

**TEST REPORT** 



Test report no.: 1-7255-23-01-19\_TR1-R01

| Testing laboratory  | Applicant   |  |  |  |
|---|---|--|--|--|
| cetecom advanced GmbHUntertuerkheimer Strasse 6 – 1066117 Saarbruecken / GermanyPhone: + 49 681 5 98 - 0Fax: + 49 681 5 98 - 9075Internet: <a href="https://cetecomadvanced.com">https://cetecomadvanced.com</a> e-mail: mail@cetecomadvanced.comAccredited Testing Laboratory:The testing laboratory (area of testing) is accredited according to DIN ENISO/IEC 17025 (2018-03) by the Deutsche Akkreditierungsstelle GmbH(DAkkS).The accreditation is valid for the scope of testing procedures as stated inthe accreditation certificate with the registration number:D-PL-12047-01-00.ISED Testing Laboratory Recognized Listing Number: DE0001FCC designation number: DE0002 | Mammut Sports Group         Birren 5         5703 Seon / SWITZERLAND         Phone:         Contact:       Michael Vollmer         e-mail:       Michael.Vollmer@mammut.com         Manufacturer         Mammut Sports Group         Birren 5         5703 Seon / SWITZERLAND |  |  |  |
| Test s  | standard/s  |  |  |  |
| FCC - Title 47 CFR Part 15 FCC - Title 47 of the Coo<br>frequency devices   | de of Federal Regulations; Chapter I; Part 15 - Radio   |  |  |  |
|   | Spectrum Management and Telecommunications Radio Standards Specification<br>- Licence-Exempt Radio Apparatus: Category I Equipment  |  |  |  |

RSS - Gen Issue 5 incl.Spectrum Management and Telecommunications Radio Standards SpecificationAmendment 1 & 2- General Requirements for Compliance of Radio ApparatusFor further applied test standards please refer to section 3 of this test report.

### Test Item

| Kind of test item:         | Avalanche beacon            |
|----------------------------|-----------------------------|
| Model name:                | Barryvox 2 & Barryvox S2    |
| FCC ID:                    | ARN-BARRYVOX2               |
| ISED certification number: | 8038A-BARRYVOX2             |
| Frequency:                 | 457 kHz                     |
| Technology tested:         | Proprietary                 |
| Antenna:                   | Integrated antenna          |
| Power supply:              | 3.0 V DC by 2 AAA batteries |
| Temperature range:         | -25°C to +45°C              |

This test report is electronically signed and valid without handwritten signature. For verification of the electronic signatures, the public keys can be requested at the testing laboratory.

### Test report authorized:

| Christoph Schneider |
|---------------------|
| Lab Manager         |
| Radio Labs          |

## **Test performed:**

Tobias Wittenmeier Testing Manager Radio Labs Test report no.: 1-7255-23-01-19\_TR1-R01



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### 2 General information

### 2.1 Notes and disclaimer

The test results of this test report relate exclusively to the test item specified in this test report. cetecom advanced GmbH does not assume responsibility for any conclusions and generalizations drawn from the test results with regard to other specimens or samples of the type of the equipment represented by the test item.

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This test report is electronically signed and valid without handwritten signature. For verification of the electronic signatures, the public keys can be requested at the testing laboratory.

### 2.2 Application details

| Date of receipt of order:          | 2023-11-30 |
|------------------------------------|------------|
| Date of receipt of test item:      | 2024-10-01 |
| Start of test:*                    | 2024-10-02 |
| End of test:*                      | 2024-10-02 |
| Dereen(a) present during the test: | /          |

Person(s) present during the test: -/-

\*Date of each measurement, if not shown in the plot, can be requested. Dates are stored in the measurement software.

