Radio Test Report

Report No.:STS2404100W02

Issued for

iTourTranslator inc.

1307, Block A, Global Center, Shushan District, Hefei, China.

| Product Name: | Hour Buds | |
|---------------|-----------|--|
| | | |
| | | |

Brand Name: iTour Translator

Model Name: iTour 22Pro

Series Model(s): N/A

discret Nimon

FCC ID: 2BDOW-ITOUR22PRO

Test Standards: FCC Part15.247

The test results presented in this report relate only to the object tested. This report shall not be reproduced, except in full, without the written approval of the Shenzhen STS Test Services Co., Ltd.



TEST REPORT

| Applicant's Name | iTourTranslator inc. |
|-------------------------------|--|
| Address | 1307, Block A, Global Center, Shushan District, Hefei, China. |
| | Starot (Hefei) Information Technology Co., Ltd. |
| Address | Room 403, Bldg 1, Saipu Technology Park, Yunfei Rd, Hefei, Anhui Province, China |
| Product Description | |
| Product Name | : iTour Buds |
| Brand Name | iTour Translator |
| Model Name | :. iTour 22Pro |
| Series Model(s) | : N/A |
| Test Standards | FCC Part15.247 |
| Test Procedure | ANSI C63.10-2020 |
| This device described above b | as been tested by STS, the test regults show that the equipment under |

This device described above has been tested by STS, the test results show that the equipment under test (EUT) is in compliance with the FCC requirements. And it is applicable only to the tested sample identified in the report.

The test results presented in this report relate only to the object tested. This report shall not be reproduced, except in full, without the written approval of the Shenzhen STS Test Services Co., Ltd.

| Date of Test: | |
|-----------------------------------|-----------------------------|
| Date of receipt of test item: | 22 Apr. 2024 |
| Date (s) of performance of tests: | 22 Apr. 2024 ~ 28 Apr. 2024 |
| Date of Issue: | 28 Apr. 2024 |
| Test Result: | Pass |

| Testing Engineer : | Aann 13u. | |
|------------------------|----------------|--|
| | (Aaron Bu) | |
| Technical Manager : | (Aaron Bu) | |
| | (Chris Chen) | |
| Authorized Signatory : | Browery Yorney | |
| | (Bovey Yang) | |



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Revision History

| | Rev. | Issue Date | Report No. | Effect Page | Contents |
|---|---|--------------|---------------|-------------|---------------|
| | 00 | 28 Apr. 2024 | STS2404100W02 | ALL | Initial Issue |
| 1 | 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1 | | | 9 | 9 |





1. SUMMARY OF TEST RESULTS

Test procedures according to the technical standards: KDB 558074 D01 15.247 Meas Guidance v05r02.

| FCC Part 15.247,Subpart C | | | | | | |
|-----------------------------------|--|--------------------|---|--|--|--|
| Standard Section | Lest Item | | | | | |
| 15.207 | Conducted Emission | PASS | | | | |
| 15.247 (a)(2) | 6dB Bandwidth | 6dB Bandwidth PASS | | | | |
| 15.247 (b)(3) | Output Power PASS | | | | | |
| 15.209 | Radiated Spurious Emission | PASS | - | | | |
| 15.247 (d) | Conducted Spurious & Band Edge Emission | PASS | | | | |
| 15.247 (e) | Power Spectral Density | PASS | | | | |
| 15.205 | Restricted bands of operation | PASS | | | | |
| Part 15.247(d)/ Part 15.209(a) | Band Edge Emission PASS | | | | | |
| 15.203 | 203 Antenna Requirement PASS | | | | | |

NOTE:

- (1) 'N/A' denotes test is not applicable in this Test Report.
- (2) All tests are according to ANSI C63.10-2020.



1.1 TEST FACTORY

SHENZHEN STS TEST SERVICES CO., LTD Add. : 101, Building B, Zhuoke Science Park, No.190 Chongqing Road, ZhanChengShequ, Fuhai Sub-District, Bao'an District, Shenzhen, Guang Dong, China FCC test Firm Registration Number: 625569 IC test Firm Registration Number: 12108A

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A2LA Certificate No.: 4338.01

1.2 MEASUREMENT UNCERTAINTY

The reported uncertainty of measurement $y \pm U$, where expended uncertainty U is based on a standard uncertainty multiplied by a coverage factor of k=2, providing a level of confidence of approximately 95 %.

| No. | Item | Uncertainty |
|-----|-----------------------------------|-------------|
| 1 | RF output power, conducted | ±0.755dB |
| 2 | Unwanted Emissions, conducted | ±2.874dB |
| 3 | All emissions, radiated 9K-30MHz | ±3.80dB |
| 4 | All emissions, radiated 30M-1GHz | ±4.18dB |
| 5 | All emissions, radiated 1G-6GHz | ±4.90dB |
| 6 | All emissions, radiated>6G | ±5.24dB |
| 7 | Conducted Emission (9KHz-150KHz) | ±2.19dB |
| 8 | Conducted Emission (150KHz-30MHz) | ±2.53dB |
| 9 | Occupied Channel Bandwidth | ±3.5% |
| 10 | Power Spectral Density, conducted | ±1.245dB |
| 11 | Duty Cycle | ±3.2% |





2. GENERAL INFORMATION

2.1 GENERAL DESCRIPTION OF THE EUT

| | B. | | | | |
|------------------------|---|----------------------------|--|--|--|
| Product Name | iTour Buds | | | | |
| Brand Name | iTour Translator | | | | |
| Model Name | iTour 22Pro | | | | |
| Series Model(s) | N/A | | | | |
| Model Difference | N/A | | | | |
| | The EUT is a iTour | Buds | | | |
| | Operation Frequency: | 2402~2480 MHz | | | |
| | Modulation Type: | GFSK | | | |
| | Radio Technology: | BLE | | | |
| Product Description | Bluetooth | LE(Support 1M DHV, 2M DHV) | | | |
| | Configuration: | LE(Support 1M PHY, 2M PHY) | | | |
| | Number Of Channel: | 40 | | | |
| | Antenna Type: | FPC antenna | | | |
| | Antenna Gain (dBi) | -3.7dBi | | | |
| Channel List | Please refer to the Note 3. | | | | |
| Rating | Input: DC 5V 500mA | | | | |
| Battery | Rated Voltage: 3.8V Charge Limit Voltage: 4.35V Capacity: 35mAh | | | | |
| Connecting I/O Port(s) | Please refer to the Note 1. | | | | |

Note:

- 1. For a more detailed features description, please refer to the manufacturer's specifications or the User Manual.
- 2. The antenna information refer the manufacturer provide report, applicable only to the tested sample identified in the report. Due to the incorrect antenna information, a series of problems such as the accuracy of the test results will be borne by the customer.



| Channel List | | | | | | | |
|--------------|--------------------|---------|--------------------|---------|--------------------|---------|---------------------|
| Channel | Frequency (MHz) | Channel | Frequency (MHz) | Channel | Frequency (MHz) | Channel | Frequenc y (MHz) |
| 00 | 2402 | 10 | 2422 | 20 | 2442 | 30 | 2462 |
| 01 | 2404 | 11 | 2424 | 21 | 2444 | 31 | 2464 |
| 02 | 2406 | 12 | 2426 | 22 | 2446 | 32 | 2466 |
| 03 | 2408 | 13 | 2428 | 23 | 2448 | 33 | 2468 |
| 04 | 2410 | 14 | 2430 | 24 | 2450 | 34 | 2470 |
| 05 | 2412 | 15 | 2432 | 25 | 2452 | 35 | 2472 |
| 06 | 2414 | 16 | 2434 | 26 | 2454 | 36 | 2474 |
| 07 | 2416 | 17 | 2436 | 27 | 2456 | 37 | 2476 |
| 08 | 2418 | 18 | 2438 | 28 | 2458 | 38 | 2478 |
| 09 | 2420 | 19 | 2440 | 29 | 2460 | 39 | 2480 |



2.2 DESCRIPTION OF THE TEST MODES

For conducted test items and radiated spurious emissions

Each of these EUT operation mode(s) or test configuration mode(s) mentioned below was evaluated respectively.

| Worst Mode | Description | Data/Modulation |
|------------|------------------|-----------------|
| Mode 1 | TX CH00(2402MHz) | 1M PHY /GFSK |
| Mode 2 | TX CH19(2440MHz) | 1M PHY /GFSK |
| Mode 3 | TX CH39(2480MHz) | 1M PHY /GFSK |

| Worst Mode | Description | Data/Modulation |
|------------|------------------|-----------------|
| Mode 4 | TX CH00(2402MHz) | 2M PHY /GFSK |
| Mode 5 | TX CH19(2440MHz) | 2M PHY /GFSK |
| Mode 6 | TX CH39(2480MHz) | 2M PHY /GFSK |

Note:

(1) The measurements are performed at all Bit Rate of Transmitter, the worst data was reported.

(2) We have be tested for all avaiable U.S. voltage and frequencies(For 120V,50/60Hz and 240V, 50/60Hz) for which the device is capable of operation, and the worst case of 120V/60Hz is shown in the report.

(3) The battery is fully-charged during the radited and RF conducted test.

For AC Conducted Emission

| | Test Case |
|-----------------------|-------------------------|
| AC Conducted Emission | Mode 7 : Keeping BLE TX |

2.3 TEST SOFTWARE AND POWER LEVEL

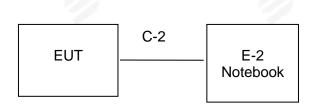
During testing channel & power controlling software provided by the customer was used to control the operating channel as well as the output power level.

| | RF Function | Туре | Mode Or Modulation type | ANT Gain(dBi) | Power Class | Software For Testing |
|--|---------------------|------------|----------------------------|------------------|----------------|-------------------------|
| | BLE(With 2M PHY) | BLE_1M PHY | GFSK | -3.7 | Default | BQB |
| | | BLE_2M PHY | GFSK | -3.7 | Default | DQD |

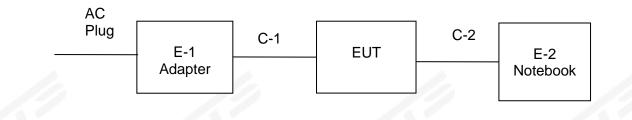


2.4 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED

Radiated Spurious Emission Test



Conducted Emission Test





2.5 DESCRIPTION OF NECESSARY ACCESSORIES AND SUPPORT UNITS

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

| _ | | Necessary accessories | | | | | | | | |
|---|------|-----------------------|------------------|----------------|--------|------|--|--|--|--|
| | ltem | Equipment | Mfr/Brand | Model/Type No. | Length | Note | | | | |
| | | Notebook | DELL VOSTRO.3800 | | N/A | N/A | | | | |
| | | USB Cable | N/A | 100cm | N/A | N/A | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |

| | | Support units | | | | |
|---|-----|-------------------------|---------------------|------------------|--------|------|
| l | tem | Equipment Mfr/Brand Mod | | Model/Type No. | Length | Note |
| | | Adapter | HUAWEI HW-050450C00 | | N/A | N/A |
| | | USB Cable | le N/A N/A | | 110cm | NO |
| | | Personal computer | DELL | Inspiron 14-3467 | N/A | N/A |
| | | USB Cable | N/A | N/A | 30cm | NO |

Note:

- (1) For detachable type I/O cable should be specified the length in cm in ^r Length ^a column.
- (2) "YES" is means "with core"; "NO" is means "without core".



2.6 EQUIPMENTS LIST

| Kind of Equipment | Manufacturer | tion Test Equipmer Type No. | Serial No. | Last Calibration | Calibrated Until |
|---|---|---|---|--|---|
| Temperature & Humidity | SW-108 | SuWei | N/A | 2024.03.15 | 2025.03.14 |
| Pre-Amplifier(0.1M-3GHz) | EM | EM330 | 060665 | 2024.02.23 | 2025.02.22 |
| Pre-Amplifier(1G-18GHz) | SKET | LNPA-01018G-45 | SK2018080901 | 2023.09.26 | 2024.09.25 |
| Pre-Amplifier(18G-40GHz) | SKET | LNPA_1840-50 | SK2018101801 | 2024.02.23 | 2025.02.22 |
| Active loop Antenna | ZHINAN | ZN30900C | 16035 | 2023.02.28 | 2025.02.2 |
| Bilog Antenna | TESEQ | CBL6111D | 34678 | 2022.09.30 | 2024.09.2 |
| Horn Antenna | SCHWARZBECK | BBHA 9120D | 02014 | 2023.09.24 | 2025.09.2 |
| Horn Antenna | A-INFOMW | LB-180400-KF | J211020657 | 2023.10.10 | 2025.10.0 |
| Positioning Controller | MF | MF-7802 | MF-780208587 | N/A | N/A |
| Signal Analyzer | R&S | FSV 40-N | 101823 | 2023.09.26 | 2024.09.2 |
| Switch Control Box | N/A | N/A | N/A | N/A | N/A |
| Filter Box | BALUN Technology | SU319E | BL-SZ1530051 | N/A | N/A |
| Antenna Mast MF | | MFA-440H | N/A | N/A | N/A |
| Turn Table | MF | SC100_1 | 60531 | N/A | N/A |
| AC Power Source | APC | KDF-11010G | F214050035 | N/A | N/A |
| DC power supply | HONGSHENGFENG | DPS-305AF | 17064939 | 2023.09.26 | 2024.09.2 |
| Test SW | EZ-EMC | | Ver.STSLAB-03 | A1 RE | 1 |
| | Conduct | ion Test equipme | nt | | |
| Kind of Equipment | Manufacturer | Type No. | Serial No. | Last calibration | Calibrated until |
| Test Receiver | R&S | ESCI | 101427 | 2023.09.25 | 2024.09.24 |
| Limtter | CYBERTEK | EM5010 | N/A | 2023.09.25 | 2024.09.24 |
| | R&S | ENV216 | 101242 | 2023.09.25 | 2024.09.2 |
| LISN | | | | | |
| LISN | EMCO | 3810/2NM | 23625 | 2023.09.25 | 2024.09.24 |
| LISN | | | | | 2024.09.24 |
| | EZ-EMC | | 23625 Ver.STSLAB-03 | | 2024.09.24 |
| LISN | EZ-EMC | | | | 2024.09.24 |
| LISN Test SW Kind of Equipment | EZ-EMC RF C Manufacturer | connected Test | Ver.STSLAB-03 | A1 CE Last calibration | Calibrated until |
| LISN Test SW Kind of Equipment Signal Analyzer | EZ-EMC RF C Manufacturer Agilent | Connected Test Type No. N9020A | Ver.STSLAB-03 Serial No. MY51510623 | A1 CE Last calibration 2024.02.23 | Calibrated until 2025.02.22 |
| LISN Test SW Kind of Equipment Signal Analyzer Power Sensor | EZ-EMC RF C Manufacturer Agilent Keysight | Connected Test Type No. N9020A U2021XA | Ver.STSLAB-03 Serial No. MY51510623 MY55520005 | A1 CE Last calibration 2024.02.23 2023.09.26 | Calibrated until 2025.02.22 2024.09.23 |
| LISN Test SW Kind of Equipment Signal Analyzer | EZ-EMC RF C Manufacturer Agilent | Connected Test Type No. N9020A | Ver.STSLAB-03 Serial No. MY51510623 | A1 CE Last calibration 2024.02.23 2023.09.26 2024.03.15 | Calibrated until 2025.02.2 |



3. EMC EMISSION TEST

3.1 CONDUCTED EMISSION MEASUREMENT

3.1.1 POWER LINE CONDUCTED EMISSION LIMITS

The radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies, within the band 150 kHz to 30 MHz, shall not exceed the limits in the following table.

| | Conducted Emission limit (dBuV) | | |
|-----------------|---------------------------------|-----------|--|
| FREQUENCY (MHz) | Quasi-peak | Average | |
| 0.15 -0.5 | 66 - 56 * | 56 - 46 * | |
| 0.50 -5.0 | 56.00 | 46.00 | |
| 5.0 -30.0 | 60.00 | 50.00 | |

Note:

(1) The tighter limit applies at the band edges.

(2) The limit of " * " marked band means the limitation decreases linearly with the logarithm of the frequency in the range.

