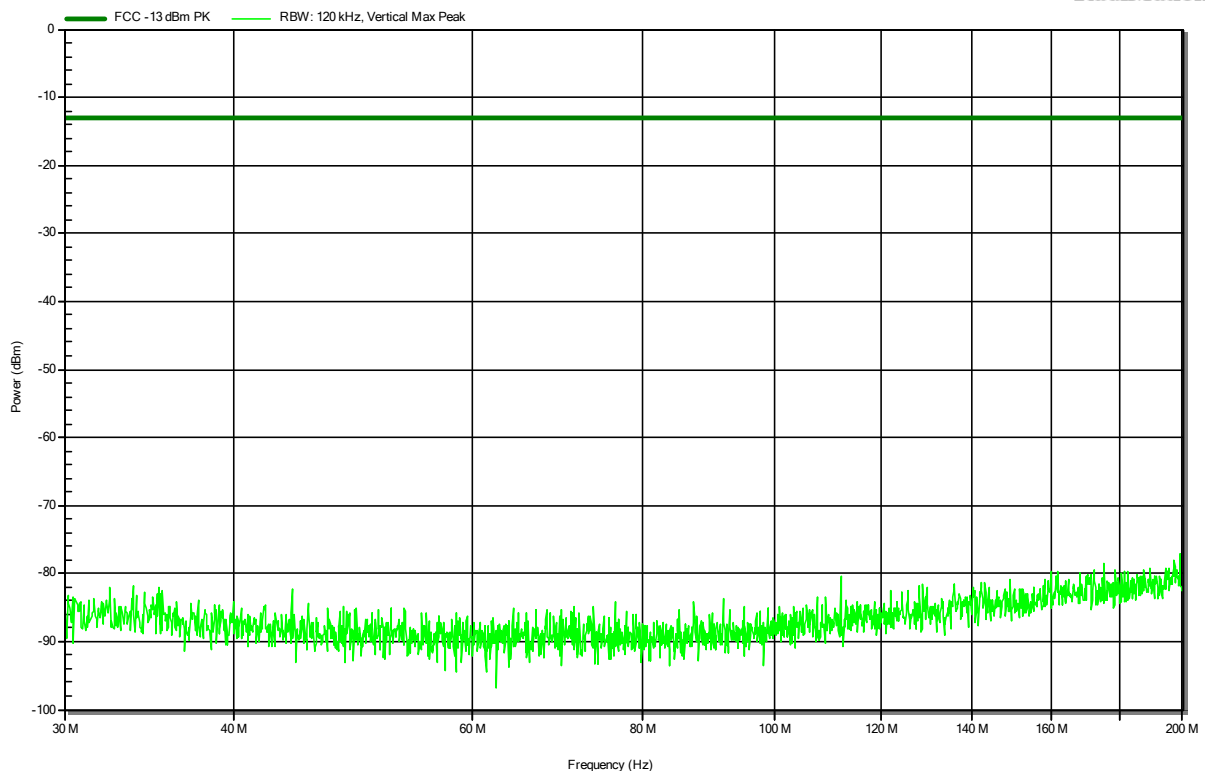


Radiated Spurious Emissions according to 47 CFR Part 27; RSS-130, Issue 2

Project Number: G0M-2104-9762
 Applicant: Webfleet Solutions B.V.
 Model Description: Telematic Device with GSM+LTE+GNSS+OBD connector
 Model: L0240
 Test Sample ID: 34392
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Voigt
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 24 °Celsius, Vnom: 12 VDC
 Antenna: Rohde & Schwarz HK 116, Vertical
 Measurement distance: 3 m
 Mode: Tx; LTE FDD12 / PMAX + BT, DH5, 2480MHz
 Test Date: 2021-08-26
 Note:

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RadiMation

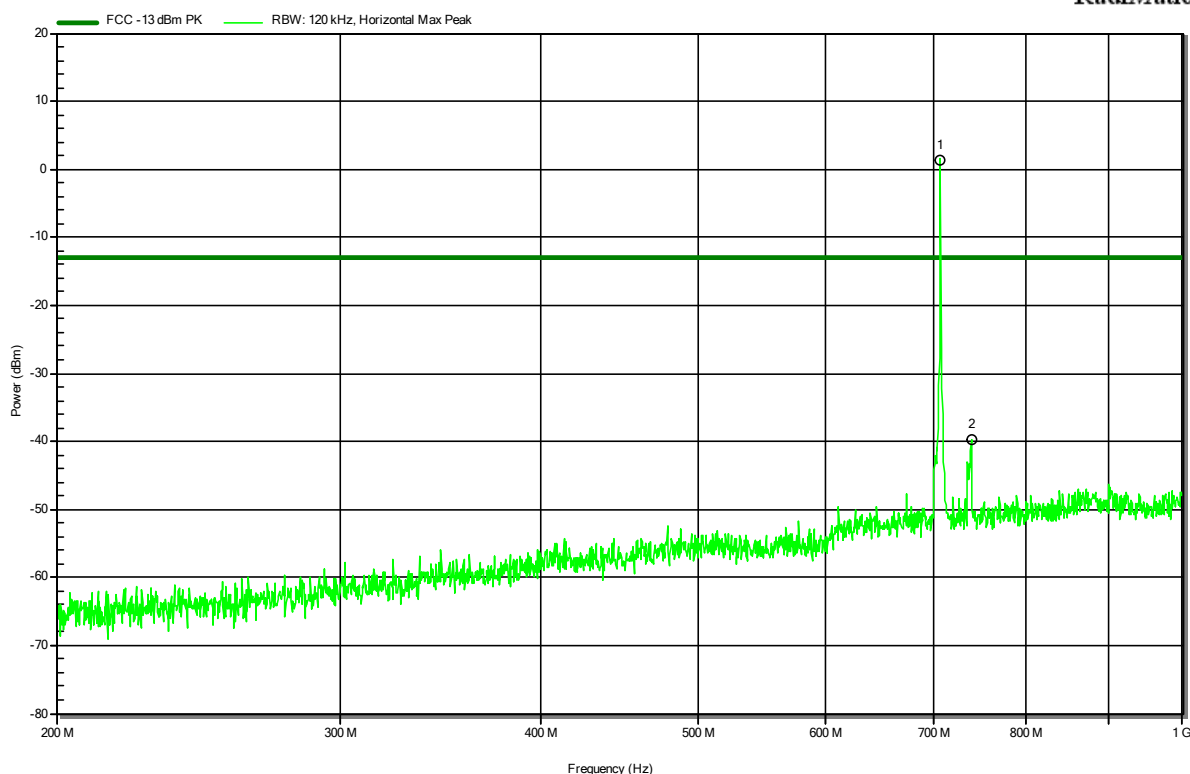


Radiated Spurious Emissions according to 47 CFR Part 27; RSS-130, Issue 2

Project Number: G0M-2104-9762
 Applicant: Webfleet Solutions B.V.
 Model Description: Telematic Device with GSM+LTE+GNSS+OBD connector
 Model: L0240
 Test Sample ID: 34392
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Voigt
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 24 °Celsius, Vnom: 12 VDC
 Antenna: Rohde & Schwarz HL 223, Horizontal
 Measurement distance: 3 m
 Mode: Tx; LTE FDD12 / PMAX + BT, DH5, 2480MHz
 Test Date: 2021-08-26
 Note: Marker1 is uplink
 Marker2 is downlink

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RadiMation



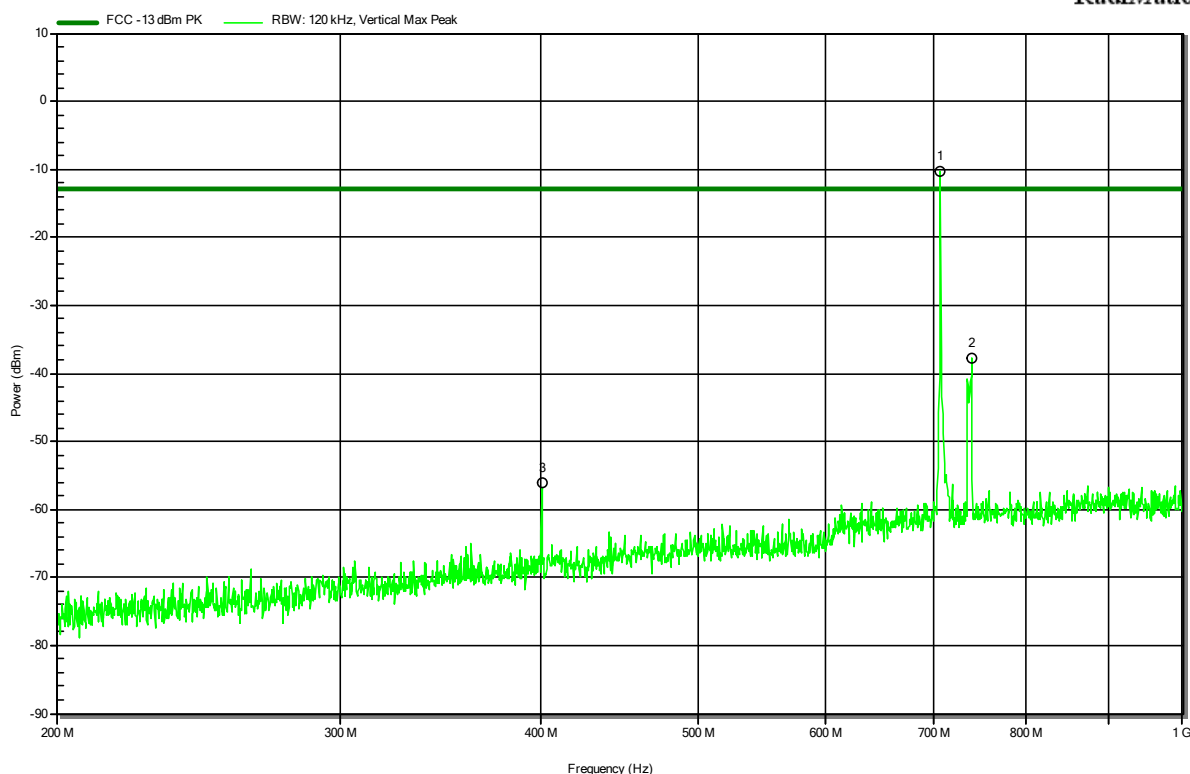
Frequency	Peak	Peak Limit	Peak Difference	Peak Status
707.3 MHz	1.2 dBm			Uplink
739.15 MHz	-39.6 dBm			Downlink

Radiated Spurious Emissions according to 47 CFR Part 27; RSS-130, Issue 2

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 Applicant: Webfleet Solutions B.V.
 Model Description: Telematic Device with GSM+LTE+GNSS+OBD connector
 Model: L0240
 Test Sample ID: 34392
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Voigt
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 24 °Celsius, Vnom: 12 VDC
 Antenna: Rohde & Schwarz HL 223, Vertical
 Measurement distance: 3 m
 Mode: Tx; LTE FDD12 / PMAX + BT, DH5, 2480MHz
 Test Date: 2021-08-26
 Note: Marker1 is uplink
 Marker2 is downlink

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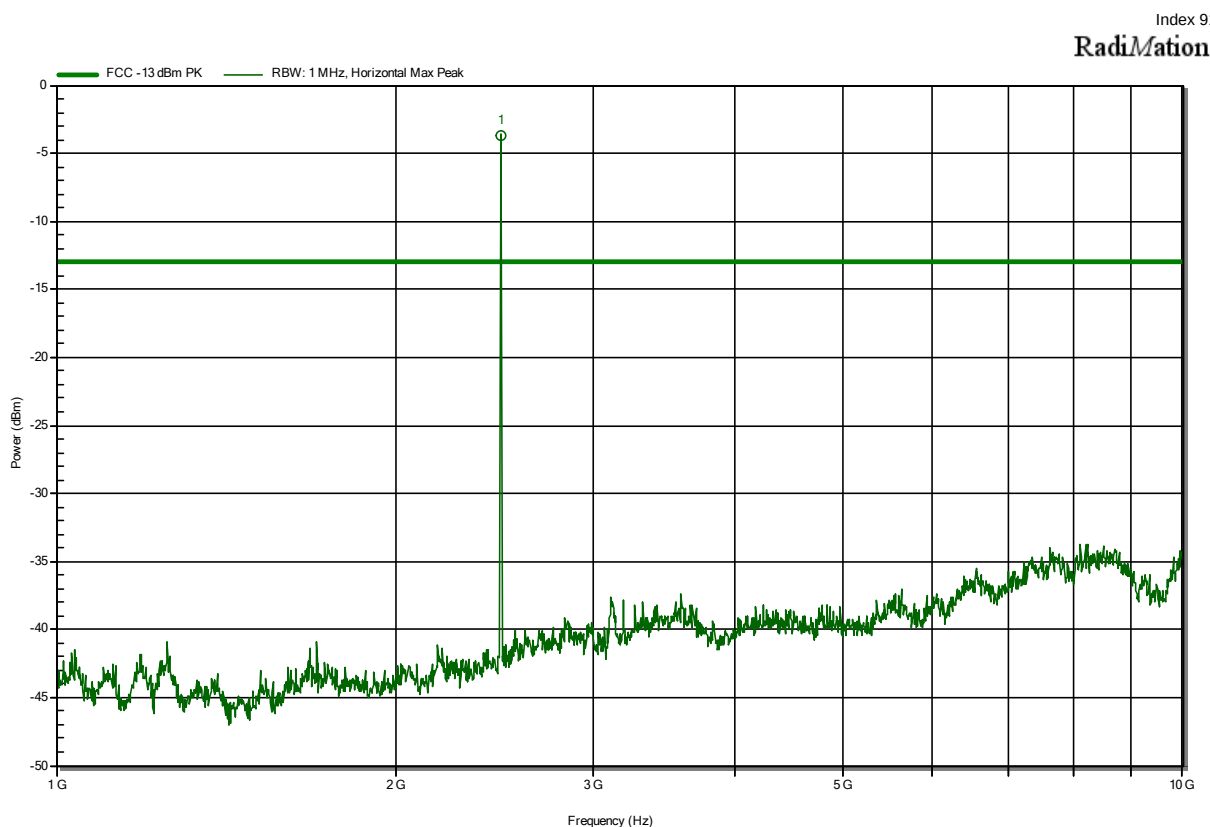
RadiMation



