

RADIO REPORT FCC 47 CFR Part 90I	
Report Reference No	G0M-2505-3069-TFC090PMR02-V01
Testing Laboratory	Eurofins Product Service GmbH
Address	Storkower Str. 38c 15526 Reichenwalde Germany
Accreditation	  DAkkS - Registration number : D-PL-12092-01-00 FCC Filed Test Laboratory, Reg.-No.: 96970
Applicant	Schweizer Electronic AG
Address	Industriestrasse 3 6260 Reiden Switzerland
Test Specification	47 CFR Part 90 Subpart I
Non-Standard Test Method	None
Equipment under Test (EUT):	
Product Description	Manual Switch Radio
Model(s)	HSF-L
Brand Name(s)	Minimel Lynx
Hardware Version(s)	KOP 10.0321.4303.A1N SSR 10.0321.4306.A1Q
Software Version(s)	SW HSF-L SSR, 001.002.018 (CRC: 0xB4) SW HSF-L KP: DE/FR/IT, 001.006.002 (Sprache Set 1) SW HSF-L Param: 0x0129, V01.00 (CRC: 0xA772)
FCC-ID	2AQQU-EZG0201H
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	See test sample identification table on page 6	
Report:		
Compiled by	Md Abu Bakar Siddique	
Tested by (+ signature) (Responsible for Test)	Md Abu Bakar Siddique	 Digitally signed by Md Abu Bakar Siddique Date: 2025.10.14 17:54:59 +02'00'
Approved by (+ signature) (Senior Radio Expert)	Radwan Jaafar	 Digitally signed by Radwan Jafaar Date: 2025.10.14 15:42:40 +02'00'
Date of Issue	2025-10-14	
Total number of pages	30	
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:		
This test report presents results of a spot-check measurements of an additional model based on worst-case results evaluation of the main model "EZE-L", referred to the test report "G0M-2505-3069-TFC090PMR01-V01" issued by Eurofins Product Service GmbH on 2025-10-14		

VERSION HISTORY

Version History			
Version	Issue Date	Remarks	Revised By
01	2025-10-14	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
V _{MIN}	Miminal supply voltage
V _{MAX}	Maximal supply voltage
T _{NOM}	Nominal temperature
T _{MIN}	Miminal temperature
T _{MAX}	Maximal temperature
N/A	Not Applicable

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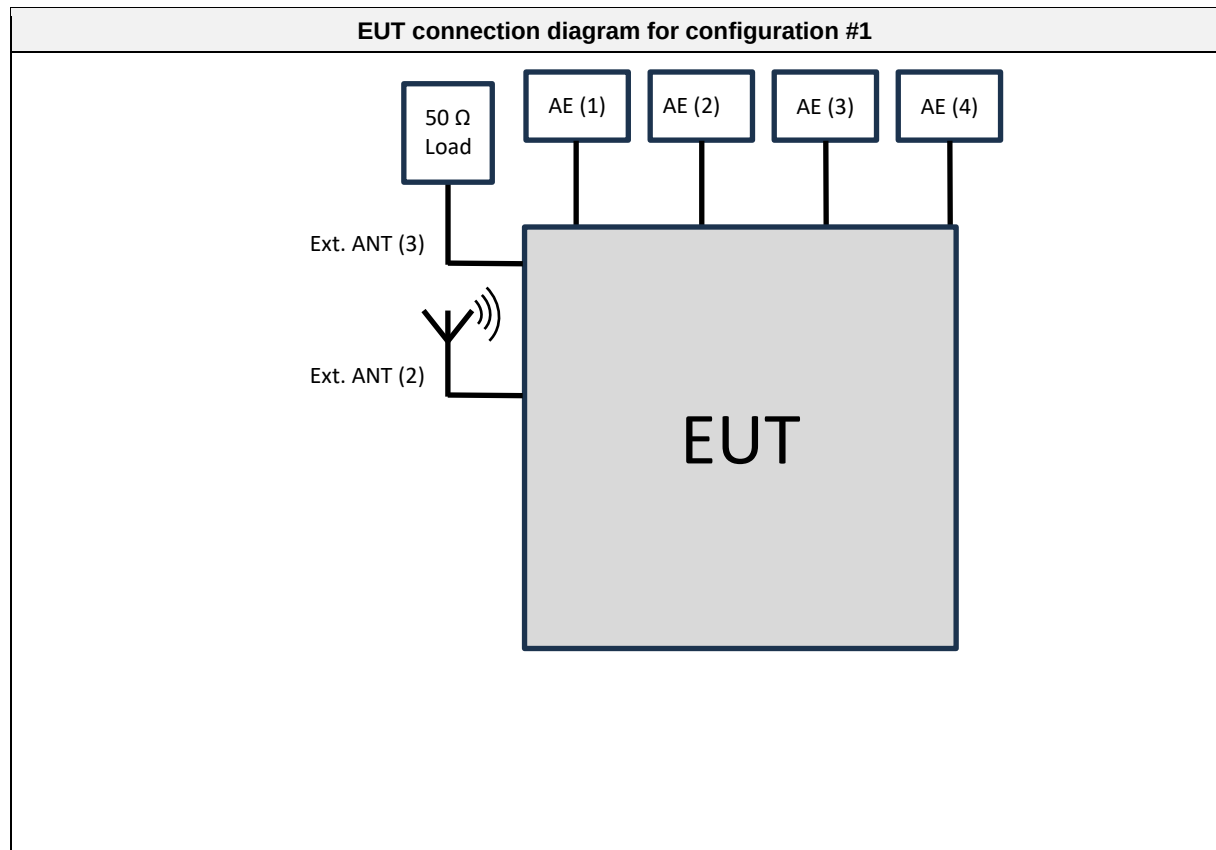
1 Equipment (Test Item) Under Test

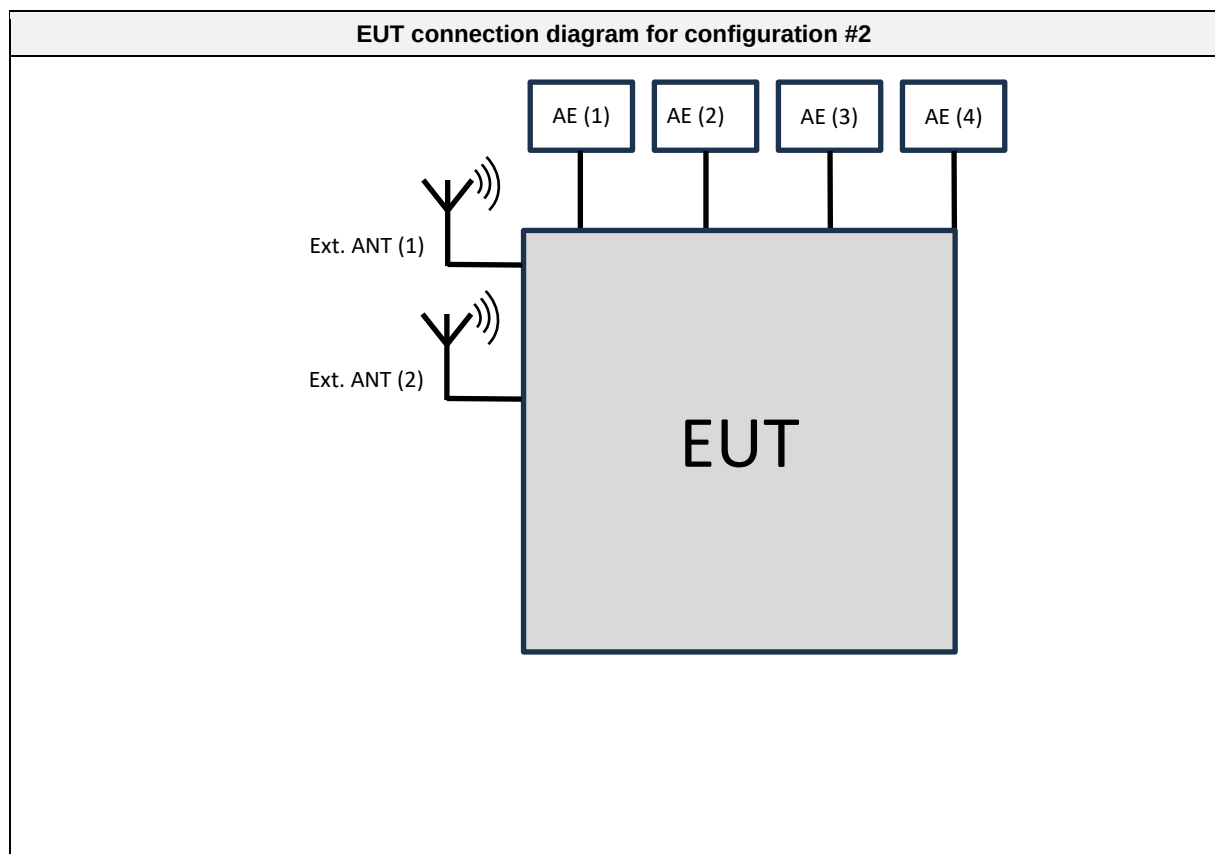
Description	Manual Switch Radio			
Model	HSF-L			
Brand Name(s)	Minimel Lynx			
Sample Identification	EUT #	Sample-ID	Serial Number	Date of receipt
	EUT 1	51619	EZG0201H/A0002/049/01769	2025-07-30
Hardware Version(s)	KOP 10.0321.4303.A1N SSR 10.0321.4306.A1Q			
Software Version(s)	SW HSF-L SSR, 001.002.018 (CRC: 0xB4) SW HSF-L KP: DE/FR/IT, 001.006.002 (Sprache Set 1) SW HSF-L Param: 0x0129, V01.00 (CRC: 0xA772)			
FCC-ID	2AQQU-EZG0201H			
Equipment type	End Product			
Radio type	Transceiver			
Radio technologies	PMR			
Assigned frequency band(s)	406.1 - 430 MHz 450 - 470 MHz			
Operating frequency range	406.10625 - 429.99375 MHz 450.00625 - 469.99375 MHz			
Channels lower band	Low: 406.1125 MHz Mid: 418.0500 MHz High: 429.9875 MHz			
Channels upper band	Low: 450.0125 MHz Mid: 460.0000 MHz High: 469.9875 MHz			
Modulation(s)	2-FSK			
Emission designator	F1D			
Channel bandwidth	12.5 kHz			
Authorized bandwidth	11.25 kHz			
Channel spacing	12.5 kHz			
Number of antenna ports	1			
Antenna 1	Type	external, rod antenna		
	Model	K 71 53 21 6 406-430 MHz		
	Manufacturer	Kathrein		
	Gain	0 dBd (datasheet information)		
Antenna 2	Type	external, rod antenna		
	Model	K 71 53 23 6 440-470 MHz		
	Manufacturer	Kathrein		
	Gain	0 dBd (datasheet information)		

