



REPORT No.: SZ25120367W03

# TEST REPORT

**APPLICANT** : Wuxi iData Technology Co., Ltd.

**PRODUCT NAME** : New Mobile Computer

**MODEL NAME** : Refer to section 2.2

**BRAND NAME** : iData

**FCC ID** : 2ADE3IDATAW7

**STANDARD(S)** : 47 CFR Part 15 Subpart C

**RECEIPT DATE** : 2026-01-26

**TEST DATE** : 2026-02-04 to 2026-04-10

**ISSUE DATE** : 2026-05-09



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| Change History |            |                   |
|----------------|------------|-------------------|
| Version        | Date       | Reason for change |
| 1.0            | 2026-05-09 | First edition     |
|                |            |                   |



# 1. Summary of Test Result

| No. | Section           | Description                               | Test Date           | Test Engineer  | Result | Remark |
|-----|-------------------|-------------------------------------------|---------------------|----------------|--------|--------|
| 1   | 15.203            | Antenna Requirement                       | N/A                 | N/A            | PASS   | /      |
| 2   | N/A               | Duty Cycle of Test Signal                 | Feb. 27, 2026       | Lin Haoyang    | PASS   | /      |
| 3   | 15.247(b)         | Maximum Peak Conducted Output Power       | Feb. 27, 2026       | Lin Haoyang    | PASS   | /      |
| 4   | 15.247(b)         | Maximum Average Conducted Output Power    | Feb. 27, 2026       | Lin Haoyang    | PASS   | /      |
| 5   | 15.247(a)         | Bandwidth                                 | Feb. 27, 2026       | Lin Haoyang    | PASS   | /      |
| 6   | 15.247(d)         | Conducted Spurious Emission and Band Edge | Feb. 27, 2026       | Lin Haoyang    | PASS   | /      |
| 7   | 15.247(e)         | Power Spectral Density                    | Feb. 27, 2026       | Lin Haoyang    | PASS   | /      |
| 8   | 15.207            | Conducted Emission                        | Feb. 26 to 28, 2026 | Wang Yapeng    | PASS   | /      |
| 9   | 15.247(d)         | Restricted Frequency Bands                | Feb. 06 to 25, 2026 | Xiong Xianhong | PASS   | /      |
| 10  | 15.209, 15.247(d) | Radiated Emission                         | Feb. 06 to 25, 2026 | Xiong Xianhong | PASS   | /      |

**Note 1:** All test items are tested and evaluated in the worse mode with reference to output power results.

**Note 2:** The tests were performed according to the method of measurements prescribed in ANSI C63.10-2020 and KDB 558074 D01 v05r02.

**Note 3:** Any additions, deviation, or exclusions from the method shall be noted in the "Remark".



## 1.1. Testing Applied Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- 47 CFR Part 15 Subpart C Radio Frequency Devices



## 1.2. Test Equipment List

### 1.2.1 Conducted Test Equipment

| Equipment                 | Serial No. | Type   | Manufacturer | Cal. Date  | Due Date   |
|---------------------------|------------|--------|--------------|------------|------------|
| EXA Signal Analyzer       | MY53470836 | N9010A | Agilent      | 2025.12.24 | 2026.12.23 |
| RF Cable<br>(30MHz-26GHz) | CB01       | RF01   | Morlab       | N/A        | N/A        |
| SMA Connector             | CN01       | RF03   | HUBER-SUHNER | N/A        | N/A        |

### 1.2.2 Conducted Emission Test Equipment

| Equipment                                         | Serial No.       | Type     | Manufacturer | Cal. Date  | Due Date   |
|---------------------------------------------------|------------------|----------|--------------|------------|------------|
| Receiver                                          | 101052           | ESPI     | R&S          | 2025.05.15 | 2026.05.14 |
| LISN                                              | 103131           | ENV 216  | R&S          | 2025.04.18 | 2026.04.17 |
| INTELLIGENT<br>PURE SINE-<br>WAVE POWER<br>SUPPLY | 1008004          | TPS 500B | EVERFINE     | 2025.09.11 | 2026.09.10 |
| RF Coaxial Cable<br>(DC-100MHz)                   | EMC-CE-<br>00514 | N/A      | N/A          | 2025.05.06 | 2026.05.05 |

### 1.2.3 List of Software Used

| Description    | Manufacturer | Software Version |
|----------------|--------------|------------------|
| Test System    | MaiWei       | 2.0.0.0          |
| JS32-RE        | Tonscend     | 5.0.0            |
| TS+ -[JS32-CE] | Tonscend     | 2.5.0.0          |

**1.2.4 Radiated Test Equipment**

| Equipment                   | Serial No.    | Type                  | Manufacturer | Cal. Date  | Due Date   |
|-----------------------------|---------------|-----------------------|--------------|------------|------------|
| Signal Analyzer             | MY56060145    | N9020A                | Agilent      | 2025.05.13 | 2026.05.12 |
| Test Antenna - Bi-Log       | 9163-274      | VULB 9163             | Schwarzbeck  | 2025.06.28 | 2026.06.27 |
| Test Antenna - Loop         | 1519-022      | FMZB1519              | Schwarzbeck  | 2025.05.16 | 2026.05.15 |
| Test Antenna – Horn         | 9120D-963     | BBHA 9120D            | Schwarzbeck  | 2025.05.16 | 2026.05.15 |
| Test Antenna – Horn         | BBHA9170 #773 | BBHA9170              | Schwarzbeck  | 2025.06.20 | 2026.06.19 |
| Preamplifier (10MHz-6GHz)   | 46732         | S10M100L38 02         | LUCIX CORP.  | 2025.05.13 | 2026.05.12 |
| Preamplifier (2GHz-18GHz)   | 61171/61172   | S020180L32 03         | LUCIX CORP.  | 2025.05.13 | 2026.05.12 |
| Preamplifier (18GHz-40GHz)  | DS77209       | DCLNA0118-40C-S       | Decentest    | 2025.05.13 | 2026.05.12 |
| RF Coaxial Cable (DC-18GHz) | MRE001        | PE330                 | Pasternack   | 2025.05.13 | 2026.05.12 |
| RF Coaxial Cable (DC-18GHz) | MRE002        | CLU18                 | Pasternack   | 2025.05.13 | 2026.05.12 |
| RF Coaxial Cable (DC-18GHz) | MRE003        | CLU18                 | Pasternack   | 2025.05.13 | 2026.05.12 |
| RF Coaxial Cable (DC-40GHz) | 22290045      | QA360-40-KK-0.5       | Qualwave     | 2025.09.03 | 2026.09.02 |
| RF Coaxial Cable (DC-40GHz) | 22290046      | QA360-40-KKF-2        | Qualwave     | 2025.09.03 | 2026.09.02 |
| RF Coaxial Cable (DC-18GHz) | 22120181      | QA500-18-NN-5         | Qualwave     | 2025.09.03 | 2026.09.02 |
| Notch Filter                | N/A           | WRCG-2400-2483.5-60SS | Wainwright   | N/A        | N/A        |
| Anechoic Chamber            | N/A           | 9m*6m*6m              | CRT          | 2025.06.21 | 2028.06.20 |
| Anechoic Chamber            | N/A           | 9m*6m*6m              | CRT          | 2025.04.19 | 2028.04.18 |



### 1.3. Measurement Uncertainty

| Test Items                  | Uncertainty         | Remark                   |
|-----------------------------|---------------------|--------------------------|
| Peak Output Power           | $\pm 2.22\text{dB}$ | Confidence levels of 95% |
| Power Spectral Density      | $\pm 2.22\text{dB}$ | Confidence levels of 95% |
| Bandwidth                   | $\pm 5\%$           | Confidence levels of 95% |
| Conducted Spurious Emission | $\pm 2.77\text{dB}$ | Confidence levels of 95% |
| Restricted Frequency Bands  | $\pm 5\%$           | Confidence levels of 95% |
| Radiated Emission           | $\pm 2.95\text{dB}$ | Confidence levels of 95% |
| Conducted Emission          | $\pm 2.44\text{dB}$ | Confidence levels of 95% |

### 1.4. Testing Laboratory

|                                    |                                                                                                                                    |
|------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Laboratory Name:                   | Shenzhen Morlab Communications Technology Co., Ltd.                                                                                |
| Laboratory Address:                | FL.1-3, Building A, FeiYang Science Park, No.8 LongChang Road, Block 67, BaoAn District, ShenZhen, GuangDong Province, P. R. China |
| Telephone:                         | +86 755 36698555                                                                                                                   |
| Facsimile:                         | +86 755 36698525                                                                                                                   |
| FCC Designation Number:            | CN1192                                                                                                                             |
| FCC Test Firm Registration Number: | 226174                                                                                                                             |



## 2. General Description

### 2.1. Information of Applicant and Manufacturer

|                              |                                                                   |
|------------------------------|-------------------------------------------------------------------|
| <b>Applicant:</b>            | Wuxi iData Technology Co., Ltd.                                   |
| <b>Applicant Address:</b>    | Floor 11, Building B1, No.999 Gaolang East Road Wuxi City, P.R.C. |
| <b>Manufacturer:</b>         | Wuxi iData Technology Co., Ltd.                                   |
| <b>Manufacturer Address:</b> | Floor 11, Building B1, No.999 Gaolang East Road Wuxi City, P.R.C. |

### 2.2. Information of EUT

|                                   |                                                                                                                                                                                                                                                                                                                                                                           |         |                                        |
|-----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|----------------------------------------|
| <b>Product Name:</b>              | New Mobile Computer                                                                                                                                                                                                                                                                                                                                                       |         |                                        |
| <b>Sample No.:</b>                | 1#, 3#, 11#                                                                                                                                                                                                                                                                                                                                                               |         |                                        |
| <b>Model Name:</b>                | iDataW7, iDataW7S, iDataW7Pro, iDataW7Turbo, iDataW7A, iDataW7G, iDataW7L, iDataW7COLD, iDataW7SCOLD, iDataW7ProCOLD, iDataW7TurboCOLD, iDataW7ACOLD, iDataW7GCOLD, iDataW7LCOLD, iDataW7HC, iDataW7SHC, iDataW7ProHC, iDataW7TurboHC, iDataW7AHC, iDataW7GHC, iDataW7LHC, iDataW7XHC, iDataW7XSHC, iDataW7XProHC, iDataW7XTurboHC, iDataW7XAHC, iDataW7XGHC, iDataW7XLHC |         |                                        |
| <b>Hardware Version:</b>          | B1-1                                                                                                                                                                                                                                                                                                                                                                      |         |                                        |
| <b>Software Version:</b>          | 15.00                                                                                                                                                                                                                                                                                                                                                                     |         |                                        |
| <b>Modulation Technology:</b>     | DSSS, OFDM, OFDMA                                                                                                                                                                                                                                                                                                                                                         |         |                                        |
| <b>Modulation Type:</b>           | Refer to section 2.4.1                                                                                                                                                                                                                                                                                                                                                    |         |                                        |
| <b>Wireless Technology:</b>       | 802.11b, 802.11g, 802.11n (HT20)<br>802.11ax (HEW20), 802.11ax (HEW40)                                                                                                                                                                                                                                                                                                    |         |                                        |
| <b>Operating Frequency Range:</b> | 2412MHz–2472MHz                                                                                                                                                                                                                                                                                                                                                           |         |                                        |
| <b>Antenna Type:</b>              | PIFA Antenna                                                                                                                                                                                                                                                                                                                                                              |         |                                        |
| <b>Antenna Gain (dBi):</b>        | ANT 1                                                                                                                                                                                                                                                                                                                                                                     | ANT 2   | Directional Gain <small>Note 2</small> |
|                                   | 2.19                                                                                                                                                                                                                                                                                                                                                                      | 2.02    | 5.12                                   |
| <b>Accessory Information:</b>     | Battery 1                                                                                                                                                                                                                                                                                                                                                                 |         |                                        |
|                                   | Brand Name:                                                                                                                                                                                                                                                                                                                                                               | N/A     |                                        |
|                                   | Model No.:                                                                                                                                                                                                                                                                                                                                                                | CLP1287 |                                        |
|                                   | Serial No.:                                                                                                                                                                                                                                                                                                                                                               | N/A     |                                        |
|                                   | Capacity:                                                                                                                                                                                                                                                                                                                                                                 | 3300mAh |                                        |

|  |                |                                                      |
|--|----------------|------------------------------------------------------|
|  | Rated Voltage: | 3.6V                                                 |
|  | Charge Limit:  | 4.2V                                                 |
|  | Manufacturer:  | SHENZHEN CHOLIPower TECHNOLOGY CO.,LTD.              |
|  | Battery 2      |                                                      |
|  | Brand Name:    | N/A                                                  |
|  | Model No.:     | ZWD301322HM                                          |
|  | Serial No.:    | N/A                                                  |
|  | Capacity:      | 65mAh                                                |
|  | Rated Voltage: | 3.85V                                                |
|  | Charge Limit:  | 4.4V                                                 |
|  | Manufacturer:  | ZHONGSHAN ZHONGWANGDE<br>NEWENERGY TECHNOLOGY C..LTD |
|  | AC Adapter     |                                                      |
|  | Brand Name:    | N/A                                                  |
|  | Model No.:     | TPD-203R120167CF01                                   |
|  | Serial No.:    | N/A                                                  |
|  | Rated Output:  | 5V=3A or 9V=2.22A or 12V=1.67A                       |
|  | Rated Input:   | 100-240V~50/60Hz, 0.6A                               |
|  | Manufacturer:  | SHENZHEN TIANYIN ELECTRONICS CO.,<br>LTD.            |
|  | USB cable      |                                                      |
|  | Model No.:     | K395-11230-R0                                        |
|  | Manufacturer:  | C- Victory Electronics Co.,Ltd.                      |

**Note 1:** According to the certificate holder, they declared that the models iDataW7, iDataW7S, iDataW7Pro, iDataW7Turbo, iDataW7A, iDataW7G, iDataW7L, iDataW7COLD, iDataW7SCOLD, iDataW7ProCOLD, iDataW7TurboCOLD, iDataW7ACOLD, iDataW7GCOLD, iDataW7LCOLD, iDataW7HC, iDataW7SHC, iDataW7ProHC, iDataW7TurboHC, iDataW7AHC, iDataW7GHC, iDataW7LHC, iDataW7XHC, iDataW7XSHC, iDataW7XProHC, iDataW7XTurboHC, iDataW7XAHc, iDataW7XGHC, iDataW7XLHC only the model names are different, their electrical circuit design, layout, components used and internal wiring are identical. No other changes. The main measuring model is iDataW7, only the results for iDataW7 were recorded in this report.

**Note 2:** The EUT supports a MIMO function. Physically, the EUT provides two completed transmitters and two receivers for 802.11n and 802.11ax modulation mode.

| Modulation Mode: | TX Function |
|------------------|-------------|
| 802.11b/g        | 1TX         |
| 802.11n/ax       | 2TX         |



**Note 3:** Directional gain is calculated based on KDB 662911 D01

| KDB 662911 D01 Directional Gain Calculation |                                 |                                                     |                                                                    |
|---------------------------------------------|---------------------------------|-----------------------------------------------------|--------------------------------------------------------------------|
| Clause                                      | Type                            | Correlation                                         | Calculation formula                                                |
| F.2.a                                       | Equal $G_{ANT}$ & Power         | <input type="checkbox"/> (i). Correlated            | $G_{ANT} + 10\log(N_{ANT})$                                        |
|                                             |                                 | <input type="checkbox"/> (ii). Uncorrelated         | $G_{ANT}$                                                          |
| F.2.d                                       | Unequal $G_{ANT}$ & Equal Power | <input checked="" type="checkbox"/> (i). Correlated | $10\log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2/N_{ANT}]$ |
|                                             |                                 | <input type="checkbox"/> (ii). Uncorrelated         | $10\log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/N_{ANT}]$   |

Where  $G_{ANT}$  is the antenna gain in dBi,  $N_{ANT}$  is the number of outputs.

**Note 4:** All radiation test items for 802.11n and 802.11ax modulation mode operate at MIMO mode during the test. Other modulation modes operate at SISO mode, both of the two antennas were tested separately, we only recorded the worst test result (ANT 1) in this report.

**Note 5:** The EUT description presented in the report are provided by applicant and/or manufacturer, and the test laboratory is not responsible for the accuracy of the information. For a more detailed description, please refer to Specification or User's Manual supplied by the applicant and/or manufacturer.

### 2.3.Channel List of EUT

| Nominal Channel Bandwidth | Channel  | Frequency (MHz) | Channel   | Frequency (MHz) |
|---------------------------|----------|-----------------|-----------|-----------------|
| <b>20MHz</b>              | <b>1</b> | <b>2412</b>     | 8         | 2447            |
|                           | 2        | 2417            | 9         | 2452            |
|                           | 3        | 2422            | 10        | 2457            |
|                           | 4        | 2427            | <b>11</b> | <b>2462</b>     |
|                           | 5        | 2432            |           |                 |
|                           | <b>6</b> | <b>2437</b>     |           |                 |
|                           | 7        | 2442            |           |                 |
| Nominal Channel Bandwidth | Channel  | Frequency (MHz) | Channel   | Frequency (MHz) |
| <b>40MHz</b>              | <b>3</b> | <b>2422</b>     | 8         | 2447            |
|                           | 4        | 2427            | <b>9</b>  | <b>2452</b>     |
|                           | 5        | 2432            |           |                 |
|                           | <b>6</b> | <b>2437</b>     |           |                 |
|                           | 7        | 2442            |           |                 |

**Note 1:** The black bold channels were selected for test.

## 2.4. Test Configuration of EUT

### 2.4.1. Modulation Type and Data Rate of EUT

| Mode     | Bandwidth (MHz)  | Modulation Technology | Modulation Type | Data Rate                 | RU Size       |
|----------|------------------|-----------------------|-----------------|---------------------------|---------------|
| 802.11b  | 20               | DSSS                  | <b>DBPSK</b>    | 1/2/5.5/11Mbps            | N/A           |
|          |                  |                       | DQPSK           |                           |               |
|          |                  |                       | CCK             |                           |               |
| 802.11g  | 20               | OFDM                  | <b>BPSK</b>     | 6/9/12/18/24/36/48/54Mbps | N/A           |
|          |                  |                       | QPSK            |                           |               |
|          |                  |                       | 16QAM           |                           |               |
|          |                  |                       | 64QAM           |                           |               |
| 802.11n  | 20 (HT20)        | OFDM                  | <b>BPSK</b>     | <b>MCS0~MCS7</b>          | N/A           |
|          |                  |                       | QPSK            |                           |               |
|          |                  |                       | 16QAM           |                           |               |
|          |                  |                       | 64QAM           |                           |               |
| 802.11ax | 20/40 (HEW20/40) | OFDM/ OFDMA           | <b>BPSK</b>     | <b>MSC0~MCS11</b>         | 26/52/106/242 |
|          |                  |                       | QPSK            |                           |               |
|          |                  |                       | 16QAM           |                           |               |
|          |                  |                       | 64QAM           |                           |               |
|          |                  |                       | 256QAM          |                           |               |
|          |                  |                       | 1024QAM         |                           |               |

**Note1:** The worst-case mode (bold face) in all data rates has been determined during the pre-scan, only the test data of the worst-case were recorded in this report.

**Note2:** The RF signal transmission of EUT is controlled by the build-in engineering mode which is provided by the manufacturer. The recorded power setting value is the maximum that the engineering mode has configuration during testing.

**2.4.2.802.11ax RU Allocation**

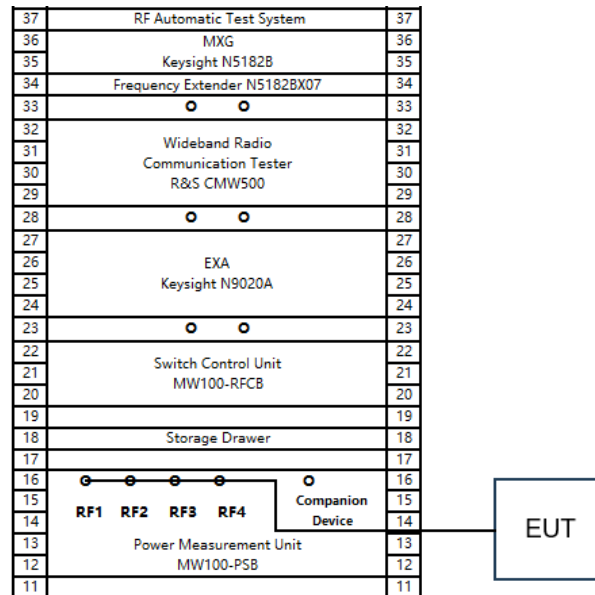
| BW<br>(MHz) | RU Size        |         |             | User | RU Offset                |
|-------------|----------------|---------|-------------|------|--------------------------|
|             | Full<br>(Tone) | Partial |             |      |                          |
|             |                | (Tone)  | BW<br>(MHz) |      |                          |
| 20          | 242            | 26      | 2           | 9    | @0/1/2/3/4/5/6/7/8       |
|             |                | 52      | 4           | 4    | @37/38/39/40             |
|             |                | 106     | 8           | 2    | @53/54                   |
| 40          | 484            | 26      | 2           | 18   | @0/1/2.....15/16/17      |
|             |                | 52      | 4           | 8    | @37/38/39/40/41/42/43/44 |
|             |                | 106     | 8           | 4    | @53/54/55/56             |
|             |                | 242     | 20          | 2    | @61/62                   |

**2.5. Test Conditions**

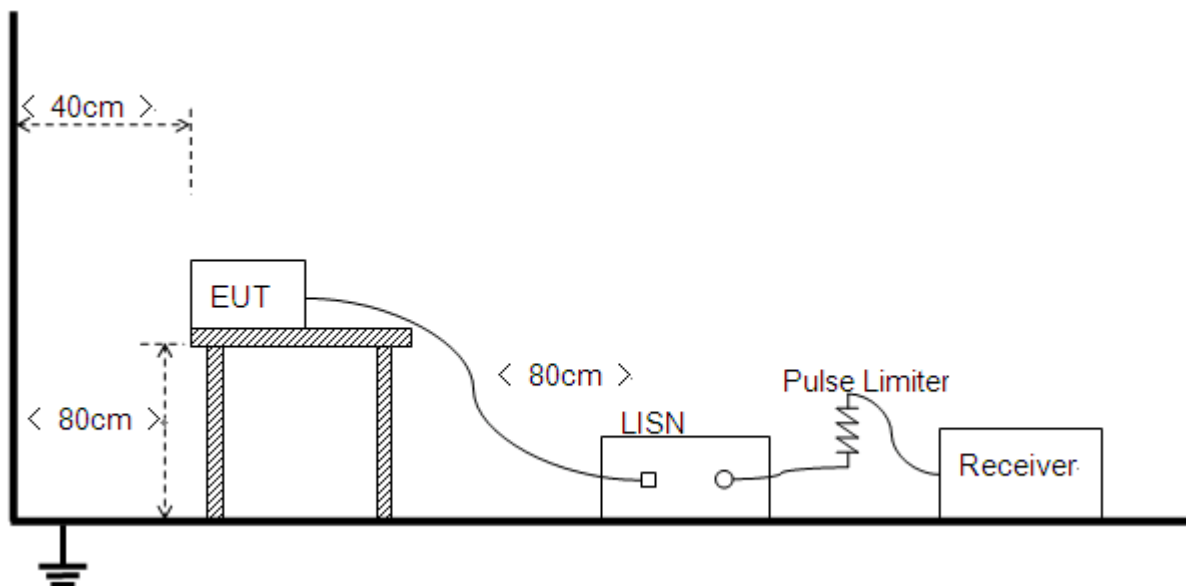
|                             |        |
|-----------------------------|--------|
| Temperature (°C):           | 15-35  |
| Relative Humidity (%):      | 30-60  |
| Atmospheric Pressure (kPa): | 86-106 |

## 2.6. Test Setup Layout Diagram

### 2.6.1. Conducted Measurement

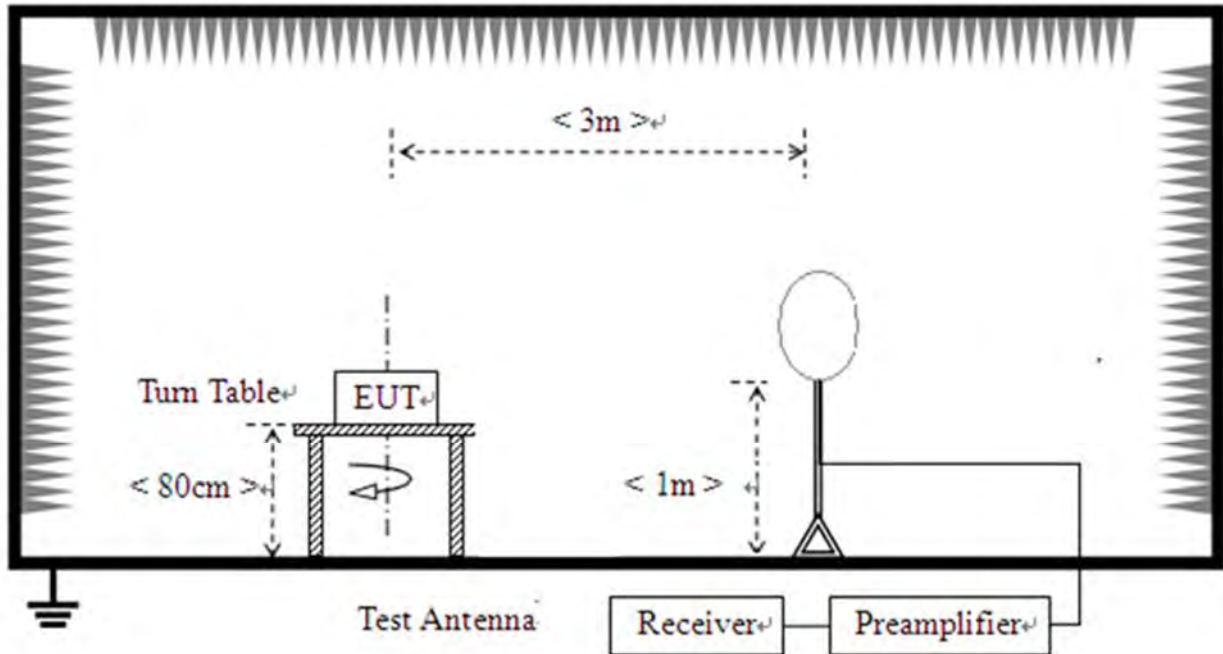


### 2.6.2. Conducted Emission Measurement

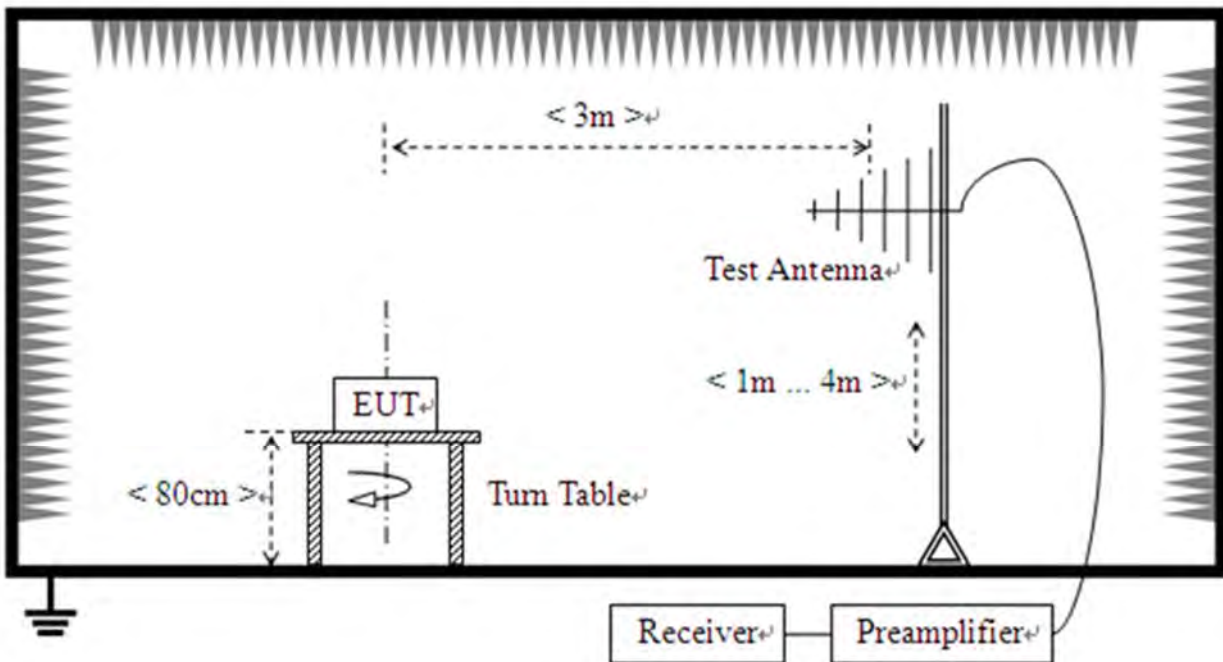


### 2.6.3.Radiation Measurement

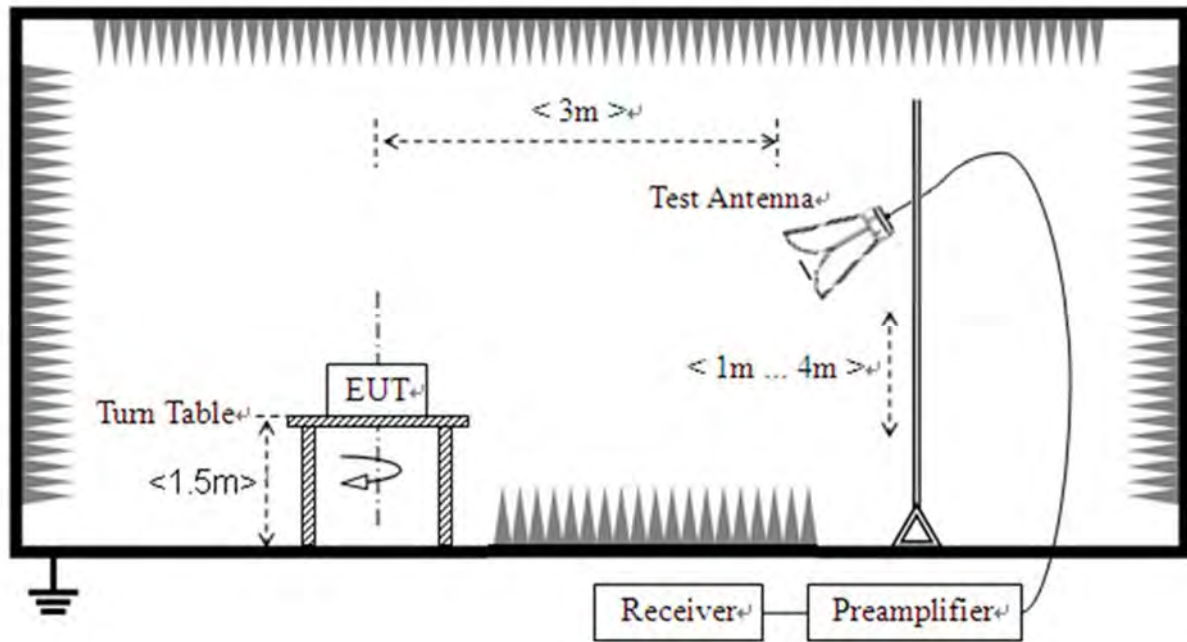
1) For radiated emissions from 9kHz to 30MHz



2) For radiated emissions from 30MHz to 1GHz



3) For radiated emissions above 1GHz





## 3. Test Results

### 3.1. Antenna Requirement

#### 3.1.1. Requirement

According to FCC 15.203, 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 a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section.

#### 3.1.2. Test Result

| Antenna location                                                                  | Antenna Type                                                                                                                                                                                                                                                                                                      | Coupling Method                                                                                                                                                                                                          |
|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <input checked="" type="checkbox"/> Internal<br><input type="checkbox"/> External | <input type="checkbox"/> FPC Antenna<br><input type="checkbox"/> Spring Antenna<br><input type="checkbox"/> Ceramic Antenna<br><input type="checkbox"/> Integrated Antenna<br><input type="checkbox"/> Dipole Antenna<br><input type="checkbox"/> PCB Antenna<br><input checked="" type="checkbox"/> PIFA Antenna | <input type="checkbox"/> I-PEX Connector<br><input type="checkbox"/> SMA Connector<br><input type="checkbox"/> RP-SMA Connector<br><input checked="" type="checkbox"/> Metal Shrapnel<br><input type="checkbox"/> Layout |

## 3.2. Duty Cycle of Test Signal

### 3.2.1. Requirement

Preferably, all measurements of maximum conducted (average) output power will be performed with the EUT transmitting continuously (i.e., with a duty cycle of greater than or equal to 98%). When continuous operation cannot be realized, then the use of sweep triggering/signal gating techniques can be used to ensure that measurements are made only during transmissions at the maximum power control level. Such sweep triggering/signal gating techniques will require knowledge of the minimum transmission duration ( $T$ ) over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation. Sweep triggering/signal gating techniques can then be used if the measurement/sweep time of the analyzer can be set such that it does not exceed  $T$  at any time that data are being acquired (i.e., no transmitter OFF-time is to be considered).

When continuous transmission cannot be achieved and sweep triggering/signal gating cannot be implemented, alternative procedures are provided that can be used to measure the average power; however, they will require an additional measurement of the transmitter duty cycle ( $D$ ). Within this sub clause, the duty cycle refers to the fraction of time over which the transmitter is ON and is transmitting at its maximum power control level. The duty cycle is considered to be constant if variations are less than  $\pm 2\%$ ; otherwise, the duty cycle is considered to be non constant.

### 3.2.2. Test Result

Refer to Annex A.1 in this report.



### **3.3. Maximum Peak and Average Conducted Output Power**

#### **3.3.1. Requirement**

According to FCC section 15.247(b)(3), For systems using digital modulation in the 902-928 MHz, 2400-2483.5 MHz, and 5725-5850 MHz bands: The maximum conducted output power of the intentional radiator shall not exceed 1 Watt. If transmitting antennas of directional gain greater than 6 dBi are used, the conducted output power from the intentional radiator shall be reduced below the stated values in above of this section, as appropriate, by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

#### **3.3.2. Test Procedures**

The EUT (Equipment under the test) which is coupled to the USB Wideband Power Sensor; the RF load attached to the EUT antenna terminal is 50Ohm; the path loss as the factor is calibrated to correct the reading.

#### **3.3.3. Test Setup Layout**

Refer to chapter 2.6.1 in this report.

#### **3.3.4. Test Result**

Refer to Annex A.2 and A.3 in this report.



## **3.4.6 dB Bandwidth**

### **3.4.1.Requirement**

According to FCC section 15.247(a) (2), systems using digital modulation techniques may operate in the 902 - 928 MHz, 2400 - 2483.5 MHz, and 5725 - 5850 MHz bands. The minimum 6dB bandwidth shall be at least 500 kHz.

### **3.4.1.Test Procedures**

KDB 558074 Section 8.2 was used in order to prove compliance.

### **3.4.2.Test Setup Layout**

Refer to chapter 2.6.1 in this report.

### **3.4.3.Test Result**

Refer to Annex A.4 in this report.



## **3.5. Conducted Spurious Emissions and Band Edge**

### **3.5.1. Requirement**

According to FCC section 15.247(d), in any 100kHz 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 20dB below that in the 100kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement.

### **3.5.2. Test Procedures**

KDB 558074 Section 8.5 and 8.7 was used in order to prove compliance.

### **3.5.3. Test Setup Layout**

Refer to chapter 2.6.1 in this report.

### **3.5.4. Test Result**

Refer to Annex A.5 and A.6 in this report.



## 3.6. Power Spectral Density

### 3.6.1. Requirement

For digitally modulated systems, the power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8dBm in any 3 kHz band during any time interval of continuous transmission. This power spectral density shall be determined in accordance with the provisions of paragraph (b) of this section. The same method of determining the conducted output power shall be used to determine the power spectral density.

### 3.6.2. Test Procedures

The measured power spectral density was calculated by the reading of the spectrum analyzer and calibration. Following is the test procedure for PSD test:

- a) Set analyzer center frequency to channel center frequency
- b) Set span to 1.5 times DTS
- c) Set RBW to 30kHz
- d) Set VBW to 100kHz
- e) Detector = peak
- f) Sweep time = auto couple
- g) Trace mode = max hold
- h) Allow trace to fully stabilize
- i) Use the peak marker function to determine the maximum amplitude level and recorded as PD
- j) Use below formula to calculate the Conducted PSD value that at specified RBW:

Conducted PSD = PD - 10lg(30k/3k)

### 3.6.3. Test Setup Layout

Refer to chapter 2.6.1 in this report.

### 3.6.4. Test Result

Refer to Annex A.7 in this report.

## 3.7. Conducted Emission

### 3.7.1. Requirement

According to FCC section 15.207, for an intentional radiator that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency within the band 150kHz to 30MHz shall not exceed the limits in the following table, as measured using a 50 $\mu$ H/50 $\Omega$  line impedance stabilization network (LISN).

| Frequency Range (MHz) | Conducted Limit (dB $\mu$ V) |          |
|-----------------------|------------------------------|----------|
|                       | Quai-peak                    | Average  |
| 0.15 - 0.50           | 66 to 56                     | 56 to 46 |
| 0.50 - 5              | 56                           | 46       |
| 5 - 30                | 60                           | 50       |

Note:

- (a) The lower limit shall apply at the band edges.
- (b) The limit decreases linearly with the logarithm of the frequency in the range 0.15 - 0.50MHz.

### 3.7.2. Test Procedures

The Table-top EUT was placed upon a non-metallic table 0.8m above the horizontal metal reference ground plane. EUT was connected to LISN and LISN was connected to reference Ground Plane. EUT was 80cm from LISN. The set-up and test methods were according to ANSI C63.10.

### 3.7.3. Test Setup Layout

Refer to chapter 2.6.2 in this report.

### 3.7.4. Test Result

Refer to Annex A.8 in this report.

## 3.8. Restricted Frequency Bands

### 3.8.1. Requirement

According to FCC section 15.247(d), in any 100kHz 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 20dB below that in the 100kHz bandwidth within the band that contains the highest level of the desired power, 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).

### 3.8.2. Test Procedures

The EUT is located in a 3m Semi-Anechoic Chamber; the antenna factors, cable loss and so on of the site as factors are calculated to correct the reading.

For the Test Antenna:

Test Antenna is 3m away from the EUT. Test Antenna height is varied from 1m to 4m above the ground to determine the maximum value of the field strength.

Span = wide enough to fully capture the emission being measured

RBW = 1 MHz for  $f \geq 1\text{GHz}$ , 100 kHz for  $f < 1\text{GHz}$

VBW = 3 MHz

Sweep = auto

Detector function = peak/average

Trace = max hold

Allow the trace to stabilize

### 3.8.3. Test Setup Layout

Refer to chapter 2.6.3 in this report.

### 3.8.4. Test Result

Refer to Annex A.9 in this report.



## 3.9. Radiated Emission

### 3.9.1. Requirement

According to FCC section 15.247(d), radiated emission outside the frequency band attenuation below the general limits specified in FCC section 15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in FCC section 15.205(a), must also comply with the radiated emission limits specified in FCC section 15.209(a).

According to FCC section 15.209 (a), except as provided elsewhere in this subpart, the emissions from an intentional radiator shall not exceed the field strength levels specified in the following table:

| Frequency (MHz) | Field Strength ( $\mu\text{V/m}$ ) | Measurement Distance (m) |
|-----------------|------------------------------------|--------------------------|
| 0.009 - 0.490   | 2400/F(kHz)                        | 300                      |
| 0.490 - 1.705   | 24000/F(kHz)                       | 30                       |
| 1.705 - 30.0    | 30                                 | 30                       |
| 30 - 88         | 100                                | 3                        |
| 88 - 216        | 150                                | 3                        |
| 216 - 960       | 200                                | 3                        |
| Above 960       | 500                                | 3                        |

**Note1:** For above 1000MHz, the emission limit in this paragraph is based on measurement instrumentation employing an average detector, measurement using instrumentation with a peak detector function, corresponding to 20dB above the maximum permitted average limit.

**Note2:** For above 1000MHz, limit field strength of harmonics: 54dBuV/m@3m (AV) and 74dBuV/m@3m (PK). In addition, radiated emissions which fall in the restricted bands, as defined in Section 15.205(a), also should comply with the radiated emission limits specified in Section 15.209(a)(above table).



### 3.9.2. Test Procedures

The EUT is placed on a non-conducting table 80 cm above the ground plane for measurement below 1GHz; 1.5 m above the ground plane for measurement above 1GHz. The antenna to EUT distance is 3 meters. The EUT is configured in accordance with ANSI C63.10. The EUT is set to transmit in a continuous mode.

For measurements below 30MHz, the emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9kHz-90 kHz, 110kHz-490 kHz. Radiated emission limits in these two bands are based on measurements employing an average detector.

For measurements below 1GHz the resolution bandwidth is set to 100kHz for peak detection measurements or 120kHz for quasi-peak detection measurements. Peak detection is used unless otherwise noted as quasi-peak.

For measurements above 1GHz the resolution bandwidth is set to 1MHz, the video band width is set to 3MHz for peak measurements and as applicable for average measurements.

The EUT is rotated through 360 degrees to maximize emissions received. The antenna is scanned from 1 to 4 meters above the ground plane to further maximize the emission. Measurements are made with the antenna polarized in both the vertical and the horizontal positions. For measurements above 1 GHz, keeping the measurement antenna aimed at the source of emissions at each frequency of significant emissions, with polarization oriented for maximum response.

### 3.9.3. Test Setup Layout

Refer to chapter 2.6.3 in this report.

### 3.9.4. Test Result

Refer to Annex A.10 in this report.



## Annex A Test Data and Result

### A.1. Duty Cycle of Test Signal

| Condition | Mode      | Frequency (MHz) | Antenna | Duty Cycle (%) | Correction Factor (dB) | 1/T (kHz) |
|-----------|-----------|-----------------|---------|----------------|------------------------|-----------|
| NVNT      | b SISO    | 2412            | Ant1    | 100            | 0                      | 0         |
| NVNT      | b SISO    | 2442            | Ant1    | 100            | 0                      | 0         |
| NVNT      | b SISO    | 2472            | Ant1    | 100            | 0                      | 0         |
| NVNT      | b SISO    | 2412            | Ant2    | 100            | 0                      | 0         |
| NVNT      | b SISO    | 2442            | Ant2    | 100            | 0                      | 0         |
| NVNT      | b SISO    | 2472            | Ant2    | 100            | 0                      | 0         |
| NVNT      | g SISO    | 2412            | Ant1    | 100            | 0                      | 0         |
| NVNT      | g SISO    | 2442            | Ant1    | 100            | 0                      | 0         |
| NVNT      | g SISO    | 2472            | Ant1    | 100            | 0                      | 0         |
| NVNT      | g SISO    | 2412            | Ant2    | 100            | 0                      | 0         |
| NVNT      | g SISO    | 2442            | Ant2    | 100            | 0                      | 0         |
| NVNT      | g SISO    | 2472            | Ant2    | 100            | 0                      | 0         |
| NVNT      | n20 SISO  | 2412            | Ant1    | 100            | 0                      | 0         |
| NVNT      | n20 SISO  | 2442            | Ant1    | 100            | 0                      | 0         |
| NVNT      | n20 SISO  | 2472            | Ant1    | 100            | 0                      | 0         |
| NVNT      | n20 SISO  | 2412            | Ant2    | 100            | 0                      | 0         |
| NVNT      | n20 SISO  | 2442            | Ant2    | 100            | 0                      | 0         |
| NVNT      | n20 SISO  | 2472            | Ant2    | 100            | 0                      | 0         |
| NVNT      | n20 MIMO  | 2412            | Sum     | 100            | 0                      | 0         |
| NVNT      | n20 MIMO  | 2442            | Sum     | 100            | 0                      | 0         |
| NVNT      | n20 MIMO  | 2472            | Sum     | 100            | 0                      | 0         |
| NVNT      | ax20 SISO | 2412            | Ant1    | 100            | 0                      | 0         |
| NVNT      | ax20 SISO | 2442            | Ant1    | 100            | 0                      | 0         |
| NVNT      | ax20 SISO | 2472            | Ant1    | 100            | 0                      | 0         |
| NVNT      | ax20 SISO | 2412            | Ant2    | 100            | 0                      | 0         |
| NVNT      | ax20 SISO | 2442            | Ant2    | 100            | 0                      | 0         |
| NVNT      | ax20 SISO | 2472            | Ant2    | 100            | 0                      | 0         |
| NVNT      | ax20 MIMO | 2412            | Sum     | 100            | 0                      | 0         |
| NVNT      | ax20 MIMO | 2442            | Sum     | 100            | 0                      | 0         |
| NVNT      | ax20 MIMO | 2472            | Sum     | 100            | 0                      | 0         |
| NVNT      | ax40 SISO | 2422            | Ant1    | 100            | 0                      | 0         |
| NVNT      | ax40 SISO | 2442            | Ant1    | 100            | 0                      | 0         |



|      |                  |      |      |       |      |      |
|------|------------------|------|------|-------|------|------|
| NVNT | ax40 SISO        | 2462 | Ant1 | 100   | 0    | 0    |
| NVNT | ax40 SISO        | 2422 | Ant2 | 100   | 0    | 0    |
| NVNT | ax40 SISO        | 2442 | Ant2 | 100   | 0    | 0    |
| NVNT | ax40 SISO        | 2462 | Ant2 | 100   | 0    | 0    |
| NVNT | ax40 MIMO        | 2422 | Sum  | 100   | 0    | 0    |
| NVNT | ax40 MIMO        | 2442 | Sum  | 100   | 0    | 0    |
| NVNT | ax40 MIMO        | 2462 | Sum  | 100   | 0    | 0    |
| NVNT | ax20 26@0 SISO   | 2412 | Ant1 | 63.77 | 1.95 | 0.69 |
| NVNT | ax20 26@0 SISO   | 2442 | Ant1 | 63.83 | 1.95 | 0.69 |
| NVNT | ax20 26@0 SISO   | 2472 | Ant1 | 65.66 | 1.83 | 0.69 |
| NVNT | ax20 26@0 SISO   | 2412 | Ant2 | 64.61 | 1.9  | 0.69 |
| NVNT | ax20 26@0 SISO   | 2442 | Ant2 | 63.83 | 1.95 | 0.69 |
| NVNT | ax20 26@0 SISO   | 2472 | Ant2 | 64.34 | 1.91 | 0.69 |
| NVNT | ax20 26@0 MIMO   | 2412 | Sum  | 63.77 | 1.95 | 0.69 |
| NVNT | ax20 26@0 MIMO   | 2442 | Sum  | 64.86 | 1.88 | 0.69 |
| NVNT | ax20 26@0 MIMO   | 2472 | Sum  | 64.09 | 1.93 | 0.69 |
| NVNT | ax20 52@37 SISO  | 2412 | Ant1 | 47.59 | 3.22 | 1.33 |
| NVNT | ax20 52@37 SISO  | 2442 | Ant1 | 47.96 | 3.19 | 1.33 |
| NVNT | ax20 52@37 SISO  | 2472 | Ant1 | 48.14 | 3.17 | 1.33 |
| NVNT | ax20 52@37 SISO  | 2412 | Ant2 | 47.96 | 3.19 | 1.33 |
| NVNT | ax20 52@37 SISO  | 2442 | Ant2 | 47.12 | 3.27 | 1.33 |
| NVNT | ax20 52@37 SISO  | 2472 | Ant2 | 47.9  | 3.2  | 1.33 |
| NVNT | ax20 52@37 MIMO  | 2412 | Sum  | 47.9  | 3.2  | 1.33 |
| NVNT | ax20 52@37 MIMO  | 2442 | Sum  | 47.66 | 3.22 | 1.33 |
| NVNT | ax20 52@37 MIMO  | 2472 | Sum  | 47.9  | 3.2  | 1.33 |
| NVNT | ax20 106@53 SISO | 2412 | Ant1 | 36.19 | 4.41 | 2.58 |
| NVNT | ax20 106@53 SISO | 2442 | Ant1 | 32.44 | 4.89 | 2.58 |
| NVNT | ax20 106@53 SISO | 2472 | Ant1 | 32.17 | 4.93 | 2.58 |
| NVNT | ax20 106@53 SISO | 2412 | Ant2 | 16.97 | 7.7  | 2.56 |
| NVNT | ax20 106@53 SISO | 2442 | Ant2 | 32.17 | 4.93 | 2.58 |
| NVNT | ax20 106@53 SISO | 2472 | Ant2 | 32.34 | 4.9  | 2.56 |
| NVNT | ax20 106@53 MIMO | 2412 | Sum  | 32.28 | 4.91 | 2.56 |
| NVNT | ax20 106@53 MIMO | 2442 | Sum  | 31.29 | 5.05 | 2.58 |
| NVNT | ax20 106@53 MIMO | 2472 | Sum  | 32.28 | 4.91 | 2.56 |
| NVNT | ax40 26@0 SISO   | 2422 | Ant1 | 63.55 | 1.97 | 0.69 |
| NVNT | ax40 26@0 SISO   | 2442 | Ant1 | 63.83 | 1.95 | 0.69 |
| NVNT | ax40 26@0 SISO   | 2462 | Ant1 | 63.83 | 1.95 | 0.69 |
| NVNT | ax40 26@0 SISO   | 2422 | Ant2 | 63.83 | 1.95 | 0.69 |



|      |                  |      |      |       |      |      |
|------|------------------|------|------|-------|------|------|
| NVNT | ax40 26@0 SISO   | 2442 | Ant2 | 63.77 | 1.95 | 0.69 |
| NVNT | ax40 26@0 SISO   | 2462 | Ant2 | 63.55 | 1.97 | 0.69 |
| NVNT | ax40 26@0 MIMO   | 2422 | Sum  | 64.11 | 1.93 | 0.69 |
| NVNT | ax40 26@0 MIMO   | 2442 | Sum  | 64.57 | 1.9  | 0.69 |
| NVNT | ax40 26@0 MIMO   | 2462 | Sum  | 65.34 | 1.85 | 0.69 |
| NVNT | ax40 52@37 SISO  | 2422 | Ant1 | 47.72 | 3.21 | 1.33 |
| NVNT | ax40 52@37 SISO  | 2442 | Ant1 | 47.9  | 3.2  | 1.33 |
| NVNT | ax40 52@37 SISO  | 2462 | Ant1 | 48.03 | 3.19 | 1.33 |
| NVNT | ax40 52@37 SISO  | 2422 | Ant2 | 48.03 | 3.19 | 1.33 |
| NVNT | ax40 52@37 SISO  | 2442 | Ant2 | 47.59 | 3.22 | 1.33 |
| NVNT | ax40 52@37 SISO  | 2462 | Ant2 | 47.9  | 3.2  | 1.33 |
| NVNT | ax40 52@37 MIMO  | 2422 | Sum  | 47.18 | 3.26 | 1.33 |
| NVNT | ax40 52@37 MIMO  | 2442 | Sum  | 48.03 | 3.19 | 1.33 |
| NVNT | ax40 52@37 MIMO  | 2462 | Sum  | 47.9  | 3.2  | 1.33 |
| NVNT | ax40 106@53 SISO | 2422 | Ant1 | 32.07 | 4.94 | 2.56 |
| NVNT | ax40 106@53 SISO | 2442 | Ant1 | 32.34 | 4.9  | 2.56 |
| NVNT | ax40 106@53 SISO | 2462 | Ant1 | 32.34 | 4.9  | 2.56 |
| NVNT | ax40 106@53 SISO | 2422 | Ant2 | 32.34 | 4.9  | 2.56 |
| NVNT | ax40 106@53 SISO | 2442 | Ant2 | 32.17 | 4.93 | 2.58 |
| NVNT | ax40 106@53 SISO | 2462 | Ant2 | 16.8  | 7.75 | 2.56 |
| NVNT | ax40 106@53 MIMO | 2422 | Sum  | 32.34 | 4.9  | 2.56 |
| NVNT | ax40 106@53 MIMO | 2442 | Sum  | 32.17 | 4.93 | 2.58 |
| NVNT | ax40 106@53 MIMO | 2462 | Sum  | 32.17 | 4.93 | 2.58 |
| NVNT | ax40 242@61 SISO | 2422 | Ant1 | 17.38 | 7.6  | 4.9  |
| NVNT | ax40 242@61 SISO | 2442 | Ant1 | 17.52 | 7.57 | 4.85 |
| NVNT | ax40 242@61 SISO | 2462 | Ant1 | 17.52 | 7.57 | 4.85 |
| NVNT | ax40 242@61 SISO | 2422 | Ant2 | 17.52 | 7.57 | 4.85 |
| NVNT | ax40 242@61 SISO | 2442 | Ant2 | 17.64 | 7.54 | 4.85 |
| NVNT | ax40 242@61 SISO | 2462 | Ant2 | 17.64 | 7.54 | 4.85 |
| NVNT | ax40 242@61 MIMO | 2422 | Sum  | 16.97 | 7.7  | 4.9  |
| NVNT | ax40 242@61 MIMO | 2442 | Sum  | 17.52 | 7.57 | 4.85 |
| NVNT | ax40 242@61 MIMO | 2462 | Sum  | 17.5  | 7.57 | 4.9  |

**A.2. Maximum Peak Conducted Output Power**

| Condition | Mode     | Frequency (MHz) | Antenna | Conducted Power (dBm) | Duty Factor (dB) | Total Conducted Power (dBm) | Total Conducted Power (W) | Limit Conducted (dBm) | Verdict |
|-----------|----------|-----------------|---------|-----------------------|------------------|-----------------------------|---------------------------|-----------------------|---------|
| NVNT      | b SISO   | 2412            | Ant1    | 19.81                 | 0                | 19.81                       | 0.09572                   | 30                    | Pass    |
| NVNT      | b SISO   | 2442            | Ant1    | 20.02                 | 0                | 20.02                       | 0.10046                   | 30                    | Pass    |
| NVNT      | b SISO   | 2472            | Ant1    | 20.57                 | 0                | 20.57                       | 0.11402                   | 30                    | Pass    |
| NVNT      | b SISO   | 2412            | Ant2    | 19.79                 | 0                | 19.79                       | 0.09528                   | 30                    | Pass    |
| NVNT      | b SISO   | 2442            | Ant2    | 19.4                  | 0                | 19.4                        | 0.0871                    | 30                    | Pass    |
| NVNT      | b SISO   | 2472            | Ant2    | 19.56                 | 0                | 19.56                       | 0.09036                   | 30                    | Pass    |
| NVNT      | g SISO   | 2412            | Ant1    | 21.69                 | 0                | 21.69                       | 0.14757                   | 30                    | Pass    |
| NVNT      | g SISO   | 2442            | Ant1    | 21.97                 | 0                | 21.97                       | 0.1574                    | 30                    | Pass    |
| NVNT      | g SISO   | 2472            | Ant1    | 22.02                 | 0                | 22.02                       | 0.15922                   | 30                    | Pass    |
| NVNT      | g SISO   | 2412            | Ant2    | 21.96                 | 0                | 21.96                       | 0.15704                   | 30                    | Pass    |
| NVNT      | g SISO   | 2442            | Ant2    | 21.64                 | 0                | 21.64                       | 0.14588                   | 30                    | Pass    |
| NVNT      | g SISO   | 2472            | Ant2    | 21.52                 | 0                | 21.52                       | 0.14191                   | 30                    | Pass    |
| NVNT      | n20 SISO | 2412            | Ant1    | 20.84                 | 0                | 20.84                       | 0.12134                   | 30                    | Pass    |
| NVNT      | n20 SISO | 2442            | Ant1    | 21.1                  | 0                | 21.1                        | 0.12882                   | 30                    | Pass    |
| NVNT      | n20 SISO | 2472            | Ant1    | 21.02                 | 0                | 21.02                       | 0.12647                   | 30                    | Pass    |
| NVNT      | n20 SISO | 2412            | Ant2    | 21.01                 | 0                | 21.01                       | 0.12618                   | 30                    | Pass    |
| NVNT      | n20 SISO | 2442            | Ant2    | 20.91                 | 0                | 20.91                       | 0.12331                   | 30                    | Pass    |
| NVNT      | n20 SISO | 2472            | Ant2    | 20.88                 | 0                | 20.88                       | 0.12246                   | 30                    | Pass    |
| NVNT      | n20 MIMO | 2412            | Ant1    | 20.43                 | 0                | 20.43                       | 0.11041                   | 30                    | Pass    |
| NVNT      | n20 MIMO | 2412            | Ant2    | 20.72                 | 0                | 20.72                       | 0.11803                   | 30                    | Pass    |
| NVNT      | n20 MIMO | 2412            | Sum     | NaN                   | NaN              | 23.59                       | 0.22844                   | 30                    | Pass    |
| NVNT      | n20 MIMO | 2442            | Ant1    | 20.89                 | 0                | 20.89                       | 0.12274                   | 30                    | Pass    |
| NVNT      | n20      | 2442            | Ant2    | 20.61                 | 0                | 20.61                       | 0.11508                   | 30                    | Pass    |