### 2.3 Test laboratories sub-contracted

None



## 3 Test standard/s, references and accreditations

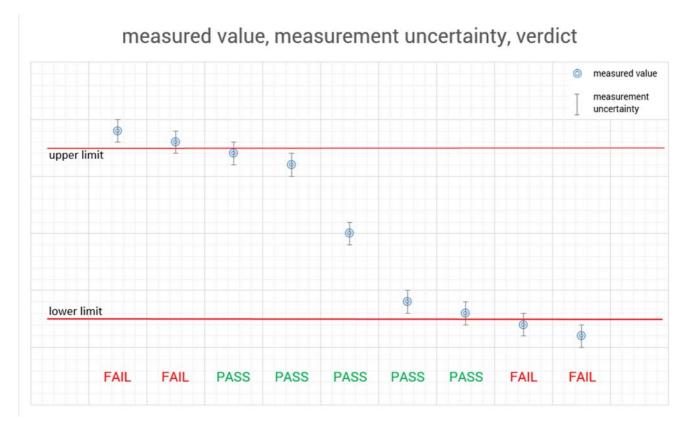
| Test standard                              | Date             | Description   |
|--|------------------|---|
| FCC - Title 47 CFR Part 15                 |                  | FCC - Title 47 of the Code of Federal Regulations; Chapter I; Part<br>15 - Radio frequency devices  |
| RSS - 210 Issue 11                         | 25.06.202<br>4   | Spectrum Management and Telecommunications Radio Standards<br>Specification - Licence-Exempt Radio Apparatus: Category I<br>Equipment                                     |
| RSS - Gen Issue 5 incl.<br>Amendment 1 & 2 | February<br>2021 | Spectrum Management and Telecommunications Radio Standards<br>Specification<br>- General Requirements for Compliance of Radio Apparatus                                   |
| Guidance                                   | Version          | Description   |
| ANSI C63.4-2014                            | -/-              | American National Standard for Methods of Measurement of<br>Radio-Noise Emissions from Low-Voltage Electrical and Electronic<br>Equipment in the Range of 9 kHz to 40 GHz |
| ANSI C63.10-2013                           | -/-              | American National Standard of Procedures for Compliance<br>Testing of Unlicensed Wireless Devices   |



## 4 Reporting statements of conformity – decision rule

Only the measured values related to their corresponding limits will be used to decide whether the equipment under test meets the requirements of the test standards listed in chapter 3.

The measurement uncertainty is mentioned in this test report, see chapter 9, but is not taken into account - neither to the limits nor to the measurement results. Measurement results with a smaller margin to the corresponding limits than the measurement uncertainty have a potential risk of more than 5% that the decision might be wrong."





## 5 Test environment

| Temperature  | : | T <sub>nom</sub><br>T <sub>max</sub><br>T <sub>min</sub>  | +22 °C during room temperature tests<br>No testing under extreme temperature conditions required.<br>No testing under extreme temperature conditions required. |  |
|--|---|---|--|--|
| Relative humidity content  | : |   | 55 %   |  |
| Barometric pressure :  |   |   | 1021 hpa   |  |
| Vnom         3.0         V DC by 2 AAA batteries           Power supply         Vmax         No testing under extreme temperature conditions r |   | <ul> <li>3.0 V DC by 2 AAA batteries</li> <li>No testing under extreme temperature conditions required.</li> <li>No testing under extreme temperature conditions required.</li> </ul> |  |  |

## 6 Test item

### 6.1 General description

| Kind of test item   | Avalanche beacon  |  |  |  |
|---|---|--|--|--|
| Model name  | Barryvox 2 & Barryvox S2  |  |  |  |
| HMN   | -/-   |  |  |  |
| PMN   | Barryvox 2 & Barryvox S2  |  |  |  |
| HVIN  | Barryvox 2: 7600.0055<br>Barryvox S2: 7600.0054                       |  |  |  |
| FVIN  | : -/-   |  |  |  |
| S/N serial number   | Barryvox 2: 2340200012<br>Barryvox S2: 2340100039                     |  |  |  |
| Hardware status   | Barryvox 2:PR2 Rev. D01 HW index 5Barryvox S2:PR2 Rev. D02 HW index 6 |  |  |  |
| Software status   | -/-   |  |  |  |
| Firmware status   | V2.037; SVN: 865  |  |  |  |
| Frequency   | 457 kHz   |  |  |  |
| Type of radio transmission :<br>Use of frequency spectrum : | Modulated carrier   |  |  |  |
| Type of modulation  | ASK   |  |  |  |
| Number of channels  | 1   |  |  |  |
| Antenna   | Integrated antenna  |  |  |  |
| Power supply  | 3.0V DC by 2 AAA batteries  |  |  |  |
| Temperature range   | -25°C to +45°C  |  |  |  |

## 6.2 Additional information

The content of the following annexes is defined in the QA. It may be that not all of the listed annexes are necessary for this report, thus some values in between may be missing.