Supply Voltage (Battery)	V _{NOM}	7.4 V DC
	V _{MIN}	6.6 V DC
Battery	Type	Li-ionen
	Manufacturer	SEAG
	Model	A03071
	Chargeable in EUT	No
Operating Temperature	T _{NOM}	20 °C
	T _{MIN}	-20 °C
	T _{MAX}	55 °C
Dedicated AC/DC-Adaptor	None	
Manufacturer	Schweizer Electronic AG Industriestrasse 3 6260, Reiden Switzerland	

1.1 EUT Configuration and Support Equipment

Configuration #	Description
1	EUT is powered by internal battery, I/O ports are connected to ancillary equipment. GNSS antenna is connected to antenna port. PMR radio antenna port is connected to artificial 50 Ohm load.
2	EUT is powered by internal battery, I/O ports are connected to ancillary equipment but are inactive. GNSS antenna is connected to antenna port. PMR radio antenna port is connected to its intended antenna (See listing below).





Designator	Configurations	Type	Device	Manufacturer	Model	Serial Number	Connecting cable
Ext. Ant (3)	1	AE	Port termination	--	10 W Dummy Load	--	N/A
Ext. Ant (1)	2	DE	PMR Antennas	Note 1	Note 1	Note 1	Teleskop- auszug A00813
Ext. Ant (2)	1, 2	AE	GNSS Modul	SEAG	A01838	00119	8 Pin, Shielded, 1.5 m
AE (1)	1, 2	AE	Earphone	SEAG	A0007	--	Non- Shielded, 2-wire, 1 m
AE (2)	1, 2	AE	Earphone	SEAG	A0007	--	Non- Shielded, 2-wire, 1 m
AE (3)	1	AE	Laptop	Lenovo	L470	PF- 0VH4QL	USB, 1.5 m unshielded
AE (4)	1, 2	AE	DKE-Tester	SEAG	Entwick- lung 01	--	3 Pin, 1.5 m
--	1, 2	SFT	Device Control Tool	SEAG	KBSDev_ develop_ uplink_ v2.4.15	N/A	N/A
AE	Auxiliary Equipment						
SIM	Simulator						
SFT	Software						
DE	Dedicated Equipment						
TE	Testing Equipment						
Note 1: See on EUT info page details for equipment							

1.2 Test Modes

Mode	Description
Transmit	Tuned conducted power = 27 dBm Mode = Transmit Modulation = 2-FSK Duty cycle = 29 % Runmode = Normal FSK deviation register value = 70 (for all test frequencies)
Note: The Software "KBSDev_develop_uplink_v2.4.15" provided by applicant is used to configure the test mode.	

1.3 Test Frequencies

Designator	Mode	Frequency [MHz]
F1	Tx / Rx	406.1125
F2	Tx / Rx	418.0500
F3	Tx / Rx	429.9875
F4	Tx / Rx	450.0125
F5	Tx / Rx	460.0000
F6	Tx / Rx	469.9875

1.4 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:

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

Net:

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

Limit:

The following formula is used to convert the units of μ V/m to dB μ V/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 dB μ V	+ 26 dB = 47.5 dB μ V/m	:	47.5 dB μ V/m	- 57.0 dB μ V/m	= -9.5 dB

Radiated power:

$$\text{EIRP (dBm)} = \text{E (dB}\mu\text{V/m)} + 20\log(\text{D}) - 104.8 \quad (\text{D is the measurement distance in m})$$

$$\text{ERP (dBm)} = \text{EIRP (dBm)} - 2.15$$

1.5 Measurement Uncertainties

Test case	Maximum measurement uncertainty
Transmitter radiated emissions	5.7 dB
Receiver spurious emissions	5.3 dB

2 Result Summary

Test Summary				
Product Standard Reference	Requirement	Reference Method	Result	Remarks
FCC 90.205 FCC 2.1046	Power	ANSI C63.26:2015 5.2	N/T	Note 1
FCC 90.209 FCC 90.210 FCC 2.1049	Authorized bandwidth Emission masks Occupied bandwidth	ANSI C63.26:2015 5.4	N/T	Note 1
FCC 90.210 FCC 2.1051	Conducted spurious emissions at antenna terminal	ANSI C63.26:2015 5.7	N/T	Note 1
FCC 90.210 FCC 2.1053	Spurious emissions radiated	ANSI C63.26:2015 5.7	PASS	--
FCC 90.213 FCC 2.1055	Frequency Stability	ANSI C63.26:2015 5.6	N/T	Note 1
FCC 90.214	Transient Frequency behavior	ANSI C63.26:2015 6.5	N/T	Note 1
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. Note 1: Test result available in the fully tested model (main model) test report "G0M-2505-3069-TFC090PMR01-V01" issued by Eurofins Product Service GmbH on 2025-10-14				

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 - Transmitter radiated emissions