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|      |              |      |      |       |     |       |         |    |      |
|------|--------------|------|------|-------|-----|-------|---------|----|------|
|      | MIMO         |      |      |       |     |       |         |    |      |
| NVNT | n20<br>MIMO  | 2442 | Sum  | NaN   | NaN | 23.76 | 0.23782 | 30 | Pass |
| NVNT | n20<br>MIMO  | 2472 | Ant1 | 21.15 | 0   | 21.15 | 0.13032 | 30 | Pass |
| NVNT | n20<br>MIMO  | 2472 | Ant2 | 20.86 | 0   | 20.86 | 0.1219  | 30 | Pass |
| NVNT | n20<br>MIMO  | 2472 | Sum  | NaN   | NaN | 24.02 | 0.25222 | 30 | Pass |
| NVNT | ax20<br>SISO | 2412 | Ant1 | 28.09 | 0   | 28.09 | 0.64417 | 30 | Pass |
| NVNT | ax20<br>SISO | 2442 | Ant1 | 27.4  | 0   | 27.4  | 0.54954 | 30 | Pass |
| NVNT | ax20<br>SISO | 2472 | Ant1 | 28.4  | 0   | 28.4  | 0.69183 | 30 | Pass |
| NVNT | ax20<br>SISO | 2412 | Ant2 | 28.29 | 0   | 28.29 | 0.67453 | 30 | Pass |
| NVNT | ax20<br>SISO | 2442 | Ant2 | 27.72 | 0   | 27.72 | 0.59156 | 30 | Pass |
| NVNT | ax20<br>SISO | 2472 | Ant2 | 28.04 | 0   | 28.04 | 0.6368  | 30 | Pass |
| NVNT | ax20<br>MIMO | 2412 | Ant1 | 26.21 | 0   | 26.21 | 0.41783 | 30 | Pass |
| NVNT | ax20<br>MIMO | 2412 | Ant2 | 26.22 | 0   | 26.22 | 0.41879 | 30 | Pass |
| NVNT | ax20<br>MIMO | 2412 | Sum  | NaN   | NaN | 29.23 | 0.83662 | 30 | Pass |
| NVNT | ax20<br>MIMO | 2442 | Ant1 | 26.18 | 0   | 26.18 | 0.41495 | 30 | Pass |
| NVNT | ax20<br>MIMO | 2442 | Ant2 | 25.6  | 0   | 25.6  | 0.36308 | 30 | Pass |
| NVNT | ax20<br>MIMO | 2442 | Sum  | NaN   | NaN | 28.91 | 0.77803 | 30 | Pass |
| NVNT | ax20<br>MIMO | 2472 | Ant1 | 26.6  | 0   | 26.6  | 0.45709 | 30 | Pass |
| NVNT | ax20<br>MIMO | 2472 | Ant2 | 26.11 | 0   | 26.11 | 0.40832 | 30 | Pass |
| NVNT | ax20<br>MIMO | 2472 | Sum  | NaN   | NaN | 29.37 | 0.86541 | 30 | Pass |



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|      |                      |      |      |       |     |       |         |    |      |
|------|----------------------|------|------|-------|-----|-------|---------|----|------|
| NVNT | ax40<br>SISO         | 2422 | Ant1 | 27.78 | 0   | 27.78 | 0.59979 | 30 | Pass |
| NVNT | ax40<br>SISO         | 2442 | Ant1 | 28.36 | 0   | 28.36 | 0.68549 | 30 | Pass |
| NVNT | ax40<br>SISO         | 2462 | Ant1 | 28.43 | 0   | 28.43 | 0.69663 | 30 | Pass |
| NVNT | ax40<br>SISO         | 2422 | Ant2 | 28.61 | 0   | 28.61 | 0.72611 | 30 | Pass |
| NVNT | ax40<br>SISO         | 2442 | Ant2 | 27.89 | 0   | 27.89 | 0.61518 | 30 | Pass |
| NVNT | ax40<br>SISO         | 2462 | Ant2 | 28.49 | 0   | 28.49 | 0.70632 | 30 | Pass |
| NVNT | ax40<br>MIMO         | 2422 | Ant1 | 26.58 | 0   | 26.58 | 0.45499 | 30 | Pass |
| NVNT | ax40<br>MIMO         | 2422 | Ant2 | 26.47 | 0   | 26.47 | 0.44361 | 30 | Pass |
| NVNT | ax40<br>MIMO         | 2422 | Sum  | NaN   | NaN | 29.54 | 0.8986  | 30 | Pass |
| NVNT | ax40<br>MIMO         | 2442 | Ant1 | 26.66 | 0   | 26.66 | 0.46345 | 30 | Pass |
| NVNT | ax40<br>MIMO         | 2442 | Ant2 | 25.7  | 0   | 25.7  | 0.37154 | 30 | Pass |
| NVNT | ax40<br>MIMO         | 2442 | Sum  | NaN   | NaN | 29.22 | 0.83498 | 30 | Pass |
| NVNT | ax40<br>MIMO         | 2462 | Ant1 | 26.62 | 0   | 26.62 | 0.4592  | 30 | Pass |
| NVNT | ax40<br>MIMO         | 2462 | Ant2 | 26.46 | 0   | 26.46 | 0.44259 | 30 | Pass |
| NVNT | ax40<br>MIMO         | 2462 | Sum  | NaN   | NaN | 29.55 | 0.90179 | 30 | Pass |
| NVNT | ax20<br>26@0<br>SISO | 2412 | Ant1 | 23.78 | 0   | 23.78 | 0.23878 | 30 | Pass |
| NVNT | ax20<br>26@0<br>SISO | 2442 | Ant1 | 22.97 | 0   | 22.97 | 0.19815 | 30 | Pass |
| NVNT | ax20<br>26@0<br>SISO | 2472 | Ant1 | 24.08 | 0   | 24.08 | 0.25586 | 30 | Pass |



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|      |                       |      |      |       |     |       |         |    |      |
|------|-----------------------|------|------|-------|-----|-------|---------|----|------|
| NVNT | ax20<br>26@0<br>SISO  | 2412 | Ant2 | 23.94 | 0   | 23.94 | 0.24774 | 30 | Pass |
| NVNT | ax20<br>26@0<br>SISO  | 2442 | Ant2 | 22.52 | 0   | 22.52 | 0.17865 | 30 | Pass |
| NVNT | ax20<br>26@0<br>SISO  | 2472 | Ant2 | 24.53 | 0   | 24.53 | 0.28379 | 30 | Pass |
| NVNT | ax20<br>26@0<br>MIMO  | 2412 | Ant1 | 24.25 | 0   | 24.25 | 0.26607 | 30 | Pass |
| NVNT | ax20<br>26@0<br>MIMO  | 2412 | Ant2 | 23.7  | 0   | 23.7  | 0.23442 | 30 | Pass |
| NVNT | ax20<br>26@0<br>MIMO  | 2412 | Sum  | NaN   | NaN | 26.99 | 0.5005  | 30 | Pass |
| NVNT | ax20<br>26@0<br>MIMO  | 2442 | Ant1 | 23.82 | 0   | 23.82 | 0.24099 | 30 | Pass |
| NVNT | ax20<br>26@0<br>MIMO  | 2442 | Ant2 | 22.83 | 0   | 22.83 | 0.19187 | 30 | Pass |
| NVNT | ax20<br>26@0<br>MIMO  | 2442 | Sum  | NaN   | NaN | 26.36 | 0.43286 | 30 | Pass |
| NVNT | ax20<br>26@0<br>MIMO  | 2472 | Ant1 | 24.71 | 0   | 24.71 | 0.2958  | 30 | Pass |
| NVNT | ax20<br>26@0<br>MIMO  | 2472 | Ant2 | 24.6  | 0   | 24.6  | 0.2884  | 30 | Pass |
| NVNT | ax20<br>26@0<br>MIMO  | 2472 | Sum  | NaN   | NaN | 27.67 | 0.5842  | 30 | Pass |
| NVNT | ax20<br>52@37<br>SISO | 2412 | Ant1 | 23.75 | 0   | 23.75 | 0.23714 | 30 | Pass |



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|      |                       |      |      |       |     |       |         |    |      |
|------|-----------------------|------|------|-------|-----|-------|---------|----|------|
| NVNT | ax20<br>52@37<br>SISO | 2442 | Ant1 | 23.19 | 0   | 23.19 | 0.20845 | 30 | Pass |
| NVNT | ax20<br>52@37<br>SISO | 2472 | Ant1 | 24.72 | 0   | 24.72 | 0.29648 | 30 | Pass |
| NVNT | ax20<br>52@37<br>SISO | 2412 | Ant2 | 23.69 | 0   | 23.69 | 0.23388 | 30 | Pass |
| NVNT | ax20<br>52@37<br>SISO | 2442 | Ant2 | 22.87 | 0   | 22.87 | 0.19364 | 30 | Pass |
| NVNT | ax20<br>52@37<br>SISO | 2472 | Ant2 | 24.52 | 0   | 24.52 | 0.28314 | 30 | Pass |
| NVNT | ax20<br>52@37<br>MIMO | 2412 | Ant1 | 24.29 | 0   | 24.29 | 0.26853 | 30 | Pass |
| NVNT | ax20<br>52@37<br>MIMO | 2412 | Ant2 | 23.84 | 0   | 23.84 | 0.2421  | 30 | Pass |
| NVNT | ax20<br>52@37<br>MIMO | 2412 | Sum  | NaN   | NaN | 27.08 | 0.51064 | 30 | Pass |
| NVNT | ax20<br>52@37<br>MIMO | 2442 | Ant1 | 23.67 | 0   | 23.67 | 0.23281 | 30 | Pass |
| NVNT | ax20<br>52@37<br>MIMO | 2442 | Ant2 | 22.82 | 0   | 22.82 | 0.19143 | 30 | Pass |
| NVNT | ax20<br>52@37<br>MIMO | 2442 | Sum  | NaN   | NaN | 26.28 | 0.42423 | 30 | Pass |
| NVNT | ax20<br>52@37<br>MIMO | 2472 | Ant1 | 25.34 | 0   | 25.34 | 0.34198 | 30 | Pass |
| NVNT | ax20<br>52@37<br>MIMO | 2472 | Ant2 | 24.59 | 0   | 24.59 | 0.28774 | 30 | Pass |



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|      |                        |      |      |       |     |       |         |    |      |
|------|------------------------|------|------|-------|-----|-------|---------|----|------|
| NVNT | ax20<br>52@37<br>MIMO  | 2472 | Sum  | NaN   | NaN | 27.99 | 0.62972 | 30 | Pass |
| NVNT | ax20<br>106@53<br>SISO | 2412 | Ant1 | 23.09 | 0   | 23.09 | 0.2037  | 30 | Pass |
| NVNT | ax20<br>106@53<br>SISO | 2442 | Ant1 | 23.26 | 0   | 23.26 | 0.21184 | 30 | Pass |
| NVNT | ax20<br>106@53<br>SISO | 2472 | Ant1 | 23.89 | 0   | 23.89 | 0.24491 | 30 | Pass |
| NVNT | ax20<br>106@53<br>SISO | 2412 | Ant2 | 22.98 | 0   | 22.98 | 0.19861 | 30 | Pass |
| NVNT | ax20<br>106@53<br>SISO | 2442 | Ant2 | 22.11 | 0   | 22.11 | 0.16255 | 30 | Pass |
| NVNT | ax20<br>106@53<br>SISO | 2472 | Ant2 | 23.28 | 0   | 23.28 | 0.21281 | 30 | Pass |
| NVNT | ax20<br>106@53<br>MIMO | 2412 | Ant1 | 23.25 | 0   | 23.25 | 0.21135 | 30 | Pass |
| NVNT | ax20<br>106@53<br>MIMO | 2412 | Ant2 | 22.89 | 0   | 22.89 | 0.19454 | 30 | Pass |
| NVNT | ax20<br>106@53<br>MIMO | 2412 | Sum  | NaN   | NaN | 26.08 | 0.40588 | 30 | Pass |
| NVNT | ax20<br>106@53<br>MIMO | 2442 | Ant1 | 23.18 | 0   | 23.18 | 0.20797 | 30 | Pass |
| NVNT | ax20<br>106@53<br>MIMO | 2442 | Ant2 | 22.78 | 0   | 22.78 | 0.18967 | 30 | Pass |
| NVNT | ax20<br>106@53<br>MIMO | 2442 | Sum  | NaN   | NaN | 25.99 | 0.39764 | 30 | Pass |



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|      |                        |      |      |       |     |       |         |    |      |
|------|------------------------|------|------|-------|-----|-------|---------|----|------|
| NVNT | ax20<br>106@53<br>MIMO | 2472 | Ant1 | 24.01 | 0   | 24.01 | 0.25177 | 30 | Pass |
| NVNT | ax20<br>106@53<br>MIMO | 2472 | Ant2 | 23.64 | 0   | 23.64 | 0.23121 | 30 | Pass |
| NVNT | ax20<br>106@53<br>MIMO | 2472 | Sum  | NaN   | NaN | 26.84 | 0.48297 | 30 | Pass |
| NVNT | ax40<br>26@0<br>SISO   | 2422 | Ant1 | 23.58 | 0   | 23.58 | 0.22803 | 30 | Pass |
| NVNT | ax40<br>26@0<br>SISO   | 2442 | Ant1 | 23.96 | 0   | 23.96 | 0.24889 | 30 | Pass |
| NVNT | ax40<br>26@0<br>SISO   | 2462 | Ant1 | 23.77 | 0   | 23.77 | 0.23823 | 30 | Pass |
| NVNT | ax40<br>26@0<br>SISO   | 2422 | Ant2 | 23.29 | 0   | 23.29 | 0.2133  | 30 | Pass |
| NVNT | ax40<br>26@0<br>SISO   | 2442 | Ant2 | 23.37 | 0   | 23.37 | 0.21727 | 30 | Pass |
| NVNT | ax40<br>26@0<br>SISO   | 2462 | Ant2 | 23.46 | 0   | 23.46 | 0.22182 | 30 | Pass |
| NVNT | ax40<br>26@0<br>MIMO   | 2422 | Ant1 | 23.78 | 0   | 23.78 | 0.23878 | 30 | Pass |
| NVNT | ax40<br>26@0<br>MIMO   | 2422 | Ant2 | 23.15 | 0   | 23.15 | 0.20654 | 30 | Pass |
| NVNT | ax40<br>26@0<br>MIMO   | 2422 | Sum  | NaN   | NaN | 26.49 | 0.44532 | 30 | Pass |
| NVNT | ax40<br>26@0<br>MIMO   | 2442 | Ant1 | 24.7  | 0   | 24.7  | 0.29512 | 30 | Pass |



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|      |                       |      |      |       |     |       |         |    |      |
|------|-----------------------|------|------|-------|-----|-------|---------|----|------|
| NVNT | ax40<br>26@0<br>MIMO  | 2442 | Ant2 | 23.4  | 0   | 23.4  | 0.21878 | 30 | Pass |
| NVNT | ax40<br>26@0<br>MIMO  | 2442 | Sum  | NaN   | NaN | 27.11 | 0.5139  | 30 | Pass |
| NVNT | ax40<br>26@0<br>MIMO  | 2462 | Ant1 | 24.1  | 0   | 24.1  | 0.25704 | 30 | Pass |
| NVNT | ax40<br>26@0<br>MIMO  | 2462 | Ant2 | 23.08 | 0   | 23.08 | 0.20324 | 30 | Pass |
| NVNT | ax40<br>26@0<br>MIMO  | 2462 | Sum  | NaN   | NaN | 26.63 | 0.46028 | 30 | Pass |
| NVNT | ax40<br>52@37<br>SISO | 2422 | Ant1 | 23.39 | 0   | 23.39 | 0.21827 | 30 | Pass |
| NVNT | ax40<br>52@37<br>SISO | 2442 | Ant1 | 23.99 | 0   | 23.99 | 0.25061 | 30 | Pass |
| NVNT | ax40<br>52@37<br>SISO | 2462 | Ant1 | 23.72 | 0   | 23.72 | 0.2355  | 30 | Pass |
| NVNT | ax40<br>52@37<br>SISO | 2422 | Ant2 | 23.09 | 0   | 23.09 | 0.2037  | 30 | Pass |
| NVNT | ax40<br>52@37<br>SISO | 2442 | Ant2 | 23.08 | 0   | 23.08 | 0.20324 | 30 | Pass |
| NVNT | ax40<br>52@37<br>SISO | 2462 | Ant2 | 23.78 | 0   | 23.78 | 0.23878 | 30 | Pass |
| NVNT | ax40<br>52@37<br>MIMO | 2422 | Ant1 | 23.05 | 0   | 23.05 | 0.20184 | 30 | Pass |
| NVNT | ax40<br>52@37<br>MIMO | 2422 | Ant2 | 22.99 | 0   | 22.99 | 0.19907 | 30 | Pass |



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|      |                        |      |      |       |     |       |         |    |      |
|------|------------------------|------|------|-------|-----|-------|---------|----|------|
| NVNT | ax40<br>52@37<br>MIMO  | 2422 | Sum  | NaN   | NaN | 26.03 | 0.4009  | 30 | Pass |
| NVNT | ax40<br>52@37<br>MIMO  | 2442 | Ant1 | 24.07 | 0   | 24.07 | 0.25527 | 30 | Pass |
| NVNT | ax40<br>52@37<br>MIMO  | 2442 | Ant2 | 23.43 | 0   | 23.43 | 0.22029 | 30 | Pass |
| NVNT | ax40<br>52@37<br>MIMO  | 2442 | Sum  | NaN   | NaN | 26.77 | 0.47556 | 30 | Pass |
| NVNT | ax40<br>52@37<br>MIMO  | 2462 | Ant1 | 23.66 | 0   | 23.66 | 0.23227 | 30 | Pass |
| NVNT | ax40<br>52@37<br>MIMO  | 2462 | Ant2 | 23.76 | 0   | 23.76 | 0.23768 | 30 | Pass |
| NVNT | ax40<br>52@37<br>MIMO  | 2462 | Sum  | NaN   | NaN | 26.72 | 0.46996 | 30 | Pass |
| NVNT | ax40<br>106@53<br>SISO | 2422 | Ant1 | 22.88 | 0   | 22.88 | 0.19409 | 30 | Pass |
| NVNT | ax40<br>106@53<br>SISO | 2442 | Ant1 | 23.75 | 0   | 23.75 | 0.23714 | 30 | Pass |
| NVNT | ax40<br>106@53<br>SISO | 2462 | Ant1 | 23.13 | 0   | 23.13 | 0.20559 | 30 | Pass |
| NVNT | ax40<br>106@53<br>SISO | 2422 | Ant2 | 22.48 | 0   | 22.48 | 0.17701 | 30 | Pass |
| NVNT | ax40<br>106@53<br>SISO | 2442 | Ant2 | 22.51 | 0   | 22.51 | 0.17824 | 30 | Pass |
| NVNT | ax40<br>106@53<br>SISO | 2462 | Ant2 | 23.18 | 0   | 23.18 | 0.20797 | 30 | Pass |

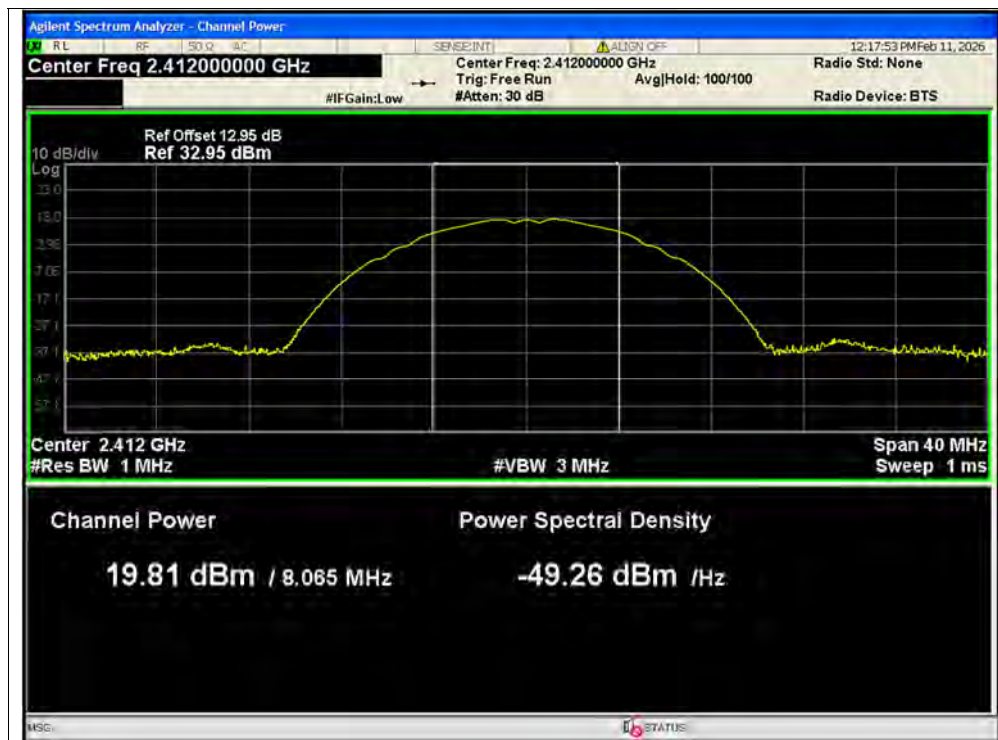


REPORT No.: SZ25120367W03

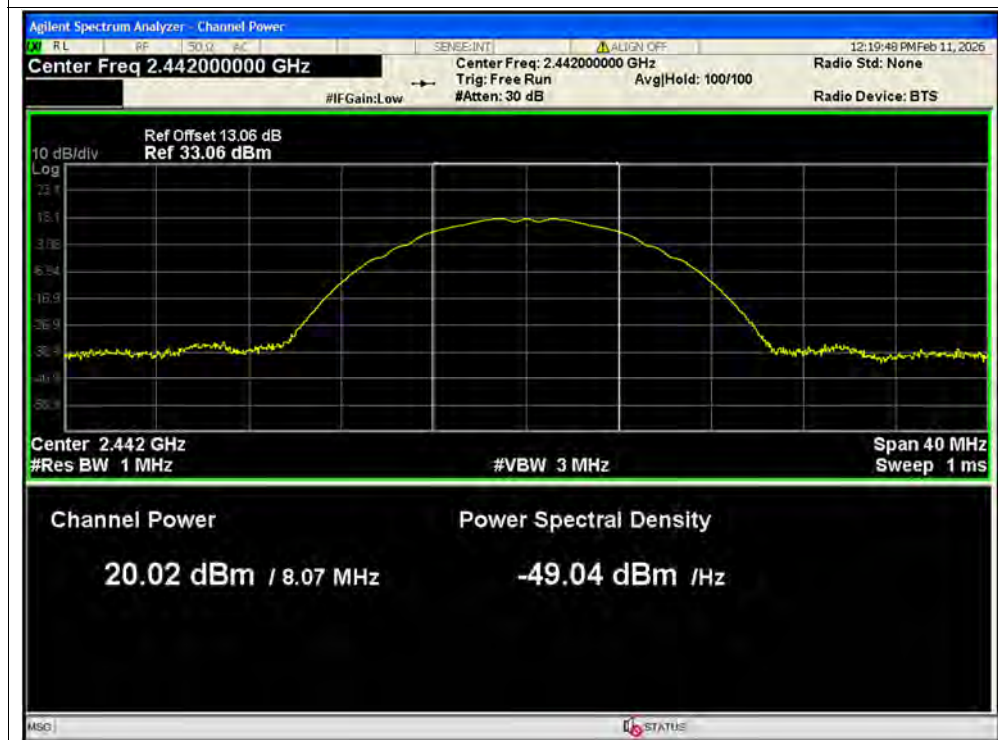
|      |                        |      |      |       |     |       |         |    |      |
|------|------------------------|------|------|-------|-----|-------|---------|----|------|
| NVNT | ax40<br>106@53<br>MIMO | 2422 | Ant1 | 23.31 | 0   | 23.31 | 0.21429 | 30 | Pass |
| NVNT | ax40<br>106@53<br>MIMO | 2422 | Ant2 | 22.62 | 0   | 22.62 | 0.18281 | 30 | Pass |
| NVNT | ax40<br>106@53<br>MIMO | 2422 | Sum  | NaN   | NaN | 25.99 | 0.3971  | 30 | Pass |
| NVNT | ax40<br>106@53<br>MIMO | 2442 | Ant1 | 23.58 | 0   | 23.58 | 0.22803 | 30 | Pass |
| NVNT | ax40<br>106@53<br>MIMO | 2442 | Ant2 | 22.61 | 0   | 22.61 | 0.18239 | 30 | Pass |
| NVNT | ax40<br>106@53<br>MIMO | 2442 | Sum  | NaN   | NaN | 26.13 | 0.41042 | 30 | Pass |
| NVNT | ax40<br>106@53<br>MIMO | 2462 | Ant1 | 23.22 | 0   | 23.22 | 0.20989 | 30 | Pass |
| NVNT | ax40<br>106@53<br>MIMO | 2462 | Ant2 | 23.36 | 0   | 23.36 | 0.21677 | 30 | Pass |
| NVNT | ax40<br>106@53<br>MIMO | 2462 | Sum  | NaN   | NaN | 26.3  | 0.42666 | 30 | Pass |
| NVNT | ax40<br>242@61<br>SISO | 2422 | Ant1 | 20.79 | 0   | 20.79 | 0.11995 | 30 | Pass |
| NVNT | ax40<br>242@61<br>SISO | 2442 | Ant1 | 21.07 | 0   | 21.07 | 0.12794 | 30 | Pass |
| NVNT | ax40<br>242@61<br>SISO | 2462 | Ant1 | 20.51 | 0   | 20.51 | 0.11246 | 30 | Pass |
| NVNT | ax40<br>242@61<br>SISO | 2422 | Ant2 | 20.75 | 0   | 20.75 | 0.11885 | 30 | Pass |



|      |                        |      |      |       |     |       |         |    |      |
|------|------------------------|------|------|-------|-----|-------|---------|----|------|
| NVNT | ax40<br>242@61<br>SISO | 2442 | Ant2 | 20.66 | 0   | 20.66 | 0.11641 | 30 | Pass |
| NVNT | ax40<br>242@61<br>SISO | 2462 | Ant2 | 20.43 | 0   | 20.43 | 0.11041 | 30 | Pass |
| NVNT | ax40<br>242@61<br>MIMO | 2422 | Ant1 | 19.52 | 0   | 19.52 | 0.08954 | 30 | Pass |
| NVNT | ax40<br>242@61<br>MIMO | 2422 | Ant2 | 19.52 | 0   | 19.52 | 0.08954 | 30 | Pass |
| NVNT | ax40<br>242@61<br>MIMO | 2422 | Sum  | NaN   | NaN | 22.53 | 0.17907 | 30 | Pass |
| NVNT | ax40<br>242@61<br>MIMO | 2442 | Ant1 | 20.1  | 0   | 20.1  | 0.10233 | 30 | Pass |
| NVNT | ax40<br>242@61<br>MIMO | 2442 | Ant2 | 20.53 | 0   | 20.53 | 0.11298 | 30 | Pass |
| NVNT | ax40<br>242@61<br>MIMO | 2442 | Sum  | NaN   | NaN | 23.33 | 0.21531 | 30 | Pass |
| NVNT | ax40<br>242@61<br>MIMO | 2462 | Ant1 | 20.37 | 0   | 20.37 | 0.10889 | 30 | Pass |
| NVNT | ax40<br>242@61<br>MIMO | 2462 | Ant2 | 22.07 | 0   | 22.07 | 0.16106 | 30 | Pass |
| NVNT | ax40<br>242@61<br>MIMO | 2462 | Sum  | NaN   | NaN | 24.31 | 0.26996 | 30 | Pass |



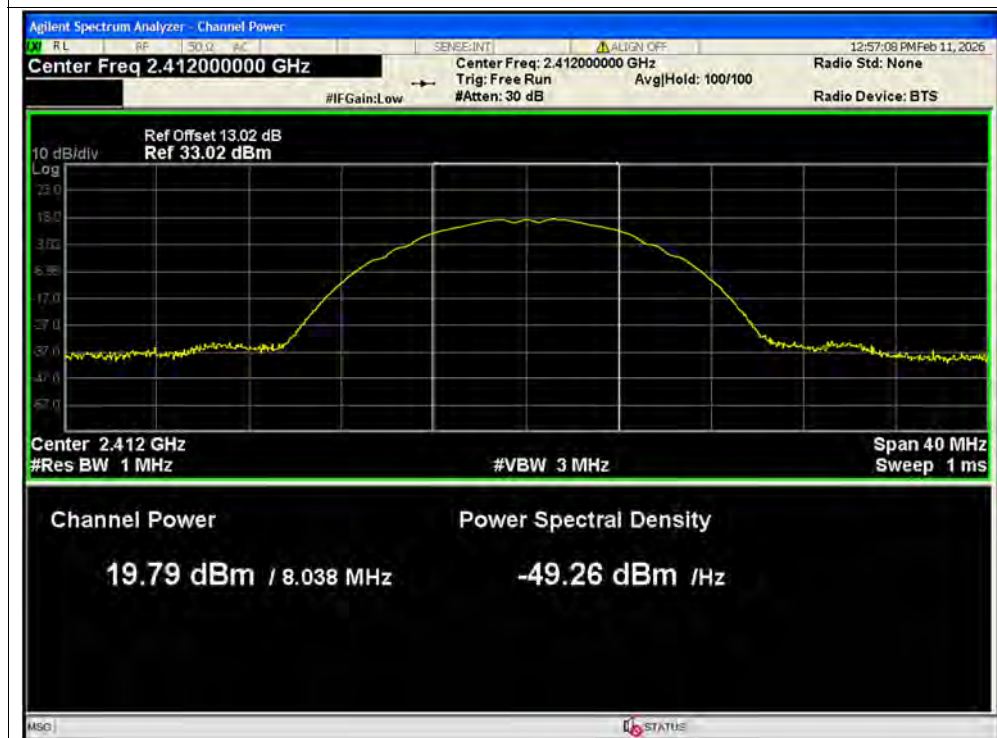
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Peak Power NVNT b 2442MHz Ant1 SISO



Peak Power NVNT b 2472MHz Ant1 SISO



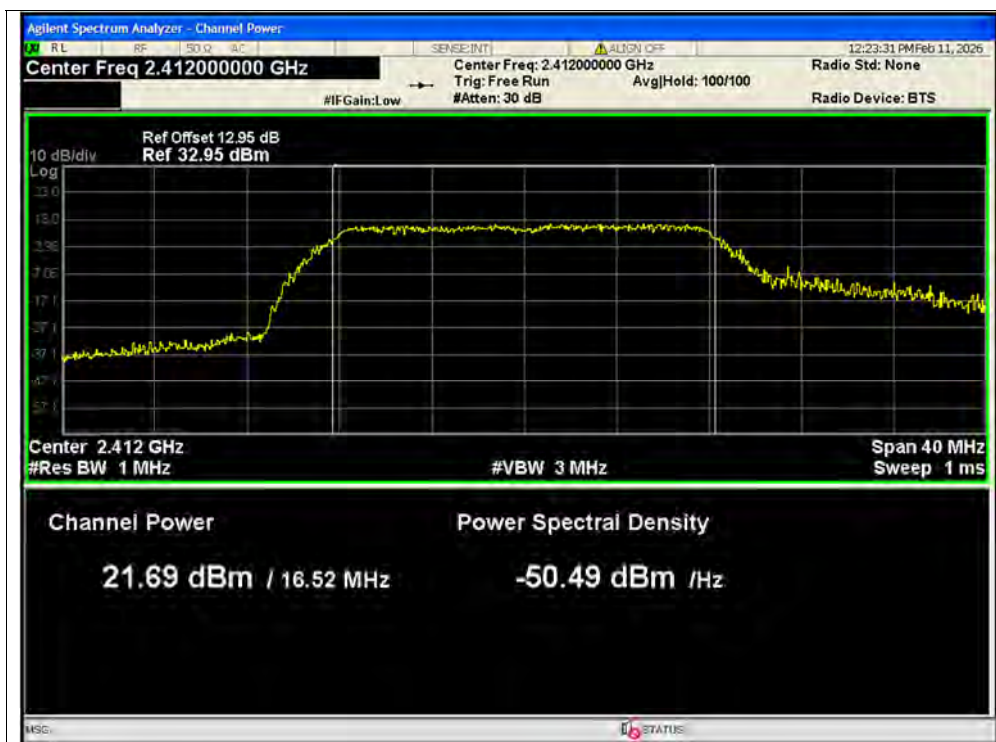
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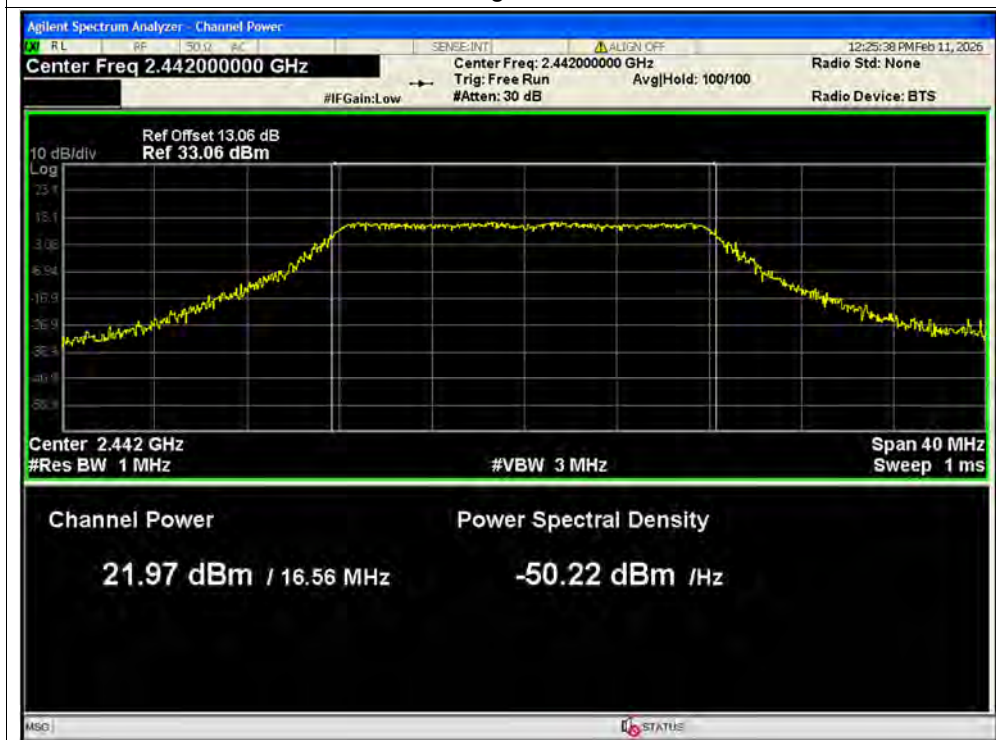
Peak Power NVNT b 2442MHz Ant2 SISO



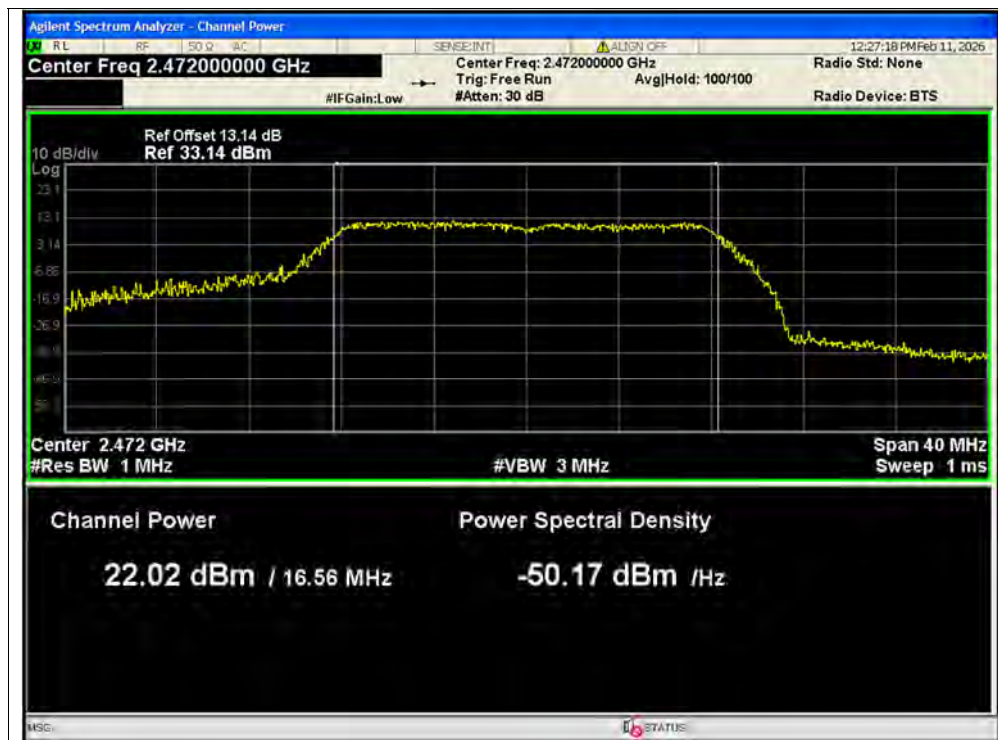
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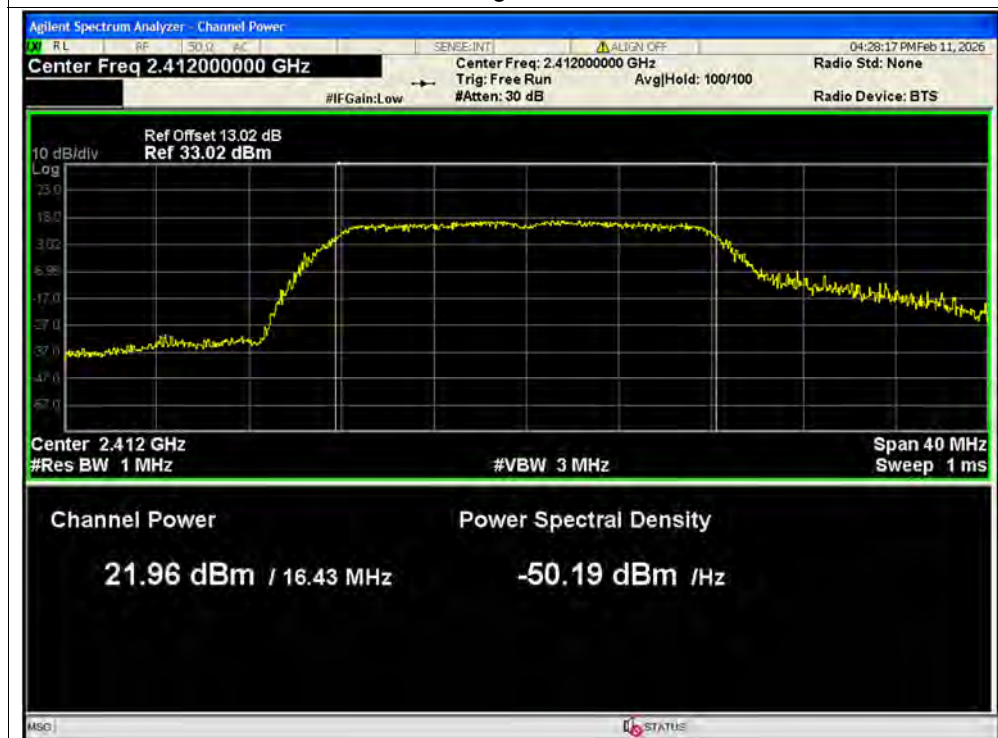
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Peak Power NVNT g 2442MHz Ant1 SISO



Peak Power NVNT g 2472MHz Ant1 SISO



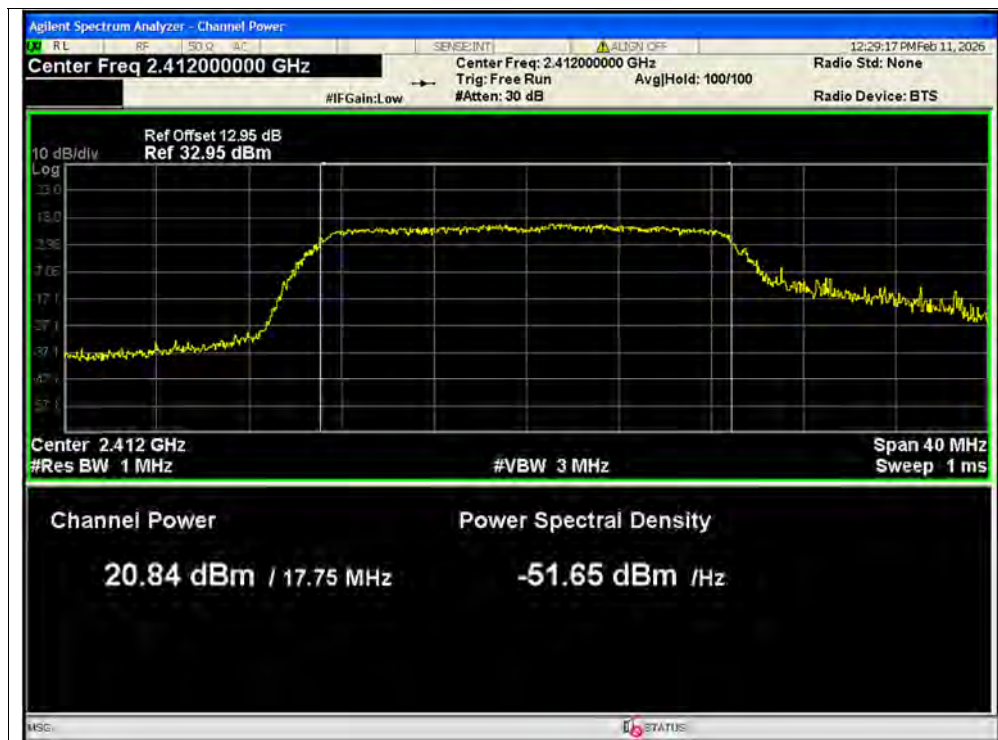
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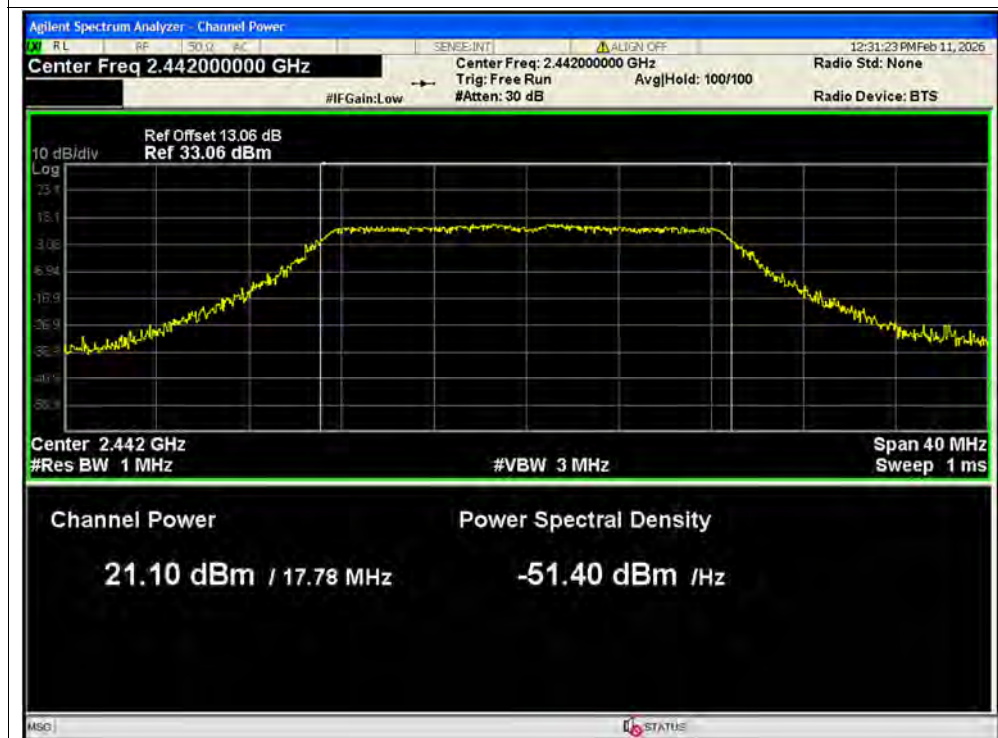
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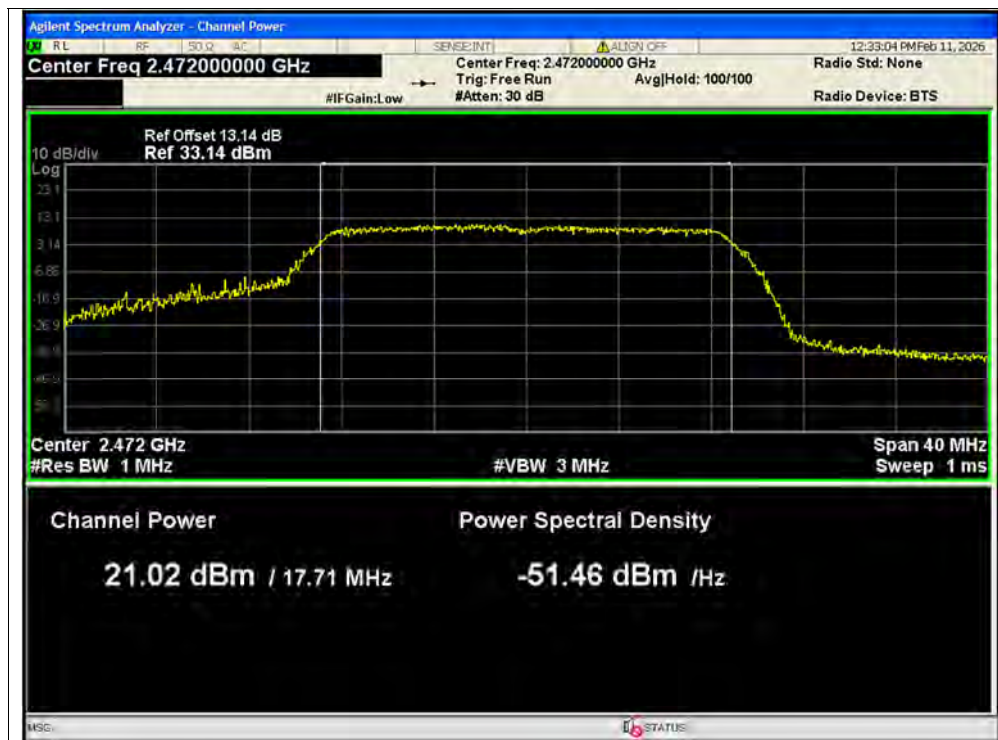
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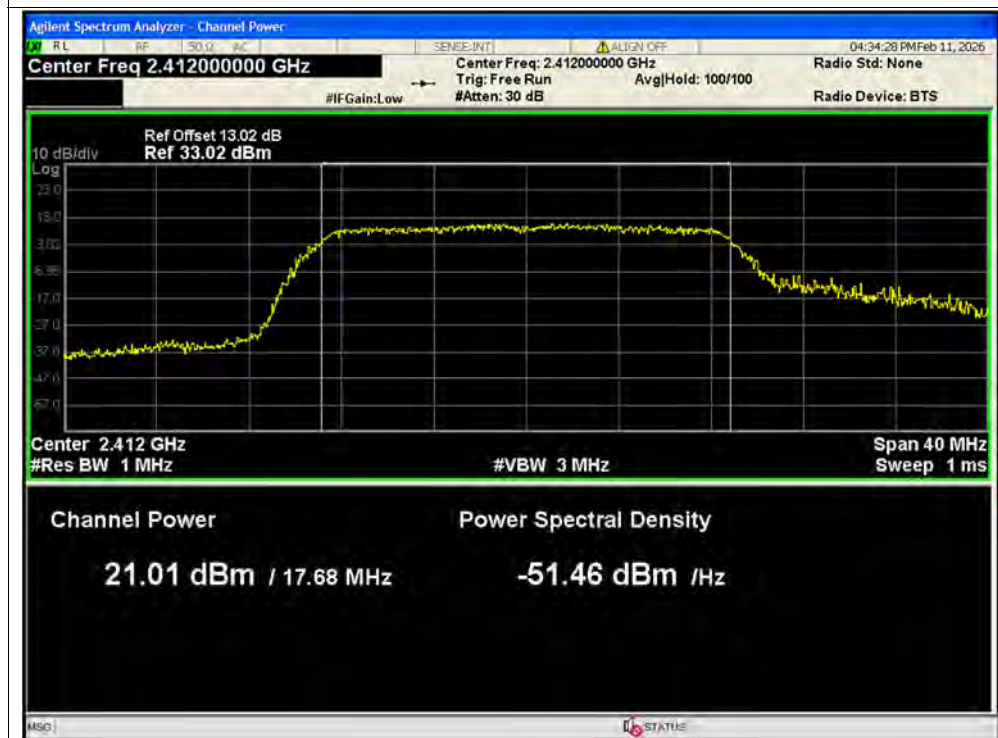
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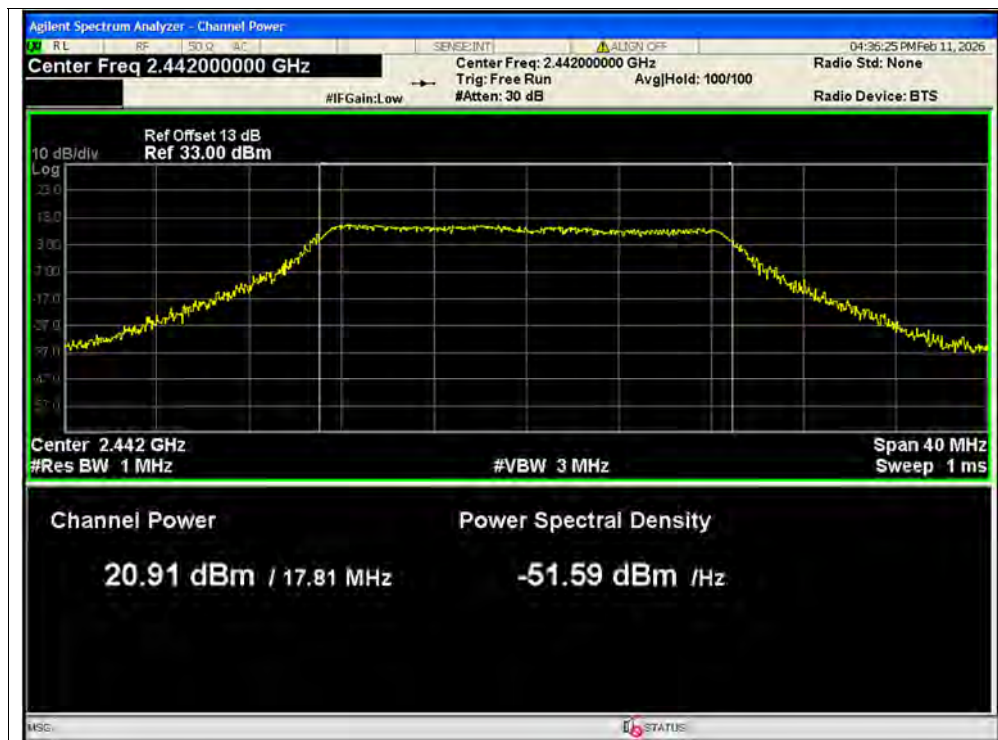
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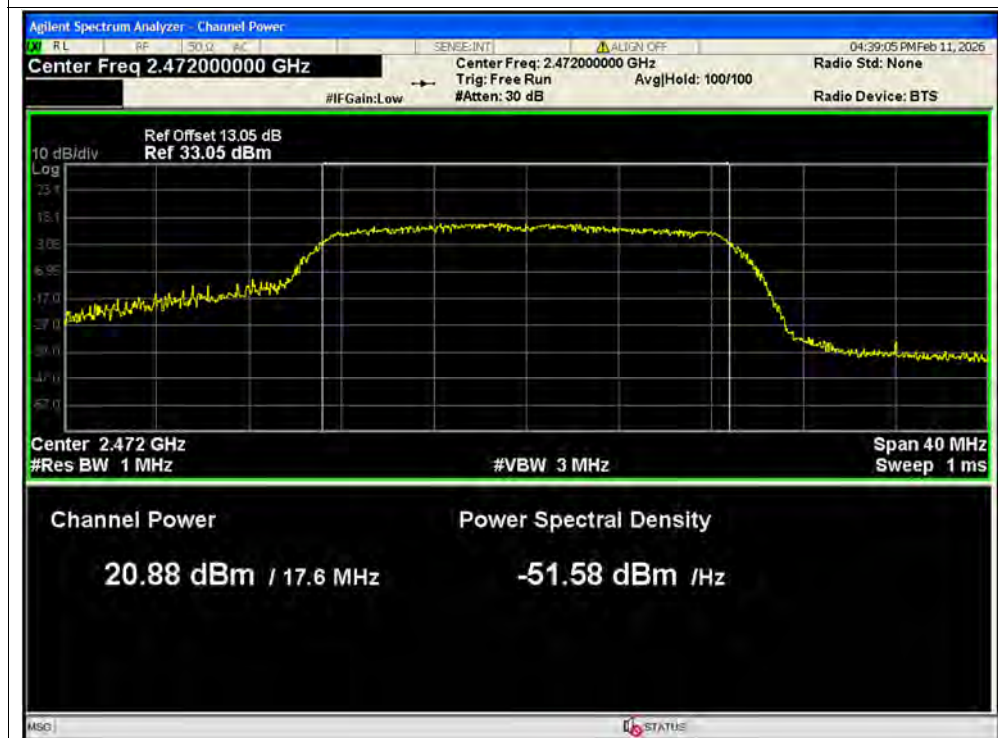
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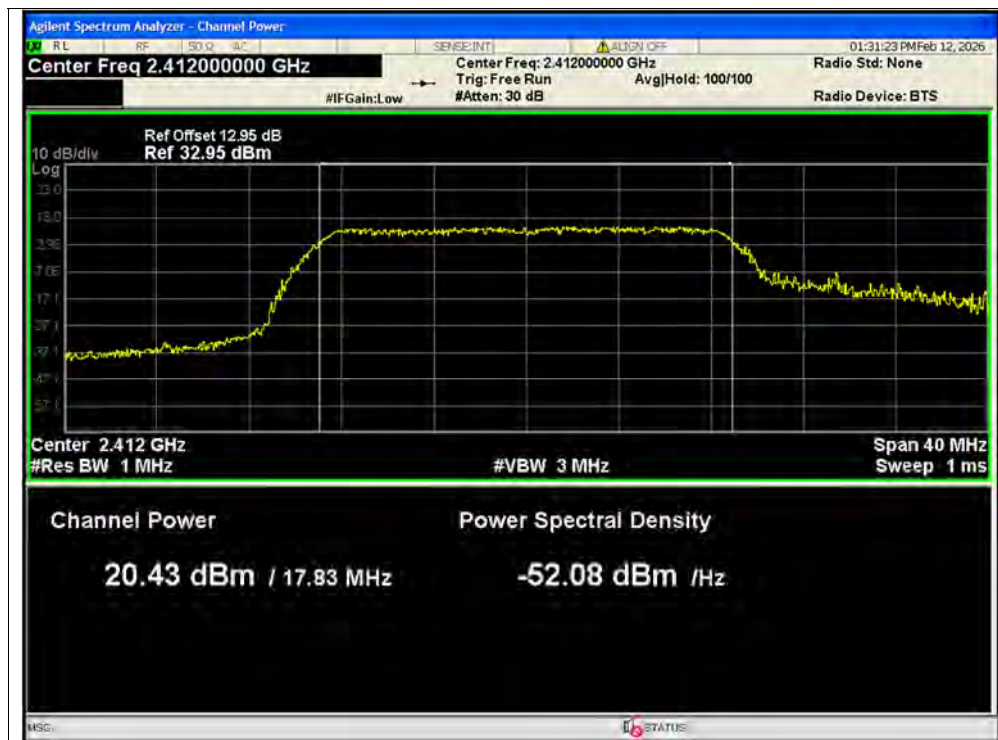
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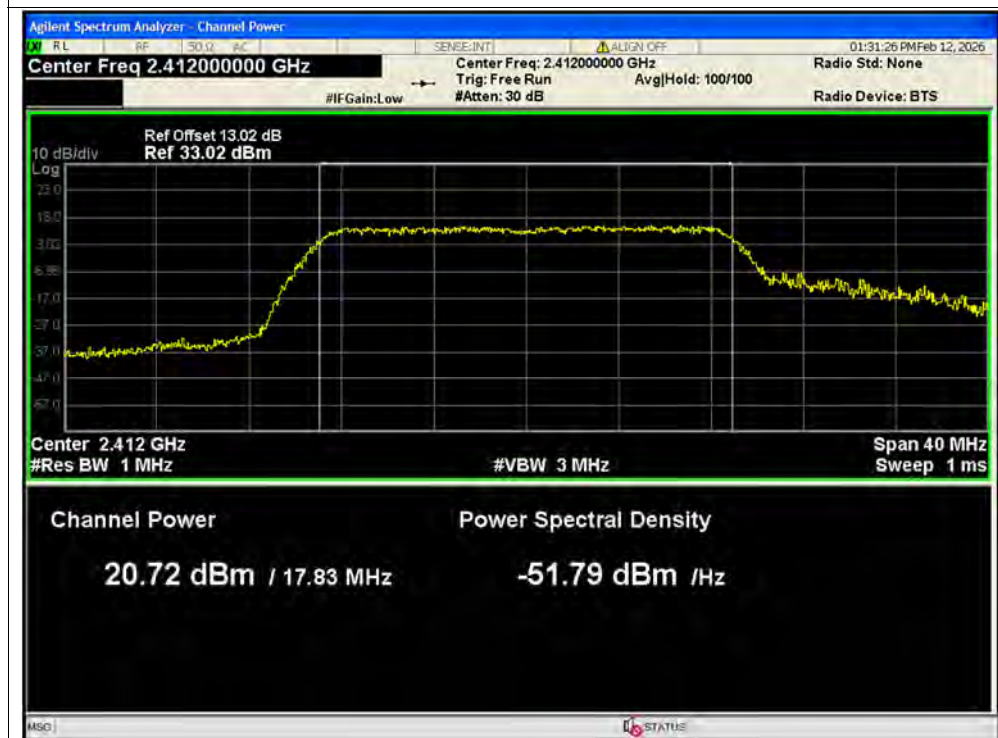
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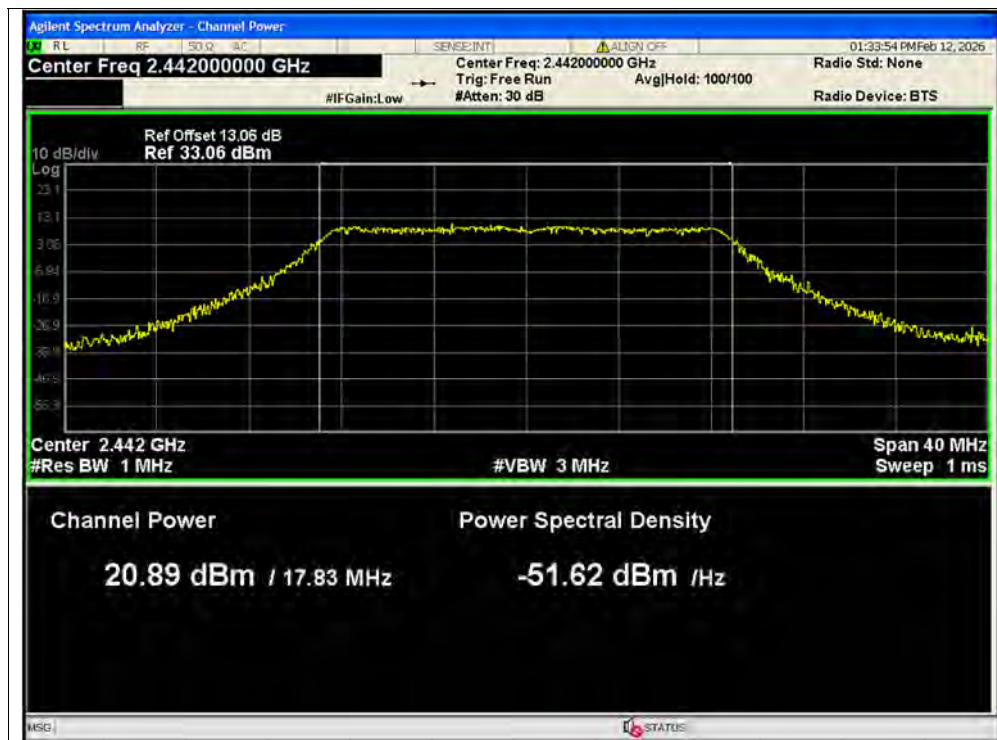
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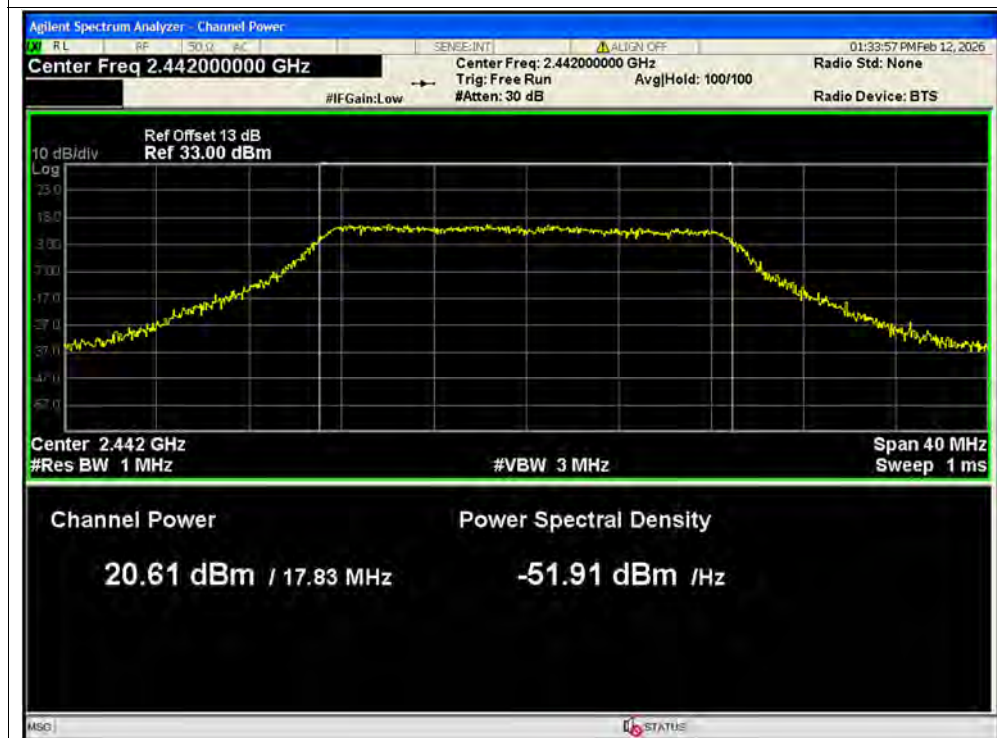
Peak Power NVNT n20 2412MHz Ant1 MIMO