Frequency	Peak	Peak Limit	Peak Difference	Peak Status
400.1 MHz	-56 dBm	-13 dBm	-43.01 dB	Pass
707.4 MHz	-10.2 dBm			Uplink
739.55 MHz	-37.7 dBm			Downlink

Radiated Spurious Emissions according to 47 CFR Part 27; RSS-130, Issue 2

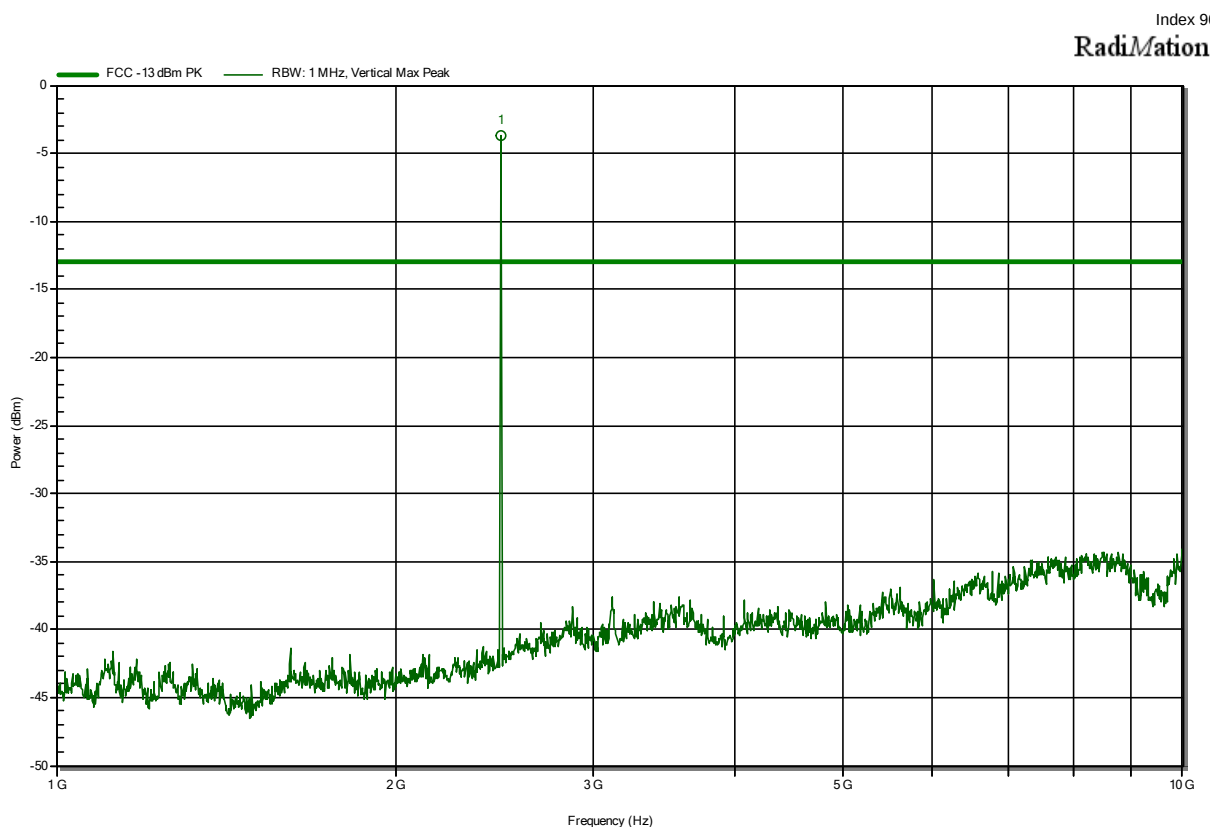
Project Number: G0M-2104-9762
 Applicant: Webfleet Solutions B.V.
 Model Description: Telematic Device with GSM+LTE+GNSS+OBD connector
 Model: L0240
 Test Sample ID: 34392
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Voigt
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 24 °Celsius, Vnom: 12 VDC
 Antenna: Schwarzbeck BBHA 9120B, Horizontal
 Measurement distance: 3 m
 Mode: Tx; LTE FDD12 / PMAX + BT, DH5, 2480MHz
 Test Date: 2021-08-25
 Note: Marker1 is Bluetooth TX



Frequency	Peak	Peak Limit	Peak Difference	Peak Status
2.48 GHz	-3.7 dBm			Bluetooth TX

Radiated Spurious Emissions according to 47 CFR Part 27; RSS-130, Issue 2

Project Number: G0M-2104-9762
 Applicant: Webfleet Solutions B.V.
 Model Description: Telematic Device with GSM+LTE+GNSS+OBD connector
 Model: L0240
 Test Sample ID: 34392
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Voigt
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 24 °Celsius, Vnom: 12 VDC
 Antenna: Schwarzbeck BBHA 9120B, Vertical
 Measurement distance: 3 m
 Mode: Tx; LTE FDD12 / PMAX + BT, DH5, 2480MHz
 Test Date: 2021-08-25
 Note: Marker1 is Bluetooth TX



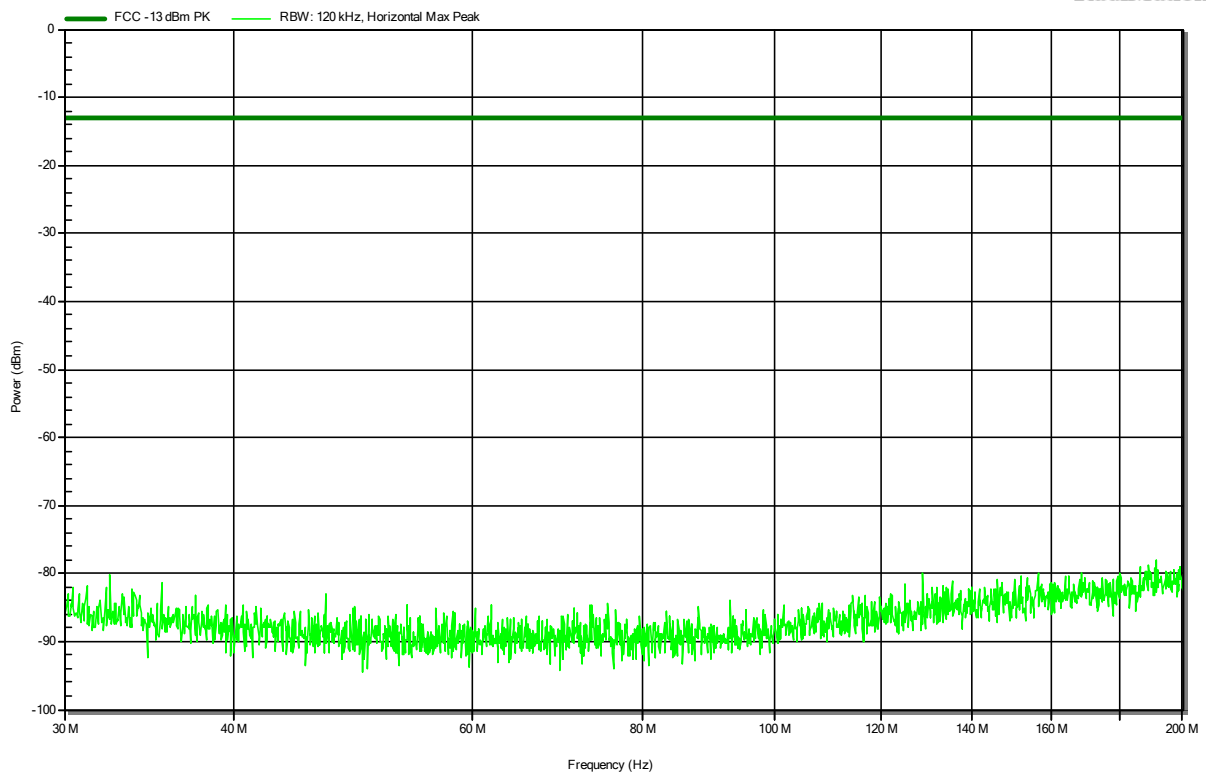
Frequency	Peak	Peak Limit	Peak Difference	Peak Status
2.48 GHz	-3.7 dBm			Bluetooth TX

Radiated Spurious Emissions according to 47 CFR Part 27; RSS-130, Issue 2

Project Number: G0M-2104-9762
 Applicant: Webfleet Solutions B.V.
 Model Description: Telematic Device with GSM+LTE+GNSS+OBD connector
 Model: L0240
 Test Sample ID: 34392
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Voigt
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 24 °Celsius, Vnom: 12 VDC
 Antenna: Rohde & Schwarz HK 116, Horizontal
 Measurement distance: 3 m
 Mode: Tx; LTE FDD13 / PMAX + BT, DH5, 2480MHz
 Test Date: 2021-08-26
 Note:

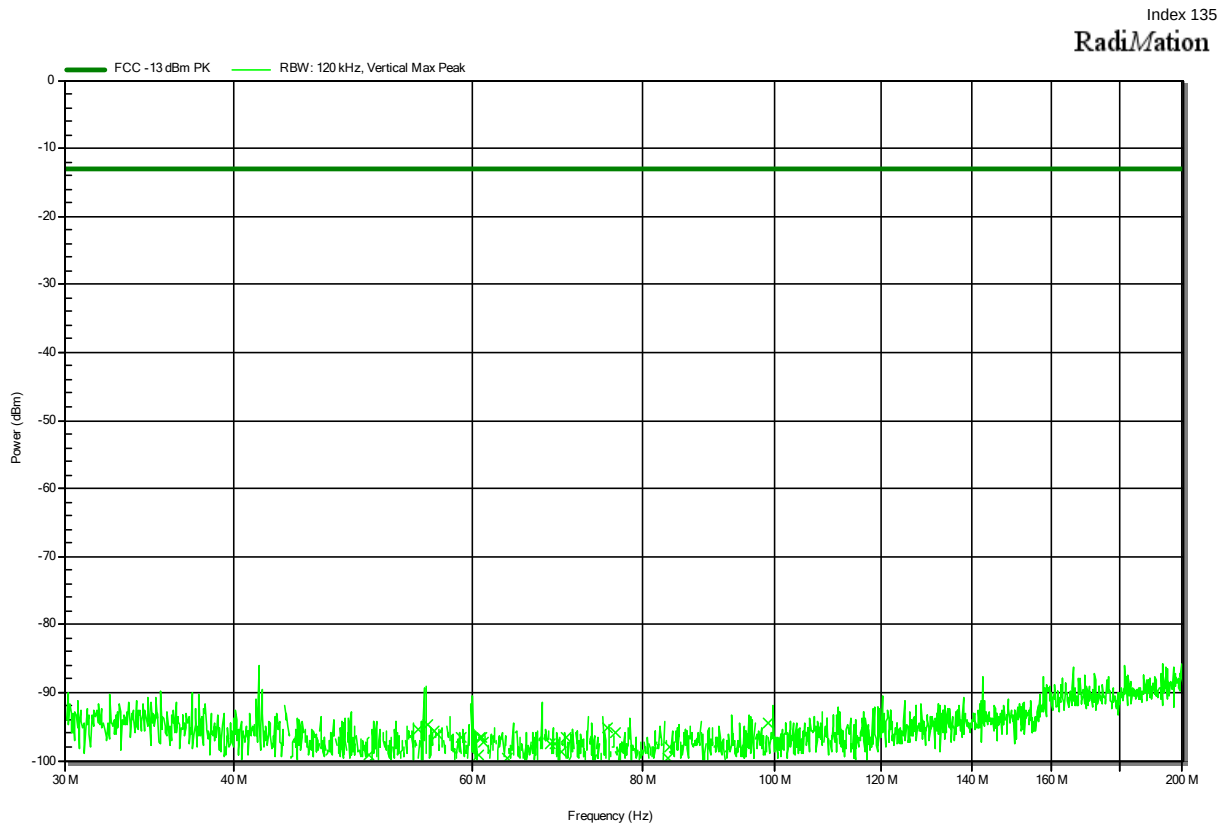
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RadiMation



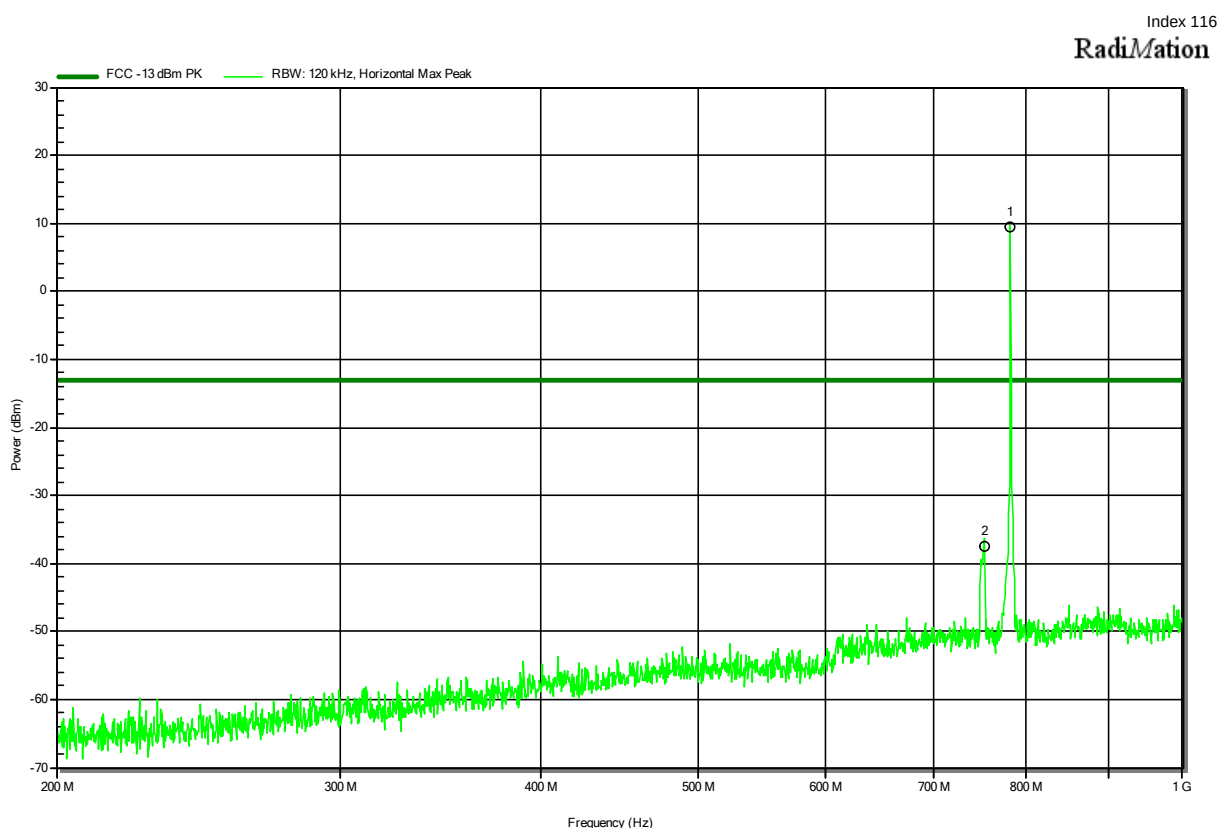
Radiated Spurious Emissions according to 47 CFR Part 27; RSS-130, Issue 2

