

---

## TEST REPORT

---

|                       |                                                                              |
|-----------------------|------------------------------------------------------------------------------|
| <b>Report Number</b>  | BWTR-2141-NABLE                                                              |
| <b>FCC ID</b>         | 2AILI-SDFV12101                                                              |
| <b>IC</b>             | 27697-SDFV12101                                                              |
| <b>Applicant</b>      | SWISSDIGITAL (ASIA) CO., LIMITED                                             |
| <b>Product Name</b>   | FMN Finder                                                                   |
| <b>Marketing Name</b> | N/A                                                                          |
| <b>Brand Name</b>     | SWISSDIGITAL DESIGN                                                          |
| <b>Model Name</b>     | SWISSDIGITAL DESIGN 1                                                        |
| <b>Serial Number</b>  | No.1: SD0142100000006<br>No.2: SD0142100000009                               |
| <b>Test Standard</b>  | FCC 47 CFR Part 15 Subpart C<br>ISED RSS-247 Issue 2<br>ISED RSS-Gen Issue 5 |
| <b>Tested Date</b>    | Oct. 27, 2021 ~ Nov. 10, 2021                                                |

## CONTENTS

|                                                               |           |
|---------------------------------------------------------------|-----------|
| <b>1 Summary of Test Result</b>                               | <b>4</b>  |
| <b>2 General Information</b>                                  | <b>5</b>  |
| 2.1 Applicant                                                 | 5         |
| 2.2 Manufacturer                                              | 5         |
| 2.3 Product Feature of Equipment Under Test                   | 5         |
| 2.4 Ancillary Equipment                                       | 5         |
| 2.5 Description of Test Modes                                 | 6         |
| 2.6 Duty Cycle of Test Signal                                 | 6         |
| 2.7 Applicable Standards                                      | 7         |
| 2.8 Test Facilities                                           | 7         |
| <b>3 Test Result</b>                                          | <b>8</b>  |
| 3.1 6dB Bandwidth & 99% Occupied Bandwidth                    | 8         |
| 3.2 Output Power                                              | 16        |
| 3.3 Power Spectral Density                                    | 17        |
| 3.4 Conducted Out of Band Emission                            | 21        |
| 3.5 Authorized-band Band-edge                                 | 32        |
| 3.6 Spurious Radiated Emissions and Restricted-band Band-edge | 35        |
| 3.7 AC Power Line Conducted Emission                          | 48        |
| <b>4 Test Instruments</b>                                     | <b>50</b> |

## Revision History

| Revision | Description             | Issued Date |
|----------|-------------------------|-------------|
| A        | Initial issue of report | 2021/12/09  |
|          |                         |             |

## 1 Summary of Test Result

| Report Section | FCC Section               | ISED Section                         | Description                                                     | Result              |
|----------------|---------------------------|--------------------------------------|-----------------------------------------------------------------|---------------------|
| 3.1            | 15.247 (a)(2)             | RSS-247 5.2 (a)<br>&<br>RSS-Gen 6.7  | 6dB Bandwidth<br>&<br>99% Occupied Bandwidth                    | Pass                |
| 3.2            | 15.247 (b)(3)             | RSS-247 5.4 (d)                      | Output Power                                                    | Pass                |
| 3.3            | 15.247 (e)                | RSS-247 5.2 (b)                      | Power Spectral Density                                          | Pass                |
| 3.4            | 15.247 (d)                | RSS-247 5.5                          | Conducted Out of Band Emission                                  | Pass                |
| 3.5            | 15.247 (d)                | RSS-247 5.5                          | Authorized-band Band-edge                                       | Pass                |
| 3.6            | 15.247(d)/15.35(b)/15.209 | RSS-247 5.5<br>&<br>RSS-Gen 8.9/8.10 | Spurious Radiated Emissions<br>and<br>Restricted-band Band-edge | Pass                |
| 3.7            | 15.207                    | RSS-Gen 8.8                          | AC Power Line Conducted Emission                                | N/A <sup>Note</sup> |
| 2.3            | 15.203                    | RSS-Gen 6.8                          | Antenna Requirement                                             | Pass                |

Note: The test was not performed since the EUT is only powered by the button battery.

We, Beijing Boomwave Test Service Co. Ltd., would like to declare that the tested sample has been evaluated and in compliance with the requirements of applicable standards.

|              |                                                                                                                          |
|--------------|--------------------------------------------------------------------------------------------------------------------------|
| Prepared by: | <br>2021.12.09<br>14:07:10<br>+08'00' |
| Reviewed by: | <br>2021.12.09<br>16:04:02 +08'00'    |
| Approved by: | <br>2021.12.09<br>16:04:22 +08'00'    |

### Rationale:

The test results in this report apply exclusively to the tested model / sample.

The electrical copy of test report is invalid without the signatures. The hard copy is invalid without seal.

The test report shall not be modified, republished or copied without the written authorization of the laboratory.

## 2 General Information

### 2.1 Applicant

SWISSDIGITAL (ASIA) CO., LIMITED  
FLAT/RM 1505B 15/F FORTRESS TOWER, 250 KING'S ROAD, NORTH POINT, Hong Kong, P.R. China

### 2.2 Manufacturer

SWISSDIGITAL DESIGN  
Chengnan Industrial Zone, Hui'an County, Quanzhou City, Fujian Province, P.R.China

### 2.3 Product Feature of Equipment Under Test

|                                      |                       |
|--------------------------------------|-----------------------|
| <b>Product Name</b>                  | FMN Finder            |
| <b>Marketing Name</b>                | N/A                   |
| <b>Model Name</b>                    | SWISSDIGITAL DESIGN 1 |
| <b>Sample Status</b>                 | Prototype             |
| <b>Operating Frequency Range</b>     | 2402MHz ~ 2480MHz     |
| <b>Type of Wireless Technology</b>   | Bluetooth V5.2 LE     |
| <b>Modulation Type and Data Rate</b> | GFSK: 1Mbps / 2Mbps   |
| <b>Number of Channels</b>            | 40                    |
| <b>Nominal Channel Bandwidth</b>     | 2MHz                  |
| <b>Number of Antenna</b>             | 1                     |
| <b>Antenna Type</b>                  | PCB                   |
| <b>Antenna Gain</b>                  | 3.7dBi                |
| <b>Hardware Version</b>              | EH-MY01-LogoT_V1.3    |
| <b>Software Version</b>              | V1.0.0                |
| <b>Power Supply Rating</b>           | DC 3.3V               |
| <b>Sample Received Date</b>          | 2021/10/26            |

Note: 1) The EUT is designed based on SIG specification. It has a full support to Medium Access Protocol and full compliant with KDB558074 requirements.

2) According to the declaration of applicant, the EUT has various appearance due to its marketing requirement. And the materials for these differences are all the same plastic. Since this case will not affect any wireless performance, all tests of this report were performed with only one appearance of EUT.

### 2.4 Ancillary Equipment

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following ancillary equipment were used to form a representative test configuration during the tests.

|                      |                        |
|----------------------|------------------------|
| <b>Support Unit</b>  | Engineering Controller |
| <b>Manufacturer</b>  | Telink                 |
| <b>Model Name</b>    | Burning evk            |
| <b>Serial Number</b> | ---                    |

|                      |               |
|----------------------|---------------|
| <b>Support Unit</b>  | Laptop        |
| <b>Manufacturer</b>  | Lenovo        |
| <b>Model Name</b>    | ThinkPad E480 |
| <b>Serial Number</b> | PF-1E0EL9     |

## 2.5 Description of Test Modes

40 channels are provided to this EUT:

| Channel | Frequency (MHz) | Channel | Frequency (MHz) | Channel | Frequency (MHz) | Channel | Frequency (MHz) |
|---------|-----------------|---------|-----------------|---------|-----------------|---------|-----------------|
| 0       | 2402            | 10      | 2422            | 20      | 2442            | 30      | 2462            |
| 1       | 2404            | 11      | 2424            | 21      | 2444            | 31      | 2464            |
| 2       | 2406            | 12      | 2426            | 22      | 2446            | 32      | 2466            |
| 3       | 2408            | 13      | 2428            | 23      | 2448            | 33      | 2468            |
| 4       | 2410            | 14      | 2430            | 24      | 2450            | 34      | 2470            |
| 5       | 2412            | 15      | 2432            | 25      | 2452            | 35      | 2472            |
| 6       | 2414            | 16      | 2434            | 26      | 2454            | 36      | 2474            |
| 7       | 2416            | 17      | 2436            | 27      | 2456            | 37      | 2476            |
| 8       | 2418            | 18      | 2438            | 28      | 2458            | 38      | 2478            |
| 9       | 2420            | 19      | 2440            | 29      | 2460            | 39      | 2480            |

The EUT was linked by Bluetooth simulator or controlled by engineering test software to work in continuous transmitting and receiving mode. Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates and antenna ports.

Following channels were selected for test:

| Channel    | No. | Frequency (MHz) |
|------------|-----|-----------------|
| CH Lowest  | 0   | 2402            |
| CH Middle  | 19  | 2440            |
| CH Highest | 39  | 2480            |

## 2.6 Duty Cycle of Test Signal

| Modulation Type  | Duty Cycle |
|------------------|------------|
| GFSK (BLE 1Mbps) | 100.00%    |
| GFSK (BLE 2Mbps) | 100.00%    |

## 2.7 Applicable Standards

| Standard                     | Version | Title                                                                                                                                                                                    |
|------------------------------|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| FCC 47 CFR Part 15 Subpart C | 2020    | Requirements for Intentional Radiators                                                                                                                                                   |
| ISED RSS-247                 | Issue 2 | Digital Transmission Systems (DTSs), Frequency Hopping Systems (FHSs) and Licence-Exempt Local Area Network (LE-LAN) Devices                                                             |
| ISED RSS-Gen                 | Issue 5 | General Requirements for Compliance of Radio Apparatus                                                                                                                                   |
| FCC KDB 558074 D01           | v05r02  | Guidance for compliance measurements on Digital Transmission System, Frequency Hopping Spread Spectrum System, and Hybrid System Devices operating under Section 15.247 of the FCC rules |
| ANSI C63.10                  | 2013    | American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices - Electromagnetic Compatibility                                                           |

## 2.8 Test Facilities

Company Name: Beijing Boomwave Test Service Co. Ltd

Address: EMC Building, No.1 Wang Jing East Road, Chao Yang District Beijing, P.R. China 100102

FCC Test Firm Registration Number: 613197

ISED Canada Registration No.: 24289 (CAB Identifier: CN0010)

VCCI Registration No.: R-20062, G-20063, C-20050, T-20049

| Test Site                                | Description                 | Dimension         | Ground Plane Size |
|------------------------------------------|-----------------------------|-------------------|-------------------|
| <input type="checkbox"/> SAC10           | 10m semi-anechoic chamber   | 19.5m×12.9m×8.6m  | 4m×4m             |
| <input checked="" type="checkbox"/> SAC3 | 3m semi-anechoic chamber    | 9.6m×6.4m×6.0m    | ---               |
| <input type="checkbox"/> SR#1            | Shielding Room for EMS test | 8.1m×4.05m×2.755m | 8.1m×4.05m        |
| <input checked="" type="checkbox"/> SR#2 | Shielding Room for RF test  | 8.1m×4.05m×2.755m | ---               |

### 3 Test Result

#### 3.1 6dB Bandwidth & 99% Occupied Bandwidth

##### 3.1.1. Limit

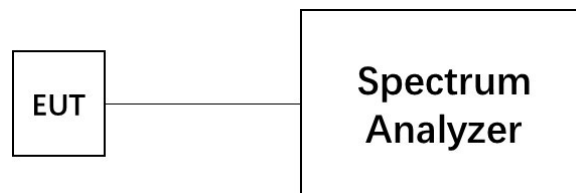
FCC 47 CFR Part 15 Subpart C - §15.247 (a)(2)

ISED RSS-247 - §5.2 (a)

ISED RSS-Gen - §6.7

For systems using digital modulation techniques operating in the 2400-2483.5MHz, the minimum 6dB bandwidth shall be at least 500kHz.

