

FCC/ISED Test Report

Prepared for: Digital Monitoring Products, Inc

Address: 2500 N Partnership Blvd
Springfield, MO 65803

EUT: 1120DT Optex PIR

FCC ID: CCK1120
IC ID: 5251A-1120
HVIN: 1120

Test Report No: R20250417-01-E1A

Approved by:



Blake Winter
EMC Test Engineer
iNARTE EMC-50662-E

DATE: October 28, 2025

Total Pages: 32

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REVISION PAGE

Rev. No.	Date	Description
0	29 September 2025	Issued by BWinter Reviewed by KVepuri Prepared by BWinter Revision A – BWinter
A	28 October 2025	1. Add statement from applicant that intermodulation is not possible because both transmitters cannot operate simultaneously. 2. Convert EIRP to Estimated Conducted Power.



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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

ANSI C63.10-2013 was used as a test method, with guidance from KBD 558074 D01 v05

SUMMARY			
Standard Section	Test Type and Limit	Result	Remark
FCC 15.203	Unique Antenna Requirement	Pass	Internal antenna
FCC 15.35 RSS-Gen, 6.10	Duty cycle of pulsed emissions	Informative only	The manufacturer states the duty cycle is <=18%.
FCC 15.209 RSS-Gen, 7.1	Receiver Radiated Emissions	Pass	Meets the requirement of the limit.
FCC 15.247(a)(1)(i) RSS-247, 5.1(c)	Maximum Bandwidth, Limit: Max. 250kHz	Pass	Meets the requirement of the limit.
FCC 15.247(b)(1) RSS-247, 5.1	Maximum Peak Output Power, Limit: Max. 24 dBm	Pass	Meets the requirement of the limit.
FCC 15.209 RSS-Gen, 8.9 RSS-247, 5.5	Transmitter Radiated Emissions	Pass	Meets the requirement of the limit.
FCC 15.247(a) (1) (i) RSS-247, 5.1(c)	Frequency hopping system, Limit: Max. 0.4 Seconds in 20 Second Period	Pass	Meets the requirement of the limit
FCC 15.209, 15.205 RSS-Gen, 8.9 RSS-247, 5.5	Band Edge Measurement, Limit: 20dB less than the peak value of fundamental frequency	Pass	Meets the requirement of the limit.
FCC 15.207 RSS-Gen. 8.8	Conducted AC Emissions	NA	Unit is powered only by a non-rechargeable battery.

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2.0 EUT DESCRIPTION

2.1 EQUIPMENT UNDER TEST

Summary

The Equipment Under Test (EUT) was a 1120DT Optex PIR device manufactured by Optex. The device considered in this report operates in the 902 to 928 MHz band and has transmit and receive capabilities. The device contains FCC ID DC9WS)PMW, a microwave motion detector. Verification of intermodulation products per KDB 996369 was not necessary per a statement from the applicant, "The software in the detector prevents the microwave and 900MHz FHSS radios from operating at the same time."

Manufacturer	Optex
EUT	1120 Optex PIR
EUT Received	29 August 2025
EUT Tested	4 September 2025- 5 September 2025
Serial No.	200260 (NCEE assigned)
Operating Band	902 – 928 MHz
Device Type	FHSS
Power Supply	3V replaceable battery only
Antenna	Internal

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



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2.2 DESCRIPTION OF TEST MODES

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

Channel	Frequency (MHz)
Low	903.3
Middle	915
High	926.7

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.

This EUT was set to transmit in a worst-case scenario with modulation on. The manufacturer modified the unit to transmit continuously on the lowest, highest and one channel in the middle.

2.3 DESCRIPTION OF SUPPORT UNITS

None

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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-1
NCC CAB Identification No:	US0177

Environmental conditions varied slightly throughout the tests.



3.2 TEST PERSONNEL

No.	PERSONNEL	TITLE	ROLE
1	Blake Winter	Test Engineer	Testing and Report
2	Karthik Vepuri	Test Engineer	Review

Notes:

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

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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 15, 2025	July 15, 2027
SunAR RF Motion	JB1	A082918-1	July 22, 2025	July 22, 2027
ETS EMCO Red Horn Antenna	3117	0029616	May 16, 2024	May 16, 2026
ETS EMCO Amplifier*	3115-PA	00218576	July 28, 2025	July 28, 2027
R&S High Pass Filter*	6HC330	200332488	July 18, 2025	July 18, 2027
ETS – Lindgren- VSWR on 10m Chamber*	10m Semi-anechoic chamber- VSWR	4740 Discovery Drive	July 3, 2025	July 3, 2027
NCEE Labs-NSA on 10m Chamber*	10m Semi-anechoic chamber- NSA	NCEE-001	August 29, 2025	August 29, 2027
TDK Emissions Lab Software	V11.25	700307	NA	NA
RF Cable (preamplifier to antenna)*	MFR-57500	90-195-040	July 18, 2025	July 18, 2027
RF Cable (antenna to 10m chamber bulkhead)*	FSCM 64639	01E3872	July 18, 2025	July 18, 2027
RF Cable (10m chamber bulkhead to control room bulkhead)*	FSCM 64639	01E3864	July 18, 2025	July 18, 2027
RF Cable (control room bulkhead to test receiver)*	FSCM 64639	01F1206	July 18, 2025	July 18, 2027
N connector bulkhead (10m chamber)*	PE9128	NCEE BH1	July 18, 2025	July 18, 2027
N connector bulkhead (control room)*	PE9128	NCEE BH2	July 18, 2025	July 18, 2027

*Internal Calibration

Notes:

All equipment is owned by NCEE Labs and stored permanently at NCEE Labs facilities. All equipment is calibrated every two years unless otherwise noted.

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4.0 DETAILED RESULTS

Radio Measurements								
CHANNEL	Occupied Bandwidth (kHz)	20 dB Bandwidth (kHz)	Peak Output Field Strength (dBuV/m)	Peak EIRP (dBm)	Estimated Conducted Power* (mW)	RESULT	Number of Hopping Channels, Time of Occupancy, Frequency Separation	
Low	65.34	70.50	104.75	9.52	8.95	Pass	On Time	8.585ms X 32 = 274.72ms < 400ms => PASS
Mid	63.90	69.85	106.85	11.62	14.52	Pass	Hop Count	53
High	65.59	70.49	107.42	12.19	16.56	Pass	Frequency Separation	448.4kHz
20 dB Bandwidth Limit = 250 kHz max Power = $10^{((\text{EIRP} - 0\text{dBi})/10)}$ (0dBi is estimated antenna gain)			Peak Output Power Limit = 30 dBm;					

Unrestricted Band-Edge							
CHANNEL	Band edge /Measurement Frequency (MHz)	Relative Highest out of band level (dB)	Relative Fundamental (dB)	Measurement Type	Delta (dB)	Min Delta (dB)	Result
Low	902	46.14	100.13	Peak	53.99	20	Pass
High	928	55.44	107.12	Peak	51.68	20	Pass

Restricted Band-Edge						
CHANNEL	Band edge /Measurement Frequency (MHz)	Highest out of band level (dBuV/m @ 3m)	Measurement Type	Limit (dBuV/m @ 3m)*	Margin	Result
Low	608-614	31.35	Peak	46.02	14.67	Pass
High	960-1000	38.36	Peak	53.98	15.62	Pass
* Peak values are compared to quasi-peak limit to show compliance.						



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4.1 DUTY CYCLE

The manufacturer attests that the duty cycle is less than or equal to 12%: Duty Cycle Correction Factor (DCCF) = $20 * \log_{10}(0.12) = -18.42\text{dB}$.

The Duty Cycle Correction Factor was applied to the Average Emissions calculations above 1GHz in section 4.2.

4.2 RADIATED EMISSIONS

Test Method: ANSI C63.10:2013, 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.