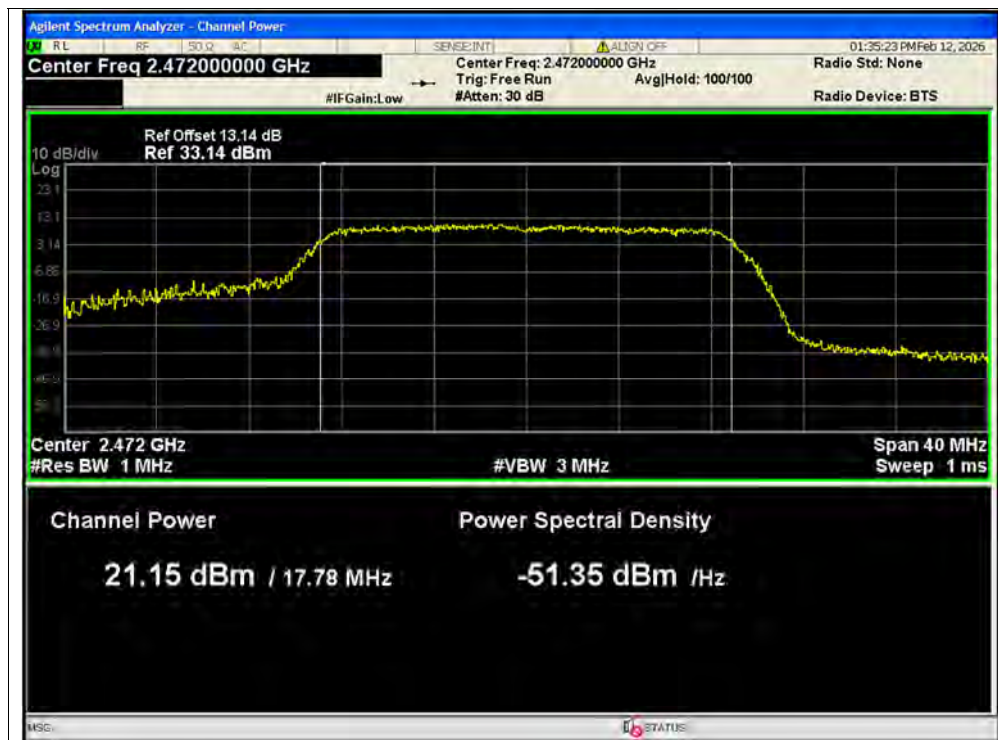
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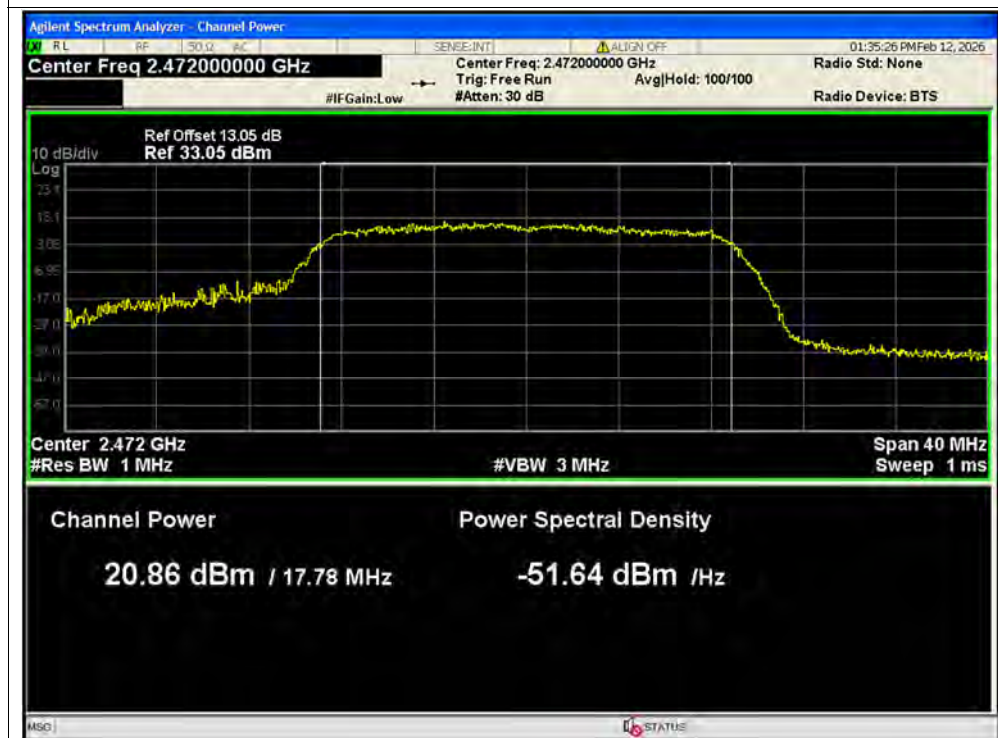
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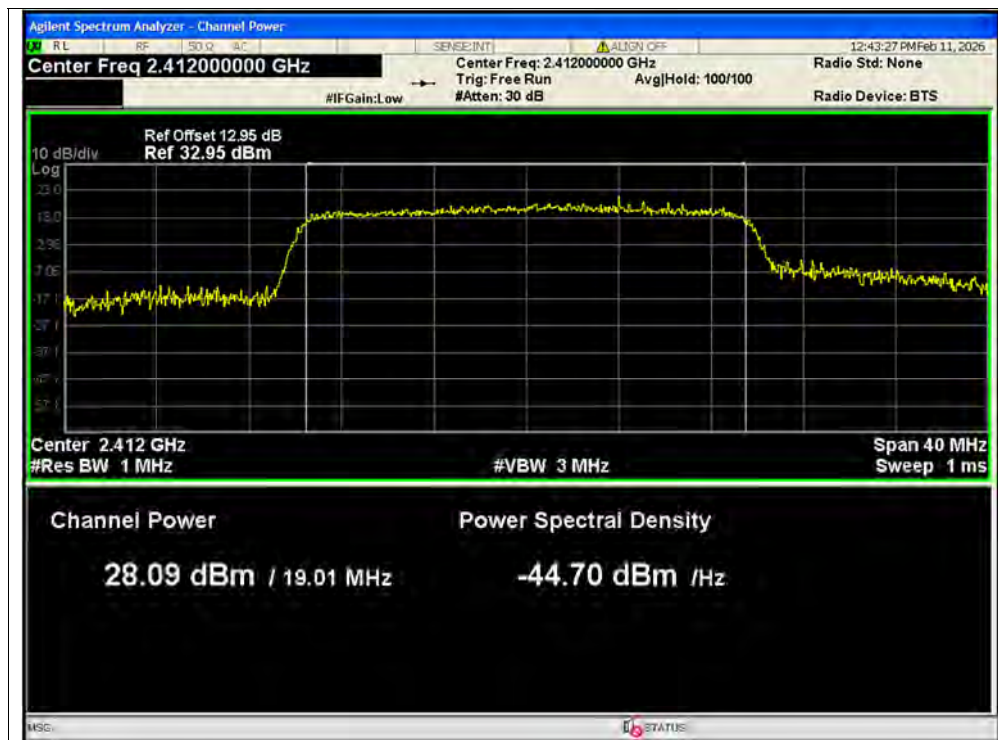
Peak Power NVNT n20 2442MHz Ant2 MIMO



