# FCC Test Report

| | | |
|---|---|---|
| Equipment | : | 802.11a/b/g/n/ac RTL8821CE Combo module |
| Brand Name | : | REALTEK |
| Model No. | : | RTL8821CE |
| FCC ID | : | TX2-RTL8821CE |
| Standard | : | 47 CFR FCC Part 15.407 |
| Operating Band | : | 5150 MHz – 5250 MHz<br>5250 MHz – 5350 MHz<br>5470 MHz – 5725 MHz<br>5725 MHz – 5850 MHz |
| 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 |
| Function | : | ☐ Outdoor; ☐ Indoor; ☐ Fixed P2P<br>☒ Client |
| TPC Function | : | TPC |

The product sample received on Sep. 30, 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

# Table of Contents

# Summary of Test Result

| Conformance Test Specifications | | | |
|---|---|---|---|
| **Report Clause** | **Ref. Std. Clause** | **Description** | **Result** |
| 1.1.2 | 15.203 | Antenna Requirement | Complied |
| 3.1 | 15.207 | AC Power-line Conducted Emissions | Complied |
| 3.2 | 15.407(a) | Emission Bandwidth | Complied |
| 3.3 | 15.407(a) | Maximum Conducted Output Power | Complied |
| 3.4 | 15.407(a) | Peak Power Spectral Density | Complied |
| 3.5 | 15.407(b) | Unwanted Emissions | Complied |
| 3.6 | 15.407(g) | Frequency Stability | Complied |

# Revision History

| Report No. | Version | Description | Issued Date |
|---|---|---|---|
| FR692918AB | Rev. 01 | Initial issue of report | Dec. 08, 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 |
|---|---|---|---|
| 5150-5250 | a, n (HT20), ac (VHT20) | 5180-5240 | 36-48 [4] |
| 5250-5350 | | 5260-5320 | 52-64 [4] |
| 5470-5725 | | 5500-5720 | 100-144 [12] |
| 5725-5850 | | 5745-5825 | 149-165 [5] |
| 5150-5250 | n (HT40), ac (VHT40) | 5190-5230 | 38-46 [2] |
| 5250-5350 | | 5270-5310 | 54-62 [2] |
| 5470-5725 | | 5510-5710 | 102-142 [6] |
| 5725-5850 | | 5755-5795 | 151-159 [2] |
| 5150-5250 | ac (VHT80) | 5210 | 42 [1] |
| 5250-5350 | | 5290 | 58 [1] |
| 5470-5725 | | 5530-5690 | 106-138 [3] |
| 5725-5850 | | 5775 | 155 [1] |

| Band | Mode | BWch (MHz) | Nant |
|---|---|---|---|
| 5.2G | 11a | 20 | 1 |
| 5.2G | HT20 | 20 | 1 |
| 5.2G | VHT20 | 20 | 1 |
| 5.2G | HT40 | 40 | 1 |
| 5.2G | VHT40 | 40 | 1 |
| 5.2G | VHT80 | 80 | 1 |
| 5.3G | 11a | 20 | 1 |
| 5.3G | HT20 | 20 | 1 |
| 5.3G | VHT20 | 20 | 1 |
| 5.3G | HT40 | 40 | 1 |
| 5.3G | VHT40 | 40 | 1 |
| 5.3G | VHT80 | 80 | 1 |
| 5.6G | 11a | 20 | 1 |
| 5.6G | HT20 | 20 | 1 |
| 5.6G | VHT20 | 20 | 1 |
| 5.6G | HT40 | 40 | 1 |
| 5.6G | VHT40 | 40 | 1 |

| Band | Mode | BWch (MHz) | Nant |
|---|---|---|---|
| 5.6G | VHT80 | 80 | 1 |
| 5.8G | 11a | 20 | 1 |
| 5.8G | HT20 | 20 | 1 |
| 5.8G | VHT20 | 20 | 1 |
| 5.8G | HT40 | 40 | 1 |
| 5.8G | VHT40 | 40 | 1 |
| 5.8G | VHT80 | 80 | 1 |

Note:
- 5.2G/5.2G-I(IC) is the 5.2GHz Band (5.15-5.25GHz).
- 5.3G/5.3G-I(IC) is the 5.3GHz Band (5.25-5.35GHz).
- 5.6G is the 5.6GHz Band (5.47-5.725GHz) or w/o TDWR (5.47-5.6GHz and 5.65-5.725GHz).
- 5.6G-I(IC) is the 5.6GHz IC Band w/o TDWR (5.47-5.6GHz and 5.65-5.725GHz).
- 5.8G/5.8G-I(IC) is the 5.8GHz Band (5.725-5.850GHz).
- 5.3G-T(Taiwan) is the 5.3GHz TW Band (5.25-5.35GHz).
- 11a, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- VHT20, VHT40 and VHT80 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 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 | Model Name | Antenna Type | Connector | Gain (dBi) | |
|---|---|---|---|---|---|---|
| | | | | | 2.4GHz | 5GHz |
| 1 | LYNwave | ALA110-222050-300011 | PIFA Antenna | IPEX MHF4 | 3.5 | 5 |
| 2 | PSA | RFDPA171320EMLB301 | Dipole Antenna | IPEX MHF4 | 3.14 | 5 |

Note: 1. The EUT has two types of antenna and there are above only records higher gain of same type antenna.

2. For more information, refer to Appendix I. Antenna List.

3. There are four configurations for EUT.

4. Chain 1: Connect to Ant. 1 or Ant. 2, Chain 2: Connect to Ant. 1 or Ant. 2

| EUT | Configuration | Antenna Chain | Description |
|---|---|---|---|
| EUT 1 | Config.1 Diversity | 2 chains | The EUT supports the antenna with TX/RX diversity function for WLAN and Bluetooth. (Ex. Assume chain 1 was selected to conduct transmitting function in WLAN, so chain 2 was selected in Bluetooth Mode. Vice versa.) WLAN 2.4GHz and Bluetooth will be transmitting from the different chains; WLAN 5GHz and Bluetooth will be transmitting from the same chain.<br>**WLAN function (1TX, 1RX) / Bluetooth function (1TX, 1RX)**<br>The EUT supports 1TX/1RX function, and it supports TX/RX diversity function.<br>Both chain 1 and chain 2 could be used as transmitting/receiving antenna, but only one of them could transmit/receive at the same time. |
| EUT 2 | Config.2 Fixed | 2 chains | **WLAN function (1TX, 1RX) / Bluetooth function (1TX, 1RX)**<br>Chain 2 is designated for WLAN (2.4GHz), Chain 1 is designated for WLAN (5GHz) and Bluetooth. |
| EUT 3 | Config.3 Single | 1 chain | **WLAN function (1TX, 1RX) / Bluetooth function (1TX, 1RX)**<br>WLAN and BT share a common chain, where WLAN (2.4GHz) and BT couldn't transmit/receive at the same time, but WLAN (5GHz) and BT could transmit/receive at the same time. |
| EUT 4 | Config.4 Single | 1 chain | **WLAN function (1TX, 1RX) / Bluetooth function (1TX, 1RX)**<br>WLAN and BT share a common chain, where WLAN (2.4GHz) and BT couldn't transmit/receive at the same time, but WLAN (5GHz) and BT could transmit/receive at the same time. |

Note 1: After evaluating, EUT 1 has been evaluated to be the worst case, so it was performed for all tests.

For WLAN 2.4GHz function:

Chain 2 generated the worst case in configuration 1, so it was selected to test and record in the report.

For WLAN 5GHz and Bluetooth function:

Chain 1 generated the worst case in configuration 1, so it was selected to test and record in the report.

Note 2: EUT 3 and EUT 4 were retested Emissions in Restricted Frequency Bands for 2.4GHz and Unwanted Emissions for 5GHz only. And after evaluating, the worst case is found at 802.11b/g CH13 and 5GHz 802.11a CH 36, 802.11ac VHT40 CH62, and retest this channel only.

### 1.1.3 Mode Test Duty Cycle

| Mode | DC | T(s) | VBW(Hz) ≥ 1/T |
|---|---|---|---|
| 11a | 0.998 | n/a (DC>=0.98) | n/a (DC>=0.98) |
| VHT20 | 0.994 | n/a (DC>=0.98) | n/a (DC>=0.98) |
| VHT40 | 0.999 | n/a (DC>=0.98) | n/a (DC>=0.98) |
| VHT80 | 0.991 | 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 |
| **Weather Band** | ☒ | With 5600~5650MHz | ☐ | Without 5600~5650MHz |

## 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 789033 D02 v01r03
- FCC KDB 644545 D03 v01
- FCC KDB 662911 D01 v02r01

## 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 |
|---|---|---|---|---|
| RF Conducted | TH01-CB | Eddie Weng | 24°C / 58% | Nov. 15, 2016 \| Nov. 23 2016 |
| Radiated | 03CH01-CB | Lucke Hsieh, Paul Chen | 22°C / 54% | Oct. 20, 2016 \| Nov. 29, 2016 |
| AC Conduction | CO01-CB | Kane Liu | 23°C / 60% | Oct. 15, 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 |
|---|---|---|---|---|---|---|---|
| 5.2G | 11a | 20 | 1 | 1 | 5180 | L | 50 |
| 5.2G | 11a | 20 | 1 | 1 | 5200 | M | 61 |
| 5.2G | 11a | 20 | 1 | 1 | 5240 | H | 50 |
| 5.3G | 11a | 20 | 1 | 1 | 5260 | L | 61 |
| 5.3G | 11a | 20 | 1 | 1 | 5300 | M | 61 |
| 5.3G | 11a | 20 | 1 | 1 | 5320 | H | 48 |
| 5.6G | 11a | 20 | 1 | 1 | 5500 | L | 46 |
| 5.6G | 11a | 20 | 1 | 1 | 5580 | M | 57 |
| 5.6G | 11a | 20 | 1 | 1 | 5700 | H | 48 |
| 5.6G | 11a | 20 | 1 | 1 | 5720 | C | 57 |
| 5.8G | 11a | 20 | 1 | 1 | 5720 | C | 57 |
| 5.8G | 11a | 20 | 1 | 1 | 5745 | L | 53 |
| 5.8G | 11a | 20 | 1 | 1 | 5785 | M | 57 |
| 5.8G | 11a | 20 | 1 | 1 | 5825 | H | 54 |
| 5.2G | VHT20 | 20 | 1,(M0) | 1 | 5180 | L | 50 |
| 5.2G | VHT20 | 20 | 1,(M0) | 1 | 5200 | M | 57 |
| 5.2G | VHT20 | 20 | 1,(M0) | 1 | 5240 | H | 51 |
| 5.3G | VHT20 | 20 | 1,(M0) | 1 | 5260 | L | 57 |
| 5.3G | VHT20 | 20 | 1,(M0) | 1 | 5300 | M | 57 |
| 5.3G | VHT20 | 20 | 1,(M0) | 1 | 5320 | H | 51 |
| 5.6G | VHT20 | 20 | 1,(M0) | 1 | 5500 | L | 47 |
| 5.6G | VHT20 | 20 | 1,(M0) | 1 | 5580 | M | 61 |
| 5.6G | VHT20 | 20 | 1,(M0) | 1 | 5700 | H | 48 |
| 5.6G | VHT20 | 20 | 1,(M0) | 1 | 5720 | C | 57 |
| 5.8G | VHT20 | 20 | 1,(M0) | 1 | 5720 | C | 57 |
| 5.8G | VHT20 | 20 | 1,(M0) | 1 | 5745 | L | 53 |
| 5.8G | VHT20 | 20 | 1,(M0) | 1 | 5785 | M | 61 |
| 5.8G | VHT20 | 20 | 1,(M0) | 1 | 5825 | H | 54 |
| 5.2G | VHT40 | 40 | 1,(M0) | 1 | 5190 | L | 38 |
| 5.2G | VHT40 | 40 | 1,(M0) | 1 | 5230 | H | 50 |
| 5.3G | VHT40 | 40 | 1,(M0) | 1 | 5270 | L | 57 |
| 5.3G | VHT40 | 40 | 1,(M0) | 1 | 5310 | H | 41 |
| 5.6G | VHT40 | 40 | 1,(M0) | 1 | 5510 | L | 35 |
| 5.6G | VHT40 | 40 | 1,(M0) | 1 | 5550 | M | 52 |
| 5.6G | VHT40 | 40 | 1,(M0) | 1 | 5670 | H | 51 |
| 5.6G | VHT40 | 40 | 1,(M0) | 1 | 5710 | C | 57 |
| 5.8G | VHT40 | 40 | 1,(M0) | 1 | 5710 | C | 57 |

| Band | Mode | BWch (MHz) | Nss-Min | Nant | Ch. (MHz) | Range | Power Setting |
|---|---|---|---|---|---|---|---|
| 5.8G | VHT40 | 40 | 1,(M0) | 1 | 5755 | L | 57 |
| 5.8G | VHT40 | 40 | 1,(M0) | 1 | 5795 | H | 57 |
| 5.2G | VHT80 | 80 | 1,(M0) | 1 | 5210 | S | 37 |
| 5.3G | VHT80 | 80 | 1,(M0) | 1 | 5290 | S | 41 |
| 5.6G | VHT80 | 80 | 1,(M0) | 1 | 5530 | L | 32 |
| 5.6G | VHT80 | 80 | 1,(M0) | 1 | 5610 | H | 50 |
| 5.6G | VHT80 | 80 | 1,(M0) | 1 | 5690 | C | 57 |
| 5.8G | VHT80 | 80 | 1,(M0) | 1 | 5690 | C | 57 |
| 5.8G | VHT80 | 80 | 1,(M0) | 1 | 5775 | S | 54 |

Note:
- Test range channel consist of L (Low Ch.), M (Middle Ch.), H (High Ch.), S (Single Ch.) and C (Straddle Band Ch.).
- VHT20/VHT40 covers HT20/HT40, due to same modulation. The power setting for 802.11n HT20 and HT40 are the same or lower than 802.11ac VHT20 and VHT40.

## 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 1 with Ant. 1 (wireless 2.4GHz + Bluetooth 4.2) |
| 2 | EUT 1 with Ant. 1 (wireless 5GHz + Bluetooth 4.2) |
| Mode 1 has been evaluated to be the worst case between Mode 1~2, thus measurement for Mode 3 will follow this same test mode. | |
| 3 | EUT 1 with Ant. 2 (wireless 2.4GHz + Bluetooth 4.2) |
| 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** | Emission Bandwidth<br>Maximum Conducted Output Power<br>Peak Power Spectral Density<br>Frequency Stability | |
| **Test Condition** | Conducted measurement at transmit chains | |
| **Test Mode** | 1 | EUT 1 with Ant. 1 |

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

| The Worst Case Mode for Following Conformance Tests | |
|---|---|
| **Tests Item** | Unwanted Emissions |
| **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 1 Y axis with Ant. 1 (wireless 2.4GHz + Bluetooth 4.2) |
| 2 | EUT 1 Y axis with Ant. 1 (wireless 5GHz + Bluetooth 4.2) |
| Mode 1 has been evaluated to be the worst case between Mode 1~2, thus measurement for Mode 3 will follow this same test mode. | |
| 3 | EUT 1 Z axis with Ant. 1 (wireless 2.4GHz + Bluetooth 4.2) |
| Mode 3 has been evaluated to be the worst case between Mode 1~3, thus measurement for Mode 4 will follow this same test mode. | |
| 4 | EUT 1 Z axis with Ant. 2 (wireless 2.4GHz + Bluetooth 4.2) |
| For operating mode 3 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 test, and the worst case was found at X axis. So the measurement will follow this same test configuration. | |
| 1 | EUT 1 X axis with Ant. 1 |
| 2 | EUT 1 X axis with Ant. 2 |
| 3 | EUT 3 X axis with Ant. 1 |
| 4 | EUT 3 X axis with Ant. 2 |
| 5 | EUT 4 X axis with Ant. 1 |
| 6 | EUT 4 X axis with 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 1 X axis with Ant. 1 (wireless 2.4GHz + Bluetooth 4.2) |
| 2 | EUT 1 Y axis with Ant. 1 (wireless 2.4GHz + Bluetooth 4.2) |
| 3 | EUT 1 Z axis with Ant. 1 (wireless 2.4GHz + Bluetooth 4.2) |
| 4 | EUT 1 X axis with Ant. 1 (wireless 5GHz + Bluetooth 4.2) |
| 5 | EUT 1 Y axis with Ant. 1 (wireless 5GHz + Bluetooth 4.2) |
| 6 | EUT 1 Z axis with Ant. 1 (wireless 5GHz + Bluetooth 4.2) |
| 7 | EUT 1 X axis with Ant. 2 (wireless 2.4GHz + Bluetooth 4.2) |
| 8 | EUT 1 Y axis with Ant. 2 (wireless 2.4GHz + Bluetooth 4.2) |
| 9 | EUT 1 Z axis with Ant. 2 (wireless 2.4GHz + Bluetooth 4.2) |
| 10 | EUT 1 X axis with Ant. 2 (wireless 5GHz + Bluetooth 4.2) |
| 11 | EUT 1 Y axis with Ant. 2 (wireless 5GHz + Bluetooth 4.2) |
| 12 | EUT 1 Z axis with Ant. 2 (wireless 5GHz + Bluetooth 4.2) |
| Mode 3 has been evaluated to be the worst case between Mode 1~3, thus measurement for Mode 13 will follow this same test mode. | |
| 13 | EUT 4 Z axis with Ant. 1 (wireless 2.4GHz + Bluetooth 4.2) |
| Mode 6 has been evaluated to be the worst case between Mode 4~6, thus measurement for Mode 14 will follow this same test mode. | |
| 14 | EUT 4 Z axis with Ant. 1 (wireless 5GHz + Bluetooth 4.2) |
| Mode 9 has been evaluated to be the worst case between Mode 7~9, thus measurement for Mode 15 will follow this same test mode. | |
| 15 | EUT 4 Z axis with Ant. 2 (wireless 2.4GHz + Bluetooth 4.2) |
| Mode 12 has been evaluated to be the worst case between Mode 10~12, thus measurement for Mode 16 will follow this same test mode. | |
| 16 | EUT 4 Z axis with Ant. 2 (wireless 5GHz + Bluetooth 4.2) |
| Mode 3 has been evaluated to be the worst case between Mode 1~3, thus measurement for Mode 17 will follow this same test mode. | |
| 17 | EUT 3 Z axis with Ant. 1 (wireless 2.4GHz + Bluetooth 4.2) |
| Mode 6 has been evaluated to be the worst case between Mode 4~6, thus measurement for Mode 18 will follow this same test mode. | |
| 18 | EUT 3 Z axis with Ant. 1 (wireless 5GHz + Bluetooth 4.2) |
| Mode 9 has been evaluated to be the worst case between Mode 7~9, thus measurement for Mode 19 will follow this same test mode. | |
| 19 | EUT 3 Z axis with Ant. 2 (wireless 2.4GHz + Bluetooth 4.2) |
| Mode 12 has been evaluated to be the worst case between Mode 10~12, thus measurement for Mode 20 will follow this same test mode. | |

| | |
|---|---|
| 20 | EUT 3 Z axis with Ant. 2 (wireless 5GHz + Bluetooth 4.2) |
| Mode 18 and Mode 19 are worst test result among Mode 1 ~ Mode 20, and the test result of those two modes are selected to record in the test report.<br>Refer to Sporton Test Report No.: FA692918 for Co-location RF Exposure Evaluation and Appendix G for Radiated Emission Co-location. | |

## 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 | NB*2 | DELL | E6430 | DoC |
| 2 | Earphone | SHYARO CHI | MIC-04 | DoC |
| 3 | Mouse | HP | FM100 | DoC |
| 4 | Test fixture*2 | REALTEK | N/A | N/A |
| 5 | AP Router | Planex | GW-AP54SGX | KA220030603014-1 |
| 6 | Device | REALTEK | RTL8821CE | TX2-RTL8821CE |

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

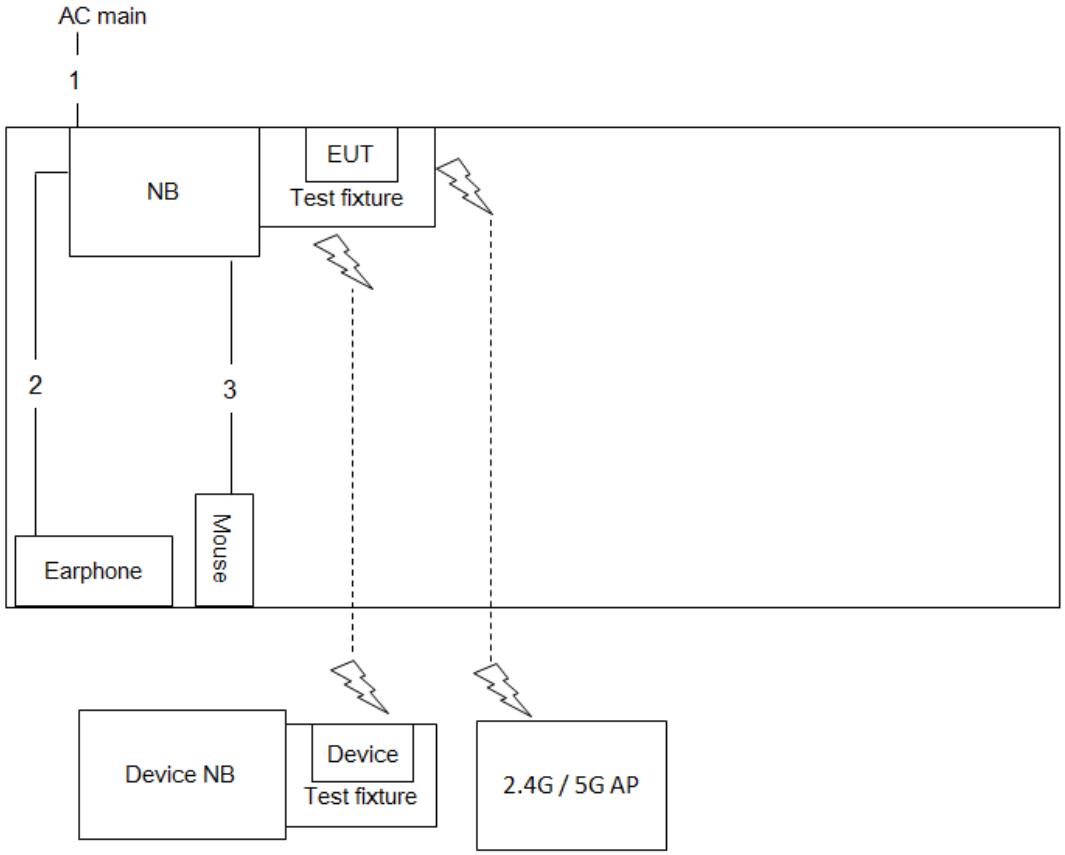
| Support Equipment | | | | |
|---|---|---|---|---|
| **No.** | **Equipment** | **Brand Name** | **Model Name** | **FCC ID** |
| 1 | NB*2 | DELL | E4300 | DoC |
| 2 | Mouse | Logitech | M-U0026 | DoC |
| 3 | Earphone | SHYARO CHI | MIC-04 | N/A |
| 4 | Test fixture*2 | REALTEK | N/A | N/A |
| 5 | WLAN AP | D-LINK | DIR860L | KA2IR860LA1 |
| 6 | Device | REALTEK | RTL8821CE | TX2-RTL8821CE |

**For Test Site No: 03CH01-CB (above 1GHz) and TH01-CB**

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

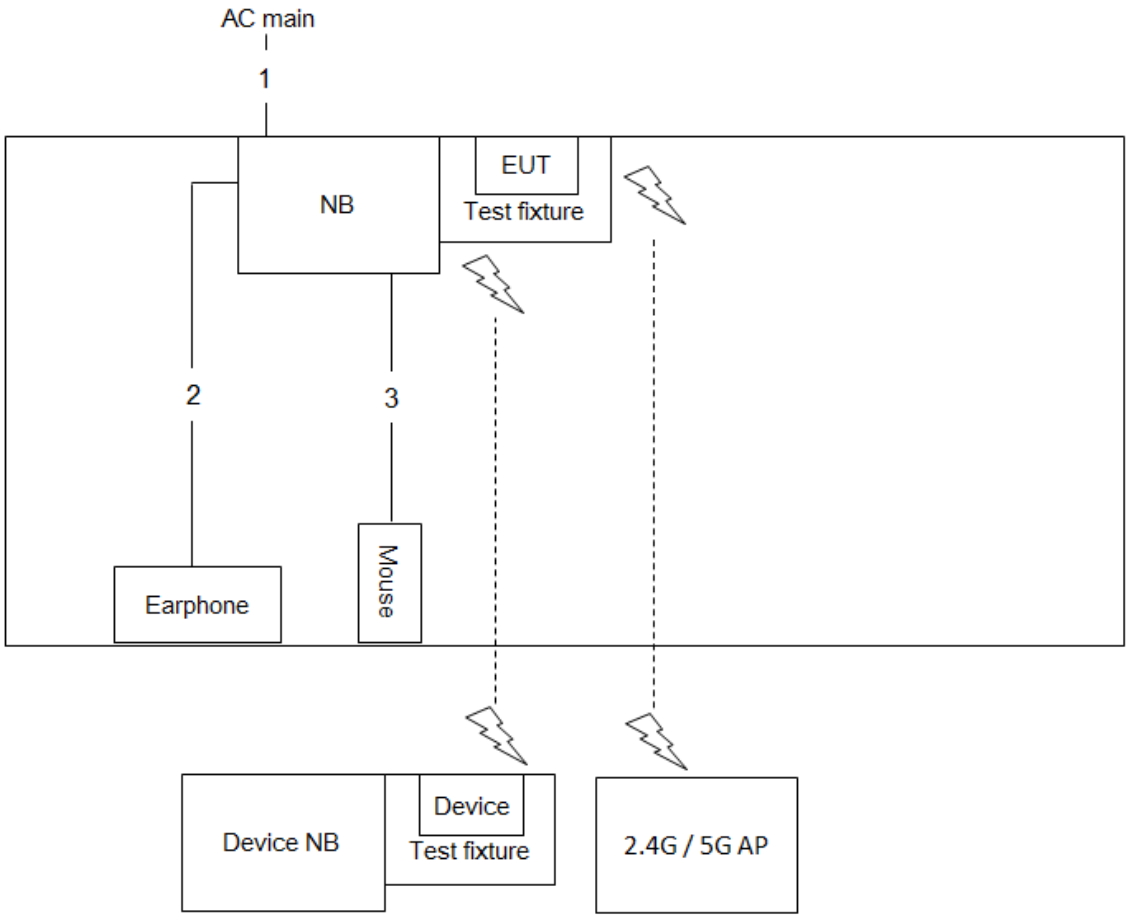
## 2.6 Test Setup Diagram

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



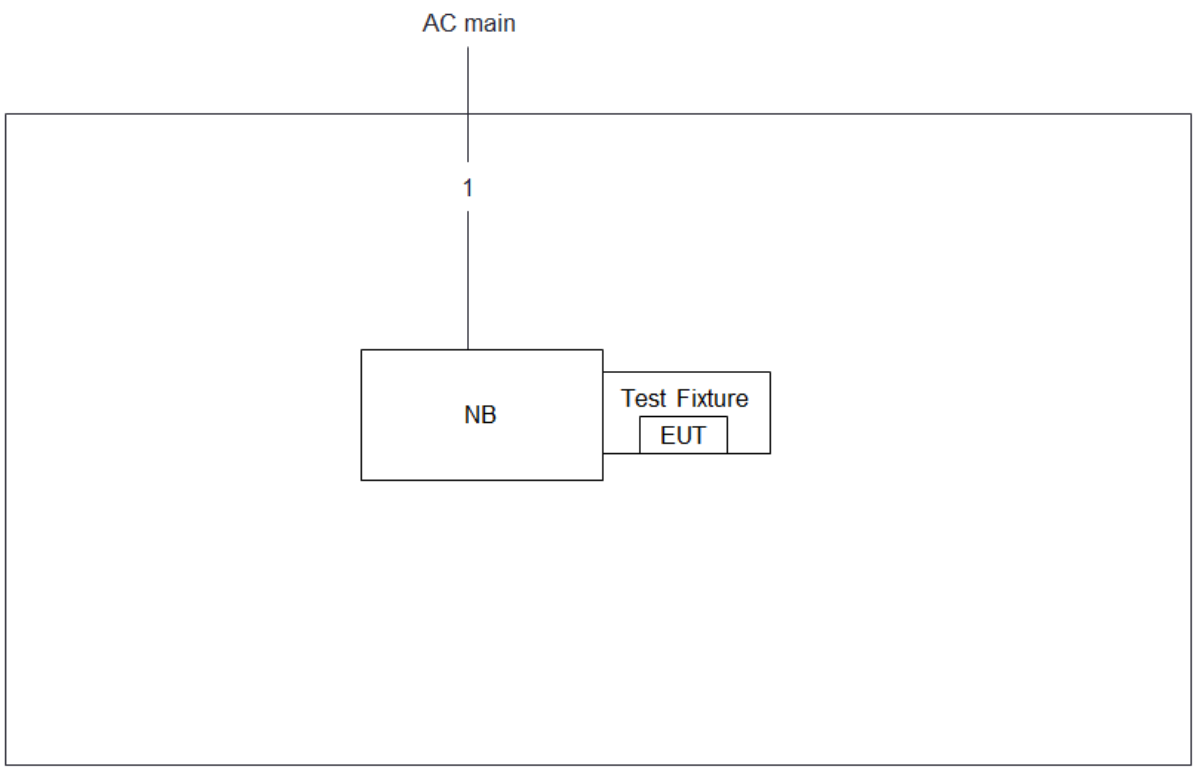

| Item | Connection | Shielded | Length |
|---|---|---|---|
| 1 | Power cable | No | 2.6m |
| 2 | Audio cable | No | 1.8m |
| 3 | USB cable | Yes | 1.8m |

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




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

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




| Item | Connection | Shielded | Length |
|---|---|---|---|
| 1 | Power cable | No | 1.5m |

# 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

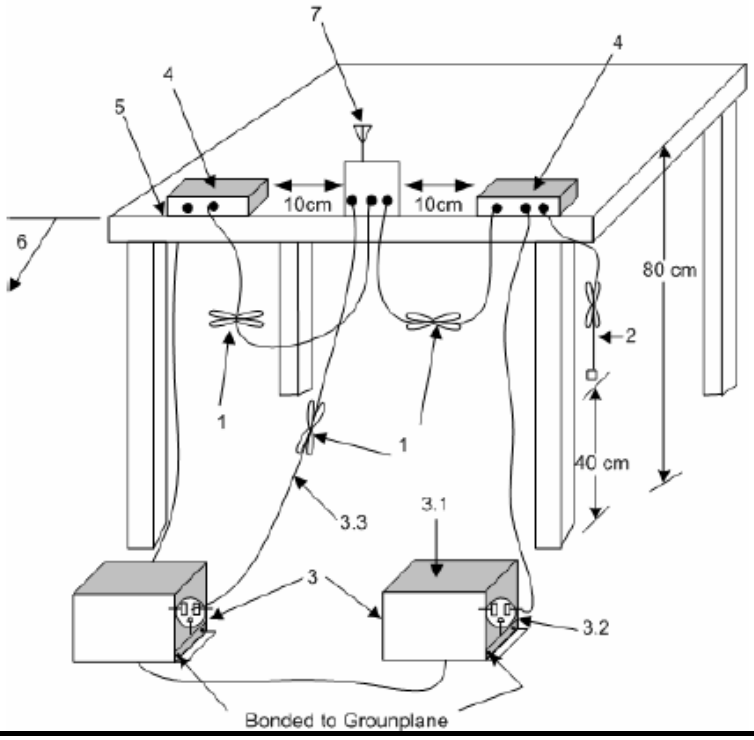
Refer a test equipment and calibration data table in this test report.