Test setup and EUT photos are included in test report:

1-7255-23-01-01\_TR1-A101-R01 1-7255-23-01-01\_TR1-A102-R01 1-7255-23-01-01\_TR1-A103-R01



#### 7 Description of the test setup

Typically, the calibrations of the test apparatus are commissioned to and performed by an accredited calibration laboratory. The calibration intervals are determined in accordance with the DIN EN ISO/IEC 17025. In addition to the external calibrations, the laboratory executes comparison measurements with other calibrated test systems or effective verifications. Weekly chamber inspections and range calibrations are performed. Where possible, RF generating and signaling equipment as well as measuring receivers and analyzers are connected to an external high-precision 10 MHz reference (GPS-based or rubidium frequency standard).

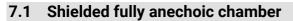
In order to simplify the identification of the equipment used at some special tests, some items of test equipment and ancillaries can be provided with an identifier or number in the equipment list below (Lab/Item).

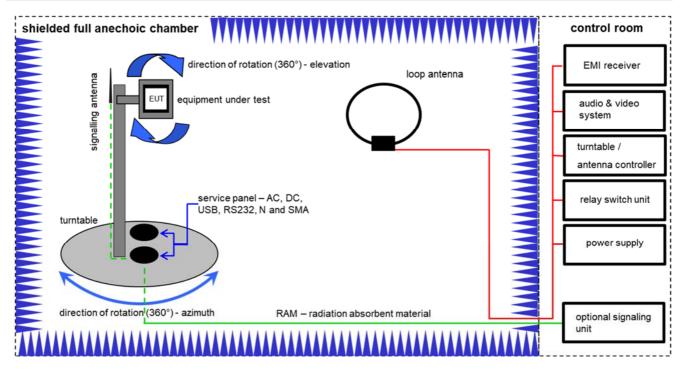
Each block diagram listed can contain several test setup configurations. All devices belonging to a test setup are identified with the same letter syntax. For example: Column Setup and all devices with an A.

#### Agenda: Kind of Calibration

| k/cal<br>Ne/cnn | calibration / calibrated<br>not required (k, ev, izw, zw not required) |
|-----------------|--|
| Ev/chk<br>Ve    | periodic self verification<br>long-term stability recognized           |
| ve<br>viki!     | Attention: extended calibration interval                               |
| NK!             | Attention: not calibrated  |
| сри             | check prior usage  |

- EK limited calibration
- zw cyclical maintenance (external cyclical maintenance)
- izw internal cyclical maintenance
- g blocked for accredited testing
- \*) next calibration ordered / currently in progress





Measurement distance: loop antenna 3 meter

FS = UR + CA + AF (FS-field strength; UR-voltage at the receiver; CA-loss of the signal path; AF-antenna factor)

Example calculation:

FS  $[dB\mu V/m] = 40.0 [dB\mu V/m] + (-35.8) [dB] + 32.9 [dB/m] = 37.1 [dB\mu V/m] (71.61 <math>\mu V/m$ )

