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FCC TEST REPORT

| Application No: | ZR/2020/10013 | | |
|-------------------------|---|--|--|
| Applicant: | Lenovo(Shanghai) Electronics Technology Co., Ltd. | | |
| Address of Applicant: | Section 304-305, Building No. 4, # 222, Meiyue Road, China (Shanghai) Pilot Free Trade Zone | | |
| Manufacturer: | Lenovo PC HK Limited | | |
| Address of Manufacturer | 23/F, Lincoln House, Taikoo Place 979 King's Road, Quarry Bay, Hong Kong P.R.China | | |
| EUT Description: | Portable Tablet Computer | | |
| Model No.: | Lenovo TB-X606FA | | |
| Trade Mark: | Lenovo | | |
| FCC ID: | O57TBX606F | | |
| Standards: | 47 CFR FCC Part 2, Subpart J 47 CFR Part 15, Subpart C | | |
| Test Method: | KDB558074 D01 15.247 Meas Guidance v05r02 | | |
| rest method. | ANSI C63.10 (2013) | | |
| Date of Receipt: | 2019/11/9 | | |
| Date of Test: | 2019/11/10 to 2019/11/21 | | |
| Date of Issue: | 2020/1/15 | | |
| Test Result: | PASS * | | |

.* In the configuration tested, the EUT complied with the standards specified above.

Derde yang

Derek Yang Wireless Laboratory Manager



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1 Version

| Revision Record | | | | | | | | |
|--|--|-----------|--|----------|--|--|--|--|
| Version Chapter Date Modifier Remark | | | | | | | | |
| 00 | | 2020/1/15 | | Original | | | | |
| | | | | | | | | |
| | | | | | | | | |

| Authorized for issue by: | | |
|--------------------------|--|-----------|
| Tested By | Mike Mu (Mike Hu) /Project Engineer | 2020/1/15 |
| Checked By | Dand Chen (David Chen) / Reviewer | 2020/1/15 |



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Remark:

| Battery | | | | | |
|-------------------------|----------------|------------------|--|--|--|
| Battery1 | Lenovo(SCUD) | L19D1P32 | 3.86V; 5000mAh/19.3Wh/1cell | | |
| Battery2 | Lenovo(ATL) | L19D1P32 | 3.86V; 5000mAh/19.3Wh/1cell | | |
| | L | JSB Cable | | | |
| USB Cable1 | Lenovo(LiQi) | - | 1.0m shielded cable without core | | |
| USB Cable2 | Lenovo(Saibao) | - | 1.0m shielded cable without core | | |
| | | Adapter | | | |
| Adapter1 (US) | Lenovo(Salom) | SC-41 | I/P: 100-240 Vac, 300mA ,50/60HZ O/P: 5Vdc 2000mA | | |
| Adapter2 (US) | Lenovo(Acbel) | SC-41 | I/P: 100-240 Vac, 300mA ,50/60HZ O/P: 5Vdc 2000mA | | |
| | Smart (| Charging Station | | | |
| Smart Charging Station1 | Lenovo | Lenovo CD-100 | I/P: 5Vdc 2000mA O/P: 5Vdc 2000mA | | |
| | Lenov | vo Smart Dock | | | |
| Lenovo Smart Dock | Lenovo | LenovoHA-200 | I/P: 12V 2A O/P: 5V 1.5A | | |

There were no difference between Lenovo TB-X606FA and Lenovo TB-X606F, but only Smart Charging Station and Lenovo Smart Dock added on Lenovo TB-X606FA.

According to the difference above, there were no test on Lenovo TB-X606FA, the data of Lenovo TB-X606FA were copied from the report of Lenovo TB-X606F (Report No.: ZR/2019/A002602), and the worst case RSE data displayed in this report.



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2 Test Summary

| Test Item | Test Requirement | Test method | Test Result | Result |
|---|-------------------------|------------------|-------------|--------|
| AC Power Line Conducted Emission | 15.207 | ANSI C63.10 2013 | Clause 4.2 | PASS |
| Duty Cycle | | | Clause 4.3 | PASS |
| Conducted Output Power | 15.247 (b)(3) | ANSI C63.10 2013 | Clause 4.4 | PASS |
| DTS (6 dB) Bandwidth & 99% Occupied Bandwidth | 15.247 (a)(2) | ANSI C63.10 2013 | Clause 4.5 | PASS |
| Power Spectral Density | 15.247 (e) | ANSI C63.10 2013 | Clause 4.6 | PASS |
| Band-edge for RF Conducted Emissions | 15.247(d) | ANSI C63.10 2013 | Clause 4.7 | PASS |
| RF Conducted Spurious Emissions | 15.247(d) | ANSI C63.10 2013 | Clause 4.8 | PASS |
| Radiated Spurious Emissions | 15.247(d);15.205/15.209 | ANSI C63.10 2013 | Clause 4.9 | PASS |
| Restricted bands around fundamental frequency (Radiated Emission) | 15.247(d);15.205/15.209 | ANSI C63.10 2013 | Clause 4.10 | PASS |



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| 5 | MEASUREMENT UNCERTAINTY (95% CONFIDENCE LEVELS, K=2) | |
| 6 | EQUIPMENT LIST | |
| 7 | PHOTOGRAPHS - EUT CONSTRUCTIONAL DETAILS | |



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3 General Information

3.1 Client Information

| Applicant: | Lenovo(Shanghai) Electronics Technology Co., Ltd. | | | | |
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| Address of Applicant: | Section 304-305, Building No. 4, # 222, Meiyue Road, China (Shanghai) Pilot Free Trade Zone | | | | |
| Manufacturer: | Lenovo PC HK Limited | | | | |
| Address of Manufacturer: | 23/F, Lincoln House, Taikoo Place 979 King's Road, Quarry Bay, Hong Kong P.R.China | | | | |

3.2 Test Location

| Company: | SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch |
|------------|--|
| Address: | No. 1 Workshop, M-10, Middle section, Science & Technology Park, Shenzhen, Guangdong, China |
| Post code: | 518057 |
| Telephone: | +86 (0) 755 2601 2053 |
| Fax: | +86 (0) 755 2671 0594 |
| E-mail: | ee.shenzhen@sgs.com |

3.3 Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

• CNAS (No. CNAS L2929)

CNAS has accredited SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch EMC Lab to ISO/IEC 17025:2005 General Requirements for the Competence of Testing and Calibration Laboratories (CNAS-CL01 Accreditation Criteria for the Competence of Testing and Calibration Laboratories) for the competence in the field of testing.

• A2LA (Certificate No. 3816.01)

SGS-CSTC Standards Technical Services Co., Ltd., Shenzhen EMC Laboratory is accredited by the American Association for Laboratory Accreditation(A2LA). Certificate No. 3816.01.

• VCCI

The 3m Fully-anechoic chamber for above 1GHz, 10m Semi-anechoic chamber for below 1GHz, Shielded Room for Mains Port Conducted Interference Measurement and Telecommunication Port Conducted Interference Measurement of SGS-CSTC Standards Technical Services Co., Ltd. have been registered in accordance with the Regulations for Voluntary Control Measures with Registration No.: G-20026, R-14188, C-12383 and T-11153 respectively.

• FCC –Designation Number: CN1178

SGS-CSTC Standards Technical Services Co., Ltd., Shenzhen EMC Laboratory has been recognized as an accredited testing laboratory.

Designation Number: CN1178. Test Firm Registration Number: 406779.

Industry Canada (IC)

Two 3m Semi-anechoic chambers and the 10m Semi-anechoic chamber of SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch EMC Lab have been registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No.: 4620C-1, 4620C-2, 4620C-3.



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| EUT Description: | Portable Tablet Computer | | | | |
|------------------------------------|---|--|--|--|--|
| Model No.: | Lenovo TB-X606FA | | | | |
| Trade Mark: | Lenovo | | | | |
| Hardware Version: | enovo Tablet TB-X606FA | | | | |
| Software Version: | TB-X606F_RF01_200115 | | | | |
| IEEE 802.11 WLAN Mode Supported | 802.11B (20 MHz channel bandwidth), | | | | |
| Operation Frequency: | 2400 MHz -2483.5MHz fc = 2407 MHz + N * 5 MHz, where: -fc = "Operating Frequency" in MHz, -N = "Channel Number" with the range from 1 to 11 for the 20 MHz channel bandwidth, or 3 to 9 for the 40 MHz channel bandwidth. | | | | |
| Type of Modulation: | IEEE for 802.11B: DSSS IEEE for 802.11G : OFDM IEEE for 802.11N(HT20) : OFDM | | | | |
| Sample Type: | Portable Device, Module | | | | |
| Antenna Type: | ☐ External, ⊠ Integrated | | | | |
| Antenna Ports | 🖂 Ant 1, 🗌 Ant 2, 🗌 Ant 3 | | | | |
| Smart System | □ SISO (for 802.11B/G/N), □ MIMO (for 802.11N): 2 Tx & 2 Rx, □ Diversity (for 802.11B/G) : Tx & Rx | | | | |
| Antenna Gain: | 0.43dBi | | | | |
| Power Supply | AC/DC Adapter; Battery PoE:; Other: | | | | |

3.4 General Description of EUT

| Operation Frequency of each channel (802.11B/G/N HT20) | | | | | | | |
|---|---------|---|---------|---|---------|----|---------|
| Channel Frequency Channel Frequency Channel Frequency Channel Frequen | | | | | | | |
| 1 | 2412MHz | 4 | 2427MHz | 7 | 2442MHz | 10 | 2457MHz |
| 2 | 2417MHz | 5 | 2432MHz | 8 | 2447MHz | 11 | 2462MHz |
| 3 | 2422MHz | 6 | 2437MHz | 9 | 2452MHz | | |

Remark:

In section 15.31(m), regards to the operating frequency range over 10 MHz, the Lowest frequency, the middle frequency, and the highest frequency of channel were selected to perform the test, and the selected channel see below:

| Channel | Frequency for 802.11B/G/N (HT20) | Frequency for 802.11N (HT40) |
|--------------------|----------------------------------|------------------------------|
| The Lowest channel | 2412MHz | 2422MHz |
| The Middle channel | 2437MHz | 2437MHz |



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| The Highest channel | 2462MHz | 2452MHz |
|---------------------|---------|---------|

3.5 Test Environment and Mode

| Operating Environment: | | | | | | | |
|------------------------|--|--|--|--|--|--|--|
| Temperature: | 25.0 °C | | | | | | |
| Humidity: | 50 % RH | | | | | | |
| Atmospheric Pressure: | 101.30 KPa | | | | | | |
| Test mode: | | | | | | | |
| Transmitting mode: | Keep the EUT in transmitting mode with all kind of modulation and all kind of data rate. | | | | | | |

3.6 Description of Support Units

The EUT has been tested independent unit.

4 Test results and Measurement Data

4.1 Antenna Requirement

| Standard requirement: | 47 CFR Part 15C Section 15.203 /247(c) |
|-----------------------|--|
|-----------------------|--|

15.203 requirement:

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

15.247(b) (4) requirement:

The conducted output power limit specified in paragraph (b) of this section is based on the use of antennas with directional gains that do not exceed 6 dBi. Except as shown in paragraph (c) of this section, if transmitting antennas of directional gain greater than 6 dBi are used, the conducted output power from the intentional radiator shall be reduced below the stated values in paragraphs (b)(1), (b)(2), and (b)(3) of this section, as appropriate, by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

The antenna is integrated on the main PCB and no consideration of replacement. The best case gain of the antenna is 0.43dBi.



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| Test Requirement: | 47 CFR Part 15C Section 15 | 5.207 | | | | |
|-----------------------|---|----------------------|-----------|--|--|--|
| Test Method: | ANSI C63.10: 2013 | | | | | |
| Test Frequency Range: | 150kHz to 30MHz | | | | | |
| | | BuV) | | | | |
| | Frequency range (MHz) | Quasi-peak | Average | | | |
| | 0.15-0.5 | 66 to 56* | 56 to 46* | | | |
| Limit: | 0.5-5 | 56 | 46 | | | |
| | 5-30 | 60 | 50 | | | |
| | * Decreases with the logarith | nm of the frequency. | | | | |
| Test Procedure: | * Decreases with the logarithm of the frequency. 1) The mains terminal disturbance voltage test was conducted in a shielded room. 2) The EUT was connected to AC power source through a LISN 1 (Line Impedance Stabilization Network) which provides a 50Ω/50µH + 5Ω linear impedance. The power cables of all other units of the EUT were connected to a second LISN 2, which was bonded to the ground reference plane in the same way as the LISN 1 for the unit being measured. A multiple socket outlet strip was used to connect multiple power cables to a single LISN provided the rating of the LISN was not exceeded. 3) The tabletop EUT was placed upon a non-metallic table 0.8m above the ground reference plane. And for floor-standing arrangement, the EUT was placed on the horizontal ground reference plane, 4) The test was performed with a vertical ground reference plane. The rear of the EUT shall be 0.4 m from the vertical ground reference plane. The vertical ground reference plane was bonded to the horizontal ground reference plane. The LISN 1 was placed 0.8 m from the boundary of the unit under test and bonded to a ground reference plane for LISNs mounted on top of the ground reference plane. This distance was between the closest points of the LISN 1 and the EUT. All other units of the EUT and associated equipment was at least 0.8 m from the LISN 2. 5) In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to | | | | | |

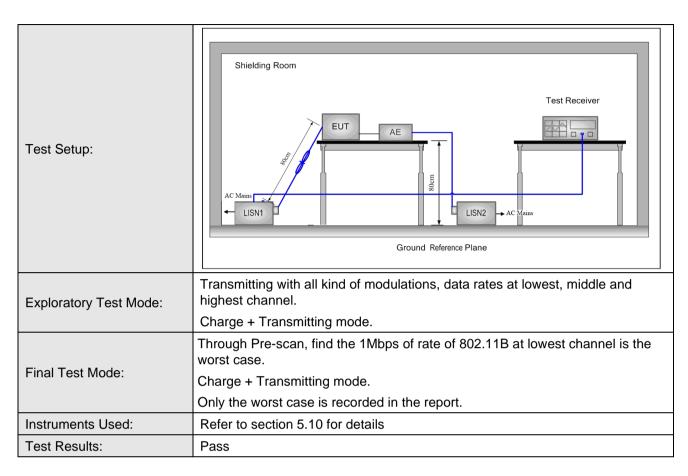
4.2 AC Power Line Conducted Emissions



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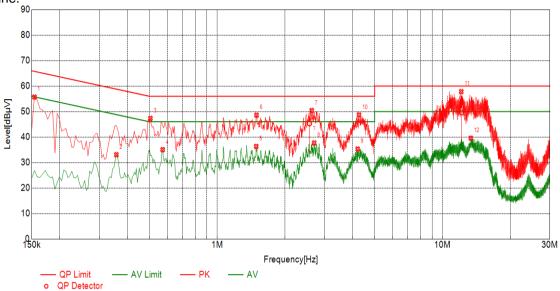
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Measurement Data

An initial pre-scan was performed on the live and neutral lines with peak detector.

Quasi-Peak and Average measurement were performed at the frequencies with maximized peak emission

were detected. Live Line:



Test Graph

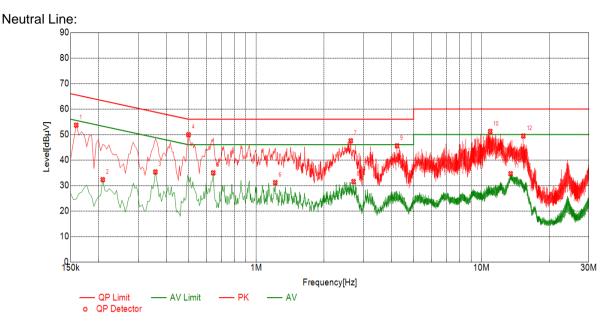
| | Suspected List | | | | | | | | |
|-----|----------------|-------------|------------|-------------|------------|----------|------|--|--|
| NO. | Freq.[MHz] | Level[dBµV] | Factor[dB] | Limit[dBµV] | Margin[dB] | Detector | Туре | | |
| 1 | 0.1545 | 55.68 | 10.10 | 65.75 | 10.07 | PK | L | | |
| 2 | 0.3570 | 33.06 | 10.10 | 48.80 | 15.74 | AV | L | | |
| 3 | 0.5055 | 47.32 | 10.10 | 56.00 | 8.68 | PK | L | | |
| 4 | 0.5730 | 35.05 | 10.10 | 46.00 | 10.95 | AV | L | | |
| 5 | 1.4910 | 36.32 | 10.10 | 46.00 | 9.68 | AV | L | | |
| 6 | 1.4955 | 48.60 | 10.10 | 56.00 | 7.40 | PK | L | | |
| 7 | 2.6295 | 50.41 | 10.10 | 56.00 | 5.59 | PK | L | | |
| 8 | 2.6970 | 37.68 | 10.10 | 46.00 | 8.32 | AV | L | | |
| 9 | 4.2045 | 35.29 | 10.10 | 46.00 | 10.71 | AV | L | | |
| 10 | 4.2630 | 48.69 | 10.10 | 56.00 | 7.31 | PK | L | | |
| 11 | 12.1245 | 57.81 | 10.10 | 60.00 | 2.19 | PK | L | | |
| 12 | 13.3710 | 39.54 | 10.11 | 50.00 | 10.46 | AV | L | | |



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Test Graph

| Suspected List | | | | | | | |
|----------------|------------|------------------------|-------|-----------------|----------------|----------|------|
| NO. | Freq.[MHz] | eq.[MHz] Level[dBµ Fac | | Limit[dBµV] | Margin[dB] | Detector | Туре |
| 1 | 0.1590 | 53.66 | 10.10 | 65.52 | 11.86 | PK | N |
| 2 | 0.2085 | 32.28 | 10.10 | 53.26 | 20.98 | AV | N |
| 3 | 0.3570 | 35.30 | 10.10 | 48.80 | 13.50 | AV | N |
| 4 | 0.5010 | 49.91 | 10.10 | 56.00 | 6.09 | PK | N |
| 5 | 0.6450 | 34.96 | 10.10 | 46.00 | 11.04 | AV | N |
| 6 | 1.2165 | 31.13 | 10.10 | 46.00 | 14.87 | AV | N |
| 7 | 2.6295 | 47.50 | 10.10 | 56.00 | 8.50 | PK | N |
| 8 | 2.7060 | 31.54 | 10.10 | 46.00 | 14.46 | AV | N |
| 9 | 4.2225 | 45.57 | 10.10 | 56.00 | 10.43 | PK | N |
| 10 | 10.9410 | 51.21 | 10.10 | 60.00 | 8.79 | PK | N |
| 11 | 13.4790 | 34.61 | 10.11 | 50.00 | 15.39 | AV | N |
| 12 | 15.3510 | 49.42 | 10.11 | 60.00 | 10.58 | PK | Ν |

Remarks:

- 1. The following Quasi-Peak and Average measurements were performed on the EUT:
- 2. Final Test Level = Receiver Reading + LISN Factor + Cable Loss.



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邮编: 518057 t (86-755) 26012053 f (86-755) 26710594

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4.3 Duty Cycle

| Test Mode | TX Freq. [MHz] | Duty cycle [%] |
|-----------|----------------|----------------|
| 11B | Ant 1: CH1 | 99.76 |
| 11G | Ant 1: CH1 | 97.05 |
| 11N20 | Ant 1: CH1 | 98.27 |

4.3.1 Test Plots

4.3.1.1 ANT1

4.3.1.1.1 11B

| 5957 ms | AC | | SENSE | INT | Ava | ALIGN OFF | | M Jan 01, 1988 CE 123456 | Marker |
|----------|----------------|--------------|---|--|--|----------------|--|--|---|
| .5557 ms | | | Trig: Free R #Atten: 30 d | | | | TY | PE M WWWWWW | Select Marker |
| | m | | | | | | Mkr3 14 9.9 | 4.60 ms 16 dBm | 3 |
| | 1 | | | <u></u> | 3 | | | | |
| | | | | | | | | | Norma |
| | | | | | | | | | |
| | | | | | | | | | Delt |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | Fixed |
| | | | | | | | | | |
| | 2 | #VBW | 1.0 MHz | | | Sweep 2 | ء 5.07 ms (| 2001 pts) | Of |
| | × 6.404 | | Y 0.04E.dDw | | TION | FUNCTION WIDTH | FUNCTI | ON VALUE | |
| | 14.58 | ms | 9.927 dBm | | | | | | |
| | 14.00 | | 9.910 UBII | | | | | | Properties |
| | | | | | | | | | |
| | | | | | | | | | Мо |
| | | | | | | | | | 1 of |
| | | | Ш | | | | | <u>></u> | |
| | ef Offset 1 dB | PNO IFGai | PNO: Fast ↔ IFGain:Low ef Offset 1 dB ef 21.00 dBm | PNO: Fast ↔ /rig: Pree Ri // // #Atten: 30 df ef Offset 1 dB ef 21.00 dBm // // // // // // // // // // // // // | PNO: Fast → Trig: Free Run #Atten: 30 dB ef Offset 1 dB ef 21.00 dBm 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | PNO: Fast | PN0: Fast Fright Pree Run #Atten: 30 dB Avg Hold: 1/1 ef Offset1 dB ef 21.00 dBm 1 3 i 1 3 i 1 3 i 1 3 i 1 3 i 1 3 i 1 3 i 1 3 i 1 3 i 1 3 i 1 3 i 1 3 i 1 1 | PN0: Fast Fright Prekun Avg Hold: 1/1 Mitra 1 ef Offset1 dB 9.9 ef 21.00 dBm 9.9 1 3 1 3 1 3 1 3 1 3 1 1 | PNO: Fast IFGain:Low #Atten: 30 dB Avgirloid: 1/1 Proceedings of Offset 1 dB 9.916 dBm 9.916 d |

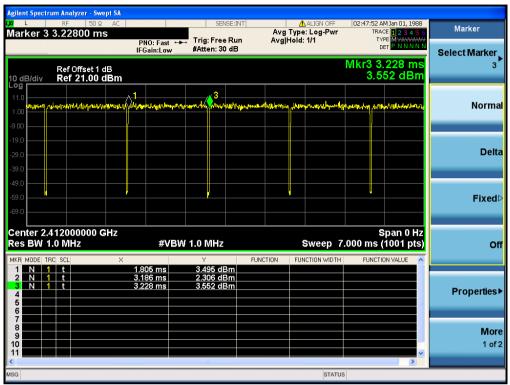


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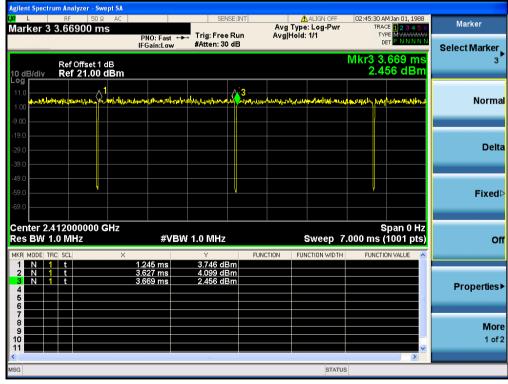


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4.3.1.1.2 11G



4.3.1.1.3 11N20





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| Test Requirement: | 47 CFR Part 15C Section 15.247 (b)(3) | | | | | |
|------------------------|--|--|--|--|--|--|
| Test Method: | ANSI C63.10 :2013 Section 11.9.1.3 | | | | | |
| Test Setup: | POWER METER E.U.T Non-Conducted Table Ground Reference Plane | | | | | |
| Test Instruments: | Refer to section 5.10 for details | | | | | |
| Exploratory Test Mode: | Transmitting with all kind of modulations, data rates | | | | | |
| | Through Pre-scan, find the | | | | | |
| Final Test Made | 1Mbps of rate is the worst case of 802.11B; | | | | | |
| Final Test Mode: | 6Mbps of rate is the worst case of 802.11G; | | | | | |
| | 6.5Mbps of rate is the worst case of 802.11N(HT20); | | | | | |
| Limit: | 30dBm | | | | | |
| Test Results: | Pass | | | | | |

4.4 Conducted Output Power





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4.4.1 Test Results

Measurement Data of Average Power:

| Mode | Test Channel | Average Output Power (dBm) [Duty Cycle Considered] | Result |
|-----------|--------------|---|---------------------|
| 802.11B | Lowest | 17.19 | Report purpose only |
| | Middle | 17.41 | Report purpose only |
| | Highest | 17.08 | Report purpose only |
| | Lowest | 15.95 | Report purpose only |
| 802.11G | Middle | 16.04 | Report purpose only |
| | Highest | 15.77 | Report purpose only |
| 802.11N20 | Lowest | 12.99 | Report purpose only |
| | Middle | 16.12 | Report purpose only |
| | Highest | 12.79 | Report purpose only |

Measurement Data of Peak Power:

| Mode | Test Channel | Peak Output Power (dBm) | Limit (dBm) | Result |
|-----------|--------------|-------------------------|----------------|--------|
| | Lowest | 17.56 | 30.00 | Pass |
| 802.11B | Middle | 21.50 | 30.00 | Pass |
| 0021112 | Highest | 21.04 | 30.00 | Pass |
| 802.11G | Lowest | 21.39 | 30.00 | Pass |
| | Middle | 21.58 | 30.00 | Pass |
| | Highest | 21.17 | 30.00 | Pass |
| 802.11N20 | Lowest | 20.85 | 30.00 | Pass |
| | Middle | 21.07 | 30.00 | Pass |
| | Highest | 20.67 | 30.00 | Pass |



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4.5 DTS (6 dB) Bandwidth & 99% Occupied Bandwidth

| Test Requirement: | 47 CFR Part 15C Section 15.247 (a)(2) | | | | |
|------------------------|---|--|--|--|--|
| Test Method: | ANSI C63.10: 2013 Section 11.8.1 Option 1 | | | | |
| Test Setup: | Spectrum Analyzer E.U.T Non-Conducted Table Ground Reference Plane | | | | |
| Instruments Used: | Refer to section 5.10 for details | | | | |
| Exploratory Test Mode: | Transmitting with all kind of modulations, data rates | | | | |
| Final Test Mode: | Through Pre-scan, find the 1Mbps of rate is the worst case of 802.11B; 6Mbps of rate is the worst case of 802.11G; 6.5Mbps of rate is the worst case of 802.11N(HT20); | | | | |
| Limit: | ≥ 500 kHz | | | | |
| Test Results: | Pass | | | | |

4.5.1 Test Results

| Mode | Test Channel | Occupied Bandwidth (MHz) | 6dB Emission Bandwidth (MHz) | Limit (kHz) | Result |
|-----------|-----------------|-----------------------------|---------------------------------|----------------|--------|
| | Lowest | 12.67 | 12.70 | ≥500 | Pass |
| 802.11B | Middle | 13.06 | 13.02 | ≥500 | Pass |
| | Highest | 12.90 | 12.87 | ≥500 | Pass |
| | Lowest | 16.41 | 16.30 | ≥500 | Pass |
| 802.11G | Middle | 16.55 | 16.43 | ≥500 | Pass |
| | Highest | 16.43 | 16.32 | ≥500 | Pass |
| | Lowest | 17.50 | 17.50 | ≥500 | Pass |
| 802.11N20 | Middle | 17.68 | 17.60 | ≥500 | Pass |
| | Highest | 17.51 | 17.51 | ≥500 | Pass |



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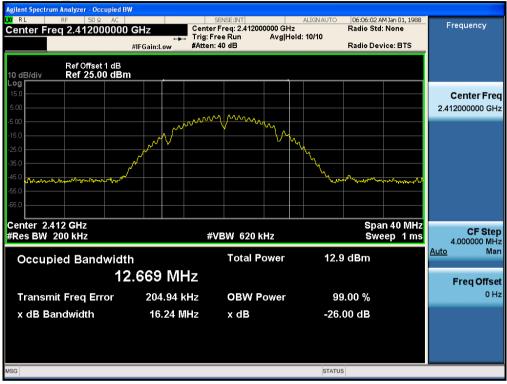


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4.5.2 Test plots

4.5.2.1 ANT1

4.5.2.1.1 802.11B_Lowest Channel





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| IB IBm | | | | - |
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4.5.2.1.2 802.11B_ Middle Channel



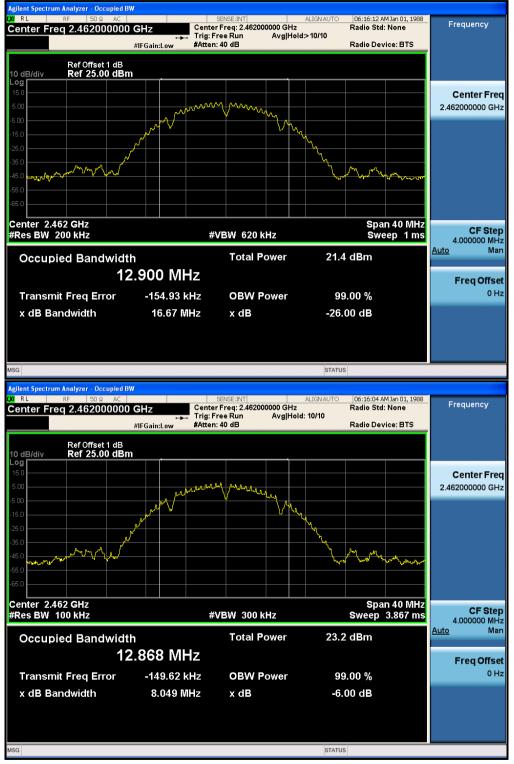


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4.5.2.1.3 802.11B_ Highest Channel



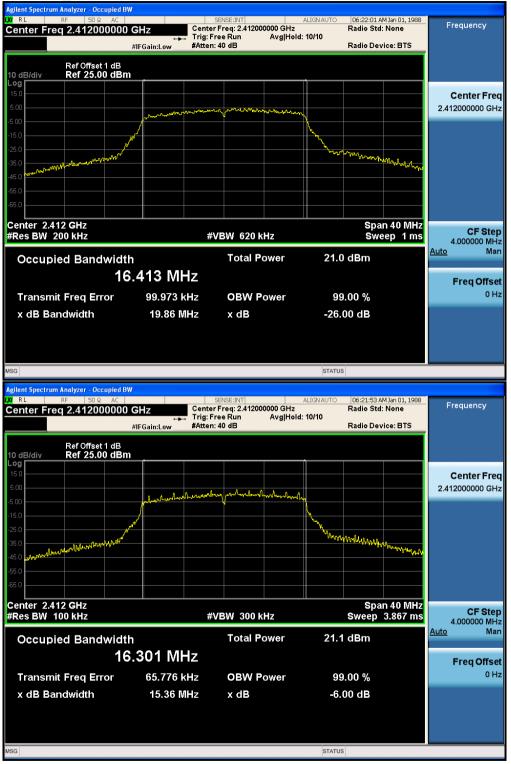


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4.5.2.1.4 802.11G_Lowest Channel



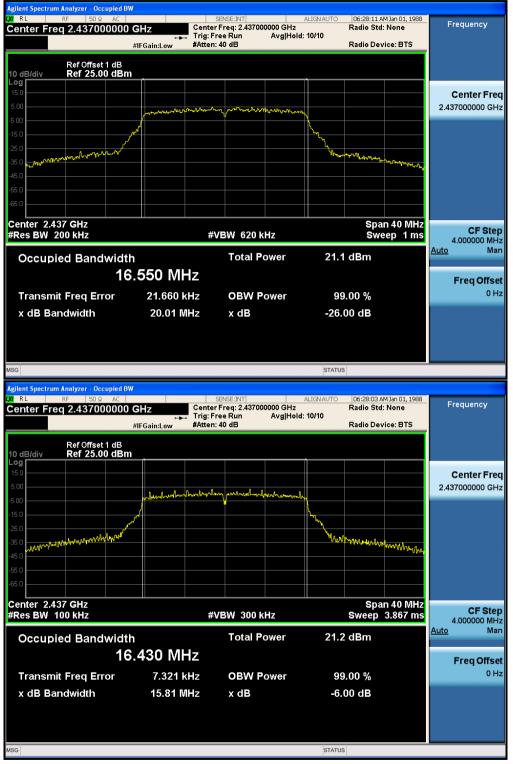


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4.5.2.1.5 802.11G_ Middle Channel



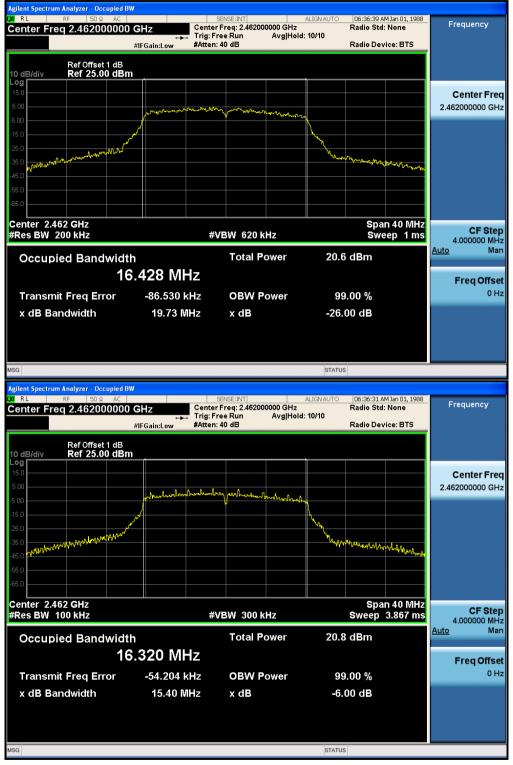


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4.5.2.1.6 802.11G_ Highest Channel



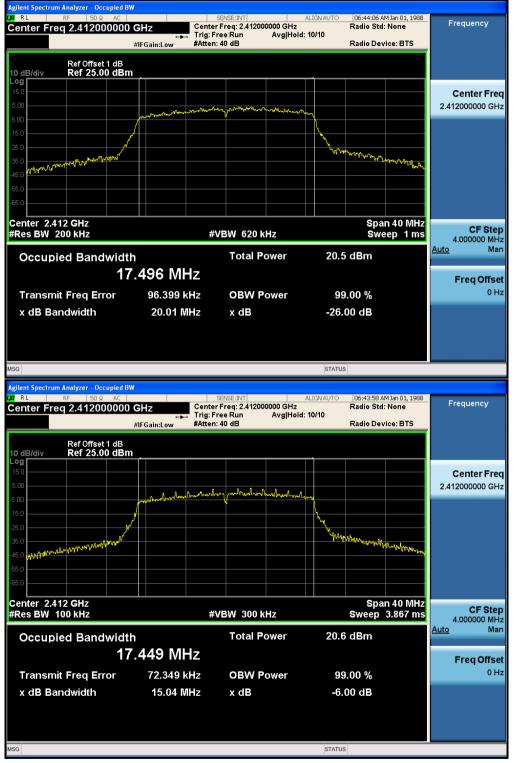


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4.5.2.1.7 802.11N20_Lowest Channel



