



RADIO TEST REPORT FCC ID: 2AT9T-3103

Product: Mobile Phone

Trade Mark: ulefone

Model No.: GQ3103

Family Model: Power Armor 16 Pro, Power Armor 16, Power Armor 16S, Power Armor 16E, Power Armor 16P, Power Armor 16 Plus, Power Armor 16 Lite Report No.: STR220705005001E

Issue Date: Aug 04. 2022

Prepared for

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Prepared by

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1 TEST RESULT CERTIFICATION

| Applicant's name: | Shenzhen Ulefone Technology Co., Ltd. |
|------------------------------|---|
| Address: | 7A01, Building A, Block 1, Anhongji Tianyao Plaza, Longhua District, Shenzhen City, Guangdong Province China |
| Manufacturer's Name: | Shenzhen Ulefone Technology Co., Ltd. |
| Address: | 7A01, Building A, Block 1, Anhongji Tianyao Plaza, Longhua District, Shenzhen City, Guangdong Province China |
| Product description | |
| Product name: | Mobile Phone |
| Model and/or type reference: | GQ3103 |
| Family Model: | Power Armor 16 Pro, Power Armor 16, Power Armor 16S, Power Armor 16E, Power Armor 16P, Power Armor 16 Plus, Power Armor 16 Lite |
| Sample number | T220705002R003 |

Measurement Procedure Used:

| APPLICABLE STANDARDS | | |
|---|-------------|--|
| STANDARD/ TEST PROCEDURE | TEST RESULT | |
| FCC 47 CFR Part 2, Subpart J FCC 47 CFR Part 15, Subpart C ANSI C63.10-2013 | Complied | |

This device described above has been tested by Shenzhen NTEK Testing Technology Co., Ltd., and 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.

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The test results of this report relate only to the tested sample identified in this report.

| Date of Test | : | Jul 06, 2022 ~ Aug 01, 2022 |
|----------------------|---|-----------------------------|
| Testing Engineer | : | Johan Lin |
| | | (Allen Liu) |
| Authorized Signatory | : | Aless |
| | | (Alex Li) |
| | | |
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| | FCC Part15 (15.247), Subpart | С | |
|--------------------------|--------------------------------|---------|--------|
| Standard Section | Test Item | Verdict | Remark |
| 15.207 | Conducted Emission | PASS | |
| 15.209 (a) 15.205 (a) | Radiated Spurious Emission | PASS | |
| 15.247(a)(1) | Hopping Channel Separation | PASS | |
| 15.247(b)(1) | Peak Output Power | PASS | |
| 15.247(a)(iii) | Number of Hopping Frequency | PASS | |
| 15.247(a)(iii) | Dwell Time | PASS | |
| 15.247(a)(1) | Bandwidth | PASS | |
| 15.247 (d) | Band Edge Emission | PASS | |
| 15.247 (d) | Spurious RF Conducted Emission | PASS | |
| 15.203 | Antenna Requirement | PASS | |

Remark:

 "N/A" denotes test is not applicable in this Test Report.
 All test items were verified and recorded according to the standards and without any deviation during the test.





3 FACILITIES AND ACCREDITATIONS

3.1 FACILITIES

All measurement facilities used to collect the measurement data are located at

1/F, Building E, Fenda Science Park, Sanwei Community, Xixiang Street, Bao'an District, Shenzhen 518126 P.R. China.

The sites are constructed in conformance with the requirements of ANSI C63.7, ANSI C63.10 and CISPR Publication 22.

3.2 LABORATORY ACCREDITATIONS AND LISTINGS

| Site Description | |
|------------------|--|
| CNAS-Lab. | : The Certificate Registration Number is L5516. |
| IC-Registration | The Certificate Registration Number is 9270A. |
| | CAB identifier:CN0074 |
| FCC- Accredited | Test Firm Registration Number: 463705. |
| | Designation Number: CN1184 |
| A2LA-Lab. | The Certificate Registration Number is 4298.01 |
| | This laboratory is accredited in accordance with the recognized |
| | International Standard ISO/IEC 17025:2005 General requirements for |
| | the competence of testing and calibration laboratories. |
| | This accreditation demonstrates technical competence for a defined |
| | scope and the operation of a laboratory quality management system |
| | (refer to joint ISO-ILAC-IAF Communiqué dated 8 January 2009). |
| | : Shenzhen NTEK Testing Technology Co., Ltd. |
| Site Location | : 1/F, Building E, Fenda Science Park, Sanwei Community, Xixiang |
| | Street, Bao'an District, Shenzhen 518126 P.R. China. |

3.3 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 | Conducted Emission Test | ±2.80dB |
| 2 | RF power, conducted | ±0.16dB |
| 3 | Spurious emissions, conducted | ±0.21dB |
| 4 | All emissions, radiated(30MHz~1GHz) | ±2.64dB |
| 5 | All emissions, radiated(1GHz~6GHz) | ±2.40dB |
| 6 | All emissions, radiated(>6GHz) | ±2.52dB |
| 7 | Temperature | ±0.5°C |
| 8 | Humidity | ±2% |
| 9 | All emissions, radiated(9KHz~30MHz) | ±6dB |





4 GENERAL DESCRIPTION OF EUT

| Product Feature and Specification | | | |
|-----------------------------------|--|--|--|
| Equipment | Mobile Phone | | |
| Trade Mark | ulefone | | |
| FCC ID | 2AT9T-3103 | | |
| Model No. | GQ3103 | | |
| Family Model | Power Armor 16 Pro, Power Armor 16, Power Armor 16S, Power Armor 16E, Power Armor 16P, Power Armor 16 Plus, Power Armor 16 Lite | | |
| Model Difference | All models are the same circuit and RF module, except the model name. | | |
| Operating Frequency | 2402MHz~2480MHz | | |
| Modulation | GFSK, π/4-DQPSK, 8-DPSK | | |
| Number of Channels | 79 Channels | | |
| Antenna Type | PIFA Antenna | | |
| Antenna Gain | 1.5 dBi | | |
| Adapter | Model: HJ-FC038K7-US Input: 100-240V~50/60Hz 0.6A Output: 5V3.0A OR 9V2.0A OR 12V1.5A | | |
| Battery | DC 3.85V, 9600mAh | | |
| Power supply | DC 3.85V from battery or DC 5V from Adapter. | | |
| HW Version | F7_01 | | |
| SW Version | Power Armor 16 Pro_SH1_EEA_V01 | | |

Note 1: Based on the application, features, or specification exhibited in User's Manual, the EUT is considered as an ITE/Computing Device. More details of EUT technical specification, please refer to the User's Manual.

Note 2: The engineering test program was provided and the EUT was programmed to be in continuously transmitting mode.





| Certificate #4298.01 | | | | |
|----------------------|---------|-------------------------|--------------|--|
| Revision History | | | | |
| Report No. | Version | Description | Issued Date | |
| STR220705005001E | Rev.01 | Initial issue of report | Aug 04, 2022 | |
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5 DESCRIPTION OF TEST MODES

To investigate the maximum EMI emission characteristics generates from EUT, the test system was pre-scanning tested base on the consideration of following EUT operation mode or test configuration mode which possible have effect on EMI emission level. Each of these EUT operation mode(s) or test configuration mode(s) mentioned above was evaluated respectively.

The Transmitter was operated in the normal operating mode. The TX frequency was fixed which was for the purpose of the measurements.

Test of channel included the lowest and middle and highest frequency to perform the test, then record on this report.

Those data rates (1Mbps for GFSK modulation; 2Mbps for π /4-DQPSK modulation; 3Mbps for 8-DPSK modulation) were used for all test.

The EUT was pretested with 3 orientations placed on the table for the radiated emission measurement -X, Y, and Z-plane. The X-plane results were found as the worst case and were shown in this report.

Carrier Frequency and Channel list:

| Channel | Frequency(MHz) |
|---------|----------------|
| 0 | 2402 |
| 1 | 2403 |
| | |
| 39 | 2441 |
| 40 | 2442 |
| | |
| 77 | 2479 |
| 78 | 2480 |

Note: fc=2402MHz+k×1MHz k=0 to 78

The following summary table is showing all test modes to demonstrate in compliance with the standard.

| For AC Conducted Emission | | |
|--|--|--|
| Final Test Mode Description | | |
| Mode 1 normal link mode | | |
| Nete AO a superior line. Open de stad Enciencia en estado en de enciencia en esta de enciencia | | |

Note: AC power line Conducted Emission was tested under maximum output power.

| For Radiated Test Cases | | |
|-------------------------|------------------|--|
| Final Test Mode | Description | |
| Mode 1 | normal link mode | |
| Mode 2 | CH00(2402MHz) | |
| Mode 3 | CH39(2441MHz) | |
| Mode 4 | CH78(2480MHz) | |

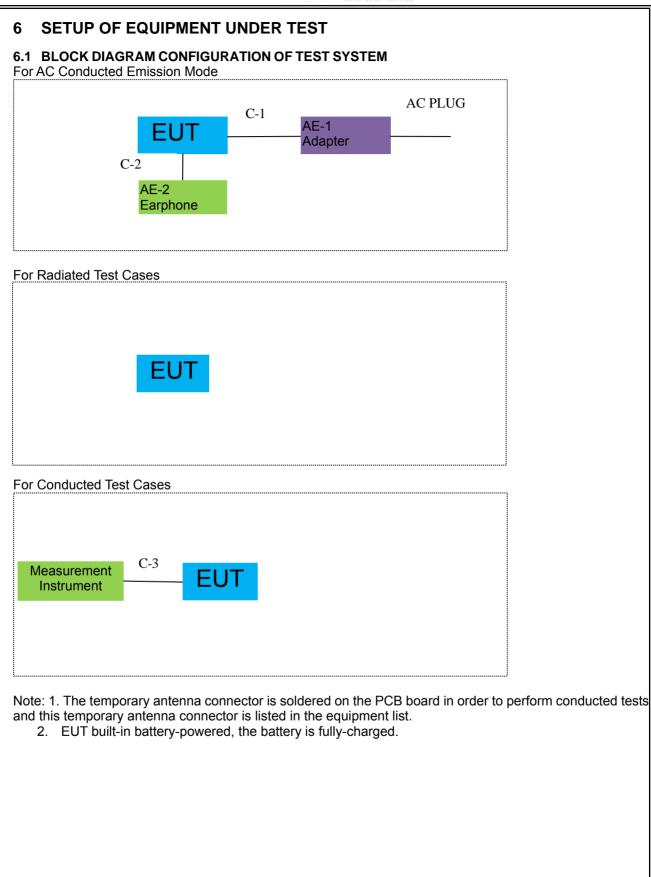
Note: For radiated test cases, the worst mode data rate 1Mbps was reported only, because this data rate has the highest RF output power at preliminary tests, and no other significantly frequencies found in conducted spurious emission.

| For Conducted Test Cases | | |
|-----------------------------|---------------|--|
| Final Test Mode Description | | |
| Mode 2 | CH00(2402MHz) | |
| Mode 3 | CH39(2441MHz) | |
| Mode 4 | CH78(2480MHz) | |
| Mode 5 | Hopping mode | |

Note: The engineering test program was provided and the EUT was programmed to be in continuously transmitting mode.











6.2 SUPPORT EQUIPMENT

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.

| Item | Equipment | Model/Type No. | Series No. | Note |
|---------------|-----------|----------------|------------|-------------|
| AE-1 | Adapter | HJ-FC038K7-US | N/A | Peripherals |
| AE-2 Earphone | | N/A | N/A | Peripherals |
| | | | | |
| | | | | |

| Item | Cable Type | Shielded Type | Ferrite Core | Length |
|------|----------------|---------------|--------------|--------|
| C-1 | USB Cable | NO | NO | 1.0m |
| C-2 | Earphone Cable | NO | NO | 1.2m |
| C-3 | RF Cable | YES | NO | 0.1m |
| | | | | |

Notes:

- (1) The support equipment was authorized by Declaration of Confirmation.
- (2) For detachable type I/O cable should be specified the length in cm in [Length] column.
- (3) "YES" is means "shielded" "with core"; "NO" is means "unshielded" "without core".





6.3 EQUIPMENTS LIST FOR ALL TEST ITEMS

Radiation& Conducted Test equipment

| Vaulatio | | estequipment | | | | | |
|----------|---|-----------------|-----------------|-------------------|------------------|---------------------|---------------------------|
| Item | Equipment | | Type No. | Serial No. | Last calibration | Calibrated until | Calibrati on period |
| 1 | Spectrum Analyzer | Aglient | E4407B | MY45108040 | 2022.04.06 | 2023.04.05 | 1 year |
| 2 | Spectrum Analyzer | Agilent | N9020A | MY49100060 | 2022.04.06 | 2023.04.05 | 1 year |
| 3 | Spectrum Analyzer | R&S | FSV40 | 101417 | 2022.04.06 | 2023.04.05 | 1 year |
| 4 | Test Receiver | R&S | ESPI7 | 101318 | 2022.04.06 | 2023.04.05 | 1 year |
| 5 | Bilog Antenna | TESEQ | CBL6111D | 31216 | 2022.03.30 | 2023.03.29 | 1 year |
| 6 | 50Ω Coaxial Switch | Anritsu | MP59B | 6200983705 | 2020.05.11 | 2023.05.10 | 3 year |
| 7 | Horn Antenna | EM | EM-AH-1018 0 | 2011071402 | 2022.03.31 | 2023.03.30 | 1 year |
| 8 | Broadband Horn Antenna | SCHWARZBE CK | BBHA 9170 | 803 | 2021.11.07 | 2022.11.06 | 1 year |
| 9 | Amplifier | EMC | EMC051835 SE | 980246 | 2022.06.17 | 2023.06.16 | 1 year |
| 10 | Active Loop Antenna | SCHWARZBE CK | FMZB 1519 B | 055 | 2021.11.07 | 2022.11.06 | 1 year |
| 11 | Power Meter | DARE | RPR3006W | 15I00041SN O84 | 2021.11.07 | 2022.11.06 | 1 year |
| 12 | Test Cable (9KHz-30MHz) | N/A | R-01 | N/A | 2019.08.06 | 2022.08.05 | 3 year |
| 13 | Test Cable (30MHz-1GHz) | N/A | R-02 | N/A | 2019.08.06 | 2022.08.05 | 3 year |
| 14 | High Test Cable(1G-40G Hz) | N/A | R-03 | N/A | 2022.06.17 | 2025.06.16 | 3 year |
| 15 | Filter | TRILTHIC | 2400MHz | 29 | 2021.11.07 | 2022.11.06 | 1 year |
| 16 | temporary antenna connector (Note) | NTS | R001 | N/A | N/A | N/A | N/A |

Note:

We will use the temporary antenna connector (soldered on the PCB board) When conducted test And this temporary antenna connector is listed within the instrument list





| AC Co | AC Conduction Test equipment | | | | | | |
|-------|--------------------------------|-----------------|-----------|------------|------------------|---------------------|--------------------|
| Item | Kind of Equipment | Manufacturer | Type No. | Serial No. | Last calibration | Calibrated until | Calibration period |
| 1 | Test Receiver | R&S | ESCI | 101160 | 2022.04.06 | 2023.04.05 | 1 year |
| 2 | LISN | R&S | ENV216 | 101313 | 2022.04.06 | 2023.04.05 | 1 year |
| 3 | LISN | SCHWARZBE CK | NNLK 8129 | 8129245 | 2022.04.06 | 2023.04.05 | 1 year |
| 4 | 50Ω Coaxial Switch | ANRITSU CORP | MP59B | 6200983704 | 2020.05.11 | 2023.05.10 | 3 year |
| 5 | Test Cable (9KHz-30MH z) | N/A | C01 | N/A | 2020.05.11 | 2023.05.10 | 3 year |
| 6 | Test Cable (9KHz-30MH z) | N/A | C02 | N/A | 2020.05.11 | 2023.05.10 | 3 year |
| 7 | Test Cable (9KHz-30MH z) | N/A | C03 | N/A | 2020.05.11 | 2023.05.10 | 3 year |

Note: Each piece of equipment is scheduled for calibration once a year except the Aux Equipment & Test Cable which is scheduled for calibration every 2 or 3 years.





7 TEST REQUIREMENTS

7.1 CONDUCTED EMISSIONS TEST

7.1.1 Applicable Standard

According to FCC Part 15.207(a)

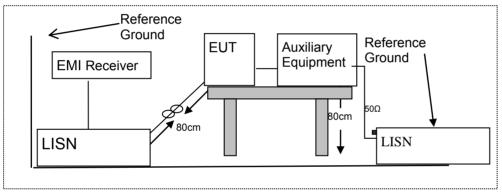
7.1.2 Conformance Limit

| | Conducted | Emission Limit |
|----------------|------------|----------------|
| Frequency(MHz) | Quasi-peak | Average |
| 0.15-0.5 | 66-56* | 56-46* |
| 0.5-5.0 | 56 | 46 |
| 5.0-30.0 | 60 | 50 |

Note: 1. *Decreases with the logarithm of the frequency

- 2. The lower limit shall apply at the transition frequencies
 - 3. The limit decreases in line with the logarithm of the frequency in the range of 0.15 to 0.50MHz.

7.1.3 Test Configuration



7.1.4 Test Procedure

According to the requirements in Section 13.1.4.1 of ANSI C63.10-2013 Conducted emissions the EUT measured in the frequency range between 0.15 MHz and 30 MHz using CISPR Quasi-Peak and average detector mode.

- 1. The EUT was placed 0.4 meter from the conducting wall of the shielding room.
- 2. The EUT was placed on a table which is 0.8m above ground plane.
- Connect EUT to the power mains through a line impedance stabilization network (LISN). All other support equipments powered from additional LISN(s). The LISN provide 50 Ohm/ 50uH of coupling impedance for the measuring instrument.
- 4. 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 40cm long.
- 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.
- 6. LISN at least 80 cm from nearest part of EUT chassis.
- 7. The frequency range from 150KHz to 30MHz was searched.
- Set the test-receiver system to Peak Detect Function and specified bandwidth(IF bandwidth=9KHz) with Maximum Hold Mode
- 9. For the actual test configuration, please refer to the related Item -EUT Test Photos.

7.1.5 Test Results

Pass





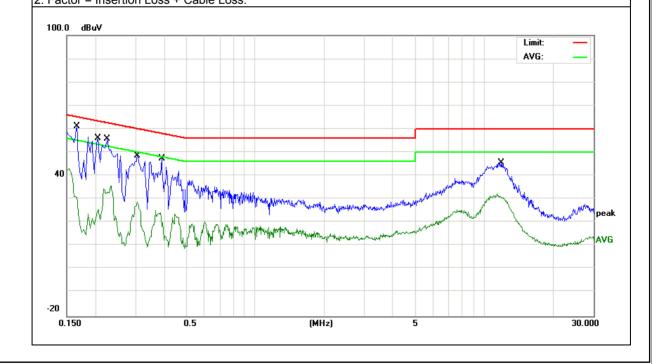
7.1.6 Test Results

| EUT: | Mobile Phone | Model Name : | GQ3103 |
|-------------------|---------------------------------|--------------------|--------|
| Temperature: | 22 ℃ | Relative Humidity: | 57% |
| Pressure: 1010hPa | | Phase : | L |
| Test Voltage : | DC 5V from Adapter AC 120V/60Hz | Test Mode: | Mode 1 |

| Frequency | Reading Level | Correct Factor | Measure-ment | Limits | Margin | Domork |
|-----------|---------------|----------------|--------------|--------|--------|----------|
| (MHz) | (dBµV) | (dB) | (dBµV) | (dBµV) | (dB) | - Remark |
| 0.1660 | 51.45 | 9.61 | 61.06 | 65.15 | -4.09 | QP |
| 0.1660 | 41.41 | 9.61 | 51.02 | 55.15 | -4.13 | AVG |
| 0.2058 | 46.31 | 9.62 | 55.93 | 63.37 | -7.44 | QP |
| 0.2058 | 36.07 | 9.62 | 45.69 | 53.37 | -7.68 | AVG |
| 0.2260 | 46.18 | 9.63 | 55.81 | 62.59 | -6.78 | QP |
| 0.2260 | 35.72 | 9.63 | 45.35 | 52.59 | -7.24 | AVG |
| 0.3059 | 38.83 | 9.64 | 48.47 | 60.08 | -11.61 | QP |
| 0.3059 | 28.72 | 9.64 | 38.36 | 50.08 | -11.72 | AVG |
| 0.3899 | 37.73 | 9.65 | 47.38 | 58.06 | -10.68 | QP |
| 0.3899 | 28.04 | 9.65 | 37.69 | 48.06 | -10.37 | AVG |
| 11.8978 | 35.62 | 9.99 | 45.61 | 60.00 | -14.39 | QP |
| 11.8978 | 25.69 | 9.99 | 35.68 | 50.00 | -14.32 | AVG |

Remark:

All readings are Quasi-Peak and Average values.
 Factor = Insertion Loss + Cable Loss.



NTEK 北测[®]



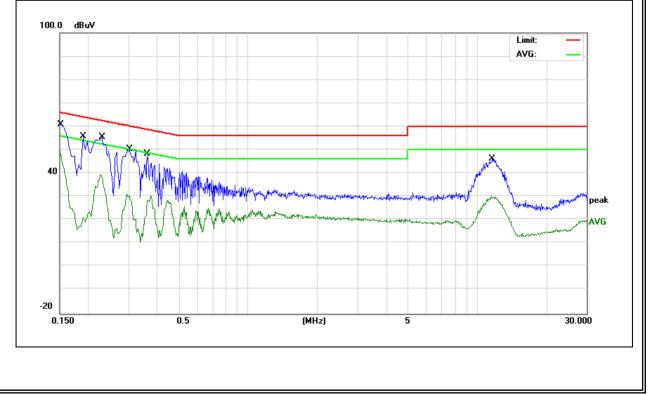
| EUT: | Mobile Phone | Model Name : | GQ3103 |
|----------------|---------------------------------|--------------------|--------|
| Temperature: | 25 ℃ | Relative Humidity: | 62% |
| Pressure: | 1010hPa | Phase : | Ν |
| Test Voltage : | DC 5V from Adapter AC 120V/60Hz | Test Mode: | Mode 1 |

| Frequency | Reading Level | Correct Factor | Measure-ment | Limits | Margin | Demeril |
|-----------|---------------|----------------|--------------|--------|--------|---------|
| (MHz) | (dBµV) | (dB) | (dBµV) | (dBµV) | (dB) | Remark |
| 0.1539 | 50.67 | 9.65 | 60.32 | 65.78 | -5.46 | QP |
| 0.1539 | 40.37 | 9.65 | 50.02 | 55.78 | -5.76 | AVG |
| 0.1900 | 45.99 | 9.63 | 55.62 | 64.03 | -8.41 | QP |
| 0.1900 | 36.03 | 9.63 | 45.66 | 54.03 | -8.37 | AVG |
| 0.2300 | 45.79 | 9.62 | 55.41 | 62.45 | -7.04 | QP |
| 0.2300 | 35.74 | 9.62 | 45.36 | 52.45 | -7.09 | AVG |
| 0.3019 | 40.58 | 9.64 | 50.22 | 60.19 | -9.97 | QP |
| 0.3019 | 30.61 | 9.64 | 40.25 | 50.19 | -9.94 | AVG |
| 0.3618 | 38.46 | 9.66 | 48.12 | 58.69 | -10.57 | QP |
| 0.3618 | 28.99 | 9.66 | 38.65 | 48.69 | -10.04 | AVG |
| 11.6539 | 36.12 | 9.94 | 46.06 | 60.00 | -13.94 | QP |
| 11.6539 | 26.75 | 9.94 | 36.69 | 50.00 | -13.31 | AVG |

Remark:

1. All readings are Quasi-Peak and Average values.

2. Factor = Insertion Loss + Cable Loss.







7.2 RADIATED SPURIOUS EMISSION

7.2.1 Applicable Standard

According to FCC Part 15.247(d) and 15.209 and ANSI C63.10-2013

7.2.2 Conformance Limit

According to FCC Part 15.247(d): radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a) (see §15.205(c)). According to FCC Part15.205, Restricted bands

| According to 1 00 1 dit 10.20 | According to 1 CC 1 art 13:203, restricted bands | | | | | | | |
|-------------------------------|--|---------------|-------------|--|--|--|--|--|
| MHz | MHz | MHz | 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 | 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 | (2) | | | | | |
| 13.36-13.41 | | | | | | | | |

20dBc in any 100 kHz bandwidth outside the operating frequency band. In case the emission fall within the restricted band specified on 15.205(a), then the 15.209(a) limit in the table below has to be followed.

| Restricted Frequency(MHz) | Field Strength (µV/m) | Field Strength (dBµV/m) | Measurement Distance |
|------------------------------|-----------------------|-------------------------|----------------------|
| 0.009~0.490 | 2400/F(KHz) | 20 log (uV/m) | 300 |
| 0.490~1.705 | 24000/F(KHz) | 20 log (uV/m) | 30 |
| 1.705~30.0 | 30 | 29.5 | 30 |
| 30-88 | 100 | 40 | 3 |
| 88-216 | 150 | 43.5 | 3 |
| 216-960 | 200 | 46 | 3 |
| Above 960 | 500 | 54 | 3 |

Limits of Radiated Emission Measurement(Above 1000MHz)

| Froguopov(MHz) | Class B (dBuV/m) (at 3M) | | | | |
|----------------|--------------------------|---------|--|--|--|
| Frequency(MHz) | PEAK | AVERAGE | | | |
| Above 1000 | 74 | 54 | | | |

Remark :1. Emission level in dBuV/m=20 log (uV/m)

Measurement was performed at an antenna to the closed point of EUT distance of meters.
 For Frequency 9kHz~30MHz:

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

Limit line=Specific limits(dBuV) + distance extrapolation factor.

For Frequency above 30MHz:

Distance extrapolation factor =20log(Specific distance/ test distance)(dB);

Limit line=Specific limits(dBuV) + distance extrapolation factor.



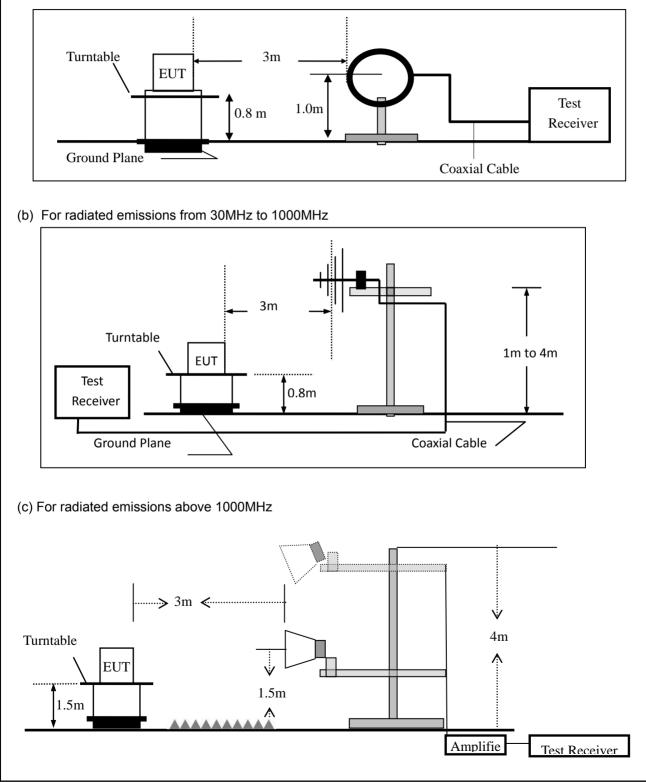


7.2.3 Measuring Instruments

The Measuring equipment is listed in the section 6.3 of this test report.

7.2.4 Test Configuration

(a) For radiated emissions below 30MHz







7.2.5 Test Procedure

The test site semi-anechoic chamber has met the requirement of NSA tolerance 4 dB according to the standards: ANSI C63.10-2013. The test distance is 3m. The setup is according to the requirements in Section 13.1.4.1 of ANSI C63.10-2013 and CAN/CSA-CEI/IEC CISPR 22.

This test is required for any spurious emission that falls in a Restricted Band, as defined in Section 15.205. It must be performed with the highest gain of each type of antenna proposed for use with the EUT. Use the following spectrum analyzer settings:

| Spectrum Parameter | Setting | | | |
|---------------------------------------|---|--|--|--|
| Attenuation | Auto | | | |
| Start Frequency | 1000 MHz | | | |
| Stop Frequency | 10th carrier harmonic | | | |
| RB / VB (emission in restricted band) | 1 MHz / 1 MHz for Peak, 1 MHz / 1 MHz for Average | | | |

| Receiver Parameter | Setting |
|------------------------|----------------------------------|
| Attenuation | Auto |
| Start ~ Stop Frequency | 9kHz~150kHz / RB 200Hz for QP |
| Start ~ Stop Frequency | 150kHz~30MHz / RB 9kHz for QP |
| Start ~ Stop Frequency | 30MHz~1000MHz / RB 120kHz for QP |

- a. The measuring distance of at 3 m shall be used for measurements at frequency up to 1GHz. For frequencies above 1GHz, any suitable measuring distance may be used.
- b. The EUT was placed on the top of a rotating table 0.8 m for below 1GHz and 1.5m for above 1GHz the ground at a 3 meter. The table was rotated 360 degrees to determine the position of the highest radiation.
- c. The height of the equipment or of the substitution antenna shall be 0.8 m for below 1GHz and 1.5m for above 1GHz; the height of the test antenna shall vary between 1 m to 4 m. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. For the radiated emission test above 1GHz: Place the measurement antenna away from each area of the EUT determined to be a source of emissions at the specified measurement distance, while keeping the measurement antenna aimed at the source of emissions at each frequency of significant emissions, with polarization oriented for maximum response. The measurement antenna may have to be higher or lower than the EUT, depending on the radiation pattern of the emission and staying aimed at the emission source for receiving the maximum signal. The final measurement antenna elevation shall be that which maximizes the emissions. The measurement antenna elevation for maximum emissions shall be restricted to a range of heights of from 1 m to 4 m above the ground or reference ground plane.
- e. 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 then Quasi Peak detector mode re-measured.
- f. If the Peak Mode measured value compliance with and lower than Quasi Peak Mode Limit, the EUT shall be deemed to meet QP Limits and then no additional QP Mode measurement performed.
- g. 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





| During the radiated emission test, the Spectrum Analyzer was set with the following configurations: | | | | | | | | |
|---|----------|----------------------|-----------------|--|--|--|--|--|
| Frequency Band (MHz) | Function | Resolution bandwidth | Video Bandwidth | | | | | |
| 30 to 1000 | QP | 120 kHz | 300 kHz | | | | | |
| Abaua 1000 | Peak | 1 MHz | 1 MHz | | | | | |
| Above 1000 | Average | 1 MHz | 1 MHz | | | | | |

Note: for the frequency ranges below 30 MHz, a narrower RBW is used for these ranges but the measured value should add a RBW correction factor (RBWCF) where RBWCF [dB] =10*lg(100 [kHz]/narrower RBW [kHz]). , the narrower RBW is 1 kHz and RBWCF is 20 dB for the frequency 9 kHz to 150 kHz, and the narrower RBW is 10 kHz and RBWCF is 10 dB for the frequency 150 kHz to 30 MHz.

7.2.6 Test Results

■ Spurious Emission below 30MHz (9KHz to 30MHz)

| EUT: | Mobile Phone | Model No.: | GQ3103 |
|--------------|-------------------|--------------------|-----------|
| Temperature: | 20 °C | Relative Humidity: | 48% |
| Test Mode: | Mode2/Mode3/Mode4 | Test By: | Allen Liu |

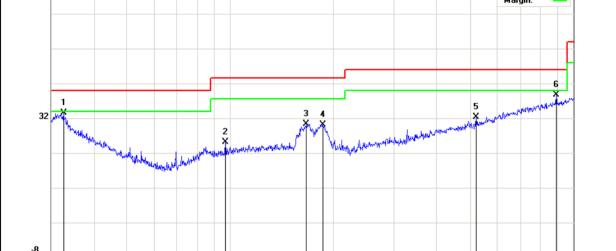
| Freq. | Ant.Pol. | Emission L | .evel(dBuV/m) | Limit 3 | m(dBuV/m) | Over(dB) PK AV | | |
|-------|----------|------------|---------------|---------|-----------|-------------------|----|--|
| (MHz) | H/V | PK | AV | PK | AV | PK | AV | |
| | | | | | | | | |

Note: the amplitude of spurious emission that is attenuated by more than 20dB below the permissible limit has no need to be reported.





