

RADIO REPORT FCC 47 CFR Part 15C ISED Canada RSS-210 Operation within the 13.110 – 14.010 MHz band	
Report Reference No	G0M-2306-2102-TFC225RI-V01
Testing Laboratory	Eurofins Product Service GmbH
Address	Storkower Str. 38c 15526 Reichenwalde Germany
Accreditation	    DAkkS - Registration number : D-PL-12092-01-03 (ISED) ISED Testing Laboratory site: 3470A DAkkS - Registration number : D-PL-12092-01-04 (FCC) FCC Filed Test Laboratory, Reg.-No.: 96970
Applicant	Bridgestone Mobility Solutions B.V.
Address	Beethovenstraat 503 1083 HK Amsterdam Netherlands
Test Specification	47 CFR Part 15C RSS-210, Issue 10, 2020-04 RSS-Gen, Issue 5, Amendment 2, 2021-02
Non-Standard Test Method	None
Equipment under Test (EUT):	
Product Description	Telematic Accessory with Display + RFID + Bluetooth
Model(s)	PROI
Additional Model(s)	None
Brand Name(s)	webfleet PRO i
Hardware Version(s)	46/2022
Software Version(s)	0.0.25
FCC ID	2AGPAPROI
IC	20911-PROI
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 - 30 °C	
Test Lab Humidity	25 % - 55 %	
Date of receipt of test item	2023-07-20	
Report:		
Compiled by	Wilfried Treffke	
Tested by (+ signature) (Responsible for Test)	Wilfried Treffke	
Approved by (+ signature) (Test Lab Engineer)	Radwan Jaafar	
Date of Issue	2023-11-09	
Total number of pages	32	
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:		

VERSION HISTORY

Version History			
Version	Issue Date	Remarks	Revised By
01	2023-11-09	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
RFID	Radio Frequency Identification
RMS	Root mean square
VBW	Video bandwidth
V _{NOM}	Nominal supply voltage

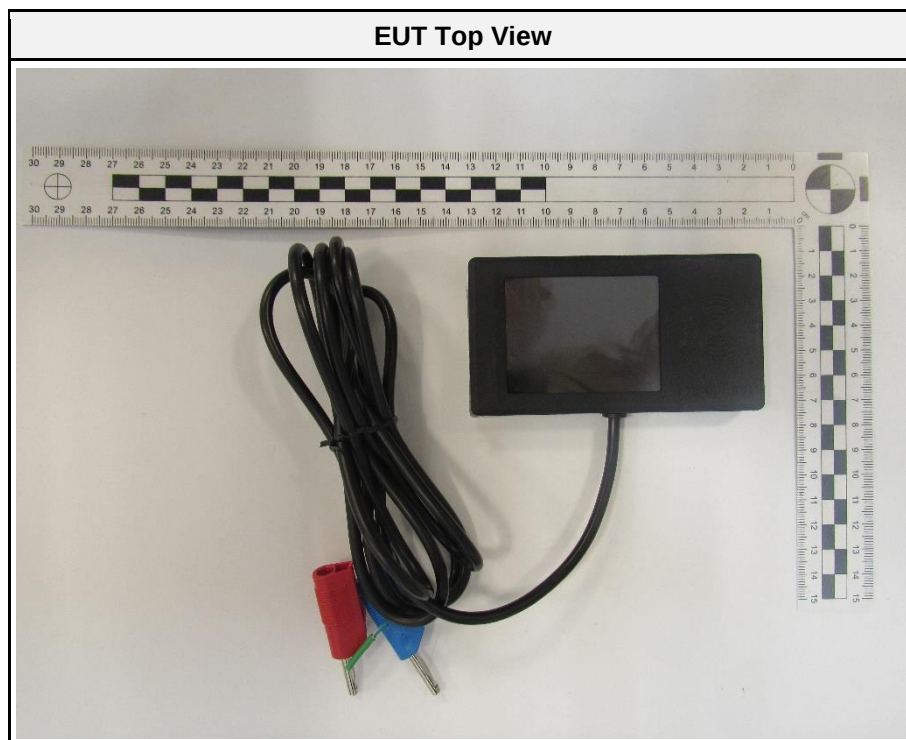
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1 Equipment (Test Item) Under Test

Description	Telematic Accessory with Display + RFID + Bluetooth	
Model	PROI	
Additional Model(s)	None	
Brand Name(s)	webfleet PRO i	
Serial Number(s)	SN: 00213E8059F6	
Test Sample Id(s)	44644	
Hardware Version(s)	46/2022	
Software Version(s)	0.0.25	
PMN	webfleet PRO i	
HVIN	PROI	
FVIN	0.0.25	
HMN	n/a	
FCC ID	2AGPAPROI	
IC	20911-PROI	
Equipment type	End Product	
Radio type	Transceiver	
Assigned frequency bands	13.110 - 14.010 MHz	
Radio technology	RFID	
Modulation	ASK	
Antenna 1 (13.56 MHz)	Type	Integrated
	Model	PCB trace loop antenna
	Manufacturer	Webfleet Solution
	Gain	unspecified
Antenna 2 (125 KHz)	Type	Integrated
	Model	PCB trace loop antenna
	Manufacturer	Webfleet Solution
	Gain	unspecified
Supply Voltage	V _{NOM}	12 VDC / 24 VDC
Operating Temperature	T _{NOM}	25 °C
AC/DC-Adaptor	Model	None
Manufacturer	Bridgestone Mobility Solutions B.V. Beethovenstraat 503 1083 HK Amsterdam Netherlands	

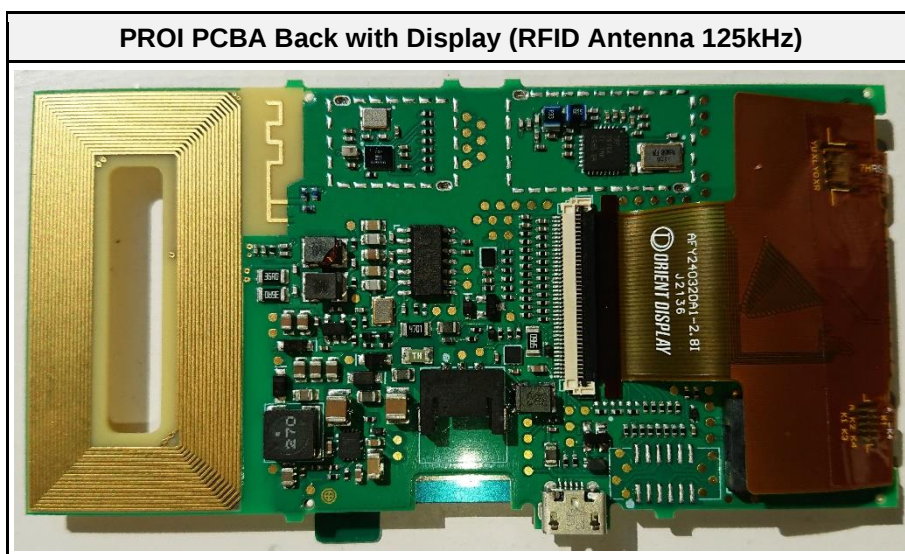
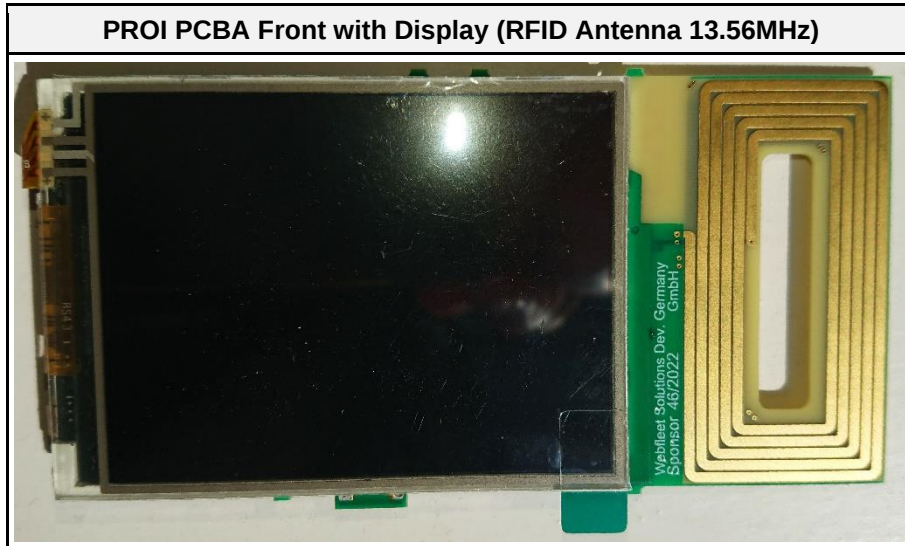
1.1 Photos – Equipment External



