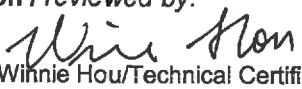


| | | | | | | | | |
|--|--|--------------------------------------|--------------------------------------|---|-----------------------------------|----------------------------|---|--|
| Prüfbericht-Nr.: <i>Test Report No.:</i> | 50050527 002 | Auftrags-Nr.: <i>Order No.:</i> | 164067041 | Seite 1 von 180 <i>Page 1 of 180</i> | | | | |
| Kunden-Referenz-Nr.: <i>Client Reference No.:</i> | N/A | Auftragsdatum: <i>Order date:</i> | 23.06.2016 | | | | | |
| Auftraggeber: <i>Client:</i> | GIEC TECHNOLOGY (HONG KONG) CO., LTD. Unit 7, 22/F., Billion Trade Centre, 31 Hung To Road, Kwun Tong, Hongkong | | | | | | | |
| Prüfgegenstand: <i>Test item:</i> | 11.6" windows tablet | | | | | | | |
| Bezeichnung / Typ-Nr.: <i>Identification / Type No.:</i> | NS-P11W7100, NS-P11W7100-C, NS-P11xxxxxxxx (x=0-9, A-Z, a-z, -or blank, for market purpose only) | | | | | | | |
| Auftrags-Inhalt: <i>Order content:</i> | FCC/IC Certification | | | | | | | |
| Prüfgrundlage: <i>Test specification:</i> | CFR47 FCC Part 15: Subpart C Section 15.247 CFR47 FCC Part 15: Subpart C Section 15.207 CFR47 FCC Part 15: Subpart C Section 15.209 RSS-247 Issue 1 May 2015 RSS-Gen Issue 4 November 2014 | | | | | | | |
| Wareneingangsdatum: <i>Date of receipt:</i> | 29.06.2016 | | | | | | | |
| Prüfmuster-Nr.: <i>Test sample No.:</i> | A000381248-005, A000381248-006, A000381248-007, A000381248-008, A000381248-009 | | | | | | | |
| Prüfzeitraum: <i>Testing period:</i> | 30.06.2016 - 08.07.2016 | | | | | | | |
| Ort der Prüfung: <i>Place of testing:</i> | Audix Technology (Shenzhen) Co., Ltd. | | | | | | | |
| Prüflaboratorium: <i>Testing laboratory:</i> | TÜV Rheinland (Shenzhen) Co., Ltd. | | | | | | | |
| Prüfergebnis*: <i>Test result:</i> | Pass | | | | | | | |
| geprüft von / tested by:  | kontrolliert von / reviewed by:  | | | | | | | |
| 03.08.2016 | Owen Tian/Senior Project Manager | | 03.08.2016 | Winnie Hou/Technical Certifier | | | | |
| Datum Date | Name / Stellung Name / Position | Unterschrift Signature | Datum Date | Name / Stellung Name / Position | Unterschrift Signature | | | |
| Sonstiges / Other: | FCC ID: 2AIB2-P11W7100 IC: 21456-P11W7100 | | | | | | | |
| Zustand des Prüfgegenstandes bei Anlieferung: <i>Condition of the test item at delivery:</i> | Prüfmuster vollständig und unbeschädigt <i>Test item complete and undamaged</i> | | | | | | | |
| * Legende: Legend: P(pass) = entspricht o.g. Prüfgrundlage(n) P(ass) = passed a.m. test specification(s) | 1 = sehr gut 1 = very good | 2 = gut 2 = good | 3 = befriedigend 3 = satisfactory | F(all) = entspricht nicht o.g. Prüfgrundlage(n) F(all) = failed a.m. test specification(s) | 4 = ausreichend 4 = sufficient | 5 = mangelhaft 5 = poor | N/A = nicht anwendbar N/A = not applicable | N/T = nicht getestet N/T = not tested |
| <p>Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens. <i>This test report only relates to the a. m. test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any test mark.</i></p> | | | | | | | | |

TEST SUMMARY

5.1.1 ANTENNA REQUIREMENT

RESULT: Pass

5.1.2 PEAK OUTPUT POWER

RESULT: Pass

5.1.3 6dB BANDWIDTH AND 99% BANDWIDTH

RESULT: Pass

5.1.4 CONDUCTED SPURIOUS EMISSIONS MEASURED IN 100KHz BANDWIDTH

RESULT: Pass

5.1.5 POWER SPECTRAL DENSITY

RESULT: Pass

5.1.6 SPURIOUS EMISSION

RESULT: Pass

5.1.7 CONDUCTED EMISSIONS

RESULT: Pass

CONTENTS

| | |
|--|------------|
| 1. GENERAL REMARKS | 4 |
| 1.1 COMPLEMENTARY MATERIALS | 4 |
| 2. TEST SITES | 4 |
| 2.1 TEST FACILITIES | 4 |
| 2.2 LIST OF TEST AND MEASUREMENT INSTRUMENTS..... | 5 |
| 2.3 TRACEABILITY | 7 |
| 2.4 CALIBRATION | 7 |
| 2.5 MEASUREMENT UNCERTAINTY..... | 7 |
| 2.6 LOCATION OF ORIGINAL DATA..... | 7 |
| 2.7 STATUS OF FACILITY USED FOR TESTING | 8 |
| 3. GENERAL PRODUCT INFORMATION | 9 |
| 3.1 PRODUCT FUNCTION AND INTENDED USE..... | 9 |
| 3.2 RATINGS AND SYSTEM DETAILS | 9 |
| 3.3 INDEPENDENT OPERATION MODES | 10 |
| 3.4 NOISE GENERATING AND NOISE SUPPRESSING PARTS | 10 |
| 3.5 SUBMITTED DOCUMENTS | 10 |
| 4. TEST SET-UP AND OPERATION MODES | 11 |
| 4.1 PRINCIPLE OF CONFIGURATION SELECTION..... | 11 |
| 4.2 TEST OPERATION AND TEST SOFTWARE | 11 |
| 4.3 SPECIAL ACCESSORIES AND AUXILIARY EQUIPMENT | 11 |
| 4.4 COUNTERMEASURES TO ACHIEVE ERM COMPLIANCE | 11 |
| 4.5 TEST SETUP DIAGRAM | 12 |
| 5. TEST RESULTS | 14 |
| 5.1 TRANSMITTER REQUIREMENT & TEST SUITES | 14 |
| 5.1.1 Antenna Requirement | 14 |
| 5.1.2 Peak Output Power | 15 |
| 5.1.3 6dB Bandwidth and 99% Bandwidth | 17 |
| 5.1.4 Conducted Spurious Emissions measured in 100kHz Bandwidth | 19 |
| 5.1.5 Power spectral density | 68 |
| 5.1.6 Spurious Emission | 69 |
| 5.1.7 Conducted emissions | 176 |
| 6. PHOTOGRAPHS OF THE TEST SET-UP | 179 |
| 7. LIST OF TABLES | 181 |
| 8. LIST OF PHOTOGRAPHS | 181 |

Prüfbericht - Nr.: 50050527 002
Test Report No.

Seite 4 von 181
Page 4 of 181

1. General Remarks

1.1 Complementary Materials

None.

2. Test Sites

2.1 Test Facilities

Audix Technology (Shenzhen) Co., Ltd.

FCC Registration No.: R-3552)
(Test site Industry Canada No.: 5183A-1)

No.6, Ke Feng Road, Block 52, Shenzhen Science & Industry Park,
Nanshan, Shenzhen, Guangdong, China (518057)

The tests at the test site have been conducted under the supervision of a TÜV engineer.

Prüfbericht - Nr.: 50050527 002
Test Report No.

Seite 5 von 181
Page 5 of 181

2.2 List of Test and Measurement Instruments

Table 1: List of Test and Measurement Equipment

| Kind of Equipment | Manufacturer | Type | S/N | Calibrated until |
|--|-------------------------|-----------------|-----------------|------------------|
| Transmitter spurious emissions (below 1GHz) | | | | |
| 3#Chamber | AUDIX | N/A | N/A | Mar. 28, 17 |
| EMI Spectrum | Agilent | E4407B | MY41440292 | Apr. 24, 17 |
| Test Receiver | Rohde & Schwarz | ESVS10 | 834468/011 | Apr. 24, 17 |
| Amplifier | HP | 8447D | 2648A04738 | Apr. 24, 17 |
| Bi-log Antenna | TESEQ | CBL6111C | 2598 | Jun. 03, 17 |
| RF Cable | MIYAZAKI | CFD400-NW(3.5M) | No.3 | Apr. 24, 17 |
| RF Cable | MIYAZAKI | CFD400-LW(22M) | No.7 | Apr. 24, 17 |
| Coaxial Switch | Anritsu | MP59B | 6201397222 | Apr. 23, 17 |
| Test Software | AUDIX | e3 | 6.2009-5-21a(n) | N/A |
| Transmitter spurious emissions (above 1GHz) | | | | |
| 3#Chamber | AUDIX | N/A | N/A | Mar. 28, 17 |
| Spectrum Analyzer | Agilent | E4446A | US44300459 | Apr. 24, 17 |
| Horn Antenna | ETS | 3115 | 9510-4877 | Oct. 15, 16 |
| Amplifier | Agilent | 8449B | 3008A02495 | Apr. 24, 17 |
| RF Cable | Hubersuhner | SUCOFLEX104 | 274094/4 | Apr. 24, 17 |
| Horn Antenna | ETS | 3116 | 00060089 | Oct. 15, 16 |
| Test Software | AUDIX | e3 | 6.2009-5-21a(n) | N/A |
| Conducted spurious emissions, 6dB & 99% Bandwidth, Power spectral density | | | | |
| Spectrum | Agilent | N9030A | MY51380221 | Oct. 17, 16 |
| Attenuator (20dB) | Agilent | 8491B | MY39262165 | Apr. 23, 17 |
| RF Cable | Marvelous Microwave Inc | SFL402105FLEX | NO.1 | Oct. 17, 16 |
| Maximum peak output power | | | | |
| Spectrum | Agilent | E4446A | US44300459 | Apr. 24, 17 |
| Spectrum | Agilent | N9030A | MY51380221 | Oct. 18, 16 |
| Power meter | Anritsu | ML2487A | 6K00002472 | Aug. 21, 16 |
| Power sensor | Anritsu | MA2491A | 0033005 | Aug. 21, 16 |
| Attenuator (20dB) | Agilent | 8491B | MY39262165 | Apr. 23, 17 |
| RF Cable | Marvelous Microwave Inc | SFL402105FLEX | NO.1 | Oct. 17, 16 |
| Band edge | | | | |
| Spectrum | Agilent | E4446A | US44300459 | Apr. 24, 17 |
| Amp | HP | 8449B | 3008A02495 | Apr. 24, 17 |
| Horn Antenna | ETS | 3115 | 9510-4877 | Oct. 15, 16 |
| HF Cable | Hubersuhner | Sucoflex104 | 274094/4 | Apr. 24, 17 |
| Conducted Emission | | | | |
| 1# Shielding Room | AUDIX | N/A | N/A | Apr. 17, 17 |
| Test Receiver | Rohde & Schwarz | ESCI | 100842 | Apr. 24, 17 |
| L.I.S.N.#1 | Rohde & Schwarz | ESH2-Z5 | 100429 | Oct. 18, 16 |

Produkte

Products

Prüfbericht - Nr.: 50050527 002
Test Report No.Seite 6 von 181
Page 6 of 181

| Kind of Equipment | Manufacturer | Type | S/N | Calibrated until |
|-------------------|--------------|-----------|------------|------------------|
| L.I.S.N.#2 | Kyoritsu | K NW-403D | 8-1750-2 | Apr. 24, 17 |
| Terminator | Hubersuhner | 50Ω | No.1 | May. 05, 17 |
| Terminator | Hubersuhner | 50Ω | No.2 | May. 05, 17 |
| RF Cable | MIYAZAKI | 3D-2W | No.1 | Apr. 24, 17 |
| Coaxial Switch | Anritsu | MP59B | 6200766906 | Apr. 23, 17 |
| Test Software | AUDIX | e3 | 6.100913a | N/A |

2.3 Traceability

All measurement equipment calibrations are traceable to NIST or where calibration is performed outside the United States, to equivalent nationally recognized standards organizations.

2.4 Calibration

Equipment requiring calibration is calibrated periodically by the manufacturer or according to manufacturer's specifications. Additionally all equipment is verified for proper performance on a regular basis using in house standards or comparisons.

2.5 Measurement Uncertainty

Table 2: Measurement Uncertainty

| Parameter | Uncertainty |
|--------------------------------|-------------------------|
| Radio Frequency | $\pm 1 \times 10^{-5}$ |
| Maximum Peak Output Power Test | $\pm 1.0\text{dB}$ |
| Conducted Emissions Test | $\pm 2.0\text{dB}$ |
| Radiated Emission Test | $\pm 2.0\text{dB}$ |
| Power Density | $\pm 2.0\text{dB}$ |
| Occupied Bandwidth Test | $\pm 1.0\text{dB}$ |
| Band Edge Test | $\pm 3\text{dB}$ |
| All emission, radiated | $\pm 3\text{dB}$ |
| Antenna Port Emission | $\pm 3\text{dB}$ |
| Temperature | $\pm 0.5^\circ\text{C}$ |
| Humidity | $\pm 3\%$ |

2.6 Location of Original Data

The original copies of all test data taken during actual testing were retained in the TÜV Rheinland (Shenzhen) file for certification follow-up purposes.

Prüfbericht - Nr.: 50050527 002
Test Report No.

Seite 8 von 181
Page 8 of 181

2.7 Status of Facility Used for Testing

Audix Technology (Shenzhen) Co., Ltd. test facility located at No.6, Ke Feng Road, Block 52, Shenzhen Science & Industry Park, Nanshan, Shenzhen, Guangdong, China (518057) is listed on the US Federal Communications Commission list of facilities approved to perform measurements.

3. General Product Information

3.1 Product Function and Intended Use

The EUTs are 11.6" windows tablet with Wi-Fi, Bluetooth function.

These models are identical except the model name.

The EUTs have two antennas, two antennas cannot transmitter simultaneously.

For details refer to the User Manual and Circuit Diagram.

3.2 Ratings and System Details

Table 3: Technical Specification of EUT

| Technical Specification | Value |
|---------------------------|--|
| Kind of Equipment | 11.6" windows tablet |
| Type Designation | NS-P11W7100, NS-P11W7100-C, NS-P11xxxxxxxx (x=0-9, A-Z, a-z, -or blank, for market purpose only) |
| FCC ID | 2AIB2-P11W7100 |
| IC | 21456-P11W7100 |
| Operating Frequency band | 2412 – 2462MHz |
| Extreme Temperature Range | 0~+40°C |
| Operation Voltage | DC 3.7V (via built in battery) DC 5V (via AC/DC adapter) |
| Antenna Gain | 1.6dBi |

Table 4: Technical Specification of Wi-Fi

| Item | Description | | | |
|--|--------------------------|------------------------------|-----------------------------------|-----------------------------------|
| | IEEE 802.11b | IEEE 802.11g | IEEE 802.11n (HT20) | IEEE 802.11n (HT40) |
| Operating Frequency band (MHz) | 2412 ~ 2472 | 2412 ~ 2472 | 2412 ~ 2472 | 2422 ~ 2452 |
| Channel Number | 13 | 13 | 13 | 9 |
| Modulation | DSSS (DBPSK, DQPSK), CCK | OFDM (DBPSK, DQPSK) | OFDM (BPSK, QPSK, 16-QAM, 64-QAM) | OFDM (BPSK, QPSK, 16-QAM, 64-QAM) |
| Data Rate (Mbps) | 1, 2, 5, 11 | 6, 9, 12, 18, 24, 36, 48, 54 | MCS0 ~ MCS7 | MCS0 ~ MCS7 |
| Transmitter Output Power (Typical) (dBm) | 16 | 15.5 | 15.5 | 15 |
| Media Access Protocol | CSMA/CA with ACK | CSMA/CA with ACK | CSMA/CA with ACK | CSMA/CA with ACK |

Prüfbericht - Nr.: **50050527 002**
Test Report No.

Seite 10 von 181
Page 10 of 181

Table 5: Carrier Frequency

| Frequency Band | Channel No. | Frequency | Channel No. | Frequency |
|-------------------|-------------|-----------|-------------|-----------|
| 2400 – 2483.5 MHz | 1 | 2412 MHz | 8 | 2447 MHz |
| | 2 | 2417 MHz | 9 | 2452 MHz |
| | 3 | 2422 MHz | 10 | 2457 MHz |
| | 4 | 2427 MHz | 11 | 2462 MHz |
| | 5 | 2432 MHz | | |
| | 6 | 2437 MHz | | |
| | 7 | 2442 MHz | | |

3.3 Independent Operation Modes

The basic operation modes are:

- A. On, Wi-Fi mode (2.4GHz)
 - 1. Transmitting
 - a. Low Channel
 - b. Middle Channel
 - c. High Channel
 - 2. Receiving
- B. Standby
- C. Off

3.4 Noise Generating and Noise Suppressing Parts

Refer to the Circuit Diagram.

3.5 Submitted Documents

- Bill of Material
- Constructional Drawing
- PCB Layout
- Photo Document
- Circuit Diagram
- Instruction Manual
- Rating Label

4. Test Set-up and Operation Modes

4.1 Principle of Configuration Selection

The equipment under test (EUT) was configured to measure its maximum power level. The test modes were adapted accordingly in reference to the instructions for use.

4.2 Test Operation and Test Software

Test operation refers to test setup in chapter 5. All testing were performed according to the procedures in ANSI C63.10: 2013.
According to clause 3.1, all tests were applied on model NS-P11W7100 only.

4.3 Special Accessories and Auxiliary Equipment

The EUT was tested together with the following accessories:

| Description | Manufacturer | Part No. | Rating |
|---------------|--|--------------|--|
| AC/DC Adapter | Shenzhen Sunun Power Technology CO., LTD | SA49-050300U | Input: AC 100-240V, 50/60Hz, 0.4A Output: DC 5V, 3A |

The EUT was tested with following cables:

| Interface(s)/Port(s): | Max. cable length, shielding | Cable classification |
|-----------------------|--------------------------------|----------------------|
| AC Mains of adapter | 2 cores, non-shielded port, 3m | AC Power Input |
| Micro USB port | 4 cores, non-shielded port, 3m | DC Power Input |

4.4 Countermeasures to Achieve ERM Compliance

The test sample which has been tested contained the noise suppression parts as described in the Technical Construction File (TCF). No additional measures were employed to achieve compliance.

4.5 Test Setup Diagram

Diagram of Measurement Configuration for Radiation Test of below 1GHz

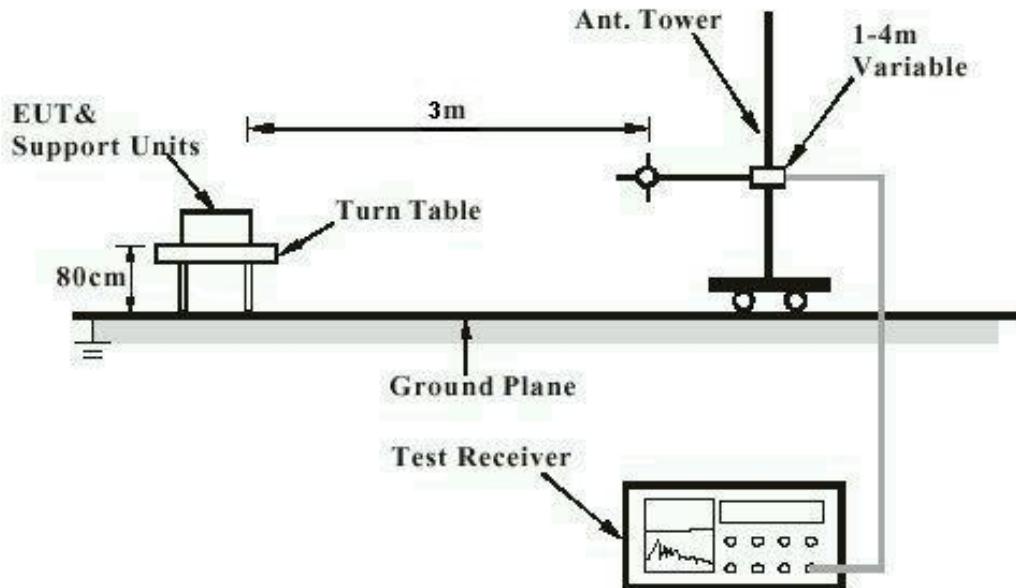


Diagram of Measurement Configuration for Radiation Test of above 1GHz

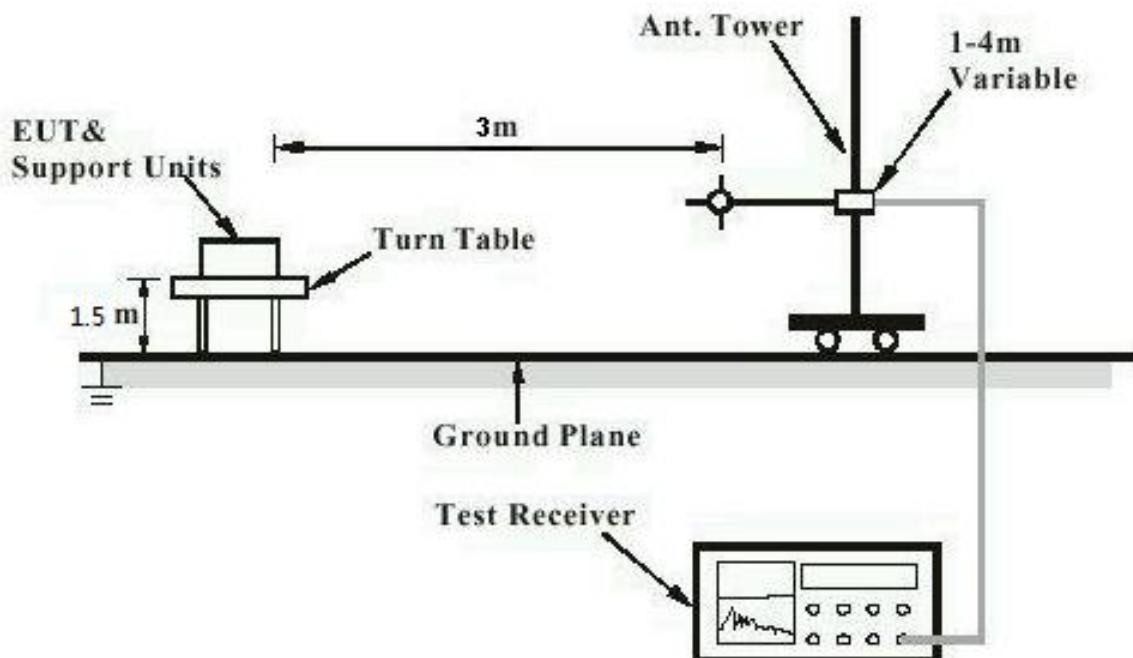


Diagram of Measurement Equipment Configuration for Conduction Measurement

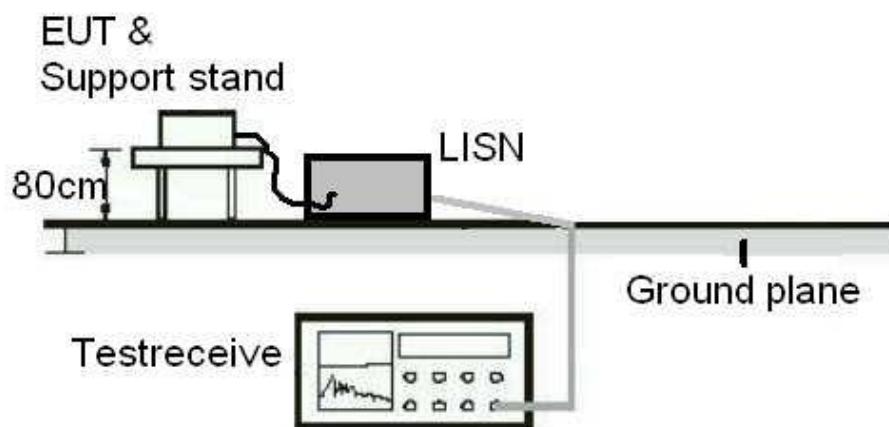
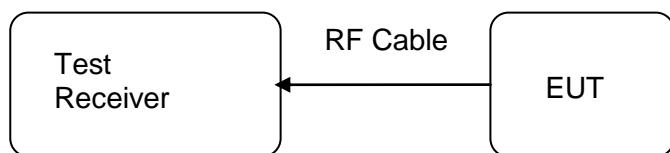


Diagram of Measurement Equipment Configuration for Transmitter Measurement



5. Test Results

5.1 Transmitter Requirement & Test Suites

5.1.1 Antenna Requirement

| RESULT: | Pass |
|---------------|--|
| Test standard | : Part 15.203 |
| Limit | RSS-Gen Clause 8.3 The use of antennas with directional gains that do not exceed 6dBi |

According to the manufacturer declared, the EUT has an internal antenna, the directional gain of antenna is 1.6dBi, and the antenna connector is designed with permanent attachment and no consideration of replacement. Therefore the EUT is considered sufficient to comply with the provision.

Prüfbericht - Nr.: **50050527 002**
Test Report No.

Seite 15 von 181
Page 15 of 181

5.1.2 Peak Output Power

RESULT:

Pass

| | | |
|-------------------|---|--|
| Test date | : | 2016-07-01 |
| Test standard | : | FCC Part 15.247(b)(3) RSS-247 clause 5.4(4) |
| Basic standard | : | ANSI C63.10: 2013 Clause 9.1 of KDB 558074 v03r03 |
| Limit | : | 1W |
| Kind of test site | : | Shielded room |

Test setup

| | | |
|----------------------|---|-------------------|
| Test Channel | : | Low/ Middle/ High |
| Operation Mode | : | A.1 |
| Ambient temperature | : | 20.4°C |
| Relative humidity | : | 50.3% |
| Atmospheric pressure | : | 101.3kPa |

Table 6: Test result of Peak Output Power of 802.11b

| Channel | Channel Frequency (MHz) | Peak Output Power | | Limit (dBm) | |
|----------------|----------------------------|-------------------|-------|----------------|--|
| | | (dBm) | | | |
| | | ANT 1 | ANT 2 | | |
| Low Channel | 2412 | 14.71 | 14.75 | 30 | |
| Middle Channel | 2437 | 15.43 | 14.74 | 30 | |
| High Channel | 2462 | 15.61 | 15.11 | 30 | |

Table 7: Test result of Peak Output Power of 802.11g

| Channel | Channel Frequency (MHz) | Peak Output Power | | Limit (dBm) | |
|----------------|----------------------------|-------------------|-------|----------------|--|
| | | (dBm) | | | |
| | | ANT 1 | ANT 2 | | |
| Low Channel | 2412 | 12.76 | 13.07 | 30 | |
| Middle Channel | 2437 | 15.18 | 14.92 | 30 | |
| High Channel | 2462 | 11.60 | 11.70 | 30 | |

Table 8: Test result of Peak Output Power of 802.11n (HT20)

| Channel | Channel Frequency (MHz) | Peak Output Power | | Limit (dBm) | |
|----------------|----------------------------|-------------------|-------|----------------|--|
| | | (dBm) | | | |
| | | ANT 1 | ANT 2 | | |
| Low Channel | 2412 | 12.47 | 12.81 | 30 | |
| Middle Channel | 2437 | 15.40 | 14.17 | 30 | |
| High Channel | 2462 | 11.96 | 10.99 | 30 | |

Prüfbericht - Nr.: 50050527 002
*Test Report No.*Seite 16 von 181
Page 16 of 181**Table 9: Test result of Peak Output Power of 802.11n (HT40)**

| Channel | Channel Frequency (MHz) | Peak Output Power | | Limit (dBm) | |
|----------------|----------------------------|-------------------|-------|----------------|--|
| | | (dBm) | | | |
| | | ANT 1 | ANT 2 | | |
| Low Channel | 2422 | 12.07 | 12.06 | 30 | |
| Middle Channel | 2437 | 14.92 | 14.66 | 30 | |
| High Channel | 2452 | 11.31 | 10.20 | 30 | |

Prüfbericht - Nr.: 50050527 002
Test Report No.

Seite 17 von 181
Page 17 of 181

5.1.3 6dB Bandwidth and 99% Bandwidth

RESULT:

Pass

| | | |
|-------------------|---|--|
| Date of testing | : | 2016-07-01 |
| Test standard | : | FCC Part 15.247(a)(2) RSS-247 clause 5.2(1) RSS-Gen clause 6.6 |
| Basic standard | : | ANSI C63.10: 2013 Clause 8 of KDB 558074 v03r03 |
| Kind of test site | : | Shielded room |

Test setup

| | | |
|----------------------|---|-------------------|
| Test Channel | : | Low/ Middle/ High |
| Operation Mode | : | A.1 |
| Ambient temperature | : | 20.4°C |
| Relative humidity | : | 50.3% |
| Atmospheric pressure | : | 101.3kPa |

Table 10: Test result of 6dB Bandwidth & 99% Bandwidth of 802.11b

| Channel | Channel Frequency (MHz) | 6dB Bandwidth (MHz) | | Limit (MHz) | 99% Bandwidth (MHz) | |
|--------------|-------------------------|---------------------|-------|-------------|---------------------|--------|
| | | ANT 1 | ANT 2 | | ANT 1 | ANT 2 |
| Low Channel | 2412 | 10.08 | 10.08 | ≥0.5 | 12.680 | 12.621 |
| Mid Channel | 2437 | 10.09 | 10.09 | ≥0.5 | 12.633 | 12.669 |
| High Channel | 2462 | 10.08 | 10.05 | ≥0.5 | 12.681 | 12.630 |

Table 11: Test result of 6dB Bandwidth & 99% Bandwidth of 802.11g

| Channel | Channel Frequency (MHz) | 6dB Bandwidth (MHz) | | Limit (MHz) | 99% Bandwidth (MHz) | |
|--------------|-------------------------|---------------------|-------|-------------|---------------------|--------|
| | | ANT 1 | ANT 2 | | ANT 1 | ANT 2 |
| Low Channel | 2412 | 15.16 | 15.15 | ≥0.5 | 16.460 | 16.408 |
| Mid Channel | 2437 | 15.16 | 15.15 | ≥0.5 | 16.396 | 16.407 |
| High Channel | 2462 | 15.15 | 15.15 | ≥0.5 | 16.431 | 16.397 |

Prüfbericht - Nr.: 50050527 002
Test Report No.

Seite 18 von 181
Page 18 of 181

Table 12: Test result of 6dB Bandwidth & 99% Bandwidth of 802.11n (HT20)

| Channel | Channel Frequency (MHz) | 6dB Bandwidth (MHz) | | Limit (MHz) | 99% Bandwidth (MHz) | |
|--------------|-------------------------|---------------------|-------|-------------|---------------------|--------|
| | | ANT 1 | ANT 2 | | ANT 1 | ANT 2 |
| Low Channel | 2412 | 15.15 | 15.34 | ≥0.5 | 17.601 | 17.610 |
| Mid Channel | 2437 | 15.16 | 15.15 | ≥0.5 | 17.591 | 17.594 |
| High Channel | 2462 | 15.15 | 15.15 | ≥0.5 | 17.601 | 17.590 |

Table 13: Test result of 6dB Bandwidth & 99% Bandwidth of 802.11n (HT40)

| Channel | Channel Frequency (MHz) | 6dB Bandwidth (MHz) | | Limit (MHz) | 99% Bandwidth (MHz) | |
|--------------|-------------------------|---------------------|-------|-------------|---------------------|--------|
| | | ANT 1 | ANT 2 | | ANT 1 | ANT 2 |
| Low Channel | 2422 | 35.17 | 35.17 | ≥0.5 | 35.927 | 35.902 |
| Mid Channel | 2437 | 35.17 | 35.17 | ≥0.5 | 35.936 | 35.910 |
| High Channel | 2452 | 35.17 | 35.17 | ≥0.5 | 35.933 | 35.905 |

Prüfbericht - Nr.: 50050527 002
Test Report No.

Seite 19 von 181
Page 19 of 181

5.1.4 Conducted Spurious Emissions measured in 100kHz Bandwidth

RESULT:

Pass

| | | |
|-------------------|---|--|
| Date of testing | : | 2016-06-30 |
| Test standard | : | FCC part 15.247(d) RSS-247 clause 5.5 |
| Basic standard | : | ANSI C63.10: 2013 |
| Limit | : | 20dB (below that in the 100kHz bandwidth within the band that contains the highest level of the desired power) |
| Kind of test site | : | Shield room |

Test setup

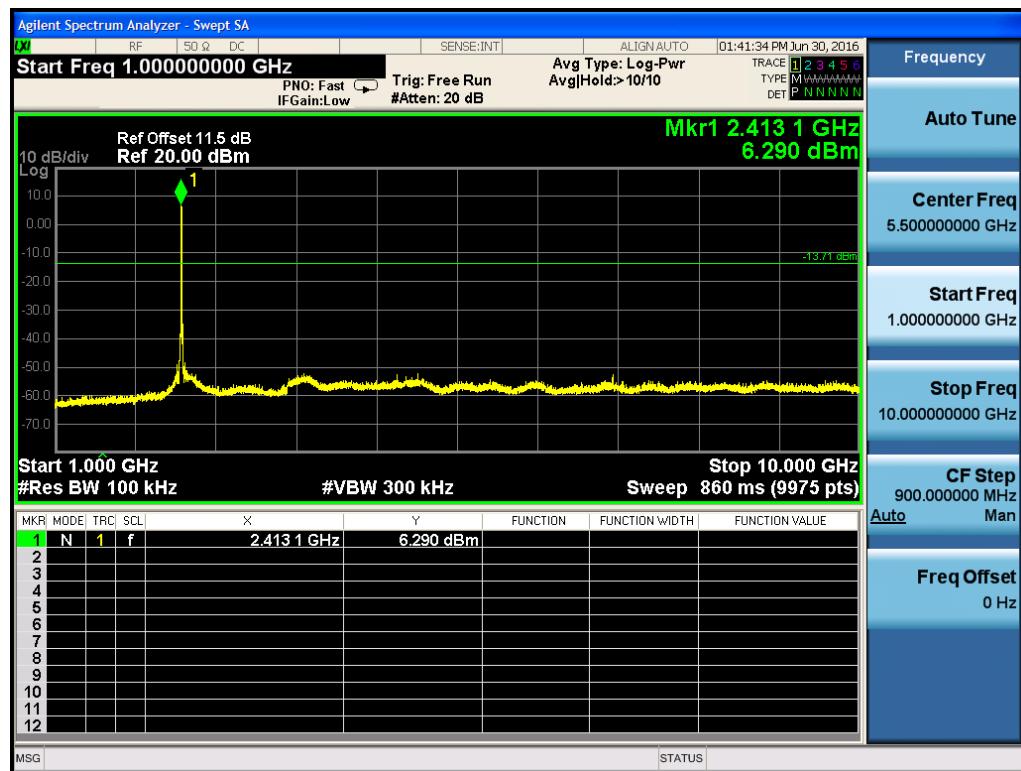
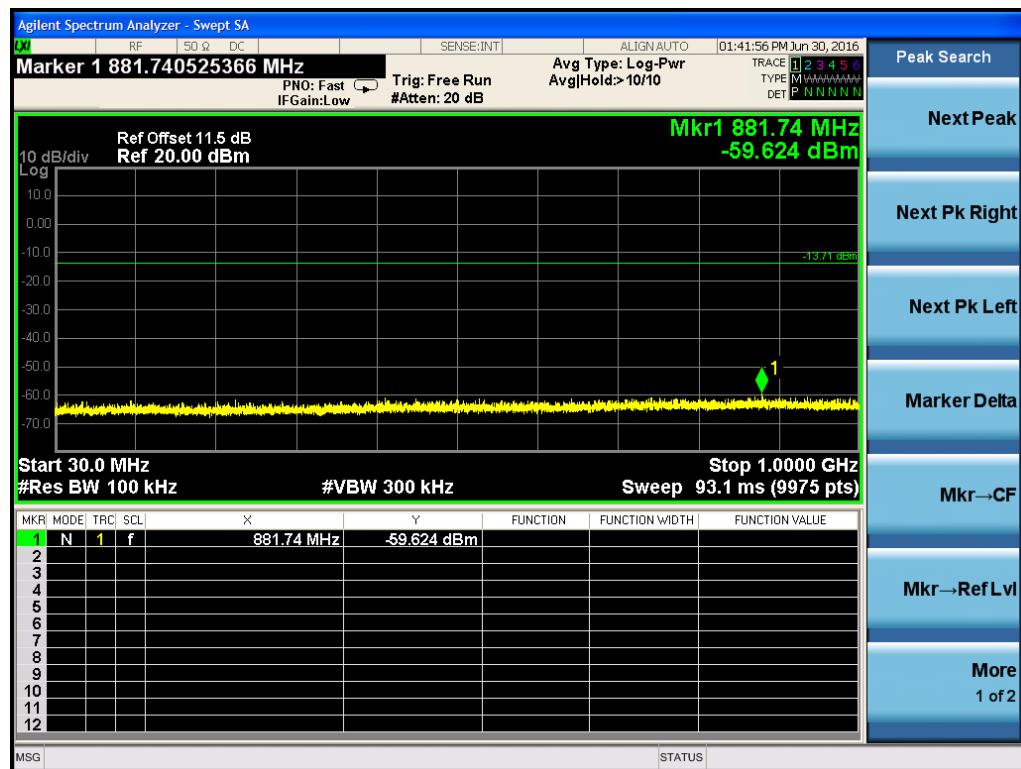
| | | |
|----------------------|---|-------------------|
| Test Channel | : | Low/ Middle/ High |
| Operation mode | : | A.1 |
| Ambient temperature | : | 20.4°C |
| Relative humidity | : | 50.3% |
| Atmospheric pressure | : | 101.3kPa |

For details refer to following test plot.

Prüfbericht - Nr.: 50050527 002
Test Report No.

Seite 20 von 181
Page 20 of 181

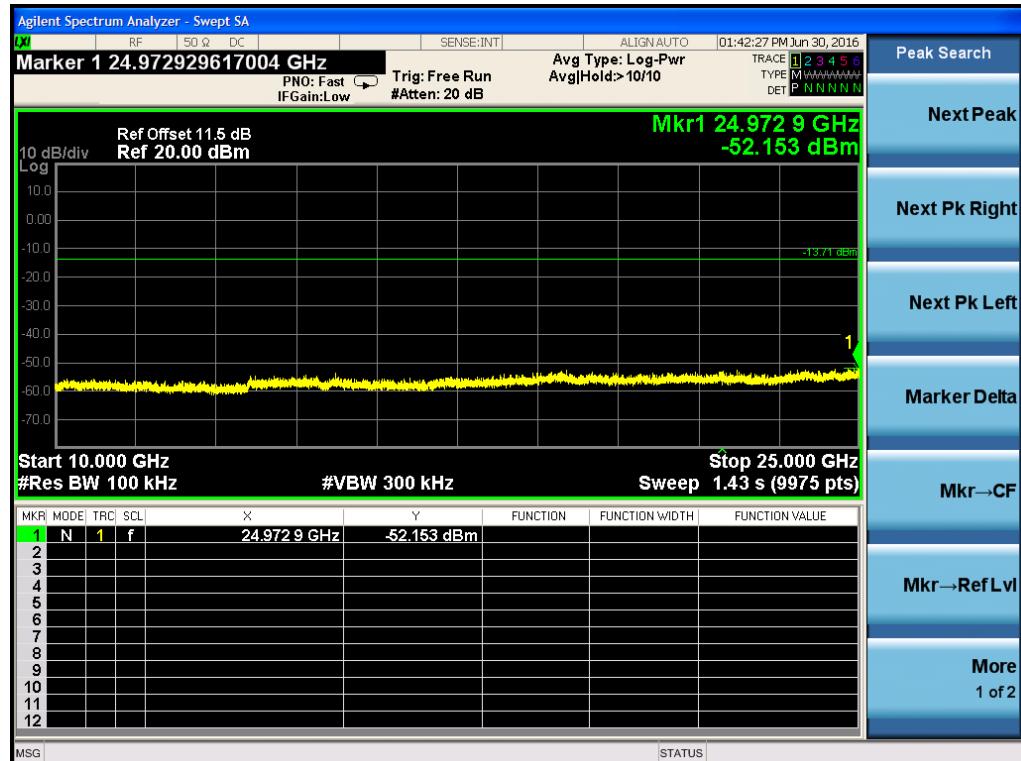
Test Plot of Conducted spurious emissions measured in 100kHz Bandwidth of 802.11b, ANT 1 Low Channel



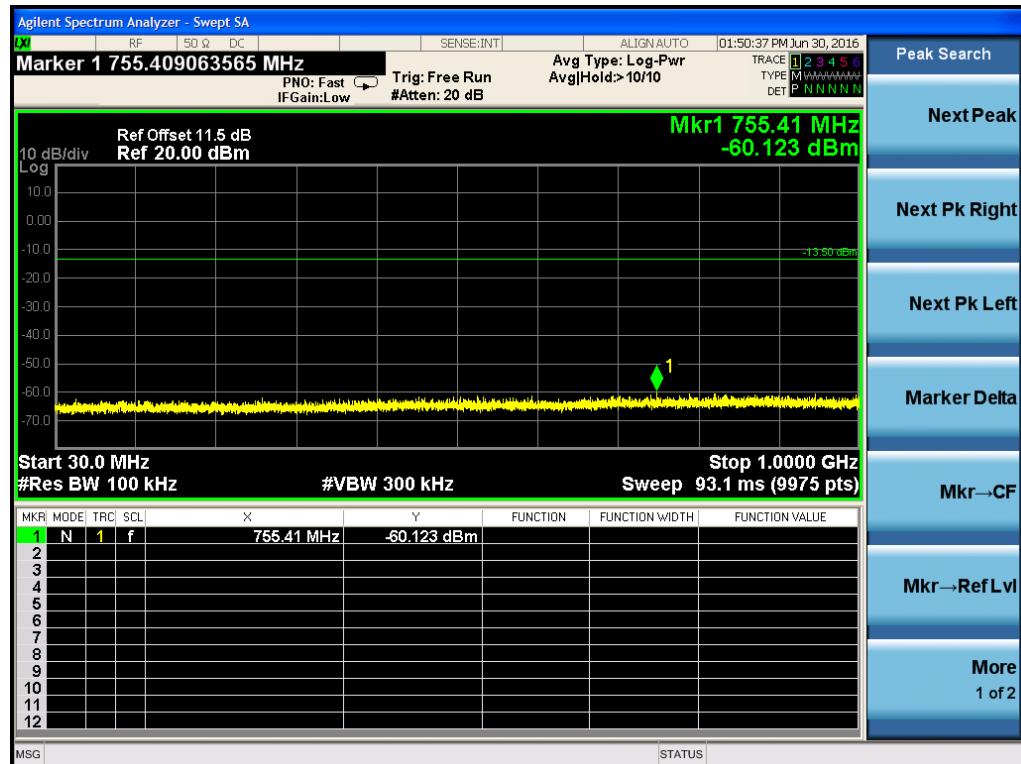
Prüfbericht - Nr.: 50050527 002

Test Report No.

Seite 21 von 181
 Page 21 of 181



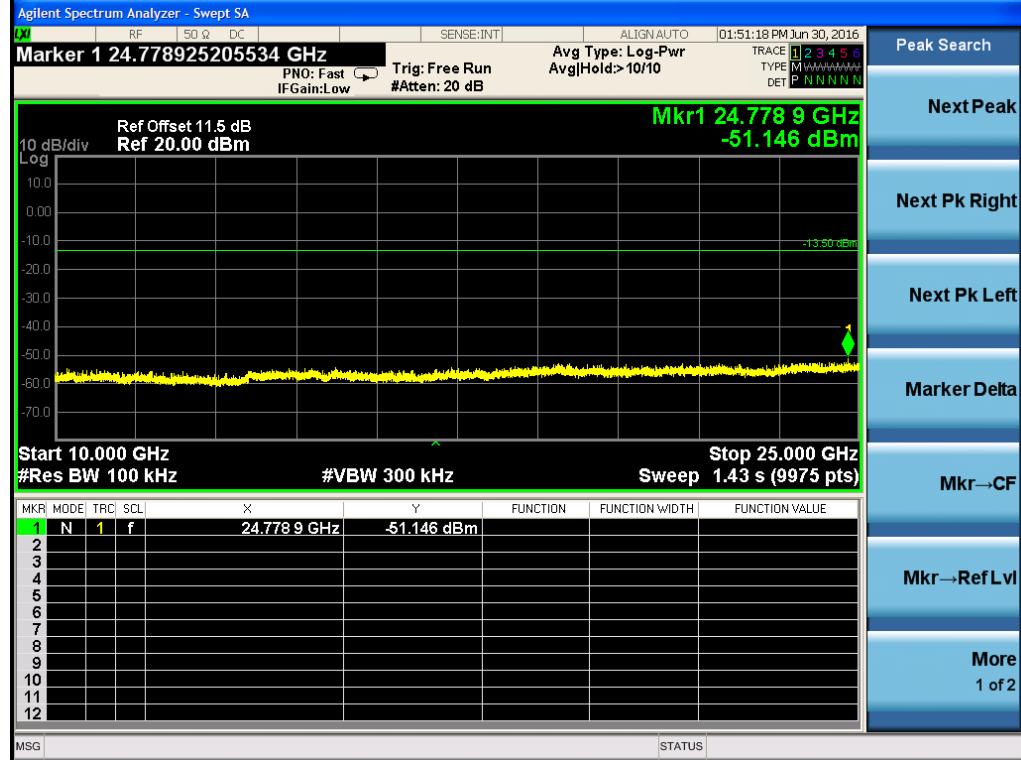
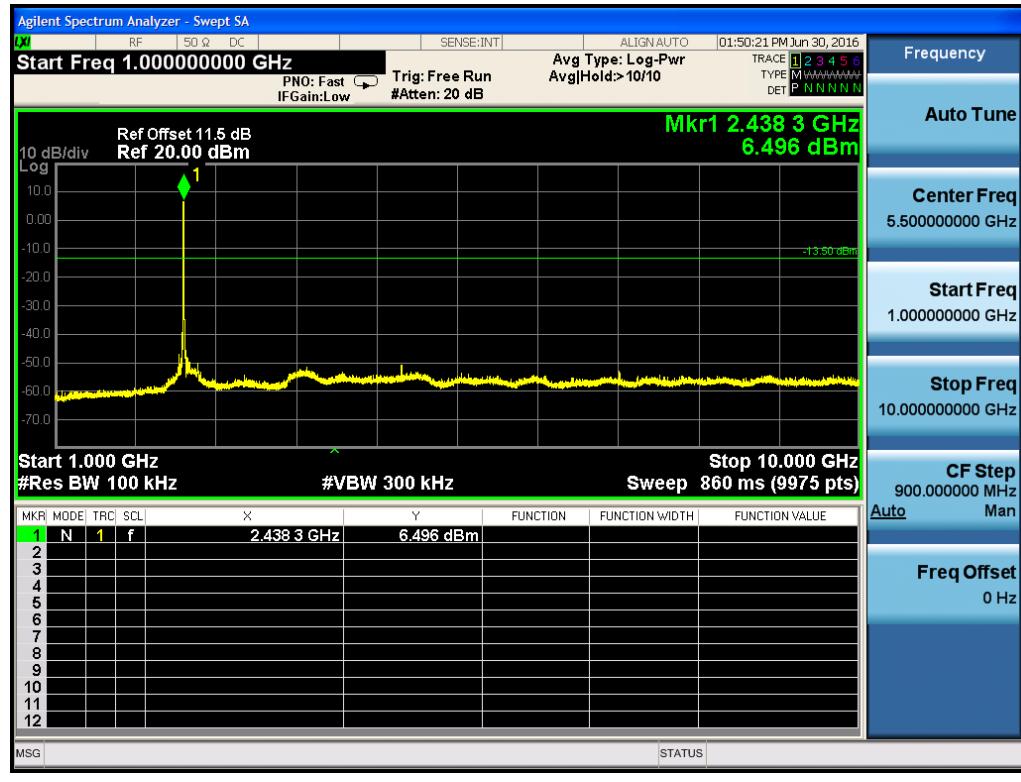
Middle Channel



Prüfbericht - Nr.: 50050527 002

Test Report No.