The following table is the setting of the receiver

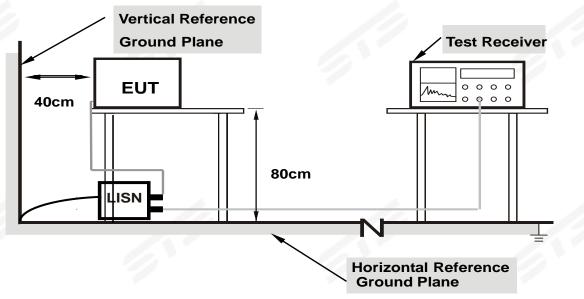
| Receiver Parameters | Setting | | |
|---------------------|----------|--|--|
| Attenuation | 10 dB | | |
| Start Frequency | 0.15 MHz | | |
| Stop Frequency | 30 MHz | | |
| IF Bandwidth | 9 kHz | | |



3.2 TEST PROCEDURE

- a. The EUT is 0.8 m from the horizontal ground plane and 0.4 m from the vertical ground plane with EUT being connected to the power mains through a line impedance stabilization network (LISN). All other support equipments are powered from additional LISN(s). The LISN provides 50 Ohm/ 50uH of coupling impedance for the measuring instrument.
- b. Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 to 40 cm long.
- c. I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
- d. LISN is at least 80 cm from the nearest part of EUT chassis.
- e. For the actual test configuration, please refer to the related Item -EUT Test Photos.

3.3 TEST SETUP



Note: 1. Support units were connected to second LISN.

2. Both of LISNs (AMN) are 80 cm from EUT and at least 80 cm from other units and other metal planes support units.

3.4 EUT OPERATING CONDITIONS

The EUT was configured for testing in a typical fashion (as a customer would normally use it). The EUT has been programmed to continuously transmit during test. This operating condition was tested and used to collect the included data.



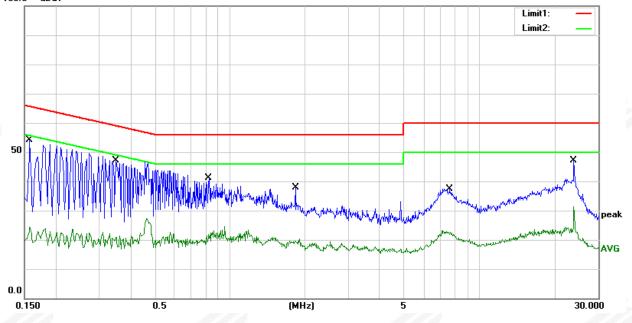
3.5 TEST RESULTS

| Temperature: | 25.1(C) | Relative Humidity: | 59%RH |
|---------------|--------------|--------------------|-------|
| Test Voltage: | AC 120V/60Hz | Phase: | L |
| Test Mode: | Mode 7 | 9 | 9 |

| No. | Frequency | Reading | Correct | Result | Limit | Margin | Remark |
|-----|-----------|---------|----------------|--------|--------|--------|--------|
| | (MHz) | (dBuV) | Factor(d B) | (dBuV) | (dBuV) | (dB) | |
| 1 | 0.1580 | 34.06 | 20.04 | 54.10 | 65.57 | -11.47 | QP |
| 2 | 0.1580 | 4.30 | 20.04 | 24.34 | 55.57 | -31.23 | AVG |
| 3 | 0.3500 | 27.21 | 19.90 | 47.11 | 58.96 | -11.85 | QP |
| 4 | 0.3500 | 7.54 | 19.90 | 27.44 | 48.96 | -21.52 | AVG |
| 5 | 0.8300 | 21.26 | 19.87 | 41.13 | 56.00 | -14.87 | QP |
| 6 | 0.8300 | 4.82 | 19.87 | 24.69 | 46.00 | -21.31 | AVG |
| 7 | 1.8380 | 18.32 | 19.63 | 37.95 | 56.00 | -18.05 | QP |
| 8 | 1.8380 | 0.75 | 19.63 | 20.38 | 46.00 | -25.62 | AVG |
| 9 | 7.6100 | 17.67 | 19.66 | 37.33 | 60.00 | -22.67 | QP |
| 10 | 7.6100 | 3.45 | 19.66 | 23.11 | 50.00 | -26.89 | AVG |
| 11 | 24.0020 | 27.41 | 19.81 | 47.22 | 60.00 | -12.78 | QP |
| 12 | 24.0020 | 11.50 | 19.81 | 31.31 | 50.00 | -18.69 | AVG |

Remark:

All readings are Quasi-Peak and Average values
 Margin = Result (Result =Reading + Factor)–Limit
 Factor=LISN factor+Cable loss+Limiter (10dB)
 100.0 dBuV





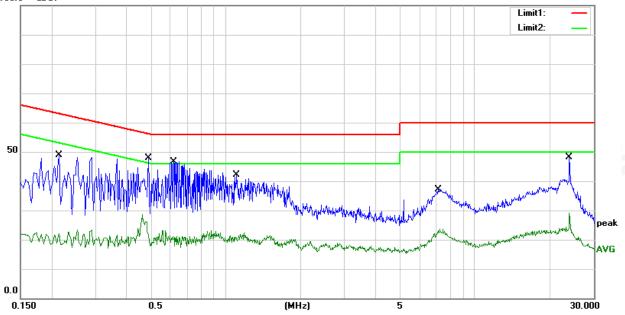
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Report No.: STS2404100W02

| Temperature: | 25.1(C) | Relative Humidity: | 59%RH |
|---------------|--------------|--------------------|-------|
| Test Voltage: | AC 120V/60Hz | Phase: | N |
| Test Mode: | Mode 7 | 1 | 11 |
| | 100 | | 100 |

| Frequency | Reading | Correct | Result | Limit | Margin | Remark |
|-----------|--|--|---|---|--|---|
| (MHz) | (dBuV) | Factor(d B) | (dBuV) | (dBuV) | (dB) | |
| 0.2140 | 28.82 | 20.10 | 48.92 | 63.05 | -14.13 | QP |
| 0.2140 | 3.22 | 20.10 | 23.32 | 53.05 | -29.73 | AVG |
| 0.4900 | 27.95 | 19.91 | 47.86 | 56.17 | -8.31 | QP |
| 0.4900 | 8.73 | 19.91 | 28.64 | 46.17 | -17.53 | AVG |
| 0.6180 | 26.74 | 19.98 | 46.72 | 56.00 | -9.28 | QP |
| 0.6180 | 3.13 | 19.98 | 23.11 | 46.00 | -22.89 | AVG |
| 1.1100 | 22.38 | 19.70 | 42.08 | 56.00 | -13.92 | QP |
| 1.1100 | 3.39 | 19.70 | 23.09 | 46.00 | -22.91 | AVG |
| 7.1140 | 17.45 | 19.64 | 37.09 | 60.00 | -22.91 | QP |
| 7.1140 | 3.88 | 19.64 | 23.52 | 50.00 | -26.48 | AVG |
| 24.0140 | 28.44 | 19.81 | 48.25 | 60.00 | -11.75 | QP |
| 24.0140 | 9.20 | 19.81 | 29.01 | 50.00 | -20.99 | AVG |
| | (MHz) 0.2140 0.2140 0.4900 0.4900 0.6180 0.6180 1.1100 1.1100 7.1140 7.1140 24.0140 | (MHz)(dBuV)0.214028.820.21403.220.490027.950.49008.730.618026.740.61803.131.110022.381.11003.397.114017.457.11403.8824.014028.44 | (MHz)(dBuV)Factor(d B)0.214028.8220.100.21403.2220.100.490027.9519.910.49008.7319.910.618026.7419.980.61803.1319.981.110022.3819.701.11003.3919.707.114017.4519.647.114028.4419.81 | (MHz)(dBuV)Factor(d B)(dBuV)0.214028.8220.1048.920.21403.2220.1023.320.490027.9519.9147.860.49008.7319.9128.640.618026.7419.9846.720.61803.1319.9823.111.110022.3819.7042.081.11003.3919.7023.097.114017.4519.6437.097.114028.4419.8148.25 | (MHz)(dBuV)Factor(d B)(dBuV)(dBuV)0.214028.8220.1048.9263.050.21403.2220.1023.3253.050.490027.9519.9147.8656.170.49008.7319.9128.6446.170.618026.7419.9846.7256.000.61803.1319.9823.1146.001.110022.3819.7042.0856.001.11003.3919.7023.0946.007.114017.4519.6437.0960.0024.014028.4419.8148.2560.00 | (MHz)(dBuV)Factor(d B)(dBuV)(dBuV)(dB)0.214028.8220.1048.9263.05-14.130.21403.2220.1023.3253.05-29.730.490027.9519.9147.8656.17-8.310.49008.7319.9128.6446.17-17.530.618026.7419.9846.7256.00-9.280.61803.1319.9823.1146.00-22.891.110022.3819.7042.0856.00-13.921.11003.3919.7023.0946.00-22.917.114017.4519.6437.0960.00-22.917.114028.4419.8148.2560.00-11.75 |

- All readings are Quasi-Peak and Average values
 Margin = Result (Result =Reading + Factor)–Limit
 Factor=LISN factor+Cable loss+Limiter (10dB)





4. RADIATED EMISSION MEASUREMENT

4.1 RADIATED EMISSION LIMITS

In any 100 kHz bandwidth outside the operating frequency band. In case the emission fall within the Restricted band specified on Part15.205(a)&209(a) limit in the table and according to ANSI C63.10-2020 below has to be followed.

LIMITS OF RADIATED EMISSION MEASUREMENT (Frequency Range 9kHz-1000MHz)

| Frequencies | Field Strength Measurement Dista | |
|-------------|----------------------------------|-----|
| (MHz) | (micorvolts/meter) (meters) | |
| 0.009~0.490 | 2400/F(KHz) | 300 |
| 0.490~1.705 | 24000/F(KHz) | 30 |
| 1.705~30.0 | 30 30 | |
| 30~88 | 100 3 | |
| 88~216 | 150 | 3 |
| 216~960 | 200 3 | |
| Above 960 | 500 | 3 |

LIMITS OF RADIATED EMISSION MEASUREMENT (Above 1000MHz)

| | (dBuV/m) (at 3M) | | |
|-------------------------------|-----------------------------|------------------|--|
| FREQUENCY (MHz) | PEAK | AVERAGE | |
| Above 1000 | 74 | 54 | |
| Notes: | | / / | |
| (1) The limit for radiated te | est was performed according | to FCC PART 15C. | |
| (2) The tighter limit applies | s at the band edges | | |

(2) The tighter limit applies at the band edges.

(3) Emission level (dBuV/m)=20log Emission level (uV/m).

LIMITS OF RESTRICTED FREQUENCY BANDS

| FREQUENCY (MHz) FREQUENCY (MHz) F | | FREQUENCY (MHz) | FREQUENCY (GHz) |
|-----------------------------------|---------------------|-----------------|-----------------|
| 0.090-0.110 16.42-16.423 | | 399.9-410 | 4.5-5.15 |
| 0.495-0.505 | 16.69475-16.69525 | 608-614 | 5.35-5.46 |
| 2.1735-2.1905 | 16.80425-16.80475 | 960-1240 | 7.25-7.75 |
| 4.125-4.128 | 25.5-25.67 | 1300-1427 | 8.025-8.5 |
| 4.17725-4.17775 | 37.5-38.25 | 1435-1626.5 | 9.0-9.2 |
| 4.20725-4.20775 | 73-74.6 | 1645.5-1646.5 | 9.3-9.5 |
| 6.215-6.218 | 74.8-75.2 | 1660-1710 | 10.6-12.7 |
| 6.26775-6.26825 | 108-121.94 | 1718.8-1722.2 | 13.25-13.4 |
| 6.31175-6.31225 | 123-138 | 2200-2300 | 14.47-14.5 |
| 8.291-8.294 | 149.9-150.05 | 2310-2390 | 15.35-16.2 |
| 8.362-8.366 | 156.52475-156.52525 | 2483.5-2500 | 17.7-21.4 |
| 8.37625-8.38675 | 156.7-156.9 | 2690-2900 | 22.01-23.12 |
| 8.41425-8.41475 | 162.0125-167.17 | 3260-3267 | 23.6-24.0 |
| 12.29-12.293 | 167.72-173.2 | 3332-3339 | 31.2-31.8 |
| 12.51975-12.52025 | 240-285 | 3345.8-3358 | 36.43-36.5 |
| 12.57675-12.57725 | 322-335.4 | 3600-4400 | Above 38.6 |
| 13.36-13.41 | 11 - C | | |



For Radiated Emission

| Spectrum Parameter | Setting |
|---------------------------------|-------------------------------|
| Attenuation | Auto |
| Detector | Peak/QP/AV |
| Start Frequency | 9 KHz/150KHz(Peak/QP/AV) |
| Stop Frequency | 150KHz/30MHz(Peak/QP/AV) |
| | 200Hz (From 9kHz to 0.15MHz)/ |
| RB / VB (emission in restricted | 9KHz (From 0.15MHz to 30MHz); |
| band) | 200Hz (From 9kHz to 0.15MHz)/ |
| | 9KHz (From 0.15MHz to 30MHz) |

| 1. | |
|---------------------------------|--------------------|
| Spectrum Parameter | Setting |
| Attenuation | Auto |
| Detector | Peak/QP |
| Start Frequency | 30 MHz(Peak/QP) |
| Stop Frequency | 1000 MHz (Peak/QP) |
| RB / VB (emission in restricted | 120 KHz / 300 KHz |
| band) | 120 KHZ / 300 KHZ |

| | Spectrum Parameter | Setting |
|-----|---------------------------------|-------------------------------|
| | Attenuation | Auto |
| | Detector | Peak/AV |
| | Start Frequency | 1000 MHz(Peak/AV) |
| | Stop Frequency | 10th carrier hamonic(Peak/AV) |
| | RB / VB (emission in restricted | 1 MHz / 3 MHz(Peak) |
| | band) | 1 MHz/1/T MHz(AVG) |
| Foi | r Restricted band | |
| | | |

| | Spectrum Parameter | Setting |
|---------|----------------------|-----------------------------------|
| | Detector | Peak/AV |
| | Start/Stop Frequency | Lower Band Edge: 2310 to 2410 MHz |
| | | Upper Band Edge: 2475 to 2500 MHz |
| | RB / VB | 1 MHz / 3 MHz(Peak) |
| ND / VD | 1 MHz/1/T MHz(AVG) | |



| Receiver Parameter | Setting |
|------------------------|--------------------------------------|
| Start ~ Stop Frequency | 9kHz~90kHz / RB 200Hz for PK & AV |
| Start ~ Stop Frequency | 90kHz~110kHz / RB 200Hz for QP |
| Start ~ Stop Frequency | 110kHz~490kHz / RB 200Hz for PK & AV |
| Start ~ Stop Frequency | 490kHz~30MHz / RB 9kHz for QP |
| Start ~ Stop Frequency | 30MHz~1000MHz / RB 120kHz for QP |

4.2 TEST PROCEDURE

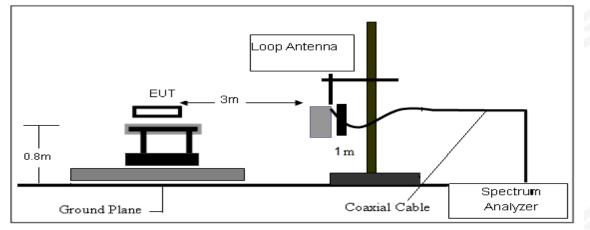
- a. The measuring distance at 3 m shall be used for measurements at frequency 0.009MHz up to 1GHz, and above 1GHz.
- b. The EUT was placed on the top of a rotating table 0.8 m (above 1GHz is 1.5 m) above the ground at a 3 m anechoic chamber test site. The table was rotated 360 degree to determine the position of the highest radiation.
- c. The height of the equipment shall be 0.8 m (above 1GHz is 1.5 m); the height of the test antenna shall vary between 1 m to 4 m. Horizontal and vertical polarization of the antenna are set to make the measurement.
- d. The initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and QuasiPeak detector mode will be re-measured.
- e. If the Peak Mode measured value is compliance with and lower than Quasi Peak Mode Limit, the EUT shall be deemed to meet QP Limits and no additional QP Mode measurement was performed.
- f. For the actual test configuration, please refer to the related Item –EUT Test Photos. Note:

Both horizontal and vertical antenna polarities were tested and performed pretest to three orthogonal axis. The worst case emissions were reported.

