# FCC Test Report

| | | |
|---|---|---|
| Equipment | : | 802.11 b/g/n RTL8723DE Combo module |
| Brand Name | : | REALTEK |
| Model No. | : | RTL8723DE |
| FCC ID | : | TX2-RTL8723DE |
| Standard | : | 47 CFR FCC Part 15.247 |
| Operating Band | : | 2400 MHz – 2483.5 MHz |
| Function | : | ☒ Point-to-multipoint; ☐ Point-to-point |
| Applicant | : | Realtek Semiconductor Corp.<br>No. 2,Innovation Road II, Hsinchu Science Park,<br>Hsinchu 300,Taiwan |
| Manufacturer | : | Realtek Semiconductor Corp.<br>No. 2,Innovation Road II, Hsinchu Science Park,<br>Hsinchu 300,Taiwan |

The product sample received on Nov. 01, 2016 and completely tested on Nov. 29, 2016. We, SPORTON, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC., the test report shall not be reproduced except in full.

Sam Chen
SPORTON INTERNATIONAL INC.

Testing Laboratory
1190

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# Summary of Test Result

| Conformance Test Specifications | | | | |
|---|---|---|---|---|
| **Report Clause** | **Ref. Std. Clause** | **Description** | **Limit** | **Result** |
| 1.1.2 | 15.203 | Antenna Requirement | FCC 15.203 | Complied |
| 3.1 | 15.207 | AC Power-line Conducted Emissions | FCC 15.207 | Complied |
| 3.2 | 15.247(d) | Emissions in Non-restricted Frequency Bands | Non-Restricted Bands: > 30 dBc | Complied |
| 3.3 | 15.247(d) | Emissions in Restricted Frequency Bands | Restricted Bands: FCC 15.209 | Complied |

# Revision History

| Report No. | Version | Description | Issued Date |
|---|---|---|---|
| FR5D1601-03AA | Rev. 01 | Initial issue of report | Dec. 13, 2016 |
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# 1 General Description

## 1.1 Information

### 1.1.1 RF General Information

| Frequency Range (MHz) | IEEE Std. 802.11 | Ch. Frequency (MHz) | Channel Number |
|---|---|---|---|
| 2400-2483.5 | b, g, n (HT20) | 2412-2472 | 1-13 [13] |
| 2400-2483.5 | n (HT40) | 2422-2462 | 3-11 [9] |

| Band | Mode | BWch (MHz) | Nant |
|---|---|---|---|
| 2.4G | 11b | 20 | 1 |
| 2.4G | 11g | 20 | 1 |
| 2.4G | 11n | 20 | 1 |
| 2.4G | 11n | 40 | 1 |

Note:
- 2.4G is the 2.4GHz Band (2.4-2.4835GHz).
- 11b mode uses a combination of DSSS-DBPSK, DQPSK, CCK modulation.
- 11g, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- BWch is the nominal channel bandwidth.
- Nss-Min is the minimum number of spatial streams.
- Nant is the number of outputs. e.g., 2(2,3) means have 2 outputs for port 2 and port 3. 2 means have 2 outputs for port 1 and port 2.

### 1.1.2 Antenna Information

| Ant. | Brand | P/N | Antenna Type | Connector | Gain (dBi) |
|---|---|---|---|---|---|
| 1 | LYNwave | ALA110-222050-300011 | PIFA Antenna | I-PEX MHF4 | 3.5 |
| 2 | PSA | RFDPA171320EMLB301 | Dipole Antenna | I-PEX MHF4 | 3.14 |

Note1: The EUT has two antennas.

Note2: Chain 1 can connect to Ant. 1 or Ant. 2.

For WLAN 802.11b/g/n (1TX, 1RX) mode:

Chain 1 can be used as transmitting/receiving antenna.

For Bluetooth mode:

Chain 1 can be used as transmitting/receiving antenna.

### 1.1.3 Mode Test Duty Cycle

| Mode | DC | T(s) | VBW(Hz) ≥ 1/T |
|---|---|---|---|
| 11b | 1 | n/a (DC>=0.98) | n/a (DC>=0.98) |
| 11g | 0.981 | n/a (DC>=0.98) | n/a (DC>=0.98) |
| HT20 | 0.981 | n/a (DC>=0.98) | n/a (DC>=0.98) |
| HT40 | 0.997 | n/a (DC>=0.98) | n/a (DC>=0.98) |

### 1.1.4 EUT Operational Condition

| | | | | |
|---|---|---|---|---|
| **EUT Power Type** | From host system | | | |
| **Beamforming Function** | ☐ | With beamforming | ☒ | Without beamforming |

### 1.1.5 Table for Class II Change

This product is an extension of original one reported under Sporton project number: FR5D1601AA

Below is the table for the change of the product with respect to the original one.

| Modifications | Performance Checking |
|---|---|
| Adding an one-connector type module (fixed to CON1) for A+E key type | 1. AC Power-line Conducted Emissions<br>2. Emissions in Non-restricted Frequency Bands<br>3. Emissions in Restricted Frequency Bands |

Note: The above test items will be based on original output power to re-test.

## 1.2 Testing Applied Standards

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

- 47 CFR FCC Part 15
- ANSI C63.10-2013
- FCC KDB 558074 D01 v03r05
- FCC KDB 662911 D01 v02r01
- FCC KDB 412172 D01 v01

## 1.3 Testing Location Information

| Testing Location | | | | | | | |
|---|---|---|---|---|---|---|---|
| ☐ | HWA YA | ADD | : | No. 52, Hwa Ya 1st Rd., Kwei-Shan Hsiang, Tao Yuan Hsien, Taiwan, R.O.C. | | | |
| | | TEL | : | 886-3-327-3456 | FAX | : | 886-3-318-0055 |
| ☒ | JHUBEI | ADD | : | No.8, Lane 724, Bo-ai St., Jhubei City, HsinChu County 302, Taiwan, R.O.C. | | | |
| | | TEL | : | 886-3-656-9065 | FAX | : | 886-3-656-9085 |

| Test Condition | Test Site No. | Test Engineer | Test Environment | Test Date |
|---|---|---|---|---|
| AC Conduction | CO01-CB | Ryo Fan & Kane Liu | 22°C / 52% | Nov. 17, 2016 |
| Radiated | 03CH01-CB | Welson Chen & Paul Chen | 22°C / 54% | Nov. 22, 2016 ~ Nov. 29, 2016 |
| RF Conducted | TH01-CB | Welson Chen & Paul Chen | 22°C / 54% | Nov. 22, 2016 ~ Nov. 29, 2016 |

Test site Designation No. TW0006 with FCC.
Test site registered number IC 4086D with Industry Canada.

## 1.4 Measurement Uncertainty

ISO/IEC 17025 requires that an estimate of the measurement uncertainties associated with the emissions test results be included in the report. The measurement uncertainties given below are based on a 95% confidence level (based on a coverage factor (k=2)

| Test Items | Uncertainty | Remark |
|---|---|---|
| Conducted Emission (150kHz ~ 30MHz) | 3.2 dB | Confidence levels of 95% |
| Radiated Emission (30MHz ~ 1,000MHz) | 3.6 dB | Confidence levels of 95% |
| Radiated Emission (1GHz ~ 18GHz) | 3.7 dB | Confidence levels of 95% |
| Radiated Emission (18GHz ~ 40GHz) | 3.5 dB | Confidence levels of 95% |
| Conducted Emission | 1.7 dB | Confidence levels of 95% |

# 2 Test Configuration of EUT

## 2.1 Test Channel Mode

| Band | Mode | BWch (MHz) | Nss-Min | Nant | Ch. (MHz) | Range | Power Setting |
|---|---|---|---|---|---|---|---|
| 2.4G | 11b | 20 | 1 | 1 | 2412 | L | 37 |
| 2.4G | 11b | 20 | 1 | 1 | 2437 | M | 36 |
| 2.4G | 11b | 20 | 1 | 1 | 2462 | H | 35 |
| 2.4G | 11b | 20 | 1 | 1 | 2467 | H | 36 |
| 2.4G | 11b | 20 | 1 | 1 | 2472 | H | 21 |
| 2.4G | 11g | 20 | 1 | 1 | 2412 | L | 43 |
| 2.4G | 11g | 20 | 1 | 1 | 2437 | M | 45 |
| 2.4G | 11g | 20 | 1 | 1 | 2462 | H | 39 |
| 2.4G | 11g | 20 | 1 | 1 | 2467 | H | 39 |
| 2.4G | 11g | 20 | 1 | 1 | 2472 | H | 29 |
| 2.4G | HT20 | 20 | 1,(M0) | 1 | 2412 | L | 41 |
| 2.4G | HT20 | 20 | 1,(M0) | 1 | 2437 | M | 46 |
| 2.4G | HT20 | 20 | 1,(M0) | 1 | 2462 | H | 39 |
| 2.4G | HT20 | 20 | 1,(M0) | 1 | 2467 | H | 37 |
| 2.4G | HT20 | 20 | 1,(M0) | 1 | 2472 | H | 28 |
| 2.4G | HT40 | 40 | 1,(M0) | 1 | 2422 | L | 41 |
| 2.4G | HT40 | 40 | 1,(M0) | 1 | 2437 | M | 40 |
| 2.4G | HT40 | 40 | 1,(M0) | 1 | 2452 | H | 40 |
| 2.4G | HT40 | 40 | 1,(M0) | 1 | 2457 | H | 38 |
| 2.4G | HT40 | 40 | 1,(M0) | 1 | 2462 | H | 36 |

Note:
- Test range channel consist of L (Low Ch.), M (Middle Ch.), H (High Ch.), S (Single Ch.) and C (Straddle Band Ch.).

## 2.2 The Worst Case Measurement Configuration

| The Worst Case Mode for Following Conformance Tests | |
|---|---|
| **Tests Item** | AC power-line conducted emissions |
| **Condition** | AC power-line conducted measurement for line and neutral |
| **Operating Mode** | Normal Link |
| 1 | EUT + Ant. 1 |
| 2 | EUT + Ant. 2 |
| For operating mode 1 is the worst case and it was record in this test report. | |

| The Worst Case Mode for Following Conformance Tests | |
|---|---|
| **Tests Item** | Emissions in Non-restricted Frequency Bands |
| **Test Condition** | Conducted measurement at transmit chains |
| **Operating Mode** | Note |
| 1 | EUT + Ant. 1 |

| The Worst Case Mode for Following Conformance Tests | |
|---|---|
| **Tests Item** | Emissions in Restricted Frequency Bands |
| **Test Condition** | Radiated measurement<br>If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type. |
| **Operating Mode < 1GHz** | Normal Link |
| 1 | EUT in Z axis + Ant. 1 |
| 2 | EUT in Z axis + Ant. 2 |
| For operating mode 1 is the worst case and it was record in this test report. | |
| **Operating Mode > 1GHz** | CTX |
| | The EUT was performed at X axis, Y axis and Z axis position for Radiated emission above 1GHz test, and the worst case was found at Z axis. So the measurement will follow this same test configuration. |
| 1 | EUT in Z axis + Ant. 1 |
| 2 | EUT in Z axis + Ant. 2 |

| The Worst Case Mode for Following Conformance Tests | |
|---|---|
| **Tests Item** | Simultaneous Transmission Analysis |
| **Test Condition** | Radiated measurement |
| **Operating Mode** | Normal Link |
| 1 | EUT in X axis + Ant. 1 |
| 2 | EUT in Y axis + Ant. 1 |
| 3 | EUT in Z axis + Ant. 1 |
| Mode 3 has been evaluated to be the worst case among Mode 1~3, thus measurement for Mode 4 will follow this same test mode. | |
| 4 | EUT in Z axis + Ant. 2 |
| For operating Mode 3 is the worst case, so it was selected to record in this test report | |
| Refer to Sporton Test.: Appendix D for Radiated Emission Co-location. | |

Note: For Conducted measurement Test: only the higher gain antenna “Ant. 1” was selected to perform the test and recorded in this report.

## 2.3 EUT Operation during Test

For CTX Mode:

The EUT was programmed to be in continuously transmitting mode.

For Normal Link:

During the test, the EUT operation to normal function.

## 2.4 Accessories

N/A

## 2.5 Support Equipment

**For Test Site No: CO01-CB**

| Support Equipment | | | | |
|---|---|---|---|---|
| **No.** | **Equipment** | **Brand Name** | **Model Name** | **FCC ID** |
| 1 | AP Router | Planex | GW-AP54SGX | KA220030603014-1 |
| 2 | NB | DELL | E6430 | DoC |
| 3 | NB | DELL | E6430 | DoC |
| 4 | Test fixture*2 | Realtek | Ameba adapter | N/A |
| 5 | Device | REALTEK | RTL8723DE | TX2-RTL8723DE |
| 6 | Earphone | SHYARO CHI | MIC-04 | DoC |
| 7 | Mouse | Logitech | M-U0026 | DoC |

**For Test Site No: 03CH01-CB (below 1GHz)**

| Support Equipment | | | | |
|---|---|---|---|---|
| **No.** | **Equipment** | **Brand Name** | **Model Name** | **FCC ID** |
| 1 | NB | DELL | E4300 | DoC |
| 2 | NB | DELL | E4300 | DoC |
| 3 | WLAN AP | Netgear | R7500 | PY314300288 |
| 4 | Test fixture*2 | Realtek | Ameba adapter | NA |
| 5 | Device | REALTEK | RTL8723DE | TX2-RTL8723DE |
| 6 | Mouse | Logitech | M-U0026 | DoC |
| 7 | Earphone | SHYARO CHI | MIC-04 | DoC |

**For Test Site No: 03CH01-CB (above 1GHz)**

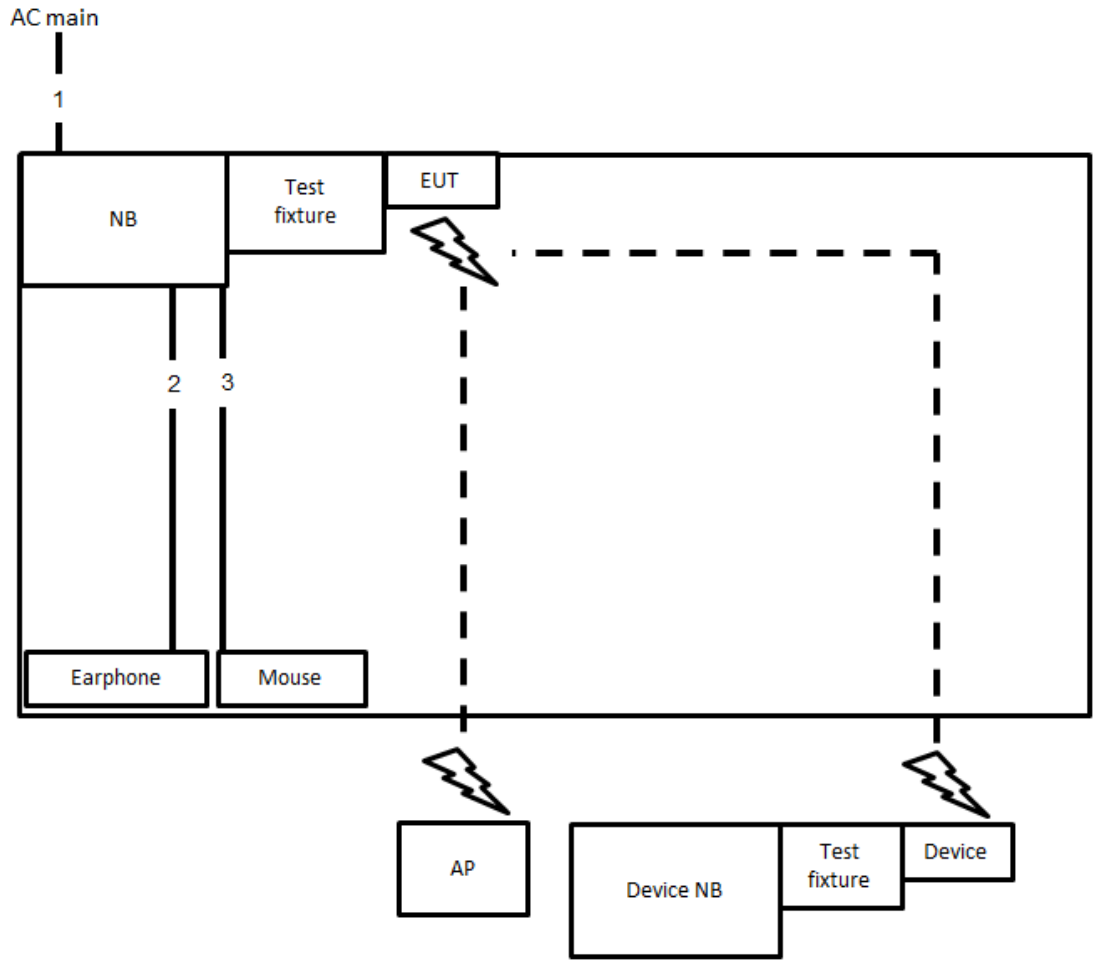
| Support Equipment | | | | |
|---|---|---|---|---|
| **No.** | **Equipment** | **Brand Name** | **Model Name** | **FCC ID** |
| 1 | NB | DELL | E4300 | DoC |
| 2 | Test fixture | Realtek | Ameba adapter | N/A |

**For Test Site No: TH01-CB**

| Support Equipment | | | | |
|---|---|---|---|---|
| **No.** | **Equipment** | **Brand Name** | **Model Name** | **FCC ID** |
| 1 | NB | DELL | E4300 | DoC |
| 2 | Test fixture | Realtek | Ameba adapter | N/A |

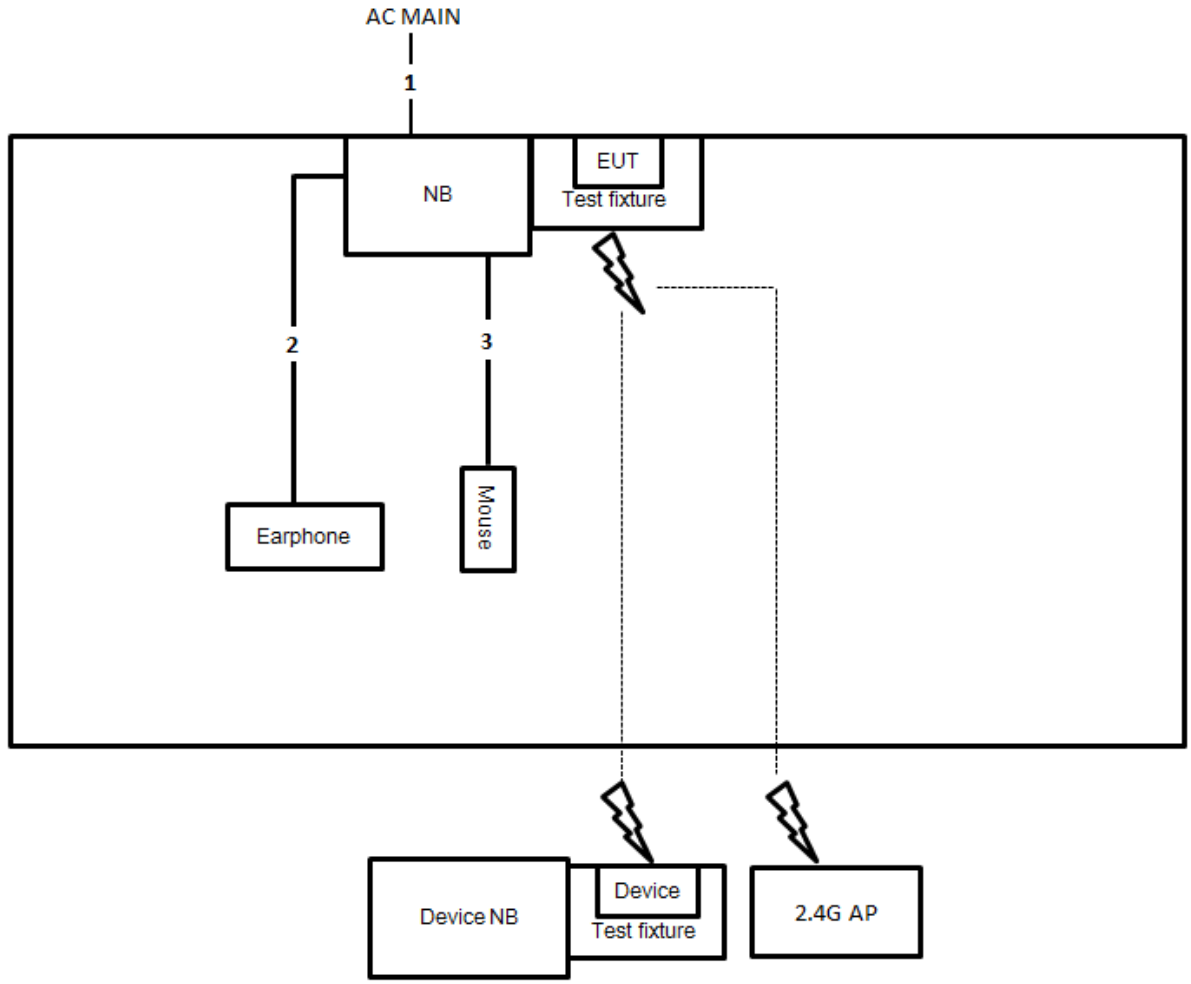
## 2.6 Test Setup Diagram

**Test Setup Diagram – AC Line Conducted Emission Test**



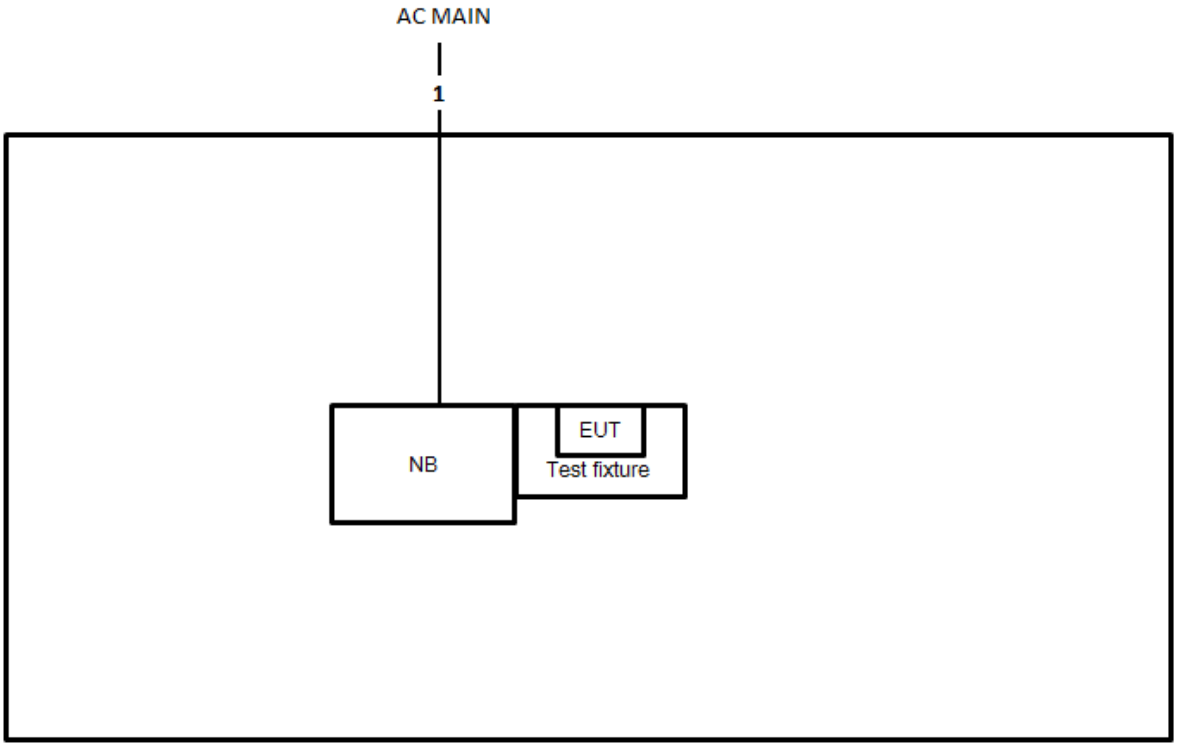

| Item | Connection | Shielded | Length |
|---|---|---|---|
| 1 | Power cable | No | 2.6m |
| 2 | Audio cable | No | 1.1m |
| 3 | USB cable | Yes | 1.8m |

**Test Setup Diagram - Radiated Test < 1GHz**




| Item | Connection | Shielded | Length |
|---|---|---|---|
| 1 | Power cable | No | 2.6m |
| 2 | Audio cable | No | 1.8m |
| 3 | USB cable | Yes | 1.8m |

**Test Setup Diagram - Radiated Test > 1GHz**




| Item | Connection | Shielded | Length |
|---|---|---|---|
| 1 | Power cable | No | 2.6m |

# 3 Transmitter Test Result

## 3.1 AC Power-line Conducted Emissions

### 3.1.1 AC Power-line Conducted Emissions Limit

| AC Power-line Conducted Emissions Limit | | |
|---|---|---|
| **Frequency Emission (MHz)** | **Quasi-Peak** | **Average** |
| 0.15-0.5 | 66 - 56 * | 56 - 46 * |
| 0.5-5 | 56 | 46 |
| 5-30 | 60 | 50 |
| Note 1: * Decreases with the logarithm of the frequency. | | |

### 3.1.2 Measuring Instruments

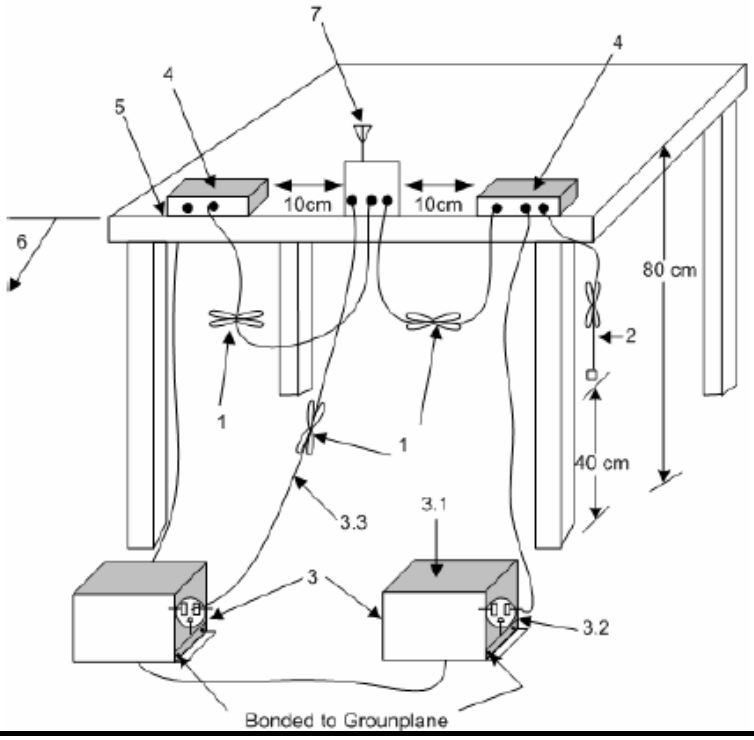
Refer a test equipment and calibration data table in this test report.

### 3.1.3 Test Procedures

| Test Method |
|---|
| ☒ Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions. |

### 3.1.4 Test Setup

**AC Power-line Conducted Emissions**



### 3.1.5 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

# 3.2 Emissions in Non-restricted Frequency Bands

## 3.2.1 Emissions in Non-restricted Frequency Bands Limit

| Un-restricted Band Emissions Limit | |
|---|---|
| **RF output power procedure** | **Limit (dB)** |
| Peak output power procedure | 20 |
| Average output power procedure | 30 |

Note 1: If the peak output power procedure is used to measure the fundamental emission power to demonstrate compliance to requirements, then the peak conducted output power measured within any 100 kHz outside the authorized frequency band shall be attenuated by at least 20 dB relative to the maximum measured in-band peak PSD level.
Note 2: If the average output power procedure is used to measure the fundamental emission power to demonstrate compliance to requirements, then the power in any 100 kHz outside of the authorized frequency band shall be attenuated by at least 30 dB relative to the maximum measured in-band average PSD level.

## 3.2.2 Measuring Instruments

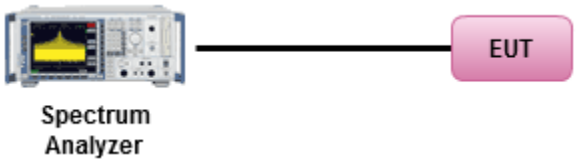
Refer a test equipment and calibration data table in this test report.

## 3.2.3 Test Procedures

| Test Method |
|---|
| ▪ Refer as FCC KDB 558074, clause 11 for unwanted emissions into non-restricted bands. |

## 3.2.4 Test Setup

**Emissions in Non-restricted Frequency Bands**



### 3.2.5 Test Result of Emissions in Non-restricted Frequency Bands

Refer as Appendix B

# 3.3 Emissions in Restricted Frequency Bands

## 3.3.1 Emissions in Restricted Frequency Bands Limit

| Restricted Band Emissions Limit | | | |
|---|---|---|---|
| **Frequency Range (MHz)** | **Field Strength (uV/m)** | **Field Strength (dBuV/m)** | **Measure Distance (m)** |
| 0.009~0.490 | 2400/F(kHz) | 48.5 - 13.8 | 300 |
| 0.490~1.705 | 24000/F(kHz) | 33.8 - 23 | 30 |
| 1.705~30.0 | 30 | 29 | 30 |
| 30~88 | 100 | 40 | 3 |
| 88~216 | 150 | 43.5 | 3 |
| 216~960 | 200 | 46 | 3 |
| Above 960 | 500 | 54 | 3 |

Note 1: Test distance for frequencies at or above 30 MHz, measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).

Note 2: Test distance for frequencies at below 30 MHz, measurements may be performed at a distance closer than the EUT limit distance; however, an attempt should be made to avoid making measurements in the near field. When performing measurements below 30 MHz at a closer distance than the limit distance, the results shall be extrapolated to the specified distance by either making measurements at a minimum of two or more distances on at least one radial to determine the proper extrapolation factor or by using the square of an inverse linear distance extrapolation factor (40 dB/decade). The test report shall specify the extrapolation method used to determine compliance of the EUT.

## 3.3.2 Measuring Instruments

Refer a test equipment and calibration data table in this test report.

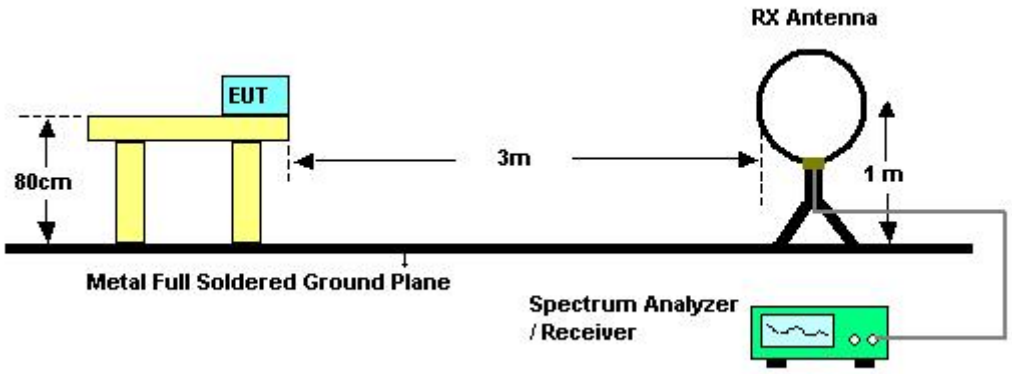
### 3.3.3 Test Procedures

| Test Method | | |
|---|---|---|
| ▪ The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor]. | | |
| ▪ Refer as ANSI C63.10, clause 6.9.2.2 band-edge testing shall be performed at the lowest frequency channel and highest frequency channel within the allowed operating band. | | |
| ▪ For the transmitter unwanted emissions shall be measured using following options below: | | |
| | ▪ Refer as FCC KDB 558074, clause 12 for unwanted emissions into restricted bands. | |
| | | ☐ Refer as FCC KDB 558074, clause 12.2.5.1 Option 1 (trace averaging for duty cycle ≥98%) |
| | | ☐ Refer as FCC KDB 558074, clause 12.2.5.2 Option 2 (trace averaging + duty factor). |
| | | ☒ Refer as FCC KDB 558074, clause 12.2.5.3 Option 3 (Reduced VBW≥1/T). |
| | | ☐ Refer as ANSI C63.10, clause 4.2.3.2.3 (Reduced VBW). VBW ≥ 1/T, where T is pulse time. |
| | | ☐ Refer as ANSI C63.10, clause 4.2.3.2.4 average value of pulsed emissions. |
| | | ☒ Refer as FCC KDB 558074, clause 12.2.4 measurement procedure peak limit. |
| ▪ For the transmitter band-edge emissions shall be measured using following options below: | | |
| | ▪ Refer as FCC KDB 558074 clause 13.1, When the performing peak or average radiated measurements, emissions within 2 MHz of the authorized band edge may be measured using the marker-delta method described below. | |
| | ▪ Refer as FCC KDB 558074, clause 13.2 (ANSI C63.10, clause 6.9.3) for marker-delta method for band-edge measurements. | |
| | ▪ Refer as FCC KDB 558074, clause 13.3 for narrower resolution bandwidth (100kHz) using the band power and summing the spectral levels (i.e., 1 MHz). | |
| ▪ For conducted and cabinet radiation measurement, refer as FCC KDB 558074, clause 12.2.2. | | |
| | ▪ For conducted unwanted emissions into restricted bands (absolute emission limits).<br>Devices with multiple transmit chains using options given below:<br>(1) Measure and sum the spectra across the outputs or<br>(2) Measure and add 10 log(N) dB | |
| | ▪ For FCC KDB 662911 The methodology described here may overestimate array gain, thereby resulting in apparent failures to satisfy the out-of-band limits even if the device is actually compliant. In such cases, compliance may be demonstrated by performing radiated tests around the frequencies at which the apparent failures occurred. | |

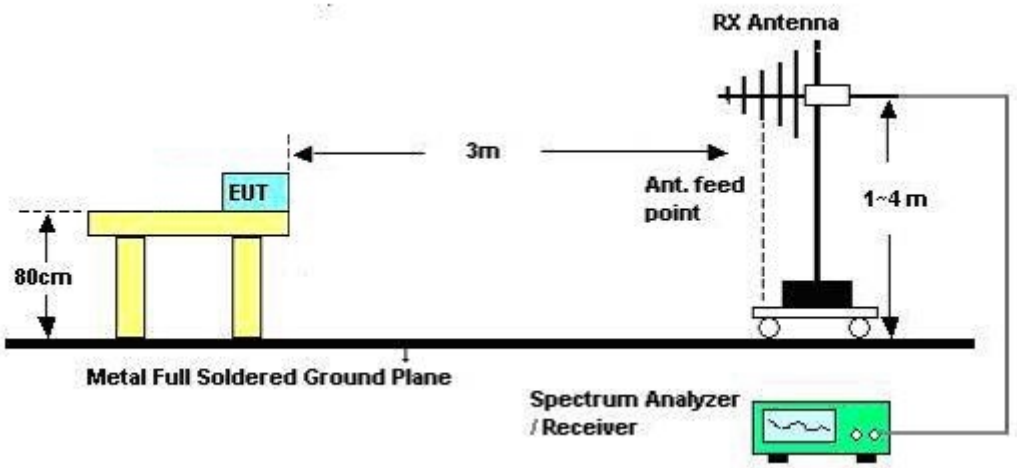
### 3.3.4 Test Setup

**Transmitter Radiated Emissions**

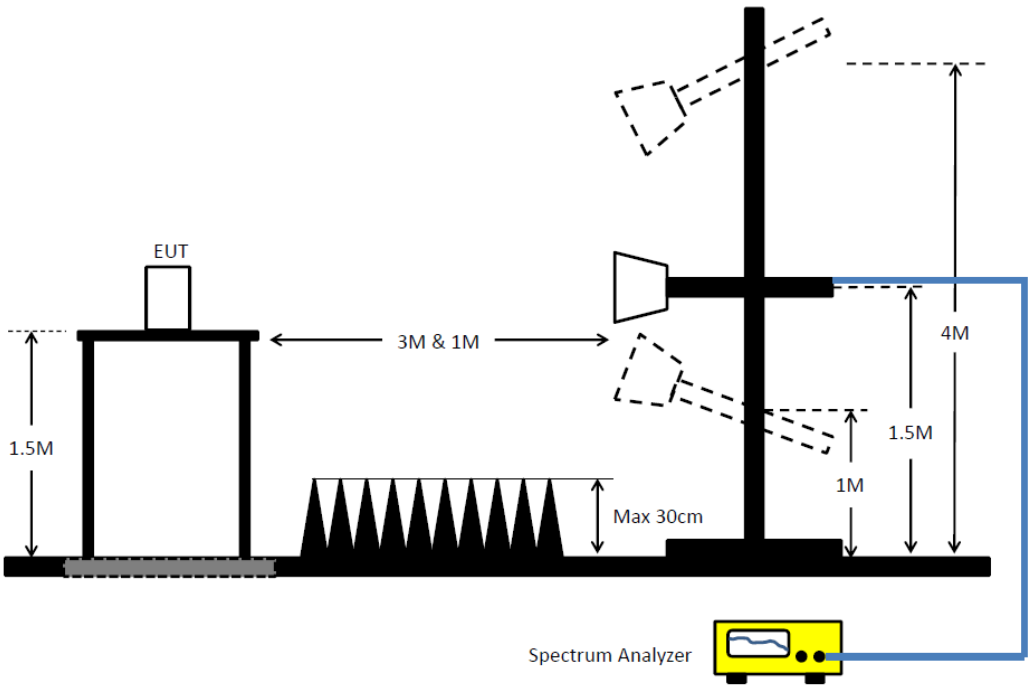
**9kHz ~30MHz**




**30MHz~1GHz**



**Above 1GHz**




### 3.3.5 Transmitter Radiated Unwanted Emissions (Below 30MHz)

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

### 3.3.6 Test Result of Transmitter Radiated Unwanted Emissions

Refer as Appendix C

# 4 Test Equipment and Calibration Data

| Instrument | Manufacturer | Model No. | Serial No. | Characteristics | Calibration Date | Remark |
|---|---|---|---|---|---|---|
| EMI Receiver | Agilent | N9038A | My52260123 | 9kHz ~ 8.45GHz | Jan. 27, 2016 | Conduction (CO01-CB) |
| LISN | F.C.C. | FCC-LISN-50-16-2 | 04083 | 150kHz ~ 100MHz | Dec. 08, 2015 | Conduction (CO01-CB) |
| LISN | Schwarzbeck | NSLK 8127 | 8127647 | 9kHz ~ 30MHz | Dec. 23, 2015 | Conduction (CO01-CB) |
| COND Cable | Woken | Cable | 01 | 150kHz ~ 30MHz | May 24, 2016 | Conduction (CO01-CB) |
| Software | Audix | E3 | 6.120210n | - | N.C.R. | Conduction (CO01-CB) |
| BILOG ANTENNA with 6dB Attenator | TESEQ & EMCI | CBL6112D & N-6-06 | 37880 & AT-N0609 | 20MHz ~ 2GHz | Aug. 30, 2016 | Radiation (03CH01-CB) |
| Loop Antenna | Teseq | HLA 6120 | 24155 | 9kHz - 30 MHz | Mar. 16, 2016* | Radiation (03CH01-CB) |
| Horn Antenna | EMCO | 3115 | 00075790 | 750MHz ~ 18GHz | Nov. 10, 2016 | Radiation (03CH01-CB) |
| Horn Antenna | Schwarzbeck | BBHA 9170 | BBHA9170252 | 15GHz ~ 40GHz | Jul. 25, 2016 | Radiation (03CH01-CB) |
| Pre-Amplifier | Agilent | 8447D | 2944A10991 | 0.1MHz ~ 1.3GHz | Mar. 15, 2016 | Radiation (03CH01-CB) |
| Pre-Amplifier | Agilent | 8449B | 3008A02310 | 1GHz ~ 26.5GHz | Jan. 18, 2016 | Radiation (03CH01-CB) |
| Pre-Amplifier | MITEQ | TTA1840-35-HG | 1864479 | 18GHz ~ 40GHz | Jun. 28, 2016 | Radiation (03CH01-CB) |
| Spectrum Analyzer | R&S | FSP40 | 100056 | 9kHz ~ 40GHz | Nov. 21, 2016 | Radiation (03CH01-CB) |
| EMI Test | R&S | ESCS | 100355 | 9kHz ~ 2.75GHz | May 16, 2016 | Radiation (03CH01-CB) |
| RF Cable-low | Woken | Low Cable-1 | N/A | 30 MHz ~ 1 GHz | Oct. 24, 2016 | Radiation (03CH01-CB) |
| RF Cable-high | Woken | High Cable-16 | N/A | 1 GHz ~ 18 GHz | Oct. 24, 2016 | Radiation (03CH01-CB) |
| RF Cable-high | Woken | High Cable-17 | N/A | 1 GHz ~ 18 GHz | Oct. 24, 2016 | Radiation (03CH01-CB) |
| RF Cable-high | Woken | High Cable-40G-1 | N/A | 18GHz ~ 40 GHz | Oct. 24, 2016 | Radiation (03CH01-CB) |
| RF Cable-high | Woken | High Cable-40G-2 | N/A | 18GHz ~ 40 GHz | Oct. 24, 2016 | Radiation (03CH01-CB) |
| Test Software | Audix | E3 | 6.2009-l0-7 | N/A | N/A | Radiation (03CH01-CB) |
| Spectrum analyzer | R&S | FSV40 | 100979 | 9kHz~40GHz | Dec. 09, 2015 | Conducted (TH01-CB) |
| Temp. and Humidity Chamber | Ten Billion | TTH-D3SP | TBN-931011 | -30~100 degree | Jun. 03, 2016 | Conducted (TH01-CB) |

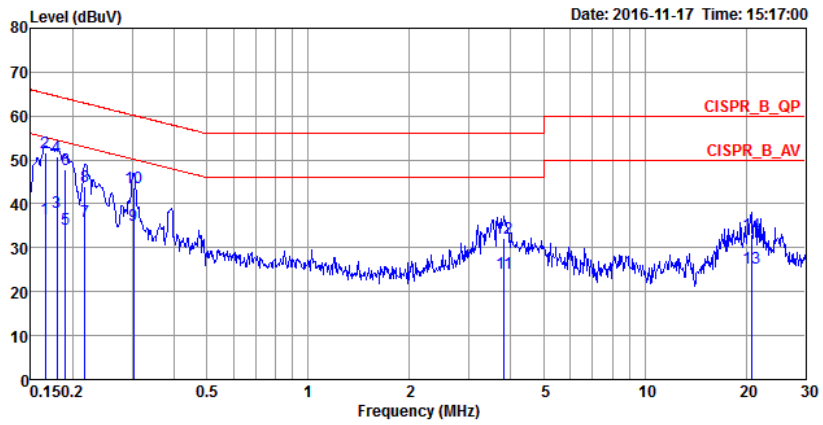
| Instrument | Manufacturer | Model No. | Serial No. | Characteristics | Calibration Date | Remark |
|---|---|---|---|---|---|---|
| RF Cable-high | Woken | RG402 | High Cable-6 | 1 GHz – 26.5 GHz | Oct. 24, 2016 | Conducted (TH01-CB) |
| RF Cable-high | Woken | RG402 | High Cable-7 | 1 GHz – 26.5 GHz | Oct. 24, 2016 | Conducted (TH01-CB) |
| RF Cable-high | Woken | RG402 | High Cable-8 | 1 GHz – 26.5 GHz | Oct. 24, 2016 | Conducted (TH01-CB) |
| RF Cable-high | Woken | RG402 | High Cable-9 | 1 GHz – 26.5 GHz | Oct. 24, 2016 | Conducted (TH01-CB) |
| RF Cable-high | Woken | RG402 | High Cable-10 | 1 GHz – 26.5 GHz | Oct. 24, 2016 | Conducted (TH01-CB) |
| Power Sensor | Agilent | U2021XA | MY54320014 | 50MHz~18GHz | Apr. 20, 2016 | Conducted (TH01-CB) |

Note: Calibration Interval of instruments listed above is one year.

N.C.R. means Non-Calibration required.

*Calibration Interval of instruments listed above is two year.

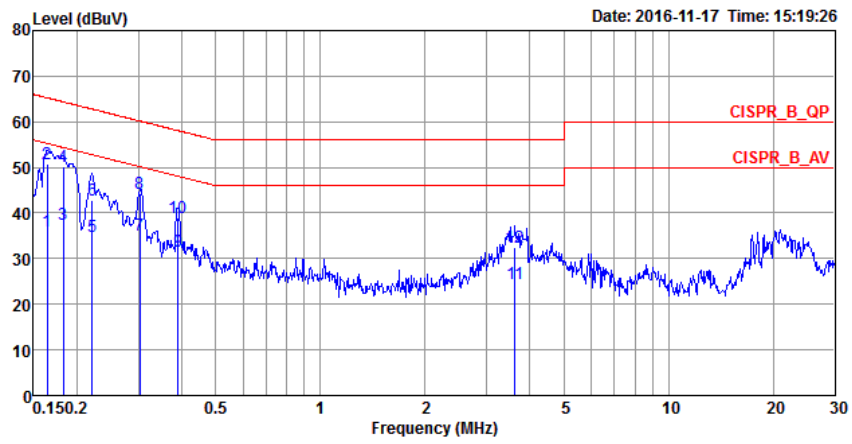
| AC Power-line Conducted Emissions Result | | | |
|---|---|---|---|
| **Operating Mode** | 1 | **Power Phase** | Neutral |
| **Operating Function** | Normal Link | | |




| | Freq | Level | Over Limit | Limit Line | Read Level | LISN Factor | Cable Loss | Pol/Phase | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV | dB | dBuV | dBuV | dB | dB | | |
| 1 | 0.1659 | 36.60 | -18.56 | 55.16 | 26.41 | 10.02 | 0.17 | NEUTRAL | Average |
| 2 | 0.1659 | 51.58 | -13.58 | 65.16 | 41.39 | 10.02 | 0.17 | NEUTRAL | QP |
| 3 | 0.1796 | 38.00 | -16.50 | 54.50 | 27.90 | 9.92 | 0.18 | NEUTRAL | Average |
| 4 | 0.1796 | 50.91 | -13.59 | 64.50 | 40.81 | 9.92 | 0.18 | NEUTRAL | QP |
| 5 | 0.1904 | 34.36 | -19.66 | 54.02 | 24.25 | 9.92 | 0.19 | NEUTRAL | Average |
| 6 | 0.1904 | 47.77 | -16.25 | 64.02 | 37.66 | 9.92 | 0.19 | NEUTRAL | QP |
| 7 | 0.2174 | 36.11 | -16.81 | 52.92 | 26.02 | 9.92 | 0.17 | NEUTRAL | Average |
| 8 | 0.2174 | 44.08 | -18.84 | 62.92 | 33.99 | 9.92 | 0.17 | NEUTRAL | QP |
| 9 | 0.3035 | 35.04 | -15.11 | 50.15 | 25.04 | 9.92 | 0.08 | NEUTRAL | Average |
| 10 | 0.3035 | 43.83 | -16.32 | 60.15 | 33.83 | 9.92 | 0.08 | NEUTRAL | QP |
| 11 | 3.8196 | 24.08 | -21.92 | 46.00 | 14.00 | 9.99 | 0.09 | NEUTRAL | Average |
| 12 | 3.8196 | 32.19 | -23.81 | 56.00 | 22.11 | 9.99 | 0.09 | NEUTRAL | QP |
| 13 | 20.7038 | 25.36 | -24.64 | 50.00 | 14.79 | 10.33 | 0.24 | NEUTRAL | Average |
| 14 | 20.7038 | 33.09 | -26.91 | 60.00 | 22.52 | 10.33 | 0.24 | NEUTRAL | QP |

Note 1: “>20dB” means emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found emissions (No emissions were detected.)

| AC Power-line Conducted Emissions Result | | | |
|---|---|---|---|
| **Operating Mode** | 1 | **Power Phase** | Line |
| **Operating Function** | Normal Link | | |




| | Freq | Level | Over Limit | Limit Line | Read Level | LISN Factor | Cable Loss | Pol/Phase | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV | dB | dBuV | dBuV | dB | dB | | |
| 1 | 0.1641 | 35.94 | -19.31 | 55.25 | 25.75 | 10.02 | 0.17 | LINE | Average |
| 2 | 0.1641 | 50.90 | -14.35 | 65.25 | 40.71 | 10.02 | 0.17 | LINE | QP |
| 3 | 0.1825 | 37.53 | -16.84 | 54.37 | 27.43 | 9.92 | 0.18 | LINE | Average |
| 4 | 0.1825 | 50.29 | -14.08 | 64.37 | 40.19 | 9.92 | 0.18 | LINE | QP |
| 5 | 0.2208 | 34.85 | -17.94 | 52.79 | 24.77 | 9.92 | 0.16 | LINE | Average |
| 6 | 0.2208 | 42.68 | -20.11 | 62.79 | 32.60 | 9.92 | 0.16 | LINE | QP |
| 7 | 0.3035 | 35.08 | -15.07 | 50.15 | 25.08 | 9.92 | 0.08 | LINE | Average |
| 8 | 0.3035 | 44.34 | -15.81 | 60.15 | 34.34 | 9.92 | 0.08 | LINE | QP |
| 9 | 0.3893 | 31.54 | -16.54 | 48.08 | 21.60 | 9.92 | 0.02 | LINE | Average |
| 10 | 0.3893 | 39.01 | -19.07 | 58.08 | 29.07 | 9.92 | 0.02 | LINE | QP |
| 11 | 3.6225 | 24.51 | -21.49 | 46.00 | 14.44 | 9.98 | 0.09 | LINE | Average |
| 12 | 3.6225 | 32.52 | -23.48 | 56.00 | 22.45 | 9.98 | 0.09 | LINE | QP |

Note 1: “>20dB” means emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found emissions (No emissions were detected.)