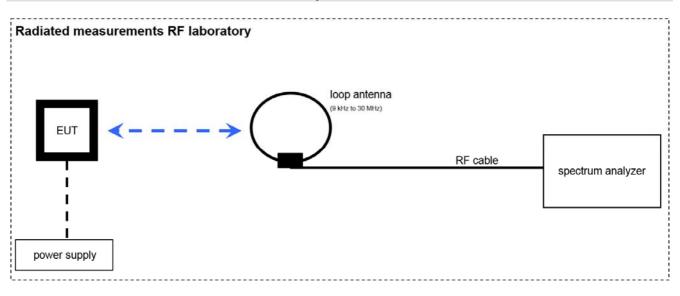
## Equipment table:

| No. | Setup | Equipment                              | Туре                    | Manufacturer | Serial No. | INV. No.  | Kind of<br>Calibration | Last<br>Calibration | Next<br>Calibration |
|-----|-------|--|-------------------------|--------------|------------|-----------|------------------------|---------------------|---------------------|
| 1   | А     | Active Loop Antenna<br>9 kHz to 30 MHz | 6502                    | EMCO         | 2210       | 300001015 | vlKl!                  | 02.08.2023          | 31.08.2025          |
| 2   | Α     | Anechoic chamber                       | FAC 3/5m                | MWB / TDK    | 87400/02   | 300000996 | ev                     | -/-                 | -/-                 |
| 3   | Α     | Switch / Control Unit                  | 3488A                   | HP           | *          | 300000199 | ne                     | -/-                 | -/-                 |
| 4   | А     | EMI Test Receiver<br>20Hz- 26,5GHz     | ESU26                   | R&S          | 100037     | 300003555 | k                      | 11.12.2023          | 31.12.2024          |
| 5   | А     | NEXIO EMV-<br>Software                 | BAT EMC<br>V2022.0.32.0 | Nexio        |            | 300004682 | ne                     | -/-                 | -/-                 |

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# 7.2 Radiated measurements RF laboratory



#### Equipment table:

| No. | Setup | Equipment       | Туре  | Manufacturer     | Serial No. | INV. No.  | Kind of<br>Calibration | Last<br>Calibration | Next<br>Calibration |
|-----|-------|-----------------|-------|------------------|------------|-----------|------------------------|---------------------|---------------------|
| 11  | Α     | Signal analyzer | FSV40 | Rohde&Schwarz    | 101042     | 300004517 | k                      | 06.12.2023          | 31.12.2024          |
| 2   | Α     | Loop Antenna    |       | ZEG TS Steinfurt |            | 400001208 | ev                     | -/-                 | -/-                 |
| 3   | Α     | RF Cable BNC    | RG58  | Huber & Suhner   |            | 400001209 | ev                     | -/-                 | -/-                 |



### 8 Sequence of testing

## 8.1 Sequence of testing radiated spurious 9 kHz to 30 MHz

#### Setup

- The equipment is set up to simulate normal operation mode as described in the user manual or defined by the manufacturer.
- If the EUT is a tabletop system, it is placed on a table with 0.8 m height.
- If the EUT is a floor standing device, it is placed directly on the turn table.
- Auxiliary equipment and cables are positioned to simulate normal operation conditions as described in ANSI C 63.4.
- The AC power port of the EUT (if available) is connected to a power outlet below the turntable.
- Measurement distance is 3 m (see ANSI C 63.4) see test details.
- EUT is set into operation.

#### **Premeasurement\***

- The turntable rotates from 0° to 315° using 45° steps.
- The antenna height is 1 m.
- At each turntable position the analyzer sweeps with positive-peak detector to find the maximum of all emissions.

#### **Final measurement**

- Identified emissions during the pre-measurement are maximized by the software by rotating the turntable from 0° to 360°.
- Loop antenna is rotated about its vertical axis for maximum response at each azimuth about the EUT. (For certain applications, the loop antenna plane may also need to be positioned horizontally at the specified distance from the EUT)
- The final measurement is done in the position (turntable and elevation) causing the highest emissions with quasi-peak (as described in ANSI C 63.4).
- Final levels, frequency, measuring time, bandwidth, turntable position, correction factor, margin to the limit and limit will be recorded. A plot with the graph of the premeasurement and the limit is stored.

\*)Note: The sequence will be repeated three times with different EUT orientations.