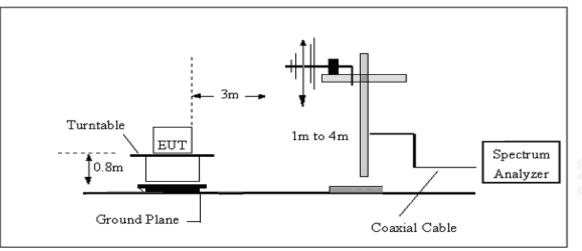


4.3 TEST SETUP

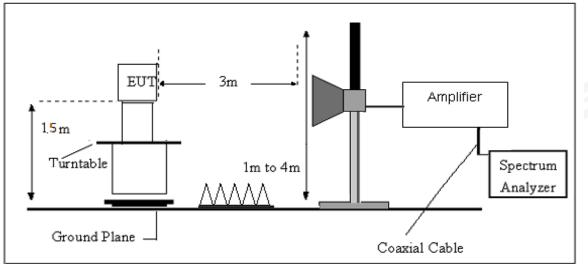
(A) Radiated Emission Test-Up Frequency Below 30MHz



(B) Radiated Emission Test-Up Frequency 30MHz~1GHz



(C) Radiated Emission Test-Up Frequency Above 1GHz



4.4 EUT OPERATING CONDITIONS Please refer to section 3.4 of this report.



4.5 FIELD STRENGTH CALCULATION

The field strength is calculated by adding the Antenna Factor and Cable Factor and subtracting the Amplifier Gain and Duty Cycle Correction Factor (if any) from the measured reading. The basic equation with a sample calculation is as follows:

FS = RA + AF + CL - AGWhere FS = Field Strength

CL = Cable Attenuation Factor (Cable Loss)

RA = Reading Amplitude

AG = Amplifier Gain

AF = Antenna Factor

For example

| Frequency | FS | RA | AF | CL | AG | Factor |
|-----------|----------|----------|------|------|------|--------|
| (MHz) | (dBµV/m) | (dBµV/m) | (dB) | (dB) | (dB) | (dB) |
| 300 | 40 | 58.1 | 12.2 | 1.6 | 31.9 | -18.1 |

Factor=AF+CL-AG









4.6 TEST RESULTS

(Between 9KHz – 30 MHz)

| Temperature: | 23.1(C) | Relative Humidtity: | 60%RH |
|---------------|---------|---------------------|-------|
| Test Voltage: | DC 3.8V | Polarization: | |
| Test Mode: | TX Mode | 9 | |

| Freq. | Reading | Limit | Margin | State |
|-------|----------|----------|--------|-------|
| (MHz) | (dBuV/m) | (dBuV/m) | (dB) | P/F |
| | | | | PASS |
| | | | | PASS |

Note:

The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.

Distance extrapolation factor =40 log (specific distance/test distance)(dB);

Limit line = specific limits(dBuv) + distance extrapolation factor.



(30MHz -1000MHz)

| 1M | PHY |
|----|-----|
|----|-----|

| Temperature: | 23.1(C) | Relative Humidity: | 60%RH |
|---------------|-----------------------------|--------------------|------------|
| Test Voltage: | DC 3.8V | Phase: | Horizontal |
| Test Mode: | Mode 1/2/3 (Mode 3 worst me | ode) | |

| No. | Frequency | Reading | Correct | Result | Limit | Margin | Remark |
|-----|-----------|---------|------------------|----------|----------|--------|--------|
| | (MHz) | (dBuV) | Factor(dB/ m) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 35.8200 | 41.39 | -15.91 | 25.48 | 40.00 | -14.52 | peak |
| 2 | 93.0500 | 42.89 | -21.04 | 21.85 | 43.50 | -21.65 | peak |
| 3 | 199.7500 | 57.68 | -21.11 | 36.57 | 43.50 | -6.93 | peak |
| 4 | 263.7700 | 44.21 | -14.75 | 29.46 | 46.00 | -16.54 | peak |
| 5 | 532.4600 | 39.24 | -7.31 | 31.93 | 46.00 | -14.07 | peak |
| 6 | 937.9200 | 31.22 | 1.20 | 32.42 | 46.00 | -13.58 | peak |

- Margin = Result (Result = Reading + Factor)–Limit
 Factor= Antenna factor+Cable attenuation factor(cable loss)-Amplifier gain
- 3. All modes have been tested, only show the worst case.



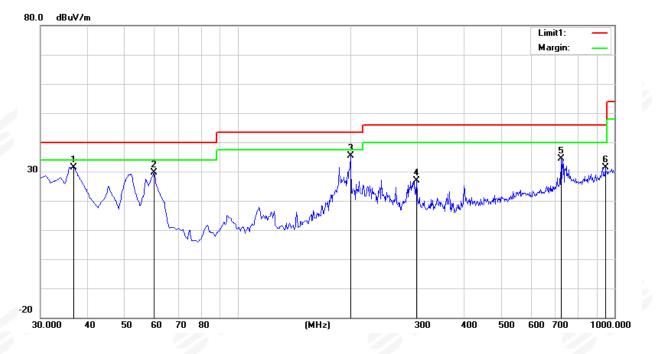


Report No.: STS2404100W02

| Temperature: | 23.1(C) | Relative Humidity: | 60%RH |
|---------------|-----------------------------|--------------------|----------|
| Test Voltage: | DC 3.8V | Phase: | Vertical |
| Test Mode: | Mode 1/2/3 (Mode 3 worst mo | ode) | 12 |

| No. | Frequency | Reading | Correct | Result | Limit | Margin | Remark |
|-----|-----------|---------|------------------|----------|----------|--------|--------|
| | (MHz) | (dBuV) | Factor(dB/ m) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 36.7900 | 47.87 | -16.39 | 31.48 | 40.00 | -8.52 | peak |
| 2 | 60.0700 | 55.47 | -25.86 | 29.61 | 40.00 | -10.39 | peak |
| 3 | 199.7500 | 56.58 | -21.11 | 35.47 | 43.50 | -8.03 | peak |
| 4 | 298.6900 | 41.64 | -14.86 | 26.78 | 46.00 | -19.22 | peak |
| 5 | 722.5800 | 37.52 | -3.04 | 34.48 | 46.00 | -11.52 | peak |
| 6 | 948.5900 | 29.88 | 1.56 | 31.44 | 46.00 | -14.56 | peak |

- Margin = Result (Result =Reading + Factor)–Limit
 Factor= Antenna factor+Cable attenuation factor(cable loss)-Amplifier gain
- 3. All modes have been tested, only show the worst case.



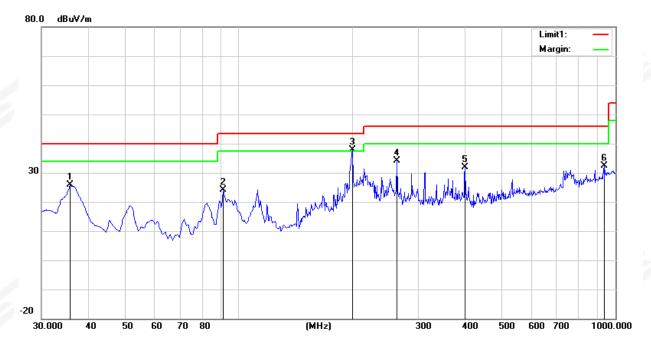


2M PHY

| Temperature: | 23.1(C) | Relative Humidity: | 60%RH |
|---------------|-----------------------------|--------------------|------------|
| Test Voltage: | DC 3.8V | Phase: | Horizontal |
| Test Mode: | Mode 4/5/6 (Mode 6 worst mo | ode) | |

| No. | Frequency | Reading | Correct | Result | Limit | Margin | Remark |
|-----|-----------|---------|------------------|----------|----------|--------|--------|
| | (MHz) | (dBuV) | Factor(dB/ m) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 35.8200 | 41.69 | -15.91 | 25.78 | 40.00 | -14.22 | peak |
| 2 | 91.1100 | 45.38 | -21.31 | 24.07 | 43.50 | -19.43 | peak |
| 3 | 200.7200 | 58.88 | -21.06 | 37.82 | 43.50 | -5.68 | peak |
| 4 | 263.7700 | 48.80 | -14.75 | 34.05 | 46.00 | -11.95 | peak |
| 5 | 399.5700 | 43.02 | -11.16 | 31.86 | 46.00 | -14.14 | peak |
| 6 | 937.9200 | 31.14 | 1.20 | 32.34 | 46.00 | -13.66 | peak |

- 1. Margin = Result (Result = Reading + Factor)-Limit
- 2. Factor= Antenna factor+Cable attenuation factor(cable loss)-Amplifier gain
- 3. All modes have been tested, only show the worst case.



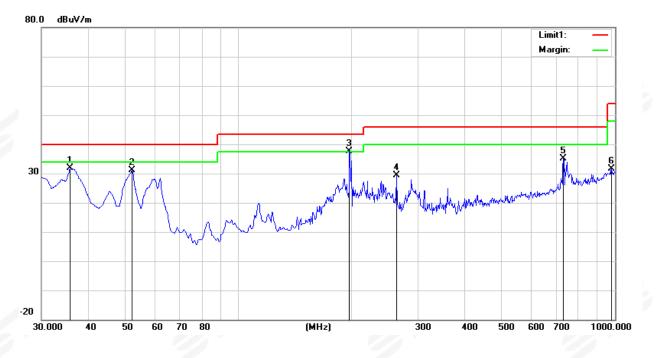


Report No.: STS2404100W02

| Temperature: | 23.1(C) | Relative Humidity: | 60%RH |
|---------------|-----------------------------|--------------------|----------|
| Test Voltage: | DC 3.8V | Phase: | Vertical |
| Test Mode: | Mode 4/5/6 (Mode 6 worst mo | ode) | 11 |

| No. | Frequency Reading | | Correct Result | | Limit | Margin | Remark |
|------|-------------------|---------|------------------|----------|----------|---------|---------|
| 140. | Trequency | Reading | | Nesun | Liiiit | wai gin | Keinark |
| | (MHz) | (dBuV) | Factor(dB/ m) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 35.8200 | 47.83 | -15.91 | 31.92 | 40.00 | -8.08 | peak |
| 2 | 52.3100 | 55.37 | -24.19 | 31.18 | 40.00 | -8.82 | peak |
| 3 | 197.8100 | 58.76 | -21.12 | 37.64 | 43.50 | -5.86 | peak |
| 4 | 263.7700 | 44.18 | -14.75 | 29.43 | 46.00 | -16.57 | peak |
| 5 | 730.3400 | 37.64 | -2.46 | 35.18 | 46.00 | -10.82 | peak |
| 6 | 980.6000 | 28.96 | 2.63 | 31.59 | 54.00 | -22.41 | peak |

- 1. Margin = Result (Result = Reading + Factor)-Limit
- Factor= Antenna factor+Cable attenuation factor(cable loss)-Amplifier gain
- 3. All modes have been tested, only show the worst case.





(1GHz-25GHz) Spurious emission Requirements

1M PHY GFSK

| | | | | | | L | | | | |
|-----------|------------------|-----------|-------|-------------------|---------------------|-------------------|----------|--------|----------|------------|
| Frequency | Meter Reading | Amplifier | Loss | Antenna Factor | Corrected Factor | Emission Level | Limits | Margin | Detector | Comment |
| (MHz) | (dBµV) | (dB) | (dB) | (dB/m) | (dB) | (dBµV/m) | (dBµV/m) | (dB) | Туре | |
| | | | | Low Cl | nannel (GFSK/2 | 2402 MHz) | | | | |
| 3264.61 | 61.22 | 44.70 | 6.70 | 28.20 | -9.80 | 51.42 | 74.00 | -22.58 | PK | Vertical |
| 3264.61 | 51.53 | 44.70 | 6.70 | 28.20 | -9.80 | 41.73 | 54.00 | -12.27 | AV | Vertical |
| 3264.81 | 61.88 | 44.70 | 6.70 | 28.20 | -9.80 | 52.08 | 74.00 | -21.92 | PK | Horizontal |
| 3264.81 | 50.05 | 44.70 | 6.70 | 28.20 | -9.80 | 40.25 | 54.00 | -13.75 | AV | Horizontal |
| 4804.53 | 58.15 | 44.20 | 9.04 | 31.60 | -3.56 | 54.59 | 74.00 | -19.41 | PK | Vertical |
| 4804.53 | 49.98 | 44.20 | 9.04 | 31.60 | -3.56 | 46.42 | 54.00 | -7.58 | AV | Vertical |
| 4804.42 | 58.38 | 44.20 | 9.04 | 31.60 | -3.56 | 54.82 | 74.00 | -19.18 | PK | Horizontal |
| 4804.42 | 49.76 | 44.20 | 9.04 | 31.60 | -3.56 | 46.20 | 54.00 | -7.80 | AV | Horizontal |
| 5359.88 | 48.02 | 44.20 | 9.86 | 32.00 | -2.34 | 45.68 | 74.00 | -28.32 | PK | Vertical |
| 5359.88 | 39.39 | 44.20 | 9.86 | 32.00 | -2.34 | 37.05 | 54.00 | -16.95 | AV | Vertical |
| 5359.70 | 48.56 | 44.20 | 9.86 | 32.00 | -2.34 | 46.22 | 74.00 | -27.78 | PK | Horizontal |
| 5359.70 | 38.12 | 44.20 | 9.86 | 32.00 | -2.34 | 35.78 | 54.00 | -18.22 | AV | Horizontal |
| 7205.91 | 54.16 | 43.50 | 11.40 | 35.50 | 3.40 | 57.56 | 74.00 | -16.44 | PK | Vertical |
| 7205.91 | 44.73 | 43.50 | 11.40 | 35.50 | 3.40 | 48.13 | 54.00 | -5.87 | AV | Vertical |
| 7205.83 | 54.97 | 43.50 | 11.40 | 35.50 | 3.40 | 58.37 | 74.00 | -15.63 | PK | Horizontal |
| 7205.83 | 43.85 | 43.50 | 11.40 | 35.50 | 3.40 | 47.25 | 54.00 | -6.75 | AV | Horizontal |
| | • | • | | Middle 0 | Channel (GFSK | /2440 MHz) | • | • | • | • |
| 3263.12 | 61.34 | 44.70 | 6.70 | 28.20 | -9.80 | 51.54 | 74.00 | -22.46 | PK | Vertical |
| 3263.12 | 51.74 | 44.70 | 6.70 | 28.20 | -9.80 | 41.94 | 54.00 | -12.06 | AV | Vertical |
| 3263.06 | 62.01 | 44.70 | 6.70 | 28.20 | -9.80 | 52.21 | 74.00 | -21.79 | PK | Horizontal |
| 3263.06 | 50.56 | 44.70 | 6.70 | 28.20 | -9.80 | 40.76 | 54.00 | -13.24 | AV | Horizontal |
| 4880.04 | 59.52 | 44.20 | 9.04 | 31.60 | -3.56 | 55.96 | 74.00 | -18.04 | PK | Vertical |
| 4880.04 | 49.30 | 44.20 | 9.04 | 31.60 | -3.56 | 45.74 | 54.00 | -8.26 | AV | Vertical |
| 4879.99 | 59.01 | 44.20 | 9.04 | 31.60 | -3.56 | 55.45 | 74.00 | -18.55 | PK | Horizontal |
| 4879.99 | 50.55 | 44.20 | 9.04 | 31.60 | -3.56 | 46.99 | 54.00 | -7.01 | AV | Horizontal |
| 5357.19 | 48.77 | 44.20 | 9.86 | 32.00 | -2.34 | 46.43 | 74.00 | -27.57 | PK | Vertical |
| 5357.19 | 39.33 | 44.20 | 9.86 | 32.00 | -2.34 | 36.99 | 54.00 | -17.01 | AV | Vertical |
| 5357.39 | 47.85 | 44.20 | 9.86 | 32.00 | -2.34 | 45.51 | 74.00 | -28.49 | PK | Horizontal |
| 5357.13 | 39.40 | 44.20 | 9.86 | 32.00 | -2.34 | 37.06 | 54.00 | -16.94 | AV | Horizontal |
| 7320.85 | 54.41 | 43.50 | 11.40 | 35.50 | 3.40 | 57.81 | 74.00 | -16.19 | PK | Vertical |
| 7320.85 | 44.82 | 43.50 | 11.40 | 35.50 | 3.40 | 48.22 | 54.00 | -5.78 | AV | Vertical |
| 7320.28 | 54.80 | 43.50 | 11.40 | 35.50 | 3.40 | 58.20 | 74.00 | -15.80 | PK | Horizontal |
| 7320.28 | 43.62 | 43.50 | 11.40 | 35.50 | 3.40 | 47.02 | 54.00 | -6.98 | AV | Horizontal |



