

TEST REPORT

Product Name : Bluetooth controller
Brand Mark : N/A
Model No. : INFBC4
FCC ID : 2A2K9-INFBC4
Report Number : BLA-EMC-202204-A9902
Date of Sample Receipt : 2022/4/29
Date of Test : 2022/4/29 to 2022/5/26
Date of Issue : 2022/5/26
Test Standard : 47 CFR Part 15, Subpart C 15.247
Test Result : Pass

Prepared for:

PROSPEC ELECTRONICS of SC, Inc
3325 SOUTH MORGANS POINT ROAD. MT. PLEASANT. SC29466-6856
USA

Prepared by:

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Review by:

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Date:

2022/5/26



REPORT REVISE RECORD

| Version No. | Date | Description |
|--------------------|-------------|--------------------|
| 00 | 2022/5/26 | Original |

BlueAsia

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1 TEST SUMMARY

| Test item | Test Requirement | Test Method | Class/Severity | Result |
|---|----------------------------------|--|--|--------|
| Antenna Requirement | 47 CFR Part 15, Subpart C 15.247 | N/A | 47 CFR Part 15, Subpart C 15.203 & 15.247(c) | Pass |
| Conducted Spurious Emissions | 47 CFR Part 15, Subpart C 15.247 | ANSI C63.10 (2013) Section 7.8.6 & Section 11.11 | 47 CFR Part 15, Subpart C 15.247(d) | Pass |
| 20dB Bandwidth | 47 CFR Part 15, Subpart C 15.247 | ANSI C63.10 (2013) Section 7.8.7 | 47 CFR Part 15, Subpart C 15.247(a)(1) | Pass |
| Conducted Peak Output Power | 47 CFR Part 15, Subpart C 15.247 | ANSI C63.10 (2013) Section 7.8.5 | 47 CFR Part 15, Subpart C 15.247(b)(3) | Pass |
| Conducted Emissions at AC Power Line (150kHz-30MHz) | 47 CFR Part 15, Subpart C 15.247 | ANSI C63.10 (2013) Section 6.2 | 47 CFR Part 15, Subpart C 15.207 | Pass |
| Radiated Spurious Emissions | 47 CFR Part 15, Subpart C 15.247 | ANSI C63.10 (2013) Section 6.4,6.5,6.6 | 47 CFR Part 15, Subpart C 15.209 & 15.247(d) | Pass |
| Radiated Emissions which fall in the restricted bands | 47 CFR Part 15, Subpart C 15.247 | ANSI C63.10 (2013) Section 6.10.5 | 47 CFR Part 15, Subpart C 15.209 & 15.247(d) | Pass |
| Conducted Band Edges Measurement | 47 CFR Part 15, Subpart C 15.247 | ANSI C63.10 (2013) Section 7.8.8 & Section 11.13.3.2 | 47 CFR Part 15, Subpart C 15.247(d) | Pass |
| Dwell Time | 47 CFR Part 15, Subpart C 15.247 | ANSI C63.10 (2013) Section 7.8.4 | 47 CFR Part 15, Subpart C 15.247a(1)(iii) | Pass |
| Hopping Channel Number | 47 CFR Part 15, Subpart C 15.247 | ANSI C63.10 (2013) Section 7.8.3 | 47 CFR Part 15, Subpart C 15.247a(1)(iii) | Pass |
| Carrier Frequencies Separation | 47 CFR Part 15, Subpart C 15.247 | ANSI C63.10 (2013) Section 7.8.2 | 47 CFR Part 15, Subpart C 15.247a(1) | Pass |

2 GENERAL INFORMATION

| | |
|-----------------------|--|
| Applicant | PROSPEC ELECTRONICS of SC, Inc |
| Address | 3325 SOUTH MORGANS POINT ROAD. MT. PLEASANT. SC29466-6856 USA |
| Manufacturer | PROSPEC ELECTRONICS of SC, Inc |
| Address | 3325 SOUTH MORGANS POINT ROAD. MT. PLEASANT. SC29466-6856 USA |
| Factory | Audio Link Co.,Ltd. |
| Address | Left Side of Floor 4,Building B,No.2,Lilian Road,Lianhu Community,Tangxia Town,Dongguan City,Guangdong Province,523719,China. |
| Product Name | Bluetooth controller |
| Test Model No. | INFBC4 |

3 GENERAL DESCRIPTION OF E.U.T.

| | |
|-----------------------------|----------------------------------|
| Hardware Version | V1.0 |
| Software Version | N/A |
| Operation Frequency: | 2402MHz-2480MHz |
| Modulation Type: | GFSK, pi/4DQPSK, 8DPSK |
| Channel Spacing: | 1MHz |
| Number of Channels: | 79 |
| Antenna Type: | PCB Antenna |
| Antenna Gain: | 0dBi (Provided by the applicant) |

4 TEST ENVIRONMENT

| Environment | Temperature | Voltage |
|-------------|-------------|---------|
| Normal | 25 °C | 12Vdc |

5 TEST MODE

| TEST MODE | TEST MODE DESCRIPTION |
|--|---|
| Transmitting mode | Keep the EUT in continuously transmitting mode with modulation. (hopping and non hopping mode all have been tested, non hopping mode is worse case for RE) |
| Remark: Full battery is used during all test except ac conducted emission, DH1, DH3, DH5 all have been tested, during the test, GFSK, Pi/4QPSK, 8-DPSK modulation were all pre-scanned only Pi/4QPSK worse case is reported. | |

6 MEASUREMENT UNCERTAINTY

| Parameter | Expanded Uncertainty (Confidence of 95%) |
|--|--|
| Radiated Emission(9kHz-30MHz) | ±4.34dB |
| Radiated Emission(30Mz-1000MHz) | ±4.24dB |
| Radiated Emission(1GHz-18GHz) | ±4.68dB |
| AC Power Line Conducted Emission(150kHz-30MHz) | ±3.45dB |

7 DESCRIPTION OF SUPPORT UNIT

| Device Type | Manufacturer | Model Name | Serial No. | Remark |
|-------------|--------------|------------|------------|--------|
| N/A | N/A | N/A | N/A | N/A |

8 LABORATORY LOCATION

All tests were performed at:
BlueAsia of Technical Services(Shenzhen) Co., Ltd.
Building C, No. 107, Shihuan Road, Shiyuan Sub-District, Baoan District, Shenzhen, Guangdong Province,
China
Telephone: TEL: +86-755-28682673 FAX: +86-755-28682673
No tests were sub-contracted.

9 TEST INSTRUMENTS LIST

| Test Equipment Of Conducted Spurious Emissions | | | | | |
|--|--------------|--------|------------|-----------|-----------|
| Equipment | Manufacturer | Model | S/N | Cal.Date | Cal.Due |
| Spectrum | R&S | FSP40 | 100817 | 24/9/2021 | 23/9/2022 |
| Spectrum | Agilent | N9020A | MY49100060 | 24/9/2021 | 23/9/2022 |
| Signal Generator | Agilent | N5182A | MY49060650 | 24/9/2021 | 23/9/2022 |
| Signal Generator | Agilent | E8257D | MY44320250 | 24/9/2021 | 23/9/2022 |

| Test Equipment Of 20dB Bandwidth | | | | | |
|----------------------------------|--------------|--------|------------|-----------|-----------|
| Equipment | Manufacturer | Model | S/N | Cal.Date | Cal.Due |
| Spectrum | R&S | FSP40 | 100817 | 24/9/2021 | 23/9/2022 |
| Spectrum | Agilent | N9020A | MY49100060 | 24/9/2021 | 23/9/2022 |
| Signal Generator | Agilent | N5182A | MY49060650 | 24/9/2021 | 23/9/2022 |
| Signal Generator | Agilent | E8257D | MY44320250 | 24/9/2021 | 23/9/2022 |

| Test Equipment Of Conducted Peak Output Power | | | | | |
|---|--------------|--------|------------|-----------|-----------|
| Equipment | Manufacturer | Model | S/N | Cal.Date | Cal.Due |
| Spectrum | R&S | FSP40 | 100817 | 24/9/2021 | 23/9/2022 |
| Spectrum | Agilent | N9020A | MY49100060 | 24/9/2021 | 23/9/2022 |
| Signal Generator | Agilent | N5182A | MY49060650 | 24/9/2021 | 23/9/2022 |
| Signal Generator | Agilent | E8257D | MY44320250 | 24/9/2021 | 23/9/2022 |

| Test Equipment Of Conducted Emissions at AC Power Line (150kHz-30MHz) | | | | | |
|---|--------------|-------|-----|----------|---------|
| Equipment | Manufacturer | Model | S/N | Cal.Date | Cal.Due |

| | | | | | |
|--------------|------|---------|---------------|------------|------------|
| Shield room | SKET | 833 | N/A | 25/11/2020 | 24/11/2023 |
| Receiver | R&S | ESPI3 | 101082 | 24/9/2021 | 23/9/2022 |
| LISN | R&S | ENV216 | 3560.6550.15 | 24/9/2021 | 23/9/2022 |
| LISN | AT | AT166-2 | AKK1806000003 | 26/9/2021 | 25/9/2022 |
| EMI software | EZ | EZ-EMC | N/A | N/A | N/A |

Test Equipment Of Radiated Spurious Emissions

| Equipment | Manufacturer | Model | S/N | Cal.Date | Cal.Due |
|-------------------|--------------|--------------|------------------|------------|-----------|
| Chamber | SKET | 966 | N/A | 10/11/2020 | 9/11/2023 |
| Spectrum | R&S | FSP40 | 100817 | 24/9/2021 | 23/9/2022 |
| Receiver | R&S | ESR7 | 101199 | 24/9/2021 | 23/9/2022 |
| broadband Antenna | Schwarzbeck | VULB9168 | 00836 P:00227 | 26/9/2020 | 25/9/2022 |
| Horn Antenna | Schwarzbeck | 9120D | 01892 P:00331 | 26/9/2020 | 25/9/2022 |
| Amplifier | SKET | LNPA-0118-45 | N/A | 24/9/2021 | 23/9/2022 |
| EMI software | EZ | EZ-EMC | N/A | N/A | N/A |
| Loop antenna | SCHNARZBECK | FMZB1519B | 00102 | 26/9/2020 | 25/9/2022 |

Test Equipment Of Radiated Emissions which fall in the restricted bands

| Equipment | Manufacturer | Model | S/N | Cal.Date | Cal.Due |
|-----------|--------------|-------|--------|------------|-----------|
| Chamber | SKET | 966 | N/A | 10/11/2020 | 9/11/2023 |
| Spectrum | R&S | FSP40 | 100817 | 24/9/2021 | 23/9/2022 |
| Receiver | R&S | ESR7 | 101199 | 24/9/2021 | 23/9/2022 |

| | | | | | |
|-------------------|-------------|--------------|------------------|-----------|-----------|
| broadband Antenna | Schwarzbeck | VULB9168 | 00836 P:00227 | 26/9/2020 | 25/9/2022 |
| Horn Antenna | Schwarzbeck | 9120D | 01892 P:00331 | 26/9/2020 | 25/9/2022 |
| Amplifier | SKET | LNPA-0118-45 | N/A | 24/9/2021 | 23/9/2022 |
| EMI software | EZ | EZ-EMC | N/A | N/A | N/A |
| Loop antenna | SCHNARZBECK | FMZB1519B | 00102 | 26/9/2020 | 25/9/2022 |

Test Equipment Of Conducted Band Edges Measurement

| Equipment | Manufacturer | Model | S/N | Cal.Date | Cal.Due |
|------------------|--------------|--------|------------|-----------|-----------|
| Spectrum | R&S | FSP40 | 100817 | 24/9/2021 | 23/9/2022 |
| Spectrum | Agilent | N9020A | MY49100060 | 24/9/2021 | 23/9/2022 |
| Signal Generator | Agilent | N5182A | MY49060650 | 24/9/2021 | 23/9/2022 |
| Signal Generator | Agilent | E8257D | MY44320250 | 24/9/2021 | 23/9/2022 |

Test Equipment Of Dwell Time

| Equipment | Manufacturer | Model | S/N | Cal.Date | Cal.Due |
|------------------|--------------|--------|------------|-----------|-----------|
| Spectrum | R&S | FSP40 | 100817 | 24/9/2021 | 23/9/2022 |
| Spectrum | Agilent | N9020A | MY49100060 | 24/9/2021 | 23/9/2022 |
| Signal Generator | Agilent | N5182A | MY49060650 | 24/9/2021 | 23/9/2022 |
| Signal Generator | Agilent | E8257D | MY44320250 | 24/9/2021 | 23/9/2022 |

Test Equipment Of Hopping Channel Number

| Equipment | Manufacturer | Model | S/N | Cal.Date | Cal.Due |
|-----------|--------------|-------|--------|-----------|-----------|
| Spectrum | R&S | FSP40 | 100817 | 24/9/2021 | 23/9/2022 |

| | | | | | |
|------------------|---------|--------|------------|-----------|-----------|
| Spectrum | Agilent | N9020A | MY49100060 | 24/9/2021 | 23/9/2022 |
| Signal Generator | Agilent | N5182A | MY49060650 | 24/9/2021 | 23/9/2022 |
| Signal Generator | Agilent | E8257D | MY44320250 | 24/9/2021 | 23/9/2022 |

Test Equipment Of Carrier Frequencies Separation

| Equipment | Manufacturer | Model | S/N | Cal.Date | Cal.Due |
|------------------|--------------|--------|------------|-----------|-----------|
| Spectrum | R&S | FSP40 | 100817 | 24/9/2021 | 23/9/2022 |
| Spectrum | Agilent | N9020A | MY49100060 | 24/9/2021 | 23/9/2022 |
| Signal Generator | Agilent | N5182A | MY49060650 | 24/9/2021 | 23/9/2022 |
| Signal Generator | Agilent | E8257D | MY44320250 | 24/9/2021 | 23/9/2022 |

10 ANTENNA REQUIREMENT

| | |
|---------------|----------------------------------|
| Test Standard | 47 CFR Part 15, Subpart C 15.247 |
| Test Method | N/A |

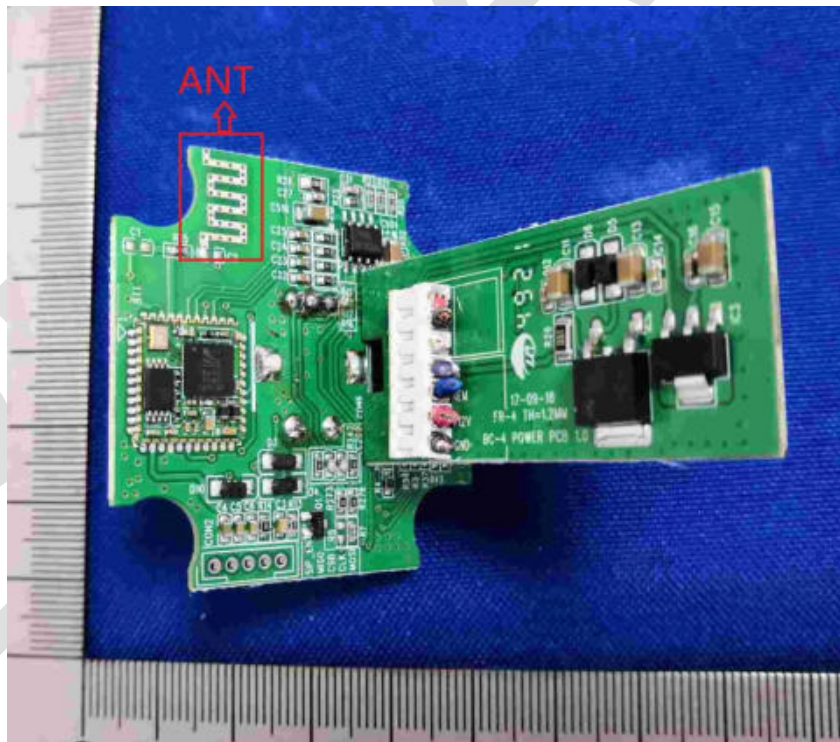
10.1 CONCLUSION

Standard Requirement:

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit permanently attached antenna or of an so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

EUT Antenna:

The antenna is integrated on the main PCB and no consideration of replacement. The best case gain of the antenna is 0dBi.



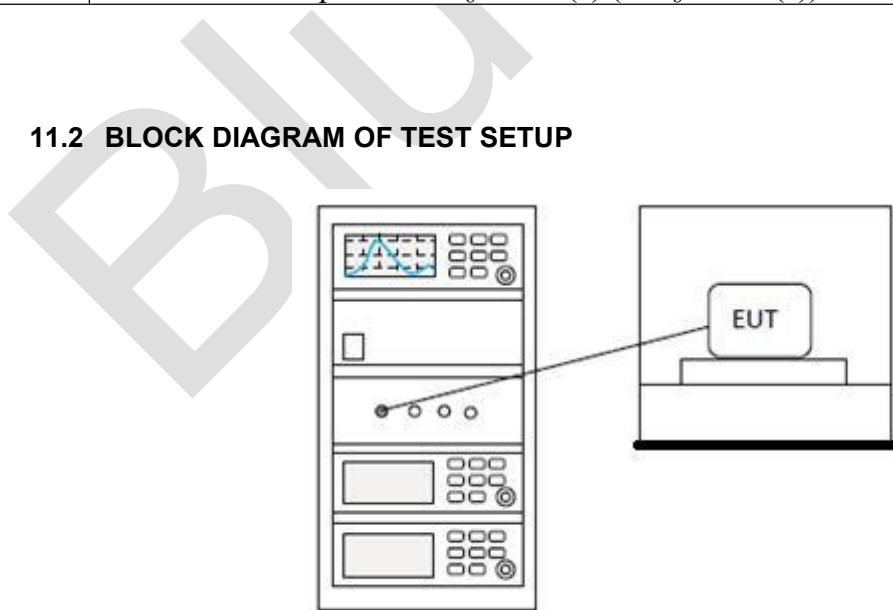
11 CONDUCTED SPURIOUS EMISSIONS

| | |
|-------------------------------|--|
| Test Standard | 47 CFR Part 15, Subpart C 15.247 |
| Test Method | ANSI C63.10 (2013) Section 7.8.6 & Section 11.11 |
| Test Mode (Pre-Scan) | TX |
| Test Mode (Final Test) | TX |
| Tester | Jozu |
| Temperature | 25°C |
| Humidity | 50% |

11.1 LIMITS

| | |
|---------------|---|
| Limit: | <p>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)).</p> |
|---------------|---|

11.2 BLOCK DIAGRAM OF TEST SETUP



11.3 TEST DATA

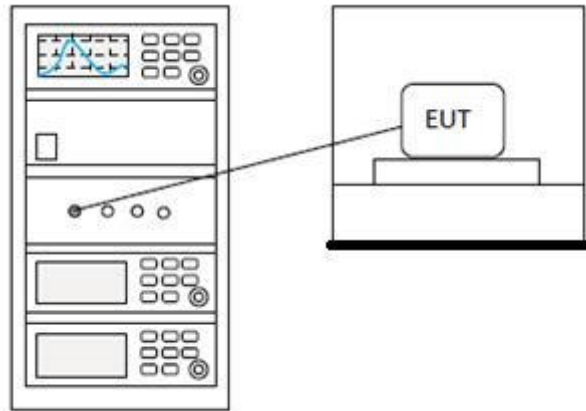
Pass: Please Refer To Appendix: Appendix1 For Details

