



Test Report - FCC Part 15.247

Applicant: Cattron North America Inc.

Signature:

A handwritten signature in black ink, appearing to read "Tim Royer".

Sr. EMC Engineer
EMC-003838-NE



Name & Title:

Tim Royer, Lab Manager

Date of Signature

1/8/2026

Signature:

A handwritten signature in black ink, appearing to read "Kristoffer Costa".

Name & Title:

Kristoffer Costa, EMC Technician

Date of Signature

1/8/2026

This test report relates only to the items tested as identified and is not valid for any subsequent changes or modifications made to the equipment under test.

Table of Contents

1.	APPLICANT INFORMATION.....	4
1.1	TEST RESULT SUMMARY	4
2.	LOCATION OF TESTING.....	6
2.1	TEST LABORATORY	6
3.	TEST SAMPLE(S) (EUT/DUT).....	6
3.1	DESCRIPTION OF THE EUT	7
3.2	CONFIGURATION OF EUT	8
3.3	TEST SETUP OF EUT	8
4.	TEST METHODS & APPLICABLE REGULATORY LIMITS.....	9
4.1	TEST METHODS/STANDARDS/GUIDANCE:	9
4.2	APPLIED LIMITS AND REGULATORY LIMITS:.....	9
5.	MEASUREMENT UNCERTAINTY	9
6.	ENVIRONMENTAL CONDITIONS.....	9
6.1	TEMPERATURE & HUMIDITY	9
7.	LIST OF TEST EQUIPMENT AND TEST FACILITY	10
7.1	LIST OF TEST EQUIPMENT	10
8.	TEST RESULTS.....	11
8.1	CONDUCTED OUTPUT POWER	12
8.1.1	Conducted Output Power, 902.5 MHz	13
8.1.2	Conducted Output Power, 915 MHz.....	14
8.1.3	Conducted Output Power, 927 MHz.....	15
8.2	OCCUPIED BANDWIDTH.....	16
8.2.1	99% Occupied Bandwidth, 50 kbps, 902.5 MHz.....	17
8.2.2	99% Occupied Bandwidth, 50 kbps, 915 MHz.....	18
8.2.3	99% Occupied Bandwidth, 50 kbps, 927 MHz	19
8.2.4	99% Occupied Bandwidth, 6 kbps, 902.5 MHz	20
8.2.5	99% Occupied Bandwidth, 6 kbps, 915 MHz.....	21
8.2.6	99% Occupied Bandwidth, 6 kbps, 927 MHz	22
8.3	20dB BANDWIDTH.....	23
8.3.1	20 dB Bandwidth, 902.5 MHz	24
8.3.2	20 dB Bandwidth, 915 MHz.....	25
8.3.3	20 dB Bandwidth, 927 MHz.....	26
8.4	HOPPING CHARACTERISTICS.....	27
8.4.1	Hopping Channel Occupancy Time	27
8.4.2	Carrier Frequency Separation Plot	28
8.4.3	Number of Hopping Frequencies Plot	29
8.4.4	Time of Occupancy Plot	30
8.4.5	Hops in 10 s Plot.....	31
8.5	EMISSIONS IN NONRESTRICTED FREQUENCY BANDS (OUT OF BAND)	32
8.5.1	Conducted Emissions Test Data, 902.5 MHz.....	33

8.5.2	Conducted Emissions Test Data, 915 MHz.....	34
8.5.3	Conducted Emissions Test Data, 927 MHz	35
8.6	BAND-EDGE MEASUREMENTS	36
8.6.1	Lower Band Edge Plot, Stopped, 902.5 MHz	37
8.6.2	Upper Band Edge Plot, Stopped, 927 MHz.....	38
8.6.3	Lower Band Edge Plot, Hopping, 902.5 MHz.....	39
8.6.4	Upper Band Edge Plot, Hopping, 927 MHz.....	40
8.7	RADIATED EMISSIONS.....	41
8.7.1	Radiated Emissions, 902.5 MHz	42
8.7.2	Radiated Emissions, 915 MHz.....	43
8.7.3	Radiated Emissions, 927 MHz.....	44
9.	ANNEX-B – TEST SETUP PHOTOGRAPHS.....	45
10.	HISTORY OF TEST REPORT CHANGES.....	45

1. Applicant Information

Applicant: Catttron North America Inc.
Address: 655 N. River Road NW
Suite A
Warren OH 44483-2254, United States

1.1 Test Result Summary

The following test procedure and guidance were used for measuring Digital Transmission System (DTS); FCC KDB 558074 D01 DTS Measurement Guidance and ANSI C63.10-2020. Full test results are available in this report.

No additions to the test methods were needed. There were no deviations, or exclusions from the test methods. No test results are from external providers or from the customer. The test results relate only to the items tested. IIA Lab Services LLC does not offer opinions and interpretations, only a pass/fail statement.

Applicable Clauses from Part 2 or KDB		
FCC Clauses	Description of the requirements	Result: (Pass, Fail, N/A)
KDB 558074 D01	Duty Cycle	Reported
KDB 558074 D01	99 % Bandwidth	Reported
KDB 558074 D01	Band-edge measurements	Pass

Applicable Clauses from Part 15.247		
FCC Clauses	Description of the requirements	Result: (Pass, Fail, N/A)
15.247 (a) (1) – (1) (iii)	FHSS hopping requirements (1, i,ii,iii)	Pass
15.247 (a) (1)	FHSS 20dB Bandwidth	Pass
15.247 (a) (2)	DTS 6dB Bandwidth	N/A
15.247 (b) (1) – (4)	Conducted output power	Pass
15.247 (c) (1) – (2)	Operation with directional antenna gains > 6 dBi	N/A
15.247 (d), 15.215 (b)	Conducted Emissions in Non-restricted bands	Pass
15.247 (d), 15.215 (b)	Conducted Emissions at the Band-edge	Pass
15.247 (e)	Power Spectral Density (PSD)	N/A
15.247 (f)	Hybrid system hopping requirements	N/A
15.247 (f)	Hybrid system Power Spectral Density	N/A
15.247 (g)	FHSS System requirements	Pass
15.247 (h)	FHSS spectrum sensing	N/A

Applicable Clauses from Part 2 and Part 15 Subpart C		
FCC Clauses	Description of the requirements	Result: (Pass, Fail, N/A)
15.203	Antenna requirements	Pass
15.205	Restricted bands of operation	Pass
15.207	AC Power Conducted Emissions	N/A
15.209	Radiated Emissions in Restricted bands	Pass
15.211	Tunnel Radio Systems	N/A
15.212 (a)	Single Modular Transmitter	N/A
15.212 (b)	Limited Modular Transmitter	N/A
15.213	Cable Locating Equipment	N/A

2. Location of Testing

2.1 Test Laboratory

IIA Lab Services LLC. is a subsidiary of Industrial Inspection & Analysis, Inc. ("IIA"). Testing was performed at IIA's permanent laboratory located at 13146 NW 86th Drive, Suite 400, Alachua, Florida 32615.

FCC test firm # 578780

FCC Designation # US1070

FCC site registration is under A2LA certificate # 0955.01

ISED Canada test site registration # 2056A

EU Notified Body # 1177

For all designations see A2LA scope # 0955.01

3. Test Sample(s) (EUT/DUT)

The test sample was received: 12/17/2025

Dates of Testing: 1/6/2026 – 1/7/2026

3.1 Description of the EUT

A description as well as unambiguous identification of the EUT(s) tested. Where more than one sample is required for technical reasons (such as the use of connected units for the purpose of conducted output power testing where the product units will have integral antennas), each specific test shall identify which unit was tested.

Identification	
FCC ID:	CN2-LP915
Brief Description	900MHz Spread Spectrum Transceiver
Model(s) #	LEAP915
Firmware version	N/A
Software version	N/A
Serial Number	N/A

Technical Characteristics	
Frequency Range	902.5 MHz- 928 MHz
RF O/P Power (Max.)	15 dBm
Modulation	GFSK (FHSS)
Bandwidth & Emission Class	N/A
Number of Channels	50
Duty Cycle	100%
Antenna Connector	SMA
Voltage Rating (AC or Batt.)	12VDC

Note: Information such as antenna gain, firmware/software numbers are provided by manufacturer and cannot be validated by the test lab.

3.2 Configuration of EUT

Test Modes						
Band (MHz)	Mode (#)	Mode (Type)	Test Frequencies (MHz)	BW (nominal)(kHz)	Modulation	Number of Antennas
902.5 MHz-928 MHz	1	Transmit	902.5 MHz 915 MHz 927 MHz	73.94 kHz	GFSK	1

Temp- 25.2 degrees Celsius

Humidity- 56.6%

Operating conditions during Testing:

No modifications of the device under test (including firmware, specific software settings, and input/output signal levels to the EUT).

Peripherals used during Testing:

No peripherals used.

3.3 Test Setup of EUT

Equipment, antenna, and cable arrangement. The setup of the equipment and cable or wire placement on the test site that produces the highest radiated and the highest ac power line conducted emissions shall be shown clearly and described. Information on the orientation of portable equipment during testing shall be included. Drawings or photographs may be used for this purpose.

Test Setups are included in the test report.

4. Test methods & Applicable Regulatory Limits

4.1 Test methods/Standards/Guidance:

Test procedures and guidance for measuring Digital Transmission System (DTS) are provided in the FCC KDB 558074 D01 DTS Measurement Guidance and in Clause 11 of ANSI C63.10-2020.

- 1) ANSI C63.10-2020
- 2) FCC KDB 558074 D01

4.2 Applied Limits and Regulatory Limits:

- 3) FCC CFR 47 Part 15.247 (2020)

5. Measurement Uncertainty

Parameter	Uncertainty (dB)
Conducted Emissions	± 3.14 dB
Radiated Emissions (9kHz – 30 MHz)	± 3.08 dB
Radiated Emissions (30 – 200 MHz)	± 2.16 dB
Radiated Emissions (200 – 1000 MHz)	± 2.15 dB
Radiated Emissions (1 GHz – 18 GHz)	± 2.14 dB
Radiated Emissions (18 GHz – 40 GHz)	± 2.31 dB
Note: The uncertainties provided in this table represent an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of K=2.	

6. Environmental Conditions

6.1 Temperature & Humidity

Measurements performed at the test site did not exceed the following:

Temperature	23 C +/- 5%
Humidity	55% +/- 5%
Barometric pressure	30.05 inHg
Note: Specific environmental conditions that are applicable to a specific test are available in the test result section.	

7. List of Test Equipment and Test Facility

The test equipment used identified by type, manufacturer, serial number, or other identification and the date on which the next calibration or service check is due.

Description of the firmware or software used to operate EUT for testing purposes.

A complete list of all test equipment used shall be included with the test report. The manufacturer's model and serial numbers, and date of last calibration, and calibration interval shall be included. Measurement cable loss, measuring instrument bandwidth and detector function, video bandwidth, if appropriate, and antenna factors shall also be included where applicable.

7.1 List of Test Equipment

Test Equipment						
Type	Device	Manufacturer	Model	SN#	Current Cal	Cal Due
Antenna, NSA	Log-Periodic 1243	Eaton	96005	1243	7/15/25	7/14/2028
Antenna	Double-Ridged Horn/ETS Horn 1	ETS-Lindgren	3117	00035923	5/31/23	5/30/2026
CHAMBER	CHAMBER	Panashield	3M	N/A	12/29/23	12/18/2025
Pre-amp	Pre-amp	RF-LAMBDA	RLNA00M45GA	NA	9/3/25	9/2/2028
Receiver	EMI Test Receiver R&S ESW44	Rohde & Schwarz	ESW44	103049	1/20/25	1/20/2028
Signal Generator	Signal Generator HP 8648C	HP	8648C	35537A01679	9/11/25	9/10/2028

Software			
Software	Author	Version	Validation on
ESU Firmware	Rohde & Schwarz	4.43 SP3; BIOS v5.1-24-3	2018
Field Strength	IIA	v4.10.7.0	2016
Field Meter	Wave Control SMP2	2.5.5	2024
EMC32	Rohde & Schwarz	11.60.00	2025

8. Test Results

The results of the test are usually indicated in the form of tables, spectrum analyzer plots, charts, sample calculations, as appropriate for each test procedure.

A description and/or a block diagram of the test setup is usually provided.