Seite 22 von 181
 Page 22 of 181

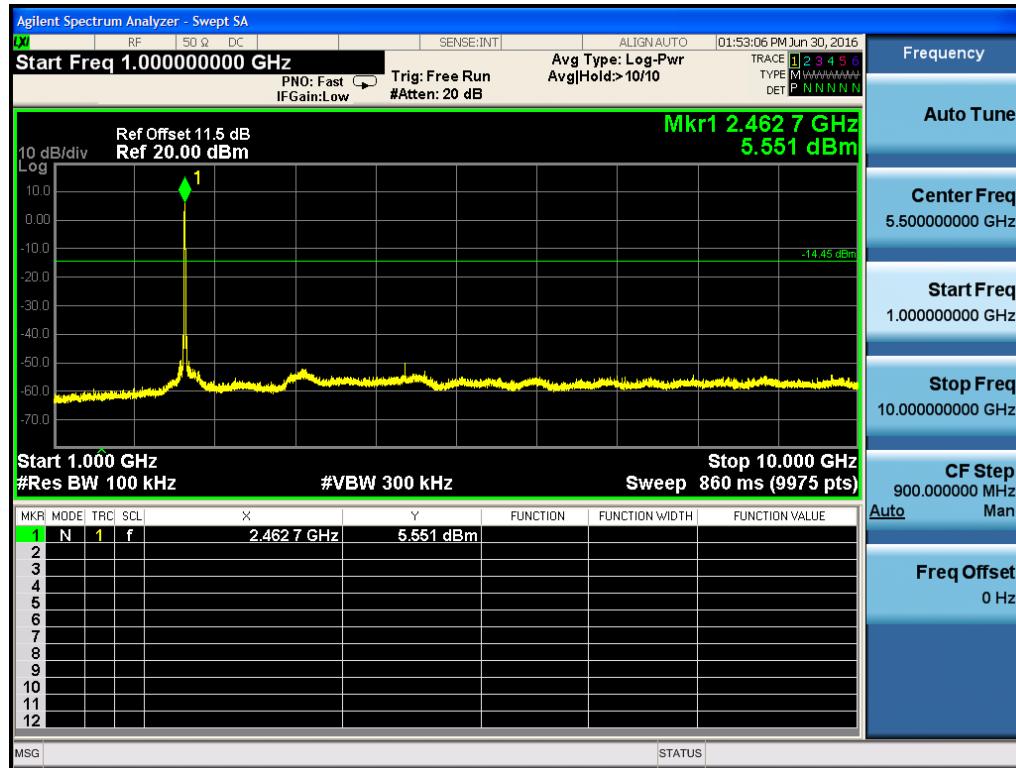
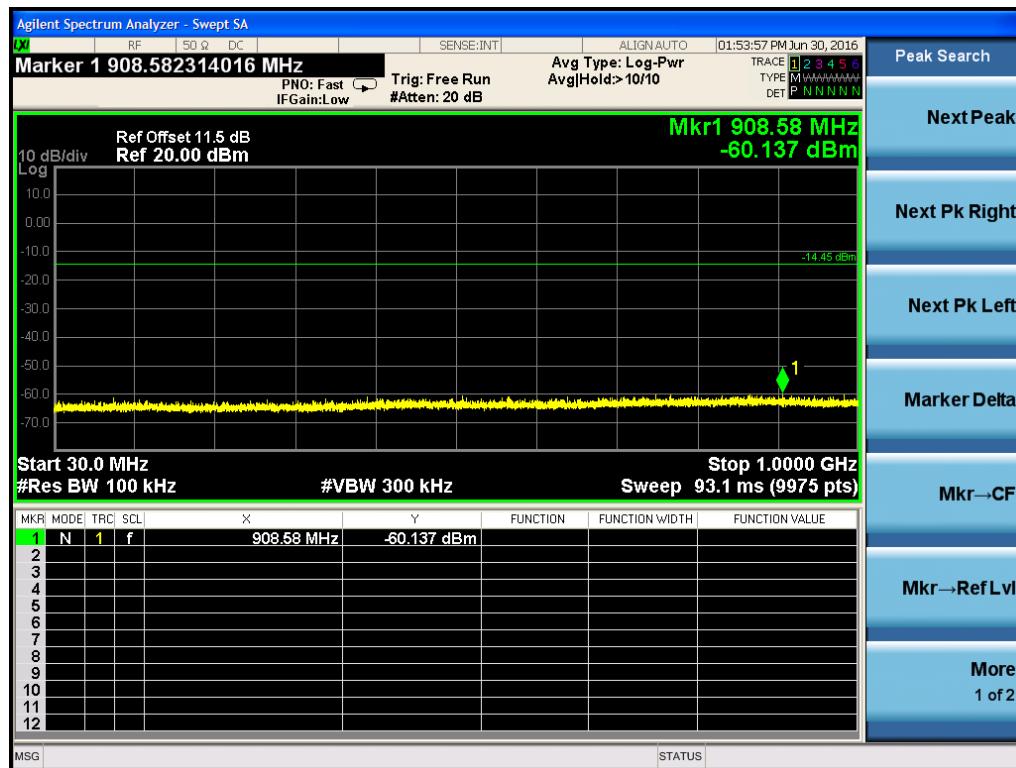


Prüfbericht - Nr.: 50050527 002

Test Report No.

Seite 23 von 181
 Page 23 of 181

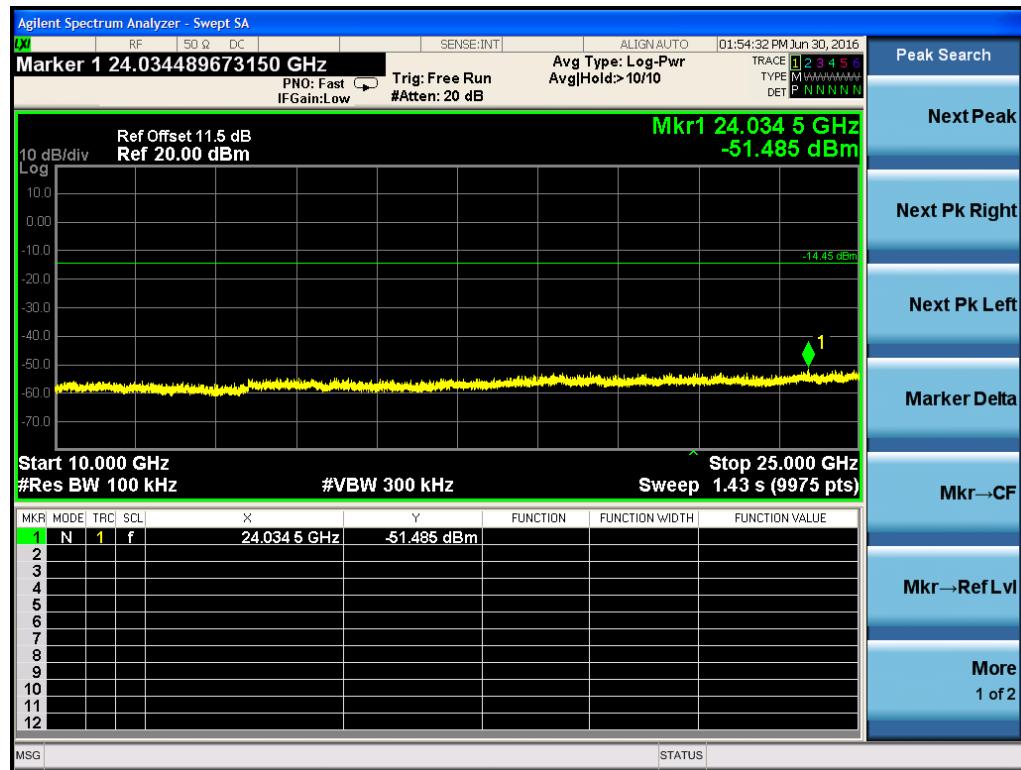
High Channel



Prüfbericht - Nr.: 50050527 002

Test Report No.

Seite 24 von 181
 Page 24 of 181

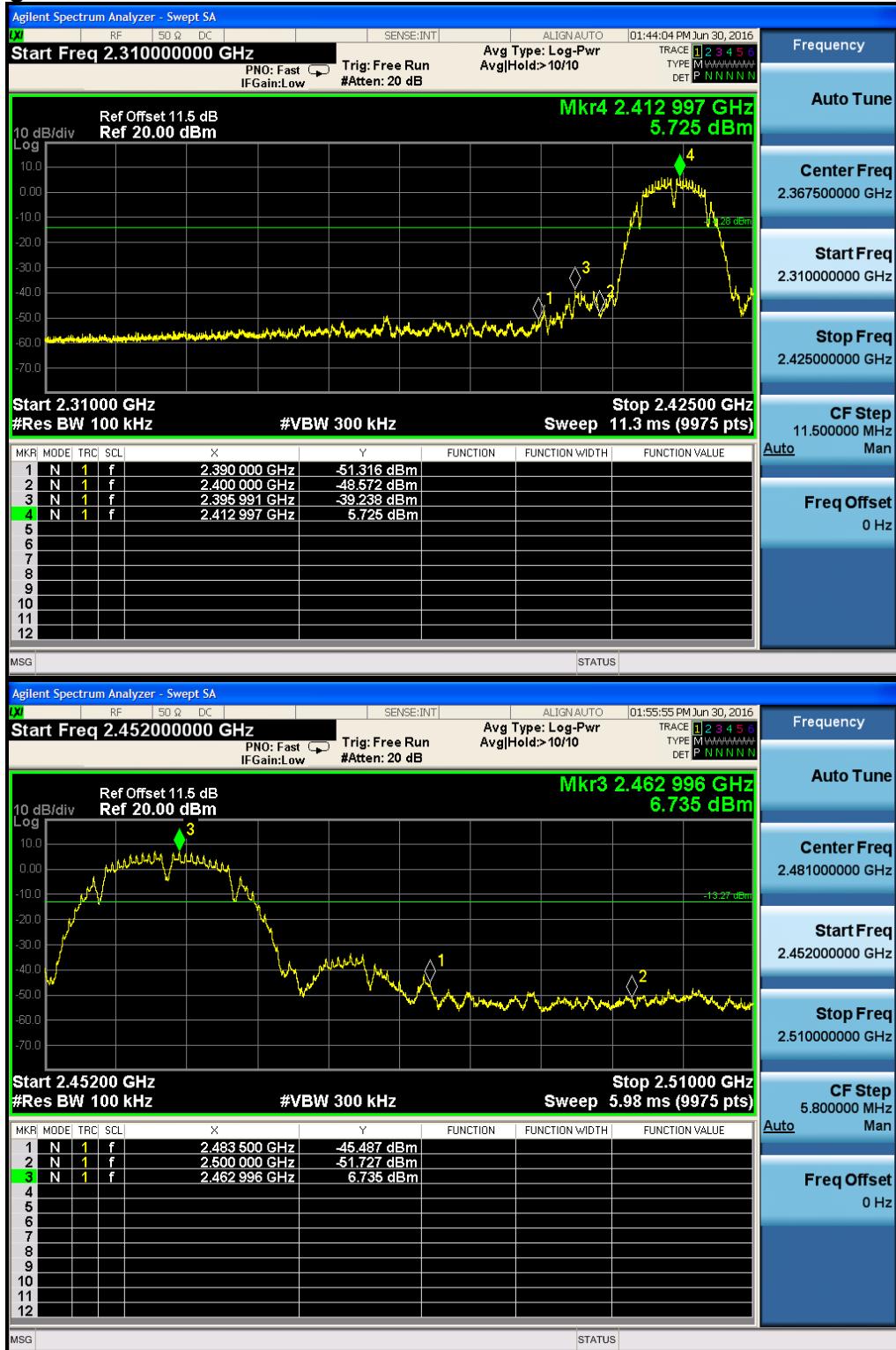


Prüfbericht - Nr.: 50050527 002

Test Report No.

Seite 25 von 181
 Page 25 of 181

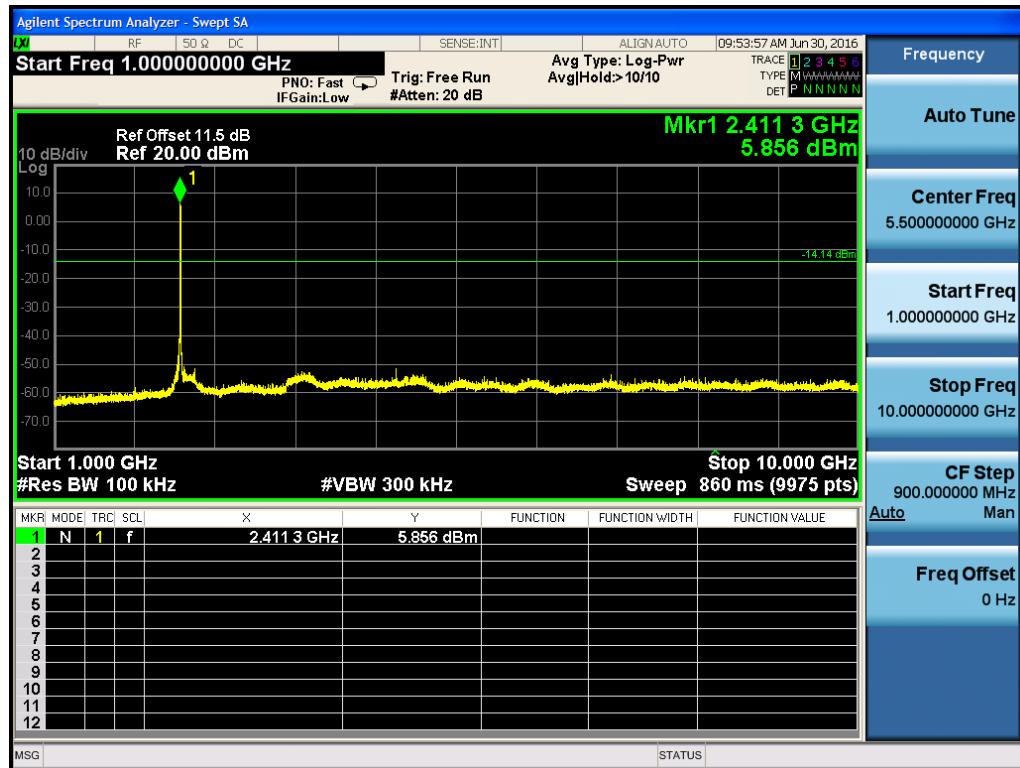
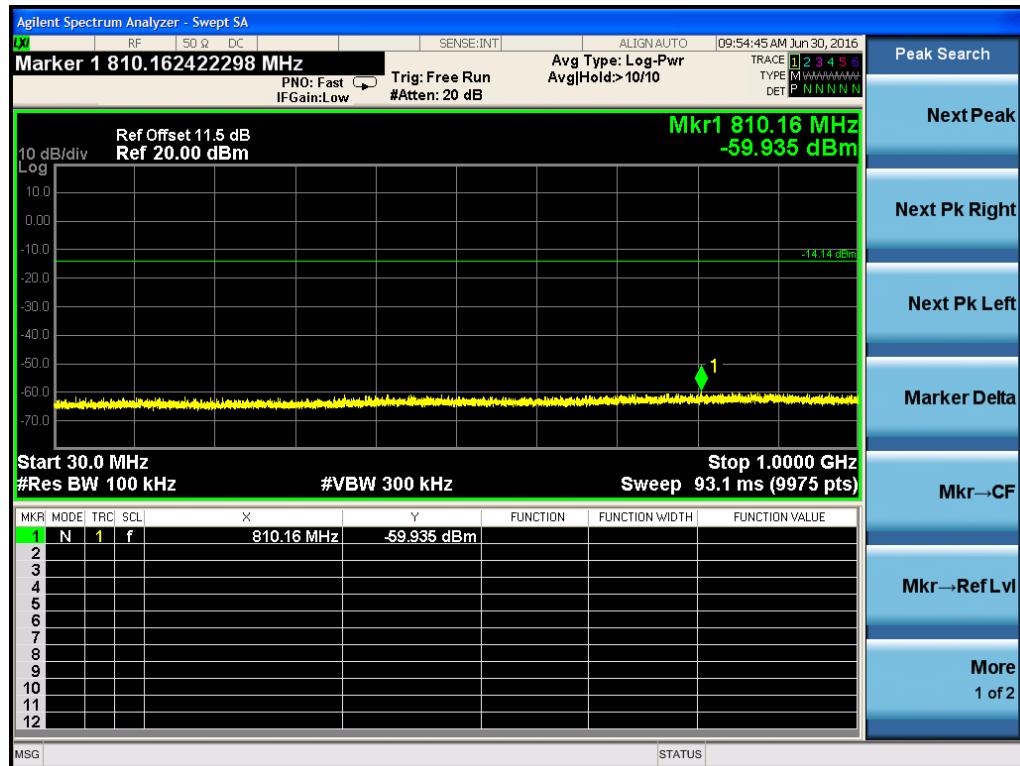
Band Edge



Prüfbericht - Nr.: 50050527 002
Test Report No.

Seite 26 von 181
Page 26 of 181

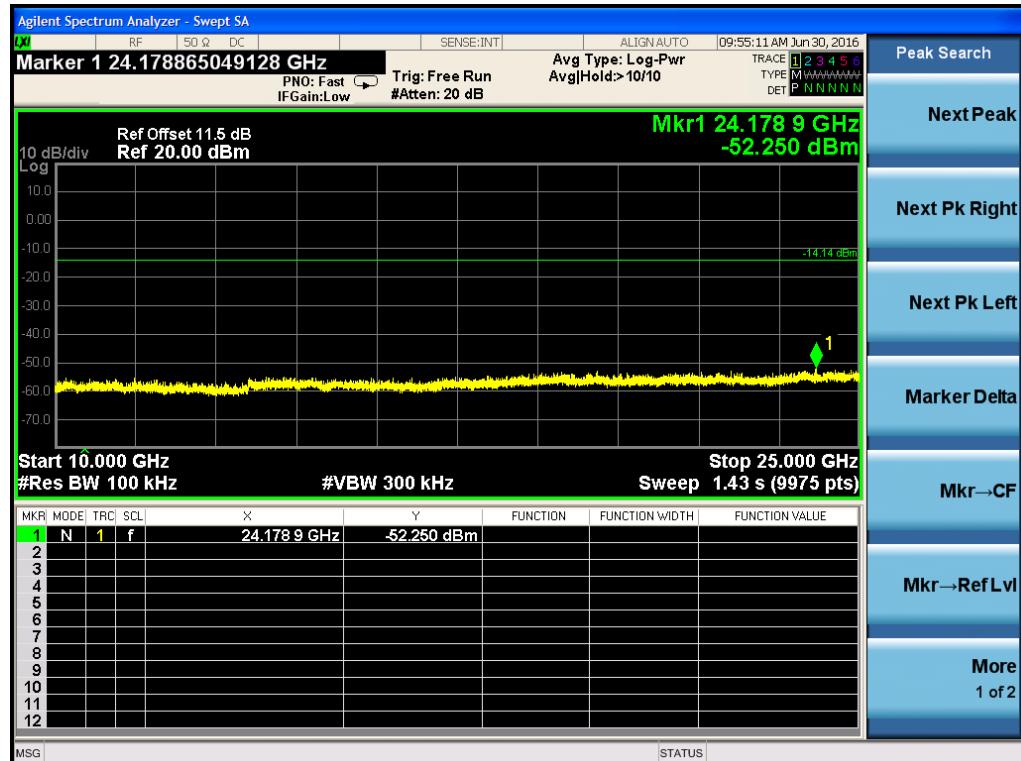
Test Plot of Conducted spurious emissions measured in 100kHz Bandwidth of 802.11b, ANT 2 Low Channel



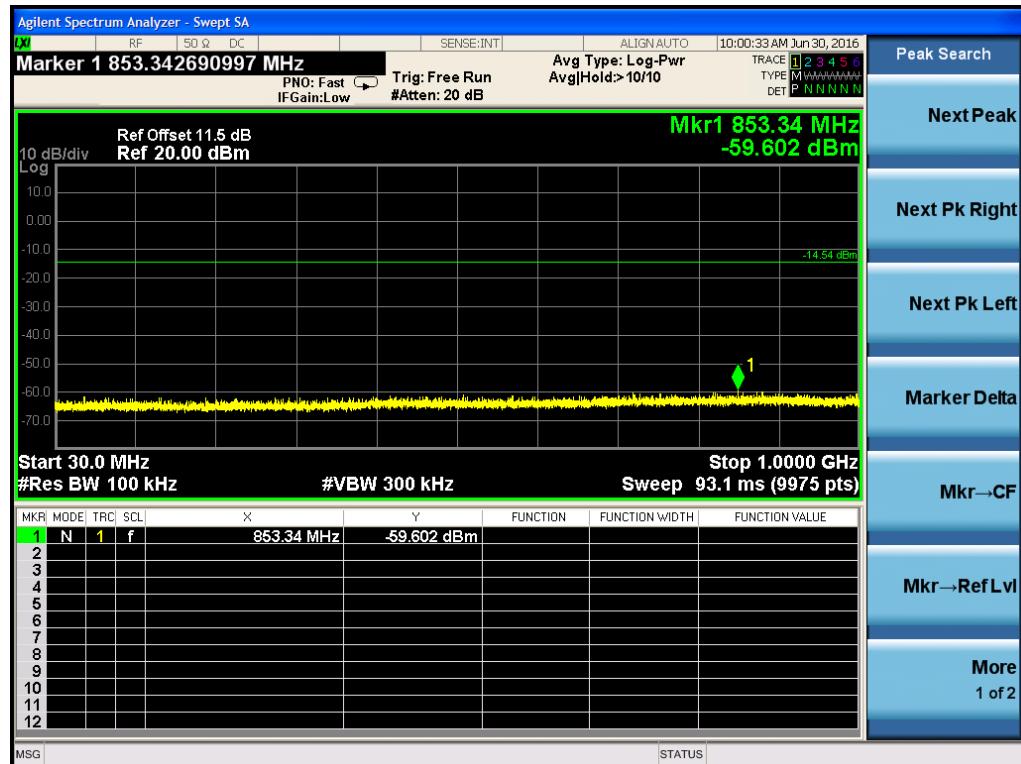
Prüfbericht - Nr.: 50050527 002

Test Report No.

Seite 27 von 181
 Page 27 of 181



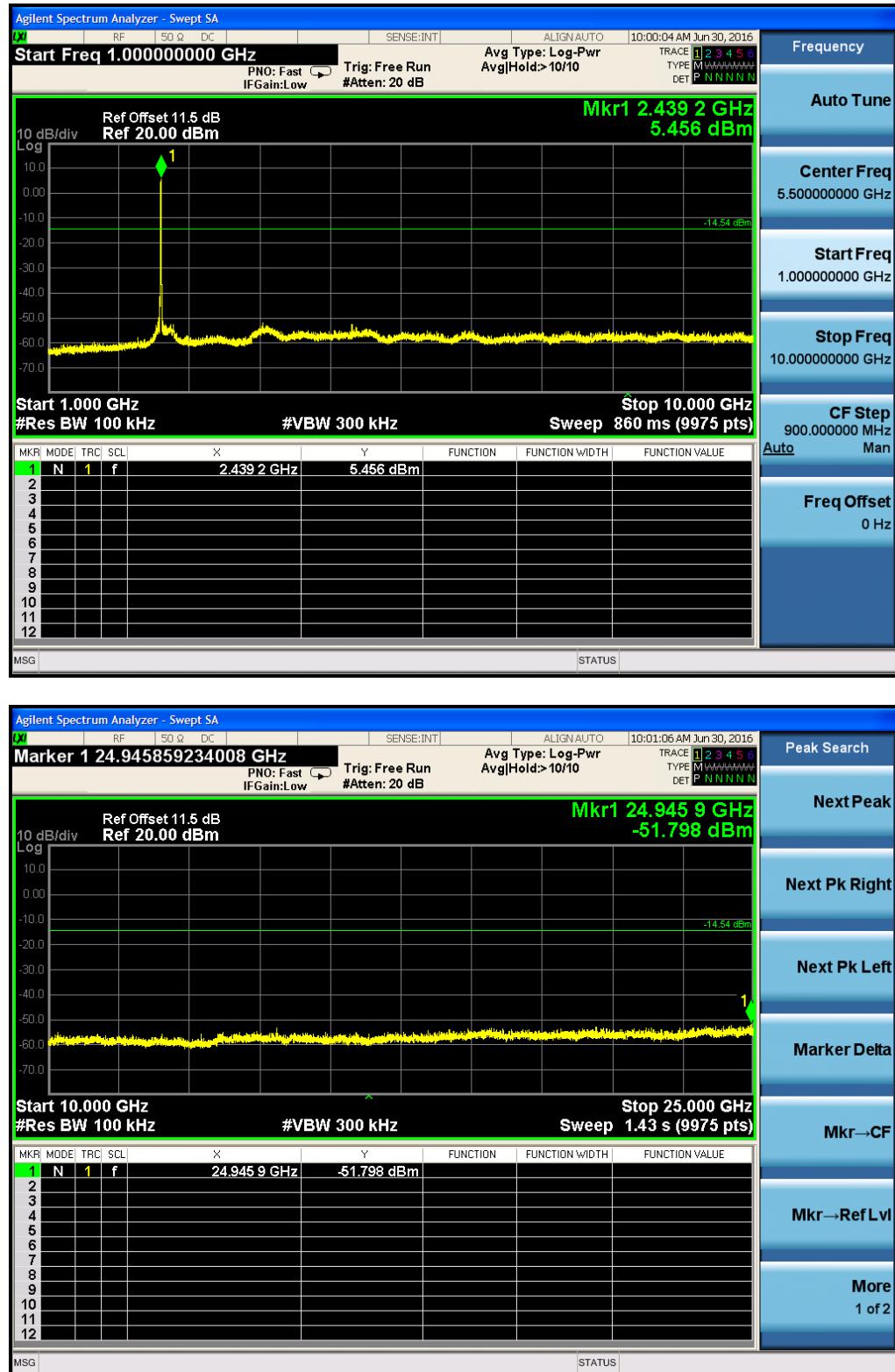
Middle Channel



Prüfbericht - Nr.: 50050527 002

Test Report No.

Seite 28 von 181
 Page 28 of 181

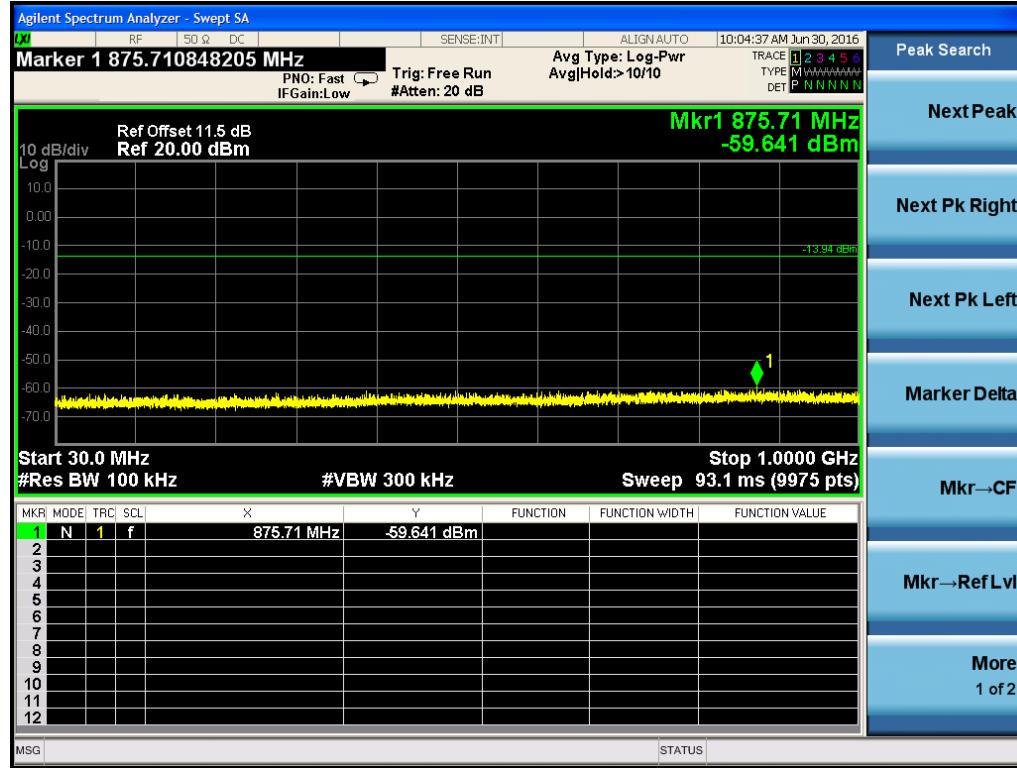
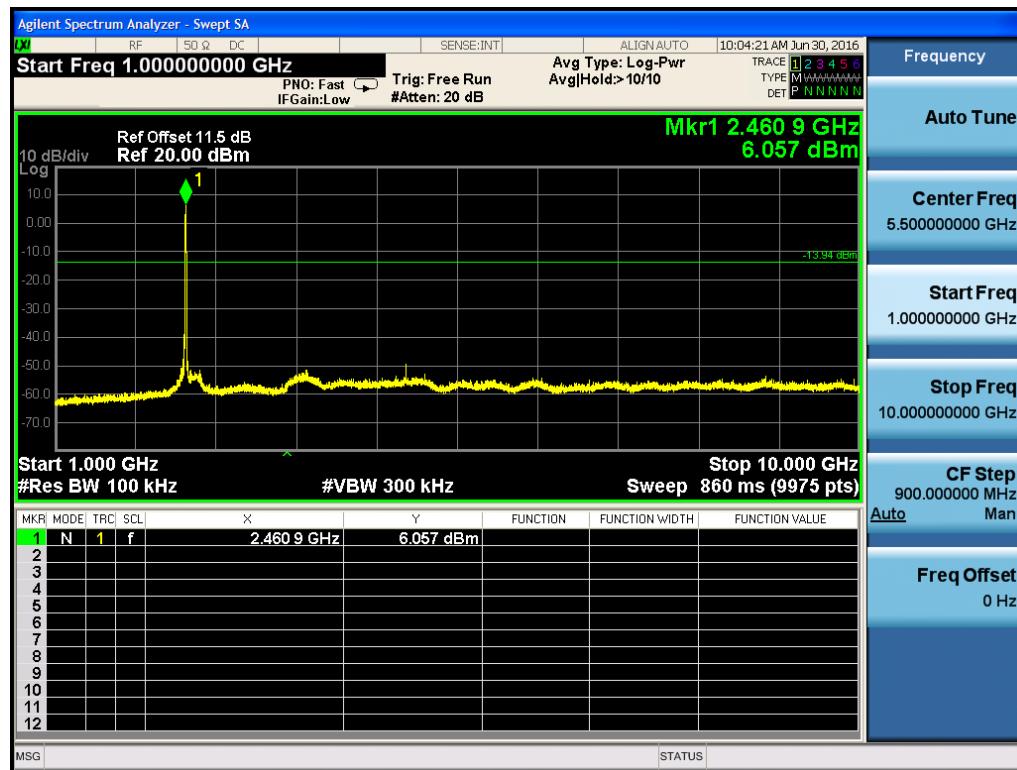


Prüfbericht - Nr.: 50050527 002

Test Report No.

Seite 29 von 181
 Page 29 of 181

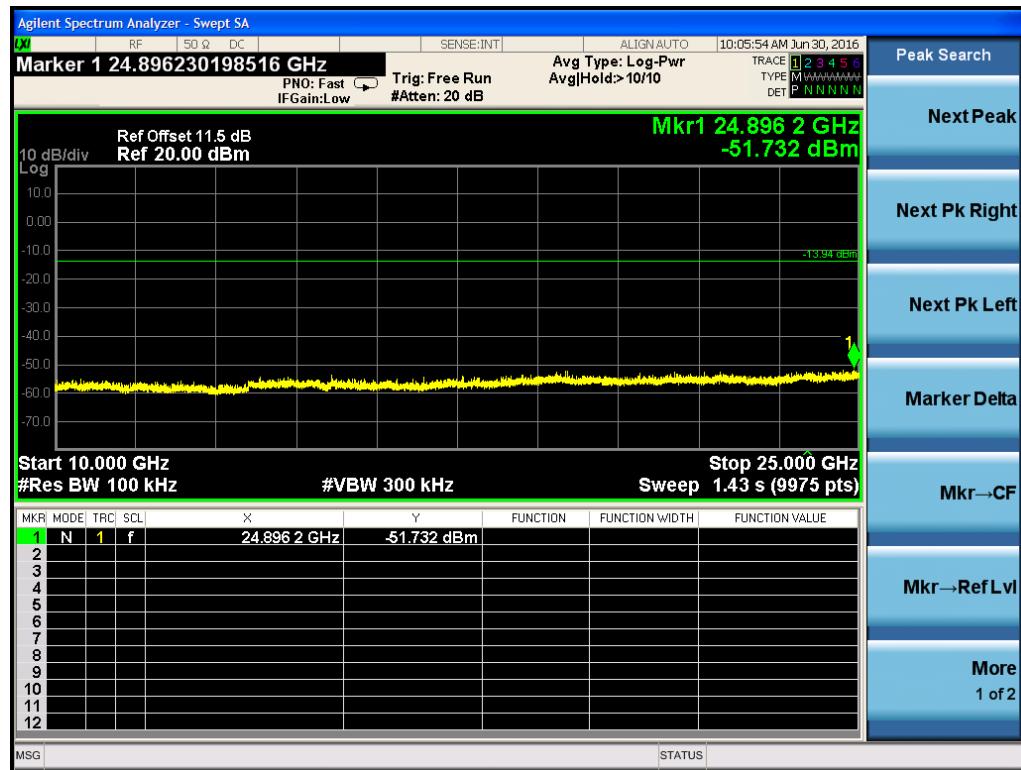
High Channel



Prüfbericht - Nr.: 50050527 002

Test Report No.

Seite 30 von 181
 Page 30 of 181

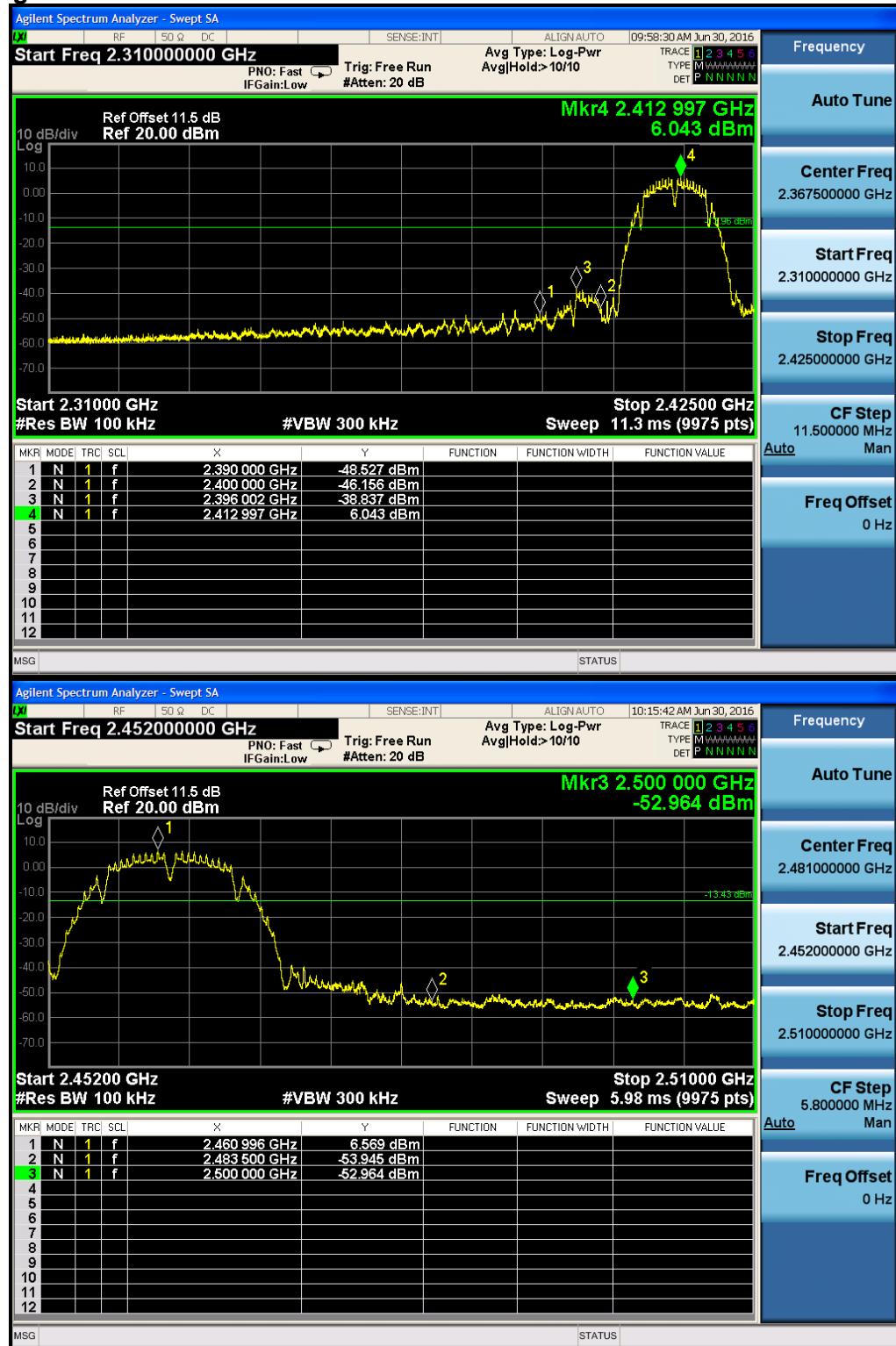


Prüfbericht - Nr.: 50050527 002

Test Report No.

Seite 31 von 181
Page 31 of 181

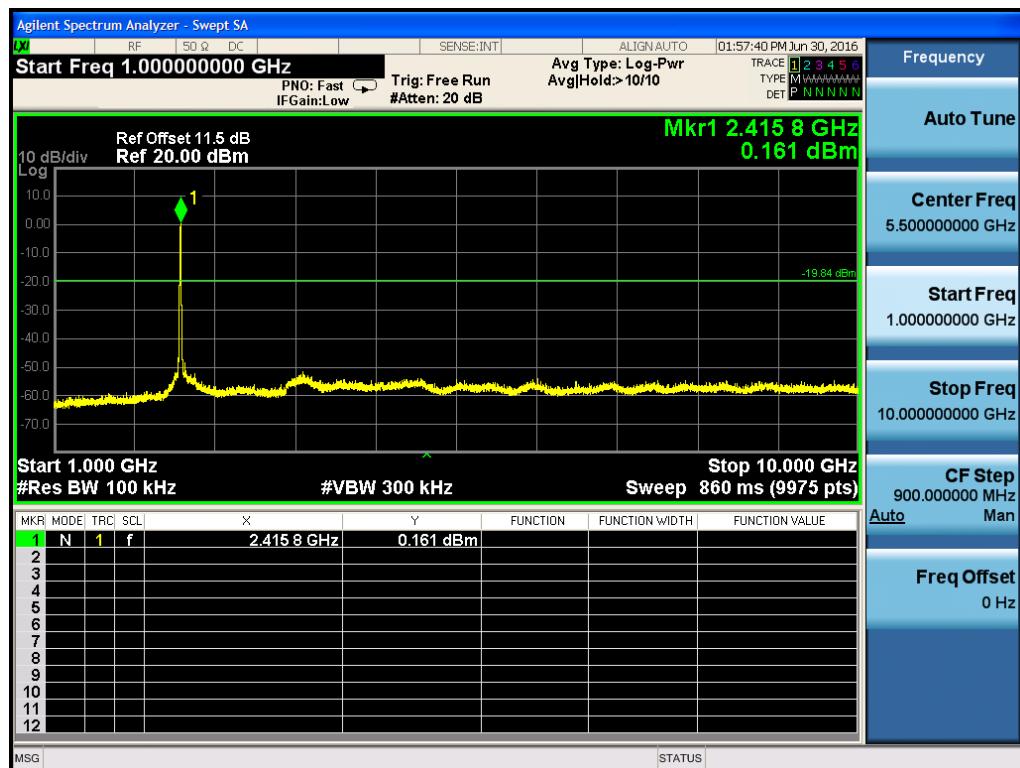
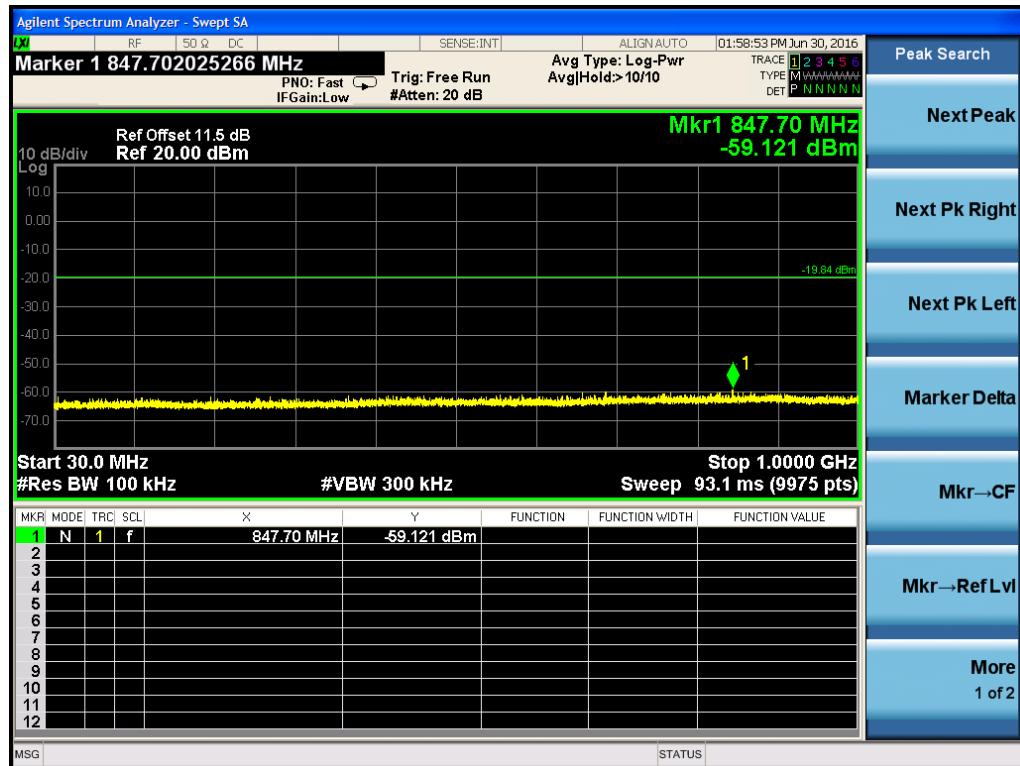
Band Edge



Prüfbericht - Nr.: 50050527 002
Test Report No.

Seite 32 von 181
Page 32 of 181

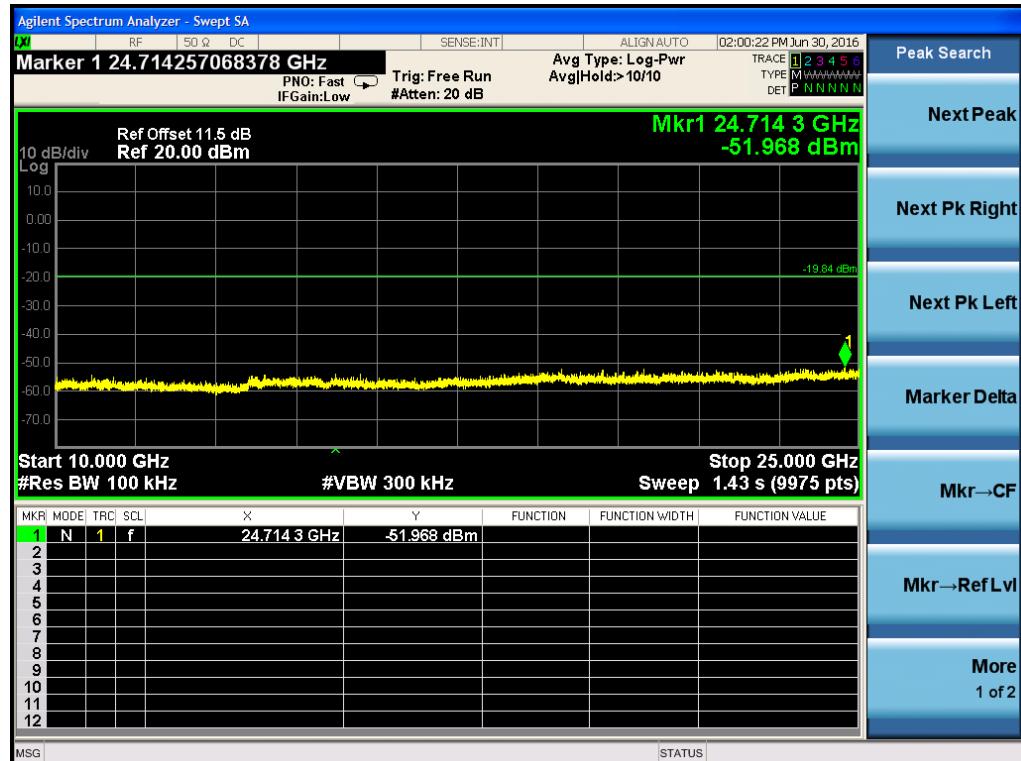
Test Plot of Conducted spurious emissions measured in 100kHz Bandwidth of 802.11g, ANT 1 Low Channel



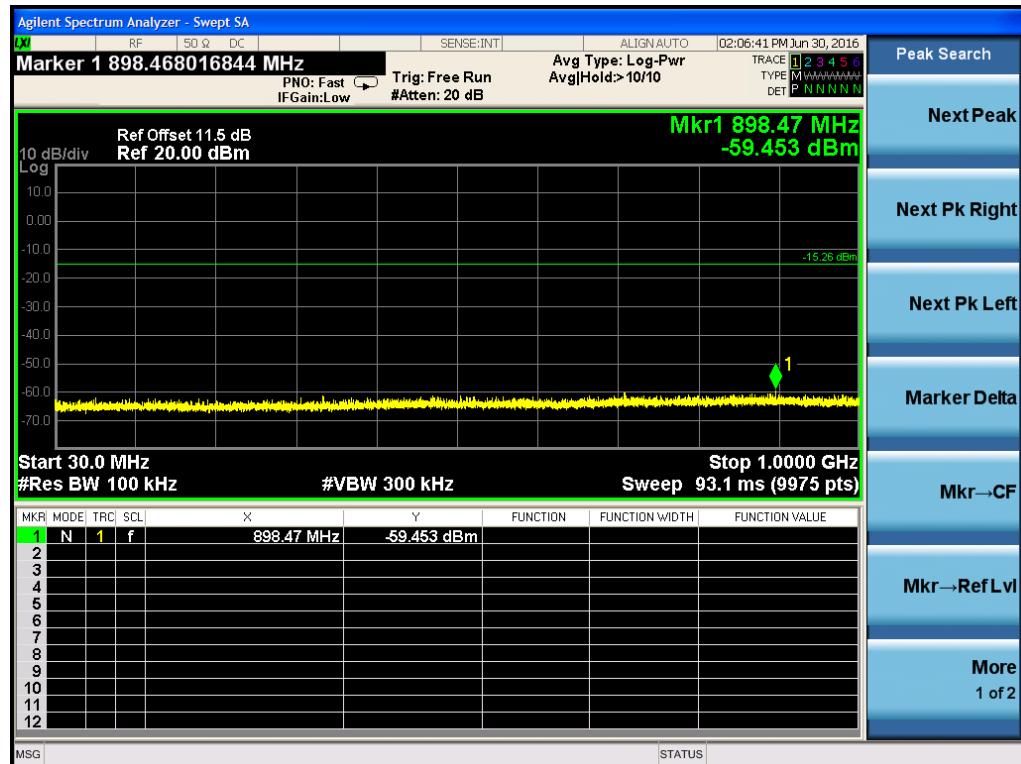
Prüfbericht - Nr.: 50050527 002

Test Report No.