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12 20DB BANDWIDTH

| | |
|------------------------|----------------------------------|
| Test Standard | 47 CFR Part 15, Subpart C 15.247 |
| Test Method | ANSI C63.10 (2013) Section 7.8.7 |
| Test Mode (Pre-Scan) | TX |
| Test Mode (Final Test) | TX |
| Tester | Jozu |
| Temperature | 25°C |
| Humidity | 50% |

12.1 BLOCK DIAGRAM OF TEST SETUP



12.2 TEST DATA

Pass: Please Refer To Appendix: Appendix1 For Details

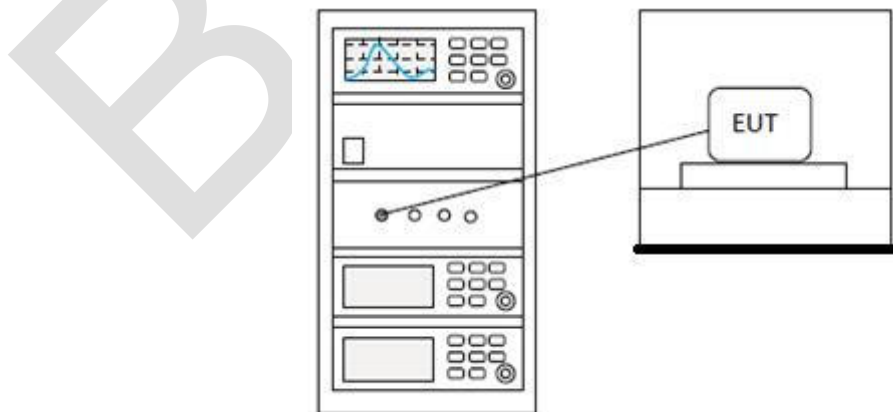
13 CONDUCTED PEAK OUTPUT POWER

| | |
|-------------------------------|----------------------------------|
| Test Standard | 47 CFR Part 15, Subpart C 15.247 |
| Test Method | ANSI C63.10 (2013) Section 7.8.5 |
| Test Mode (Pre-Scan) | TX |
| Test Mode (Final Test) | TX |
| Tester | Jozu |
| Temperature | 25°C |
| Humidity | 50% |

13.1 LIMITS

| Frequency range(MHz) | Output power of the intentional radiator(watt) |
|----------------------|--|
| 902-928 | 1 for ≥ 50 hopping channels |
| | 0.25 for $25 \leq$ hopping channels < 50 |
| | 1 for digital modulation |
| 2400-2483.5 | 1 for ≥ 75 non-overlapping hopping channels |
| | 0.125 for all other frequency hopping systems |
| | 1 for digital modulation |
| 5725-5850 | 1 for frequency hopping systems and digital modulation |

13.2 BLOCK DIAGRAM OF TEST SETUP



13.3 TEST DATA

Pass: Please Refer To Appendix: Appendix1 For Details

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14 RADIATED SPURIOUS EMISSIONS

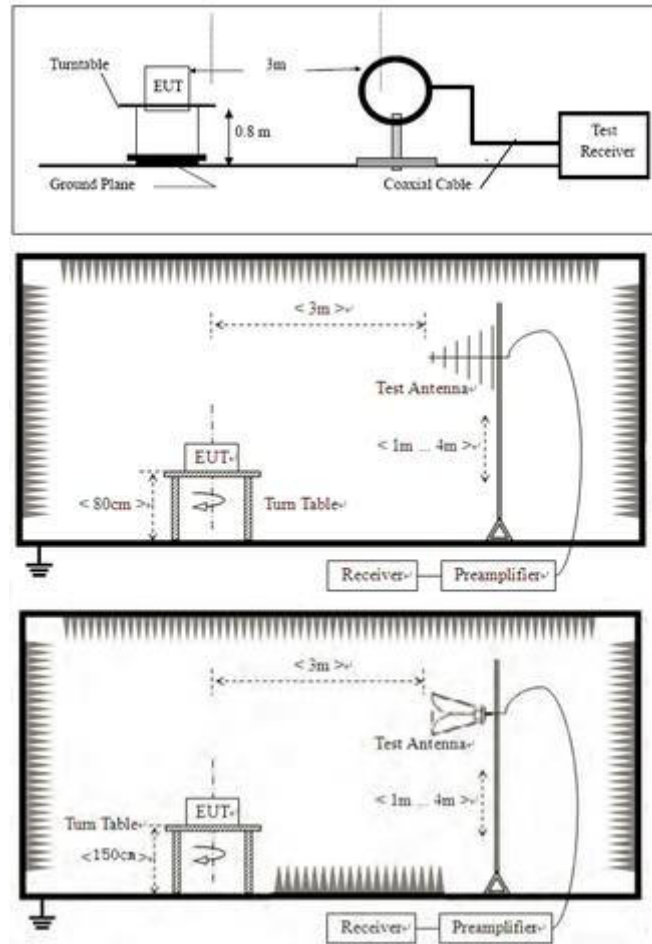
| | |
|-------------------------------|--|
| Test Standard | 47 CFR Part 15, Subpart C 15.247 |
| Test Method | ANSI C63.10 (2013) Section 6.4,6.5,6.6 |
| Test Mode (Pre-Scan) | TX |
| Test Mode (Final Test) | TX |
| Tester | Jozu |
| Temperature | 25°C |
| Humidity | 50% |

14.1 LIMITS

| 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 |

Remark: The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90kHz, 110-490kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation.

14.2 BLOCK DIAGRAM OF TEST SETUP



14.3 PROCEDURE

- For below 1GHz, the EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 or 10 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- For above 1GHz, the EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter fully-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- The EUT was set 3 or 10 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
- If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.

- h. Test the EUT in the lowest channel, the middle channel, the Highest channel.
- i. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is the worst case.
- j. Repeat above procedures until all frequencies measured was complete.

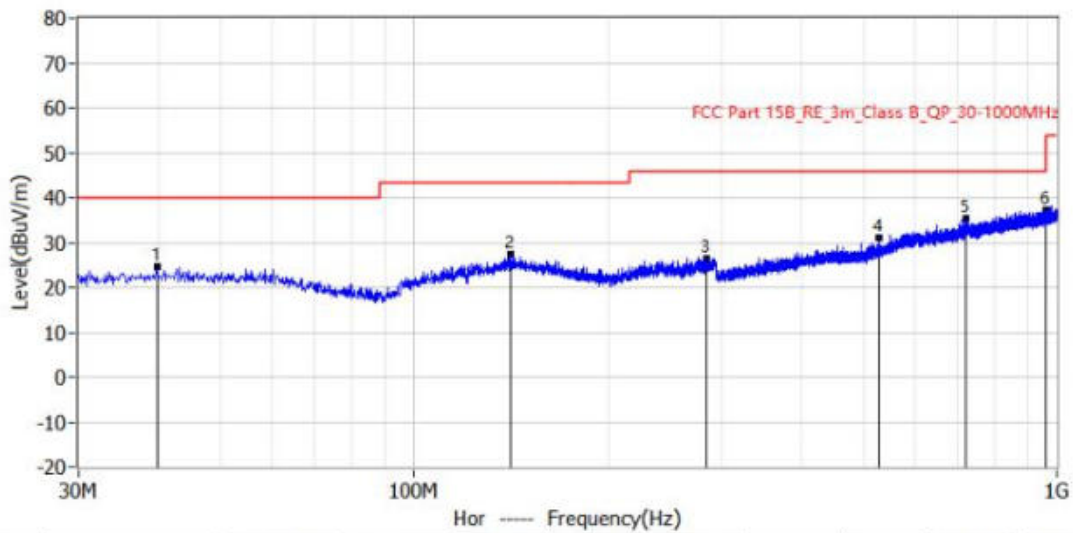
Remark:

- 1) For emission below 1GHz, through pre-scan found the worst case is the lowest channel. Only the worst case is recorded in the report.
- 2) The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier. The basic equation with a sample calculation is as follows:
Final Test Level = Receiver Reading + Antenna Factor + Cable Factor - Preamplifier Factor
- 3) Scan from 9kHz to 25GHz, the disturbance above 12.75GHz and below 30MHz was very low. The points marked on above plots are the highest emissions could be found when testing, so only above points had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported. fundamental frequency is blocked by filter, and only spurious emission is shown.
- 4) For frequencies above 1GHz, the field strength limits are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation. For the emissions whose peak level is lower than the average limit, only the peak measurement is shown in the report.

14.4 TEST DATA

[TestMode: TX mode (SE) below 1G]; [Polarity: Horizontal]

| | |
|------------------------------------|--------------------------------|
| Test Lab: BlueAsia EMC Lab (RE #1) | Project: BLA-EMC-202204-A99 |
| EUT: Bluetooth controller | Test Engineer: Mikey |
| M/N: INFBC4 | Temperature: |
| S/N: | Humidity: |
| Test Mode: TX | Test Voltage: |
| Note: | Test Data: 2022-05-18 17:32:50 |

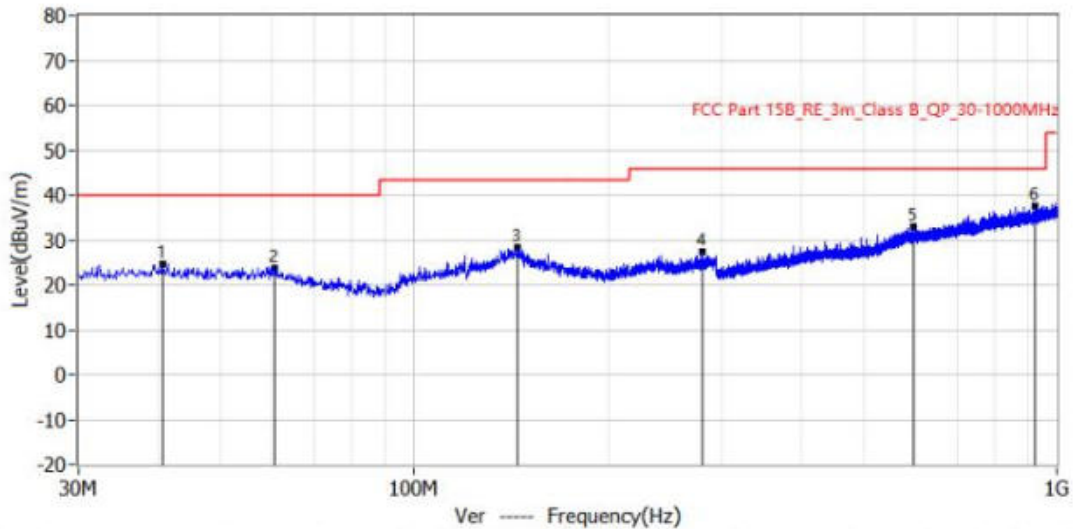


| No. | Frequency | Limit dBuV/m | Level dBuV/m | Delta dB | Reading dBuV | Factor dB/m | Detector | Polar | Height cm | Angle deg |
|-----|------------|--------------|--------------|----------|--------------|-------------|----------|-------|-----------|-----------|
| 1* | 39.700MHz | 40.0 | 24.7 | -15.3 | 0.6 | 24.1 | QP | Hor | 150.0 | 0.0 |
| 2* | 141.065MHz | 43.5 | 27.5 | -16.0 | 3.8 | 23.7 | QP | Hor | 150.0 | 108.0 |
| 3* | 285.353MHz | 46.0 | 26.6 | -19.4 | 2.9 | 23.7 | QP | Hor | 150.0 | 224.0 |
| 4* | 528.701MHz | 46.0 | 31.1 | -14.9 | 1.9 | 29.2 | QP | Hor | 150.0 | 259.0 |
| 5* | 722.701MHz | 46.0 | 35.4 | -10.6 | 2.9 | 32.5 | QP | Hor | 150.0 | 280.0 |
| 6* | 959.018MHz | 46.0 | 37.2 | -8.8 | 1.5 | 35.7 | QP | Hor | 150.0 | 26.0 |

Test Result: Pass

[TestMode: TX mode (SE) below 1G]; [Polarity: Vertical]

| | |
|--------------------------------------|--------------------------------|
| Test Lab: BlueAsia EMC Lab (RE #1) | Project: BLA-EMC-202204-A99 |
| EUT: Bluetooth controller | Test Engineer: Mikey |
| M/N: INFBC4 | Temperature: |
| S/N: | Humidity: |
| Test Mode: TX | Test Voltage: |
| Note: | Test Data: 2022-05-18 17:30:54 |

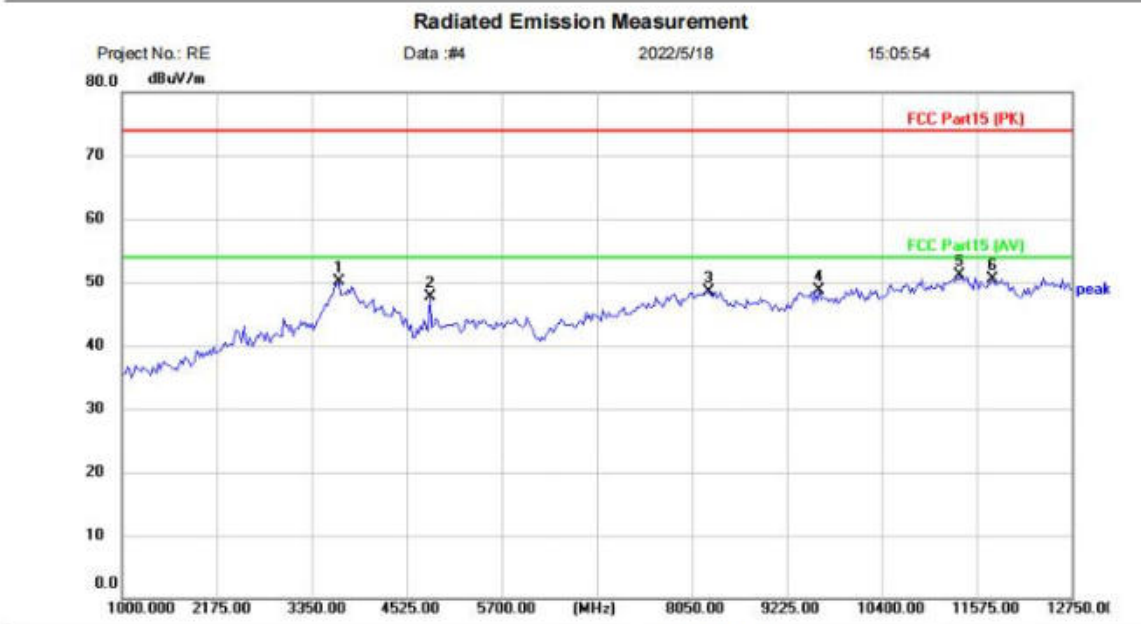


| No. | Frequency | Limit dBuV/m | Level dBuV/m | Delta dB | Reading dBuV | Factor dB/m | Detector | Polar | Height cm | Angle deg |
|-----|------------|--------------|--------------|----------|--------------|-------------|----------|-------|-----------|-----------|
| 1* | 40.549MHz | 40.0 | 24.7 | -15.3 | 0.6 | 24.1 | QP | Ver | 150.0 | 186.0 |
| 2* | 60.555MHz | 40.0 | 23.8 | -16.2 | 0.4 | 23.4 | QP | Ver | 150.0 | 0.0 |
| 3* | 144.339MHz | 43.5 | 28.2 | -15.3 | 4.6 | 23.6 | QP | Ver | 150.0 | 0.0 |
| 4* | 281.109MHz | 46.0 | 27.3 | -18.7 | 3.7 | 23.6 | QP | Ver | 150.0 | 0.0 |
| 5* | 597.693MHz | 46.0 | 33.0 | -13.0 | 1.8 | 31.2 | QP | Ver | 150.0 | 281.0 |
| 6* | 924.946MHz | 46.0 | 37.6 | -8.4 | 2.3 | 35.3 | QP | Ver | 150.0 | 62.0 |

Test Result: Pass

Above 1GHz:

[TestMode: TX low channel]; [Polarity: Horizontal]



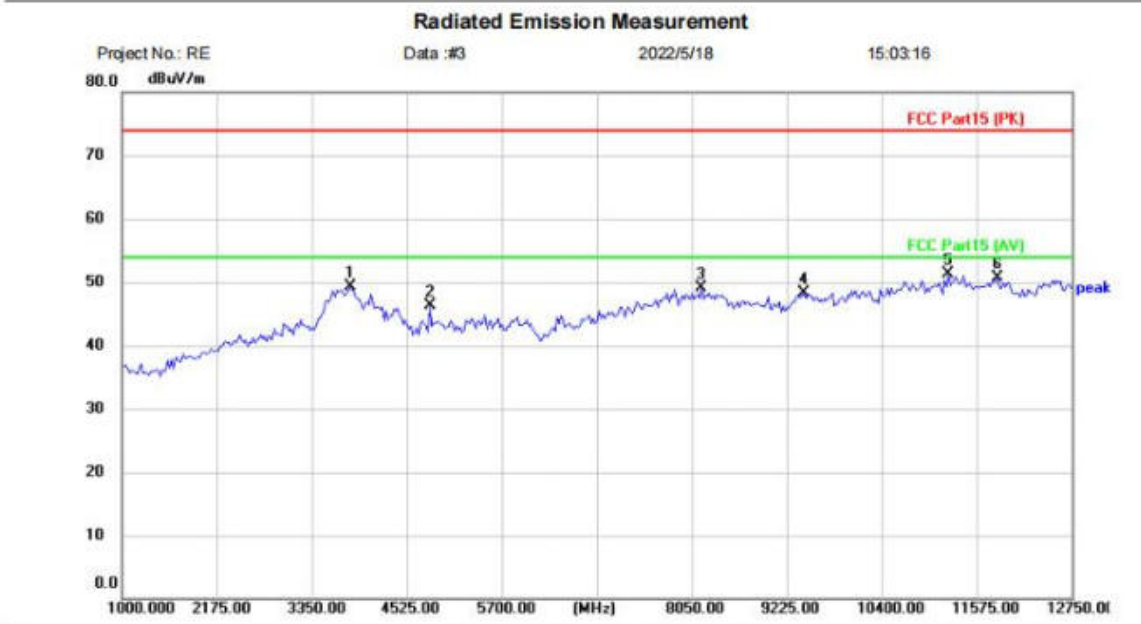
Site: Polarization: **Horizontal** Temperature: (C)
 Limit: FCC Part15 (PK) Power: Humidity: %RH
 EUT: Buletooth controller
 M/N: INFBC4
 Mode: TX-L
 Note:

| No. | Mk. | Freq. MHz | Reading Level dBuV | Correct Factor dB/m | Measure- ment dBuV/m | Limit dBuV/m | Over dB | Detector | Comment |
|-----|-----|--------------|--------------------------|---------------------------|----------------------------|-----------------|------------|----------|---------|
| 1 | | 3679.000 | 42.38 | 7.73 | 50.11 | 74.00 | -23.89 | peak | |
| 2 | | 4807.000 | 44.00 | 3.71 | 47.71 | 74.00 | -26.29 | peak | |
| 3 | | 8261.500 | 40.29 | 8.23 | 48.52 | 74.00 | -25.48 | peak | |
| 4 | | 9624.500 | 39.45 | 9.33 | 48.78 | 74.00 | -25.22 | peak | |
| 5 | * | 11363.500 | 39.22 | 11.81 | 51.03 | 74.00 | -22.97 | peak | |
| 6 | | 11763.000 | 38.90 | 11.63 | 50.53 | 74.00 | -23.47 | peak | |