Spurious Emission below 1GHz (30MHz to 1GHz) All the modulation modes have been tested, and the worst result was report as below: EUT: Mobile Phone Model Name : GQ3103 **25**℃ 55% Temperature: Relative Humidity: Pressure: 1010hPa Test Mode: Mode 3 GFSK DC 3.85V Test Voltage : Emission Meter Frequency Factor Limits Margin Polar Reading Level Remark (H/V) (MHz) (dBuV) (dB) (dBuV/m) (dBuV/m) (dB) V 32.6340 9.06 24.52 33.58 40.00 -6.42 QP 96.7749 17.48 25.20 43.50 QP V 7.72 -18.30 V 17.38 166.6514 12.93 30.31 43.50 -13.19 QP V 186.4408 13.59 16.56 30.15 43.50 -13.35 QP V 520.8882 6.99 25.31 32.30 46.00 -13.70 QP QΡ V 890.7278 8.36 30.41 38.77 46.00 -7.23 **Remark:** Emission Level= Meter Reading+ Factor, Margin= Emission Level - Limit 72.0 dBuV/m Limit: Margin:



(MHz)

300

400

500

600 700

1000.000

30.000

40

50

60

70 80

NTEK 北测[®]



| Polar (H/V) Prequency Reading Practor Level Linits Margin Ren H 30.8535 5.97 25.82 31.79 40.00 -8.21 Q H 30.8535 5.97 25.82 31.79 40.00 -8.21 Q H 34.7601 6.14 23.48 29.62 40.00 -10.38 Q H 183.2005 12.23 16.66 28.89 43.50 -14.61 Q H 605.6592 7.26 26.61 33.87 46.00 -5.76 Q H 890.7278 9.44 30.41 39.85 46.00 -6.15 Q Remark: Emission Level= Meter Reading+ Factor, Margin= Emission Level - Limit 46.00 -5.76 Q 32 4 30.41 39.85 46.00 -6.15 Q 4 |
|--|
| H 34.7601 6.14 23.48 29.62 40.00 -10.38 Q H 183.2005 12.23 16.66 28.89 43.50 -14.61 Q H 605.6592 7.26 26.61 33.87 46.00 -12.13 Q H 827.4934 10.79 29.45 40.24 46.00 -5.76 Q H 890.7278 9.44 30.41 39.85 46.00 -6.15 Q Remark: Emission Level= Meter Reading+ Factor, Margin= Emission Level - Limit -6.15 Q J2.0 dBuV/m -5.6 -5.6 -5.6 -5.6 32 2 -3 -4.00 -5.6 -5.6 32 2 -3 -4.00 -5.6 -5.6 |
| H 183.2005 12.23 16.66 28.89 43.50 -14.61 Q H 605.6592 7.26 26.61 33.87 46.00 -12.13 Q H 827.4934 10.79 29.45 40.24 46.00 -5.76 Q H 890.7278 9.44 30.41 39.85 46.00 -6.15 Q Remark: Emission Level= Meter Reading+ Factor, Margin= Emission Level - Limit 72.0 dBuV/m dBuV/m 5.6 72.0 dBuV/m dBuV/m 4 4 4 4 4 |
| H 605.6592 7.26 26.61 33.87 46.00 -12.13 Q H 827.4934 10.79 29.45 40.24 46.00 -5.76 Q H 890.7278 9.44 30.41 39.85 46.00 -6.15 Q Remark: Emission Level= Meter Reading+ Factor, Margin= Emission Level - Limit Vision Level - Limit Margin: |
| H 827.4934 10.79 29.45 40.24 46.00 -5.76 Q H 890.7278 9.44 30.41 39.85 46.00 -6.15 Q Remark: Emission Level= Meter Reading+ Factor, Margin= Emission Level - Limit 72.0 dBuV/m Imit: |
| H 890.7278 9.44 30.41 39.85 46.00 -6.15 Q Remark: Emission Level= Meter Reading+ Factor, Margin= Emission Level - Limit 72.0 dBuV/m |
| Remark: Emission Level= Meter Reading+ Factor, Margin= Emission Level - Limit 72.0 dBuV/m |
| Emission Level= Meter Reading+ Factor, Margin= Emission Level - Limit 72.0 dBuV/m |
| $32 \frac{1}{1} \frac{3}{1} \frac$ |
| $32\frac{1}{2}$ |
| The design of the second se |
| |
| -8 30.000 40 50 60 70 80 (MHz) 300 400 500 600 700 1000.000 |
| 30.000 40 30 00 70 00 (MH2) 300 400 300 000 700 1000.000 |





| Spurious Emission Above 1GHz (1GHz to 25GHz) | | | | | | | | | | |
|--|---------------|---------------|-------------------|------------------|-------------------|------|--------|--------|--------|------------|
| | | | | | Aodel No.: GQ3103 | | | | | |
| Temperature | : 20 | °C | | Rela | ative Humidity | /: | 48% | | | |
| Test Mode: | Мо | de2/Mode | e3/Mode4 | Tes | t By: | | Allen | Liu | | |
| All the modulation modes have been tested, and the worst result was report as below: | | | | | | | | | | |
| Frequency | Read Level | Cable loss | Antenna Factor | Preamp Factor | Emission Level | Li | mits | Margin | Remark | Comment |
| (MHz) | (dBµV) | (dB) | dB/m | (dB) | (dBµV/m) | (dB | µV/m) | (dB) | | |
| | | - | Low Char | nel (240 | 2 MHz)(GFSK) | Abo | ve 1G | | | - |
| 4804.214 | 62.87 | 5.21 | 35.59 | 44.30 | 59.37 | 74 | 4.00 | -14.63 | Pk | Vertical |
| 4804.214 | 40.34 | 5.21 | 35.59 | 44.30 | 36.84 | 54 | 4.00 | -17.16 | AV | Vertical |
| 7206.265 | 61.02 | 6.48 | 36.27 | 44.60 | 59.17 | 74 | 4.00 | -14.83 | Pk | Vertical |
| 7206.265 | 43.71 | 6.48 | 36.27 | 44.60 | 41.86 | 54 | 4.00 | -12.14 | AV | Vertical |
| 4804.109 | 61.66 | 5.21 | 35.55 | 44.30 | 58.12 | 74 | 4.00 | -15.88 | Pk | Horizontal |
| 4804.109 | 43.04 | 5.21 | 35.55 | 44.30 | 39.50 | 54 | 4.00 | -14.50 | AV | Horizontal |
| 7206.224 | 64.18 | 6.48 | 36.27 | 44.52 | 62.41 | 74 | 4.00 | -11.59 | Pk | Horizontal |
| 7206.224 | 47.91 | 6.48 | 36.27 | 44.52 | 46.14 | | 4.00 | -7.86 | AV | Horizontal |
| | | 1 | Mid Chan | nel (2442 | MHz)(GFSK) | -Abo | ve 1G | | | |
| 4882.396 | 64.16 | 5.21 | 35.66 | 44.20 | 60.83 | 74 | 4.00 | -13.17 | Pk | Vertical |
| 4882.396 | 43.04 | 5.21 | 35.66 | 44.20 | 39.71 | 54 | 4.00 | -14.29 | AV | Vertical |
| 7323.241 | 60.98 | 7.10 | 36.50 | 44.43 | 60.15 | 74 | 4.00 | -13.85 | Pk | Vertical |
| 7323.241 | 46.94 | 7.10 | 36.50 | 44.43 | 46.11 | | 4.00 | -7.89 | AV | Vertical |
| 4882.108 | 62.06 | 5.21 | 35.66 | 44.20 | 58.73 | | 4.00 | -15.27 | Pk | Horizontal |
| 4882.108 | 49.67 | 5.21 | 35.66 | 44.20 | 46.34 | 54 | 4.00 | -7.66 | AV | Horizontal |
| 7323.132 | 61.37 | 7.10 | 36.50 | 44.43 | 60.54 | | 4.00 | -13.46 | Pk | Horizontal |
| 7323.132 | 41.92 | 7.10 | 36.50 | 44.43 | 41.09 | | 4.00 | -12.91 | AV | Horizontal |
| | | 1 | High Chan | inel (2480 |) MHz)(GFSK) | Abo | ove 1G | | | |
| 4960.397 | 67.28 | 5.21 | 35.52 | 44.21 | 63.80 | | 4.00 | -10.20 | Pk | Vertical |
| 4960.397 | 42.69 | 5.21 | 35.52 | 44.21 | 39.21 | | 4.00 | -14.79 | AV | Vertical |
| 7440.201 | 60.67 | 7.10 | 36.53 | 44.60 | 59.70 | 74 | 4.00 | -14.30 | Pk | Vertical |
| 7440.201 | 46.31 | 7.10 | 36.53 | 44.60 | 45.34 | | 4.00 | -8.66 | AV | Vertical |
| 4960.225 | 68.00 | 5.21 | 35.52 | 44.21 | 64.52 | | 4.00 | -9.48 | Pk | Horizontal |
| 4960.225 | 47.89 | 5.21 | 35.52 | 44.21 | 44.41 | 54 | 4.00 | -9.59 | AV | Horizontal |
| 7440.298 | 60.63 | 7.10 | 36.53 | 44.60 | 59.66 | | 4.00 | -14.34 | Pk | Horizontal |
| 7440.298 | 45.63 | 7.10 | 36.53 | 44.60 | 44.66 | 54 | 4.00 | -9.34 | AV | Horizontal |

Note:

(1) Emission Level= Antenna Factor + Cable Loss + Read Level - Preamp Factor (2)All other emissions more than 20dB below the limit.





| | Spurious Emission in Restricted Band 2310-2390MHz and 2483.5-2500MHz | | | | | | | | | | | |
|----|--|------------------------------|---------------|-------------------|----------------|-------|-------------------|--------|--------|-----------|----------|------------|
| EU | T: | Mobile Phone Model No.: 0 | | | | | | GQ3 | 103 | | | |
| Те | mperature: | : 20 °C Relative Humidity: 4 | | | | | | 48% | | | | |
| Te | st Mode: | Mode2/ M | lode4 | | Т | est E | Зу: | | Aller | n Liu | | |
| Al | the modul | ation mod | es have | been test | ed, an | d the | e worst res | ult wa | is rep | ort as be | low: | |
| | Frequency | Meter Reading | Cable Loss | Antenna Factor | Prear Facto | | Emission Level | Lim | iits | Margin | Detector | Comment |
| | (MHz) | (dBµV) | (dB) | dB/m | (dB) |) | (dBµV/m) | (dBµ | V/m) | (dB) | Туре | |
| | | | | | 1Mbps | (GFS | K)-Non-hoppi | ing | | | | |
| | 2310.00 | 57.78 | 2.97 | 27.80 | 43.8 | 0 | 44.75 | 74 | 4 | -29.25 | Pk | Horizontal |
| | 2310.00 | 44.11 | 2.97 | 27.80 | 43.8 | 0 | 31.08 | 54 | 4 | -22.92 | AV | Horizontal |
| | 2310.00 | 59.10 | 2.97 | 27.80 | 43.8 | 0 | 46.07 | 74 | 4 | -27.93 | Pk | Vertical |
| | 2310.00 | 43.23 | 2.97 | 27.80 | 43.8 | 0 | 30.20 | 54 | 4 | -23.80 | AV | Vertical |
| | 2390.00 | 59.06 | 3.14 | 27.21 | 43.8 | 0 | 45.61 | 74 | 4 | -28.39 | Pk | Vertical |
| | 2390.00 | 43.09 | 3.14 | 27.21 | 43.8 | 0 | 29.64 | 54 | 4 | -24.36 | AV | Vertical |
| | 2390.00 | 57.91 | 3.14 | 27.21 | 43.8 | 0 | 44.46 | 74 | 4 | -29.54 | Pk | Horizontal |
| | 2390.00 | 42.63 | 3.14 | 27.21 | 43.8 | 0 | 29.18 | 54 | 4 | -24.82 | AV | Horizontal |
| | 2483.50 | 58.55 | 3.58 | 27.70 | 44.0 | 0 | 45.83 | 74 | 4 | -28.17 | Pk | Vertical |
| | 2483.50 | 43.18 | 3.58 | 27.70 | 44.0 | 0 | 30.46 | 54 | 4 | -23.54 | AV | Vertical |
| | 2483.50 | 59.94 | 3.58 | 27.70 | 44.0 | 0 | 47.22 | 74 | 4 | -26.78 | Pk | Horizontal |
| | 2483.50 | 42.99 | 3.58 | 27.70 | 44.0 | 0 | 30.27 | 54 | 4 | -23.73 | AV | Horizontal |
| | | | | | 1Mb | ps(Gl | FSK)-hopping | J | | | | |
| | 2310.00 | 52.44 | 2.97 | 27.80 | 43.8 | 0 | 39.41 | 74. | 00 | -34.59 | Pk | Vertical |
| | 2310.00 | 41.85 | 2.97 | 27.80 | 43.8 | 0 | 28.82 | 54. | 00 | -25.18 | AV | Vertical |
| | 2310.00 | 52.09 | 2.97 | 27.80 | 43.8 | 0 | 39.06 | 74. | 00 | -34.94 | Pk | Horizontal |
| | 2310.00 | 40.74 | 2.97 | 27.80 | 43.8 | 0 | 27.71 | 54. | 00 | -26.29 | AV | Horizontal |
| | 2390.00 | 51.82 | 3.14 | 27.21 | 43.8 | 0 | 38.37 | 74. | 00 | -35.63 | Pk | Vertical |
| | 2390.00 | 40.82 | 3.14 | 27.21 | 43.8 | 0 | 27.37 | 54. | 00 | -26.63 | AV | Vertical |
| | 2390.00 | 51.43 | 3.14 | 27.21 | 43.8 | 0 | 37.98 | 74. | 00 | -36.02 | Pk | Horizontal |
| | 2390.00 | 42.40 | 3.14 | 27.21 | 43.8 | 0 | 28.95 | 54. | 00 | -25.05 | AV | Horizontal |
| | 2483.50 | 51.65 | 3.58 | 27.70 | 44.0 | 0 | 38.93 | 74. | 00 | -35.07 | Pk | Vertical |
| | 2483.50 | 41.94 | 3.58 | 27.70 | 44.0 | 0 | 29.22 | 54. | 00 | -24.78 | AV | Vertical |
| | 2483.50 | 50.50 | 3.58 | 27.70 | 44.0 | 0 | 37.78 | 74. | 00 | -36.22 | Pk | Horizontal |
| | 2483.50 | 42.99 | 3.58 | 27.70 | 44.0 | 0 | 30.27 | 54. | 00 | -23.73 | AV | Horizontal |

Note: (1) All other emissions more than 20dB below the limit.





| Spurious | s Emis | sion | in Restri | cted Band | 326 | 30MHz | z-18000MHz | Z | | | | |
|--------------|-------------------|------------|---------------|-------------------|---------|---------------|-------------------|--------|---------|-------------|----------|------------|
| EUT: | EUT: Mobile Phone | | | Mode | el No.: | | GQ31 | 3103 | | | | |
| Temperature | e: | 20 ° | с | | | Relat | ive Humidity | y: | 48% | | | |
| Test Mode: | | Mor | de2/ Mod | le4 | | Test I | By: | | Allen | Liu | | |
| All the modu | ulation | mo | des have | been test | ed, a | and th | e worst resi | ult wa | is repo | ort as belo | ow: | |
| Frequency | Readi Leve | 0 | Cable Loss | Antenna Factor | | eamp actor | Emission Level | Lir | mits | Margin | Detector | Comment |
| (MHz) | (dBµ | V) | (dB) | dB/m | (| (dB) | (dBµV/m) | (dBj | uV/m) | (dB) | Туре | |
| 3260 | 60.6 | i2 | 4.04 | 29.57 | 4 | 4.70 | 49.53 | 7 | 74 | -24.47 | Pk | Vertical |
| 3260 | 56.2 | <u>'</u> 9 | 4.04 | 29.57 | 4 | 4.70 | 45.20 | Ę | 54 | -8.80 | AV | Vertical |
| 3260 | 61.1 | 1 | 4.04 | 29.57 | 4 | 4.70 | 50.02 | 7 | 74 | -23.98 | Pk | Horizontal |
| 3260 | 57.2 | 6 | 4.04 | 29.57 | 4/ | 4.70 | 46.17 | Ę | 54 | -7.83 | AV | Horizontal |
| 3332 | 64.8 | 8 | 4.26 | 29.87 | 4 | 4.40 | 54.61 | 7 | 74 | -19.39 | Pk | Vertical |
| 3332 | 53.9 | /6 | 4.26 | 29.87 | 4 | 4.40 | 43.69 | Ę | 54 | -10.31 | AV | Vertical |
| 3332 | 62.9 | 16 | 4.26 | 29.87 | 4 | 4.40 | 52.69 | 7 | 74 | -21.31 | Pk | Horizontal |
| 3332 | 54.1 | 1 | 4.26 | 29.87 | 4 | 4.40 | 43.84 | Ę | 54 | -10.16 | AV | Horizontal |
| 17797 | 44.4 | ,2 | 10.99 | 43.95 | 4: | 3.50 | 55.86 | 7 | 74 | -18.14 | Pk | Vertical |
| 17797 | 32.8 | ,9 | 10.99 | 43.95 | 4: | 3.50 | 44.33 | Ę | 54 | -9.67 | AV | Vertical |
| 17788 | 44.8 | J1 | 11.81 | 43.69 | 4 | 4.60 | 55.71 | 7 | 74 | -18.29 | Pk | Horizontal |
| 17788 | 32.5 | 6 | 11.81 | 43.69 | 4 | 4.60 | 43.46 | Ę | 54 | -10.54 | AV | Horizontal |

Note: (1) All other emissions more than 20dB below the limit.





7.3 NUMBER OF HOPPING CHANNEL

7.3.1 Applicable Standard

According to FCC Part 15.247(a)(1) (iii)and ANSI C63.10-2013

7.3.2 Conformance Limit

Frequency hopping systems in the 2400-2483.5MHz band shall use at least 15 channels.

7.3.3 Measuring Instruments

The Measuring equipment is listed in the section 6.3 of this test report.

7.3.4 Test Setup

Please refer to Section 6.1 of this test report.

7.3.5 Test Procedure

The testing follows ANSI C63.10-2013 clause 7.8.3 The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement. Set to the maximum power setting and enable the EUT transmit continuously. The EUT must have its hopping function enabled. Use the following spectrum analyzer settings: Span = the frequency band of operation RBW : To identify clearly the individual channels, set the RBW to less than 30% of the channel spacing or the 20 dB bandwidth, whichever is smaller. VBW \geq RBW Sweep = auto Detector function = peak Trace = max hold

7.3.6 Test Results

| EUT: | Mobile Phone | Model No.: | GQ3103 |
|--------------|---------------|--------------------|-----------|
| Temperature: | 20 ℃ | Relative Humidity: | 48% |
| Test Mode: | Mode 5(1Mbps) | Test By: | Allen Liu |





7.4 HOPPING CHANNEL SEPARATION MEASUREMENT

7.4.1 Applicable Standard

According to FCC Part 15.247(a)(1) and ANSI C63.10-2013

7.4.2 Conformance Limit

Frequency hopping systems shall have hopping channel carrier frequencies separated by a minimum of 25 kHz or the 20 dB bandwidth of the hopping channel, whichever is greater. Alternatively, frequency hopping systems operating in the 2400-2483.5MHz band shall have hopping channel carrier frequencies that are separated by 25kHz or two-thirds of the 20dB bandwidth of the hopping channel, whichever is greater.

7.4.3 Measuring Instruments

The Measuring equipment is listed in the section 6.3 of this test report.

7.4.4 Test Setup

Please refer to Section 6.1 of this test report.

7.4.5 Test Procedure

The testing follows ANSI C63.10-2013 clause 7.8.2

The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator.

The path loss was compensated to the results for each measurement.

Set to the maximum power setting and enable the EUT transmit continuously.

The EUT was operating in controlled its channel.

Use the following spectrum analyzer settings:

Span = Measurement Bandwidth or Channel Separation

RBW: Start with the RBW set to approximately 30% of the channel spacing; adjust as necessary to best identify the center of each individual channel.

VBW ≥ RBW Sweep = auto

Detector function = peak Trace = max hold

7.4.6 Test Results

| EUT: | Mobile Phone | Model No.: | GQ3103 |
|--------------|-------------------|--------------------|-----------|
| Temperature: | 20 ℃ | Relative Humidity: | 48% |
| Test Mode: | Mode2/Mode3/Mode4 | Test By: | Allen Liu |





7.5 AVERAGE TIME OF OCCUPANCY (DWELL TIME)

7.5.1 Applicable Standard

According to FCC Part 15.247(a)(1)(iii) and ANSI C63.10-2013

7.5.2 Conformance Limit

The average time of occupancy on any channel shall not be greater than 0.4s within a period of 0.4s multiplied by the number of hopping channels employed.

7.5.3 Measuring Instruments

The Measuring equipment is listed in the section 6.3 of this test report.

7.5.4 Test Setup

Please refer to Section 6.1 of this test report.

7.5.5 Test Procedure

The testing follows ANSI C63.10-2013 clause 7.8.4 The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement. Set to the maximum power setting and enable the EUT transmit continuously. The EUT must have its hopping function enabled. Use the following spectrum analyzer settings: Span = zero span, centered on a hopping channel RBW \geq 1MHz VBW \geq RBW Sweep = as necessary to capture the entire dwell time per hopping channel Detector function = peak Trace = max hold Measure the maximum time duration of one single pulse. Set the EUT for DH5, DH3 and DH1 packet transmitting. Measure the maximum time duration of one single pulse.





7.5.6 **Test Results**

| EUT: | Mobile Phone | Model No.: | GQ3103 |
|--------------|-------------------|--------------------|------------------|
| Temperature: | 20 ℃ | Relative Humidity: | 48% |
| Test Mode: | Mode2/Mode3/Mode4 | Test By: | 48% Allen Liu |

Test data reference attachment.

Note:

A Period Time = (channel number)*0.4

DH1 Dwell time: Reading * (1600/2)*31.6/(channel number) DH3 Dwell time: Reading * (1600/4)*31.6/(channel number) DH5 Dwell time: Reading * (1600/6)*31.6/(channel number)

For Example:

- 1. In normal mode, hopping rate is 1600 hops/s with 6 slots in 79 hopping channels. With channel hopping rate (1600 / 6 / 79) in Occupancy Time Limit (0.4 x 79) (s), Hops Over Occupancy Time comes to $(1600 / 6 / 79) \times (0.4 \times 79) = 106.67$ hops.
- 2. In AFH mode, hopping rate is 800 hops/s with 6 slots in 20 hopping channels. With channel hopping rate (800 / 6 / 20) in Occupancy Time Limit (0.4 x 20) (s), Hops Over Occupancy Time comes to $(800 / 6 / 20) \times (0.4 \times 20) = 53.33$ hops.
- 3. Dwell Time(s) = Hops Over Occupancy Time (hops) x Package Transfer Time





7.6 20DB BANDWIDTH TEST

7.6.1 Applicable Standard

According to FCC Part 15.247(a)(1) and ANSI C63.10-2013

7.6.2 Conformance Limit

No limit requirement.

7.6.3 Measuring Instruments

The Measuring equipment is listed in the section 6.3 of this test report.

7.6.4 Test Setup

Please refer to Section 6.1 of this test report.

7.6.5 Test Procedure

The testing follows ANSI C63.10-2013 clause 6.9.2 The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement. Set to the maximum power setting and enable the EUT transmit continuously. The EUT was operating in controlled its channel. Use the following spectrum analyzer settings: Span = approximately 2 to 3 times the 20 dB bandwidth, centered on a hopping channel RBW \geq 1% of the 20 dB bandwidth VBW \geq RBW Sweep = auto Detector function = peak Trace = max hold

7.6.6 Test Results

| EUT: | Mobile Phone | Model No.: | GQ3103 |
|--------------|-------------------|--------------------|-----------|
| Temperature: | 20 ℃ | Relative Humidity: | 48% |
| Test Mode: | Mode2/Mode3/Mode4 | Test By: | Allen Liu |





7.7 PEAK OUTPUT POWER

7.7.1 Applicable Standard

According to FCC Part 15.247(b)(1) and ANSI C63.10-2013

7.7.2 Conformance Limit

The maximum peak conducted output power of the intentional radiator shall not exceed the following: (1) For frequency hopping systems operating in the 2400-2483.5 MHz band employing at least 75 non-overlapping hopping channels, and all frequency hopping systems in the 5725-5850 MHz band: 1 watt. For all other frequency hopping systems in the 2400-2483.5 MHz band 0.125 watts.

7.7.3 Measuring Instruments

The Measuring equipment is listed in the section 6.3 of this test report.

7.7.4 Test Setup

Please refer to Section 6.1 of this test report.

7.7.5 Test Procedure

The testing follows ANSI C63.10-2013 clause 7.8.5.

The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator.

The path loss was compensated to the results for each measurement.

Set to the maximum power setting and enable the EUT transmit continuously.

The EUT was operating in controlled its channel.

Use the following spectrum analyzer settings:

Span = approximately 5 times the 20 dB bandwidth, centered on a hopping channel

 $RBW \ge the 20 dB$ bandwidth of the emission being measured

 $VBW \ge RBW$

Sweep = auto

Detector function = peak Trace = max hold

7.7.6 Test Results

| EUT: | Mobile Phone | Model No.: | GQ3103 |
|--------------|-------------------|--------------------|-----------|
| Temperature: | 20 ℃ | Relative Humidity: | 48% |
| Test Mode: | Mode2/Mode3/Mode4 | Test By: | Allen Liu |





7.8 CONDUCTED BAND EDGE MEASUREMENT

7.8.1 Applicable Standard

According to FCC Part 15.247(d) and ANSI C63.10-2013

7.8.2 Conformance Limit

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in §15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.205(c)).

7.8.3 Measuring Instruments

The Measuring equipment is listed in the section 6.3 of this test report.

7.8.4 Test Setup

Please refer to Section 6.1 of this test report.

7.8.5 Test Procedure

The testing follows ANSI C63.10-2013 clause 7.8.6.

The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator.

The path loss was compensated to the results for each measurement.

Set to the maximum power setting and enable the EUT transmit continuously.

The EUT must have its hopping function enabled.

Use the following spectrum analyzer settings:

Span = approximately 5 times the 20 dB bandwidth, centered on a hopping channel

RBW = 100KHz

VBW = 300KHz

Band edge emissions must be at least 20 dB down from the highest emission level within the authorized band as measured with a 100kHz RBW. The attenuation shall be 30 dB instead of 20 dB when RMS conducted output power procedure is used.

Measure the highest amplitude appearing on spectral display and set it as a reference level. Plot the graph with marking the highest point and edge frequency.

Repeat above procedures until all measured frequencies were complete.

7.8.6 Test Results

| EUT: | Mobile Phone | Model No.: | GQ3103 |
|--------------|----------------------|--------------------|----------------------------|
| Temperature: | 20 °C | Relative Humidity: | 48% |
| Test Mode: | Mode2 /Mode4/ Mode 5 | Test By: | GQ3103 48% Allen Liu |





7.9 SPURIOUS RF CONDUCTED EMISSION

7.9.1 Applicable Standard

According to FCC Part 15.247(d) and ANSI C63.10-2013.

7.9.2 Conformance Limit

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in §15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a) (see §15.205(c)).

7.9.3 Measuring Instruments

The Measuring equipment is listed in the section 6.3 of this test report.

7.9.4 Test Setup

Please refer to Section 6.1 of this test report.

7.9.5 Test Procedure

Establish an emission level by using the following procedure:

a) Set the center frequency and span to encompass frequency range to be measured.

- b) Set the RBW = 100 kHz.
- c) Set the VBW \geq [3 × RBW].
- d) Detector = peak.
- e) Sweep time = auto couple.
- f) Trace mode = max hold.

g) Allow trace to fully stabilize.

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

Then the limit shall be attenuated by at least 20 dB relative to the maximum amplitude level in 100 kHz.

7.9.6 Test Results

Remark: The measurement frequency range is from 30MHzHz to the 10th harmonic of the fundamental frequency. The lowest, middle and highest channels are tested to verify the spurious emissions and bandege measurement data.





7.10 ANTENNA APPLICATION

7.10.1 Antenna 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.

7.10.2 Result

The EUT antenna is permanent attached PIFA antenna (Gain: 1.5dBi). It comply with the standard requirement.





7.11 FREQUENCY HOPPING SYSTEM (FHSS) EQUIPMENT REQUIREMENTS 7.11.1 Standard Applicable

According to FCC Part 15.247(a)(1), The system shall hop to channel frequencies that are selected at the system hopping rate from a pseudo randomly ordered list of hopping frequencies. Each frequency must be used equally on the average by each transmitter. The system receivers shall have input bandwidths that match the hopping channel bandwidths of their corresponding transmitters and shall shift frequencies in synchronization with the transmitted signals. (g) Frequency hopping spread spectrum systems are not required to employ all available hopping channels during each transmission. However, the system, consisting of both the transmitter and the receiver, must be designed to comply with all of the regulations in this section should the transmission bursts must comply with the definition of a frequency hopping system and must distribute its transmissions over the minimum number of hopping channels specified in this section. (h) The incorporation of intelligence within a frequency hopping spread spectrum system that permits the system to recognize other users within the spectrum band so that it individually and independently chooses and adapts its hopsets to avoid hopping on occupied channels is permitted. The coordination of frequency hopping systems in any other manner for the express purpose of avoiding the simultaneous occupancy of individual hopping frequencies by multiple transmitters is not permitted.

7.11.2 Frequency Hopping System

This transmitter device is frequency hopping device, and complies with FCC part 15.247 rule. This device uses Bluetooth radio which operates in 2400-2483.5 MHz band. Bluetooth uses a radio technology called frequency-hopping spread spectrum, which chops up the data being sent and transmits chunks of it on up to 79 bands (1 MHz each: centred from 2402 to 2480 MHz) in the range 2,400-2,483.5 MHz. The transmitter switches hop frequencies 1,600 times per second to assure a high degree of data security. All Bluetooth devices participating in a given piconet are synchronized to the frequency-hopping channel for the piconet. The frequency hopping sequence is determined by the master's device address and the phase of the hopping sequence (the frequency to hop at a specific time) is determined by the master's internal clock. Therefore, all slaves in a piconet must know the master's device address and must synchronize their clocks with the master's clock. Adaptive Frequency Hopping (AFH) was introduced in the Bluetooth specification to provide an effective way for a Bluetooth radio to counteract normal interference. AFH identifies "bad" channels, where either other wireless devices are interfering with the Bluetooth signal or the Bluetooth signal is interfering with another device. The AFH-enabled Bluetooth device will then communicate with other devices within its piconet to share details of any identified bad channels. The devices will then switch to alternative available "good" channels, away from the areas of interference, thus having no impact on the bandwidth used.

This device was tested with an bluetooth system receiver to check that the device maintained hopping synchronization, and the device complied with these requirements for FCC Part 15.247 rule.

7.11.3 EUT Pseudorandom Frequency Hopping Sequence

Pseudorandom Frequency Hopping Sequence Table as below: Channel: 08, 24, 40, 56, 40, 56, 72, 09, 01, 09, 33, 41, 33, 41, 65, 73, 53, 69, 06, 22, 04, 20, 36, 52, 38, 46, 70, 78, 68, 76, 21, 29, 10, 26, 42, 58, 44, 60, 76, 13, 03, 11, 35, 43, 37, 45, 69, 77, 55, 71, 08, 24, 08, 24, 40, 56, 40, 48, 72, 01, 72, 01, 25, 33, 12, 28, 44, 60, 42, 58, 74, 11, 05, 13, 37, 45 etc.

The system receiver have input bandwidths that match the hopping channel bandwidths of their corresponding transmitters and shift frequencies in synchronization with the transmitted signals.