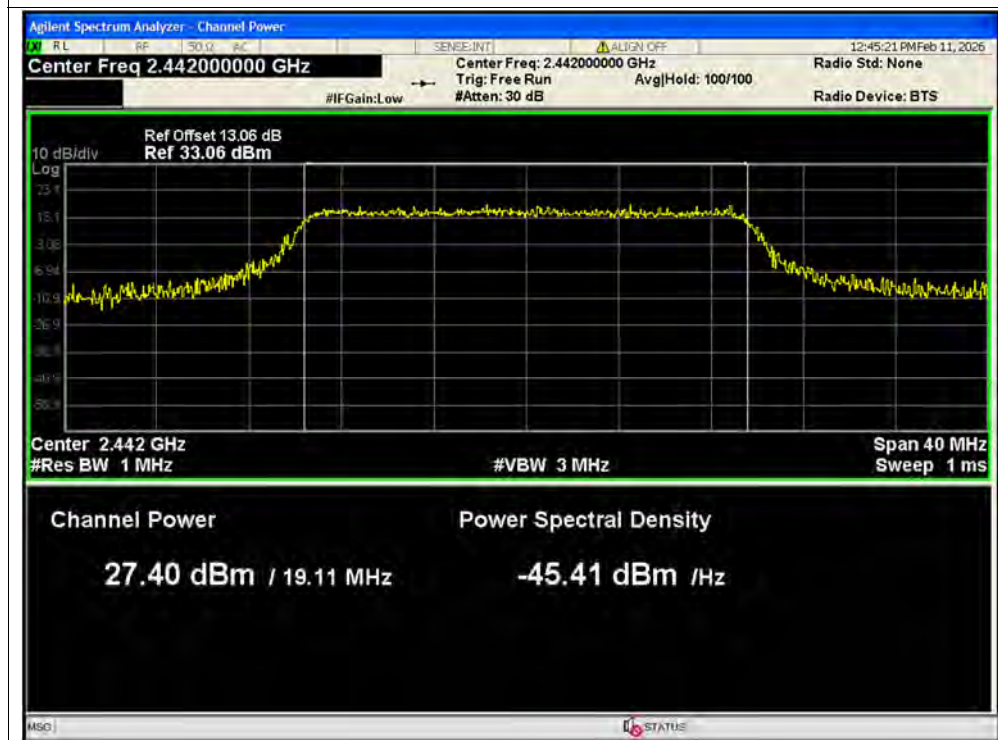
Peak Power NVNT n20 2472MHz Ant1 MIMO



Peak Power NVNT n20 2472MHz Ant2 MIMO



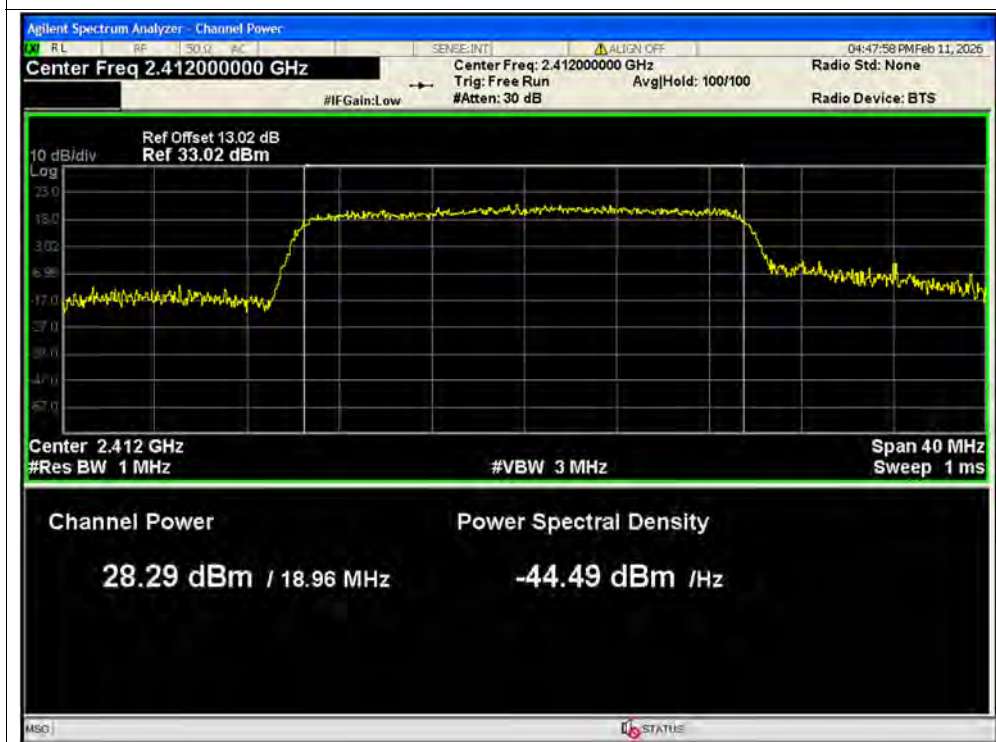
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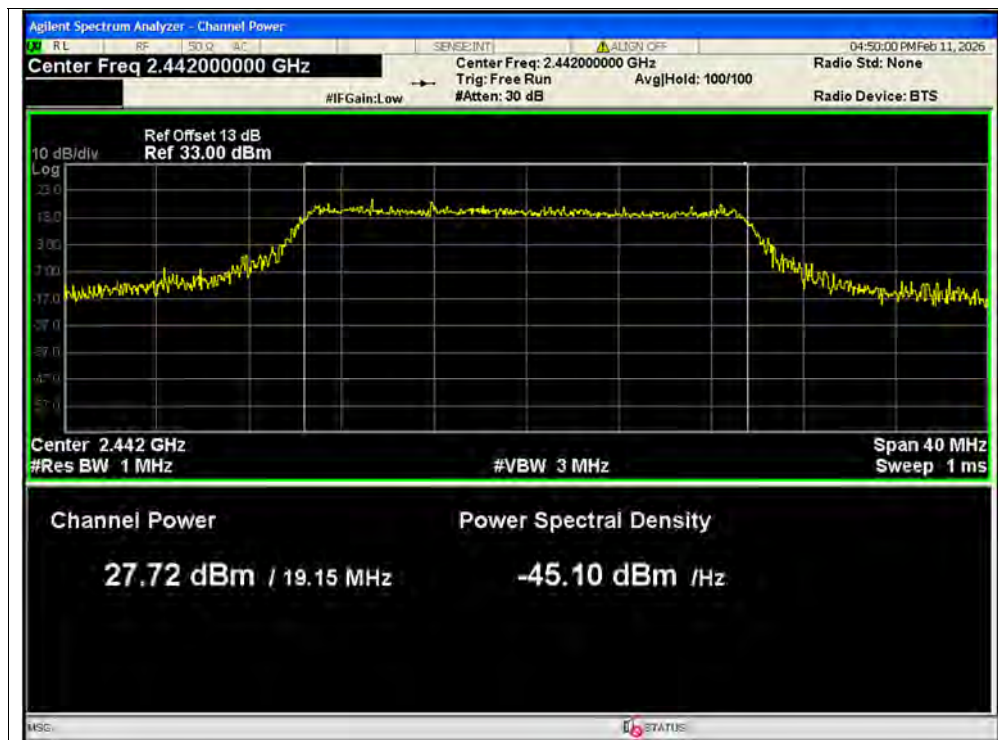
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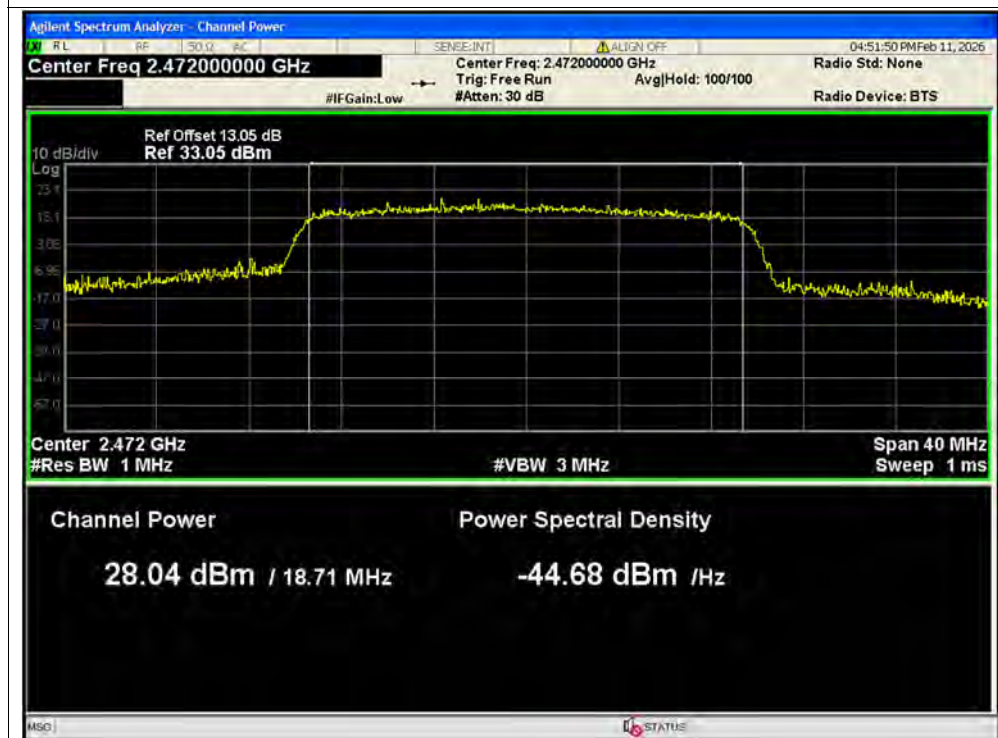
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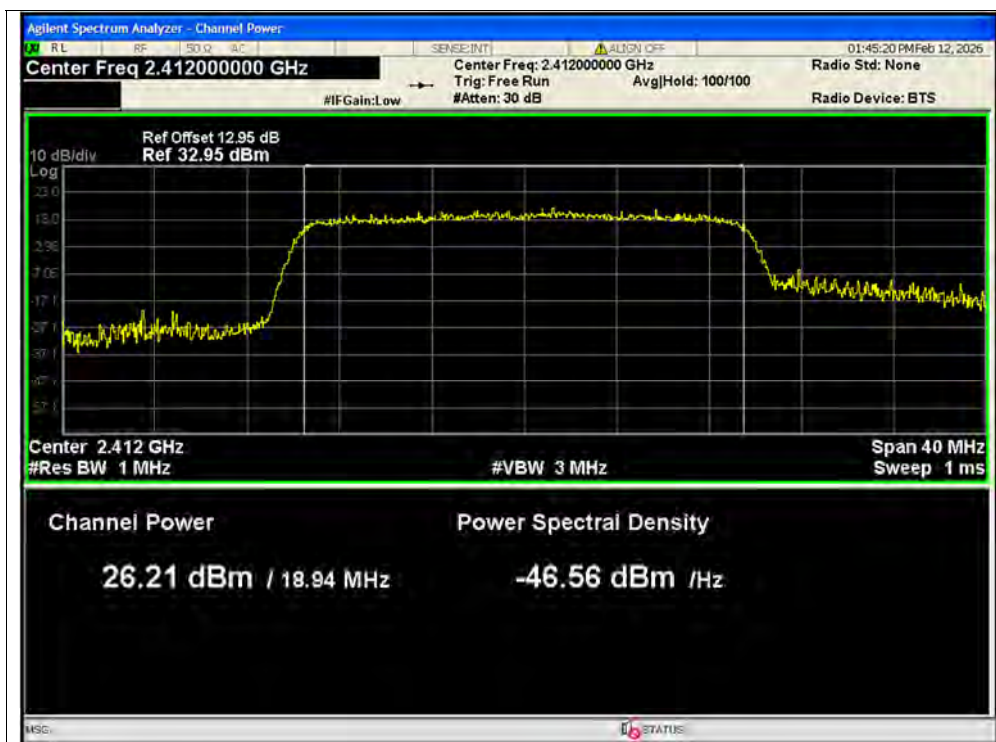
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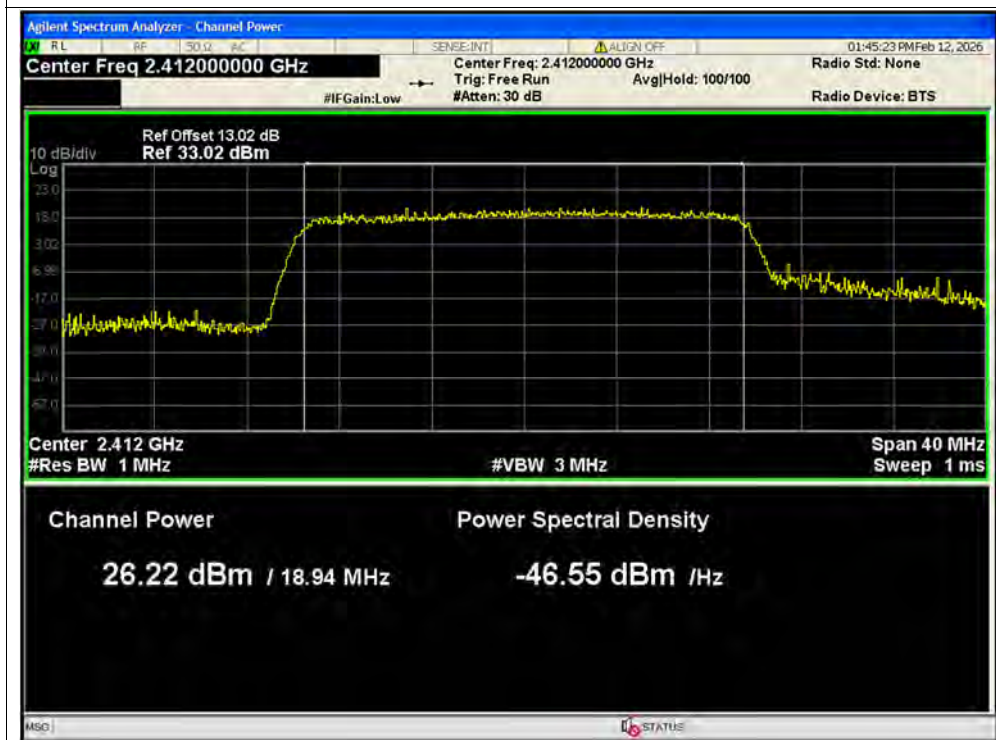
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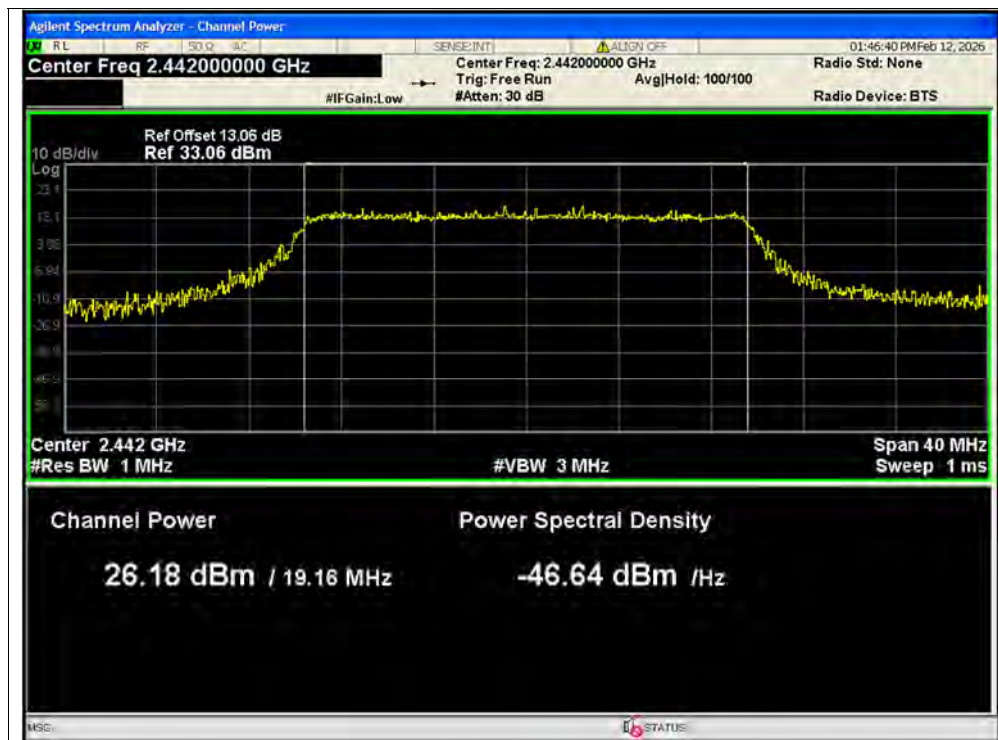
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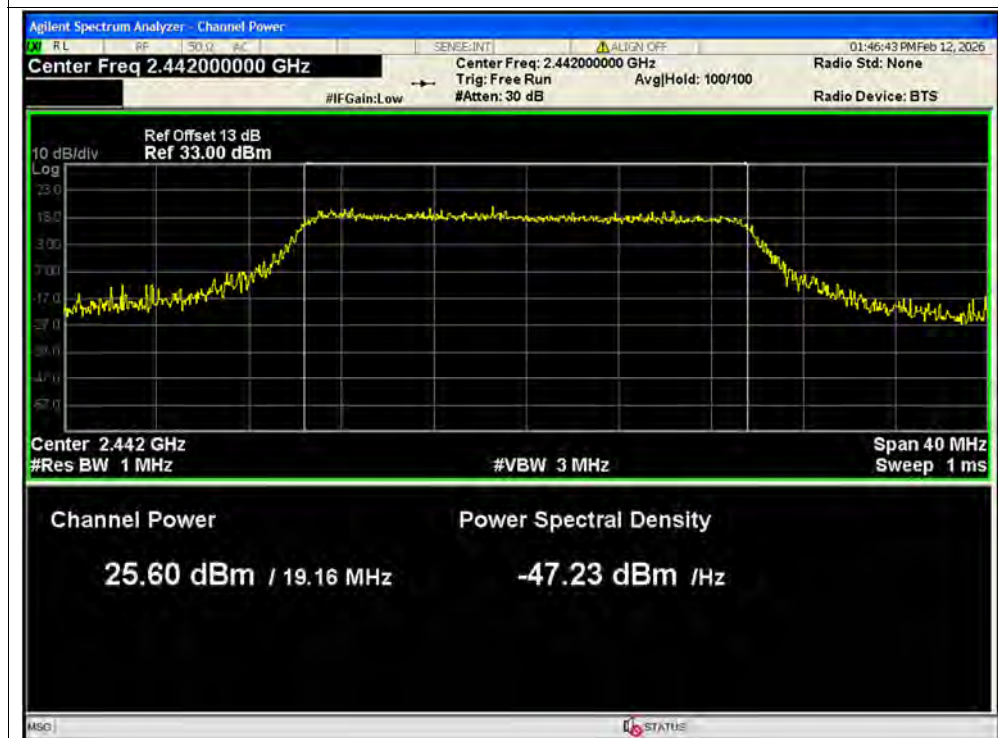
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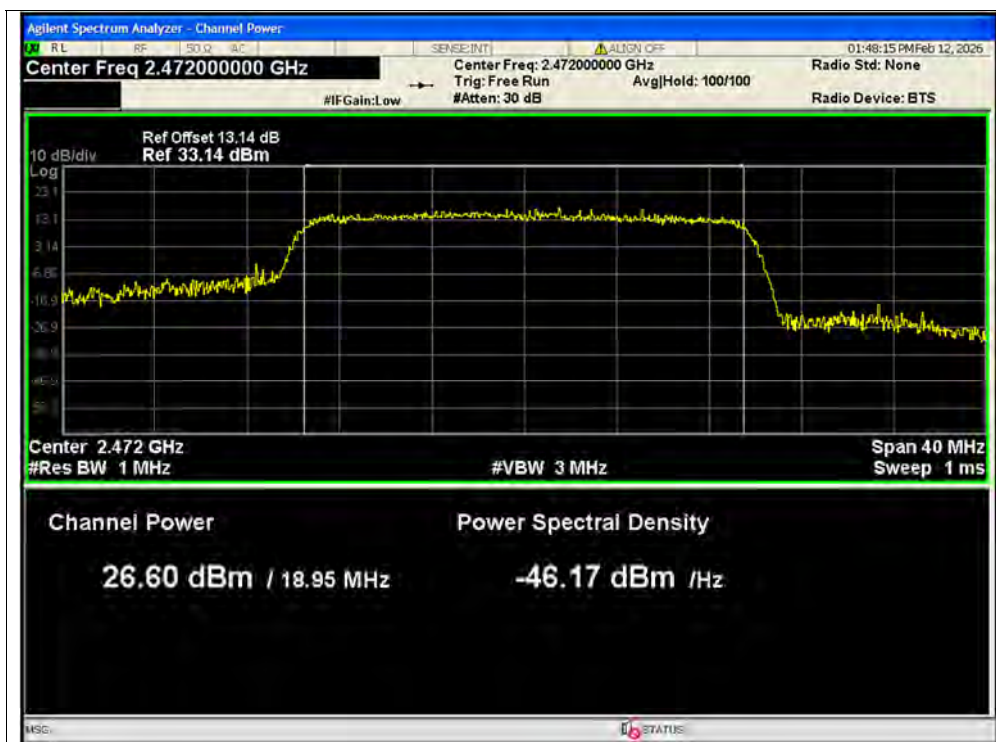
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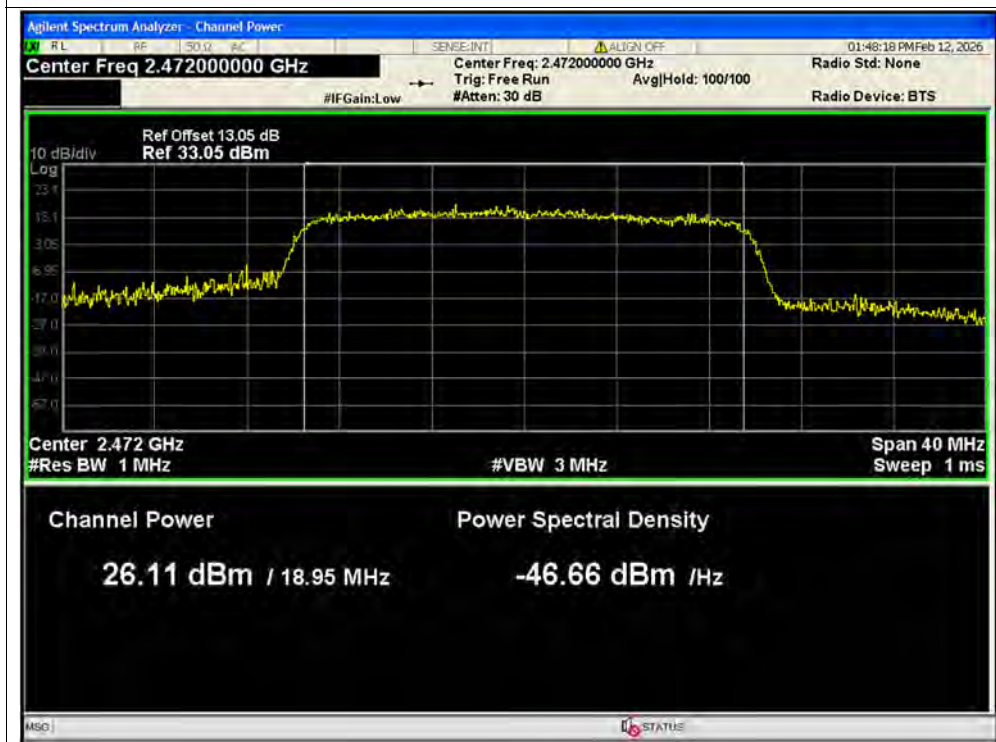
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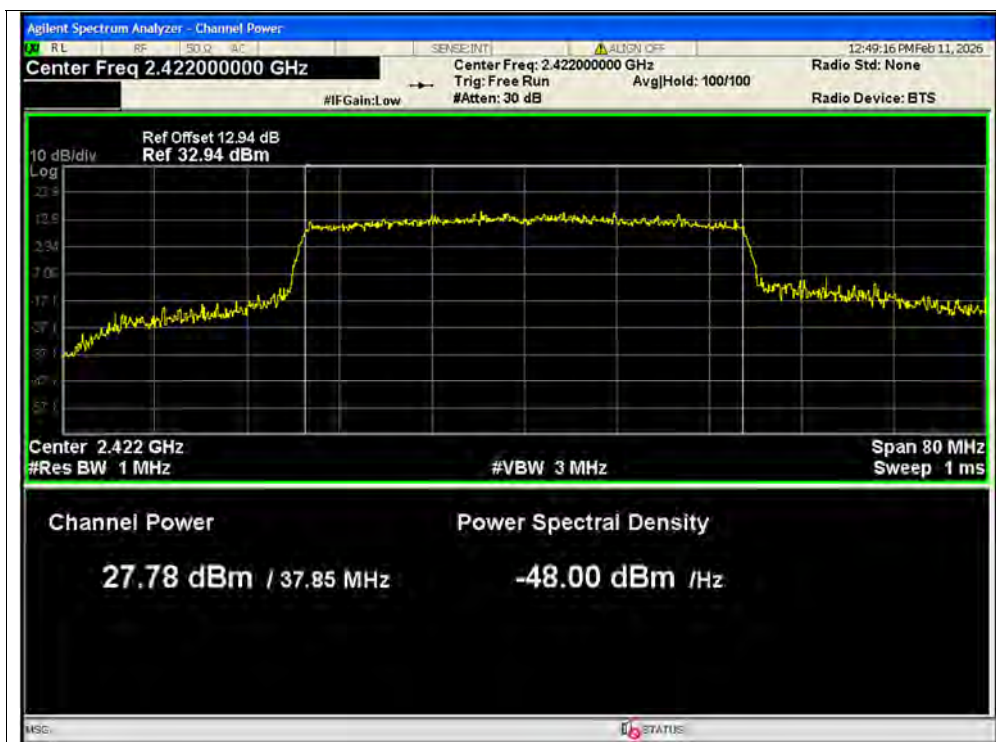
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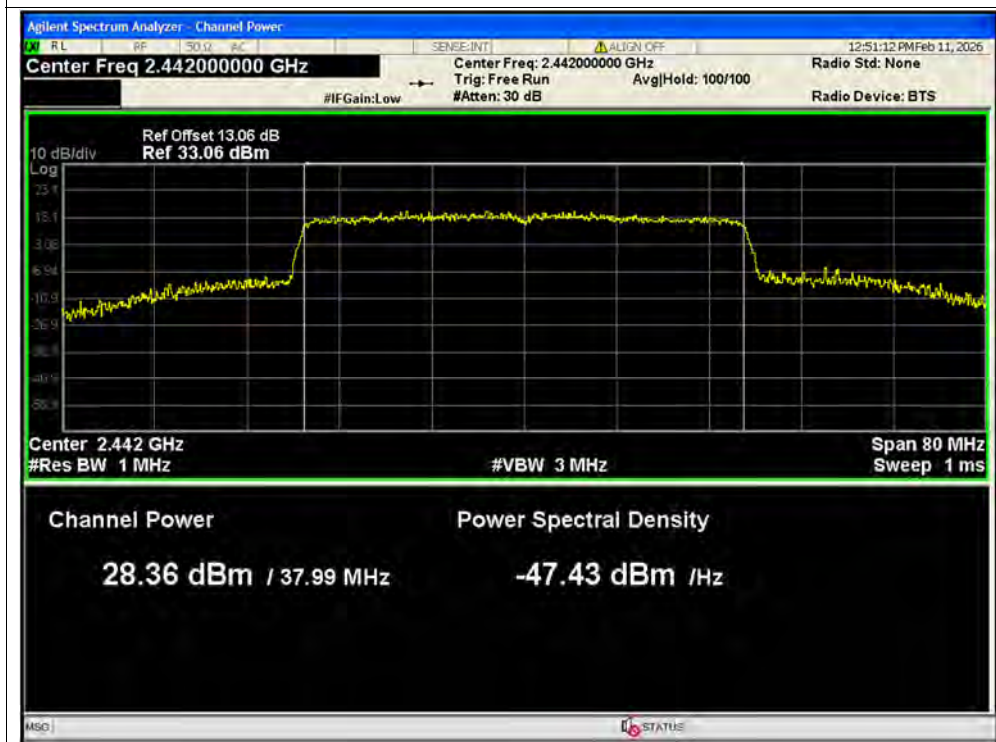
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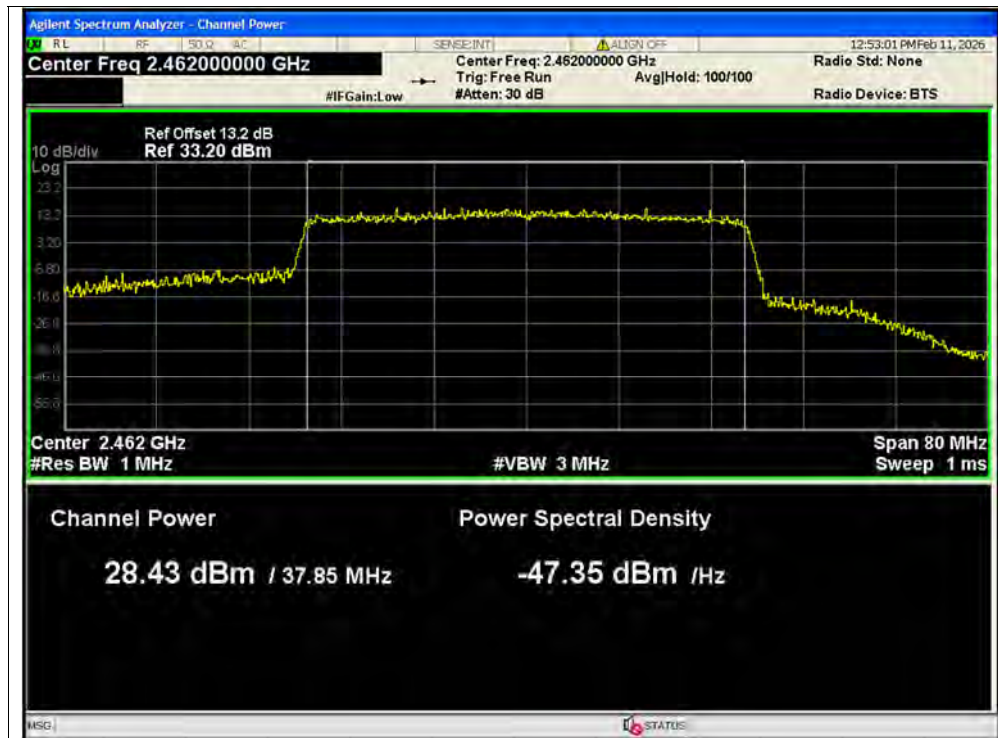
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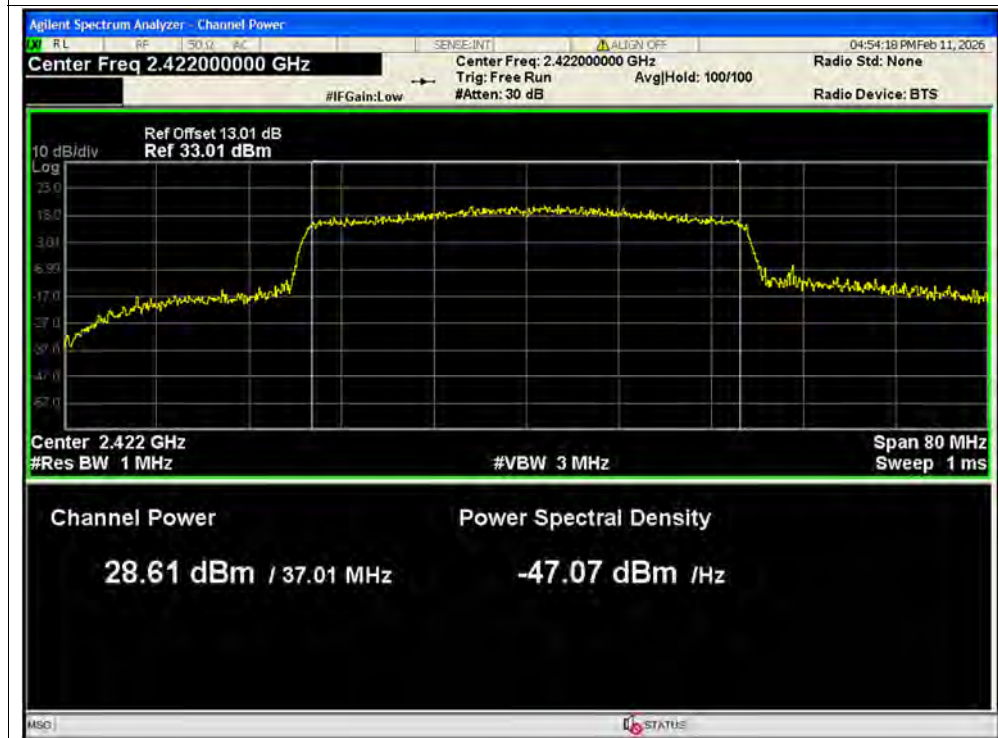
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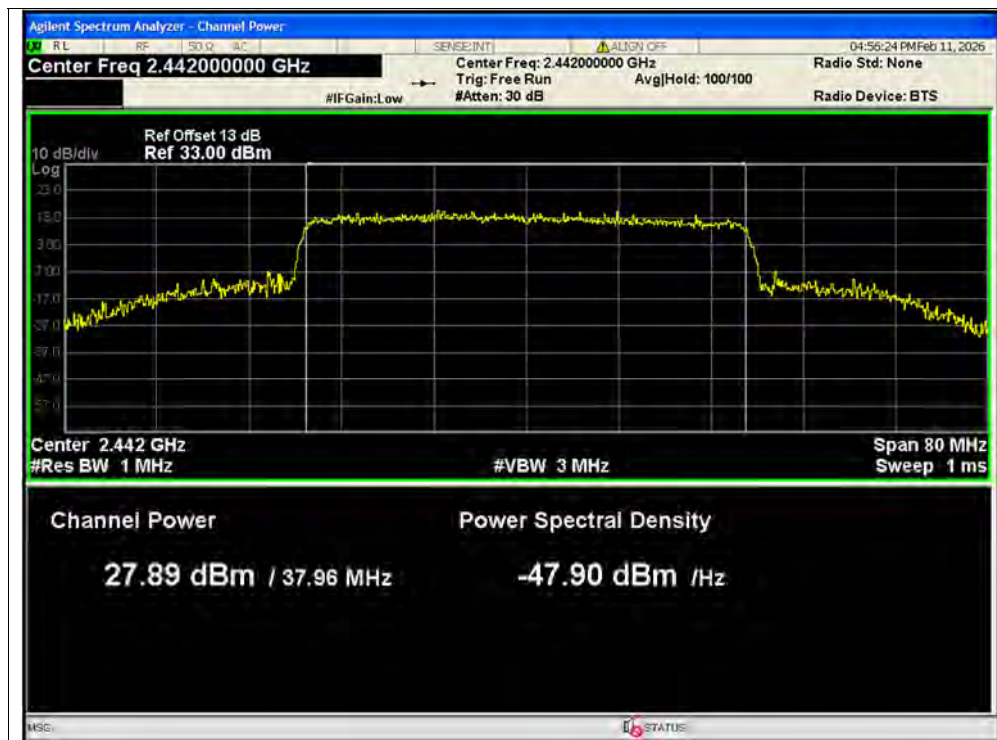
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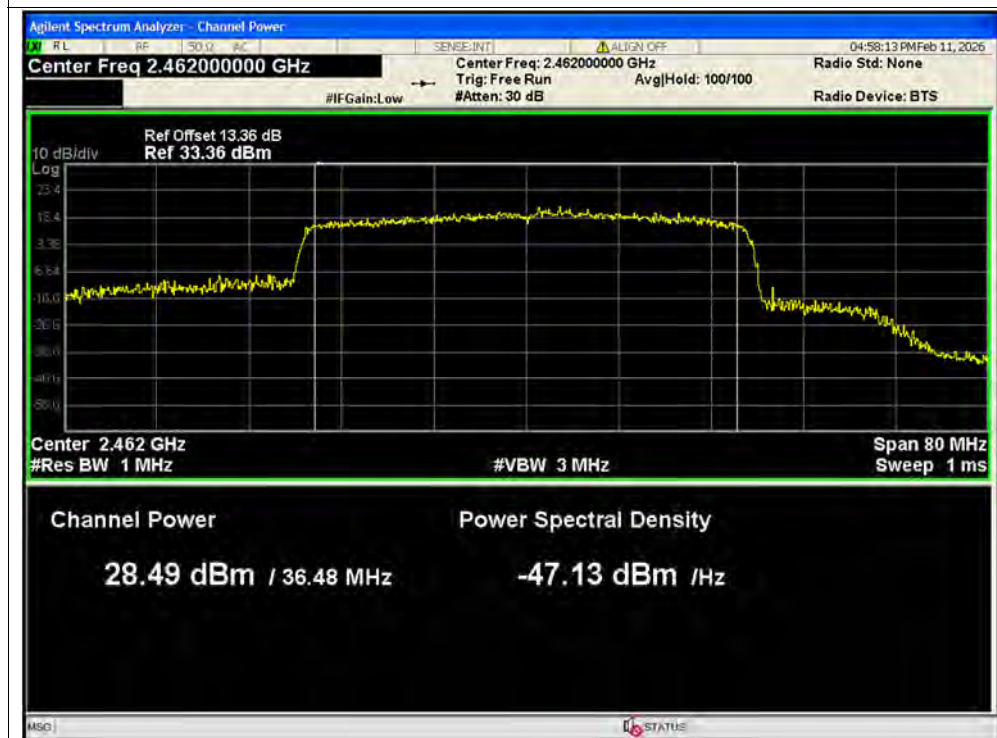
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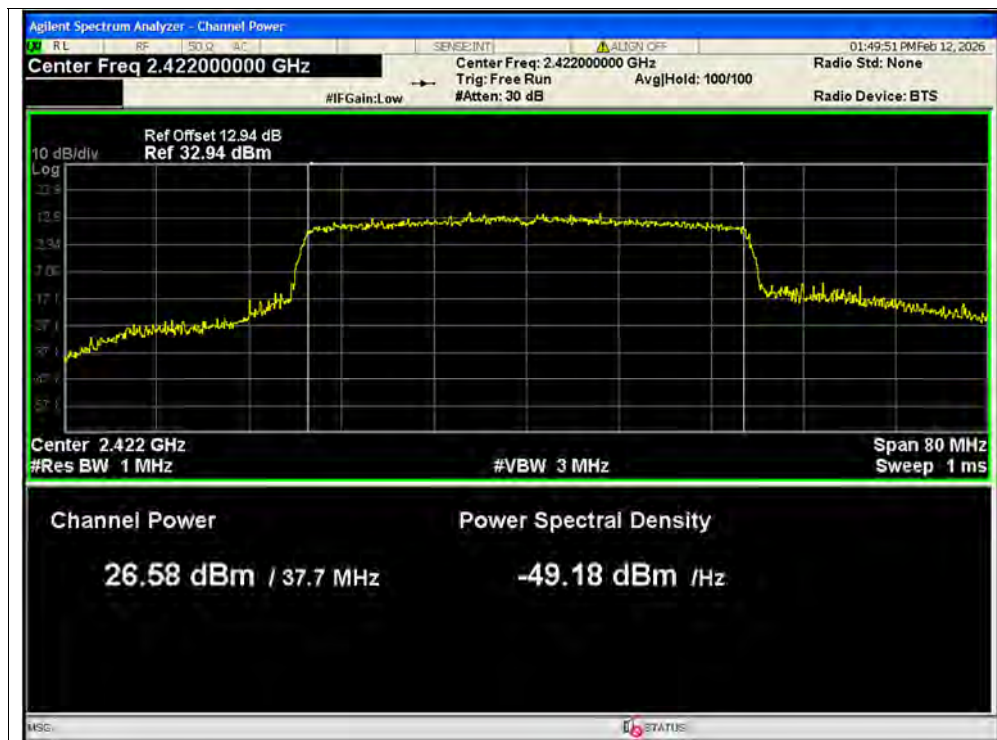
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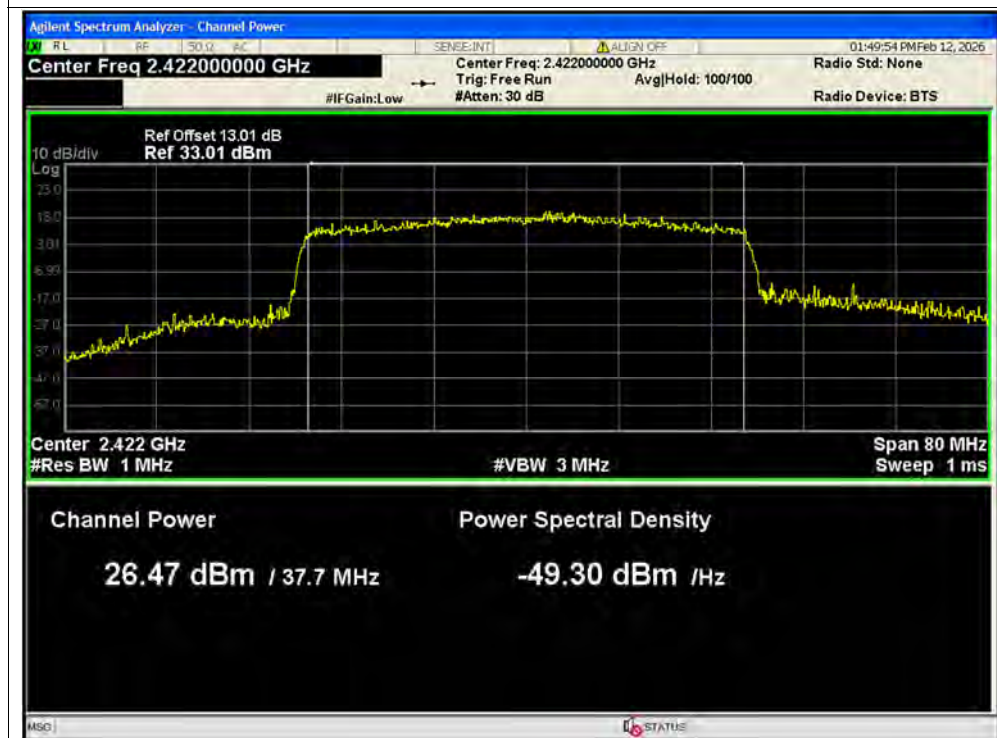
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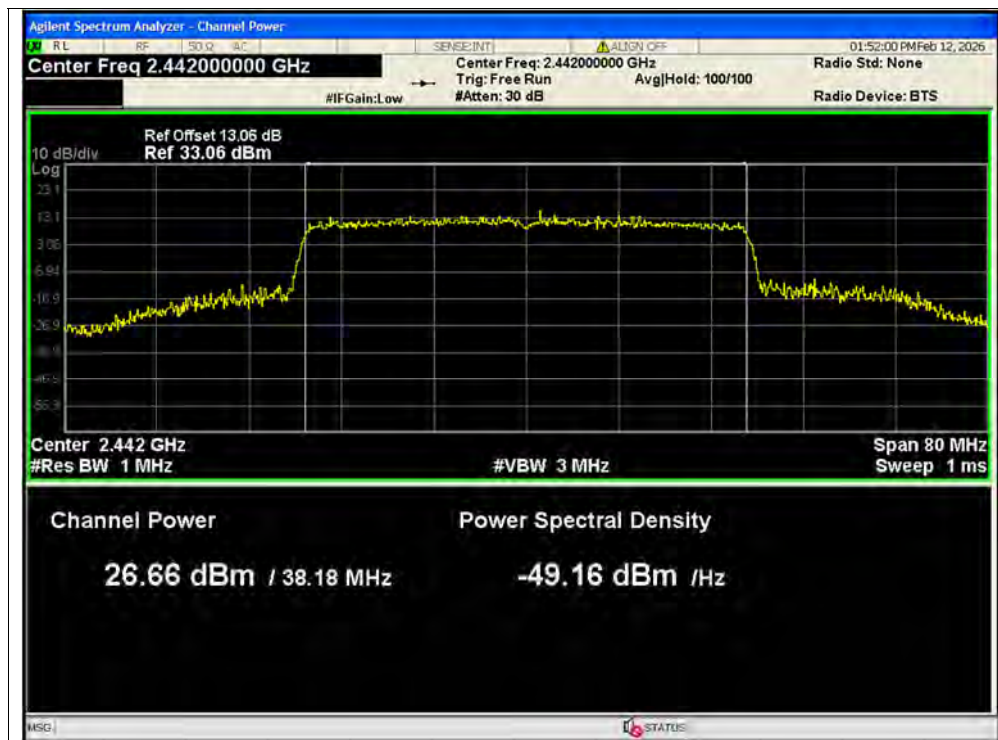
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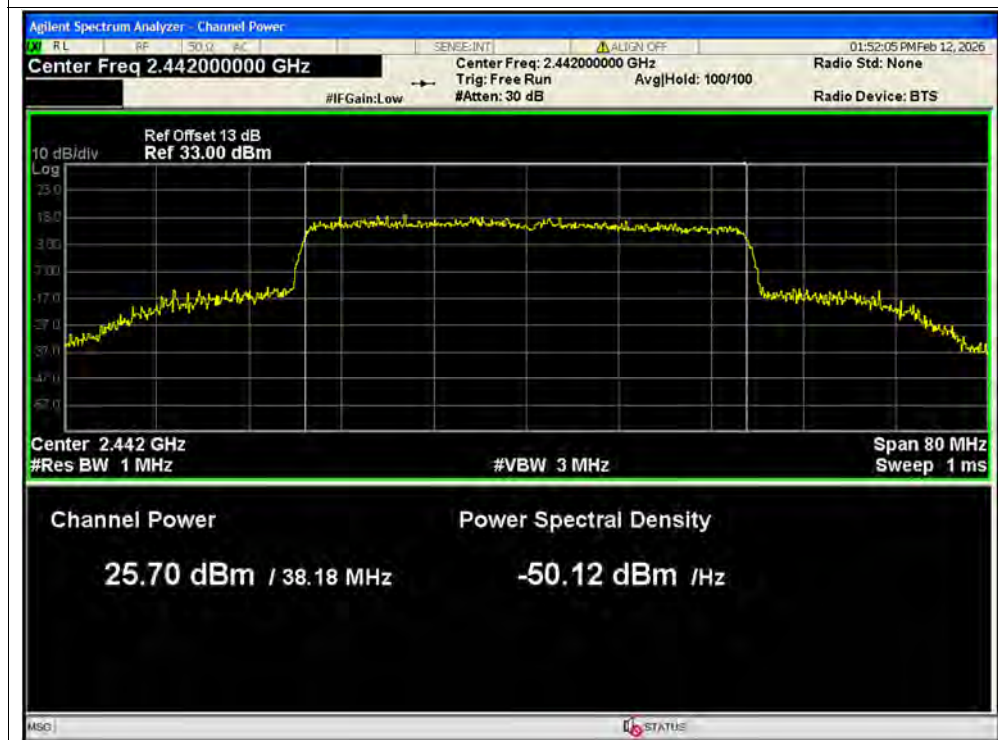
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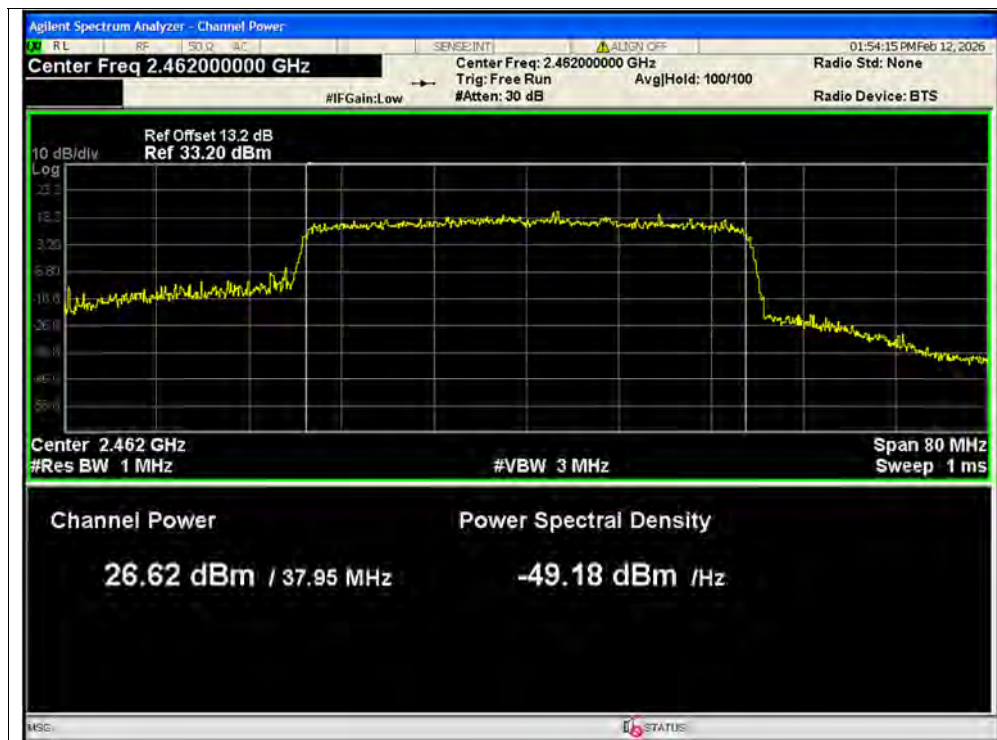
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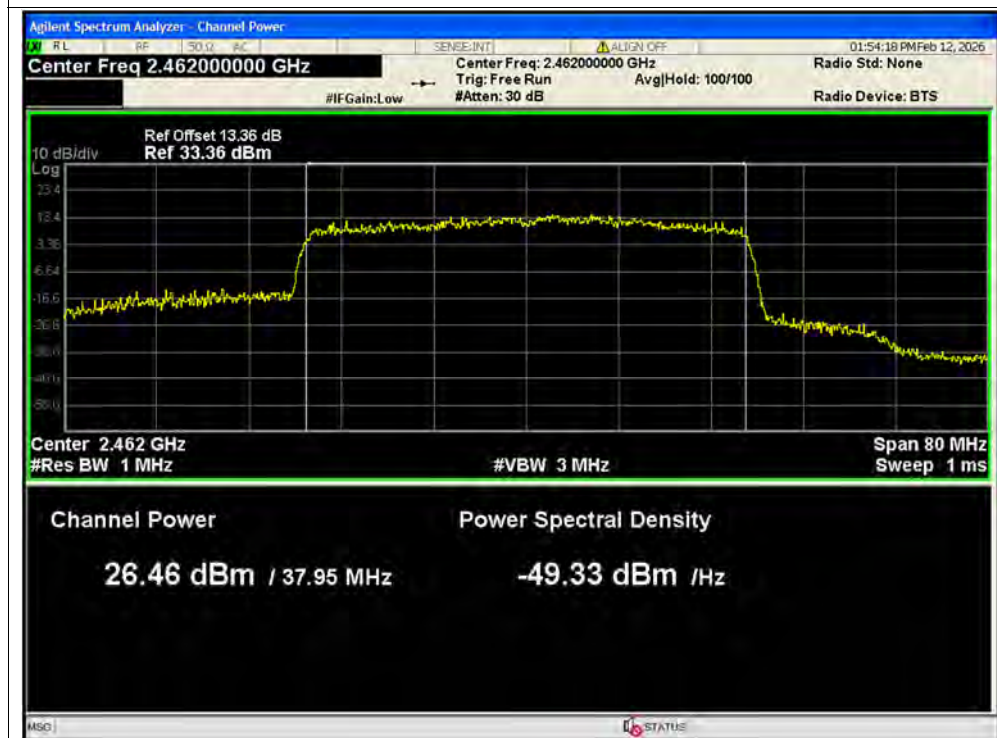
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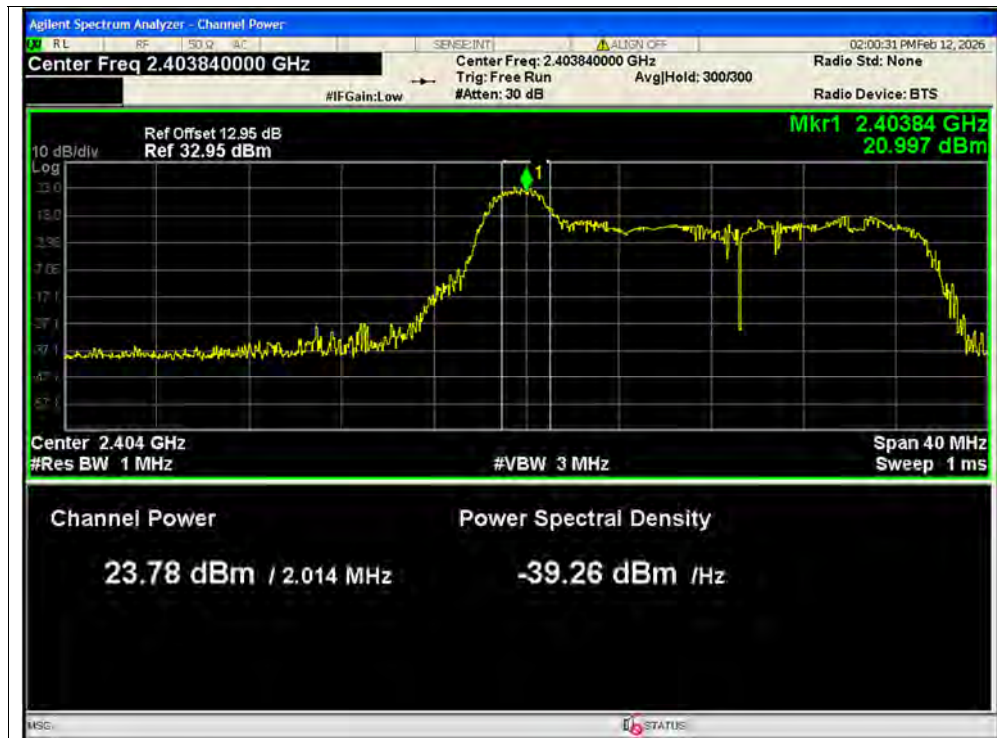
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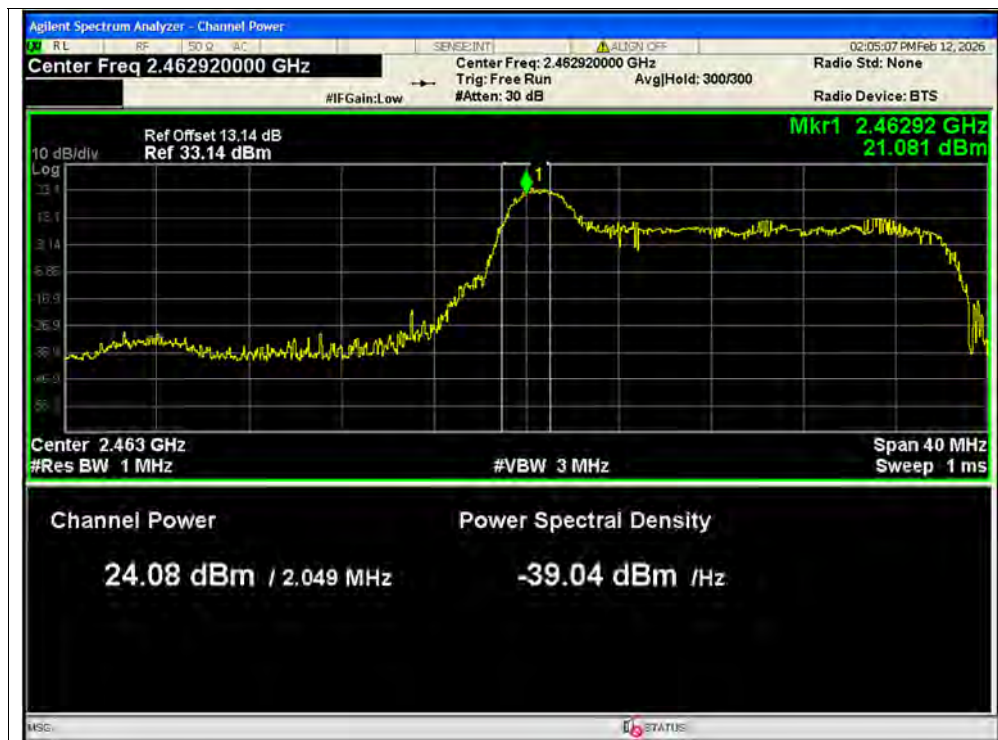
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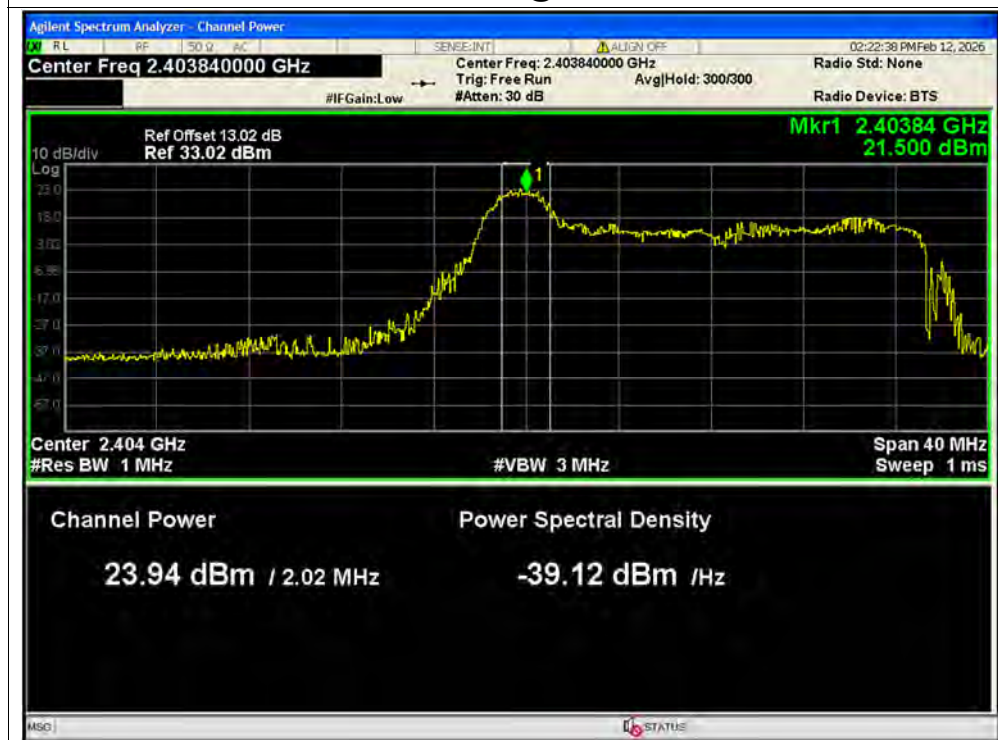
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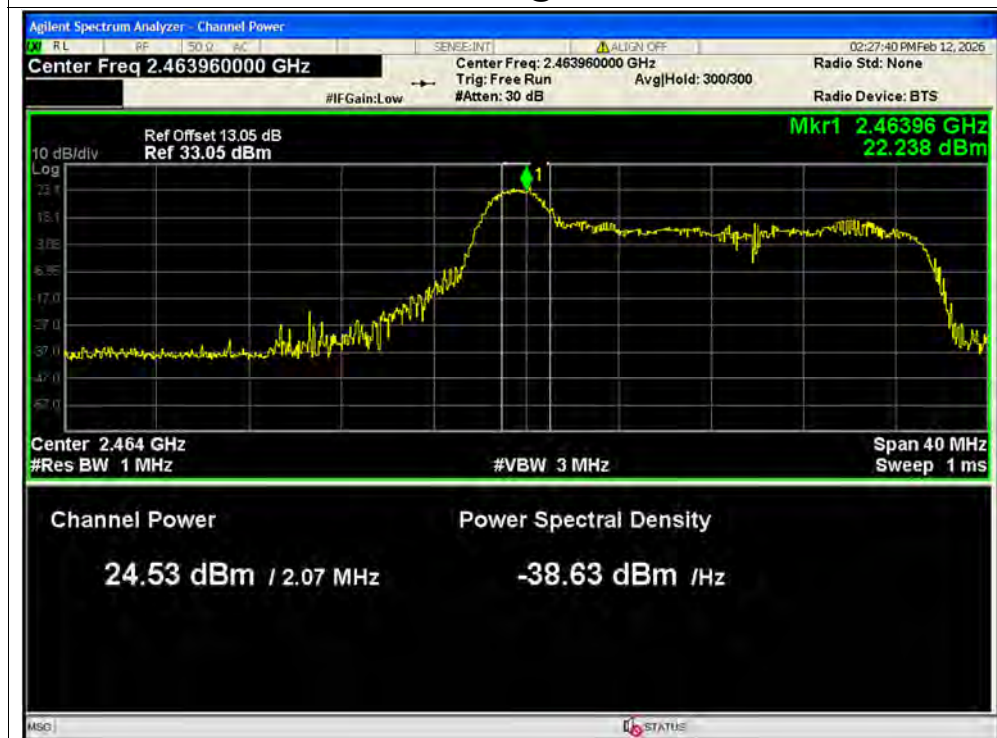
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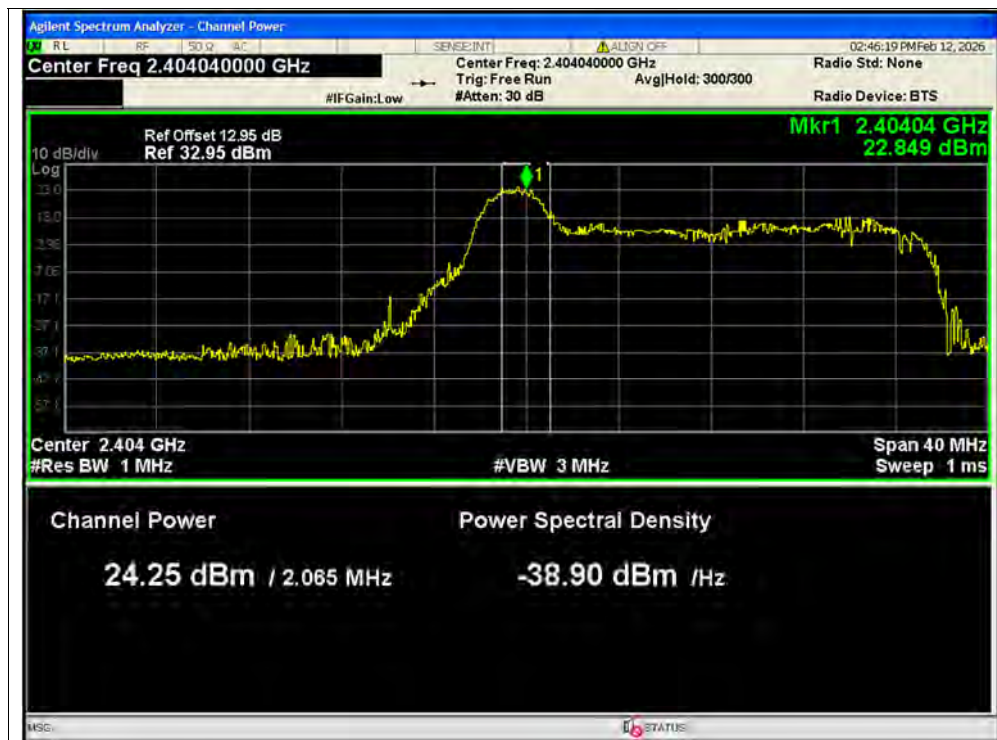
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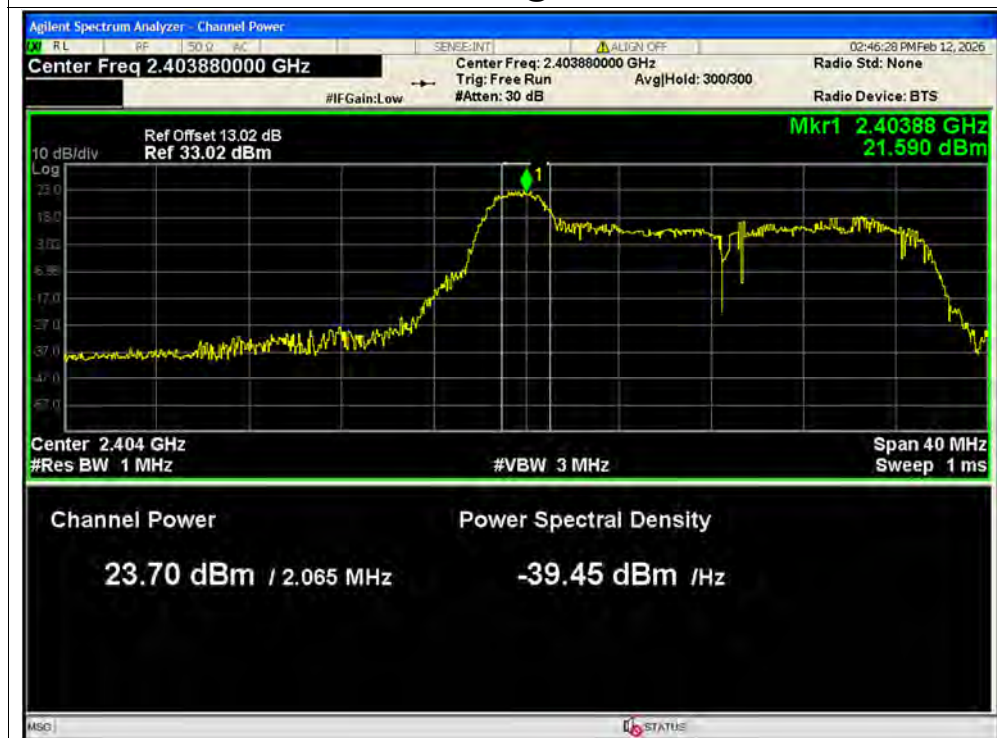
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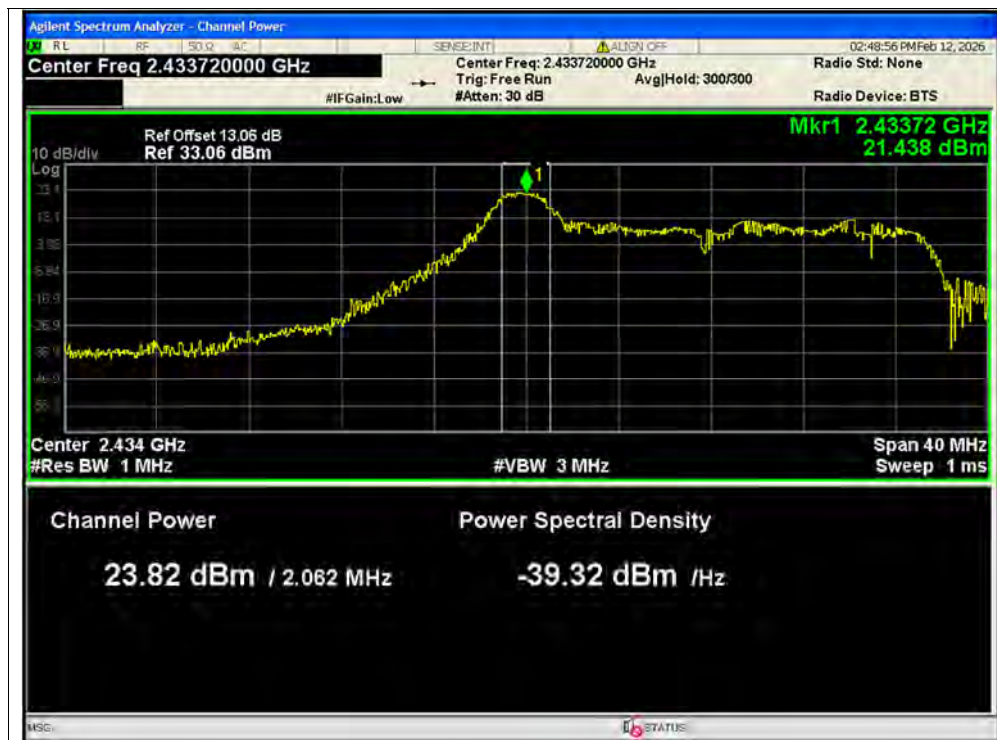
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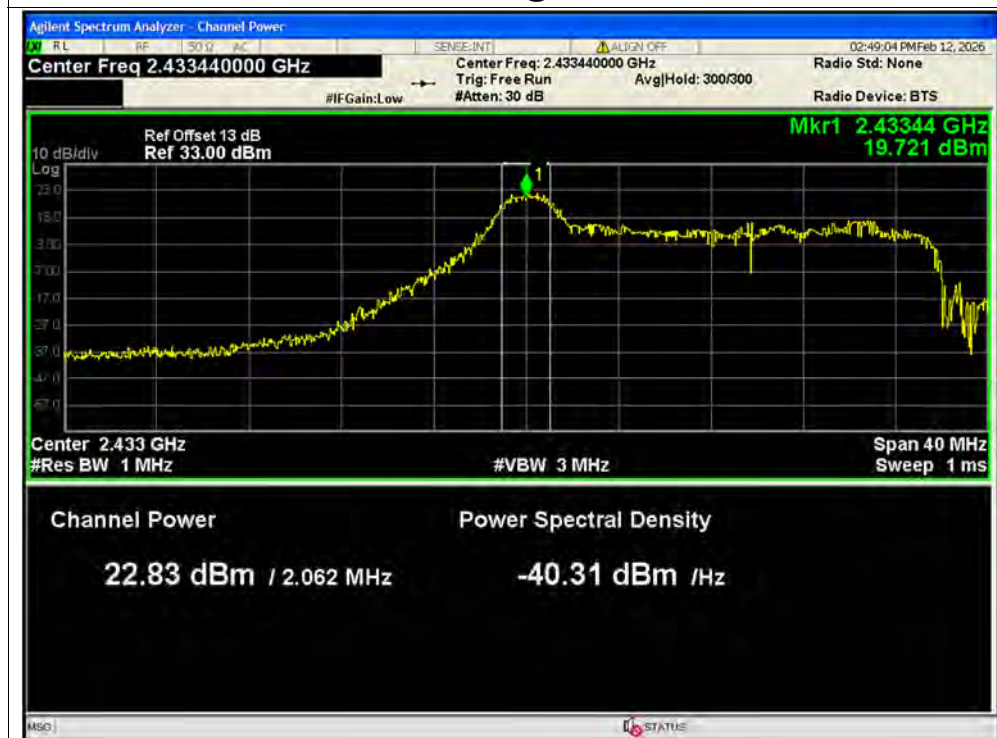
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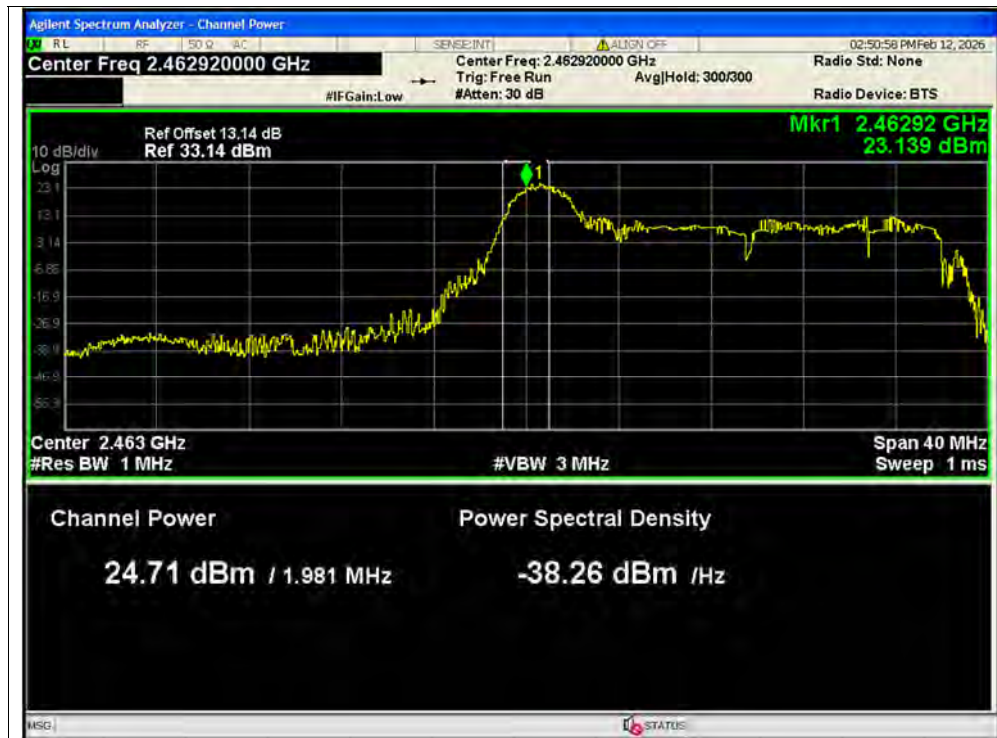
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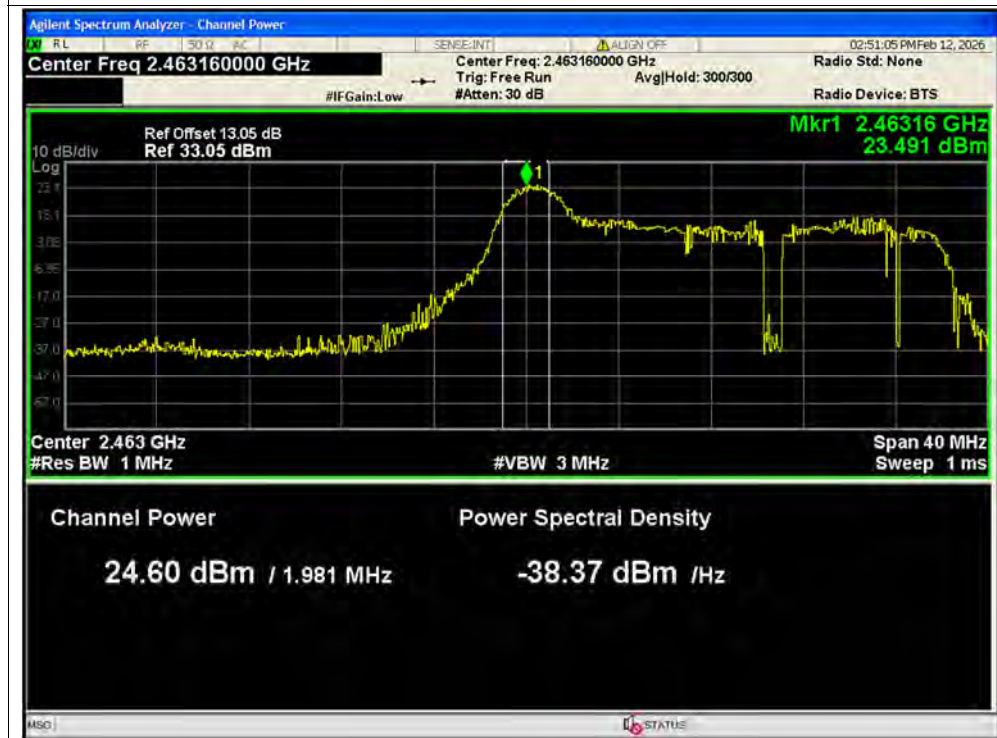
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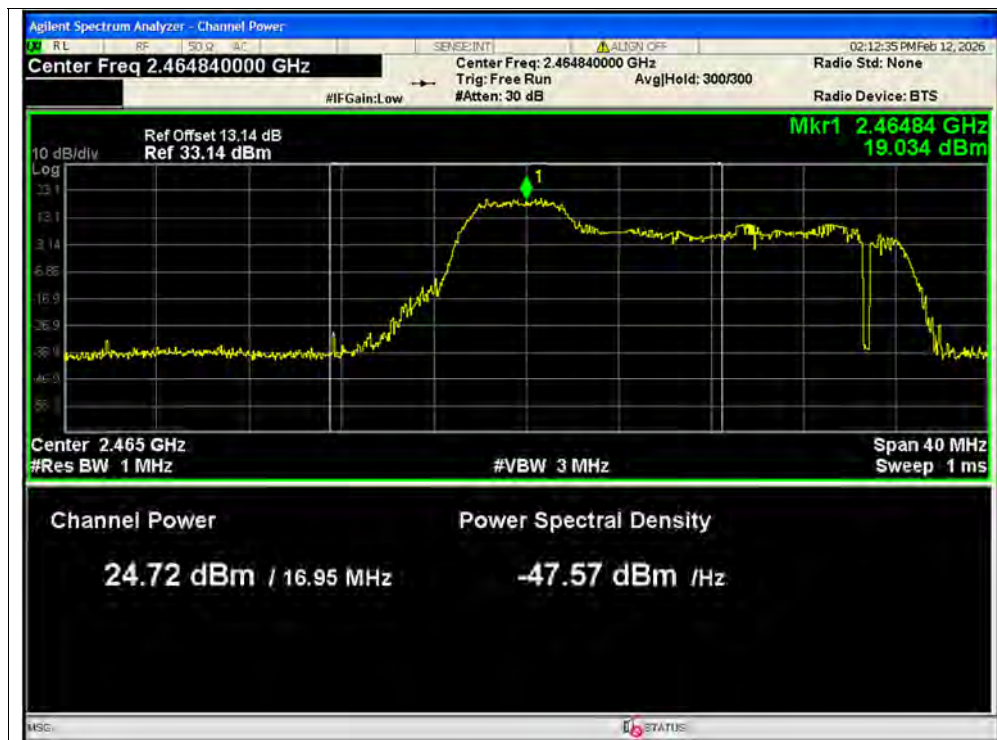
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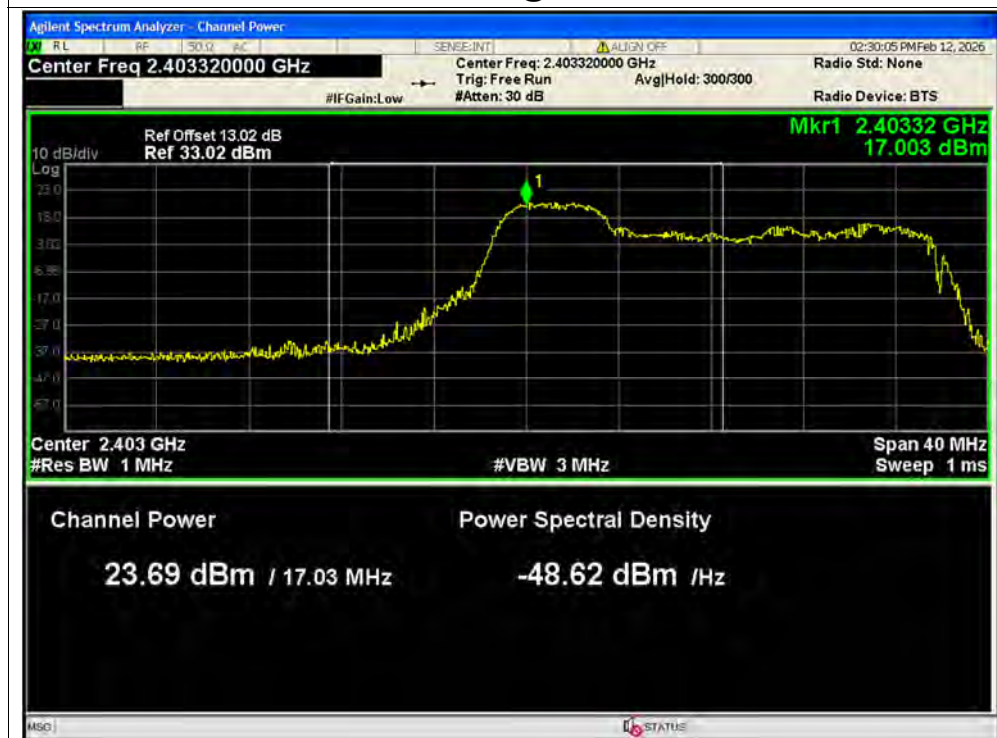
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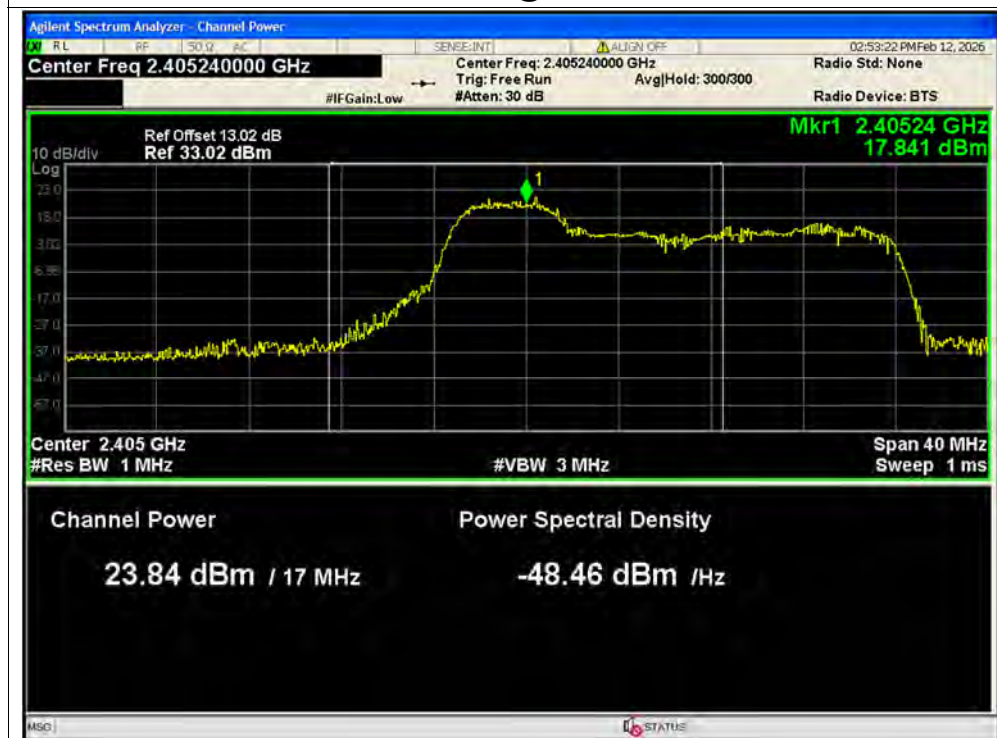
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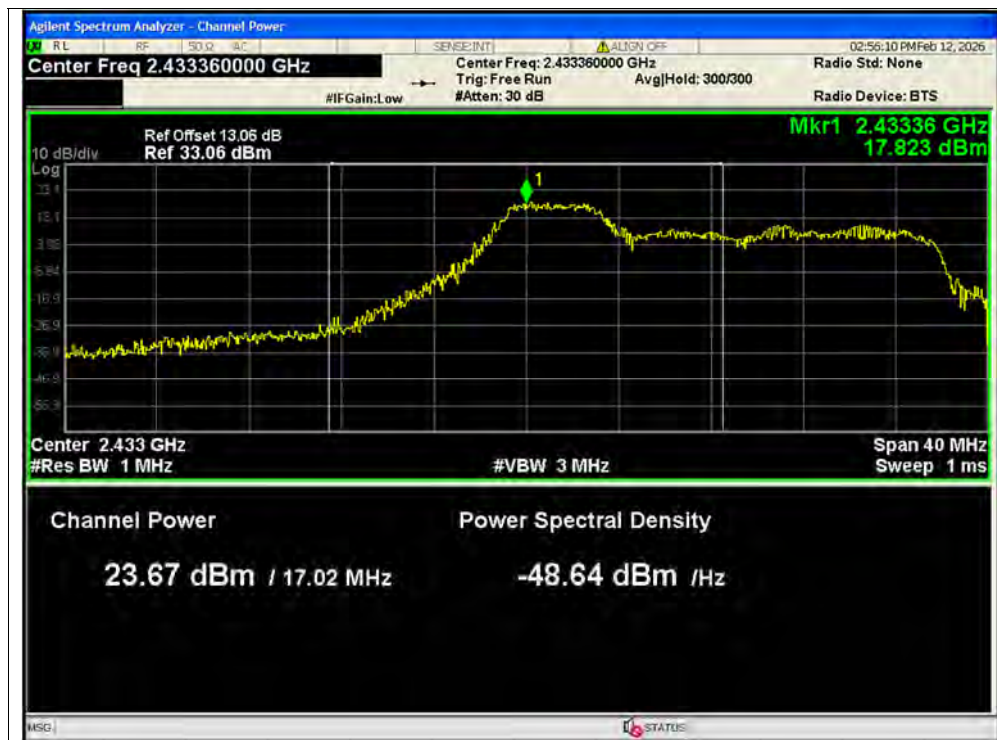
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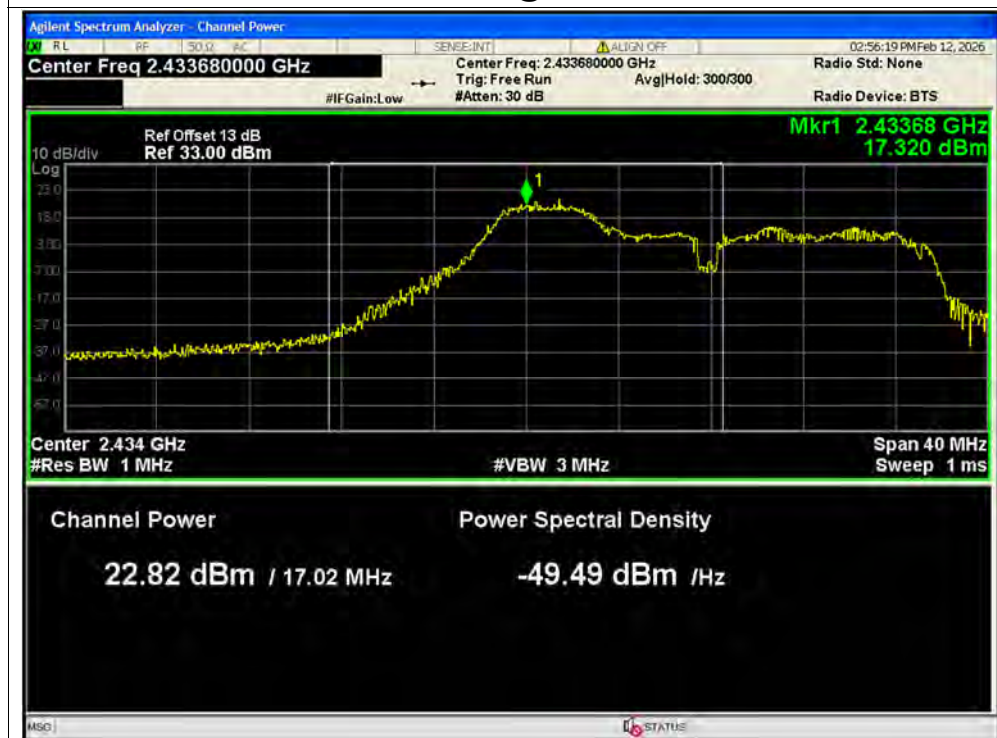
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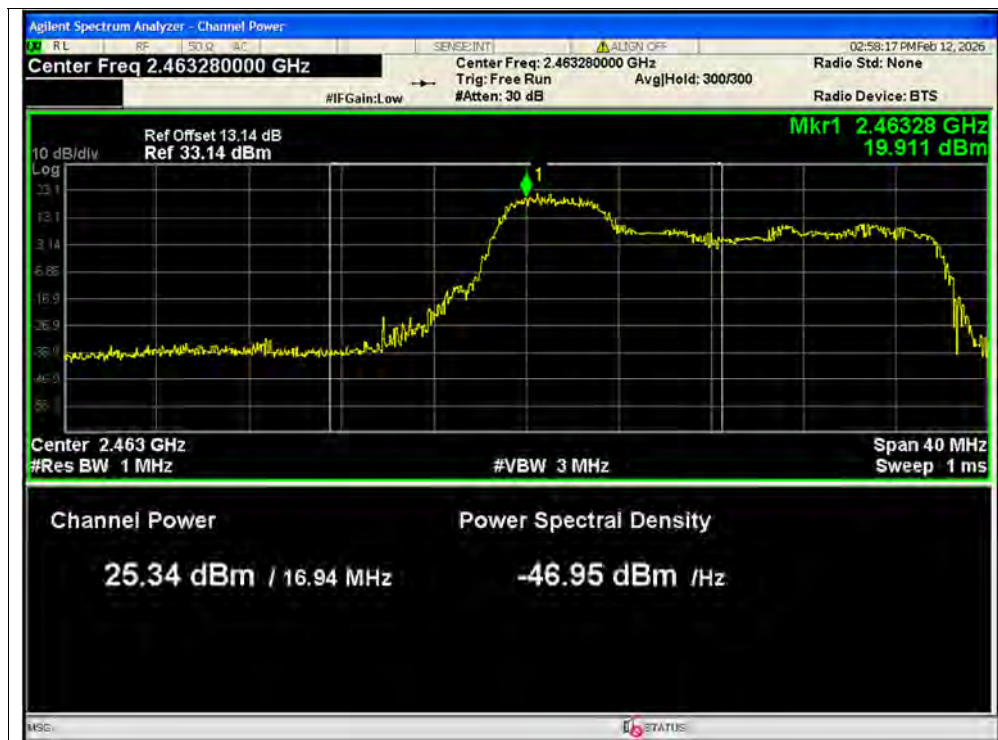
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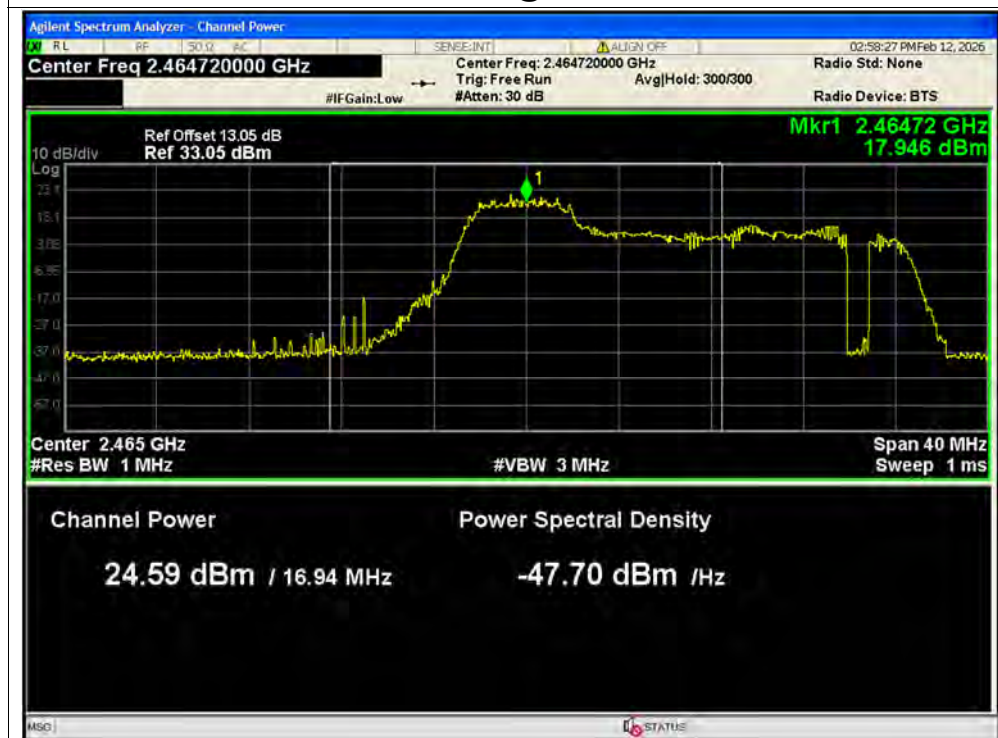
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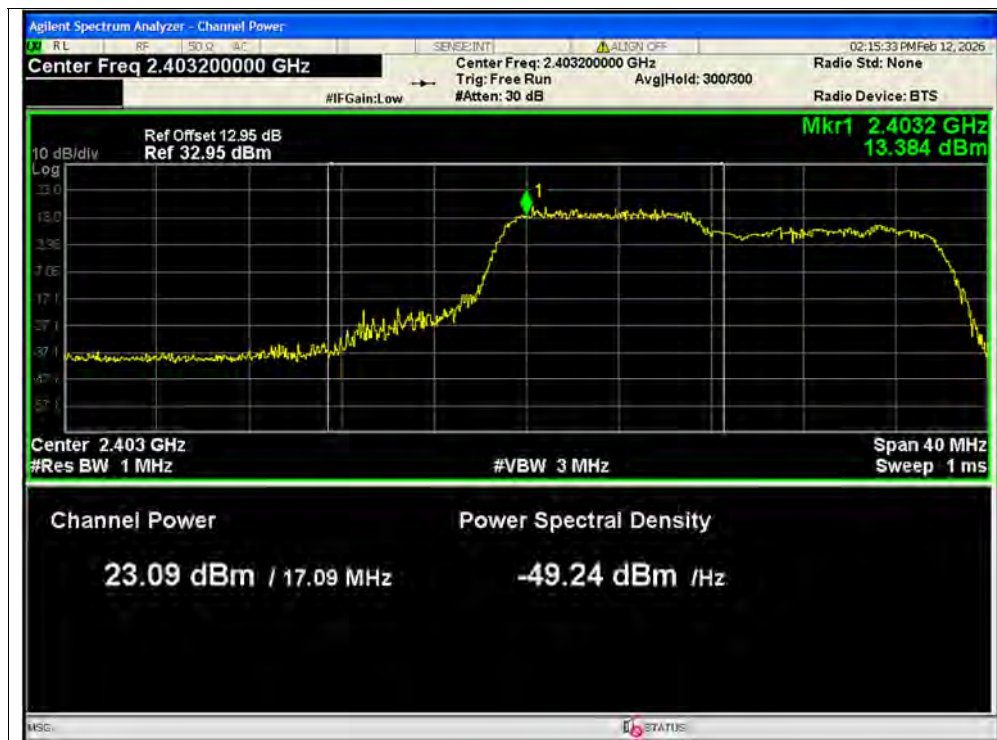