Seite 33 von 181
 Page 33 of 181



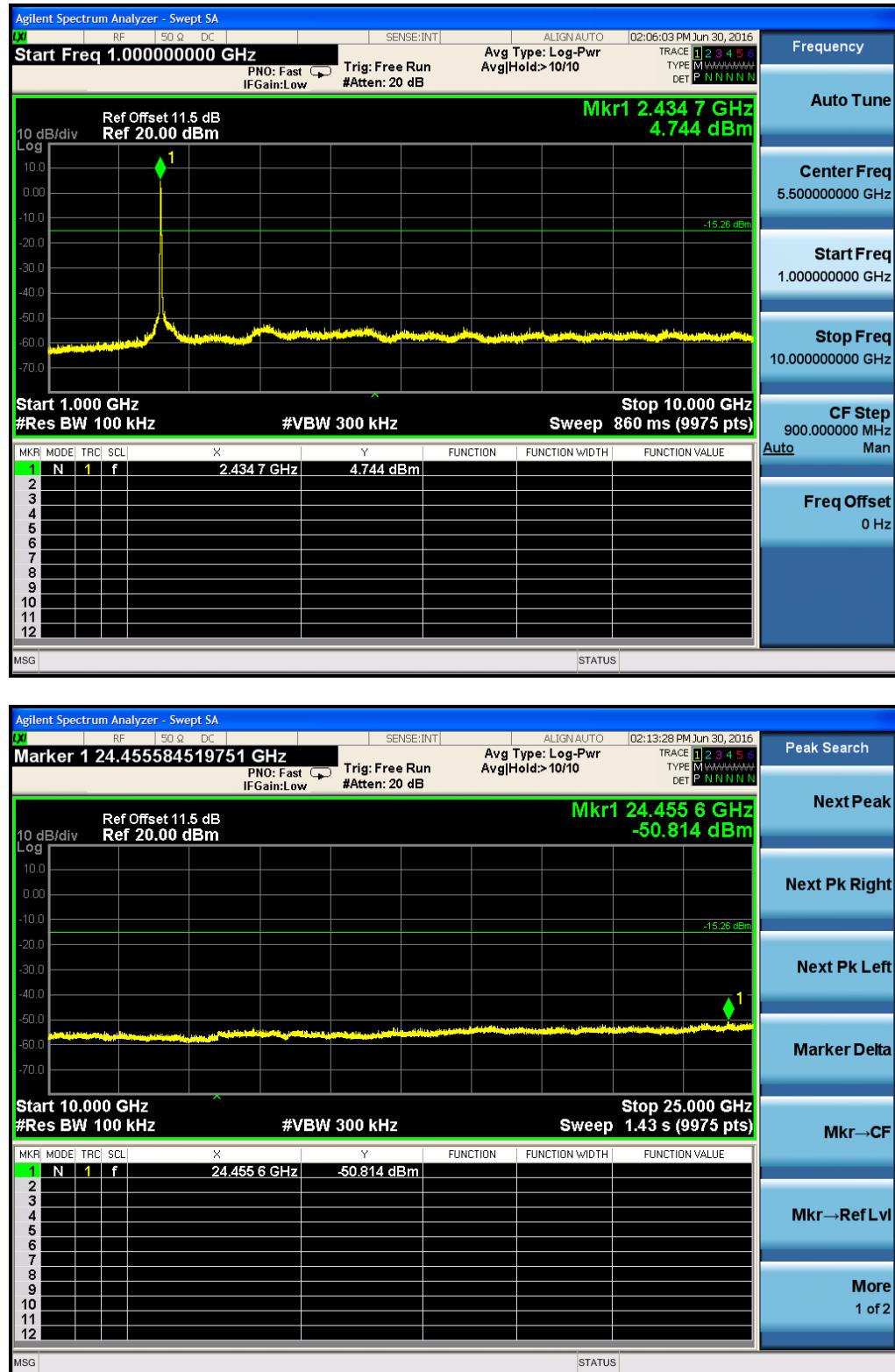
Middle Channel



Prüfbericht - Nr.: 50050527 002

Test Report No.

Seite 34 von 181
 Page 34 of 181

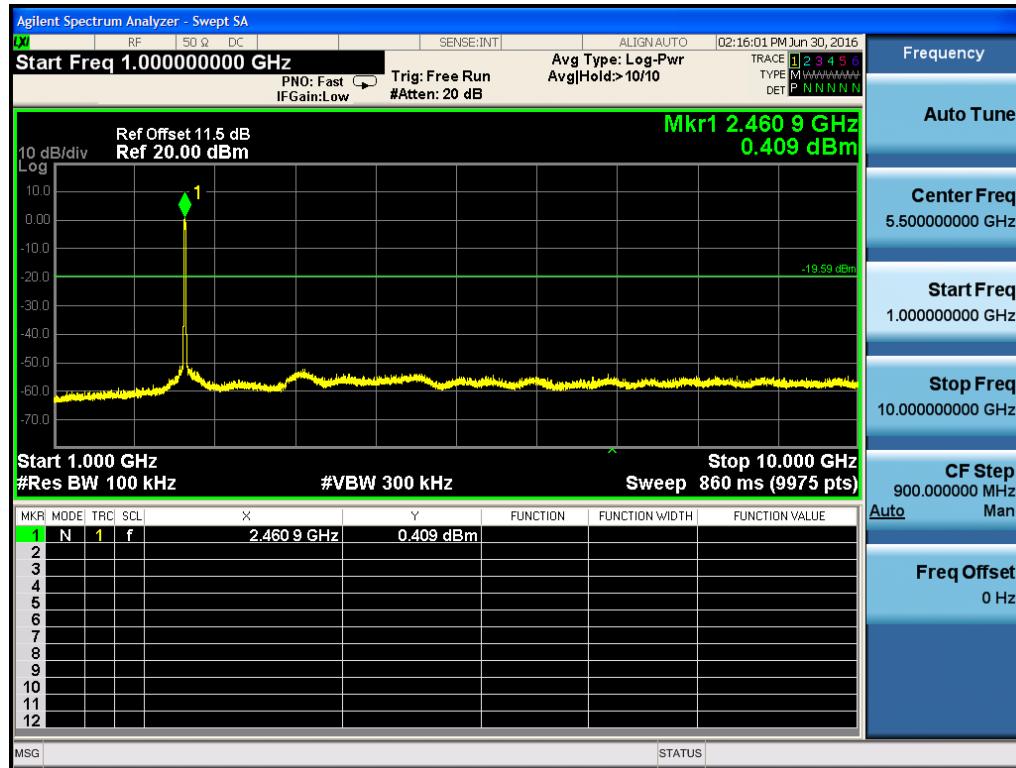
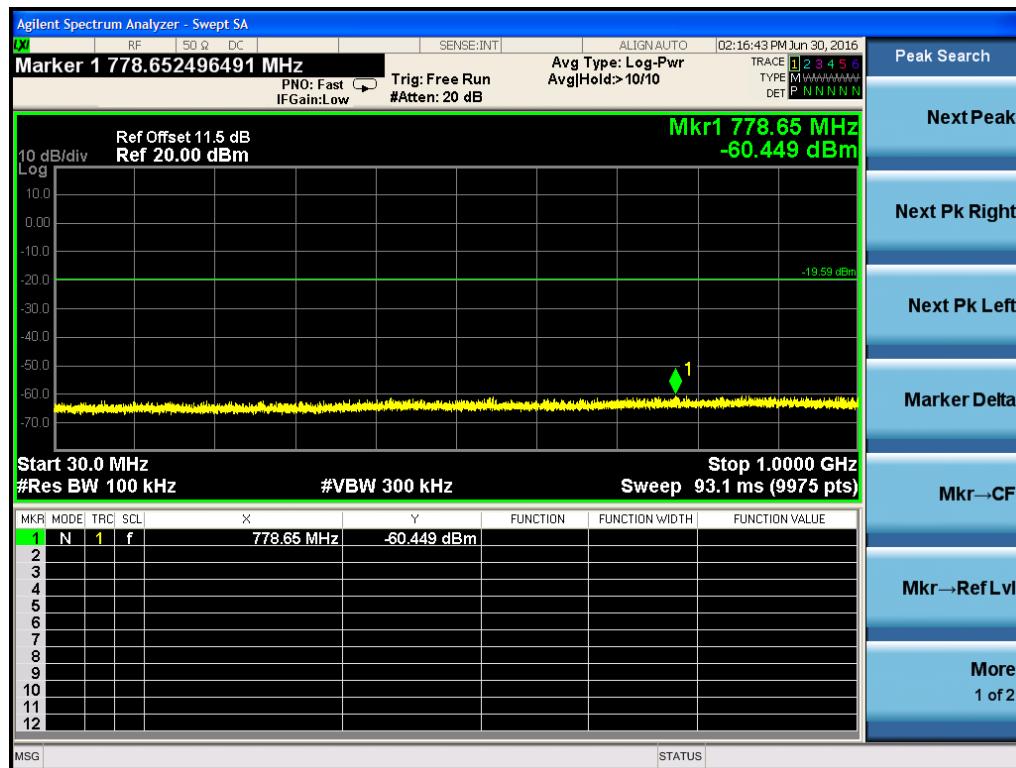


Prüfbericht - Nr.: 50050527 002

Test Report No.

Seite 35 von 181
 Page 35 of 181

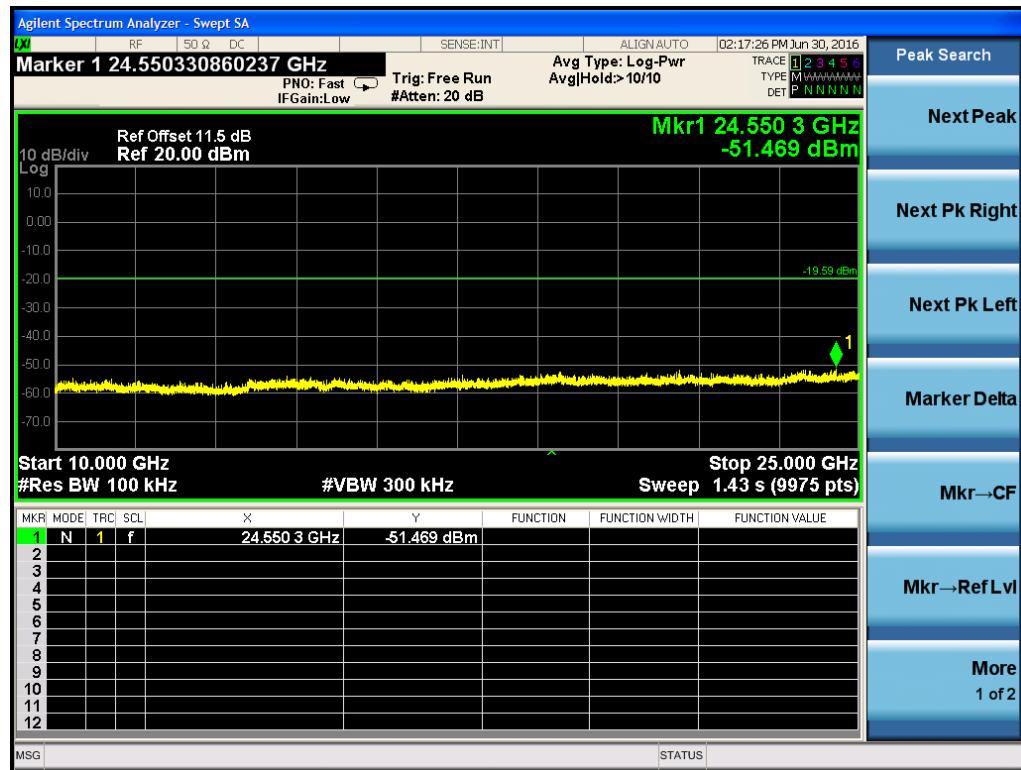
High Channel



Prüfbericht - Nr.: 50050527 002

Test Report No.

Seite 36 von 181
 Page 36 of 181



Prüfbericht - Nr.: 50050527 002

Test Report No.

Seite 37 von 181
 Page 37 of 181

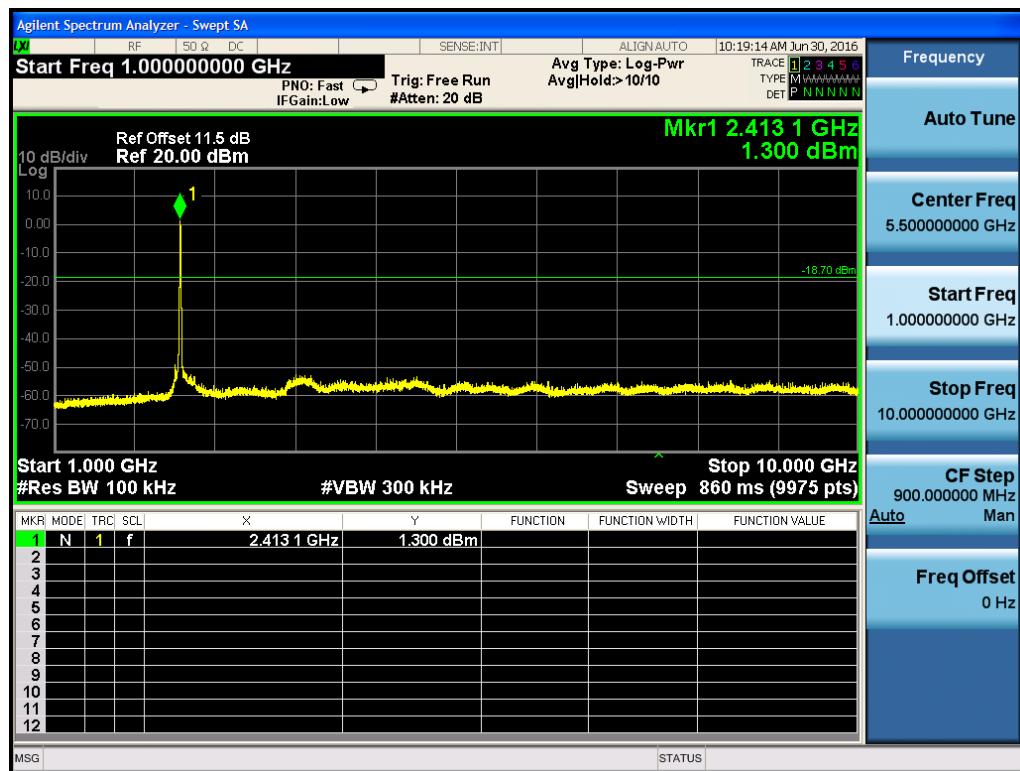
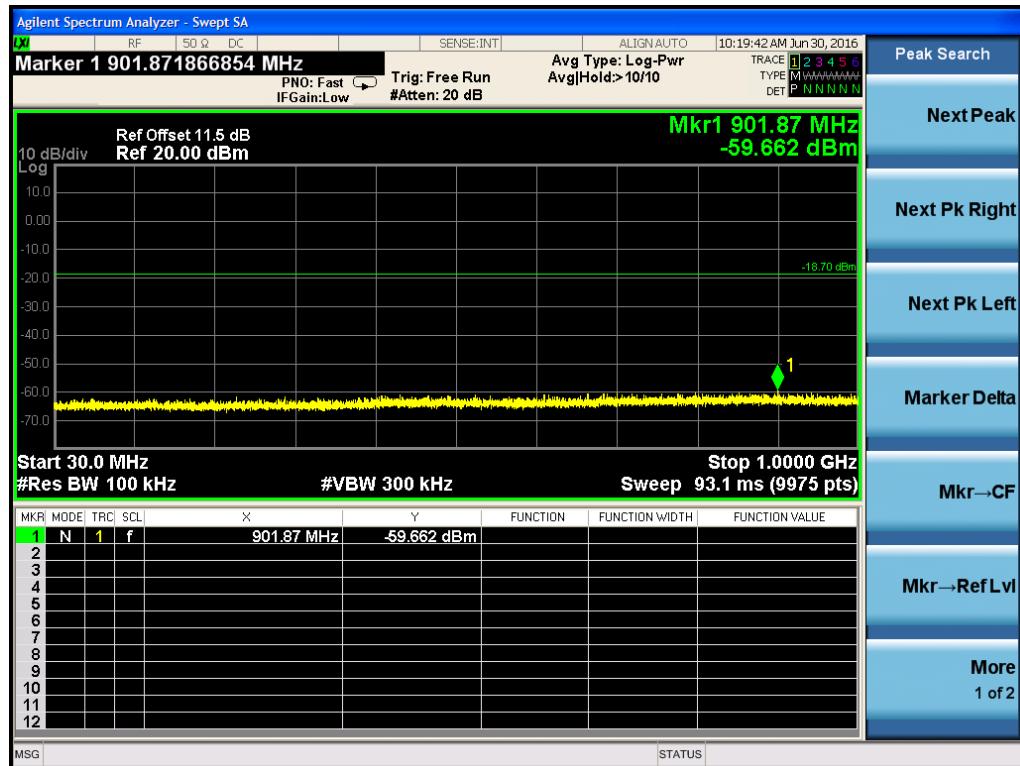
Band Edge



Prüfbericht - Nr.: 50050527 002
Test Report No.

Seite 38 von 181
Page 38 of 181

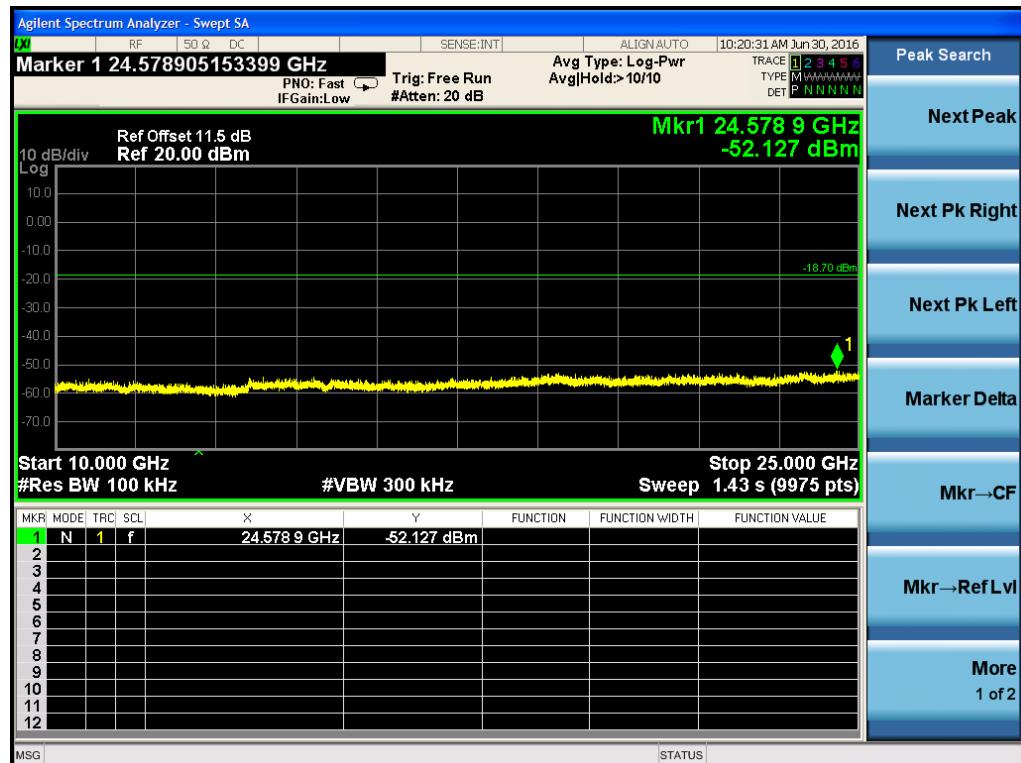
Test Plot of Conducted spurious emissions measured in 100kHz Bandwidth of 802.11g, ANT 2 Low Channel



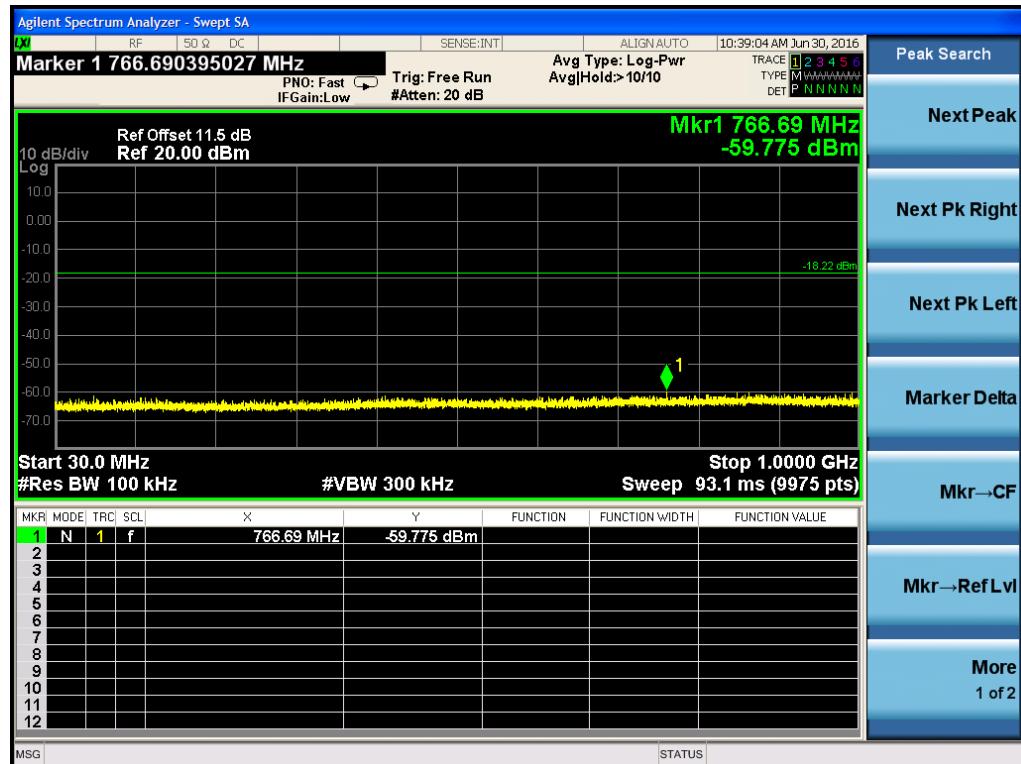
Prüfbericht - Nr.: 50050527 002

Test Report No.

Seite 39 von 181
 Page 39 of 181



Middle Channel

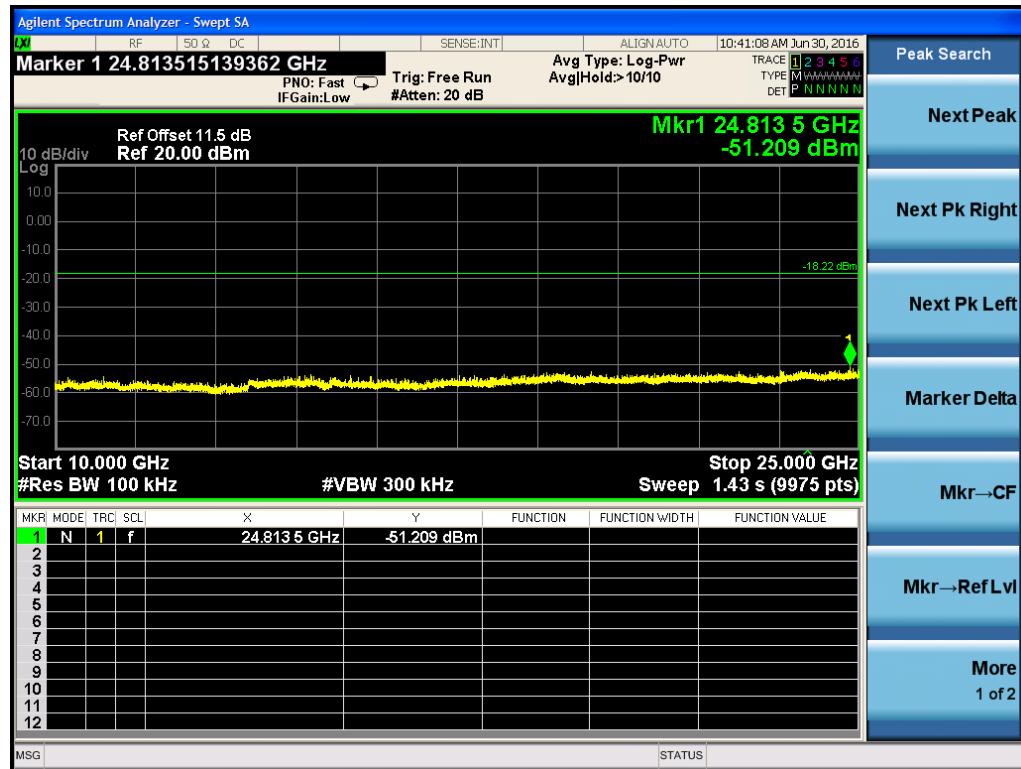
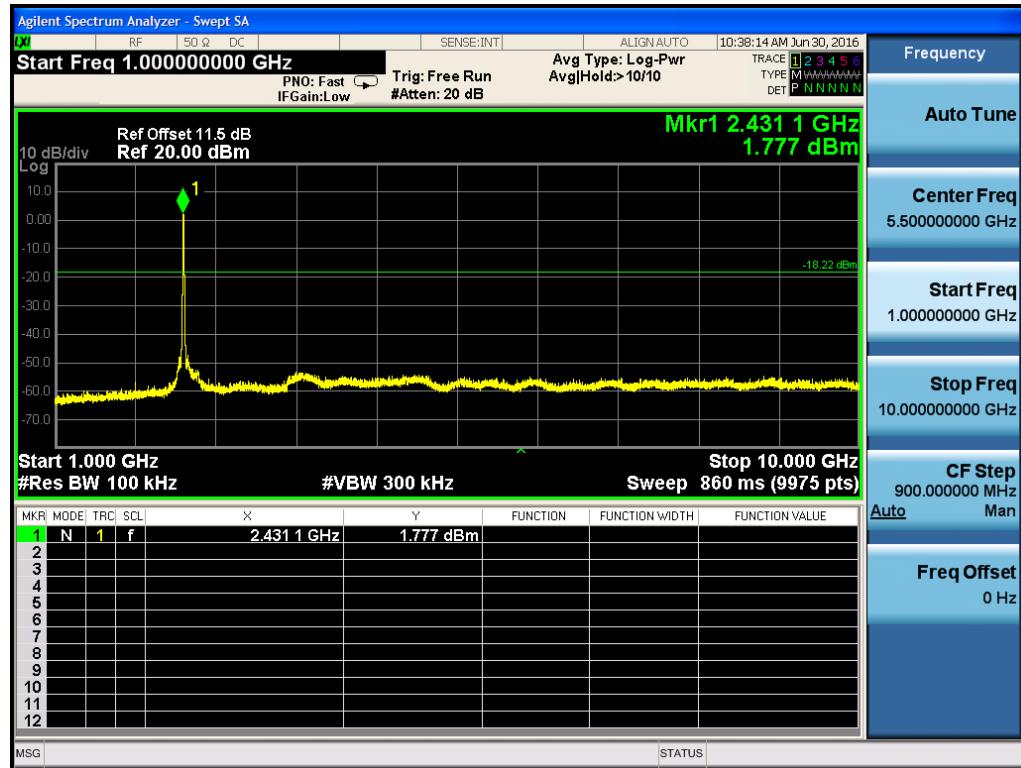


Produkte

Products

Prüfbericht - Nr.: 50050527 002
Test Report No.

Seite 40 von 181
Page 40 of 181

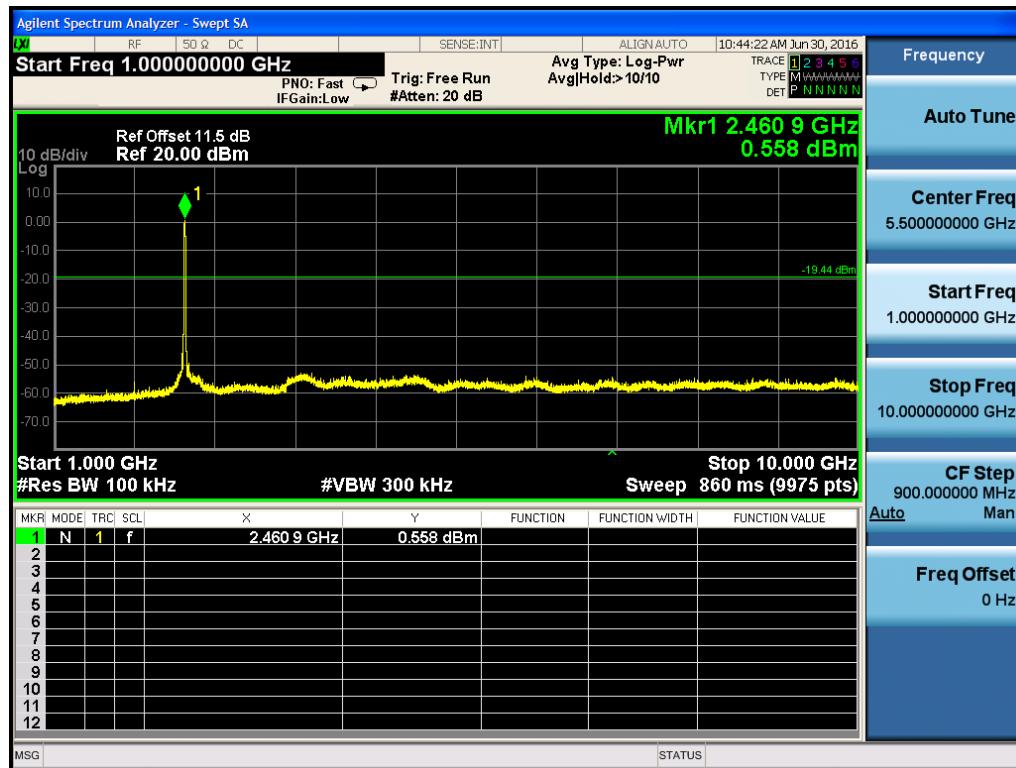
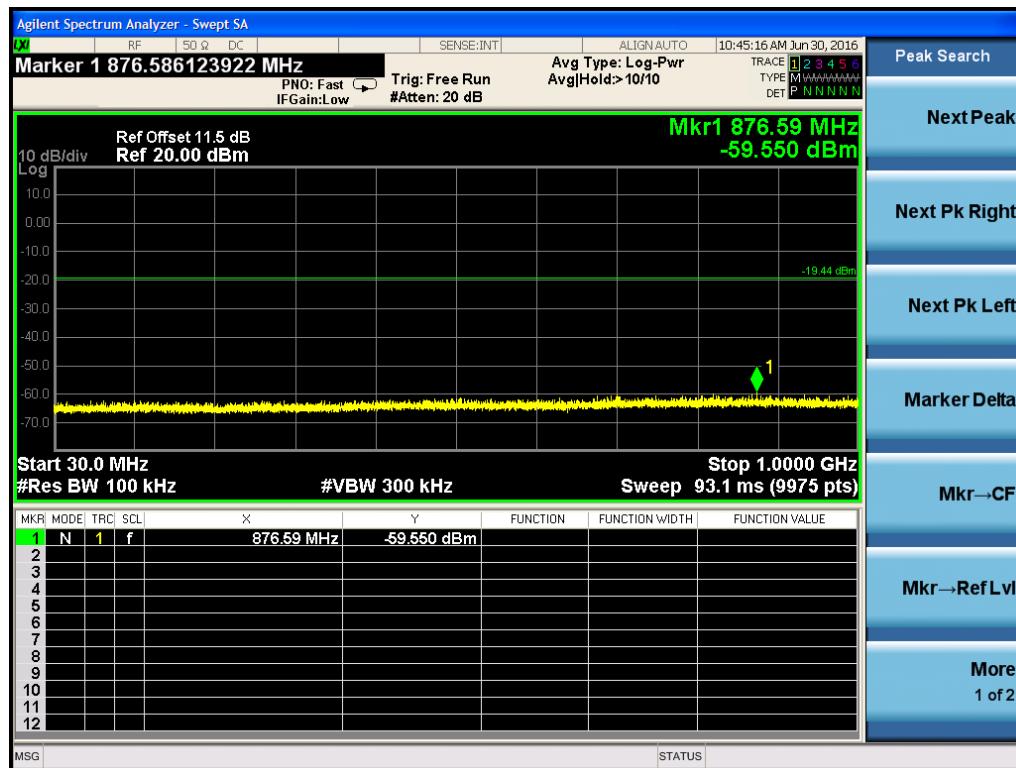


Prüfbericht - Nr.: 50050527 002

Test Report No.

Seite 41 von 181
Page 41 of 181

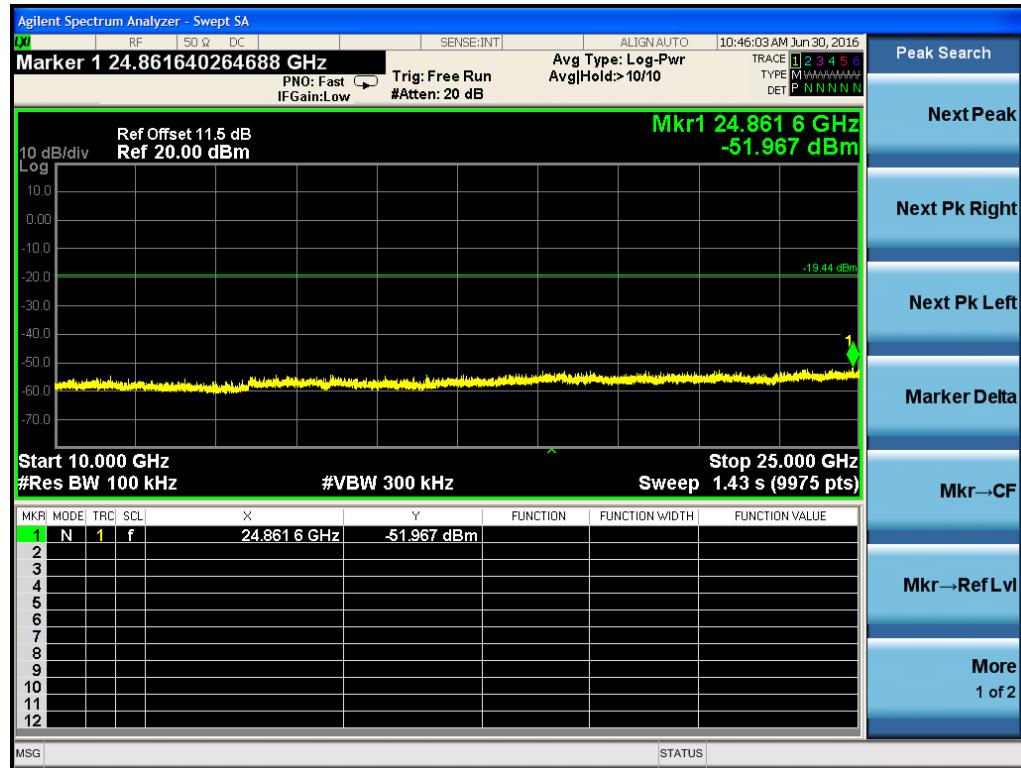
High Channel



Prüfbericht - Nr.: 50050527 002

Test Report No.

Seite 42 von 181
 Page 42 of 181



Prüfbericht - Nr.: 50050527 002

Test Report No.

Seite 43 von 181
 Page 43 of 181

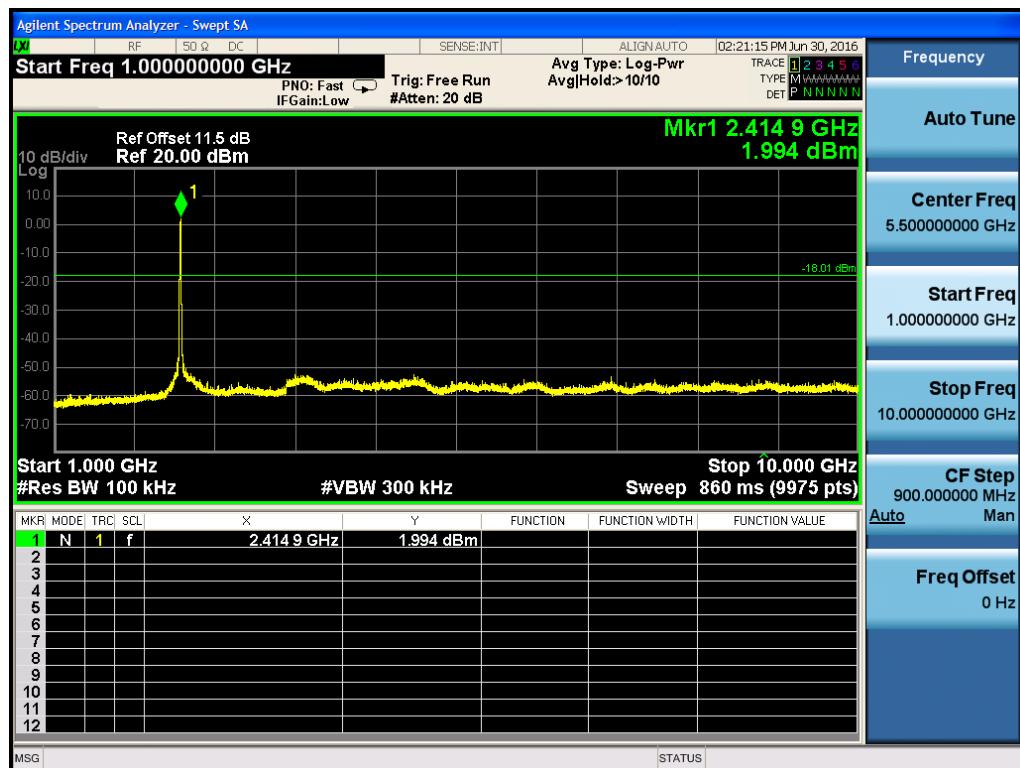
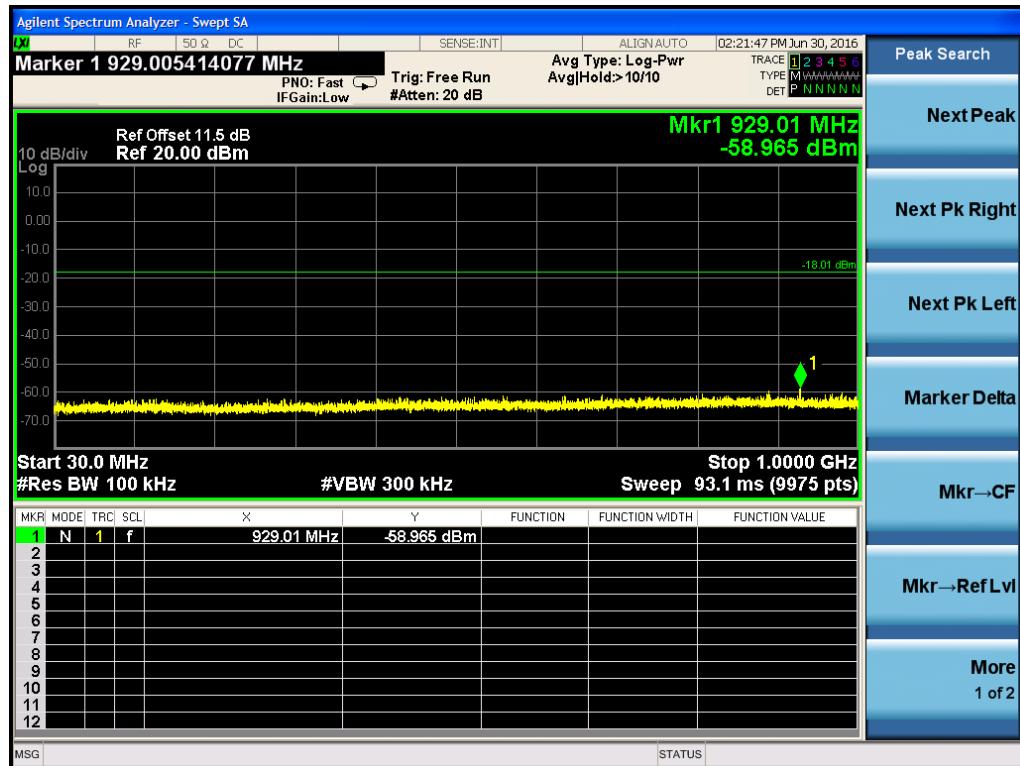
Band Edge



Prüfbericht - Nr.: 50050527 002
Test Report No.

Seite 44 von 181
Page 44 of 181

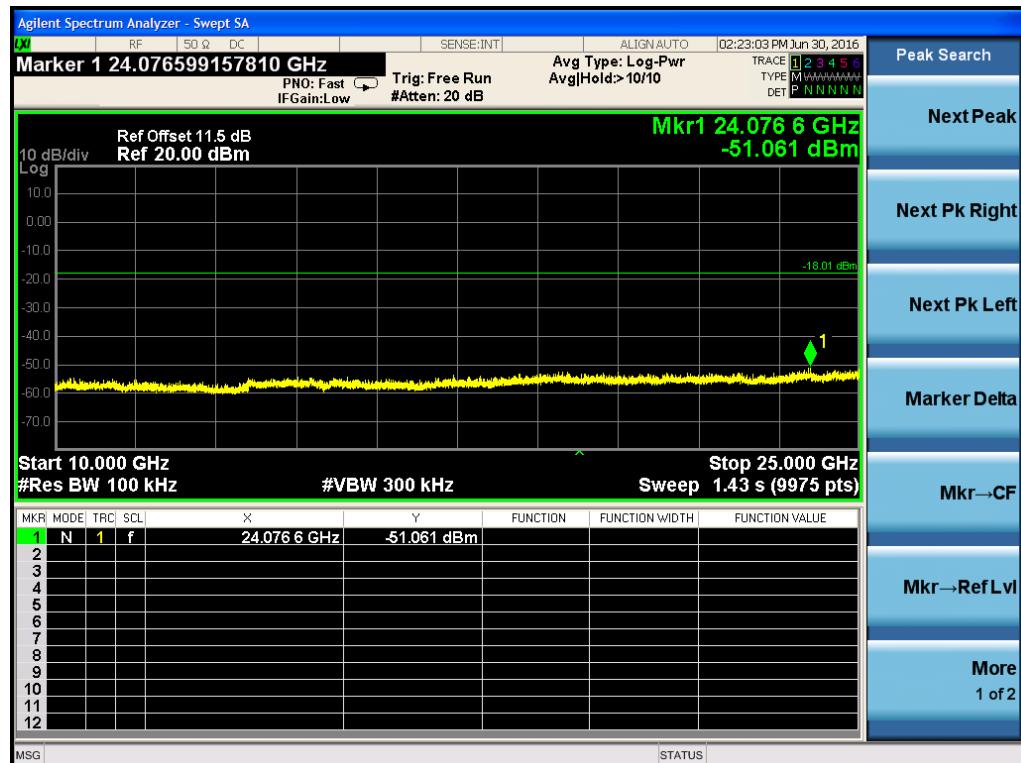
Test Plot of Conducted spurious emissions measured in 100kHz Bandwidth of 802.11n (HT20), ANT 1 Low Channel



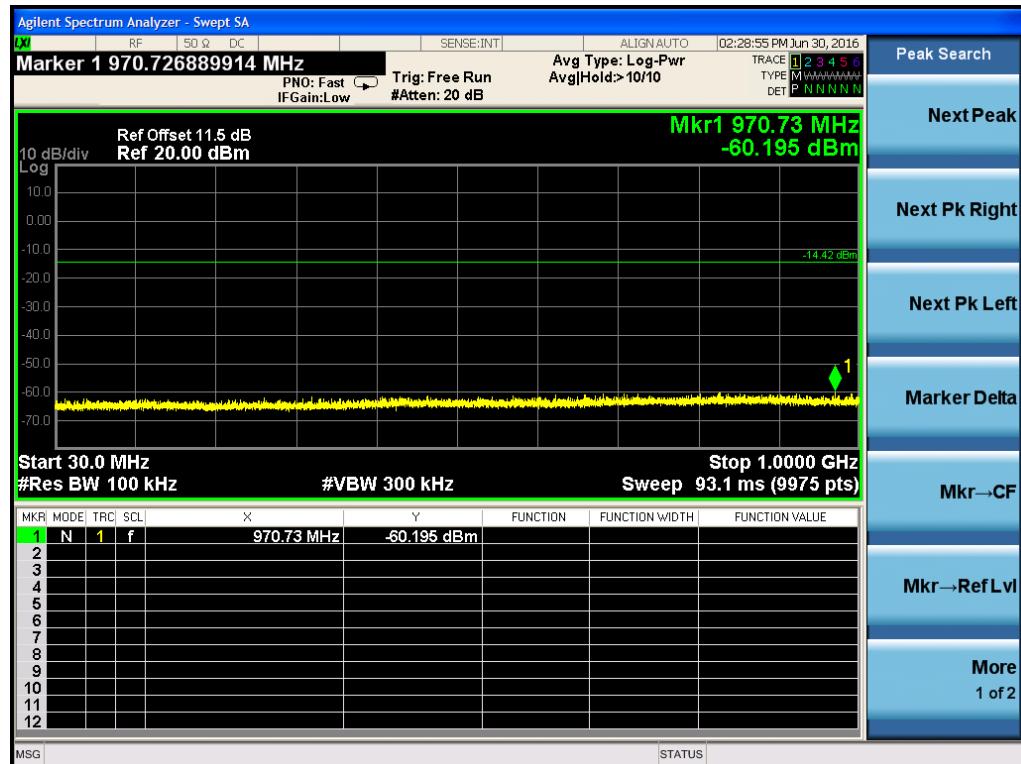
Prüfbericht - Nr.: 50050527 002

Test Report No.

Seite 45 von 181
 Page 45 of 181



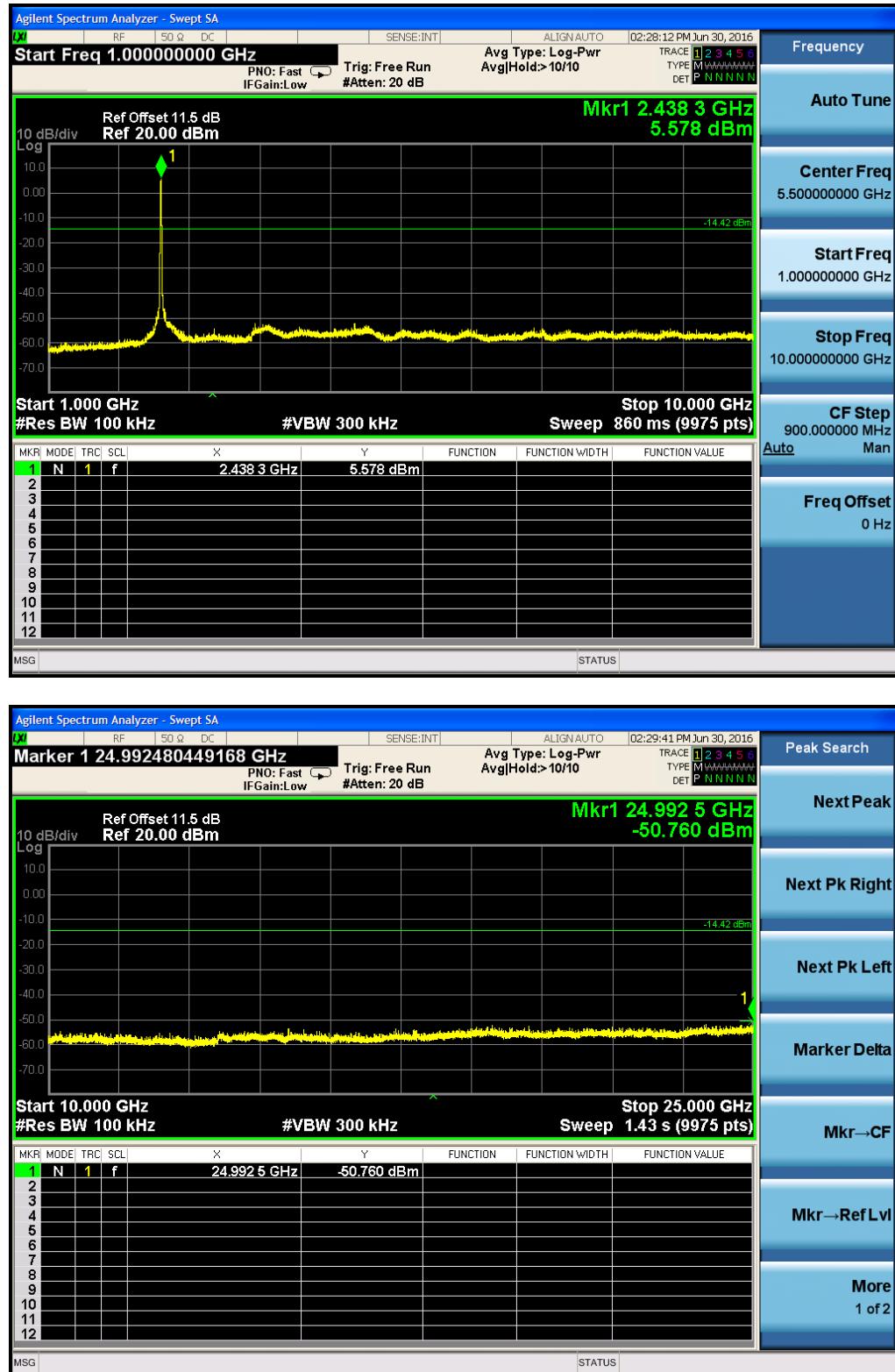
Middle Channel



Prüfbericht - Nr.: 50050527 002

Test Report No.