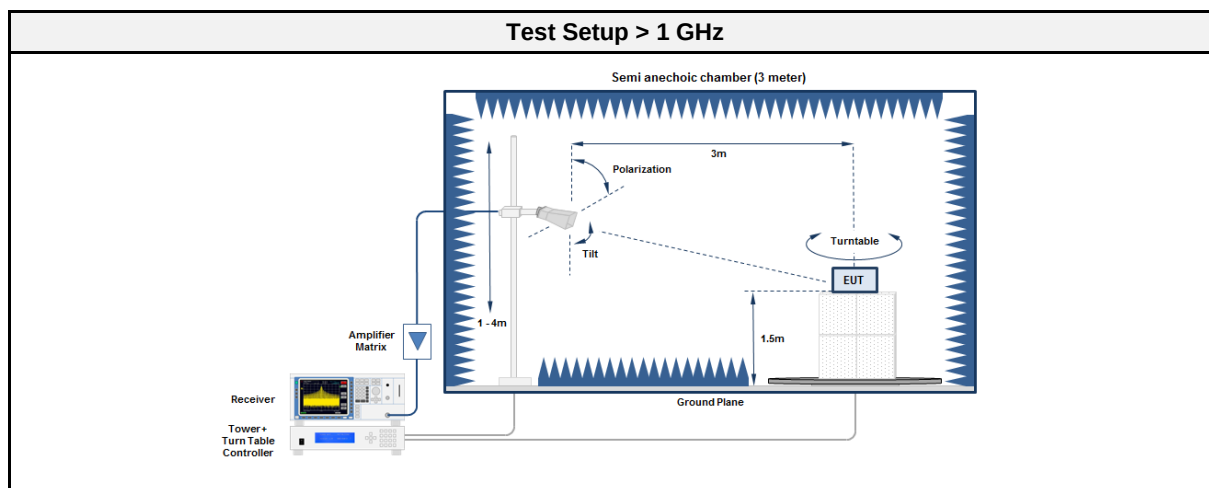
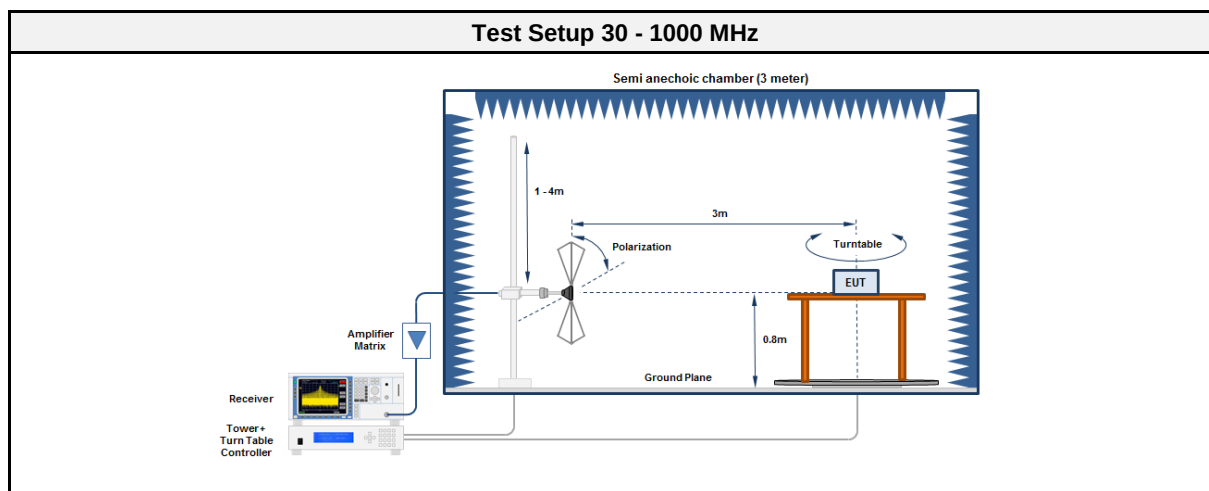
3.1.1 Information

Test Information	
Reference	FCC 90.210 FCC 2.1053
Measurement Method	ANSI C63.26:2015 5.5
Test Method	Radiated
Test Mode	Transmit
EUT Configuration	1
Test Range	30 MHz to 10th Harmonic
Operator	Md Abu Bakar Siddique
Date	2025-09-03

3.1.2 Limits

Limits
406.1 to 421 MHz: -13 dBm 421 to 430, 450 to 470 MHz: -20 dBm

3.1.3 Setup



Test Report No.: G0M-2505-3069-TFC090PMR02-V01

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

3.1.4 Equipment

Test Software			
Description	Manufacturer	Name	Version
EMC Software	DARE Instruments	RadiMation	2024.2.5

Test Equipment 30 - 1000 MHz					
Description	Manufacturer	Model	Identifier	Cal. Date	Cal. Due
Anechoic Chamber (NSA)	Frankonia	AC1	EF00062	2024-07	2027-07
Test Receiver	R&S	ESW44	EF01856	2024-04	2025-10
Trilog Broadband Antenna	Schwarzbeck	VULB 9168	EF01824	2022-10	2025-10

Test Equipment > 1 GHz					
Description	Manufacturer	Model	Identifier	Cal. Date	Cal. Due
Anechoic chamber (SVSWR)	Frankonia	AC 1	EF01011	2024-07	2027-07
Test Receiver	R&S	ESW44	EF01856	2024-04	2025-10
Horn antenna	Schwarzbeck	BBHA 9120D	EF01561	2024-11	2027-11

3.1.5 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	

3.1.6 Results

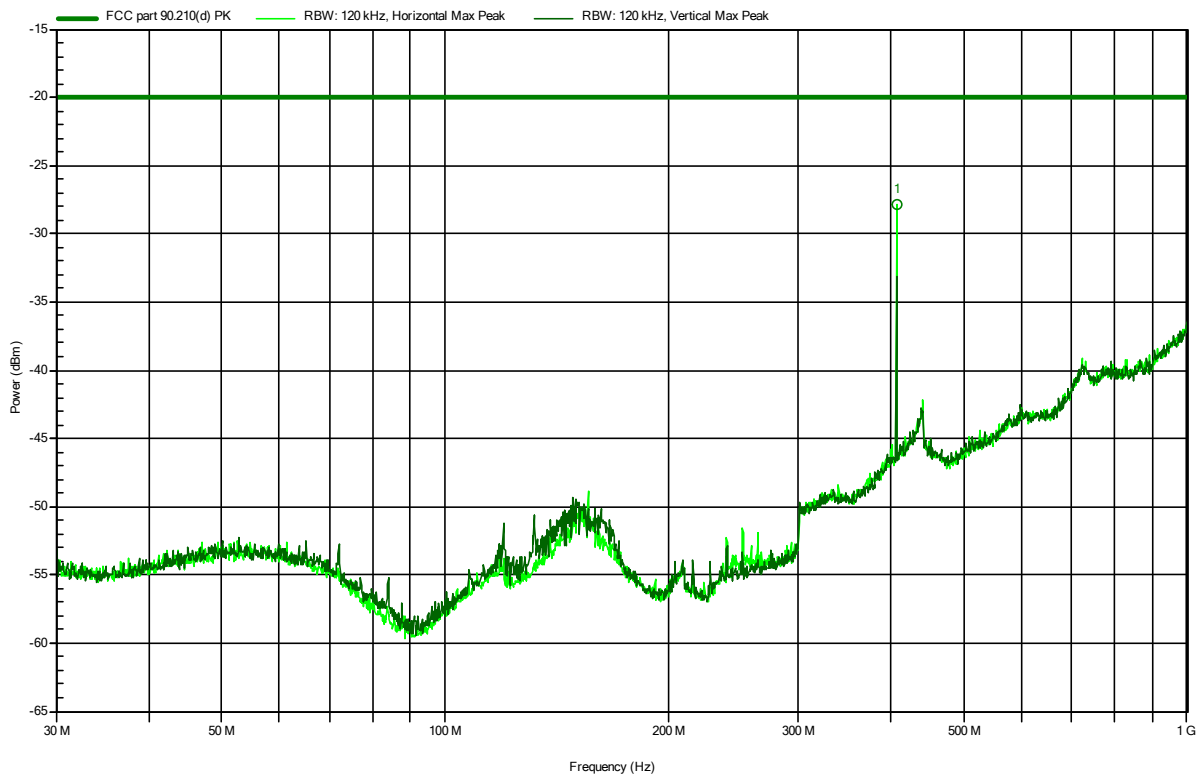
Test Results - HSF-L						
Channel [MHz]	Emission [MHz]	Level [dBm]	Det.	Pol.	Limit [dBm]	Margin [dB]
406.1125	1218.5	-32.1	pk	hor	-20	-12.14
406.1125	1624.5	-38.4	pk	hor	-20	-18.43
406.1125	2843	-31.9	pk	hor	-20	-11.94
418.0500	1254	-33.7	pk	hor	-20	-13.74
418.0500	1672	-38.7	pk	hor	-20	-18.71
418.0500	2926.5	-31	pk	hor	-20	-11.02
429.9875	1290	-37.7	pk	hor	-20	-17.72
429.9875	4491.5	-32.9	pk	ver	-20	-12.87
450.0125	3495.5	-36.2	pk	hor	-20	-16.17
450.0125	4898	-34.8	pk	hor	-20	-14.79
460.0000	3043.5	-35.4	pk	hor	-20	-15.38
460.0000	4600	-33.5	pk	hor	-20	-13.49
469.9875	2820	-35.5	pk	hor	-20	-15.47
469.9875	3043.5	-35.2	pk	hor	-20	-15.19
469.9875	4490	-34.4	pk	hor	-20	-14.42

ANNEX A Transmitter radiated emissions

Radiated Spurious Emissions according to 47 CFR Part 90 Subpart I

Project Number: G0M-2505-3069
 Applicant: Schweizer Electronic AG
 Model Description: Manual Switch Radio
 Model: HSF-L
 Test Sample ID: 51619
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Siddique
 Measurement software: RadiMation, version 2024.2.5
 Test Conditions: Tnom: 25 °Celsius, Vnom: 7.4 V DC
 Antenna: Schwarzbeck VULB 9168
 Measurement distance: 3 m
 Mode: Tx; Transmit, 406.1125 MHz
 Test Date: 2025-09-03
 Note: Marker1 is fundamental

