# Assa Abloy Access and Egress Hardware Group, Inc.

# TEST REPORT

**SCOPE OF WORK**
Emissions Testing – LNK100 SAB

**REPORT NUMBER**
106550096BOX-018.2

**ISSUE DATE**
August 2, 2026

**[REVISED DATE]**
August 31, 2026

**DOCUMENT CONTROL NUMBER**
Non-Specific Radio Report Shell Rev. June 2024


# EMISSIONS REPORT

(FULL COMPLIANCE)

**Report Number:** 106550096BOX-018.2
**Project Number:** G106550096

**Report Issue Date:** August 2, 2026
**Report Revision Date:** August 31, 2026

**Model(s) Tested:** LNK100 SAB
**Model(s) Partially Tested:** See Section 4.0
**Model(s) Not Tested but declared equivalent by the client:** None

**Standards:** CFR47 FCC Part 15 Subpart C, Section 15.247: 06/2026
CFR47 FCC Part 15 Subpart C, Section 15.209: 06/2026
CFR47 FCC Part 15 Subpart B, Section 15.109: 06/2026
ISED RSS-247 Issue 4 July 24, 2025
ISED ICES-003 Issue 7 October 2020
KDB 558074 D01 15.247 Meas Guidance v05r02: 04/2019
RSS-Gen Issue 6

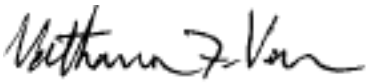
Tested by:
Intertek (ISED CAB ID: US0091)
70 Codman Hill Road
Boxborough, MA 01719
USA

Client:
Assa Abloy Access and Egress Hardware Group, Inc.
225 Episcopal Road
Berlin, CT 06037
USA

Report prepared by

Kouma Sinn / Senior Staff Engineer

Report reviewed by



Vathana Ven / Senior Staff Engineer

Table of Contents

## 1 Introduction and Conclusion

The tests indicated in section 2.0 were performed on the product constructed as described in section 4.0. The remaining test sections are the verbatim text from the actual data sheets used during the investigation. These test sections include the test name, the specified test Method, a list of the actual Test Equipment Used, documentation Photos, Results and raw Data. No additions, deviations, or exclusions have been made from the standard(s) unless specifically noted.

Based on the results of our investigation, we have concluded the product tested **complies** with the requirements of the standard(s) indicated. The results obtained in this test report pertain only to the item(s) tested. Intertek does not make any claims of compliance for samples or variants which were not tested.

## 2 Test Summary

| Section | Test full name | Result |
|---|---|---|
| 3 | Client Information | -- |
| 4 | Description of Equipment Under Test and Variant Models | -- |
| 5 | System Setup and Method | -- |
| 6 | Maximum Peak Output<br>CFR47 FCC Part 15 Subpart C, Section 15.247 (b)(3): 06/2026<br>ISED RSS-247 Issue 4 July 24, 2025 | Pass |
| 7 | 6 dB Bandwidth (DTS Bandwidth) and Occupied Bandwidth<br>CFR47 FCC Part 15 Subpart C, Section 15.247 (a)(2): 06/2026<br>ISED RSS-247 Issue 4 July 24, 2025 | Pass |
| 8 | Maximum Power Spectral Density<br>CFR47 FCC Part 15 Subpart C, Section 15.247 (e): 06/2026<br>ISED RSS-247 Issue 4 July 24, 2025 | Pass |
| 9 | Band Edge Compliance<br>CFR47 FCC Part 15 Subpart C, Section 15.247 (d): 06/2026<br>ISED RSS-247 Issue 4 July 24, 2025 | Pass |
| 10 | Transmitter spurious emissions<br>CFR47 FCC Part 15 Subpart C, Section 15.247 (d): 06/2026<br>CFR47 FCC Part 15 Subpart C, Section 15.209: 03/2026<br>ISED RSS-247 Issue 4 July 24, 2025 | Pass |
| 11 | Digital Device Radiated Spurious Emissions<br>CFR47 FCC Part 15 Subpart B 15.109: 03/2026<br>ISED ICES-003 Issue 7 October 2020 | Pass |
| -- | AC Mains Conducted Emissions<br>FCC 47CFR Part 15.107: 05/2026<br>ISED ICES-003 Issue 7 October 2020 | N/A* |
| 12 | Revision History | -- |

Notes: Test not applicable as the EUT is battery powered with no AC mains connection.

## 3 Client Information

**This EUT was tested at the request of:**

**Client:** Assa Abloy Access and Egress Hardware Group, Inc.
225 Episcopal Road
Berlin, CT 06037
USA

**Contact:** Steve Morse
**Telephone:** 203-499-6836
**Email:** steve.morse@assaabloy.com

## 4 Description of Equipment Under Test and Variant Models

**Manufacturer:** Assa Abloy Access and Egress Hardware Group, Inc.
225 Episcopal Road
Berlin, CT 06037
USA

| Equipment Under Test | | | | | |
|---|---|---|---|---|---|
| Description | Manufacturer | Model Number | Serial Number | HVIN | PMN |
| Real-time wireless access control | Assa Abloy Access and Egress Hardware Group, Inc. | LNK100 SAB | 1BBFD1 | V3 | LNK100-SAB, LNK100-SAM, LNK100-CRB, LNK100-CRM |

| | |
|---|---|
| Receive Date: | 06/02/2026 |
| Received Condition: | Good |
| Type: | Production |

| Description of Equipment Under Test (provided by client) |
|---|
| Real-time wireless access control |

| Equipment Under Test Power Configuration | | | |
|---|---|---|---|
| Rated Voltage | Rated Current | Rated Frequency | Number of Phases |
| 6 V (4 x 1.5 V Batteries) | 1.5 A | DC | N/A |

**Operating modes of the EUT:**

| No. | Descriptions of EUT Exercising |
|---|---|
| 1 | BLE & Zigbee – Pre-programmed to transmit at low, mid, and high channels |
| 2 | BLE & Zigbee – Pre-programmed to receive mode. |

**Software used by the EUT:**

| No. | Descriptions of EUT Exercising |
|---|---|
| 1 | None |

| BLE & Zigbee Characteristics | |
|---|---|
| **Frequency Band(s)** | 2402-2480 MHz |
| **Modulation Type(s)** | GFSK |
| **BLE Maximum Conducted Output Power** | Low Channel (2402 MHz): +2.00 dBm<br>Mid Channel (2440 MHz): -0.46 dBm<br>High Channel (2480 MHz): -1.94 dBm |
| **Zigbee Maximum Conducted Output Power** | Low Channel (2405 MHz): +4.20 dBm<br>Mid Channel (2440 MHz): +2.26 dBm<br>High Channel (2480 MHz): +0.35 dBm |
| **BLE Test Channels** | Low Channel: 2402 MHz<br>Mid Channel: 2440 MHz<br>High Channel: 2480 MHz |
| **Zigbee Test Channels** | Low Channel: 2405 MHz<br>Mid Channel: 2440 MHz<br>High Channel: 2480 MHz |
| **BLE Occupied Bandwidth** | Low Channel (2402 MHz): 1.083 MHz<br>Mid Channel (2440 MHz): 1.069MHz<br>High Channel (2480 MHz): 1.7105 MHz |
| **Zigbee Occupied Bandwidth** | Low Channel (2405 MHz): 2.582 MHz<br>Mid Channel (2440 MHz): 2.621 MHz<br>High Channel (2480 MHz): 2.762 MHz |
| **BLE DTS Bandwidth** | Low Channel (2402 MHz): 689.30 kHz<br>Mid Channel (2440 MHz): 669.30 kHz<br>High Channel (2480 MHz): 704.30 kHz |
| **Zigbee DTS Bandwidth** | Low Channel (2402 MHz): 1.640 MHz<br>Mid Channel (2440 MHz): 1.650 MHz<br>High Channel (2480 MHz): 1.610 MHz |
| **Equipment Type** | Standalone |
| **Antenna Type and Gain** | Integral, 1.8 dBi gain |

**Variant Models:**

The following variant models were not tested as part of this evaluation, but have been identified by the manufacturer as being electrically identical models, depopulated models, or with reasonable similarity to the model(s) tested. Intertek does not make any claims of compliance for samples or variants which were not tested.

LNK100 CRB
LNK100 CRM
LNK100 SAM

Notes: Only output power of all models above were measured. The worst-case output power model LNK100 SAB was used for final testing.

## 5 System Setup and Method

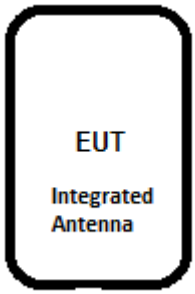
| Cables | | | | | |
|---|---|---|---|---|---|
| ID | Description | Length (m) | Shielding | Ferrites | Termination |
| -- | None | N/A | N/A | N/A | N/A |

| Support Equipment | | | |
|---|---|---|---|
| Description | Manufacturer | Model Number | Serial Number |
| None | N/A | N/A | N/A |

### 5.1 Method:

Configuration as required by ANSI C63.10-2013, ANSI C63.10-2020, ANSI C63.10-2020/Cor1-2023, RSS-GEN Issue 6 July 30, 2026, and KDB 558074 D01 15.247 Meas Guidance v05r02: 04/2019.

### 5.2 EUT Block Diagram:



# 6 Maximum Peak Output Power

## 6.1 Method

Tests are performed in accordance with CFR47 FCC Part 15.247, RSS-247, ANSI C63.10, and KDB 558074 D0115.247 Meas Guidancev05r02.

**TEST SITE:** 10m ALSE

**The 10m ALSE** is 13m (Length) x 21m (Depth) x 10m (Height) with the effective size in terms of space from the tips of the absorber is 12m (Length) x 20m (Depth) x 8.5m (Height). This chamber achieves broadband performance using a unique arrangement of hybrid and ferrite tile absorber. This chamber has a built in 3m diameter turntable (Embedded type). The metal structure of the table makes electrical connection around the entire circumference of the turntable to the ground plane with a metal brush type connection. The turntable is located on one end of the chamber and the antennas are mounted 3 and 10 meters away at the other end of the chamber on the adjustable an Antenna Mast. The antenna mast is a non-conductive bore sighted type with remote control of antenna height and polarization. The Antenna Mast and the turntable can be remotely controlled through the controller located in the adjacent Control room. A Styrofoam table 80 cm high is used for table-top equipment.

**Measurement Uncertainty**

| Measurement | Frequency Range | Expanded Uncertainty (k=2) | Ucispr |
|---|---|---|---|
| Radiated Emissions, 10m | 30-1000 MHz | 4.6dB | 6.3 dB |
| Radiated Emissions, 3m | 30-1000 MHz | 5.3 dB | 6.3 dB |
| Radiated Emissions, 3m | 1-6 GHz | 4.5 dB | 5.2 dB |
| Radiated Emissions, 3m | 6-15 GHz | 5.2 dB | 5.5 dB |
| Radiated Emissions, 3m | 15-18 GHz | 5.0 dB | 5.5 dB |
| Radiated Emissions, 3m | 18-40 GHz | 5.0 dB | 5.5 dB |

As shown in the table above our radiated emissions $U_{lab}$ is less than the corresponding $U_{CISPR}$ reference value in CISPR 16-4-2 Table 1, hence the compliance of the product is only based on the measured value, and no measurement uncertainty correction is required, based on CISPR 22 and CISPR 11 (for 2006 and later revisions) Clause 11.

**Sample Calculation**

The field strength is calculated 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 = RA + AF + CF - AG
Where FS = Field Strength in dBμV/m
RA = Receiver Amplitude (including preamplifier) in dBμV
CF = Cable Attenuation Factor in dB
AF = Antenna Factor in dB
AG = Amplifier Gain in dB

In the following table(s), the reading shown on the data table reflects the preamplifier gain. An example for the calculations in the following table is as follows.

Assume a receiver reading of 52.0 dBμV is obtained. The antenna factor of 7.4 dB and cable factor of 1.6 dB is added. The amplifier gain of 29 dB is subtracted, giving a field strength of 32 dBμV/m. This

value in dBμV/m was converted to its corresponding level in μV/m.

RA = 52.0 dBμV
AF = 7.4 dB/m
CF = 1.6 dB
AG = 29.0 dB
FS = 32 dBμV/m

To convert from dBμV to μV or mV the following was used:

$UF = 10^{(NF / 20)}$ where UF = Net Reading in μV
NF = Net Reading in dBμV

**Example:**

FS = RA + AF + CF – AG = 52.0 + 7.4 + 1.6 – 29.0 = 32.0
$UF = 10^{(32\ dB\mu V / 20)}$ = 39.8 μV/m

Alternately, when BAT-EMC Emission Software is used, the “Level” includes all losses and gains and is compared directly in the “Margin” column to the “Limit”. The “Correction” includes Antenna Factor, Preamp, and Cable Loss. These are already accounted for in the “Level” column.

## 6.2 Limits:

Limits – FCC Part §15.247 (b) (3) For systems using digital modulation in the 902-928 MHz, 2400-2483.5 MHz, and 5725-5850 MHz bands: 1 Watt or 30 dBm.

Notes: The limit for RSS-247 is the same as the FCC limits above.

## 6.3 Test Equipment Used:

| Asset | Description | Manufacturer | Model | Serial | Cal Date | Cal Due |
|---|---|---|---|---|---|---|
| DAV005’ | Weather Station | Davis | 6250 | MS191218083 | 03/16/2026 | 03/16/2027 |
| HS004’ | 2M long | Huber suhner | SF118A | 505108/118A | 10/09/2025 | 10/09/2026 |
| HS009’ | 8m long | Hubner Suhner | SF106 | 537115/6 | 10/09/2025 | 10/09/2026 |
| HS013’ | 12.5M long | Hubner Suhner | SF106 | 537114/6 | 10/09/2025 | 10/09/2026 |
| ETS002’ | 1-18GHz DRG Horn Antenna | ETS Lindgren | 3117 | 00143260 | 09/18/2025 | 09/18/2026 |
| ROS014’ | Receiver 1Hz-44GHz | Rhode & Schwarz | ESW 44 | 103232 | 06/17/2025 | 06/17/2026 |

**Software Utilized:**

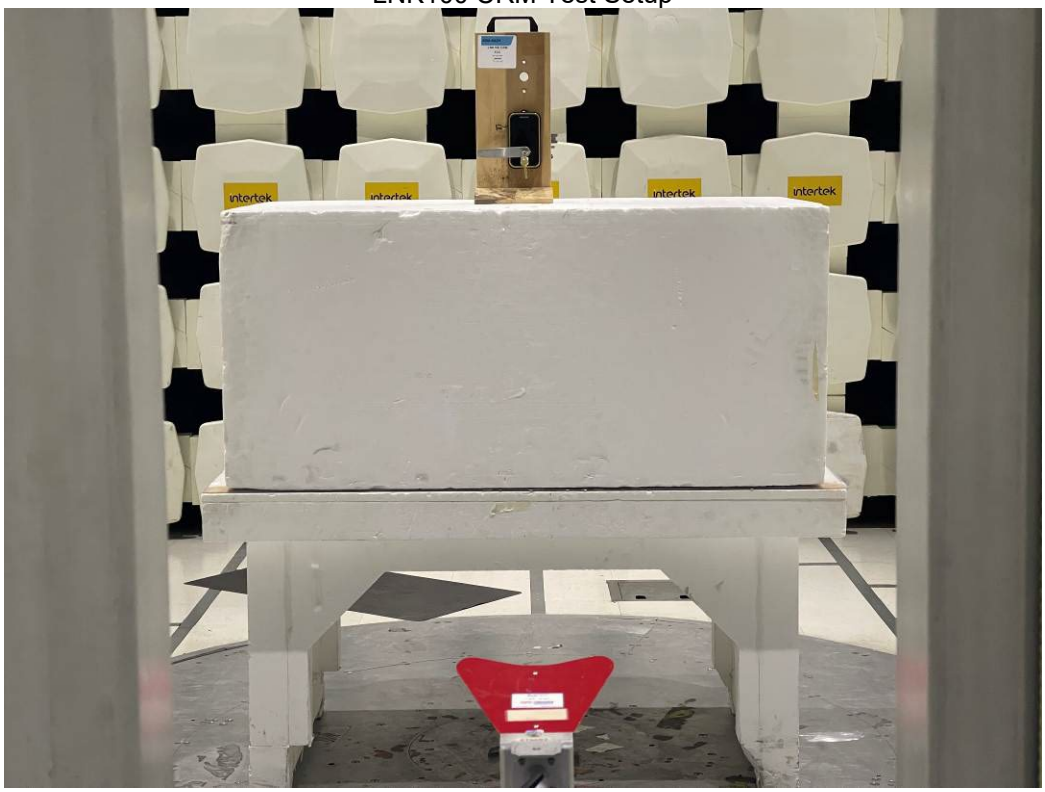
| Name | Manufacturer | Version |
|---|---|---|
| None | | |

## 6.4 Results:

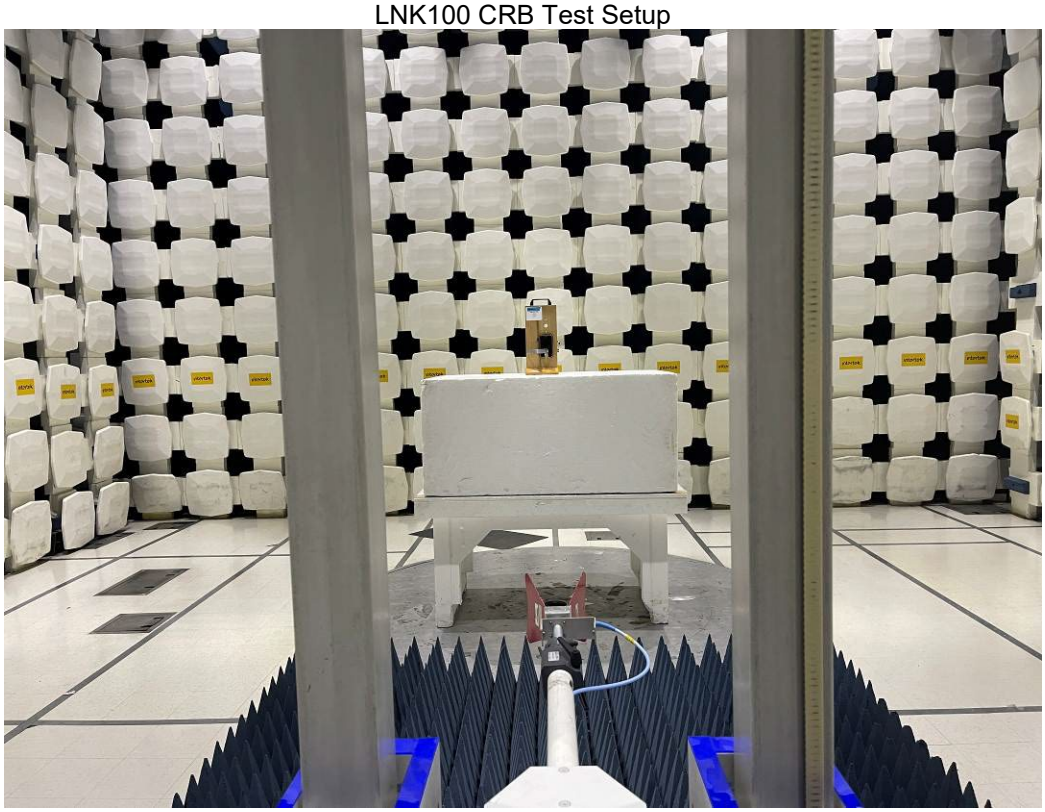
The sample tested was found to Comply.

## 6.5 Setup Photographs:

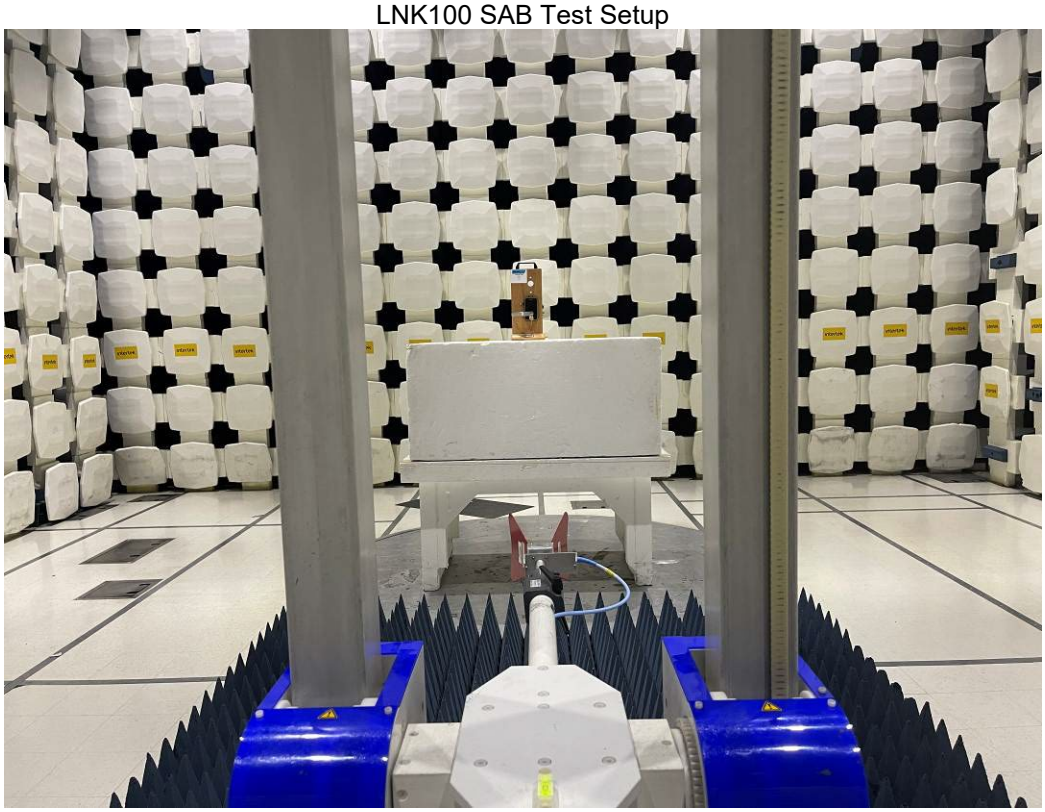
LNK100 CRM Test Setup



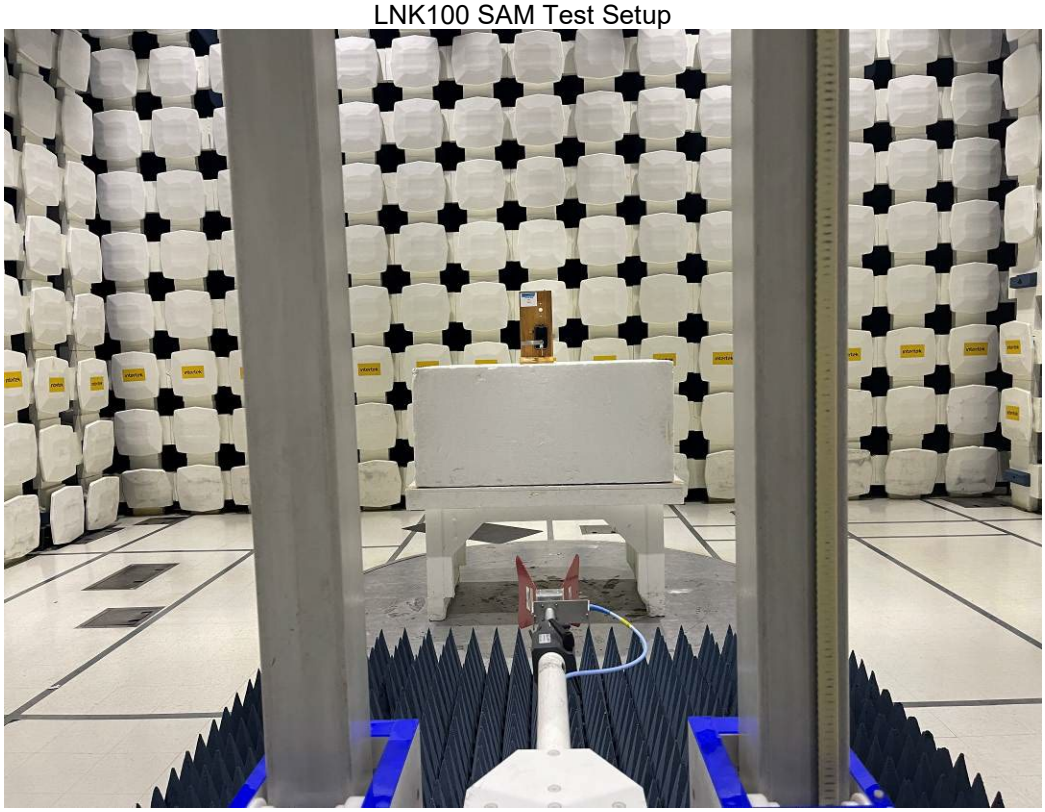
LNK100 CRB Test Setup



LNK100 SAB Test Setup



LNK100 SAM Test Setup



### 6.6 Test Data:

BLE

| EUT | Frequency (MHz) | Field Strength (dBµV/m) | EIRP (dBm) | Antenna Gain (dBi) | Conducted Power (dBm) | Conducted Power Limit (dBm) | Results |
|---|---|---|---|---|---|---|---|
| LNK100 SAB | 2402.00 | 99.00 | 3.80 | 1.80 | 2.00 | 30.00 | Compliance |
| | 2440.00 | 96.54 | 1.34 | 1.80 | -0.46 | 30.00 | Compliance |
| | 2480.00 | 95.06 | -0.14 | 1.80 | -1.94 | 30.00 | Compliance |
| LNK100 CRB | 2402.00 | 98.29 | 3.09 | 1.80 | 1.29 | 30.00 | Compliance |
| | 2440.00 | 96.30 | 1.10 | 1.80 | -0.70 | 30.00 | Compliance |
| | 2480.00 | 94.27 | -0.93 | 1.80 | -2.73 | 30.00 | Compliance |
| LNK100 CRM | 2402.00 | 97.08 | 1.88 | 1.80 | 0.08 | 30.00 | Compliance |
| | 2440.00 | 95.33 | 0.13 | 1.80 | -1.67 | 30.00 | Compliance |
| | 2480.00 | 94.85 | -0.35 | 1.80 | -2.15 | 30.00 | Compliance |
| LNK100 SAM | 2402.00 | 95.99 | 0.79 | 1.80 | -1.01 | 30.00 | Compliance |
| | 2440.00 | 95.22 | 0.02 | 1.80 | -1.78 | 30.00 | Compliance |
| | 2480.00 | 93.35 | -1.85 | 1.80 | -3.65 | 30.00 | Compliance |

Zigbee

| EUT | Frequency (MHz) | Field Strength (dBµV/m) | EIRP (dBm) | Antenna Gain (dBi) | Conducted Power (dBm) | Conducted Power Limit (dBm) | Results |
|---|---|---|---|---|---|---|---|
| LNK100 SAB | 2405.00 | 101.2 | 6.00 | 1.80 | 4.20 | 30.00 | Compliance |
| | 2440.00 | 99.26 | 4.06 | 1.80 | 2.26 | 30.00 | Compliance |
| | 2480.00 | 97.35 | 2.15 | 1.80 | 0.35 | 30.00 | Compliance |
| LNK100 CRB | 2402.00 | 94.94 | -- | -- | -- | -- | N/A |
| | 2440.00 | 96.30 | -- | -- | -- | -- | N/A |
| | 2480.00 | 96.05 | -- | -- | -- | -- | N/A |
| LNK100 CRM | 2405.00 | 94.94 | -- | -- | -- | -- | N/A |
| | 2440.00 | 94.65 | -- | -- | -- | -- | N/A |
| | 2480.00 | 92.65 | -- | -- | -- | -- | N/A |
| LNK100 SAM | 2405.00 | 100.15 | -- | -- | -- | -- | N/A |
| | 2440.00 | 98.78 | -- | -- | -- | -- | N/A |
| | 2480.00 | 96.85 | -- | -- | -- | -- | N/A |

Note 1:
EIRP = $E_{Meas}$ + 20*log($d_{Meas}$) – 104.7
EIRP is the equivalent isotropically radiated power, in dBm
$E_{Meas}$ is the field strength of the emission at measurement distance, in dBµV/m.
$d_{Meas}$ is the measurement distance, in m.

Note 2: Conducted Power = EIRP (dBm) – Antenna Gain (dBi)

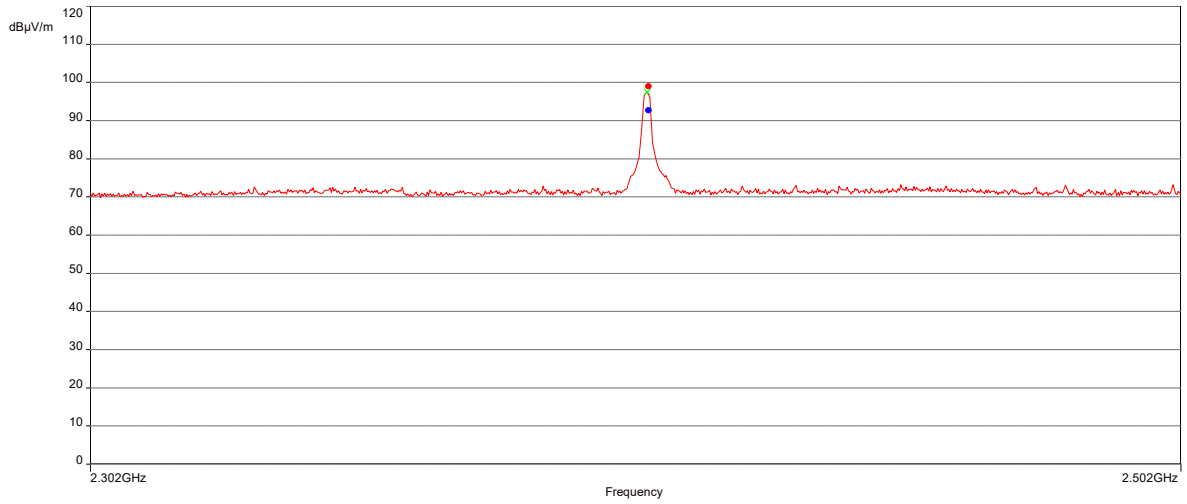
Notes 3: The model LNK100 SAB has the highest output power. It was selected for a full testing.

LNK100 SAB – BLE Low Channel Output Power, 2402 MHz

**Test Information**:

| | |
|---|---|
| Date and Time | 6/2/2026 2:31:10 PM |
| Client and Project Number | Assa Abloy |
| Engineer | Kouma Sinn |
| Temperature | 22 deg C |
| Humidity | 43 % |
| Atmospheric Pressure | 1011 mbars |
| Comments | Scan 20_LNK100 SAB, BLE (Tx Low 2402 MHz), RE Fundamental |

**Graph**:




**Results:**

Peak (PASS) (1)

| Frequency (MHz) | Level (dBµV/m) | Limit (dBµV/m) | Azimuth (°) | Height (m) | Pol. | RBW | Meas.Time (s) | Correction (dB) |
|---|---|---|---|---|---|---|---|---|
| 2402.237 | 99.00 | -- | 67.00 | 2.37 | Horizontal | 1M | 5.00 | 38.33 |

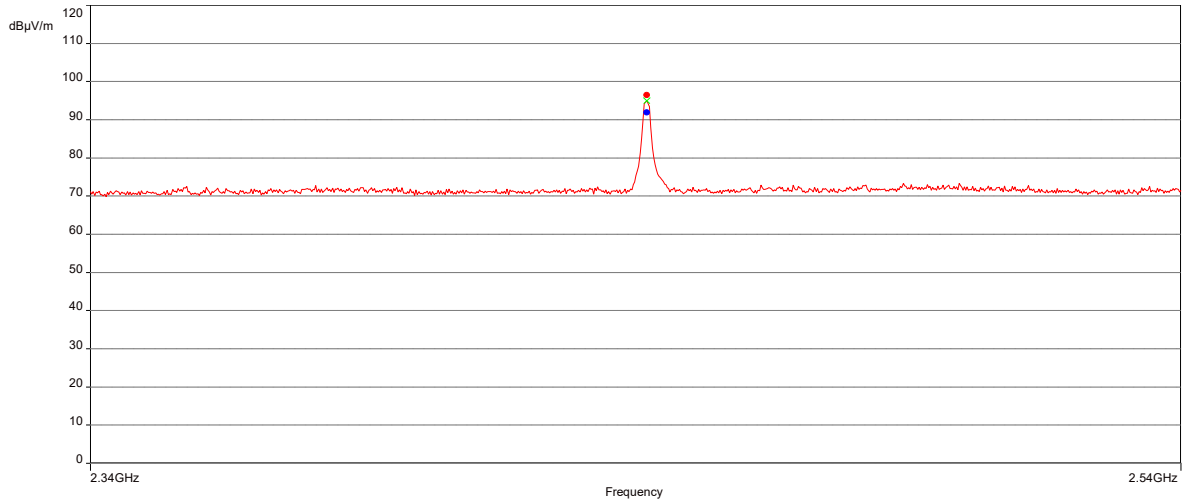
$EIRP = E_{Meas} + 20*\log(d_{Meas}) - 104.7$

LNK100 SAB – BLE Mid Channel Output Power, 2440 MHz

**Test Information:**

| | |
|---|---|
| Date and Time | 6/2/2026 2:19:31 PM |
| Client and Project Number | Assa Abloy |
| Engineer | Kouma Sinn |
| Temperature | 22 deg C |
| Humidity | 43 % |
| Atmospheric Pressure | 1011 mbars |
| Comments | Scan 19_LNK100 SAB, BLE (Tx Mid 2440 MHz), RE Fundamental |

**Graph:**




**Results:**

Peak (PASS) (1)

| Frequency (MHz) | Level (dBµV/m) | Limit (dBµV/m) | Azimuth (°) | Height (m) | Pol. | RBW | Meas.Time (s) | Correction (dB) |
|---|---|---|---|---|---|---|---|---|
| 2440 | 96.54 | -- | 67.30 | 2.53 | Horizontal | 1M | 5.00 | 38.51 |

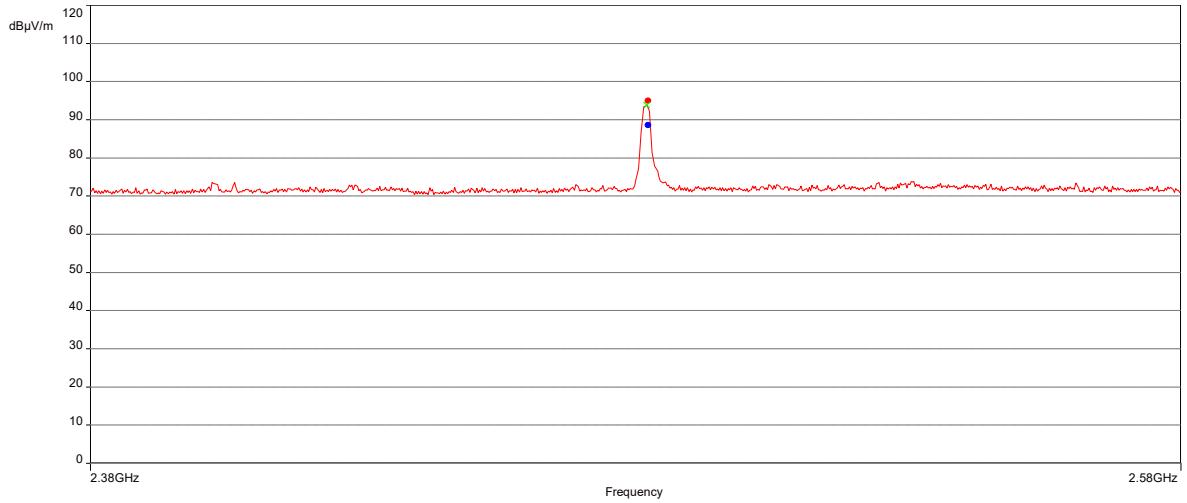
$EIRP = E_{Meas} + 20*\log(d_{Meas}) - 104.7$

LNK100 SAB – BLE High Channel Output Power, 2480 MHz

**Test Information:**

| | |
|---|---|
| Date and Time | 6/2/2026 2:07:01 PM |
| Client and Project Number | Assa Abloy |
| Engineer | Kouma Sinn |
| Temperature | 22 deg C |
| Humidity | 43 % |
| Atmospheric Pressure | 1011 mbars |
| Comments | Scan 18_LNK100 SAB, BLE (Tx High 2480 MHz), RE Fundamental |

**Graph:**




**Results:**

Peak (PASS) (1)

| Frequency (MHz) | Level (dBµV/m) | Limit (dBµV/m) | Azimuth (°) | Height (m) | Pol. | RBW | Meas.Time (s) | Correction (dB) |
|---|---|---|---|---|---|---|---|---|
| 2480.237 | 95.06 | -- | 74.00 | 2.47 | Horizontal | 1M | 5.00 | 38.69 |

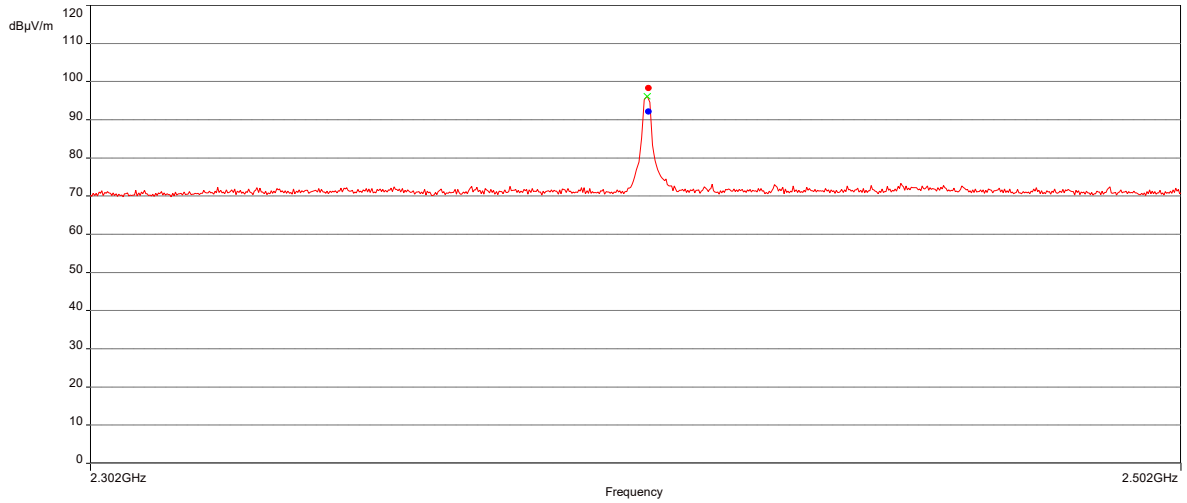
EIRP = $E_{Meas}$ + 20*log($d_{Meas}$) – 104.7

LNK100 CRB – BLE Low Channel Output Power, 2402 MHz

**Test Information:**

| | |
|---|---|
| Date and Time | 6/2/2026 1:15:07 PM |
| Client and Project Number | Assa Abloy |
| Engineer | Kouma Sinn |
| Temperature | 22 deg C |
| Humidity | 43 % |
| Atmospheric Pressure | 1011 mbars |
| Comments | Scan 14_LNK100 CRB, BLE (Tx Low 2402 MHz), RE Fundamental |

**Graph:**




**Results:**

Peak (PASS) (1)

| Frequency (MHz) | Level (dBµV/m) | Limit (dBµV/m) | Azimuth (°) | Height (m) | Pol. | RBW | Meas.Time (s) | Correction (dB) |
|---|---|---|---|---|---|---|---|---|
| 2402.237 | 98.29 | | 53.00 | 2.71 | Horizontal | 1M | 5.00 | 38.33 |

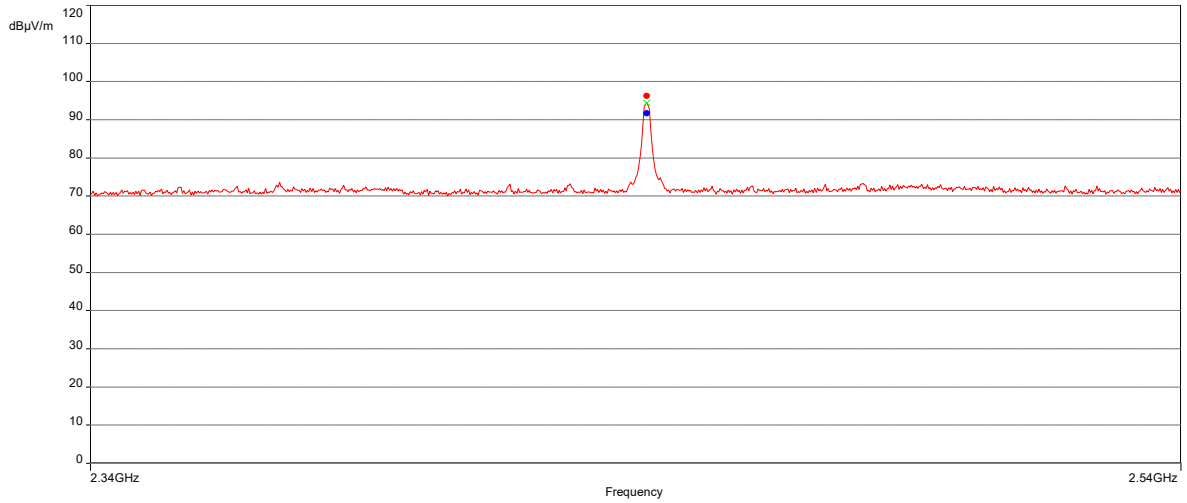
$EIRP = E_{Meas} + 20*\log(d_{Meas}) - 104.7$

LNK100 CRB – BLE Mid Channel Output Power, 2440 MHz

**Test Information:**

| | |
|---|---|
| Date and Time | 6/2/2026 1:02:32 PM |
| Client and Project Number | Assa Abloy |
| Engineer | Kouma Sinn |
| Temperature | 22 deg C |
| Humidity | 43 % |
| Atmospheric Pressure | 1011 mbars |
| Comments | Scan 13_LNK100 CRB, BLE (Tx Mid 2440 MHz), RE Fundamental |

**Graph:**




**Results:**

Peak (PASS) (1)

| Frequency (MHz) | Level (dBµV/m) | Limit (dBµV/m) | Azimuth (°) | Height (m) | Pol. | RBW | Meas.Time (s) | Correction (dB) |
|---|---|---|---|---|---|---|---|---|
| 2440.012 | 96.30 | | 67.00 | 2.37 | Horizontal | 1M | 5.00 | 38.51 |

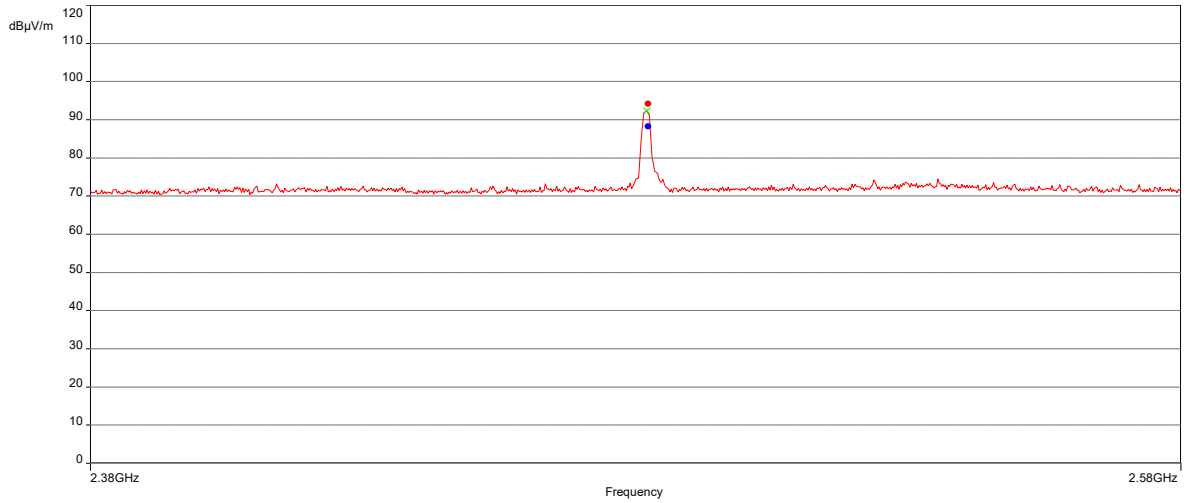
$EIRP = E_{Meas} + 20*\log(d_{Meas}) - 104.7$

LNK100 CRB – BLE High Channel Output Power, 2480 MHz

**Test Information:**

| | |
|---|---|
| Date and Time | 6/2/2026 12:46:23 PM |
| Client and Project Number | Assa Abloy |
| Engineer | Kouma Sinn |
| Temperature | 22 deg C |
| Humidity | 43 % |
| Atmospheric Pressure | 1011 mbars |
| Comments | Scan 12_LNK100 CRB, BLE (Tx High 2480 MHz), RE Fundamental |

**Graph:**




**Results:**

Peak (PASS) (1)

| Frequency (MHz) | Level (dBµV/m) | Limit (dBµV/m) | Azimuth (°) | Height (m) | Pol. | RBW | Meas.Time (s) | Correction (dB) |
|---|---|---|---|---|---|---|---|---|
| 2480.199 | 94.27 | | 74.20 | 2.02 | Horizontal | 1M | 5.00 | 38.69 |

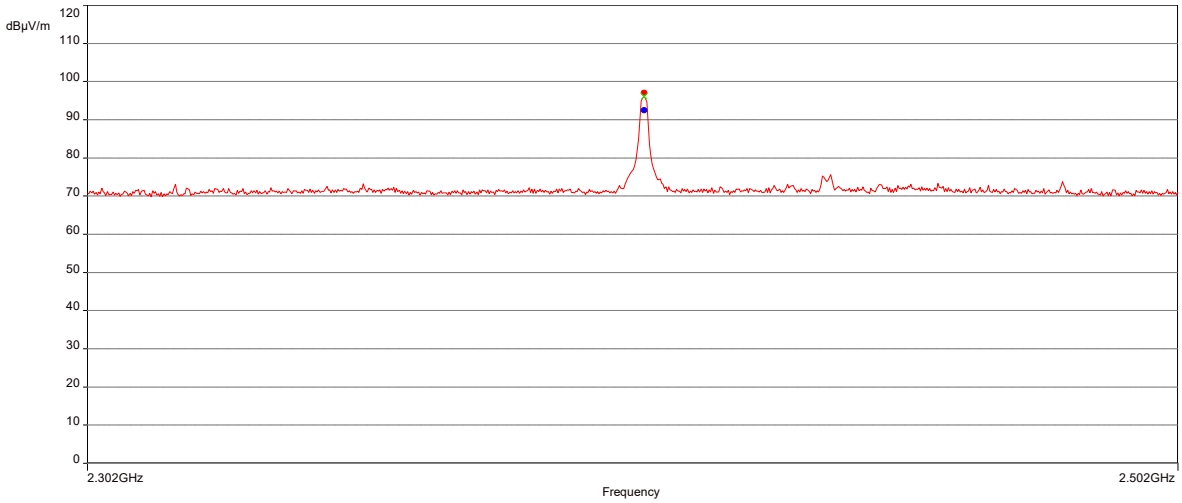
$EIRP = E_{Meas} + 20*\log(d_{Meas}) - 104.7$

LNK100 CRM – BLE Low Channel Output Power, 2402 MHz

**Test Information:**

| | |
|---|---|
| Date and Time | 6/2/2026 11:42:02 AM |
| Client and Project Number | Assa Abloy |
| Engineer | Kouma Sinn |
| Temperature | 22 deg C |
| Humidity | 43 % |
| Atmospheric Pressure | 1011 mbars |
| Comments | Scan 8_LNK100 CRM, BLE (Tx Low 2402 MHz), RE Fundamental |

**Graph:**




**Results:**

Peak (PASS) (1)

| Frequency (MHz) | Level (dBµV/m) | Limit (dBµV/m) | Azimuth (°) | Height (m) | Pol. | RBW | Meas.Time (s) | Correction (dB) |
|---|---|---|---|---|---|---|---|---|
| 2402 | 97.08 | | 88.30 | 2.29 | Horizontal | 1M | 5.00 | 38.33 |