Seite 46 von 181
 Page 46 of 181

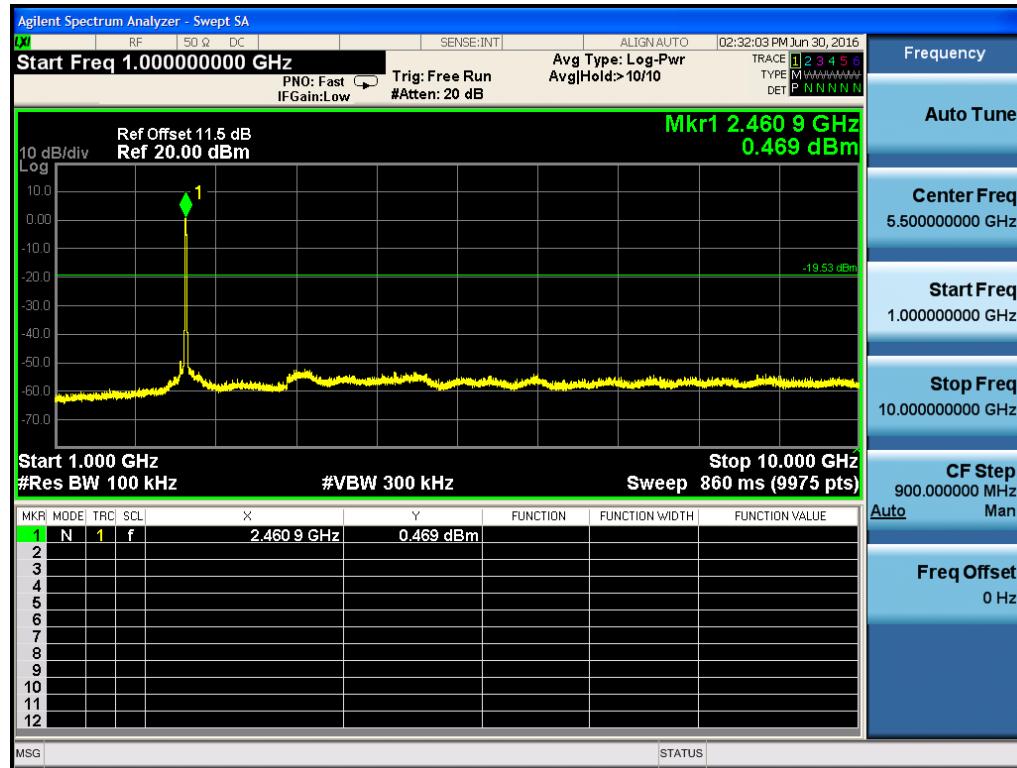
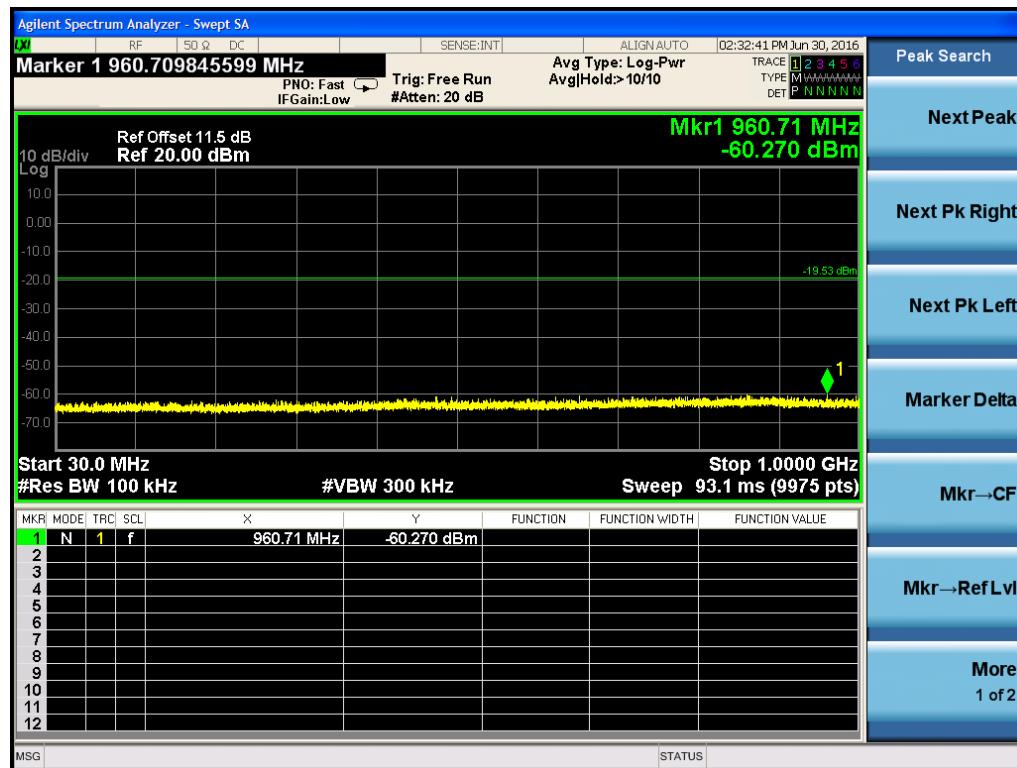


Prüfbericht - Nr.: 50050527 002

Test Report No.

Seite 47 von 181
 Page 47 of 181

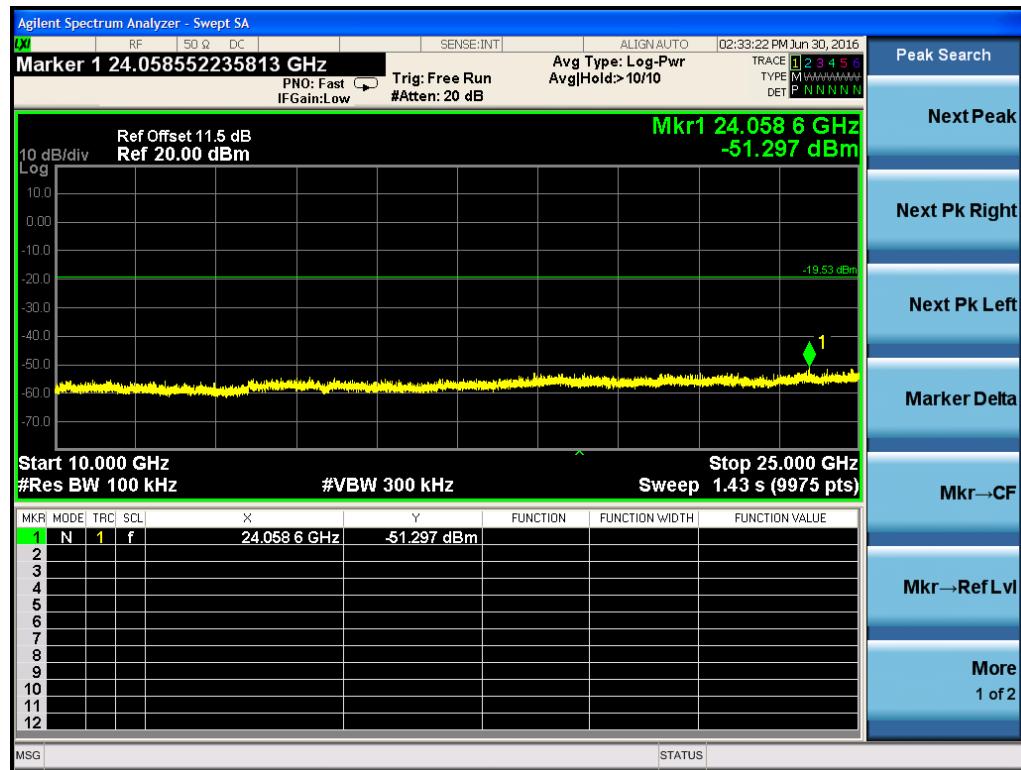
High Channel



Prüfbericht - Nr.: 50050527 002

Test Report No.

Seite 48 von 181
 Page 48 of 181



Prüfbericht - Nr.: 50050527 002

Test Report No.

Seite 49 von 181
 Page 49 of 181

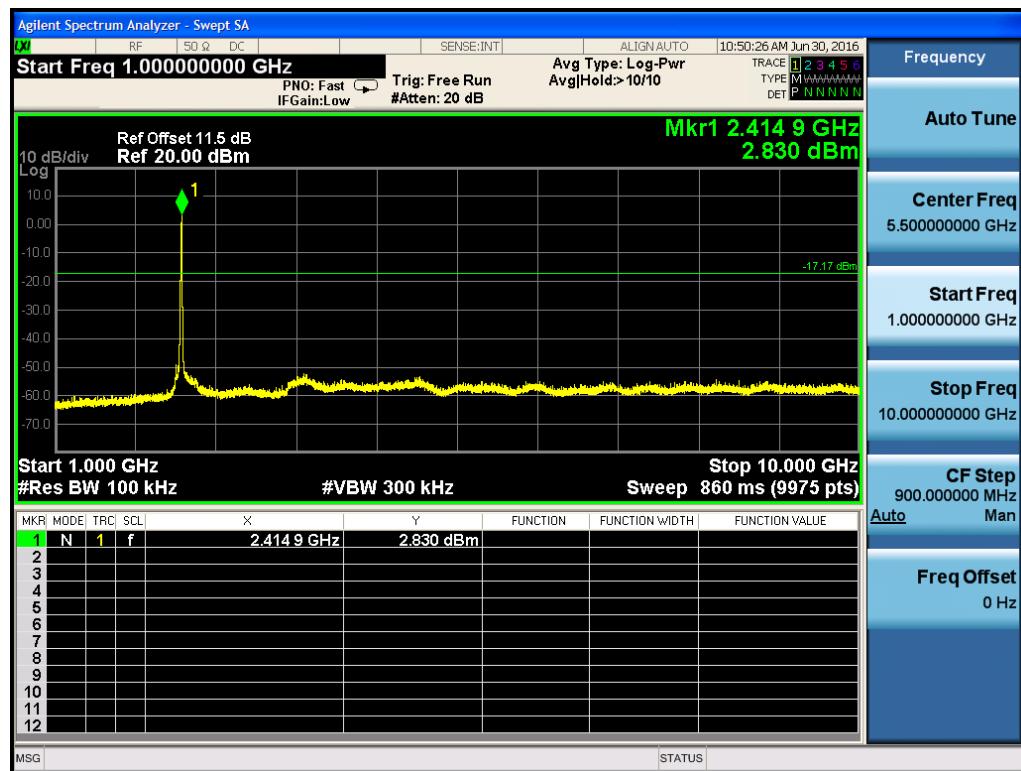
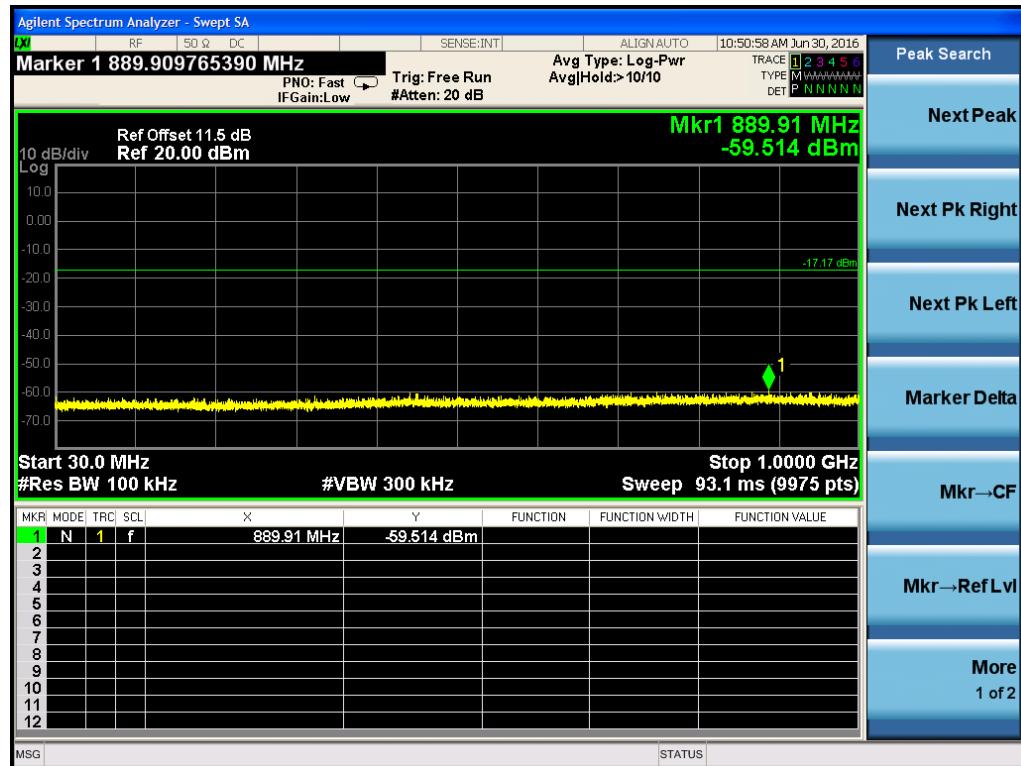
Band Edge



Prüfbericht - Nr.: 50050527 002
Test Report No.

Seite 50 von 181
Page 50 of 181

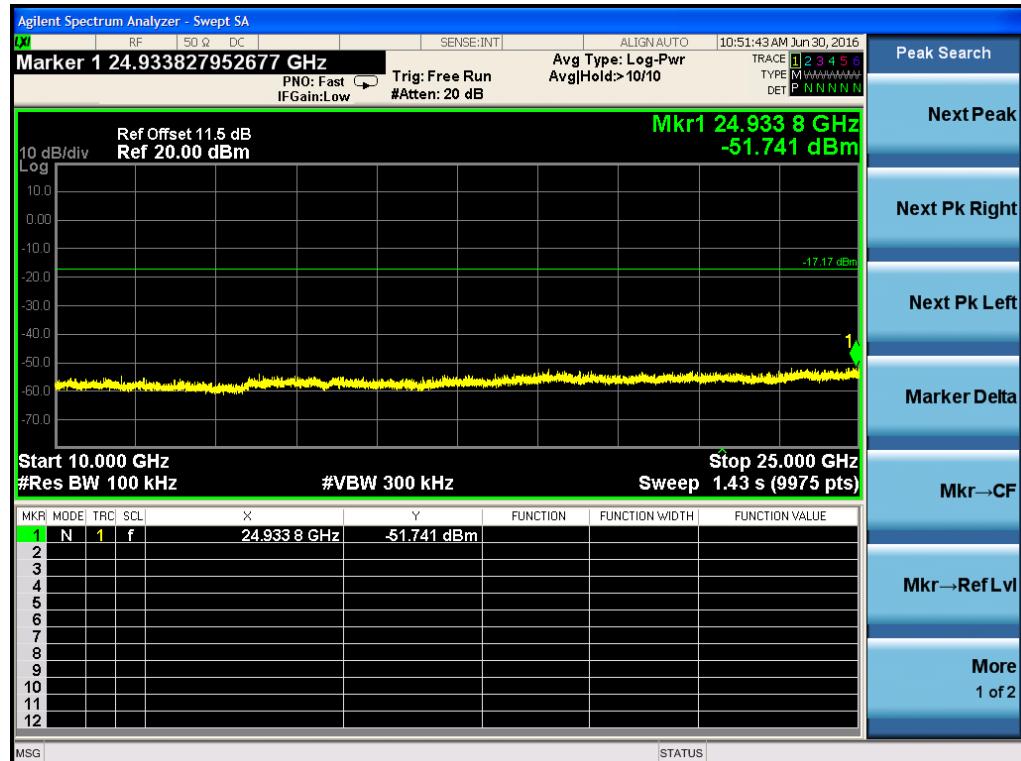
Test Plot of Conducted spurious emissions measured in 100kHz Bandwidth of 802.11n (HT20), ANT 2 Low Channel



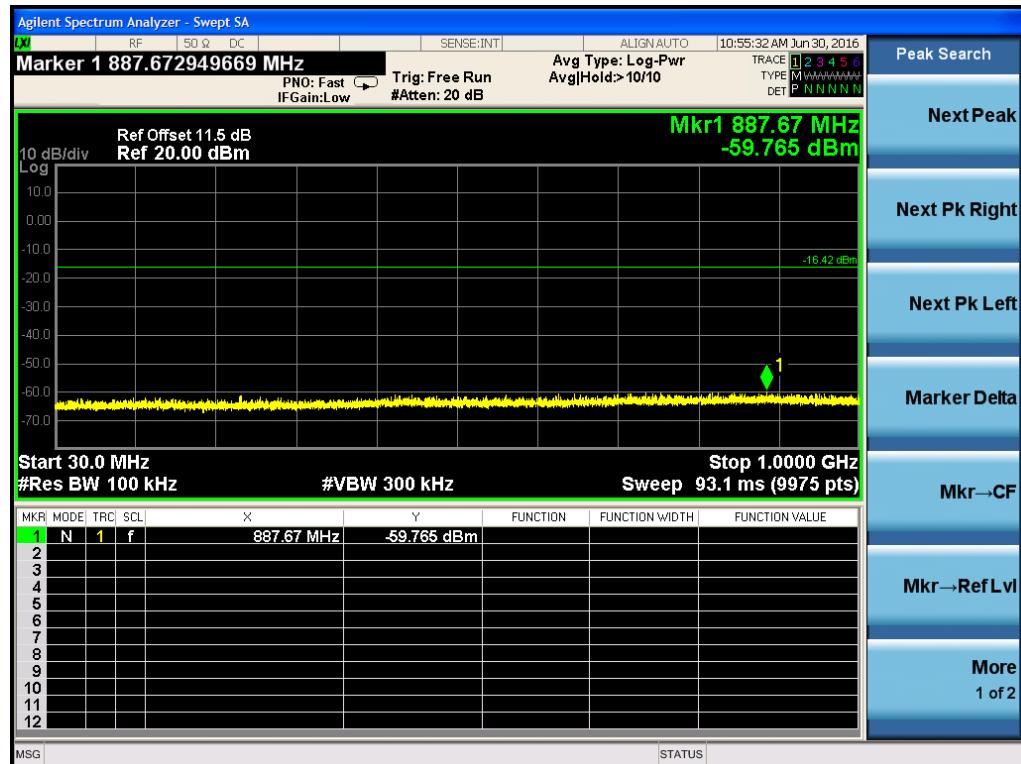
Prüfbericht - Nr.: 50050527 002

Test Report No.

Seite 51 von 181
 Page 51 of 181



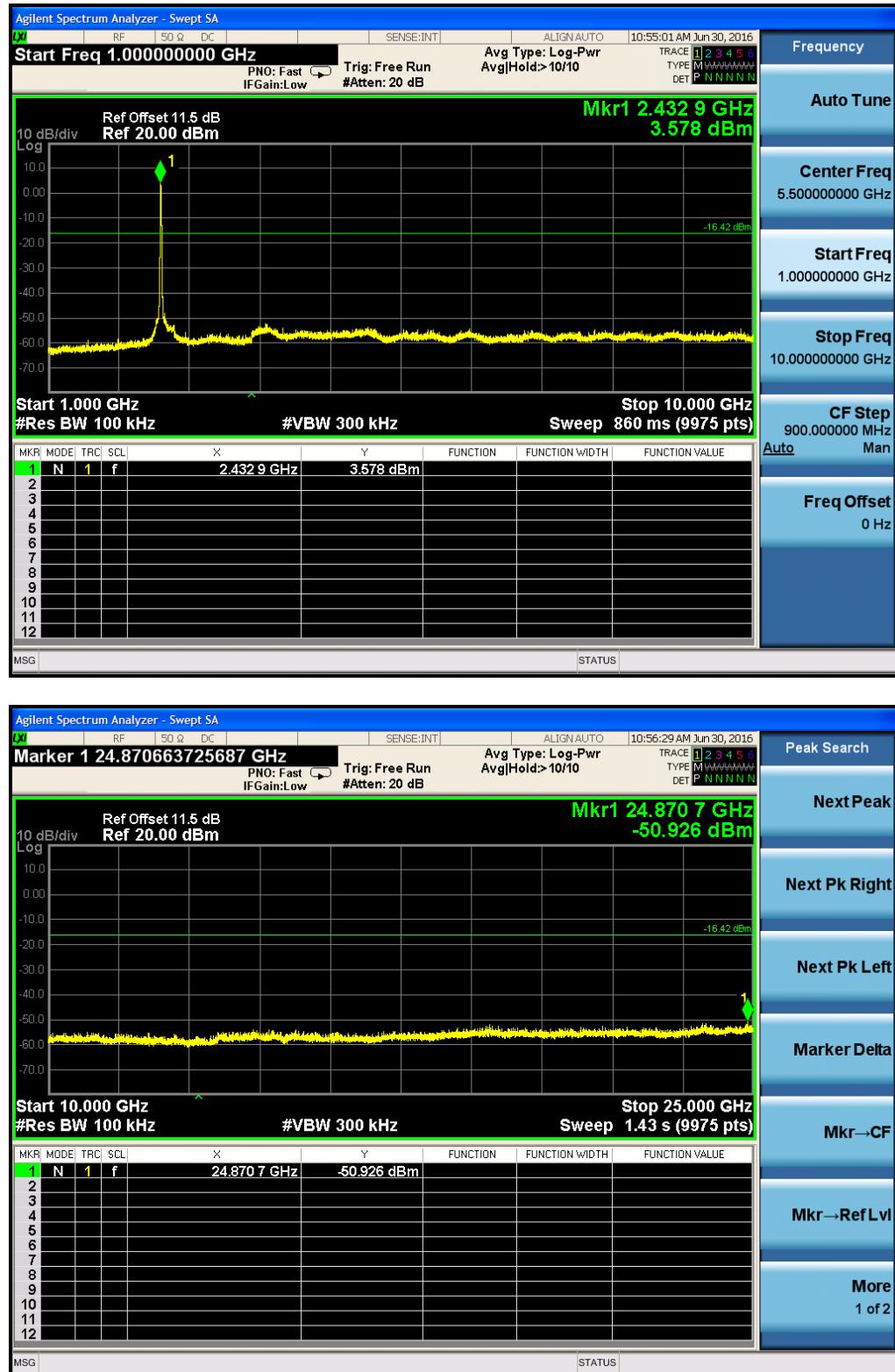
Middle Channel



Prüfbericht - Nr.: 50050527 002

Test Report No.

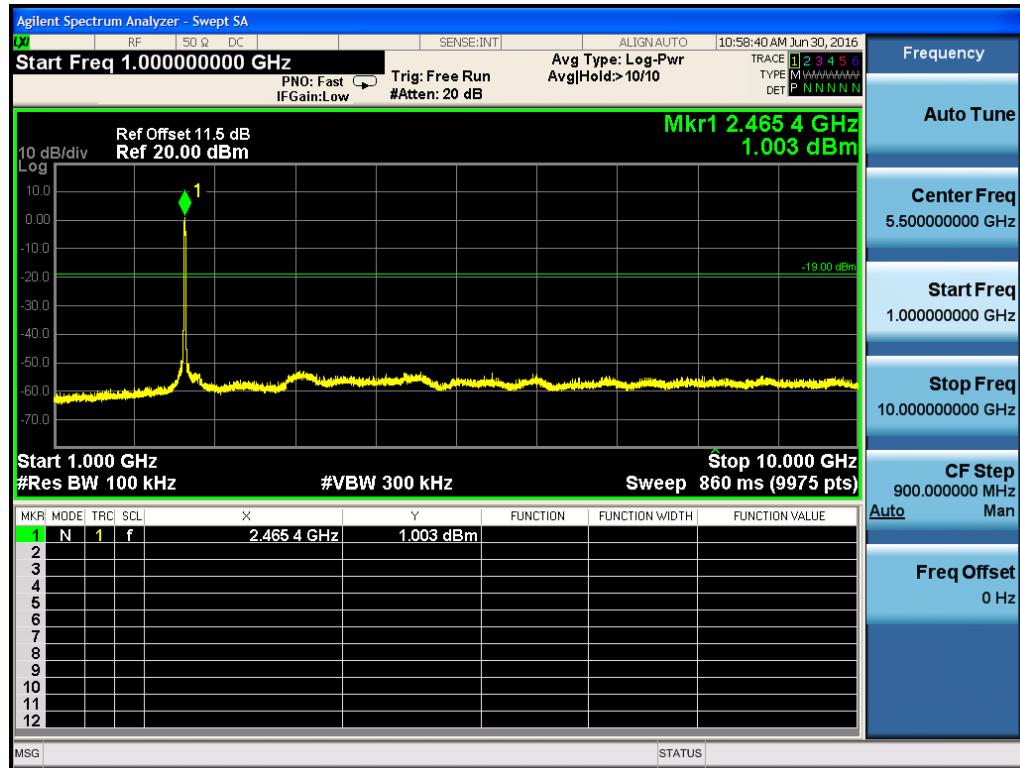
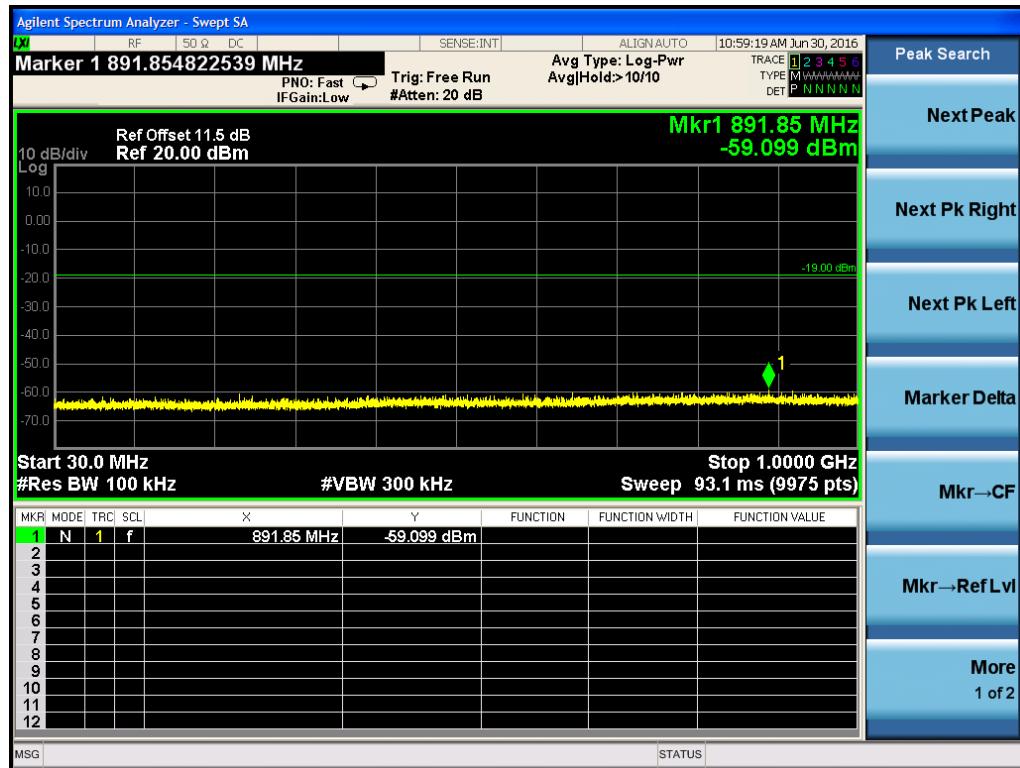
Seite 52 von 181
 Page 52 of 181



Prüfbericht - Nr.: 50050527 002
Test Report No.

Seite 53 von 181
Page 53 of 181

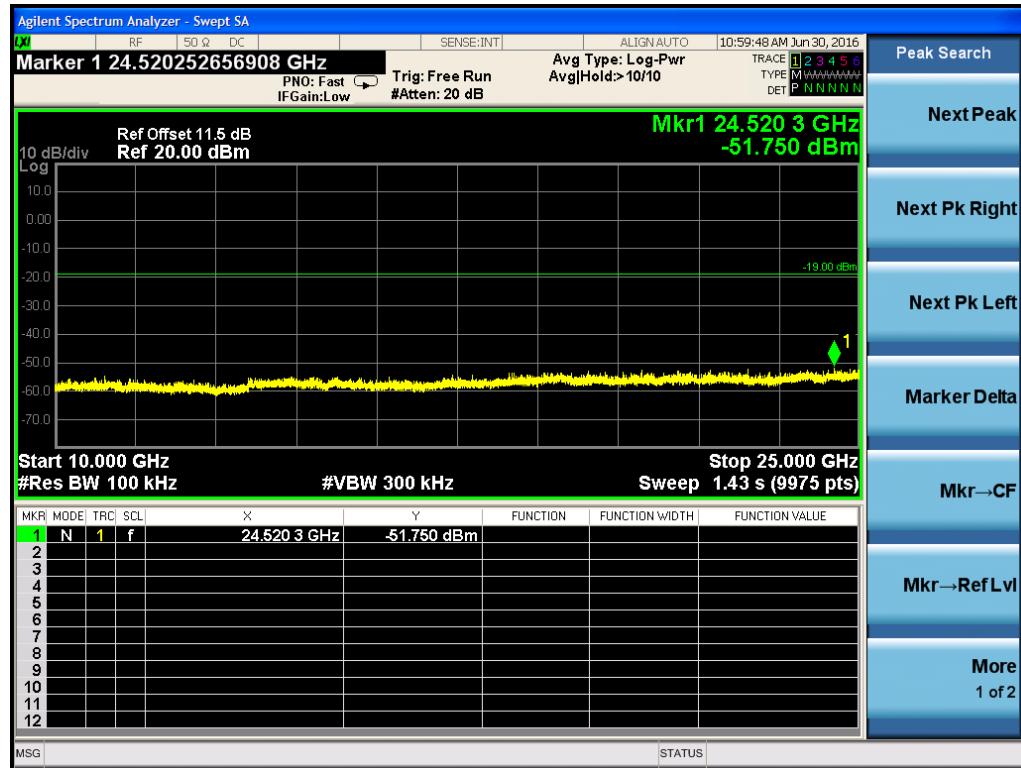
High Channel



Prüfbericht - Nr.: 50050527 002

Test Report No.

Seite 54 von 181
 Page 54 of 181



Prüfbericht - Nr.: 50050527 002

Test Report No.

Seite 55 von 181
 Page 55 of 181

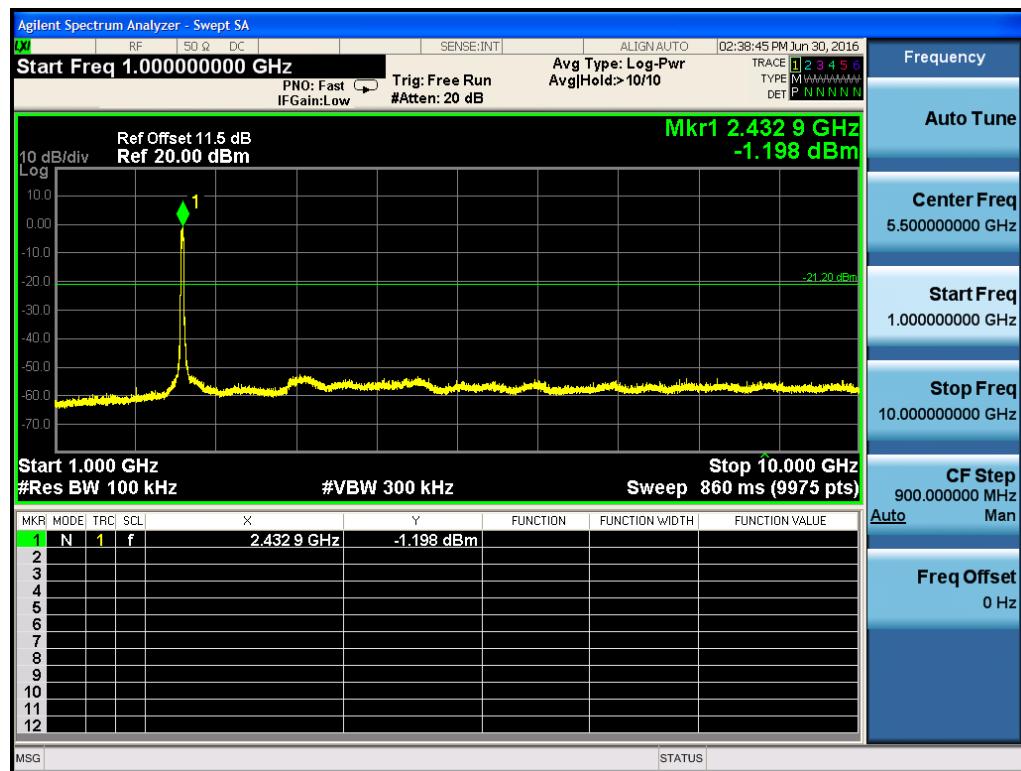
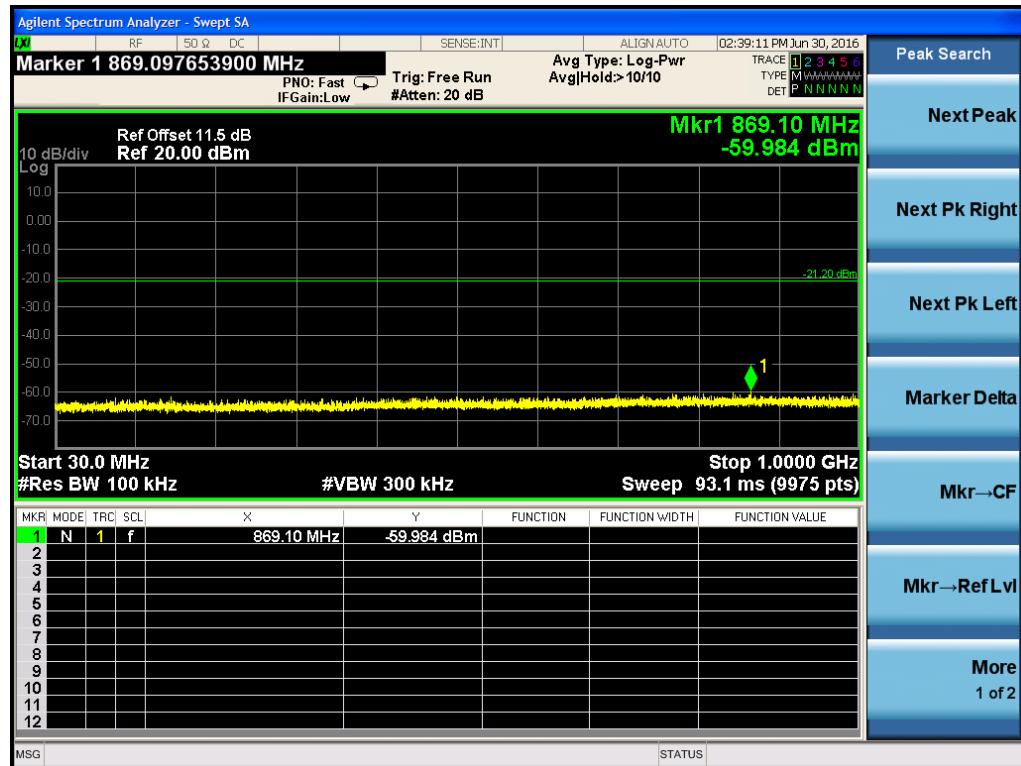
Band Edge



Prüfbericht - Nr.: 50050527 002
Test Report No.

Seite 56 von 181
Page 56 of 181

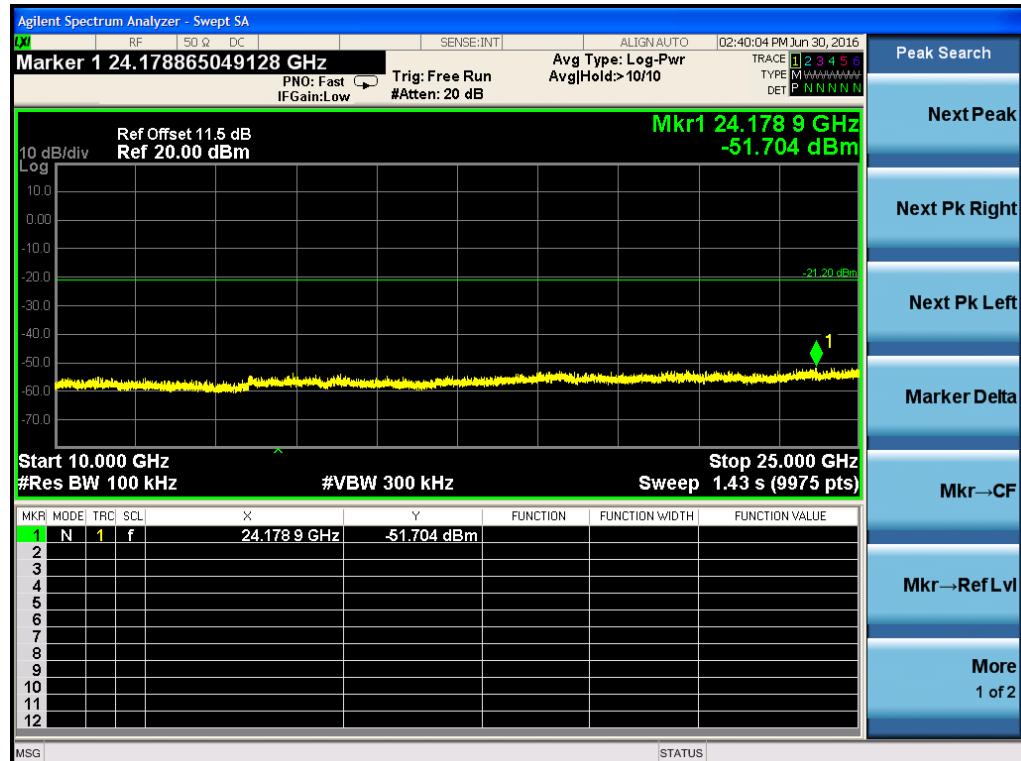
Test Plot of Conducted spurious emissions measured in 100kHz Bandwidth of 802.11n (HT40), ANT 1 Low Channel



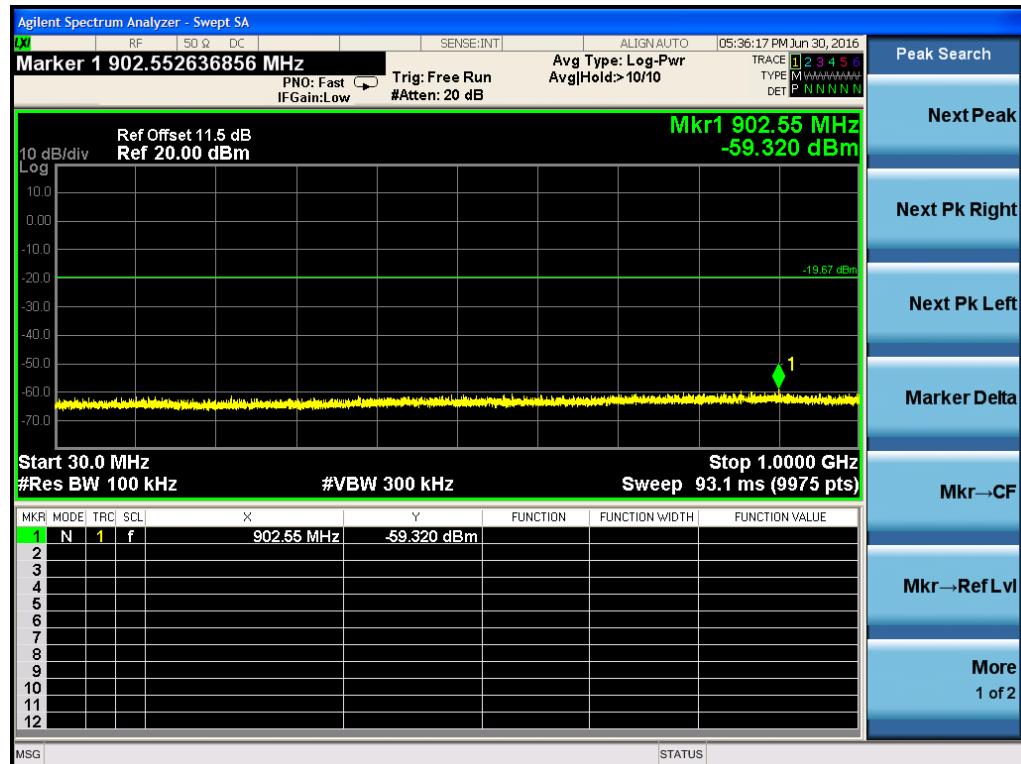
Prüfbericht - Nr.: 50050527 002

Test Report No.

Seite 57 von 181
 Page 57 of 181



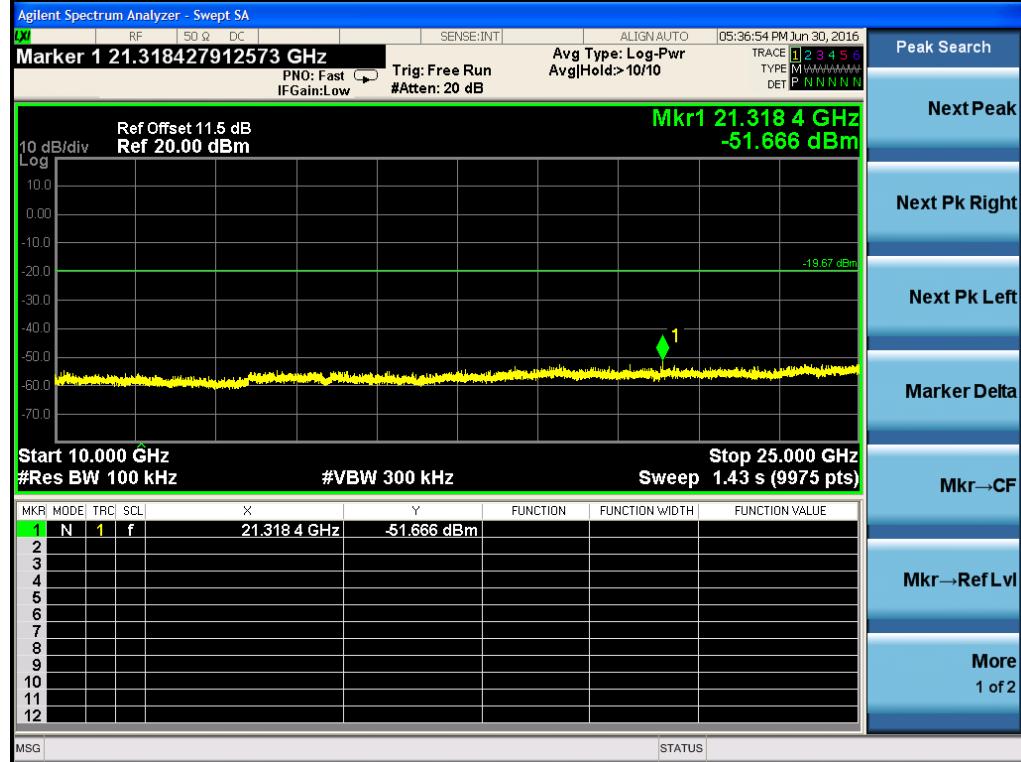
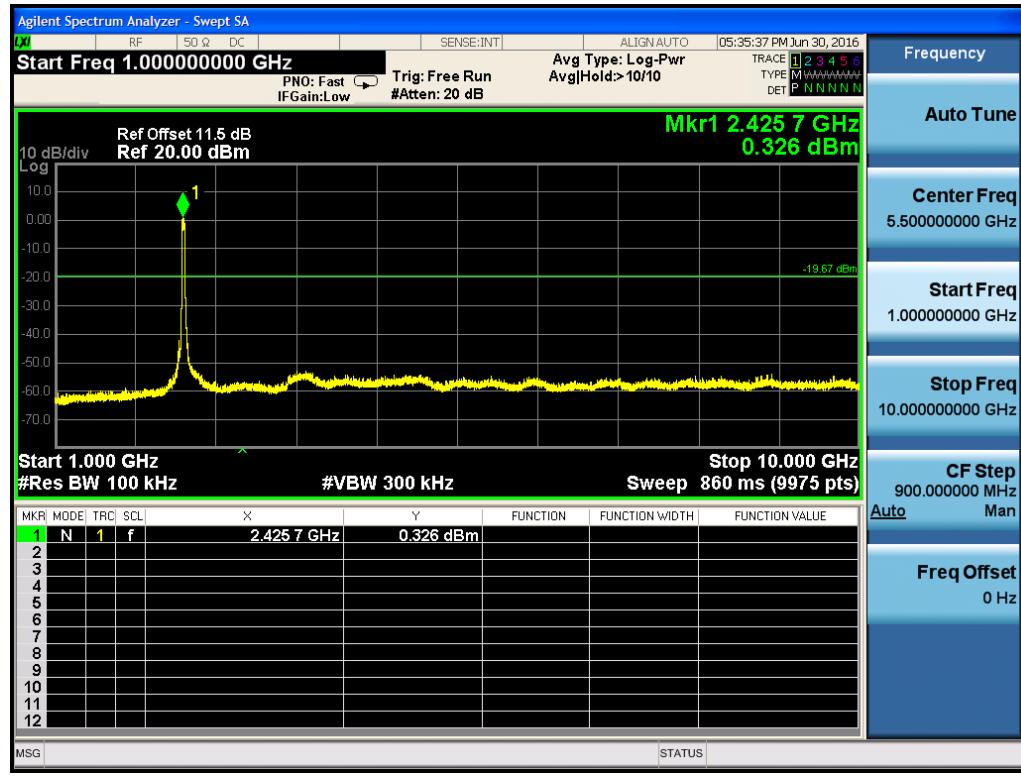
Middle Channel



Prüfbericht - Nr.: 50050527 002

Test Report No.