The measurement results, along with the appropriate limits for comparison, may be presented in tabular or graphical form. In addition, any variation in the measurement environment may be reported if applicable (e.g., a significant change of temperature that could affect the cable loss and amplifier response).

Unless noted otherwise in the referenced standard, the measurements of **ac power-line conducted emissions and conducted power output** will be reported in units of dB μ V. Unless noted otherwise in the referenced standard, the measurements of **radiated emissions** will be reported in units of decibels, referenced to one microvolt per meter (dB μ V/m) for electric fields, or to one ampere per meter (dBA/m) for magnetic fields, at the distance specified in the appropriate standards or requirements. The measurements of antenna-conducted power for receivers may be reported in units of dB μ V if the impedance of the measuring instrument is also reported. Otherwise, antenna-conducted power will be reported in units of decibels referenced to one milliwatt (dBm). All formulas for data conversions and conversion factors, if used, will be included in this measurement report.

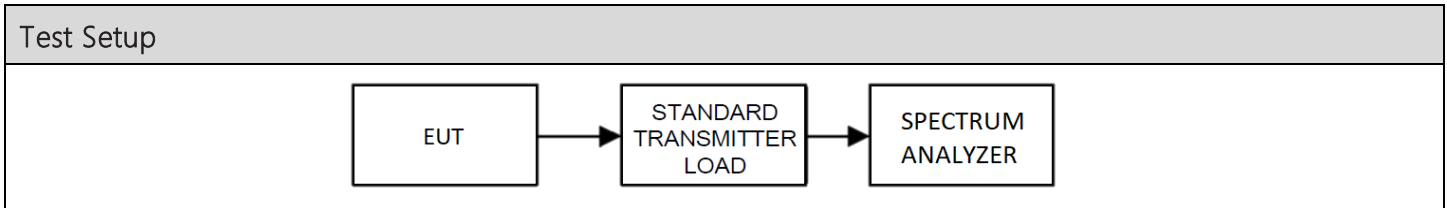
Example:

Freq (MHz)	Meter Reading	+ ACF	+CL	= FS
33	20 dB μ V	+ 10.36 dB/m	+0.40 dB	=30.36 dB μ V/m @ 3m

$EIRP = P_{cond} \text{ (dBm)} + dBi$

8.1 Conducted Output Power

Limits from FCC Part 15.247 (b) (1) – (4) as applicable, and test procedure from ANSI C63.10-2020 section 7.8 or 11.9 as applicable.



Output Power Test Results

Test Results, Mode 1	
Tuned Frequency (MHz)	Power Output (dBm)
902.5	14.34
915	13.39
927	12.14

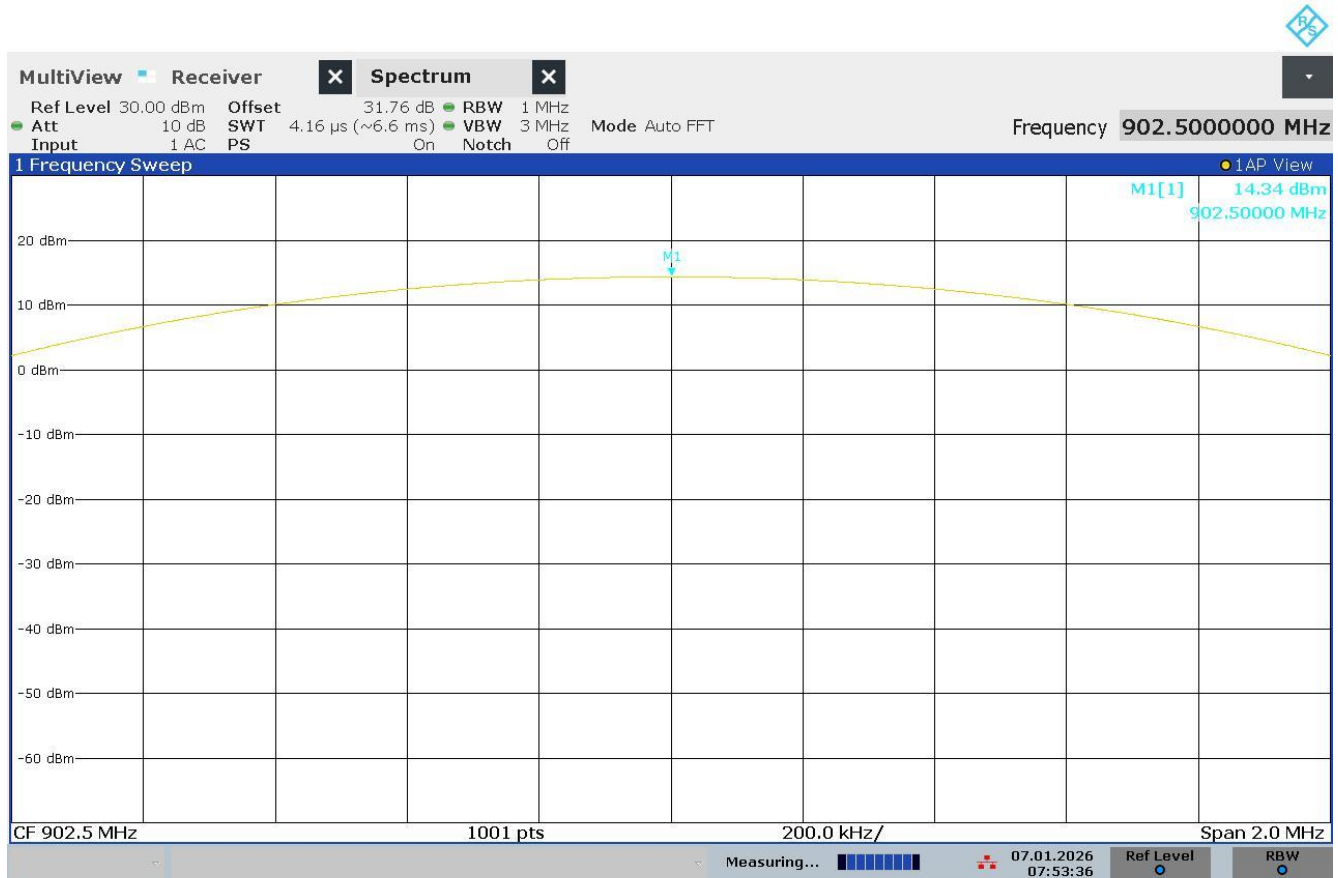
- MAXIMUM Conducted Output Power = 14.34 dBm

Point-to-Point - N/A. The EUT is not a PtP device.

MIMO - N/A. The EUT is not a MIMO device.