Project Number: G0M-2104-9762
 Applicant: Webfleet Solutions B.V.
 Model Description: Telematic Device with GSM+LTE+GNSS+OBD connector
 Model: L0240
 Test Sample ID: 34392
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Voigt
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 24 °Celsius, Vnom: 12 VDC
 Antenna: Rohde & Schwarz HK 116, Vertical
 Measurement distance: 3 m
 Mode: Tx; LTE FDD13 / PMAX + BT, DH5, 2480MHz
 Test Date: 2021-08-26
 Note:



Radiated Spurious Emissions according to 47 CFR Part 27; RSS-130, Issue 2

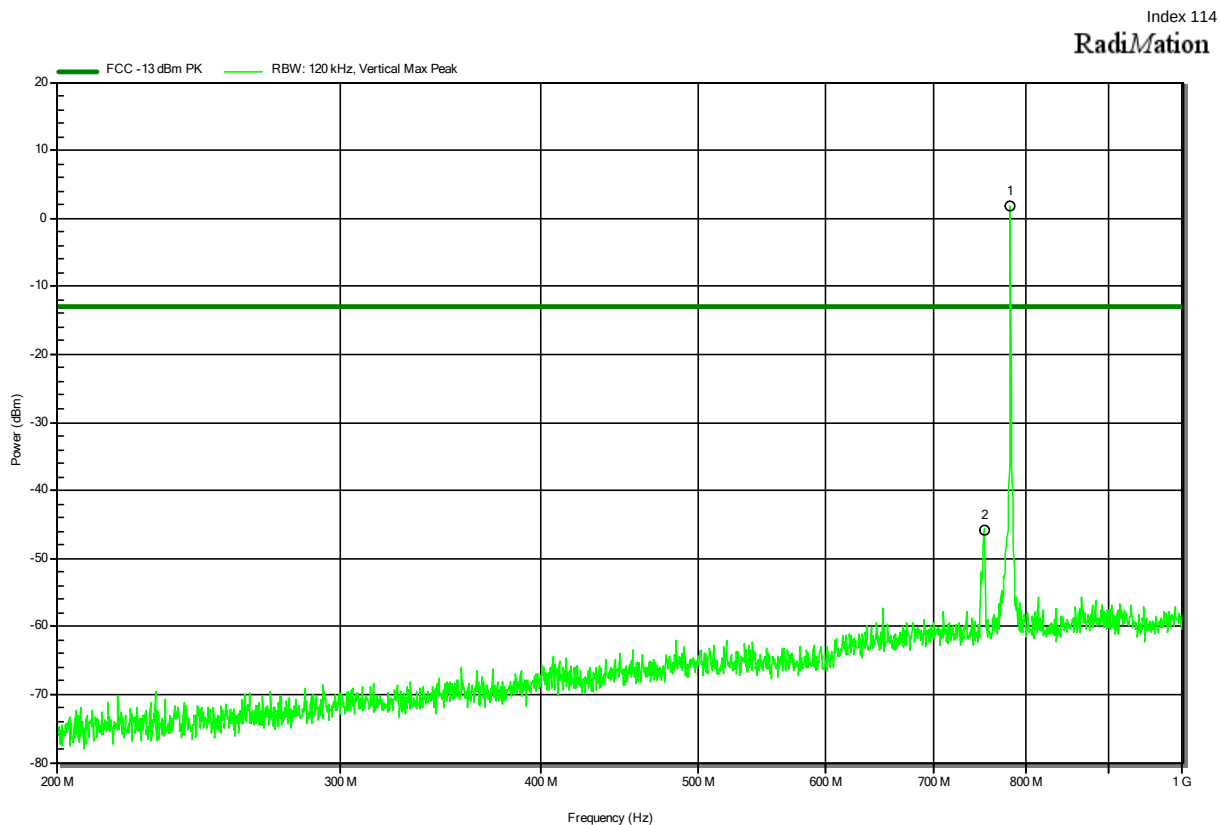
Project Number: G0M-2104-9762
 Applicant: Webfleet Solutions B.V.
 Model Description: Telematic Device with GSM+LTE+GNSS+OBD connector
 Model: L0240
 Test Sample ID: 34392
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Voigt
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 24 °Celsius, Vnom: 12 VDC
 Antenna: Rohde & Schwarz HL 223, Horizontal
 Measurement distance: 3 m
 Mode: Tx; LTE FDD13 / PMAx + BT, DH5, 2480MHz
 Test Date: 2021-08-26
 Note: Marker1 is uplink
 Marker2 is downlink



Frequency	Peak	Peak Limit	Peak Difference	Peak Status
753.05 MHz	-37.5 dBm			Downlink
781.8 MHz	-37.5 dBm			Uplink

Radiated Spurious Emissions according to 47 CFR Part 27; RSS-130, Issue 2

Project Number: G0M-2104-9762
 Applicant: Webfleet Solutions B.V.
 Model Description: Telematic Device with GSM+LTE+GNSS+OBD connector
 Model: L0240
 Test Sample ID: 34392
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Voigt
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 24 °Celsius, Vnom: 12 VDC
 Antenna: Rohde & Schwarz HL 223, Vertical
 Measurement distance: 3 m
 Mode: Tx; LTE FDD13 / PMAX + BT, DH5, 2480MHz
 Test Date: 2021-08-26
 Note: Marker1 is uplink
 Marker2 is downlink



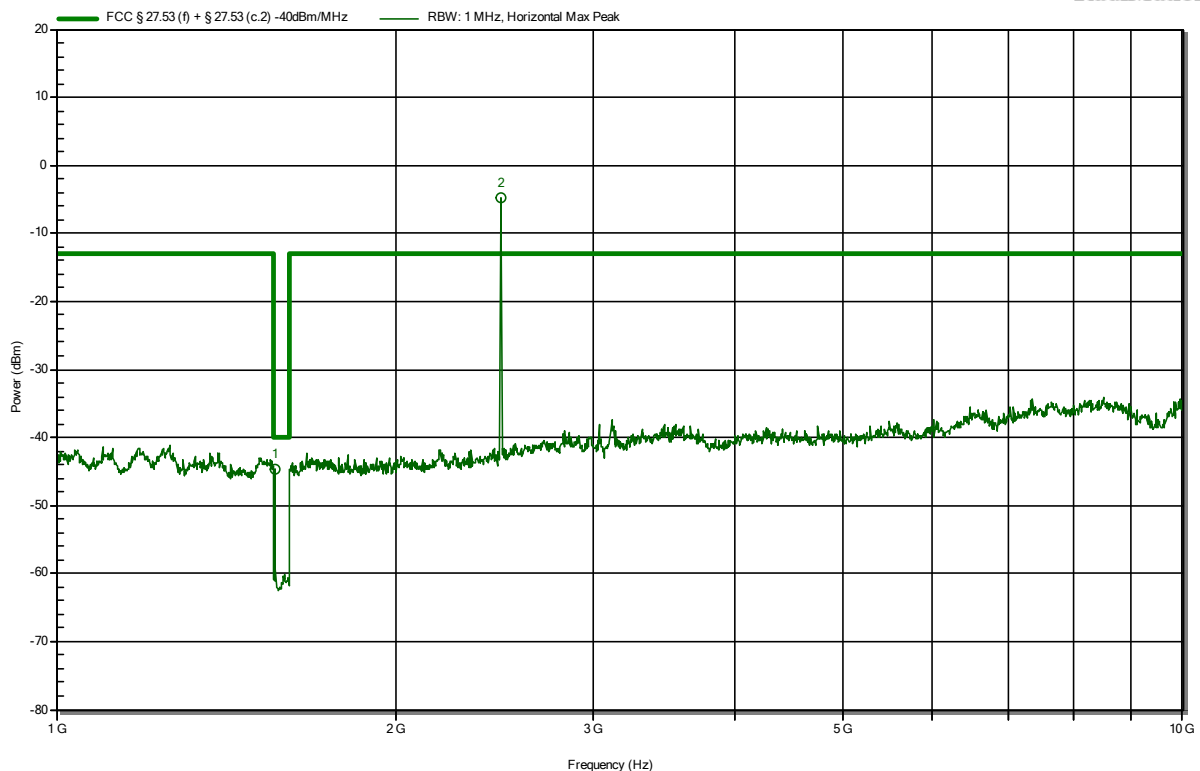
Frequency	Peak	Peak Limit	Peak Difference	Peak Status
753.05 MHz	-45.8 dBm			Downlink
781.85 MHz	-47.5 dBm			Uplink

Radiated Spurious Emissions according to 47 CFR Part 27; RSS-130, Issue 2

Project Number: G0M-2104-9762
 Applicant: Webfleet Solutions B.V.
 Model Description: Telematic Device with GSM+LTE+GNSS+OBD connector
 Model: L0240
 Test Sample ID: 34392
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Voigt
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 24 °Celsius, Vnom: 12 VDC
 Antenna: Schwarzbeck BBHA 9120B, Horizontal
 Measurement distance: 3 m
 Mode: Tx; LTE FDD13 / PMAX + BT, DH5, 2480MHz
 Test Date: 2021-08-25
 Note: Marker2 is Bluetooth TX

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RadiMation



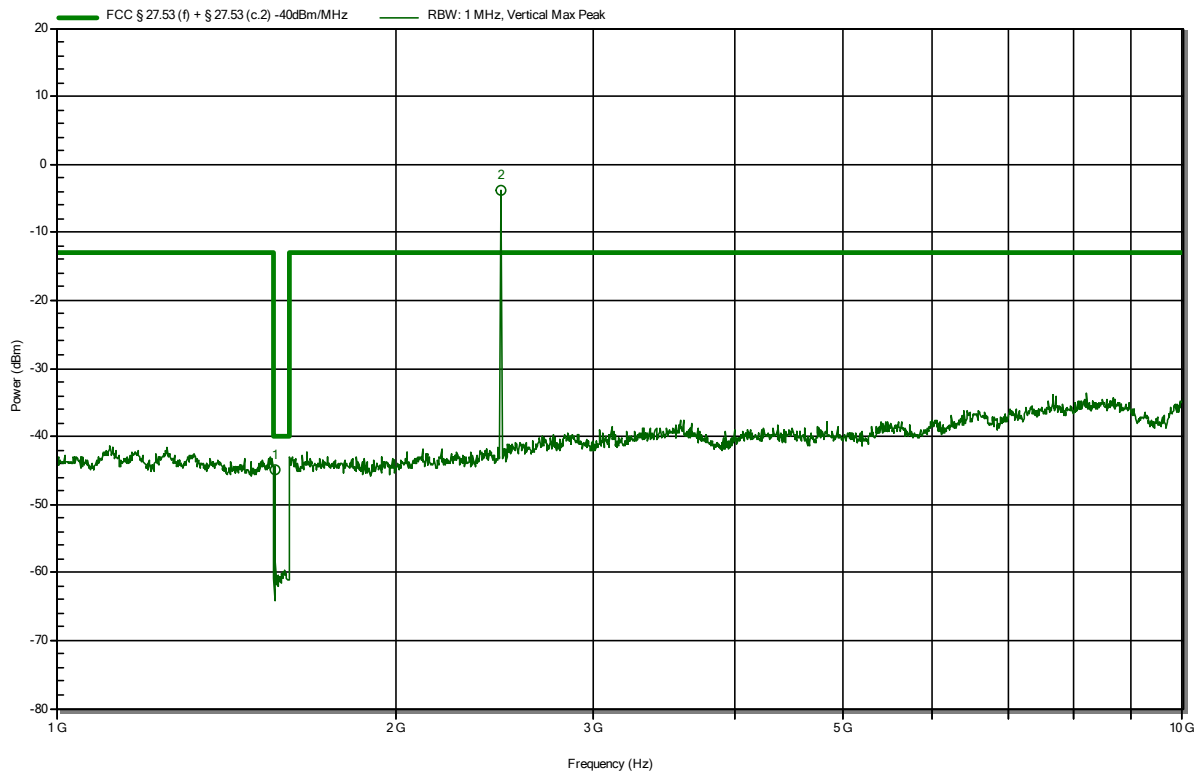
Frequency	Peak	Peak Limit	Peak Difference	Peak Status
1.564 GHz	-44.6 dBm	-40 dBm	-4.6 dB	Pass
2.48 GHz	-4.7 dBm			Bluetooth TX

Radiated Spurious Emissions according to 47 CFR Part 27; RSS-130, Issue 2

Project Number: G0M-2104-9762
 Applicant: Webfleet Solutions B.V.
 Model Description: Telematic Device with GSM+LTE+GNSS+OBD connector
 Model: L0240
 Test Sample ID: 34392
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Voigt
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 24 °Celsius, Vnom: 12 VDC
 Antenna: Schwarzbeck BBHA 9120B, Vertical
 Measurement distance: 3 m
 Mode: Tx; LTE FDD13 / PMAX + BT, DH5, 2480MHz
 Test Date: 2021-08-25
 Note: Marker2 is Bluetooth TX