Report No.: STS2404100W02

| | | | | High Char | nnel (GFSK/ | 2480 MHz) | | | | |
|---------|-------|-------|-------|-----------|-------------|-----------|-------|--------|----|------------|
| 3264.69 | 62.00 | 44.70 | 6.70 | 28.20 | -9.80 | 52.20 | 74.00 | -21.80 | PK | Vertical |
| 3264.69 | 49.91 | 44.70 | 6.70 | 28.20 | -9.80 | 40.11 | 54.00 | -13.89 | AV | Vertical |
| 3264.77 | 60.89 | 44.70 | 6.70 | 28.20 | -9.80 | 51.09 | 74.00 | -22.91 | PK | Horizontal |
| 3264.77 | 50.04 | 44.70 | 6.70 | 28.20 | -9.80 | 40.24 | 54.00 | -13.76 | AV | Horizontal |
| 4960.51 | 59.12 | 44.20 | 9.04 | 31.60 | -3.56 | 55.56 | 74.00 | -18.44 | PK | Vertical |
| 4960.51 | 49.84 | 44.20 | 9.04 | 31.60 | -3.56 | 46.28 | 54.00 | -7.72 | AV | Vertical |
| 4960.52 | 59.61 | 44.20 | 9.04 | 31.60 | -3.56 | 56.05 | 74.00 | -17.95 | PK | Horizontal |
| 4960.52 | 49.98 | 44.20 | 9.04 | 31.60 | -3.56 | 46.42 | 54.00 | -7.58 | AV | Horizontal |
| 5359.76 | 48.21 | 44.20 | 9.86 | 32.00 | -2.34 | 45.87 | 74.00 | -28.13 | PK | Vertical |
| 5359.76 | 38.93 | 44.20 | 9.86 | 32.00 | -2.34 | 36.59 | 54.00 | -17.41 | AV | Vertical |
| 5359.85 | 48.07 | 44.20 | 9.86 | 32.00 | -2.34 | 45.73 | 74.00 | -28.27 | PK | Horizontal |
| 5359.85 | 39.14 | 44.20 | 9.86 | 32.00 | -2.34 | 36.80 | 54.00 | -17.20 | AV | Horizontal |
| 7439.83 | 53.56 | 43.50 | 11.40 | 35.50 | 3.40 | 56.96 | 74.00 | -17.04 | PK | Vertical |
| 7439.83 | 43.94 | 43.50 | 11.40 | 35.50 | 3.40 | 47.34 | 54.00 | -6.66 | AV | Vertical |
| 7439.72 | 53.83 | 43.50 | 11.40 | 35.50 | 3.40 | 57.23 | 74.00 | -16.77 | PK | Horizontal |
| 7439.72 | 44.43 | 43.50 | 11.40 | 35.50 | 3.40 | 47.83 | 54.00 | -6.17 | AV | Horizontal |

Note:

- 1) Factor = Antenna Factor + Cable Loss Pre-amplifier.
 - Emission Level = Reading + Factor.
- 2) The frequency emission of peak points that did not show above the forms are at least 20dB below the limit, the frequency emission is mainly from the environment noise.





2M PHY GFSK

| | Mart | | | Anti | 0 | | | | | |
|-----------|------------------|-----------|-------|-------------------|---------------------|-------------------|----------|--------|----------|------------|
| Frequency | Meter Reading | Amplifier | Loss | Antenna Factor | Corrected Factor | Emission Level | Limits | Margin | Detector | Comment |
| (MHz) | (dBµV) | (dB) | (dB) | (dB/m) | (dB) | (dBµV/m) | (dBµV/m) | (dB) | Туре | |
| | | | 1 a 1 | Low Ch | nannel (GFSK/2 | 2402 MHz) | | | 1 A. | |
| 3264.76 | 61.34 | 44.70 | 6.70 | 28.20 | -9.80 | 51.54 | 74.00 | -22.46 | PK | Vertical |
| 3264.76 | 51.16 | 44.70 | 6.70 | 28.20 | -9.80 | 41.36 | 54.00 | -12.64 | AV | Vertical |
| 3264.68 | 61.93 | 44.70 | 6.70 | 28.20 | -9.80 | 52.13 | 74.00 | -21.87 | PK | Horizontal |
| 3264.68 | 50.16 | 44.70 | 6.70 | 28.20 | -9.80 | 40.36 | 54.00 | -13.64 | AV | Horizontal |
| 4804.41 | 58.51 | 44.20 | 9.04 | 31.60 | -3.56 | 54.95 | 74.00 | -19.05 | PK | Vertical |
| 4804.41 | 50.18 | 44.20 | 9.04 | 31.60 | -3.56 | 46.62 | 54.00 | -7.38 | AV | Vertical |
| 4804.33 | 58.84 | 44.20 | 9.04 | 31.60 | -3.56 | 55.28 | 74.00 | -18.72 | PK | Horizontal |
| 4804.33 | 49.14 | 44.20 | 9.04 | 31.60 | -3.56 | 45.58 | 54.00 | -8.42 | AV | Horizontal |
| 5359.87 | 48.58 | 44.20 | 9.86 | 32.00 | -2.34 | 46.24 | 74.00 | -27.76 | PK | Vertical |
| 5359.87 | 39.41 | 44.20 | 9.86 | 32.00 | -2.34 | 37.07 | 54.00 | -16.93 | AV | Vertical |
| 5359.70 | 47.84 | 44.20 | 9.86 | 32.00 | -2.34 | 45.50 | 74.00 | -28.50 | PK | Horizontal |
| 5359.70 | 38.84 | 44.20 | 9.86 | 32.00 | -2.34 | 36.50 | 54.00 | -17.50 | AV | Horizontal |
| 7205.70 | 54.22 | 43.50 | 11.40 | 35.50 | 3.40 | 57.62 | 74.00 | -16.38 | PK | Vertical |
| 7205.70 | 44.77 | 43.50 | 11.40 | 35.50 | 3.40 | 48.17 | 54.00 | -5.83 | AV | Vertical |
| 7205.80 | 53.96 | 43.50 | 11.40 | 35.50 | 3.40 | 57.36 | 74.00 | -16.64 | PK | Horizontal |
| 7205.80 | 44.41 | 43.50 | 11.40 | 35.50 | 3.40 | 47.81 | 54.00 | -6.19 | AV | Horizontal |
| | • | • | | Middle C | Channel (GFSK | /2440 MHz) | | | | |
| 3262.96 | 61.17 | 44.70 | 6.70 | 28.20 | -9.80 | 51.37 | 74.00 | -22.63 | PK | Vertical |
| 3262.96 | 51.51 | 44.70 | 6.70 | 28.20 | -9.80 | 41.71 | 54.00 | -12.29 | AV | Vertical |
| 3263.01 | 61.33 | 44.70 | 6.70 | 28.20 | -9.80 | 51.53 | 74.00 | -22.47 | PK | Horizontal |
| 3263.01 | 50.74 | 44.70 | 6.70 | 28.20 | -9.80 | 40.94 | 54.00 | -13.06 | AV | Horizontal |
| 4879.86 | 58.53 | 44.20 | 9.04 | 31.60 | -3.56 | 54.97 | 74.00 | -19.03 | PK | Vertical |
| 4879.86 | 49.50 | 44.20 | 9.04 | 31.60 | -3.56 | 45.94 | 54.00 | -8.06 | AV | Vertical |
| 4880.09 | 58.62 | 44.20 | 9.04 | 31.60 | -3.56 | 55.06 | 74.00 | -18.94 | PK | Horizontal |
| 4880.09 | 49.28 | 44.20 | 9.04 | 31.60 | -3.56 | 45.72 | 54.00 | -8.28 | AV | Horizontal |
| 5357.26 | 48.89 | 44.20 | 9.86 | 32.00 | -2.34 | 46.55 | 74.00 | -27.45 | PK | Vertical |
| 5357.26 | 39.06 | 44.20 | 9.86 | 32.00 | -2.34 | 36.72 | 54.00 | -17.28 | AV | Vertical |
| 5357.39 | 48.35 | 44.20 | 9.86 | 32.00 | -2.34 | 46.01 | 74.00 | -27.99 | PK | Horizontal |
| 5356.96 | 38.84 | 44.20 | 9.86 | 32.00 | -2.34 | 36.50 | 54.00 | -17.50 | AV | Horizontal |
| 7320.85 | 54.52 | 43.50 | 11.40 | 35.50 | 3.40 | 57.92 | 74.00 | -16.08 | PK | Vertical |
| 7320.85 | 44.54 | 43.50 | 11.40 | 35.50 | 3.40 | 47.94 | 54.00 | -6.06 | AV | Vertical |
| 7320.33 | 53.51 | 43.50 | 11.40 | 35.50 | 3.40 | 56.91 | 74.00 | -17.09 | PK | Horizontal |
| 7320.33 | 44.44 | 43.50 | 11.40 | 35.50 | 3.40 | 47.84 | 54.00 | -6.16 | AV | Horizontal |



Report No.: STS2404100W02

| | | | | High Chai | nnel (GFSK/ | 2480 MHz) | | | | |
|---------|-------|-------|-------|-----------|-------------|-----------|-------|--------|----|------------|
| 3264.74 | 62.31 | 44.70 | 6.70 | 28.20 | -9.80 | 52.51 | 74.00 | -21.49 | PK | Vertical |
| 3264.74 | 50.77 | 44.70 | 6.70 | 28.20 | -9.80 | 40.97 | 54.00 | -13.03 | AV | Vertical |
| 3264.61 | 60.88 | 44.70 | 6.70 | 28.20 | -9.80 | 51.08 | 74.00 | -22.92 | PK | Horizontal |
| 3264.61 | 49.86 | 44.70 | 6.70 | 28.20 | -9.80 | 40.06 | 54.00 | -13.94 | AV | Horizontal |
| 4960.51 | 58.61 | 44.20 | 9.04 | 31.60 | -3.56 | 55.05 | 74.00 | -18.95 | PK | Vertical |
| 4960.51 | 49.83 | 44.20 | 9.04 | 31.60 | -3.56 | 46.27 | 54.00 | -7.73 | AV | Vertical |
| 4960.61 | 58.60 | 44.20 | 9.04 | 31.60 | -3.56 | 55.04 | 74.00 | -18.96 | PK | Horizontal |
| 4960.61 | 49.72 | 44.20 | 9.04 | 31.60 | -3.56 | 46.16 | 54.00 | -7.84 | AV | Horizontal |
| 5359.60 | 48.36 | 44.20 | 9.86 | 32.00 | -2.34 | 46.02 | 74.00 | -27.98 | PK | Vertical |
| 5359.60 | 39.91 | 44.20 | 9.86 | 32.00 | -2.34 | 37.57 | 54.00 | -16.43 | AV | Vertical |
| 5359.60 | 48.29 | 44.20 | 9.86 | 32.00 | -2.34 | 45.95 | 74.00 | -28.05 | PK | Horizontal |
| 5359.60 | 38.72 | 44.20 | 9.86 | 32.00 | -2.34 | 36.38 | 54.00 | -17.62 | AV | Horizontal |
| 7439.77 | 54.00 | 43.50 | 11.40 | 35.50 | 3.40 | 57.40 | 74.00 | -16.60 | PK | Vertical |
| 7439.77 | 44.84 | 43.50 | 11.40 | 35.50 | 3.40 | 48.24 | 54.00 | -5.76 | AV | Vertical |
| 7439.70 | 54.61 | 43.50 | 11.40 | 35.50 | 3.40 | 58.01 | 74.00 | -15.99 | PK | Horizontal |
| 7439.70 | 43.92 | 43.50 | 11.40 | 35.50 | 3.40 | 47.32 | 54.00 | -6.68 | AV | Horizontal |

Note:

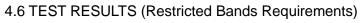
1) Factor = Antenna Factor + Cable Loss – Pre-amplifier.

Emission Level = Reading + Factor.

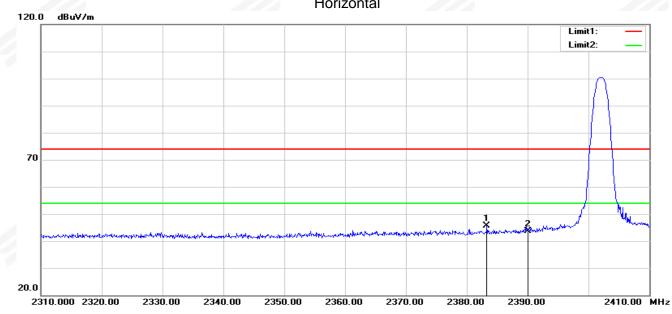
2) The frequency emission of peak points that did not show above the forms are at least 20dB below the limit, the frequency emission is mainly from the environment noise.



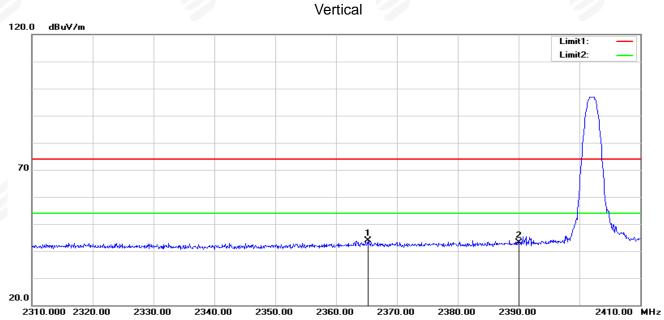








| No. | Frequency | Reading | Correct | Result | Limit | Margin | Remark |
|-----|-----------|---------|--------------|----------|----------|--------|--------|
| | (MHz) | (dBuV) | Factor(dB/m) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 2383.300 | 41.39 | 4.24 | 45.63 | 74.00 | -28.37 | peak |
| 2 | 2390.000 | 39.40 | 4.34 | 43.74 | 74.00 | -30.26 | peak |

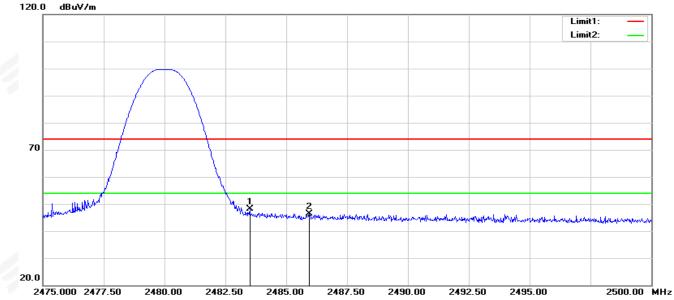


| No. | Frequency | Reading | Correct | Result | Limit | Margin | Remark |
|-----|-----------|---------|--------------|----------|----------|--------|--------|
| | (MHz) | (dBuV) | Factor(dB/m) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 2365.200 | 40.01 | 3.97 | 43.98 | 74.00 | -30.02 | peak |
| 2 | 2390.000 | 38.91 | 4.34 | 43.25 | 74.00 | -30.75 | peak |

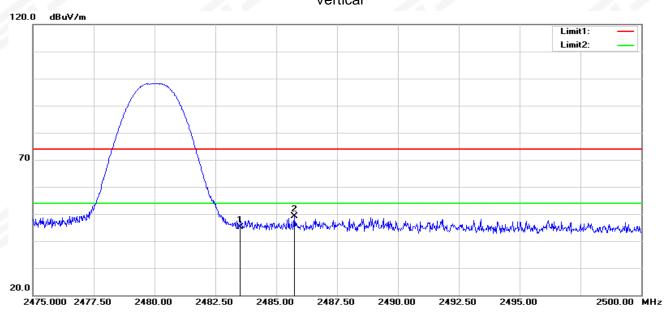


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GFSK-High Horizontal



| No. | Frequency | Reading | Correct | Result | Limit | Margin | Remark |
|-----|-----------|---------|--------------|----------|----------|--------|--------|
| | (MHz) | (dBuV) | Factor(dB/m) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 2483.500 | 43.58 | 4.60 | 48.18 | 74.00 | -25.82 | peak |
| 2 | 2485.950 | 41.77 | 4.61 | 46.38 | 74.00 | -27.62 | peak |



| No. | Frequency | Reading | Correct | Result | Limit | Margin | Remark |
|-----|-----------|---------|--------------|----------|----------|--------|--------|
| | (MHz) | (dBuV) | Factor(dB/m) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 2483.500 | 40.57 | 4.60 | 45.17 | 74.00 | -28.83 | peak |
| 2 | 2485.750 | 44.46 | 4.61 | 49.07 | 74.00 | -24.93 | peak |
| | · | 1 | | | | | |