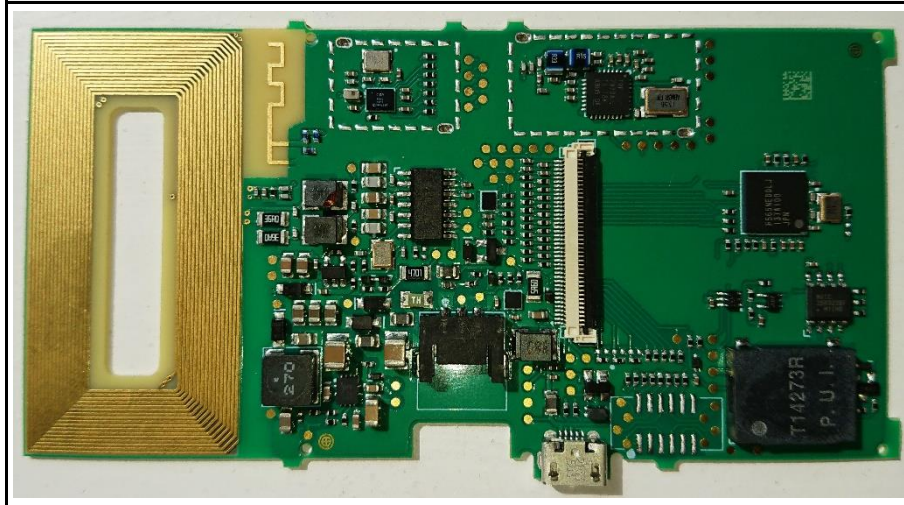
EUT Bottom View



1.2 Photos – Equipment Internal

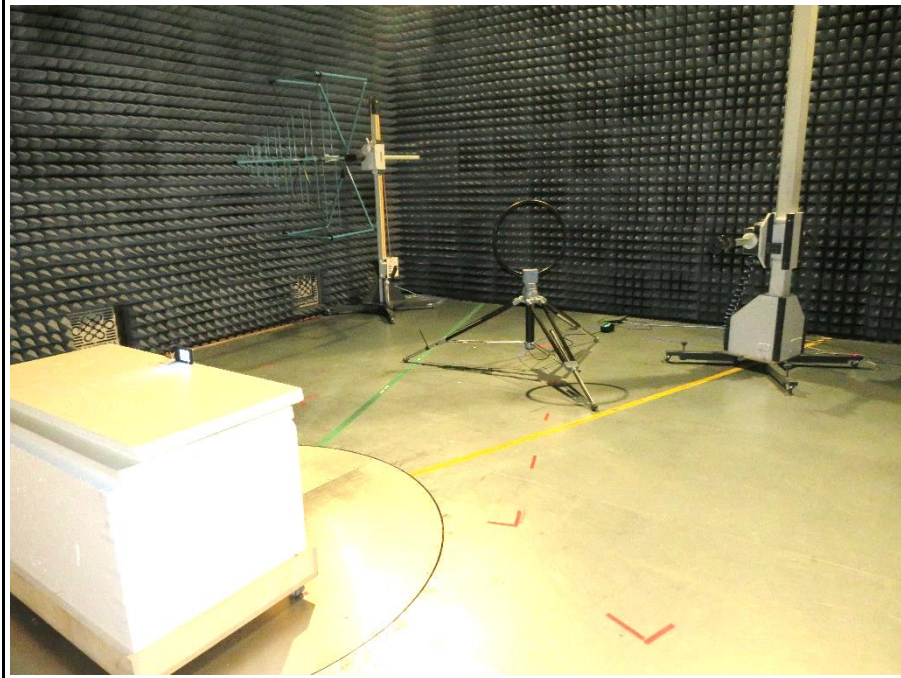


PROI PCBA Back without Display (RFID Antenna 125kHz)



1.3 Photos – Test Setup

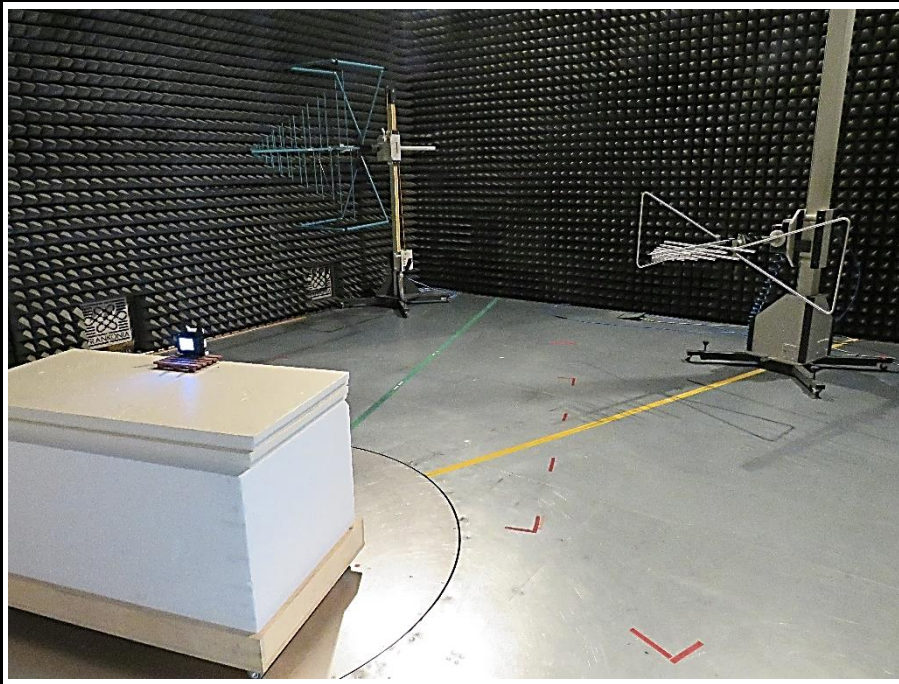
Test setup below 30 MHz - view 1



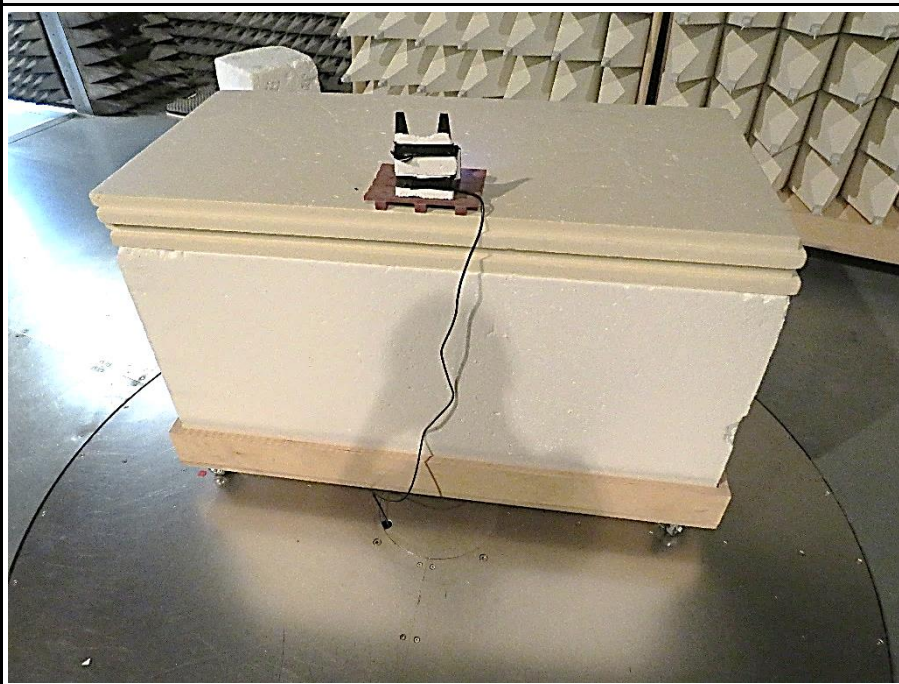
Test setup below 30 MHz - view 2



Test setup above 30 MHz - view 1



Test setup above 30 MHz - view 2



1.4 Support Equipment

Product Type	Device	Manufacturer	Model	Comment
None				
Description:				
AE	Auxiliary Equipment			
SIM	Simulator			
CBL	Connecting Cable			
SFT	Software			
Comment:				

1.5 Test Modes

Mode	Description
Transmit	Mode = Transmit Modulation = ASK Duty cycle = 100 %
Comment: The receiver is permanent co-located with transmitter	

1.6 Test Frequencies

Designator	Mode	Channel	Frequency [MHz]
F1	Tx / Rx	0	13.56

1.7 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 dB μ V. 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:

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

Net:

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

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.