### 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 Emission Bandwidth

## 3.2.1 Emission Bandwidth Limit

| Emission Bandwidth Limit | |
|---|---|
| **UNII Devices** | |
| ☒ | For the 5.15-5.25 GHz band, N/A |
| ☒ | For the 5.25-5.35 GHz band, the maximum conducted output power shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz. |
| ☒ | For the 5.47-5.725 GHz band, the maximum conducted output power shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz. |
| ☒ | For the 5.725-5.85 GHz band, 6 dB emission bandwidth ≥ 500kHz. |
| **LE-LAN Devices** | |
| ☐ | For the band 5.15-5.25 GHz, the maximum e.i.r.p. shall not exceed 200 mW or 10 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz. |
| ☐ | For the 5.25-5.35 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz |
| ☐ | For the 5.47-5.6 GHz band and 5.65-5.725 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz |
| ☐ | For the 5.725-5.85 GHz band, 6 dB emission bandwidth ≥ 500kHz. |

## 3.2.2 Measuring Instruments

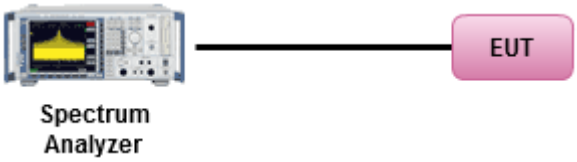
Refer a test equipment and calibration data table in this test report.

## 3.2.3 Test Procedures

| Test Method | | |
|---|---|---|
| ▪ | For the emission bandwidth shall be measured using one of the options below: | |
| | ☒ | Refer as FCC KDB 789033, clause C for EBW and clause D for OBW measurement. |
| | ☐ | Refer as ANSI C63.10, clause 6.9.1 for occupied bandwidth testing. |
| | ☒ | Refer as IC RSS-Gen, clause 4.6 for bandwidth testing. |

## 3.2.4 Test Setup

**Emission Bandwidth**




## 3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

# 3.3 Maximum Conducted Output Power

## 3.3.1 Maximum Conducted Output Power Limit

| Maximum Conducted Output Power Limit | |
|---|---|
| **UNII Devices** | |
| ☒ | For the 5.15-5.25 GHz band: |
| | ▪ Outdoor AP: the maximum conducted output power ($P_{Out}$) shall not exceed the lesser of 1 W. If $G_{TX}$ > 6 dBi, then $P_{Out}$ = 30 – ($G_{TX}$ – 6). e.i.r.p. at any elevation angle above 30 degrees ≤ 125mW [21dBm] |
| | ▪ Indoor AP: the maximum conducted output power ($P_{Out}$) shall not exceed the lesser of 1 W. If $G_{TX}$ > 6 dBi, then $P_{Out}$ = 30 – ($G_{TX}$ – 6) |
| | ▪ Point-to-point AP: the maximum conducted output power ($P_{Out}$) shall not exceed the lesser of 1 W If $G_{TX}$ > 23 dBi, then $P_{Out}$ = 30 – ($G_{TX}$ – 23). |
| | ▪ Mobile or Portable Client: the maximum conducted output power ($P_{Out}$) shall not exceed the lesser of 250 mW. If $G_{TX}$ > 6 dBi, then $P_{Out}$ = 24 – ($G_{TX}$ – 6). |
| ☒ | For the 5.25-5.35 GHz band, the maximum conducted output power ($P_{Out}$) shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz. If $G_{TX}$ > 6 dBi, then $P_{Out}$ = 24 – ($G_{TX}$ – 6). |
| ☒ | For the 5.47-5.725 GHz band, the maximum conducted output power ($P_{Out}$) shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz. If $G_{TX}$ > 6 dBi, then $P_{Out}$ = 24 – ($G_{TX}$ – 6). |
| ☒ | For the 5.725-5.85 GHz band: |
| | ▪ Point-to-multipoint systems (P2M): the maximum conducted output power ($P_{Out}$) shall not exceed the lesser of 1 W. If $G_{TX}$ > 6 dBi, then $P_{Out}$ = 30 – ($G_{TX}$ – 6). |
| | ▪ Point-to-point systems (P2P): the maximum conducted output power ($P_{Out}$) shall not exceed the lesser of 1 W. |
| **LE-LAN Devices** | |
| ☐ | For the 5.15-5.25 GHz band, the maximum e.i.r.p. shall not exceed 200 mW or 10 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz. |
| ☐ | For the 5.25-5.35 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz |
| ☐ | For the 5.47-5.6 GHz band and 5.65-5.725 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz |
| ☐ | For the 5.725-5.85 GHz band: |
| | ▪ Point-to-multipoint systems (P2M): the maximum conducted output power ($P_{Out}$) shall not exceed the lesser of 1 W. If $G_{TX}$ > 6 dBi, then $P_{Out}$ = 30 – ($G_{TX}$ – 6). |
| | ▪ Point-to-point systems (P2P): the maximum conducted output power ($P_{Out}$) shall not exceed the lesser of 1 W. |
| **$P_{Out}$** = maximum conducted output power in dBm,<br>**$G_{TX}$** = the maximum transmitting antenna directional gain in dBi. | |

## 3.3.2 Measuring Instruments

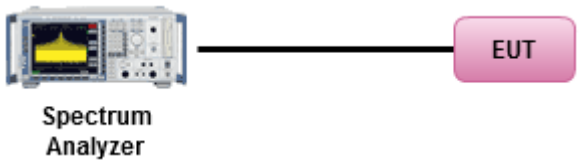
Refer a test equipment and calibration data table in this test report.

### 3.3.3 Test Procedures

| Test Method | |
|---|---|
| ▪ Maximum Conducted Output Power | |
| | [duty cycle ≥ 98% or external video / power trigger] |
| | ☒ Refer as FCC KDB 789033, clause E Method SA-1 (spectral trace averaging). |
| | ☐ Refer as FCC KDB 789033, clause E Method SA-1 Alt. (RMS detection with slow sweep speed) |
| | duty cycle < 98% and average over on/off periods with duty factor |
| | ☐ Refer as FCC KDB 789033, clause E Method SA-2 (spectral trace averaging). |
| | ☐ Refer as FCC KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed) |
| | Wideband RF power meter and average over on/off periods with duty factor |
| | ☒ Refer as FCC KDB 789033, clause E Method PM-G (using an RF average power meter). |
| ▪ For conducted measurement. | |
| | ▪ If the EUT supports multiple transmit chains using options given below:<br>Refer as FCC KDB 662911, In-band power measurements. Using the measure-and-sum approach, measured all transmit ports individually. Sum the power (in linear power units e.g., mW) of all ports for each individual sample and save them. |
| | ▪ If multiple transmit chains, EIRP calculation could be following as methods:<br>$P_{total} = P_1 + P_2 + \ldots + P_n$<br>(calculated in linear unit [mW] and transfer to log unit [dBm])<br>$EIRP_{total} = P_{total} + DG$ |

### 3.3.4 Test Setup

For Straddle channel test:

| RF Output Power (Spectrum Analyzer) |
|---|
|  |

For other test:

| RF Output Power (Power Meter) |
|---|
|  |

### 3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

# 3.4 Peak Power Spectral Density

## 3.4.1 Peak Power Spectral Density Limit

| Peak Power Spectral Density Limit | |
|---|---|
| **UNII Devices** | |
| ☒ | For the 5.15-5.25 GHz band: |
| | ▪ Outdoor AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If $G_{TX}$ > 6 dBi, then $P_{Out}$ = 17 – ($G_{TX}$ – 6). |
| | ▪ Indoor AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If $G_{TX}$ > 6 dBi, then $P_{Out}$ = 17 – ($G_{TX}$ – 6). |
| | ▪ Point-to-point AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If $G_{TX}$ > 23 dBi, then $P_{Out}$ = 17 – ($G_{TX}$ – 23). |
| | ▪ Mobile or Portable Client: the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If $G_{TX}$ > 6 dBi, then PPSD= 11 – ($G_{TX}$ – 6).. |
| ☒ | For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If $G_{TX}$ > 6 dBi, then PPSD= 11 – ($G_{TX}$ – 6). |
| ☒ | For the 5.47-5.725 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If $G_{TX}$ > 6 dBi, then PPSD= 11 – ($G_{TX}$ – 6). |
| ☒ | For the 5.725-5.85 GHz band: |
| | ▪ Point-to-multipoint systems (P2M): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz. If $G_{TX}$ > 6 dBi, then PPSD= 30 – ($G_{TX}$ – 6). |
| | ▪ Point-to-point systems (P2P): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz. |
| **LE-LAN Devices** | |
| ☐ | For the 5.15-5.25 GHz band, the peak power spectral density (PPSD) ≤ 4 dBm/MHz and the e.i.r.p. peak power spectral density (PPSD) ≤ 10 dBm/MHz. |
| ☐ | For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz and the e.i.r.p. peak power spectral density (PPSD) ≤ 17 dBm/MHz. |
| | ▪ e.i.r.p. greater than 200 mW shall comply with the following e.i.r.p. at different elevations, where θ is the angle above the local horizontal plane (of the Earth) as shown below:<br>-13 dBW/MHz for 0° ≤ θ < 8° ; -13 − 0.716 (θ-8) dBW/MHz for 8° ≤ θ < 40°<br>-35.9 − 1.22 (θ-40) dBW/MHz for 40° ≤ θ ≤ 45° ; -42 dBW/MHz for θ > 45° |
| ☐ | For the 5.47-5.6 GHz band and 5.65-5.725 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz and the e.i.r.p. peak power spectral density (PPSD) ≤ 17 dBm/MHz. |
| ☐ | For the 5.725-5.85 GHz band: |
| | ▪ Point-to-multipoint systems (P2M): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz. If $G_{TX}$ > 6 dBi, then PPSD= 30 – ($G_{TX}$ – 6). |
| | ▪ Point-to-point systems (P2P): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz. |
| **PPSD** = peak power spectral density that he same method as used to determine the conducted output power shall be used to determine the power spectral density. And power spectral density in dBm/MHz<br>**$G_{TX}$** = the maximum transmitting antenna directional gain in dBi. | |

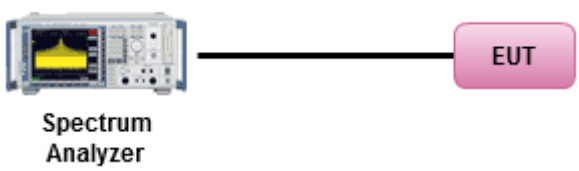
## 3.4.2 Measuring Instruments

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

### 3.4.3 Test Procedures

| Test Method | |
|---|---|
| ▪ Peak power spectral density procedures that the same method as used to determine the conducted output power shall be used to determine the peak power spectral density and use the peak search function on the spectrum analyzer to find the peak of the spectrum. For the peak power spectral density shall be measured using below options: | |
| | ☐ Refer as FCC KDB 789033, F)5) power spectral density can be measured using resolution bandwidths < 1 MHz provided that the results are integrated over 1 MHz bandwidth |
| | [duty cycle ≥ 98% or external video / power trigger] |
| | ☒ Refer as FCC KDB 789033, clause E Method SA-1 (spectral trace averaging). |
| | ☐ Refer as FCC KDB 789033, clause E Method SA-1 Alt. (RMS detection with slow sweep speed) |
| | duty cycle < 98% and average over on/off periods with duty factor |
| | ☒ Refer as FCC KDB 789033, clause E Method SA-2 (spectral trace averaging). |
| | ☐ Refer as FCC KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed) |
| ▪ For conducted measurement. | |
| | ▪ If the EUT supports multiple transmit chains using options given below: |
| | ☒ Option 1: Measure and sum the spectra across the outputs. Refer as FCC KDB 662911, In-band power spectral density (PSD). Sample all transmit ports simultaneously using a spectrum analyzer for each transmit port. Where the trace bin-by-bin of each transmit port summing can be performed. (i.e., in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 and that from the first spectral bin of output 3, and so on up to the NTX output to obtain the value for the first frequency bin of the summed spectrum.). Add up the amplitude (power) values for the different transmit chains and use this as the new data trace. |
| | ☐ Option 2: Measure and sum spectral maxima across the outputs. With this technique, spectra are measured at each output of the device at the required resolution bandwidth. The maximum value (peak) of each spectrum is determined. These maximum values are then summed mathematically in linear power units across the outputs. These operations shall be performed separately over frequency spans that have different out-of-band or spurious emission limits, |
| | ☐ Option 3: Measure and add 10 log(N) dB, where N is the number of transmit chains. Refer as FCC KDB 662911, In-band power spectral density (PSD). Performed at each transmit chains and each transmit chains shall be compared with the limit have been reduced with 10 log(N). Or each transmit chains shall be add 10 log(N) to compared with the limit. |
| | ▪ If multiple transmit chains, EIRP PPSD calculation could be following as methods:<br>$PPSD_{total} = PPSD_1 + PPSD_2 + \ldots + PPSD_n$<br>(calculated in linear unit [mW] and transfer to log unit [dBm])<br>$EIRP_{total} = PPSD_{total} + DG$ |

### 3.4.4 Test Setup

| Power Spectral Density |
|---|
|  |

### 3.4.5 Test Result of Peak Power Spectral Density

Refer as Appendix D

# 3.5 Unwanted Emissions

## 3.5.1 Transmitter Radiated Unwanted Emissions Limit

| Unwanted emissions below 1 GHz and restricted band emissions above 1GHz 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.

| Un-restricted band emissions above 1GHz Limit | |
|---|---|
| **Operating Band** | **Limit** |
| 5.15 - 5.25 GHz | e.i.r.p. -27 dBm [68.2 dBuV/m@3m] |
| 5.25 - 5.35 GHz | e.i.r.p. -27 dBm [68.2 dBuV/m@3m] |
| 5.47 - 5.725 GHz | e.i.r.p. -27 dBm [68.2 dBuV/m@3m] |
| 5.725 - 5.85 GHz | all emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge. |

Note 1: 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).

### 3.5.2 Measuring Instruments

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

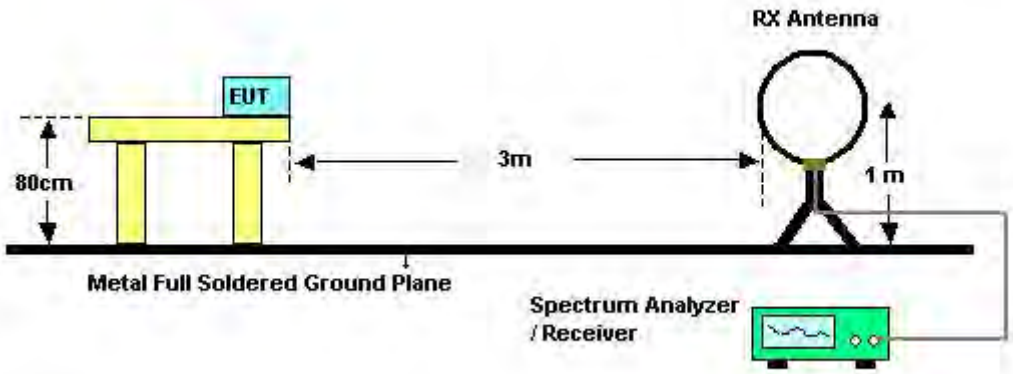
### 3.5.3 Test Procedures

| Test Method | | |
|---|---|---|
| ▪ 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. Measurements shall not be performed at a distance greater than 30 m for frequencies above 30 MHz, unless it can be further demonstrated that measurements at a distance of 30 m or less are impractical. 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). | | |
| ▪ The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor]. | | |
| ▪ For the transmitter unwanted emissions shall be measured using following options below: | | |
| | ▪ Refer as FCC KDB 789033, clause H)2) for unwanted emissions into non-restricted bands. | |
| | ▪ Refer as FCC KDB 789033, clause H)1) for unwanted emissions into restricted bands. | |
| | | ☐ Refer as FCC KDB 789033, H)6) Method AD (Trace Averaging). |
| | | ☒ Refer as FCC KDB 789033, H)6) Method VB (Reduced VBW). |
| | | ☐ 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 789033, clause H)5) measurement procedure peak limit. |
| | | ☐ Refer as ANSI C63.10, clause 4.2.3.2.2 measurement procedure peak limit. |
| ▪ For radiated measurement. | | |
| | ▪ Refer as ANSI C63.10, clause 6.4 for radiated emissions below 30 MHz and test distance is 3m. | |
| | ▪ Refer as ANSI C63.10, clause 6.5 for radiated emissions 30 MHz to 1 GHz and test distance is 3m. | |
| | ▪ Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz. | |
| ▪ The any unwanted emissions level shall not exceed the fundamental emission level. | | |
| ▪ All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported. | | |

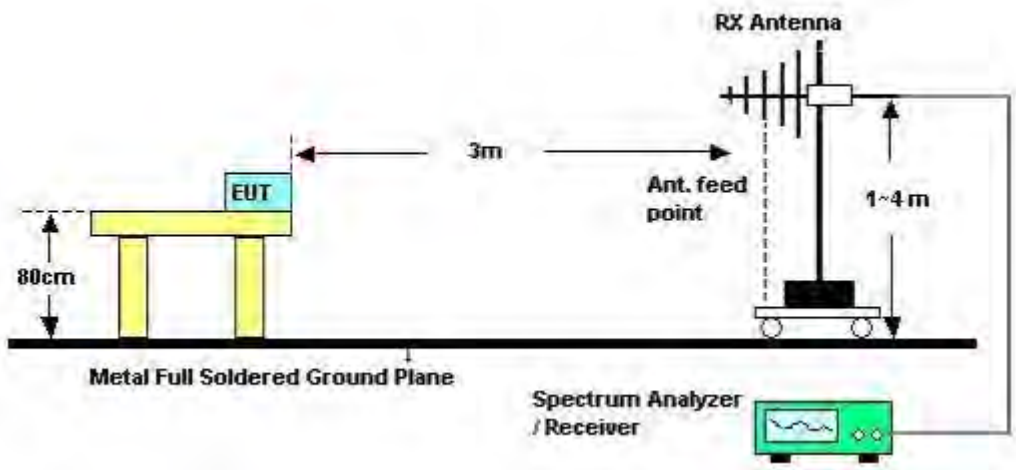
### 3.5.4 Test Setup

**Transmitter Radiated Unwanted Emissions**

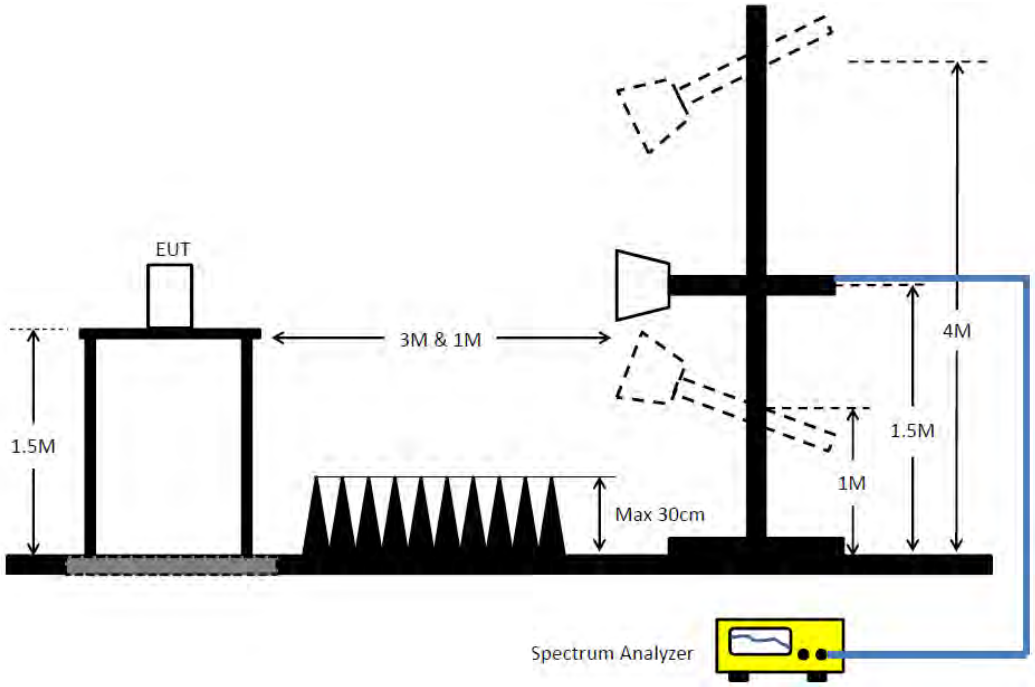
**9kHz ~30MHz**




**30MHz~1GHz**



**Above 1GHz**



### 3.5.5 Transmitter 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.

### 3.5.6 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E

# 3.6 Frequency Stability

## 3.6.1 Frequency Stability Limit

| Frequency Stability Limit |
|---|
| **UNII Devices** |
| ▪ In-band emission is maintained within the band of operation under all conditions of normal operation as specified in the user's manual. |
| **LE-LAN Devices** |
| ▪ N/A |
| **IEEE Std. 802.11** |
| ▪ The transmitter center frequency tolerance shall be ± 20 ppm maximum for the 5 GHz band and ± 25 ppm maximum for the 2.4 GHz band. |

## 3.6.2 Measuring Instruments

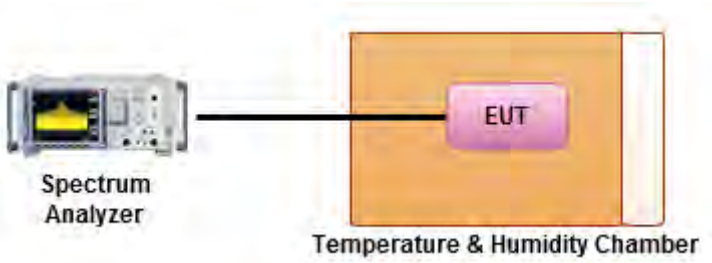
Refer a test equipment and calibration data table in this test report.

## 3.6.3 Test Procedures

| Test Method | |
|---|---|
| ▪ Refer as ANSI C63.10, clause 6.8 for frequency stability tests | |
| | ▪ Frequency stability with respect to ambient temperature |
| | ▪ Frequency stability when varying supply voltage |
| | ▪ Extreme temperature is -20˚C~70˚C. |

## 3.6.4 Test Setup

**Frequency Stability**




## 3.6.5 Test Result of Frequency Stability

Refer as Appendix F

# 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 | TESEQ | CBL6112D | 37880 | 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 | - | - | TF-130N-R1 | 26GHz ~ 40GHz | Feb. 23, 2016 | Radiation (03CH01-CB) |
| Spectrum Analyzer | R&S | FSP40 | 100056 | 9kHz ~ 40GHz | Oct. 27, 2015 | 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 | Nov. 02, 2015 | 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 | Nov. 02, 2015 | 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 | Nov. 02, 2015 | 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 | Nov. 02, 2015 | Radiation (03CH01-CB) |
| RF Cable-high | Woken | High Cable-40G-1 | N/A | 18GHz ~ 40 GHz | Oct. 24, 2016 | Radiation (03CH01-CB) |

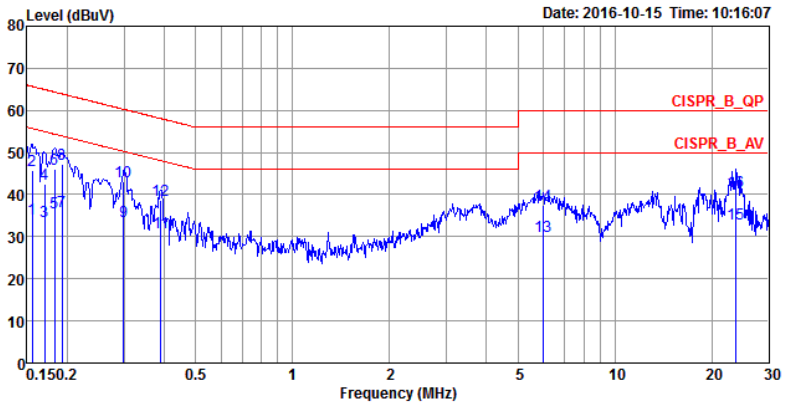
| Instrument | Manufacturer | Model No. | Serial No. | Characteristics | Calibration Date | Remark |
|---|---|---|---|---|---|---|
| RF Cable-high | Woken | High Cable-40G-2 | N/A | 18GHz ~ 40 GHz | Nov. 02, 2015 | Radiation (03CH01-CB) |
| RF Cable-high | Woken | High Cable-40G-2 | N/A | 18GHz ~ 40 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) |
| 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.

"*" Calibration Interval of instruments listed above is two years.

N.C.R means Non-Calibration required.

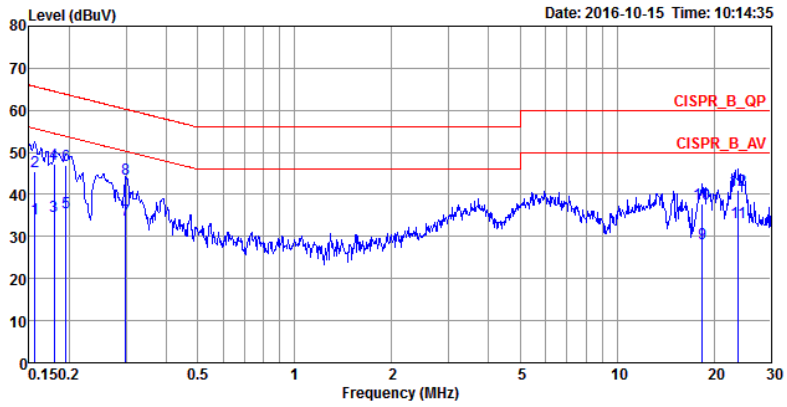
| AC Power-line Conducted Emissions Result | | | |
|---|---|---|---|
| **Operating Mode** | 1 | **Power Phase** | Neutral |
| **Operating Function** | Normal Link | | |




| | Freq | Level | Over Limit | Limit Line | Read Level | LISN Factor | Cable Loss | Pol/Phase | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV | dB | dBuV | dBuV | dB | dB | | |
| 1 | 0.1557 | 34.37 | -21.32 | 55.69 | 24.19 | 10.02 | 0.16 | NEUTRAL | Average |
| 2 | 0.1557 | 45.74 | -19.95 | 65.69 | 35.56 | 10.02 | 0.16 | NEUTRAL | QP |
| 3 | 0.1703 | 33.52 | -21.42 | 54.94 | 23.33 | 10.02 | 0.17 | NEUTRAL | Average |
| 4 | 0.1703 | 42.57 | -22.37 | 64.94 | 32.38 | 10.02 | 0.17 | NEUTRAL | QP |
| 5 | 0.1825 | 35.83 | -18.54 | 54.37 | 25.73 | 9.92 | 0.18 | NEUTRAL | Average |
| 6 | 0.1825 | 45.96 | -18.41 | 64.37 | 35.86 | 9.92 | 0.18 | NEUTRAL | QP |
| 7 | 0.1924 | 35.97 | -17.96 | 53.93 | 25.86 | 9.92 | 0.19 | NEUTRAL | Average |
| 8 | 0.1924 | 47.33 | -16.60 | 63.93 | 37.22 | 9.92 | 0.19 | NEUTRAL | QP |
| 9 | 0.2987 | 33.72 | -16.56 | 50.28 | 23.71 | 9.92 | 0.09 | NEUTRAL | Average |
| 10 | 0.2987 | 43.15 | -17.13 | 60.28 | 33.14 | 9.92 | 0.09 | NEUTRAL | QP |
| 11 | 0.3893 | 30.96 | -17.12 | 48.08 | 21.02 | 9.92 | 0.02 | NEUTRAL | Average |
| 12 | 0.3893 | 38.65 | -19.43 | 58.08 | 28.71 | 9.92 | 0.02 | NEUTRAL | QP |
| 13 | 5.9925 | 30.21 | -19.79 | 50.00 | 20.05 | 10.04 | 0.12 | NEUTRAL | Average |
| 14 | 5.9925 | 37.51 | -22.49 | 60.00 | 27.35 | 10.04 | 0.12 | NEUTRAL | QP |
| 15 | 23.7616 | 33.16 | -16.84 | 50.00 | 22.49 | 10.41 | 0.26 | NEUTRAL | Average |
| 16 | 23.7616 | 40.69 | -19.31 | 60.00 | 30.02 | 10.41 | 0.26 | 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 | 0.1565 | 34.34 | -21.31 | 55.65 | 24.15 | 10.02 | 0.17 | LINE | Average |
| 2 | 0.1565 | 45.53 | -20.12 | 65.65 | 35.34 | 10.02 | 0.17 | LINE | QP |
| 3 | 0.1796 | 34.85 | -19.65 | 54.50 | 24.75 | 9.92 | 0.18 | LINE | Average |
| 4 | 0.1796 | 47.16 | -17.34 | 64.50 | 37.06 | 9.92 | 0.18 | LINE | QP |
| 5 | 0.1955 | 35.62 | -18.18 | 53.80 | 25.51 | 9.92 | 0.19 | LINE | Average |
| 6 | 0.1955 | 46.98 | -16.82 | 63.80 | 36.87 | 9.92 | 0.19 | LINE | QP |
| 7 | 0.2987 | 33.87 | -16.41 | 50.28 | 23.86 | 9.92 | 0.09 | LINE | Average |
| 8 | 0.2987 | 43.55 | -16.73 | 60.28 | 33.54 | 9.92 | 0.09 | LINE | QP |
| 9 | 18.4258 | 28.29 | -21.71 | 50.00 | 17.78 | 10.28 | 0.23 | LINE | Average |
| 10 | 18.4258 | 37.79 | -22.21 | 60.00 | 27.28 | 10.28 | 0.23 | LINE | QP |
| 11 | 23.7616 | 33.29 | -16.71 | 50.00 | 22.62 | 10.41 | 0.26 | LINE | Average |
| 12 | 23.7616 | 41.12 | -18.88 | 60.00 | 30.45 | 10.41 | 0.26 | 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.)