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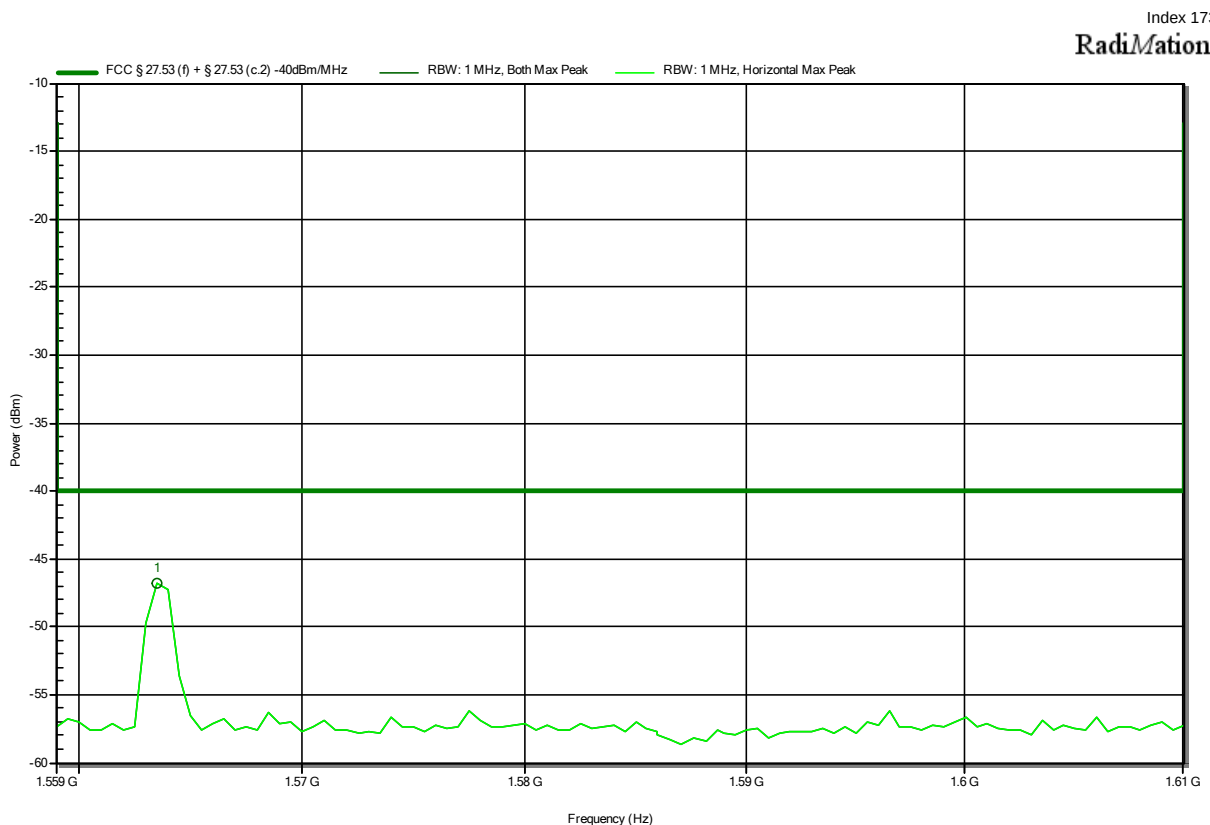
RadiMation



Frequency	Peak	Peak Limit	Peak Difference	Peak Status
1.564 GHz	-44.8 dBm	-40 dBm	-4.8 dB	Pass
2.48 GHz	-3.8 dBm			Bluetooth TX

Radiated Spurious Emissions according to 47 CFR Part 27; RSS-130, Issue 2

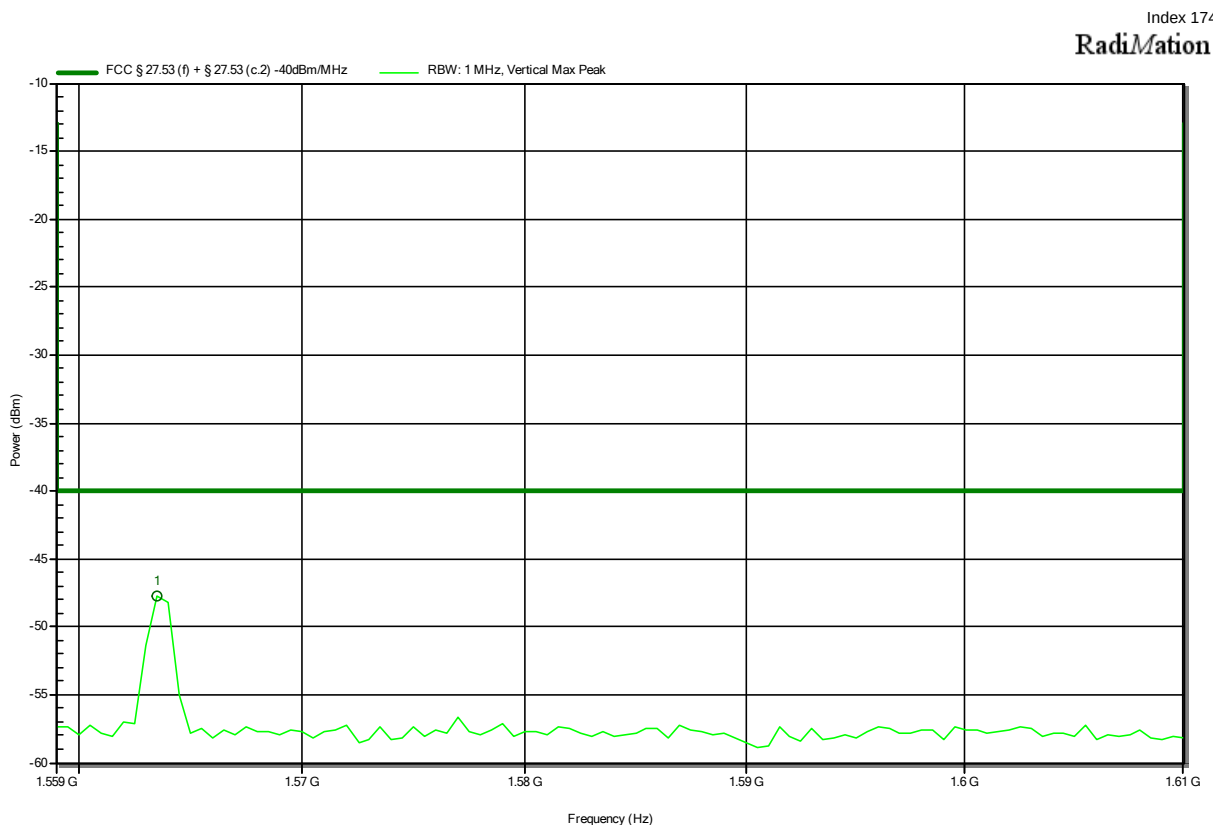
Project Number: G0M-2104-9762
 Applicant: Webfleet Solutions B.V.
 Model Description: Telematic Device with GSM+LTE+GNSS+OBD connector
 Model: L0240
 Test Sample ID: 34392
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Voigt
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 23 °Celsius, Vnom: 12 VDC
 Antenna: Schwarzbeck BBHA 9120D, Horizontal
 Measurement distance: 3 m
 Mode: Tx; LTE FDD13 / PMAX
 Test Date: 2021-09-23
 Note:



Frequency	Peak	Peak Limit	Peak Difference	Peak Status
1.564 GHz	-46.8 dBm	-40 dBm	-6.85 dB	Pass

Radiated Spurious Emissions according to 47 CFR Part 27; RSS-130, Issue 2

Project Number: G0M-2104-9762
 Applicant: Webfleet Solutions B.V.
 Model Description: Telematic Device with GSM+LTE+GNSS+OBD connector
 Model: L0240
 Test Sample ID: 34392
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Voigt
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 23 °Celsius, Vnom: 12 VDC
 Antenna: Schwarzbeck BBHA 9120D, Vertical
 Measurement distance: 3 m
 Mode: Tx; LTE FDD13 / PMAX
 Test Date: 2021-09-23
 Note:



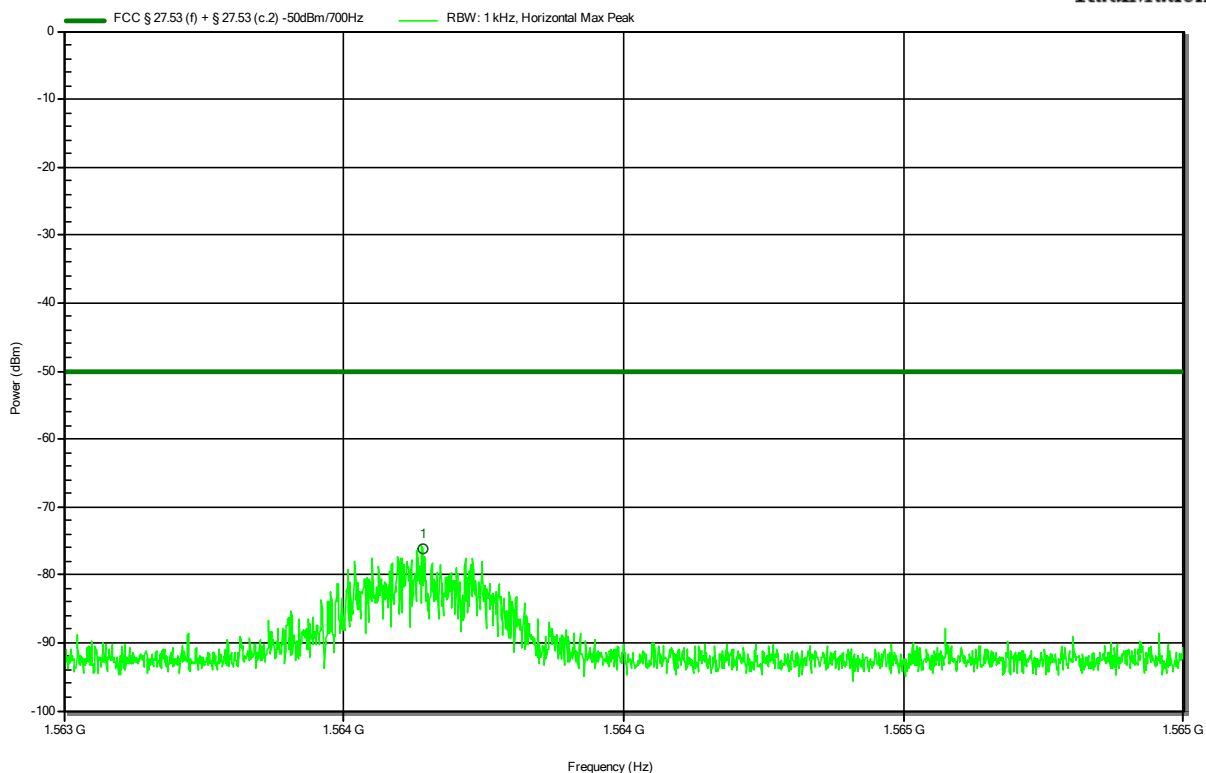
Frequency	Peak	Peak Limit	Peak Difference	Peak Status
1.564 GHz	-47.8 dBm	-40 dBm	-7.79 dB	Pass

Radiated Spurious Emissions according to 47 CFR Part 27; RSS-130, Issue 2

Project Number: G0M-2104-9762
 Applicant: Webfleet Solutions B.V.
 Model Description: Telematic Device with GSM+LTE+GNSS+OBD connector
 Model: L0240
 Test Sample ID: 34392
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Voigt
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 23 °Celsius, Vnom: 12 VDC
 Antenna: Schwarzbeck BBHA 9120D, Horizontal
 Measurement distance: 3 m
 Mode: Tx; LTE FDD13 / PMAX
 Test Date: 2021-09-23
 Note:

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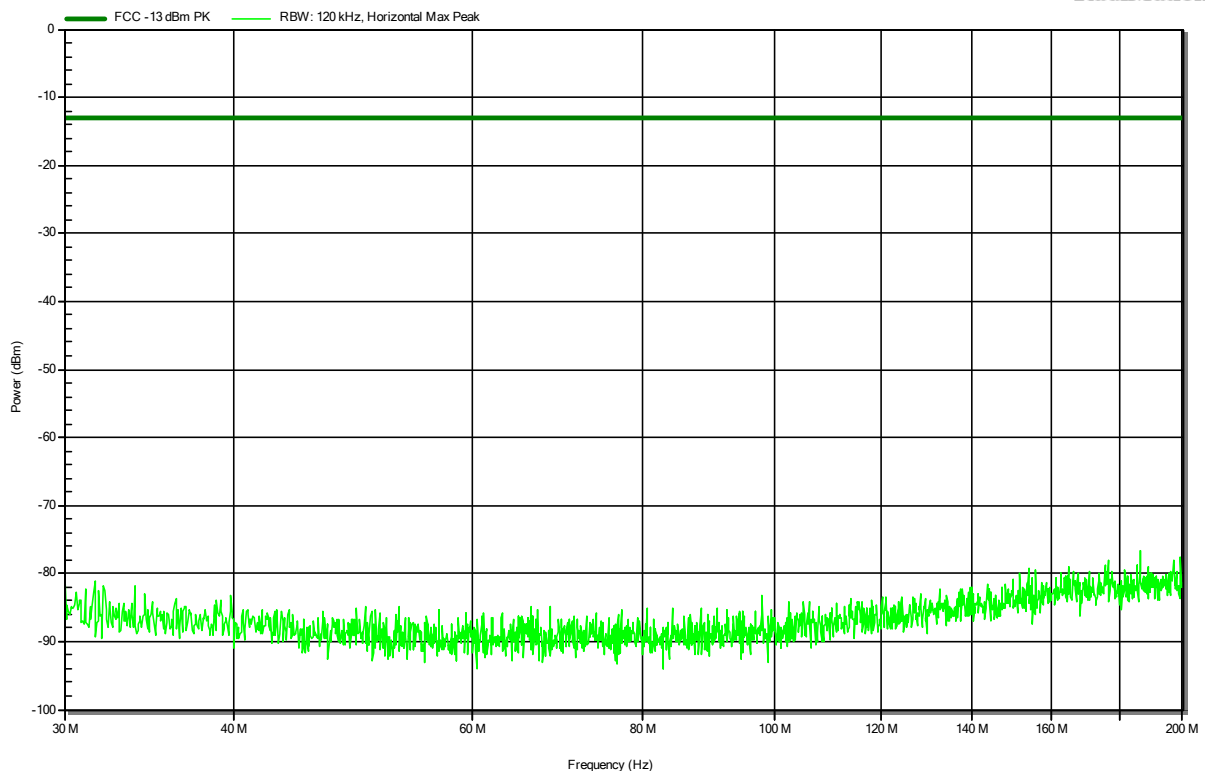
Frequency	Peak	Peak Limit	Peak Difference	Peak Status
1.564 GHz	-76.2 dBm	-50 dBm	-26.2 dB	Pass