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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 from 30MHz-1Ghz and 1.5m for measurements from 1GHz and higher.
- 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.
- h. The orientation with the worst-case emissions was used for final measurements.

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 is 1 MHz for all measurements 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:

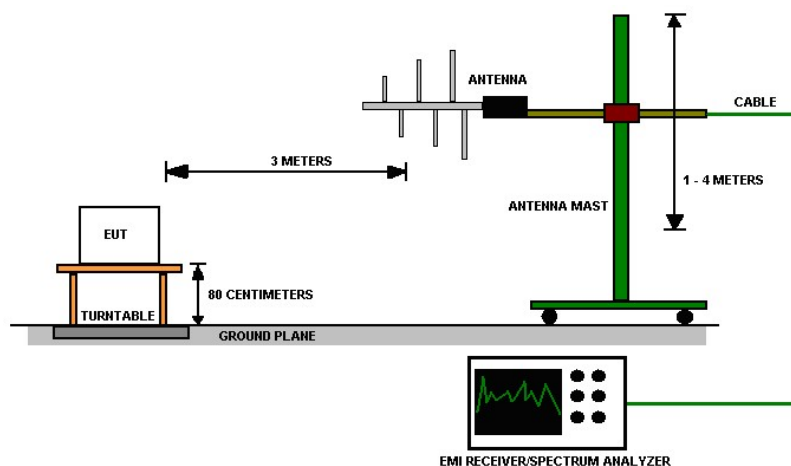


Figure 1 - Radiated Emissions Test Setup, 30MHz – 1GHz

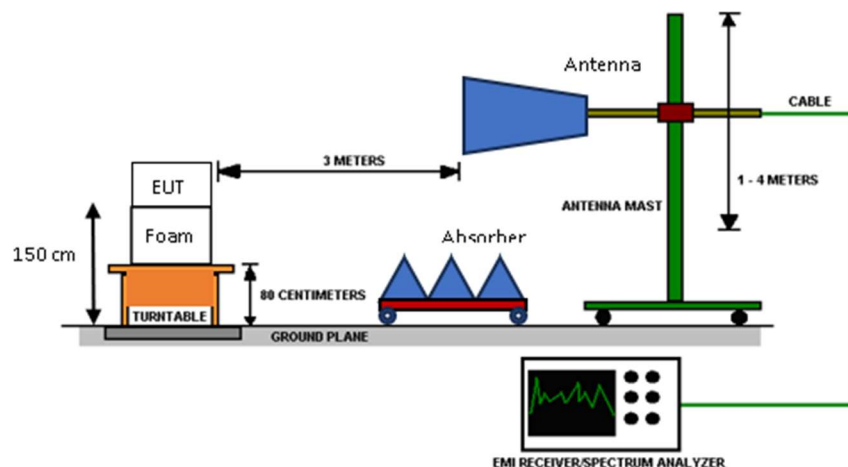


Figure 2 - Radiated Emissions Test Setup, 1GHz - 18GHz

EUT operating conditions

The EUT was powered by internal battery unless specified and set to transmit continuously on the lowest frequency channel, highest frequency channel and one in the middle of its operating range.



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Test results:

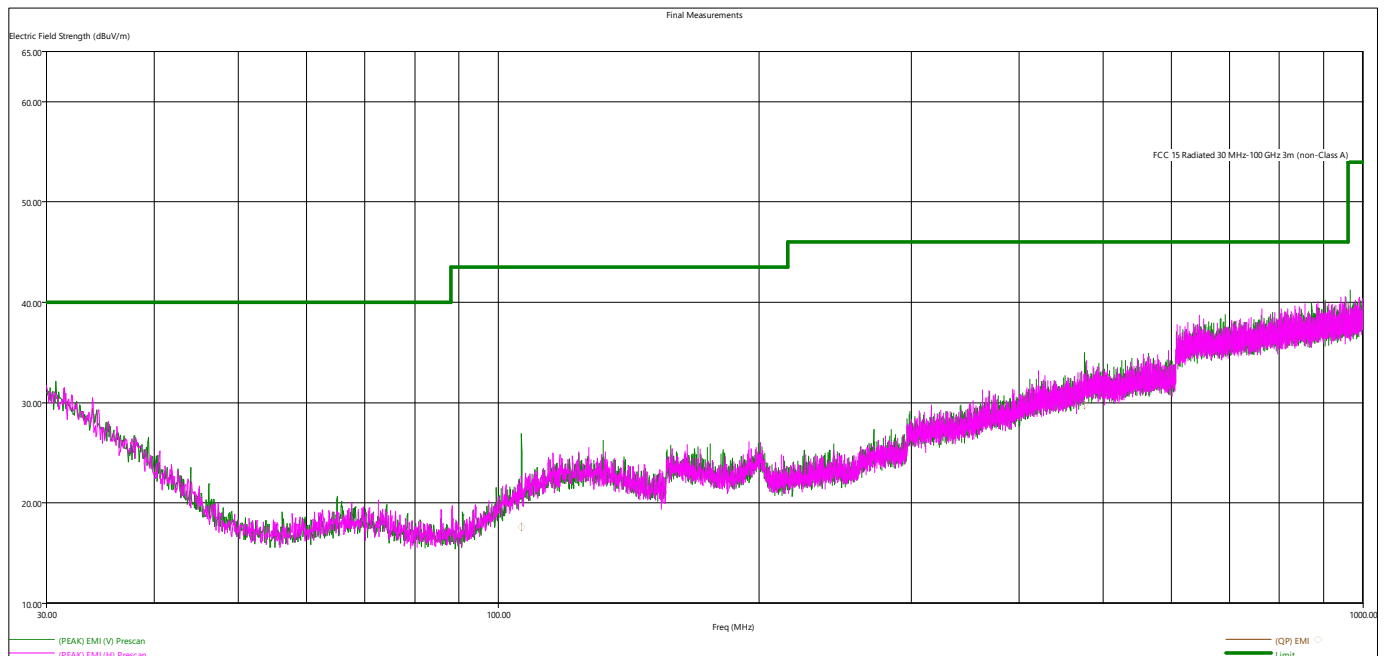


Figure 3 - Radiated Emissions Plot, Receive Only

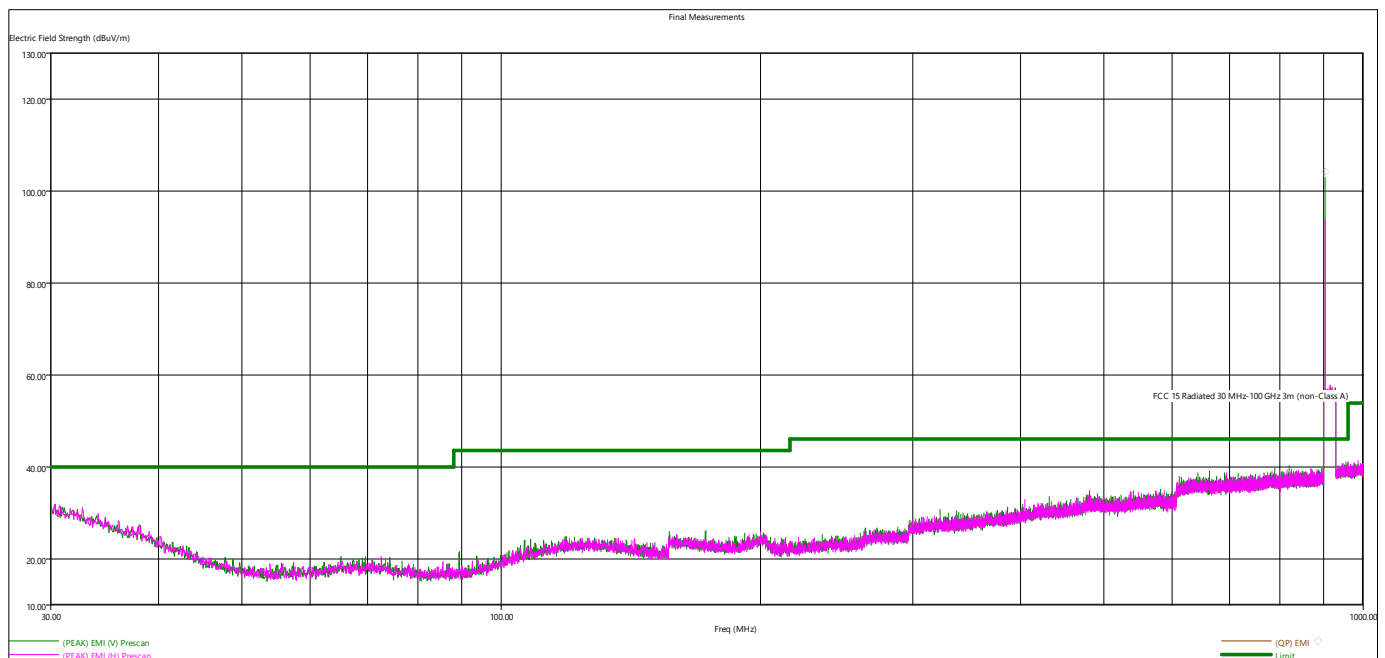


Figure 4 - Radiated Emissions Plot, Low Channel, 30MHz - 1GHz

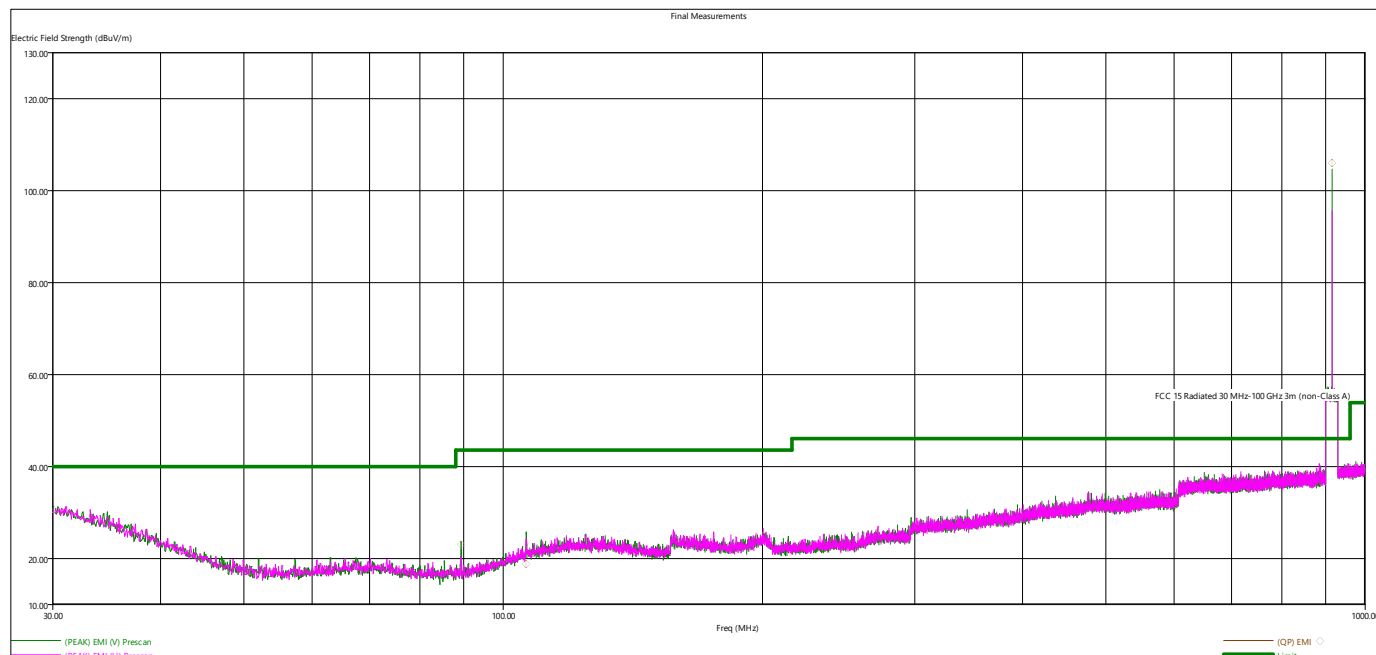


Figure 5 - Radiated Emissions Plot, Mid Channel, 30MHz - 1GHz

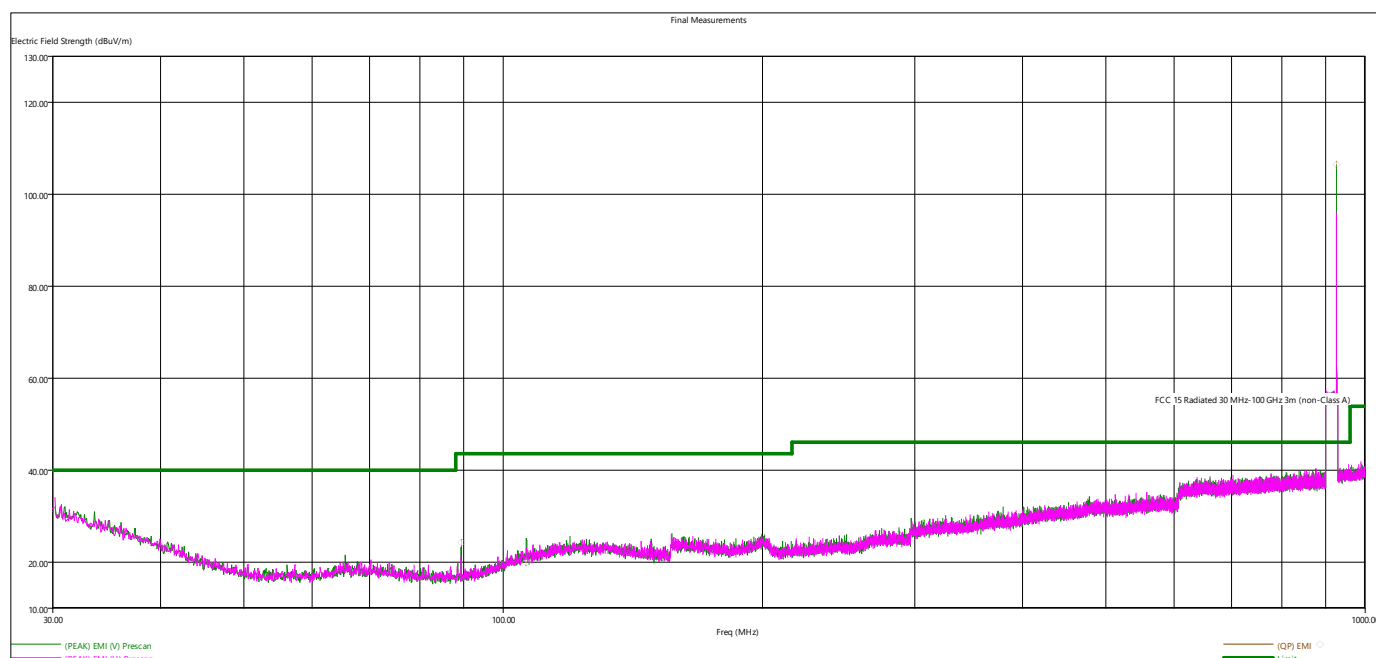


Figure 6 - Radiated Emissions Plot, High Channel, 30MHz - 1GHz

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 both the horizontal and vertical orientation. It was found that the Vertical position produced the highest emissions, and this orientation was used for all testing. See Annex A for test photos.