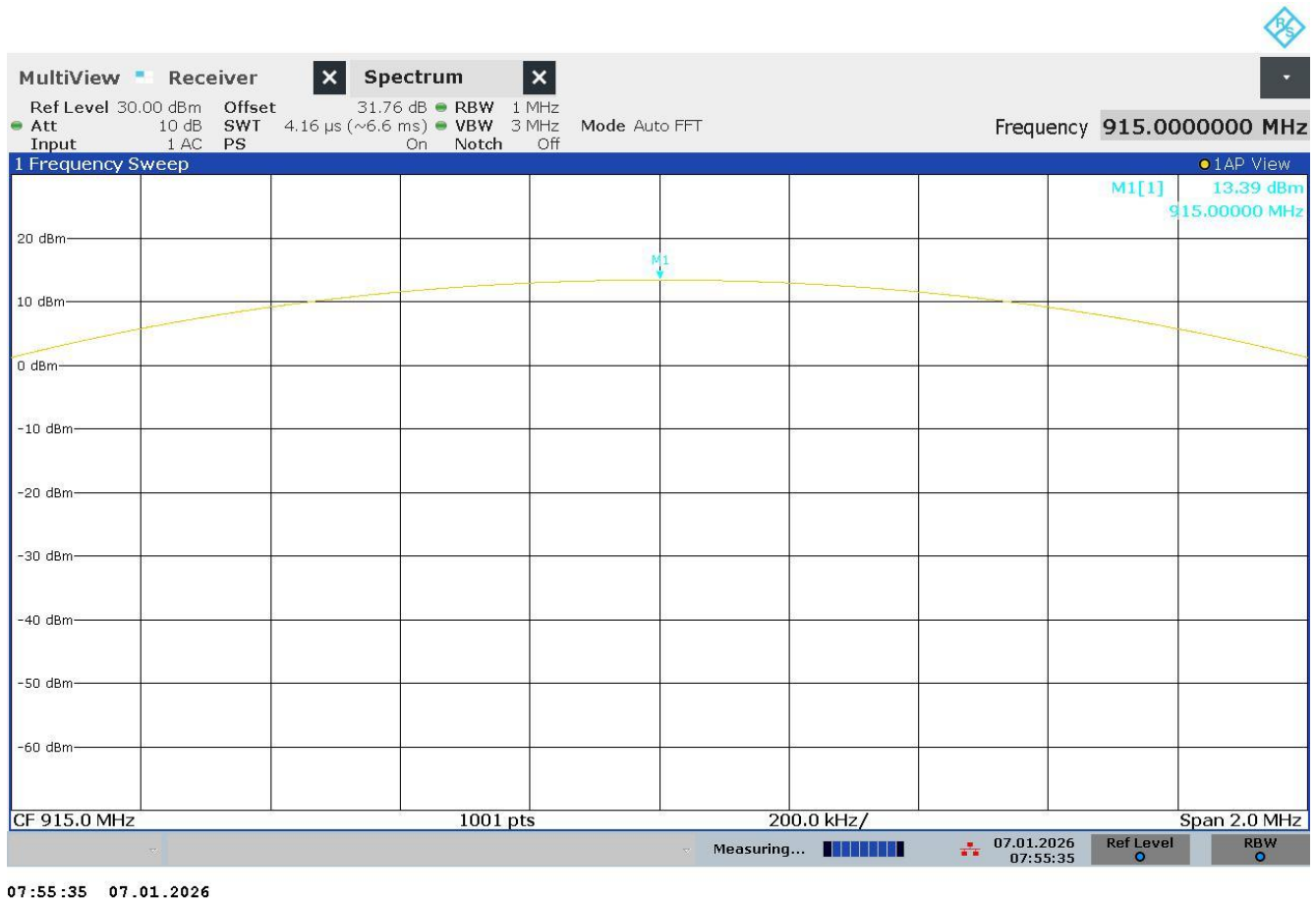
Conducted Output Power, Spectrum Plots

8.1.1 Conducted Output Power, 902.5 MHz

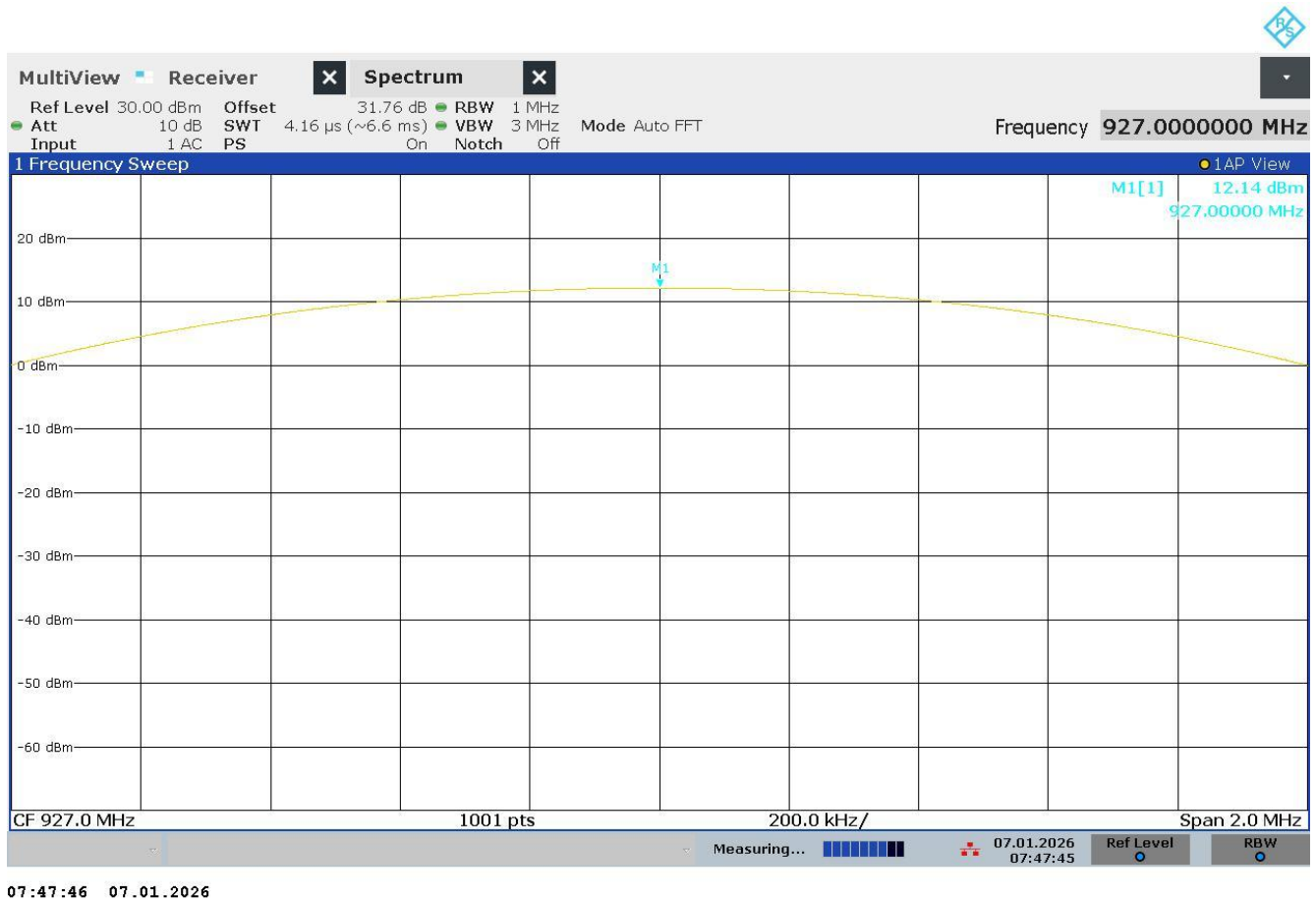


07:53:37 07.01.2026

8.1.2 Conducted Output Power, 915 MHz

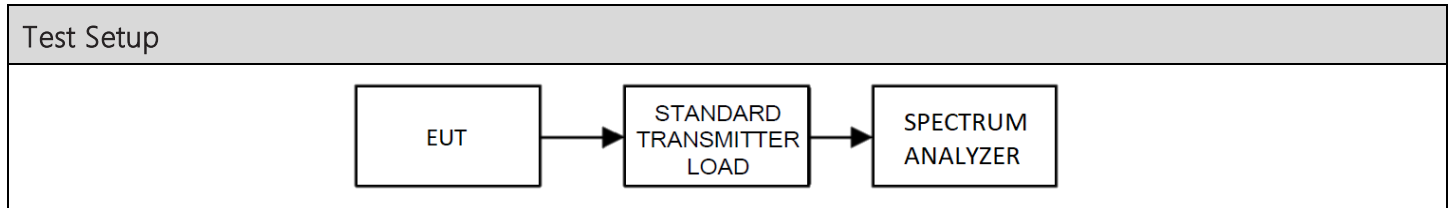


8.1.3 Conducted Output Power, 927 MHz



8.2 Occupied Bandwidth

Requirement from FCC KDB 558074 D01 and test procedure from ANSI C63.10-2020 section 6.9.3