Seite 58 von 181
 Page 58 of 181

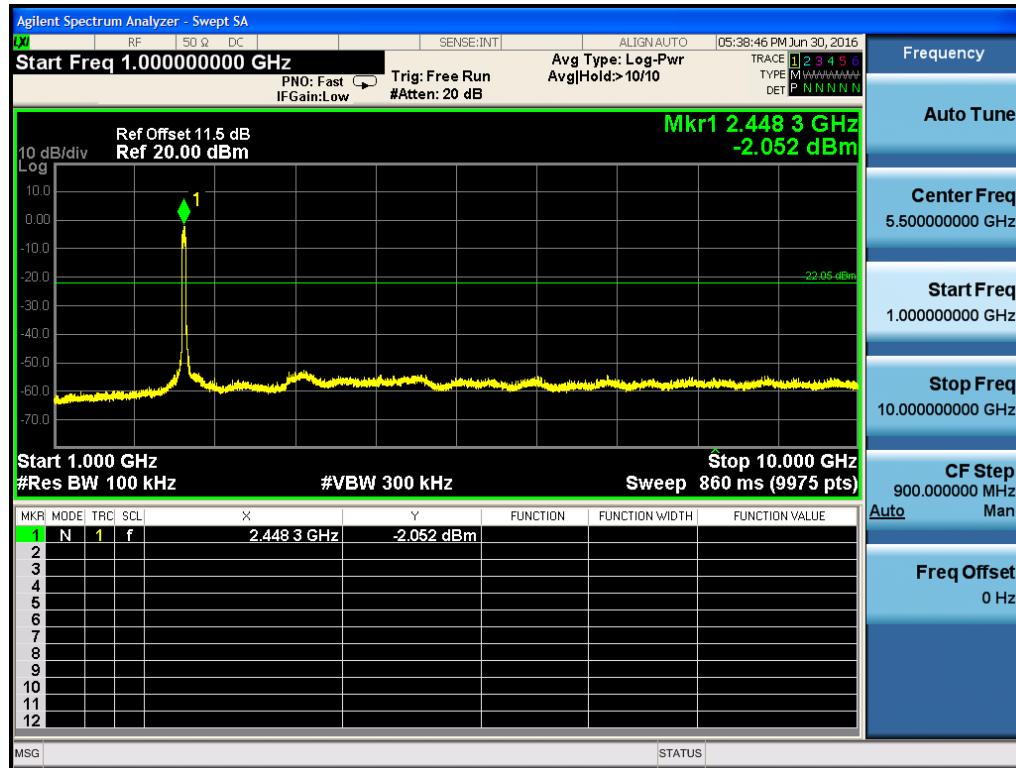
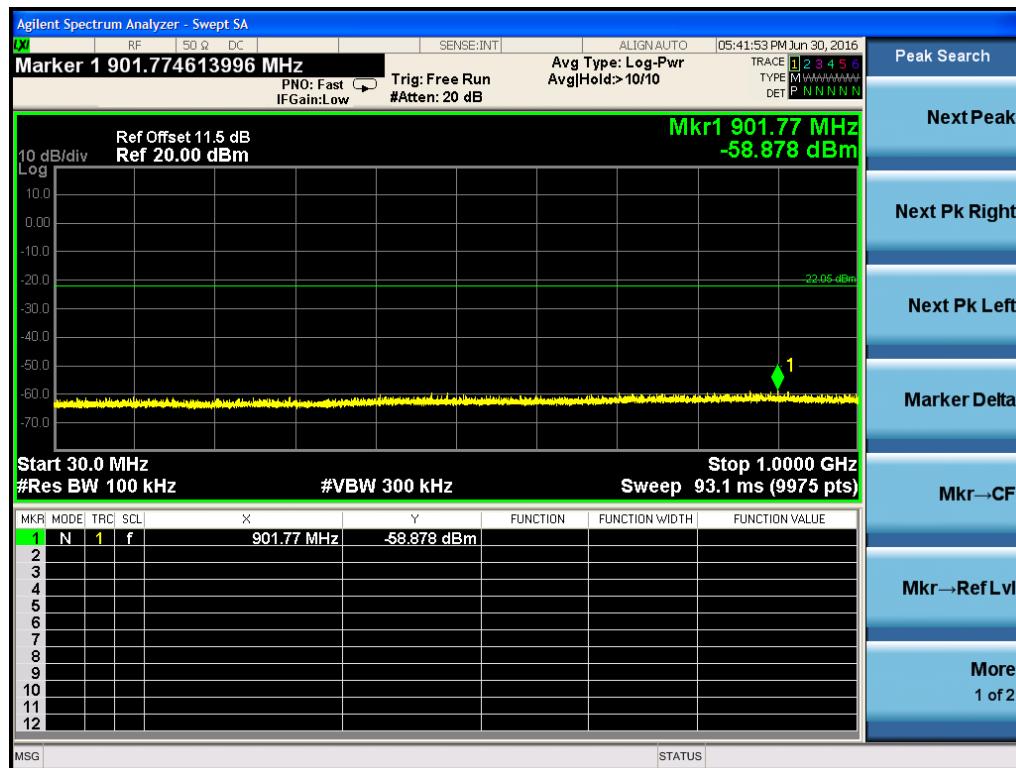


Prüfbericht - Nr.: 50050527 002

Test Report No.

Seite 59 von 181
 Page 59 of 181

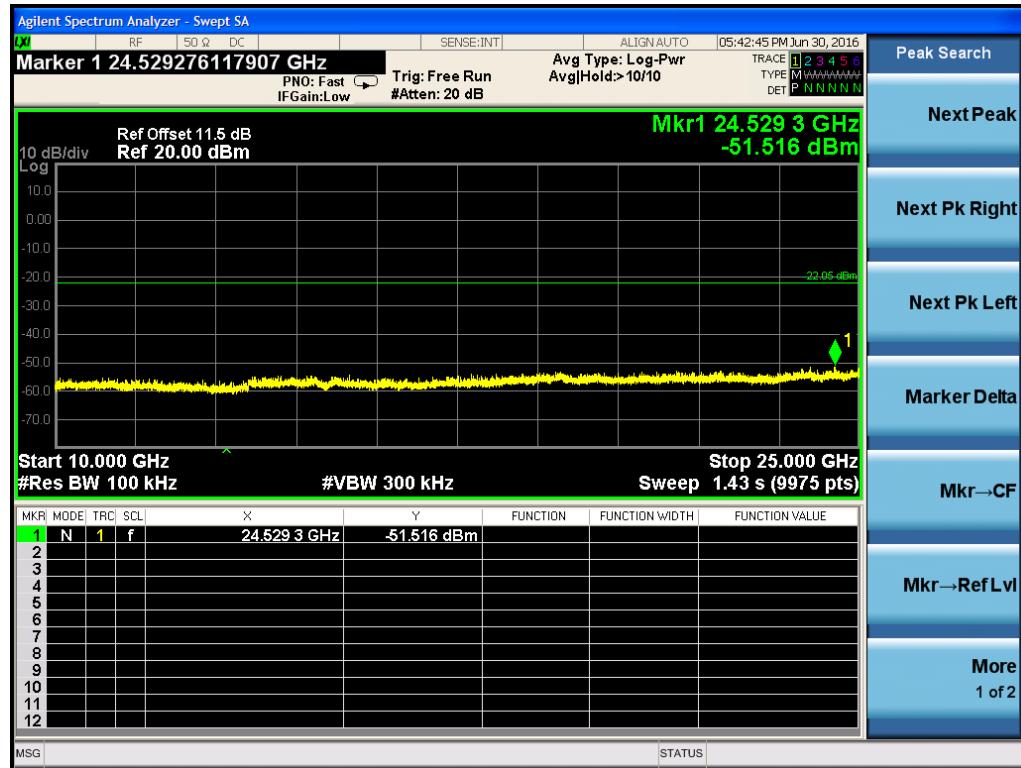
High Channel



Prüfbericht - Nr.: 50050527 002

Test Report No.

Seite 60 von 181
 Page 60 of 181



Prüfbericht - Nr.: 50050527 002

Test Report No.

Seite 61 von 181
 Page 61 of 181

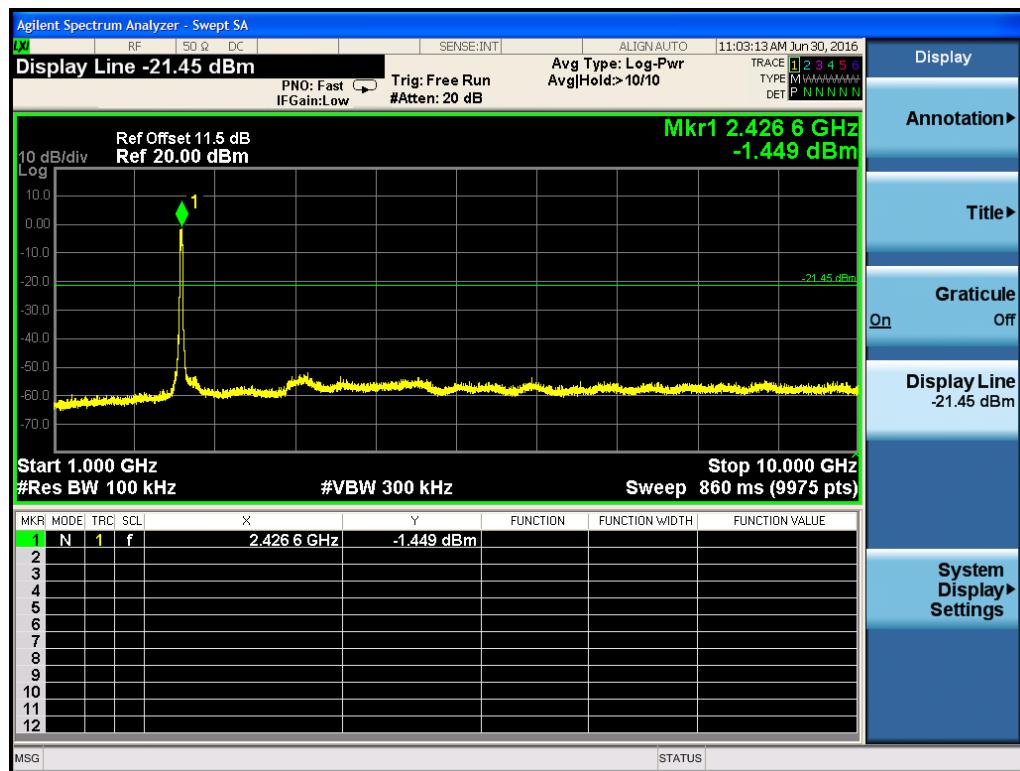
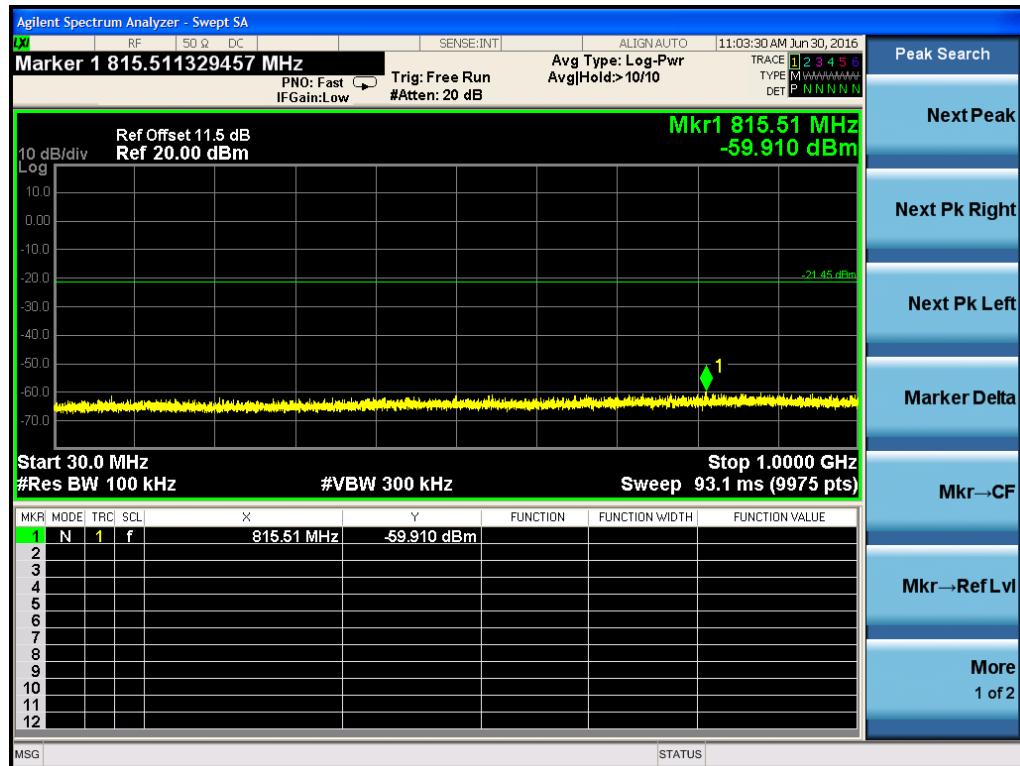
Band Edge



Prüfbericht - Nr.: 50050527 002
Test Report No.

Seite 62 von 181
Page 62 of 181

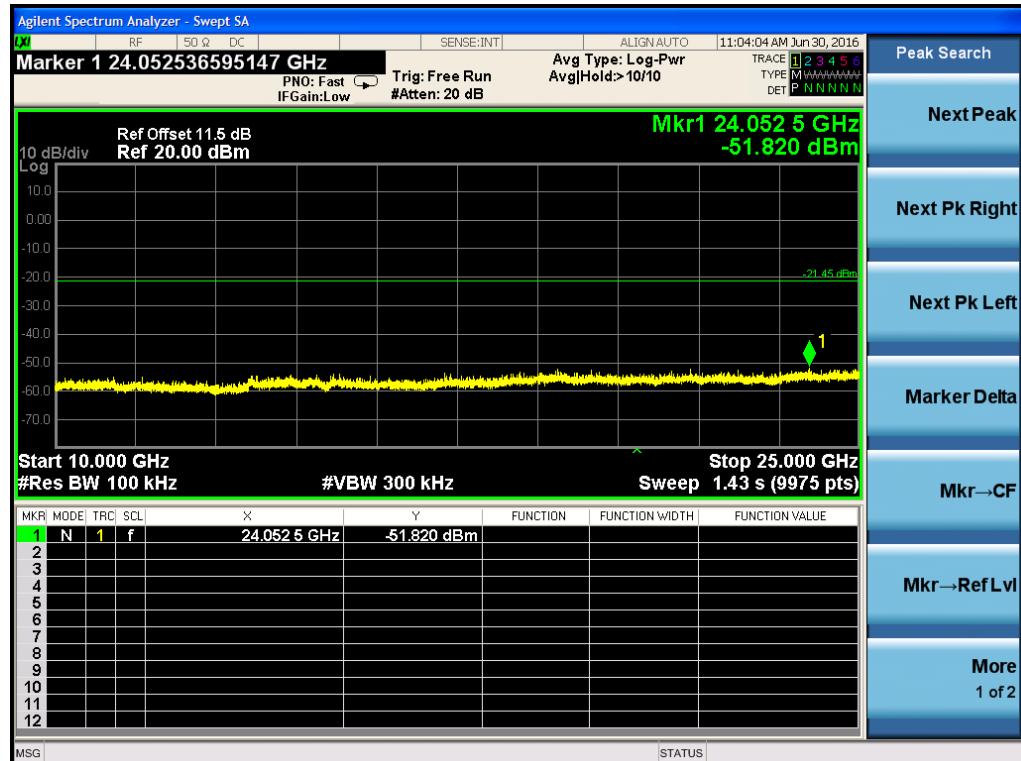
Test Plot of Conducted spurious emissions measured in 100kHz Bandwidth of 802.11n (HT40), ANT 2 Low Channel



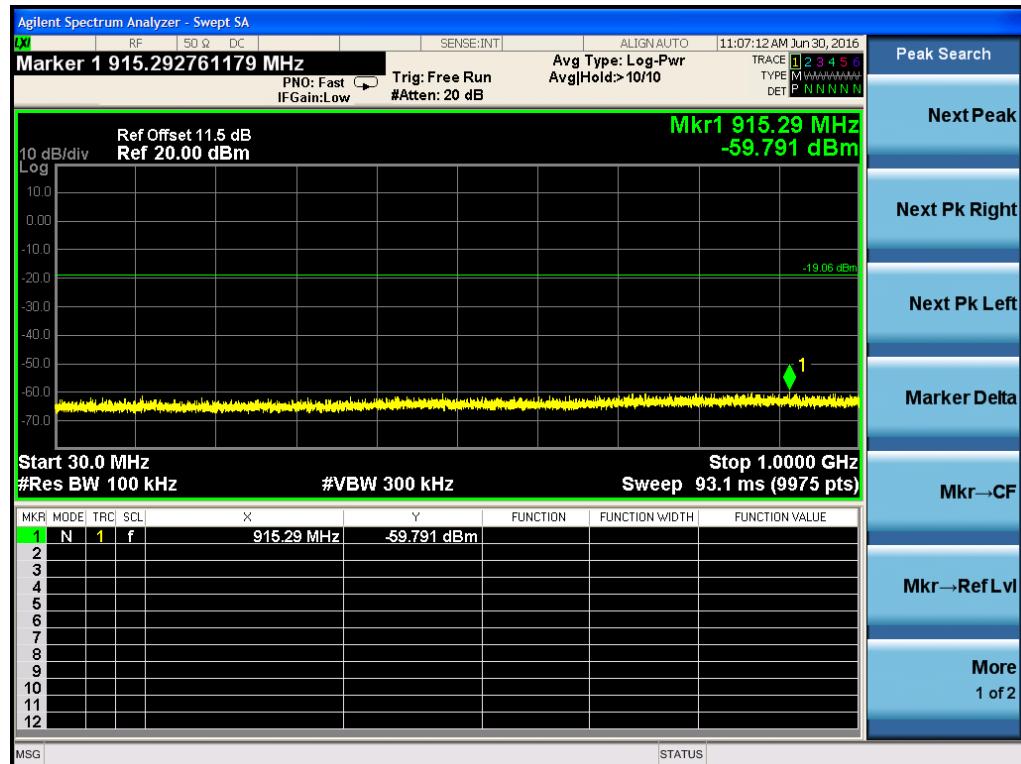
Prüfbericht - Nr.: 50050527 002

Test Report No.

Seite 63 von 181
Page 63 of 181



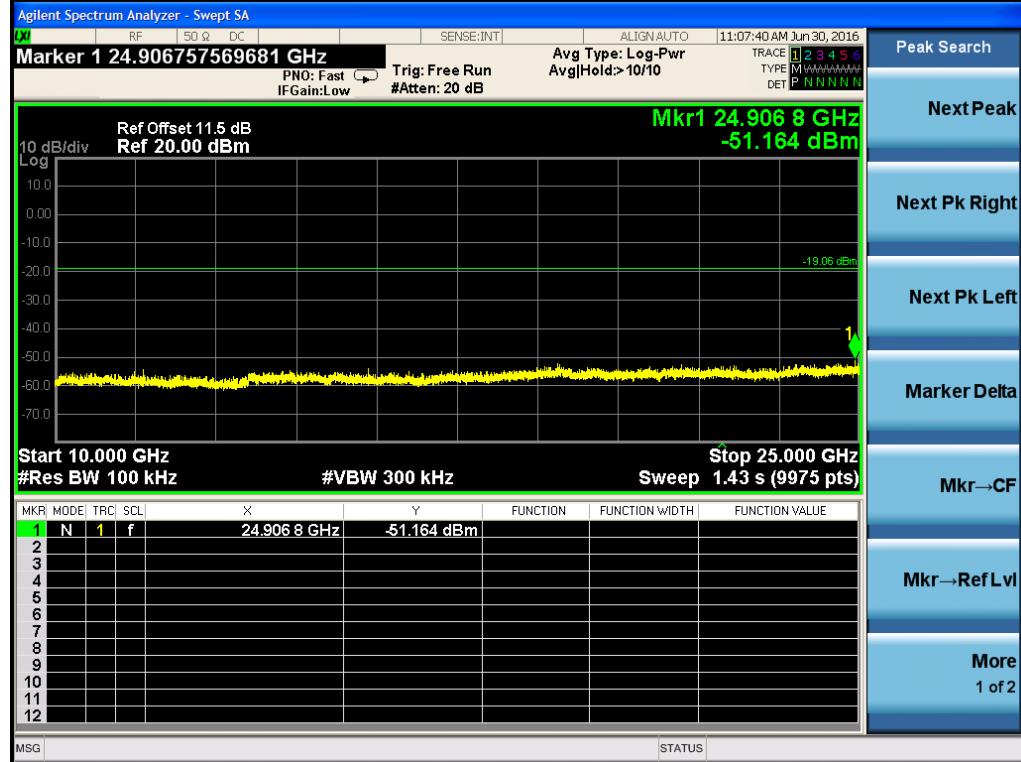
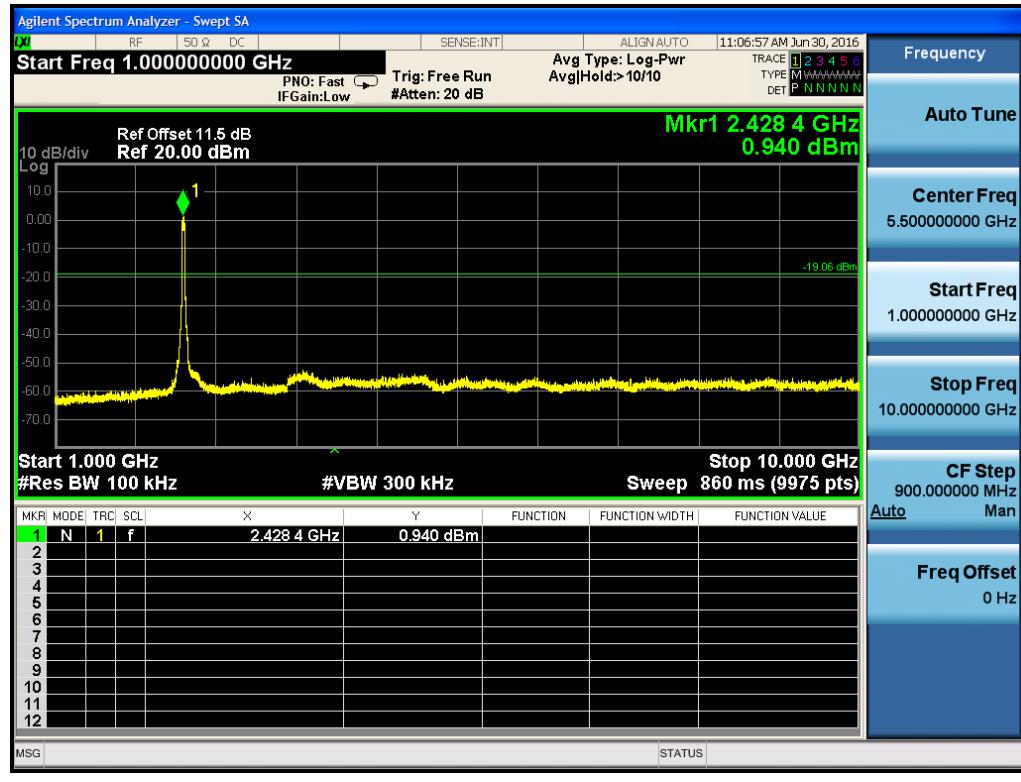
Middle Channel



Prüfbericht - Nr.: 50050527 002

Test Report No.

Seite 64 von 181
 Page 64 of 181

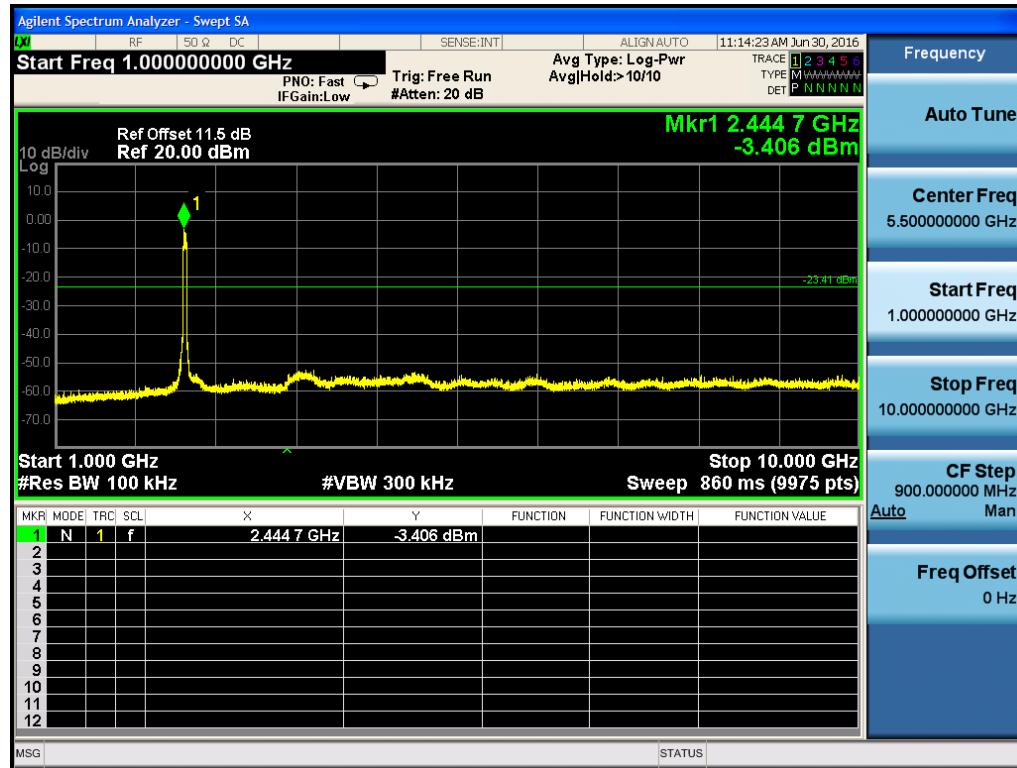
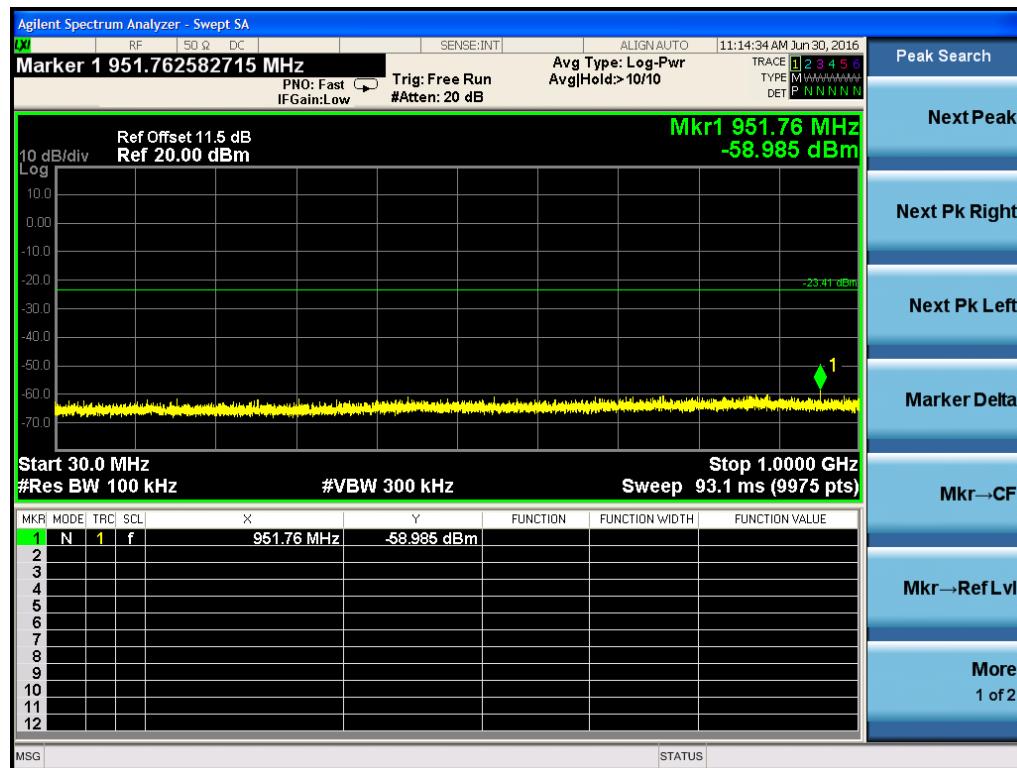


Prüfbericht - Nr.: 50050527 002

Test Report No.

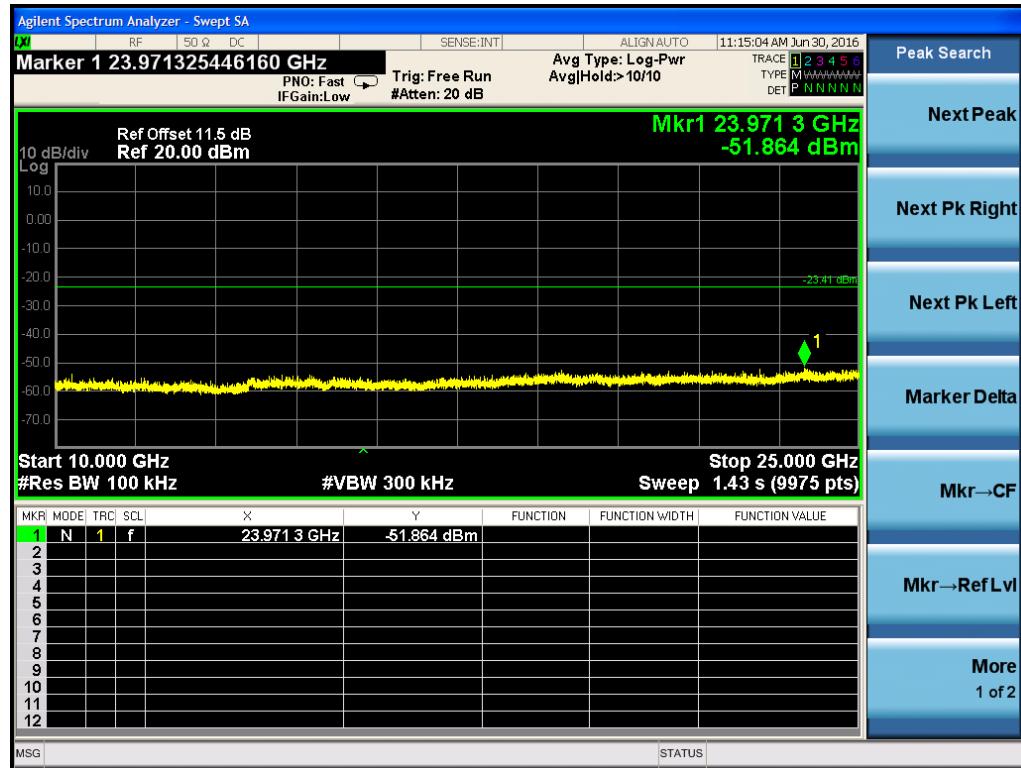
Seite 65 von 181
 Page 65 of 181

High Channel



Prüfbericht - Nr.: 50050527 002
Test Report No.

Seite 66 von 181
Page 66 of 181



Prüfbericht - Nr.: 50050527 002

Test Report No.

Seite 67 von 181
 Page 67 of 181

Band Edge



Prüfbericht - Nr.: 50050527 002
Test Report No.

Seite 68 von 181
Page 68 of 181

5.1.5 Power spectral density

RESULT:

Pass

| | | |
|-------------------|---|---|
| Date of testing | : | 2016-07-01 |
| Test standard | : | FCC part 15.247(e) RSS-247 clause 5.2(2) |
| Basic standard | : | ANSI C63.10: 2013 Clause 10 of KDB 558074 v03r03 |
| Limit | : | 8dBm/3kHz |
| Kind of test site | : | Shield room |

Test setup

| | | |
|----------------------|---|-------------------|
| Test Channel | : | Low/ Middle/ High |
| Operation mode | : | A.1 |
| Ambient temperature | : | 20.4°C |
| Relative humidity | : | 50.3% |
| Atmospheric pressure | : | 101.3kPa |

Table 14: Test result of power spectral density:

| Mode | Channel (MHz) | Result (dBm/3kHz) | | Limit (dBm/3kHz) | Conclusion |
|----------------|---------------|-------------------|---------|---------------------|------------|
| | | ANT 1 | ANT 2 | | |
| 802.11b | 2412 | -8.610 | -8.902 | 8 | Pass |
| | 2437 | -8.758 | -8.311 | 8 | Pass |
| | 2462 | -8.311 | -8.567 | 8 | Pass |
| 802.11g | 2412 | -12.301 | -11.928 | 8 | Pass |
| | 2437 | -8.802 | -10.374 | 8 | Pass |
| | 2462 | -12.453 | -12.858 | 8 | Pass |
| 802.11n (HT20) | 2412 | -11.612 | -10.450 | 8 | Pass |
| | 2437 | -8.136 | -9.068 | 8 | Pass |
| | 2462 | -13.961 | -12.150 | 8 | Pass |
| 802.11n (HT40) | 2422 | -15.406 | -15.539 | 8 | Pass |
| | 2437 | -12.185 | -13.013 | 8 | Pass |
| | 2452 | -16.149 | -16.945 | 8 | Pass |

5.1.6 Spurious Emission

RESULT:**Pass**

| | | |
|-------------------|---|---|
| Date of testing | : | 2016-07-07 |
| Test standard | : | FCC part 15.247(d) RSS-210 clause 3.3 |
| Basic standard | : | ANSI C63.10: 2013 Clause 11 of KDB 558074 v03r03 |
| Limits | : | FCC part 15.209(a) |
| Kind of test site | : | 3m Semi-Anechoic Chamber & Anechoic Chamber |

Test setup

| | | |
|----------------------|---|-------------------|
| Test Channel | : | Low/ Middle/ High |
| Operation mode | : | A.1 |
| Ambient temperature | : | 21.3°C |
| Relative humidity | : | 60% |
| Atmospheric pressure | : | 101kPa |

The frequency range of testing is 30MHz to 40GHz, and no any emissions were found from 18GHz to 40GHz, hence the radiated emission from 18GHz to 40GHz were not recorded, and for frequency range 30 to 1000MHz, only the worst case of 802.11b 2437MHz were recorded.

Testing was carried out on the antenna which with the higher output power.

For details refer to following test plot.

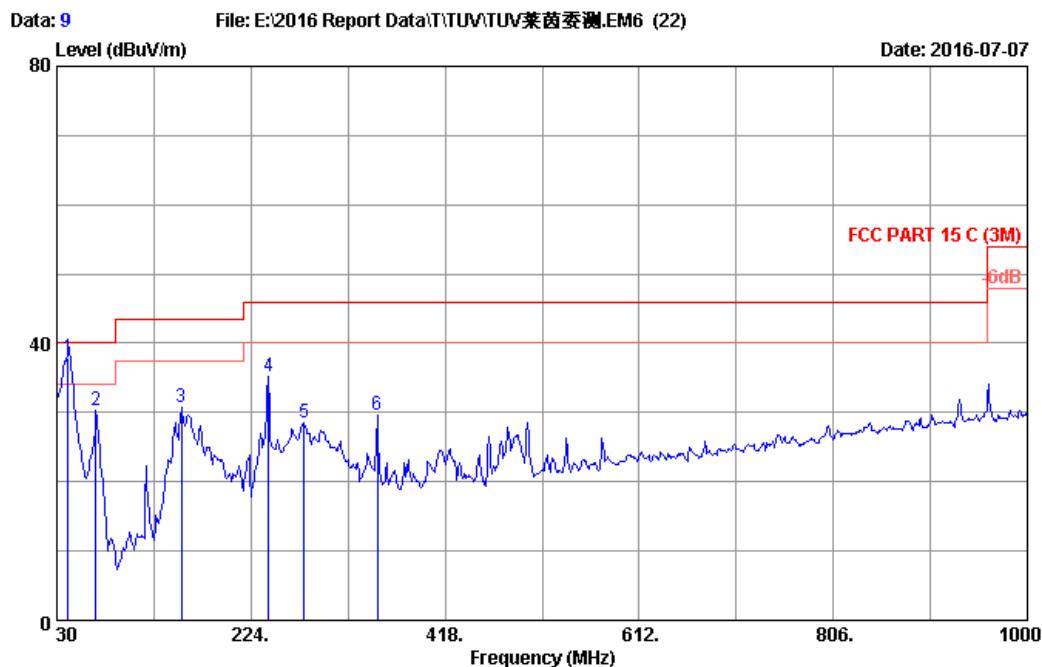
Prüfbericht - Nr.: 50050527 002

Test Report No.

Seite 70 von 181
Page 70 of 181



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Postcode:518057



Site no. : 3m Chamber Data no. : 9
Dis. / Ant. : 3m 2016 9168-493 Ant. pol. : HORIZONTAL
Limit : FCC PART 15 C (3M)
Env. / Ins. : 21.3°C/60% Engineer : Frank
EUT : 11.6''windows tablet M/N:NS-P11W7100
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : TX Mode

| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Emission | | | |
|-----|----------------|--------------------------|-----------------------|-------------------|-------------------|--------------------|----------------|--------|
| | | | | | Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark |
| 1 | 41.343 | 13.91 | 0.79 | 23.29 | 37.99 | 40.00 | 2.01 | QP |
| 2 | 68.800 | 12.93 | 0.99 | 44.60 | 30.21 | 40.00 | 9.79 | QP |
| 3 | 154.160 | 13.36 | 1.62 | 43.79 | 30.76 | 43.50 | 12.74 | QP |
| 4 | 241.460 | 12.35 | 2.13 | 48.48 | 35.31 | 46.00 | 10.69 | QP |
| 5 | 277.350 | 13.49 | 2.27 | 40.36 | 28.62 | 46.00 | 17.38 | QP |
| 6 | 350.100 | 15.21 | 2.64 | 39.37 | 29.61 | 46.00 | 16.39 | QP |

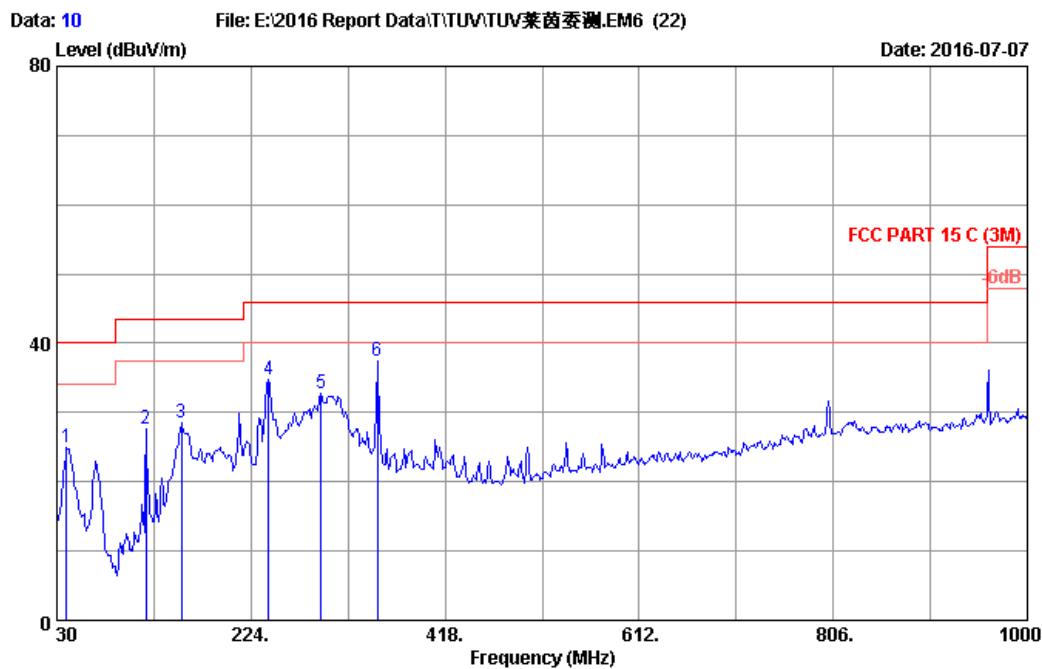
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

Prüfbericht - Nr.: **50050527 002**
Test Report No.

Seite 71 von 181
Page 71 of 181



No.6 Ke Feng Road, Block 52,
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Site no. : 3m Chamber Data no. : 10
Dis. / Ant. : 3m 2016 9168-493 Ant. pol. : HORIZONTAL
Limit : FCC PART 15 C (3M)
Env. / Ins. : 21.3°C/60% Engineer : Frank
EUT : 11.6'' windows tablet M/N: NS-P11W7100
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : TX Mode

| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Emission | | | |
|-----|----------------|--------------------------|-----------------------|-------------------|-------------------|--------------------|----------------|--------|
| | | | | | Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark |
| 1 | 39.700 | 13.80 | 0.77 | 10.31 | 24.88 | 40.00 | 15.12 | QP |
| 2 | 119.240 | 11.00 | 1.36 | 15.27 | 27.63 | 43.50 | 15.87 | QP |
| 3 | 154.160 | 13.36 | 1.62 | 13.52 | 28.50 | 43.50 | 15.00 | QP |
| 4 | 241.460 | 12.35 | 2.13 | 20.26 | 34.74 | 46.00 | 11.26 | QP |
| 5 | 293.840 | 13.88 | 2.34 | 16.44 | 32.66 | 46.00 | 13.34 | QP |
| 6 | 350.100 | 15.21 | 2.64 | 19.63 | 37.48 | 46.00 | 8.52 | QP |

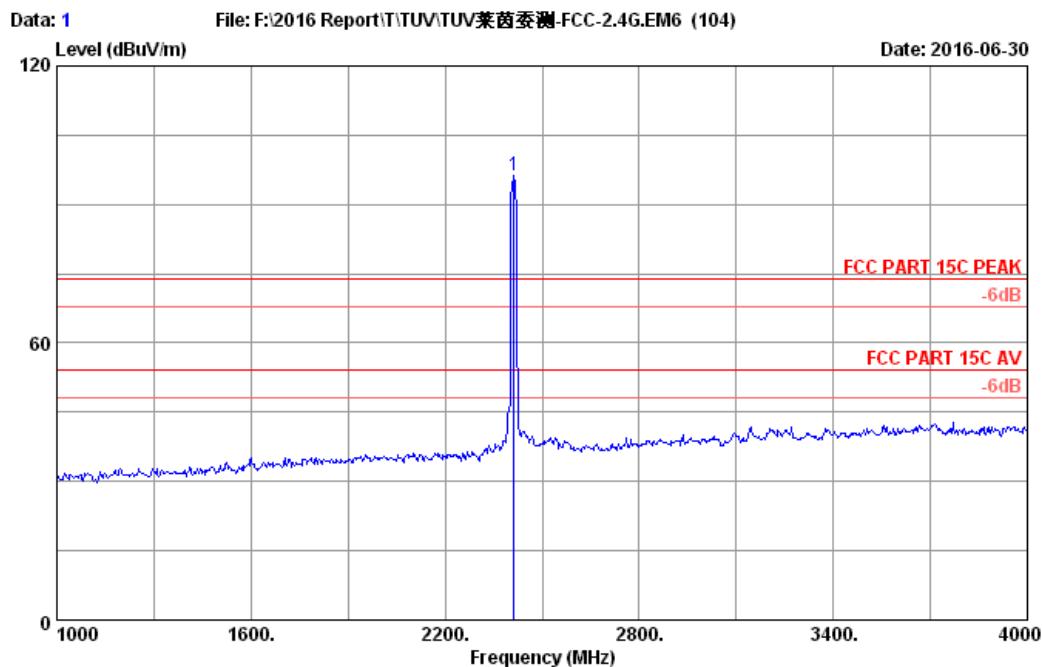
Remarks: 1. Emission Level = Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

Prüfbericht - Nr.: **50050527 002**
Test Report No.

Seite 72 von 181
Page 72 of 181



No.6 Ke Feng Road, Block 52,
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Tel: +86-755-26639495-7
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Site no. : 3m Chamber Data no. : 1
Dis. / Ant. : 3m 2015 3115-4877 Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23.5°C/52.4%
Engineer : zack_zhu
EUT : 11.6'' windows tablet
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11b 2412MHz Tx Mode
M/N: NS-P11W7100

| No. | Freq. (MHz) | Ant. (dB/m) | Cable Loss (dB) | AMP factor (dB) | Emission | | | |
|-----|----------------|----------------|-----------------------|-----------------------|-------------------|-------------------|--------------------|----------------|
| | | | | | Reading (dBuV) | Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) |
| 1 | 2412.000 | 28.29 | 8.35 | 36.39 | 96.13 | 96.38 | 74.00 | -22.38 Peak |

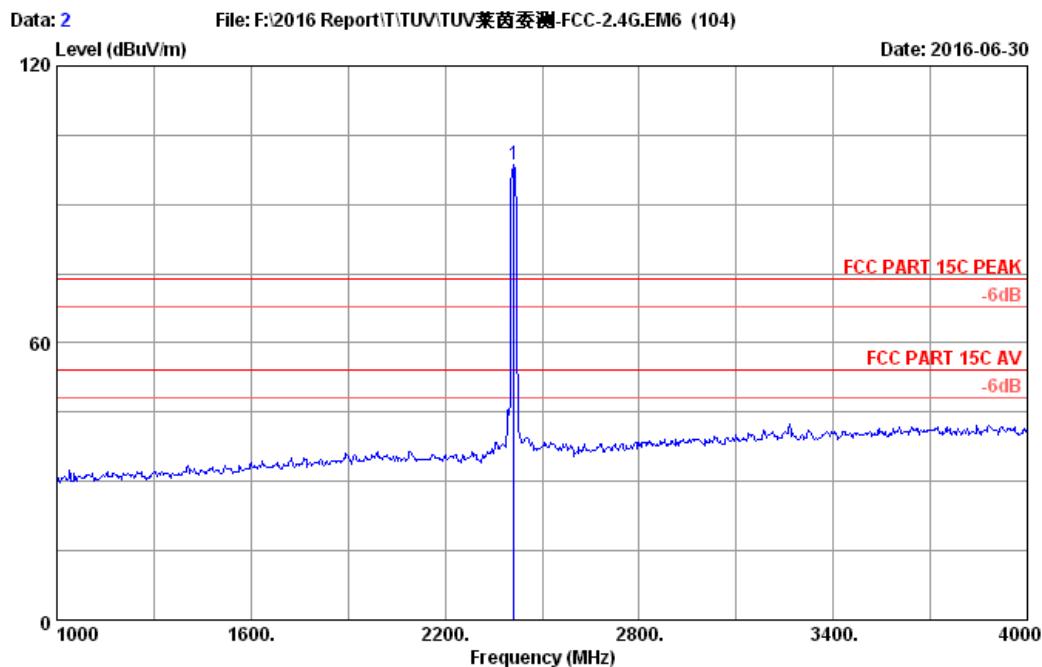
Remarks: 1. Emission Level = Antenna Factor + Cable Loss + Reading
-Amp Factor
2. The emission levels that are 20dB below the official
limit are not reported.

Prüfbericht - Nr.: **50050527 002**
Test Report No.

Seite 73 von 181
Page 73 of 181



No.6 Ke Feng Road, Block 52,
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Tel: +86-755-26639495-7
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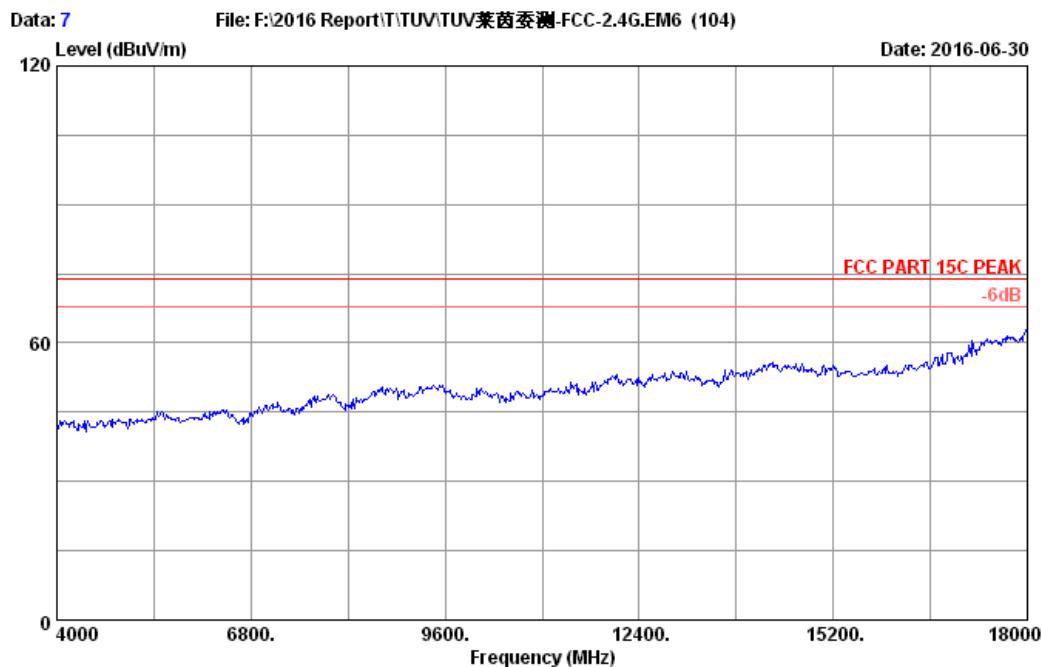
Site no. : 3m Chamber Data no. : 2
Dis. / Ant. : 3m 2015 3115-4877 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23.5°C/52.4%
Engineer : zack_zhu
EUT : 11.6'' windows tablet
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11b 2412MHz Tx Mode
M/N: NS-P11W7100

| No. | Freq. (MHz) | Ant. (dB/m) | Cable Factor (dB) | AMP factor (dB) | Emission | | | |
|-----|----------------|----------------|-------------------------|-----------------------|-------------------|-------------------|--------------------|----------------|
| | | | | | Reading (dBuV) | Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) |
| 1 | 2412.000 | 28.29 | 8.35 | 36.39 | 98.26 | 98.51 | 74.00 | -24.51 Peak |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
-Amp Factor
2. The emission levels that are 20dB below the official
limit are not reported.