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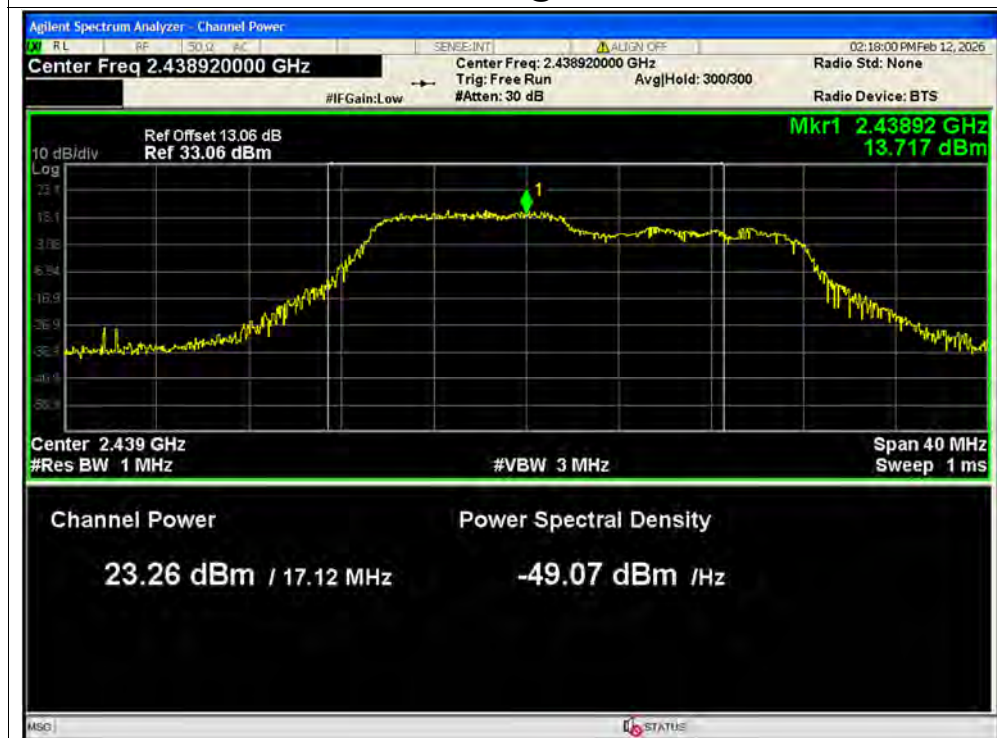
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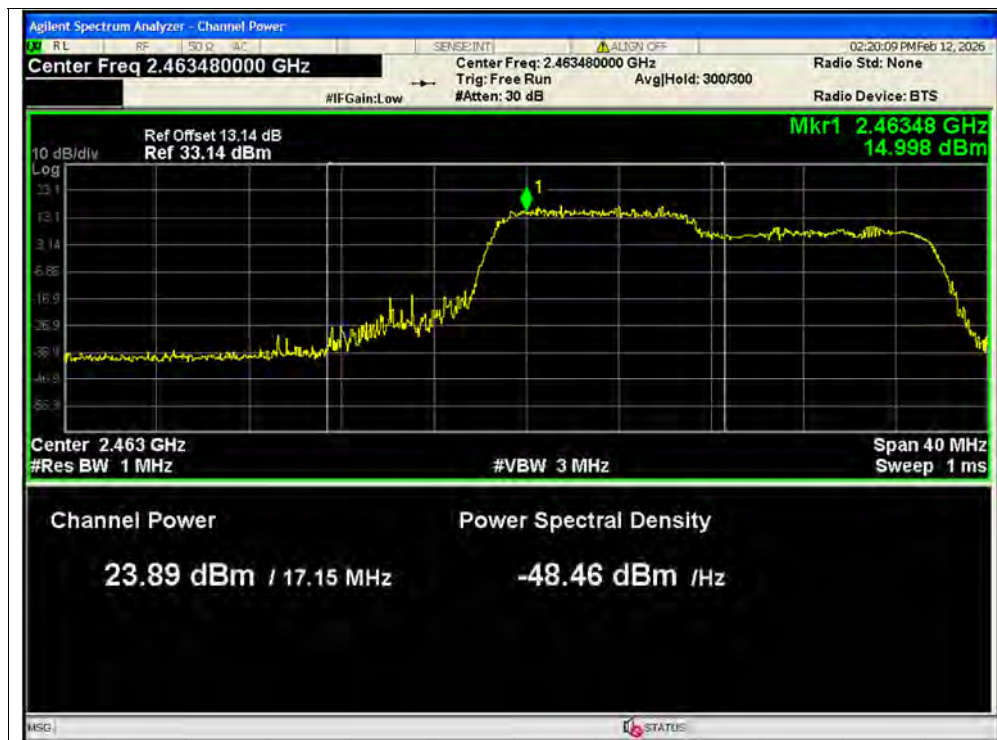
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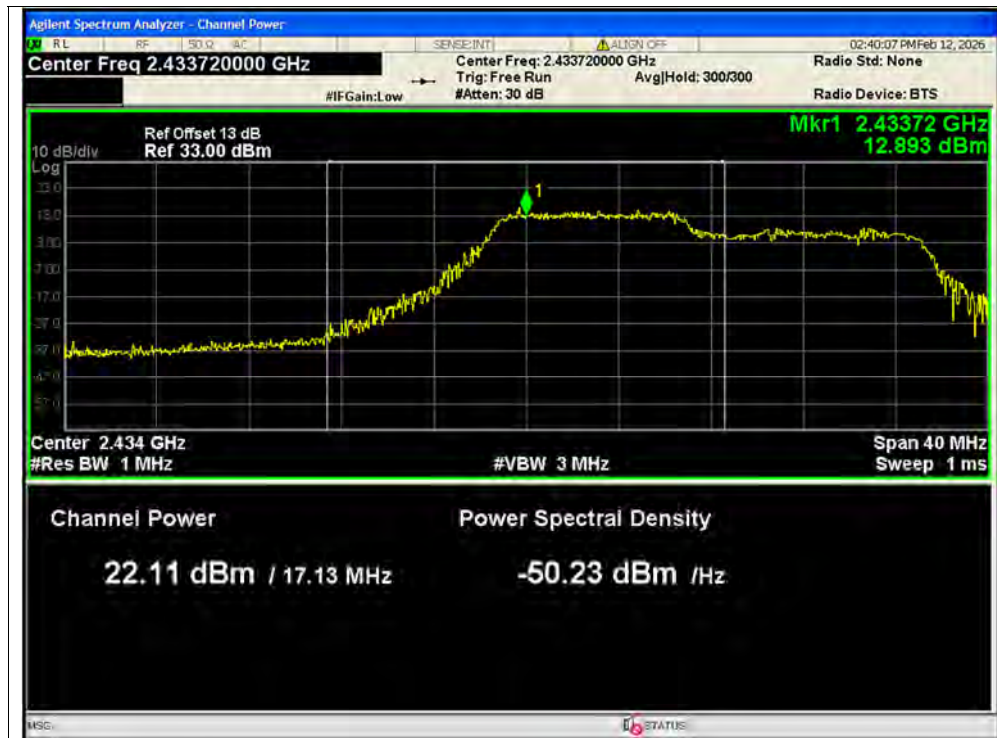
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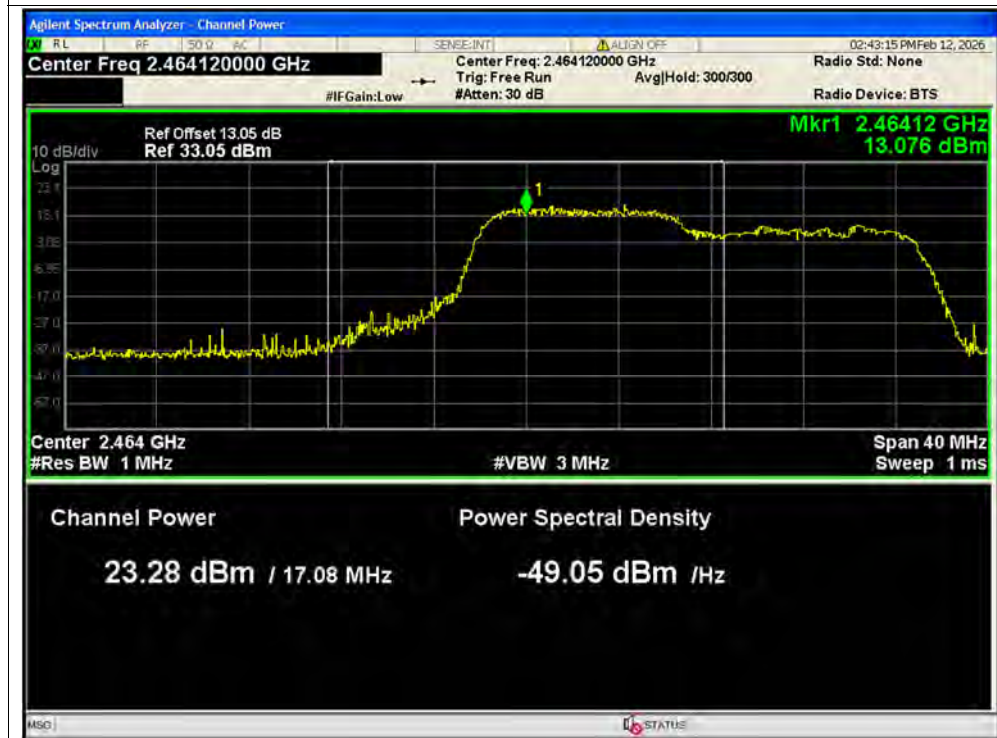
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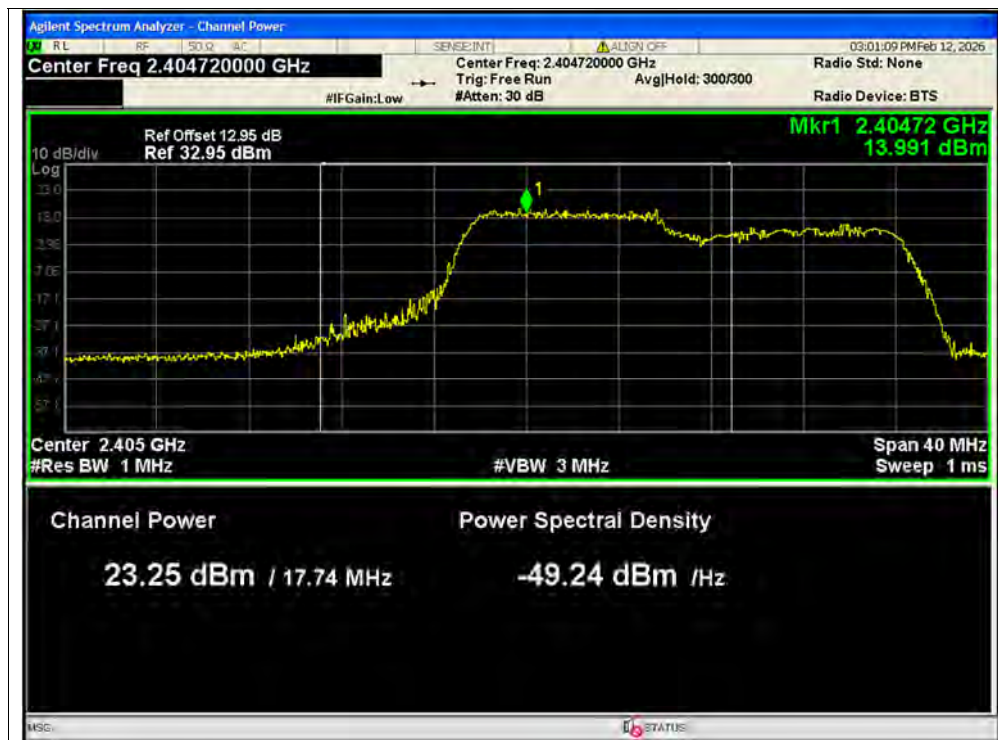
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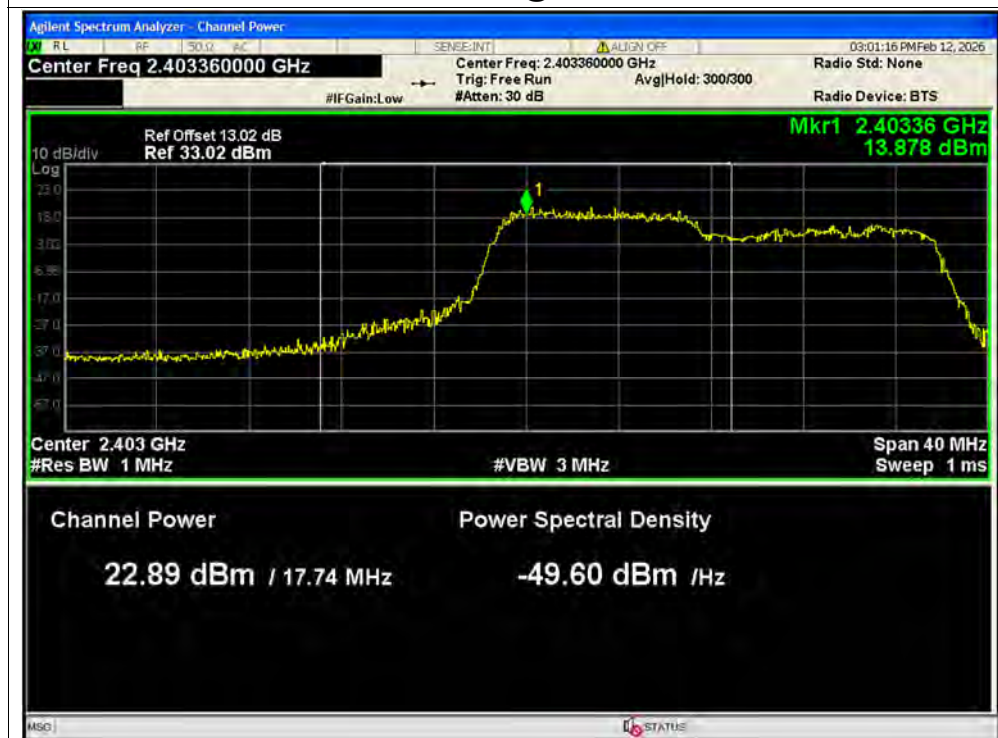
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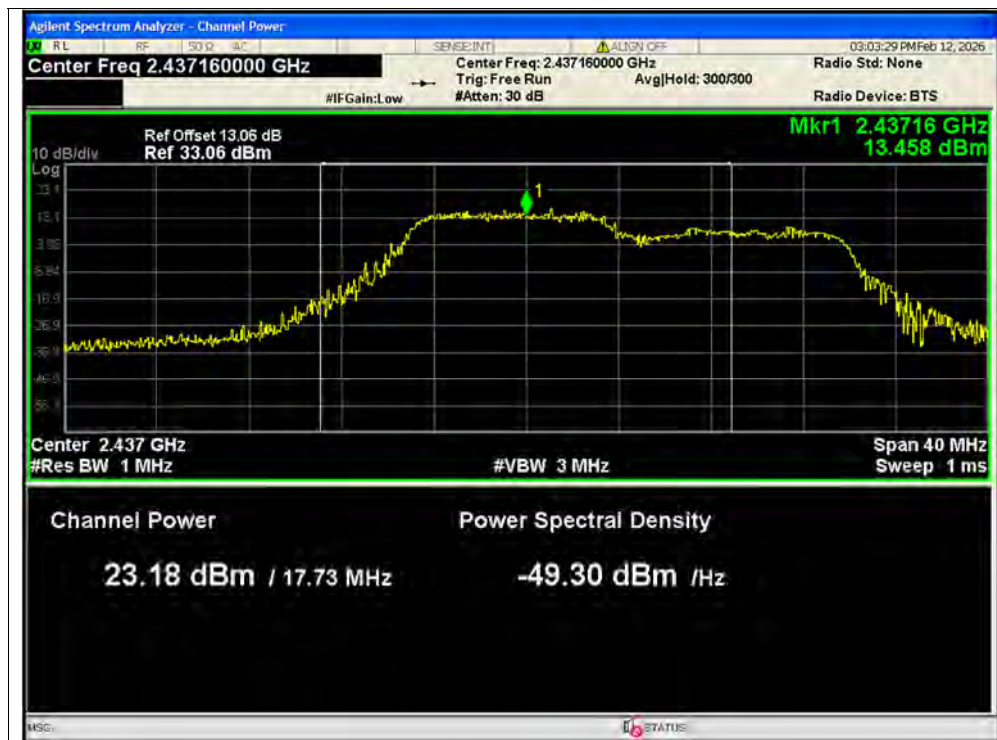
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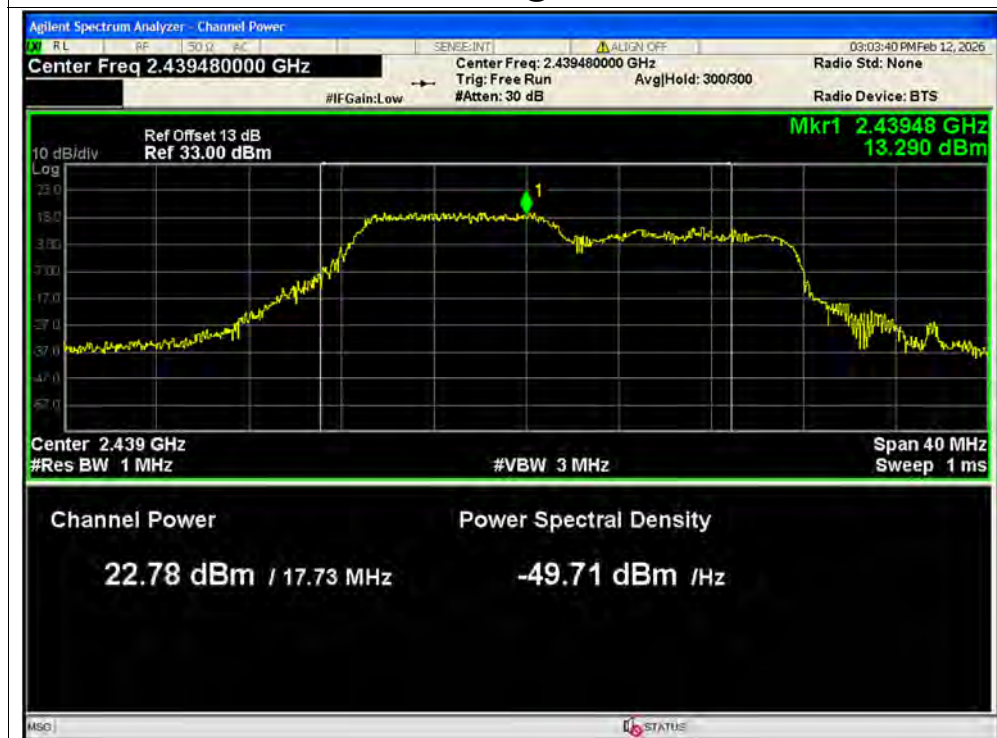
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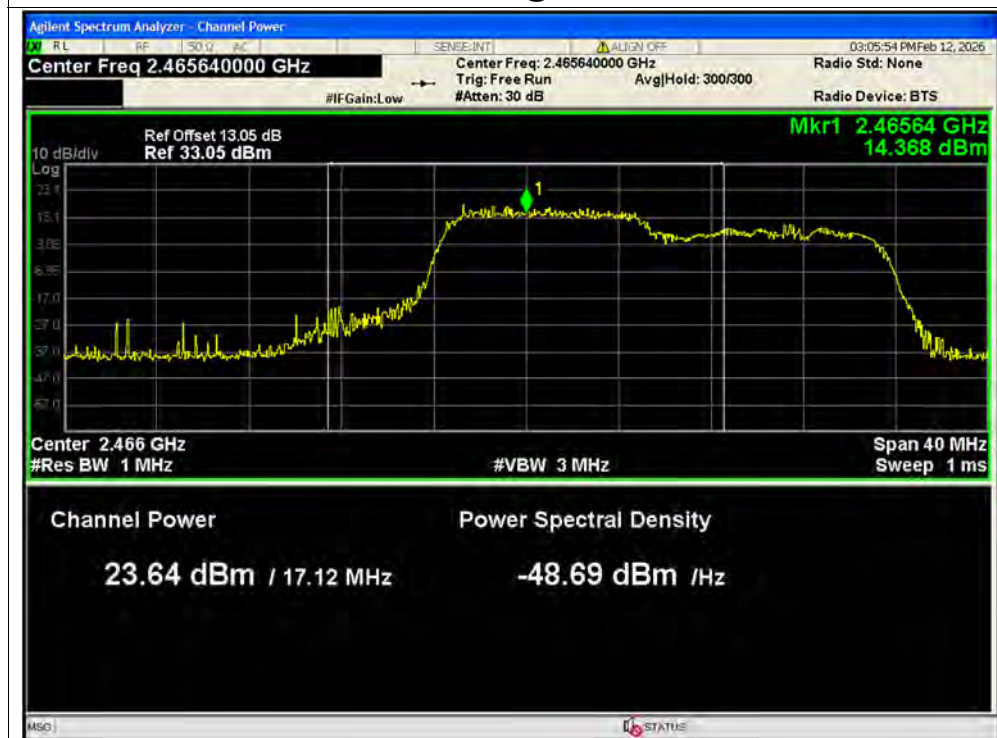
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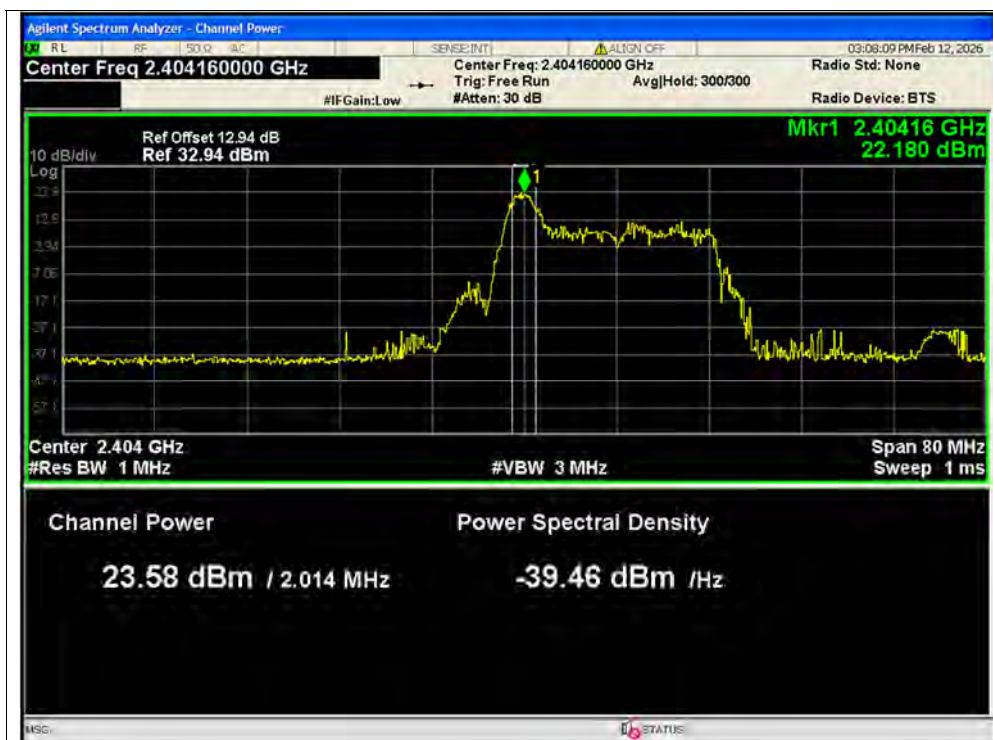
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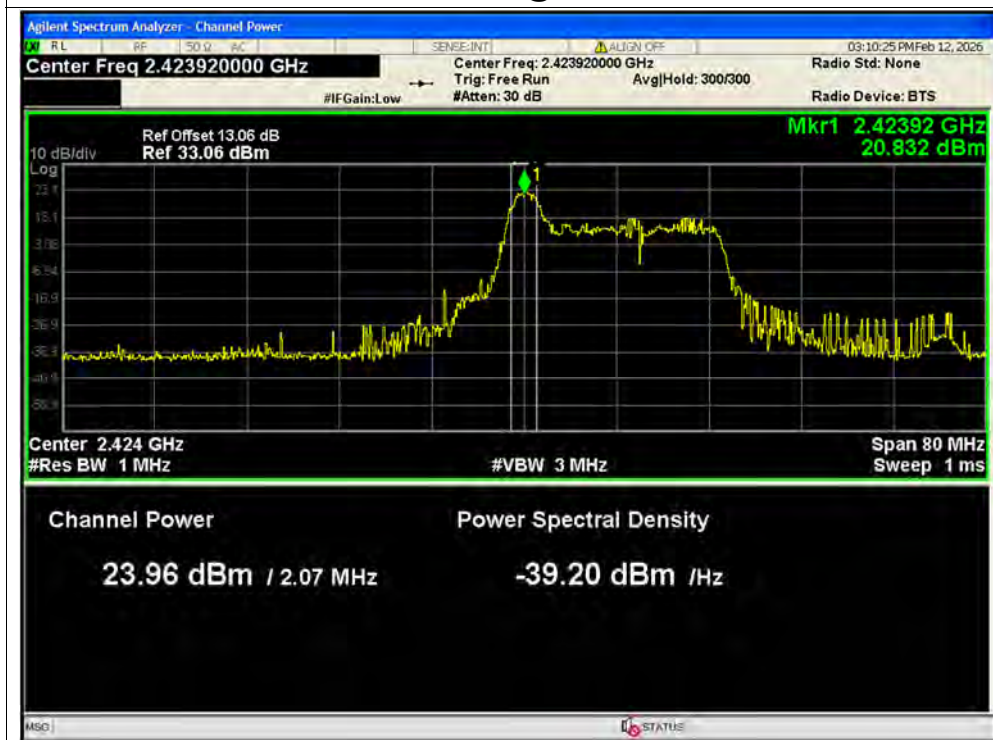
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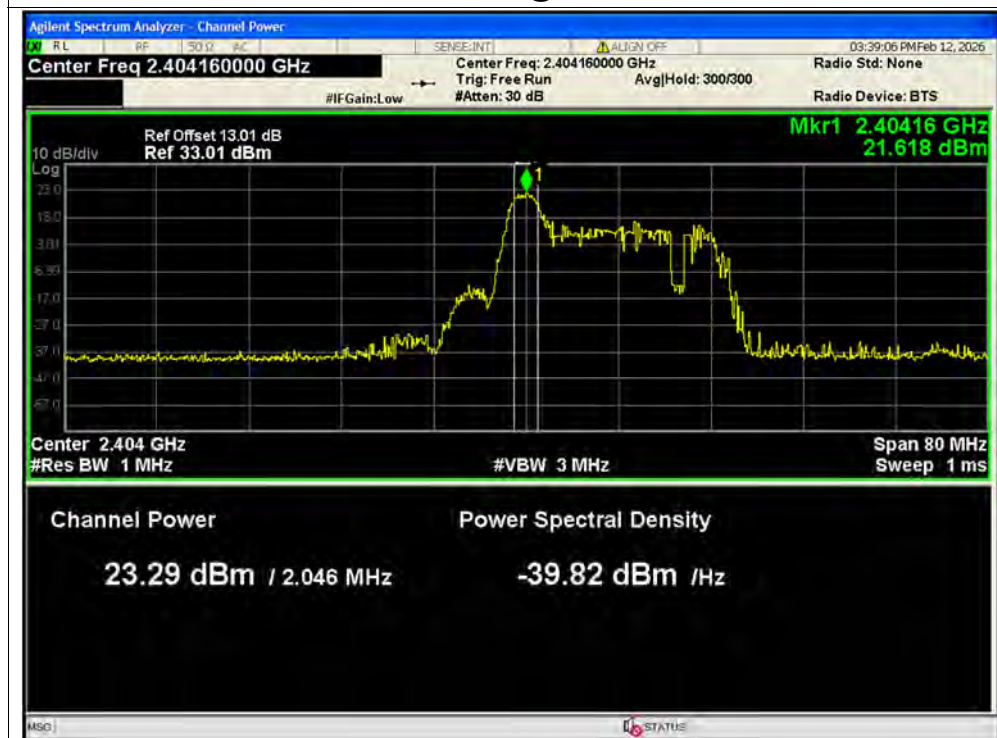
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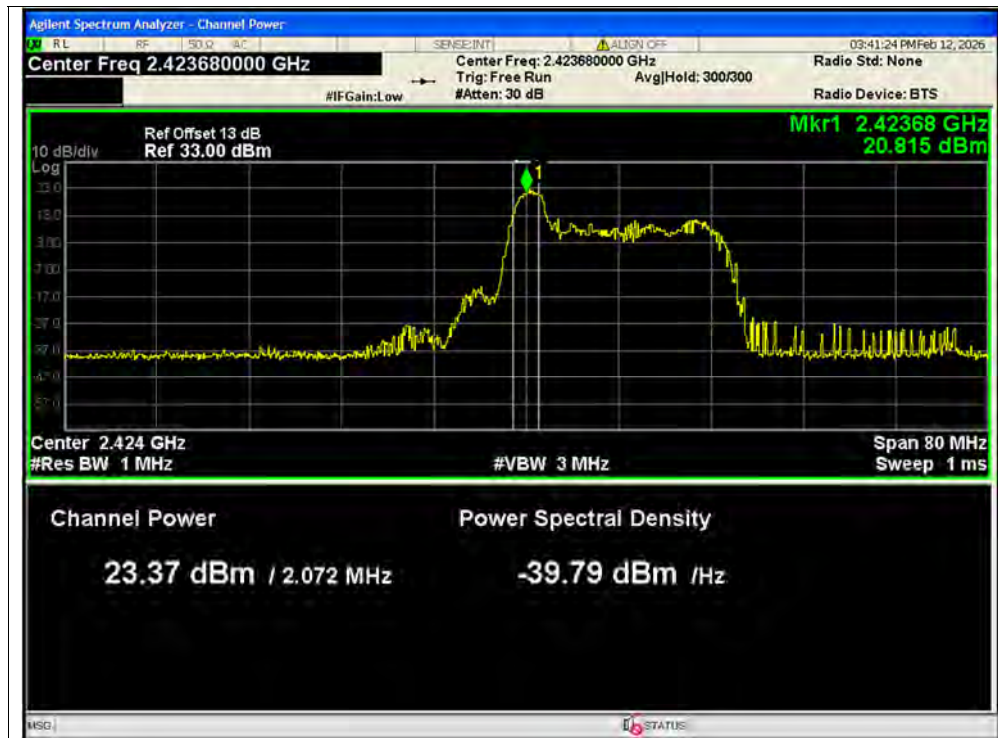
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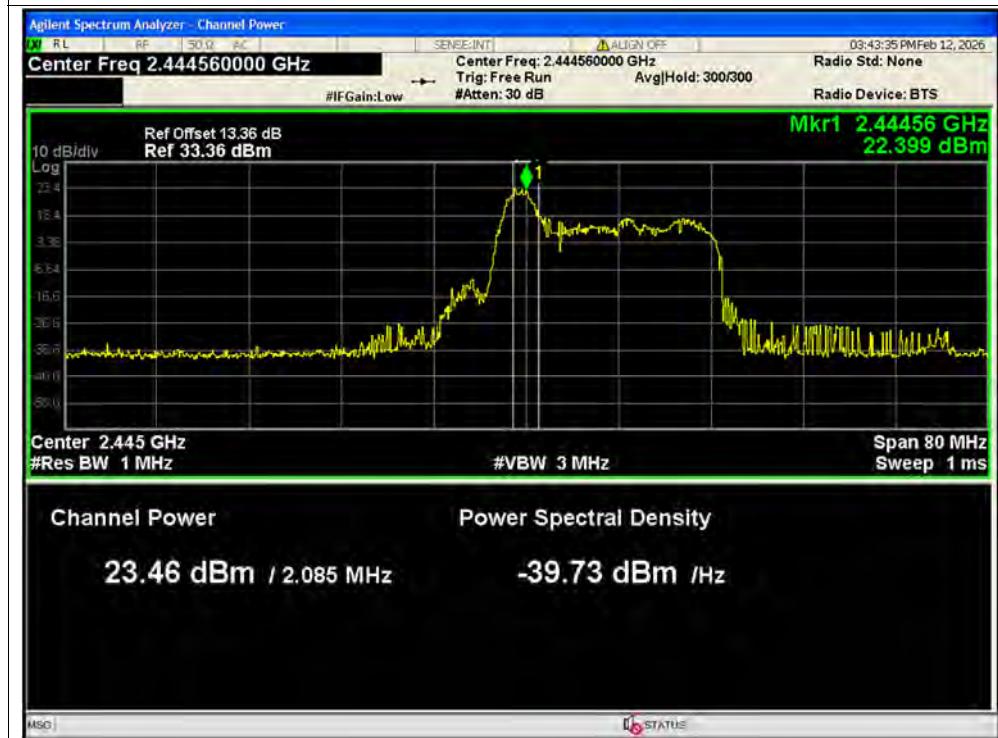
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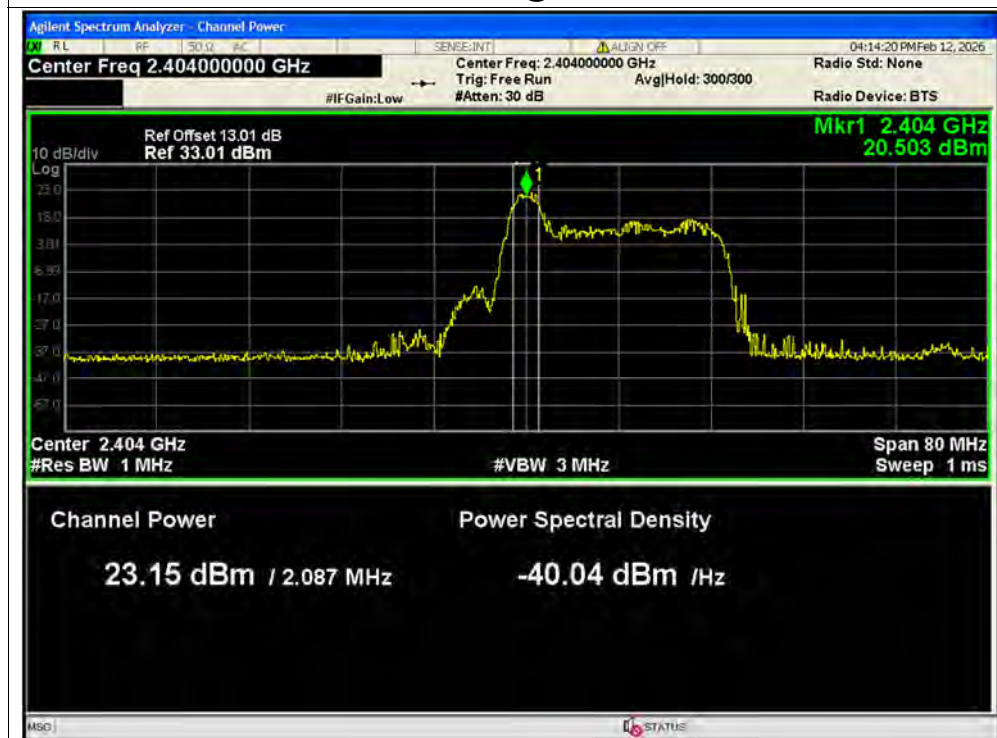
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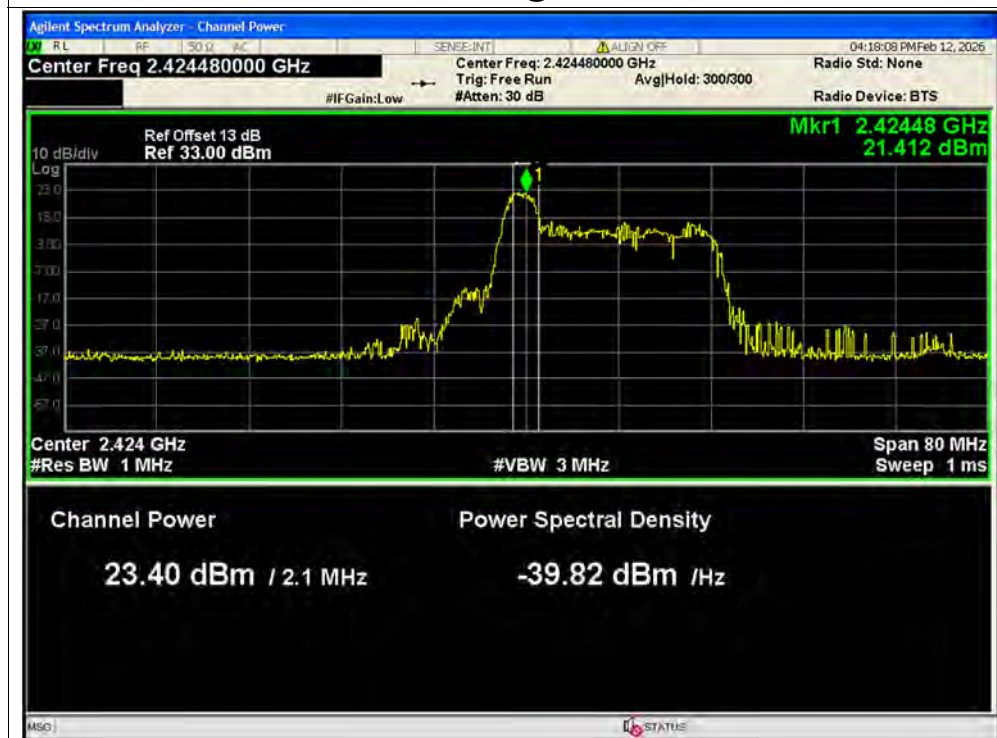
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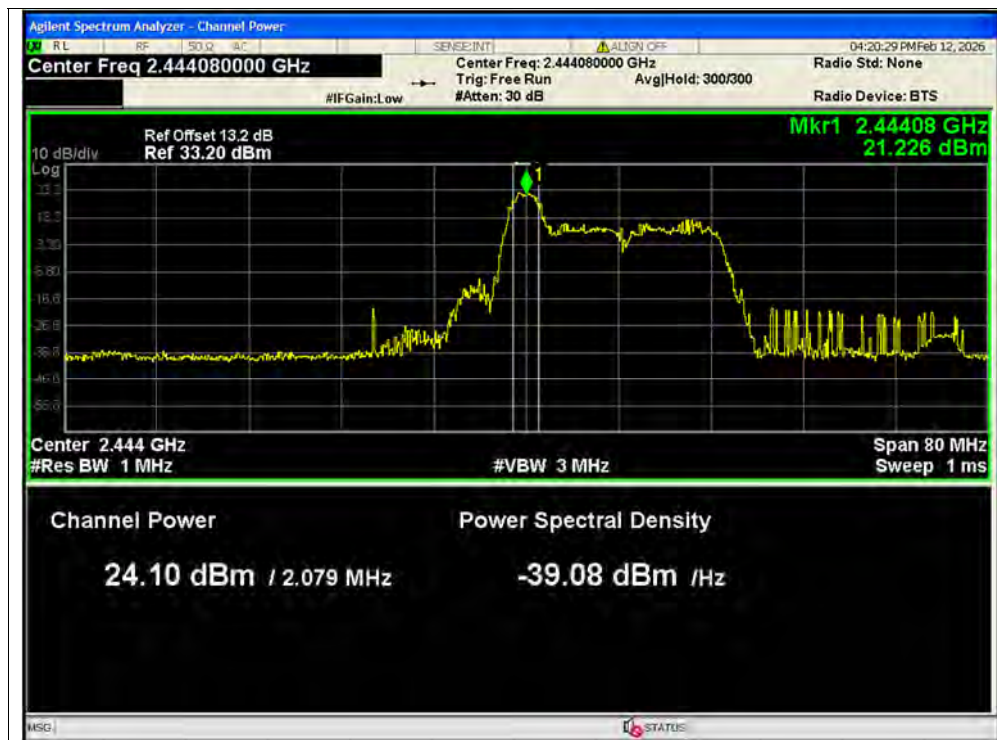
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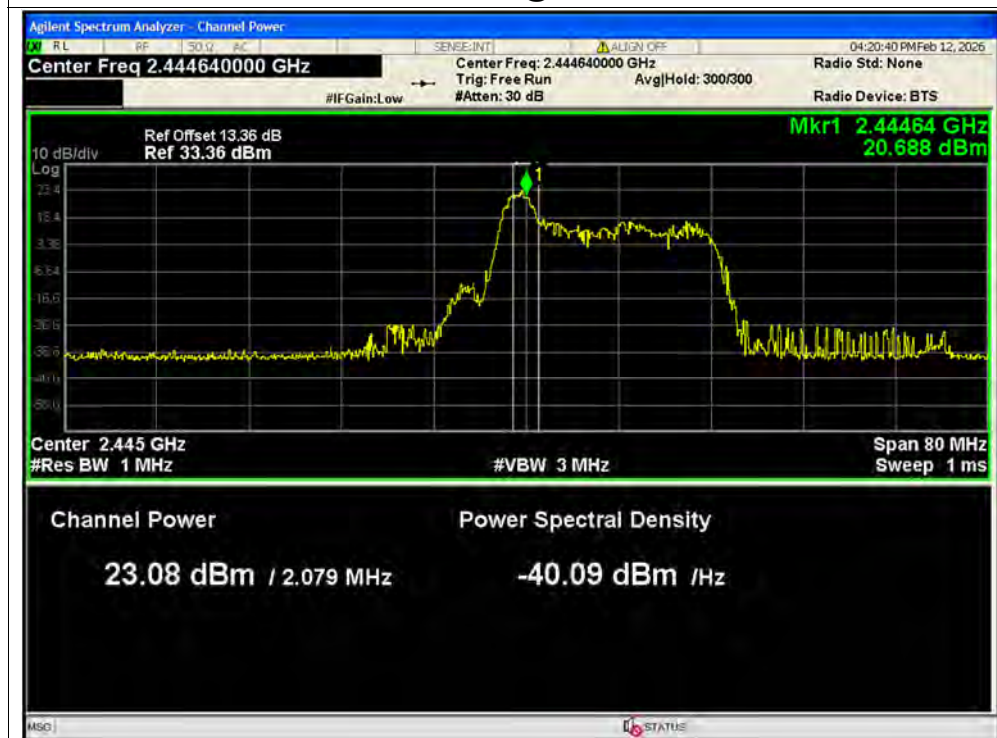
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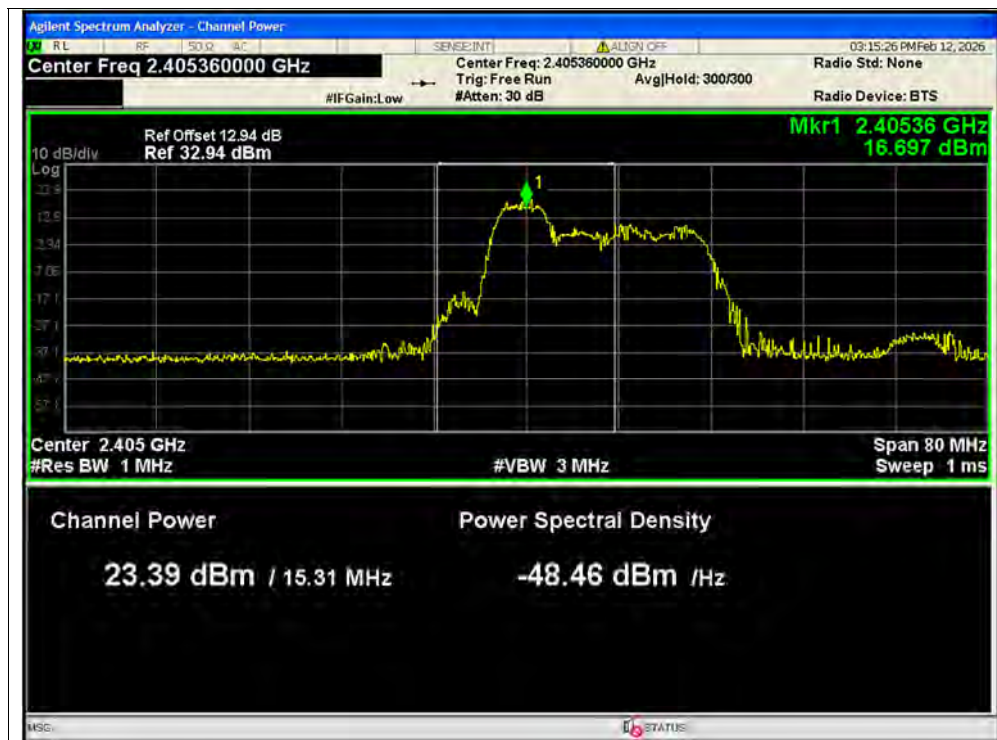
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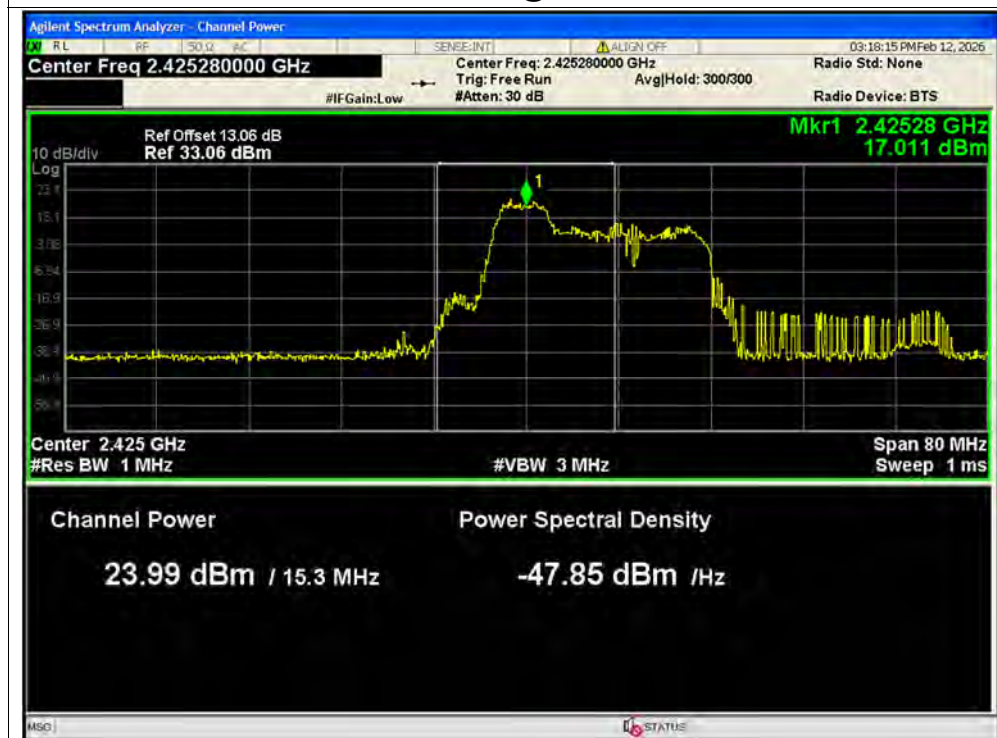
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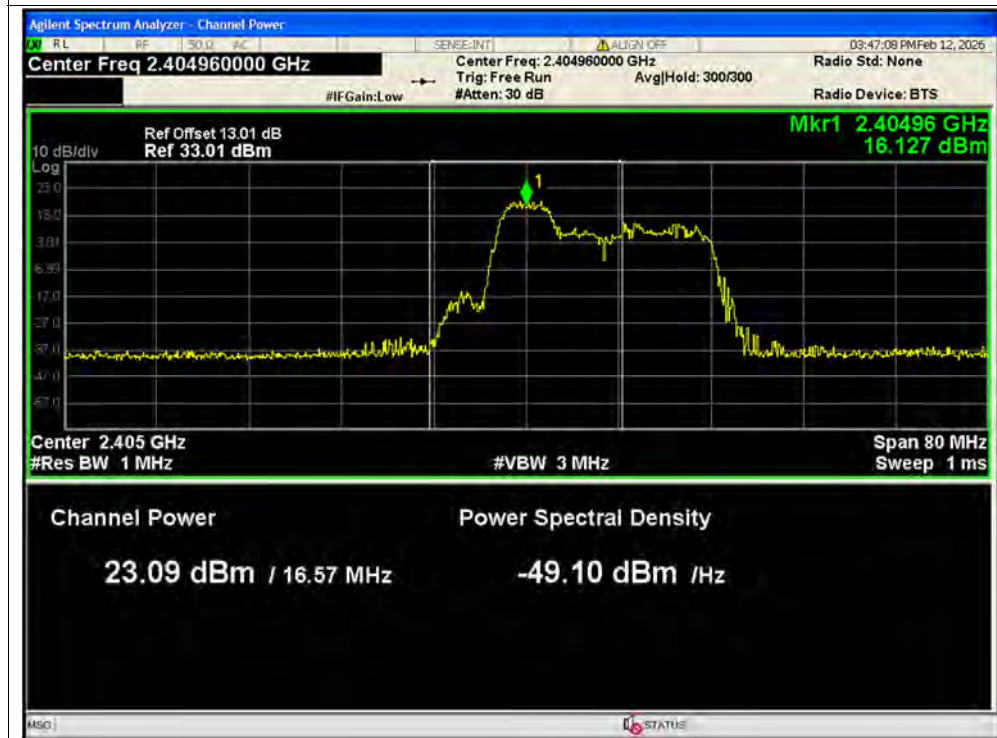
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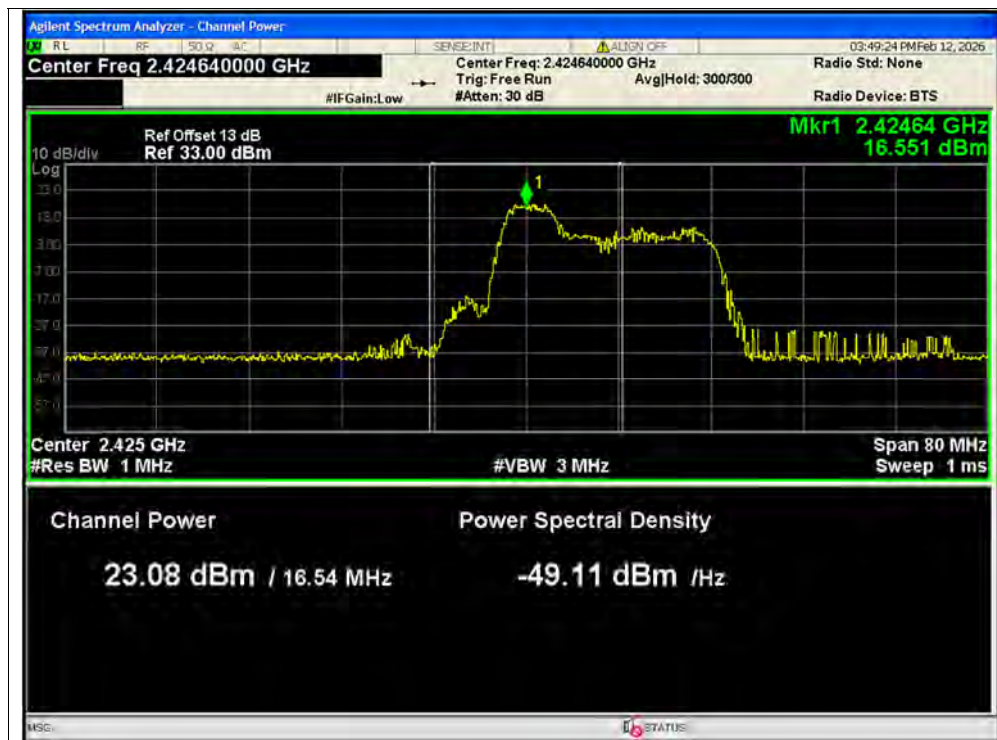
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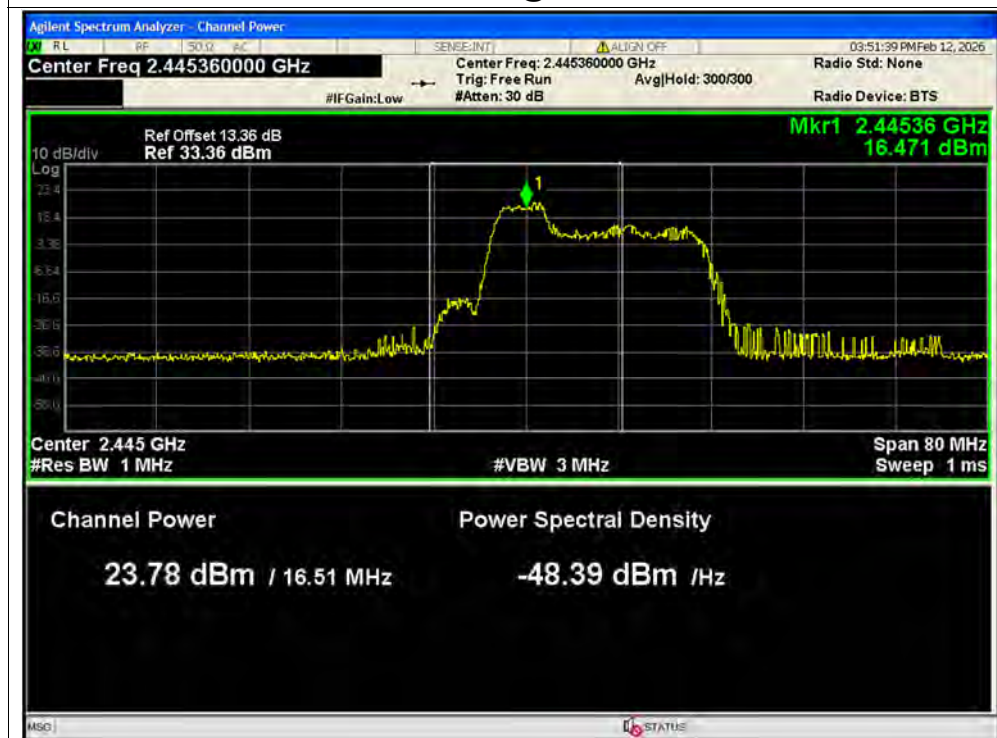
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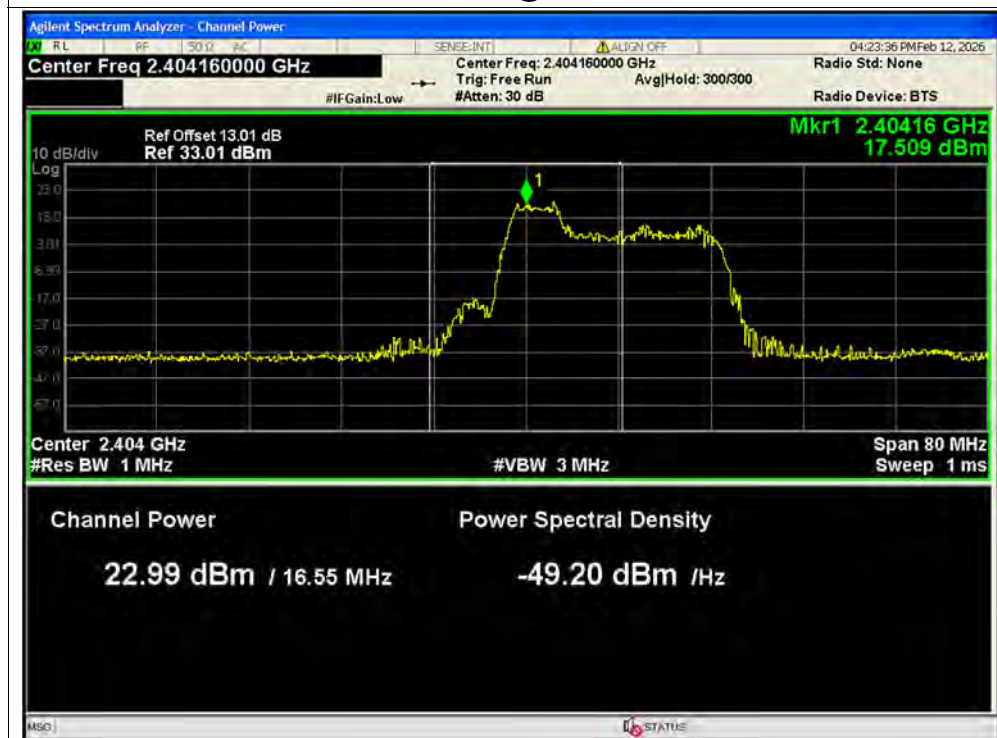
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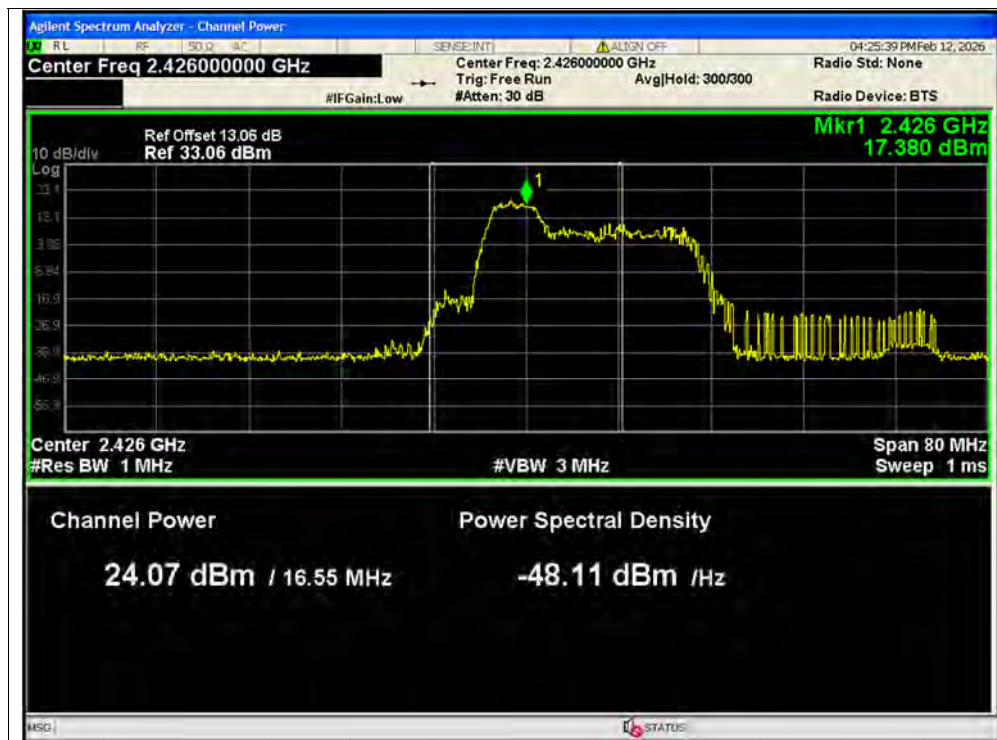
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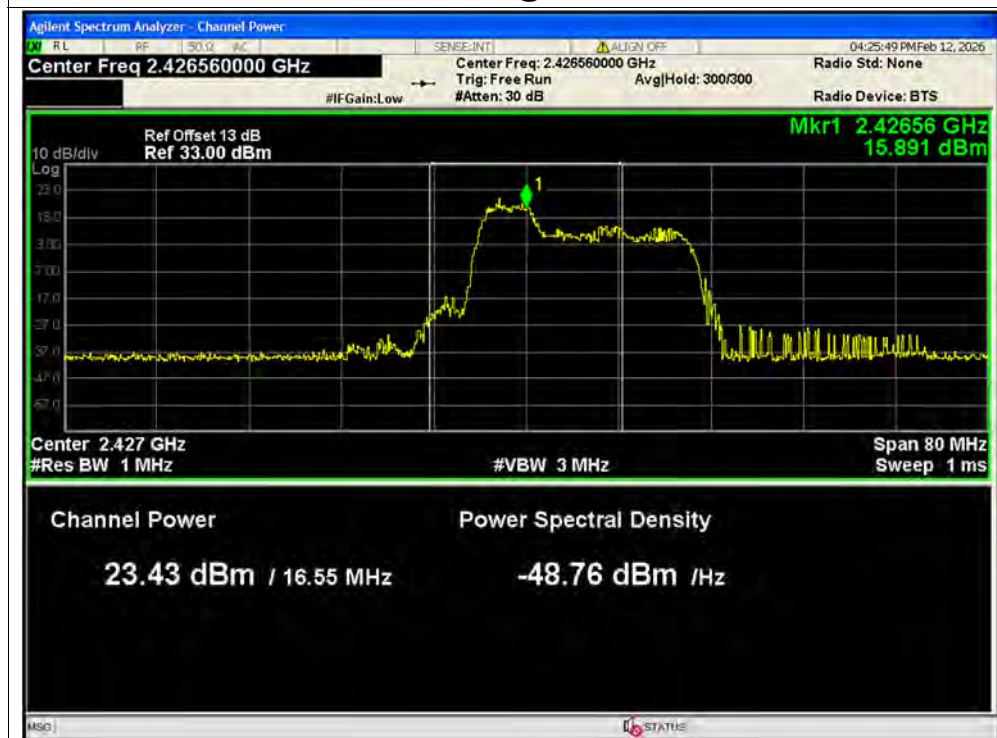
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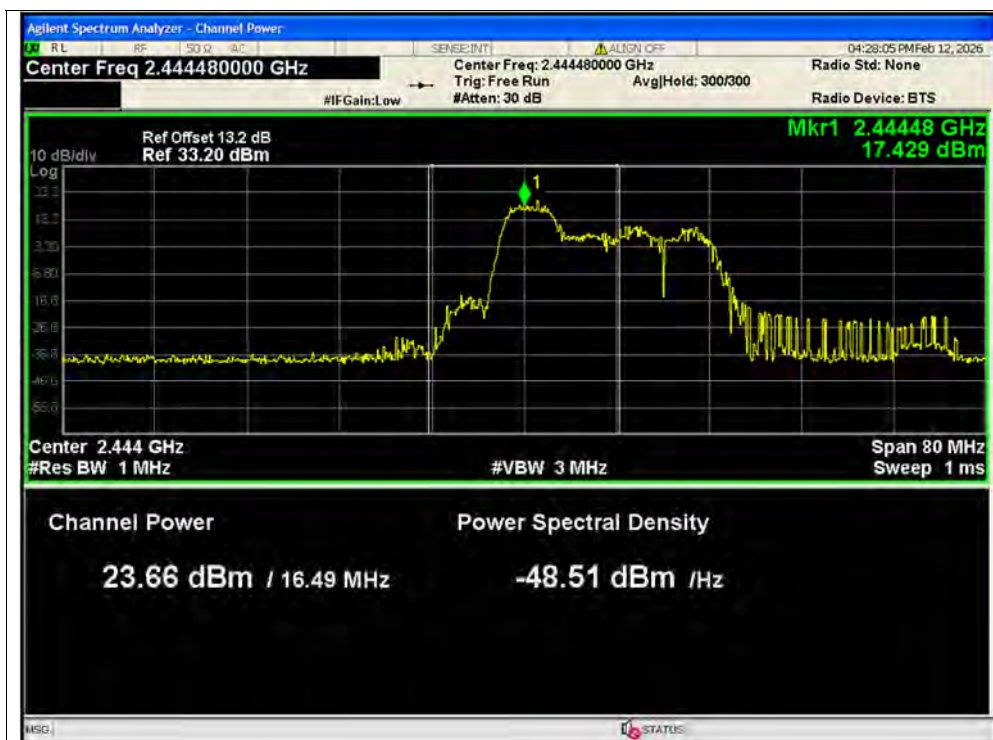
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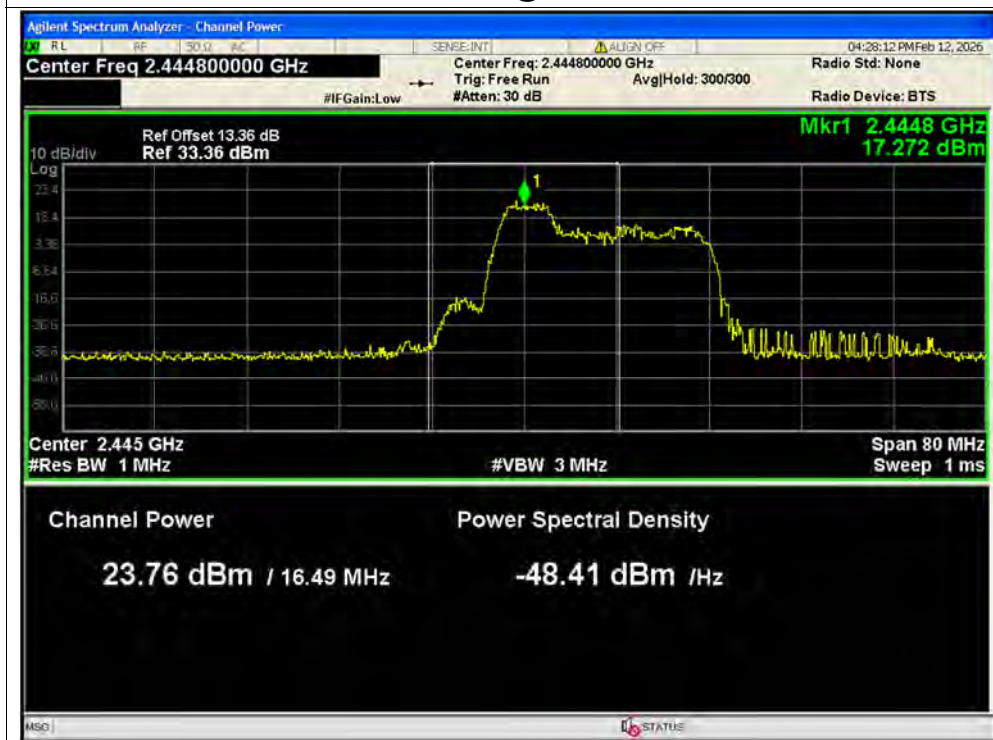
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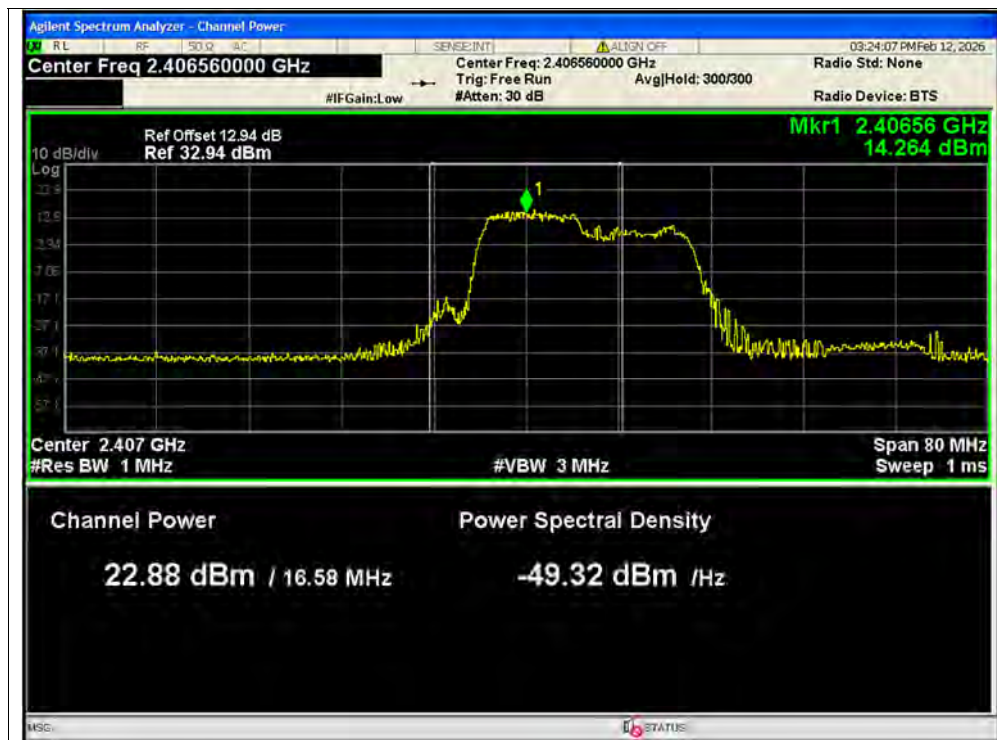
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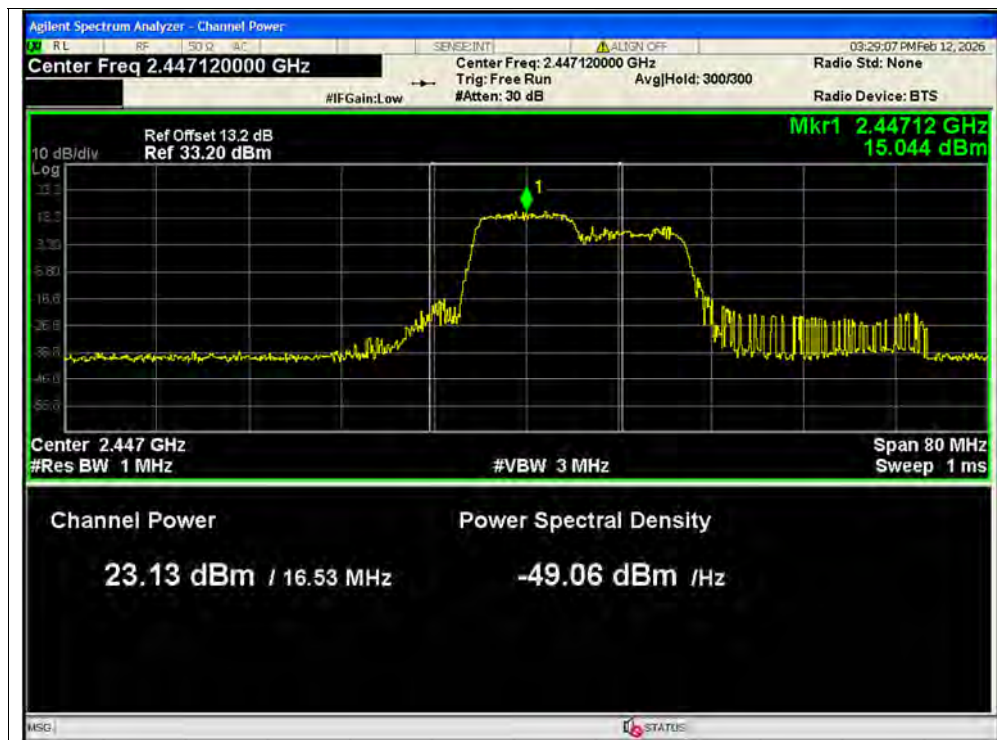
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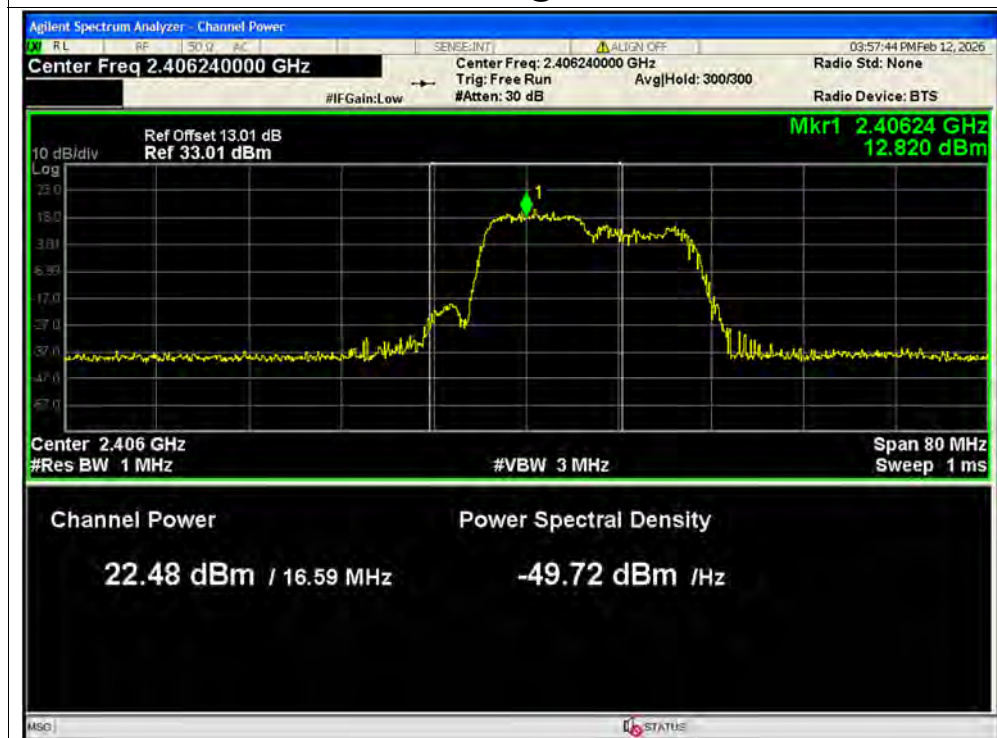
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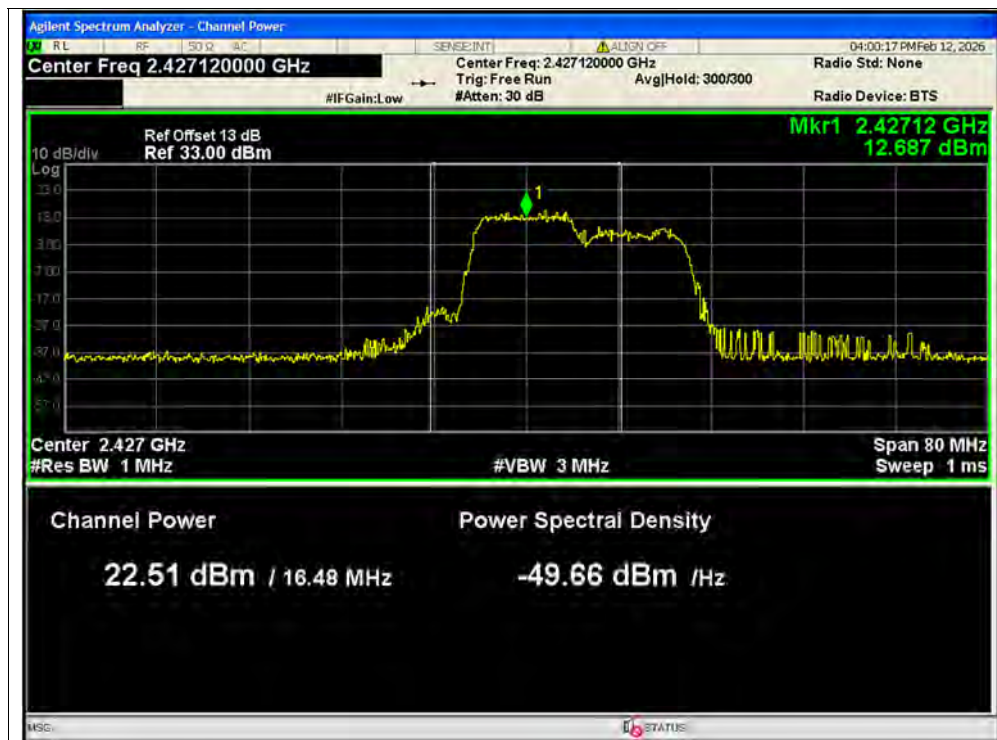
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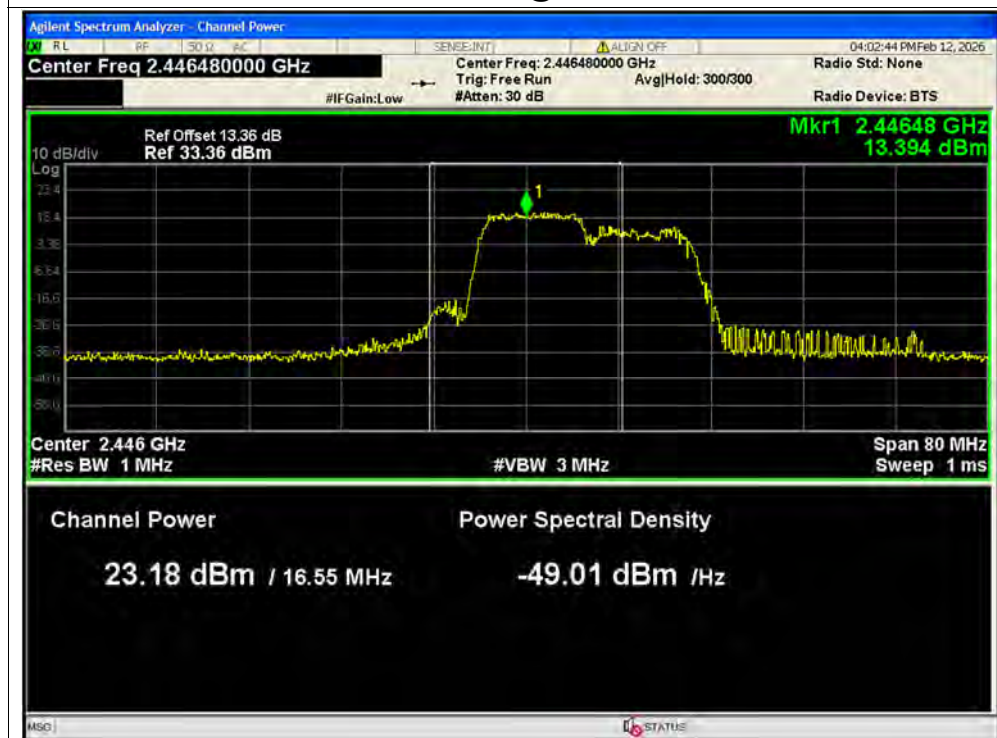
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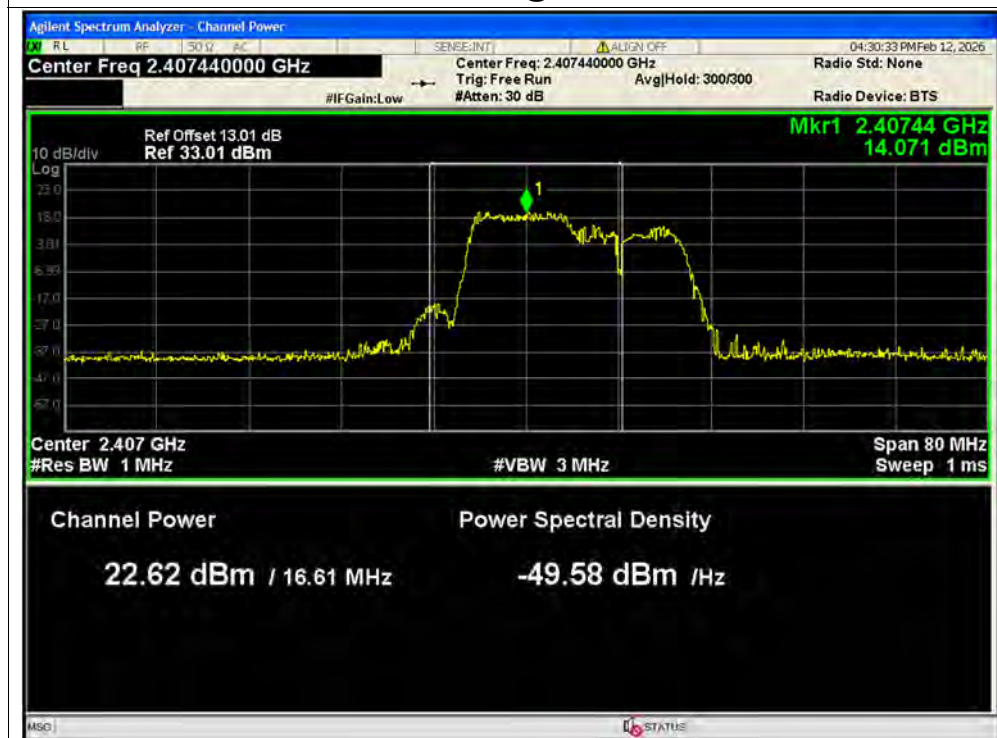
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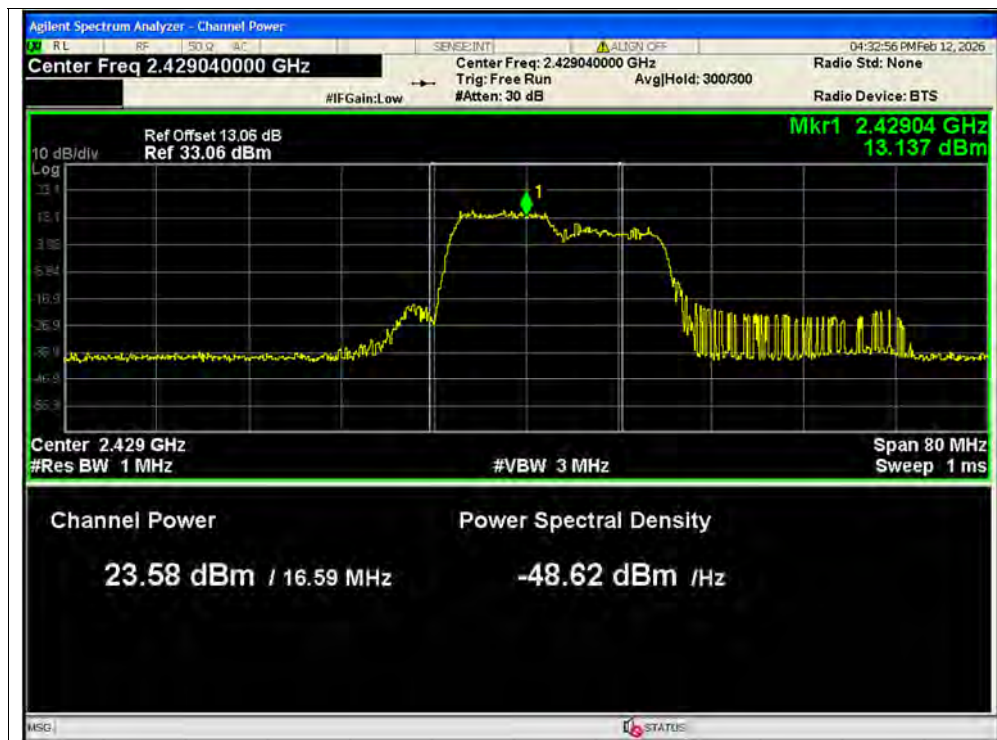
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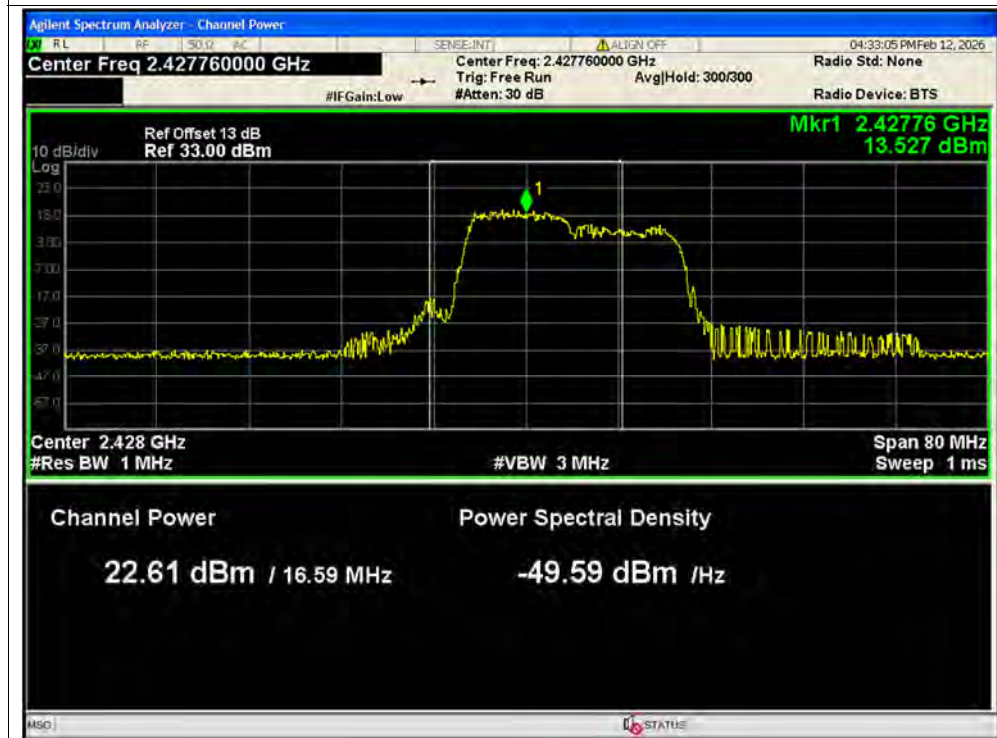
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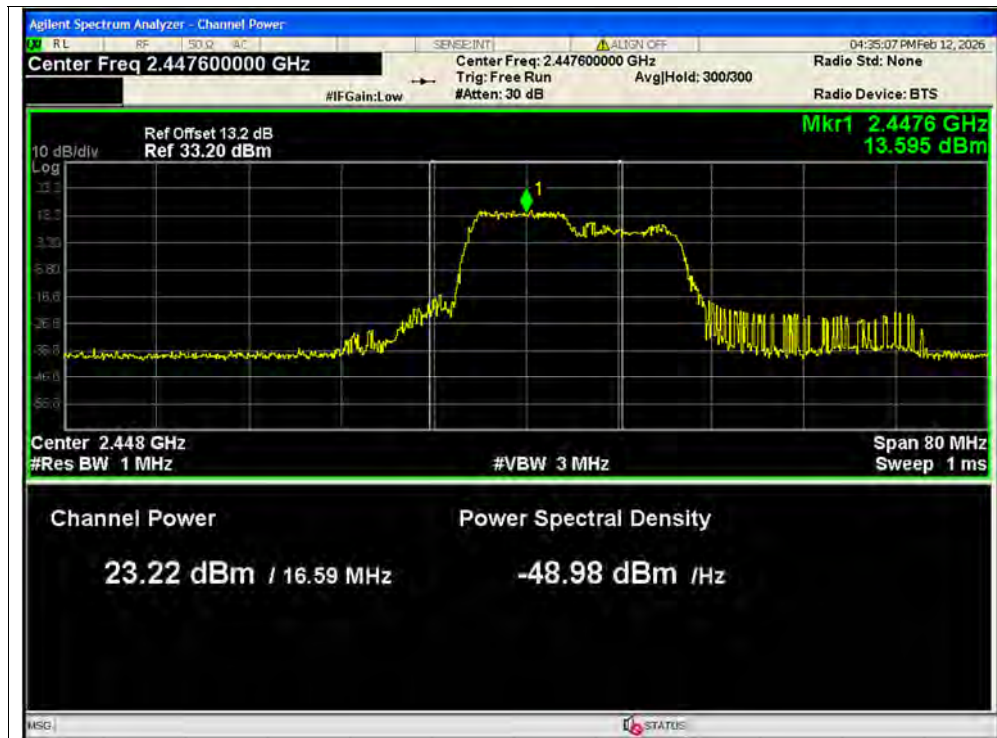
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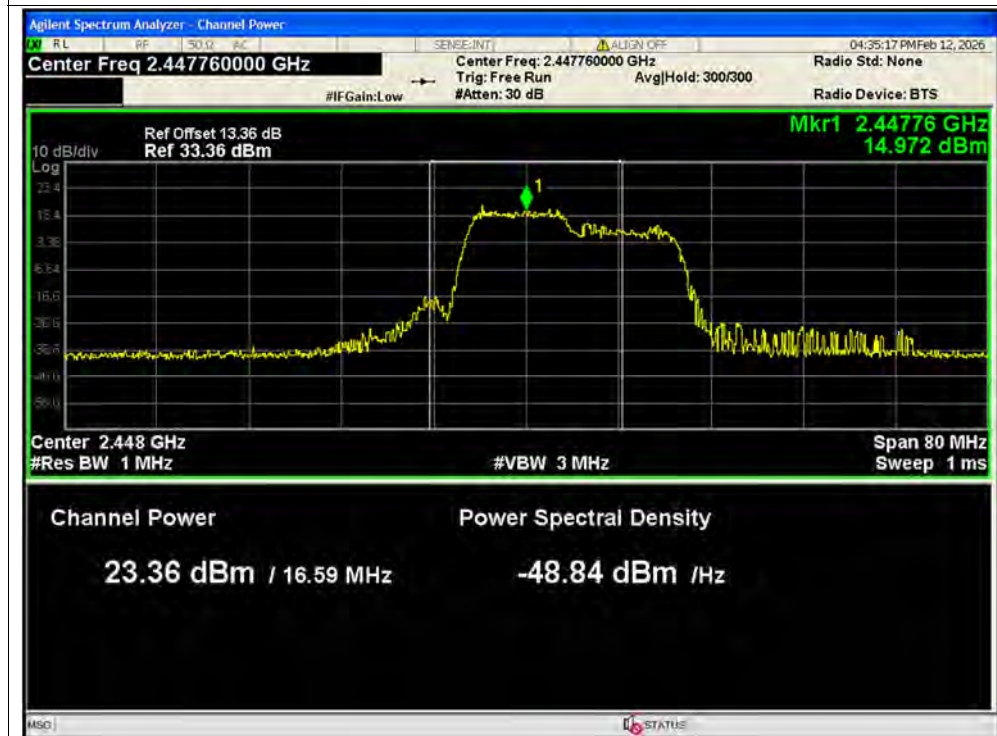
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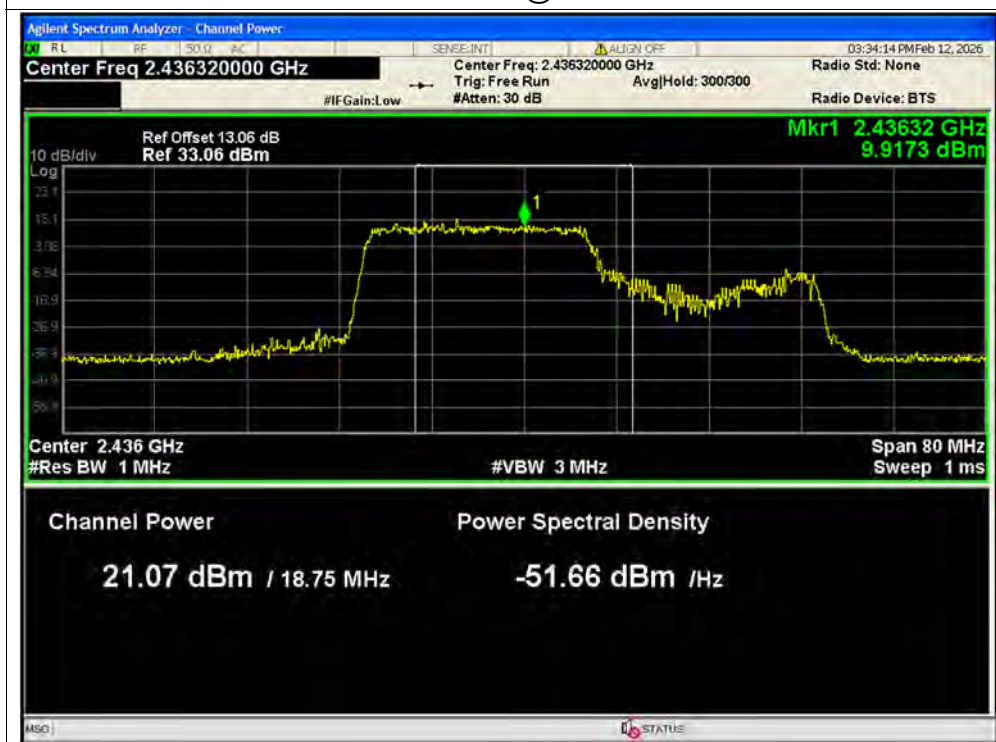
Peak Power NVNT ax40 106@53 2462MHz Ant1 MIMO