99% BW Test Results

50 kbps

Tuned Frequency (MHz)	99% BW (kHz)
902.5	73.19
915	73.94
927	72.69

6 kbps

Tuned Frequency (MHz)	99% BW (kHz)
902.5	7.99
915	7.81
927	7.70

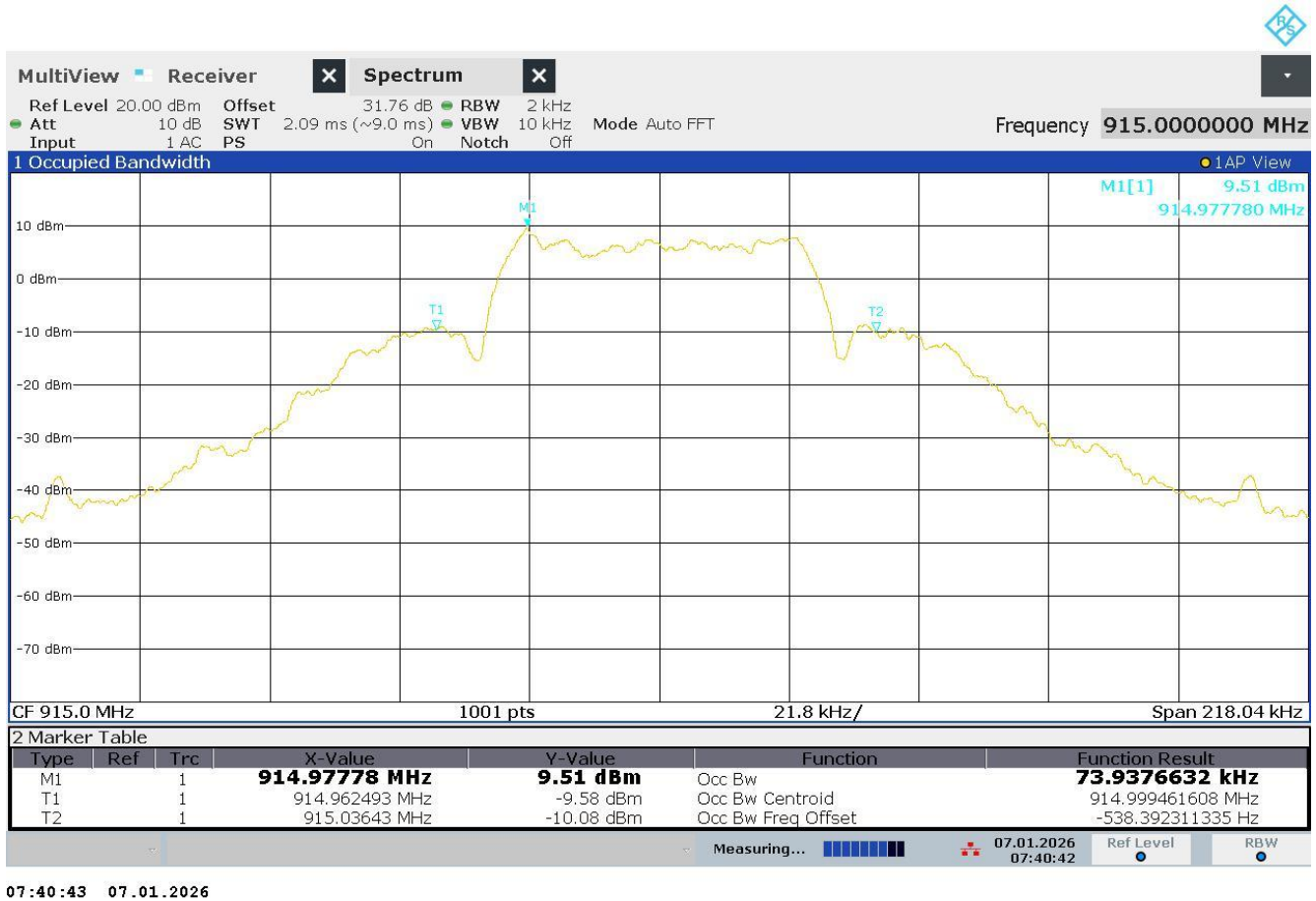
99% Occupied Bandwidth, Spectrum Plots

8.2.1 99% Occupied Bandwidth, 50 kbps, 902.5 MHz

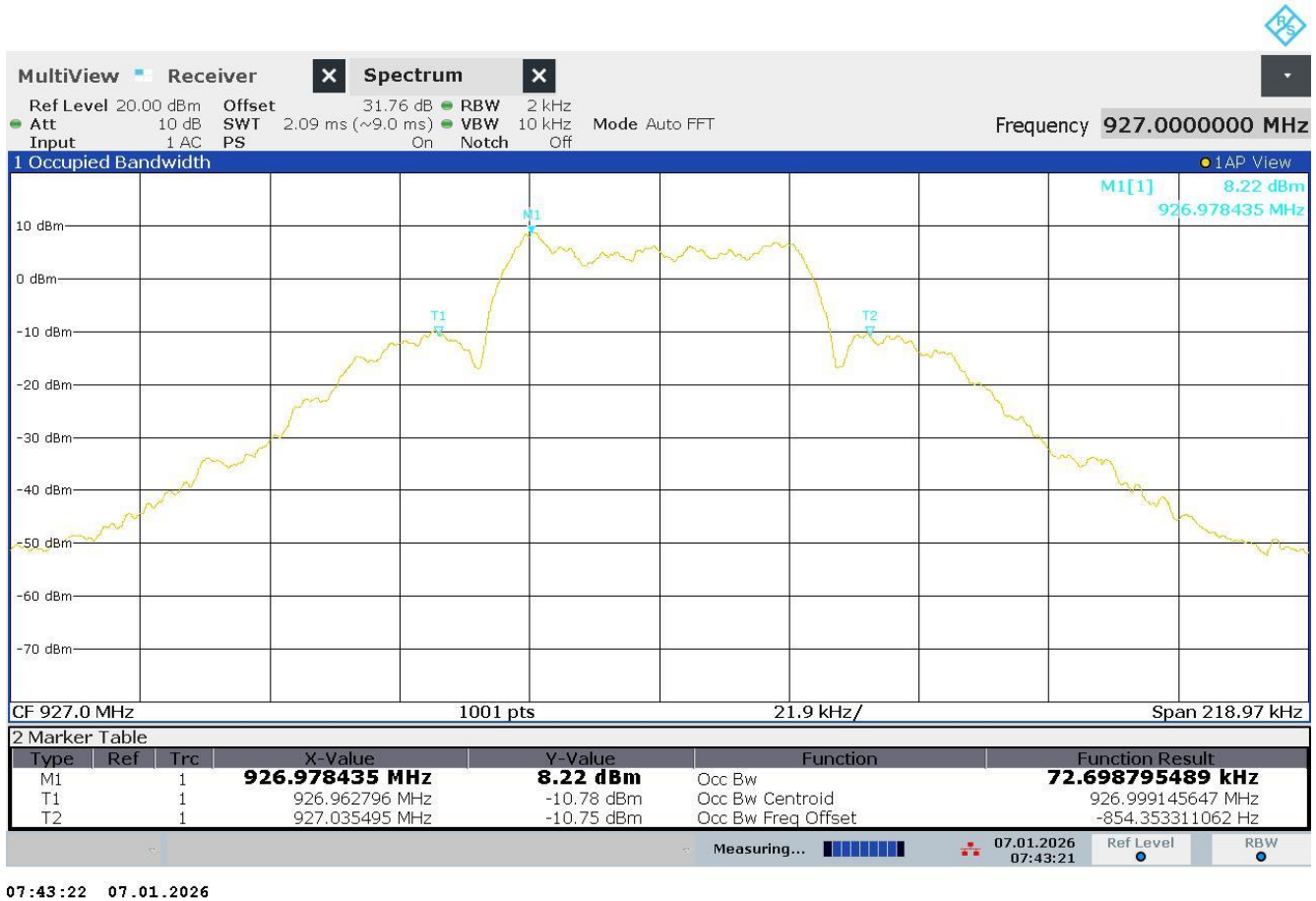


07:37:46 07.01.2026

8.2.2 99% Occupied Bandwidth, 50 kbps, 915 MHz



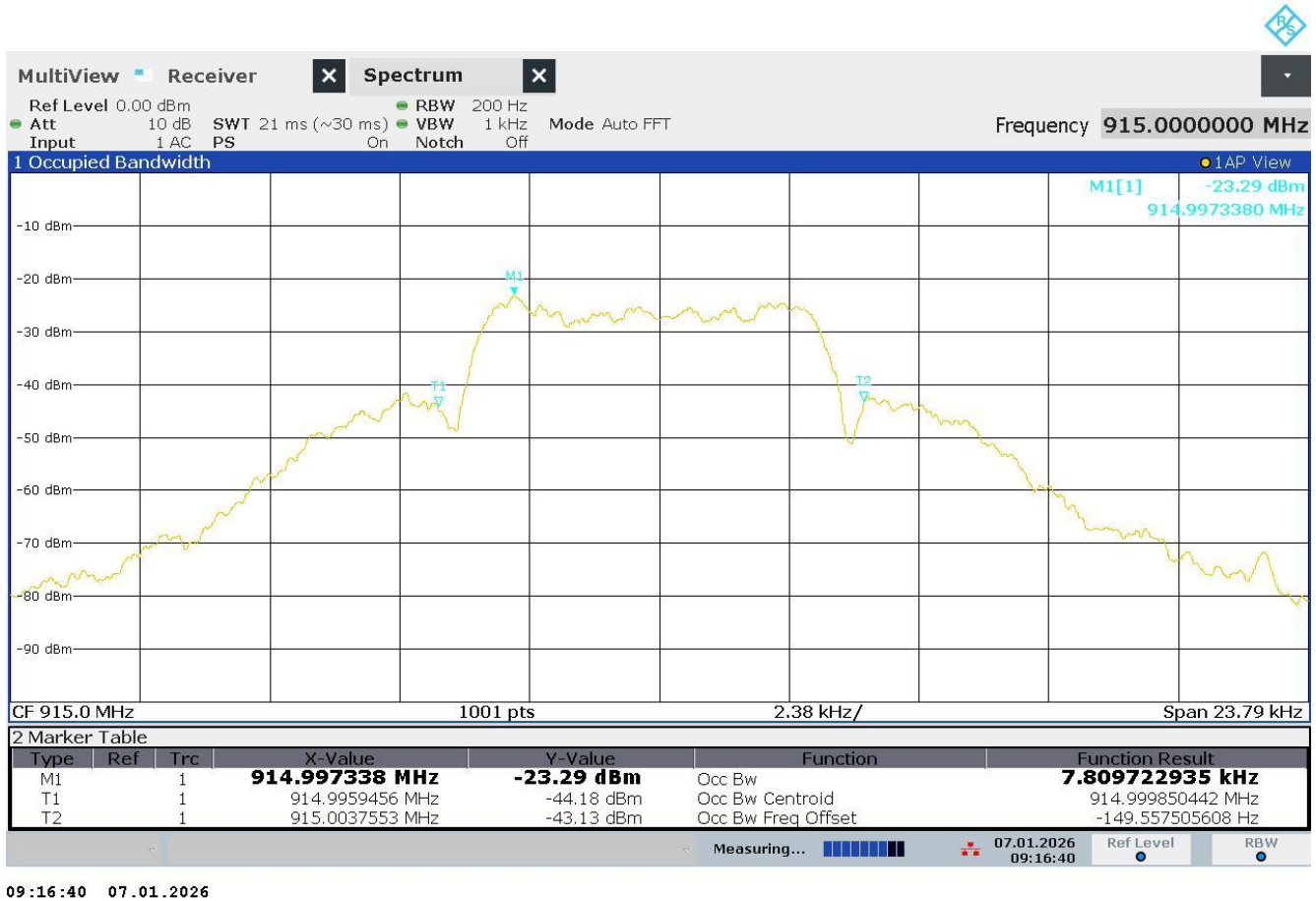
8.2.3 99% Occupied Bandwidth, 50 kbps, 927 MHz



8.2.4 99% Occupied Bandwidth, 6 kbps, 902.5 MHz



8.2.5 99% Occupied Bandwidth, 6 kbps, 915 MHz

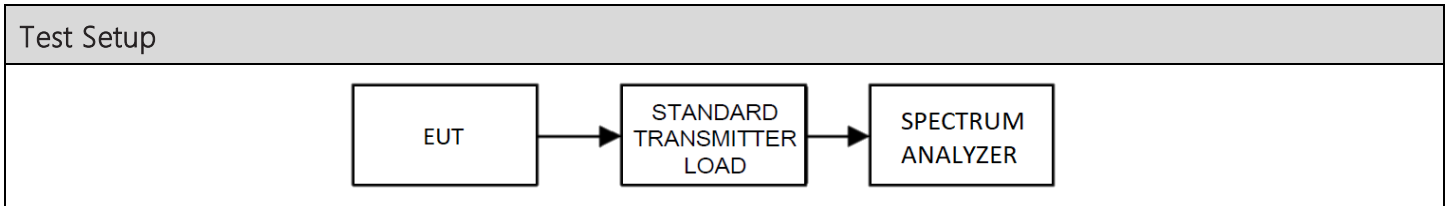


8.2.6 99% Occupied Bandwidth, 6 kbps, 927 MHz



8.3 20dB Bandwidth

Limits from FCC Part 15.247 (a)(1) – (2) as applicable, and test procedure from ANSI C63.10-2020 section 7.8 or 11.8 as applicable.



20dB Bandwidth Test Results

Test Results, Mode 1	
Tuned Frequency (MHz)	20dB Bandwidth (kHz)
902.5	58.24
915	58.57
927	58.56

20dB Bandwidth, Spectrum Plots

8.3.1 20 dB Bandwidth, 902.5 MHz



09:09:39 07.01.2026

8.3.2 20 dB Bandwidth, 915 MHz

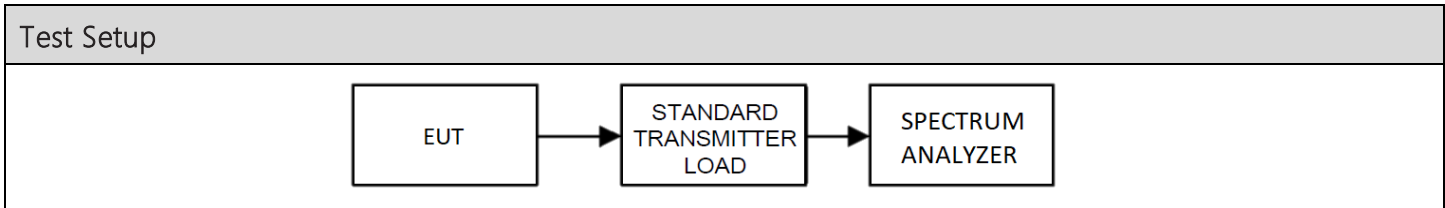


8.3.3 20 dB Bandwidth, 927 MHz



8.4 Hopping Characteristics

Limits from FCC 15.247(a)(1)(i) or 15.247 (f) as applicable, and test procedure from ANSI C63.10-2020 section 11.10



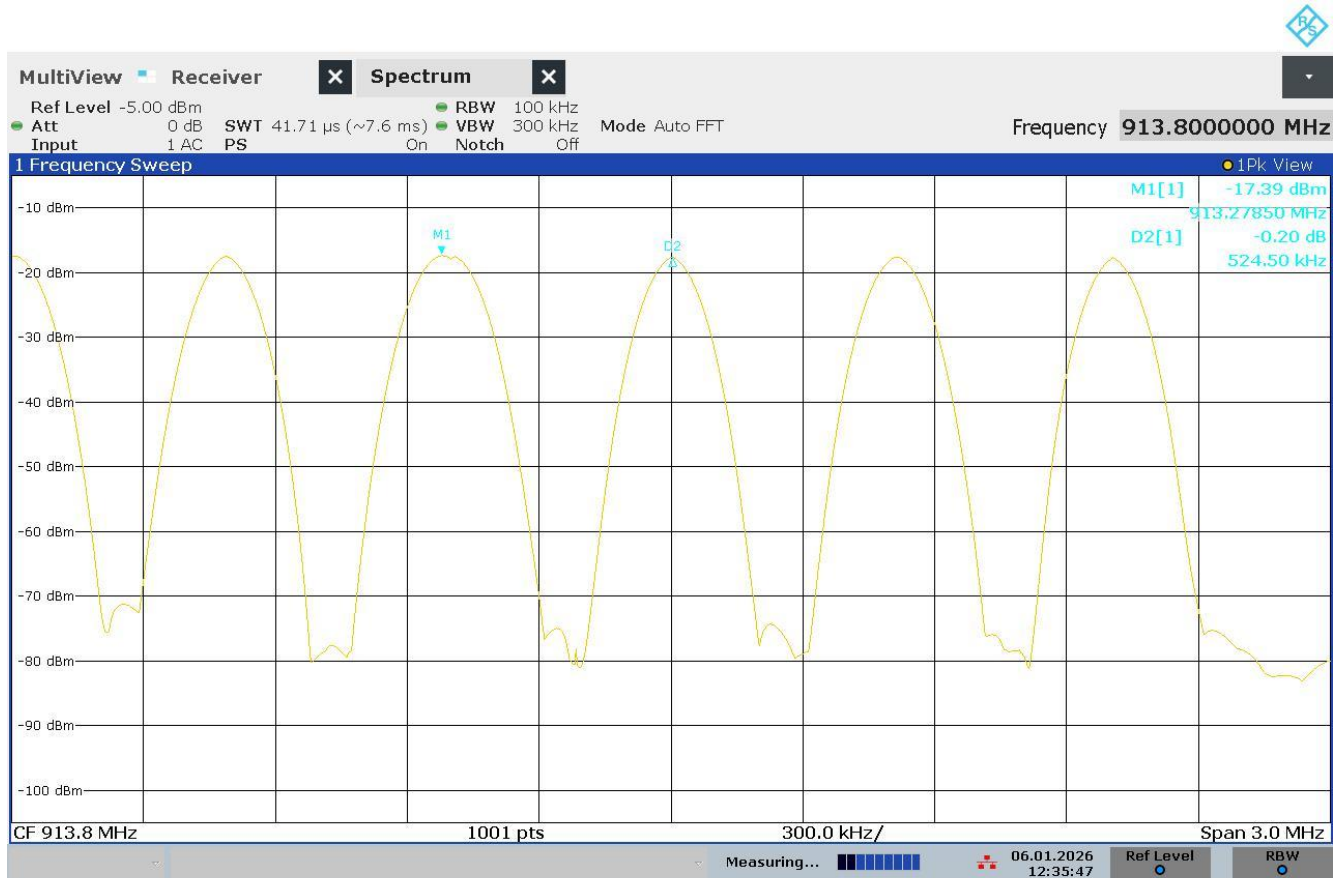
Test Results	
Carrier Frequency Separation	524.50 kHz
Number of Hopping Frequencies	50
Time of Occupancy	4.30 ms
Dwell Time in 10 s	361.2 ms

8.4.1 Hopping Channel Occupancy Time

Number of hops	Dwell Time (ms)	Total Occupancy Time (ms)	Limit (sec)	Pass / Fail
84	4.30	361.2	≤ 0.4	Pass