## 9 Measurement uncertainty

| Measurement uncertainty                            |             |  |  |  |  |
|--|-------------|--|--|--|--|
| Test case  | Uncertainty |  |  |  |  |
| Occupied bandwidth                                 | ± used RBW  |  |  |  |  |
| Field strength of the fundamental                  | ± 3 dB      |  |  |  |  |
| Field strength of the harmonics and spurious       | ± 3 dB      |  |  |  |  |
| Receiver spurious emissions and cabinet radiations | ± 3 dB      |  |  |  |  |
| Conducted limits                                   | ± 2.6 dB    |  |  |  |  |



## 10 Summary of measurement results

| $\square$ | No deviations from the technical specifications were ascertained  |
|-----------|---|
|           | There were deviations from the technical specifications ascertained   |
|           | This test report is only a partial test report. The content and verdict of the performed test cases are listed below. |

| TC Identifier | Description      | Verdict    | Date       | Remark |
|---------------|------------------|------------|------------|--------|
|               | CFR Part 15      |            |            |        |
| RF-Testing    | RSS 210 Issue 11 | See table! | 2024-10-22 | -/-    |
|               | RSS Gen Issue 5  |            |            |        |

| Test<br>specification<br>clause       | Test case  | Temperature conditions | Power source conditions | С           | NC | NA          | NP | Remark                      |
|---------------------------------------|--|------------------------|-------------------------|-------------|----|-------------|----|-----------------------------|
| RSS Gen<br>Issue 4 (6.6)              | Occupied bandwidth                                 | Nominal                | Nominal                 | X           |    |             |    | -/-                         |
| § 15.209                              | Field strength of the<br>fundamental               | Nominal                | Nominal                 | $\boxtimes$ |    |             |    | -/-                         |
| § 15.209<br>RSS Gen<br>Issue 5 (6.13) | Field strength of the<br>harmonics and<br>spurious | Nominal                | Nominal                 | X           |    |             |    | -/-                         |
| §15.107<br>§15.207                    | Conducted limits                                   | Nominal                | Nominal                 |             |    | $\boxtimes$ |    | Battery<br>powered<br>only! |

**Note:** NA = Not applicable; NP = Not performed; C = Compliant; NC = Not compliant

## 11 Additional comments

Reference documents: None

Special test descriptions: None

Configuration descriptions: None



## 12 Measurement results

#### 12.1 Occupied bandwidth

#### Measurement:

The emission bandwidth (x dB) is defined as the frequency range between two points, one above and one below the carrier frequency, at which the spectral density of the emission is attenuated x dB below the maximum inband spectral density of the modulated signal.

| Measurement parameters   |                                      |  |  |
|--------------------------|--------------------------------------|--|--|
| Detector:                | Peak                                 |  |  |
| Resolution bandwidth:    | 1 % – 5 % of the occupied bandwidth* |  |  |
| Video bandwidth:         | ≥ 3x RBW                             |  |  |
| Trace mode:              | Max hold                             |  |  |
| Analyser function:       | 99 % power function                  |  |  |
| Used test setup:         | See sub clause 7.2 – A               |  |  |
| Measurement uncertainty: | See sub clause 9                     |  |  |

#### Limit:

| IC                                      |
|---|
| for RSP-100 test report coversheet only |
|   |

#### Result:

#### Barryvox 2

| 99% emission bandwidth   |  |  |  |
|--|--|--|--|
| 0.593 kHz  |  |  |  |
| *The 1-5% RBW criterion is not applicable because of the low occupied bandwidth of the signal. |  |  |  |

#### Barryvox S2

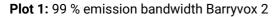
| 99% emission bandwidth   |  |  |
|--|--|--|
| 0.614 kHz  |  |  |
| The 1 FW DDW exiterion is not applicable because of the law accupied bandwidth of the signal |  |  |

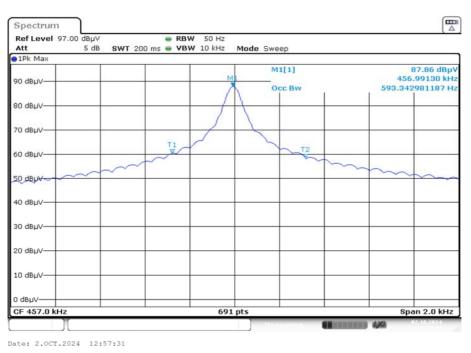
\*The 1-5% RBW criterion is not applicable because of the low occupied bandwidth of the signal.