##### 3.1.2. Test Setup



##### 3.1.3. Test Procedures

###### 6dB Bandwidth:

- 1) The measurement procedure follows ANSI C63.10-2013, clause 11.8.1.
- 2) Check the calibration of the measuring instrument using either an internal calibrator or a known signal from an external generator.
- 3) Turn on the EUT and connect it to measurement instrument. Then set it to any one convenient frequency within its operating range.
- 4) Use the following spectrum analyzer settings:
  - a) Set RBW = 100kHz;
  - b) Set VBW  $\geq 3 \times$  RBW;
  - c) Detector = Peak;
  - d) Trace Mode = Max Hold;
  - e) Sweep = Auto Couple;
  - f) Allow the trace to stabilize;
  - g) Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6dB relative to the maximum level measured in the fundamental emission.

###### 99% Occupied Bandwidth:

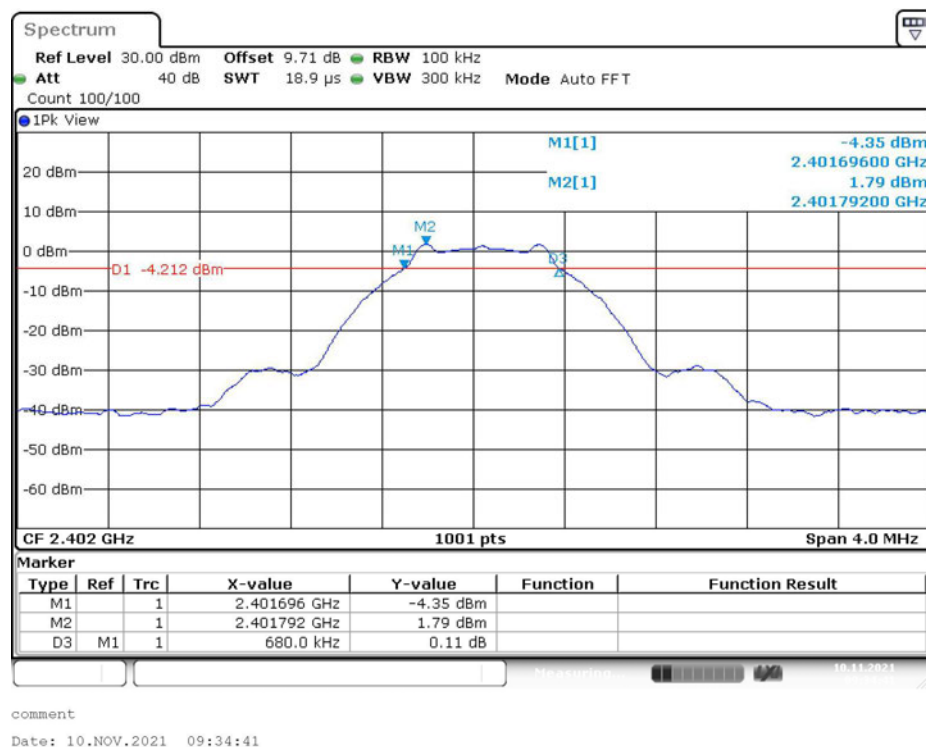
- 1) The measurement procedure follows ANSI C63.10-2013, clause 6.9.3.
- 2) Use the following spectrum analyzer settings:
  - a) Set RBW = 1% to 5% of the Occupied Bandwidth;
  - b) Set VBW  $\geq 3 \times$  RBW;
  - c) Detector = Peak;
  - d) Trace Mode = Max Hold;
  - e) Sweep = Auto Couple;
  - f) Allow the trace to stabilize;
  - g) Use the 99% power bandwidth function and record the measured result.

### 3.1.4. Test Result

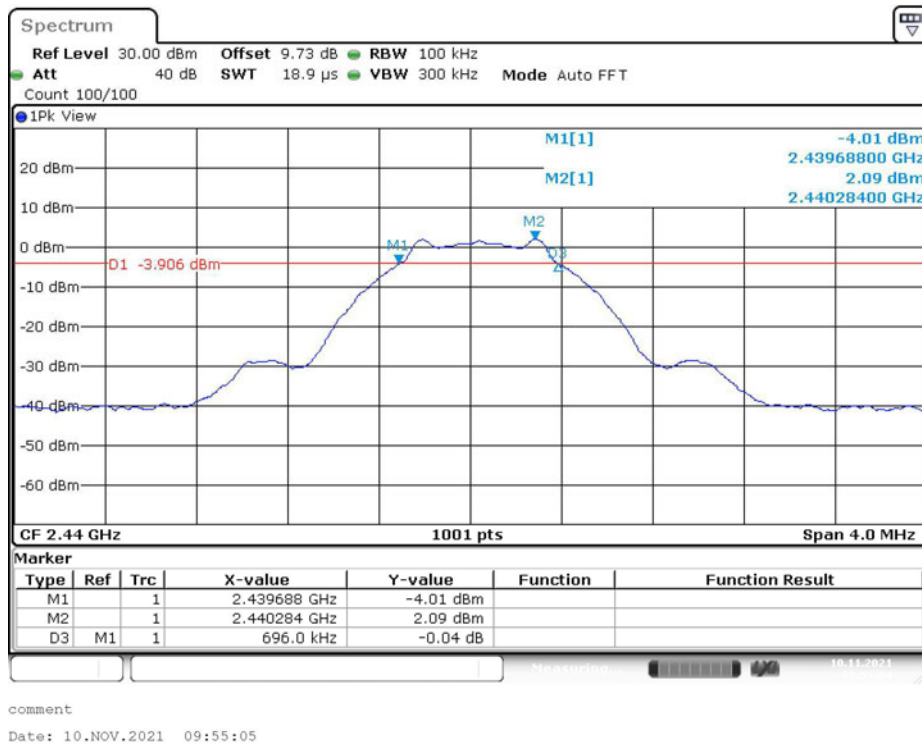
|               |           |                      |            |
|---------------|-----------|----------------------|------------|
| Test Engineer | Xu Dongxu | Test Date            | 2021/11/10 |
| Temperature   | 22.0°C    | Relative Humidity    | 50.0%      |
| Pressure      | 105.6kPa  | Test Sample Selected | No.1       |

| Modulation Type  | Channel            | Frequency (MHz) | 6dB Bandwidth (MHz) | 99% Occupied Bandwidth (MHz) |
|------------------|--------------------|-----------------|---------------------|------------------------------|
| GFSK (BLE 1Mbps) | CH Lowest (No.0)   | 2402            | 0.68                | 1.02                         |
|                  | CH Middle (No.19)  | 2440            | 0.70                | 1.03                         |
|                  | CH Highest (No.39) | 2480            | 0.69                | 1.03                         |
| GFSK (BLE 2Mbps) | CH Lowest (No.0)   | 2402            | 1.40                | 2.04                         |
|                  | CH Middle (No.19)  | 2440            | 1.36                | 2.04                         |
|                  | CH Highest (No.39) | 2480            | 1.40                | 2.05                         |

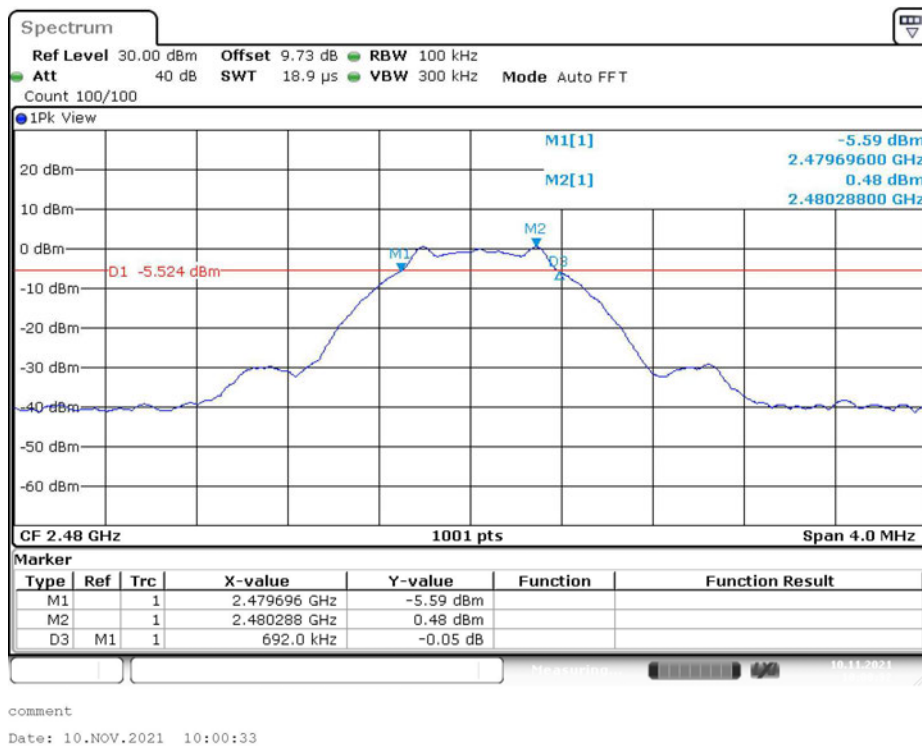
#### 6dB Bandwidth – GFSK (BLE 1Mbps):



CH Lowest (No.0)

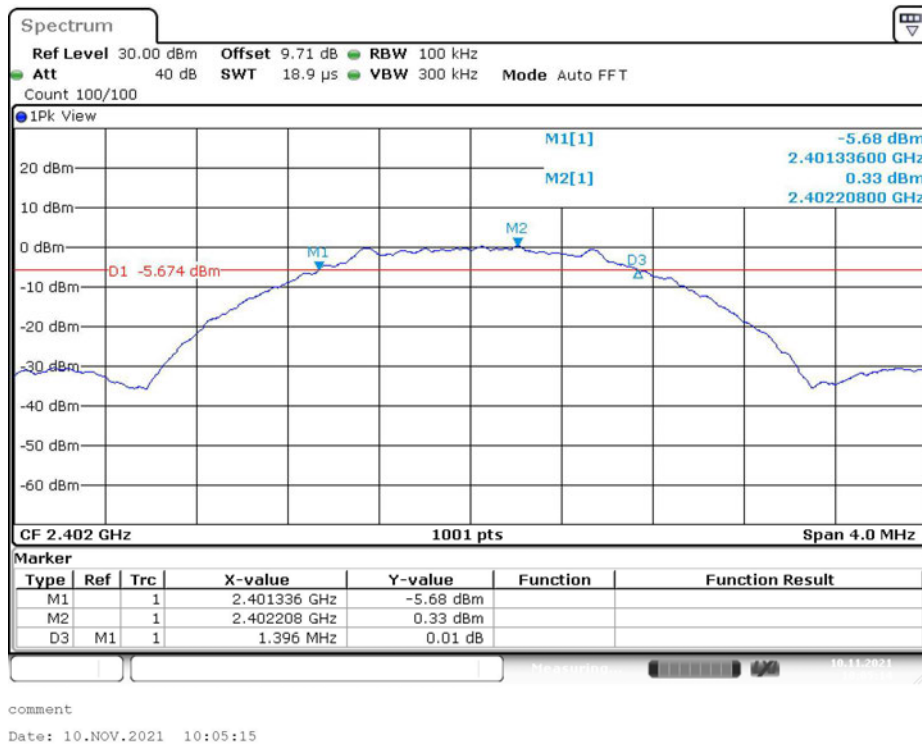


CH Middle (No.19)