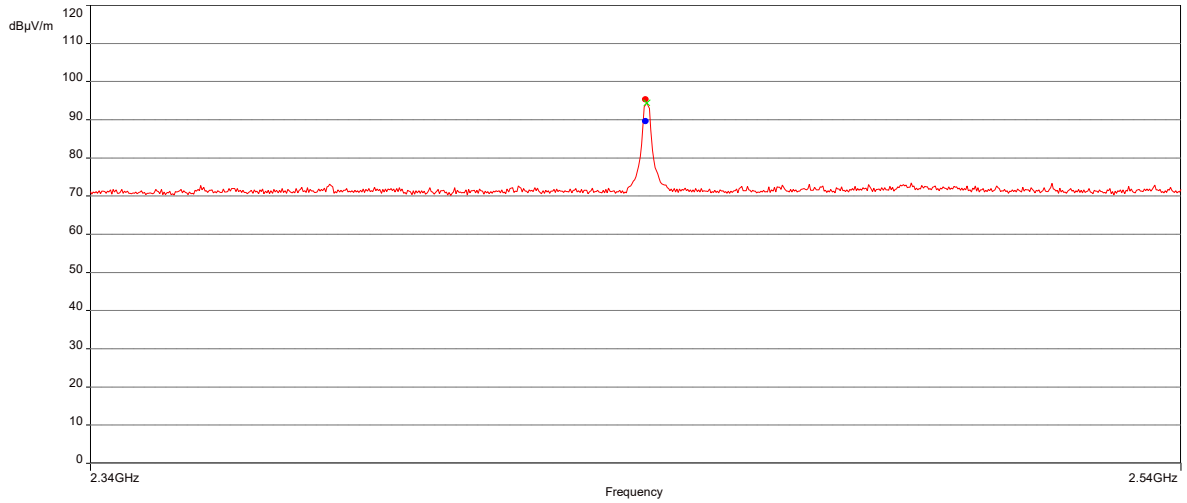
$EIRP = E_{Meas} + 20*\log(d_{Meas}) - 104.7$

LNK100 CRM – BLE Mid Channel Output Power, 2440 MHz

**Test Information:**

| | |
|---|---|
| Date and Time | 6/2/2026 11:25:04 AM |
| Client and Project Number | Assa Abloy |
| Engineer | Kouma Sinn |
| Temperature | 22 deg C |
| Humidity | 43 % |
| Atmospheric Pressure | 1011 mbars |
| Comments | Scan 7_LNK100 CRM, BLE (Tx Mid 2440 MHz), RE Fundamental |

**Graph:**




**Results:**

Peak (PASS) (1)

| Frequency (MHz) | Level (dBµV/m) | Limit (dBµV/m) | Azimuth (°) | Height (m) | Pol. | RBW | Meas.Time (s) | Correction (dB) |
|---|---|---|---|---|---|---|---|---|
| 2439.751 | 95.33 | | 81.00 | 2.10 | Horizontal | 1M | 5.00 | 38.50 |

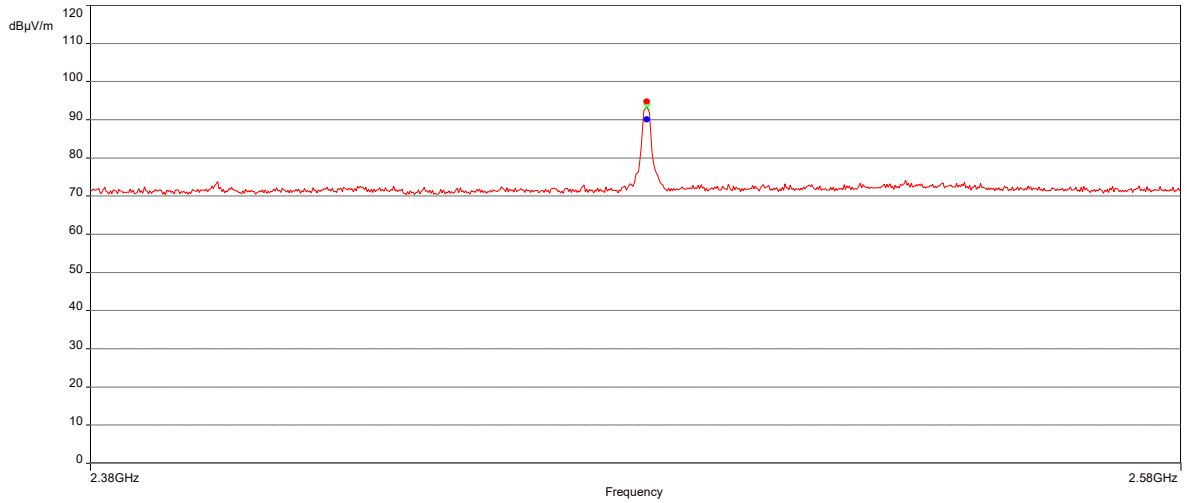
$EIRP = E_{Meas} + 20*\log(d_{Meas}) - 104.7$

LNK100 CRM – BLE High Channel Output Power, 2480 MHz

**Test Information:**

| | |
|---|---|
| Date and Time | 6/2/2026 11:10:59 AM |
| Client and Project Number | Assa Abloy |
| Engineer | Kouma Sinn |
| Temperature | 22 deg C |
| Humidity | 43 % |
| Atmospheric Pressure | 1011 mbars |
| Comments | Scan 6_LNK100 CRM, BLE (Tx High 2480 MHz), RE Fundamental |

**Graph:**




**Results:**

Peak (PASS) (1)

| Frequency (MHz) | Level (dBµV/m) | Limit (dBµV/m) | Azimuth (°) | Height (m) | Pol. | RBW | Meas.Time (s) | Correction (dB) |
|---|---|---|---|---|---|---|---|---|
| 2480 | 94.85 | | 88.40 | 2.02 | Horizontal | 1M | 5.00 | 38.69 |

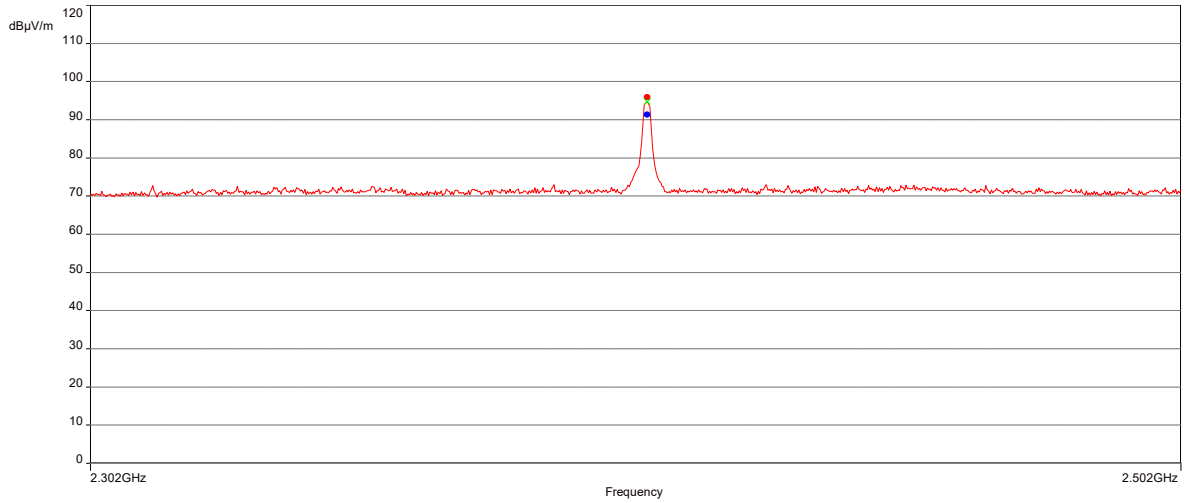
$EIRP = E_{Meas} + 20*\log(d_{Meas}) - 104.7$

LNK100 SAM – BLE Low Channel Output Power, 2402 MHz

**Test Information:**

| | |
|---|---|
| Date and Time | 6/2/2026 3:50:08 PM |
| Client and Project Number | Assa Abloy |
| Engineer | Kouma Sinn |
| Temperature | 22 deg C |
| Humidity | 43 % |
| Atmospheric Pressure | 1011 mbars |
| Comments | Scan 26_LNK100 SAM, BLE (Tx Low 2402 MHz), RE Fundamental |

**Graph:**




**Results:**

Peak (PASS) (1)

| Frequency (MHz) | Level (dBµV/m) | Limit (dBµV/m) | Azimuth (°) | Height (m) | Pol. | RBW | Meas.Time (s) | Correction (dB) |
|---|---|---|---|---|---|---|---|---|
| 2401.988 | 95.99 | | 81.40 | 2.45 | Horizontal | 1M | 5.00 | 38.33 |

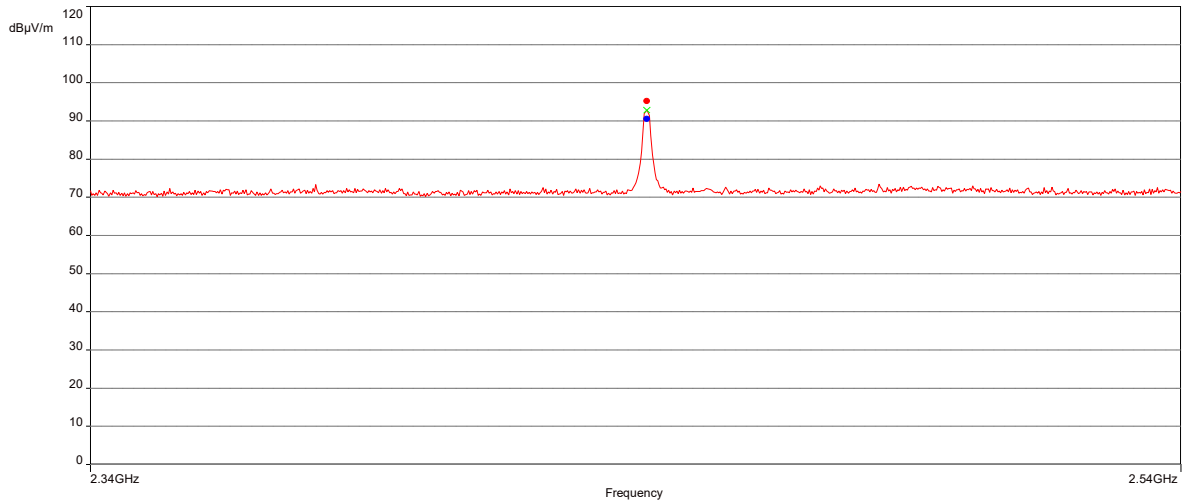
EIRP = $E_{Meas}$ + 20*log($d_{Meas}$) – 104.7

LNK100 SAM – BLE Mid Channel Output Power, 2440 MHz

**Test Information:**

| | |
|---|---|
| Date and Time | 6/2/2026 3:39:22 PM |
| Client and Project Number | Assa Abloy |
| Engineer | Kouma Sinn |
| Temperature | 22 deg C |
| Humidity | 43 % |
| Atmospheric Pressure | 1011 mbars |
| Comments | Scan 25_LNK100 SAM, BLE (Tx Mid 2440 MHz), RE Fundamental |

**Graph:**




**Results:**

Peak (PASS) (1)

| Frequency (MHz) | Level (dBµV/m) | Limit (dBµV/m) | Azimuth (°) | Height (m) | Pol. | RBW | Meas.Time (s) | Correction (dB) |
|---|---|---|---|---|---|---|---|---|
| 2440 | 95.22 | | 88.10 | 2.38 | Horizontal | 1M | 5.00 | 38.51 |

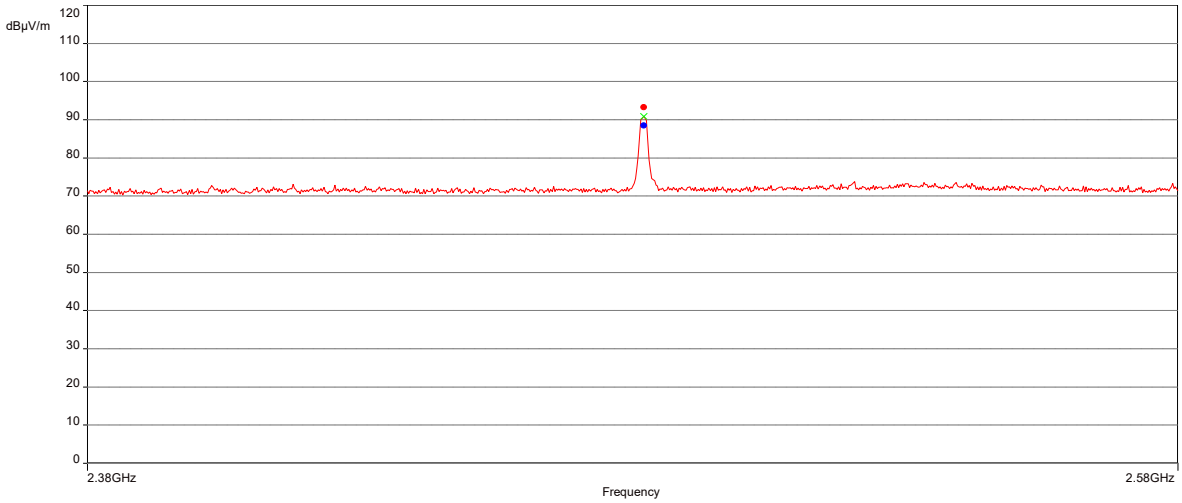
$EIRP = E_{Meas} + 20*\log(d_{Meas}) - 104.7$

LNK100 SAM – BLE High Channel Output Power, 2480 MHz

**Test Information:**

| | |
|---|---|
| Date and Time | 6/2/2026 3:27:58 PM |
| Client and Project Number | Assa Abloy |
| Engineer | Kouma Sinn |
| Temperature | 22 deg C |
| Humidity | 43 % |
| Atmospheric Pressure | 1011 mbars |
| Comments | Scan 24_LNK100 SAM, BLE (Tx High 2480 MHz), RE Fundamental |

**Graph:**



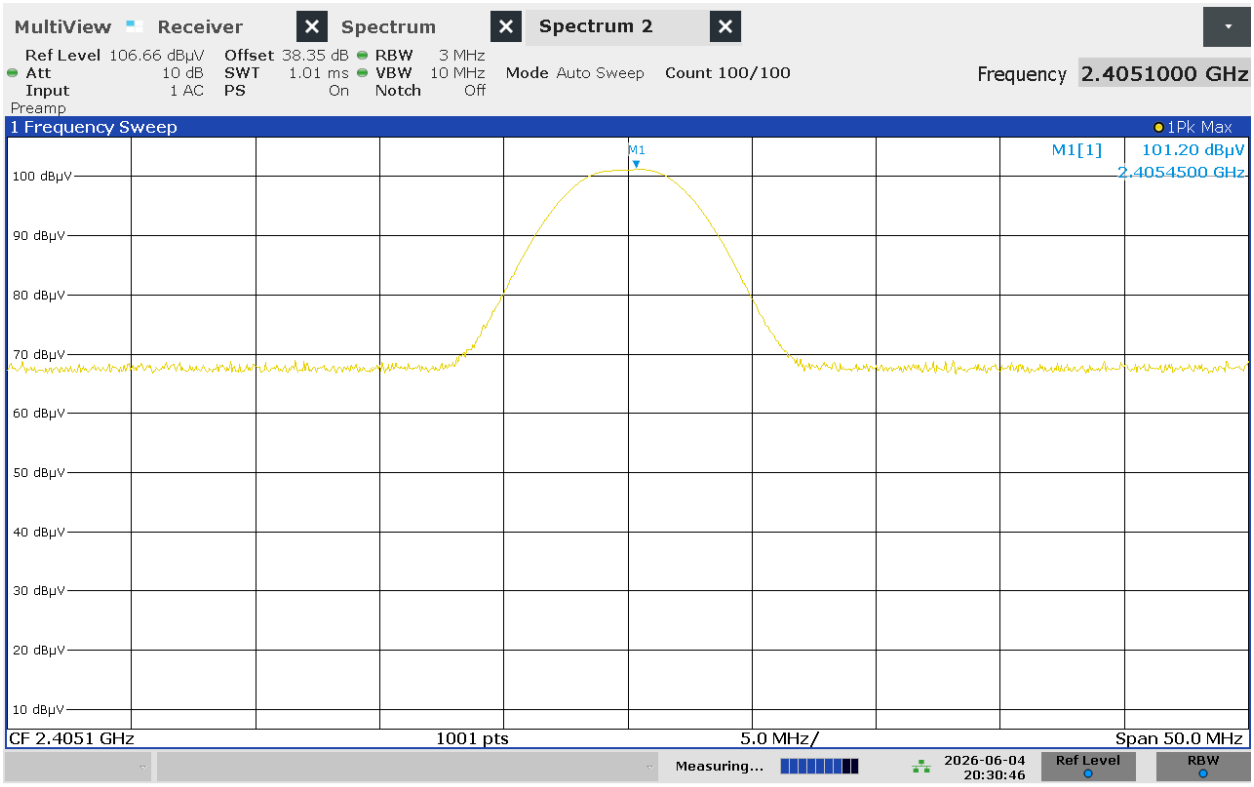

**Results:**

Peak (PASS) (1)

| Frequency (MHz) | Level (dBµV/m) | Limit (dBµV/m) | Azimuth (°) | Height (m) | Pol. | RBW | Meas.Time (s) | Correction (dB) |
|---|---|---|---|---|---|---|---|---|
| 2480 | 93.35 | | 81.20 | 2.55 | Horizontal | 1M | 5.00 | 38.69 |

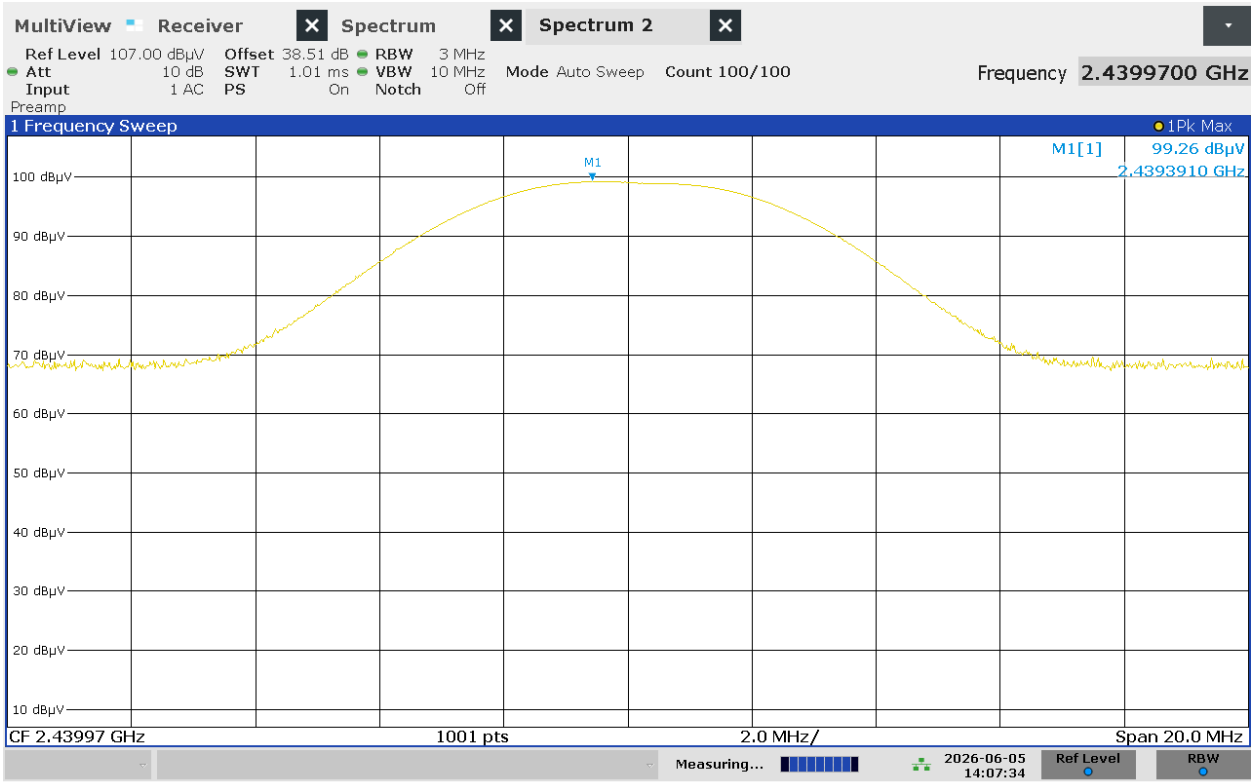
EIRP = $E_{Meas}$ + 20*log($d_{Meas}$) – 104.7

LNK100 SAB – Zigbee Low Channel Output Power, 2405 MHz (Worst-case – Vertical Polarity)



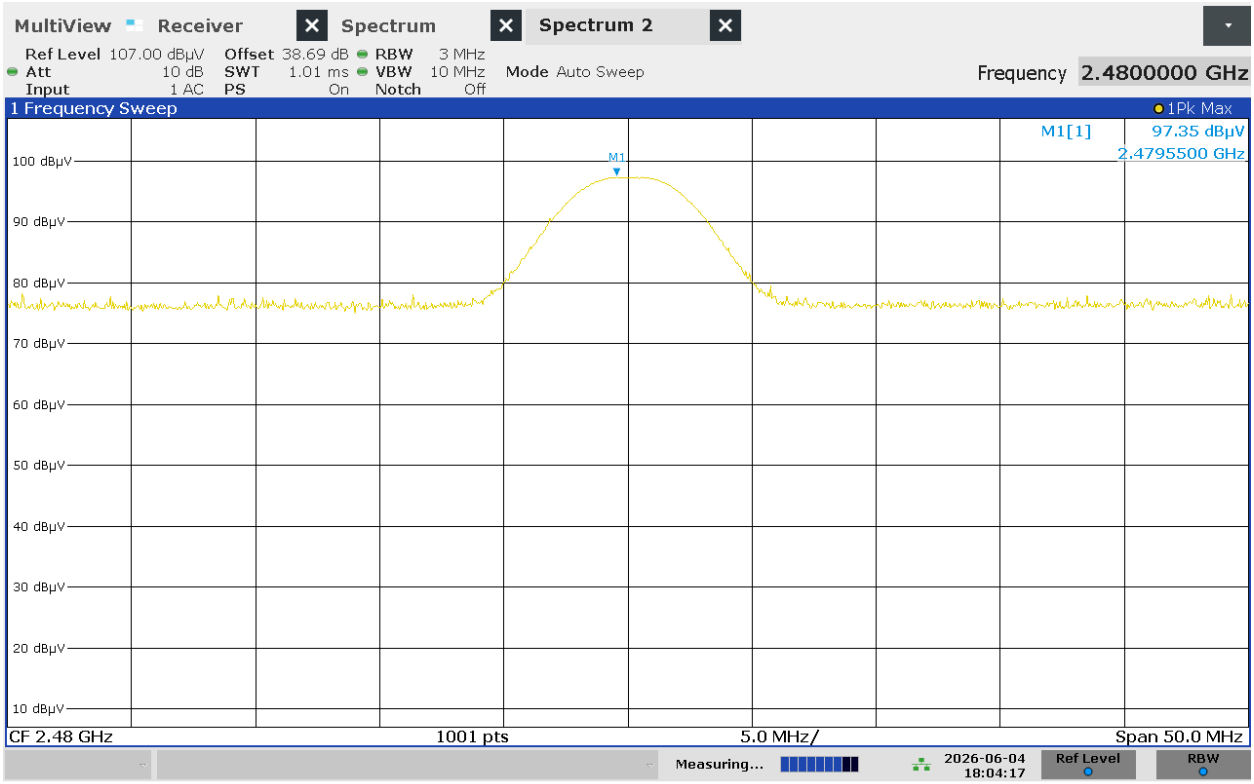

$EIRP = E_{Meas} + 20*\log(d_{Meas}) - 104.7$

LNK100 SAB – Zigbee Mid Channel Output Power, 2440 MHz (Worst-case – Vertical Polarity)




EIRP = $E_{Meas}$ + 20*log($d_{Meas}$) – 104.7

LNK100 SAB – Zigbee High Channel Output Power, 2480 MHz (Worst-case – Vertical Polarity)



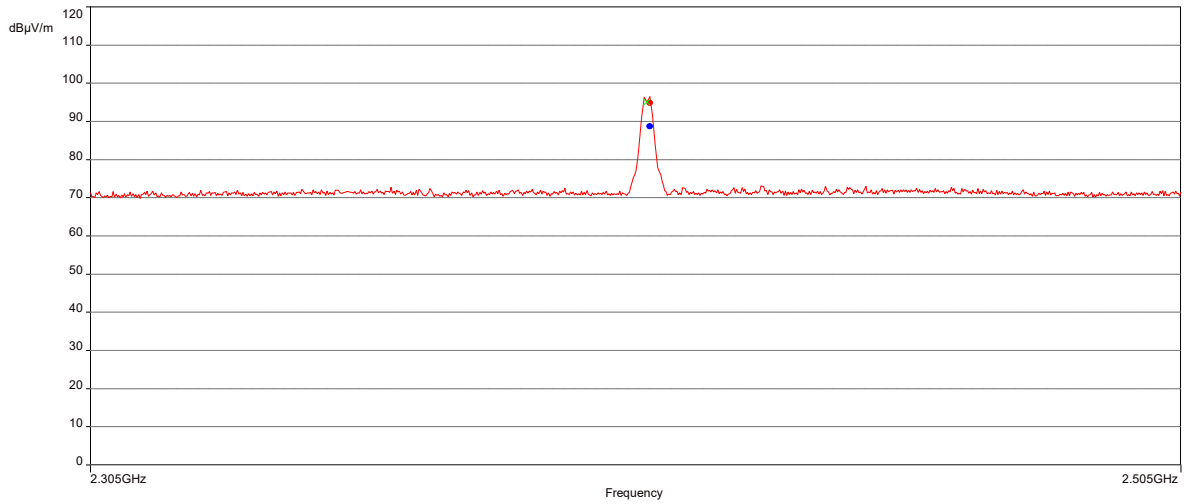

EIRP = $E_{Meas}$ + 20*log($d_{Meas}$) – 104.7

LNK100 CRB – Zigbee Low Channel Output Power, 2405 MHz

**Test Information:**

| | |
|---|---|
| Date and Time | 6/2/2026 10:52:15 AM |
| Client and Project Number | Assa Abloy |
| Engineer | Kouma Sinn |
| Temperature | 22 deg C |
| Humidity | 43 % |
| Atmospheric Pressure | 1011 mbars |
| Comments | Scan 5_LNK100 CRM, Zigbee (Tx Low 2405 MHz), RE Fundamental |

**Graph:**




**Results:**

Peak (PASS) (1)

| Frequency (MHz) | Level (dBµV/m) | Limit (dBµV/m) | Azimuth (°) | Height (m) | Pol. | RBW | Meas.Time (s) | Correction (dB) |
|---|---|---|---|---|---|---|---|---|
| 2405.499 | 94.94 | -- | 52.70 | 1.01 | Horizontal | 1M | 5.00 | 38.35 |

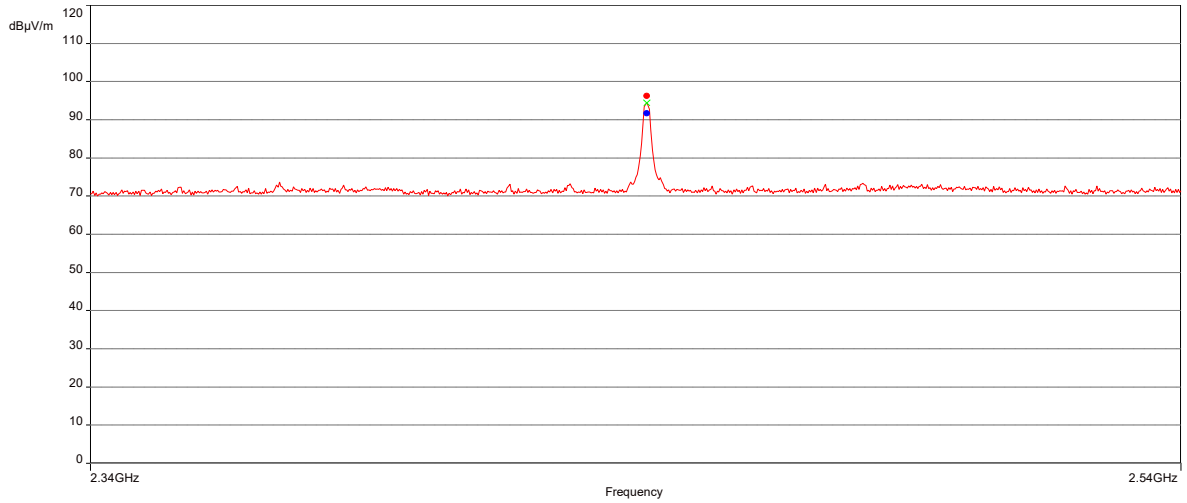
$EIRP = E_{Meas} + 20*\log(d_{Meas}) - 104.7$

LNK100 CRB – Zigbee Mid Channel Output Power, 2440 MHz

**Test Information:**

| | |
|---|---|
| Date and Time | 6/2/2026 1:02:32 PM |
| Client and Project Number | Assa Abloy |
| Engineer | Kouma Sinn |
| Temperature | 22 deg C |
| Humidity | 43 % |
| Atmospheric Pressure | 1011 mbars |
| Comments | Scan 13_LNK100 CRB, BLE (Tx Mid 2440 MHz), RE Fundamental |

**Graph:**




**Results:**

Peak (PASS) (1)

| Frequency (MHz) | Level (dBµV/m) | Limit (dBµV/m) | Azimuth (°) | Height (m) | Pol. | RBW | Meas.Time (s) | Correction (dB) |
|---|---|---|---|---|---|---|---|---|
| 2440.012 | 96.30 | -- | 67.00 | 2.37 | Horizontal | 1M | 5.00 | 38.51 |

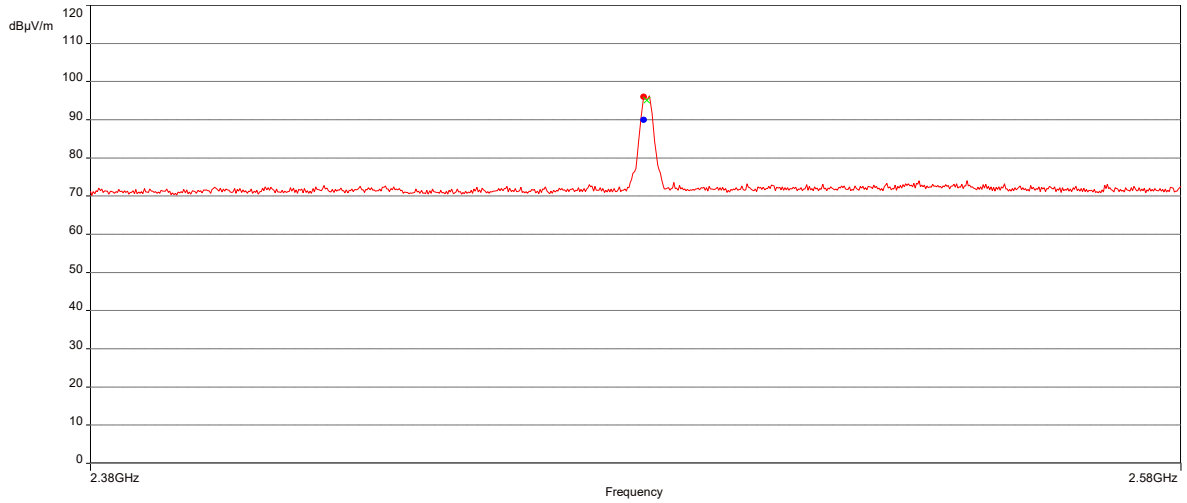
EIRP = $E_{Meas}$ + 20*log($d_{Meas}$) – 104.7

LNK100 CRB – Zigbee High Channel Output Power, 2480 MHz

**Test Information:**

| | |
|---|---|
| Date and Time | 6/2/2026 12:00:35 PM |
| Client and Project Number | Assa Abloy |
| Engineer | Kouma Sinn |
| Temperature | 22 deg C |
| Humidity | 43 % |
| Atmospheric Pressure | 1011 mbars |
| Comments | Scan 9_LNK100 CRB, Zigbee (Tx High 2480 MHz), RE Fundamental |

**Graph:**




**Results:**

Peak (PASS) (1)

| Frequency (MHz) | Level (dBµV/m) | Limit (dBµV/m) | Azimuth (°) | Height (m) | Pol. | RBW | Meas.Time (s) | Correction (dB) |
|---|---|---|---|---|---|---|---|---|
| 2479.538 | 96.05 | -- | 31.40 | 1.24 | Horizontal | 1M | 5.00 | 38.68 |

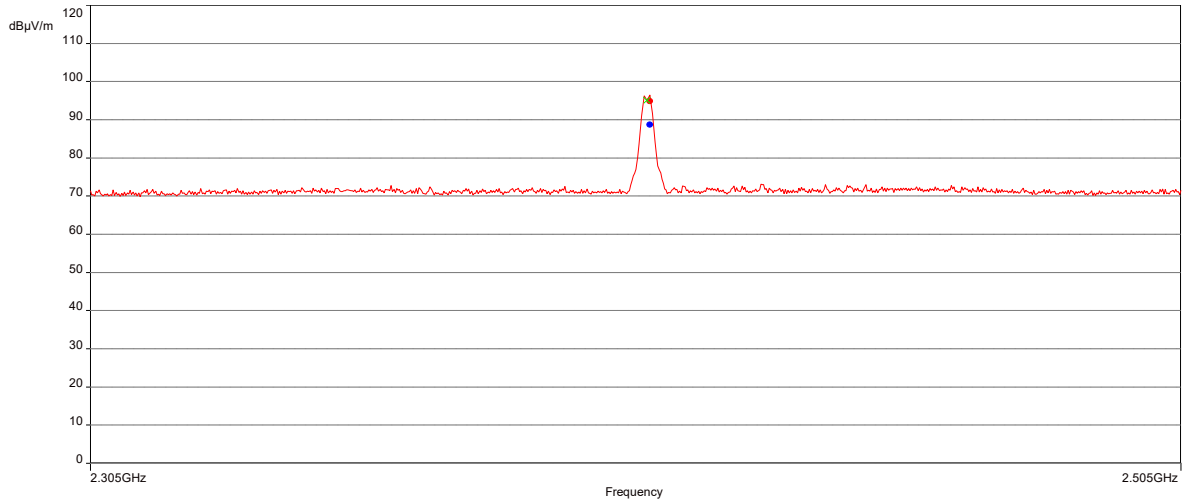
$EIRP = E_{Meas} + 20*\log(d_{Meas}) - 104.7$

LNK100 CRM – Zigbee Low Channel Output Power, 2405 MHz

**Test Information:**

| | |
|---|---|
| Date and Time | 6/2/2026 10:52:15 AM |
| Client and Project Number | Assa Abloy |
| Engineer | Kouma Sinn |
| Temperature | 22 deg C |
| Humidity | 43 % |
| Atmospheric Pressure | 1011 mbars |
| Comments | Scan 5_LNK100 CRM, Zigbee (Tx Low 2405 MHz), RE Fundamental |

**Graph:**




**Results:**

Peak (PASS) (1)

| Frequency (MHz) | Level (dBµV/m) | Limit (dBµV/m) | Azimuth (°) | Height (m) | Pol. | RBW | Meas.Time (s) | Correction (dB) |
|---|---|---|---|---|---|---|---|---|
| 2405.499 | 94.94 | | 52.70 | 1.01 | Horizontal | 1M | 5.00 | 38.35 |

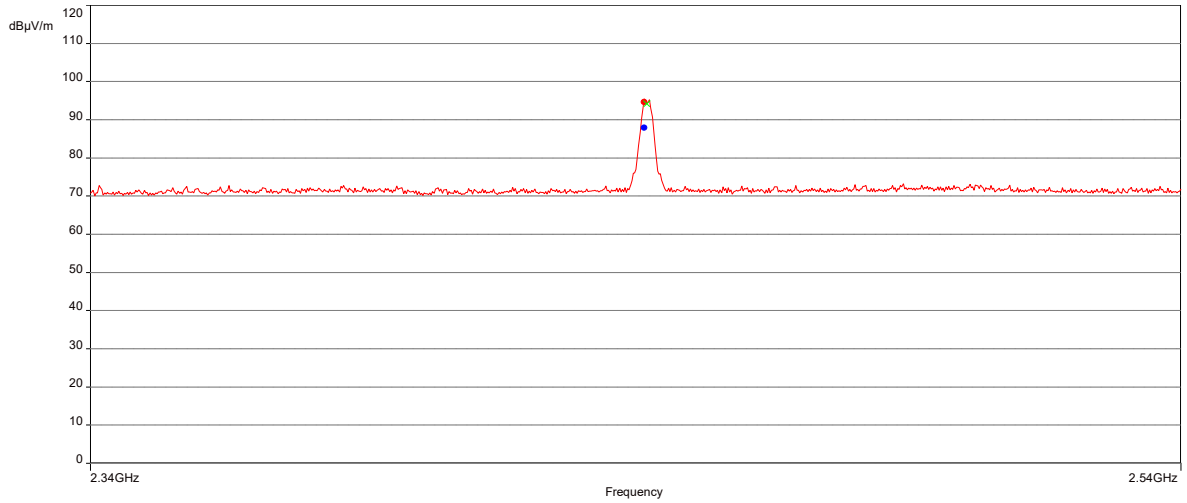
$EIRP = E_{Meas} + 20*\log(d_{Meas}) - 104.7$

LNK100 CRM – Zigbee Mid Channel Output Power, 2440 MHz

**Test Information:**

| | |
|---|---|
| Date and Time | 6/2/2026 10:35:47 AM |
| Client and Project Number | Assa Abloy |
| Engineer | Kouma Sinn |
| Temperature | 22 deg C |
| Humidity | 43 % |
| Atmospheric Pressure | 1011 mbars |
| Comments | Scan 4_LNK100 CRM, Zigbee (Tx Mid 2440 MHz), RE Fundamental |

**Graph:**




**Results:**

Peak (PASS) (1)

| Frequency (MHz) | Level (dBµV/m) | Limit (dBµV/m) | Azimuth (°) | Height (m) | Pol. | RBW | Meas.Time (s) | Correction (dB) |
|---|---|---|---|---|---|---|---|---|
| 2439.476 | 94.65 | -- | 45.40 | 1.00 | Horizontal | 1M | 5.00 | 38.50 |

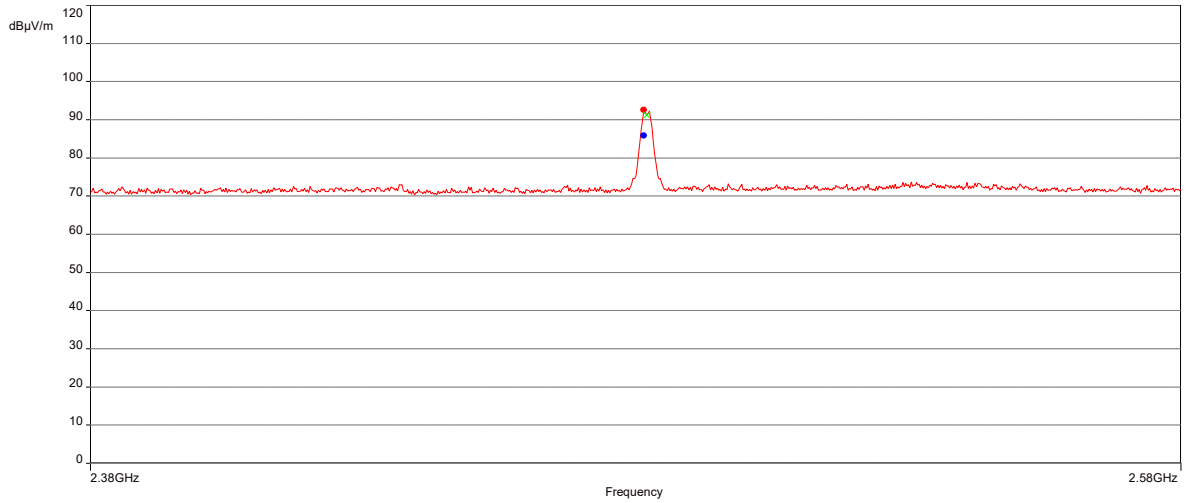
EIRP = $E_{Meas}$ + 20*log($d_{Meas}$) – 104.7

LNK100 CRM – Zigbee High Channel Output Power, 2480 MHz

**Test Information:**

| | |
|---|---|
| Date and Time | 6/2/2026 10:20:50 AM |
| Client and Project Number | Assa Abloy |
| Engineer | Kouma Sinn |
| Temperature | 22 deg C |
| Humidity | 43 % |
| Atmospheric Pressure | 1011 mbars |
| Comments | Scan 3_LNK100 CRM, Zigbee (Tx High 2480 MHz), RE Fundamental |

**Graph:**




**Results:**

Peak (PASS) (1)

| Frequency (MHz) | Level (dBµV/m) | Limit (dBµV/m) | Azimuth (°) | Height (m) | Pol. | RBW | Meas.Time (s) | Correction (dB) |
|---|---|---|---|---|---|---|---|---|
| 2479.489 | 92.65 | -- | 45.60 | 1.50 | Horizontal | 1M | 5.00 | 38.68 |

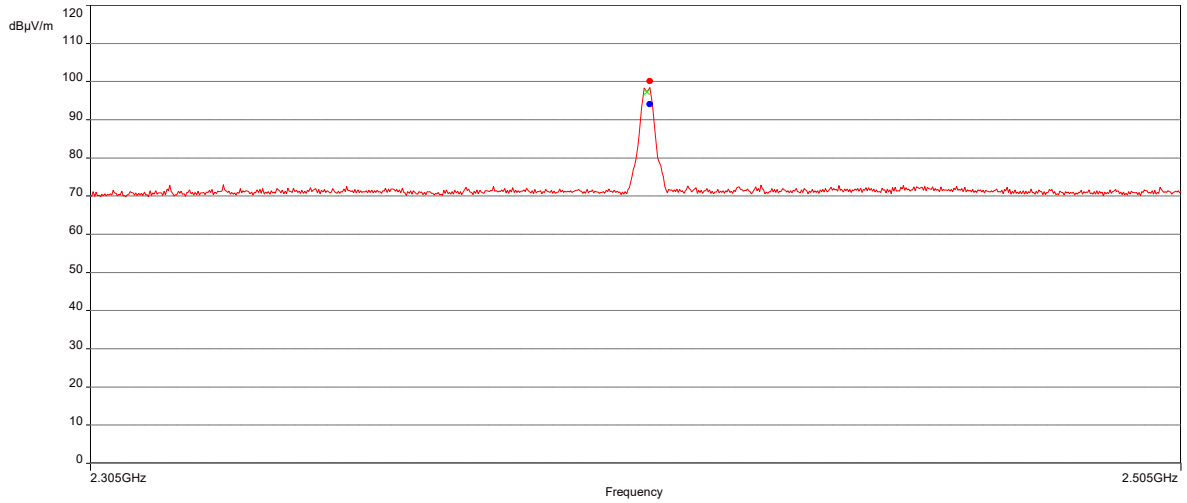
$EIRP = E_{Meas} + 20*\log(d_{Meas}) - 104.7$

LNK100 SAM – Zigbee Low Channel Output Power, 2405 MHz

**Test Information:**

| | |
|---|---|
| Date and Time | 6/2/2026 3:17:14 PM |
| Client and Project Number | Assa Abloy |
| Engineer | Kouma Sinn |
| Temperature | 22 deg C |
| Humidity | 43 % |
| Atmospheric Pressure | 1011 mbars |
| Comments | Scan 23_LNK100 SAM, Zigbee (Tx Low 2405 MHz), RE Fundamental |

**Graph:**




**Results:**

Peak (PASS) (1)

| Frequency (MHz) | Level (dBµV/m) | Limit (dBµV/m) | Azimuth (°) | Height (m) | Pol. | RBW | Meas.Time (s) | Correction (dB) |
|---|---|---|---|---|---|---|---|---|
| 2405.511 | 100.15 | - | 3.00 | 3.15 | Vertical | 1M | 5.00 | 38.35 |

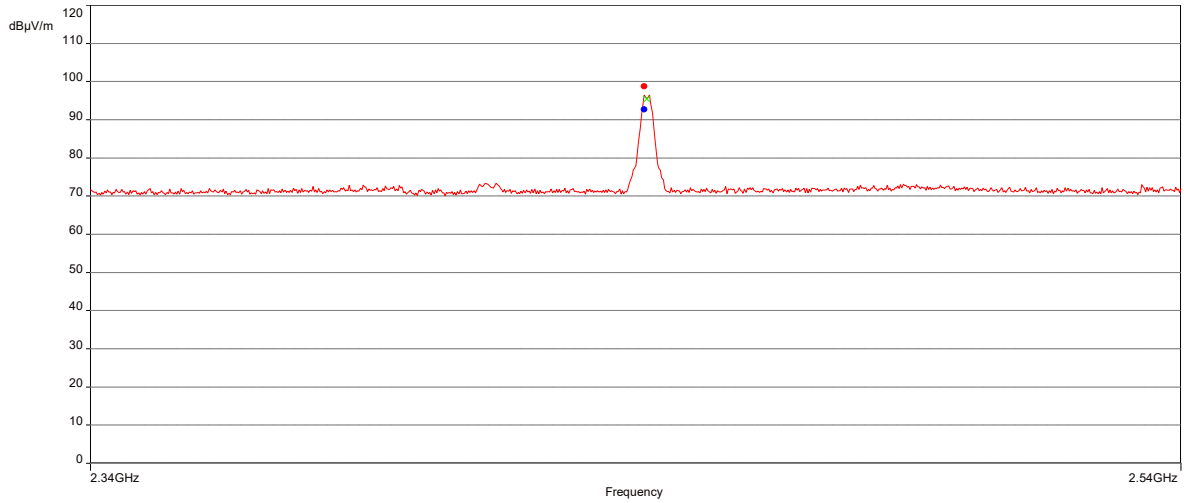
EIRP = $E_{Meas}$ + 20*log($d_{Meas}$) – 104.7

LNK100 SAM – Zigbee Mid Channel Output Power, 2440 MHz

**Test Information:**

| | |
|---|---|
| Date and Time | 6/2/2026 3:02:58 PM |
| Client and Project Number | Assa Abloy |
| Engineer | Kouma Sinn |
| Temperature | 22 deg C |
| Humidity | 43 % |
| Atmospheric Pressure | 1011 mbars |
| Comments | Scan 22_LNK100 SAM, Zigbee (Tx Mid 2440 MHz), RE Fundamental |

**Graph:**




**Results:**

Peak (PASS) (1)

| Frequency (MHz) | Level (dBµV/m) | Limit (dBµV/m) | Azimuth (°) | Height (m) | Pol. | RBW | Meas.Time (s) | Correction (dB) |
|---|---|---|---|---|---|---|---|---|
| 2439.539 | 98.78 | -- | 2.90 | 2.46 | Vertical | 1M | 5.00 | 38.50 |

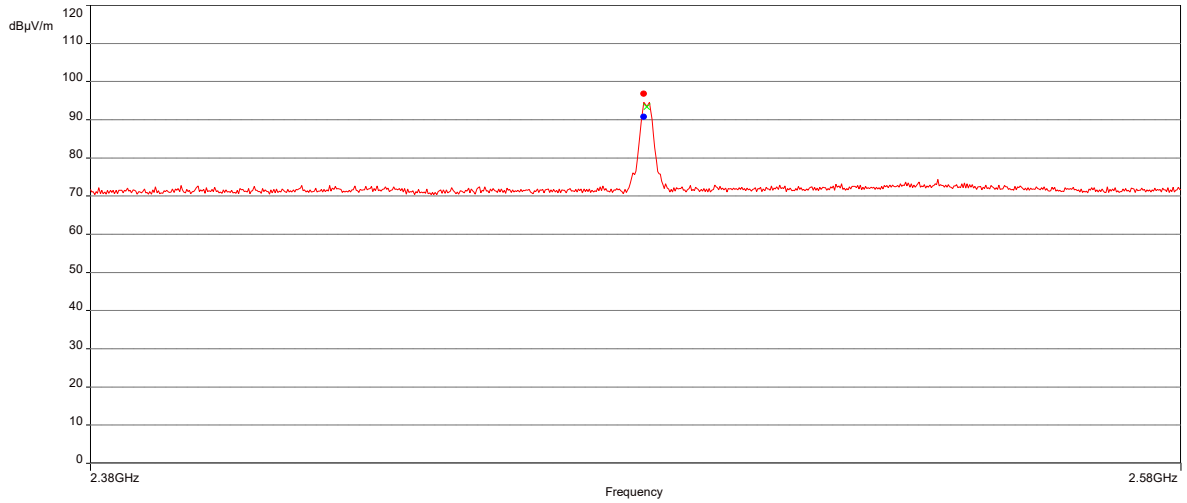
$EIRP = E_{Meas} + 20*\log(d_{Meas}) - 104.7$

LNK100 SAM – Zigbee High Channel Output Power, 2480 MHz

**Test Information:**

| | |
|---|---|
| Date and Time | 6/2/2026 2:51:09 PM |
| Client and Project Number | Assa Abloy |
| Engineer | Kouma Sinn |
| Temperature | 22 deg C |
| Humidity | 43 % |
| Atmospheric Pressure | 1011 mbars |
| Comments | Scan 21_LNK100 SAM, Zigbee (Tx High 2480 MHz), RE Fundamental |

**Graph:**




**Results:**

Peak (PASS) (1)

| Frequency (MHz) | Level (dBµV/m) | Limit (dBµV/m) | Azimuth (°) | Height (m) | Pol. | RBW | Meas.Time (s) | Correction (dB) |
|---|---|---|---|---|---|---|---|---|
| 2479.539 | 96.85 | -- | 2.90 | 2.19 | Vertical | 1M | 5.00 | 38.68 |

EIRP = $E_{Meas}$ + 20*log($d_{Meas}$) – 104.7

| Product Standard: CFR47 FCC Part 15.247, RSS-247 | | | | Limit applied: See Report Section 6.2 | | | |
|---|---|---|---|---|---|---|---|
| Test Date | Test Personnel/ Initials | Supervising Engineer/ Initials | Input Voltage | Mode | Atmospheric Data | | |
| | | | | | Temp C° | Relative Humidity % | Atmospheric Pressure mbar |
| 06/02/2026 | Kouma Sinn KPS | Vathana Ven VSV | Internal Battery | Continuous transmitting | 22 | 243 | 1011 |
| | | | | | | | |

Deviations, Additions, or Exclusions: None

# 7 6 dB Bandwidth (DTS Bandwidth) and Occupied Bandwidth

## 7.1 Method

Tests are performed in accordance with CFR47 FCC Part 15.247, RSS-247, and ANSI C63.10.