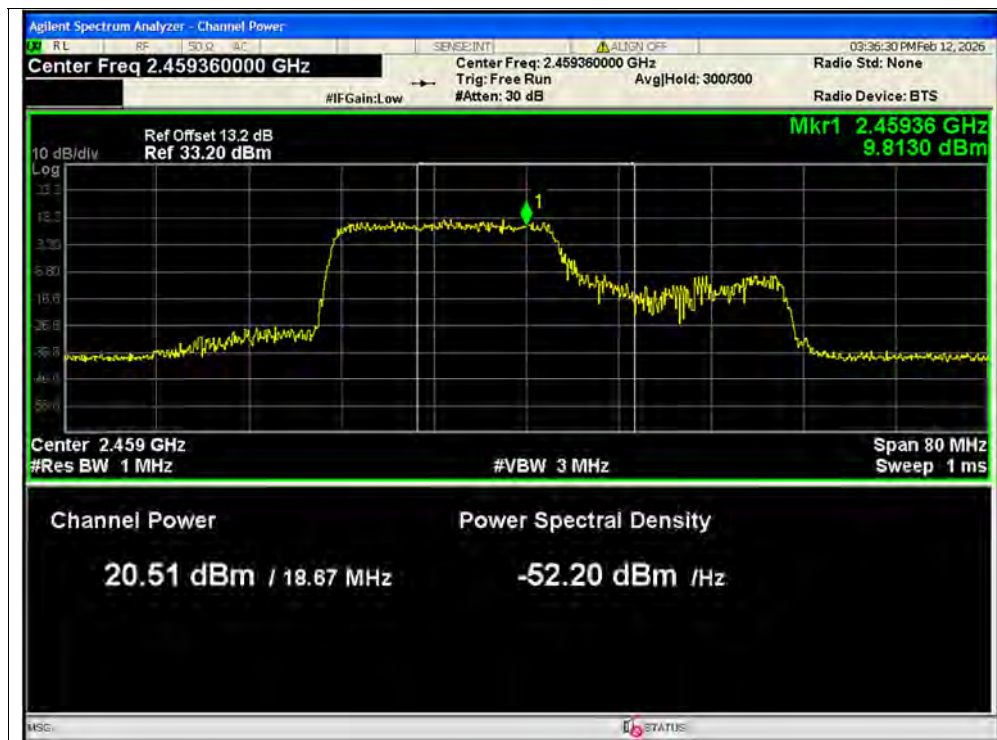
Peak Power NVNT ax40 106@53 2462MHz Ant2 MIMO



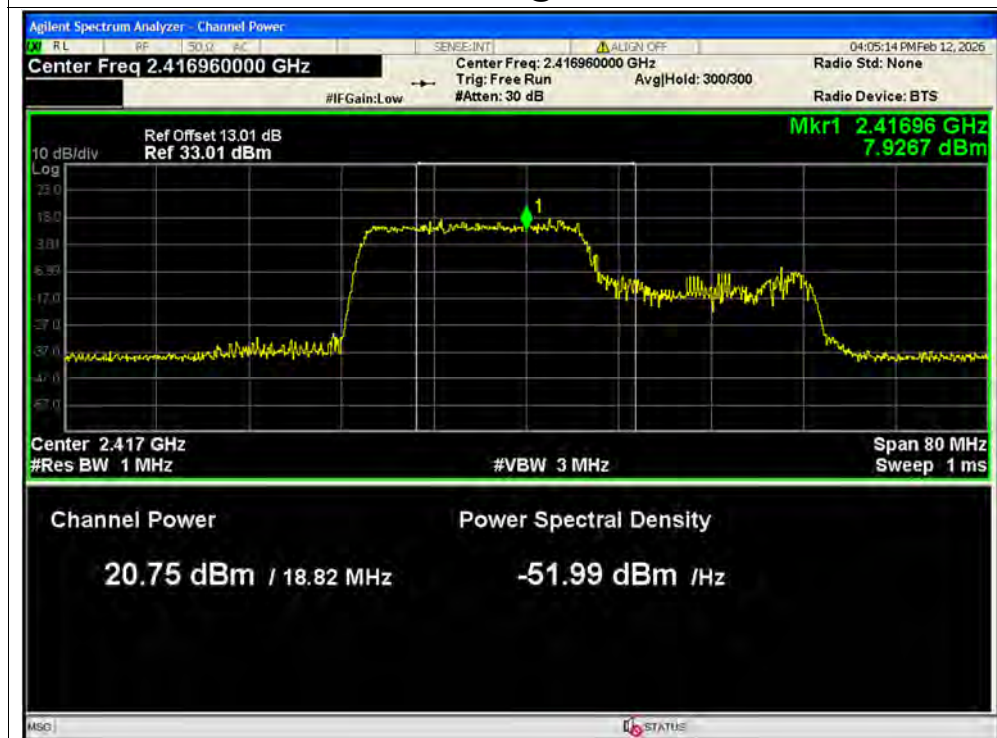
Peak Power NVNT ax40 242@61 2422MHz Ant1 SISO



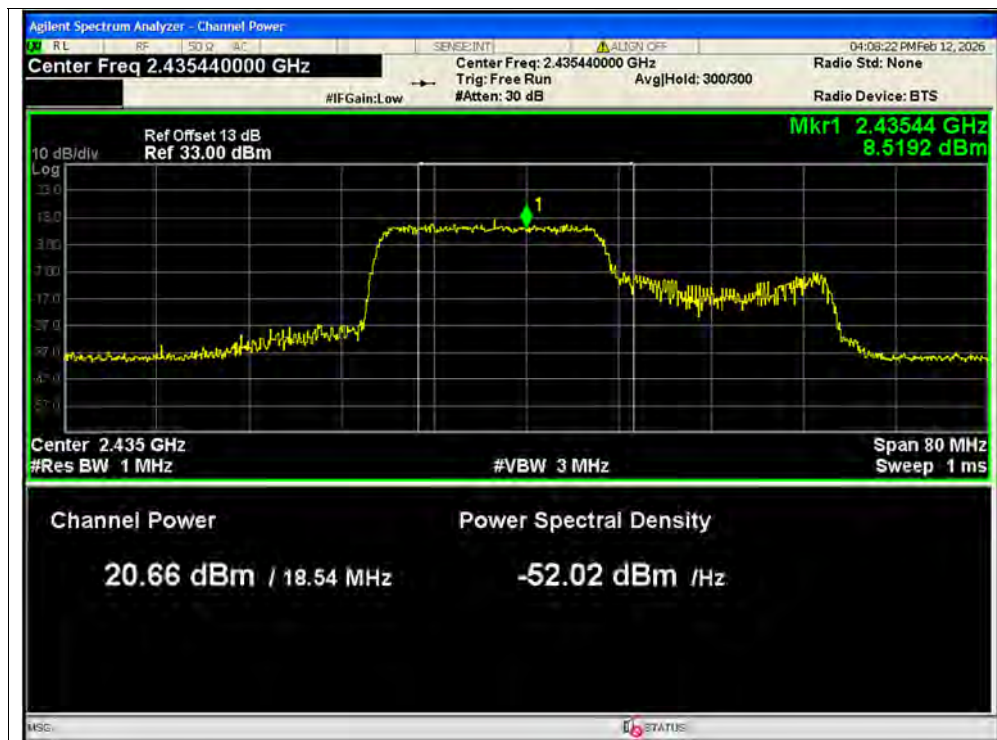
Peak Power NVNT ax40 242@61 2442MHz Ant1 SISO



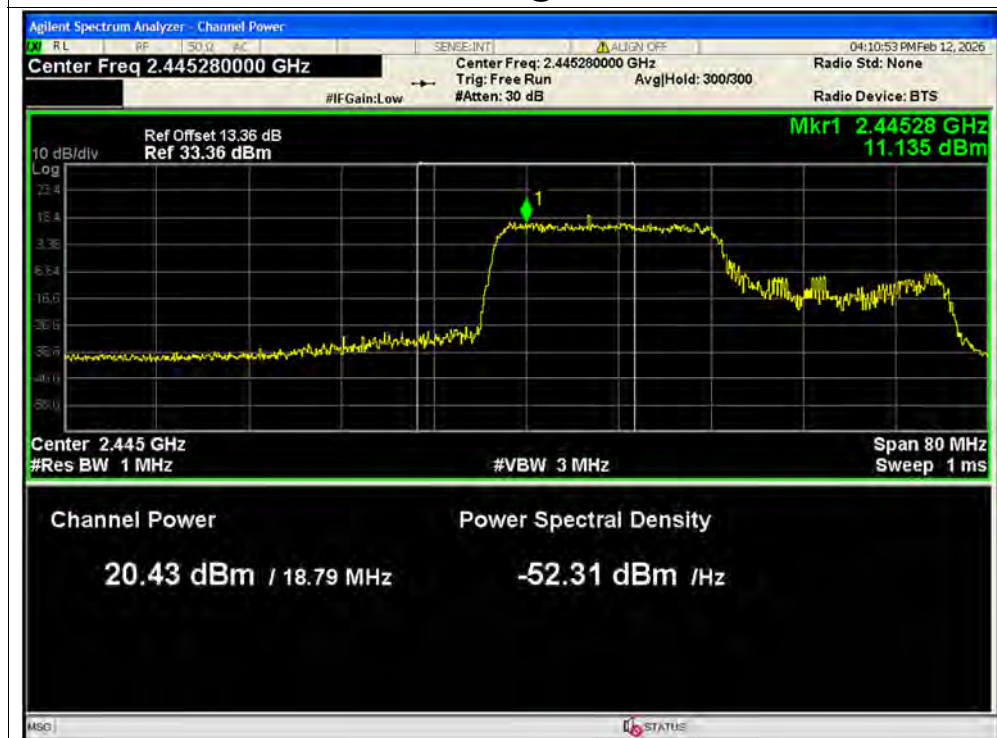
Peak Power NVNT ax40 242@61 2462MHz Ant1 SISO



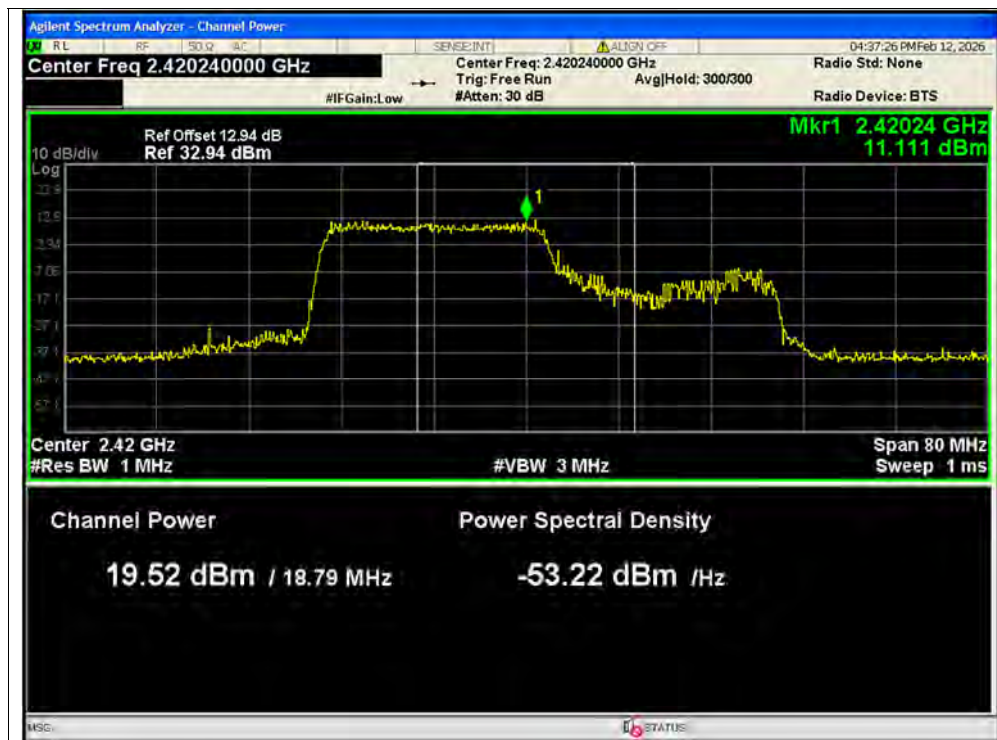
Peak Power NVNT ax40 242@61 2422MHz Ant2 SISO



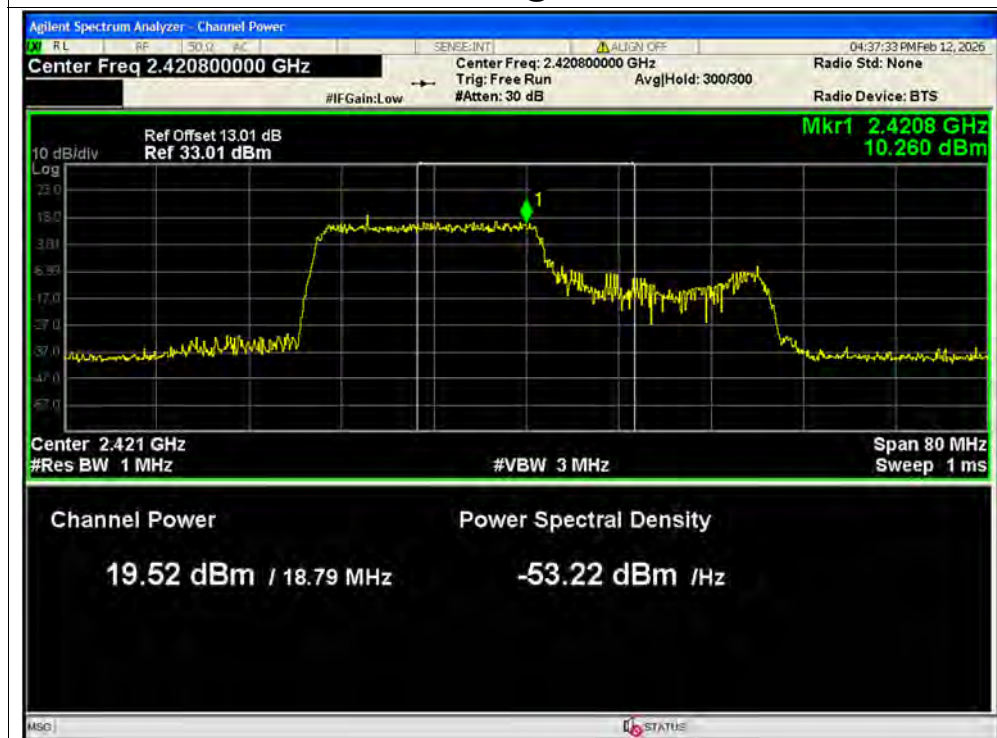
Peak Power NVNT ax40 242@61 2442MHz Ant2 SISO



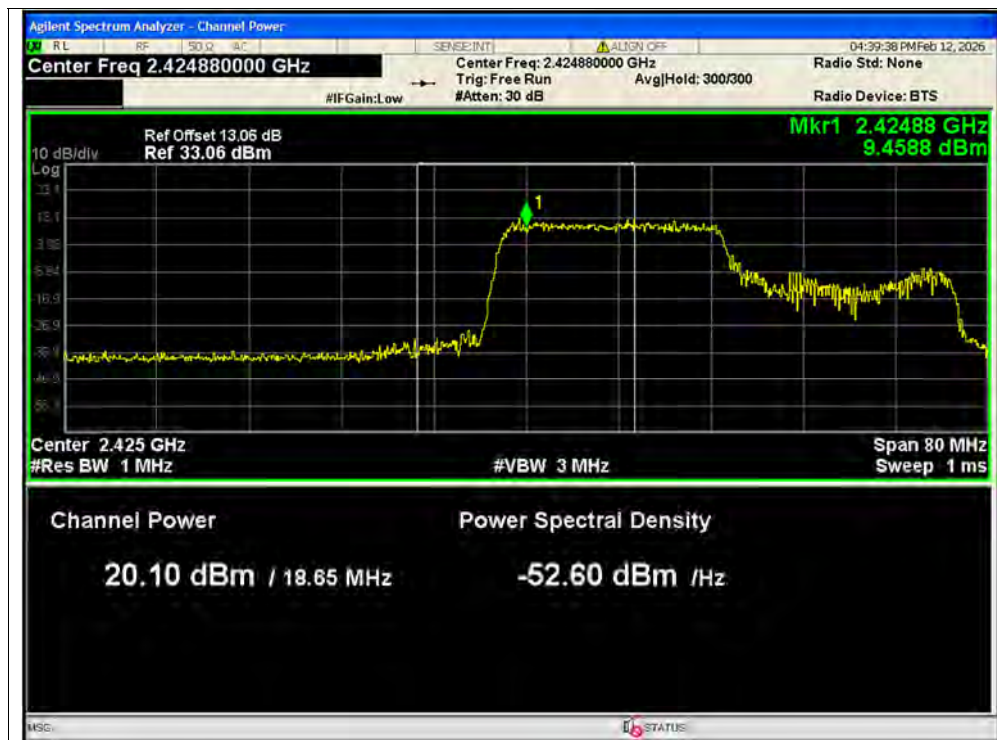
Peak Power NVNT ax40 242@61 2462MHz Ant2 SISO



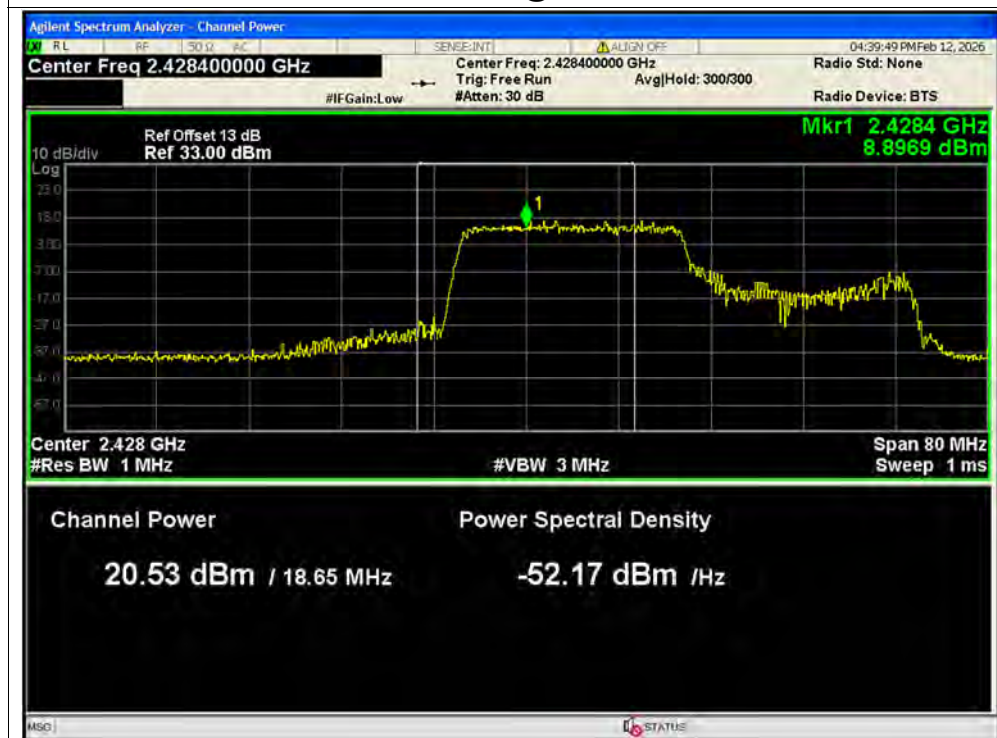
Peak Power NVNT ax40 242@61 2422MHz Ant1 MIMO