Radiated Spurious Emissions according to 47 CFR Part 22H; RSS-132 Issue 3

Project Number: G0M-2104-9762
 Applicant: Webfleet Solutions B.V.
 Model Description: Telematic Device with GSM+LTE+GNSS+OBD connector
 Model: L0240
 Test Sample ID: 34392
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Voigt
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 24 °Celsius, Vnom: 12 VDC
 Antenna: Rohde & Schwarz HK 116, Horizontal
 Measurement distance: 3 m
 Mode: Tx; GSM850 / GMSK + BT, DH5, 2480MHz
 Test Date: 2021-08-26
 Note:

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RadiMation

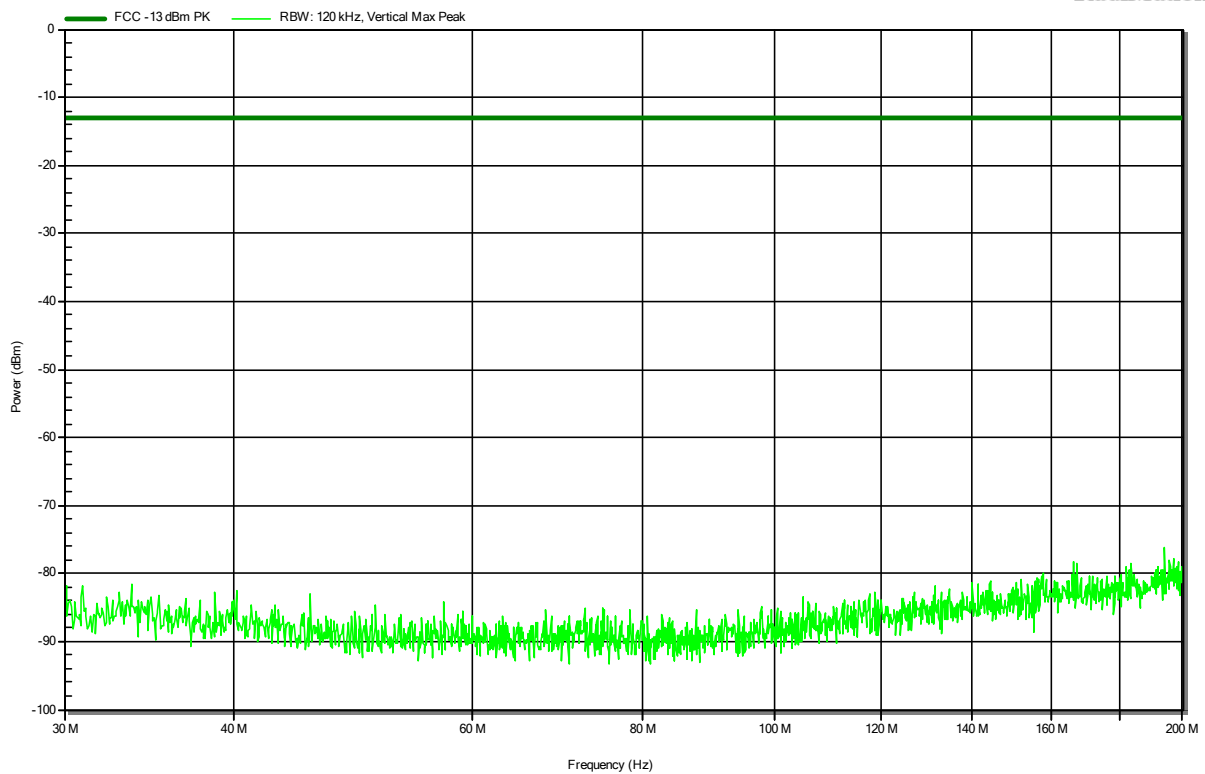


Radiated Spurious Emissions according to 47 CFR Part 22H; RSS-132 Issue 3

Project Number: G0M-2104-9762
 Applicant: Webfleet Solutions B.V.
 Model Description: Telematic Device with GSM+LTE+GNSS+OBD connector
 Model: L0240
 Test Sample ID: 34392
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Voigt
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 24 °Celsius, Vnom: 12 VDC
 Antenna: Rohde & Schwarz HK 116, Vertical
 Measurement distance: 3 m
 Mode: Tx; GSM850 / GMSK + BT, DH5, 2480MHz
 Test Date: 2021-08-26
 Note:

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RadiMation

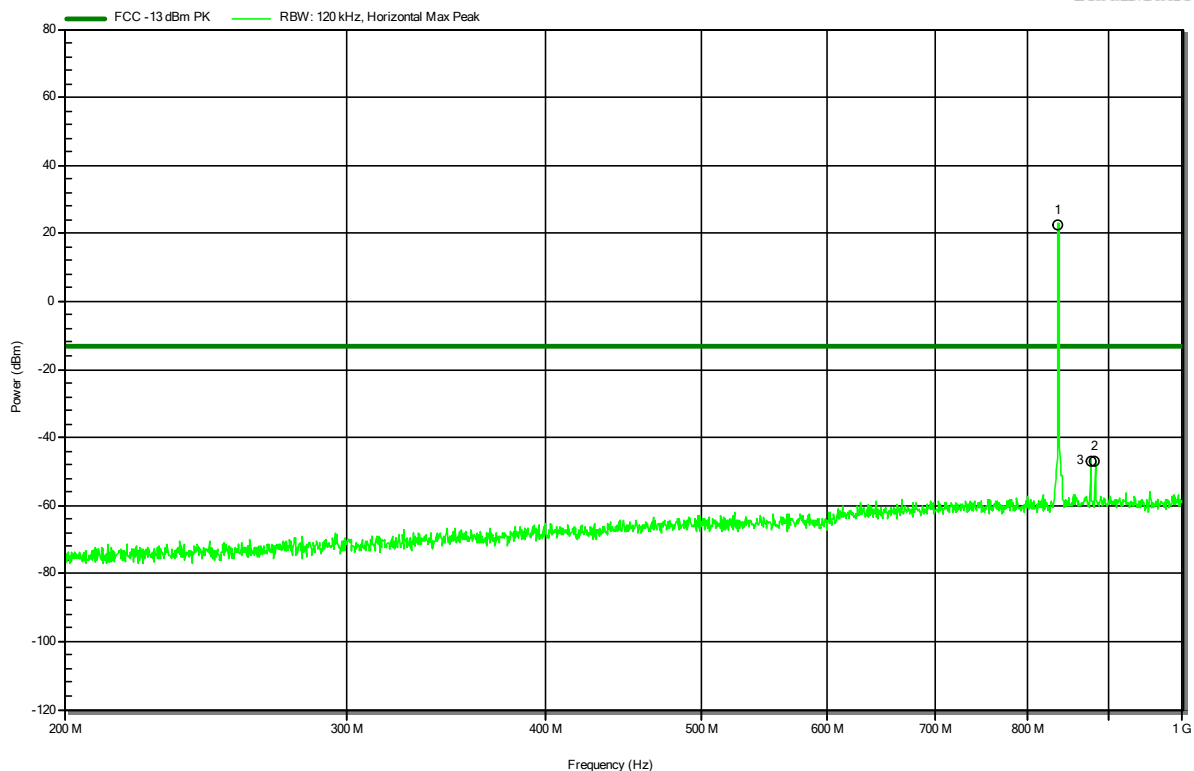


Radiated Spurious Emissions according to 47 CFR Part 22H; RSS-132 Issue 3

Project Number: G0M-2104-9762
 Applicant: Webfleet Solutions B.V.
 Model Description: Telematic Device with GSM+LTE+GNSS+OBD connector
 Model: L0240
 Test Sample ID: 34392
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Voigt
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 24 °Celsius, Vnom: 12 VDC
 Antenna: Rohde & Schwarz HL 223, Horizontal
 Measurement distance: 3 m
 Mode: Tx; GSM850 / GMSK + BT, DH5, 2480MHz
 Test Date: 2021-08-26
 Note: Marker1 is uplink

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RadiMation



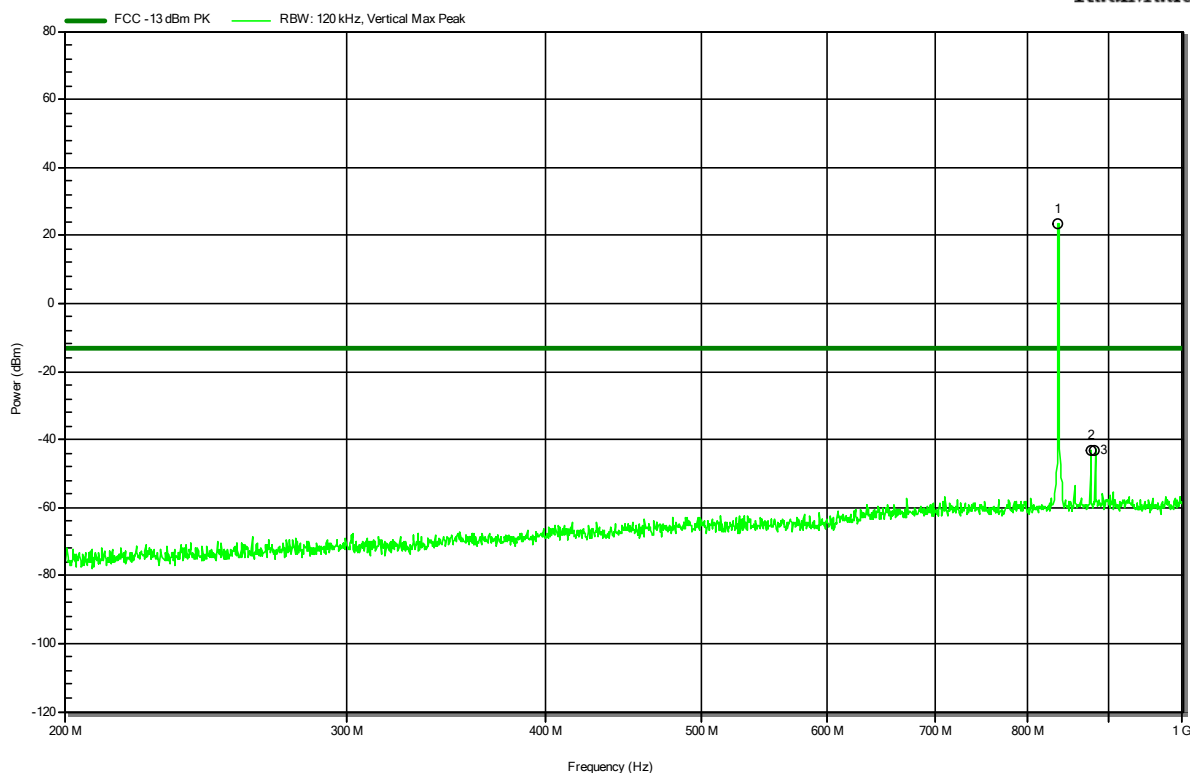
Frequency	Peak	Peak Limit	Peak Difference	Peak Status
836.4 MHz	22.7 dBm			Uplink
876 MHz	-47.1 dBm	-13 dBm	-34.11 dB	Pass
881.4 MHz	-47.1 dBm	-13 dBm	-34.1 dB	Pass

Radiated Spurious Emissions according to 47 CFR Part 22H; RSS-132 Issue 3

Project Number: G0M-2104-9762
 Applicant: Webfleet Solutions B.V.
 Model Description: Telematic Device with GSM+LTE+GNSS+OBD connector
 Model: L0240
 Test Sample ID: 34392
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Voigt
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 24 °Celsius, Vnom: 12 VDC
 Antenna: Rohde & Schwarz HL 223, Vertical
 Measurement distance: 3 m
 Mode: Tx; GSM850 / GMSK + BT, DH5, 2480MHz
 Test Date: 2021-08-26
 Note: Marker1 is uplink

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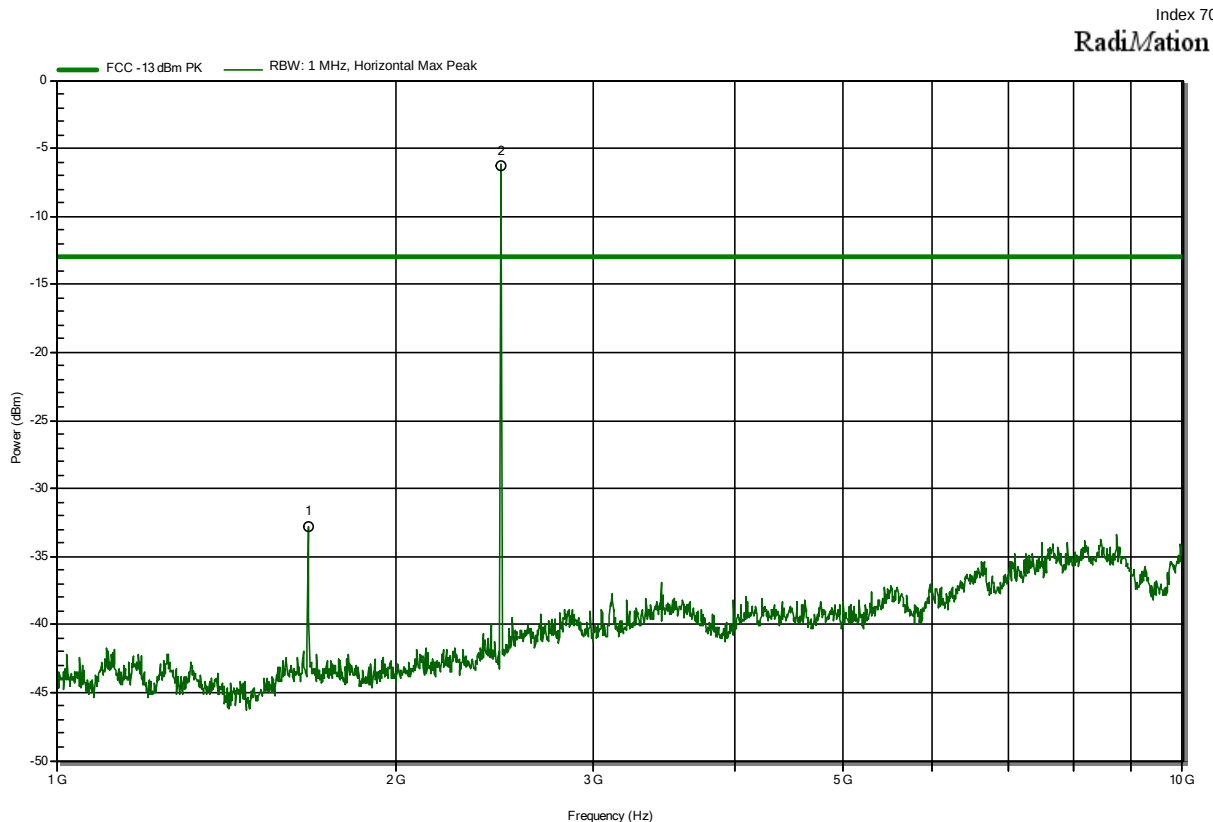
RadiMation