Prüfbericht - Nr.: **50050527 002**
Test Report No.Seite 74 von 181
Page 74 of 181

No.6 Ke Feng Road, Block 52,
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Tel: +86-755-26639495-7
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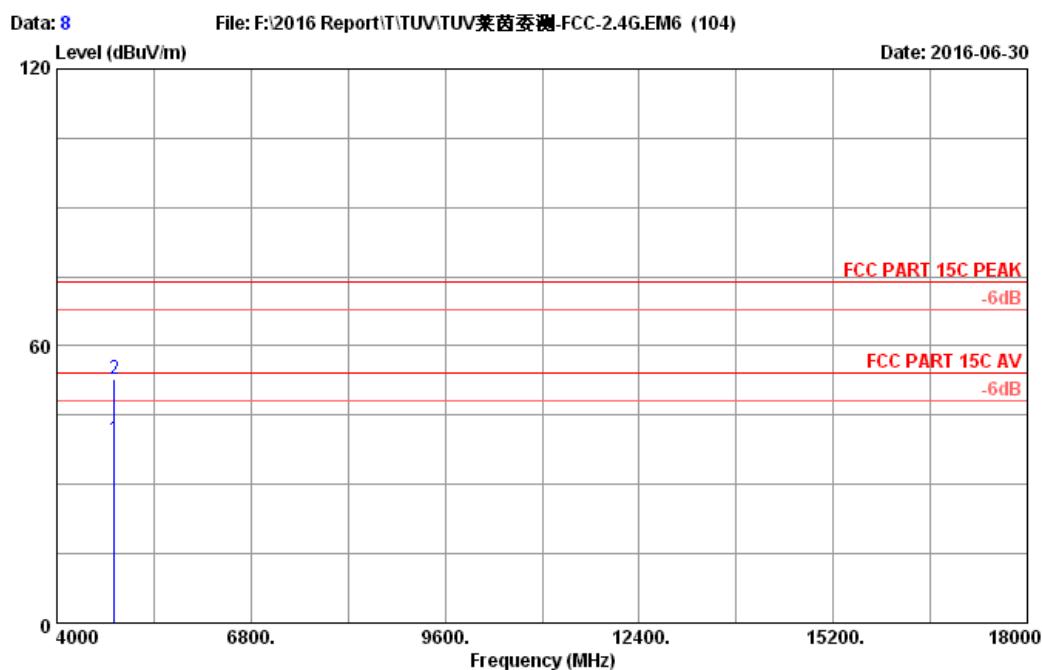
| | | | | |
|--------------|---|---------------------------------------|-------------|------------|
| Site no. | : | 3m Chamber | Data no. : | 7 |
| Dis. / Ant. | : | 3m 2015 3115-4877 | Ant. pol. : | HORIZONTAL |
| Limit | : | FCC PART 15C PEAK | | |
| Env. / Ins. | : | 23.5°C/52.4% | | |
| Engineer | : | zack_zhu | | |
| EUT | : | 11.6'' windows tablet | | |
| Power rating | : | DC 5V From Adapter Input AC 120V/60Hz | | |
| Test Mode | : | IEEE802.11b 2412MHz Tx Mode | | |
| | | M/N: NS-P11W7100 | | |

Prüfbericht - Nr.: **50050527 002**
Test Report No.

Seite 75 von 181
Page 75 of 181



No.6 Ke Feng Road, Block 52,
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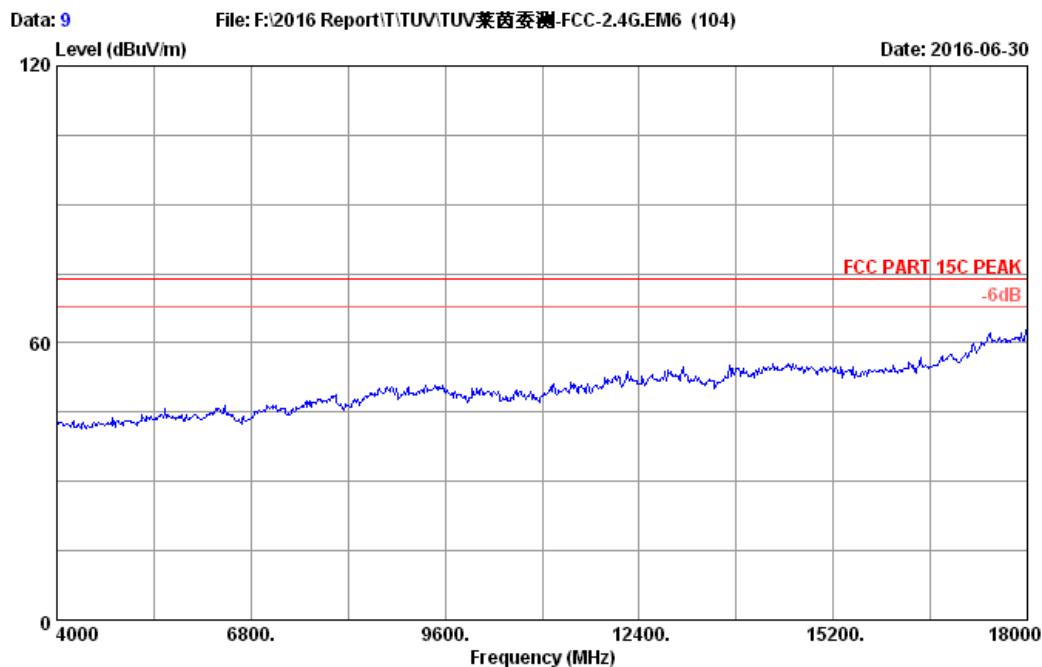
Site no. : 3m Chamber Data no. : 8
Dis. / Ant. : 3m 2015 3115-4877 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23.5°C/52.4%
Engineer : zack_zhu
EUT : 11.6'' windows tablet
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11b 2412MHz Tx Mode
M/N: NS-P11W7100

| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | AMP factor (dB) | Emission | | | | |
|-----|----------------|--------------------------|-----------------------|-----------------------|-------------------|-------------------|--------------------|----------------|---------|
| | | | | | Reading (dBuV) | Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark |
| 1 | 4824.000 | 33.15 | 11.77 | 35.68 | 30.52 | 39.76 | 54.00 | 14.24 | Average |
| 2 | 4824.000 | 33.15 | 11.77 | 35.68 | 43.74 | 52.98 | 74.00 | 21.02 | Peak |

Remarks: 1. Emission Level = Antenna Factor + Cable Loss + Reading
-Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.

Prüfbericht - Nr.: **50050527 002**
Test Report No.Seite 76 von 181
Page 76 of 181

No.6 Ke Feng Road,Block 52,
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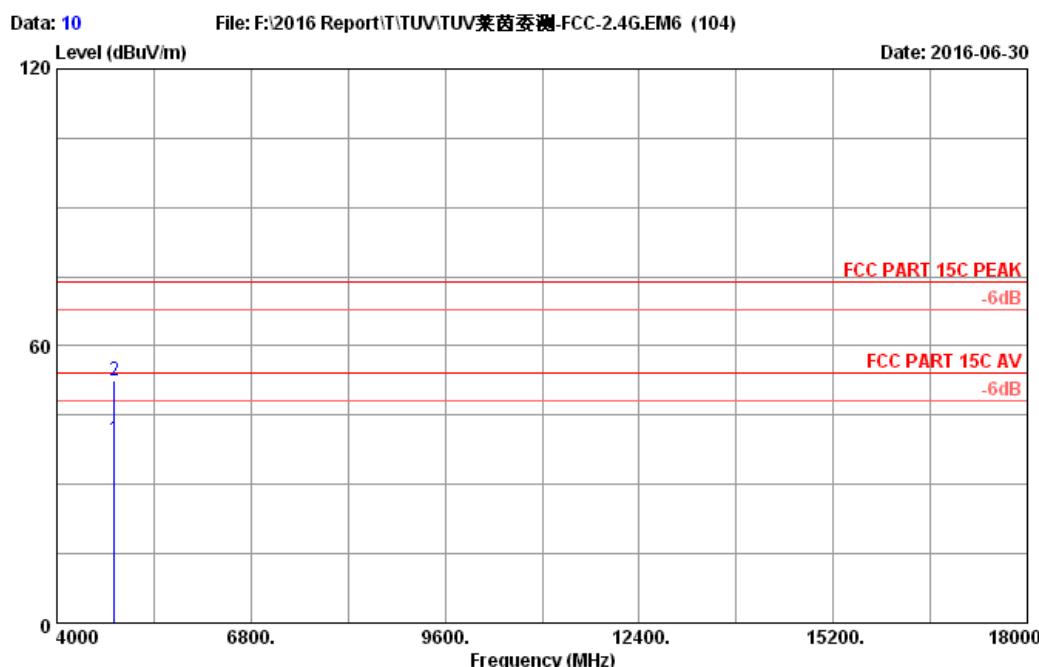
Site no. : 3m Chamber Data no. : 9
Dis. / Ant. : 3m 2015 3115-4877 Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23.5°C/52.4%
Engineer : zack_zhu
EUT : 11.6'' windows tablet
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11b 2412MHz Tx Mode
M/N: NS-P11W7100

Prüfbericht - Nr.: **50050527 002**
Test Report No.

Seite 77 von 181
Page 77 of 181



No.6 Ke Feng Road, Block 52,
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Tel: +86-755-26639495-7
Fax: +86-755-26632877
Postcode: 518057



Site no. : 3m Chamber Data no. : 10
Dis. / Ant. : 3m 2015 3115-4877 Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23.5°C/52.4%
Engineer : zack_zhu
EUT : 11.6'' windows tablet
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11b 2412MHz Tx Mode
M/N: NS-P11W7100

| No. | Freq. (MHz) | Ant. (dB/m) | Cable Factor (dB) | AMP factor (dB) | Emission | | | | |
|-----|----------------|----------------|-------------------------|-----------------------|-------------------|-------------------|--------------------|----------------|---------|
| | | | | | Reading (dBuV) | Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark |
| 1 | 4824.000 | 33.15 | 11.77 | 35.68 | 30.38 | 39.62 | 54.00 | 14.38 | Average |
| 2 | 4824.000 | 33.15 | 11.77 | 35.68 | 43.33 | 52.57 | 74.00 | 21.43 | Peak |

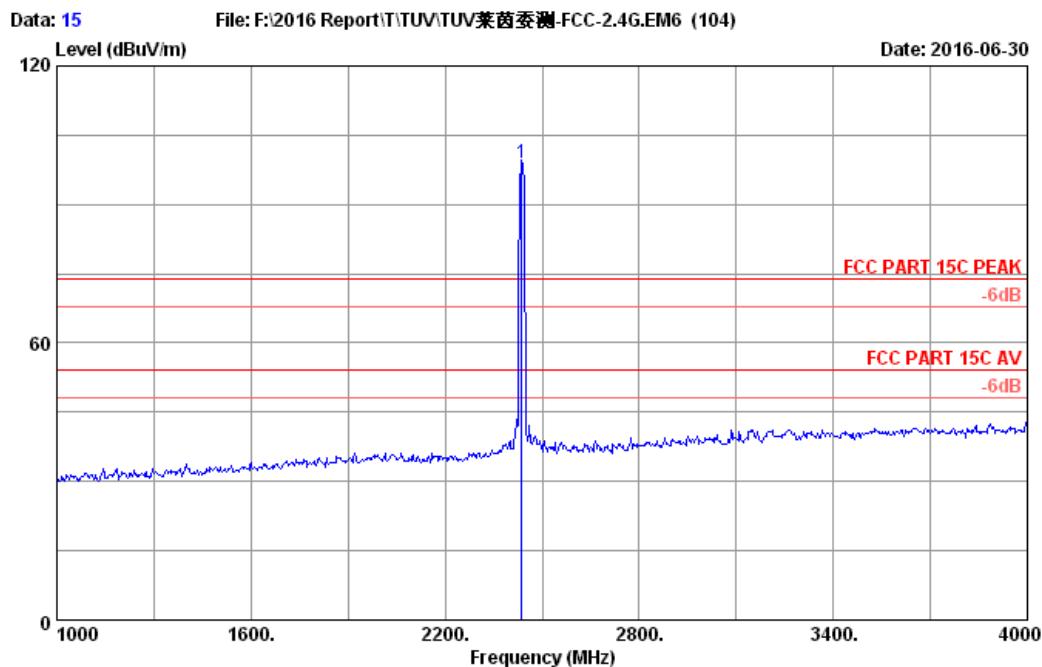
Remarks: 1. Emission Level = Antenna Factor + Cable Loss + Reading
-Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.

Prüfbericht - Nr.: **50050527 002**
Test Report No.

Seite 78 von 181
Page 78 of 181



No.6 Ke Feng Road, Block 52,
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Site no. : 3m Chamber Data no. : 15
Dis. / Ant. : 3m 2015 3115-4877 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23.5°C/52.4%
Engineer : zack_zhu
EUT : 11.6'' windows tablet
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11b 2437MHz Tx Mode
M/N: NS-P11W7100

| No. | Freq. (MHz) | Ant. (dB/m) | Cable Factor (dB) | AMP factor (dB) | Emission | | | |
|-----|----------------|----------------|-------------------------|-----------------------|-------------------|-------------------|--------------------|----------------|
| | | | | | Reading (dBuV) | Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) |
| 1 | 2437.000 | 28.32 | 8.38 | 36.38 | 98.59 | 98.91 | 74.00 | -24.91 Peak |

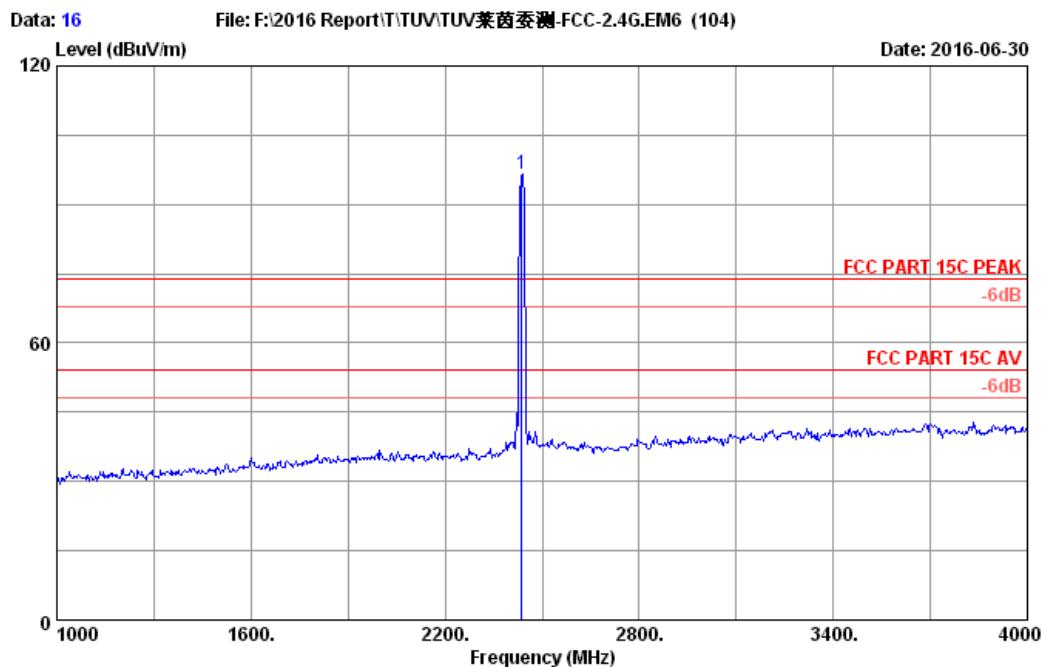
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
-Amp Factor
2. The emission levels that are 20dB below the official
limit are not reported.

Prüfbericht - Nr.: **50050527 002**
Test Report No.

Seite 79 von 181
Page 79 of 181



No.6 Ke Feng Road, Block 52,
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Tel: +86-755-26639495-7
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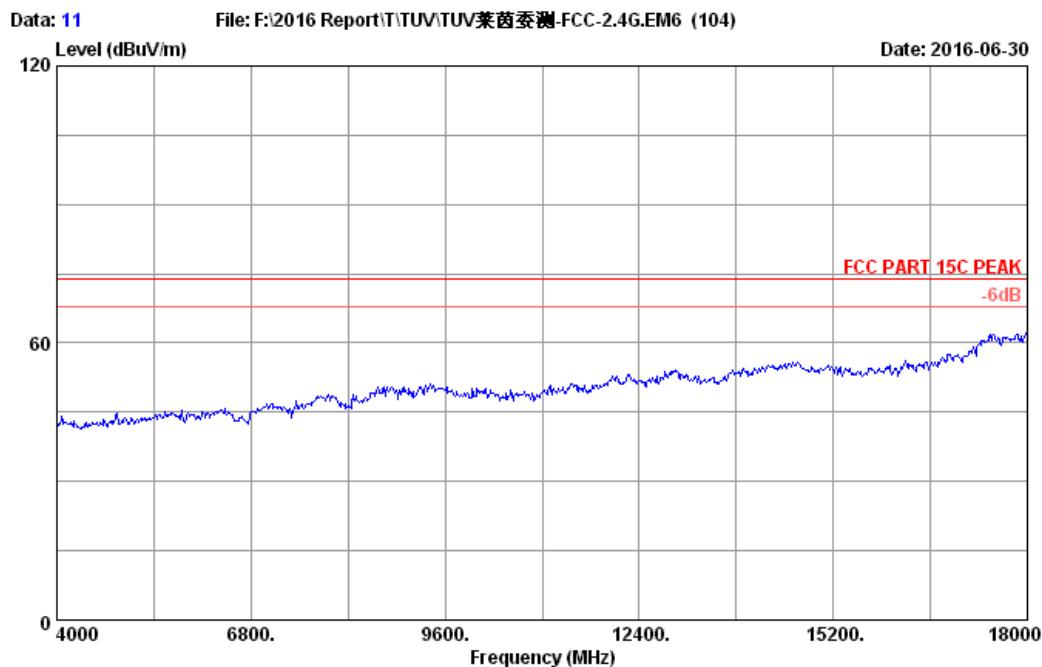
Site no. : 3m Chamber Data no. : 16
Dis. / Ant. : 3m 2015 3115-4877 Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23.5°C/52.4%
Engineer : zack_zhu
EUT : 11.6'' windows tablet
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11b 2437MHz Tx Mode
M/N: NS-P11W7100

| No. | Freq. (MHz) | Ant. (dB/m) | Cable Factor (dB) | AMP factor (dB) | Emission | | | |
|-----|----------------|----------------|-------------------------|-----------------------|-------------------|-------------------|--------------------|----------------|
| | | | | | Reading (dBuV) | Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) |
| 1 | 2437.000 | 28.32 | 8.38 | 36.38 | 96.24 | 96.56 | 74.00 | -22.56 Peak |

Remarks: 1. Emission Level = Antenna Factor + Cable Loss + Reading
-Amp Factor
2. The emission levels that are 20dB below the official
limit are not reported.

Prüfbericht - Nr.: **50050527 002**
Test Report No.Seite 80 von 181
Page 80 of 181

No.6 Ke Feng Road,Block 52,
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Fax:+86-755-26632877
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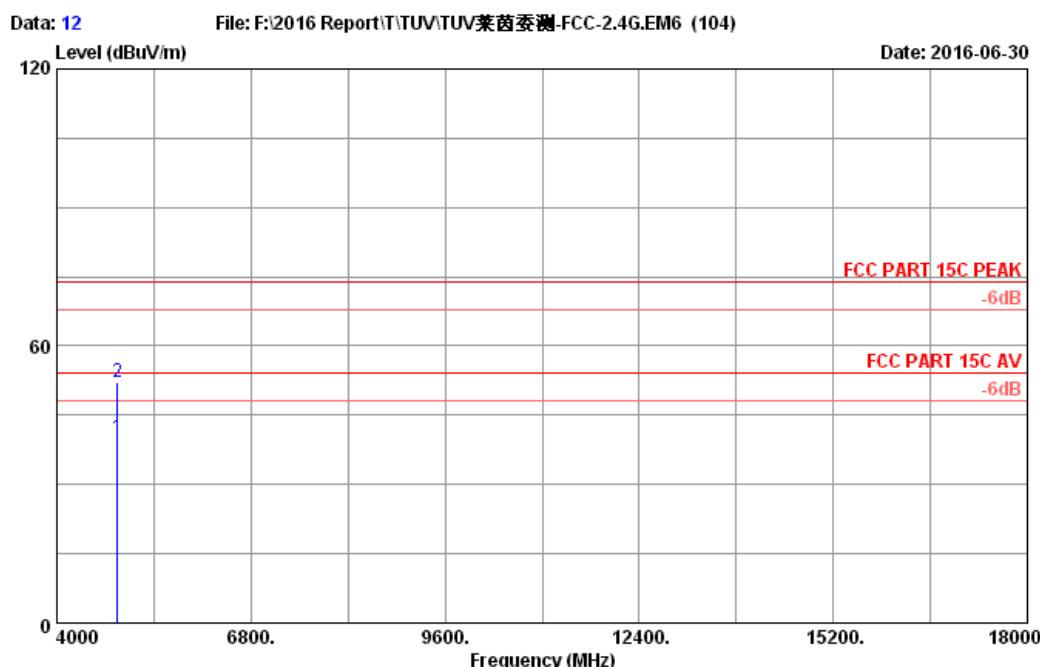
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Dis. / Ant. : 3m 2015 3115-4877 Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23.5°C/52.4%
Engineer : zack_zhu
EUT : 11.6'' windows tablet
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11b 2437MHz Tx Mode
M/N: NS-P11W7100

Prüfbericht - Nr.: **50050527 002**
Test Report No.

Seite 81 von 181
Page 81 of 181



No.6 Ke Feng Road, Block 52,
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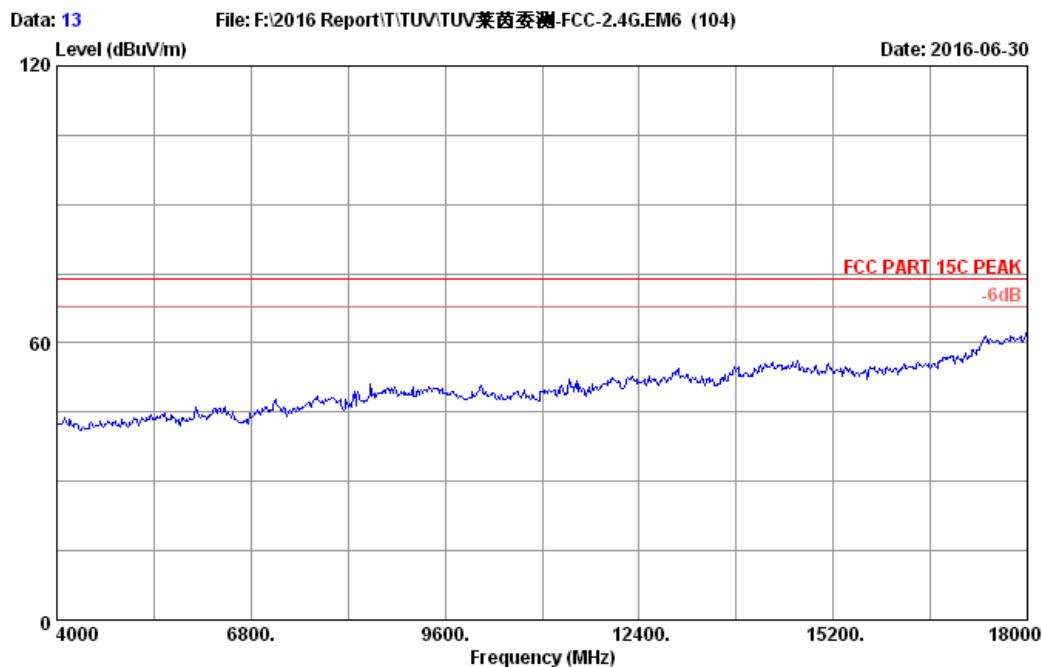
Site no. : 3m Chamber Data no. : 12
Dis. / Ant. : 3m 2015 3115-4877 Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23.5°C/52.4%
Engineer : zack_zhu
EUT : 11.6'' windows tablet
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11b 2437MHz Tx Mode
M/N: NS-P11W7100

| No. | Freq. (MHz) | Ant. (dB/m) | Cable (dB) | AMP (dB) | Emission | | | | |
|-----|----------------|----------------|---------------|-------------|----------|-------|--------|-------------------|-------------------|
| | | | | | Factor | Loss | factor | Reading (dBuV) | Level (dBuV/m) |
| 1 | 4874.000 | 33.25 | 11.80 | 35.69 | 30.75 | 40.11 | 54.00 | 13.89 | Average |
| 2 | 4874.000 | 33.25 | 11.80 | 35.69 | 42.85 | 52.21 | 74.00 | 21.79 | Peak |

Remarks: 1. Emission Level = Antenna Factor + Cable Loss + Reading
-Amp Factor
2. The emission levels that are 20dB below the official
limit are not reported.

Prüfbericht - Nr.: **50050527 002**
Test Report No.Seite 82 von 181
Page 82 of 181

No.6 Ke Feng Road,Block 52,
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Tel:+86-755-26639495-7
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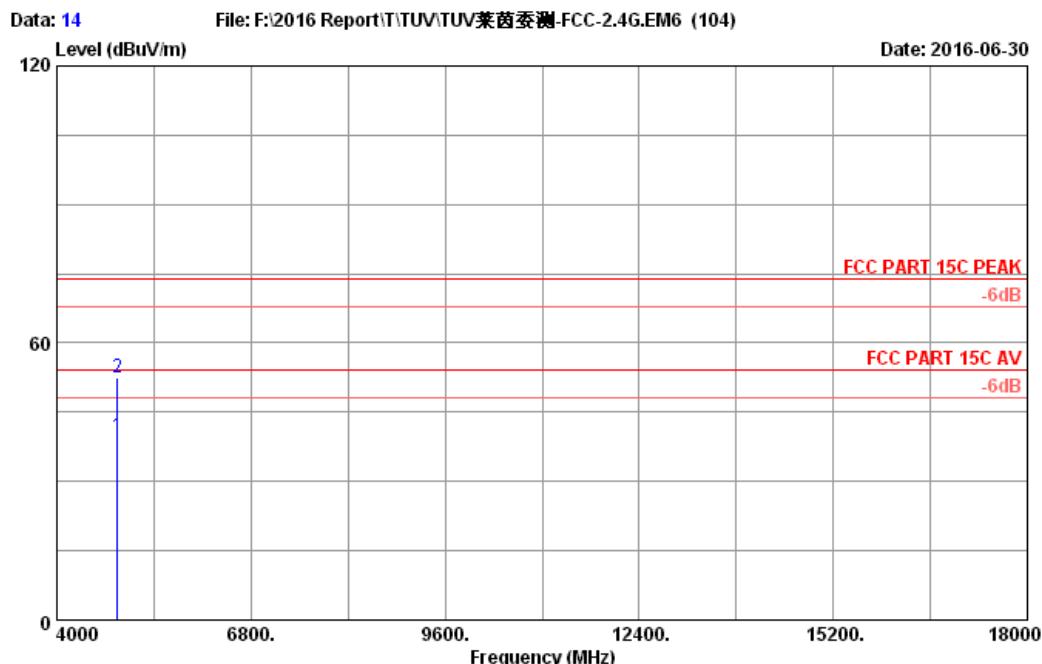
| | | | | |
|--------------|---|---------------------------------------|-------------|------------|
| Site no. | : | 3m Chamber | Data no. : | 13 |
| Dis. / Ant. | : | 3m 2015 3115-4877 | Ant. pol. : | HORIZONTAL |
| Limit | : | FCC PART 15C PEAK | | |
| Env. / Ins. | : | 23.5°C/52.4% | | |
| Engineer | : | zack_zhu | | |
| EUT | : | 11.6'' windows tablet | | |
| Power rating | : | DC 5V From Adapter Input AC 120V/60Hz | | |
| Test Mode | : | IEEE802.11b 2437MHz Tx Mode | | |
| | | M/N: NS-P11W7100 | | |

Prüfbericht - Nr.: **50050527 002**
Test Report No.

Seite 83 von 181
Page 83 of 181



No.6 Ke Feng Road, Block 52,
ShenZhen Science & Industry Park
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Tel: +86-755-26639495-7
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Site no. : 3m Chamber Data no. : 14
Dis. / Ant. : 3m 2015 3115-4877 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23.5°C/52.4%
Engineer : zack_zhu
EUT : 11.6'' windows tablet
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11b 2437MHz Tx Mode
M/N: NS-P11W7100

| No. | Freq. (MHz) | Ant. (dB/m) | Cable (dB) | AMP (dB) | Emission | | | | |
|-----|----------------|----------------|---------------|-------------|----------|-------|--------|-------------------|-------------------|
| | | | | | Factor | Loss | factor | Reading (dBuV) | Level (dBuV/m) |
| 1 | 4874.000 | 33.25 | 11.80 | 35.69 | 30.52 | 39.88 | 54.00 | 14.12 | Average |
| 2 | 4874.000 | 33.25 | 11.80 | 35.69 | 43.21 | 52.57 | 74.00 | 21.43 | Peak |

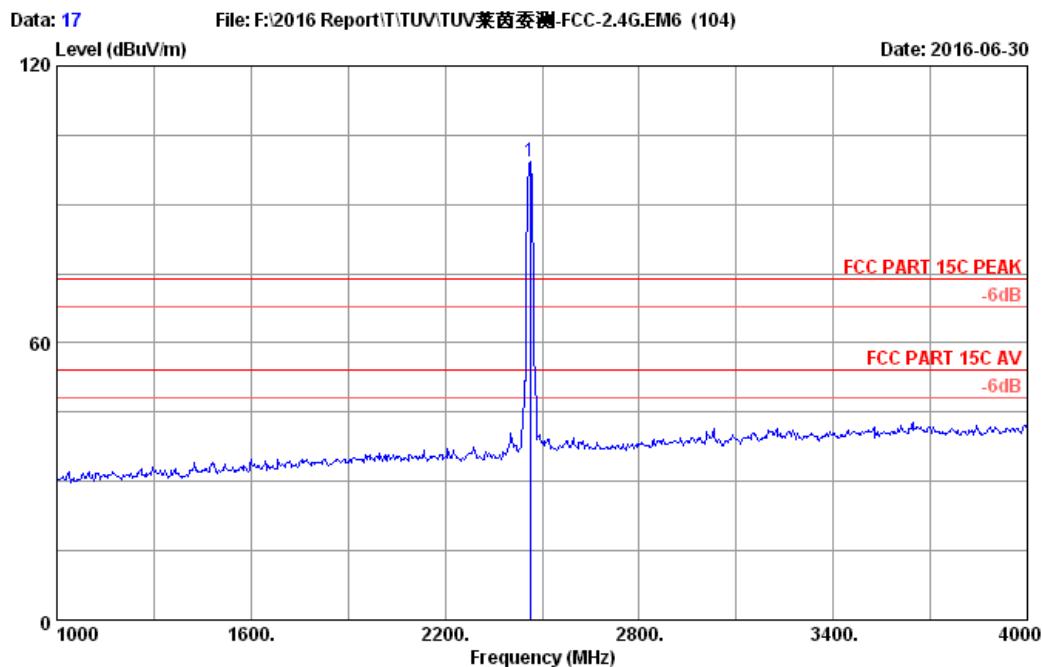
Remarks: 1. Emission Level = Antenna Factor + Cable Loss + Reading
-Amp Factor
2. The emission levels that are 20dB below the official
limit are not reported.

Prüfbericht - Nr.: **50050527 002**
Test Report No.

Seite 84 von 181
Page 84 of 181



No.6 Ke Feng Road, Block 52,
ShenZhen Science & Industry Park
Noutou, ShenZhen, GuangDong, China
Tel: +86-755-26639495-7
Fax: +86-755-26632877
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Site no. : 3m Chamber Data no. : 17
Dis. / Ant. : 3m 2015 3115-4877 Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23.5°C/52.4%
Engineer : zack_zhu
EUT : 11.6'' windows tablet
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11b 2462MHz Tx Mode
M/N: NS-P11W7100

| No. | Freq. (MHz) | Ant. (dB/m) | Cable Factor (dB) | AMP factor (dB) | Emission | | | |
|-----|----------------|----------------|-------------------------|-----------------------|-------------------|-------------------|--------------------|----------------|
| | | | | | Reading (dBuV) | Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) |
| 1 | 2462.000 | 28.35 | 8.40 | 36.38 | 98.88 | 99.25 | 74.00 | -25.25 Peak |

Remarks: 1. Emission Level = Antenna Factor + Cable Loss + Reading
-Amp Factor
2. The emission levels that are 20dB below the official
limit are not reported.

Prüfbericht - Nr.: **50050527 002**
Test Report No.

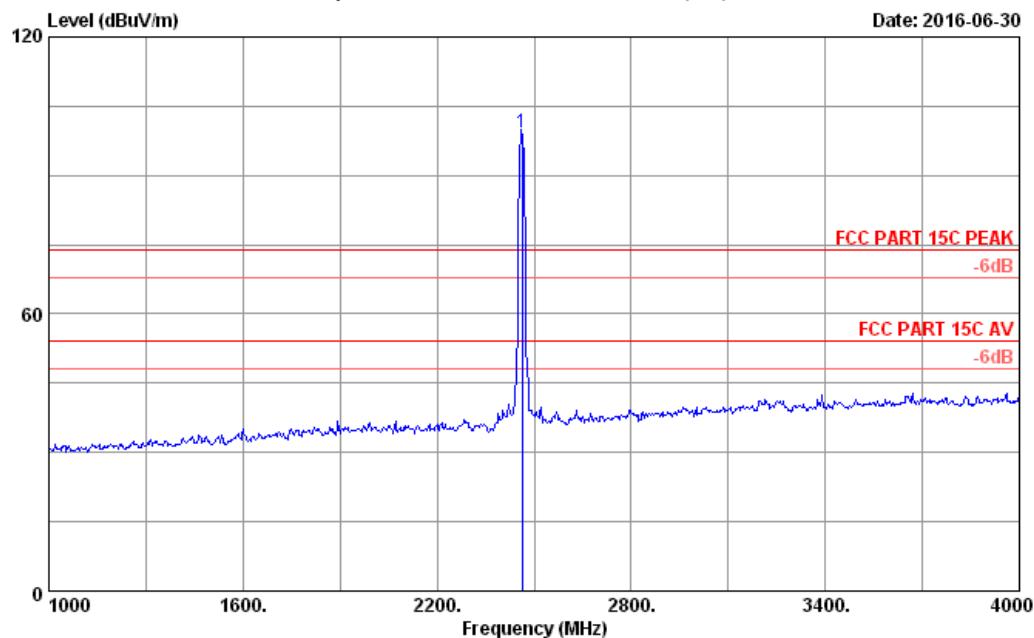
Seite 85 von 181
Page 85 of 181



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Postcode: 518057

Data: 18

File: F:\2016 Report\T\TUV\ITUV\莱茵检测-FCC-2.4G.EM6 (104)



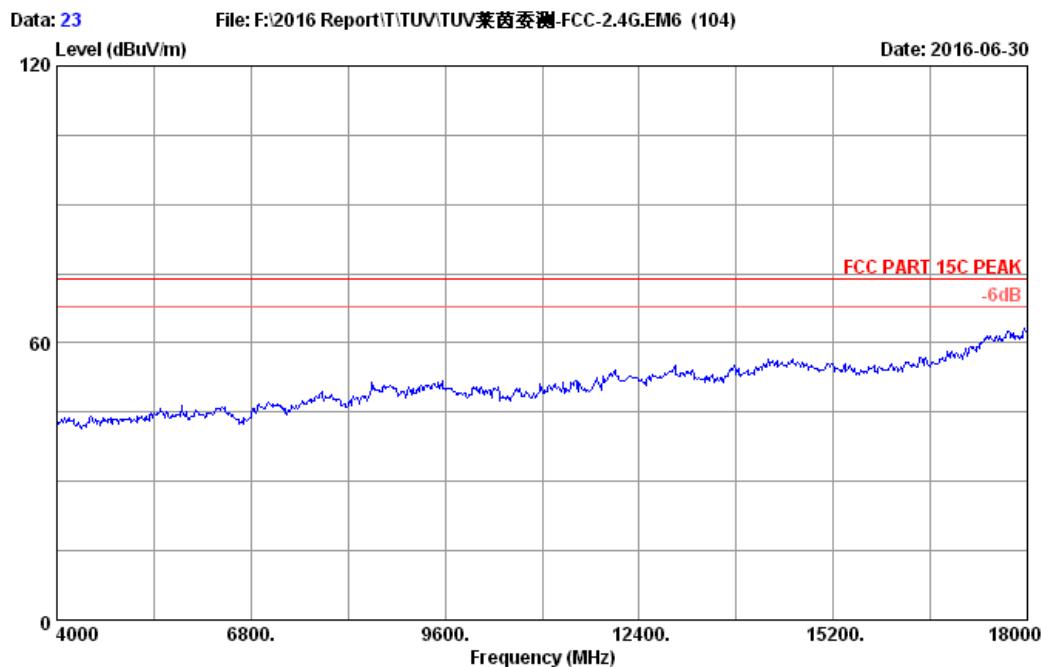
Site no. : 3m Chamber Data no. : 18
Dis. / Ant. : 3m 2015 3115-4877 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23.5°C/52.4%
Engineer : zack_zhu
EUT : 11.6'' windows tablet
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11b 2462MHz Tx Mode
M/N: NS-P11W7100

| No. | Freq. (MHz) | Ant. (dB/m) | Cable Factor (dB) | AMP factor (dB) | Emission | | | |
|-----|----------------|----------------|-------------------------|-----------------------|-------------------|-------------------|--------------------|----------------|
| | | | | | Reading (dBuV) | Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) |
| 1 | 2462.000 | 28.35 | 8.40 | 36.38 | 98.86 | 99.23 | 74.00 | -25.23 Peak |

Remarks: 1. Emission Level = Antenna Factor + Cable Loss + Reading
-Amp Factor
2. The emission levels that are 20dB below the official
limit are not reported.

Prüfbericht - Nr.: **50050527 002**
Test Report No.Seite 86 von 181
Page 86 of 181

No.6 Ke Feng Road, Block 52,
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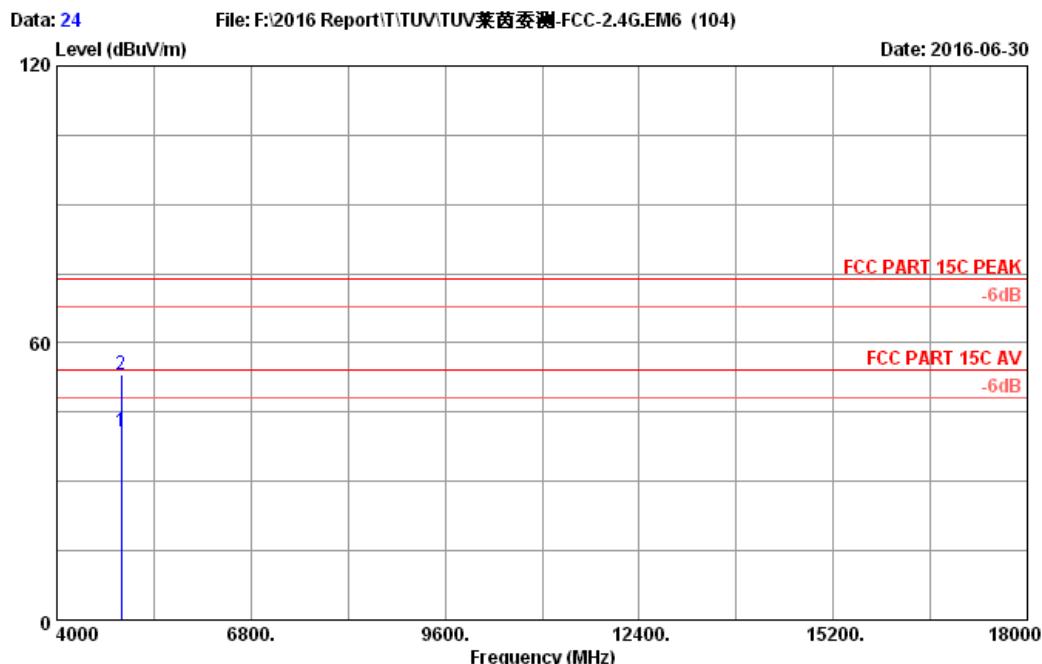
| | | | | |
|--------------|---|---------------------------------------|-------------|------------|
| Site no. | : | 3m Chamber | Data no. : | 23 |
| Dis. / Ant. | : | 3m 2015 3115-4877 | Ant. pol. : | HORIZONTAL |
| Limit | : | FCC PART 15C PEAK | | |
| Env. / Ins. | : | 23.5°C/52.4% | | |
| Engineer | : | zack_zhu | | |
| EUT | : | 11.6'' windows tablet | | |
| Power rating | : | DC 5V From Adapter Input AC 120V/60Hz | | |
| Test Mode | : | IEEE802.11b 2462MHz Tx Mode | | |
| | | M/N: NS-P11W7100 | | |

Prüfbericht - Nr.: **50050527 002**
Test Report No.

Seite 87 von 181
Page 87 of 181



No.6 Ke Feng Road, Block 52,
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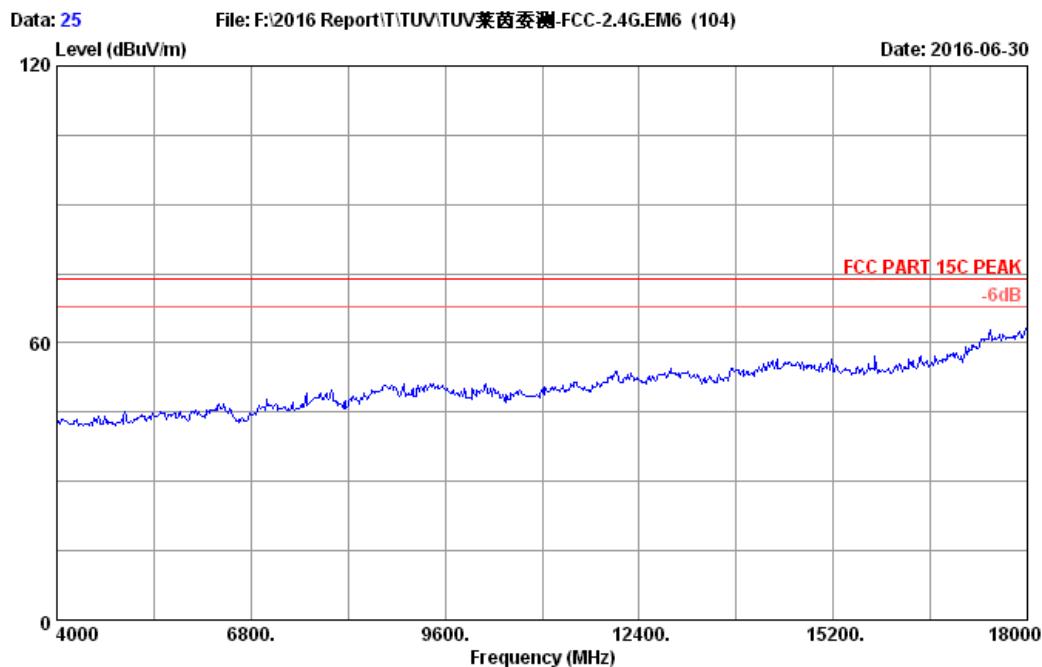
Site no. : 3m Chamber Data no. : 24
Dis. / Ant. : 3m 2015 3115-4877 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23.5°C/52.4%
Engineer : zack_zhu
EUT : 11.6'' windows tablet
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11b 2462MHz Tx Mode
M/N: NS-P11W7100

| No. | Freq. (MHz) | Ant. (dB/m) | Cable Factor (dB) | AMP factor (dB) | Emission | | | | |
|-----|----------------|----------------|-------------------------|-----------------------|-------------------|-------------------|--------------------|----------------|---------|
| | | | | | Reading (dBuV) | Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark |
| 1 | 4924.000 | 33.35 | 11.83 | 35.70 | 31.42 | 40.90 | 54.00 | 13.10 | Average |
| 2 | 4924.000 | 33.35 | 11.83 | 35.70 | 43.58 | 53.06 | 74.00 | 20.94 | Peak |

Remarks: 1. Emission Level = Antenna Factor + Cable Loss + Reading
-Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.

Prüfbericht - Nr.: **50050527 002**
Test Report No.Seite 88 von 181
Page 88 of 181

No.6 Ke Feng Road,Block 52,
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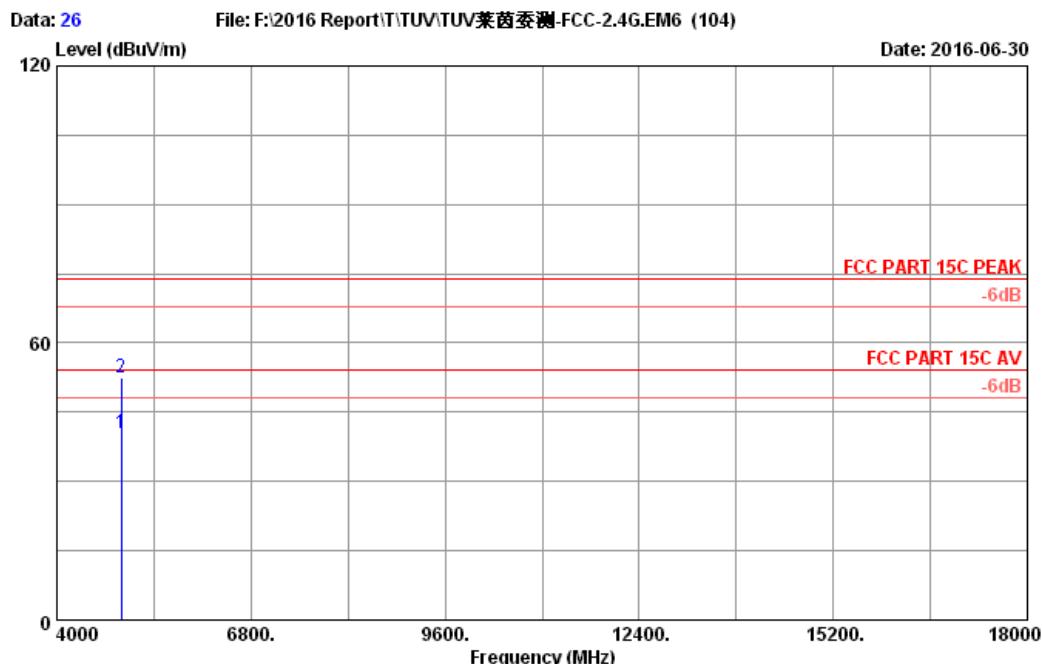
Site no. : 3m Chamber Data no. : 25
Dis. / Ant. : 3m 2015 3115-4877 Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23.5°C/52.4%
Engineer : zack_zhu
EUT : 11.6'' windows tablet
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11b 2462MHz Tx Mode
M/N: NS-P11W7100

Prüfbericht - Nr.: **50050527 002**
Test Report No.