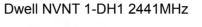


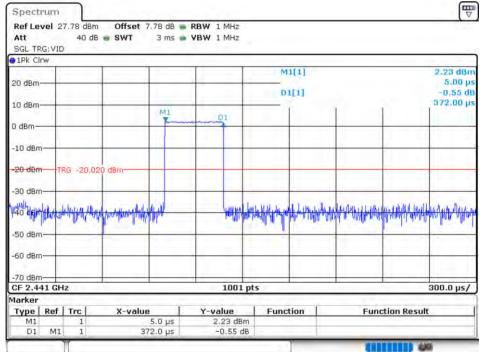


8 TEST RESULTS

8.1 DWELL TIME

| Mode | Frequency | Pulse Time | Total Dwell | Period Time | Limit | Verdict |
|-------|--|---|---|--|--|---|
| | (MHz) | (ms) | Time (ms) | (ms) | (ms) | |
| 1-DH1 | 2441 | 0.372 | 119.04 | 31600 | 400 | Pass |
| 1-DH3 | 2441 | 1.625 | 260 | 31600 | 400 | Pass |
| 1-DH5 | 2441 | 2.88 | 307.2 | 31600 | 400 | Pass |
| 2-DH1 | 2441 | 0.381 | 121.92 | 31600 | 400 | Pass |
| 2-DH3 | 2441 | 1.635 | 261.6 | 31600 | 400 | Pass |
| 2-DH5 | 2441 | 2.872 | 306.347 | 31600 | 400 | Pass |
| 3-DH1 | 2441 | 0.383 | 122.4 | 31600 | 400 | Pass |
| 3-DH3 | 2441 | 1.625 | 260 | 31600 | 400 | Pass |
| 3-DH5 | 2441 | 2.872 | 306.347 | 31600 | 400 | Pass |
| | Mode 1-DH1 1-DH3 1-DH5 2-DH1 2-DH3 2-DH5 3-DH1 3-DH3 | Mode Frequency (MHz) 1-DH1 2441 1-DH3 2441 1-DH5 2441 2-DH1 2441 2-DH3 2441 2-DH5 2441 3-DH1 2441 3-DH3 2441 | Mode Frequency (MHz) Pulse Time (ms) 1-DH1 2441 0.372 1-DH3 2441 1.625 1-DH5 2441 2.88 2-DH1 2441 0.381 2-DH3 2441 1.635 2-DH5 2441 0.381 3-DH1 2441 0.383 3-DH3 2441 1.625 | Mode Frequency (MHz) Pulse Time (ms) Total Dwell Time (ms) 1-DH1 2441 0.372 119.04 1-DH3 2441 1.625 260 1-DH5 2441 2.88 307.2 2-DH1 2441 0.381 121.92 2-DH3 2441 1.635 261.6 2-DH5 2441 2.872 306.347 3-DH1 2441 0.383 122.4 3-DH3 2441 1.625 260 | Mode Frequency (MHz) Pulse Time (ms) Total Dwell Time (ms) Period Time (ms) 1-DH1 2441 0.372 119.04 31600 1-DH3 2441 1.625 260 31600 1-DH5 2441 2.88 307.2 31600 2-DH1 2441 0.381 121.92 31600 2-DH3 2441 1.635 261.6 31600 2-DH5 2441 2.872 306.347 31600 3-DH1 2441 0.383 122.4 31600 3-DH3 2441 1.625 260 31600 | Mode Frequency (MHz) Pulse Time (ms) Total Dwell Time (ms) Period Time (ms) Limit (ms) 1-DH1 2441 0.372 119.04 31600 400 1-DH3 2441 1.625 260 31600 400 1-DH5 2441 2.88 307.2 31600 400 2-DH1 2441 0.381 121.92 31600 400 2-DH3 2441 1.635 261.6 31600 400 2-DH5 2441 2.872 306.347 31600 400 3-DH1 2441 0.383 122.4 31600 400 |





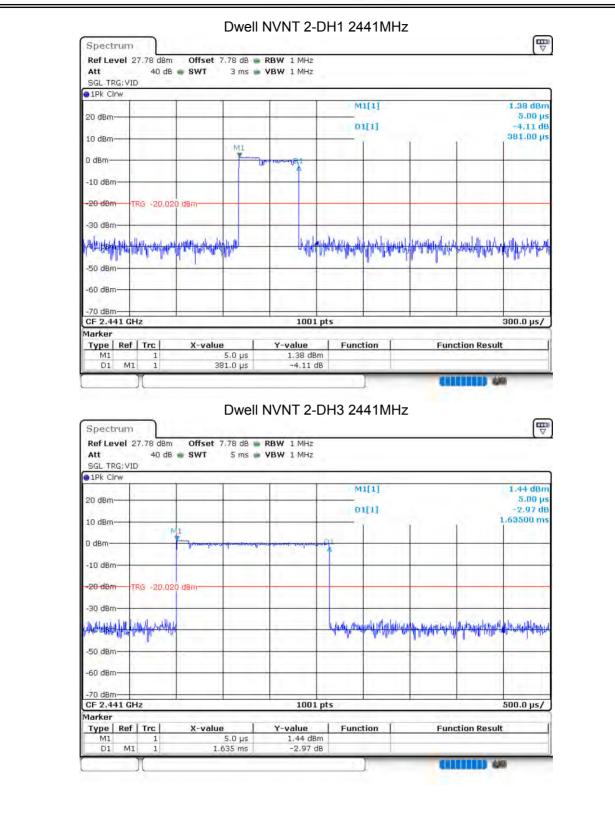




| SGL TRG: VID 91Pk Clrw | | | | | | | |
|---|--|--|------------------------------|---|--|-----------------------------------|---|
| 20 dBm | | - 14 | N | 11[1] | | | -7.94 dBr 10.00 μ |
| 10 dBm | | | 0 | 01[1] | | . 1 | 1.34 d 1.62500 m |
| 0 dBm | | . Ultra | | | | | |
| | สุข_งอา_อ.ภ.พ.มส์ของส์ป. 1 | | nd Lumar | | | | |
| -20 dBm TRG -20,020 | 1 dBro | | | | | | |
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| -30 dBm | | | and the sector | hallen og som | with two alls for the large | ما بل مرازاته بل الم | (Lat. date of yo |
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| -50 dBm- | | | | | - | 1 | |
| -60 dBm | | | | | | | |
| -70 dBm | | - 1 | 001 pts | | - | | 500.0 µs/ |
| Marker | | | | | | | |
| 1 1 . 1 | X-value | Y-valu | e Fund | ction | Fund | tion Result | |
| Type Ref Trc M1 1 | 10.0 µ | | F dBm | | | | |
| | | | ⊧dBm 34 dB | 1 | 00 | | |
| M1 1 D1 M1 1 Spectrum Ref Level 27.78 dBm | 10.0 µ 1.625 m Dw Offset 7.78 d | rell NVNT | ^{34 dв} 1-DH5 24 | 441MHz | - | | i V |
| M1 1 D1 M1 1 Spectrum Image: Construct of the second sec | 10.0 µ 1.625 m Dw Offset 7.78 d | rell NVNT | ^{34 dв} 1-DH5 24 |] 441MHz | - | | V |
| M1 1 D1 M1 1 Spectrum Image: Construct of the second sec | 10.0 µ 1.625 m Dw Offset 7.78 d | rell NVNT | 1-DH5 24 |] 441MHz 11[1] | - | | 2.60 dBn |
| M1 1 D1 M1 1 Spectrum Image: Construct of the second sec | 10.0 µ 1.625 m Dw Offset 7.78 d | rell NVNT | 1-DH5 24 | | - | | 2.60 dBn 8.00 μ -0.72 di |
| M1 1 D1 M1 1 Spectrum Image: Comparison of the system of the sy | 10.0 µ 1.625 m Dw Offset 7.78 d | rell NVNT | 1-DH5 24 | 11[1] | | | 2.60 dBn 8.00 μ -0.72 di |
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| M1 1 D1 M1 1 Spectrum Ref Level 27.78 dBm Att 40 dB 5GL TRG: VID O 1Pk Clrw 20 dBm 10 dBm | 10.0 µ 1.625 m Dw Offset 7.78 d | rell NVNT | 1-DH5 24 | 11[1] | | 3 | 2.60 dBr 8.00 μ -0.72 d |
| M1 1 D1 M1 1 Spectrum Image: Comparison of the system of the sy | 10.0 µ 1.625 m Dw Offset 7.78 d \$WT 8 m | rell NVNT | 1-DH5 24 | 11[1] | | 3 | |
| M1 1 D1 M1 1 D1 M1 1 Spectrum Image: Comparison of the system o | 10.0 µ 1.625 m Dw Offset 7.78 d \$WT 8 m | rell NVNT | 1-DH5 24 | 11[1] | | 3 | 2.60 dBn 8.00 μ -0.72 di |
| M1 1 D1 M1 1 D1 M1 1 Spectrum Ref Level 27.78 dBm 40 dB SGL TRG: VID 10 dBm 40 dB SGL TRG: VID 1Pk Clrw 20 dBm 10 dBm M1 0 -10 dBm M1 -20,020 -30 dBm TRG -20,020 | 10.0 µ 1.625 m Dw Offset 7.78 d \$WT 8 m | rell NVNT | 1-DH5 24 | 11[1] | | | 2.60 dBn 8.00 µ -0.72 di 2.88000 m |
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| M1 1 D1 M1 1 D1 M1 1 Spectrum Ref Level 27.78 dBm 40 dB SGL TRG:VID ● 1Pk Clrw 20 dBm 10 dBm M1 0 10 dBm M1 0 -10 dBm M1 -20,020 -30 dBm -50 dBm -50 dBm -50 dBm -60 dBm -60 dBm -70 dBm -70 dBm -70 dBm | 10.0 µ 1.625 m Dw Offset 7.78 d SWT 8 m | 1 | 1-DH5 24 | 11[1] 11[1] | | hlledginderæder | 2.60 dBr 8.00 µ -0.72 d 2.88000 m |
| M1 1 D1 M1 1 D1 M1 1 Spectrum Ref Level 27.78 dBm 40 dB Att 40 dB 5GL TRG: VID IPK Clrw 20 dBm 10 dBm 10 dBm M1 0 -10 dBm M1 -00 dBm -20 dBm TRG -20,020 -30 dBm -50 dBm -50 dBm -60 dBm -60 dBm -70 dBm -70 dBm CF 2.441 GHz -50 dBm | 10.0 µ 1.625 m Dw Offset 7.78 d \$WT 8 m | III IIII IIII IIII IIII IIII IIII IIII IIII IIII IIII IIII IIII IIII IIII IIII IIIIII | 1-DH5 24 | 11[1] 11[1] | | shahpirdarada | 2.60 dBr 8.00 µ -0.72 d 2.88000 m |











| Ref Level 27.78 dBm Offs Att 40 dB SWT SGL TRG: VID | et 7.78 dB 🖷 RBW 1 MHz 8 ms 💣 VBW 1 MHz | | | |
|---|---|--------------------------------|---|--|
| IPk Cirw | 1 | | | |
| 20 dBm | | M1[1] | | -7.04 dBm 8.00 µs |
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| -70 dBm- | | | | |
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| Type Ref Trc X-v M1 1 1 1 1 D1 M1 1 1 1 1 Spectrum Ref Level 27.78 dBm Offs 0 0 | 8.0 µs -7.04 de 2.872 ms 0.06 d Dwell NVNT 3- et 7.78 dB RBW 1 MHz | dB | 2 | Result |
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| Type Ref Trc X-v M1 1 1 1 D1 M1 1 1 Spectrum | 8.0 µs -7.04 de 2.872 ms 0.06 d Dwell NVNT 3- et 7.78 dB RBW 1 MHz | DH1 2441MH: | 2 |) ₩ (\ 1.53 dBm 2.50 µs |
| Type Ref Trc X-v M1 1 1 1 D1 M1 1 1 1 Spectrum Image: Construct on the second secon | 8.0 µs -7.04 de 2.872 ms 0.06 d Dwell NVNT 3- et 7.78 dB RBW 1 MHz 2.5 ms VBW 1 MHz | DH1 2441MH | z | |
| Type Ref Trc X-v M1 1 1 1 D1 M1 1 1 Spectrum Image: Comparison of the second se | 8.0 µs -7.04 de 2.872 ms 0.06 d Dwell NVNT 3- et 7.78 dB RBW 1 MHz | DH1 2441MH | z | 1.53 dBm 2.50 µs -2.71 dB |
| Type Ref Trc X-v M1 1 1 1 D1 M1 1 1 Spectrum Image: Comparison of the second se | 8.0 µs -7.04 de 2.872 ms 0.06 d Dwell NVNT 3- et 7.78 dB RBW 1 MHz 2.5 ms VBW 1 MHz | DH1 2441MH | z | 1.53 dBm 2.50 µs -2.71 dB |
| Type Ref Trc X-v M1 1 1 1 D1 M1 1 1 Spectrum Image: Comparison of the second se | 8.0 µs -7.04 de 2.872 ms 0.06 d Dwell NVNT 3- et 7.78 dB RBW 1 MHz 2.5 ms VBW 1 MHz | DH1 2441MH | z | 1.53 dBm 2.50 µs -2.71 dB |
| Type Ref Trc X-v M1 1 1 1 D1 M1 1 1 Spectrum Ref Level 27.78 dBm Offs Att 40 dB SWT SGL SGL TRG:VID 1 1 0 dBm 0 0 10 10 dBm 0 0 0 -10 dBm TRG -10,020 dBm -20 dBm -20 dBm -10 | 8.0 µs -7.04 de 2.872 ms 0.06 d Dwell NVNT 3- et 7.78 dB RBW 1 MHz 2.5 ms VBW 1 MHz | DH1 2441MH | z | 1.53 dBm 2.50 µs -2.71 dB |
| Type Ref Trc X-v M1 1 1 1 D1 M1 1 1 Spectrum Image: Construct of the second sec | 8.0 µs -7.04 de 2.872 ms 0.06 d Dwell NVNT 3- et 7.78 dB RBW 1 MHz 2.5 ms VBW 1 MHz | DH1 2441MH | | 1.53 dBm 2.50 µs -2.71 dB |
| Type Ref Trc X-v M1 1 1 1 D1 M1 1 1 D1 M1 1 1 Spectrum C Sweet and the second se | 8.0 µs -7.04 de 2.872 ms 0.06 d Dwell NVNT 3- et 7.78 dB RBW 1 MHz 2.5 ms VBW 1 MHz | DH1 2441MH | | 1.53 dBm 2.50 µs -2.71 dB |
| Type Ref Trc X-v M1 1 1 1 D1 M1 1 1 Spectrum Image: Comparison of the second se | 8.0 µs -7.04 de 2.872 ms 0.06 d Dwell NVNT 3- et 7.78 dB RBW 1 MHz 2.5 ms VBW 1 MHz | DH1 2441MH | | 1.53 dBm 2.50 µs -2.71 dB |
| Type Ref Trc X-v M1 1 1 1 D1 M1 1 1 D1 M1 1 1 Spectrum Gradient Stress Offs Att 40 d8 SWT SGL TRG: VID 1Pk Clrw 20 dBm 10 dBm 10 dBm 10 dBm -10 dBm TRG -10,020 dBm -20 dBm -30 dBm -30 dBm -50 dBm -60 dBm -60 dBm | 8.0 µs -7.04 de 2.872 ms 0.06 d Dwell NVNT 3- et 7.78 dB RBW 1 MHz 2.5 ms VBW 1 MHz | DH1 2441MH | | 1.53 dBm 2.50 µs -2.71 dB |
| Type Ref Trc X-v M1 1 1 1 D1 M1 1 1 Spectrum Image: Comparison of the second se | 8.0 µs -7.04 de 2.872 ms 0.06 d Dwell NVNT 3- et 7.78 dB RBW 1 MHz 2.5 ms VBW 1 MHz | DH1 2441MH | | 1.53 dBm 2.50 µs -2.71 dB |
| Type Ref Trc X-v M1 1 1 1 D1 M1 1 1 Spectrum Ref Level 27.78 dBm Offs Att 40 dB SWT SGL TRG: VID IPR CIrw 20 dBm 20 dBm 20 dBm 10 dBm TRG -10,020 dBm -20 dBm -20 dBm -30 dBm -50 dBm -50 dBm -50 dBm -70 dBm -70 dBm -70 dBm | 8.0 µs -7.04 de 2.872 ms 0.06 d Dwell NVNT 3- et 7.78 dB RBW 1 MHz 2.5 ms VBW 1 MHz 0.06 d 0.06 | DH1 2441MH | | 1.53 dBm 2.50 µs -2.71 dB 382.50 µs |





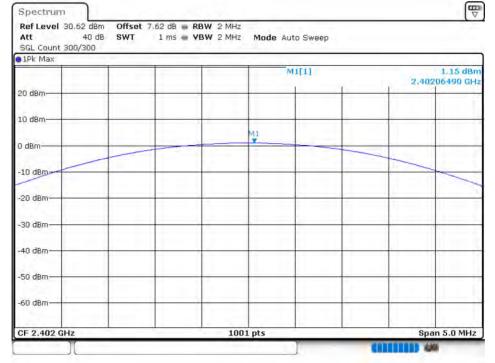
| Ref Level 27.78 dBm Offset 7.78 dB | B RBW 1 MHz | | | |
|---|----------------------------------|--|--|--|
| | WBW 1 MHz | | | |
| SGL TRG: VID 9 1Pk Clrw | _ | | | |
| | -11 | M1[1] | | -7.63 dBr |
| 20 dBm- | | 01[1] | | 5.00 µ -2.51 d |
| 10 dBm | | | 6 - A - A | 1.62500 m |
| 0 dBm | | | | |
| M1 | land your distant hange the land | cierto. | | |
| -10 dBm | Les A month States (how Kill) a | 14 | | 1 |
| -29 dBm TRG -20,020 dBm | _ | | | |
| -30 dBm- | | | | |
| | | and the dr. In | to state the second | the star has |
| nyhendeliniden ander and | | Aradelatic Consultation | apartapped to a second state of the second sta | adder and mail |
| -50 dBm- | - | | | - |
| -60 dBm | | | | |
| | | | | 1.1 |
| -70 dBm CF 2.441 GHz | 1001 | nts | | 500.0 µs/ |
| Marker | 1001 | | | 20010 µ3/ |
| Type Ref Trc X-value | Y-value | Function | Function Resul | 8 |
| | | | | |
| М1 1 5.0 µs D1 M1 1 1.625 ms | | | | |
| M1 1 5.0 µs | | | anno e | 8 |
| M1 1 5.0 µs D1 M1 1 1.625 ms DW6 Spectrum Ref Level 27.78 dBm Offset 7.78 dB | -2.51 d ell NVNT 3-I | | | a [₩ |
| M1 1 5.0 µs D1 M1 1 1.625 ms Duble Duble Duble Duble Spectrum Ref Level 27.78 dBm Offset 7.78 dB Att 40 dB SWT 8 ms SGL TRG: VID SWT 8 ms SWT 8 ms | -2.51 d ell NVNT 3-I | B] | anno s | ∎ Ţ |
| M1 1 5.0 µs D1 M1 1 1.625 ms D1 M1 1 1.625 ms D1 M1 1 1.625 ms D1 M1 1 0.625 ms D0 Spectrum 0 0 Ref Level 27.78 dBm Offset 7.78 dB Att 40 dB • SWT 8 ms | -2.51 d ell NVNT 3-I | DH5 2441MHz | | |
| M1 1 5.0 µs D1 M1 1 1.625 ms Duble Duble Duble Duble Spectrum Ref Level 27.78 dBm Offset 7.78 dB Att 40 dB SWT 8 ms SGL TRG: VID SWT 8 ms SWT 8 ms | -2.51 d ell NVNT 3-I | DH5 2441MHz | | -7.82 dBr 8.00 p |
| M1 1 5.0 µs D1 M1 1 1.625 ms D M2 M3 M3 Ref Level 27.78 dBm Offset 7.78 dB Att 40 dB SWT 8 ms SGL TRG: VID 9 IPk Clrw 1 1 20 dBm 1 1 1 1 | -2.51 d ell NVNT 3-I | DH5 2441MHz | | -7.82 dBr 8.00 µ -0,30 d |
| M1 1 5.0 µs D1 M1 1 1.625 ms Due D D D D Ref Level 27.78 dBm Offset 7.78 dB Att 40 dB SWT 8 ms SGL TRG: VID 1 1 IPk Cirw 20 dBm 10 dBm 10 dBm | -2.51 d ell NVNT 3-I | DH5 2441MHz | | -7.82 dBn 8.00 µ -0,30 d |
| M1 1 5.0 µs D1 M1 1 1.625 ms Duble Dweet Dweet Dweet Spectrum Ref Level 27.78 dBm Offset 7.78 dB Att 40 dB SWT 8 ms SGL TRG: VID 1Pk Cirw 20 dBm 10 dBm 10 dBm | -2.51 d | DH5 2441MHz | | -7.82 dBn 8.00 µ -0,30 dl 2.87200 m |
| M1 1 5.0 µs D1 M1 1 1.625 ms D M2 M3 M3 Ref Level 27.78 dBm Offset 7.78 dB Att Att 40 dB SWT 8 ms SGL TRG: VID Image: Marce and | -2.51 d | DH5 2441MHz | | -7.82 dBn 8.00 µ -0,30 d |
| M1 1 5.0 µs D1 M1 1 1.625 ms DWe DWe Spectrum Ref Level 27.78 dBm Offset 7.78 dB Att 40 dB SWT 8 ms SGL TRG: VID 18 ms 9 MI 10 dBm 10 dBm 11 ms | -2.51 d | DH5 2441MHz | | -7.82 dBn 8.00 µ -0,30 d |
| M1 1 5.0 µs D1 M1 1 1.625 ms D M1 1 1.625 ms Spectrum Att 40 db SWT 8 ms SGL TRG: VID IPK Cirw 20 dBm 10 dBm <td< td=""><td>-2.51 d</td><td>DH5 2441MHz</td><td></td><td>-7.82 dBn 8.00 µ -0,30 d</td></td<> | -2.51 d | DH5 2441MHz | | -7.82 dBn 8.00 µ -0,30 d |
| M1 1 5.0 µs D1 M1 1 1.625 ms During Difference During During Ref Level 27.78 dBm Offset 7.78 dB Att 40 dB SWT 8 ms SGL TRG:VID 10 dBm 10 dBm 10 dBm 10 dBm M1 1 10 dBm 10 dBm -10 dBm M1 TRG -20.020 dBm -30 dBm -30 dBm | -2.51 d | DH5 2441MHz | | -7.82 dBn 8.00 µ -0.30 di 2.87200 m |
| M1 1 5.0 µs D1 M1 1 1.625 ms D M1 1 1.625 ms Spectrum Att 40 db SWT 8 ms SGL TRG: VID IPK Cirw 20 dBm 10 dBm <td< td=""><td>-2.51 d</td><td>DH5 2441MHz</td><td></td><td>-7.82 dBn 8.00 µ -0.30 di 2.87200 m</td></td<> | -2.51 d | DH5 2441MHz | | -7.82 dBn 8.00 µ -0.30 di 2.87200 m |
| M1 1 5.0 µs D1 M1 1 1.625 ms D M1 1 1.625 ms Ref Level 27.78 dBm Offset 7.78 dB Att 40 dB SWT 8 ms SGL TRG:VID 18 ms 10 dBm 10 dBm 10 dBm M1 1 1.000 mm 10 mm -10 dBm M1 1.000 mm 10 mm 10 mm -30 dBm M1 1.000 mm 1.000 mm 1.000 mm | -2.51 d | DH5 2441MHz | | -7.82 dBn 8.00 µ -0.30 di 2.87200 m |
| M1 1 5.0 µs D1 M1 1 1.625 ms DWe DWe Spectrum Ref Level 27.78 dBm Offset 7.78 dB Att 40 dB SWT 8 ms SGL TRG: VID 10 dBm 10 dBm 10 dBm 10 dBm M1 1 1.00 dBm -20 dBm -30 dBm -50 dBm | -2.51 d | DH5 2441MHz | | -7.82 dBn 8.00 µ -0.30 di 2.87200 m |
| M1 1 5.0 µs D1 M1 1 1.625 ms D M1 1 1.625 ms Ref Level 27.78 dBm Offset 7.78 dB Att 40 dB SWT 8 ms SGL TRG:VID 18 ms 10 dBm 10 dBm 10 dBm M1 1 1.000 mm 10 mm -10 dBm M1 1.000 mm 10 mm 10 mm -30 dBm M1 1.000 mm 1.000 mm 1.000 mm | -2.51 d | DH5 2441MHz | | -7.82 dBn 8.00 µ -0.30 di 2.87200 m |
| M1 1 5.0 µs D1 M1 1 1.625 ms DWe DWe DWe DWe Spectrum Ref Level 27.78 dBm Offset 7.78 dB Att 7.8 dB Att 40 dB SWT 8 ms SGL TRG: VID 1Pk Clrw 20 dBm 10 dBm 10 dBm 10 dBm M1 TrG -20.020 dBm 10 um-we -30 dBm -50 dBm -60 dBm -70 dBm -70 dBm | -2.51 d | B DH5 2441MHz | | -7.82 dBr 8.00 µ -0.30 d 2.87200 m |
| M1 1 5.0 µs D1 M1 1 1.625 ms DWe DWe DWe DWe Spectrum Ref Level 27.78 dBm Offset 7.78 dB Att Att 40 dB SWT 8 ms SGL TRG: VID 1Pk Clrw 20 dBm 10 dBm 10 dBm 10 dBm M1 TrT"Utwo-proglewofper townword 20 dBm -10 dBm M1 TrT"Utwo-proglewofper townword 20 dBm -30 dBm -50 dBm -50 dBm -50 dBm -50 dBm -70 dBm -70 dBm -70 dBm -70 dBm -70 dBm | -2.51 d | B DH5 2441MHz | | -7.82 dBr 8.00 µ -0.30 d 2.87200 m |
| M1 1 5.0 µs D1 M1 1 1.625 ms DWe DWe DWe DWe Spectrum Ref Level 27.78 dBm Offset 7.78 dB Att Att 40 dB SWT 8 ms SGL TRG: VID IPk Clrw Imp Truthon program (support 10 dBm 10 dBm M1 Imp Truthon program (support 10 mm Program (support -10 dBm M1 Imp Truthon program (support 10 mm Program (support -20 dBm TRG -20,020 dBm Imp Program (support 10 mm Program (support -30 dBm Imp Program Imp Program (support Imp Program (support 1mm Program (support -50 dBm Imp Program Imp Program (support Imp Program (support Imp Program (support) -50 dBm Imp Program Imp Program (support) Imp Program (support) Imp Program (support) Imp Program (support) -50 dBm Imp Program (support) Imp Program (supProgram (support) Im | -2.51 d | B DH5 2441MHz 01[1] 01[1] pts | | -7.82 dBr 8.00 µ -9.30 d 2.87200 m 01. (л. мар) 800.0 µs/ |
| M1 1 5.0 µs D1 M1 1 1.625 ms During M1 M1 M1 M1 M1 40 dB SWT B ms SGL TRG VID M1 M2 M2 M2 M2 M2 M2 M1 M1 M2 M2 M2 M2 M1 M1 M2 M3 M2 M3 M2 M3 M3 M3 M3 <thm< td=""><td>-2.51 d</td><td>B DH5 2441MHz M1[1] 01[1] 01[1] pts Function</td><td>หละอาราร์ที่มีสามาราสใหล่านราย </td><td>-7.82 dBr 8.00 µ -0,30 d 2.87200 m 01. (л. ил.) 800.0 µs/</td></thm<> | -2.51 d | B DH5 2441MHz M1[1] 01[1] 01[1] pts Function | หละอาราร์ที่มีสามาราสใหล่านราย | -7.82 dBr 8.00 µ -0,30 d 2.87200 m 01. (л. ил.) 800.0 µs/ |
| M1 1 5.0 µs D1 M1 1 1.625 ms DWe DWe DWe DWe Spectrum Ref Level 27.78 dBm Offset 7.78 dB Att Att 40 dB SWT 8 ms SGL TRG: VID IPk Clrw Imp Truthon program (support 10 dBm 10 dBm M1 Imp Truthon program (support 10 mm Program (support -10 dBm M1 Imp Truthon program (support 10 mm Program (support -20 dBm TRG -20,020 dBm Imp Program (support 10 mm Program (support -30 dBm Imp Program Imp Program (support Imp Program (support 1mm Program (support -50 dBm Imp Program Imp Program (support Imp Program (support Imp Program (support) -50 dBm Imp Program Imp Program (support) Imp Program (support) Imp Program (support) Imp Program (support) -50 dBm Imp Program (support) Imp Program (supProgram (support) Im | -2.51 d | B DH5 2441MHz M1[1] 01[1] 01[1] pts Function | หละอาราร์ที่มีสามาราสใหล่านราย | -7.82 dBr 8.00 µ -9.30 d 2.87200 m 01. (л. мар) 800.0 µs/ |



8.2 MAXIMUM CONDUCTED OUTPUT POWER

| | 000 | DOOLED COLL OL | | | | |
|-----------|-------|-----------------|---------|-------------|-------------|---------|
| Condition | Mode | Frequency (MHz) | Antenna | Power (dBm) | Limit (dBm) | Verdict |
| NVNT | 1-DH5 | 2402 | Ant 1 | 1.15 | 30 | Pass |
| NVNT | 1-DH5 | 2441 | Ant 1 | 2.75 | 30 | Pass |
| NVNT | 1-DH5 | 2480 | Ant 1 | 1.377 | 30 | Pass |
| NVNT | 2-DH5 | 2402 | Ant 1 | 1.729 | 21 | Pass |
| NVNT | 2-DH5 | 2441 | Ant 1 | 2.208 | 21 | Pass |
| NVNT | 2-DH5 | 2480 | Ant 1 | 1.005 | 21 | Pass |
| NVNT | 3-DH5 | 2402 | Ant 1 | 0.886 | 21 | Pass |
| NVNT | 3-DH5 | 2441 | Ant 1 | 1.368 | 21 | Pass |
| NVNT | 3-DH5 | 2480 | Ant 1 | 1.01 | 21 | Pass |

Power NVNT 1-DH5 2402MHz Ant1



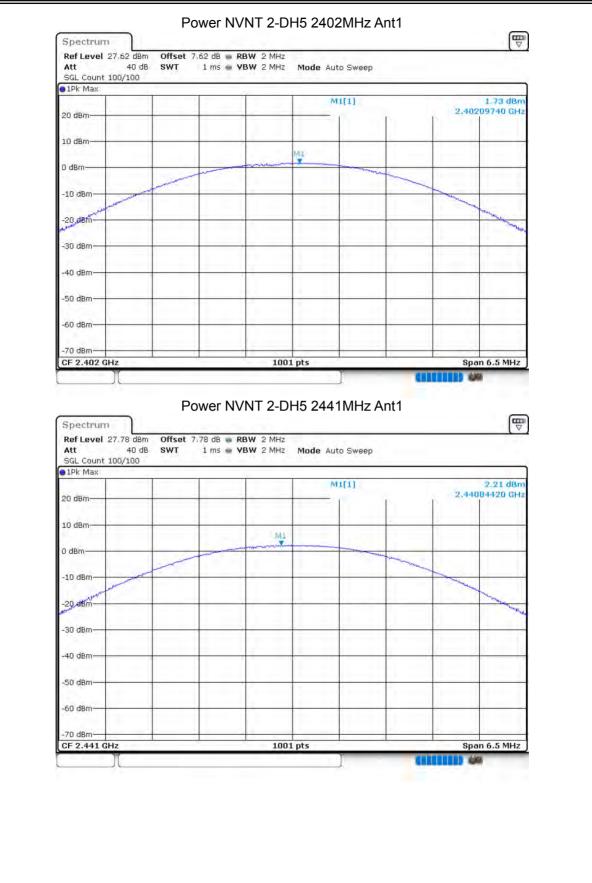




| Ref Level 27.78 dBm Att 40 dB SGL Count 100/100 | | dB B RBW 2 MHz ms B VBW 2 MHz | Mode Auto Sweep | | |
|---|-------------|--|-----------------|---------------------------------------|---------------------------|
| • 1Pk Max | | Ĩ. | 141513 | | 0.35.40. |
| 20 dBm- | | | M1[1] | 1 - L | 2,75 dBr 2,44097000 GH |
| LC UDIT | | | | n P | |
| 10 dBm | | | | | |
| | | M | | | |
| 0 dBm | | | | | _ |
| -10 dBm | | | | | |
| | | _ | | | |
| -20 dBm | | | | 1 | |
| -30 dBm | | | | | |
| | | | | | |
| -40 dBm | | | | + + | |
| -50 dBm | | | | | |
| JU UUIII | | | 1 | · · · · · · · · · · · · · · · · · · · | |
| -60 dBm | | | | - | |
| -70 dBm | | | | - | |
| -70 dBm | | 100 | 1 pts | 1 1 | Span 5.0 MHz |
| Spectrum Ref Level 27.60 dBm Att 40 dB SGL Count 150/150 | Offset 7.60 | dB 🔳 RBW 2 MHz | H5 2480MHz A | Int'i | |
| Ref Level 27.60 dBm Att 40 dB SGL Count 150/150 1Pk Max | Offset 7.60 | dB 🔳 RBW 2 MHz | | | 1,38 dBr |
| Ref Level 27.60 dBm Att 40 dB SGL Count 150/150 | Offset 7.60 | dB 🔳 RBW 2 MHz | Mode Auto Sweep | | |
| Ref Level 27.60 dBm Att 40 dB SGL Count 150/150 1Pk Max | Offset 7.60 | dB 🔳 RBW 2 MHz | Mode Auto Sweep | | 1,38 dBr |
| Ref Level 27.60 dBm Att 40 dB sGL count 150/150 IPk Max 20 dBm 10 dBm 10 dBm | Offset 7.60 | dB 🔳 RBW 2 MHz | Mode Auto Sweep | | 1,38 dBr |
| Ref Level 27.60 dBm Att 40 dB sGL count 150/150 IPk Max 20 dBm 20 sGL count 150/150 | Offset 7.60 | dB RBW 2 MHz ms VBW 2 MHz | Mode Auto Sweep | | 1,38 dBr |
| Ref Level 27.60 dBm Att 40 dB SGL Count 150/150 IPk Max 20 dBm 10 | Offset 7.60 | dB RBW 2 MHz ms VBW 2 MHz | Mode Auto Sweep | | 1,38 dBr |
| Ref Level 27.60 dBm Att 40 dB SGL Count 150/150 IPk Max 20 dBm 10 dBm 0 dBm | Offset 7.60 | dB RBW 2 MHz ms VBW 2 MHz | Mode Auto Sweep | | 1,38 dBr |
| Ref Level 27.60 dBm Att 40 dB SGL Count 150/150 IPk Max 20 dBm 10 10 dBm 0 D dBm | Offset 7.60 | dB RBW 2 MHz ms VBW 2 MHz | Mode Auto Sweep | | 1,38 dBr |
| Ref Level 27.60 dBm Att 40 dB SGL Count 150/150 IPk Max 20 dBm 20 | Offset 7.60 | dB RBW 2 MHz ms VBW 2 MHz | Mode Auto Sweep | | 1,38 dBr |
| Ref Level 27.60 dBm Att 40 dB SGL Count 150/150 1Pk Max 20 dBm 10 dBm 0 dBm -10 dBm -0 dBm -20 dBm -30 dBm | Offset 7.60 | dB RBW 2 MHz ms VBW 2 MHz | Mode Auto Sweep | | 1,38 dBr |
| Ref Level 27.60 dBm Att 40 dB SGL Count 150/150 1Pk Max 20 dBm 10 dBm 0 dBm -10 dBm -0 dBm | Offset 7.60 | dB RBW 2 MHz ms VBW 2 MHz | Mode Auto Sweep | | 1,38 dBr |
| Ref Level 27.60 dBm Att 40 dB SGL Count 150/150 1Pk Max 20 dBm 10 dBm 0 dBm -10 dBm -0 dBm -20 dBm -30 dBm | Offset 7.60 | dB RBW 2 MHz ms VBW 2 MHz | Mode Auto Sweep | | 1,38 dBr |
| Ref Level 27.60 dBm Att 40 dB SGL Count 150/150 IPk Max 20 dBm 20 dBm 10 dBm 10 dBm - -20 dBm - -30 dBm - -40 dBm - | Offset 7.60 | dB RBW 2 MHz ms VBW 2 MHz | Mode Auto Sweep | | 1,38 dBr |
| Ref Level 27.60 dBm Att 40 dB SGL Count 150/150 1Pk Max 20 dBm 20 dBm 10 dBm 10 dBm -0 dBm -20 dBm -0 dBm -30 dBm -40 dBm | Offset 7.60 | dB RBW 2 MHz ms VBW 2 MHz | Mode Auto Sweep | | 1,38 dBr |
| Ref Level 27.60 dBm Att 40 dB SGL Count 150/150 IPk Max 20 dBm 20 dBm 10 dBm 10 dBm - -20 dBm - -30 dBm - -40 dBm - -50 dBm - -70 dBm - | Offset 7.60 | dB B RBW 2 MHz ms VBW 2 MHz | Mode Auto Sweep | | 1,38 dBr 2,47997500 GH |
| Ref Level 27.60 dBm Att 40 dB SGL Count 150/150 IPk Max 20 dBm 20 dBm 10 dBm 10 dBm - -20 dBm - -30 dBm - -40 dBm - -50 dBm - -70 dBm - | Offset 7.60 | dB B RBW 2 MHz ms VBW 2 MHz | Mode Auto Sweep | | 1.38 dBr 2.47997500 GH |
| Ref Level 27.60 dBm Att 40 dB SGL Count 150/150 IPk Max 20 dBm 20 dBm 10 10 dBm 10 -20 dBm 10 -30 dBm 10 -50 dBm 10 -60 dBm 10 | Offset 7.60 | dB B RBW 2 MHz ms VBW 2 MHz | Mode Auto Sweep | | 1,38 dBr 2,47997500 GH |