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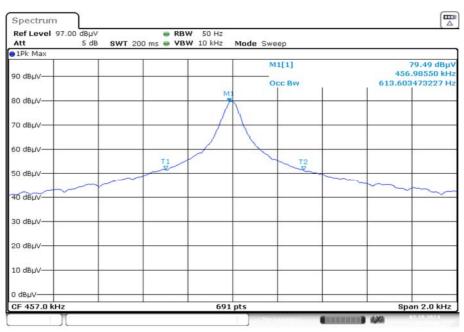


### Plot:





Plot 1: 99 % emission bandwidth Barryvox S2



Date: 2.0CT.2024 12:55:36



# 12.2 Field strength of the fundamental

#### Measurement:

The maximum detected field strength for the carrier signal.

| Measurement parameters   |                        |  |  |
|--------------------------|------------------------|--|--|
| Detector:                | average                |  |  |
| Resolution bandwidth:    | 10 kHz                 |  |  |
| Video bandwidth:         | ≥ 3x RBW               |  |  |
| Trace mode:              | Max hold               |  |  |
| Used test setup          | See sub clause 7.1 – A |  |  |
| Measurement uncertainty: | See sub clause 9       |  |  |

#### Limit:

| FCC             |  |                      |  |  |
|-----------------|--|----------------------|--|--|
| Frequency       | Field strength                         | Measurement distance |  |  |
| (MHz)           | (µV/m)                                 | (m)                  |  |  |
| 9 kHz – 490 kHz | 2400 / F(kHz); 14.4 dBµV/m for 457 kHz | 300                  |  |  |

| IC              |  |                      |  |  |
|-----------------|--|----------------------|--|--|
| Frequency       | Field strength                           | Measurement distance |  |  |
| (MHz)           | (µV/m)                                   | (m)                  |  |  |
| 9 kHz – 490 kHz | 6.37 / F(kHz); -37.11 dBµV/m for 457 kHz | 300                  |  |  |

#### **Recalculation:**

| According to ANSI C63.10 |   |                         |  |
|--------------------------|---|-------------------------|--|
| Frequency                | Formula   | Correction value        |  |
| 457 kHz                  | $\begin{split} FS_{limit} &= FS_{max} - 40 \log \left( \frac{d_{nearfiel}}{d_{measure}} \right) - 20 log(\frac{d_{limit}}{d_{measure}}) \\ FS_{limit} & \text{is the calculation of field strength at the limit distance,} \\ expressed in dB\muV/m \\ FS_{max} & \text{is the measured field strength, expressed in dB\muV/m} \\ d_{near field} & \text{is the } \lambda/2\pi \text{ distance} \\ d_{measure} & \text{is the reference limit distance} \\ \end{bmatrix}$ | -70.8 from 3 m to 300 m |  |



## <u>Result:</u>

Barryvox 2

| Field strength of the fundamental |             |              |  |  |
|-----------------------------------|-------------|--------------|--|--|
| Frequency 457 kHz                 |             |              |  |  |
| Distance                          | @ 3 m       | @ 300 m      |  |  |
| Measured / calculated value FCC   | 76.3 dBµV/m | 5.5 dBµV/m   |  |  |
| Measured / calculated value IC    | 24.8 dBµA/m | -46.0 dBµA/m |  |  |

#### Barryvox S2

| Field strength of the fundamental |   |              |  |
|-----------------------------------|---|--------------|--|
| Frequency                         | 457 kHz   |              |  |
| Distance @ 3 m @ 300 m            |   | @ 300 m      |  |
| Measured / calculated value FCC   | Aleasured / calculated value FCC 76.9 dBµV/m 6.1 dBµV/m |              |  |
| Measured / calculated value IC    | 25.4 dBµA/m   | -45.4 dBµA/m |  |



## **12.3 Field strength of the harmonics and spurious**

#### Measurement:

The maximum detected field strength for the harmonics and spurious.