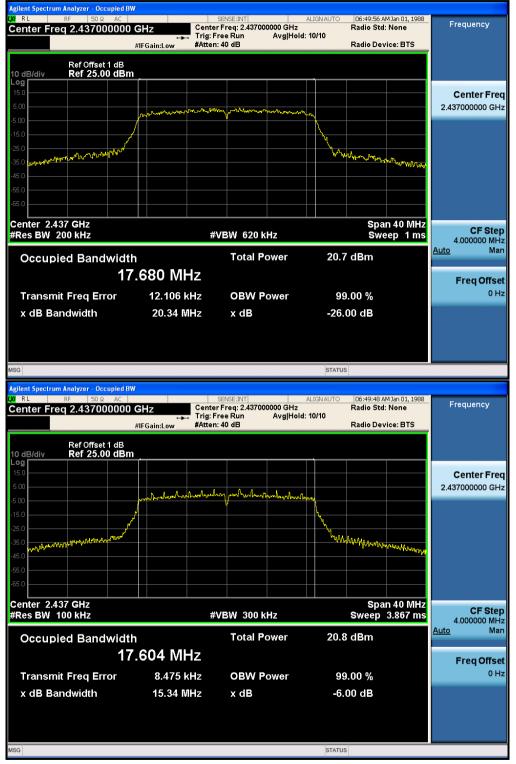


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4.5.2.1.8 802.11 N20_ Middle Channel



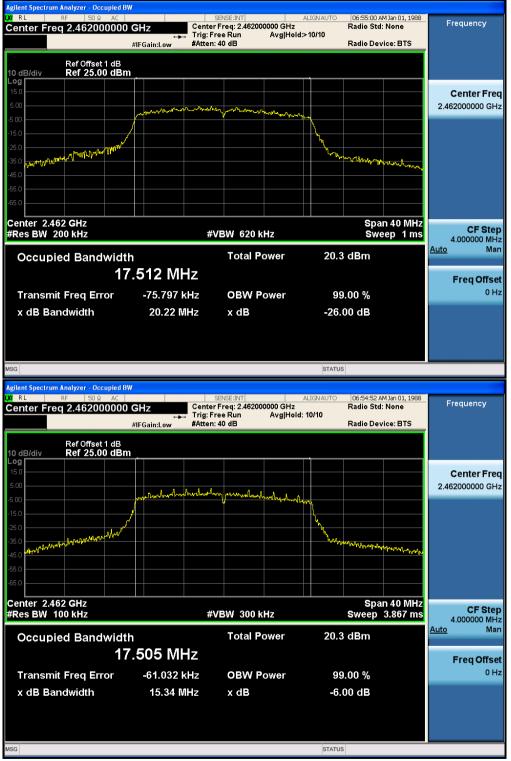


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4.5.2.1.9 802.11 N20_ Highest Channel





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| Test Requirement: | 47 CFR Part 15C Section 15.247 (e) | | |
|------------------------|---|--|--|
| Test Method: | ANSI C63.10 :2013 Section 11.10.2 | | |
| Test Setup: | Spectrum Analyzer E.U.T Non-Conducted Table Ground Reference Plane | | |
| Test Instruments: | Refer to section 5.10 for details | | |
| Exploratory Test Mode: | Transmitting with all kind of modulations, data rates | | |
| | Through Pre-scan, find the | | |
| Final Test Made | 1Mbps of rate is the worst case of 802.11B; | | |
| Final Test Mode: | 6Mbps of rate is the worst case of 802.11G ; | | |
| | 6.5Mbps of rate is the worst case of 802.11N(HT20); | | |
| Limit: | ≤8.00dBm/3kHz | | |
| Test Results: | Pass | | |

4.6 **Power Spectral Density**

4.6.1 Test Results

| Mode | Test Channel | Power Spectral Density (dBm/3kHz) | Limit (dBm/3kHz) | Result |
|-----------|--------------|--------------------------------------|------------------|--------|
| 802.11B | Lowest | -6.57 | ≤8.00 | Pass |
| | Middle | -4.49 | ≤8.00 | Pass |
| | Highest | -6.10 | ≤8.00 | Pass |
| 802.11G | Lowest | -9.99 | ≤8.00 | Pass |
| | Middle | -9.71 | ≤8.00 | Pass |
| | Highest | -9.44 | ≤8.00 | Pass |
| 802.11N20 | Lowest | -11.12 | ≤8.00 | Pass |
| | Middle | -10.41 | ≤8.00 | Pass |
| | Highest | -10.70 | ≤8.00 | Pass |



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4.6.2 Test plots

4.6.2.1 ANT1

4.6.2.1.1 802.11B_Lowest Channel

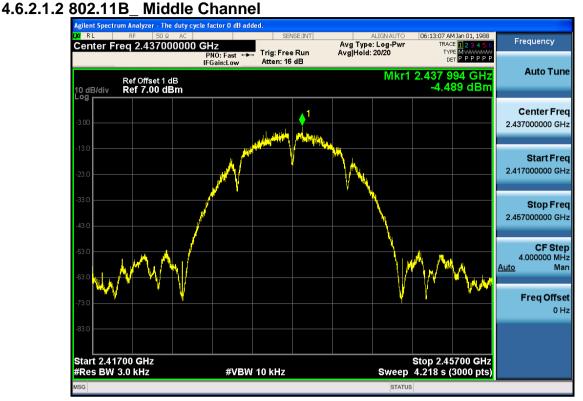




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4.6.2.1.3 802.11B Highest Channel



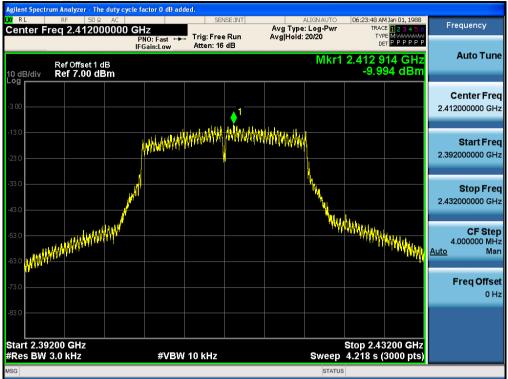


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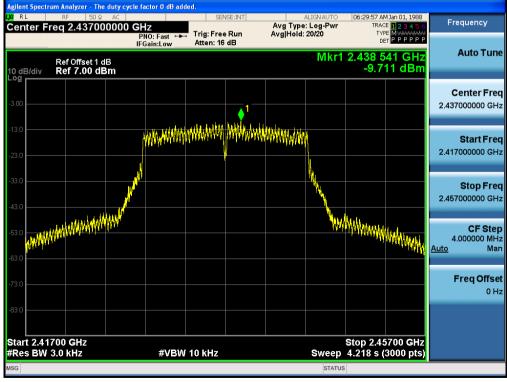


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4.6.2.1.4 802.11G_Lowest Channel



4.6.2.1.5 802.11G Middle Channel





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4.6.2.1.6 802.11G_ Highest Channel



4.6.2.1.7 802.11N20_Lowest Channel



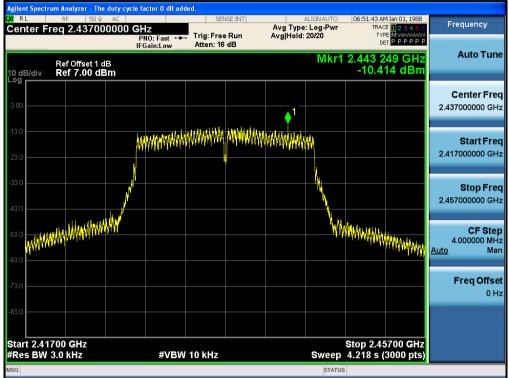


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4.6.2.1.8 802.11 N20_ Middle Channel



4.6.2.1.9 802.11 N20_ Highest Channel





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Test Requirement: 47 CFR Part 15C Section 15.247 (d) Test Method: ANSI C63.10: 2013 Section 11.13 Spectrum Analyzer E.U.T Test Setup: Non-Conducted Table Ground Reference Plane Transmitting with all kind of modulations, data rates Exploratory Test Mode: Through Pre-scan, find the 1Mbps of rate is the worst case of 802.11B; Final Test Mode: 6Mbps of rate is the worst case of 802.11G; 6.5Mbps of rate is the worst case of 802.11N(HT20); In any 100 kHz bandwidth outside the frequency band in which the spread spectrum intentional radiator is operating, the radio frequency power that is Limit: 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. Instruments Used: Refer to section 5.10 for details Test Results: Pass

4.7 Band-edge for RF Conducted Emissions



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4.7.1 Test plots

4.7.1.1 ANT1

4.7.1.1.1 802.11B_Lowest Channel





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4.7.1.1.2 802.11B_ Highest Channel



4.7.1.1.3 802.11G_Lowest Channel



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4.7.1.1.4 802.11G_ Highest Channel



4.7.1.1.5 802.11N20_Lowest Channel



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4.7.1.1.6 802.11 N20_ Highest Channel





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| Test Requirement: | 47 CFR Part 15C Section 15.247 (d) |
|------------------------|--|
| Test Method: | ANSI C63.10: 2013 Section 11.11 |
| Test Setup: | Spectrum Analyzer E.U.T Non-Conducted Table Ground Reference Plane |
| Exploratory Test Mode: | Transmitting with all kind of modulations, data rates |
| | Through Pre-scan, find the 1Mbps of rate is the worst case of 802.11B; |
| Final Test Mode: | 6Mbps of rate is the worst case of 802.11G; |
| | 6.5Mbps of rate is the worst case of 802.11N(HT20); |
| | In any 100 kHz bandwidth outside the frequency band in which the spread |
| | spectrum intentional radiator is operating, the radio frequency power that is |
| Limit: | 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. |
| Instruments Used: | Refer to section 5.10 for details |
| Test Results: | Pass |

4.8 **RF Conducted Spurious Emissions**



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4.8.1 Test plots

4.8.1.1 ANT1

4.8.1.1.1 802.11B_Lowest Channel





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| g <mark>ilent Spectrangen RL RL Renter F OdB/div</mark> | um Analyzer - Swept SA RF 50 Ω <u>A</u> DC | лНz PNO: Fast | SENS | Run | Avg Type | STATU: ALIGN AUTO :: Log-Pwr | DC Cou D6:08:45 AI TRAC TYM DE | upled MJan 01, 1988 | | |
| g <mark>ilent Spectrangen RL RL Renter F OdB/div</mark> | rum Analyzer - Swept SA RF 50 ♀ ▲ DC req 15.075000 M Ref Offset 1 dB | лНz PNO: Fast | SENS | Run | Avg Type | STATU: ALIGN AUTO :: Log-Pwr | DC Cou D6:08:45 AI TRAC TYM DE | ирled MJan 01, 1988 СЕ 123456 Рев МУЖИЖА ГРРРРРР 150 kHz | Auto | Tu |
| sG gilent Spectr | rum Analyzer - Swept SA RF 50 ♀ ▲ DC req 15.075000 M Ref Offset 1 dB | лНz PNO: Fast | SENS | Run | Avg Type | STATU: ALIGN AUTO :: Log-Pwr | DC Cou D6:08:45 AI TRAC TYM DE | ирled MJan 01, 1988 СЕ 123456 Рев МУЖИЖА ГРРРРРР 150 kHz | | Tu Fr |
| isg RL enter F O dB/div og | rum Analyzer - Swept SA RF 50 ♀ ▲ DC req 15.075000 M Ref Offset 1 dB | лНz PNO: Fast | SENS | Run | Avg Type | STATU: ALIGN AUTO :: Log-Pwr | DC Cou D6:08:45 AI TRAC TYM DE | ирled MJan 01, 1988 СЕ 123456 Рев МУЖИЖА ГРРРРРР 150 kHz | Auto ⁻ Center | Tu Fr |
| gjilent Spectr RL eenter F O dB/div og | rum Analyzer - Swept SA RF 50 ♀ ▲ DC req 15.075000 M Ref Offset 1 dB | лНz PNO: Fast | SENS | Run | Avg Type | STATU: ALIGN AUTO :: Log-Pwr | DC Cou D6:08:45 AI TRAC TYM DE | ирled MJan 01, 1988 СЕ 123456 Рев МУЖИЖА ГРРРРРР 150 kHz | Auto Center 15.075000 | Tu Fr |
| ilent Spectr RL enter F 0 dB/div 9 9 | rum Analyzer - Swept SA RF 50 ♀ ▲ DC req 15.075000 M Ref Offset 1 dB | лНz PNO: Fast | SENS | Run | Avg Type | STATU: ALIGN AUTO :: Log-Pwr | DC Cou D6:08:45 AI TRAC TYM DE | ирled MJan 01, 1988 СЕ 123456 Рев МУЖИЖА ГРРРРРР 150 kHz | Auto ⁻ Center | Tu Fr DM |
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| G dB/div G dV dV G dV dV G dV | rum Analyzer - Swept SA RF 50 ♀ ▲ DC req 15.075000 M Ref Offset 1 dB | лНz PNO: Fast | SENS | Run | Avg Type | STATU: ALIGN AUTO :: Log-Pwr | DC Cou D6:08:45 AI TRAC TYM DE | Mian OJ, 1988 E 12 3 45 6 Mian OJ, 1988 E 12 3 45 6 Mian OJ, 1988 E 12 3 45 6 E 12 3 45 6 H 2 3 | Auto Center 15.075000 Start 150.00 Stop 30.000000 | Fr O M Fr O k |
| ic jient Spectr RL enter F 0 dB/div 0 g 0.00 0.00 | rum Analyzer - Swept SA RF 50 ♀ ▲ DC req 15.075000 M Ref Offset 1 dB | лНz PNO: Fast | SENS | Run | Avg Type | STATU: ALIGN AUTO :: Log-Pwr | DC Cou D6:08:45 AI TRAC TYM DE | Mian OJ, 1988 E 12 3 45 6 Mian OJ, 1988 E 12 3 45 6 Mian OJ, 1988 E 12 3 45 6 E 12 3 45 6 H 2 3 | Auto Center 15.075000 Start 150.00 Stop 30.000000 CF 2.985000 | Fr O M Fr O k Fr O M |
| C dB/div C dB/d | rum Analyzer - Swept SA RF 50 ♀ ▲ DC req 15.075000 M Ref Offset 1 dB | лНz PNO: Fast | SENS | Run | Avg Type | STATU: ALIGN AUTO :: Log-Pwr | DC Cou D6:08:45 AI TRAC TYM DE | Mian OJ, 1988 E 12 3 45 6 Mian OJ, 1988 E 12 3 45 6 Mian OJ, 1988 E 12 3 45 6 E 12 3 45 6 H 2 3 | Auto Center 15.075000 Start 150.00 Stop 30.000000 | Fr O M Fr O k Fr |
| G G G G G G G G G G G G G G G G G G G | rum Analyzer - Swept SA RF 50 ♀ ▲ DC req 15.075000 M Ref Offset 1 dB | лНz PNO: Fast | SENS | Run | Avg Type | STATU: ALIGN AUTO :: Log-Pwr | DC Cou D6:08:45 AI TRAC TYM DE | Mian OJ, 1988 E 12 3 45 6 Mian OJ, 1988 E 12 3 45 6 Mian OJ, 1988 E 12 3 45 6 E 12 3 45 6 H 2 3 | Auto Center 15.075000 Start 150.00 30.000000 Stop 30.000000 CF 2.985000 Auto | Fr Ok Fr Ok Ste |
| G G G G G G G G G G G G G G G G G G G | um Analyzer - Swept SA RF 50 ₽ ▲ DC req 15.075000 M Ref Offset 1 dB Ref 20.00 dBm | AHZ PNO: Fast IFGain:Low | SENSI Trig: Free F #Atten: 40 d | | Avg Type Avg Hold: | ALIGNAUTO E: Log-Pwr >50/50 | S ▲ DC Cou 06:08:45 AI TRAC TY DE MKr1 ~ -41.7 -41.7 | Allan 01, 1998 Hian 01, 1998 Hian 01, 1998 High 2 3 4 5 0 High 2 3 4 5 0 | Auto Center 15.075000 Start 150.00 Stop 30.000000 CF 2.985000 | Fr Ok Fr Ok Ste |
| G | um Analyzer - Swept SA RF 50 ₽ ▲ DC req 15.075000 M Ref Offset 1 dB Ref 20.00 dBm | /IHz PNO: Fast IFGain:Low | SENSI Trig: Free F #Atten: 40 d | | Avg Type Avg Hold: | ALIGNAUTO E: Log-Pwr >50/50 | S ▲ DC Cou 06:08:45 AI TRAC TY DE MKr1 ~ -41.7 -41.7 | Allan 01, 1998 Hian 01, 1998 Hian 01, 1998 High 2 3 4 5 0 High 2 3 4 5 0 | Auto Center 15.075000 Start 150.00 30.000000 Stop 30.000000 CF 2.985000 Auto | Fr O M Fr O k St O M |
| G | um Analyzer - Swept SA RF 50 ₽ ▲ DC req 15.075000 M Ref Offset 1 dB Ref 20.00 dBm | AHZ PNO: Fast IFGain:Low | SENSI Trig: Free F #Atten: 40 d | | Avg Type Avg Hold: | ALIGNAUTO E: Log-Pwr >50/50 | S ▲ DC Cou 06:08:45 AI TRAC TY DE MKr1 ~ -41.7 -41.7 | Allan 01, 1998 Hian 01, 1998 Hian 01, 1998 High 2 3 4 5 0 High 2 3 4 5 0 | Auto Center 15.075000 Start 150.00 30.000000 Stop 30.000000 CF 2.985000 Auto | Fr O M Fr O k St O M |
| G | um Analyzer - Swept SA RF SO 2 ▲ DC req 15.075000 M Ref Offset 1 dB Ref 20.00 dBm | AHZ PNO: Fast IFGain:Low | SENSI Trig: Free F #Atten: 40 d | | Avg Type Avg Hold: | ALIGNAUTO E: Log-Pwr >50/50 | DC Cou 06:08:45 AI TRAC TYPE MIKIT ' -41.7: | Allan 01, 1998 Hian 01, 1998 Hian 01, 1998 High 2 3 4 5 0 High 2 3 4 5 0 | Auto Center 15.075000 Start 150.00 30.000000 Stop 30.000000 CF 2.985000 Auto | Fr O M Fr O k St O M |

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| Auto Tu Center Fr 6500000 G Start Fr 80.000000 M | '8 dBm 1.1 | 2.255 17 C -45.878 d | | Avg Hold | _ | | | | rog 1 1 | |
|---|--|---|---------------------------------------|--|---------------|--|---|--|--|-------------------------------|
| Center Fr 65000000 G Start Fr | '8 dBm 1.1 | 2.255 17 C -45.878 d | Miles | Arghiera | | Trig: Fr #Atten: | PNO: Fast 😱 IFGain:Low | 5000000 | req 1. I | |
| 65000000 G Start Fr | | | IVIKI | | | | | t1 dB 00 dBm | Ref Offs Ref 20 | B/div |
| | | | | | | | | | | |
| | -12.00 dBm | -12 | | | | | | | |) |
| Stop Fr 00000000 G | 2.3 | | | | | | | | | |
| CF St 27.000000 M M | 1 2: Auto | | itat to stille of | | | | | | |) |
| Freq Offs 0 | | ul for all of a gradiential second | | n yang can ta gang baga biri) 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - | | i e til i sjon her og Til Reen de Gaantin | nggi da ja da da di Unita angla ka Nganya luga se da di Sala ka se ing | aran 2000 (n. 1990) 2999 - 19 2019 - 1990 (n. 1990) 2019 - 2019 (n. 1990) | i de la constant de l La constant de la cons |) Telepote dealerpotent |
| | | | | | | | | | | |
| | 800 GHz 8001 pts) | Stop 2.300 (7.1 ms (8001 | Sweep 2 | | 2 | / 300 kH | #VBW | | /IHz 100 kHz | |
| | | | STATUS | | | | | | | |
| | | | | | | | | | | |
| requency | | | | | | | | | um Analyze | |
| | Jan 01, 1988 1 2 3 4 5 6 MWWWWW P P P P P P | 06:09:18 AM Jan 01, TRACE 1 2 3 TYPE MWW DET P P P | ALIGN AUTO e: Log-Pwr :>200/200 | Avg Typ Avg Hold | | Trig: Fr | PNO: Fast 😱 | - <mark>Swept SA</mark> 50 Ω AC 00000000 (| RF | RL |
| Auto Tu | 123456 MWWWWW PPPPPP 5 GHz | 06:09:18 AM Jan 01, TRACE 1 2 3 TYPE MWW DET P P P r1 2.399 5 C -44.695 d | e: Log-Pwr >200/200 | Avg Typ Avg Hold | e Run | Televice. | Hz PNO: Fast IFGain:Low | 50 Q AC 00000000 (| Ref Offs | nter F |
| Auto Tu Center Fr 50000000 G | 123456 MWWWWW PPPPPP 5 GHz 5 dBm | TRACE 1 2 3 TYPE MWW DET P P | e: Log-Pwr >200/200 | Avg Typ Avg Hold | e Run | Trig: Fr | PNO: Fast 😱 | 50 Ω AC 00000000 (t 1 dB | Ref Offs | nter F |
| Center Fr | 2345 MWWWWW 5 GHz 5 GHz 5 dBm 2.3 | TRACE 1 2 3 TYPE MWW DET P P | e: Log-Pwr >200/200 | Avg Typ- Avg Hold | e Run | Trig: Fr | PNO: Fast 😱 | 50 Ω AC 00000000 (t 1 dB | Ref Offs | nter F |
| Center Fr 50000000 G Start Fr | 12345 G MWWWWWW FPPPP 5 GHz 5 dBm 2.3 -1200 d8m | TRACE 1 2 3 TYPE MWW DET P P | e: Log-Pwr >200/200 | Avg Typ- Avg Hold | e Run | Trig: Fr | PNO: Fast 😱 | 50 Ω AC 00000000 (t 1 dB | Ref Offs | iB/div |
| Center Fr 50000000 G Start Fr 00000000 G Stop Fr 00000000 G CF St | 123345 G MWWWWWW 5 GHz 5 dBm 2.3 -1200 dBm 2.3 2.4 | TRACE 1 2 3 TYPE MWW DET P P | e: Log-Pwr >200/200 | Avg Typ Avg Hold | e Run | Trig: Fr | PNO: Fast 😱 | 50 Ω AC 00000000 (t 1 dB | Ref Offs | IB/div |
| Center Fr 50000000 G Start Fr 00000000 G Stop Fr 00000000 G CF St 00.000000 M N | 123345 G MWWWWWW 5 GHz 5 dBm 23 -120005m 2.3 2.3 2.3 2.3 2.3 2.3 2.3 2.3 2.3 | TRACE 1 2 3 TYPE MWW DET P P | e: Log-Pwr >200/200 | Avg Typ Avg Hold | e Run 0 dB | Trig: Fr | PN0: Fast C | 50 Q AC 0000000 (1 dB 0 dBm | Ref Offs Ref 20 | |
| Center Fr 50000000 G Start Fr 00000000 G Stop Fr 00000000 G CF St 0.000000 M | 123345 G MWWWWWW 5 GHz 5 dBm 2.3 -1200 dBm 2.3 2.4 | TRACE 12 8 TYPE MWM DET P PP -44.695 d | e: Log-Pwr >200/200 | Avg Hold | e Run 0 dB | Trig: Fr #Atten: | PN0: Fast C | 50 Q AC 0000000 (1 dB 00 dBm | Ref Offs Ref 20 | IB/div |
| | 300 GHz | Stop 2.300 (7.1 ms (8001 | Sweep 2 | e e inentio di citatti | | n i lan ya ka su dugu | | analati in para ang ang ang ang ang ang ang ang ang an | Alto a super la super | rt 30 N |

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| | 50 Ω AC | | SEN | SE:INT | | ALIGNAUTO E: Log-Pwr | | M Jan 01, 1988 | Frequency |
|--|---|-----------------------------|---------------------------------|-----------|-----------------------|--|---|--|---|
| enter Freq 2.49 | P | PNO: Fast 😱 Gain:Low | Trig: Free #Atten: 40 | | Avg Hold: | | TYI | CE 1 2 3 4 5 6 PE M WWWWWW ET P P P P P P | |
| Ref Offse dB/div Ref 20.0 | | | | | | Mkr1 2 | | 5 0 GHz 93 dBm | Auto T |
| g | | | | | | | | | Center |
| 0.0 | | | | | | | | | 2.491750000 |
| 00 | | | | | | | | -12.00 dBm | Start I 2.483500000 |
| 0.0 | | | | | | | | | Stop I 2.500000000 |
| I.O | | | | | | | | | CF \$ 1.650000 <u>Auto</u> |
|).0 <mark>////////////////////////////////////</mark> | ֊ֈֈ _֍ բ ^ֈ ֈ _ՠ ՠ՟ՠֈՠ _ՠ ՠ՟֎ | ᡊ᠇ᠰᡳᡊᡗᡅ᠆ᠰᢇᠬ | manya lana | /~lwhiten | ԴրումՍՄԿվ | ᠰᡀᢧᡁᠰᢧᠬᢢ | lon was for | ᡃᢧᢧᡢ᠆ᡁᡢᡘ᠋᠋ᢔᡀᡝ | Freq O |
| .0 | | | | | | | | | |
| art 2.483500 GH | | | | | | | 4 0 E A | | |
| | 2 | #VBW | 300 kHz | | | | | 0000 GHz (601 pts) | |
| Res BW 100 kHz | 2 | #VBW | 300 kHz | | | | 1.600 ms | (601 pts) | |
| Res BW 100 kHz | - Swept SA | #VBW | | | | Sweep status | 1.600 ms | (601 pts) | |
| tes BW 100 kHz | - <mark>Swept SA</mark> 50 ຊ. AC 00000000 (C P | GHz PNO: Fast | SEN: Trig: Free | | | Sweep status ALIGN AUTO e: Log-Pwr | 1.600 ms | (601 pts) | Frequency |
| Res BW 100 kHz Ient Spectrum Analyzer RL RF enter Freq 14.50 Ref Offse | - Swept SA 50 Ω AC 000000000 C P IF t 1 dB | GHz | SEN | Run | Avg Type | Sweep status ALIGN AUTO a: Log-Pwr : 10/10 | 1.600 ms 06:10:02 A TRAC TYP kr1 26.4 | (601 pts) | Frequency |
| Res BW 100 kHz lent Spectrum Analyzer RL RF enter Freq 14.50 Ref Offse dB/div Ref 20.0 | - Swept SA 50 Ω AC 000000000 C P IF t 1 dB | GHz PNO: Fast | SEN: Trig: Free | Run | Avg Type | Sweep status ALIGN AUTO a: Log-Pwr : 10/10 | 1.600 ms 06:10:02 A TRAC TYP kr1 26.4 | MJan 01, 1988 E 1 2 3 4 5 6 MWWWWW P P P P P P | Auto T |
| Res BW 100 kHz lent Spectrum Analyzer RL RF enter Freq 14.5 Ref Offse dB/div Ref 20.0 | - Swept SA 50 Ω AC 000000000 C P IF t 1 dB | GHz PNO: Fast | SEN: Trig: Free | Run | Avg Type | Sweep status ALIGN AUTO a: Log-Pwr : 10/10 | 1.600 ms 06:10:02 A TRAC TYP kr1 26.4 | (601 pts) | |
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| Res BW 100 kHz lent Spectrum Analyzer RL RF enter Freq 14.5 B/div Ref 20.0 9 00 00 | - Swept SA 50 Ω AC 000000000 C P IF t 1 dB | GHz PNO: Fast | SEN: Trig: Free | Run | Avg Type | Sweep status ALIGN AUTO a: Log-Pwr : 10/10 | 1.600 ms 06:10:02 A TRAC TYP kr1 26.4 | (601 pts) | Auto T Center 1 14.500000000 |
| Res BW 100 kHz ilent Spectrum Analyzer RL RF enter Freq 14.50 Ref Offse | - Swept SA 50 Ω AC 000000000 C P IF t 1 dB | GHz PNO: Fast | SEN: Trig: Free | Run | Avg Type | Sweep status ALIGN AUTO a: Log-Pwr : 10/10 | 1.600 ms 06:10:02 A TRAC TYP kr1 26.4 | M 3an 01, 1998 E 1 2 3 4 5 6 E M M M M M M M M M M M M M M M M M M M | Auto T Center I 14.50000000 Start I |
| Res BW 100 kHz | Swept SA 50 Q AC D00000000 C IF t1 dB 00 dBm | SHz NO: Fast Gain:Low | SEN Trig: Free #Atten: 40 | Run dB | Avg Type | Sweep status align auto 2: Log-Pwr 10/10 MI | 1.600 ms 06:10:02 A TRAC TYP kr1 26.4 | MJan 01, 1988 E 12 3 4 5 6 E 23 4 5 6 E 2 3 6 | Auto T Center I 14.50000000 Start I 2.500000000 Stop I |
| Res BW 100 kHz | - Swept SA 50 Ω AC 000000000 C P IF t 1 dB | SHz NO: Fast Gain:Low | SEN Trig: Free #Atten: 40 | Run dB | Avg Type Avg Hold: | Sweep status align auto 2: Log-Pwr 10/10 MI | 1.600 ms | MJan 01, 1988 E 12 3 4 5 6 E 23 4 5 6 E 2 3 6 | Auto T Center I 14.500000000 Start I 2.500000000 Stop I 26.500000000 CF S 2.400000000 Auto |
| Res BW 100 kHz | Swept SA 50 Q AC D00000000 C IF t1 dB 00 dBm | SHz NO: Fast Gain:Low | SEN Trig: Free #Atten: 40 | Run dB | Avg Type Avg Hold: | Sweep status align auto 2: Log-Pwr 10/10 MI | 1.600 ms | MJan 01, 1988 E 12 3 4 5 6 E 23 4 5 6 E 2 3 6 | Auto T Center I 14.50000000 Start I 2.500000000 Stop I 26.500000000 |
| Res BW 100 kHz | Swept SA 50 Q AC D00000000 C IF t1 dB 00 dBm | SHz NO: Fast Gain:Low | SEN Trig: Free #Atten: 40 | Run dB | Avg Type Avg Hold: | Sweep status align auto 2: Log-Pwr 10/10 MI | 1.600 ms | MJan 01, 1988 E 12 3 4 5 6 E 23 4 5 6 E 2 3 6 | Auto T Center I 14.500000000 Start I 2.500000000 Stop I 26.500000000 CF S 2.400000000 Auto |

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4.8.1.1.2 802.11B_ Middle Channel