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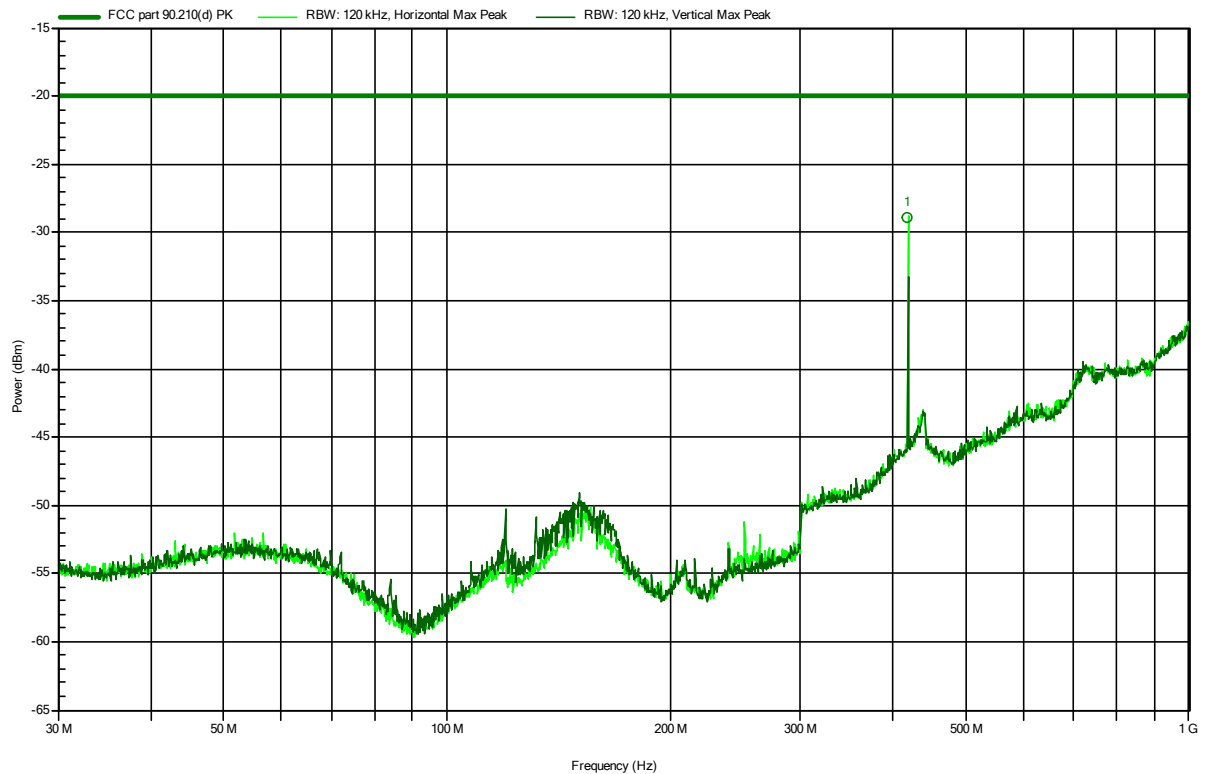


Peak Number	Frequency (MHz)	Peak (dBm)	Peak (dBm)	Limit (dB)	Peak Difference	Peak Status	Polarization
1	406.14	-27.8	--	--	--	Fundamental	Horizontal

Radiated Spurious Emissions according to 47 CFR Part 90 Subpart I

Project Number: G0M-2505-3069
 Applicant: Schweizer Electronic AG
 Model Description: Manual Switch Radio
 Model: HSF-L
 Test Sample ID: 51619
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Siddique
 Measurement software: RadiMation, version 2024.2.5
 Test Conditions: Tnom: 25 °Celsius, Vnom: 7.4 V DC
 Antenna: Schwarzbeck VULB 9168
 Measurement distance: 3 m
 Mode: Tx; Transmit, 418.0500 MHz
 Test Date: 2025-09-03
 Note: Marker1 is fundamental

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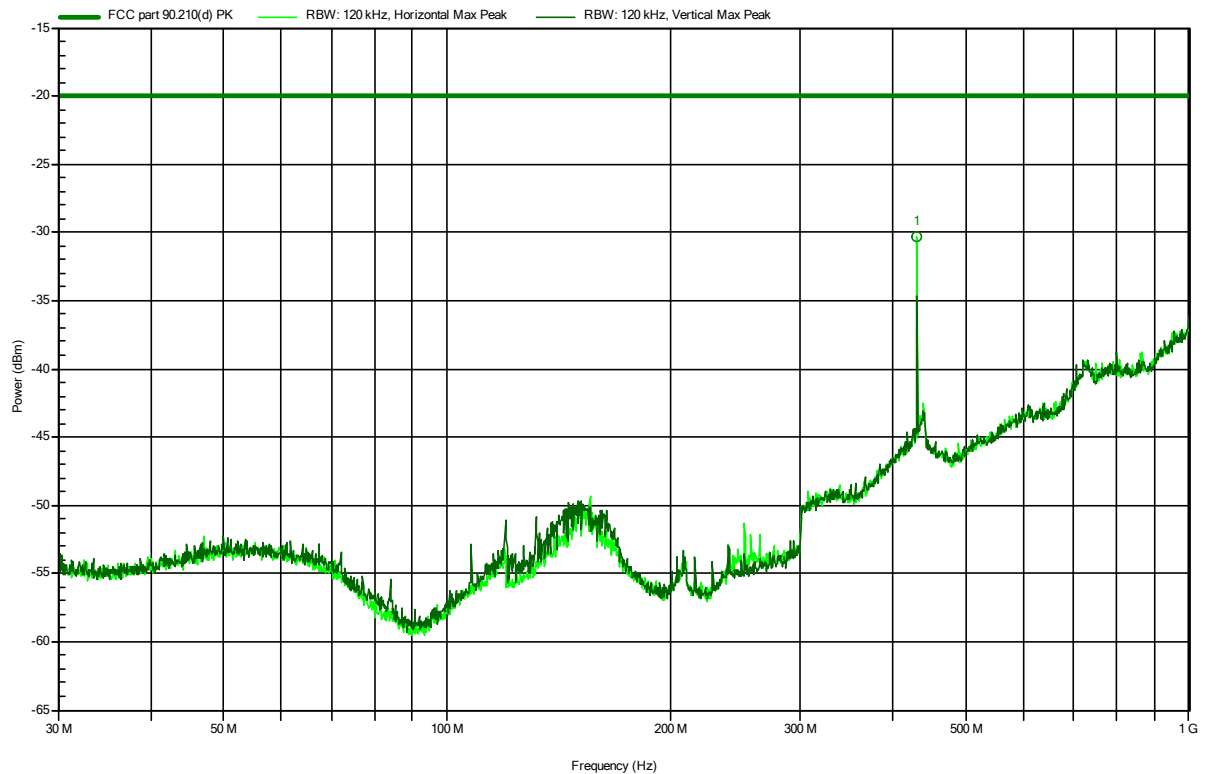


Peak Number	Frequency (MHz)	Peak (dBm)	Peak (dBm)	Limit	Peak Difference (dB)	Peak Status	Polarization
1	418.02	-28.9	--	--	--	Fundamental	Horizontal

Radiated Spurious Emissions according to 47 CFR Part 90 Subpart I

Project Number: G0M-2505-3069
 Applicant: Schweizer Electronic AG
 Model Description: Manual Switch Radio
 Model: HSF-L
 Test Sample ID: 51619
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Siddique
 Measurement software: RadiMation, version 2024.2.5
 Test Conditions: Tnom: 25 °Celsius, Vnom: 7.4 V DC
 Antenna: Schwarzbeck VULB 9168
 Measurement distance: 3 m
 Mode: Tx; Transmit, 429.9875 MHz
 Test Date: 2025-09-03
 Note: Marker1 is fundamental