Seite 89 von 181
Page 89 of 181



No.6 Ke Feng Road, Block 52,
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Site no. : 3m Chamber Data no. : 26
Dis. / Ant. : 3m 2015 3115-4877 Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23.5°C/52.4%
Engineer : zack_zhu
EUT : 11.6'' windows tablet
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11b 2462MHz Tx Mode
M/N: NS-P11W7100

| No. | Freq. (MHz) | Ant. (MHz) | Cable Factor (dB/m) | AMP factor (dB) | Emission | | | | |
|-----|----------------|---------------|---------------------------|-----------------------|--------------|-------------------|-------------------|--------------------|----------------|
| | | | | | Loss (dB) | Reading (dBuV) | Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) |
| 1 | 4924.000 | 33.35 | 11.83 | 35.70 | 30.85 | 40.33 | 54.00 | 13.67 | Average |
| 2 | 4924.000 | 33.35 | 11.83 | 35.70 | 42.89 | 52.37 | 74.00 | 21.63 | Peak |

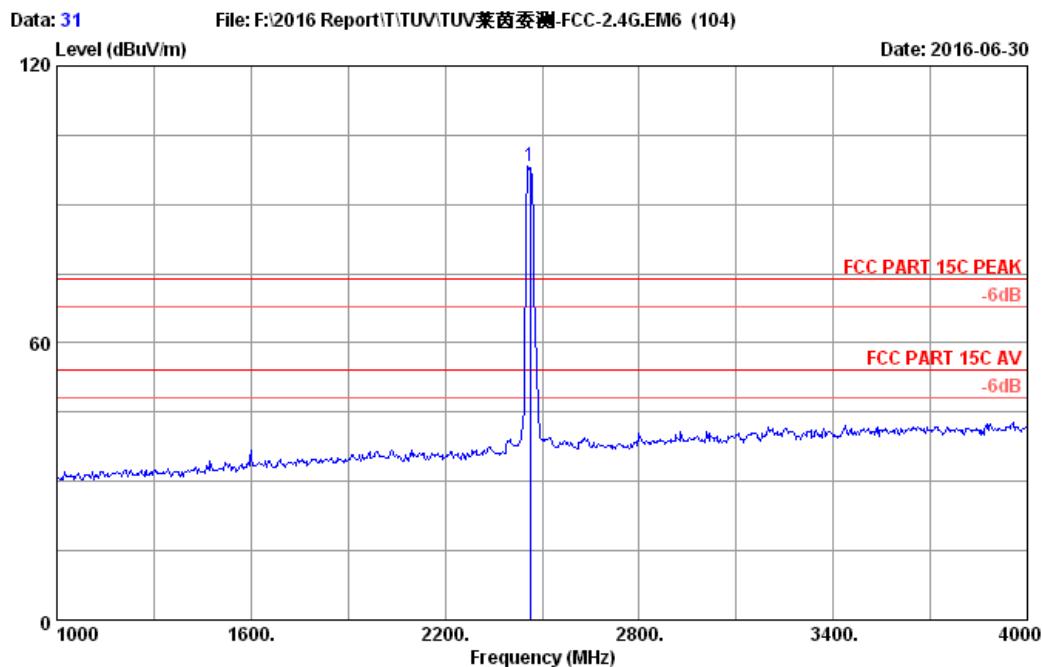
Remarks: 1. Emission Level = Antenna Factor + Cable Loss + Reading
-Amp Factor
2. The emission levels that are 20dB below the official
limit are not reported.

Prüfbericht - Nr.: **50050527 002**
Test Report No.

Seite 90 von 181
Page 90 of 181



No.6 Ke Feng Road, Block 52,
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Site no. : 3m Chamber Data no. : 31
Dis. / Ant. : 3m 2015 3115-4877 Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23.5°C/52.4%
Engineer : zack_zhu
EUT : 11.6'' windows tablet
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11g 2462MHz Tx Mode
M/N: NS-P11W7100

| No. | Freq. (MHz) | Ant. (dB/m) | Cable Factor (dB) | AMP factor (dB) | Emission | | | |
|-----|----------------|----------------|-------------------------|-----------------------|-------------------|-------------------|--------------------|----------------|
| | | | | | Reading (dBuV) | Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) |
| 1 | 2462.000 | 28.35 | 8.40 | 36.38 | 97.96 | 98.33 | 74.00 | -24.33 Peak |

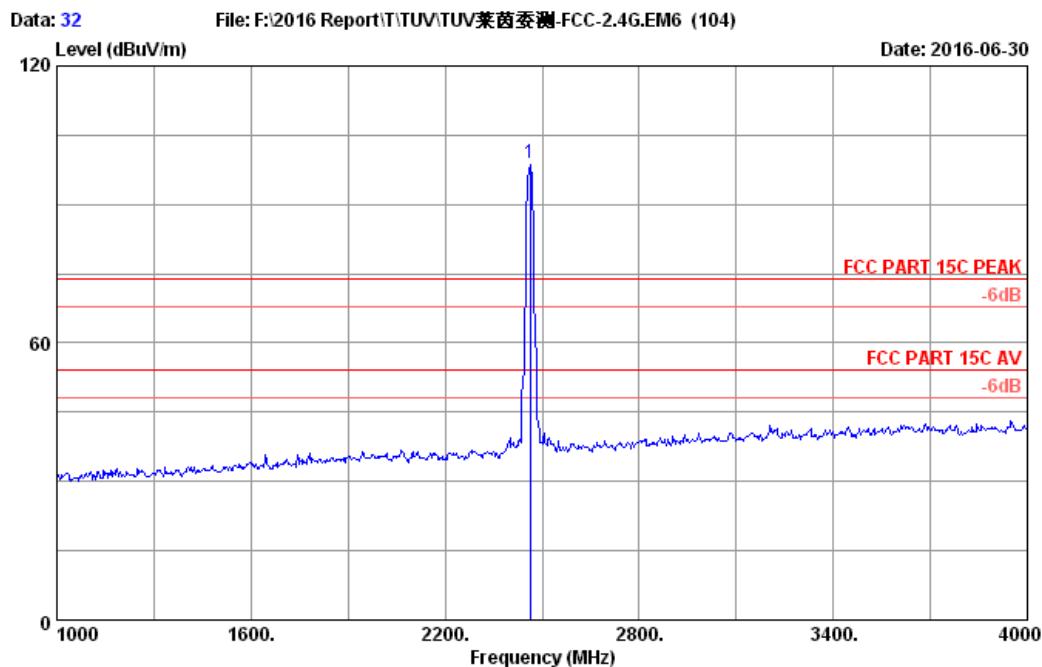
Remarks: 1. Emission Level = Antenna Factor + Cable Loss + Reading
-Amp Factor
2. The emission levels that are 20dB below the official
limit are not reported.

Prüfbericht - Nr.: **50050527 002**
Test Report No.

Seite 91 von 181
Page 91 of 181



No.6 Ke Feng Road, Block 52,
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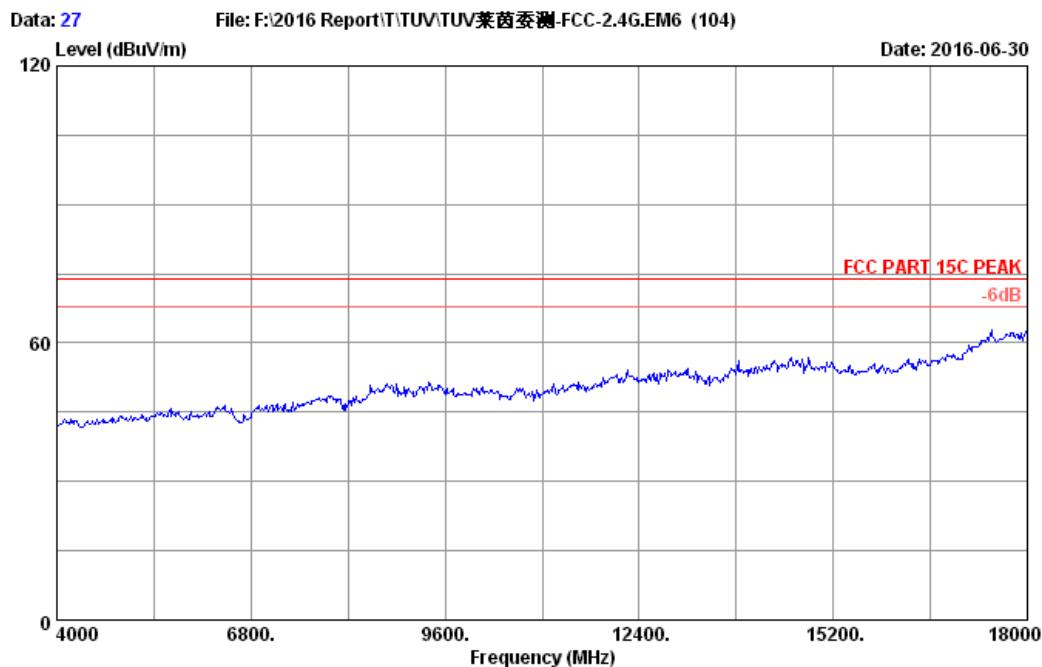
Site no. : 3m Chamber Data no. : 32
Dis. / Ant. : 3m 2015 3115-4877 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23.5°C/52.4%
Engineer : zack_zhu
EUT : 11.6'' windows tablet
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11g 2462MHz Tx Mode
M/N: NS-P11W7100

| No. | Freq. (MHz) | Ant. (dB/m) | Cable Factor (dB) | AMP factor (dB) | Emission | | | |
|-----|----------------|----------------|-------------------------|-----------------------|-------------------|-------------------|--------------------|----------------|
| | | | | | Reading (dBuV) | Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) |
| 1 | 2462.000 | 28.35 | 8.40 | 36.38 | 98.68 | 99.05 | 74.00 | -25.05 Peak |

Remarks: 1. Emission Level = Antenna Factor + Cable Loss + Reading
-Amp Factor
2. The emission levels that are 20dB below the official
limit are not reported.

Prüfbericht - Nr.: **50050527 002**
Test Report No.Seite 92 von 181
Page 92 of 181

No.6 Ke Feng Road,Block 52,
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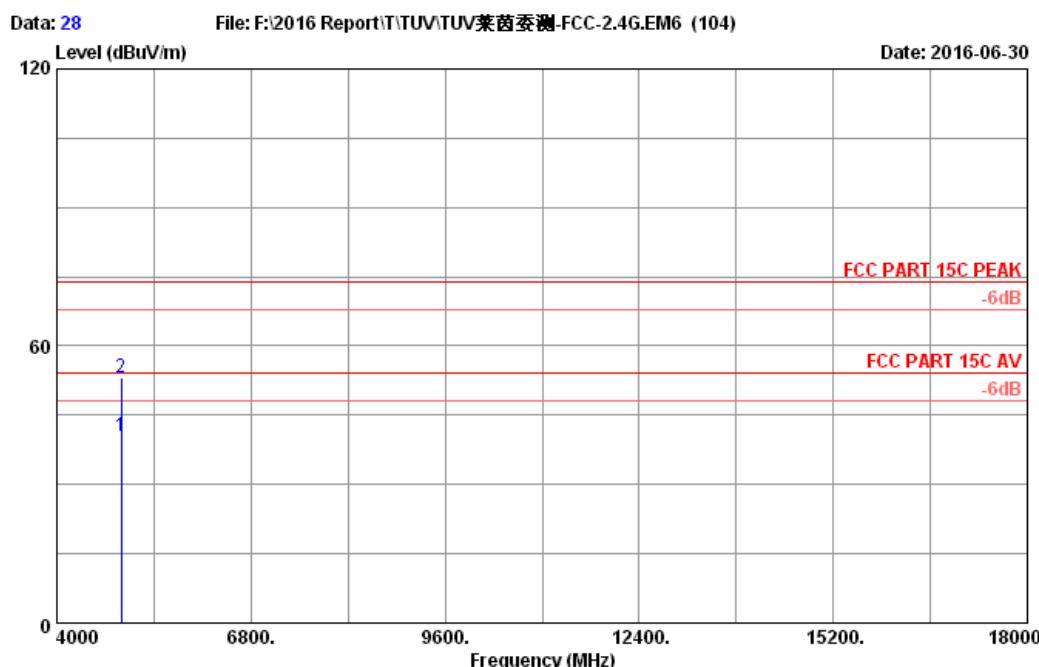
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|--------------|---|---------------------------------------|-------------|----------|
| Site no. | : | 3m Chamber | Data no. : | 27 |
| Dis. / Ant. | : | 3m 2015 3115-4877 | Ant. pol. : | VERTICAL |
| Limit | : | FCC PART 15C PEAK | | |
| Env. / Ins. | : | 23.5°C/52.4% | | |
| Engineer | : | zack_zhu | | |
| EUT | : | 11.6'' windows tablet | | |
| Power rating | : | DC 5V From Adapter Input AC 120V/60Hz | | |
| Test Mode | : | IEEE802.11g 2462MHz Tx Mode | | |
| | | M/N: NS-P11W7100 | | |

Prüfbericht - Nr.: **50050527 002**
Test Report No.

Seite 93 von 181
Page 93 of 181



No.6 Ke Feng Road, Block 52,
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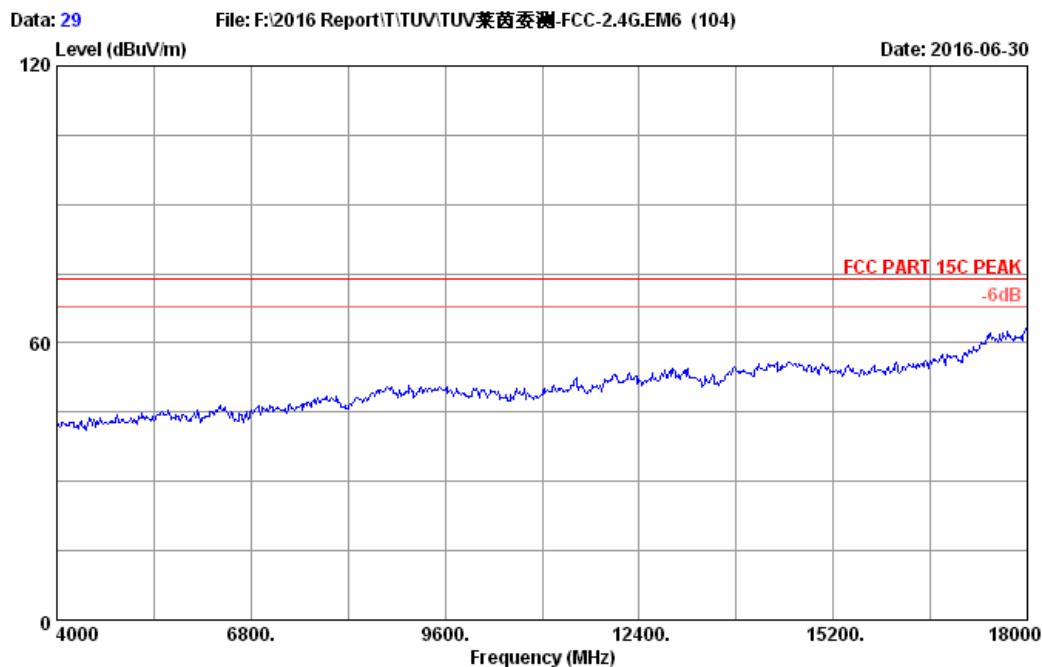
Site no. : 3m Chamber Data no. : 28
Dis. / Ant. : 3m 2015 3115-4877 Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23.5°C/52.4%
Engineer : zack_zhu
EUT : 11.6'' windows tablet
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11g 2462MHz Tx Mode
M/N: NS-P11W7100

| No. | Freq. (MHz) | Ant. (MHz) | Cable Factor (dB/m) | AMP factor (dB) | Emission | | | | | |
|-----|----------------|---------------|---------------------------|-----------------------|--------------|-------------------|-------------------|--------------------|----------------|---------|
| | | | | | Loss (dB) | Reading (dBuV) | Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark |
| 1 | 4924.000 | 4924.000 | 33.35 | 11.83 | 35.70 | 31.03 | 40.51 | 54.00 | 13.49 | Average |
| 2 | 4924.000 | 4924.000 | 33.35 | 11.83 | 35.70 | 43.56 | 53.04 | 74.00 | 20.96 | Peak |

Remarks: 1. Emission Level = Antenna Factor + Cable Loss + Reading
-Amp Factor
2. The emission levels that are 20dB below the official
limit are not reported.

Prüfbericht - Nr.: **50050527 002**
Test Report No.Seite 94 von 181
Page 94 of 181

No.6 Ke Feng Road, Block 52,
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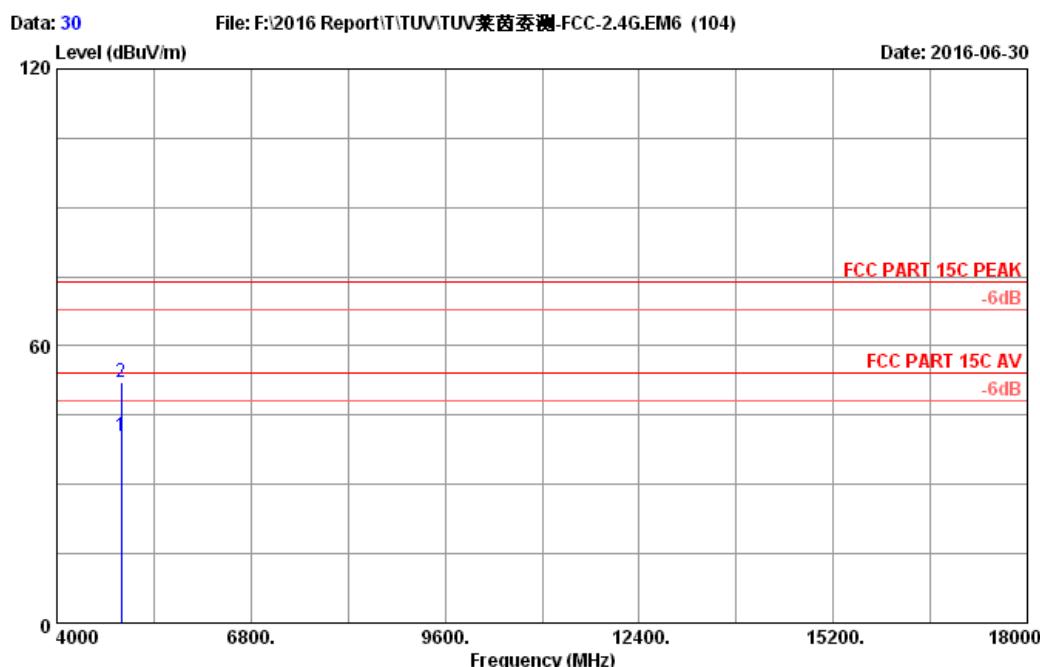
Site no. : 3m Chamber Data no. : 29
Dis. / Ant. : 3m 2015 3115-4877 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23.5°C/52.4%
Engineer : zack_zhu
EUT : 11.6'' windows tablet
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11g 2462MHz Tx Mode
M/N: NS-P11W7100

Prüfbericht - Nr.: **50050527 002**
Test Report No.

Seite 95 von 181
Page 95 of 181



No.6 Ke Feng Road, Block 52,
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Site no. : 3m Chamber Data no. : 30
Dis. / Ant. : 3m 2015 3115-4877 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23.5°C/52.4%
Engineer : zack_zhu
EUT : 11.6'' windows tablet
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11g 2462MHz Tx Mode
M/N: NS-P11W7100

| No. | Freq. (MHz) | Ant. (MHz) | Cable Factor (dB/m) | AMP factor (dB) | Emission | | | | |
|-----|----------------|---------------|---------------------------|-----------------------|--------------|-------------------|-------------------|--------------------|----------------|
| | | | | | Loss (dB) | Reading (dBuV) | Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) |
| 1 | 4924.000 | 33.35 | 11.83 | 35.70 | 31.11 | 40.59 | 54.00 | 13.41 | Average |
| 2 | 4924.000 | 33.35 | 11.83 | 35.70 | 42.69 | 52.17 | 74.00 | 21.83 | Peak |

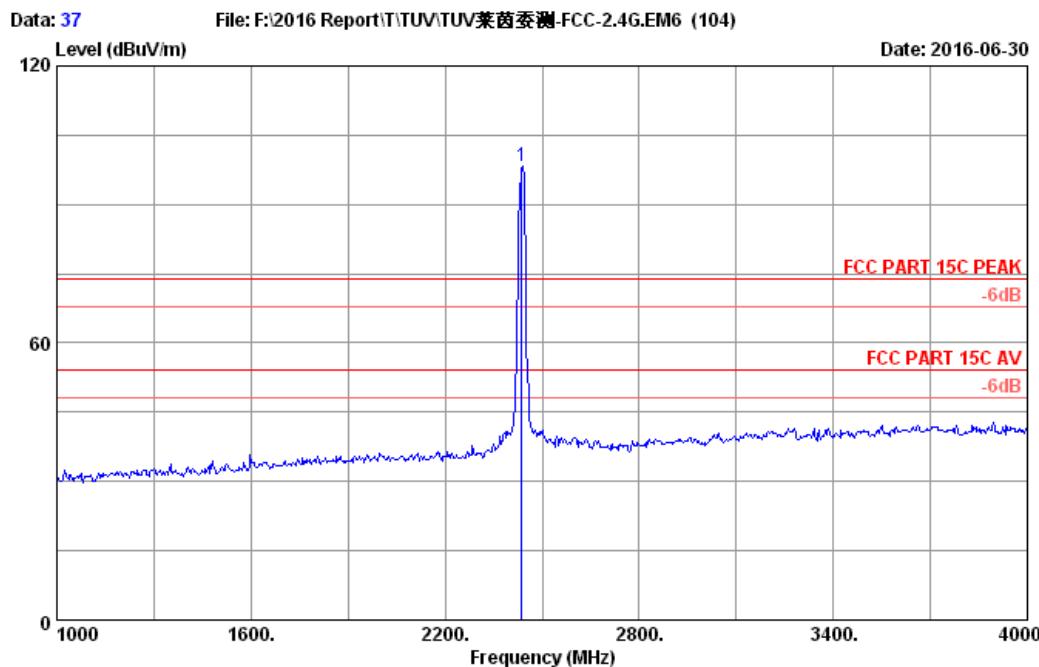
Remarks: 1. Emission Level = Antenna Factor + Cable Loss + Reading
-Amp Factor
2. The emission levels that are 20dB below the official
limit are not reported.

Prüfbericht - Nr.: **50050527 002**
Test Report No.

Seite 96 von 181
Page 96 of 181



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Site no. : 3m Chamber Data no. : 37
Dis. / Ant. : 3m 2015 3115-4877 Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23.5°C/52.4%
Engineer : zack_zhu
EUT : 11.6'' windows tablet
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11g 2437MHz Tx Mode
M/N: NS-P11W7100

| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | AMP factor (dB) | Emission | | | |
|-----|----------------|--------------------------|-----------------------|-----------------------|-------------------|-------------------|--------------------|----------------|
| | | | | | Reading (dBuV) | Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) |
| 1 | 2437.000 | 28.32 | 8.38 | 36.38 | 98.05 | 98.37 | 74.00 | -24.37 Peak |

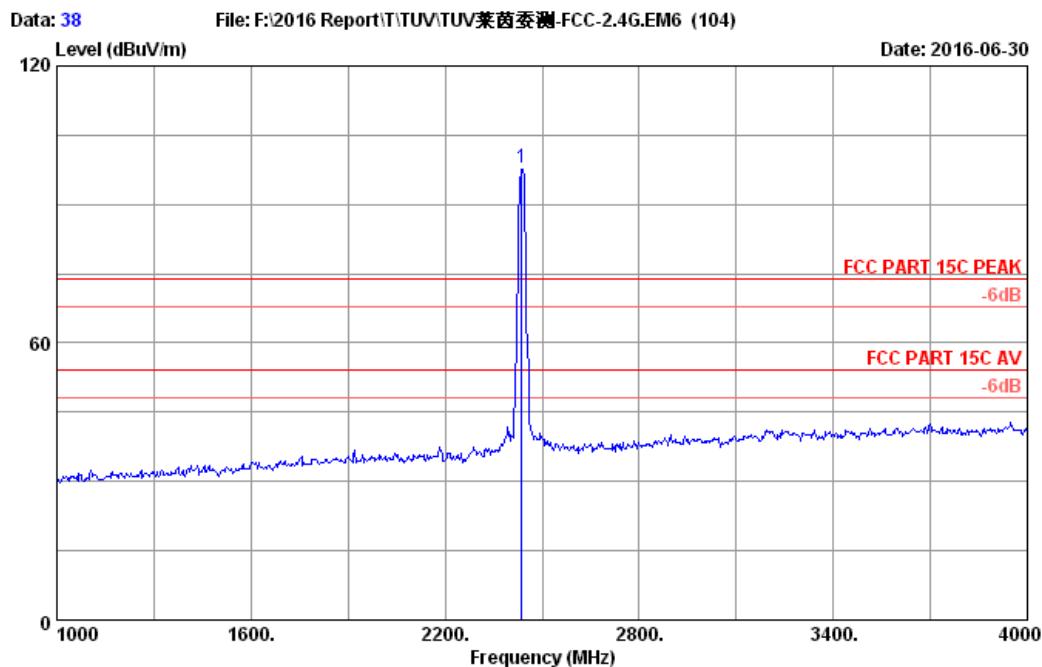
Remarks: 1. Emission Level = Antenna Factor + Cable Loss + Reading
-Amp Factor
2. The emission levels that are 20dB below the official
limit are not reported.

Prüfbericht - Nr.: **50050527 002**
Test Report No.

Seite 97 von 181
Page 97 of 181



No.6 Ke Feng Road, Block 52,
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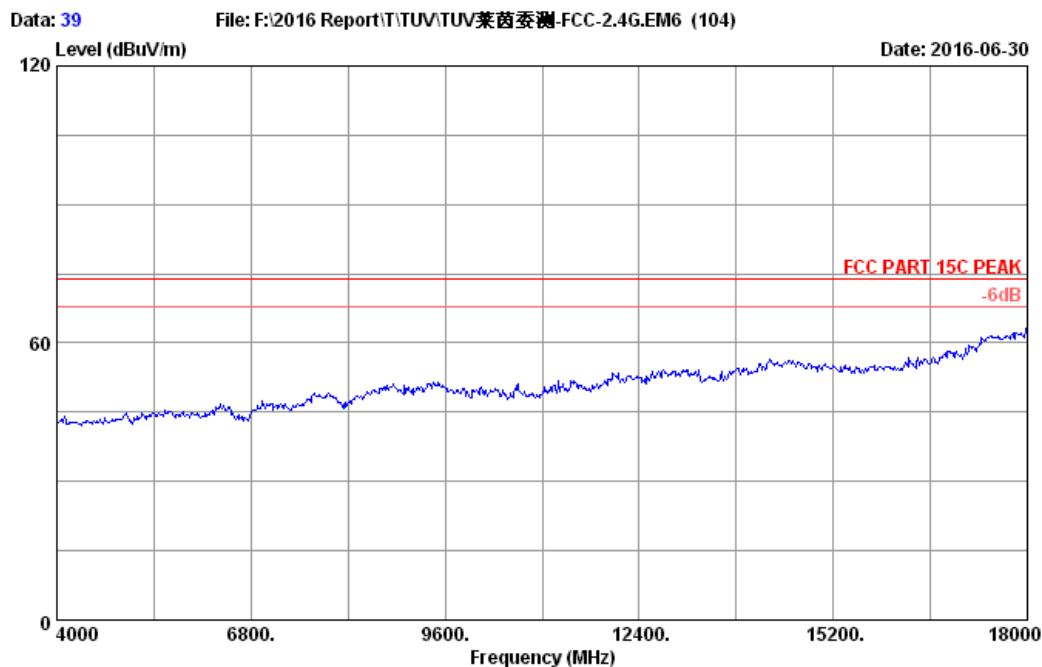
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Dis. / Ant. : 3m 2015 3115-4877 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23.5°C/52.4%
Engineer : zack_zhu
EUT : 11.6'' windows tablet
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11g 2437MHz Tx Mode
M/N: NS-P11W7100

| No. | Freq. (MHz) | Ant. (dB/m) | Cable Factor (dB) | AMP factor (dB) | Emission | | | |
|-----|----------------|----------------|-------------------------|-----------------------|-------------------|-------------------|--------------------|----------------|
| | | | | | Reading (dBuV) | Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) |
| 1 | 2437.000 | 28.32 | 8.38 | 36.38 | 97.67 | 97.99 | 74.00 | -23.99 Peak |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
-Amp Factor
2. The emission levels that are 20dB below the official
limit are not reported.

Prüfbericht - Nr.: **50050527 002**
Test Report No.Seite 98 von 181
Page 98 of 181

No.6 Ke Feng Road,Block 52,
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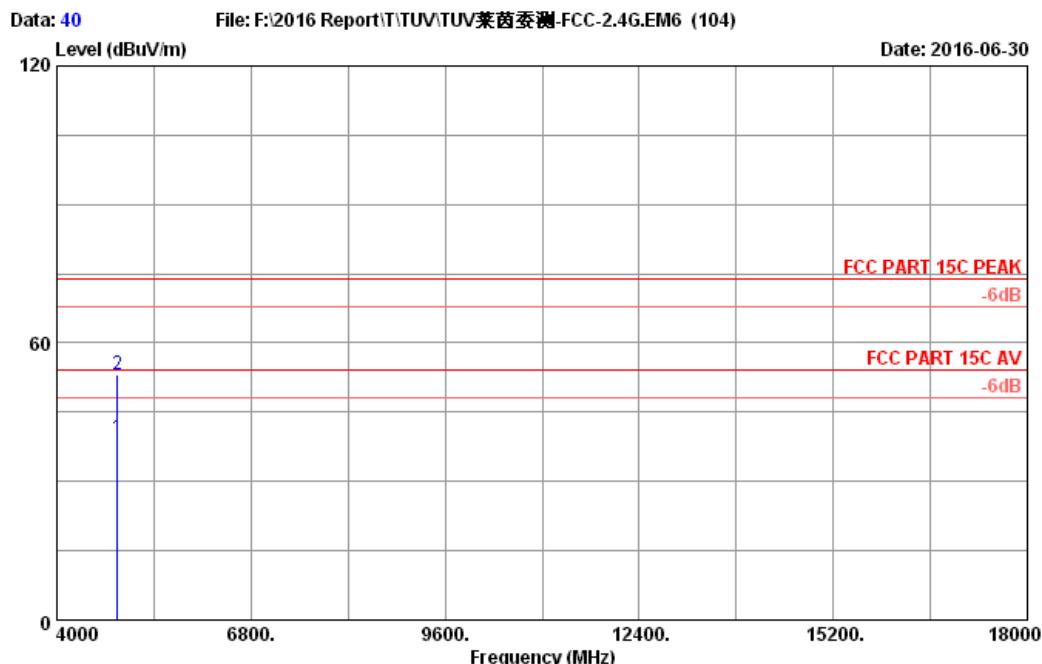
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|--------------|-------------|---------------------------------------|-------------|------------|
| Site no. | : | 3m Chamber | Data no. : | 39 |
| Dis. / Ant. | : | 3m 2015 3115-4877 | Ant. pol. : | HORIZONTAL |
| Limit | : | FCC PART 15C PEAK | | |
| Env. / Ins. | : | 23.5°C/52.4% | | |
| Engineer | : | zack_zhu | | |
| EUT | : | 11.6'' windows tablet | | |
| Power rating | : | DC 5V From Adapter Input AC 120V/60Hz | | |
| Test Mode | : | IEEE802.11g 2437MHz Tx Mode | | |
| M/N: | NS-P11W7100 | | | |

Prüfbericht - Nr.: **50050527 002**
Test Report No.

Seite 99 von 181
Page 99 of 181



No.6 Ke Feng Road, Block 52,
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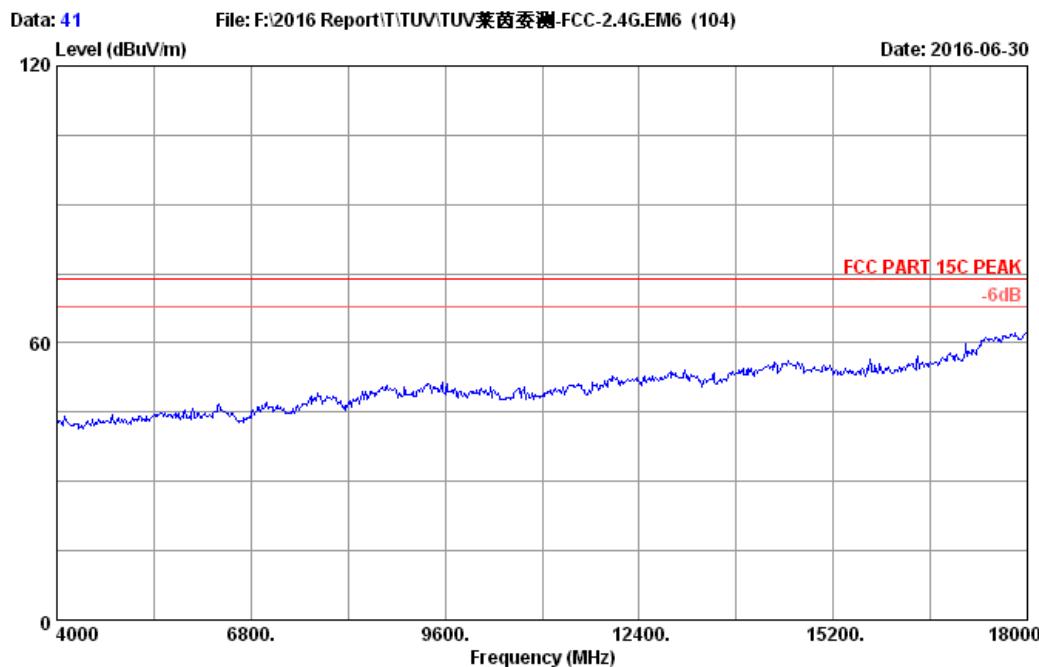
Site no. : 3m Chamber Data no. : 40
Dis. / Ant. : 3m 2015 3115-4877 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23.5°C/52.4%
Engineer : zack_zhu
EUT : 11.6'' windows tablet
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11g 2437MHz Tx Mode
M/N: NS-P11W7100

| No. | Freq. (MHz) | Ant. (dB/m) | Cable (dB) | AMP (dB) | Emission | | | | |
|-----|----------------|----------------|---------------|-------------|----------|-------|--------|-------------------|-------------------|
| | | | | | Factor | Loss | factor | Reading (dBuV) | Level (dBuV/m) |
| 1 | 4874.000 | 33.25 | 11.80 | 35.69 | 30.24 | 39.60 | 54.00 | 14.40 | Average |
| 2 | 4874.000 | 33.25 | 11.80 | 35.69 | 43.75 | 53.11 | 74.00 | 20.89 | Peak |

Remarks: 1. Emission Level = Antenna Factor + Cable Loss + Reading
-Amp Factor
2. The emission levels that are 20dB below the official
limit are not reported.

Prüfbericht - Nr.: **50050527 002**
Test Report No.Seite 100 von 181
Page 100 of 181

No.6 Ke Feng Road,Block 52,
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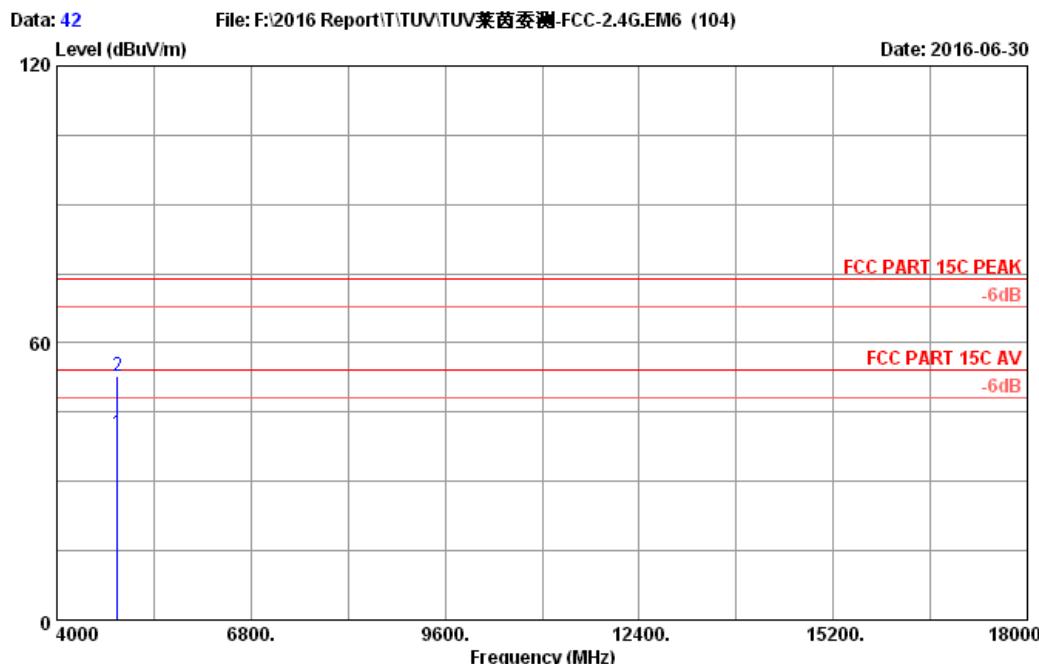
| | | | | |
|--------------|---|---------------------------------------|-------------|----------|
| Site no. | : | 3m Chamber | Data no. : | 41 |
| Dis. / Ant. | : | 3m 2015 3115-4877 | Ant. pol. : | VERTICAL |
| Limit | : | FCC PART 15C PEAK | | |
| Env. / Ins. | : | 23.5°C/52.4% | | |
| Engineer | : | zack_zhu | | |
| EUT | : | 11.6'' windows tablet | | |
| Power rating | : | DC 5V From Adapter Input AC 120V/60Hz | | |
| Test Mode | : | IEEE802.11g 2437MHz Tx Mode | | |
| | | M/N: NS-P11W7100 | | |

Prüfbericht - Nr.: **50050527 002**
Test Report No.

Seite 101 von 181
Page 101 of 181



No.6 Ke Feng Road, Block 52,
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Site no. : 3m Chamber Data no. : 42
Dis. / Ant. : 3m 2015 3115-4877 Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23.5°C/52.4%
Engineer : zack_zhu
EUT : 11.6'' windows tablet
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11g 2437MHz Tx Mode
M/N: NS-P11W7100

| No. | Freq. (MHz) | Ant. (dB/m) | Cable Factor (dB) | AMP factor (dB) | Emission | | | | |
|-----|----------------|----------------|-------------------------|-----------------------|-------------------|-------------------|--------------------|----------------|---------|
| | | | | | Reading (dBuV) | Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark |
| 1 | 4874.000 | 33.25 | 11.80 | 35.69 | 31.24 | 40.60 | 54.00 | 13.40 | Average |
| 2 | 4874.000 | 33.25 | 11.80 | 35.69 | 43.58 | 52.94 | 74.00 | 21.06 | Peak |

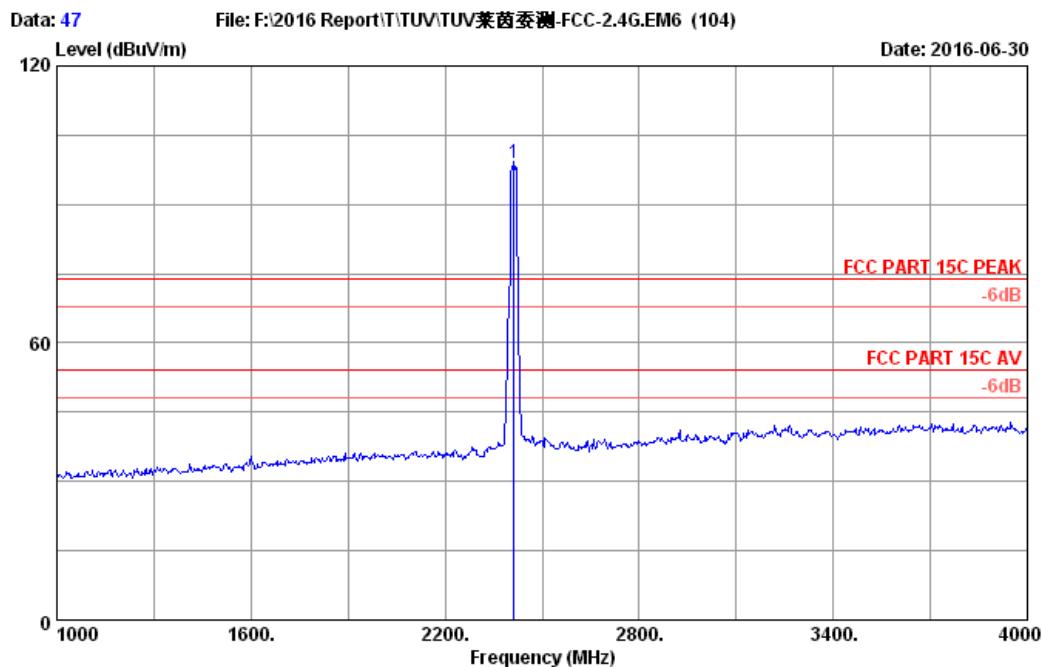
Remarks: 1. Emission Level = Antenna Factor + Cable Loss + Reading
-Amp Factor
2. The emission levels that are 20dB below the official
limit are not reported.

Prüfbericht - Nr.: **50050527 002**
Test Report No.

Seite 102 von 181
Page 102 of 181



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Postcode: 518057



Site no. : 3m Chamber Data no. : 47
Dis. / Ant. : 3m 2015 3115-4877 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23.5°C/52.4%
Engineer : zack_zhu
EUT : 11.6'' windows tablet
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11g 2412MHz Tx Mode
M/N: NS-P11W7100

| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | AMP factor (dB) | Emission | | | |
|-----|----------------|--------------------------|-----------------------|-----------------------|-------------------|-------------------|--------------------|----------------|
| | | | | | Reading (dBuV) | Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) |
| 1 | 2412.000 | 28.29 | 8.35 | 36.39 | 98.76 | 99.01 | 74.00 | -25.01 Peak |

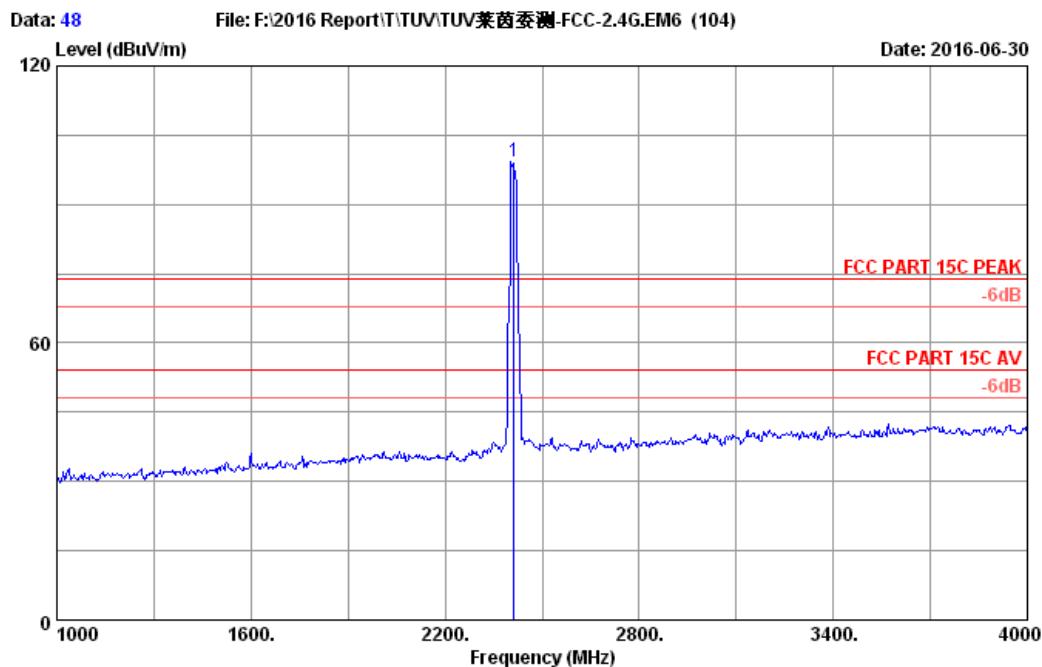
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
-Amp Factor
2. The emission levels that are 20dB below the official
limit are not reported.

Prüfbericht - Nr.: **50050527 002**
Test Report No.

Seite 103 von 181
Page 103 of 181



No.6 Ke Feng Road, Block 52,
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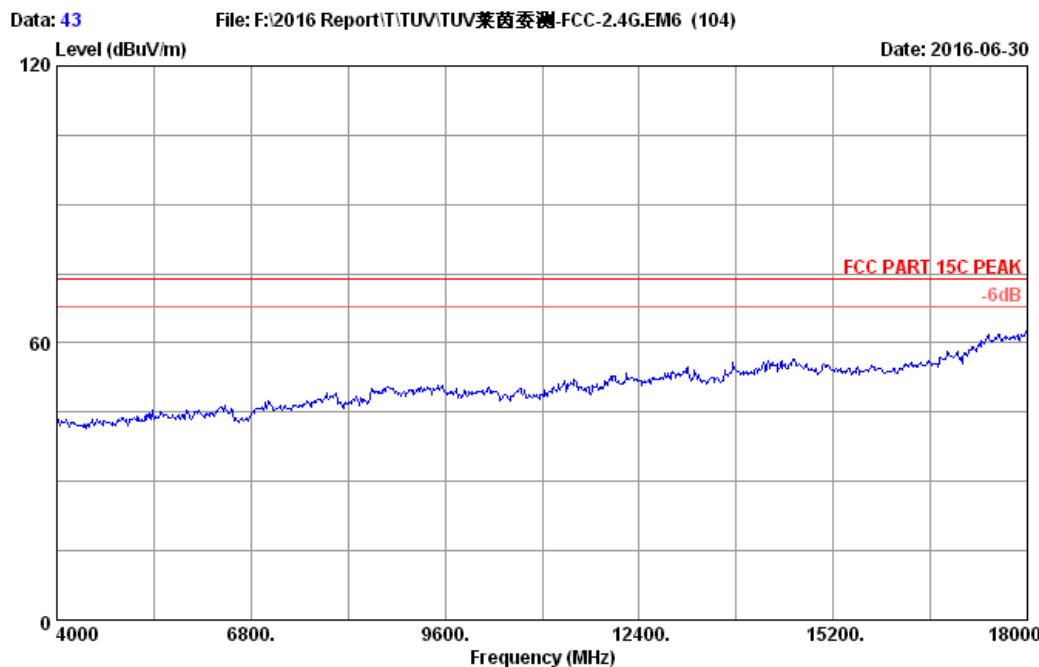
Site no. : 3m Chamber Data no. : 48
Dis. / Ant. : 3m 2015 3115-4877 Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23.5°C/52.4%
Engineer : zack_zhu
EUT : 11.6'' windows tablet
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11g 2412MHz Tx Mode
M/N: NS-P11W7100

| No. | Freq. (MHz) | Ant. (dB/m) | Cable Factor (dB) | AMP factor (dB) | Emission | | | |
|-----|----------------|----------------|-------------------------|-----------------------|-------------------|-------------------|--------------------|----------------|
| | | | | | Reading (dBuV) | Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) |
| 1 | 2412.000 | 28.29 | 8.35 | 36.39 | 98.86 | 99.11 | 74.00 | -25.11 Peak |

Remarks: 1. Emission Level = Antenna Factor + Cable Loss + Reading
-Amp Factor
2. The emission levels that are 20dB below the official
limit are not reported.

Prüfbericht - Nr.: **50050527 002**
Test Report No.Seite 104 von 181
Page 104 of 181

No.6 Ke Feng Road,Block 52,
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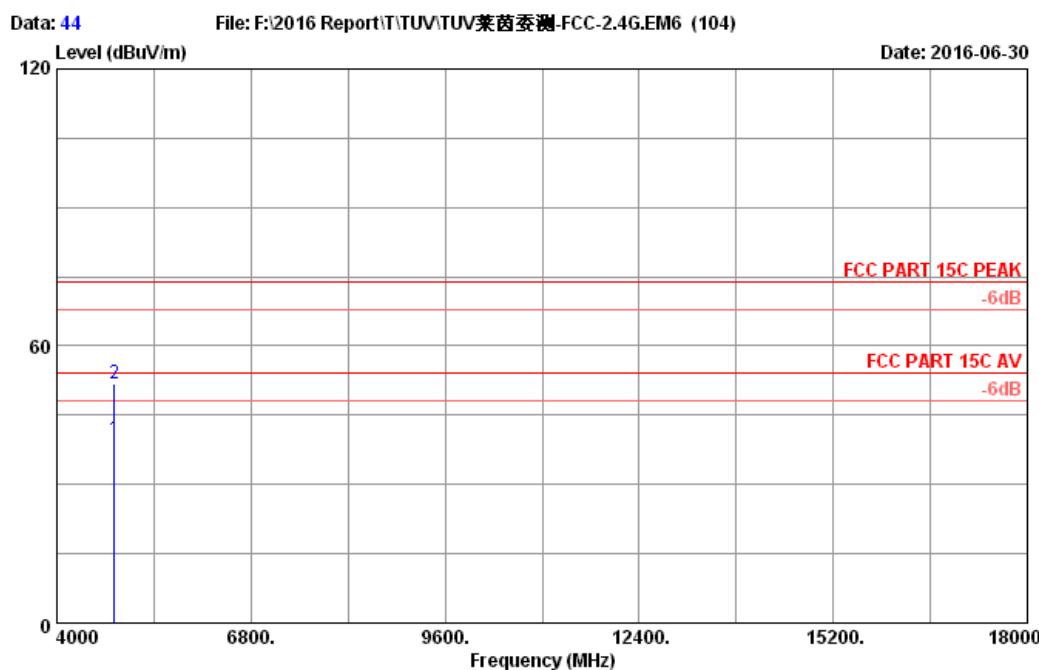
| | | | | |
|--------------|---|---------------------------------------|-------------|------------|
| Site no. | : | 3m Chamber | Data no. : | 43 |
| Dis. / Ant. | : | 3m 2015 3115-4877 | Ant. pol. : | HORIZONTAL |
| Limit | : | FCC PART 15C PEAK | | |
| Env. / Ins. | : | 23.5°C/52.4% | | |
| Engineer | : | zack_zhu | | |
| EUT | : | 11.6'' windows tablet | | |
| Power rating | : | DC 5V From Adapter Input AC 120V/60Hz | | |
| Test Mode | : | IEEE802.11g 2412MHz Tx Mode | | |
| | | M/N: NS-P11W7100 | | |

Prüfbericht - Nr.: **50050527 002**
Test Report No.