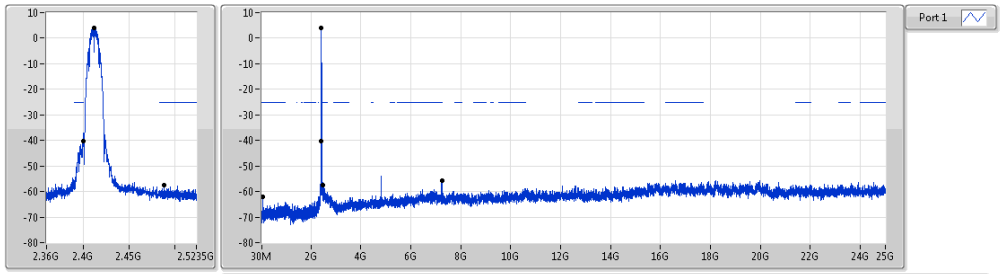
## Summary

| Mode | Result | Ref (Hz) | Ref (dBm) | Limit (dBm) | Freq (Hz) | Level (dBm) | Freq (Hz) | Level (dBm) | Freq (Hz) | Level (dBm) | Freq (Hz) | Level (dBm) | Port |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2.4G;11g;Nss1;Ntx1;2467 | Pass | 2.434903G | -0.37 | -30.37 | 2.307575G | -63.42 | 2.39288G | -59.23 | 2.48358G | -31.11 | 16.821364G | -55.85 | 1 |

## Result

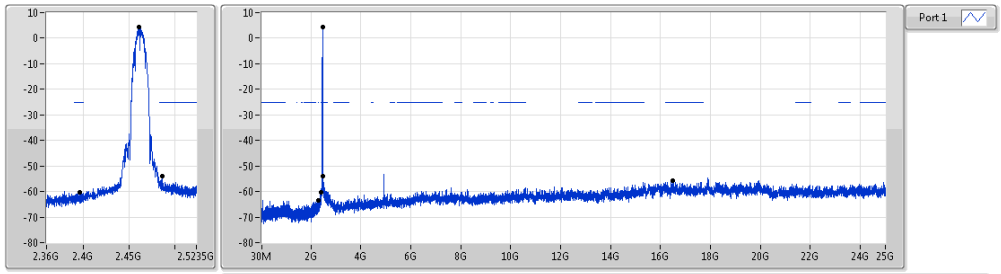
| Mode | Result | Ref (Hz) | Ref (dBm) | Limit (dBm) | Freq (Hz) | Level (dBm) | Freq (Hz) | Level (dBm) | Freq (Hz) | Level (dBm) | Freq (Hz) | Level (dBm) | Port |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2.4G;11b;Nss1;Ntx1;2412 | Pass | 2.412358G | 4.67 | -25.33 | 49.805M | -61.90 | 2.39992G | -40.44 | 2.48838G | -57.65 | 7.235136G | -55.61 | 1 |
| 2.4G;11b;Nss1;Ntx1;2437 | Pass | 2.436072G | 4.67 | -25.33 | 49.805M | -61.68 | 2.39848G | -58.08 | 2.48494G | -56.72 | 16.206069G | -56.56 | 1 |
| 2.4G;11b;Nss1;Ntx1;2462 | Pass | 2.461122G | 4.67 | -25.33 | 2.30175G | -63.35 | 2.39656G | -60.41 | 2.48662G | -54.07 | 16.478597G | -55.78 | 1 |
| 2.4G;11b;Nss1;Ntx1;2467 | Pass | 2.466466G | 4.67 | -25.33 | 2.309905G | -62.53 | 2.39608G | -59.91 | 2.4843G | -48.32 | 17.574326G | -55.89 | 1 |
| 2.4G;11b;Nss1;Ntx1;2472 | Pass | 2.472478G | 4.67 | -25.33 | 49.805M | -62.56 | 2.39896G | -62.03 | 2.4839G | -43.76 | 16.605027G | -55.54 | 1 |
| 2.4G;11g;Nss1;Ntx1;2412 | Pass | 2.434903G | -0.37 | -30.37 | 2.16661G | -63.58 | 2.39944G | -33.91 | 2.5199G | -58.04 | 16.613456G | -54.78 | 1 |
| 2.4G;11g;Nss1;Ntx1;2437 | Pass | 2.434903G | -0.37 | -30.37 | 49.805M | -63.71 | 2.39952G | -47.73 | 2.48598G | -50.92 | 16.540407G | -56.10 | 1 |
| 2.4G;11g;Nss1;Ntx1;2462 | Pass | 2.434903G | -0.37 | -30.37 | 2.300585G | -62.57 | 2.3992G | -59.01 | 2.48406G | -37.05 | 16.411167G | -56.00 | 1 |
| 2.4G;11g;Nss1;Ntx1;2467 | Pass | 2.434903G | -0.37 | -30.37 | 2.307575G | -63.42 | 2.39288G | -59.23 | 2.48358G | -31.11 | 16.821364G | -55.85 | 1 |
| 2.4G;11g;Nss1;Ntx1;2472 | Pass | 2.434903G | -0.37 | -30.37 | 49.805M | -63.28 | 2.39792G | -63.23 | 2.48358G | -44.32 | 16.540407G | -55.71 | 1 |
| 2.4G;HT20;Nss1,(M0);Ntx1;2412 | Pass | 2.441082G | -7.81 | -37.81 | 49.805M | -61.23 | 2.39992G | -44.56 | 2.50526G | -62.19 | 15.349153G | -54.50 | 1 |
| 2.4G;HT20;Nss1,(M0);Ntx1;2437 | Pass | 2.441082G | -7.81 | -37.81 | 49.805M | -59.99 | 2.39984G | -61.29 | 2.49534G | -60.91 | 17.605232G | -55.79 | 1 |
| 2.4G;HT20;Nss1,(M0);Ntx1;2462 | Pass | 2.441082G | -7.81 | -37.81 | 49.805M | -60.48 | 2.39632G | -63.46 | 2.4843G | -59.67 | 16.270689G | -56.28 | 1 |
| 2.4G;HT20;Nss1,(M0);Ntx1;2467 | Pass | 2.441082G | -7.81 | -37.81 | 30M | -50.89 | 2.39352G | -62.86 | 2.48358G | -53.59 | 16.576932G | -55.25 | 1 |
| 2.4G;HT20;Nss1,(M0);Ntx1;2472 | Pass | 2.441082G | -7.81 | -37.81 | 30M | -47.27 | 2.39272G | -62.51 | 2.48358G | -44.30 | 23.19907G | -55.93 | 1 |
| 2.4G;HT40;Nss1,(M0);Ntx1;2422 | Pass | 2.426386G | -5.64 | -35.64 | 49.465M | -61.41 | 2.39984G | -39.69 | 2.5083G | -57.66 | 16.858355G | -56.08 | 1 |
| 2.4G;HT40;Nss1,(M0);Ntx1;2437 | Pass | 2.432899G | -5.64 | -35.64 | 49.465M | -60.86 | 2.39712G | -42.84 | 2.48414G | -51.00 | 16.232938G | -54.79 | 1 |
| 2.4G;HT40;Nss1,(M0);Ntx1;2452 | Pass | 2.461623G | -5.64 | -35.64 | 49.465M | -60.88 | 2.39936G | -58.29 | 2.4859G | -44.24 | 16.743368G | -55.64 | 1 |
| 2.4G;HT40;Nss1,(M0);Ntx1;2457 | Pass | 2.453607G | -5.64 | -35.64 | 49.465M | -59.85 | 2.39824G | -60.61 | 2.4843G | -47.00 | 16.60314G | -55.17 | 1 |
| 2.4G;HT40;Nss1,(M0);Ntx1;2462 | Pass | 2.465464G | -5.64 | -35.64 | 49.465M | -63.48 | 2.3952G | -60.56 | 2.48414G | -45.64 | 16.238547G | -55.54 | 1 |

CSE in non-restricted band;PK;Band:2.4G;11b;BWch:20MHz;Nss:1;Nant:1;Ch:2412MHz;TN.VN



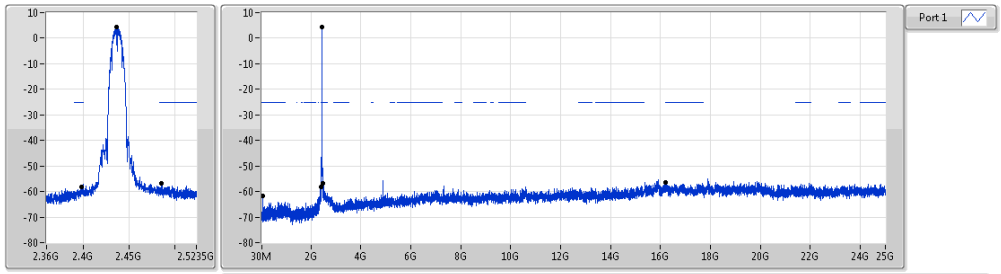
| Ref(Hz) | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Port |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 2.412358G | 4.00 | -25.33 | 49.805M | -61.90 | 2.39992G | -40.44 | 2.48838G | -57.65 | 7.235136G | -55.61 | 1 |

CSE in non-restricted band;PK;Band:2.4G;11b;BWch:20MHz;Nss:1;Nant:1;Ch:2462MHz;TN.VN



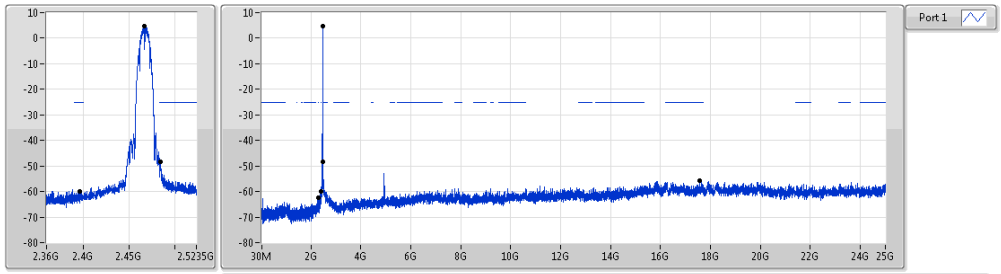
| Ref(Hz) | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Port |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 2.461122G | 4.24 | -25.33 | 2.30175G | -63.35 | 2.39656G | -60.41 | 2.48662G | -54.07 | 16.478597G | -55.78 | 1 |

CSE in non-restricted band;PK;Band:2.4G;11b;BWch:20MHz;Nss:1;Nant:1;Ch:2437MHz;TN.VN



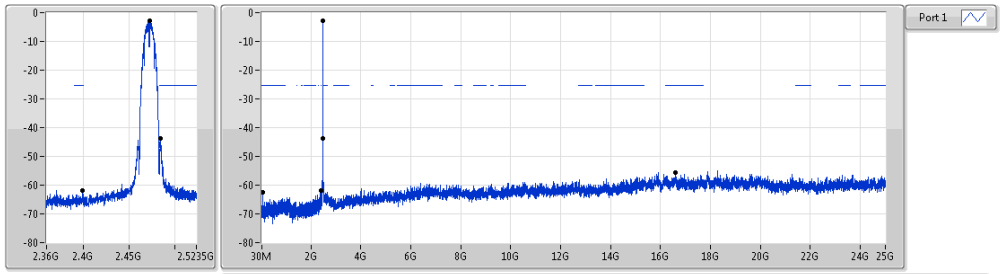
| Ref(Hz) | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Port |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 2.436072G | 4.37 | -25.33 | 49.805M | -61.68 | 2.39848G | -58.08 | 2.48494G | -56.72 | 16.206069G | -56.56 | 1 |

CSE in non-restricted band;PK;Band:2.4G;11b;BWch:20MHz;Nss:1;Nant:1;Ch:2467MHz;TN.VN



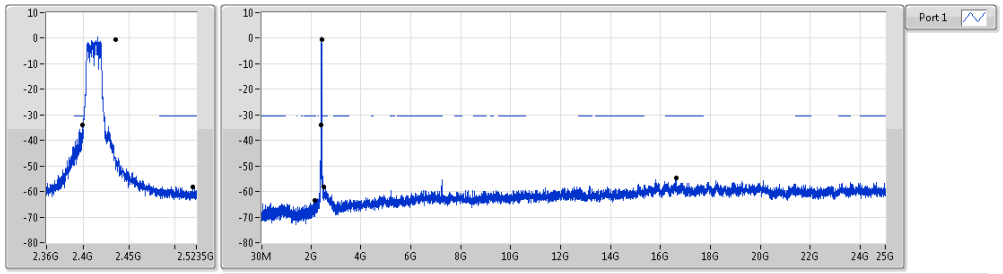
| Ref(Hz) | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Port |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 2.466466G | 4.67 | -25.33 | 2.30990SG | -62.53 | 2.39608G | -59.91 | 2.4843G | -48.32 | 17.574326G | -55.89 | 1 |

CSE in non-restricted band;PK;Band:2.4G;11b;BWch:20MHz;Nss:1;Nant:1;Ch:2472MHz;TN.VN



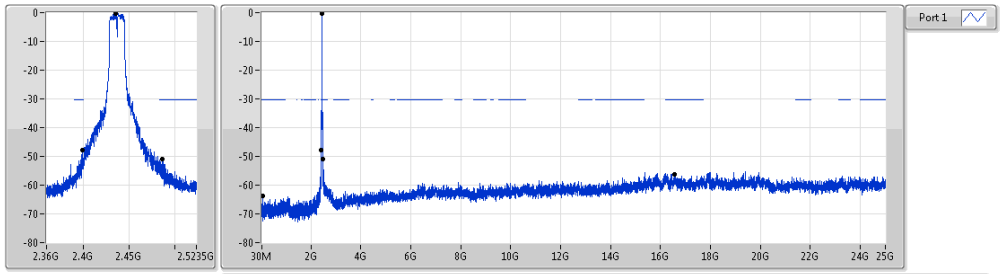

| Ref(Hz) | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Port |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 2.472478G | -2.84 | -25.33 | 49.805M | -62.56 | 2.39896G | -62.03 | 2.4839G | -43.76 | 16.605027G | -55.54 | 1 |

CSE in non-restricted band;PK;Band:2.4G;11g;BWch:20MHz;Nss:1;Nant:1;Ch:2412MHz;TN.VN



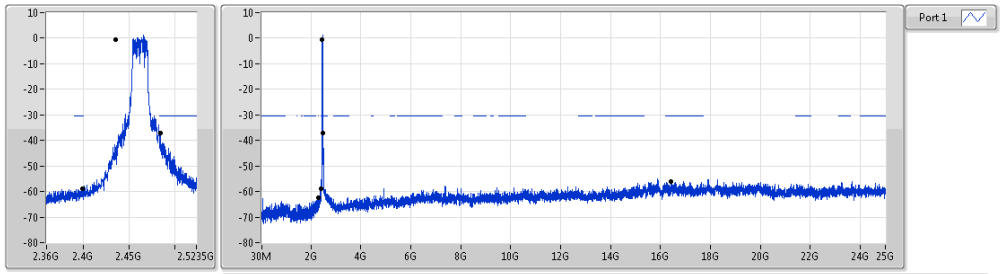

| Ref(Hz) | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Port |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 2.434903G | -0.37 | -30.37 | 2.16661G | -63.58 | 2.39944G | -33.91 | 2.5199G | -58.04 | 16.613456G | -54.78 | 1 |

CSE in non-restricted band;PK;Band:2.4G;11g;BWch:20MHz;Nss:1;Nant:1;Ch:2437MHz;TN.VN



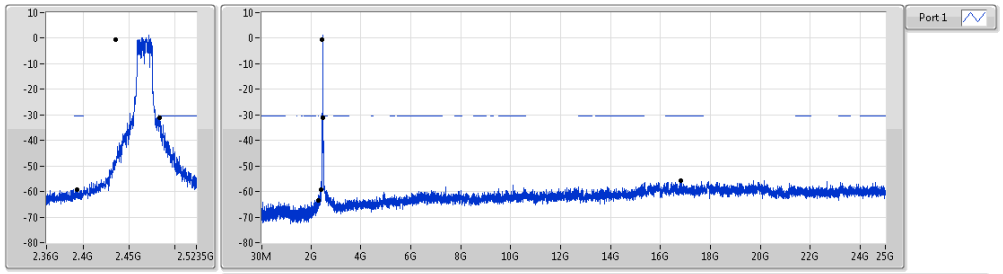

| Ref(Hz) | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Port |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 2.434903G | -0.37 | -30.37 | 49.805M | -63.71 | 2.39952G | -47.73 | 2.48598G | -50.92 | 16.540407G | -56.10 | 1 |

CSE in non-restricted band;PK;Band:2.4G;11g;BWch:20MHz;Nss:1;Nant:1;Ch:2462MHz;TN.VN



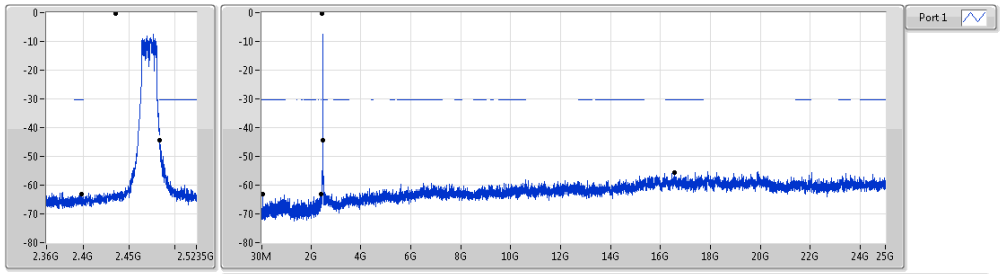

| Ref(Hz) | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Port |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 2.434903G | -0.37 | -30.37 | 2.300585G | -62.57 | 2.3992G | -59.01 | 2.48406G | -37.05 | 16.411167G | -56.00 | 1 |

CSE in non-restricted band;PK;Band:2.4G;11g;BWch:20MHz;Nss:1;Nant:1;Ch:2467MHz;TN.VN



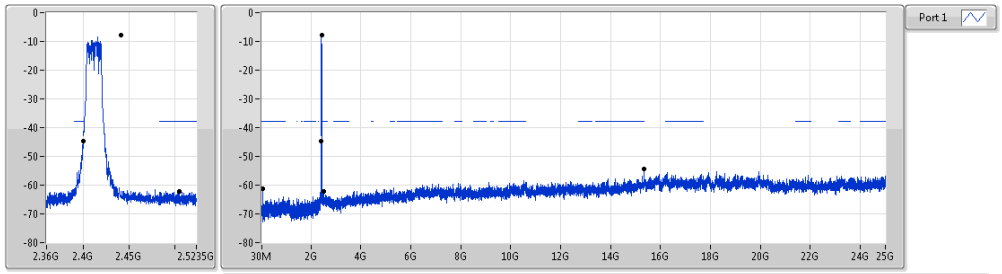

| Ref(Hz) | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Port |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 2.434903G | -0.37 | -30.37 | 2.307575G | -63.42 | 2.39288G | -59.23 | 2.48358G | -31.11 | 16.821364G | -55.85 | 1 |

CSE in non-restricted band;PK;Band:2.4G;11g;BWch:20MHz;Nss:1;Nant:1;Ch:2472MHz;TN.VN



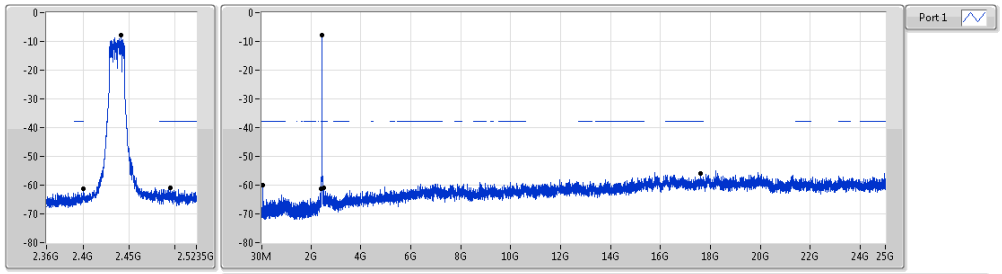

| Ref(Hz) | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Port |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 2.434903G | -0.37 | -30.37 | 49.805M | -63.28 | 2.39792G | -63.23 | 2.48358G | -44.32 | 16.540407G | -55.71 | 1 |

CSE in non-restricted band;PK;Band:2.4G;HT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:2412MHz;TN.VN



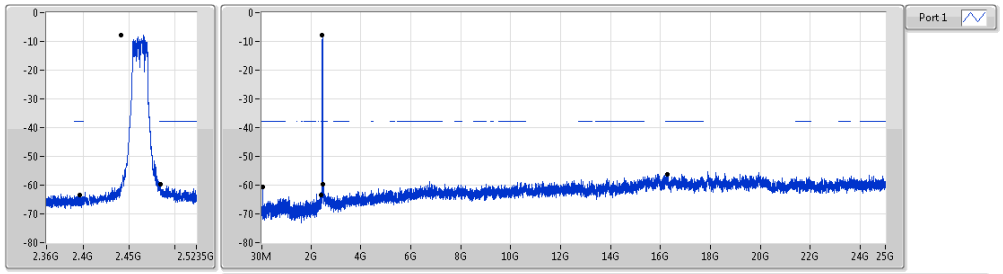

| Ref(Hz) | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Port |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 2.441082G | -7.81 | -37.81 | 49.805M | -61.23 | 2.39992G | -44.56 | 2.50526G | -62.19 | 15.349153G | -54.50 | 1 |

CSE in non-restricted band;PK;Band:2.4G;HT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:2437MHz;TN.VN



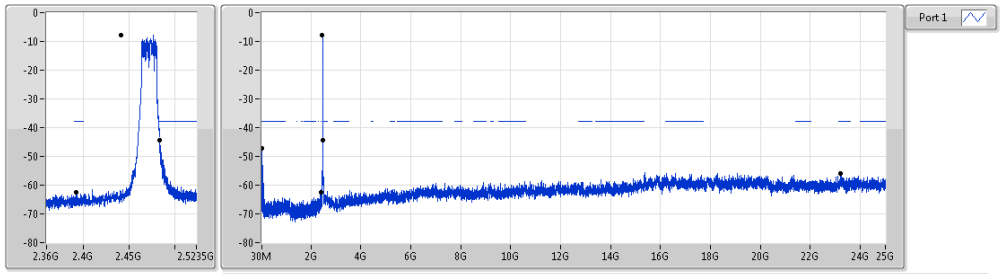

| Ref(Hz) | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Port |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 2.441082G | -7.81 | -37.81 | 49.805M | -59.99 | 2.39984G | -61.29 | 2.49534G | -60.91 | 17.605232G | -55.79 | 1 |

CSE in non-restricted band;PK;Band:2.4G;HT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:2462MHz;TN.VN



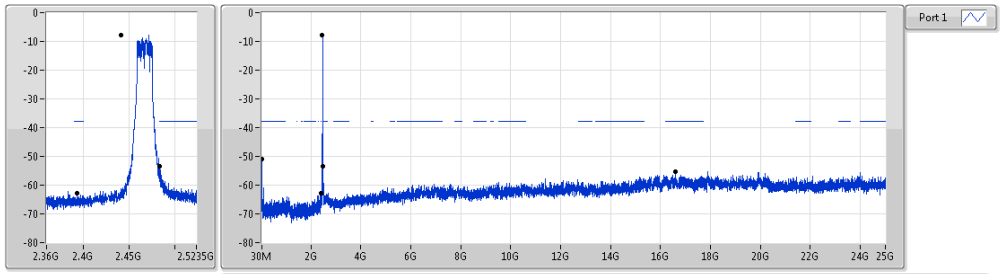

| Ref(Hz) | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Port |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 2.441082G | -7.81 | -37.81 | 49.805M | -60.48 | 2.39632G | -63.46 | 2.4843G | -59.67 | 16.270689G | -56.28 | 1 |

CSE in non-restricted band;PK;Band:2.4G;HT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:2472MHz;TN.VN



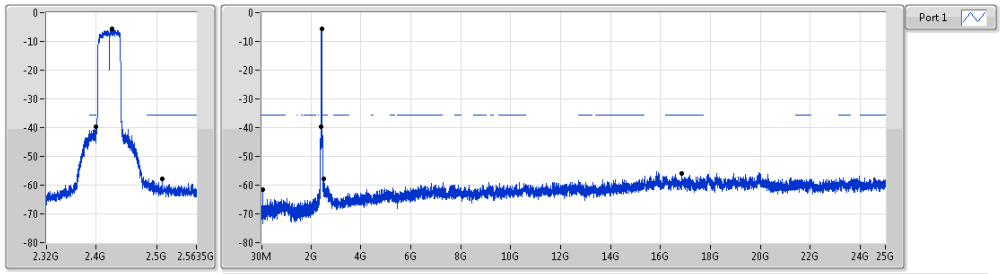

| Ref(Hz) | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Port |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 2.441082G | -7.81 | -37.81 | 30M | -47.27 | 2.39272G | -62.51 | 2.48358G | -44.30 | 23.19907G | -55.93 | 1 |

CSE in non-restricted band;PK;Band:2.4G;HT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:2467MHz;TN.VN



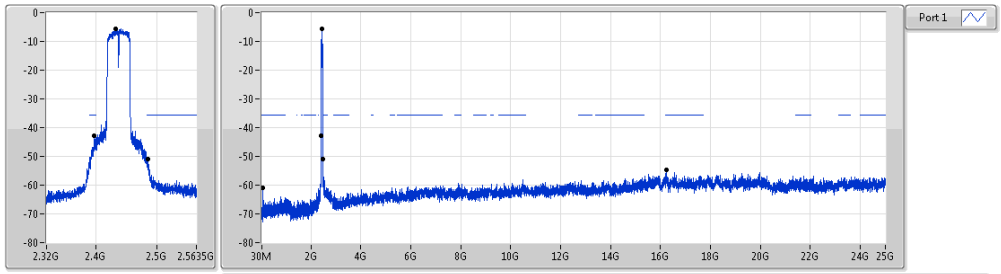

| Ref(Hz) | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Port |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 2.441082G | -7.81 | -37.81 | 30M | -50.89 | 2.39352G | -62.86 | 2.48358G | -53.59 | 16.576932G | -55.25 | 1 |

CSE in non-restricted band;PK;Band:2.4G;HT40;BWch:40MHz;Nss:1,(M0);Nant:1;Ch:2422MHz;TN.VN



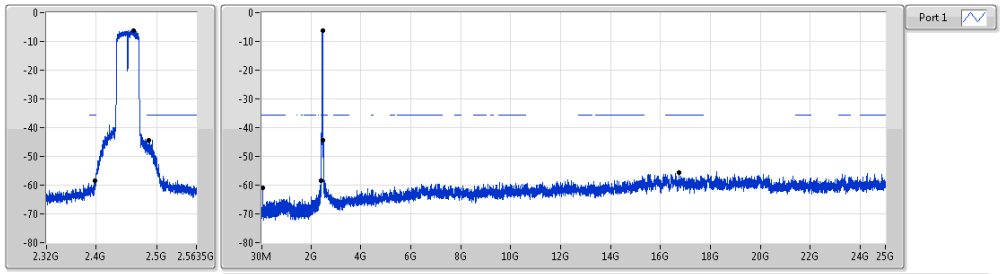

| Ref(Hz) | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Port |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 2.426386G | -5.64 | -35.64 | 49.465M | -61.41 | 2.39984G | -39.69 | 2.5083G | -57.66 | 16.858355G | -56.08 | 1 |

CSE in non-restricted band;PK;Band:2.4G;HT40;BWch:40MHz;Nss:1,(M0);Nant:1;Ch:2437MHz;TN.VN



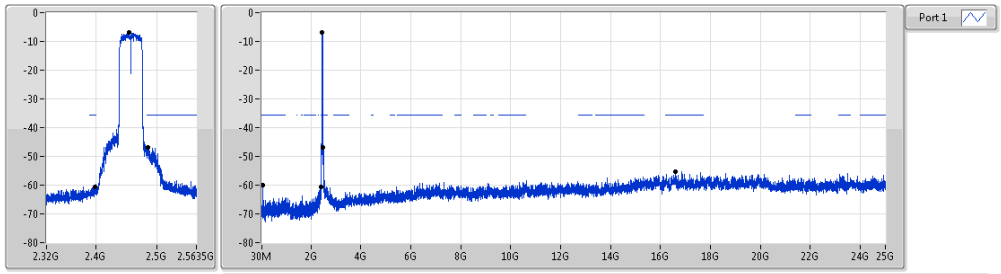

| Ref(Hz) | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Port |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 2.432899G | -5.68 | -35.64 | 49.465M | -60.86 | 2.39712G | -42.84 | 2.48414G | -51.00 | 16.232938G | -54.79 | 1 |

CSE in non-restricted band;PK;Band:2.4G;HT40;BWch:40MHz;Nss:1,(M0);Nant:1;Ch:2452MHz;TN.VN



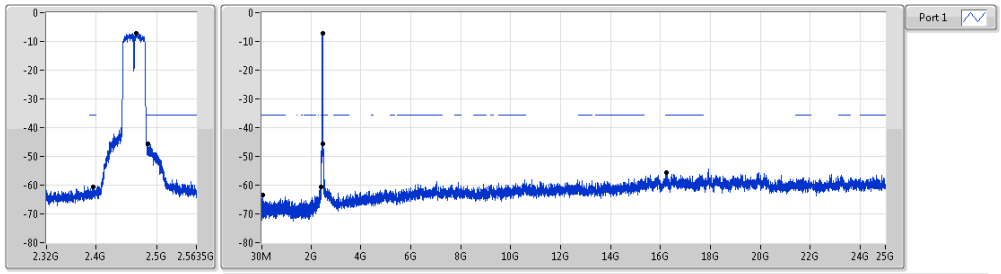

| Ref(Hz) | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Port |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 2.461623G | -6.17 | -35.64 | 49.465M | -60.88 | 2.39936G | -58.29 | 2.4859G | -44.24 | 16.743368G | -55.64 | 1 |

CSE in non-restricted band;PK;Band:2.4G;HT40;BWch:40MHz;Nss:1,(M0);Nant:1;Ch:2457MHz;TN.VN



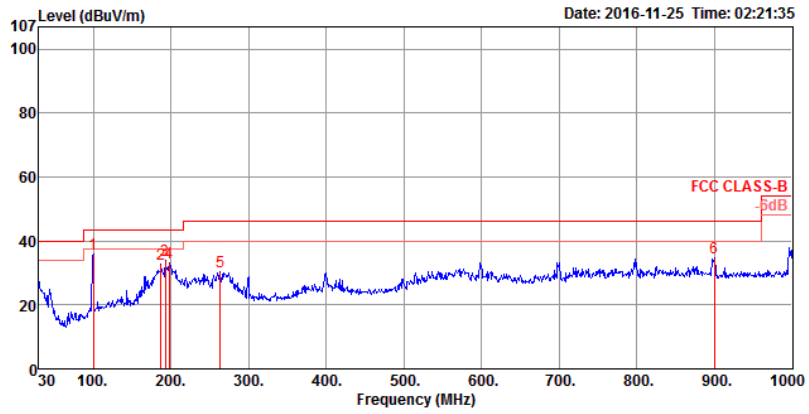

| Ref(Hz) | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Port |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 2.453607G | -6.80 | -35.64 | 49.465M | -59.85 | 2.39824G | -60.61 | 2.4843G | -47.00 | 16.60314G | -55.17 | 1 |

CSE in non-restricted band;PK;Band:2.4G;HT40;BWch:40MHz;Nss:1,(M0);Nant:1;Ch:2462MHz;TN.VN




| Ref(Hz) | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Port |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 2.465464G | -7.05 | -35.64 | 49.465M | -63.48 | 2.3952G | -60.56 | 2.48414G | -45.64 | 16.238547G | -55.54 | 1 |

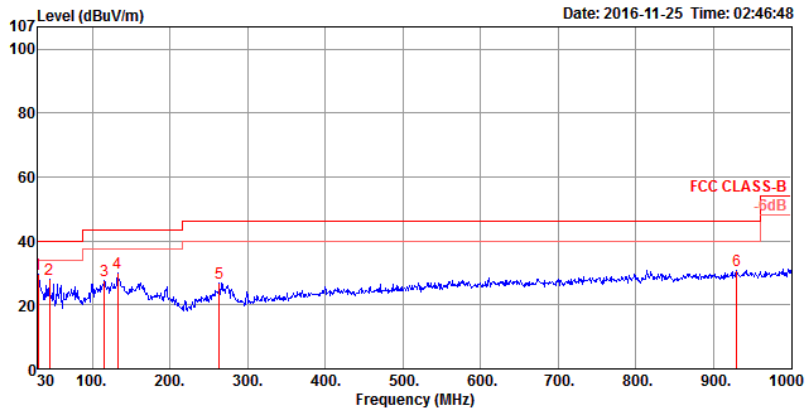
| RSE below 1GHz Result | | | |
|---|---|---|---|
| **Operating Mode** | 1 | **Polarization** | Horizontal |
| **Operating Function** | Normal Link | | |




| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | cm | deg | | |
| 1 | 99.84 | 36.01 | 43.50 | -7.49 | 50.00 | 0.87 | 17.00 | 31.86 | 200 | 168 | Peak | HORIZONTAL |
| 2 | 187.14 | 32.80 | 43.50 | -10.70 | 48.24 | 1.09 | 15.43 | 31.96 | 200 | 5 | Peak | HORIZONTAL |
| 3 | 192.96 | 33.90 | 43.50 | -9.60 | 49.09 | 1.11 | 15.67 | 31.97 | 200 | 0 | Peak | HORIZONTAL |
| 4 | 197.81 | 33.19 | 43.50 | -10.31 | 48.01 | 1.12 | 16.04 | 31.98 | 200 | 188 | Peak | HORIZONTAL |
| 5 | 263.77 | 30.51 | 46.00 | -15.49 | 41.77 | 1.28 | 19.45 | 31.99 | 125 | 196 | Peak | HORIZONTAL |
| 6 | 900.09 | 34.55 | 46.00 | -11.45 | 37.30 | 2.40 | 27.30 | 32.45 | 100 | 263 | Peak | HORIZONTAL |

Note 1: “>20dB” means emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found emissions (No emissions were detected.)

| RSE below 1GHz Result | | | |
|---|---|---|---|
| **Operating Mode** | 1 | **Power Phase** | Vertical |
| **Operating Function** | Normal Link | | |



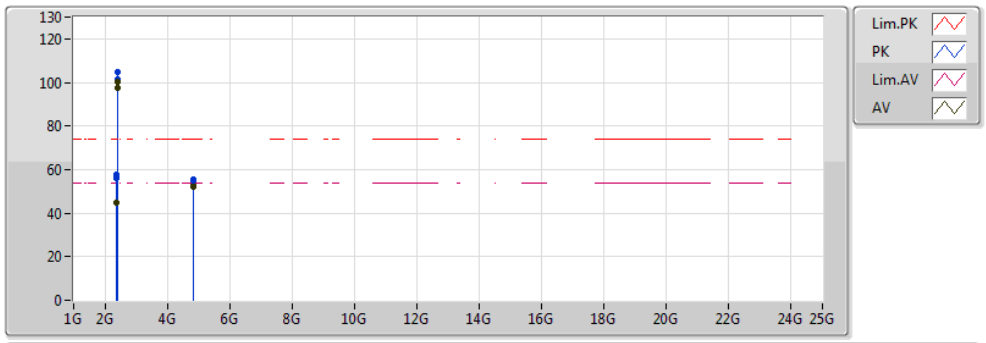

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | cm | deg | | |
| 1 | 30.00 | 29.53 | 40.00 | -10.47 | 34.87 | 0.53 | 25.60 | 31.47 | 150 | 2 | Peak | VERTICAL |
| 2 | 44.55 | 27.89 | 40.00 | -12.11 | 41.84 | 0.60 | 17.15 | 31.70 | 125 | 306 | Peak | VERTICAL |
| 3 | 115.36 | 27.45 | 43.50 | -16.05 | 40.10 | 0.87 | 18.36 | 31.88 | 100 | 6 | Peak | VERTICAL |
| 4 | 132.82 | 30.01 | 43.50 | -13.49 | 42.78 | 0.91 | 18.20 | 31.88 | 100 | 2 | Peak | VERTICAL |
| 5 | 263.77 | 26.93 | 46.00 | -19.07 | 38.19 | 1.28 | 19.45 | 31.99 | 200 | 315 | Peak | VERTICAL |
| 6 | 930.16 | 30.79 | 46.00 | -15.21 | 33.32 | 2.42 | 27.51 | 32.46 | 125 | 99 | Peak | VERTICAL |

Note 1: “>20dB” means emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found emissions (No emissions were detected.)

## Summary

| Mode | Result | Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Pol. (H/V) | Azimuth (°) | Height (m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2.4G;11b;Nss1;Ntx1;2467 | Pass | AV | 4.93398G | 53.78 | 54.00 | -0.22 | 7.17 | 3 | V | 38 | 2.70 | - |

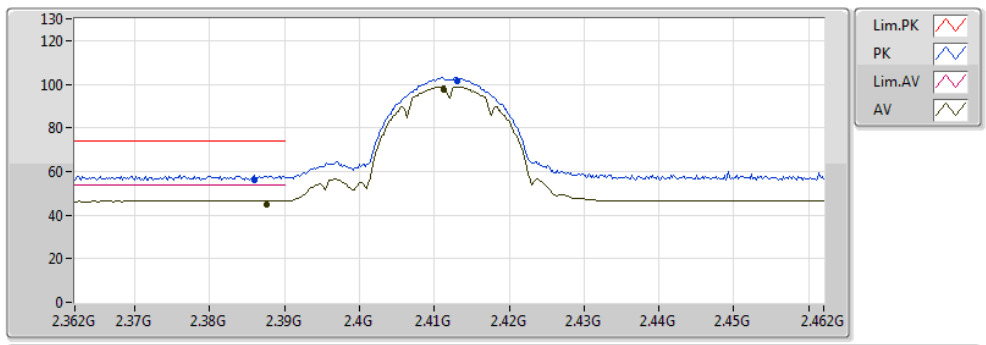
RE TX above 1GHz;Band:2.4G;11b;BWch:20MHz;Nss:1;Nant:1;Ch:2412MHz;TX




20161122
EUT Z_1TX ANT1(con1)
setting 37
04-S-5

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 2.387G | 44.91 | 54.00 | -9.09 | 32.67 | 3 | H | 183 | 2.64 | - |
| AV | 2.4112G | 100.43 | Inf | -Inf | 32.68 | 3 | H | 183 | 2.64 | - |
| PK | 2.38G | 57.79 | 74.00 | -16.21 | 32.66 | 3 | H | 183 | 2.64 | - |
| PK | 2.413G | 104.52 | Inf | -Inf | 32.69 | 3 | H | 183 | 2.64 | - |
| AV | 2.3876G | 44.82 | 54.00 | -9.18 | 32.67 | 3 | V | 274 | 2.99 | - |
| AV | 2.4112G | 97.26 | Inf | -Inf | 32.68 | 3 | V | 274 | 2.99 | - |
| PK | 2.386G | 56.21 | 74.00 | -17.79 | 32.67 | 3 | V | 274 | 2.99 | - |
| PK | 2.413G | 101.15 | Inf | -Inf | 32.69 | 3 | V | 274 | 2.99 | - |
| AV | 4.82398G | 51.91 | 54.00 | -2.09 | 6.82 | 3 | H | 91 | 1.29 | - |
| PK | 4.82402G | 55.01 | 74.00 | -18.99 | 6.82 | 3 | H | 91 | 1.29 | - |
| AV | 4.82398G | 52.41 | 54.00 | -1.59 | 6.82 | 3 | V | 43 | 2.49 | - |
| PK | 4.82414G | 55.45 | 74.00 | -18.55 | 6.82 | 3 | V | 43 | 2.49 | - |

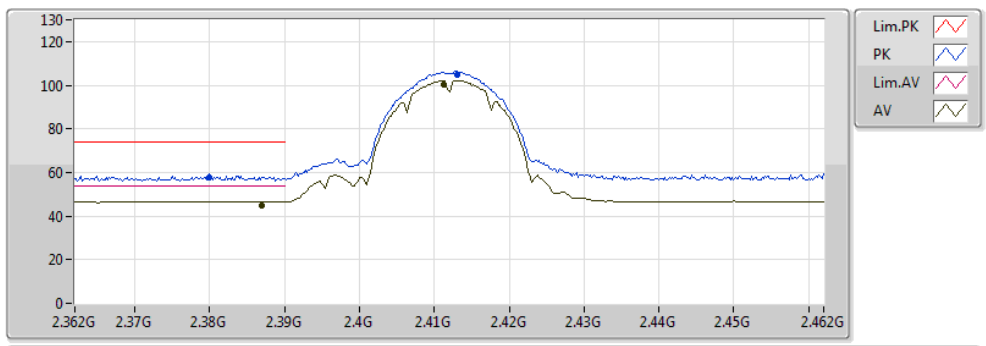
RE TX above 1GHz;Band:2.4G;11b;BWch:20MHz;Nss:1;Nant:1;Ch:2412MHz;TX




20161122
EUT Z_1TX ANT1(con1)
setting 37
04-S-5

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 2.3876G | 44.82 | 54.00 | -9.18 | 32.67 | 3 | V | 274 | 2.99 | - |
| AV | 2.4112G | 97.26 | Inf | -Inf | 32.68 | 3 | V | 274 | 2.99 | - |
| PK | 2.386G | 56.21 | 74.00 | -17.79 | 32.67 | 3 | V | 274 | 2.99 | - |
| PK | 2.413G | 101.15 | Inf | -Inf | 32.69 | 3 | V | 274 | 2.99 | - |

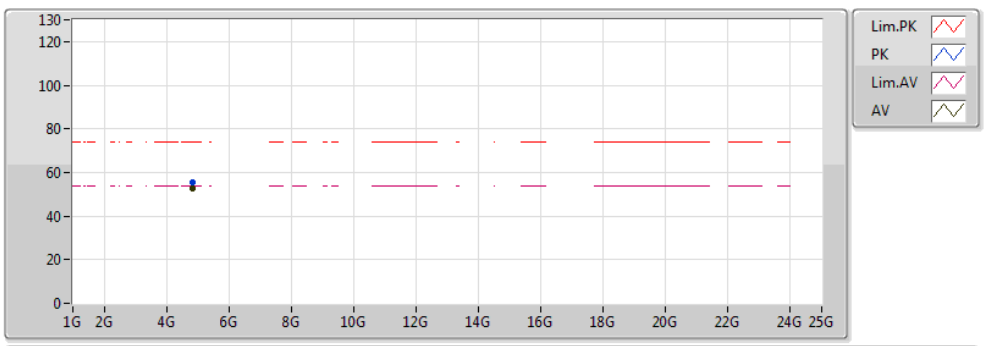
RE TX above 1GHz;Band:2.4G;11b;BWch:20MHz;Nss:1;Nant:1;Ch:2412MHz;TX




20161122
EUT Z_1TX ANT1(con1)
setting 37
04-S-5

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 2.387G | 44.91 | 54.00 | -9.09 | 32.67 | 3 | H | 183 | 2.64 | - |
| AV | 2.4112G | 100.43 | Inf | -Inf | 32.68 | 3 | H | 183 | 2.64 | - |
| PK | 2.38G | 57.79 | 74.00 | -16.21 | 32.66 | 3 | H | 183 | 2.64 | - |
| PK | 2.413G | 104.52 | Inf | -Inf | 32.69 | 3 | H | 183 | 2.64 | - |

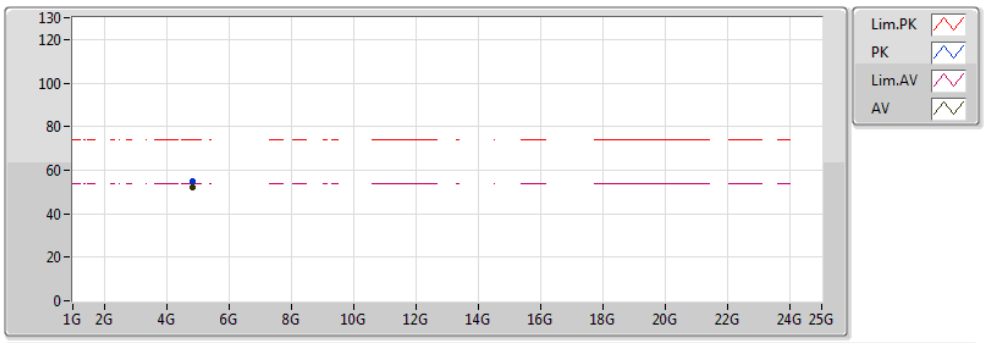
RE TX above 1GHz;Band:2.4G;11b;BWch:20MHz;Nss:1;Nant:1;Ch:2412MHz;TX




20161123
EUT Z_1TX ANT1(con1)
setting 37
05-Z-1

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 4.82398G | 52.41 | 54.00 | -1.59 | 6.82 | 3 | V | 43 | 2.49 | - |
| PK | 4.82414G | 55.45 | 74.00 | -18.55 | 6.82 | 3 | V | 43 | 2.49 | - |

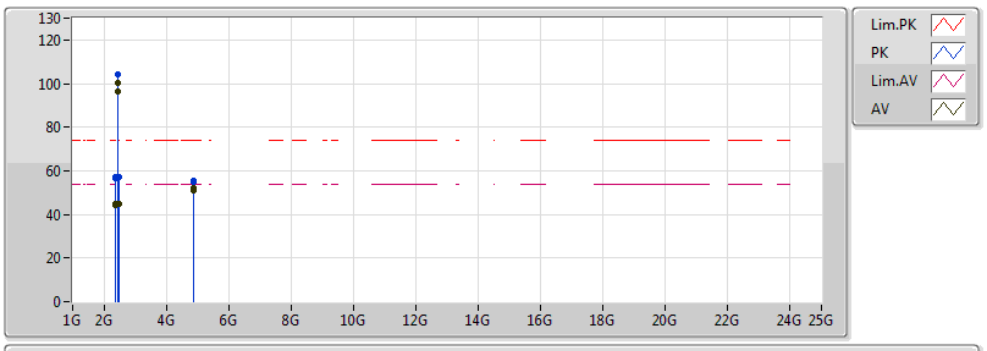
RE TX above 1GHz;Band:2.4G;11b;BWch:20MHz;Nss:1;Nant:1;Ch:2412MHz;TX




20161123
EUT Z_1TX ANT1(con1)
setting 37
05-Z-1

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 4.82398G | 51.91 | 54.00 | -2.09 | 6.82 | 3 | H | 91 | 1.29 | - |
| PK | 4.82402G | 55.01 | 74.00 | -18.99 | 6.82 | 3 | H | 91 | 1.29 | - |

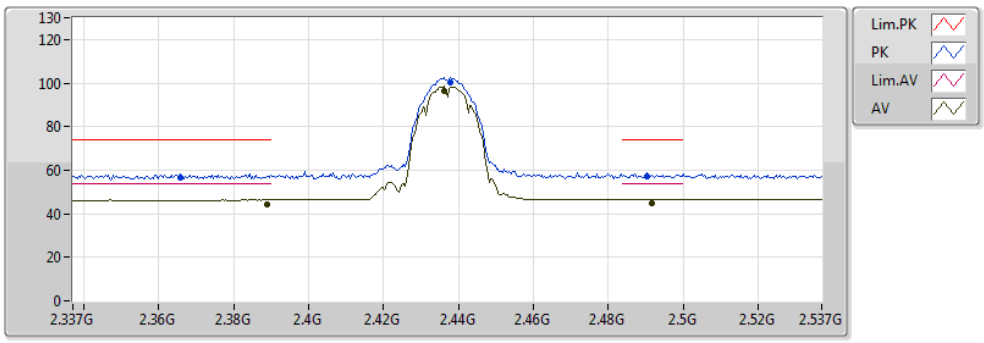
RE TX above 1GHz;Band:2.4G;11b;BWch:20MHz;Nss:1;Nant:1;Ch:2437MHz;TX




20161123
EUT Z_1TX ANT1(con1)
setting 36
05-Z-1

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 2.3878G | 44.57 | 54.00 | -9.43 | 32.67 | 3 | H | 188 | 2.95 | - |
| AV | 2.4362G | 100.21 | Inf | -Inf | 32.72 | 3 | H | 188 | 2.95 | - |
| AV | 2.4894G | 44.98 | 54.00 | -9.02 | 32.79 | 3 | H | 188 | 2.95 | - |
| PK | 2.355G | 57.09 | 74.00 | -16.91 | 32.66 | 3 | H | 188 | 2.95 | - |
| PK | 2.4378G | 104.19 | Inf | -Inf | 32.72 | 3 | H | 188 | 2.95 | - |
| PK | 2.4902G | 57.28 | 74.00 | -16.72 | 32.79 | 3 | H | 188 | 2.95 | - |
| AV | 2.389G | 44.53 | 54.00 | -9.47 | 32.67 | 3 | V | 232 | 2.60 | - |
| AV | 2.4362G | 96.56 | Inf | -Inf | 32.72 | 3 | V | 232 | 2.60 | - |
| AV | 2.4918G | 44.81 | 54.00 | -9.19 | 32.79 | 3 | V | 232 | 2.60 | - |
| PK | 2.3658G | 56.76 | 74.00 | -17.24 | 32.66 | 3 | V | 232 | 2.60 | - |
| PK | 2.4378G | 100.53 | Inf | -Inf | 32.72 | 3 | V | 232 | 2.60 | - |
| PK | 2.4902G | 57.10 | 74.00 | -16.90 | 32.79 | 3 | V | 232 | 2.60 | - |
| AV | 4.874G | 51.24 | 54.00 | -2.76 | 6.98 | 3 | H | 92 | 1.40 | - |
| PK | 4.87394G | 54.75 | 74.00 | -19.25 | 6.98 | 3 | H | 92 | 1.40 | - |
| AV | 4.87398G | 52.04 | 54.00 | -1.96 | 6.98 | 3 | V | 44 | 2.59 | - |
| PK | 4.87396G | 55.27 | 74.00 | -18.73 | 6.98 | 3 | V | 44 | 2.59 | - |

RE TX above 1GHz;Band:2.4G;11b;BWch:20MHz;Nss:1;Nant:1;Ch:2437MHz;TX

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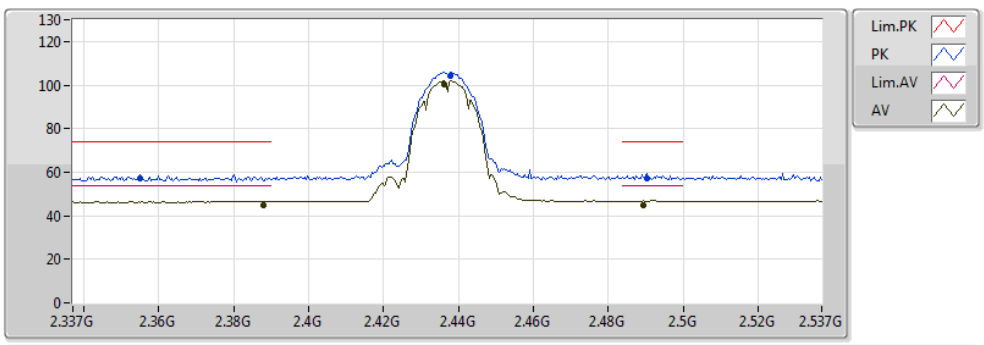
EUT Z_1TX ANT1(con1)
setting 36
04-S-5

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 2.389G | 44.53 | 54.00 | -9.47 | 32.67 | 3 | V | 232 | 2.60 | - |
| AV | 2.4362G | 96.56 | Inf | -Inf | 32.72 | 3 | V | 232 | 2.60 | - |
| AV | 2.4918G | 44.81 | 54.00 | -9.19 | 32.79 | 3 | V | 232 | 2.60 | - |
| PK | 2.3658G | 56.76 | 74.00 | -17.24 | 32.66 | 3 | V | 232 | 2.60 | - |
| PK | 2.4378G | 100.53 | Inf | -Inf | 32.72 | 3 | V | 232 | 2.60 | - |
| PK | 2.4902G | 57.10 | 74.00 | -16.90 | 32.79 | 3 | V | 232 | 2.60 | - |

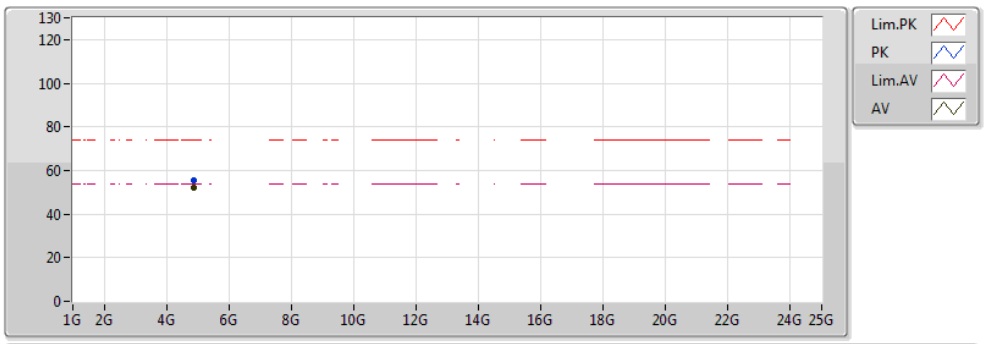
RE TX above 1GHz;Band:2.4G;11b;BWch:20MHz;Nss:1;Nant:1;Ch:2437MHz;TX




20161122
EUT Z_1TX ANT1(con1)
setting 36
04-S-5

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 2.3878G | 44.57 | 54.00 | -9.43 | 32.67 | 3 | H | 188 | 2.95 | - |
| AV | 2.4362G | 100.21 | Inf | -Inf | 32.72 | 3 | H | 188 | 2.95 | - |
| AV | 2.4894G | 44.98 | 54.00 | -9.02 | 32.79 | 3 | H | 188 | 2.95 | - |
| PK | 2.355G | 57.09 | 74.00 | -16.91 | 32.66 | 3 | H | 188 | 2.95 | - |
| PK | 2.4378G | 104.19 | Inf | -Inf | 32.72 | 3 | H | 188 | 2.95 | - |
| PK | 2.4902G | 57.28 | 74.00 | -16.72 | 32.79 | 3 | H | 188 | 2.95 | - |

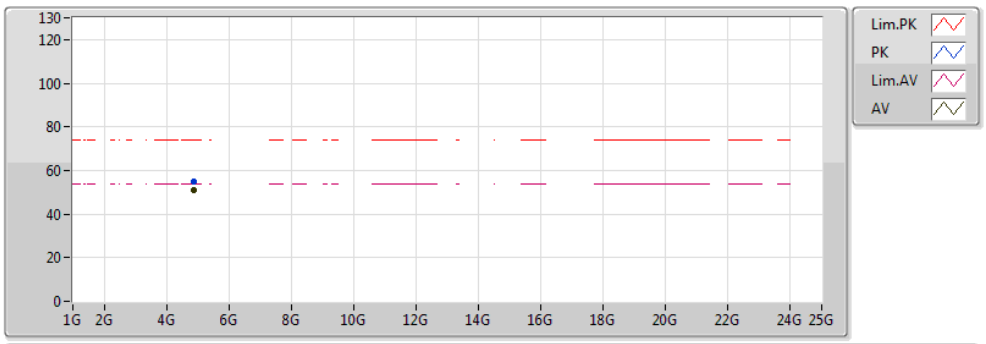
RE TX above 1GHz;Band:2.4G;11b;BWch:20MHz;Nss:1;Nant:1;Ch:2437MHz;TX




20161123
EUT Z_1TX ANT1(con1)
setting 36
05-Z-1

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 4.87398G | 52.04 | 54.00 | -1.96 | 6.98 | 3 | V | 44 | 2.59 | - |
| PK | 4.87396G | 55.27 | 74.00 | -18.73 | 6.98 | 3 | V | 44 | 2.59 | - |

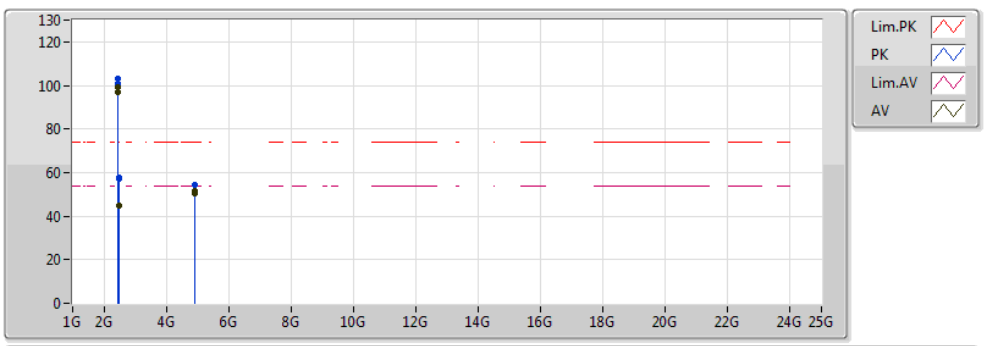
RE TX above 1GHz;Band:2.4G;11b;BWch:20MHz;Nss:1;Nant:1;Ch:2437MHz;TX




20161123
EUT Z_1TX ANT1(con1)
setting 36
05-Z-1

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 4.874G | 51.24 | 54.00 | -2.76 | 6.98 | 3 | H | 92 | 1.40 | - |
| PK | 4.87394G | 54.75 | 74.00 | -19.25 | 6.98 | 3 | H | 92 | 1.40 | - |

RE TX above 1GHz;Band:2.4G;11b;BWch:20MHz;Nss:1;Nant:1;Ch:2462MHz;TX

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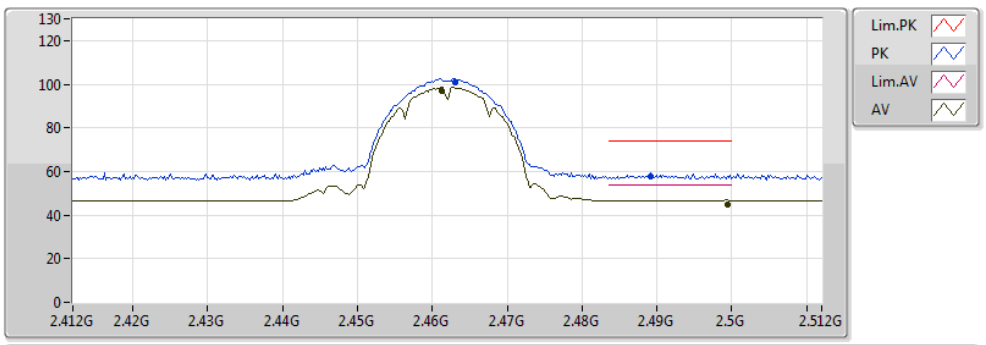
EUT Z_1TX ANT1(con1)
setting 35
05-Z-1