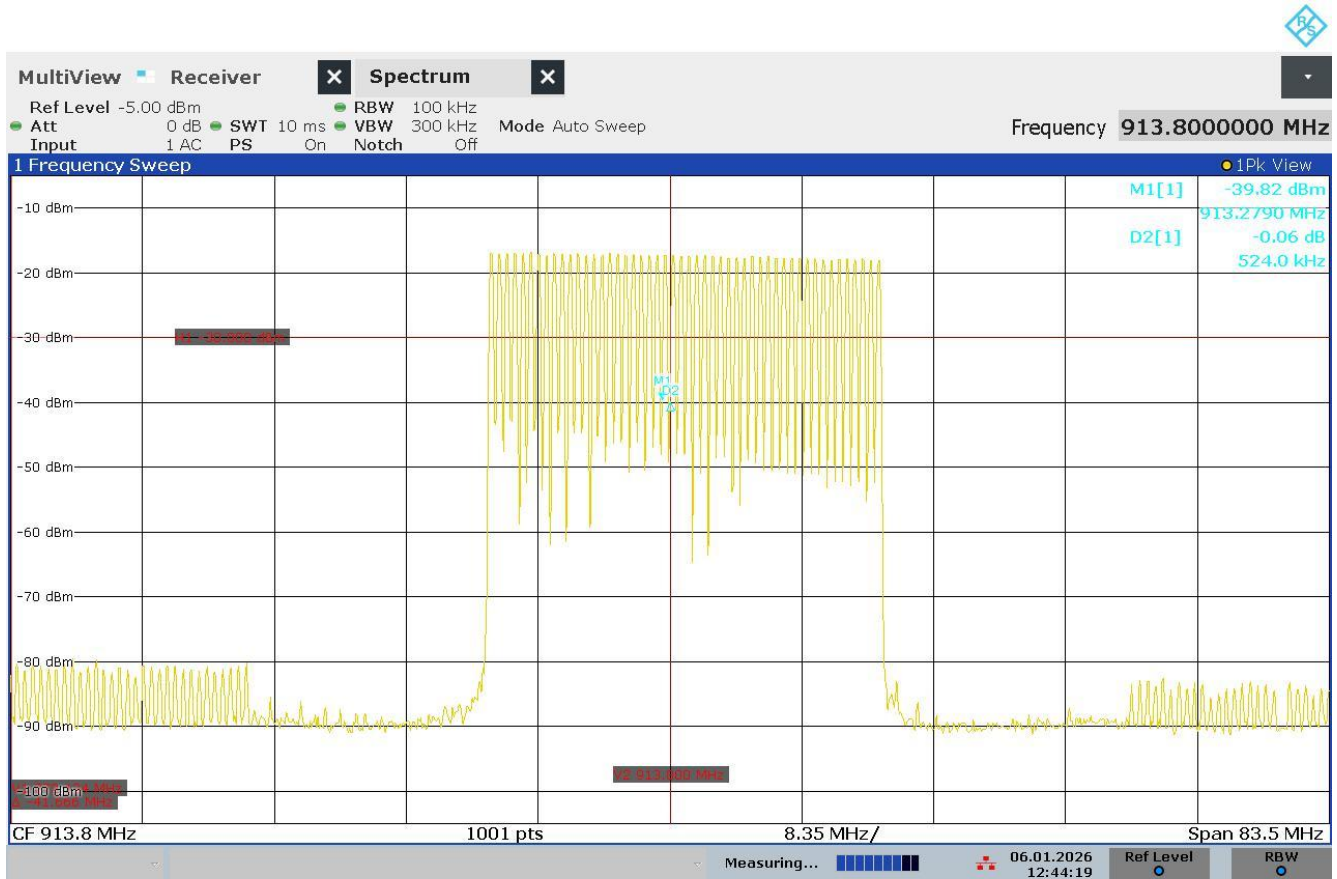
Hopping Characteristics, Spectrum Plots

8.4.2 Carrier Frequency Separation Plot



12:35:48 06.01.2026

8.4.3 Number of Hopping Frequencies Plot



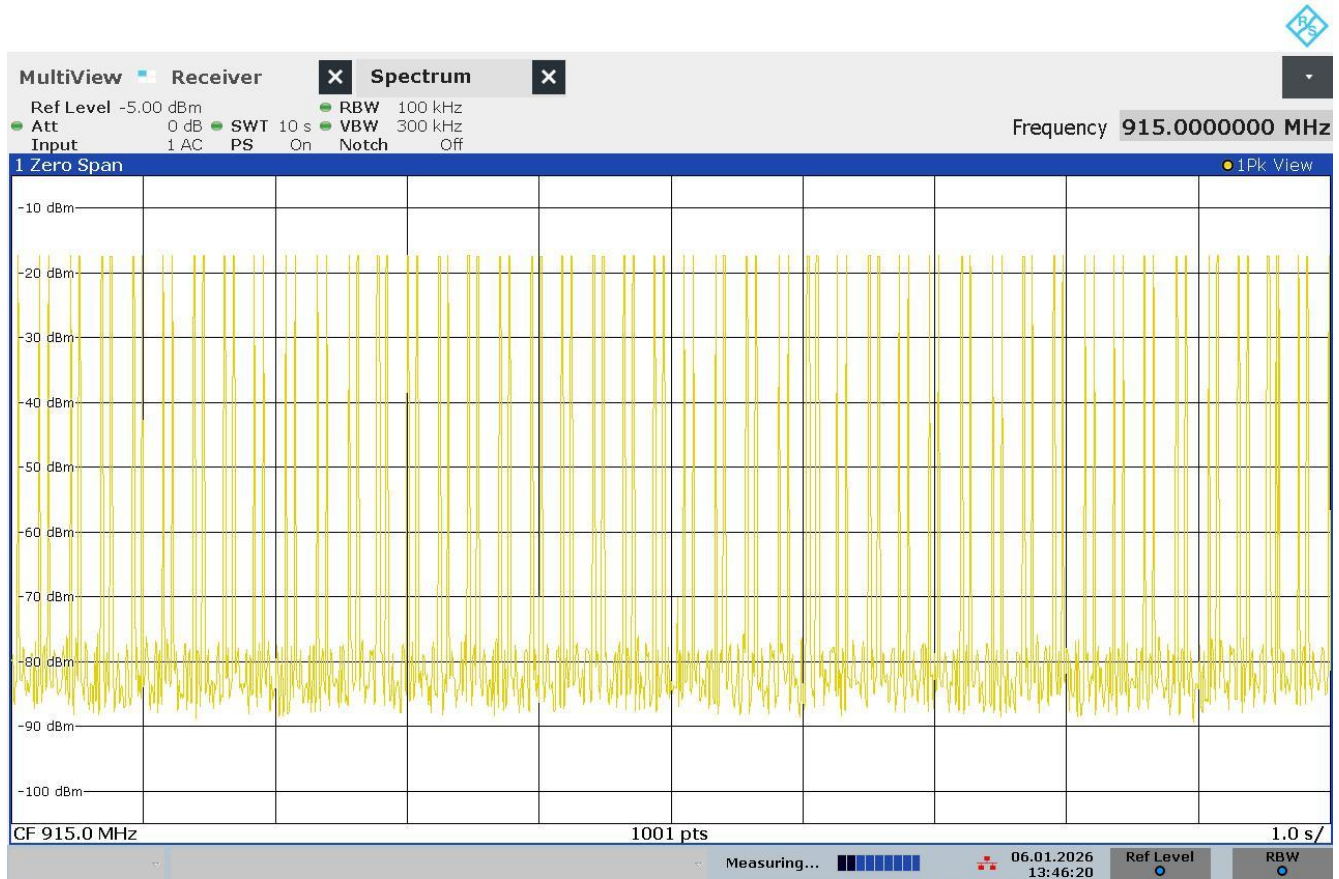
12:44:20 06.01.2026

8.4.4 Time of Occupancy Plot



13:52:38 06.01.2026

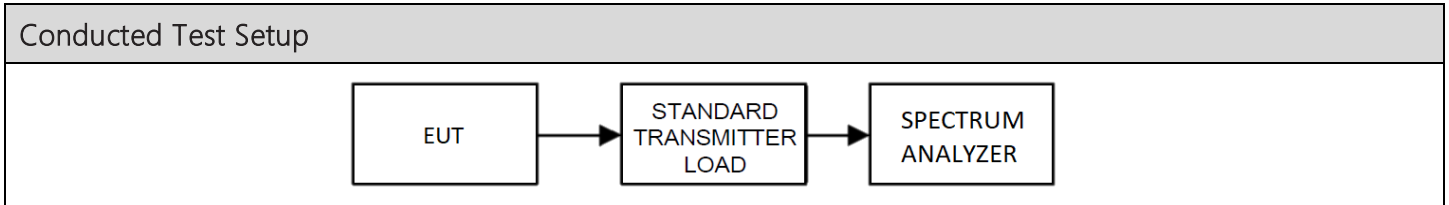
8.4.5 Hops in 10 s Plot



13:46:21 06.01.2026

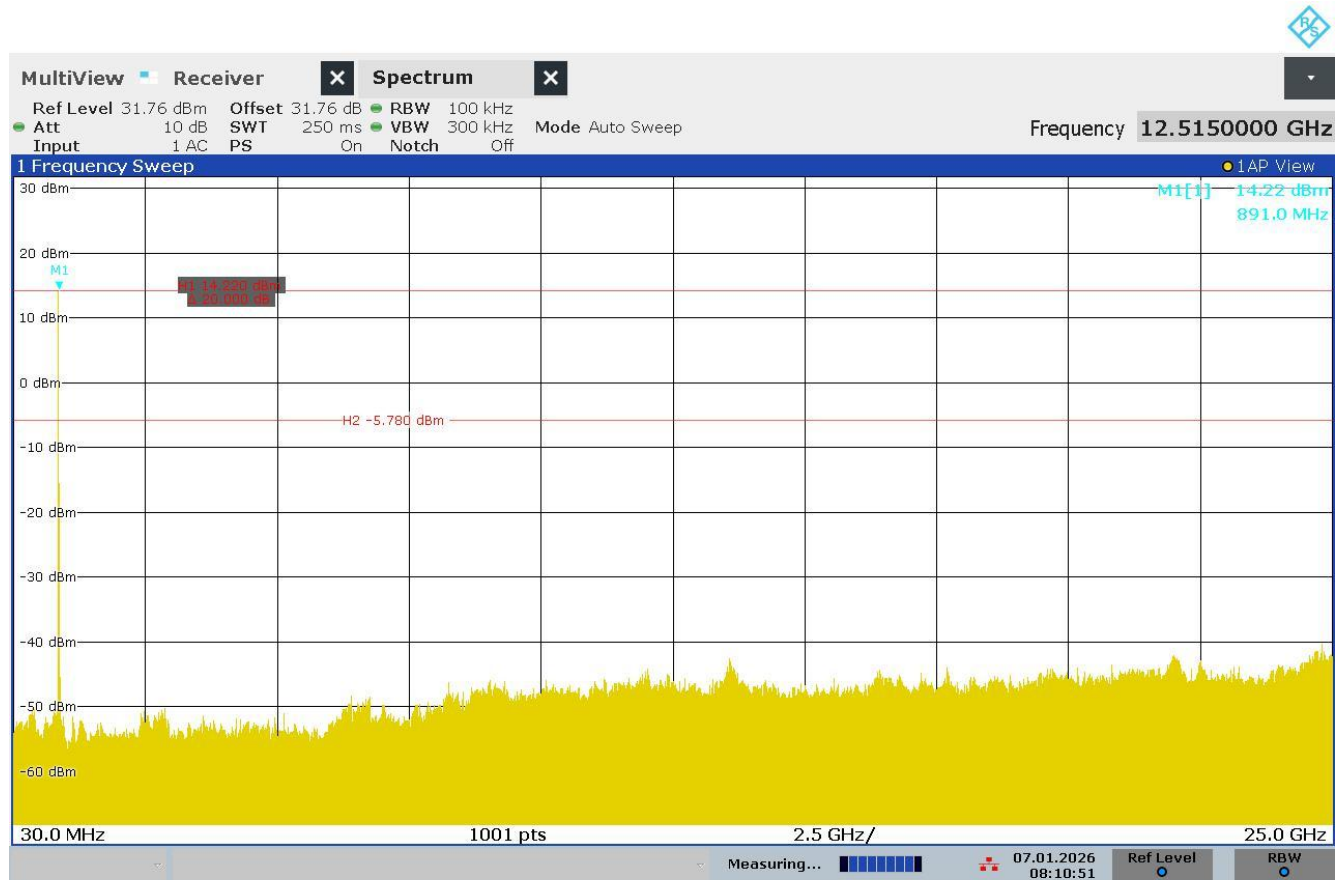
8.5 Emissions in Nonrestricted Frequency Bands (Out of Band)

Limits from FCC Part 15.247 (d) and 15.215 (b) and test procedure from ANSI C63.10-2020 section 7.8 or 11.11 as applicable.