**TEST SITE:** 10m ALSE

**The 10m ALSE** is 13m (Length) x 21m (Depth) x 10m (Height) with the effective size in terms of space from the tips of the absorber is 12m (Length) x 20m (Depth) x 8.5m (Height). This chamber achieves broadband performance using a unique arrangement of hybrid and ferrite tile absorber. This chamber has a built in 3m diameter turntable (Embedded type). The metal structure of the table makes electrical connection around the entire circumference of the turntable to the ground plane with a metal brush type connection. The turntable is located on one end of the chamber and the antennas are mounted 3 and 10 meters away at the other end of the chamber on the adjustable an Antenna Mast. The antenna mast is a non-conductive bore sighted type with remote control of antenna height and polarization. The Antenna Mast and the turntable can be remotely controlled through the controller located in the adjacent Control room. A Styrofoam table 80 cm high is used for table-top equipment.

**Measurement Uncertainty**

| Measurement | Frequency Range | Expanded Uncertainty (k=2) | Ucispr |
|---|---|---|---|
| Radiated Emissions, 10m | 30-1000 MHz | 4.6dB | 6.3 dB |
| Radiated Emissions, 3m | 30-1000 MHz | 5.3 dB | 6.3 dB |
| Radiated Emissions, 3m | 1-6 GHz | 4.5 dB | 5.2 dB |
| Radiated Emissions, 3m | 6-15 GHz | 5.2 dB | 5.5 dB |
| Radiated Emissions, 3m | 15-18 GHz | 5.0 dB | 5.5 dB |
| Radiated Emissions, 3m | 18-40 GHz | 5.0 dB | 5.5 dB |

As shown in the table above our radiated emissions $U_{lab}$ is less than the corresponding $U_{CISPR}$ reference value in CISPR 16-4-2 Table 1, hence the compliance of the product is only based on the measured value, and no measurement uncertainty correction is required, based on CISPR 22 and CISPR 11 (for 2006 and later revisions) Clause 11.

**Sample Calculation**

The field strength is calculated 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 = RA + AF + CF - AG
Where FS = Field Strength in dBμV/m
RA = Receiver Amplitude (including preamplifier) in dBμV
CF = Cable Attenuation Factor in dB
AF = Antenna Factor in dB
AG = Amplifier Gain in dB

In the following table(s), the reading shown on the data table reflects the preamplifier gain. An example for the calculations in the following table is as follows.

Assume a receiver reading of 52.0 dBμV is obtained. The antenna factor of 7.4 dB and cable factor of 1.6 dB is added. The amplifier gain of 29 dB is subtracted, giving a field strength of 32 dBμV/m. This value in dBμV/m was converted to its corresponding level in μV/m.

RA = 52.0 dBμV
AF = 7.4 dB/m
CF = 1.6 dB
AG = 29.0 dB
FS = 32 dBμV/m

To convert from dBμV to μV or mV the following was used:

UF = $10^{(NF / 20)}$ where UF = Net Reading in μV
NF = Net Reading in dBμV

**Example:**

FS = RA + AF + CF – AG = 52.0 + 7.4 + 1.6 – 29.0 = 32.0
UF = $10^{(32\ dB\mu V / 20)}$ = 39.8 μV/m

Alternately, when BAT-EMC Emission Software is used, the "Level" includes all losses and gains and is compared directly in the "Margin" column to the "Limit". The "Correction" includes Antenna Factor, Preamp, and Cable Loss. These are already accounted for in the "Level" column.

## 7.2 Limit

DTS Bandwidth Limit:
FCC Part §15.247 (a) (2) Systems using digital modulation techniques may operate in the 902-928 MHz, 2400-2483.5 MHz, and 5725-5850 MHz bands. The minimum 6 dB bandwidth shall be at least 500 kHz.

Occupied Bandwidth:
Upper and Lower Edges of OBW within 2400-2483.5 MHz

Notes: The limits for RSS-247 are the same as the FCC limits above.

## 7.3 Test Equipment Used:

| Asset | Description | Manufacturer | Model | Serial | Cal Date | Cal Due |
|---|---|---|---|---|---|---|
| DAV005' | Weather Station | Davis | 6250 | MS191218083 | 03/16/2026 | 03/16/2027 |
| HS004' | 2M long | Huber suhner | SF118A | 505108/118A | 10/09/2025 | 10/09/2026 |
| HS009' | 8m long | Hubner Suhner | SF106 | 537115/6 | 10/09/2025 | 10/09/2026 |
| HS013' | 12.5M long | Hubner Suhner | SF106 | 537114/6 | 10/09/2025 | 10/09/2026 |
| ETS002' | 1-18GHz DRG Horn Antenna | ETS Lindgren | 3117 | 00143260 | 09/18/2025 | 09/18/2026 |
| ROS014' | Receiver 1Hz-44GHz | Rhode & Schwarz | ESW 44 | 103232 | 06/17/2025 | 06/17/2026 |

**Software Utilized:**

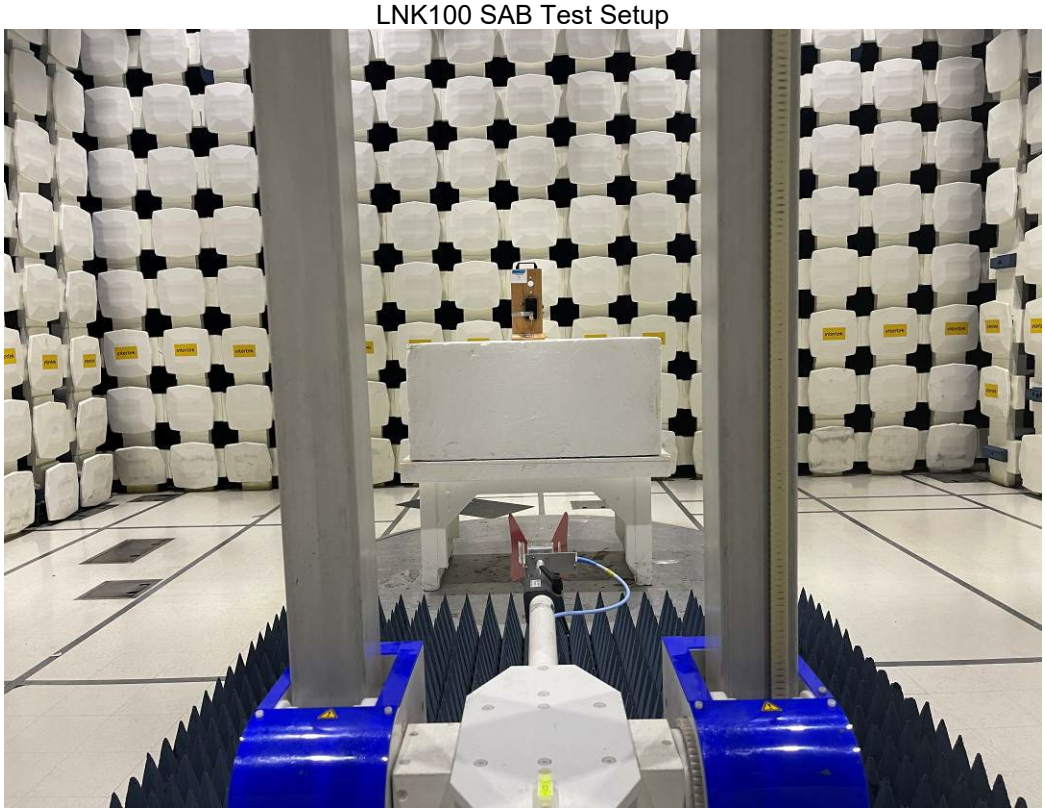
| Name | Manufacturer | Version |
|---|---|---|
| None | | |

## 7.4 Results:

The sample tested was found to Comply.

## 7.5 Setup Photographs:

LNK100 SAB Test Setup



## 7.6 Test Data:

LNK100 SAB – BLE DTS Bandwidth

| Frequency (MHz) | DTS Bandwidth (6 dB Bandwidth) (kHz) | DTS Bandwidth Limit (kHz) | Results |
|---|---|---|---|
| 2402 | 689.30 | ≥ 500 | Compliance |
| 2440 | 669.30 | ≥ 500 | Compliance |
| 2480 | 704.30 | ≥ 500 | Compliance |

LNK100 SAB – BLE Occupied Bandwidth

| Frequency (MHz) | Occupied Bandwidth (MHz) | Occupied Bandwidth Limit (MHz) | Results |
|---|---|---|---|
| 2402 | 1.083 | Upper and Lower Edges of OBW lies within 2400-2483.5 MHz | Compliance |
| 2440 | 1.069 | Upper and Lower Edges of OBW lies within 2400-2483.5 MHz | Compliance |
| 2480 | 1.105 | Upper and Lower Edges of OBW lies within 2400-2483.5 MHz | Compliance |

Notes: The occupied bandwidth for each channel is compliance as the lower ($T_1$) and upper ($T_2$) frequencies lie with Within 2400-2483.5 MHz.

LNK100 SAB – Zigbee DTS Bandwidth

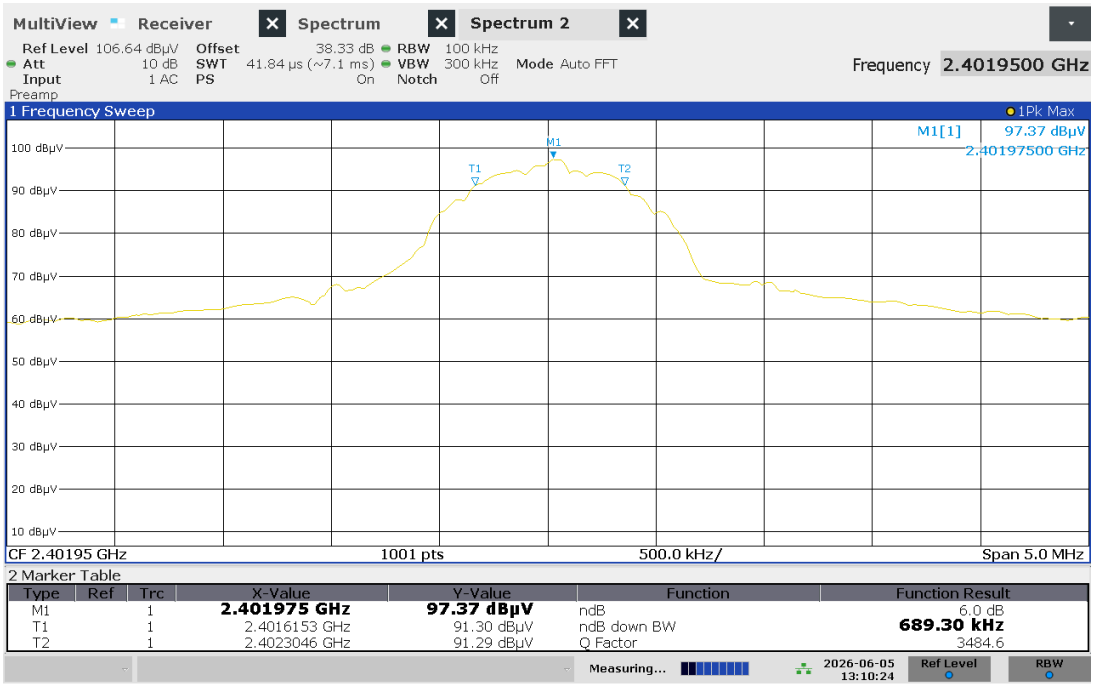
| Frequency (MHz) | DTS Bandwidth (6 dB Bandwidth) (Hz) | DTS Bandwidth Limit (kHz) | Results |
|---|---|---|---|
| 2405 | 1.640 | ≥ 500 | Compliance |
| 2440 | 1.650 | ≥ 500 | Compliance |
| 2480 | 1.610 | ≥ 500 | Compliance |

LNK100 SAB – Zigbee Occupied Bandwidth

| Frequency (MHz) | Occupied Bandwidth (MHz) | Occupied Bandwidth Limit (MHz) | Results |
|---|---|---|---|
| 2405 | 2.582 | Upper and Lower Edges of OBW lies within 2400-2483.5 MHz | Compliance |
| 2440 | 2.621 | Upper and Lower Edges of OBW lies within 2400-2483.5 MHz | Compliance |
| 2480 | 2.762 | Upper and Lower Edges of OBW lies within 2400-2483.5 MHz | Compliance |

Notes: The occupied bandwidth for each channel is compliance as the lower ($T_1$) and upper ($T_2$) frequencies lie with Within 2400-2483.5 MHz.

LNK100 SAB – BLE Low Channel DTS Bandwidth, 2402 MHz

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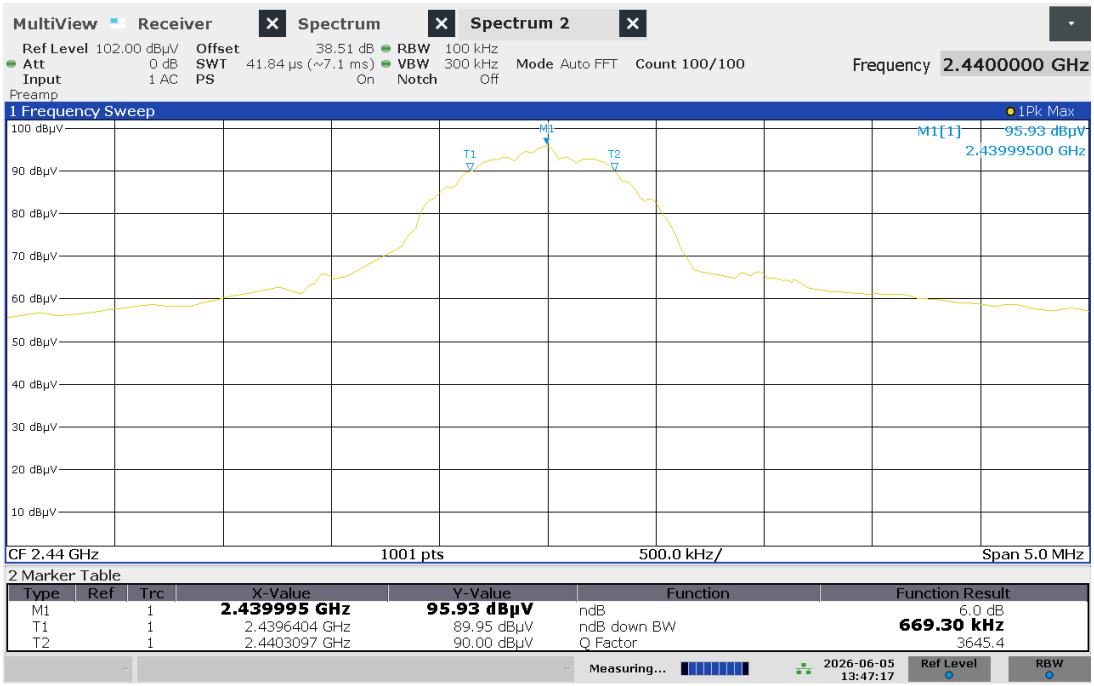
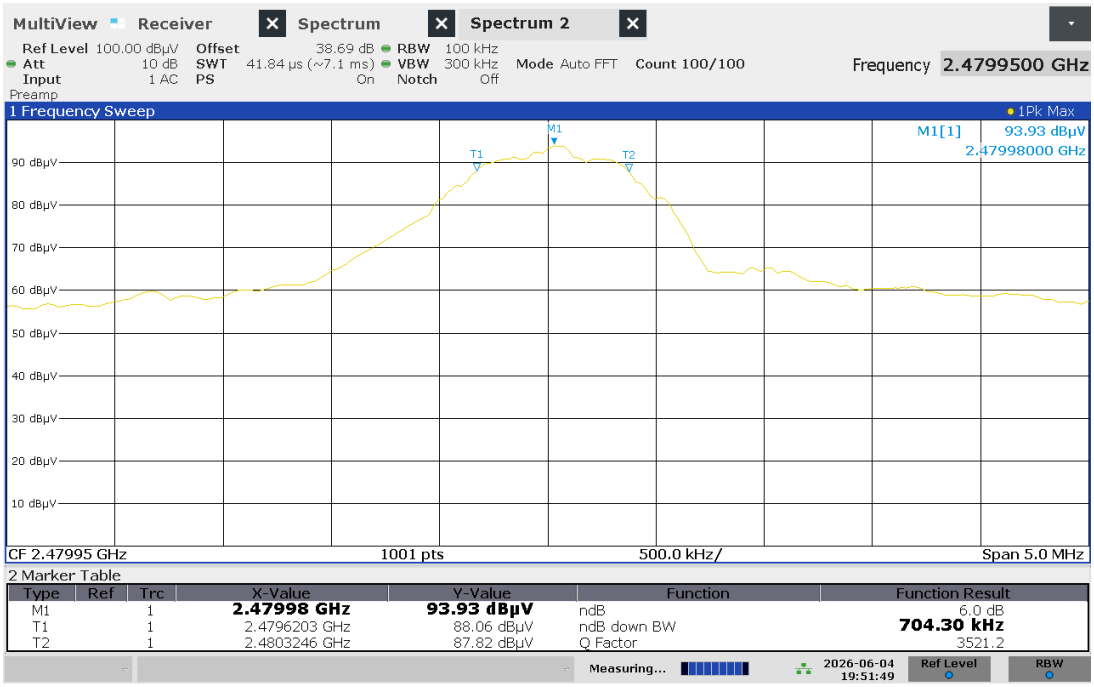
LNK100 SAB – BLE Mid Channel DTS Bandwidth, 2440 MHz

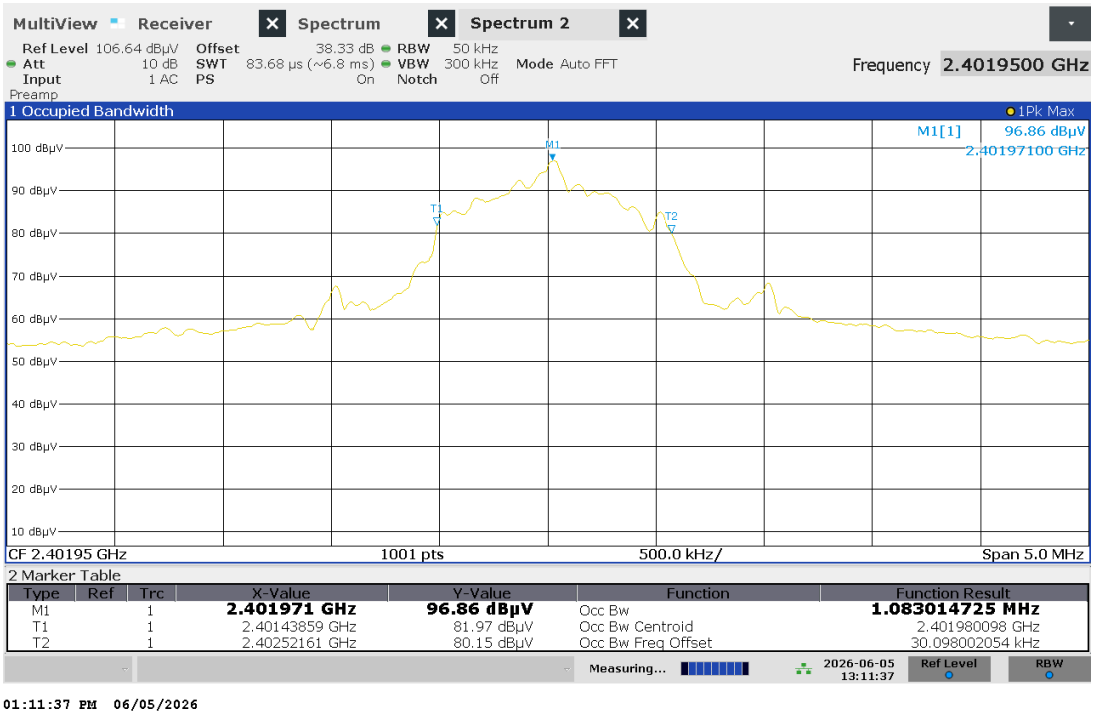



01:47:17 PM 06/05/2026

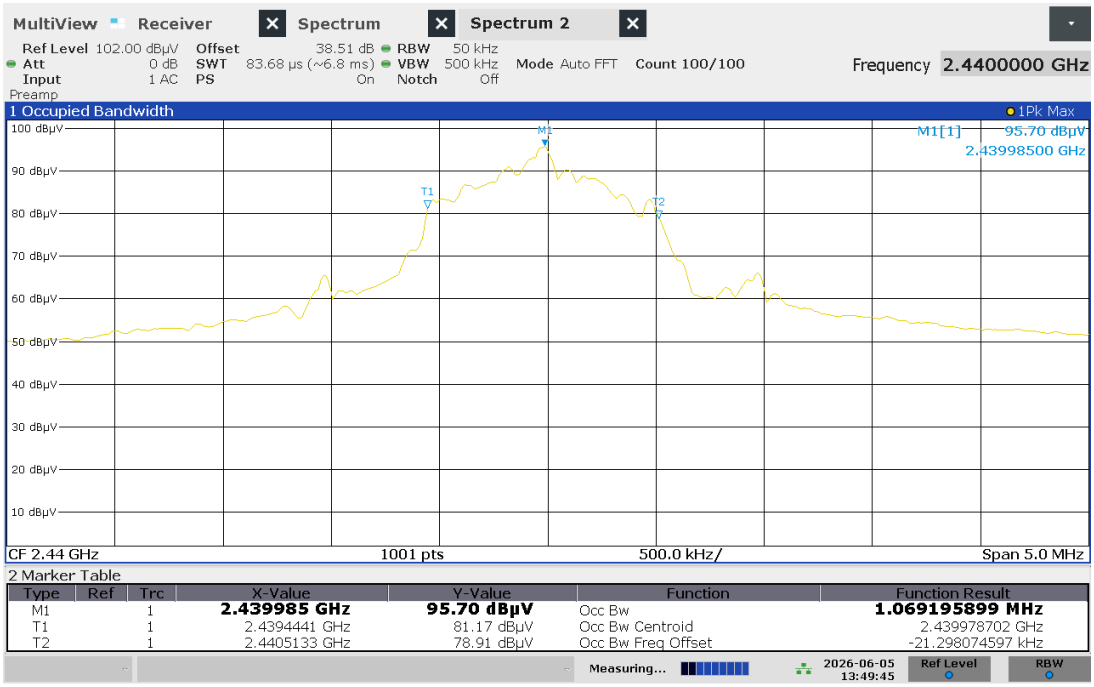
LNK100 SAB – BLE High Channel DTS Bandwidth, 2480 MHz



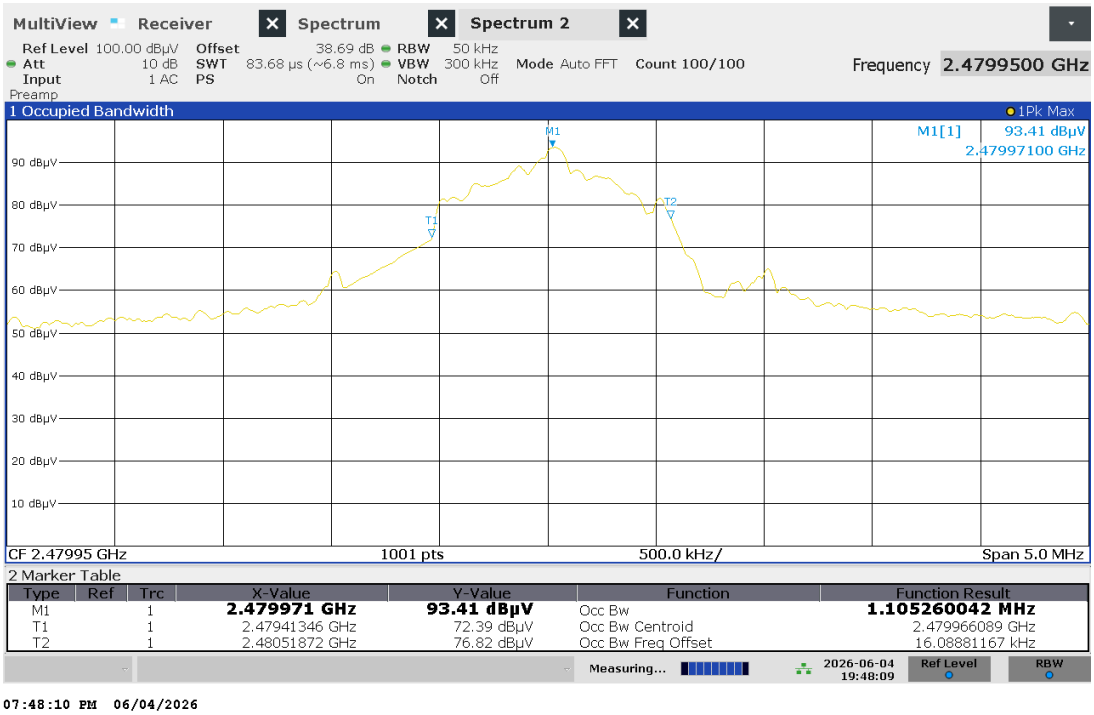

LNK100 SAB – BLE Low Channel Occupied Bandwidth, 2402 MHz



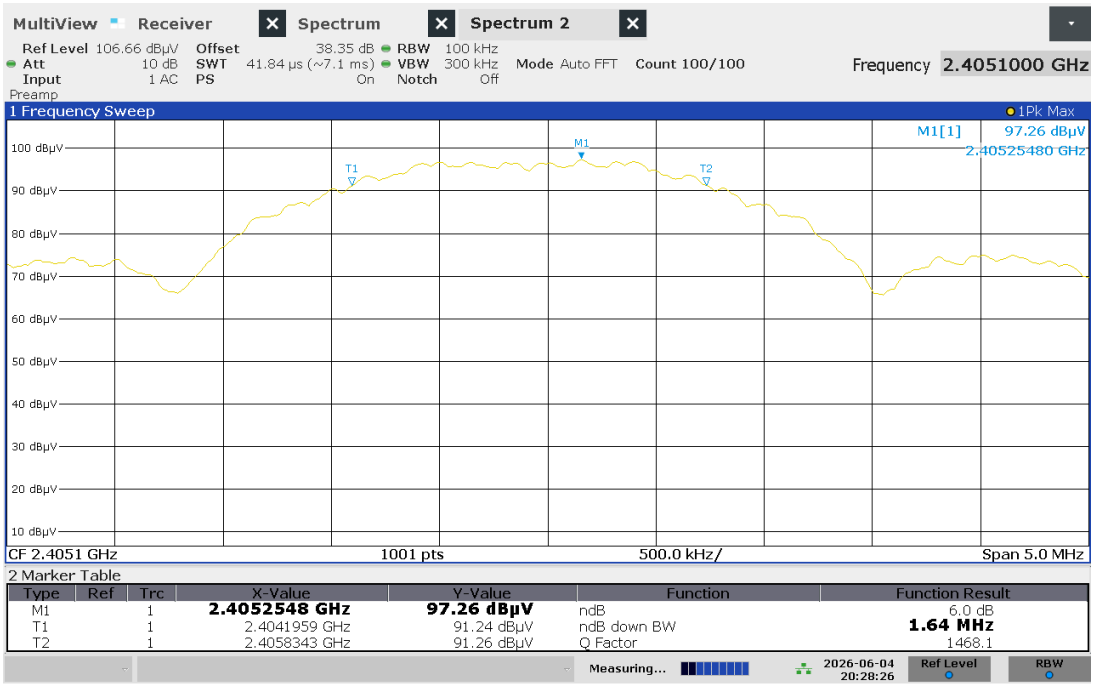
LNK100 SAB – BLE Mid Channel Occupied Bandwidth, 2440 MHz




LNK100 SAB – BLE High Channel Occupied Bandwidth, 2480 MHz

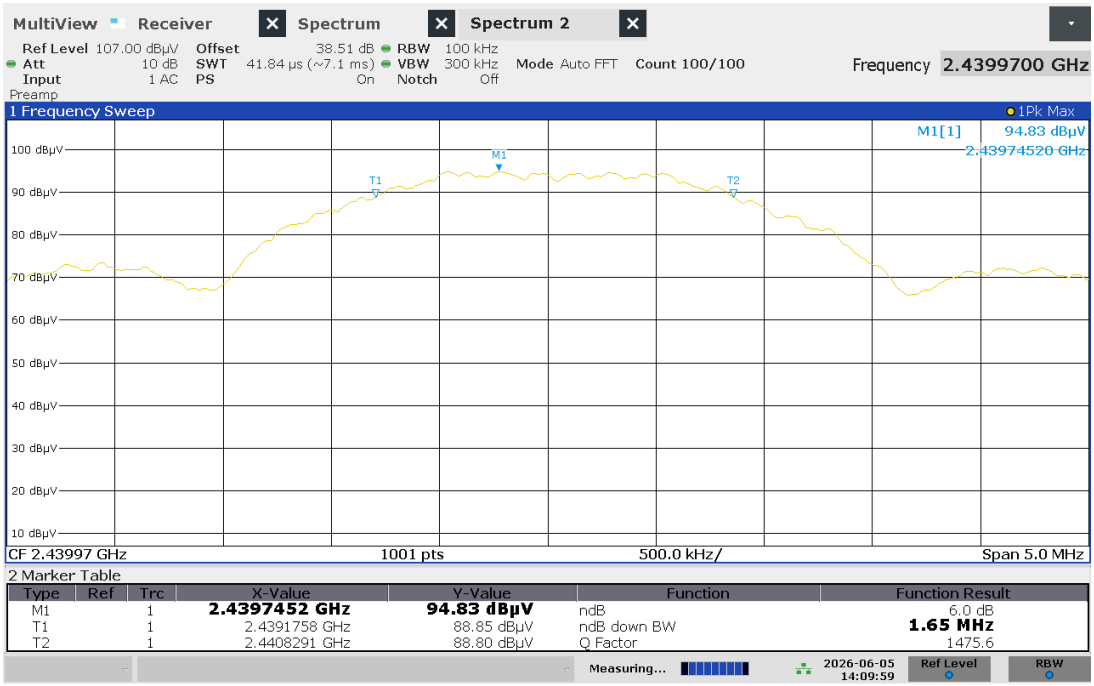


LNK100 SAB – Zigbee Low Channel DTS Bandwidth, 2405 MHz



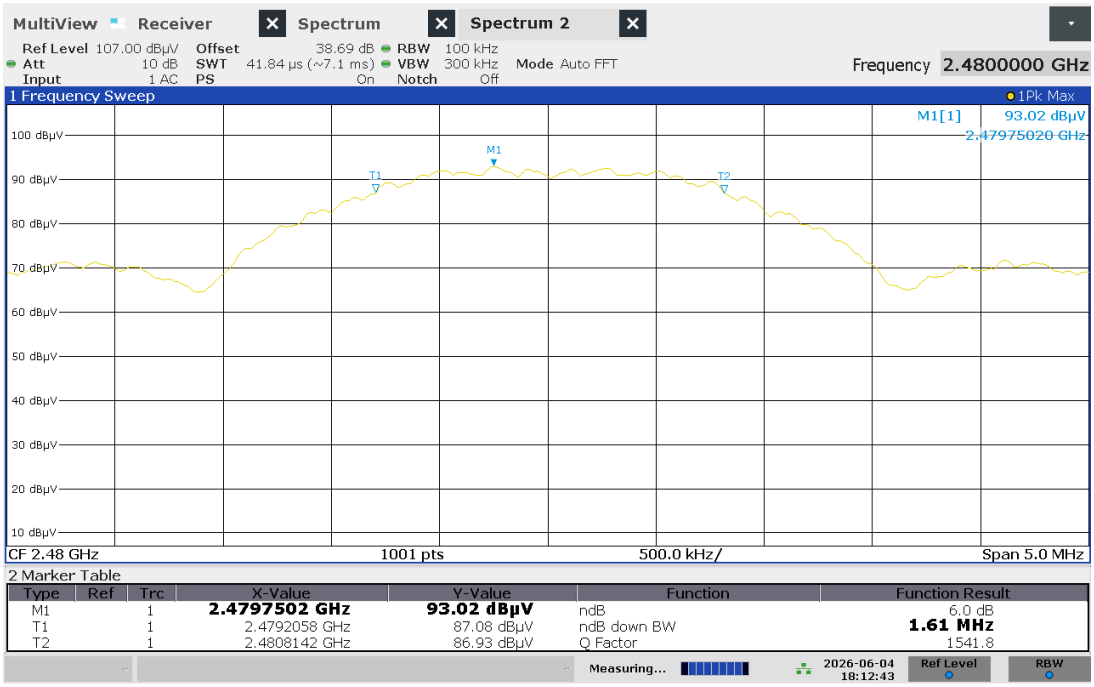

08:28:27 PM 06/04/2026

LNK100 SAB – Zigbee Mid Channel DTS Bandwidth, 2440 MHz



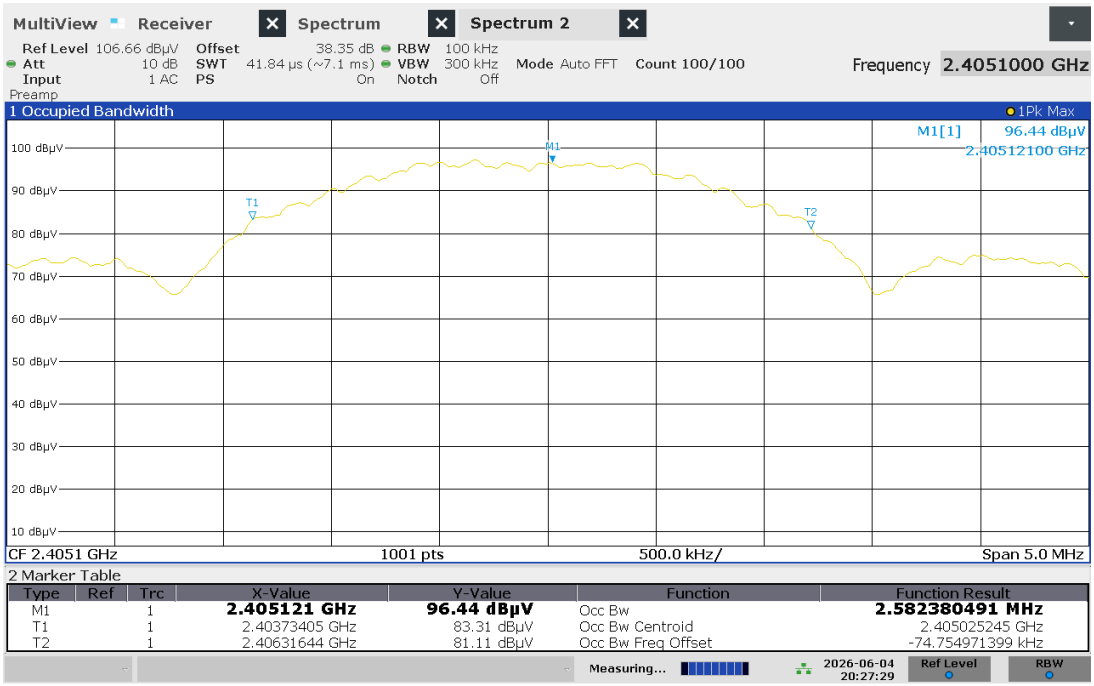

02:09:59 PM 06/05/2026

LNK100 SAB – Zigbee High Channel DTS Bandwidth, 2480 MHz



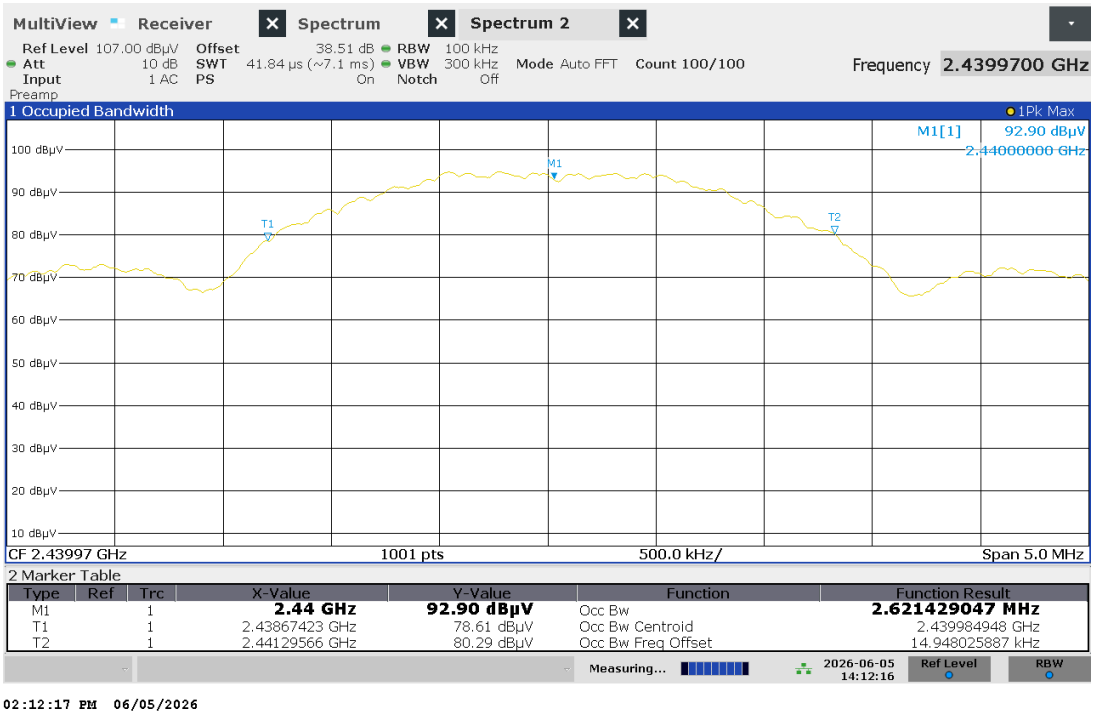

06:12:44 PM 06/04/2026

LNK100 SAB – Zigbee Low Channel Occupied Bandwidth, 2405 MHz



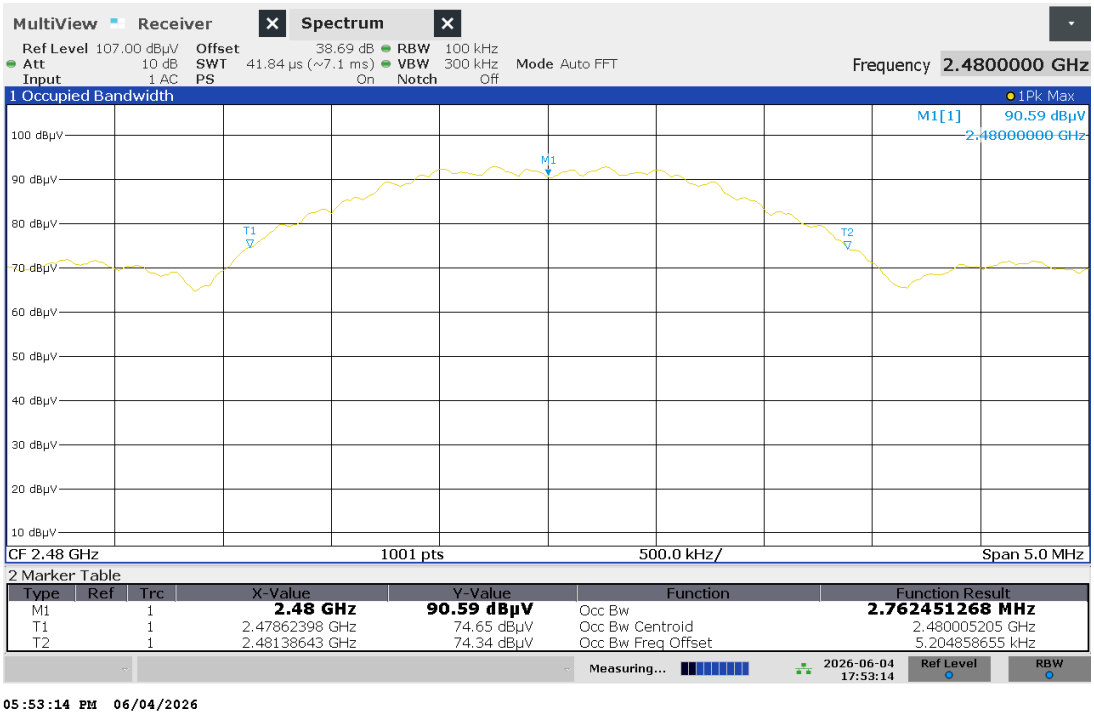

08:27:29 PM 06/04/2026

LNK100 SAB – Zigbee Mid Channel Occupied Bandwidth, 2440 MHz




02:12:17 PM 06/05/2026

LNK100 SAB – Zigbee High Channel Occupied Bandwidth, 2480 MHz




Notes: Antenna factor and cable loss were compensated internally as Off-set.

| Product Standard: CFR47 FCC Part 15.247, RSS-247 | | | | Limit applied: See Report Section 7.2 | | | |
|---|---|---|---|---|---|---|---|
| Test Date | Test Personnel/ Initials | Supervising Engineer/ Initials | Input Voltage | Mode | Atmospheric Data | | |
| | | | | | Temp C° | Relative Humidity % | Atmospheric Pressure mbar |
| 06/04/2026 | Kouma Sinn KPS | Vathana Ven VSV | Internal battery | Continuous transmitting | 25 | 41 | 1006 |
| 06/05/2026 | Kouma Sinn KPS | Vathana Ven VSV | Internal battery | Continuous transmitting | 26 | 34 | 1004 |

Deviations, Additions, or Exclusions: None

# 8 Maximum Power Spectral Density

## 8.1 Method

Tests are performed in accordance with CFR47 FCC Part 15.247, RSS-247, and ANSI C63.10, and KDB 558074 D0115.247Meas Guidancev05r02.

**TEST SITE:** 10m ALSE

**The 10m ALSE** is 13m (Length) x 21m (Depth) x 10m (Height) with the effective size in terms of space from the tips of the absorber is 12m (Length) x 20m (Depth) x 8.5m (Height). This chamber achieves broadband performance using a unique arrangement of hybrid and ferrite tile absorber. This chamber has a built in 3m diameter turntable (Embedded type). The metal structure of the table makes electrical connection around the entire circumference of the turntable to the ground plane with a metal brush type connection. The turntable is located on one end of the chamber and the antennas are mounted 3 and 10 meters away at the other end of the chamber on the adjustable an Antenna Mast. The antenna mast is a non-conductive bore sighted type with remote control of antenna height and polarization. The Antenna Mast and the turntable can be remotely controlled through the controller located in the adjacent Control room. A Styrofoam table 80 cm high is used for table-top equipment.

**Measurement Uncertainty**

| Measurement | Frequency Range | Expanded Uncertainty (k=2) | Ucispr |
|---|---|---|---|
| Radiated Emissions, 10m | 30-1000 MHz | 4.6dB | 6.3 dB |
| Radiated Emissions, 3m | 30-1000 MHz | 5.3 dB | 6.3 dB |
| Radiated Emissions, 3m | 1-6 GHz | 4.5 dB | 5.2 dB |
| Radiated Emissions, 3m | 6-15 GHz | 5.2 dB | 5.5 dB |
| Radiated Emissions, 3m | 15-18 GHz | 5.0 dB | 5.5 dB |
| Radiated Emissions, 3m | 18-40 GHz | 5.0 dB | 5.5 dB |

As shown in the table above our radiated emissions $U_{lab}$ is less than the corresponding $U_{CISPR}$ reference value in CISPR 16-4-2 Table 1, hence the compliance of the product is only based on the measured value, and no measurement uncertainty correction is required, based on CISPR 22 and CISPR 11 (for 2006 and later revisions) Clause 11.

**Sample Calculation**

The field strength is calculated 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 = RA + AF + CF - AG
Where FS = Field Strength in dBμV/m
RA = Receiver Amplitude (including preamplifier) in dBμV
CF = Cable Attenuation Factor in dB
AF = Antenna Factor in dB
AG = Amplifier Gain in dB

In the following table(s), the reading shown on the data table reflects the preamplifier gain. An example for the calculations in the following table is as follows.

Assume a receiver reading of 52.0 dBμV is obtained. The antenna factor of 7.4 dB and cable factor of 1.6 dB is added. The amplifier gain of 29 dB is subtracted, giving a field strength of 32 dBμV/m. This

value in dBμV/m was converted to its corresponding level in μV/m.

RA = 52.0 dBμV
AF = 7.4 dB/m
CF = 1.6 dB
AG = 29.0 dB
FS = 32 dBμV/m

To convert from dBμV to μV or mV the following was used:

$UF = 10^{(NF / 20)}$ where UF = Net Reading in μV
NF = Net Reading in dBμV

**Example:**

FS = RA + AF + CF – AG = 52.0 + 7.4 + 1.6 – 29.0 = 32.0
$UF = 10^{(32\ dB\mu V / 20)}$ = 39.8 μV/m

Alternately, when BAT-EMC Emission Software is used, the “Level” includes all losses and gains and is compared directly in the “Margin” column to the “Limit”. The “Correction” includes Antenna Factor, Preamp, and Cable Loss. These are already accounted for in the “Level” column.

## 8.2 Limit

§15.247 (e) For digitally modulated systems, the power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8 dBm in any 3 kHz band during any time interval of continuous transmission.

Notes: The limits for RSS-247 are the same as the FCC limits above.

## 8.3 Test Equipment Used:

| Asset | Description | Manufacturer | Model | Serial | Cal Date | Cal Due |
|---|---|---|---|---|---|---|
| DAV005’ | Weather Station | Davis | 6250 | MS191218083 | 03/16/2026 | 03/16/2027 |
| HS004’ | 2M long | Huber suhner | SF118A | 505108/118A | 10/09/2025 | 10/09/2026 |
| HS009’ | 8m long | Hubner Suhner | SF106 | 537115/6 | 10/09/2025 | 10/09/2026 |
| HS013’ | 12.5M long | Hubner Suhner | SF106 | 537114/6 | 10/09/2025 | 10/09/2026 |
| ETS002’ | 1-18GHz DRG Horn Antenna | ETS Lindgren | 3117 | 00143260 | 09/18/2025 | 09/18/2026 |
| ROS014’ | Receiver 1Hz-44GHz | Rhode & Schwarz | ESW 44 | 103232 | 06/17/2025 | 06/17/2026 |

**Software Utilized:**

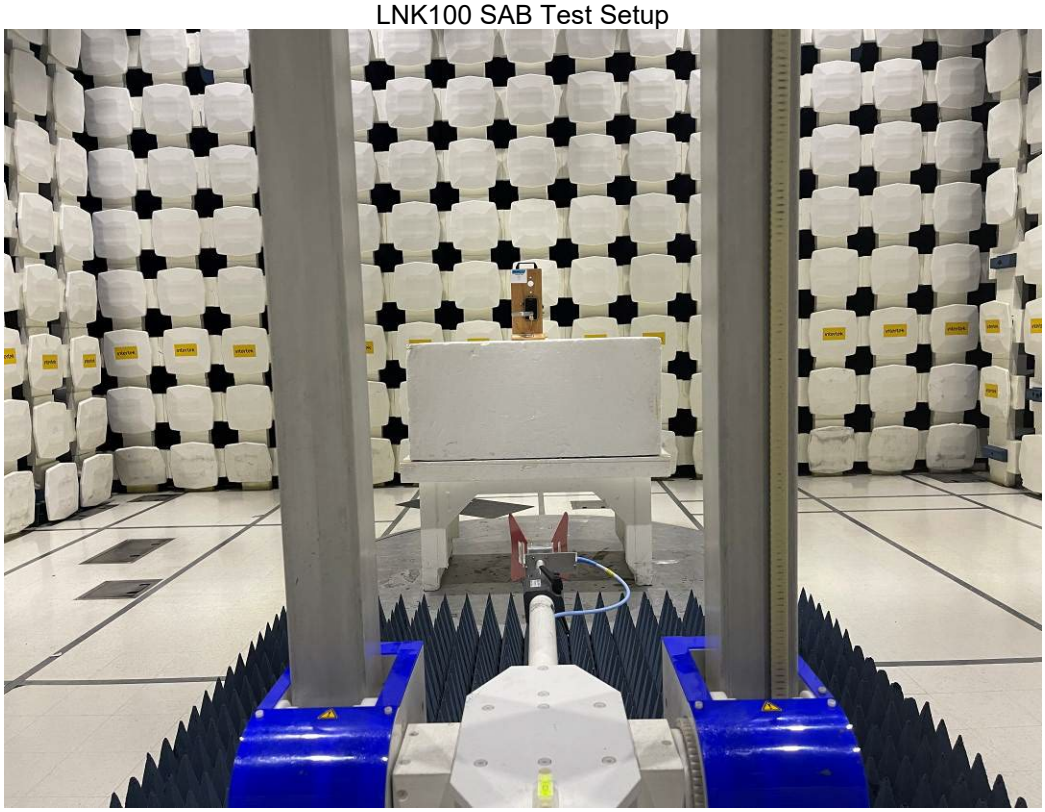
| Name | Manufacturer | Version |
|---|---|---|
| None | | |

## 8.4 Results:

The sample tested was found to Comply.