Field strength limit:

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

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

Example only for radiated field strength:

Reading + AF	= Net Reading	:	Net reading	- Field strength limit	= Margin
+21.5 dB μ V	+ 26 dB/m	:	47.5 dB μ V/m	- 57.0 dB μ V/m	= -9.5

2 Result Summary

FCC 47 CFR Part 15C, ISED RSS-210				
Product Standard Reference	Requirement	Reference Method	Result	Remarks
ISED RSS-210 5 ISED RSS-Gen 6.7	Occupied Bandwidth	ANSI C63.10-2013	N/R	Informational only
FCC 15.225(a-c) ISED RSS-210 B.6(a)	Fundamental in-band field strength emissions	ANSI C63.10-2013	PASS	
FCC 15.225(d) FCC 15.209 ISED RSS-210 B.6(a)	Emission radiated outside the specified frequency band	ANSI C63.10-2013	PASS	
FCC 15.225(e) ISED RSS-210 B.6	Frequency stability	ANSI C63.10-2013	PASS	
ISED RSS-210 5 ISED RSS-Gen 7.3	Receiver radiated spurious emissions	ANSI C63.10-2013	N/A	Permanently co-located transmitter
47 CFR 15.207 ISED RSS-210 5 RSS-Gen 7.2	AC power line conducted emissions	ANSI C63.10-2013	N/R	Vehicular use
Comment: The Decision Rule is applied on the basis of ETSI TR 102 273 and ETSI TR 100 028. These standards provide guidance on how to calculate and apply measurement uncertainty whilst providing maximum uncertainties allowance. In all cases due consideration will be given to ILAC-G8:09/2019. Where a result is considered conditional in respect of its proximity to the limit line, the customer would be made aware of situation so that they can make an informed decision on how to proceed.				

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 - Occupied bandwidth

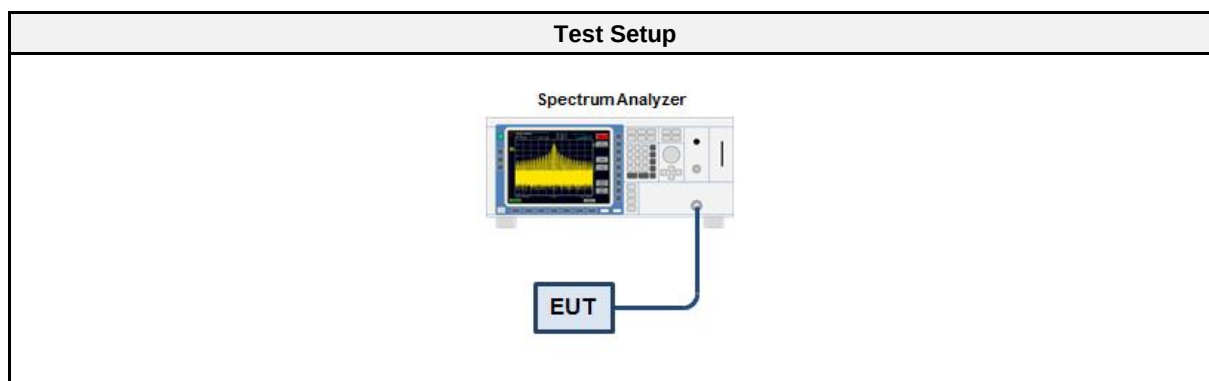
3.1.1 Information

Test Information	
Product Standard Reference	ISED RSS-210 5, ISED RSS-Gen 6.7
Measurement Method	Conducted
Measurement Uncertainty	$\pm 1.26 \%$
Operator	Wilfried Treffke
Date	2023-08-30

3.1.2 Limits

Limits
None (Informational only)

3.1.3 Setup



3.1.4 Equipment

Test Equipment					
Description	Manufacturer	Model	Identifier	Cal. Date	Cal. Due
Spectrum Analyzer	R&S	FSU 26	EF01003	2023-08	2024-08
Cable	Gigalane	SMS111B CAABB	EF00779	2023-03	2024-03

3.1.5 Procedure

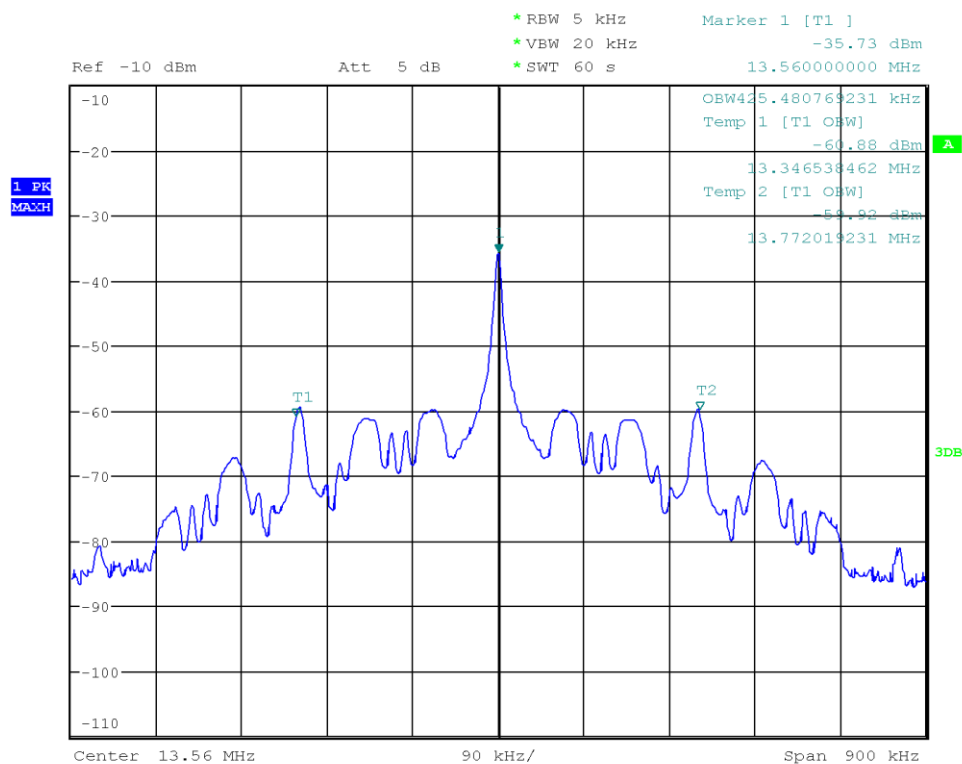
Test Procedure
1. EUT set to test mode (Communication tester is used if needed) 2. Span set to at least twice the emission spectrum 3. Resolution bandwidth set between 1 % to 5 % of OBW 4. Occupied Bandwidth (99 %) measurement with spectrum analyzer built in measurement function

3.1.6 Results

Test Results	
Channel [MHz]	Bandwidth [kHz]
13.56	425

Occupied Bandwidth

Project Number: G0M-2306-2102
 Applicant: Bridgestone Mobility Solutions B.V.
 Model Description: Telematic Accessory with Display + RFID + Bluetooth
 Model: PROI
 Test Sample ID: 44644
 Reference Standards: FCC 15.225, RSS-210
 Reference Method: ANSI C63.10:2013, Section 6.9.3
 Operational Mode: ASK, Channel: 13.56 MHz
 Operating Conditions: Tnom/Vnom
 Operator: Wilfried Treffke
 Test Site: Eurofins Product Service GmbH
 Test Date: 2023-08-30
 Occupied Bandwidth [MHz]: 0.425