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 2.4612G | 99.29 | Inf | -Inf | 32.75 | 3 | H | 188 | 2.98 | - |
| AV | 2.4952G | 45.09 | 54.00 | -8.91 | 32.79 | 3 | H | 188 | 2.98 | - |
| PK | 2.463G | 103.19 | Inf | -Inf | 32.75 | 3 | H | 188 | 2.98 | - |
| PK | 2.4962G | 56.96 | 74.00 | -17.04 | 32.80 | 3 | H | 188 | 2.98 | - |
| AV | 2.4612G | 96.66 | Inf | -Inf | 32.75 | 3 | V | 233 | 2.75 | - |
| AV | 2.4994G | 44.97 | 54.00 | -9.03 | 32.80 | 3 | V | 233 | 2.75 | - |
| PK | 2.463G | 100.67 | Inf | -Inf | 32.75 | 3 | V | 233 | 2.75 | - |
| PK | 2.4892G | 57.52 | 74.00 | -16.48 | 32.79 | 3 | V | 233 | 2.75 | - |
| AV | 4.92396G | 50.49 | 54.00 | -3.51 | 7.13 | 3 | H | 81 | 2.41 | - |
| PK | 4.92398G | 54.16 | 74.00 | -19.84 | 7.13 | 3 | H | 81 | 2.41 | - |
| AV | 4.92396G | 51.40 | 54.00 | -2.60 | 7.13 | 3 | V | 36 | 2.69 | - |
| PK | 4.92404G | 54.59 | 74.00 | -19.41 | 7.13 | 3 | V | 36 | 2.69 | - |

RE TX above 1GHz;Band:2.4G;11b;BWch:20MHz;Nss:1;Nant:1;Ch:2462MHz;TX

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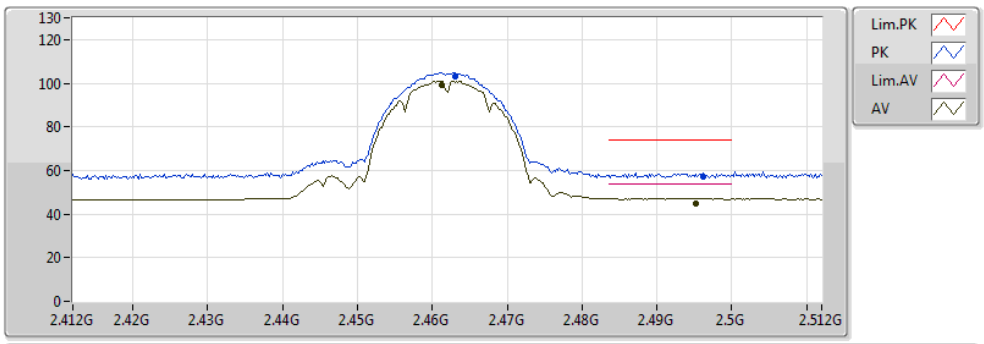
EUT Z_1TX ANT1(con1)
setting 35
04-S-5

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 2.4612G | 96.66 | Inf | -Inf | 32.75 | 3 | V | 233 | 2.75 | - |
| AV | 2.4994G | 44.97 | 54.00 | -9.03 | 32.80 | 3 | V | 233 | 2.75 | - |
| PK | 2.463G | 100.67 | Inf | -Inf | 32.75 | 3 | V | 233 | 2.75 | - |
| PK | 2.4892G | 57.52 | 74.00 | -16.48 | 32.79 | 3 | V | 233 | 2.75 | - |

RE TX above 1GHz;Band:2.4G;11b;BWch:20MHz;Nss:1;Nant:1;Ch:2462MHz;TX

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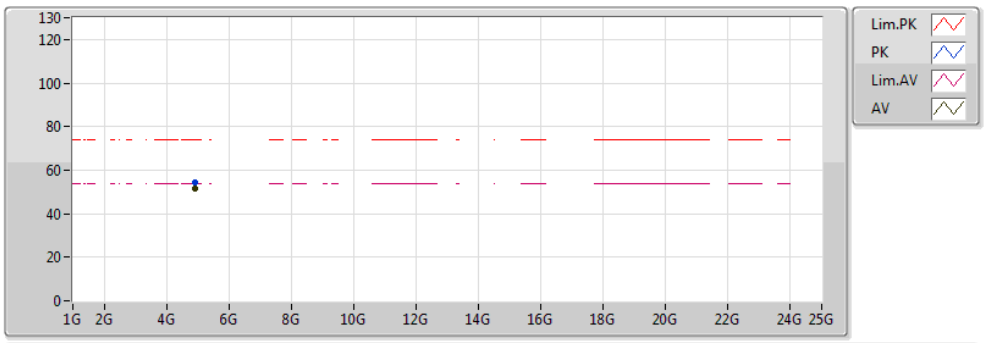
EUT Z_1TX ANT1(con1)
setting 35
04-S-5

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 2.4612G | 99.29 | Inf | -Inf | 32.75 | 3 | H | 188 | 2.98 | - |
| AV | 2.4952G | 45.09 | 54.00 | -8.91 | 32.79 | 3 | H | 188 | 2.98 | - |
| PK | 2.463G | 103.19 | Inf | -Inf | 32.75 | 3 | H | 188 | 2.98 | - |
| PK | 2.4962G | 56.96 | 74.00 | -17.04 | 32.80 | 3 | H | 188 | 2.98 | - |

RE TX above 1GHz;Band:2.4G;11b;BWch:20MHz;Nss:1;Nant:1;Ch:2462MHz;TX

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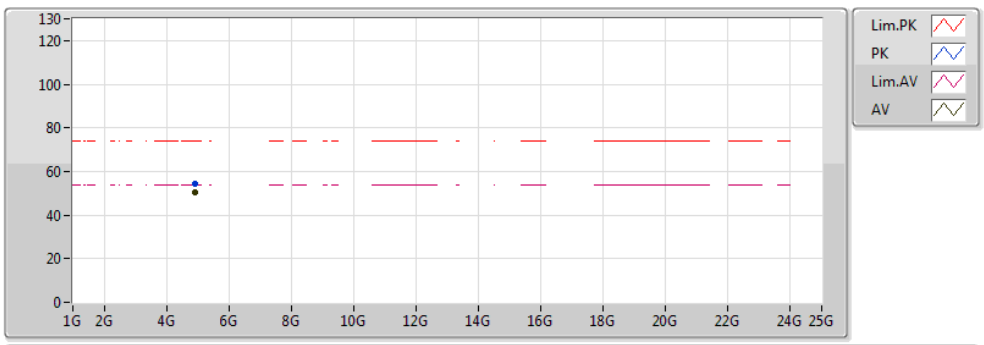
EUT Z_1TX ANT1(con1)
setting 35
05-Z-1

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 4.92396G | 51.40 | 54.00 | -2.60 | 7.13 | 3 | V | 36 | 2.69 | - |
| PK | 4.92404G | 54.59 | 74.00 | -19.41 | 7.13 | 3 | V | 36 | 2.69 | - |

RE TX above 1GHz;Band:2.4G;11b;BWch:20MHz;Nss:1;Nant:1;Ch:2462MHz;TX

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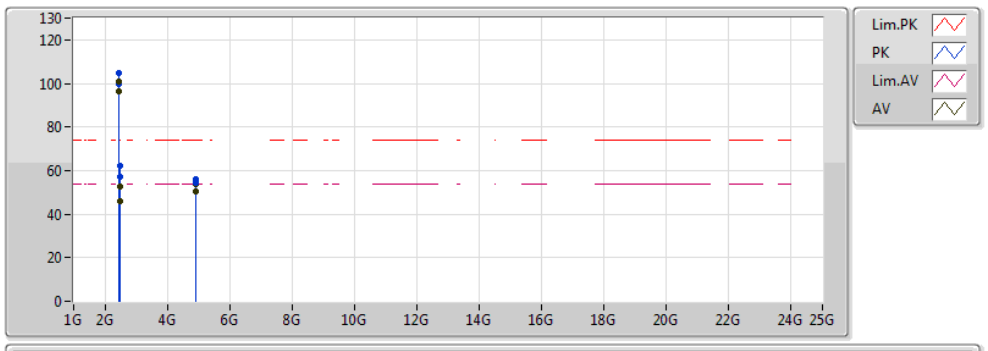
EUT Z_1TX ANT1(con1)
setting 35
05-Z-1

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 4.92396G | 50.49 | 54.00 | -3.51 | 7.13 | 3 | H | 81 | 2.41 | - |
| PK | 4.92398G | 54.16 | 74.00 | -19.84 | 7.13 | 3 | H | 81 | 2.41 | - |

RE TX above 1GHz;Band:2.4G;11b;BWch:20MHz;Nss:1;Nant:1;Ch:2467MHz;TX

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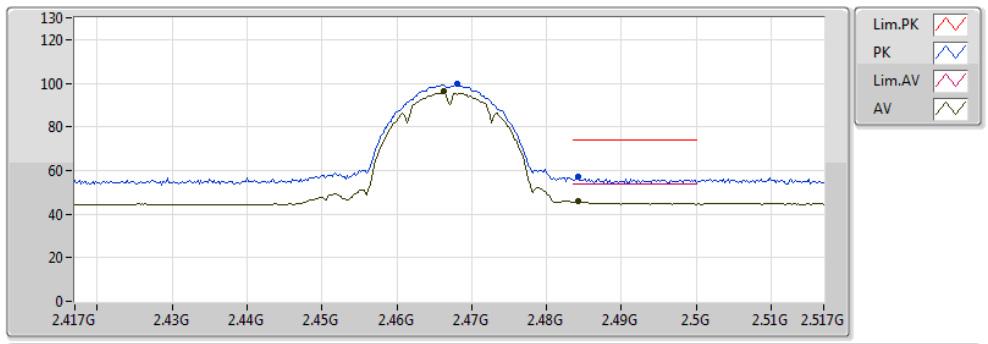
EUT Z_1TX ANT1(con1)
setting 36
05-Z-1

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 2.4678G | 100.80 | Inf | -Inf | 32.76 | 3 | H | 171 | 2.68 | - |
| AV | 2.4842G | 52.49 | 54.00 | -1.51 | 32.78 | 3 | H | 171 | 2.68 | - |
| PK | 2.468G | 104.95 | Inf | -Inf | 32.76 | 3 | H | 171 | 2.68 | - |
| PK | 2.4836G | 62.09 | 74.00 | -11.91 | 32.78 | 3 | H | 171 | 2.68 | - |
| AV | 2.4662G | 96.13 | Inf | -Inf | 32.76 | 3 | V | 229 | 2.77 | - |
| AV | 2.4842G | 45.93 | 54.00 | -8.07 | 32.78 | 3 | V | 229 | 2.77 | - |
| PK | 2.468G | 99.86 | Inf | -Inf | 32.76 | 3 | V | 229 | 2.77 | - |
| PK | 2.4842G | 57.03 | 74.00 | -16.97 | 32.78 | 3 | V | 229 | 2.77 | - |
| AV | 4.93398G | 50.69 | 54.00 | -3.31 | 7.17 | 3 | H | 94 | 1.43 | - |
| PK | 4.93396G | 54.09 | 74.00 | -19.91 | 7.17 | 3 | H | 94 | 1.43 | - |
| AV | 4.93398G | 53.78 | 54.00 | -0.22 | 7.17 | 3 | V | 38 | 2.70 | - |
| PK | 4.93392G | 56.27 | 74.00 | -17.73 | 7.17 | 3 | V | 38 | 2.70 | - |

RE TX above 1GHz;Band:2.4G;11b;BWch:20MHz;Nss:1;Nant:1;Ch:2467MHz;TX

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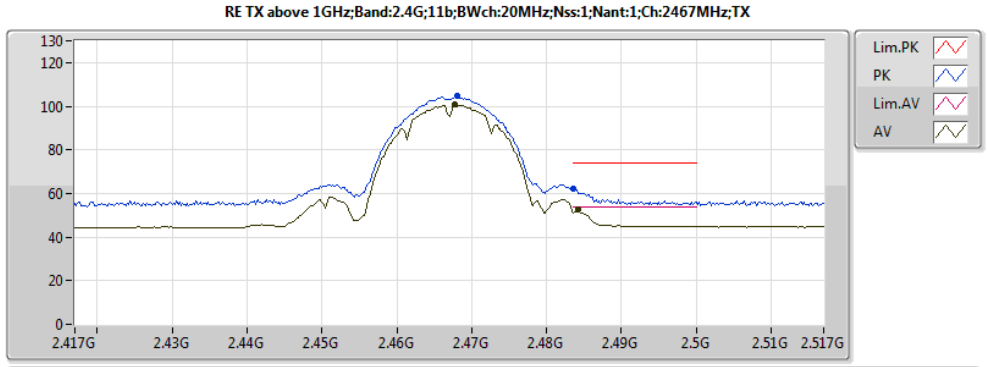
EUT Z_1TX ANT1(con1)
setting 36
04-S-5

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 2.4662G | 96.13 | Inf | -Inf | 32.76 | 3 | V | 229 | 2.77 | - |
| AV | 2.4842G | 45.93 | 54.00 | -8.07 | 32.78 | 3 | V | 229 | 2.77 | - |
| PK | 2.468G | 99.86 | Inf | -Inf | 32.76 | 3 | V | 229 | 2.77 | - |
| PK | 2.4842G | 57.03 | 74.00 | -16.97 | 32.78 | 3 | V | 229 | 2.77 | - |

RE TX above 1GHz;Band:2.4G;11b;BWch:20MHz;Nss:1;Nant:1;Ch:2467MHz;TX

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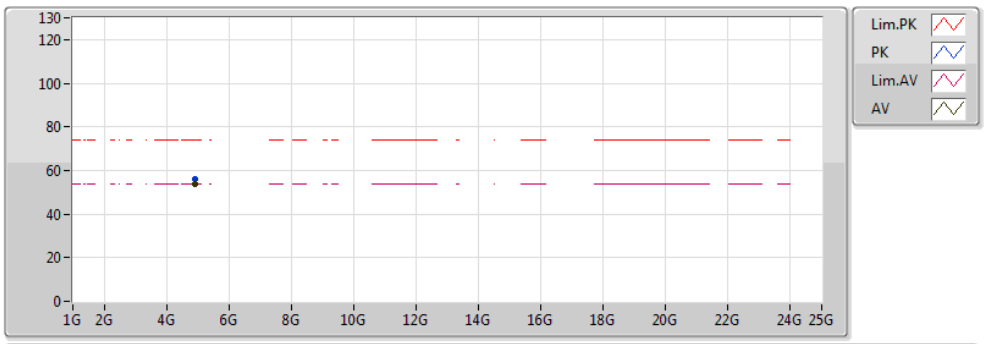
EUT Z_1TX ANT1(con1)
setting 36
04-S-5

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 2.4678G | 100.80 | Inf | -Inf | 32.76 | 3 | H | 171 | 2.68 | - |
| AV | 2.4842G | 52.49 | 54.00 | -1.51 | 32.78 | 3 | H | 171 | 2.68 | - |
| PK | 2.468G | 104.95 | Inf | -Inf | 32.76 | 3 | H | 171 | 2.68 | - |
| PK | 2.4836G | 62.09 | 74.00 | -11.91 | 32.78 | 3 | H | 171 | 2.68 | - |

RE TX above 1GHz;Band:2.4G;11b;BWch:20MHz;Nss:1;Nant:1;Ch:2467MHz;TX

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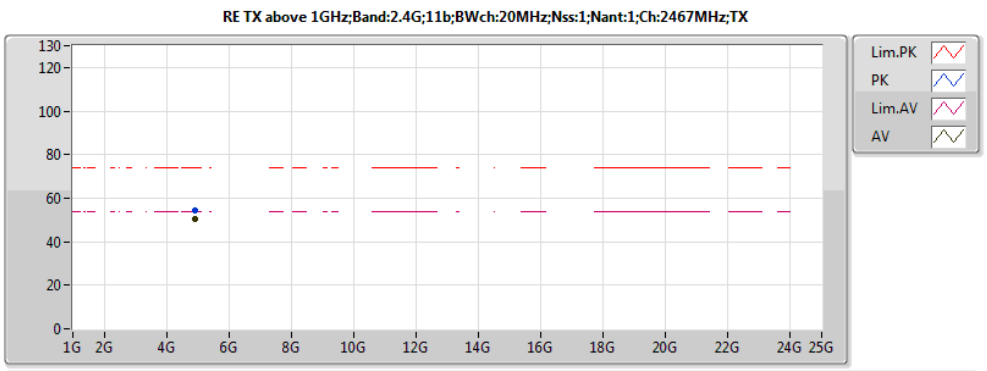
EUT Z_1TX ANT1(con1)
setting 36
05-Z-1

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 4.93398G | 53.78 | 54.00 | -0.22 | 7.17 | 3 | V | 38 | 2.70 | - |
| PK | 4.93392G | 56.27 | 74.00 | -17.73 | 7.17 | 3 | V | 38 | 2.70 | - |

RE TX above 1GHz;Band:2.4G;11b;BWch:20MHz;Nss:1;Nant:1;Ch:2467MHz;TX

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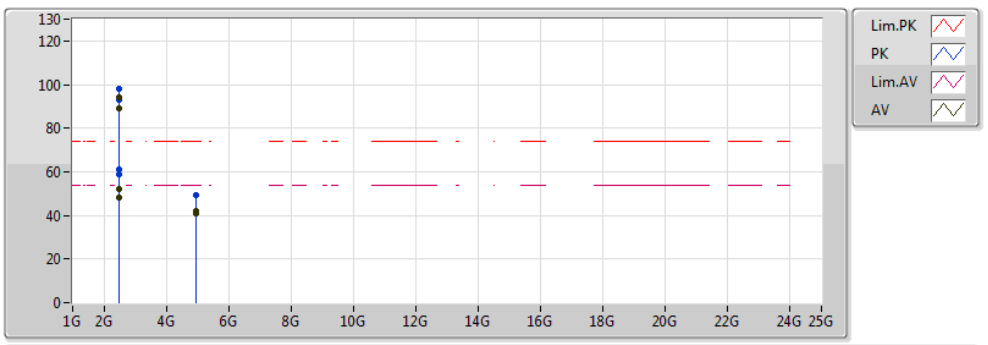
EUT Z_1TX ANT1(con1)
setting 36
05-Z-1

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 4.93398G | 50.69 | 54.00 | -3.31 | 7.17 | 3 | H | 94 | 1.43 | - |
| PK | 4.93396G | 54.09 | 74.00 | -19.91 | 7.17 | 3 | H | 94 | 1.43 | - |

RE TX above 1GHz;Band:2.4G;11b;BWch:20MHz;Nss:1;Nant:1;Ch:2472MHz;TX

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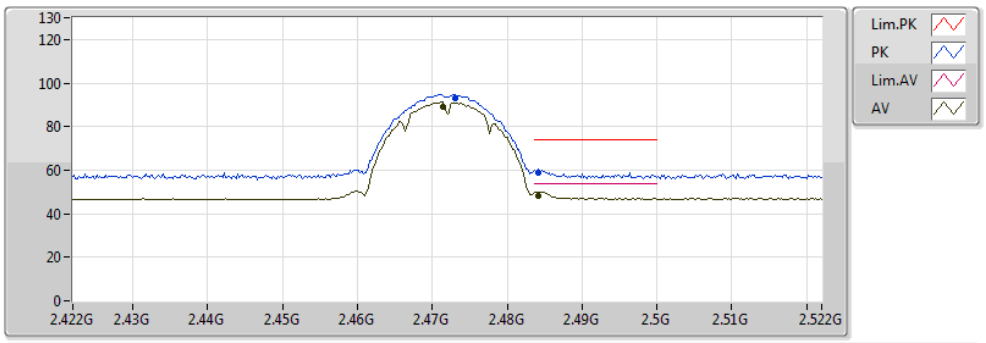
EUT Z_1TX ANT1(con1)
setting 21
05-Z-1

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 2.4712G | 94.17 | Inf | -Inf | 32.76 | 3 | H | 183 | 2.64 | - |
| AV | 2.4842G | 52.15 | 54.00 | -1.85 | 32.78 | 3 | H | 183 | 2.64 | - |
| PK | 2.473G | 98.24 | Inf | -Inf | 32.76 | 3 | H | 183 | 2.64 | - |
| PK | 2.4844G | 61.35 | 74.00 | -12.65 | 32.78 | 3 | H | 183 | 2.64 | - |
| AV | 2.4714G | 89.31 | Inf | -Inf | 32.76 | 3 | V | 227 | 2.86 | - |
| AV | 2.4842G | 48.23 | 54.00 | -5.77 | 32.78 | 3 | V | 227 | 2.86 | - |
| PK | 2.473G | 93.10 | Inf | -Inf | 32.76 | 3 | V | 227 | 2.86 | - |
| PK | 2.4842G | 58.56 | 74.00 | -15.44 | 32.78 | 3 | V | 227 | 2.86 | - |
| AV | 4.94404G | 41.12 | 54.00 | -12.88 | 7.20 | 3 | H | 76 | 2.43 | - |
| PK | 4.944G | 49.07 | 74.00 | -24.93 | 7.20 | 3 | H | 76 | 2.43 | - |
| AV | 4.944G | 41.89 | 54.00 | -12.11 | 7.20 | 3 | V | 36 | 2.66 | - |
| PK | 4.944G | 49.59 | 74.00 | -24.41 | 7.20 | 3 | V | 36 | 2.66 | - |

RE TX above 1GHz;Band:2.4G;11b;BWch:20MHz;Nss:1;Nant:1;Ch:2472MHz;TX

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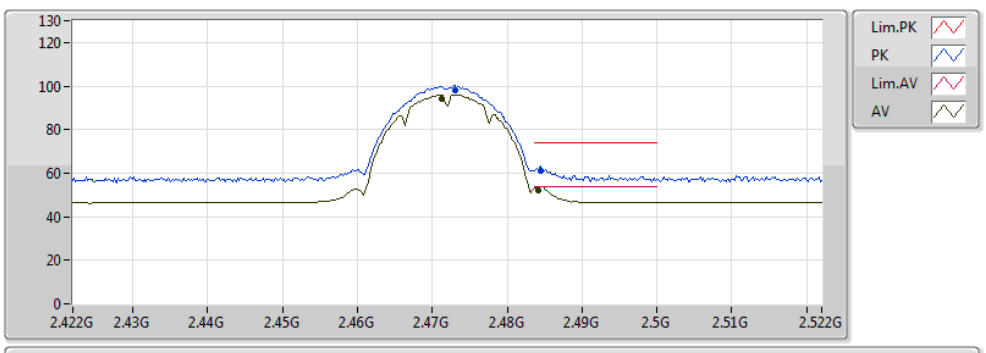
EUT Z_1TX ANT1(con1)
setting 21
04-S-5

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 2.4714G | 89.31 | Inf | -Inf | 32.76 | 3 | V | 227 | 2.86 | - |
| AV | 2.4842G | 48.23 | 54.00 | -5.77 | 32.78 | 3 | V | 227 | 2.86 | - |
| PK | 2.473G | 93.10 | Inf | -Inf | 32.76 | 3 | V | 227 | 2.86 | - |
| PK | 2.4842G | 58.56 | 74.00 | -15.44 | 32.78 | 3 | V | 227 | 2.86 | - |

RE TX above 1GHz;Band:2.4G;11b;BWch:20MHz;Nss:1;Nant:1;Ch:2472MHz;TX

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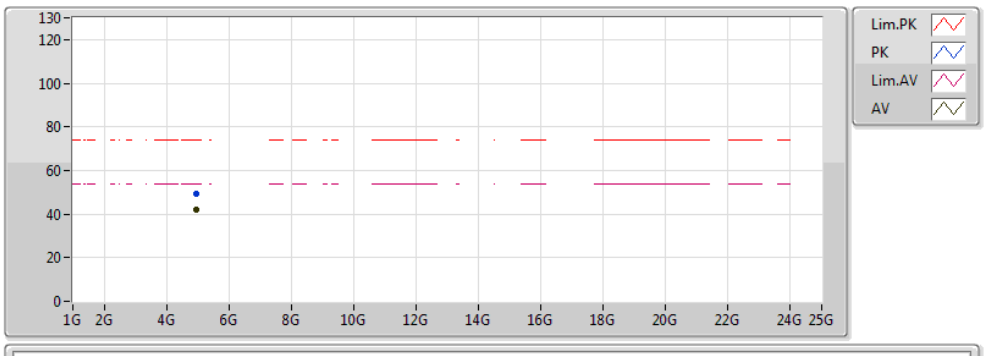
EUT Z_1TX ANT1(con1)
setting 21
04-S-5

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 2.4712G | 94.17 | Inf | -Inf | 32.76 | 3 | H | 183 | 2.64 | - |
| AV | 2.4842G | 52.15 | 54.00 | -1.85 | 32.78 | 3 | H | 183 | 2.64 | - |
| PK | 2.473G | 98.24 | Inf | -Inf | 32.76 | 3 | H | 183 | 2.64 | - |
| PK | 2.4844G | 61.35 | 74.00 | -12.65 | 32.78 | 3 | H | 183 | 2.64 | - |

RE TX above 1GHz;Band:2.4G;11b;BWch:20MHz;Nss:1;Nant:1;Ch:2472MHz;TX

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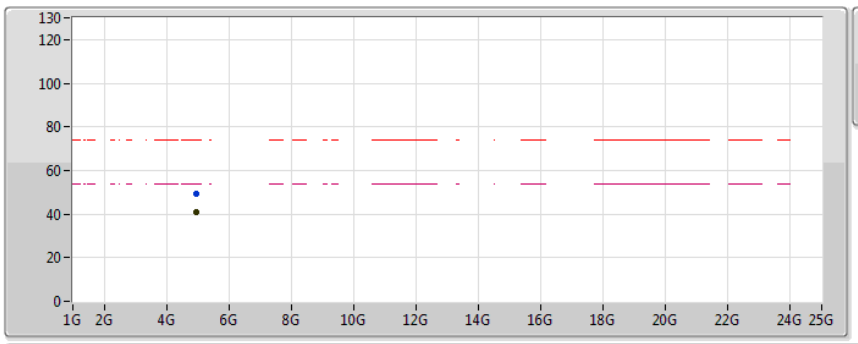
EUT Z_1TX ANT1(con1)
setting 21
05-Z-1

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 4.944G | 41.89 | 54.00 | -12.11 | 7.20 | 3 | V | 36 | 2.66 | - |
| PK | 4.944G | 49.59 | 74.00 | -24.41 | 7.20 | 3 | V | 36 | 2.66 | - |

RE TX above 1GHz;Band:2.4G;11b;BWch:20MHz;Nss:1;Nant:1;Ch:2472MHz;TX

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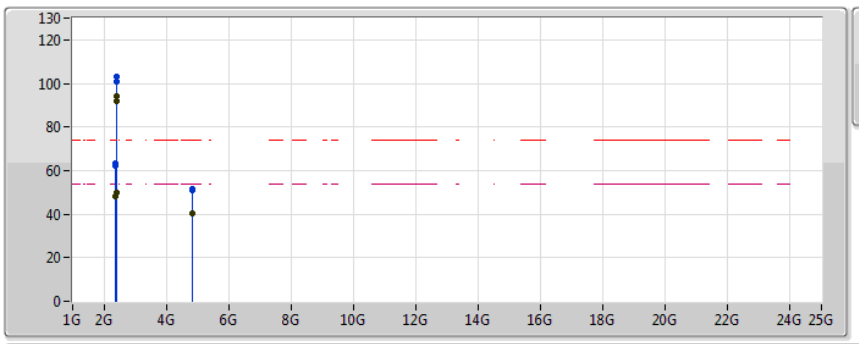
EUT Z_1TX ANT1(con1)
setting 21
05-Z-1

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 4.94404G | 41.12 | 54.00 | -12.88 | 7.20 | 3 | H | 76 | 2.43 | - |
| PK | 4.944G | 49.07 | 74.00 | -24.93 | 7.20 | 3 | H | 76 | 2.43 | - |

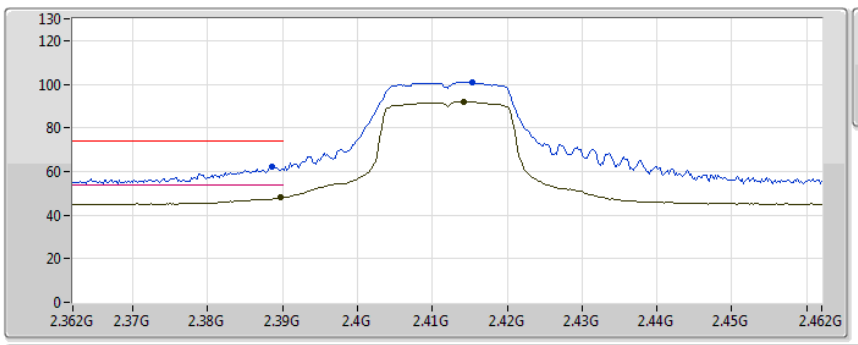
RE TX above 1GHz;Band:2.4G;11g;BWch:20MHz;Nss:1;Nant:1;Ch:2412MHz;TX




20161123
EUT Z_1TX ANT1(con1)
setting 43
05-Z-1

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 2.39G | 50.15 | 54.00 | -3.85 | 32.67 | 3 | H | 353 | 2.99 | - |
| AV | 2.4088G | 94.36 | Inf | -Inf | 32.68 | 3 | H | 353 | 2.99 | - |
| PK | 2.3888G | 63.57 | 74.00 | -10.43 | 32.67 | 3 | H | 353 | 2.99 | - |
| PK | 2.408G | 103.26 | Inf | -Inf | 32.68 | 3 | H | 353 | 2.99 | - |
| AV | 2.3898G | 48.17 | 54.00 | -5.83 | 32.67 | 3 | V | 251 | 2.76 | - |
| AV | 2.4142G | 92.08 | Inf | -Inf | 32.69 | 3 | V | 251 | 2.76 | - |
| PK | 2.3886G | 62.21 | 74.00 | -11.79 | 32.67 | 3 | V | 251 | 2.76 | - |
| PK | 2.4154G | 101.09 | Inf | -Inf | 32.69 | 3 | V | 251 | 2.76 | - |
| AV | 4.82404G | 40.08 | 54.00 | -13.92 | 6.82 | 3 | H | 93 | 1.28 | - |
| PK | 4.82016G | 50.87 | 74.00 | -23.13 | 6.81 | 3 | H | 93 | 1.28 | - |
| AV | 4.82384G | 40.35 | 54.00 | -13.65 | 6.82 | 3 | V | 48 | 2.49 | - |
| PK | 4.82036G | 51.68 | 74.00 | -22.32 | 6.81 | 3 | V | 48 | 2.49 | - |

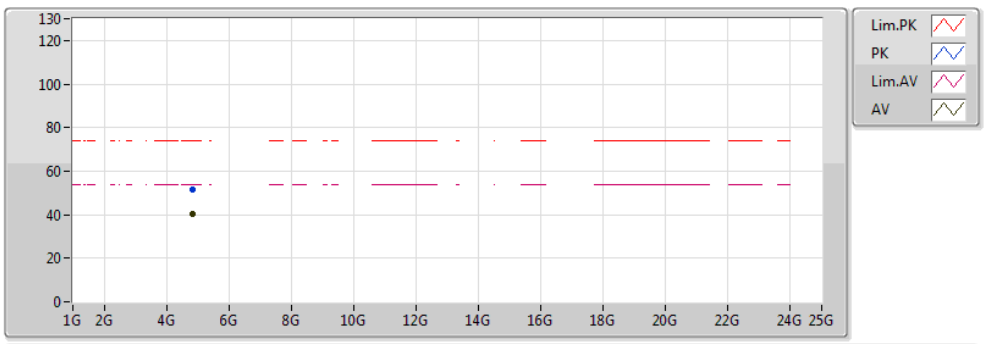
RE TX above 1GHz;Band:2.4G;11g;BWch:20MHz;Nss:1;Nant:1;Ch:2412MHz;TX




20161122
EUT Z_1TX ANT1(con1)
setting 43
04-S-5

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 2.3898G | 48.17 | 54.00 | -5.83 | 32.67 | 3 | V | 251 | 2.76 | - |
| AV | 2.4142G | 92.08 | Inf | -Inf | 32.69 | 3 | V | 251 | 2.76 | - |
| PK | 2.3886G | 62.21 | 74.00 | -11.79 | 32.67 | 3 | V | 251 | 2.76 | - |
| PK | 2.4154G | 101.09 | Inf | -Inf | 32.69 | 3 | V | 251 | 2.76 | - |

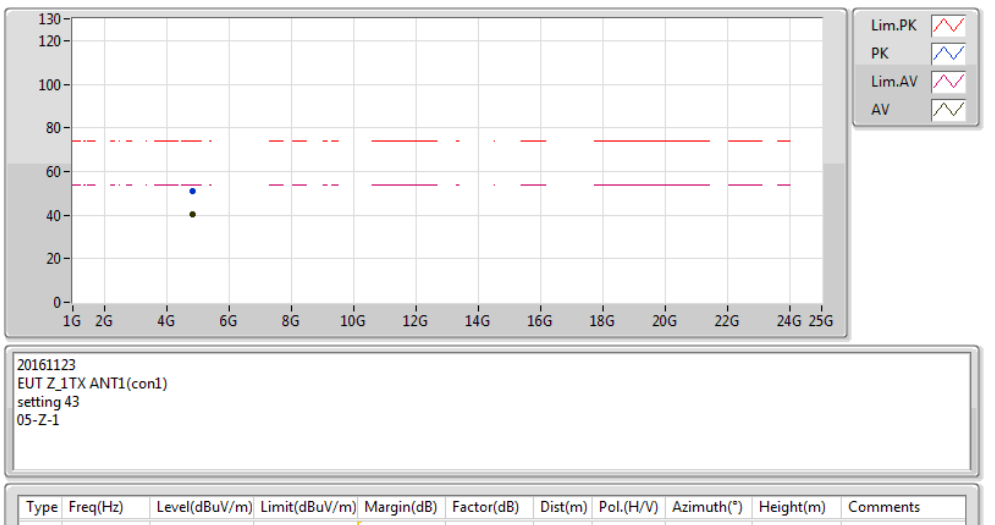
RE TX above 1GHz;Band:2.4G;11g;BWch:20MHz;Nss:1;Nant:1;Ch:2412MHz;TX




20161123
EUT Z_1TX ANT1(con1)
setting 43
05-Z-1

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 4.82384G | 40.35 | 54.00 | -13.65 | 6.82 | 3 | V | 48 | 2.49 | - |
| PK | 4.82036G | 51.68 | 74.00 | -22.32 | 6.81 | 3 | V | 48 | 2.49 | - |

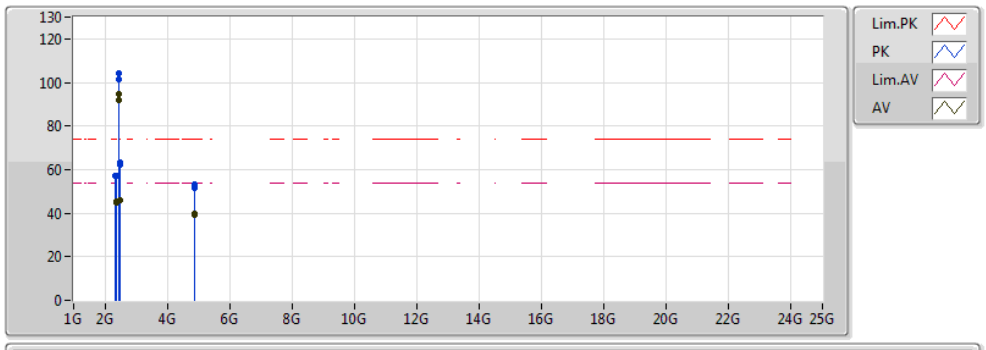
RE TX above 1GHz;Band:2.4G;11g;BWch:20MHz;Nss:1;Nant:1;Ch:2412MHz;TX




20161123
EUT Z_1TX ANT1(con1)
setting 43
05-Z-1

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 4.82404G | 40.08 | 54.00 | -13.92 | 6.82 | 3 | H | 93 | 1.28 | - |
| PK | 4.82016G | 50.87 | 74.00 | -23.13 | 6.81 | 3 | H | 93 | 1.28 | - |

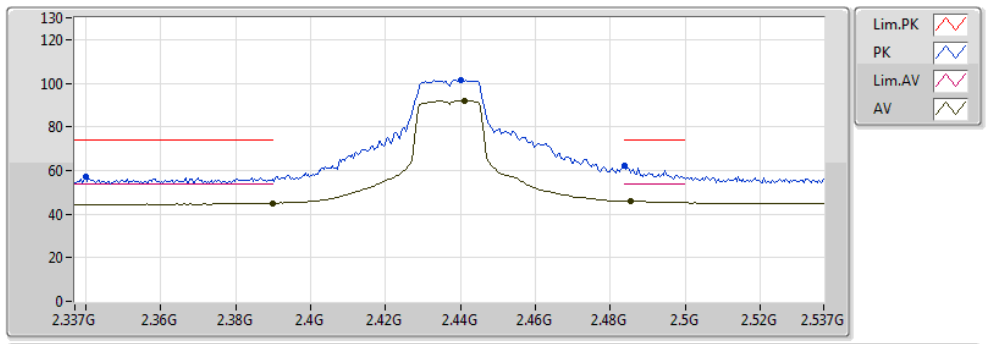
RE TX above 1GHz;Band:2.4G;11g;BWch:20MHz;Nss:1;Nant:1;Ch:2437MHz;TX




20161123
EUT Z_1TX ANT1(con1)
setting 45
05-Z-1

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 2.3898G | 45.27 | 54.00 | -8.73 | 32.67 | 3 | H | 177 | 2.99 | - |
| AV | 2.441G | 94.86 | Inf | -Inf | 32.72 | 3 | H | 177 | 2.99 | - |
| AV | 2.4838G | 46.14 | 54.00 | -7.86 | 32.78 | 3 | H | 177 | 2.99 | - |
| PK | 2.3762G | 57.19 | 74.00 | -16.81 | 32.66 | 3 | H | 177 | 2.99 | - |
| PK | 2.4402G | 104.50 | Inf | -Inf | 32.72 | 3 | H | 177 | 2.99 | - |
| PK | 2.4842G | 63.46 | 74.00 | -10.54 | 32.78 | 3 | H | 177 | 2.99 | - |
| AV | 2.3898G | 44.98 | 54.00 | -9.02 | 32.67 | 3 | V | 262 | 2.51 | - |
| AV | 2.441G | 92.00 | Inf | -Inf | 32.72 | 3 | V | 262 | 2.51 | - |
| AV | 2.4854G | 45.95 | 54.00 | -8.05 | 32.78 | 3 | V | 262 | 2.51 | - |
| PK | 2.3398G | 56.93 | 74.00 | -17.07 | 32.65 | 3 | V | 262 | 2.51 | - |
| PK | 2.4402G | 101.58 | Inf | -Inf | 32.72 | 3 | V | 262 | 2.51 | - |
| PK | 2.4838G | 62.08 | 74.00 | -11.92 | 32.78 | 3 | V | 262 | 2.51 | - |
| AV | 4.87418G | 40.02 | 54.00 | -13.98 | 6.98 | 3 | H | 92 | 1.50 | - |
| PK | 4.875G | 53.24 | 74.00 | -20.76 | 6.98 | 3 | H | 92 | 1.50 | - |
| AV | 4.8741G | 39.48 | 54.00 | -14.52 | 6.98 | 3 | V | 50 | 1.63 | - |
| PK | 4.87154G | 51.44 | 74.00 | -22.56 | 6.97 | 3 | V | 50 | 1.63 | - |

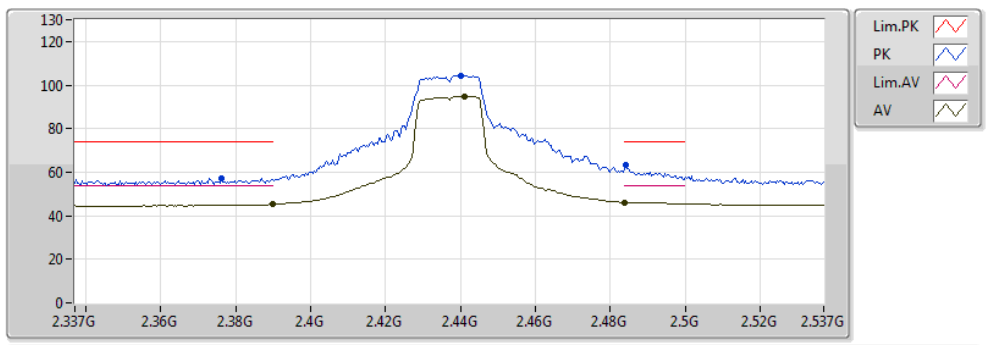
RE TX above 1GHz;Band:2.4G;11g;BWch:20MHz;Nss:1;Nant:1;Ch:2437MHz;TX




20161122
EUT Z_1TX ANT1(con1)
setting 45
04-S-5

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 2.3898G | 44.98 | 54.00 | -9.02 | 32.67 | 3 | V | 262 | 2.51 | - |
| AV | 2.441G | 92.00 | Inf | -Inf | 32.72 | 3 | V | 262 | 2.51 | - |
| AV | 2.4854G | 45.95 | 54.00 | -8.05 | 32.78 | 3 | V | 262 | 2.51 | - |
| PK | 2.3398G | 56.93 | 74.00 | -17.07 | 32.65 | 3 | V | 262 | 2.51 | - |
| PK | 2.4402G | 101.58 | Inf | -Inf | 32.72 | 3 | V | 262 | 2.51 | - |
| PK | 2.4838G | 62.08 | 74.00 | -11.92 | 32.78 | 3 | V | 262 | 2.51 | - |

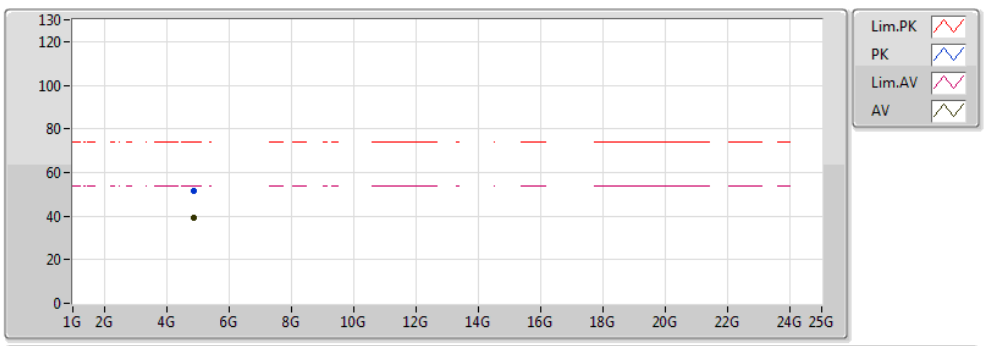
RE TX above 1GHz;Band:2.4G;11g;BWch:20MHz;Nss:1;Nant:1;Ch:2437MHz;TX




20161122
EUT Z_1TX ANT1(con1)
setting 45
04-S-5

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 2.3898G | 45.27 | 54.00 | -8.73 | 32.67 | 3 | H | 177 | 2.99 | - |
| AV | 2.441G | 94.86 | Inf | -Inf | 32.72 | 3 | H | 177 | 2.99 | - |
| AV | 2.4838G | 46.14 | 54.00 | -7.86 | 32.78 | 3 | H | 177 | 2.99 | - |
| PK | 2.3762G | 57.19 | 74.00 | -16.81 | 32.66 | 3 | H | 177 | 2.99 | - |
| PK | 2.4402G | 104.50 | Inf | -Inf | 32.72 | 3 | H | 177 | 2.99 | - |
| PK | 2.4842G | 63.46 | 74.00 | -10.54 | 32.78 | 3 | H | 177 | 2.99 | - |

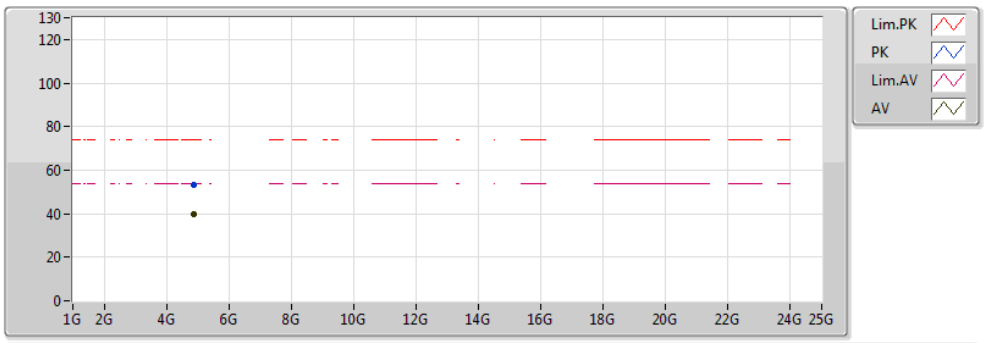
RE TX above 1GHz;Band:2.4G;11g;BWch:20MHz;Nss:1;Nant:1;Ch:2437MHz;TX




20161123
EUT Z_1TX ANT1(con1)
setting 45
05-Z-1

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 4.8741G | 39.48 | 54.00 | -14.52 | 6.98 | 3 | V | 50 | 1.63 | - |
| PK | 4.87154G | 51.44 | 74.00 | -22.56 | 6.97 | 3 | V | 50 | 1.63 | - |

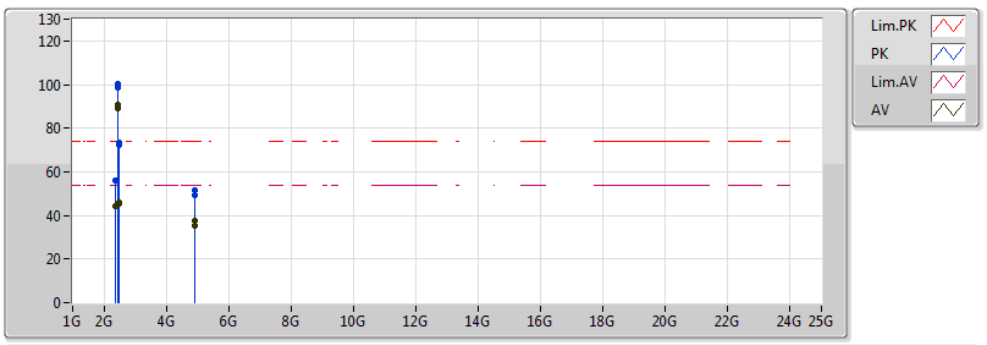
RE TX above 1GHz;Band:2.4G;11g;BWch:20MHz;Nss:1;Nant:1;Ch:2437MHz;TX




20161123
EUT Z_1TX ANT1(con1)
setting 45
05-Z-1

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 4.87418G | 40.02 | 54.00 | -13.98 | 6.98 | 3 | H | 92 | 1.50 | - |
| PK | 4.875G | 53.24 | 74.00 | -20.76 | 6.98 | 3 | H | 92 | 1.50 | - |

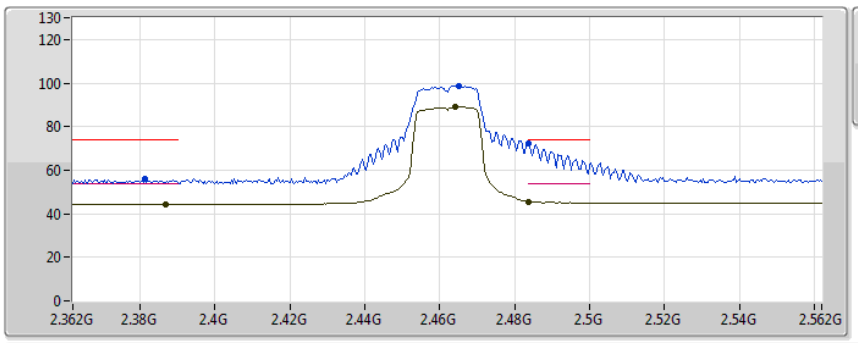
RE TX above 1GHz;Band:2.4G;11g;BWch:20MHz;Nss:1;Nant:1;Ch:2462MHz;TX




20161123
EUT Z_1TX ANT1(con1)
setting 39
04-N-2

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 2.3848G | 44.37 | 54.00 | -9.63 | 32.67 | 3 | H | 9 | 1.50 | - |
| AV | 2.4592G | 90.85 | Inf | -Inf | 32.75 | 3 | H | 9 | 1.50 | - |
| AV | 2.4836G | 45.79 | 54.00 | -8.21 | 32.78 | 3 | H | 9 | 1.50 | - |
| PK | 2.3664G | 55.96 | 74.00 | -18.04 | 32.66 | 3 | H | 9 | 1.50 | - |
| PK | 2.458G | 100.40 | Inf | -Inf | 32.75 | 3 | H | 9 | 1.50 | - |
| PK | 2.4836G | 73.57 | 74.00 | -0.43 | 32.78 | 3 | H | 9 | 1.50 | - |
| AV | 2.3868G | 44.37 | 54.00 | -9.63 | 32.67 | 3 | V | 275 | 2.67 | - |
| AV | 2.464G | 89.15 | Inf | -Inf | 32.75 | 3 | V | 275 | 2.67 | - |
| AV | 2.4836G | 45.48 | 54.00 | -8.52 | 32.78 | 3 | V | 275 | 2.67 | - |
| PK | 2.3812G | 56.02 | 74.00 | -17.98 | 32.66 | 3 | V | 275 | 2.67 | - |
| PK | 2.4652G | 98.74 | Inf | -Inf | 32.75 | 3 | V | 275 | 2.67 | - |
| PK | 2.4836G | 72.19 | 74.00 | -1.81 | 32.78 | 3 | V | 275 | 2.67 | - |
| AV | 4.92404G | 37.47 | 54.00 | -16.53 | 3.98 | 3 | H | 78 | 2.54 | - |
| PK | 4.9202G | 51.29 | 74.00 | -22.71 | 3.97 | 3 | H | 78 | 2.54 | - |
| AV | 4.924G | 35.47 | 54.00 | -18.53 | 3.98 | 3 | V | 0 | 2.00 | - |
| PK | 4.9208G | 49.51 | 74.00 | -24.49 | 3.97 | 3 | V | 0 | 2.00 | - |

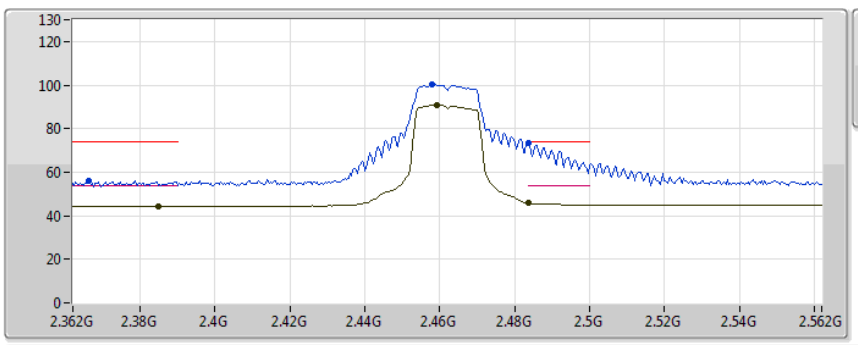
RE TX above 1GHz;Band:2.4G;11g;BWch:20MHz;Nss:1;Nant:1;Ch:2462MHz;TX




20161123
EUT Z_1TX ANT1(con1)
setting 39
04-N-2

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 2.3868G | 44.37 | 54.00 | -9.63 | 32.67 | 3 | V | 275 | 2.67 | - |
| AV | 2.464G | 89.15 | Inf | -Inf | 32.75 | 3 | V | 275 | 2.67 | - |
| AV | 2.4836G | 45.48 | 54.00 | -8.52 | 32.78 | 3 | V | 275 | 2.67 | - |
| PK | 2.3812G | 56.02 | 74.00 | -17.98 | 32.66 | 3 | V | 275 | 2.67 | - |
| PK | 2.4652G | 98.74 | Inf | -Inf | 32.75 | 3 | V | 275 | 2.67 | - |
| PK | 2.4836G | 72.19 | 74.00 | -1.81 | 32.78 | 3 | V | 275 | 2.67 | - |

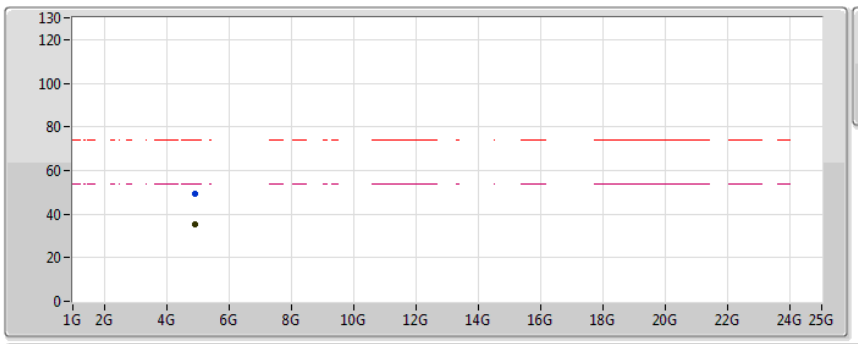
RE TX above 1GHz;Band:2.4G;11g;BWch:20MHz;Nss:1;Nant:1;Ch:2462MHz;TX