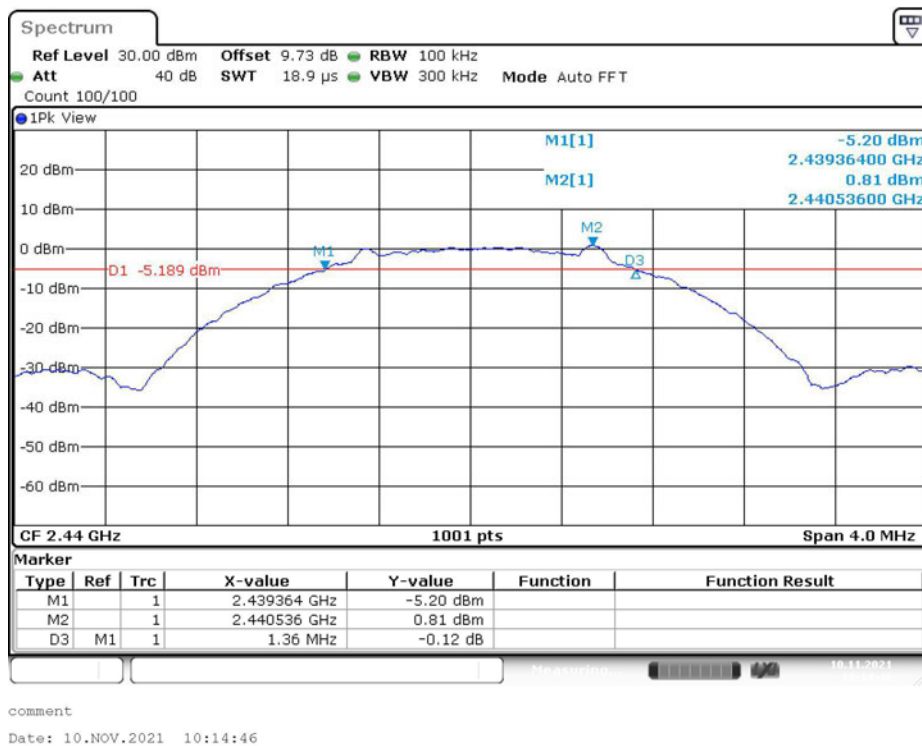


CH Highest (No.39)

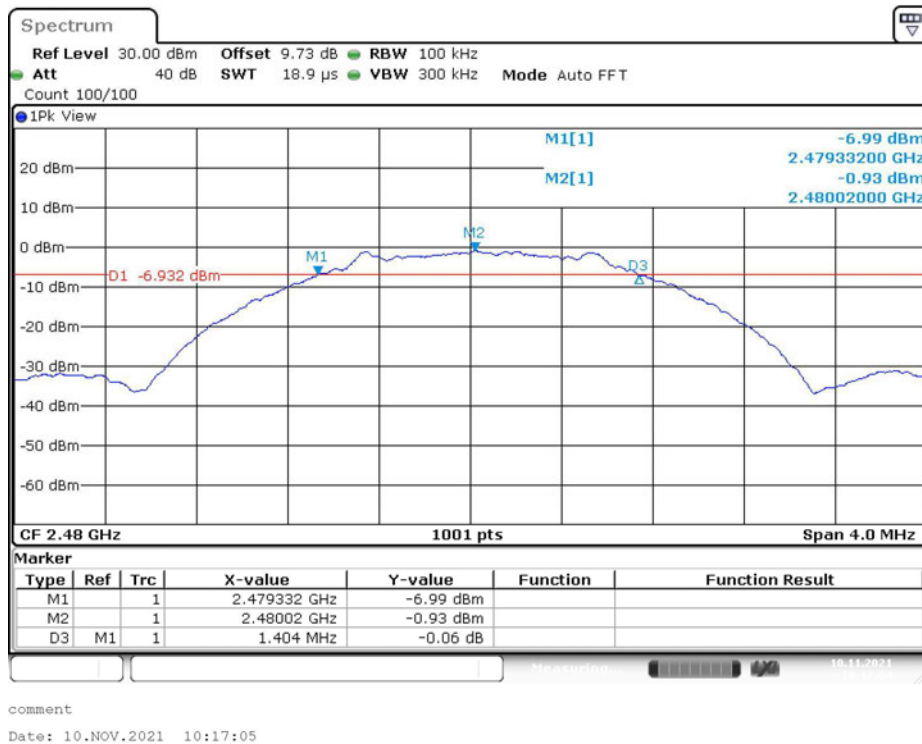
### 6dB Bandwidth – GFSK (BLE 2Mbps):



CH Lowest (No.0)

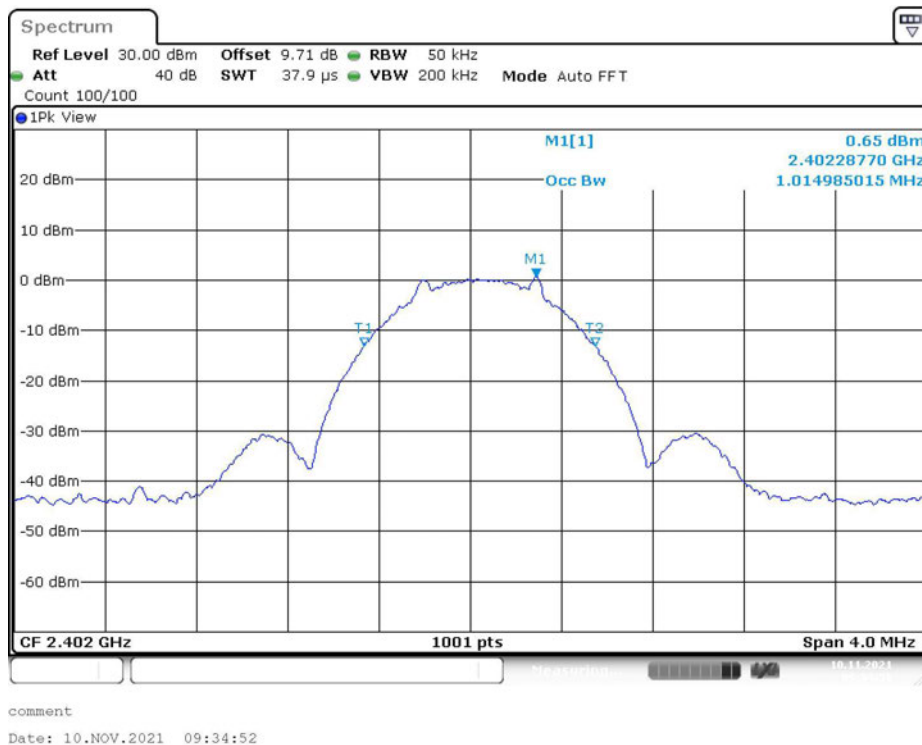


CH Middle (No.19)

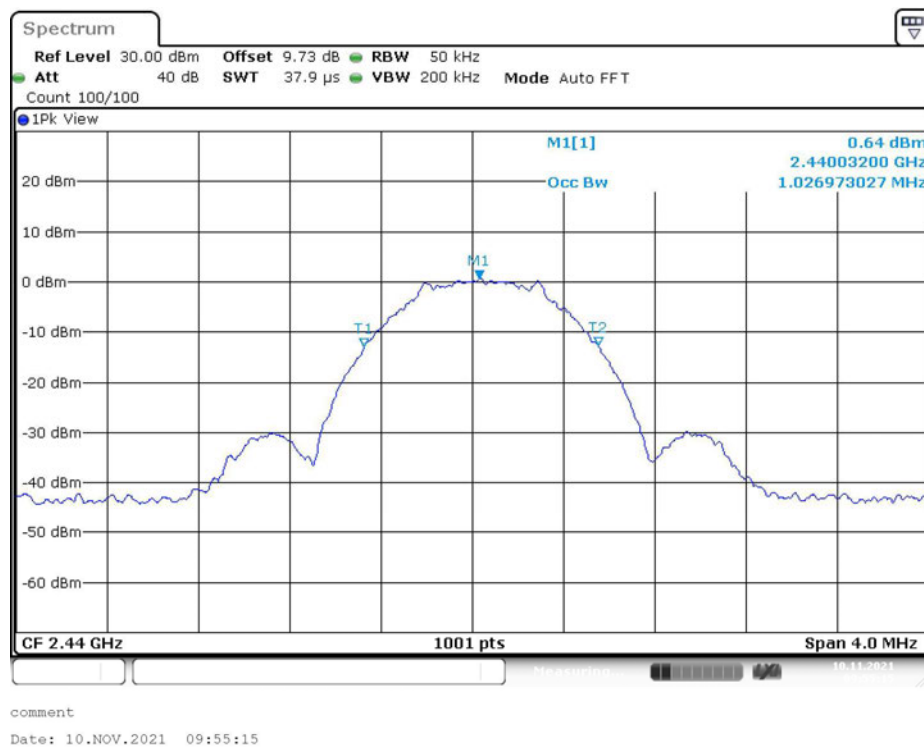


CH Highest (No.39)

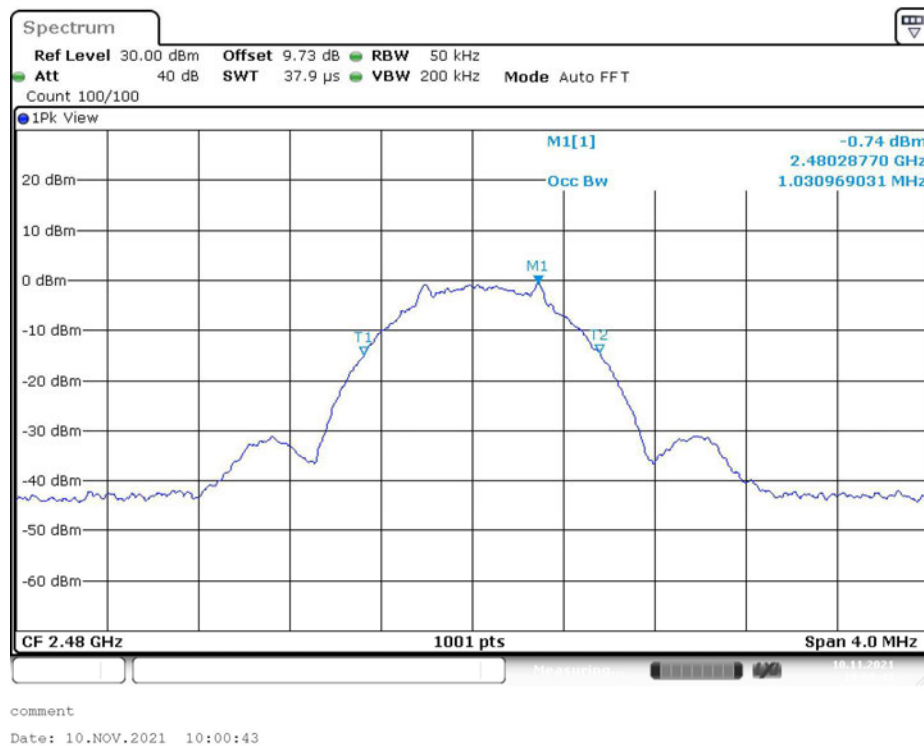
### 99% Occupied Bandwidth – GFSK (BLE 1Mbps):



CH Lowest (No.0)

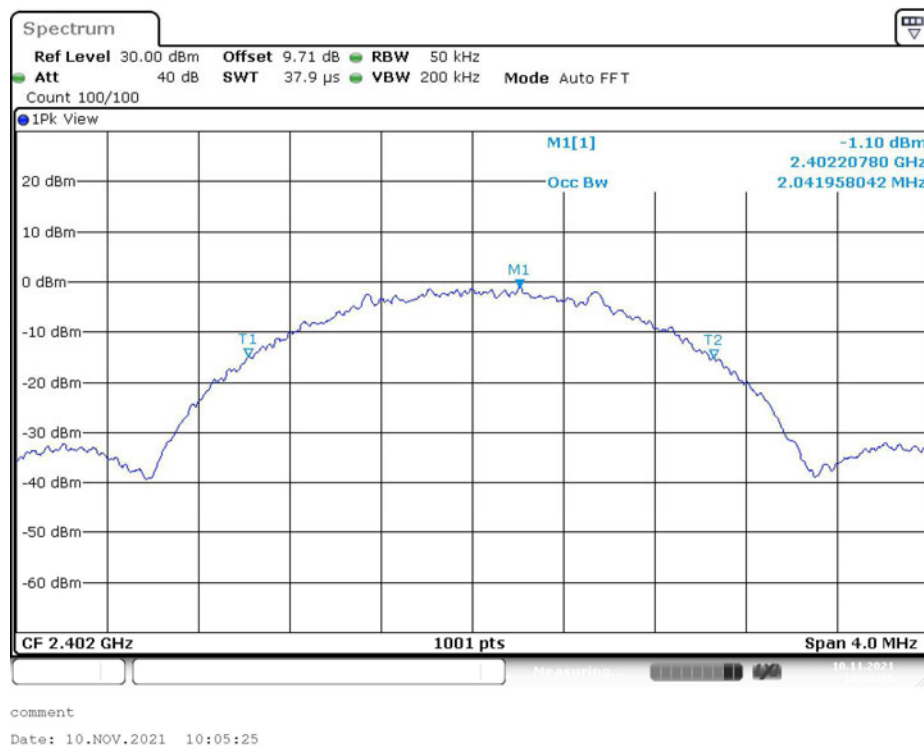


CH Middle (No.19)