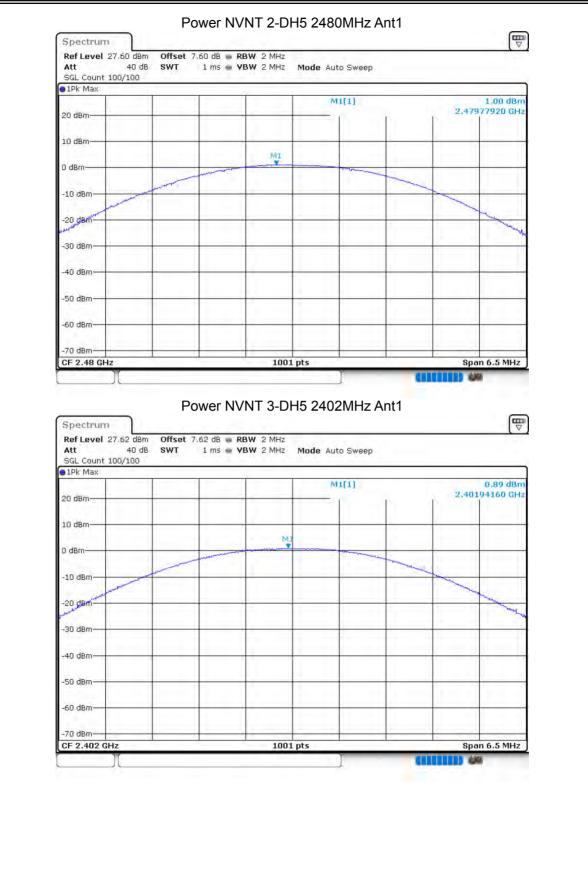






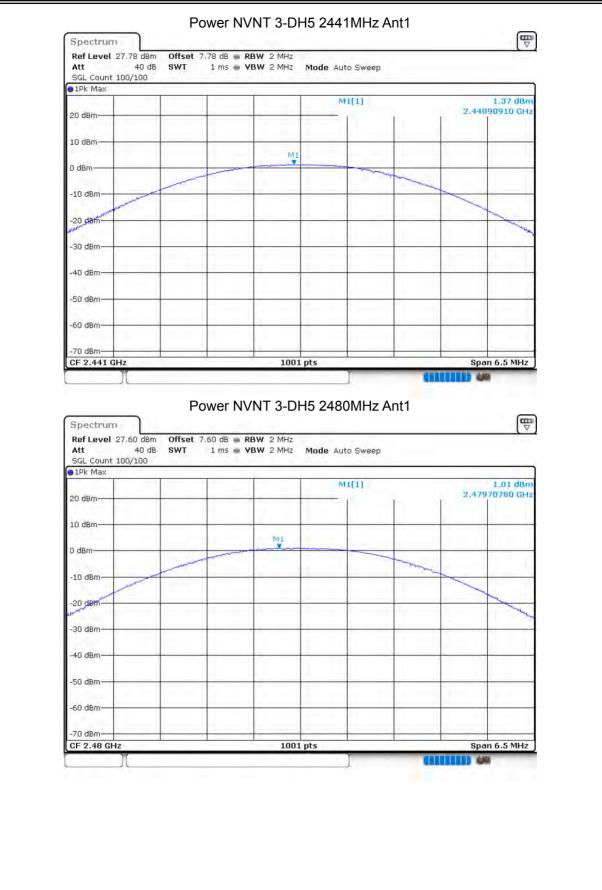














8.3 OCCUPIED CHANNEL BANDWIDTH

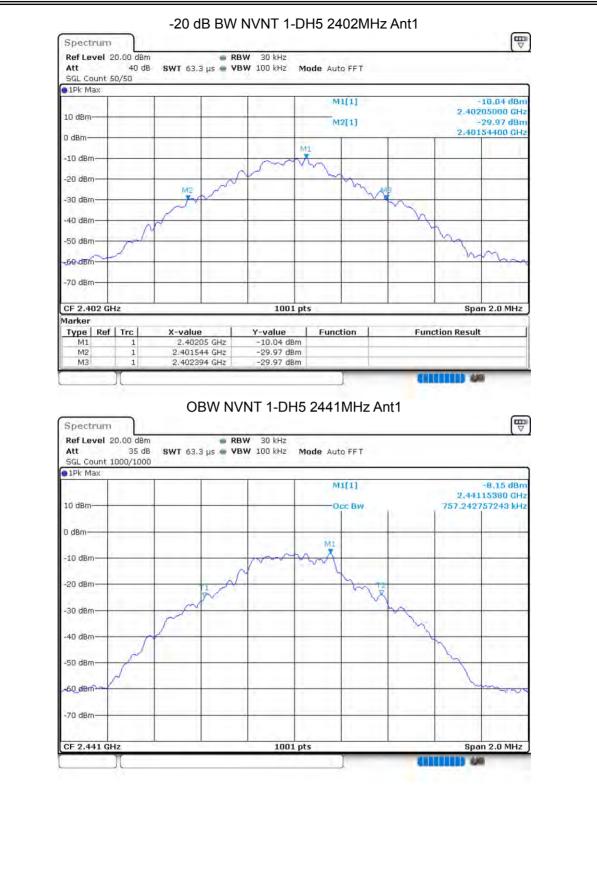
| 0.3 00001 | | | 1 | | | |
|-----------|-------|-----------|---------|---------|------------------|---------|
| Condition | Mode | Frequency | Antenna | 99% OBW | -20 dB Bandwidth | Verdict |
| | | (MHz) | | (MHz) | (MHz) | |
| NVNT | 1-DH5 | 2402 | Ant 1 | 0.7752 | 0.85 | Pass |
| NVNT | 1-DH5 | 2441 | Ant 1 | 0.7572 | 0.858 | Pass |
| NVNT | 1-DH5 | 2480 | Ant 1 | 0.7672 | 0.806 | Pass |
| NVNT | 2-DH5 | 2402 | Ant 1 | 1.1469 | 1.268 | Pass |
| NVNT | 2-DH5 | 2441 | Ant 1 | 1.1489 | 1.26 | Pass |
| NVNT | 2-DH5 | 2480 | Ant 1 | 1.1409 | 1.248 | Pass |
| NVNT | 3-DH5 | 2402 | Ant 1 | 1.1528 | 1.254 | Pass |
| NVNT | 3-DH5 | 2441 | Ant 1 | 1.1508 | 1.252 | Pass |
| NVNT | 3-DH5 | 2480 | Ant 1 | 1.1489 | 1.248 | Pass |





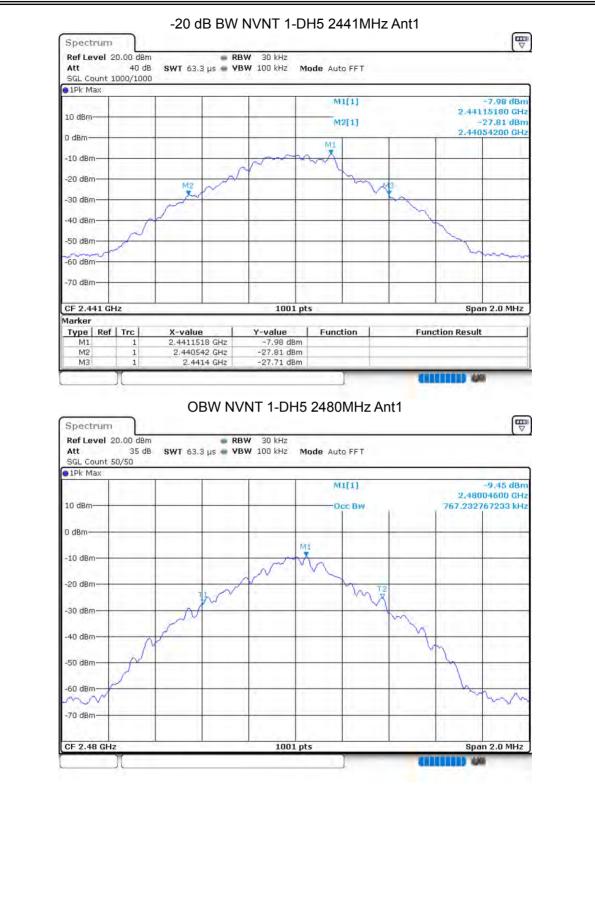






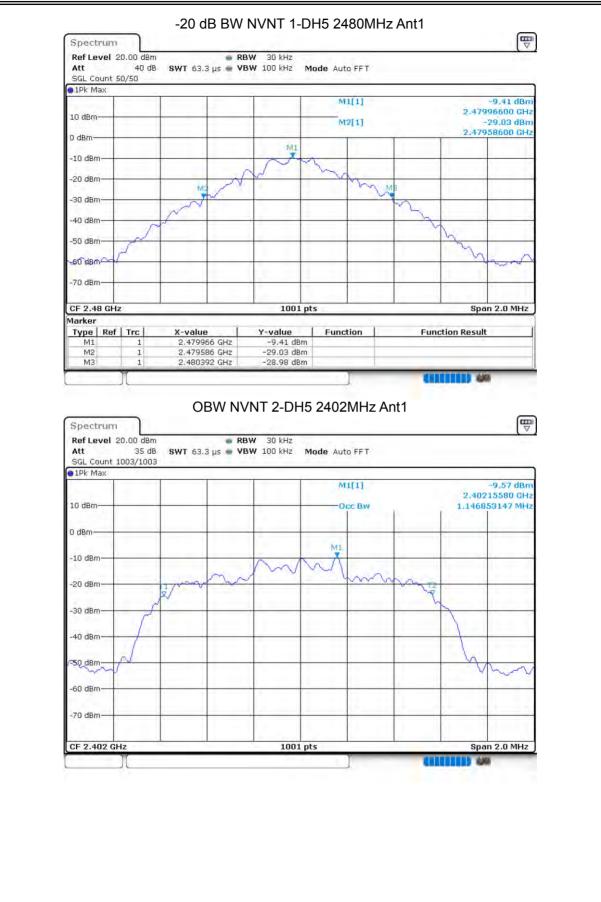






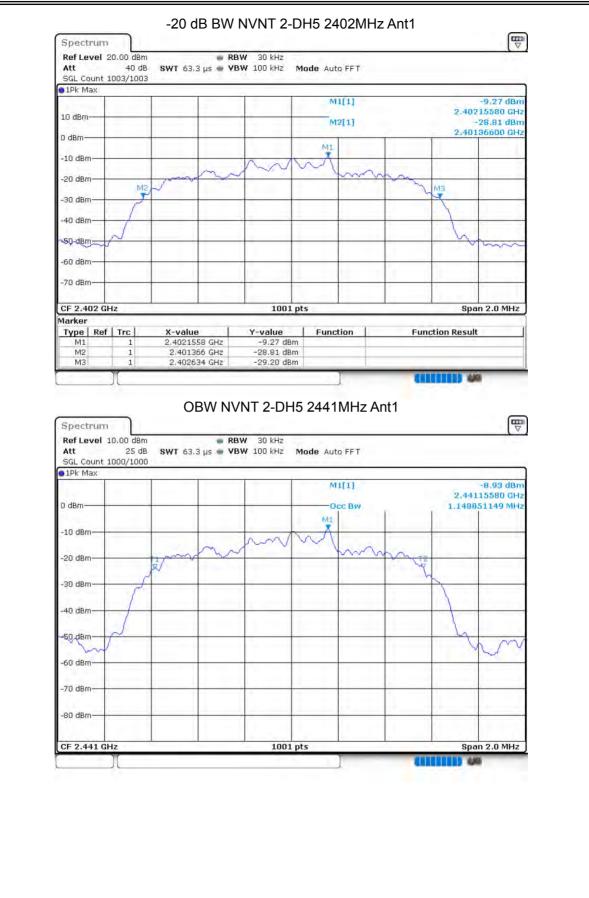






























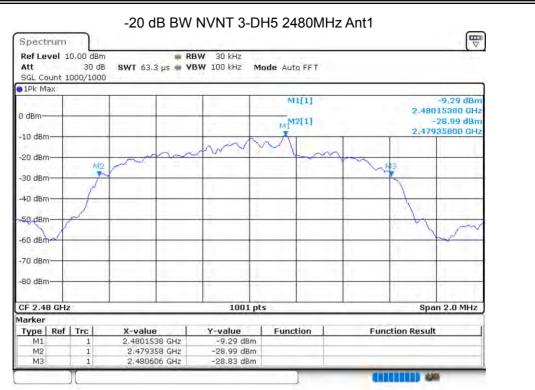










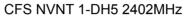


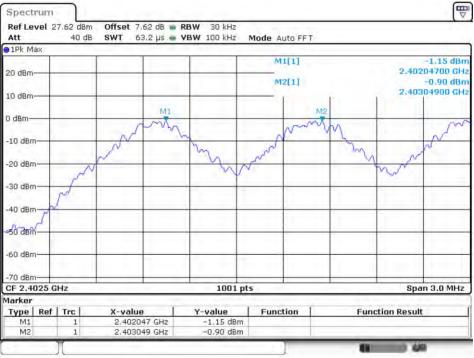




8.4 CARRIER FREQUENCIES SEPARATION

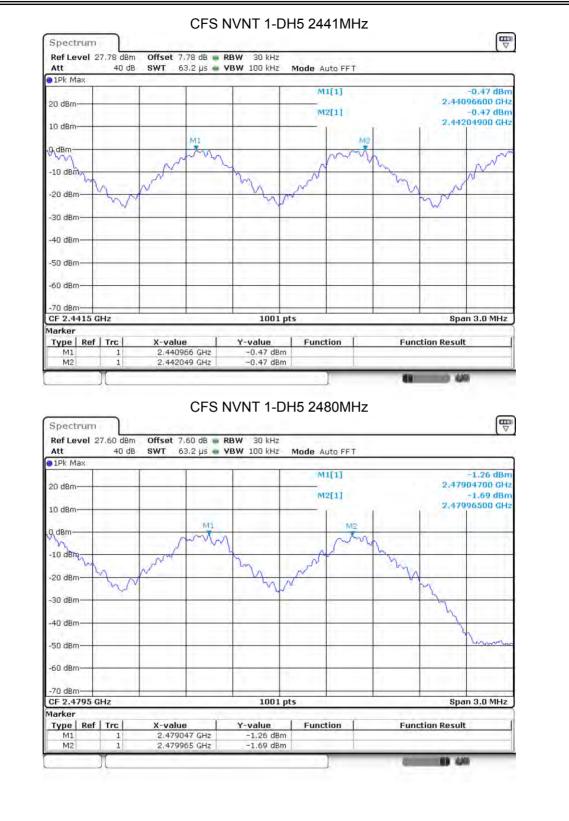
| U. OANIE | | | N | | | |
|-----------------|-------|---------------|---------------|-------|-------|---------|
| Condition | Mode | Hopping Freq1 | Hopping Freq2 | HFS | Limit | Verdict |
| | | (MHz) | (MHz) | (MHz) | (MHz) | |
| NVNT | 1-DH5 | 2402.047 | 2403.049 | 1.002 | 0.85 | Pass |
| NVNT | 1-DH5 | 2440.966 | 2442.049 | 1.083 | 0.858 | Pass |
| NVNT | 1-DH5 | 2479.047 | 2479.965 | 0.918 | 0.806 | Pass |
| NVNT | 2-DH5 | 2402.155 | 2403.157 | 1.002 | 0.845 | Pass |
| NVNT | 2-DH5 | 2441.017 | 2442.007 | 0.99 | 0.84 | Pass |
| NVNT | 2-DH5 | 2478.828 | 2480.157 | 1.329 | 0.832 | Pass |
| NVNT | 3-DH5 | 2402.155 | 2403.157 | 1.002 | 0.836 | Pass |
| NVNT | 3-DH5 | 2441.008 | 2442.157 | 1.149 | 0.835 | Pass |
| NVNT | 3-DH5 | 2479.155 | 2480.157 | 1.002 | 0.832 | Pass |







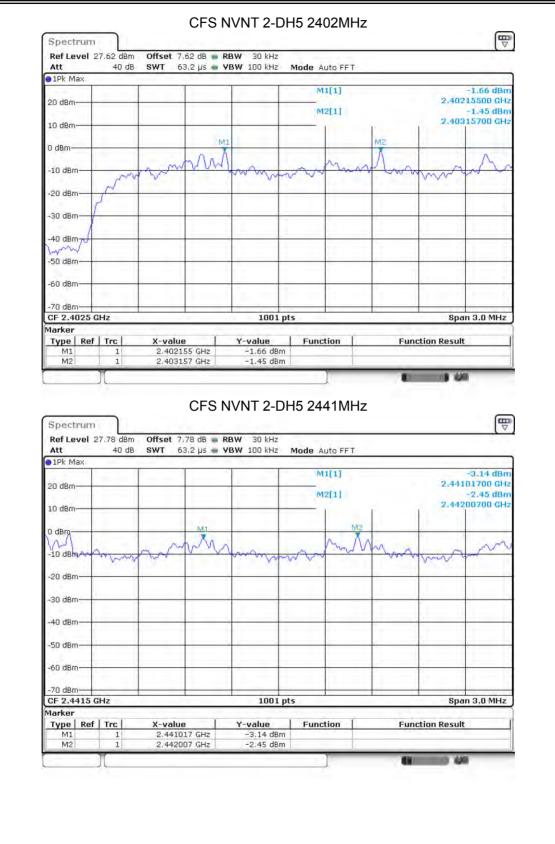


























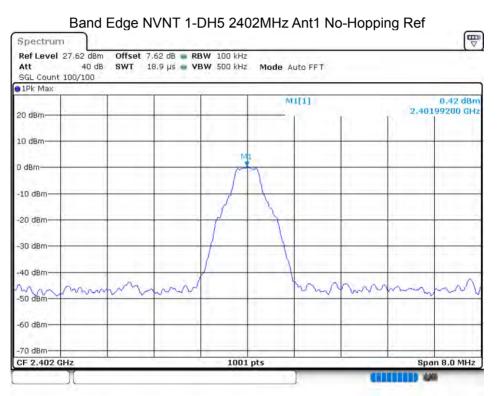


| | | | G CHANNEL | | | | | | | |
|---------|--------------|--|--|--------|--|----------|-----------------------|----------------------|----------------|------------|
| ndition | Mode | Hoppir | ng Number | Limit | Verdic | | | | | |
| NVNT | 1-DH5 | | 79 | 15 | Pass | | | | | |
| | | | | | | | | | | |
| | | | Hoppir | ng No. | NVNT [·] | 1-DH5 | 24021 | /IHz | | |
| | Spectre | and the set of the set | | | | | | | | |
| | Att | el 27.62 dB 40 d | | | 100 kHz 300 kHz | Mode Aut | to Sweep | | | |
| | SGL Cou | nt 7000/700 | | | | Great an | | | | |
| | The May | | | 1 | | M1 | [1] | | | 2.61 dBm |
| | 20 dBm- | 1 | | | | M2 | | | 2,40 | 0.07 dBm |
| | 10 dBm- | | | | | 1 | [+] | t. | 2.48 | 102435 GHz |
| | | A A A A A A A A A A A A A A A A A A A | | haaaaa | ABBAAAAA | AAAAAAA | NAAAAAA | ADDDDDDD | AAAAaaaa | MZ |
| | - 1010A | AGALANAR | UUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU | MAMAA | | HARAR | UUUUU | WAAAAAA | HUIMAAA. | ANNAA |
| | -14 464 | <u> </u> | <u>hananananana</u> ta | HAAMAA | 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1 | AAAJON | <u> Y H Y H Y H Y</u> | <u>11111111111</u> 1 | XAAAAAA | WY WW |
| | -20 dBm- | | | | | | - | | - Clerk | <u></u> |
| | -30 dBm- | | | | | | _ | | 1.1.1.1 | |
| | | | | | | | | | 1 | 1211 |
| | -40 dBm- | | | | | | | | 1 | bron |
| | -50 dBm- | - | | - | | | | | | |
| | -60 dBm- | - | | - | _ | | _ | - | | |
| | -70 dBm- | | | | | | | | = | 1.11 |
| | Start 2.4 | i GHz | 1 | | 1001 pt | :s | | 1 | Stop 2 | .4835 GHz |
| | | 1997 - 19 | | 1 | value | Functi | in 1 | Fund | tion Result | |
| | Marker | Dofl Two l | V unlug | | value | Functi | un | | cion Result | |
| | Type I M1 | Ref Trc | X-value 2.401837 GF | łz | 2.61 dBm | | | | | |
| | Type | | | łz | | | | | | |
| | Type I M1 | 1 | 2.401837 GH | łz | 2.61 dBm |] | | a | | 8 |
| | Type I M1 | 1 | 2.401837 GH | łz | 2.61 dBm | j | | a | | 8 |
| | Type I M1 | 1 | 2.401837 GH | łz | 2.61 dBm |] | | cii | | 0 |
| | Type I M1 | 1 | 2.401837 GH | łz | 2.61 dBm | J | | - | | 8 |
| | Type I M1 | 1 | 2.401837 GH | łz | 2.61 dBm | | | - | ()))) V | 8 |
| | Type I M1 | 1 | 2.401837 GH | łz | 2.61 dBm | j | | - | | 8 |
| | Type I M1 | 1 | 2.401837 GH | łz | 2.61 dBm |] | | - | | 8 |
| | Type I M1 | 1 | 2.401837 GH | łz | 2.61 dBm | J | | | | 8 |
| | Type I M1 | 1 | 2.401837 GH | łz | 2.61 dBm | j | | | ()))) v | 8 |
| | Type I M1 | 1 | 2.401837 GH | łz | 2.61 dBm | j | | | | 9 |
| | Type I M1 | 1 | 2.401837 GH | łz | 2.61 dBm | j | | - | | 9 |
| | Type I M1 | 1 | 2.401837 GH | łz | 2.61 dBm | | | - | | 9 |
| | Type I M1 | 1 | 2.401837 GH | łz | 2.61 dBm | | | | | 9 |
| | Type I M1 | 1 | 2.401837 GH | łz | 2.61 dBm | | | | | 9 |
| | Type I M1 | 1 | 2.401837 GH | łz | 2.61 dBm | | | | | 9 |
| | Type I M1 | 1 | 2.401837 GH | łz | 2.61 dBm | | | | | 9 |
| | Type I M1 | 1 | 2.401837 GH | łz | 2.61 dBm | | | | | 9 |
| | Type I M1 | 1 | 2.401837 GH | łz | 2.61 dBm | | | | | 9 |

NTEK 北测[®]



| 8.6 BANDE | DGE | | | | | | |
|-----------|-------|-----------|---------|------------|-----------|-------|---------|
| Condition | Mode | Frequency | Antenna | Hopping | Max Value | Limit | Verdict |
| | | (MHz) | | Mode | (dBc) | (dBc) | |
| NVNT | 1-DH5 | 2402 | Ant 1 | No-Hopping | -41.07 | -20 | Pass |
| NVNT | 1-DH5 | 2402 | Ant 1 | Hopping | -44.26 | -20 | Pass |
| NVNT | 1-DH5 | 2480 | Ant 1 | No-Hopping | -43.75 | -20 | Pass |
| NVNT | 1-DH5 | 2480 | Ant 1 | Hopping | -44.6 | -20 | Pass |
| NVNT | 2-DH5 | 2402 | Ant 1 | No-Hopping | -39.24 | -20 | Pass |
| NVNT | 2-DH5 | 2402 | Ant 1 | Hopping | -41.91 | -20 | Pass |
| NVNT | 2-DH5 | 2480 | Ant 1 | No-Hopping | -43.34 | -20 | Pass |
| NVNT | 2-DH5 | 2480 | Ant 1 | Hopping | -44.05 | -20 | Pass |
| NVNT | 3-DH5 | 2402 | Ant 1 | No-Hopping | -41.07 | -20 | Pass |
| NVNT | 3-DH5 | 2402 | Ant 1 | Hopping | -41.85 | -20 | Pass |
| NVNT | 3-DH5 | 2480 | Ant 1 | No-Hopping | -42.34 | -20 | Pass |
| NVNT | 3-DH5 | 2480 | Ant 1 | Hopping | -43.49 | -20 | Pass |







| SGL Count 1Pk Max | 100/100 | | | | | | | | | |
|--|---|----------------|-------------------|--|-----------------------|-----------------------|-----------------|---------------|-------------------------|------------|
| 20 dBm | | | | 1 | M1 | [1] | | 2.40 | 0,45 c 215000 | |
| 10 dBm | | | - | | M2 | [1] | | | -46.58 c | IBm |
| 0 dBm | | | | | | | | 2.40 | M | |
| -10 dBm- | | | | 1 | | 1.000 | | | 1.1 | |
| - | D1 -19,580 | dBm- | | 1. | | | 1 | | | |
| -30 dBm | | | - | | | | _ | | | |
| | | | M4 | | | 1.1 | 1 | MB | 140 | |
| -50 dBm- | internet har without | monorthinguild | nath contraction | monthematic | Monthistraticity with | un partitation of the | madentalization | worth Menuter | ANNIMAR | home |
| -60 dBm | | | | · · · · · · · · · · · · · · · · · · · | | | 1 | | | |
| -70 dBm | | | | | | 1 | 1 | | 1 | |
| Start 2.30 Marker | 6 GHz | | | 1001 | pts | | <u> </u> | Stop | 2.406 G | Hz |
| Type Re | ef Trc | X-value | e | Y-value 0.45 dBi | Functi | ion | Fun | ction Resu | lt | _ |
| M1 M2 M3 | 1 | 2 | 2.4 GHz 39 GHz | -46.58 dBi -45.09 dBi | m | | _ | | | |
| | | | | -40.66 dBi | | | | | | |
| M4 | 1 | 2,34 | 08 GHz | -40.00 08 | 1 | _ | - | | - | |
| M4 Spectrur Ref Level Att | and Edg | ge(Hop | oing) N | IVNT 1-D RBW 100 kHz VBW 300 kHz | H5 2402 Mode Aut | to FFT | Ant1 Ho | pping F | | |
| M4 Spectrur Ref Level Att SGL Count 1Pk Max | and Edg | ge(Hop | oing) N | IVNT 1-D RBW 100 kHz | H5 2402 | to FFT | Ant1 Ho | | Ref 3.93 (498100 | dBm |
| M4 Spectrur Ref Level Att SGL Count IPk Max 20 dBm- | and Edg | ge(Hop | oing) N | IVNT 1-D RBW 100 kHz | H5 2402 Mode Aut | to FFT | Ant1 Ho | | 3,93 0 | dBm |
| M4 Spectrur Ref Level Att SGL Count 1Pk Max | and Edg | ge(Hop | oing) N | IVNT 1-D RBW 100 kHz | H5 2402 Mode Aut | to FFT | Ant1 Ho | 2.40 M1 | 3,93 0 | dBm |
| M4 Spectrur Ref Level Att SGL Count IPk Max 20 dBm- | and Edg | ge(Hop | oing) N | IVNT 1-D RBW 100 kHz | H5 2402 Mode Aut | to FFT | Ant1 Ho | 2,40 | 3,93 0 | dBm |
| M4 Spectrur Ref Level Att SGL Count SGL Count 1Pk Max 20 dBm- 10 dBm- | and Edg | ge(Hop | oing) N | IVNT 1-D RBW 100 kHz | H5 2402 Mode Aut | to FFT | Ant1 Ho | 2.40 M1 | 3,93 0 | dBm |
| M4 Spectrur Ref Level Att SGL Count SGL Count IPk Max 20 dBm- 10 dBm- 0 dBm- -10 dBm- | and Edg | ge(Hop | oing) N | IVNT 1-D RBW 100 kHz | H5 2402 Mode Aut | to FFT | Ant1 Ho | 2.40 M1 | 3,93 0 | dBm |
| M4 Spectrur Ref Level Att SGL Count SGL Count IPk Max 20 dBm 10 dBm -10 dBm -10 dBm -20 dBm | and Edg | ge(Hop | oing) N | IVNT 1-D RBW 100 kHz | H5 2402 Mode Aut | to FFT | Ant1 Ho | 2.40 M1 | 3,93 0 | dBm |
| M4 Spectrur Ref Level Att SGL Count SGL Count I Pk Max 20 dBm- 10 dBm- 0 dBm- -10 dBm- | and Edg | ge(Hop | oing) N | IVNT 1-D RBW 100 kHz | H5 2402 Mode Aut | to FFT | Ant1 Ho | 2.40 M1 | 3,93 0 | dBm |
| M4 Spectrur Ref Level Att SGL Count SGL Count IPk Max 20 dBm 10 dBm -10 dBm -10 dBm -20 dBm | and Edg | ge(Hop | oing) N | IVNT 1-D RBW 100 kHz | H5 2402 Mode Aut | to FFT | Ant1 Ho | 2.40 M1 | 3,93 0 | dBm |
| M4 Spectrur Ref Level Att SGL Count SGL Count 10 dBm 10 dBm 10 dBm -10 dBm -20 dBm -30 dBm | and Edg | ge(Hop | oing) N | IVNT 1-D RBW 100 kHz | H5 2402 Mode Aut | to FFT | Ant1 Ho | 2.40 M1 | 3,93 0 | dBm |
| M4 Spectrur Ref Level Att SGL Count SGL Count O dBm 10 dBm 10 dBm -10 dBm -20 dBm -30 dBm -40 dBm | and Edg | ge(Hop | oing) N | IVNT 1-D RBW 100 kHz | H5 2402 Mode Aut | to FFT | Ant1 Ho | 2.40 M1 | 3,93 0 | dBm |
| M4 Spectrur Ref Level Att SGL Count ISGL Count ID dBm ID dBm D dBm -10 dBm -20 dBm -30 dBm -30 dBm -50 dBm -60 dBm | and Edg | ge(Hop | oing) N | IVNT 1-D RBW 100 kHz | H5 2402 Mode Aut | to FFT | Ant1 Ho | 2.40 M1 | 3,93 0 | dBm |
| M4 Spectrur Ref Level Att SGL Count 10 dBm 10 dBm -10 dBm -20 dBm -30 dBm -30 dBm -30 dBm -50 dBm | and Edg 1 27.62 dBm 40 dB 1000/8000 | ge(Hop | oing) N | IVNT 1-D RBW 100 kHz | H5 2402 | to FFT | Ant1 Ho | 2.40 | 3,93 0 | iBm GHz |
| M4 Spectrur Ref Level Att SGL Count • 1Pk Max 20 dBm- 10 dBm- -10 dBm- -20 dBm- -30 dBm- -40 dBm- -50 dBm- -50 dBm- -70 dBm- | and Edg 1 27.62 dBm 40 dB 1000/8000 | ge(Hop | oing) N | IVNT 1-D | H5 2402 | to FFT | Ant1 Ho | 2.40 | 3.93 (| iBm GHz |
| M4 Spectrur Ref Level Att SGL Count • 1Pk Max 20 dBm- 10 dBm- -10 dBm- -20 dBm- -30 dBm- -40 dBm- -50 dBm- -50 dBm- -70 dBm- | and Edg 1 27.62 dBm 40 dB 1000/8000 | ge(Hop | oing) N | IVNT 1-D | H5 2402 | to FFT | Ant1 Ho | 2.40 | 3.93 c 498100 | iBm GHz |