20161123
EUT Z_1TX ANT1(con1)
setting 39
04-N-2

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 2.3848G | 44.37 | 54.00 | -9.63 | 32.67 | 3 | H | 9 | 1.50 | - |
| AV | 2.4592G | 90.85 | Inf | -Inf | 32.75 | 3 | H | 9 | 1.50 | - |
| AV | 2.4836G | 45.79 | 54.00 | -8.21 | 32.78 | 3 | H | 9 | 1.50 | - |
| PK | 2.3664G | 55.96 | 74.00 | -18.04 | 32.66 | 3 | H | 9 | 1.50 | - |
| PK | 2.458G | 100.40 | Inf | -Inf | 32.75 | 3 | H | 9 | 1.50 | - |
| PK | 2.4836G | 73.57 | 74.00 | -0.43 | 32.78 | 3 | H | 9 | 1.50 | - |

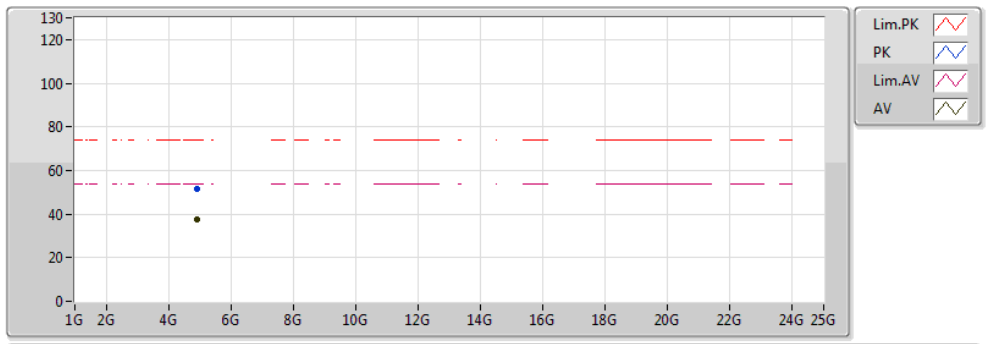
RE TX above 1GHz;Band:2.4G;11g;BWch:20MHz;Nss:1;Nant:1;Ch:2462MHz;TX




20161123
EUT Z_1TX ANT1(con1)
setting 39
04-N-2

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 4.924G | 35.47 | 54.00 | -18.53 | 3.98 | 3 | V | 0 | 2.00 | - |
| PK | 4.9208G | 49.51 | 74.00 | -24.49 | 3.97 | 3 | V | 0 | 2.00 | - |

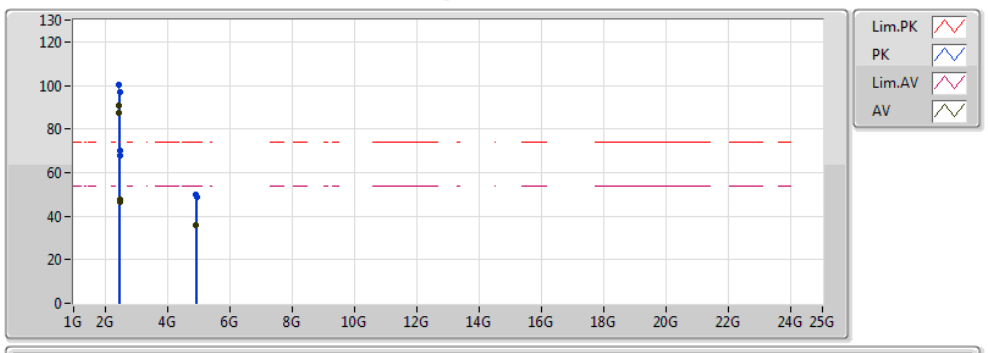
RE TX above 1GHz;Band:2.4G;11g;BWch:20MHz;Nss:1;Nant:1;Ch:2462MHz;TX




20161123
EUT Z_1TX ANT1(con1)
setting 39
04-N-2

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 4.92404G | 37.47 | 54.00 | -16.53 | 3.98 | 3 | H | 78 | 2.54 | - |
| PK | 4.9202G | 51.29 | 74.00 | -22.71 | 3.97 | 3 | H | 78 | 2.54 | - |

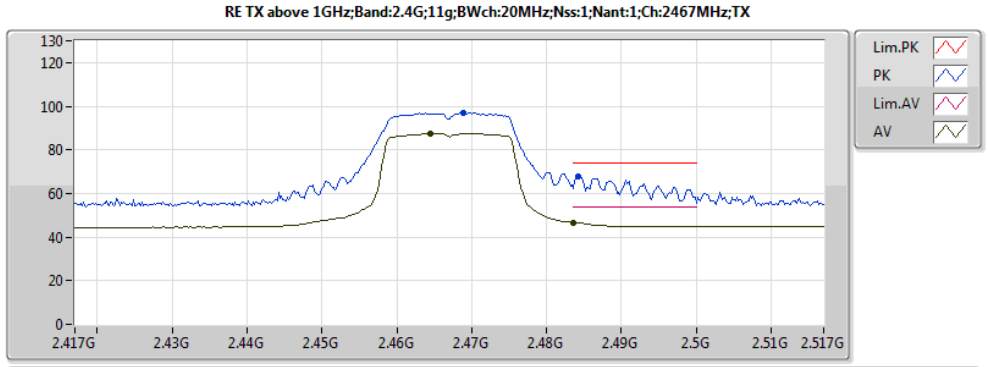
RE TX above 1GHz;Band:2.4G;11g;BWch:20MHz;Nss:1;Nant:1;Ch:2467MHz;TX




20161122
EUT Z_1TX ANT1(con1)
setting 39
04-S-5

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 2.4644G | 90.88 | Inf | -Inf | 32.75 | 3 | H | 182 | 2.95 | - |
| AV | 2.4836G | 47.43 | 54.00 | -6.57 | 32.78 | 3 | H | 182 | 2.95 | - |
| PK | 2.463G | 100.46 | Inf | -Inf | 32.75 | 3 | H | 182 | 2.95 | - |
| PK | 2.4844G | 70.03 | 74.00 | -3.97 | 32.78 | 3 | H | 182 | 2.95 | - |
| AV | 2.4644G | 87.45 | Inf | -Inf | 32.75 | 3 | V | 219 | 2.87 | - |
| AV | 2.4836G | 46.68 | 54.00 | -7.32 | 32.78 | 3 | V | 219 | 2.87 | - |
| PK | 2.4688G | 96.84 | Inf | -Inf | 32.76 | 3 | V | 219 | 2.87 | - |
| PK | 2.4842G | 67.97 | 74.00 | -6.03 | 32.78 | 3 | V | 219 | 2.87 | - |
| AV | 4.9342G | 35.87 | 54.00 | -18.13 | 7.17 | 3 | H | 261 | 2.41 | - |
| PK | 4.93602G | 48.52 | 74.00 | -25.48 | 7.17 | 3 | H | 261 | 2.41 | - |
| AV | 4.93404G | 35.97 | 54.00 | -18.03 | 7.17 | 3 | V | 162 | 2.46 | - |
| PK | 4.93406G | 49.60 | 74.00 | -24.40 | 7.17 | 3 | V | 162 | 2.46 | - |

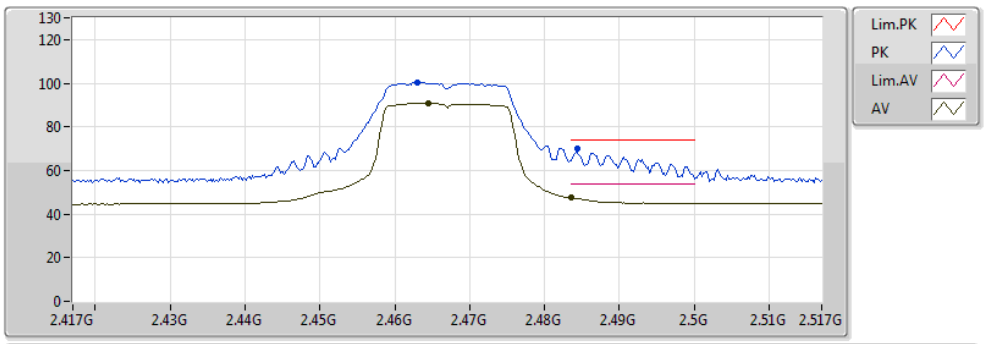
RE TX above 1GHz;Band:2.4G;11g;BWch:20MHz;Nss:1;Nant:1;Ch:2467MHz;TX




20161122
EUT Z_1TX ANT1(con1)
setting 39
04-S-5

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 2.4644G | 87.45 | Inf | -Inf | 32.75 | 3 | V | 219 | 2.87 | - |
| AV | 2.4836G | 46.68 | 54.00 | -7.32 | 32.78 | 3 | V | 219 | 2.87 | - |
| PK | 2.4688G | 96.84 | Inf | -Inf | 32.76 | 3 | V | 219 | 2.87 | - |
| PK | 2.4842G | 67.97 | 74.00 | -6.03 | 32.78 | 3 | V | 219 | 2.87 | - |

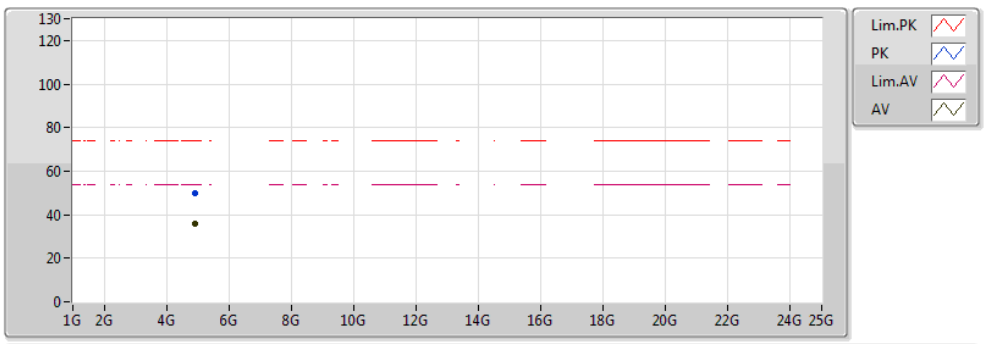
RE TX above 1GHz;Band:2.4G;11g;BWch:20MHz;Nss:1;Nant:1;Ch:2467MHz;TX




20161122
EUT Z_1TX ANT1(con1)
setting 39
04-S-5

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 2.4644G | 90.88 | Inf | -Inf | 32.75 | 3 | H | 182 | 2.95 | - |
| AV | 2.4836G | 47.43 | 54.00 | -6.57 | 32.78 | 3 | H | 182 | 2.95 | - |
| PK | 2.463G | 100.46 | Inf | -Inf | 32.75 | 3 | H | 182 | 2.95 | - |
| PK | 2.4844G | 70.03 | 74.00 | -3.97 | 32.78 | 3 | H | 182 | 2.95 | - |

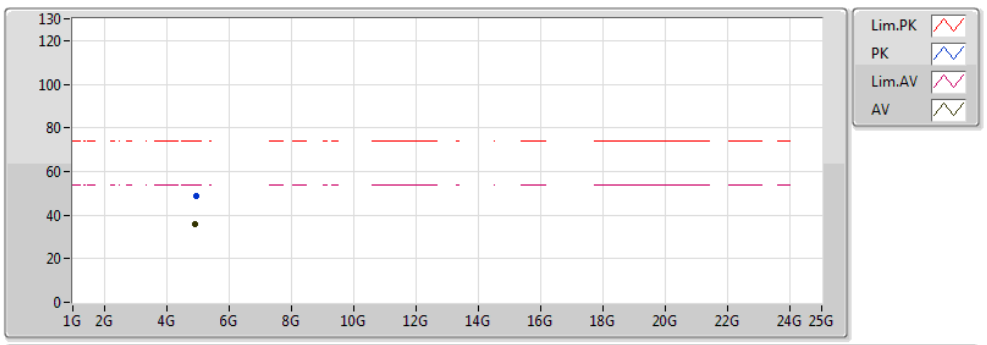
RE TX above 1GHz;Band:2.4G;11g;BWch:20MHz;Nss:1;Nant:1;Ch:2467MHz;TX




20161122
EUT Z_1TX ANT1(con1)
setting 39
04-S-5

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 4.93404G | 35.97 | 54.00 | -18.03 | 7.17 | 3 | V | 162 | 2.46 | - |
| PK | 4.93406G | 49.60 | 74.00 | -24.40 | 7.17 | 3 | V | 162 | 2.46 | - |

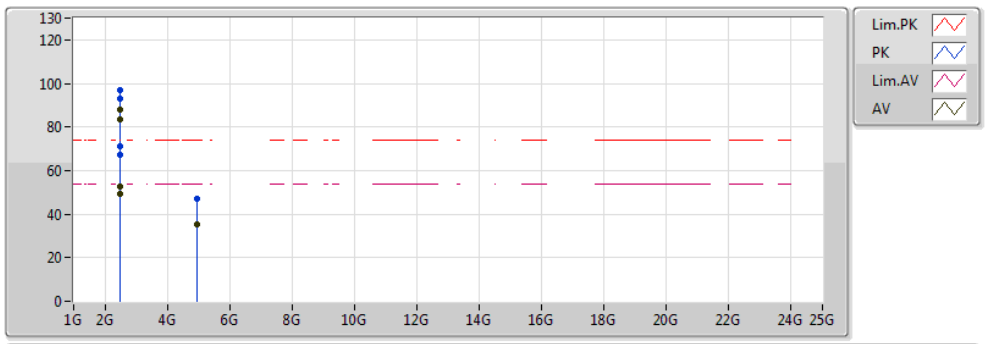
RE TX above 1GHz;Band:2.4G;11g;BWch:20MHz;Nss:1;Nant:1;Ch:2467MHz;TX




20161122
EUT Z_1TX ANT1(con1)
setting 39
04-S-5

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 4.9342G | 35.87 | 54.00 | -18.13 | 7.17 | 3 | H | 261 | 2.41 | - |
| PK | 4.93602G | 48.52 | 74.00 | -25.48 | 7.17 | 3 | H | 261 | 2.41 | - |

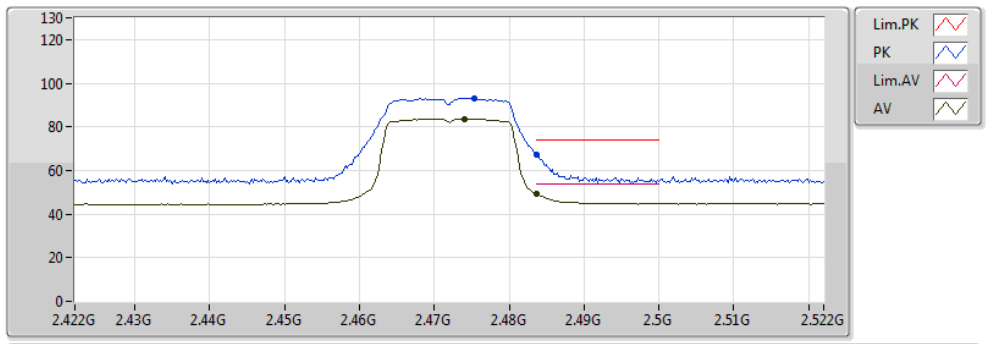
RE TX above 1GHz;Band:2.4G;11g;BWch:20MHz;Nss:1;Nant:1;Ch:2472MHz;TX




20161123
EUT Z_1TX ANT1(con1)
setting 29
05-Z-1

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 2.4752G | 87.91 | Inf | -Inf | 32.77 | 3 | H | 181 | 2.58 | - |
| AV | 2.4836G | 52.47 | 54.00 | -1.53 | 32.78 | 3 | H | 181 | 2.58 | - |
| PK | 2.4752G | 97.04 | Inf | -Inf | 32.77 | 3 | H | 181 | 2.58 | - |
| PK | 2.4836G | 71.02 | 74.00 | -2.98 | 32.78 | 3 | H | 181 | 2.58 | - |
| AV | 2.474G | 83.67 | Inf | -Inf | 32.77 | 3 | V | 226 | 2.78 | - |
| AV | 2.4836G | 49.43 | 54.00 | -4.57 | 32.78 | 3 | V | 226 | 2.78 | - |
| PK | 2.4754G | 93.11 | Inf | -Inf | 32.77 | 3 | V | 226 | 2.78 | - |
| PK | 2.4836G | 67.35 | 74.00 | -6.65 | 32.78 | 3 | V | 226 | 2.78 | - |
| AV | 4.94672G | 35.43 | 54.00 | -18.57 | 7.20 | 3 | H | 85 | 1.18 | - |
| PK | 4.9418G | 46.96 | 74.00 | -27.04 | 7.19 | 3 | H | 85 | 1.18 | - |
| AV | 4.94344G | 35.41 | 54.00 | -18.59 | 7.19 | 3 | V | 299 | 1.71 | - |
| PK | 4.93946G | 46.90 | 74.00 | -27.10 | 7.18 | 3 | V | 299 | 1.71 | - |

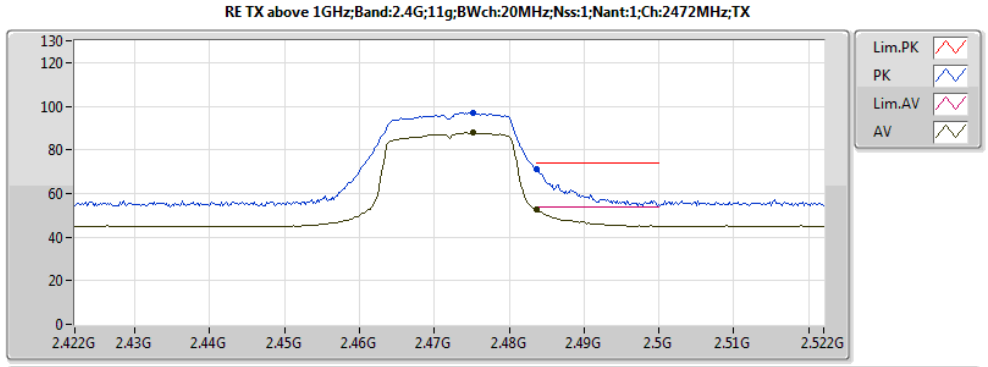
RE TX above 1GHz;Band:2.4G;11g;BWch:20MHz;Nss:1;Nant:1;Ch:2472MHz;TX




20161122
EUT Z_1TX ANT1(con1)
setting 29
04-S-5

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 2.474G | 83.67 | Inf | -Inf | 32.77 | 3 | V | 226 | 2.78 | - |
| AV | 2.4836G | 49.43 | 54.00 | -4.57 | 32.78 | 3 | V | 226 | 2.78 | - |
| PK | 2.4754G | 93.11 | Inf | -Inf | 32.77 | 3 | V | 226 | 2.78 | - |
| PK | 2.4836G | 67.35 | 74.00 | -6.65 | 32.78 | 3 | V | 226 | 2.78 | - |

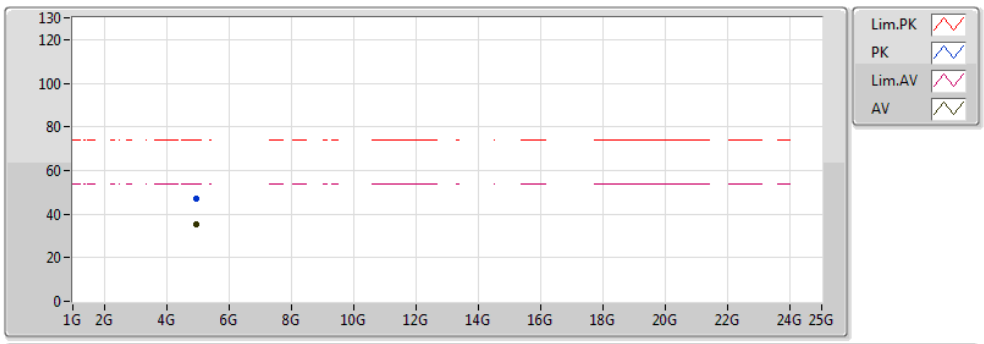
RE TX above 1GHz;Band:2.4G;11g;BWch:20MHz;Nss:1;Nant:1;Ch:2472MHz;TX




20161122
EUT Z_1TX ANT1(con1)
setting 29
04-S-5

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 2.4752G | 87.91 | Inf | -Inf | 32.77 | 3 | H | 181 | 2.58 | - |
| AV | 2.4836G | 52.47 | 54.00 | -1.53 | 32.78 | 3 | H | 181 | 2.58 | - |
| PK | 2.4752G | 97.04 | Inf | -Inf | 32.77 | 3 | H | 181 | 2.58 | - |
| PK | 2.4836G | 71.02 | 74.00 | -2.98 | 32.78 | 3 | H | 181 | 2.58 | - |

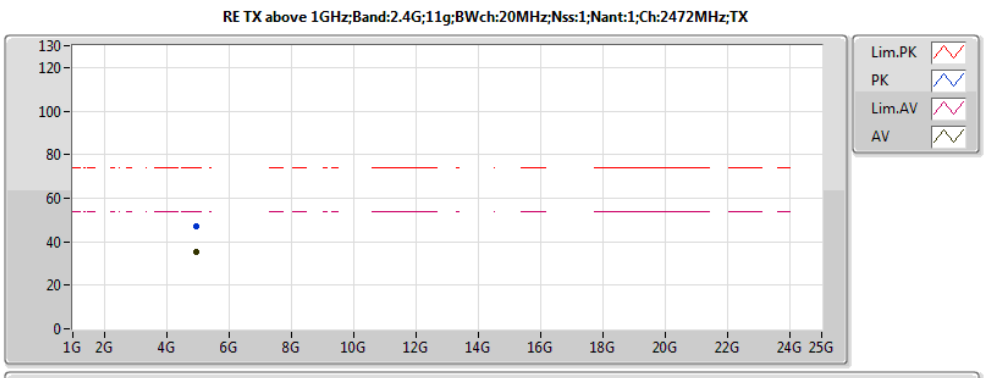
RE TX above 1GHz;Band:2.4G;11g;BWch:20MHz;Nss:1;Nant:1;Ch:2472MHz;TX




20161123
EUT Z_1TX ANT1(con1)
setting 29
05-Z-1

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 4.94344G | 35.41 | 54.00 | -18.59 | 7.19 | 3 | V | 299 | 1.71 | - |
| PK | 4.93946G | 46.90 | 74.00 | -27.10 | 7.18 | 3 | V | 299 | 1.71 | - |

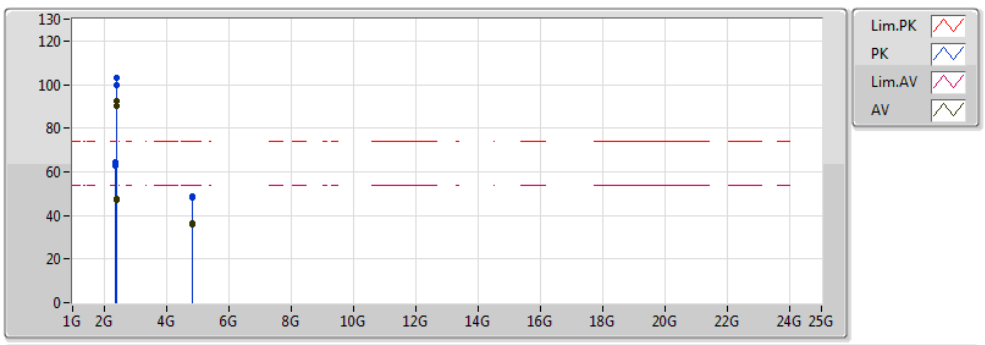
RE TX above 1GHz;Band:2.4G;11g;BWch:20MHz;Nss:1;Nant:1;Ch:2472MHz;TX




20161123
EUT Z_1TX ANT1(con1)
setting 29
05-Z-1

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 4.94672G | 35.43 | 54.00 | -18.57 | 7.20 | 3 | H | 85 | 1.18 | - |
| PK | 4.9418G | 46.96 | 74.00 | -27.04 | 7.19 | 3 | H | 85 | 1.18 | - |

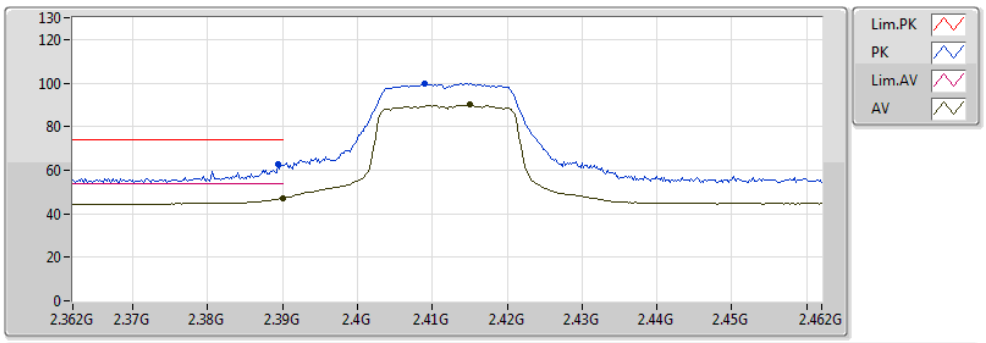
RE TX above 1GHz;Band:2.4G;HT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:2412MHz;TX




20161123
EUT Z_1TX ANT1(con1)
setting 41
05-Z-1

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 2.39G | 47.86 | 54.00 | -6.14 | 32.67 | 3 | H | 352 | 2.90 | - |
| AV | 2.4088G | 92.54 | Inf | -Inf | 32.68 | 3 | H | 352 | 2.90 | - |
| PK | 2.3898G | 64.46 | 74.00 | -9.54 | 32.67 | 3 | H | 352 | 2.90 | - |
| PK | 2.409G | 103.18 | Inf | -Inf | 32.68 | 3 | H | 352 | 2.90 | - |
| AV | 2.39G | 47.13 | 54.00 | -6.87 | 32.67 | 3 | V | 223 | 2.76 | - |
| AV | 2.415G | 89.95 | Inf | -Inf | 32.69 | 3 | V | 223 | 2.76 | - |
| PK | 2.3894G | 62.59 | 74.00 | -11.41 | 32.67 | 3 | V | 223 | 2.76 | - |
| PK | 2.409G | 100.00 | Inf | -Inf | 32.68 | 3 | V | 223 | 2.76 | - |
| AV | 4.829G | 35.69 | 54.00 | -18.31 | 6.84 | 3 | H | 124 | 1.05 | - |
| PK | 4.82554G | 48.21 | 74.00 | -25.79 | 6.83 | 3 | H | 124 | 1.05 | - |
| AV | 4.82402G | 36.38 | 54.00 | -17.62 | 6.82 | 3 | V | 118 | 2.44 | - |
| PK | 4.82758G | 48.59 | 74.00 | -25.41 | 6.84 | 3 | V | 118 | 2.44 | - |

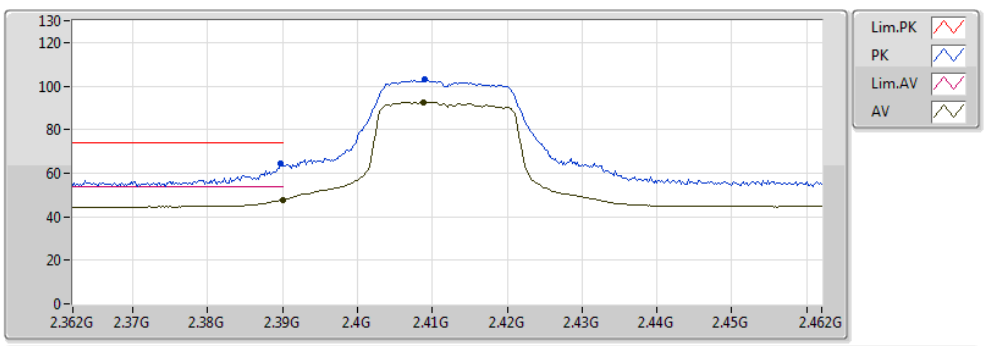
RE TX above 1GHz;Band:2.4G;HT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:2412MHz;TX




20161122
EUT Z_1TX ANT1(con1)
setting 41
04-S-5

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 2.39G | 47.13 | 54.00 | -6.87 | 32.67 | 3 | V | 223 | 2.76 | - |
| AV | 2.415G | 89.95 | Inf | -Inf | 32.69 | 3 | V | 223 | 2.76 | - |
| PK | 2.3894G | 62.59 | 74.00 | -11.41 | 32.67 | 3 | V | 223 | 2.76 | - |
| PK | 2.409G | 100.00 | Inf | -Inf | 32.68 | 3 | V | 223 | 2.76 | - |

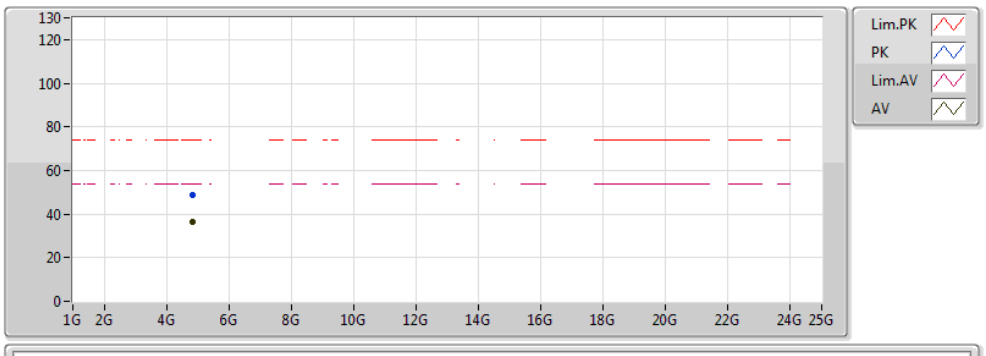
RE TX above 1GHz;Band:2.4G;HT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:2412MHz;TX




20161122
EUT Z_1TX ANT1(con1)
setting 41
04-S-5

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 2.39G | 47.86 | 54.00 | -6.14 | 32.67 | 3 | H | 352 | 2.90 | - |
| AV | 2.4088G | 92.54 | Inf | -Inf | 32.68 | 3 | H | 352 | 2.90 | - |
| PK | 2.3898G | 64.46 | 74.00 | -9.54 | 32.67 | 3 | H | 352 | 2.90 | - |
| PK | 2.409G | 103.18 | Inf | -Inf | 32.68 | 3 | H | 352 | 2.90 | - |

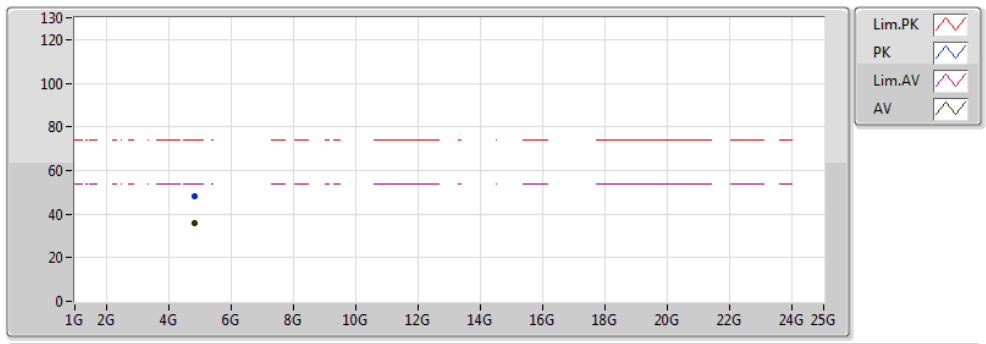
RE TX above 1GHz;Band:2.4G;HT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:2412MHz;TX




20161123
EUT Z_1TX ANT1(con1)
setting 41
05-Z-1

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 4.82402G | 36.38 | 54.00 | -17.62 | 6.82 | 3 | V | 118 | 2.44 | - |
| PK | 4.82758G | 48.59 | 74.00 | -25.41 | 6.84 | 3 | V | 118 | 2.44 | - |

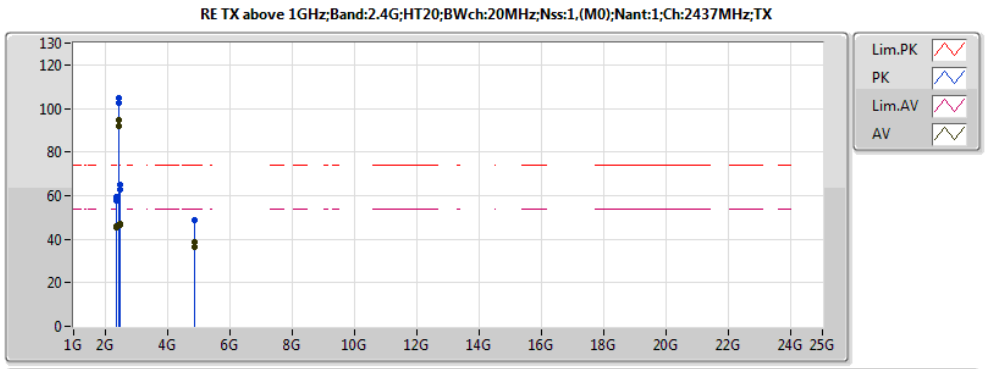
RE TX above 1GHz;Band:2.4G;HT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:2412MHz;TX




20161123
EUT Z_1TX ANT1(con1)
setting 41
05-Z-1

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 4.829G | 35.69 | 54.00 | -18.31 | 6.84 | 3 | H | 124 | 1.05 | - |
| PK | 4.82554G | 48.21 | 74.00 | -25.79 | 6.83 | 3 | H | 124 | 1.05 | - |

RE TX above 1GHz;Band:2.4G;HT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:2437MHz;TX

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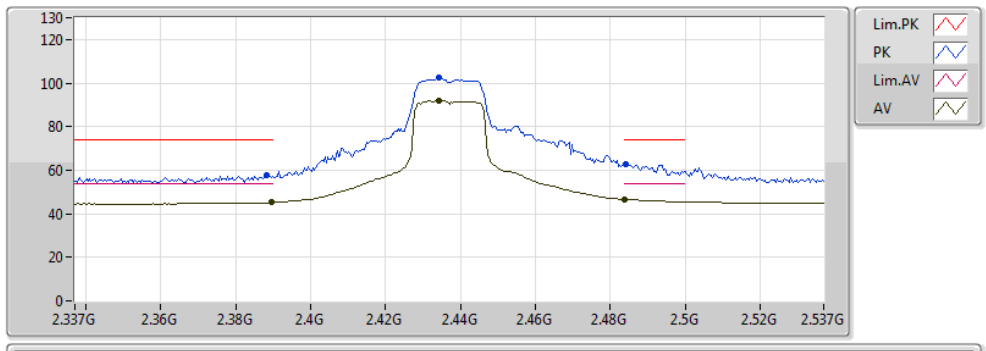
EUT Z_1TX ANT1(con1)
setting 46
04-S-5

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 2.389G | 45.73 | 54.00 | -8.27 | 32.67 | 3 | H | 176 | 2.94 | - |
| AV | 2.4402G | 94.65 | Inf | -Inf | 32.72 | 3 | H | 176 | 2.94 | - |
| AV | 2.4838G | 47.21 | 54.00 | -6.79 | 32.78 | 3 | H | 176 | 2.94 | - |
| PK | 2.3894G | 59.49 | 74.00 | -14.51 | 32.67 | 3 | H | 176 | 2.94 | - |
| PK | 2.4338G | 104.62 | Inf | -Inf | 32.71 | 3 | H | 176 | 2.94 | - |
| PK | 2.4934G | 65.28 | 74.00 | -8.72 | 32.79 | 3 | H | 176 | 2.94 | - |
| AV | 2.3894G | 45.20 | 54.00 | -8.80 | 32.67 | 3 | V | 228 | 2.86 | - |
| AV | 2.4342G | 91.95 | Inf | -Inf | 32.71 | 3 | V | 228 | 2.86 | - |
| AV | 2.4838G | 46.60 | 54.00 | -7.40 | 32.78 | 3 | V | 228 | 2.86 | - |
| PK | 2.3882G | 57.53 | 74.00 | -16.47 | 32.67 | 3 | V | 228 | 2.86 | - |
| PK | 2.4342G | 102.40 | Inf | -Inf | 32.71 | 3 | V | 228 | 2.86 | - |
| PK | 2.4842G | 62.83 | 74.00 | -11.17 | 32.78 | 3 | V | 228 | 2.86 | - |
| AV | 4.879G | 36.43 | 54.00 | -17.57 | 6.99 | 3 | H | 239 | 1.03 | - |
| PK | 4.87422G | 48.54 | 74.00 | -25.46 | 6.98 | 3 | H | 239 | 1.03 | - |
| AV | 4.879G | 38.53 | 54.00 | -15.47 | 6.99 | 3 | V | 260 | 2.29 | - |
| PK | 4.8762G | 48.82 | 74.00 | -25.18 | 6.99 | 3 | V | 260 | 2.29 | - |

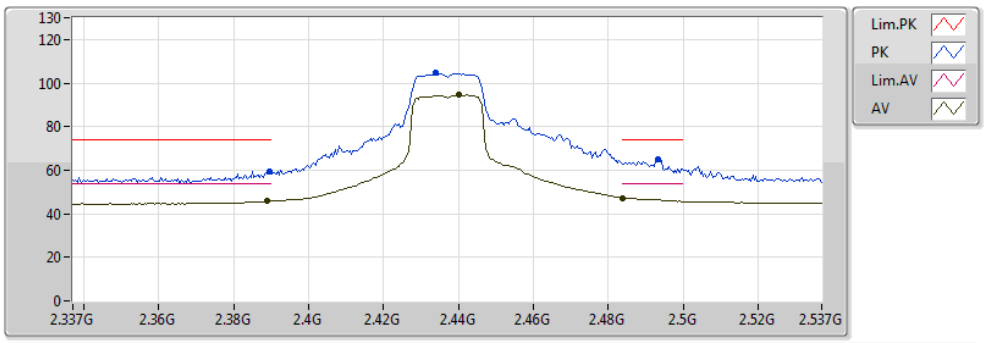
RE TX above 1GHz;Band:2.4G;HT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:2437MHz;TX




20161122
EUT Z_1TX ANT1(con1)
setting 46
04-S-5

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 2.3894G | 45.20 | 54.00 | -8.80 | 32.67 | 3 | V | 228 | 2.86 | - |
| AV | 2.4342G | 91.95 | Inf | -Inf | 32.71 | 3 | V | 228 | 2.86 | - |
| AV | 2.4838G | 46.60 | 54.00 | -7.40 | 32.78 | 3 | V | 228 | 2.86 | - |
| PK | 2.3882G | 57.53 | 74.00 | -16.47 | 32.67 | 3 | V | 228 | 2.86 | - |
| PK | 2.4342G | 102.40 | Inf | -Inf | 32.71 | 3 | V | 228 | 2.86 | - |
| PK | 2.4842G | 62.83 | 74.00 | -11.17 | 32.78 | 3 | V | 228 | 2.86 | - |

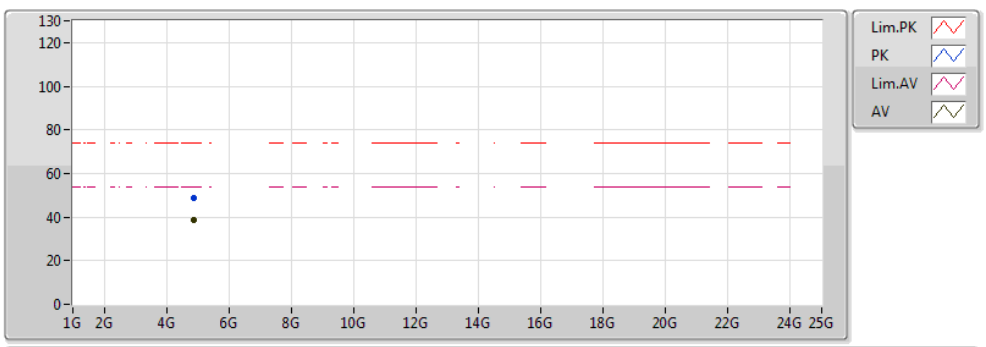
RE TX above 1GHz;Band:2.4G;HT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:2437MHz;TX




20161122
EUT Z_1TX ANT1(con1)
setting 46
04-S-5

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 2.389G | 45.73 | 54.00 | -8.27 | 32.67 | 3 | H | 176 | 2.94 | - |
| AV | 2.4402G | 94.65 | Inf | -Inf | 32.72 | 3 | H | 176 | 2.94 | - |
| AV | 2.4838G | 47.21 | 54.00 | -6.79 | 32.78 | 3 | H | 176 | 2.94 | - |
| PK | 2.3894G | 59.49 | 74.00 | -14.51 | 32.67 | 3 | H | 176 | 2.94 | - |
| PK | 2.4338G | 104.62 | Inf | -Inf | 32.71 | 3 | H | 176 | 2.94 | - |
| PK | 2.4934G | 65.28 | 74.00 | -8.72 | 32.79 | 3 | H | 176 | 2.94 | - |

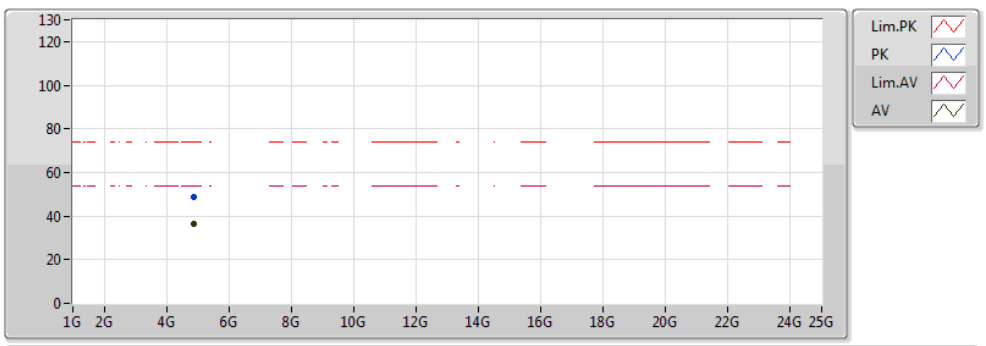
RE TX above 1GHz;Band:2.4G;HT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:2437MHz;TX




20161122
EUT Z_1TX ANT1(con1)
setting 46
04-S-5

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 4.879G | 38.53 | 54.00 | -15.47 | 6.99 | 3 | V | 260 | 2.29 | - |
| PK | 4.8762G | 48.82 | 74.00 | -25.18 | 6.99 | 3 | V | 260 | 2.29 | - |

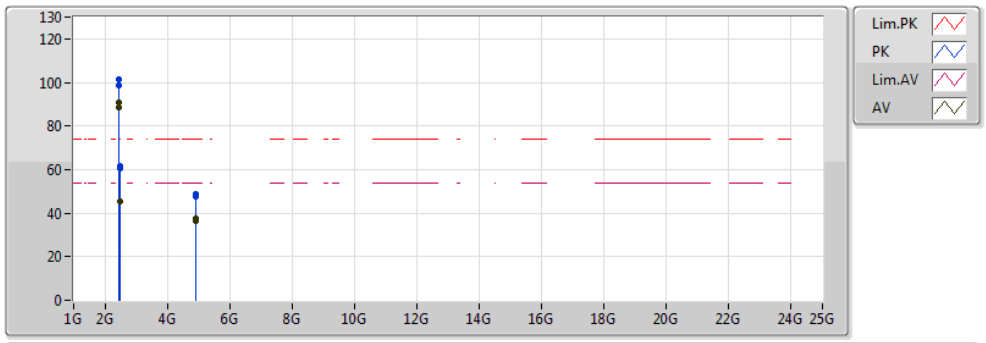
RE TX above 1GHz;Band:2.4G;HT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:2437MHz;TX




20161122
EUT Z_1TX ANT1(con1)
setting 46
04-S-5

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 4.879G | 36.43 | 54.00 | -17.57 | 6.99 | 3 | H | 239 | 1.03 | - |
| PK | 4.87422G | 48.54 | 74.00 | -25.46 | 6.98 | 3 | H | 239 | 1.03 | - |

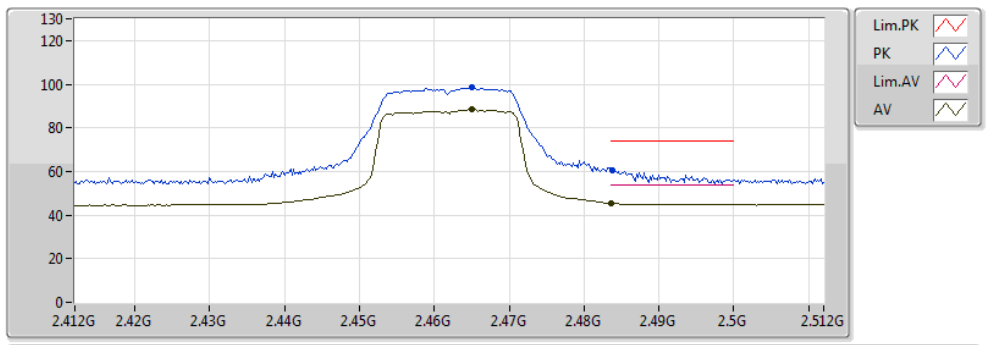
RE TX above 1GHz;Band:2.4G;HT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:2462MHz;TX




20161122
EUT Z_1TX ANT1(con1)
setting 39
04-S-5

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 2.465G | 91.05 | Inf | -Inf | 32.75 | 3 | H | 182 | 2.98 | - |
| AV | 2.4836G | 45.52 | 54.00 | -8.48 | 32.78 | 3 | H | 182 | 2.98 | - |
| PK | 2.459G | 101.40 | Inf | -Inf | 32.75 | 3 | H | 182 | 2.98 | - |
| PK | 2.4844G | 61.75 | 74.00 | -12.25 | 32.78 | 3 | H | 182 | 2.98 | - |
| AV | 2.465G | 88.58 | Inf | -Inf | 32.75 | 3 | V | 222 | 2.77 | - |
| AV | 2.4836G | 45.36 | 54.00 | -8.64 | 32.78 | 3 | V | 222 | 2.77 | - |
| PK | 2.465G | 98.43 | Inf | -Inf | 32.75 | 3 | V | 222 | 2.77 | - |
| PK | 2.4838G | 60.79 | 74.00 | -13.21 | 32.78 | 3 | V | 222 | 2.77 | - |
| AV | 4.92436G | 36.53 | 54.00 | -17.47 | 7.14 | 3 | H | 298 | 2.45 | - |
| PK | 4.92746G | 47.64 | 74.00 | -26.36 | 7.15 | 3 | H | 298 | 2.45 | - |
| AV | 4.91906G | 37.49 | 54.00 | -16.51 | 7.12 | 3 | V | 241 | 1.36 | - |
| PK | 4.92612G | 48.83 | 74.00 | -25.17 | 7.14 | 3 | V | 241 | 1.36 | - |

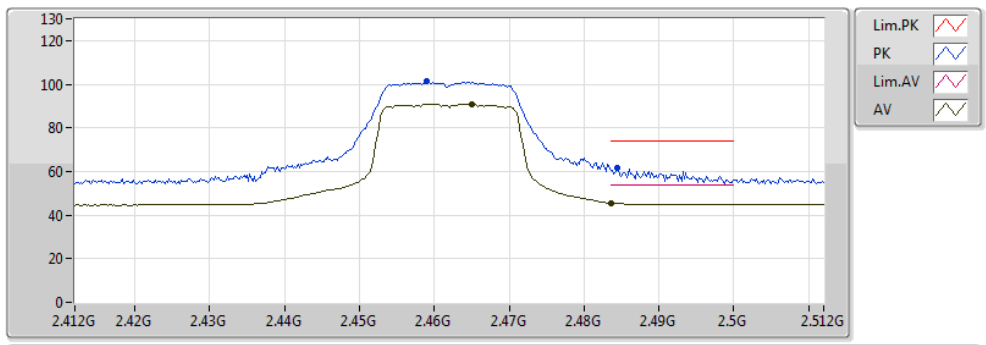
RE TX above 1GHz;Band:2.4G;HT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:2462MHz;TX




20161122
EUT Z_1TX ANT1(con1)
setting 39
04-S-5

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 2.465G | 88.58 | Inf | -Inf | 32.75 | 3 | V | 222 | 2.77 | - |
| AV | 2.4836G | 45.36 | 54.00 | -8.64 | 32.78 | 3 | V | 222 | 2.77 | - |
| PK | 2.465G | 98.43 | Inf | -Inf | 32.75 | 3 | V | 222 | 2.77 | - |
| PK | 2.4838G | 60.79 | 74.00 | -13.21 | 32.78 | 3 | V | 222 | 2.77 | - |

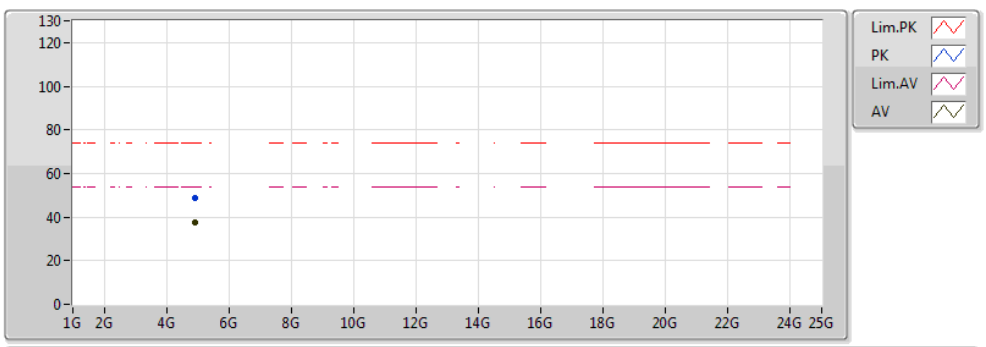
RE TX above 1GHz;Band:2.4G;HT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:2462MHz;TX




20161122
EUT Z_1TX ANT1(con1)
setting 39
04-S-5

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 2.465G | 91.05 | Inf | -Inf | 32.75 | 3 | H | 182 | 2.98 | - |
| AV | 2.4836G | 45.52 | 54.00 | -8.48 | 32.78 | 3 | H | 182 | 2.98 | - |
| PK | 2.459G | 101.40 | Inf | -Inf | 32.75 | 3 | H | 182 | 2.98 | - |
| PK | 2.4844G | 61.75 | 74.00 | -12.25 | 32.78 | 3 | H | 182 | 2.98 | - |

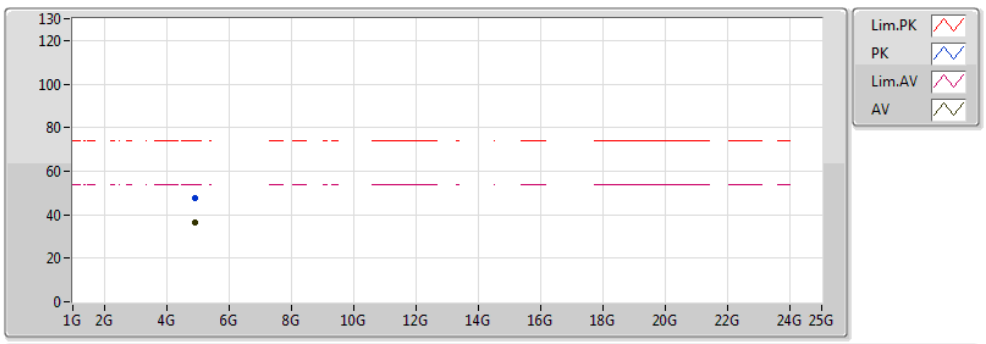
RE TX above 1GHz;Band:2.4G;HT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:2462MHz;TX




20161122
EUT Z_1TX ANT1(con1)
setting 39
04-S-5

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 4.91906G | 37.49 | 54.00 | -16.51 | 7.12 | 3 | V | 241 | 1.36 | - |
| PK | 4.92612G | 48.83 | 74.00 | -25.17 | 7.14 | 3 | V | 241 | 1.36 | - |

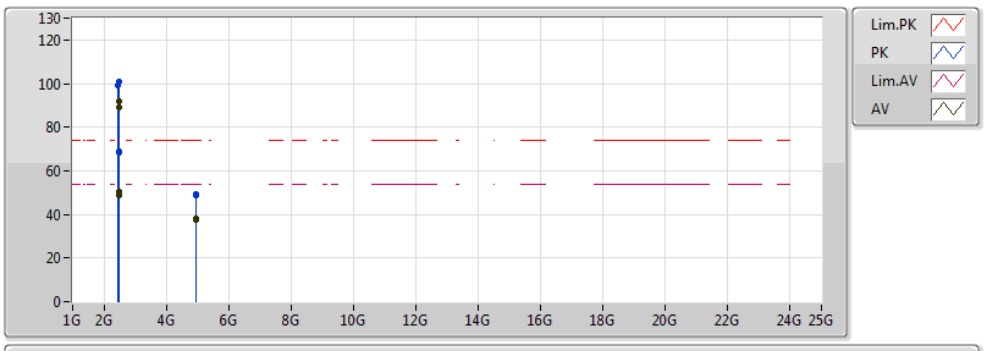
RE TX above 1GHz;Band:2.4G;HT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:2462MHz;TX




20161122
EUT Z_1TX ANT1(con1)
setting 39
04-S-5

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 4.92436G | 36.53 | 54.00 | -17.47 | 7.14 | 3 | H | 298 | 2.45 | - |
| PK | 4.92746G | 47.64 | 74.00 | -26.36 | 7.15 | 3 | H | 298 | 2.45 | - |

RE TX above 1GHz;Band:2.4G;HT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:2467MHz;TX

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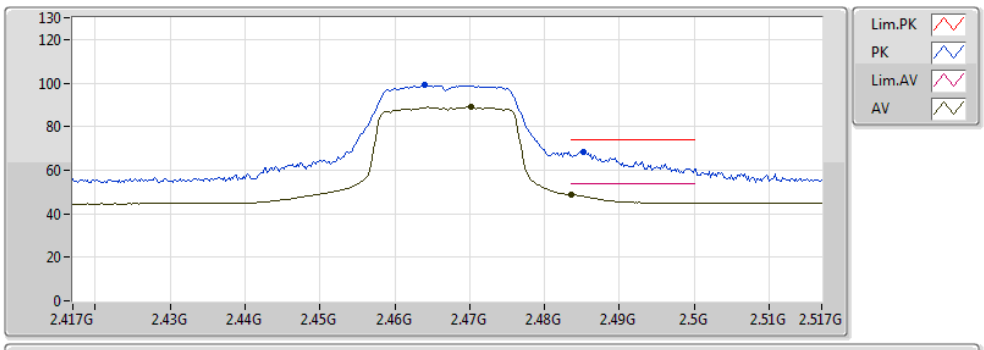
EUT Z_1TX ANT1(con1)
setting 37
04-S-5