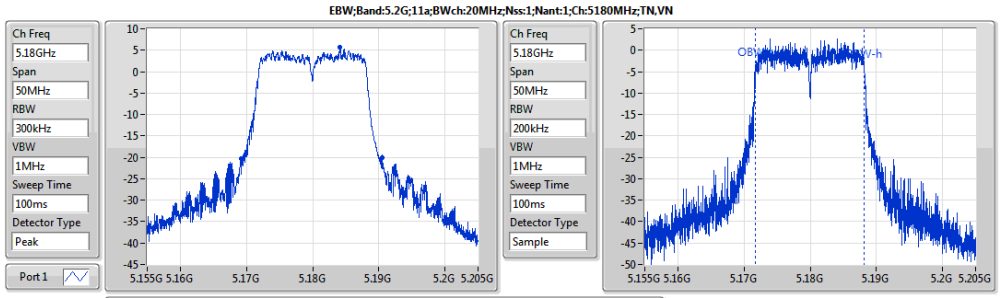
## Summary

| Mode | Max-N dB (Hz) | Max-OBW (Hz) | ITU-Code | Min-N dB (Hz) | Min-OBW (Hz) |
|---|---|---|---|---|---|
| 5.2G;11a;Nss1;Ntx1 | 40.55M | 19.89M | 19M9D1D | 21.275M | 16.442M |
| 5.3G;11a;Nss1;Ntx1 | 40.275M | 18.516M | 18M5D1D | 25.375M | 16.492M |
| 5.6G;11a;Nss1;Ntx1 | 39.425M | 19.415M | 19M4D1D | 21.55M | 13.598M |
| 5.8G;11a;Nss1;Ntx1 | 16.45M | 19.615M | 19M6D1D | 3.22M | 8.856M |
| 5.2G;VHT20;Nss1,(M0);Ntx1 | 44.625M | 18.391M | 18M4D1D | 21.275M | 17.566M |
| 5.3G;VHT20;Nss1,(M0);Ntx1 | 43.35M | 18.091M | 18M1D1D | 23.25M | 17.566M |
| 5.6G;VHT20;Nss1,(M0);Ntx1 | 45.7M | 22.464M | 22M5D1D | 22.75M | 14.798M |
| 5.8G;VHT20;Nss1,(M0);Ntx1 | 17.7M | 21.014M | 21M0D1D | 3.78M | 11.134M |
| 5.2G;VHT40;Nss1,(M0);Ntx1 | 65.15M | 35.982M | 36M0D1D | 41.9M | 35.982M |
| 5.3G;VHT40;Nss1,(M0);Ntx1 | 84.3M | 36.682M | 36M7D1D | 41.3M | 35.882M |
| 5.6G;VHT40;Nss1,(M0);Ntx1 | 72.65M | 36.182M | 36M2D1D | 41.9M | 34.248M |
| 5.8G;VHT40;Nss1,(M0);Ntx1 | 36.35M | 39.68M | 39M7D1D | 3.16M | 24.808M |
| 5.2G;VHT80;Nss1,(M0);Ntx1 | 81.1M | 74.763M | 74M8D1D | 81.1M | 74.763M |
| 5.3G;VHT80;Nss1,(M0);Ntx1 | 81.2M | 74.763M | 74M8D1D | 81.2M | 74.763M |
| 5.6G;VHT80;Nss1,(M0);Ntx1 | 118.1M | 75.062M | 75M1D1D | 81.2M | 73.163M |
| 5.8G;VHT80;Nss1,(M0);Ntx1 | 74.5M | 75.362M | 75M4D1D | 3.12M | 38.041M |

## Result

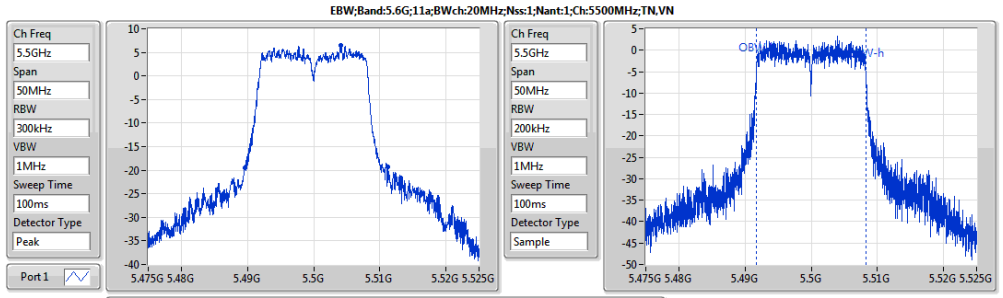
| Mode | Result | Limit (Hz) | P1-N dB (Hz) | P1-OBW (Hz) |
|---|---|---|---|---|
| 5.2G;11a;Nss1;Ntx1;5180 | Pass | Inf | 21.275M | 16.442M |
| 5.2G;11a;Nss1;Ntx1;5200 | Pass | Inf | 40.55M | 19.89M |
| 5.2G;11a;Nss1;Ntx1;5240 | Pass | Inf | 27.625M | 16.542M |
| 5.3G;11a;Nss1;Ntx1;5260 | Pass | Inf | 40.275M | 18.516M |
| 5.3G;11a;Nss1;Ntx1;5300 | Pass | Inf | 38.425M | 18.466M |
| 5.3G;11a;Nss1;Ntx1;5320 | Pass | Inf | 25.375M | 16.492M |
| 5.6G;11a;Nss1;Ntx1;5500 | Pass | Inf | 21.55M | 16.467M |
| 5.6G;11a;Nss1;Ntx1;5580 | Pass | Inf | 39.425M | 19.415M |
| 5.6G;11a;Nss1;Ntx1;5700 | Pass | Inf | 25.35M | 16.467M |
| 5.6G;11a;Nss1;Ntx1;5720 | Pass | Inf | 21.615M | 13.598M |
| 5.8G;11a;Nss1;Ntx1;5720 | Pass | 500k | 3.22M | 8.856M |
| 5.8G;11a;Nss1;Ntx1;5745 | Pass | 500k | 16.45M | 16.742M |
| 5.8G;11a;Nss1;Ntx1;5785 | Pass | 500k | 16.425M | 19.615M |
| 5.8G;11a;Nss1;Ntx1;5825 | Pass | 500k | 16.45M | 16.742M |
| 5.2G;VHT20;Nss1,(M0);Ntx1;5180 | Pass | Inf | 21.275M | 17.566M |
| 5.2G;VHT20;Nss1,(M0);Ntx1;5200 | Pass | Inf | 44.625M | 18.391M |
| 5.2G;VHT20;Nss1,(M0);Ntx1;5240 | Pass | Inf | 26.15M | 17.691M |
| 5.3G;VHT20;Nss1,(M0);Ntx1;5260 | Pass | Inf | 43.35M | 18.091M |
| 5.3G;VHT20;Nss1,(M0);Ntx1;5300 | Pass | Inf | 43.3M | 18.016M |
| 5.3G;VHT20;Nss1,(M0);Ntx1;5320 | Pass | Inf | 23.25M | 17.566M |
| 5.6G;VHT20;Nss1,(M0);Ntx1;5500 | Pass | Inf | 22.75M | 17.641M |
| 5.6G;VHT20;Nss1,(M0);Ntx1;5580 | Pass | Inf | 45.7M | 22.464M |
| 5.6G;VHT20;Nss1,(M0);Ntx1;5700 | Pass | Inf | 23.475M | 17.591M |
| 5.6G;VHT20;Nss1,(M0);Ntx1;5720 | Pass | Inf | 26.64M | 14.798M |
| 5.8G;VHT20;Nss1,(M0);Ntx1;5720 | Pass | 500k | 3.78M | 11.134M |
| 5.8G;VHT20;Nss1,(M0);Ntx1;5745 | Pass | 500k | 17.6M | 17.741M |
| 5.8G;VHT20;Nss1,(M0);Ntx1;5785 | Pass | 500k | 17.7M | 21.014M |
| 5.8G;VHT20;Nss1,(M0);Ntx1;5825 | Pass | 500k | 17.675M | 17.941M |
| 5.2G;VHT40;Nss1,(M0);Ntx1;5190 | Pass | Inf | 41.9M | 35.982M |
| 5.2G;VHT40;Nss1,(M0);Ntx1;5230 | Pass | Inf | 65.15M | 35.982M |
| 5.3G;VHT40;Nss1,(M0);Ntx1;5270 | Pass | Inf | 84.3M | 36.682M |
| 5.3G;VHT40;Nss1,(M0);Ntx1;5310 | Pass | Inf | 41.3M | 35.882M |
| 5.6G;VHT40;Nss1,(M0);Ntx1;5510 | Pass | Inf | 41.9M | 35.932M |
| 5.6G;VHT40;Nss1,(M0);Ntx1;5550 | Pass | Inf | 70.2M | 36.132M |
| 5.6G;VHT40;Nss1,(M0);Ntx1;5670 | Pass | Inf | 72.65M | 36.182M |
| 5.6G;VHT40;Nss1,(M0);Ntx1;5710 | Pass | Inf | 58.17M | 34.248M |
| 5.8G;VHT40;Nss1,(M0);Ntx1;5710 | Pass | 500k | 3.16M | 24.808M |
| 5.8G;VHT40;Nss1,(M0);Ntx1;5755 | Pass | 500k | 36.35M | 36.582M |
| 5.8G;VHT40;Nss1,(M0);Ntx1;5795 | Pass | 500k | 36.3M | 39.68M |
| 5.2G;VHT80;Nss1,(M0);Ntx1;5210 | Pass | Inf | 81.1M | 74.763M |
| 5.3G;VHT80;Nss1,(M0);Ntx1;5290 | Pass | Inf | 81.2M | 74.763M |
| 5.6G;VHT80;Nss1,(M0);Ntx1;5530 | Pass | Inf | 81.2M | 74.563M |
| 5.6G;VHT80;Nss1,(M0);Ntx1;5610 | Pass | Inf | 118.1M | 75.062M |
| 5.6G;VHT80;Nss1,(M0);Ntx1;5690 | Pass | Inf | 117.15M | 73.163M |
| 5.8G;VHT80;Nss1,(M0);Ntx1;5690 | Pass | 500k | 3.12M | 38.041M |
| 5.8G;VHT80;Nss1,(M0);Ntx1;5775 | Pass | 500k | 74.5M | 75.362M |

EBW;Band:5.2G;11a;BWch:20MHz;Nss:1;Nant:1;Ch:5180MHz;TN,VN



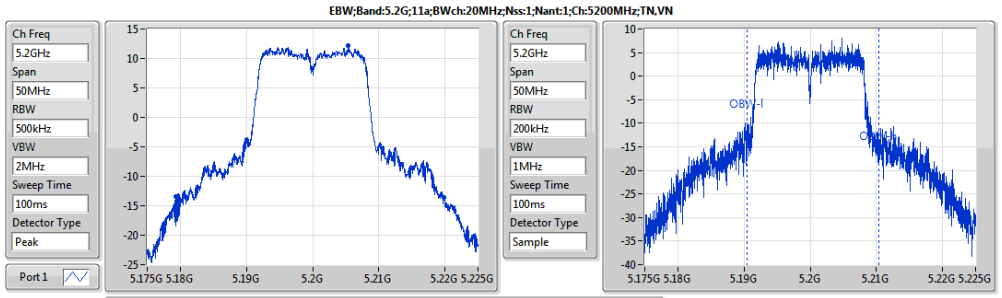

| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|---|---|---|---|---|---|---|---|
| 21.275M | 5.16925G | 5.190525G | 16.442M | 5.171754G | 5.188196G | Inf | 1 |

EBW;Band:5.6G;11a;BWch:20MHz;Nss:1;Nant:1;Ch:5500MHz;TN,VN



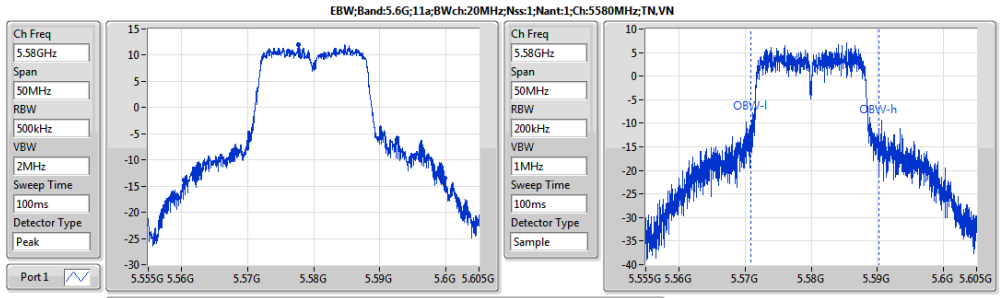

| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|---|---|---|---|---|---|---|---|
| 21.55M | 5.4896G | 5.51115G | 16.467M | 5.491754G | 5.508221G | Inf | 1 |

EBW;Band:5.2G;11a;BWch:20MHz;Nss:1;Nant:1;Ch:5200MHz;TN,VN



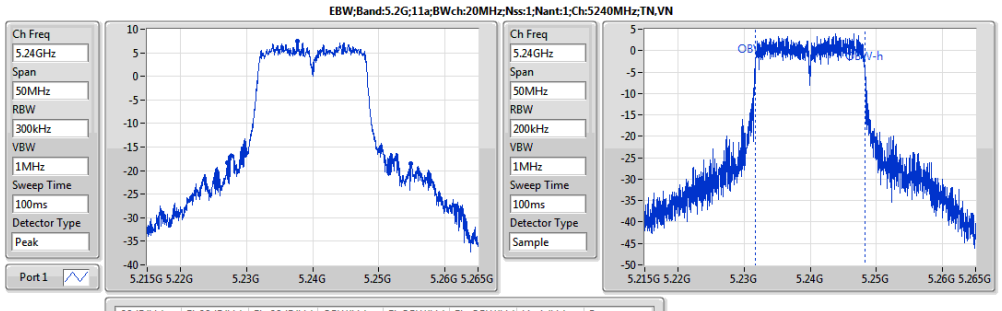

| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|---|---|---|---|---|---|---|---|
| 40.55M | 5.179325G | 5.219875G | 19.89M | 5.19048G | 5.21037G | Inf | 1 |

EBW;Band:5.6G;11a;BWch:20MHz;Nss:1;Nant:1;Ch:5580MHz;TN,VN



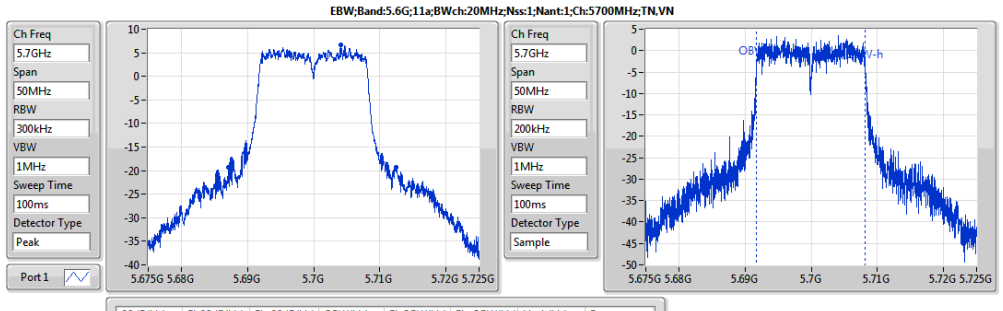

| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|---|---|---|---|---|---|---|---|
| 39.425M | 5.560425G | 5.59985G | 19.415M | 5.57088G | 5.590295G | Inf | 1 |

EBW;Band:5.2G;11a;BWch:20MHz;Nss:1;Nant:1;Ch:5240MHz;TN,VN



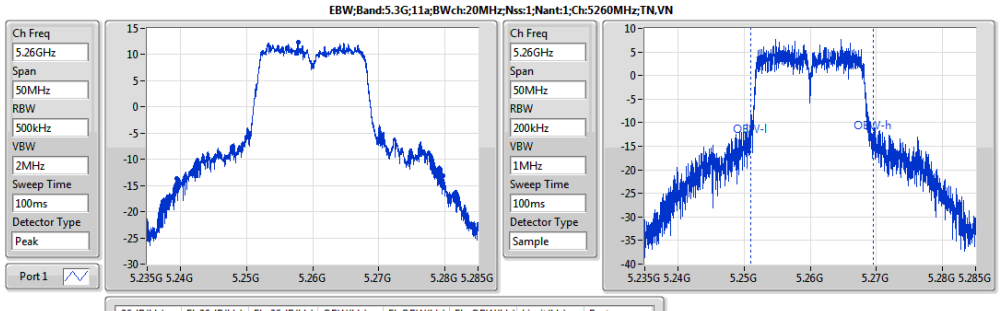

| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|---|---|---|---|---|---|---|---|
| 27.625M | 5.22715G | 5.254775G | 16.542M | 5.231704G | 5.248246G | Inf | 1 |

EBW;Band:5.6G;11a;BWch:20MHz;Nss:1;Nant:1;Ch:5700MHz;TN,VN



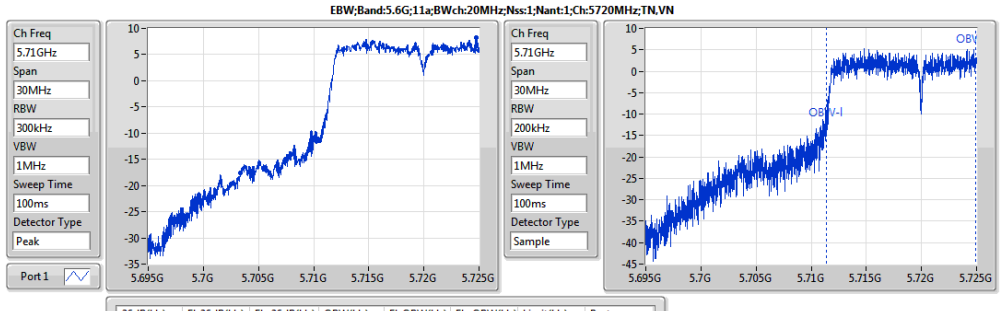

| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|---|---|---|---|---|---|---|---|
| 25.35M | 5.687125G | 5.712475G | 16.467M | 5.691729G | 5.708196G | Inf | 1 |

EBW;Band:5.3G;11a;BWch:20MHz;Nss:1;Nant:1;Ch:5260MHz;TN,VN



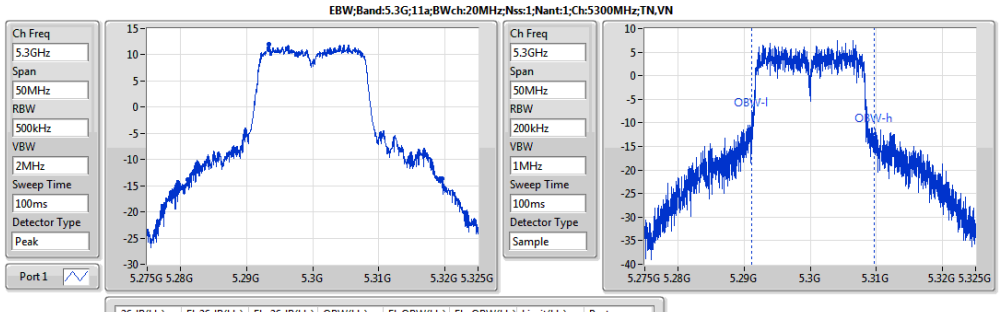

| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|---|---|---|---|---|---|---|---|
| 40.275M | 5.239475G | 5.27975G | 18.516M | 5.251029G | 5.269545G | Inf | 1 |

EBW;Band:5.6G;11a;BWch:20MHz;Nss:1;Nant:1;Ch:5720MHz;TN,VN



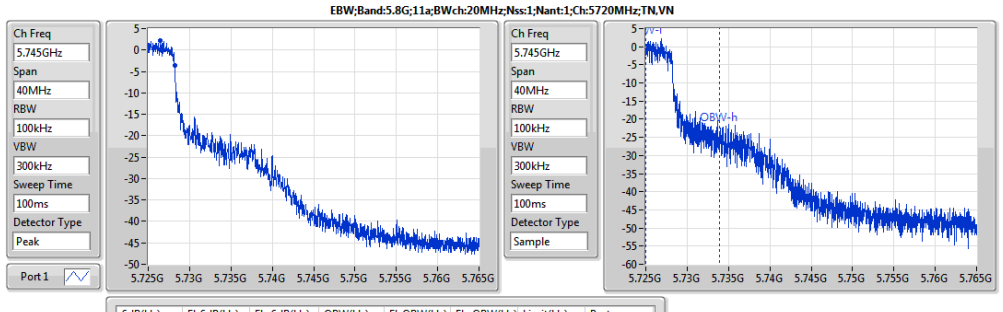

| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|---|---|---|---|---|---|---|---|
| 21.615M | 5.703385G | 5.725G | 13.598M | 5.711349G | 5.724948G | Inf | 1 |

EBW;Band:5.3G;11a;BWch:20MHz;Nss:1;Nant:1;Ch:5300MHz;TN,VN



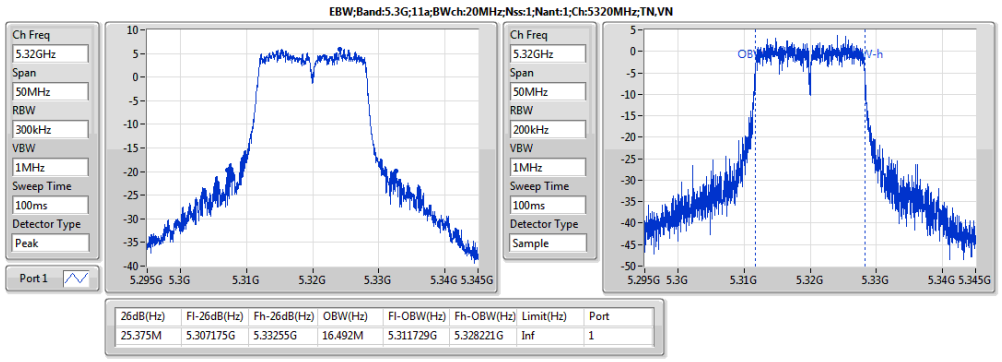

| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|---|---|---|---|---|---|---|---|
| 38.425M | 5.281175G | 5.3196G | 18.466M | 5.291154G | 5.30962G | Inf | 1 |

EBW;Band:5.8G;11a;BWch:20MHz;Nss:1;Nant:1;Ch:5720MHz;TN,VN



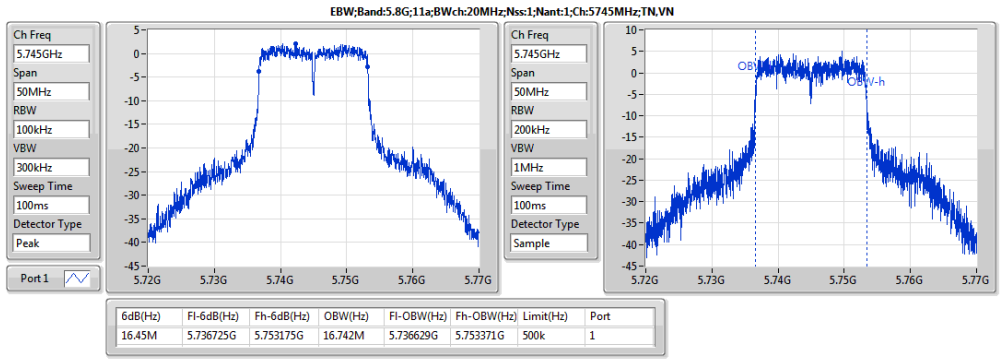

| 6dB(Hz) | Fl-6dB(Hz) | Fh-6dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|---|---|---|---|---|---|---|---|
| 3.22M | 5.725G | 5.72822G | 8.856M | 5.72501G | 5.733866G | 500k | 1 |

EBW;Band:5.3G;11a;BWch:20MHz;Nss:1;Nant:1;Ch:5320MHz;TN,VN



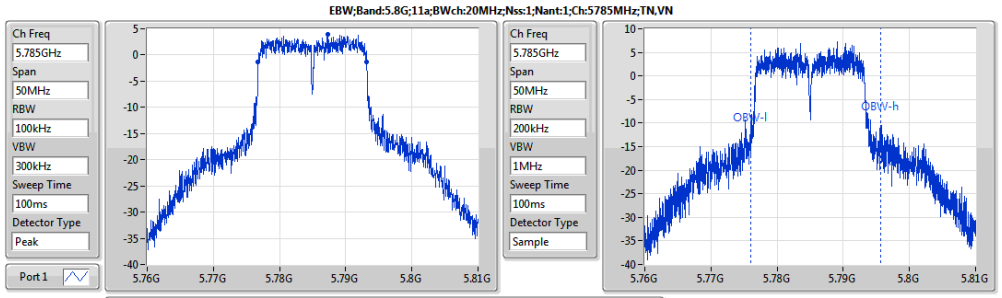

| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|---|---|---|---|---|---|---|---|
| 25.375M | 5.307175G | 5.33255G | 16.492M | 5.311729G | 5.328221G | Inf | 1 |

EBW;Band:5.8G;11a;BWch:20MHz;Nss:1;Nant:1;Ch:5745MHz;TN,VN



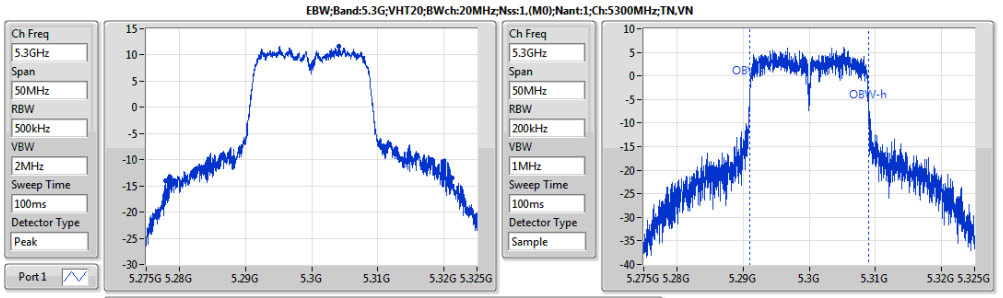

| 6dB(Hz) | Fl-6dB(Hz) | Fh-6dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|---|---|---|---|---|---|---|---|
| 16.45M | 5.736725G | 5.753175G | 16.742M | 5.736629G | 5.753371G | 500k | 1 |

EBW;Band:5.8G;11a;BWch:20MHz;Nss:1;Nant:1;Ch:5785MHz;TN,VN



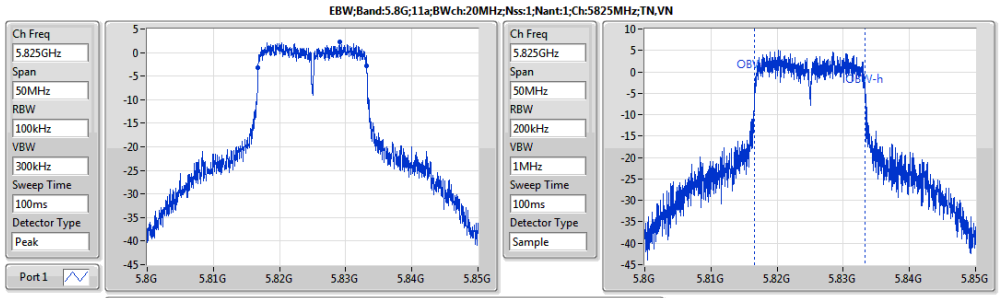

| 6dB(Hz) | Fl-6dB(Hz) | Fh-6dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|---|---|---|---|---|---|---|---|
| 16.425M | 5.77675G | 5.793175G | 19.615M | 5.77598G | 5.795595G | 500k | 1 |

EBW;Band:5.3G;VHT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:5300MHz;TN,VN



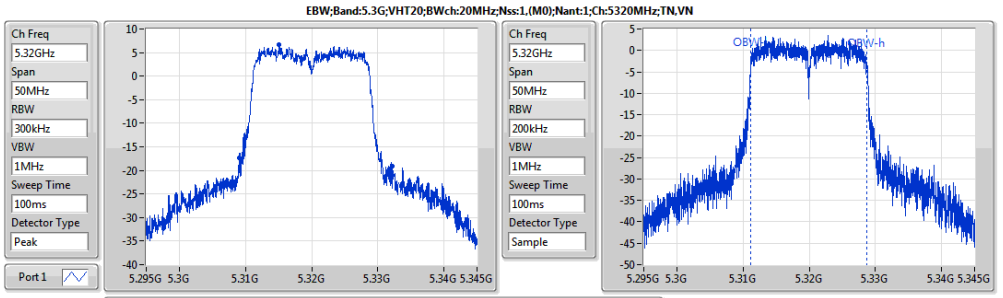

| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|---|---|---|---|---|---|---|---|
| 43.3M | 5.277925G | 5.321225G | 18.016M | 5.291029G | 5.309045G | Inf | 1 |