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Quasi-Peak Measurements, 30 MHz - 1 GHz*							
Frequency	Level	Limit	Margin	Height	Angle	Pol	Channel
MHz	dB μ V/m	dB μ V/m	dB	cm.	deg.		
106.432800	17.68	43.52	25.84	193.59	123.75	V	RX only
476.369040	29.80	46.02	16.22	113.59	259.75	V	RX only
89.289360	23.06	43.52	20.46	111.74	311.50	V	Mid
106.289760	18.91	43.52	24.61	170.73	115.00	V	Mid
89.305680	24.44	43.52	19.08	115.68	318.75	V	High
106.335600	20.00	43.52	23.52	207.74	223.75	V	High

*All other measurements, including on the low channel, were found to be at least 6dB below the limit line.



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Peak Measurements, 1 GHz - 10 GHz							
Frequency	Level	Limit	Margin	Height	Angle	Pol	Channel
MHz	dB μ V/m	dB μ V/m	dB	cm.	deg.		
1262.290000	42.90	73.98	31.08	143.56	324.25	V	RX
2709.86	56.16	73.98	17.82	501.83	196.75	H	Low
1806.62	55.14	NA*	NA*	112.28	357.50	V	Low
4516.780000	64.39	73.98	9.59	288.46	42.00	H	Low
5420.060000	70.69	73.98	3.29	180.40	43.00	H	Low
8129.570000	58.91	73.98	15.07	158.97	134.25	H	Low
9032.894000	57.09	73.98	16.89	352.76	183.50	H	Low
3614.028000	49.41	73.98	24.57	527.92	339.75	V	Low
2745.05	57.86	73.98	16.12	481.89	185.00	H	Mid
1830.31	52.86	NA*	NA*	113.17	345.50	V	Mid
4575.046000	65.81	73.98	8.17	123.26	37.50	H	Mid
8234.974000	57.44	73.98	16.54	152.64	140.00	H	Mid
9150.296000	57.19	73.98	16.79	407.98	180.25	H	Mid
3659.744000	54.63	73.98	19.35	399.32	0.25	V	Mid
7320.086000	58.36	73.98	15.62	306.79	287.25	V	Mid
1853.41	54.74	NA	NA	112.58	359.75	V	High
2780.05	57.55	73.98	16.43	399.08	293.25	V	High
3706.622000	53.11	73.98	20.87	223.20	11.50	H	High
4633.568000	66.51	73.98	7.47	212.22	32.25	H	High
8339.970000	56.13	73.98	17.85	359.80	138.50	H	High
7413.062000	56.71	73.98	17.27	282.07	261.25	V	High

*Unrestricted harmonics are at least 20dB below the fundamental peak.

Average Measurements, 1 GHz- 10 GHz

Frequency	DCCF	Average Level**	Limit	Margin	Height	Angle	Pol	Channel
MHz	dB	dB μ V/m	dB μ V/m	dB	cm.	deg.		
1262.290000	-18.42	24.48	53.98	29.50	143.56	324.25	V	RX
2709.86	-18.42	37.74	53.98	16.24	501.83	196.75	H	Low
1806.62	-18.42	36.72	NA*	NA*	112.28	357.50	V	Low
4516.780000	-18.42	45.97	53.98	8.01	288.46	42.00	H	Low
5420.060000	-18.42	52.27	53.98	1.71	180.40	43.00	H	Low
8129.570000	-18.42	40.49	53.98	13.49	158.97	134.25	H	Low
9032.894000	-18.42	38.67	53.98	15.31	352.76	183.50	H	Low
3614.028000	-18.42	30.99	53.98	22.99	527.92	339.75	V	Low
2745.05	-18.42	39.44	53.98	14.54	481.89	185.00	H	Mid
1830.31	-18.42	34.44	NA*	NA	113.17	345.50	V	Mid
4575.046000	-18.42	47.39	53.98	6.59	123.26	37.50	H	Mid
8234.974000	-18.42	39.02	53.98	14.96	152.64	140.00	H	Mid
9150.296000	-18.42	38.77	53.98	15.21	407.98	180.25	H	Mid
3659.744000	-18.42	36.21	53.98	17.77	399.32	0.25	V	Mid
7320.086000	-18.42	39.94	53.98	14.04	306.79	287.25	V	Mid
1853.41	-18.42	36.32	NA	NA	112.58	359.75	V	High
2780.05	-18.42	39.13	53.98	14.85	399.08	293.25	V	High
3706.622000	-18.42	34.69	53.98	19.29	223.20	11.50	H	High
4633.568000	-18.42	48.09	53.98	5.89	212.22	32.25	H	High
8339.970000	-18.42	37.71	53.98	16.27	359.80	138.50	H	High
7413.062000	-18.42	38.29	53.98	15.69	282.07	261.25	V	High

The EUT was maximized in all 3 orthogonal axes. The worst-case (z-axis) is shown in the table above.

*In unrestricted bands, harmonics are at least 20dB below fundamental levels.

**Average level is Peak Level + DCCF.

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4.3 PEAK OUTPUT POWER

Test Method: ANSI C63.10, Section(s) 11.9.1.1

Limits of bandwidth measurements:

For an FHSS system with 50 channels or more, the output power is required to be less than 1000 mW or 30 dBm.

Maximum Effective Isotropic Radiated Power was calculated from the measured maximum field strength.

Test procedure: Radiated

Deviations from test standard:

No deviation.

Test setup:

See Section 4.2

EUT operating conditions:

The EUT was powered by an internal battery and set to transmit continuously on the lowest frequency channel, highest frequency channel and one in the middle of its operating range.

The antenna factor and cable loss corrections were applied to the results in the Reference Offset.

Test results:

Refer to section 4.0 for the results table.

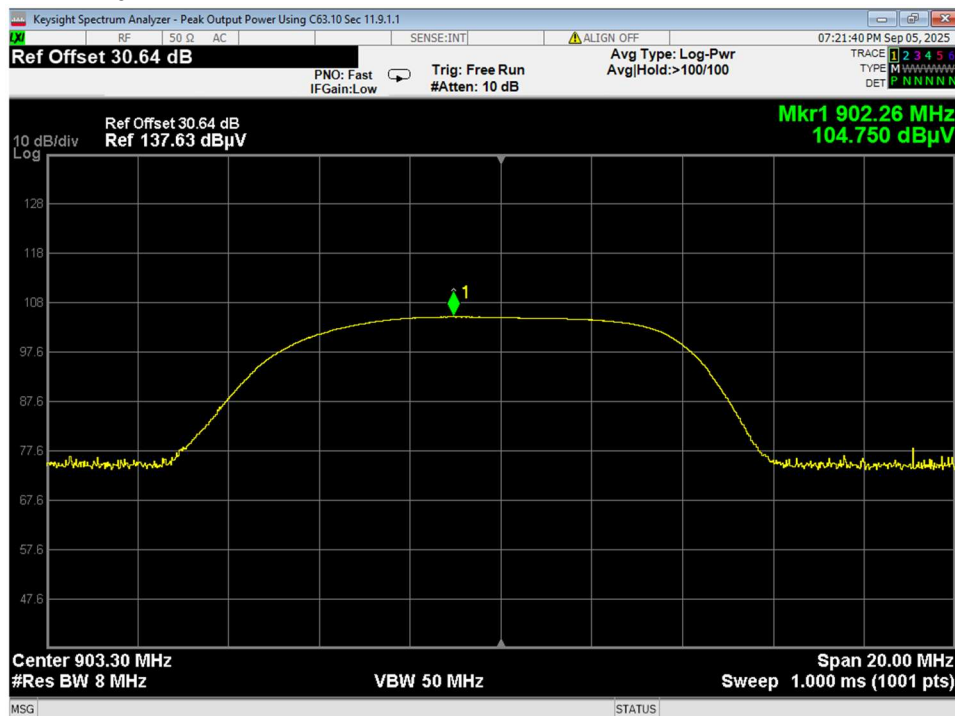


Figure 7 – Peak Field Strength, Low Channel.