Date: 30.AUG.2023 14:10:38

Test Report No.: G0M-2306-2102-TFC225RI-V01

Eurofins Product Service GmbH
 Storkower Str. 38c, D-15526 Reichenwalde, Germany

3.2 Test Conditions and Results - Fundamental in-band field strength emissions

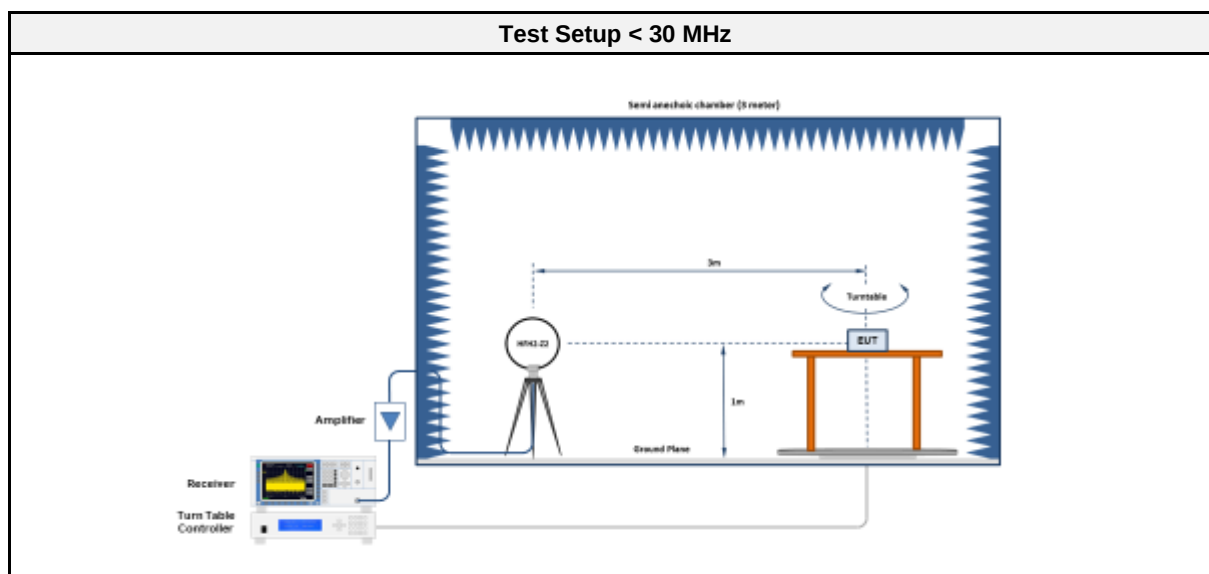
3.2.1 Information

Test Information	
Product Standard Reference	FCC 15.225(a-c) / ISED RSS-210 B.6(a)
Measurement Method	Radiated
Measurement Uncertainty	± 5.95 dB
Operator	Florian Voigt
Date	2023-07-14

3.2.2 Limits

Limits			
Frequency range [MHz]	Limit [$\mu\text{V/m}$]	Limit [dB $\mu\text{V/m}$]	Limit Distance [m]
13.553 - 13.567	15848	84	30
13.410 - 13.553 13.567 - 13.710	334	50.5	30
13.110 - 13.410 13.710 - 14.010	106	40.5	30

3.2.3 Setup



3.2.4 Equipment

Test Software			
Description	Manufacturer	Name	Version
EMC Software	DARE Instruments	RadiMation	2020.1.8

Test Equipment < 30 MHz					
Description	Manufacturer	Model	Identifier	Cal. Date	Cal. Due
Anechoic Chamber	Frankonia	AC1	EF00062	2022-11	2025-11
Loop Antenna	R&S	HFH2-Z2	EF00184	2021-01	2024-01
Measurement Receiver	R&S	N9038A-526/WXP	EF01070	2023-02	2024-02

Test Report No.: G0M-2306-2102-TFC225RI-V01

Eurofins Product Service GmbH
Storkower Str. 38c, D-15526 Reichenwalde, Germany

3.2.5 Procedure

Test Procedure	
1.	EUT set to test mode
2.	Span it set according to measurement range
3.	Resolution bandwidth below 1 GHz is set according to CISPR 16 with peak/quasi-peak detector
4.	Below 30MHz an extrapolation according ANSI 63.10; 6.4.4.2 is used.

3.2.6 Results

Test Results						
Channel [MHz]	Emission [MHz]	FCC 15.225 Measured Level @ 30m [dBμV/m]	RSS-210 Calculated Level @ 30m [dBμV/m]	Detector	Limit @ 30m [dBμV/m]	Verdict
13.56	13.56	32.9	14.3	PK	84	PASS

3.3 Test Conditions and Results - Emissions radiated outside the specified frequency band

3.3.1 Information

Test Information	
Product Standard Reference	FCC 15.225(d) / ISSED RSS-210 B.6(a)
Measurement Method	Radiated
Measurement Uncertainty	± 5.95 dB
Operator	Florian Voigt
Date	2023-07-15

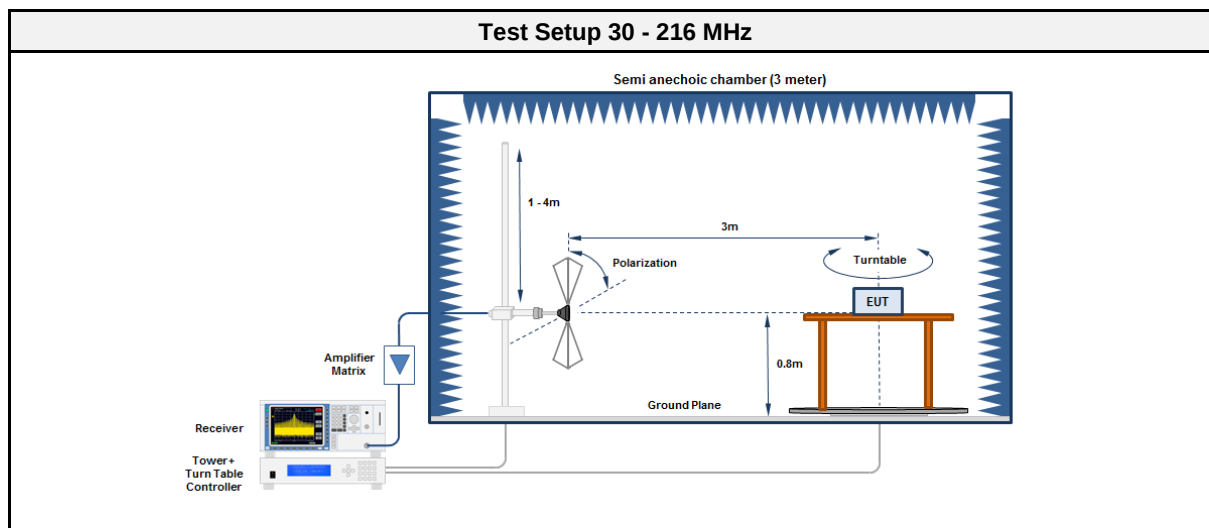
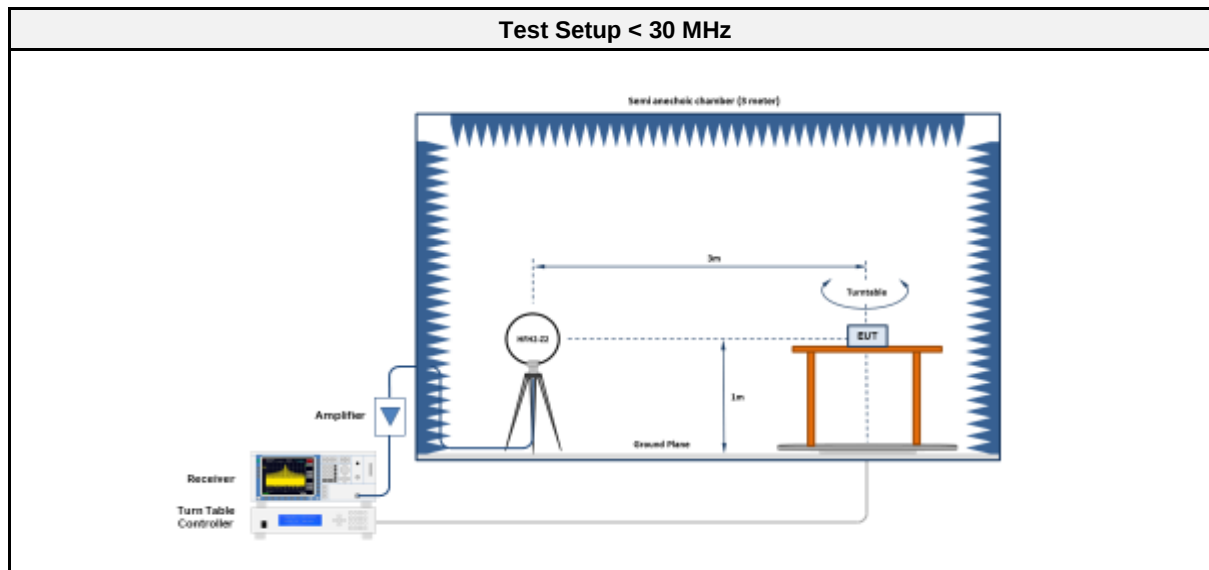
3.3.2 Limits