EBW;Band:5.8G;11a;BWch:20MHz;Nss:1;Nant:1;Ch:5825MHz;TN,VN



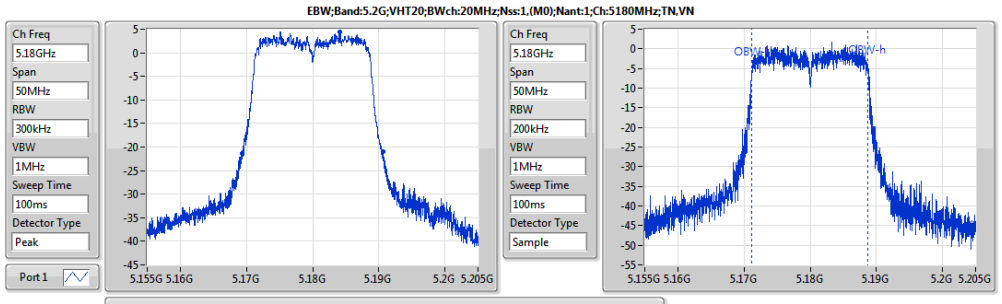

| 6dB(Hz) | Fl-6dB(Hz) | Fh-6dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|---|---|---|---|---|---|---|---|
| 16.45M | 5.816725G | 5.833175G | 16.742M | 5.816604G | 5.833346G | 500k | 1 |

EBW;Band:5.3G;VHT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:5320MHz;TN,VN



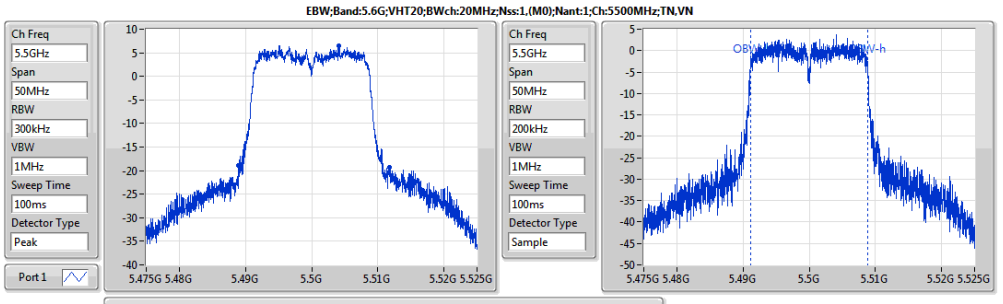

| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|---|---|---|---|---|---|---|---|
| 23.25M | 5.309G | 5.33225G | 17.566M | 5.311179G | 5.328746G | Inf | 1 |

EBW;Band:5.2G;VHT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:5180MHz;TN,VN



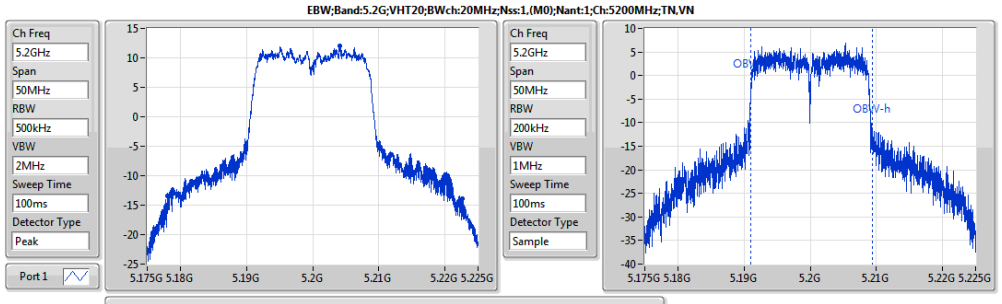

| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|---|---|---|---|---|---|---|---|
| 21.275M | 5.169325G | 5.1906G | 17.566M | 5.171204G | 5.188771G | Inf | 1 |

EBW;Band:5.6G;VHT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:5500MHz;TN,VN



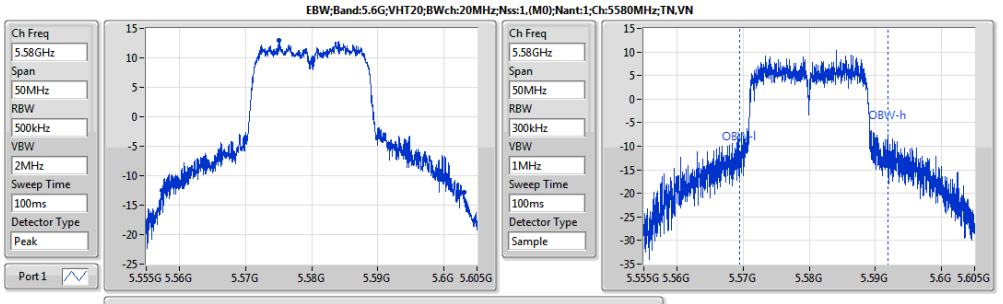

| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|---|---|---|---|---|---|---|---|
| 22.75M | 5.488975G | 5.511725G | 17.641M | 5.491154G | 5.508796G | Inf | 1 |

EBW;Band:5.2G;VHT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:5200MHz;TN,VN



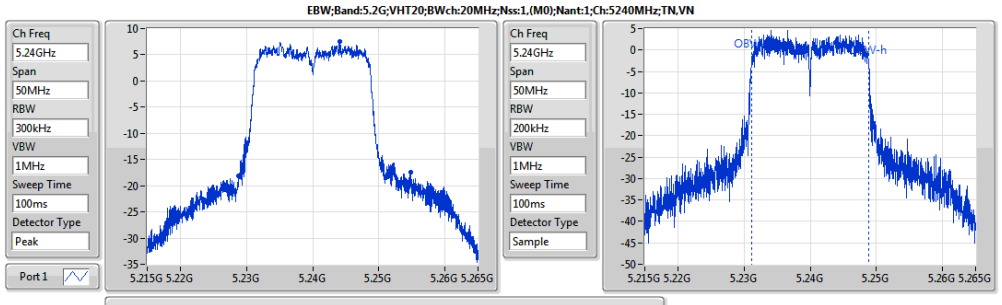

| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|---|---|---|---|---|---|---|---|
| 44.625M | 5.178G | 5.222625G | 18.391M | 5.190955G | 5.209345G | Inf | 1 |

EBW;Band:5.6G;VHT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:5580MHz;TN,VN



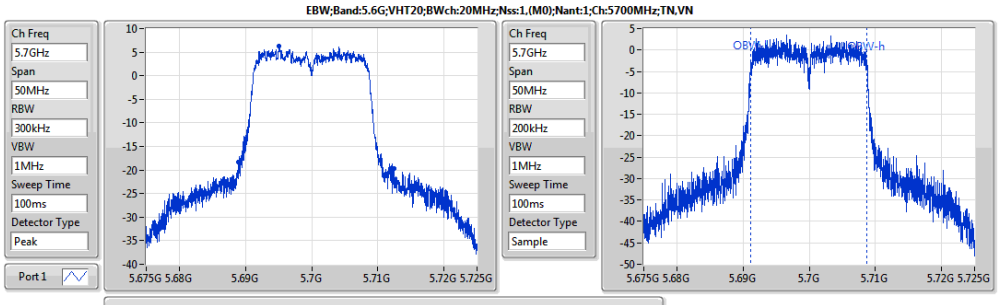

| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|---|---|---|---|---|---|---|---|
| 45.7M | 5.5573G | 5.603G | 22.464M | 5.569505G | 5.591969G | Inf | 1 |

EBW;Band:5.2G;VHT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:5240MHz;TN,VN



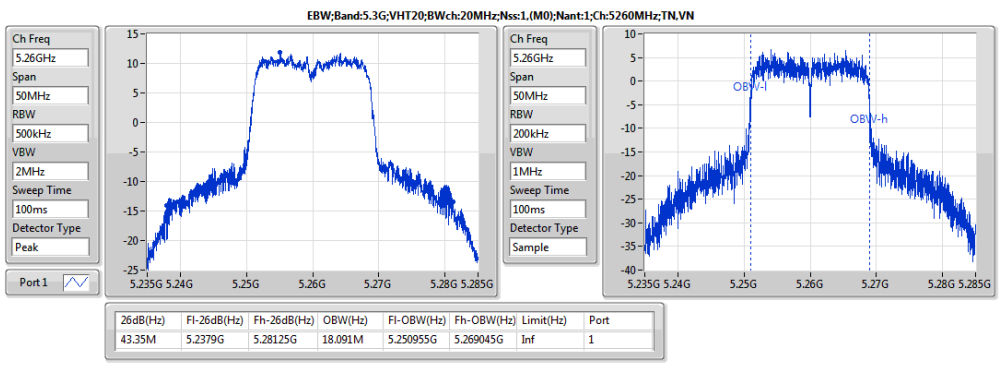

| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|---|---|---|---|---|---|---|---|
| 26.15M | 5.22875G | 5.2549G | 17.691M | 5.231129G | 5.248821G | Inf | 1 |

EBW;Band:5.6G;VHT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:5700MHz;TN,VN



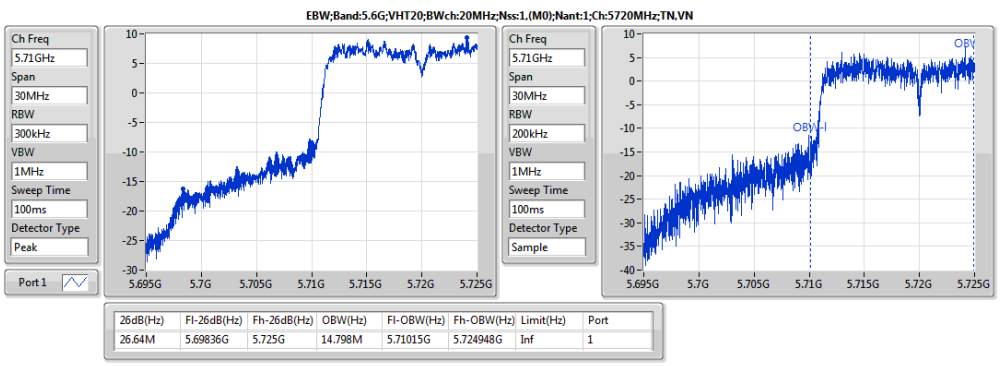

| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|---|---|---|---|---|---|---|---|
| 23.475M | 5.68895G | 5.712425G | 17.591M | 5.691154G | 5.708746G | Inf | 1 |

EBW;Band:5.3G;VHT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:5260MHz;TN,VN



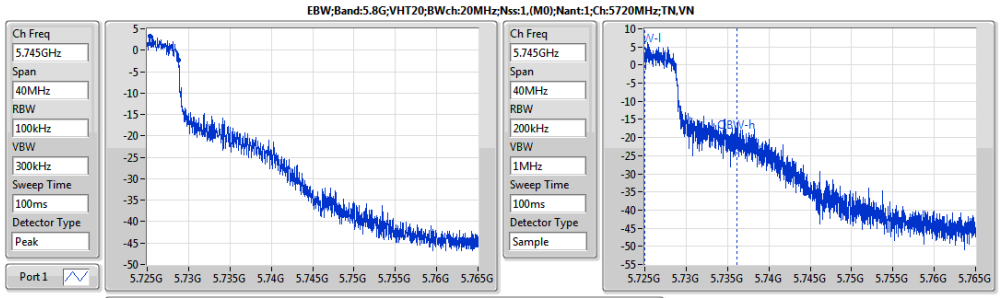

| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|---|---|---|---|---|---|---|---|
| 43.35M | 5.2379G | 5.28125G | 18.091M | 5.250955G | 5.269045G | Inf | 1 |

EBW;Band:5.6G;VHT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:5720MHz;TN,VN



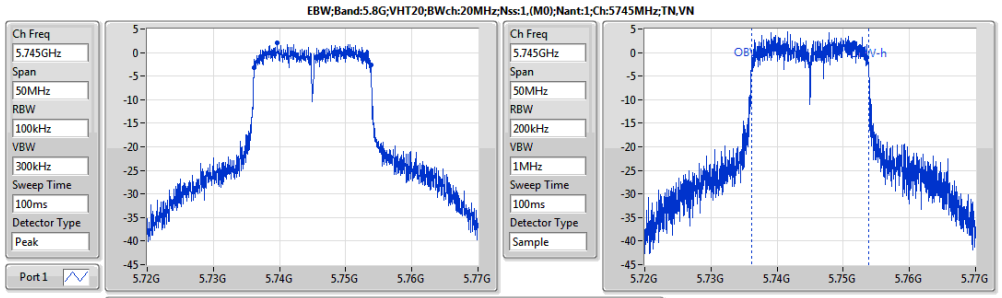

| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|---|---|---|---|---|---|---|---|
| 26.64M | 5.69836G | 5.725G | 14.798M | 5.71015G | 5.724948G | Inf | 1 |

EBW;Band:5.8G;VHT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:5720MHz;TN,VN



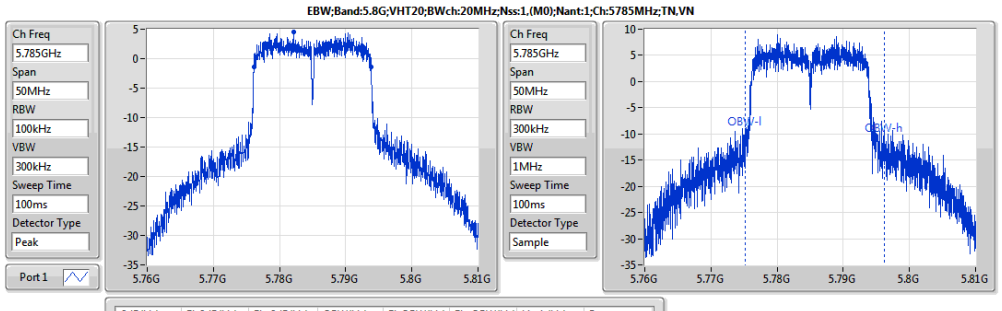

| 6dB(Hz) | Fl-6dB(Hz) | Fh-6dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|---|---|---|---|---|---|---|---|
| 3.78M | 5.725G | 5.72878G | 11.134M | 5.72503G | 5.736164G | 500k | 1 |

EBW;Band:5.8G;VHT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:5745MHz;TN,VN



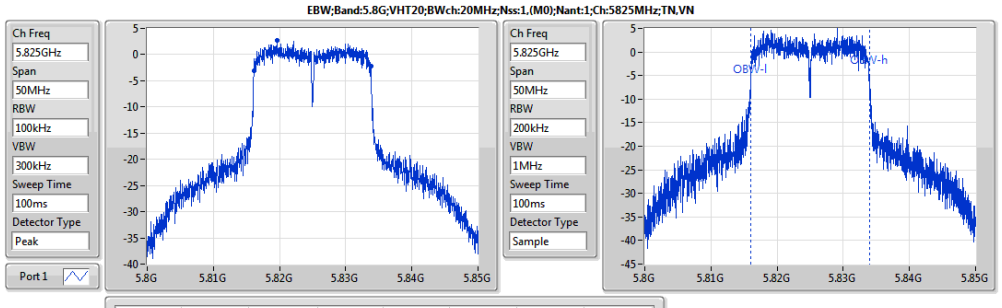

| 6dB(Hz) | Fl-6dB(Hz) | Fh-6dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|---|---|---|---|---|---|---|---|
| 17.6M | 5.736175G | 5.753775G | 17.741M | 5.736129G | 5.753871G | 500k | 1 |

EBW;Band:5.8G;VHT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:5785MHz;TN,VN



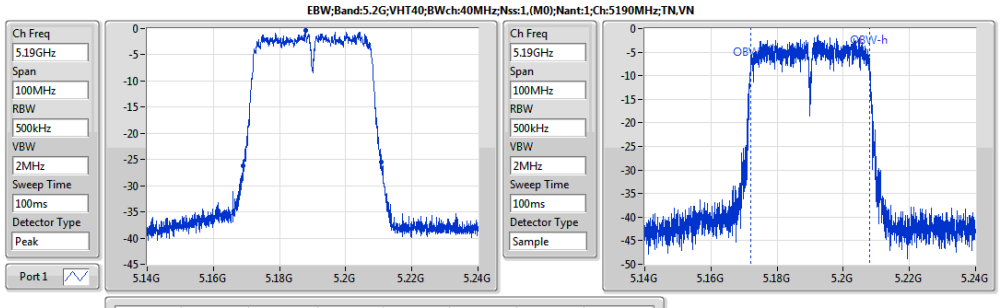

| 6dB(Hz) | Fl-6dB(Hz) | Fh-6dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|---|---|---|---|---|---|---|---|
| 17.7M | 5.7761G | 5.7938G | 21.014M | 5.775205G | 5.796219G | 500k | 1 |

EBW;Band:5.8G;VHT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:5825MHz;TN,VN



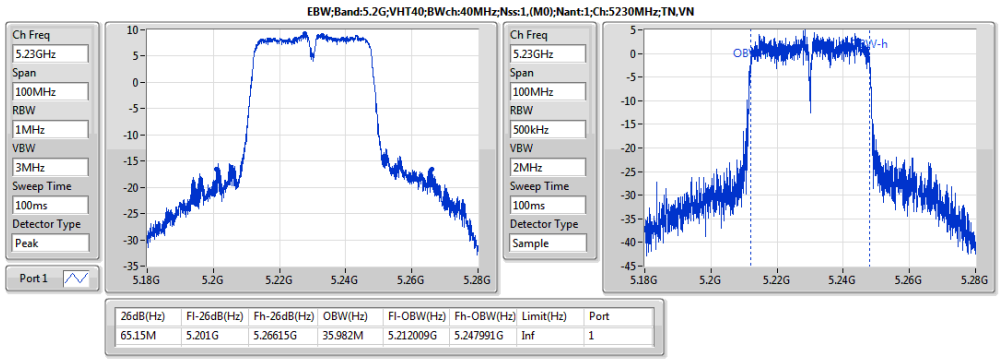

| 6dB(Hz) | Fl-6dB(Hz) | Fh-6dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|---|---|---|---|---|---|---|---|
| 17.675M | 5.8161G | 5.833775G | 17.941M | 5.816004G | 5.833946G | 500k | 1 |

EBW;Band:5.2G;VHT40;BWch:40MHz;Nss:1,(M0);Nant:1;Ch:5190MHz;TN,VN



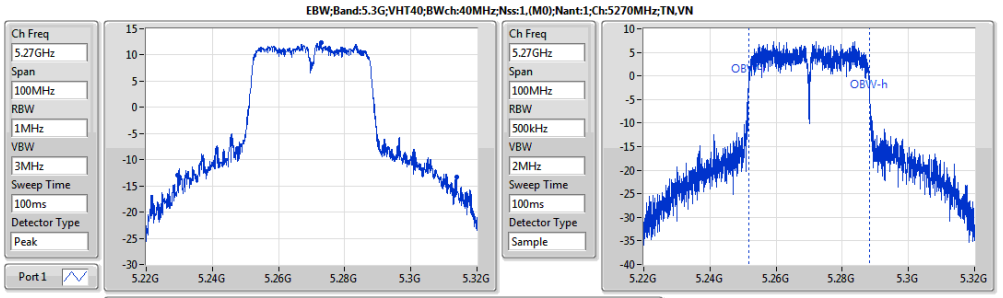

| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|---|---|---|---|---|---|---|---|
| 41.9M | 5.16895G | 5.21085G | 35.982M | 5.172009G | 5.207991G | Inf | 1 |

EBW;Band:5.2G;VHT40;BWch:40MHz;Nss:1,(M0);Nant:1;Ch:5230MHz;TN,VN



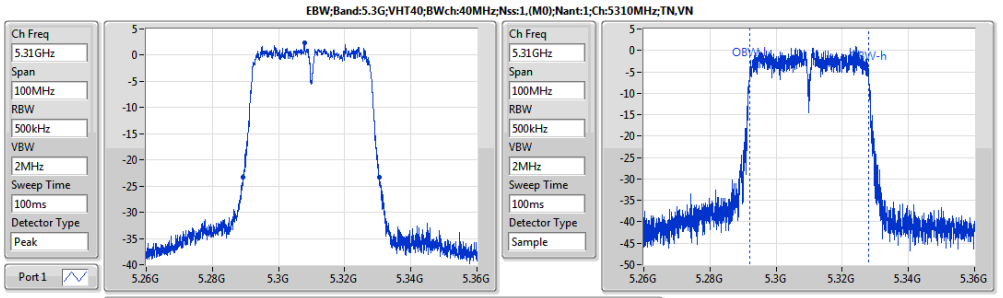

| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|---|---|---|---|---|---|---|---|
| 65.15M | 5.201G | 5.26615G | 35.982M | 5.212009G | 5.247991G | Inf | 1 |

EBW;Band:5.3G;VHT40;BWch:40MHz;Nss:1,(M0);Nant:1;Ch:5270MHz;TN,VN



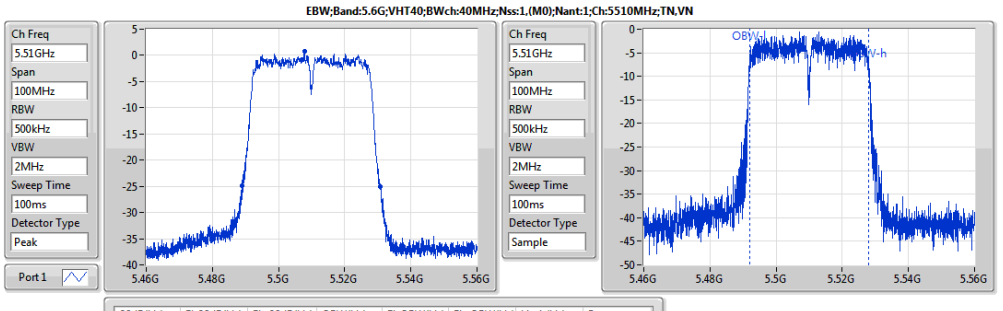

| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|---|---|---|---|---|---|---|---|
| 84.3M | 5.2295G | 5.3138G | 36.682M | 5.251659G | 5.288341G | Inf | 1 |

EBW;Band:5.3G;VHT40;BWch:40MHz;Nss:1,(M0);Nant:1;Ch:5310MHz;TN,VN



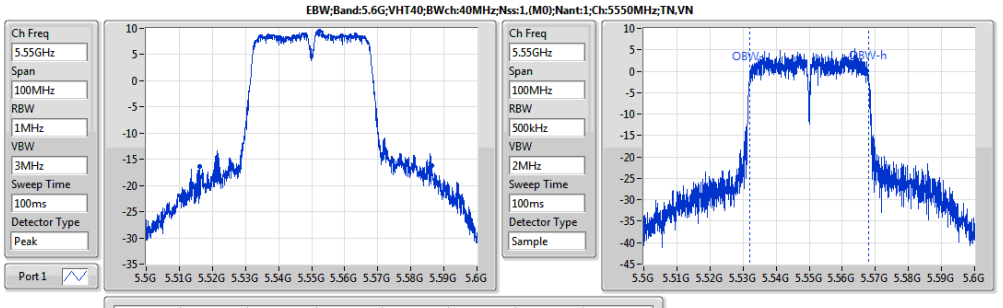

| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|---|---|---|---|---|---|---|---|
| 41.3M | 5.28925G | 5.33055G | 35.882M | 5.292009G | 5.327891G | Inf | 1 |

EBW;Band:5.6G;VHT40;BWch:40MHz;Nss:1,(M0);Nant:1;Ch:5510MHz;TN,VN



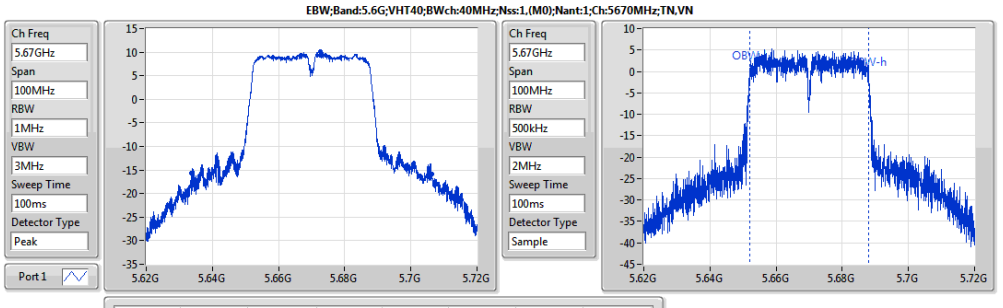

| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|---|---|---|---|---|---|---|---|
| 41.9M | 5.48895G | 5.53085G | 35.932M | 5.492009G | 5.527941G | Inf | 1 |

EBW;Band:5.6G;VHT40;BWch:40MHz;Nss:1,(M0);Nant:1;Ch:5550MHz;TN,VN



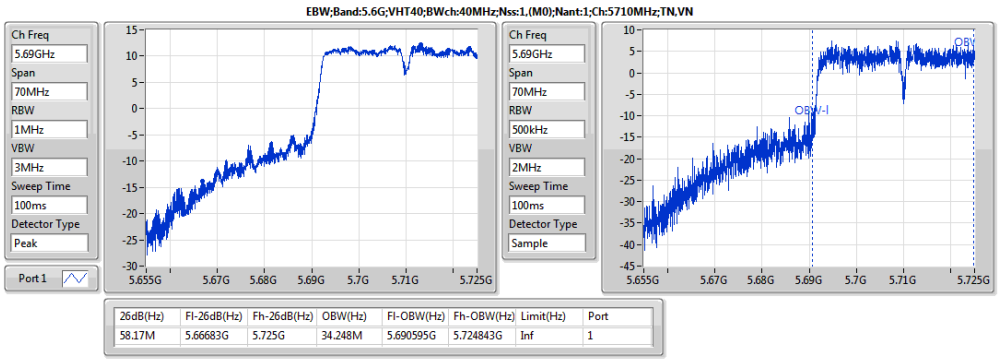

| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|---|---|---|---|---|---|---|---|
| 70.2M | 5.5162G | 5.5864G | 36.132M | 5.531959G | 5.568091G | Inf | 1 |

EBW;Band:5.6G;VHT40;BWch:40MHz;Nss:1,(M0);Nant:1;Ch:5670MHz;TN,VN



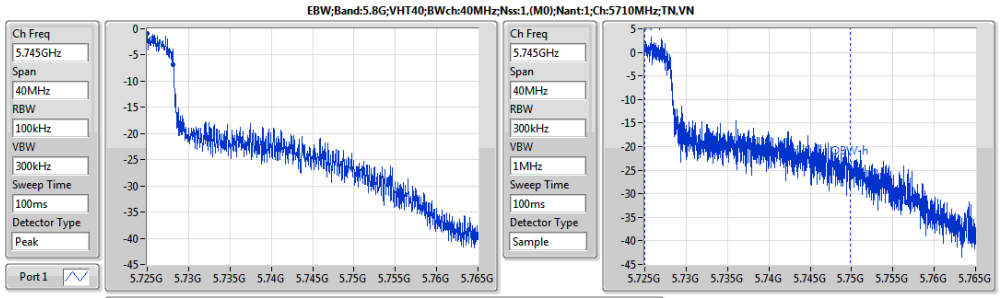

| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|---|---|---|---|---|---|---|---|
| 72.65M | 5.63365G | 5.7063G | 36.182M | 5.651909G | 5.688091G | Inf | 1 |

EBW;Band:5.6G;VHT40;BWch:40MHz;Nss:1,(M0);Nant:1;Ch:5710MHz;TN,VN



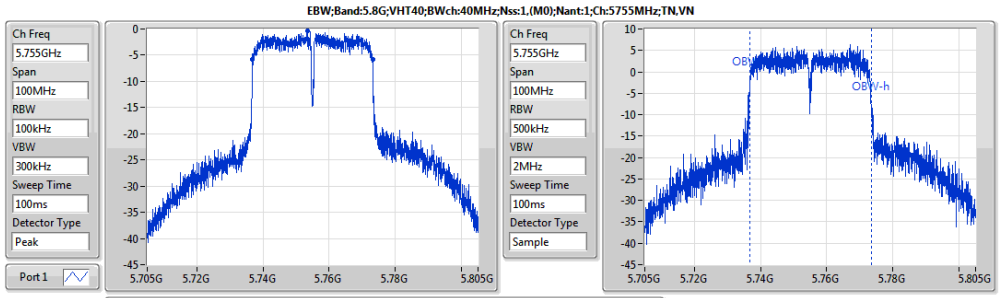

| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|---|---|---|---|---|---|---|---|
| 58.17M | 5.66683G | 5.725G | 34.248M | 5.690595G | 5.724843G | Inf | 1 |

EBW;Band:5.8G;VHT40;BWch:40MHz;Nss:1,(M0);Nant:1;Ch:5710MHz;TN,VN



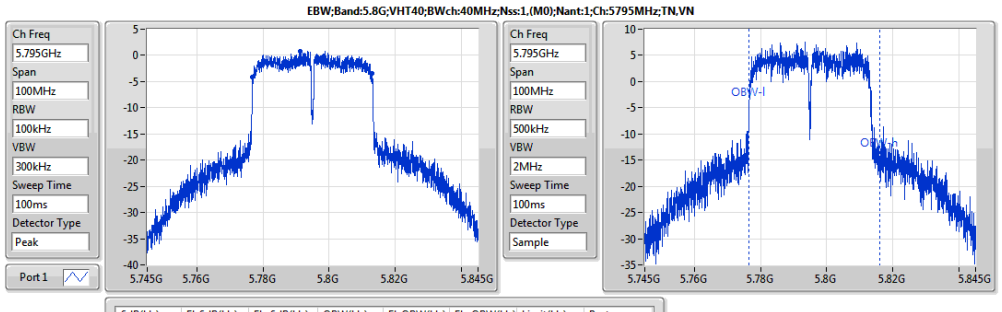

| 6dB(Hz) | Fl-6dB(Hz) | Fh-6dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|---|---|---|---|---|---|---|---|
| 3.16M | 5.725G | 5.72816G | 24.808M | 5.72501G | 5.749818G | 500k | 1 |