Seite 105 von 181
Page 105 of 181



No.6 Ke Feng Road, Block 52,
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Site no. : 3m Chamber Data no. : 44
Dis. / Ant. : 3m 2015 3115-4877 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23.5°C/52.4%
Engineer : zack_zhu
EUT : 11.6'' windows tablet
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11g 2412MHz Tx Mode
M/N: NS-P11W7100

| No. | Freq. (MHz) | Ant. (dB/m) | Cable (dB) | AMP (dB) | Emission | | | | |
|-----|----------------|----------------|---------------|-------------|----------|-------|--------|-------------------|-------------------|
| | | | | | Factor | Loss | factor | Reading (dBuV) | Level (dBuV/m) |
| 1 | 4824.000 | 33.15 | 11.77 | 35.68 | 30.55 | 39.79 | 54.00 | 14.21 | Average |
| 2 | 4824.000 | 33.15 | 11.77 | 35.68 | 42.59 | 51.83 | 74.00 | 22.17 | Peak |

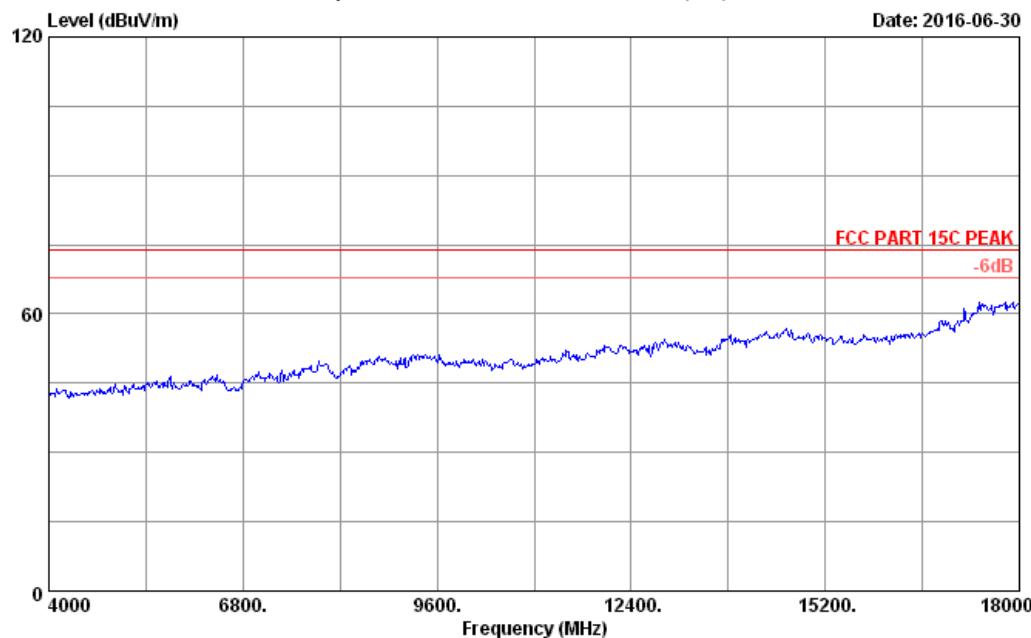
Remarks: 1. Emission Level = Antenna Factor + Cable Loss + Reading
-Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.

Prüfbericht - Nr.: **50050527 002**
Test Report No.Seite 106 von 181
Page 106 of 181

No.6 Ke Feng Road,Block 52,
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Postcode:518057

Data: 45

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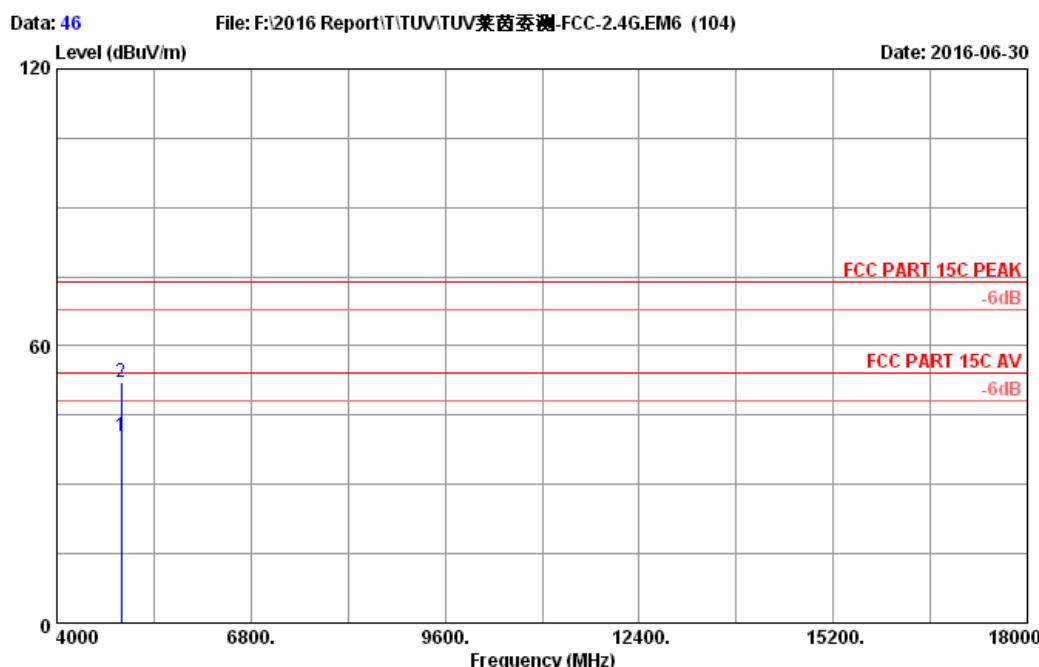
| | | | | |
|--------------|---|---------------------------------------|-------------|----------|
| Site no. | : | 3m Chamber | Data no. : | 45 |
| Dis. / Ant. | : | 3m 2015 3115-4877 | Ant. pol. : | VERTICAL |
| Limit | : | FCC PART 15C PEAK | | |
| Env. / Ins. | : | 23.5°C/52.4% | | |
| Engineer | : | zack_zhu | | |
| EUT | : | 11.6'' windows tablet | | |
| Power rating | : | DC 5V From Adapter Input AC 120V/60Hz | | |
| Test Mode | : | IEEE802.11g 2412MHz Tx Mode | | |
| | | M/N: NS-P11W7100 | | |

Prüfbericht - Nr.: **50050527 002**
Test Report No.

Seite 107 von 181
Page 107 of 181



No.6 Ke Feng Road, Block 52,
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Site no. : 3m Chamber Data no. : 46
Dis. / Ant. : 3m 2015 3115-4877 Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23.5°C/52.4%
Engineer : zack_zhu
EUT : 11.6'' windows tablet
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11g 2412MHz Tx Mode
M/N: NS-P11W7100

| No. | Freq. (MHz) | Ant. (MHz) | Cable Factor (dB/m) | AMP factor (dB) | Emission | | | | |
|-----|----------------|---------------|---------------------------|-----------------------|-------------------|-------------------|--------------------|----------------|---------|
| | | | | | Reading (dBuV) | Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark |
| 1 | 4924.000 | 33.35 | 11.83 | 35.70 | 31.03 | 40.51 | 54.00 | 13.49 | Average |
| 2 | 4924.000 | 33.35 | 11.83 | 35.70 | 42.74 | 52.22 | 74.00 | 21.78 | Peak |

Remarks: 1. Emission Level = Antenna Factor + Cable Loss + Reading
-Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.

Prüfbericht - Nr.: **50050527 002**
Test Report No.

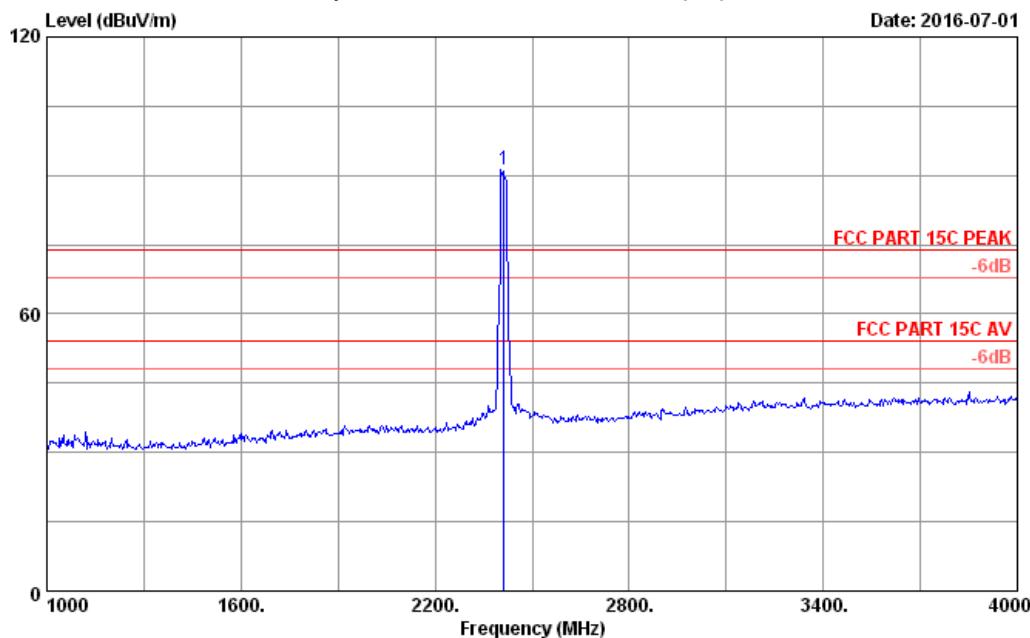
Seite 108 von 181
Page 108 of 181



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Data: 57

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Site no. : 3m Chamber Data no. : 57
Dis. / Ant. : 3m 2015 3115-4877 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23.5°C/52.4%
Engineer : zack_zhu
EUT : 11.6'' windows tablet
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11nHT20 2412MHz Tx Mode
M/N: NS-P11W7100

| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | AMP factor (dB) | Emission | | | |
|-----|----------------|--------------------------|-----------------------|-----------------------|-------------------|-------------------|--------------------|----------------|
| | | | | | Reading (dBuV) | Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) |
| 1 | 2412.000 | 28.29 | 8.35 | 36.39 | 91.00 | 91.25 | 74.00 | -17.25 Peak |

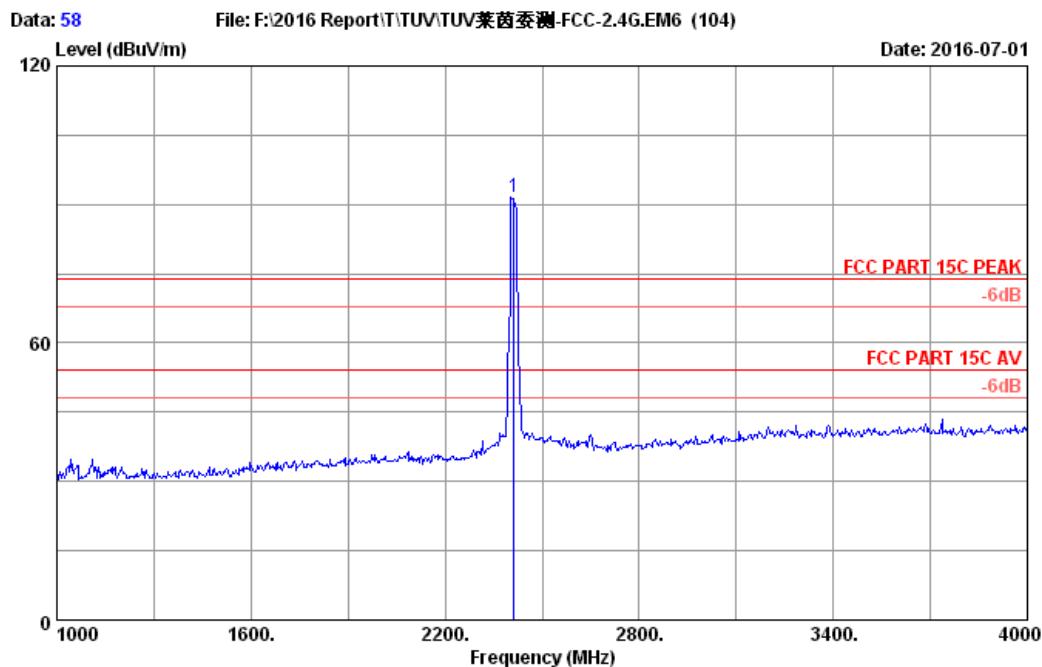
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
-Amp Factor
2. The emission levels that are 20dB below the official
limit are not reported.

Prüfbericht - Nr.: **50050527 002**
Test Report No.

Seite 109 von 181
Page 109 of 181



No.6 Ke Feng Road, Block 52,
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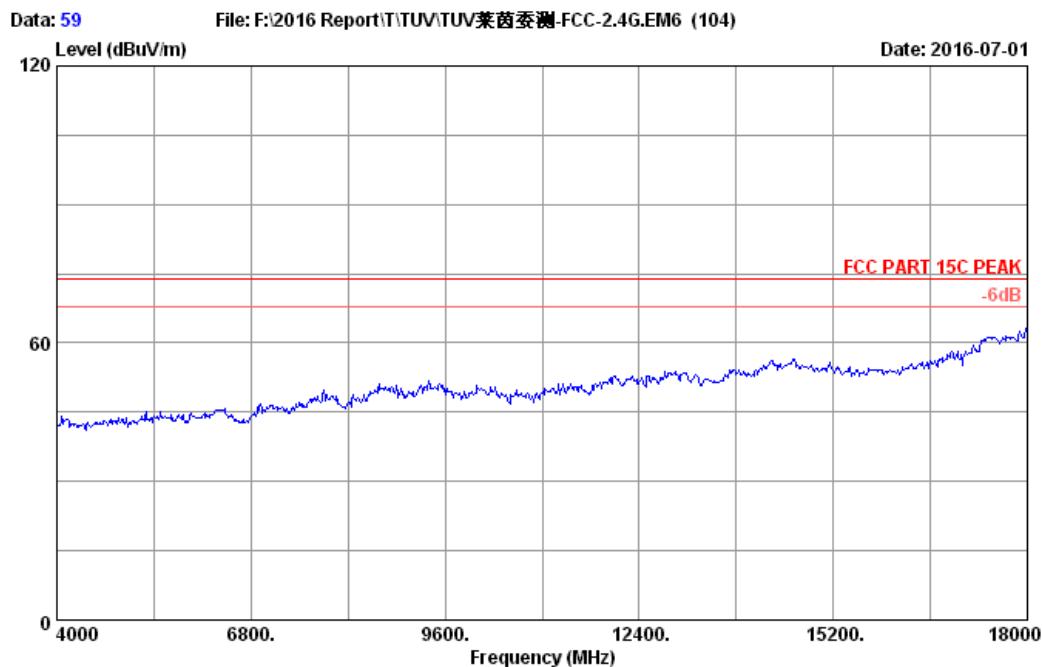
Site no. : 3m Chamber Data no. : 58
Dis. / Ant. : 3m 2015 3115-4877 Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23.5°C/52.4%
Engineer : zack_zhu
EUT : 11.6'' windows tablet
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11nHT20 2412MHz Tx Mode
M/N: NS-P11W7100

| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | AMP factor (dB) | Emission | | | |
|-----|----------------|--------------------------|-----------------------|-----------------------|-------------------|-------------------|--------------------|----------------|
| | | | | | Reading (dBuV) | Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) |
| 1 | 2412.000 | 28.29 | 8.35 | 36.39 | 91.50 | 91.75 | 74.00 | -17.75 Peak |

Remarks: 1. Emission Level = Antenna Factor + Cable Loss + Reading
-Amp Factor
2. The emission levels that are 20dB below the official
limit are not reported.

Prüfbericht - Nr.: **50050527 002**
Test Report No.Seite 110 von 181
Page 110 of 181

No.6 Ke Feng Road,Block 52,
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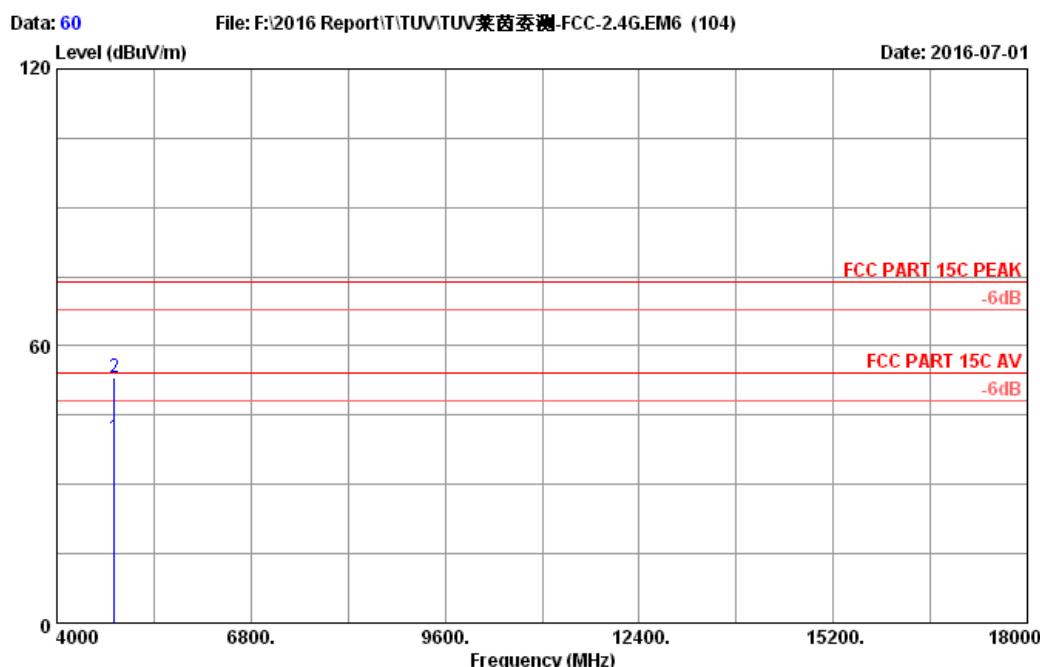
Site no. : 3m Chamber Data no. : 59
Dis. / Ant. : 3m 2015 3115-4877 Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23.5°C/52.4%
Engineer : zack_zhu
EUT : 11.6'' windows tablet
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11nHT20 2412MHz Tx Mode
M/N: NS-P11W7100

Prüfbericht - Nr.: **50050527 002**
Test Report No.

Seite 111 von 181
Page 111 of 181



No.6 Ke Feng Road, Block 52,
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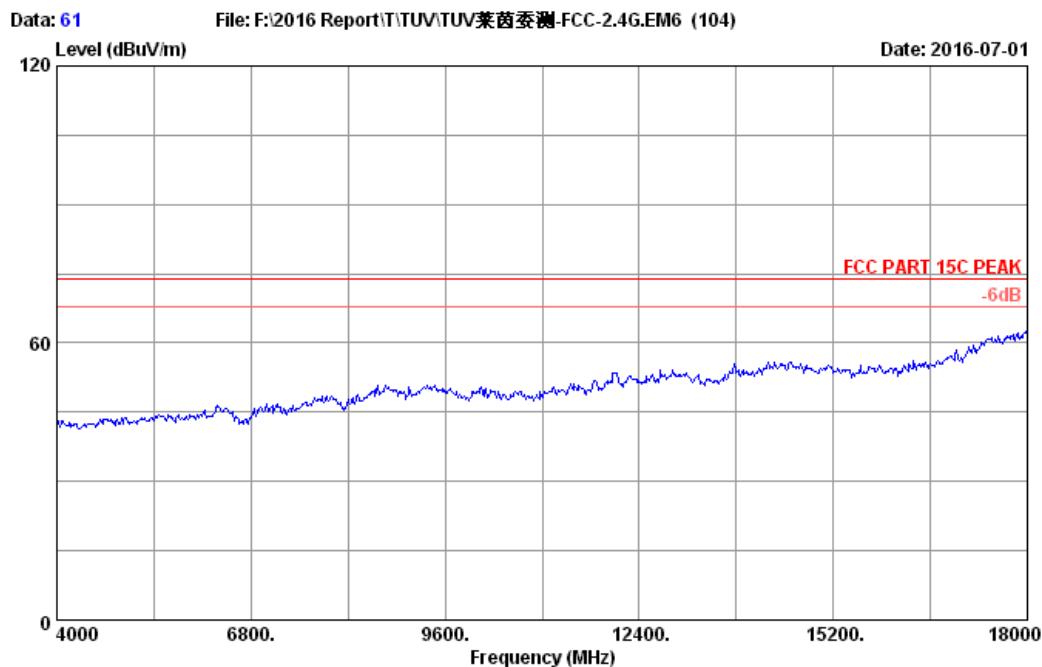
Site no. : 3m Chamber Data no. : 60
Dis. / Ant. : 3m 2015 3115-4877 Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23.5°C/52.4%
Engineer : zack_zhu
EUT : 11.6'' windows tablet
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11nHT20 2412MHz Tx Mode
M/N: NS-P11W7100

| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | AMP factor (dB) | Emission | | | | |
|-----|----------------|--------------------------|-----------------------|-----------------------|-------------------|-------------------|--------------------|----------------|---------|
| | | | | | Reading (dBuV) | Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark |
| 1 | 4824.000 | 33.15 | 11.77 | 35.68 | 31.04 | 40.28 | 54.00 | 13.72 | Average |
| 2 | 4824.000 | 33.15 | 11.77 | 35.68 | 43.81 | 53.05 | 74.00 | 20.95 | Peak |

Remarks: 1. Emission Level = Antenna Factor + Cable Loss + Reading
-Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.

Prüfbericht - Nr.: **50050527 002**
Test Report No.Seite 112 von 181
Page 112 of 181

No.6 Ke Feng Road,Block 52,
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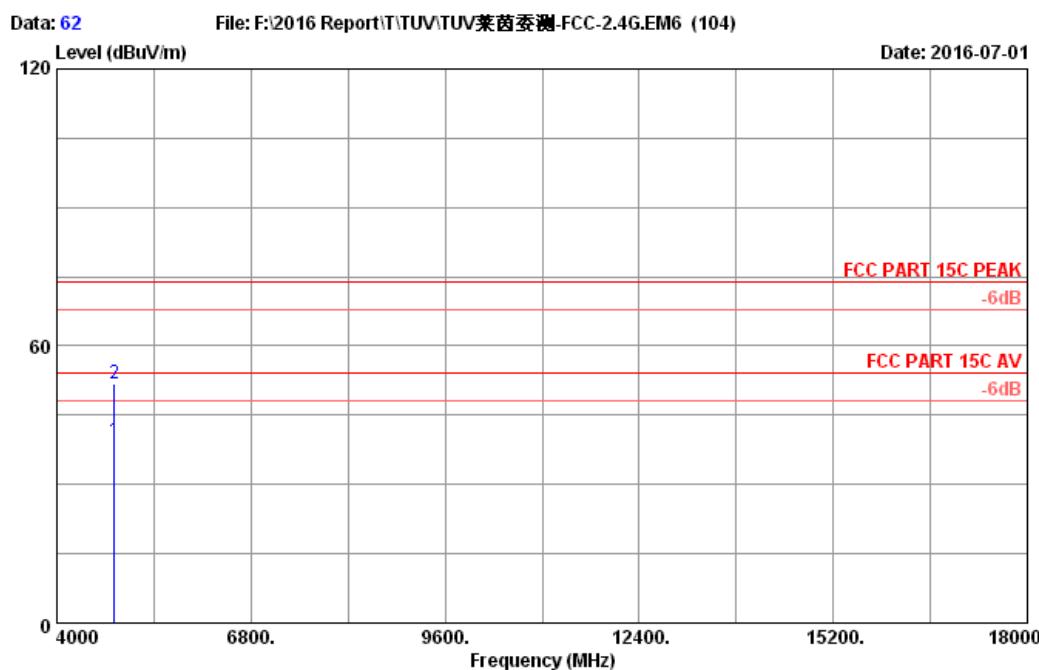
| | | | | |
|--------------|---|---------------------------------------|-------------|------------|
| Site no. | : | 3m Chamber | Data no. : | 61 |
| Dis. / Ant. | : | 3m 2015 3115-4877 | Ant. pol. : | HORIZONTAL |
| Limit | : | FCC PART 15C PEAK | | |
| Env. / Ins. | : | 23.5°C/52.4% | | |
| Engineer | : | zack_zhu | | |
| EUT | : | 11.6'' windows tablet | | |
| Power rating | : | DC 5V From Adapter Input AC 120V/60Hz | | |
| Test Mode | : | IEEE802.11nHT20 2412MHz Tx Mode | | |
| | | M/N: NS-P11W7100 | | |

Prüfbericht - Nr.: **50050527 002**
Test Report No.

Seite 113 von 181
Page 113 of 181



No.6 Ke Feng Road, Block 52,
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Site no. : 3m Chamber Data no. : 62
 Dis. / Ant. : 3m 2015 3115-4877 Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 23.5°C/52.4%
 Engineer : zack_zhu
 EUT : 11.6'' windows tablet
 Power rating : DC 5V From Adapter Input AC 120V/60Hz
 Test Mode : IEEE802.11nHT20 2412MHz Tx Mode
 M/N: NS-P11W7100

| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | AMP factor (dB) | Emission | | | | |
|-----|----------------|--------------------------|-----------------------|-----------------------|-------------------|-------------------|--------------------|----------------|---------|
| | | | | | Reading (dBuV) | Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark |
| 1 | 4826.000 | 33.15 | 11.77 | 35.68 | 30.05 | 39.29 | 54.00 | 14.71 | Average |
| 2 | 4826.000 | 33.15 | 11.77 | 35.68 | 42.42 | 51.66 | 74.00 | 22.34 | Peak |

Remarks: 1. Emission Level = Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official limit are not reported.

Prüfbericht - Nr.: **50050527 002**
Test Report No.

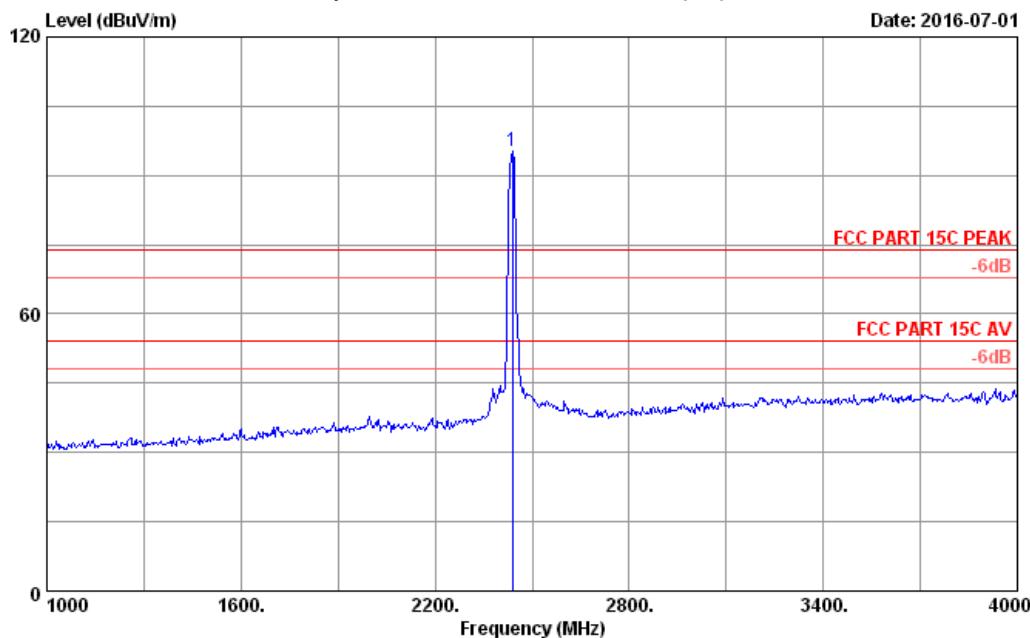
Seite 114 von 181
Page 114 of 181



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Data: 67

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Site no. : 3m Chamber Data no. : 67
Dis. / Ant. : 3m 2015 3115-4877 Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23.5°C/52.4%
Engineer : zack_zhu
EUT : 11.6'' windows tablet
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11nHT20 2437MHz Tx Mode
M/N: NS-P11W7100

| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | AMP factor (dB) | Emission | | | |
|-----|----------------|--------------------------|-----------------------|-----------------------|-------------------|-------------------|--------------------|----------------|
| | | | | | Reading (dBuV) | Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) |
| 1 | 2440.000 | 28.33 | 8.38 | 36.38 | 94.81 | 95.14 | 74.00 | -21.14 Peak |

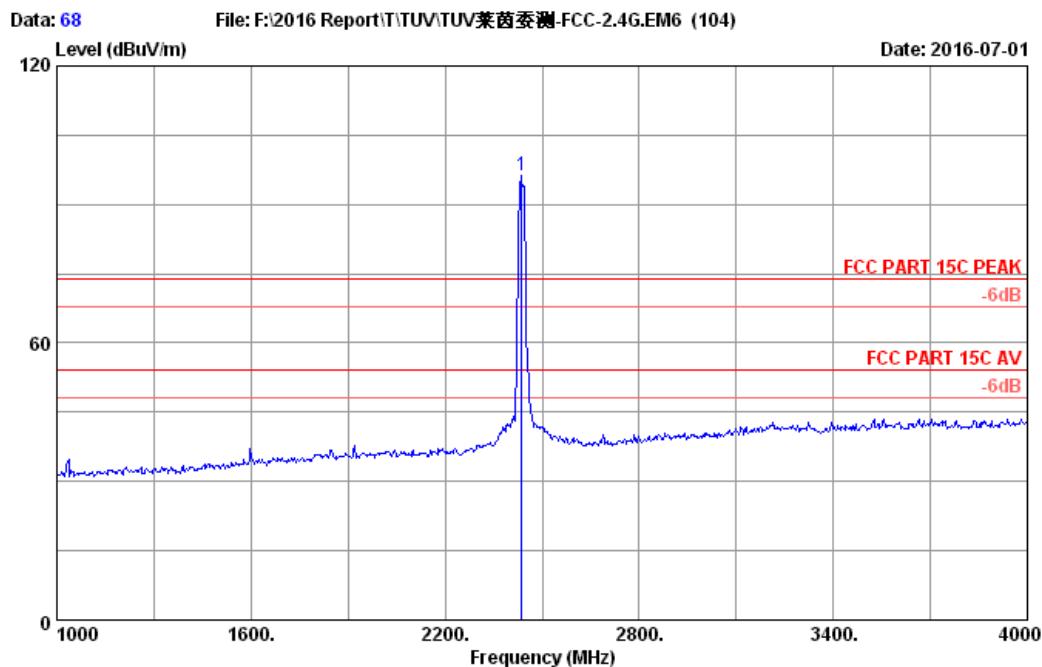
Remarks: 1. Emission Level = Antenna Factor + Cable Loss + Reading
-Amp Factor
2. The emission levels that are 20dB below the official
limit are not reported.

Prüfbericht - Nr.: **50050527 002**
Test Report No.

Seite 115 von 181
Page 115 of 181



No.6 Ke Feng Road, Block 52,
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Site no. : 3m Chamber Data no. : 68
Dis. / Ant. : 3m 2015 3115-4877 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23.5°C/52.4%
Engineer : zack_zhu
EUT : 11.6'' windows tablet
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11nHT20 2437MHz Tx Mode
M/N: NS-P11W7100

| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | AMP factor (dB) | Emission | | | |
|-----|----------------|--------------------------|-----------------------|-----------------------|-------------------|-------------------|--------------------|----------------|
| | | | | | Reading (dBuV) | Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) |
| 1 | 2437.000 | 28.32 | 8.38 | 36.38 | 95.85 | 96.17 | 74.00 | -22.17 Peak |

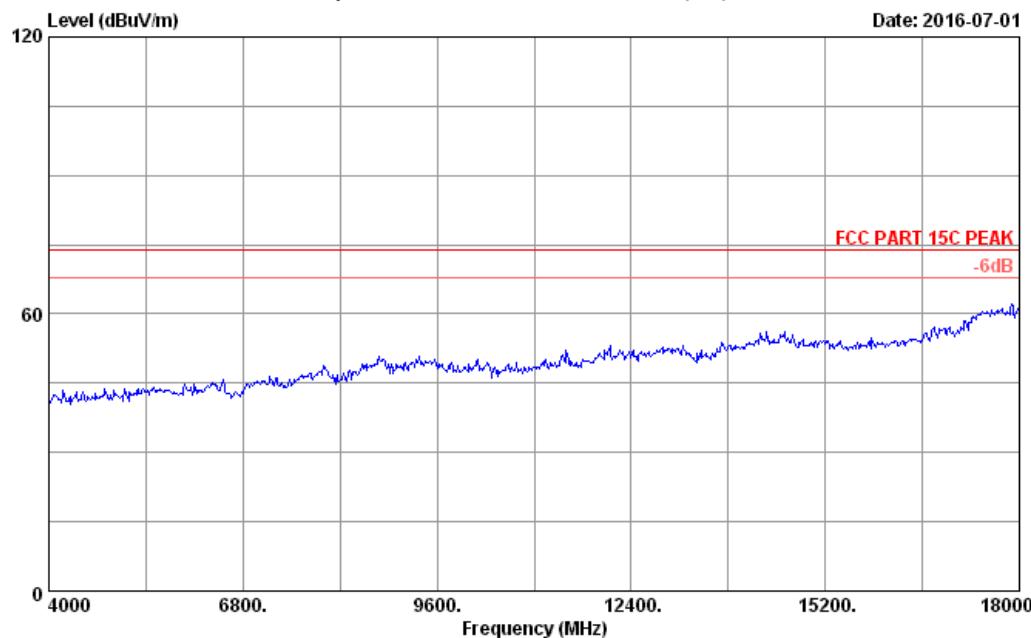
Remarks: 1. Emission Level = Antenna Factor + Cable Loss + Reading
-Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.

Prüfbericht - Nr.: **50050527 002**
Test Report No.Seite 116 von 181
Page 116 of 181

No.6 Ke Feng Road,Block 52,
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Data: 63

File: F:\2016 Report\T\TUV\TUV茱茵委測-FCC-2.4G.EM6 (104)



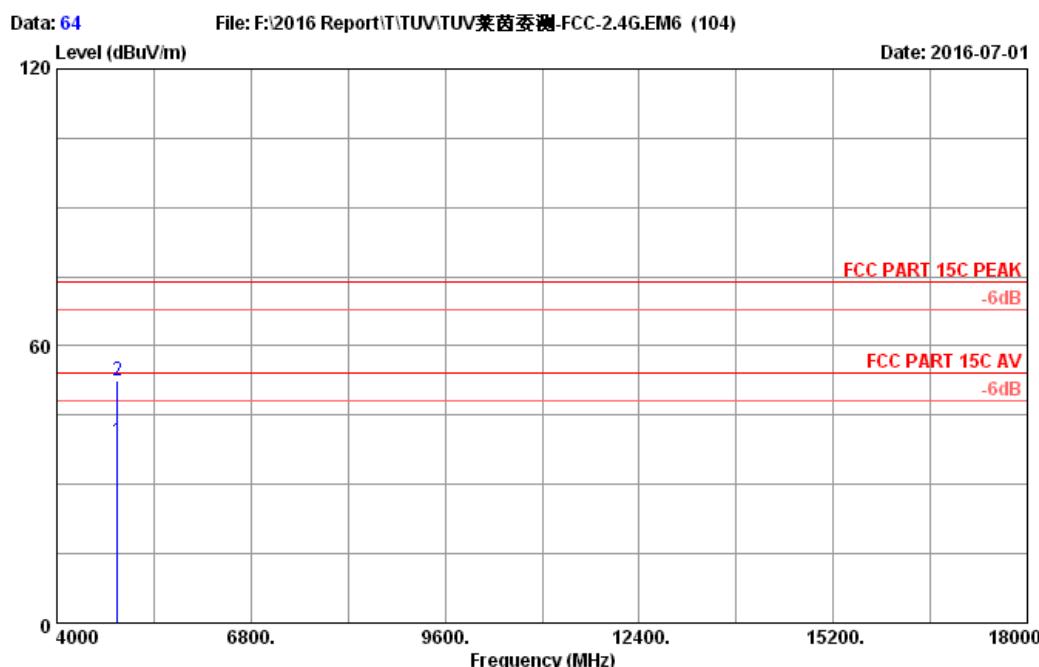
| | | | | |
|--------------|---|---------------------------------------|-------------|------------|
| Site no. | : | 3m Chamber | Data no. : | 63 |
| Dis. / Ant. | : | 3m 2015 3115-4877 | Ant. pol. : | HORIZONTAL |
| Limit | : | FCC PART 15C PEAK | | |
| Env. / Ins. | : | 23.5°C/52.4% | | |
| Engineer | : | zack_zhu | | |
| EUT | : | 11.6'' windows tablet | | |
| Power rating | : | DC 5V From Adapter Input AC 120V/60Hz | | |
| Test Mode | : | IEEE802.11nHT20 2437MHz Tx Mode | | |
| | | M/N: NS-P11W7100 | | |

Prüfbericht - Nr.: **50050527 002**
Test Report No.

Seite 117 von 181
Page 117 of 181



No.6 Ke Feng Road, Block 52,
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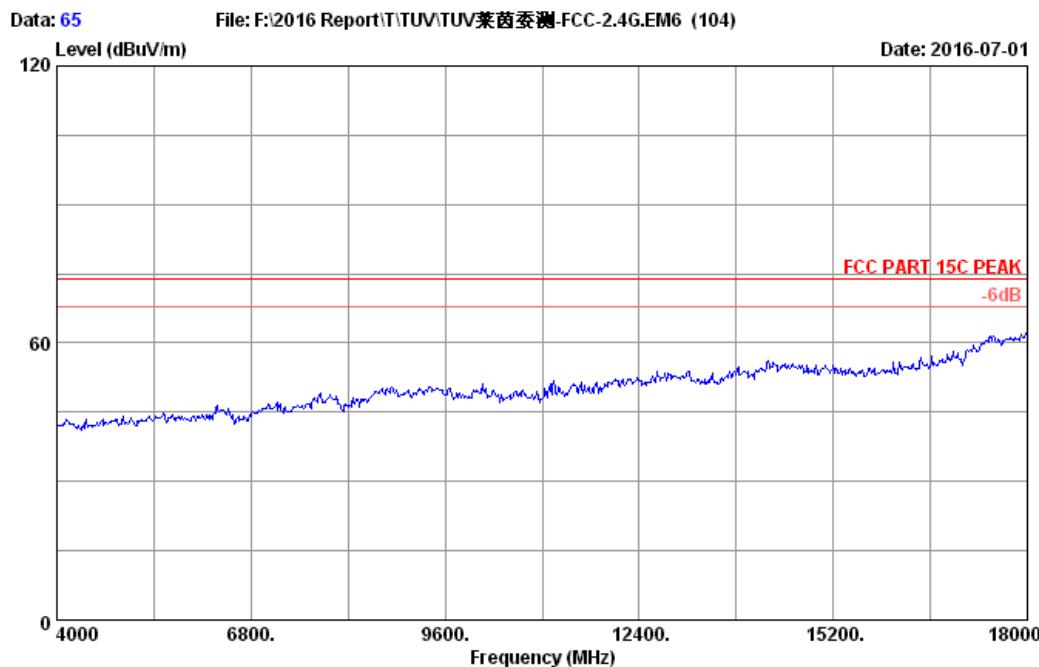
Site no. : 3m Chamber Data no. : 64
Dis. / Ant. : 3m 2015 3115-4877 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23.5°C/52.4%
Engineer : zack_zhu
EUT : 11.6'' windows tablet
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11nHT20 2437MHz Tx Mode
M/N: NS-P11W7100

| No. | Freq. (MHz) | Ant. (dB/m) | Cable Factor (dB) | AMP factor (dB) | Emission | | | | |
|-----|----------------|----------------|-------------------------|-----------------------|-------------------|-------------------|--------------------|----------------|---------|
| | | | | | Reading (dBuV) | Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark |
| 1 | 4874.000 | 33.25 | 11.80 | 35.69 | 30.14 | 39.50 | 54.00 | 14.50 | Average |
| 2 | 4874.000 | 33.25 | 11.80 | 35.69 | 42.98 | 52.34 | 74.00 | 21.66 | Peak |

Remarks: 1. Emission Level = Antenna Factor + Cable Loss + Reading
-Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.

Prüfbericht - Nr.: **50050527 002**
Test Report No.Seite 118 von 181
Page 118 of 181

No.6 Ke Feng Road,Block 52,
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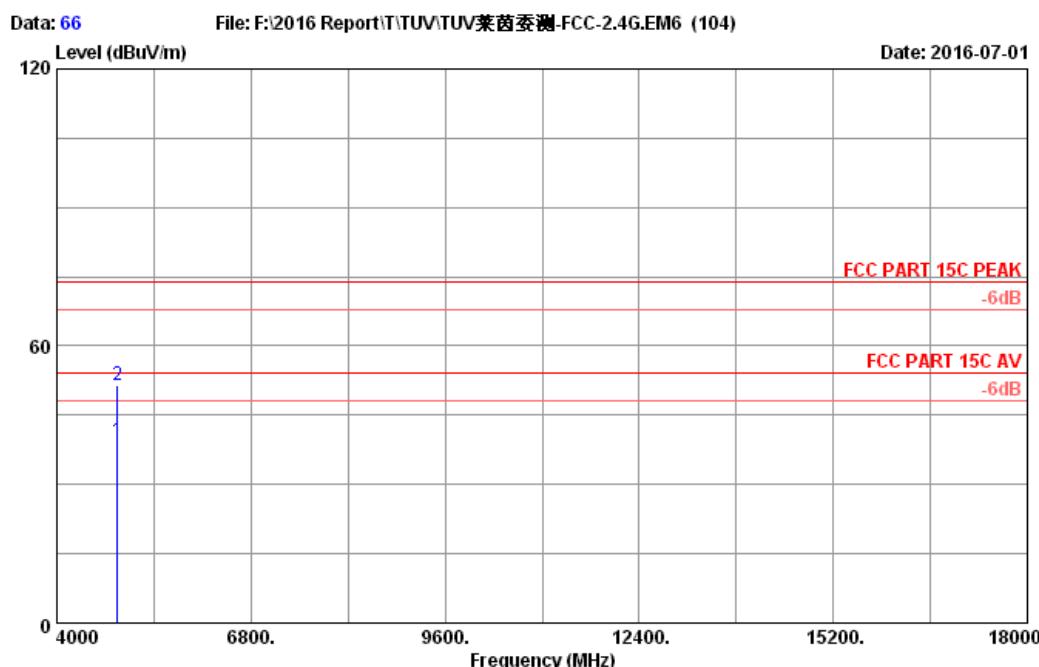
| | | | | |
|--------------|---|---------------------------------------|-------------|----------|
| Site no. | : | 3m Chamber | Data no. : | 65 |
| Dis. / Ant. | : | 3m 2015 3115-4877 | Ant. pol. : | VERTICAL |
| Limit | : | FCC PART 15C PEAK | | |
| Env. / Ins. | : | 23.5°C/52.4% | | |
| Engineer | : | zack_zhu | | |
| EUT | : | 11.6'' windows tablet | | |
| Power rating | : | DC 5V From Adapter Input AC 120V/60Hz | | |
| Test Mode | : | IEEE802.11nHT20 2437MHz Tx Mode | | |
| | | M/N: NS-P11W7100 | | |

Prüfbericht - Nr.: **50050527 002**
Test Report No.

Seite 119 von 181
Page 119 of 181



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Postcode: 518057



Site no. : 3m Chamber Data no. : 66
Dis. / Ant. : 3m 2015 3115-4877 Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23.5°C/52.4%
Engineer : zack_zhu
EUT : 11.6'' windows tablet
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11nHT20 2437MHz Tx Mode
M/N: NS-P11W7100

| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | AMP factor (dB) | Emission | | | | |
|-----|----------------|--------------------------|-----------------------|-----------------------|-------------------|-------------------|--------------------|----------------|---------|
| | | | | | Reading (dBuV) | Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark |
| 1 | 4874.000 | 33.25 | 11.80 | 35.69 | 30.21 | 39.57 | 54.00 | 14.43 | Average |
| 2 | 4874.000 | 33.25 | 11.80 | 35.69 | 42.26 | 51.62 | 74.00 | 22.38 | Peak |

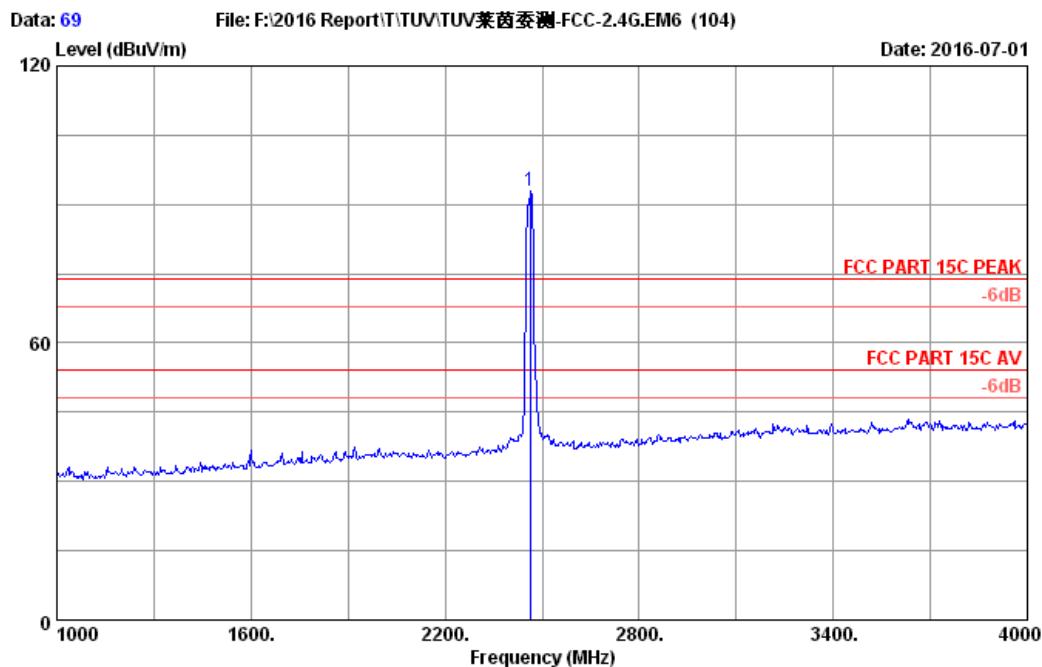
Remarks: 1. Emission Level = Antenna Factor + Cable Loss + Reading
-Amp Factor
2. The emission levels that are 20dB below the official
limit are not reported.

Prüfbericht - Nr.: **50050527 002**
Test Report No.

Seite 120 von 181
Page 120 of 181



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Site no. : 3m Chamber Data no. : 69
 Dis. / Ant. : 3m 2015 3115-4877 Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 23.5°C/52.4%
 Engineer : zack_zhu
 EUT : 11.6'' windows tablet
 Power rating : DC 5V From Adapter Input AC 120V/60Hz
 Test Mode : IEEE802.11nHT20 2462MHz Tx Mode
 M/N: NS-P11W7100

| No. | Freq. (MHz) | Ant. (dB/m) | Cable Factor (dB) | AMP factor (dB) | Emission | | | |
|-----|----------------|----------------|-------------------------|-----------------------|-------------------|-------------------|--------------------|----------------|
| | | | | | Reading (dBuV) | Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) |
| 1 | 2464.000 | 28.36 | 8.40 | 36.38 | 92.61 | 92.99 | 74.00 | -18.99 Peak |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.