| • 1Pk Max | 1 | | | í – | M | 1[1] | | _ | 3.55 dBm |
|--|---------------------|----------|-------------------|------------------------|--|---------|--|------------|---|
| 20 dBm | | | | | | | | | 515000 GHz |
| 10 dBm | - | | | - | M | 2[1] | | | -44.54 dBm 000000 GH/P |
| 0 dBm | | | - | - | | | | - | LIN I |
| -10 dBm | | | | - | | | | | <u> </u> |
| -20 dBm-01 | -16.067 d | Bm | | | - | | | - | |
| -30 dBm | - | | M4 | | | | - | | |
| -40 dBm | material which does | with the | - | man handling | | hannala | amonthe Lineau | M3 | Ma |
| -50 dBm | | | | | | | and the second | | ch |
| -60 dBm | | | | | - | | 1 | | |
| -70 dBm Start 2.306 G | | | | 1001 | nte | | | Stop | 2.406 GHz |
| Marker | | | | | | 1-6- | | 10.0 | |
| Type Ref M1 | 1 | | 15 GHz | Y-value 3.55 de | | tion | Fun | tion Resul | t |
| M2 M3 | 1 | | 2.4 GHz 87 GHz | -44.54 dB -45.60 dB | the second s | | | | |
| M4 | 1 | 2.33 | 98 GHz | -40.34 dE | šm | 1 | | | |
| | | | | | | | | | |
| Spectrum Ref Level 27 Att SGL Count 100 P1Pk Max | 60 dBm 40 dB | Offset 7 | .60 dB 👞 R | DH5 244 | | | o-Hoppin | ng Ref | V |
| Spectrum Ref Level 27 Att SGL Count 10 | 60 dBm 40 dB | Offset 7 | .60 dB 👞 R | BW 100 kHz | : Mode A | | p-Hoppin | | 0,80 dBm 015180 GH2 |
| Spectrum Ref Level 27 Att SGL Count 100 1Pk Max | 60 dBm 40 dB | Offset 7 | .60 dB 👞 R | BW 100 kHz | : Mode A | uto FFT | p-Hoppin | | 0,80 dBm |
| Spectrum Ref Level 27 Att SGL Count 100 1Pk Max 20 dBm- 10 dBm- | 60 dBm 40 dB | Offset 7 | .60 dB 👞 R | BW 100 kHz | : Mode A | uto FFT | p-Hoppin | | 0,80 dBm |
| Spectrum Ref Level 27 Att SGL Count 100 1Pk Max 20 dBm | 60 dBm 40 dB | Offset 7 | .60 dB 👞 R | BW 100 kHz | Mode A | uto FFT | p-Hoppin | | 0,80 dBm |
| Spectrum Ref Level 27 Att SGL Count 100 1Pk Max 20 dBm- 10 dBm- | 60 dBm 40 dB | Offset 7 | .60 dB 👞 R | BW 100 kHz | Mode A | uto FFT | | | 0,80 dBm |
| Spectrum Ref Level 27 Att SGL Count 100 1Pk Max 20 dBm 10 dBm 0 dBm | 60 dBm 40 dB | Offset 7 | .60 dB 👞 R | BW 100 kHz | Mode A | uto FFT | p-Hoppin | | 0,80 dBm |
| Spectrum Ref Level 27 Att SGL Count 100 1Pk Max 20 dBm- 10 dBm- -10 dBm- -20 dBm- | 60 dBm 40 dB | Offset 7 | .60 dB 👞 R | BW 100 kHz | Mode A | uto FFT | | | 0,80 dBm |
| Spectrum Ref Level 27 Att SGL Count 100 IPk Max 20 dBm 10 dBm -10 dBm -20 dBm -30 dBm | 60 dBm 40 dB | Offset 7 | .60 dB 👞 R | BW 100 kHz | Mode A | uto FFT | | | 0,80 dBm |
| Spectrum Ref Level 27 Att SGL Count 100 1Pk Max 20 dBm 10 dBm -10 dBm -20 dBm -30 dBm -40 dBm | 60 dBm 40 dB | Offset 7 | .60 dB 👞 R | BW 100 kHz | Mode A | uto FFT | | 2.48 | 0,80 dBm 015180 GHz |
| Spectrum Ref Level 27 Att SGL Count 100 IPk Max 20 dBm 10 dBm -10 dBm -20 dBm -30 dBm | 60 dBm 40 dB | Offset 7 | .60 dB 👞 R | BW 100 kHz | Mode A | uto FFT | | | 0,80 dBm |
| Spectrum Ref Level 27 Att SGL Count 100 • 1Pk Max 20 dBm 10 dBm -10 dBm -20 dBm -20 dBm -30 dBm -30 dBm | 60 dBm 40 dB | Offset 7 | .60 dB 👞 R | BW 100 kHz | Mode A | uto FFT | | 2.48 | 0,80 dBm 015180 GHz |
| Spectrum Ref Level 27 Att SGL Count 100 IPk Max 20 dBm 10 dBm -10 dBm -20 dBm -20 dBm -40 dBm | 60 dBm 40 dB | Offset 7 | .60 dB 👞 R | BW 100 kHz | Mode A | uto FFT | | 2.48 | 0,80 dBm 015180 GHz |
| Spectrum Ref Level 27 Att SGL Count 100 PIPk Max 20 dBm 10 dBm -10 dBm -20 dBm -30 dBm -30 dBm -50 dBm -60 dBm -70 dBm | 60 dBm 40 dB | Offset 7 | .60 dB 👞 R | | Mode A | uto FFT | | 2.48 | 0,80 dBm 115180 GHz |
| Spectrum Ref Level 27 Att SGL Count 100 • 1Pk Max 20 dBm 10 dBm -10 dBm -10 dBm -20 dBm -30 dBm -30 dBm -50 dBm -60 dBm | 60 dBm 40 dB | Offset 7 | .60 dB 👞 R | BW 100 kHz | Mode A | uto FFT | | 2.48 | 0,80 dBm 015180 GHz |
| Spectrum Ref Level 27 Att SGL Count 100 10 HK Max 20 dBm 10 dBm -10 dBm -20 dBm -30 dBm -30 dBm -50 dBm -60 dBm -70 dBm | 60 dBm 40 dB | Offset 7 | .60 dB 👞 R | | Mode A | uto FFT | | 2.48 | 0,80 dBm 115180 GHz |





| SGL Count 100/ 1Pk Max | | | 1 1 | | | | | |
|---|------------------|------------------|--|------------------|---------------|----------------|---------------------------|--------------------------|
| 20 dBm | | | | M | 1[1] | | 2.480 | 0.58 dBm 15000 GHz |
| 10 dBm | | | | M | 2[1] | | | -45.30 dBm 350000 GHz |
| M1 0 dBm | | | | | | _ | 1 | |
| -10 dBm | | 1 | | - 11 | 1 | 1 | 1 | li eta il |
| | 19.198 dBm | | | | | | | |
| | 13,130 000 | | | | | | | |
| -30 cBm | M4 | | | | 1 | | 1.2 | |
| want Untrustation | Mondepartmention | dalaw Whene | desert in Spain Any | Whenmerthale | renduludorgad | neurophieroste | required to Reperturbalia | and an and a second |
| -50 dBm- | | | | | | | | |
| -60 dBm | | - | | | | | 1 | 1 |
| -70 dBm Start 2.476 GH: | 2 | | 1001 | ots | | | Stop | 2.576 GHz |
| Marker | al W value | . T | | | No. 1 | | | |
| Type Ref Tr M1 | 1 2.480 | 15 GHz | Y-value 0,58 dBm | | aion | Fur | nction Result | |
| M2 M3 | 1 2 | 35 GHz .5 GHz | -45.30 dBm -44.99 dBm | 1 | | | | |
| | 1 0 101 | 18 GHz | -42.96 dBm | 1 | | | | |
| M4 | 1 2.49: | 10.0112 | | | 7 | | | 11 |
| Band Spectrum Ref Level 27.60 | Edge(Hopp | oing) N | VNT 1-DP RBW 100 kHz VBW 300 kHz | H5 248 Mode A | uto FFT | Ant1 Ho | opping R | ef |
| Band Spectrum Ref Level 27.60 Att SGL Count 8009 | Edge(Hopp | oing) N | RBW 100 kHz | H5 248 Mode A | | Ant1 Ho | | |
| Band Spectrum Ref Level 27.60 Att SGL Count 8009 1Pk Max | Edge(Hopp | oing) N | RBW 100 kHz | H5 248 Mode A | uto FFT | Ant1 Ho | | 2.83 dBm |
| Band Spectrum Ref Level 27.60 Att SGL Count 8009 1Pk Max 20 dBm 10 dBm | Edge(Hopp | oing) N | RBW 100 kHz | H5 248 Mode A | uto FFT | Ant1 Ho | | 2.83 dBm |
| Band Spectrum Ref Level 27.60 Att SGL Count 8009 1Pk Max 20 dBm 10 dBm | Edge(Hopp | oing) N | RBW 100 kHz | H5 248 Mode A | uto FFT | Ant1 Ho | | 2.83 dBm |
| Band Spectrum Ref Level 27.6/ Att SGL Count 8009 1Pk Max 20 dBm 10 dBm | Edge(Hopp | oing) N | RBW 100 kHz | H5 248 Mode A | uto FFT | Ant1 Ho | | 2.83 dBm |
| Band Spectrum Ref Level 27.64 Att SGL Count 8009 1Pk Max 20 dBm 10 dBm 10 dBm -10 dBm | Edge(Hopp | oing) N | RBW 100 kHz | H5 248 Mode A | uto FFT | Ant1 Ho | | 2.83 dBm |
| Band Spectrum Ref Level 27.60 Att SGL Count 8009 1Pk Max 20 dBm 10 dBm 10 dBm -10 dBm -20 dBm | Edge(Hopp | oing) N | RBW 100 kHz | H5 248 Mode A | uto FFT | Ant1 Ho | | 2.83 dBm |
| Band Spectrum Ref Level 27.64 Att SGL Count 8009 1Pk Max 20 dBm 10 dBm 10 dBm -10 dBm | Edge(Hopp | oing) N | RBW 100 kHz | H5 248 Mode A | uto FFT | Ant1 Ho | | 2.83 dBm |
| Band Spectrum Ref Level 27.60 Att SGL Count 8009 1Pk Max 20 dBm 10 dBm 10 dBm -10 dBm -20 dBm | Edge(Hopp | oing) N | RBW 100 kHz | H5 248 Mode A | uto FFT | Ant1 Ho | | 2.83 dBm |
| Band Spectrum Ref Level 27.60 Att SGL Count 8009 1Pk Max 20 dBm 10 dBm 10 dBm -10 dBm -20 dBm -30 dBm | Edge(Hopp | oing) N | RBW 100 kHz | H5 248 Mode A | uto FFT | Ant1 Ho | | 2.83 dBm |
| Band Spectrum Ref Level 27.60 Att SGL Count 8009 1Pk Max 20 dBm 10 dBm 10 dBm -10 dBm -20 dBm -30 dBm -30 dBm -50 dBm | Edge(Hopp | oing) N | RBW 100 kHz | H5 248 Mode A | uto FFT | Ant1 Ho | | 2.83 dBm |
| Band Spectrum Ref Level 27.60 Att SGL Count 8009 1Pk Max 20 dBm 10 dBm 10 dBm -10 dBm -20 dBm -30 dBm -40 dBm | Edge(Hopp | oing) N | RBW 100 kHz | H5 248 Mode A | uto FFT | Ant1 Ho | | 2.83 dBm |
| Band Spectrum Ref Level 27.60 Att SGL Count 8009 1Pk Max 20 dBm 10 dBm 10 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -70 dBm | Edge(Hopp | oing) N | RBW 100 kHz YBW 300 kHz | H5 248 | uto FFT | Ant1 Ho | 2.470 | 2.83 dBm 514790 GHz |
| Band Spectrum Ref Level 27.61 Att SGL Count 8009 10 dBm 10 dBm 10 dBm -10 dBm -20 dBm -30 dBm -30 dBm -50 dBm -60 dBm | Edge(Hopp | oing) N | RBW 100 kHz | H5 248 | uto FFT | Ant1 Ho | 2.470 | 2.83 dBm 514790 GHz |
| Band Spectrum Ref Level 27.64 Att SGL Count 8009 IPK Max 20 dBm 10 dBm 10 dBm -10 dBm -20 dBm -30 dBm -30 dBm -50 dBm -50 dBm -50 dBm | Edge(Hopp | oing) N | RBW 100 kHz YBW 300 kHz | H5 248 | uto FFT | Ant1 Ho | 2.470 | 2.83 dBm 514790 GHz |
| Band Spectrum Ref Level 27.60 Att SGL Count 8009 IPk Max 20 dBm 10 dBm 10 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm | Edge(Hopp | oing) N | RBW 100 kHz YBW 300 kHz | H5 248 | uto FFT | Ant1 Ho | 2.470 | 2.83 dBm 514790 GHz |





| ● 1Pk Max 20 dBm | | | | 1 1 | M | 1[1] | | 0.47 | 2.74 dBm |
|--|-------------------------------|------------|--------------------|--|--------------------|-----------------|--------------------------|---------------------|--------------------------|
| | | | | | M | 2[1] | | | 505000 GHz -43.47 dBm |
| 10 dBm | | | | | | | £ | 2.48 | 350000 GHz |
| 0 dBm | | | | | 1. 194 | 1 | | | |
| | 01 -17,165 | dBm | | | | | | | |
| -20°08m | | | | · · · · · · | | | | | 1 |
| -30 cBm | | MB | | 1 march | | 1.2 | | | 1 |
| -40 dBm | historicantestation | unorthouse | strath the way | mentlyhavershowned | mintermentally has | machinethypails | erest & morth floren and | - when from all and | Manan |
| -50 dBm | | | | | | | | 1 | |
| -60 dBm | | | | · · · · · · | | | | · · · · · | · 1 |
| -70 dBm Start 2.476 | GHz | | 1 | 1001 | pts | | 1 | Stop | 2.576 GHz |
| Marker Type Ref | Trc | X-valu | ie | Y-value | Funct | ion | Fun | ction Resul | t |
| M1 M2 | 1 | 2.47 | 605 GHz 835 GHz | 2.74 dBr -43.47 dBr | n | | | | |
| M3 | 1 | | 2.5 GHz 2.5 GHz | -41.77 dBr -41.77 dBr | n | | | | |
| M4 | 1 4 | | 2,5 GH2 | -41.77 UDI | art. | 1 | | | - |
| Spectrum Ref Level Att SGL Count | 27.62 dBm 40 dB | Offset 7 | 7.62 dB 🐞 🖡 | -DH5 240 RBW 100 kHz YBW 300 kHz | 13.2 | | o-Hoppi | ng Ref | ₩ |
| Ref Level Att SGL Count 1Pk Max | 27.62 dBm 40 dB | Offset 7 | 7.62 dB 🐞 🖡 | RBW 100 kHz | Mode A | | o-Hoppi | | -1.89 dBm 205590 GHz |
| Ref Level Att SGL Count 1Pk Max 20 dBm | 27.62 dBm 40 dB | Offset 7 | 7.62 dB 🐞 🖡 | RBW 100 kHz | Mode A | uto FFT | o-Hoppi | | -1.89 dBm |
| Ref Level Att SGL Count 1Pk Max | 27.62 dBm 40 dB | Offset 7 | 7.62 dB 🐞 🖡 | RBW 100 kHz | Mode A | uto FFT | | | -1.89 dBm |
| Ref Level Att SGL Count 1Pk Max 20 dBm | 27.62 dBm 40 dB | Offset 7 | 7.62 dB 🐞 🖡 | RBW 100 kHz | Mode A | uto FFT | | | -1.89 dBm |
| Ref Level Att SGL Count IPk Max 20 dBm- 10 dBm- | 27.62 dBm 40 dB | Offset 7 | 7.62 dB 🐞 🖡 | RBW 100 kHz | Mode A | uto FFT | | | -1.89 dBm |
| Ref Level Att SGL Count PIPk Max 20 dBm- 10 dBm- -10 dBm- | 27.62 dBm 40 dB | Offset 7 | 7.62 dB 🐞 🖡 | RBW 100 kHz | Mode A | uto FFT | o-Hoppi | | -1.89 dBm |
| Ref Level Att SGL Count I D dBm D dBm -10 dBm -20 dBm | 27.62 dBm 40 dB | Offset 7 | 7.62 dB 🐞 🖡 | RBW 100 kHz | Mode A | uto FFT | | | -1.89 dBm |
| Ref Level Att SGL Count PIPk Max 20 dBm- 10 dBm- -10 dBm- | 27.62 dBm 40 dB | Offset 7 | 7.62 dB 🐞 🖡 | RBW 100 kHz | Mode A | uto FFT | | | -1.89 dBm |
| Ref Level Att SGL Count I D dBm D dBm -10 dBm -20 dBm | 27.62 dBm 40 dB | Offset 7 | 7.62 dB 🐞 🖡 | RBW 100 kHz | Mode A | uto FFT | p-Hoppin | | -1.89 dBm |
| Ref Level Att SGL Count I D dBm 0 dBm -10 dBm -20 dBm -30 dBm | 27.62 dBm 40 dB | Offset 7 | 7.62 dB 🐞 🖡 | RBW 100 kHz | Mode A | uto FFT | | | -1.89 dBm |
| Ref Level Att SGL Count • 1Pk Max 20 dBm 10 dBm • 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm | 27.62 dBm 40 dB | Offset 7 | 7.62 dB 🐞 🖡 | RBW 100 kHz | Mode A | uto FFT | | | -1.89 dBm |
| Ref Level Att SGL Count • 1Pk Max 20 dBm 10 dBm • 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm | 27.62 dBm 40 dB | Offset 7 | 7.62 dB 🐞 🖡 | RBW 100 kHz | Mode A | uto FFT | | | -1.89 dBm |
| Ref Level Att SGL Count • 1Pk Max 20 dBm 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm | 27.62 dBm 40 dB 100/100 | Offset 7 | 7.62 dB 🐞 🖡 | RBW 100 kHz | Mode Ar | uto FFT | | 2.403 | -1.89 dBm 205590 GHz |
| Ref Level Att SGL Count • 1Pk Max 20 dBm 10 dBm • 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm | 27.62 dBm 40 dB 100/100 | Offset 7 | 7.62 dB 🐞 🖡 | RBW 100 kHz | Mode Ar | uto FFT | | 2.403 | -1.89 dBm 205590 GHz |
| Ref Level Att SGL Count • 1Pk Max 20 dBm 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -30 dBm -50 dBm -50 dBm -70 dBm | 27.62 dBm 40 dB 100/100 | Offset 7 | 7.62 dB 🐞 🖡 | RBW 100 kHz | Mode Ar | uto FFT | | 2.403 | -1.89 dBm 205590 GHz |
| Ref Level Att SGL Count • 1Pk Max 20 dBm 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm | 27.62 dBm 40 dB 100/100 | Offset 7 | 7.62 dB 🐞 🖡 | RBW 100 kHz | Mode Ar | uto FFT | | 2.403 | -1.89 dBm 205590 GHz |





| 20 dBm M1[1] 2-0.05 dBm 10 dBm 2-400 95000 GHz -45.62 dBm 10 dBm 2-400 95000 GHz -45.62 dBm -20 dBm 01 - 21.894 dBm -40 - 40 - 40 - 40 - 40 - 40 - 40 - 40 | SGL Count | 100/100 | | | | | | | | |
|---|--|------------------------------|--|-------------------------------------|------------------|--------------|----------------------------|--------------------|---------------|--------------------------|
| 10 dBm 6.5.2 dBm 0.dbm 2.4000000 CH2 -10 dBm 6.52 dBm -2.000000 CH2 6.52 dBm -30 dBm 6.52 dBm -30 dBm 6.52 dBm -30 dBm 6.52 dBm -30 dBm 6.52 dBm -40 dBm 6.52 dBm -40 dBm 6.52 dBm -40 dBm 6.52 dBm -50 dBm 6.52 dBm -40 dBm 6.52 dBm -50 dBm 6.52 dBm -40 dBm 6.52 dBm -50 dBm 6.52 dBm -70 dBm 7.52 dBm -70 dBm 7.52 dBm -70 dBm 7.52 dBm </th <th></th> <th></th> <th></th> <th></th> <th>1</th> <th>MI</th> <th>[1]</th> <th></th> <th>0.40</th> <th></th> | | | | | 1 | MI | [1] | | 0.40 | |
| 0 dbm -10 dbm -20.dbm -30 dbm -30 dbm -30 dbm -50 dbm -50 dbm -50 dbm -0 dbm | | | | | | M2 | [1] | | | -45.62 dBm |
| -10 dBm -20 dBm -30 dBm -40 dBm -40 dBm -50 dBm -50 dBm -50 dBm -10 | | | | | | | ć | | 2.40 | |
| -20. dBm D1. 21.894 dBm -30. dBm M4 -2.306 GHz 1001 pts Stop 2.406 GHz Maximum M1 1 2.406 GHz M3 1 2.461 dz 2.3486 GHz -45.62 dBm M4 1 2.3486 GHz Spectrum W Spectrum W SQL Count 8000/8000 M1(1) 0 dBm M1(1) 2.4225180 GHz 10 dBm M1 1.224 dBm -30 dBm M1 1.24 dBm -30 dBm M4 1.04 | | | | | 1.1 | | 1 | | [i === 1 | A A |
| -00 dbm -01 | 11 11-11-1 | in the second | | | | | 1 | | 1 | |
| +0 dbm 104 | | -D1 -21.894 | + dBm | | | | | | | |
| +00 dBm -70 dBm | | | | | M4 | | 1-1 | 1 | 140 | |
| +00 dBm -70 dBm | -50 dBm | nickmestheren | alwant frites | un Artubine | man analytic and | manuntulyud | for a second second second | timmetershiphearow | pertingthered | inputional for |
| Stort 2.306 GHz Stop 2.406 GHz Marker Ype Ref Trc X-value Y-value Function Function Result M1 1 2.40195 GHz -0.50 dBm -0.50 dB | 1.000 | | | | · · · · · | | 1 | | 1 | |
| Marker Y-value Y-value Function Function Result M1 1 2.40195 GH2 -0.50 dbm Function Result Function Result M3 1 2.39 GH2 -45.62 dbm Function Result Function Result M4 1 2.3488 GH2 -46.45 dbm Function Result Function Result M4 1 2.3488 GH2 -41.13 dbm Function Result Function Result Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant1 Hopping Ref Spectrum Function Result Function Result Ref Level 27.62 dbm Offset 7.62 db RBW 100 kH2 Mde Auto FFT SGL Count 8000/9000 IPIk Max M1[1] 1.24 dbm 2,40215180 GH2 10 dbm M1[1] 2,40215180 GH2 10 dbm -30 dbm -60 dbm | -70 dBm | | | | | | 1 | | 1 | |
| Type Ref Trc X-value Y-value Function Function Result M1 1 2.4 GHz -0.50 dBm -0.50 dBm <td></td> <td>6 GHz</td> <td></td> <td></td> <td>1001</td> <td>pts</td> <td></td> <td>-</td> <td>Stop</td> <td>2.406 GHz</td> | | 6 GHz | | | 1001 | pts | | - | Stop | 2.406 GHz |
| M2 1 2.4 GHz -45.62 dBm M3 1 2.39 GHz -46.45 dBm M4 1 2.3488 GHz -41.13 dBm Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant1 Hopping Ref Image: Comparison of the set | Type Re | | | | | | ion | Fun | ction Resu | lt [|
| M4 1 2.3488 GHz -41.13 dBm Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant1 Hopping Ref Spectrum Image: Colspan="2">Image: Colspan="2" Image: Colspa="2" Image: Colspan="2" Image: Colspan="2" Image: Colspa= | | | | | -45.62 dBr | n | | | | |
| Spectrum Image: Control of the control of | | | | 30 GHz | | | | | | |
| -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm | M3 M4 Spectrur Ref Level Att SGL Count | 1 1 27.62 dBm 40 dB | 2. 2.34 ge(Hop) offset 7 swr 1 | ping) N | -41.13 dBr | n H5 2402 | | Ant1 Ho | pping F | |
| -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm | M3 M4 Spectrur Ref Level Att SGL Count SGL Count 1Pk Max 20 dBm- 10 dBm- | 1 1 27.62 dBm 40 dB | 2. 2.34 ge(Hop) offset 7 swr 1 | ping) N | -41.13 dBr | Mode Au | ito FF T | Ant1 Ho | | 1.24 dBm |
| -30 dBm | M3 M4 Spectrur Ref Level Att SGL Count SGL Count 1Pk Max 20 dBm- 10 dBm- D dBm- | 1 1 27.62 dBm 40 dB | 2. 2.34 ge(Hop) offset 7 swr 1 | ping) N | -41.13 dBr | Mode Au | ito FF T | Ant1 Ho | 2,40 | 1.24 dBm |
| -40 dBm | M3 M4 Spectrur Ref Level Att SGL Count SGL Count 1Pk Max 20 dBm- 10 dBm- D dBm- | 1 1 27.62 dBm 40 dB | 2. 2.34 ge(Hop) offset 7 swr 1 | ping) N | -41.13 dBr | Mode Au | ito FF T | Ant1 Ho | 2,40 | 1.24 dBm |
| -50 dBm | M3 M4 Spectrur Ref Level Att SGL Count SGL Count 1Pk Max 20 dBm- 10 dBm- 0 dBm- -10 dBm- | 1 1 27.62 dBm 40 dB | 2. 2.34 ge(Hop) offset 7 swr 1 | ping) N | -41.13 dBr | Mode Au | ito FF T | Ant1 Ho | 2,40 | 1.24 dBm |
| -50 dBm | M3 M4 Spectrur Ref Level Att SGL Count 1Pk Max 20 dBm 10 dBm -10 dBm -10 dBm -20 dBm | 1 1 27.62 dBm 40 dB | 2. 2.34 ge(Hop) offset 7 swr 1 | ping) N | -41.13 dBr | Mode Au | ito FF T | Ant1 Ho | 2,40 | 1.24 dBm |
| -60 dBm | M3 M4 Spectrur Ref Level Att SGL Count IPK Max 20 dBm 10 dBm -10 dBm -10 dBm -20 dBm -30 dBm | 1 1 27.62 dBm 40 dB | 2. 2.34 ge(Hop) offset 7 swr 1 | рing) N .62 dB • I 8.9 µs • I | -41.13 dBr | Mode Au | ito FF T | Ant1 Ho | 2,40 | 1.24 dBm |
| | M3 M4 Spectrur Ref Level Att SGL Count 1Pk Max 20 dBm 10 dBm -10 dBm -20 dBm -30 dBm -40 dBm | 1 1 27.62 dBm 40 dB | 2. 2.34 ge(Hop) offset 7 swr 1 | рing) N .62 dB • I 8.9 µs • I | -41.13 dBr | Mode Au | ito FF T | Ant1 Ho | 2,40 | 1.24 dBm |
| -70 dBm | M3 M4 M4 Spectrur Ref Level Att SGL Count 10 110 dBm 10 10 dBm -10 -10 dBm -20 dBm -30 dBm -30 dBm -50 dBm -50 dBm | 1 1 27.62 dBm 40 dB | 2. 2.34 ge(Hop) offset 7 swr 1 | рing) N .62 dB • I 8.9 µs • I | -41.13 dBr | Mode Au | ito FF T | Ant1 Ho | 2,40 | 1.24 dBm |
| | M3 M4 M4 Spectrur Ref Level Att SGL Count 10 110 dBm 10 10 dBm -10 -10 dBm -20 dBm -30 dBm -30 dBm -50 dBm -50 dBm | 1 1 27.62 dBm 40 dB | 2. 2.34 ge(Hop) offset 7 swr 1 | рing) N .62 dB • I 8.9 µs • I | -41.13 dBr | Mode Au | ito FF T | Ant1 Ho | 2,40 | 1.24 dBm |
| CF 2.402 GHz 1001 pts Span 8.0 MHz | M3 M4 Spectrur Ref Level Att SGL Count • 1Pk Max 20 dBm • 1Pk Max 20 dBm • 1D dBm - 1D dBm - 20 dBm - 30 dBm - 30 dBm - 50 dBm - 60 dBm | and Edg | 2. 2.34 ge(Hop) offset 7 swr 1 | рing) N .62 dB • I 8.9 µs • I | -41:13 dBr | Mode Au | ito FF T | Ant1 Ho | 2.40 | 1.24 dBm 12115180 GHz |
| 2 d d d d d d d d d d d d d d d d d d d | M3 M4 Spectrur Ref Level Att SGL Count 1Pk Max 20 dBm | 1 1 27.62 dBm 40 dB | 2. 2.34 ge(Hop) offset 7 swr 1 | ping) N | -41.13 dBr | Mode Au | ito FF T | Ant1 Ho | 2,40 | [₩ ▼ 1.24 dBm |





| SGL Count 10 9 1Pk Max | 00/1000 | Cardin 11 | | VBW 300 kHz | | | | |
|--|---------------------------|-------------------|---|---|--------------------|------------|--------------------|--------------------------|
| 20 dBm- | | | | | M1[1] | | 2 40 | -3.31 dBm 485000 GHz |
| 10 dBm | | | - | | M2[1] | | | -43.58 dBm 100000 GHz |
| 0 dBm | | | | | | | 2.70 | Mi |
| -10 dBm | | - | | | | | 1 | patrily |
| | -18.759 | dBm==== | | | | | | |
| -30 dBm | | | | | | | 1 | |
| -40 dBm | | Alterna | Judunter | M4 | | | MB | M2 |
| -50 dBm | (the work the | philippine person | ulaulaut ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | and a sugar short | hinteren manualise | Municipant | how the plana when | and perfect |
| -60 dBm | | | | | | | | |
| -70 dBm | | | | | | | | |
| Start 2.306 G Marker | iHz | - | | 1001 pt | s | | Stop | 2.406 GHz |
| Type Ref M1 M2 | 1 | 3 | 485 GHz 2.4 GHz | Y-value -3.31 dBm -43.58 dBm | Function | Fui | nction Result | t l |
| M3 M4 | 1 | | .39 GHz 487 GHz | -43.94 dBm -40.67 dBm | | | | |
| | | | | | | | | 10 |
| Spectrum Ref Level 27 Att SGL Count 10 1Pk Max | .60 dBm 40 dB | Offset 7 | 7.60 dB 🐞 | -DH5 2480 RBW 100 kHz YBW 300 kHz | Mode Auto FF | | ing Ref | ▼ |
| Spectrum Ref Level 27 Att SGL Count 10 | .60 dBm 40 dB | Offset 7 | 7.60 dB 🐞 | RBW 100 kHz | à | | | -0.01 dBm 284020 GHz |
| Spectrum Ref Level 27 Att SGL Count 10 1Pk Max | .60 dBm 40 dB | Offset 7 | 7.60 dB 🐞 | RBW 100 kHz | Mode Auto FF | | | -0.01 dBm |
| Spectrum Ref Level 27 Att SGL Count 10 1Pk Max 20 dBm | .60 dBm 40 dB | Offset 7 | 7.60 dB 🐞 | RBW 100 kHz | Mode Auto FF | | | -0.01 dBm |
| Spectrum Ref Level 27 Att SGL Count 10 1Pk Max 20 dBm 10 dBm 0 dBm | .60 dBm 40 dB | Offset 7 | 7.60 dB 🐞 | RBW 100 kHz YBW 300 kHz | Mode Auto FF | | | -0.01 dBm |
| Spectrum Ref Level 27 Att SGL Count 10 1Pk Max 20 dBm 10 dBm -10 dBm | .60 dBm 40 dB | Offset 7 | 7.60 dB 🐞 | RBW 100 kHz YBW 300 kHz | Mode Auto FF | | | -0.01 dBm |
| Spectrum Ref Level 27 Att SGL Count 10 1Pk Max 20 dBm 10 dBm | .60 dBm 40 dB | Offset 7 | 7.60 dB 🐞 | RBW 100 kHz YBW 300 kHz | Mode Auto FF | | | -0.01 dBm |
| Spectrum Ref Level 27 Att SGL Count 10 1Pk Max 20 dBm 10 dBm -10 dBm | .60 dBm 40 dB | Offset 7 | 7.60 dB 🐞 | RBW 100 kHz YBW 300 kHz | Mode Auto FF | | | -0.01 dBm |
| Spectrum Ref Level 27 Att SGL Count 10 1Pk Max 20 dBm 10 dBm -10 dBm -20 dBm | .60 dBm 40 dB | Offset 7 | 7.60 dB 🐞 | RBW 100 kHz YBW 300 kHz | Mode Auto FF | | | -0.01 dBm |
| Spectrum Ref Level 27 Att SGL Count 10 1Pk Max 20 dBm 10 dBm -10 dBm -20 dBm -20 dBm -20 dBm -30 dBm | .60 dBm 40 dB | Offset 7 | 7.60 dB 🐞 | RBW 100 kHz YBW 300 kHz | Mode Auto FF | | | -0.01 dBm |
| Spectrum Ref Level 27 Att SGL Count 10 • 1Pk Max 20 dBm 10 dBm -10 dBm -20 dBm -30 dBm -30 dBm -30 dBm | .60 dBm 40 dB 0/100 | Offset 7 | 7,60 dB | RBW 100 kHz YBW 300 kHz | Mode Auto FF | | | -0.01 dBm |
| Spectrum Ref Level 27 Att SGL Count 10 • 1Pk Max 20 dBm 10 dBm -10 dBm -20 dBm -20 dBm -40 dBm | .60 dBm 40 dB 0/100 | Offset 7 | 7,60 dB | RBW 100 kHz YBW 300 kHz | Mode Auto FF | | | -0.01 dBm |
| Spectrum Ref Level 27 Att SGL Count 10 1Pk Max 20 dBm 10 dBm -10 dBm -20 dBm -20 dBm -30 dBm -40 dBm -50 dBm -50 dBm -70 dBm | .60 dBm 40 dB 0/100 | Offset 7 | 7,60 dB | RBW 100 kHz YBW 300 kHz | Mode Auto FF | | 2.479 | -0.01 dBm |
| Spectrum Ref Level 27 Att SGL Count 10 • 1Pk Max 20 dBm 10 dBm -10 dBm -20 dBm -30 dBm -30 dBm -50 dBm -60 dBm | .60 dBm 40 dB 0/100 | Offset 7 | 7,60 dB | RBW 100 kHz YBW 300 kHz | Mode Auto FF | | 2.479 | -0.01 dBm |
| Spectrum Ref Level 27 Att SGL Count 10 • 1Pk Max 20 dBm 10 dBm -10 dBm -20 dBm -20 dBm -30 dBm -40 dBm -50 dBm -50 dBm -70 dBm | .60 dBm 40 dB 0/100 | Offset 7 | 7,60 dB | RBW 100 kHz YBW 300 kHz | Mode Auto FF | | 2.479 | -0.01 dBm |
| Spectrum Ref Level 27 Att SGL Count 10 • 1Pk Max 20 dBm 10 dBm -10 dBm -20 dBm -20 dBm -30 dBm -40 dBm -50 dBm -50 dBm -70 dBm | .60 dBm 40 dB 0/100 | Offset 7 | 7,60 dB | RBW 100 kHz YBW 300 kHz | Mode Auto FF | | 2.479 | -0.01 dBm |





