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Test Report

Prepared for: Inovonics

Address: 11000 Westmoor Circle
Building 10, Suite 250
Westminster, CO 80021

Product: EN 12XX (UMA hybrid)

Test Report No: R20241011-71-E2G **Rev: G**

Approved by:

Blake Winter,
EMC Test Engineer

DATE: 18 August 2025

Total Pages: 34

REVISION PAGE

Rev. No.	Date	Description
0	15 April 2025	Issued by BWinter Reviewed by Flane
A	21 April 2025	Revision A – BWinter 1. Update Uncertainty Values.
B	30 April 2025	Typo fixes, limit corrections – FL
C	17 May 2025	Revision C – BWinter 1. Add statement that band edge measurements are worst-case. 2. Correct stated C63.10 method for peak power.
D	18 June 2025	Revision D – BWinter 1. Correct typographical errors on somePeak Power Plots' titles to remove Conducted Power and add Field Strength.
E	30 July 2025	Revision E – BWinter 1. Measure Conducted Power. 2. Change tables to have Conducted Power instead of EIRP.
F	7 August 2025	Revision F – BWinter 1. Add measurement at 966MHz to table on page 17. 2. Correct transcription errors in table on page 10.
G	18 August 2025	Revision G – BWinter 1. Change PSD from EIRP to conducted.

CONTENTS

1.0 SUMMARY OF TEST RESULTS

The EUT has been tested according to the following specifications:

(1) US Code of Federal Regulations, Title 47, Part 15
(2) ISED RSS-Gen, Issue 5
(3) ISED RSS-247, Issue 3

SUMMARY			
Standard Section	**Test Type and Limit**	**Result**	**Remark**
FCC 15.203	Unique Antenna Requirement	Pass	PCB antenna
FCC 15.35 RSS-Gen, 6.10	Duty cycle	Pass	Pulsed emissions duty cycle was applied
FCC 15.209 RSS-Gen, 7.3	Receiver Radiated Emissions	Pass	Meets the requirement of the limit.
FCC 15.247(a)(2) RSS-247, 5.2	Bandwidth	Pass	Meets the requirement of the limit.
FCC 15.247(e) RSS-247, 5.2	Power Spectral Density	Pass	Meets the requirement of the limit.
FCC 15.209 RSS-247, 5.5	Transmitter Radiated Emissions	Pass	Meets the requirement of the limit.
FCC 15.247(f) RSS-247, 5.3	Average Time of Occupancy on each channel <0.4s	Pass	Meets the requirement of the limit.
FCC 15.209, 15.205,15.247(d) RSS-247, 5.5	Band Edge Measurement	Pass	Meets the requirement of the limit.
FCC 15.207 RSS-Gen. 8.8	Conducted AC Emissions	NA	Not Applicable: Unit is never connected to AC Mains

2.0 EUT DESCRIPTION

2.1 EQUIPMENT UNDER TEST

EUT	EN 12XX
EUT Received	1/29/2025
EUT Tested	2/14/2025- 7/28/2025
Serial No./ Tx ID	Radiated 200230; Conducted 200258 (NCEE assigned serial number)
Operating Band	902.0 – 928.0 MHz
Device Type	Hybrid
Power Supply	Disposable Battery

NOTE: For more detailed features description, please refer to the manufacturer's specifications or user's manual.

For Radiated Emissions measurements and peak power, the EUT was set to operate at the selected frequency in Continuous Wave mode with the laptop disconnected.

For Band Edge measurements and Radio Measurements, the EUT was set to operate at the selected frequency with modulation, but the laptop was connected to the EUT.

2.2 DESCRIPTION OF TEST MODES

The EUT operates on, and was tested at the frequencies below:

Channel	Frequency
Low	902.73
Middle	914.28
High	927.28

These are the only three representative channels tested in the frequency range according to FCC Part 15.31 and RSS-Gen Table A1. See the operational description for a list of all channel frequency and designations.

EUT was modified to transmit at the highest practical duty cycle on the lowest, highest and one channel in the middle that was used for all RF tests.

2.3 DESCRIPTION OF SUPPORT UNITS

N/A

3.0 LABORATORY DESCRIPTION

3.1 LABORATORY DESCRIPTION

All testing was performed at the following Facility:

The Nebraska Center for Excellence in Electronics (NCEE Labs)
4740 Discovery Drive
Lincoln, NE 68521

A2LA Certificate Number:	1953.01
FCC Accredited Test Site Designation No:	US1060
Industry Canada Test Site Registration No:	4294A
CAB MRA Recognition Identification No:	US0177

Environmental conditions varied slightly throughout the tests.

3.2 TEST PERSONNEL

No.	PERSONNEL	TITLE	ROLE
1	Fox Lane	EMC Test Engineer	Review
2	Blake Winter	EMC Test Engineer	Testing and Report

Notes:
All personnel are permanent staff members of NCEE Labs. No testing or review was sub-contracted or performed by sub-contracted personnel.

3.3 TEST EQUIPMENT

DESCRIPTION AND MANUFACTURER	MODEL NO.	SERIAL NO.	LAST CALIBRATION DATE	CALIBRATION DUE DATE
Keysight MXE Signal Analyzer (26.5GHz)	N9038A	MY56400083	July 17, 2024	July 17, 2026
Keysight MXE Signal Analyzer (44GHz)	N9038A	MY59050109	July 14, 2025	July 14, 2026
SunAR RF Motion***	JB1	A091418	May 16, 2024	May 16, 2025
ETS-Lindgren Horn Antenna	3117	29616	May 16, 2024	May 16, 2025
ETS EMCO Preamp*	3115-PA	00218576	January 22, 2024	January 22, 2026
Trilithic High Pass Filter*	6HC330	23042	June 5, 2023	June 5, 2025
MiniCircuits High Pass Filter*	VHF-1320+	15542	June 5, 2023	June 5, 2025
ETS – Lindgren- VSWR on 10m Chamber	10m Semi-anechoic chamber-VSWR	4740 Discovery Drive	May 7, 2024	May 7, 2027
NCEE Labs-NSA on 10m Chamber	10m Semi-anechoic chamber-NSA	NCEE-001	June 18, 2024	June 18, 2026
TDK Emissions Lab Software	V11.25	700307	NA	NA
RF Cable (preamplifier to antenna)*	MFR-57500	01-07-002	June 5, 2023	June 5, 2025
RF Cable (antenna to 10m chamber bulkhead)*	FSCM 64639	01E3872	June 5, 2023	June 5, 2025
RF Cable (10m chamber bulkhead to control room bulkhead)*	FSCM 64639	01E3864	June 5, 2023	June 5, 2025
RF Cable (control room bulkhead to test receiver)*	FSCM 64639	01F1206	June 5, 2023	June 5, 2025
N connector bulkhead (10m chamber)*	PE9128	NCEEBH1	June 5, 2023	June 5, 2025
N connector bulkhead (control room)*	PE9128	NCEEBH2	June 5, 2023	June 5, 2025

*Internal characterization

Notes:

All equipment is owned by NCEE Labs and stored permanently at NCEE Labs facilities. All equipment were in Cal during testing. However, latest calibration dates were provided.

3.4 GENERAL TEST PROCEDURE AND SETUP FOR RADIO MEASUREMENTS

Measurement type presented in this report (Please see the checked box below):

Conducted ☒

The conducted measurements were performed by connecting the output of the transmitter directly into a spectrum analyzer using an impedance matched cable and connector soldered to the EUT in place of the antenna. The information regarding resolution bandwidth, video bandwidth, span and the detector used can be found in the graphs provided in the Appendix C. All the radio measurements were performed using the sections from ANSI C63.10, details about the section used can be found in the spectrum analyzer titles on the graph.

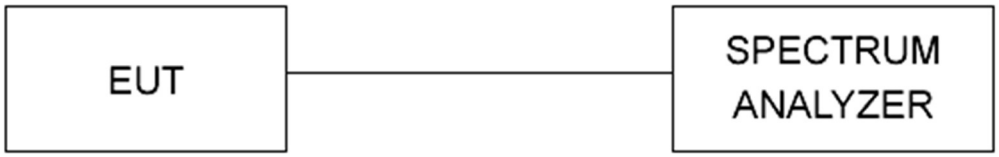

Figure 1 - Bandwidth Measurements Test Setup

Radiated ☒

All the radiated measurements were taken at a distance of 3m from the EUT. The information regarding resolution bandwidth, video bandwidth, span and the detector used can be found in the graphs provided in the Appendix C. All the radio measurements were performed using the sections from ANSI C63.10, details about the section used can be found in the spectrum analyzer titles on the graph.