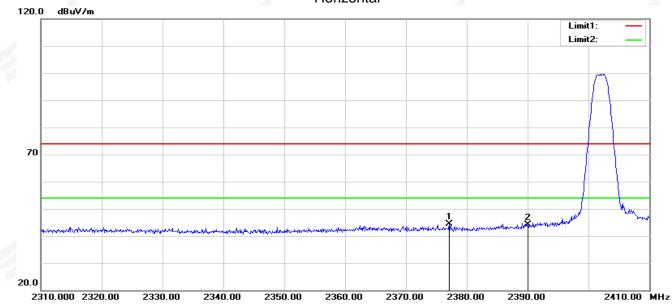
Vertical



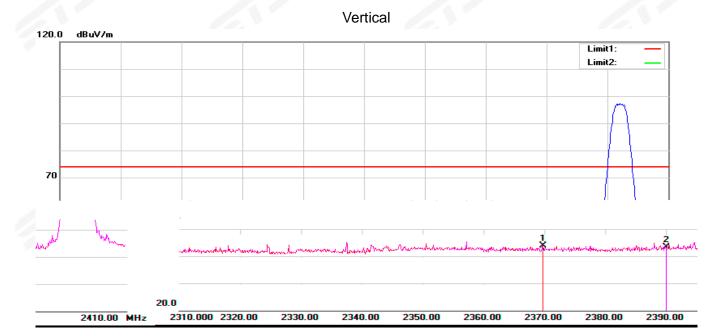


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2M PHY GFSK-Low Horizontal



| No. | Frequency | Reading | Correct | Result | Limit | Margin | Remark |
|-----|-----------|---------|--------------|----------|----------|--------|--------|
| | (MHz) | (dBuV) | Factor(dB/m) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 2377.100 | 40.12 | 4.14 | 44.26 | 74.00 | -29.74 | peak |
| 2 | 2390.000 | 39.78 | 4.34 | 44.12 | 74.00 | -29.88 | peak |

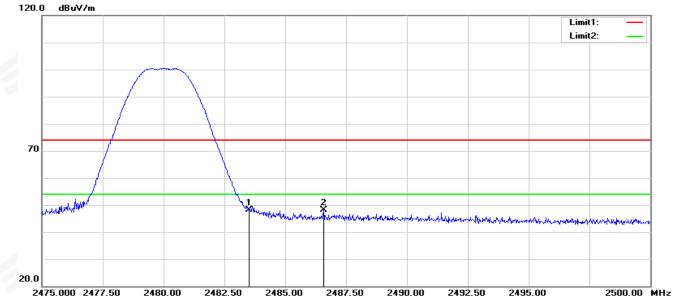


| | No. | Frequency | Reading | Correct | Result | Limit | Margin | Remark |
|---|-----|-----------|---------|--------------|----------|----------|--------|--------|
| | | (MHz) | (dBuV) | Factor(dB/m) | (dBuV/m) | (dBuV/m) | (dB) | |
| | 1 | 2369.800 | 39.79 | 4.04 | 43.83 | 74.00 | -30.17 | peak |
| 1 | 2 | 2390.000 | 39.02 | 4.34 | 43.36 | 74.00 | -30.64 | peak |

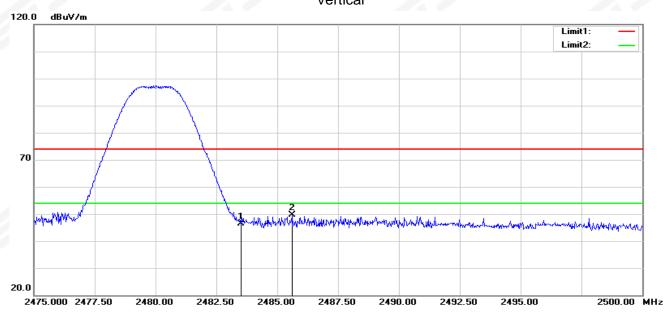


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GFSK-High Horizontal



| No. | Frequency | Reading | Correct | Result | Limit | Margin | Remark |
|-----|-----------|---------|--------------|----------|----------|--------|--------|
| | (MHz) | (dBuV) | Factor(dB/m) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 2483.500 | 43.57 | 4.60 | 48.17 | 74.00 | -25.83 | peak |
| 2 | 2486.575 | 43.63 | 4.61 | 48.24 | 74.00 | -25.76 | peak |



| N | No. | Frequency | Reading | Correct | Result | Limit | Margin | Remark |
|---|-----|-----------|---------|--------------|----------|----------|--------|--------|
| | | (MHz) | (dBuV) | Factor(dB/m) | (dBuV/m) | (dBuV/m) | (dB) | |
| | 1 | 2483.500 | 41.89 | 4.60 | 46.49 | 74.00 | -27.51 | peak |
| 2 | 2 | 2485.600 | 45.08 | 4.61 | 49.69 | 74.00 | -24.31 | peak |

Vertical

5. CONDUCTED SPURIOUS & BAND EDGE EMISSION

5.1 LIMIT

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.

5.2 TEST PROCEDURE

| Spectrum Parameter | Setting | | |
|---------------------------------------|---------------------------------|--|--|
| Detector | Peak | | |
| Start/Stop Frequency | 30 MHz to 10th carrier harmonic | | |
| RB / VB (emission in restricted band) | 100 KHz/300 KHz | | |
| Trace-Mode: | Max hold | | |

For Band edge

| Spectrum Parameter | Setting |
|---------------------------------------|----------------------------------|
| Detector | Peak |
| Stort/Stop Fraguenov | Lower Band Edge: 2300 – 2407 MHz |
| Start/Stop Frequency | Upper Band Edge: 2475 – 2500 MHz |
| RB / VB (emission in restricted band) | 100 KHz/300 KHz |
| Trace-Mode: | Max hold |

5.3 TEST SETUP



The EUT is connected to the Spectrum Analyzer; the RF load attached to the EUT antenna termina is 50 Ohm; the path loss as the factor is calibrated to correct the reading. Make the measurement with the spectrum analyzer's resolution bandwidth(RBW) = 100 kHz. In order to make an accurate measurement, set the span greater than RBW.

5.4 EUT OPERATION CONDITIONS Please refer to section 3.4 of this report.

5.5 TEST RESULTS

Note: The test data please refer to APPENDIX 1.



6. POWER SPECTRAL DENSITY TEST

6.1 LIMIT

| | FCC Pa | art 15.247,Subpart C | | |
|-----------|------------------------|----------------------|--------------------------|--------|
| Section | Test Item | Limit | Frequency Range (MHz) | Result |
| 15.247(e) | Power Spectral Density | ≤8 dBm (RBW≥3KHz) | 2400-2483.5 | PASS |

6.2 TEST PROCEDURE

- 1. Set analyzer center frequency to DTS channel center frequency.
- 2. Set the span to 1.5 times the DTS channel bandwidth.
- 3. Set the RBW to: 100 kHz \ge RBW \ge 3 kHz.
- 4. Set the VBW \geq 3 x RBW.
- 5. Detector = peak.
- 6. Sweep time = auto couple.
- 7. Trace mode = max hold.
- 8. Allow trace to fully stabilize.
- 9. Use the peak marker function to determine the maximum amplitude level.
- 10. If measured value exceeds limit, reduce RBW (no less than 3 kHz) and repeat.

6.3 TEST SETUP



6.4 EUT OPERATION CONDITIONS Please refer to section 3.4 of this report.

6.5 TEST RESULTS

Note: The test data please refer to APPENDIX 1.



7.1 LIMIT

| | F | CC Part 15.247,Subpa | ort C | |
|--------------|-----------|------------------------------|--------------------------|--------|
| Section | Test Item | Limit | Frequency Range (MHz) | Result |
| 15.247(a)(2) | Bandwidth | >= 500KHz (6dB bandwidth) | 2400-2483.5 | PASS |

7.2 TEST PROCEDURE

The automatic bandwidth measurement capability of an instrument may be employed using the X dB bandwidth mode with X set to 6 dB, if the functionality described above (i.e., RBW = 100 kHz, VBW≥3RBW, peak detector with maximum hold) is implemented by the instrumentation function. When using this capability, care shall be taken so that the bandwidth measurement is not influenced by any intermediate power nulls in the fundamental emission that might be≥6 dB.

7.3 TEST SETUP



7.4 EUT OPERATION CONDITIONS Please refer to section 3.4 of this report.

7.5 TEST RESULTS

Note: The test data please refer to APPENDIX 1.



8. PEAK OUTPUT POWER TEST

8.1 LIMIT

| | F | CC Part 15.247,Subpa | rt C | |
|--------------|--------------|----------------------|--------------------------|--------|
| Section | Test Item | Limit | Frequency Range (MHz) | Result |
| 15.247(b)(3) | Output Power | 1 watt or 30dBm | 2400-2483.5 | PASS |

8.2 TEST PROCEDURE

One of the following procedures may be used to determine the averaging conducted output powe r of a DTS EUT.

Method AVGSA-2 uses trace averaging across ON and OFF times of the EUT transmissions, foll owed by duty cycle correction. The procedure for this method is as follows:

a) Measure the duty cycle D of the transmitter output signal as described in 11.6.

b) Set span to at least 1.5 times the OBW.

c) Set RBW = 1% to 5% of the OBW, not to exceed 1 MHz.

d) Set VBW \geq [3 × RBW].

e) Number of points in sweep \geq [2 × span / RBW]. (This gives bin-to-bin spacing \leq RBW / 2, so th at narrowband signals are not lost between frequency bins.)

f) Sweep time = auto.

g) Detector = RMS (i.e., power averaging), if available. Otherwise, use the sample detector mode
 h) Do not use sweep triggering. Allow the sweep to "free run."

i) Trace average at least 100 traces in power averaging (rms) mode; however, the number of trac es to be averaged shall be increased above 100 as needed such that the average accurately re presents the true average over the ON and OFF periods of the transmitter.

j) Compute power by integrating the spectrum across the OBW of the signal using the instrument 's band power measurement function with band limits set equal to the OBW band edges. If the in strument does not have a band power function, then sum the spectrum levels (in power units) at intervals equal to the RBW extending across the entire OBW of the spectrum.

k) Add [10 log (1 / D)], where D is the duty cycle, to the measured power to compute the average power during the actual transmission times (because the measurement represents an average o ver both the ON and OFF times of the transmission). For example, add [10 log (1/0.25)] = 6 dB if the duty cycle is 25%.

One of the following procedures may be used to determine the maximum peak conducted output power of a DTS EUT.

 $RBW \ge DTS$ bandwidth

The following procedure shall be used when an instrument with a resolution bandwidth that is greater than the DTS bandwidth is available to perform the measurement:

a) Set the RBW \geq DTS bandwidth.

b) Set VBW \geq [3 × RBW].

c) Set span \geq [3 × RBW].

d) Sweep time = auto couple.

e) Detector = peak.

f) Trace mode = max hold.

g) Allow trace to fully stabilize.

h) Use peak marker function to determine the peak amplitude level.



Integrated band power method:

The following procedure can be used when the maximum available RBW of the instrument is less than the

DTS bandwidth:

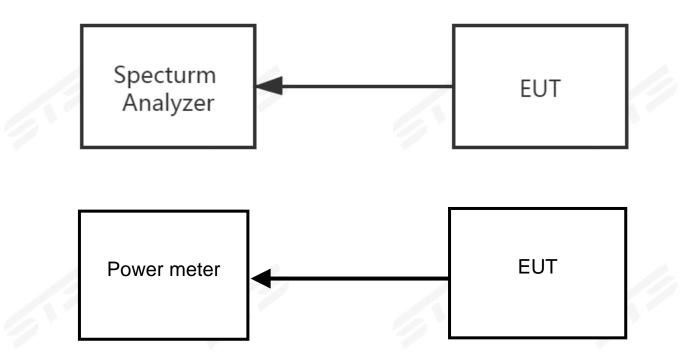
- a) Set the RBW = 1 MHz.
- b) Set the VBW \geq [3 × RBW].
- c) Set the span \geq [1.5 × DTS bandwidth].
- d) Detector = peak.
- e) Sweep time = auto couple.
- f) Trace mode = max hold.
- g) Allow trace to fully stabilize.

h) Use the instrument's band/channel power measurement function with the band limits set equal to the DTS bandwidth edges (for some instruments, this may require a manual override to select the peak detector). If the instrument does not have a band power function, then sum the spectrum levels (in linear power units) at intervals equal to the RBW extending across the DTS channel bandwidth.

PKPM1 Peak power meter method:

The maximum peak conducted output power may be measured using a broadband peak RF power meter. The power meter shall have a video bandwidth that is greater than or equal to the DTS bandwidth and shall use a fast-responding diode detector.

8.3 TEST SETUP



8.4 EUT OPERATION CONDITIONS Please refer to section 3.4 of this report.

8.5 TEST RESULTS

Note: The test data please refer to APPENDIX 1.



9. ANTENNA REQUIREMENT

9.1 STANDARD REQUIREMENT

15.203 requirement: For intentional device, according to 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.

9.2 EUT ANTENNA

The EUT antenna is FPC antenna Antenna. It comply with the standard requirement.

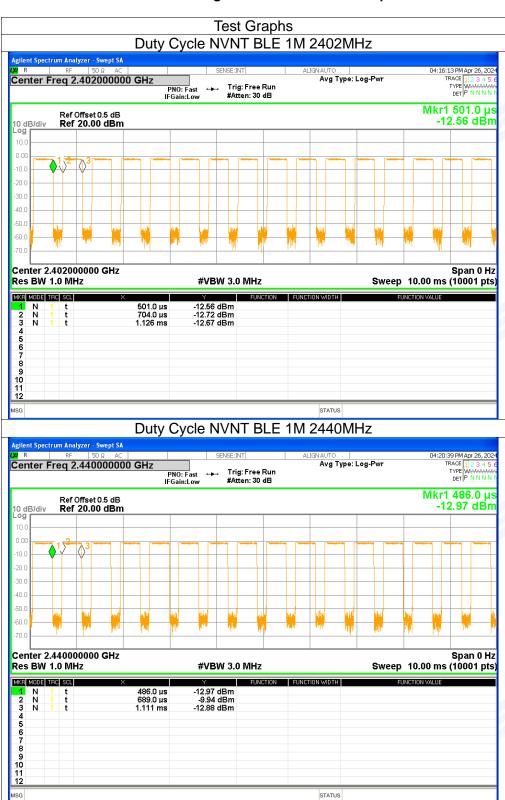


1. Duty Cycle

| | - , | | | | |
|-----------|--------|-----------------|----------------|------------------------|-----------|
| Condition | Mode | Frequency (MHz) | Duty Cycle (%) | Correction Factor (dB) | 1/T (kHz) |
| NVNT | BLE 1M | 2402 | 67.52 | 1.71 | 2.37 |
| NVNT | BLE 1M | 2440 | 67.52 | 1.71 | 2.37 |
| NVNT | BLE 1M | 2480 | 67.52 | 1.71 | 2.37 |
| NVNT | BLE 2M | 2402 | 38.4 | 4.16 | 4.17 |
| NVNT | BLE 2M | 2440 | 38 | 4.2 | 4.21 |
| NVNT | BLE 2M | 2480 | 38.08 | 4.19 | 4.2 |

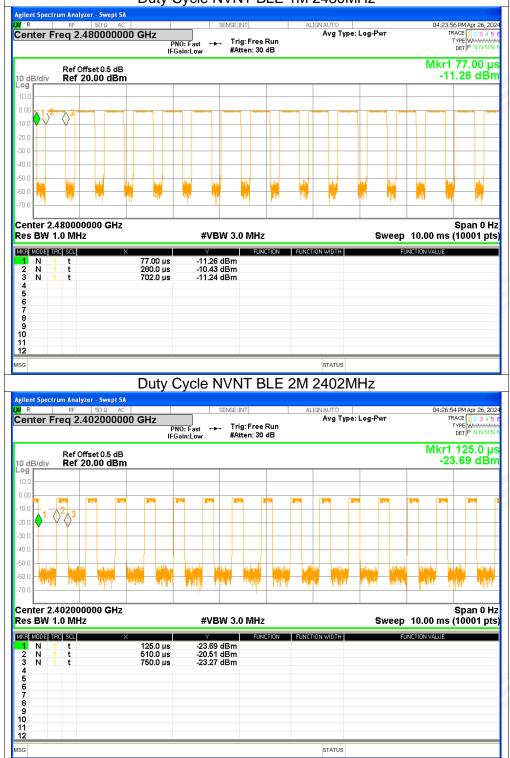


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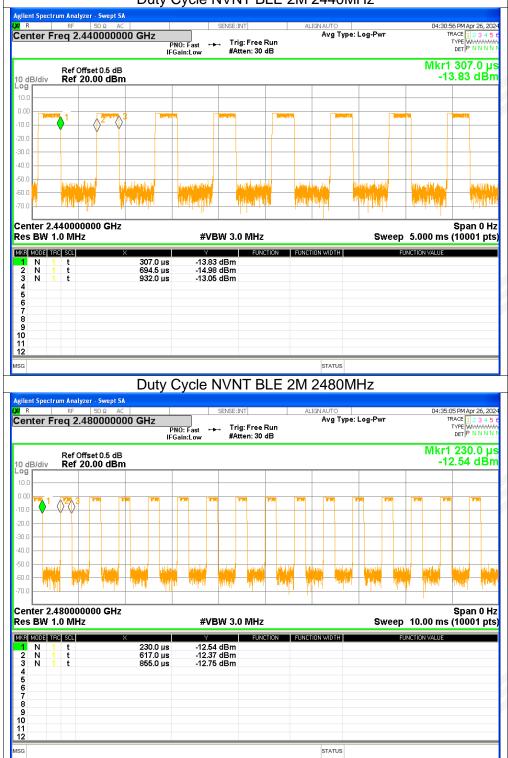