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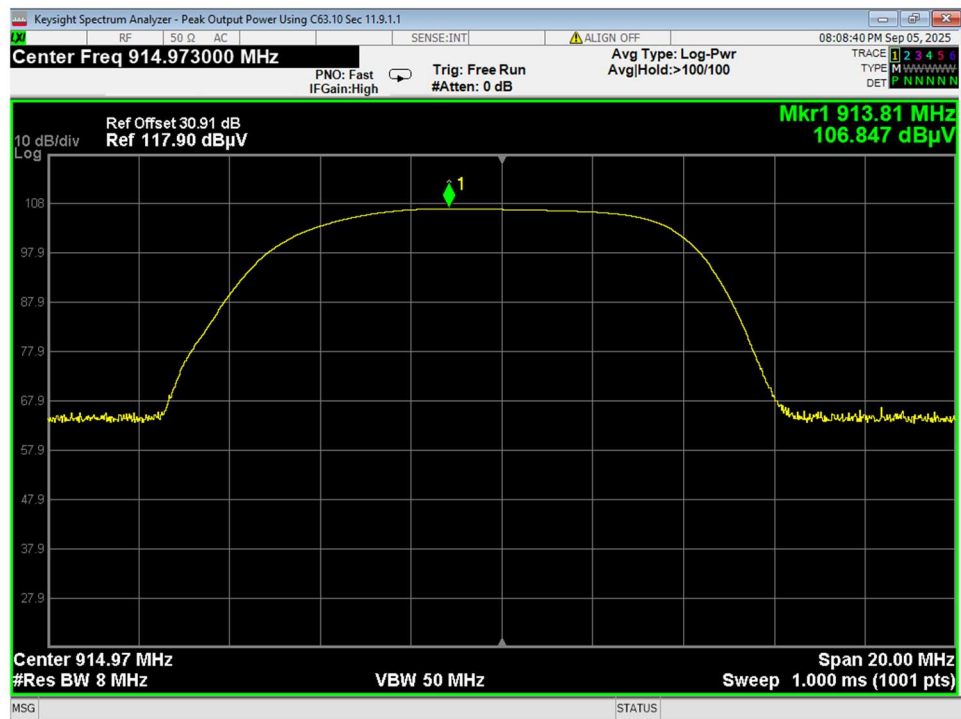


Figure 8 – Peak Field Strength, Mid Channel

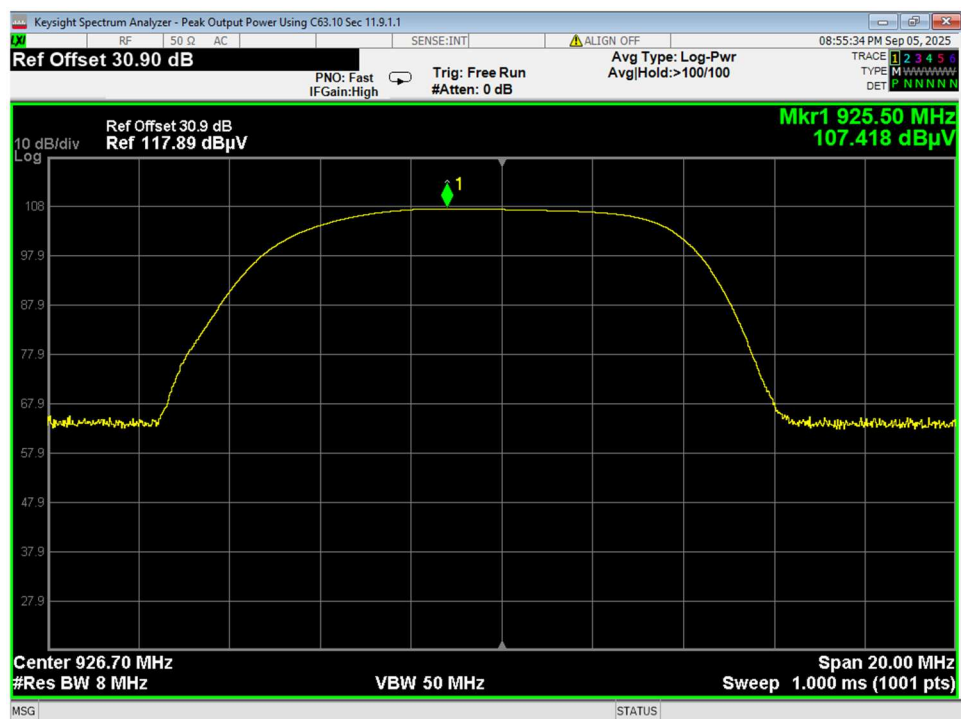


Figure 9 – Peak Field Strength, High Channel



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4.4 BANDWIDTH

Test Method: ANSI C63.10, Section(s) 6.9.2 (20 dB BW)
ANSI C63.10, Section(s) 6.9.3 (99% BW)

Limits of bandwidth measurements:
From FCC Part 15.247 (1) (i) and RSS-247 5.1(c)

The maximum allowed 20 dB bandwidth of the hopping channel is 250 kHz.

Test procedures:
Bandwidth measurement was taken at a distance of 3m from the EUT. The bandwidth of the fundamental frequency was measured by spectrum analyzer with 1 kHz RBW.

The 20dB bandwidth is defined as the bandwidth of which is higher than peak power minus 20dB.

The 99% occupied bandwidth was measured using the test receiver's occupied bandwidth function.

Test setup:

All the measurements were done at 3m test distance while operating at low, mid, and high channels. See Section 4.3 for more details.

Deviations from test standard:
No deviation.

Test setup:

The transmitter radiated to the receiver through a distance of 3m.

EUT operating conditions:
The EUT was powered by an internal battery and set to transmit continuously on the lowest frequency channel, highest frequency channel and one in the middle of its operating range.

Test results:

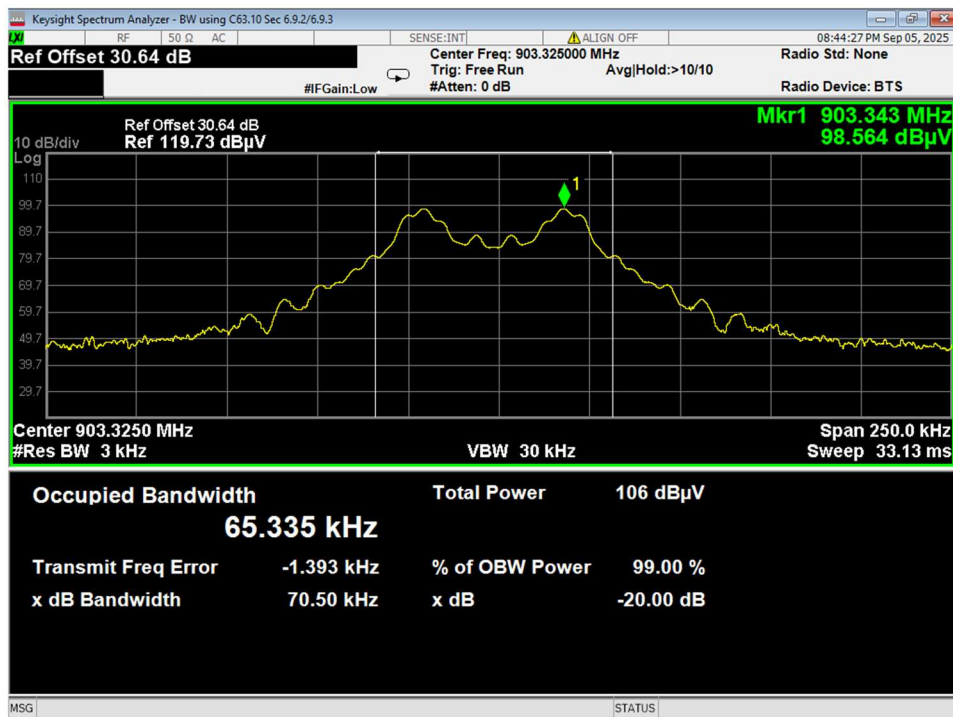


Figure 10 –Bandwidth, Low Channel

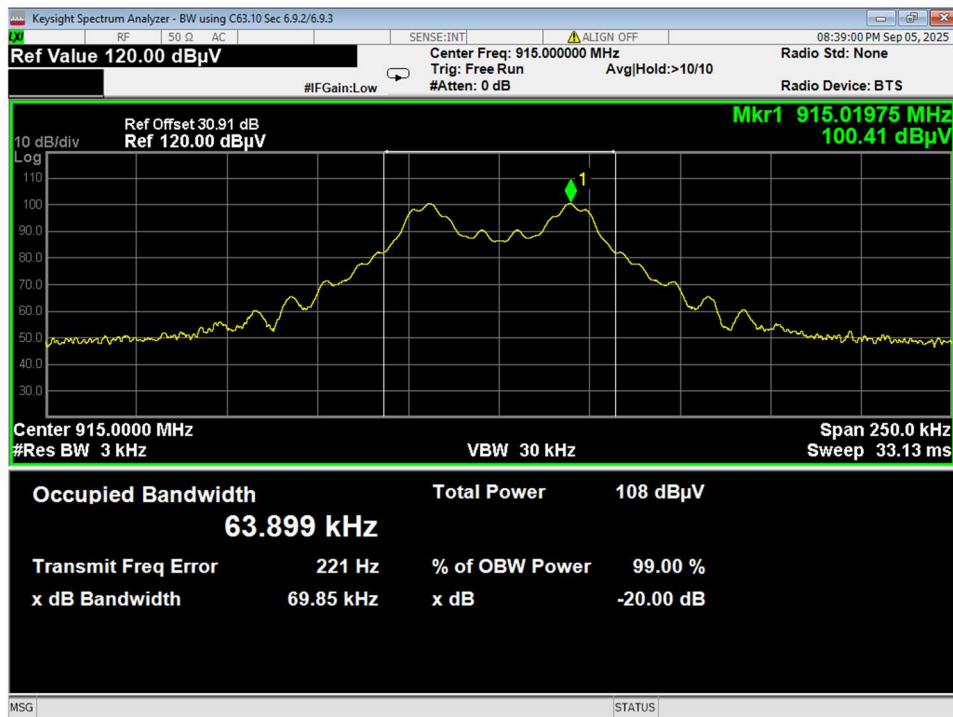


Figure 11 - Bandwidth, Mid Channel

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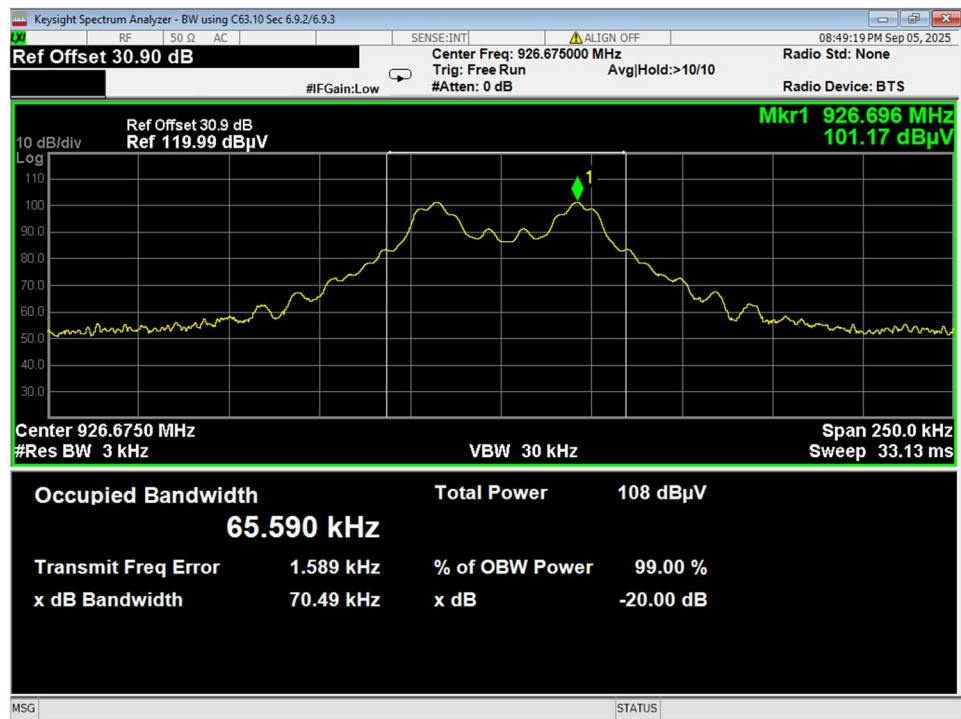


Figure 12 - Bandwidth, High Channel



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4.5 BANDEDGES

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

Limits of bandedge 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:

All measurements were taken at a distance of 3m from the EUT.

The EUT was maximized in all 3 orthogonal positions in a similar manner as described in Section 4.2.

Deviations from test standard:

No deviation.

Test setup:

All the measurements were done at 3m test distance while operating on the highest and lowest channel depending on which band edge was investigated.

EUT operating conditions:

The EUT was powered by internal battery unless specified and set to transmit continuously on the lowest frequency channel and the highest frequency channel.

Test results:

Refer to section 4.0 for the results table.