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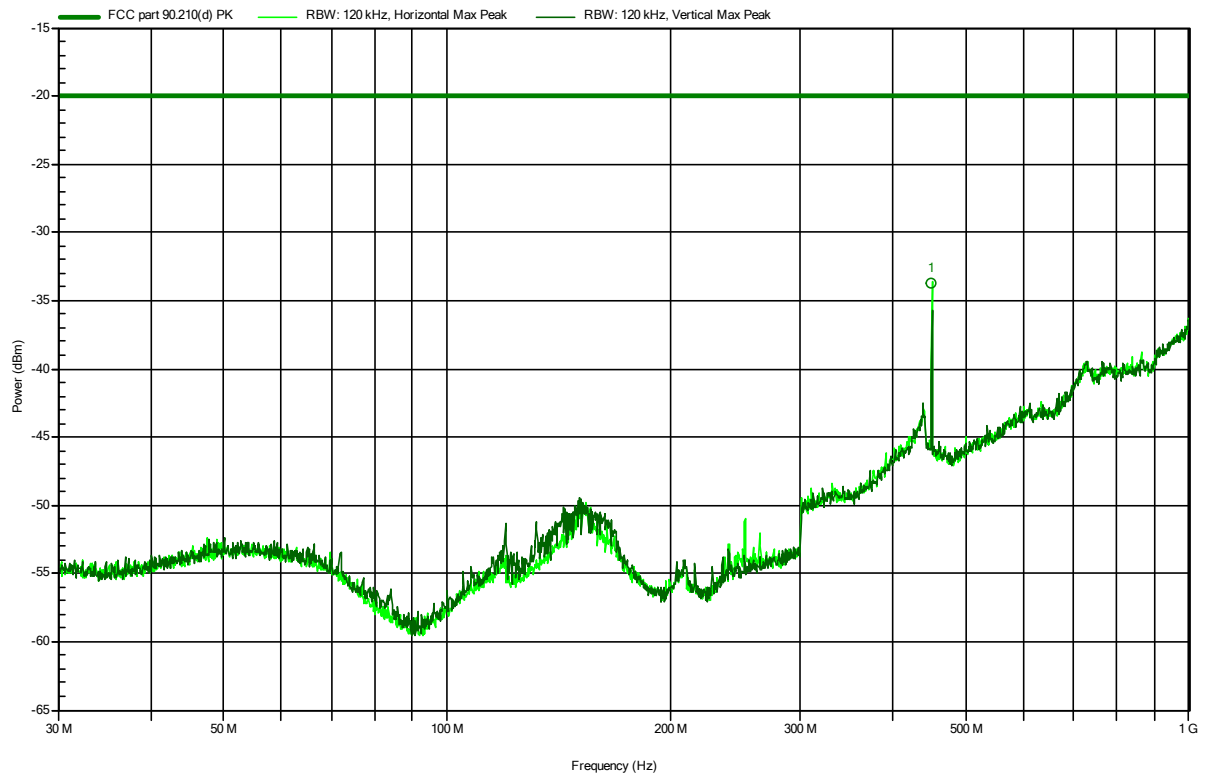


Peak Number	Frequency (MHz)	Peak (dBm)	Peak (dBm)	Limit	Peak Difference (dB)	Peak Status	Polarization
1	429.96	-30.4	--	--	--	Fundamental	Horizontal

Radiated Spurious Emissions according to 47 CFR Part 90 Subpart I

Project Number: G0M-2505-3069
 Applicant: Schweizer Electronic AG
 Model Description: Manual Switch Radio
 Model: HSF-L
 Test Sample ID: 51619
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Siddique
 Measurement software: RadiMation, version 2024.2.5
 Test Conditions: Tnom: 25 °Celsius, Vnom: 7.4 V DC
 Antenna: Schwarzbeck VULB 9168
 Measurement distance: 3 m
 Mode: Tx; Transmit, 450.0125 MHz
 Test Date: 2025-09-03
 Note: Marker1 is fundamental

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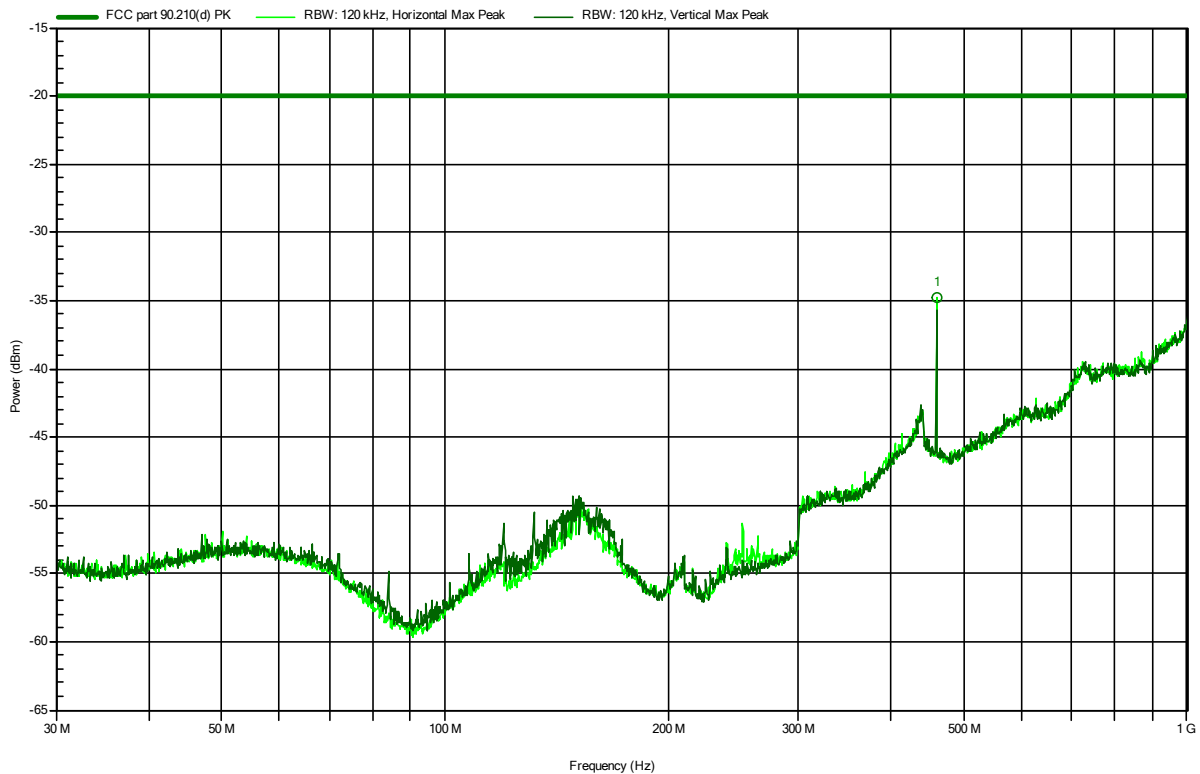


Peak Number	Frequency (MHz)	Peak (dBm)	Peak (dBm)	Limit	Peak Difference (dB)	Peak Status	Polarization
1	450	-33.7	--	--	--	Fundamental	Horizontal

Radiated Spurious Emissions according to 47 CFR Part 90 Subpart I

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 Applicant: Schweizer Electronic AG
 Model Description: Manual Switch Radio
 Model: HSF-L
 Test Sample ID: 51619
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Siddique
 Measurement software: RadiMation, version 2024.2.5
 Test Conditions: Tnom: 25 °Celsius, Vnom: 7.4 V DC
 Antenna: Schwarzbeck VULB 9168
 Measurement distance: 3 m
 Mode: Tx; Transmit, 460.0000 MHz
 Test Date: 2025-09-03
 Note: Marker1 is fundamental

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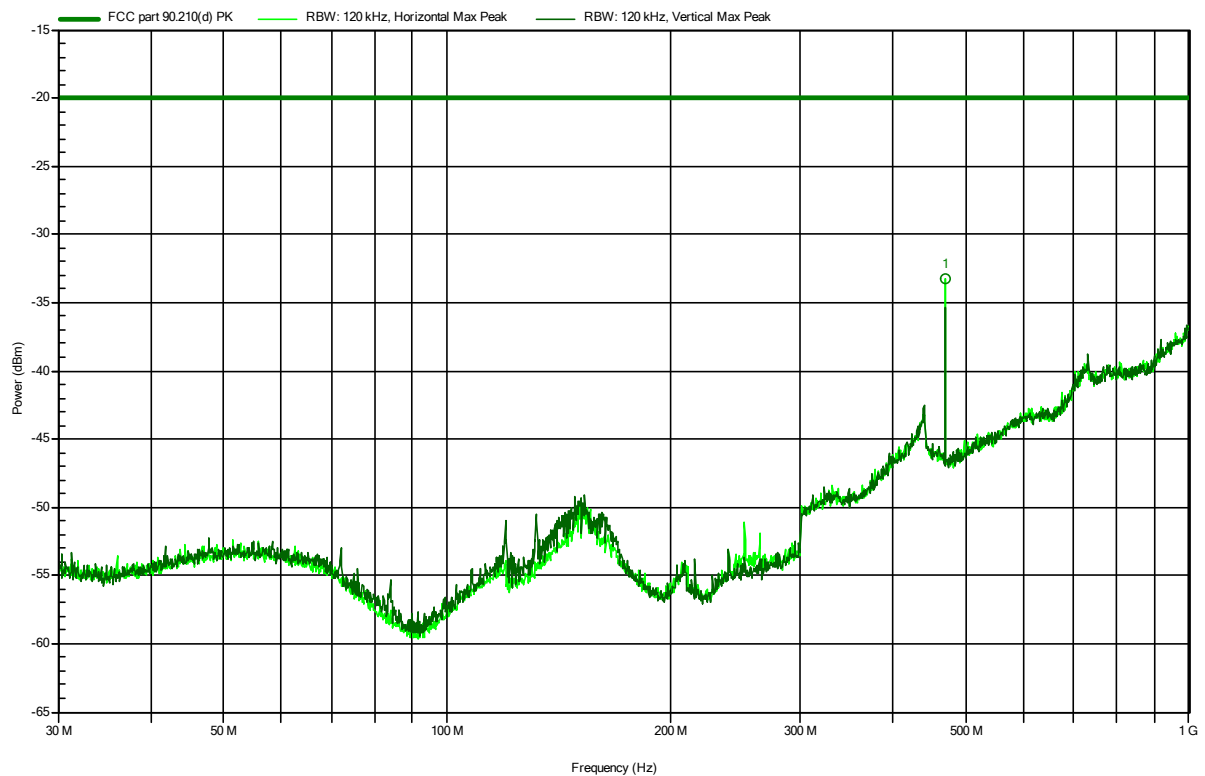