| SGL Count 1 9 1Pk Max | | | | 7 7 | | | | | |
|---|---|-------------------|-------------------|---|------------------|--------------|----------|---------------------|-------------------------|
| 20 dBm | | | | | M | 1[1] | | 2.479 | 0.27 dBm 95000 GHz |
| 10 dBm | | | 1 | | M | 2[1] | | | -44.98 dBm 50000 GHz |
| 0 dem | | | | | | | 1 | | |
| -10 cBm | | | 1 | | | 1 | | 11 | 1 1 |
| | 1 -20,007 | dBm | | | | | | | |
| -30 dBm | IT SECTORY | abin | | | | | | 1 | |
| | M4 | | | | - | 11 | | 11 | |
| -50 dBm | Indulying | hillin Mitseundal | and on the second | Muniperinterinde | numuruhand | Manadatariat | www.when | and when the second | Munnampur |
| | | | 1 | | - | | 1 | | |
| -60 dBm | | | 5 | 1 | | | | 1 | h |
| -70 dBm Start 2.476 | GHz | | 1 | 1001 | pts | | 1 | Stop | 2.576 GHz |
| Marker Type Ref | Tre | X-value | | Y-value | Fund | tion | Fund | tion Resul | |
| M1 | 1 | 2.479 | 95 GHz | 0.27 dBr | n | | run | cion Resul | |
| M2 M3 | 1 | | 35 GHz 2.5 GHz | -44.98 dBr -46.32 dBr | m | | | | |
| | | | | | | | | | |
| M4 | 27.60 dBm 40 dB | ge(Hopp | .60 dB 👜 F | -43.35 dBi VNT 2-D RBW 100 kHz /BW 300 kHz | H5 248 Mode A | uto FFT | Ant1 Ho | oping R | ▼ |
| M4 Spectrum Ref Level 2 Att SGL Count 8 | 27.60 dBm 40 dB | ge(Hopp | Ding) N | VNT 2-D | H5 248 Mode A | | Ant1 Ho | | |
| M4 Spectrum RefLevel 2 Att SGL Count 8 9 1Pk Max 20 dBm | 27.60 dBm 40 dB | ge(Hopp | Ding) N | VNT 2-D | H5 248 Mode A | uto FFT | Ant1 Ho | | 2,37 dBm |
| M4 Spectrum RefLevel 2 Att SGL Count 8 IPk Max 20 dBm 10 dBm | 27.60 dBm 40 dB | ge(Hopp | Ding) N | VNT 2-D | H5 248 Mode A | uto FFT | Ant1 Ho | | 2,37 dBm |
| M4 Spectrum RefLevel 2 Att SGL Count 8 9 1Pk Max 20 dBm | nd Edg 27.60 dBm 40 dB 2000/8000 | ge(Hopp | Ding) N | VNT 2-D | H5 248 Mode A | uto FFT | Ant1 Hop | | 2,37 dBm |
| M4 Spectrum Ref Level 2 Att SGL Count 8 IPk Max 20 dBm 10 dBm | 27.60 dBm 40 dB | ge(Hopp | Ding) N | VNT 2-D | H5 248 Mode A | uto FFT | Ant1 Ho | | 2,37 dBm |
| M4 Spectrum Ref Level 2 Att SGL Count 8 SGL Count 8 ID dBm 1 JU dBm 1 JU dBm | nd Edg 27.60 dBm 40 dB 2000/8000 | ge(Hopp | Ding) N | VNT 2-D | H5 248 Mode A | uto FFT | Ant1 Ho | | 2,37 dBm |
| M4 Spectrum Ref Level 2 Att SGL Count 8 SGL Count 8 SGL Count 8 O DBm 10 dBm 10 dBm 10 dBm 20 dBm 20 dBm | nd Edg 27.60 dBm 40 dB 2000/8000 | ge(Hopp | Ding) N | VNT 2-D | H5 248 Mode A | uto FFT | Ant1 Ho | | 2,37 dBm |
| M4 Spectrum Ref Level 2 Att SGL Count 8 SGL Count 8 ID dBm 1 JU dBm 1 JU dBm | nd Edg 27.60 dBm 40 dB 2000/8000 | ge(Hopp | Ding) N | VNT 2-D | H5 248 Mode A | uto FFT | Ant1 Ho | | 2,37 dBm |
| M4 Spectrum Ref Level 2 Att SGL Count 8 SGL Count 8 SGL Count 8 SGL Count 9 DPk Max 20 dBm 10 dBm 1 -10 dBm -20 dBm | nd Edg 27.60 dBm 40 dB 2000/8000 | ge(Hopp | Ding) N | VNT 2-D | H5 248 Mode A | uto FFT | Ant1 Ho | | 2,37 dBm |
| M4 Spectrum Ref Level 2 Att SGL Count 8 IPk Max 20 dBm 10 dBm 1 -10 dBm -20 dBm -30 dBm | nd Edg 27.60 dBm 40 dB 2000/8000 | ge(Hopp | Ding) N | VNT 2-D | H5 248 Mode A | uto FFT | Ant1 Ho | | 2,37 dBm |
| M4 Spectrum Ref Level 2 Att SGL Count 8 IPk Max 20 dBm 10 dBm 1 0 dBm -10 dBm -20 dBm -30 dBm | nd Edg 27.60 dBm 40 dB 2000/8000 | ge(Hopp | Ding) N | VNT 2-D | H5 248 Mode A | uto FFT | | | 2,37 dBm |
| M4 Spectrum Ref Level 2 Att SGL Count 8 IPk Max 20 dBm 10 dBm 1 -10 dBm -20 dBm -30 dBm | nd Edg 27.60 dBm 40 dB 2000/8000 | ge(Hopp | Ding) N | VNT 2-D | H5 248 Mode A | uto FFT | Ant1 Ho | | 2,37 dBm |
| M4 Spectrum Ref Level 2 Att SGL Count B SGL Count B ID dBm 10 dBm 10 dBm -10 dBm -20 dBm -30 dBm -30 dBm -50 dBm | nd Edg 27.60 dBm 40 dB 2000/8000 | ge(Hopp | Ding) N | | H5 248 | uto FFT | | | 2,37 dBm |
| M4 Spectrum Ref Level 2 Att SGL Count 8 SGL Count 8 ID dBm 10 dBm 10 dBm -10 dBm -20 dBm -30 dBm -30 dBm -50 dBm -60 dBm | nd Edg 27.60 dBm 40 dB 3000/8000 | ge(Hopp | Ding) N | VNT 2-D | H5 248 | uto FFT | | 2.470 | 2,37 dBm 500400 GHz |
| M4 Spectrum Ref Level 2 Att SGL Count 8 ID dBm 10 dBm 10 dBm -10 dBm -20 dBm -30 dBm -50 dBm -50 dBm -70 dBm | nd Edg 27.60 dBm 40 dB 3000/8000 | ge(Hopp | Ding) N | | H5 248 | uto FFT | Ant1 Ho | 2.470 | 2,37 dBm 500400 GHz |
| M4 Spectrum Ref Level 2 Att SGL Count 8 9 1Pk Max 20 dBm 10 dBm 1 10 dBm -10 dBm -20 dBm -30 dBm -50 dBm -50 dBm -70 dBm | nd Edg 27.60 dBm 40 dB 3000/8000 | ge(Hopp | Ding) N | | H5 248 | uto FFT | Ant1 Ho | 2.470 | 2,37 dBm 500400 GHz |





| 1Pk Max 20 dBm 10 dBm 10 dBm 10 dBm | | | | M | 1[1] | | | -3.63 dBm |
|---|------------|--------------------|--------------------------|---|------------|-------|-------------------|-------------------------|
| 10 dBm | | 1 | | | | | | |
| dBm | | | 1.0.0 | M | 2[1] | | | 15000 GHz -43.89 dBm |
| | - | | | | | (| 2.483 | 150000 GHz |
| | | | | | | | 1 | 1 |
| | | | | | - | - | | - |
| -20 cBm 01 -1 | 17.633 dBm | | | | | | - | |
| -30 dBm | M4 | | | | | - | 11 | |
| -40 dBm2 | | which which the | | in many sul | muninipath | mount | phinon matter com | Murununation |
| -50 dBm | | | | | | | | |
| -60 dBm | | | | | | | 1 | |
| -70 dBm Start 2.476 GHz | - | - | 1001 p | += | _ | | Ptop | 2.576 GHz |
| Marker | A | | 1001 p | LS | 1 | | Stop | 2.370 GH2 |
| Type Ref Tro M1 | | e 15.GHz | Y-value -3.63 dBm | Func | tion | Fun | tion Result | |
| | | 335 GHz 2.5 GHz | -43.89 dBm -44.06 dBm | | | | | |
| | | 941 GHz | -41.68 dBm | | | | | |
| | | | | | L. | - | | |
| 20 dBm- | | | | M | 1[1] | | 2.401 | 0,42 dBm 183220 GHz |
| 20 000 | | | | | | | | |
| 10 dBm | | | | | | | | 1 |
| 0 dBm | | | M1 X/w | <u>, </u> | | | | |
| -10 dBm | | | N | Ly | | | · · · · · | |
| -10 0010 | | | | 1 | | | 11 | 12.2.3 |
| -20 dBm | | | | 1 | | | | |
| -30 dBm | _ | | | | | | | |
| 40 dBm | - | | | | | | - | |
| -40 dBm | m | m | n | | mouth | mm | mm | min |
| -50 dBm | | | | | | | | |
| -60 dBm | _ | | | | | | | |
| | | | | | | | | |
| -70 dBm CF 2.402 GHz | | 1 | 1001 p | ts | | - | Spa | n 8.0 MHz |
| | | | | | ľ | | | 8 |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |





| SGL Count 10 | 40 dB 00/100 | SWI | 227.5 µs 🖷 | VBW 300 kHz | 2 Mode Au | ito FFT. | | | |
|--|-------------------------------|-----------|----------------------|--------------------------|-------------|----------|---------------|----------------|--------------------------|
| ●1Pk Max | | | 1 | 1-1 | M1[| [1] | | 0.05 | -0.24 dBm |
| 20 dBm | | | | 1 | M2[| 1] | | | 215000 GHz -47.00 dBm |
| 10 dBm | | 2 | | | | <u> </u> | 1 | 2.40 | 000000 GHz |
| -10 dBm | | | | | | | | 1 | 1 |
| The Party of the Local Division of the Local | 1 -19,582 | dBm | | | | | | | |
| -30 dBm | 1 -15/002 | ubiii | | | | _ | <u> </u> | | |
| -40 dBm | | | | M4 | | 1.00 | 1 | | |
| -50 dBm | manthad | proventhy | In which particulars | abrahaminany | www.mash.um | andthen | ulurany mason | nurry with the | approval by |
| -60 dBm | | | | · | 1.2 | | - | | |
| -70 dBm | | | | | | | | | 1 |
| Start 2.306 (Marker | GHz | | A | 1001 | pts | | | Stop | 2.406 GHz |
| Type Ref | Trc 1 | X-val | IE | Y-value -0.24 dBr | Functio | on | Fun | ction Resu | lt |
| M1 M2 M3 | 1 | | 2.4 GHz 2.39 GHz | -47.00 dBr -46.00 dBr | n | | | | |
| M4 | 1 | | 488 GHz | -40.66 dBr | | | | | |
| | | | | | | | | | |
| Bai Spectrum Ref Level 27 Att SGL Count 80 1Pk Max | 7.62 dBm 40 dB | Offset | 7.62 dB 👜 🖡 | VNT 3-D | 10.2.1 | | Ant1 Ho | pping F | Ref |
| Spectrum Ref Level 27 Att SGL Count 80 | 7.62 dBm 40 dB | Offset | 7.62 dB 👜 🖡 | RBW 100 kHz | 10.2.1 | o FFT | Ant1 Ho | | |
| Spectrum Ref Level 27 Att SGL Count 80 1Pk Max | 7.62 dBm 40 dB | Offset | 7.62 dB 👜 🖡 | RBW 100 kHz | Mode Aut | o FFT | Ant1 Ho | | 0.79 dBm |
| Spectrum Ref Level 27 Att SGL Count 80 1Pk Max 20 dBm | 7.62 dBm 40 dB | Offset | 7.62 dB 👜 🖡 | RBW 100 kHz | Mode Aut | o FFT | Ant1 Ho | | 0.79 dBm 514890 GH2 |
| Spectrum Ref Level 2: Att SGL Count 80 1Pk Max 20 dBm 10 dBm 0 dBm | 7.62 dBm 40 dB | Offset | 7.62 dB 👜 🖡 | RBW 100 kHz | Mode Aut | o FFT | Ant1 Ho | 2.40 | 0.79 dBm 514890 GH2 |
| Spectrum Ref Level 2: Att SGL Count 80 1Pk Max 20 dBm 10 dBm | 7.62 dBm 40 dB | Offset | 7.62 dB 👜 🖡 | RBW 100 kHz | Mode Aut | o FFT | Ant1 Ho | 2.40 | 0.79 dBm 514890 GH2 |
| Spectrum Ref Level 2: Att SGL Count 80 1Pk Max 20 dBm 10 dBm 0 dBm | 7.62 dBm 40 dB | Offset | 7.62 dB 👜 🖡 | RBW 100 kHz | Mode Aut | o FFT | Ant1 Ho | 2.40 | 0.79 dBm 514890 GH2 |
| Spectrum Ref Level 2: Att SGL Count 80 1Pk Max 20 dBm 10 dBm -10 dBm | 7.62 dBm 40 dB | Offset | 7.62 dB 👜 🖡 | RBW 100 kHz | Mode Aut | o FFT | Ant1 Ho | 2.40 | 0.79 dBm 514890 GH2 |
| Spectrum Ref Level 2: Att SGL Count 80 1Pk Max 20 dBm 10 dBm -10 dBm -20 dBm | 7.62 dBm 40 dB | Offset | 7.62 dB 👜 🖡 | RBW 100 kHz | Mode Aut | o FFT | Ant1 Ho | 2.40 | 0.79 dBm 514890 GH2 |
| Spectrum Ref Level 2: Att SGL Count 80 1Pk Max 20 dBm 10 dBm -10 dBm -20 dBm -20 dBm -40 dBm | 7.62 dBm 40 dB | Offset | 7.62 dB 👜 🖡 | RBW 100 kHz | Mode Aut | o FFT | Ant1 Ho | 2.40 | 0.79 dBm 514890 GH2 |
| Spectrum Ref Level 2: Att SGL Count 80 1Pk Max 20 dBm 10 dBm -10 dBm -20 dBm -30 dBm | 7.62 dBm 40 dB | Offset | 7.62 dB 👜 🖡 | RBW 100 kHz | Mode Aut | o FFT | Ant1 Ho | 2.40 | 0.79 dBm 514890 GH2 |
| Spectrum Ref Level 2: Att SGL Count 80 1Pk Max 20 dBm 10 dBm -10 dBm -20 dBm -20 dBm -40 dBm | 7.62 dBm 40 dB | Offset | 7.62 dB 👜 🖡 | RBW 100 kHz | Mode Aut | o FFT | Ant1 Ho | 2.40 | 0.79 dBm 514890 GH2 |
| Spectrum Ref Level 2: Att SGL Count 80 1Pk Max 20 dBm 10 dBm -10 dBm -20 dBm -30 dBm -30 dBm -50 dBm | 7.62 dBm 40 dB | Offset | 7.62 dB 👜 🖡 | RBW 100 kHz | | o FFT | Ant1 Ho | 2.40 | 0.79 dBm 514890 GHz |
| Spectrum Ref Level 27 Att SGL Count 80 • 1Pk Max 20 dBm 10 dBm -10 dBm -20 dBm -20 dBm -30 dBm -30 dBm -50 dBm -60 dBm | 7.62 dBm 40 dB 000/8000 | Offset | 7.62 dB 👜 🖡 | RBW 100 kHz | | o FFT | Ant1 Ho | 2.40 | 0.79 dBm 514890 GHz |
| Spectrum Ref Level 27 Att SGL Count 80 1Pk Max 20 dBm 10 dBm -10 dBm -20 dBm -20 dBm -30 dBm -50 dBm -60 dBm -70 dBm | 7.62 dBm 40 dB 000/8000 | Offset | 7.62 dB 👜 🖡 | RBW 100 kHz | | o FFT | Ant1 Ho | 2.40 | 0.79 dBm 514890 GHz |
| Spectrum Ref Level 27 Att SGL Count 80 1Pk Max 20 dBm 10 dBm -10 dBm -20 dBm -30 dBm -30 dBm -50 dBm -60 dBm -70 dBm | 7.62 dBm 40 dB 000/8000 | Offset | 7.62 dB 👜 🖡 | RBW 100 kHz | | o FFT | Ant1 Ho | 2.40 | 0.79 dBm 514890 GHz |





| SGL Count 1Pk Max | 1000/1000 | - | _ | | | | | | |
|---|---------------------------------------|---|--|---|------------|--------|------------|--------------|-------------------------|
| 20 dBm | | | | | M1[| 1] | - 1 | 2.405 | -0.86 dBm 05000 GHz |
| 10 dBm | | | - | | M2[| 1] | | | 44.42 dBm 00000 GHz |
| 0 dBm | | | | | | | | 1 | MI |
| -10 dBm | | | - | | | 1 2 1 | -1 | | Mal |
| -20 dBm | D1 -19,211 | d8m | | | | | | | |
| -30 dBm | | | | | | | <u></u> | | |
| 40 dBm | | | | | | M | 4 | Ma | MO |
| -50 dBm | an well when | and the many many many many many many many many | All when a south of | read an and a second second second | unionality | hummun | henverting | www.mann | weather the |
| -60 dBm | | | | | | | | | |
| -70 dBm | | | 1 | | | | | 1 | |
| Start 2.306 | i GHz | 1 | 1 | 1001 pt | s | | | Stop | 2.406 GHz |
| Marker Type Ref | | X-valu | | Y-value | Functio | on | Fun | ction Result | |
| M1 M2 | 1 | | 2.4 GHz | -0.86 dBm -44.42 dBm | | | | | |
| M3 M4 | 1 | | .39 GHz 755 GHz | -45.49 dBm -41.06 dBm | | | | | |
| | | | the second s | | | | | | |
| Spectrum Ref Level Att SGL Count 1Pk Max | Band 27.60 dBm 40 dB | Edge N | IVNT 3- | -DH5 2480 RBW 100 kHz VBW 300 kHz | Mode Auto | o FFT | o-Hoppi | ng Ref | ₩ ₩ |
| Ref Level Att SGL Count | Band 27.60 dBm 40 dB | Edge N | IVNT 3- | RBW 100 kHz | a 2.3 | o FFT | p-Hoppi | | -1,43 dBm ⊮85610 GHz |
| Ref Level Att SGL Count 1Pk Max 20 dBm- | Band 27.60 dBm 40 dB | Edge N | IVNT 3- | RBW 100 kHz | Mode Auto | o FFT | p-Hoppin | | -1,43 dBm |
| Ref Level Att SGL Count 1Pk Max 20 dBm- 10 dBm- | Band 27.60 dBm 40 dB | Edge N | IVNT 3- | RBW 100 kHz /BW 300 kHz | Mode Auto | o FFT | o-Hoppi | | -1,43 dBm |
| Ref Level Att SGL Count 1Pk Max 20 dBm- | Band 27.60 dBm 40 dB | Edge N | IVNT 3- | RBW 100 kHz | Mode Auto | o FFT | p-Hoppin | | -1,43 dBm |
| Ref Level Att SGL Count 1Pk Max 20 dBm- 10 dBm- | Band 27.60 dBm 40 dB | Edge N | IVNT 3- | RBW 100 kHz /BW 300 kHz | Mode Auto | o FFT | p-Hoppin | | -1,43 dBm |
| Ref Level Att SGL Count 1Pk Max 20 dBm- 10 dBm- 0 dBm- | Band 27.60 dBm 40 dB | Edge N | IVNT 3- | RBW 100 kHz /BW 300 kHz | Mode Auto | o FFT | p-Hoppin | | -1,43 dBm |
| Ref Level Att SGL Count 1Pk Max 20 dBm- 10 dBm- -10 dBm- -20 dBm- | Band 27.60 dBm 40 dB | Edge N | IVNT 3- | RBW 100 kHz /BW 300 kHz | Mode Auto | o FFT | p-Hoppin | | -1,43 dBm |
| Ref Level Att SGL Count 1Pk Max 20 dBm- 10 dBm- -10 dBm- | Band 27.60 dBm 40 dB | Edge N | IVNT 3- | RBW 100 kHz /BW 300 kHz | Mode Auto | o FFT | p-Hoppin | | -1,43 dBm |
| Ref Level Att SGL Count 1Pk Max 20 dBm 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm | Band 27.60 dBm 40 dB | Edge N | IVNT 3- | RBW 100 kHz /BW 300 kHz | Mode Autr | 0 FFT | p-Hoppin | | -1,43 dBm |
| Ref Level Att SGL Count IPk Max 20 dBm 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm | Band 27.60 dBm 40 dB | Edge N | IVNT 3- | RBW 100 kHz /BW 300 kHz | Mode Autr | o FFT | p-Hoppin | | -1,43 dBm |
| Ref Level Att SGL Count ID dBm 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm | Band 27.60 dBm 40 dB | Edge N | IVNT 3- | RBW 100 kHz /BW 300 kHz | Mode Autr | 0 FFT | p-Hoppin | | -1,43 dBm |
| Ref Level Att SGL Count IPk Max 20 dBm 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm | Band 27.60 dBm 40 dB | Edge N | IVNT 3- | RBW 100 kHz /BW 300 kHz | Mode Autr | 0 FFT | | | -1,43 dBm |
| Ref Level Att SGL Count 9 IPk Max 20 dBm 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -70 dBm | Band 27.60 dBm 40 dB 100/100 | Edge N | IVNT 3- | RBW 100 kHz /BW 300 kHz | Mode Auto | 0 FFT | p-Hoppin | 2.475 | -1,43 dBm B5610 GHz |
| Ref Level Att SGL Count ID dBm 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -50 dBm -60 dBm | Band 27.60 dBm 40 dB 100/100 | Edge N | IVNT 3- | RBW 100 kHz /BW 300 kHz | Mode Auto | 0 FFT | p-Hoppin | 2.475 | -1,43 dBm B5610 GHz |
| Ref Level Att SGL Count • 1Pk Max 20 dBm 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -50 dBm -50 dBm -70 dBm | Band 27.60 dBm 40 dB 100/100 | Edge N | IVNT 3- | RBW 100 kHz /BW 300 kHz | Mode Auto | 0 FFT | p-Hoppin | 2.479 | -1,43 dBm B5610 GHz |





| SGL Count 10 9 1Pk Max | 0/100 | | | | | | | | |
|--|------------------|----------------------|---|--------------------------------------|----------------|------------|---------------------------|----------------|--|
| 1.00 | | | | | M | 1[1] | | - 0.5 | -1.34 dBm |
| 20 dBm | | | | | M | 2[1] | | | 05000 GHz -46.51 dBm |
| 10 dBm | | | | | | | 1 | 2.483 | 150000 GHz |
| 0 dBm | | | | · · · · · · | _ | | | 1 | 11 |
| -10 dBm | | | | | | | | | |
| -20 dBm-01 | -21,433 d | Bm | | - | | | - | | |
| -30 dBm | | | | | | | | | 1 |
| -40 dBrp12 | MAAA Juran | and and and | men per | Ananpalmenter | and make m | wind attan | and administ | Mach allyou as | M. H. M. |
| -50 dBm | | . Andre mi | | | Land R my . A. | | and a way of a subjection | | |
| -60 dBm | | | | | - | | | | |
| -70 dBm | - | | _ | 1001 | | _ | | 01 | 0.636.001 |
| Marker | HZ | | - | 1001 | ots | 1 | | stop | 2.576 GHz |
| Type Ref | Trc 1 | X-value 2.4800 | | Y-value -1.34 dBm | Funct | ion | Fun | ction Result | t |
| M2 M3 | 1 | 2.483 | 5 GHz | -46.51 dBm -44.67 dBm | n | | | | |
| M4 | 1 | | 94 GHz | -43.77 dBm | | | | | |
| IVI 4 | | | | | | | | | |
| | .60 dBm 40 dB | Offset 7.t | 60 dB 🐞 R | VNT 3-DH BW 100 kHz BW 300 kHz | Mode A | uto FFT | Ant1 Ho | pping R | |
| Ban Spectrum Ref Level 27 Att SGL Count 80 | .60 dBm 40 dB | Offset 7.t | 60 dB 🐞 R | BW 100 kHz | Mode A | uto FFT | Ant1 Ho | pping R | |
| Ban Spectrum Ref Level 27 Att SGL Count 80 | .60 dBm 40 dB | Offset 7.t | 60 dB 🐞 R | BW 100 kHz | Mode A | | Ant1 Ho | | |
| Ban Spectrum Ref Level 27 Att SGL Count 80 1Pk Max 20 dBm | .60 dBm 40 dB | Offset 7.t | 60 dB 🐞 R | BW 100 kHz | Mode A | uto FFT | Ant1 Ho | | 1.69 dBm |
| Ban Spectrum Ref Level 27 Att SGL Count 80 1Pk Max | .60 dBm 40 dB | Offset 7.t | 60 dB 🐞 R | BW 100 kHz | Mode A | uto FFT | Ant1 Ho | | 1.69 dBm |
| Ban Spectrum Ref Level 27 Att SGL Count 80 1Pk Max 20 dBm | .60 dBm 40 dB | Offset 7.6 SWT 18 | 60 dB 🐞 R | BW 100 kHz BW 300 kHz | Mode A | uto FFT | Ant1 Ho | | 1.69 dBm |
| Ban Spectrum Ref Level 27 Att SGL Count 80 1Pk Max 20 dBm 10 dBm | .60 dBm 40 dB | Offset 7.6 SWT 18 | 60 dB 🐞 R | BW 100 kHz | Mode A | uto FFT | Ant1 Ho | | 1.69 dBm |
| Ban Spectrum Ref Level 27 Att SGL Count 80 1Pk Max 20 dBm 10 dBm -10 dBm | .60 dBm 40 dB | Offset 7.6 SWT 18 | 60 dB 🐞 R | BW 100 kHz BW 300 kHz | Mode A | uto FFT | Ant1 Ho | | 1.69 dBm |
| Ban Spectrum Ref Level 27 Att SGL Count 80 1Pk Max 20 dBm 10 dBm 8 dBm | .60 dBm 40 dB | Offset 7.6 SWT 18 | 60 dB 🐞 R | BW 100 kHz BW 300 kHz | Mode A | uto FFT | Ant1 Ho | | 1.69 dBm |
| Ban Spectrum Ref Level 27 Att SGL Count 80 1Pk Max 20 dBm 10 dBm -10 dBm | .60 dBm 40 dB | Offset 7.6 SWT 18 | 60 dB 🐞 R | BW 100 kHz BW 300 kHz | Mode A | uto FFT | Ant1 Ho | | 1.69 dBm |
| Ban Spectrum Ref Level 27 Att SGL Count 80 1Pk Max 20 dBm 10 dBm -10 dBm -20 dBm | .60 dBm 40 dB | Offset 7.6 SWT 18 | 60 dB 🐞 R | BW 100 kHz BW 300 kHz | Mode A | uto FFT | Ant1 Ho | | 1.69 dBm |
| Ban Spectrum Ref Level 27 Att SGL Count 80 1Pk Max 20 dBm 10 dBm -10 dBm -20 dBm -30 dBm -40 dBm | .60 dBm 40 dB | Offset 7.6 SWT 18 | 60 dB 🐞 R | BW 100 kHz BW 300 kHz | Mode A | uto FFT | Ant1 Ho | | 1.69 dBm |
| Ban Spectrum Ref Level 27 Att SGL Count 80 1Pk Max 20 dBm 10 dBm -10 dBm -20 dBm -30 dBm | .60 dBm 40 dB | Offset 7.6 SWT 18 | 60 dB 🐞 R | BW 100 kHz BW 300 kHz | Mode A | uto FFT | Ant1 Ho | | 1.69 dBm |
| Ban Spectrum Ref Level 27 Att SGL Count 80 1Pk Max 20 dBm 10 dBm -10 dBm -20 dBm -30 dBm -40 dBm | .60 dBm 40 dB | Offset 7.6 SWT 18 | 60 dB 🐞 R | BW 100 kHz BW 300 kHz | Mode A | uto FFT | Ant1 Ho | | 1.69 dBm |
| Ban Spectrum Ref Level 27 Att SGL Count 80 IPK Max 20 dBm 10 dBm -10 dBm -20 dBm -20 dBm -30 dBm -30 dBm -50 dBm | .60 dBm 40 dB | Offset 7.6 SWT 18 | 60 dB 🐞 R | BW 100 kHz BW 300 kHz | Mode A | uto FFT | Ant1 Ho | | 1.69 dBm |
| Ban Spectrum Ref Level 27 Att SGL Count 80 ID dBm 10 dBm 10 dBm -10 dBm -20 dBm -30 dBm -30 dBm -50 dBm | .60 dBm 40 dB | Offset 7.6 SWT 18 | 60 dB 🐞 R | BW 100 kHz BW 300 kHz | Mode Ar | uto FFT | Ant1 Ho | 2.476 | 1.69 dBm |
| Ban Spectrum Ref Level 27 Att SGL Count 80 IPk Max 20 dBm 10 dBm -10 dBm -20 dBm -30 dBm -30 dBm -50 dBm -50 dBm -70 dBm | .60 dBm 40 dB | Offset 7.6 SWT 18 | 60 dB 🐞 R | BW 100 kHz BW 300 kHz | Mode Ar | uto FFT | Ant1 Ho | 2.476 | 1.69 dBm 115380 GHz |
| Ban Spectrum Ref Level 27 Att SGL Count 80 1Pk Max 20 dBm 10 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -50 dBm -50 dBm | .60 dBm 40 dB | Offset 7.6 SWT 18 | 60 dB 🐞 R | BW 100 kHz BW 300 kHz | Mode Ar | uto FFT | Ant1 Ho | 2.476 | 1.69 dBm 115380 GHz |
| Ban Spectrum Ref Level 27 Att SGL Count 80 IPk Max 20 dBm 10 dBm -10 dBm -20 dBm -30 dBm -30 dBm -50 dBm -50 dBm -70 dBm | .60 dBm 40 dB | Offset 7.6 SWT 18 | 60 dB 🐞 R | BW 100 kHz BW 300 kHz | Mode Ar | uto FFT | Ant1 Ho | 2.476 | 1.69 dBm 115380 GHz |