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 2.4704G | 92.03 | Inf | -Inf | 32.76 | 3 | H | 179 | 2.67 | - |
| AV | 2.4836G | 50.69 | 54.00 | -3.31 | 32.78 | 3 | H | 179 | 2.67 | - |
| PK | 2.47G | 101.07 | Inf | -Inf | 32.76 | 3 | H | 179 | 2.67 | - |
| PK | 2.4852G | 68.74 | 74.00 | -5.26 | 32.78 | 3 | H | 179 | 2.67 | - |
| AV | 2.4702G | 88.95 | Inf | -Inf | 32.76 | 3 | V | 226 | 2.78 | - |
| AV | 2.4836G | 48.82 | 54.00 | -5.18 | 32.78 | 3 | V | 226 | 2.78 | - |
| PK | 2.464G | 99.39 | Inf | -Inf | 32.75 | 3 | V | 226 | 2.78 | - |
| PK | 2.4852G | 68.54 | 74.00 | -5.46 | 32.78 | 3 | V | 226 | 2.78 | - |
| AV | 4.93646G | 37.92 | 54.00 | -16.08 | 7.17 | 3 | H | 342 | 1.78 | - |
| PK | 4.9389G | 48.50 | 74.00 | -25.50 | 7.18 | 3 | H | 342 | 1.78 | - |
| AV | 4.9375G | 37.62 | 54.00 | -16.38 | 7.18 | 3 | V | 67 | 1.30 | - |
| PK | 4.93884G | 49.38 | 74.00 | -24.62 | 7.18 | 3 | V | 67 | 1.30 | - |

RE TX above 1GHz;Band:2.4G;HT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:2467MHz;TX

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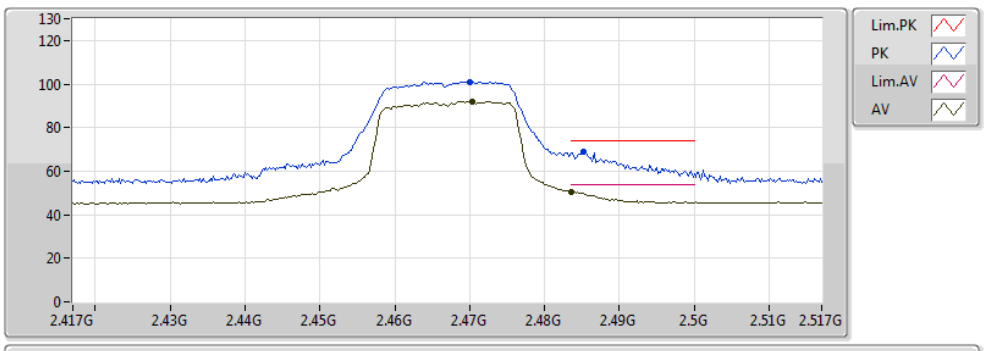
EUT Z_1TX ANT1(con1)
setting 37
04-S-5

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 2.4702G | 88.95 | Inf | -Inf | 32.76 | 3 | V | 226 | 2.78 | - |
| AV | 2.4836G | 48.82 | 54.00 | -5.18 | 32.78 | 3 | V | 226 | 2.78 | - |
| PK | 2.464G | 99.39 | Inf | -Inf | 32.75 | 3 | V | 226 | 2.78 | - |
| PK | 2.4852G | 68.54 | 74.00 | -5.46 | 32.78 | 3 | V | 226 | 2.78 | - |

RE TX above 1GHz;Band:2.4G;HT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:2467MHz;TX

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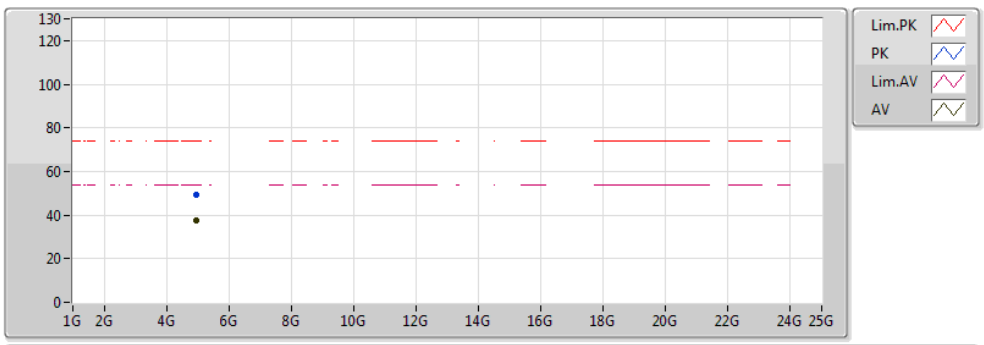
EUT Z_1TX ANT1(con1)
setting 37
04-S-5

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 2.4704G | 92.03 | Inf | -Inf | 32.76 | 3 | H | 179 | 2.67 | - |
| AV | 2.4836G | 50.69 | 54.00 | -3.31 | 32.78 | 3 | H | 179 | 2.67 | - |
| PK | 2.47G | 101.07 | Inf | -Inf | 32.76 | 3 | H | 179 | 2.67 | - |
| PK | 2.4852G | 68.74 | 74.00 | -5.26 | 32.78 | 3 | H | 179 | 2.67 | - |

RE TX above 1GHz;Band:2.4G;HT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:2467MHz;TX

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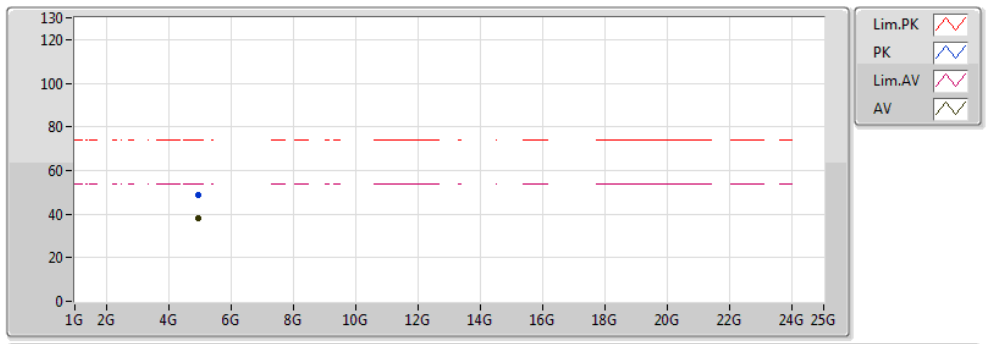
EUT Z_1TX ANT1(con1)
setting 37
04-S-5

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 4.9375G | 37.62 | 54.00 | -16.38 | 7.18 | 3 | V | 67 | 1.30 | - |
| PK | 4.93884G | 49.38 | 74.00 | -24.62 | 7.18 | 3 | V | 67 | 1.30 | - |

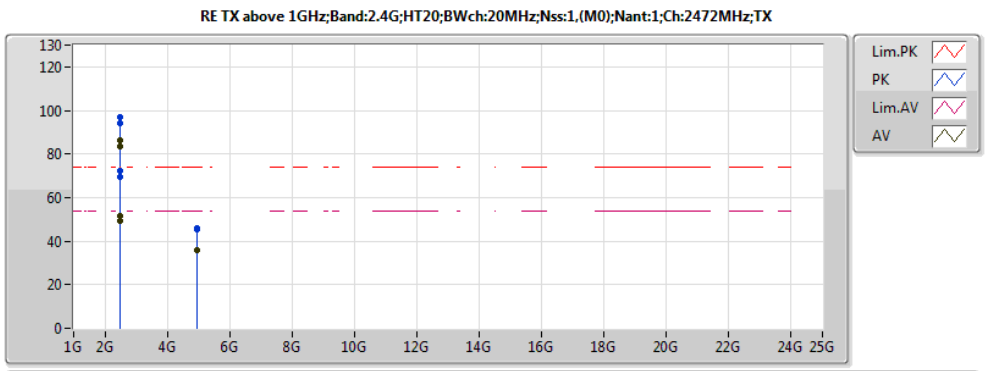
RE TX above 1GHz;Band:2.4G;HT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:2467MHz;TX




20161122
EUT Z_1TX ANT1(con1)
setting 37
04-S-5

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 4.93646G | 37.92 | 54.00 | -16.08 | 7.17 | 3 | H | 342 | 1.78 | - |
| PK | 4.9389G | 48.50 | 74.00 | -25.50 | 7.18 | 3 | H | 342 | 1.78 | - |

RE TX above 1GHz;Band:2.4G;HT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:2472MHz;TX

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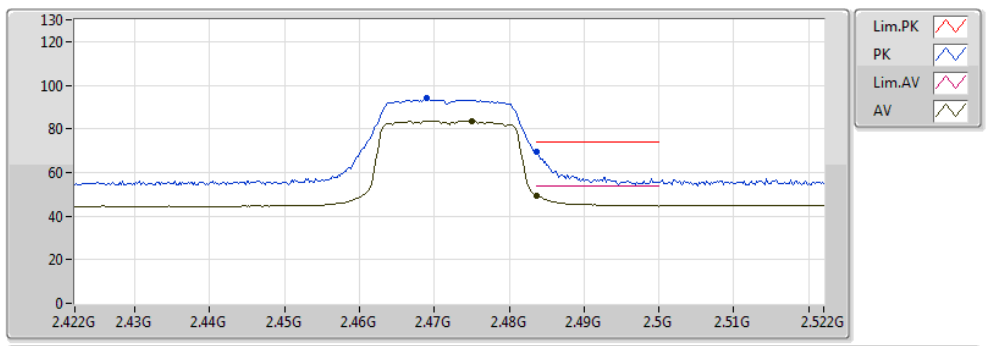
EUT Z_1TX ANT1(con1)
setting 28
04-S-5

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 2.475G | 86.46 | Inf | -Inf | 32.77 | 3 | H | 179 | 2.67 | - |
| AV | 2.4836G | 51.45 | 54.00 | -2.55 | 32.78 | 3 | H | 179 | 2.67 | - |
| PK | 2.469G | 96.71 | Inf | -Inf | 32.76 | 3 | H | 179 | 2.67 | - |
| PK | 2.4836G | 72.04 | 74.00 | -1.96 | 32.78 | 3 | H | 179 | 2.67 | - |
| AV | 2.475G | 83.63 | Inf | -Inf | 32.77 | 3 | V | 223 | 2.88 | - |
| AV | 2.4836G | 49.58 | 54.00 | -4.42 | 32.78 | 3 | V | 223 | 2.88 | - |
| PK | 2.469G | 93.89 | Inf | -Inf | 32.76 | 3 | V | 223 | 2.88 | - |
| PK | 2.4836G | 69.44 | 74.00 | -4.56 | 32.78 | 3 | V | 223 | 2.88 | - |
| AV | 4.94788G | 35.68 | 54.00 | -18.32 | 7.21 | 3 | H | 324 | 1.74 | - |
| PK | 4.94334G | 45.59 | 74.00 | -28.41 | 7.19 | 3 | H | 324 | 1.74 | - |
| AV | 4.93966G | 35.89 | 54.00 | -18.11 | 7.18 | 3 | V | 175 | 2.05 | - |
| PK | 4.9405G | 45.87 | 74.00 | -28.13 | 7.19 | 3 | V | 175 | 2.05 | - |

RE TX above 1GHz;Band:2.4G;HT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:2472MHz;TX

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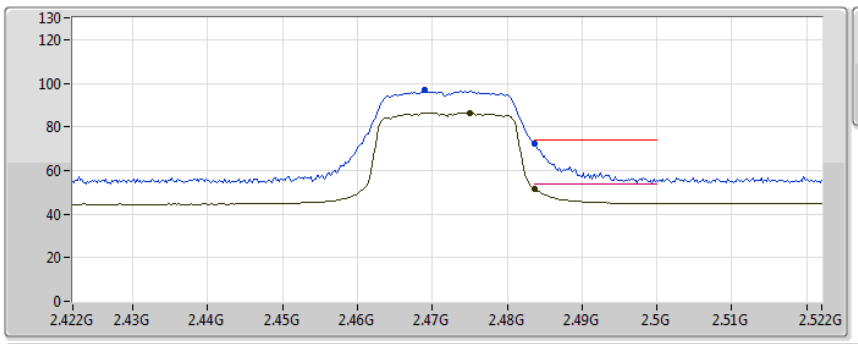
EUT Z_1TX ANT1(con1)
setting 28
04-S-5

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 2.475G | 83.63 | Inf | -Inf | 32.77 | 3 | V | 223 | 2.88 | - |
| AV | 2.4836G | 49.58 | 54.00 | -4.42 | 32.78 | 3 | V | 223 | 2.88 | - |
| PK | 2.469G | 93.89 | Inf | -Inf | 32.76 | 3 | V | 223 | 2.88 | - |
| PK | 2.4836G | 69.44 | 74.00 | -4.56 | 32.78 | 3 | V | 223 | 2.88 | - |

RE TX above 1GHz;Band:2.4G;HT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:2472MHz;TX

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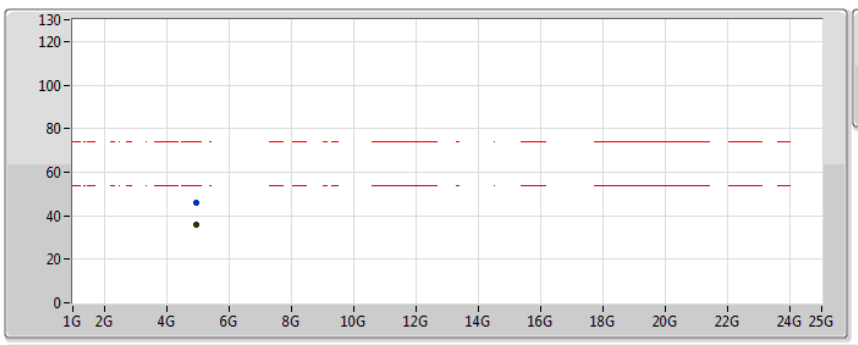
EUT Z_1TX ANT1(con1)
setting 28
04-S-5

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 2.475G | 86.46 | Inf | -Inf | 32.77 | 3 | H | 179 | 2.67 | - |
| AV | 2.4836G | 51.45 | 54.00 | -2.55 | 32.78 | 3 | H | 179 | 2.67 | - |
| PK | 2.469G | 96.71 | Inf | -Inf | 32.76 | 3 | H | 179 | 2.67 | - |
| PK | 2.4836G | 72.04 | 74.00 | -1.96 | 32.78 | 3 | H | 179 | 2.67 | - |

RE TX above 1GHz;Band:2.4G;HT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:2472MHz;TX

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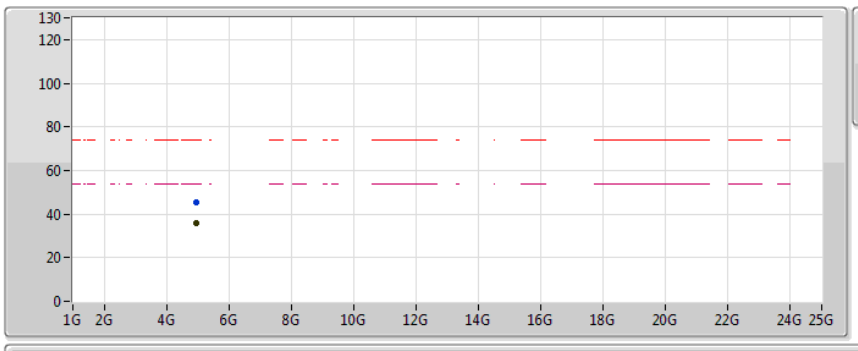
EUT Z_1TX ANT1(con1)
setting 28
04-S-5

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 4.93966G | 35.89 | 54.00 | -18.11 | 7.18 | 3 | V | 175 | 2.05 | - |
| PK | 4.9405G | 45.87 | 74.00 | -28.13 | 7.19 | 3 | V | 175 | 2.05 | - |

RE TX above 1GHz;Band:2.4G;HT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:2472MHz;TX

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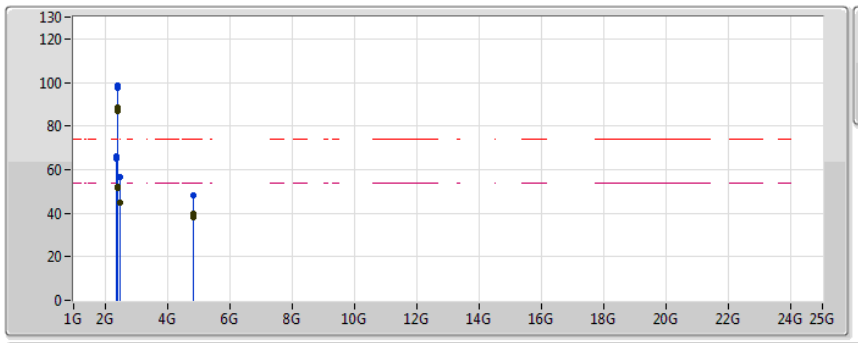
EUT Z_1TX ANT1(con1)
setting 28
04-S-5

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 4.94788G | 35.68 | 54.00 | -18.32 | 7.21 | 3 | H | 324 | 1.74 | - |
| PK | 4.94334G | 45.59 | 74.00 | -28.41 | 7.19 | 3 | H | 324 | 1.74 | - |

RE TX above 1GHz;Band:2.4G;HT40;BWch:40MHz;Nss:1,(M0);Nant:1;Ch:2422MHz;TX

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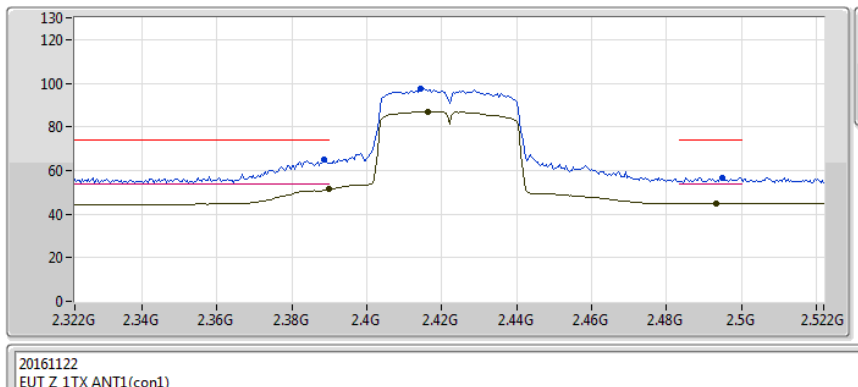
EUT Z_1TX ANT1(con1)
setting 41
04-S-5

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 2.39G | 52.05 | 54.00 | -1.95 | 32.67 | 3 | H | 0 | 2.91 | - |
| AV | 2.4088G | 88.66 | Inf | -Inf | 32.68 | 3 | H | 0 | 2.91 | - |
| AV | 2.4872G | 44.91 | 54.00 | -9.09 | 32.78 | 3 | H | 0 | 2.91 | - |
| PK | 2.3888G | 65.95 | 74.00 | -8.05 | 32.67 | 3 | H | 0 | 2.91 | - |
| PK | 2.4288G | 98.82 | Inf | -Inf | 32.71 | 3 | H | 0 | 2.91 | - |
| PK | 2.4936G | 56.53 | 74.00 | -17.47 | 32.79 | 3 | H | 0 | 2.91 | - |
| AV | 2.39G | 51.36 | 54.00 | -2.64 | 32.67 | 3 | V | 221 | 2.75 | - |
| AV | 2.4164G | 87.09 | Inf | -Inf | 32.69 | 3 | V | 221 | 2.75 | - |
| AV | 2.4932G | 44.84 | 54.00 | -9.16 | 32.79 | 3 | V | 221 | 2.75 | - |
| PK | 2.3884G | 65.21 | 74.00 | -8.79 | 32.67 | 3 | V | 221 | 2.75 | - |
| PK | 2.4144G | 97.54 | Inf | -Inf | 32.69 | 3 | V | 221 | 2.75 | - |
| PK | 2.4948G | 56.86 | 74.00 | -17.14 | 32.79 | 3 | V | 221 | 2.75 | - |
| AV | 4.84742G | 39.86 | 54.00 | -14.14 | 6.90 | 3 | H | 358 | 1.98 | - |
| PK | 4.8428G | 48.42 | 74.00 | -25.58 | 6.88 | 3 | H | 358 | 1.98 | - |
| AV | 4.84528G | 37.95 | 54.00 | -16.05 | 6.89 | 3 | V | 293 | 1.78 | - |
| PK | 4.8488G | 48.07 | 74.00 | -25.93 | 6.90 | 3 | V | 293 | 1.78 | - |

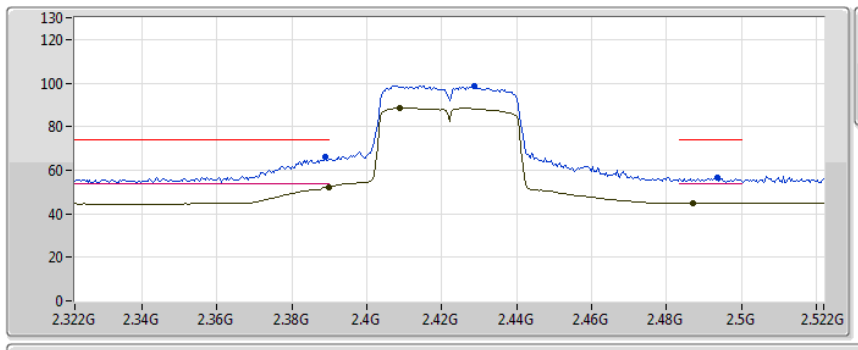
RE TX above 1GHz;Band:2.4G;HT40;BWch:40MHz;Nss:1,(M0);Nant:1;Ch:2422MHz;TX




20161122
EUT Z_1TX ANT1(con1)
setting 41
04-S-5

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 2.39G | 51.36 | 54.00 | -2.64 | 32.67 | 3 | V | 221 | 2.75 | - |
| AV | 2.4164G | 87.09 | Inf | -Inf | 32.69 | 3 | V | 221 | 2.75 | - |
| AV | 2.4932G | 44.84 | 54.00 | -9.16 | 32.79 | 3 | V | 221 | 2.75 | - |
| PK | 2.3884G | 65.21 | 74.00 | -8.79 | 32.67 | 3 | V | 221 | 2.75 | - |
| PK | 2.4144G | 97.54 | Inf | -Inf | 32.69 | 3 | V | 221 | 2.75 | - |
| PK | 2.4948G | 56.86 | 74.00 | -17.14 | 32.79 | 3 | V | 221 | 2.75 | - |

RE TX above 1GHz;Band:2.4G;HT40;BWch:40MHz;Nss:1,(M0);Nant:1;Ch:2422MHz;TX

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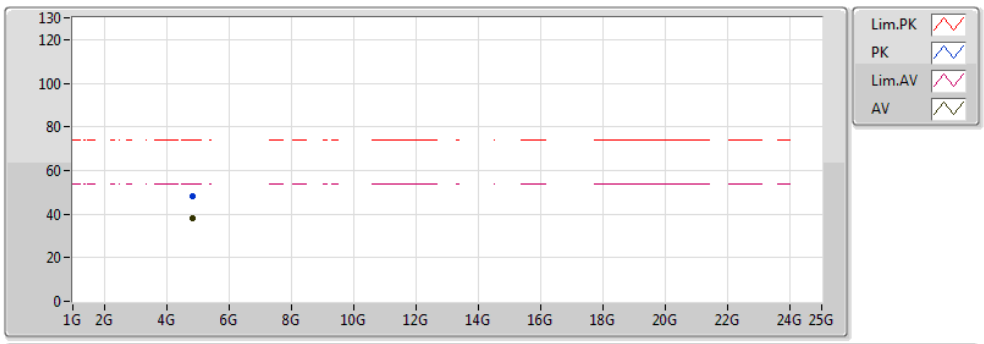
EUT Z_1TX ANT1(con1)
setting 41
04-S-5

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 2.39G | 52.05 | 54.00 | -1.95 | 32.67 | 3 | H | 0 | 2.91 | - |
| AV | 2.4088G | 88.66 | Inf | -Inf | 32.68 | 3 | H | 0 | 2.91 | - |
| AV | 2.4872G | 44.91 | 54.00 | -9.09 | 32.78 | 3 | H | 0 | 2.91 | - |
| PK | 2.3888G | 65.95 | 74.00 | -8.05 | 32.67 | 3 | H | 0 | 2.91 | - |
| PK | 2.4288G | 98.82 | Inf | -Inf | 32.71 | 3 | H | 0 | 2.91 | - |
| PK | 2.4936G | 56.53 | 74.00 | -17.47 | 32.79 | 3 | H | 0 | 2.91 | - |

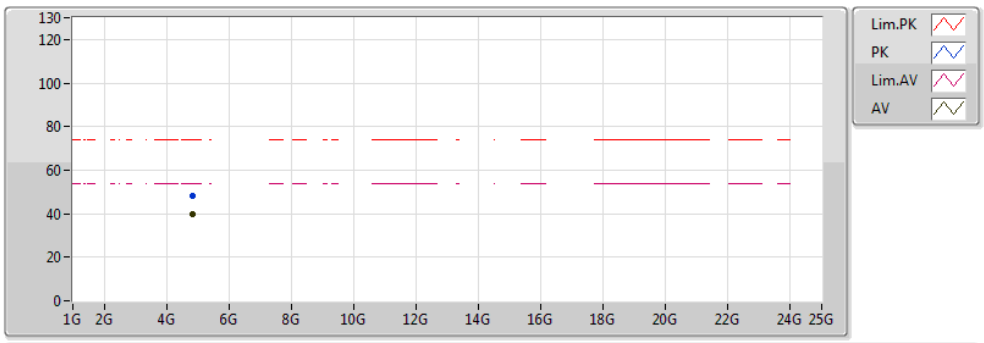
RE TX above 1GHz;Band:2.4G;HT40;BWch:40MHz;Nss:1,(M0);Nant:1;Ch:2422MHz;TX




20161122
EUT Z_1TX ANT1(con1)
setting 41
04-S-5

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 4.84528G | 37.95 | 54.00 | -16.05 | 6.89 | 3 | V | 293 | 1.78 | - |
| PK | 4.8488G | 48.07 | 74.00 | -25.93 | 6.90 | 3 | V | 293 | 1.78 | - |

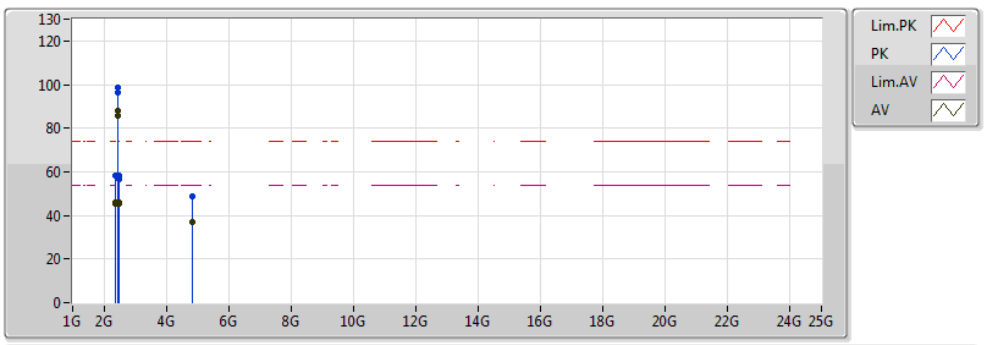
RE TX above 1GHz;Band:2.4G;HT40;BWch:40MHz;Nss:1,(M0);Nant:1;Ch:2422MHz;TX




20161122
EUT Z_1TX ANT1(con1)
setting 41
04-S-5

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 4.84742G | 39.86 | 54.00 | -14.14 | 6.90 | 3 | H | 358 | 1.98 | - |
| PK | 4.8428G | 48.42 | 74.00 | -25.58 | 6.88 | 3 | H | 358 | 1.98 | - |

RE TX above 1GHz;Band:2.4G;HT40;BWch:40MHz;Nss:1,(M0);Nant:1;Ch:2437MHz;TX

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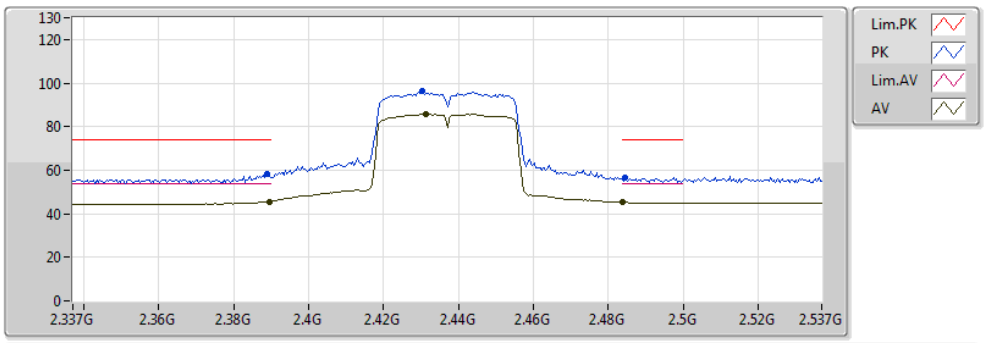
EUT Z_1TX ANT1(con1)
setting 40
04-S-5

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 2.3898G | 45.80 | 54.00 | -8.20 | 32.67 | 3 | H | 170 | 2.73 | - |
| AV | 2.4314G | 87.91 | Inf | -Inf | 32.71 | 3 | H | 170 | 2.73 | - |
| AV | 2.4838G | 45.88 | 54.00 | -8.12 | 32.78 | 3 | H | 170 | 2.73 | - |
| PK | 2.387G | 58.43 | 74.00 | -15.57 | 32.67 | 3 | H | 170 | 2.73 | - |
| PK | 2.4302G | 98.52 | Inf | -Inf | 32.71 | 3 | H | 170 | 2.73 | - |
| PK | 2.485G | 58.13 | 74.00 | -15.87 | 32.78 | 3 | H | 170 | 2.73 | - |
| AV | 2.3894G | 45.62 | 54.00 | -8.38 | 32.67 | 3 | V | 252 | 2.97 | - |
| AV | 2.4314G | 85.64 | Inf | -Inf | 32.71 | 3 | V | 252 | 2.97 | - |
| AV | 2.4838G | 45.19 | 54.00 | -8.81 | 32.78 | 3 | V | 252 | 2.97 | - |
| PK | 2.389G | 58.05 | 74.00 | -15.95 | 32.67 | 3 | V | 252 | 2.97 | - |
| PK | 2.4302G | 96.17 | Inf | -Inf | 32.71 | 3 | V | 252 | 2.97 | - |
| PK | 2.4846G | 56.63 | 74.00 | -17.37 | 32.78 | 3 | V | 252 | 2.97 | - |
| AV | 4.84448G | 36.99 | 54.00 | -17.01 | 6.89 | 3 | H | 44 | 2.14 | - |
| PK | 4.84012G | 48.87 | 74.00 | -25.13 | 6.87 | 3 | H | 44 | 2.14 | - |
| AV | 4.84886G | 36.72 | 54.00 | -17.28 | 6.90 | 3 | V | 105 | 2.17 | - |
| PK | 4.84422G | 48.50 | 74.00 | -25.50 | 6.89 | 3 | V | 105 | 2.17 | - |

RE TX above 1GHz;Band:2.4G;HT40;BWch:40MHz;Nss:1,(M0);Nant:1;Ch:2437MHz;TX

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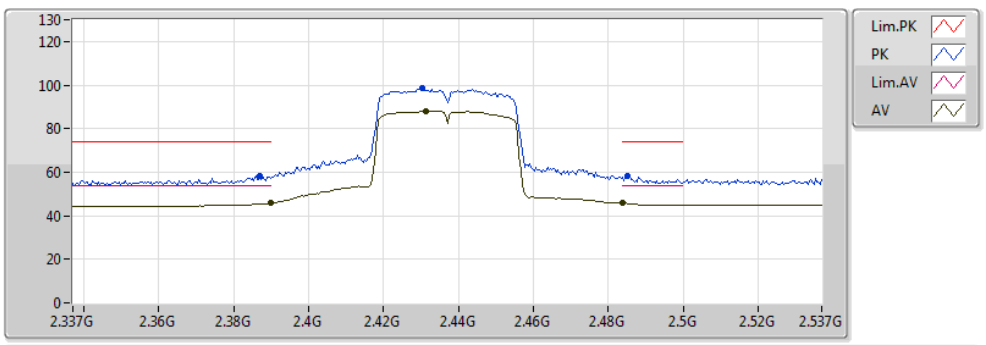
EUT Z_1TX ANT1(con1)
setting 40
04-S-5

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 2.3894G | 45.62 | 54.00 | -8.38 | 32.67 | 3 | V | 252 | 2.97 | - |
| AV | 2.4314G | 85.64 | Inf | -Inf | 32.71 | 3 | V | 252 | 2.97 | - |
| AV | 2.4838G | 45.19 | 54.00 | -8.81 | 32.78 | 3 | V | 252 | 2.97 | - |
| PK | 2.389G | 58.05 | 74.00 | -15.95 | 32.67 | 3 | V | 252 | 2.97 | - |
| PK | 2.4302G | 96.17 | Inf | -Inf | 32.71 | 3 | V | 252 | 2.97 | - |
| PK | 2.4846G | 56.63 | 74.00 | -17.37 | 32.78 | 3 | V | 252 | 2.97 | - |

RE TX above 1GHz;Band:2.4G;HT40;BWch:40MHz;Nss:1,(M0);Nant:1;Ch:2437MHz;TX

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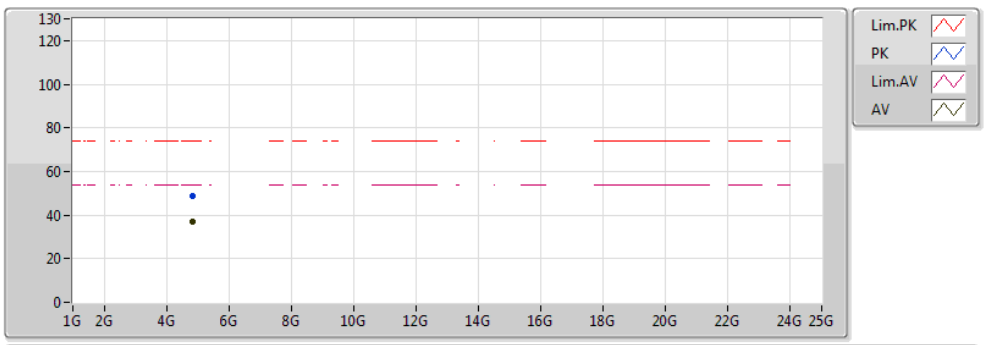
EUT Z_1TX ANT1(con1)
setting 40
04-S-5

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 2.3898G | 45.80 | 54.00 | -8.20 | 32.67 | 3 | H | 170 | 2.73 | - |
| AV | 2.4314G | 87.91 | Inf | -Inf | 32.71 | 3 | H | 170 | 2.73 | - |
| AV | 2.4838G | 45.88 | 54.00 | -8.12 | 32.78 | 3 | H | 170 | 2.73 | - |
| PK | 2.387G | 58.43 | 74.00 | -15.57 | 32.67 | 3 | H | 170 | 2.73 | - |
| PK | 2.4302G | 98.52 | Inf | -Inf | 32.71 | 3 | H | 170 | 2.73 | - |
| PK | 2.485G | 58.13 | 74.00 | -15.87 | 32.78 | 3 | H | 170 | 2.73 | - |

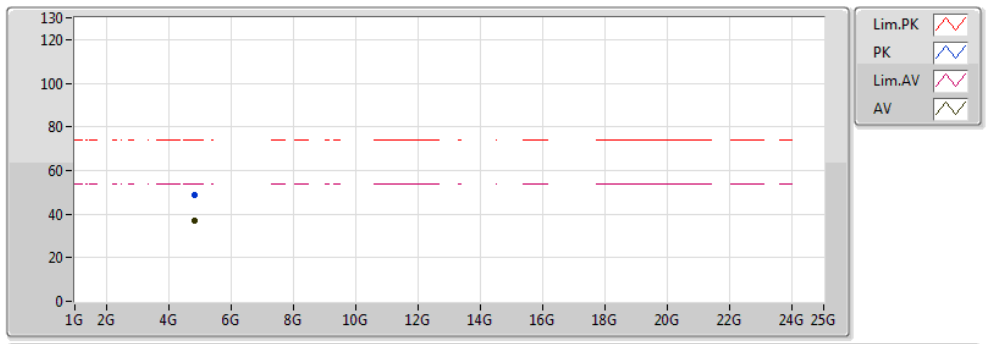
RE TX above 1GHz;Band:2.4G;HT40;BWch:40MHz;Nss:1,(M0);Nant:1;Ch:2437MHz;TX




20161122
EUT Z_1TX ANT1(con1)
setting 40
04-S-5

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 4.84886G | 36.72 | 54.00 | -17.28 | 6.90 | 3 | V | 105 | 2.17 | - |
| PK | 4.84422G | 48.50 | 74.00 | -25.50 | 6.89 | 3 | V | 105 | 2.17 | - |

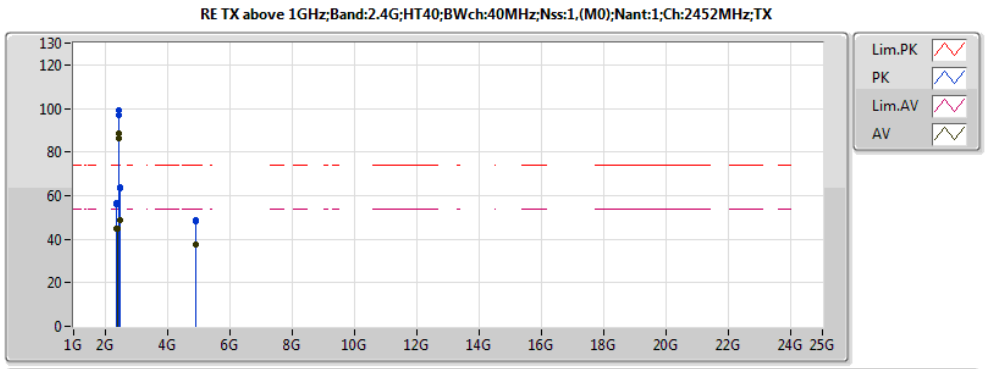
RE TX above 1GHz;Band:2.4G;HT40;BWch:40MHz;Nss:1,(M0);Nant:1;Ch:2437MHz;TX




20161122
EUT Z_1TX ANT1(con1)
setting 40
04-S-5

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 4.84448G | 36.99 | 54.00 | -17.01 | 6.89 | 3 | H | 44 | 2.14 | - |
| PK | 4.84012G | 48.87 | 74.00 | -25.13 | 6.87 | 3 | H | 44 | 2.14 | - |

RE TX above 1GHz;Band:2.4G;HT40;BWch:40MHz;Nss:1,(M0);Nant:1;Ch:2452MHz;TX

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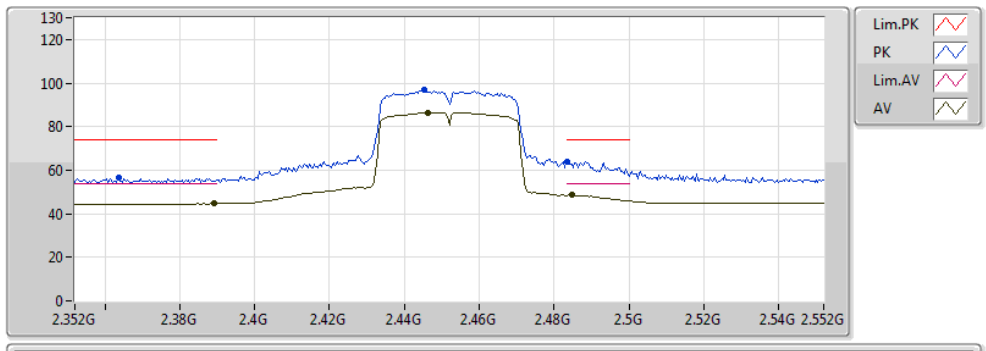
EUT Z_1TX ANT1(con1)
setting 40
04-S-5

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 2.39G | 44.70 | 54.00 | -9.30 | 32.67 | 3 | H | 183 | 2.97 | - |
| AV | 2.4548G | 88.78 | Inf | -Inf | 32.74 | 3 | H | 183 | 2.97 | - |
| AV | 2.4844G | 48.50 | 54.00 | -5.50 | 32.78 | 3 | H | 183 | 2.97 | - |
| PK | 2.3836G | 56.14 | 74.00 | -17.86 | 32.67 | 3 | H | 183 | 2.97 | - |
| PK | 2.4588G | 99.26 | Inf | -Inf | 32.75 | 3 | H | 183 | 2.97 | - |
| PK | 2.4884G | 63.34 | 74.00 | -10.66 | 32.78 | 3 | H | 183 | 2.97 | - |
| AV | 2.3892G | 44.66 | 54.00 | -9.34 | 32.67 | 3 | V | 229 | 2.95 | - |
| AV | 2.4464G | 86.41 | Inf | -Inf | 32.73 | 3 | V | 229 | 2.95 | - |
| AV | 2.4848G | 48.58 | 54.00 | -5.42 | 32.78 | 3 | V | 229 | 2.95 | - |
| PK | 2.3636G | 56.38 | 74.00 | -17.62 | 32.66 | 3 | V | 229 | 2.95 | - |
| PK | 2.4452G | 97.09 | Inf | -Inf | 32.73 | 3 | V | 229 | 2.95 | - |
| PK | 2.4836G | 63.87 | 74.00 | -10.13 | 32.78 | 3 | V | 229 | 2.95 | - |
| AV | 4.90774G | 37.41 | 54.00 | -16.59 | 7.08 | 3 | H | 123 | 1.64 | - |
| PK | 4.90414G | 48.82 | 74.00 | -25.18 | 7.07 | 3 | H | 123 | 1.64 | - |
| AV | 4.90244G | 37.39 | 54.00 | -16.61 | 7.07 | 3 | V | 106 | 2.44 | - |
| PK | 4.90276G | 48.32 | 74.00 | -25.68 | 7.07 | 3 | V | 106 | 2.44 | - |

RE TX above 1GHz;Band:2.4G;HT40;BWch:40MHz;Nss:1,(M0);Nant:1;Ch:2452MHz;TX

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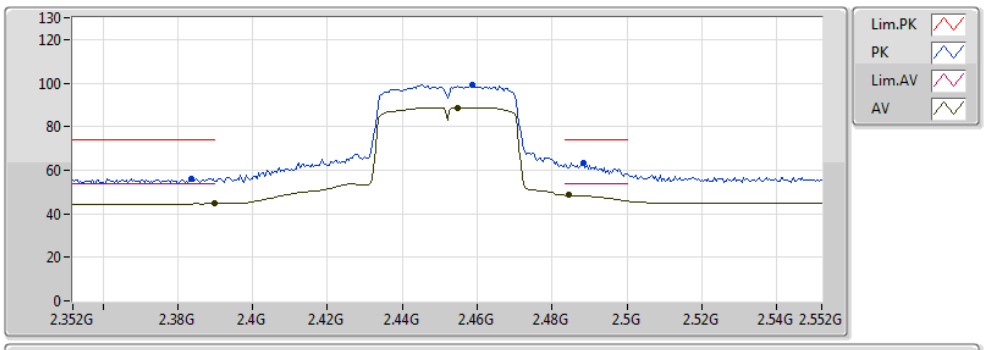
EUT Z_1TX ANT1(con1)
setting 40
04-S-5

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 2.3892G | 44.66 | 54.00 | -9.34 | 32.67 | 3 | V | 229 | 2.95 | - |
| AV | 2.4464G | 86.41 | Inf | -Inf | 32.73 | 3 | V | 229 | 2.95 | - |
| AV | 2.4848G | 48.58 | 54.00 | -5.42 | 32.78 | 3 | V | 229 | 2.95 | - |
| PK | 2.3636G | 56.38 | 74.00 | -17.62 | 32.66 | 3 | V | 229 | 2.95 | - |
| PK | 2.4452G | 97.09 | Inf | -Inf | 32.73 | 3 | V | 229 | 2.95 | - |
| PK | 2.4836G | 63.87 | 74.00 | -10.13 | 32.78 | 3 | V | 229 | 2.95 | - |

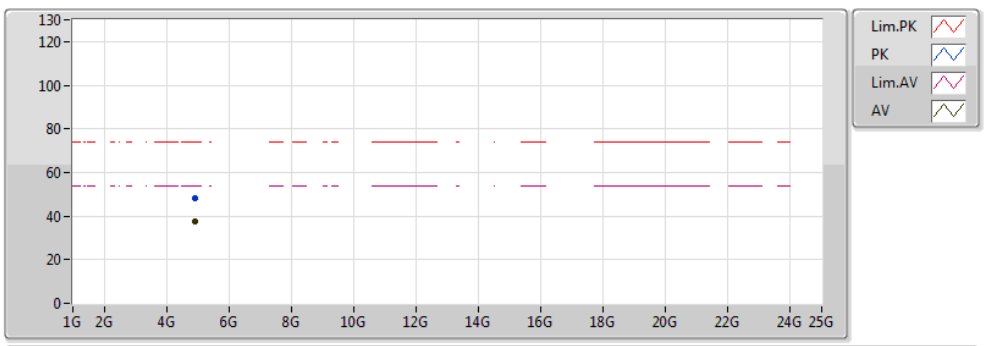
RE TX above 1GHz;Band:2.4G;HT40;BWch:40MHz;Nss:1,(M0);Nant:1;Ch:2452MHz;TX




20161122
EUT Z_1TX ANT1(con1)
setting 40
04-S-5

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 2.39G | 44.70 | 54.00 | -9.30 | 32.67 | 3 | H | 183 | 2.97 | - |
| AV | 2.4548G | 88.78 | Inf | -Inf | 32.74 | 3 | H | 183 | 2.97 | - |
| AV | 2.4844G | 48.50 | 54.00 | -5.50 | 32.78 | 3 | H | 183 | 2.97 | - |
| PK | 2.3836G | 56.14 | 74.00 | -17.86 | 32.67 | 3 | H | 183 | 2.97 | - |
| PK | 2.4588G | 99.26 | Inf | -Inf | 32.75 | 3 | H | 183 | 2.97 | - |
| PK | 2.4884G | 63.34 | 74.00 | -10.66 | 32.78 | 3 | H | 183 | 2.97 | - |

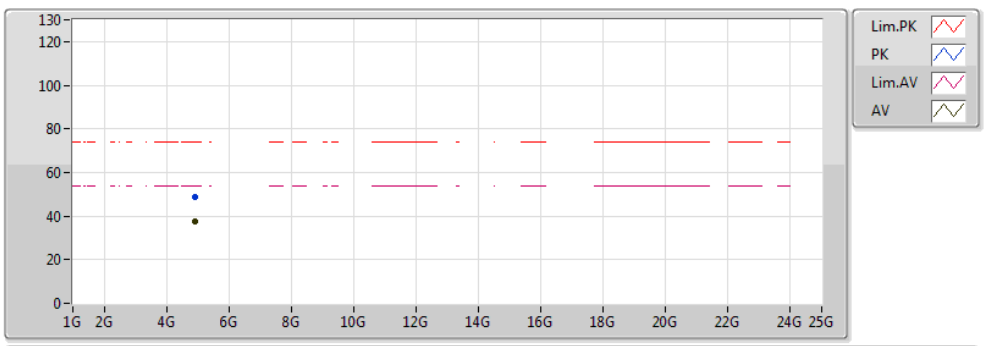
RE TX above 1GHz;Band:2.4G;HT40;BWch:40MHz;Nss:1,(M0);Nant:1;Ch:2452MHz;TX




20161122
EUT Z_1TX ANT1(con1)
setting 40
04-S-5

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 4.90244G | 37.39 | 54.00 | -16.61 | 7.07 | 3 | V | 106 | 2.44 | - |
| PK | 4.90276G | 48.32 | 74.00 | -25.68 | 7.07 | 3 | V | 106 | 2.44 | - |

RE TX above 1GHz;Band:2.4G;HT40;BWch:40MHz;Nss:1,(M0);Nant:1;Ch:2452MHz;TX

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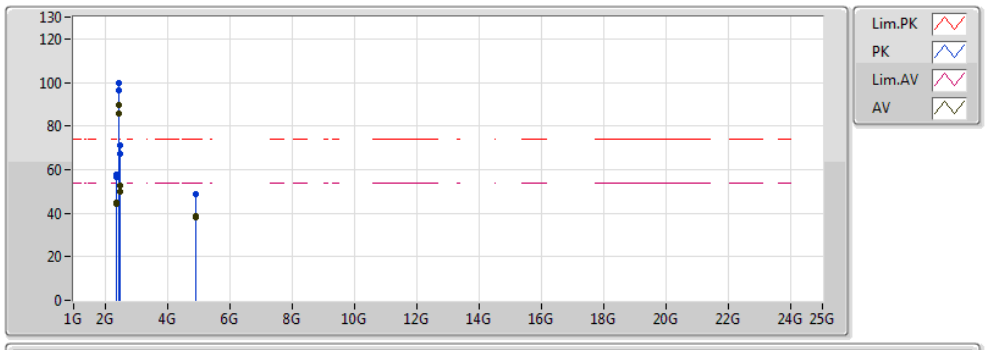
EUT Z_1TX ANT1(con1)
setting 40
04-S-5

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 4.90774G | 37.41 | 54.00 | -16.59 | 7.08 | 3 | H | 123 | 1.64 | - |
| PK | 4.90414G | 48.82 | 74.00 | -25.18 | 7.07 | 3 | H | 123 | 1.64 | - |

RE TX above 1GHz;Band:2.4G;HT40;BWch:40MHz;Nss:1,(M0);Nant:1;Ch:2457MHz;TX

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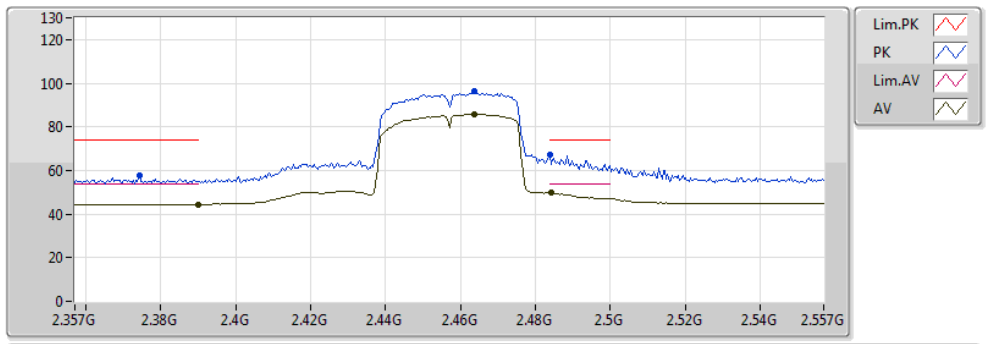
EUT Z_1TX ANT1(con1)
setting 38
04-S-5

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 2.3898G | 44.59 | 54.00 | -9.41 | 32.67 | 3 | H | 346 | 2.60 | - |
| AV | 2.4602G | 89.68 | Inf | -Inf | 32.75 | 3 | H | 346 | 2.60 | - |
| AV | 2.4842G | 52.49 | 54.00 | -1.51 | 32.78 | 3 | H | 346 | 2.60 | - |
| PK | 2.3574G | 56.52 | 74.00 | -17.48 | 32.66 | 3 | H | 346 | 2.60 | - |
| PK | 2.4638G | 100.00 | Inf | -Inf | 32.75 | 3 | H | 346 | 2.60 | - |
| PK | 2.4838G | 71.23 | 74.00 | -2.77 | 32.78 | 3 | H | 346 | 2.60 | - |
| AV | 2.3898G | 44.53 | 54.00 | -9.47 | 32.67 | 3 | V | 222 | 2.65 | - |
| AV | 2.4638G | 85.68 | Inf | -Inf | 32.75 | 3 | V | 222 | 2.65 | - |
| AV | 2.4842G | 49.61 | 54.00 | -4.39 | 32.78 | 3 | V | 222 | 2.65 | - |
| PK | 2.3742G | 57.54 | 74.00 | -16.46 | 32.66 | 3 | V | 222 | 2.65 | - |
| PK | 2.4638G | 96.40 | Inf | -Inf | 32.75 | 3 | V | 222 | 2.65 | - |
| PK | 2.4838G | 67.11 | 74.00 | -6.89 | 32.78 | 3 | V | 222 | 2.65 | - |
| AV | 4.91876G | 38.48 | 54.00 | -15.52 | 7.12 | 3 | H | 47 | 2.06 | - |
| PK | 4.91822G | 48.71 | 74.00 | -25.29 | 7.12 | 3 | H | 47 | 2.06 | - |
| AV | 4.918G | 37.85 | 54.00 | -16.15 | 7.12 | 3 | V | 57 | 1.19 | - |
| PK | 4.91484G | 48.59 | 74.00 | -25.41 | 7.11 | 3 | V | 57 | 1.19 | - |

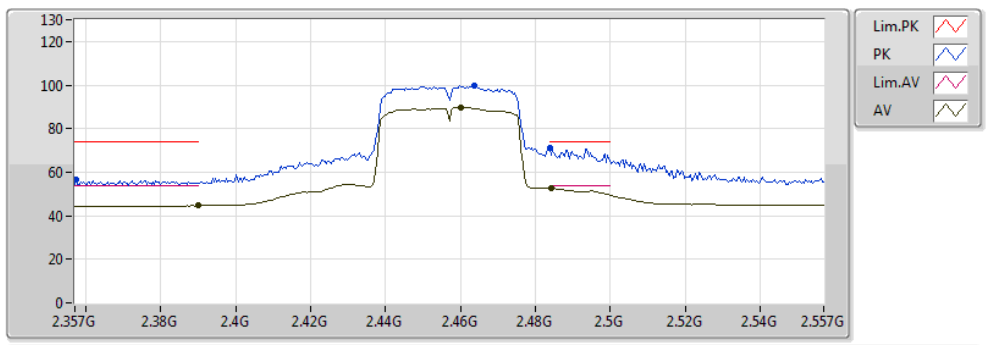
RE TX above 1GHz;Band:2.4G;HT40;BWch:40MHz;Nss:1,(M0);Nant:1;Ch:2457MHz;TX