Duty Cycle NVNT BLE 1M 2480MHz





Duty Cycle NVNT BLE 2M 2440MHz





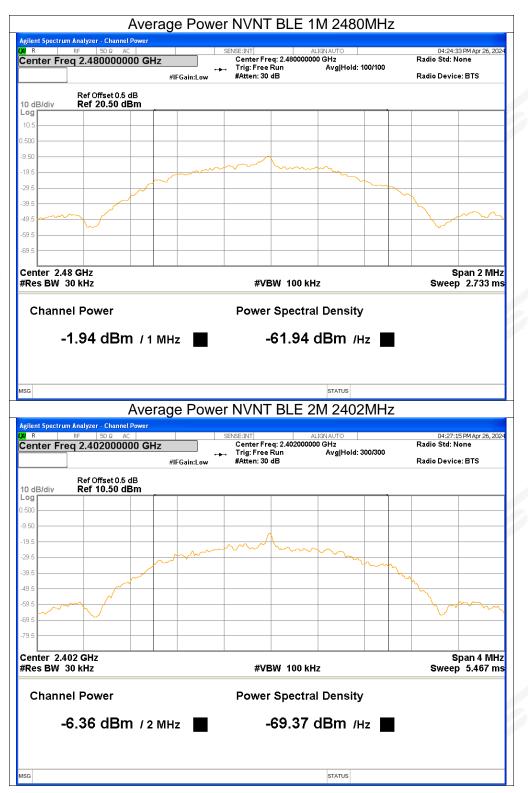
2. Maximum Average Conducted Output Power

| Condition | Mode | Frequency (MHz) | Conducted Power (dBm) | Duty Factor (dB) | Total Power (dBm) | Limit (dBm) | Verdict |
|-----------|--------|--------------------|--------------------------|------------------------|-------------------------|----------------|---------|
| NVNT | BLE 1M | 2402 | -3.78 | 1.71 | -2.07 | <=30 | Pass |
| NVNT | BLE 1M | 2440 | -3.19 | 1.71 | -1.48 | <=30 | Pass |
| NVNT | BLE 1M | 2480 | -1.94 | 1.71 | -0.23 | <=30 | Pass |
| NVNT | BLE 2M | 2402 | -6.36 | 4.16 | -2.2 | <=30 | Pass |
| NVNT | BLE 2M | 2440 | -5.76 | 4.2 | -1.56 | <=30 | Pass |
| NVNT | BLE 2M | 2480 | -4.86 | 4.19 | -0.67 | <=30 | Pass |

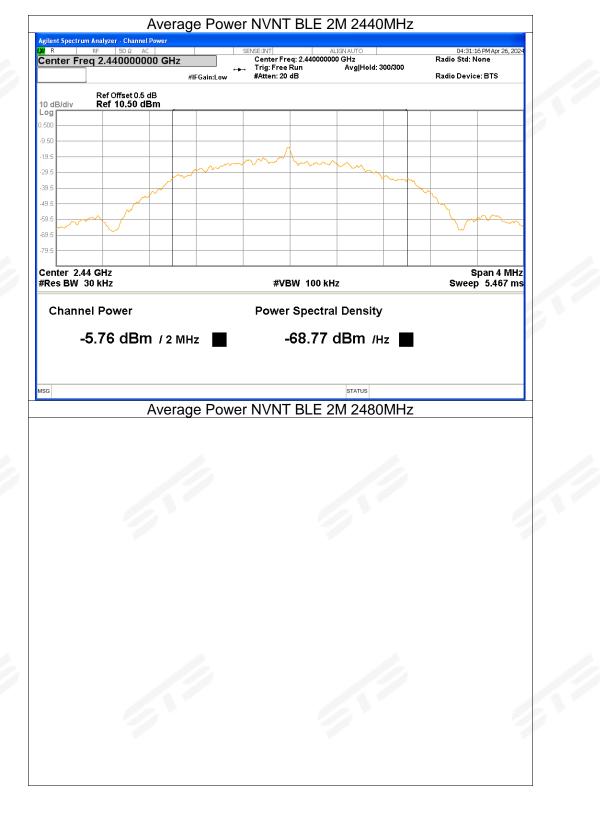
















3. Maximum Peak Conducted Output Power

| Condition | Mode | Frequency (MHz) | Conducted Power (dBm) | Limit (dBm) | Verdict |
|-----------|--------|-----------------|-----------------------|-------------|---------|
| NVNT | BLE 1M | 2402 | -1.86 | <=30 | Pass |
| NVNT | BLE 1M | 2440 | -1.2 | <=30 | Pass |
| NVNT | BLE 1M | 2480 | -0.23 | <=30 | Pass |
| NVNT | BLE 2M | 2402 | -1.72 | <=30 | Pass |
| NVNT | BLE 2M | 2440 | -1 | <=30 | Pass |
| NVNT | BLE 2M | 2480 | -0.09 | <=30 | Pass |











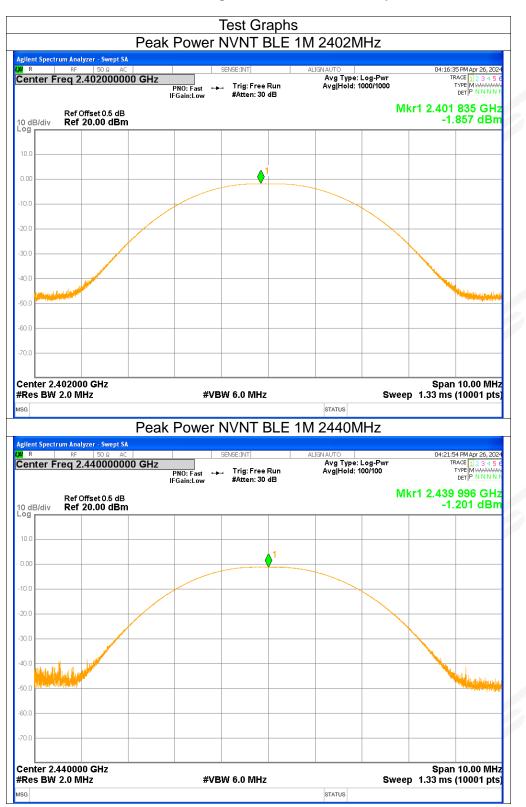








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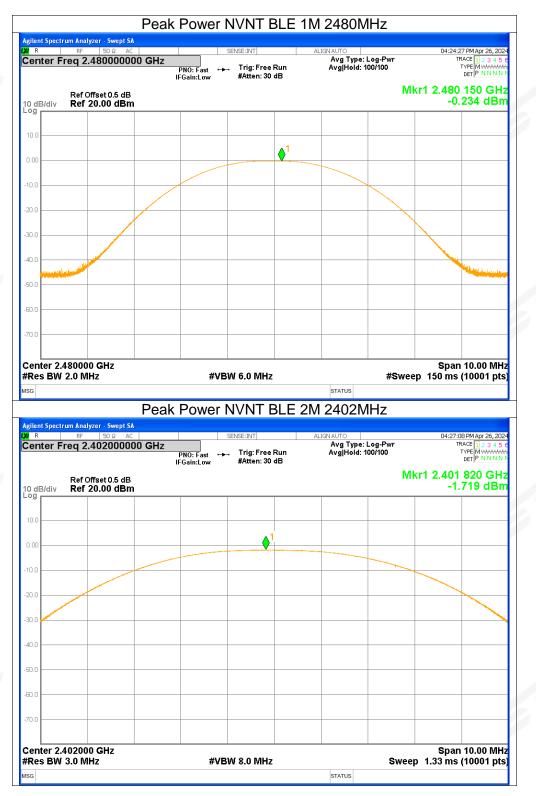


1

- 4

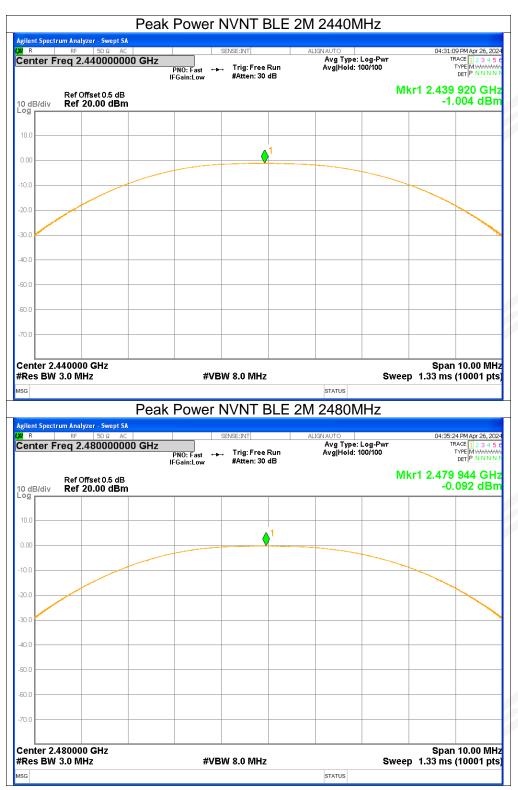


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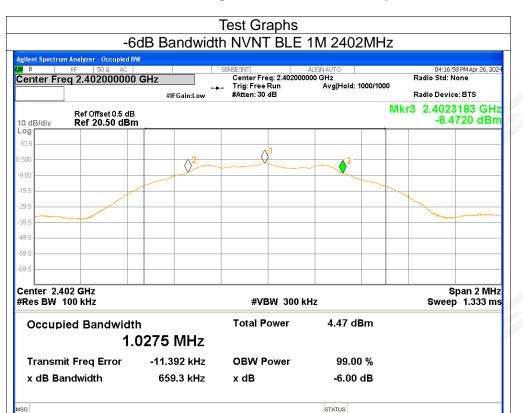




4. -6dB Bandwidth

| Condition | Mode | Frequency (MHz) | -6 dB Bandwidth (MHz) | Limit -6 dB Bandwidth (MHz) | Verdict |
|-----------|--------|--------------------|--------------------------|--------------------------------|---------|
| NVNT | BLE 1M | 2402 | 0.6593 | >=0.5 | Pass |
| NVNT | BLE 1M | 2440 | 0.6549 | >=0.5 | Pass |
| NVNT | BLE 1M | 2480 | 0.6566 | >=0.5 | Pass |
| NVNT | BLE 2M | 2402 | 1.0697 | >=0.5 | Pass |
| NVNT | BLE 2M | 2440 | 1.0823 | >=0.5 | Pass |
| NVNT | BLE 2M | 2480 | 1.0841 | >=0.5 | Pass |





-6dB Bandwidth NVNT BLE 1M 2440MHz





t Spectrum Analyzer - Occupied BW 04:24:49 PM Apr 26, 20 Radio Std: None NSE:INT ALIGN AUTO Center Freq: 2.48000000 GHz Trig: Free Run Avg|Hold: 1000/1000 #Atten: 30 dB Center Freq 2.480000000 GHz Radio Device: BTS #IFGain:Low Mkr3 2.4803161 GHz Ref Offset 0.5 dB Ref 20.50 dBm -6.8083 dBm 10 dB/div Loa 10. $\langle \rangle$.50 $\binom{2}{2}$ **∮**³ -9.50 -19. 29. 39. -49 59 / Center 2.48 GHz Span 2 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 1.333 ms **Total Power** 6.12 dBm **Occupied Bandwidth** 1.0273 MHz -12.217 kHz **Transmit Freq Error OBW Power** 99.00 % x dB Bandwidth 656.6 kHz x dB -6.00 dB STATUS ISG -6dB Bandwidth NVNT BLE 2M 2402MHz ctrum Analyzer - Occupied BW 04:27:22 PM Apr 26, 20 Radio Std: None Center Freq: 2.402000000 GHz Trig: Free Run Avg #Atten: 30 dB Center Freq 2.402000000 GHz Avg|Hold: 100/100 Radio Device: BTS #IFGain:Low Mkr3 2.4025318 GHz Ref Offset 0.5 dB Ref 20.50 dBm -8.5143 dBm 10 dB/div Log 10.5 .500 9.50 -19.5 -29.5 -39.5 -49.5 -59.5 69. Center 2.402 GHz Span 4 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 1.333 ms **Total Power** 4.30 dBm **Occupied Bandwidth** 2.0222 MHz **Transmit Freq Error** -3.040 kHz **OBW Power** 99.00 % 1.070 MHz -6.00 dB x dB Bandwidth x dB STATUS

-6dB Bandwidth NVNT BLE 1M 2480MHz



-6dB Bandwidth NVNT BLE 2M 2440MHz ectrum Analyzer - Occupied BW 04:31:23 PM Apr 26, 20 Radio Std: None VSE:INT ALIGNAUTO Center Freq: 2.440000000 GHz Trig: Free Run Avg|Hold: 100/100 #Atten: 30 dB Center Freq 2.440000000 GHz Radio Device: BTS #IFGain:Low Mkr3 2.4405376 GHz Ref Offset 0.5 dB Ref 20.50 dBm -7.8101 dBm 10 dB/div Loa 10. .50 9.50 -19. 29. 39. -49 59 / Center 2.44 GHz Span 4 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 1.333 ms **Total Power** 4.75 dBm **Occupied Bandwidth** 2.0327 MHz -3.574 kHz **Transmit Freq Error OBW Power** 99.00 % x dB Bandwidth 1.082 MHz x dB -6.00 dB STATUS ISG -6dB Bandwidth NVNT BLE 2M 2480MHz ctrum Analyzer - Occupied BW 4:35:39 PM Apr 26, 20 Center Freq: 2.480000000 GHz Trig: Free Run Avg #Atten: 30 dB Center Freg 2.480000000 GHz Radio Std: None Avg|Hold: 100/100 Radio Device: BTS #IFGain:Low Mkr3 2.4805458 GHz Ref Offset 0.5 dB Ref 20.50 dBm -6.1143 dBm 10 dB/div Log 10.5 0 .500 9.50 -19.5 -29.5 -39.5 -49.5 -59.5 69. Center 2.48 GHz Span 4 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 1.333 ms **Total Power** 5.64 dBm **Occupied Bandwidth** 2.0127 MHz **Transmit Freq Error** 3.741 kHz **OBW Power** 99.00 % 1.084 MHz -6.00 dB x dB Bandwidth x dB STATUS

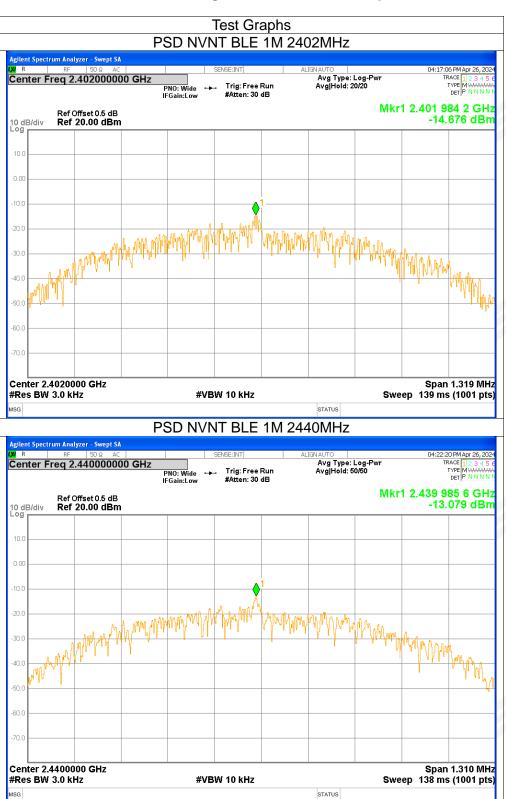


5. Maximum Power Spectral Density Level

| | T | | · · · · · · · · · · · · · · · · · · · | | |
|-----------|--------|-----------------|---------------------------------------|------------------|---------|
| Condition | Mode | Frequency (MHz) | PSD (dBm/3kHz) | Limit (dBm/3kHz) | Verdict |
| NVNT | BLE 1M | 2402 | -14.68 | <=8 | Pass |
| NVNT | BLE 1M | 2440 | -13.08 | <=8 | Pass |
| NVNT | BLE 1M | 2480 | -12.1 | <=8 | Pass |
| NVNT | BLE 2M | 2402 | -14.34 | <=8 | Pass |
| NVNT | BLE 2M | 2440 | -13.56 | <=8 | Pass |
| NVNT | BLE 2M | 2480 | -12.64 | <=8 | Pass |