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| Auto Tur enter Fro 75000 M Start Fro 50.000 k Stop Fro 000000 M CF Sto NB5000 M M req Offs 0 |
|---|
| enter Fri 175000 M Start Fri 150.000 k Stop Fri 100000 M CF Ste 185000 M M |
| 75000 M Start Fri 50.000 k Stop Fri 100000 M CF Sto 185000 M M |
| Start Fri 50.000 k Stop Fri 100000 M CF Sto 185000 M M req Offs |
| 50.000 k Stop Fr 100000 M CF Ste 185000 M M |
| Stop Fr 100000 M CF St 185000 M M req Offs |
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| RL | RF 50 9 | | | SEN | - CETITITI | | ALIGNAUTO E: Log-Pwr | | M Jan 01, 1988 | Frequency |
|--|---|---|---|--------------------------|-----------------|-----------------------|---|--|--|---|
| enter F | req 2.3500 | P | NO: Fast 😱 Gain:Low | Trig: Free #Atten: 40 | eRun DdB | Avg Type Avg Hold: | | TYI | CE 1 2 3 4 5 6 PE M WWWWWW ET P P P P P P | |
| dB/div | Ref Offset 1 Ref 20.00 | | | | | | Mk | (r1 2.39 -48.0 | 4 9 GHz 96 dBm | Auto Tu |
| ^{og} | | | | | | | | | | Center Fr |
| 0.0 | | | | | | | | | | 2.350000000 G |
| .00 | | | | | | | | | | Start Fr |
| 0.0 | | | | | | | | | -11.72 dBm | 2.300000000 G |
| 0.0 | | | | | | | | | | Stop Fr |
| 0.0 | | | | | | | | | | 2.400000000 G |
| 0.0 | | | | | | | | | . 1 | CF St 10.000000 M |
| 0.0 stanton | ghtfrag ^h oonter philosop | whether should | Anthenistration of the state of the | water | a hiller strand | allow will white | a contraction | and Marcaloom | n have a faith and the | <u>Auto</u> M |
| 0.0 | | | | | | | | | | Freq Offs |
| 0.0 | | | | | | | | | | 0 |
| 0.0 | | | | | | | | | | |
| | | | | | | | | | | |
| | 0000 GHz | | #VBW | 300 kHz | | | Sweep 9 | Stop 2.40 | 0000 GHz (1001 pts) | |
| | 0000 GHz 100 kHz | | #VBW | 300 kHz | | | Sweep 9 | .600 ms (| 0000 GHz (1001 pts) | |
| Res BW ^{IG} | 100 kHz rum Analyzer - Sv | | #VBW | | | | Sweep 9 | .600 ms (| (1001 pts) | |
| Res BW G Ilent Spectr | 100 kHz rum Analyzer - Sv | 2 AC 50000 GI P | Hz PNO: Fast 🖵 | SEN Trig: Free | NSE:INT | | Sweep 9 status ALIGN AUTO e: Log-Pwr | .600 ms (06:14:50 Al TRAC | MJan 01, 1988 | Frequency |
| Res BW G ilent Specti RL | 100 kHz rum Analyzer - Sv RF 50 S req 2.4917 | 2 AC 50000 GI P IF | Hz | SEN | NSE:INT | Avg Type | Sweep 9 status ALIGN AUTO a: Log-Pwr >200/200 | .600 ms (06:14:50 Al TRAC TYI DI .487 92 | Mlan 01, 1988 E 1 2 3 4 5 6 MMMMMMM F P P P P P 7 5 GHz | |
| Res BW g jlent Specto RL enter F 0 dB/div | 100 kHz rum Analyzer - Sw RF 50 S | 2 AC 50000 GI P IF | Hz PNO: Fast 🖵 | SEN Trig: Free | NSE:INT | Avg Type | Sweep 9 status ALIGN AUTO a: Log-Pwr >200/200 | .600 ms (06:14:50 Al TRAC TYI DI .487 92 | MJan 01, 1988 E 1 2 3 4 5 6 MWWWWW P P P P P P | |
| Res BW g g g g g enter F o d B/div g g g g g g g g g g g g g | 100 kHz rum Analyzer - Sv RF 50 S req 2.4917 Ref Offset 1 | 2 AC 50000 GI P IF | Hz PNO: Fast 🖵 | SEN Trig: Free | NSE:INT | Avg Type | Sweep 9 status ALIGN AUTO a: Log-Pwr >200/200 | .600 ms (06:14:50 Al TRAC TYI DI .487 92 | Mlan 01, 1988 E 1 2 3 4 5 6 MMMMMMM F P P P P P 7 5 GHz | |
| Res BW G G G G G G G G G G G G G G G G G G G | 100 kHz rum Analyzer - Sv RF 50 S req 2.4917 Ref Offset 1 | 2 AC 50000 GI P IF | Hz PNO: Fast 🖵 | SEN Trig: Free | NSE:INT | Avg Type | Sweep 9 status ALIGN AUTO a: Log-Pwr >200/200 | .600 ms (06:14:50 Al TRAC TYI DI .487 92 | Mlan 01, 1988 E 1 2 3 4 5 6 MMMMMMM F P P P P P 7 5 GHz | Auto Tu Center Fr |
| G G Ilent Spectr RL O G O G O G O G O G O C C C O C O C C C O C O C O C C C O C C C C C O C C C C C C C C C C C C C | 100 kHz rum Analyzer - Sv RF 50 S req 2.4917 Ref Offset 1 | 2 AC 50000 GI P IF | Hz PNO: Fast 🖵 | SEN Trig: Free | NSE:INT | Avg Type | Sweep 9 status ALIGN AUTO a: Log-Pwr >200/200 | .600 ms (06:14:50 Al TRAC TYI DI .487 92 | 1001 pts) Mian 01, 1988 E 2 3 4 5 6 E Mixwwww T P P P P P 7 5 GHz 56 dBm | Auto Tu Center Fr |
| Res BW G G G G G G G G G G G G G G G G G G G | 100 kHz rum Analyzer - Sv RF 50 S req 2.4917 Ref Offset 1 | 2 AC 50000 GI P IF | Hz PNO: Fast 🖵 | SEN Trig: Free | NSE:INT | Avg Type | Sweep 9 status ALIGN AUTO a: Log-Pwr >200/200 | .600 ms (06:14:50 Al TRAC TYI DI .487 92 | Mlan 01, 1988 E 1 2 3 4 5 6 MMMMMMM F P P P P P 7 5 GHz | Auto Tu Center Fr 2.491750000 G Start Fr |
| Res BW G Ilent Spectr | 100 kHz rum Analyzer - Sv RF 50 S req 2.4917 Ref Offset 1 | 2 AC 50000 GI P IF | Hz PNO: Fast 🖵 | SEN Trig: Free | NSE:INT | Avg Type | Sweep 9 status ALIGN AUTO a: Log-Pwr >200/200 | .600 ms (06:14:50 Al TRAC TYI DI .487 92 | 1001 pts) Mian 01, 1988 E 2 3 4 5 6 E Mixwwww T P P P P P 7 5 GHz 56 dBm | Auto Tu Center Fr 2.491750000 G Start Fr |
| Res BW G G G G G G G G G G G G G G G G G G G | 100 kHz rum Analyzer - Sv RF 50 S req 2.4917 Ref Offset 1 | 2 AC 50000 GI P IF | Hz PNO: Fast 🖵 | SEN Trig: Free | NSE:INT | Avg Type | Sweep 9 status ALIGN AUTO a: Log-Pwr >200/200 | .600 ms (06:14:50 Al TRAC TYI DI .487 92 | 1001 pts) Mian 01, 1988 E 2 3 4 5 6 E Mixwwww T P P P P P 7 5 GHz 56 dBm | Auto Tu Center Fr 2.491750000 G Start Fr 2.483500000 G Stop Fr 2.500000000 G |
| Res BW g g g g g g g g g g g g g g g g g g g | 100 kHz rum Analyzer - Sv RF 50 S req 2.4917 Ref Offset 1 | 2 AC 50000 GI P IF | Hz PNO: Fast 🖵 | SEN Trig: Free | NSE:INT | Avg Type | Sweep 9 status ALIGN AUTO a: Log-Pwr >200/200 | .600 ms (06:14:50 Al TRAC TYI DI .487 92 | 1001 pts) Mian 01, 1988 E 2 3 4 5 6 E Mixwwww T P P P P P 7 5 GHz 56 dBm | Auto Tu Center Fr 2.491750000 G Start Fr 2.483500000 G Stop Fr 2.500000000 G |
| Res BW G G G G G G G G G G G G G G G G G G G | 100 kHz rum Analyzer - Sv RF 50 S req 2.4917 Ref Offset 1 | 2 AC 50000 GI F B B B C C C C C C C C C C C C C | Hz PNO: Fast 🖵 | Trig: Free #Atten: 40 | ISE-INT | Avg Type Avg Hold: | Sweep 9 status alignauto c.Log.Pwr >200/200 Mkr1 2 | 0600 ms (06:14:50 Al 178A 178A 1792 -487 92 -48.5 | (1001 pts) | Auto Tu Center Fr 2.491750000 G Start Fr 2.483500000 G Stop Fr 2.500000000 G |
| Res BW g ilent Spectr RL enter F 0 dB/div 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 100 kHz | 2 AC 50000 GI F B B B C C C C C C C C C C C C C | Hz Sain:Low | Trig: Free #Atten: 40 | ISE-INT | Avg Type Avg Hold: | Sweep 9 status alignauto c.Log.Pwr >200/200 Mkr1 2 | 0600 ms (06:14:50 Al 178A 178A 1792 -487 92 -48.5 | (1001 pts) | Auto Tu Center Fr 2.491750000 G Start Fr 2.483500000 G Stop Fr 2.500000000 G CF St 1.650000 M |
| Res BW G ilent Spectr RL enter F 0 dB/div 9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 | 100 kHz | 2 AC 50000 GI F B B B C C C C C C C C C C C C C | Hz Sain:Low | Trig: Free #Atten: 40 | ISE-INT | Avg Type Avg Hold: | Sweep 9 status alignauto c.Log.Pwr >200/200 Mkr1 2 | 0600 ms (06:14:50 Al 178A 178A 1792 -487 92 -48.5 | (1001 pts) | Auto Tu Center Fr 2.491750000 G Start Fr 2.483500000 G Stop Fr 2.500000000 G CF St 1.650000 M Auto M |
| Res BW a ilent Spectr RL enter F a dB/div g a a a a b a b a b b b c b b c b c c c c c | 100 kHz | 2 AC 50000 GI F B B C C C C C C C C C C C C C | Hz Sain:Low | Trig: Free #Atten: 40 | ISE-INT | Avg Type Avg Hold: | Sweep 9 status alignauto c Log-Pwr >200/200 Mkr1 2 | 060 ms (ه) ۱۵۵: ۲۰:۵۵ A ۱۳۹۸ ۲۴۹۸ ۲۹۹۲ ۲۹۹۲ ۲۹۹۲ ۲۹۹۲ ۲۹۹۲ ۲۹۹۲ ۲۹ | (1001 pts) | Auto Tu Center Fr 2.491750000 G Start Fr 2.483500000 G Stop Fr 2.500000000 G CF St 1.650000 M Auto M |





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| | RF 50 Ω | | | | ISE:INT | | ALIGN AUTO | | 4 Jan 01, 1988 | Frequency |
|---------------------------|-------------------------------|---|-------------------------------|--------------------------|--|-----------------------|--------------------|-------------------|---|---|
| enter F | req 14.5000 | Р | SHZ NO: Fast 🖵 Gain:Low | Trig: Free #Atten: 40 | | Avg Type Avg Hold: | : Log-Pwr 10/10 | TRAC TYI DI | ^Е 123456 ^Е М ШШШ ТРРРРРР | Trequency |
|) dB/div | Ref Offset 1 o Ref 20.00 o | | | | | | М | kr1 26.4 -37.8 | 61 GHz 77 dBm | Auto Tun |
| 0.0 | | | | | | | | | | Center Fre 14.500000000 G⊦ |
| 00 | | | | | | | | | -11.72 dBm | Start Fre 2.500000000 G⊦ |
|).0).0 | | | | | | | | | | Stop Fre 26.50000000 GF |
| 0.0 0.0 /w/łu ł | an in the second | | | | a geological de la constitución de | Ang balang banang | | | | CF Ste 2.40000000 GF <u>Auto</u> Ma |
|).0 | | | | | | | | | | Freq Offs 이 F |
| 0.0 tart 2.50 |) GHz 100 kHz | | | 300 kHz | | | | | 6.50 GHz 8001 pts) | |



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4.8.1.1.3 802.11B_ Highest Channel



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| | r <mark>um Analyzer - Swe</mark> RF 50 Q | | | SEN | VSE:INT | | ALIGN AUTO | 06:18:55 AM | 4 Jan 01, 1988 | |
|--|---|---|------------------------------|---------------------------------|---------------------|----------------------|--|--|---|---|
| | req 15.0750 | 00 MHz | | . | | | e: Log-Pwr | | E 1 2 3 4 5 6 E M WWWWW | Frequency |
| | | IF | NO: Fast 🖵 Gain:Low | #Atten: 40 | | Arginola. | - 00/00 | DE | тРРРРР | |
| | Ref Offset 1 d | IВ | | | | | | | 50 kHz | Auto T |
| 0 dB/div .og | Ref 20.00 d | IBm | 1 | | | | 1 | -41.9 | 69 dBm | |
| | | | | | | | | | | Center F |
| 10.0 | | | | | | | | | | 15.075000 |
| 0.00 | | | | | | | | | | |
| | | | | | | | | | | Start F |
| 10.0 | | | | | | | | | | 150.000 |
| 20.0 | | | | | | | | | | |
| 20.0 | | | | | | | | | -22:02 dBm | Stop F 30.000000 I |
| 30.0 | | | | | | | | | | 30.0000001 |
| 1 | | | | | | | | | | CF S |
| 40.0 | | | | | | | | | | 2.985000 |
| 50.0 | | | | | | | | | | <u>Auto</u> |
| | | | | | | | | | | Freq Off |
| 50.0 Healt | n jina ni dan mula si k | and the state | an all has the second second | | nist terms and here | alariti Matina | الدادية والمعاد المعاد | والمالية والمناور | htsi alli hitsi | (|
| 70.0 | The second second | di di de site | | | ter Proven o | dien die ood | | oden et el el trade et d | an de la faire de la com | |
| | | | | | | | | | | |
| | | | | | | | | Ot | | |
| itart 150 | kHz | | | | | | | Stop J | 0.00 MHz | |
| tart 150 Res BW | | | #VBW | 30 kHz | | | Sweep 2 | 85.4 ms (| 0.00 MHz 3001 pts) | |
| | | | #VBW | 30 kHz | | | | | 3001 pts) | |
| Res BW | 10 kHz rum Analyzer - Swe | | #VBW | | | | STATUS | 85.4 ms (| 3001 pts) pled | |
| Res BW sg gilent Spectr | 10 kHz rum Analyzer - Swe | AC 0000 GH | Hz | SEN | NSE:INT | Avg Type | STATUS ALIGN AUTO | 85.4 ms (| 3001 pts) pled | Frequency |
| Res BW sg gilent Spectr | 10 kHz rum Analyzer - Swe RF 50 Ω | AC 10000 GH P | | SEN | e Run | | ALIGN AUTO :: Log-Pwr :>50/50 | 85.4 ms (DC Cou 06:19:16 AM TRAC TYF DE | 3001 pts) pled 1Jan 01, 1988 Е 1 2 3 4 5 6 Е МУЖИМУ ТРРРРРР | |
| Res BW sg gilent Spectr RL Center F | 10 kHz rum Analyzer - Swe RF 50 Q req 1.16500 Ref Offset 1 d | AC 100000 GH P IF | ↓z N0: Fast G |) Trig: Free | e Run | Avg Type | ALIGN AUTO :: Log-Pwr :>50/50 | 85.4 ms (DC Cou 06:19:16 AP TRAC TYP DE 1 2.280 | 3001 pts) pled Alan 01, 1988 E 1 2 3 4 5 6 E MWWWW T P P P P P P 14 GHz | Frequency Auto Ti |
| Res BW sg gilent Spectr | 10 kHz rum Analyzer - Swe RF 5០ ណ្ឌ req 1.16500 | AC 100000 GH P IF | ↓z N0: Fast G |) Trig: Free | e Run | Avg Type | ALIGN AUTO :: Log-Pwr :>50/50 | 85.4 ms (DC Cou 06:19:16 AP TRAC TYP DE 1 2.280 | 3001 pts) pled 1Jan 01, 1988 Е 1 2 3 4 5 6 Е МУЖИМУ ТРРРРРР | |
| Res BW sg gilent Specto RL center F 0 dB/div | 10 kHz rum Analyzer - Swe RF 50 Q req 1.16500 Ref Offset 1 d | AC 100000 GH P IF | ↓z N0: Fast G |) Trig: Free | e Run | Avg Type | ALIGN AUTO :: Log-Pwr :>50/50 | 85.4 ms (DC Cou 06:19:16 AP TRAC TYP DE 1 2.280 | 3001 pts) pled Alan 01, 1988 E 1 2 3 4 5 6 E MWWWW T P P P P P P 14 GHz | Auto Tu Center F |
| Res BW sg gilent Spectr RL Center F 0. dB/div | 10 kHz rum Analyzer - Swe RF 50 Q req 1.16500 Ref Offset 1 d | AC 100000 GH P IF | ↓z N0: Fast G |) Trig: Free | e Run | Avg Type | ALIGN AUTO :: Log-Pwr :>50/50 | 85.4 ms (DC Cou 06:19:16 AP TRAC TYP DE 1 2.280 | 3001 pts) pled Alan 01, 1988 E 1 2 3 4 5 6 E MWWWW T P P P P P P 14 GHz | Auto Ti |
| Res BW sg gilent Specto RL center F 0 dB/div | 10 kHz rum Analyzer - Swe RF 50 Q req 1.16500 Ref Offset 1 d | AC 100000 GH P IF | ↓z N0: Fast G |) Trig: Free | e Run | Avg Type | ALIGN AUTO :: Log-Pwr :>50/50 | 85.4 ms (DC Cou 06:19:16 AP TRAC TYP DE 1 2.280 | 3001 pts) pled Alan 01, 1988 E 1 2 3 4 5 6 E MWWWW T P P P P P P 14 GHz | Auto Tr Center F 1.16500000 |
| Res BW sa gilent Spectr gilent Spectr Center F | 10 kHz rum Analyzer - Swe RF 50 Q req 1.16500 Ref Offset 1 d | AC 100000 GH P IF | ↓z N0: Fast G |) Trig: Free | e Run | Avg Type | ALIGN AUTO :: Log-Pwr :>50/50 | 85.4 ms (DC Cou 06:19:16 AP TRAC TYP DE 1 2.280 | 3001 pts) pled (13001,1988 E 023456 MMMMMM T P P P P P 14 GHz D1 dBm | Auto Tr Center F 1.165000000 Start F |
| Res BW gilent Spectr RL Center F 0 dB/div | 10 kHz rum Analyzer - Swe RF 50 Q req 1.16500 Ref Offset 1 d | AC 100000 GH P IF | ↓z N0: Fast G |) Trig: Free | e Run | Avg Type | ALIGN AUTO :: Log-Pwr :>50/50 | 85.4 ms (DC Cou 06:19:16 AP TRAC TYP DE 1 2.280 | 3001 pts) pled Alan 01, 1988 E 1 2 3 4 5 6 E MWWWW T P P P P P P 14 GHz | Auto Tr Center F 1.16500000 |
| Res BW sa gilent Spectr gilent Spectr Center F | 10 kHz rum Analyzer - Swe RF 50 Q req 1.16500 Ref Offset 1 d | AC 100000 GH P IF | ↓z N0: Fast G |) Trig: Free | e Run | Avg Type | ALIGN AUTO :: Log-Pwr :>50/50 | 85.4 ms (DC Cou 06:19:16 AP TRAC TYP DE 1 2.280 | 3001 pts) pled (13001,1988 E 023456 MMMMMM T P P P P P 14 GHz D1 dBm | Auto Tr Center F 1.165000000 Start F 30.000000 f |
| Res BW s glient Spectr RL RL C dB/div O | 10 kHz rum Analyzer - Swe RF 50 Q req 1.16500 Ref Offset 1 d | AC 100000 GH P IF | ↓z N0: Fast G |) Trig: Free | e Run | Avg Type | ALIGN AUTO :: Log-Pwr :>50/50 | 85.4 ms (DC Cou 06:19:16 AP TRAC TYP DE 1 2.280 | 3001 pts) pled (13001,1988 E 023456 MMMMMM T P P P P P 14 GHz D1 dBm | Auto Tr Center F 1.165000000 Start F |
| Res BW s glent Spect RL RL O dB/div o g | 10 kHz rum Analyzer - Swe RF 50 Q req 1.16500 Ref Offset 1 d | AC 100000 GH P IF | ↓z N0: Fast G |) Trig: Free | e Run | Avg Type | ALIGN AUTO :: Log-Pwr :>50/50 | 85.4 ms (DC Cou 06:19:16 AP TRAC TYP DE 1 2.280 | 3001 pts) pled (13001,1988 E 023456 MMMMMM T P P P P P 14 GHz D1 dBm | Auto Tr Center F 1.165000000 f Start F 30.000000 f Stop F |
| Res BW s glient Spectr RL RL C dB/div O | 10 kHz rum Analyzer - Swe RF 50 Q req 1.16500 Ref Offset 1 d | AC 100000 GH P IF | ↓z N0: Fast G |) Trig: Free | e Run | Avg Type | ALIGN AUTO :: Log-Pwr :>50/50 | 85.4 ms (DC Cou 06:19:16 AP TRAC TYP DE 1 2.280 | 3001 pts) pled (13001,1988 E 023456 MMMMMM T P P P P P 14 GHz D1 dBm | Auto Tr Center F 1.165000000 f Start F 30.000000 f Stop F 2.300000000 f |
| Res BW gilent Spectr gilent Spectr RL In RL CodeJ/div 9 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 | 10 kHz rum Analyzer - Swe RF 50 Q req 1.16500 Ref Offset 1 d Ref 20.00 d | B B B B B B B B B B B B B B B B B B B | Hz N0: Fast Gain:Low | SEA Trig: Free #Atten: 40 | e Run | Avg Type | ALIGN AUTO :: Log-Pwr :>50/50 | 85.4 ms (DC Cou 06:19:16 AP TRAC TYP DF 1 2.280 -46.91 | 3001 pts) pled (Jan DJ, 1988 E D2 3 4 5 6 Φ ΜΑΝΑΡΟ T P P P P P P 14 GHz D1 dBm | Auto Tr Center F 1.165000000 f Start F 30.000000 f Stop F 2.300000000 f |
| Res BW gilent Spectright RL gilent Spectright RL enter F Image: Spectright 0 dB/div 9 10.0 Image: Spectright | 10 kHz | B B B B B B B B B B B B B B B B B B B | Hz N0: Fast Gain:Low | SEA Trig: Free #Atten: 40 | | Avg Type | ALION AUTO E: Log-Pwr >50/50 | 85.4 ms (DC Cou 06:19:16 AF TRAC TRAC 1 2.280 -46.90 | 3001 pts) pled (Jan DJ, 1988 E D2 3 4 5 6 Φ ΜΑΝΑΡΟ T P P P P P P 14 GHz D1 dBm | Auto Tr Center F 1.165000000 f Start F 30.000000 f Stop F 2.300000000 f CF S 227.000000 f |
| Res BW s g ilent Spectr RL i center F | 10 kHz | B B B B B B B B B B B B B B B B B B B | Iz NO: Fast Gain:Low |) Trig: Free #Atten: 40 | | Avg Type Avg Hold | ALION AUTO E: Log-Pwr >50/50 | 85.4 ms (DC Cou 06:19:16 AF TRAC TRAC 1 2.280 -46.90 | 3001 pts) pled (Jan DJ, 1988 E D2 3 4 5 6 Φ ΜΑΝΑΡΟ T P P P P P P 14 GHz D1 dBm | Auto Tr Center F 1.165000000 f Start F 30.000000 f Stop F 2.300000000 f CF S 227.000000 f |
| Res BW gilent Spectr RL RL Code/div 9 10.0 20.00 20.00 40.00 20.00 | 10 kHz | B B B B B B B B B B B B B B B B B B B | Iz NO: Fast Gain:Low |) Trig: Free #Atten: 40 | | Avg Type Avg Hold | ALION AUTO E: Log-Pwr >50/50 | 85.4 ms (DC Cou 06:19:16 AF TRAC TRAC 1 2.280 -46.90 | 3001 pts) pled (Jan DJ, 1988 E D2 3 4 5 6 Φ ΜΑΝΑΡΟ T P P P P P P 14 GHz D1 dBm | Auto Tr Center F 1.165000000 0 Start F 30.000000 0 Stop F 2.300000000 0 CF S 227.000000 1 Auto |
| Res BW s g ilent Spectr RL i center F | 10 kHz | B B B B B B B B B B B B B B B B B B B | Iz NO: Fast Gain:Low |) Trig: Free #Atten: 40 | | Avg Type Avg Hold | ALION AUTO E: Log-Pwr >50/50 | 85.4 ms (DC Cou 06:19:16 AF TRAC TRAC 1 2.280 -46.90 | 3001 pts) pled (Jan DJ, 1988 E D2 3 4 5 6 Φ ΜΑΝΑΡΟ T P P P P P P 14 GHz D1 dBm | Auto Tr Center F 1.165000000 0 Start F 30.000000 0 Stop F 2.300000000 0 CF S 227.000000 1 Auto |
| Res BW gilent Spectright RL gilent Spectright RL enter F Image: Spectright context of the spectright Image: Spectright context of the spectre Image: Spectre | 10 kHz | B B B B B B B B B B B B B B B B B B B | Iz NO: Fast Gain:Low |) Trig: Free #Atten: 40 | | Avg Type Avg Hold | ALION AUTO E: Log-Pwr >50/50 | 85.4 ms (DC Cou 06:19:16 AF TRAC TRAC 1 2.280 -46.90 | 3001 pts) pled (Jan DJ, 1988 E D2 3 4 5 6 Φ ΜΑΝΑΡΟ T P P P P P P 14 GHz D1 dBm | Auto Tr Center F 1.165000000 0 Start F 30.000000 0 Stop F 2.300000000 0 CF S 227.000000 1 Auto |
| Res BW gilent Spectri RL In RL CodB/div 9 10.0 9 10.0< | 10 kHz | B B B B B B B B B B B B B B B B B B B | Hz NO: Fast Gain:Low |) Trig: Free #Atten: 40 | | Avg Type AvgHold: | ALIGN AUTO EL LOG-PWF >50/50 MIKF | 85.4 ms (DC Cou Co:19:16 AM TRAC TRAC 12.280 -46.91 -4 | 3001 pts) pled (13n 01, 1988 E 12 3 4 5 6 MAXMAN T P P P P P P 14 GHz 11 dBm -1202 48m -1202 48m -1202 48m -1202 48m -1202 48m -1202 48m -1202 48m -1202 48m | Auto Tr Center F 1.165000000 0 Start F 30.000000 0 Stop F 2.300000000 0 CF S 227.000000 0 Auto |

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| | <mark>rum Analyzer - Swe</mark> RF 50 Ω | | | CEN | ISE:INT | | ALIGN AUTO | 06:19:28 AI | Vilan (11 1099 | |
|--|---|---|--|---------------------------|--------------------------|---|--|--|---|---|
| | req 2.35000 | 0000 GH | NO: Fast 🔾 | . | e Run | | : Log-Pwr | TRAC | | Frequency |
| 0 dB/div | Ref Offset 1 d Ref 20.00 d | в | Gain:Low | #Atten: 40 | | | M | (r1 2.31) | 2 0 GHz 83 dBm | Auto Tur |
| | | | | | | | | | | Center Fre 2.350000000 Gł |
| 0.00 | | | | | | | | | | Start Fre |
| .0.0 | | | | | | | | | -12.02 dBm | 2.300000000 GH |
| 80.0 | | | | | | | | | | Stop Fre 2.400000000 Gi |
| 10.0 | ↓ ¹ | | | | | | | | | CF Ste 10.000000 MI Auto M |
| 50.0 Tailain 50.0 | Addition and a second a | notather | a Jughan ang alan | ndul menerati de la posta | Boys & The August Happen | http://www.thathathathathathathathathathathathathat | րելի։Այսեփյու | interreterreterreterreterreterreterreter | lination to an | Freq Offs |
| 70.0 | | | | | | | | | | 0 1 |
| | | | | | | | | Stop 2.44 | | |
| | 0000 GHz | | #\/B\M | 300 647 | | | Swoon 0 | 600 me / | 0000 GHz | |
| | 0000 GHz 100 kHz | | #VBW | 300 kHz | | | Sweep 9 | .600 ms (| 1000 GH2 1001 pts) | |
| Res BW | | pt SA | #VBW | 300 kHz | | | | .600 ms (| 1000 GHZ 1001 pts) | |
| Res BW sg gilent Spect | 100 kHz | AC 0000 GH P | ↓z N0: Fast G |) Trig: Free | NSE:INT | | STATUS | .600 ms (| 1001 pts) | Frequency |
| Res BW gilent Spect RL enter F | 100 kHz rum Analyzer - Swe RF 50 Ω | AC 0000 GH P IF | Hz | SEM | NSE:INT | Avg Type | STATUS ALIGN AUTO 200/200 | .600 ms (06:19:37 Al TRAC TY 01 .486 33 | 1001 pts) | |
| Res BW ^{gg} gilent Spect RL center F | 100 kHz rum Analyzer - Swe RF 50 ຂ Freq 2.49175 Ref Offset 1 d | AC 0000 GH P IF | ↓z N0: Fast G |) Trig: Free | NSE:INT | Avg Type | STATUS ALIGN AUTO 200/200 | .600 ms (06:19:37 Al TRAC TY 01 .486 33 | 1001 pts) MJan 01, 1988 1 2 3 4 5 6 MMMMMM P P P P P P 2 5 GHz | Auto Tu |
| Res BW gilent Spect RL enter F 0 dB/div | 100 kHz rum Analyzer - Swe RF 50 ຂ Freq 2.49175 Ref Offset 1 d | AC 0000 GH P IF | ↓z N0: Fast G |) Trig: Free | NSE:INT | Avg Type | STATUS ALIGN AUTO 200/200 | .600 ms (06:19:37 Al TRAC TY 01 .486 33 | 1001 pts) MJan 01, 1988 1 2 3 4 5 6 MMMMMM P P P P P P 2 5 GHz | Auto Tu Center Fro |
| Res BW gilent Spect RL center F | 100 kHz rum Analyzer - Swe RF 50 ຂ Freq 2.49175 Ref Offset 1 d | AC 0000 GH P IF | ↓z N0: Fast G |) Trig: Free | NSE:INT | Avg Type | STATUS ALIGN AUTO 200/200 | .600 ms (06:19:37 Al TRAC TY 01 .486 33 | 1001 pts) ^{MJan 01, 1988} E 23 4 5 6 MW-W-W-B P P P P P P 2 5 GHz 92 dBm | Auto Tur Center Fra 2.491750000 Gi Start Fra |
| Res BW ag gilent Spect RL enter F og 0 dB/div og 0.00 | 100 kHz rum Analyzer - Swe RF 50 ຂ Freq 2.49175 Ref Offset 1 d | AC 0000 GH P IF | ↓z N0: Fast G |) Trig: Free | NSE:INT | Avg Type | STATUS ALIGN AUTO 200/200 | .600 ms (06:19:37 Al TRAC TY 01 .486 33 | 1001 pts) MJan 01, 1988 1 2 3 4 5 6 MMMMMM P P P P P P 2 5 GHz | Auto Tur Center Fr 2.491750000 G Start Fr 2.483500000 G Stop Fr |
| Res BW G G G G G G G G G G G G G G G G G G G | 100 kHz rum Analyzer - Swe RF 50 ຂ Freq 2.49175 Ref Offset 1 d | AC 0000 GH P IF | ↓z N0: Fast G |) Trig: Free | NSE:INT | Avg Type | STATUS ALIGN AUTO 200/200 | .600 ms (06:19:37 Al TRAC TY 01 .486 33 | 1001 pts) ^{MJan 01, 1988} E 23 4 5 6 MW-W-W-B P P P P P P 2 5 GHz 92 dBm | Auto Tur Center Fro 2.491750000 Gl Start Fro 2.483500000 Gl Stop Fro 2.500000000 Gl |
| Res BW scient Spect RL odB/div og 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0 | 100 kHz rum Analyzer - Swe RF 50 Ω Freq 2.49175 Ref Offset 1 d Ref 20.00 d | B B B B B B B B B B B B B B B B B B B | IZ N0: Fast Gain:Low | Trig: Free #Atten: 40 | NSE-INT | Avg Type Avg Hold: | ALIGN AUTO 2: Log-Pwr 2: 200/200 Mkr1 2 | 06:19:37 A | 1001 pts) | Auto Tur Center Fra 2.491750000 Gl Start Fra 2.483500000 Gl Stop Fra 2.500000000 Gl CF Sta 1.650000 Ml |
| Res BW a glient Spect RL odB/div og 000 000 000 000 000 000 000 000 000 | 100 kHz rum Analyzer - Swe RF 50 Ω Freq 2.49175 Ref Offset 1 d Ref 20.00 d | B B B B B B B B B B B B B B B B B B B | ↓z N0: Fast G | Trig: Free #Atten: 40 | NSE-INT | Avg Type Avg Hold: | ALIGN AUTO 2: Log-Pwr 2: 200/200 Mkr1 2 | 06:19:37 A | 1001 pts) | Auto Tur Center Fra 2.491750000 Gl Start Fra 2.483500000 Gl Stop Fra 2.500000000 Gl CF Sta 1.650000 Mi Auto Mi |
| Res BW G G G G G G G G G G G G G G G G G G G | 100 kHz rum Analyzer - Swe RF 50 Ω Freq 2.49175 Ref Offset 1 d Ref 20.00 d | B B B B B B B B B B B B B B B B B B B | IZ N0: Fast Gain:Low | Trig: Free #Atten: 40 | NSE-INT | Avg Type Avg Hold: | ALIGN AUTO 2: Log-Pwr 2: 200/200 Mkr1 2 | 06:19:37 A | 1001 pts) | Auto Tur Center Fra 2.491750000 Gl Start Fra 2.483500000 Gl Stop Fra 2.500000000 Gl CF Sta 1.650000 Mi Auto Mi |
| Res BW 36 37 38 39 30 30 30 30 30 30 30 30 30 30 | 100 kHz rum Analyzer - Swe RF 50 Ω Freq 2.49175 Ref Offset 1 d Ref 20.00 d | B B B B B B B B B B B B B B B B B B B | ועריין אין אין אין אין אין אין אין אין אין | Trig: Free #Atten: 40 | SEINT | Avg Type Avg Hold: | ALIGN AUTO E: Log-Pwr >200/200 Mkr1 2 | .600 ms (06:19:37 A TRAC TW .486 333 -48.0 | 1001 pts) | Auto Tur Center Fre 2.491750000 Gł Start Fre 2.483500000 Gł Stop Fre 2.500000000 Gł CF Ste 1.650000 Mł |

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| | RF 50Ω | | | SEM | VSE:INT | | ALIGN AUTO | | M Jan 01, 1988 | Frequency |
|--------------|-------------------------------|----|------------------------------|----------------------------|---------|---|--------------------|-------------------|--|--|
| enter Freq | 14.50000 | PI | HZ NO: Fast 🖵 Gain:Low |) Trig: Free #Atten: 40 | | Avg Type Avg Hold: | : Log-Pwr 10/10 | TRAC TY D | ^{се} 12345 6 Реминични ТРРРРРР | rrequency |
| | ef Offset 1 di ef 20.00 di | | | | | | Μ | kr1 26.4 -38.5 | 82 GHz 83 dBm | Auto Tun |
| | | | | | | | | | | Center Fre 14.500000000 G⊦ |
| 00 | | | | | | | | | -12.02 dBm | Start Fre 2.500000000 GF |
|).0).0 | | | | | | | | | | Stop Fre 26.50000000 GF |
| | | | a still for all the still | | | n da serie de la serie de l La serie de la s | | | 1 koongeleitettet | CF Ste 2.400000000 GH <u>Auto</u> Ma |
| 1.0 | | | | | | | | | | Freq Offs 0 H |
| tart 2.50 GH | lz) kHz | | | 300 kHz | | | | Stop 2 | 6.50 GHz 8001 pts) | |

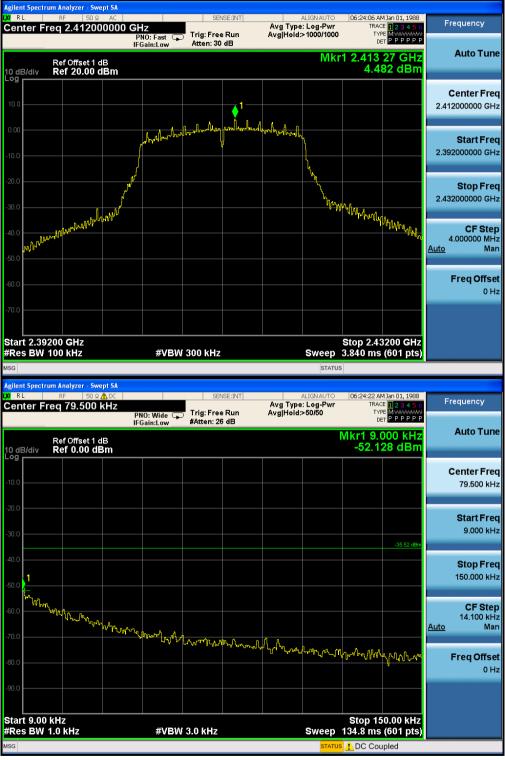


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4.8.1.1.4 802.11G_Lowest Channel