| Measurement parameters   |                               |  |
|--------------------------|-------------------------------|--|
| Detector:                | Quasi peak / average or       |  |
| Detector.                | peak (worst case – pre-scan)  |  |
| Resolution bandwidth:    | F < 150 kHz: 200 Hz           |  |
| Resolution bandwidth.    | 150 kHz < F < 30 MHz: 9 kHz   |  |
| Video bandwidth:         | F < 150 kHz: 1 kHz            |  |
|                          | 150 kHz < F < 30 MHz: 100 kHz |  |
| Trace mode:              | Max hold                      |  |
| Used test setup:         | See sub clause 7.1 – A        |  |
| Measurement uncertainty: | See sub clause 9              |  |

#### Limit:

| FCC           |                   |                      |  |
|---------------|-------------------|----------------------|--|
| Frequency     | Field strength    | Measurement distance |  |
| (MHz)         | (dBµV/m)          | (m)                  |  |
| 0.009 - 0.490 | 2400/F(kHz)       | 300                  |  |
| 0.490 - 1.705 | 24000/F(kHz)      | 30                   |  |
| 1.705 – 30    | 30 (29.5 dBµV/m)  | 30                   |  |
| 30 - 88       | 100 (40 dBµV/m)   | 3                    |  |
| 88 - 216      | 150 (43.5 dBµV/m) | 3                    |  |
| 216 - 960     | 200 (46 dBµV/m)   | 3                    |  |

| IC                       |                   |                      |
|--------------------------|-------------------|----------------------|
| Frequency Field strength |                   | Measurement distance |
| (MHz)                    | (μA/m)            | (m)                  |
| 0.009 - 0.490            | 6.37/F (F in kHz) | 300                  |
| 0.490 - 1.705            | 63.7/F (F in kHz) | 30                   |
| 1.705 - 30               | 0.08 (-22 dBµA/m) | 30                   |

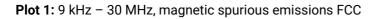
### Result:

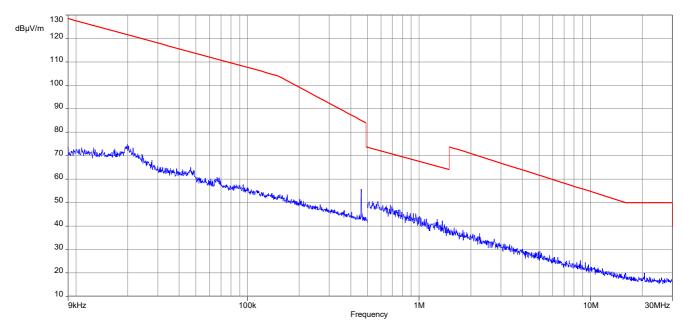
#### Barryvox 2 & Barryvox S2

| Detected emissions  |          |                               |                |
|---|----------|-------------------------------|----------------|
| Frequency<br>(MHz)  | Detector | Resolution bandwidth<br>(kHz) | Detected value |
| All detected peak emissions below 30 MHz are more than 20 dB below the average limit. |          |                               |                |