*:Maximum data x:Over limit l:over margin (Reference Only)

Test Result: Pass

[TestMode: TX low channel]; [Polarity: Vertical]



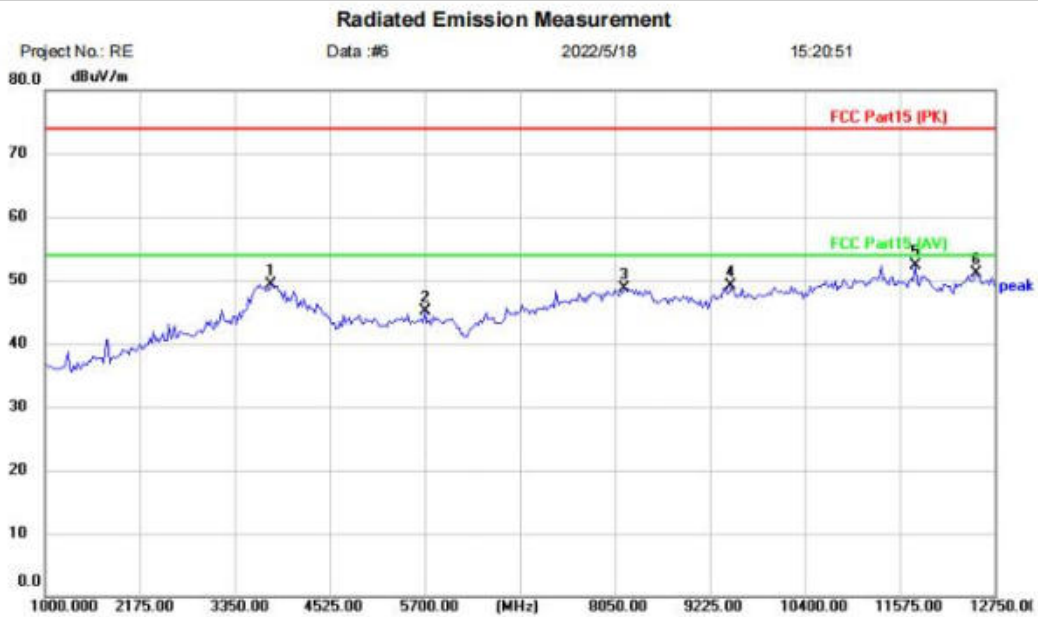
Site: Polarization: **Vertical** Temperature: (C)
 Limit: FCC Part15 (PK) Power: Humidity: %RH
 EUT: Buletooth controller
 M/N: INFBC4
 Mode: TX-L
 Note:

| No. | Mk. | Freq. MHz | Reading Level dBuV | Correct Factor dB/m | Measure- ment dBuV/m | Limit dBuV/m | Over dB | Detector | Comment |
|-----|-----|--------------|--------------------------|---------------------------|----------------------------|-----------------|------------|----------|---------|
| 1 | | 3820.000 | 41.95 | 7.41 | 49.36 | 74.00 | -24.64 | peak | |
| 2 | | 4807.000 | 42.55 | 3.71 | 46.26 | 74.00 | -27.74 | peak | |
| 3 | | 8167.500 | 40.96 | 8.17 | 49.13 | 74.00 | -24.87 | peak | |
| 4 | | 9436.500 | 39.40 | 8.91 | 48.31 | 74.00 | -25.69 | peak | |
| 5 | * | 11222.500 | 39.27 | 12.01 | 51.28 | 74.00 | -22.72 | peak | |
| 6 | | 11833.500 | 39.16 | 11.50 | 50.66 | 74.00 | -23.34 | peak | |

*:Maximum data x:Over limit l:over margin (Reference Only)

Test Result: Pass

[TestMode: TX mid channel]; [Polarity: Vertical]



Site: Polarization: **Vertical** Temperature: (C)
 Limit: FCC Part15 (PK) Power: Humidity: %RH
 EUT: Buletooth controller
 M/N: INFBC4
 Mode: TX-M
 Note:

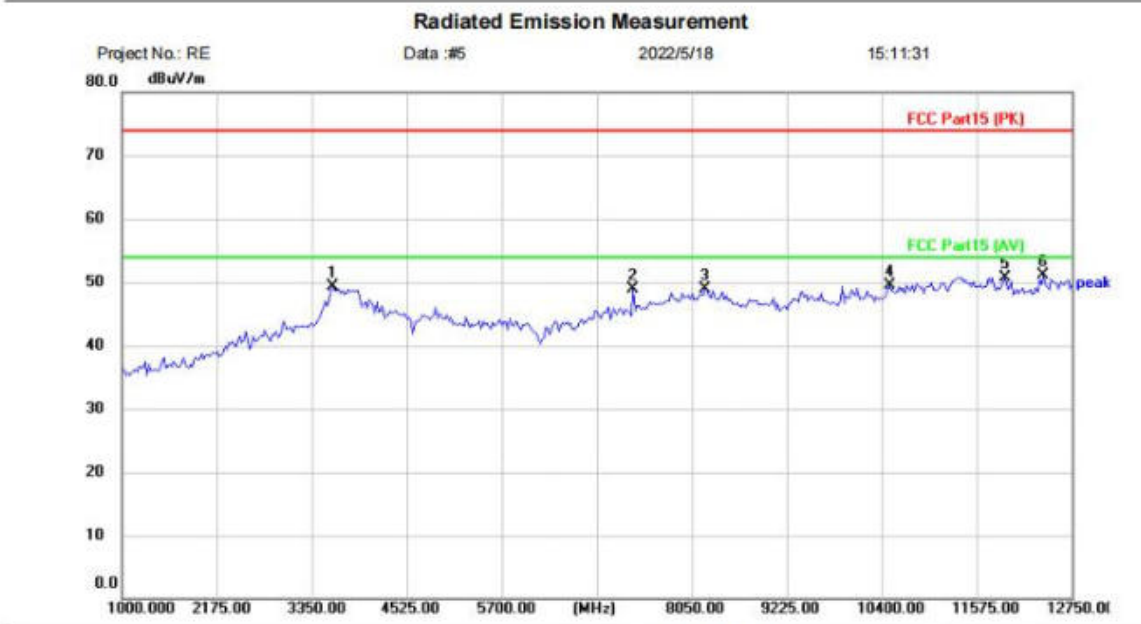
| No. | Mk. | Freq. MHz | Reading Level dBuV | Correct Factor dB/m | Measure- ment dBuV/m | Limit dBuV/m | Over dB | Detector | Comment |
|-----|-----|--------------|--------------------------|---------------------------|----------------------------|-----------------|------------|----------|---------|
| 1 | | 3796.500 | 41.74 | 7.65 | 49.39 | 74.00 | -24.61 | peak | |
| 2 | | 5700.000 | 41.11 | 3.97 | 45.08 | 74.00 | -28.92 | peak | |
| 3 | | 8167.500 | 40.54 | 8.17 | 48.71 | 74.00 | -25.29 | peak | |
| 4 | | 9483.500 | 40.14 | 9.02 | 49.16 | 74.00 | -24.84 | peak | |
| 5 | * | 11763.000 | 40.64 | 11.63 | 52.27 | 74.00 | -21.73 | peak | |
| 6 | | 12515.000 | 39.32 | 11.80 | 51.12 | 74.00 | -22.88 | peak | |

*:Maximum data x:Over limit !:over margin

(Reference Only)

Test Result: Pass

[TestMode: TX mid channel]; [Polarity: Horizontal]



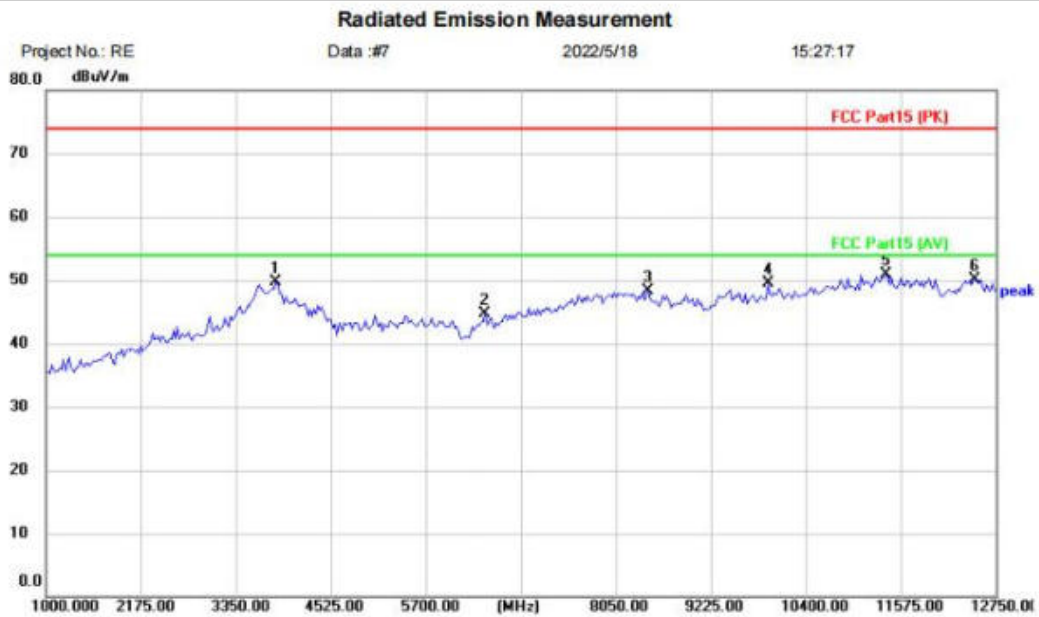
Site: Polarization: **Horizontal** Temperature: (C)
 Limit: FCC Part15 (PK) Power: Humidity: %RH
 EUT: Buletooth controller
 M/N: INFBC4
 Mode: TX-M
 Note:

| No. | Mk. | Freq. MHz | Reading Level dBuV | Correct Factor dB/m | Measure- ment dBuV/m | Limit dBuV/m | Over dB | Detector | Comment |
|-----|-----|--------------|--------------------------|---------------------------|----------------------------|-----------------|------------|----------|---------|
| 1 | | 3608.500 | 41.44 | 7.80 | 49.24 | 74.00 | -24.76 | peak | |
| 2 | | 7321.500 | 42.39 | 6.42 | 48.81 | 74.00 | -25.19 | peak | |
| 3 | | 8214.500 | 40.63 | 8.21 | 48.84 | 74.00 | -25.16 | peak | |
| 4 | | 10494.000 | 38.41 | 11.17 | 49.58 | 74.00 | -24.42 | peak | |
| 5 | | 11927.500 | 39.38 | 11.39 | 50.77 | 74.00 | -23.23 | peak | |
| 6 | * | 12397.500 | 39.30 | 11.78 | 51.08 | 74.00 | -22.92 | peak | |

*:Maximum data x:Over limit !:over margin (Reference Only)

Test Result: Pass

[TestMode: TX high channel]; [Polarity: Horizontal]



Site: Polarization: **Horizontal** Temperature: (C)
 Limit: FCC Part15 (PK) Power: Humidity: %RH
 EUT: Buletooth controller
 M/N: INFBC4
 Mode: TX-H
 Note:

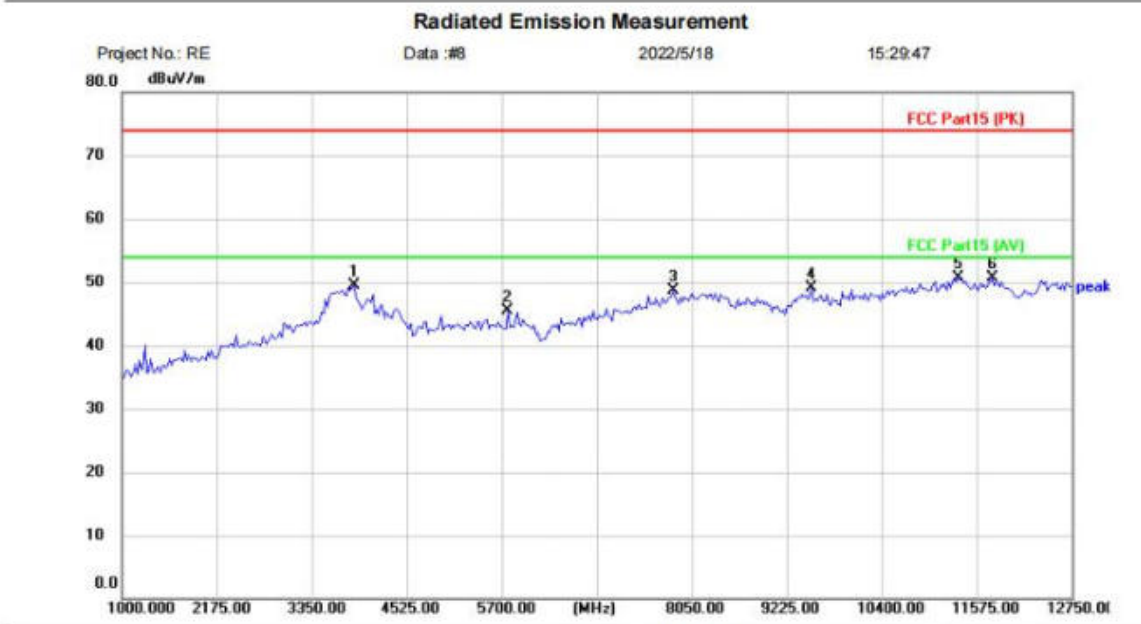
| No. | Mk. | Freq. MHz | Reading Level dBuV | Correct Factor dB/m | Measure- ment dBuV/m | Limit dBuV/m | Over dB | Detector | Comment |
|-----|-----|--------------|--------------------------|---------------------------|----------------------------|-----------------|------------|----------|---------|
| 1 | | 3843.500 | 42.57 | 7.12 | 49.69 | 74.00 | -24.31 | peak | |
| 2 | | 6428.500 | 40.79 | 3.95 | 44.74 | 74.00 | -29.26 | peak | |
| 3 | | 8449.500 | 40.13 | 8.20 | 48.33 | 74.00 | -25.67 | peak | |
| 4 | | 9930.000 | 39.25 | 10.19 | 49.44 | 74.00 | -24.56 | peak | |
| 5 | * | 11387.000 | 39.13 | 11.78 | 50.91 | 74.00 | -23.09 | peak | |
| 6 | | 12491.500 | 38.34 | 11.79 | 50.13 | 74.00 | -23.87 | peak | |

*:Maximum data x:Over limit !:over margin

(Reference Only)

Test Result: Pass

[TestMode: TX high channel]; [Polarity: Vertical]



Site: _____ Polarization: **Vertical** Temperature: _____ (C)
 Limit: FCC Part15 (PK) Power: _____ Humidity: _____ %RH
 EUT: Buletooth controller
 M/N: INFBC4
 Mode: TX-H
 Note: _____

| No. | Mk. | Freq. MHz | Reading Level dBuV | Correct Factor dB/m | Measure- ment dBuV/m | Limit dBuV/m | Over dB | Detector | Comment |
|-----|-----|--------------|--------------------------|---------------------------|----------------------------|-----------------|------------|----------|---------|
| 1 | | 3867.000 | 42.62 | 6.82 | 49.44 | 74.00 | -24.56 | peak | |
| 2 | | 5770.500 | 41.54 | 3.91 | 45.45 | 74.00 | -28.55 | peak | |
| 3 | | 7815.000 | 41.07 | 7.72 | 48.79 | 74.00 | -25.21 | peak | |
| 4 | | 9530.500 | 40.02 | 9.12 | 49.14 | 74.00 | -24.86 | peak | |
| 5 | * | 11340.000 | 38.86 | 11.85 | 50.71 | 74.00 | -23.29 | peak | |
| 6 | | 11763.000 | 39.07 | 11.63 | 50.70 | 74.00 | -23.30 | peak | |

*:Maximum data x:Over limit l:over margin (Reference Only)

Test Result: Pass

15 RADIATED EMISSIONS WHICH FALL IN THE RESTRICTED BANDS

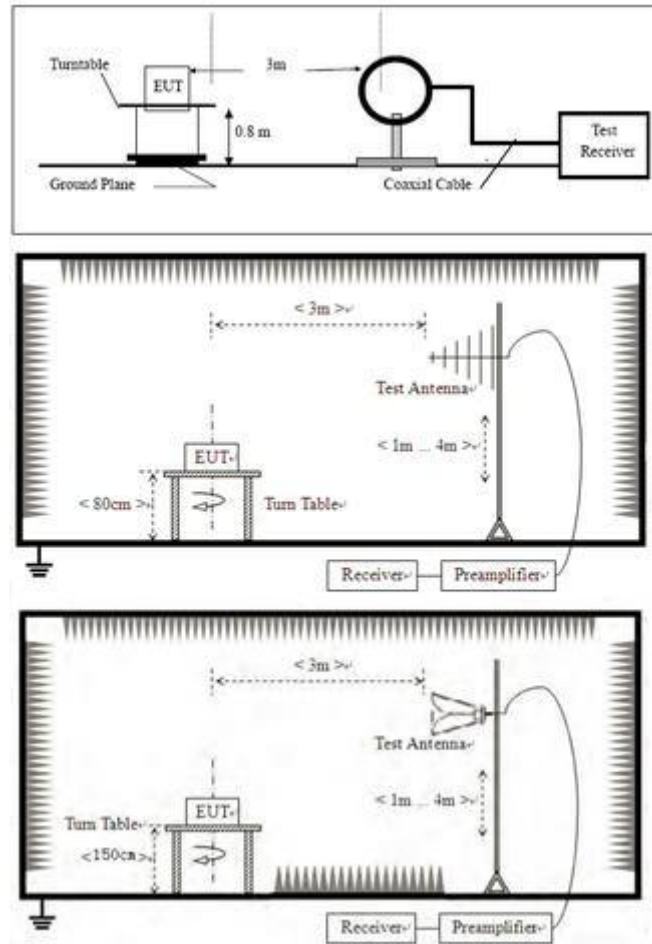
| | |
|-------------------------------|-----------------------------------|
| Test Standard | 47 CFR Part 15, Subpart C 15.247 |
| Test Method | ANSI C63.10 (2013) Section 6.10.5 |
| Test Mode (Pre-Scan) | TX |
| Test Mode (Final Test) | TX |
| Tester | Jozu |
| Temperature | 25°C |
| Humidity | 50% |

15.1 LIMITS

| 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 |

Remark: The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90kHz, 110-490kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation.