## 8.5 Setup Photographs:

LNK100 SAB Test Setup



## 8.6 Test Data:

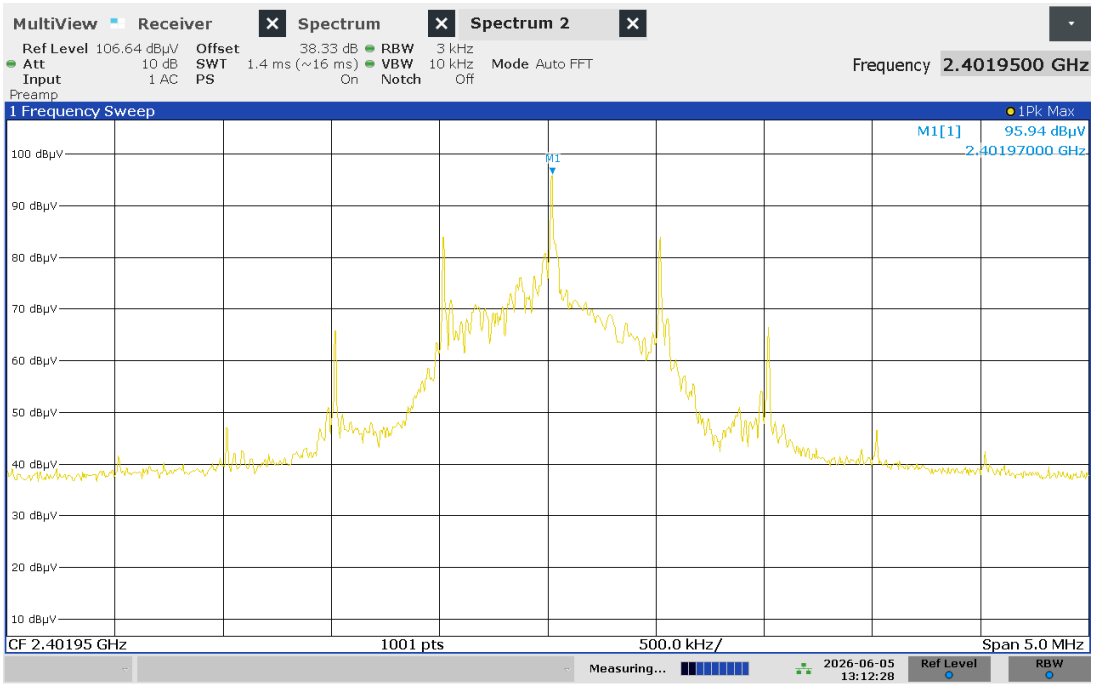
Peak Power Spectral Density

| EUT | Frequency (MHz) | Field Strength (dBµV/m) | Peak Power Spectral Density EIRP (dBm) | Antenna Gain (dBi) | Conducted Peak Power Spectral Density (dBm) | Peak Power Spectral Density Limit (dBm) | Results |
|---|---|---|---|---|---|---|---|
| LNK100 SAB – BLE | 2402.00 | 95.94 | 0.74 | 1.80 | -1.06 | 8.00 | Compliance |
| | 2440.00 | 94.52 | -0.68 | 1.80 | -2.48 | 8.00 | Compliance |
| | 2480.00 | 91.73 | -3.47 | 1.80 | -5.27 | 8.00 | Compliance |
| LNK100 SAB – Zigbee | 240.00 | 84.14 | -11.06 | 1.80 | -12.86 | 8.00 | Compliance |
| | 2440.00 | 82.64 | -12.56 | 1.80 | -14.36 | 8.00 | Compliance |
| | 2480.00 | 80.67 | -14.53 | 1.80 | -16.33 | 8.00 | Compliance |

Note 1:
EIRP = $E_{Meas}$ + 20*log($d_{Meas}$) – 104.7
EIRP is the equivalent isotropically radiated power, in dBm
$E_{Meas}$ is the field strength of the emission at measurement distance, in dBµV/m.
$d_{Meas}$ is the measurement distance, in m.

Note 2: Conducted Peak Power Spectral Density (dBm) = Peak Power Spectral Density EIRP (dBm) – Antenna Gain (dBi)

LNK100 SAB – BLE Low Channel Peak Power Spectral Density, 2402 MHz

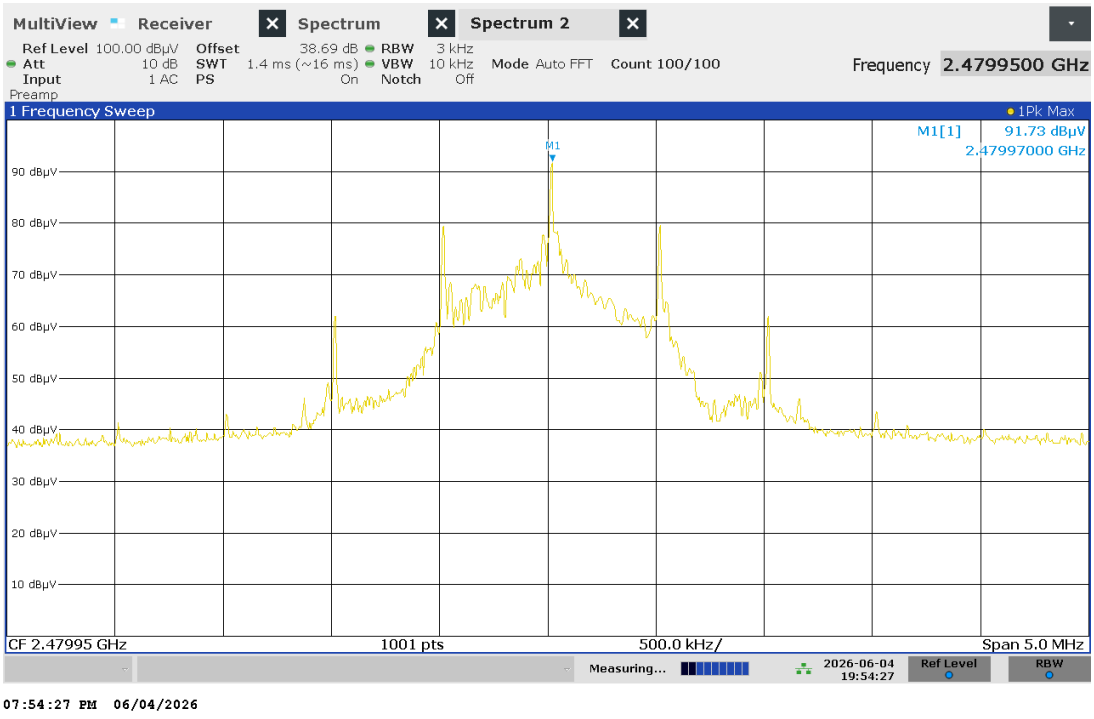



01:12:28 PM 06/05/2026

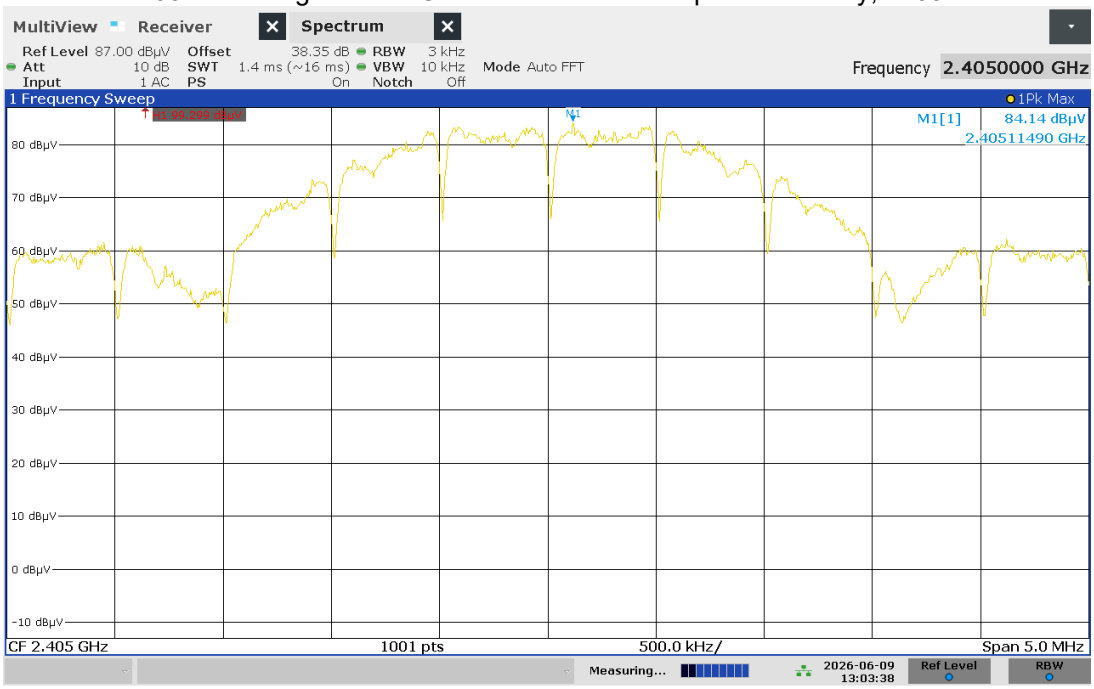
LNK100 SAB – BLE Mid Channel Peak Power Spectral Density, 2440 MHz


01:52:19 PM 06/05/2026

LNK100 SAB – BLE High Channel Peak Power Spectral Density, 2480 MHz



LNK100 SAB – Zigbee Low Channel Peak Power Spectral Density, 2405 MHz

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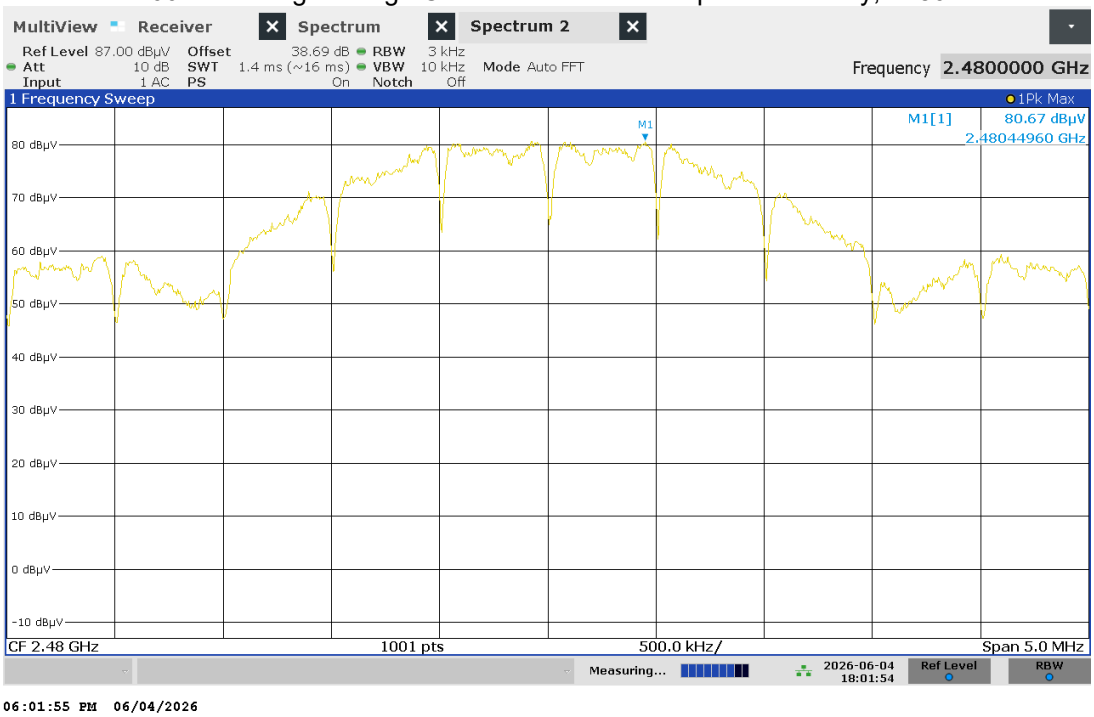
LNK100 SAB – Zigbee Mid Channel Peak Power Spectral Density, 2440 MHz


02:13:33 PM 06/05/2026

LNK100 SAB – Zigbee High Channel Peak Power Spectral Density, 2480 MHz




Notes: Antenna factor and cable loss were compensated internally as Off-set.

| Product Standard: CFR47 FCC Part 15.247, RSS-247 | | | | Limit applied: See Report Section 8.2 | | | |
|---|---|---|---|---|---|---|---|
| Test Date | Test Personnel/ Initials | Supervising Engineer/ Initials | Input Voltage | Mode | Atmospheric Data | | |
| | | | | | Temp C° | Relative Humidity % | Atmospheric Pressure mbar |
| 06/04/2026 | Kouma Sinn KPS | Vathana Ven VSV | Internal battery | Continuous transmitting | 25 | 41 | 1006 |
| 06/05/2026 | Kouma Sinn KPS | Vathana Ven VSV | Internal battery | Continuous transmitting | 26 | 34 | 1004 |

Deviations, Additions, or Exclusions: None

# 9 Band Edge Compliance

## 9.1 Method

Tests are performed in accordance with FCC Part 15 Subpart C 15.247, RSS 247, and ANSI C 63.10.

**TEST SITE:** 10m ALSE

**The 10m ALSE** is 13m (Length) x 21m (Depth) x 10m (Height) with the effective size in terms of space from the tips of the absorber is 12m (Length) x 20m (Depth) x 8.5m (Height). This chamber achieves broadband performance using a unique arrangement of hybrid and ferrite tile absorber. This chamber has a built in 3m diameter turntable (Embedded type). The metal structure of the table makes electrical connection around the entire circumference of the turntable to the ground plane with a metal brush type connection. The turntable is located on one end of the chamber and the antennas are mounted 3 and 10 meters away at the other end of the chamber on the adjustable an Antenna Mast. The antenna mast is a non-conductive bore sighted type with remote control of antenna height and polarization. The Antenna Mast and the turntable can be remotely controlled through the controller located in the adjacent Control room. A Styrofoam table 80 cm high is used for table-top equipment.

## 9.2 Limit

15.247 (d) In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in §15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a) (see §15.205(c))

Notes: The limits for RSS-247 are the same as the FCC limits above.

## 9.3 Test Equipment Used:

| Asset | Description | Manufacturer | Model | Serial | Cal Date | Cal Due |
|---|---|---|---|---|---|---|
| DAV005' | Weather Station | Davis | 6250 | MS191218083 | 03/16/2026 | 03/16/2027 |
| HS004' | 2M long | Huber suhner | SF118A | 505108/118A | 10/09/2025 | 10/09/2026 |
| HS009' | 8m long | Hubner Suhner | SF106 | 537115/6 | 10/09/2025 | 10/09/2026 |
| HS013' | 12.5M long | Hubner Suhner | SF106 | 537114/6 | 10/09/2025 | 10/09/2026 |
| ETS002' | 1-18GHz DRG Horn Antenna | ETS Lindgren | 3117 | 00143260 | 09/18/2025 | 09/18/2026 |
| ROS014' | Receiver 1Hz-44GHz | Rhode & Schwarz | ESW 44 | 103232 | 06/17/2025 | 06/17/2026 |

**Software Utilized:**

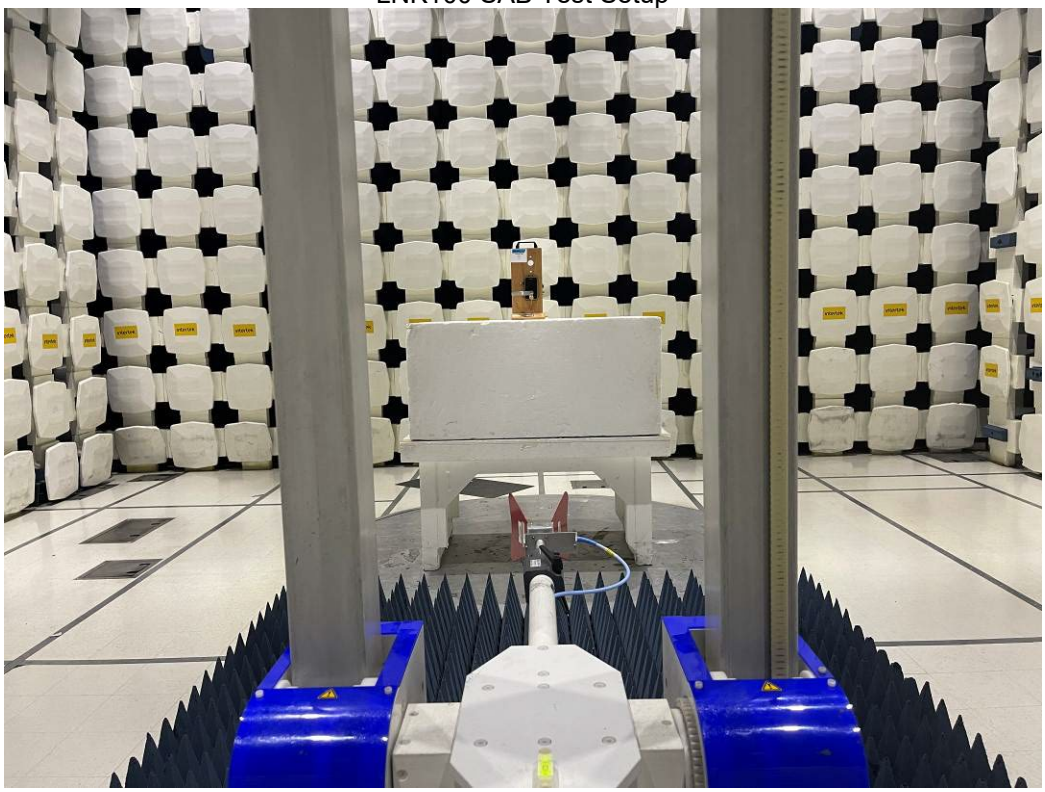
| Name | Manufacturer | Version |
|---|---|---|
| None | | |

## 9.4 Results:

The sample tested was found to Comply.

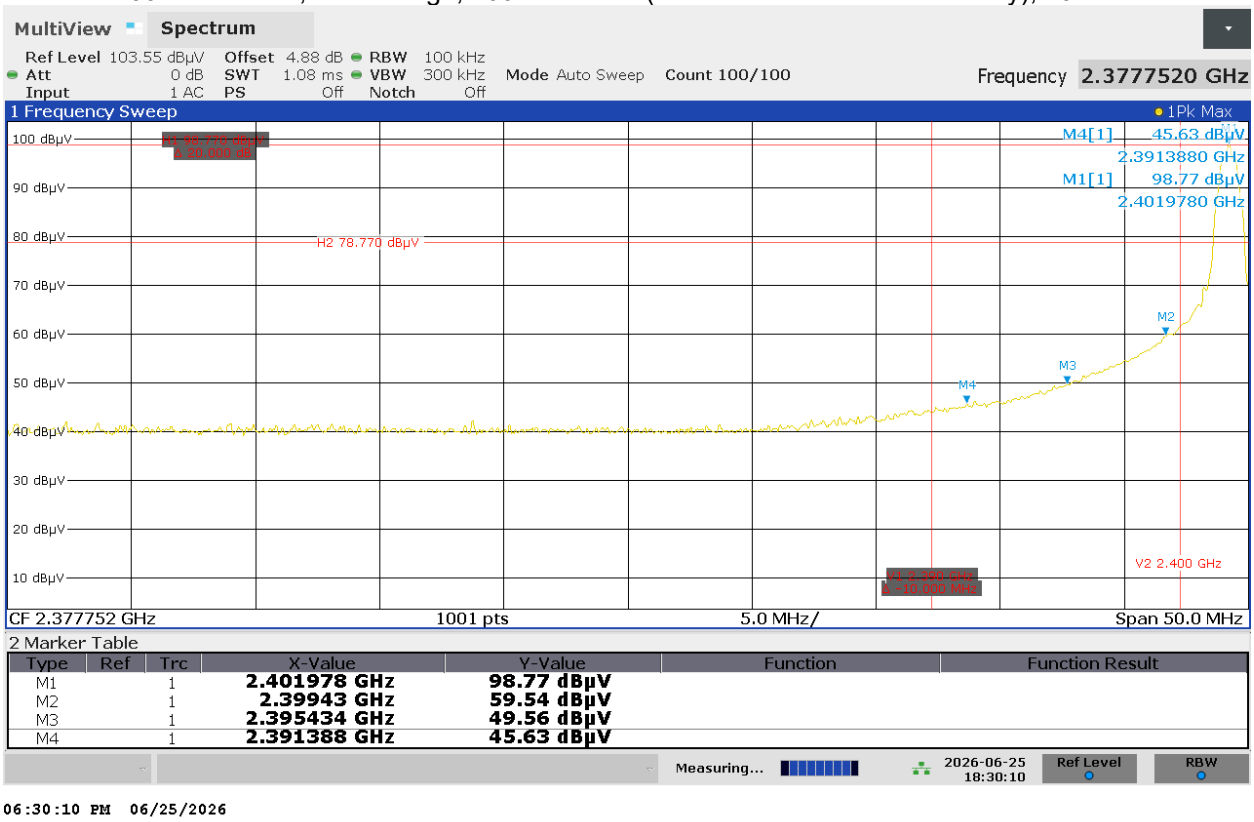
## 9.5 Setup Photographs:

LNK100 SAB Test Setup



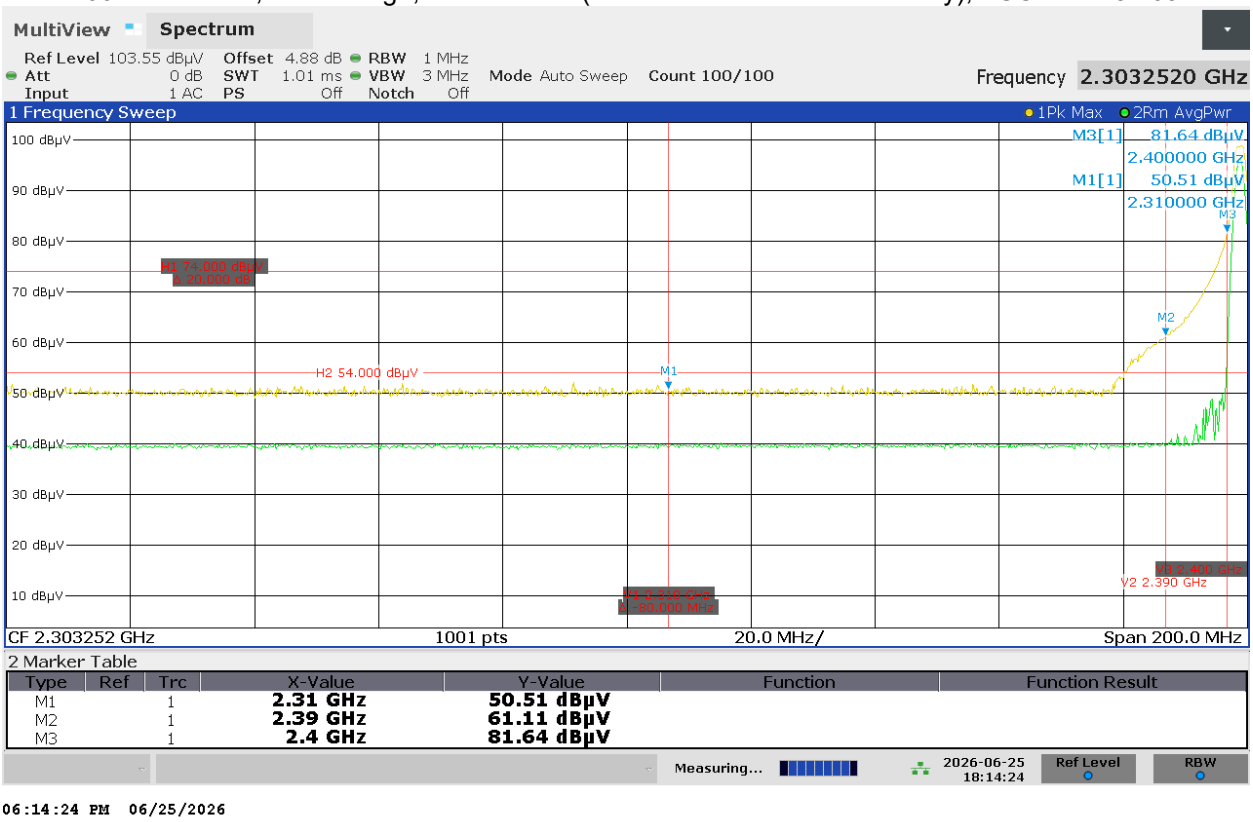
## 9.6 Test Data:

LNK100 SAB – BLE, Lower Edge, 100 kHz RBW (Worst-case: Horizontal Polarity), 20 dBc Limit



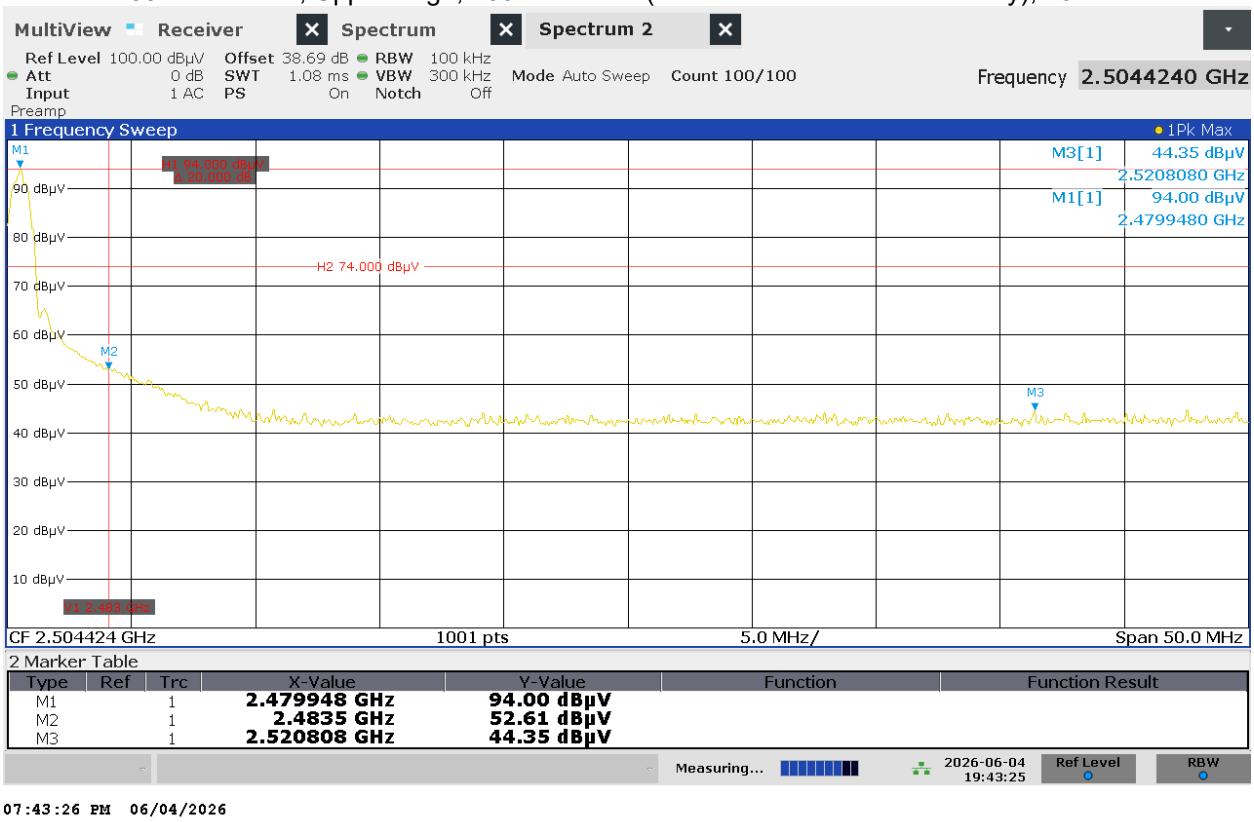

Notes: Antenna factor and cable loss were compensated internally as Off-set.

LNK100 SAB – BLE, Lower Edge, 1 MHz RBW (Worst-case: Horizontal Polarity), FCC Part 15.209 limit




Notes: Antenna factor and cable loss were compensated internally as Off-set.

LNK100 SAB – BLE, Upper Edge, 100 kHz RBW (Worst-case: Horizontal Polarity), 20 dBc Limit

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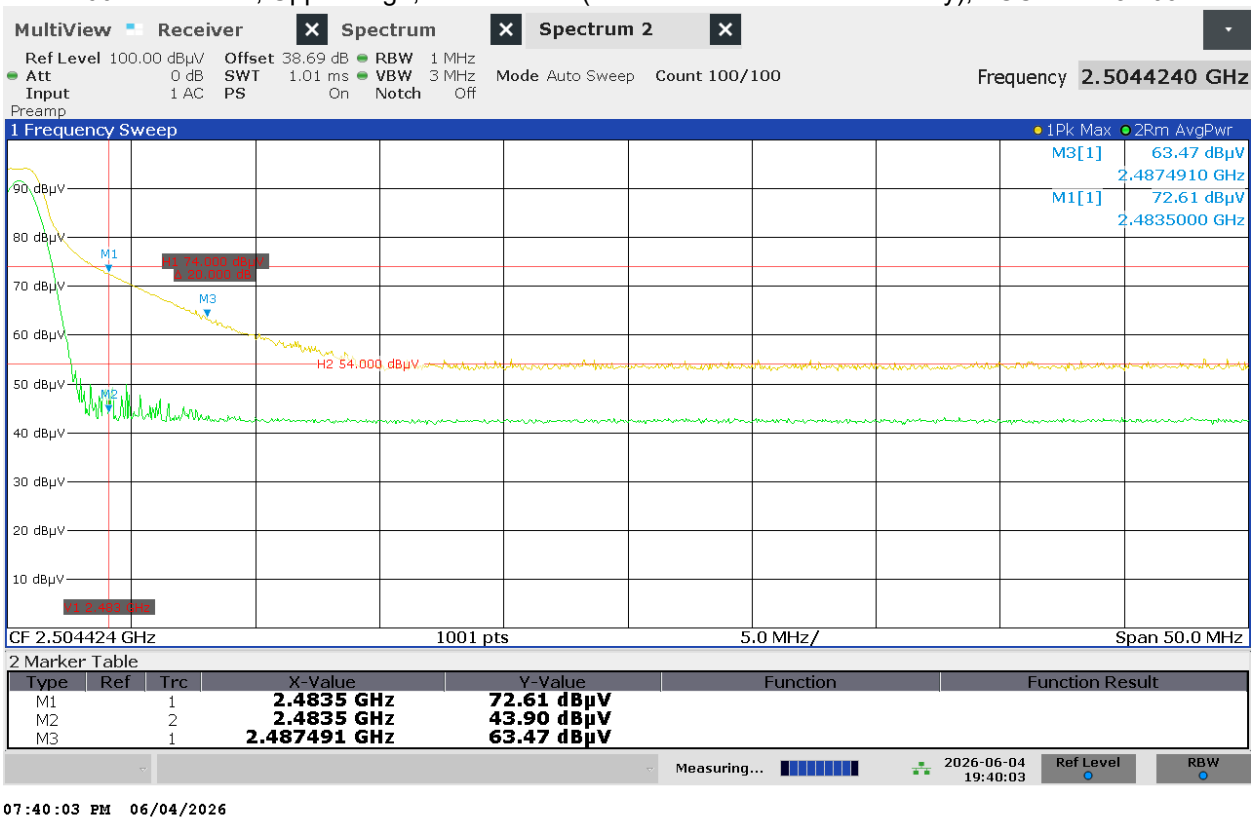
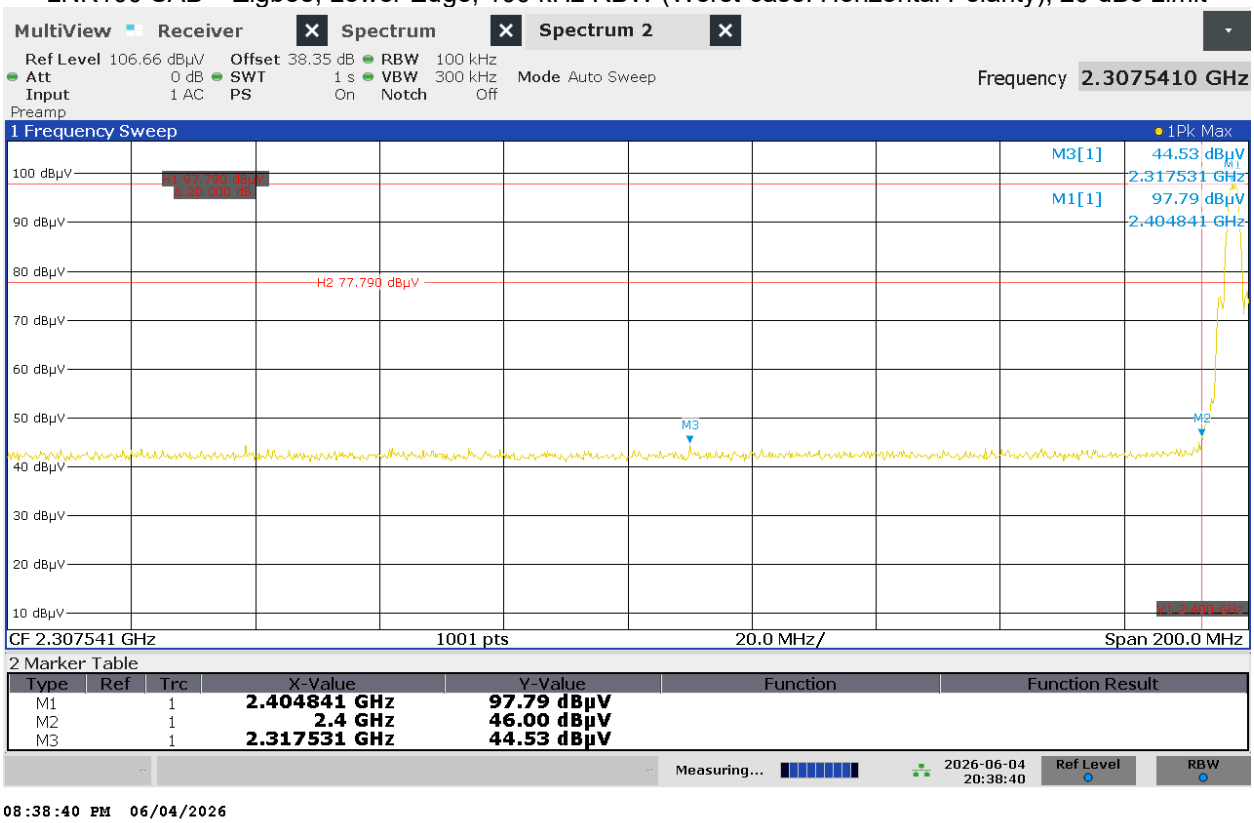
Notes: Antenna factor and cable loss were compensated internally as Off-set.

LNK100 SAB – BLE, Upper Edge, 1 MHz RBW (Worst-case: Horizontal Polarity), FCC Part 15.209 limit



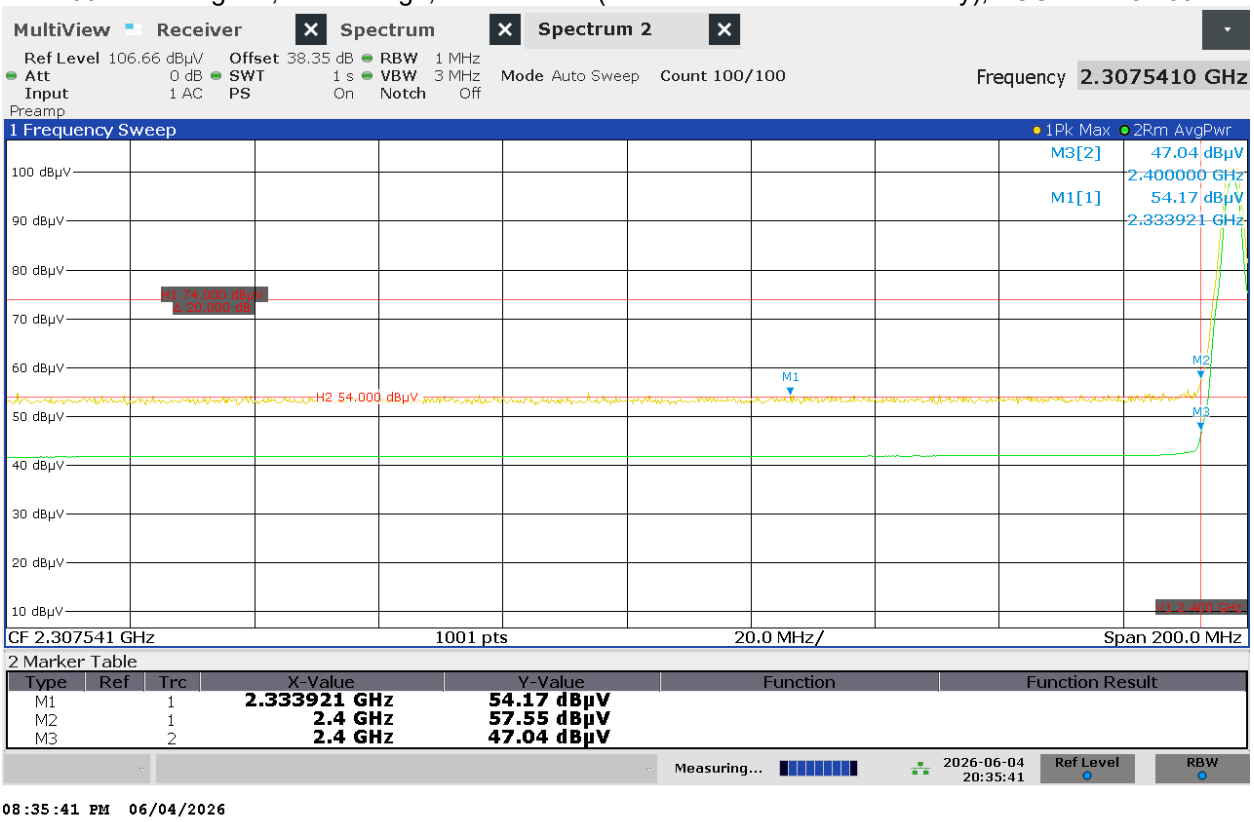

Notes: Antenna factor and cable loss were compensated internally as dB off-set.

LNK100 SAB – Zigbee, Lower Edge, 100 kHz RBW (Worst-case: Horizontal Polarity), 20 dBc Limit



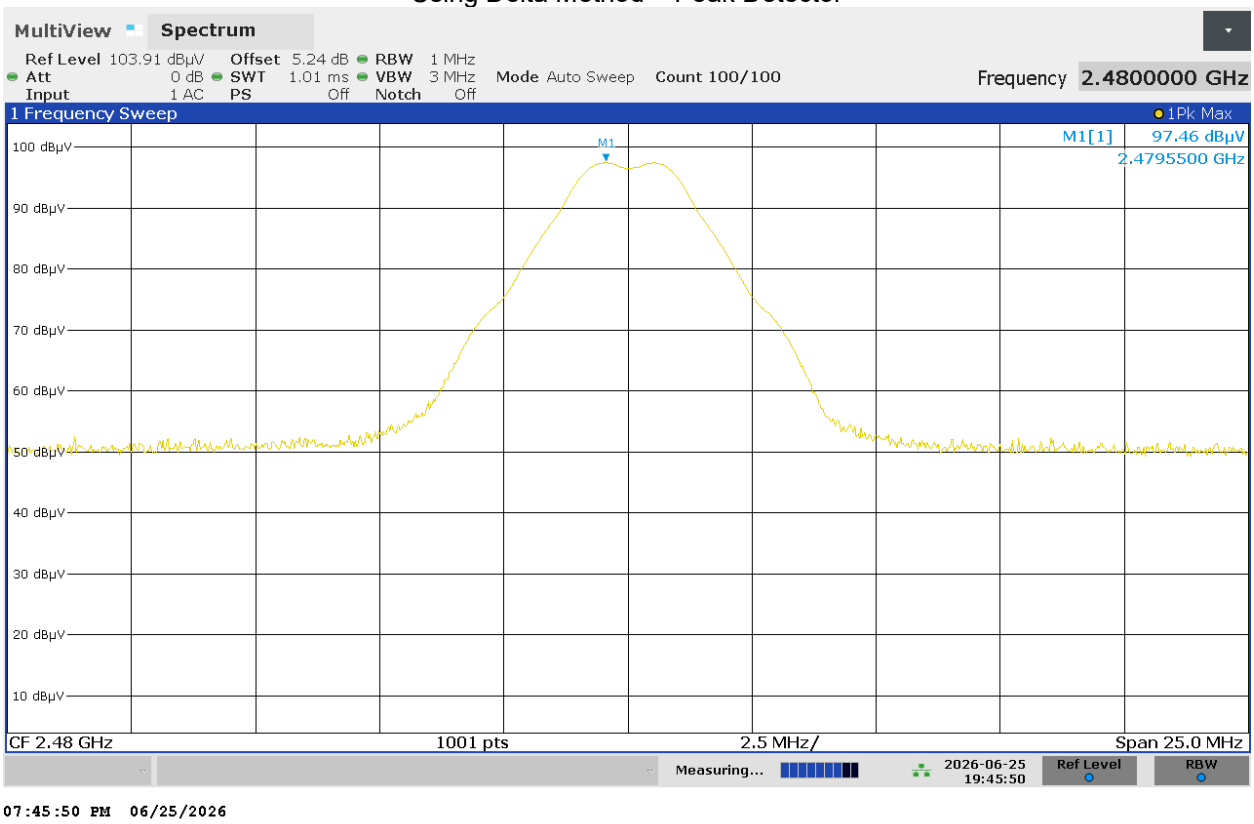

Notes: Antenna factor and cable loss were compensated internally as Off-set.

LNK100 SAB – Zigbee, Lower Edge, 1 MHz RBW (Worst-case: Horizontal Polarity), FCC Part 15.209 limit



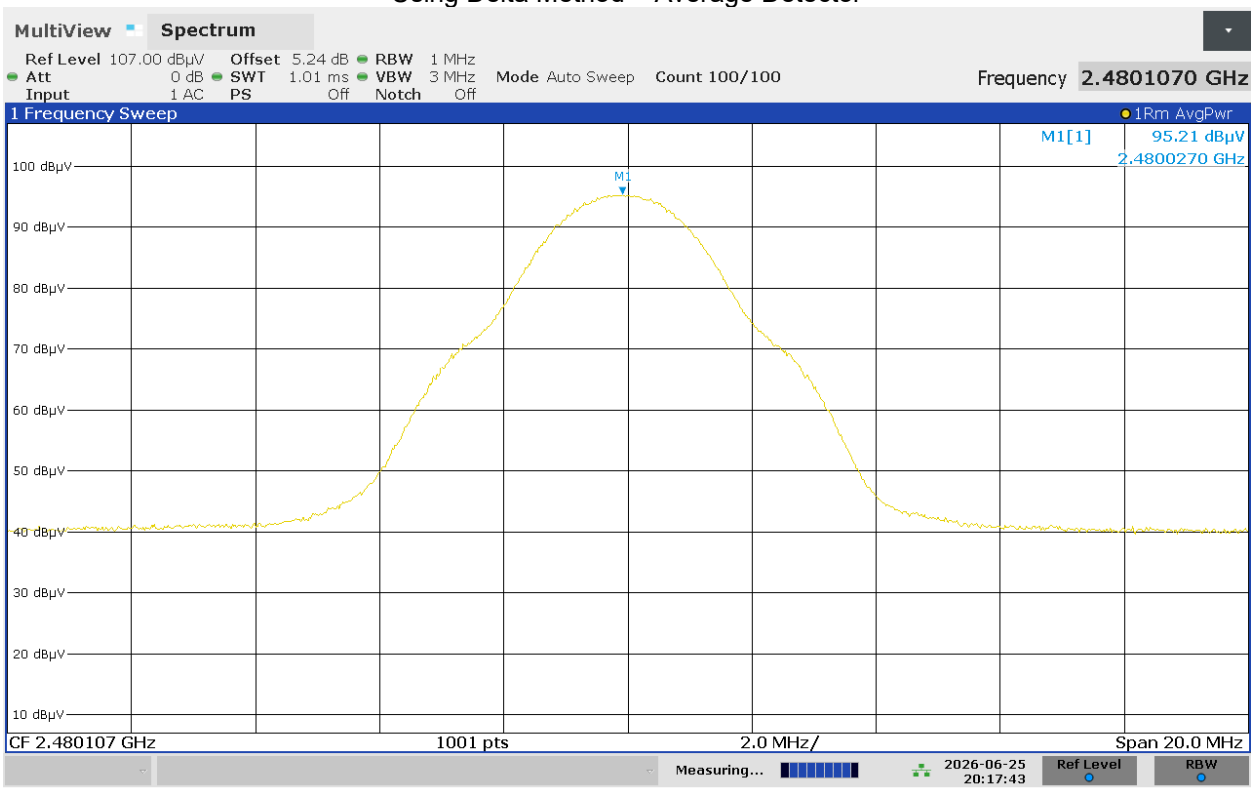

Notes: Antenna factor and cable loss were compensated internally as Off-set.

LNK100 SAB – Zibee, Upper Edge, (Worst-case: Vertical Polarity)
Using Delta Method – Peak Detector




Notes: Antenna factor and cable loss were compensated internally as Off-set.