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| | rum Analyzer - Sv RF 50: | | | SEN | NSE:INT | | ALIGN AUTO | 06:24:44 8 | M Jan 01, 1988 | | |
|--|--|-------------------------------|------------------------------|--------------------------------|-----------------|------------------------------|--|--|--|---|---|
| | req 15.075 | 000 MHz | 2 | | | | : Log-Pwr | | | Frequ | ency |
| | | | PNO: Fast 🖵 FGain:Low | Trig: Free #Atten: 40 | | Avginoia. | >50/50 | DI | PPPPP | | |
| | Ref Offset 1 | dB | | | | | | | 150 kHz | Au | to Tun |
| 0 dB/div | Ref 20.00 | dBm | | | | | | -40.5 | 57 dBm | | |
| | | | | | | | | | | Cen | ter Fre |
| 10.0 | | | | | | | | | | 15.075 | 000 MH |
| | | | | | | | | | | | |
| 0.00 | | | | | | | | | | St | artFre |
| 10.0 | | | | | | | | | | | .000 kł |
| | | | | | | | | | | | |
| 20.0 | | | | | | | | | | St | op Fre |
| ~~~~ | | | | | | | | | -25.52 dBm | | 000 MH |
| 30.0 | | | | | | | | | | | |
| -40.0 | | | | | | | | | | | CF Ste |
| | | | | | | | | | | 2.985 Auto | 000 MH Ma |
| 50.0 | | | | | | | | | | | |
| ~ . | | | | | | | | | | Fre | q Offs |
| 60.0 Kanal | al al anna an a | d where the second | وإواللها بنيو الدونة | | a she and a she | and the second second second | and the standard life | all the second second | | | 0 F |
| 70.0 | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| Start 150 | kHz | | | | | | 1 | Stop 3 | 0.00 MHz | | |
| Start 150 #Res BW | | | #VBW | 30 kHz | | | Sweep 2 | | 0.00 MHz (3001 pts) | | |
| | | | #VBW | 30 kHz | | | <u> </u> | | 3001 pts) | | |
| #Res BW ISG Agilent Spect | 10 kHz rum Analyzer - Sv | | #VBW | | | | STATUS | 85.4 ms (| 3001 pts) upled | | |
| #Res BW ISG Agilent Spect | 10 kHz rum Analyzer - Sv | Ω AC | iHz | SEM | | Avg Type | STATUS ALIGN AUTO | 85.4 ms (| 3001 pts) upled | Frequ | ency |
| #Res BW ISG Agilent Spect | 10 kHz rum Analyzer - Sv RF 50: | Ω AC 100000 G | | SEM | e Run | | STATUS ALIGN AUTO | 85.4 ms (| 3001 pts) upled | | |
| FRes BW | 10 kHz rum Analyzer - Sv RF 50 Freq 1.1650 | Ω AC 100000 G 1 | Hz PNO: Fast 😱 |) Trig: Free | e Run | Avg Type | STATUS ALIGN AUTO 2: Log-Pwr >50/50 | 85.4 ms (DC Cou 06:25:05 Al TRAC TY DI 1 1.749 | 3001 pts) upled MJan 01, 1988 E 1 2 3 4 5 6 MMMMMM E P P P P P 81 GHz | | |
| FRes BW ss gilent Spect a RL Center F O dB/div | 10 kHz rum Analyzer - Sv RF 50: | Ω AC 1000000 G I dB | Hz PNO: Fast 😱 |) Trig: Free | e Run | Avg Type | STATUS ALIGN AUTO 2: Log-Pwr >50/50 | 85.4 ms (DC Cou 06:25:05 Al TRAC TY DI 1 1.749 | (3001 pts) upled MJan 01, 1988 E 1 2 3 4 5 6 MWWWW ET P P P P P | | |
| FRes BW ss gilent Spect a RL Center F O dB/div | 10 kHz rum Analyzer - So RF 50 Freq 1.1650 Ref Offset 1 | Ω AC 1000000 G I dB | Hz PNO: Fast 😱 |) Trig: Free | e Run | Avg Type | STATUS ALIGN AUTO 2: Log-Pwr >50/50 | 85.4 ms (DC Cou 06:25:05 Al TRAC TY DI 1 1.749 | 3001 pts) upled MJan 01, 1988 E 1 2 3 4 5 6 MMMMMM E P P P P P 81 GHz | Au | to Tur |
| FRes BW ss gilent Spect a RL Center F O dB/div | 10 kHz rum Analyzer - So RF 50 Freq 1.1650 Ref Offset 1 | Ω AC 1000000 G I dB | Hz PNO: Fast 😱 |) Trig: Free | e Run | Avg Type | STATUS ALIGN AUTO 2: Log-Pwr >50/50 | 85.4 ms (DC Cou 06:25:05 Al TRAC TY DI 1 1.749 | 3001 pts) upled MJan 01, 1988 E 1 2 3 4 5 6 MMMMMM E P P P P P 81 GHz | Au | to Tur ter Fre |
| #Res BW Isg Igilent Spect Center F Center F 10 dB/div | 10 kHz rum Analyzer - So RF 50 Freq 1.1650 Ref Offset 1 | Ω AC 1000000 G I dB | Hz PNO: Fast 😱 |) Trig: Free | e Run | Avg Type | STATUS ALIGN AUTO 2: Log-Pwr >50/50 | 85.4 ms (DC Cou 06:25:05 Al TRAC TY DI 1 1.749 | 3001 pts) upled MJan 01, 1988 E 1 2 3 4 5 6 MMMMMM E P P P P P 81 GHz | Au Cen | to Tur ter Fre |
| #Res BW Isg Igjient Spect RL Center F Center F IO dB/div | 10 kHz rum Analyzer - So RF 50 Freq 1.1650 Ref Offset 1 | Ω AC 1000000 G I dB | Hz PNO: Fast 😱 |) Trig: Free | e Run | Avg Type | STATUS ALIGN AUTO 2: Log-Pwr >50/50 | 85.4 ms (DC Cou 06:25:05 Al TRAC TY DI 1 1.749 | 3001 pts) upled MJan 01, 1988 E 1 2 3 4 5 6 MMMMMM E P P P P P 81 GHz | Au Cen 1.165000 | to Tur ter Fre |
| fRes BW sc glent Spect glent Spect glent Spect content F Center F 10.0 0 dB/div 0 dB/div 0 0 dB/div 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 10 kHz rum Analyzer - So RF 50 Freq 1.1650 Ref Offset 1 | Ω AC 1000000 G I dB | Hz PNO: Fast 😱 |) Trig: Free | e Run | Avg Type | STATUS ALIGN AUTO 2: Log-Pwr >50/50 | 85.4 ms (DC Cou 06:25:05 Al TRAC TY DI 1 1.749 | 3001 pts) upled MJan 01, 1988 E 1 2 3 4 5 6 MMMMMM E P P P P P 81 GHz | Au Cen 1.165000 St | to Tur ter Fre 2000 GH art Fre |
| #Res BW Isg Igilent Spect Center F Center F 10 dB/div | 10 kHz rum Analyzer - So RF 50 Freq 1.1650 Ref Offset 1 | Ω AC 1000000 G I dB | Hz PNO: Fast 😱 |) Trig: Free | e Run | Avg Type | STATUS ALIGN AUTO 2: Log-Pwr >50/50 | 85.4 ms (DC Cou 06:25:05 Al TRAC TY DI 1 1.749 | 3001 pts) upled MJan 01, 1988 E 1 2 3 4 5 6 MMMMMM E P P P P P 81 GHz | Au Cen 1.165000 St | to Tur ter Fre 2000 GH art Fre |
| #Res BW sc glent Spect RL Center F Center F 10.0 0.00 10.0 | 10 kHz rum Analyzer - So RF 50 Freq 1.1650 Ref Offset 1 | Ω AC 1000000 G I dB | Hz PNO: Fast 😱 |) Trig: Free | e Run | Avg Type | STATUS ALIGN AUTO 2: Log-Pwr >50/50 | 85.4 ms (DC Cou 06:25:05 Al TRAC TY DI 1 1.749 | (3001 pts) upled Mian 01, 1988 E 12 34 56 MWANNE TP P P P P P 81 GHz 21 dBm | Au Cen 1.165000 St 30.000 | to Tur ter Fre 0000 GH art Fre |
| #Res BW isc gilent Spect R R Center F Center F 10.0 20.0 20.0 | 10 kHz rum Analyzer - So RF 50 Freq 1.1650 Ref Offset 1 | Ω AC 1000000 G I dB | Hz PNO: Fast 😱 |) Trig: Free | e Run | Avg Type | STATUS ALIGN AUTO 2: Log-Pwr >50/50 | 85.4 ms (DC Cou 06:25:05 Al TRAC TY DI 1 1.749 | (3001 pts) upled Mian 01, 1988 E 12 34 56 MWANNE TP P P P P P 81 GHz 21 dBm | Au Cen 1.165000 St 30.000 | to Tur ter Fre 2000 GH art Fre 2000 MH |
| #Res BW ssg glient Spect R R Center F Center F 10 dB/div 0 0 10 0 | 10 kHz rum Analyzer - So RF 50 Freq 1.1650 Ref Offset 1 | Ω AC 1000000 G I dB | Hz PNO: Fast 😱 |) Trig: Free | e Run | Avg Type | STATUS ALIGN AUTO 2: Log-Pwr >50/50 | 85.4 ms (DC Cou 06:25:05 Al TRAC TY DI 1 1.749 | (3001 pts) upled Mian 01, 1988 E 12 34 56 MWANNE TP P P P P P 81 GHz 21 dBm | Au Cen 1.165000 St 30.000 | to Tur ter Fre 2000 GH art Fre 2000 MH |
| #Res BW ssg gillont Spect @ RL @ RL Center F 0.00 10.0 20.0 30.0 | 10 kHz rum Analyzer - So RF 50 Freq 1.1650 Ref Offset 1 | Ω AC 1000000 G I dB | Hz PNO: Fast 😱 |) Trig: Free | e Run | Avg Type | STATUS ALIGN AUTO 2: Log-Pwr >50/50 | 85.4 ms (DC Cou 06:25:05 Al TRAC TY DI 1 1.749 | (3001 pts) upled Mian 01, 1988 E 12 34 56 MWANNE TP P P P P P 81 GHz 21 dBm | Au Cen 1.165000 St 2.300000 | to Tur ter Fre 2000 GH art Fre 2000 GH CF Ste |
| #Res BW isglient Spect igglient Spect @ RL Conter F 0 dB/div 0 0 dB/div 20 0 10 0 20 0 30 0 40 0 | rum Analyzer - So R∉ 50 Freq 1.1650 Ref Offset 1 Ref 20.00 | 2 AC 100000 G dB dBm | Hz PN0: Fast G | SB Trig: Free #Atten: 40 | e Run 0 dB | Avg Type Avg Hold | STATUS ALIGN AUTO 2: Log-Pwr >50/50 | 85.4 ms (DC Cou 06:25:05 Al TRAC TY DI 1 1.749 | (3001 pts) upled Mian 01, 1988 E 12 34 56 MWANNE TP P P P P P 81 GHz 21 dBm | Au Cen 1.165000 St 30.000 St 2.300000 | to Tur ter Fre 2000 GH art Fre 2000 MH 2000 GH CF Ste |
| #Res BW isglient Spect igglient Spect @ RL Conter F 0 dB/div 0 0 dB/div 20 0 10 0 20 0 30 0 40 0 | 10 kHz rum Analyzer - So RF 50 Freq 1.1650 Ref Offset 1 | 2 AC 100000 G dB dBm | Hz PNO: Fast FGain:Low | SB Trig: Free #Atten: 40 | | Avg Type Avg Hold: | ALIGN.AUTO E: Log-Pwr >50/50 MKr | 85.4 ms (DC Cou 06:25:05 Al TRAC TY DI 1 1.749 | (3001 pts) upled Mian 01, 1988 E 12 34 56 MWANNE TP P P P P P 81 GHz 21 dBm | Au Cen 1.165000 St 30.000 St 2.300000 | to Tur ter Fre 2000 GH art Fre 2000 MH 2000 GH CF Ste |
| #Res BW Iss Isglient Spect Iglient Spect Isglient Spect Is | rum Analyzer - So R∉ 50 Freq 1.1650 Ref Offset 1 Ref 20.00 | 2 AC 100000 G dB dBm | Hz PNO: Fast FGain:Low | SB Trig: Free #Atten: 40 | | Avg Type Avg Hold: | ALIGN.AUTO E: Log-Pwr >50/50 MKr | 85.4 ms (DC Cou 06:25:05 Al TRAC TY DI 1 1.749 | (3001 pts) upled Mian 01, 1988 E 12 34 56 MWANNE TP P P P P P 81 GHz 21 dBm | Au Cen 1.165000 St 30.000 St 2.300000 Auto | to Tur ter Fre 1000 GF 1000 MH 1000 MH 1000 GF 1000 GF 1000 MH 1000 MH 1000 MH |
| #Res BW Iss Isglient Spect Iglient Spect Isglient Spect Is | rum Analyzer - So R∉ 50 Freq 1.1650 Ref Offset 1 Ref 20.00 | 2 AC 100000 G dB dBm | Hz PNO: Fast FGain:Low | SB Trig: Free #Atten: 40 | | Avg Type Avg Hold: | ALIGN.AUTO E: Log-Pwr >50/50 MKr | 85.4 ms (DC Cou 06:25:05 Al TRAC TY DI 1 1.749 | (3001 pts) upled Mian 01, 1988 E 12 34 56 MWANNE TP P P P P P 81 GHz 21 dBm | Au Cen 1.165000 St 30.000 St 2.300000 Auto | to Tur ter Fre 10000 GF art Fre 10000 MF 0000 GF CF Ste 10000 MF Ma |
| #Res BW tsg | rum Analyzer - So R∉ 50 Freq 1.1650 Ref Offset 1 Ref 20.00 | 2 AC 100000 G dB dBm | Hz PNO: Fast FGain:Low | SB Trig: Free #Atten: 40 | | Avg Type Avg Hold: | ALIGN.AUTO E: Log-Pwr >50/50 MKr | 85.4 ms (DC Cou 06:25:05 Al TRAC TY DI 1 1.749 | (3001 pts) upled Mian 01, 1988 E 12 34 56 MWANNE TP P P P P P 81 GHz 21 dBm | Au Cen 1.165000 St 30.000 St 2.300000 Auto | to Tur ter Fre 0000 GH art Fre 0000 GH 000 GH CF Ste 0000 MH Ma |
| #Res BW Iss Isglent Spect Iglent Spect Isglent Spect | rum Analyzer - So R∉ 50 Freq 1.1650 Ref Offset 1 Ref 20.00 | 2 AC 100000 G dB dBm | Hz PNO: Fast FGain:Low | SB Trig: Free #Atten: 40 | | Avg Type Avg Hold: | ALIGN.AUTO E: Log-Pwr >50/50 MKr | 85.4 ms (DC Cou 06:25:05 Al TRAC TY DI 1 1.749 | (3001 pts) upled Mian 01, 1988 E 12 34 56 MWANNE TP P P P P P 81 GHz 21 dBm | Au Cen 1.165000 St 30.000 St 2.300000 Auto | to Tur ter Fre 10000 GF art Fre 10000 MF 0000 GF CF Ste 10000 MF Ma |
| #Res BW ssi gillont Spect @ RL Center F 0.000 .000 .000 .000 | rum Analyzer - So RF So Freq 1.1650 Ref Offset 1 Ref 20.00 | 2 AC 100000 G dB dBm | Hz PNO: Fast FGain:Low | SB Trig: Free #Atten: 40 | | Avg Type Avg Hold: | ALIGN.AUTO E: Log-Pwr >50/50 MKr | 85.4 ms (DC Cou 06:25:05 A 106:25:05 A 107 117 11749 -45.5 | 3001 pts) upled MJan 01, 1988 EF 12 3 4 5 6 MY MARKEN AND AND AND AND AND AND AND AND AND AN | Au Cen 1.165000 St 30.000 St 2.300000 Auto | to Tur ter Fre 10000 GF art Fre 10000 MF 0000 GF CF Ste 10000 MF Ma |
| #Res BW Iss Isglent Spect Iglent Spect In a B/div In a B/ | rum Analyzer - So RF So Freq 1.1650 Ref Offset 1 Ref 20.00 | 2 AC 100000 G dB dBm | Hz PN0: Fast Gain:Low | SB Trig: Free #Atten: 40 | e Run D dB | | ALIGN AUTO E: Log-Pwr >50/50 MIKr 1 - - - - - - - - - - - - - - | 85.4 ms (DC Cou Co:25:05 A TRAC TY DI 1 1.749 -45.5 -45.5 | (3001 pts) upled Mian 01, 1988 E 12 34 56 MWANNE TP P P P P P 81 GHz 21 dBm | Au Cen 1.165000 St 30.000 St 2.300000 Auto | to Turn ter Fre 2000 GF art Fre 2000 MF 2000 GF |

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| RL | rum Analyzer - Swe RF 50 Ω | AC | | SEN | SE:INT | | ALIGNAUTO | | M Jan 01, 1988 | Frequency |
|--|--|---|--|---------------------------------|-----------------------|---|--|--|---|---|
| enter F | req 2.35000 | Р | NO: Fast 😱 Gain:Low | Trig: Free #Atten: 40 | | Avg Type Avg Hold: | ≘:Log-Pwr :>200/200 | TYI DI | CE 123456 E MWWWWW F P P P P P P | Troquonoy |
|) dB/div | Ref Offset 1 d Ref 20.00 d | B | | | | | M | (r1 2.39) -33.0 | 7 9 GHz 13 dBm | Auto Tu |
| | Kei 20.00 u | | | | | | | | | |
| 0.0 | | | | | | | | | | Center Fr |
| 0.0 | | | | | | | | | | 2.350000000 G |
| .00 | | | | | | | | | | |
| | | | | | | | | | | Start Fr 2.300000000 G |
| 0.0 | | | | | | | | | -15.52 dBm | 2.0000000000 |
| 0.0 | | | | | | | | | | Stop Er |
| | | | | | | | | | 4 | Stop Fr 2.400000000 G |
| 0.0 | | | | | | | | | (' | |
| 0.0 | | | | | | | | | a martine | CF St |
| 0.0 | | | | | | | | | W. W. | 10.000000 M Auto M |
| 0.0 <mark></mark> | Wedgen Jaw Margare Mark | ikykan "Wyr-law | A terretor all visitions | a partition and a | and the second second | Constant of the state of the | antentanterpe | and company dige | <u>A</u> r | |
| | | | | | | | | | | Freq Offs |
| 0.0 | | | | | | | | | | 0 |
| 0.0 | | | | | | | | | | |
| | | | | | | | | | | |
| tart 2.30 | 0000 GHz | | | | | | | Stop 2.40 | 0000 GHz | |
| Dee BM | | | | | | | | | | |
| | 100 kHz | | #VBW | 300 kHz | | | Sweep 9 | | 1001 pts) | |
| IG BW | 100 kHz | | #VBW | 300 kHz | | | Sweep 9 | | 1001 pts) | |
| G gilent Spect | rum Analyzer - Swe | | #VBW | | | | STATUS | 5 | | |
| iG jilent Spect R L | | AC | Hz | SEN | ISE:INT | Avg Type | STATUS ALIGN AUTO | 06:25:27 Al | MJan 01, 1988 2 11 2 3 4 5 6 | Frequency |
| iG jilent Spect R L | <mark>rum Analyzer - Swe</mark> RF 50 Ω | AC 0000 GH P | | | ISE:INT | | ALIGN AUTO 2: Log-Pwr >200/200 | 06:25:27 Al TRAC TYI DI | MJan 01, 1988 E 1 2 3 4 5 6 PE MWWWWW T P P P P P P | |
| g ilent Spect RL enter F | rum Analyzer - Swe RF 50 ହ req 2.49175 Ref Offset 1 d | AC 00000 Gł P IF | lz NO: Fast ♀ | SEM Trig: Free | ISE:INT | Avg Type | ALIGN AUTO 2: Log-Pwr >200/200 | 06:25:27 AI | MJan 01, 1988 # 1 2 3 4 5 6 M WWWWW T P P P P P P P 5 0 GHz | |
| g ilent Spect RL enter F | rum Analyzer - Swe RF 50 Ձ req 2.49175 | AC 00000 Gł P IF | lz NO: Fast ♀ | SEM Trig: Free | ISE:INT | Avg Type | ALIGN AUTO 2: Log-Pwr >200/200 | 06:25:27 AI | MJan 01, 1988 E 1 2 3 4 5 6 PE MWWWWW T P P P P P P | |
| i <mark>lent Spect</mark> RL enter F O dB/div | rum Analyzer - Swe RF 50 ହ req 2.49175 Ref Offset 1 d | AC 00000 Gł P IF | lz NO: Fast ♀ | SEM Trig: Free | ISE:INT | Avg Type | ALIGN AUTO 2: Log-Pwr >200/200 | 06:25:27 AI | MJan 01, 1988 # 1 2 3 4 5 6 M WWWWW T P P P P P P P 5 0 GHz | Auto Tu Center Fr |
| i <mark>lent Spect</mark> RL enter F O dB/div | rum Analyzer - Swe RF 50 ହ req 2.49175 Ref Offset 1 d | AC 00000 Gł P IF | lz NO: Fast ♀ | SEM Trig: Free | ISE:INT | Avg Type | ALIGN AUTO 2: Log-Pwr >200/200 | 06:25:27 AI | MJan 01, 1988 # 1 2 3 4 5 6 M WWWWW T P P P P P P P 5 0 GHz | Auto Tu Center Fr |
| ig ilent Spect RL enter F O dB/div og 0.0 | rum Analyzer - Swe RF 50 ହ req 2.49175 Ref Offset 1 d | AC 00000 Gł P IF | lz NO: Fast ♀ | SEM Trig: Free | ISE:INT | Avg Type | ALIGN AUTO 2: Log-Pwr >200/200 | 06:25:27 AI | MJan 01, 1988 # 1 2 3 4 5 6 M WWWWW T P P P P P P P 5 0 GHz | Auto Tu Center Fr |
| ig ilent Spect RL enter F O dB/div og 0.0 | rum Analyzer - Swe RF 50 ହ req 2.49175 Ref Offset 1 d | AC 00000 Gł P IF | lz NO: Fast ♀ | SEM Trig: Free | ISE:INT | Avg Type | ALIGN AUTO 2: Log-Pwr >200/200 | 06:25:27 AI | MJan 01, 1988 # 1 2 3 4 5 6 M WWWWW T P P P P P P P 5 0 GHz | Auto Tu Center Fr 2.491750000 G Start Fr |
| ig ilent Spect RL enter F 0 dB/div 9 0 0 | rum Analyzer - Swe RF 50 ହ req 2.49175 Ref Offset 1 d | AC 00000 Gł P IF | lz NO: Fast ♀ | SEM Trig: Free | ISE:INT | Avg Type | ALIGN AUTO 2: Log-Pwr >200/200 | 06:25:27 AI | MJan 01, 1988 E 12 3 4 5 6 MMMMM ST P P P P P P 5 0 GHz 50 dBm | Auto Tur Center Fr 2.491750000 G Start Fr |
| is ilent Spect RL enter F | rum Analyzer - Swe RF 50 ହ req 2.49175 Ref Offset 1 d | AC 00000 Gł P IF | lz NO: Fast ♀ | SEM Trig: Free | ISE:INT | Avg Type | ALIGN AUTO 2: Log-Pwr >200/200 | 06:25:27 AI | MJan 01, 1988 # 1 2 3 4 5 6 M WWWWW T P P P P P P P 5 0 GHz | Auto Tur Center Fr 2.491750000 G Start Fr 2.483500000 G |
| g RL Penter F 0 dB/div 0 g 0.00 0.00 | rum Analyzer - Swe RF 50 ହ req 2.49175 Ref Offset 1 d | AC 00000 Gł P IF | lz NO: Fast ♀ | SEM Trig: Free | ISE:INT | Avg Type | ALIGN AUTO 2: Log-Pwr >200/200 | 06:25:27 AI | MJan 01, 1988 E 12 3 4 5 6 MMMMM ST P P P P P P 5 0 GHz 50 dBm | Auto Tu Center Fr 2.491750000 G Start Fr 2.483500000 G Stop Fr |
| is ilent Spect RL enter F | rum Analyzer - Swe RF 50 ହ req 2.49175 Ref Offset 1 d | AC 00000 Gł P IF | lz NO: Fast ♀ | SEM Trig: Free | ISE:INT | Avg Type | ALIGN AUTO 2: Log-Pwr >200/200 | 06:25:27 AI | MJan 01, 1988 E 12 3 4 5 6 MMMMM ST P P P P P P 5 0 GHz 50 dBm | Auto Tu Center Fr 2.491750000 G Start Fr 2.483500000 G Stop Fr |
| G | rum Analyzer - Swe RF 50 ହ req 2.49175 Ref Offset 1 d | AC 00000 Gł P IF | lz NO: Fast ♀ | SEM Trig: Free | ISE:INT | Avg Type | ALIGN AUTO 2: Log-Pwr >200/200 | 06:25:27 AI | MJan 01, 1988 E 12 3 4 5 6 MMMMM ST P P P P P P 5 0 GHz 50 dBm | Auto Tu Center Fr 2.491750000 G Start Fr 2.483500000 G Stop Fr 2.500000000 G |
| G | rum Analyzer - Swe RF 50 ହ req 2.49175 Ref Offset 1 d | AC 00000 Gł P IF | lz NO: Fast ♀ | SEM Trig: Free | ISE:INT | Avg Type | ALIGN AUTO 2: Log-Pwr >200/200 | 06:25:27 AI | MJan 01, 1988 E 12 3 4 5 6 MMMMM ST P P P P P P 5 0 GHz 50 dBm | Auto Tu Center Fr 2.491750000 G Start Fr 2.483500000 G Stop Fr 2.50000000 G CF Ste 1.650000 M |
| C dB/div | rum Analyzer - Swe RF 50 Ω Ref Offset 1 d Ref 20.00 d | B B B B B B B B B B B B B B B B B B B | Hz NO: Fast Gain:Low | SEA Trig: Free #Atten: 40 | ise.int | Avg Type Avg Hold: | status aLignauto a: Log-Pwr >200/200 | 06:25:27 AI TRAG TRAG TRAG TRAG TRAG TRAG TRAG TRAG | MJan 01, 1988 E 12 3 4 5 6 Mwwwww T P P P P P P 5 0 GHz 50 dBm | |
| C dB/div C dB/d | rum Analyzer - Swe RF 50 Ω Ref Offset 1 d Ref 20.00 d | B B B B B B B B B B B B B B B B B B B | lz NO: Fast ♀ | SEA Trig: Free #Atten: 40 | ise.int | Avg Type Avg Hold: | status aLignauto a: Log-Pwr >200/200 | 06:25:27 AI TRAG TRAG TRAG TRAG TRAG TRAG TRAG TRAG | MJan 01, 1988 E 12 3 4 5 6 Mwwwww T P P P P P P 5 0 GHz 50 dBm | Auto Tur Center Fr 2.491750000 G Start Fr 2.483500000 G Stop Fr 2.500000000 G CF Sto 1.550000 M Auto M |
| G RL enter F 0 dB/div 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | rum Analyzer - Swe RF 50 Ω Ref Offset 1 d Ref 20.00 d | B B B B B B B B B B B B B B B B B B B | Hz NO: Fast Gain:Low | SEA Trig: Free #Atten: 40 | ise.int | Avg Type Avg Hold: | status aLignauto a: Log-Pwr >200/200 | 06:25:27 AI TRAG TRAG TRAG TRAG TRAG TRAG TRAG TRAG | MJan 01, 1988 E 12 3 4 5 6 Mwwwww T P P P P P P 5 0 GHz 50 dBm | Auto Tu Center Fr 2.491750000 G Start Fr 2.483500000 G Stop Fr 2.500000000 G CF Str 1.650000 M Auto M |
| ici RL RL Image: second seco | rum Analyzer - Swe RF 50 Ω Ref Offset 1 d Ref 20.00 d | B B B B B B B B B B B B B B B B B B B | Hz NO: Fast Gain:Low | SEA Trig: Free #Atten: 40 | ise.int | Avg Type Avg Hold: | status aLignauto a: Log-Pwr >200/200 | 06:25:27 AI TRAG TRAG TRAG TRAG TRAG TRAG TRAG TRAG | MJan 01, 1988 E 12 3 4 5 6 Mwwwww T P P P P P P 5 0 GHz 50 dBm | Auto Tu Center Fr 2.491750000 G Start Fr 2.483500000 G Stop Fr 2.500000000 G CF Str 1.650000 M Auto M |
| C dB/div | rum Analyzer - Swe RF 50 Ω Ref Offset 1 d Ref 20.00 d | B B B B B B B B B B B B B B B B B B B | Hz NO: Fast Gain:Low | SEA Trig: Free #Atten: 40 | ise.int | Avg Type Avg Hold: | status aLignauto a: Log-Pwr >200/200 | 06:25:27 AI TRAG TRAG TRAG TRAG TRAG TRAG TRAG TRAG | MJan 01, 1988 E 12 3 4 5 6 Mwwwww T P P P P P P 5 0 GHz 50 dBm | Auto Tu Center Fr 2.491750000 G Start Fr 2.483500000 G Stop Fr 2.50000000 G CF Ste 1.650000 M |
| G G RL RL | rum Analyzer - Swe RF 50 Q req 2.49175 Ref Offset 1 d Ref 20.00 d " " " " " " " " " " " " " " " " " " " | B B B B B B B B B B B B B B B B B B B | Hz NO: Fast Gain:Low | SEA Trig: Free #Atten: 40 | ise.int | Avg Type Avg Hold: | ALIGNAUTO 2: Log-Pwr >2007200 Mkr1 2 | 06:25:27 Al TRAG TRAG TRAG TRAG TRAG TRAG TRAG TRAG | MJan 01, 1988 E 12 3 4 5 6 M www.www er P P P P P P 5 0 GHz 50 dBm | Auto Tu Center Fr 2.491750000 G Start Fr 2.483500000 G Stop Fr 2.500000000 G CF Str 1.650000 M Auto M |
| G Image: Spectrum of the spectru | rum Analyzer - Swe RF 50 Ω Ref Offset 1 d Ref 20.00 d | B B B B B B B B B B B B B B B B B B B | ועריין איז | SEA Trig: Free #Atten: 40 | SEINT | Avg Type Avg Hold: | status aLignauto 2: Log-Pwr >200/200 Mkr1 2 | الم:25:27 Al TRAI TRAI TRAI TRAI TRAI TRAI TRAI TRAI | MJan 01, 1988 E 12 3 4 5 6 M WAYNAWA T P P P P P P 5 0 GHz 50 dBm | Auto Tu Center Fr 2.491750000 G Start Fr 2.483500000 G Stop Fr 2.500000000 G CF Str 1.650000 M Auto M |

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| RL | reg 14.500 | | | SEN | ISE:INT | | ALIGN AUTO | TRAC | 4 Jan 01, 1988 E <mark>1 2 3 4 5 6</mark> | Frequency |
|---------------------|---------------------------|---|------------------------|--------------------------|---------------|-----------|------------|---------------------|--|-------------------------------------|
| | eq 14.500 | Р | NO: Fast 😱 Gain:Low | Trig: Free #Atten: 40 | | Avg Hold: | | T Y P DE | E M WWWWW T P P P P P P | |
| 0 dB/div | Ref Offset 1 Ref 20.00 | | | | | | Μ | kr1 26.4 -37.4 | 88 GHz 78 dBm | Auto Tun |
| 10.0 | | | | | | | | | | Center Fre 14.500000000 G⊦ |
| .00 D.0 | | | | | | | | | | Start Fre 2.500000000 GH |
| D.O | | | | | | | | | -15.52 dBm | Stop Fre 26.50000000 GH |
| 0.0 | | | | | فألال والعالم | | | Natural data | 1 | CF Ste 2.400000000 GH Auto Ma |
| | a shadhan shadhada | | | | | | | | | Freq Offs |
| 0.0 | | | | | | | | | | |
| tart 2.50 Pes BM | GHz 100 kHz | | #\/RM | 300 kHz | | | Sween | Stop 2 2.294 s (| 6.50 GHz | |



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4.8.1.1.5 802.11G_ Middle Channel