Limits blow 30 MHz according to 47 CFR Part 15.225				
Frequency range [MHz]	Detector	Limit [$\mu\text{V}/\text{m}$]	Limit [$\text{dB}\mu\text{V}/\text{m}$]	Limit Distance [m]
0.009 - 0.090	Average	2400/F[kHz]	48.5 to 28.5	300
0.090 - 0.110	Quasi-Peak	2400/F[kHz]	28.5 to 26.8	300
0.110 - 0.490	Average	2400/F[kHz]	26.8 to 13.8	300
0.490 - 1.705	Quasi-Peak	24000/F[kHz]	33.8 to 23.0	30
1.705 - 30	Quasi-Peak	30	29.5	30

Limits blow 30 MHz according to RSS-Gen				
Frequency range [MHz]	Detector	Limit [$\mu\text{A}/\text{m}$]	Limit [$\text{dB}\mu\text{A}/\text{m}$]	Limit Distance [m]
0.009 - 0.090	Average	6.37/F[kHz]	-3.0 to -23.0	300
0.090 - 0.110	Quasi-Peak	6.37/F[kHz]	-23.0 to -24.7	300
0.110 - 0.490	Average	6.37/F[kHz]	-24.7 to -37.7	300
0.490 - 1.705	Quasi-Peak	63.7/F[kHz]	-17.7 to -28.6	30
1.705 - 30	Quasi-Peak	0.08	-21.9	30

Limits above 30 MHz				
Frequency range [MHz]	Detector	Limit [$\mu\text{V}/\text{m}$]	Limit [$\text{dB}\mu\text{V}/\text{m}$]	Limit Distance [m]
30 - 88	Quasi-Peak	100	40	3
88 - 216	Quasi-Peak	150	43.5	3

3.3.3 Setup



3.3.4 Equipment

Test Software			
Description	Manufacturer	Name	Version
EMC Software	DARE Instruments	RadiMation	2020.1.8

Test Equipment < 30 MHz					
Description	Manufacturer	Model	Identifier	Cal. Date	Cal. Due
Anechoic Chamber	Frankonia	AC1	EF00062	2022-11	2025-11
Loop Antenna	R&S	HFH2-Z2	EF00184	2021-01	2024-01
Measurement Receiver	R&S	N9038A-526/WXP	EF01070	2023-02	2024-02

Test Equipment 30 - 216 MHz					
Description	Manufacturer	Model	Identifier	Cal. Date	Cal. Due
Anechoic Chamber	Frankonia	AC1	EF00062	2022-11	2025-11
Measurement Receiver	R&S	N9038A-526/WXP	EF01070	2023-02	2024-02
Antenna	Schwarzbeck	VULB 9168	EF01824	2022-10	2023-10

3.3.5 Procedure

Test Procedure
1. EUT set to test mode 2. Span it set according to measurement range 3. Resolution bandwidth below 1 GHz is set according to CISPR 16 with peak/quasi-peak detector and RBW of 1 MHz with peak/average detector is used above 1 GHz 4. Below 30MHz an extrapolation according ANSI 63.10; 6.4.4.2 is used. 5. Markers are set to maximum emission levels

3.3.6 Results

Test Results below 30 MHz according to 47 CFR Part 15.225						
Channel [MHz]	Emission [MHz]	Level [dBμV/m]	Detector	Polarization	Limit [dBμV/m]	Margin [dB]
13.56	Emission level corresponds to ambient noise floor					

Test Results below 30 MHz according to RSS-Gen					
Channel [MHz]	Emission [MHz]	Level [dBμA/m]	Detector	Limit [dBμA/m]	Margin [dB]
13.56	Emission level corresponds to ambient noise floor				

Test Results above 30 MHz					
Channel [MHz]	Emission [MHz]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]
13.56	40.678	28.70	qpk	40.00	-11.30

3.4 Test Conditions and Results - Frequency stability

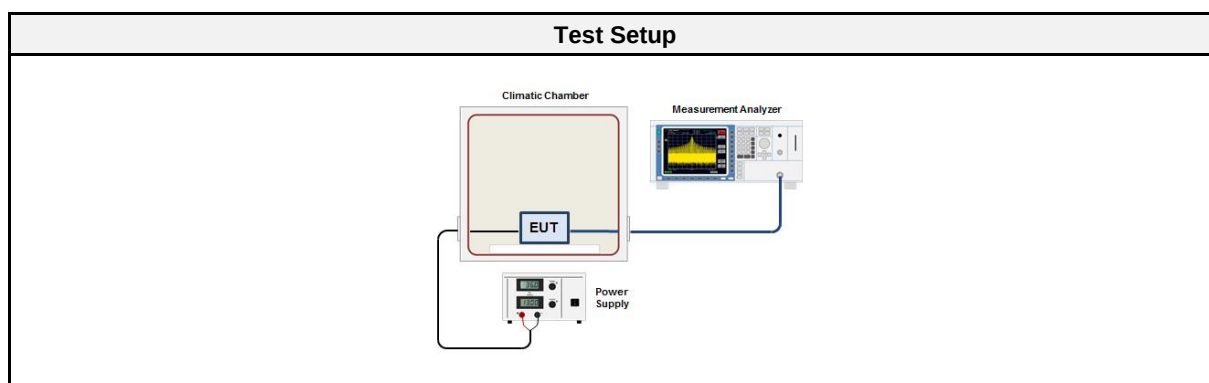
3.4.1 Information

Test Information	
Product Standard Reference	FCC 15.225(e) / ISED RSS-210 B.6(b)
Measurement Method	Conducted
Measurement Uncertainty	± 0.66 PPM
Operator	Wilfried Treffke
Date	2023-08-30

3.4.2 Limits

Limits
Frequency error limit
$\pm 0.01\%$ (± 100 ppm)

3.4.3 Setup



3.4.4 Equipment

Test Equipment					
Description	Manufacturer	Model	Identifier	Cal. Date	Cal. Due
Spectrum Analyzer	R&S	FSU 26	EF01003	2023-08	2024-08
Climatic chamber	Weiss Technik GmbH - ehemals Vötsch	VT 4004	EF00603	CBU	CBU
Digital multimeter	Agilent Technologies	34410A	EF00756	2021-08	2023-08
Temperature probes	Testo	HZ887	EF01482	2022-11	2023-11

3.4.5 Procedure

Test Procedure
1. EUT set to test mode 2. The ambient temperature and supply voltage is set according to measurement conditions 3. Span is set to capture fundamental emission 4. Frequency error is measured with frequency counter measurement function