4.0 DETAILED RESULTS

DTS Radiated Radio Measurements									
CHANNEL	Transmitter	99% Occupied Bandwidth (MHz)	6 dB Bandwidth (kHz)	PEAK Conducted Power (dBm)	PEAK Power (mW)	PSD (dBm)	RESULT		Time of Occupancy*
									11.5 ms
Low	Continuous	1.071	681.2	19.83	96.16	3.28	PASS	No. of Hopping Channels	Duty Cycle Correction (Emissions)
Mid	Continuous	1.070	680.5	19.64	92.04	2.96	PASS		
High	Continuous	1.071	679.8	19.43	87.70	2.74	PASS	18	-30.8 dB
Occupied Bandwidth = N/A; 6 dB Bandwidth Limit BW >= 500 kHz.				Peak Output Power Limit = 30 dBm. Corrections can be found in Appendix C. PSD limit = 8dBm.					
				*Time of Occupancy<0.4 S in 7.2 S (18 hopping channels * 0.4S)					

Unrestricted Band-Edge**							
CHANNEL	Mode	Band edge /Measurement Frequency (MHz)	Relative Highest out of band level (dBuV/m)	Relative Funda-mental (dBuV/m)	Delta (dB)	Min Delta (dB)	Result
Low	Continuous	902.0	87.54	116.44	28.9	20	PASS
High	Continuous	928.0	89.69	117.70	28.01	20	PASS
**Worst-case band edge measurement is shown (non-hopping).							

Peak Restricted Band-Edge**							
CHANNEL	Mode	Band edge /Measurement Frequency (MHz)	Highest out of band level (dBuV/m @ 3m)***	Measure-ment Type	Limit (dBuV/m @ 3m)	Margin	Result
Low	Continuous	613.30	32.38	Radiated	46.02	13.64	PASS
High	Continuous	966.04	52.99	Radiated	53.98	0.99	PASS
**Worst-case band edge measurement is shown (non-hopping). ***detector used was peak and compared to Quasi-peak limit from FCC Part 15.209 to show compliance.							

4.1 DUTY CYCLE

Manufacturer declared that dwell time per 100ms is 2.885ms, so the duty cycle correction factor is 20*log10(.002885/0.1) = -30.8dB.

4.2 RADIATED EMISSIONS

Test Method: ANSI C63.10-2020, Section 6.5, 6.6

Limits for radiated emissions measurements:
Emissions radiated outside of the specified bands shall be applied to the limits in 15.209 as followed:

FREQUENCIES (MHz)	FIELD STRENGTH (μV/m)	MEASUREMENT DISTANCE (m)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	3
30-88	100	3
88-216	150	3
216-960	200	3
Above 960	500	3

NOTE:
1. The lower limit shall apply at the transition frequencies.
2. Emission level (dBuV/m) = 20 * log * Emission level (μV/m).
3. As shown in 15.35(b), for frequencies above 1000MHz, the field strength limits are based on average detector, however, the peak field strength of any emission shall not exceed the maximum permitted average limits by more than 20dB under any condition of modulation.

Test procedures:

a. The EUT was placed on the top of a rotating table above the ground plane in a 10-meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation. The table was 0.8m high for measurements form 30MHz-1GHz and 1.5m for measurements from 1GHz to 10 GHz.

b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.

c. The antenna was a broadband antenna, and its height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are used to make the measurement.

d. For each suspected emission, the EUT was arranged to maximize its emissions and then the antenna height was varied from 1 meter to 4 meters and the rotating table was turned from 0 degrees to 360 degrees to find the maximum emission reading.

e. The test-receiver system was set to use a peak detector with a specified resolution bandwidth. For spectrum analyzer measurements, the composite maximum of several analyzer sweeps was used for final measurements.

f. If the emission level of the EUT in peak mode was 6dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise, the emissions that did not have 6 dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.

g. The EUT was maximized in all 3 orthogonal positions. The results are presented for the axis that had the highest emissions.

NOTE:
1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120kHz for Peak detection (PK) and Quasi-peak detection (QP) at frequencies below 1GHz.

2. The resolution bandwidth 1 MHz for all measurements and at frequencies above 1GHz, A peak detector was used for all measurements above 1GHz. Measurements were made with an EMI Receiver.

Deviations from test standard:
No deviation.

Test setup:

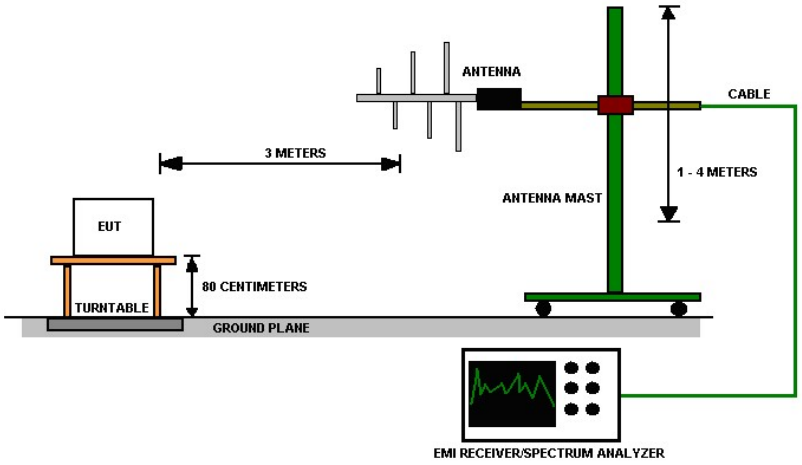

Figure 2 - Radiated Emissions Test Setup, 30MHz to 1GHz

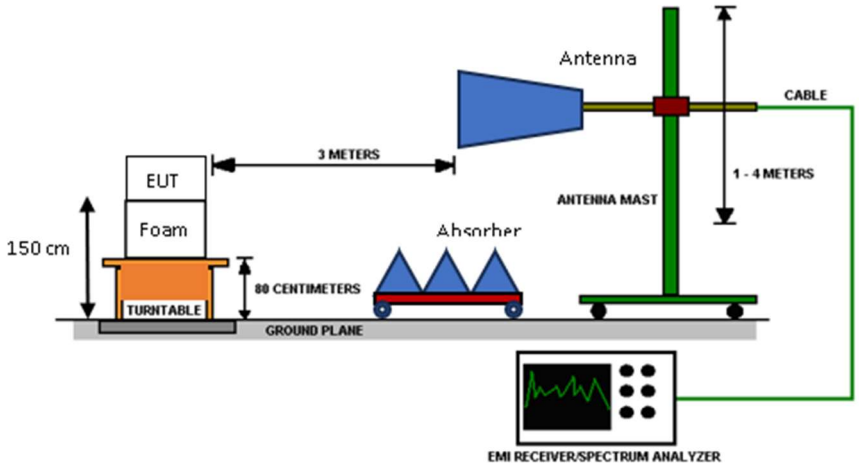

Figure 3 - Radiated Emissions Test Setup, 1GHz – 18GHz

Test results:

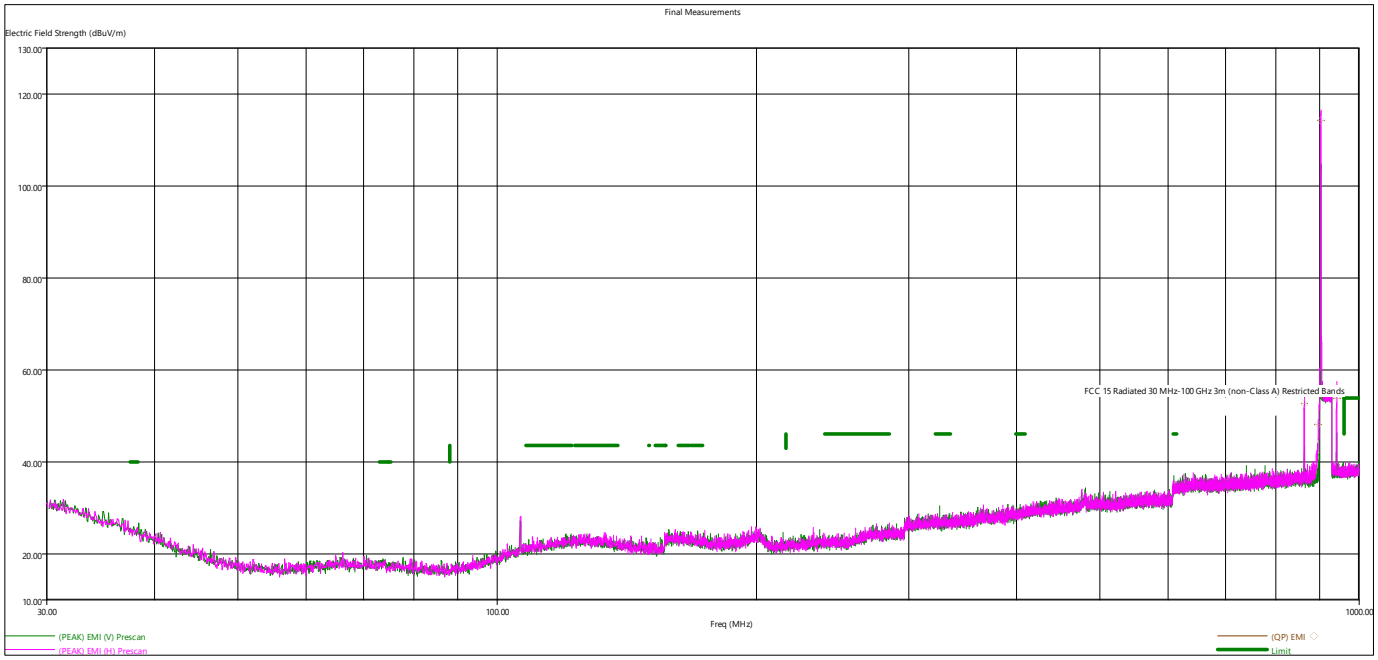

Figure 4 - Radiated Emissions Plot, Low Channel, 30 MHz-1GHz

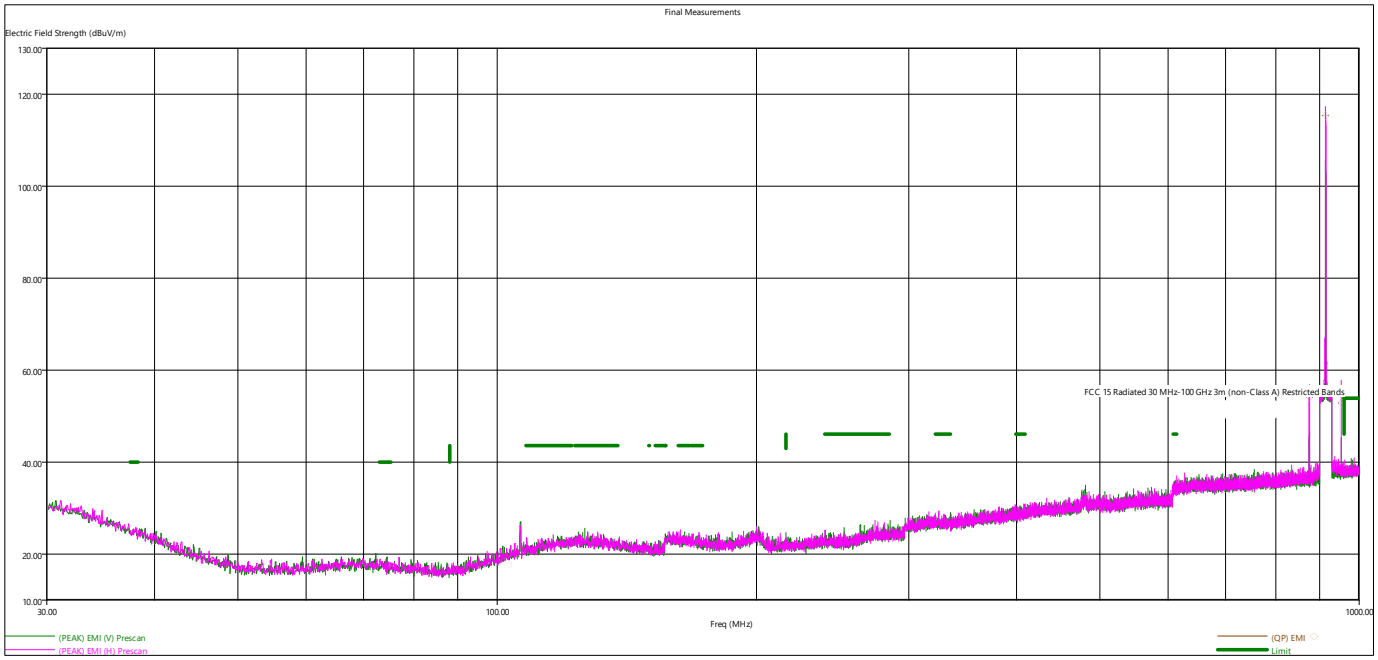

Figure 5 - Radiated Emissions Plot, Mid Channel, 30 MHz-1GHz

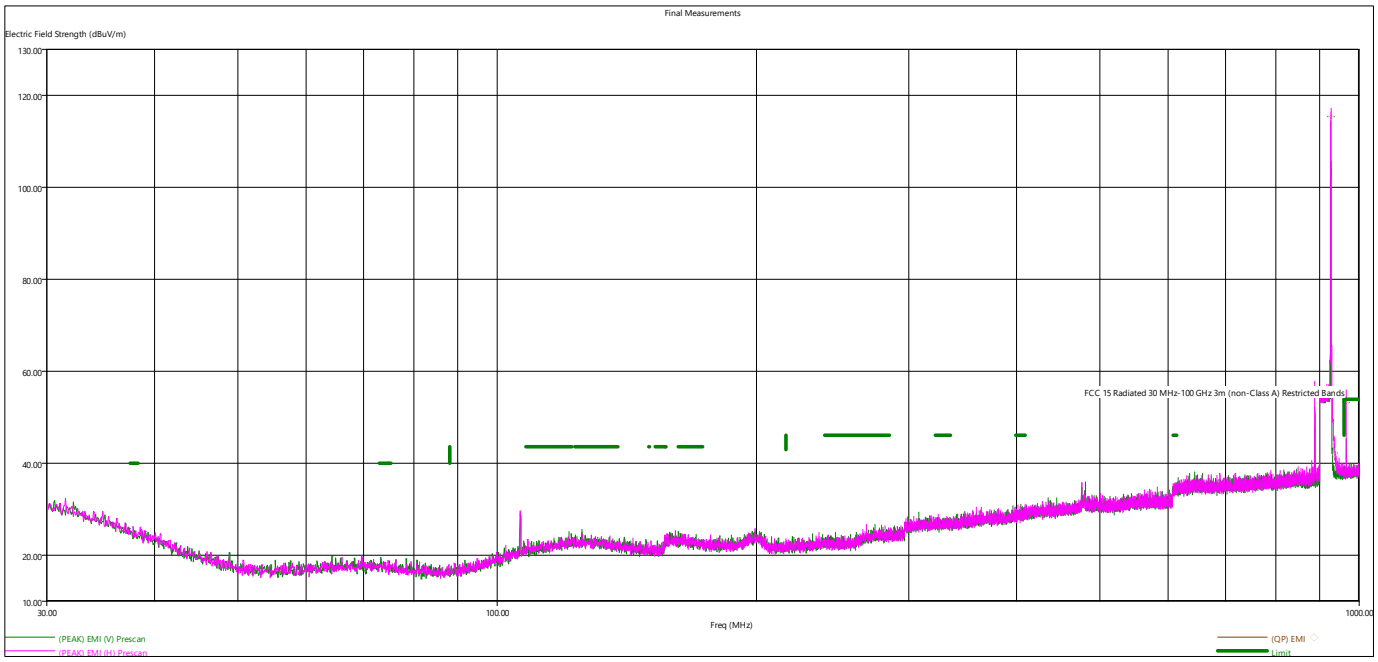

Figure 6 - Radiated Emissions Plot, High Channel, 30 MHz-1GHz

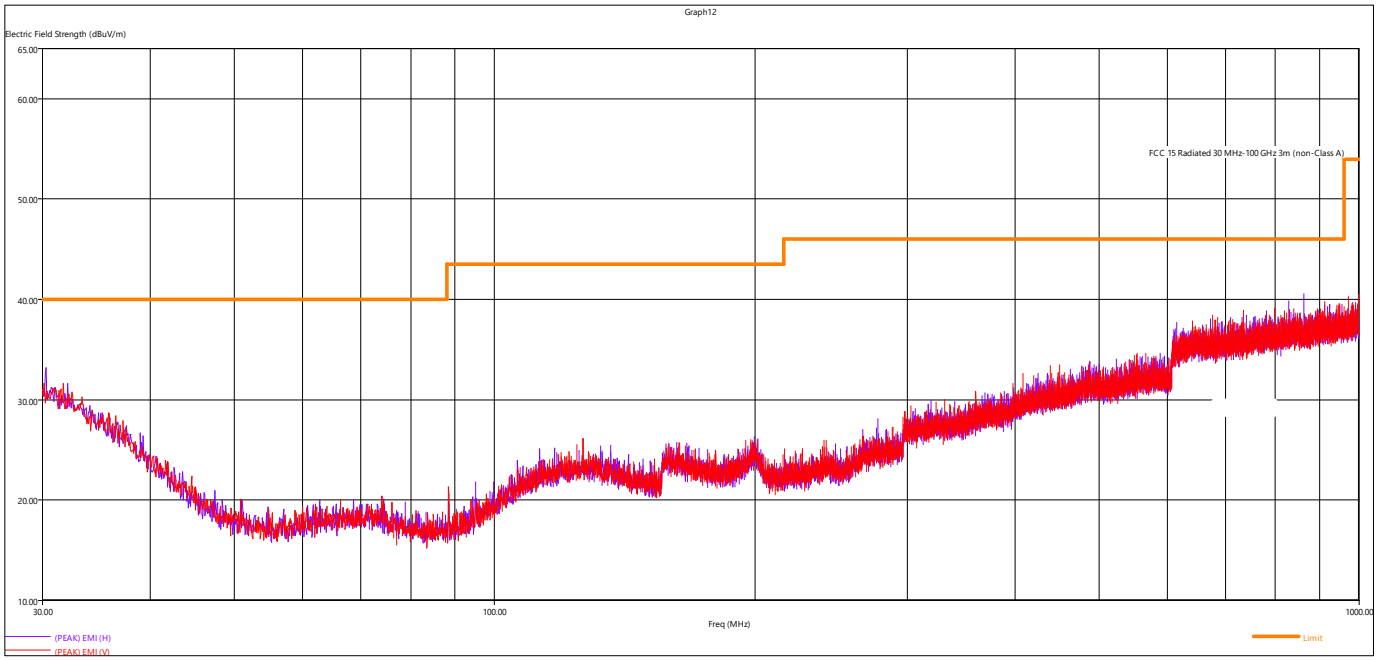

Figure 7 - Radiated Emissions Plot, Transmitter Off, 30 MHz-1GHz

The EUT was maximized in all 3 orthogonal positions. The results are considered for the axis that had the highest emissions.