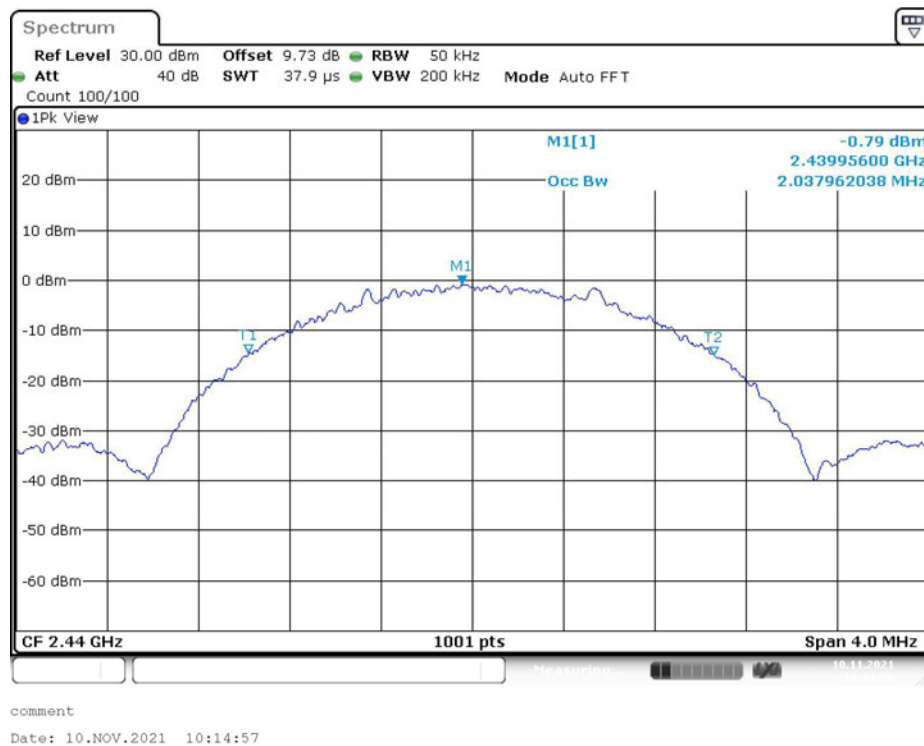


CH Highest (No.39)

99% Occupied Bandwidth – GFSK (BLE 2Mbps):



CH Lowest (No.0)



CH Middle (No.19)



CH Highest (No.39)

### 3.1.5. Uncertainty

| Frequency (MHz) | $U_{lab}$ | $k$ |
|-----------------|-----------|-----|
| 2402            | 187.46Hz  | 2   |
| 2440            | 190.33Hz  | 2   |
| 2480            | 193.35Hz  | 2   |

## 3.2 Output Power

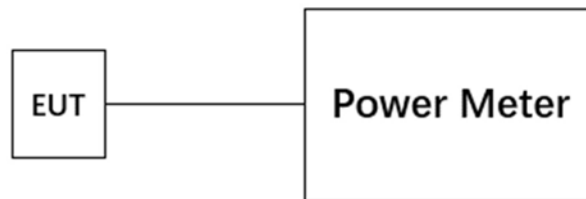
### 3.2.1. Limit

FCC 47 CFR Part 15 Subpart C - §15.247 (b)(3)

ISED RSS-247 - §5.4 (d)

For systems using digital modulation in the 2400-2483.5MHz band, if the maximum antenna gain is less than or equal to 6dBi, the maximum peak conducted output power shall not exceed 1Watt (30dBm), and the e.i.r.p. shall not exceed 4Watt (36dBm).

### 3.2.2. Test Setup



### 3.2.3. Test Procedures

- 1) The measurement procedure follows ANSI C63.10-2013, clause 11.9.1.
- 2) The transmitter output power is measured using a wideband peak and average power meter.

### 3.2.4. Test Result

|               |           |                      |            |
|---------------|-----------|----------------------|------------|
| Test Engineer | Xu Dongxu | Test Date            | 2021/10/27 |
| Temperature   | 18.6°C    | Relative Humidity    | 49.0%      |
| Pressure      | 105.8kPa  | Test Sample Selected | No.1       |

| Modulation Type     | Channel            | Frequency (MHz) | Average Power (dBm) | Peak Power (dBm) | E.I.R.P (dBm) |
|---------------------|--------------------|-----------------|---------------------|------------------|---------------|
| GFSK<br>(BLE 1Mbps) | CH Lowest (No.0)   | 2402            | -0.64               | 2.08             | 5.78          |
|                     | CH Middle (No.19)  | 2440            | -0.42               | 2.59             | 6.29          |
|                     | CH Highest (No.39) | 2480            | -1.97               | 1.01             | 4.71          |
| GFSK<br>(BLE 2Mbps) | CH Lowest (No.0)   | 2402            | -0.93               | 2.13             | 5.83          |
|                     | CH Middle (No.19)  | 2440            | -0.45               | 2.67             | 6.37          |
|                     | CH Highest (No.39) | 2480            | -2.16               | 1.03             | 4.73          |

### 3.2.5. Uncertainty

$$U_{lab}=1.08\text{dB } (k=2)$$

### 3.3 Power Spectral Density

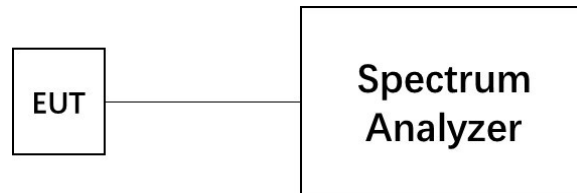
#### 3.3.1. Limit

FCC 47 CFR Part 15 Subpart C - §15.247 (e)

ISED RSS-247 - §5.2 (b)

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

#### 3.3.2. Test Setup



#### 3.3.3. Test Procedures

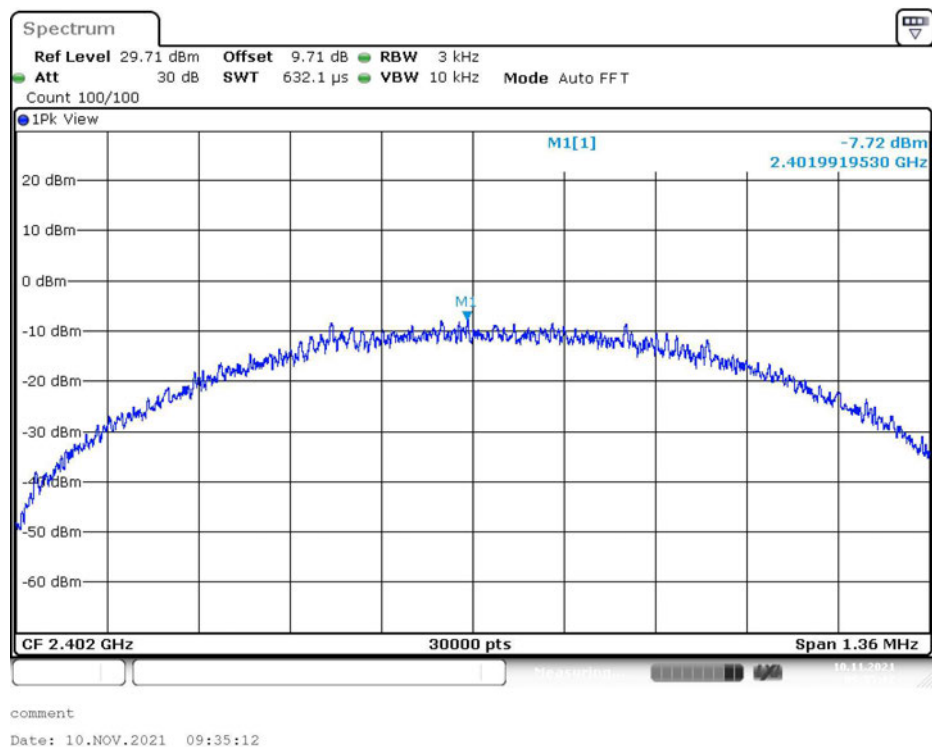
- 1) The measurement procedure follows ANSI C63.10-2013, clause 11.10.2.
- 2) Use the following spectrum analyzer settings:
  - a) Set analyzer center frequency to DTS channel center frequency;
  - b) Set the span to 1.5 times the DTS bandwidth;
  - c) Set the RBW to  $3\text{kHz} \leq \text{RBW} \leq 100\text{kHz}$ ;
  - d) Set the VBW  $\geq 3 \times \text{RBW}$ ;
  - e) Detector function: Peak;
  - f) Sweep = Auto Couple;
  - g) Trace: Max hold;
  - h) Allow the trace to stabilize;
  - i) Use the peak marker function to determine the maximum amplitude level within the RBW;
  - j) If measured value exceeds requirement, then reduce RBW (but no less than 3 kHz) and repeat.

#### 3.3.4. Test Result

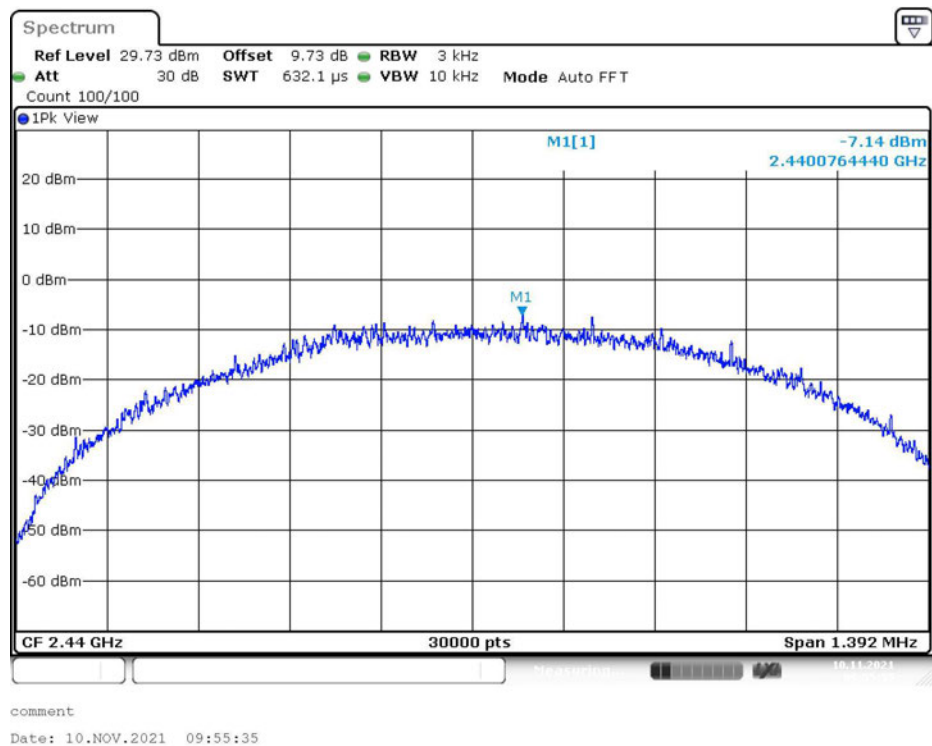
|               |           |                      |            |
|---------------|-----------|----------------------|------------|
| Test Engineer | Xu Dongxu | Test Date            | 2021/11/10 |
| Temperature   | 22.0°C    | Relative Humidity    | 50.0%      |
| Pressure      | 105.6kPa  | Test Sample Selected | No.1       |

| Modulation Type  | Channel            | Frequency (MHz) | Power Spectral Density (dBm/3kHz) |
|------------------|--------------------|-----------------|-----------------------------------|
| GFSK (BLE 1Mbps) | CH Lowest (No.0)   | 2402            | -7.72                             |
|                  | CH Middle (No.19)  | 2440            | -7.14                             |
|                  | CH Highest (No.39) | 2480            | -9.04                             |
| GFSK (BLE 2Mbps) | CH Lowest (No.0)   | 2402            | -9.94                             |
|                  | CH Middle (No.19)  | 2440            | -10.32                            |
|                  | CH Highest (No.39) | 2480            | -12.20                            |