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| | rum Analyzer - Sv RF 50: | | | SEľ | VSE:INT | | ALIGN AUTO | | M Jan 01, 1988 | - | |
|--|---|---------------------------------|------------------------------|---------------------------------|---|-----------------------|--|---|--|--|---|
| enter F | req 15.075 | | PNO: Fast 🖵 FGain:Low | Trig: Free #Atten: 40 | | Avg Type Avg Hold: | e: Log-Pwr :>50/50 | TRAC TYI DI | ^{де} <mark>12345</mark> 6 Рем инини Етррррр | Freque | псу |
| 0 dB/div | Ref Offset 1 Ref 20.00 | dB | -Gam.Low | H RCCH. 4 | | | | Mkr1 -42.6 | 150 kHz 47 dBm | Auto | o Tui |
| og | | | | | | | | | | Cente | er Fre |
| 10.0 | | | | | | | | | | 15.0750 | 00 MI |
| 3.00 | | | | | | | | | | | rtFre |
| 10.0 | | | | | | | | | | 150.0 | 000 kl |
| 20.0 | | | | | | | | | -26.01 dBm | Sto 30.0000 | р Fr 00 М |
| 30.0 1 | | | | | | | | | | - | F Ste |
| 10.0 | | | | | | | | | | 2.9850 <u>Auto</u> | |
| i0.0 | | | | | | | | | | Freq | Offs |
| | ng Pangalan kanan majar | ifel alley and a leader | 4444444444 | linester al a second | net al a faith an a fai | riside de la comu | | | a, hayaya da qiliya | | 0 |
| 70.0 | | | | | | | | | | | |
| | | | | | | | | | | | |
| tart 150 Res BW | | | #VBW | 30 kHz | | | Sweep 2 | Stop 3 85.4 ms (| 0.00 MHz 3001 pts) | | |
| | | | #VBW | 30 kHz | | | | Stop 3 85.4 ms (0 Cou | 3001 pts) | | |
| Res BW ^{3G} gilent Spect | 10 kHz rum Analyzer - Sv | | #VBW | | | | STATUS | 85.4 ms (| 3001 pts) Ipled | | |
| Res BW sg gilent Spect | 10 kHz | Ω AC | Hz | Ser | | Avg Type | STATUS ALIGNAUTO | 85.4 ms (| 3001 pts) upled MJan 01, 1988 ²⁶ 1 2 3 4 5 6 | Freque | ncy |
| Res BW ^{3G} silent Spect RL | 10 kHz rum Analyzer - Sv RF 50: | Ω AC 100000 G | | Ser | e Run | | ALIGN AUTO at Log-Pwr >50/50 | 85.4 ms (| 3001 pts) upled MJan 01, 1988 E 1 2 3 4 5 6 MWWWW P P P P P P | | |
| Res BW g g g g g g g g g g g g g | 10 kHz rum Analyzer - Sv RF 50: | Ω AC 000000 G I dB | Hz PNO: Fast 😱 |) Trig: Free | e Run | Avg Type | ALIGN AUTO at Log-Pwr >50/50 | 85.4 ms (06:31:15 Al 06:31:15 Al TRAC TY 1 2.256 | 3001 pts) upled MJan 01, 1988 ²⁶ 1 2 3 4 5 6 | Frequer | |
| Res BW gilent Spect RL enter F | 10 kHz rum Analyzer - So RF 50 Freq 1.1650 Ref Offset 1 | Ω AC 000000 G I dB | Hz PNO: Fast 😱 |) Trig: Free | e Run | Avg Type | ALIGN AUTO at Log-Pwr >50/50 | 85.4 ms (06:31:15 Al 06:31:15 Al TRAC TY 1 2.256 | 3001 pts) apled MJan 01, 1988 E 1 2 3 4 5 6 MMMMMM P P P P P P 30 GHz | Auto | o Tui er Fr |
| Res BW gilent Spect RL enter F 0 dB/div | 10 kHz rum Analyzer - So RF 50 Freq 1.1650 Ref Offset 1 | Ω AC 000000 G I dB | Hz PNO: Fast 😱 |) Trig: Free | e Run | Avg Type | ALIGN AUTO at Log-Pwr >50/50 | 85.4 ms (06:31:15 Al 06:31:15 Al TRAC TY 1 2.256 | 3001 pts) apled MJan 01, 1988 E 1 2 3 4 5 6 MMMMMM P P P P P P 30 GHz | Auto | o Tui er Fr |
| Res BW ag gilent Spect RL enter F og 0 dB/div og 0 dB/div | 10 kHz rum Analyzer - So RF 50 Freq 1.1650 Ref Offset 1 | Ω AC 000000 G I dB | Hz PNO: Fast 😱 |) Trig: Free | e Run | Avg Type | ALIGN AUTO at Log-Pwr >50/50 | 85.4 ms (06:31:15 Al 06:31:15 Al TRAC TY 1 2.256 | 3001 pts) apled MJan 01, 1988 E 1 2 3 4 5 6 MMMMMM P P P P P P 30 GHz | Auto Cento 1.1650000 Sta | o Tu er Fr 00 G |
| Res BW gilent Spect RL enter F 0 dB/div | 10 kHz rum Analyzer - So RF 50 Freq 1.1650 Ref Offset 1 | Ω AC 000000 G I dB | Hz PNO: Fast 😱 |) Trig: Free | e Run | Avg Type | ALIGN AUTO at Log-Pwr >50/50 | 85.4 ms (06:31:15 Al 06:31:15 Al TRAC TY 1 2.256 | 3001 pts) apled MJan 01, 1988 E 1 2 3 4 5 6 MMMMMM P P P P P P 30 GHz | Auto Cente 1.1650000 | o Tui er Fri 00 G |
| Res BW ag gilent Spect RL enter F og 0 dB/div og 0 dB/div | 10 kHz rum Analyzer - So RF 50 Freq 1.1650 Ref Offset 1 | Ω AC 000000 G I dB | Hz PNO: Fast 😱 |) Trig: Free | e Run | Avg Type | ALIGN AUTO at Log-Pwr >50/50 | 85.4 ms (06:31:15 Al 06:31:15 Al TRAC TY 1 2.256 | 3001 pts) upled MJan 01, 1988 E 12 3 4 5 6 MMMMMM T P P P P P P 30 GHz 37 dBm | Auto Cente 1.1650000 Sta 30.0000 | er Fra oo Gi oo Gi oo Mi p Fra |
| Res BW General Spect RL | 10 kHz rum Analyzer - So RF 50 Freq 1.1650 Ref Offset 1 | Ω AC 000000 G I dB | Hz PNO: Fast 😱 |) Trig: Free | e Run | Avg Type | ALIGN AUTO at Log-Pwr >50/50 | 85.4 ms (06:31:15 Al 06:31:15 Al TRAC TY 1 2.256 | 3001 pts) upled MJan 01, 1988 E 12 3 4 5 6 MMMMMM T P P P P P P 30 GHz 37 dBm | Auto Cento 1.1650000 Sta 30.0000 Sto 2.3000000 | er Fri 000 G nt Fri 000 M |
| Res BW scient Spect RL odB/div og 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0 | 10 kHz rum Analyzer - So RF 50 Freq 1.1650 Ref Offset 1 | Ω AC 000000 G I dB | Hz PNO: Fast 😱 |) Trig: Free | e Run | Avg Type | ALIGNAUTO 2: Log-Pwr >>50/50 MIKr | 85.4 ms (DC Cou 06:31:15.4 TRAC 1 2.256 -46.4 | 3001 pts) upled MJan 01, 1988 E 12 3 4 5 6 MMMMMM T P P P P P P 30 GHz 37 dBm | Auto Cente 1.1650000 Sta 30.0000 Sto 2.3000000 C 227.0000 | er Fro oo G rt Fro oo M p Fro oo G F Ste |
| Res BW Galler Spect RL Caller F Caller | 10 kHz rum Analyzer - So RF 50 Freq 1.1650 Ref Offset 1 | 2 AC 100000 G dB dBm | Hz PNO: Fast FGain:Low |) Trig: Free | e Run D dB | | ALIGNAUTO 2: Log-Pwr >>50/50 MIKr | 85.4 ms (06:31:15 Al 06:31:15 Al TRAC TY DI 1 2.256 | 3001 pts) upled MJan 01, 1988 E 12 3 4 5 6 MMMMMM T P P P P P P 30 GHz 37 dBm | Auto Cente 1.1650000 Sta 30.0000 2.3000000 C 227.0000 Auto | er Fra oo G nt Fra oo G p Fr a oo G F Sta |
| Res BW G G G G G G G G G G G G G G G G G G G | rum Analyzer , Su req 1.1650 Ref Offset 1 Ref 20.00 | 2 AC 100000 G dB dBm | Hz PNO: Fast FGain:Low | Ser Trig: Free #Atten: 40 | e Run D dB | | ALIGNAUTO 2: Log-Pwr >50/50 MIKr | 85.4 ms (DC Cou 06:31:15.4 TRAC 1 2.256 -46.4 | 3001 pts) upled MJan 01, 1988 E 12 3 4 5 6 MMMMMM T P P P P P P 30 GHz 37 dBm | Auto Cente 1.1650000 Sta 30.0000 Sto 2.3000000 C 227.0000 | er Fr 00 G rt Fr 00 G F Sta 00 M M M |
| Res BW G G G G G G G G G G G G G G G G G G G | rum Analyzer , Su req 1.1650 Ref Offset 1 Ref 20.00 | 2 AC 100000 G dB dBm | Hz PNO: Fast FGain:Low | Ser Trig: Free #Atten: 40 | e Run D dB | | ALIGNAUTO 2: Log-Pwr >50/50 MIKr | 85.4 ms (DC Cou 06:31:15.4 TRAC 1 2.256 -46.4 | 3001 pts) upled MJan 01, 1988 E 12 3 4 5 6 MMMMMM T P P P P P P 30 GHz 37 dBm | Auto Cente 1.1650000 Sta 30.0000 2.3000000 C 227.0000 Auto | er Fra oo G et Fra oo M p Fra oo G F Sta 00 M M |
| Res BW 33 gilent Spect RL RL Senter F Senter Spect 99 99 100 99 100 99 100 99 100 99 100 99 100 90 100 | 10 kHz rum Analyzer - So Ref 20.00 Ref 20.00 0 0 0 0 0 0 0 0 0 0 0 0 | 2 AC 100000 G dB dBm | Hz PNO: Fast FGain:Low | Ser Trig: Free #Atten: 40 | e Run D dB | | STATUS ALIGNAUTO 2: Log-Pwr >50/50 MKr | 85.4 ms (DC Cou 06:31:15 AL 176A 1777 0 1 2.256 -46.4 | 3001 pts) upled MJan 01, 1988 E 12 3 4 5 6 MMMMMM T P P P P P P 30 GHz 37 dBm | Auto Cente 1.1650000 Sta 30.0000 2.3000000 C 227.0000 Auto | er Fre oo Gi et Fre oo Mi p Fre oo Gi F Ste Mi |

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| ilent Spectr RL | RF 50 S | | 1 | SEN | VSE:INT | | ALIGNAUTO : Log-Pwr | U6:31:27 AM | 1 Jan 01, 1988 | Frequency |
|--|--|-----------------------------|-------------------------------|---------------------------------|---------------------|----------------------------|--|---|---|--|
| enter F | req 2.5500 | P | NO: Fast 😱 Gain:Low | Trig: Free #Atten: 40 | | Avg Hold: | | TYF | E 1 2 3 4 5 6 E MWWWWW T P P P P P P | |
|) dB/div | Ref Offset 1 Ref 20.00 | dB dBm | | | | | Mk | r1 2.324 | 16 GHz 57 dBm | Auto Tu |
| g | | | | | | | | | | Center Fr |
| 0.0 | | | | | | | | | | 2.350000000 G |
| | | | | | | | | | | |
| | | | | | | | | | | Start Fr 2.300000000 G |
| 0.0 | | | | | | | | | -16.01 dBm | 2.00000000000 |
| 0.0 | | | | | | | | | | Stop Fr |
| 0.0 | | | | | | | | | | 2.400000000 G |
| 0.0 | | | | | | | | | | CF St |
| | | ∳ ¹ | | 1.5 | | | | | | 10.000000 M <u>Auto</u> M |
| 0.0 http://www. | ward when the property | har han had had play | ulpilagyaulikana | water | pollul franklikeers | rrillikinger gelaktivenski | perturnationpera | _e nder ingen vieldet der | ₩₺₳₩₽₽₽₩₩ | |
| 0.0 | | | | | | | | | | Freq Offs 0 |
| '0.0 <u> </u> | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | Oton 9.40 | | |
| | 000 GHz 100 kHz | | #VBW | 300 kHz | | : | Sweep 9 | 310p 2.40 .600 ms (| 1000 GHz 1001 pts) | |
| | 000 GHz 100 kHz | - - | #VBW | 300 kHz | | | Sweep 9 | .600 ms (| 1000 GHz 1001 pts) | |
| Res BW G | 100 kHz rum Analyzer - Sw | | #VBW | | | | Sweep 9 Status | .600 ms (| 1001 pts) | |
| Res BW G ilent Spectr | 100 kHz | 2 AC 50000 GI | Hz | SEN | NSE:INT | Avg Type | Sweep 9 status ALIGN AUTO e: Log-Pwr | .600 ms (06:31:37 AM | 1001 pts) | Frequency |
| Res BW G ilent Spectr | 100 kHz rum Analyzer - Sw RF 50 S | 2 AC 50000 GI | | SEN | NSE:INT | | Sweep 9 status ALIGN AUTO a: Log-Pwr > 200/200 | .600 ms (06:31:37 AM TRAC TYP DE | 1001 pts) 1 an 01, 1988 E 1 2 3 4 5 6 E M WWWW T P P P P P P | |
| Res BW G ilent Spectr RL enter F OdB/div | 100 kHz rum Analyzer - Sw RF 50 S | 2 AC 50000 GI P IF | −IZ NO: Fast 😱 | SEM Trig: Free | NSE:INT | Avg Type | Sweep 9 status ALIGN AUTO a: Log-Pwr > 200/200 | .600 ms (06:31:37 AP TRAC TYP DE .483 830 | 1001 pts) 1 an 01, 1988 E 1 2 3 4 5 6 E M WWWW T P P P P P P | |
| Res BW g g g g g g g g g g g g g | 100 kHz rum Analyzer - Sw RF 50 S req 2.4917 Ref Offset 1 | 2 AC 50000 GI P IF | −IZ NO: Fast 😱 | SEM Trig: Free | NSE:INT | Avg Type | Sweep 9 status ALIGN AUTO a: Log-Pwr > 200/200 | .600 ms (06:31:37 AP TRAC TYP DE .483 830 | 1001 pts) | Auto Tu |
| Res BW | 100 kHz rum Analyzer - Sw RF 50 S req 2.4917 Ref Offset 1 | 2 AC 50000 GI P IF | −IZ NO: Fast 😱 | SEM Trig: Free | NSE:INT | Avg Type | Sweep 9 status ALIGN AUTO a: Log-Pwr > 200/200 | .600 ms (06:31:37 AP TRAC TYP DE .483 830 | 1001 pts) | Auto Tu Center Fr |
| Res BW G gilent Spectr RL | 100 kHz rum Analyzer - Sw RF 50 S req 2.4917 Ref Offset 1 | 2 AC 50000 GI P IF | −IZ NO: Fast 😱 | SEM Trig: Free | NSE:INT | Avg Type | Sweep 9 status ALIGN AUTO a: Log-Pwr > 200/200 | .600 ms (06:31:37 AP TRAC TYP DE .483 830 | 1001 pts) | Auto Tu Center Fr 2.491750000 G |
| Res BW G G G G G G G G G G G G G G G G G G G | 100 kHz rum Analyzer - Sw RF 50 S req 2.4917 Ref Offset 1 | 2 AC 50000 GI P IF | −IZ NO: Fast 😱 | SEM Trig: Free | NSE:INT | Avg Type | Sweep 9 status ALIGN AUTO a: Log-Pwr > 200/200 | .600 ms (06:31:37 AP TRAC TYP DE .483 830 | 1001 pts) | Auto Tu Center Fr 2.491750000 G Start Fr |
| Res BW is ilent Spectr RL enter F 0 dB/div | 100 kHz rum Analyzer - Sw RF 50 S req 2.4917 Ref Offset 1 | 2 AC 50000 GI P IF | −IZ NO: Fast 😱 | SEM Trig: Free | NSE:INT | Avg Type | Sweep 9 status ALIGN AUTO a: Log-Pwr > 200/200 | .600 ms (06:31:37 AP TRAC TYP DE .483 830 | 1001 pts) | Auto Tu Center Fr |
| Res BW g glent Spectr RL enter F o dB/div 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 100 kHz rum Analyzer - Sw RF 50 S req 2.4917 Ref Offset 1 | 2 AC 50000 GI P IF | −IZ NO: Fast 😱 | SEM Trig: Free | NSE:INT | Avg Type | Sweep 9 status ALIGN AUTO a: Log-Pwr > 200/200 | .600 ms (06:31:37 AP TRAC TYP DE .483 830 | Alan 01, 1988 E 12-3 4 5 6 MAXMAN TP PP P P P D 0 GHz 19 dBm | Auto Tu Center Fr 2.491750000 G Start Fr 2.483500000 G Stop Fr |
| Res BW g glent Spectr RL enter F o dB/div 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 100 kHz rum Analyzer - Sw RF 50 S req 2.4917 Ref Offset 1 | 2 AC 50000 GI P IF | −IZ NO: Fast 😱 | SEM Trig: Free | NSE:INT | Avg Type | Sweep 9 status ALIGN AUTO a: Log-Pwr > 200/200 | .600 ms (06:31:37 AP TRAC TYP DE .483 830 | Alan 01, 1988 E 12-3 4 5 6 MAXMAN TP PP P P P D 0 GHz 19 dBm | Auto Tu Center Fr 2.491750000 G Start Fr 2.483500000 G Stop Fr |
| Res BW is ilent Spectr RL enter F 0 dB/div og 0.00 | 100 kHz rum Analyzer - Sw RF 50 S req 2.4917 Ref Offset 1 | 2 AC 50000 GI P IF | −IZ NO: Fast 😱 | SEM Trig: Free | NSE:INT | Avg Type | Sweep 9 status ALIGN AUTO a: Log-Pwr > 200/200 | .600 ms (06:31:37 AP TRAC TYP DE .483 830 | Alan 01, 1988 E 12-3 4 5 6 MAXMAN TP PP P P P D 0 GHz 19 dBm | Auto Tu Center Fr 2.491750000 G Start Fr 2.483500000 G Stop Fr 2.500000000 G |
| Res BW G G G G G G G G G G G G G G G G G G G | 100 kHz | 2 AC 50000 GI P IF | -IZ NO: Fast ♀ Gain:Low | SEN Trig: Free #Atten: 40 | ISE:INT | Avg Type Avg Hold: | Sweep 9 status aLIGNAUTO Log.Pwr >200/200 Mkr1 2 | 06:31:37 AM TRAC TYP 2483 83(-46,2 | Alan 01, 1988 E 12 3 4 5 6 E 12 3 4 5 6 C 19 2 9 P P P P O GHz 19 dBm 16.01 a8m | Auto Tu Center Fr 2.491750000 G Start Fr 2.483500000 G Stop Fr 2.500000000 G |
| Res BW G G G G G G G G G G G G G G G G G G G | 100 kHz rum Analyzer - Sv RF 50 3 req 2.4917 Ref Offset 1 Ref 20.00 | 2 AC 50000 GI P IF | −IZ NO: Fast 😱 | SEM Trig: Free | ISE:INT | Avg Type Avg Hold: | Sweep 9 status ALIGN AUTO a: Log-Pwr > 200/200 | 06:31:37 AM TRAC TYP 2483 83(-46,2 | Alan 01, 1988 E 12 3 4 5 6 E 12 3 4 5 6 C 19 2 9 P P P P O GHz 19 dBm 16.01 a8m | Auto Tu Center Fr 2.491750000 G Start Fr 2.483500000 G Stop Fr 2.500000000 G CF Str 1.650000 M Auto M |
| Res BW G G G G G G G G G G G G G G G G G G G | 100 kHz | 2 AC 50000 GI P IF | -IZ NO: Fast ♀ Gain:Low | SEN Trig: Free #Atten: 40 | ISE:INT | Avg Type Avg Hold: | Sweep 9 status aLIGNAUTO Log.Pwr >200/200 Mkr1 2 | 06:31:37 AM TRAC TYP 2483 83(-46,2 | Alan 01, 1988 E 12 3 4 5 6 E 12 3 4 5 6 C 19 2 9 P P P P O GHz 19 dBm 16.01 a8m | Auto Tu Center Fr 2.491750000 G Start Fr 2.483500000 G Stop Fr 2.500000000 G CF Str 1.650000 M Auto M |
| Res BW G G G G C C C C C C C C C C C C C | 100 kHz | 2 AC 50000 GI P IF | -IZ NO: Fast ♀ Gain:Low | SEN Trig: Free #Atten: 40 | ISE:INT | Avg Type Avg Hold: | Sweep 9 status aLIGNAUTO Log.Pwr >200/200 Mkr1 2 | 06:31:37 AM TRAC TYP 2483 83(-46,2 | Alan 01, 1988 E 12 3 4 5 6 E 12 3 4 5 6 C 19 2 9 P P P P O GHz 19 dBm 16.01 a8m | Auto Tu Center Fr 2.491750000 G Start Fr 2.483500000 G Stop Fr 2.50000000 G CF Ste 1.650000 M |
| Res BW G G G G C C C C C C C C C C C C C | 100 kHz | 2 AC 50000 GI P IF | -IZ NO: Fast ♀ Gain:Low | SEN Trig: Free #Atten: 40 | ISE:INT | Avg Type Avg Hold: | Sweep 9 status status sLog-Pwr >200/200 Mkr1 2 | 06:31:37 AM TRAC TYP 2483 83(-46,2 | Alan 01, 1988 E 12, a 4, 5 6 E 12, a 4, 5 6 | Auto Tu Center Fr 2.491750000 G Start Fr 2.483500000 G Stop Fr 2.500000000 G CF Str 1.650000 M Auto M |

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| RL | RF | | 2 AC | | | | SENS | E:INT | | ALIGNAUTO | | M Jan 01, 1988 | Frequency |
|------------------|-----------------|--------------------------|--------------|------|-----------------------|---|---------------------------|---|------------------------------------|--------------------|----------------|--|---|
| enter F | req 14 | .500 | 00000 | PNO: | Z :Fast ⊂ n:Low | | j: Free F ien: 40 (| | Avg Type Avg Hold: | : Log-Pwr 10/10 | TRA TY D | CE 123456 PE M WWWWWW ET P P P P P P | |
| 0 dB/div | | ffset 1 2 0.00 | | | | | | | | М | | 70 GHz 81 dBm | Auto Tun |
| 10.0 | | | | | | | | | | | | | Center Fre 14.500000000 GH |
| 0.0 | | | | | | | | | | | | -16.01 dBm | Start Fre 2.500000000 G⊦ |
| 0.0 | | | | | | | | | | | | -16.01 dBm | Stop Fre 26.500000000 G⊦ |
| 0.0 | | uluu I. | July seattle | | | L (La Marila - Ja | a detail | a dan ka sa | f ^{lat} n, dipetisika, in | | | 1. Hereited Mar | CF Ste 2.40000000 GH <u>Auto</u> Ma |
| 0.0 | | | | | | in an | الالار <u>ما ،</u> | | | | | | Freq Offs |
| 0.0 tart 2.50 | CH ₂ | | | | | | | | | | Stop | 6.50 GHz | |
| Res BW | | Ιz | | | #VB | N 300 | kHz | | | Sweep | 2.294 s | (8001 pts) | |



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4.8.1.1.6 802.11G_ Highest Channel



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| gilent Spectr | RF 50 Ω | LUC | | SEI | VSE:INT | | ALIGN AUTO | 06:39:21 A | M Jan 01, 1988 | |
|--|--|---|----------------------------|---------------------------------|--------------------|-----------------------|---|--|--|---|
| | req 15.0750 | 00 MHz | NO: Fast 🕞 Gain:Low | | e Run | | e: Log-Pwr | TRA | CE 123456 PE MWWWWW ET P P P P P P | Frequency |
|) dB/div | Ref Offset 1 d Ref 20.00 d | в | Cam.2000 | | | | | | 150 kHz 97 dBm | Auto Tui |
| ^{og} | | | | | | | | | | Center Fre |
| 10.0 | | | | | | | | | | 15.075000 Mi |
| | | | | | | | | | | |
| | | | | | | | | | | Start Fre 150.000 ki |
| 0.0 | | | | | | | | | | |
| 0.0 | | | | | | | | | -26.25 dBm | Stop Fr |
| 0.0 | | | | | | | | | -20.25 dbm | 30.000000 M |
| 1 | | | | | | | | | | CF Ste |
| K- | | | | | | | | | | 2.985000 Mi Auto M |
| i0.0 | | | | | | | | | | |
| 0.0 | <mark>İ</mark> ş ^{il} ik delişteri de azerleri | and a start of the s | Literatelistica d | ينير ارته اللاطلين | Na kana sa kata ka | | و منه و بالنو ما ال | asas deda hain a | a anti kilimia a | Freq Offs |
| 0.0 | lin and the second second | il de productoi | | errander for the fill the | i Litili i shaifig | in finisher in filis | i Palai da kana pala pa | in Labor, Indijan ja oka | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| tart 150 | | | #)(B)A | | | | Swoon 2 | Stop 3 | 0.00 MHz | |
| tart 150 Res BW | | | #VBW | / 30 kHz | | | | 85.4 ms (| (3001 pts) | |
| Res BW | | pt SA | #VBW | / 30 kHz | | | | Stop 3 85.4 ms (1 DC Co | (3001 pts) | |
| Res BW ^{SG} gilent Spectr | 10 kHz | AC | | SE | NSE:INT | Avg Type | STATUS ALIGNAUTO | 85.4 ms (| (3001 pts) upled MJan 01, 1988 | Frequency |
| Res BW ^{SG} gilent Spectr | 10 kHz rum Analyzer - Swe RF 50 Ω | AC 0000 GH P | | SE | e Run | | ALIGN AUTO al Log-Pwr >50/50 | 85.4 ms (DC Cou 06:39:42 A TRA TY D | (3001 pts) upled MJan 01, 1988 CE 12 3 4 5 6 PP P P P P P ET P P P P P P | |
| Res BW gilent Spectr RL Center F | 10 kHz rum Analyzer - Swe RF 50 Ω req 1.16500 Ref Offset 1 d | AC 0000 Gł P IF | ↓Z N0: Fast ⊆ |) Trig: Free | e Run | Avg Type | ALIGN AUTO al Log-Pwr >50/50 | 85.4 ms (DC Cor 06:39:42 A TRA TY D 1 2.051 | (3001 pts) upled MJan 01, 1988 CE 1 2 3 4 5 6 PE MWWWW ET P P P P P 72 GHz | Frequency Auto Tur |
| Res BW gilent Spectr RL Center F | 10 kHz rum Analyzer - Swe RF 50 ຊ req 1.16500 | AC 0000 Gł P IF | ↓Z N0: Fast ⊆ |) Trig: Free | e Run | Avg Type | ALIGN AUTO al Log-Pwr >50/50 | 85.4 ms (DC Cor 06:39:42 A TRA TY D 1 2.051 | (3001 pts) upled MJan 01, 1988 CE 12 3 4 5 6 PP P P P P P ET P P P P P P | Auto Tui |
| Res BW gilent Specto RL center F 0 dB/div | 10 kHz rum Analyzer - Swe RF 50 Ω req 1.16500 Ref Offset 1 d | AC 0000 Gł P IF | ↓Z N0: Fast ⊆ |) Trig: Free | e Run | Avg Type | ALIGN AUTO al Log-Pwr >50/50 | 85.4 ms (DC Cor 06:39:42 A TRA TY D 1 2.051 | (3001 pts) upled MJan 01, 1988 CE 1 2 3 4 5 6 PE MWWWW ET P P P P P 72 GHz | Auto Tu Center Fro |
| Res BW is ilent Spectr RL enter F 0 dB/div | 10 kHz rum Analyzer - Swe RF 50 Ω req 1.16500 Ref Offset 1 d | AC 0000 Gł P IF | ↓Z N0: Fast ⊆ |) Trig: Free | e Run | Avg Type | ALIGN AUTO al Log-Pwr >50/50 | 85.4 ms (DC Cor 06:39:42 A TRA TY D 1 2.051 | (3001 pts) upled MJan 01, 1988 CE 1 2 3 4 5 6 PE MWWWW ET P P P P P 72 GHz | Auto Tu Center Fr |
| Res BW gilent Spectr RL enter F 0 dB/div | 10 kHz rum Analyzer - Swe RF 50 Ω req 1.16500 Ref Offset 1 d | AC 0000 Gł P IF | ↓Z N0: Fast ⊆ |) Trig: Free | e Run | Avg Type | ALIGN AUTO al Log-Pwr >50/50 | 85.4 ms (DC Cor 06:39:42 A TRA TY D 1 2.051 | (3001 pts) upled MJan 01, 1988 CE 1 2 3 4 5 6 PE MWWWW ET P P P P P 72 GHz | Auto Tur Center Fra 1.165000000 Gi Start Fra |
| Res BW ag gilent Spectr RL enter F 0 dB/div og 0 dB/div | 10 kHz rum Analyzer - Swe RF 50 Ω req 1.16500 Ref Offset 1 d | AC 0000 Gł P IF | ↓Z N0: Fast ⊆ |) Trig: Free | e Run | Avg Type | ALIGN AUTO al Log-Pwr >50/50 | 85.4 ms (DC Cor 06:39:42 A TRA TY D 1 2.051 | (3001 pts) apled MJan 01, 1988 CE 12 34 5 G F P P P P P P 72 GHz 14 dBm | Auto Tur Center Fra 1.165000000 Gi Start Fra |
| Res BW glent Spectr RL enter F 0 dB/div 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 10 kHz rum Analyzer - Swe RF 50 Ω req 1.16500 Ref Offset 1 d | AC 0000 Gł P IF | ↓Z N0: Fast ⊆ |) Trig: Free | e Run | Avg Type | ALIGN AUTO al Log-Pwr >50/50 | 85.4 ms (DC Cor 06:39:42 A TRA TY D 1 2.051 | (3001 pts) upled MJan 01, 1988 CE 1 2 3 4 5 6 PE MWWWW ET P P P P P 72 GHz | Auto Tur Center Fri 1.16500000 Gl Start Fri 30.000000 Mi |
| Res BW Glent Spect RL Glenter F Glen | 10 kHz rum Analyzer - Swe RF 50 Ω req 1.16500 Ref Offset 1 d | AC 0000 Gł P IF | ↓Z N0: Fast ⊆ |) Trig: Free | e Run | Avg Type | ALIGN AUTO al Log-Pwr >50/50 | 85.4 ms (DC Cor 06:39:42 A TRA TY D 1 2.051 | (3001 pts) apled MJan 01, 1988 CE 12 34 5 G F P P P P P P 72 GHz 14 dBm | Auto Tur Center Fr 1.16500000 G Start Fr 30.000000 M Stop Fr |
| Res BW G G G G G G G G G G G G G G G G G G G | 10 kHz rum Analyzer - Swe RF 50 Ω req 1.16500 Ref Offset 1 d | AC 0000 Gł P IF | ↓Z N0: Fast ⊆ |) Trig: Free | e Run | Avg Type | ALIGN AUTO align Auto a: Log-Pwr :>50/50 | 85.4 ms (DC Cor 06:39:42 A TRA TY D 1 2.051 | (3001 pts) apled MJan 01, 1988 CE 12 34 5 G F P P P P P P 72 GHz 14 dBm | Auto Tur Center Fn 1.165000000 G Start Fn 30.000000 M Stop Fn 2.300000000 G |
| Res BW G G G G G G G G G G G G G G G G G G G | 10 kHz rum Analyzer - Swe RF 50 Ω req 1.16500 Ref Offset 1 d | AC 0000 Gł P IF | ↓Z N0: Fast ⊆ |) Trig: Free | e Run | Avg Type | ALIGN AUTO align Auto a: Log-Pwr :>50/50 | 85.4 ms (DC Cor 06:39:42 A TRA TY D 1 2.051 | (3001 pts) apled MJan 01, 1988 CE 12 34 5 G F P P P P P P 72 GHz 14 dBm | Auto Tur Center Fr 1.165000000 G Start Fr 30.000000 M Stop Fr 2.30000000 G CF St 227.00000 M |
| Res BW G G G G G G G G G G G G G G G G G G G | 10 kHz rum Analyzer - Swe RF 50 Ω req 1.16500 Ref Offset 1 d | B B B B B B B B B B B B B B B B B B B | −2 NO: Fast Gain:Low | Trig: Fre #Atten: 40 | e Run 0 dB | Avg Type | STATUS ALIGNAUTO 2: Log-Pwr >50/50 MIKr | 85.4 ms (DC Cor 06:39:42 A TRA TY D 1 2.051 | (3001 pts) apled MJan 01, 1988 CE 12 34 5 G F P P P P P P 72 GHz 14 dBm | Auto Tur Center Fra 1.16500000 Gl Start Fra 30.000000 Ml Stop Fra 2.300000000 Gl CF Sta 227.00000 Ml |
| Res BW G G G G G G G G G G G G G G G G G G G | 10 kHz | B B B B B B B B B B B B B B B B B B B | −2 NO: Fast Gain:Low | Ser Trig: Free #Atten: 44 | e Run 0 dB | Avg Type Avg Hold: | STATUS ALIGNAUTO 2: Log-Pwr >50/50 MIKr | 85.4 ms (DC Cor 06:39:42 A TRA TY D 1 2.051 | (3001 pts) apled MJan 01, 1988 CE 12 34 5 G F P P P P P P 72 GHz 14 dBm | Auto Tur Center Fr 1.165000000 G Start Fr 30.000000 M Stop Fr 2.300000000 G CF Sto 227.000000 M Auto M |
| Res BW Galeria Spectre RL | 10 kHz | B B B B B B B B B B B B B B B B B B B | −2 NO: Fast Gain:Low | Trig: Fre #Atten: 40 | e Run 0 dB | Avg Type Avg Hold: | STATUS ALIGNAUTO 2: Log-Pwr >50/50 MIKr | 85.4 ms (DC Cor 06:39:42 A TRA TY D 1 2.051 | (3001 pts) apled MJan 01, 1988 CE 12 34 5 G F P P P P P P 72 GHz 14 dBm | Auto Tur Center Fr 1.165000000 G Start Fr 30.000000 M Stop Fr 2.300000000 G CF Sto 227.000000 M Auto M |
| Res BW aa gilent Spectr RL | 10 kHz | B B B B B B B B B B B B B B B B B B B | −2 NO: Fast Gain:Low | Trig: Fre #Atten: 40 | e Run 0 dB | Avg Type Avg Hold: | STATUS ALIGNAUTO 2: Log-Pwr >50/50 MIKr | 85.4 ms (DC Cor 06:39:42 A TRA TY D 1 2.051 | (3001 pts) apled MJan 01, 1988 CE 12 34 5 G F P P P P P P 72 GHz 14 dBm | Auto Tur Center Fra 1.16500000 Gl Start Fra 30.000000 Ml Stop Fra 2.300000000 Gl CF Sta 227.00000 Ml |
| Res BW Galeria Spectre RL | 10 kHz | B B B B B B B B B B B B B B B B B B B | −2 NO: Fast Gain:Low | Trig: Fre #Atten: 40 | e Run 0 dB | Avg Type Avg Hold: | STATUS ALIGNAUTO 2: Log-Pwr >50/50 MIKr | 85.4 ms (DC Cool (06:39:42 A TRA TRA TRA TRA TRA TRA TRA TRA TRA TR | (3001 pts) apled MJan 01, 1988 CE 12 34 5 G F P P P P P P 72 GHz 14 dBm | Auto Tur Center Fr 1.165000000 G Start Fr 30.000000 M Stop Fr 2.300000000 G CF Sto 227.000000 M Auto M |