Frequency	Peak	Peak Limit	Peak Difference	Peak Status
836.4 MHz	23.2 dBm	-13 dBm	-30.18 dB	Uplink
876 MHz	-43.2 dBm	-13 dBm	-30.18 dB	Pass
881.4 MHz	-43.5 dBm	-13 dBm	-30.46 dB	Pass

Radiated Spurious Emissions according to 47 CFR Part 22H; RSS-132 Issue 3

Project Number: G0M-2104-9762
 Applicant: Webfleet Solutions B.V.
 Model Description: Telematic Device with GSM+LTE+GNSS+OBD connector
 Model: L0240
 Test Sample ID: 34392
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Voigt
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 24 °Celsius, Vnom: 12 VDC
 Antenna: Schwarzbeck BBHA 9120B, Vertical
 Measurement distance: 3 m
 Mode: Tx; GSM850 / GMSK + BT, DH5, 2480MHz
 Test Date: 2021-08-24
 Note: Marker2 is Bluetooth TX



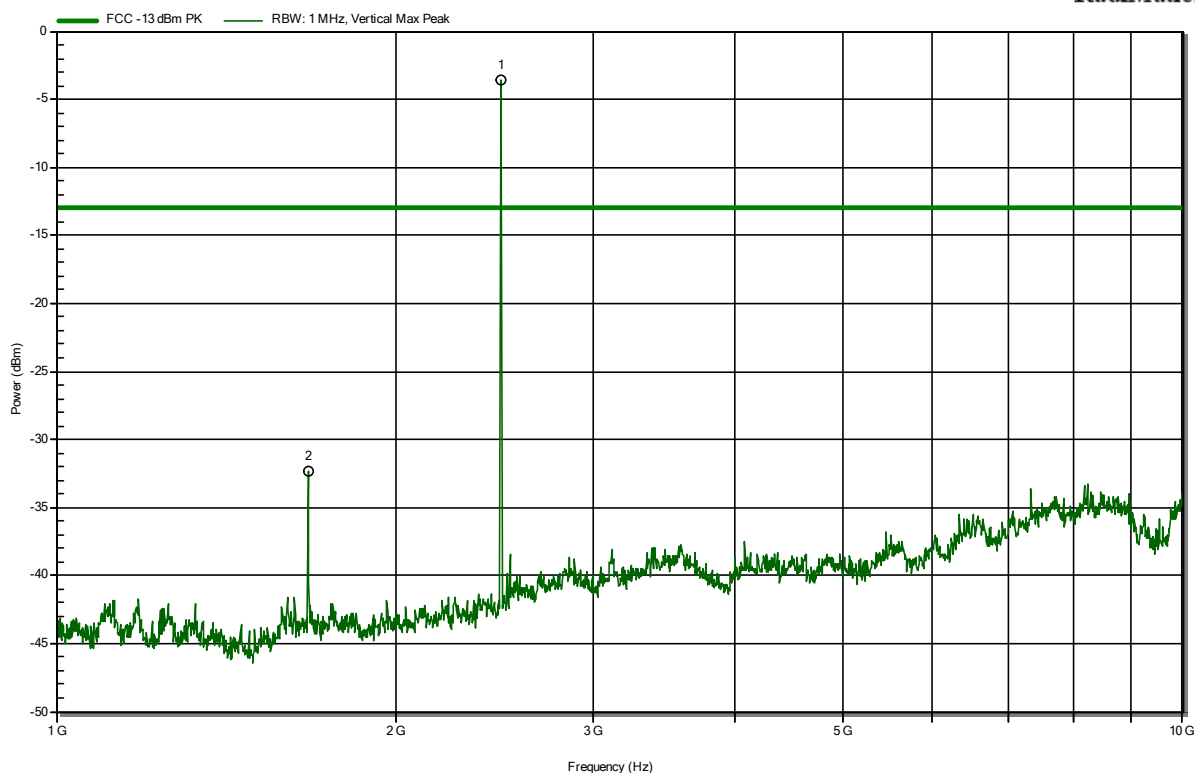
Frequency	Peak	Peak Limit	Peak Difference	Peak Status
1.673 GHz	-32.8 dBm	-13 dBm	-19.75 dB	Pass
2.48 GHz	-6.3 dBm			Bluetooth TX

Radiated Spurious Emissions according to 47 CFR Part 22H; RSS-132 Issue 3

Project Number: G0M-2104-9762
 Applicant: Webfleet Solutions B.V.
 Model Description: Telematic Device with GSM+LTE+GNSS+OBD connector
 Model: L0240
 Test Sample ID: 34392
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Voigt
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 24 °Celsius, Vnom: 12 VDC
 Antenna: Schwarzbeck BBHA 9120B, Vertical
 Measurement distance: 3 m
 Mode: Tx; GSM850 / GMSK + BT, DH5, 2480MHz
 Test Date: 2021-08-24
 Note: Marker1 is Bluetooth TX

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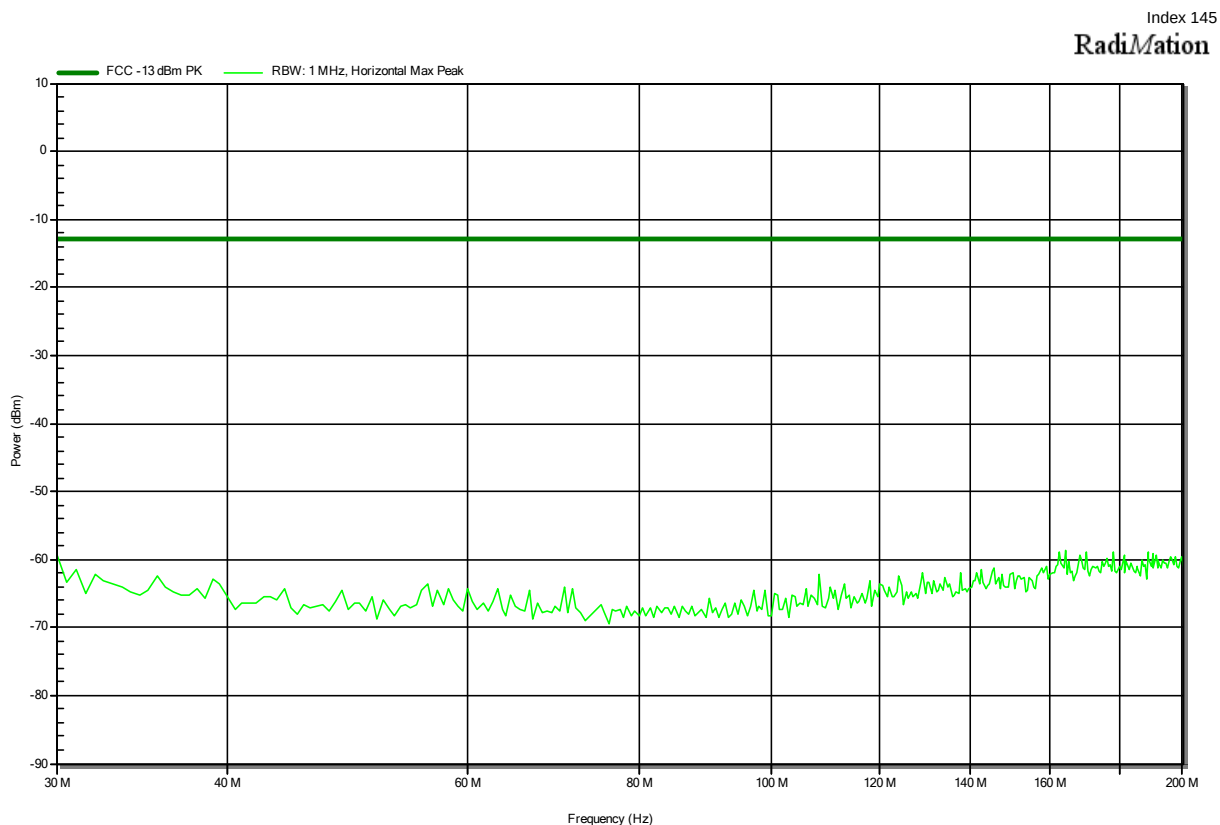
RadiMation



Frequency	Peak	Peak Limit	Peak Difference	Peak Status
1.673 GHz	-32.3 dBm	-13 dBm	-19.31 dB	Pass
2.48 GHz	-3.6 dBm			Bluetooth TX

Radiated Spurious Emissions according to 47 CFR Part 24E; RSS-133, Issue 6+A1

Project Number: G0M-2104-9762
 Applicant: Webfleet Solutions B.V.
 Model Description: Telematic Device with GSM+LTE+GNSS+OBD connector
 Model: L0240
 Test Sample ID: 34392
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Voigt
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 24 °Celsius, Vnom: 12 VDC
 Antenna: Rohde & Schwarz HK 116, Horizontal
 Measurement distance: 3 m
 Mode: Tx; GSM1900 / GMSK + BT, DH5, 2480MHz
 Test Date: 2021-08-26
 Note:

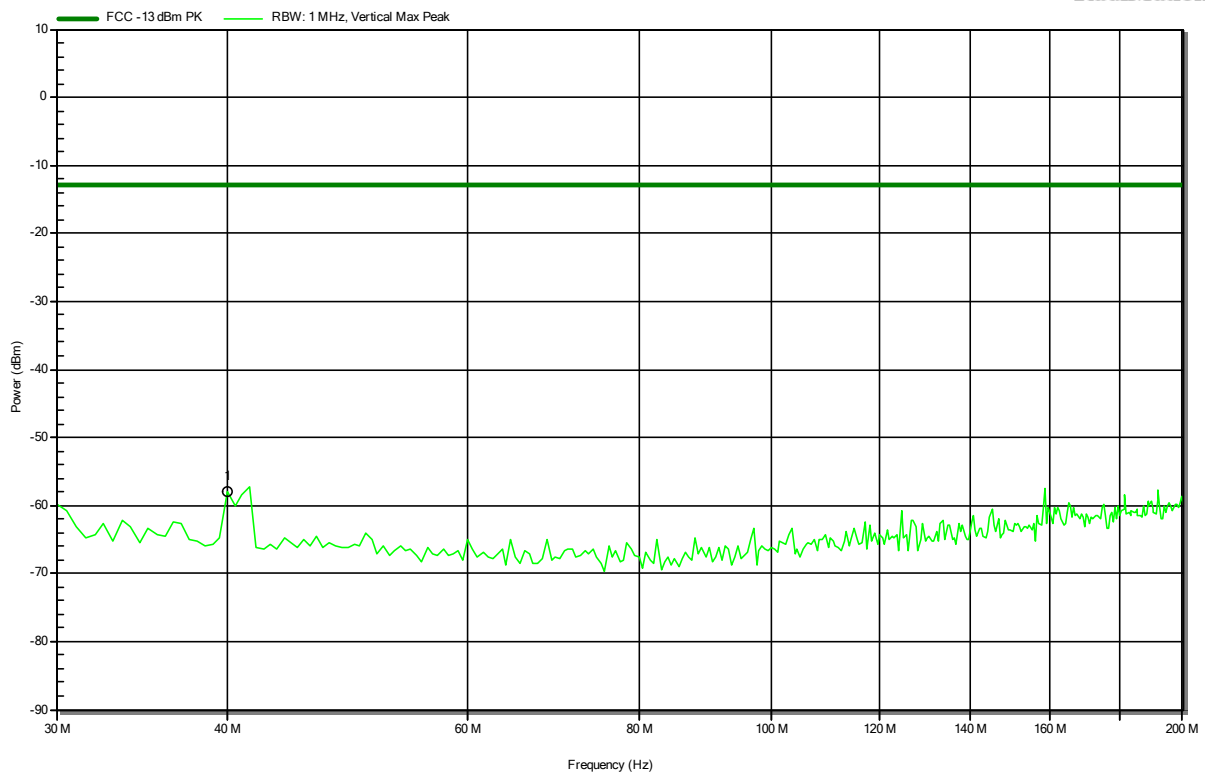


Radiated Spurious Emissions according to 47 CFR Part 24E; RSS-133, Issue 6+A1

Project Number: G0M-2104-9762
 Applicant: Webfleet Solutions B.V.
 Model Description: Telematic Device with GSM+LTE+GNSS+OBD connector
 Model: L0240
 Test Sample ID: 34392
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Voigt
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 24 °Celsius, Vnom: 12 VDC
 Antenna: Rohde & Schwarz HK 116, Vertical
 Measurement distance: 3 m
 Mode: Tx; GSM1900 / GMSK + BT, DH5, 2480MHz
 Test Date: 2021-08-26
 Note:

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RadiMation



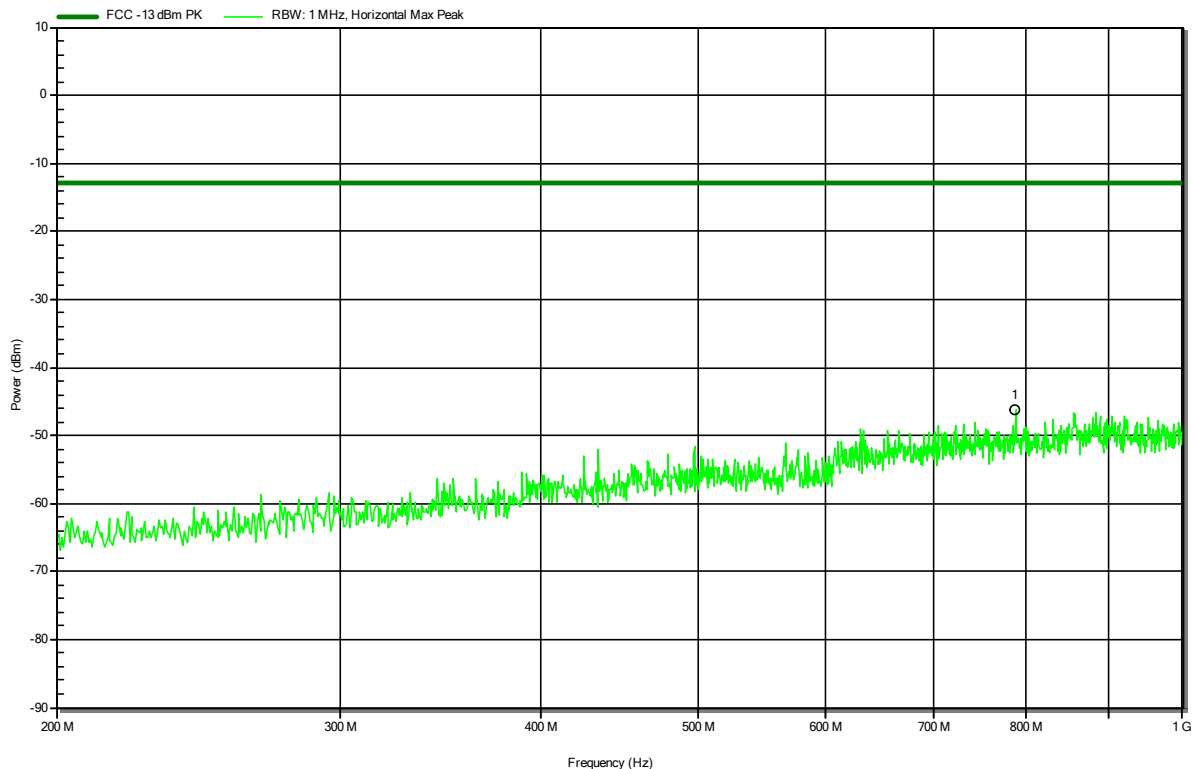
Frequency	Peak	Peak Limit	Peak Difference	Peak Status
40 MHz	-57.9 dBm	-13 dBm	-44.89 dB	Pass

Radiated Spurious Emissions according to 47 CFR Part 24E; RSS-133, Issue 6+A1

Project Number: G0M-2104-9762
 Applicant: Webfleet Solutions B.V.
 Model Description: Telematic Device with GSM+LTE+GNSS+OBD connector
 Model: L0240
 Test Sample ID: 34392
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Voigt
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 24 °Celsius, Vnom: 12 VDC
 Antenna: Rohde & Schwarz HL 223, Horizontal
 Measurement distance: 3 m
 Mode: Tx; GSM1900 / GMSK + BT, DH5, 2480MHz
 Test Date: 2021-08-26
 Note:

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RadiMation



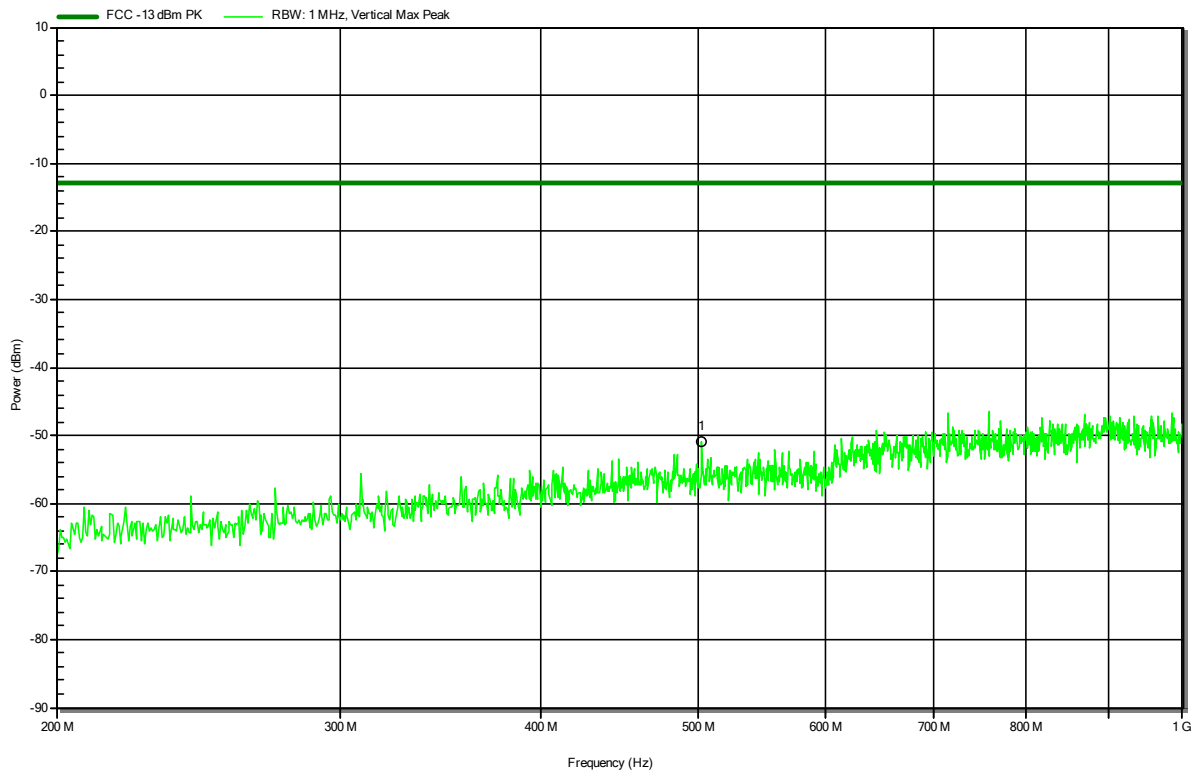
Frequency	Peak	Peak Limit	Peak Difference	Peak Status
787.5 MHz	-46.3 dBm	-13 dBm	-33.28 dB	Pass

Radiated Spurious Emissions according to 47 CFR Part 24E; RSS-133, Issue 6+A1

Project Number: G0M-2104-9762
 Applicant: Webfleet Solutions B.V.
 Model Description: Telematic Device with GSM+LTE+GNSS+OBD connector
 Model: L0240
 Test Sample ID: 34392
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Voigt
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 24 °Celsius, Vnom: 12 VDC
 Antenna: Rohde & Schwarz HL 223, Vertical
 Measurement distance: 3 m
 Mode: Tx; GSM1900 / GMSK + BT, DH5, 2480MHz
 Test Date: 2021-08-26
 Note:

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RadiMation



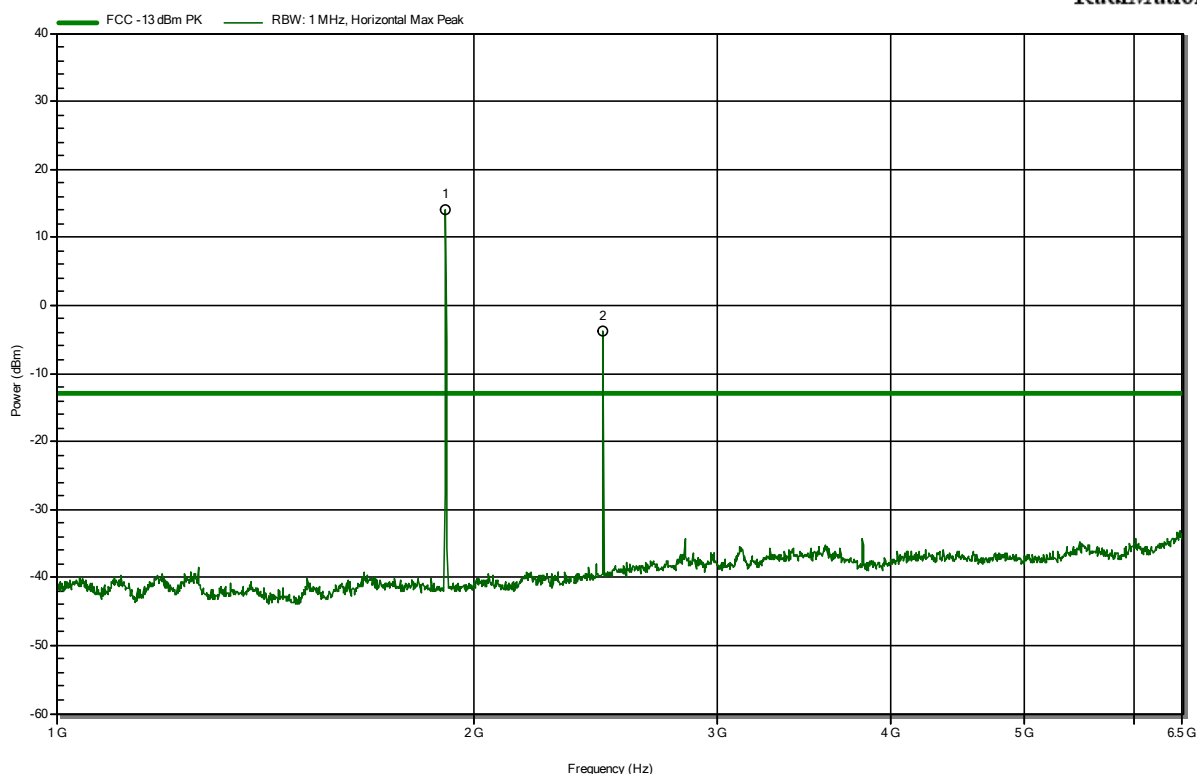
Frequency	Peak	Peak Limit	Peak Difference	Peak Status
503 MHz	-51 dBm	-13 dBm	-38 dB	Pass

Radiated Spurious Emissions according to 47 CFR Part 24E; RSS-133, Issue 6+A1

Project Number: G0M-2104-9762
 Applicant: Webfleet Solutions B.V.
 Model Description: Telematic Device with GSM+LTE+GNSS+OBD connector
 Model: L0240
 Test Sample ID: 34392
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Voigt
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 24 °Celsius, Vnom: 12 VDC
 Antenna: Schwarzbeck BBHA 9120B, Horizontal
 Measurement distance: 3 m
 Mode: Tx; GSM1900 / GMSK + BT, DH5, 2480MHz
 Test Date: 2021-08-24
 Note: Marker1 is uplink,
 Marker2 is Bluetooth TX

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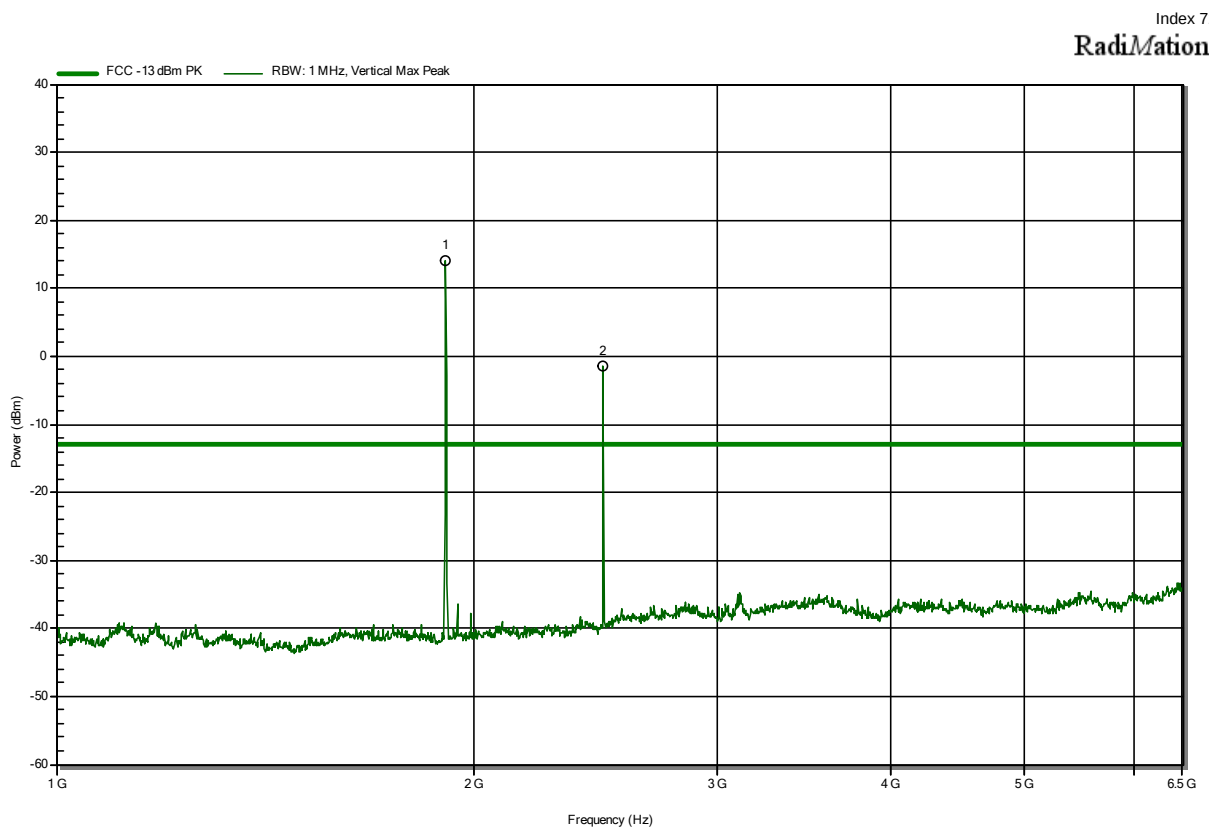
RadiMation



Frequency	Peak	Peak Limit	Peak Difference	Peak Status
1.91 GHz	14.1 dBm			Uplink
2.48 GHz	-3.8 dBm			Bluetooth TX

Radiated Spurious Emissions according to 47 CFR Part 24E; RSS-133, Issue 6+A1

Project Number: G0M-2104-9762
 Applicant: Webfleet Solutions B.V.
 Model Description: Telematic Device with GSM+LTE+GNSS+OBD connector
 Model: L0240
 Test Sample ID: 34392
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Voigt
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 24 °Celsius, Vnom: 12 VDC
 Antenna: Schwarzbeck BBHA 9120B, Vertical
 Measurement distance: 3 m
 Mode: Tx; GSM1900 / GMSK + BT, DH5, 2480MHz
 Test Date: 2021-08-24
 Note: Marker1 is uplink,
 Marker2 is Bluetooth TX