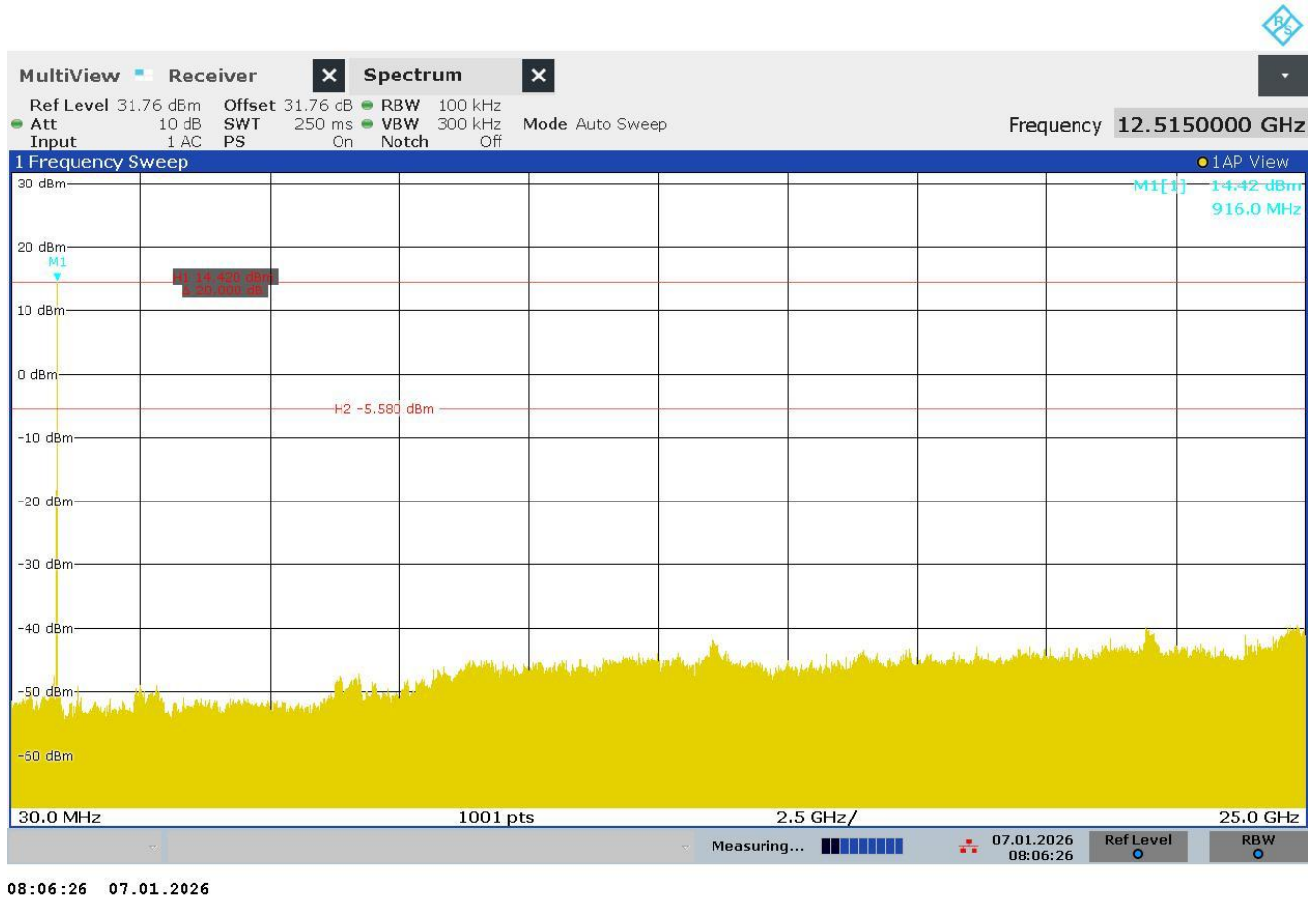
Conducted Emissions in Non-Restricted Bands, Spectrum Plots

8.5.1 Conducted Emissions Test Data, 902.5 MHz

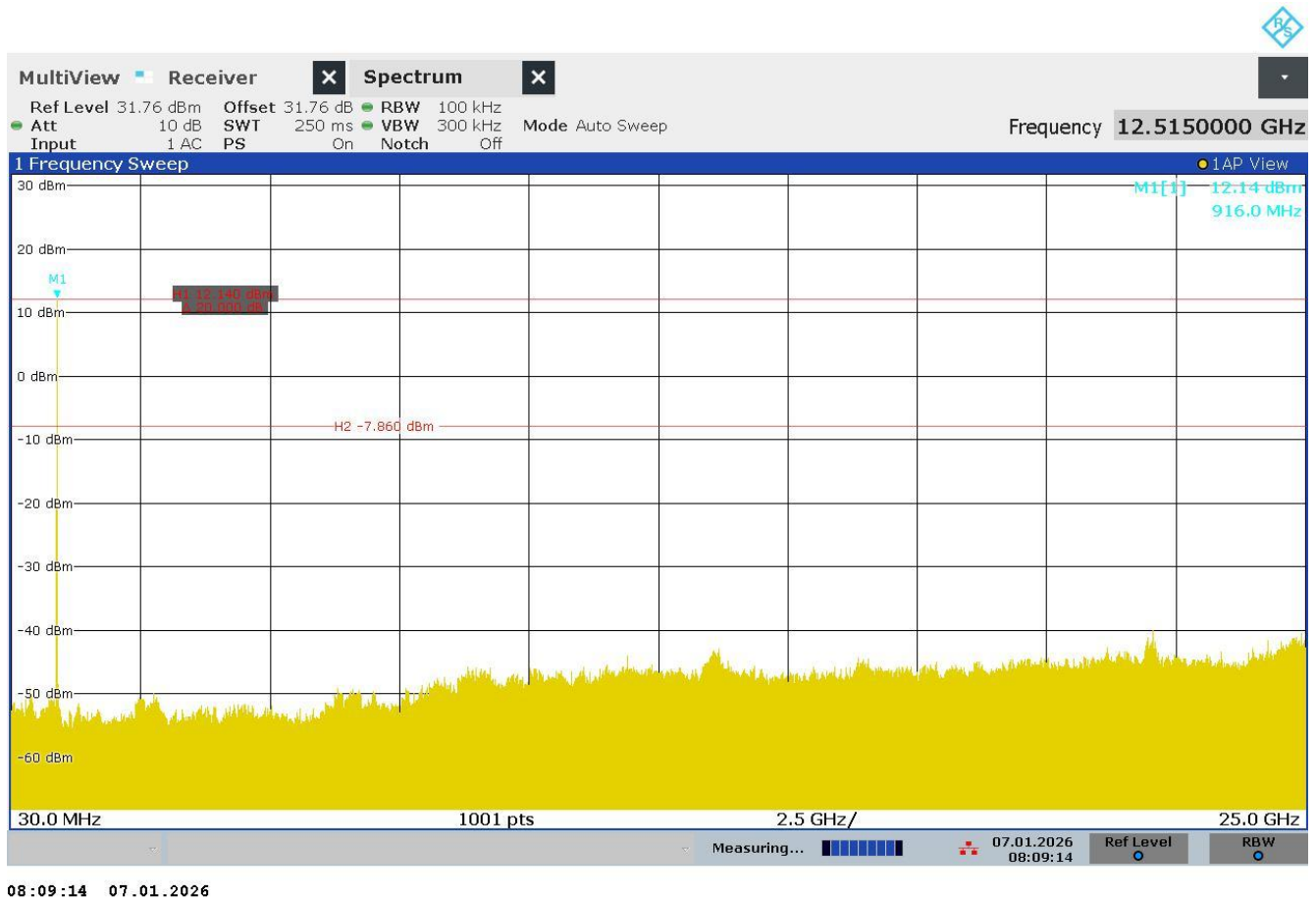


08:10:52 07.01.2026

8.5.2 Conducted Emissions Test Data, 915 MHz



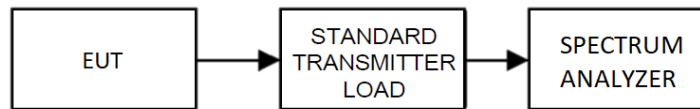
8.5.3 Conducted Emissions Test Data, 927 MHz



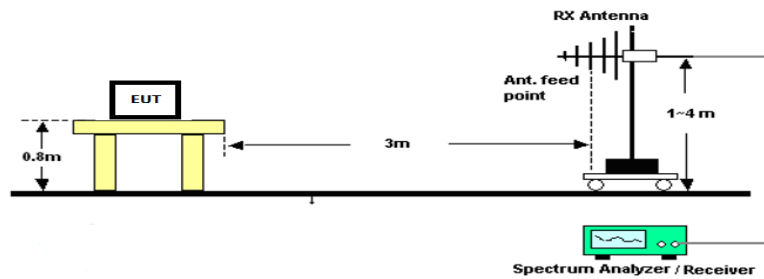
8.6 Band-edge measurements

Requirement from FCC KDB 558074 D01 and test procedure from ANSI C63.10-2020 section 7.8 or 11.13 as applicable.