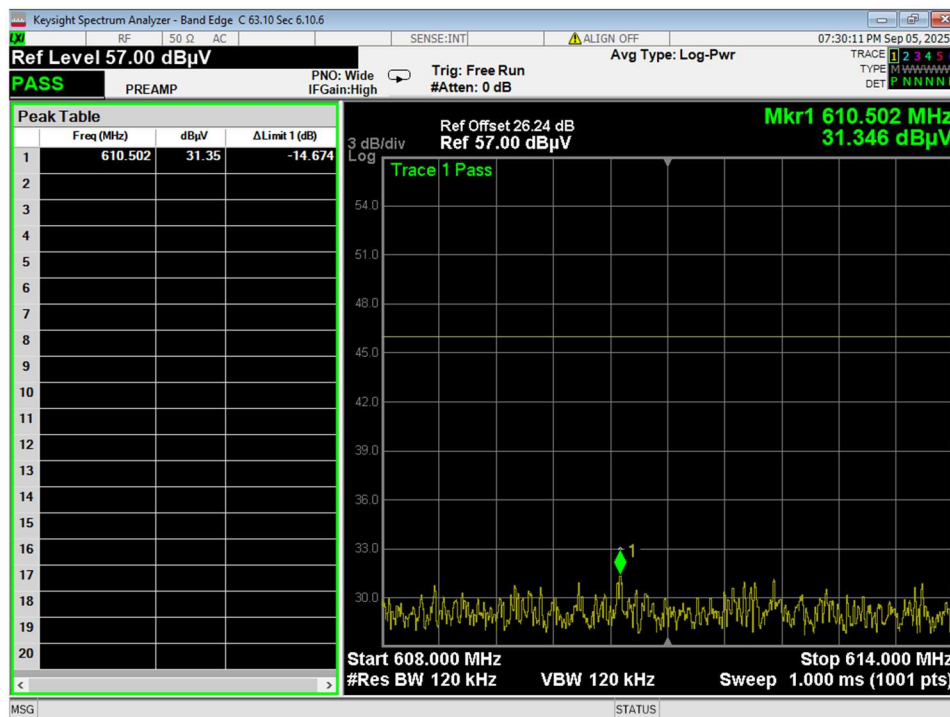


Figure 13 –Band-edge Measurement, Low Channel, Restricted Frequency

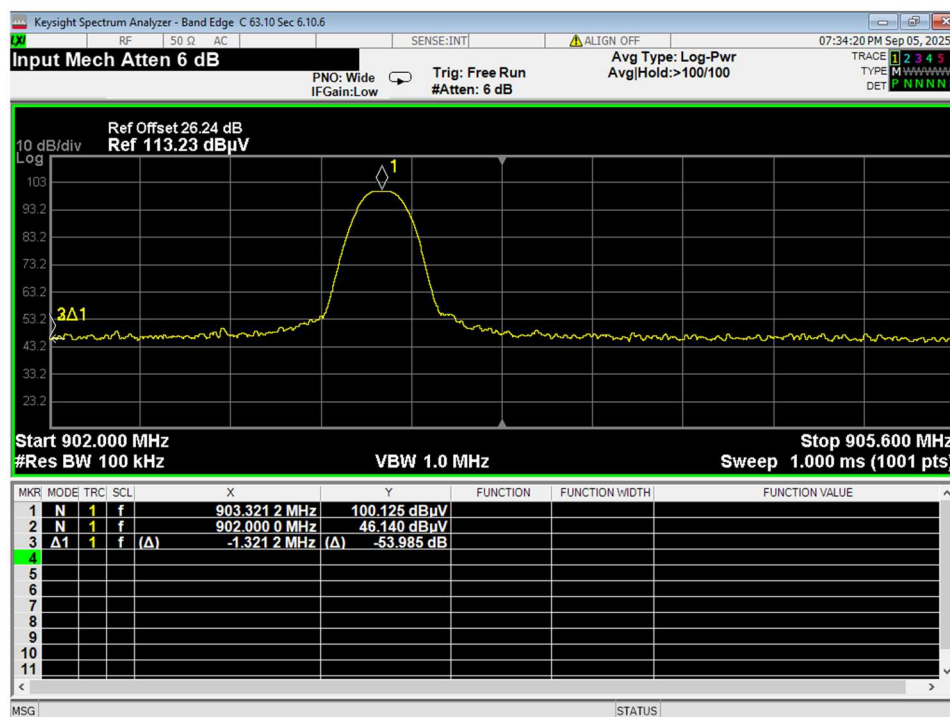


Figure 14 –Band-edge Measurement, Low Channel, Unrestricted Frequency

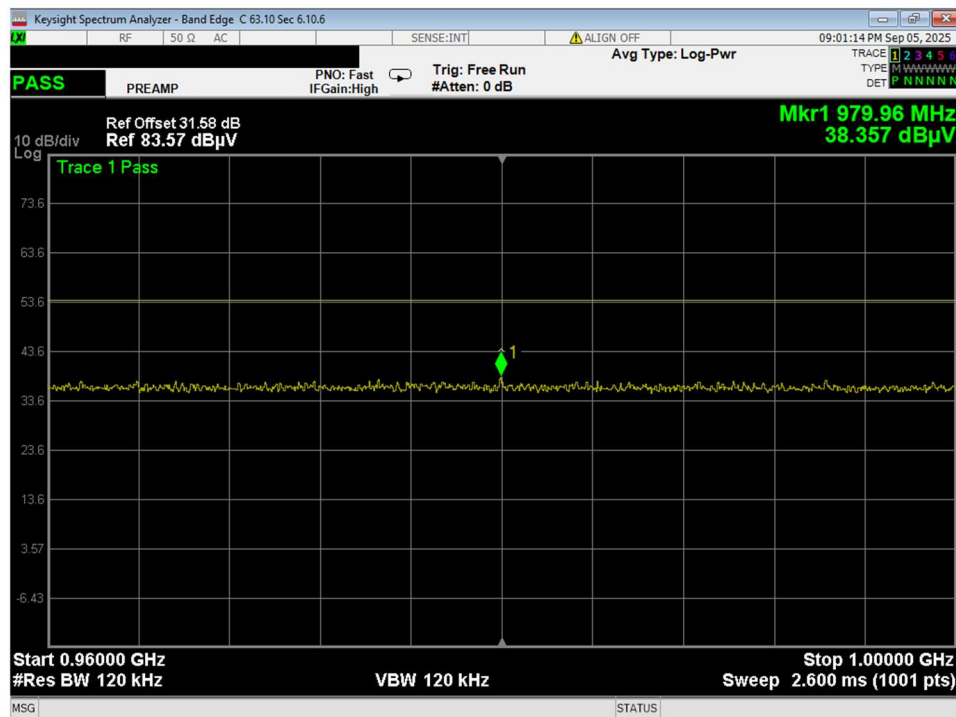


Figure 15 –Band-edge Measurement, High Channel, Restricted Frequency

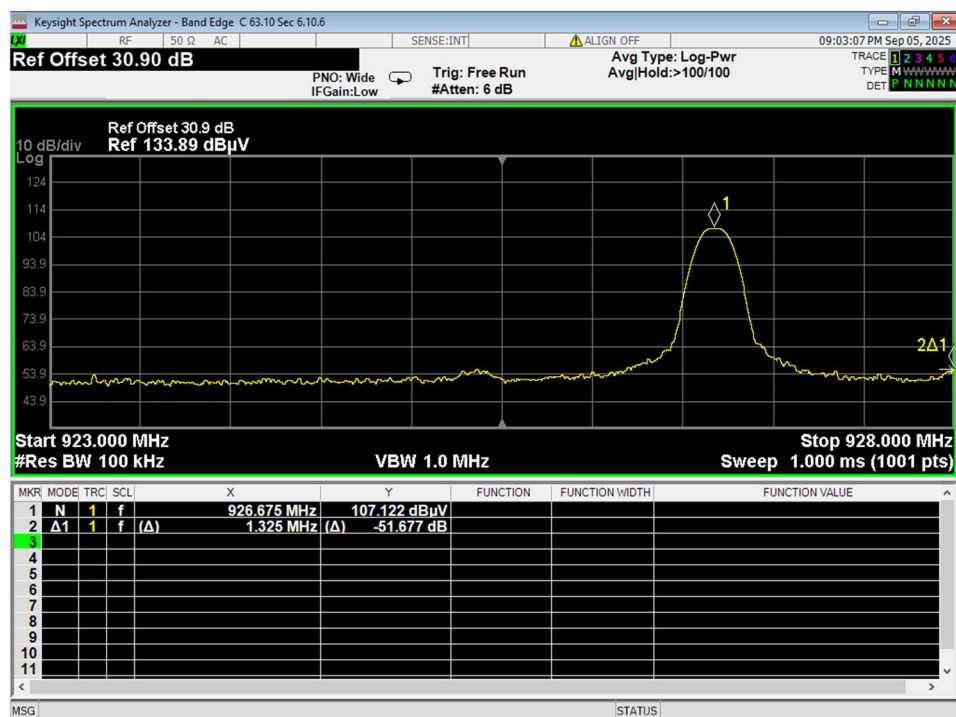


Figure 16 – Band-edge Measurement, High Channel, Unrestricted Frequency



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4.6 CARRIER FREQUENCY SEPARATION, NUMBER OF HOPPING CHANNELS, TIME OF OCCUPANCY

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

Limits for Time of Occupancy

Average time of occupancy on any frequency should not exceed 0.4 seconds within a 20 second period.

Test procedures:

The method is from FCC DA 00-705

Test setup:

Radiated measurements.

EUT operating conditions:

The EUT was powered by USB and set to Hopping mode.

Test results:

On time recorded was $8.585\text{ms} \times 32 = 274.72\text{ms}$.