Peak Number	Frequency (MHz)	Peak (dBm)	Peak (dBm)	Limit	Peak Difference (dB)	Peak Status	Polarization
1	460.02	-34.8	--	--	--	Fundamental	Horizontal

Radiated Spurious Emissions according to 47 CFR Part 90 Subpart I

Project Number: G0M-2505-3069
 Applicant: Schweizer Electronic AG
 Model Description: Manual Switch Radio
 Model: HSF-L
 Test Sample ID: 51619
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Siddique
 Measurement software: RadiMation, version 2024.2.5
 Test Conditions: Tnom: 25 °Celsius, Vnom: 7.4 V DC
 Antenna: Schwarzbeck VULB 9168
 Measurement distance: 3 m
 Mode: Tx; Transmit, 469.9875 MHz
 Test Date: 2025-09-03
 Note: Marker1 is fundamental

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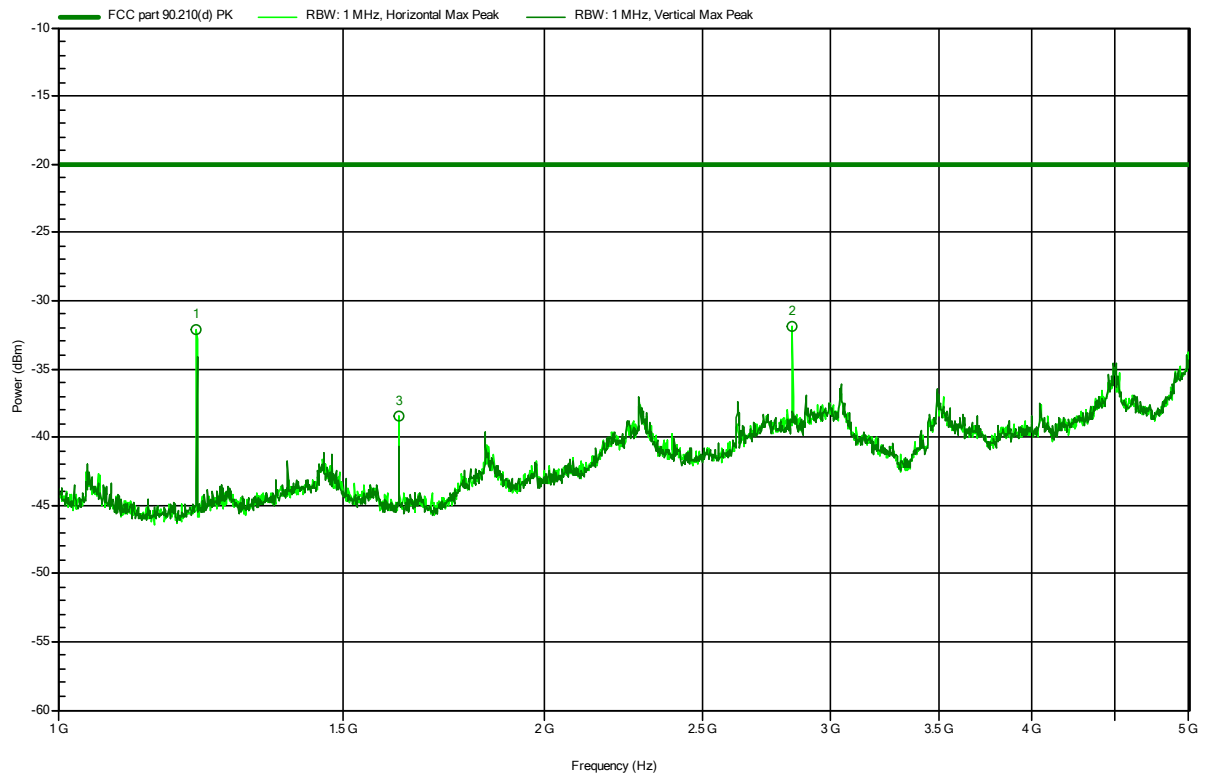


Peak Number	Frequency (MHz)	Peak (dBm)	Peak (dBm)	Limit	Peak Difference (dB)	Peak Status	Polarization
1	469.98	-33.3	--	--	--	Fundamental	Horizontal

Radiated Spurious Emissions according to 47 CFR Part 90 Subpart I

Project Number: G0M-2505-3069
 Applicant: Schweizer Electronic AG
 Model Description: Manual Switch Radio
 Model: HSF-L
 Test Sample ID: 51619
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Siddique
 Measurement software: RadiMation, version 2024.2.5
 Test Conditions: Tnom: 25 °Celsius, Vnom: 7.4 V DC
 Antenna: Schwarzbeck BBHA 9120D
 Measurement distance: 3 m
 Mode: Tx; Transmit, 406.1125 MHz
 Test Date: 2025-09-03
 Note:

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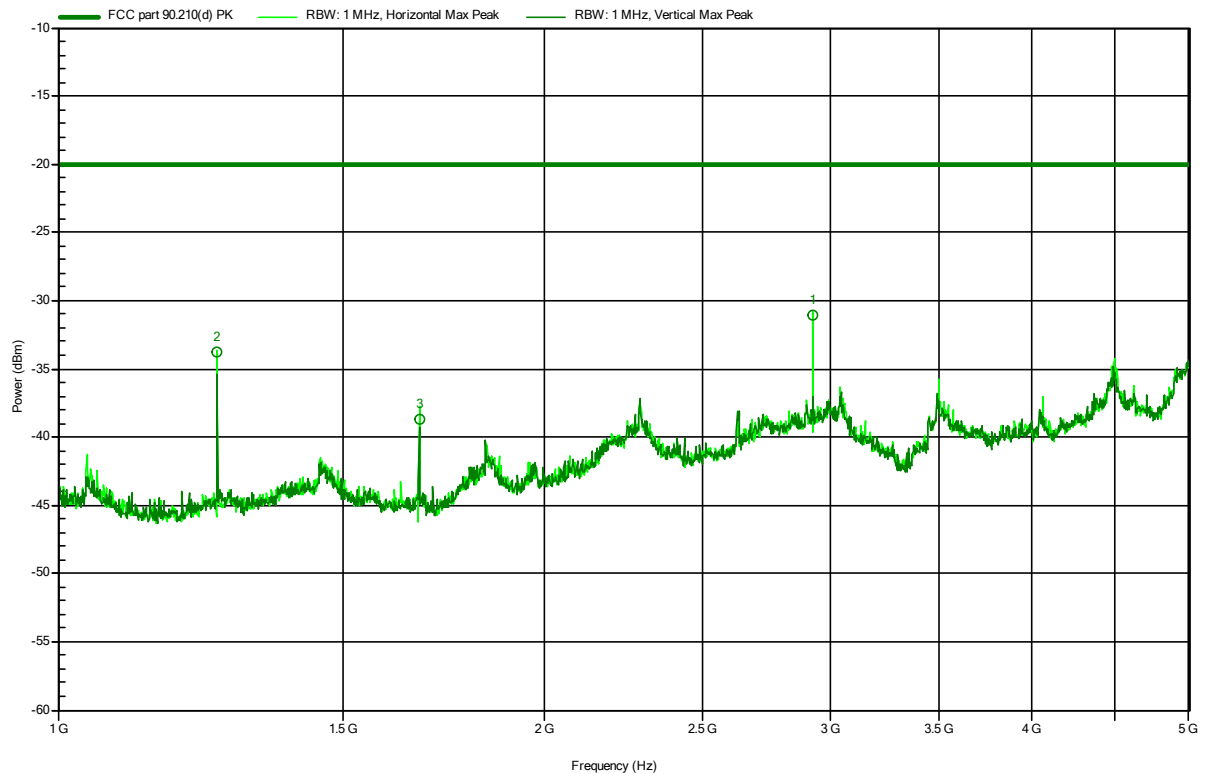