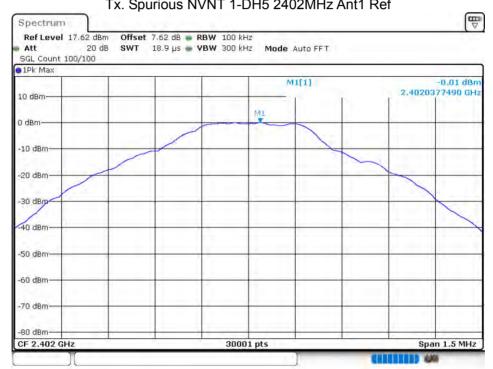


| | n | | | | | |
|-------------------------------|---|------------------------------|----------------------------|----------------------------|------------------------------|----------------|
| Ref Level Att SGL Count | 27.60 dBm 40 dB 1000/1000 | SWT 227.5 µs 🖷 | RBW 100 kHz VBW 300 kHz | Mode Auto FFT | | |
| 01Pk Max | | A | | | | |
| | | | | M1[1] | | -2.05 dBm |
| 20 dBm | | | - | | | 2.47605000 GHz |
| 10 dBm | | | | M2[1] | | -45.02 dBm |
| TO OPIN- | | | | 1 | í í | 2.48350000 GHz |
| 0 dBm | | | - | | | |
| 10 Bm- | | | 1. | | | |
| -10 dBm | | | - | | | |
| -20 cBm | D1 -18.313 | 3 dBm | | | | |
| -20 CBm | 1.1.1.1.1.1.1 | | | | | |
| -30 dBm | · | | | | | · ? ? |
| | M4 | 414 | | | | |
| -40 dBm12 | | MA Marken Mark | and the second second | a marker from | 4 7 10 10 TO 10 | as providente |
| -50 dBm | and the factor of the second | and real and an and a strain | - and an and the | Astronom Abrillion and the | an a stand real real and the | ma Junania |
| -50 UBIII | | | | | | |
| -60 dBm | | | - | | _ | |
| | | | | | | |
| -70 dBm | | | - | | | |
| Start 2.47 | 6 GHz | | 1001 p | ts | | Stop 2.576 GHz |
| Marker | | | | | | |
| | f Trc | X-value | Y-value | Function | Funct | ion Result |
| | | 2.47605 GHz | -2.05 dBm | | | |
| M1 | 1 | 0 4005 011- | 45 00 00- | | | |
| | 1 | 2.4835 GHz 2.5 GHz | -45.02 dBm -43.62 dBm | | | |



8.7 CONDUCTED RF SPURIOUS EMISSION

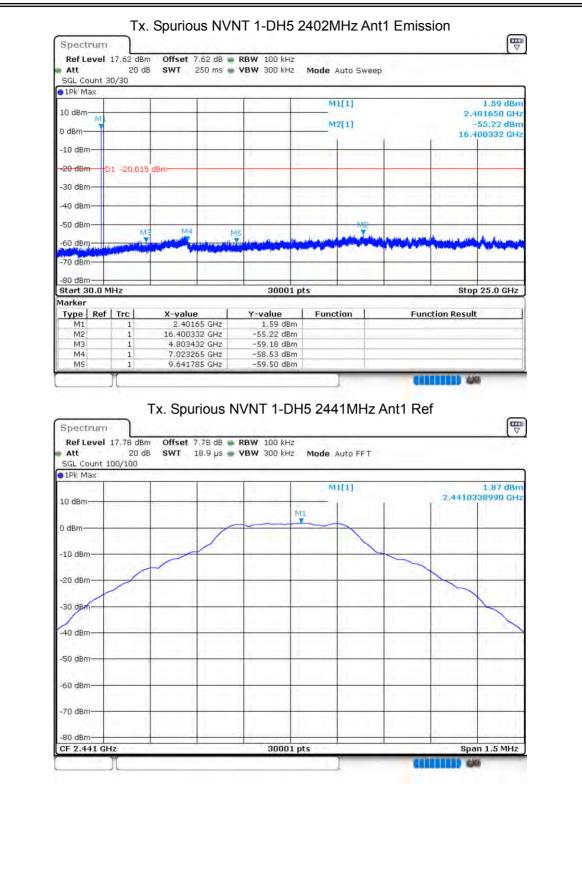
| 0.1 00110 | COLDI | | | | | |
|-----------|-------|-----------------|---------|-----------------|-------------|---------|
| Condition | Mode | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
| NVNT | 1-DH5 | 2402 | Ant 1 | -55.21 | -20 | Pass |
| NVNT | 1-DH5 | 2441 | Ant 1 | -47.67 | -20 | Pass |
| NVNT | 1-DH5 | 2480 | Ant 1 | -56.53 | -20 | Pass |
| NVNT | 2-DH5 | 2402 | Ant 1 | -54.54 | -20 | Pass |
| NVNT | 2-DH5 | 2441 | Ant 1 | -54.24 | -20 | Pass |
| NVNT | 2-DH5 | 2480 | Ant 1 | -49.13 | -20 | Pass |
| NVNT | 3-DH5 | 2402 | Ant 1 | -44.61 | -20 | Pass |
| NVNT | 3-DH5 | 2441 | Ant 1 | -40.21 | -20 | Pass |
| NVNT | 3-DH5 | 2480 | Ant 1 | -54.17 | -20 | Pass |



Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Ref











| 10 dBm | 10 dBm 0 dBm 0 dBm 20 dBm | ●1Pk Max | | 1 | 1 | 1 1 | 6.1.1 | F11 | | | 2.00 dBm |
|--|---|---|-------------------------------|----------|-----------|----------------------------|---------|--------------|------------------|-----------------------|------------------------|
| 0 d8m 10 d8m 20 d8m 20 d8m 40 d8m 50 d8m 40 d8m 50 d8m 11 2 2.44077 GHz 12 2.44077 GHz 1 2.44077 GHz 2 30001 pts 3 3001 pts 3 400 | 0 dBm 10 dBm 20 dBm | 10 dBm ML | | | | - | | | | | 440770 GHz |
| 20 dgm 01 18.130 dBm 0 | 20 dim 01 +18 130 dim 40 dim 50 dim 50 dim 50 dim 50 dim 50 dim 50 dim 51 of 10 0 MHz 52 dim 52 dim 53 dim 54 dim 54 dim 54 dim 55 dim 55 dim 56 dim 57 dim 56 dim 57 dim 58 dim 59 dim 59 dim 59 dim 50 dim 59 dim 50 di | | - | - | | | M2 | [1] | | | |
| Solution Function Function Result Solution Solution <th>Click Click <t< th=""><th>-10 dBm</th><th>_</th><th>-</th><th>-</th><th></th><th></th><th></th><th></th><th></th><th>1</th></t<></th> | Click Click <t< th=""><th>-10 dBm</th><th>_</th><th>-</th><th>-</th><th></th><th></th><th></th><th></th><th></th><th>1</th></t<> | -10 dBm | _ | - | - | | | | | | 1 |
| -0 dBm -50 dBm -50 dBm -60 dBm -60 dBm -50 dBm -50 dBm -50 dBm -50 dBm -50 dBm -50 dBm -50 dBm -50 dBm -70 dBm -50 | 40 dBm 30001 pts Stop 25.0 GHz 50 dBm 30001 pts Stop 25.0 GHz 70 dBm 1 2.44077 GHz 2.000 dBm 70 dBm 1 1.737946 GHZ -40.44 dBm 70 dBm 1 1.737946 GHZ -40.44 dBm 70 dBm 1 1.737946 GHZ -40.40 dBm 70 dBm 1 1.737946 GHZ -59.9 dBm 70 dBm 1 7.401144 GHZ -59.93 dBm 70 dBm 1 9.581857 GHZ -60.19 dBm 70 dBm 0 dBm 0 dBm 0 dBm 0 dBm 10 dBm 0 dBm 0 dBm 0 dBm 0 dBm 0 dBm -20 dBm -30 dBm -40 dBm -40 dBm -40 dBm -40 dBm -30 dBm -30 dBm -40 dBm -40 dBm -40 dBm -40 dBm -20 dBm -30 dBm -40 dBm -40 dBm -40 dBm -40 dBm | -20 dBm-0 | 1 -18.130 |) dBm | | - | | _ | | | |
| So dam And the second seco | 50 dBn 0 </td <td>-30 dBm</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>1</td> <td></td> | -30 dBm | | | | | | | | 1 | |
| So dam And the second seco | 50 dBn 0 </td <td>-40 dBpp</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> | -40 dBpp | | | | | | | | | |
| -90 dBm -70 dBm -70 dBm -70 dBm -70 dBm -70 dBm -70 dBm -70 dBm -20 dBm -2 | -50 gBm M3 M5 Junction Store 25.0 GHz Stort 30.0 MHz 30001 pts Stop 25.0 GHz Warker 30001 pts Stop 25.0 GHz Mit 1 2.44077 GHz 2.00 dBm Mit 1 2.44077 GHz -59.94 dBm M3 1 5.055629 GHz -59.94 dBm M3 1 0.581857 GHz -60.19 dBm M4 1.7.401144 GHz -59.94 dBm -60.19 dBm M4 1.7.60 dB RBW 100 KHz Mode Auto FFT Spectrum V Stop 25.0 GHz -60.19 dBm Nt 20 dB SWT 18.9 µs YBW 300 KHz Md 0 dBm Mit(1) 0.68 dBm 10 dBm 0 dBm Mit(1) 0.68 dBm -30 dBm -30 dBm -40 dBm -40 dBm -40 dBm -60 dBm -40 dBm -40 dBm -40 dBm -40 dBm < | T | | | | | | | | | |
| Start 30.0 MHz 30001 pts Stop 25.0 GHz Marker Tro X-value Function Function Result M1 1 2.44077 GHz 2.00 dbm Function Result M3 1 5.035629 GHz 59.94 dbm Function Result M3 1 5.035629 GHz -59.94 dbm Function Result M3 1 5.035629 GHz -59.94 dbm Function Result M3 1 9.581857 GHz -60.19 dbm Function Result M5 1 9.581857 GHz -60.19 dbm Function Result Spectrum Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Ref Function Result Function Result Spectrum Stop 25.0 GHz Mate Mate Function Result Function Result SGL Count 100/100 Mate Mate Mate Auto of File Function Result Function Result -20 dbm -30 dbm | Stort 30.0 MHz 30001 pts Stop 25.0 GHz Warker Type Ref Trc X-value Y-value Function Function Result M1 1 2.44077 GHz 2.00 dbm Function Function Result M2 1 1.737948 GHz -45.80 dbm Hatter Handler Handel Handler Handler Handler Handler Handler | | 1 | 3 June 1 | 14 M. | 5 | | and M. berry | Marchine Beating | Analy Longh | Andreaded |
| Stert 30.0 MHz 30001 pts Stop 25.0 GHz Marker Type Ref Trc X - value Y-value Function Function Result M1 1 2.44077 GHz 2.00 dbm Function Result Function Result M3 1 5.055629 GHz -59.94 dbm Function Result Function Result M4 1 7.401144 GHz -59.36 dbm Function Result Function Result M5 1 9.581857 GHz -60.19 dbm Function Result Function Result Ref Level 17.60 dbm Offset 7.60 db RBW 100 KHz Made Auto FFT SGL Count 100/100 SQL Count 100/100 Odbm M1[1] 0.68 dbm 2.4799890000 GHz 10 dbm M1[1] 0.68 dbm C.4799890000 GHz FUNCTION RESULT -20 dbm M1[1] 0.68 dbm FUNCTION RESULT Stop 25.0 GHz -30 dbm M1[1] C.4799890000 GHz FUNCTION RESULT Stop 1.5 MHz | Stert 30.0 MHz 30001 pts Step 25.0 GHz Warker Type Ref Trc X-value Y-value Function Function Result M1 1 2.44077 GHz 2.00 dBm Function Function Result M2 1 1.737948 GHz -45.80 dBm Function Function Result M3 1 5.055629 GHz -59.94 dBm Function Function Result M4 1 7.401144 GHz -59.36 dBm Function Result Function Result M4 1 9.581857 GHz -60.19 dBm Function Result Function Result Spectrum Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Ref Function Result Function Result Function Result SQL count 100/100 SWT 18.9 µs YBW 300 KHz Mode Auto FFT SQL count 100/100 SQL count 100/100 M1 0.68 dBm Att 20 dB SWT 18.9 µs YBW 300 KHz 10 dBm M1 0.68 dBm M1 C.4799890000 GHz Att 20 dB SWT Att 20 dB SWT SWT SWT SW | and the second se | | | | | | | A-14 | Mancard Carl Date and | 1 and |
| Marker Trpe Ref Trc X-value Y-value Function Function Result M1 1 2.44077 GHz 2.00 dbm Function Function Result M3 1 1.535562 gHz -45,80 dbm Function Function Result M4 1 7.401144 GHz -59.36 dbm Function Function M5 1 9.581857 GHz -60.19 dbm Function Function Ref Level 17.60 dbm Offset 7.60 db RBW 100 kHz Mt Count 100/100 Pic Max 20 db SWT 18.9 µs VBW 300 kHz Mode Auto FFT SGL Count 100/100 Gbm M1 (1) 0.68 dbm 2.4799880000 GHz 0 dbm M1 (1) 0.68 dbm 2.4799880000 GHz CHz -20 dbm M1 (1) 0.68 dbm 2.4799880000 GHz Function FFT -30 dbm -40 dbm -40 dbm -40 dbm -40 dbm -40 dbm -40 dbm -60 dbm -60 dbm -70 dbm -70 dbm -70 dbm <td< td=""><td>Warker Type Ref Trc X-value Y-value Function Function Result M1 1 1.737948 GHz -45.80 dBm -45.80 dBm -45.80 dBm -45.90 dBm -45.90 dBm -45.90 dBm -50.91 dBm -50.95629 GHz -50.91 dBm <td< td=""><td>-70 0Bm</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<></td></td<> | Warker Type Ref Trc X-value Y-value Function Function Result M1 1 1.737948 GHz -45.80 dBm -45.80 dBm -45.80 dBm -45.90 dBm -45.90 dBm -45.90 dBm -50.91 dBm -50.95629 GHz -50.91 dBm -50.91 dBm <td< td=""><td>-70 0Bm</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<> | -70 0Bm | | | | | | | | | |
| Type Ref Trc X-value Y-value Function Function M1 1 2.44077 GHz 2.00 dbm 1 1.73794 gHz 44.80 dbm M3 1 5.055629 GHz -55.94 dbm 1 1.73794 gHz -45.00 dbm 1 M4 1 7.401144 GHz -55.936 dbm 1 1 9.581857 GHz -60.19 dbm 1 M5 1 9.581857 GHz -60.19 dbm 1 . . . Ref Level 17.60 dbm Offset 7.60 db RBW 100 kHz Made Auto FFT . <td< td=""><td>Type Ref Trc X-value Y-value Function Function Function Result M1 1 2.44077 GHz 2.00 dBm 1 1.737948 GHZ -55.94 dBm 1 1.737948 GHZ -55.95 dBm 1 1.737948 GHZ -55.95 dBm 1 1 1.737948 GHZ -55.95 dBm 1 1 1.737948 GHZ -55.95 dBm 1 1 1.740144 GHZ -55.95 dBm 1 1 1.740144 GHZ -55.95 dBm 1 1 1.740144 GHZ -60.19 dBm 1</td><td>Start 30.0 M</td><td>1Hz</td><td>1</td><td>1</td><td>30001</td><td>pts</td><td></td><td></td><td>Sto</td><td>p 25.0 GHz</td></td<> | Type Ref Trc X-value Y-value Function Function Function Result M1 1 2.44077 GHz 2.00 dBm 1 1.737948 GHZ -55.94 dBm 1 1.737948 GHZ -55.95 dBm 1 1.737948 GHZ -55.95 dBm 1 1 1.737948 GHZ -55.95 dBm 1 1 1.737948 GHZ -55.95 dBm 1 1 1.740144 GHZ -55.95 dBm 1 1 1.740144 GHZ -55.95 dBm 1 1 1.740144 GHZ -60.19 dBm 1 | Start 30.0 M | 1Hz | 1 | 1 | 30001 | pts | | | Sto | p 25.0 GHz |
| M1 1 2.44077 GHz 2.00 dbm M2 1 1.737948 GHz -559.94 dbm M3 1 5.055629 GHz -59.94 dbm M4 1 7.401144 GHz -59.36 dbm M4 1 7.401144 GHz -59.36 dbm M4 1 9.581857 GHz -60.19 dbm M5 1 9.581857 GHz -60.19 dbm M2 17.60 dbm Offset 7.60 dB RBW 100 kHz Att 20 db SWT 18.9 µs YBW 300 kHz Mat 10 dbm 0.68 dbm 2.4799880000 GHz 10 dbm 0 0 0 0 -20 dbm - - - - -30 dbm - - - - - -20 dbm - - - - - - -30 dbm - - - - - - - -30 dbm - - - - - - - - -60 dbm - - - | M1 1 2.44077 GH2 2.00 dbm M2 1 1.73794 GH2 -458.00 dbm M3 1 5.055629 GH2 -59.94 dbm M4 1 7.401144 GH2 -59.36 dbm M4 1 7.401144 GH2 -59.36 dbm M4 1 9.581857 GH2 -60.19 dbm M2 17.60 dbm Offset 7.50 db RBW 100 kH2 Att 20 db SWT 18.9 µs YBW 300 kH2 SGL Count 100/100 IB:9 µs YBW 300 kH2 Mode Auto FFT SGL Count 100/100 IB:9 µs YBW 300 kH2 Mode Auto FFT SGL Count 100/100 IB:9 µs YBW 300 kH2 Mode Auto FFT ID dbm 0 dbm 10 dbm 2.4799880000 GH2 -10 dbm -0.68 dbm -0.68 dbm -0.68 dbm -20 dbm -0 dbm -0.68 dbm -0.68 dbm -50 dbm -0.68 dbm -0.68 dbm -0.68 dbm -0 dbm -0.68 dbm -0.68 dbm -0.68 dbm -0 dbm -0.68 dbm -0.68 dbm -0.68 dbm -0 dbm -0.68 dbm </td <td>Marker</td> <td>Ter</td> <td>V-make</td> <td>a 1</td> <td>Y-ualue</td> <td> Ermot</td> <td>on 1</td> <td>Carrier -</td> <td>tion Peer</td> <td></td> | Marker | Ter | V-make | a 1 | Y-ualue | Ermot | on 1 | Carrier - | tion Peer | |
| M3 1 5.055629 GHz -59.96 dBm M4 1 7.401144 GHz -59.36 dBm 9.381887 GHz -50.19 dBm -50.19 dBm Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Ref Spectrum Ref Level 17.50 dB RBW 100 kHz Att 20 dB SWT 18.9 µs YBW 300 kHz Mode Auto FFT SGL Count 100/100 I D dBm M1[1] 0.68 dBm 0 dBm -00 dBm | M3 1 5.055629 GHz -59.36 dBm M4 1 7.401144 GHz -59.36 dBm M5 1 9.581957 GHz -50.19 dBm Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Ref Spectrum Ref Level 17.60 dBm Offset 7.60 dB RBW 100 KHz Att 20 dB SWT 18.9 µs YBW 300 KHz Mode Auto FFT SGL Count 100/100 PIP Max 0.48 dBm -0.49 dBm -0.49 dBm -0.49 dBm -0.49 dBm -0.4799809000 GHz -0.4799809000 GHz -0.4799809000 GHz -0.4799809000 GHz -0.4799809000 GHz -0.68 dBm | M1 | 1 | 2,440 | D77 GHz | 2.00 dBn | n | on | Func | cion Resul | |
| M4 1 7.401144 GHz -59.36 dBm M5 1 9.581857 GHz -60.19 dBm Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Ref Spectrum Ref Level 17.50 dBm Offset 7.60 dB RBW 100 kHz Att 20 dB SWT 18.9 µs YBW 300 kHz Mode Auto FFT SGL Count 100/100 IPk Max MIT 0 dBm MIT -20 dBm MIT -30 dBm MIT -50 dBm GL colspan="2">GL colspan="2">Spen 1.5 MHz | M4 1 7.401144 GHz -59.36 dBm M5 1 9.581857 GHz -60.19 dBm Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Ref Spectrum Ref Level 17.60 dBm Offset 7.60 dB RBW 100 kHz Att 20 dB SWT 18.9 µs VBW 300 kHz Mode Auto FFT SGL Count 100/100 IPK Max MI[1] 0.68 dBm 0 dBm MI[1] 0.68 dBm 10 dBm | | | | | | | | | | |
| Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Ref Spectrum Image: Colspan="2">Image: Colspan="2">Image: Colspan="2">Image: Colspan="2">Image: Colspan="2">Image: Colspan="2">Image: Colspan="2" Image: Colspa="" Image: Colspan="2" Image: Colspan="2" Image: Col | Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Ref Spectrum Ref Level 17.60 dBm Offset 7.60 dB RBW 100 kHz Att 20 dB SWT 18.9 µs VBW 300 kHz Mode Auto FFT SGL Count 100/100 PIK Max 0 dBm 0 dBm -0.68 dBm <td></td> <td>1</td> <td>7.401</td> <td>144 GHz</td> <td>-59.36 dBn</td> <td>n</td> <td></td> <td></td> <td></td> <td></td> | | 1 | 7.401 | 144 GHz | -59.36 dBn | n | | | | |
| Spectrum The sector of the secto | Spectrum The flevel 17.60 dBm Offset 7.60 dB RBW 100 kHz Att 20 dB SWT 18.9 µs VBW 300 kHz Mode Auto FFT. SGL Count 100/100 IPk Max 0.68 dBm 0.68 dBm 10 dBm 0 dBm 0.68 dBm 2.4799680000 GHz -10 dBm 0 dBm 0.68 dBm 0.68 dBm -20 dBm -30 dBm -40 dBm -40 dBm -40 dBm -50 dBm -60 dBm -60 dBm -70 dBm -70 dBm -70 dBm | mo | | 2,5010 | | 00.19 000 | | | | | |
| 0 dBm -10 dBm -20 dBm -20 dBm -20 dBm -30 dBm -30 dBm -0 dBm -0 dBm -50 dBm -60 dBm -70 dBm -60 dBm -70 dBm -80 dBm -90 dBm | 0 dBm -10 dBm -20 dBm -20 dBm -30 dBm -30 dBm -50 dBm -60 dBm -70 dBm -60 dBm -60 dBm -20 dBm -80 d | Ref Level Att SGL Count 1 | 17.60 dBr 20 dl | n Offset | 7.60 dB 🍙 | RBW 100 kHz | Mode Au | uto FFT. | | | |
| -10 dBm -20 dBm -30 dBm -30 dBm -0 dBm -50 dBm -60 dBm -70 dBm -70 dBm -60 dBm -70 dBm -70 dBm -80 dBm -80 dBm -50 dBm -50 dBm -50 dBm -50 dBm -70 | -10 dBm -20 dBm -30 dBm -30 dBm -50 dBm -60 dBm -70 dBm CF 2.48 GHz 30001 pts Span 1.5 MHz | Ref Level Att SGL Count 1 1Pk Max | 17.60 dBr 20 dl | n Offset | 7.60 dB 🍙 | RBW 100 kHz | Mode Au | uto FFT. | | | 0.68 dBm |
| -20 dBm -30 dBm 40 dBm -50 dBm -60 dBm -70 dBm -70 dBm -70 dBm -60 dBm -70 dBm -70 dBm -80 dBm -80 dBm -50 | -20 dBm -30 dBm -30 dBm -50 dBm -60 dBm -70 dBm -60 dBm CF 2.48 GHz 30001 pts Span 1.5 MHz | Ref Level Att SGL Count 1 1Pk Max | 17.60 dBr 20 dl | n Offset | 7.60 dB 🍙 | RBW 100 kHz VBW 300 kHz | Mode Au | uto FFT. | | | 0.68 dBm |
| -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm -70 dBm -70 dBm -70 dBm -70 dBm -70 dBm -80 dBm CF 2.48 GHz 30001 pts Span 1.5 MHz | -30 dBm 40 dBm -50 dBm -60 dBm -70 dBm -70 dBm CF 2.48 GHz 30001 pts Span 1.5 MHz | Ref Level Att SGL Count 1 1Pk Max | 17.60 dBr 20 dl | n Offset | 7.60 dB 🍙 | RBW 100 kHz VBW 300 kHz | Mode Au | uto FFT. | | | 0.68 dBm |
| -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm -70 dBm -70 dBm -70 dBm -70 dBm -70 dBm -80 dBm CF 2.48 GHz 30001 pts Span 1.5 MHz | -30 dBm 40 dBm -50 dBm -60 dBm -70 dBm -70 dBm CF 2.48 GHz 30001 pts Span 1.5 MHz | Ref Level Att SGL Count 1 1Pk Max 10 dBm- 0 dBm- | 17.60 dBr 20 dl | n Offset | 7.60 dB 🍙 | RBW 100 kHz VBW 300 kHz | Mode Au | uto FFT. | | | 0.68 dBm |
| 40 dBm -50 dBm -60 dBm -70 dBm -80 dBm CF 2.48 GHz 30001 pts Span 1.5 MHz | 40 dBm | Ref Level Att SGL Count 1 1Pk Max 10 dBm- 0 dBm- | 17.60 dBr 20 dl | n Offset | 7.60 dB 🍙 | RBW 100 kHz VBW 300 kHz | Mode Au | uto FFT. | | | 0.68 dBm |
| -50 dBm -60 dBm -70 dBm -80 dBm -70 | -50 dBm -60 dBm -70 dBm -80 dBm -80 dBm CF 2.48 GHz 30001 pts Span 1.5 MHz | Ref Level Att SGL Count 1 1Pk Max 10 dBm- 0 dBm- -10 dBm- | 17.60 dBr 20 dl | n Offset | 7.60 dB 🍙 | RBW 100 kHz VBW 300 kHz | Mode Au | uto FFT. | | | 0.68 dBm |
| -50 dBm -60 dBm -70 dBm -80 dBm -70 | -50 dBm -60 dBm -70 dBm -80 dBm -80 dBm CF 2.48 GHz 30001 pts Span 1.5 MHz | Ref Level Att SGL Count 1 1Pk Max 10 dBm -10 dBm -20 dBm | 17.60 dBr 20 dl | n Offset | 7.60 dB 🍙 | RBW 100 kHz VBW 300 kHz | Mode Au | uto FFT. | | | 0.68 dBm |
| -60 dBm -70 dBm -70 dBm -80 dBm CF 2.48 GHz 30001 pts Span 1.5 MHz | -60 dBm -70 dBm -80 dBm CF 2.48 GHz 30001 pts Span 1.5 MHz | Ref Level Att SGL Count 1 PIPk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm | 17.60 dBr 20 dl | n Offset | 7.60 dB 🍙 | RBW 100 kHz VBW 300 kHz | Mode Au | uto FFT. | | | 0.68 dBm |
| -70 dBm -80 dBm CF 2.48 GHz 30001 pts Span 1.5 MHz | -70 dBm -80 dBm CF 2.48 GHz 30001 pts Span 1.5 MHz | Ref Level Att SGL Count 1 PIPk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm | 17.60 dBr 20 dl | n Offset | 7.60 dB 🍙 | RBW 100 kHz VBW 300 kHz | Mode Au | uto FFT. | | | 0.68 dBm |
| -70 dBm -80 dBm CF 2.48 GHz 30001 pts Span 1.5 MHz | -70 dBm -80 dBm CF 2.48 GHz 30001 pts Span 1.5 MHz | Ref Level Att SGL Count 1 I DK Max 0 dBm -10 dBm -20 dBm -30 dBm -30 dBm | 17.60 dBr 20 dl | n Offset | 7.60 dB 🍙 | RBW 100 kHz VBW 300 kHz | Mode Au | uto FFT. | | | 0.68 dBm |
| -80 dBm | -80 dBm | Ref Level Att SGL Count 1 • IPk Max 10 dBm -10 dBm -20 dBm -30 dBm -30 dBm -50 dBm | 17.60 dBr 20 dl | n Offset | 7.60 dB 🍙 | RBW 100 kHz VBW 300 kHz | Mode Au | uto FFT. | | | 0.68 dBm |
| CF 2.48 GHz 30001 pts Span 1.5 MHz | CF 2.48 GHz 30001 pts Span 1.5 MHz | Ref Level Att SGL Count 1 • IPk Max 10 dBm -10 dBm -20 dBm -30 dBm -30 dBm -50 dBm | 17.60 dBr 20 dl | n Offset | 7.60 dB 🍙 | RBW 100 kHz VBW 300 kHz | Mode Au | uto FFT. | | | 0.68 dBm |
| CF 2.48 GHz 30001 pts Span 1.5 MHz | CF 2.48 GHz 30001 pts Span 1.5 MHz | Ref Level Att SGL Count 1 • IPk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -50 dBm -60 dBm | 17.60 dBr 20 dl | n Offset | 7.60 dB 🍙 | RBW 100 kHz VBW 300 kHz | Mode Au | uto FFT. | | | 0.68 dBm |
| | | Ref Level Att SGL Count 1 • IPk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -50 dBm -60 dBm -70 dBm | 17.60 dBr 20 dl | n Offset | 7.60 dB 🍙 | RBW 100 kHz VBW 300 kHz | Mode Au | uto FFT. | | | 0.68 dBm |
| | | Ref Level Att SGL Count 1 • IPk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -50 dBm -60 dBm -70 dBm | 17,60 dBr 20 dl .00/100 | n Offset | 7.60 dB 🍙 | RBW 100 kHz | Mode Au | uto FFT. | | 2.4799 | 0.68 dBn 899000 GH2 |
| | | Ref Level Att SGL Count 1 • IPk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -50 dBm -60 dBm -70 dBm | 17,60 dBr 20 dl .00/100 | n Offset | 7.60 dB 🍙 | RBW 100 kHz | Mode Au | uto FFT. | | 2.47994 | 0.68 dBm 889000 GH2 |





| ●1Pk Max | 1 | | | 1 | M1[1] | | | 0, | 43 dBm |
|---|-------------------------------|---------------------------|-----------|----------------------------|-----------------------------------|-----|---|---|-------------------|
| 10 dBm | | | | | | | | 2.4798 | 90 GHz |
| 0 dBm | | | | | M2[1] | 1 | 6 | 20.0942 | 85 dBm 227 GHz |
| -10 dBm- | | | | 1 | | | | | |
| -20 dBm | D1 -19.315 | dBm- | | | | - | | | |
| -30 dBm | | | | | | | | | |
| -40 dBm | | | | - | | - | | | |
| -50 dBm | M | 3 M | 4 | M5 | | | M2 | | |
| -60 dBm- | | A CONTRACTOR OF THE OWNER | | the Associated About the | and all all and the second second | | and the state of the | and the start of the | And Look and |
| -70 dBm | | | | | | | | | |
| -80 dBm | MHz | _ | | 30001 (| ots | - | - | Stop 25 | .0 GHz |
| Marker | 0 th | | | | | i. | an looks | | |
| Type Ref | 1 | | 89 GHz | Y-value 0.43 dBm | Function | | Functio | n Result | |
| M2 M3 | 1 | | 91 GHz | -55.85 dBm -58.70 dBm | | | | | |
| M4 M5 | 1 | 7.4003 | | -60.03 dBm -59.92 dBm | | | | | |
| - | 10 | | | | | _ | | 11) élé | |
| Spectrum Ref Level Att SGL Count 1Pk Max | 17.62 dBm 20 dB | Offset 7 | 7.62 dB 🍙 | IVNT 2-DH | Mode Auto | FFT | t1 Ref | | B |
| Ref Level Att SGL Count | 17.62 dBm 20 dB | Offset 7 | 7.62 dB 🍙 | RBW 100 kHz | | FFT | | -1. 2.40188830 | 10 dBm |
| Ref Level Att SGL Count 1Pk Max | 17.62 dBm 20 dB | Offset 7 | 7.62 dB 🍙 | RBW 100 kHz | Mode Auto | FFT | | | 10 dBm |
| Ref Level Att SGL Count 1Pk Max 10 dBm | 17.62 dBm 20 dB | Offset 7 | 7.62 dB 🍙 | RBW 100 kHz yBW 300 kHz | Mode Auto | FFT | | | 10 dBm |
| Ref Level Att SGL Count 1Pk Max | 17.62 dBm 20 dB | Offset 7 | 7.62 dB 🍙 | RBW 100 kHz yBW 300 kHz | Mode Auto | FFT | | | 10 dBm |
| Ref Level Att SGL Count 1Pk Max 10 dBm | 17.62 dBm 20 dB | Offset 7 | 7.62 dB 🍙 | RBW 100 kHz yBW 300 kHz | Mode Auto | FFT | | | 10 dBm |
| Ref Level Att SGL Count IPk Max 10 dBm -10 dBm | 17.62 dBm 20 dB | Offset 7 | 7.62 dB 🍙 | RBW 100 kHz yBW 300 kHz | Mode Auto | FFT | | | 10 dBm |
| Ref Level Att SGL Count IPk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm | 17.62 dBm 20 dB | Offset 7 | 7.62 dB 🍙 | RBW 100 kHz yBW 300 kHz | Mode Auto | FFT | | | 10 dBm |
| Ref Level Att SGL Count IPk Max 10 dBm -10 dBm -20 dBm | 17.62 dBm 20 dB | Offset 7 | 7.62 dB 🍙 | RBW 100 kHz yBW 300 kHz | Mode Auto | FFT | | | 10 dBm |
| Ref Level Att SGL Count IPk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm | 17.62 dBm 20 dB | Offset 7 | 7.62 dB 🍙 | RBW 100 kHz yBW 300 kHz | Mode Auto | FFT | | | 10 dBm |
| Ref Level Att SGL Count ID dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm | 17.62 dBm 20 dB | Offset 7 | 7.62 dB 🍙 | RBW 100 kHz yBW 300 kHz | Mode Auto | FFT | | | 10 dBm |
| Ref Level Att SGL Count ID dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm | 17.62 dBm 20 dB | Offset 7 | 7.62 dB 🍙 | RBW 100 kHz yBW 300 kHz | Mode Auto | FFT | | | 10 dBm |
| Ref Level Att SGL Count ID dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm | 17.62 dBm 20 dB | Offset 7 | 7.62 dB 🍙 | RBW 100 kHz yBW 300 kHz | Mode Auto | FFT | | | 10 dBm |
| Ref Level Att SGL Count ID dBm 10 dBm -10 dBm -20 dBm -30 dBm -50 dBm -60 dBm -70 dBm | 17.62 dBm 20 dB 100/100 | Offset 7 | 7.62 dB 🍙 | RBW 100 kHz | Mode Auto | FFT | | 2.40186830 | 10 dBm 140 GHz |
| Ref Level Att SGL Count ID dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -70 dBm | 17.62 dBm 20 dB 100/100 | Offset 7 | 7.62 dB 🍙 | RBW 100 kHz yBW 300 kHz | Mode Auto | FFT | | | 10 dBm 140 GHz |
| Ref Level Att SGL Count ID dBm 10 dBm -10 dBm -10 dBm -20 dBm -30 dBm -50 dBm -60 dBm -70 dBm | 17.62 dBm 20 dB 100/100 | Offset 7 | 7.62 dB 🍙 | RBW 100 kHz | Mode Auto | FFT | | 2.40186830 | 10 dBm 140 GHz |