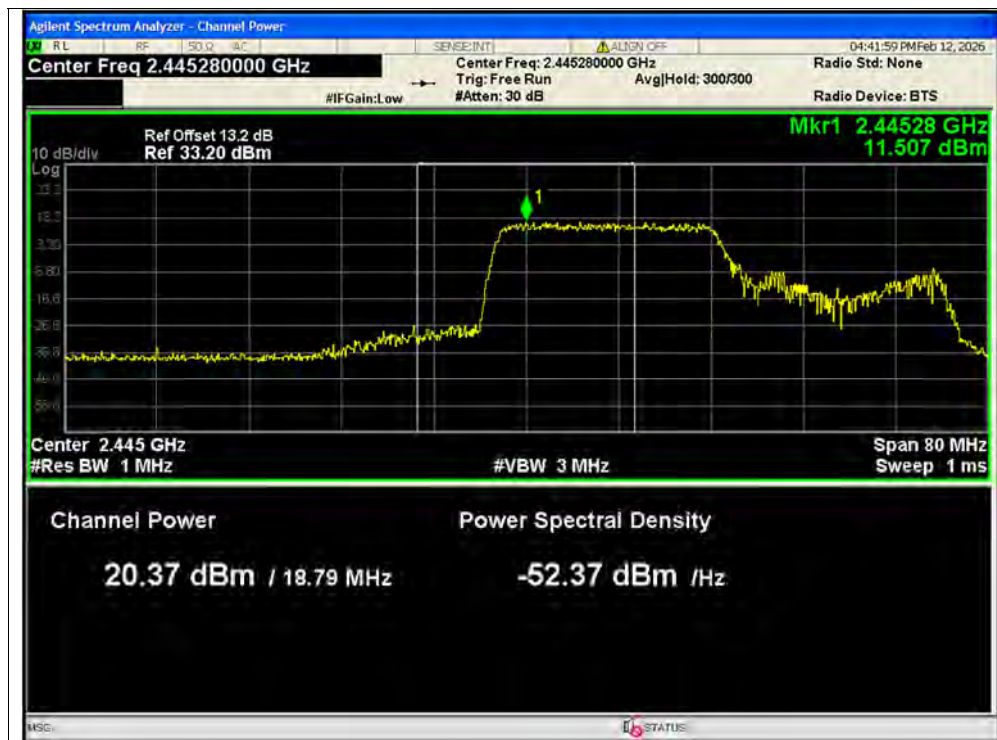
Peak Power NVNT ax40 242@61 2422MHz Ant2 MIMO



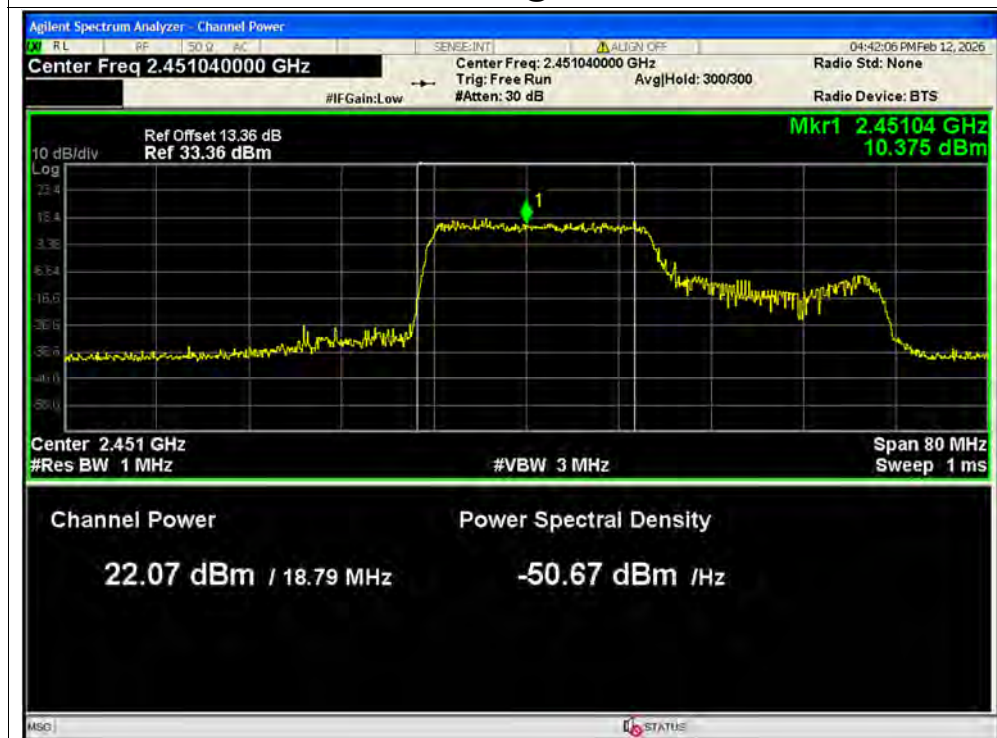
Peak Power NVNT ax40 242@61 2442MHz Ant1 MIMO



Peak Power NVNT ax40 242@61 2442MHz Ant2 MIMO



Peak Power NVNT ax40 242@61 2462MHz Ant1 MIMO



Peak Power NVNT ax40 242@61 2462MHz Ant2 MIMO

**A.3. Maximum Average Conducted Output Power**

| Condition | Mode     | Frequency (MHz) | Antenna | Conducted Power (dBm) | Duty Factor (dB) | Total Conducted Power (dBm) | Total Conducted Power (W) | Limit Conducted (dBm) | Verdict |
|-----------|----------|-----------------|---------|-----------------------|------------------|-----------------------------|---------------------------|-----------------------|---------|
| NVNT      | b SISO   | 2412            | Ant1    | 17.36                 | 0                | 17.36                       | 0.05445                   | 30                    | Pass    |
| NVNT      | b SISO   | 2442            | Ant1    | 17.58                 | 0                | 17.58                       | 0.05728                   | 30                    | Pass    |
| NVNT      | b SISO   | 2472            | Ant1    | 18.14                 | 0                | 18.14                       | 0.06516                   | 30                    | Pass    |
| NVNT      | b SISO   | 2412            | Ant2    | 17.39                 | 0                | 17.39                       | 0.05483                   | 30                    | Pass    |
| NVNT      | b SISO   | 2442            | Ant2    | 16.82                 | 0                | 16.82                       | 0.04808                   | 30                    | Pass    |
| NVNT      | b SISO   | 2472            | Ant2    | 17.11                 | 0                | 17.11                       | 0.0514                    | 30                    | Pass    |
| NVNT      | g SISO   | 2412            | Ant1    | 14.68                 | 0                | 14.68                       | 0.02938                   | 30                    | Pass    |
| NVNT      | g SISO   | 2442            | Ant1    | 14.85                 | 0                | 14.85                       | 0.03055                   | 30                    | Pass    |
| NVNT      | g SISO   | 2472            | Ant1    | 14.89                 | 0                | 14.89                       | 0.03083                   | 30                    | Pass    |
| NVNT      | g SISO   | 2412            | Ant2    | 14.81                 | 0                | 14.81                       | 0.03027                   | 30                    | Pass    |
| NVNT      | g SISO   | 2442            | Ant2    | 14.51                 | 0                | 14.51                       | 0.02825                   | 30                    | Pass    |
| NVNT      | g SISO   | 2472            | Ant2    | 14.44                 | 0                | 14.44                       | 0.0278                    | 30                    | Pass    |
| NVNT      | n20 SISO | 2412            | Ant1    | 13.66                 | 0                | 13.66                       | 0.02323                   | 30                    | Pass    |
| NVNT      | n20 SISO | 2442            | Ant1    | 13.93                 | 0                | 13.93                       | 0.02472                   | 30                    | Pass    |
| NVNT      | n20 SISO | 2472            | Ant1    | 13.91                 | 0                | 13.91                       | 0.0246                    | 30                    | Pass    |
| NVNT      | n20 SISO | 2412            | Ant2    | 13.92                 | 0                | 13.92                       | 0.02466                   | 30                    | Pass    |
| NVNT      | n20 SISO | 2442            | Ant2    | 13.72                 | 0                | 13.72                       | 0.02355                   | 30                    | Pass    |
| NVNT      | n20 SISO | 2472            | Ant2    | 13.79                 | 0                | 13.79                       | 0.02393                   | 30                    | Pass    |
| NVNT      | n20 MIMO | 2412            | Ant1    | 13.34                 | 0                | 13.34                       | 0.02158                   | 30                    | Pass    |
| NVNT      | n20 MIMO | 2412            | Ant2    | 13.22                 | 0                | 13.22                       | 0.02099                   | 30                    | Pass    |
| NVNT      | n20 MIMO | 2412            | Sum     | NaN                   | NaN              | 16.29                       | 0.04257                   | 30                    | Pass    |
| NVNT      | n20 MIMO | 2442            | Ant1    | 13.75                 | 0                | 13.75                       | 0.02371                   | 30                    | Pass    |
| NVNT      | n20      | 2442            | Ant2    | 12.99                 | 0                | 12.99                       | 0.01991                   | 30                    | Pass    |



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|      |              |      |      |       |     |       |         |    |      |
|------|--------------|------|------|-------|-----|-------|---------|----|------|
|      | MIMO         |      |      |       |     |       |         |    |      |
| NVNT | n20<br>MIMO  | 2442 | Sum  | NaN   | NaN | 16.4  | 0.04362 | 30 | Pass |
| NVNT | n20<br>MIMO  | 2472 | Ant1 | 14.05 | 0   | 14.05 | 0.02541 | 30 | Pass |
| NVNT | n20<br>MIMO  | 2472 | Ant2 | 13.35 | 0   | 13.35 | 0.02163 | 30 | Pass |
| NVNT | n20<br>MIMO  | 2472 | Sum  | NaN   | NaN | 16.72 | 0.04704 | 30 | Pass |
| NVNT | ax20<br>SISO | 2412 | Ant1 | 20.27 | 0   | 20.27 | 0.10641 | 30 | Pass |
| NVNT | ax20<br>SISO | 2442 | Ant1 | 19.53 | 0   | 19.53 | 0.08974 | 30 | Pass |
| NVNT | ax20<br>SISO | 2472 | Ant1 | 20.71 | 0   | 20.71 | 0.11776 | 30 | Pass |
| NVNT | ax20<br>SISO | 2412 | Ant2 | 20.55 | 0   | 20.55 | 0.1135  | 30 | Pass |
| NVNT | ax20<br>SISO | 2442 | Ant2 | 19.89 | 0   | 19.89 | 0.0975  | 30 | Pass |
| NVNT | ax20<br>SISO | 2472 | Ant2 | 20.27 | 0   | 20.27 | 0.10641 | 30 | Pass |
| NVNT | ax20<br>MIMO | 2412 | Ant1 | 20.07 | 0   | 20.07 | 0.10162 | 30 | Pass |
| NVNT | ax20<br>MIMO | 2412 | Ant2 | 19.9  | 0   | 19.9  | 0.09772 | 30 | Pass |
| NVNT | ax20<br>MIMO | 2412 | Sum  | NaN   | NaN | 23    | 0.19935 | 30 | Pass |
| NVNT | ax20<br>MIMO | 2442 | Ant1 | 18.34 | 0   | 18.34 | 0.06823 | 30 | Pass |
| NVNT | ax20<br>MIMO | 2442 | Ant2 | 17.7  | 0   | 17.7  | 0.05888 | 30 | Pass |
| NVNT | ax20<br>MIMO | 2442 | Sum  | NaN   | NaN | 21.04 | 0.12712 | 30 | Pass |
| NVNT | ax20<br>MIMO | 2472 | Ant1 | 18.8  | 0   | 18.8  | 0.07586 | 30 | Pass |
| NVNT | ax20<br>MIMO | 2472 | Ant2 | 18.14 | 0   | 18.14 | 0.06516 | 30 | Pass |
| NVNT | ax20<br>MIMO | 2472 | Sum  | NaN   | NaN | 21.49 | 0.14102 | 30 | Pass |



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|      |                      |      |      |       |      |       |         |    |      |
|------|----------------------|------|------|-------|------|-------|---------|----|------|
| NVNT | ax40<br>SISO         | 2422 | Ant1 | 19.83 | 0    | 19.83 | 0.09616 | 30 | Pass |
| NVNT | ax40<br>SISO         | 2442 | Ant1 | 20.59 | 0    | 20.59 | 0.11455 | 30 | Pass |
| NVNT | ax40<br>SISO         | 2462 | Ant1 | 20.59 | 0    | 20.59 | 0.11455 | 30 | Pass |
| NVNT | ax40<br>SISO         | 2422 | Ant2 | 20.8  | 0    | 20.8  | 0.12023 | 30 | Pass |
| NVNT | ax40<br>SISO         | 2442 | Ant2 | 19.95 | 0    | 19.95 | 0.09886 | 30 | Pass |
| NVNT | ax40<br>SISO         | 2462 | Ant2 | 20.73 | 0    | 20.73 | 0.1183  | 30 | Pass |
| NVNT | ax40<br>MIMO         | 2422 | Ant1 | 18.74 | 0    | 18.74 | 0.07482 | 30 | Pass |
| NVNT | ax40<br>MIMO         | 2422 | Ant2 | 18.44 | 0    | 18.44 | 0.06982 | 30 | Pass |
| NVNT | ax40<br>MIMO         | 2422 | Sum  | NaN   | NaN  | 21.6  | 0.14464 | 30 | Pass |
| NVNT | ax40<br>MIMO         | 2442 | Ant1 | 18.79 | 0    | 18.79 | 0.07568 | 30 | Pass |
| NVNT | ax40<br>MIMO         | 2442 | Ant2 | 17.75 | 0    | 17.75 | 0.05957 | 30 | Pass |
| NVNT | ax40<br>MIMO         | 2442 | Sum  | NaN   | NaN  | 21.31 | 0.13525 | 30 | Pass |
| NVNT | ax40<br>MIMO         | 2462 | Ant1 | 18.7  | 0    | 18.7  | 0.07413 | 30 | Pass |
| NVNT | ax40<br>MIMO         | 2462 | Ant2 | 18.46 | 0    | 18.46 | 0.07015 | 30 | Pass |
| NVNT | ax40<br>MIMO         | 2462 | Sum  | NaN   | NaN  | 21.59 | 0.14428 | 30 | Pass |
| NVNT | ax20<br>26@0<br>SISO | 2412 | Ant1 | 14.55 | 1.95 | 16.5  | 0.04467 | 30 | Pass |
| NVNT | ax20<br>26@0<br>SISO | 2442 | Ant1 | 14.05 | 1.95 | 16    | 0.03981 | 30 | Pass |
| NVNT | ax20<br>26@0<br>SISO | 2472 | Ant1 | 15.91 | 1.83 | 17.74 | 0.05943 | 30 | Pass |



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|      |                       |      |      |       |      |       |         |    |      |
|------|-----------------------|------|------|-------|------|-------|---------|----|------|
| NVNT | ax20<br>26@0<br>SISO  | 2412 | Ant2 | 15.01 | 1.9  | 16.91 | 0.04909 | 30 | Pass |
| NVNT | ax20<br>26@0<br>SISO  | 2442 | Ant2 | 13.46 | 1.95 | 15.41 | 0.03475 | 30 | Pass |
| NVNT | ax20<br>26@0<br>SISO  | 2472 | Ant2 | 15.44 | 1.91 | 17.35 | 0.05433 | 30 | Pass |
| NVNT | ax20<br>26@0<br>MIMO  | 2412 | Ant1 | 15.3  | 1.95 | 17.25 | 0.05309 | 30 | Pass |
| NVNT | ax20<br>26@0<br>MIMO  | 2412 | Ant2 | 15.21 | 1.95 | 17.16 | 0.052   | 30 | Pass |
| NVNT | ax20<br>26@0<br>MIMO  | 2412 | Sum  | NaN   | NaN  | 20.22 | 0.10509 | 30 | Pass |
| NVNT | ax20<br>26@0<br>MIMO  | 2442 | Ant1 | 14.94 | 1.88 | 16.82 | 0.04808 | 30 | Pass |
| NVNT | ax20<br>26@0<br>MIMO  | 2442 | Ant2 | 14.22 | 1.88 | 16.1  | 0.04074 | 30 | Pass |
| NVNT | ax20<br>26@0<br>MIMO  | 2442 | Sum  | NaN   | NaN  | 19.49 | 0.08882 | 30 | Pass |
| NVNT | ax20<br>26@0<br>MIMO  | 2472 | Ant1 | 16.34 | 1.93 | 18.27 | 0.06714 | 30 | Pass |
| NVNT | ax20<br>26@0<br>MIMO  | 2472 | Ant2 | 15.42 | 1.93 | 17.35 | 0.05433 | 30 | Pass |
| NVNT | ax20<br>26@0<br>MIMO  | 2472 | Sum  | NaN   | NaN  | 20.84 | 0.12147 | 30 | Pass |
| NVNT | ax20<br>52@37<br>SISO | 2412 | Ant1 | 11.9  | 3.22 | 15.12 | 0.03251 | 30 | Pass |



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|      |                       |      |      |       |      |       |         |    |      |
|------|-----------------------|------|------|-------|------|-------|---------|----|------|
| NVNT | ax20<br>52@37<br>SISO | 2442 | Ant1 | 11.28 | 3.19 | 14.47 | 0.02799 | 30 | Pass |
| NVNT | ax20<br>52@37<br>SISO | 2472 | Ant1 | 13.2  | 3.17 | 16.37 | 0.04335 | 30 | Pass |
| NVNT | ax20<br>52@37<br>SISO | 2412 | Ant2 | 12.55 | 3.19 | 15.74 | 0.0375  | 30 | Pass |
| NVNT | ax20<br>52@37<br>SISO | 2442 | Ant2 | 11.27 | 3.27 | 14.54 | 0.02844 | 30 | Pass |
| NVNT | ax20<br>52@37<br>SISO | 2472 | Ant2 | 12.4  | 3.2  | 15.6  | 0.03631 | 30 | Pass |
| NVNT | ax20<br>52@37<br>MIMO | 2412 | Ant1 | 12.72 | 3.2  | 15.92 | 0.03908 | 30 | Pass |
| NVNT | ax20<br>52@37<br>MIMO | 2412 | Ant2 | 12.27 | 3.2  | 15.47 | 0.03524 | 30 | Pass |
| NVNT | ax20<br>52@37<br>MIMO | 2412 | Sum  | NaN   | NaN  | 18.71 | 0.07432 | 30 | Pass |
| NVNT | ax20<br>52@37<br>MIMO | 2442 | Ant1 | 12.09 | 3.22 | 15.31 | 0.03396 | 30 | Pass |
| NVNT | ax20<br>52@37<br>MIMO | 2442 | Ant2 | 11.04 | 3.22 | 14.26 | 0.02667 | 30 | Pass |
| NVNT | ax20<br>52@37<br>MIMO | 2442 | Sum  | NaN   | NaN  | 17.83 | 0.06063 | 30 | Pass |
| NVNT | ax20<br>52@37<br>MIMO | 2472 | Ant1 | 13.59 | 3.2  | 16.79 | 0.04775 | 30 | Pass |
| NVNT | ax20<br>52@37<br>MIMO | 2472 | Ant2 | 12.69 | 3.2  | 15.89 | 0.03882 | 30 | Pass |



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|      |                        |      |      |       |      |       |         |    |      |
|------|------------------------|------|------|-------|------|-------|---------|----|------|
| NVNT | ax20<br>52@37<br>MIMO  | 2472 | Sum  | NaN   | NaN  | 19.37 | 0.08657 | 30 | Pass |
| NVNT | ax20<br>106@53<br>SISO | 2412 | Ant1 | 9.87  | 4.41 | 14.28 | 0.02679 | 30 | Pass |
| NVNT | ax20<br>106@53<br>SISO | 2442 | Ant1 | 9.98  | 4.89 | 14.87 | 0.03069 | 30 | Pass |
| NVNT | ax20<br>106@53<br>SISO | 2472 | Ant1 | 11.21 | 4.93 | 16.14 | 0.04111 | 30 | Pass |
| NVNT | ax20<br>106@53<br>SISO | 2412 | Ant2 | 9.64  | 7.7  | 17.34 | 0.0542  | 30 | Pass |
| NVNT | ax20<br>106@53<br>SISO | 2442 | Ant2 | 9.24  | 4.93 | 14.17 | 0.02612 | 30 | Pass |
| NVNT | ax20<br>106@53<br>SISO | 2472 | Ant2 | 10.49 | 4.9  | 15.39 | 0.03459 | 30 | Pass |
| NVNT | ax20<br>106@53<br>MIMO | 2412 | Ant1 | 10.22 | 4.91 | 15.13 | 0.03258 | 30 | Pass |
| NVNT | ax20<br>106@53<br>MIMO | 2412 | Ant2 | 9.94  | 4.91 | 14.85 | 0.03055 | 30 | Pass |
| NVNT | ax20<br>106@53<br>MIMO | 2412 | Sum  | NaN   | NaN  | 18    | 0.06313 | 30 | Pass |
| NVNT | ax20<br>106@53<br>MIMO | 2442 | Ant1 | 10.3  | 5.05 | 15.35 | 0.03428 | 30 | Pass |
| NVNT | ax20<br>106@53<br>MIMO | 2442 | Ant2 | 9.03  | 5.05 | 14.08 | 0.02559 | 30 | Pass |
| NVNT | ax20<br>106@53<br>MIMO | 2442 | Sum  | NaN   | NaN  | 17.77 | 0.05986 | 30 | Pass |



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|      |                        |      |      |       |      |       |         |    |      |
|------|------------------------|------|------|-------|------|-------|---------|----|------|
| NVNT | ax20<br>106@53<br>MIMO | 2472 | Ant1 | 10.87 | 4.91 | 15.78 | 0.03784 | 30 | Pass |
| NVNT | ax20<br>106@53<br>MIMO | 2472 | Ant2 | 10.19 | 4.91 | 15.1  | 0.03236 | 30 | Pass |
| NVNT | ax20<br>106@53<br>MIMO | 2472 | Sum  | NaN   | NaN  | 18.46 | 0.0702  | 30 | Pass |
| NVNT | ax40<br>26@0<br>SISO   | 2422 | Ant1 | 14.16 | 1.97 | 16.13 | 0.04102 | 30 | Pass |
| NVNT | ax40<br>26@0<br>SISO   | 2442 | Ant1 | 13.98 | 1.95 | 15.93 | 0.03917 | 30 | Pass |
| NVNT | ax40<br>26@0<br>SISO   | 2462 | Ant1 | 14.91 | 1.95 | 16.86 | 0.04853 | 30 | Pass |
| NVNT | ax40<br>26@0<br>SISO   | 2422 | Ant2 | 13.44 | 1.95 | 15.39 | 0.03459 | 30 | Pass |
| NVNT | ax40<br>26@0<br>SISO   | 2442 | Ant2 | 13.71 | 1.95 | 15.66 | 0.03681 | 30 | Pass |
| NVNT | ax40<br>26@0<br>SISO   | 2462 | Ant2 | 14.67 | 1.97 | 16.64 | 0.04613 | 30 | Pass |
| NVNT | ax40<br>26@0<br>MIMO   | 2422 | Ant1 | 13.95 | 1.93 | 15.88 | 0.03873 | 30 | Pass |
| NVNT | ax40<br>26@0<br>MIMO   | 2422 | Ant2 | 13.63 | 1.93 | 15.56 | 0.03597 | 30 | Pass |
| NVNT | ax40<br>26@0<br>MIMO   | 2422 | Sum  | NaN   | NaN  | 18.73 | 0.0747  | 30 | Pass |
| NVNT | ax40<br>26@0<br>MIMO   | 2442 | Ant1 | 14.97 | 1.9  | 16.87 | 0.04864 | 30 | Pass |



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|      |                       |      |      |       |      |       |         |    |      |
|------|-----------------------|------|------|-------|------|-------|---------|----|------|
| NVNT | ax40<br>26@0<br>MIMO  | 2442 | Ant2 | 13.99 | 1.9  | 15.89 | 0.03882 | 30 | Pass |
| NVNT | ax40<br>26@0<br>MIMO  | 2442 | Sum  | NaN   | NaN  | 19.42 | 0.08746 | 30 | Pass |
| NVNT | ax40<br>26@0<br>MIMO  | 2462 | Ant1 | 14.71 | 1.85 | 16.56 | 0.04529 | 30 | Pass |
| NVNT | ax40<br>26@0<br>MIMO  | 2462 | Ant2 | 14.21 | 1.85 | 16.06 | 0.04036 | 30 | Pass |
| NVNT | ax40<br>26@0<br>MIMO  | 2462 | Sum  | NaN   | NaN  | 19.33 | 0.08565 | 30 | Pass |
| NVNT | ax40<br>52@37<br>SISO | 2422 | Ant1 | 11.58 | 3.21 | 14.79 | 0.03013 | 30 | Pass |
| NVNT | ax40<br>52@37<br>SISO | 2442 | Ant1 | 11.98 | 3.2  | 15.18 | 0.03296 | 30 | Pass |
| NVNT | ax40<br>52@37<br>SISO | 2462 | Ant1 | 11.88 | 3.19 | 15.07 | 0.03214 | 30 | Pass |
| NVNT | ax40<br>52@37<br>SISO | 2422 | Ant2 | 11.1  | 3.19 | 14.29 | 0.02685 | 30 | Pass |
| NVNT | ax40<br>52@37<br>SISO | 2442 | Ant2 | 11.2  | 3.22 | 14.42 | 0.02767 | 30 | Pass |
| NVNT | ax40<br>52@37<br>SISO | 2462 | Ant2 | 12.08 | 3.2  | 15.28 | 0.03373 | 30 | Pass |
| NVNT | ax40<br>52@37<br>MIMO | 2422 | Ant1 | 11.52 | 3.26 | 14.78 | 0.03006 | 30 | Pass |
| NVNT | ax40<br>52@37<br>MIMO | 2422 | Ant2 | 11.3  | 3.26 | 14.56 | 0.02858 | 30 | Pass |



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|      |                        |      |      |       |      |       |         |    |      |
|------|------------------------|------|------|-------|------|-------|---------|----|------|
| NVNT | ax40<br>52@37<br>MIMO  | 2422 | Sum  | NaN   | NaN  | 17.68 | 0.05864 | 30 | Pass |
| NVNT | ax40<br>52@37<br>MIMO  | 2442 | Ant1 | 11.79 | 3.19 | 14.98 | 0.03148 | 30 | Pass |
| NVNT | ax40<br>52@37<br>MIMO  | 2442 | Ant2 | 11.51 | 3.19 | 14.7  | 0.02951 | 30 | Pass |
| NVNT | ax40<br>52@37<br>MIMO  | 2442 | Sum  | NaN   | NaN  | 17.85 | 0.06099 | 30 | Pass |
| NVNT | ax40<br>52@37<br>MIMO  | 2462 | Ant1 | 12.19 | 3.2  | 15.39 | 0.03459 | 30 | Pass |
| NVNT | ax40<br>52@37<br>MIMO  | 2462 | Ant2 | 11.95 | 3.2  | 15.15 | 0.03273 | 30 | Pass |
| NVNT | ax40<br>52@37<br>MIMO  | 2462 | Sum  | NaN   | NaN  | 18.28 | 0.06733 | 30 | Pass |
| NVNT | ax40<br>106@53<br>SISO | 2422 | Ant1 | 9.91  | 4.94 | 14.85 | 0.03055 | 30 | Pass |
| NVNT | ax40<br>106@53<br>SISO | 2442 | Ant1 | 10.53 | 4.9  | 15.43 | 0.03491 | 30 | Pass |
| NVNT | ax40<br>106@53<br>SISO | 2462 | Ant1 | 10.57 | 4.9  | 15.47 | 0.03524 | 30 | Pass |
| NVNT | ax40<br>106@53<br>SISO | 2422 | Ant2 | 8.96  | 4.9  | 13.86 | 0.02432 | 30 | Pass |
| NVNT | ax40<br>106@53<br>SISO | 2442 | Ant2 | 9.47  | 4.93 | 14.4  | 0.02754 | 30 | Pass |
| NVNT | ax40<br>106@53<br>SISO | 2462 | Ant2 | 10.07 | 7.75 | 17.82 | 0.06053 | 30 | Pass |



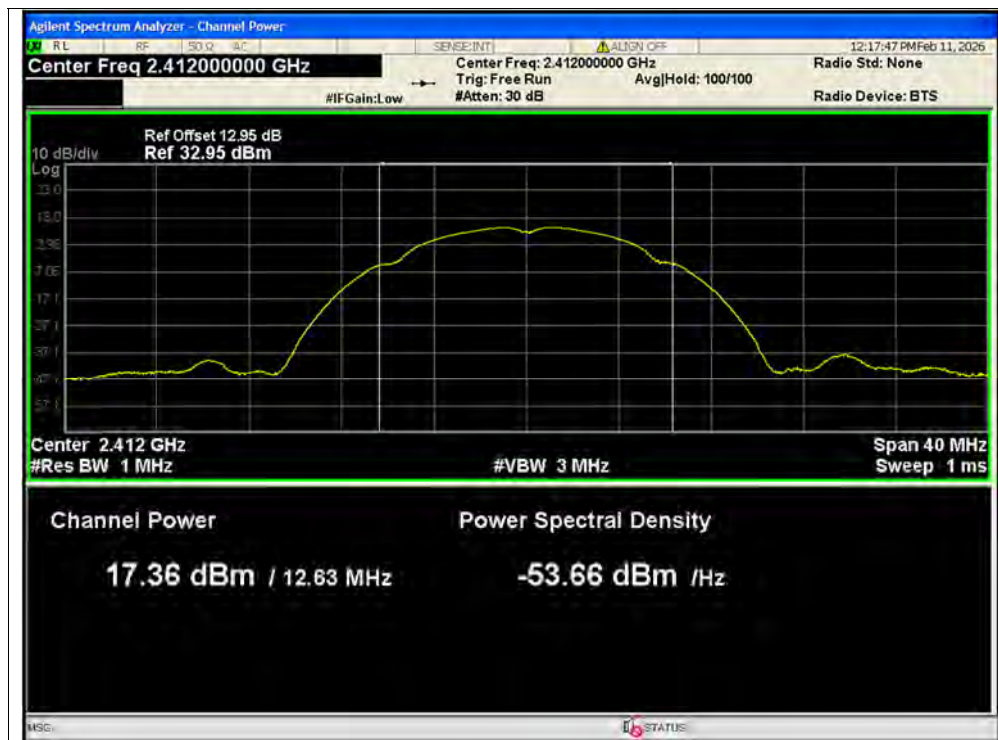
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|      |                        |      |      |       |      |       |         |    |      |
|------|------------------------|------|------|-------|------|-------|---------|----|------|
| NVNT | ax40<br>106@53<br>MIMO | 2422 | Ant1 | 9.6   | 4.9  | 14.5  | 0.02818 | 30 | Pass |
| NVNT | ax40<br>106@53<br>MIMO | 2422 | Ant2 | 9.14  | 4.9  | 14.04 | 0.02535 | 30 | Pass |
| NVNT | ax40<br>106@53<br>MIMO | 2422 | Sum  | NaN   | NaN  | 17.29 | 0.05354 | 30 | Pass |
| NVNT | ax40<br>106@53<br>MIMO | 2442 | Ant1 | 10.57 | 4.93 | 15.5  | 0.03548 | 30 | Pass |
| NVNT | ax40<br>106@53<br>MIMO | 2442 | Ant2 | 9.76  | 4.93 | 14.69 | 0.02944 | 30 | Pass |
| NVNT | ax40<br>106@53<br>MIMO | 2442 | Sum  | NaN   | NaN  | 18.12 | 0.06493 | 30 | Pass |
| NVNT | ax40<br>106@53<br>MIMO | 2462 | Ant1 | 9.91  | 4.93 | 14.84 | 0.03048 | 30 | Pass |
| NVNT | ax40<br>106@53<br>MIMO | 2462 | Ant2 | 10.32 | 4.93 | 15.25 | 0.0335  | 30 | Pass |
| NVNT | ax40<br>106@53<br>MIMO | 2462 | Sum  | NaN   | NaN  | 18.06 | 0.06398 | 30 | Pass |
| NVNT | ax40<br>242@61<br>SISO | 2422 | Ant1 | 5.16  | 7.6  | 12.76 | 0.01888 | 30 | Pass |
| NVNT | ax40<br>242@61<br>SISO | 2442 | Ant1 | 6.08  | 7.57 | 13.65 | 0.02317 | 30 | Pass |
| NVNT | ax40<br>242@61<br>SISO | 2462 | Ant1 | 5.53  | 7.57 | 13.1  | 0.02042 | 30 | Pass |
| NVNT | ax40<br>242@61<br>SISO | 2422 | Ant2 | 4.66  | 7.57 | 12.23 | 0.01671 | 30 | Pass |

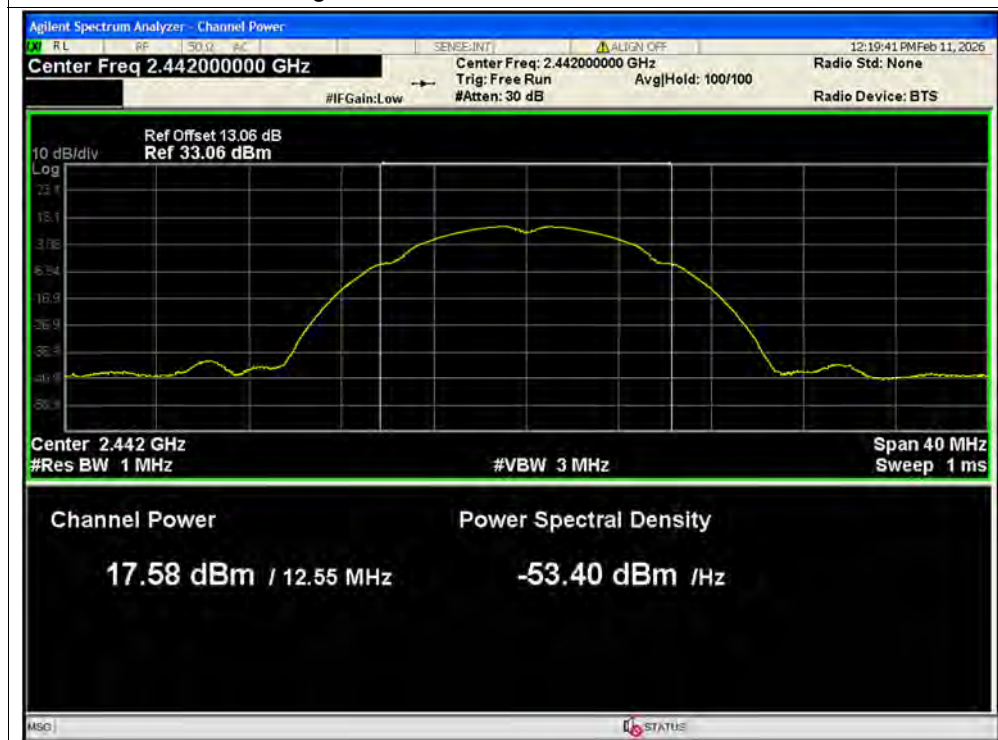


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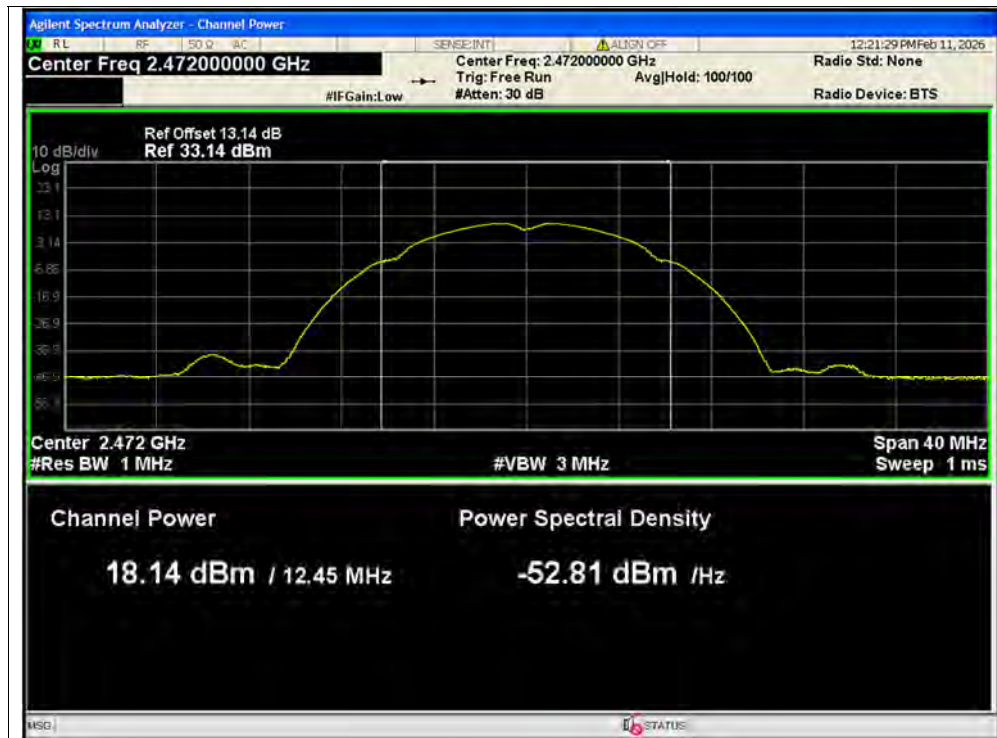
|      |                        |      |      |      |      |       |         |    |      |
|------|------------------------|------|------|------|------|-------|---------|----|------|
| NVNT | ax40<br>242@61<br>SISO | 2442 | Ant2 | 4.99 | 7.54 | 12.53 | 0.01791 | 30 | Pass |
| NVNT | ax40<br>242@61<br>SISO | 2462 | Ant2 | 6.28 | 7.54 | 13.82 | 0.0241  | 30 | Pass |
| NVNT | ax40<br>242@61<br>MIMO | 2422 | Ant1 | 5.78 | 7.7  | 13.48 | 0.02228 | 30 | Pass |
| NVNT | ax40<br>242@61<br>MIMO | 2422 | Ant2 | 7    | 7.7  | 14.7  | 0.02951 | 30 | Pass |
| NVNT | ax40<br>242@61<br>MIMO | 2422 | Sum  | NaN  | NaN  | 17.14 | 0.0518  | 30 | Pass |
| NVNT | ax40<br>242@61<br>MIMO | 2442 | Ant1 | 7.14 | 7.57 | 14.71 | 0.02958 | 30 | Pass |
| NVNT | ax40<br>242@61<br>MIMO | 2442 | Ant2 | 5.27 | 7.57 | 12.84 | 0.01923 | 30 | Pass |
| NVNT | ax40<br>242@61<br>MIMO | 2442 | Sum  | NaN  | NaN  | 16.89 | 0.04881 | 30 | Pass |
| NVNT | ax40<br>242@61<br>MIMO | 2462 | Ant1 | 5.1  | 7.57 | 12.67 | 0.01849 | 30 | Pass |
| NVNT | ax40<br>242@61<br>MIMO | 2462 | Ant2 | 6.81 | 7.57 | 14.38 | 0.02742 | 30 | Pass |
| NVNT | ax40<br>242@61<br>MIMO | 2462 | Sum  | NaN  | NaN  | 16.62 | 0.04591 | 30 | Pass |



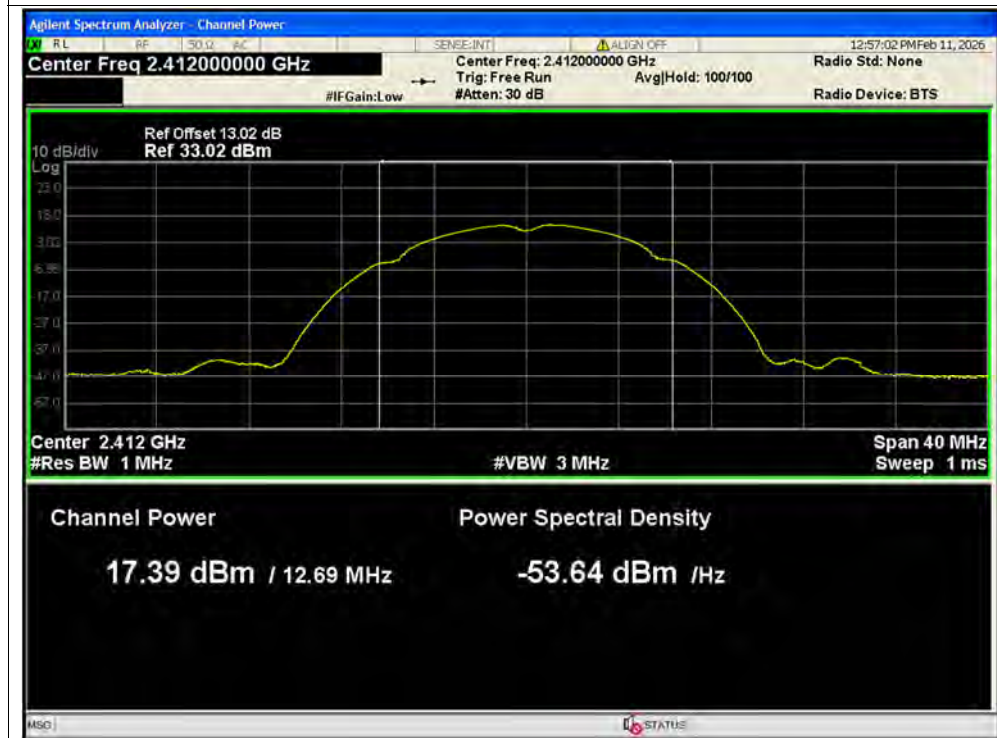
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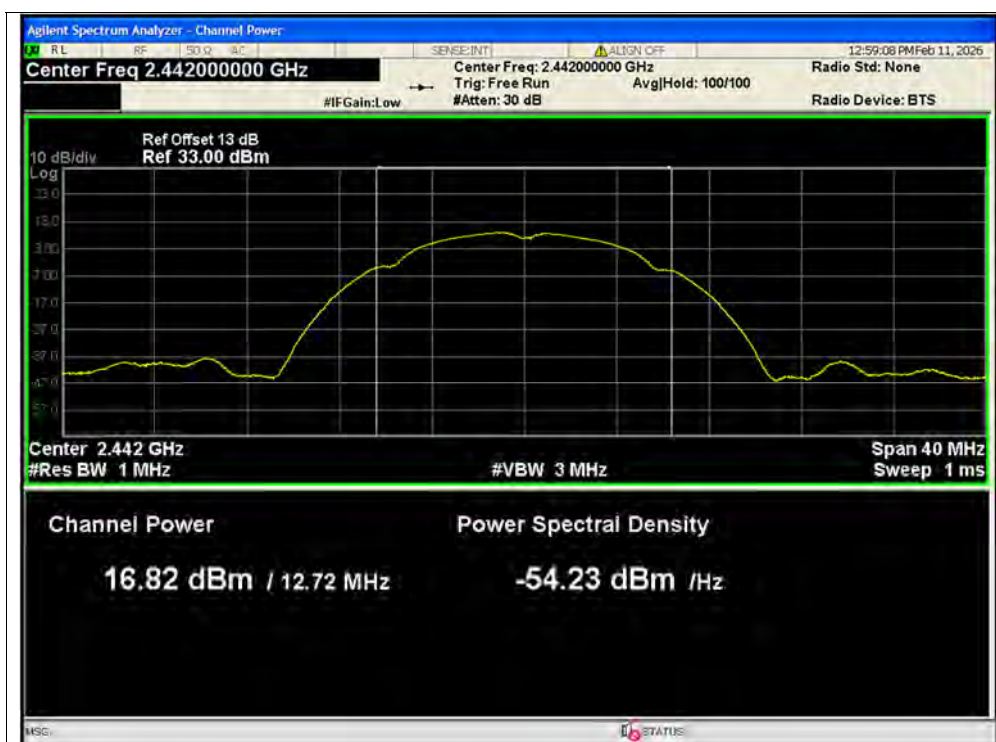
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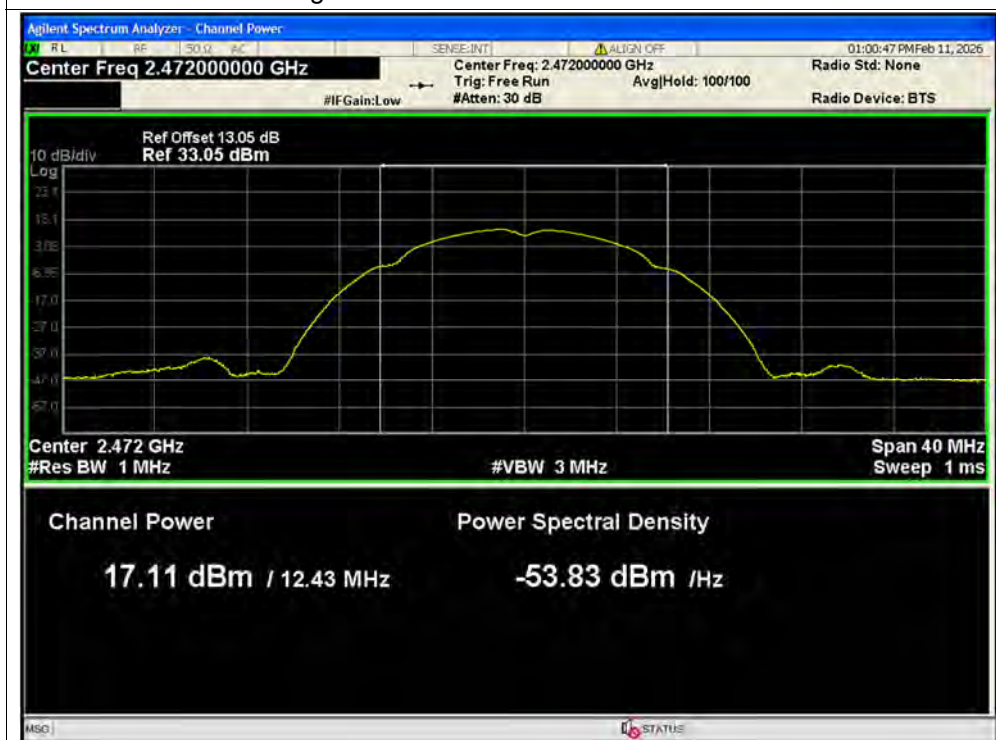
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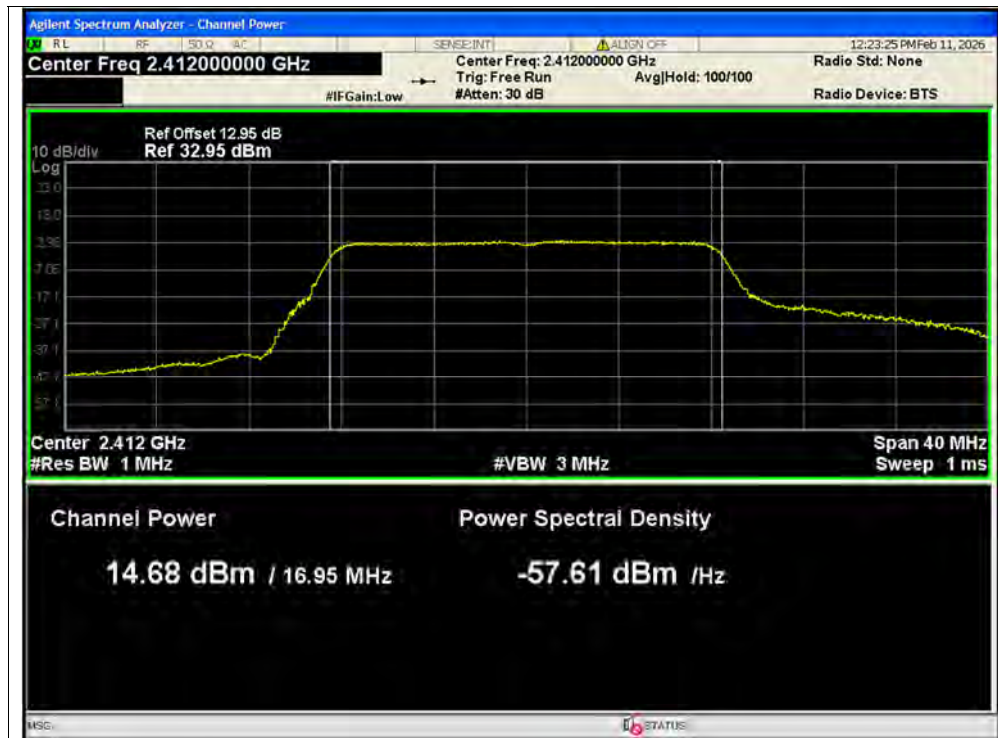
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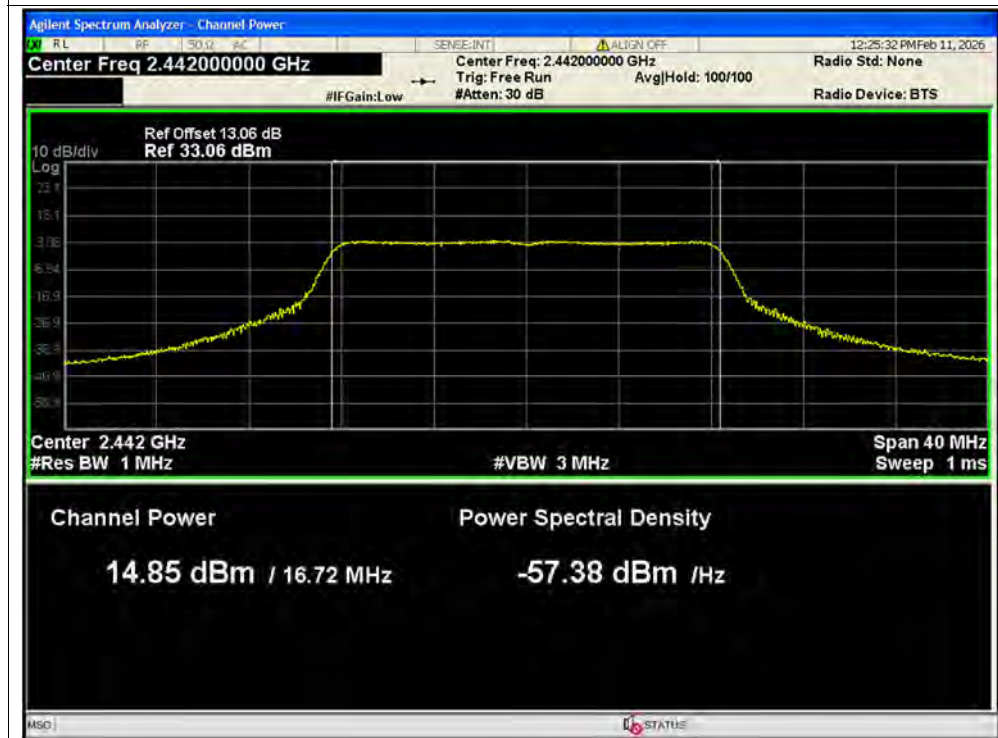
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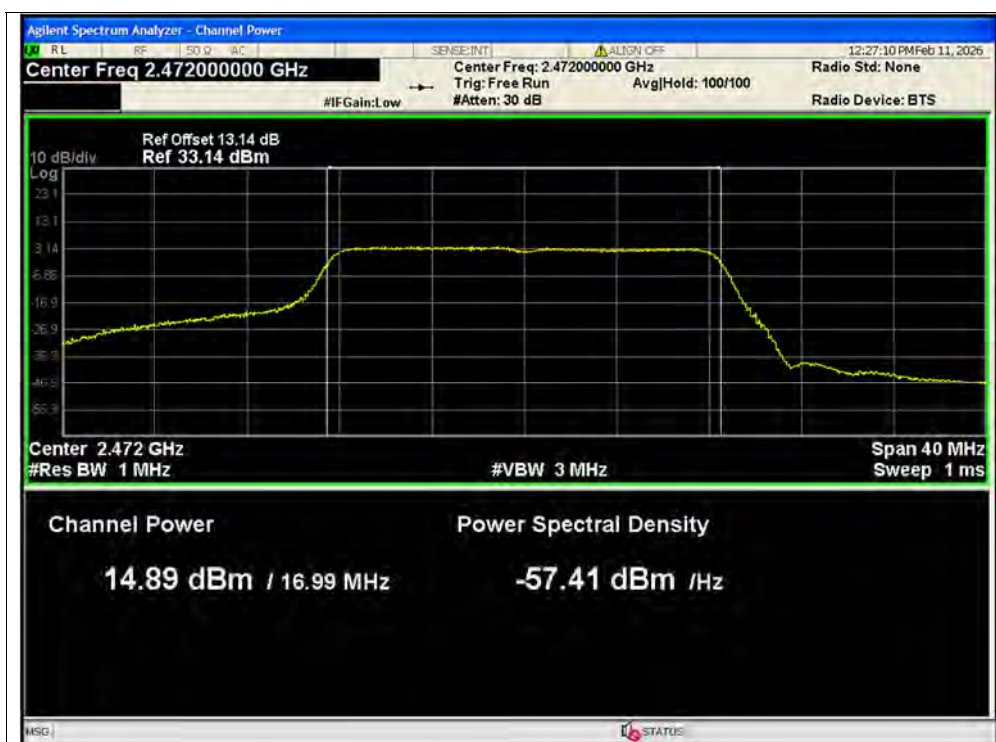
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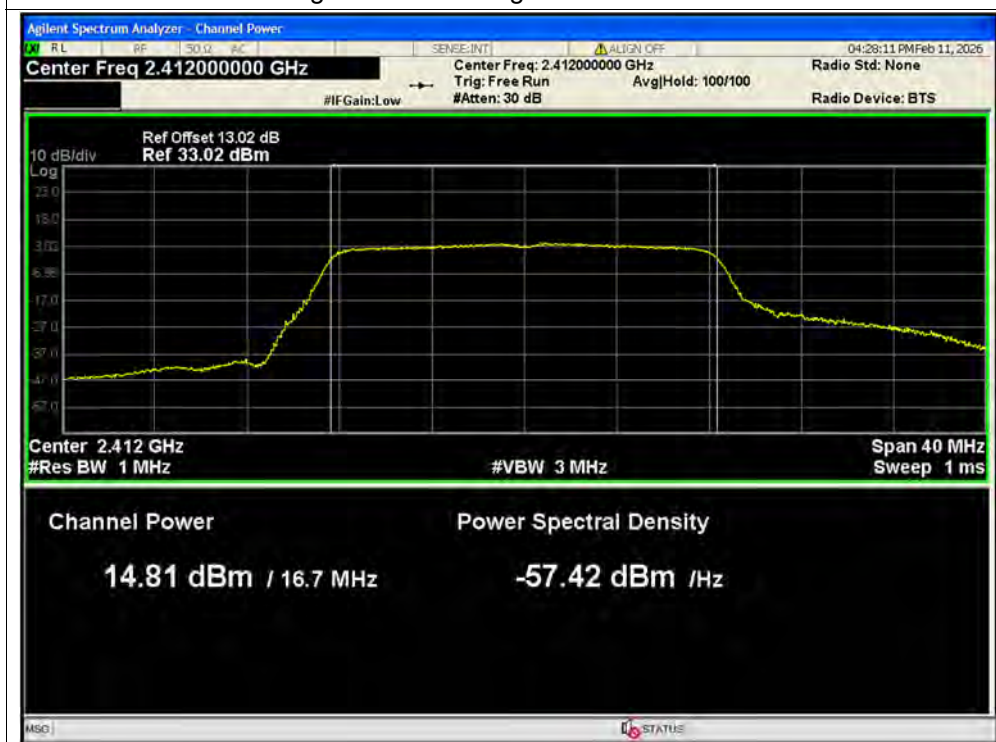
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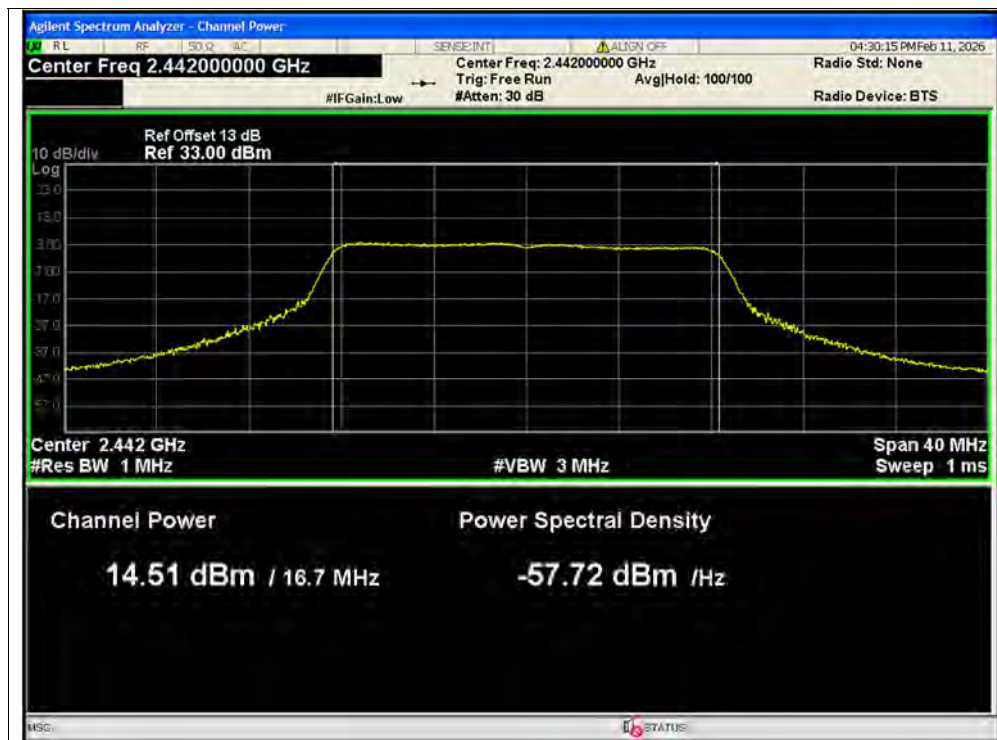
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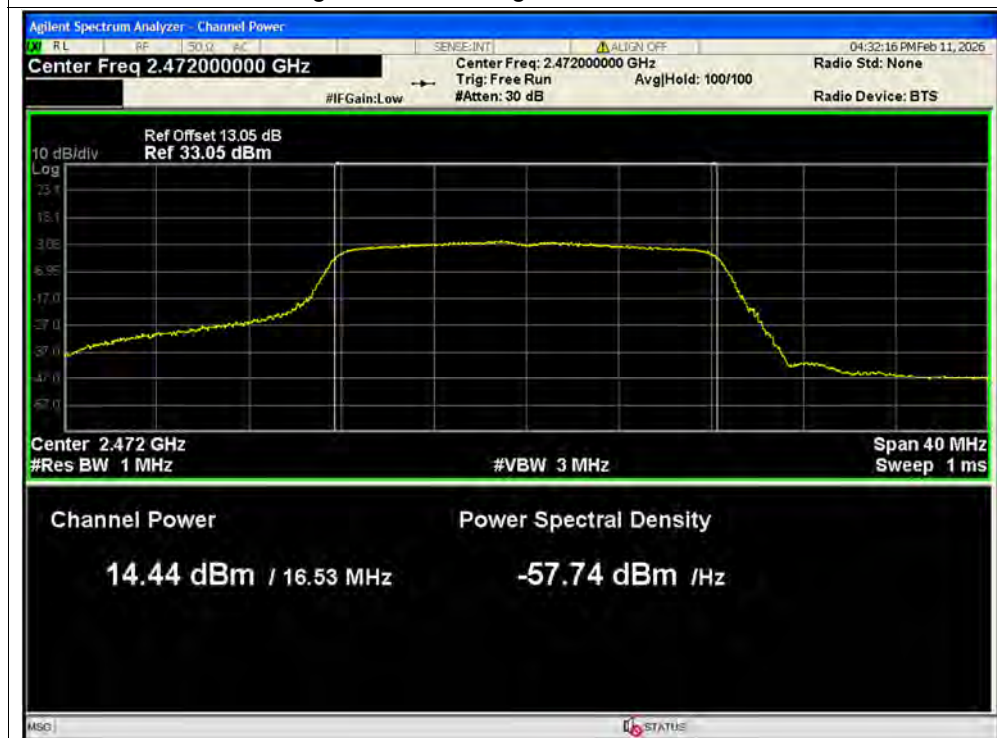
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Average Power NVNT g 2412MHz Ant2 SISO