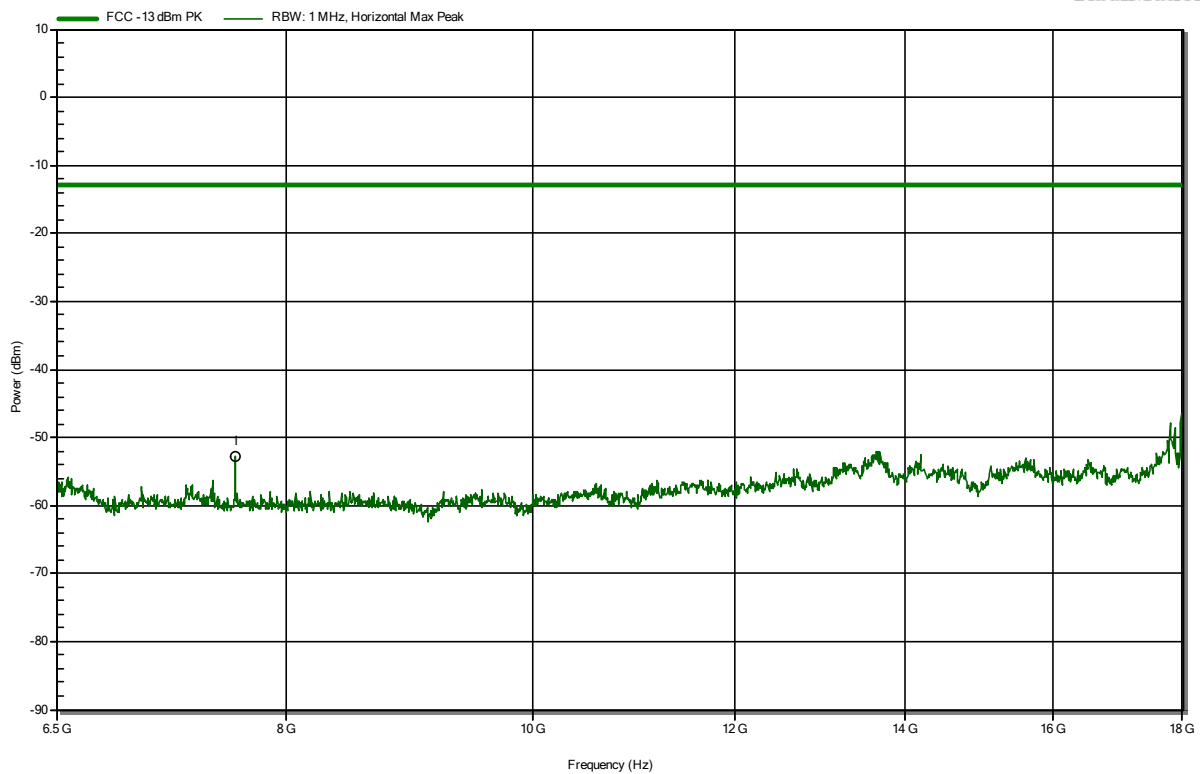
Frequency	Peak	Peak Limit	Peak Difference	Peak Status
1.91 GHz	14.1 dBm			Uplink
2.48 GHz	-1.5 dBm			Bluetooth TX

Radiated Spurious Emissions according to 47 CFR Part 24E; RSS-133, Issue 6+A1

Project Number: G0M-2104-9762
 Applicant: Webfleet Solutions B.V.
 Model Description: Telematic Device with GSM+LTE+GNSS+OBD connector
 Model: L0240
 Test Sample ID: 34392
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Voigt
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 24 °Celsius, Vnom: 12 VDC
 Antenna: Schwarzbeck HWRD 650, Horizontal
 Measurement distance: 3 m
 Mode: Tx; GSM1900 / GMSK + BT, DH5, 2480MHz
 Test Date: 2021-08-24
 Note:

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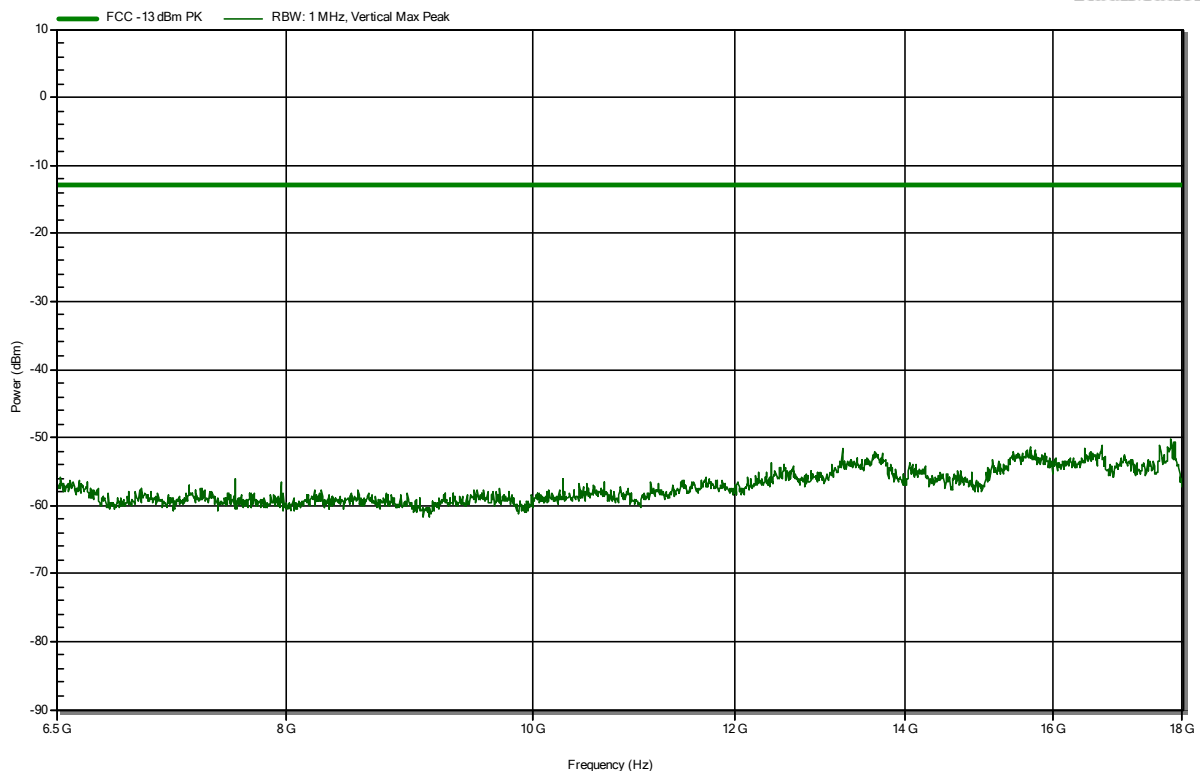
Frequency	Peak	Peak Limit	Peak Difference	Peak Status
7.639 GHz	-52.8 dBm	-13 dBm	-39.84 dB	Pass

Radiated Spurious Emissions according to 47 CFR Part 24E; RSS-133, Issue 6+A1

Project Number: G0M-2104-9762
 Applicant: Webfleet Solutions B.V.
 Model Description: Telematic Device with GSM+LTE+GNSS+OBD connector
 Model: L0240
 Test Sample ID: 34392
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Voigt
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 24 °Celsius, Vnom: 12 VDC
 Antenna: Schwarzbeck HWRD 650, Vertical
 Measurement distance: 3 m
 Mode: Tx; GSM1900 / GMSK + BT, DH5, 2480MHz
 Test Date: 2021-08-24
 Note:

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RadiMation

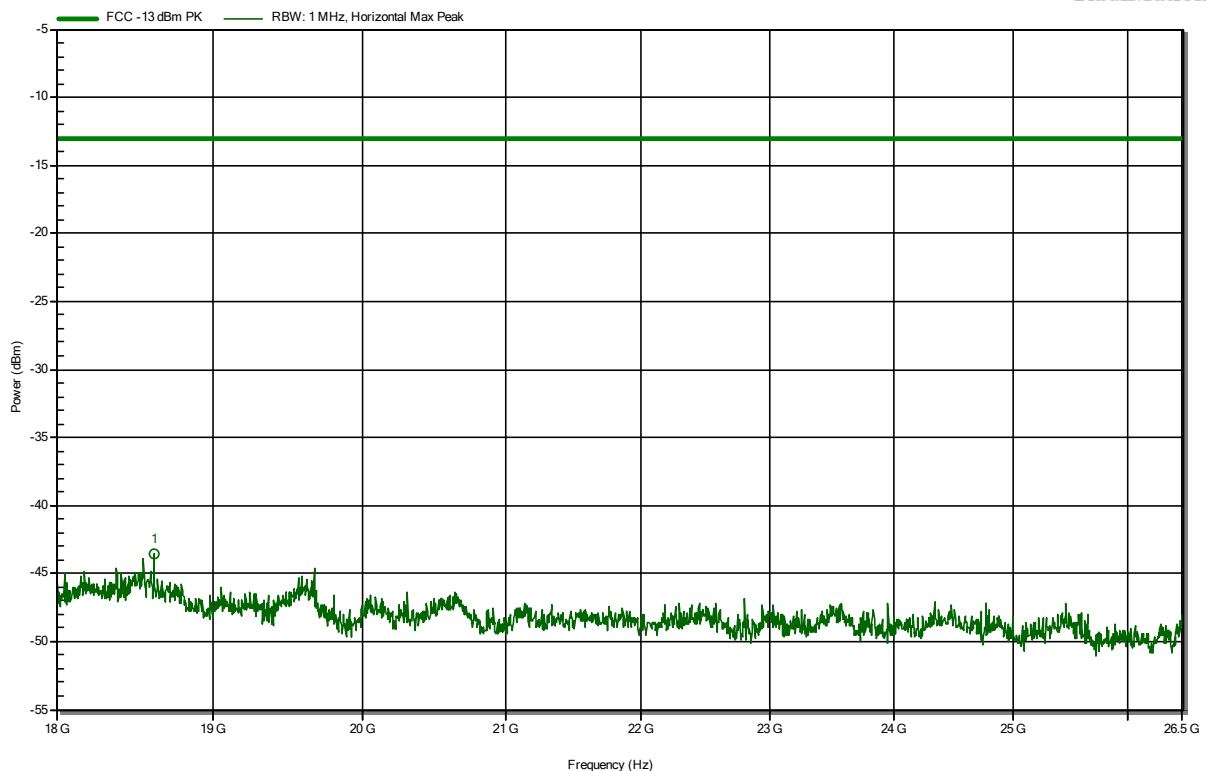


Radiated Spurious Emissions according to 47 CFR Part 24E; RSS-133, Issue 6+A1

Project Number: G0M-2104-9762
 Applicant: Webfleet Solutions B.V.
 Model Description: Telematic Device with GSM+LTE+GNSS+OBD connector
 Model: L0240
 Test Sample ID: 34392
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Voigt
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 24 °Celsius, Vnom: 12 VDC
 Antenna: Amplifier Research AT4560, Horizontal
 Measurement distance: 3 m
 Mode: Tx; GSM1900 / GMSK + BT, DH5, 2480MHz
 Test Date: 2021-08-25
 Note:

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RadiMation



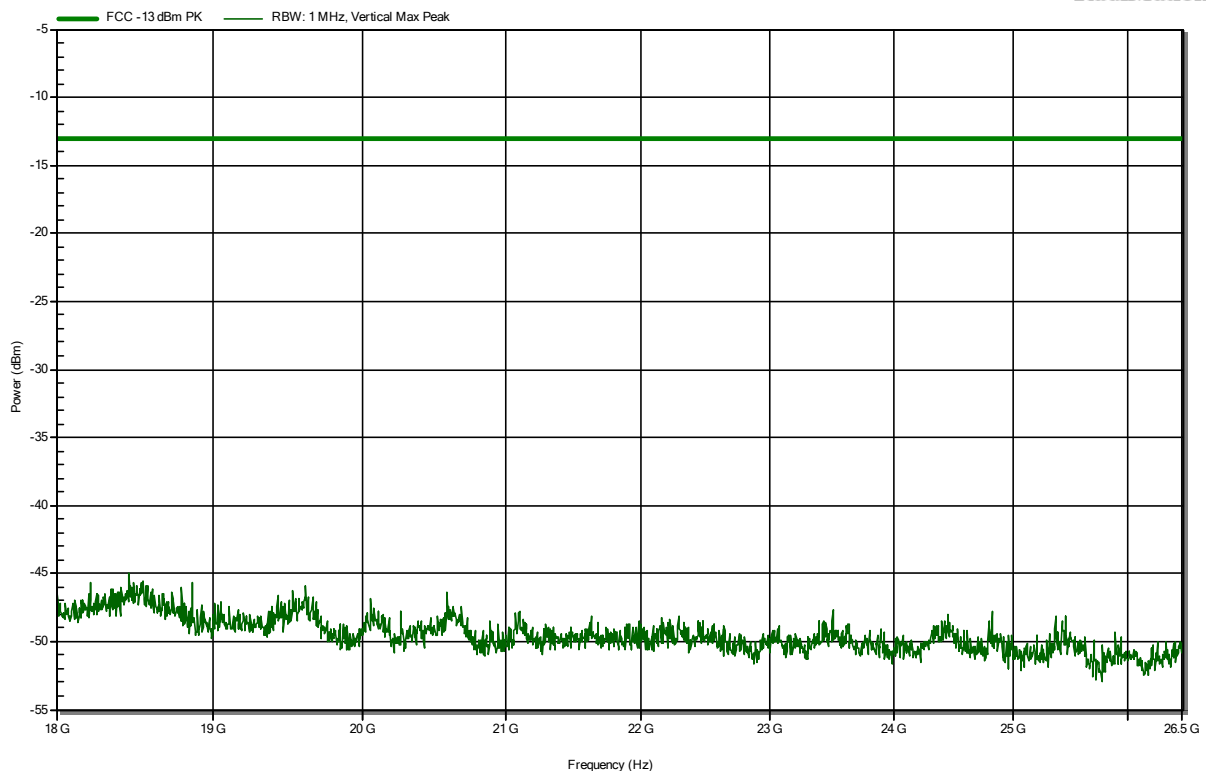
Frequency	Peak	Peak Limit	Peak Difference	Peak Status
18.615 GHz	-43.5 dBm	-13 dBm	-30.54 dB	Pass

Radiated Spurious Emissions according to 47 CFR Part 24E; RSS-133, Issue 6+A1

Project Number: G0M-2104-9762
 Applicant: Webfleet Solutions B.V.
 Model Description: Telematic Device with GSM+LTE+GNSS+OBD connector
 Model: L0240
 Test Sample ID: 34392
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Voigt
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 24 °Celsius, Vnom: 12 VDC
 Antenna: Amplifier Research AT4560, Vertical
 Measurement distance: 3 m
 Mode: Tx; GSM1900 / GMSK + BT, DH5, 2480MHz
 Test Date: 2021-08-25
 Note:

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=== End of test report ===