LNK100 SAB – Zibee, Upper Edge, (Worst-case: Vertical Polarity)
Using Delta Method – Average Detector



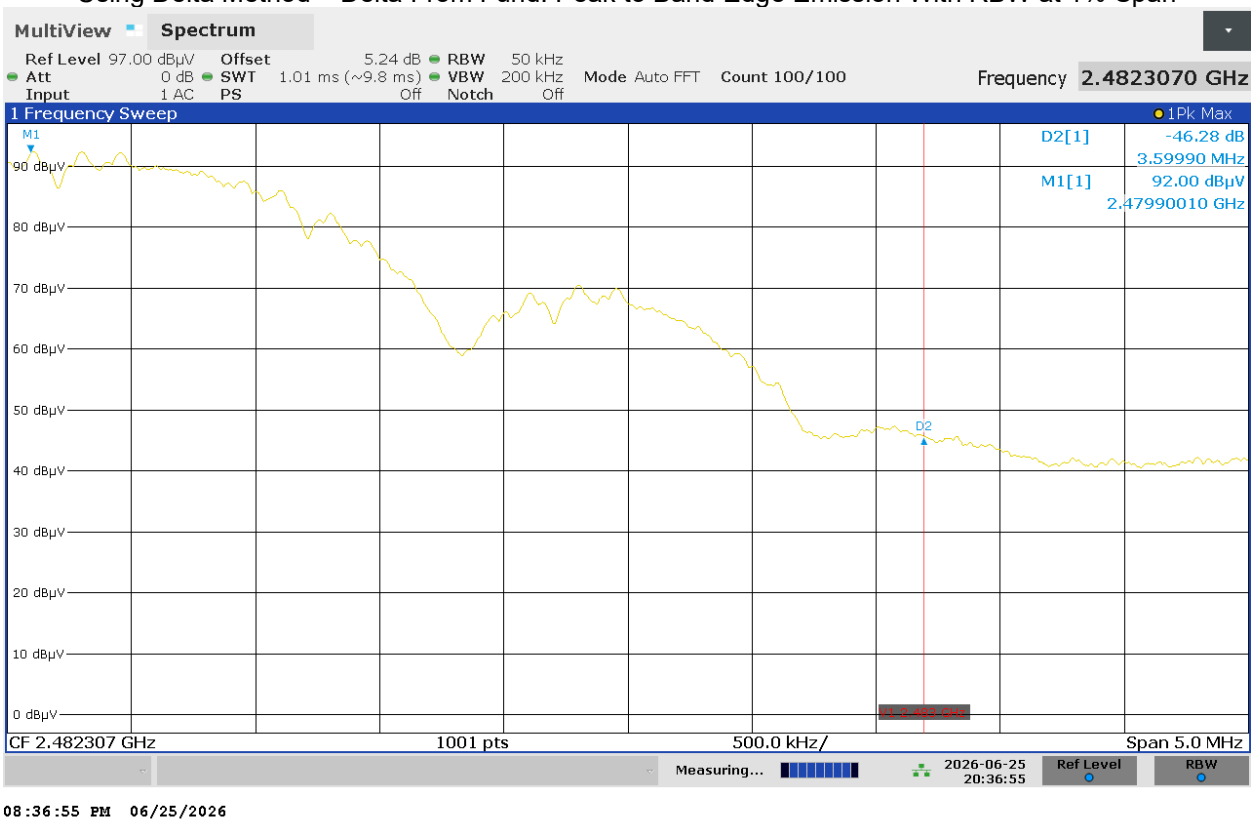

Notes: Antenna factor and cable loss were compensated internally as Off-set.

LNK100 SAB – Zibee, Upper Edge, (Worst-case: Vertical Polarity)
Using Delta Method – Fundamental & Band Edge Emission With RBW at 1 % Span


08:33:59 PM 06/25/2026

Notes: Antenna factor and cable loss were compensated internally as Off-set.

LNK100 SAB – Zibee, Upper Edge, (Worst-case: Vertical Polarity)
Using Delta Method – Delta From Fund. Peak to Band Edge Emission With RBW at 1% Span




Notes: Antenna factor and cable loss were compensated internally as Off-set.

| Product Standard: CFR47 FCC Part 15.247, RSS-247 | | | | Limit applied: See Report Section 9.2 | | | |
|---|---|---|---|---|---|---|---|
| Test Date | Test Personnel/ Initials | Supervising Engineer/ Initials | Input Voltage | Mode | Atmospheric Data | | |
| | | | | | Temp C° | Relative Humidity % | Atmospheric Pressure mbar |
| 06/04/2026 | Kouma Sinn KPS | Vathana Ven VJV | Internal battery | Continuous transmitting | 25 | 41 | 1006 |
| 06/25/2026 | Kouma Sinn KPS | Vathana Ven VJV | Internal battery | Continuous transmitting | 24 | 43 | 1009 |

Deviations, Additions, or Exclusions: None

# 10 Transmitter spurious emissions

## 10.1 Method

Tests are performed in accordance with FCC Part 15 Subpart C 15.247, FCC Part 15 Subpart B, RSS 247, ISED ICES 003, ANSI C 63.10, and ANSI C 63.4.

**TEST SITE:** 10m ALSE

**The 10m ALSE** is 13m (Length) x 21m (Depth) x 10m (Height) with the effective size in terms of space from the tips of the absorber is 12m (Length) x 20m (Depth) x 8.5m (Height). This chamber achieves broadband performance using a unique arrangement of hybrid and ferrite tile absorber. This chamber has a built in 3m diameter turntable (Embedded type). The metal structure of the table makes electrical connection around the entire circumference of the turntable to the ground plane with a metal brush type connection. The turntable is located on one end of the chamber and the antennas are mounted 3 and 10 meters away at the other end of the chamber on the adjustable an Antenna Mast. The antenna mast is a non-conductive bore sighted type with remote control of antenna height and polarization. The Antenna Mast and the turntable can be remotely controlled through the controller located in the adjacent Control room. A Styrofoam table 80 cm high is used for table-top equipment.

**Measurement Uncertainty**

| Measurement | Frequency Range | Expanded Uncertainty (k=2) | Ucispr |
|---|---|---|---|
| Radiated Emissions, 10m | 30-1000 MHz | 4.6dB | 6.3 dB |
| Radiated Emissions, 3m | 30-1000 MHz | 5.3 dB | 6.3 dB |
| Radiated Emissions, 3m | 1-6 GHz | 4.5 dB | 5.2 dB |
| Radiated Emissions, 3m | 6-15 GHz | 5.2 dB | 5.5 dB |
| Radiated Emissions, 3m | 15-18 GHz | 5.0 dB | 5.5 dB |
| Radiated Emissions, 3m | 18-40 GHz | 5.0 dB | 5.5 dB |

As shown in the table above our radiated emissions $U_{lab}$ is less than the corresponding $U_{CISPR}$ reference value in CISPR 16-4-2 Table 1, hence the compliance of the product is only based on the measured value, and no measurement uncertainty correction is required, based on CISPR 22 and CISPR 11 (for 2006 and later revisions) Clause 11.

**Sample Calculation**

The field strength is calculated 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 = RA + AF + CF - AG
Where FS = Field Strength in dBμV/m
RA = Receiver Amplitude (including preamplifier) in dBμV
CF = Cable Attenuation Factor in dB
AF = Antenna Factor in dB
AG = Amplifier Gain in dB

In the following table(s), the reading shown on the data table reflects the preamplifier gain. An example for the calculations in the following table is as follows.

Assume a receiver reading of 52.0 dBμV is obtained. The antenna factor of 7.4 dB and cable factor of 1.6 dB is added. The amplifier gain of 29 dB is subtracted, giving a field strength of 32 dBμV/m. This

value in dBμV/m was converted to its corresponding level in μV/m.

RA = 52.0 dBμV
AF = 7.4 dB/m
CF = 1.6 dB
AG = 29.0 dB
FS = 32 dBμV/m

To convert from dBμV to μV or mV the following was used:

$UF = 10^{(NF / 20)}$ where UF = Net Reading in μV
NF = Net Reading in dBμV

**Example:**

FS = RA + AF + CF – AG = 52.0 + 7.4 + 1.6 – 29.0 = 32.0
$UF = 10^{(32\ dB\mu V / 20)}$ = 39.8 μV/m

Alternately, when BAT-EMC Emission Software is used, the “Level” includes all losses and gains and is compared directly in the “Margin” column to the “Limit”. The “Correction” includes Antenna Factor, Preamp, and Cable Loss. These are already accounted for in the “Level” column.

### 10.2 Limits

Limits – FCC Part §15.247 (d) In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in §15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a) (see §15.205(c))

Limits – FCC Part §15.209 (a) The emissions from an intentional radiator shall not exceed the field strength levels specified in the following table:

| Frequency (MHz) | Field strength (microvolts/meter) | Measurement distance (meters) |
|---|---|---|
| 0.009–0.490 | 2400/F(kHz) | 300 |
| 0.490–1.705 | 24000/F(kHz) | 30 |
| 1.705–30.0 | 30 | 30 |
| 30–88 | 100 | 3 |
| 88–216 | 150 | 3 |
| 216–960 | 200 | 3 |
| Above 960 | 500 | 3 |

Notes: The limits for RSS-247 are the same as the FCC limits above.

## 10.3 Test Equipment Used:

Test equipment used from 9 kHz-30 MHz

| Asset | Description | Manufacturer | Model | Serial | Cal Date | Cal Due |
|---|---|---|---|---|---|---|
| DAV005' | Weather Station | Davis | 6250 | MS191218083 | 03/16/2026 | 03/16/2027 |
| ROS014' | Receiver 1Hz-44GHz | Rhode & Schwarz | ESW 44 | 103232 | 06/17/2025 | 06/17/2026 |
| HS004' | 2M long | Huber suhner | SF118A | 505108/118A | 10/09/2025 | 10/09/2026 |
| HS005' | 2M long | Huber suhner | SF118A | 505109/118A | 10/09/2025 | 10/09/2026 |
| HS009' | 8m long | Hubner Suhner | SF106 | 537115/6 | 10/09/2025 | 10/09/2026 |
| HS013' | 12.5M long | Hubner Suhner | SF106 | 537114/6 | 10/09/2025 | 10/09/2026 |
| ETS003' | 9kHz-30MHz Active Loop Antenna | ETS Lindgren | 6502 | 00143396 | 02/19/2026 | 02/19/2027 |
| CBLBNC62 | RG223U 25ft long | Pomona | RG223U | CBLBNC62 | 07/10/2025 | 07/10/2026 |

| Name | Manufacturer | Version |
|---|---|---|
| BAT-EMC | Nexio | 2022.0.27.0 |

Test equipment used from 30-1000 MHz

| Asset | Description | Manufacturer | Model | Serial | Cal Date | Cal Due |
|---|---|---|---|---|---|---|
| DAV005' | Weather Station | Davis | 6250 | MS191218083 | 03/16/2026 | 03/16/2027 |
| ROS011' | ESW44 receiver 1Hz-44GHz | Rhode and Schwarz | ESW44 | 103296 | 10/29/2025 | 10/29/2026 |
| HS006' | 2m Long | Huber suhner | SF118A | 505110/118A | 10/09/2025 | 10/09/2026 |
| HS010 | 8.2M long | Hubner Suhner | SF118A | 521479/118A | 10/09/2025 | 10/09/2026 |
| 145-406' | 10m Track A In-floor Cable #1 | Huber + Suhner | sucoflex 160-19220mm | 001 | 06/26/2025 | 06/26/2026 |
| HS004' | 2M long | Huber suhner | SF118A | 505108/118A | 10/09/2025 | 10/09/2026 |
| PRE11' | 50dB gain pre-amp | Pasternack | PRE11 | PRE11 | 09/16/2025 | 09/16/2026 |
| 145145' | Broadband Hybrid Antenna 30 MHz - 3 GHz | Sunol Sciences Corp. | JB3 | A122313 | 07/17/2025 | 07/17/2026 |

| Name | Manufacturer | Version |
|---|---|---|
| BAT-EMC | Nexio | 2022.0.27.0 |

Test equipment used from 1-3 GHz

| Asset | Description | Manufacturer | Model | Serial | Cal Date | Cal Due |
|---|---|---|---|---|---|---|
| DAV005' | Weather Station | Davis | 6250 | MS191218083 | 03/16/2026 | 03/16/2027 |
| ROS014' | Receiver 1Hz-44GHz | Rhode & Schwarz | ESW 44 | 103232 | 06/17/2025 | 06/17/2026 |
| HS004' | 2M long | Huber suhner | SF118A | 505108/118A | 10/09/2025 | 10/09/2026 |
| HS005' | 2M long | Huber suhner | SF118A | 505109/118A | 10/09/2025 | 10/09/2026 |
| HS009' | 8m long | Hubner Suhner | SF106 | 537115/6 | 10/09/2025 | 10/09/2026 |
| HS013' | 12.5M long | Hubner Suhner | SF106 | 537114/6 | 10/09/2025 | 10/09/2026 |
| ETS002' | 1-18GHz DRG Horn Antenna | ETS Lindgren | 3117 | 00143260 | 09/18/2025 | 09/18/2026 |
| PRE12' | Pre-amplifier | Com Power | PAM-118A | 18040117 | 04/02/2026 | 04/02/2027 |
| REA008' | band reject filter 2.4GHz | Reactel, Inc | 12RX7-2441.75-x140 S | 17-01 | 12/31/2025 | 12/31/2026 |

| Name | Manufacturer | Version |
|---|---|---|
| BAT-EMC | Nexio | 2022.0.27.0 |

Test equipment used from 3-18 GHz

| Asset | Description | Manufacturer | Model | Serial | Cal Date | Cal Due |
|---|---|---|---|---|---|---|
| DAV005' | Weather Station | Davis | 6250 | MS191218083 | 03/16/2026 | 03/16/2027 |
| ROS014' | Receiver 1Hz-44GHz | Rhode & Schwarz | ESW 44 | 103232 | 06/17/2025 | 06/17/2026 |
| HS004' | 2M long | Huber suhner | SF118A | 505108/118A | 10/09/2025 | 10/09/2026 |
| HS005' | 2M long | Huber suhner | SF118A | 505109/118A | 10/09/2025 | 10/09/2026 |
| HS009' | 8m long | Hubner Suhner | SF106 | 537115/6 | 10/09/2025 | 10/09/2026 |
| HS013' | 12.5M long | Hubner Suhner | SF106 | 537114/6 | 10/09/2025 | 10/09/2026 |
| ETS002' | 1-18GHz DRG Horn Antenna | ETS Lindgren | 3117 | 00143260 | 09/18/2025 | 09/18/2026 |
| PRE12' | Pre-amplifier | Com Power | PAM-118A | 18040117 | 04/02/2026 | 04/02/2027 |
| REA004' | 3GHz High Pass Filter | Reactel, Inc | 7HSX-3G/18G-S11 | 06-1 | 03/17/2026 | 03/17/2027 |

| Name | Manufacturer | Version |
|---|---|---|
| BAT-EMC | Nexio | 2022.0.27.0 |

Test equipment used from 18-25 GHz

| Asset | Description | Manufacturer | Model | Serial | Cal Date | Cal Due |
|---|---|---|---|---|---|---|
| DAV005' | Weather Station | Davis | 6250 | MS191218083 | 03/16/2026 | 03/16/2027 |
| ROS005-1' | Signal and Spectrum Analyzer | Rohde and Shwartz | FSW43 | 100646 | 01/29/2026 | 01/29/2027 |
| MEG002' | Cable,SMA-SMA,9KHz-40GHz, (Cable Kit 6) | Megaphase | TM40-K1K1-197 | 59006401001 | 01/28/2026 | 01/28/2027 |
| CBLHF2012-1.5M' | 1.5m 9kHz-40GHz cable | Huber shShuner | SF102 | 233086001 | 01/28/2026 | 01/28/2027 |
| EMC018' | 18-40GHz Pre-amp 40dB gain | The EMC Shop | PA40G | 27490-01 | 08/05/2025 | 08/05/2026 |
| ETS004' | 18-40GHZ horn antenna | ets004 | 3116C | 00218579 | 04/08/2026 | 04/08/2027 |
| REA006' | 18GHz High Pass Filter | Reactel, Inc | 7HS-18G/40G K11 | (06)1 | 04/02/2026 | 04/02/2027 |

**Software Utilized:**

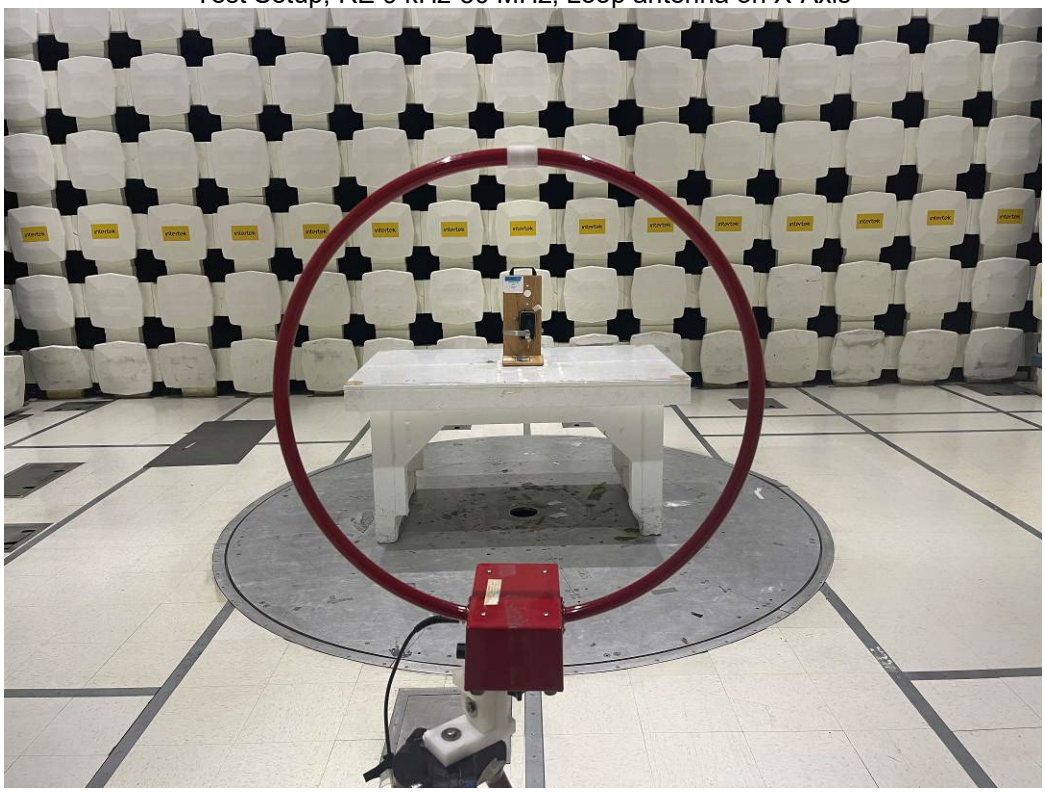
| Name | Manufacturer | Version |
|---|---|---|
| None | N/A | N/A |

## 10.4 Results:

The sample tested was found to Comply.

### 10.5 Setup Photographs:

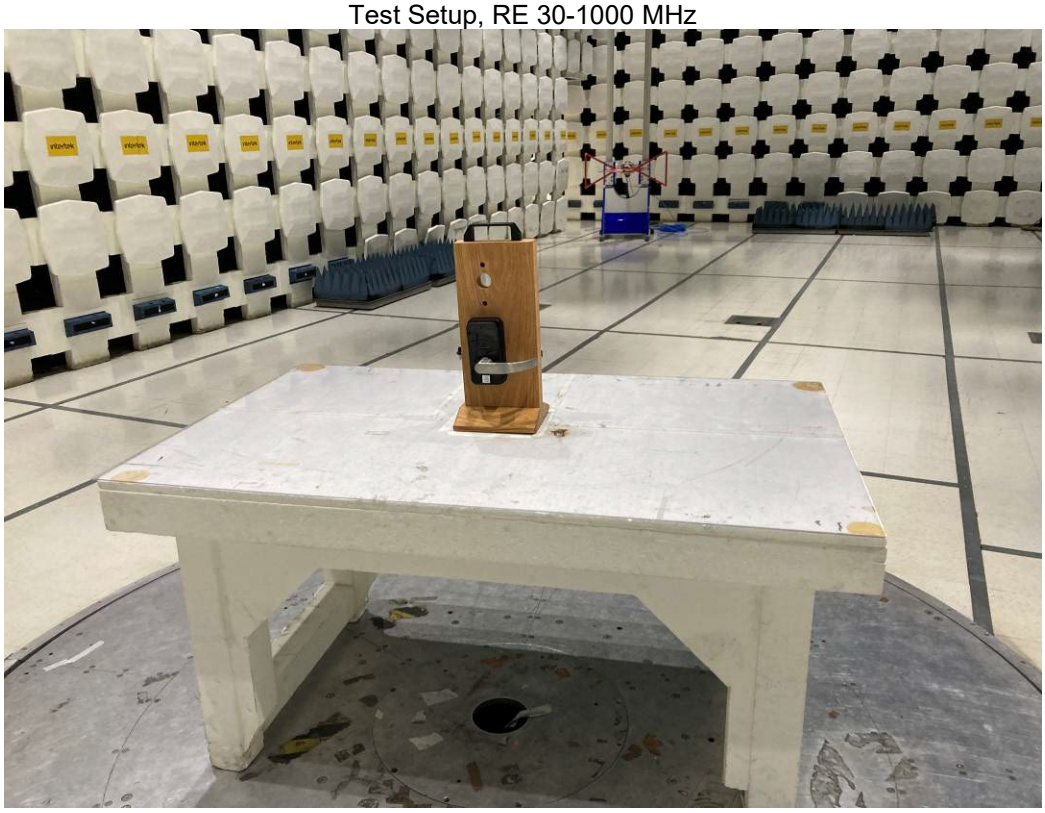
Test Setup, RE 9 kHz-30 MHz, Loop antenna on X-Axis

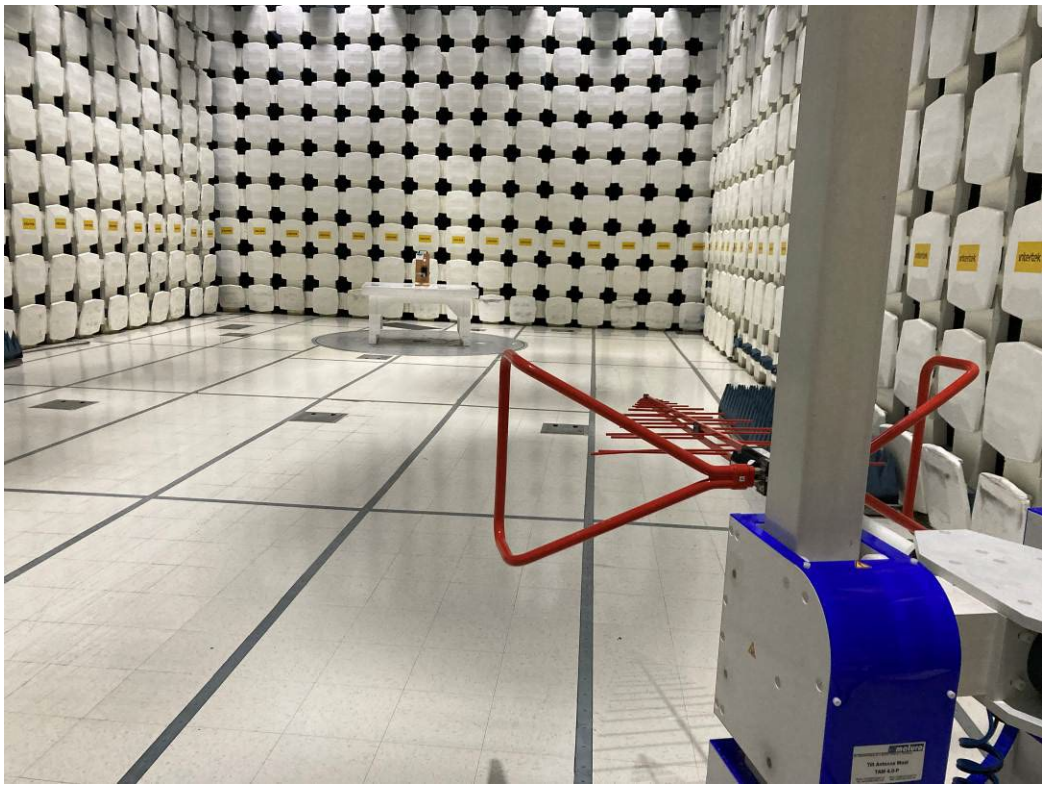


Test Setup, RE 9 kHz-30 MHz, Loop antenna on Y-Axis

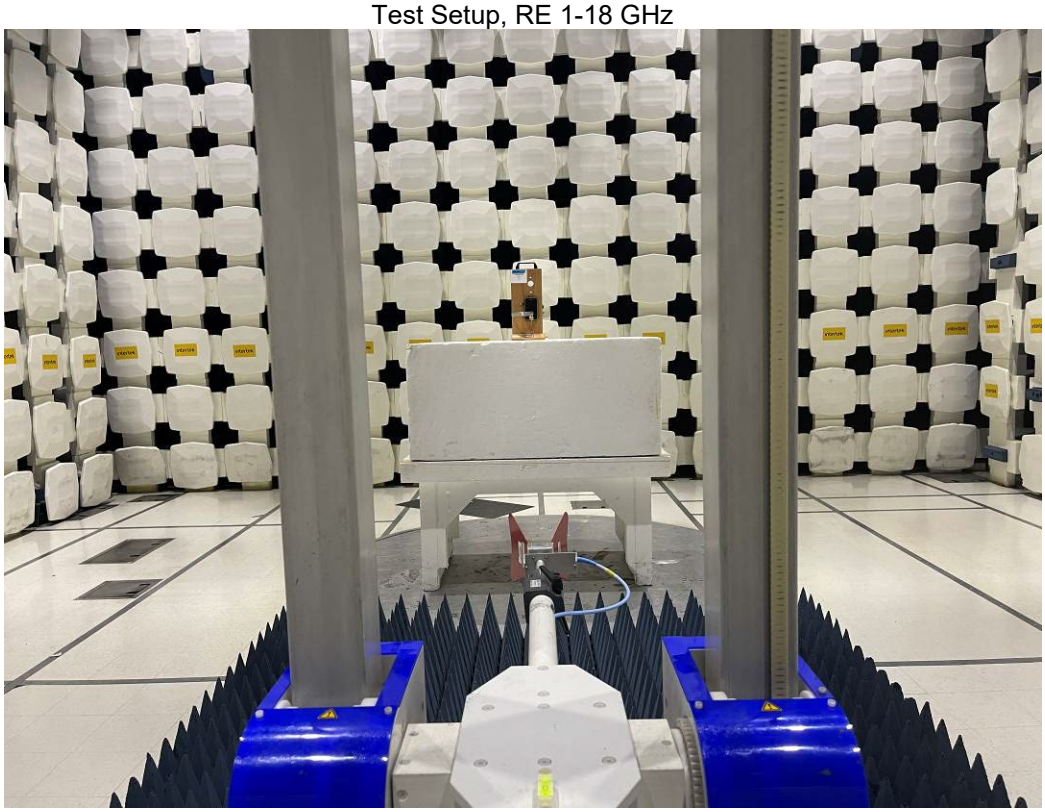
Test Setup, RE 9 kHz-30 MHz, Loop antenna on Z-Axis

Test Setup, RE 30-1000 MHz

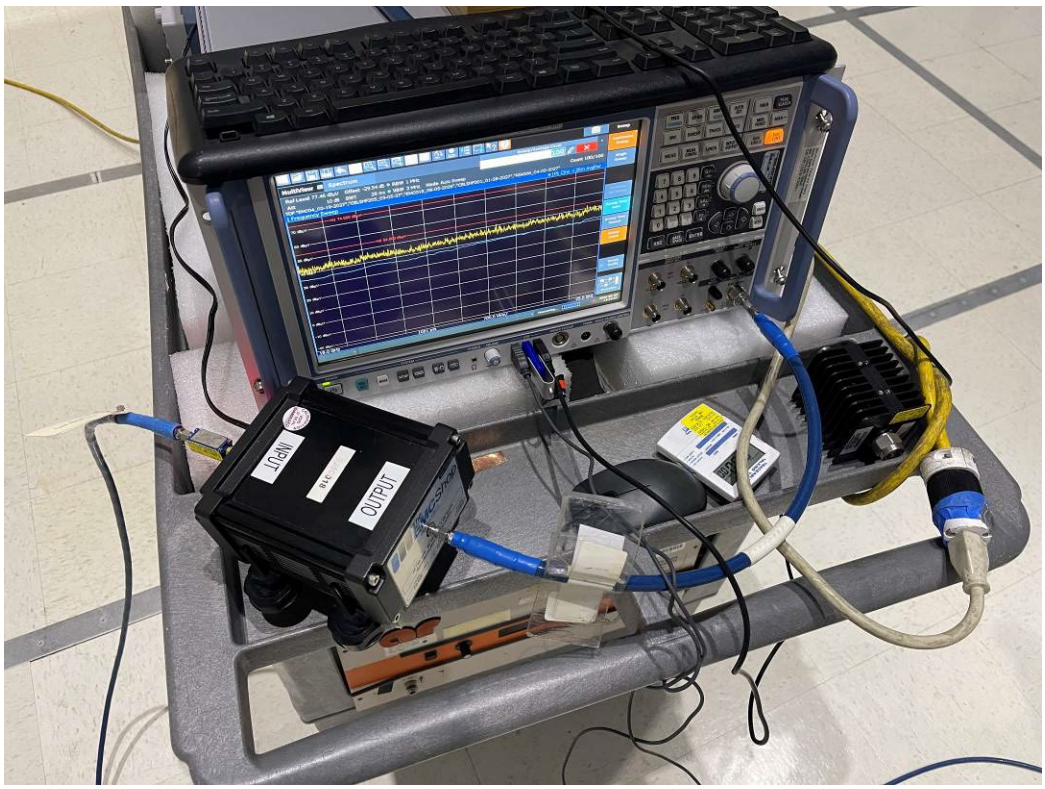




Test Setup, RE 1-18 GHz



Test Setup, RE 18-25 GHz

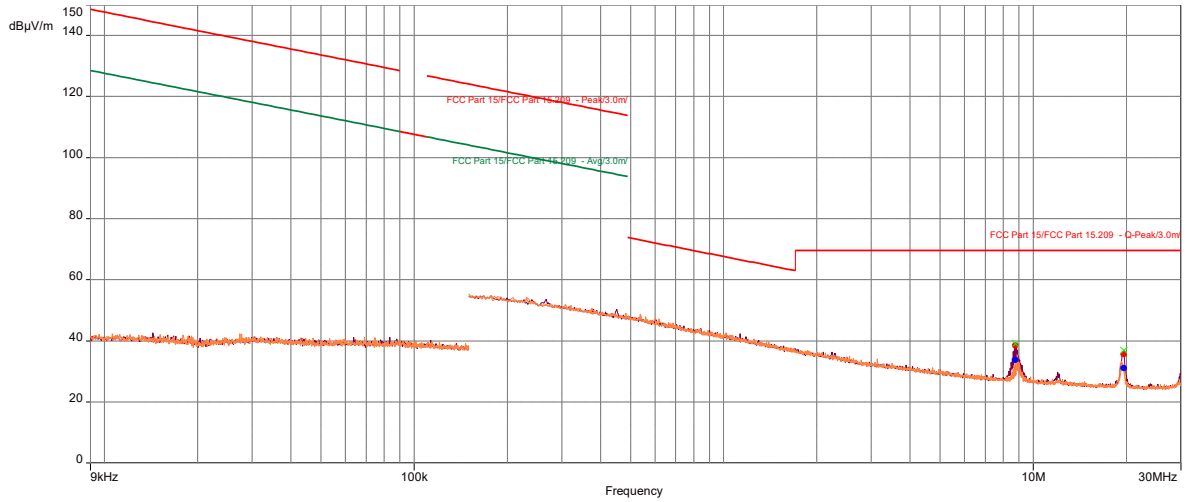
## 10.6 Plots/Data:

LNK100 SAB – BLE, Transmits at Low Channel (Worst-case Channel), RE 9 kHz-30 MHz

**Test Information:**

| | |
|---|---|
| Date and Time | 6/5/2026 5:23:49 PM |
| Client and Project Number | Assa Abloy |
| Engineer | Kouma Sinn |
| Temperature | 26 deg C |
| Humidity | 39 % |
| Atmospheric Pressure | 1003 mbars |
| Comments | Scan 55_LNK100 SAB, BLE (Tx at Low Ch., Worst-case), RE 9kHz-30MHz Loop antenna, Electric Field, 3M Location |

**Graph:**




**Results:**

Peak (PASS) (2)

| Frequency (MHz) | Level (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Azimuth (°) | Pol. | RBW | Meas.Time (s) | Correction (dB) |
|---|---|---|---|---|---|---|---|---|
| 8.76378 | 38.50 | No limit | N/A | 151.20 | Horizontal | 9k | 5.00 | 11.94 |
| 19.61069 | 35.62 | No limit | N/A | 107.80 | Horizontal | 9k | 5.00 | 11.06 |

QuasiPeak (PASS) (2)

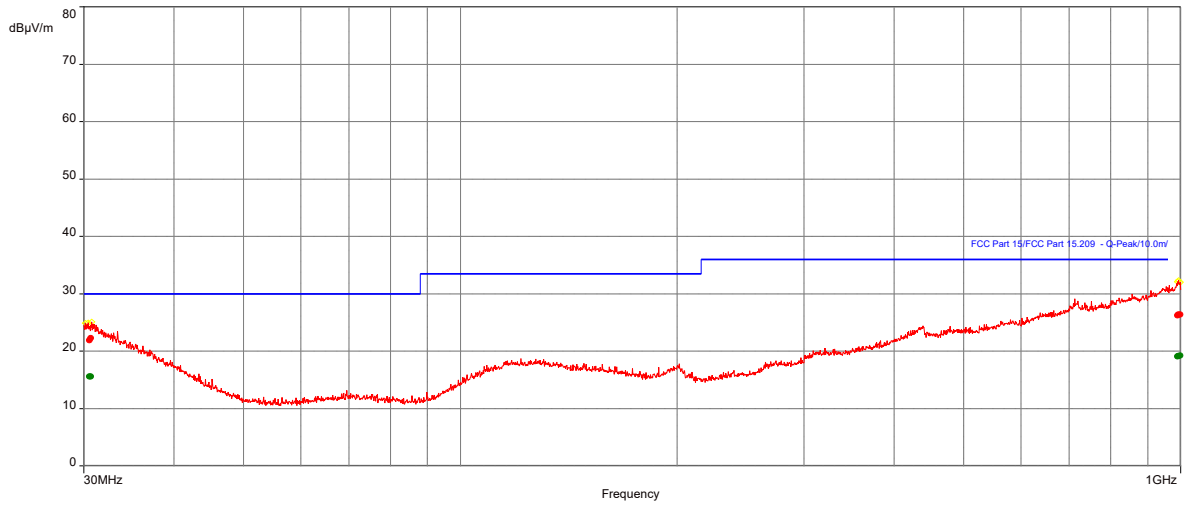
| Frequency (MHz) | Level (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Azimuth (°) | Pol. | RBW | Meas.Time (s) | Correction (dB) |
|---|---|---|---|---|---|---|---|---|
| 8.76378 | 33.80 | 69.54 | -35.74 | 151.20 | Horizontal | 9k | 5.00 | 11.94 |
| 19.61069 | 31.14 | 69.54 | -38.40 | 107.80 | Horizontal | 9k | 5.00 | 11.06 |

LNK100 SAB – BLE, Transmits at Low Channel, RE 30-1000 MHz

**Test Information:**

| | |
|---|---|
| Date and Time | 6/3/2026 7:10:12 PM |
| Client and Project Number | Assa Abloy |
| Engineer | Kouma Sinn |
| Temperature | 23 deg C |
| Humidity | 41 % |
| Atmospheric Pressure | 1013 mbars |
| Comments | Scan 42_LNK100 SAB, BLE (Tx Low CH 2402 MHz), RE 30 -1000MHz |

**Graph:**




**Results:**

Peak (PASS) (5)

| Frequency (MHz) | Level (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Azimuth (°) | Height (m) | Pol. | RBW | Meas.Time (s) | Correction (dB) |
|---|---|---|---|---|---|---|---|---|---|
| 30.5705 | 21.91 NF | No limit | N/A | 350.00 | 1.75 | Horizontal | 120k | 5.00 | -12.82 |
| 30.6983 | 22.28 NF | No limit | N/A | 280.30 | 4.00 | Horizontal | 120k | 5.00 | -12.89 |
| 989.9534 | 26.21 NF | No limit | N/A | 124.10 | 4.00 | Vertical | 120k | 5.00 | -4.34 |
| 992.9927 | 26.38 NF | No limit | N/A | 50.00 | 2.18 | Vertical | 120k | 5.00 | -4.31 |
| 998.2763 | 26.37 NF | No limit | N/A | 338.90 | 4.00 | Horizontal | 120k | 5.00 | -4.17 |

QuasiPeak (PASS) (5)

| Frequency (MHz) | Level (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Azimuth (°) | Height (m) | Pol. | RBW | Meas.Time (s) | Correction (dB) |
|---|---|---|---|---|---|---|---|---|---|
| 30.5705 | 15.62 NF | 30.00 | -14.38 | 350.00 | 1.75 | Horizontal | 120k | 5.00 | -12.82 |
| 30.6983 | 15.58 NF | 30.00 | -14.42 | 280.30 | 4.00 | Horizontal | 120k | 5.00 | -12.89 |
| 989.9534 | 19.12 NF | 43.48 | -24.36 | 124.10 | 4.00 | Vertical | 120k | 5.00 | -4.34 |
| 992.9927 | 19.18 NF | 43.48 | -24.3 | 50.00 | 2.18 | Vertical | 120k | 5.00 | -4.31 |
| 998.2763 | 19.26 NF | 43.48 | -24.22 | 338.90 | 4.00 | Horizontal | 120k | 5.00 | -4.17 |

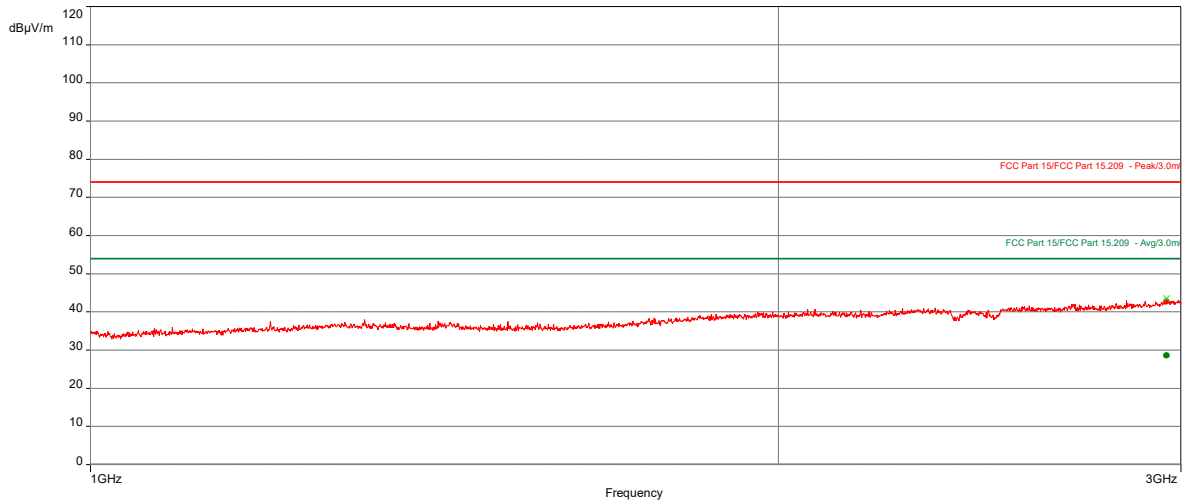
NF = Noise Floor signals

LNK100 SAB – BLE, Transmits at Low Channel, RE 1-3 GHz

**Test Information:**

| | |
|---|---|
| Date and Time | 6/3/2026 1:09:36 PM |
| Client and Project Number | Assa Abloy |
| Engineer | Kouma Sinn |
| Temperature | 23 deg C |
| Humidity | 41 % |
| Atmospheric Pressure | 1013 mbars |
| Comments | Scan 36_LNK100 SAB, BLE (Tx Low 2402 MHz), RE 1-3 GHz |

**Graph:**




**Results:**

Peak (PASS) (1)

| Frequency (MHz) | Level (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Azimuth (°) | Height (m) | Pol. | RBW | Meas.Time (s) | Correction (dB) |
|---|---|---|---|---|---|---|---|---|---|
| 2957.288 | 42.76 NF | 74.00 | -31.24 | 269.60 | 2.51 | Horizontal | 1M | 5.00 | -2.80 |

AVG (PASS) (1)

| Frequency (MHz) | Level (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Azimuth (°) | Height (m) | Pol. | RBW | Meas.Time (s) | Correction (dB) |
|---|---|---|---|---|---|---|---|---|---|
| 2957.288 | 28.67 NF | 54.00 | -25.33 | 269.60 | 2.51 | Horizontal | 1M | 5.00 | -2.80 |

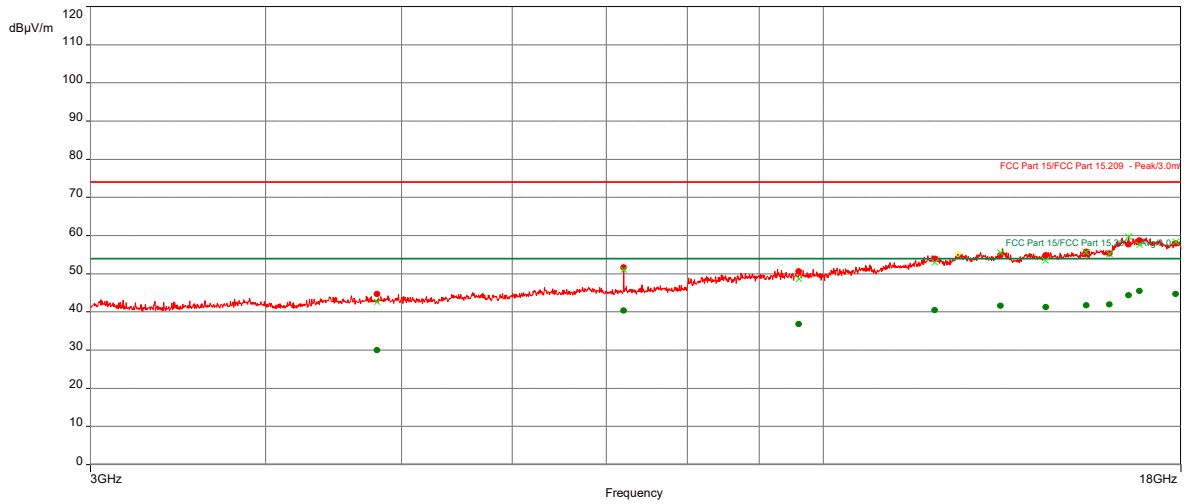
NF = Noise Floor signals

LNK100 SAB – BLE, Transmits at Low Channel, RE 3-18 GHz

**Test Information:**

| | |
|---|---|
| Date and Time | 6/3/2026 11:58:04 AM |
| Client and Project Number | Assa Abloy |
| Engineer | Kouma Sinn |
| Temperature | 23 deg C |
| Humidity | 41 % |
| Atmospheric Pressure | 1013 mbars |
| Comments | Scan 35_LNK100 SAB, BLE (Tx Low 2402 MHz), RE 3-18 GHz |

**Graph:**




**Results:**

Peak (PASS) (11)

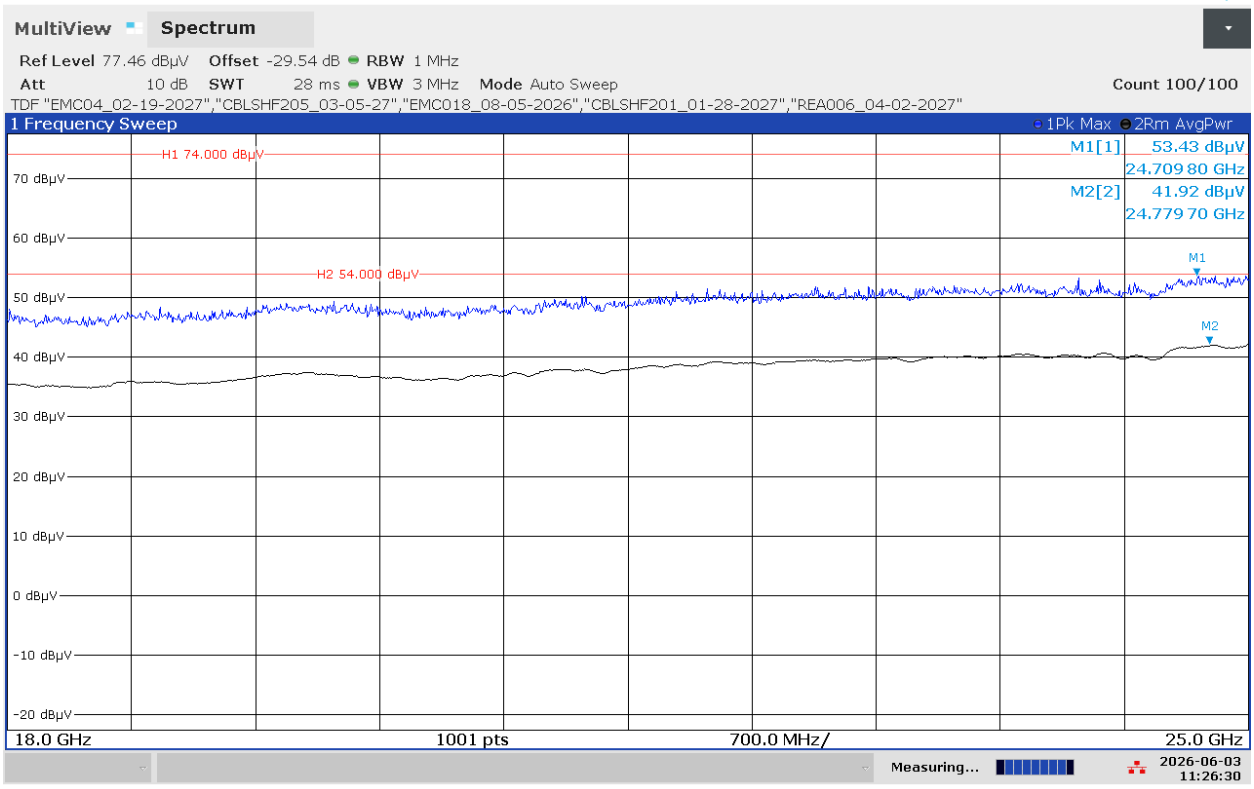
| Frequency (MHz) | Level (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Azimuth (°) | Height (m) | Pol. | RBW | Meas.Time (s) | Correction (dB) |
|---|---|---|---|---|---|---|---|---|---|
| 4805.733 | 44.67 NF | 74.00 | -29.33 | 265.20 | 4.00 | Vertical | 1M | 5.00 | -0.38 |
| 7206.337 | 51.67 | 74.00 | -22.33 | 360.00 | 1.00 | Horizontal | 1M | 5.00 | 4.57 |
| 9609.26 | 50.69 NF | 74.00 | -23.31 | 266.00 | 4.00 | Vertical | 1M | 5.00 | 7.44 |
| 12012.232 | 53.93 NF | 74.00 | -20.07 | 265.80 | 4.00 | Vertical | 1M | 5.00 | 11.23 |
| 13378.653 | 54.85 NF | 74.00 | -19.15 | 360.00 | 1.00 | Horizontal | 1M | 5.00 | 14.16 |
| 14415.005 | 54.90 NF | 74.00 | -19.10 | 0.00 | 1.00 | Horizontal | 1M | 5.00 | 14.44 |
| 15406.375 | 55.81 NF | 74.00 | -18.19 | 360.00 | 4.00 | Vertical | 1M | 5.00 | 14.64 |
| 16009.344 | 55.33 NF | 74.00 | -18.67 | 360.00 | 4.00 | Vertical | 1M | 5.00 | 15.47 |
| 16518.167 | 57.68 NF | 74.00 | -16.32 | 266.00 | 1.00 | Vertical | 1M | 5.00 | 17.43 |
| 16817.566 | 58.71 NF | 74.00 | -15.29 | 0.00 | 4.00 | Horizontal | 1M | 5.00 | 18.37 |
| 17843.881 | 57.99 NF | 74.00 | -16.01 | 265.70 | 1.00 | Vertical | 1M | 5.00 | 17.05 |

AVG (PASS) (11)

| Frequency (MHz) | Level (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Azimuth (°) | Height (m) | Pol. | RBW | Meas.Time (s) | Correction (dB) |
|---|---|---|---|---|---|---|---|---|---|
| 4805.733 | 30.02 NF | 54.00 | -23.98 | 265.20 | 4.00 | Vertical | 1M | 5.00 | -0.38 |
| 7206.337 | 40.44 | 54.00 | -13.56 | 360.00 | 1.00 | Horizontal | 1M | 5.00 | 4.57 |
| 9609.26 | 36.82 NF | 54.00 | -17.18 | 266.00 | 4.00 | Vertical | 1M | 5.00 | 7.44 |
| 12012.232 | 40.46 NF | 54.00 | -13.54 | 265.80 | 4.00 | Vertical | 1M | 5.00 | 11.23 |
| 13378.653 | 41.69 NF | 54.00 | -12.31 | 360.00 | 1.00 | Horizontal | 1M | 5.00 | 14.16 |
| 14415.005 | 41.31 NF | 54.00 | -12.69 | 0.00 | 1.00 | Horizontal | 1M | 5.00 | 14.44 |
| 15406.375 | 41.73 NF | 54.00 | -12.27 | 360.00 | 4.00 | Vertical | 1M | 5.00 | 14.64 |
| 16009.344 | 41.96 NF | 54.00 | -12.04 | 360.00 | 4.00 | Vertical | 1M | 5.00 | 15.47 |
| 16518.167 | 44.33 NF | 54.00 | -9.67 | 266.00 | 1.00 | Vertical | 1M | 5.00 | 17.43 |
| 16817.566 | 45.49 NF | 54.00 | -8.51 | 0.00 | 4.00 | Horizontal | 1M | 5.00 | 18.37 |
| 17843.881 | 44.67 NF | 54.00 | -9.33 | 265.70 | 1.00 | Vertical | 1M | 5.00 | 17.05 |