20161122
EUT Z_1TX ANT1(con1)
setting 38
04-S-5

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 2.3898G | 44.53 | 54.00 | -9.47 | 32.67 | 3 | V | 222 | 2.65 | - |
| AV | 2.4638G | 85.68 | Inf | -Inf | 32.75 | 3 | V | 222 | 2.65 | - |
| AV | 2.4842G | 49.61 | 54.00 | -4.39 | 32.78 | 3 | V | 222 | 2.65 | - |
| PK | 2.3742G | 57.54 | 74.00 | -16.46 | 32.66 | 3 | V | 222 | 2.65 | - |
| PK | 2.4638G | 96.40 | Inf | -Inf | 32.75 | 3 | V | 222 | 2.65 | - |
| PK | 2.4838G | 67.11 | 74.00 | -6.89 | 32.78 | 3 | V | 222 | 2.65 | - |

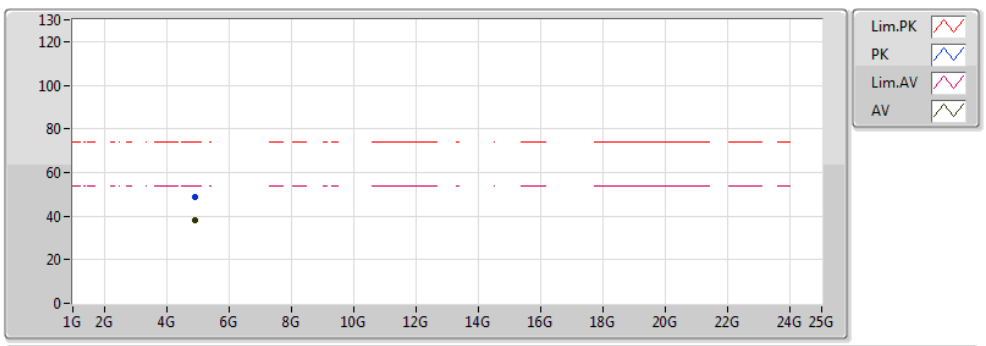
RE TX above 1GHz;Band:2.4G;HT40;BWch:40MHz;Nss:1,(M0);Nant:1;Ch:2457MHz;TX




20161122
EUT Z_1TX ANT1(con1)
setting 38
04-S-5

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 2.3898G | 44.59 | 54.00 | -9.41 | 32.67 | 3 | H | 346 | 2.60 | - |
| AV | 2.4602G | 89.68 | Inf | -Inf | 32.75 | 3 | H | 346 | 2.60 | - |
| AV | 2.4842G | 52.49 | 54.00 | -1.51 | 32.78 | 3 | H | 346 | 2.60 | - |
| PK | 2.3574G | 56.52 | 74.00 | -17.48 | 32.66 | 3 | H | 346 | 2.60 | - |
| PK | 2.4638G | 100.00 | Inf | -Inf | 32.75 | 3 | H | 346 | 2.60 | - |
| PK | 2.4838G | 71.23 | 74.00 | -2.77 | 32.78 | 3 | H | 346 | 2.60 | - |

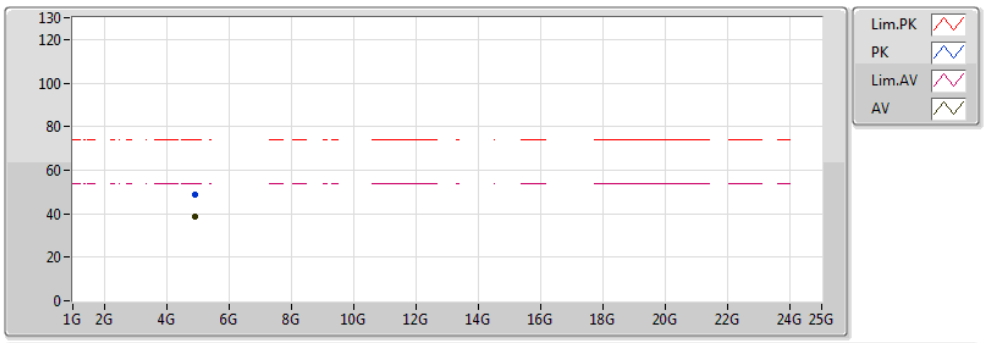
RE TX above 1GHz;Band:2.4G;HT40;BWch:40MHz;Nss:1,(M0);Nant:1;Ch:2457MHz;TX




20161122
EUT Z_1TX ANT1(con1)
setting 38
04-S-5

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 4.918G | 37.85 | 54.00 | -16.15 | 7.12 | 3 | V | 57 | 1.19 | - |
| PK | 4.91484G | 48.59 | 74.00 | -25.41 | 7.11 | 3 | V | 57 | 1.19 | - |

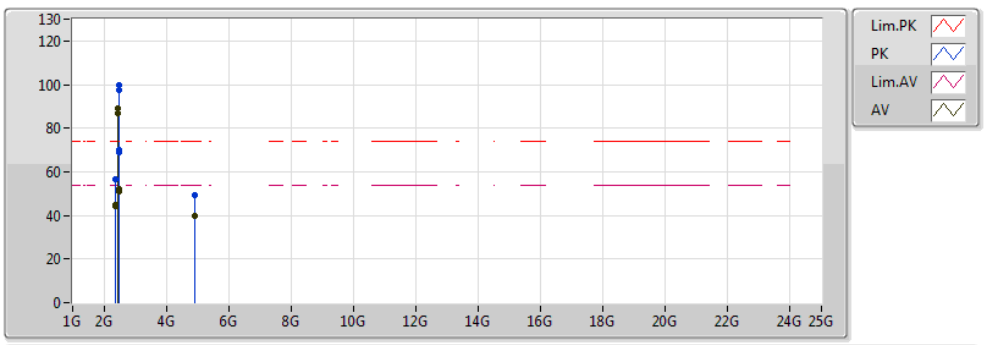
RE TX above 1GHz;Band:2.4G;HT40;BWch:40MHz;Nss:1,(M0);Nant:1;Ch:2457MHz;TX




20161122
EUT Z_1TX ANT1(con1)
setting 38
04-S-5

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 4.91876G | 38.48 | 54.00 | -15.52 | 7.12 | 3 | H | 47 | 2.06 | - |
| PK | 4.91822G | 48.71 | 74.00 | -25.29 | 7.12 | 3 | H | 47 | 2.06 | - |

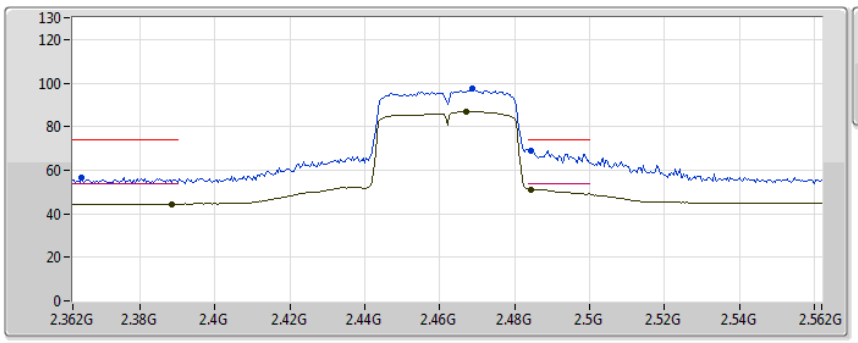
RE TX above 1GHz;Band:2.4G;HT40;BWch:40MHz;Nss:1,(M0);Nant:1;Ch:2462MHz;TX




20161122
EUT Z_1TX ANT1(con1)
setting 36
04-S-5

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 2.388G | 44.55 | 54.00 | -9.45 | 32.67 | 3 | H | 179 | 2.97 | - |
| AV | 2.4636G | 89.37 | Inf | -Inf | 32.75 | 3 | H | 179 | 2.97 | - |
| AV | 2.488G | 52.05 | 54.00 | -1.95 | 32.78 | 3 | H | 179 | 2.97 | - |
| PK | 2.372G | 56.80 | 74.00 | -17.20 | 32.66 | 3 | H | 179 | 2.97 | - |
| PK | 2.4688G | 99.68 | Inf | -Inf | 32.76 | 3 | H | 179 | 2.97 | - |
| PK | 2.484G | 70.14 | 74.00 | -3.86 | 32.78 | 3 | H | 179 | 2.97 | - |
| AV | 2.3884G | 44.50 | 54.00 | -9.50 | 32.67 | 3 | V | 223 | 2.89 | - |
| AV | 2.4672G | 86.78 | Inf | -Inf | 32.76 | 3 | V | 223 | 2.89 | - |
| AV | 2.4844G | 51.23 | 54.00 | -2.77 | 32.78 | 3 | V | 223 | 2.89 | - |
| PK | 2.3644G | 56.47 | 74.00 | -17.53 | 32.66 | 3 | V | 223 | 2.89 | - |
| PK | 2.4688G | 97.45 | Inf | -Inf | 32.76 | 3 | V | 223 | 2.89 | - |
| PK | 2.4844G | 69.11 | 74.00 | -4.89 | 32.78 | 3 | V | 223 | 2.89 | - |
| AV | 4.92866G | 39.86 | 54.00 | -14.14 | 7.15 | 3 | H | 32 | 2.17 | - |
| PK | 4.9195G | 49.04 | 74.00 | -24.96 | 7.12 | 3 | H | 32 | 2.17 | - |
| AV | 4.92792G | 39.56 | 54.00 | -14.44 | 7.15 | 3 | V | 339 | 1.50 | - |
| PK | 4.9239G | 49.39 | 74.00 | -24.61 | 7.13 | 3 | V | 339 | 1.50 | - |

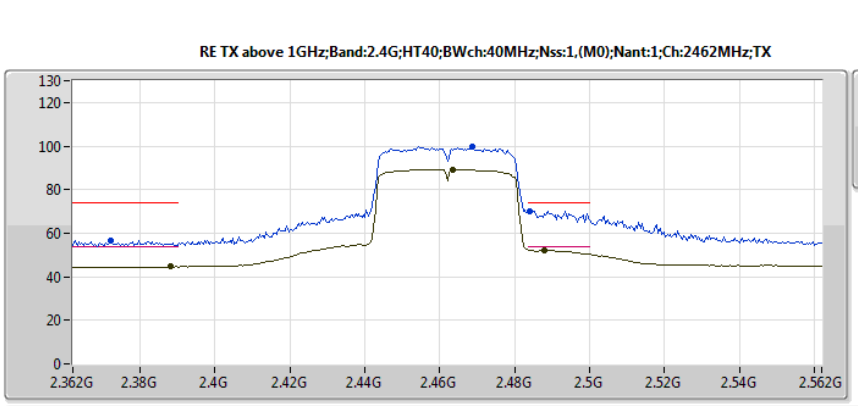
RE TX above 1GHz;Band:2.4G;HT40;BWch:40MHz;Nss:1,(M0);Nant:1;Ch:2462MHz;TX




20161122
EUT Z_1TX ANT1(con1)
setting 36
04-S-5

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 2.3884G | 44.50 | 54.00 | -9.50 | 32.67 | 3 | V | 223 | 2.89 | - |
| AV | 2.4672G | 86.78 | Inf | -Inf | 32.76 | 3 | V | 223 | 2.89 | - |
| AV | 2.4844G | 51.23 | 54.00 | -2.77 | 32.78 | 3 | V | 223 | 2.89 | - |
| PK | 2.3644G | 56.47 | 74.00 | -17.53 | 32.66 | 3 | V | 223 | 2.89 | - |
| PK | 2.4688G | 97.45 | Inf | -Inf | 32.76 | 3 | V | 223 | 2.89 | - |
| PK | 2.4844G | 69.11 | 74.00 | -4.89 | 32.78 | 3 | V | 223 | 2.89 | - |

RE TX above 1GHz;Band:2.4G;HT40;BWch:40MHz;Nss:1,(M0);Nant:1;Ch:2462MHz;TX




20161122
EUT Z_1TX ANT1(con1)
setting 36
04-S-5

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 4.92866G | 39.86 | 54.00 | -14.14 | 7.15 | 3 | H | 32 | 2.17 | - |
| PK | 4.9195G | 49.04 | 74.00 | -24.96 | 7.12 | 3 | H | 32 | 2.17 | - |

RE TX above 1GHz;Band:2.4G;HT40;BWch:40MHz;Nss:1,(M0);Nant:1;Ch:2462MHz;TX

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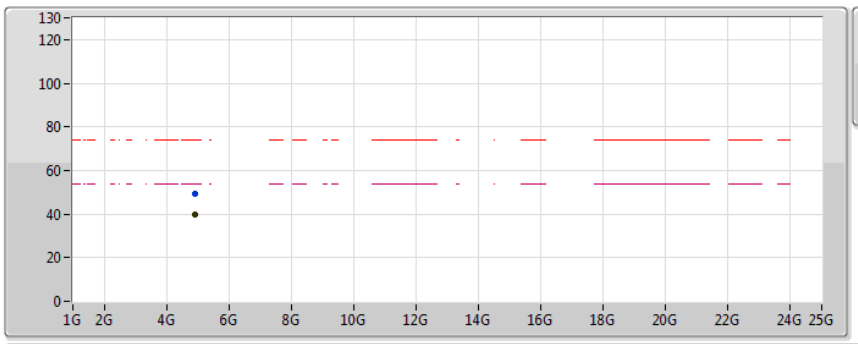
EUT Z_1TX ANT1(con1)
setting 36
04-S-5

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 2.388G | 44.55 | 54.00 | -9.45 | 32.67 | 3 | H | 179 | 2.97 | - |
| AV | 2.4636G | 89.37 | Inf | -Inf | 32.75 | 3 | H | 179 | 2.97 | - |
| AV | 2.488G | 52.05 | 54.00 | -1.95 | 32.78 | 3 | H | 179 | 2.97 | - |
| PK | 2.372G | 56.80 | 74.00 | -17.20 | 32.66 | 3 | H | 179 | 2.97 | - |
| PK | 2.4688G | 99.68 | Inf | -Inf | 32.76 | 3 | H | 179 | 2.97 | - |
| PK | 2.484G | 70.14 | 74.00 | -3.86 | 32.78 | 3 | H | 179 | 2.97 | - |

RE TX above 1GHz;Band:2.4G;HT40;BWch:40MHz;Nss:1,(M0);Nant:1;Ch:2462MHz;TX



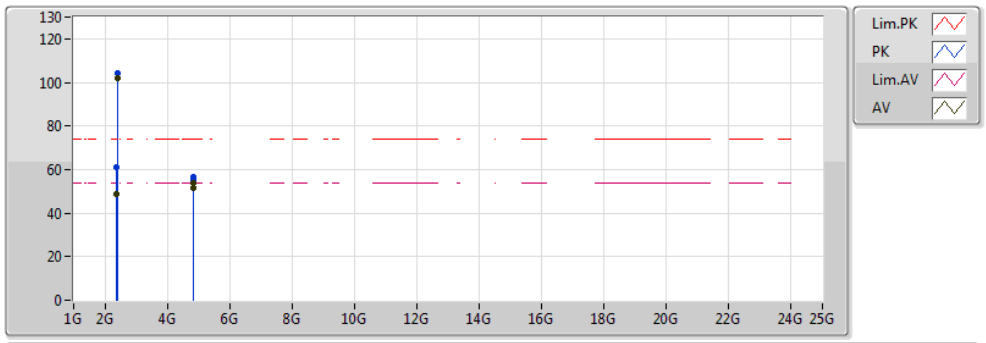

20161122
EUT Z_1TX ANT1(con1)
setting 36
04-S-5

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 4.92792G | 39.56 | 54.00 | -14.44 | 7.15 | 3 | V | 339 | 1.50 | - |
| PK | 4.9239G | 49.39 | 74.00 | -24.61 | 7.13 | 3 | V | 339 | 1.50 | - |

## Summary

| Mode | Result | Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Pol. (H/V) | Azimuth (°) | Height (m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2.4G;11b;Nss1;Ntx1;2412 | Pass | AV | 4.824G | 53.98 | 54.00 | -0.02 | 6.82 | 3 | H | 162 | 1.05 | - |

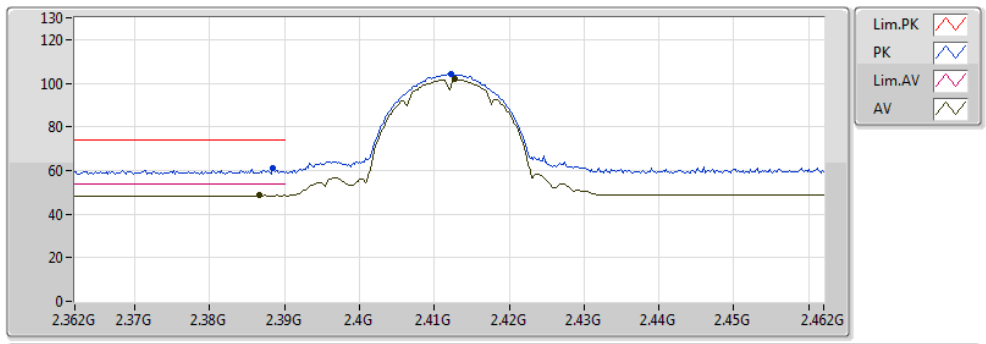
RE TX above 1GHz;Band:2.4G;11b;BWch:20MHz;Nss:1;Nant:1;Ch:2412MHz;TX




20161123
EUT Z_1TX(con1)_Dipole
Setting 37
05-M-1

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 2.3866G | 48.72 | 54.00 | -5.28 | 32.00 | 3 | V | 170 | 1.07 | - |
| AV | 2.4128G | 101.79 | Inf | -Inf | 32.09 | 3 | V | 170 | 1.07 | - |
| PK | 2.3884G | 60.90 | 74.00 | -13.10 | 32.01 | 3 | V | 170 | 1.07 | - |
| PK | 2.4122G | 104.00 | Inf | -Inf | 32.09 | 3 | V | 170 | 1.07 | - |
| AV | 4.824G | 53.98 | 54.00 | -0.02 | 6.82 | 3 | H | 162 | 1.05 | - |
| PK | 4.824G | 56.74 | 74.00 | -17.26 | 6.82 | 3 | H | 162 | 1.05 | - |
| AV | 4.824G | 51.69 | 54.00 | -2.31 | 6.82 | 3 | V | 103 | 1.33 | - |
| PK | 4.824G | 55.20 | 74.00 | -18.80 | 6.82 | 3 | V | 103 | 1.33 | - |

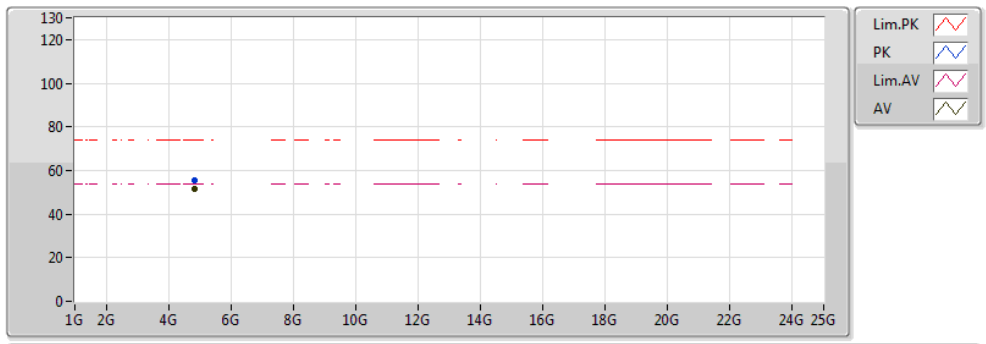
RE TX above 1GHz;Band:2.4G;11b;BWch:20MHz;Nss:1;Nant:1;Ch:2412MHz;TX




20161123
EUT Z_1TX(con1)_Dipole
Setting 37
05-M-1

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 2.3866G | 48.72 | 54.00 | -5.28 | 32.00 | 3 | V | 170 | 1.07 | - |
| AV | 2.4128G | 101.79 | Inf | -Inf | 32.09 | 3 | V | 170 | 1.07 | - |
| PK | 2.3884G | 60.90 | 74.00 | -13.10 | 32.01 | 3 | V | 170 | 1.07 | - |
| PK | 2.4122G | 104.00 | Inf | -Inf | 32.09 | 3 | V | 170 | 1.07 | - |

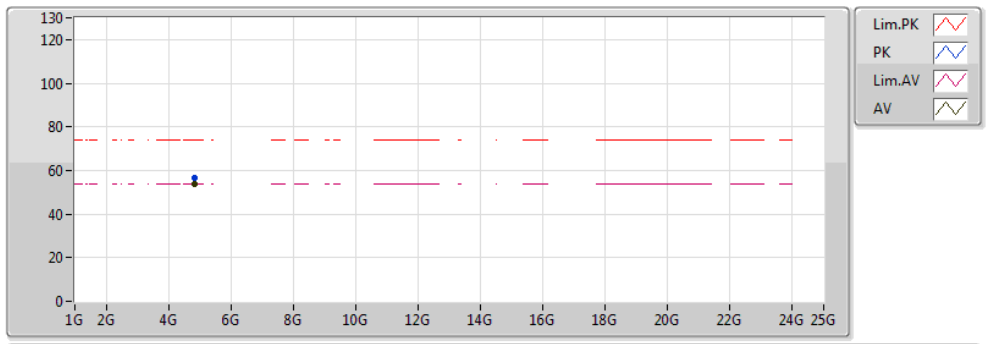
RE TX above 1GHz;Band:2.4G;11b;BWch:20MHz;Nss:1;Nant:1;Ch:2412MHz;TX




20161123
EUT Z_1TX(con1)_Dipole
Setting 37
05-M-1

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 4.824G | 51.69 | 54.00 | -2.31 | 6.82 | 3 | V | 103 | 1.33 | - |
| PK | 4.824G | 55.20 | 74.00 | -18.80 | 6.82 | 3 | V | 103 | 1.33 | - |

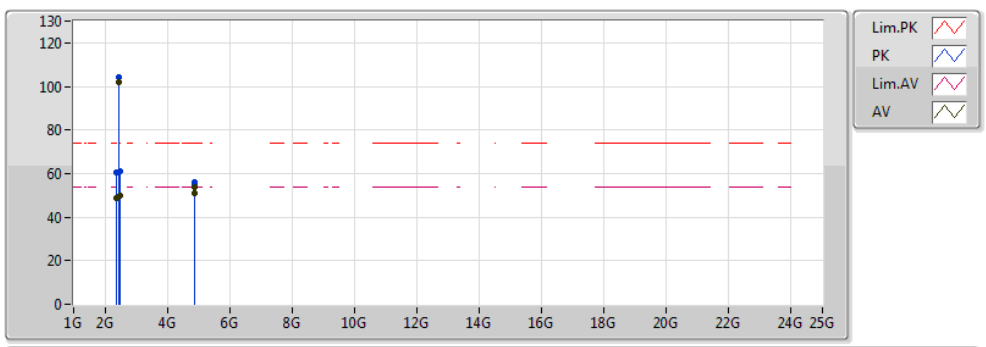
RE TX above 1GHz;Band:2.4G;11b;BWch:20MHz;Nss:1;Nant:1;Ch:2412MHz;TX




20161123
EUT Z_1TX(con1)_Dipole
Setting 37
05-M-1

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 4.824G | 53.98 | 54.00 | -0.02 | 6.82 | 3 | H | 162 | 1.05 | - |
| PK | 4.824G | 56.74 | 74.00 | -17.26 | 6.82 | 3 | H | 162 | 1.05 | - |

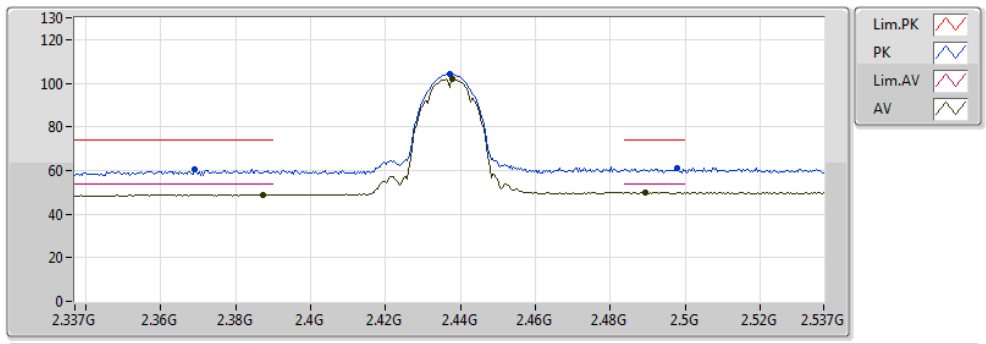
RE TX above 1GHz;Band:2.4G;11b;BWch:20MHz;Nss:1;Nant:1;Ch:2437MHz;TX




20161123
EUT Z_1TX(con1)_Dipole
Setting 36
05-M-1

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 2.3874G | 48.97 | 54.00 | -5.03 | 32.00 | 3 | V | 159 | 1.31 | - |
| AV | 2.4378G | 102.13 | Inf | -Inf | 32.18 | 3 | V | 159 | 1.31 | - |
| AV | 2.4894G | 49.92 | 54.00 | -4.08 | 32.36 | 3 | V | 159 | 1.31 | - |
| PK | 2.369G | 60.28 | 74.00 | -13.72 | 31.94 | 3 | V | 159 | 1.31 | - |
| PK | 2.437G | 104.31 | Inf | -Inf | 32.18 | 3 | V | 159 | 1.31 | - |
| PK | 2.4978G | 61.24 | 74.00 | -12.76 | 32.39 | 3 | V | 159 | 1.31 | - |
| AV | 4.87394G | 53.57 | 54.00 | -0.43 | 6.98 | 3 | H | 162 | 1.03 | - |
| PK | 4.874G | 56.17 | 74.00 | -17.83 | 6.98 | 3 | H | 162 | 1.03 | - |
| AV | 4.874G | 51.17 | 54.00 | -2.83 | 6.98 | 3 | V | 108 | 1.23 | - |
| PK | 4.87394G | 54.90 | 74.00 | -19.10 | 6.98 | 3 | V | 108 | 1.23 | - |

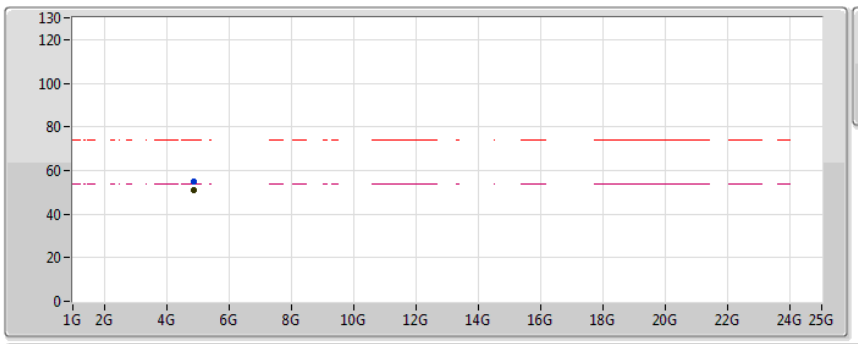
RE TX above 1GHz;Band:2.4G;11b;BWch:20MHz;Nss:1;Nant:1;Ch:2437MHz;TX




20161123
EUT Z_1TX(con1)_Dipole
Setting 36
05-M-1

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 2.3874G | 48.97 | 54.00 | -5.03 | 32.00 | 3 | V | 159 | 1.31 | - |
| AV | 2.4378G | 102.13 | Inf | -Inf | 32.18 | 3 | V | 159 | 1.31 | - |
| AV | 2.4894G | 49.92 | 54.00 | -4.08 | 32.36 | 3 | V | 159 | 1.31 | - |
| PK | 2.369G | 60.28 | 74.00 | -13.72 | 31.94 | 3 | V | 159 | 1.31 | - |
| PK | 2.437G | 104.31 | Inf | -Inf | 32.18 | 3 | V | 159 | 1.31 | - |
| PK | 2.4978G | 61.24 | 74.00 | -12.76 | 32.39 | 3 | V | 159 | 1.31 | - |

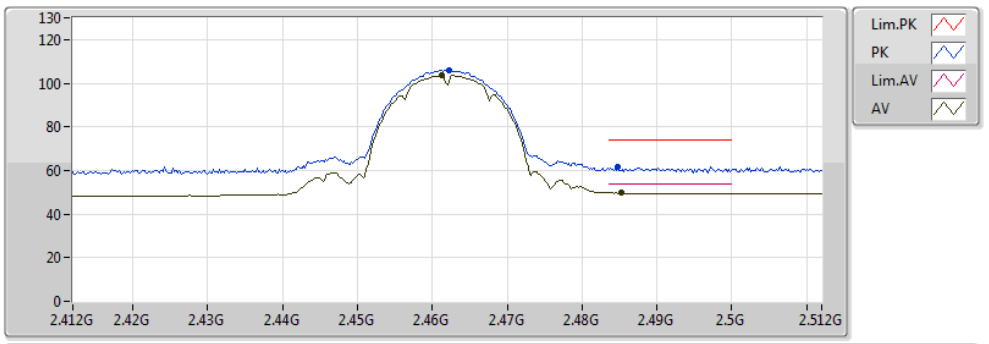
RE TX above 1GHz;Band:2.4G;11b;BWch:20MHz;Nss:1;Nant:1;Ch:2437MHz;TX




20161123
EUT Z_1TX(con1)_Dipole
Setting 36
05-M-1

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 4.874G | 51.17 | 54.00 | -2.83 | 6.98 | 3 | V | 108 | 1.23 | - |
| PK | 4.87394G | 54.90 | 74.00 | -19.10 | 6.98 | 3 | V | 108 | 1.23 | - |

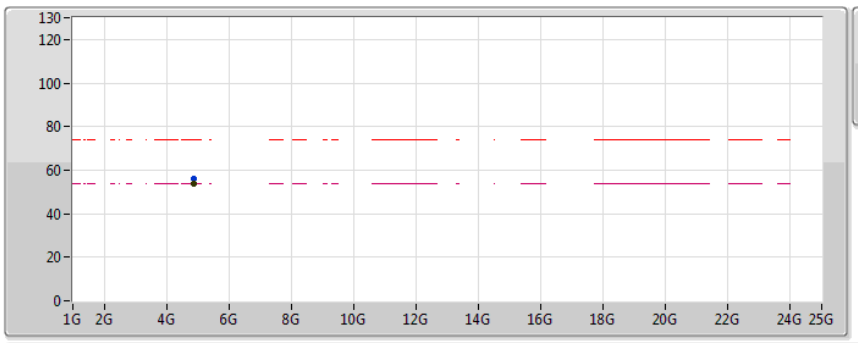
RE TX above 1GHz;Band:2.4G;11b;BWch:20MHz;Nss:1;Nant:1;Ch:2462MHz;TX




20161123
EUT Z_1TX(con1)_Dipole
Setting 35
05-M-1

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 2.4612G | 103.61 | Inf | -Inf | 32.26 | 3 | V | 171 | 1.07 | - |
| AV | 2.4852G | 49.67 | 54.00 | -4.33 | 32.35 | 3 | V | 171 | 1.07 | - |
| PK | 2.4622G | 105.81 | Inf | -Inf | 32.27 | 3 | V | 171 | 1.07 | - |
| PK | 2.4848G | 61.47 | 74.00 | -12.53 | 32.35 | 3 | V | 171 | 1.07 | - |

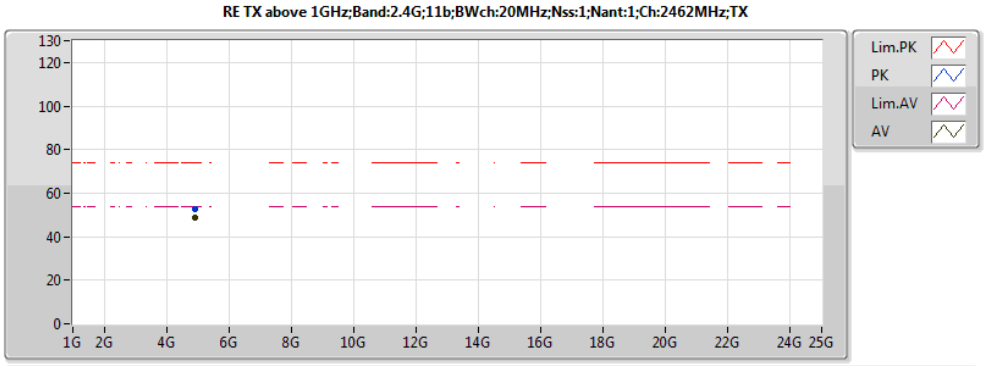
RE TX above 1GHz;Band:2.4G;11b;BWch:20MHz;Nss:1;Nant:1;Ch:2437MHz;TX




20161123
EUT Z_1TX(con1)_Dipole
Setting 36
05-M-1

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 4.87394G | 53.57 | 54.00 | -0.43 | 6.98 | 3 | H | 162 | 1.03 | - |
| PK | 4.874G | 56.17 | 74.00 | -17.83 | 6.98 | 3 | H | 162 | 1.03 | - |

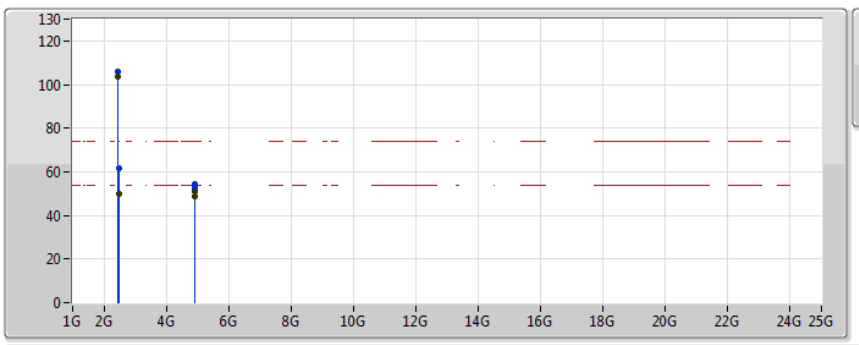
RE TX above 1GHz;Band:2.4G;11b;BWch:20MHz;Nss:1;Nant:1;Ch:2462MHz;TX




20161123
EUT Z_1TX(con1)_Dipole
Setting 35
05-M-1

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 4.92394G | 48.49 | 54.00 | -5.51 | 7.13 | 3 | V | 107 | 1.36 | - |
| PK | 4.92394G | 52.64 | 74.00 | -21.36 | 7.13 | 3 | V | 107 | 1.36 | - |

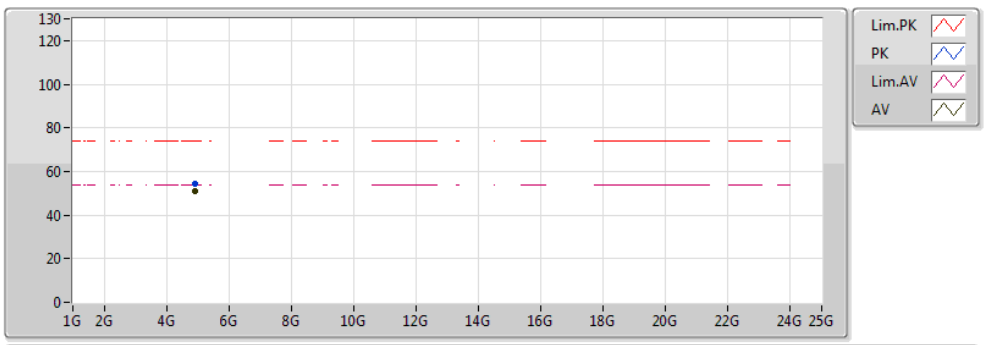
RE TX above 1GHz;Band:2.4G;11b;BWch:20MHz;Nss:1;Nant:1;Ch:2462MHz;TX




20161123
EUT Z_1TX(con1)_Dipole
Setting 35
05-M-1

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 2.4612G | 103.61 | Inf | -Inf | 32.26 | 3 | V | 171 | 1.07 | - |
| AV | 2.4852G | 49.67 | 54.00 | -4.33 | 32.35 | 3 | V | 171 | 1.07 | - |
| PK | 2.4622G | 105.81 | Inf | -Inf | 32.27 | 3 | V | 171 | 1.07 | - |
| PK | 2.4848G | 61.47 | 74.00 | -12.53 | 32.35 | 3 | V | 171 | 1.07 | - |
| AV | 4.924G | 50.96 | 54.00 | -3.04 | 7.13 | 3 | H | 162 | 1.05 | - |
| PK | 4.92394G | 54.17 | 74.00 | -19.83 | 7.13 | 3 | H | 162 | 1.05 | - |
| AV | 4.92394G | 48.49 | 54.00 | -5.51 | 7.13 | 3 | V | 107 | 1.36 | - |
| PK | 4.92394G | 52.64 | 74.00 | -21.36 | 7.13 | 3 | V | 107 | 1.36 | - |

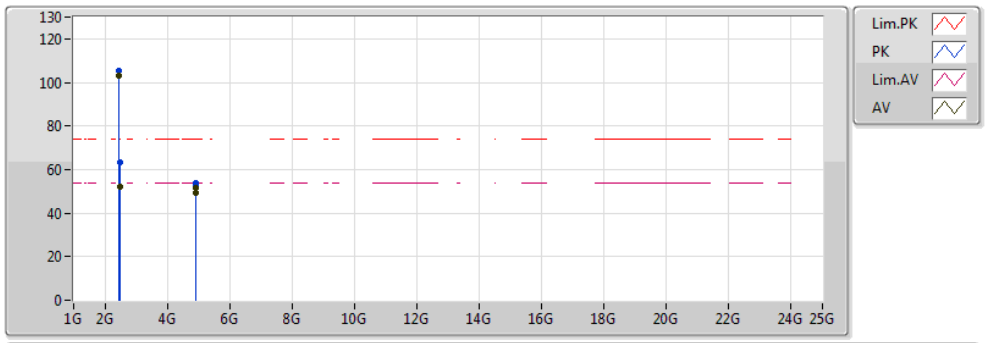
RE TX above 1GHz;Band:2.4G;11b;BWch:20MHz;Nss:1;Nant:1;Ch:2462MHz;TX




20161123
EUT Z_1TX(con1)_Dipole
Setting 35
05-M-1

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 4.924G | 50.96 | 54.00 | -3.04 | 7.13 | 3 | H | 162 | 1.05 | - |
| PK | 4.92394G | 54.17 | 74.00 | -19.83 | 7.13 | 3 | H | 162 | 1.05 | - |

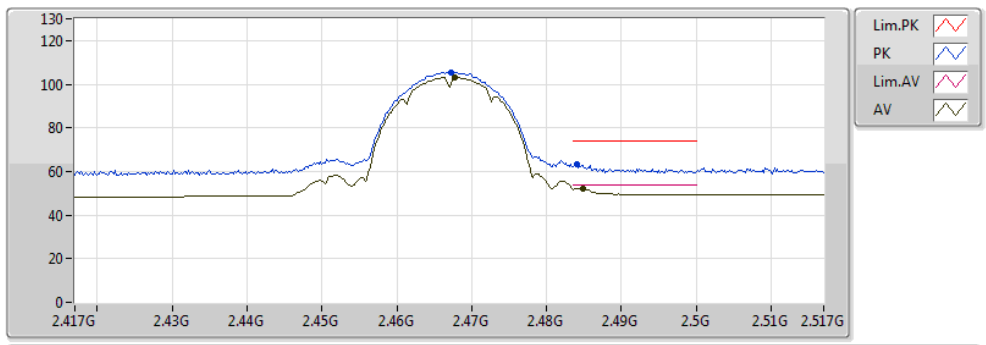
RE TX above 1GHz;Band:2.4G;11b;BWch:20MHz;Nss:1;Nant:1;Ch:2467MHz;TX




20161123
EUT Z_1TX(con1)_Dipole
Setting 36
05-M-1

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 2.4678G | 103.25 | Inf | -Inf | 32.29 | 3 | V | 158 | 1.37 | - |
| AV | 2.4848G | 52.29 | 54.00 | -1.71 | 32.35 | 3 | V | 158 | 1.37 | - |
| PK | 2.4672G | 105.54 | Inf | -Inf | 32.29 | 3 | V | 158 | 1.37 | - |
| PK | 2.484G | 63.31 | 74.00 | -10.69 | 32.34 | 3 | V | 158 | 1.37 | - |
| AV | 4.934G | 51.31 | 54.00 | -2.69 | 7.17 | 3 | H | 164 | 1.06 | - |
| PK | 4.934G | 53.82 | 74.00 | -20.18 | 7.17 | 3 | H | 164 | 1.06 | - |
| AV | 4.934G | 49.57 | 54.00 | -4.43 | 7.17 | 3 | V | 108 | 1.11 | - |
| PK | 4.93412G | 52.70 | 74.00 | -21.30 | 7.17 | 3 | V | 108 | 1.11 | - |

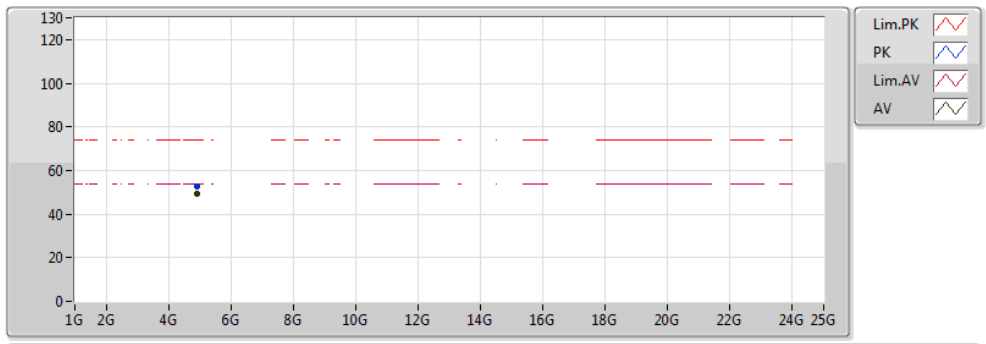
RE TX above 1GHz;Band:2.4G;11b;BWch:20MHz;Nss:1;Nant:1;Ch:2467MHz;TX




20161123
EUT Z_1TX(con1)_Dipole
Setting 36
05-M-1

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 2.4678G | 103.25 | Inf | -Inf | 32.29 | 3 | V | 158 | 1.37 | - |
| AV | 2.4848G | 52.29 | 54.00 | -1.71 | 32.35 | 3 | V | 158 | 1.37 | - |
| PK | 2.4672G | 105.54 | Inf | -Inf | 32.29 | 3 | V | 158 | 1.37 | - |
| PK | 2.484G | 63.31 | 74.00 | -10.69 | 32.34 | 3 | V | 158 | 1.37 | - |

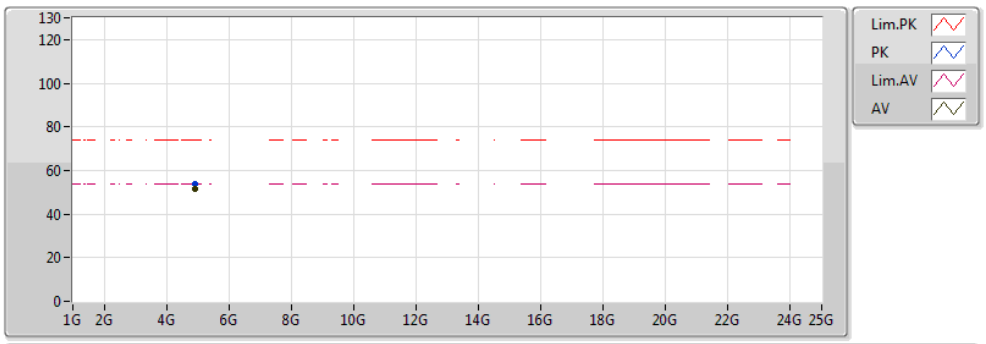
RE TX above 1GHz;Band:2.4G;11b;BWch:20MHz;Nss:1;Nant:1;Ch:2467MHz;TX




20161123
EUT Z_1TX(con1)_Dipole
Setting 36
05-M-1

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 4.934G | 49.57 | 54.00 | -4.43 | 7.17 | 3 | V | 108 | 1.11 | - |
| PK | 4.93412G | 52.70 | 74.00 | -21.30 | 7.17 | 3 | V | 108 | 1.11 | - |

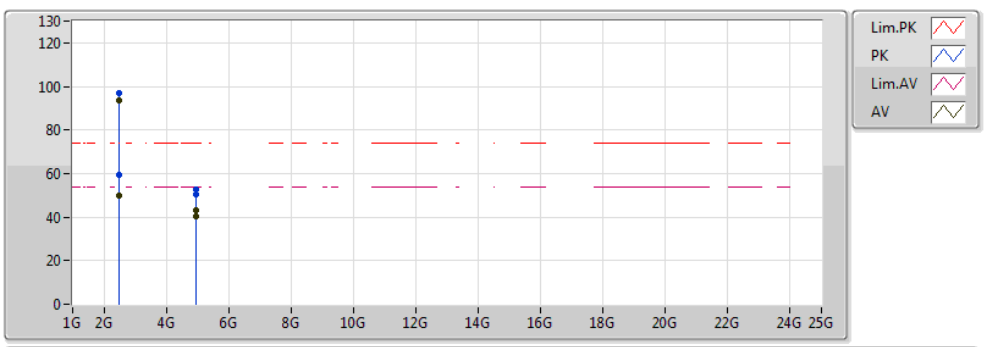
RE TX above 1GHz;Band:2.4G;11b;BWch:20MHz;Nss:1;Nant:1;Ch:2467MHz;TX




20161123
EUT Z_1TX(con1)_Dipole
Setting 36
05-M-1

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 4.934G | 51.31 | 54.00 | -2.69 | 7.17 | 3 | H | 164 | 1.06 | - |
| PK | 4.934G | 53.82 | 74.00 | -20.18 | 7.17 | 3 | H | 164 | 1.06 | - |

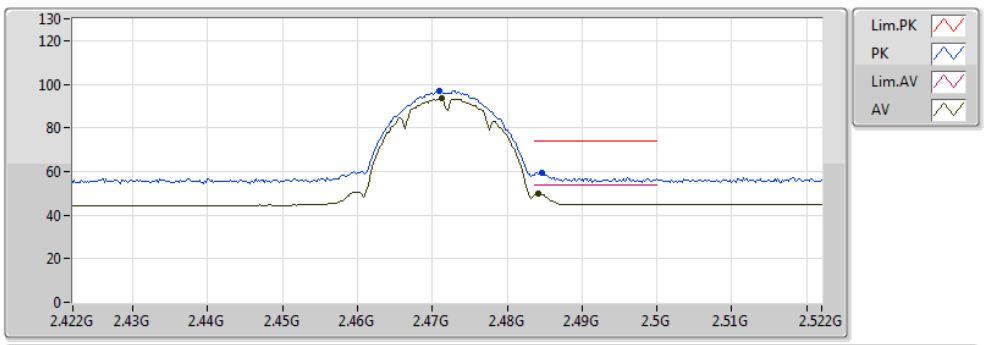
RE TX above 1GHz;Band:2.4G;11b;BWch:20MHz;Nss:1;Nant:1;Ch:2472MHz;TX




20161128
EUT Z_1TX(con1)_Dipole
Setting 21
04-J-4

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 2.4712G | 93.36 | Inf | -Inf | 32.76 | 3 | V | 309 | 1.53 | - |
| AV | 2.4842G | 49.71 | 54.00 | -4.29 | 32.78 | 3 | V | 309 | 1.53 | - |
| PK | 2.471G | 96.80 | Inf | -Inf | 32.76 | 3 | V | 309 | 1.53 | - |
| PK | 2.4846G | 59.62 | 74.00 | -14.38 | 32.78 | 3 | V | 309 | 1.53 | - |
| AV | 4.94396G | 40.16 | 54.00 | -13.84 | 40.04 | 3 | V | 11 | 2.66 | - |
| AV | 4.944G | 42.95 | 54.00 | -11.05 | 40.04 | 3 | V | 27 | 224 | - |
| PK | 4.94372G | 50.35 | 74.00 | -23.65 | 40.04 | 3 | V | 11 | 2.66 | - |
| PK | 4.94388G | 52.41 | 74.00 | -21.59 | 40.04 | 3 | V | 27 | 224 | - |

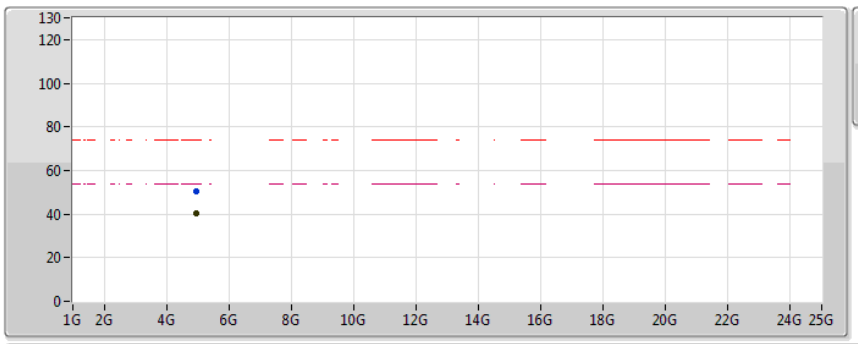
RE TX above 1GHz;Band:2.4G;11b;BWch:20MHz;Nss:1;Nant:1;Ch:2472MHz;TX




20161128
EUT Z_1TX(con1)_Dipole
Setting 21
04-J-4

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 2.4712G | 93.36 | Inf | -Inf | 32.76 | 3 | V | 309 | 1.53 | - |
| AV | 2.4842G | 49.71 | 54.00 | -4.29 | 32.78 | 3 | V | 309 | 1.53 | - |
| PK | 2.471G | 96.80 | Inf | -Inf | 32.76 | 3 | V | 309 | 1.53 | - |
| PK | 2.4846G | 59.62 | 74.00 | -14.38 | 32.78 | 3 | V | 309 | 1.53 | - |

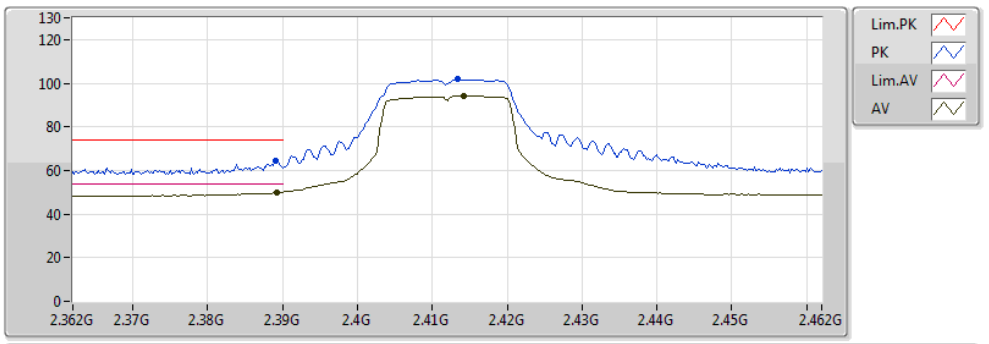
RE TX above 1GHz;Band:2.4G;11b;BWch:20MHz;Nss:1;Nant:1;Ch:2472MHz;TX




20161128
EUT Z_1TX(con1)_Dipole
Setting 21
04-J-4

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 4.94396G | 40.16 | 54.00 | -13.84 | 3.39 | 3 | V | 11 | 2.66 | - |
| PK | 4.94372G | 50.35 | 74.00 | -23.65 | 3.39 | 3 | V | 11 | 2.66 | - |

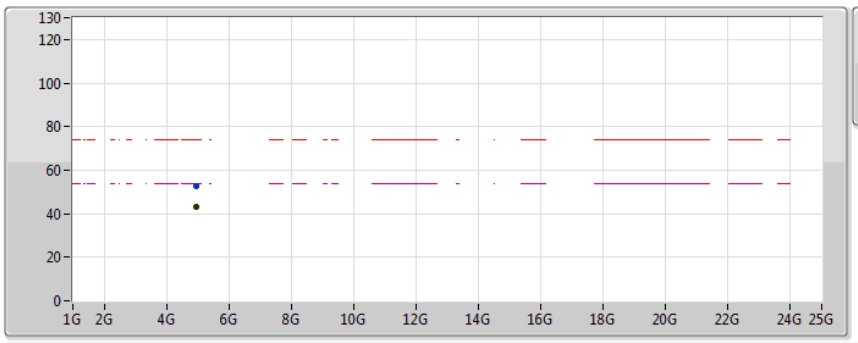
RE TX above 1GHz;Band:2.4G;11g;BWch:20MHz;Nss:1;Nant:1;Ch:2412MHz;TX




20161123
EUT Z_1TX(con1)_Dipole
Setting 43
05-W-3

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 2.3892G | 50.00 | 54.00 | -4.00 | 32.01 | 3 | V | 114 | 1.08 | - |
| AV | 2.4142G | 94.13 | Inf | -Inf | 32.10 | 3 | V | 114 | 1.08 | - |
| PK | 2.389G | 64.47 | 74.00 | -9.53 | 32.01 | 3 | V | 114 | 1.08 | - |
| PK | 2.4134G | 101.88 | Inf | -Inf | 32.10 | 3 | V | 114 | 1.08 | - |