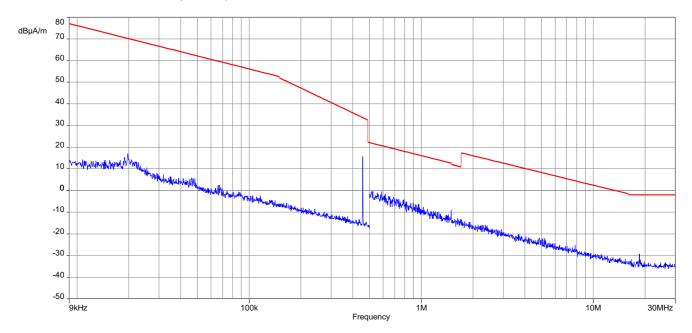


#### Plots: Barryvox 2



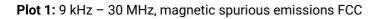


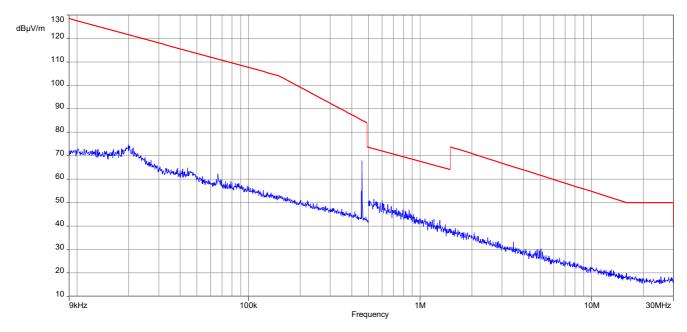
Plot 2: 9 kHz - 30 MHz, magnetic spurious emissions IC



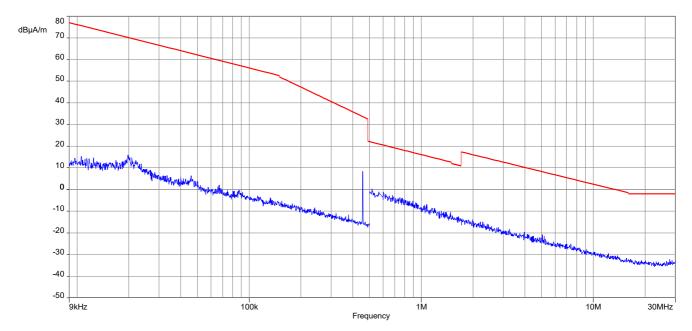


#### Plots: Barryvox S2





Plot 2: 9 kHz - 30 MHz, magnetic spurious emissions IC





## 13 Observations

No observations except those reported with the single test cases have been made.



# 14 Glossary

| AVG              | Average   |  |
|------------------|---|--|
| C                | Compliant   |  |
| C/N <sub>0</sub> | Carrier to noise-density ratio, expressed in dB-Hz                        |  |
| CAC              | Channel availability check  |  |
| CAC              | Clean wave  |  |
| DC               |   |  |
| DFS              | Duty cycle  |  |
| DESS             | Dynamic frequency selection Dynamic sequence spread spectrum              |  |
| DUSS             | Device under test   |  |
| EN               |   |  |
| ETSI             | European Standard<br>European Telecommunications Standards Institute      |  |
| ETSI             | Electromagnetic Compatibility   |  |
|                  |   |  |
| EUT<br>FCC       | Equipment under test Federal Communications Commission                    |  |
|                  |   |  |
| FCC ID<br>FHSS   | Company Identifier at FCC   |  |
| FVIN             | Frequency hopping spread spectrum Firmware version identification number  |  |
|                  |   |  |
| GNSS             | Global Navigation Satellite System  |  |
| GUE              | GNSS User Equipment   |  |
| HMN              | Host marketing name   |  |
| HVIN             | Hardware version identification number                                    |  |
| HW               | Hardware  |  |
|                  | Industry Canada   |  |
| Inv. No.         | Inventory number  |  |
| MC               | Modulated carrier   |  |
| NA               | Not applicable  |  |
| NC<br>NOP        | Not compliant   |  |
|                  | Non occupancy period  |  |
| NP               | Not performed   |  |
| OBW              | Occupied bandwidth  |  |
| 00               | Operating channel   |  |
| OCW<br>OFDM      | Operating channel bandwidth<br>Orthogonal frequency division multiplexing |  |
| OFDIM<br>00B     | Out of band   |  |
| 00B<br>0P        |   |  |
| PER              | Occupancy period Packet error rate  |  |
| PER              | Product marketing name  |  |
| PININ            | Positive peak   |  |
| QP               | Quasi peak  |  |
| RLAN             | Radio local area network  |  |
| S/N or SN        | Serial number   |  |
| S/N OF SN<br>SW  | Software  |  |
| UUT              | Unit under test   |  |
| WLAN             | Wireless local area network   |  |
| WLAN             |   |  |



## 15 Document history

| Version | Applied changes | Date of release |
|---------|-----------------|-----------------|
| R01     | Initial release | 2024-10-10      |