15.2 BLOCK DIAGRAM OF TEST SETUP



15.3 PROCEDURE

- For below 1GHz, the EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 or 10 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- For above 1GHz, the EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter fully-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- The EUT was set 3 or 10 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
- If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.

- h. Test the EUT in the lowest channel, the middle channel, the Highest channel.
- i. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is the worst case.
- j. Repeat above procedures until all frequencies measured was complete.

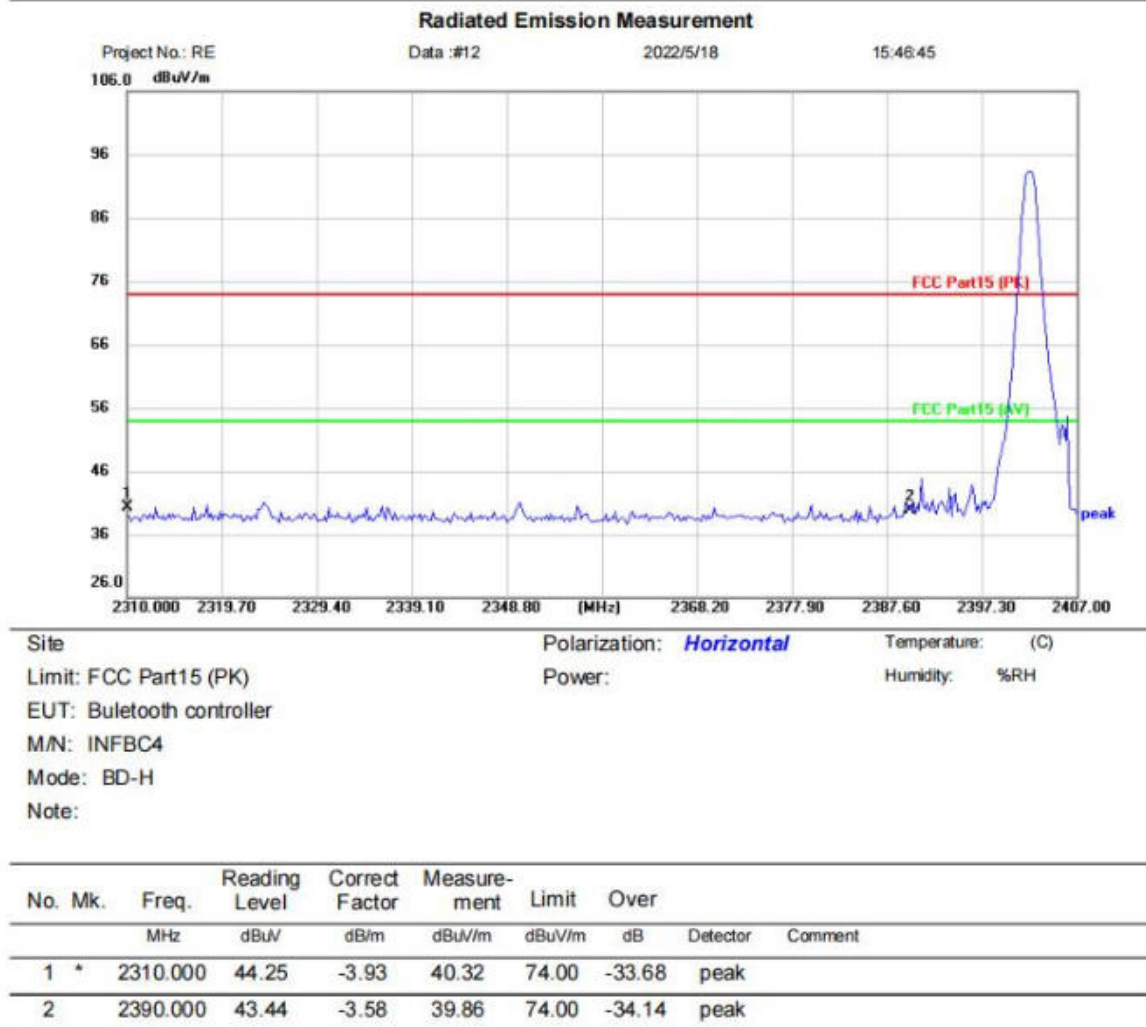
Remark 1: $Level = Read\ Level + Cable\ Loss + Antenna\ Factor - Preamp\ Factor$

Remark 2: For frequencies above 1GHz, the field strength limits are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation. For the emissions whose peak level is lower than the average limit, only the peak measurement is shown in the report.

BlueAsia

15.1 TEST DATA

[TestMode: TX low channel]; [Polarity: Horizontal]

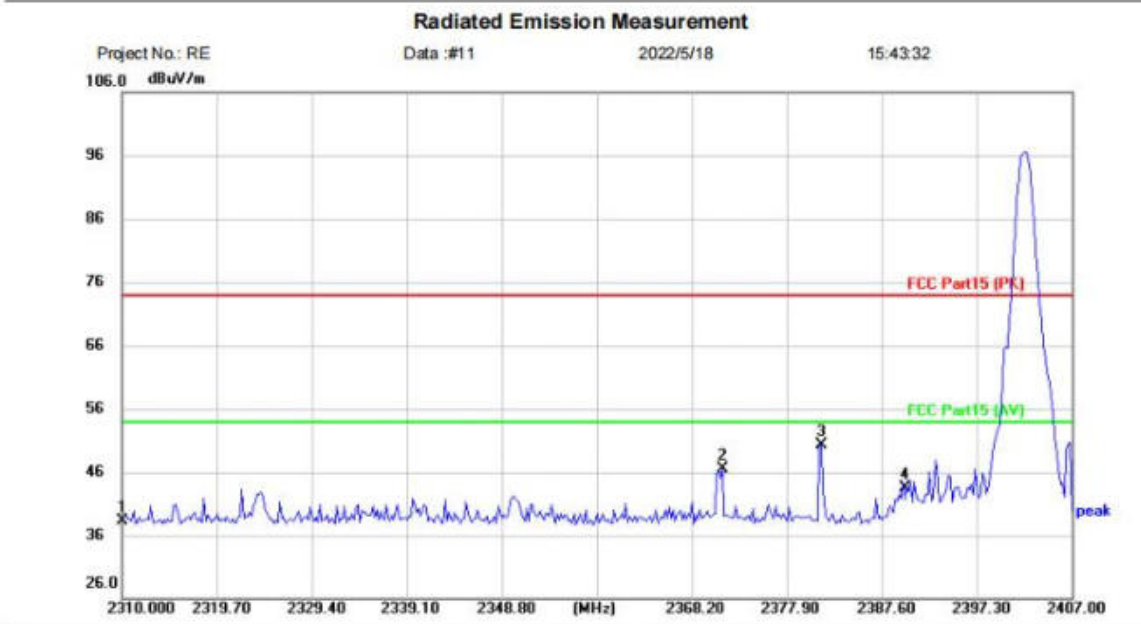


*:Maximum data x:Over limit !:over margin

(Reference Only)

Test Result: Pass

[TestMode: TX low channel]; [Polarity: Vertical]



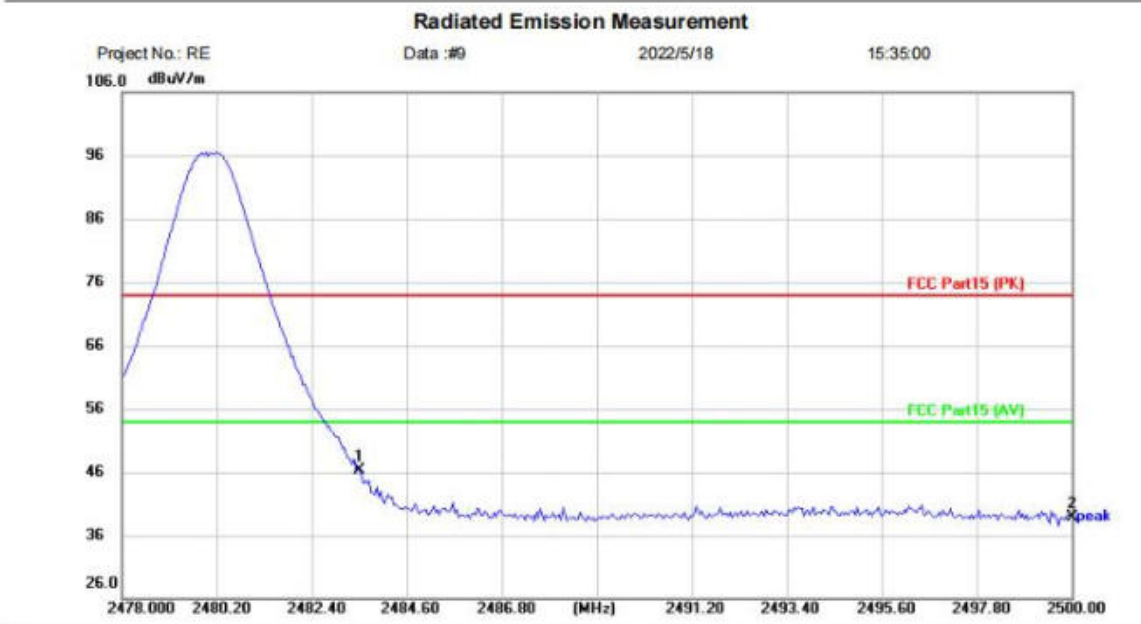
Site: Polarization: **Vertical** Temperature: (C)
 Limit: FCC Part15 (PK) Power: Humidity: %RH
 EUT: Buletooth controller
 M/N: INFBC4
 Mode: BD-H
 Note:

| No. | Mk. | Freq. MHz | Reading Level dBuV | Correct Factor dB/m | Measure- ment dBuV/m | Limit dBuV/m | Over dB | Detector | Comment |
|-----|-----|--------------|--------------------------|---------------------------|----------------------------|-----------------|------------|----------|---------|
| 1 | | 2310.000 | 42.26 | -3.93 | 38.33 | 74.00 | -35.67 | peak | |
| 2 | | 2371.304 | 50.20 | -3.66 | 46.54 | 74.00 | -27.46 | peak | |
| 3 | * | 2381.392 | 53.85 | -3.63 | 50.22 | 74.00 | -23.78 | peak | |
| 4 | | 2390.000 | 47.17 | -3.58 | 43.59 | 74.00 | -30.41 | peak | |

*:Maximum data x:Over limit !:over margin (Reference Only)

Test Result: Pass

[TestMode: TX high channel]; [Polarity: Horizontal]



| | | |
|---------------------------|---------------------------------|------------------|
| Site | Polarization: Horizontal | Temperature: (C) |
| Limit: FCC Part15 (PK) | Power: | Humidity: %RH |
| EUT: Buletooth controller | | |
| M/N: INFBC4 | | |
| Mode: BD-H | | |
| Note: | | |

| No. | Mk. | Freq. MHz | Reading Level dBuV | Correct Factor dB/m | Measure- ment dBuV/m | Limit dBuV/m | Over dB | Detector | Comment |
|-----|-----|--------------|--------------------------|---------------------------|----------------------------|-----------------|------------|----------|---------|
| 1 | * | 2483.500 | 49.35 | -3.14 | 46.21 | 74.00 | -27.79 | peak | |
| 2 | | 2500.000 | 42.04 | -3.08 | 38.96 | 74.00 | -35.04 | peak | |

*:Maximum data x:Over limit !:over margin (Reference Only)

Test Result: Pass

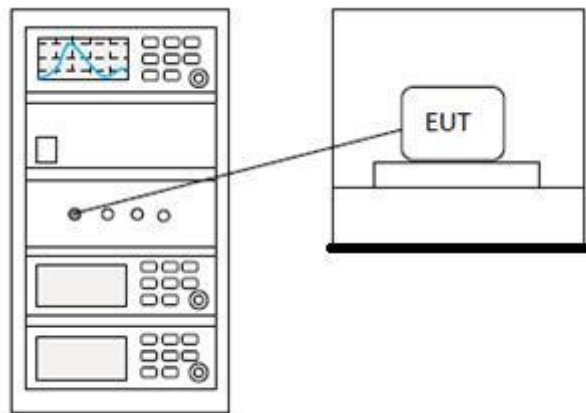
16 CONDUCTED BAND EDGES MEASUREMENT

| | |
|-------------------------------|--|
| Test Standard | 47 CFR Part 15, Subpart C 15.247 |
| Test Method | ANSI C63.10 (2013) Section 7.8.8 & Section 11.13.3.2 |
| Test Mode (Pre-Scan) | TX |
| Test Mode (Final Test) | TX |
| Tester | Jozu |
| Temperature | 25°C |
| Humidity | 50% |

16.1 LIMITS

| | |
|---------------|---|
| Limit: | <p>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)).</p> |
|---------------|---|

16.2 BLOCK DIAGRAM OF TEST SETUP



16.3 TEST DATA

Pass: Please Refer To Appendix: Appendix1 For Details

BlueAsia

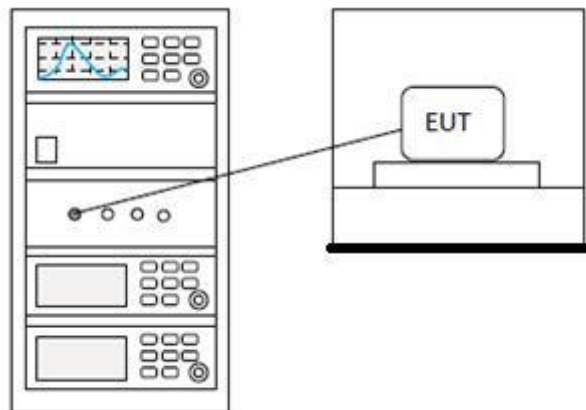
17 DWELL TIME

| | |
|-------------------------------|----------------------------------|
| Test Standard | 47 CFR Part 15, Subpart C 15.247 |
| Test Method | ANSI C63.10 (2013) Section 7.8.4 |
| Test Mode (Pre-Scan) | TX |
| Test Mode (Final Test) | TX |
| Tester | Jozu |
| Temperature | 25°C |
| Humidity | 50% |

17.1 LIMITS

| Frequency(MHz) | Limit |
|-----------------------|---|
| 902-928 | 0.4S within a 20S period(20dB bandwidth<250kHz) |
| | 0.4S within a 10S period(20dB bandwidth≥250kHz) |
| 2400-2483.5 | 0.4S within a period of 0.4S multiplied by the number of hopping channels |
| 5725-5850 | 0.4S within a 30S period |

17.2 BLOCK DIAGRAM OF TEST SETUP



17.3 TEST DATA

Pass: Please Refer To Appendix: For Details

BlueAsia

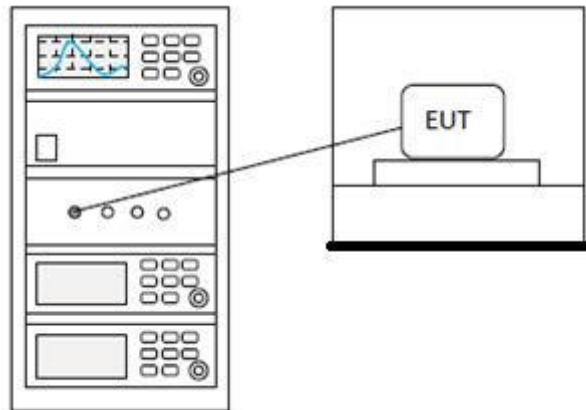
18 HOPPING CHANNEL NUMBER

| | |
|-------------------------------|----------------------------------|
| Test Standard | 47 CFR Part 15, Subpart C 15.247 |
| Test Method | ANSI C63.10 (2013) Section 7.8.3 |
| Test Mode (Pre-Scan) | TX |
| Test Mode (Final Test) | TX |
| Tester | Jozu |
| Temperature | 25°C |
| Humidity | 50% |

18.1 LIMITS

| Frequency range(MHz) | Number of hopping channels (minimum) |
|-----------------------------|---|
| 902-928 | 50 for 20dB bandwidth <250kHz |
| | 25 for 20dB bandwidth ≥250kHz |
| 2400-2483.5 | 15 |
| 5725-5850 | 75 |

18.2 BLOCK DIAGRAM OF TEST SETUP



18.3 TEST DATA

Pass: Please Refer To Appendix: Appendix1 For Details

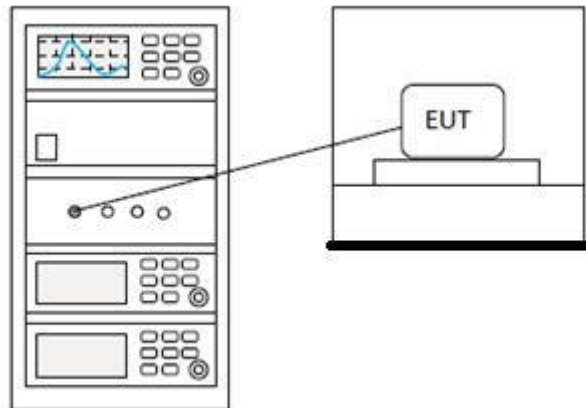
19 CARRIER FREQUENCIES SEPARATION

| | |
|------------------------|----------------------------------|
| Test Standard | 47 CFR Part 15, Subpart C 15.247 |
| Test Method | ANSI C63.10 (2013) Section 7.8.2 |
| Test Mode (Pre-Scan) | TX |
| Test Mode (Final Test) | TX |
| Tester | Jozu |
| Temperature | 25°C |
| Humidity | 50% |

19.1 LIMITS

Limit: 2/3 of the 20dB bandwidth base on the transmission power is less than 0.125W

19.2 BLOCK DIAGRAM OF TEST SETUP



19.3 TEST DATA

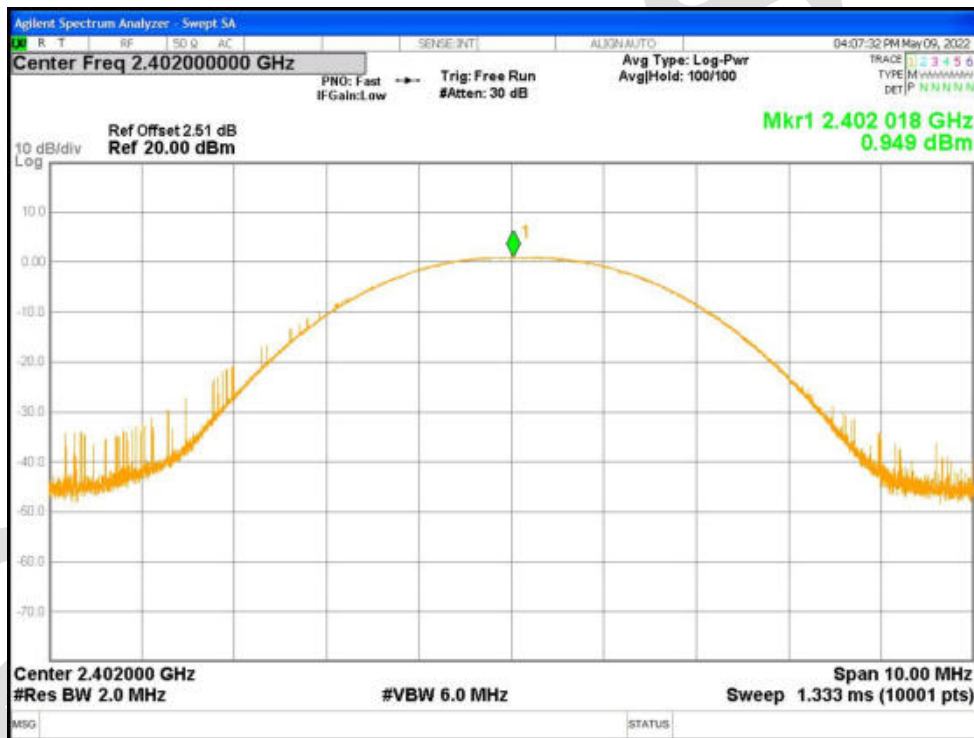
Pass: Please Refer To Appendix: Appendix1 For Details