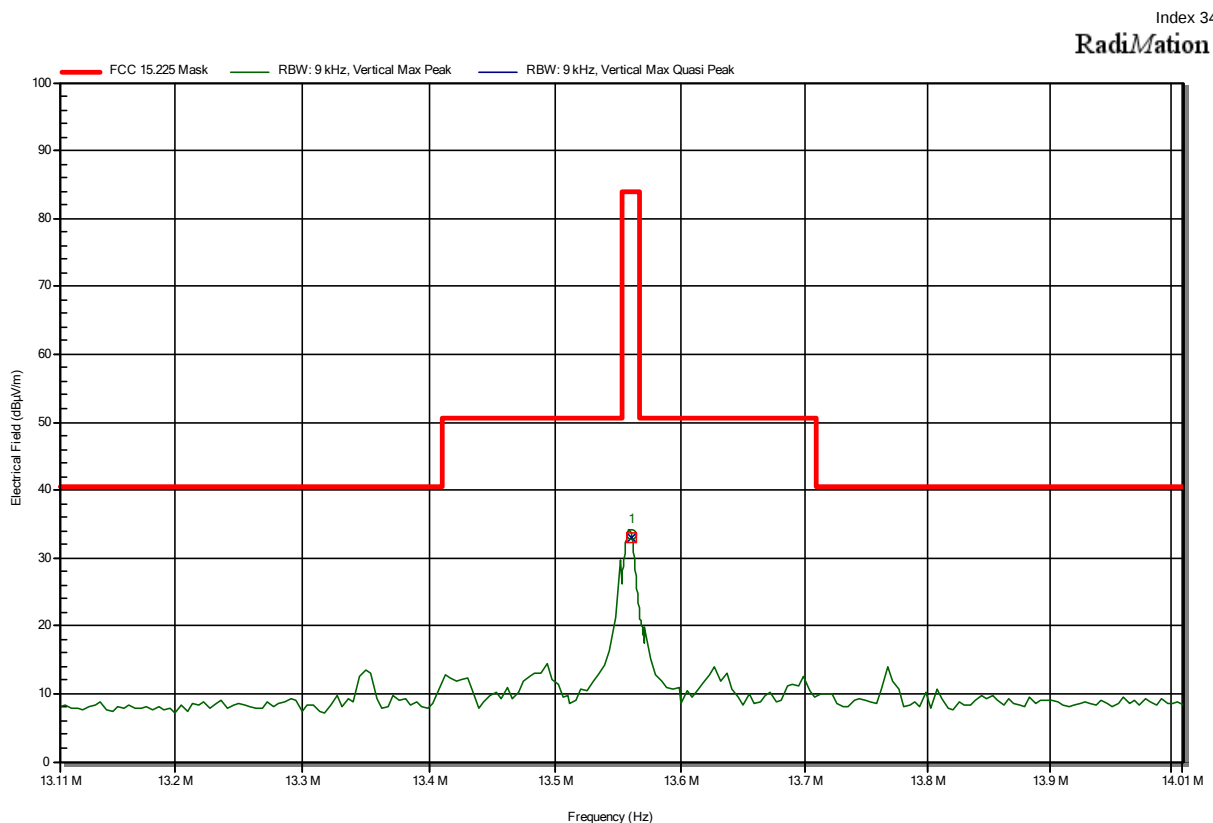
3.4.6 Results

Test Results - Variation of ambient temperature					
Nominal Frequency [MHz]	Voltage [V]	Temperature [°C]	Time after activation [min]	Frequency [MHz]	Deviation [ppm]
13.56	12	50	0	13.559971	-2.17
13.56	12	50	2	13.559963	-2.74
13.56	12	50	5	13.559967	-2.45
13.56	12	50	10	13.559971	-2.17
13.56	12	40	0	13.559995	-0.39
13.56	12	40	2	13.559966	-2.49
13.56	12	40	5	13.559964	-2.62
13.56	12	40	10	13.559964	-2.69
13.56	12	30	0	13.559964	-2.69
13.56	12	30	2	13.559984	-1.20
13.56	12	30	5	13.559979	-1.58
13.56	12	30	10	13.559975	-1.81
13.56	12	20	0	13.559975	-1.81
13.56	12	20	2	13.560002	0.16
13.56	12	20	5	13.559999	-0.04
13.56	12	20	10	13.559998	-0.13
13.56	10.2	20	0	13.559998	-0.13
13.56	10.2	20	2	13.559998	-0.13
13.56	10.2	20	5	13.559998	-0.13
13.56	10.2	20	10	13.559998	-0.13
13.56	27.6	20	0	13.559998	-0.13
13.56	27.6	20	2	13.559998	-0.13
13.56	27.6	20	5	13.559998	-0.13
13.56	27.6	20	10	13.559998	-0.13
13.56	12	10	0	13.559998	-0.13
13.56	12	10	2	13.560035	2.60
13.56	12	10	5	13.560031	2.29
13.56	12	10	10	13.560028	2.07
13.56	12	0	0	13.560028	2.07
13.56	12	0	2	13.560060	4.42
13.56	12	0	5	13.560056	4.16
13.56	12	0	10	13.560054	3.98
13.56	12	-10	0	13.560054	3.98
13.56	12	-10	2	13.560070	5.17
13.56	12	-10	5	13.560069	5.12
13.56	12	-10	10	13.560069	5.08
13.56	12	-20	0	13.560069	5.08
13.56	12	-20	2	13.560055	4.05
13.56	12	-20	5	13.560063	4.64
13.56	12	-20	10	13.560066	4.88
Comment	Limit check: Pass				

ANNEX A Transmitter in band emission

Radiated carrier according to 47 CFR § 15.225

Project Number: G0M-2306-2102
 Applicant: Bridgestone Mobility Solutions B.V.
 Model Description: Telematic Accessory with Display + RFID + Bluetooth
 Model: PROI
 Test Sample ID: 44644 (SN: 00213E8059F6)
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Voigt
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 24 °Celsius, Vnom: 12 V DC (24 V DC)
 Antenna: Rohde & Schwarz HFH 2-Z2
 Measurement distance: 3 m, converted to 30 m
 Mode: Tx; RFID, 13.56 MHz, CW
 Test Date: 2023-07-14



Frequency 13.56 MHz	Quasi-Peak 32.9 dBµV/m	Quasi-Peak Limit 84 dBµV/m	Quasi-Peak Difference -51.07 dB	Quasi-Peak Status Pass
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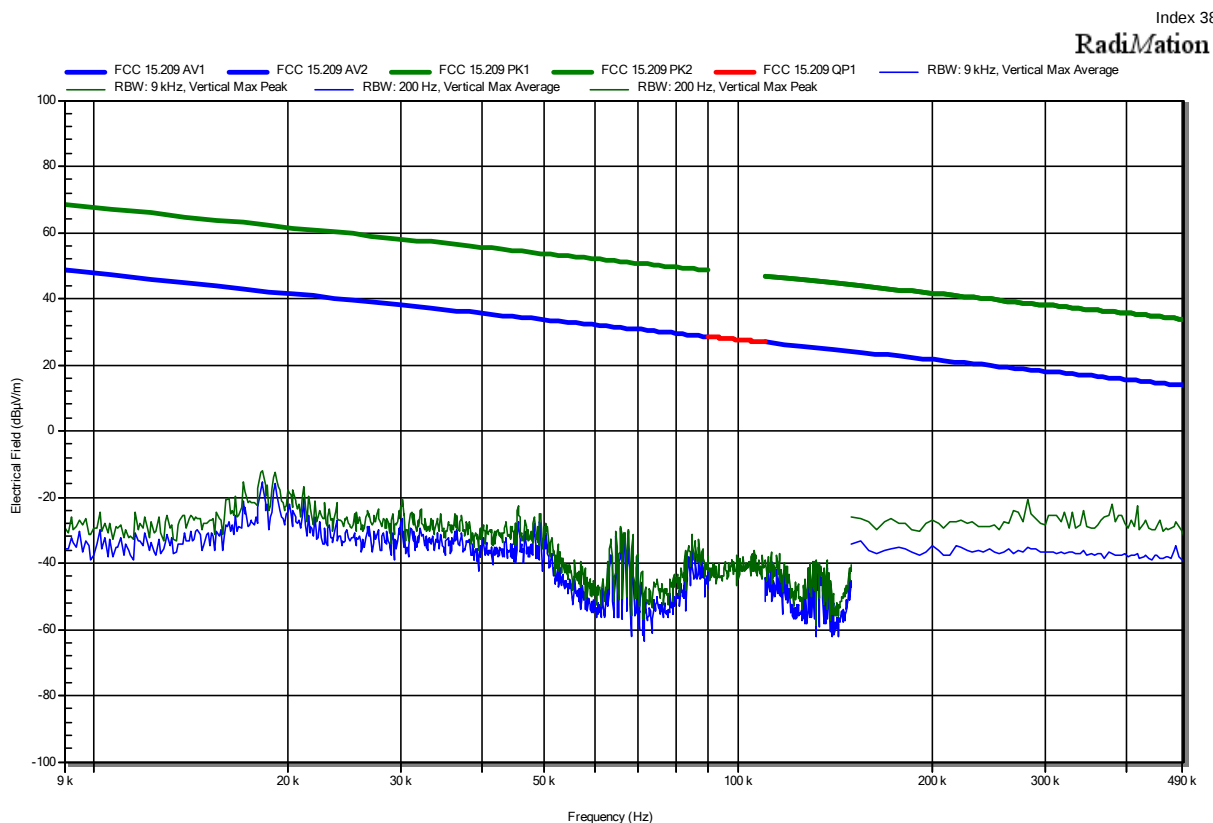
Test Report No.: G0M-2306-2102-TFC225RI-V01