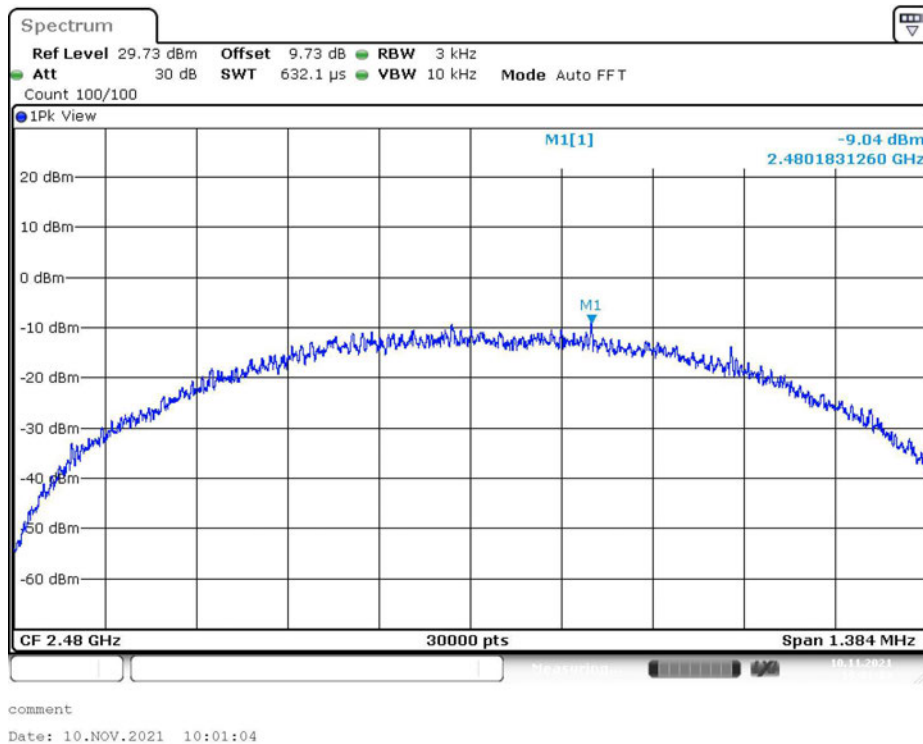
GFSK (BLE 1Mbps):



CH Lowest (No.0)

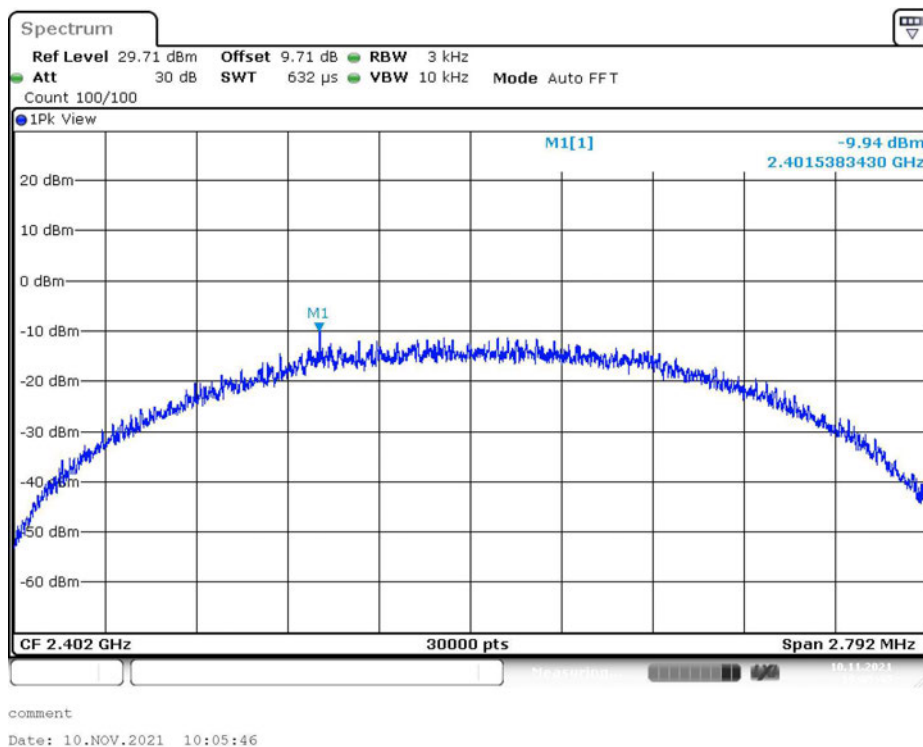


CH Middle (No.19)

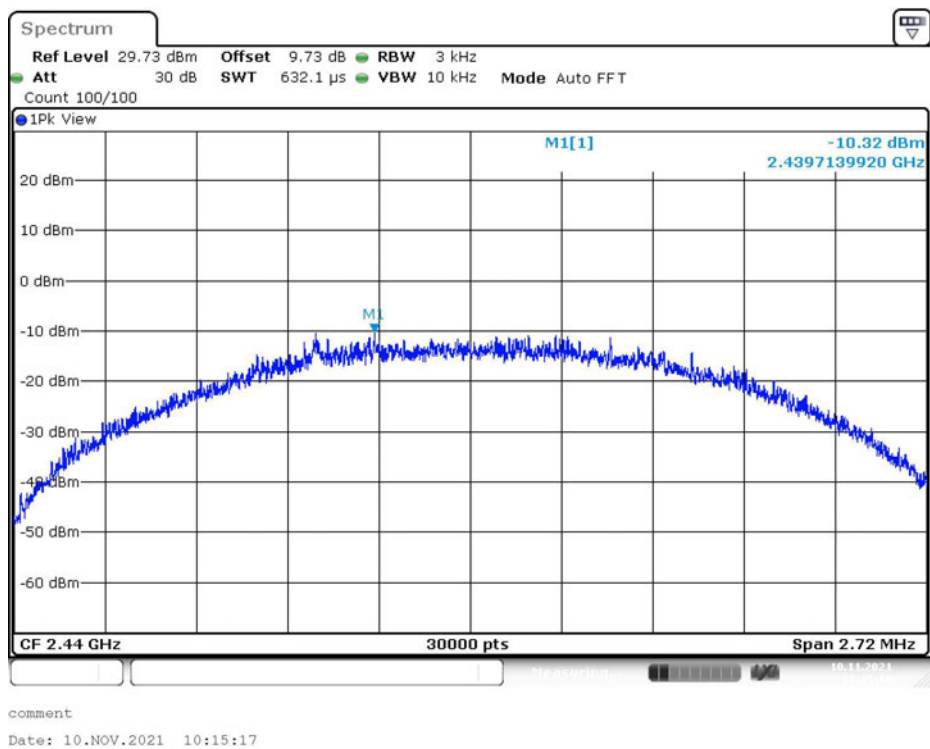


CH Highest (No.39)

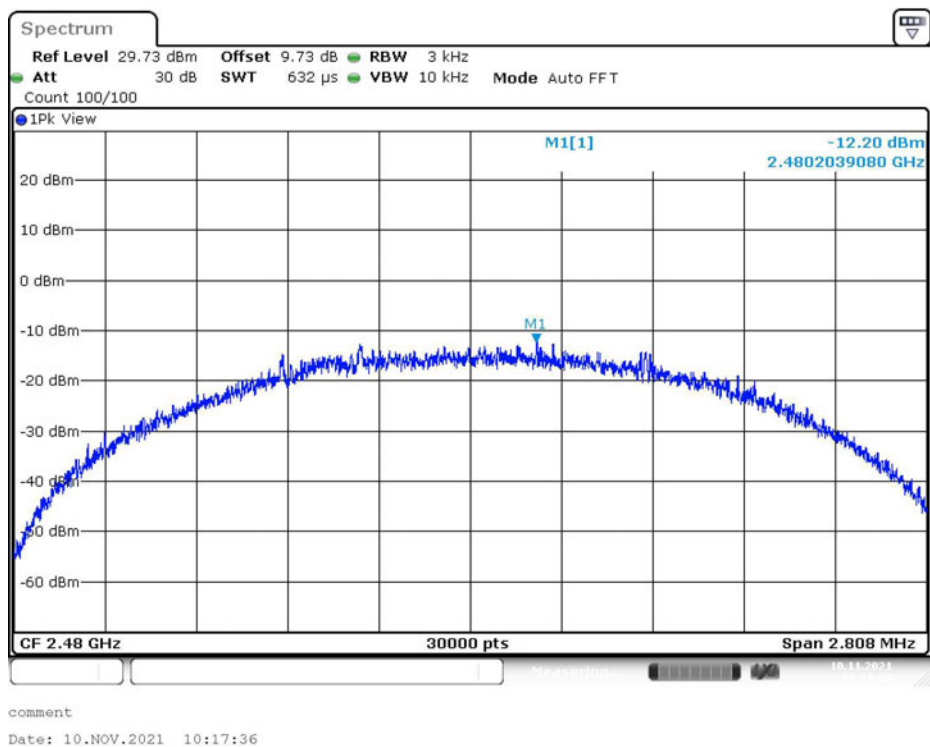
GFSK (BLE 2Mbps):



CH Lowest (No.0)



CH Middle (No.19)



CH Highest (No.39)

### 3.3.5. Uncertainty

$$U_{lab}=1.08\text{dB} (k=2)$$

### 3.4 Conducted Out of Band Emission

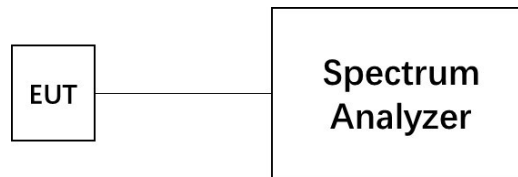
#### 3.4.1. Limit

FCC 47 CFR Part 15 Subpart C - §15.247 (d)

ISED RSS-247 - §5.5

In any 100kHz bandwidth outside the frequency band in which the digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20dB below that in the 100kHz bandwidth within the band that contains the highest level of the desired power, based on an RF conducted measurement, provided the transmitter demonstrates compliance with the peak conducted power limits.

#### 3.4.2. Test Setup



#### 3.4.3. Test Procedures

- 1) The measurement procedure follows ANSI C63.10-2013, clause 11.11.
- 2) Use the following spectrum analyzer settings to measure reference level:
  - a) Set analyzer center frequency to DTS channel center frequency;
  - b) Set the span to  $\geq 1.5$  times the DTS bandwidth;
  - c) Set the RBW = 100kHz;
  - d) Set the VBW  $\geq 3 \times$  RBW;
  - e) Detector function: Peak;
  - f) Sweep = Auto Couple;
  - g) Trace: Max hold;
  - h) Allow the trace to stabilize;
  - i) Use the peak marker function to determine the maximum PSD level;
  - j) The channel found to contain the maximum PSD level can be used to establish the reference level.
- 3) Use the following spectrum analyzer settings to measure emission level:
  - a) Set the center frequency and span to encompass frequency range to be measured;
  - b) Set the RBW = 100kHz;
  - c) Set the VBW  $\geq 3 \times$  RBW;
  - d) Detector function: Peak;
  - e) Sweep = Auto Couple;
  - f) Trace: Max hold;
  - g) Allow the trace to stabilize;
  - h) Use the peak marker function to determine the maximum amplitude level.