20 APPENDIX

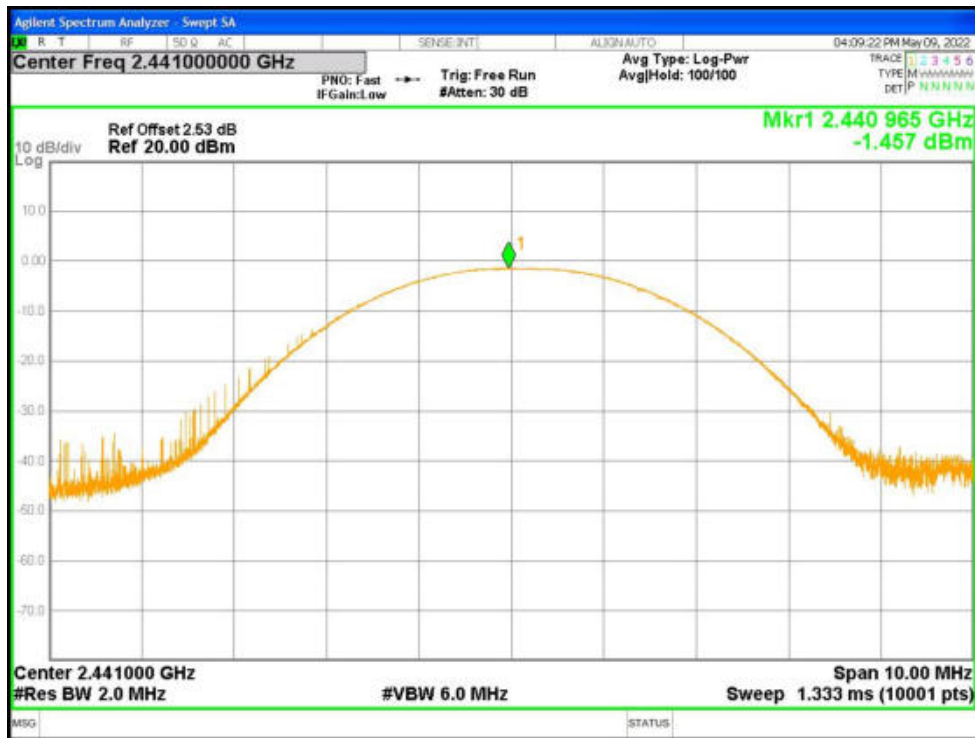
Maximum Conducted Output Power

| Condition | Mode | Frequency (MHz) | Antenna | Conducted Power (dBm) | Limit (dBm) | Verdict |
|-----------|-------|-----------------|---------|-----------------------|-------------|---------|
| NVNT | 1-DH1 | 2402 | Ant1 | 0.949 | 21 | Pass |
| NVNT | 1-DH1 | 2441 | Ant1 | -1.457 | 21 | Pass |
| NVNT | 1-DH1 | 2480 | Ant1 | -3.422 | 21 | Pass |
| NVNT | 2-DH1 | 2402 | Ant1 | 1.158 | 21 | Pass |
| NVNT | 2-DH1 | 2441 | Ant1 | -1.672 | 21 | Pass |
| NVNT | 2-DH1 | 2480 | Ant1 | -3.577 | 21 | Pass |
| NVNT | 3-DH1 | 2402 | Ant1 | 0.771 | 21 | Pass |
| NVNT | 3-DH1 | 2441 | Ant1 | -1.632 | 21 | Pass |
| NVNT | 3-DH1 | 2480 | Ant1 | -3.633 | 21 | Pass |