EBW;Band:5.8G;VHT40;BWch:40MHz;Nss:1,(M0);Nant:1;Ch:5755MHz;TN,VN



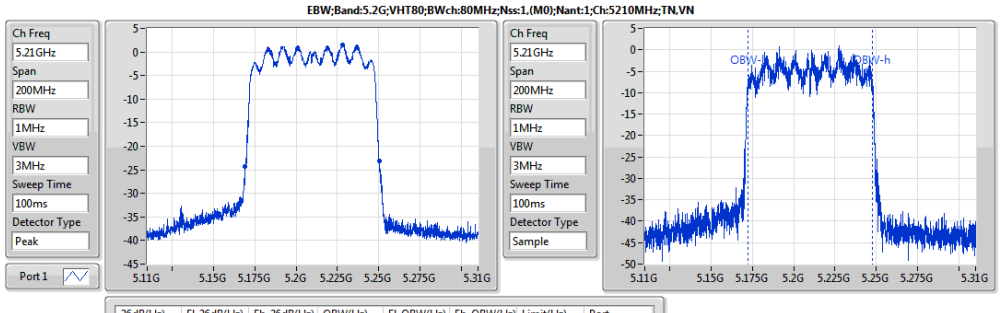

| 6dB(Hz) | Fl-6dB(Hz) | Fh-6dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|---|---|---|---|---|---|---|---|
| 36.35M | 5.7368G | 5.77315G | 36.582M | 5.736809G | 5.773391G | 500k | 1 |

EBW;Band:5.8G;VHT40;BWch:40MHz;Nss:1,(M0);Nant:1;Ch:5795MHz;TN,VN



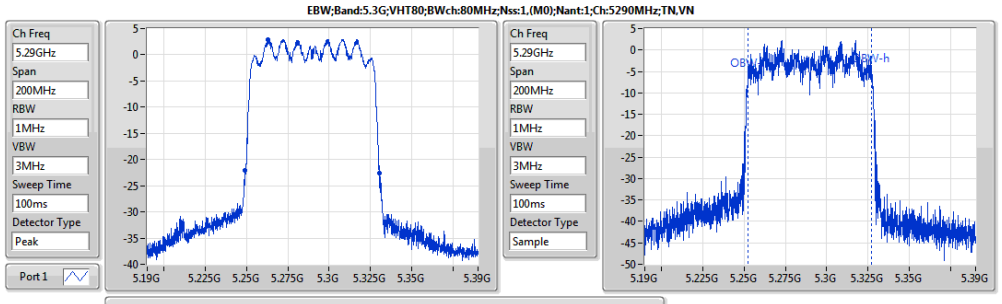

| 6dB(Hz) | Fl-6dB(Hz) | Fh-6dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|---|---|---|---|---|---|---|---|
| 36.3M | 5.7768G | 5.8131G | 39.68M | 5.776409G | 5.816089G | 500k | 1 |

EBW;Band:5.2G;VHT80;BWch:80MHz;Nss:1,(M0);Nant:1;Ch:5210MHz;TN,VN



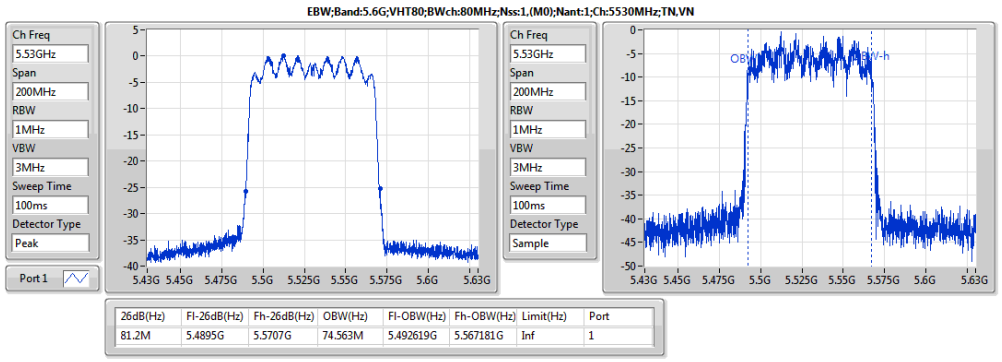

| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|---|---|---|---|---|---|---|---|
| 81.1M | 5.1693G | 5.2504G | 74.763M | 5.172619G | 5.247381G | Inf | 1 |

EBW;Band:5.3G;VHT80;BWch:80MHz;Nss:1,(M0);Nant:1;Ch:5290MHz;TN,VN



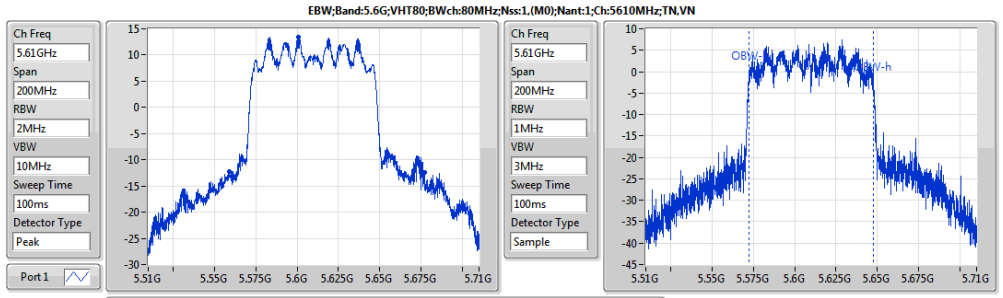

| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|---|---|---|---|---|---|---|---|
| 81.2M | 5.2493G | 5.3305G | 74.763M | 5.252519G | 5.327281G | Inf | 1 |

EBW;Band:5.6G;VHT80;BWch:80MHz;Nss:1,(M0);Nant:1;Ch:5530MHz;TN,VN



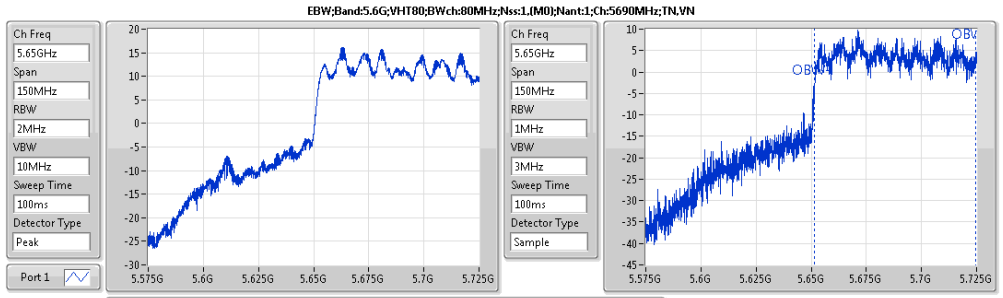

| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|---|---|---|---|---|---|---|---|
| 81.2M | 5.4895G | 5.5707G | 74.563M | 5.492619G | 5.567181G | Inf | 1 |

EBW;Band:5.6G;VHT80;BWch:80MHz;Nss:1,(M0);Nant:1;Ch:5610MHz;TN,VN



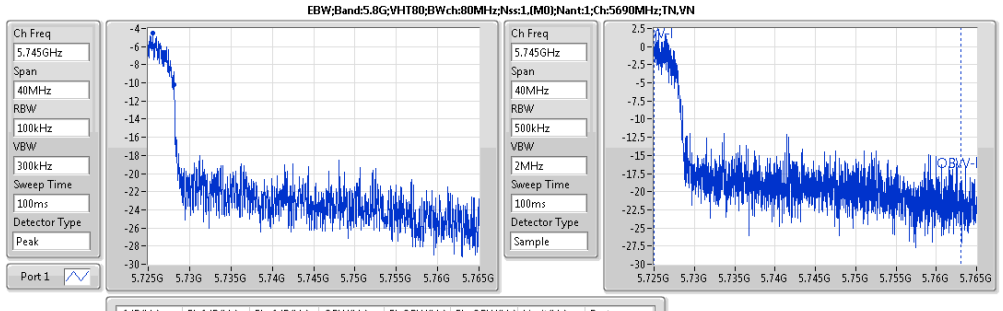

| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|---|---|---|---|---|---|---|---|
| 118.1M | 5.5591G | 5.6772G | 75.062M | 5.572419G | 5.647481G | Inf | 1 |

EBW;Band:5.6G;VHT80;BWch:80MHz;Nss:1,(M0);Nant:1;Ch:5690MHz;TN,VN



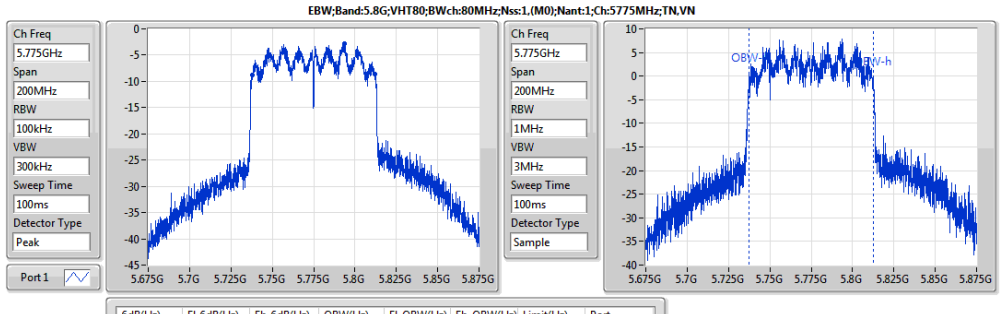

| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|---|---|---|---|---|---|---|---|
| 117.15M | 5.60785G | 5.725G | 73.163M | 5.651424G | 5.724588G | Inf | 1 |

EBW;Band:5.8G;VHT80;BWch:80MHz;Nss:1,(M0);Nant:1;Ch:5690MHz;TN,VN




| 6dB(Hz) | Fl-6dB(Hz) | Fh-6dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|---|---|---|---|---|---|---|---|
| 3.12M | 5.725G | 5.72812G | 38.041M | 5.72501G | 5.763051G | 500k | 1 |

EBW;Band:5.8G;VHT80;BWch:80MHz;Nss:1,(M0);Nant:1;Ch:5775MHz;TN,VN




| 6dB(Hz) | Fl-6dB(Hz) | Fh-6dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|---|---|---|---|---|---|---|---|
| 74.5M | 5.7378G | 5.8123G | 75.362M | 5.737419G | 5.812781G | 500k | 1 |

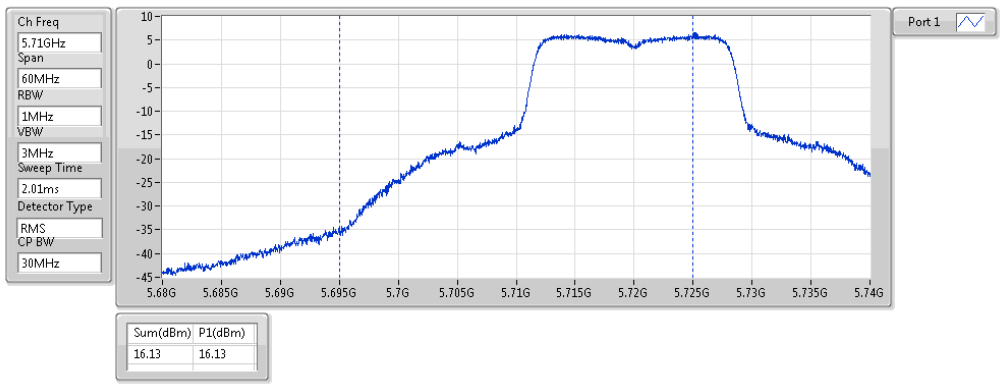
## Summary

| Mode | Sum (dBm) | Sum (W) | EIRP (dBm) | EIRP (W) |
|---|---|---|---|---|
| 5.2G;11a;Nss1;Ntx1 | 18.17 | 0.06561 | 23.17 | 0.20749 |
| 5.3G;11a;Nss1;Ntx1 | 18.22 | 0.06637 | 23.22 | 0.20989 |
| 5.6G;11a;Nss1;Ntx1 | 18.23 | 0.06653 | 23.23 | 0.21038 |
| 5.8G;11a;Nss1;Ntx1 | 18.16 | 0.06546 | 23.16 | 0.20701 |
| 5.2G;VHT20;Nss1,(M0);Ntx1 | 18.08 | 0.06427 | 23.08 | 0.20324 |
| 5.3G;VHT20;Nss1,(M0);Ntx1 | 18.23 | 0.06653 | 23.23 | 0.21038 |
| 5.6G;VHT20;Nss1,(M0);Ntx1 | 18.21 | 0.06622 | 23.21 | 0.20941 |
| 5.8G;VHT20;Nss1,(M0);Ntx1 | 18.16 | 0.06546 | 23.16 | 0.20701 |
| 5.2G;VHT40;Nss1,(M0);Ntx1 | 17.23 | 0.05284 | 22.23 | 0.16711 |
| 5.3G;VHT40;Nss1,(M0);Ntx1 | 18.08 | 0.06427 | 23.08 | 0.20324 |
| 5.6G;VHT40;Nss1,(M0);Ntx1 | 18.21 | 0.06622 | 23.21 | 0.20941 |
| 5.8G;VHT40;Nss1,(M0);Ntx1 | 18.21 | 0.06622 | 23.21 | 0.20941 |
| 5.2G;VHT80;Nss1,(M0);Ntx1 | 11.17 | 0.01309 | 16.17 | 0.0414 |
| 5.3G;VHT80;Nss1,(M0);Ntx1 | 12.63 | 0.01832 | 17.63 | 0.05794 |
| 5.6G;VHT80;Nss1,(M0);Ntx1 | 17.56 | 0.05702 | 22.56 | 0.1803 |
| 5.8G;VHT80;Nss1,(M0);Ntx1 | 18.21 | 0.06622 | 23.21 | 0.20941 |

## Result

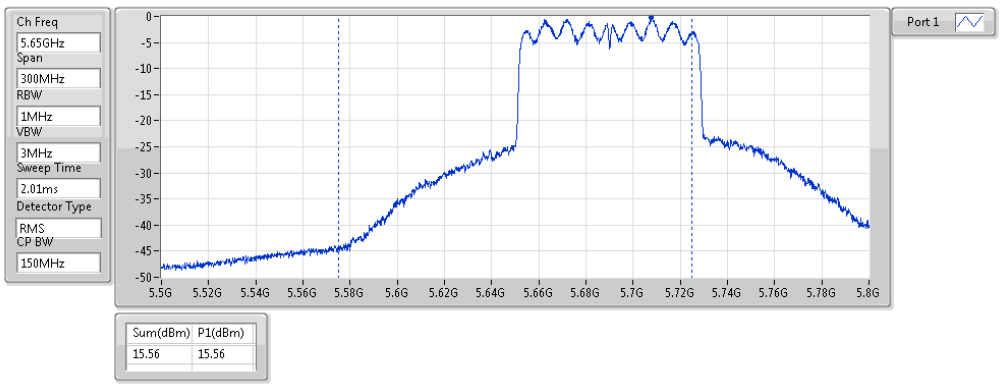
| Mode | Result | DG (dBi) | Sum (dBm) | Sum Lim. (dBm) | EIRP (dBm) | EIRP Lim. (dBm) | P1 (dBm) |
|---|---|---|---|---|---|---|---|
| 5.2G;11a;Nss1;Ntx1;5180 | Pass | 5.00 | 16.94 | 23.98 | 21.94 | 30.00 | 16.94 |
| 5.2G;11a;Nss1;Ntx1;5200 | Pass | 5.00 | 18.17 | 23.98 | 23.17 | 30.00 | 18.17 |
| 5.2G;11a;Nss1;Ntx1;5240 | Pass | 5.00 | 17.07 | 23.98 | 22.07 | 30.00 | 17.07 |
| 5.3G;11a;Nss1;Ntx1;5260 | Pass | 5.00 | 18.15 | 23.98 | 23.15 | 30.00 | 18.15 |
| 5.3G;11a;Nss1;Ntx1;5300 | Pass | 5.00 | 18.22 | 23.98 | 23.22 | 30.00 | 18.22 |
| 5.3G;11a;Nss1;Ntx1;5320 | Pass | 5.00 | 16.24 | 23.98 | 21.24 | 30.00 | 16.24 |
| 5.6G;11a;Nss1;Ntx1;5500 | Pass | 5.00 | 16.33 | 23.98 | 21.33 | 30.00 | 16.33 |
| 5.6G;11a;Nss1;Ntx1;5580 | Pass | 5.00 | 18.23 | 23.98 | 23.23 | 30.00 | 18.23 |
| 5.6G;11a;Nss1;Ntx1;5700 | Pass | 5.00 | 17.08 | 23.98 | 22.08 | 30.00 | 17.08 |
| 5.6G;11a;Nss1;Ntx1;5720 | Pass | 5.00 | 16.13 | 23.98 | 21.13 | 30.00 | 16.13 |
| 5.8G;11a;Nss1;Ntx1;5720 | Pass | 5.00 | 9.55 | 30.00 | 14.55 | 36.00 | 9.55 |
| 5.8G;11a;Nss1;Ntx1;5745 | Pass | 5.00 | 18.16 | 30.00 | 23.16 | 36.00 | 18.16 |
| 5.8G;11a;Nss1;Ntx1;5785 | Pass | 5.00 | 18.11 | 30.00 | 23.11 | 36.00 | 18.11 |
| 5.8G;11a;Nss1;Ntx1;5825 | Pass | 5.00 | 18.02 | 30.00 | 23.02 | 36.00 | 18.02 |
| 5.2G;VHT20;Nss1,(M0);Ntx1;5180 | Pass | 5.00 | 16.66 | 23.98 | 21.66 | 30.00 | 16.66 |
| 5.2G;VHT20;Nss1,(M0);Ntx1;5200 | Pass | 5.00 | 18.08 | 23.98 | 23.08 | 30.00 | 18.08 |
| 5.2G;VHT20;Nss1,(M0);Ntx1;5240 | Pass | 5.00 | 18.01 | 23.98 | 23.01 | 30.00 | 18.01 |
| 5.3G;VHT20;Nss1,(M0);Ntx1;5260 | Pass | 5.00 | 18.19 | 23.98 | 23.19 | 30.00 | 18.19 |
| 5.3G;VHT20;Nss1,(M0);Ntx1;5300 | Pass | 5.00 | 18.23 | 23.98 | 23.23 | 30.00 | 18.23 |
| 5.3G;VHT20;Nss1,(M0);Ntx1;5320 | Pass | 5.00 | 18.08 | 23.98 | 23.08 | 30.00 | 18.08 |
| 5.6G;VHT20;Nss1,(M0);Ntx1;5500 | Pass | 5.00 | 16.57 | 23.98 | 21.57 | 30.00 | 16.57 |
| 5.6G;VHT20;Nss1,(M0);Ntx1;5580 | Pass | 5.00 | 18.21 | 23.98 | 23.21 | 30.00 | 18.21 |
| 5.6G;VHT20;Nss1,(M0);Ntx1;5700 | Pass | 5.00 | 16.08 | 23.98 | 21.08 | 30.00 | 16.08 |
| 5.6G;VHT20;Nss1,(M0);Ntx1;5720 | Pass | 5.00 | 14.80 | 23.98 | 19.80 | 30.00 | 14.80 |
| 5.8G;VHT20;Nss1,(M0);Ntx1;5720 | Pass | 5.00 | 9.18 | 30.00 | 14.18 | 36.00 | 9.18 |
| 5.8G;VHT20;Nss1,(M0);Ntx1;5745 | Pass | 5.00 | 18.16 | 30.00 | 23.16 | 36.00 | 18.16 |
| 5.8G;VHT20;Nss1,(M0);Ntx1;5785 | Pass | 5.00 | 18.12 | 30.00 | 23.12 | 36.00 | 18.12 |
| 5.8G;VHT20;Nss1,(M0);Ntx1;5825 | Pass | 5.00 | 18.13 | 30.00 | 23.13 | 36.00 | 18.13 |
| 5.2G;VHT40;Nss1,(M0);Ntx1;5190 | Pass | 5.00 | 12.34 | 23.98 | 17.34 | 30.00 | 12.34 |
| 5.2G;VHT40;Nss1,(M0);Ntx1;5230 | Pass | 5.00 | 17.23 | 23.98 | 22.23 | 30.00 | 17.23 |
| 5.3G;VHT40;Nss1,(M0);Ntx1;5270 | Pass | 5.00 | 18.08 | 23.98 | 23.08 | 30.00 | 18.08 |
| 5.3G;VHT40;Nss1,(M0);Ntx1;5310 | Pass | 5.00 | 13.11 | 23.98 | 18.11 | 30.00 | 13.11 |
| 5.6G;VHT40;Nss1,(M0);Ntx1;5510 | Pass | 5.00 | 11.88 | 23.98 | 16.88 | 30.00 | 11.88 |
| 5.6G;VHT40;Nss1,(M0);Ntx1;5550 | Pass | 5.00 | 18.21 | 23.98 | 23.21 | 30.00 | 18.21 |
| 5.6G;VHT40;Nss1,(M0);Ntx1;5670 | Pass | 5.00 | 18.19 | 23.98 | 23.19 | 30.00 | 18.19 |
| 5.6G;VHT40;Nss1,(M0);Ntx1;5710 | Pass | 5.00 | 15.76 | 23.98 | 20.76 | 30.00 | 15.76 |
| 5.8G;VHT40;Nss1,(M0);Ntx1;5710 | Pass | 5.00 | 5.06 | 30.00 | 10.06 | 36.00 | 5.06 |
| 5.8G;VHT40;Nss1,(M0);Ntx1;5755 | Pass | 5.00 | 18.21 | 30.00 | 23.21 | 36.00 | 18.21 |
| 5.8G;VHT40;Nss1,(M0);Ntx1;5795 | Pass | 5.00 | 18.15 | 30.00 | 23.15 | 36.00 | 18.15 |
| 5.2G;VHT80;Nss1,(M0);Ntx1;5210 | Pass | 5.00 | 11.17 | 23.98 | 16.17 | 30.00 | 11.17 |
| 5.3G;VHT80;Nss1,(M0);Ntx1;5290 | Pass | 5.00 | 12.63 | 23.98 | 17.63 | 30.00 | 12.63 |
| 5.6G;VHT80;Nss1,(M0);Ntx1;5530 | Pass | 5.00 | 10.41 | 23.98 | 15.41 | 30.00 | 10.41 |
| 5.6G;VHT80;Nss1,(M0);Ntx1;5610 | Pass | 5.00 | 17.56 | 23.98 | 22.56 | 30.00 | 17.56 |
| 5.6G;VHT80;Nss1,(M0);Ntx1;5690 | Pass | 5.00 | 15.56 | 23.98 | 20.56 | 30.00 | 15.56 |
| 5.8G;VHT80;Nss1,(M0);Ntx1;5690 | Pass | 5.00 | 1.93 | 30.00 | 6.93 | 36.00 | 1.93 |
| 5.8G;VHT80;Nss1,(M0);Ntx1;5775 | Pass | 5.00 | 18.21 | 30.00 | 23.21 | 36.00 | 18.21 |

PowerAV;Band:5.6G;11a;BWch:20MHz;Nss:1;Nant:1;Ch:5720MHz;TN,VN



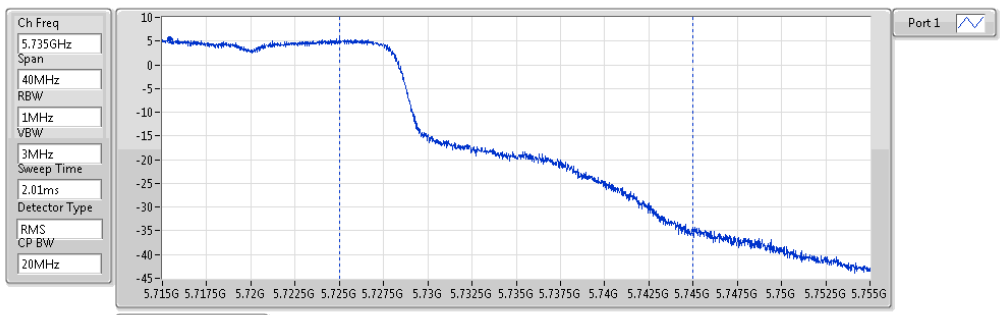

| Sum(dBm) | P1(dBm) |
|---|---|
| 16.13 | 16.13 |

PowerAV;Band:5.6G;VHT80;BWch:80MHz;Nss:1,(M0);Nant:1;Ch:5690MHz;TN,VN



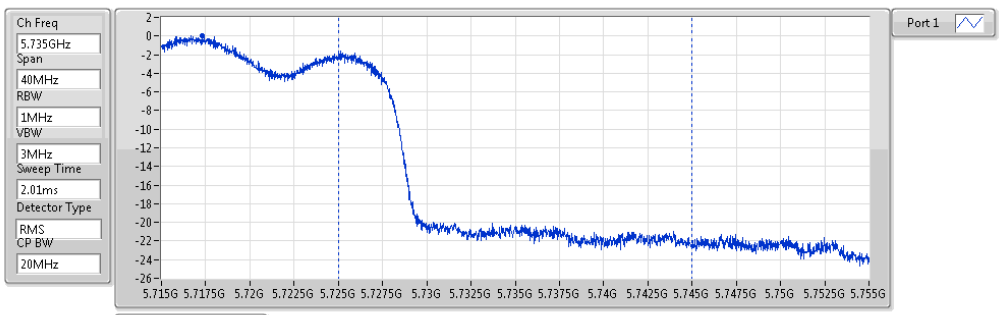

| Sum(dBm) | P1(dBm) |
|---|---|
| 15.56 | 15.56 |

PowerAV;Band:5.8G;11a;BWch:20MHz;Nss:1;Nant:1;Ch:5720MHz;TN,VN



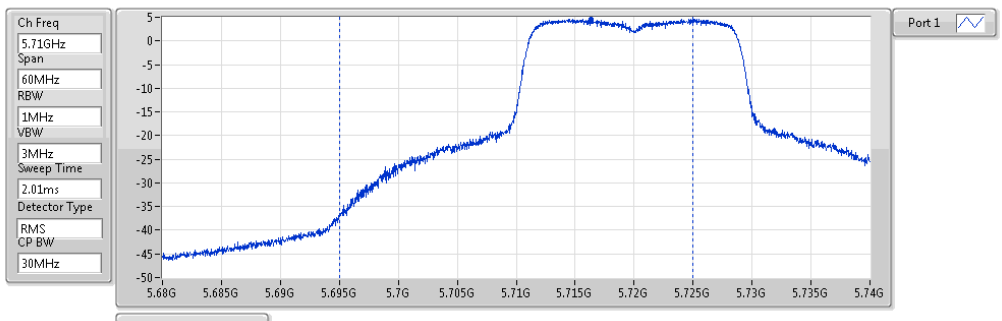

| Sum(dBm) | P1(dBm) |
|---|---|
| 9.55 | 9.55 |

PowerAV;Band:5.8G;VHT80;BWch:80MHz;Nss:1,(M0);Nant:1;Ch:5690MHz;TN,VN



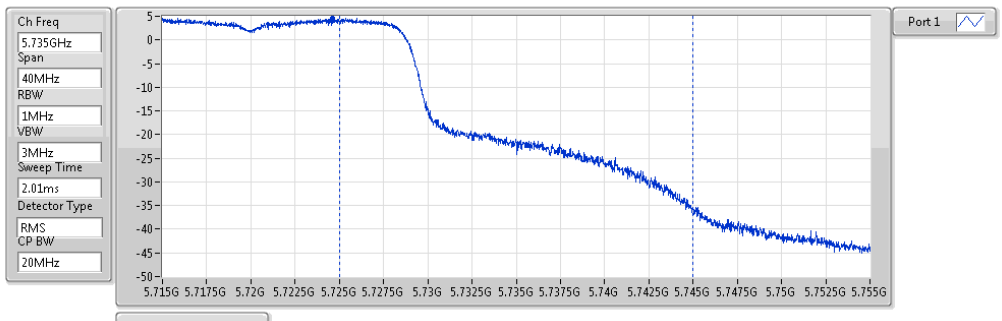

| Sum(dBm) | P1(dBm) |
|---|---|
| 1.93 | 1.93 |

PowerAV;Band:5.6G;VHT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:5720MHz;TN,VN



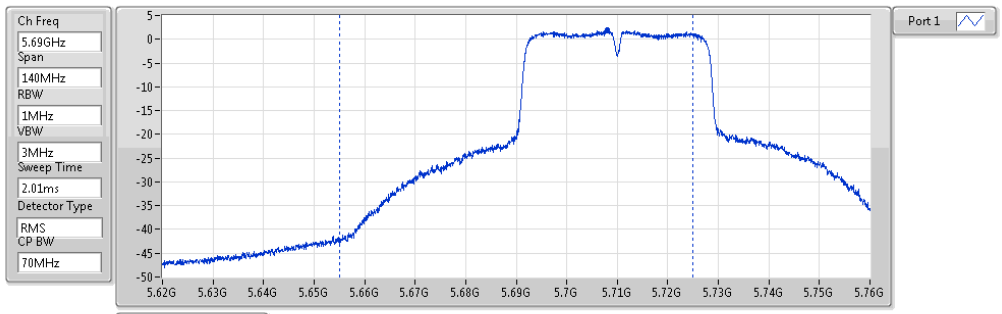

| Sum(dBm) | P1(dBm) |
|---|---|
| 14.80 | 14.80 |

PowerAV;Band:5.8G;VHT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:5720MHz;TN,VN