Quasi-Peak Measurements, 900 MHz Radio								
Frequency	**Level**	**Limit**	**Margin**	**Height**	**Angle**	**Pol**	**Channel**	**Radio Band**
MHz	**dBµV/m**	**dBµV/m**	**dB**	**cm.**	**deg.**			**MHz**
966.279600	53.33	53.98	0.65	104.20	1.75	H	High	900 -928
All other measurements were found to be at least 6dB below the limit line.								

Peak Measurements, 900 MHz Radio,								
Frequency	**Level**	**Limit**	**Margin**	**Height**	**Angle**	**Pol**	**Channel**	**Radio Band**
MHz	**dBµV/m**	**dBµV/m**	**dB**	**cm.**	**deg.**			**MHz**
2707.48	48.71	73.98	25.27	361.76	173.75	H	Low	900 -928
12057.826000	55.28	73.98	18.70	157.16	92.00	H	Low	900 -928
4636.720000	52.89	73.98	21.09	387.49	356.25	V	Low	900 -928
2741.98	45.36	73.98	28.62	134.65	73.25	H	Mid	900 -928
11882.516000	55.47	73.98	18.51	141.70	90.50	H	Mid	900 -928
4570.076000	57.35	73.98	16.63	340.38	334.75	V	Mid	900 -928
2780.85	47.18	73.98	26.80	326.89	201.75	H	High	900 -928
12057.826000	55.28	73.98	18.70	157.16	92.00	H	High	900-928
4636.720000	52.89	73.98	21.09	387.49	356.25	V	High	900-928
All other measurements were found to be at least 6dB below the limit line.								

Average Measurements, 900 MHz Radio,								
Frequency	**Level**	**Limit**	**Margin**	**Height**	**Angle**	**Pol**	**Channel**	**Radio Band**
MHz	**dBµV/m**	**dBµV/m**	**dB**	**cm.**	**deg.**			**MHz**
2707.48	17.91	53.98	36.07	361.76	173.75	H	Low	900-928
12057.826000	24.48	53.98	29.5	157.16	92.00	H	Low	900 -928
4636.720000	22.09	53.98	31.89	387.49	356.25	V	Low	900 -928
2741.98	14.56	53.98	39.42	134.65	73.25	H	Mid	900 -928
11882.516000	24.67	53.98	29.31	141.70	90.50	H	Mid	900 -928
4570.076000	26.55	53.98	27.43	340.38	334.75	V	Mid	900 -928
2780.85	16.38	53.98	37.6	326.89	201.75	H	High	900 -928
12057.826000	24.48	53.98	29.5	157.16	92.00	H	Mid	900 -928
4636.720000	22.09	53.98	31.89	387.49	356.25	V	High	900-928
Average Level is obtained by adding the duty cycle correction factor found in section 4.1 to the peak level. All the measurements were compared to general limits from FCC part 15.209 to show compliance. All other measurements were found to be at least 6dB below the limit line.								

REMARKS:

1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB)
2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
3. The other emission levels were very low against the limit.
4. Margin value = Limit Value – Emission Level.
5. The EUT was measured in all 3 orthogonal axes. See the test setup photo exhibit for details on the orientations.

4.3 PEAK OUTPUT POWER

Test Method: ANSI C63.10-2020, Section(s) 7.8.5

Limits of bandwidth measurements:
Per FCC Part 15
For a DTS system, the output power is required to be less than 1W or 30 dBm.

Test procedures:
Spectrum analyzer was set with a resolution bandwidth greater than occupied bandwidth and centered on the operating channel. Output Power was measured by conducted method.

Deviations from test standard:
No deviation.

Test setup:
Details can be found in section 3.4 of this report.

EUT operating conditions:
Details can be found in section 2.1 of this report.

Test results:

Pass

Comments:
1. All the conducted power plots can be found in Appendix C.
2. All data is in the table in results section 4.0.
3. All the measurements were found to be compliant.

4.4 BANDWIDTH

Test Method: ANSI C63.10-2020, Section(s) 6.9.2

Limits of bandwidth measurements:
The allowed 6 dB bandwidth of the DTS channel is BW >= 500kHz.

Test procedures:
The bandwidth of the fundamental frequency was measured by spectrum analyzer with RBW = 1% to 5% of OBW and VBW >= 3 * RBW.

The 6 dB bandwidth is defined as the bandwidth of which is higher than peak power minus 6dB.
The 99% bandwidth is defined as the bandwidth that contains 99% of the power.

Deviations from test standard:
No deviation.

Test setup:
Details can be found in section 3.4 of this report.

EUT operating conditions:
Details can be found in section 2.1 of this report.
Test results:

Pass

Comments:
1. All the bandwidth plots can be found in the Appendix C.
2. All data is in the table in results section 4.0.
3. All the measurements were found to be compliant.

4.5 BANDEDGES

Test Method: ANSI C63.10-2020, Section(s) 6.10.6

Limits of band edge measurements:
For emissions outside of the allowed band of operation (902 – 928MHz), the emission level needs to be 20dB under the maximum fundamental field strength. However, if the emissions fall within one of the restricted bands from 15.205 the field strength levels need to be under that of the limits in 15.209.

Test procedures:
The resolution bandwidth was set to 100kHz and the EMI receiver was used to scan from the band edge to the fundamental frequency with a Peak detector. The highest emissions level beyond the band edge was measured and recorded. For restricted band edge measurements, the unit was tested to the same method as section 4.2 of this report.

Deviations from test standard:
No deviation.

Test setup:
Details can be found in section 3.4 of this report.

EUT operating conditions:
Details can be found in section 2.1 of this report.

Test results:

Pass

Comments:

1. All the band edge plots can be found in Appendix C.
2. All data is in the table in results section 4.0.
3. If the device falls under FCC Part 15.247 (Details can be found in summary of test results), compliance is shown in the unrestricted band edges by showing minimum delta of 20 dB between peak and the band edge.
4. The restricted band edge compliance is shown by comparing to the general limit defined in Part 15.209. The limit shown in the graph accounts for the antenna gain of the device.

4.6 POWER SPECTRAL DENSITY

Test Method: All the radio measurements were performed using the sections from ANSI C63.10, details about the section used can be found in the spectrum analyzer titles on the graph.

Limits of power measurements:

For FCC Part 15.247 Device:
The maximum PSD allowed is 8 dBm.

Test procedures:
All measurements were taken conducted.

Deviations from test standard:
No deviation.

Test setup:
Details can be found in section 3.4 of this report.

EUT operating conditions:
The EUT was powered by a 3.3V non-rechargeable battery.

Test results:
Pass
Comments:

1. All the measurements were found to be compliant.
2. Tabulated data is listed in section 4.0.

1.

4.6 NUMBER OF HOPPING CHANNELS, TIME OF OCCUPANCY

Test Method: ANSI C63.10-2020, Section 7.8.2, 7.8.3, 7.8.4

Limits for Time of Occupancy
Average time of occupancy on any frequency, not to exceed 0.4 seconds within a 7.2 second period (18 channels * 0.4s / channel).

Test procedures:
The method from KDB 558074 D01 v05;

Test setup:
Details can be found in section 3.4 of this report.

EUT operating conditions:
Details can be found in section 2.1 of this report.

.

Test results:

Pass

Comments:
2. All the plots can be found in Appendix C.
3. All the measurements were found to be compliant.
4. The measurements are reported on the graph.

APPENDIX A: SAMPLE CALCULATION

Radiated Emissions

The field strength is calculated in decibels (dB) by adding the Antenna Factor and Cable Factor, and subtracting the Amplifier Gain (if any) from the measured reading. The basic equation with a sample calculation is as follows:

FS = R + AF – (-CF + AG)

where FS = Field Strength
R = Receiver Amplitude Receiver reading in dBµV
AF = Antenna Factor
CF = Cable Attenuation Factor
AG = Preamplifier Amplifier Gain

Assume a receiver reading of 55.00 dBµV is obtained. The Antenna Factor of 12.00 and a Cable Factor of 1.10 is added. The Amplifier Gain of 20 dB is subtracted, giving a field strength of 48.10 dBµV/m.
FS = 55.00 + 12.00 – (-1.10 + 20.00) = 48.1 dBµV/m
The 48.1 dBµV/m value can be mathematically converted to its corresponding level in µV/m.
Level in µV/m = Common Antilogarithm [(48.1 dBµV/m)/20]= 254.1 µV/m

Conducted Emissions

Receiver readings are compared directly to the conducted emissions limits in decibels (dB) by adding the cable loss and LISN insertion loss to the receiver reading. The basic equations with a sample calculation is as follows;

FS = R + IL – (-CF)

where V = Conducted Emissions Voltage Measurement
R = Receiver reading in dBµV
IL = LISN Insertion Loss
CF = Cable Attenuation Factor

APPENDIX B – MEASUREMENT UNCERTAINTY

NCEE Labs does not add uncertainty to the levels present in this report.
Where relevant, the following measurement uncertainty levels apply to tests performed in this test report:

Test	Frequency Range	NCEE Labs Uncertainty Value (dB)	Maximum Uncertainty Values per CISPR 16-4-2:2011/A1:2018
Radiated Emissions, 3m	30MHz – 1GHz	4.28	5.3
Radiated Emissions, 3m	1GHz – 18GHz	5.14	5.2

Expanded uncertainty values are calculated to a confidence level of 95%.