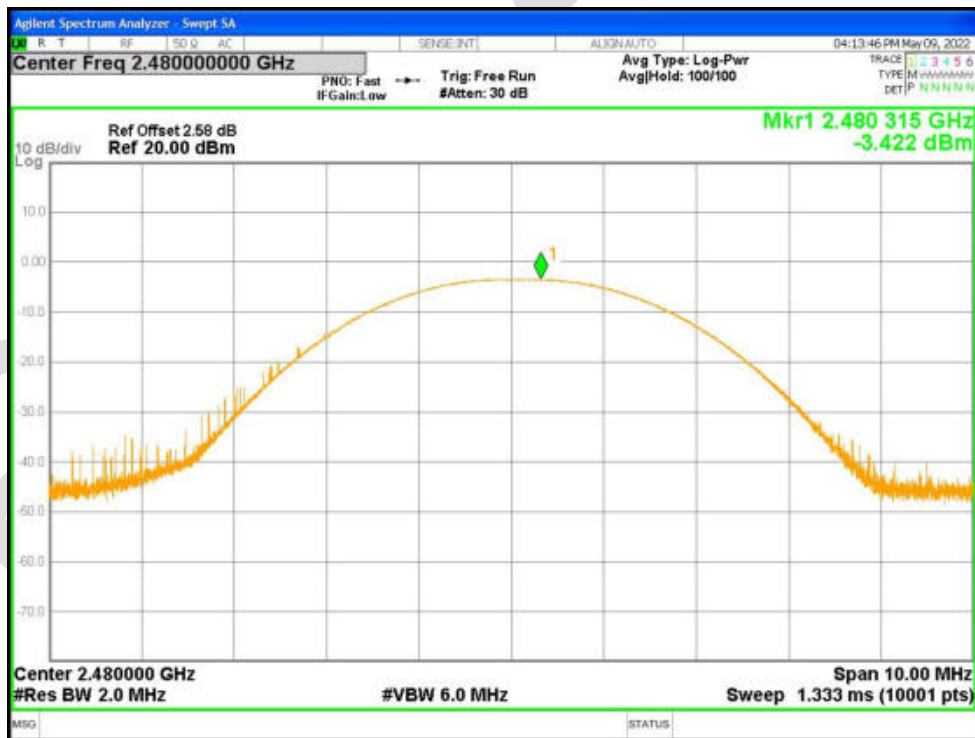
Power NVNT 1-DH1 2402MHz Ant1



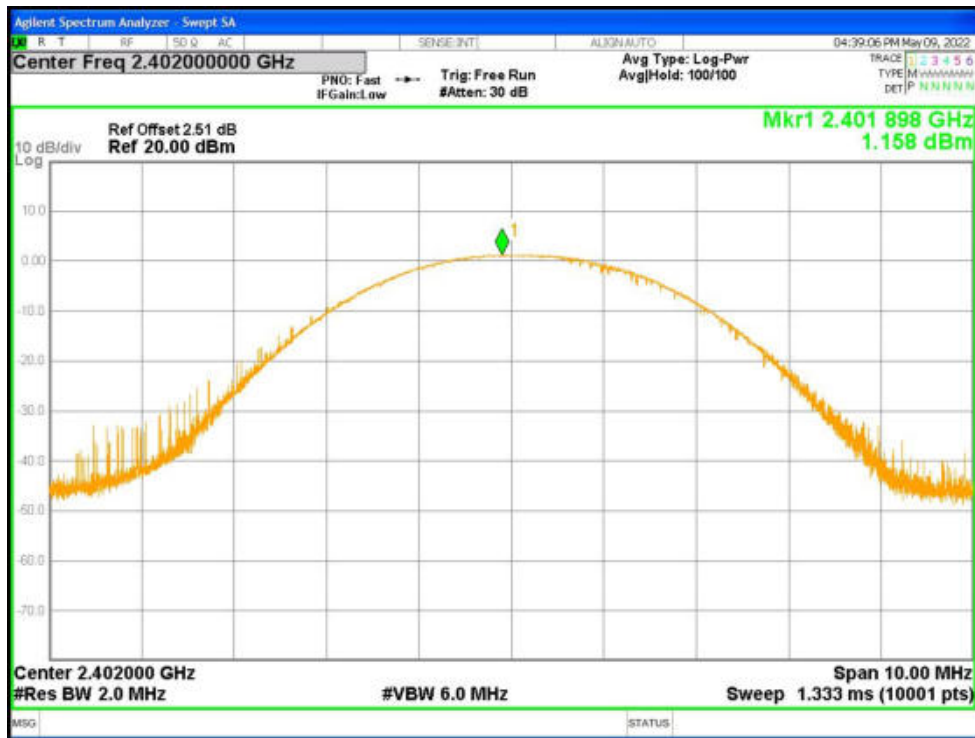
Power NVNT 1-DH1 2441MHz Ant1



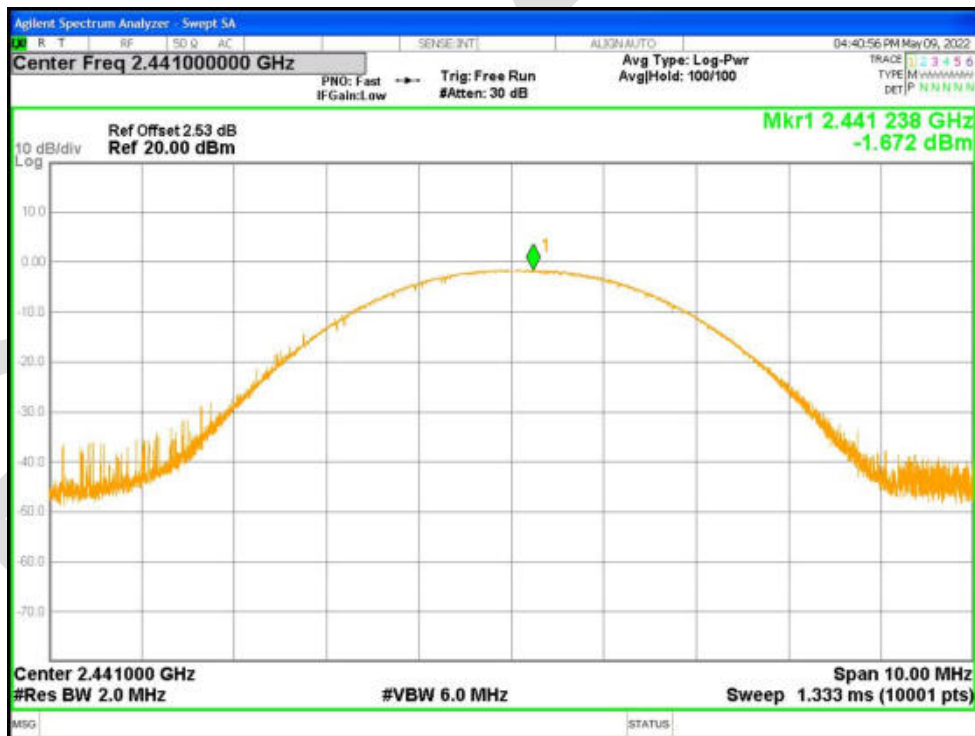
Power NVNT 1-DH1 2480MHz Ant1



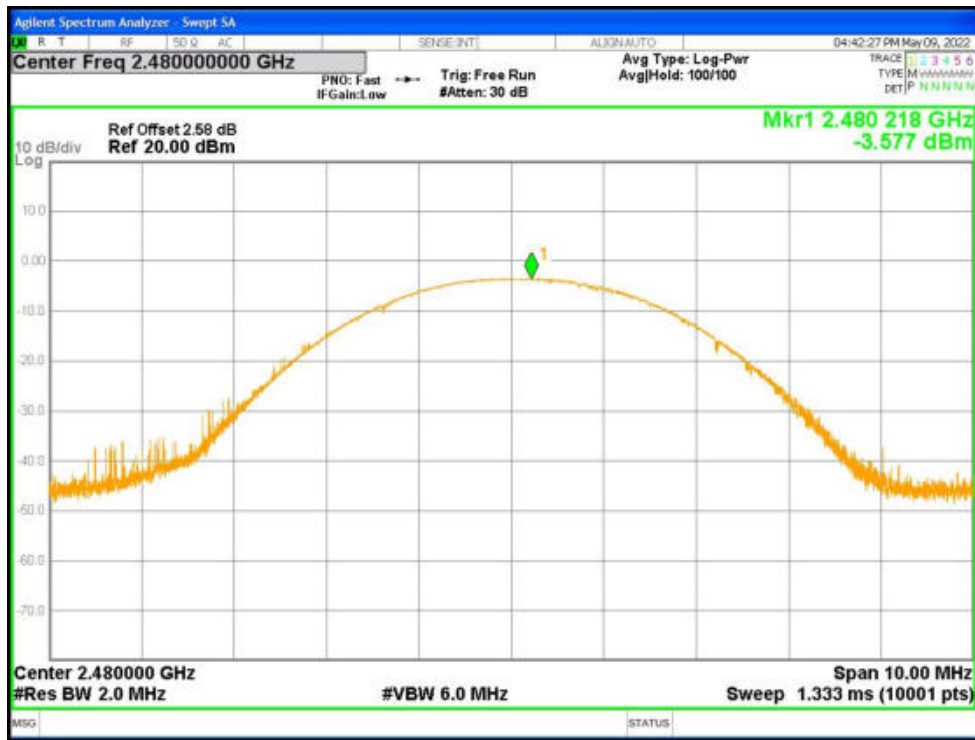
Power NVNT 2-DH1 2402MHz Ant1



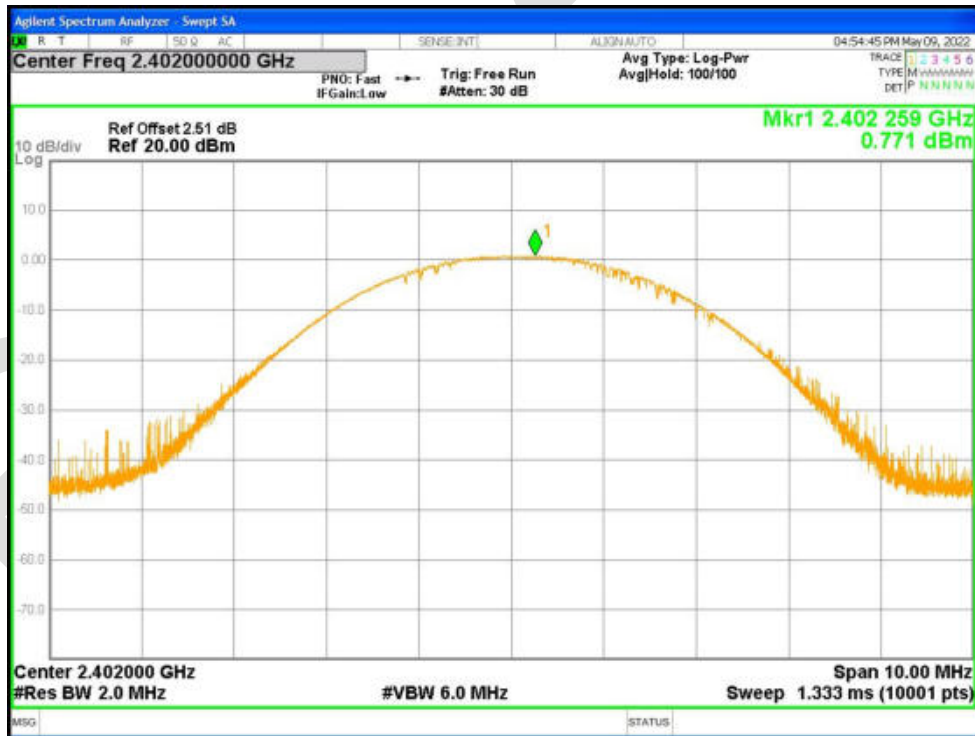
Power NVNT 2-DH1 2441MHz Ant1



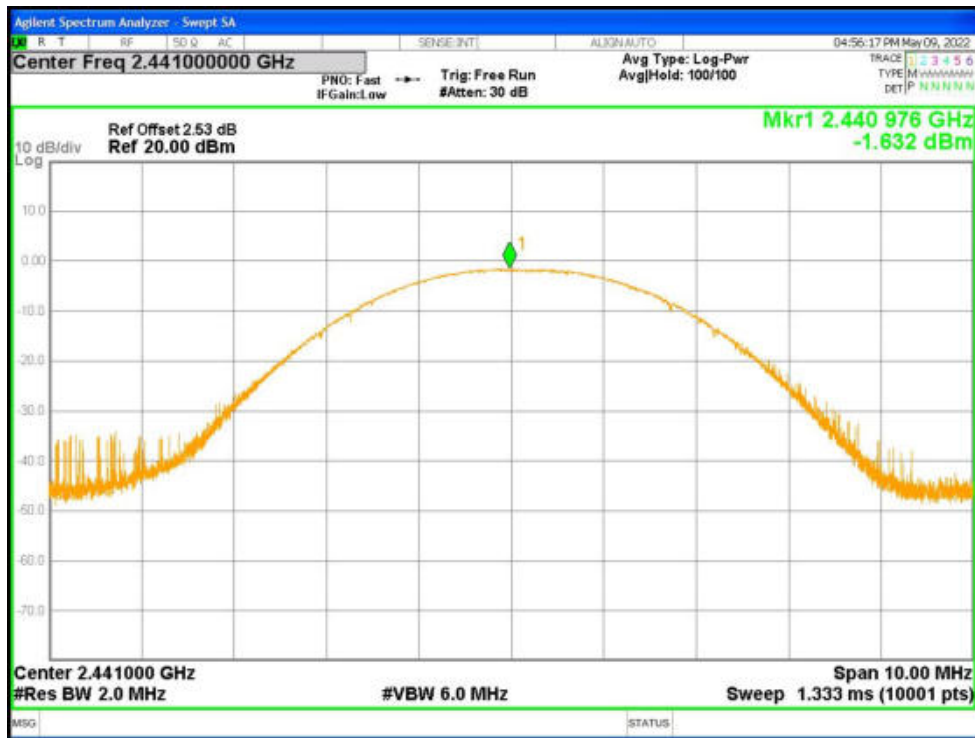
Power NVNT 2-DH1 2480MHz Ant1



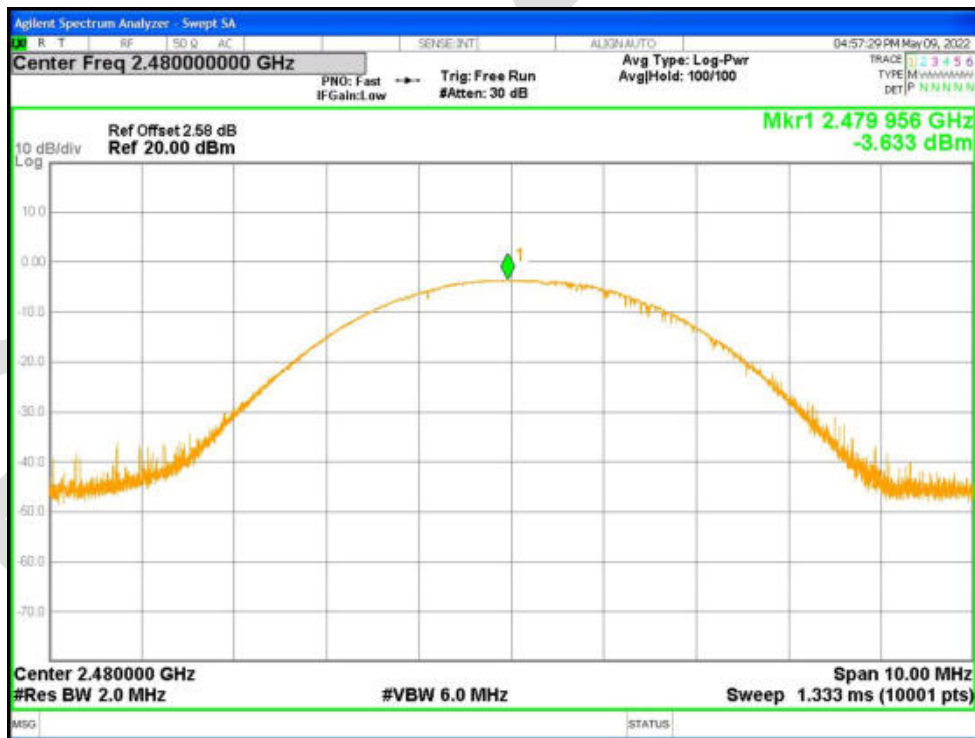
Power NVNT 3-DH1 2402MHz Ant1



Power NVNT 3-DH1 2441MHz Ant1



Power NVNT 3-DH1 2480MHz Ant1



-20dB Bandwidth

| Condition | Mode | Frequency (MHz) | Antenna | -20 dB Bandwidth (MHz) | Limit -20 dB Bandwidth (MHz) | Verdict |
|-----------|-------|-----------------|---------|------------------------|------------------------------|---------|
| NVNT | 1-DH1 | 2402 | Ant1 | 1.019 | 0 | Pass |
| NVNT | 1-DH1 | 2441 | Ant1 | 1.011 | 0 | Pass |
| NVNT | 1-DH1 | 2480 | Ant1 | 1.006 | 0 | Pass |
| NVNT | 2-DH1 | 2402 | Ant1 | 1.268 | 0 | Pass |
| NVNT | 2-DH1 | 2441 | Ant1 | 1.285 | 0 | Pass |
| NVNT | 2-DH1 | 2480 | Ant1 | 1.264 | 0 | Pass |
| NVNT | 3-DH1 | 2402 | Ant1 | 1.269 | 0 | Pass |
| NVNT | 3-DH1 | 2441 | Ant1 | 1.25 | 0 | Pass |
| NVNT | 3-DH1 | 2480 | Ant1 | 1.277 | 0 | Pass |