NF = Noise Floor signals

LNK100 SAB – BLE, Transmits at Low Channel, RE 18-25 GHz




**11:26:31 AM 06/03/2026**

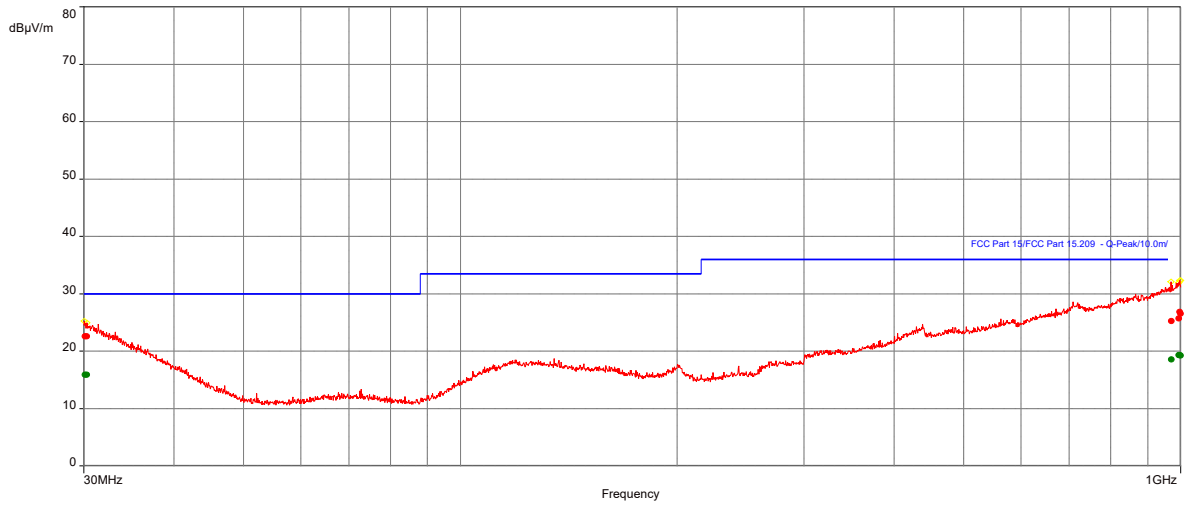
Notes: Testing was performed manually around the EUT at 10 cm distance. No emission was detected above the test instrument noise floor. The cable loss, antenna factor, filter loss, and pre-amp gain were compensated as transducer factor (TDF) and the distance factor was compensated as Reference Offset

LNK100 SAB – BLE, Transmits at Mid Channel, RE 30-1000 MHz

**Test Information:**

| | |
|---|---|
| Date and Time | 6/3/2026 7:58:16 PM |
| Client and Project Number | Assa Abloy |
| Engineer | Kouma Sinn |
| Temperature | 23 deg C |
| Humidity | 41 % |
| Atmospheric Pressure | 1013 mbars |
| Comments | Scan 43_LNK100 SAB, BLE (Tx Mid CH 2440 MHz), RE 30 -1000MHz |

**Graph:**




**Results:**

Peak (PASS) (6)

| Frequency (MHz) | Level (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Azimuth (°) | Height (m) | Pol. | RBW | Meas.Time (s) | Correction (dB) |
|---|---|---|---|---|---|---|---|---|---|
| 30.1264 | 22.57 NF | No limit | N/A | 322.60 | 1.33 | Horizontal | 120k | 5.00 | -12.56 |
| 30.3015 | 22.56 NF | No limit | N/A | 227.50 | 2.85 | Vertical | 120k | 5.00 | -12.66 |
| 970.598 | 25.26 NF | No limit | N/A | 273.80 | 3.94 | Horizontal | 120k | 5.00 | -4.98 |
| 994.9025 | 25.69 NF | No limit | N/A | 290.60 | 4.00 | Vertical | 120k | 5.00 | -4.21 |
| 997.2498 | 26.82 NF | No limit | N/A | 322.40 | 2.18 | Vertical | 120k | 5.00 | -4.18 |
| 999.7974 | 26.57 NF | No limit | N/A | 108.30 | 3.15 | Vertical | 120k | 5.00 | -4.16 |

QuasiPeak (PASS) (6)

| Frequency (MHz) | Level (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Azimuth (°) | Height (m) | Pol. | RBW | Meas.Time (s) | Correction (dB) |
|---|---|---|---|---|---|---|---|---|---|
| 30.1264 | 15.89 NF | 30.00 | -14.11 | 322.60 | 1.33 | Horizontal | 120k | 5.00 | -12.56 |
| 30.3015 | 15.87 NF | 30.00 | -14.13 | 227.50 | 2.85 | Vertical | 120k | 5.00 | -12.66 |
| 970.598 | 18.59 NF | 43.48 | -24.89 | 273.80 | 3.94 | Horizontal | 120k | 5.00 | -4.98 |
| 994.9025 | 19.33 NF | 43.48 | -24.15 | 290.60 | 4.00 | Vertical | 120k | 5.00 | -4.21 |
| 997.2498 | 19.30 NF | 43.48 | -24.18 | 322.40 | 2.18 | Vertical | 120k | 5.00 | -4.18 |
| 999.7974 | 19.24 NF | 43.48 | -24.24 | 108.30 | 3.15 | Vertical | 120k | 5.00 | -4.16 |

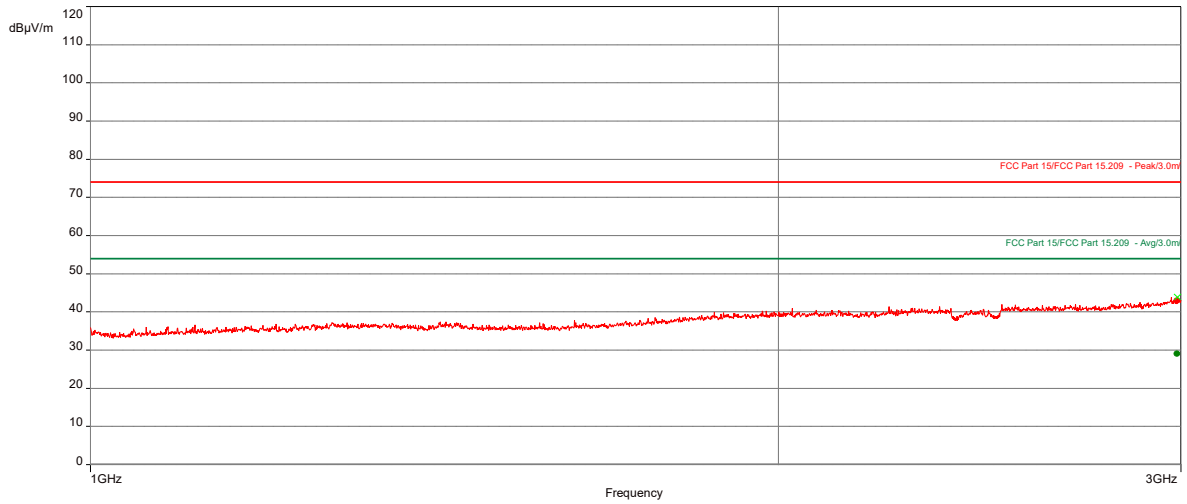
NF = Noise Floor signals

LNK100 SAB – BLE, Transmits at Mid Channel, RE 1-3 GHz

**Test Information:**

| | |
|---|---|
| Date and Time | 6/3/2026 1:26:16 PM |
| Client and Project Number | Assa Abloy |
| Engineer | Kouma Sinn |
| Temperature | 23 deg C |
| Humidity | 41 % |
| Atmospheric Pressure | 1013 mbars |
| Comments | Scan 37_LNK100 SAB, BLE (Tx Mid 2440 MHz), RE 1-3 GHz |

**Graph:**




**Results:**

Peak (PASS) (1)

| Frequency (MHz) | Level (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Azimuth (°) | Height (m) | Pol. | RBW | Meas.Time (s) | Correction (dB) |
|---|---|---|---|---|---|---|---|---|---|
| 2988.803 | 42.96 NF | 74.00 | -31.04 | 191.60 | 1.44 | Horizontal | 1M | 5.00 | -2.56 |

AVG (PASS) (1)

| Frequency (MHz) | Level (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Azimuth (°) | Height (m) | Pol. | RBW | Meas.Time (s) | Correction (dB) |
|---|---|---|---|---|---|---|---|---|---|
| 2988.803 | 29.04 NF | 54.00 | -24.96 | 191.60 | 1.44 | Horizontal | 1M | 5.00 | -2.56 |

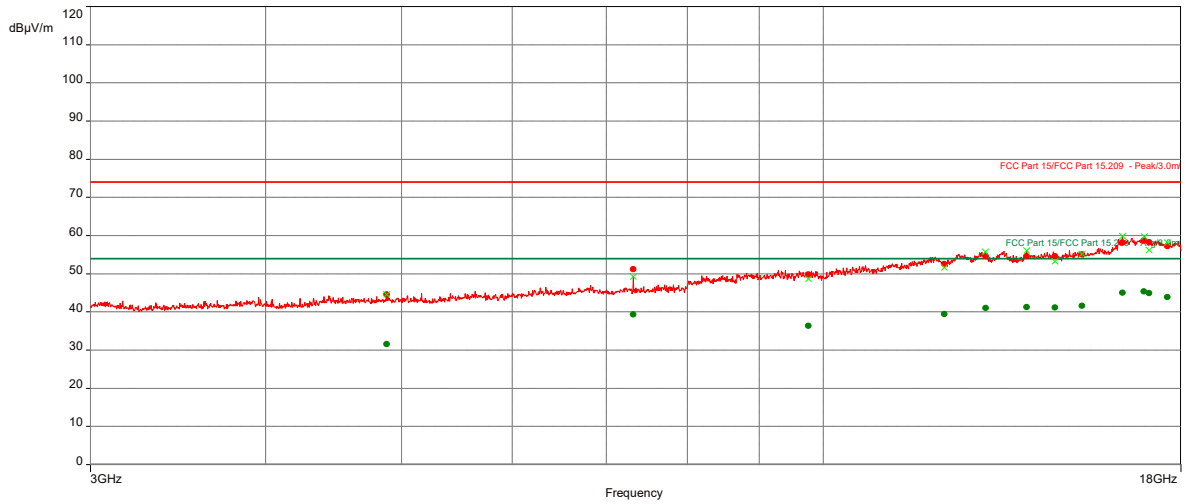
NF = Noise Floor signals

LNK100 SAB – BLE, Transmits at Mid Channel, RE 3-18 GHz

**Test Information:**

| | |
|---|---|
| Date and Time | 6/3/2026 10:43:36 AM |
| Client and Project Number | Assa Abloy |
| Engineer | Kouma Sinn |
| Temperature | 23 deg C |
| Humidity | 41 % |
| Atmospheric Pressure | 1013 mbars |
| Comments | Scan 34_LNK100 SAB, BLE (Tx Mid 2440 MHz), RE 3-18 GHz |

**Graph:**




**Results:**

Peak (PASS) (12)

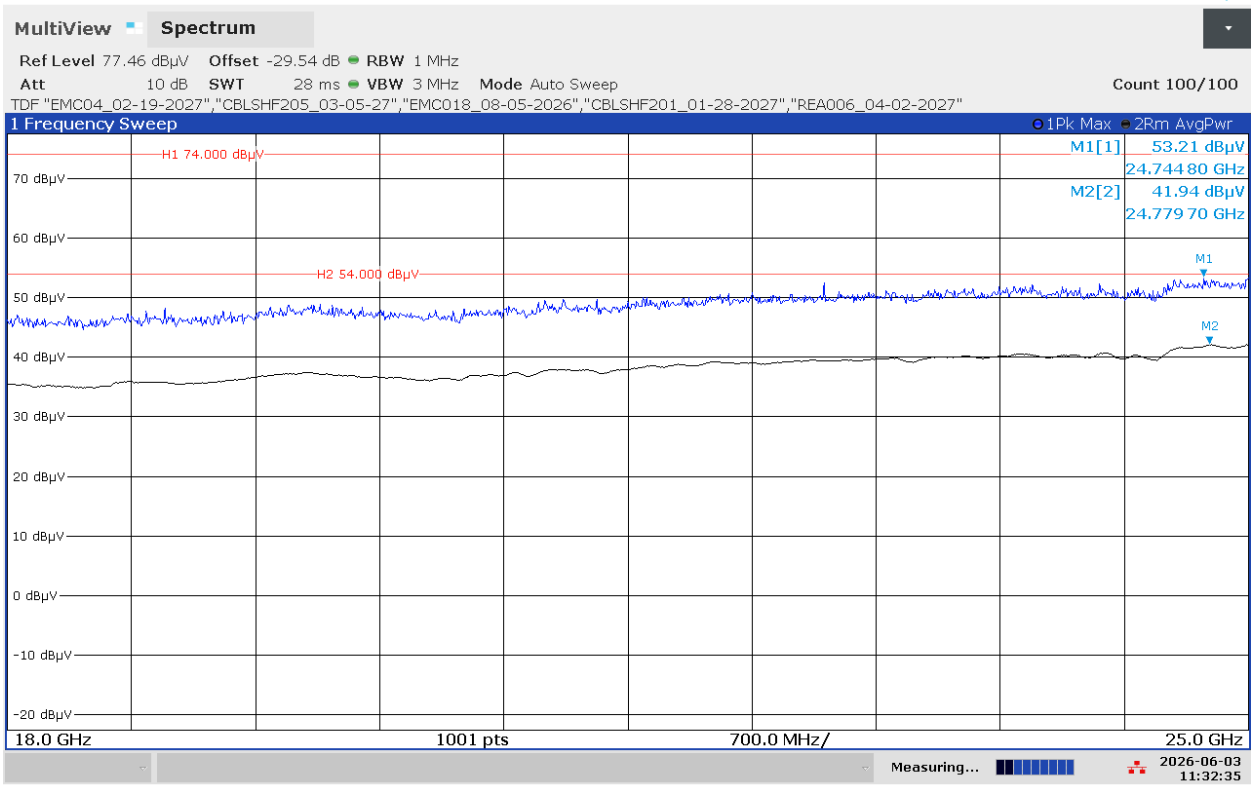
| Frequency (MHz) | Level (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Azimuth (°) | Height (m) | Pol. | RBW | Meas.Time (s) | Correction (dB) |
|---|---|---|---|---|---|---|---|---|---|
| 4880.025 | 44.65 NF | 74.00 | -29.35 | 0.00 | 4.00 | Horizontal | 1M | 5.00 | -0.12 |
| 7320.361 | 51.18 | 74.00 | -22.82 | 360.00 | 4.00 | Horizontal | 1M | 5.00 | 4.84 |
| 9757.357 | 49.84 NF | 74.00 | -24.16 | 360.00 | 4.00 | Horizontal | 1M | 5.00 | 7.38 |
| 12202.419 | 52.58 NF | 74.00 | -21.42 | 0.00 | 4.00 | Horizontal | 1M | 5.00 | 11.67 |
| 13058.884 | 54.63 NF | 74.00 | -19.37 | 360.00 | 1.00 | Horizontal | 1M | 5.00 | 13.99 |
| 13967.671 | 54.70 NF | 74.00 | -19.30 | 265.90 | 1.00 | Vertical | 1M | 5.00 | 13.67 |
| 14640.947 | 54.61 NF | 74.00 | -19.39 | 266.00 | 1.00 | Horizontal | 1M | 5.00 | 14.48 |
| 15301.215 | 55.15 NF | 74.00 | -18.85 | 266.10 | 1.00 | Horizontal | 1M | 5.00 | 14.60 |
| 16357.553 | 58.24 NF | 74.00 | -15.76 | 0.00 | 1.00 | Horizontal | 1M | 5.00 | 16.70 |
| 16943.863 | 58.79 NF | 74.00 | -15.21 | 0.00 | 1.00 | Vertical | 1M | 5.00 | 18.49 |
| 17080.611 | 58.32 NF | 74.00 | -15.68 | 266.00 | 1.00 | Vertical | 1M | 5.00 | 18.27 |
| 17607.623 | 57.27 NF | 74.00 | -16.73 | 360.00 | 4.00 | Vertical | 1M | 5.00 | 17.24 |

AVG (PASS) (12)

| Frequency (MHz) | Level (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Azimuth (°) | Height (m) | Pol. | RBW | Meas.Time (s) | Correction (dB) |
|---|---|---|---|---|---|---|---|---|---|
| 4880.025 | 31.63 NF | 54.00 | -22.37 | 0.00 | 4.00 | Horizontal | 1M | 5.00 | -0.12 |
| 7320.361 | 39.36 | 54.00 | -14.64 | 360.00 | 4.00 | Horizontal | 1M | 5.00 | 4.84 |
| 9757.357 | 36.41 NF | 54.00 | -17.59 | 360.00 | 4.00 | Horizontal | 1M | 5.00 | 7.38 |
| 12202.419 | 39.50 NF | 54.00 | -14.50 | 0.00 | 4.00 | Horizontal | 1M | 5.00 | 11.67 |
| 13058.884 | 41.07 NF | 54.00 | -12.93 | 360.00 | 1.00 | Horizontal | 1M | 5.00 | 13.99 |
| 13967.671 | 41.35 NF | 54.00 | -12.65 | 265.90 | 1.00 | Vertical | 1M | 5.00 | 13.67 |
| 14640.947 | 41.15 NF | 54.00 | -12.85 | 266.00 | 1.00 | Horizontal | 1M | 5.00 | 14.48 |
| 15301.215 | 41.60 NF | 54.00 | -12.40 | 266.10 | 1.00 | Horizontal | 1M | 5.00 | 14.60 |
| 16357.553 | 45.08 NF | 54.00 | -8.92 | 0.00 | 1.00 | Horizontal | 1M | 5.00 | 16.70 |
| 16943.863 | 45.39 NF | 54.00 | -8.61 | 0.00 | 1.00 | Vertical | 1M | 5.00 | 18.49 |
| 17080.611 | 44.96 NF | 54.00 | -9.04 | 266.00 | 1.00 | Vertical | 1M | 5.00 | 18.27 |
| 17607.623 | 43.94 NF | 54.00 | -10.06 | 360.00 | 4.00 | Vertical | 1M | 5.00 | 17.24 |

NF = Noise Floor signals

LNK100 SAB – BLE, Transmits at Mid Channel, RE 18-25 GHz




**11:32:35 AM 06/03/2026**

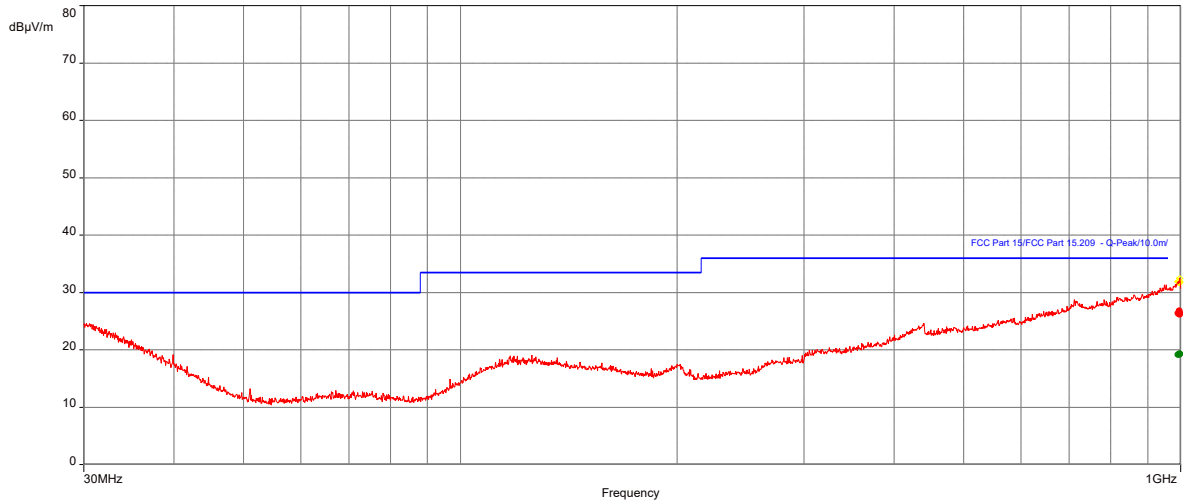
Notes: Testing was performed manually around the EUT at 10cm distance. No emission was detected above the test instrument noise floor. The cable loss, antenna factor, filter loss, and pre-amp gain were compensated as transducer factor (TDF) and the distance factor was compensated as Reference Offset

LNK100 SAB – BLE, Transmits at High Channel, RE 30-1000 MHz

**Test Information:**

| | |
|---|---|
| Date and Time | 6/3/2026 8:32:41 PM |
| Client and Project Number | Assa Abloy |
| Engineer | Kouma Sinn |
| Temperature | 23 deg C |
| Humidity | 41 % |
| Atmospheric Pressure | 1013 mbars |
| Comments | Scan 44_LNK100 SAB, BLE (Tx High CH 2480 MHz), RE 30 -1000MHz |

**Graph:**




**Results:**

Peak (PASS) (6)

| Frequency (MHz) | Level (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Azimuth (°) | Height (m) | Pol. | RBW | Meas.Time (s) | Correction (dB) |
|---|---|---|---|---|---|---|---|---|---|
| 991.3371 | 26.39 NF | No limit | N/A | 114.50 | 4.00 | Horizontal | 120k | 5.00 | -4.36 |
| 994.2819 | 26.25 NF | No limit | N/A | 296.30 | 4.00 | Vertical | 120k | 5.00 | -4.27 |
| 995.5533 | 26.82 NF | No limit | N/A | 22.60 | 2.97 | Vertical | 120k | 5.00 | -4.19 |
| 996.6683 | 26.33 NF | No limit | N/A | 65.50 | 4.00 | Vertical | 120k | 5.00 | -4.19 |
| 997.5649 | 26.19 NF | No limit | N/A | 140.50 | 4.00 | Horizontal | 120k | 5.00 | -4.18 |
| 997.8252 | 26.57 NF | No limit | N/A | 1.30 | 3.09 | Horizontal | 120k | 5.00 | -4.18 |

QuasiPeak (PASS) (6)

| Frequency (MHz) | Level (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Azimuth (°) | Height (m) | Pol. | RBW | Meas.Time (s) | Correction (dB) |
|---|---|---|---|---|---|---|---|---|---|
| 991.3371 | 19.15 NF | 43.48 | -24.33 | 114.50 | 4.00 | Horizontal | 120k | 5.00 | -4.36 |
| 994.2819 | 19.19 NF | 43.48 | -24.29 | 296.30 | 4.00 | Vertical | 120k | 5.00 | -4.27 |
| 995.5533 | 19.34 NF | 43.48 | -24.14 | 22.60 | 2.97 | Vertical | 120k | 5.00 | -4.19 |
| 996.6683 | 19.24 NF | 43.48 | -24.24 | 65.50 | 4.00 | Vertical | 120k | 5.00 | -4.19 |
| 997.5649 | 19.31 NF | 43.48 | -24.17 | 140.50 | 4.00 | Horizontal | 120k | 5.00 | -4.18 |
| 997.8252 | 19.29 NF | 43.48 | -24.19 | 1.30 | 3.09 | Horizontal | 120k | 5.00 | -4.18 |

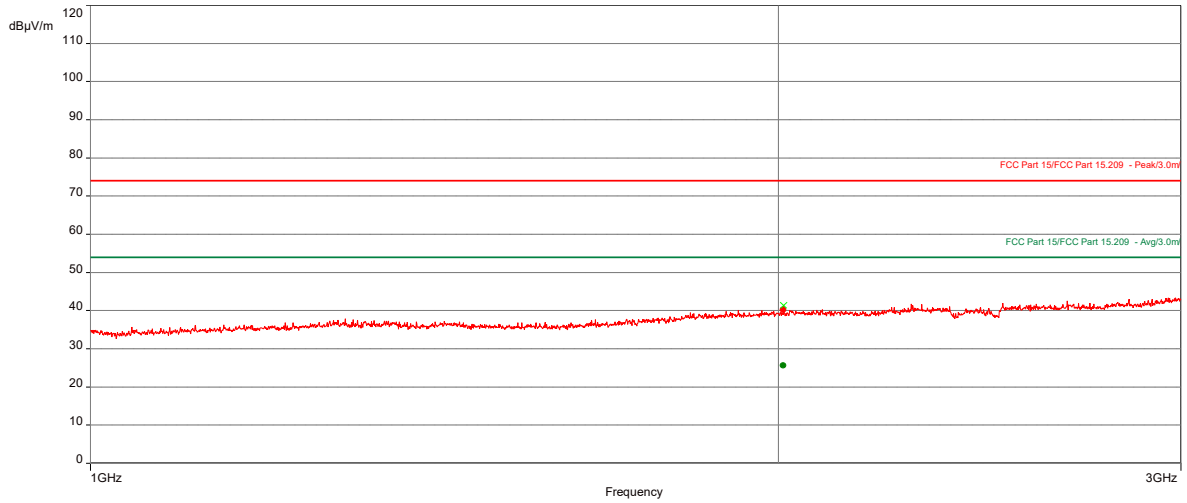
NF = Noise Floor signals

LNK100 SAB – BLE, Transmits at High Channel, RE 1-3 GHz

**Test Information:**

| | |
|---|---|
| Date and Time | 6/3/2026 1:40:02 PM |
| Client and Project Number | Assa Abloy |
| Engineer | Kouma Sinn |
| Temperature | 23 deg C |
| Humidity | 41 % |
| Atmospheric Pressure | 1013 mbars |
| Comments | Scan 38_LNK100 SAB, BLE (Tx High 2480 MHz), RE 1-3 GHz |

**Graph:**




**Results:**

Peak (PASS) (1)

| Frequency (MHz) | Level (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Azimuth (°) | Height (m) | Pol. | RBW | Meas.Time (s) | Correction (dB) |
|---|---|---|---|---|---|---|---|---|---|
| 2009.602 | 40.22 NF | 74.00 | -33.78 | 348.20 | 1.00 | Horizontal | 1M | 5.00 | -5.22 |

AVG (PASS) (1)

| Frequency (MHz) | Level (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Azimuth (°) | Height (m) | Pol. | RBW | Meas.Time (s) | Correction (dB) |
|---|---|---|---|---|---|---|---|---|---|
| 2009.602 | 25.69 NF | 54.00 | -28.31 | 348.20 | 1.00 | Horizontal | 1M | 5.00 | -5.22 |

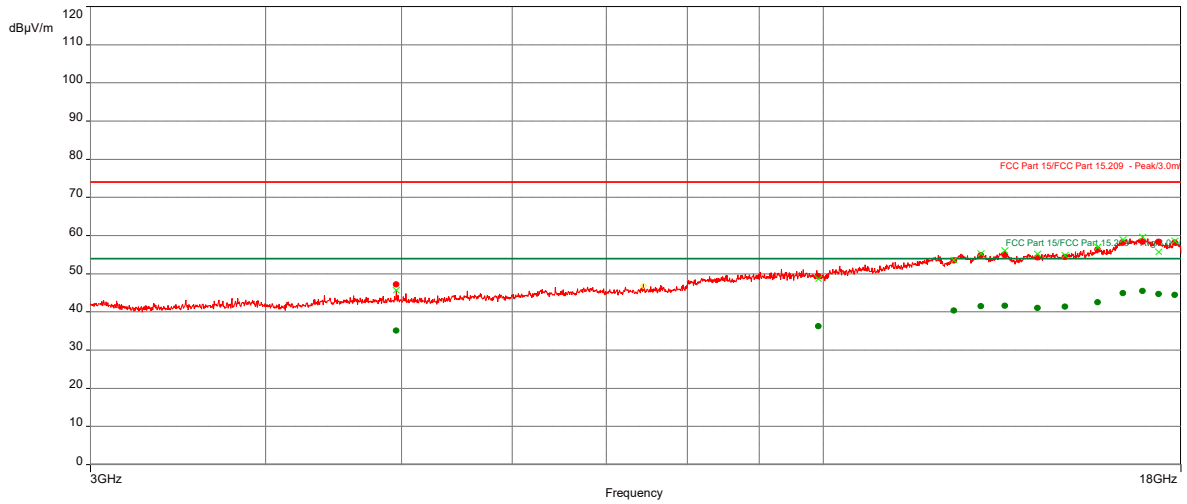
NF = Noise Floor signals

LNK100 SAB – BLE, Transmits at High Channel, RE 3-18 GHz

**Test Information:**

| | |
|---|---|
| Date and Time | 6/3/2026 9:24:28 AM |
| Client and Project Number | Assa Abloy |
| Engineer | Kouma Sinn |
| Temperature | 23 deg C |
| Humidity | 41 % |
| Atmospheric Pressure | 1013 mbars |
| Comments | Scan 33_LNK100 SAB, BLE (Tx High 2480 MHz), RE 3-18 GHz |

**Graph:**




**Results:**

Peak (PASS) (12)

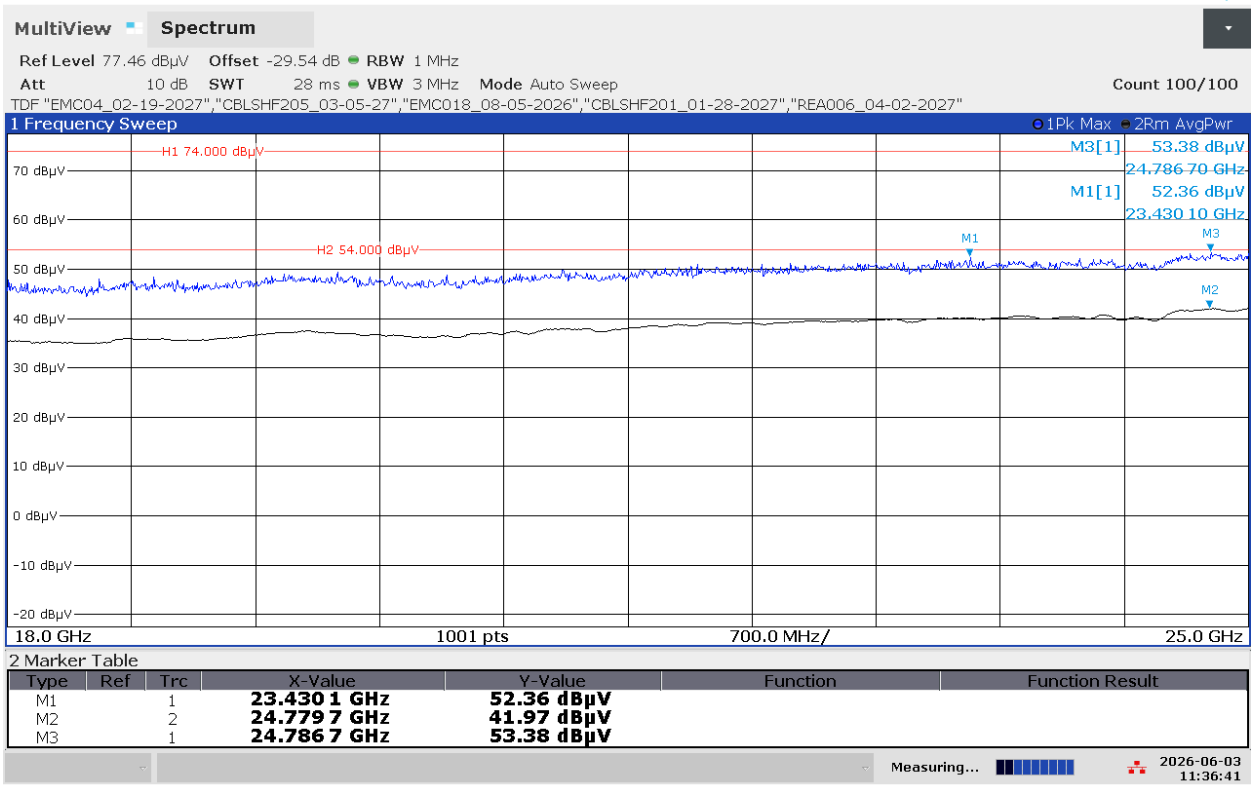
| Frequency (MHz) | Level (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Azimuth (°) | Height (m) | Pol. | RBW | Meas.Time (s) | Correction (dB) |
|---|---|---|---|---|---|---|---|---|---|
| 4960.288 | 47.20 | 74.00 | -26.80 | 360.00 | 4.00 | Horizontal | 1M | 5.00 | -0.02 |
| 9920.412 | 49.45 NF | 74.00 | -24.55 | 360.00 | 1.00 | Horizontal | 1M | 5.00 | 7.39 |
| 12398.729 | 53.55 NF | 74.00 | -20.45 | 0.00 | 4.00 | Vertical | 1M | 5.00 | 12.19 |
| 12959.789 | 54.83 NF | 74.00 | -19.17 | 0.00 | 4.00 | Horizontal | 1M | 5.00 | 13.92 |
| 13477.126 | 54.82 NF | 74.00 | -19.18 | 266.00 | 4.00 | Vertical | 1M | 5.00 | 13.90 |
| 14219.991 | 54.29 NF | 74.00 | -19.71 | 360.00 | 1.00 | Vertical | 1M | 5.00 | 14.16 |
| 14879.202 | 54.40 NF | 74.00 | -19.60 | 0.00 | 4.00 | Vertical | 1M | 5.00 | 14.65 |
| 15700.014 | 56.35 NF | 74.00 | -17.65 | 266.00 | 4.00 | Horizontal | 1M | 5.00 | 14.89 |
| 16371.317 | 58.22 NF | 74.00 | -15.78 | 0.00 | 1.00 | Vertical | 1M | 5.00 | 16.76 |
| 16900.485 | 58.38 NF | 74.00 | -15.62 | 360.00 | 1.00 | Horizontal | 1M | 5.00 | 18.49 |
| 17359.862 | 58.45 NF | 74.00 | -15.55 | 360.00 | 1.00 | Horizontal | 1M | 5.00 | 17.49 |
| 17821.114 | 58.17 NF | 74.00 | -15.83 | 0.00 | 1.00 | Horizontal | 1M | 5.00 | 17.04 |

AVG (PASS) (12)

| Frequency (MHz) | Level (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Azimuth (°) | Height (m) | Pol. | RBW | Meas.Time (s) | Correction (dB) |
|---|---|---|---|---|---|---|---|---|---|
| 4960.288 | 35.17 NF | 54.00 | -18.83 | 360.00 | 4.00 | Horizontal | 1M | 5.00 | -0.02 |
| 9920.412 | 36.24 NF | 54.00 | -17.76 | 360.00 | 1.00 | Horizontal | 1M | 5.00 | 7.39 |
| 12398.729 | 40.41 NF | 54.00 | -13.59 | 0.00 | 4.00 | Vertical | 1M | 5.00 | 12.19 |
| 12959.789 | 41.56 NF | 54.00 | -12.44 | 0.00 | 4.00 | Horizontal | 1M | 5.00 | 13.92 |
| 13477.126 | 41.68 NF | 54.00 | -12.32 | 266.00 | 4.00 | Vertical | 1M | 5.00 | 13.90 |
| 14219.991 | 41.06 NF | 54.00 | -12.94 | 360.00 | 1.00 | Vertical | 1M | 5.00 | 14.16 |
| 14879.202 | 41.42 NF | 54.00 | -12.58 | 0.00 | 4.00 | Vertical | 1M | 5.00 | 14.65 |
| 15700.014 | 42.51 NF | 54.00 | -11.49 | 266.00 | 4.00 | Horizontal | 1M | 5.00 | 14.89 |
| 16371.317 | 45.00 NF | 54.00 | -9.00 | 0.00 | 1.00 | Vertical | 1M | 5.00 | 16.76 |
| 16900.485 | 45.50 NF | 54.00 | -8.50 | 360.00 | 1.00 | Horizontal | 1M | 5.00 | 18.49 |
| 17359.862 | 44.77 NF | 54.00 | -9.23 | 360.00 | 1.00 | Horizontal | 1M | 5.00 | 17.49 |
| 17821.114 | 44.54 NF | 54.00 | -9.46 | 0.00 | 1.00 | Horizontal | 1M | 5.00 | 17.04 |

NF = Noise Floor signals

LNK100 SAB – BLE, Transmits at High Channel, RE 18-25 GHz




**11:36:42 AM 06/03/2026**

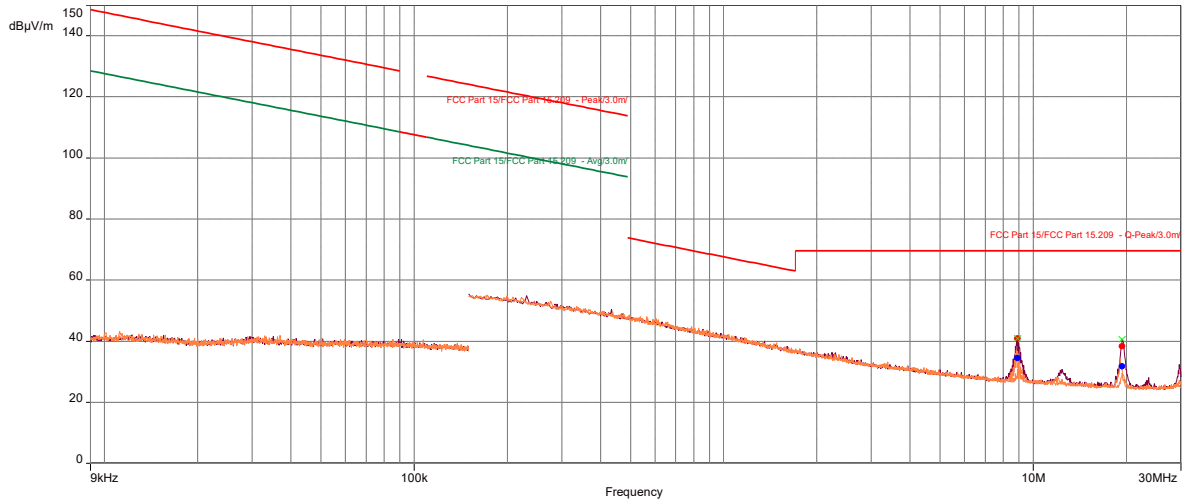
Notes: Testing was performed manually around the EUT at 10cm distance. No emission was detected above the test instrument noise floor. The cable loss, antenna factor, filter loss, and pre-amp gain were compensated as transducer factor (TDF) and the distance factor was compensated as Reference Offset

LNK100 SAB – Zigbee, Transmit Low Channel (Worst-case), RE 9 kHz-30 MHz

**Test Information:**

| | |
|---|---|
| Date and Time | 6/5/2026 4:54:07 PM |
| Client and Project Number | Assa Abloy |
| Engineer | Kouma Sinn |
| Temperature | 26 deg C |
| Humidity | 39 % |
| Atmospheric Pressure | 1003 mbars |
| Comments | Scan 54_LNK100 SAB, Zigbee (Tx at Low Ch., Worst-case), RE 9kHz-30MHz Loop antenna, Electric Field, 3M Location |

**Graph:**




**Results:**

Peak (PASS) (2)

| Frequency (MHz) | Level (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Azimuth (°) | Pol. | RBW | Meas.Time (s) | Correction (dB) |
|---|---|---|---|---|---|---|---|---|
| 8.90632 | 41.00 NF | No limit | N/A | 295.30 | Horizontal | 9k | 5.00 | 11.92 |
| 19.39579 | 38.31 NF | No limit | N/A | 92.30 | Horizontal | 9k | 5.00 | 11.08 |

QuasiPeak (PASS) (2)

| Frequency (MHz) | Level (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Azimuth (°) | Pol. | RBW | Meas.Time (s) | Correction (dB) |
|---|---|---|---|---|---|---|---|---|
| 8.90632 | 34.57 NF | 69.54 | -34.97 | 295.30 | Horizontal | 9k | 5.00 | 11.92 |
| 19.39579 | 31.83 NF | 69.54 | -37.71 | 92.30 | Horizontal | 9k | 5.00 | 11.08 |

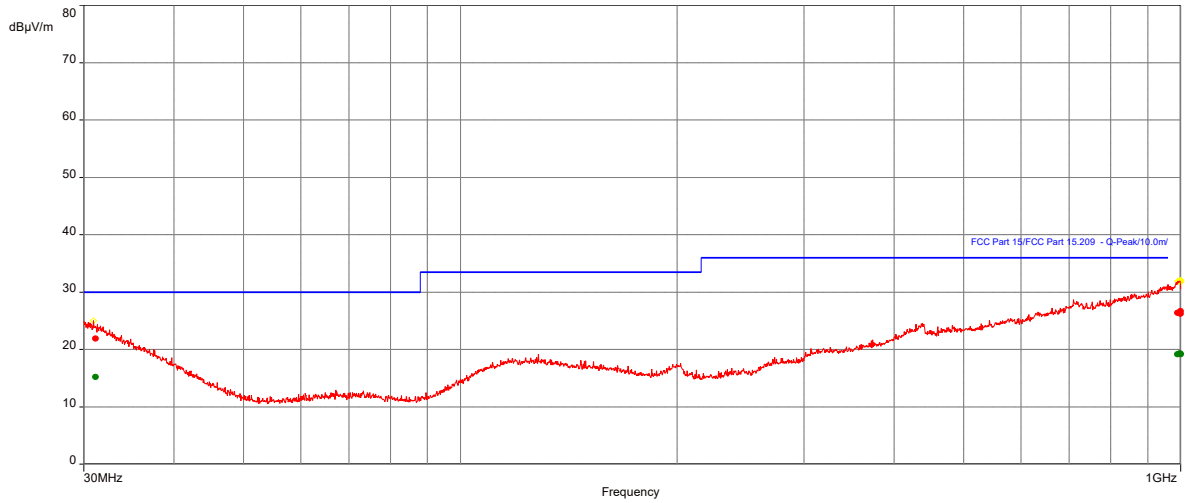
NF = Noise Floor signals

LNK100 SAB – Zigbee, Transmit Low Channel, RE 30-1000 MHz

**Test Information:**

| | |
|---|---|
| Date and Time | 6/3/2026 10:42:24 PM |
| Client and Project Number | Assa Abloy |
| Engineer | Kouma Sinn |
| Temperature | 23 deg C |
| Humidity | 41 % |
| Atmospheric Pressure | 1013 mbars |
| Comments | Scan 48_LNK100 SAB, Zigbee (Tx Low CH 2405MHz), RE 30 -1000MHz |

**Graph:**




**Results:**

Peak (PASS) (5)

| Frequency (MHz) | Level (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Azimuth (°) | Height (m) | Pol. | RBW | Meas.Time (s) | Correction (dB) |
|---|---|---|---|---|---|---|---|---|---|
| 31.1545 | 21.89 NF | No limit | N/A | 247.80 | 4.00 | Vertical | 120k | 5.00 | -13.21 |
| 990.9364 | 26.40 NF | No limit | N/A | 92.20 | 4.00 | Vertical | 120k | 5.00 | -4.33 |
| 996.6227 | 26.32 NF | No limit | N/A | 98.20 | 4.00 | Horizontal | 120k | 5.00 | -4.19 |
| 999.6102 | 26.21 NF | No limit | N/A | 345.10 | 4.00 | Horizontal | 120k | 5.00 | -4.16 |
| 999.9379 | 26.72 NF | No limit | N/A | 329.00 | 4.00 | Vertical | 120k | 5.00 | -4.16 |

QuasiPeak (PASS) (5)

| Frequency (MHz) | Level (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Azimuth (°) | Height (m) | Pol. | RBW | Meas.Time (s) | Correction (dB) |
|---|---|---|---|---|---|---|---|---|---|
| 31.1545 | 15.20 NF | 30.00 | -14.80 | 247.80 | 4.00 | Vertical | 120k | 5.00 | -13.21 |
| 990.9364 | 19.18 NF | 43.48 | -24.30 | 92.20 | 4.00 | Vertical | 120k | 5.00 | -4.33 |
| 996.6227 | 19.32 NF | 43.48 | -24.16 | 98.20 | 4.00 | Horizontal | 120k | 5.00 | -4.19 |
| 999.6102 | 19.21 NF | 43.48 | -24.27 | 345.10 | 4.00 | Horizontal | 120k | 5.00 | -4.16 |
| 999.9379 | 19.21 NF | 43.48 | -24.27 | 329.00 | 4.00 | Vertical | 120k | 5.00 | -4.16 |

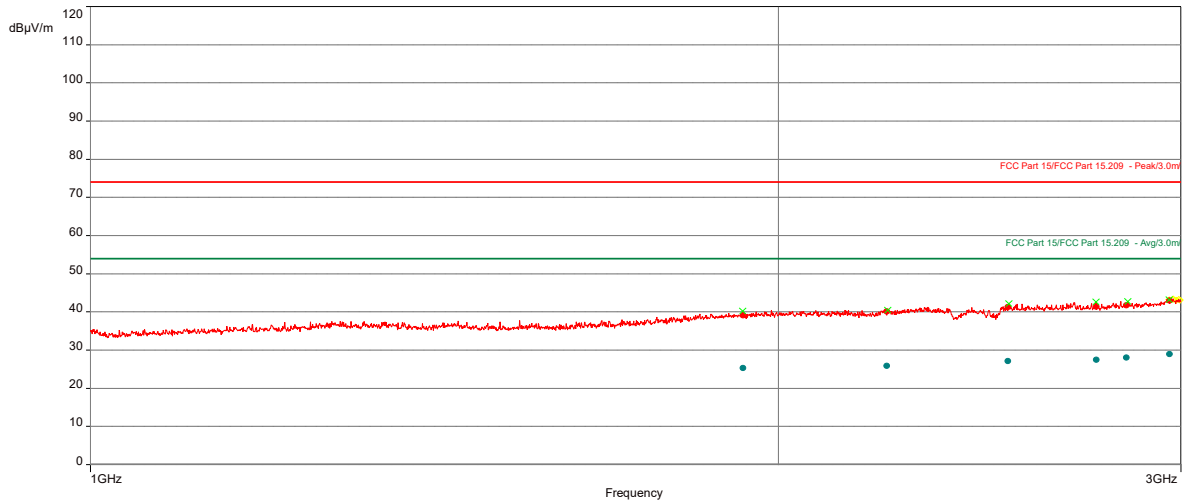
NF = Noise Floor signals

LNK100 SAB – Zigbee, Transmits at Low Channel, RE 1-3 GHz

**Test Information:**

| | |
|---|---|
| Date and Time | 6/2/2026 9:54:17 PM |
| Client and Project Number | Assa Abloy |
| Engineer | Vathana Ven |
| Temperature | 22 deg C |
| Humidity | 43 % |
| Atmospheric Pressure | 1011 mbars |
| Comments | Scan 31_LNK100 SAB, Zigbee (Tx Low 2402 MHz), RE 1-3GHz |

**Graph:**




**Results:**

Peak (PASS) (6)

| Frequency (MHz) | Level (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Azimuth (°) | Height (m) | Pol. | RBW | Meas.Time | Correction (dB) |
|---|---|---|---|---|---|---|---|---|---|
| 1929.812 | 39.13 NF | 74.00 | -34.87 | 309.00 | 1.44 | Horizontal | 1M | 0.00 | -5.66 |
| 2230.892 | 40.19 NF | 74.00 | -33.81 | 269.70 | 3.58 | Horizontal | 1M | 0.00 | -5.21 |
| 2520.679 | 41.28 NF | 74.00 | -32.72 | 360.00 | 2.51 | Vertical | 1M | 0.00 | -4.10 |
| 2755.819 | 41.46 NF | 74.00 | -32.54 | 35.00 | 1.00 | Vertical | 1M | 0.00 | -3.95 |
| 2840.245 | 41.71 NF | 74.00 | -32.29 | 230.80 | 4.00 | Horizontal | 1M | 0.00 | -3.62 |
| 2966.321 | 43.03 NF | 74.00 | -30.97 | 348.10 | 3.58 | Horizontal | 1M | 0.00 | -2.74 |

AVG (PASS) (6)

| Frequency (MHz) | Level (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Azimuth (°) | Height (m) | Pol. | RBW | Meas.Time | Correction (dB) |
|---|---|---|---|---|---|---|---|---|---|
| 1929.812 | 25.36 NF | 54.00 | -28.64 | 309.00 | 1.44 | Horizontal | 1M | 0.00 | -5.66 |
| 2230.892 | 25.85 NF | 54.00 | -28.15 | 269.70 | 3.58 | Horizontal | 1M | 0.00 | -5.21 |
| 2520.679 | 27.19 NF | 54.00 | -26.81 | 360.00 | 2.51 | Vertical | 1M | 0.00 | -4.10 |
| 2755.819 | 27.48 NF | 54.00 | -26.52 | 35.00 | 1.00 | Vertical | 1M | 0.00 | -3.95 |
| 2840.245 | 28.05 NF | 54.00 | -25.95 | 230.80 | 4.00 | Horizontal | 1M | 0.00 | -3.62 |
| 2966.321 | 29.01 NF | 54.00 | -24.99 | 348.10 | 3.58 | Horizontal | 1M | 0.00 | -2.74 |