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| gilent Spectr R L | RF 50 | | | | VSE:INT | | ALIGN AUTO | | 4 Jan 01, 1988 | Frequency |
|---|--|------------------|----------------------------------|--------------------------|---------------------------|----------------------|--|---|---|--|
| enter F | req 2.3500 | | SHZ PNO: Fast 😱 IFGain:Low | Trig: Free #Atten: 40 | | Avg Type Avg Hold | e: Log-Pwr :>200/200 | TYF | Е <mark>12345</mark> 6 Реминини ТРРРРРР | Troquency |
|) dB/div | Ref Offset 1 Ref 20.00 | dB dBm | | | | | Mk | | 3 3 GHz 65 dBm | Auto Tu |
| | | | | | | | | | | Center Fre |
| 0.0 | | | | | | | | | | 2.350000000 G |
| .00 | | | | | | | | | | Start Fr |
| 0.0 | | | | | | | | | -16.25 dBm | 2.300000000 G |
| 0.0 | | | | | | | | | | Stop Fr 2.40000000 G |
| 0.0 | | | | | | | | | | CF Sto |
| 0.0 | | | | | | - 1 - 5 1 | | | 1 Medicerse | 10.000000 M Auto M |
| | rentringlandurus | Mar Miteran | north the the twenty and the | Mary, Alexandra | hiweld for and | ዩር እርያዋላሳ እምሳት . | ի ով հոլի ու որույթները։ | AN A | ninalita interferenti | Freq Offs |
| ro.o | | | | | | | | | | 0 |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | 0000 GHz 100 kHz | | #VBW | 300 kHz | | | Sweep 9 | Stop 2.40 |)000 GHz 1001 pts) | |
| | 0000 GHz 100 kHz | | #VBW | 300 kHz | | | Sweep 9 | .600 ms (| 0000 GHz 1001 pts) | |
| Res BW ^{3G} gilent Spectr | 100 kHz rum Analyzer - S | | #VBW | | | | Sweep 9 status | .600 ms (| 1001 pts) | |
| Res BW ^{SG} gilent Spectr | 100 kHz | Ω AC | GHz | SEM | NSE:INT | Avg Type | Sweep 9 status ALIGN AUTO e: Log-Pwr | .600 ms (06:40:03 AI | 1001 pts) 4Jan 01, 1988 [#] 12 3 4 5 6 | Frequency |
| Res BW G gilent Spectr RL | 100 kHz rum Analyzer - S RF 50 | Ω AC 750000 (| | SEM | NSE:INT | | Sweep 9 status ALIGN AUTO 200/200 | .600 ms (06:40:03 Af TRAC TYF DE | 1001 pts) ^{4]an 01, 1988} ² 1 2 3 4 5 6 ² М WWWWW т Р Р Р Р Р Р | |
| Res BW g g g g g g g g g g g g g | 100 kHz rum Analyzer - S RF 50 | Ω AC 750000 C | GHz PNO: Fast 😱 | SEM Trig: Free | NSE:INT | Avg Type | Sweep 9 status ALIGN AUTO 200/200 | .600 ms (06:40:03 AT TRAC TYP DE | 1001 pts) | Frequency Auto Tu |
| Res BW gilent Spectr RL enter F | 100 kHz rum Analyzer - S RF 50 req 2.4917 Ref Offset 1 | Ω AC 750000 C | GHz PNO: Fast 😱 | SEM Trig: Free | NSE:INT | Avg Type | Sweep 9 status ALIGN AUTO 200/200 | .600 ms (06:40:03 AT TRAC TYP DE | 1001 pts) ^{MJan 01, 1988} ^E 12 3 4 5 6 ^{MMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMM} | |
| Res BW G G G G G G G G G G G G G | 100 kHz rum Analyzer - S RF 50 req 2.4917 Ref Offset 1 | Ω AC 750000 C | GHz PNO: Fast 😱 | SEM Trig: Free | NSE:INT | Avg Type | Sweep 9 status ALIGN AUTO 200/200 | .600 ms (06:40:03 AT TRAC TYP DE | 1001 pts) ^{MJan 01, 1988} ^E 12 3 4 5 6 ^{MMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMM} | Auto Tu |
| Res BW is ilent Spectr RL enter F 0 dB/div 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 100 kHz rum Analyzer - S RF 50 req 2.4917 Ref Offset 1 | Ω AC 750000 C | GHz PNO: Fast 😱 | SEM Trig: Free | NSE:INT | Avg Type | Sweep 9 status ALIGN AUTO 200/200 | .600 ms (06:40:03 AT TRAC TYP DE | 1001 pts) ^{MJan 01, 1988} ^E 12 3 4 5 6 ^{MMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMM} | Auto Tur Center Fr 2.491750000 G Start Fr |
| Res BW G G G G G G G G G G G G G G G G G G G | 100 kHz rum Analyzer - S RF 50 req 2.4917 Ref Offset 1 | Ω AC 750000 C | GHz PNO: Fast 😱 | SEM Trig: Free | NSE:INT | Avg Type | Sweep 9 status ALIGN AUTO 200/200 | .600 ms (06:40:03 AT TRAC TYP DE | 1001 pts) ^{MJan 01, 1988} ^E 123456 ^{MMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMM} | Auto Tu Center Fr 2.491750000 G |
| Res BW g glent Spectr RL enter F o dB/div 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 100 kHz rum Analyzer - S RF 50 req 2.4917 Ref Offset 1 | Ω AC 750000 C | GHz PNO: Fast 😱 | SEM Trig: Free | NSE:INT | Avg Type | Sweep 9 status ALIGN AUTO 200/200 | .600 ms (06:40:03 AT TRAC TYP DE | 1001 pts) | Auto Tu Center Fr 2.491750000 G Start Fr |
| Res BW G G G G G G G G G G G G G G G G G G G | 100 kHz rum Analyzer - S RF 50 req 2.4917 Ref Offset 1 | Ω AC 750000 C | GHz PNO: Fast 😱 | SEM Trig: Free | NSE:INT | Avg Type | Sweep 9 status ALIGN AUTO 200/200 | .600 ms (06:40:03 AT TRAC TYP DE | 1001 pts) | Auto Tu Center Fr 2.491750000 G Start Fr 2.483500000 G Stop Fr 2.500000000 G |
| Res BW G G G G G G G G G G G G G G G G G G G | 100 kHz rum Analyzer - S RF 50 req 2.4917 Ref Offset 1 | Ω AC 750000 C | GHz PN0: Fast IFGain:Low | SEM Trig: Free | vse:int e Run 0 dB | Avg Type Avg Hold | Sweep 9 status alignauto c. Log-Pwr >200/200 Mkr1 2 | 06:40:03 Af TRAC TYAC TYAC TYAC TYAC TYAC TYAC TYAC TY | 1001 pts) | Auto Tu Center Fr 2.491750000 G Start Fr 2.483500000 G Stop Fr 2.500000000 G CF St 1.650000 M |
| Res BW G Jolent Spectr RL enter F 0 dB/div 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 100 kHz | Ω AC 750000 C | GHz PN0: Fast IFGain:Low | Trig: Free #Atten: 40 | vse:int e Run 0 dB | Avg Type Avg Hold | Sweep 9 status ALIGN AUTO 200/200 | 06:40:03 Af TRAC TYAC TYAC TYAC TYAC TYAC TYAC TYAC TY | 1001 pts) | Auto Tu Center Fr 2.491750000 G Start Fr 2.483500000 G Stop Fr 2.500000000 G CF Str 1.650000 M Auto M |
| Res BW is jilent Spectri RL enter F 0 dB/div 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 100 kHz | Ω AC 750000 C | GHz PN0: Fast IFGain:Low | Trig: Free #Atten: 40 | vse:int e Run 0 dB | Avg Type Avg Hold | Sweep 9 status alignauto c. Log-Pwr >200/200 Mkr1 2 | 06:40:03 Af TRAC TYAC TYAC TYAC TYAC TYAC TYAC TYAC TY | 1001 pts) | Auto Tu Center Fr 2.491750000 G Start Fr 2.483500000 G Stop Fr 2.500000000 G CF Str 1.650000 M Auto M |
| Res BW ig illent Spectr RL enter F 0 dB/div 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 100 kHz | Ω AC 750000 C | GHz PN0: Fast IFGain:Low | Trig: Free #Atten: 40 | vse:int e Run 0 dB | Avg Type Avg Hold | Sweep 9 status s | 06:40:03 AA ۱۳۹۸ ۲۲۹۸ ۲۲۹۸ ۲۹۹۶ 483 633 -45.1 | 1001 pts) | Auto Tu Center Fr 2.491750000 G Start Fr 2.483500000 G Stop Fr 2.50000000 G CF Ste 1.650000 M |

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| RL RF 50Ω AC | | SENSE:INT | ALIGN AUTO | 06:40:38 AM Jan 01, 1988 | Frequency |
|---|--|---|--|--|--|
| enter Freq 14.500000 | PNO: Fast IFGain:Low | Trig: Free Run #Atten: 40 dB | Avg Type: Log-Pwr Avg Hold: 10/10 | TRACE 123456 TYPE MWWWWW DET PPPPP | |
| Ref Offset 1 dB dB/div Ref 20.00 dBm | | | М | kr1 26.491 GHz -38.367 dBm | Auto Tun |
| 10.0 | | | | | Center Fre 14.500000000 GH |
| 0.00 | | | | -16.25 dBm | Start Fre 2.500000000 G⊦ |
| 0.0 | | | | | Stop Fre 26.500000000 GH |
| | an a | un de la general de la constant de l La constant de la cons | te for the strength of the second strength and second strength | | CF Ste 2.400000000 GH <u>Auto</u> Ma |
| | | | | | Freq Offs 0 F |
| tart 2.50 GHz Res BW 100 kHz | #\/B\A | 300 kHz | Siwoon | Stop 26.50 GHz 2.294 s (8001 pts) | |

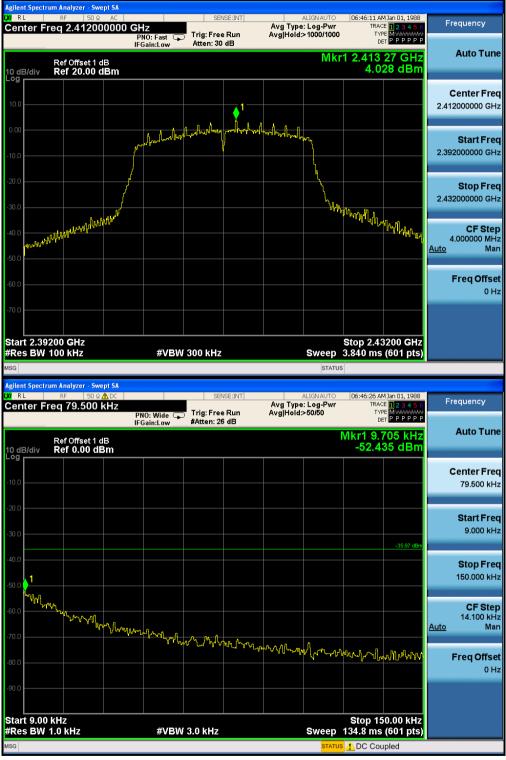


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4.8.1.1.7 802.11N20_Lowest Channel



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| | um Analyzer - Swept RF 50 Ω ⚠ [| | | CENK | SE:INT | | ALIGN AUTO | 06:46:50 At | M Jan 01, 1988 | |
|---|---|--|---------------------|------------------------|----------------------|-----------------------|---|--|--|--|
| | req 15.07500 | 0 MHz | ast 🗔 1 | rig: Free | | | e: Log-Pwr | TRAC | E 123456 | Frequency |
| | | IFGain: | usi 🖵 . | Atten: 40 | | | | | ТРРРРР | Auto Tu |
| | Ref Offset 1 dB | | | | | | | | 160 kHz 27 dBm | Autoru |
| 0 dB/div .og | Ref 20.00 dB | m | | | | | 1 | -42.3 | | |
| | | | | | | | | | | Center Fr |
| 10.0 | | | | | | | | | | 15.075000 N |
| 0.00 | | | | | | | | | | |
| J.UU | | | | | | | | | | Start Fr |
| 10.0 | | | | | | | | | | 150.000 |
| | | | | | | | | | | |
| 20.0 | | | | | | | | | | Stop Fr |
| | | | | | | | | | -25.97 dBm | 30.000000 N |
| 30.0 | | | | | | | | | | |
| 40.0 | | | | | | | | | | CF St |
| < | | | | | | | | | | 2.985000 N Auto N |
| 0.0 | | | | | | | | | | |
| . | | | | | | | | | | Freq Off |
| | , da fillet en els eterris la | وبالعدائه والمعالي | الغرائص المعر | فالمرا والطفارين | design of the second | والمرادة المعاد والم | the states of th | Lection the loop. | ينا أو إور ورادا وراد | 0 |
| 70.0 | an a the state the second state of a second | , and the late with | 11. 14. 14. 14. 14. | ant finand land | a din sederara | e o francúski krati | | t bratt off allow | Accellance Looks | |
| | | | | | | | | | | |
| tart 150 | | | | | | | | Stop 3 | 0.00 MHz | |
| Res BW | | | 40/DW/ 0/ | A 1-11- | | | | | | |
| | IV NIIZ | | #VBW 30 | U KHZ | | | Sweep 2 | 80.4 ms (| 3001 pts) | |
| SG | | | #VEVV 3 | U KHZ | | | | 85.4 ms (1 DC Cou | | |
| | um Analyzer - Swept | | #VBW 3 | J KHZ | | | | | | |
| gilent Spectr RL | <mark>um Analyzer - Swept</mark> RF 50 Ω - | SA AC | #VBW 3 | | SE:INT | | STATUS ALIGN AUTO | DC Cou | upled | Frequency |
| gilent Spectr RL | um Analyzer - Swept | SA AC 000 GHz PN0: F | ast 😱 1 | SENS | Run | | STATUS ALIGN AUTO | DC Cou | upled | Frequency |
| gilent Spectr RL | um Analyzer - Swept RF 50 Q req 1.1650000 | SA AC 000 GHz PNO: F IFGain: | ast 😱 1 | SEN | Run | Avg Type | ALIGN AUTO align | 06:47:10 AI TRAC TYP DE | ирled M Jan 01, 1988 E 1 2 3 4 5 6 Ре М ЖЖЖЖ F Р Р Р Р Р Р | Frequency Auto Tu |
| RL Center Fi | <mark>um Analyzer - Swept</mark> RF 50 Ω - | SA AC OOO GHz PNO: F IFGain: | ast 😱 1 | SENS | Run | Avg Type | ALIGN AUTO align | 06:47:10 AI 06:47:10 AI TRAC TYP DE 1 2.231 | upled | |
| RL Center Fi | um Analyzer - Swept RF 50 Q req 1.1650000 Ref Offset 1 dB | SA AC OOO GHz PNO: F IFGain: | ast 😱 1 | SENS | Run | Avg Type | ALIGN AUTO align | 06:47:10 AI 06:47:10 AI TRAC TYP DE 1 2.231 | upled MJan 01, 1988 E 1 2 3 4 5 6 MMMMMM F P P P P P 05 GHz | Auto Tu |
| gilent Spectr RL Senter Fl O dB/div | um Analyzer - Swept RF 50 Q req 1.1650000 Ref Offset 1 dB | SA AC OOO GHz PNO: F IFGain: | ast 😱 1 | SENS | Run | Avg Type | ALIGN AUTO align | 06:47:10 AI 06:47:10 AI TRAC TYP DE 1 2.231 | upled MJan 01, 1988 E 1 2 3 4 5 6 MMMMMM F P P P P P 05 GHz | Auto Tu Center Fi |
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| gilent Spectr RL Center Fi O dB/div | um Analyzer - Swept RF 50 Q req 1.1650000 Ref Offset 1 dB | SA AC OOO GHz PNO: F IFGain: | ast 😱 1 | SENS | Run | Avg Type | ALIGN AUTO align | 06:47:10 AI 06:47:10 AI TRAC TYP DE 1 2.231 | upled MJan 01, 1988 E 1 2 3 4 5 6 MMMMMM F P P P P P 05 GHz | Auto Tu Center Fi 1.165000000 G |
| o dB/div | um Analyzer - Swept RF 50 Q req 1.1650000 Ref Offset 1 dB | SA AC OOO GHz PNO: F IFGain: | ast 😱 1 | SENS | Run | Avg Type | ALIGN AUTO align | 06:47:10 AI 06:47:10 AI TRAC TYP DE 1 2.231 | upled MJan 01, 1988 E 1 2 3 4 5 6 MMMMMM F P P P P P 05 GHz | Auto Tu Center Fr 1.16500000 G Start Fr |
| o dB/div | um Analyzer - Swept RF 50 Q req 1.1650000 Ref Offset 1 dB | SA AC OOO GHz PNO: F IFGain: | ast 😱 1 | SENS | Run | Avg Type | ALIGN AUTO align | 06:47:10 AI 06:47:10 AI TRAC TYP DE 1 2.231 | npled M1an 01, 1988 E | Auto Tu Center Fi 1.165000000 G |
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| enter Freedorie | um Analyzer - Swept RF 50 Q req 1.1650000 Ref Offset 1 dB | SA AC OOO GHz PNO: F IFGain: | ast 🖵 1 | SENS | Run | Avg Type | ALIGN AUTO align | 06:47:10 AI 06:47:10 AI TRAC TYP DE 1 2.231 | npled M1an 01, 1988 E | Auto Tu Center Fi 1.165000000 G Start Fr 30.000000 M Stop Fr |
| o dB/div o dB/div o dB/div o dB/div | um Analyzer - Swept RF 50 Q req 1.1650000 Ref Offset 1 dB | SA AC OOO GHz PNO: F IFGain: | ast 🖵 1 | SENS | Run | Avg Type | ALIGN AUTO align | 06:47:10 AI 06:47:10 AI TRAC TYP DE 1 2.231 | npled M1an 01, 1988 E | Auto Tu Center Fr 1.16500000 G Start Fr 30.000000 M |
| 0 dB/div 0 dB/div 0 dB/div 0 dB/div 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | um Analyzer - Swept RF 50 Q req 1.1650000 Ref Offset 1 dB | SA AC OOO GHz PNO: F IFGain: | ast 🖵 1 | SENS | Run | Avg Type | ALIGN AUTO align | 06:47:10 AI 06:47:10 AI TRAC TYP DE 1 2.231 | npled M1an 01, 1988 E | Auto Tu Center Fr 1.165000000 G Start Fr 30.000000 M Stop Fr 2.300000000 G |
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| D dB/div 0 dB/div 0 0 0 0 br>0 0 0 br>0 0 0 0 0 0 0 0 0 0 0 0 | um Analyzer - Swept Ref 20.00 dB Ref 20.00 dB | SA AC PNO: F IFGain: | ast S 1 | SENS | Run | Avg Type Avg Hold | ALIGN AUTO align | 06:47:10 AI 06:47:10 AI TRAC TYP DE 1 2.231 | npled M1an 01, 1988 E | Auto Tu Center Fr 1.165000000 G Start Fr 30.000000 M Stop Fr 2.300000000 G |
| 0 dB/div 0 dB/d | um Analyzer - Swept RF 50 Q req 1.1650000 Ref Offset 1 dB | SA AC PNO: F IFGain: | ast S 1 | SENS | Run dB | Avg Type Avg Hold: | ALIGN AUTO align | 06:47:10 AI 06:47:10 AI TRAC TYP DE 1 2.231 | npled M1an 01, 1988 E | Auto Tu Center Fi 1.165000000 G Start Fr 30.000000 M Stop Fr 2.30000000 G CF St 227.000000 M Auto M |
| D dB/div 90 100 100 100 100 100 100 100 | um Analyzer - Swept Ref 20.00 dB Ref 20.00 dB | SA AC PNO: F IFGain: | ast S 1 | rig: Free Atten: 40 | Run dB | Avg Type Avg Hold: | ALIGNAUTO 2: Log-Pwr >50/50 MKr | 06:47:10 AI 06:47:10 AI TRAC TYP DE 1 2.231 | npled M1an 01, 1988 E | Auto Tu Center Fi 1.165000000 G Start Fr 30.000000 M Stop Fr 2.30000000 G CF St 227.000000 M Auto M |
| 0 dB/div 0 dB/d | um Analyzer - Swept Ref 20.00 dB Ref 20.00 dB | SA AC PNO: F IFGain: | ast S 1 | rig: Free Atten: 40 | Run dB | Avg Type Avg Hold: | ALIGNAUTO 2: Log-Pwr >50/50 MKr | 06:47:10 AI 06:47:10 AI TRAC TYP DE 1 2.231 | npled M1an 01, 1988 E | Auto Tu Center Fi 1.165000000 G Start Fr 30.000000 M Stop Fr 2.30000000 G CF St 227.000000 M Auto M |
| 0 dB/div 0 dB/d | um Analyzer - Swept Ref 20.00 dB Ref 20.00 dB | SA AC PNO: F IFGain: | ast S 1 | rig: Free Atten: 40 | Run dB | Avg Type Avg Hold: | ALIGNAUTO 2: Log-Pwr >50/50 MKr | 06:47:10 AI 06:47:10 AI TRAC TYP DE 1 2.231 | npled M1an 01, 1988 E | Auto Tu Center Fi 1.165000000 G Start Fr 30.000000 M Stop Fr 2.30000000 G CF St 227.000000 M Auto M |
| Old B/div 0 dB/div | um Analyzer - Swept Ref 20.00 dB Ref 20.00 dB | SA AC PNO: F IFGain: | ast S 1 | rig: Free Atten: 40 | Run dB | Avg Type Avg Hold: | ALIGNAUTO 2: Log-Pwr >50/50 MKr | 06:47:10 AI 06:47:10 AI TRAC TYP DE 1 2.231 | npled M1an 01, 1988 E | Auto Tu Center Fi 1.165000000 G Start Fr 30.000000 M Stop Fr 2.30000000 G CF St 227.000000 M Auto M |
| Old B/div 0 dB/div | um Analyzer - Swept Ref 20.00 dB Ref 20.00 dB analyzer - Swept Ref 20.00 dB analyzer - Swept analyzer - Swept Solowith | SA AC PNO: F IFGain: | ast S 1 | rig: Free Atten: 40 | Run dB | Avg Type Avg Hold: | ALIGNAUTO 2: Log-Pwr >50/50 MKr | DC COU | 1919 | Auto Tu Center Fi 1.165000000 G Start Fr 30.000000 M Stop Fr 2.30000000 G CF St 227.000000 M Auto M |

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| | r <mark>um Analyzer - Swe</mark> RF 50 Ω | | | CTA | ICE, IN IT | | | 06-47-00-01 | 41 01 1000 | _ | _ |
|---|---|---|-----------------|--------------------------|------------|----------------------|--|---|--|---|--|
| enter F | req 2.35000 | 0000 GHz PNO: | : Fast 🖵 | Trig: Free | | | ALIGNAUTO :- Log-Pwr :> 200/200 | TRAC | MJan 01, 1988 26 1 2 3 4 5 6 26 MWWWWWW 61 P P P P P P | Frequenc | сy |
| | Ref Offset 1 d | в | n:Low | #Atten: 40 |) dB | | Mk | r1 2.39 | 9 9 GHz | Auto | Tui |
| 0 dB/div og | Ref 20.00 d | Bm | | | | | | -30.3 | 23 dBm | | |
| | | | | | | | | | | Center | Fre |
| 10.0 | | | | | | | | | | 2.35000000 | 0 Gł |
| | | | | | | | | | | | |
|).00 | | | | | | | | | | Start | Fre |
| 10.0 | | | | | | | | | | 2.30000000 | |
| <u> </u> | | | | | | | | | -15.97 dBm | | |
| 0.0 | | | | | | | | | | Stop | Er |
| | | | | | | | | | | 2.40000000 | |
| 0.0 | | | | | | | | | 1 | | |
| 10.0 | | | | | | | | | MAL IN | CF | Ste |
| +0.0 | | | | | | | | | . MAR | 10.00000 | 0 MI |
| 50.0 | Multiletare | when which the A | Unit for Albert | de Anto-Kontabat | waadh | anither driftended | | waywatte | N ^{M.} | <u>Auto</u> | M |
| 4.41.61 | | and the second | | | a failte a | | | | | FreqC | \ffa |
| 60.0 | | | | | | | | | | Frequ | 01 |
| | | | | | | | | | | | |
| 70.0 | | | | | | | | | | | |
| | | | | | | | | | | | |
| 1 | | | | | | | | Of an 2 // | | | |
| | 1000 GHz | | #\/R\A(| 300 kHz | | | Sween 0 | | 0000 GHz | | |
| Res BW | 0000 GHz 100 kHz | | #VBW | 300 kHz | | | Sweep 9 | .600 ms (| | | |
| Res BW | 100 kHz | | #VBW | 300 kHz | | | Sweep 9 Status | .600 ms (| | | |
| Res BW | | | #VBW | | ISE:INT | | STATUS | .600 ms (| | | |
| Res BW ^{SG} gilent Spectr | 100 kHz rum Analyzer - Swe | AC 0000 GHz | | SEN | NSE:INT | Avg Type | STATUS | .600 ms (| 1001 pts) ^{4]an 01, 1988} ^E 12 3 4 5 6 | Frequenc | зy |
| Res BW ^{SG} gilent Spectr | 100 kHz rum Analyzer - Swe RF 50 Ω | AC 0000 GHz PNO: | | | ISE:INT | | ALIGN AUTO 2: Log-Pwr >200/200 | .600 ms (06:47:31 AF TRAC TYF DF | 1001 pts) Mlan 01, 1988 Е 1 2 3 4 5 6 М М М М М Р Р Р Р Р | | |
| Res BW gilent Spectr RL Center F | 100 kHz rum Analyzer - Swe RF 50 Q req 2.49175 Ref Offset 1 di | AC 0000 GHz PNO: IFGai | :Fast 🖵 | SEM Trig: Free | ISE:INT | Avg Type | ALIGN AUTO 2: Log-Pwr >200/200 | .600 ms (06:47:31 AT TRAC TYP .493 453 | 1001 pts) ^{113an 01, 1988} ¹² 12 3 4 5 6 ¹⁴ 12 3 4 5 6 ¹⁵ 12 3 4 5 6 ¹⁵ 12 3 4 5 6 ¹⁵ 12 4 5 6 | | |
| Res BW gilent Spectr RL Center F | 100 kHz rum Analyzer - Swej RF 50 Ω req 2.49175 | AC 0000 GHz PNO: IFGai | :Fast 🖵 | SEM Trig: Free | ISE:INT | Avg Type | ALIGN AUTO 2: Log-Pwr >200/200 | .600 ms (06:47:31 AT TRAC TYP .493 453 | 1001 pts) Mlan 01, 1988 Е 1 2 3 4 5 6 М М М М М Р Р Р Р Р | | |
| Res BW gilent Spectr RL Center F 0 dB/div | 100 kHz rum Analyzer - Swe RF 50 Q req 2.49175 Ref Offset 1 di | AC 0000 GHz PNO: IFGai | :Fast 🖵 | SEM Trig: Free | ISE:INT | Avg Type | ALIGN AUTO 2: Log-Pwr >200/200 | .600 ms (06:47:31 AT TRAC TYP .493 453 | 1001 pts) ^{113an 01, 1988} ¹² 12 3 4 5 6 ¹⁴ 12 3 4 5 6 ¹⁵ 12 3 4 5 6 ¹⁵ 12 3 4 5 6 ¹⁵ 12 4 5 6 | | Tui |
| Res BW gilent Specto RL enter F 0 dB/div | 100 kHz rum Analyzer - Swe RF 50 Q req 2.49175 Ref Offset 1 di | AC 0000 GHz PNO: IFGai | :Fast 🖵 | SEM Trig: Free | ISE:INT | Avg Type | ALIGN AUTO 2: Log-Pwr >200/200 | .600 ms (06:47:31 AT TRAC TYP .493 453 | 1001 pts) ^{113an 01, 1988} ¹² 12 3 4 5 6 ¹² 2 3 4 5 6 ¹³ ¹² 1 2 3 4 5 6 ¹⁴ ¹⁵ ¹⁶ ¹⁶ ¹⁶ ¹⁶ ¹⁶ ¹⁶ ¹⁶ ¹⁶ | Auto | Tur Fre |
| Res BW gilent Spectr RL enter F 0 dB/div | 100 kHz rum Analyzer - Swe RF 50 Q req 2.49175 Ref Offset 1 di | AC 0000 GHz PNO: IFGai | :Fast 🖵 | SEM Trig: Free | ISE:INT | Avg Type | ALIGN AUTO 2: Log-Pwr >200/200 | .600 ms (06:47:31 AT TRAC TYP .493 453 | 1001 pts) ^{113an 01, 1988} ¹² 12 3 4 5 6 ¹² 2 3 4 5 6 ¹³ ¹² 1 2 3 4 5 6 ¹⁴ ¹⁵ ¹⁶ ¹⁶ ¹⁶ ¹⁶ ¹⁶ ¹⁶ ¹⁶ ¹⁶ | Auto | Tur Fre |
| Res BW gilent Spectr RL enter F 0 dB/div | 100 kHz rum Analyzer - Swe RF 50 Q req 2.49175 Ref Offset 1 di | AC 0000 GHz PNO: IFGai | :Fast 🖵 | SEM Trig: Free | ISE:INT | Avg Type | ALIGN AUTO 2: Log-Pwr >200/200 | .600 ms (06:47:31 AT TRAC TYP .493 453 | 1001 pts) ^{113an 01, 1988} ¹² 12 3 4 5 6 ¹² 2 3 4 5 6 ¹³ ¹² 1 2 3 4 5 6 ¹⁴ ¹⁵ ¹⁶ ¹⁶ ¹⁶ ¹⁶ ¹⁶ ¹⁶ ¹⁶ ¹⁶ | Auto | Tui Fre |
| Res BW ss gilent Spectr gilent Spectr center F 0 dB/div og 10.0 | 100 kHz rum Analyzer - Swe RF 50 Q req 2.49175 Ref Offset 1 di | AC 0000 GHz PNO: IFGai | :Fast 🖵 | SEM Trig: Free | ISE:INT | Avg Type | ALIGN AUTO 2: Log-Pwr >200/200 | .600 ms (06:47:31 AT TRAC TYP .493 453 | 1001 pts) ^{113an 01, 1988} ¹² 12 3 4 5 6 ¹² 2 3 4 5 6 ¹³ ¹² 1 2 3 4 5 6 ¹⁴ ¹⁵ ¹⁶ ¹⁶ ¹⁶ ¹⁶ ¹⁶ ¹⁶ ¹⁶ ¹⁶ | Auto Center 2.49175000 | Tur Fre 0 Gi |
| Res BW ss gilent Spectr gilent Spectr center F 0 dB/div og 10.0 | 100 kHz rum Analyzer - Swe RF 50 Q req 2.49175 Ref Offset 1 di | AC 0000 GHz PNO: IFGai | :Fast 🖵 | SEM Trig: Free | ISE:INT | Avg Type | ALIGN AUTO 2: Log-Pwr >200/200 | .600 ms (06:47:31 AT TRAC TYP .493 453 | 1001 pts) ^{113an 01, 1988} ¹² 12 3 4 5 6 ¹² 2 3 4 5 6 ¹³ ¹² 1 2 3 4 5 6 ¹⁴ ¹⁵ ¹⁶ ¹⁶ ¹⁶ ¹⁶ ¹⁶ ¹⁶ ¹⁶ ¹⁶ | Auto Center 2.49175000 Start | Tur Fre 0 Gi |
| Res BW s glent Spect RL RL O dB/div o g | 100 kHz rum Analyzer - Swe RF 50 Q req 2.49175 Ref Offset 1 di | AC 0000 GHz PNO: IFGai | :Fast 🖵 | SEM Trig: Free | ISE:INT | Avg Type | ALIGN AUTO 2: Log-Pwr >200/200 | .600 ms (06:47:31 AT TRAC TYP .493 453 | 1001 pts) | Auto Center 2.49175000 Start | Tur Fre 0 GH |
| Res BW s glent Spect RL RL O dB/div o g | 100 kHz rum Analyzer - Swe RF 50 Q req 2.49175 Ref Offset 1 di | AC 0000 GHz PNO: IFGai | :Fast 🖵 | SEM Trig: Free | ISE:INT | Avg Type | ALIGN AUTO 2: Log-Pwr >200/200 | .600 ms (06:47:31 AT TRAC TYP .493 453 | 1001 pts) 12an 01, 1988 E 12 3 4 5 6 E 12 3 4 5 6 E 19 2 3 4 5 6 E 19 2 9 5 | Auto Center 2.49175000 Start 2.48350000 | Tur Fre 0 Gi Fre |
| Res BW s glent Spect RL RL O dB/div o g | 100 kHz rum Analyzer - Swe RF 50 Q req 2.49175 Ref Offset 1 di | AC 0000 GHz PNO: IFGai | :Fast 🖵 | SEM Trig: Free | ISE:INT | Avg Type | ALIGN AUTO 2: Log-Pwr >200/200 | .600 ms (06:47:31 AT TRAC TYP .493 453 | 1001 pts) 12an 01, 1988 E 12 3 4 5 6 E 12 3 4 5 6 E 19 2 3 4 5 6 E 19 2 9 5 | Auto Center 2.49175000 Start 2.48350000 Stop | Tur Fre 0 Gi Fre |
| Res BW glient Spect RL RL CodB/div 9 10.0 10.0 20.0 30.0 | 100 kHz rum Analyzer - Swe RF 50 Q req 2.49175 Ref Offset 1 di | AC 0000 GHz PNO: IFGai | :Fast 🖵 | SEM Trig: Free | ISE:INT | Avg Type Avg Hold | ALIGN AUTO 2: Log-Pwr >200/200 | .600 ms (06:47:31 AT TRAC TYP .493 453 | 1001 pts) 12an 01, 1988 E 12 3 4 5 6 E 12 3 4 5 6 E 19 2 3 4 5 6 E 19 2 9 5 | Auto Center 2.49175000 Start 2.48350000 Stop 2.50000000 | Tur Fre 0 Gi Fre 0 Gi Fre 0 Gi Ste |
| Res BW glient Spect RL RL CodB/div 9 10.0 10.0 20.0 30.0 | 100 kHz rum Analyzer - Swe RF 50 Q req 2.49175 Ref Offset 1 di | AC 0000 GHz PNO: IFGai | :Fast 🖵 | SEM Trig: Free | ISE:INT | Avg Type | ALIGN AUTO 2: Log-Pwr >200/200 | .600 ms (06:47:31 AT TRAC TYP .493 453 | 1001 pts) 12an 01, 1988 E 12 3 4 5 6 E 12 3 4 5 6 E 19 2 3 4 5 6 E 19 2 9 5 | Auto Center 2.49175000 Start 2.48350000 Stop 2.50000000 CF 1.65000 | Tur Fre 0 GH Fre 0 GH Fre 0 GH |
| Res BW glient Spectr RL Image: spectr RL Image: spectr Im | 100 kHz rum Analyzer - Swer RF 50 Ω req 2.491750 Ref Offset 1 dl Ref 20.00 d | B B B B B B B B B B B B B B B B B B B | : Fast 🖵 | Trig: Free #Atten: 40 | | Avg Type Avg Hold | ALIGN AUTO 2: Log.Pwr >200/200 Mkr1 2 | 06:47:31 AI TRAC TRAC TYA OF -47.7: | 43an 01, 1988 413an 01, 1988 EF 12 23 45 6 MAXMANDER F P P P P P P 5 0 GHz 96 dBm | Auto Center 2.49175000 Start 2.48350000 Stop 2.50000000 | Fre 0 GH Fre 0 GH Fre 0 GH |
| Res BW sa | 100 kHz rum Analyzer - Swer RF 50 Ω req 2.491750 Ref Offset 1 dl Ref 20.00 d | AC 0000 GHz PNO: IFGai | : Fast 🖵 | Trig: Free #Atten: 40 | | Avg Type Avg Hold | ALIGN AUTO 2: Log.Pwr >200/200 Mkr1 2 | 06:47:31 AI TRAC TRAC TYA OF -47.7: | 43an 01, 1988 413an 01, 1988 EF 12 23 45 6 MAXMAN F P P P P P P 5 0 GHz 96 dBm 15 97 dbm | Auto Center 2.49175000 Start 2.48350000 Stop 2.50000000 CF 1.550000 Auto | Tur Fre 0 GH Fre 0 GH Ste 0 MH Ma |
| Res BW sa | 100 kHz rum Analyzer - Swer RF 50 Ω req 2.491750 Ref Offset 1 dl Ref 20.00 d | B B B B B B B B B B B B B B B B B B B | : Fast 🖵 | Trig: Free #Atten: 40 | | Avg Type Avg Hold | ALIGN AUTO 2: Log.Pwr >200/200 Mkr1 2 | 06:47:31 AI TRAC TRAC TYA OF -47.7: | 43an 01, 1988 413an 01, 1988 EF 12 23 45 6 MAXMAN F P P P P P P 5 0 GHz 96 dBm 15 97 dbm | Auto Center 2.49175000 Start 2.48350000 Stop 2.50000000 CF 1.65000 | Tur Fre 0 GH :Fre 0 GH Fre 0 GH Ste 0 MH Ma |
| Res BW gilent Spectr gilent Spectr RL In RL CodeJ/div O O CodeJ/div O O CodeJ/div O O CodeJ/div O | 100 kHz rum Analyzer - Swer RF 50 Ω req 2.491750 Ref Offset 1 dl Ref 20.00 d | B B B B B B B B B B B B B B B B B B B | : Fast 🖵 | Trig: Free #Atten: 40 | | Avg Type Avg Hold | ALIGN AUTO 2: Log.Pwr >200/200 Mkr1 2 | 06:47:31 AI TRAC TRAC TYA OF -47.7: | 43an 01, 1988 413an 01, 1988 EF 12 23 45 6 MAXMAN F P P P P P P 5 0 GHz 96 dBm 15 97 dbm | Auto Center 2.49175000 Start 2.48350000 Stop 2.50000000 CF 1.550000 Auto | Tur Fre 0 GH :Fre 0 GH Fre 0 GH Ste 0 MH Ma |
| Res BW gilent Spectr R gilent Spectr R enter F Image: Spectr code/div Spectr so Spectr | 100 kHz rum Analyzer - Swer RF 50 Ω req 2.491750 Ref Offset 1 dl Ref 20.00 d | B B B B B B B B B B B B B B B B B B B | : Fast 🖵 | Trig: Free #Atten: 40 | | Avg Type Avg Hold | ALIGN AUTO 2: Log.Pwr >200/200 Mkr1 2 | 06:47:31 AI TRAC TRAC TYA OF -47.7: | 43an 01, 1988 413an 01, 1988 EF 12 23 45 6 MAXMAN F P P P P P P 5 0 GHz 96 dBm 15 97 dbm | Auto Center 2.49175000 Start 2.48350000 Stop 2.50000000 CF 1.550000 Auto | Tur Fre 0 GH Fre 0 GH Fre 0 GH Ste 0 MH Ma |
| Res BW gilent Spectr RL Ret CodB/div 9 10.0< | 100 kHz rum Analyzer - Swer RF 50 Ω req 2.491750 Ref Offset 1 dl Ref 20.00 d | B B B B B B B B B B B B B B B B B B B | : Fast 🖵 | Trig: Free #Atten: 40 | | Avg Type Avg Hold | status aLion auto b: Log.Pwr >>200/200 Mkr1 2 | .600 ms (| 41an 01, 1988 41an 01, 1988 61 12 3 4 5 6 7 P P P P P P 5 0 GHz 96 dBm | Auto Center 2.49175000 Start 2.48350000 Stop 2.50000000 CF 1.550000 Auto | Tur Fre 0 GH Fre 0 GH Fre 0 GH Ste 0 MH Ma |
| Res BW gilent Spectr gilent Spectr RL Center F 0 dB/div 9 10.0 9 10.0 9 10.0 < | 100 kHz rum Analyzer - Swer RF 50 Ω req 2.491750 Ref Offset 1 dl Ref 20.00 d | B B B B B B B B B B B B B B B B B B B | : Fast 🖵 | Trig: Free #Atten: 40 | | Avg Type Avg Hold | ALION AUTO E: Log.Pwr >200/200 Mkr1 2 //////////////////////////////////// | .600 ms (| 1001 pts) 4 an 01, 1988 E 12 2 4 5 6 M M M M M M T P P P P P P P 5 0 GHz 96 dBm | Auto Center 2.49175000 Start 2.48350000 Stop 2.50000000 CF 1.550000 Auto | Tur Fre 0 GH : Fre 0 GH Fre 0 GH |