Eurofins Product Service GmbH
 Storkower Str. 38c, D-15526 Reichenwalde, Germany

ANNEX B Transmitter radiated spurious emissions - FCC15.225

Radiated Spurious Emissions according to 47 CFR § 15.225

Project Number: G0M-2306-2102
 Applicant: Bridgestone Mobility Solutions B.V.
 Model Description: Telematic Accessory with Display + RFID + Bluetooth
 Model: PROI
 Test Sample ID: 44644 (SN: 00213E8059F6)
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Voigt
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 24 °Celsius, Vnom: 12 V DC (24 V DC)
 Antenna: Rohde & Schwarz HFH 2-Z2
 Measurement distance: 3 m, converted to 300 m
 Mode: Tx; RFID 13.56 MHz, CW
 Test Date: 2023-07-15
 Note: Polarization Coaxial

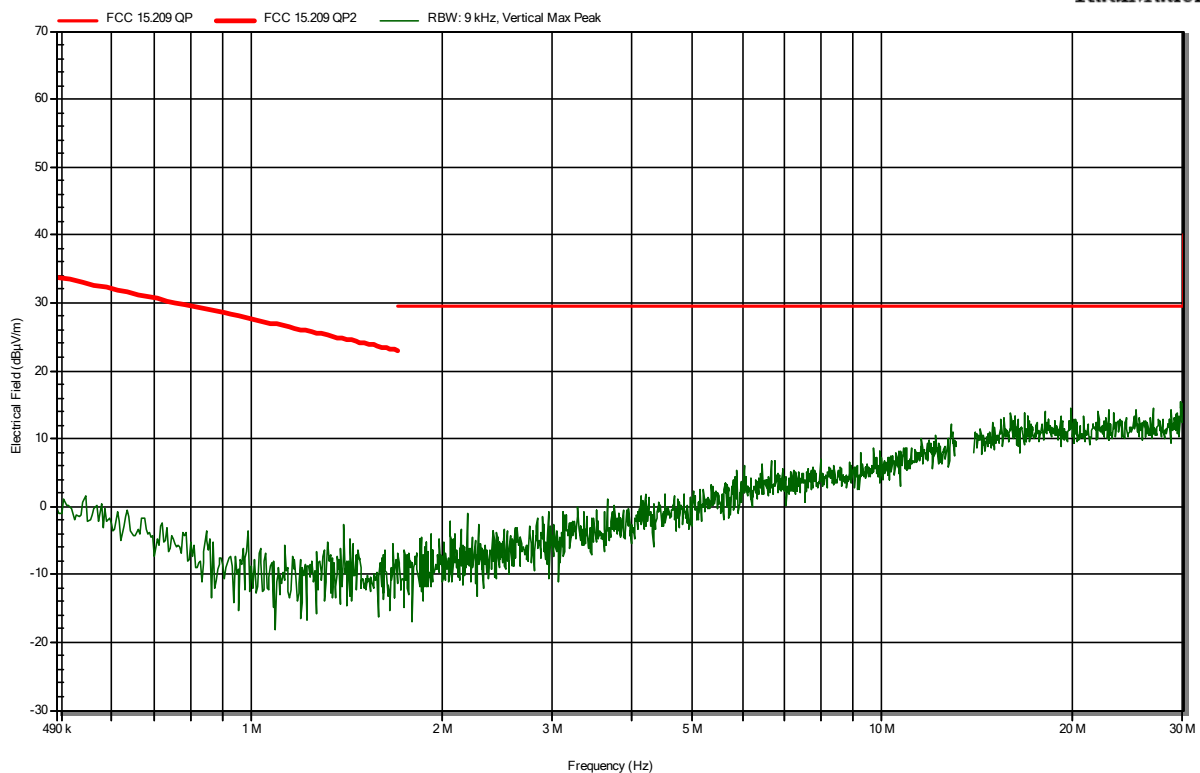


Radiated Spurious Emissions according to 47 CFR § 15.225

Project Number: G0M-2306-2102
 Applicant: Bridgestone Mobility Solutions B.V.
 Model Description: Telematic Accessory with Display + RFID + Bluetooth
 Model: PROI
 Test Sample ID: 44644 (SN: 00213E8059F6)
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Voigt
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 24 °Celsius, Vnom: 12 V DC (24 V DC)
 Antenna: Rohde & Schwarz HFH 2-Z2
 Measurement distance: 3 m, converted to 30 m
 Mode: Tx; RFID 13.56 MHz, CW
 Test Date: 2023-07-15
 Note: Polarization coaxial

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RadiMation

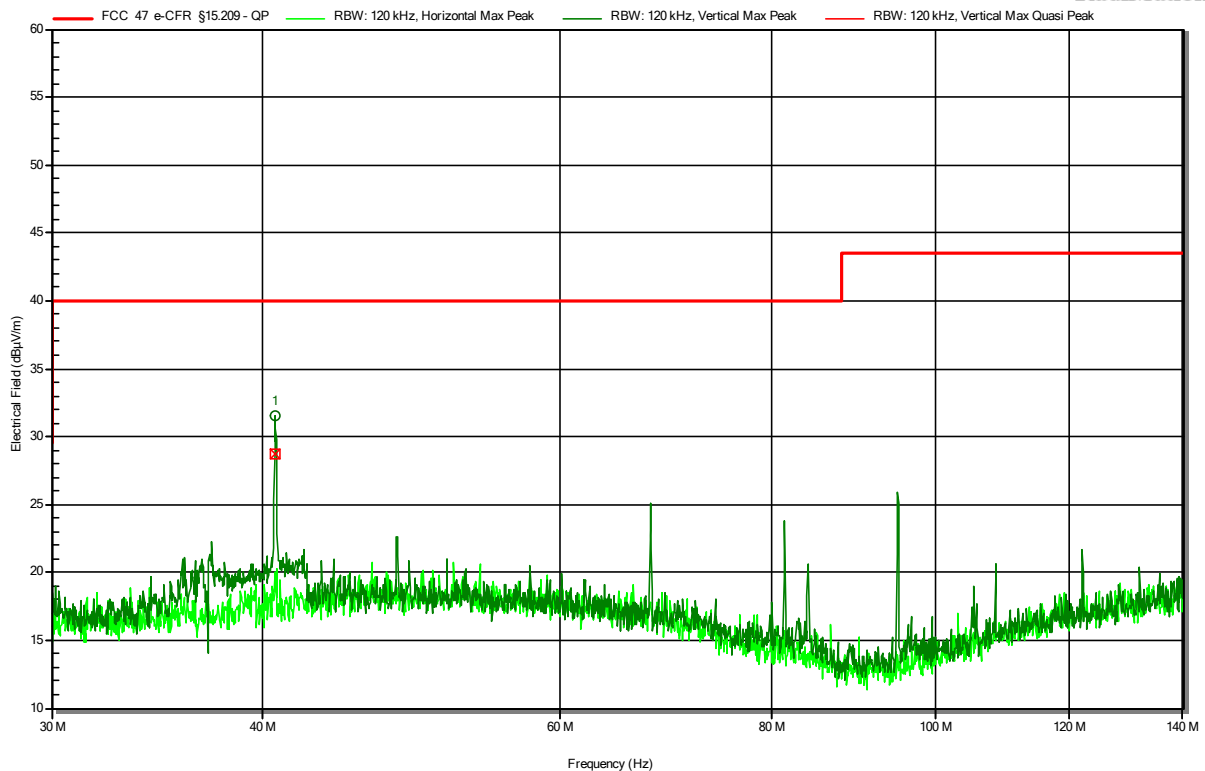


Radiated Spurious Emissions according to 47 CFR § 15.225

Project Number: G0M-2306-2102
 Applicant: Bridgestone Mobility Solutions B.V.
 Model Description: Telematic Accessory with Display + RFID + Bluetooth
 Model: PROI
 Test Sample ID: 44644 (SN: 00213E8059F6)
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Voigt
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 24 °Celsius, Vnom: 12 V DC (24 V DC)
 Antenna: Schwarzbeck VULB 9168
 Measurement distance: 3 m
 Mode: Tx; RFID 13.56 MHz, CW
 Test Date: 2023-07-14
 Note:

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RadiMation

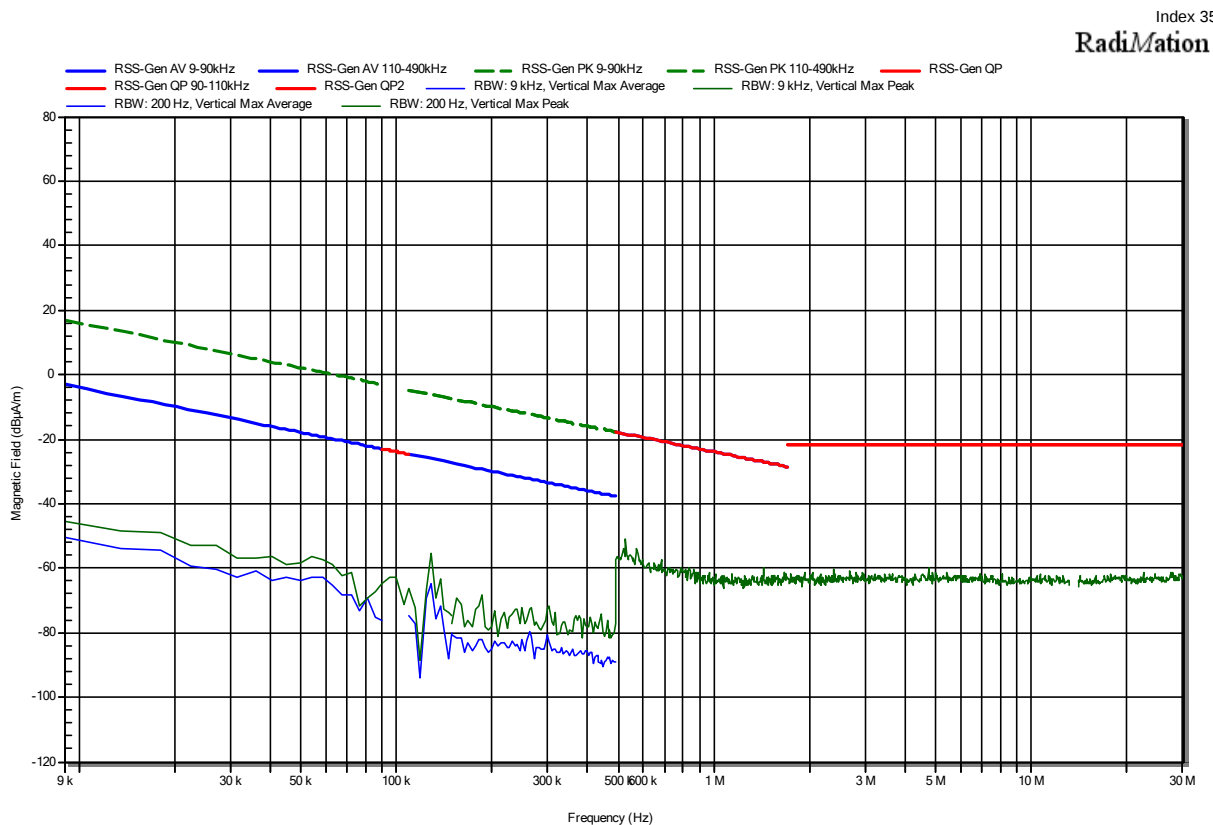


Frequency	Quasi-Peak	Quasi-Peak Limit	Quasi-Peak Difference	Quasi-Peak Status	Polarization
40.678 MHz	28.7 dBμV/m	40 dBμV/m	-11.3 dB	Pass	Vertical

ANNEX C Transmitter radiated spurious emissions - RSS-210

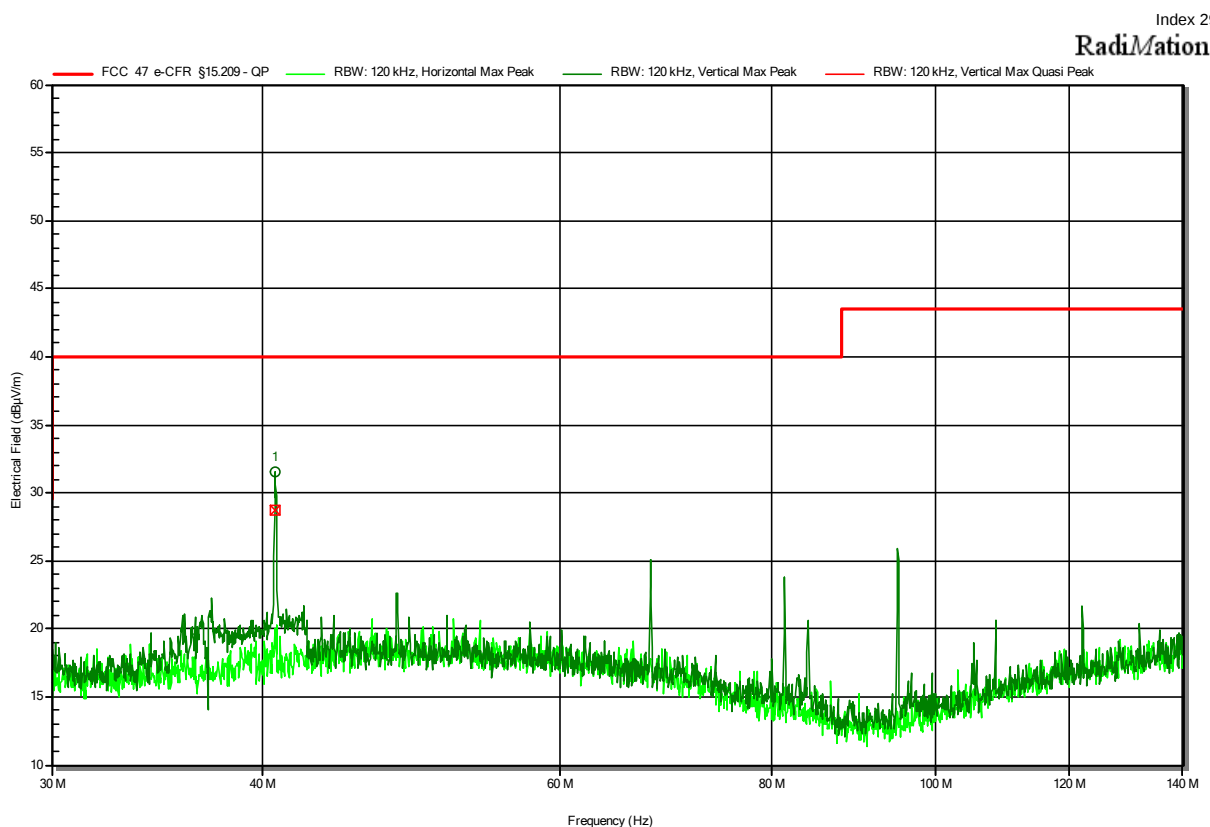
Radiated Spurious Emissions according to RSS-210 Issue 10

Project Number: G0M-2306-2102
 Applicant: Bridgestone Mobility Solutions B.V.
 Model Description: Telematic Accessory with Display + RFID + Bluetooth
 Model: PROI
 Test Sample ID: 44644 (SN: 00213E8059F6)
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Voigt
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 24 °Celsius, Vnom: 12 V DC (24 V DC)
 Antenna: Rohde & Schwarz HFH 2-Z2, Vertical
 Measurement distance: 3 m
 Mode: Tx; RFID, 13.56 MHz, ASK
 Test Date: 2023-07-14
 Note:



Radiated Spurious Emissions according to RSS-210 Issue 10

Project Number: G0M-2306-2102
 Applicant: Bridgestone Mobility Solutions B.V.
 Model Description: Telematic Accessory with Display + RFID + Bluetooth
 Model: PROI
 Test Sample ID: 44644 (SN: 00213E8059F6)
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Voigt
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 24 °Celsius, Vnom: 12 V DC (24 V DC)
 Antenna: Schwarzbeck VULB 9168, Vertical
 Measurement distance: 3 m
 Mode: Tx; RFID 13.56 MHz, ASK
 Test Date: 2023-07-14



Frequency 40.678 MHz	Peak 31.52 dBµV/m	Peak Limit 40 dBµV/m	Peak Difference -8.48 dB	Peak Status Pass
Frequency 40.678 MHz	Quasi-Peak 28.7 dBµV/m	Quasi-Peak Limit 40 dBµV/m	Quasi-Peak Difference -11.3 dB	Quasi-Peak Status Pass

== END OF TEST REPORT ==

Test Report No.: G0M-2306-2102-TFC225RI-V01

Eurofins Product Service GmbH
 Storkower Str. 38c, D-15526 Reichenwalde, Germany