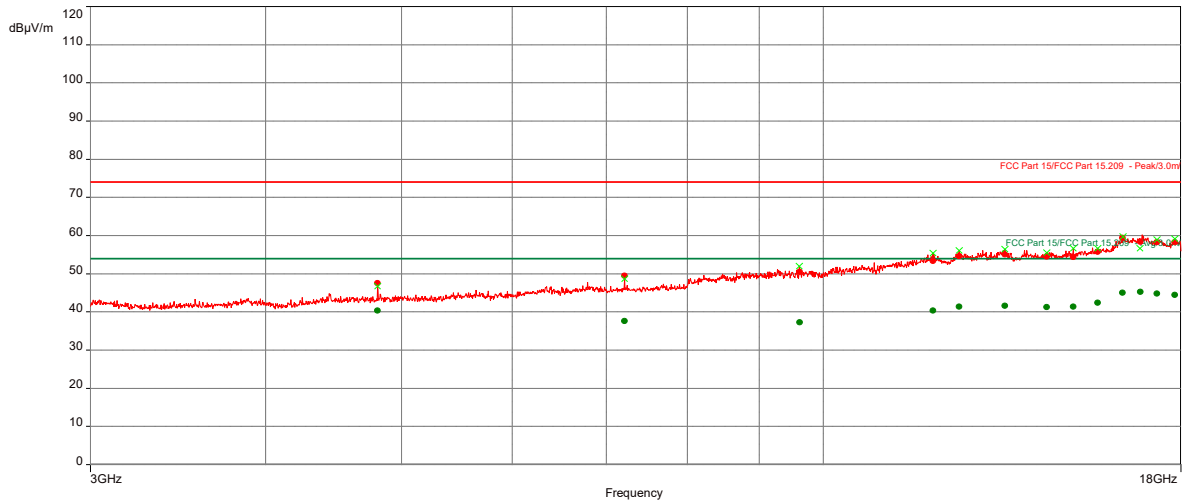
NF = Noise Floor signals

LNK100 SAB – Zigbee, Transmits at Low Channel, RE 3-18 GHz

**Test Information:**

| | |
|---|---|
| Date and Time | 6/3/2026 8:02:26 AM |
| Client and Project Number | Assa Abloy |
| Engineer | Kouma Sinn |
| Temperature | 23 deg C |
| Humidity | 41 % |
| Atmospheric Pressure | 1013 mbars |
| Comments | Scan 32_LNK100 SAB, Zigbee (Tx Low 2402 MHz), RE 3-18GHz |

**Graph:**




**Results:**

Peak (PASS) (13)

| Frequency (MHz) | Level (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Azimuth (°) | Height (m) | Pol. | RBW | Meas.Time (s) | Correction (dB) |
|---|---|---|---|---|---|---|---|---|---|
| 4810 | 47.61 | 74.00 | -26.39 | 360.00 | 1.00 | Vertical | 1M | 5.00 | -0.36 |
| 7216.625 | 49.50 | 74.00 | -24.50 | 360.00 | 1.00 | Horizontal | 1M | 5.00 | 4.60 |
| 9618.886 | 50.49 NF | 74.00 | -23.51 | 360.00 | 1.00 | Vertical | 1M | 5.00 | 7.46 |
| 11978.079 | 53.39 NF | 74.00 | -20.61 | 266.10 | 4.00 | Horizontal | 1M | 5.00 | 11.16 |
| 12507.737 | 54.67 NF | 74.00 | -19.33 | 360.00 | 4.00 | Horizontal | 1M | 5.00 | 12.55 |
| 13475.185 | 55.15 NF | 74.00 | -18.85 | 360.00 | 4.00 | Vertical | 1M | 5.00 | 13.91 |
| 14439.381 | 54.50 NF | 74.00 | -19.50 | 360.00 | 1.00 | Horizontal | 1M | 5.00 | 14.46 |
| 15083.803 | 54.44 NF | 74.00 | -19.56 | 0.00 | 1.00 | Vertical | 1M | 5.00 | 14.75 |
| 15702.733 | 55.80 NF | 74.00 | -18.20 | 0.00 | 4.00 | Vertical | 1M | 5.00 | 14.90 |
| 16357.846 | 59.39 NF | 74.00 | -14.61 | 360.00 | 1.00 | Vertical | 1M | 5.00 | 16.70 |
| 16838.192 | 58.42 NF | 74.00 | -15.58 | 0.00 | 4.00 | Vertical | 1M | 5.00 | 18.39 |
| 17309.024 | 58.30 NF | 74.00 | -15.70 | 265.90 | 4.00 | Vertical | 1M | 5.00 | 17.59 |
| 17824.48 | 58.30 NF | 74.00 | -15.70 | 360.00 | 4.00 | Horizontal | 1M | 5.00 | 17.04 |

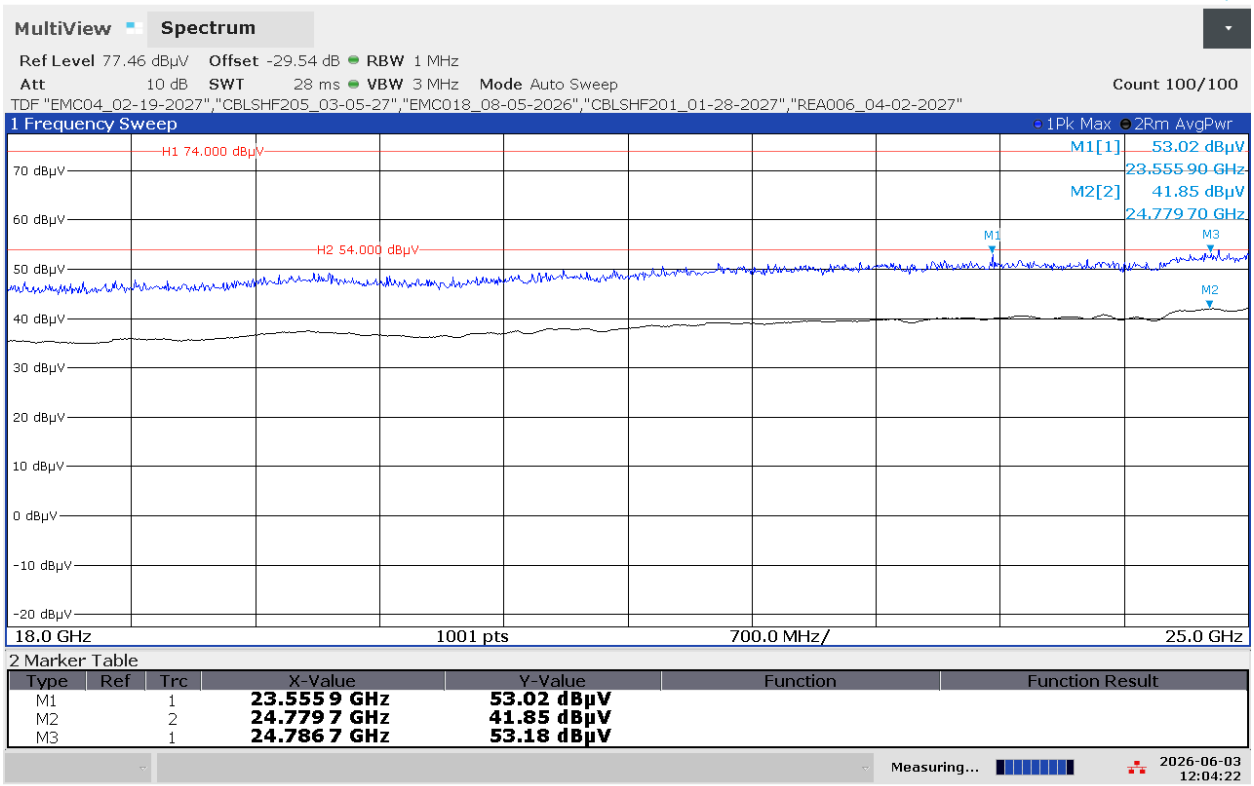
NF = Noise Floor signals

AVG (PASS) (13)

| Frequency (MHz) | Level (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Azimuth (°) | Height (m) | Pol. | RBW | Meas.Time (s) | Correction (dB) |
|---|---|---|---|---|---|---|---|---|---|
| 4810 | 40.37 | 54.00 | -13.63 | 360.00 | 1.00 | Vertical | 1M | 5.00 | -0.36 |
| 7216.625 | 37.68 | 54.00 | -16.32 | 360.00 | 1.00 | Horizontal | 1M | 5.00 | 4.60 |
| 9618.886 | 37.28 NF | 54.00 | -16.72 | 360.00 | 1.00 | Vertical | 1M | 5.00 | 7.46 |
| 11978.079 | 40.40 NF | 54.00 | -13.60 | 266.10 | 4.00 | Horizontal | 1M | 5.00 | 11.16 |
| 12507.737 | 41.46 NF | 54.00 | -12.54 | 360.00 | 4.00 | Horizontal | 1M | 5.00 | 12.55 |
| 13475.185 | 41.61 NF | 54.00 | -12.39 | 360.00 | 4.00 | Vertical | 1M | 5.00 | 13.91 |
| 14439.381 | 41.29 NF | 54.00 | -12.71 | 360.00 | 1.00 | Horizontal | 1M | 5.00 | 14.46 |
| 15083.803 | 41.39 NF | 54.00 | -12.61 | 0.00 | 1.00 | Vertical | 1M | 5.00 | 14.75 |
| 15702.733 | 42.46 NF | 54.00 | -11.54 | 0.00 | 4.00 | Vertical | 1M | 5.00 | 14.90 |
| 16357.846 | 45.01 NF | 54.00 | -8.99 | 360.00 | 1.00 | Vertical | 1M | 5.00 | 16.70 |
| 16838.192 | 45.33 NF | 54.00 | -8.67 | 0.00 | 4.00 | Vertical | 1M | 5.00 | 18.39 |
| 17309.024 | 44.80 NF | 54.00 | -9.20 | 265.90 | 4.00 | Vertical | 1M | 5.00 | 17.59 |
| 17824.48 | 44.54 NF | 54.00 | -9.46 | 360.00 | 4.00 | Horizontal | 1M | 5.00 | 17.04 |

NF = Noise Floor signals

LNK100 SAB – Zigbee, Transmits at Low Channel, RE 18-25 GHz




**12:04:22 PM 06/03/2026**

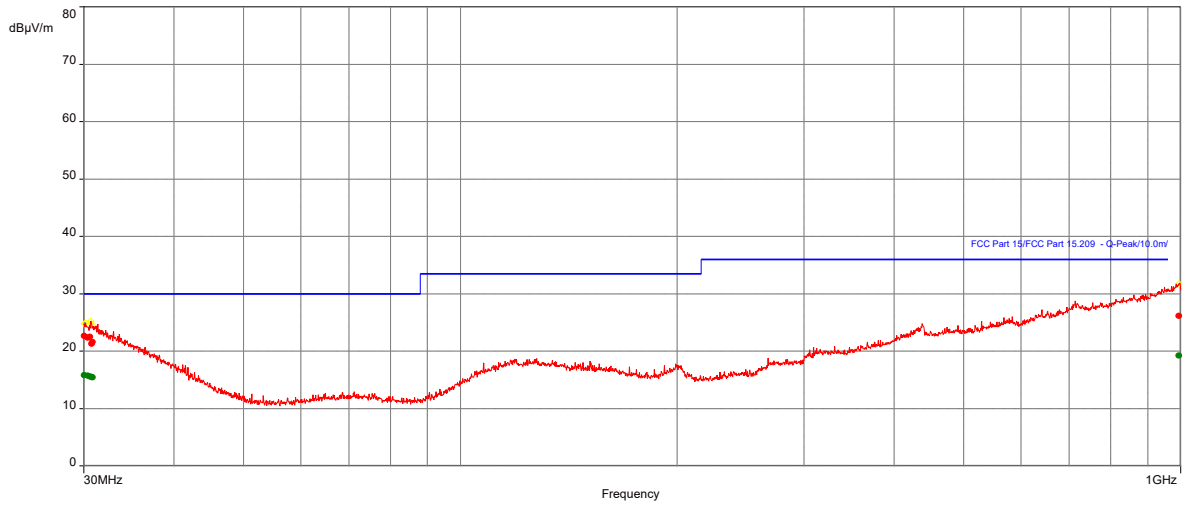
Notes: Testing was performed manually around the EUT at 10cm distance. No emission was detected above the test instrument noise floor. The cable loss, antenna factor, filter loss, and pre-amp gain were compensated as transducer factor (TDF) and the distance factor was compensated as Reference Offset

LNK100 SAB – Zigbee, Transmit Mid Channel, RE 30-1000 MHz

**Test Information:**

| | |
|---|---|
| Date and Time | 6/3/2026 10:11:44 PM |
| Client and Project Number | Assa Abloy |
| Engineer | Kouma Sinn |
| Temperature | 23 deg C |
| Humidity | 41 % |
| Atmospheric Pressure | 1013 mbars |
| Comments | Scan 47_LNK100 SAB, Zigbee (Tx Mid CH 2440MHz), RE 30 -1000MHz |

**Graph:**




**Results:**

Peak (PASS) (6)

| Frequency (MHz) | Level (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Azimuth (°) | Height (m) | Pol. | RBW | Meas.Time (s) | Correction (dB) |
|---|---|---|---|---|---|---|---|---|---|
| 30.0397 | 22.64 NF | No limit | N/A | 173.20 | 1.15 | Horizontal | 120k | 5.00 | -12.51 |
| 30.3808 | 22.38 NF | No limit | N/A | 312.70 | 4.00 | Vertical | 120k | 5.00 | -12.71 |
| 30.6062 | 22.50 NF | No limit | N/A | 114.30 | 4.00 | Horizontal | 120k | 5.00 | -12.84 |
| 30.7486 | 21.28 NF | No limit | N/A | 146.00 | 4.00 | Horizontal | 120k | 5.00 | -12.92 |
| 30.8277 | 21.57 NF | No limit | N/A | 243.40 | 4.00 | Horizontal | 120k | 5.00 | -12.97 |
| 994.427 | 26.14 NF | No limit | N/A | 264.30 | 2.18 | Vertical | 120k | 5.00 | -4.26 |

QuasiPeak (PASS) (6)

| Frequency (MHz) | Level (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Azimuth (°) | Height (m) | Pol. | RBW | Meas.Time (s) | Correction (dB) |
|---|---|---|---|---|---|---|---|---|---|
| 30.0397 | 15.86 NF | 30.00 | -14.14 | 173.20 | 1.15 | Horizontal | 120k | 5.00 | -12.51 |
| 30.3808 | 15.75 NF | 30.00 | -14.25 | 312.70 | 4.00 | Vertical | 120k | 5.00 | -12.71 |
| 30.6062 | 15.56 NF | 30.00 | -14.44 | 114.30 | 4.00 | Horizontal | 120k | 5.00 | -12.84 |
| 30.7486 | 15.52 NF | 30.00 | -14.48 | 146.00 | 4.00 | Horizontal | 120k | 5.00 | -12.92 |
| 30.8277 | 15.44 NF | 30.00 | -14.56 | 243.40 | 4.00 | Horizontal | 120k | 5.00 | -12.97 |
| 994.427 | 19.25 NF | 43.48 | -24.23 | 264.30 | 2.18 | Vertical | 120k | 5.00 | -4.26 |

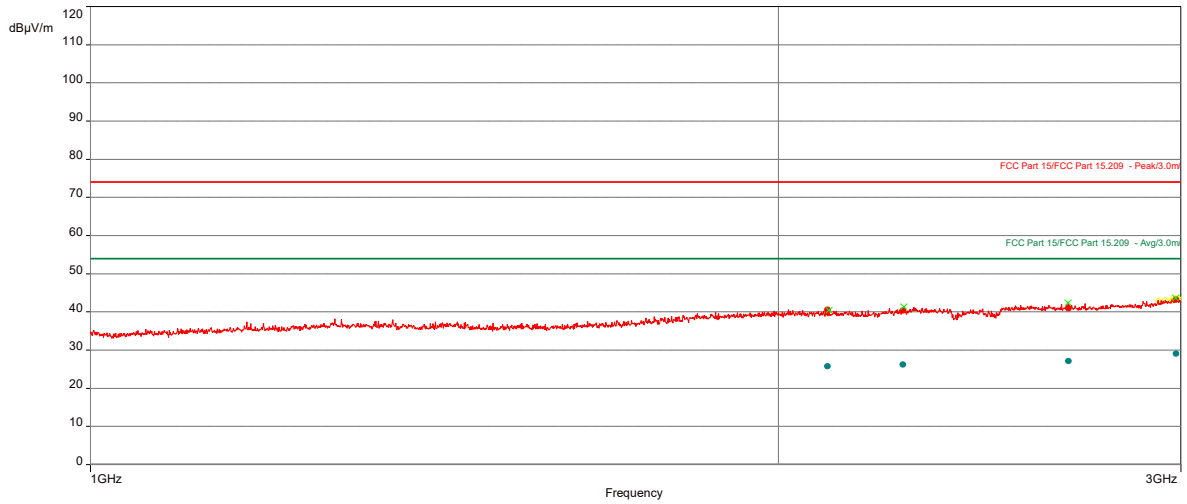
NF = Noise Floor signals

LNK100 SAB – Zigbee, Transmit Mid Channel, RE 1-3 GHz

**Test Information:**

| | |
|---|---|
| Date and Time | 6/2/2026 9:26:37 PM |
| Client and Project Number | Assa Abloy |
| Engineer | Vathana Ven |
| Temperature | 22 deg C |
| Humidity | 43 % |
| Atmospheric Pressure | 1011 mbars |
| Comments | Scan 30_LNK100 SAB, Zigbee (Tx Mid 2440 MHz), RE 1-3GHz |

**Graph:**




**Results:**

Peak (PASS) (4)

| Frequency (MHz) | Level (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Azimuth (°) | Height (m) | Pol. | RBW | Meas.Time (s) | Correction (dB) |
|---|---|---|---|---|---|---|---|---|---|
| 2101.656 | 40.64 NF | 74.00 | -33.36 | 35.10 | 3.05 | Horizontal | 1M | 5.00 | -5.31 |
| 2267.093 | 40.34 NF | 74.00 | -33.66 | 230.70 | 4.00 | Vertical | 1M | 5.00 | -4.99 |
| 2678.724 | 40.91 NF | 74.00 | -33.09 | 152.30 | 1.00 | Vertical | 1M | 5.00 | -4.04 |
| 2985.472 | 43.26 NF | 74.00 | -30.74 | 308.80 | 3.58 | Horizontal | 1M | 5.00 | -2.59 |

AVG (PASS) (4)

| Frequency (MHz) | Level (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Azimuth (°) | Height (m) | Pol. | RBW | Meas.Time (s) | Correction (dB) |
|---|---|---|---|---|---|---|---|---|---|
| 2101.656 | 25.83 NF | 54.00 | -28.17 | 35.10 | 3.05 | Horizontal | 1M | 5.00 | -5.31 |
| 2267.093 | 26.27 NF | 54.00 | -27.73 | 230.70 | 4.00 | Vertical | 1M | 5.00 | -4.99 |
| 2678.724 | 27.20 NF | 54.00 | -26.80 | 152.30 | 1.00 | Vertical | 1M | 5.00 | -4.04 |
| 2985.472 | 29.08 NF | 54.00 | -24.92 | 308.80 | 3.58 | Horizontal | 1M | 5.00 | -2.59 |

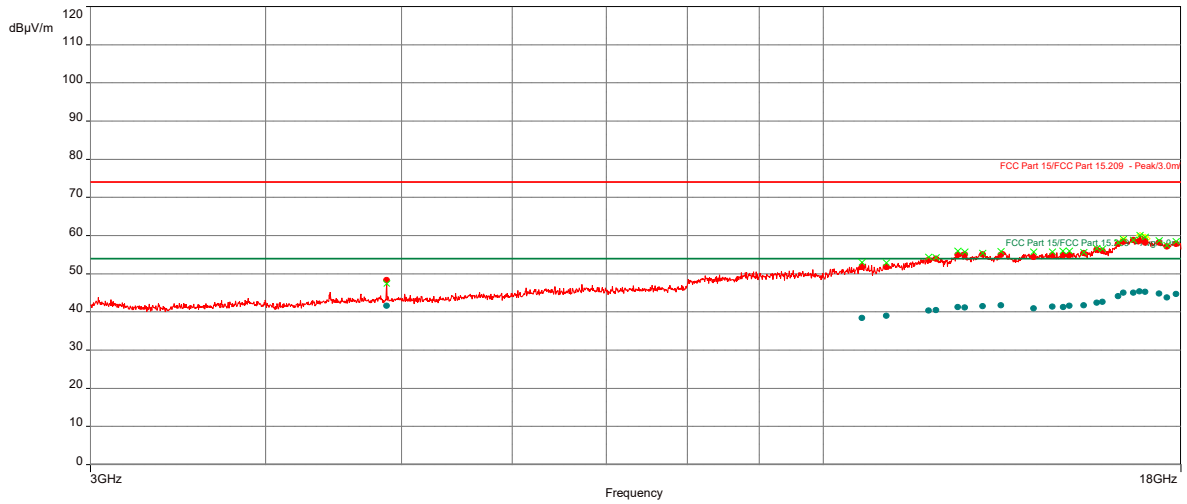
NF = Noise Floor signals

LNK100 SAB – Zigbee, Transmit Mid Channel, RE 3-18 GHz

**Test Information:**

| | |
|---|---|
| Date and Time | 6/2/2026 7:06:03 PM |
| Client and Project Number | Assa Abloy |
| Engineer | Vathana Ven |
| Temperature | 22 deg C |
| Humidity | 43 % |
| Atmospheric Pressure | 1011 mbars |
| Comments | Scan 29_LNK100 SAB, Zigbee (Tx Mid 2440 MHz), RE 3-18GHz |

**Graph:**




**Results:**

Peak (PASS) (24)

| Frequency (MHz) | Level (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Azimuth (°) | Height (m) | Pol. | RBW | Meas.Time (s) | Correction (dB) |
|---|---|---|---|---|---|---|---|---|---|
| 4880.112 | 48.38 | 74.00 | -25.62 | 0.00 | 1.00 | Vertical | 1M | 5.00 | -0.12 |
| 10657.891 | 51.74 NF | 74.00 | -22.26 | 360.00 | 1.00 | Vertical | 1M | 5.00 | 9.00 |
| 11098.41 | 51.83 NF | 74.00 | -22.17 | 360.00 | 1.00 | Vertical | 1M | 5.00 | 9.62 |
| 11896.523 | 53.65 NF | 74.00 | -20.35 | 266.00 | 4.00 | Vertical | 1M | 5.00 | 11.07 |
| 12036.418 | 53.97 NF | 74.00 | -20.03 | 266.20 | 1.00 | Horizontal | 1M | 5.00 | 11.31 |
| 12479.576 | 54.99 NF | 74.00 | -19.01 | 360.00 | 1.00 | Horizontal | 1M | 5.00 | 12.47 |
| 12618.39 | 55.06 NF | 74.00 | -18.94 | 360.00 | 4.00 | Vertical | 1M | 5.00 | 12.90 |
| 12996.445 | 55.16 NF | 74.00 | -18.84 | 0.00 | 4.00 | Vertical | 1M | 5.00 | 13.96 |
| 13391.214 | 54.94 NF | 74.00 | -19.06 | 360.00 | 1.00 | Horizontal | 1M | 5.00 | 14.14 |
| 14128.501 | 54.41 NF | 74.00 | -19.59 | 360.00 | 1.00 | Horizontal | 1M | 5.00 | 13.90 |
| 14572.899 | 54.83 NF | 74.00 | -19.17 | 360.00 | 4.00 | Horizontal | 1M | 5.00 | 14.50 |
| 14831.532 | 54.87 NF | 74.00 | -19.13 | 360.00 | 1.00 | Horizontal | 1M | 5.00 | 14.57 |
| 14987.048 | 54.92 NF | 74.00 | -19.08 | 0.00 | 4.00 | Vertical | 1M | 5.00 | 14.82 |
| 15341.393 | 55.41 NF | 74.00 | -18.59 | 266.20 | 4.00 | Vertical | 1M | 5.00 | 14.61 |
| 15680.929 | 56.37 NF | 74.00 | -17.63 | 266.00 | 1.00 | Vertical | 1M | 5.00 | 14.87 |
| 15821.953 | 56.07 NF | 74.00 | -17.93 | 266.10 | 4.00 | Horizontal | 1M | 5.00 | 15.23 |
| 16243.221 | 57.84 NF | 74.00 | -16.16 | 0.00 | 4.00 | Vertical | 1M | 5.00 | 16.30 |
| 16382.589 | 58.36 NF | 74.00 | -15.64 | 0.00 | 1.00 | Vertical | 1M | 5.00 | 16.81 |
| 16648.322 | 58.88 NF | 74.00 | -15.12 | 266.00 | 1.00 | Vertical | 1M | 5.00 | 17.99 |
| 16821.217 | 58.59 NF | 74.00 | -15.41 | 360.00 | 1.00 | Horizontal | 1M | 5.00 | 18.37 |
| 16978.541 | 58.23 NF | 74.00 | -15.77 | 360.00 | 4.00 | Horizontal | 1M | 5.00 | 18.50 |
| 17373.531 | 58.17 NF | 74.00 | -15.83 | 360.00 | 4.00 | Vertical | 1M | 5.00 | 17.44 |
| 17594.236 | 57.14 NF | 74.00 | -16.86 | 266.00 | 1.00 | Horizontal | 1M | 5.00 | 17.25 |
| 17853.626 | 57.87 NF | 74.00 | -16.13 | 0.00 | 4.00 | Horizontal | 1M | 5.00 | 17.06 |

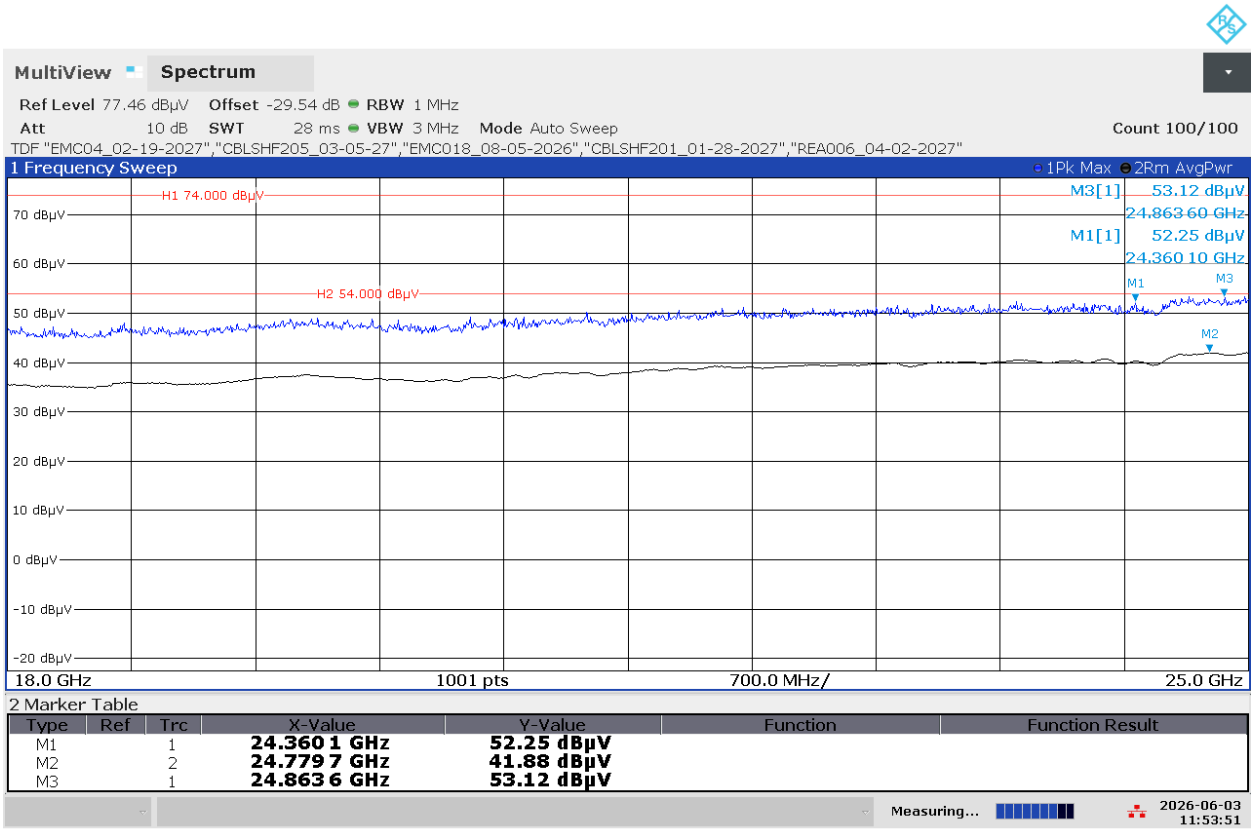
NF = Noise Floor signals

AVG (PASS) (24)

| Frequency (MHz) | Level (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Azimuth (°) | Height (m) | Pol. | RBW | Meas.Time (s) | Correction (dB) |
|---|---|---|---|---|---|---|---|---|---|
| 4880.112 | 41.62 | 54.00 | -12.38 | 0.00 | 1.00 | Vertical | 1M | 5.00 | -0.12 |
| 10657.891 | 38.44 NF | 54.00 | -15.56 | 360.00 | 1.00 | Vertical | 1M | 5.00 | 9.00 |
| 11098.41 | 38.98 NF | 54.00 | -15.02 | 360.00 | 1.00 | Vertical | 1M | 5.00 | 9.62 |
| 11896.523 | 40.45 NF | 54.00 | -13.55 | 266.00 | 4.00 | Vertical | 1M | 5.00 | 11.07 |
| 12036.418 | 40.55 NF | 54.00 | -13.45 | 266.20 | 1.00 | Horizontal | 1M | 5.00 | 11.31 |
| 12479.576 | 41.25 NF | 54.00 | -12.75 | 360.00 | 1.00 | Horizontal | 1M | 5.00 | 12.47 |
| 12618.39 | 41.20 NF | 54.00 | -12.80 | 360.00 | 4.00 | Vertical | 1M | 5.00 | 12.90 |
| 12996.445 | 41.48 NF | 54.00 | -12.52 | 0.00 | 4.00 | Vertical | 1M | 5.00 | 13.96 |
| 13391.214 | 41.78 NF | 54.00 | -12.22 | 360.00 | 1.00 | Horizontal | 1M | 5.00 | 14.14 |
| 14128.501 | 40.98 NF | 54.00 | -13.02 | 360.00 | 1.00 | Horizontal | 1M | 5.00 | 13.90 |
| 14572.899 | 41.45 NF | 54.00 | -12.55 | 360.00 | 4.00 | Horizontal | 1M | 5.00 | 14.50 |
| 14831.532 | 41.26 NF | 54.00 | -12.74 | 360.00 | 1.00 | Horizontal | 1M | 5.00 | 14.57 |
| 14987.048 | 41.68 NF | 54.00 | -12.32 | 0.00 | 4.00 | Vertical | 1M | 5.00 | 14.82 |
| 15341.393 | 41.71 NF | 54.00 | -12.29 | 266.20 | 4.00 | Vertical | 1M | 5.00 | 14.61 |
| 15680.929 | 42.44 NF | 54.00 | -11.56 | 266.00 | 1.00 | Vertical | 1M | 5.00 | 14.87 |
| 15821.953 | 42.62 NF | 54.00 | -11.38 | 266.10 | 4.00 | Horizontal | 1M | 5.00 | 15.23 |
| 16243.221 | 44.17 NF | 54.00 | -9.83 | 0.00 | 4.00 | Vertical | 1M | 5.00 | 16.30 |
| 16382.589 | 45.07 NF | 54.00 | -8.93 | 0.00 | 1.00 | Vertical | 1M | 5.00 | 16.81 |
| 16648.322 | 45.04 NF | 54.00 | -8.96 | 266.00 | 1.00 | Vertical | 1M | 5.00 | 17.99 |
| 16821.217 | 45.46 NF | 54.00 | -8.54 | 360.00 | 1.00 | Horizontal | 1M | 5.00 | 18.37 |
| 16978.541 | 45.26 NF | 54.00 | -8.74 | 360.00 | 4.00 | Horizontal | 1M | 5.00 | 18.50 |
| 17373.531 | 44.86 NF | 54.00 | -9.14 | 360.00 | 4.00 | Vertical | 1M | 5.00 | 17.44 |
| 17594.236 | 43.82 NF | 54.00 | -10.18 | 266.00 | 1.00 | Horizontal | 1M | 5.00 | 17.25 |
| 17853.626 | 44.69 NF | 54.00 | -9.31 | 0.00 | 4.00 | Horizontal | 1M | 5.00 | 17.06 |

NF = Noise Floor signals

LNK100 SAB – Zigbee, Transmit Mid Channel, RE 18-25 GHz




**11:53:51 AM 06/03/2026**

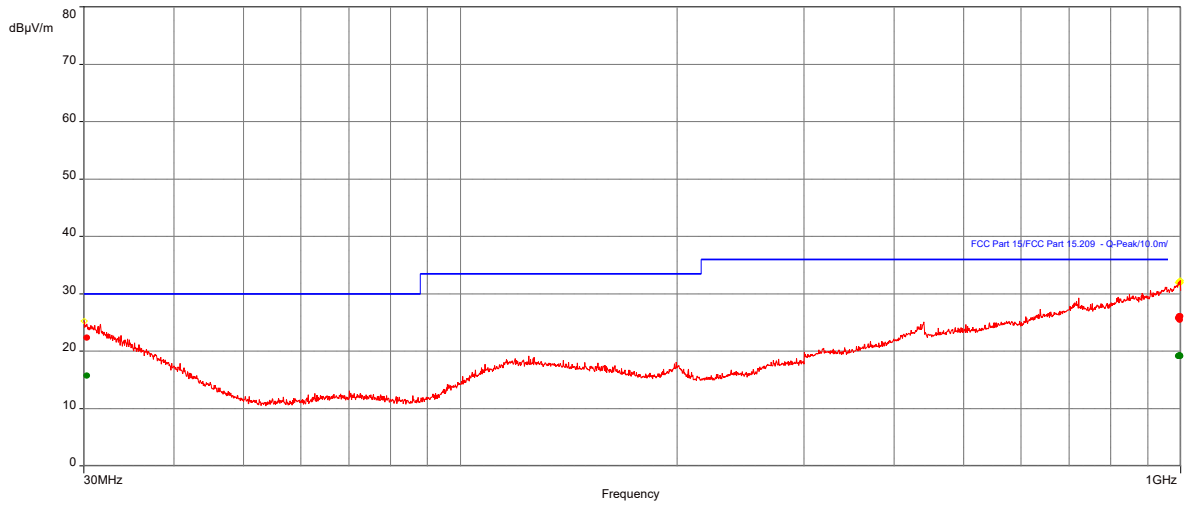
Notes: Testing was performed manually around the EUT at 10cm distance. No emission was detected above the test instrument noise floor. The cable loss, antenna factor, filter loss, and pre-amp gain were compensated as transducer factor (TDF) and the distance factor was compensated as Reference Offset

LNK100 SAB – Zigbee, Transmits at High Channel, RE 30-1000 MHz

**Test Information:**

| | |
|---|---|
| Date and Time | 6/3/2026 9:40:47 PM |
| Client and Project Number | Assa Abloy |
| Engineer | Kouma Sinn |
| Temperature | 23 deg C |
| Humidity | 41 % |
| Atmospheric Pressure | 1013 mbars |
| Comments | Scan 46_LNK100 SAB, Zigbee (Tx High CH 2480MHz), RE 30 -1000MHz |

**Graph:**




**Results:**

Peak (PASS) (6)

| Frequency (MHz) | Level (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Azimuth (°) | Height (m) | Pol. | RBW | Meas.Time (s) | Correction (dB) |
|---|---|---|---|---|---|---|---|---|---|
| 30.3 | 22.37 NF | No limit | N/A | 108.30 | 4.00 | Vertical | 120k | 5.00 | -12.66 |
| 993.3633 | 25.81 NF | No limit | N/A | 324.20 | 3.21 | Horizontal | 120k | 5.00 | -4.31 |
| 996.2656 | 26.08 NF | No limit | N/A | 322.80 | 3.88 | Vertical | 120k | 5.00 | -4.19 |
| 996.6883 | 25.51 NF | No limit | N/A | 135.00 | 4.00 | Vertical | 120k | 5.00 | -4.18 |
| 997.7437 | 26.03 NF | No limit | N/A | 328.70 | 4.00 | Vertical | 120k | 5.00 | -4.18 |
| 998.6433 | 26.08 NF | No limit | N/A | 146.20 | 4.00 | Horizontal | 120k | 5.00 | -4.17 |

QuasiPeak (PASS) (6)

| Frequency (MHz) | Level (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Azimuth (°) | Height (m) | Pol. | RBW | Meas.Time (s) | Correction (dB) |
|---|---|---|---|---|---|---|---|---|---|
| 30.3 | 15.75 NF | 30.00 | -14.25 | 108.30 | 4.00 | Vertical | 120k | 5.00 | -12.66 |
| 993.3633 | 19.17 NF | 43.48 | -24.31 | 324.20 | 3.21 | Horizontal | 120k | 5.00 | -4.31 |
| 996.2656 | 19.24 NF | 43.48 | -24.24 | 322.80 | 3.88 | Vertical | 120k | 5.00 | -4.19 |
| 996.6883 | 19.24 NF | 43.48 | -24.24 | 135.00 | 4.00 | Vertical | 120k | 5.00 | -4.18 |
| 997.7437 | 19.22 NF | 43.48 | -24.26 | 328.70 | 4.00 | Vertical | 120k | 5.00 | -4.18 |
| 998.6433 | 19.19 NF | 43.48 | -24.29 | 146.20 | 4.00 | Horizontal | 120k | 5.00 | -4.17 |

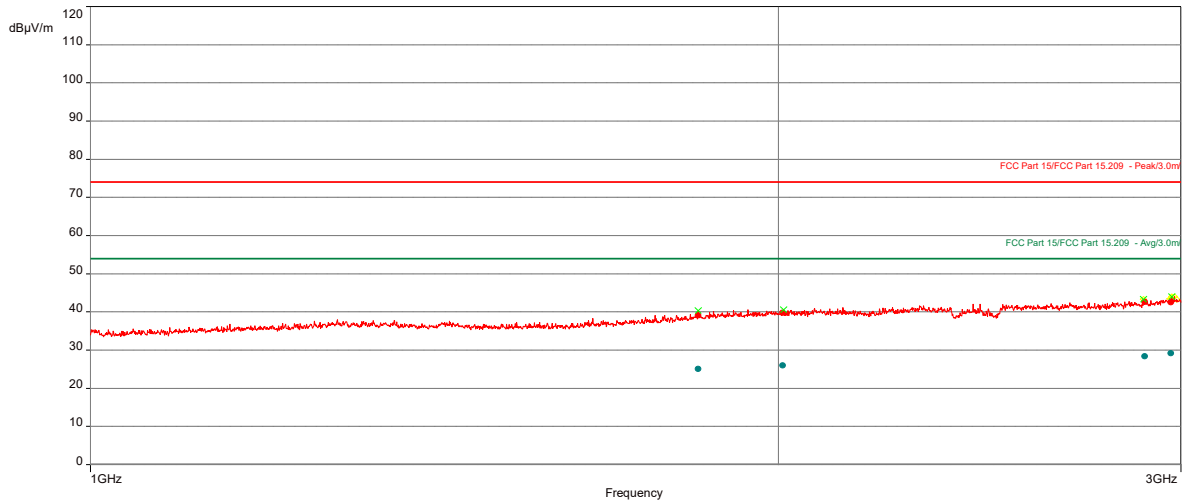
NF = Noise Floor signals

LNK100 SAB – Zigbee, Transmits at High Channel, RE 1-3 GHz

**Test Information:**

| | |
|---|---|
| Date and Time | 6/2/2026 4:10:57 PM |
| Client and Project Number | Assa Abloy |
| Engineer | Vathana Ven |
| Temperature | 22 deg C |
| Humidity | 43 % |
| Atmospheric Pressure | 1011 mbars |
| Comments | Scan 27_LNK100 SAB, Zigbee (Tx High 2480 MHz), RE 1-3GHz |

**Graph:**




**Results:**

Peak (PASS) (4)

| Frequency (MHz) | Level (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Azimuth (°) | Height (m) | Pol. | RBW | Meas.Time (s) | Correction (dB) |
|---|---|---|---|---|---|---|---|---|---|
| 1845.1 | 39.18 NF | 74.00 | -34.82 | 191.40 | 1.00 | Horizontal | 1M | 5.00 | -6.08 |
| 2008.653 | 39.86 NF | 74.00 | -34.14 | 34.80 | 2.51 | Vertical | 1M | 5.00 | -5.23 |
| 2892.739 | 42.69 NF | 74.00 | -31.31 | 0.00 | 1.44 | Horizontal | 1M | 5.00 | -3.34 |
| 2969.684 | 42.59 NF | 74.00 | -31.41 | 74.00 | 1.98 | Horizontal | 1M | 5.00 | -2.71 |

AVG (PASS) (4)

| Frequency (MHz) | Level (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Azimuth (°) | Height (m) | Pol. | RBW | Meas.Time (s) | Correction (dB) |
|---|---|---|---|---|---|---|---|---|---|
| 1845.1 | 25.13 NF | 54.00 | -28.87 | 191.40 | 1.00 | Horizontal | 1M | 5.00 | -6.08 |
| 2008.653 | 26.01 NF | 54.00 | -27.99 | 34.80 | 2.51 | Vertical | 1M | 5.00 | -5.23 |
| 2892.739 | 28.41 NF | 54.00 | -25.59 | 0.00 | 1.44 | Horizontal | 1M | 5.00 | -3.34 |
| 2969.684 | 29.18 NF | 54.00 | -24.82 | 74.00 | 1.98 | Horizontal | 1M | 5.00 | -2.71 |

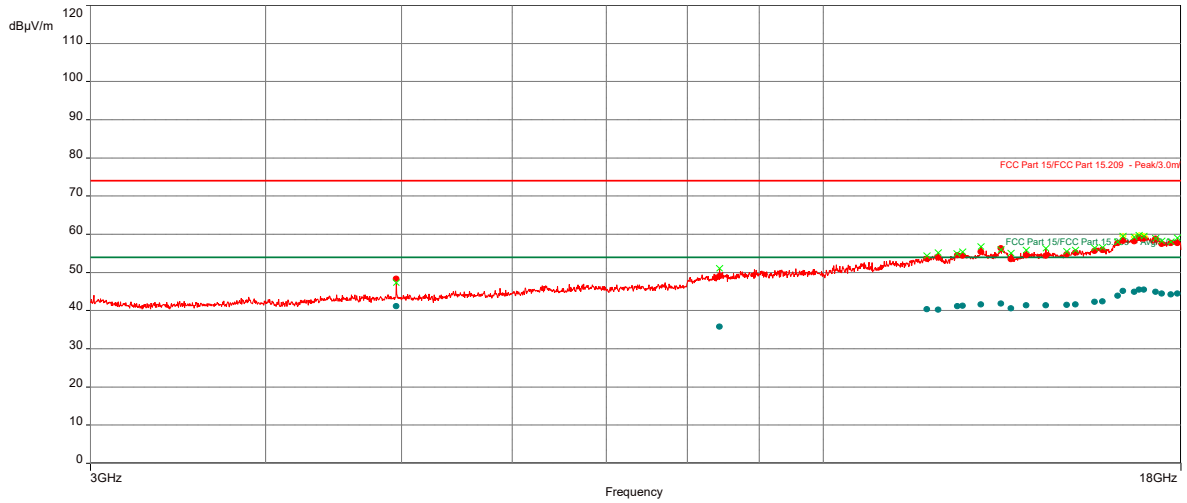
NF = Noise Floor signals

LNK100 SAB – Zigbee, Transmits at High Channel, RE 3-18 GHz

**Test Information:**

| | |
|---|---|
| Date and Time | 6/2/2026 4:35:52 PM |
| Client and Project Number | Assa Abloy |
| Engineer | Vathana Ven |
| Temperature | 22 deg C |
| Humidity | 43 % |
| Atmospheric Pressure | 1011 mbars |
| Comments | Scan 28_LNK100 SAB, Zigbee (Tx High 2480 MHz), RE 3-18GHz |

**Graph:**




**Results:**

Peak (PASS) (24)

| Frequency (MHz) | Level (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Azimuth (°) | Height (m) | Pol. | RBW | Meas.Time (s) | Correction (dB) |
|---|---|---|---|---|---|---|---|---|---|
| 4959.888 | 48.35 | 74.00 | -25.65 | 360.00 | 4.00 | Vertical | 1M | 5.00 | -0.02 |
| 8431.707 | 49.04 NF | 74.00 | -24.96 | 0.00 | 4.00 | Horizontal | 1M | 5.00 | 7.06 |
| 11856.813 | 53.57 NF | 74.00 | -20.43 | 266.10 | 4.00 | Horizontal | 1M | 5.00 | 11.03 |
| 12077.568 | 53.91 NF | 74.00 | -20.09 | 0.00 | 4.00 | Vertical | 1M | 5.00 | 11.42 |
| 12464.232 | 54.54 NF | 74.00 | -19.46 | 0.00 | 4.00 | Vertical | 1M | 5.00 | 12.42 |
| 12572.723 | 54.44 NF | 74.00 | -19.56 | 265.90 | 4.00 | Horizontal | 1M | 5.00 | 12.75 |
| 12958.192 | 55.45 NF | 74.00 | -18.55 | 266.00 | 1.00 | Vertical | 1M | 5.00 | 13.92 |
| 13388.87 | 56.33 NF | 74.00 | -17.67 | 0.00 | 1.00 | Horizontal | 1M | 5.00 | 14.14 |
| 13617.444 | 53.49 NF | 74.00 | -20.51 | 360.00 | 1.00 | Horizontal | 1M | 5.00 | 13.82 |
| 13963.007 | 54.56 NF | 74.00 | -19.44 | 360.00 | 4.00 | Horizontal | 1M | 5.00 | 13.67 |
| 14419.793 | 54.47 NF | 74.00 | -19.53 | 265.90 | 1.00 | Vertical | 1M | 5.00 | 14.45 |
| 14923.207 | 54.72 NF | 74.00 | -19.28 | 266.00 | 1.00 | Horizontal | 1M | 5.00 | 14.71 |
| 15141.338 | 55.17 NF | 74.00 | -18.83 | 360.00 | 4.00 | Vertical | 1M | 5.00 | 14.70 |
| 15620.929 | 55.65 NF | 74.00 | -18.35 | 360.00 | 1.00 | Vertical | 1M | 5.00 | 14.79 |
| 15828.366 | 55.92 NF | 74.00 | -18.08 | 266.10 | 4.00 | Vertical | 1M | 5.00 | 15.24 |
| 16224.136 | 57.71 NF | 74.00 | -16.29 | 266.00 | 4.00 | Horizontal | 1M | 5.00 | 16.20 |
| 16365.598 | 58.31 NF | 74.00 | -15.69 | 360.00 | 1.00 | Vertical | 1M | 5.00 | 16.74 |
| 16673.288 | 58.24 NF | 74.00 | -15.76 | 0.00 | 4.00 | Vertical | 1M | 5.00 | 18.05 |
| 16801.856 | 59.05 NF | 74.00 | -14.95 | 0.00 | 1.00 | Horizontal | 1M | 5.00 | 18.34 |
| 16938.808 | 58.88 NF | 74.00 | -15.12 | 0.00 | 1.00 | Horizontal | 1M | 5.00 | 18.49 |
| 17265.788 | 58.83 NF | 74.00 | -15.17 | 360.00 | 4.00 | Vertical | 1M | 5.00 | 17.72 |
| 17441.784 | 57.55 NF | 74.00 | -16.45 | 360.00 | 1.00 | Vertical | 1M | 5.00 | 17.32 |
| 17705.104 | 57.70 NF | 74.00 | -16.3 | 360.00 | 1.00 | Vertical | 1M | 5.00 | 17.11 |
| 17902.301 | 57.73 NF | 74.00 | -16.27 | 0.00 | 4.00 | Vertical | 1M | 5.00 | 17.12 |