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| RL | | Ω AC | | SEN | ISE:INT | | ALIGN AUTO | | 4 Jan 01, 1988 E <mark>1 2 3 4 5 6</mark> | Frequency |
|--------------------------|---|------|------------------------|--------------------------|---------|-----------|------------|---------------------|--|------------------------------------|
| enter F | req 14.500 | Р | NO: Fast 😱 Gain:Low | Trig: Free #Atten: 40 | | Avg Hold: | | TYF | T P P P P P P | |
| 0 dB/div og | Ref Offset 1 Ref 20.00 | | | | | | М | | 61 GHz 44 dBm | Auto Tun |
| 10.0 | | | | | | | | | | Center Fre 14.500000000 G⊦ |
| 0.00 | | | | | | | | | | Start Fre 2.500000000 GH |
| 0.0 | | | | | | | | | -15.97 dBm | Stop Fre 26.50000000 GH |
| 0.0 | | | | a.a. ar.Lada | | | | | 1 Nariy patrika | CF Ste 2.40000000 GF Auto Ma |
| 0.0 m/hu/u 0.0 | der der ster br>Ster der ster | | | | | | | | | Freq Offs |
| 0.0 | | | | | | | | | | |
| tart 2.50 Pes Biar | GHz 100 kHz | | #VBM | 300 kHz | | | Sween | Stop 2 2.294 s (| 6.50 GHz | |



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4.8.1.1.8 802.11 N20_ Middle Channel



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| | r <mark>um Analyzer - Sw</mark> RF 50 Ω | 2 \Lambda DC | | | VSE:INT | | ALIGN AUTO | 06:52:39 AI | M Jan 01, 1988 | _ | _ |
|--|--|---------------------------------------|------------------------------|--------------------------|---------------|----------------------------|--|---|---|--|---|
| | req 15.0750 | 000 MHz | PNO: Fast 🖕 | Trig: Free | e Run | | e: Log-Pwr | TRAC | | Frequen | icy |
| | Ref Offset 1 | | FGain:Low | #Atten: 40 | | | | Mkr1 | 170 kHz | Auto | Tu |
|) dB/div | Ref 20.00 | | | | | | | -39.9 | 09 dBm | | |
| - - | | | | | | | | | | Cente | rEn |
| 0.0 | | | | | | | | | | 15.07500 | |
| .00 | | | | | | | | | | | |
| | | | | | | | | | | Star | |
| 0.0 | | | | | | | | | | 150.0 | 00 k |
| 0.0 | | | | | | | | | | | |
| 0.0 | | | | | | | | | -26.29 dBm | Stop 30.00000 | |
| 0.0 | | | | | | | | | | 30.00000 | 50 14 |
| 0.0 | | | | | | | | | | CF | = St |
| 5.0 K | | | | | | | | | | 2.98500 Auto | M 00 N |
| 0.0 | | | | | | | | | | | |
| 0.0 | | | | | | | | | | Freq | Offs |
| 1449.0.6 | alitate terretari alitate | | | n, and the still be | | وبالمصاد إندبا أحدة وطبيحا | et de la desta | nin Andria | ab distant | | 0 |
| 0.0 | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| tart 150 | | | #\/D\\ | 20 64- | | | Curaan 0 | | 0.00 MHz | | |
| tart 150 Res BW | | | #VBW | 30 kHz | | | | .85.4 ms (| 3001 pts) | | |
| Res BW | | rept SA | #VBW | 30 kHz | | | | | 3001 pts) | | |
| Res BW IG Ilent Spectr | 10 kHz ium Analyzer - Sw RF 50 Q | 2 AC | | | NSE:INT | | STATUS ALIGN AUTO | 285.4 ms (| 3001 pts) Ipled | Frequen | юу |
| Res BW G ilent Spectr | 10 kHz um Analyzer - Sw | 2 AC 00000 G | Hz PNO: Fast | Ser | e Run | | STATUS ALIGNAUTO | 285.4 ms (| 3001 pts) upled | Frequen | ncy |
| Res BW g ilent Spectr RL | 10 kHz | 2 AC 00000 G II | Hz |) Trig: Free | e Run | Avg Type | ALIGN AUTO 2: Log-Pwr >50/50 | 285.4 ms (DC Cou 06:53:01 Al TRAC TYP 1 2.172 | 3001 pts) upled MJan 01, 1988 E 1 2 3 4 5 6 E 1 2 3 4 5 6 E P P P P P P 31 GHz | Frequen | |
| Res BW G ilent Spectr RL enter F O dB/div | 10 kHz ium Analyzer - Sw RF 50 Q | 2 AC 000000 G II | Hz PNO: Fast |) Trig: Free | e Run | Avg Type | ALIGN AUTO 2: Log-Pwr >50/50 | 285.4 ms (DC Cou 06:53:01 Al TRAC TYP 1 2.172 | 3001 pts) Ipled MJan 01, 1988 E 1 2 3 4 5 6 MWWWWW P P P P P P | | |
| Res BW G ilent Spectr RL enter F O dB/div | 10 kHz um Analyzer - Sw RF 50 Q req 1.16500 | 2 AC 000000 G II | Hz PNO: Fast |) Trig: Free | e Run | Avg Type | ALIGN AUTO 2: Log-Pwr >50/50 | 285.4 ms (DC Cou 06:53:01 Al TRAC TYP 1 2.172 | 3001 pts) upled MJan 01, 1988 E 1 2 3 4 5 6 E 1 2 3 4 5 6 E P P P P P P 31 GHz | | Tu |
| Res BW | 10 kHz um Analyzer - Sw RF 50 Q req 1.16500 | 2 AC 000000 G II | Hz PNO: Fast |) Trig: Free | e Run | Avg Type | ALIGN AUTO 2: Log-Pwr >50/50 | 285.4 ms (DC Cou 06:53:01 Al TRAC TYP 1 2.172 | 3001 pts) upled MJan 01, 1988 E 1 2 3 4 5 6 E 1 2 3 4 5 6 E P P P P P P 31 GHz | Auto | Tu r Fr |
| Res BW | 10 kHz um Analyzer - Sw RF 50 Q req 1.16500 | 2 AC 000000 G II | Hz PNO: Fast |) Trig: Free | e Run | Avg Type | ALIGN AUTO 2: Log-Pwr >50/50 | 285.4 ms (DC Cou 06:53:01 Al TRAC TYP 1 2.172 | 3001 pts) upled MJan 01, 1988 E 1 2 3 4 5 6 E 1 2 3 4 5 6 E P P P P P P 31 GHz | Auto Cente | Tu r Fr |
| G G G G C C C C C C C C C C C C C | 10 kHz um Analyzer - Sw RF 50 Q req 1.16500 | 2 AC 000000 G II | Hz PNO: Fast |) Trig: Free | e Run | Avg Type | ALIGN AUTO 2: Log-Pwr >50/50 | 285.4 ms (DC Cou 06:53:01 Al TRAC TYP 1 2.172 | 3001 pts) upled MJan 01, 1988 E 1 2 3 4 5 6 E 1 2 3 4 5 6 E P P P P P P 31 GHz | Auto Cente 1.16500000 Star | r Fr 00 G |
| Res BW G G G G G G G G G G G G G G G G G G G | 10 kHz um Analyzer - Sw RF 50 Q req 1.16500 | 2 AC 000000 G II | Hz PNO: Fast |) Trig: Free | e Run | Avg Type | ALIGN AUTO 2: Log-Pwr >50/50 | 285.4 ms (DC Cou 06:53:01 Al TRAC TYP 1 2.172 | 3001 pts) ipled Mian 01, 1988 F 12 34 5 6 Mianton 1, 1988 Mianton 1, | Auto Cente 1.16500000 | r Fr 00 G |
| G G G G C C C C C C C C C C C C C | 10 kHz um Analyzer - Sw RF 50 Q req 1.16500 | 2 AC 000000 G II | Hz PNO: Fast |) Trig: Free | e Run | Avg Type | ALIGN AUTO 2: Log-Pwr >50/50 | 285.4 ms (DC Cou 06:53:01 Al TRAC TYP 1 2.172 | 3001 pts) upled MJan 01, 1988 E 1 2 3 4 5 6 E 1 2 3 4 5 6 E P P P P P P 31 GHz | Auto Cente 1.1650000 Star 30.00000 | r Fr DO G t Fr |
| Res BW g glent Spectr RL enter F o dB/div 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 10 kHz um Analyzer - Sw RF 50 Q req 1.16500 | 2 AC 000000 G II | Hz PNO: Fast |) Trig: Free | e Run | Avg Type | ALIGN AUTO 2: Log-Pwr >50/50 | 285.4 ms (DC Cou 06:53:01 Al TRAC TYP 1 2.172 | 3001 pts) ipled Mian 01, 1988 F 12 34 5 6 Mianton 1, 1988 Mianton 1, | Auto Cente 1.16500000 Star | Tu rFr 00 G tFr 00 M |
| Res BW IG Ilent Spectr | 10 kHz um Analyzer - Sw RF 50 Q req 1.16500 | 2 AC 000000 G II | Hz PNO: Fast |) Trig: Free | e Run | Avg Type | ALIGN AUTO 2: Log-Pwr >50/50 | 285.4 ms (DC Cou 06:53:01 Al TRAC TYP 1 2.172 | 3001 pts) ipled Mian 01, 1988 F 12 2 4 5 6 Mian 02, 1988 Mian 01, 1988 F 1989 P P 31 GHz 31 GHz 32 dBm | Auto Cente 1.16500000 Star 30.00000 Stop | Tu rFr 00 G tFr 00 M |
| Res BW g glent Spectr RL enter F o dB/div 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 10 kHz um Analyzer - Sw RF 50 Q req 1.16500 | 2 AC 000000 G II | Hz PNO: Fast |) Trig: Free | e Run | Avg Type | ALIGN AUTO 2: Log-Pwr >50/50 | 285.4 ms (DC Cou 06:53:01 Al TRAC TYP 1 2.172 | 3001 pts) ipled Man 01, 1988 F 12 34 5 6 MANNAU 31 GHz 32 dBm -16.29 dBm | Auto Cente 1.16500000 Star 30.00000 2.30000000 | r Fr 00 G t Fr 00 M |
| Res BW G G G G G G G G G G G G G G G G G G G | 10 kHz | 2 AC 000000 G dB dBm | Hz PN0: Fast FGain:Low |) Trig: Free | e Run | Avg Type Avg Hold: | ALIGN AUTO E: Log-Pwr >50/50 MIKr | 285.4 ms (DC Cou 06:53:01 Al TRAC TYP 1 2.172 | 3001 pts) ipled Mian 01, 1988 F 12 2 4 5 6 Mian 02, 1988 Mian 01, 1988 F 1989 P P 31 GHz 31 GHz 32 dBm | Auto Cente 1.16500000 Star 30.00000 Stop 2.30000000 | • Tu • Fr • 00 G • t Fr • 00 M • • • • • • |
| Res BW G G G G G G G G G G G G G G G G G G G | 10 kHz um Analyzer - Sw RF 50 Q req 1.16500 | 2 AC 000000 G dB dBm | Hz PNO: Fast FGain:Low | Trig: Free #Atten: 40 | e Run 0 dB | | ALIGNAUTO 2: Log-Pwr >50/50 MKr | 285.4 ms (DC Cou 06:53:01 Al TRAC TYP 1 2.172 | 3001 pts) ipled Man 01, 1988 F 12 34 5 6 MANNAU 31 GHz 32 dBm -16.29 dBm | Auto Cente 1.16500000 Star 30.00000 Stop 2.30000000 | • Tu • Fr • 00 G • t Fr • 00 M • • • • • • |
| Res BW G G G G G G G G G G G G G G G G G G G | 10 kHz | 2 AC 000000 G II dB dBm | Hz PNO: Fast FGain:Low | Trig: Free #Atten: 40 | e Run 0 dB | Avg Type Avg Hold: | ALIGNAUTO 2: Log-Pwr >50/50 MKr | 85.4 ms (DC Col 06:53:01 A TRAC TRAC TW 0 0 1 2.172 -46.6 | 3001 pts) ipled Man 01, 1988 F 12 34 5 6 MANNAU 31 GHz 32 dBm -16.29 dBm | Auto Cente 1.16500000 Star 30.00000 Stop 2.30000000 | • Tu • Fr • 00 G • Fr • 00 G • Fr • 00 G • St • 00 M M |
| Res BW G G G G G G G G G G G G G G G G G G G | 10 kHz | 2 AC 000000 G II dB dBm | Hz PNO: Fast FGain:Low | Trig: Free #Atten: 40 | e Run 0 dB | | ALIGNAUTO 2: Log-Pwr >50/50 MKr | 85.4 ms (DC Col 06:53:01 A TRAC TRAC TW 0 0 1 2.172 -46.6 | 3001 pts) ipled Man 01, 1988 F 12 34 5 6 MANNAU 31 GHz 32 dBm -16.29 dBm | Auto Cente 1.16500000 Star 30.00000 2.30000000 CF 227.00000 Auto | Tu rFr 00 G tFr 00 G Fr 00 G = Sta |
| Res BW G G G G G G G G G G G G G G G G G G G | 10 kHz | 2 AC 000000 G II dB dBm | Hz PNO: Fast FGain:Low | Trig: Free #Atten: 40 | e Run 0 dB | | ALIGNAUTO 2: Log-Pwr >50/50 MKr | 85.4 ms (DC Col 06:53:01 A TRAC TRAC TW 0 0 1 2.172 -46.6 | 3001 pts) ipled Man 01, 1988 F 12 34 5 6 MANNAU 31 GHz 32 dBm -16.29 dBm | Auto Cente 1.16500000 Star 30.00000 2.30000000 CF 227.00000 Auto | Tu rFr 00 G tFr 00 G Fr 00 G = Sta |
| Res BW G G G G G G G G G G G G G G G G G G G | 10 kHz | 2 AC 000000 G II dB dBm | Hz PNO: Fast FGain:Low | Trig: Free #Atten: 40 | e Run 0 dB | | ALIGNAUTO 2: Log-Pwr >50/50 MKr | 85.4 ms (DC Cou 06:53:01 A TRAC TY 0 1 2.172 -46.6 | 3001 pts) pled Man 01, 1988 E 12 2 4 5 6 Max 1988 31 GHz 32 dBm | Auto Cente 1.16500000 Star 30.00000 2.30000000 CF 227.00000 Auto | Tu rFr 00 G tFr 00 G Fr 00 G = Sta |
| Res BW G G G G G G G G G G G G G G G G G G G | 10 kHz | 2 AC 000000 G II dB dBm | Hz PNO: Fast FGain:Low | Trig: Free #Atten: 40 | e Run D dB | | ALIGN AUTO ALIGN AUTO E Log.Pwr >50/50 Mikr | 85.4 ms (DC Cou 06:53:01 A TRAC TY 0 1 2.172 -46.6 | 3001 pts) ipled Man 01, 1988 F 12 34 5 6 MANNEY 31 GHz 32 dBm -16 29 dBm -16 29 dBm -16 29 dBm -16 29 dBm -16 29 dBm | Auto Cente 1.16500000 Star 30.00000 2.30000000 CF 227.00000 Auto | Tu rFr 00 G tFr 00 M Fr 00 G |

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| ilent Spect RL | RF | | AC 00000 G | | SEM | ISE:INT | | ALIGNAUTO : Log-Pwr | 06:53:13 Al | M Jan 01, 1988 | Frequency |
|---|---|---|--|-----------------------------|----------------------------------|-----------|------------------------|---|---|--|---|
| enter | req z | | 1 | FNO: Fast 😱 -Gain:Low | Trig: Free #Atten: 40 | | Avg Hold: | | TYI Di | CE 123456 PE M WWWWW ET P P P P P P | |
| dB/div | Ref (| Offset 1 c 20.00 c | iB IBm | | | | | Mk | | 4 9 GHz 21 dBm | Auto Tu |
| | Rei | 20.00 (| | | | | | | | | |
| 0.0 | | | | | | | | | | | Center Fr 2.350000000 G |
| | | | | | | | | | | | 2.33000000 8 |
| .00 | | | | | | | | | | | Start Fr |
| 0.0 | | | | | | | | | | | 2.300000000 G |
| | | | | | | | | | | -16.29 dBm | |
| 0.0 | | | | | | | | | | | Stop Fr |
| 0.0 | | | | | | | | | | | 2.400000000 G |
| | | | | | | | | | | | CF St |
| 0.0 | | | | | | | | | | ↓ ¹ | 10.000000 M Auto M |
| 0.0 <mark>d_atar-m</mark> | When the second | he work to | and the state of t | onlululinnumm | white where | *hurenter | e-theory well would be | - | www.huple | petress/hyleppet-rate | |
| 0.0 | | | | | | | | | | | Freq Offs |
| 0.0 | | | | | | | | | | | 0 |
| 0.0 | | | | | | | | | | | |
| | | | | | | | | | | | |
| tart 2.30 | 1000 C | SHZ | | | | | | | Stop 2.40 | 0000 GHz | |
| | | | | #VBW | 300 kHz | | | Sweep 9 | .600 ms (| (1001 pts) | |
| Res BW | | | | #VBW | 300 kHz | | | Sweep 9 STATUS | | (1001 pts) | |
| Res BW G ilent Spect | 100 k rum Ana | (HZ lyzer - Swe | | #VBW | | | | STATUS | | | |
| Res BW IG Ilent Spect | 100 k rum Ana RF | (Hz lyzer - Swa 50 Ω | AC 60000 G | Hz | SEM | NSE:INT | Avg Type | STATUS | 06:53:22 Al | M Jan 01, 1988 26 11 2 3 4 5 6 | Frequency |
| Res BW G ilent Spect | 100 k rum Ana RF | (Hz lyzer - Swa 50 Ω | AC 0000 G | | SEM | ISE:INT | | STATUS ALIGN AUTO S: Log-Pwr >200/200 | 06:53:22 Al TRAC TYI DI | MJan 01, 1988 CE 123456 PE MWWWWW ET P P P P P P | |
| Res BW G ilent Spect RL enter F | 100 k rum Ana RF Treq 2 Ref (| (Hz ایریور - Swo 50 ی 2.49175 | AC 50000 G II | Hz PNO: Fast 😱 | SEM Trig: Free | ISE:INT | Avg Type | STATUS ALIGN AUTO S: Log-Pwr >200/200 | 06:53:22 Al TRAC TYI DI .484 323 | MJan 01, 1988 26 1 2 3 4 5 6 PF M VM/M/M/M ET P P P P P P 5 0 GHz | |
| Res BW ig ilent Spect RL enter F 0 dB/div | 100 k rum Ana RF Treq 2 Ref (| (Hz yzer - Swa 50 Ω .49175 | AC 50000 G II | Hz PNO: Fast 😱 | SEM Trig: Free | ISE:INT | Avg Type | STATUS ALIGN AUTO S: Log-Pwr >200/200 | 06:53:22 Al TRAC TYI DI .484 323 | MJan 01, 1988 CE 123456 PE MWWWWW ET P P P P P P | |
| Res BW ident Spect RL enter F odB/div | 100 k rum Ana RF Treq 2 Ref (| (Hz ایریور - Swo 50 ی 2.49175 | AC 50000 G II | Hz PNO: Fast 😱 | SEM Trig: Free | ISE:INT | Avg Type | STATUS ALIGN AUTO S: Log-Pwr >200/200 | 06:53:22 Al TRAC TYI DI .484 323 | MJan 01, 1988 26 1 2 3 4 5 6 PF M VM/M/M/M ET P P P P P P 5 0 GHz | Auto Tu Center Fr |
| Res BW ident Spect RL enter F odB/div | 100 k rum Ana RF Treq 2 Ref (| (Hz ایریور - Swo 50 ی 2.49175 | AC 50000 G II | Hz PNO: Fast 😱 | SEM Trig: Free | ISE:INT | Avg Type | ALIGN AUTO at Log-Pwr >200/200 | 06:53:22 Al TRAC TYI DI .484 323 | MJan 01, 1988 26 1 2 3 4 5 6 PF M VM/M/M/M ET P P P P P P 5 0 GHz | Auto Tu Center Fr |
| Res BW IG Ilent Spect | 100 k rum Ana RF Treq 2 Ref (| (Hz ایریور - Swo 50 ی 2.49175 | AC 50000 G II | Hz PNO: Fast 😱 | SEM Trig: Free | ISE:INT | Avg Type | ALIGN AUTO at Log-Pwr >200/200 | 06:53:22 Al TRAC TYI DI .484 323 | MJan 01, 1988 26 1 2 3 4 5 6 PF M VM/M/M/M ET P P P P P P 5 0 GHz | Auto Tur Center Fr 2.491750000 G |
| Res BW ig ijlent Spect RL enter F od dB/div og 0.0 | 100 k rum Ana RF Treq 2 Ref (| (Hz ایریور - Swo 50 ی 2.49175 | AC 50000 G II | Hz PNO: Fast 😱 | SEM Trig: Free | ISE:INT | Avg Type | ALIGN AUTO at Log-Pwr >200/200 | 06:53:22 Al TRAC TYI DI .484 323 | MJan 01, 1988 26 1 2 3 4 5 6 PF M VM/M/M/M ET P P P P P P 5 0 GHz | Auto Tur Center Fr 2.491750000 G Start Fr |
| Res BW g glent Spect RL enter F o dB/div o 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 100 k rum Ana RF Treq 2 Ref (| (Hz ایریور - Swo 50 ی 2.49175 | AC 50000 G II | Hz PNO: Fast 😱 | SEM Trig: Free | ISE:INT | Avg Type | ALIGN AUTO at Log-Pwr >200/200 | 06:53:22 Al TRAC TYI DI .484 323 | MJan 01, 1988 26 1 2 3 4 5 6 PF M VM/M/M/M ET P P P P P P 5 0 GHz | Frequency Auto Tur Center Fr 2.491750000 G Start Fr 2.483500000 G |
| Res BW ig ilent Spect RL enter F 0 dB/div 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 100 k rum Ana RF Treq 2 Ref (| (Hz ایریور - Swo 50 ی 2.49175 | AC 50000 G II | Hz PNO: Fast 😱 | SEM Trig: Free | ISE:INT | Avg Type | ALIGN AUTO at Log-Pwr >200/200 | 06:53:22 Al TRAC TYI DI .484 323 | Mian 01, 1998 E 1 2 3 4 5 6 E Mission T P P P P P 5 0 GHz 22 dBm | Auto Tur Center Fr 2.491750000 G Start Fr 2.483500000 G Stop Fr |
| Res BW g glent Spect RL enter F o dB/div o 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 100 k rum Ana RF Treq 2 Ref (| (Hz ایریور - Swo 50 ی 2.49175 | AC 50000 G II | Hz PNO: Fast 😱 | SEM Trig: Free | ISE:INT | Avg Type | ALIGN AUTO at Log-Pwr >200/200 | 06:53:22 Al TRAC TYI DI .484 323 | Mian 01, 1998 E 1 2 3 4 5 6 E Mission T P P P P P 5 0 GHz 22 dBm | Auto Tur Center Fr 2.491750000 G Start Fr |
| Res BW G G G G G G G G G G G G G G G G G G G | 100 k rum Ana RF Treq 2 Ref (| (Hz ایریور - Swo 50 ی 2.49175 | AC 50000 G II | Hz PNO: Fast 😱 | SEM Trig: Free | ISE:INT | Avg Type | ALIGN AUTO at Log-Pwr >200/200 | 06:53:22 Al TRAC TYI DI .484 323 | Mian 01, 1998 E 1 2 3 4 5 6 E Mission T P P P P P 5 0 GHz 22 dBm | Auto Tur Center Fn 2.491750000 G Start Fn 2.483500000 G Stop Fn 2.500000000 G |
| Res BW g glent Spect RL enter F o dB/div o 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 100 k rum Ana RF Treq 2 Ref (| (Hz ایریور - Swo 50 ی 2.49175 | AC 50000 G II | Hz PNO: Fast 😱 | SEM Trig: Free | ISE:INT | Avg Type | ALIGN AUTO at Log-Pwr >200/200 | 06:53:22 Al TRAC TYI DI .484 323 | Mian 01, 1998 E 1 2 3 4 5 6 E Mission T P P P P P 5 0 GHz 22 dBm | Auto Tur Center Fr 2.491750000 G Start Fr 2.483500000 G Stop Fr 2.500000000 G |
| Res BW G G G G G G G G G G G G G G G G G G G | 100 k | (Hz ایریور - Swo 50 ی 2.49175 | IB IB IB IB IB IB IB IB IB IB IB IB IB I | Hz PNO: Fast 😱 | ∣ SB Trig: Free #Atten: 40 | ISE:INT | Avg Type Avg Hold: | status alignauto 2: Log-Pwr > 200/200 Mkr1 2 | 06:53:22 Al TRAC TV U U U U U U U U U U U U U U U U U U | Mian 01, 1988 EF 12 3 4 5 6 M MANANAN ET P P P P P P 5 0 GHz 22 dBm | Auto Tu Center Fr 2.491750000 G Start Fr 2.483500000 G Stop Fr 2.500000000 G |
| Res BW G G G G G G G G G G G G G | 100 k | (Hz ایریور - Swo 50 ی 2.49175 | IB IB IB IB IB IB IB IB IB IB IB IB IB I | Hz PNO: Fast Gain:Low | ∣ SB Trig: Free #Atten: 40 | ISE:INT | Avg Type Avg Hold: | status alignauto 2: Log-Pwr > 200/200 Mkr1 2 | 06:53:22 Al TRAC TV U U U U U U U U U U U U U U U U U U | Mian 01, 1988 EF 12 3 4 5 6 M MANANAN ET P P P P P P 5 0 GHz 22 dBm | Auto Tur Center Fr 2.491750000 G Start Fr 2.483500000 G Stop Fr 2.500000000 G CF Sto 1.550000 M Auto M |
| Res BW G G G G G G G G G G G G G G G G G G G | 100 k | (Hz ایریور - Swo 50 ی 2.49175 | IB IB IB IB IB IB IB IB IB IB IB IB IB I | Hz PNO: Fast Gain:Low | ∣ SB Trig: Free #Atten: 40 | ISE:INT | Avg Type Avg Hold: | status alignauto 2: Log-Pwr > 200/200 Mkr1 2 | 06:53:22 Al TRAC TV U U U U U U U U U U U U U U U U U U | Mian 01, 1988 EF 12 3 4 5 6 M MANANAN ET P P P P P P 5 0 GHz 22 dBm | Auto Tur Center Fr 2.491750000 G Start Fr 2.483500000 G Stop Fr 2.500000000 G CF Sto 1.550000 M Auto M |
| Res BW G G G G G G G G G G G G G G G G G G G | 100 k | (Hz ایریور - Swo 50 ی 2.49175 | IB IB IB IB IB IB IB IB IB IB IB IB IB I | Hz PNO: Fast Gain:Low | ∣ SB Trig: Free #Atten: 40 | ISE:INT | Avg Type Avg Hold: | status alignauto 2: Log-Pwr > 200/200 Mkr1 2 | 06:53:22 Al TRAC TV U U U U U U U U U U U U U U U U U U | Mian 01, 1988 EF 12 3 4 5 6 M MANANAN ET P P P P P P 5 0 GHz 22 dBm | Auto Tu Center Fr 2.491750000 G Start Fr 2.483500000 G Stop Fr 2.500000000 G CF Str 1.550000 M Auto M |
| Res BW G G G G G G G G G G G G G G G G G G G | 100 k | (Hz yzer - Swr 50 Ω 2.49175 20.00 c | IB IB IB IB IB IB IB IB IB IB IB IB IB I | Hz PNO: Fast Gain:Low | ∣ SB Trig: Free #Atten: 40 | ISE:INT | Avg Type Avg Hold: | status 24.IGN.AUTO 2: LogPwr > 200/200 Mkr1 2 | 06:53:22 Al TRAC TRAC TRAC TRAC TRAC TRAC TRAC TRAC | M Jan 01, 1988 EF 12 3 4 5 6 M MANAGE M M MANAGE M M M M M M M M M M M M M M M M M M M | Auto Tur Center Fr 2.491750000 G Start Fr 2.483500000 G Stop Fr 2.500000000 G CF Sto 1.550000 M Auto M |
| Res BW g jlent Spect RL enter F 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0. | 100 k | (Hz lyzer - Swe 50 g 2.49175 20.00 c Small set 1 c 20.00 c GHz | IB IB IB IB IB IB IB IB IB IB IB IB IB I | Hz PNO: Fast Gain:Low | ∣ SB Trig: Free #Atten: 40 | | Avg Type Avg Hold: | status <u>ALIGNAUTO</u> <u>Cog.Pwr</u> > 200/200 Mkr1 2 | 06:53:22 Al TRAC TRAC TA 17 10 10 10 10 10 10 10 10 10 10 10 10 10 | Mian 01, 1988 EF 12 3 4 5 6 M MANANAN ET P P P P P P 5 0 GHz 22 dBm | Auto Tur Center Fr 2.491750000 G Start Fr 2.483500000 G Stop Fr 2.500000000 G |

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| RL | RF | 50 Ω A | | | SEI | NSE:INT | | ALIGNAUTO | | 4 Jan 01, 1988 | Frequency |
|---------------------|---------------------|-----------|----|------------------------------|--|-----------------|---|--------------------|-------------------|---|---|
| enter F | req 14.5 | 00000 | PI | HZ 10: Fast G Gain:Low | Trig: Fre #Atten: 4 | | Avg Type Avg Hold: | : Log-Pwr 10/10 | TYF | Е <mark>12345</mark> 6 РЕМИНИИИ ТРРРРРР | Trequency |
|) dB/div | Ref Offs Ref 20. | | n | | | | | Μ | kr1 26.4 -37.6 | 79 GHz 01 dBm | Auto Tun |
| 0.0 | | | | | | | | | | | Center Fre 14.500000000 G⊦ |
| 0.0 | | | | | | | | | | -16.29 dBm | Start Fre 2.500000000 G⊦ |
| 0.0 | | | | | | | | | | -16.29 000 | Stop Fre 26.500000000 GH |
| 0.0 | | bloked og | | Talk Silver and all | in the second state in the second state of the | الرارية الأروية | and the state of the | | it gas and the | 1 Industriki | CF Ste 2.40000000 GH <u>Auto</u> Ma |
| 0.0 14 14 14 | | | | | | | | | | | Freq Offs 0 F |
| 0.0 | GHz | | | | | | | | Stop 2 | 6.50 GHz | |
| | 100 kHz | | | #VBV | / 300 kHz | | | Sweep | 2.294 s (| 8001 pts) | |

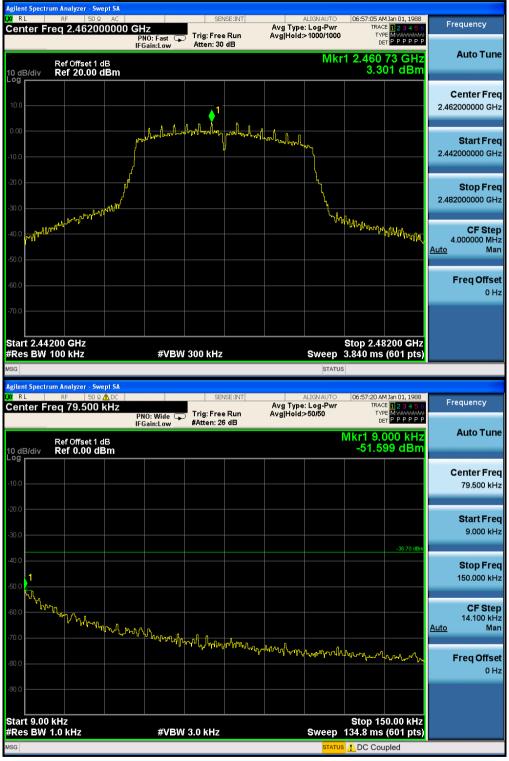


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4.8.1.1.9 802.11 N20_ Highest Channel