Time of Occupancy =
 $274.72\text{ms} < 400\text{ms}$ (15.247 Limit)

Total Hop Count =
53 Channels

Frequency Separation: the minimum frequency separation meets the requirements:

Separation: 448.4kHz

20dB Bandwidth: 70.50kHz

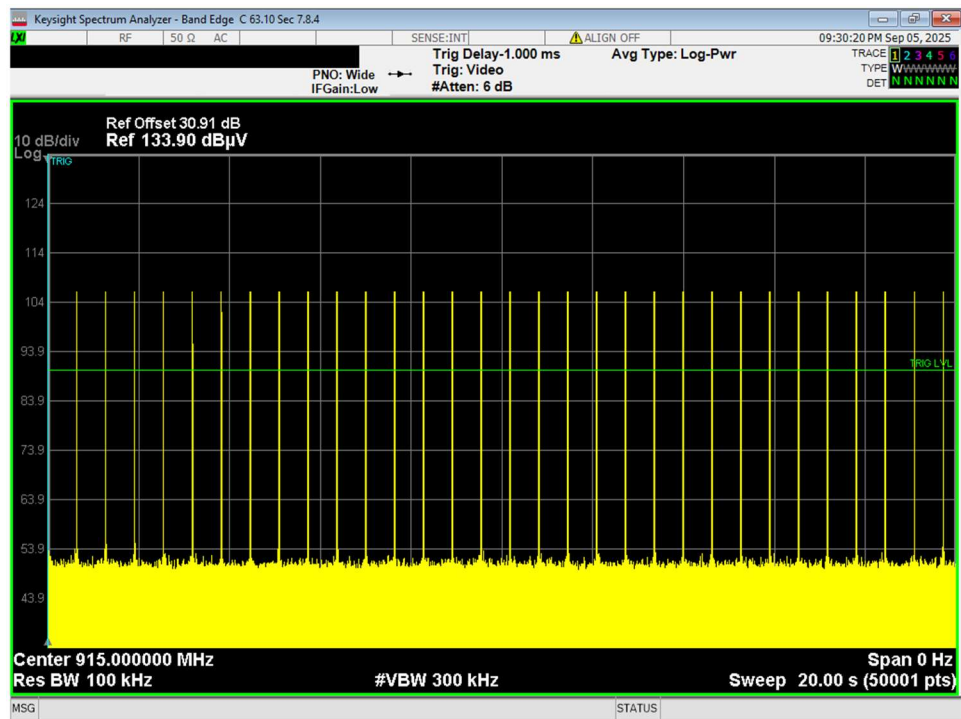


Figure 17 – On time, total duration

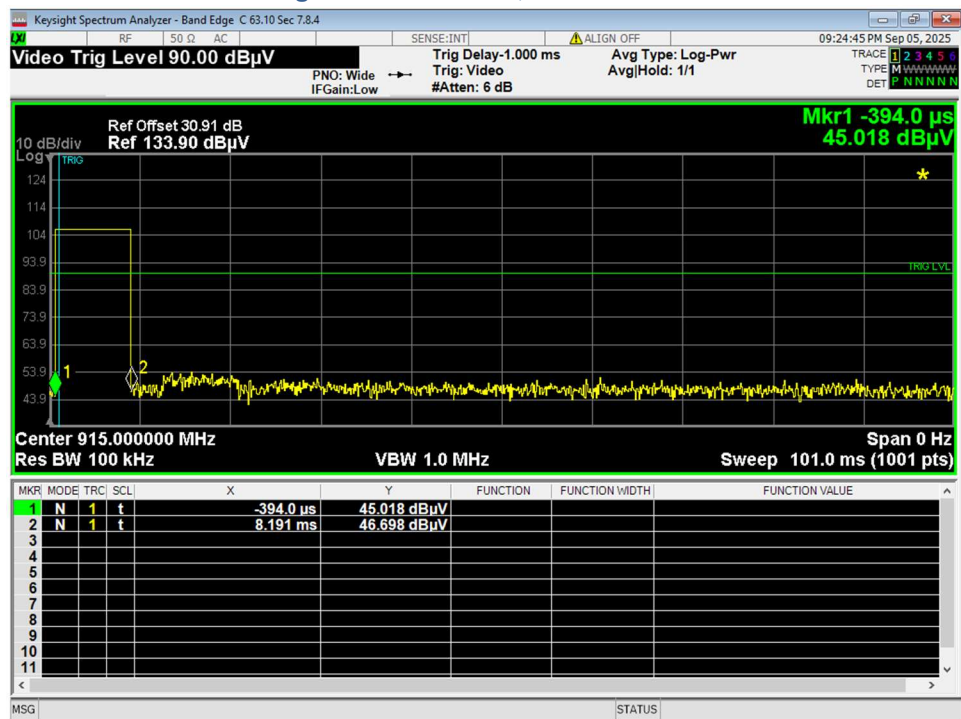


Figure 18 – On time, detail

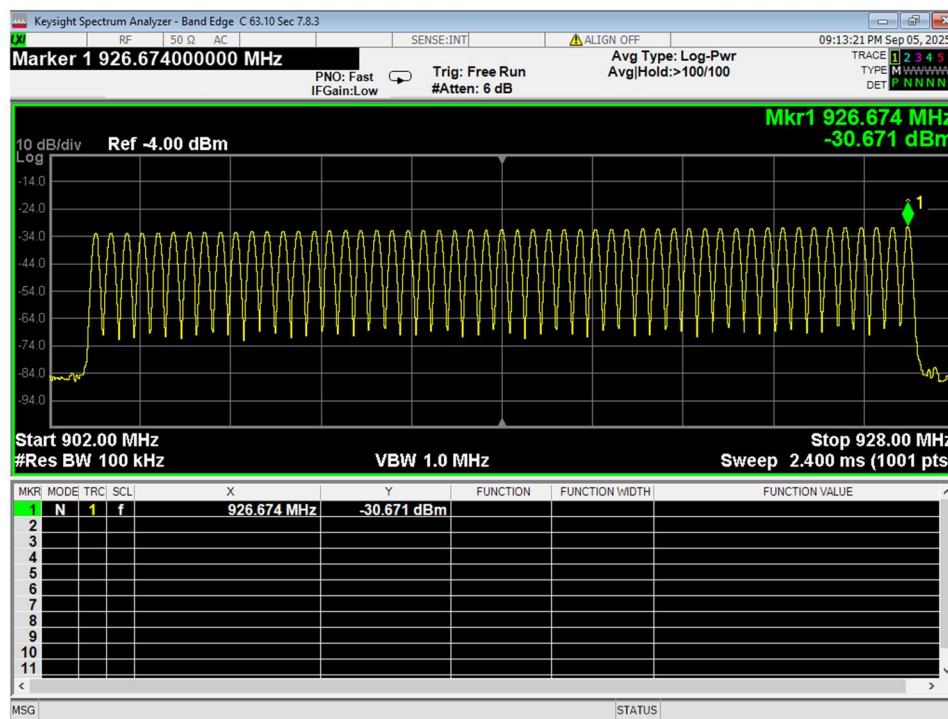


Figure 19 – Hop count



Figure 20 – Minimum Frequency Separation



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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 dB μ V

AF = Antenna Factor

CF = Cable Attenuation Factor

AG = Preamplifier Amplifier Gain

Assume a receiver reading of 55.00 dB μ V 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 dB μ V/m.

$$FS = 55.00 + 12.00 - (-1.10 + 20.00) = 48.1 \text{ dB}\mu\text{V/m}$$

The 48.1 dB μ V/m value can be mathematically converted to its corresponding level in μ V/m.

$$\text{Level in } \mu\text{V/m} = \text{Common Antilogarithm } [(48.1 \text{ dB}\mu\text{V/m})/20] = 254.1 \mu\text{V/m}$$

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 dB μ V

IL = LISN Insertion Loss

CF = Cable Attenuation Factor

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APPENDIX B – MEASUREMENT UNCERTAINTY

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	4.50	5.3
Radiated Emissions, 3m	1GHz – 6GHz	5.14	5.2
Radiated Emissions, 3m	6GHz – 18GHz	5.14	5.5

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.



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REPORT END