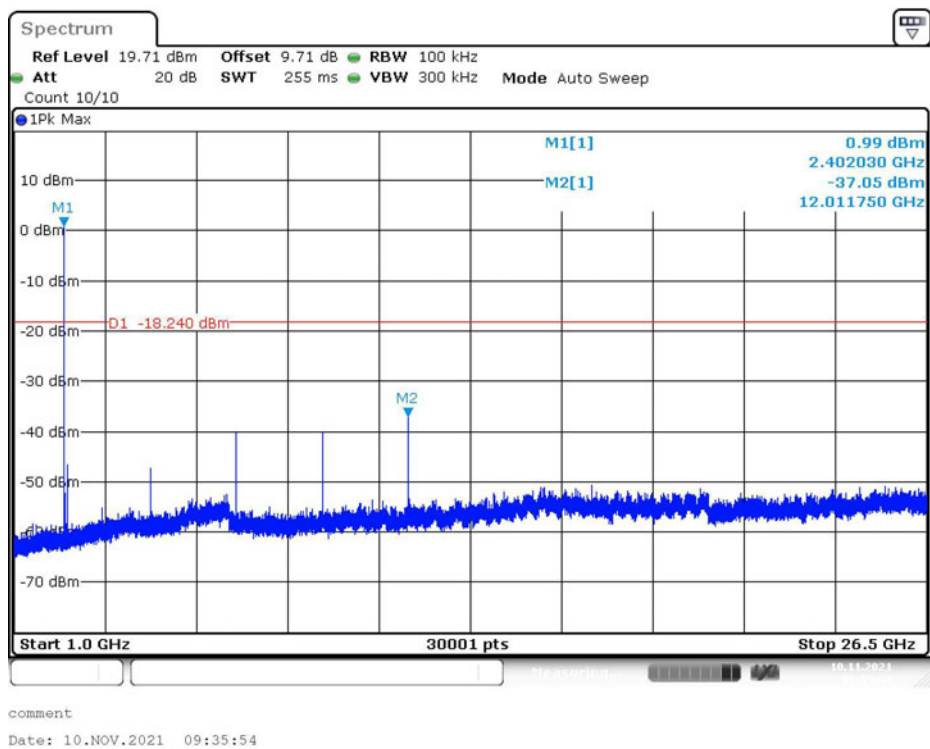
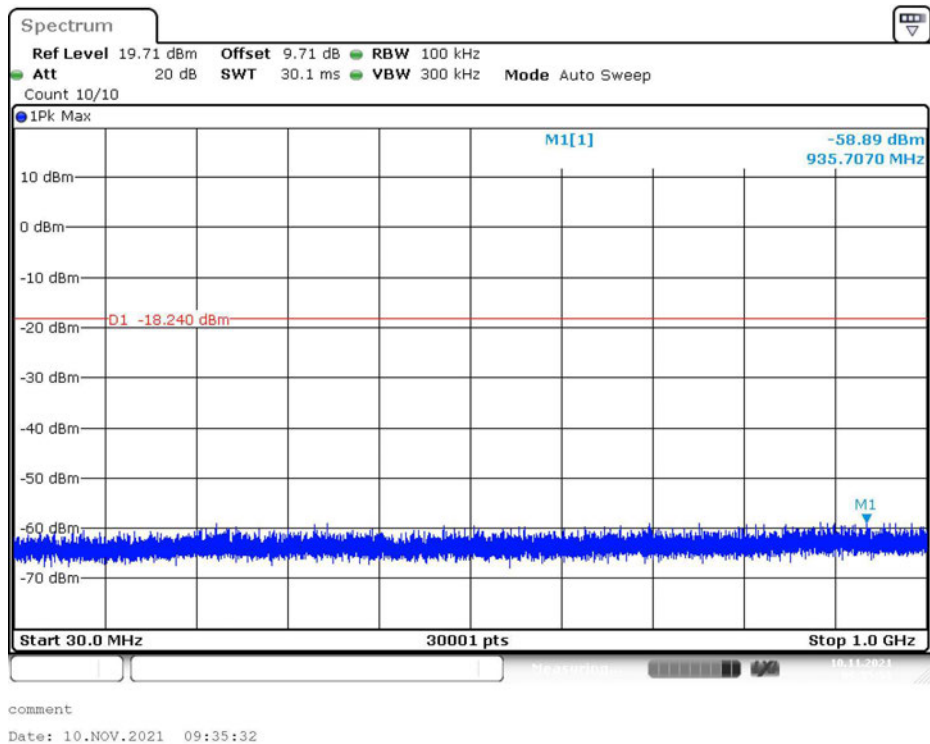
### 3.4.4. Test Result

|               |           |                      |            |
|---------------|-----------|----------------------|------------|
| Test Engineer | Xu Dongxu | Test Date            | 2021/11/10 |
| Temperature   | 22.0°C    | Relative Humidity    | 50.0%      |
| Pressure      | 105.6kPa  | Test Sample Selected | No.1       |

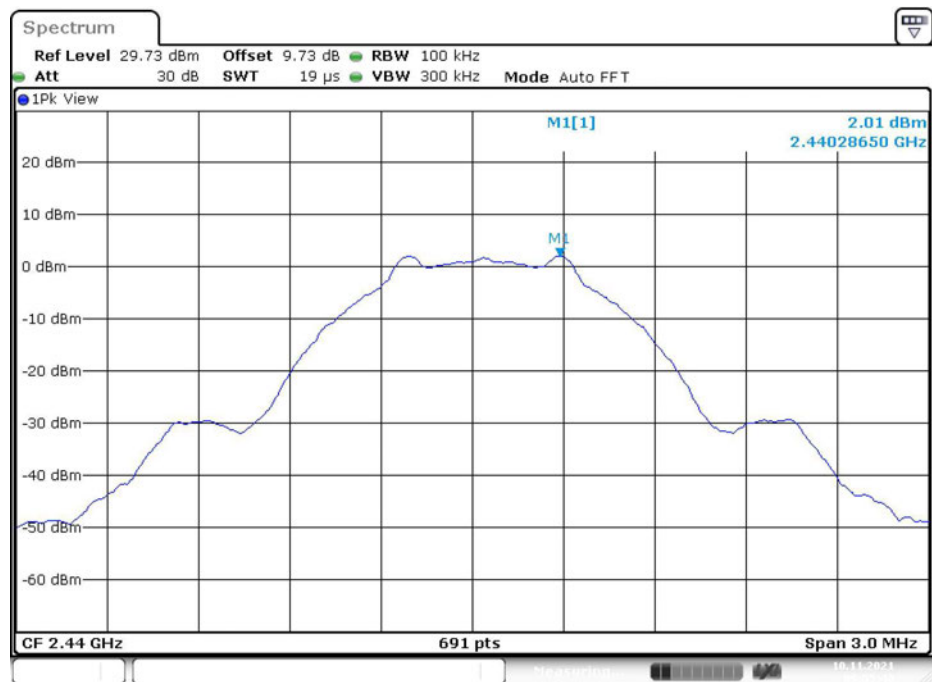
| Modulation Type  | Channel            | Frequency Range (MHz) | Ref Level (dBm) | Result (dBm) | -20dBc Limit (dBm) |
|------------------|--------------------|-----------------------|-----------------|--------------|--------------------|
| GFSK (BLE 1Mbps) | CH Lowest (No.0)   | Reference             | 1.76            | 1.76         | ---                |
|                  |                    | 30 ~ 1000             | ---             | -58.89       | ≤-18.24            |
|                  |                    | 1000 ~ 26500          | ---             | -37.05       | ≤-18.24            |
|                  | CH Middle (No.19)  | Reference             | 2.01            | 2.01         | ---                |
|                  |                    | 30 ~ 1000             | ---             | -57.91       | ≤-17.99            |
|                  |                    | 1000 ~ 26500          | ---             | -35.08       | ≤-17.99            |
|                  | CH Highest (No.39) | Reference             | 0.48            | 0.48         | ---                |
|                  |                    | 30 ~ 1000             | ---             | -58.26       | ≤-19.52            |
|                  |                    | 1000 ~ 26500          | --              | -34.92       | ≤-19.52            |
| GFSK (BLE 2Mbps) | CH Lowest (No.0)   | Reference             | -0.10           | -0.10        | ---                |
|                  |                    | 30 ~ 1000             | --              | -58.55       | ≤-20.10            |
|                  |                    | 1000 ~ 26500          | --              | -38.07       | ≤-20.10            |
|                  | CH Middle (No.19)  | Reference             | 0.66            | 0.66         | ---                |
|                  |                    | 30 ~ 1000             | --              | -58.12       | ≤-19.34            |
|                  |                    | 1000 ~ 26500          | --              | -38.67       | ≤-19.34            |
|                  | CH Highest (No.39) | Reference             | -1.11           | -1.11        | ---                |
|                  |                    | 30 ~ 1000             | ---             | -58.15       | ≤-21.11            |
|                  |                    | 1000 ~ 26500          | --              | -36.05       | ≤-21.11            |

#### GFSK (BLE 1Mbps): CH Lowest (No.0)



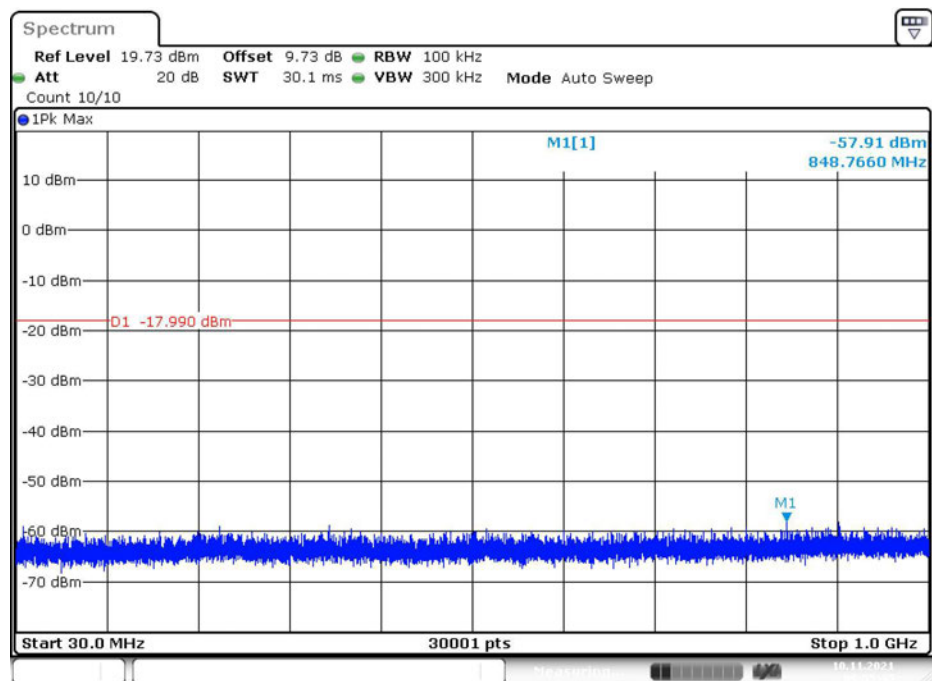


CH Middle (No.19)