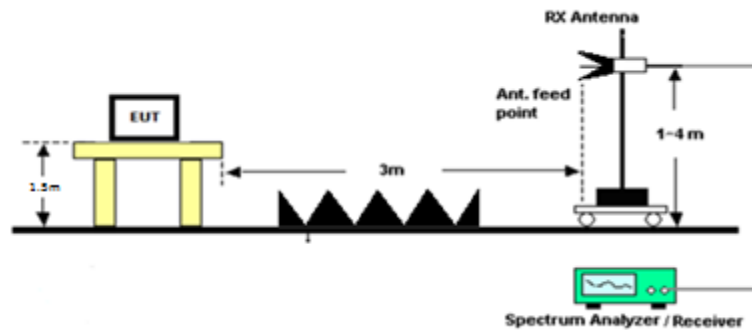
Conducted Test Setup



Radiated Test Setup, 30 – 1000 MHz

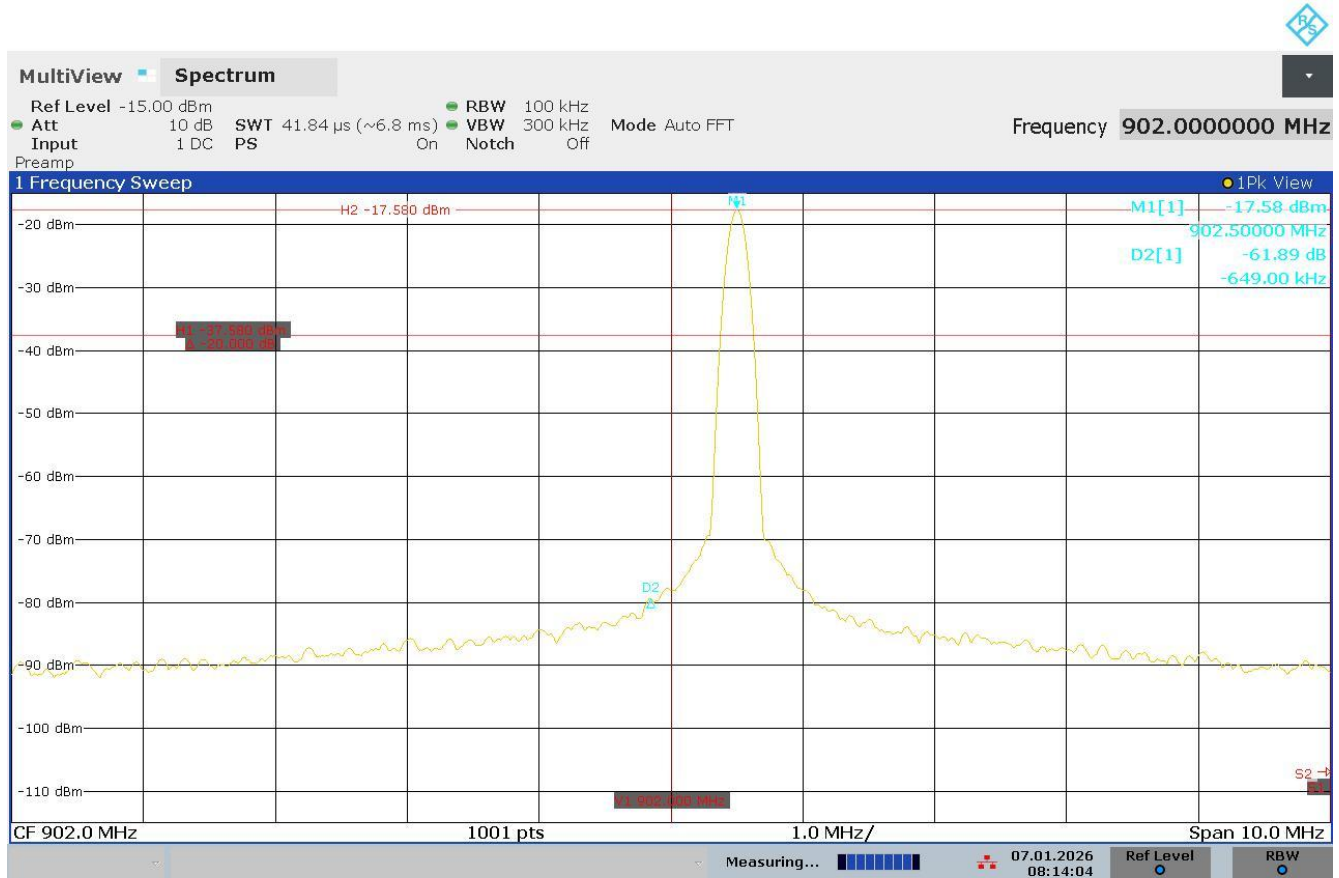


Radiated Test Setup, Above 1000 MHz



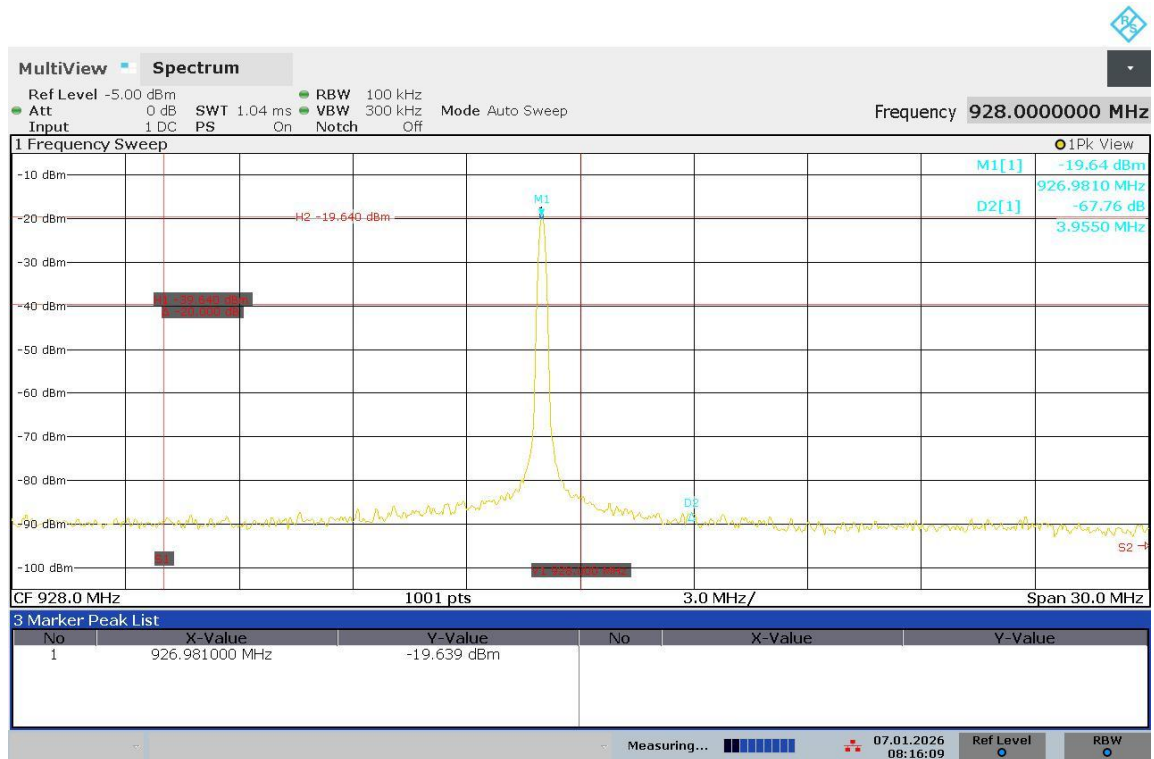
Band-edge Spectrum Plots

8.6.1 Lower Band Edge Plot, Stopped, 902.5 MHz



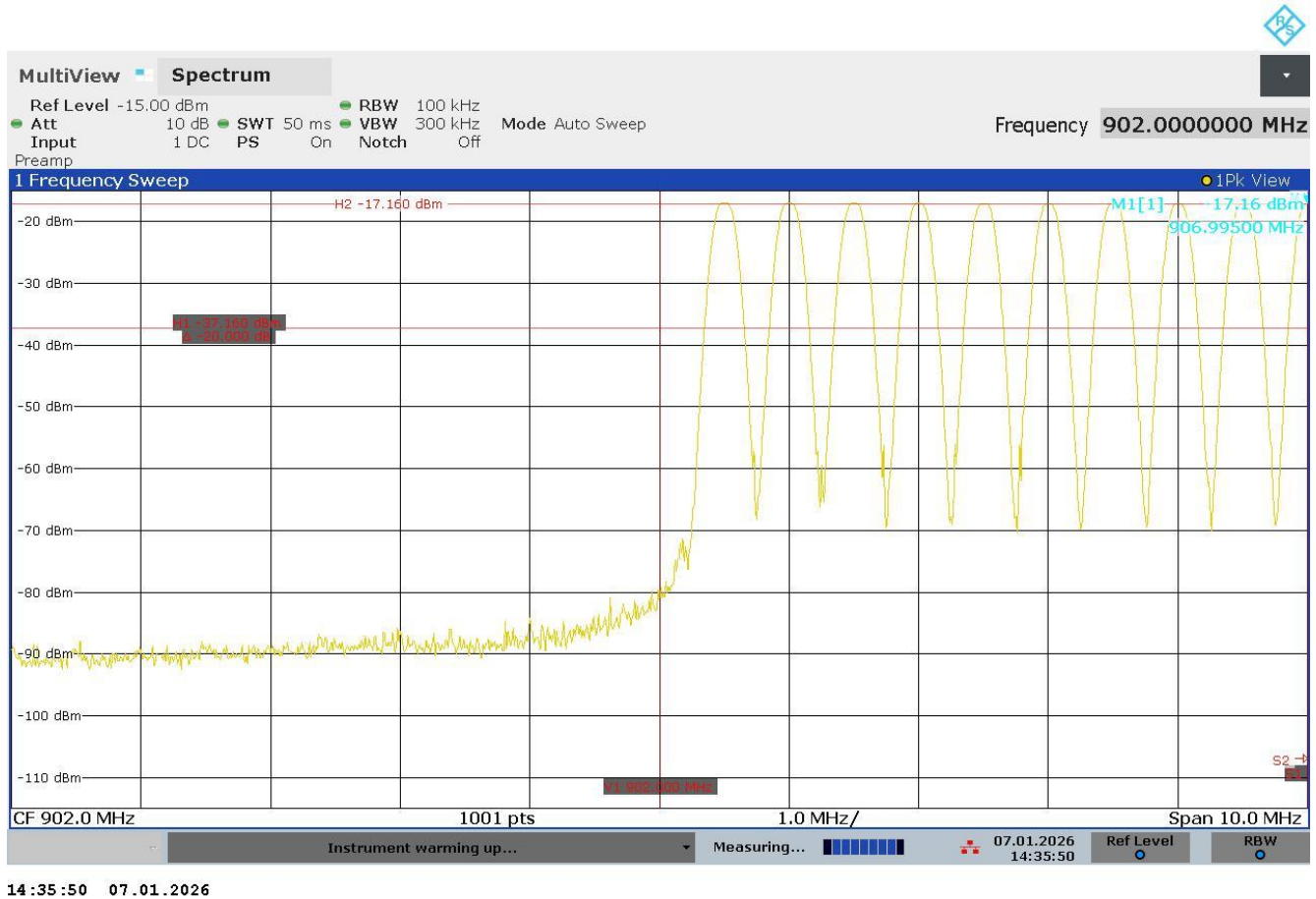
08:14:05 07.01.2026

8.6.2 Upper Band Edge Plot, Stopped, 927 MHz

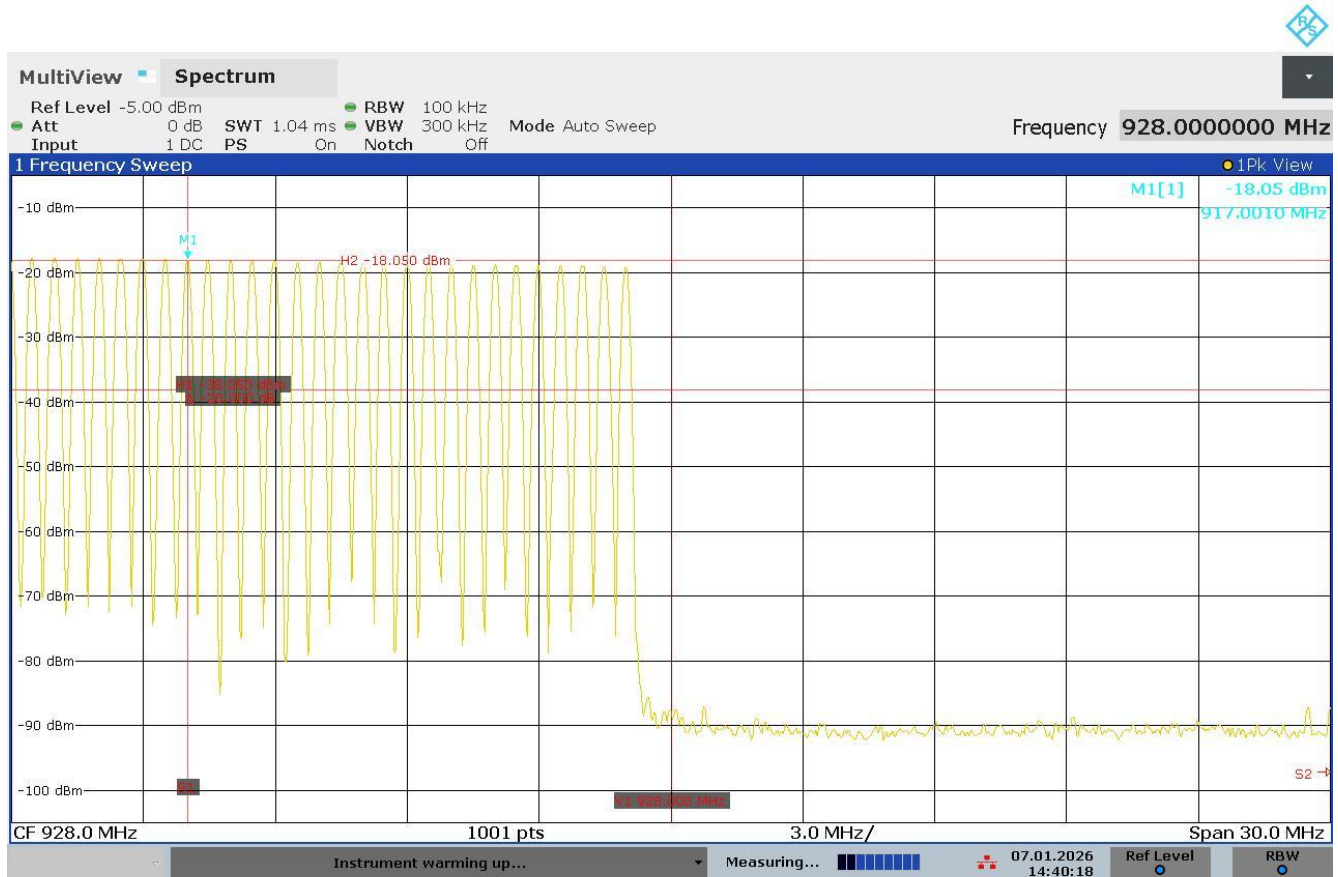


08:16:09 07.01.2026

8.6.3 Lower Band Edge Plot, Hopping, 902.5 MHz



8.6.4 Upper Band Edge Plot, Hopping, 927 MHz

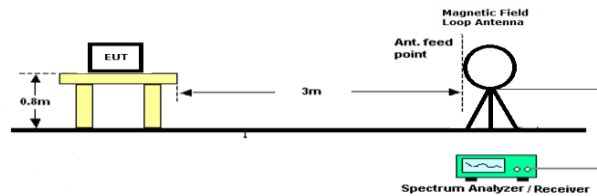


14:40:18 07.01.2026

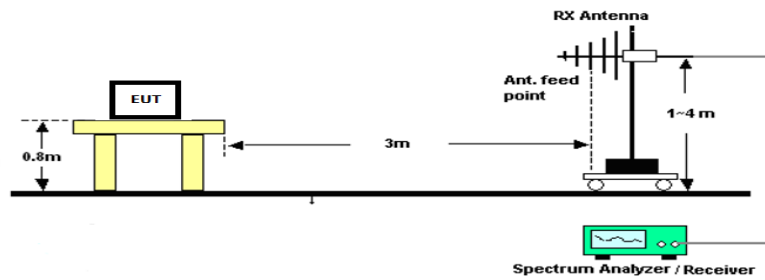
8.7 Radiated Emissions

Restricted Bands from FCC Part 15.205; Limits from FCC Part 15.209

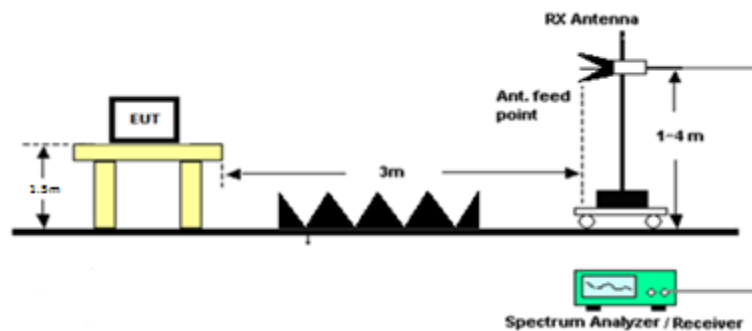
Radiated Test Setup, Below 30 MHz



Radiated Test Setup, 30 – 1000 MHz



Radiated Test Setup, Above 1000 MHz



Radiated Emissions in Restricted Bands, Tabular Data

8.7.1 Radiated Emissions, 902.5 MHz

Tuned Frequency (MHz)	Emission Frequency (MHz)	15.205 Restricted Band	15.205, 15.35, 15.247(d)	Meter Reading (dBuV)	Antenna Polarity	Coax Loss (dB)	Duty Cycle Correction (dB)	Antenna Correction Factor	Distance (m)	Field Strength (dBuV/m)	Limit (dBuV/m)	Margin (dB)
902.50	1805.00		PK	8.50	H	4.90	0.00	30.51	3.00	43.91	53.98	10.07
902.50	1805.00		PK	1.80	V	4.90	0.00	30.51	3.00	37.21	53.98	16.77
902.50	2707.50	X	PK	3.80	H	6.00	0.00	32.47	3.00	42.27	73.98	31.71
902.50	2707.50	X	PK	4.50	V	6.00	0.00	32.47	3.00	42.97	73.98	31.01
902.50	2707.50	X	AVG	-6.90	H	6.00	0.00	32.47	3.00	31.57	53.98	22.41
902.50	2707.50	X	AVG	-5.70	V	6.00	0.00	32.47	3.00	32.77	53.98	21.21
902.50	3610.00	X	PK	0.90	H	6.65	0.00	33.11	3.00	40.65	73.98	33.33
902.50	3610.00	X	PK	0.40	V	6.65	0.00	33.11	3.00	40.15	73.98	33.83
902.50	3610.00	X	AVG	-11.60	H	6.65	0.00	33.11	3.00	28.15	53.98	25.83
902.50	3610.00	X	AVG	-11.90	V	6.65	0.00	33.11	3.00	27.85	53.98	26.13
902.50	4512.50	X	PK	0.90	H	7.36	0.00	33.89	3.00	42.16	73.98	31.82
902.50	4512.50	X	PK	0.50	V	7.36	0.00	33.89	3.00	41.76	73.98	32.22
902.50	4512.50	X	AVG	-10.80	H	7.36	0.00	33.89	3.00	30.46	53.98	23.52
902.50	4512.50	X	AVG	-11.70	V	7.36	0.00	33.89	3.00	29.56	53.98	24.42
902.50	5415.00	X	PK	6.90	H	8.15	0.00	34.70	3.00	49.75	73.98	24.23
902.50	5415.00	X	PK	9.80	V	8.15	0.00	34.70	3.00	52.65	73.98	21.33
902.50	5415.00	X	AVG	3.60	H	8.15	0.00	34.70	3.00	46.45	53.98	7.53
902.50	5415.00	X	AVG	2.60	V	8.15	0.00	34.70	3.00	45.45	53.98	8.53
902.50	6317.50		PK	1.50	H	8.62	0.00	35.71	3.00	45.83	53.98	8.15
902.50	6317.50		PK	2.70	V	8.62	0.00	35.71	3.00	47.03	53.98	6.95
902.50	7220.00		PK	-1.70	H	9.53	0.00	36.35	3.00	44.18	53.98	9.80
902.50	7220.00		PK	0.50	V	9.53	0.00	36.35	3.00	46.38	53.98	7.60
902.50	8122.50	X	PK	-1.90	H	9.96	0.00	36.07	3.00	44.13	73.98	29.85
902.50	8122.50	X	PK	-1.60	V	9.96	0.00	36.07	3.00	44.43	73.98	29.55
902.50	8122.50	X	AVG	-14.40	H	9.96	0.00	36.07	3.00	31.63	53.98	22.35
902.50	8122.50	X	AVG	-13.10	V	9.96	0.00	36.07	3.00	32.93	53.98	21.05
902.50	9025.00	X	PK	-2.30	H	10.69	0.00	36.28	3.00	44.67	73.98	29.31
902.50	9025.00	X	PK	-2.10	V	10.69	0.00	36.28	3.00	44.87	73.98	29.11

8.7.2 Radiated Emissions, 915 MHz

Tuned Frequency (MHz)	Emission Frequency (MHz)	15.205 Restricted Band	15.205, 15.35, 15.247(d) Detector	Meter Reading (dBμV)	Antenna Polarity	Coax Loss (dB)	Duty Cycle Correction (dB)	Antenna Correction Factor (dB/m)	Distance (m)	Field Strength (dBμV/m)	Limit (dBμV/m)	Margin (dB)
915.00	1830.00		PK	5.10	H	4.94	0.00	30.90	3.00	40.94	53.98	13.04
915.00	1830.00		PK	6.20	V	4.94	0.00	30.90	3.00	42.04	53.98	11.94
915.00	2745.00	X	PK	3.70	H	6.08	0.00	32.50	3.00	42.28	73.98	31.70
915.00	2745.00	X	PK	5.80	V	6.08	0.00	32.50	3.00	44.38	73.98	29.60
915.00	2745.00	X	AVG	-5.60	H	6.08	0.00	32.50	3.00	32.98	53.98	21.00
915.00	2745.00	X	AVG	-6.80	V	6.08	0.00	32.50	3.00	31.78	53.98	22.20
915.00	3660.00	X	PK	1.40	H	6.62	0.00	33.21	3.00	41.23	73.98	32.75