| SGL Count 10 9 1Pk Max | | _ | | | _ | | | | |
|--|------------------------------|-----------------------|----------|--------------------------|-----------------------|-----------------|----------------------|----------------------------|--------------------------|
| 10 dBm | | | - | 2 | MI | [1] | | 2. | -3.90 dBn 401650 GHz |
| 0 dBm | | | | | M2 | 2[1] | | | -55.64 dBm 698307 GHz |
| -10 dBm | | | | | | | 1 | 1 | |
| -20 dBm | 1 -21.097 | Bro | | | _ | | | | |
| -30 dBm | 1 -21.057 | abin | | | | | | 1. | |
| -40 dBm | | | 1 | | | | 1 | 1 | |
| -50 dBm | _ | | | | | 1.63 | | | |
| -60 dBm | M | M4 | M | | and an also | million Marine | Anna and and | havenue | and the second second |
| -70 dBm | | and the second second | | Notice State | All and the second of | And built allow | - Andrew Contraction | and and an an and a second | 1 And Anna and |
| | | | 1 | | | | | | |
| -80 dBm Start 30.0 M | Hz | | | 30001 | pts | | | Sto | p 25.0 GHz |
| Marker Type Ref | Tre | X-value | 1 | Y-value | Funct | ion 1 | Fue | ction Resu | lt |
| M1 | 1 | 2,4016 | 55 GHz | -3.90 dBm | 1 | | - un | -110/1 11630 | |
| M2 M3 | 1 | 16.69830 4.98321 | 16 GHz | -55.64 dBm -59.83 dBm | n | | | | |
| | | 7.02076 | | -59.68 dBm -60.35 dBm | | _ | | | |
| M4 M5 | 1 | 9,79992 | 29 GHz | 00.00 000 | | | | | |
| | 1 7 17,78 dBm 20 dB | X. Spui | rious N' | VNT 2-DI | H5 244 Mode A | uto FFT | Ant1 Re | f | ₩ |
| Spectrum Ref Level 1 Att SGL Count 10 | 1 7 17,78 dBm 20 dB | X. Spui | rious N' | VNT 2-DI | H5 244 Mode A | 17.7.3 | Ant1 Re | | |
| M5 Spectrum Ref Level 1 SGL Count 10 9 1Pk Max 10 dBm | 1 7 17,78 dBm 20 dB | X. Spui | rious N' | VNT 2-DI | Mode A | uto FFT | Ant1 Re | | 1.37 dBn |
| Spectrum Ref Level 1 Att SGL Count 11 9 1Pk Max | 1 7 17,78 dBm 20 dB | X. Spui | rious N' | VNT 2-DI | Mode A | uto FFT | Ant1 Re | | 1.37 dBn |
| M5 Spectrum Ref Level 1 SGL Count 10 9 1Pk Max 10 dBm | 1 7 17,78 dBm 20 dB | X. Spui | rious N' | VNT 2-DI | Mode A | uto FFT | Ant1 Re | | 1.37 dBn |
| M5 Spectrum Ref Level 2 Att SGL Count 10 1Pk Max 10 dBm 0 dBm -10 dBm | 1 7 17,78 dBm 20 dB | X. Spui | rious N' | VNT 2-DI | Mode A | uto FFT | Ant1 Re | | 1.37 dBn |
| M5 Spectrum Ref Level 1 Att SGL Count 10 SGL Count 10 IPk Max 10 dBm- 0 dBm- | 1 7 17,78 dBm 20 dB | X. Spui | rious N' | VNT 2-DI | Mode A | uto FFT | Ant1 Re | | 1.37 dBn |
| M5 Spectrum Ref Level 2 Att SGL Count 10 1Pk Max 10 dBm 0 dBm -10 dBm | 1 7 17,78 dBm 20 dB | X. Spui | rious N' | VNT 2-DI | Mode A | uto FFT | Ant1 Re | | 1.37 dBn |
| M5 Spectrum Ref Level 2 SGL Count 10 SGL Count 10 IPk Max 10 dBm 0 dBm -10 dBm -20 dBm | 1 7 17,78 dBm 20 dB | X. Spui | rious N' | VNT 2-DI | Mode A | uto FFT | Ant1 Re | | 1.37 dBn |
| M5 Spectrum Ref Level 3 SGL Count 11 9 1Pk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm | 1 7 17,78 dBm 20 dB | X. Spui | rious N' | VNT 2-DI | Mode A | uto FFT | Ant1 Re | | 1.37 dBn |
| M5 Spectrum Ref Level 3 SGL Count 10 SGL Count 10 IPk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm | 1 7 17,78 dBm 20 dB | X. Spui | rious N' | VNT 2-DI | Mode A | uto FFT | Ant1 Re | | 1.37 dBn |
| M5 Spectrum Ref Level 3 SGL Count 11 9 1Pk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm | 1 7 17,78 dBm 20 dB | X. Spui | rious N' | VNT 2-DI | Mode A | uto FFT | Ant1 Re | | 1.37 dBn |
| M5 Spectrum Ref Level 3 SGL Count 11 SGL Count 11 ID dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm | 1 7 17,78 dBm 20 dB | X. Spui | rious N' | VNT 2-DI | Mode A | uto FFT | Ant1 Re | | 1.37 dBn |
| M5 Spectrum Ref Level 12 Att SGL Count 10 9 1Pk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm | 1 7 17,78 dBm 20 dB | X. Spui | rious N' | VNT 2-DI | Mode A | uto FFT | Ant1 Re | | 1.37 dBn |
| M5 Spectrum Ref Level 3 Att SGL Count 11 9 1Pk Max 10 dBm -10 dBm -20 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm -70 dBm | 1 | X. Spui | rious N' | | H5 244 | uto FFT | Ant1 Re | 2.4410 | 1.37 dBn 055000 GH2 |
| M5 Spectrum Ref Level 1 Att SGL Count 11 IPK Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm | 1 | X. Spui | rious N' | VNT 2-DI | H5 244 | uto FFT | Ant1 Re | 2.4410 | 1.37 dBn |
| M5 Spectrum Ref Level 3 Att SGL Count 11 9 1Pk Max 10 dBm -10 dBm -20 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm -70 dBm | 1 | X. Spui | rious N' | | H5 244 | uto FFT | Ant1 Re | 2.4410 | 1.37 dBn 055000 GH2 |





| ●1Pk Max | 1 | | | | M | 1[1] | | | -3.81 dBn |
|--|------------------------------------|---------|------------------------|--------------------------|--|--|-----------------|-----------------------------|---------------------------|
| 10 dBm- | | | | | M | 2[1] | | 2 | .440770 GH: -52.88 dBn |
| 0 dBm | | | | 1 | | 1 | (| Í I | .743774 GH: |
| -10 dBm | 1 10 500 | dD- | | | | | | | |
| -20 dBm | /1 -18.628 (| 1Bm: | | - | | | - | · · · · · · | |
| -30 dBm | | _ | | | | | | | |
| -40 dBm | | | | | | | | 1 | 1 |
| | MB | M | + MS | | a de ser a billi | a president and any | A dealer we had | a still and stress sections | and an and some |
| -60 dBm | | | and the sum that being | - | and a second | a the state of the | A latin in the | In Color will prove the | the horizon |
| -70 0011 | | | | | | 1.000 | 11 | | |
| Start 30.0 M | 4Hz | | | 3000 | L pts | , | | St | op 25.0 GHz |
| Marker Type Ref | | X-value | | Y-value | Func | tion | Fun | ction Res | ult |
| M1 M2 | 1 | 1,7437 | 77 GHz 74 GHz | -3.81 dB -52.88 dB | m | | | | |
| M3 M4 | 1 | 7.3 | 08 GHz 82 GHz | -59.46 dB -59.35 dB | m | | | | |
| | | 9,7491 | 56 GHz | ~59.63 dB | m | | _ | | 100 |
| M5 | 1 | | | | | | | | 100 |
| Spectrum | 17.60 dBm 20 dB | Offset | 7.60 dB 🖷 🖡 | VNT 2-D | 2 Z Mode | Auto FFT. | Ant1 Re | ef | ₩ |
| Spectrum Ref Level Att SGL Count : IPk Max | 17.60 dBm 20 dB | Offset | 7.60 dB 🖷 🖡 | RBW 100 kH: | 2 Z Mode | | Ant1 Re | | -1.53 dBn 1481480 GH; |
| Spectrum Ref Level Att SGL Count : | 17.60 dBm 20 dB | Offset | 7.60 dB 🖷 🖡 | RBW 100 kH: | 2 z Mode M | Auto FFT. | Ant1 Re | | -1,53 dBn |
| Spectrum Ref Level Att SGL Count : IPk Max | 17.60 dBm 20 dB | Offset | 7.60 dB 🖷 🖡 | RBW 100 kH: | 2 Z Mode | Auto FFT. | Ant1 Re | | -1,53 dBn |
| Spectrum Ref Level Att SGL Count : IPk Max 10 dBm- | 17.60 dBm 20 dB | Offset | 7.60 dB 🖷 🖡 | RBW 100 kH: | 2 z Mode M | Auto FFT. | Ant1 Re | | -1,53 dBn |
| Spectrum Ref Level Att SGL Count : ID dBm 0 dBm -10 dBm | 17.60 dBm 20 dB | Offset | 7.60 dB 🖷 🖡 | RBW 100 kH: | 2 z Mode M | Auto FFT. | Ant1 Re | | -1,53 dBn |
| Spectrum Ref Level Att SGL Count : IPk Max 10 dBm- 0 dBm- | 17.60 dBm 20 dB | Offset | 7.60 dB 🖷 🖡 | RBW 100 kH: | 2 z Mode M | Auto FFT. | Ant1 Re | | -1,53 dBn |
| Spectrum Ref Level Att SGL Count : ID dBm 0 dBm -10 dBm | 17.60 dBm 20 dB | Offset | 7.60 dB 🖷 🖡 | RBW 100 kH: | 2 z Mode M | Auto FFT. | Ant1 Re | | -1,53 dBn |
| Spectrum Ref Level Att SGL Count : ID dBm 0 dBm -10 dBm -20 dBm | 17.60 dBm 20 dB | Offset | 7.60 dB 🖷 🖡 | RBW 100 kH: | 2 z Mode M | Auto FFT. | Ant1 Re | | -1,53 dBn |
| Spectrum Ref Level Att SGL Count I O dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm | 17.60 dBm 20 dB | Offset | 7.60 dB 🖷 🖡 | RBW 100 kH: | 2 z Mode M | Auto FFT. | Ant1 Re | | -1,53 dBn |
| Spectrum Ref Level Att SGL Count : ID dBm 0 dBm -10 dBm -20 dBm -30 dBm | 17.60 dBm 20 dB | Offset | 7.60 dB 🖷 🖡 | RBW 100 kH: | 2 z Mode M | Auto FFT. | Ant1 Re | | -1,53 dBn |
| Spectrum Ref Level Att SGL Count ID dBm 0 dBm -10 dBm -20 dBm -20 dBm -30 dBm | 17.60 dBm 20 dB | Offset | 7.60 dB 🖷 🖡 | RBW 100 kH: | 2 z Mode M | Auto FFT. | Ant1 Re | | -1,53 dBn |
| Spectrum Ref Level Att SGL Count ID dBm 0 dBm -10 dBm -20 dBm -20 dBm -30 dBm -40 dBm | 17.60 dBm 20 dB | Offset | 7.60 dB 🖷 🖡 | RBW 100 kH: | 2 z Mode M | Auto FFT. | Ant1 Re | | -1,53 dBn |
| Spectrum Ref Level Att SGL Count IPk Max 10 dBm 0 dBm -10 dBm -20 dBm -20 dBm -40 dBm -50 dBm -50 dBm -70 dBm | 17.60 dBm 20 dB | Offset | 7.60 dB 🖷 🖡 | RBW 100 kH: | 2 z Mode M | Auto FFT. | Ant1 Re | | -1,53 dBn |
| Spectrum Ref Level Att SGL Count : I D dBm 0 dBm -10 dBm -20 dBm -20 dBm -30 dBm -50 dBm -60 dBm | T 17.60 dBm 20 dB 100/100 | Offset | 7.60 dB 🖷 🖡 | RBW 100 kH: | Z Mode | Auto FFT. | Ant1 Re | 2,480 | -1,53 dBn |
| Spectrum Ref Level Att SGL Count : ID dBm 0 dBm -10 dBm -20 dBm -20 dBm -30 dBm -50 dBm -60 dBm -70 dBm -80 dBm | T 17.60 dBm 20 dB 100/100 | Offset | 7.60 dB 🖷 🖡 | 28 100 kH; 78 300 kH; | Z Mode | Auto FFT. | Ant1 Re | 2,480 | -1,53 dBn 0481480 GH; |
| Spectrum Ref Level Att SGL Count : ID dBm 0 dBm -10 dBm -20 dBm -20 dBm -40 dBm -50 dBm -60 dBm -70 dBm -80 dBm | T 17.60 dBm 20 dB 100/100 | Offset | 7.60 dB 🖷 🖡 | 28 100 kH; 78 300 kH; | Z Mode | Auto FFT. | Ant1 Re | 2,480 | -1.53 dBn 0481480 GH; |





| SGL Count 10 9 1Pk Max | /10 | | | | | | | | |
|---|---------------------------------------|--------------------|-----------------------|--|---------|---------------------------|----------------|-------------------|----------------|
| 10 dBm | | | | | M1 | [1] | | | -2.60 dBm |
| 0 dBm | | | - | | M2 | [1] | | - | 79890 GHz |
| | | | | | 1 | | í — i | 1.7 | 28792 GHz |
| -10 dBm | | | | | | _ | | | |
| the second se | -21,532 | dBm | | | | - | · | | 1 |
| -30 dBm | | | _ | | | | | i i | 1 7 |
| -40 dBm | | _ | | | | | | | 1 |
| -50 dBn | M | M | E N | 15 | 1000 | ush a dec | E | 1 | 1 |
| -60 dBm | and an a state of the state of the | | and the second states | A new particular design of the second se | | and a start of the second | A sub-s, Auto- | Allowing they are | and the second |
| -70 dBm | | | | | | 1 | | | |
| -80 dBm Start 30.0 MH | -lz | | | 30001 | ots | | | Stor | 25.0 GHz |
| Marker | · · · · · · · · · · · · · · · · · · · | | | | | - 2 | ande | | |
| Type Ref M1 | 1 | X-value 2.4798 | 39 GHz | Y-value -2.60 dBm | | on | Func | tion Result | |
| M2 M3 | 1 | 1.72879 4.95075 | | -50.66 dBm -59.46 dBm | | | | | |
| M4 M5 | 1 | 7.38949 | 91 GHz | -60.13 dBm -59.84 dBm | | | | | |
| MIS | r | 9,91140 | DI GH2 | -29,84 UBIN | | | | | |
| Spectrum Ref Level 1 Att SGL Count 10 1Pk Max | 7.62 dBm 20 dB | Offset 7 | .62 dB 🝙 I | VNT 3-DH | | | Ant1 Ref | F | V |
| Ref Level 1 Att SGL Count 10 1Pk Max | 7.62 dBm 20 dB | Offset 7 | .62 dB 🝙 I | RBW 100 kHz | Mode At | | Ant1 Ref | | -3,11 dBm |
| Ref Level 1 Att SGL Count 10 | 7.62 dBm 20 dB | Offset 7 | .62 dB 🝙 I | RBW 100 kHz | Mode At | uto FFT | Ant1 Ref | | |
| Ref Level 1 Att SGL Count 10 1Pk Max | 7.62 dBm 20 dB | Offset 7 | .62 dB 🝙 I | RBW 100 kHz | Mode Au | uto FFT | Ant1 Ref | | -3,11 dBm |
| Ref Level 1 Att SGL Count 10 1Pk Max 10 dBm | 7.62 dBm 20 dB | Offset 7 | .62 dB 🝙 I | RBW 100 kHz | Mode Au | uto FFT | Ant1 Ref | | -3,11 dBm |
| Ref Level 1 Att SGL Count 10 1Pk Max | 7.62 dBm 20 dB | Offset 7 | .62 dB 🝙 I | RBW 100 kHz | Mode Au | uto FFT | Ant1 Ref | | -3,11 dBm |
| Ref Level 1 Att SGL Count 10 1Pk Max 10 dBm | 7.62 dBm 20 dB | Offset 7 | .62 dB 🝙 I | RBW 100 kHz | Mode Au | uto FFT | Ant1 Ref | | -3,11 dBm |
| Ref Level 1 Att SGL Count 10 1Pk Max 10 dBm 0 dBm -10 dBm -20 dBm | 7.62 dBm 20 dB | Offset 7 | .62 dB 🝙 I | RBW 100 kHz | Mode Au | uto FFT | Ant1 Ref | | -3,11 dBm |
| Ref Level 1 Att SGL Count 10 ID dBm 0 dBm -10 dBm -20 dBm -30 dBm | 7.62 dBm 20 dB | Offset 7 | .62 dB 🝙 I | RBW 100 kHz | Mode Au | uto FFT | Ant1 Ref | | -3,11 dBm |
| Ref Level 1 Att SGL Count 10 1Pk Max 10 dBm 0 dBm -10 dBm -20 dBm | 7.62 dBm 20 dB | Offset 7 | .62 dB 🝙 I | RBW 100 kHz | Mode Au | uto FFT | Ant1 Ref | | -3,11 dBm |
| Ref Level 1 Att SGL Count 10 ID dBm 0 dBm -10 dBm -20 dBm -30 dBm | 7.62 dBm 20 dB | Offset 7 | .62 dB 🝙 I | RBW 100 kHz | Mode Au | uto FFT | Ant1 Ref | | -3,11 dBm |
| Ref Level 1 Att SGL Count 10 • IPk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm | 7.62 dBm 20 dB | Offset 7 | .62 dB 🝙 I | RBW 100 kHz | Mode Au | uto FFT. | Ant1 Ref | | -3,11 dBm |
| Ref Level 1 Att SGL Count 10 ID dBm 0 dBm -10 dBm -20 dBm -30 dBm | 7.62 dBm 20 dB | Offset 7 | .62 dB 🝙 I | RBW 100 kHz | Mode Au | uto FFT. | Ant1 Ref | | -3,11 dBm |
| Ref Level 1 Att SGL Count 10 • IPk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm | 7.62 dBm 20 dB | Offset 7 | .62 dB 🝙 I | RBW 100 kHz | Mode Au | uto FFT. | Ant1 Ref | | -3,11 dBm |
| Ref Level 1 Att SGL Count 10 • IPk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm | 7.62 dBm 20 dB | Offset 7 | .62 dB 🝙 I | RBW 100 kHz | Mode Au | uto FFT. | Ant1 Ref | | -3,11 dBm |
| Ref Level 1 Att SGL Count 10 • IPk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm | 7.62 dBm 20 dB 0/100 | Offset 7 | .62 dB 🝙 I | RBW 100 kHz | Mode Au | uto FFT. | Ant1 Ref | 2.40202 | -3,11 dBm |
| Ref Level 1 Att SGL Count 10 • IPk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm | 7.62 dBm 20 dB 0/100 | Offset 7 | .62 dB 🝙 I | RBW 100 kHz | Mode Au | uto FFT. | Ant1 Ref | 2.40202 | -3,11 dBm |
| Ref Level 1 Att SGL Count 10 IPk Max 10 dBm -10 dBm -20 dBm -30 dBm -50 dBm -60 dBm -70 dBm | 7.62 dBm 20 dB 0/100 | Offset 7 | .62 dB 🝙 I | RBW 100 kHz | Mode Au | uto FFT. | Ant1 Ref | 2.40202 | -3,11 dBm |





| | | _ | | - I | M | 1[1] | | | -2.49 dBm |
|--|------------|---------|-----------------------------|--------------------------|----------------------------------|------------|--------------------|-------------------|--------------------------|
| 10 dBm | | | | | | 2[1] | | | 401650 GHz -47.72 dBm |
| 0 dBm | | | | - | _ | | () | | 709649 GHz |
| -10 dBm | | | | | - | | | | |
| | 01 -23.112 | dBm- | 1 | - | | | - | | 1 |
| -30 dBm | | | | | | | 1 | | |
| -40 dBm | | - | | | | | | _ | |
| -60 dBn | M | M4 | MS | In the start of the | and the lot of the second second | Harn Roter | de and the de days | Let un el ante | Auto append |
| -70 dBm | | | and the second statement of | | | | | the second second | |
| -80 dBm | | | | | | | | | |
| Start 30.0 Marker | MHz | | | 30001 | pts | | | Sto | p 25.0 GHz |
| Type Ref | Trc 1 | X-value | 55 GHz | Y-value -2.49 dBm | Func | ion | Func | ion Resul | t 1 |
| M2 M3 | 1 | 1.7096 | 49 GHz | -47.72 dBm -59.58 dBm | | | | | |
| M4 M5 | 1 | 7.01910 | D3 GHz | -59.09 dBm -59.34 dBm | 1 | | | | |
| | T | 210001 | | optor dom | - | 1 | (11) | | 6 |
| 10 dBm | | | | | M | L[1] | n 1 | 2.4410 | -1,11 dBm 384470 GHz |
| | | | - | | MI | | | | |
| 0 dBm | - | | and the second second | | 1 miles | | - | | 1 |
| | | | | | | ~ | | | - |
| -10 dBm | | | | | | ~ | | | |
| | | | | | | ~ | | | |
| -10 dBm -20 dBm | | | | | | | | | |
| -10 dBm -20 dBm | | | | | | | | | |
| -10 dBm -20 dBm -30 dBm -40 dBm | | | | | | | | | |
| -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm | | | | | | | | | |
| -10 dBm -20 dBm -30 dBm -40 dBm | | | | | | | | | |
| -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm | | | | | | | | | |
| -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm | | | | | | | | | |
| -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm | Hz | | | 30001 | pts | | | Spe | an 1.5 MHz |
| -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm -80 dBm | Hz T | | | 30001 | pts | | | Spe | an 1.5 MHz |





| 1Pk Max | - 1 | | 1 | 1 | M | 1[1] | | | -0.76 dBm |
|---|------------------------------|-------------------|--------------------------------|----------------------------|-------------|-------------|---------------|----------------------------|--------------------------|
| 10 dBm | | | | | _ | | | | 440770 GHz |
| 0 dBm | | 1 | | | IVI | 2[1] | 1 | | -41.32 dBn 509401 GHz |
| -10 dBm | | | | | | | | | |
| | 1 -21,114 | dBm | | | _ | | | 1 | 1 2 |
| -30 dBm | Y | | | | | | | | |
| -40 dBm | | | | | | | | 1 | |
| -60 dBn | M | B M | 14 M | | a colabiana | Allen Allen | والمناجب والم | Hereise Hilsto | a desidence of the |
| -70 dBm | | | | | Local Local | | | "Marine subjection and the | |
| | | | | | | | | | |
| Start 30.0 M Marker | IHz | | | 30001 (| ots | | | Sto | p 25.0 GHz |
| Type Ref | Trc 1 | X-valu 2.440 | e | Y-value -0.76 dBm | Func | tion | Fun | ction Resul | t |
| M2 M3 | 1 | 2.6094 | 401 GHz 395 GHz | -41.32 dBm -59.44 dBm | - | | | | |
| M4 | 1 | 7.3162 | 246 GHz 401 GHz | -59.49 dBm -58.89 dBm | | | | | |
| ME | 1 | | | 30,09 GDIII | | | | | |
| Spectrum Ref Level Att SGL Count 1 1Pk Max | 17.60 dBm 20 dB | Tx. Spu offset | Irious N 7.60 dB - 1 | VNT 3-DH | Mode / | Auto FFT | | f | -1,25 dBm |
| Spectrum Ref Level Att SGL Count 1 | 17.60 dBm 20 dB | Tx. Spu offset | Irious N 7.60 dB - 1 | RBW 100 kHz | Mode / | | | | -1,25 dBm 312010 GH: |
| Spectrum Ref Level Att SGL Count 1 IPk Max | 17.60 dBm 20 dB | Tx. Spu offset | Irious N 7.60 dB - 1 | RBW 100 kHz | Mode / | Auto FFT | | | -1,25 dBm |
| Spectrum Ref Level Att SGL Count 1 IPk Max 10 dBm 0 dBm | 17.60 dBm 20 dB | Tx. Spu offset | Irious N 7.60 dB - 1 | RBW 100 kHz /BW 300 kHz | Mode / | Auto FFT | | | -1,25 dBm |
| Spectrum Ref Level Att SGL Count 1 1Pk Max 10 dBm- | 17.60 dBm 20 dB | Tx. Spu offset | Irious N 7.60 dB - 1 | RBW 100 kHz /BW 300 kHz | Mode / | Auto FFT | | | -1,25 dBm |
| Spectrum Ref Level Att SGL Count 1 IPk Max 10 dBm 0 dBm | 17.60 dBm 20 dB | Tx. Spu offset | Irious N 7.60 dB - 1 | RBW 100 kHz /BW 300 kHz | Mode / | Auto FFT | | | -1,25 dBm |
| Spectrum Ref Level Att SGL Count 1 PIPk Max 10 dBm 0 dBm -10 dBm | 17.60 dBm 20 dB | Tx. Spu offset | Irious N 7.60 dB - 1 | RBW 100 kHz /BW 300 kHz | Mode / | Auto FFT | | | -1,25 dBm |
| Spectrum Ref Level Att SGL Count 1 10 dBm 0 dBm -10 dBm -20 dBm | 17.60 dBm 20 dB | Tx. Spu offset | Irious N 7.60 dB - 1 | RBW 100 kHz /BW 300 kHz | Mode / | Auto FFT | | | -1,25 dBm |
| Spectrum Ref Level Att SGL Count 1 I D dBm 0 dBm -10 dBm -20 dBm -20 dBm -20 dBm -20 dBm | 17.60 dBm 20 dB | Tx. Spu offset | Irious N 7.60 dB - 1 | RBW 100 kHz /BW 300 kHz | Mode / | Auto FFT | | | -1,25 dBm |
| Spectrum Ref Level Att SGL Count 1 I dBm 0 dBm -10 dBm -20 dBm -20 dBm -30 dBm -50 dBm | 17.60 dBm 20 dB | Tx. Spu offset | Irious N 7.60 dB - 1 | RBW 100 kHz /BW 300 kHz | Mode / | Auto FFT | | | -1,25 dBm |
| Spectrum Ref Level Att SGL Count 1 I dBm 0 dBm -10 dBm -20 dBm -20 dBm -20 dBm -40 dBm | 17.60 dBm 20 dB | Tx. Spu offset | Irious N 7.60 dB - 1 | RBW 100 kHz /BW 300 kHz | Mode / | Auto FFT | | | -1,25 dBm |
| Spectrum Ref Level Att SGL Count 1 PIPk Max 10 dBm 0 dBm -10 dBm -20 dBm -20 dBm -30 dBm -50 dBm | 17.60 dBm 20 dB | Tx. Spu offset | Irious N 7.60 dB - 1 | RBW 100 kHz /BW 300 kHz | Mode / | Auto FFT | | | -1,25 dBm |
| Spectrum Ref Level Att SGL Count 1 PIPk Max 10 dBm 0 dBm -10 dBm -20 dBm -20 dBm -30 dBm -50 dBm -60 dBm | 17.60 dBm 20 dB | Tx. Spu offset | Irious N 7.60 dB - 1 | RBW 100 kHz /BW 300 kHz | Mode / | Auto FFT | | | -1,25 dBm |
| Spectrum Ref Level Att SGL Count 1 PIPk Max 10 dBm -10 dBm -10 dBm -20 dBm -20 dBm -30 dBm -50 dBm -60 dBm -70 dBm | 17.60 dBm 20 dB 00/100 | Tx. Spu offset | Irious N 7.60 dB - 1 | RBW 100 kHz /BW 300 kHz | Mode | Auto FFT | | 2.4799 | -1,25 dBm |
| Spectrum Ref Level Att SGL Count 1 IPk Max ID dBm 0 dBm -10 dBm -20 dBm -20 dBm -40 dBm -50 dBm -60 dBm -70 dBm -70 dBm | 17.60 dBm 20 dB 00/100 | Tx. Spu offset | Irious N 7.60 dB - 1 | RBW 100 kHz /BW 300 kHz | Mode | Auto FFT | | 2.4799 | -1,25 dBn 812010 GH2 |





| | rum | | | | | | | | |
|---------|---------------------|--------------------|----------------------|--|-------------------------------------|-----------------------|---|--|--|
| Ref L | evel : | 17.60 0 | dBm Offset 7.60 c | 18 🔳 RBW 100 kHz | 11.2018/01 | | | | |
| Att | | 20 | dB SWT 250 m | ns 💿 VBW 300 kHz | Mode Auto Sw | еер | | | |
| SGL Co | unt 3 | 0/30 | | | | | | | |
| 1Pk M | ax | - | | | | | | | |
| | | | | | M1[1] | | -4.03 dBm | | |
| 10 dBm | - | | | | | | 2.479890 GHz | | |
| - 10 | MIT | | | | M2[1] | | -55.42 dBr | | |
| 0 dBm- | 1 | | | | | 1 | 22.791820 GHz | | |
| -10 dBn | | _ | | | | | | | |
| | | | | | | | | | |
| -20 dBn | 1-D | 1 -21.2 | 251 dBm | | | | | | |
| | | | | | | | | | |
| -30 dBn | 1 | | | | | | | | |
| -40 dBn | | | | | | | | | |
| 10 40. | | | | | | | | | |
| -50 dBn | 1- | | | | | | 112 | | |
| 10.10 | | | MB M4 | MS . | The second second | And Bridge a property | and a state the second of the | | |
| -60 dBn | takin ber | stated into a line | | the second s | and the second second second second | Completion Address | the second state of the second state of the | | |
| -70 dBn | | | 11 P. L. L. P. P. S. | | 1211 | | | | |
| 10 000 | | | | | | | | | |
| -80 dBn | | _ | | | | | | | |
| Start 3 | 0.0 M | Hz | | 30001 p | ts | | Stop 25.0 GHz | | |
| Marker | | | | | | | | | |
| Type | Ref Trc X-value | | X-value | Y-value | Function | Funct | ion Result | | |
| M1 | 1 | 1 | 2.47989 GH | | | | | | |
| M2 | | 1 | 22.79182 GH | | | | | | |
| M3 | _ | 1 | 4.987377 GH | | | | | | |
| M4 1 | | 1 | 7.325402 GH | iz -59.61 dBm | | | | | |

END OF REPORT