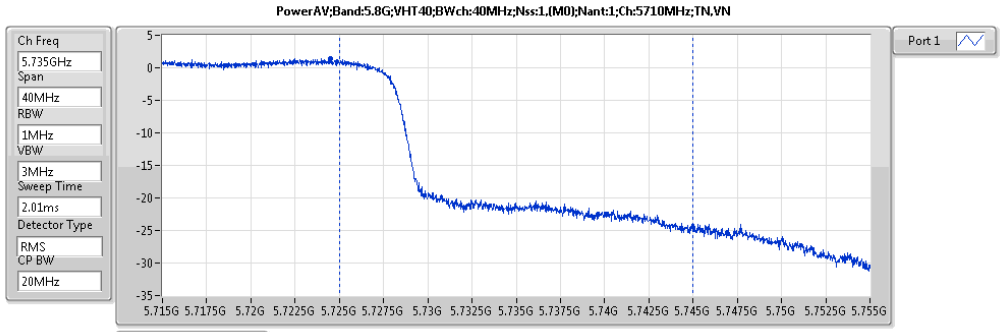

| Sum(dBm) | P1(dBm) |
|---|---|
| 9.18 | 9.18 |

PowerAV;Band:5.6G;VHT40;BWch:40MHz;Nss:1,(M0);Nant:1;Ch:5710MHz;TN,VN




| Sum(dBm) | P1(dBm) |
|---|---|
| 15.76 | 15.76 |

PowerAV;Band:5.8G;VHT40;BWch:40MHz;Nss:1,(M0);Nant:1;Ch:5710MHz;TN,VN




| Sum(dBm) | P1(dBm) |
|---|---|
| 5.06 | 5.06 |

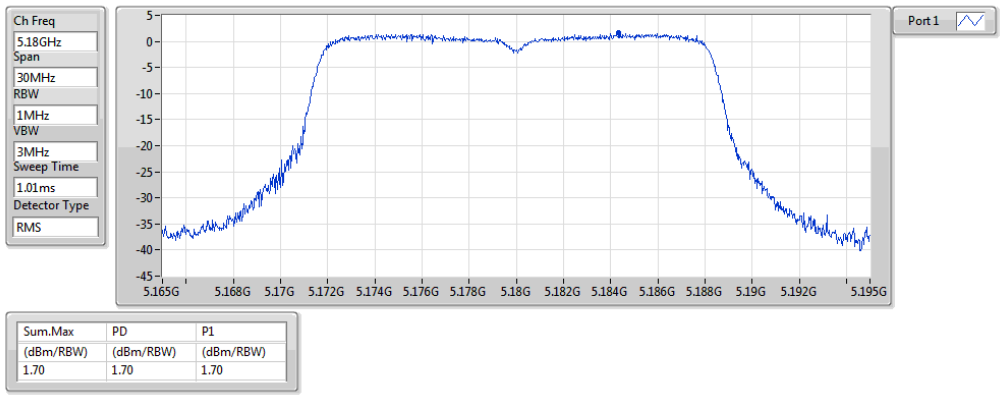
## Summary

| Mode | PD (dBm/RBW) | EIRP.PD (dBm/RBW) |
|---|---|---|
| 5.2G;11a;Nss1;Ntx1 | 6.58 | 11.58 |
| 5.3G;11a;Nss1;Ntx1 | 6.46 | 11.46 |
| 5.6G;11a;Nss1;Ntx1 | 6.28 | 11.28 |
| 5.8G;11a;Nss1;Ntx1 | 4.13 | 9.13 |
| 5.2G;VHT20;Nss1,(M0);Ntx1 | 6.20 | 11.20 |
| 5.3G;VHT20;Nss1,(M0);Ntx1 | 5.97 | 10.97 |
| 5.6G;VHT20;Nss1,(M0);Ntx1 | 6.83 | 11.83 |
| 5.8G;VHT20;Nss1,(M0);Ntx1 | 4.59 | 9.59 |
| 5.2G;VHT40;Nss1,(M0);Ntx1 | -0.04 | 4.96 |
| 5.3G;VHT40;Nss1,(M0);Ntx1 | 2.74 | 7.74 |
| 5.6G;VHT40;Nss1,(M0);Ntx1 | 0.80 | 5.80 |
| 5.8G;VHT40;Nss1,(M0);Ntx1 | 1.20 | 6.20 |
| 5.2G;VHT80;Nss1,(M0);Ntx1 | -7.64 | -2.64 |
| 5.3G;VHT80;Nss1,(M0);Ntx1 | -6.23 | -1.23 |
| 5.6G;VHT80;Nss1,(M0);Ntx1 | -1.34 | 3.66 |
| 5.8G;VHT80;Nss1,(M0);Ntx1 | -1.83 | 3.17 |

## Result

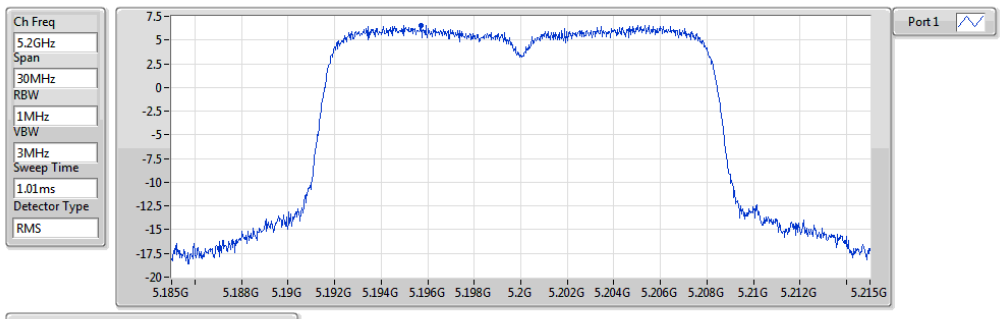
| Mode | Result | Meas.RBW (Hz) | Lim.RBW (Hz) | BWCF (dB) | DG (dBi) | PD (dBm/RBW) | PD.Limit (dBm/RBW) | EIRP.PD (dBm/RBW) | EIRP.PD.Lim (dBm/RBW) | P1 (dBm/RBW) |
|---|---|---|---|---|---|---|---|---|---|---|
| 5.2G;11a;Nss1;Ntx1;5180 | Pass | 1M | 1M | 0.00 | 5.00 | 1.70 | 11.00 | 6.70 | Inf | 1.70 |
| 5.2G;11a;Nss1;Ntx1;5200 | Pass | 1M | 1M | 0.00 | 5.00 | 6.58 | 11.00 | 11.58 | Inf | 6.58 |
| 5.2G;11a;Nss1;Ntx1;5240 | Pass | 1M | 1M | 0.00 | 5.00 | 3.67 | 11.00 | 8.67 | Inf | 3.67 |
| 5.3G;11a;Nss1;Ntx1;5260 | Pass | 1M | 1M | 0.00 | 5.00 | 6.46 | 11.00 | 11.46 | Inf | 6.46 |
| 5.3G;11a;Nss1;Ntx1;5300 | Pass | 1M | 1M | 0.00 | 5.00 | 6.33 | 11.00 | 11.33 | Inf | 6.33 |
| 5.3G;11a;Nss1;Ntx1;5320 | Pass | 1M | 1M | 0.00 | 5.00 | 2.69 | 11.00 | 7.69 | Inf | 2.69 |
| 5.6G;11a;Nss1;Ntx1;5500 | Pass | 1M | 1M | 0.00 | 5.00 | 2.69 | 11.00 | 7.69 | Inf | 2.69 |
| 5.6G;11a;Nss1;Ntx1;5580 | Pass | 1M | 1M | 0.00 | 5.00 | 6.28 | 11.00 | 11.28 | Inf | 6.28 |
| 5.6G;11a;Nss1;Ntx1;5700 | Pass | 1M | 1M | 0.00 | 5.00 | 2.83 | 11.00 | 7.83 | Inf | 2.83 |
| 5.6G;11a;Nss1;Ntx1;5720 | Pass | 1M | 1M | 0.00 | 5.00 | 4.67 | 11.00 | 9.67 | Inf | 4.67 |
| 5.8G;11a;Nss1;Ntx1;5720 | Pass | 500k | 500k | 0.00 | 5.00 | 2.44 | 30.00 | 7.44 | Inf | 2.44 |
| 5.8G;11a;Nss1;Ntx1;5745 | Pass | 500k | 500k | 0.00 | 5.00 | 2.73 | 30.00 | 7.73 | Inf | 2.73 |
| 5.8G;11a;Nss1;Ntx1;5785 | Pass | 500k | 500k | 0.00 | 5.00 | 4.13 | 30.00 | 9.13 | Inf | 4.13 |
| 5.8G;11a;Nss1;Ntx1;5825 | Pass | 500k | 500k | 0.00 | 5.00 | 2.73 | 30.00 | 7.73 | Inf | 2.73 |
| 5.2G;VHT20;Nss1,(M0);Ntx1;5180 | Pass | 1M | 1M | 0.00 | 5.00 | 1.18 | 11.00 | 6.18 | Inf | 1.18 |
| 5.2G;VHT20;Nss1,(M0);Ntx1;5200 | Pass | 1M | 1M | 0.00 | 5.00 | 6.20 | 11.00 | 11.20 | Inf | 6.20 |
| 5.2G;VHT20;Nss1,(M0);Ntx1;5240 | Pass | 1M | 1M | 0.00 | 5.00 | 3.82 | 11.00 | 8.82 | Inf | 3.82 |
| 5.3G;VHT20;Nss1,(M0);Ntx1;5260 | Pass | 1M | 1M | 0.00 | 5.00 | 5.97 | 11.00 | 10.97 | Inf | 5.97 |
| 5.3G;VHT20;Nss1,(M0);Ntx1;5300 | Pass | 1M | 1M | 0.00 | 5.00 | 5.92 | 11.00 | 10.92 | Inf | 5.92 |
| 5.3G;VHT20;Nss1,(M0);Ntx1;5320 | Pass | 1M | 1M | 0.00 | 5.00 | 3.17 | 11.00 | 8.17 | Inf | 3.17 |
| 5.6G;VHT20;Nss1,(M0);Ntx1;5500 | Pass | 1M | 1M | 0.00 | 5.00 | 3.16 | 11.00 | 8.16 | Inf | 3.16 |
| 5.6G;VHT20;Nss1,(M0);Ntx1;5580 | Pass | 1M | 1M | 0.00 | 5.00 | 6.83 | 11.00 | 11.83 | Inf | 6.83 |
| 5.6G;VHT20;Nss1,(M0);Ntx1;5700 | Pass | 1M | 1M | 0.00 | 5.00 | 2.77 | 11.00 | 7.77 | Inf | 2.77 |
| 5.6G;VHT20;Nss1,(M0);Ntx1;5720 | Pass | 1M | 1M | 0.00 | 5.00 | 3.19 | 11.00 | 8.19 | Inf | 3.19 |
| 5.8G;VHT20;Nss1,(M0);Ntx1;5720 | Pass | 500k | 500k | 0.00 | 5.00 | 1.50 | 30.00 | 6.50 | Inf | 1.5 |
| 5.8G;VHT20;Nss1,(M0);Ntx1;5745 | Pass | 500k | 500k | 0.00 | 5.00 | 2.23 | 30.00 | 7.23 | Inf | 2.23 |
| 5.8G;VHT20;Nss1,(M0);Ntx1;5785 | Pass | 500k | 500k | 0.00 | 5.00 | 4.59 | 30.00 | 9.59 | Inf | 4.59 |
| 5.8G;VHT20;Nss1,(M0);Ntx1;5825 | Pass | 500k | 500k | 0.00 | 5.00 | 2.87 | 30.00 | 7.87 | Inf | 2.87 |
| 5.2G;VHT40;Nss1,(M0);Ntx1;5190 | Pass | 1M | 1M | 0.00 | 5.00 | -6.10 | 11.00 | -1.10 | Inf | -6.10 |
| 5.2G;VHT40;Nss1,(M0);Ntx1;5230 | Pass | 1M | 1M | 0.00 | 5.00 | -0.04 | 11.00 | 4.96 | Inf | -0.04 |
| 5.3G;VHT40;Nss1,(M0);Ntx1;5270 | Pass | 1M | 1M | 0.00 | 5.00 | 2.74 | 11.00 | 7.74 | Inf | 2.74 |
| 5.3G;VHT40;Nss1,(M0);Ntx1;5310 | Pass | 1M | 1M | 0.00 | 5.00 | -3.21 | 11.00 | 1.79 | Inf | -3.21 |
| 5.6G;VHT40;Nss1,(M0);Ntx1;5510 | Pass | 1M | 1M | 0.00 | 5.00 | -4.77 | 11.00 | 0.23 | Inf | -4.77 |
| 5.6G;VHT40;Nss1,(M0);Ntx1;5550 | Pass | 1M | 1M | 0.00 | 5.00 | 0.22 | 11.00 | 5.22 | Inf | 0.22 |
| 5.6G;VHT40;Nss1,(M0);Ntx1;5670 | Pass | 1M | 1M | 0.00 | 5.00 | 0.80 | 11.00 | 5.80 | Inf | 0.80 |
| 5.6G;VHT40;Nss1,(M0);Ntx1;5710 | Pass | 1M | 1M | 0.00 | 5.00 | 0.48 | 11.00 | 5.48 | Inf | 0.48 |
| 5.8G;VHT40;Nss1,(M0);Ntx1;5710 | Pass | 500k | 500k | 0.00 | 5.00 | -1.64 | 30.00 | 3.36 | Inf | -1.64 |
| 5.8G;VHT40;Nss1,(M0);Ntx1;5755 | Pass | 500k | 500k | 0.00 | 5.00 | 0.09 | 30.00 | 5.09 | Inf | 0.09 |
| 5.8G;VHT40;Nss1,(M0);Ntx1;5795 | Pass | 500k | 500k | 0.00 | 5.00 | 1.20 | 30.00 | 6.20 | Inf | 1.20 |
| 5.2G;VHT80;Nss1,(M0);Ntx1;5210 | Pass | 1M | 1M | 0.00 | 5.00 | -7.64 | 11.00 | -2.64 | Inf | -7.64 |
| 5.3G;VHT80;Nss1,(M0);Ntx1;5290 | Pass | 1M | 1M | 0.00 | 5.00 | -6.23 | 11.00 | -1.23 | Inf | -6.23 |
| 5.6G;VHT80;Nss1,(M0);Ntx1;5530 | Pass | 1M | 1M | 0.00 | 5.00 | -9.12 | 11.00 | -4.12 | Inf | -9.12 |
| 5.6G;VHT80;Nss1,(M0);Ntx1;5610 | Pass | 1M | 1M | 0.00 | 5.00 | -1.34 | 11.00 | 3.66 | Inf | -1.34 |
| 5.6G;VHT80;Nss1,(M0);Ntx1;5690 | Pass | 1M | 1M | 0.00 | 5.00 | -1.93 | 11.00 | 3.07 | Inf | -1.93 |
| 5.8G;VHT80;Nss1,(M0);Ntx1;5690 | Pass | 500k | 500k | 0.00 | 5.00 | -5.01 | 30.00 | -0.01 | Inf | -5.01 |
| 5.8G;VHT80;Nss1,(M0);Ntx1;5775 | Pass | 500k | 500k | 0.00 | 5.00 | -1.83 | 30.00 | 3.17 | Inf | -1.83 |

PSD;Band:5.2G;11a;BWch:20MHz;Nss:1;Nant:1;Ch:5180MHz;TN,VN



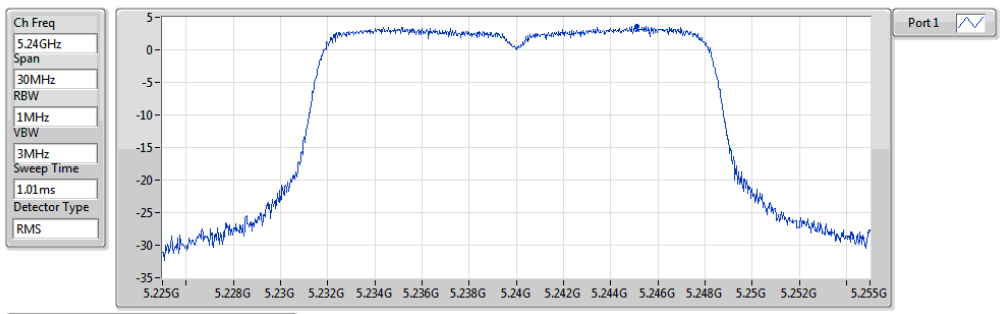

| Sum.Max | PD | P1 |
|---|---|---|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 1.70 | 1.70 | 1.70 |

PSD;Band:5.2G;11a;BWch:20MHz;Nss:1;Nant:1;Ch:5200MHz;TN,VN



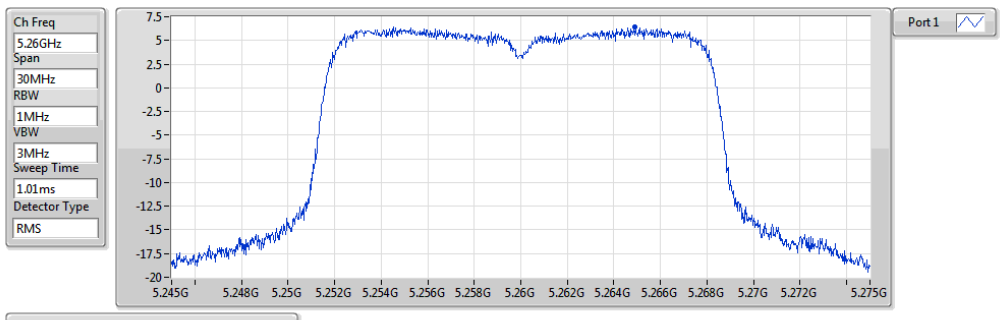

| Sum.Max | PD | P1 |
|---|---|---|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 6.58 | 6.58 | 6.58 |

PSD;Band:5.2G;11a;BWch:20MHz;Nss:1;Nant:1;Ch:5240MHz;TN,VN



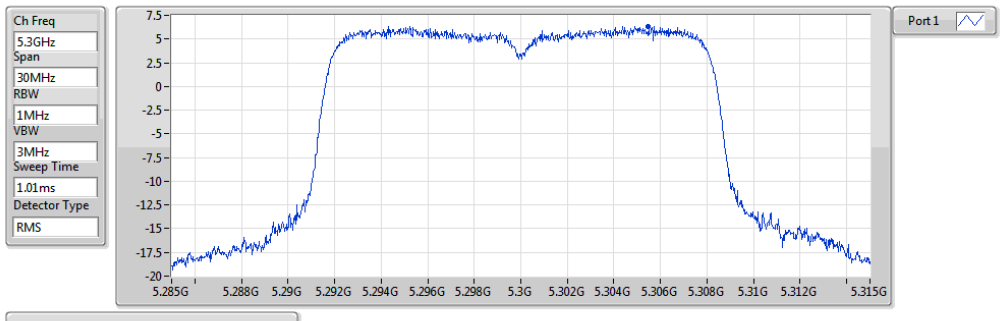

| Sum.Max | PD | P1 |
|---|---|---|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 3.67 | 3.67 | 3.67 |

PSD;Band:5.3G;11a;BWch:20MHz;Nss:1;Nant:1;Ch:5260MHz;TN,VN



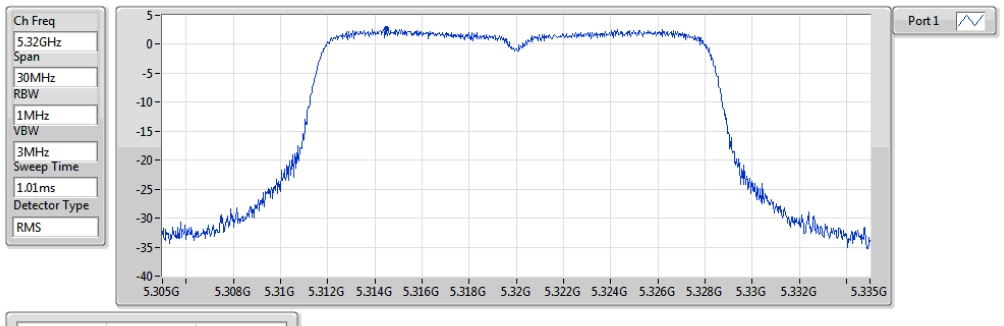

| Sum.Max | PD | P1 |
|---|---|---|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 6.46 | 6.46 | 6.46 |

PSD;Band:5.3G;11a;BWch:20MHz;Nss:1;Nant:1;Ch:5300MHz;TN,VN



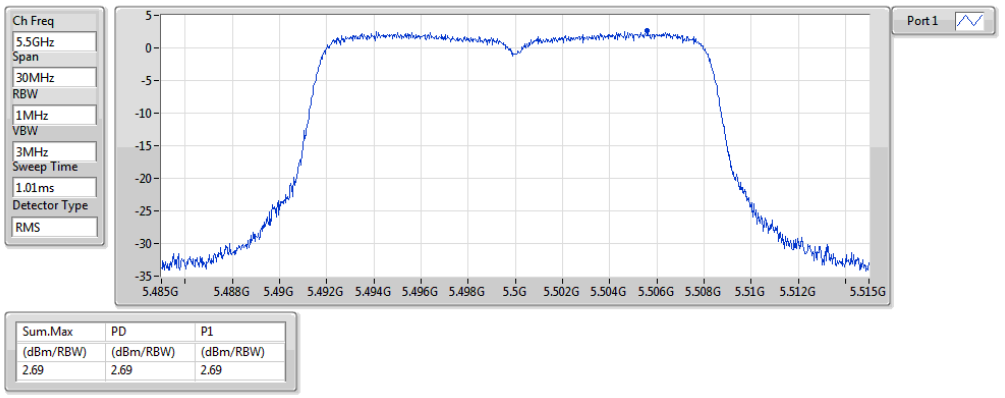

| Sum.Max | PD | P1 |
|---|---|---|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 6.33 | 6.33 | 6.33 |

PSD;Band:5.3G;11a;BWch:20MHz;Nss:1;Nant:1;Ch:5320MHz;TN,VN



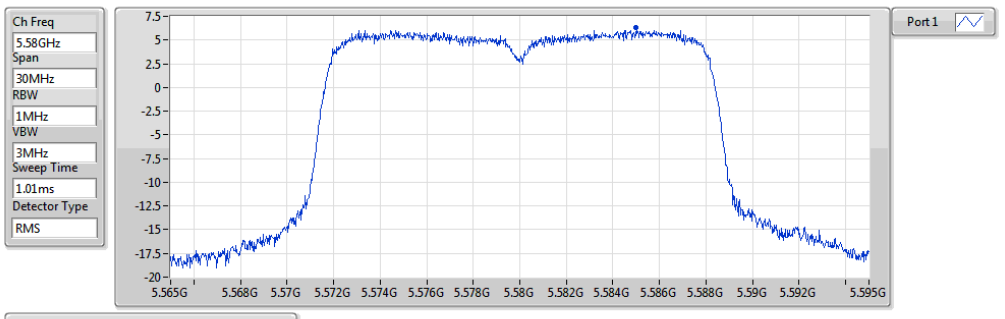

| Sum.Max | PD | P1 |
|---|---|---|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 2.69 | 2.69 | 2.69 |

PSD;Band:5.6G;11a;BWch:20MHz;Nss:1;Nant:1;Ch:5500MHz;TN,VN



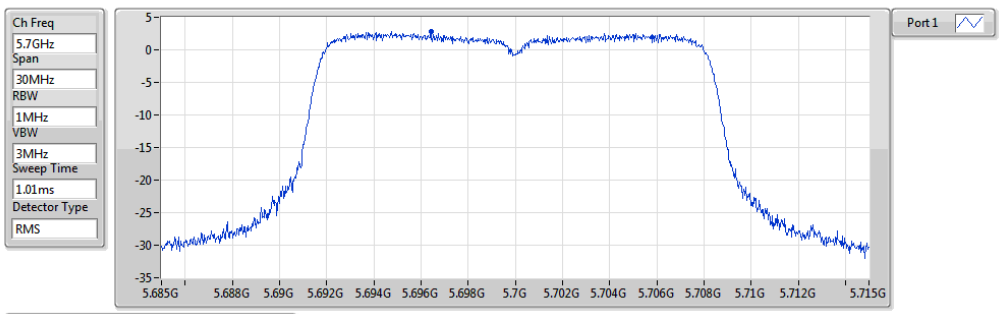

| Sum.Max | PD | P1 |
|---|---|---|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 2.69 | 2.69 | 2.69 |

PSD;Band:5.6G;11a;BWch:20MHz;Nss:1;Nant:1;Ch:5580MHz;TN,VN



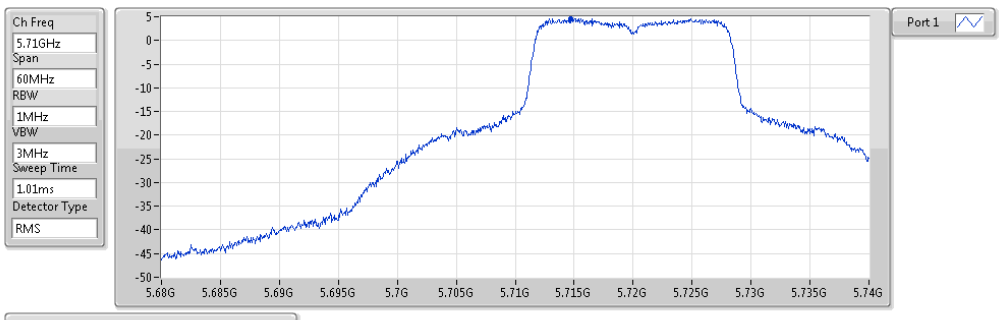

| Sum.Max | PD | P1 |
|---|---|---|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 6.28 | 6.28 | 6.28 |

PSD;Band:5.6G;11a;BWch:20MHz;Nss:1;Nant:1;Ch:5700MHz;TN,VN



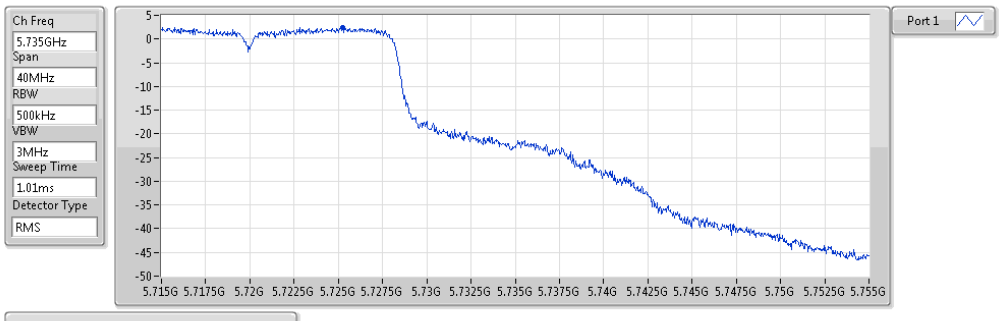

| Sum.Max | PD | P1 |
|---|---|---|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 2.83 | 2.83 | 2.83 |

PSD;Band:5.6G;11a;BWch:20MHz;Nss:1;Nant:1;Ch:5720MHz;TN,VN



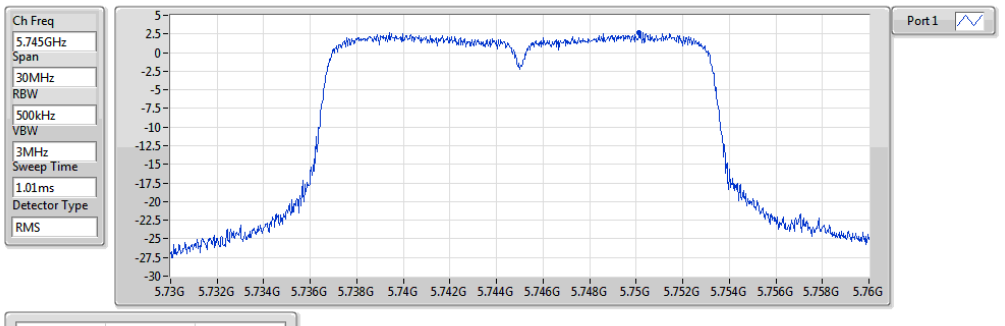

| Sum.Max | PD | P1 |
|---|---|---|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 4.67 | 4.67 | 4.67 |

PSD;Band:5.8G;11a;BWch:20MHz;Nss:1;Nant:1;Ch:5720MHz;TN,VN



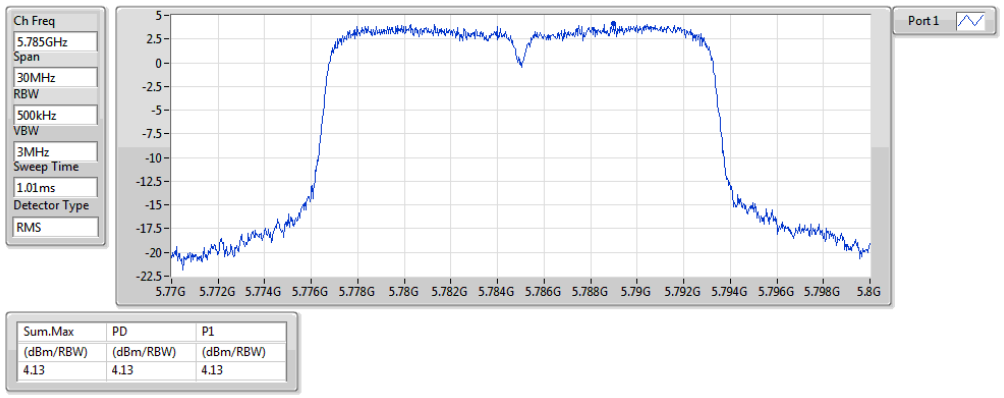

| Sum.Max | PD | P1 |
|---|---|---|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 2.44 | 2.44 | 2.44 |

PSD;Band:5.8G;11a;BWch:20MHz;Nss:1;Nant:1;Ch:5745MHz;TN,VN



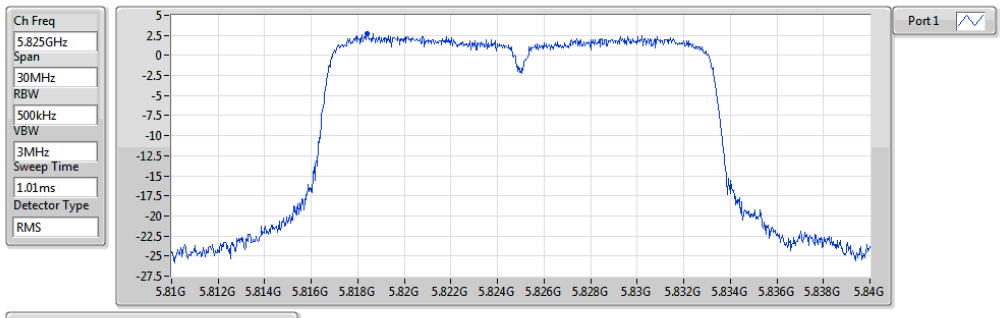

| Sum.Max | PD | P1 |
|---|---|---|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 2.73 | 2.73 | 2.73 |