NCEE Labs meets the maximum uncertainty requirements per CISPR 16-4-2:2011/A1:2018, and therefore does not require a minimum passing margin to state that an EUT is less than the field strength limits of the applicable CISPR, IEC or EN limit per CISPR 16-4-2:2011/A1:2018, Section 4.1.

NCEE Labs employs tilting when testing at 3m test distance. The maximum uncertainty associated with this method is used.

Maximum uncertainty values show the worst-case of all test distances used.

APPENDIX C – GRAPHS AND TABLES

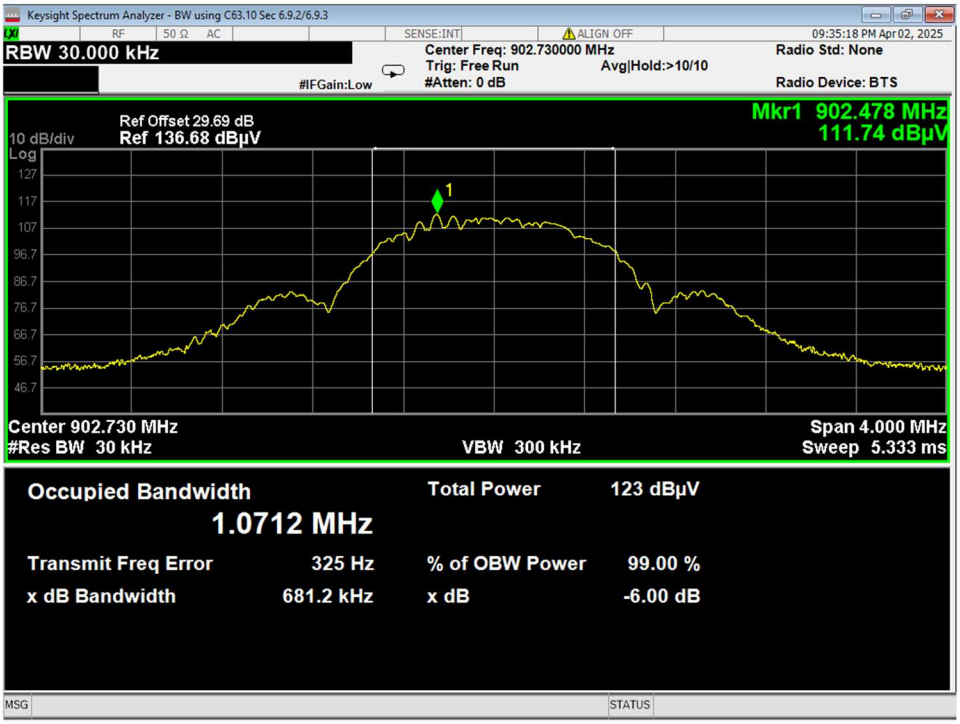

Figure 8 **Bandwidth Low Channel**

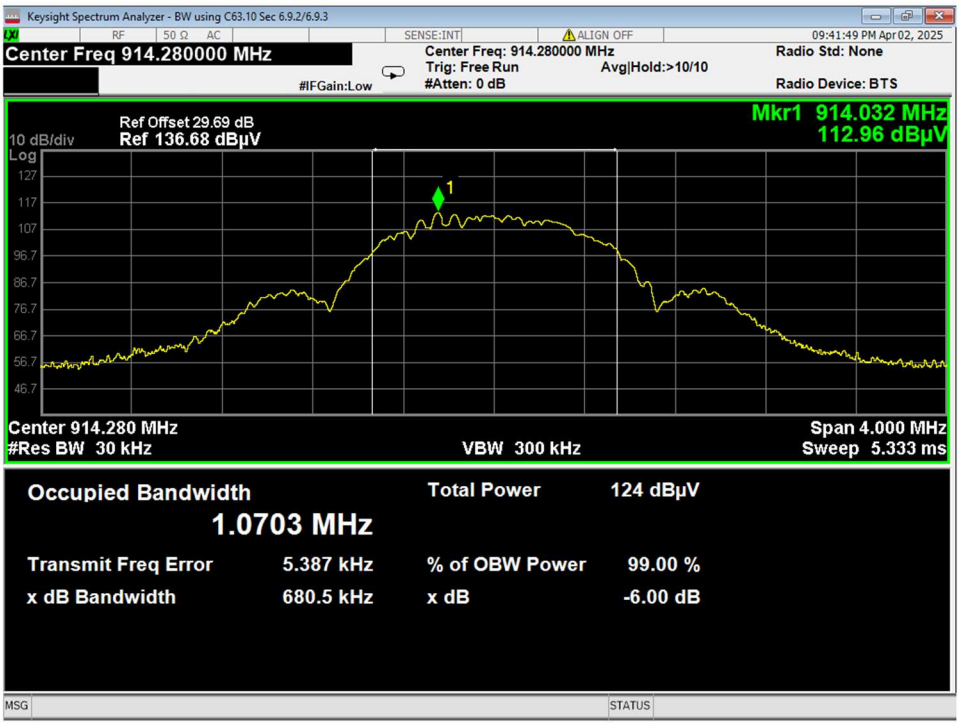

Figure 9**. Bandwidth Mid Channel**

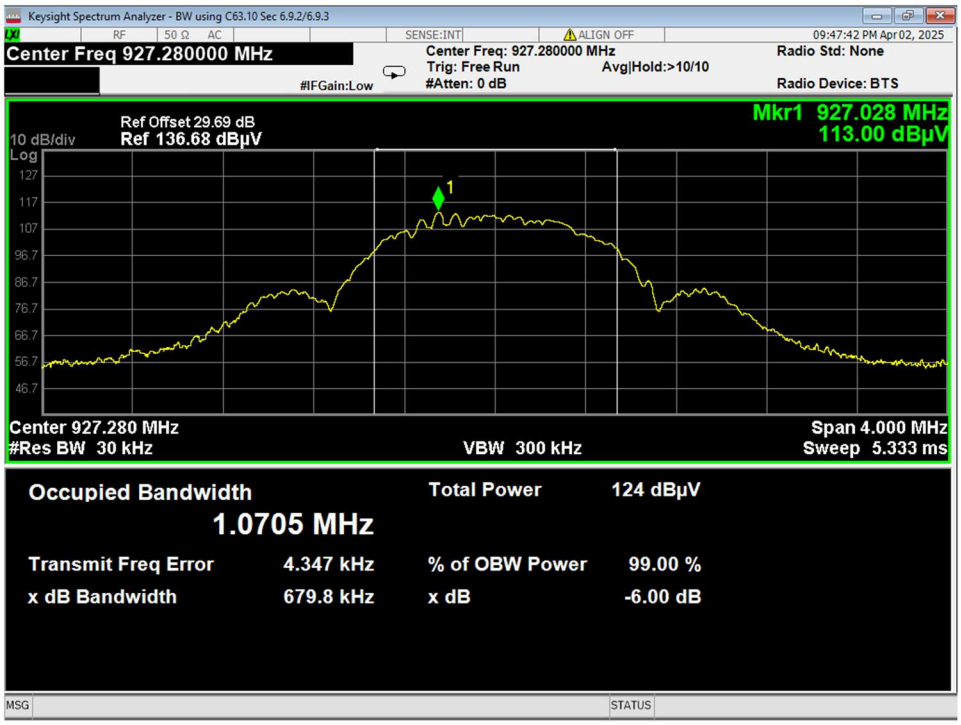

Figure 10 **Bandwidth High Channel**

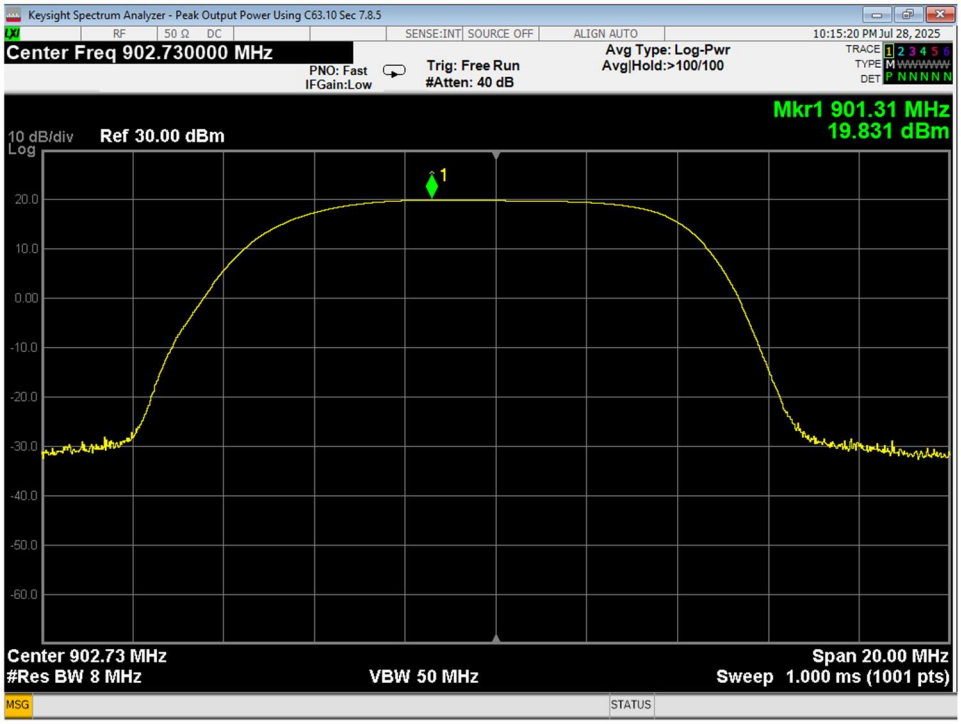

Figure 11 **Peak Conducted Power, Low Channel**

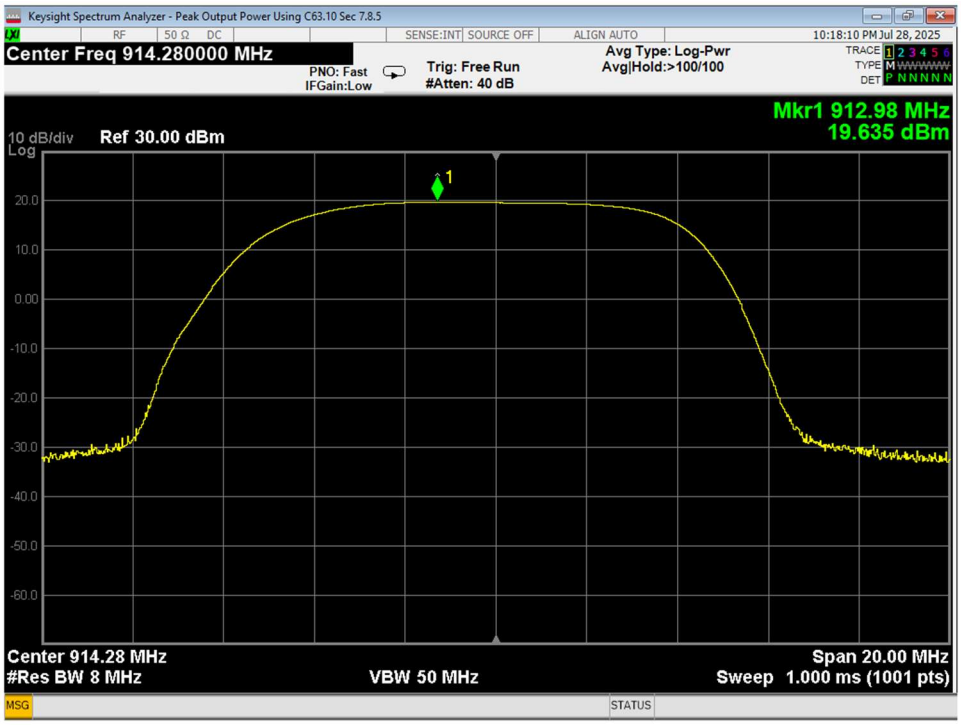

Figure 12 **Peak Conducted Power, Mid Channel**

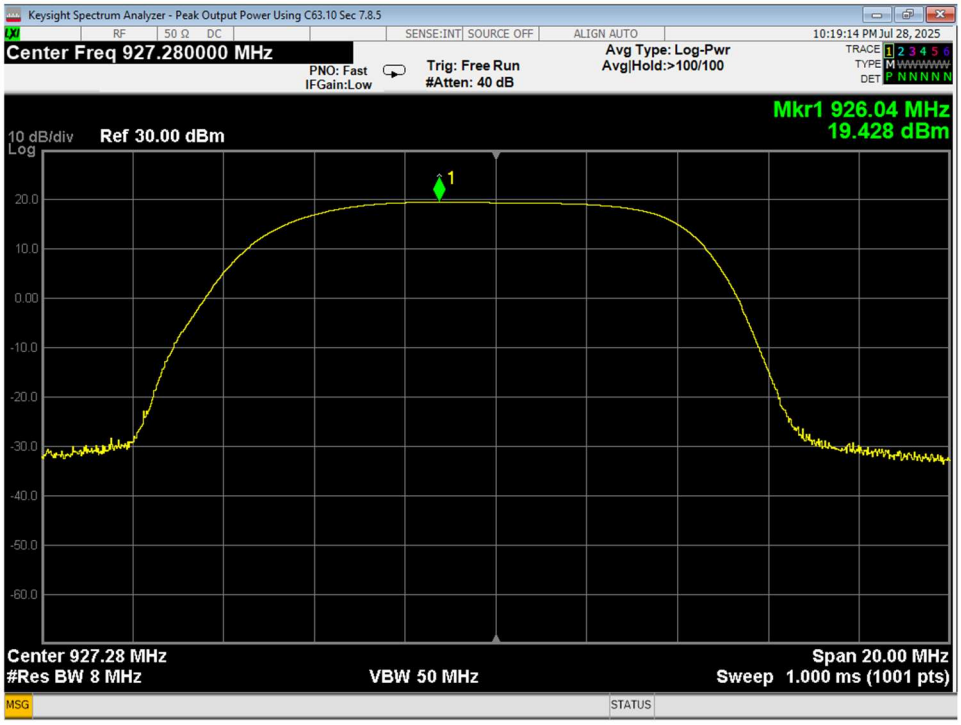

Figure 13 **Peak Conducted Power, High Channel**

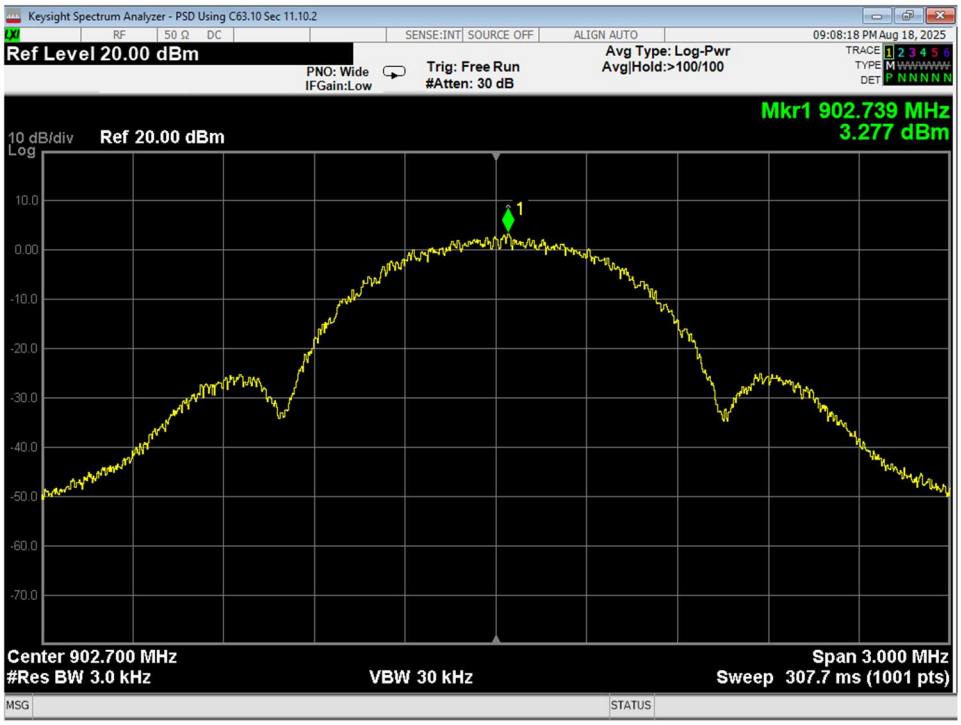