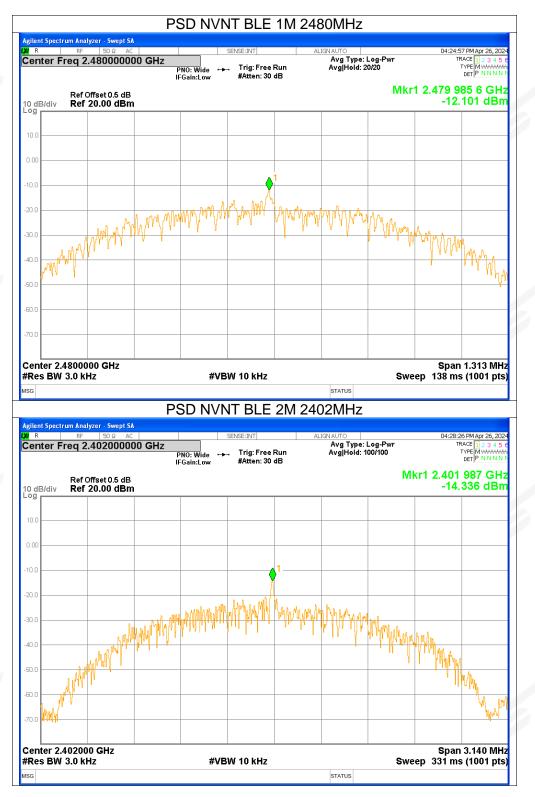


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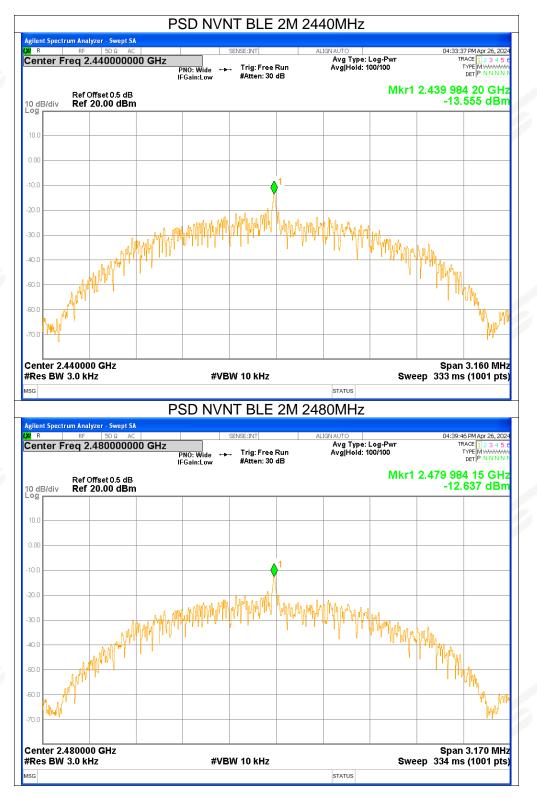


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6. Band Edge

| Condition | Mode | Frequency (MHz) | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|--------|-----------------|-----------------|-------------|---------|
| NVNT | BLE 1M | 2402 | -55.59 | <=-20 | Pass |
| NVNT | BLE 1M | 2480 | -56.6 | <=-20 | Pass |
| NVNT | BLE 2M | 2402 | -45.47 | <=-20 | Pass |
| NVNT | BLE 2M | 2480 | -57.67 | <=-20 | Pass |



















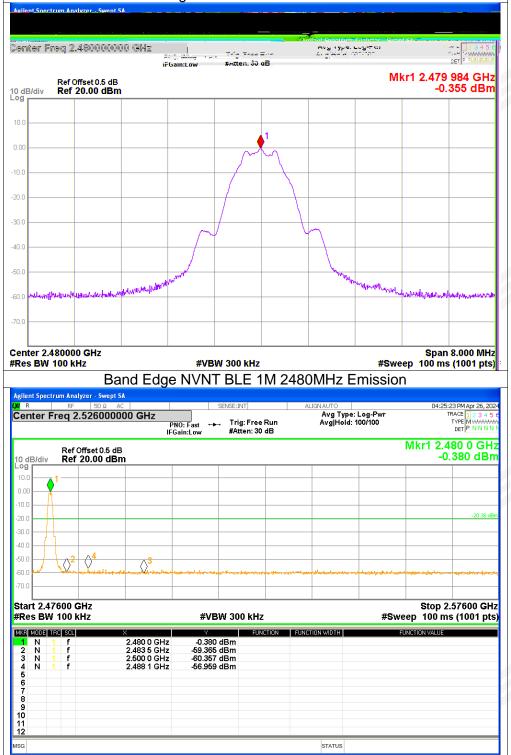
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Test Graphs Band Edge NVNT BLE 1M 2402MHz Ref Spectrum Analyzer Center Freq 2.402000000 GHz Avg Type: Log-Pwi Avg|Hold: 100/100 TRACE TYPE MWWWW DET P N N N N Trig: Free Run #Atten: 30 dB PNO: Wide IFGain:Low Mkr1 2.401 984 GHz -2.007 dBm Ref Offset 0.5 dB Ref 20.00 dBm 10 dB/div Log 10.0 0.00 20.0 30.0 -40.0 -50.0 -60.0 70.0 Center 2.402000 GHz #Res BW 100 kHz Span 8.000 MHz #Sweep 100 ms (1001 pts) #VBW 300 kHz MSG STATUS Band Edge NVNT BLE 1M 2402MHz Emission trum Analyzer - Swept SA <mark>ໝ</mark> R RF 50 Ω AC Center Freq 2.356000000 GHz 04:17:32 PM Apr 26, 2024 TRACE 1 2 3 4 5 6 TYPE M WWWWW DET P N N N N Avg Type: Log-Pwr Avg|Hold: 100/100 PNO: Fast +++ Trig: Free Run IFGain:Low #Atten: 30 dB Mkr1 2.402 0 GHz -2.001 dBm Ref Offset 0.5 dB Ref 20.00 dBm 10 dB/div Log 0.00 10. -20.0 30.0 -40 r -50.0 $^{\diamond}$ -60.0 70.0 Stop 2.40600 GHz #Sweep 100 ms (1001 pts) Start 2.30600 GHz #Res BW 100 kHz #VBW 300 kHz MKR MODE TRC SCL UNCTION FUNCTION WIDTH -2.001 dBm -58.326 dBm -58.326 dBm -57.600 dBm 2.402 0 GHz 2.400 0 GHz 2.400 0 GHz 2.399 9 GHz 1 2 3 4 5 6 7 8 9 10 11 12 N N N N f f f STATUS ISG



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Band Edge NVNT BLE 1M 2480MHz Ref



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| | Band Ed | agentin | | | | |
|--|---|--|--|--|--|--|
| Spectrum Analyzer - Swo RF 50 ହ rer Freq 2.40200 | AC 00000 GHz | NO:Wide | E:INT Frig: Free Run #Atten: 30 dB | ALIGN AUTO Avg Type: Log-Pwr Avg Hold: 100/100 | | 18 PM Apr 26, 2024 RACE 1 2 3 4 5 6 TYPE MWWWW DET P N N N N N |
| Ref Offset 0.5 div Ref 20.00 c | | | | | Mkr1 2.401 -1 | 992 GHz .965 dBm |
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| er 2.402000 GHz | | | | | Snai | 0 000 MU- |
| BW 100 KHZ | | #VBW (| 300 kHz | STATUS | Sweep 1.00 m | n 8.000 MHz s (1001 pts) |
| Spectrum Analyzer - Swa RF 50 Ω | ept SA AC | e NVNT E | | STATUS 402MHz Emiss Align auto | Sweep 1.00 m iON | s (1001 pts) 21 PM Apr 26, 2024 |
| E Spectrum Analyzer - Swu RF 50 ହ | ept SA AC D0000 GHz P | | BLE 2M 24 | status 402MHz Emiss | Sweep 1.00 m iON | S (1001 pts) |
| Spectrum Analyzer - Swo RF 50 Ω er Freq 2.35600 Ref Offset 0.6 | ept SA AC DOOOOO GHZ P IFi 5 dB | | BLE 2M 24 | STATUS 402MHz Emiss ALIGNAUTO Avg Type: Log-Pwr | Sweep 1.00 m iON 04/29 Mkr1 2.4 | S (1001 pts) |
| ipectrum Analyzer - Swa RF 50 Ω Par Freq 2.35600 Ref Offset 0.6 | ept SA AC DOOOOO GHZ P IFi 5 dB | | BLE 2M 24 | STATUS 402MHz Emiss ALIGNAUTO Avg Type: Log-Pwr | Sweep 1.00 m iON 04/29 Mkr1 2.4 | 21 PMApr 26, 2024 RACE [] 2 3 4 5 6 DET P NNNN DET P NNNN 02 0 GHZ |
| E Spectrum Analyzer - Swe RF 50 Ω er Freq 2.35600 Ref Offset 0.6 | ept SA AC DOOOOO GHZ P IFi 5 dB | | BLE 2M 24 | STATUS 402MHz Emiss ALIGNAUTO Avg Type: Log-Pwr | Sweep 1.00 m iON 04/29 Mkr1 2.4 | 21 PMApr 26, 2024 RACE 12 3 4 5 6 TYPE MAXIMUM 022 0 GHz 022 dBm |
| E Spectrum Analyzer - Swe RF 50 Ω er Freq 2.35600 Ref Offset 0.6 | ept SA AC DOOOOO GHZ P IFi 5 dB | | BLE 2M 24 | STATUS 402MHz Emiss ALIGNAUTO Avg Type: Log-Pwr | Sweep 1.00 m iON 04/29 Mkr1 2.4 | 21 PMApr 26, 2024 RACE [] 2 3 4 5 6 DET P NNNN DET P NNNN 02 0 GHZ |
| E Spectrum Analyzer - Swo RF ∫50 Ω er Freq 2.35600 Ref Offset 0.6 | ept SA AC DOOOOO GHZ P IFi 5 dB | | BLE 2M 24 | STATUS 402MHz Emiss ALIGNAUTO Avg Type: Log-Pwr | Sweep 1.00 m iON 04/29 Mkr1 2.4 | 21 PMApr 26, 2024 RACE 12 3 4 5 6 TYPE MAXIMUM 022 0 GHz 022 dBm |
| E Spectrum Analyzer - Swo RF ∫50 Ω er Freq 2.35600 Ref Offset 0.6 | ept SA AC DOOOOO GHZ P IFi 5 dB | | BLE 2M 24 | STATUS 402MHz Emiss ALIGNAUTO Avg Type: Log-Pwr | Sweep 1.00 m iON 04/29 Mkr1 2.4 | 21 PMApr 26, 2024 RACE 12 3 4 5 6 TYPE MAXIMUM 022 0 GHz 022 dBm |
| Espectrum Analyzer Swo RF 50 Q er Freq 2.35600 /div Ref Offset 0.6 /div Ref 20.00 d 2.30600 GHz BW 100 KHz | ept SA AC D00000 GHz P IFI 5 dB dBm | e NVNT E | BLE 2M 24 | ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 100/100 | Sweep 1.00 m ion 04:29 Mkr1 2.4 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 | 21 PMApr 26, 2024 RACE 12 3 4 5 C TYPE MANNANA 022 0 GHz 022 dBm |
| E Spectrum Analyzer - Swe RF 50 Ω er Freq 2.35600 Ref Offset 0.6 | ept SA AC DOOOOO GHZ P IFi 5 dB | NVNT B SENS SENS Sens Gain:Low Control Contro Contro Control Control Control Control | BLE 2M 24 | ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 100/100 | Sweep 1.00 m ion 04:29 Mkr1 2.4 -2 | 21 PMApr 26, 2024 RACE 12 3 4 5 C TYPE MANNANA 022 0 GHz 022 dBm |
| E pectrum Analyzer - Swa RF 50 Ω Pr Freq 2.35600 Ref Offset 0.6 Ref 20.00 G 2.30600 GHz BW 100 KHz BW 100 KHz 3.1 f | ept SA AC D00000 GHz P IF1 5 dB dBm | | BLE 2M 24 | ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 100/100 | Sweep 1.00 m ion 04:29 Mkr1 2.4 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 | 21 PMApr 26, 2024 RACE 12 3 4 5 C TYPE MANNANA 022 0 GHz 022 dBm |



Band Edge NVNT BLE 2M 2480MHz Ref nt Spectrum Analyzer - Swept SA 04:40:24 PM Apr 26, 202 TRACE 1 2 3 4 5 TYPE M WWWW DET P N N N N R Center Freq 2.480000000 GHz Avg Type: Log-Pwr Avg|Hold: 100/100 Trig: Free Run #Atten: 30 dB PNO: Wide IFGain:Low Mkr1 2.479 992 GHz Ref Offset 0.5 dB Ref 20.00 dBm -0.330 dBm 10 dB/div Log 10. 0.00 -20. 30.0 -40 -50.0 -60.0 Span 8.000 MHz Center 2.480000 GHz #VBW 300 kHz Sweep 1.00 ms (1001 pts) #Res BW 100 kHz STATUS MSG Band Edge NVNT BLE 2M 2480MHz Emission t Spectrum Analyzer - Swept SA 04:40:27 PM Apr 26, 202 TRACE 1 2 3 4 5 TYPE MWWWW DET P N N N N R Center Freq 2.526000000 GHz Avg Type: Log-Pwi Avg|Hold: 100/100 PNO: Fast ↔→ Trig: Free Run IFGain:Low #Atten: 30 dB Mkr1 2.480 0 GHz Ref Offset 0.5 dB Ref 20.00 dBm -1.328 dBm 10 dB/div Log 0.00 10.0 20.1 30.0 40.0 $\sqrt[3]{3}$ -50.0 $\langle \rangle$ -60.0 Start 2.47600 GHz #Res BW 100 kHz Stop 2.57600 GHz #VBW 300 kHz Sweep 9.60 ms (1001 pts) MKR MODE TRC SCL FUNCTION FUNCTION WIDTH UNCTION VALUE 2.480 0 GHz 2.483 5 GHz 2.500 0 GHz 2.485 2 GHz -1.328 dBm -60.295 dBm -61.152 dBm -58.010 dBm NNNN 2 3 4 5 6 7 8 9 10 11 12 f STATUS ISG

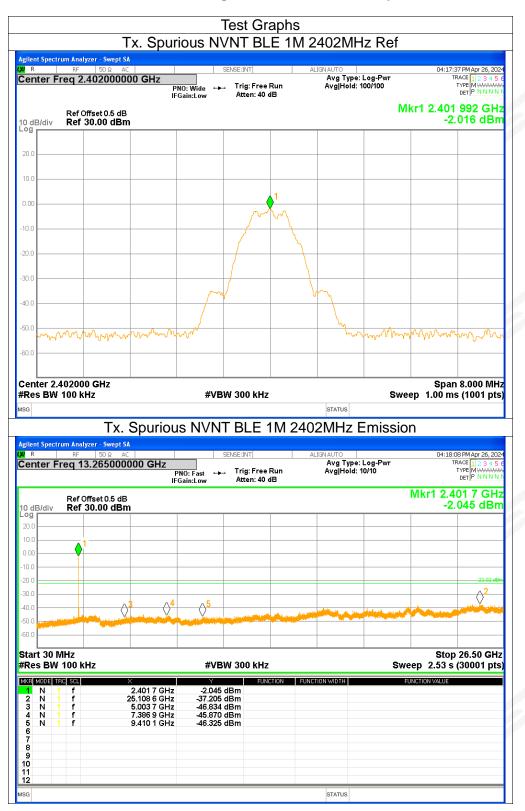


7. Conducted RF Spurious Emission

| Condition | Mode | Frequency (MHz) | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|--------|-----------------|-----------------|-------------|---------|
| NVNT | BLE 1M | 2402 | -35.18 | <=-20 | Pass |
| NVNT | BLE 1M | 2440 | -45.56 | <=-20 | Pass |
| NVNT | BLE 1M | 2480 | -46.47 | <=-20 | Pass |
| NVNT | BLE 2M | 2402 | -48.02 | <=-20 | Pass |
| NVNT | BLE 2M | 2440 | -55.08 | <=-20 | Pass |
| NVNT | BLE 2M | 2480 | -50.23 | <=-20 | Pass |