Peak Number	Frequency (MHz)	Peak (dBm)	Peak (dBm)	Limit	Peak Difference (dB)	Peak Status	Polarization
1	1218.5	-32.1	-20		-12.14	Pass	Horizontal
2	2843	-31.9	-20		-11.94	Pass	Horizontal
3	1624.5	-38.4	-20		-18.43	Pass	Horizontal

Radiated Spurious Emissions according to 47 CFR Part 90 Subpart I

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 Test Sample ID: 51619
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Siddique
 Measurement software: RadiMation, version 2024.2.5
 Test Conditions: Tnom: 25 °Celsius, Vnom: 7.4 V DC
 Antenna: Schwarzbeck BBHA 9120D
 Measurement distance: 3 m
 Mode: Tx; Transmit, 418.0500 MHz
 Test Date: 2025-09-03
 Note:

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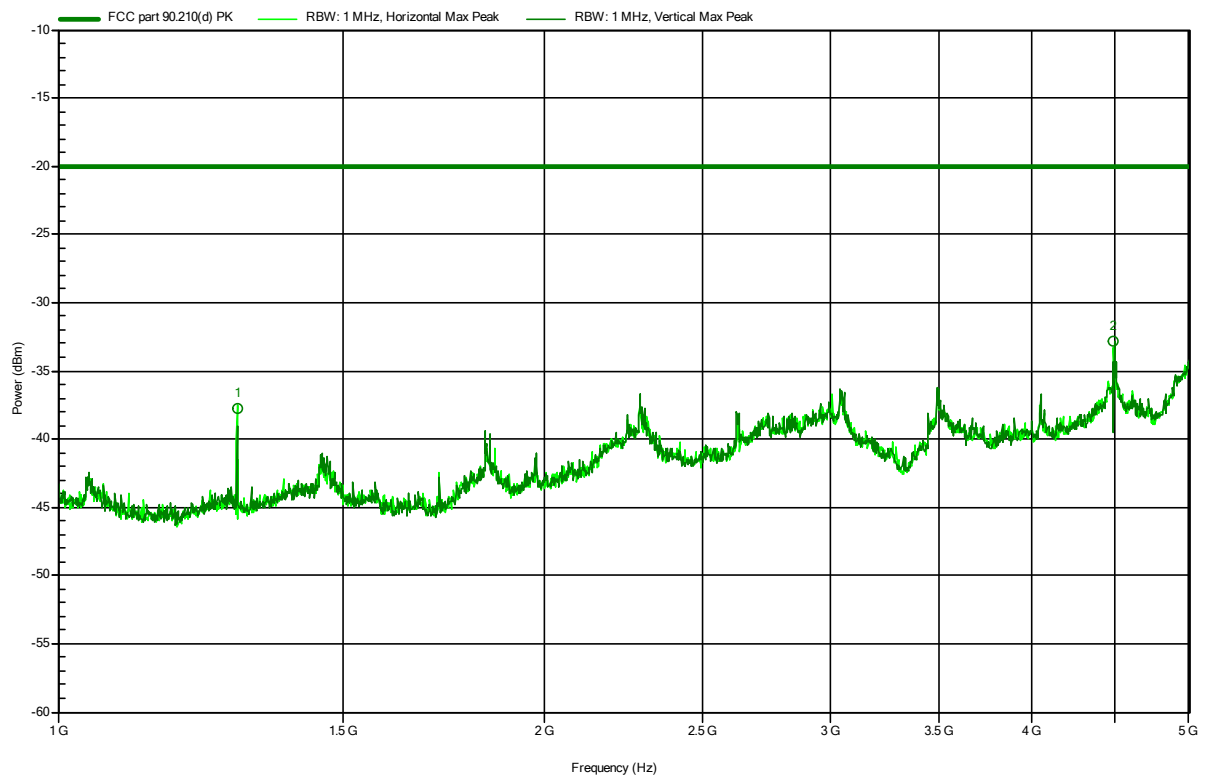


Peak Number	Frequency (MHz)	Peak (dBm)	Peak (dBm)	Limit	Peak Difference (dB)	Peak Status	Polarization
1	2926.5	-31	-20		-11.02	Pass	Horizontal
2	1254	-33.7	-20		-13.74	Pass	Horizontal
3	1672	-38.7	-20		-18.71	Pass	Horizontal

Radiated Spurious Emissions according to 47 CFR Part 90 Subpart I

Project Number: G0M-2505-3069
 Applicant: Schweizer Electronic AG
 Model Description: Manual Switch Radio
 Model: HSF-L
 Test Sample ID: 51619
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Siddique
 Measurement software: RadiMation, version 2024.2.5
 Test Conditions: Tnom: 25 °Celsius, Vnom: 7.4 V DC
 Antenna: Schwarzbeck BBHA 9120D
 Measurement distance: 3 m
 Mode: Tx; Transmit, 429.9875 MHz
 Test Date: 2025-09-03
 Note:

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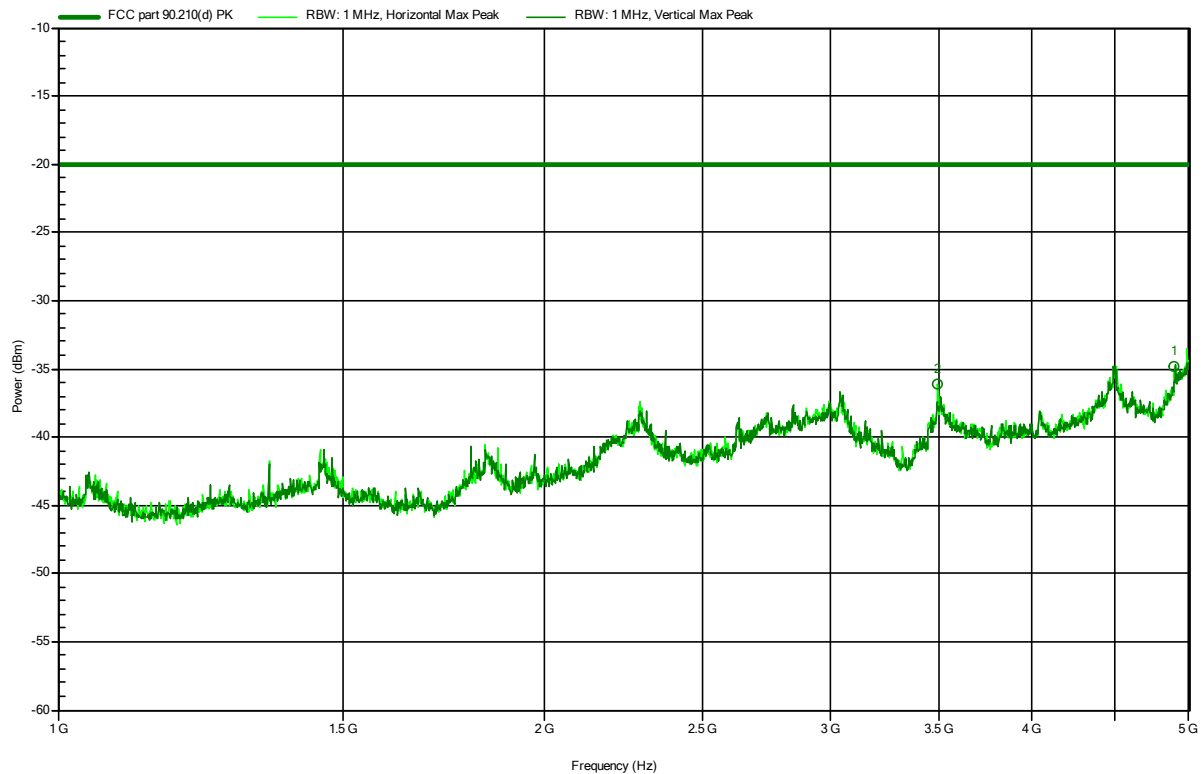


Peak Number	Frequency (MHz)	Peak (dBm)	Peak (dBm)	Limit	Peak Difference (dB)	Peak Status	Polarization
1	1290	-37.7	-20	-17.72		Pass	Horizontal
2	4491.5	-32.9	-20	-12.87		Pass	Vertical