Figure 14 Conducted Power Spectral Density, **Low Channel**

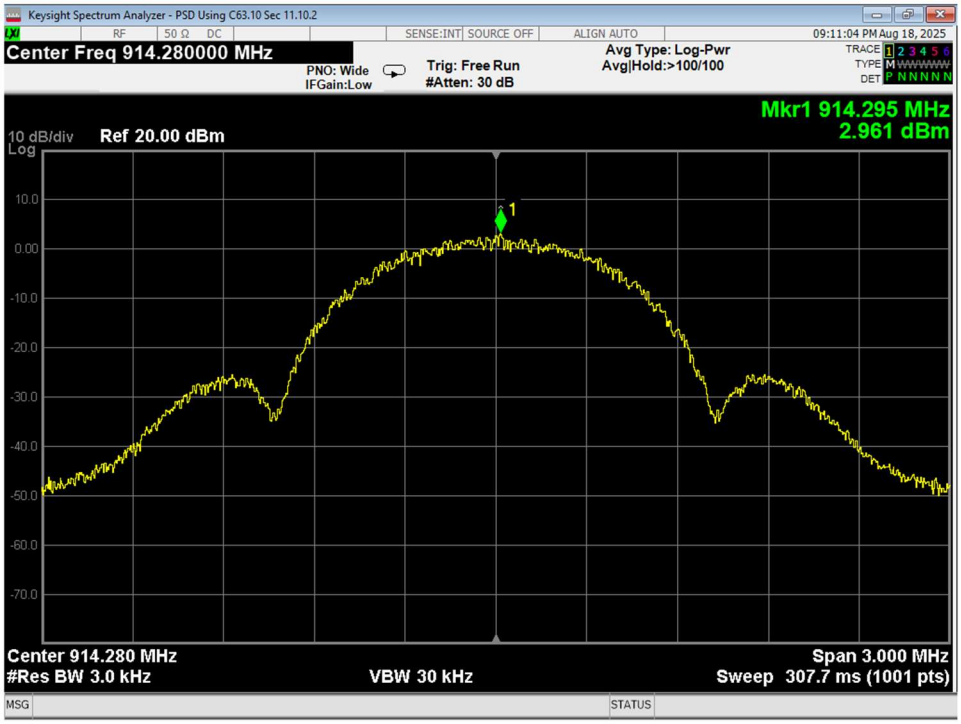

Figure 15 Power Spectral Density, **Mid Channel**

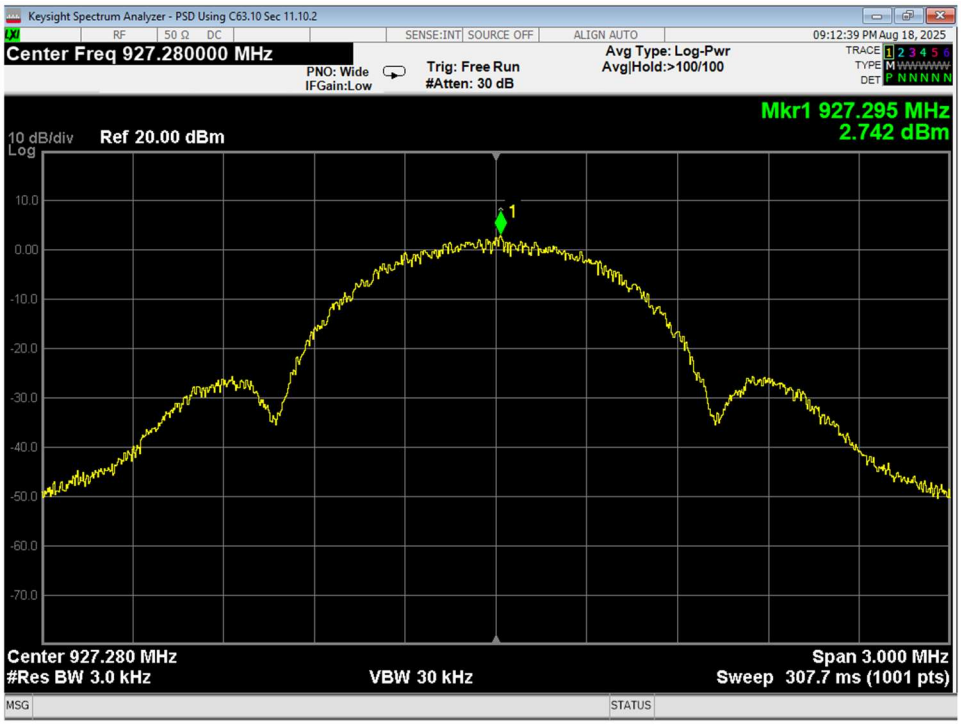

Figure 16 Power Spectral Density, **High Channel**

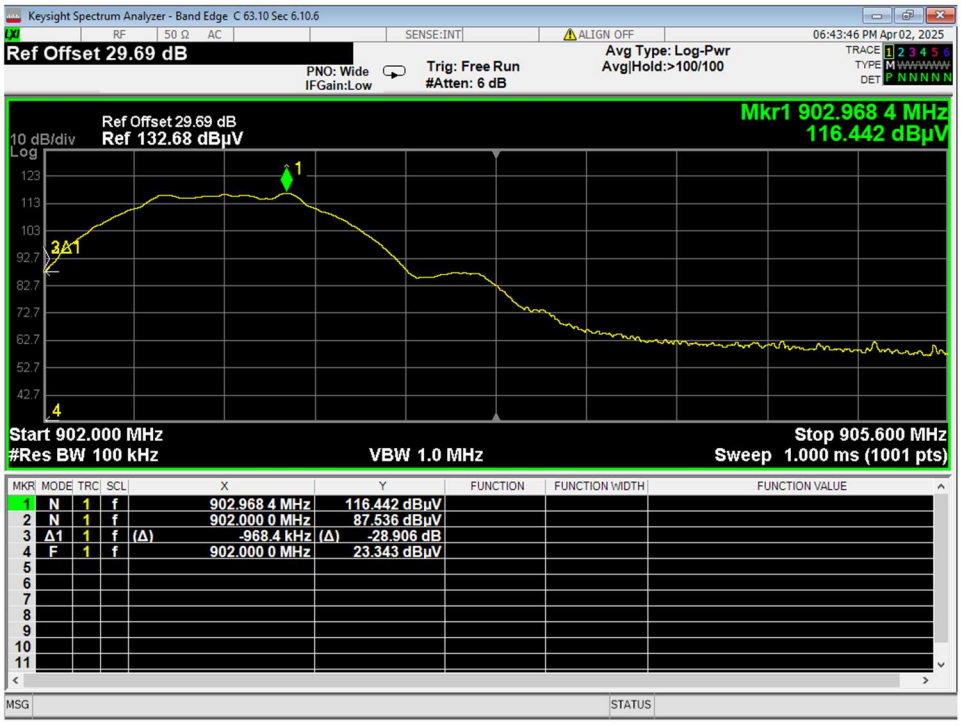

Figure 17 **Bandedge Unrestricted Low Channel**

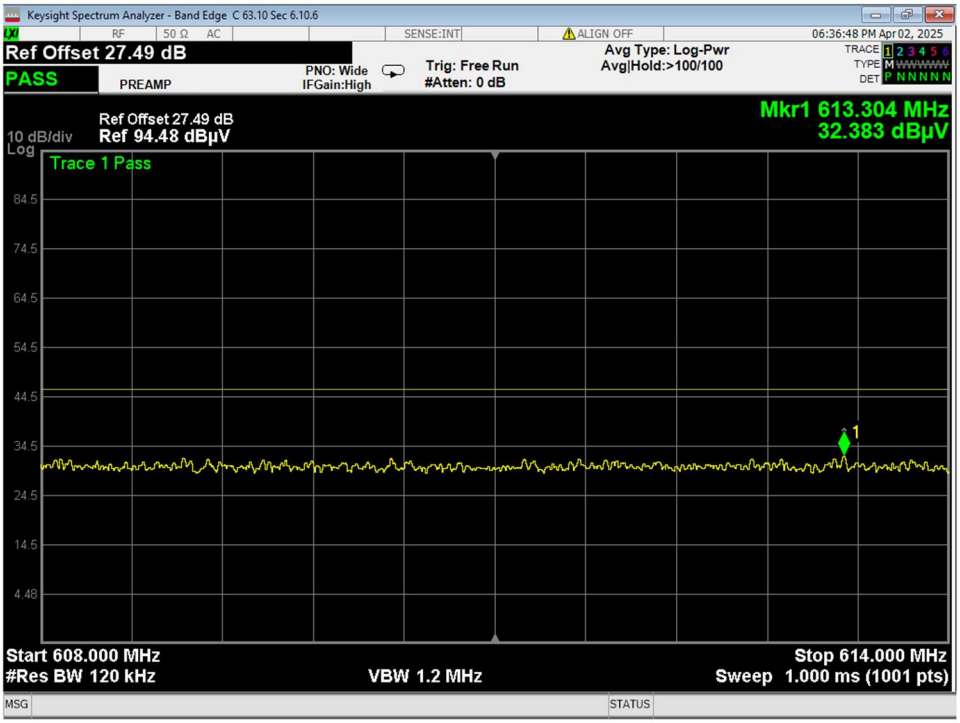

Figure 18 **Bandedge Restricted Low Channel**

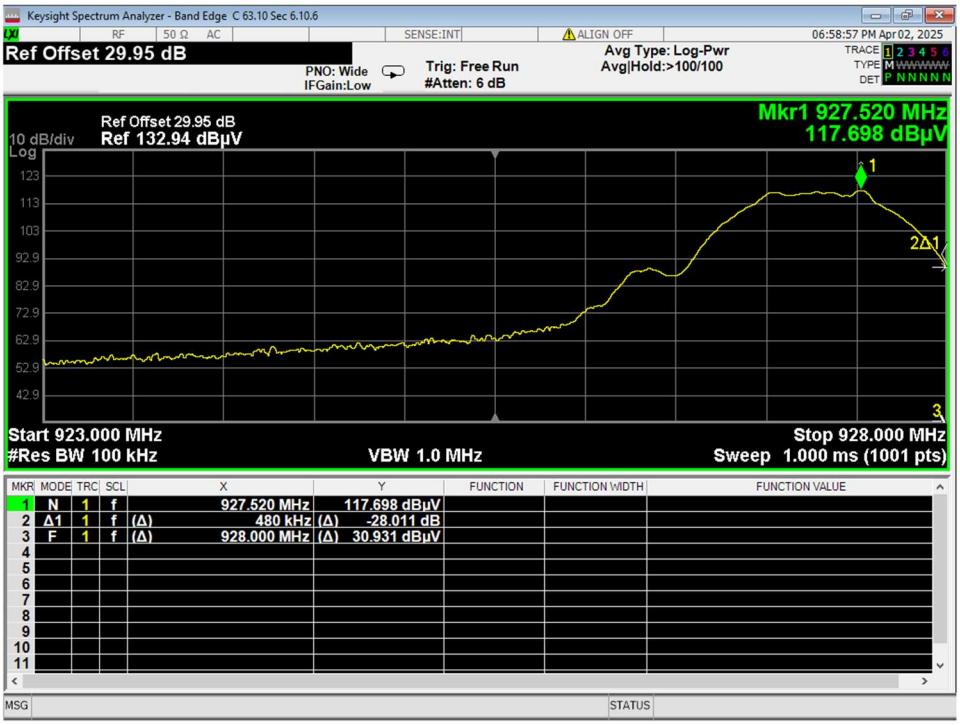

Figure 19 **Bandedge Unrestricted High Channel**