915.00	3660.00	X	PK	2.50	V	6.62	0.00	33.21	3.00	42.33	73.98	31.65
915.00	3660.00	X	AVG	-10.50	H	6.62	0.00	33.21	3.00	29.33	53.98	24.65
915.00	3660.00	X	AVG	-10.40	V	6.62	0.00	33.21	3.00	29.43	53.98	24.55
915.00	4575.00	X	PK	2.00	H	7.53	0.00	34.04	3.00	43.56	73.98	30.42
915.00	4575.00	X	PK	4.40	V	7.53	0.00	34.04	3.00	45.96	73.98	28.02
915.00	4575.00	X	AVG	-7.80	H	7.53	0.00	34.04	3.00	33.76	53.98	20.22
915.00	4575.00	X	AVG	-9.10	V	7.53	0.00	34.04	3.00	32.46	53.98	21.52
915.00	5490.00		PK	5.60	H	8.07	0.00	34.69	3.00	48.37	53.98	5.61
915.00	5490.00		PK	4.40	V	8.07	0.00	34.69	3.00	47.17	53.98	6.81
915.00	6405.00		PK	-0.10	H	8.95	0.00	35.85	3.00	44.70	53.98	9.28
915.00	6405.00		PK	5.60	V	8.95	0.00	35.85	3.00	50.40	53.98	3.58
915.00	7320.00	X	PK	-2.30	H	9.61	0.00	36.43	3.00	43.73	73.98	30.25
915.00	7320.00	X	PK	-1.30	V	9.61	0.00	36.43	3.00	44.73	73.98	29.25
915.00	7320.00	X	AVG	-14.70	H	9.61	0.00	36.43	3.00	31.33	53.98	22.65
915.00	7320.00	X	AVG	-12.60	V	9.61	0.00	36.43	3.00	33.43	53.98	20.55
915.00	8235.00	X	PK	-1.00	H	10.00	0.00	36.04	3.00	45.04	73.98	28.94
915.00	8235.00	X	PK	-0.60	V	10.00	0.00	36.04	3.00	45.44	73.98	28.54
915.00	8235.00	X	AVG	-13.00	H	10.00	0.00	36.04	3.00	33.04	53.98	20.94
915.00	8235.00	X	AVG	-12.00	V	10.00	0.00	36.04	3.00	34.04	53.98	19.94
915.00	9150.00	X	PK	0.10	H	10.81	0.00	36.26	3.00	47.18	73.98	26.80
915.00	9150.00	X	PK	-0.50	V	10.81	0.00	36.26	3.00	46.58	73.98	27.40

8.7.3 Radiated Emissions, 927 MHz

Tuned Frequency (MHz)	Emission Frequency (MHz)	15.205 Restricted Band	15.205, 15.35, 15.247(d) Detector	Meter Reading (dBμV)	Antenna Polarity	Coax Loss (dB)	Duty Cycle Correction (dB)	Antenna Correction Factor (dB/m)	Distance (m)	Field Strength (dBμV/m)	Limit (dBμV/m)	Margin (dB)
927.00	1854.00		PK	6.20	H	4.98	0.00	31.17	3.00	42.35	53.98	11.63
927.00	1854.00		PK	4.70	V	4.98	0.00	31.17	3.00	40.85	53.98	13.13
927.00	2781.00	X	PK	4.00	H	6.15	0.00	32.53	3.00	42.68	73.98	31.30
927.00	2781.00	X	PK	6.30	V	6.15	0.00	32.53	3.00	44.98	73.98	29.00
927.00	2781.00	X	AVG	-2.50	H	6.15	0.00	32.53	3.00	36.18	53.98	17.80
927.00	2781.00	X	AVG	-6.00	V	6.15	0.00	32.53	3.00	32.68	53.98	21.30
927.00	3708.00	X	PK	3.90	H	6.57	0.00	33.18	3.00	43.65	73.98	30.33
927.00	3708.00	X	PK	5.90	V	6.57	0.00	33.18	3.00	45.65	73.98	28.33
927.00	3708.00	X	AVG	-9.20	H	6.57	0.00	33.18	3.00	30.55	53.98	23.43
927.00	3708.00	X	AVG	-10.40	V	6.57	0.00	33.18	3.00	29.35	53.98	24.63
927.00	4635.00	X	PK	6.30	H	7.52	0.00	34.10	3.00	47.92	73.98	26.06
927.00	4635.00	X	PK	4.10	V	7.52	0.00	34.10	3.00	45.72	73.98	28.26
927.00	4635.00	X	AVG	0.20	H	7.52	0.00	34.10	3.00	41.82	53.98	12.16
927.00	4635.00	X	AVG	-2.10	V	7.52	0.00	34.10	3.00	39.52	53.98	14.46
927.00	5562.00		PK	6.40	H	8.06	0.00	34.76	3.00	49.22	53.98	4.76
927.00	5562.00		PK	6.10	V	8.06	0.00	34.76	3.00	48.92	53.98	5.06
927.00	6489.00		PK	0.20	H	9.06	0.00	35.84	3.00	45.10	53.98	8.88
927.00	6489.00		PK	2.90	V	9.06	0.00	35.84	3.00	47.80	53.98	6.18
927.00	7416.00	X	PK	0.40	H	9.52	0.00	36.24	3.00	46.15	73.98	27.83
927.00	7416.00	X	PK	1.30	V	9.52	0.00	36.24	3.00	47.05	73.98	26.93
927.00	7416.00	X	AVG	-7.30	H	9.52	0.00	36.24	3.00	38.45	53.98	15.53
927.00	7416.00	X	AVG	-4.80	V	9.52	0.00	36.24	3.00	40.95	53.98	13.03
927.00	8343.00	X	PK	-1.70	H	10.15	0.00	36.02	3.00	44.47	73.98	29.51
927.00	8343.00	X	PK	-1.60	V	10.15	0.00	36.02	3.00	44.57	73.98	29.41
927.00	8343.00	X	AVG	-13.50	H	10.15	0.00	36.02	3.00	32.67	53.98	21.31
927.00	8343.00	X	AVG	-12.60	V	10.15	0.00	36.02	3.00	33.57	53.98	20.41
927.00	9270.00		PK	-0.80	H	10.86	0.00	36.24	3.00	46.30	53.98	7.68
927.00	9270.00		PK	2.20	V	10.86	0.00	36.24	3.00	49.30	53.98	4.68

9. ANNEX-B – Test Setup Photographs

Test setup photographs are located in a separate supplementary ANNEX-B document.

10. History of Test Report Changes

Test Report #	Revision #	Description	Date of Issue
TR_25276-25_3V1_FCC 15.247_	1	Initial release	1/8/2026

END OF TEST REPORT