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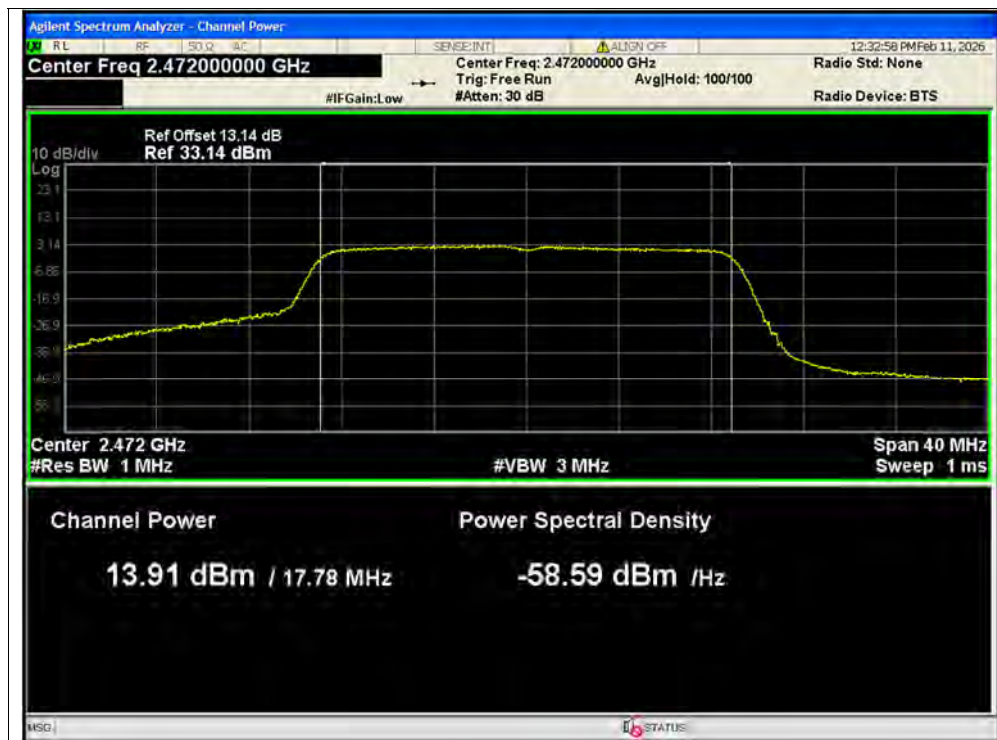
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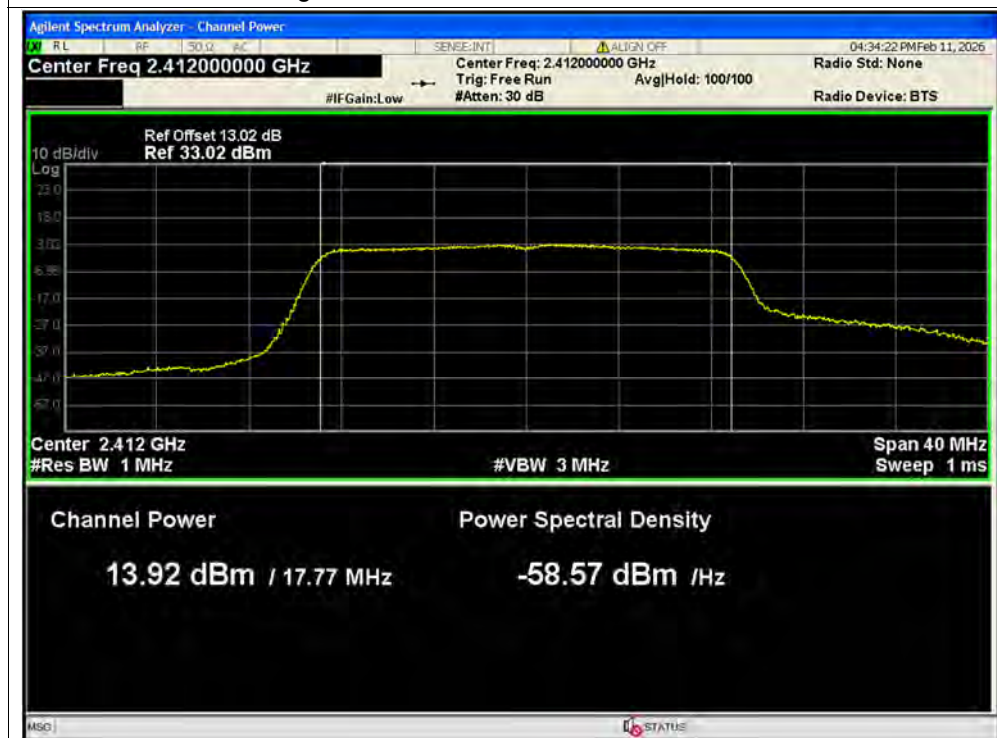
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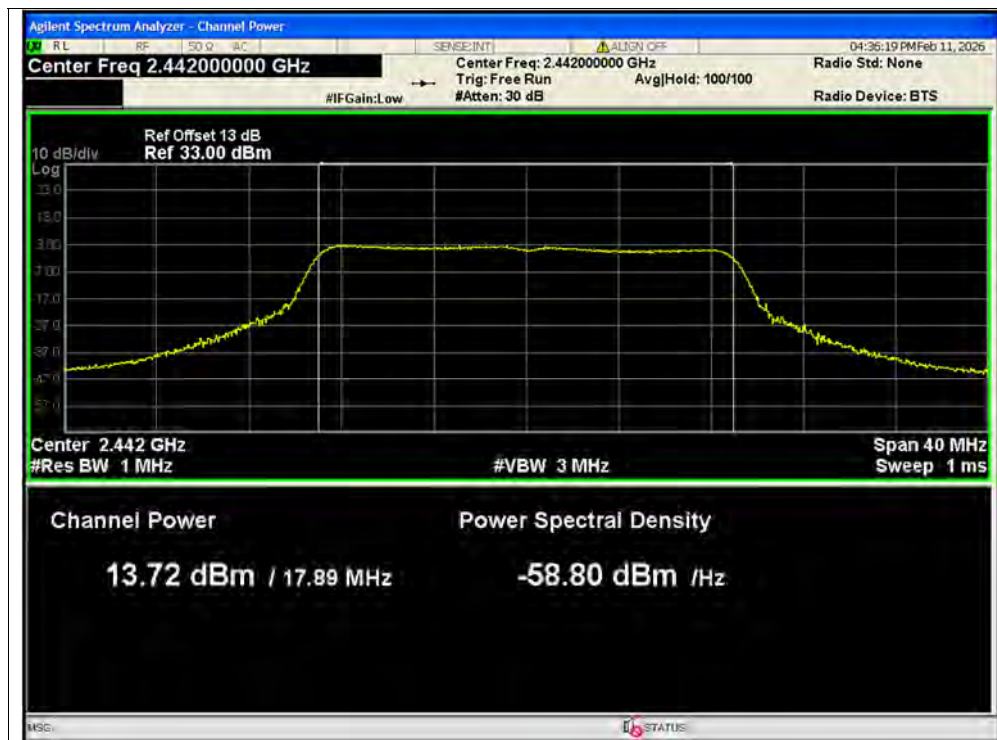
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Average Power NVNT n20 2472MHz Ant1 SISO



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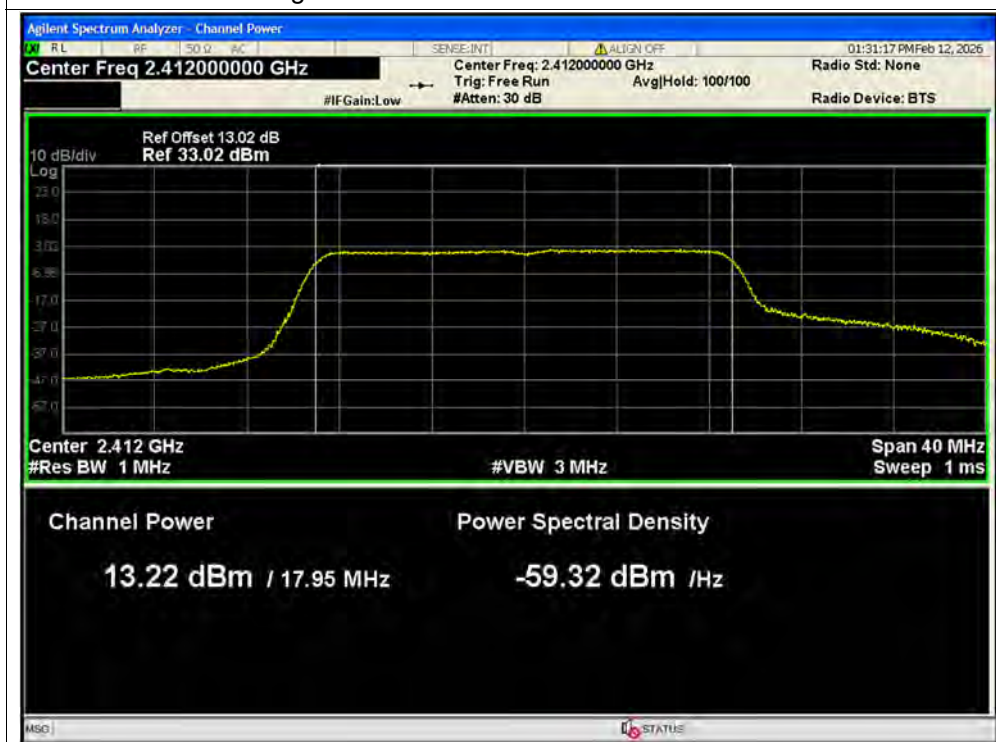
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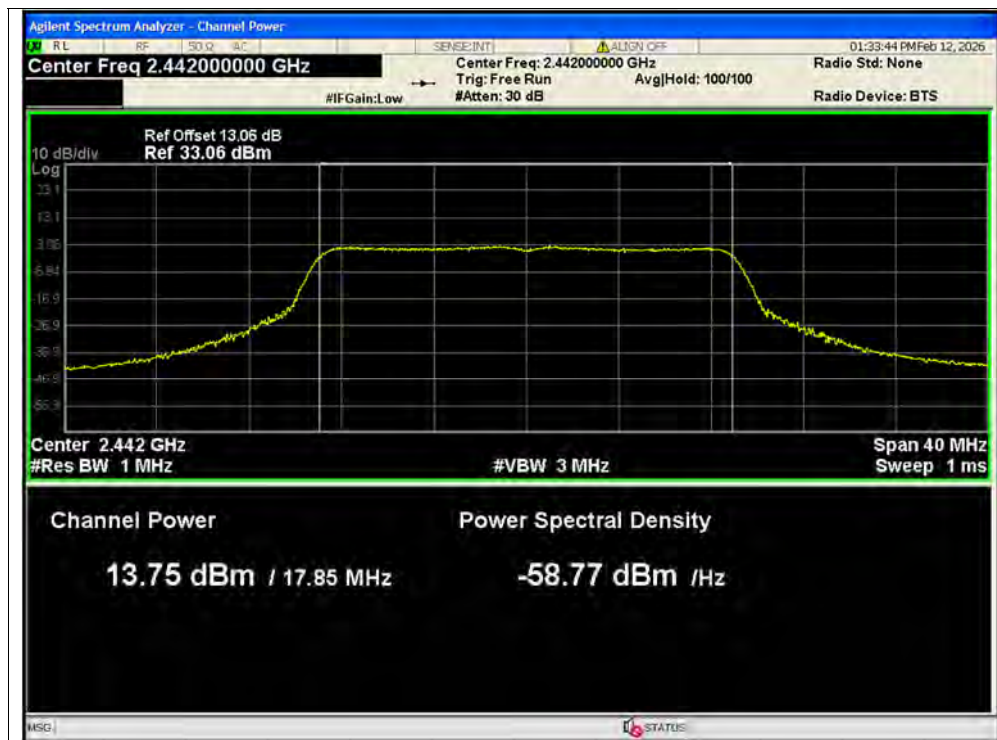
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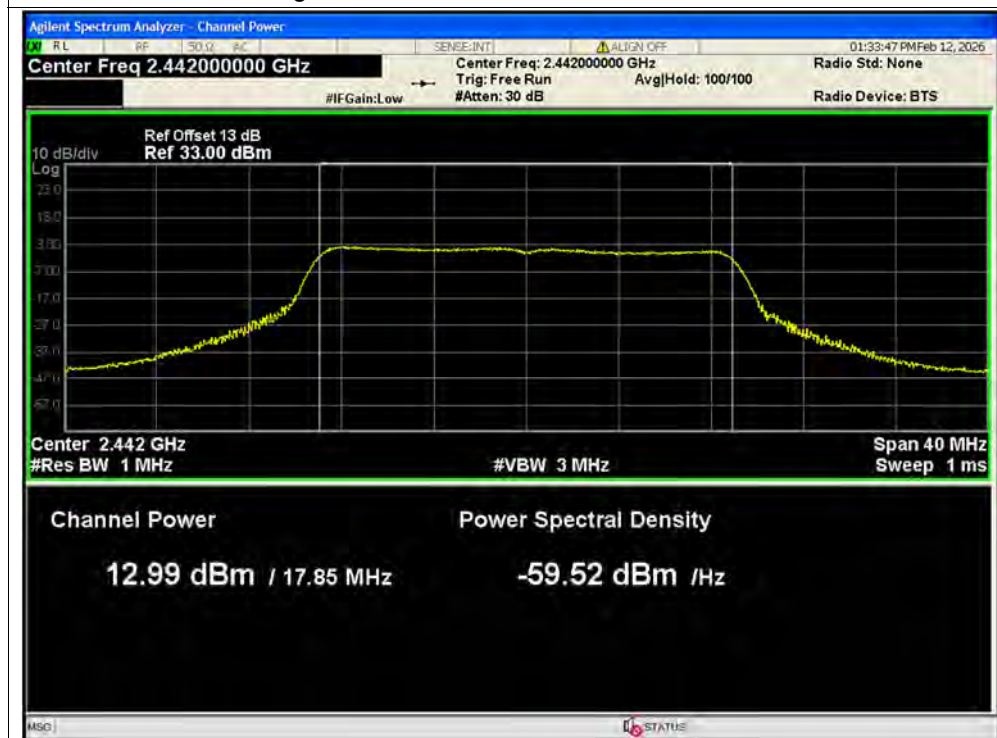
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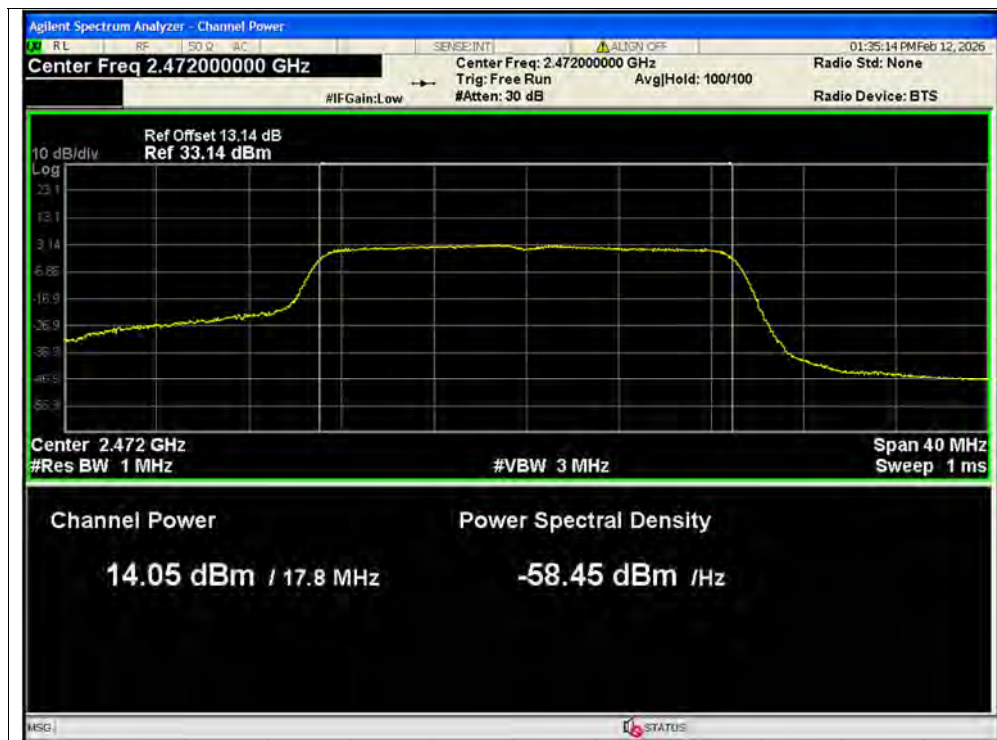
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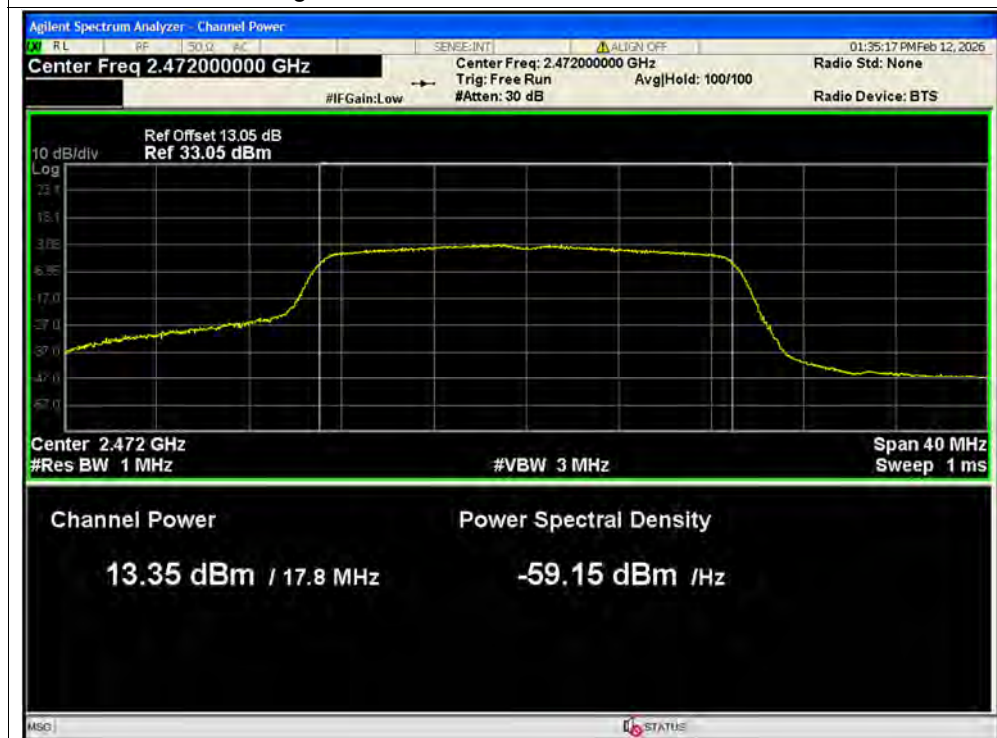
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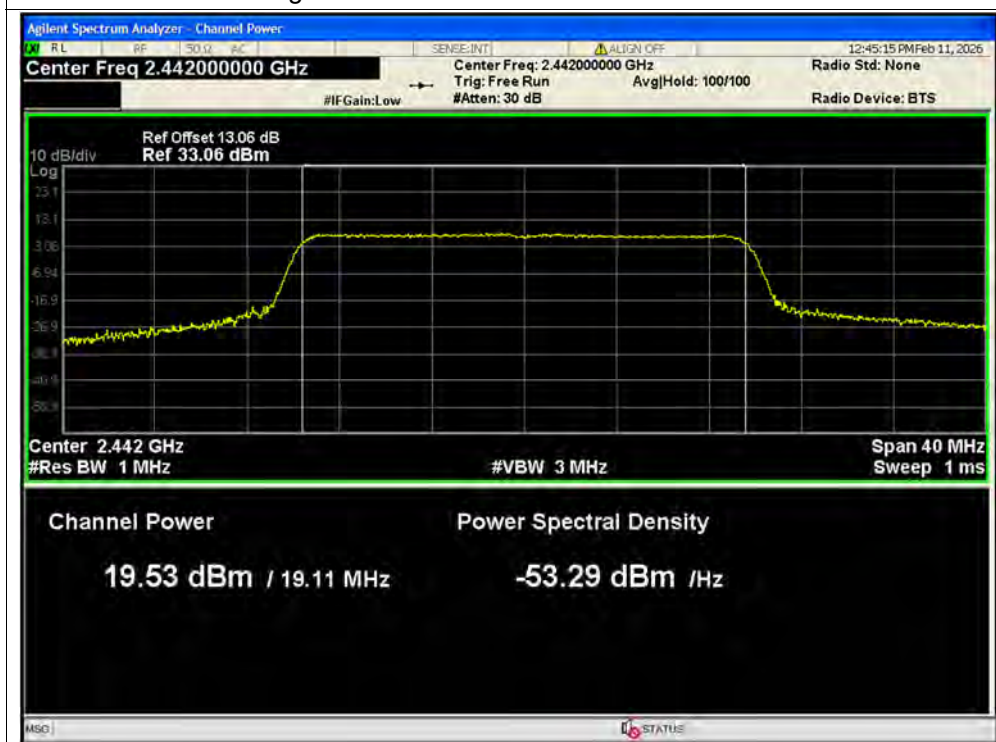
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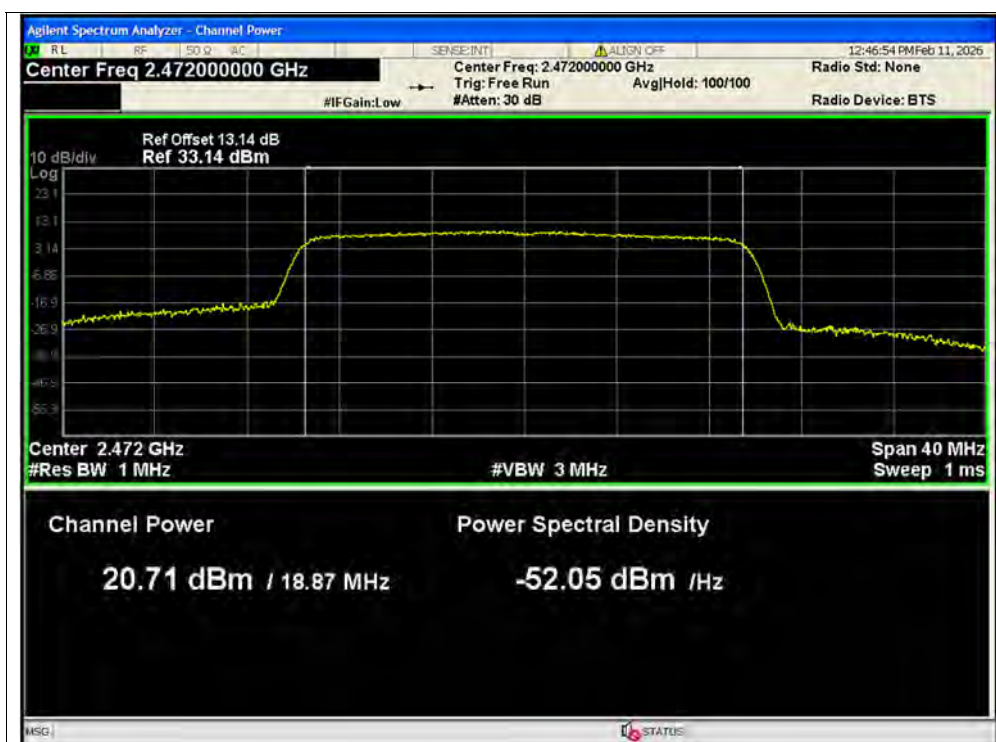
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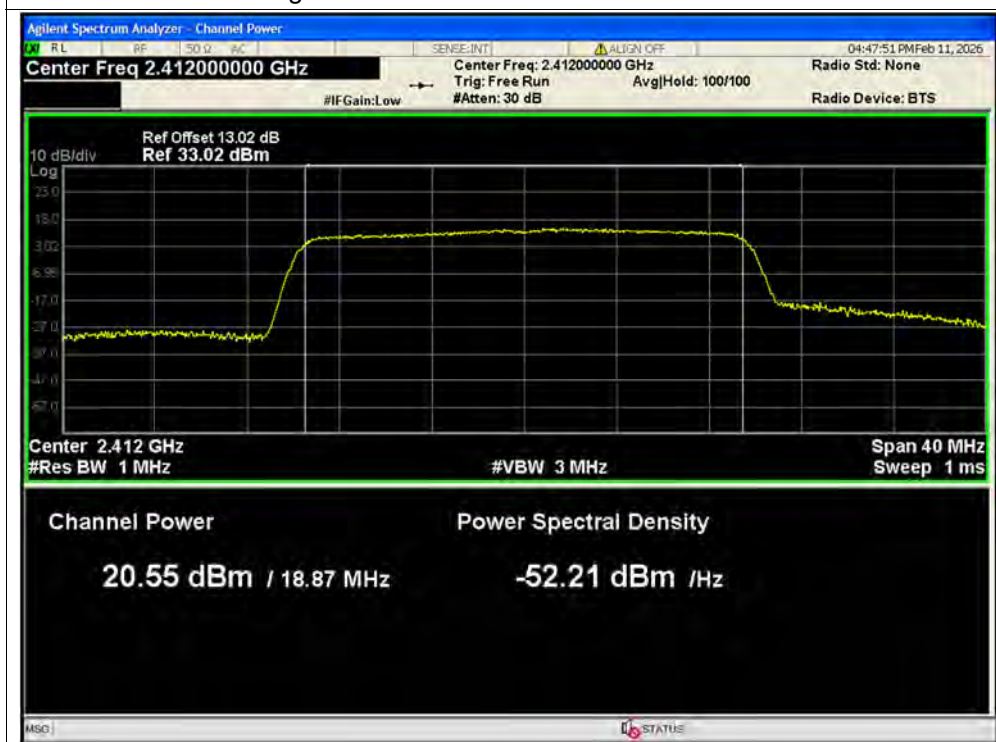
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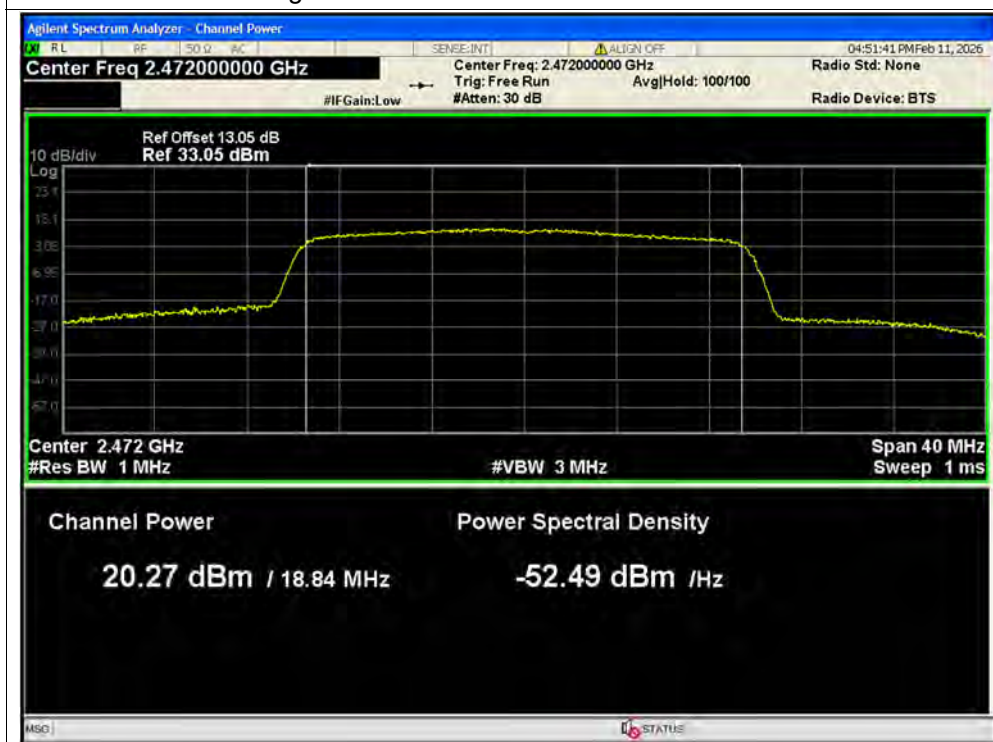
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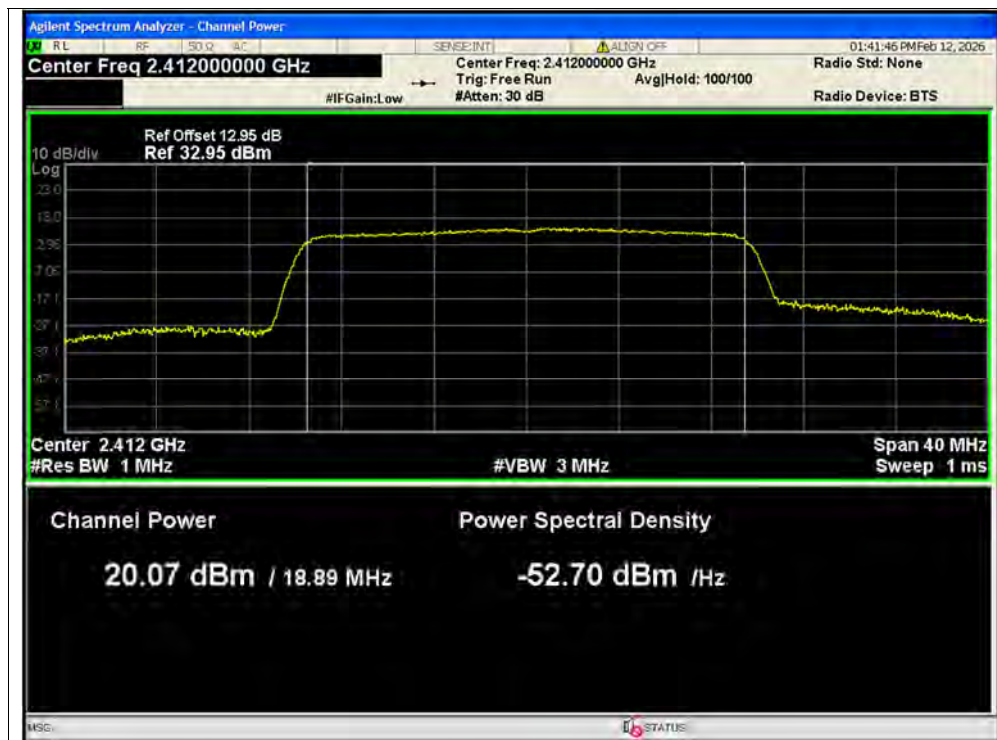
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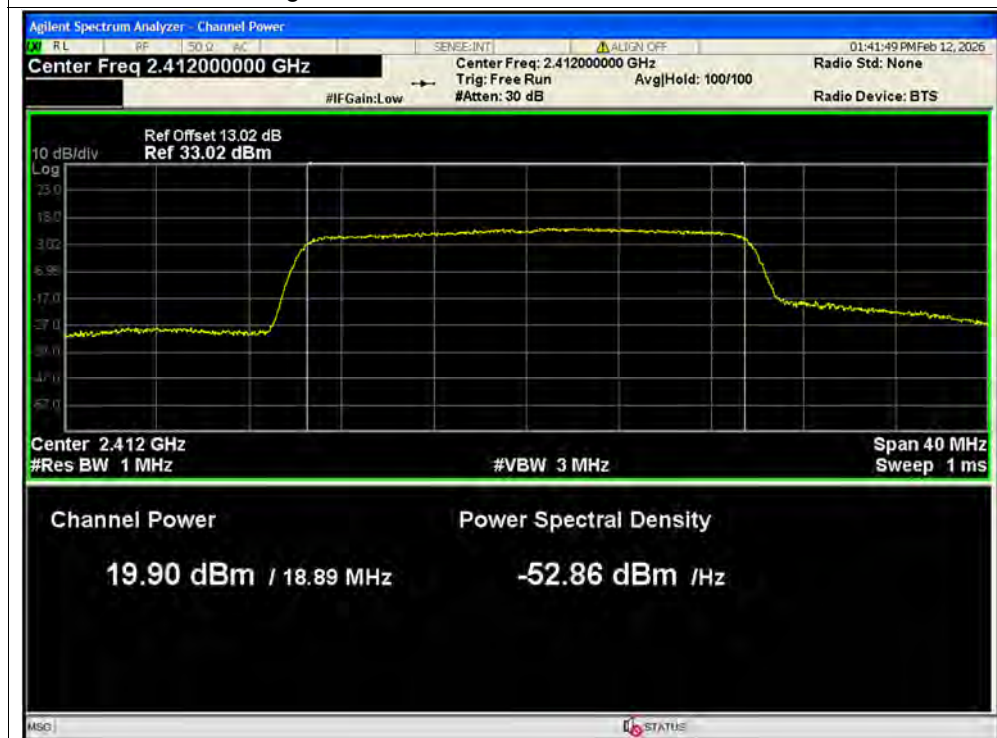
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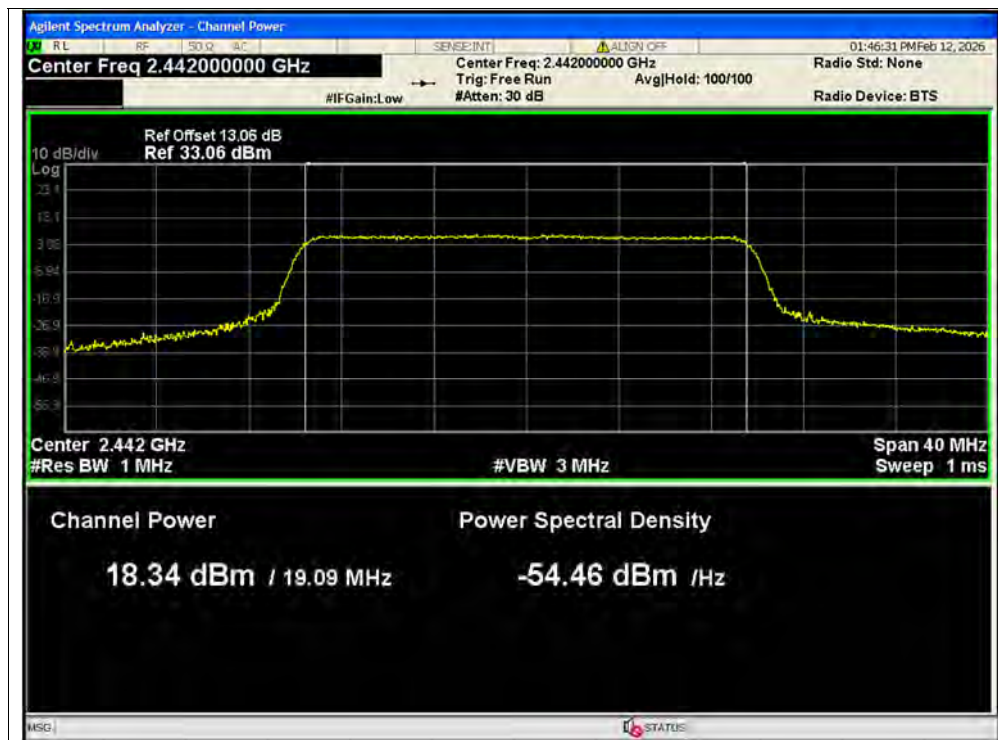
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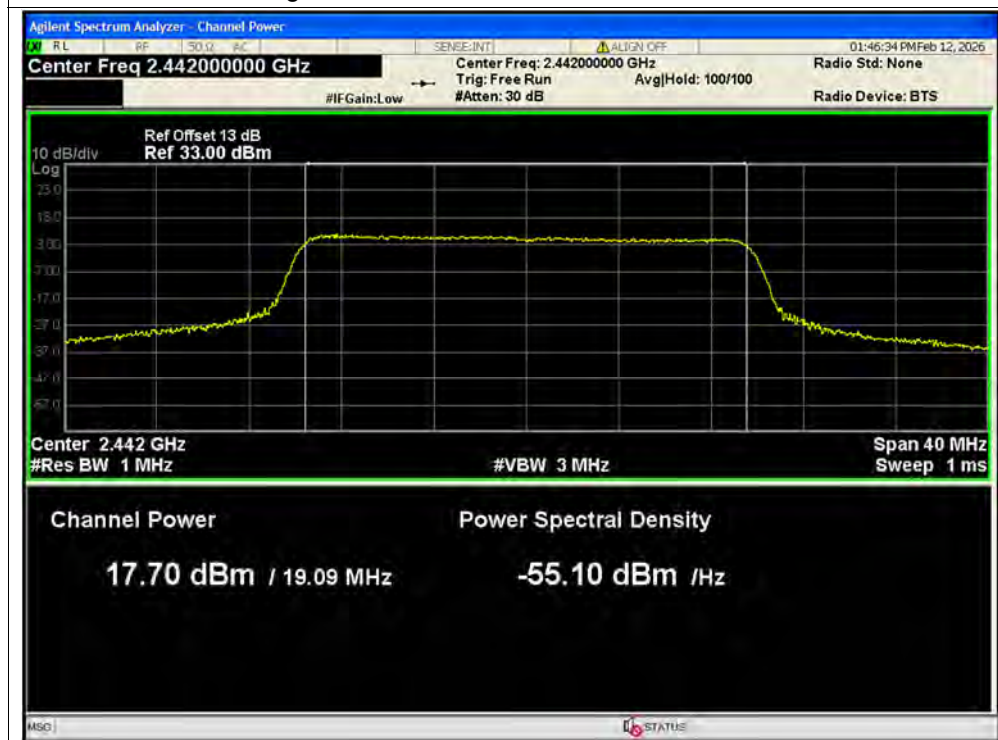
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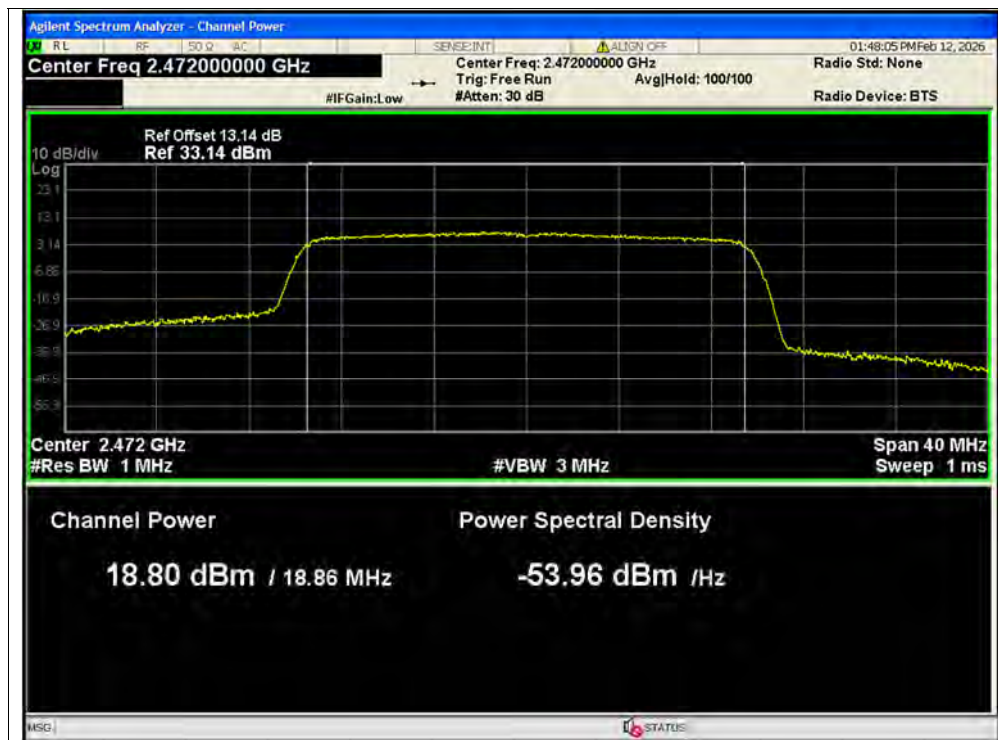
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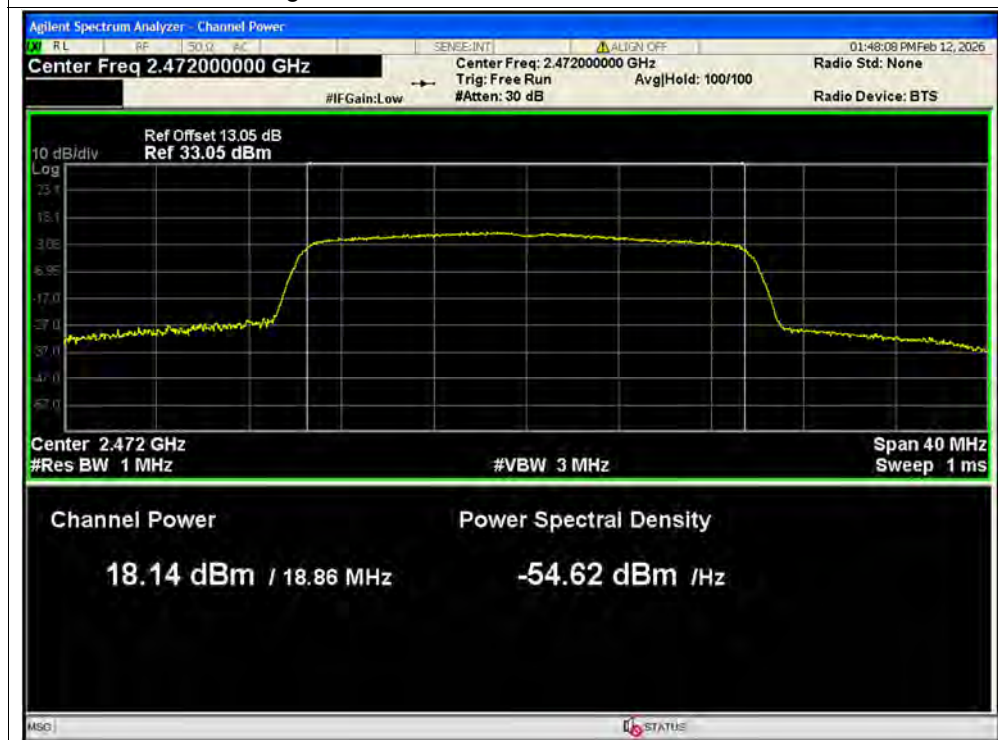
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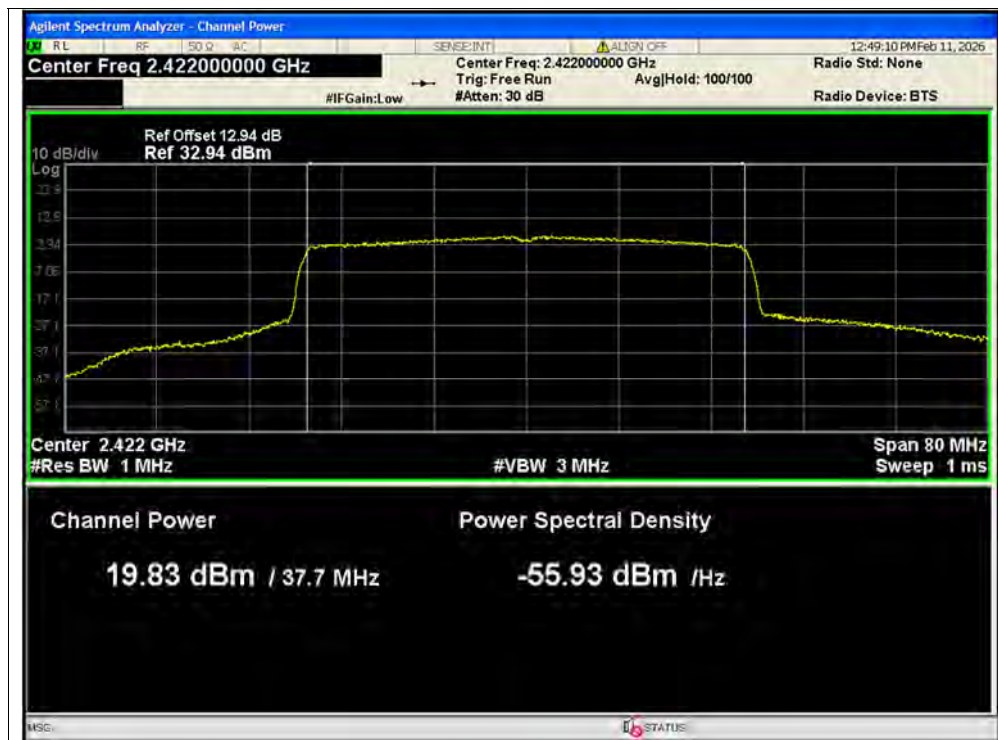
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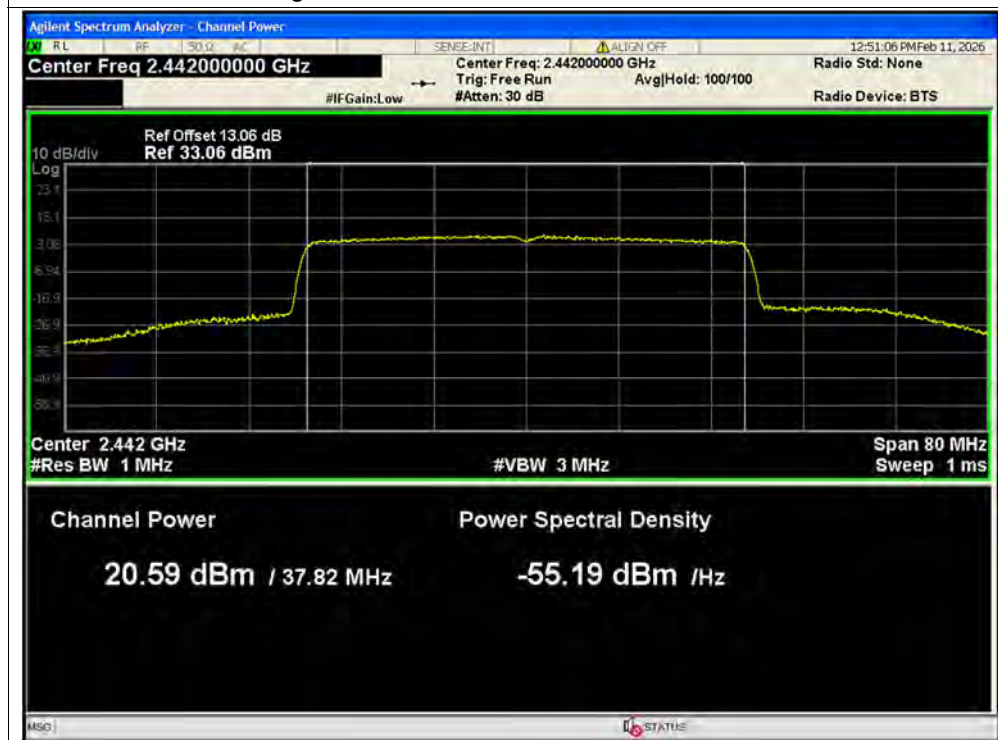
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Average Power NVNT ax20 2472MHz Ant2 MIMO



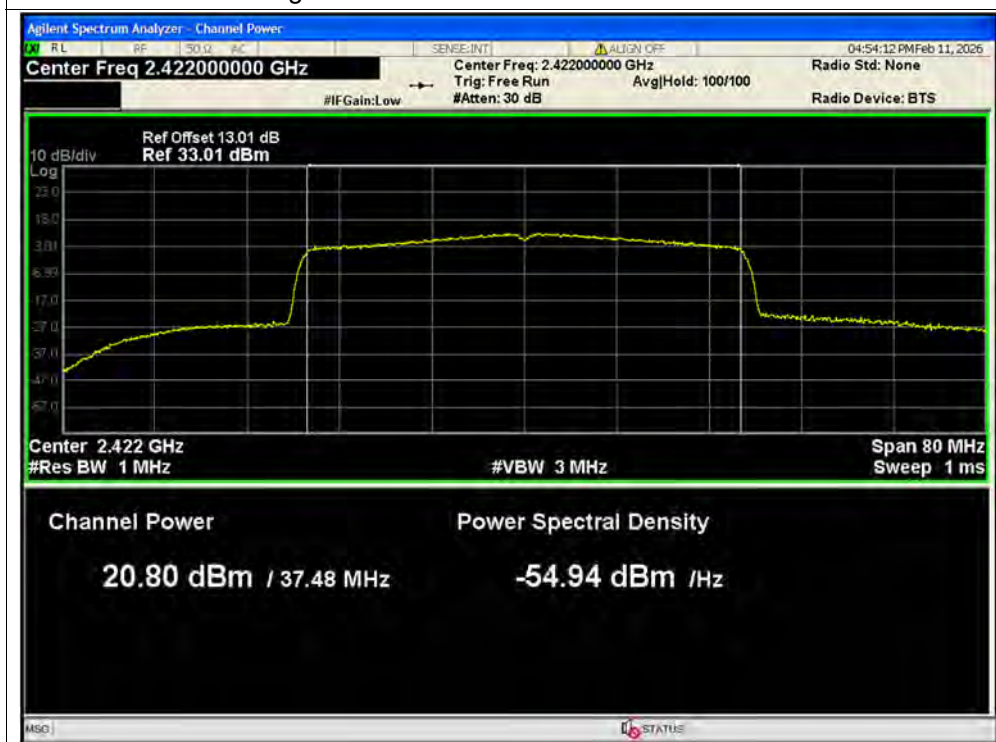
Average Power NVNT ax40 2422MHz Ant1 SISO



Average Power NVNT ax40 2442MHz Ant1 SISO



Average Power NVNT ax40 2462MHz Ant1 SISO



Average Power NVNT ax40 2422MHz Ant2 SISO