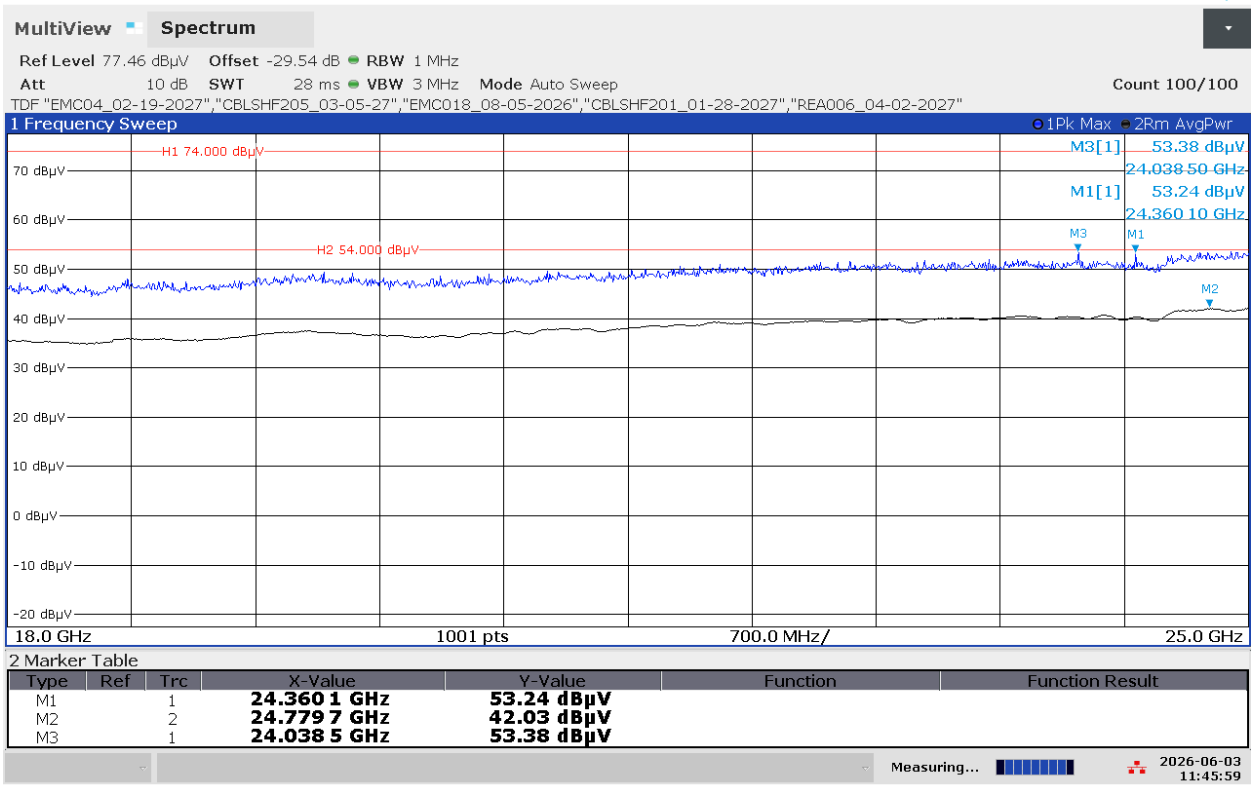
NF = Noise Floor signals

AVG (PASS) (24)

| Frequency (MHz) | Level (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Azimuth (°) | Height (m) | Pol. | RBW | Meas.Time (s) | Correction (dB) |
|---|---|---|---|---|---|---|---|---|---|
| 4959.888 | 41.19 | 54.00 | -12.81 | 360.00 | 4.00 | Vertical | 1M | 5.00 | -0.02 |
| 8431.707 | 35.87 NF | 54.00 | -18.13 | 0.00 | 4.00 | Horizontal | 1M | 5.00 | 7.06 |
| 11856.813 | 40.38 NF | 54.00 | -13.62 | 266.10 | 4.00 | Horizontal | 1M | 5.00 | 11.03 |
| 12077.568 | 40.32 NF | 54.00 | -13.68 | 0.00 | 4.00 | Vertical | 1M | 5.00 | 11.42 |
| 12464.232 | 41.21 NF | 54.00 | -12.79 | 0.00 | 4.00 | Vertical | 1M | 5.00 | 12.42 |
| 12572.723 | 41.28 NF | 54.00 | -12.72 | 265.90 | 4.00 | Horizontal | 1M | 5.00 | 12.75 |
| 12958.192 | 41.65 NF | 54.00 | -12.35 | 266.00 | 1.00 | Vertical | 1M | 5.00 | 13.92 |
| 13388.87 | 41.90 NF | 54.00 | -12.10 | 0.00 | 1.00 | Horizontal | 1M | 5.00 | 14.14 |
| 13617.444 | 40.57 NF | 54.00 | -13.43 | 360.00 | 1.00 | Horizontal | 1M | 5.00 | 13.82 |
| 13963.007 | 41.43 NF | 54.00 | -12.57 | 360.00 | 4.00 | Horizontal | 1M | 5.00 | 13.67 |
| 14419.793 | 41.42 NF | 54.00 | -12.58 | 265.90 | 1.00 | Vertical | 1M | 5.00 | 14.45 |
| 14923.207 | 41.51 NF | 54.00 | -12.49 | 266.00 | 1.00 | Horizontal | 1M | 5.00 | 14.71 |
| 15141.338 | 41.67 NF | 54.00 | -12.33 | 360.00 | 4.00 | Vertical | 1M | 5.00 | 14.70 |
| 15620.929 | 42.37 NF | 54.00 | -11.63 | 360.00 | 1.00 | Vertical | 1M | 5.00 | 14.79 |
| 15828.366 | 42.42 NF | 54.00 | -11.58 | 266.10 | 4.00 | Vertical | 1M | 5.00 | 15.24 |
| 16224.136 | 43.90 NF | 54.00 | -10.10 | 266.00 | 4.00 | Horizontal | 1M | 5.00 | 16.20 |
| 16365.598 | 45.15 NF | 54.00 | -8.85 | 360.00 | 1.00 | Vertical | 1M | 5.00 | 16.74 |
| 16673.288 | 44.91 NF | 54.00 | -9.09 | 0.00 | 4.00 | Vertical | 1M | 5.00 | 18.05 |
| 16801.856 | 45.47 NF | 54.00 | -8.53 | 0.00 | 1.00 | Horizontal | 1M | 5.00 | 18.34 |
| 16938.808 | 45.49 NF | 54.00 | -8.51 | 0.00 | 1.00 | Horizontal | 1M | 5.00 | 18.49 |
| 17265.788 | 45.00 NF | 54.00 | -9.00 | 360.00 | 4.00 | Vertical | 1M | 5.00 | 17.72 |
| 17441.784 | 44.51 NF | 54.00 | -9.49 | 360.00 | 1.00 | Vertical | 1M | 5.00 | 17.32 |
| 17705.104 | 44.24 NF | 54.00 | -9.76 | 360.00 | 1.00 | Vertical | 1M | 5.00 | 17.11 |
| 17902.301 | 44.52 NF | 54.00 | -9.48 | 0.00 | 4.00 | Vertical | 1M | 5.00 | 17.12 |

NF = Noise Floor signals

LNK100 SAB – Zigbee, Transmit High Channel, RE 18-25 GHz




**11:45:59 AM 06/03/2026**

Notes: Testing was performed manually around the EUT at 10cm distance. No emission was detected above the test instrument noise floor. The cable loss, antenna factor, filter loss, and pre-amp gain were compensated as transducer factor (TDF) and the distance factor was compensated as Reference Offset

| Product Standard: CFR47 FCC Part 15.247, CFR47 FCC Part 15.209, RSS-247 | | | | Limit applied: See Report Section 10.2 | | | |
|---|---|---|---|---|---|---|---|
| Test Date | Test Personnel/ Initials | Supervising Engineer/ Initials | Input Voltage | Mode | Atmospheric Data | | |
| | | | | | Temp C° | Relative Humidity % | Atmospheric Pressure mbar |
| 06/03/2026 | Kouma Sinn KPS | Vathana Ven VJV | Internal battery | Continuous transmitting | 23 | 41 | 1013 |
| 06/05/2026 | Kouma Sinn KPS | Vathana Ven VJV | Internal battery | Continuous transmitting | 26 | 39 | 1003 |
| | | | | | | | |

Deviations, Additions, or Exclusions: None

# 11 Digital Device Radiated Spurious Emissions

## 11.1 Method

Tests are performed in accordance with FCC Part 15 Subpart B, ISED ICES-003, and ANSI C 63.4.

**TEST SITE:** 10m ALSE

**The 10m ALSE** is 13m (Length) x 21m (Depth) x 10m (Height) with the effective size in terms of space from the tips of the absorber is 12m (Length) x 20m (Depth) x 8.5m (Height). This chamber achieves broadband performance using a unique arrangement of hybrid and ferrite tile absorber. This chamber has a built in 3m diameter turntable (Embedded type). The metal structure of the table makes electrical connection around the entire circumference of the turntable to the ground plane with a metal brush type connection. The turntable is located on one end of the chamber and the antennas are mounted 3 and 10 meters away at the other end of the chamber on the adjustable an Antenna Mast. The antenna mast is a non-conductive bore sighted type with remote control of antenna height and polarization. The Antenna Mast and the turntable can be remotely controlled through the controller located in the adjacent Control room. A Styrofoam table 80 cm high is used for table-top equipment.

**Measurement Uncertainty**

| Measurement | Frequency Range | Expanded Uncertainty (k=2) | Ucispr |
|---|---|---|---|
| Radiated Emissions, 10m | 30-1000 MHz | 4.6dB | 6.3 dB |
| Radiated Emissions, 3m | 30-1000 MHz | 5.3 dB | 6.3 dB |
| Radiated Emissions, 3m | 1-6 GHz | 4.5 dB | 5.2 dB |
| Radiated Emissions, 3m | 6-15 GHz | 5.2 dB | 5.5 dB |
| Radiated Emissions, 3m | 15-18 GHz | 5.0 dB | 5.5 dB |
| Radiated Emissions, 3m | 18-40 GHz | 5.0 dB | 5.5 dB |

As shown in the table above our radiated emissions $U_{lab}$ is less than the corresponding $U_{CISPR}$ reference value in CISPR 16-4-2 Table 1, hence the compliance of the product is only based on the measured value, and no measurement uncertainty correction is required, based on CISPR 22 and CISPR 11 (for 2006 and later revisions) Clause 11.

**Sample Calculation**

The field strength is calculated 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 = RA + AF + CF - AG
Where FS = Field Strength in dBμV/m
RA = Receiver Amplitude (including preamplifier) in dBμV
CF = Cable Attenuation Factor in dB
AF = Antenna Factor in dB
AG = Amplifier Gain in dB

In the following table(s), the reading shown on the data table reflects the preamplifier gain. An example for the calculations in the following table is as follows.

Assume a receiver reading of 52.0 dBμV is obtained. The antenna factor of 7.4 dB and cable factor of 1.6 dB is added. The amplifier gain of 29 dB is subtracted, giving a field strength of 32 dBμV/m. This

value in dBμV/m was converted to its corresponding level in μV/m.

RA = 52.0 dBμV
AF = 7.4 dB/m
CF = 1.6 dB
AG = 29.0 dB
FS = 32 dBμV/m

To convert from dBμV to μV or mV the following was used:

$UF = 10^{(NF / 20)}$ where UF = Net Reading in μV
NF = Net Reading in dBμV

**Example:**

FS = RA + AF + CF – AG = 52.0 + 7.4 + 1.6 – 29.0 = 32.0
$UF = 10^{(32\ dB\mu V / 20)}$ = 39.8 μV/m

Alternately, when BAT-EMC Emission Software is used, the “Level” includes all losses and gains and is compared directly in the “Margin” column to the “Limit”. The “Correction” includes Antenna Factor, Preamp, and Cable Loss. These are already accounted for in the “Level” column.

## 11.2 Limit

§15.109 Radiated emission limits.

The field strength of radiated emissions form unintentional radiators at a distance of 3 meters shall not exceed the following values.

| Frequency of emission (MHz) | Field strength (microvolts/meter) | Field strength (dBμV/m) |
|---|---|---|
| 30-88 | 100 | 40.00 |
| 88-216 | 150 | 43.52 |
| 216-960 | 200 | 46.02 |
| Above 960 | 500 | 54.00 |

Notes: The limits for ISED ICES-003 are the same as the FCC limits above.

## 11.3 Test Equipment Used:

Test equipment used from 30-1000 MHz

| Asset | Description | Manufacturer | Model | Serial | Cal Date | Cal Due |
|---|---|---|---|---|---|---|
| DAV005' | Weather Station | Davis | 6250 | MS191218083 | 03/16/2026 | 03/16/2027 |
| ROS011' | ESW44 receiver 1Hz-44GHz | Rhode and Schwarz | ESW44 | 103296 | 10/29/2025 | 10/29/2026 |
| HS006' | 2m Long | Huber suhner | SF118A | 505110/118A | 10/09/2025 | 10/09/2026 |
| HS010 | 8.2M long | Hubner Suhner | SF118A | 521479/118A | 10/09/2025 | 10/09/2026 |
| 145-406' | 10m Track A In-floor Cable #1 | Huber + Suhner | sucoflex 160-19220mm | 001 | 06/26/2025 | 06/26/2026 |
| HS004' | 2M long | Huber suhner | SF118A | 505108/118A | 10/09/2025 | 10/09/2026 |
| PRE11' | 50dB gain pre-amp | Pasternack | PRE11 | PRE11 | 09/16/2025 | 09/16/2026 |
| 145145' | Broadband Hybrid Antenna 30 MHz - 3 GHz | Sunol Sciences Corp. | JB3 | A122313 | 07/17/2025 | 07/17/2026 |

| Name | Manufacturer | Version |
|---|---|---|
| BAT-EMC | Nexio | 2022.0.27.0 |

Test equipment used from 1-13 GHz

| Asset | Description | Manufacturer | Model | Serial | Cal Date | Cal Due |
|---|---|---|---|---|---|---|
| DAV005' | Weather Station | Davis | 6250 | MS191218083 | 03/16/2026 | 03/16/2027 |
| ROS014' | Receiver 1Hz-44GHz | Rhode & Schwarz | ESW 44 | 103232 | 06/17/2025 | 06/17/2026 |
| HS004' | 2M long | Huber suhner | SF118A | 505108/118A | 10/09/2025 | 10/09/2026 |
| HS005' | 2M long | Huber suhner | SF118A | 505109/118A | 10/09/2025 | 10/09/2026 |
| HS009' | 8m long | Hubner Suhner | SF106 | 537115/6 | 10/09/2025 | 10/09/2026 |
| HS013' | 12.5M long | Hubner Suhner | SF106 | 537114/6 | 10/09/2025 | 10/09/2026 |
| ETS002' | 1-18GHz DRG Horn Antenna | ETS Lindgren | 3117 | 00143260 | 09/18/2025 | 09/18/2026 |
| PRE12' | Pre-amplifier | Com Power | PAM-118A | 18040117 | 04/02/2026 | 04/02/2027 |

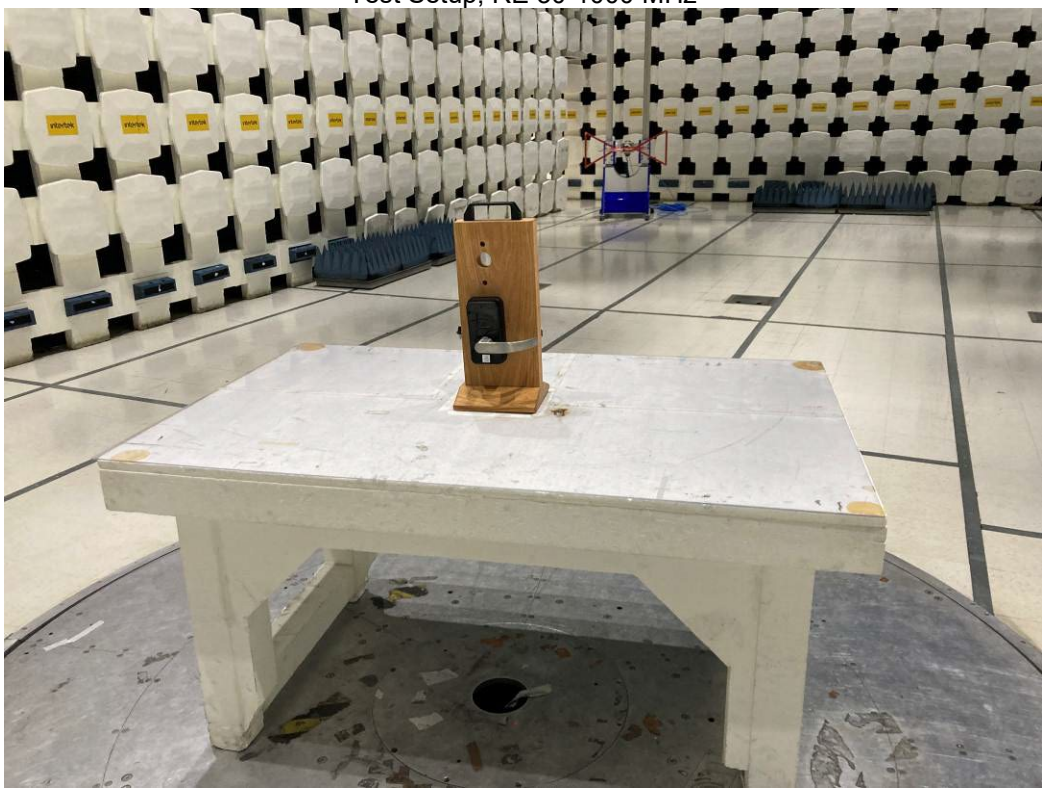
| Name | Manufacturer | Version |
|---|---|---|
| BAT-EMC | Nexio | 2022.0.27.0 |

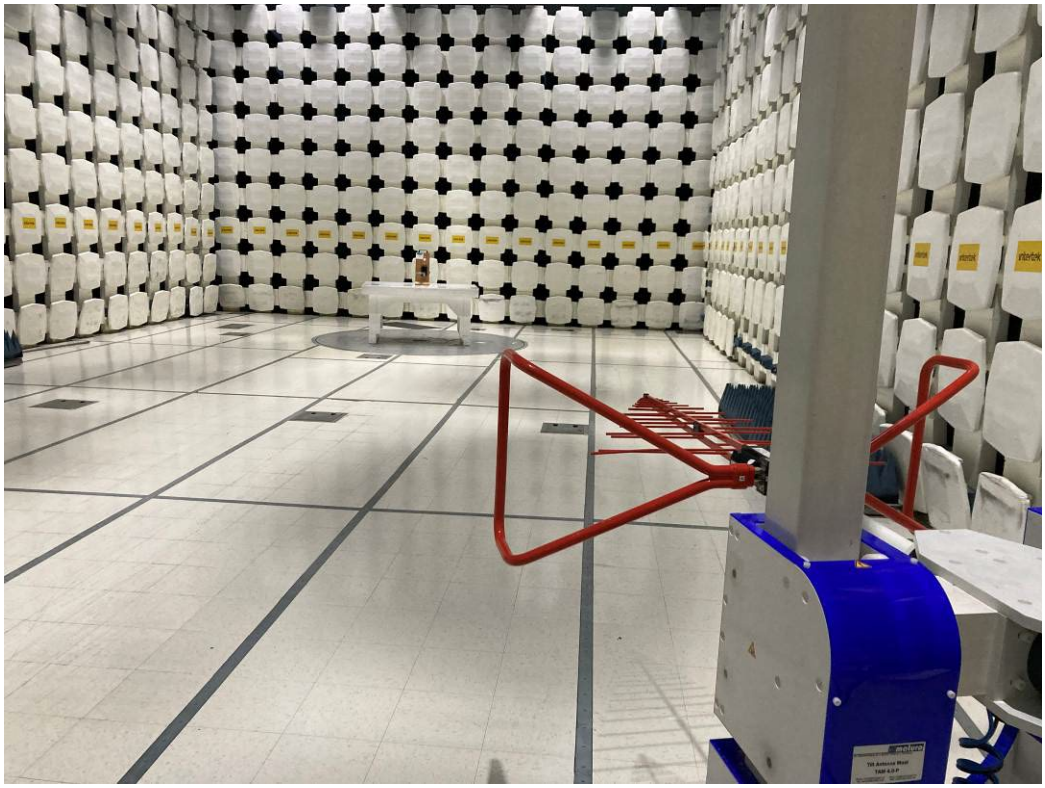
## 11.4 Results:

The sample tested was found to Comply.

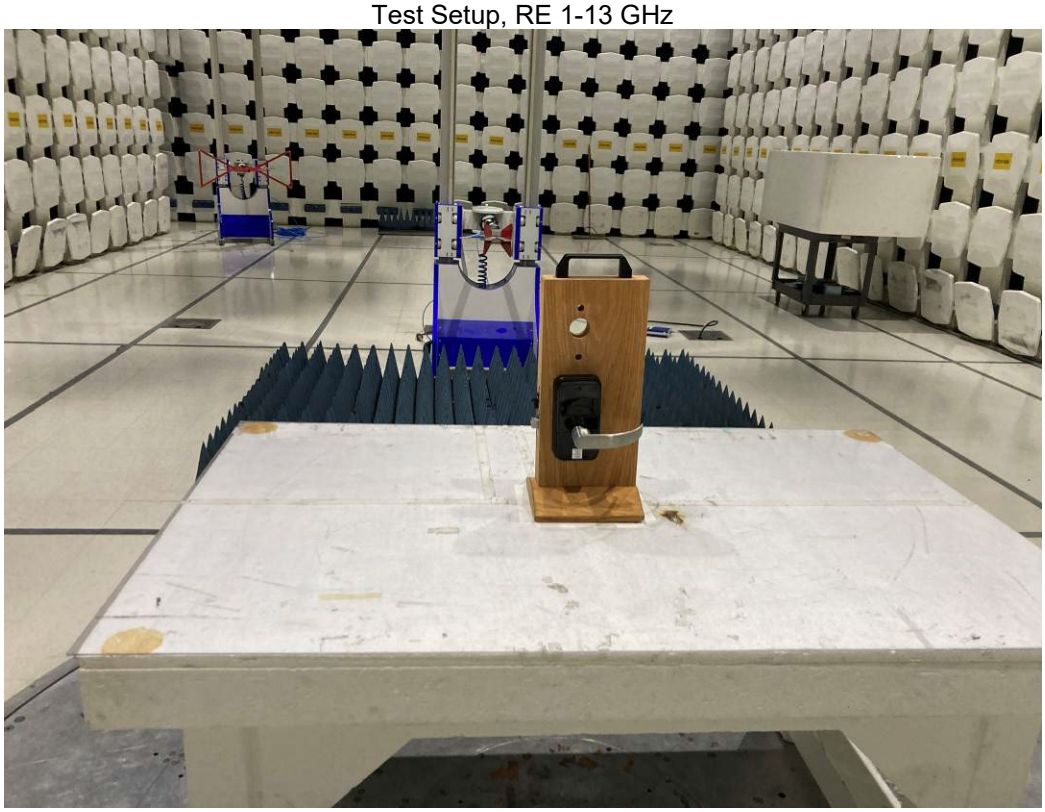
### 11.5 Setup Photographs:

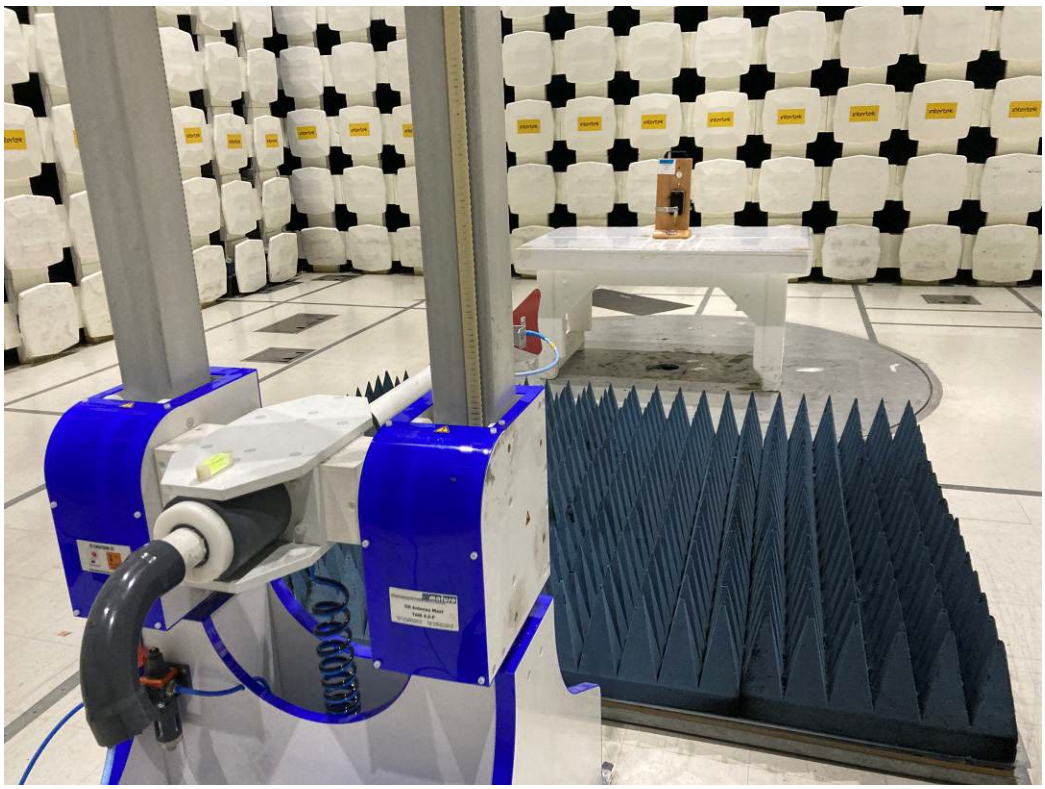
Test Setup, RE 30-1000 MHz





Test Setup, RE 1-13 GHz





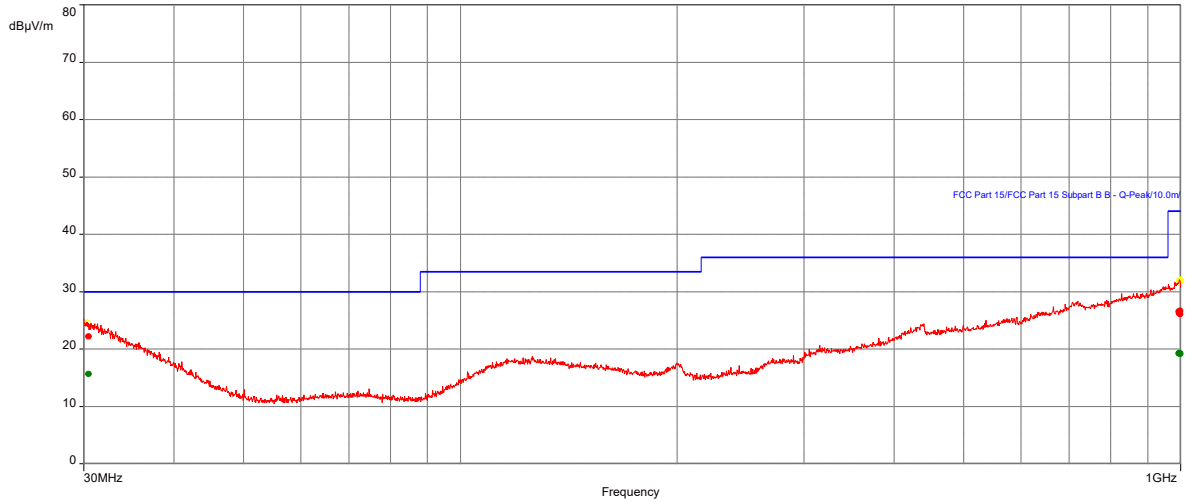
## 11.6 Plots/Data:

LNK100 SAB – BLE (Rx mode), RE 30 -1000 MHz

**Test Information:**

| | |
|---|---|
| Date and Time | 6/3/2026 6:35:17 PM |
| Client and Project Number | Assa Abloy |
| Engineer | Kouma Sinn |
| Temperature | 23 deg C |
| Humidity | 41 % |
| Atmospheric Pressure | 1013 mbars |
| Comments | Scan 41_LNK100 SAB, BLE (Rx mode), RE 30 -1000MHz |

**Graph:**




**Results:**

Peak (PASS) (6)

| Frequency (MHz) | Level (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Azimuth (°) | Height (m) | Pol. | RBW | Meas.Time (s) | Correction (dB) |
|---|---|---|---|---|---|---|---|---|---|
| 30.487 | 22.20 NF | No limit | N/A | 146.40 | 2.78 | Horizontal | 120k | 5.00 | -12.77 |
| 994.7966 | 26.51 NF | No limit | N/A | 360.00 | 2.54 | Vertical | 120k | 5.00 | -4.22 |
| 995.4768 | 26.26 NF | No limit | N/A | 0.00 | 4.00 | Vertical | 120k | 5.00 | -4.19 |
| 997.6145 | 26.36 NF | No limit | N/A | 211.00 | 3.69 | Vertical | 120k | 5.00 | -4.18 |
| 998.4418 | 26.71 NF | No limit | N/A | 194.50 | 4.00 | Vertical | 120k | 5.00 | -4.17 |
| 999.187 | 26.11 NF | No limit | N/A | 243.30 | 3.03 | Horizontal | 120k | 5.00 | -4.17 |

QuasiPeak (PASS) (6)

| Frequency (MHz) | Level (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Azimuth (°) | Height (m) | Pol. | RBW | Meas.Time (s) | Correction (dB) |
|---|---|---|---|---|---|---|---|---|---|
| 30.487 | 15.67 NF | 30.00 | -14.33 | 146.40 | 2.78 | Horizontal | 120k | 5.00 | -12.77 |
| 994.7966 | 19.26 NF | 43.48 | -24.22 | 360.00 | 2.54 | Vertical | 120k | 5.00 | -4.22 |
| 995.4768 | 19.30 NF | 43.48 | -24.18 | 0.00 | 4.00 | Vertical | 120k | 5.00 | -4.19 |
| 997.6145 | 19.24 NF | 43.48 | -24.24 | 211.00 | 3.69 | Vertical | 120k | 5.00 | -4.18 |
| 998.4418 | 19.21 NF | 43.48 | -24.27 | 194.50 | 4.00 | Vertical | 120k | 5.00 | -4.17 |
| 999.187 | 19.20 NF | 43.48 | -24.28 | 243.30 | 3.03 | Horizontal | 120k | 5.00 | -4.17 |

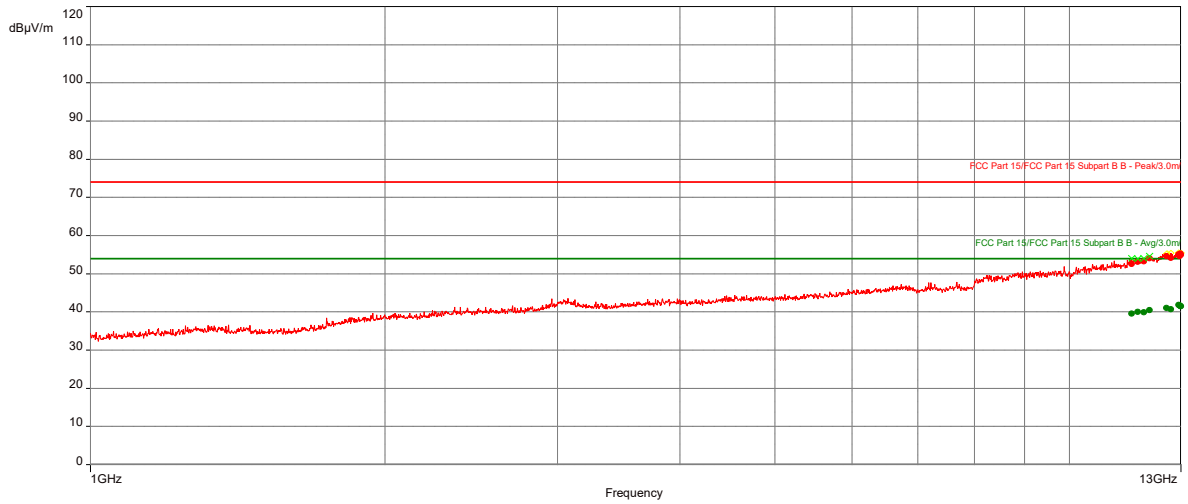
NF = Noise Floor signals

LNK100 SAB – BLE (Rx mode), RE 1-13 GHz

**Test Information:**

| | |
|---|---|
| Date and Time | 6/3/2026 5:27:36 PM |
| Client and Project Number | Assa Abloy |
| Engineer | Vathana Ven |
| Temperature | 23 deg C |
| Humidity | 41 % |
| Atmospheric Pressure | 1013 mbars |
| Comments | Scan 40_LNK100 SAB, BLE (Rx mode), RE 1-13GHz |

**Graph:**




**Results:**

Peak (PASS) (10)

| Frequency (MHz) | Level (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Azimuth (°) | Height (m) | Pol. | RBW | Meas.Time (s) | Correction (dB) |
|---|---|---|---|---|---|---|---|---|---|
| 11577.227 | 52.59 NF | 74.00 | -21.41 | 0.00 | 4.00 | Vertical | 1M | 5.00 | 10.33 |
| 11741.072 | 53.15 NF | 74.00 | -20.85 | 360.00 | 3.94 | Vertical | 1M | 5.00 | 10.85 |
| 11920.108 | 53.23 NF | 74.00 | -20.77 | 360.00 | 3.94 | Vertical | 1M | 5.00 | 11.09 |
| 12075.51 | 54.13 NF | 74.00 | -19.87 | 360.00 | 3.94 | Vertical | 1M | 5.00 | 11.42 |
| 12571.861 | 54.60 NF | 74.00 | -19.4 | 0.00 | 3.93 | Horizontal | 1M | 5.00 | 12.75 |
| 12693.336 | 54.19 NF | 74.00 | -19.81 | 360.00 | 3.94 | Vertical | 1M | 5.00 | 13.17 |
| 12940.497 | 55.14 NF | 74.00 | -18.86 | 212.60 | 1.00 | Vertical | 1M | 5.00 | 13.89 |
| 12961.793 | 54.67 NF | 74.00 | -19.33 | 212.50 | 4.00 | Vertical | 1M | 5.00 | 13.92 |
| 12993.347 | 55.33 NF | 74.00 | -18.67 | 212.70 | 4.00 | Horizontal | 1M | 5.00 | 13.96 |
| 12995.28 | 54.94 NF | 74.00 | -19.06 | 0.00 | 4.00 | Horizontal | 1M | 5.00 | 13.96 |

AVG (PASS) (10)

| Frequency (MHz) | Level (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Azimuth (°) | Height (m) | Pol. | RBW | Meas.Time (s) | Correction (dB) |
|---|---|---|---|---|---|---|---|---|---|
| 11577.227 | 39.63 NF | 54.00 | -14.37 | 0.00 | 4.00 | Vertical | 1M | 5.00 | 10.33 |
| 11741.072 | 40.06 NF | 54.00 | -13.94 | 360.00 | 3.94 | Vertical | 1M | 5.00 | 10.85 |
| 11920.108 | 39.94 NF | 54.00 | -14.06 | 360.00 | 3.94 | Vertical | 1M | 5.00 | 11.09 |
| 12075.51 | 40.48 NF | 54.00 | -13.52 | 360.00 | 3.94 | Vertical | 1M | 5.00 | 11.42 |
| 12571.861 | 41.07 NF | 54.00 | -12.93 | 0.00 | 3.93 | Horizontal | 1M | 5.00 | 12.75 |
| 12693.336 | 40.75 NF | 54.00 | -13.25 | 360.00 | 3.94 | Vertical | 1M | 5.00 | 13.17 |
| 12940.497 | 41.84 NF | 54.00 | -12.16 | 212.60 | 1.00 | Vertical | 1M | 5.00 | 13.89 |
| 12961.793 | 41.78 NF | 54.00 | -12.22 | 212.50 | 4.00 | Vertical | 1M | 5.00 | 13.92 |
| 12993.347 | 41.58 NF | 54.00 | -12.42 | 212.70 | 4.00 | Horizontal | 1M | 5.00 | 13.96 |
| 12995.28 | 41.57 NF | 54.00 | -12.43 | 0.00 | 4.00 | Horizontal | 1M | 5.00 | 13.96 |

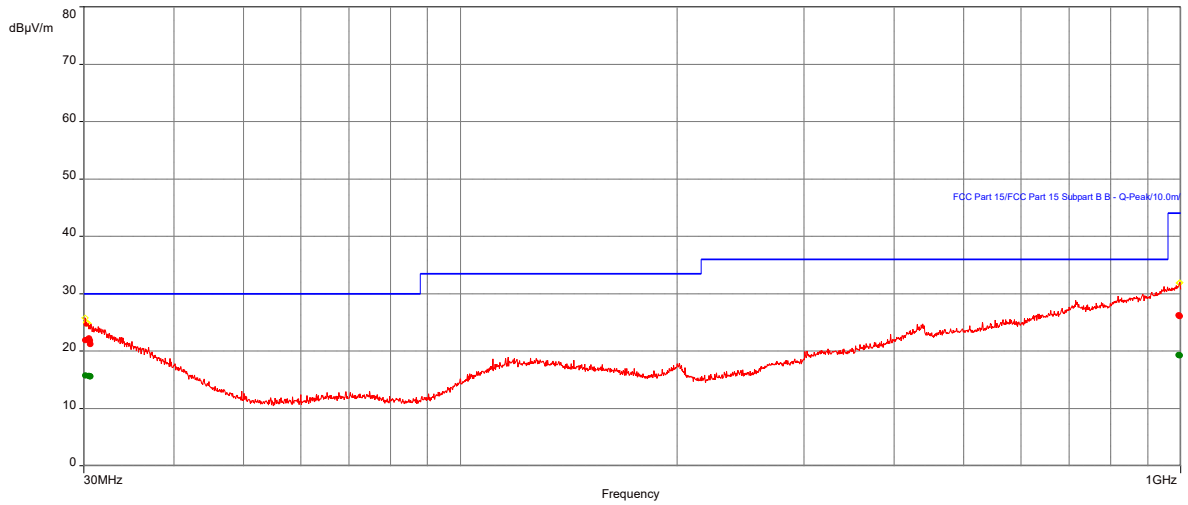
NF = Noise Floor signals

LNK100 SAB – Zigbee (Rx mode), RE 30 -1000 MHz

**Test Information**:

| | |
|---|---|
| Date and Time | 6/3/2026 9:05:09 PM |
| Client and Project Number | Assa Abloy |
| Engineer | Kouma Sinn |
| Temperature | 23 deg C |
| Humidity | 41 % |
| Atmospheric Pressure | 1013 mbars |
| Comments | Scan 45_LNK100 SAB, Zigbee (Rx mode), RE 30 -1000MHz |

**Graph**:




**Results:**

Peak (PASS) (6)

| Frequency (MHz) | Level (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Azimuth (°) | Height (m) | Pol. | RB W | Meas.Time (s) | Correction (dB) |
|---|---|---|---|---|---|---|---|---|---|
| 30.1638 | 21.94 NF | No limit | N/A | 339.50 | 4.00 | Vertical | 120k | 5.00 | -12.58 |
| 30.505 | 22.24 NF | No limit | N/A | 11.90 | 1.63 | Vertical | 120k | 5.00 | -12.78 |
| 30.5996 | 21.81 NF | No limit | N/A | 12.00 | 2.06 | Horizontal | 120k | 5.00 | -12.84 |
| 30.6247 | 21.20 NF | No limit | N/A | 11.90 | 1.27 | Horizontal | 120k | 5.00 | -12.85 |
| 994.9885 | 26.26 NF | No limit | N/A | 156.70 | 3.27 | Horizontal | 120k | 5.00 | -4.20 |
| 996.9299 | 26.12 NF | No limit | N/A | 211.00 | 3.03 | Horizontal | 120k | 5.00 | -4.18 |

QuasiPeak (PASS) (6)

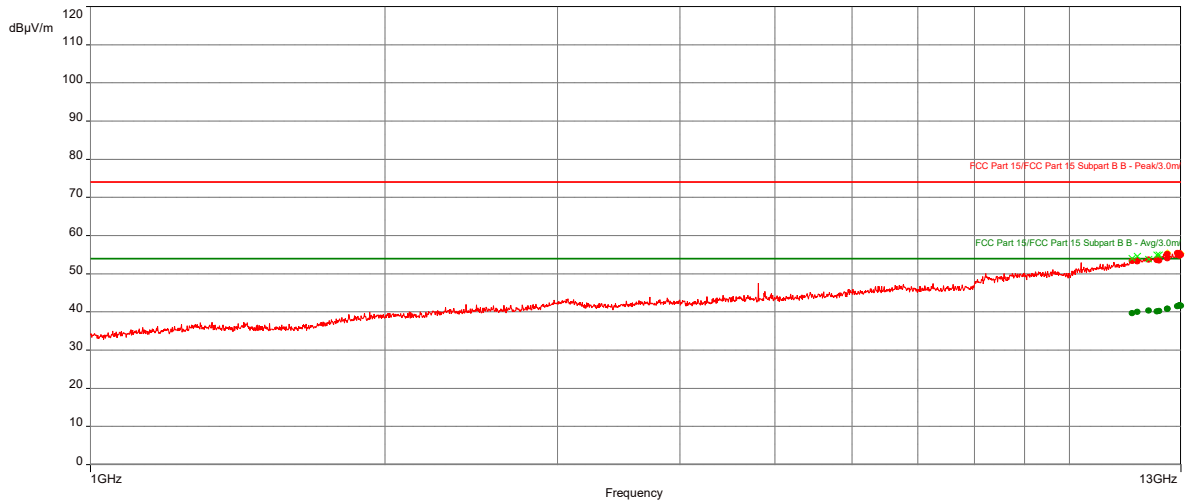
| Frequency (MHz) | Level (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Azimuth (°) | Height (m) | Pol. | RB W | Meas.Time (s) | Correction (dB) |
|---|---|---|---|---|---|---|---|---|---|
| 30.1638 | 15.76 NF | 30.00 | -14.24 | 339.50 | 4.00 | Vertical | 120k | 5.00 | -12.58 |
| 30.505 | 15.64 NF | 30.00 | -14.36 | 11.90 | 1.63 | Vertical | 120k | 5.00 | -12.78 |
| 30.5996 | 15.59 NF | 30.00 | -14.41 | 12.00 | 2.06 | Horizontal | 120k | 5.00 | -12.84 |
| 30.6247 | 15.61 NF | 30.00 | -14.39 | 11.90 | 1.27 | Horizontal | 120k | 5.00 | -12.85 |
| 994.9885 | 19.32 NF | 44.00 | -24.68 | 156.70 | 3.27 | Horizontal | 120k | 5.00 | -4.20 |
| 996.9299 | 19.28 NF | 44.00 | -24.72 | 211.00 | 3.03 | Horizontal | 120k | 5.00 | -4.18 |

LNK100 SAB, Zigbee (Rx mode), RE 1-13 GHz

**Test Information:**

| | |
|---|---|
| Date and Time | 6/3/2026 4:12:10 PM |
| Client and Project Number | Assa Abloy |
| Engineer | Vathana Ven |
| Temperature | 23 deg C |
| Humidity | 41 % |
| Atmospheric Pressure | 1013 mbars |
| Comments | Scan 39_LNK100 SAB, Zigbee (Rx mode), RE 1-13GHz |

**Graph:**




**Results:**

Peak (PASS) (11)

| Frequency (MHz) | Level (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Azimuth (°) | Height (m) | Pol. | RBW | Meas.Time | Correction (dB) |
|---|---|---|---|---|---|---|---|---|---|
| 11588.311 | 53.40 NF | 74.00 | -20.6 | 360.00 | 4.00 | Horizontal | 1M | 0.00 | 10.37 |
| 11738.113 | 53.25 NF | 74.00 | -20.75 | 0.00 | 4.00 | Vertical | 1M | 0.00 | 10.84 |
| 12046.125 | 53.74 NF | 74.00 | -20.26 | 212.50 | 4.00 | Vertical | 1M | 0.00 | 11.34 |
| 12284.923 | 53.66 NF | 74.00 | -20.34 | 0.00 | 1.00 | Vertical | 1M | 0.00 | 11.87 |
| 12347.667 | 53.48 NF | 74.00 | -20.52 | 360.00 | 4.00 | Vertical | 1M | 0.00 | 12.05 |
| 12593.957 | 55.27 NF | 74.00 | -18.73 | 212.00 | 1.00 | Horizontal | 1M | 0.00 | 12.81 |
| 12595.793 | 54.03 NF | 74.00 | -19.97 | 360.00 | 3.94 | Horizontal | 1M | 0.00 | 12.81 |
| 12900.331 | 55.45 NF | 74.00 | -18.55 | 360.00 | 1.00 | Horizontal | 1M | 0.00 | 13.79 |
| 12956.333 | 54.78 NF | 74.00 | -19.22 | 0.00 | 4.00 | Horizontal | 1M | 0.00 | 13.92 |
| 12964.765 | 55.44 NF | 74.00 | -18.56 | 212.60 | 4.00 | Horizontal | 1M | 0.00 | 13.93 |
| 12995.58 | 54.99 NF | 74.00 | -19.01 | 0.00 | 1.00 | Horizontal | 1M | 0.00 | 13.96 |

AVG (PASS) (11)

| Frequency (MHz) | Level (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Azimuth (°) | Height (m) | Pol. | RBW | Meas.Time | Correction (dB) |
|---|---|---|---|---|---|---|---|---|---|
| 11588.311 | 39.75 NF | 54.00 | -14.25 | 360.00 | 4.00 | Horizontal | 1M | 0.00 | 10.37 |
| 11738.113 | 40.05 NF | 54.00 | -13.95 | 0.00 | 4.00 | Vertical | 1M | 0.00 | 10.84 |
| 12046.125 | 40.40 NF | 54.00 | -13.60 | 212.50 | 4.00 | Vertical | 1M | 0.00 | 11.34 |
| 12284.923 | 40.14 NF | 54.00 | -13.86 | 0.00 | 1.00 | Vertical | 1M | 0.00 | 11.87 |
| 12347.667 | 40.29 NF | 54.00 | -13.71 | 360.00 | 4.00 | Vertical | 1M | 0.00 | 12.05 |
| 12593.957 | 40.84 NF | 54.00 | -13.16 | 212.00 | 1.00 | Horizontal | 1M | 0.00 | 12.81 |
| 12595.793 | 40.88 NF | 54.00 | -13.12 | 360.00 | 3.94 | Horizontal | 1M | 0.00 | 12.81 |
| 12900.331 | 41.52 NF | 54.00 | -12.48 | 360.00 | 1.00 | Horizontal | 1M | 0.00 | 13.79 |
| 12956.333 | 41.78 NF | 54.00 | -12.22 | 0.00 | 4.00 | Horizontal | 1M | 0.00 | 13.92 |
| 12964.765 | 41.73 NF | 54.00 | -12.27 | 212.60 | 4.00 | Horizontal | 1M | 0.00 | 13.93 |
| 12995.58 | 41.59 NF | 54.00 | -12.41 | 0.00 | 1.00 | Horizontal | 1M | 0.00 | 13.96 |

NF = Noise Floor signals

| Product Standard: FCC 47CFR15 Part 15 Subpart B, ISED ICES-003 | | | | Limit applied: See Report Section 11.2 | | | |
|---|---|---|---|---|---|---|---|
| Test Date | Test Personnel/ Initials | Supervising Engineer/ Initials | Input Voltage | Mode | Atmospheric Data | | |
| | | | | | Temp C° | Relative Humidity % | Atmospheric Pressure mbar |
| 06/03/2026 (1st Shift) | Kouma Sinn KPS | Vathana Ven VSV | Internal battery | Receive | 23 | 41 | 1013 |
| 06/03/2026 (2nd Shift) | Vathana Ven VSV | Kouma Sinn KPS | Internal battery | Receive | 23 | 41 | 1013 |

Deviations, Additions, or Exclusions: None

## 12 Revision History

| Revision Level | Date | Report Number | Prepared By | Reviewed By | Notes |
|---|---|---|---|---|---|
| 0 | 08/02/2026 | 106550096BOX-018 | KPS | VFV | Original Issue |
| 1 | 08/18/2026 | 106550096BOX-018.1 | KPS | VFV | See Note # 1 |
| 2 | 08/31/2026 | 106550096BOX-018.2 | KPS | VFV | See Note # 2 |
| | | | | | |
| | | | | | |
| | | | | | |

Note # 1:
a) Added ISED CAB ID: US0091 in Intertek address on Page 2.
b) Added HVIN and PMNs in EUT table on Page 5.
c) Updated Zigbee maximum output power on Pages 7 and 15 with new fundamental field strength plots with Resolution Bandwidth used greater than DTS bandwidth on Pages 28-30.
d) Added ANSI C63.10-2020/Cor1-2023 on Page 8.
e) Indicated noise floor signals in all data tables.

Note # 2:
Section 6.6 – Deleted "EIRP" column for LINK100 CRB, LINK100 CRM, LINK100 SAM since field strength measurement with a 1 MHz RBW cannot be called an EIRP value without a sufficient RBW.