PSD;Band:5.8G;11a;BWch:20MHz;Nss:1;Nant:1;Ch:5785MHz;TN,VN



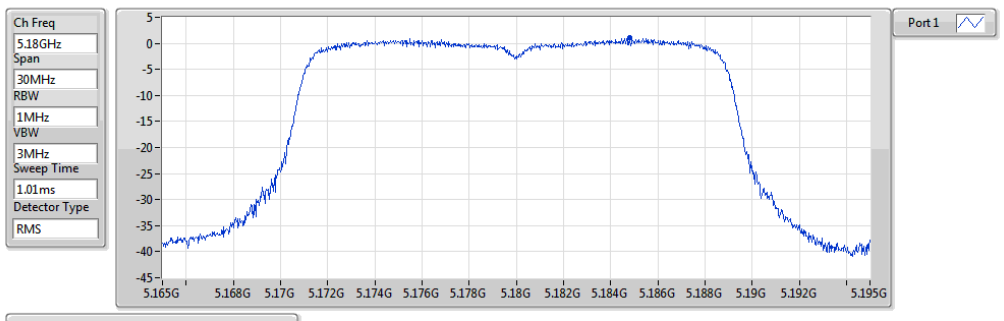

| Sum.Max | PD | P1 |
|---|---|---|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 4.13 | 4.13 | 4.13 |

PSD;Band:5.8G;11a;BWch:20MHz;Nss:1;Nant:1;Ch:5825MHz;TN,VN



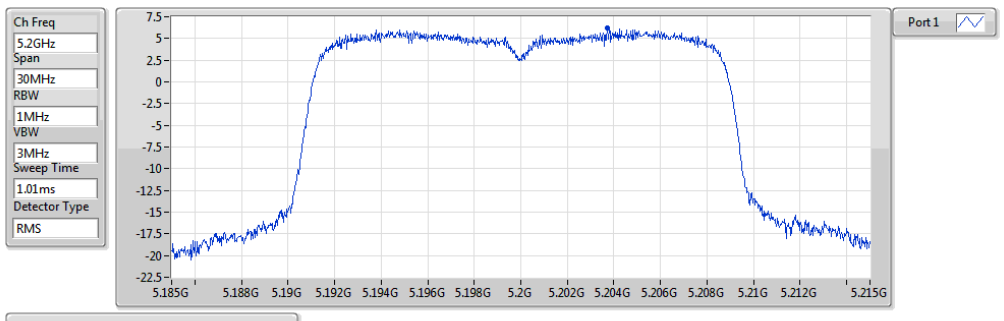

| Sum.Max | PD | P1 |
|---|---|---|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 2.73 | 2.73 | 2.73 |

PSD;Band:5.2G;VHT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:5180MHz;TN,VN



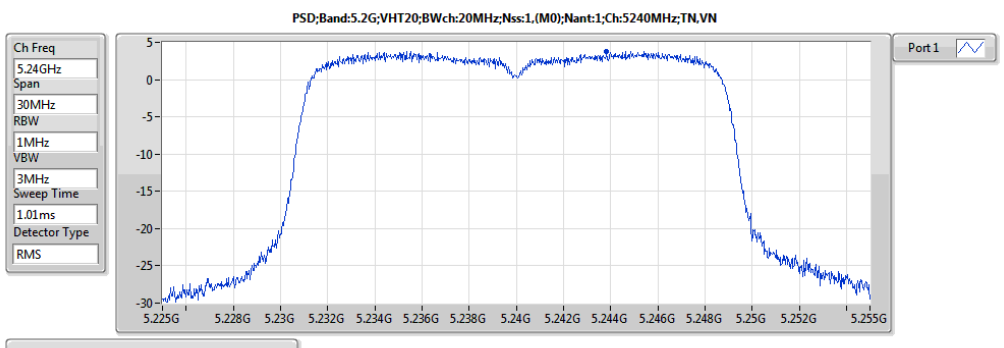

| Sum.Max | PD | P1 |
|---|---|---|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 1.18 | 1.18 | 1.18 |

PSD;Band:5.2G;VHT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:5200MHz;TN,VN



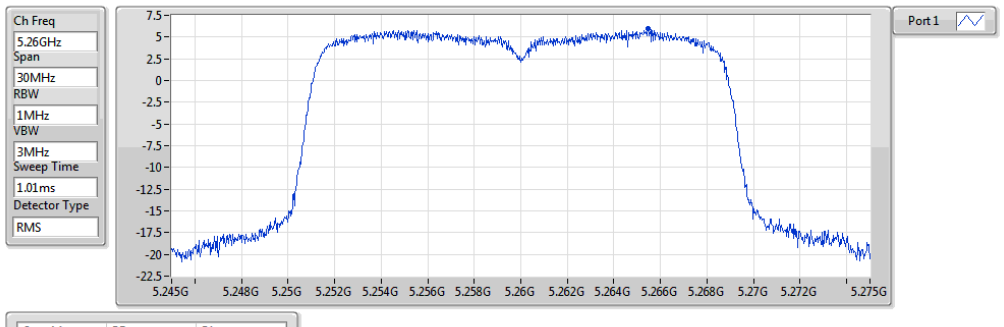

| Sum.Max | PD | P1 |
|---|---|---|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 6.20 | 6.20 | 6.20 |

PSD;Band:5.2G;VHT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:5240MHz;TN,VN



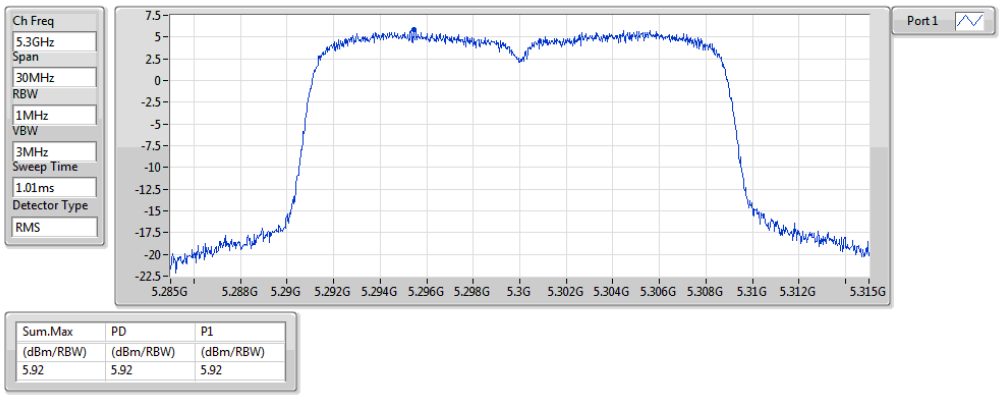

| Sum.Max | PD | P1 |
|---|---|---|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 3.82 | 3.82 | 3.82 |

PSD;Band:5.3G;VHT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:5260MHz;TN,VN



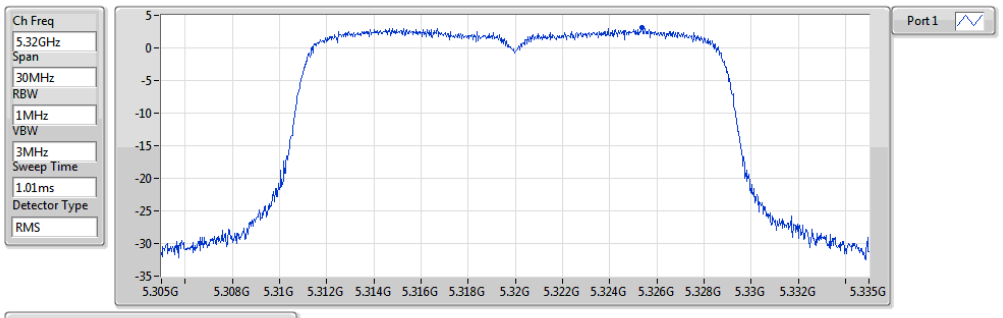

| Sum.Max | PD | P1 |
|---|---|---|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 5.97 | 5.97 | 5.97 |

PSD;Band:5.3G;VHT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:5300MHz;TN,VN



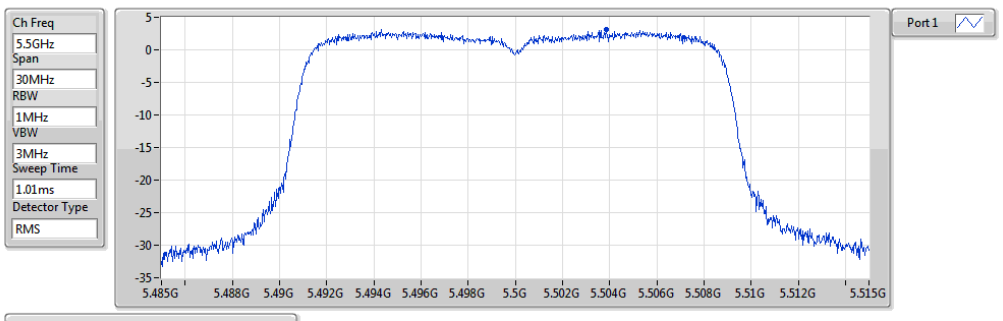

| Sum.Max | PD | P1 |
|---|---|---|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 5.92 | 5.92 | 5.92 |

PSD;Band:5.3G;VHT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:5320MHz;TN,VN



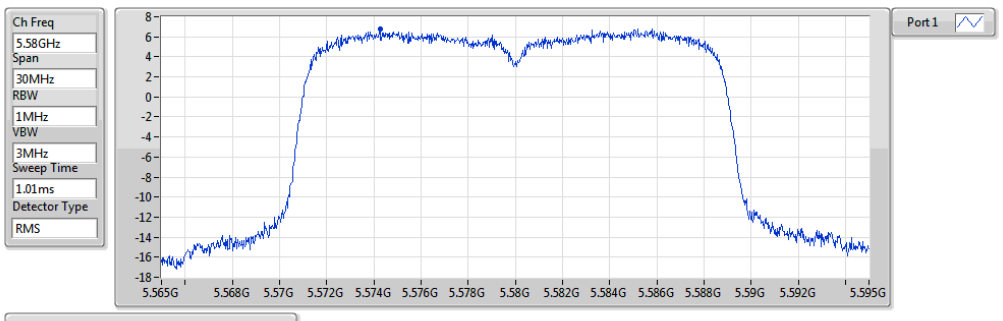

| Sum.Max | PD | P1 |
|---|---|---|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 3.17 | 3.17 | 3.17 |

PSD;Band:5.6G;VHT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:5500MHz;TN,VN



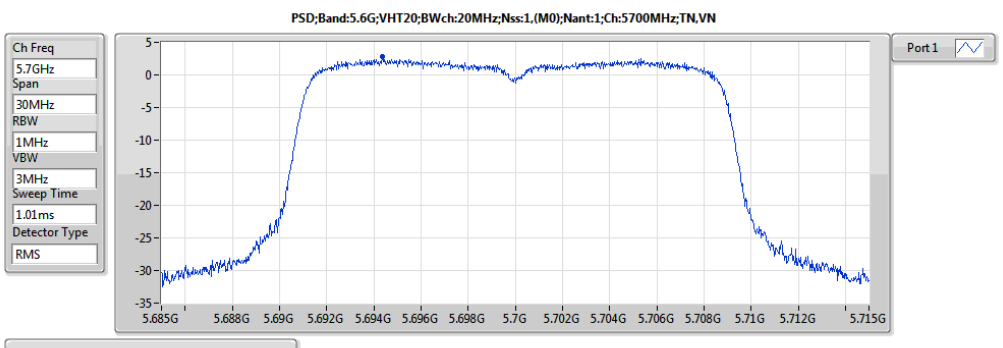

| Sum.Max | PD | P1 |
|---|---|---|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 3.16 | 3.16 | 3.16 |

PSD;Band:5.6G;VHT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:5580MHz;TN,VN



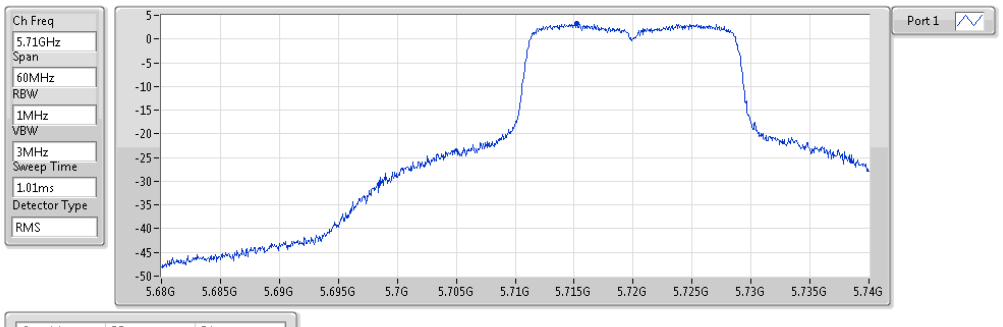

| Sum.Max | PD | P1 |
|---|---|---|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 6.83 | 6.83 | 6.83 |

PSD;Band:5.6G;VHT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:5700MHz;TN,VN



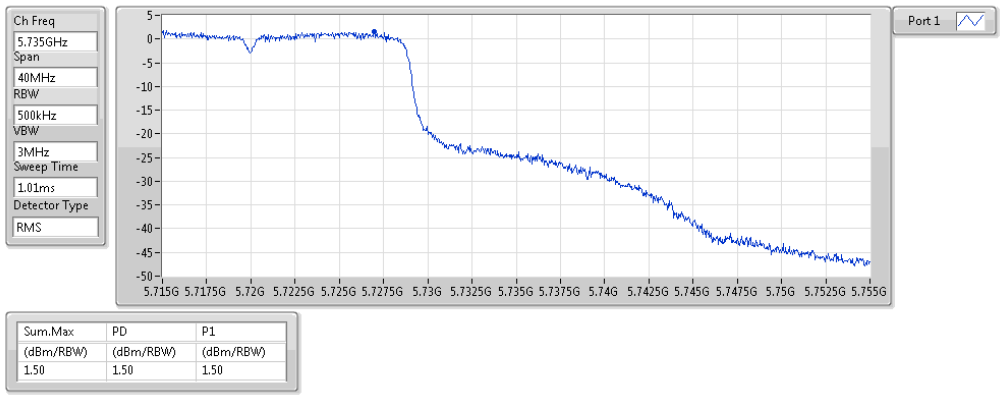

| Sum.Max | PD | P1 |
|---|---|---|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 2.77 | 2.77 | 2.77 |

PSD;Band:5.6G;VHT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:5720MHz;TN,VN



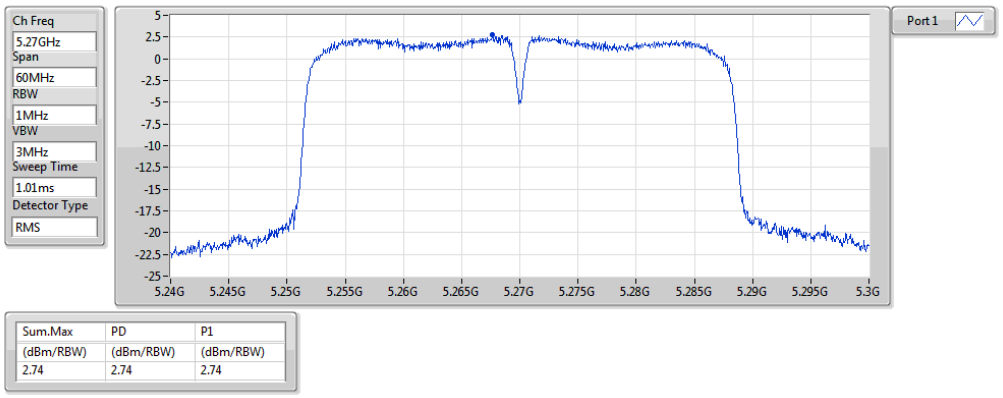

| Sum.Max | PD | P1 |
|---|---|---|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 3.19 | 3.19 | 3.19 |

PSD;Band:5.8G;VHT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:5720MHz;TN,VN



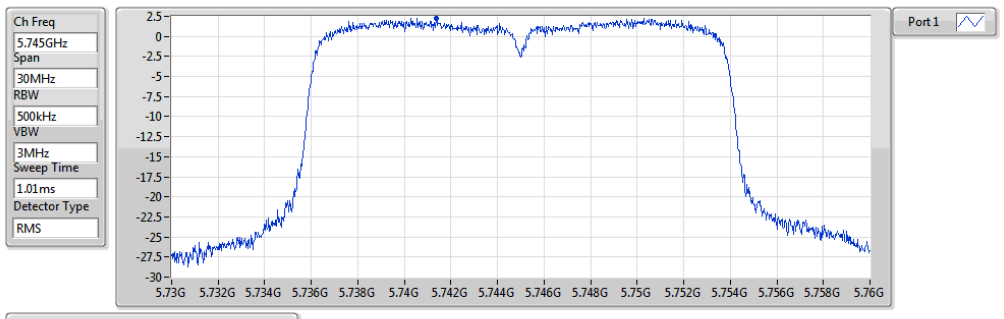

| Sum.Max | PD | P1 |
|---|---|---|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 1.50 | 1.50 | 1.50 |

PSD;Band:5.3G;VHT40;BWch:40MHz;Nss:1,(M0);Nant:1;Ch:5270MHz;TN,VN



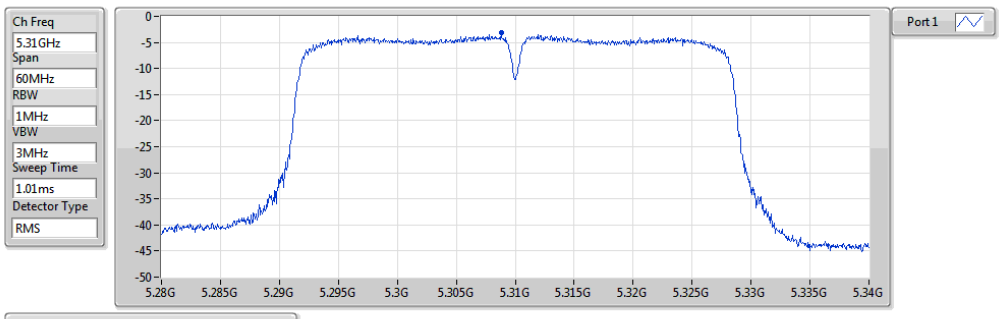

| Sum.Max | PD | P1 |
|---|---|---|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 2.74 | 2.74 | 2.74 |

PSD;Band:5.8G;VHT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:5745MHz;TN,VN



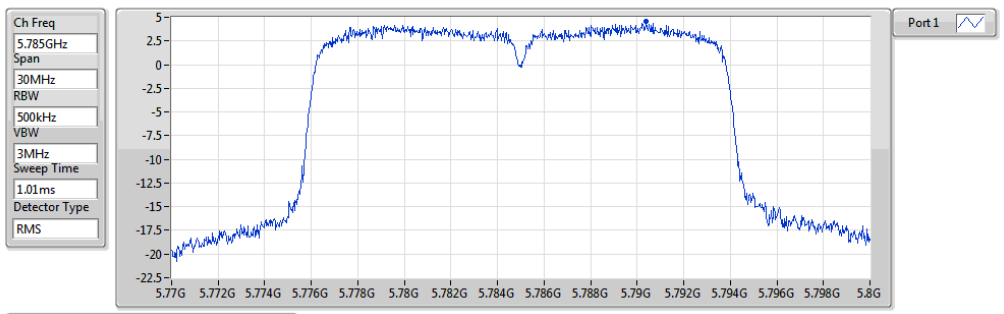

| Sum.Max | PD | P1 |
|---|---|---|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 2.23 | 2.23 | 2.23 |

PSD;Band:5.3G;VHT40;BWch:40MHz;Nss:1,(M0);Nant:1;Ch:5310MHz;TN,VN



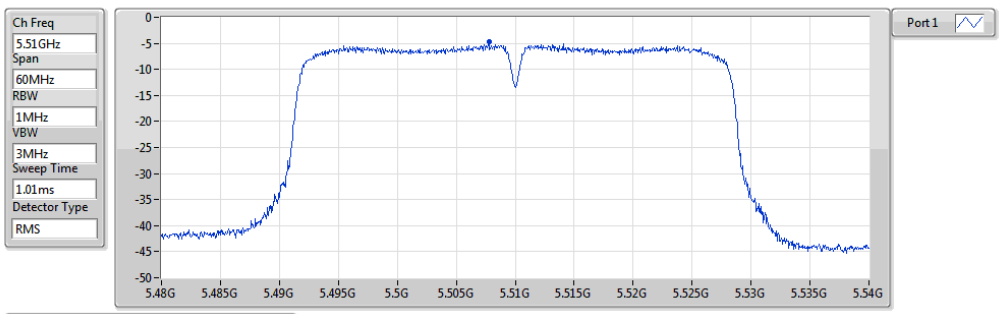

| Sum.Max | PD | P1 |
|---|---|---|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| -3.21 | -3.21 | -3.21 |

PSD;Band:5.8G;VHT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:5785MHz;TN,VN



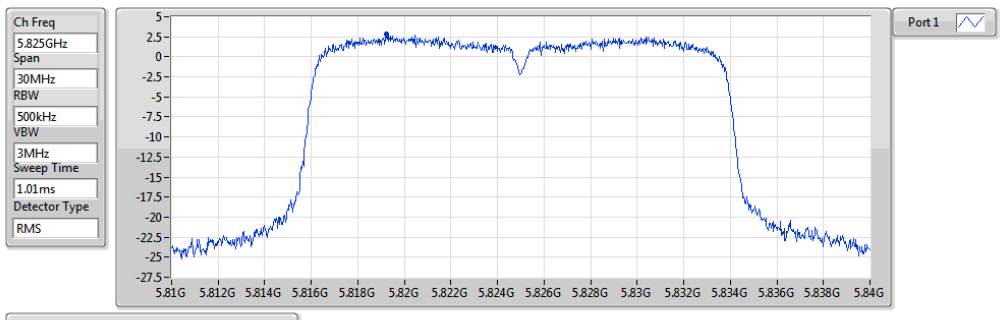

| Sum.Max | PD | P1 |
|---|---|---|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 4.59 | 4.59 | 4.59 |

PSD;Band:5.6G;VHT40;BWch:40MHz;Nss:1,(M0);Nant:1;Ch:5510MHz;TN,VN



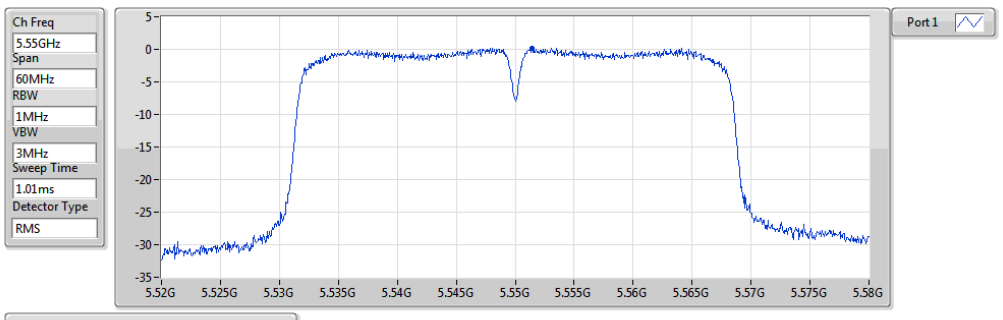

| Sum.Max | PD | P1 |
|---|---|---|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| -4.77 | -4.77 | -4.77 |

PSD;Band:5.8G;VHT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:5825MHz;TN,VN



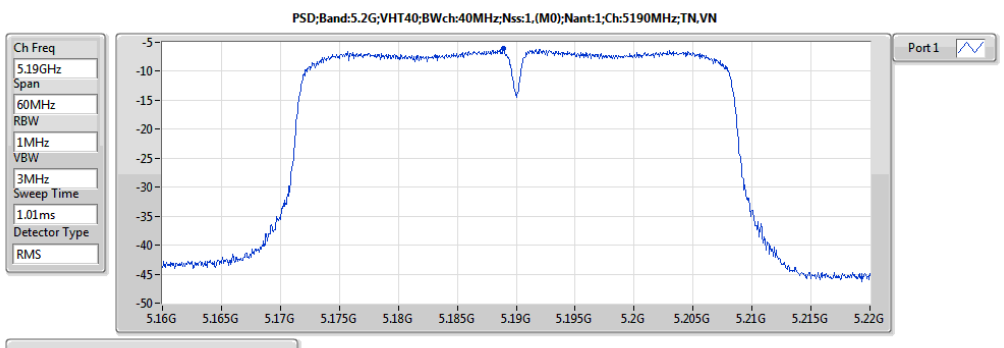

| Sum.Max | PD | P1 |
|---|---|---|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 2.87 | 2.87 | 2.87 |

PSD;Band:5.6G;VHT40;BWch:40MHz;Nss:1,(M0);Nant:1;Ch:5550MHz;TN,VN



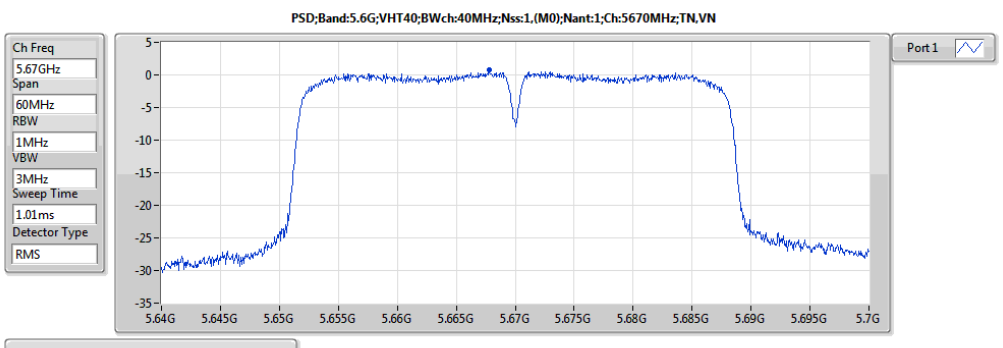

| Sum.Max | PD | P1 |
|---|---|---|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 0.22 | 0.22 | 0.22 |

PSD;Band:5.2G;VHT40;BWch:40MHz;Nss:1,(M0);Nant:1;Ch:5190MHz;TN,VN



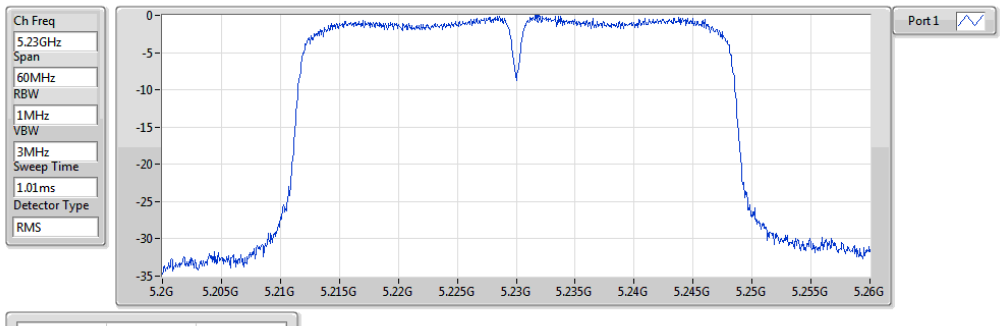

| Sum.Max | PD | P1 |
|---|---|---|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| -6.10 | -6.10 | -6.10 |

PSD;Band:5.6G;VHT40;BWch:40MHz;Nss:1,(M0);Nant:1;Ch:5670MHz;TN,VN



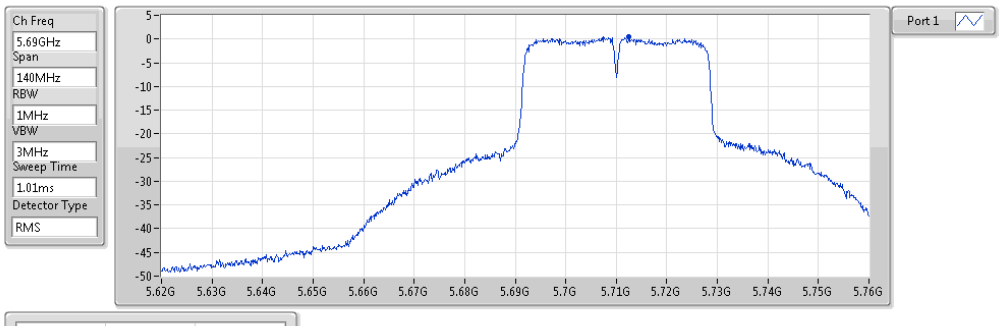

| Sum.Max | PD | P1 |
|---|---|---|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 0.80 | 0.80 | 0.80 |

PSD;Band:5.2G;VHT40;BWch:40MHz;Nss:1,(M0);Nant:1;Ch:5230MHz;TN,VN



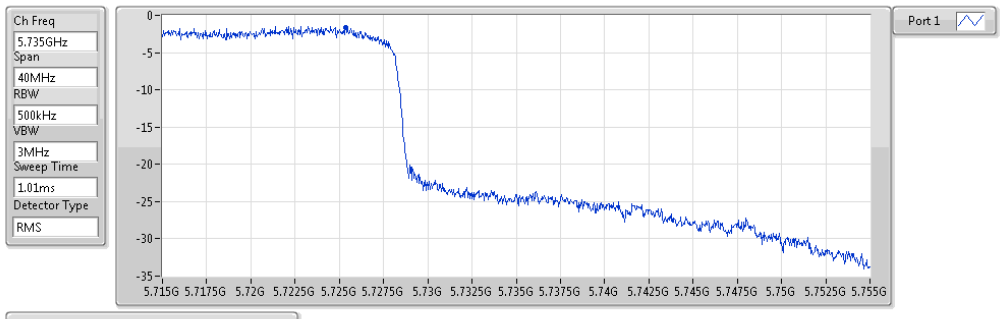

| Sum.Max | PD | P1 |
|---|---|---|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| -0.04 | -0.04 | -0.04 |