Radiated Spurious Emissions according to 47 CFR Part 90 Subpart I

Project Number: G0M-2505-3069
 Applicant: Schweizer Electronic AG
 Model Description: Manual Switch Radio
 Model: HSF-L
 Test Sample ID: 51619
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Siddique
 Measurement software: RadiMation, version 2024.2.5
 Test Conditions: Tnom: 25 °Celsius, Vnom: 7.4 V DC
 Antenna: Schwarzbeck BBHA 9120D
 Measurement distance: 3 m
 Mode: Tx; Transmit, 450.0125 MHz
 Test Date: 2025-09-03
 Note:

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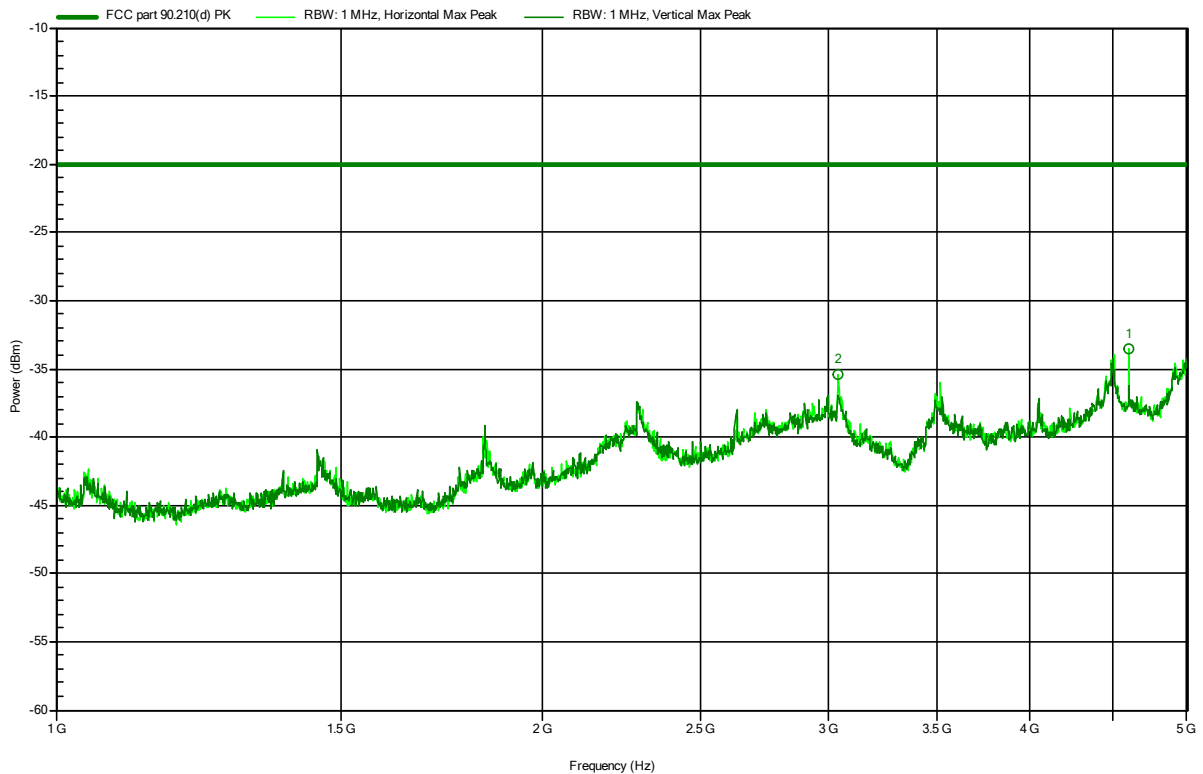


Peak Number	Frequency (MHz)	Peak (dBm)	Peak (dBm)	Limit	Peak Difference (dB)	Peak Status	Polarization
1	4898	-34.8	-20		-14.79	Pass	Horizontal
2	3495.5	-36.2	-20		-16.17	Pass	Horizontal

Radiated Spurious Emissions according to 47 CFR Part 90 Subpart I

Project Number: G0M-2505-3069
 Applicant: Schweizer Electronic AG
 Model Description: Manual Switch Radio
 Model: HSF-L
 Test Sample ID: 51619
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Siddique
 Measurement software: RadiMation, version 2024.2.5
 Test Conditions: Tnom: 25 °Celsius, Vnom: 7.4 V DC
 Antenna: Schwarzbeck BBHA 9120D
 Measurement distance: 3 m
 Mode: Tx; Transmit, 460.0000 MHz
 Test Date: 2025-09-03
 Note:

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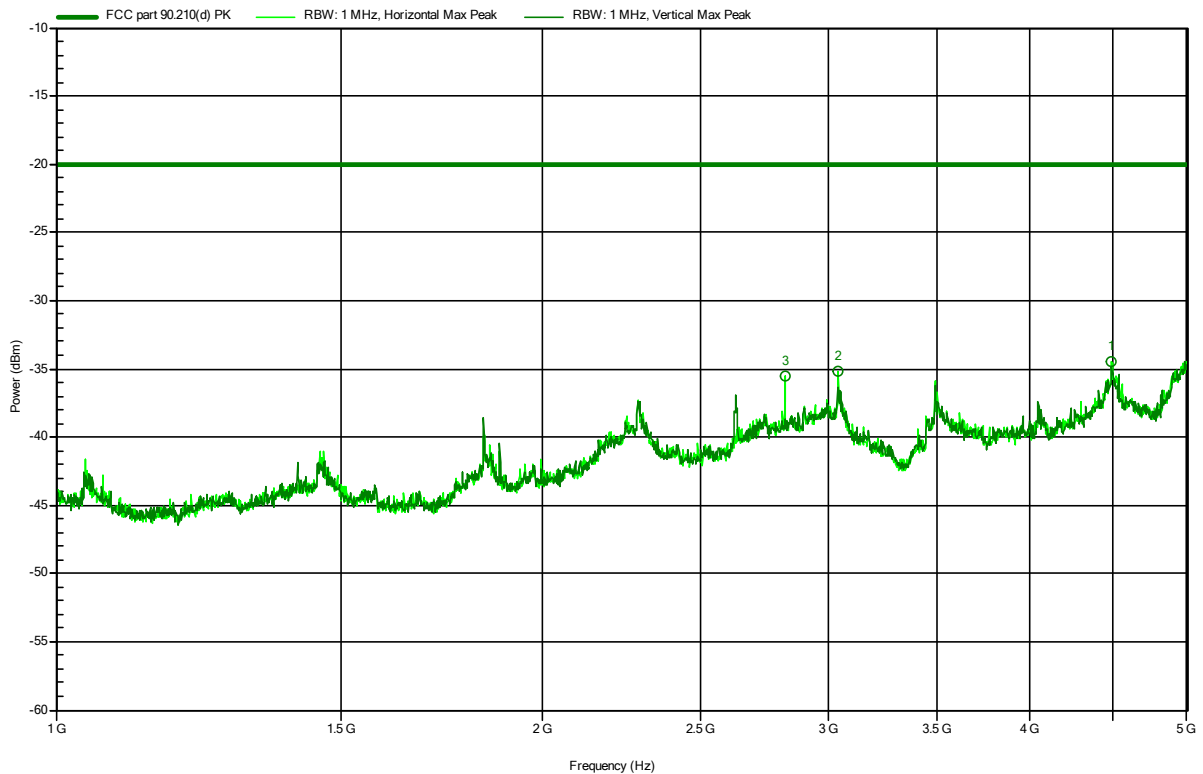


Peak Number	Frequency (MHz)	Peak (dBm)	Peak (dBm)	Limit	Peak Difference (dB)	Peak Status	Polarization
1	4600	-33.5	-20		-13.49	Pass	Horizontal
2	3043.5	-35.4	-20		-15.38	Pass	Horizontal

Radiated Spurious Emissions according to 47 CFR Part 90 Subpart I

Project Number: G0M-2505-3069
 Applicant: Schweizer Electronic AG
 Model Description: Manual Switch Radio
 Model: HSF-L
 Test Sample ID: 51619
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Siddique
 Measurement software: RadiMation, version 2024.2.5
 Test Conditions: Tnom: 25 °Celsius, Vnom: 7.4 V DC
 Antenna: Schwarzbeck BBHA 9120D
 Measurement distance: 3 m
 Mode: Tx; Transmit, 469.9875 MHz
 Test Date: 2025-09-03
 Note:

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Peak Number	Frequency (MHz)	Peak (dBm)	Peak (dBm)	Limit	Peak Difference (dB)	Peak Status	Polarization
1	4490	-34.4	-20		-14.42	Pass	Horizontal
2	3043.5	-35.2	-20		-15.19	Pass	Horizontal
3	2820	-35.5	-20		-15.47	Pass	Horizontal

== = END OF TEST REPORT == =

Test Report No.: G0M-2505-3069-TFC090PMR02-V01

Eurofins Product Service GmbH
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