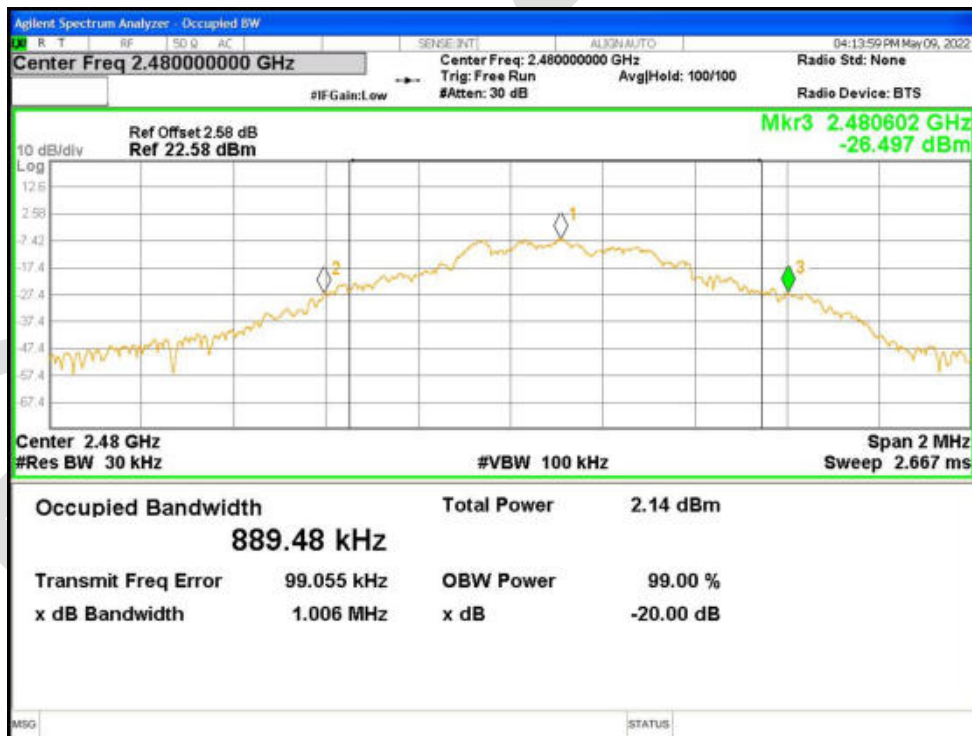
-20dB Bandwidth NVNT 1-DH1 2402MHz Ant1



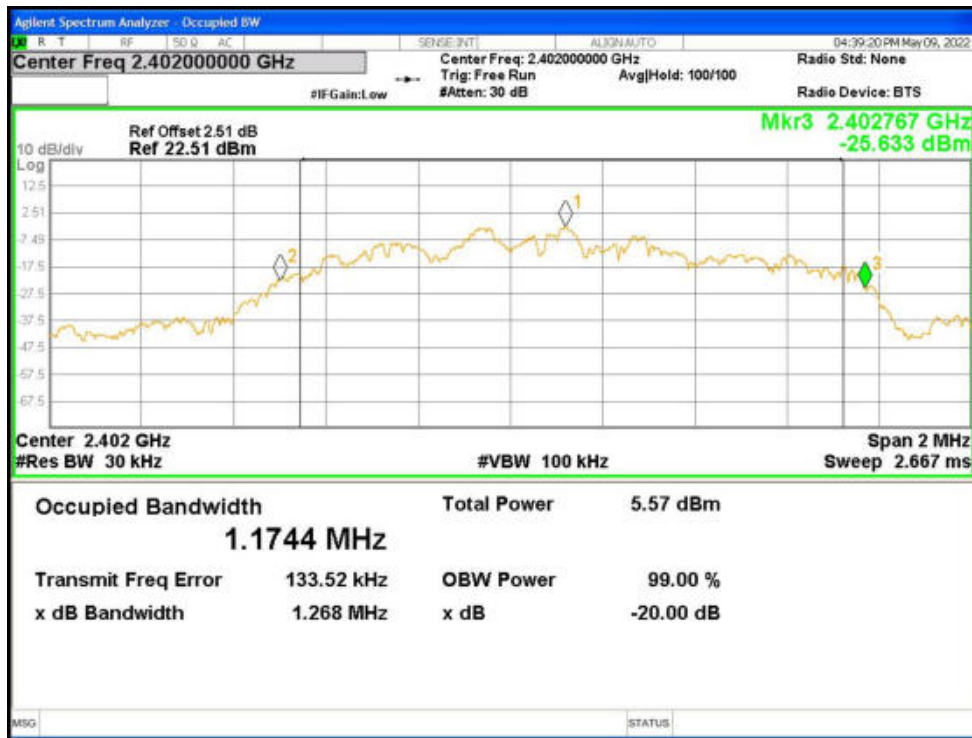
-20dB Bandwidth NVNT 1-DH1 2441MHz Ant1



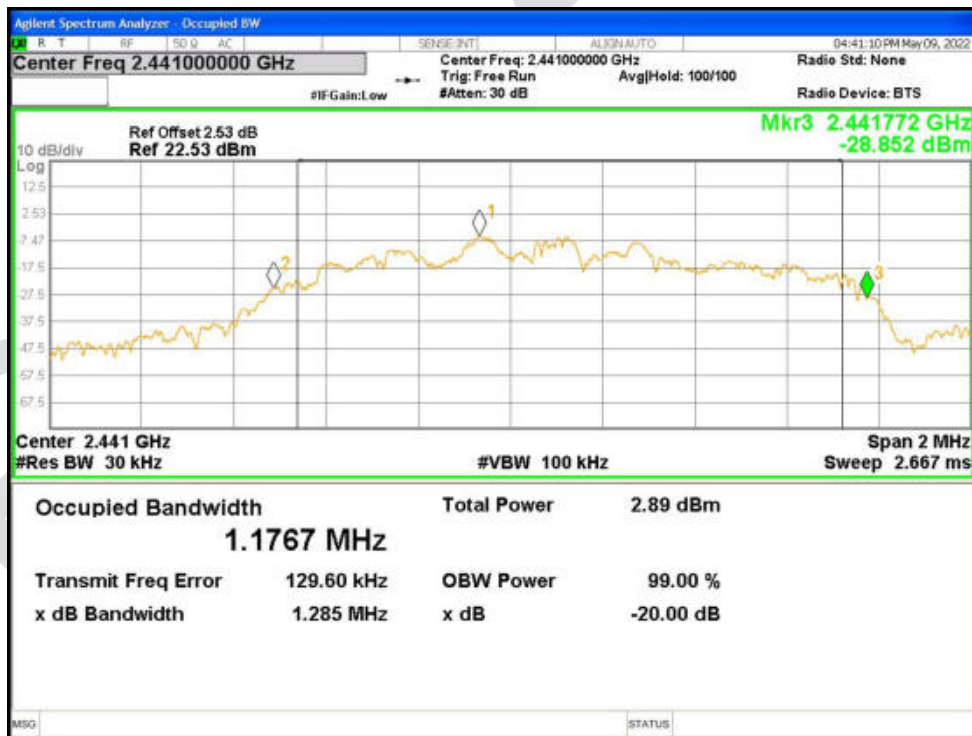
-20dB Bandwidth NVNT 1-DH1 2480MHz Ant1



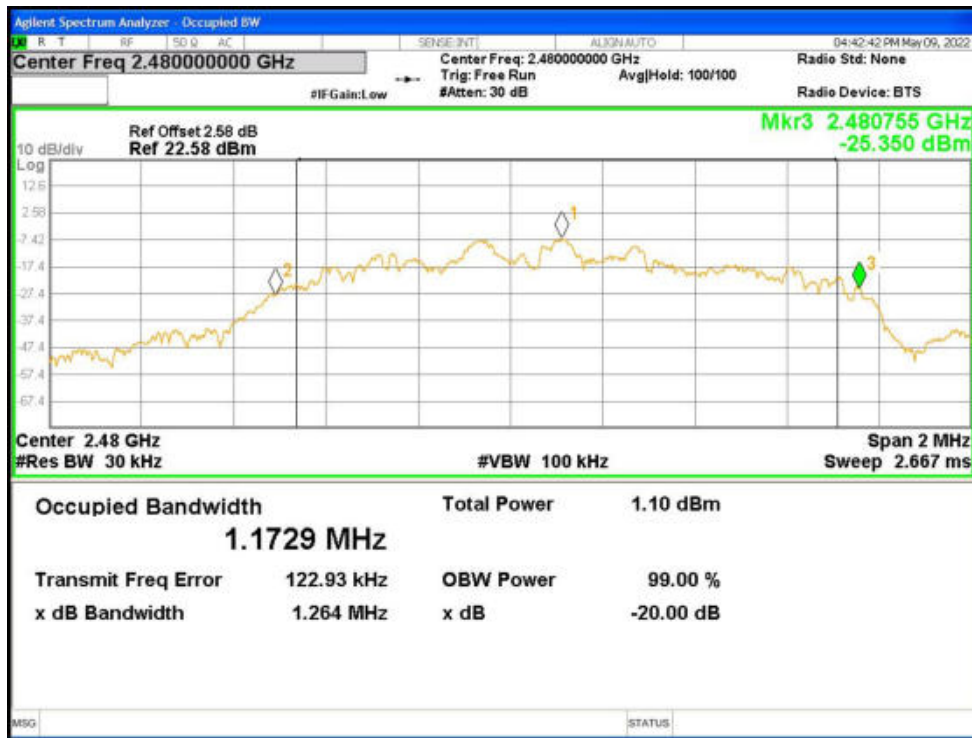
-20dB Bandwidth NVNT 2-DH1 2402MHz Ant1



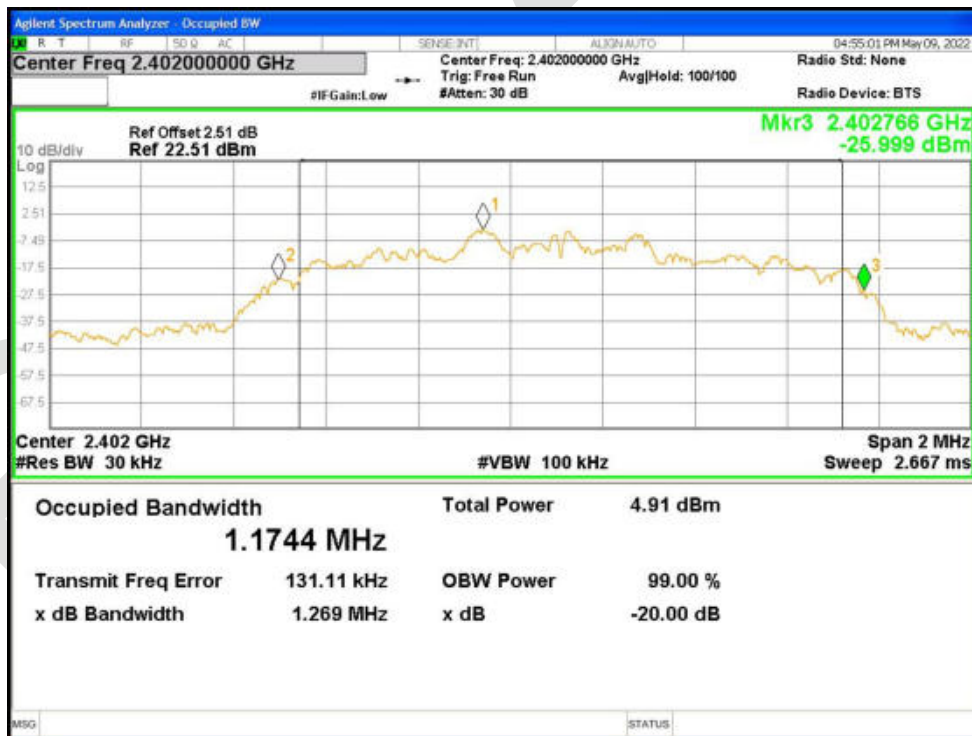
-20dB Bandwidth NVNT 2-DH1 2441MHz Ant1



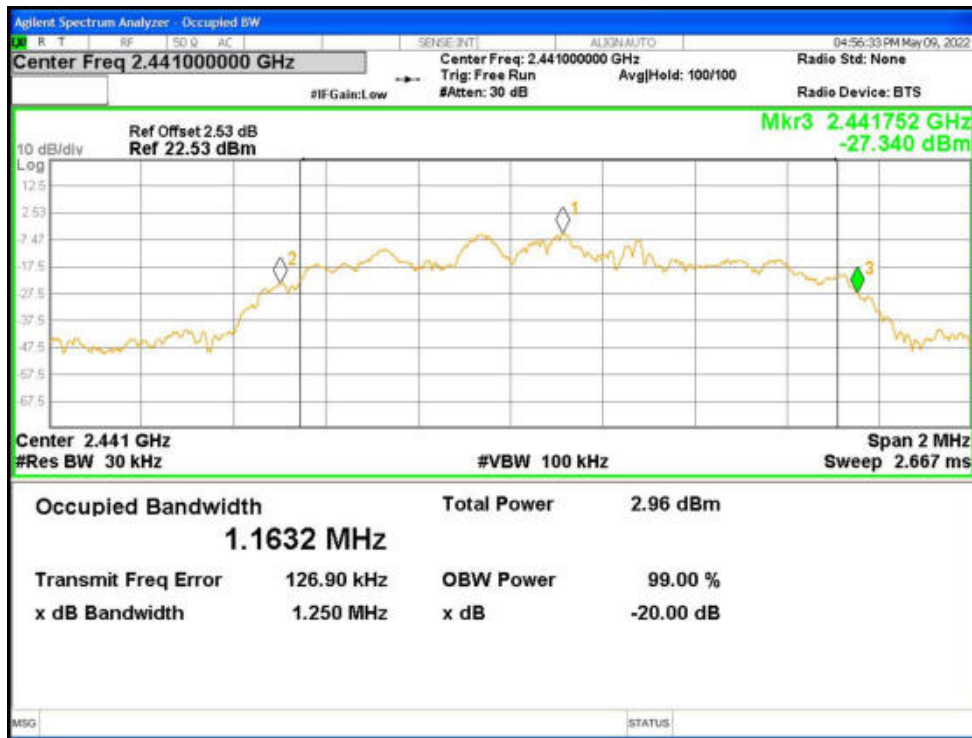
-20dB Bandwidth NVNT 2-DH1 2480MHz Ant1



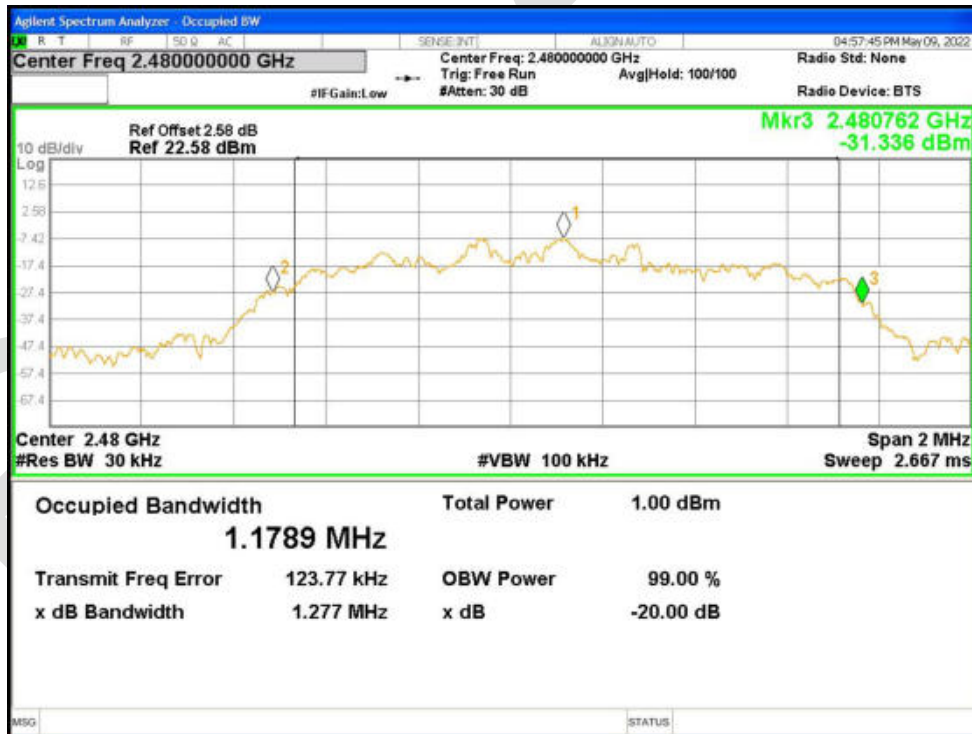
-20dB Bandwidth NVNT 3-DH1 2402MHz Ant1



-20dB Bandwidth NVNT 3-DH1 2441MHz Ant1



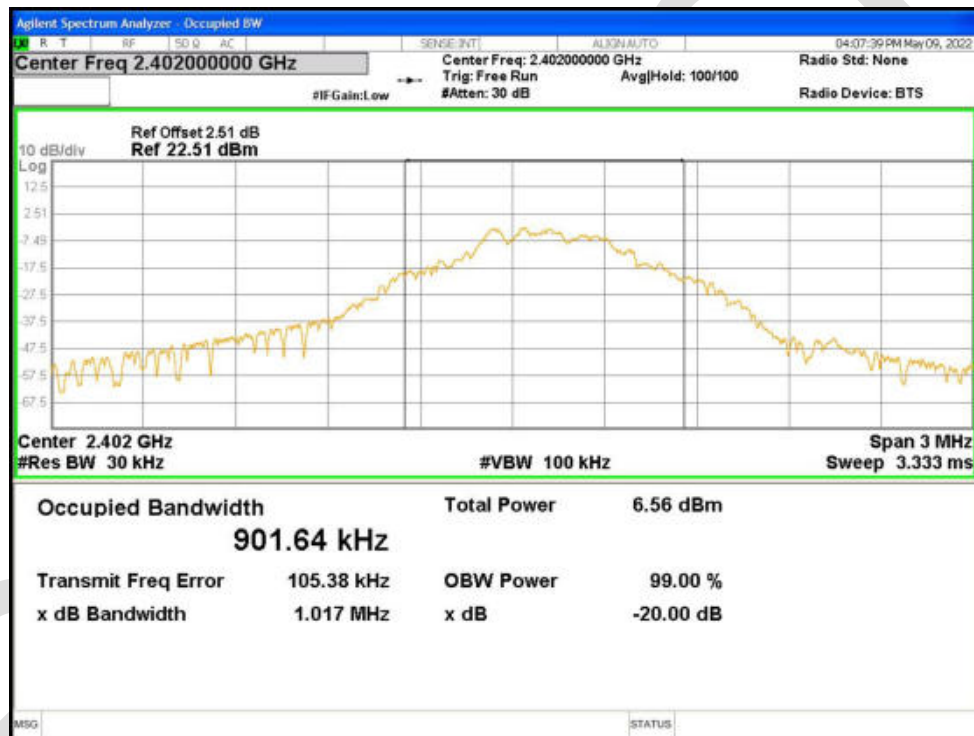
-20dB Bandwidth NVNT 3-DH1 2480MHz Ant1



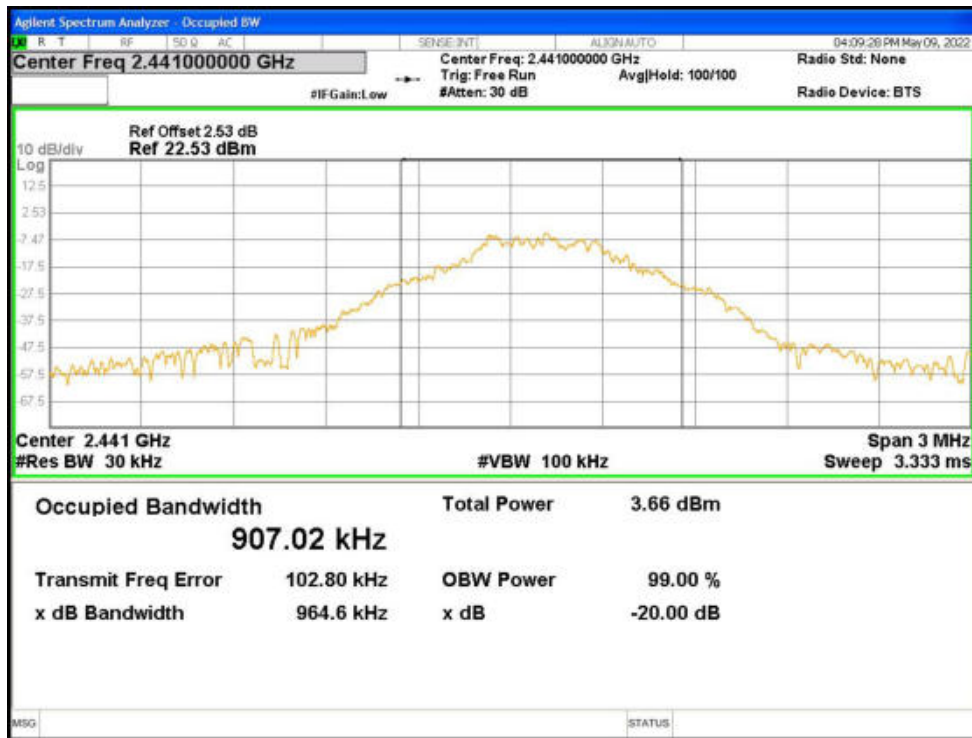
Occupied Channel Bandwidth

| Condition | Mode | Frequency (MHz) | Antenna | 99% OBW (MHz) |
|-----------|-------|-----------------|---------|---------------|
| NVNT | 1-DH1 | 2402 | Ant1 | 0.9016430353 |
| NVNT | 1-DH1 | 2441 | Ant1 | 0.907019451 |
| NVNT | 1-DH1 | 2480 | Ant1 | 0.9345283421 |
| NVNT | 2-DH1 | 2402 | Ant1 | 1.177541802 |
| NVNT | 2-DH1 | 2441 | Ant1 | 1.17510915 |
| NVNT | 2-DH1 | 2480 | Ant1 | 1.183081932 |
| NVNT | 3-DH1 | 2402 | Ant1 | 1.169000264 |
| NVNT | 3-DH1 | 2441 | Ant1 | 1.17726141 |
| NVNT | 3-DH1 | 2480 | Ant1 | 1.174844307 |