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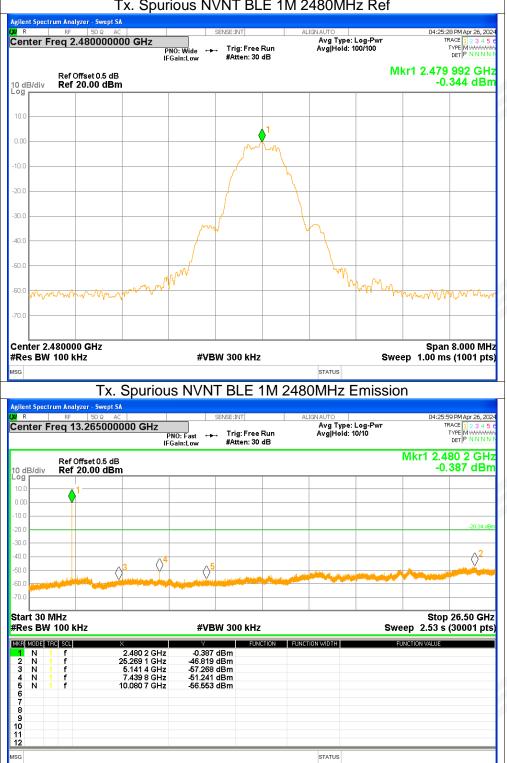
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| RF 50 G r Freq 2.4400 | Р | NO: Wide 🛶 | Trig: Free Run | ALIGNAUTO Avg Type: Avg Hold: 1 | Log-Pwr 100/100 | TRACE TYPE | 1 Apr 26, 2024 1 2 3 4 5 6 M M M M M M M P N N N N N |
|--|--|---|---|---------------------------------------|--------------------|--|--|
| Ref Offset 0. | 5 dB | Gain:Low | #Atten: 30 dB | | Mk | r1 2.439 99 | |
| / Ref 20.00 | dBm | | | | | -1.20 | o ubii |
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| Allhann | Amplia | 5 ⁰⁰ | | | mmmm | Marino Marin | A.M |
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| 2.440000 GHz | | | | | | | 000 MHz |
| 100 kHz | | #VBW | 300 kHz | | Swee | p 1.00 ms (1 | 001 pts) |
| | | | | STATUS | | | |
| Т | x. Spuriou | IS NVNT | BLE 1M | | mission | 1 | |
| ectrum Analyzer - Sv | vept SA | | | 2440MHz E | Emission | | |
| ectrum Analyzer - Sv RF 50 S | vept SA 2 AC 00000 GHz | SEN | SE:INT | 2440MHz E alignauto Avg Type: | Log-Pwr | 04:22:56 PM | 1Apr 26, 2024 1 2 3 4 5 6 MWWWWW |
| ctrum Analyzer - Sv RF 50 ۵ | vept SA 2 AC 000000 GHz | SEN | | 2440MHz E | Log-Pwr 10/10 | 04:22:56 PM TRACE TYPE DET | 123456 M W/////// PNNNNN |
| c <mark>trum Analyzer - Sv</mark> RF 50 G | vept SA 2 AC 0000000 GHz IF 5 dB | SEN | E:INT | 2440MHz E alignauto Avg Type: | Log-Pwr 10/10 | 04:22:56 PM TRACE TYPE DET | 123456 M W/////// PNNNNN |
| RF 50 S | vept SA 2 AC 0000000 GHz IF 5 dB | SEN PNO: Fast ↔ | E:INT | 2440MHz E alignauto Avg Type: | Log-Pwr 10/10 | 04:22:56 PM TRACE TYPE DET | 123456 MWWWWW PNNNNN 7 GHz |
| RF 50 S | vept SA 2 AC 0000000 GHz IF 5 dB | SEN PNO: Fast ↔ | E:INT | 2440MHz E alignauto Avg Type: | Log-Pwr 10/10 | 04:22:56 PM TRACE TYPE DET | 123456 MWWWWW PNNNNN 7 GHz |
| ctrum Analyzer - Sv RF 50 S Freq 13.265 Ref Offset 0 | vept SA 2 AC 0000000 GHz IF 5 dB | SEN PNO: Fast ↔ | E:INT | 2440MHz E alignauto Avg Type: | Log-Pwr 10/10 | 04:22:56 PM TRACE TYPE DET | 123456 MWWWWW PNNNNN 7 GHz |
| ctrum Analyzer - Sv RF 50 s Freq 13.265 | vept SA 2 AC 0000000 GHz IF 5 dB | SEN PNO: Fast ↔ | E:INT | 2440MHz E alignauto Avg Type: | Log-Pwr 10/10 | 04:22:56 PM TRACE TYPE DET | 7 GHz 0 dBm |
| RF 50 S | vept SA 2 AC 0000000 GHz IF 5 dB | SEN PNO: Fast ↔ | E:INT | 2440MHz E alignauto Avg Type: | Log-Pwr 10/10 | 04:22:56 PM TRACE TYPE DET | 7 GHz 0 dBm |
| RF 50 S RF 50 S Freq 13.265 | vept SA 2 AC 0000000 GHz IF 5 dB | SEN PNO: Fast ↔ | E:INT | 2440MHz E alignauto Avg Type: | Log-Pwr 10/10 | 04:22:56 PM TRACE TYPE DET | 7 GHz 0 dBm |
| ectrum Analyzer - Sv RF 50 s Freq 13.265 Ref Offset 0 | vept SA 2 AC 0000000 GHz IF 5 dB | SEN PNO: Fast ↔ | E:INT | 2440MHz E alignauto Avg Type: | Log-Pwr 10/10 | 04:22:56 PM TRACE TYPE DET | 7 GHz 0 dBm |
| Ref Offset 0 Ref Offset 0 Ref 20.00 0 MHz | vept SA 2 AC 0000000 GHz IF 5 dB | SEN PNO: Fast Gain:Low | E:INT | 2440MHz E alignauto Avg Type: | Log-Pwr 0/10 | 04:22:56 PM TRACE TYPE DET 7/kr1 2.439 -1.32 | 12 3 4 5 € P NNNN P NNNN 0 dBm -21 26 dBm -21 26 dBm -21 26 dBm -21 26 dBm -21 26 dBm -21 26 dBm -21 26 dBm -21 26 dBm -21 26 dBm |
| Ref Offset 0 Ref Offset 0 Ref 20.00 | x | SEN PNO: Fast Gain:Low 5 #VBW | SE:INT Trig: Free Run #Atten: 30 dB | 2440MHz E alignauto Avg Type: | Log-Pwr 10/10 | 04:22:56 PM TRACE TYPE JET /Ikr1 2.439 -1.32 | 12 3 4 5 € P NNNN P NNNN 0 dBm -21 26 dBm -21 26 dBm -21 26 dBm -21 26 dBm -21 26 dBm -21 26 dBm -21 26 dBm -21 26 dBm -21 26 dBm |
| Ref Offset 0 Ref Offset 0 Ref 20.00 0 0 0 0 0 0 0 0 0 0 0 0 | xept SA 2 AC 000000 GHz IF IF IF IF IF IF IF IF IF IF | SEN Gain:Low | SE:INT Trig: Free Run #Atten: 30 dB 300 kHz FUNCTION m | ALIGNAUTO Avg Type: AvgIHold: 1 | Log-Pwr 10/10 | 04:22:56 PM TRACE TYPE JET /Ikr1 2.439 -1.32 - | 12 3 4 5 € P NNNN P NNNN 0 dBm -21 26 dBm -21 26 dBm -21 26 dBm -21 26 dBm -21 26 dBm -21 26 dBm -21 26 dBm -21 26 dBm -21 26 dBm |
| Ctrum Analyzer - Sv RF 500 Freq 13.265 Ref Offset 0 Ref 20.00 1 1 1 1 1 1 1 1 1 1 1 1 1 | xept SA 2 AC 000000 GHz IF .5 dB dBm .5 dB dBm .5 dB dBm .5 dB close .5 dB dBm .5 dB .5 dB dBm .5 dB .5 | SEN Gain:Low 5 5 5 5 5 5 5 4 5 5 4 5 5 4 5 120 dB 5 120 dB 5 120 dB 5 120 dB 5 120 dB 5 5 120 dB 5 120 dB 5 120 dB 5 120 dB 5 120 dB 120 | SE:INT Trig: Free Run #Atten: 30 dB a a a a a a a a a a a a | ALIGNAUTO Avg Type: AvgIHold: 1 | Log-Pwr 10/10 | 04:22:56 PM TRACE TYPE JET /Ikr1 2.439 -1.32 - | 12 3 4 5 € P NNNN P NNNN 0 dBm -21 26 dBm -21 26 dBm -21 26 dBm -21 26 dBm -21 26 dBm -21 26 dBm -21 26 dBm -21 26 dBm -21 26 dBm |
| Ctrum Analyzer - Sv RF 50 S Freq 13.265 Ref Offset 0 , Ref 20.00 1 0 MHz W 100 kHz TEC SCL 1 f | xept SA 2 AC 000000 GHz IF 5.5 dB dBm 2.5 dB dBm 2.439 7 GHz 2.439 7 GHz 2.439 7 GHz 2.439 8 GHz | SEN PNO: Fast Gain:Low 5 5 #VBW 1.320 dB -46.821 dB 57.112 dB | SE:INT Trig: Free Run #Atten: 30 dB a a a a a a a a a a a a | ALIGNAUTO Avg Type: AvgIHold: 1 | Log-Pwr 10/10 | 04:22:56 PM TRACE TYPE JET /Ikr1 2.439 -1.32 - | 12 3 4 5 € P NNNN P NNNN 0 dBm -21 26 dBm -21 26 dBm -21 26 dBm -21 26 dBm -21 26 dBm -21 26 dBm -21 26 dBm -21 26 dBm -21 26 dBm |
| Ctrum Analyzer - Sv RF 500 Freq 13.265 Ref Offset 0 Ref 20.00 1 1 1 1 1 1 1 1 1 1 1 1 1 | xept SA 2 AC 000000 GHz IF .5 dB dBm .5 dB dBm .5 dB dBm .5 dB close .5 dB dBm .5 dB .5 dB dBm .5 dB .5 | SEN Gain:Low 5 5 5 5 5 5 5 4 5 5 4 5 5 4 5 120 dB 5 120 dB 5 120 dB 5 120 dB 5 120 dB 5 5 120 dB 5 120 dB 5 120 dB 5 120 dB 5 120 dB 120 | SE:INT Trig: Free Run #Atten: 30 dB a a a a a a a a a a a a | ALIGNAUTO Avg Type: AvgIHold: 1 | Log-Pwr 10/10 | 04:22:56 PM TRACE TYPE JET /Ikr1 2.439 -1.32 - | 12 3 4 5 € P NNNN P NNNN 0 dBm -21 26 dBm -21 26 dBm -21 26 dBm -21 26 dBm -21 26 dBm -21 26 dBm -21 26 dBm -21 26 dBm -21 26 dBm |
| n Analyzer - Sv RF 50 3 20 13.265 Ref Offset 0 Ref 20.00 1 1 2 00 kHz SEL f f | xept SA 2 AC 000000 GHz IF .5 dB dBm .5 dB dBm .5 dB dBm .5 dB close .5 dB dBm .5 dB .5 dB dBm .5 dB .5 | SEN Gain:Low 5 5 5 5 5 5 5 4 5 5 4 5 5 4 5 120 dB 5 120 dB 5 120 dB 5 120 dB 5 120 dB 5 5 120 dB 5 120 dB 5 120 dB 5 120 dB 5 120 dB 120 | SE:INT Trig: Free Run #Atten: 30 dB a a a a a a a a a a a a | ALIGNAUTO Avg Type: AvgIHold: 1 | Log-Pwr 10/10 | 04:22:56 PM TRACE TYPE JET /Ikr1 2.439 -1.32 - | 12 3 4 5 € P NNNN P NNNN 0 dBm -21 26 dBm -21 26 dBm -21 26 dBm -21 26 dBm -21 26 dBm -21 26 dBm -21 26 dBm -21 26 dBm -21 26 dBm |

Ty Spurious NV/NT BLE 1M 2440MHz Ref



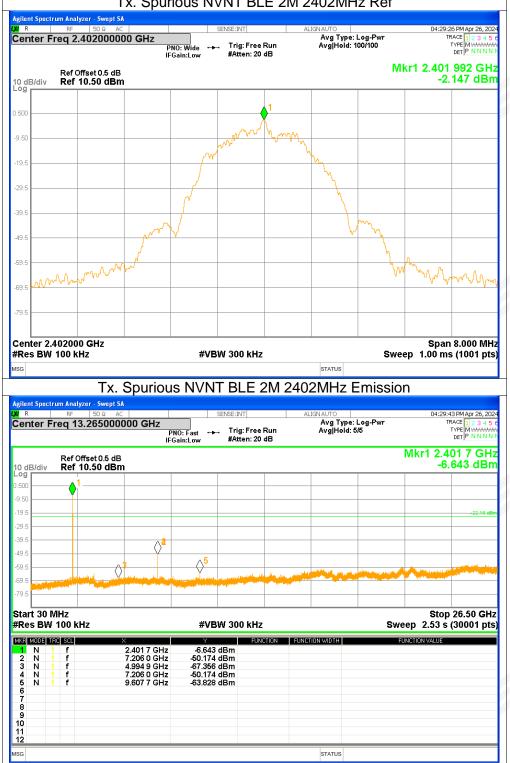
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Tx. Spurious NVNT BLE 1M 2480MHz Ref



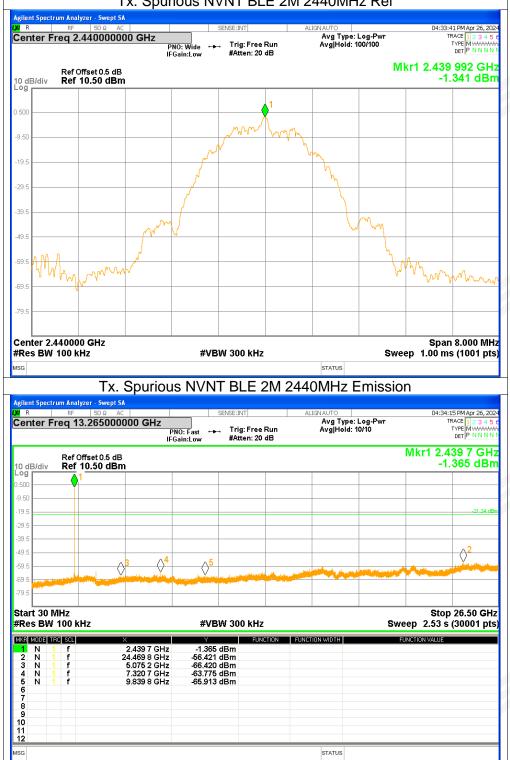
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Tx. Spurious NVNT BLE 2M 2402MHz Ref

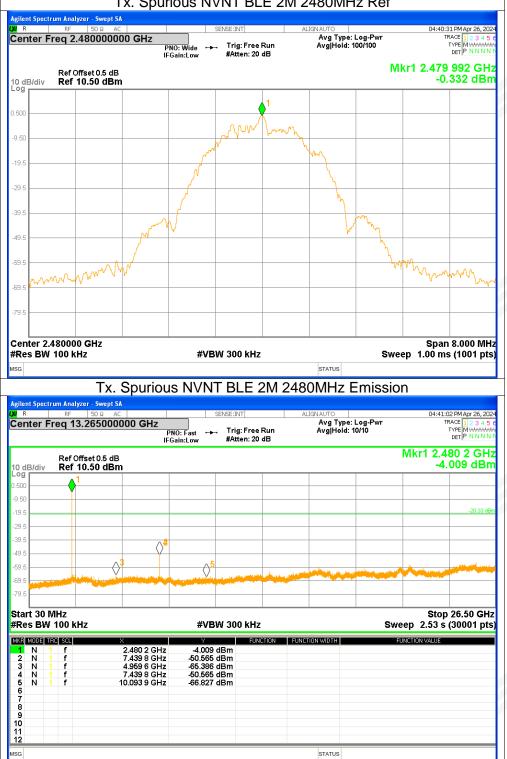


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Tx. Spurious NVNT BLE 2M 2440MHz Ref





Tx. Spurious NVNT BLE 2M 2480MHz Ref



APPENDIX 2- EUT TEST PHOTO

Note: See test photos in setup photo document for the actual connections between Product and support equipment.