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| | rum Analyzer - Sw RF 50 Ω | DC | | SEM | VSE:INT | | ALIGN AUTO | 06:57:42 Al | 4 Jan 01, 1988 | | |
|--|---|--|------------------------------|--------------------------|--------------------|----------|------------------------------------|--|--|---|--|
| | req 15.0750 | 000 MHz | NO: Fast 😱 | Trig: Free #Atten: 40 | e Run | | e: Log-Pwr | TRAC | ^{Е 123456} М имилии ТРРРРРР | Frequenc | У |
| | Ref Offset 1 Ref 20.00 | dB | Gain:Low | #Atten: 40 | | | | Mkr1 [/] | 160 kHz 60 dBm | Auto 1 | Tui |
| 0 dB/div ^{og} | Rei 20.00 | | | | | | | | | | |
| 10.0 | | | | | | | | | | Center 15.075000 | |
| | | | | | | | | | | 15.075000 | |
| 3.00 | | | | | | | | | | Start | Er |
| 0.0 | | | | | | | | | | 150.00 | |
| | | | | | | | | | | | |
| 0.0 | | | | | | | | | | Stop | Fn |
| 0.0 | | | | | | | | | -26.70 dBm | 30.00000 | M |
| 1 | | | | | | | | | | 05 | - |
| 10.0 | | | | | | | | | | 2.985000 | D M |
| 50.0 | | | | | | | | | | <u>Auto</u> | М |
| | | | | | | | | | | Freq O | offs |
| 50.0 - Weight | and the state of the | United and the second second | | hall have been a | a ha lat hite alle | | and a first of the state of the | let file and a second | ik belander aufgar | | 0 |
| 70.0 | | | | to to opti- | 1 40 11 00 0 | | 44 41 10 | | | | |
| | | | | | | | | | | | |
| | | | | | | | 1 | | | | |
| | | | //> | | | | | | 0.00 MHz | | |
| Start 150 Res BW | | | #VBW | 30 kHz | | | Sweep 2 | 85.4 ms (| 3001 pts) | | |
| Res BW | 10 kHz | and S4 | #VBW | 30 kHz | | | | | 3001 pts) | | |
| Res BW sg gilent Spectr | 10 kHz rum Analyzer - Sw RF 50 Q | AC AC | | | VSE:INT | | STATUS ALIGN AUTO | 85.4 ms (| 3001 pts) ipled | Frequenc | .v |
| Res BW sg gilent Spectr | 10 kHz rum Analyzer - Sw | AC 00000 GH P | −1z NO: Fast ⊊ | SEM Trig: Free | e Run | | STATUS ALIGNAUTO | 85.4 ms (| 3001 pts) ipled | Frequenc | ÷У |
| Res BW sg gilent Spectr | 10 kHz rum Analyzer - Sw RF 50 Ω Freq 1.16500 | AC 00000 GH P IF | Hz | SEM | e Run | Avg Type | ALIGN AUTO 2: Log-Pwr >50/50 | 85.4 ms (DC Cou 06:58:04 AI TRAC TYF DE | 3001 pts) ipled Mlan 01, 1988 E 1 2 3 4 5 6 MWWWWW F P P P P P | Frequenc | |
| Res BW gilent Spectr RL Center F | 10 kHz rum Analyzer - Sw RF 50 Q | AC 00000 GH P IF | −1z NO: Fast ⊊ | SEM Trig: Free | e Run | Avg Type | ALIGN AUTO 2: Log-Pwr >50/50 | 85.4 ms (DC Cou 06:58:04 A TRAC TYP DT 1 2.019 | 3001 pts) ipled | | |
| Res BW gilent Spectro RL Center F 0 dB/div | 10 kHz rum Analyzer - Sw RF 50 Ω Freq 1.16500 | AC 00000 GH P IF | −1z NO: Fast ⊊ | SEM Trig: Free | e Run | Avg Type | ALIGN AUTO 2: Log-Pwr >50/50 | 85.4 ms (DC Cou 06:58:04 A TRAC TYP DT 1 2.019 | 3001 pts) ipled 13an 01, 1988 E 12 3 4 5 6 E M W F P P P P P 66 GHz | Auto | Tui |
| Res BW gilent Specto RL center F 0 dB/div | 10 kHz rum Analyzer - Sw RF 50 Ω Freq 1.16500 | AC 00000 GH P IF | −1z NO: Fast ⊊ | SEM Trig: Free | e Run | Avg Type | ALIGN AUTO 2: Log-Pwr >50/50 | 85.4 ms (DC Cou 06:58:04 A TRAC TYP DT 1 2.019 | 3001 pts) ipled 13an 01, 1988 E 12 3 4 5 6 E M W F P P P P P 66 GHz | | Tu Fn |
| Res BW scient Spect RL center F 0 dB/div | 10 kHz rum Analyzer - Sw RF 50 Ω Freq 1.16500 | AC 00000 GH P IF | −1z NO: Fast ⊊ | SEM Trig: Free | e Run | Avg Type | ALIGN AUTO 2: Log-Pwr >50/50 | 85.4 ms (DC Cou 06:58:04 A TRAC TYP DT 1 2.019 | 3001 pts) ipled 13an 01, 1988 E 12 3 4 5 6 E M W F P P P P P 66 GHz | Auto T Center | Tu Fn |
| Res BW scient Spect RL center F 0 dB/div | 10 kHz rum Analyzer - Sw RF 50 Ω Freq 1.16500 | AC 00000 GH P IF | −1z NO: Fast ⊊ | SEM Trig: Free | e Run | Avg Type | ALIGN AUTO 2: Log-Pwr >50/50 | 85.4 ms (DC Cou 06:58:04 A TRAC TYP DT 1 2.019 | 3001 pts) ipled 13an 01, 1988 E 12 3 4 5 6 E M W F P P P P P 66 GHz | Auto T Center 1.165000000 Start | Tui Fri G |
| Res BW sc jient Spect RL i enter F 0 dB/div | 10 kHz rum Analyzer - Sw RF 50 Ω Freq 1.16500 | AC 00000 GH P IF | −1z NO: Fast ⊊ | SEM Trig: Free | e Run | Avg Type | ALIGN AUTO 2: Log-Pwr >50/50 | 85.4 ms (DC Cou 06:58:04 A TRAC TYP DT 1 2.019 | 3001 pts) ipled 13001,1988 E [] 2 3 4 5 6 E MINIMARY 66 GHZ 38 dBm | Auto 7 Center 1.165000000 | Tui Fra Gi |
| Res BW sa gilent Spect RL RL C dB/div | 10 kHz rum Analyzer - Sw RF 50 Ω Freq 1.16500 | AC 00000 GH P IF | lz NO: Fast ♀ | SEM Trig: Free | e Run | Avg Type | ALIGN AUTO 2: Log-Pwr >50/50 | 85.4 ms (DC Cou 06:58:04 A TRAC TYP DT 1 2.019 | 3001 pts) ipled 13an 01, 1988 E 12 3 4 5 6 E M W F P P P P P 66 GHz | Auto 1 Center 1.165000000 Start 30.000000 | Fre |
| Res BW sa gilent Spect RL RL C dB/div | 10 kHz rum Analyzer - Sw RF 50 Ω Freq 1.16500 | AC 00000 GH P IF | lz NO: Fast ♀ | SEM Trig: Free | e Run | Avg Type | ALIGN AUTO 2: Log-Pwr >50/50 | 85.4 ms (DC Cou 06:58:04 A TRAC TYP DT 1 2.019 | 3001 pts) ipled 13001,1988 E [] 2 3 4 5 6 E MINIMARY 66 GHZ 38 dBm | Auto 7 Center 1.165000000 Start 30.0000000 Stop | Fre Mi Fre |
| Res BW sg gilent Spectr V RL | 10 kHz rum Analyzer - Sw RF 50 Ω Freq 1.16500 | AC 00000 GH P IF | lz NO: Fast ♀ | SEM Trig: Free | e Run | Avg Type | ALIGN AUTO 2: Log-Pwr >50/50 | 85.4 ms (DC Cou 06:58:04 A TRAC TYP DT 1 2.019 | 3001 pts) ipled 13001,1988 E [] 2 3 4 5 6 E MINIMARY 66 GHZ 38 dBm | Auto 1 Center 1.165000000 Start 30.000000 | Fre Mi Fre |
| Res BW glent Spectro RL Center F 10.0 10.0 10.0 | 10 kHz rum Analyzer - Sw RF 50 Ω Freq 1.16500 | AC 00000 GH P IF | lz NO: Fast ♀ | SEM Trig: Free | e Run | Avg Type | ALIGN AUTO 2: Log-Pwr >50/50 | 85.4 ms (DC Cou 06:58:04 A TRAC TYP DT 1 2.019 | 3001 pts) ipled 13001,1988 E [] 2 3 4 5 6 E MINIMARY 66 GHZ 38 dBm | Auto 1 Center 1.16500000 Start 30.000000 Stop 2.300000000 | Fro Gi Fro Gi Fro Gi Ste |
| Res BW ssi gilent Spect gilent Spect RL Reter F CodB/div 9 10.0 < | 10 kHz | ac P P IF dB dBm | IZ NO: Fast ♀ Gain:Low | Trig: Free #Atten: 40 | e Run | Avg Type | ALIGN AUTO 2: Log-Pwr >50/50 | 85.4 ms (DC Cou 06:58:04 Af TRAA TRAA 12.019 -46.8 | 3001 pts) ipled 41an01, 1988 61 12 3 4 5 6 62 12 3 4 5 6 66 GHz 38 dBm -16 70 dBm | Auto 1 Center 1.165000000 Start 30.000000 Stop 2.300000000 | Fre |
| Res BW ssi gilent Spect gilent Spect RL Reter F CodB/div 9 10.0 < | 10 kHz | ac P P IF dB dBm | lz NO: Fast ♀ | Trig: Free #Atten: 40 | | Avg Type | ALIGN AUTO E: Log-Pwr >50/50 | 85.4 ms (DC Cou 06:58:04 A TRAC TYP DT 1 2.019 | 3001 pts) ipled 41an01, 1988 61 12 3 4 5 6 62 12 3 4 5 6 66 GHz 38 dBm -16 70 dBm | Auto 1 Center 1.16500000 Start 30.000000 Stop 2.300000000 CF 227.000000 | Fre |
| Res BW ss gilent Spectric gilent Spectric RL center F Second Spectric 0.000 9 10.0 9 | 10 kHz | ac D0000 GH P IF dB dBm | Hz NO: Fast Gain:Low | Trig: Free #Atten: 40 | | | ALIGN AUTO E: Log-Pwr >50/50 | 85.4 ms (DC Cou 06:58:04 Af TRAA TRAA 12.019 -46.8 | 3001 pts) ipled 41an01, 1988 61 12 3 4 5 6 62 12 3 4 5 6 66 GHz 38 dBm -16 70 dBm | Auto 1 Center 1.16500000 Start 30.000000 Stop 2.300000000 CF 227.000000 | Fro D GI Fro D GI Ste |
| Res BW ssi gilent Spectr gilent Spectr 0 dB/div 9 10.0 9 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 | 10 kHz | ac D0000 GH P IF dB dBm | Hz NO: Fast Gain:Low | Trig: Free #Atten: 40 | | | ALIGN AUTO E: Log-Pwr >50/50 | 85.4 ms (DC Cou 06:58:04 Af TRAA TRAA 12.019 -46.8 | 3001 pts) ipled 41an01, 1988 61 12 3 4 5 6 62 12 3 4 5 6 66 GHz 38 dBm -16 70 dBm | Auto 1 Center 1.165000000 Start 30.0000000 Stop 2.3000000000 CF 227.0000000 Auto | Fro D GI Fro D GI Ste |
| Res BW ss gilent Spectric gilent Spectric RL center F Second Spectric 0.000 9 10.0 9 | 10 kHz | ac D0000 GH P IF dB dBm | Hz NO: Fast Gain:Low | Trig: Free #Atten: 40 | | | ALIGN AUTO E: Log-Pwr >50/50 | 85.4 ms (DC Cou 06:58:04 Af TRAA TRAA 12.019 -46.8 | 3001 pts) ipled 41an01, 1988 61 12 3 4 5 6 62 12 3 4 5 6 66 GHz 38 dBm -16 70 dBm | Auto 1 Center 1.165000000 Start 30.0000000 Stop 2.3000000000 CF 227.0000000 Auto | Fro D GI Fro D GI Ste |
| Res BW glient Spectr RL RL RL RL RL RL RL R | 10 kHz | ac D0000 GH P IF dB dBm | Hz NO: Fast Gain:Low | Trig: Free #Atten: 40 | | | ALIGN AUTO E: Log-Pwr >50/50 | 85.4 ms (DC Cou 06:58:04 Af 178A 1797 12.019 -46.8 | 3001 pts) ipled 4 an 01, 1988 is 12 2 4 5 6 is 2 4 6 6 | Auto 1 Center 1.165000000 Start 30.0000000 Stop 2.3000000000 CF 227.0000000 Auto | Fro D GI Fro D GI Ste |
| Res BW 33 33 gilent Spectr RL RL RL Center F 30 10.0 30 10 | 10 kHz | ac D0000 GH P IF dB dBm | IZ Gain:Low | Trig: Free #Atten: 40 | | | ALIGN AUTO E: Log-Pwr >50/50 | 85.4 ms (DC Cou Co:58:04 AI TRAC TYP 1 2.019 -46.8 1 -46.8 -46 | 3001 pts) ipled Man 01, 1988 iel 12 2 4 5 6 m M M M M M iel 2 4 5 6 iel 2 4 5 | Auto 1 Center 1.165000000 Start 30.0000000 Stop 2.3000000000 CF 227.0000000 Auto | Fre D GP Fre D MI Fre D GP |

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| | rum Analyzer - S RF 50 | | | CEA | ISE:INT | | | 06:58:16 AM | Alao 01, 1000 | | _ |
|--|---|--|-------------------------------|---------------------------------|---------------------------------|---------------------|--|---|--|--|--|
| | req 2.3500 | 00000 G | Hz | | | Avg Type | e: Log-Pwr | TRAC | E 123456 M | Frequ | lency |
| onton | | | PNO: Fast 😱 IFGain:Low | Trig: Free #Atten: 40 | | Avg Hold: | >200/200 | TYF De | E M WWWWWW T P P P P P P | | |
| | D. C. C. C. L. | | | | | | M | (r1 2.37) | 5 GHz | Αι | ito Tu |
|) dB/div | Ref Offset 1 Ref 20.00 | | | | | | | -48.3 | 31 dBm | | |
| ^{og} | | | | | | | | | | | |
| | | | | | | | | | | | nter Fr |
| 10.0 | | | | | | | | | | 2.35000 | 0000 GI |
| | | | | | | | | | | | |
| 3.00 | | | | | | | | | | 6 | tart Fr |
| | | | | | | | | | | 2.30000 | |
| 0.0 | | | | | | | | | | 2.00000 | 0000 0 |
| | | | | | | | | | -16.70 dBm | | |
| 0.0 | | | | | | | | | | S | top Fr |
| | | | | | | | | | | 2.40000 | 0000 G |
| 0.0 | | | | | | | | | | | |
| | | | | | | | | | | | CF St |
| 10.0 | | | | | | | 1 | | | 10.00 | 0000 M |
| | | | 16 H (L | | | | | | يە يەرلەرلە | <u>Auto</u> | М |
| 0.0 Arranda | herellered by Apple and the | d by her | an with the total | Horphond Muje | rvatvel ^t ingentelse | allined freed and | ALCONTRACTOR ON | polither and an and a second | and the state of | | |
| 0.0 | | | | | | | | | | Fre | q Offs |
| ~ | | | | | | | | | | | 0 |
| '0.0 | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| tart 2 30 | 0000 GHz | | | | | | | Stop 2.40 | 1000 GHz | | |
| | | | //> | | | | | | | | |
| Res BW | 100 GHz | | #VBW | 300 kHz | | | | .600 ms (| | | |
| | | | #VBW | 300 kHz | | | Sweep 9 Status | .600 ms (| | | |
| Res BW | 100 kHz rum Analyzer - S | | #VBW | | | | STATUS | .600 ms (| 1001 pts) | | |
| Res BW sg gilent Specto RL | 100 kHz rum Analyzer - S RF 50 | Ω AC | | | ISE:INT | | STATUS ALIGN AUTO | 06:58:25 AP | 1001 pts) | Frequ | lency |
| Res BW sg gilent Specto RL | 100 kHz rum Analyzer - S | Ω AC 750000 G | Hz PN0: Fast 🖵 | SEN Trig: Free | ISE:INT | | STATUS | .600 ms (| 1001 pts) 13an 01, 1988 | | lency |
| Res BW sg gilent Specto RL | 100 kHz rum Analyzer - S RF 50 | Ω AC 750000 G | GHz | SEN | ISE:INT | Avg Type | ALIGN AUTO 2: Log-Pwr 200/200 | .600 ms (06:58:25 AM TRAC TYF DE | 1001 pts) ^{4]an 01, 1988} Е 1 2 3 4 5 6 Е М ЧИТИНИ Т Р Р Р Р Р Р | | |
| Res BW gilent Specto RL enter F | 100 kHz rum Analyzer - S RF 50 req 2.4917 Ref Offset 1 | Ω AC 750000 G dB | Hz PN0: Fast 🖵 | SEN Trig: Free | ISE:INT | Avg Type | ALIGN AUTO 2: Log-Pwr 200/200 | .600 ms (06:58:25 AP TRAC TYPE .484 022 | 1001 pts) ^{(1)an 01, 1988} ^E <u>1</u> 2 3 4 5 6 ^E M ^E M ^E P P P P P ^E P P P P P ^E 2 5 GHz | | |
| Res BW ig ilent Spectr RL enter F 0 dB/div | 100 kHz rum Analyzer - S RF 50 req 2.4917 | Ω AC 750000 G dB | Hz PN0: Fast 🖵 | SEN Trig: Free | ISE:INT | Avg Type | ALIGN AUTO 2: Log-Pwr 200/200 | .600 ms (06:58:25 AP TRAC TYPE .484 022 | 1001 pts) ^{4]an 01, 1988} Е 1 2 3 4 5 6 Е М ЧИТИНИ Т Р Р Р Р Р Р | | |
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| Res BW gilent Specto RL center F 0 dB/div | 100 kHz rum Analyzer - S RF 50 req 2.4917 Ref Offset 1 | Ω AC 750000 G dB | Hz PN0: Fast 🖵 | SEN Trig: Free | ISE:INT | Avg Type | ALIGN AUTO 2: Log-Pwr 200/200 | .600 ms (06:58:25 AP TRAC TYPE .484 022 | 1001 pts) ^{(1)an 01, 1988} ^E <u>1</u> 2 3 4 5 6 ^E M ^E M ^E P P P P P ^E P P P P P ^E 2 5 GHz | Au Cer | uto Tu nter Fr |
| Res BW gilent Specto RL center F 0 dB/div | 100 kHz rum Analyzer - S RF 50 req 2.4917 Ref Offset 1 | Ω AC 750000 G dB | Hz PN0: Fast 🖵 | SEN Trig: Free | ISE:INT | Avg Type | ALIGN AUTO 2: Log-Pwr 200/200 | .600 ms (06:58:25 AP TRAC TYPE .484 022 | 1001 pts) ^{(1)an 01, 1988} ^E <u>1</u> 2 3 4 5 6 ^E M ^E M ^E P P P P P ^E P P P P P ^E 2 5 GHz | Au | uto Tu nter Fr |
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| Res BW sc ilent Spect RL Center F 0 dB/div 0 dB/div | 100 kHz rum Analyzer - S RF 50 req 2.4917 Ref Offset 1 | Ω AC 750000 G dB | Hz PN0: Fast 🖵 | SEN Trig: Free | ISE:INT | Avg Type | ALIGN AUTO 2: Log-Pwr 200/200 | .600 ms (06:58:25 AP TRAC TYPE .484 022 | 1001 pts) ^{(1)an 01, 1988} ^E <u>1</u> 2 3 4 5 6 ^E M ^E M ^E P P P P P ^E P P P P P ^E 2 5 GHz | Au Cer 2.49175 | uto Tur nter Fra 0000 G |
| Res BW sc ilent Spect RL Center F 0 dB/div 0 dB/div | 100 kHz rum Analyzer - S RF 50 req 2.4917 Ref Offset 1 | Ω AC 750000 G dB | Hz PN0: Fast 🖵 | SEN Trig: Free | ISE:INT | Avg Type | ALIGN AUTO 2: Log-Pwr 200/200 | .600 ms (06:58:25 AP TRAC TYPE .484 022 | 1001 pts) ^{(1)an 01, 1988} ^E <u>1</u> 2 3 4 5 6 ^E M ^E M ^E P P P P P ^E P P P P P ^E 2 5 GHz | Au Cer 2.49175 St | uto Tur nter Fra 0000 G |
| Res BW General Spectre RL OdB/div OdB/div OdB/div OdB/div OdB/div | 100 kHz rum Analyzer - S RF 50 req 2.4917 Ref Offset 1 | Ω AC 750000 G dB | Hz PN0: Fast 🖵 | SEN Trig: Free | ISE:INT | Avg Type | ALIGN AUTO 2: Log-Pwr 200/200 | .600 ms (06:58:25 AP TRAC TYPE .484 022 | 1001 pts) 11001 pts) 11001 1988 11001 1988 1100 100 1000 1000 1000000000000000000 | Au Cer 2.49175 Si 2.48350 | nter Fra 00000 G tart Fra |
| Res BW General Spectre RL OdB/div OdB/div OdB/div OdB/div OdB/div | 100 kHz rum Analyzer - S RF 50 req 2.4917 Ref Offset 1 | Ω AC 750000 G dB | Hz PN0: Fast 🖵 | SEN Trig: Free | ISE:INT | Avg Type | ALIGN AUTO 2: Log-Pwr 200/200 | .600 ms (06:58:25 AP TRAC TYPE .484 022 | 1001 pts) 11001 pts) 11001 1988 11001 1988 1100 100 1000 1000 1000000000000000000 | Au Cer 2.49175 S 2.48350 S | nter Fra 00000 G tart Fra 00000 G |
| Res BW sg gilent Specto RL | 100 kHz rum Analyzer - S RF 50 req 2.4917 Ref Offset 1 | Ω AC 750000 G dB | Hz PN0: Fast 🖵 | SEN Trig: Free | ISE:INT | Avg Type | ALIGN AUTO 2: Log-Pwr 200/200 | .600 ms (06:58:25 AP TRAC TYPE .484 022 | 1001 pts) 11001 pts) 11001 1988 11001 1988 1100 100 1000 1000 1000000000000000000 | Au Cer 2.49175 Si 2.48350 | nter Fra 00000 G tart Fra 00000 G |
| Res BW aa glient Spectr RL C dB/div | 100 kHz rum Analyzer - S RF 50 req 2.4917 Ref Offset 1 | Ω AC 750000 G dB | Hz PN0: Fast 🖵 | SEN Trig: Free | ISE:INT | Avg Type | ALIGN AUTO 2: Log-Pwr 200/200 | .600 ms (06:58:25 AP TRAC TYPE .484 022 | 1001 pts) 11001 pts) 11001 1988 11001 1988 1100 100 1000 1000 1000000000000000000 | Au Cer 2.49175 S 2.48350 S | uto Tur nter Fra 00000 G tart Fra 00000 G |
| Res BW Grant Spectra RL Code/Grant Spectra RL Code/Grant Spectra Code/ | 100 kHz rum Analyzer - S RF 50 req 2.4917 Ref Offset 1 | Ω AC 750000 G dB | Hz PN0: Fast 🖵 | SEN Trig: Free | ISE:INT | Avg Type | ALIGN AUTO 2: Log-Pwr 200/200 | .600 ms (06:58:25 AP TRAC TYPE .484 022 | 1001 pts) 11001 pts) 11001 1988 11001 1988 1100 100 1000 1000 1000000000000000000 | Au Cer 2.49175 2.48350 \$ 2.50000 | ito Tur nter Fro 0000 G tart Fro 0000 G top Fro 0000 G |
| Res BW sci gilent Spectr RL enter F 0 dB/div 0 dB/div 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 100 kHz | 2 AC 50000 G dB dBm | Hz PN0: Fast 🖵 | SEN Trig: Free | ISE:INT | Avg Type | ALIGN AUTO 2: Log-Pwr 200/200 | .600 ms (06:58:25 AP TRAC TYPE .484 022 | 1001 pts) 11001 pts) 11001 1988 11001 1988 1100 100 1000 1000 1000000000000000000 | Au Cer 2.49175 2.48350 \$ 2.50000 1.65 | ato Tur nter Fro 0000 G tart Fro 0000 G top Fro 0000 G |
| Res BW scient Spectromodel RL RL enter F 0 dB/div 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 100 kHz rum Analyzer - S RF 50 req 2.4917 Ref Offset 1 | 2 AC 50000 G dB dBm | GHz PN0: Fast FGain:Low | SEN Trig: Free | ise:int e Run dB | Avg Type AvgHold | ALIGNAUTO 2: Log.Pwr >>200/200 Mkr1 2 | 06:58:25 AM TRAC TYPA 200 .484 02; -45,4 | 130101 pts) 13001 pts) 1300 | Au Cer 2.49175 2.48350 \$ 2.50000 | ato Tur nter Fro 0000 G tart Fro 0000 G top Fro 0000 G |
| Res BW scient Spectromodel RL RL enter F 0 dB/div 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 100 kHz | 2 AC 50000 G dB dBm | GHz PN0: Fast FGain:Low | SEN Trig: Free #Atten: 40 | ise:int e Run dB | Avg Type AvgHold | ALIGNAUTO 2: Log.Pwr >>200/200 Mkr1 2 | .600 ms (06:58:25 AP TRAC TYPE .484 022 | 130101 pts) 13001 pts) 1300 | Au Cer 2.49175 2.48350 S 2.50000 Auto | uto Tun nter Fri 0000 G tart Fri 0000 G CF Ste 0000 M M |
| Res BW scient Spectro RL RL Content F Content F Co | 100 kHz | 2 AC 50000 G dB dBm | GHz PN0: Fast FGain:Low | SEN Trig: Free #Atten: 40 | ise:int e Run dB | Avg Type AvgHold | ALIGNAUTO 2: Log.Pwr >>200/200 Mkr1 2 | 06:58:25 AM TRAC TYPA 200 .484 02; -45,4 | 130101 pts) 13001 pts) 1300 | Au Cer 2.49175 2.48350 S 2.50000 Auto | ito Tu nter Fr 0000 G tart Fr 0000 G CF St M M |
| Res BW sci gilent Spectr RL enter F 0 dB/div 0 dB/div 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 100 kHz | 2 AC 50000 G dB dBm | GHz PN0: Fast FGain:Low | SEN Trig: Free #Atten: 40 | ise:int e Run dB | Avg Type AvgHold | ALIGNAUTO 2: Log.Pwr >>200/200 Mkr1 2 | 06:58:25 AM TRAC TYPA 200 .484 02; -45,4 | 130101 pts) 13001 pts) 1300 | Au Cer 2.49175 2.48350 S 2.50000 Auto | ito Tu nter Fr 0000 G tart Fr 0000 G CF St M M |
| Res BW 3G gilent Spectr gilent Spectr RL RL RL Code/div 9 10.0 9 10.0 9 10.0 9 10.0 9 10.0 9 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 | 100 kHz | 2 AC 50000 G dB dBm | GHz PN0: Fast FGain:Low | SEN Trig: Free #Atten: 40 | ise:int e Run dB | Avg Type AvgHold | ALIGNAUTO 2: Log.Pwr >>200/200 Mkr1 2 | 06:58:25 AM TRAC TYPA 200 .484 02; -45,4 | 130101 pts) 13001 pts) 1300 | Au Cer 2.49175 2.48350 S 2.50000 Auto | ito Tui nter Fri 0000 G tart Fri 0000 G CF Sto M M |
| Res BW agilent Spectr RL RL Center F 200 B/div 9 9 10.0 20. | 100 kHz | 2 AC 50000 G dB dBm | GHz PN0: Fast FGain:Low | SEN Trig: Free #Atten: 40 | ise:int e Run dB | Avg Type AvgHold | ALIGNAUTO 2: Log.Pwr >>200/200 Mkr1 2 | 06:58:25 AM TRAC TYPA 200 .484 02; -45,4 | 130101 pts) 13001 pts) 1300 | Au Cer 2.49175 2.48350 S 2.50000 Auto | ito Tui nter Fri 0000 G tart Fri 0000 G CF Sto M M |
| Res BW 3G gilent Spectr R L enter F 9 9 0 0 0 0 0 0 0 0 0 0 0 0 0 | 100 kHz rum Analyzer - S RF 50 req 2.4917 Ref 0ffset 1 Ref 20.00 | 2 AC 50000 G dB dBm | GHz PN0: Fast FGain:Low | SEN Trig: Free #Atten: 40 | ise:int e Run dB | Avg Type AvgHold | ALIGN AUTO 2: Log.Pwr >200/200 Mkr1 2 | 06:58:25 AP | 1301 pts) 1301 pts) | Au Cer 2.49175 2.48350 S 2.50000 Auto | ito Tui nter Fri 0000 G tart Fri 0000 G CF Sto M M |
| Res BW 36 gilent Spectr RL RL RL RL RL RL RL RL RL RL | 100 kHz | 2 AC 50000 G dB dBm | GHZ PNO: Fast FGain:Low | SEN Trig: Free #Atten: 40 | | Avg Type AvgHold | ALIGN AUTO E: Log-Pwr >200/200 Mkr1 2 | 06:58:25 AM TRAC TYPA 200 .484 02; -45,4 | ۱۹۵۱ pts) ۱۹۵۹ pts) ۱۹۶۹ pts ۱۹۶۹ pts ۱۹۶۹ pts 1988 pts 19 | Au Cer 2.49175 2.48350 S 2.50000 Auto | ito Tui nter Fra 0000 Gi tart Fra 0000 Gi |

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| Agilent Spectr | r <mark>um Analyzer - Sw</mark> RF 50 Q | | | 051 | | | ALIGN AUTO | | | |
|----------------|--|----------|------------------------------|-----------|--|---------------------------|------------|-------------------------------------|-------------------------------------|---|
| | ռ⊧ 50 Ջ req 14.5000 | 000000 G | Hz NO: Fast 🖵 Gain:Low | | | | : Log-Pwr | 06:59:01 AM TRACE TYPE DET | 1 2 3 4 5 6 MWWWW P P P P P P | Frequency |
| 0 dB/div | Ref Offset 1 Ref 20.00 | dB | Jain:Low | Anten. 40 | | | М | kr1 26.47 | | Auto Tun |
| og | | | | | | | | | | Center Fre 14.500000000 GH |
| 0.0 | | | | | | | | | -16.70 dBm | Start Fre 2.500000000 G⊦ |
| 10.0 | | | | | | | | | 1 | Stop Fre 26.500000000 G⊦ |
| 40.0 | | | | | an a | ul Magaalahaasing Karg | | | | CF Ste 2.400000000 GH <u>Auto</u> Ma |
| | | | | | | | | | | Freq Offso 0 ⊦ |
| itart 2.50 | GHz 100 kHz | | #VBW | 300 kHz | | | Sweep | Stop 26 2.294 s (8 | .50 GHz 001 pts) | |
| SG | | | # 1 BN | 000 1012 | | | STATUS | <u>`</u> | oor proy | |

Remark:

Scan from 9kHz to 25GHz, the disturbance between 9KHz to 30MHz was very low, and the above harmonics were the highest point could be found when testing, The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported.



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| Test Requirement: | 47 CFR Part 15C Section 15.209 and 15.205 | | | | | | | | | |
|-------------------|--|---------------------|---------------------|----------------|--------------|--|--|--|--|--|
| Test Method: | ANSI C63.10 :2013 Section 11.12 | | | | | | | | | |
| Test Site: | Measurement Distance: 3m or 10m (Semi-Anechoic Chamber) | | | | | | | | | |
| | Frequency | Detector | RBW | VBW | Remark | | | | | |
| | 0.009MHz-0.090MHz | Peak | 10kHz | 30kHz | Peak | | | | | |
| | 0.009MHz-0.090MHz | Average | 10kHz | 30kHz | Average | | | | | |
| | 0.090MHz-0.110MHz | Quasi-peak | 10kHz | 30kHz | Quasi-peak | | | | | |
| Dessiver Catury | 0.110MHz-0.490MHz | Peak | 10kHz | 30kHz | Peak | | | | | |
| Receiver Setup: | 0.110MHz-0.490MHz | Average | 10kHz | 30kHz | Average | | | | | |
| | 0.490MHz -30MHz | Quasi-peak | 10kHz | 30kHz | Quasi-peak | | | | | |
| | 30MHz-1GHz | Quasi-peak | 100 kHz | 300kHz | Quasi-peak | | | | | |
| | | Peak | 1MHz | 3MHz | Peak | | | | | |
| | Above 1GHz | Peak | 1MHz | 10Hz | Average | | | | | |
| | Frequency | Field strength | Limit (dBu)//m) | Domork | Measurement | | | | | |
| | Frequency | (microvolt/meter) | Limit (dBuV/m) | Remark | distance (m) | | | | | |
| | 0.009MHz-0.490MHz | 2400/F(kHz) | - | - | 300 | | | | | |
| | 0.490MHz-1.705MHz | 24000/F(kHz) | - | - | 30 | | | | | |
| | 1.705MHz-30MHz | 30 | - | - | 30 | | | | | |
| | 30MHz-88MHz | 100 | 40.0 | Quasi-peak | 3 | | | | | |
| Limit: | 88MHz-216MHz | 150 | 43.5 | Quasi-peak | 3 | | | | | |
| | 216MHz-960MHz | 200 | 46.0 | Quasi-peak | 3 | | | | | |
| | 960MHz-1GHz | 500 | 54.0 | Quasi-peak | 3 | | | | | |
| | Above 1GHz | 500 | 54.0 | Average | 3 | | | | | |
| | Remark: 15.35(b), Unl | ess otherwise speci | ified, the limit on | peak radio fre | quency | | | | | |
| | emissions is 20dB abo | ve the maximum pe | ermitted average | emission limit | | | | | | |
| | applicable to the equipment under test. This peak limit applies to the total peak emission level radiated by the device. | | | | | | | | | |

4.9 Radiated Spurious Emissions





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