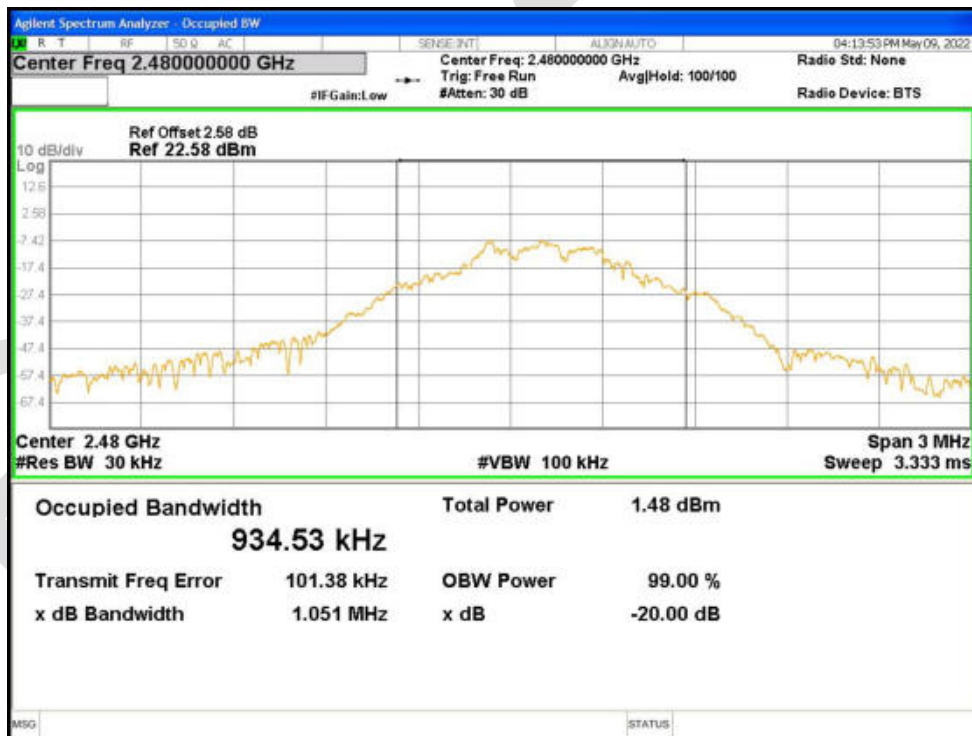
OBW NVNT 1-DH1 2402MHz Ant1



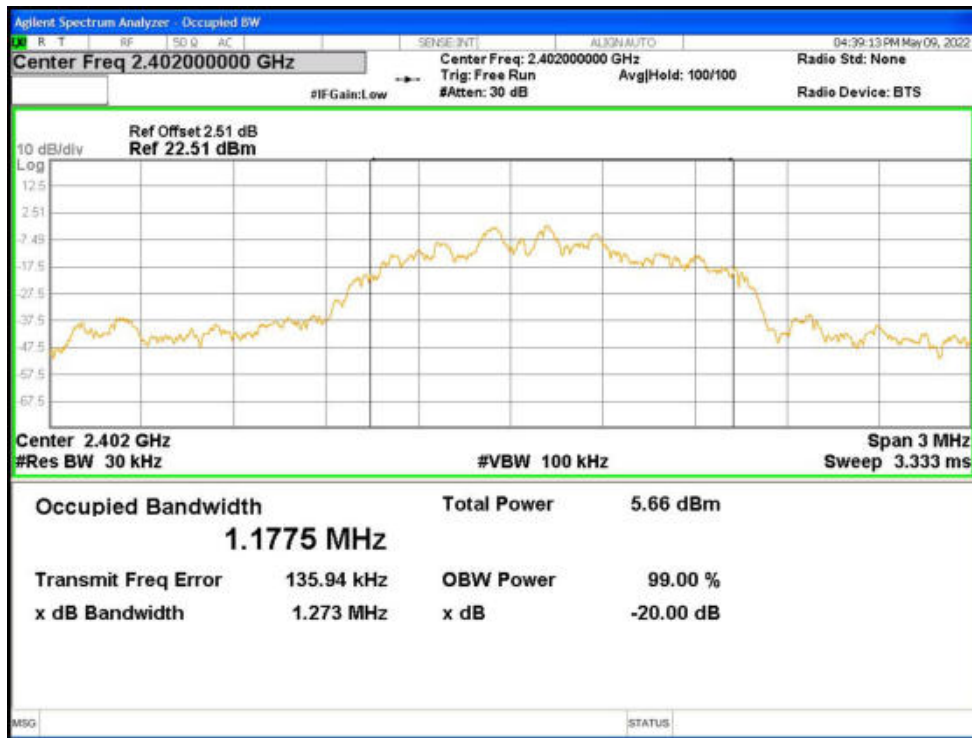
OBW NVNT 1-DH1 2441MHz Ant1



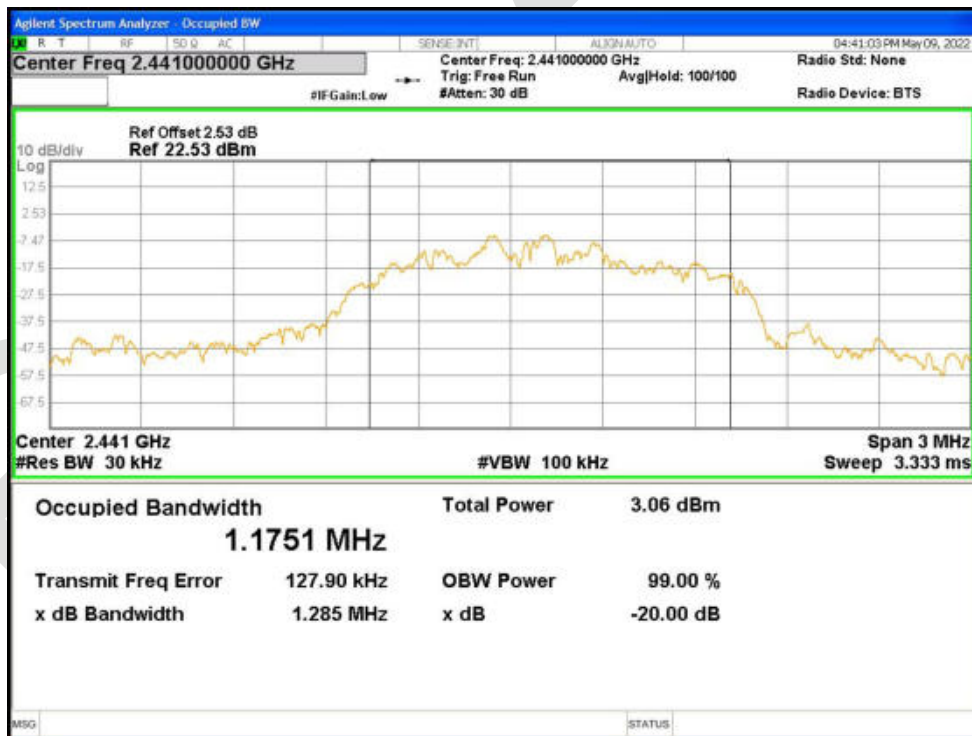
OBW NVNT 1-DH1 2480MHz Ant1



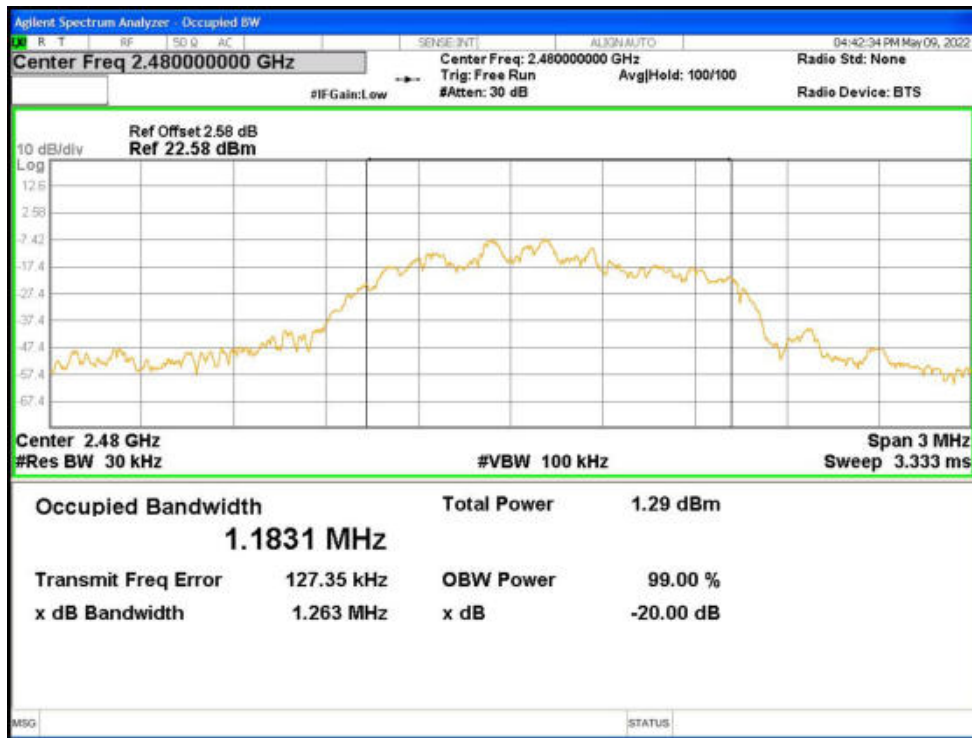
OBW NVNT 2-DH1 2402MHz Ant1



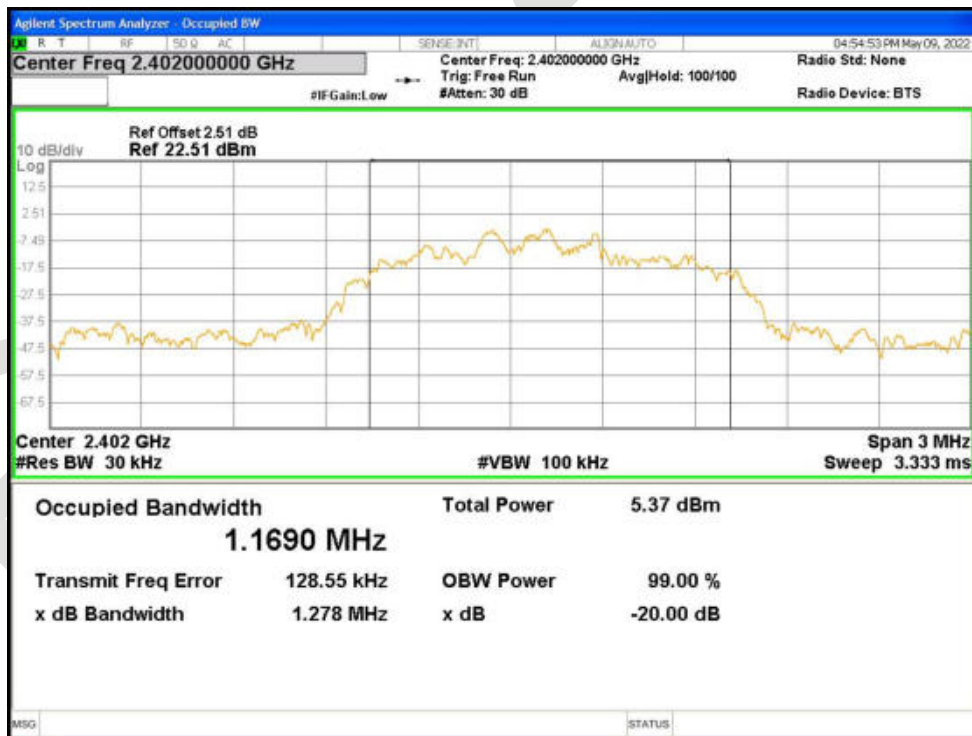
OBW NVNT 2-DH1 2441MHz Ant1



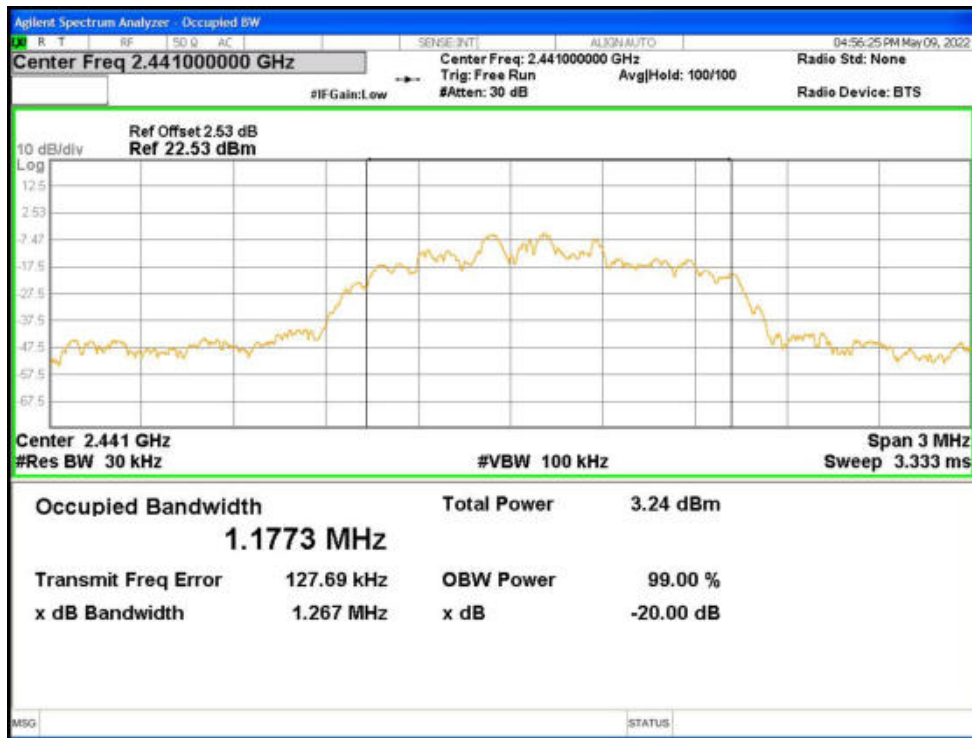
OBW NVNT 2-DH1 2480MHz Ant1



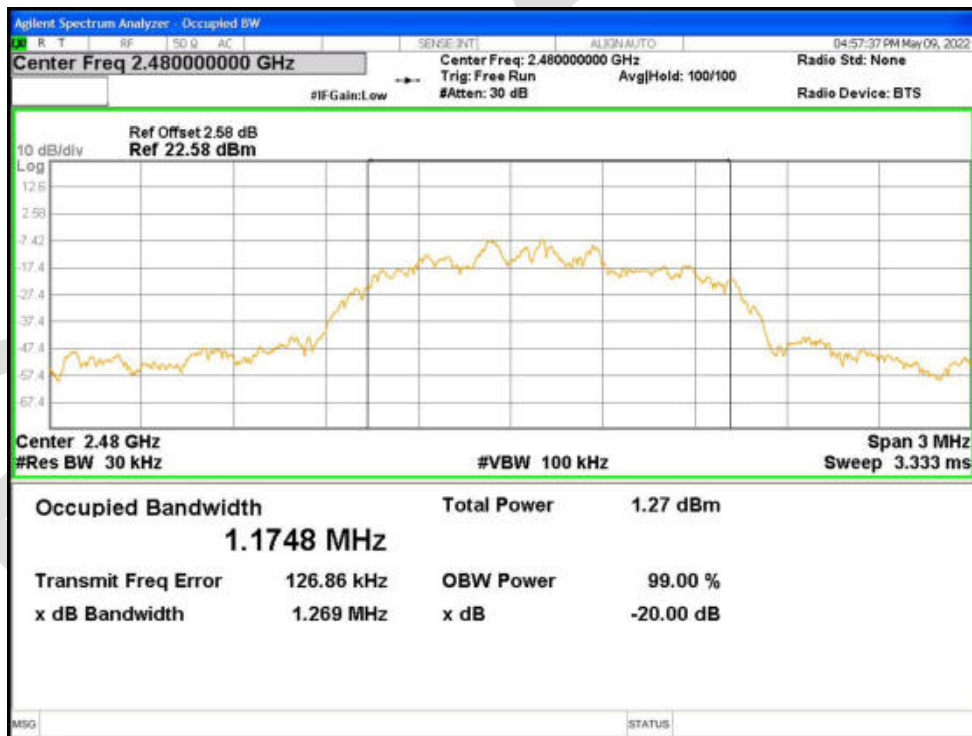
OBW NVNT 3-DH1 2402MHz Ant1



OBW NVNT 3-DH1 2441MHz Ant1



OBW NVNT 3-DH1 2480MHz Ant1



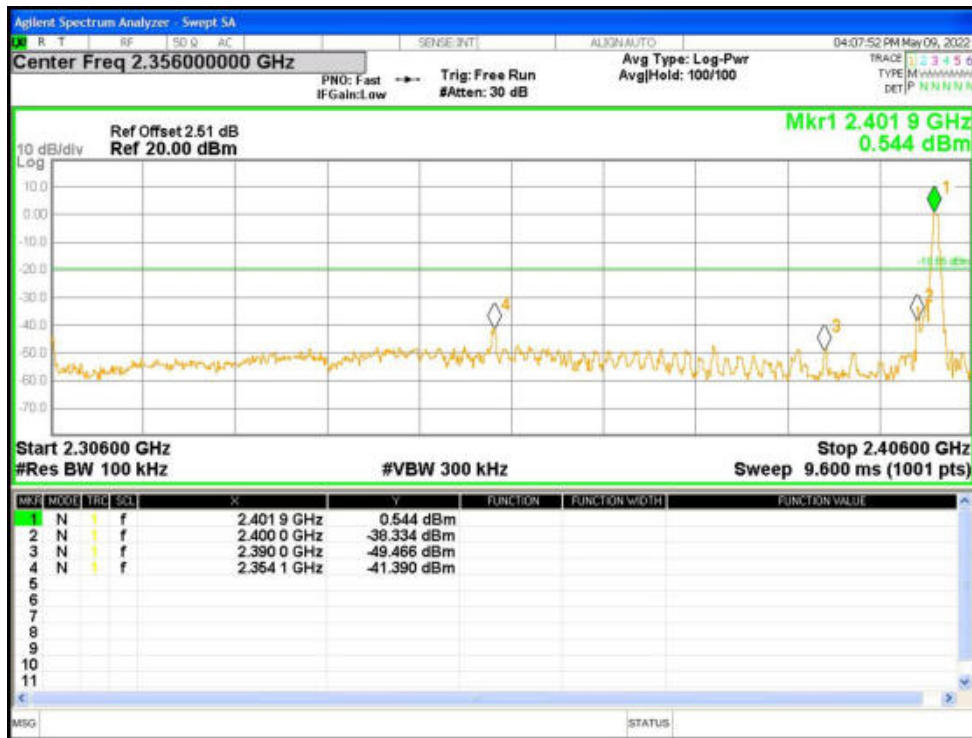
Band Edge

| Condition | Mode | Frequency (MHz) | Antenna | Hopping Mode | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|-------|-----------------|---------|--------------|-----------------|-------------|---------|
| NVNT | 1-DH1 | 2402 | Ant1 | No-Hopping | -41.75 | -20 | Pass |
| NVNT | 1-DH1 | 2480 | Ant1 | No-Hopping | -48.92 | -20 | Pass |
| NVNT | 2-DH1 | 2402 | Ant1 | No-Hopping | -42.42 | -20 | Pass |
| NVNT | 2-DH1 | 2480 | Ant1 | No-Hopping | -51.27 | -20 | Pass |
| NVNT | 3-DH1 | 2402 | Ant1 | No-Hopping | -43.65 | -20 | Pass |
| NVNT | 3-DH1 | 2480 | Ant1 | No-Hopping | -49.15 | -20 | Pass |

Band Edge NVNT 1-DH1 2402MHz Ant1 No-Hopping Ref



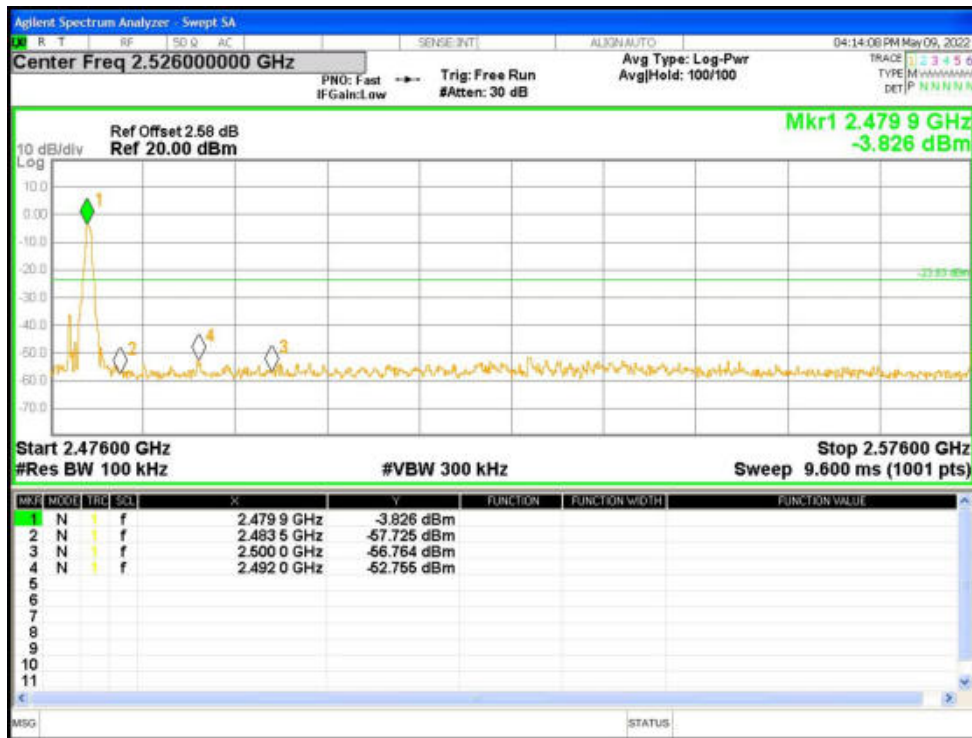
Band Edge NVNT 1-DH1 2402MHz Ant1 No-Hopping Emission



Band Edge NVNT 1-DH1 2480MHz Ant1 No-Hopping Ref



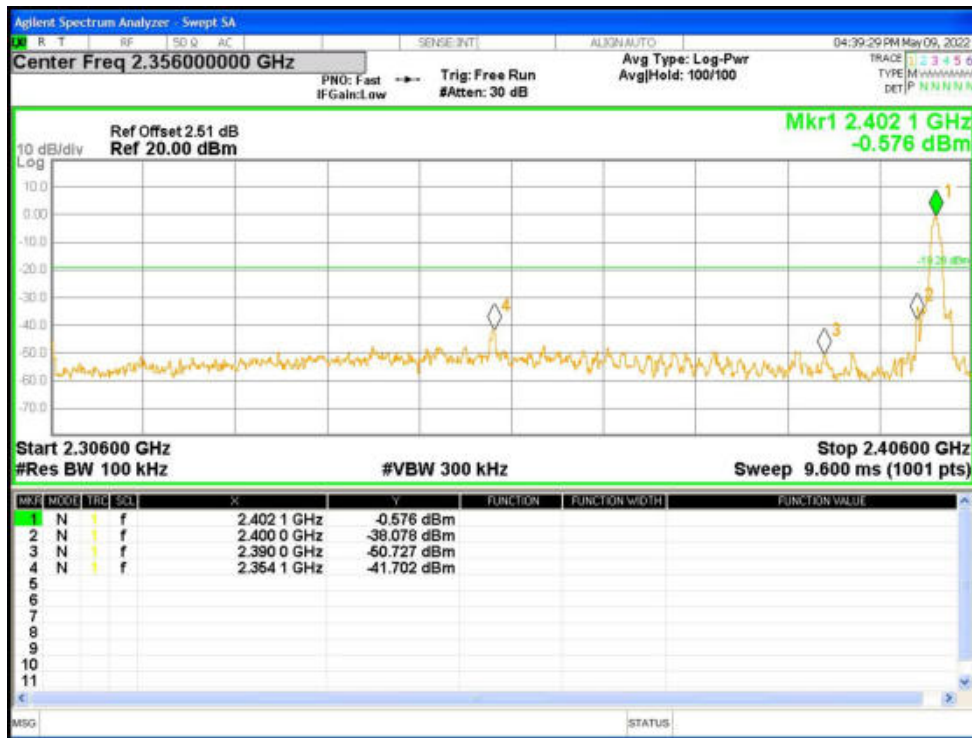
Band Edge NVNT 1-DH1 2480MHz Ant1 No-Hopping Emission



Band Edge NVNT 2-DH1 2402MHz Ant1 No-Hopping Ref



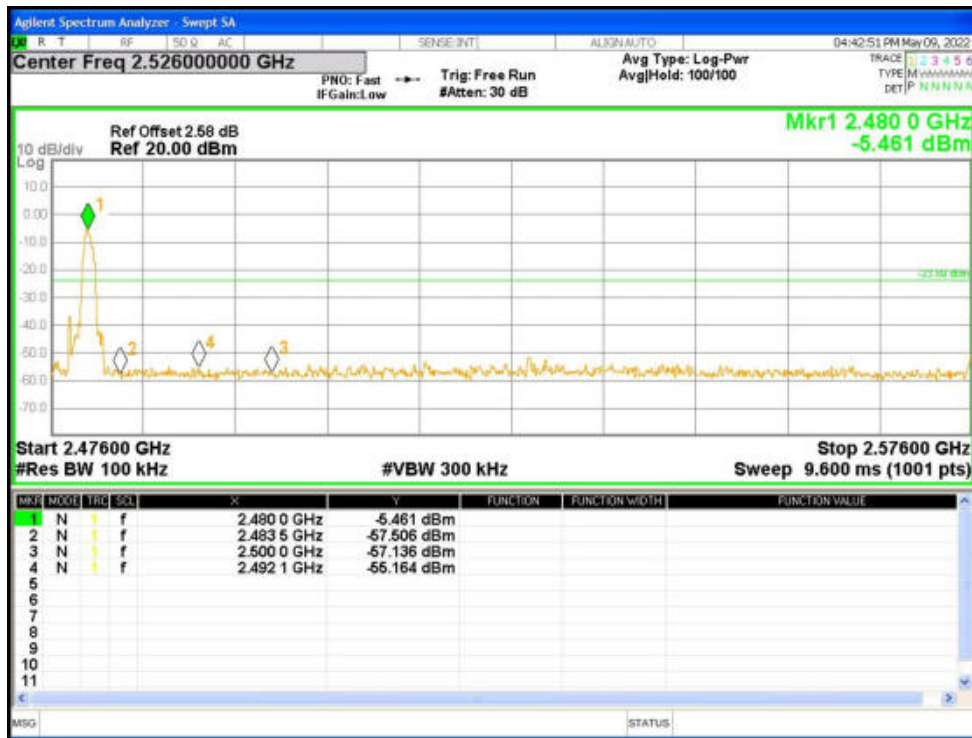
Band Edge NVNT 2-DH1 2402MHz Ant1 No-Hopping Emission



Band Edge NVNT 2-DH1 2480MHz Ant1 No-Hopping Ref



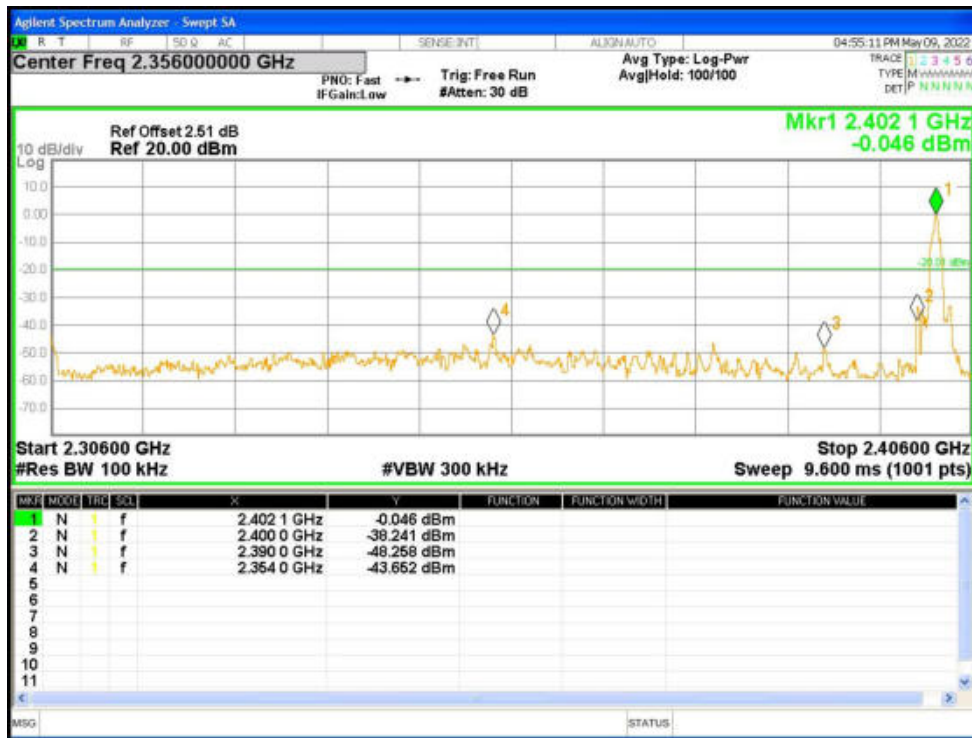
Band Edge NVNT 2-DH1 2480MHz Ant1 No-Hopping Emission



Band Edge NVNT 3-DH1 2402MHz Ant1 No-Hopping Ref



Band Edge NVNT 3-DH1 2402MHz Ant1 No-Hopping Emission



Band Edge NVNT 3-DH1 2480MHz Ant1 No-Hopping Ref



Band Edge NVNT 3-DH1 2480MHz Ant1 No-Hopping Emission

Band Edge(Hopping)

| Condition | Mode | Frequency (MHz) | Antenna | Hopping Mode | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|-------|-----------------|---------|--------------|-----------------|-------------|---------|
| NVNT | 1-DH1 | 2402 | Ant1 | Hopping | -42.01 | -20 | Pass |
| NVNT | 1-DH1 | 2480 | Ant1 | Hopping | -40.99 | -20 | Pass |
| NVNT | 2-DH1 | 2402 | Ant1 | Hopping | -41.28 | -20 | Pass |
| NVNT | 2-DH1 | 2480 | Ant1 | Hopping | -42.68 | -20 | Pass |
| NVNT | 3-DH1 | 2402 | Ant1 | Hopping | -42.69 | -20 | Pass |
| NVNT | 3-DH1 | 2480 | Ant1 | Hopping | -40.19 | -20 | Pass |

Band Edge(Hopping) NVNT 1-DH1 2402MHz Ant1 Hopping Ref



Band Edge(Hopping) NVNT 1-DH1 2402MHz Ant1 Hopping Emission