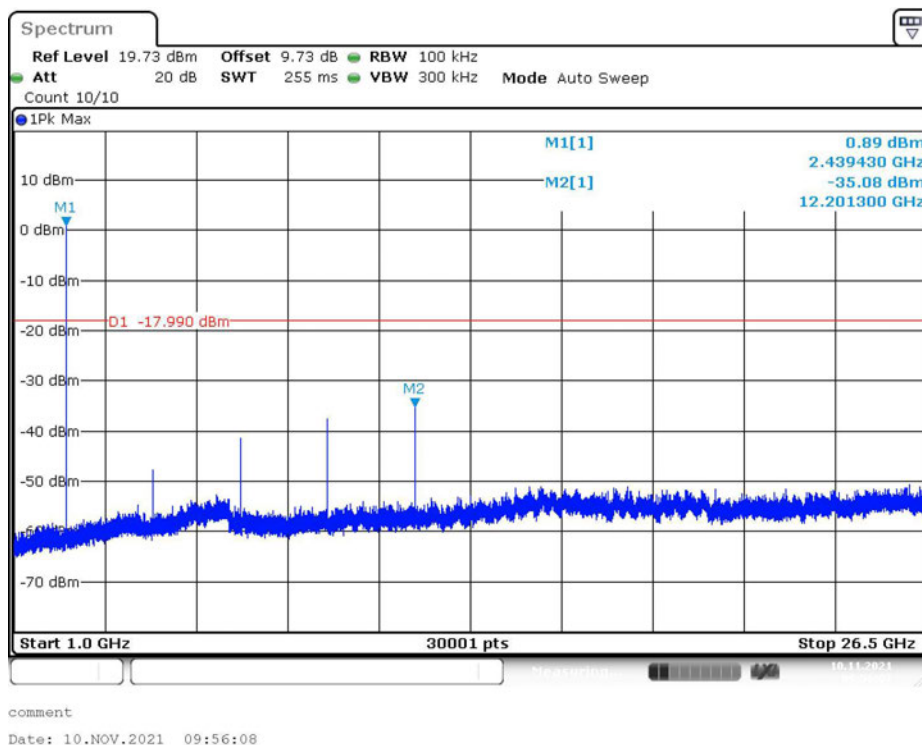
comment

Date: 10.NOV.2021 09:55:40

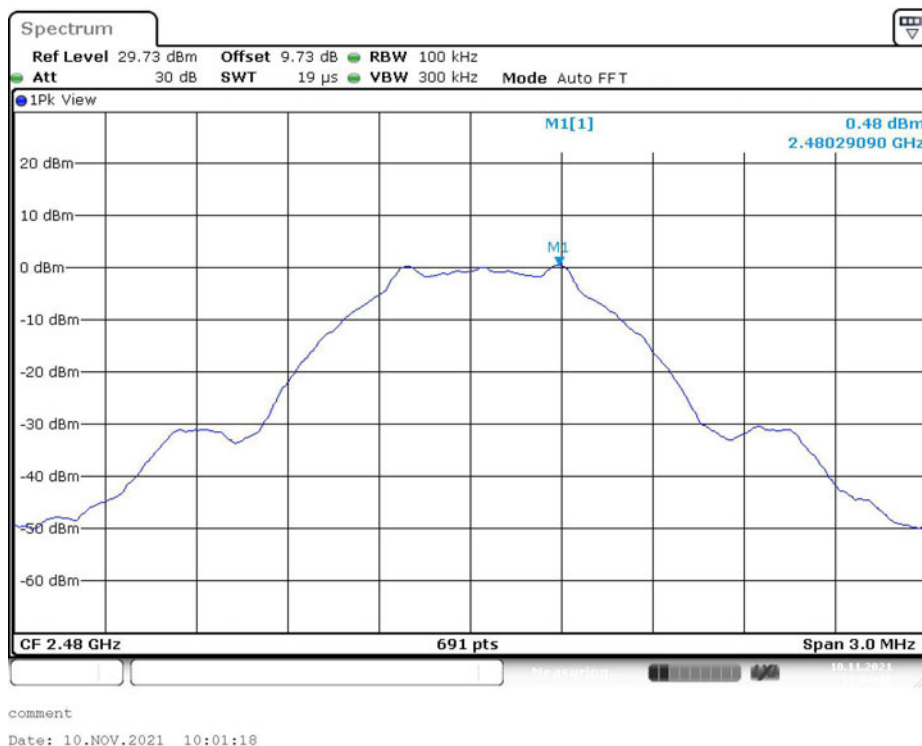


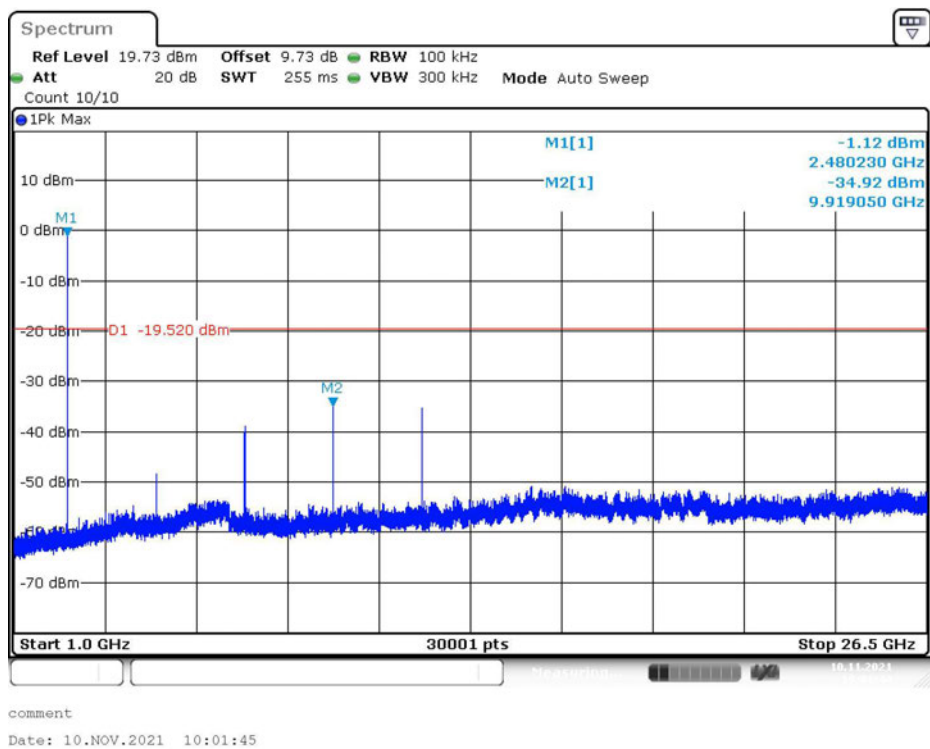
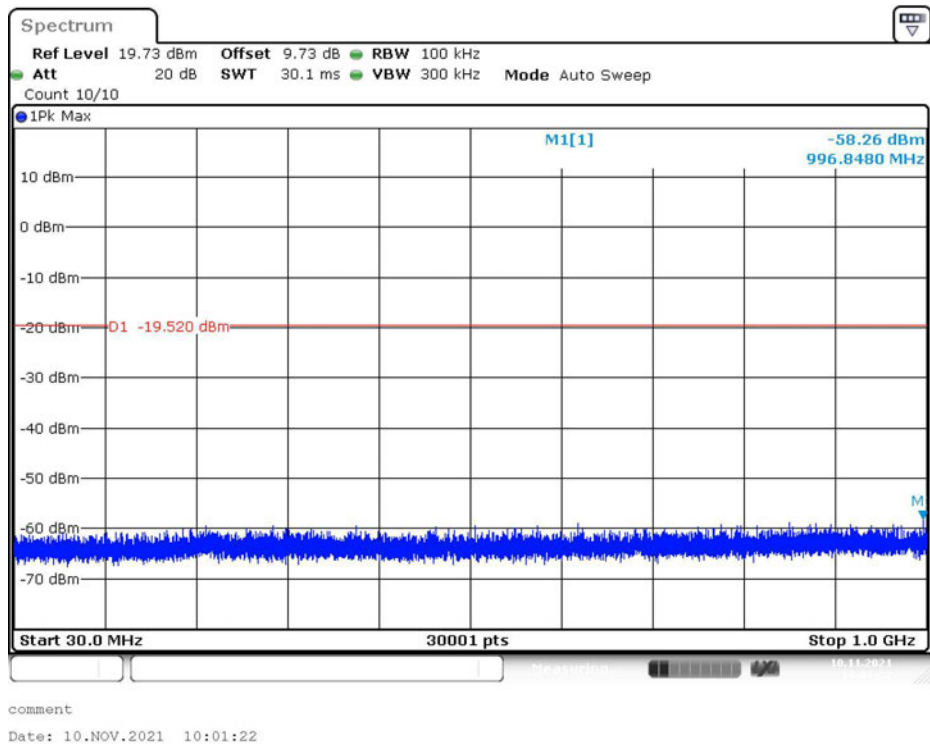
comment

Date: 10.NOV.2021 09:55:45

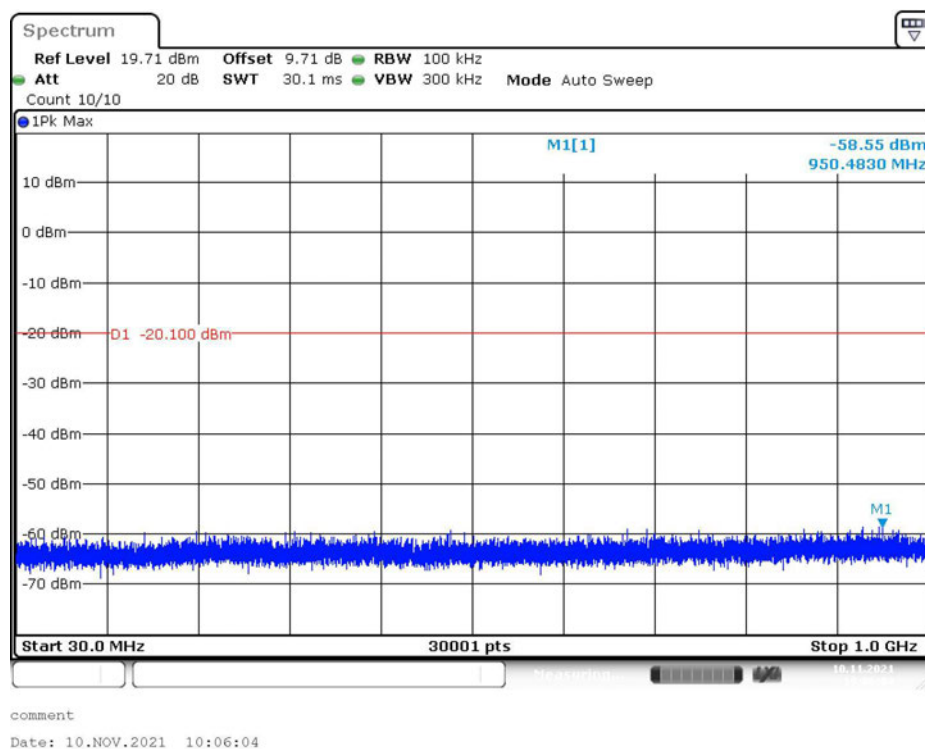


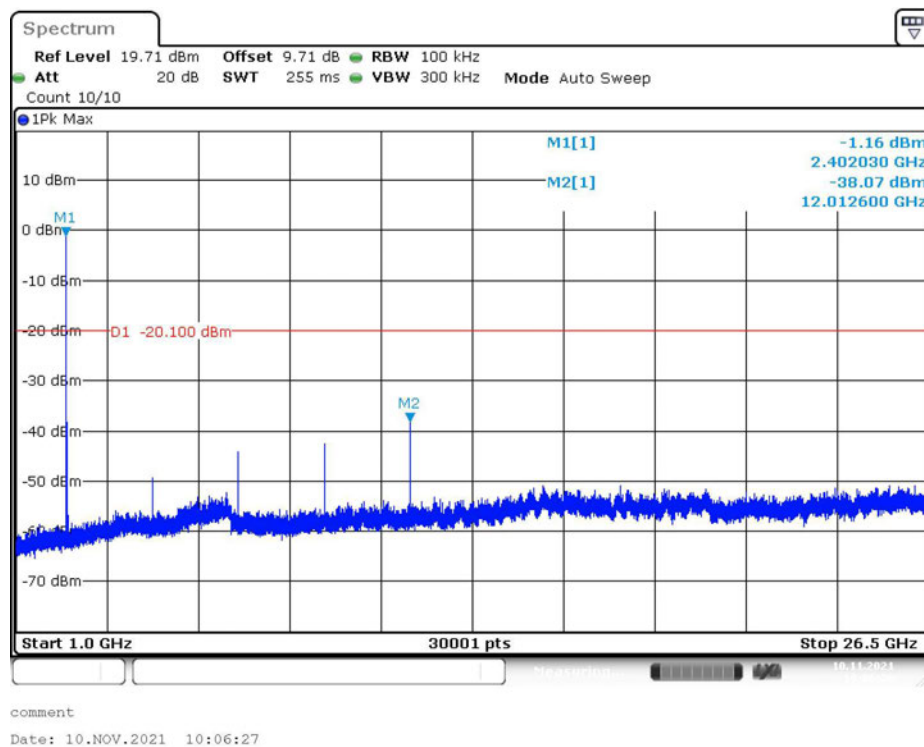
### CH Highest (No.39)