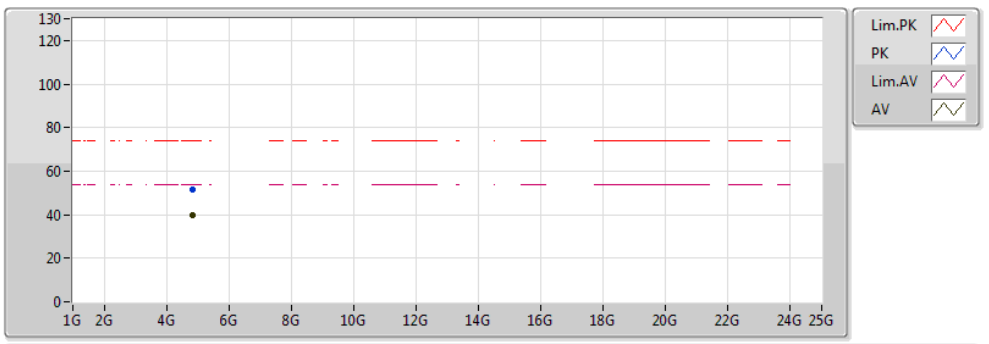
RE TX above 1GHz;Band:2.4G;11b;BWch:20MHz;Nss:1;Nant:1;Ch:2472MHz;TX




20161128
EUT Z_1TX(con1)_Dipole
Setting 21
04-J-4

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 4.944G | 42.95 | 54.00 | -11.05 | 3.39 | 3 | V | 27 | 224 | - |
| PK | 4.94388G | 52.41 | 74.00 | -21.59 | 3.39 | 3 | V | 27 | 224 | - |

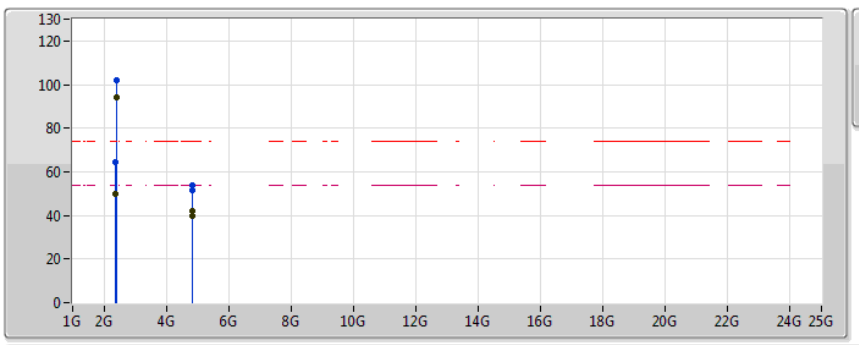
RE TX above 1GHz;Band:2.4G;11g;BWch:20MHz;Nss:1;Nant:1;Ch:2412MHz;TX




20161123
EUT Z_1TX(con1)_Dipole
Setting 43
05-W-3

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 4.82416G | 39.66 | 54.00 | -14.34 | 6.82 | 3 | V | 104 | 1.08 | - |
| PK | 4.82016G | 51.71 | 74.00 | -22.29 | 6.81 | 3 | V | 104 | 1.08 | - |

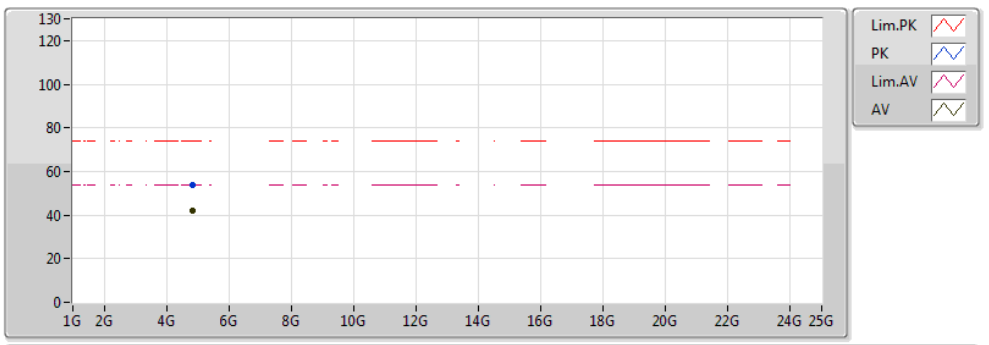
RE TX above 1GHz;Band:2.4G;11g;BWch:20MHz;Nss:1;Nant:1;Ch:2412MHz;TX




20161123
EUT Z_1TX(con1)_Dipole
Setting 43
05-W-3

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 2.3892G | 50.00 | 54.00 | -4.00 | 32.01 | 3 | V | 114 | 1.08 | - |
| AV | 2.4142G | 94.13 | Inf | -Inf | 32.10 | 3 | V | 114 | 1.08 | - |
| PK | 2.389G | 64.47 | 74.00 | -9.53 | 32.01 | 3 | V | 114 | 1.08 | - |
| PK | 2.4134G | 101.88 | Inf | -Inf | 32.10 | 3 | V | 114 | 1.08 | - |
| AV | 4.82404G | 41.81 | 54.00 | -12.19 | 6.82 | 3 | H | 162 | 1.00 | - |
| PK | 4.8269G | 53.63 | 74.00 | -20.37 | 6.83 | 3 | H | 162 | 1.00 | - |
| AV | 4.82416G | 39.66 | 54.00 | -14.34 | 6.82 | 3 | V | 104 | 1.08 | - |
| PK | 4.82016G | 51.71 | 74.00 | -22.29 | 6.81 | 3 | V | 104 | 1.08 | - |

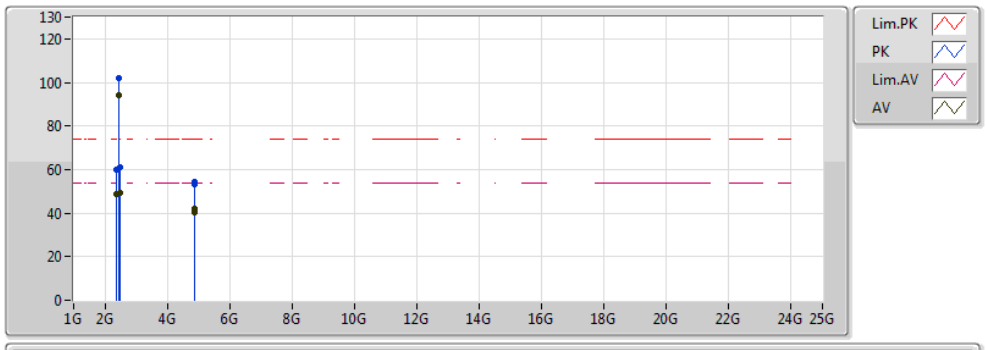
RE TX above 1GHz;Band:2.4G;11g;BWch:20MHz;Nss:1;Nant:1;Ch:2412MHz;TX




20161123
EUT Z_1TX(con1)_Dipole
Setting 43
05-W-3

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 4.82404G | 41.81 | 54.00 | -12.19 | 6.82 | 3 | H | 162 | 1.00 | - |
| PK | 4.8269G | 53.63 | 74.00 | -20.37 | 6.83 | 3 | H | 162 | 1.00 | - |

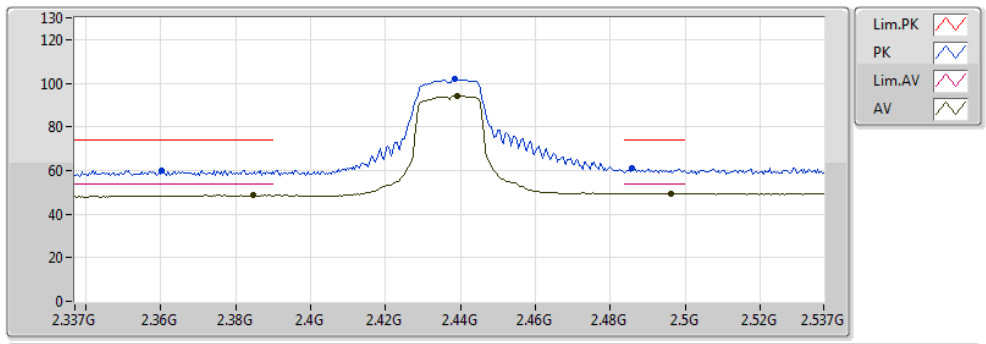
RE TX above 1GHz;Band:2.4G;11g;BWch:20MHz;Nss:1;Nant:1;Ch:2437MHz;TX




20161123
EUT Z_1TX(con1)_Dipole
Setting 45
05-W-3

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 2.3846G | 48.52 | 54.00 | -5.48 | 31.99 | 3 | V | 74 | 1.39 | - |
| AV | 2.439G | 94.04 | Inf | -Inf | 32.19 | 3 | V | 74 | 1.39 | - |
| AV | 2.4962G | 49.49 | 54.00 | -4.51 | 32.39 | 3 | V | 74 | 1.39 | - |
| PK | 2.3602G | 60.12 | 74.00 | -13.88 | 31.91 | 3 | V | 74 | 1.39 | - |
| PK | 2.4386G | 101.93 | Inf | -Inf | 32.19 | 3 | V | 74 | 1.39 | - |
| PK | 2.4858G | 60.83 | 74.00 | -13.17 | 32.35 | 3 | V | 74 | 1.39 | - |
| AV | 4.87398G | 42.01 | 54.00 | -11.99 | 6.98 | 3 | H | 161 | 1.00 | - |
| PK | 4.8701G | 54.53 | 74.00 | -19.47 | 6.97 | 3 | H | 161 | 1.00 | - |
| AV | 4.87418G | 40.54 | 54.00 | -13.46 | 6.98 | 3 | V | 27 | 2.86 | - |
| PK | 4.8746G | 53.12 | 74.00 | -20.88 | 6.98 | 3 | V | 27 | 2.86 | - |

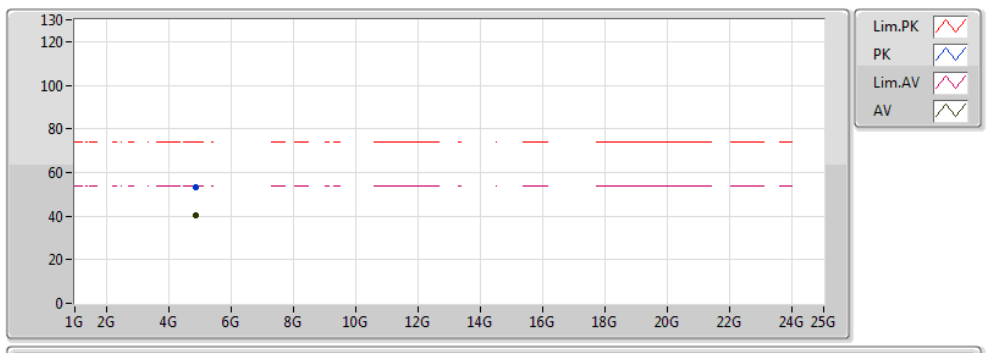
RE TX above 1GHz;Band:2.4G;11g;BWch:20MHz;Nss:1;Nant:1;Ch:2437MHz;TX




20161123
EUT Z_1TX(con1)_Dipole
Setting 45
05-W-3

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 2.3846G | 48.52 | 54.00 | -5.48 | 31.99 | 3 | V | 74 | 1.39 | - |
| AV | 2.439G | 94.04 | Inf | -Inf | 32.19 | 3 | V | 74 | 1.39 | - |
| AV | 2.4962G | 49.49 | 54.00 | -4.51 | 32.39 | 3 | V | 74 | 1.39 | - |
| PK | 2.3602G | 60.12 | 74.00 | -13.88 | 31.91 | 3 | V | 74 | 1.39 | - |
| PK | 2.4386G | 101.93 | Inf | -Inf | 32.19 | 3 | V | 74 | 1.39 | - |
| PK | 2.4858G | 60.83 | 74.00 | -13.17 | 32.35 | 3 | V | 74 | 1.39 | - |

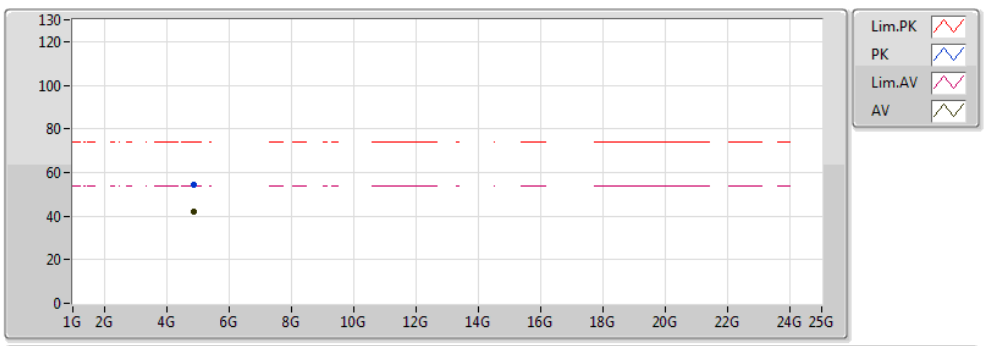
RE TX above 1GHz;Band:2.4G;11g;BWch:20MHz;Nss:1;Nant:1;Ch:2437MHz;TX




20161123
EUT Z_1TX(con1)_Dipole
Setting 45
05-W-3

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 4.87418G | 40.54 | 54.00 | -13.46 | 6.98 | 3 | V | 27 | 2.86 | - |
| PK | 4.8746G | 53.12 | 74.00 | -20.88 | 6.98 | 3 | V | 27 | 2.86 | - |

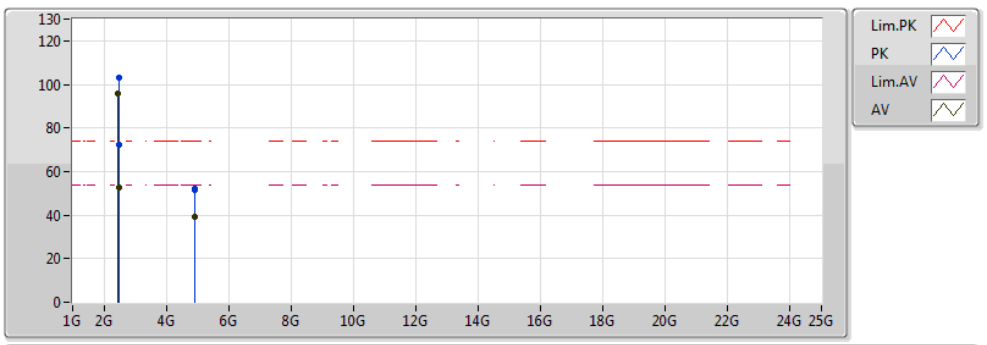
RE TX above 1GHz;Band:2.4G;11g;BWch:20MHz;Nss:1;Nant:1;Ch:2437MHz;TX




20161123
EUT Z_1TX(con1)_Dipole
Setting 45
05-W-3

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 4.87398G | 42.01 | 54.00 | -11.99 | 6.98 | 3 | H | 161 | 1.00 | - |
| PK | 4.8701G | 54.53 | 74.00 | -19.47 | 6.97 | 3 | H | 161 | 1.00 | - |

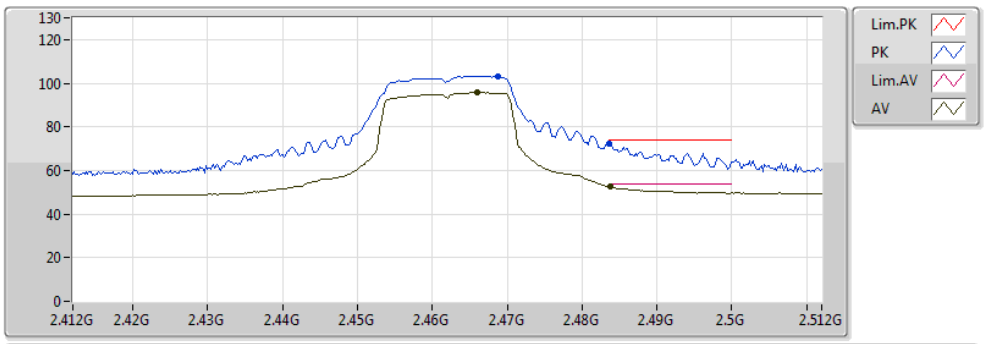
RE TX above 1GHz;Band:2.4G;11g;BWch:20MHz;Nss:1;Nant:1;Ch:2462MHz;TX




20161123
EUT Z_1TX(con1)_Dipole
Setting 39
05-W-3

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 2.466G | 95.64 | Inf | -Inf | 32.28 | 3 | V | 75 | 1.38 | - |
| AV | 2.4838G | 52.49 | 54.00 | -1.51 | 32.34 | 3 | V | 75 | 1.38 | - |
| PK | 2.4688G | 103.23 | Inf | -Inf | 32.29 | 3 | V | 75 | 1.38 | - |
| PK | 2.4836G | 72.47 | 74.00 | -1.53 | 32.34 | 3 | V | 75 | 1.38 | - |
| AV | 4.92406G | 39.38 | 54.00 | -14.62 | 7.13 | 3 | H | 170 | 1.02 | - |
| PK | 4.92632G | 51.45 | 74.00 | -22.55 | 7.14 | 3 | H | 170 | 1.02 | - |
| AV | 4.92424G | 39.38 | 54.00 | -14.62 | 7.14 | 3 | V | 24 | 2.67 | - |
| PK | 4.92452G | 52.26 | 74.00 | -21.74 | 7.14 | 3 | V | 24 | 2.67 | - |

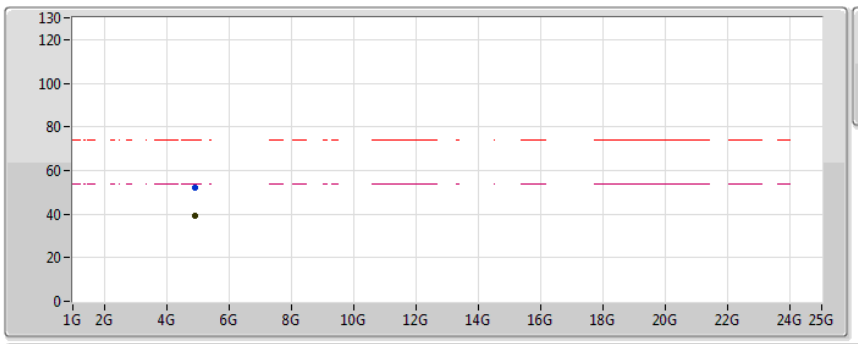
RE TX above 1GHz;Band:2.4G;11g;BWch:20MHz;Nss:1;Nant:1;Ch:2462MHz;TX




20161123
EUT Z_1TX(con1)_Dipole
Setting 39
05-W-3

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 2.466G | 95.64 | Inf | -Inf | 32.28 | 3 | V | 75 | 1.38 | - |
| AV | 2.4838G | 52.49 | 54.00 | -1.51 | 32.34 | 3 | V | 75 | 1.38 | - |
| PK | 2.4688G | 103.23 | Inf | -Inf | 32.29 | 3 | V | 75 | 1.38 | - |
| PK | 2.4836G | 72.47 | 74.00 | -1.53 | 32.34 | 3 | V | 75 | 1.38 | - |

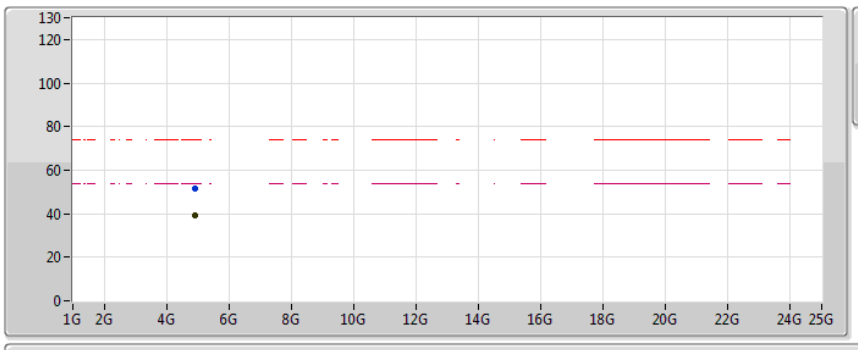
RE TX above 1GHz;Band:2.4G;11g;BWch:20MHz;Nss:1;Nant:1;Ch:2462MHz;TX




20161123
EUT Z_1TX(con1)_Dipole
Setting 39
05-W-3

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 4.92424G | 39.38 | 54.00 | -14.62 | 7.14 | 3 | V | 24 | 2.67 | - |
| PK | 4.92452G | 52.26 | 74.00 | -21.74 | 7.14 | 3 | V | 24 | 2.67 | - |

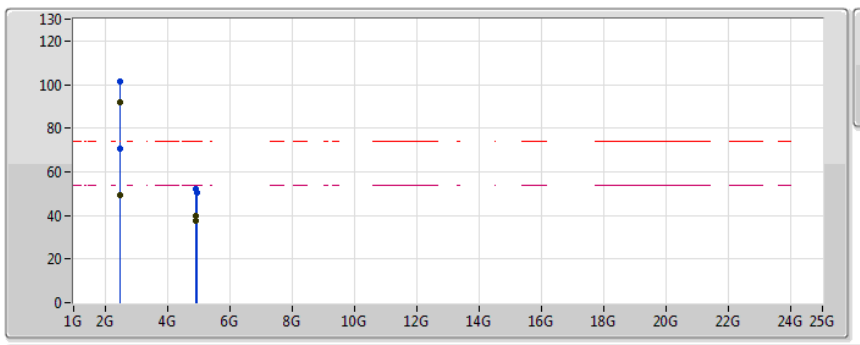
RE TX above 1GHz;Band:2.4G;11g;BWch:20MHz;Nss:1;Nant:1;Ch:2462MHz;TX




20161123
EUT Z_1TX(con1)_Dipole
Setting 39
05-W-3

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 4.92406G | 39.38 | 54.00 | -14.62 | 7.13 | 3 | H | 170 | 1.02 | - |
| PK | 4.92632G | 51.45 | 74.00 | -22.55 | 7.14 | 3 | H | 170 | 1.02 | - |

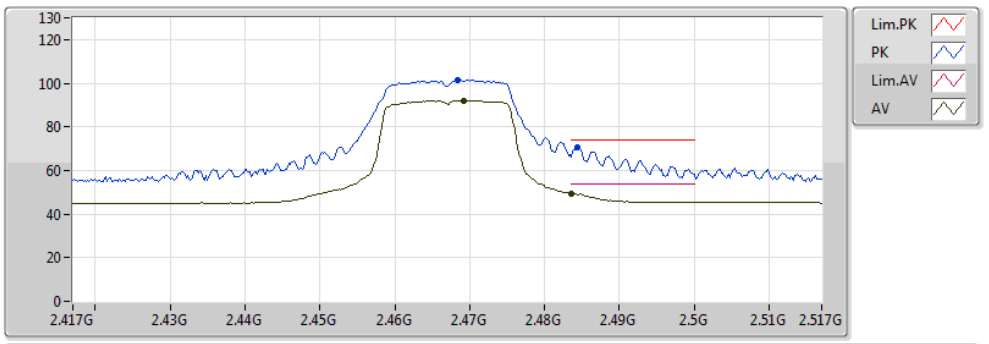
RE TX above 1GHz;Band:2.4G;11g;BWch:20MHz;Nss:1;Nant:1;Ch:2467MHz;TX




20161128
EUT Z_1TX(con1)_Dipole
Setting 39
04-J-4

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 2.4692G | 92.14 | Inf | -Inf | 32.76 | 3 | V | 310 | 1.54 | - |
| AV | 2.4836G | 49.40 | 54.00 | -4.60 | 32.78 | 3 | V | 310 | 1.54 | - |
| PK | 2.4684G | 101.40 | Inf | -Inf | 32.76 | 3 | V | 310 | 1.54 | - |
| PK | 2.4844G | 70.39 | 74.00 | -3.61 | 32.78 | 3 | V | 310 | 1.54 | - |
| AV | 4.93386G | 37.56 | 54.00 | -16.44 | 3.36 | 3 | V | 289 | 1.91 | - |
| AV | 4.93396G | 39.56 | 54.00 | -14.44 | 3.37 | 3 | V | 289 | 1.91 | - |
| PK | 4.93034G | 51.84 | 74.00 | -22.16 | 3.35 | 3 | V | 289 | 1.91 | - |
| PK | 4.93486G | 50.54 | 74.00 | -23.46 | 3.37 | 3 | V | 289 | 1.91 | - |

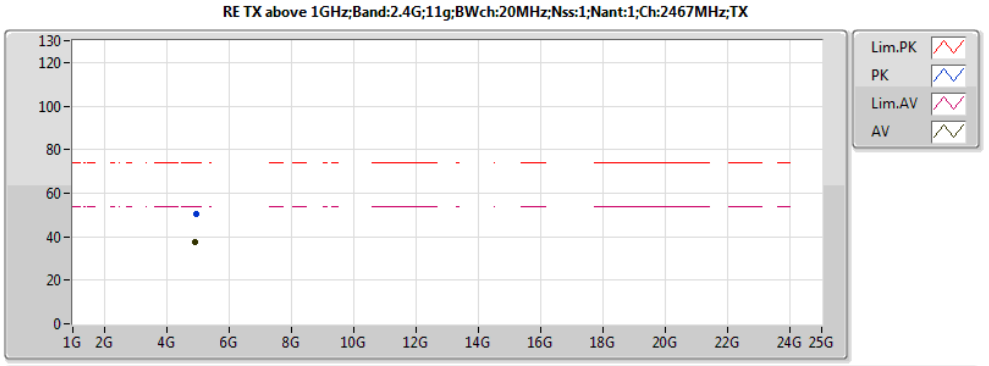
RE TX above 1GHz;Band:2.4G;11g;BWch:20MHz;Nss:1;Nant:1;Ch:2467MHz;TX




20161128
EUT Z_1TX(con1)_Dipole
Setting 39
04-J-4

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 2.4692G | 92.14 | Inf | -Inf | 32.76 | 3 | V | 310 | 1.54 | - |
| AV | 2.4836G | 49.40 | 54.00 | -4.60 | 32.78 | 3 | V | 310 | 1.54 | - |
| PK | 2.4684G | 101.40 | Inf | -Inf | 32.76 | 3 | V | 310 | 1.54 | - |
| PK | 2.4844G | 70.39 | 74.00 | -3.61 | 32.78 | 3 | V | 310 | 1.54 | - |

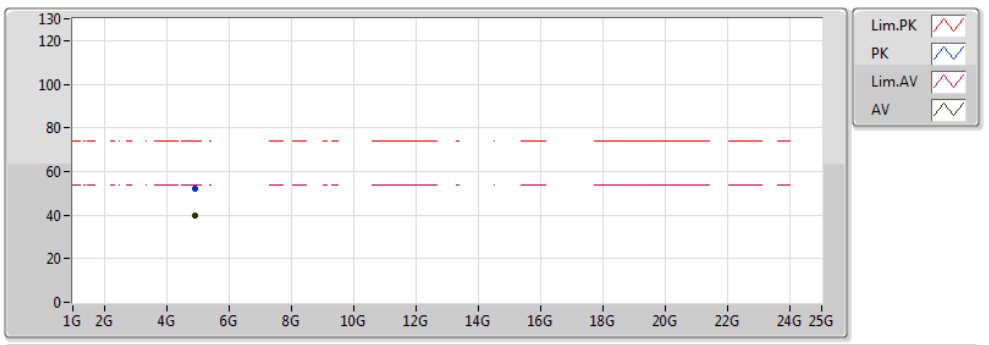
RE TX above 1GHz;Band:2.4G;11g;BWch:20MHz;Nss:1;Nant:1;Ch:2467MHz;TX




20161128
EUT Z_1TX(con1)_Dipole
Setting 39
04-J-4

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 4.93386G | 37.56 | 54.00 | -16.44 | 3.36 | 3 | V | 88 | 262 | - |
| PK | 4.93486G | 50.54 | 74.00 | -23.46 | 3.37 | 3 | V | 88 | 262 | - |

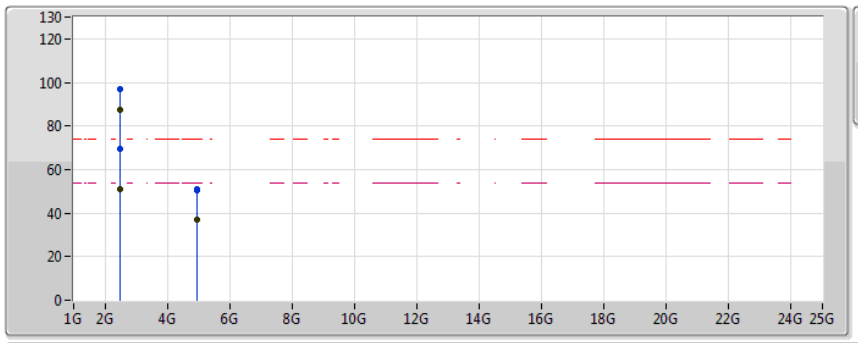
RE TX above 1GHz;Band:2.4G;11g;BWch:20MHz;Nss:1;Nant:1;Ch:2467MHz;TX




20161128
EUT Z_1TX(con1)_Dipole
Setting 39
04-J-4

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 4.93396G | 39.56 | 54.00 | -14.44 | 3.37 | 3 | V | 152 | 1.91 | - |
| PK | 4.93034G | 51.84 | 74.00 | -22.16 | 3.35 | 3 | V | 152 | 1.91 | - |

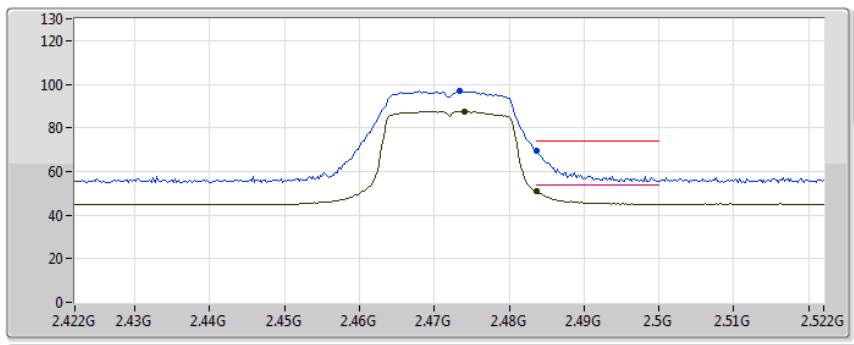
RE TX above 1GHz;Band:2.4G;11g;BWch:20MHz;Nss:1;Nant:1;Ch:2472MHz;TX




20161128
EUT Z_1TX(con1)_Dipole
Setting 29
04-J-4

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 2.474G | 87.58 | Inf | -Inf | 32.77 | 3 | V | 311 | 1.53 | - |
| AV | 2.4836G | 50.96 | 54.00 | -3.04 | 32.78 | 3 | V | 311 | 1.53 | - |
| PK | 2.4734G | 96.76 | Inf | -Inf | 32.77 | 3 | V | 311 | 1.53 | - |
| PK | 2.4836G | 69.48 | 74.00 | -4.52 | 32.78 | 3 | V | 311 | 1.53 | - |
| AV | 4.94062G | 36.96 | 54.00 | -17.04 | 3.38 | 3 | V | 96 | 231 | - |
| AV | 4.949G | 37.12 | 54.00 | -16.88 | 3.41 | 3 | V | 227 | 145 | - |
| PK | 4.93978G | 51.08 | 74.00 | -22.92 | 3.38 | 3 | V | 96 | 231 | - |
| PK | 4.94752G | 50.53 | 74.00 | -23.47 | 3.40 | 3 | V | 227 | 145 | - |

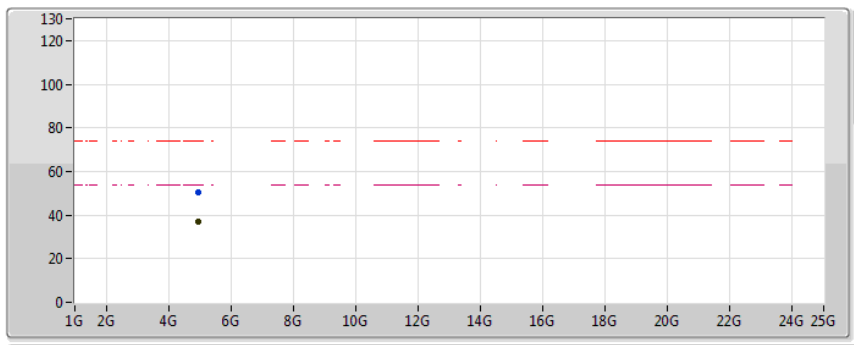
RE TX above 1GHz;Band:2.4G;11g;BWch:20MHz;Nss:1;Nant:1;Ch:2472MHz;TX




20161128
EUT Z_1TX(con1)_Dipole
Setting 29
04-J-4

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 2.474G | 87.58 | Inf | -Inf | 32.77 | 3 | V | 311 | 1.53 | - |
| AV | 2.4836G | 50.96 | 54.00 | -3.04 | 32.78 | 3 | V | 311 | 1.53 | - |
| PK | 2.4734G | 96.76 | Inf | -Inf | 32.77 | 3 | V | 311 | 1.53 | - |
| PK | 2.4836G | 69.48 | 74.00 | -4.52 | 32.78 | 3 | V | 311 | 1.53 | - |

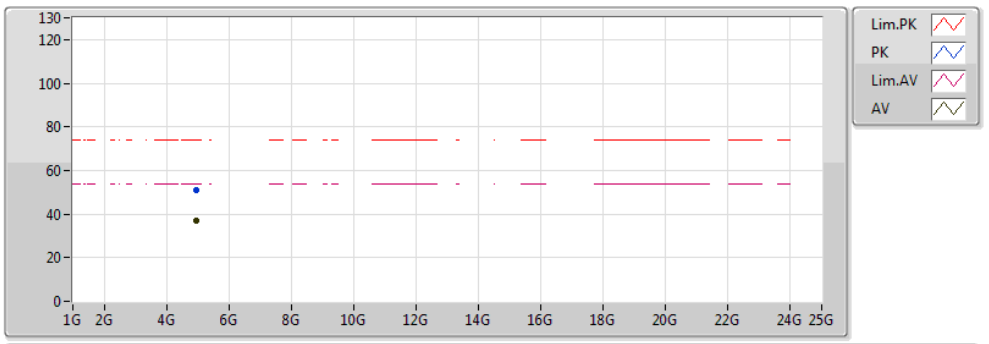
RE TX above 1GHz;Band:2.4G;11g;BWch:20MHz;Nss:1;Nant:1;Ch:2472MHz;TX




20161128
EUT Z_1TX(con1)_Dipole
Setting 29
04-J-4

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 4.949G | 37.12 | 54.00 | -16.88 | 3.41 | 3 | V | 227 | 145 | - |
| PK | 4.94752G | 50.53 | 74.00 | -23.47 | 3.40 | 3 | V | 227 | 145 | - |

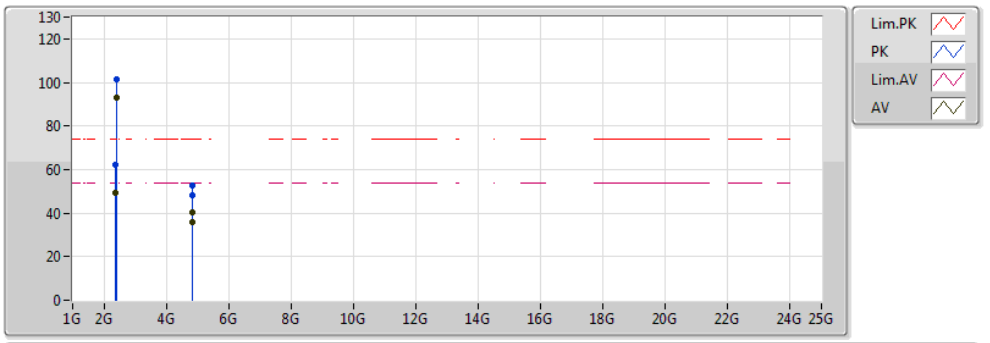
RE TX above 1GHz;Band:2.4G;11g;BWch:20MHz;Nss:1;Nant:1;Ch:2472MHz;TX




20161128
EUT Z_1TX(con1)_Dipole
Setting 29
04-J-4

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 4.94062G | 36.96 | 54.00 | -17.04 | 3.38 | 3 | V | 96 | 231 | - |
| PK | 4.93978G | 51.08 | 74.00 | -22.92 | 3.38 | 3 | V | 96 | 231 | - |

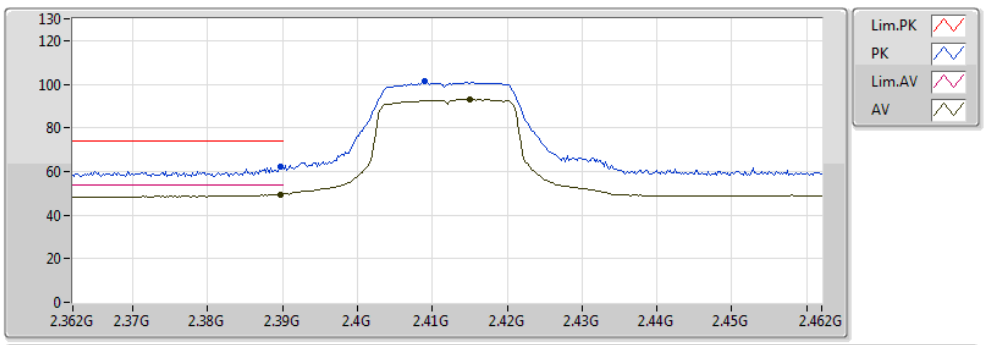
RE TX above 1GHz;Band:2.4G;HT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:2412MHz;TX




20161123
EUT Z_1TX(con1)_Dipole
Setting 41
05-W-3

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 2.3898G | 49.52 | 54.00 | -4.48 | 32.01 | 3 | V | 115 | 1.08 | - |
| AV | 2.415G | 93.07 | Inf | -Inf | 32.10 | 3 | V | 115 | 1.08 | - |
| PK | 2.3898G | 62.06 | 74.00 | -11.94 | 32.01 | 3 | V | 115 | 1.08 | - |
| PK | 2.409G | 101.24 | Inf | -Inf | 32.08 | 3 | V | 115 | 1.08 | - |
| AV | 4.82402G | 40.27 | 54.00 | -13.73 | 6.82 | 3 | H | 161 | 1.01 | - |
| PK | 4.8241G | 52.87 | 74.00 | -21.13 | 6.82 | 3 | H | 161 | 1.01 | - |
| AV | 4.82196G | 35.90 | 54.00 | -18.10 | 6.82 | 3 | V | 315 | 2.17 | - |
| PK | 4.82128G | 48.11 | 74.00 | -25.89 | 6.82 | 3 | V | 315 | 2.17 | - |

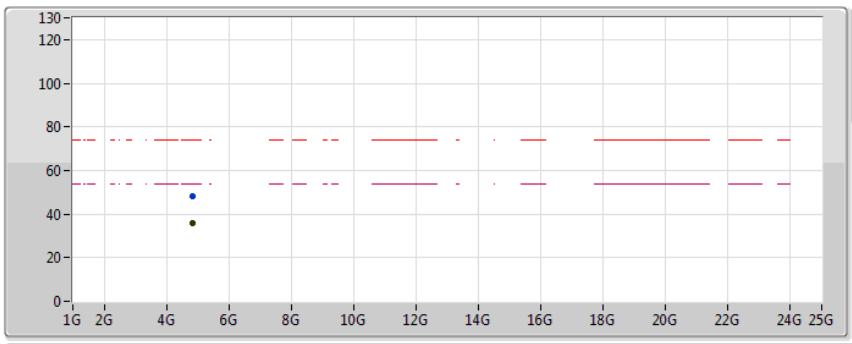
RE TX above 1GHz;Band:2.4G;HT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:2412MHz;TX




20161123
EUT Z_1TX(con1)_Dipole
Setting 41
05-W-3

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 2.3898G | 49.52 | 54.00 | -4.48 | 32.01 | 3 | V | 115 | 1.08 | - |
| AV | 2.415G | 93.07 | Inf | -Inf | 32.10 | 3 | V | 115 | 1.08 | - |
| PK | 2.3898G | 62.06 | 74.00 | -11.94 | 32.01 | 3 | V | 115 | 1.08 | - |
| PK | 2.409G | 101.24 | Inf | -Inf | 32.08 | 3 | V | 115 | 1.08 | - |

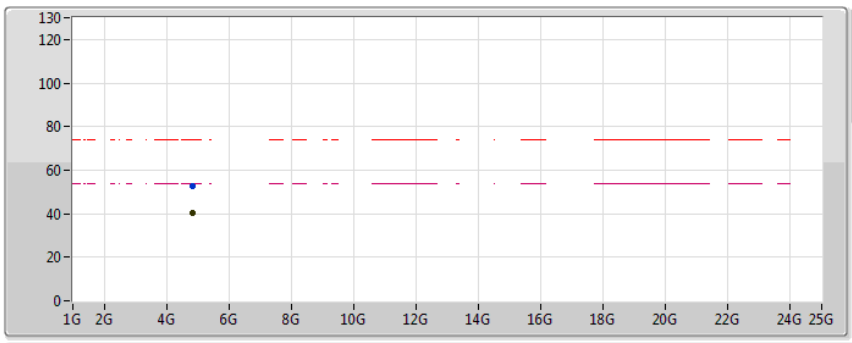
RE TX above 1GHz;Band:2.4G;HT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:2412MHz;TX




20161123
EUT Z_1TX(con1)_Dipole
Setting 41
05-W-3

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 4.82196G | 35.90 | 54.00 | -18.10 | 6.82 | 3 | V | 315 | 2.17 | - |
| PK | 4.82128G | 48.11 | 74.00 | -25.89 | 6.82 | 3 | V | 315 | 2.17 | - |

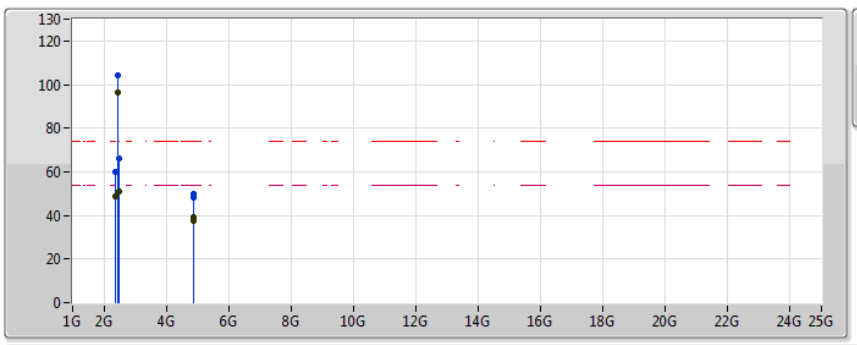
RE TX above 1GHz;Band:2.4G;HT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:2412MHz;TX




20161123
EUT Z_1TX(con1)_Dipole
Setting 41
05-W-3

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 4.82402G | 40.27 | 54.00 | -13.73 | 6.82 | 3 | H | 161 | 1.01 | - |
| PK | 4.8241G | 52.87 | 74.00 | -21.13 | 6.82 | 3 | H | 161 | 1.01 | - |

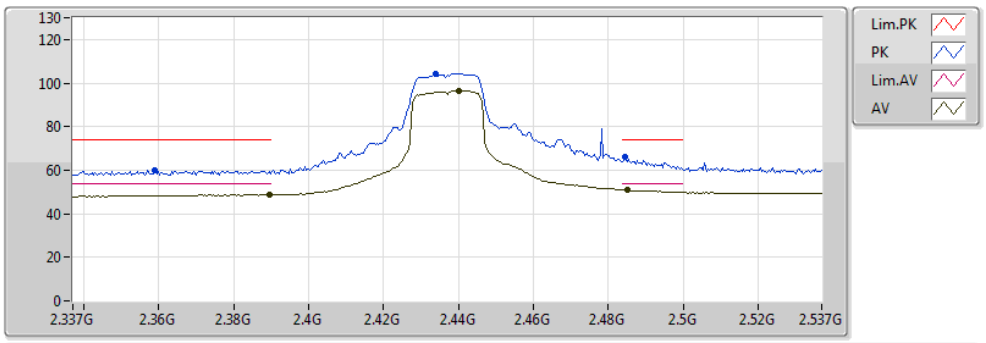
RE TX above 1GHz;Band:2.4G;HT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:2437MHz;TX




20161123
EUT Z_1TX(con1)_Dipole
Setting 46
05-W-3

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 2.3894G | 48.77 | 54.00 | -5.23 | 32.01 | 3 | V | 129 | 1.19 | - |
| AV | 2.4402G | 96.59 | Inf | -Inf | 32.19 | 3 | V | 129 | 1.19 | - |
| AV | 2.485G | 50.92 | 54.00 | -3.08 | 32.35 | 3 | V | 129 | 1.19 | - |
| PK | 2.359G | 60.11 | 74.00 | -13.89 | 31.90 | 3 | V | 129 | 1.19 | - |
| PK | 2.4338G | 104.30 | Inf | -Inf | 32.17 | 3 | V | 129 | 1.19 | - |
| PK | 2.4846G | 66.36 | 74.00 | -7.64 | 32.35 | 3 | V | 129 | 1.19 | - |
| AV | 4.87426G | 39.34 | 54.00 | -14.66 | 6.98 | 3 | H | 166 | 2.22 | - |
| PK | 4.87592G | 48.37 | 74.00 | -25.63 | 6.99 | 3 | H | 166 | 2.22 | - |
| AV | 4.87392G | 37.61 | 54.00 | -16.39 | 6.98 | 3 | V | 70 | 1.94 | - |
| PK | 4.87872G | 50.00 | 74.00 | -24.00 | 6.99 | 3 | V | 70 | 1.94 | - |

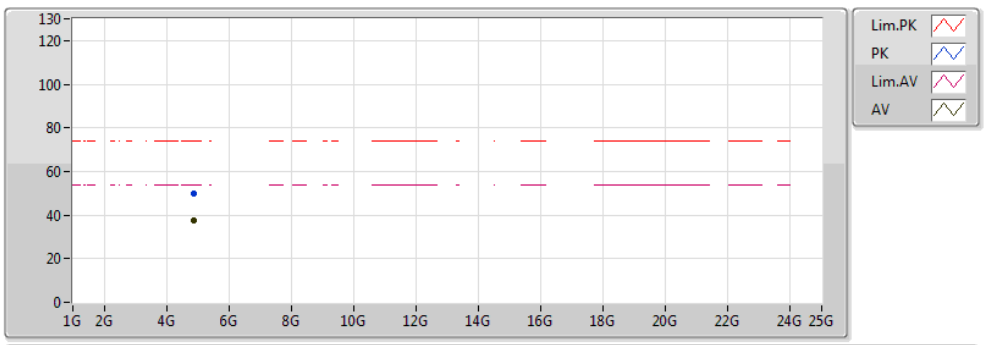
RE TX above 1GHz;Band:2.4G;HT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:2437MHz;TX




20161123
EUT Z_1TX(con1)_Dipole
Setting 46
05-W-3

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 2.3894G | 48.77 | 54.00 | -5.23 | 32.01 | 3 | V | 129 | 1.19 | - |
| AV | 2.4402G | 96.59 | Inf | -Inf | 32.19 | 3 | V | 129 | 1.19 | - |
| AV | 2.485G | 50.92 | 54.00 | -3.08 | 32.35 | 3 | V | 129 | 1.19 | - |
| PK | 2.359G | 60.11 | 74.00 | -13.89 | 31.90 | 3 | V | 129 | 1.19 | - |
| PK | 2.4338G | 104.30 | Inf | -Inf | 32.17 | 3 | V | 129 | 1.19 | - |
| PK | 2.4846G | 66.36 | 74.00 | -7.64 | 32.35 | 3 | V | 129 | 1.19 | - |

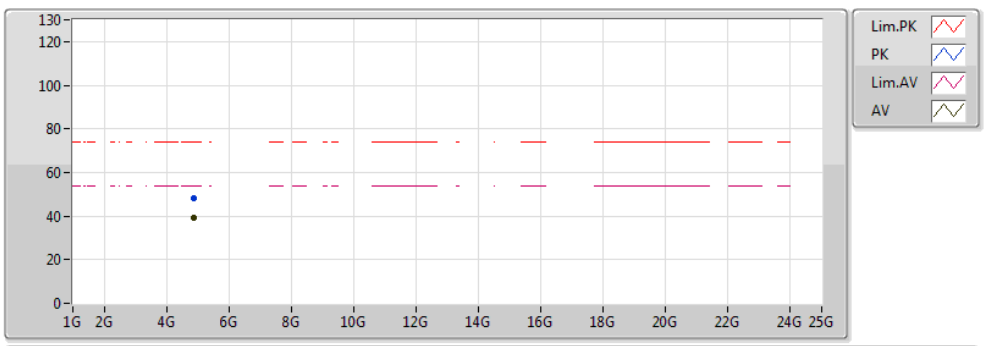
RE TX above 1GHz;Band:2.4G;HT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:2437MHz;TX




20161123
EUT Z_1TX(con1)_Dipole
Setting 46
05-W-3

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 4.87392G | 37.61 | 54.00 | -16.39 | 6.98 | 3 | V | 70 | 1.94 | - |
| PK | 4.87872G | 50.00 | 74.00 | -24.00 | 6.99 | 3 | V | 70 | 1.94 | - |

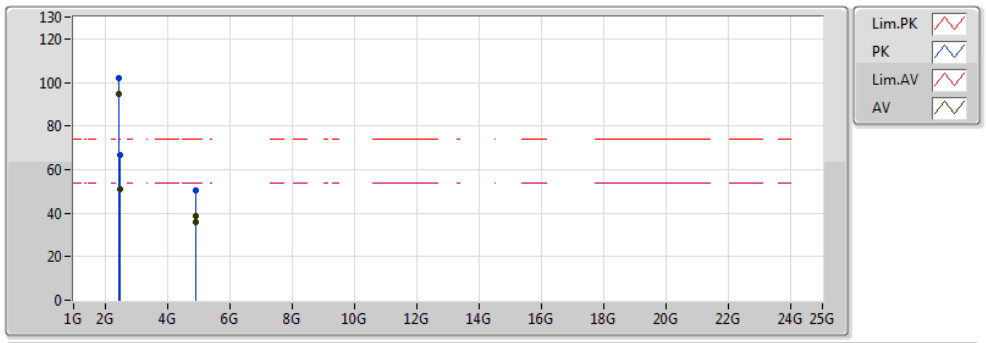
RE TX above 1GHz;Band:2.4G;HT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:2437MHz;TX




20161123
EUT Z_1TX(con1)_Dipole
Setting 46
05-W-3

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 4.87426G | 39.34 | 54.00 | -14.66 | 6.98 | 3 | H | 166 | 2.22 | - |
| PK | 4.87592G | 48.37 | 74.00 | -25.63 | 6.99 | 3 | H | 166 | 2.22 | - |

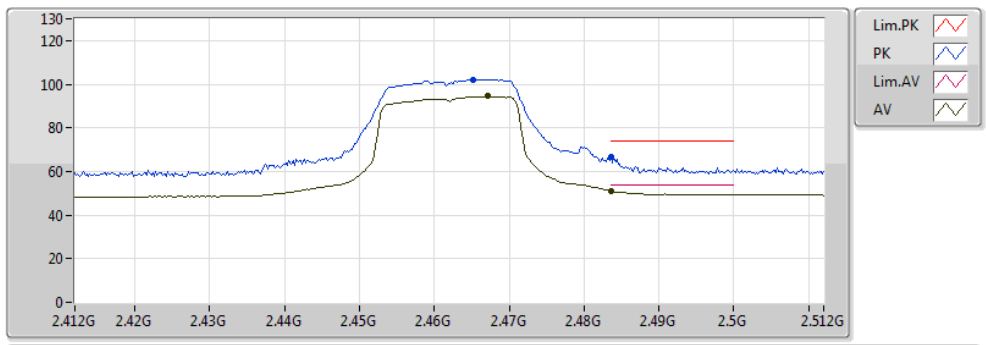
RE TX above 1GHz;Band:2.4G;HT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:2462MHz;TX




20161123
EUT Z_1TX(con1)_Dipole
Setting 39
05-W-3

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 2.4672G | 94.45 | Inf | -Inf | 32.29 | 3 | V | 77 | 1.38 | - |
| AV | 2.4836G | 50.91 | 54.00 | -3.09 | 32.34 | 3 | V | 77 | 1.38 | - |
| PK | 2.4652G | 102.20 | Inf | -Inf | 32.28 | 3 | V | 77 | 1.38 | - |
| PK | 2.4836G | 66.70 | 74.00 | -7.30 | 32.34 | 3 | V | 77 | 1.38 | - |
| AV | 4.92406G | 38.62 | 54.00 | -15.38 | 7.13 | 3 | H | 159 | 1.01 | - |
| PK | 4.92664G | 50.67 | 74.00 | -23.33 | 7.14 | 3 | H | 159 | 1.01 | - |
| AV | 4.92408G | 35.69 | 54.00 | -18.31 | 7.13 | 3 | V | 223 | 1.52 | - |
| PK | 4.92782G | 50.52 | 74.00 | -23.48 | 7.15 | 3 | V | 223 | 1.52 | - |

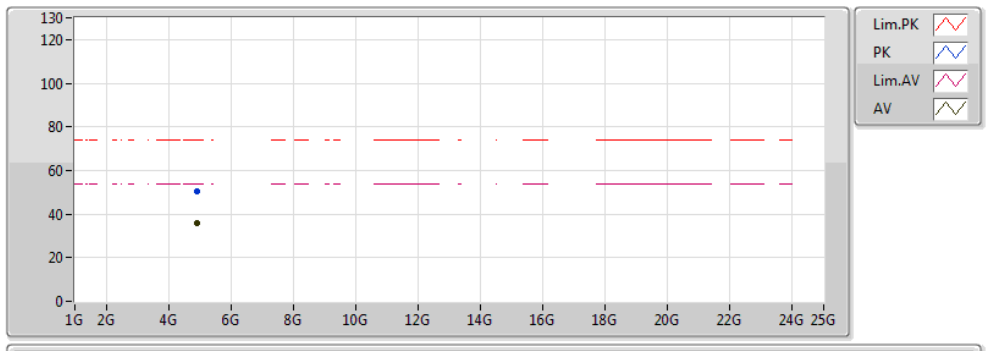
RE TX above 1GHz;Band:2.4G;HT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:2462MHz;TX