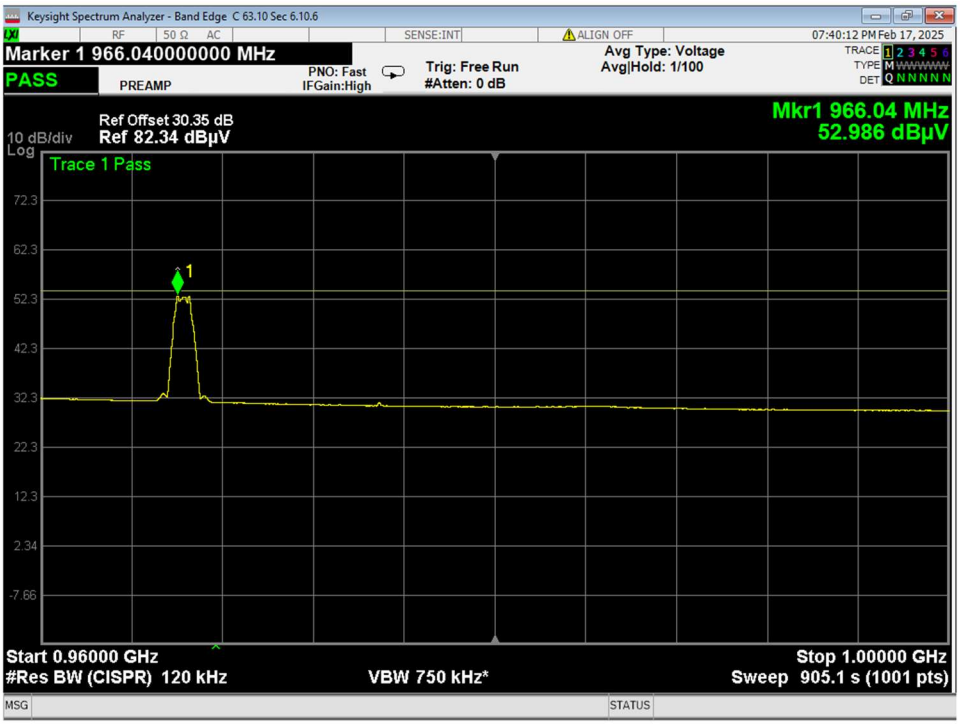

Figure 20 **Bandedge Restricted High Channel.**

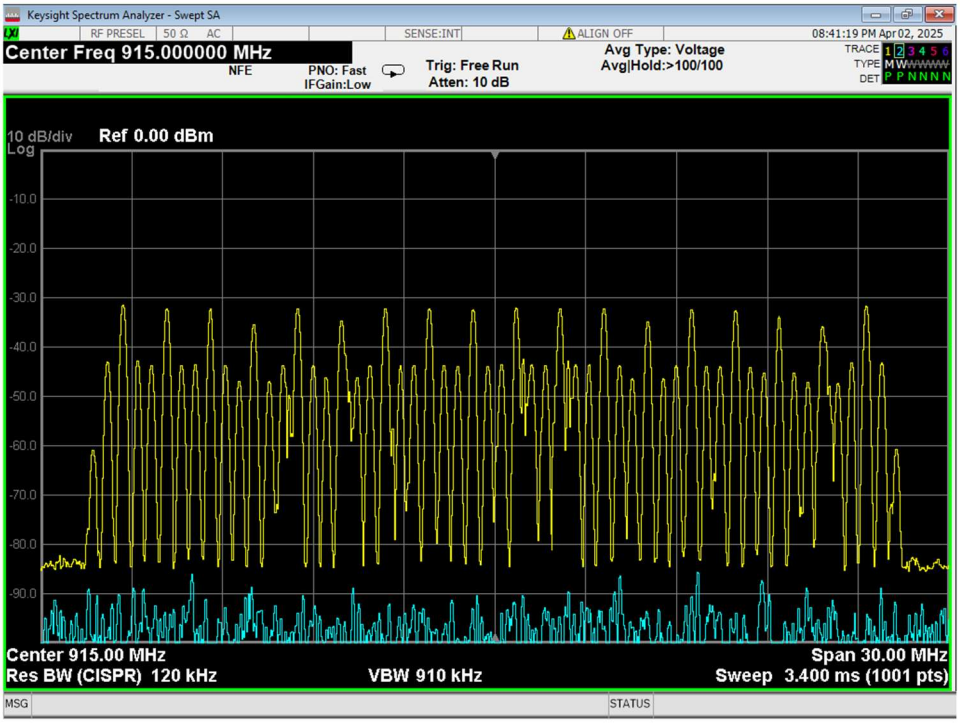

Figure 21 **Hop Count, 18 Hops**

Manufacturer states that there are 18 hopping channels with a channel spacing of 1.444MHz.

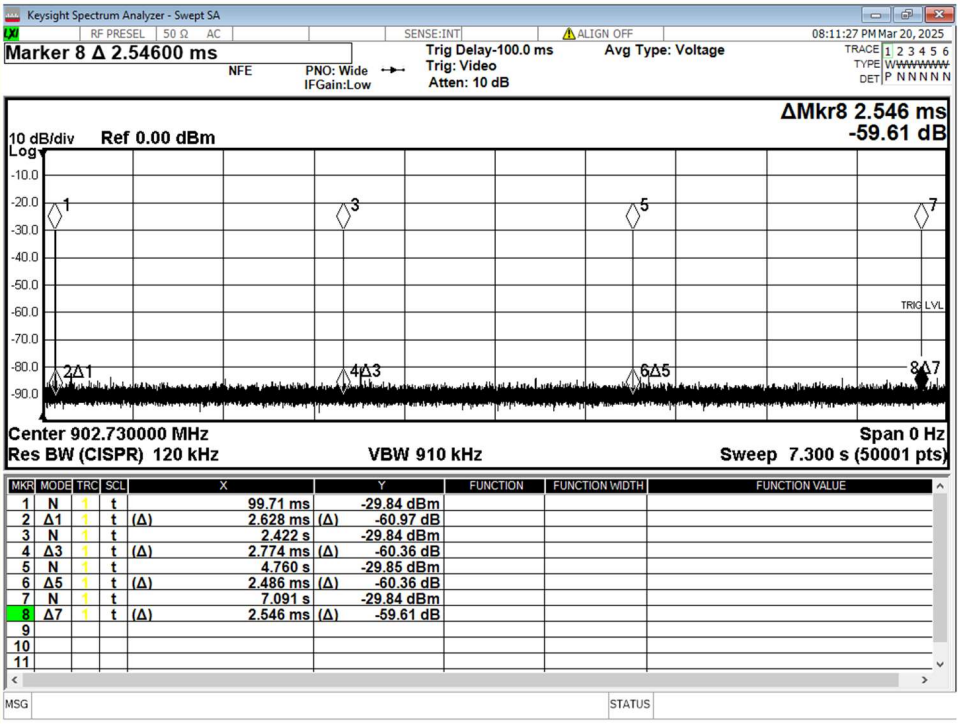

Figure 22 **Channel Occupancy, On time***

***Measured in hopping mode provided by the manufacturer.**

2.885ms x 4 = 11.5 ms

Manufacturer stated that the maximum on time per 100ms interval is 2.885ms.

REPORT END