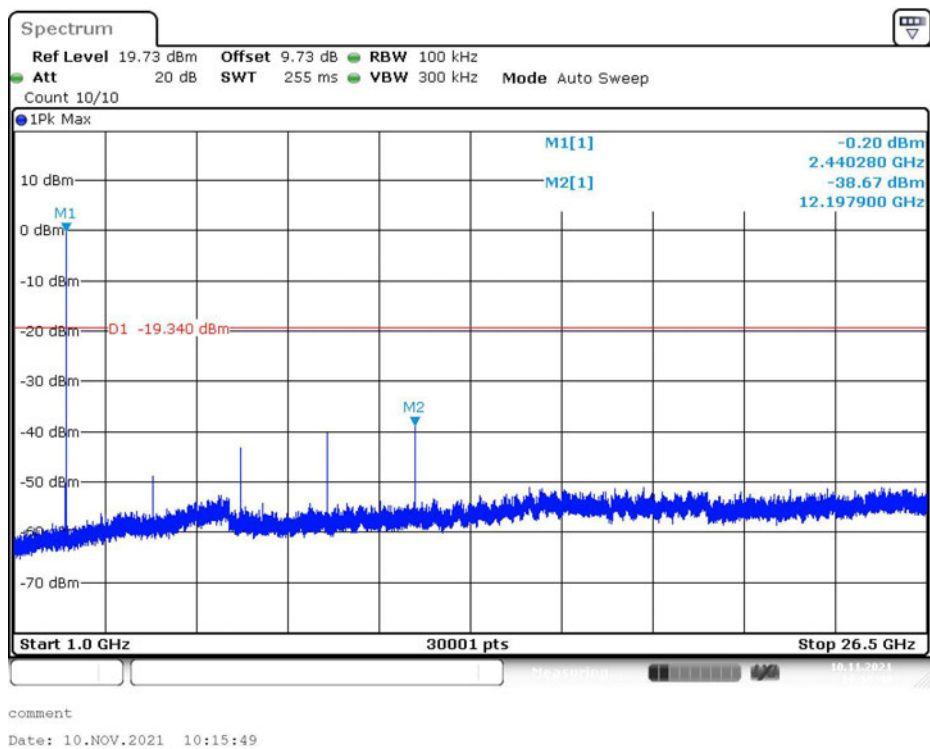
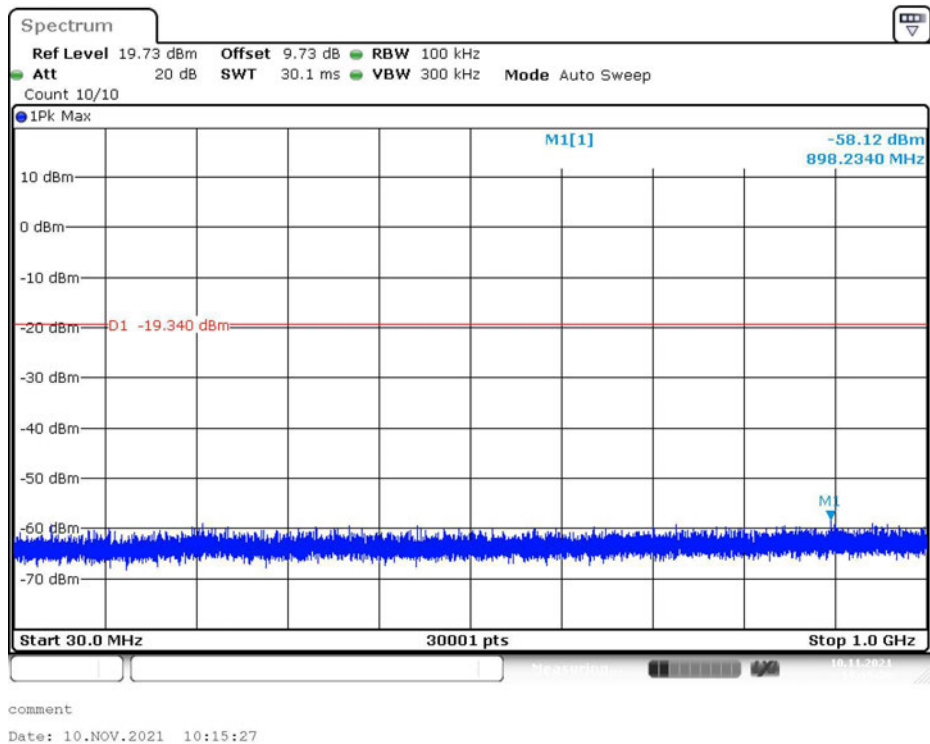
**GFSK (BLE 2Mbps):**  
**CH Lowest (No.0)**



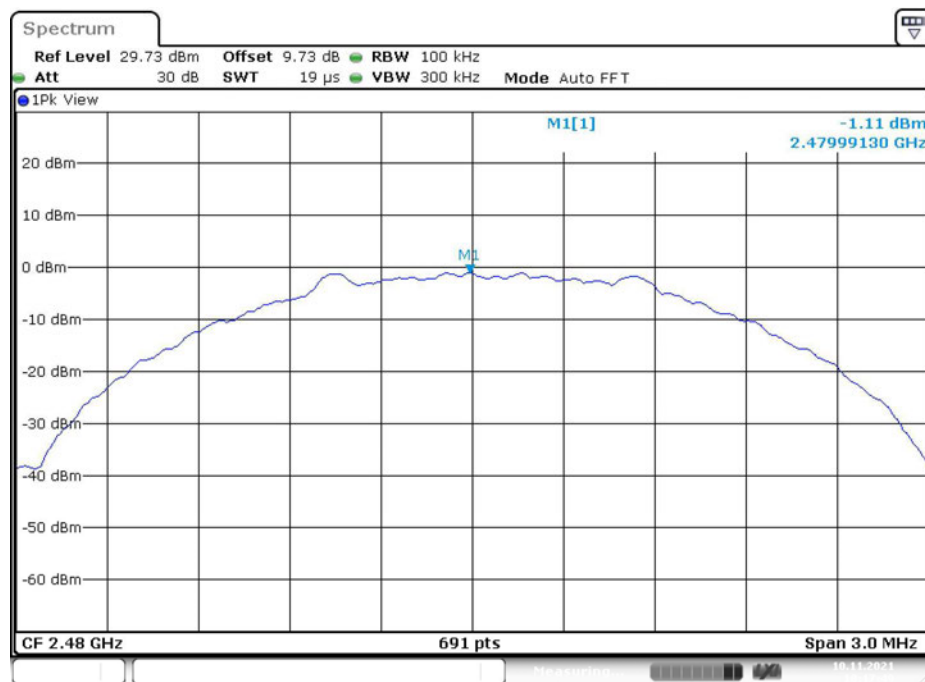


### CH Middle (No.19)



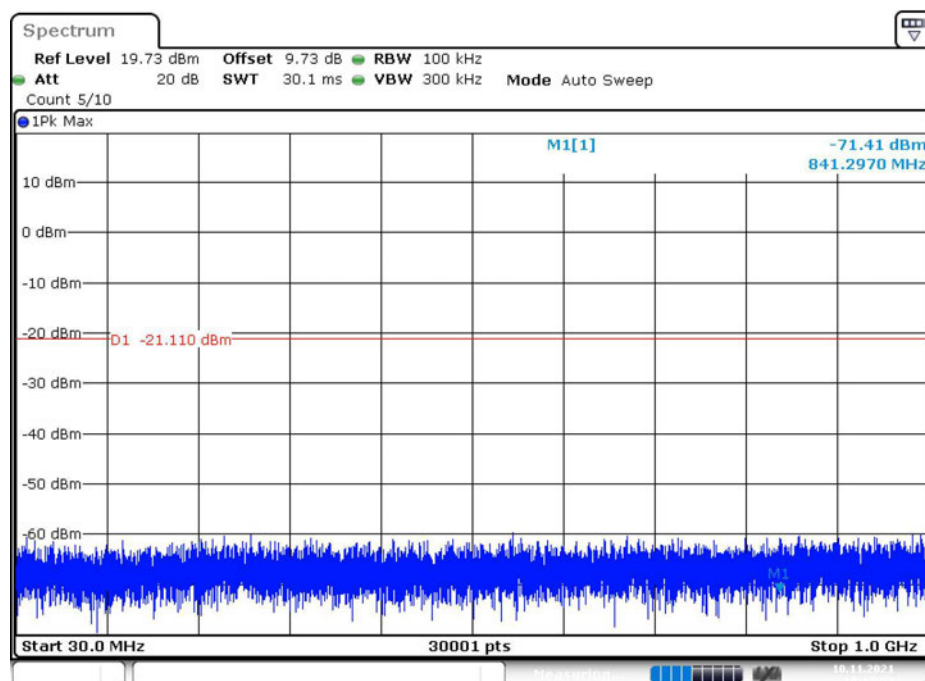


### CH Highest (No.39)



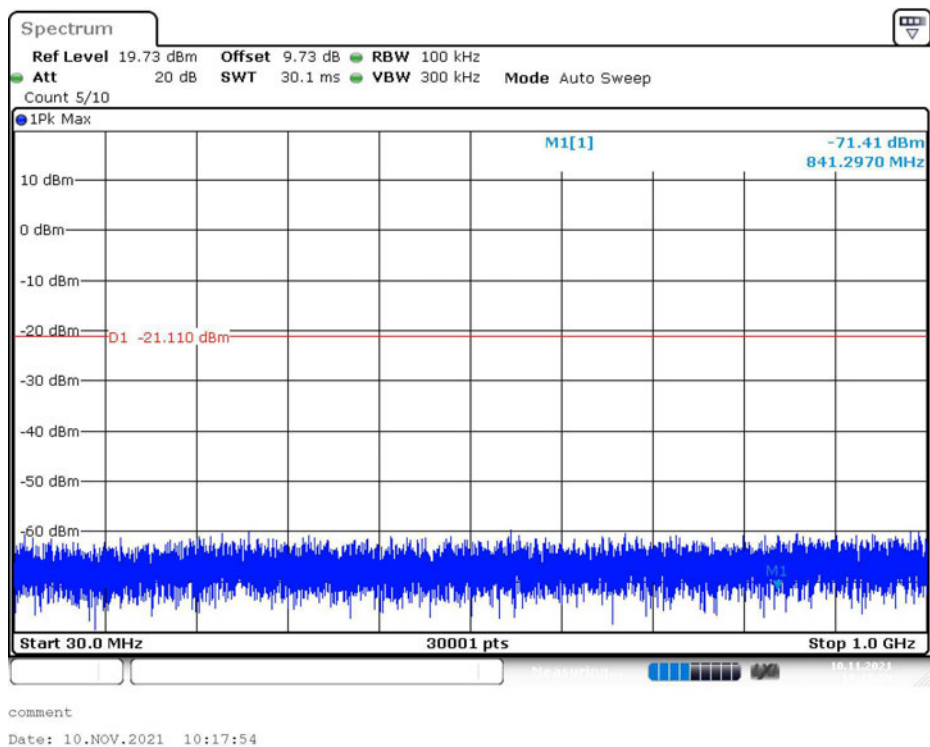
comment

Date: 10.NOV.2021 10:17:49



comment

Date: 10.NOV.2021 10:17:54



### 3.4.5. Uncertainty

$$U_{lab}=2.74\text{dB} (k=2)$$