20161123
EUT Z_1TX(con1)_Dipole
Setting 39
05-W-3

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 2.4672G | 94.45 | Inf | -Inf | 32.29 | 3 | V | 77 | 1.38 | - |
| AV | 2.4836G | 50.91 | 54.00 | -3.09 | 32.34 | 3 | V | 77 | 1.38 | - |
| PK | 2.4652G | 102.20 | Inf | -Inf | 32.28 | 3 | V | 77 | 1.38 | - |
| PK | 2.4836G | 66.70 | 74.00 | -7.30 | 32.34 | 3 | V | 77 | 1.38 | - |

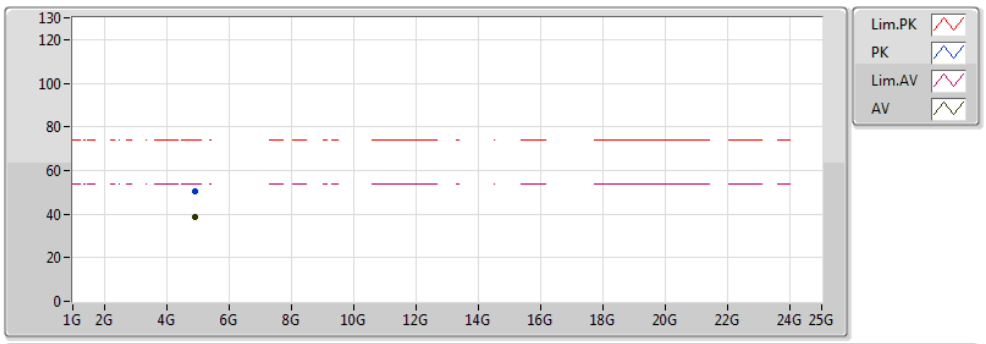
RE TX above 1GHz;Band:2.4G;HT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:2462MHz;TX




20161123
EUT Z_1TX(con1)_Dipole
Setting 39
05-W-3

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 4.92408G | 35.69 | 54.00 | -18.31 | 7.13 | 3 | V | 223 | 1.52 | - |
| PK | 4.92782G | 50.52 | 74.00 | -23.48 | 7.15 | 3 | V | 223 | 1.52 | - |

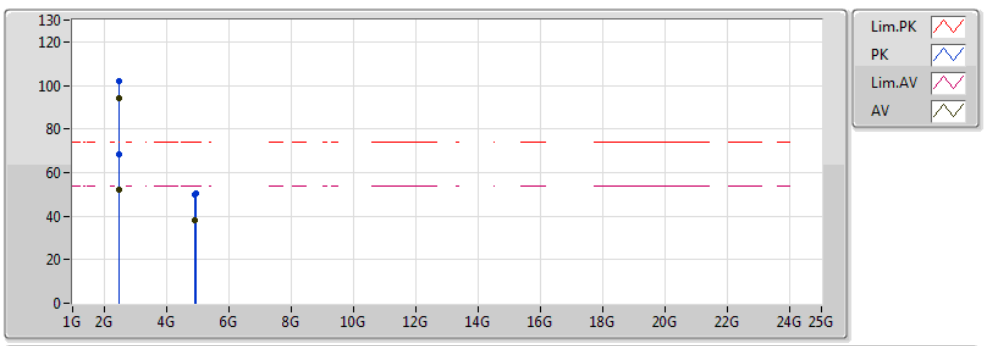
RE TX above 1GHz;Band:2.4G;HT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:2462MHz;TX




20161123
EUT Z_1TX(con1)_Dipole
Setting 39
05-W-3

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 4.92406G | 38.62 | 54.00 | -15.38 | 7.13 | 3 | H | 159 | 1.01 | - |
| PK | 4.92664G | 50.67 | 74.00 | -23.33 | 7.14 | 3 | H | 159 | 1.01 | - |

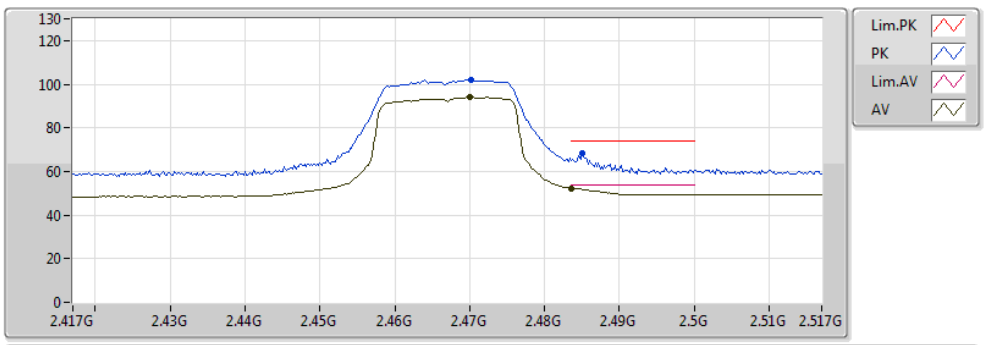
RE TX above 1GHz;Band:2.4G;HT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:2467MHz;TX




20161123
EUT Z_1TX(con1)_Dipole
Setting 37
05-W-3

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 2.47G | 94.06 | Inf | -Inf | 32.30 | 3 | V | 76 | 1.39 | - |
| AV | 2.4836G | 52.33 | 54.00 | -1.67 | 32.34 | 3 | V | 76 | 1.39 | - |
| PK | 2.4702G | 101.87 | Inf | -Inf | 32.30 | 3 | V | 76 | 1.39 | - |
| PK | 2.485G | 68.14 | 74.00 | -5.86 | 32.35 | 3 | V | 76 | 1.39 | - |
| AV | 4.93404G | 38.03 | 54.00 | -15.97 | 7.17 | 3 | H | 168 | 1.02 | - |
| PK | 4.9358G | 50.19 | 74.00 | -23.81 | 7.17 | 3 | H | 168 | 1.02 | - |
| AV | 4.93406G | 37.95 | 54.00 | -16.05 | 7.17 | 3 | V | 132 | 2.12 | - |
| PK | 4.9345G | 49.71 | 74.00 | -24.29 | 7.17 | 3 | V | 132 | 2.12 | - |

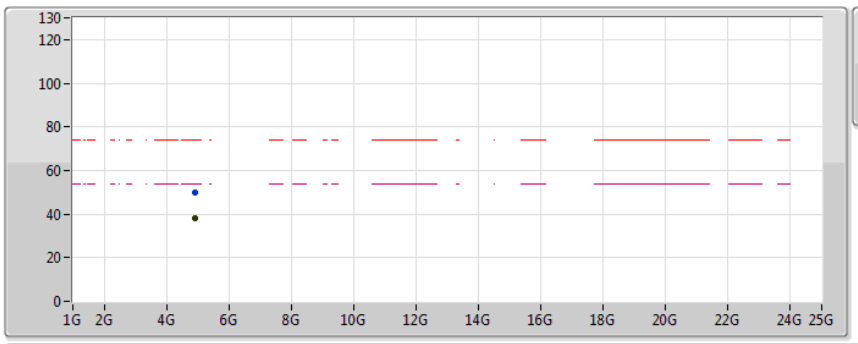
RE TX above 1GHz;Band:2.4G;HT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:2467MHz;TX




20161123
EUT Z_1TX(con1)_Dipole
Setting 37
05-W-3

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 2.47G | 94.06 | Inf | -Inf | 32.30 | 3 | V | 76 | 1.39 | - |
| AV | 2.4836G | 52.33 | 54.00 | -1.67 | 32.34 | 3 | V | 76 | 1.39 | - |
| PK | 2.4702G | 101.87 | Inf | -Inf | 32.30 | 3 | V | 76 | 1.39 | - |
| PK | 2.485G | 68.14 | 74.00 | -5.86 | 32.35 | 3 | V | 76 | 1.39 | - |

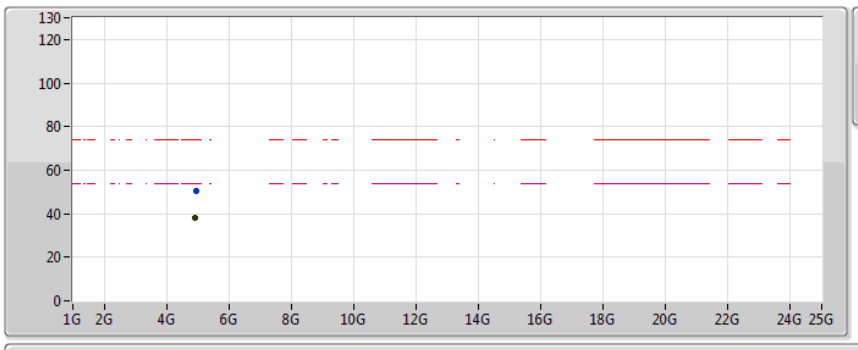
RE TX above 1GHz;Band:2.4G;HT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:2467MHz;TX




20161123
EUT Z_1TX(con1)_Dipole
Setting 37
05-W-3

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 4.93406G | 37.95 | 54.00 | -16.05 | 7.17 | 3 | V | 132 | 2.12 | - |
| PK | 4.9345G | 49.71 | 74.00 | -24.29 | 7.17 | 3 | V | 132 | 2.12 | - |

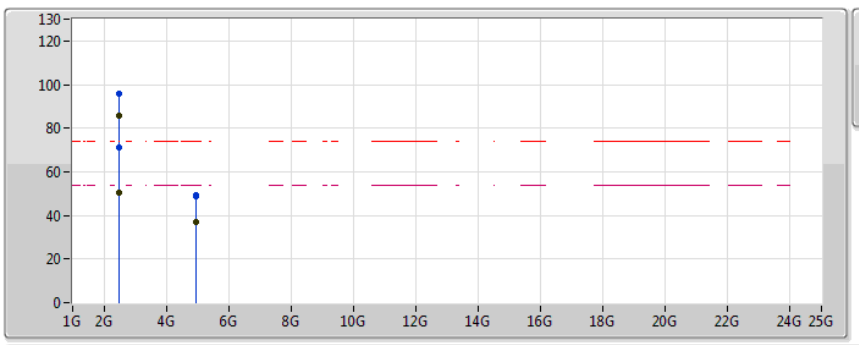
RE TX above 1GHz;Band:2.4G;HT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:2467MHz;TX




20161123
EUT Z_1TX(con1)_Dipole
Setting 37
05-W-3

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 4.93404G | 38.03 | 54.00 | -15.97 | 7.17 | 3 | H | 168 | 1.02 | - |
| PK | 4.9358G | 50.19 | 74.00 | -23.81 | 7.17 | 3 | H | 168 | 1.02 | - |

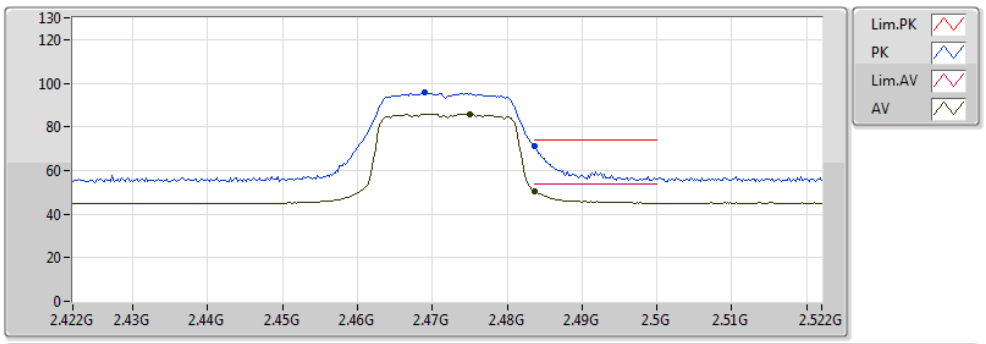
RE TX above 1GHz;Band:2.4G;HT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:2472MHz;TX




20161128
EUT Z_1TX(con1)_Dipole
Setting 28
04-J-4

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 2.475G | 85.95 | Inf | -Inf | 32.77 | 3 | V | 308 | 1.50 | - |
| AV | 2.4836G | 50.60 | 54.00 | -3.40 | 32.78 | 3 | V | 308 | 1.50 | - |
| PK | 2.469G | 95.99 | Inf | -Inf | 32.76 | 3 | V | 308 | 1.50 | - |
| PK | 2.4836G | 71.33 | 74.00 | -2.67 | 32.78 | 3 | V | 308 | 1.50 | - |
| AV | 4.9409G | 36.88 | 54.00 | -17.12 | 3.38 | 3 | V | 327 | 98 | - |
| AV | 4.94816G | 37.22 | 54.00 | -16.78 | 3.40 | 3 | V | 103 | 129 | - |
| PK | 4.94452G | 48.92 | 74.00 | -25.08 | 3.39 | 3 | V | 103 | 129 | - |
| PK | 4.9456G | 49.56 | 74.00 | -24.44 | 3.40 | 3 | V | 327 | 98 | - |

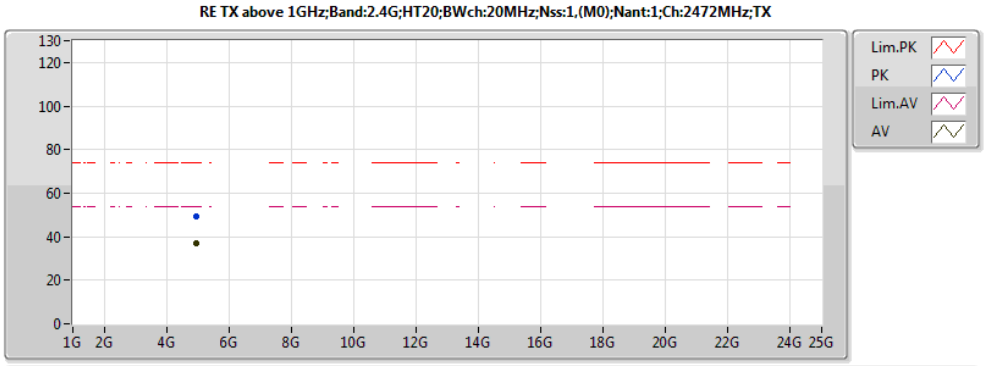
RE TX above 1GHz;Band:2.4G;HT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:2472MHz;TX




20161128
EUT Z_1TX(con1)_Dipole
Setting 28
04-J-4

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 2.475G | 85.95 | Inf | -Inf | 32.77 | 3 | V | 308 | 1.50 | - |
| AV | 2.4836G | 50.60 | 54.00 | -3.40 | 32.78 | 3 | V | 308 | 1.50 | - |
| PK | 2.469G | 95.99 | Inf | -Inf | 32.76 | 3 | V | 308 | 1.50 | - |
| PK | 2.4836G | 71.33 | 74.00 | -2.67 | 32.78 | 3 | V | 308 | 1.50 | - |

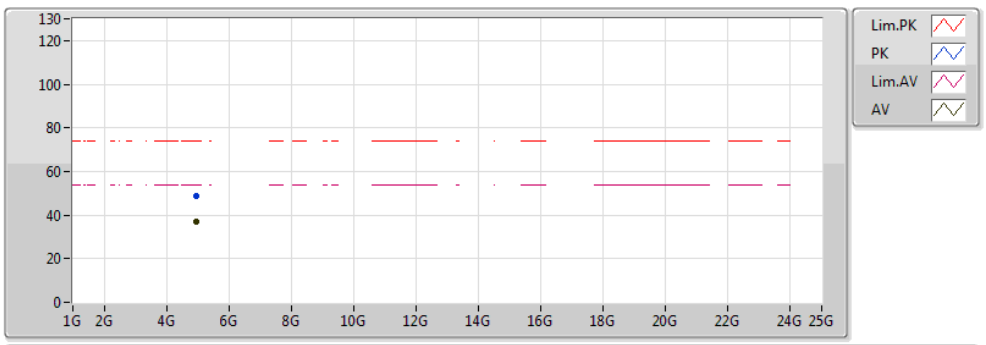
RE TX above 1GHz;Band:2.4G;HT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:2472MHz;TX




20161128
EUT Z_1TX(con1)_Dipole
Setting 28
04-J-4

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 4.9409G | 36.88 | 54.00 | -17.12 | 3.38 | 3 | V | 327 | 98 | - |
| PK | 4.9456G | 49.56 | 74.00 | -24.44 | 3.40 | 3 | V | 327 | 98 | - |

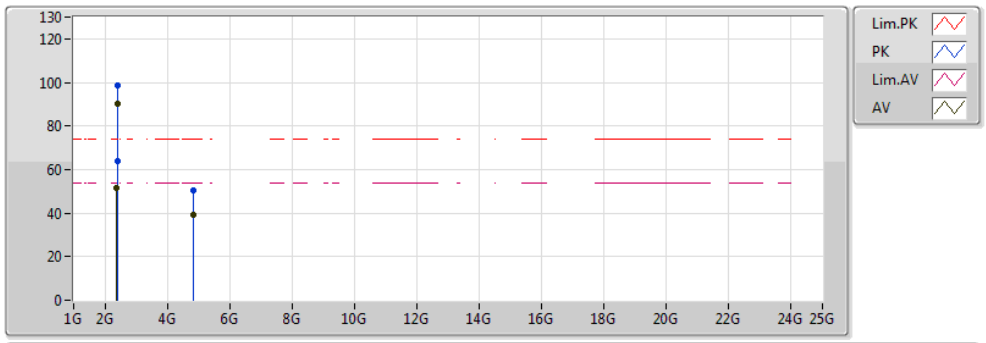
RE TX above 1GHz;Band:2.4G;HT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:2472MHz;TX




20161128
EUT Z_1TX(con1)_Dipole
Setting 28
04-J-4

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 4.94816G | 37.22 | 54.00 | -16.78 | 3.40 | 3 | V | 103 | 129 | - |
| PK | 4.94452G | 48.92 | 74.00 | -25.08 | 3.39 | 3 | V | 103 | 129 | - |

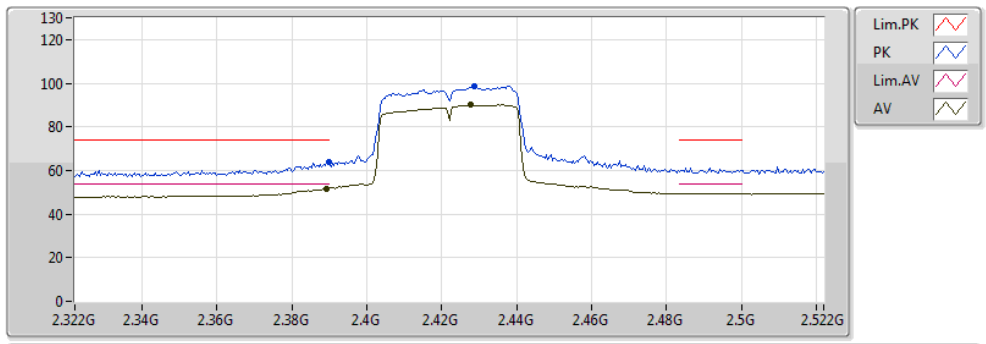
RE TX above 1GHz;Band:2.4G;HT40;BWch:40MHz;Nss:1,(M0);Nant:1;Ch:2422MHz;TX




20161123
EUT Z_1TX(con1)_Dipole
Setting 41
05-W-3

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 2.3892G | 51.66 | 54.00 | -2.34 | 32.01 | 3 | V | 129 | 1.21 | - |
| AV | 2.4276G | 89.98 | Inf | -Inf | 32.15 | 3 | V | 129 | 1.21 | - |
| PK | 2.39G | 63.73 | 74.00 | -10.27 | 32.01 | 3 | V | 129 | 1.21 | - |
| PK | 2.4288G | 98.90 | Inf | -Inf | 32.15 | 3 | V | 129 | 1.21 | - |
| AV | 4.84398G | 39.31 | 54.00 | -14.69 | 6.89 | 3 | H | 160 | 1.01 | - |
| PK | 4.84068G | 50.21 | 74.00 | -23.79 | 6.88 | 3 | H | 160 | 1.01 | - |
| AV | 4.84396G | 39.18 | 54.00 | -14.82 | 6.89 | 3 | V | 283 | 1.60 | - |
| PK | 4.84374G | 50.71 | 74.00 | -23.29 | 6.89 | 3 | V | 283 | 1.60 | - |

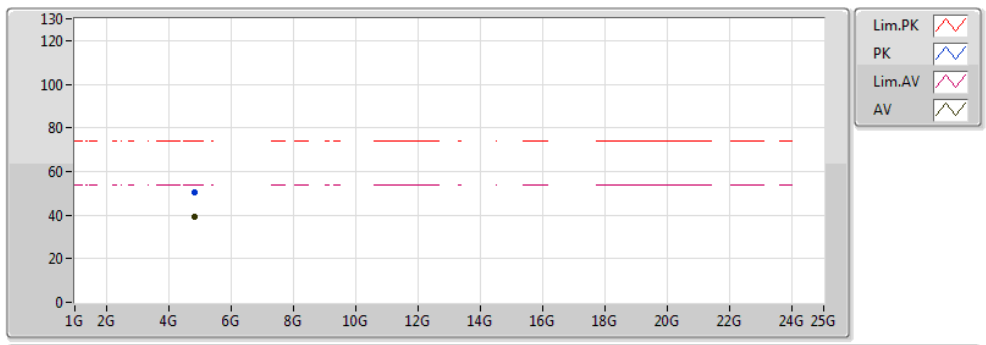
RE TX above 1GHz;Band:2.4G;HT40;BWch:40MHz;Nss:1,(M0);Nant:1;Ch:2422MHz;TX




20161123
EUT Z_1TX(con1)_Dipole
Setting 41
05-W-3

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 2.3892G | 51.66 | 54.00 | -2.34 | 32.01 | 3 | V | 129 | 1.21 | - |
| AV | 2.4276G | 89.98 | Inf | -Inf | 32.15 | 3 | V | 129 | 1.21 | - |
| PK | 2.39G | 63.73 | 74.00 | -10.27 | 32.01 | 3 | V | 129 | 1.21 | - |
| PK | 2.4288G | 98.90 | Inf | -Inf | 32.15 | 3 | V | 129 | 1.21 | - |

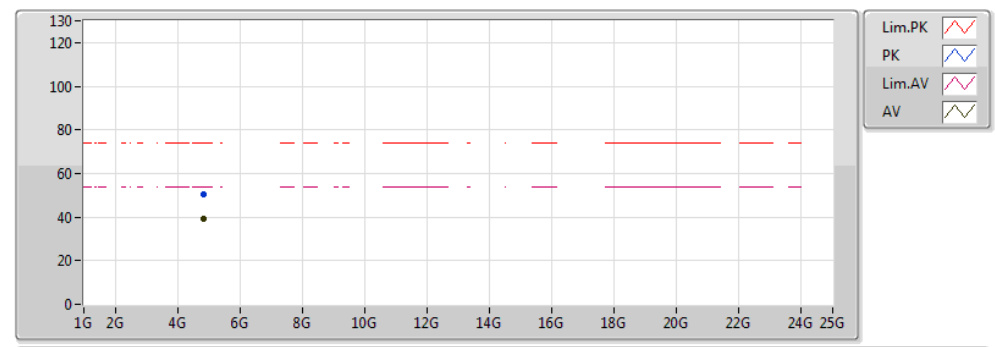
RE TX above 1GHz;Band:2.4G;HT40;BWch:40MHz;Nss:1,(M0);Nant:1;Ch:2422MHz;TX




20161123
EUT Z_1TX(con1)_Dipole
Setting 41
05-W-3

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 4.84396G | 39.18 | 54.00 | -14.82 | 6.89 | 3 | V | 283 | 1.60 | - |
| PK | 4.84374G | 50.71 | 74.00 | -23.29 | 6.89 | 3 | V | 283 | 1.60 | - |

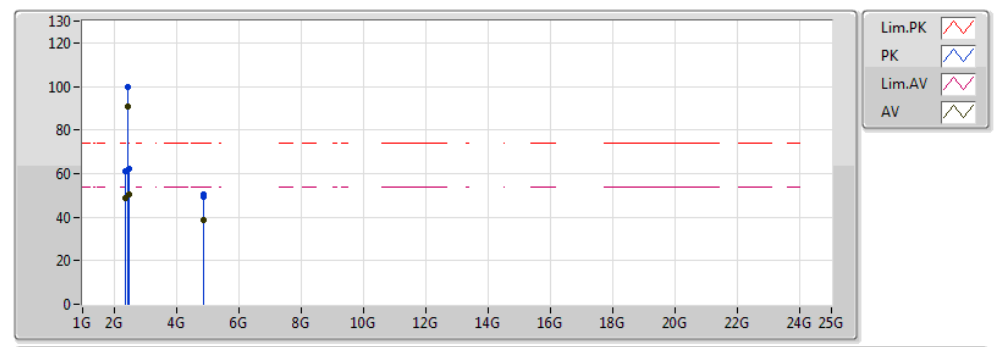
RE TX above 1GHz;Band:2.4G;HT40;BWch:40MHz;Nss:1,(M0);Nant:1;Ch:2422MHz;TX




20161123
EUT Z_1TX(con1)_Dipole
Setting 41
05-W-3

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 4.84398G | 39.31 | 54.00 | -14.69 | 6.89 | 3 | H | 160 | 1.01 | - |
| PK | 4.84068G | 50.21 | 74.00 | -23.79 | 6.88 | 3 | H | 160 | 1.01 | - |

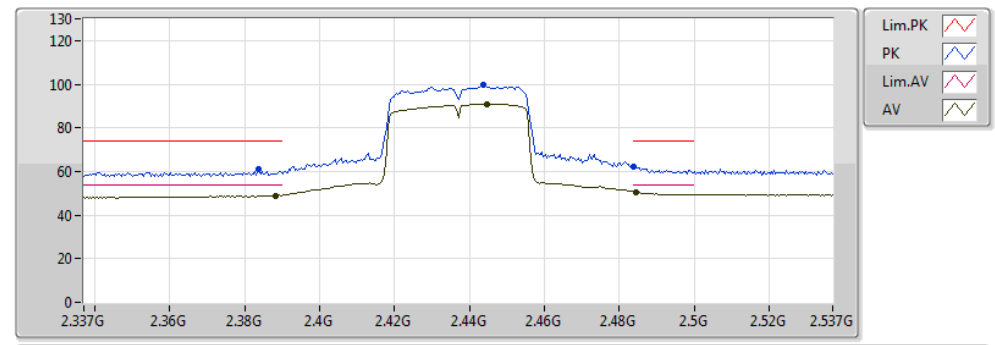
RE TX above 1GHz;Band:2.4G;HT40;BWch:40MHz;Nss:1,(M0);Nant:1;Ch:2437MHz;TX




20161123
EUT Z_1TX(con1)_Dipole
Setting 40
05-W-3

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 2.3882G | 49.03 | 54.00 | -4.97 | 32.01 | 3 | V | 71 | 1.00 | - |
| AV | 2.4446G | 90.98 | Inf | -Inf | 32.21 | 3 | V | 71 | 1.00 | - |
| AV | 2.4846G | 50.70 | 54.00 | -3.30 | 32.35 | 3 | V | 71 | 1.00 | - |
| PK | 2.3838G | 61.34 | 74.00 | -12.66 | 31.99 | 3 | V | 71 | 1.00 | - |
| PK | 2.4438G | 99.92 | Inf | -Inf | 32.20 | 3 | V | 71 | 1.00 | - |
| PK | 2.4838G | 62.19 | 74.00 | -11.81 | 32.34 | 3 | V | 71 | 1.00 | - |
| AV | 4.87412G | 38.70 | 54.00 | -15.30 | 6.98 | 3 | H | 162 | 1.02 | - |
| PK | 4.87364G | 50.45 | 74.00 | -23.55 | 6.98 | 3 | H | 162 | 1.02 | - |
| AV | 4.874G | 38.70 | 54.00 | -15.30 | 6.98 | 3 | V | 198 | 2.13 | - |
| PK | 4.87508G | 49.58 | 74.00 | -24.42 | 6.98 | 3 | V | 198 | 2.13 | - |

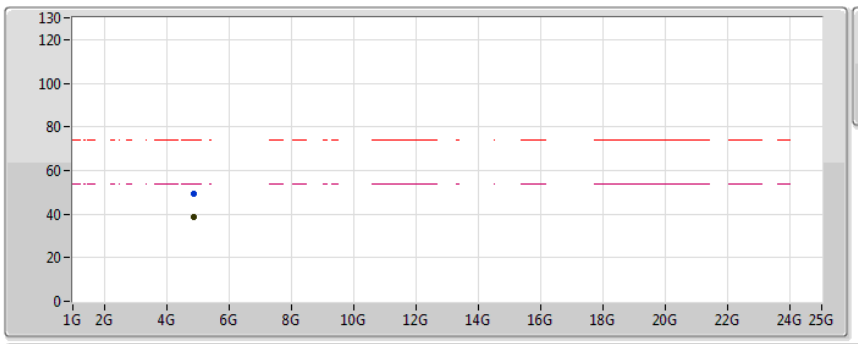
RE TX above 1GHz;Band:2.4G;HT40;BWch:40MHz;Nss:1,(M0);Nant:1;Ch:2437MHz;TX




20161123
EUT Z_1TX(con1)_Dipole
Setting 40
05-W-3

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 2.3882G | 49.03 | 54.00 | -4.97 | 32.01 | 3 | V | 71 | 1.00 | - |
| AV | 2.4446G | 90.98 | Inf | -Inf | 32.21 | 3 | V | 71 | 1.00 | - |
| AV | 2.4846G | 50.70 | 54.00 | -3.30 | 32.35 | 3 | V | 71 | 1.00 | - |
| PK | 2.3838G | 61.34 | 74.00 | -12.66 | 31.99 | 3 | V | 71 | 1.00 | - |
| PK | 2.4438G | 99.92 | Inf | -Inf | 32.20 | 3 | V | 71 | 1.00 | - |
| PK | 2.4838G | 62.19 | 74.00 | -11.81 | 32.34 | 3 | V | 71 | 1.00 | - |

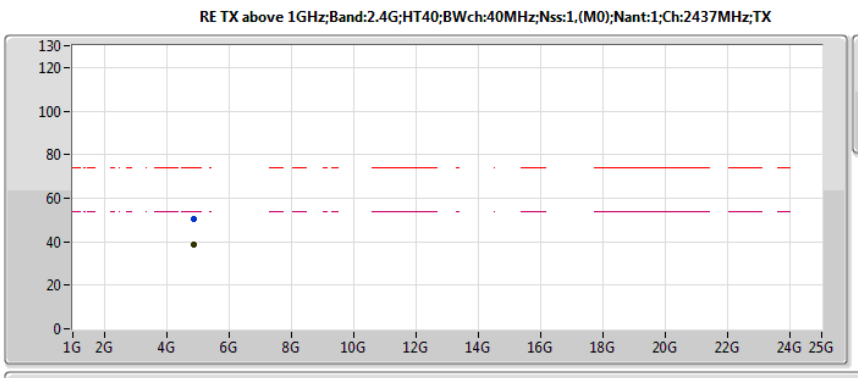
RE TX above 1GHz;Band:2.4G;HT40;BWch:40MHz;Nss:1,(M0);Nant:1;Ch:2437MHz;TX




20161123
EUT Z_1TX(con1)_Dipole
Setting 40
05-W-3

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 4.874G | 38.70 | 54.00 | -15.30 | 6.98 | 3 | V | 198 | 2.13 | - |
| PK | 4.87508G | 49.58 | 74.00 | -24.42 | 6.98 | 3 | V | 198 | 2.13 | - |

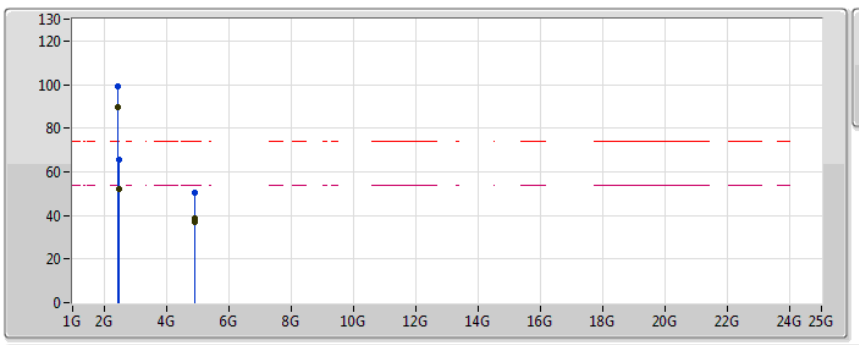
RE TX above 1GHz;Band:2.4G;HT40;BWch:40MHz;Nss:1,(M0);Nant:1;Ch:2437MHz;TX




20161123
EUT Z_1TX(con1)_Dipole
Setting 40
05-W-3

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 4.87412G | 38.70 | 54.00 | -15.30 | 6.98 | 3 | H | 162 | 1.02 | - |
| PK | 4.87364G | 50.45 | 74.00 | -23.55 | 6.98 | 3 | H | 162 | 1.02 | - |

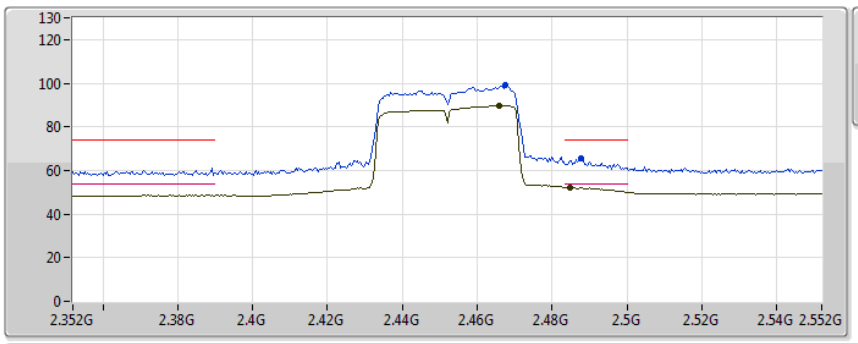
RE TX above 1GHz;Band:2.4G;HT40;BWch:40MHz;Nss:1,(M0);Nant:1;Ch:2452MHz;TX




20161123
EUT Z_1TX(con1)_Dipole
Setting 40
05-W-3

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 2.466G | 89.86 | Inf | -Inf | 32.28 | 3 | V | 77 | 1.37 | - |
| AV | 2.4848G | 52.17 | 54.00 | -1.83 | 32.35 | 3 | V | 77 | 1.37 | - |
| PK | 2.4676G | 98.98 | Inf | -Inf | 32.29 | 3 | V | 77 | 1.37 | - |
| PK | 2.4876G | 65.38 | 74.00 | -8.62 | 32.36 | 3 | V | 77 | 1.37 | - |
| AV | 4.90404G | 38.71 | 54.00 | -15.29 | 7.07 | 3 | H | 165 | 1.01 | - |
| PK | 4.90374G | 50.53 | 74.00 | -23.47 | 7.07 | 3 | H | 165 | 1.01 | - |
| AV | 4.90406G | 36.78 | 54.00 | -17.22 | 7.07 | 3 | V | 242 | 2.41 | - |
| PK | 4.9039G | 50.59 | 74.00 | -23.41 | 7.07 | 3 | V | 242 | 2.41 | - |

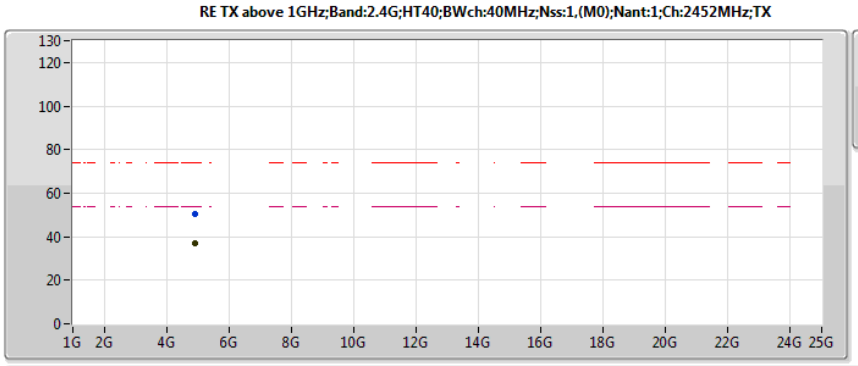
RE TX above 1GHz;Band:2.4G;HT40;BWch:40MHz;Nss:1,(M0);Nant:1;Ch:2452MHz;TX




20161123
EUT Z_1TX(con1)_Dipole
Setting 40
05-W-3

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 2.466G | 89.86 | Inf | -Inf | 32.28 | 3 | V | 77 | 1.37 | - |
| AV | 2.4848G | 52.17 | 54.00 | -1.83 | 32.35 | 3 | V | 77 | 1.37 | - |
| PK | 2.4676G | 98.98 | Inf | -Inf | 32.29 | 3 | V | 77 | 1.37 | - |
| PK | 2.4876G | 65.38 | 74.00 | -8.62 | 32.36 | 3 | V | 77 | 1.37 | - |

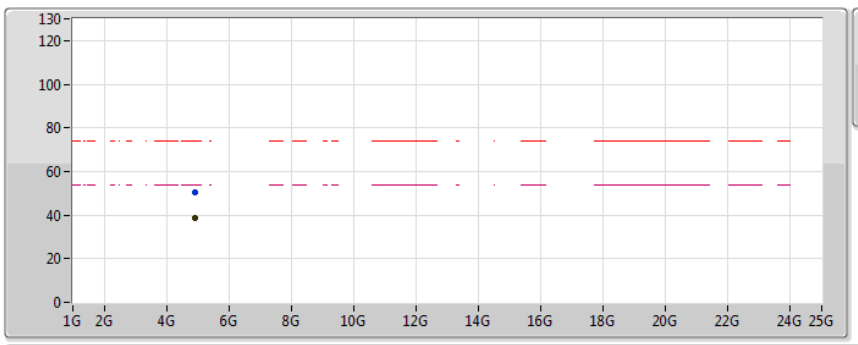
RE TX above 1GHz;Band:2.4G;HT40;BWch:40MHz;Nss:1,(M0);Nant:1;Ch:2452MHz;TX




20161123
EUT Z_1TX(con1)_Dipole
Setting 40
05-W-3

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 4.90406G | 36.78 | 54.00 | -17.22 | 7.07 | 3 | V | 242 | 2.41 | - |
| PK | 4.9039G | 50.59 | 74.00 | -23.41 | 7.07 | 3 | V | 242 | 2.41 | - |

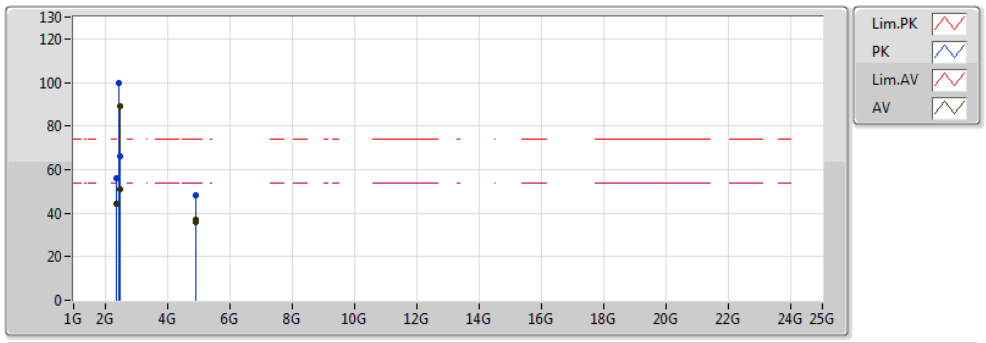
RE TX above 1GHz;Band:2.4G;HT40;BWch:40MHz;Nss:1,(M0);Nant:1;Ch:2452MHz;TX




20161123
EUT Z_1TX(con1)_Dipole
Setting 40
05-W-3

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 4.90404G | 38.71 | 54.00 | -15.29 | 7.07 | 3 | H | 165 | 1.01 | - |
| PK | 4.90374G | 50.53 | 74.00 | -23.47 | 7.07 | 3 | H | 165 | 1.01 | - |

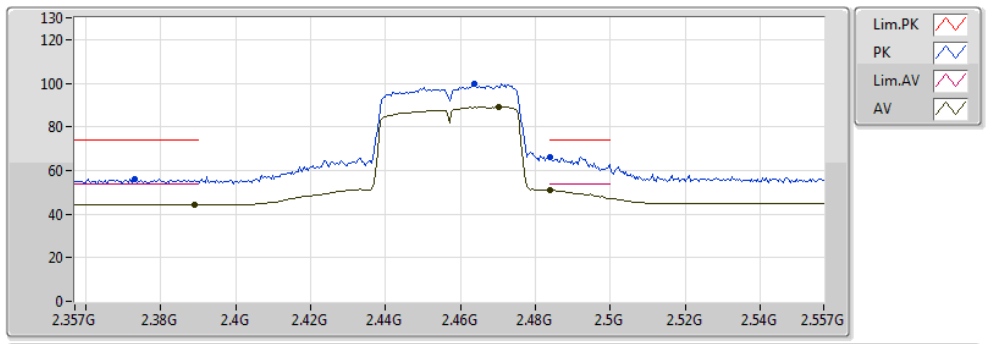
RE TX above 1GHz;Band:2.4G;HT40;BWch:40MHz;Nss:1,(M0);Nant:1;Ch:2457MHz;TX




20161123
EUT Z_1TX(con1)_Dipole
Setting 38
05-W-3

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 2.389G | 44.39 | 54.00 | -9.61 | 32.67 | 3 | V | 304 | 1.00 | - |
| AV | 2.4702G | 89.10 | Inf | -Inf | 32.76 | 3 | V | 304 | 1.00 | - |
| AV | 2.4838G | 51.11 | 54.00 | -2.89 | 32.78 | 3 | V | 304 | 1.00 | - |
| PK | 2.373G | 56.05 | 74.00 | -17.95 | 32.66 | 3 | V | 304 | 1.00 | - |
| PK | 2.4638G | 99.56 | Inf | -Inf | 32.75 | 3 | V | 304 | 1.00 | - |
| PK | 2.4838G | 66.12 | 74.00 | -7.88 | 32.78 | 3 | V | 304 | 1.00 | - |
| AV | 4.91532G | 36.98 | 54.00 | -17.02 | 7.11 | 3 | H | 114 | 1.13 | - |
| PK | 4.91318G | 48.03 | 74.00 | -25.97 | 7.10 | 3 | H | 114 | 1.13 | - |
| AV | 4.91408G | 36.07 | 54.00 | -17.93 | 7.10 | 3 | V | 157 | 1.23 | - |
| PK | 4.91426G | 48.18 | 74.00 | -25.82 | 7.10 | 3 | V | 157 | 1.23 | - |

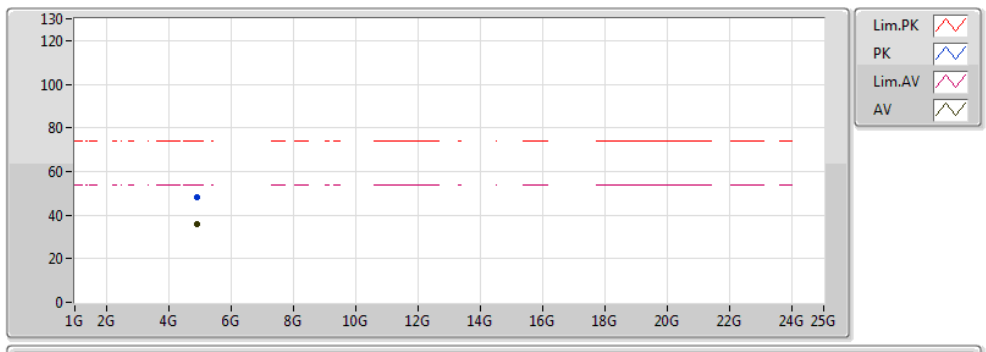
RE TX above 1GHz;Band:2.4G;HT40;BWch:40MHz;Nss:1,(M0);Nant:1;Ch:2457MHz;TX




20161123
EUT Z_1TX(con1)_Dipole
Setting 38
05-W-3

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 2.389G | 44.39 | 54.00 | -9.61 | 32.67 | 3 | V | 304 | 1.00 | - |
| AV | 2.4702G | 89.10 | Inf | -Inf | 32.76 | 3 | V | 304 | 1.00 | - |
| AV | 2.4838G | 51.11 | 54.00 | -2.89 | 32.78 | 3 | V | 304 | 1.00 | - |
| PK | 2.373G | 56.05 | 74.00 | -17.95 | 32.66 | 3 | V | 304 | 1.00 | - |
| PK | 2.4638G | 99.56 | Inf | -Inf | 32.75 | 3 | V | 304 | 1.00 | - |
| PK | 2.4838G | 66.12 | 74.00 | -7.88 | 32.78 | 3 | V | 304 | 1.00 | - |

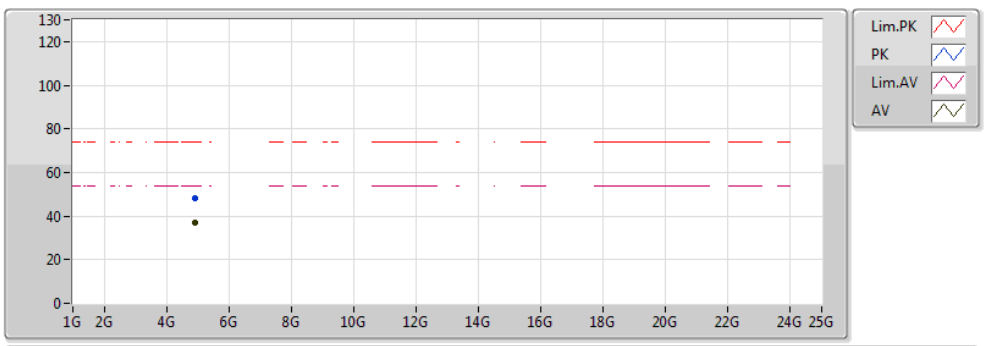
RE TX above 1GHz;Band:2.4G;HT40;BWch:40MHz;Nss:1,(M0);Nant:1;Ch:2457MHz;TX




20161123
EUT Z_1TX(con1)_Dipole
Setting 38
05-W-3

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 4.91408G | 36.07 | 54.00 | -17.93 | 7.10 | 3 | V | 157 | 1.23 | - |
| PK | 4.91426G | 48.18 | 74.00 | -25.82 | 7.10 | 3 | V | 157 | 1.23 | - |

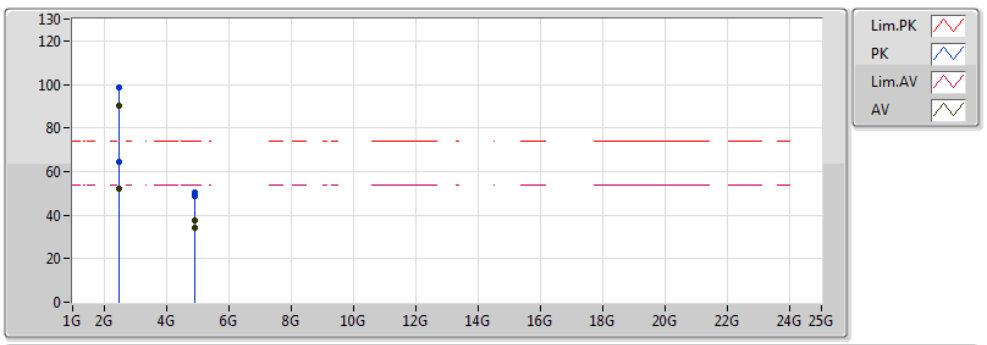
RE TX above 1GHz;Band:2.4G;HT40;BWch:40MHz;Nss:1,(M0);Nant:1;Ch:2457MHz;TX




20161123
EUT Z_1TX(con1)_Dipole
Setting 38
05-W-3

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 4.91532G | 36.98 | 54.00 | -17.02 | 7.11 | 3 | H | 114 | 1.13 | - |
| PK | 4.91318G | 48.03 | 74.00 | -25.97 | 7.10 | 3 | H | 114 | 1.13 | - |

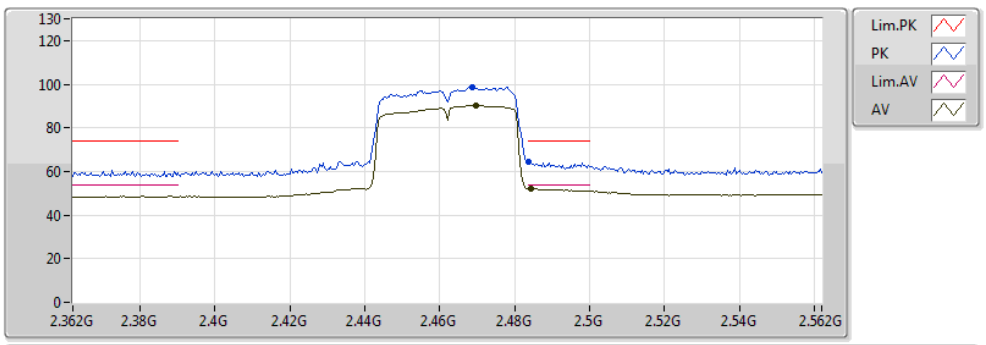
RE TX above 1GHz;Band:2.4G;HT40;BWch:40MHz;Nss:1,(M0);Nant:1;Ch:2462MHz;TX




20161123
EUT Z_1TX(con1)_Dipole
Setting 36
05-W-3

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 2.4696G | 90.04 | Inf | -Inf | 32.29 | 3 | V | 74 | 1.37 | - |
| AV | 2.4844G | 52.16 | 54.00 | -1.84 | 32.35 | 3 | V | 74 | 1.37 | - |
| PK | 2.4688G | 98.86 | Inf | -Inf | 32.29 | 3 | V | 74 | 1.37 | - |
| PK | 2.4836G | 64.42 | 74.00 | -9.58 | 32.34 | 3 | V | 74 | 1.37 | - |
| AV | 4.92418G | 37.39 | 54.00 | -16.61 | 7.13 | 3 | H | 161 | 1.08 | - |
| PK | 4.92788G | 48.72 | 74.00 | -25.28 | 7.15 | 3 | H | 161 | 1.08 | - |
| AV | 4.92402G | 34.39 | 54.00 | -19.61 | 7.13 | 3 | V | 152 | 1.57 | - |
| PK | 4.92692G | 50.23 | 74.00 | -23.77 | 7.14 | 3 | V | 152 | 1.57 | - |

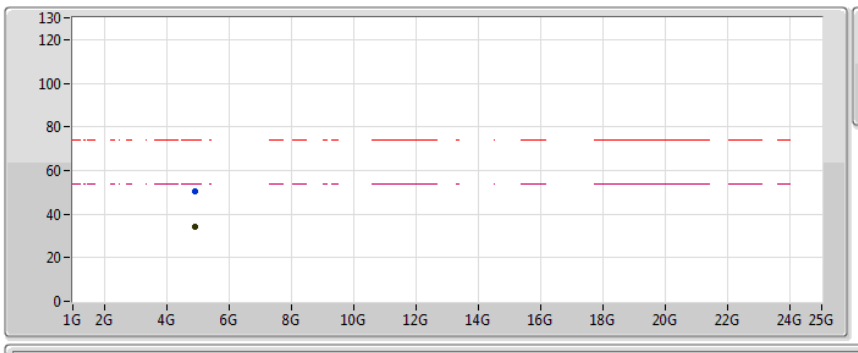
RE TX above 1GHz;Band:2.4G;HT40;BWch:40MHz;Nss:1,(M0);Nant:1;Ch:2462MHz;TX




20161123
EUT Z_1TX(con1)_Dipole
Setting 36
05-W-3

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 2.4696G | 90.04 | Inf | -Inf | 32.29 | 3 | V | 74 | 1.37 | - |
| AV | 2.4844G | 52.16 | 54.00 | -1.84 | 32.35 | 3 | V | 74 | 1.37 | - |
| PK | 2.4688G | 98.86 | Inf | -Inf | 32.29 | 3 | V | 74 | 1.37 | - |
| PK | 2.4836G | 64.42 | 74.00 | -9.58 | 32.34 | 3 | V | 74 | 1.37 | - |

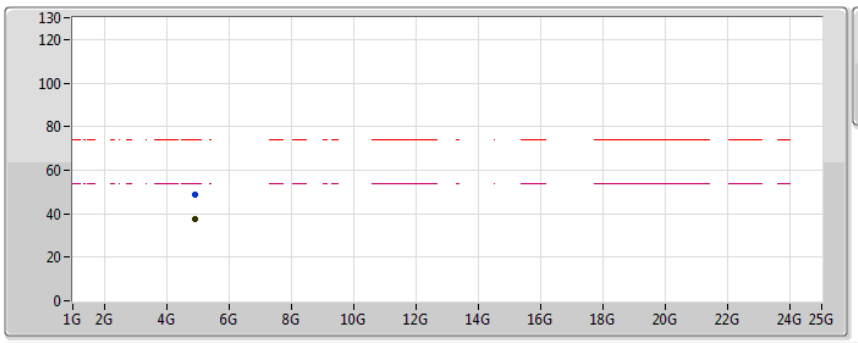
RE TX above 1GHz;Band:2.4G;HT40;BWch:40MHz;Nss:1,(M0);Nant:1;Ch:2462MHz;TX




20161123
EUT Z_1TX(con1)_Dipole
Setting 36
05-W-3

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 4.92402G | 34.39 | 54.00 | -19.61 | 7.13 | 3 | V | 152 | 1.57 | - |
| PK | 4.92692G | 50.23 | 74.00 | -23.77 | 7.14 | 3 | V | 152 | 1.57 | - |

RE TX above 1GHz;Band:2.4G;HT40;BWch:40MHz;Nss:1,(M0);Nant:1;Ch:2462MHz;TX




20161123
EUT Z_1TX(con1)_Dipole
Setting 36
05-W-3

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 4.92418G | 37.39 | 54.00 | -16.61 | 7.13 | 3 | H | 161 | 1.08 | - |
| PK | 4.92788G | 48.72 | 74.00 | -25.28 | 7.15 | 3 | H | 161 | 1.08 | - |