PSD;Band:5.6G;VHT40;BWch:40MHz;Nss:1,(M0);Nant:1;Ch:5710MHz;TN,VN



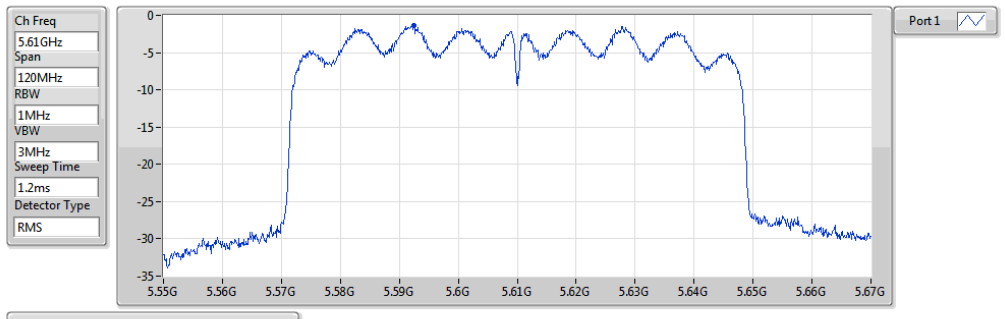

| Sum.Max | PD | P1 |
|---|---|---|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 0.48 | 0.48 | 0.48 |

PSD;Band:5.8G;VHT40;BWch:40MHz;Nss:1,(M0);Nant:1;Ch:5710MHz;TN,VN



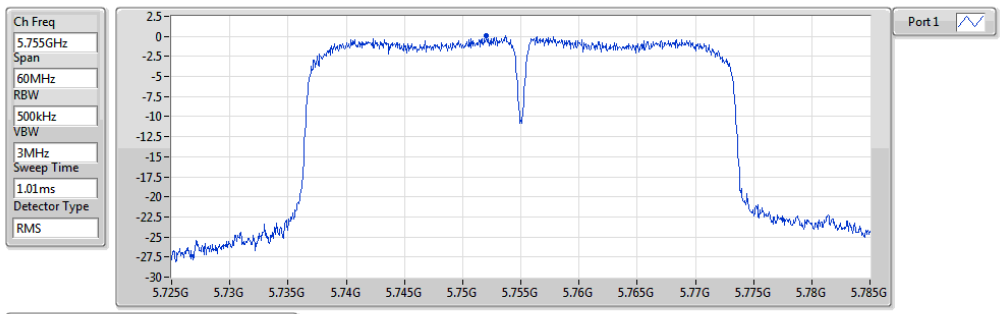

| Sum.Max | PD | P1 |
|---|---|---|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| -1.64 | -1.64 | -1.64 |

PSD;Band:5.6G;VHT80;BWch:80MHz;Nss:1,(M0);Nant:1;Ch:5610MHz;TN,VN



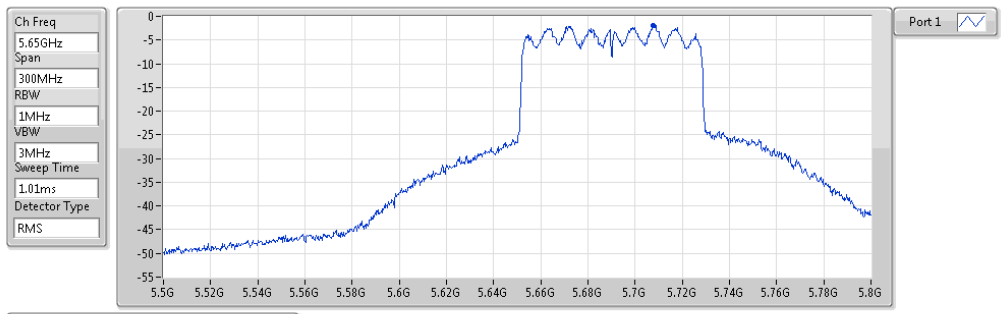

| Sum.Max | PD | P1 |
|---|---|---|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| -1.34 | -1.34 | -1.34 |

PSD;Band:5.8G;VHT40;BWch:40MHz;Nss:1,(M0);Nant:1;Ch:5755MHz;TN,VN



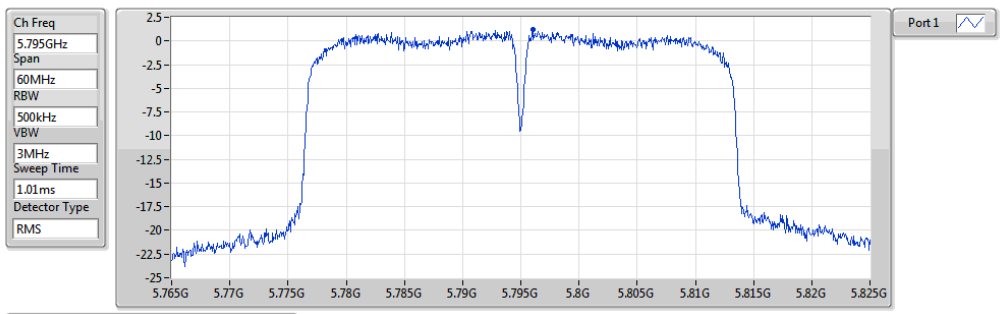

| Sum.Max | PD | P1 |
|---|---|---|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 0.09 | 0.09 | 0.09 |

PSD;Band:5.6G;VHT80;BWch:80MHz;Nss:1,(M0);Nant:1;Ch:5690MHz;TN,VN



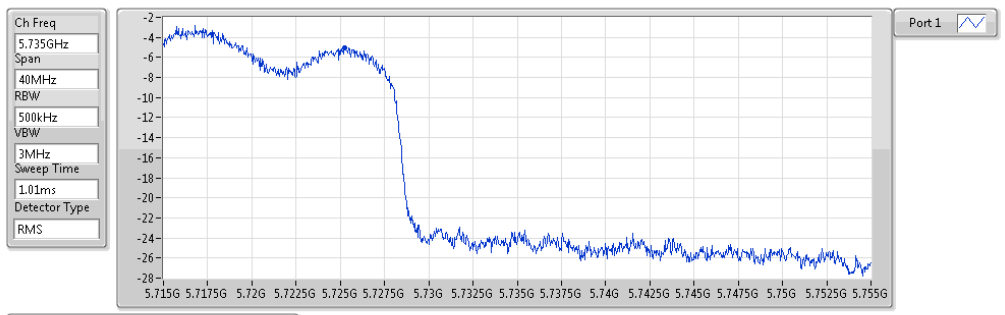

| Sum.Max | PD | P1 |
|---|---|---|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| -1.93 | -1.93 | -1.93 |

PSD;Band:5.8G;VHT40;BWch:40MHz;Nss:1,(M0);Nant:1;Ch:5795MHz;TN,VN



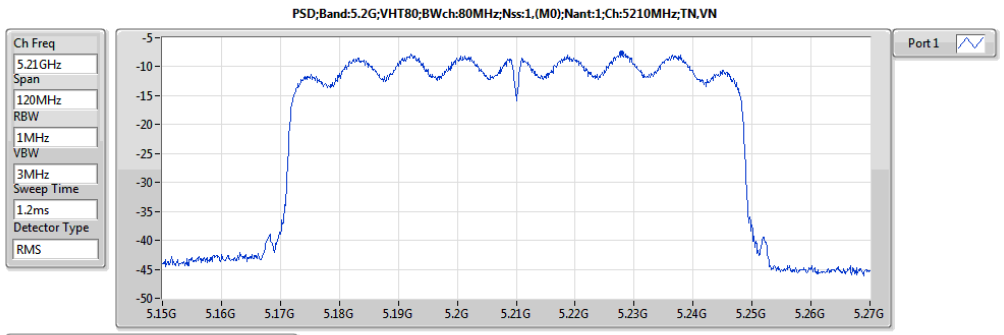

| Sum.Max | PD | P1 |
|---|---|---|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 1.20 | 1.20 | 1.20 |

PSD;Band:5.8G;VHT80;BWch:80MHz;Nss:1,(M0);Nant:1;Ch:5690MHz;TN,VN



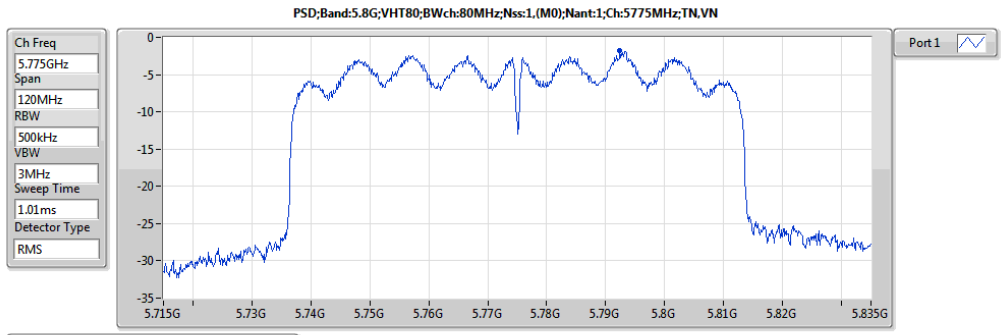

| Sum.Max | PD | P1 |
|---|---|---|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| -5.01 | -5.01 | -5.01 |

PSD;Band:5.2G;VHT80;BWch:80MHz;Nss:1,(M0);Nant:1;Ch:5210MHz;TN,VN



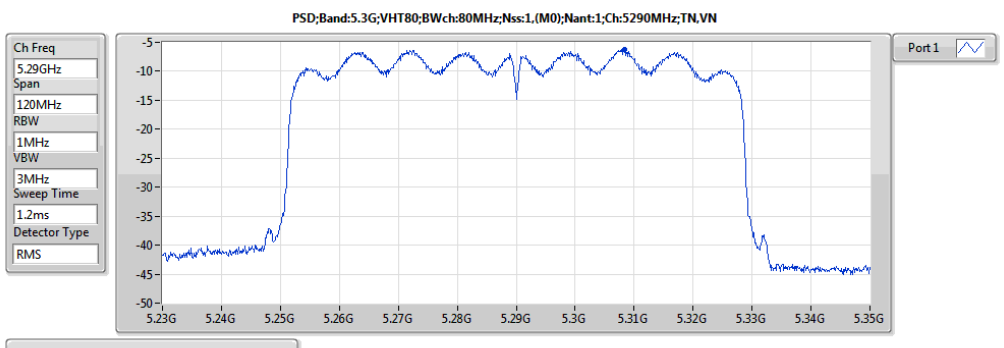

| Sum.Max | PD | P1 |
|---|---|---|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| -7.64 | -7.64 | -7.64 |

PSD;Band:5.8G;VHT80;BWch:80MHz;Nss:1,(M0);Nant:1;Ch:5775MHz;TN,VN



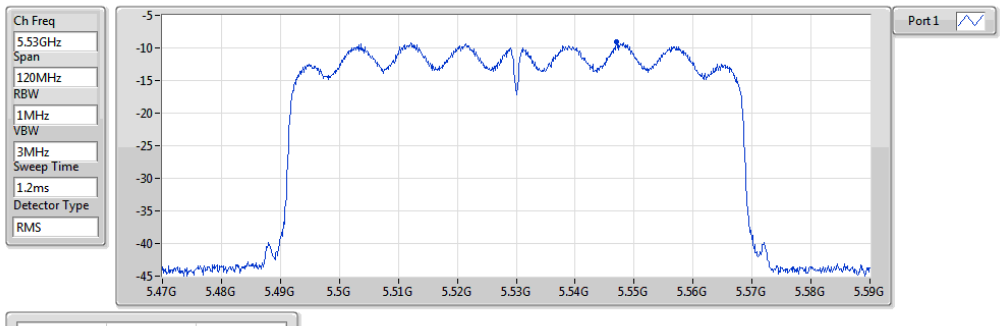

| Sum.Max | PD | P1 |
|---|---|---|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| -1.83 | -1.83 | -1.83 |

PSD;Band:5.3G;VHT80;BWch:80MHz;Nss:1,(M0);Nant:1;Ch:5290MHz;TN,VN



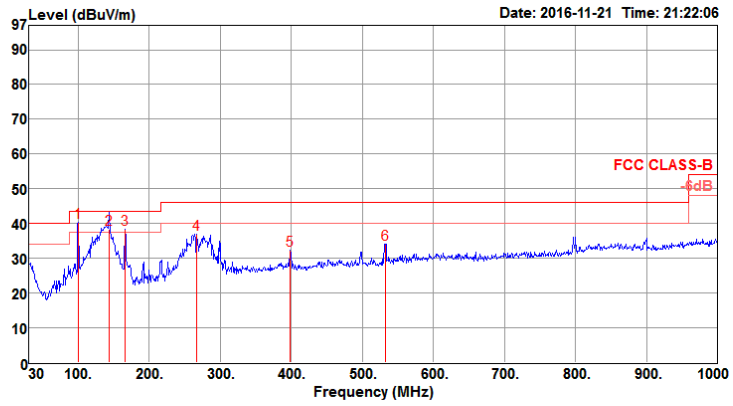

| Sum.Max | PD | P1 |
|---|---|---|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| -6.23 | -6.23 | -6.23 |

PSD;Band:5.6G;VHT80;BWch:80MHz;Nss:1,(M0);Nant:1;Ch:5530MHz;TN,VN




| Sum.Max | PD | P1 |
|---|---|---|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| -9.12 | -9.12 | -9.12 |

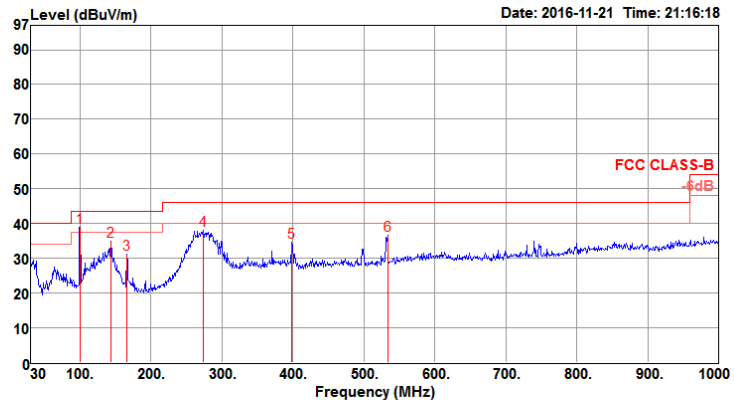
| RSE below 1GHz Result | | | |
|---|---|---|---|
| **Operating Mode** | 3 | **Polarization** | Horizontal |
| **Operating Function** | Normal Link | | |




| | 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 | 40.44 | 43.50 | -3.06 | 50.24 | 1.58 | 16.90 | 28.28 | 100 | 271 | Peak | HORIZONTAL |
| 2 | 143.49 | 38.41 | 43.50 | -5.09 | 47.40 | 1.67 | 17.35 | 28.01 | 100 | 236 | QP | HORIZONTAL |
| 3 | 165.80 | 38.26 | 43.50 | -5.24 | 48.19 | 1.75 | 16.22 | 27.90 | 125 | 307 | Peak | HORIZONTAL |
| 4 | 266.68 | 36.87 | 46.00 | -9.13 | 42.92 | 2.03 | 19.52 | 27.60 | 100 | 192 | Peak | HORIZONTAL |
| 5 | 398.60 | 32.23 | 46.00 | -13.77 | 35.88 | 2.36 | 22.27 | 28.28 | 125 | 246 | Peak | HORIZONTAL |
| 6 | 532.46 | 34.00 | 46.00 | -12.00 | 35.81 | 2.66 | 24.31 | 28.78 | 100 | 160 | 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** | 3 | **Power Phase** | Vertical |
| **Operating Function** | Normal Link | | |



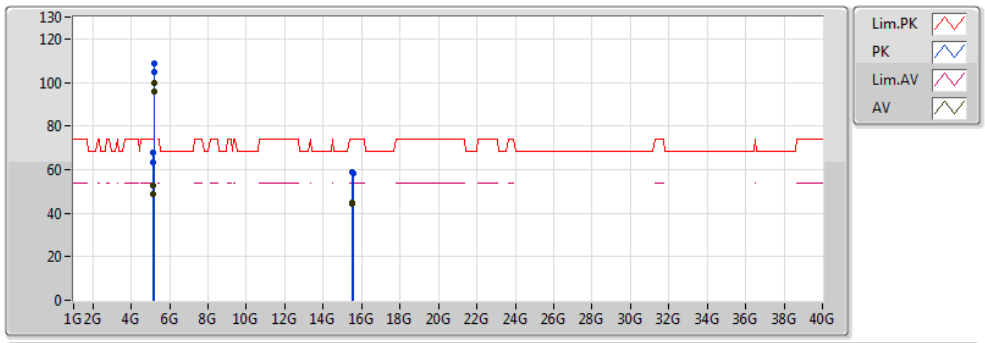

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | cm | deg | | |
| 1 | 99.84 | 38.82 | 43.50 | -4.68 | 48.62 | 1.58 | 16.90 | 28.28 | 100 | 284 | Peak | VERTICAL |
| 2 | 143.49 | 34.84 | 43.50 | -8.66 | 43.83 | 1.67 | 17.35 | 28.01 | 150 | 139 | Peak | VERTICAL |
| 3 | 165.80 | 31.10 | 43.50 | -12.40 | 41.03 | 1.75 | 16.22 | 27.90 | 125 | 109 | Peak | VERTICAL |
| 4 | 273.47 | 37.93 | 46.00 | -8.07 | 44.17 | 2.05 | 19.30 | 27.59 | 100 | 231 | Peak | VERTICAL |
| 5 | 398.60 | 34.60 | 46.00 | -11.40 | 38.25 | 2.36 | 22.27 | 28.28 | 100 | 217 | Peak | VERTICAL |
| 6 | 533.43 | 36.77 | 46.00 | -9.23 | 38.53 | 2.67 | 24.35 | 28.78 | 150 | 255 | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 5.3G;VHT40;Nss1,(M0);Ntx1;5310 | Pass | AV | 5.3508G | 52.49 | 54.00 | -1.51 | 9.82 | 3 | V | 14 | 1.68 | - |

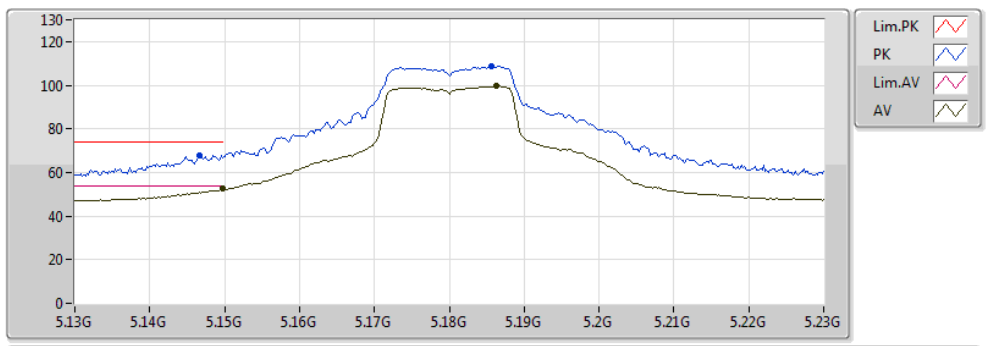
RE TX above 1GHz;Band:5.2G;11a;BWch:20MHz;Nss:1;Nant:1;Ch:5180MHz;TX




20161028
EUT X_1TX_ANT1_PIFA
Setting_51
02-N-2-10

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 5.1498G | 48.62 | 54.00 | -5.38 | 8.54 | 3 | H | 52 | 1.57 | - |
| AV | 5.1862G | 95.85 | Inf | -Inf | 8.63 | 3 | H | 52 | 1.57 | - |
| PK | 5.149G | 63.57 | 74.00 | -10.43 | 8.54 | 3 | H | 52 | 1.57 | - |
| PK | 5.1856G | 104.90 | Inf | -Inf | 8.63 | 3 | H | 52 | 1.57 | - |
| AV | 5.1498G | 52.47 | 54.00 | -1.53 | 8.54 | 3 | V | 6 | 1.67 | - |
| AV | 5.1862G | 99.68 | Inf | -Inf | 8.63 | 3 | V | 6 | 1.67 | - |
| PK | 5.1466G | 68.05 | 74.00 | -5.95 | 8.53 | 3 | V | 6 | 1.67 | - |
| PK | 5.1856G | 108.78 | Inf | -Inf | 8.63 | 3 | V | 6 | 1.67 | - |
| AV | 15.53708G | 45.02 | 54.00 | -8.98 | 15.68 | 3 | H | 249 | 1.91 | - |
| PK | 15.54392G | 58.46 | 74.00 | -15.54 | 15.66 | 3 | H | 249 | 1.91 | - |
| AV | 15.53628G | 44.47 | 54.00 | -9.53 | 15.69 | 3 | V | 1 | 2.21 | - |
| PK | 15.53404G | 58.76 | 74.00 | -15.24 | 15.69 | 3 | V | 1 | 2.21 | - |

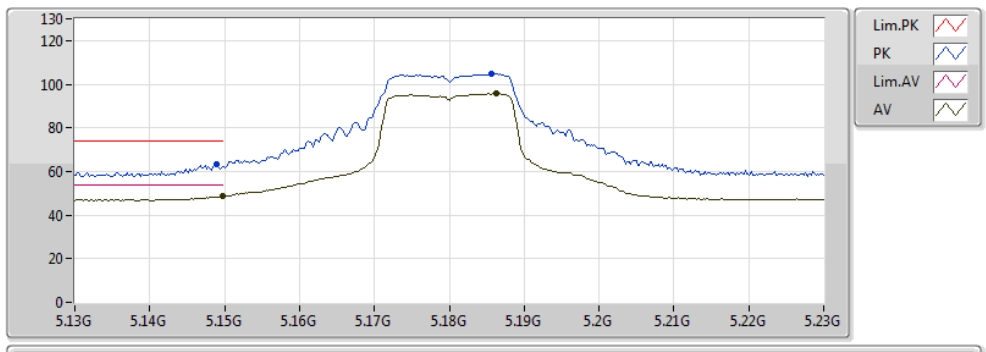
RE TX above 1GHz;Band:5.2G;11a;BWch:20MHz;Nss:1;Nant:1;Ch:5180MHz;TX




20161028
EUT X_1TX_ANT1_PIFA
Setting_51
02-N-2-10

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 5.1498G | 52.47 | 54.00 | -1.53 | 8.54 | 3 | V | 6 | 1.67 | - |
| AV | 5.1862G | 99.68 | Inf | -Inf | 8.63 | 3 | V | 6 | 1.67 | - |
| PK | 5.1466G | 68.05 | 74.00 | -5.95 | 8.53 | 3 | V | 6 | 1.67 | - |
| PK | 5.1856G | 108.78 | Inf | -Inf | 8.63 | 3 | V | 6 | 1.67 | - |

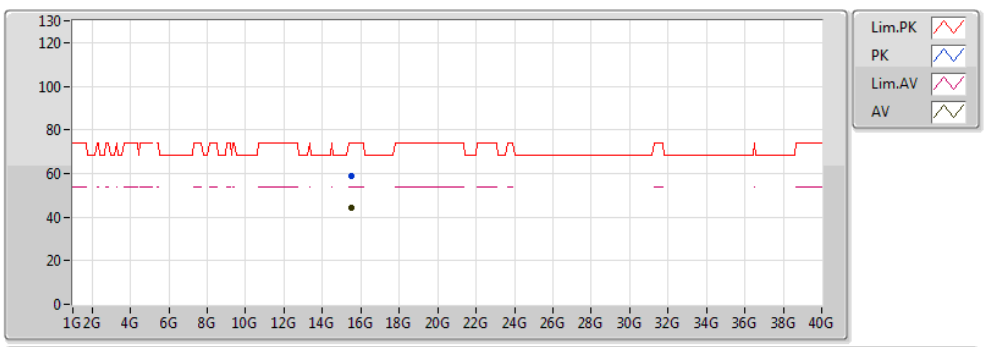
RE TX above 1GHz;Band:5.2G;11a;BWch:20MHz;Nss:1;Nant:1;Ch:5180MHz;TX




20161028
EUT X_1TX_ANT1_PIFA
Setting_51
02-N-2-10

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 5.1498G | 48.62 | 54.00 | -5.38 | 8.54 | 3 | H | 52 | 1.57 | - |
| AV | 5.1862G | 95.85 | Inf | -Inf | 8.63 | 3 | H | 52 | 1.57 | - |
| PK | 5.149G | 63.57 | 74.00 | -10.43 | 8.54 | 3 | H | 52 | 1.57 | - |
| PK | 5.1856G | 104.90 | Inf | -Inf | 8.63 | 3 | H | 52 | 1.57 | - |

RE TX above 1GHz;Band:5.2G;11a;BWch:20MHz;Nss:1;Nant:1;Ch:5180MHz;TX




20161028
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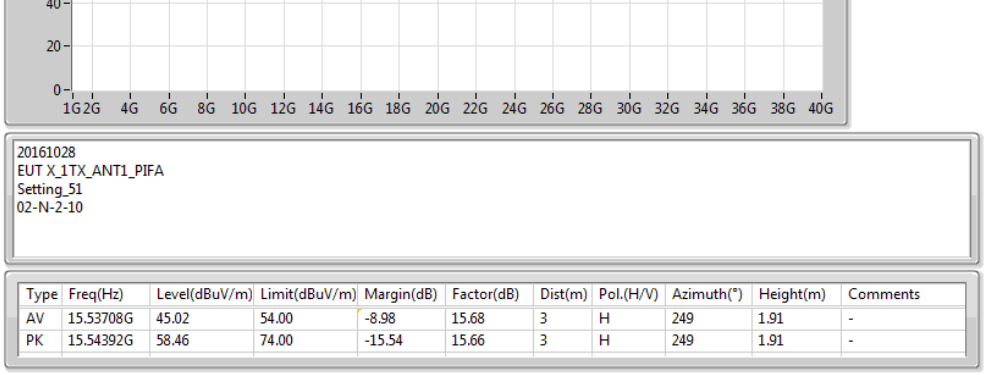
Setting_51
02-N-2-10

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 15.53628G | 44.47 | 54.00 | -9.53 | 15.69 | 3 | V | 1 | 2.21 | - |
| PK | 15.53404G | 58.76 | 74.00 | -15.24 | 15.69 | 3 | V | 1 | 2.21 | - |

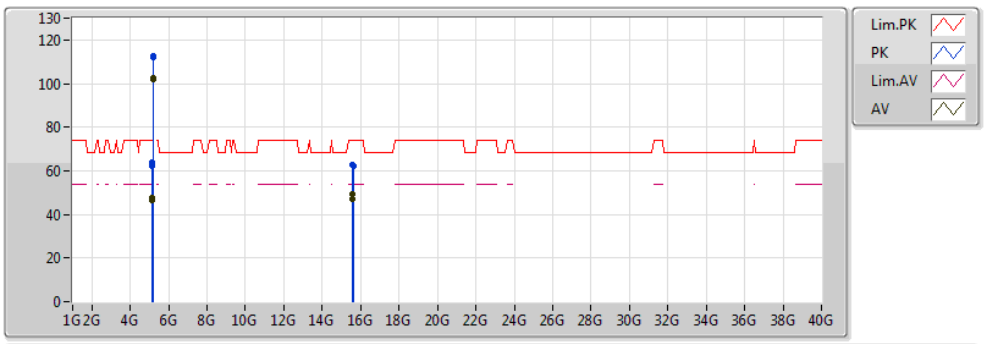
RE TX above 1GHz;Band:5.2G;11a;BWch:20MHz;Nss:1;Nant:1;Ch:5180MHz;TX




20161028
EUT X_1TX_ANT1_PIFA
Setting_51
02-N-2-10

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 15.53708G | 45.02 | 54.00 | -8.98 | 15.68 | 3 | H | 249 | 1.91 | - |
| PK | 15.54392G | 58.46 | 74.00 | -15.54 | 15.66 | 3 | H | 249 | 1.91 | - |

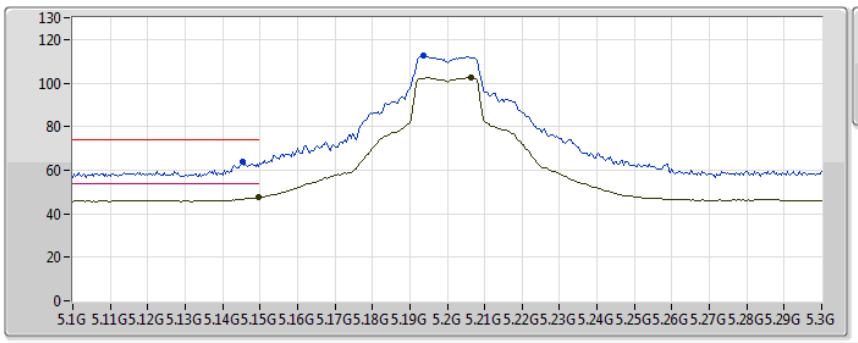
RE TX above 1GHz;Band:5.2G;11a;BWch:5200MHz;TX




20161104
EUT X_1TX_ANT1_PIFA
Setting_57
06-K-1

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 5.1496G | 46.74 | 54.00 | -7.26 | 4.73 | 3 | H | 57 | 1.50 | - |
| AV | 5.1952G | 101.75 | Inf | -Inf | 4.78 | 3 | H | 57 | 1.50 | - |
| PK | 5.1496G | 62.07 | 74.00 | -11.93 | 4.73 | 3 | H | 57 | 1.50 | - |
| PK | 5.1936G | 111.81 | Inf | -Inf | 4.77 | 3 | H | 57 | 1.50 | - |
| AV | 5.1496G | 47.42 | 54.00 | -6.58 | 4.73 | 3 | V | 68 | 1.50 | - |
| AV | 5.2064G | 102.48 | Inf | -Inf | 4.80 | 3 | V | 68 | 1.50 | - |
| PK | 5.1452G | 63.61 | 74.00 | -10.39 | 4.73 | 3 | V | 68 | 1.50 | - |
| PK | 5.1936G | 112.44 | Inf | -Inf | 4.77 | 3 | V | 68 | 1.50 | - |
| AV | 15.59712G | 49.18 | 54.00 | -4.82 | 15.34 | 3 | H | 205 | 1.89 | - |
| PK | 15.59704G | 62.97 | 74.00 | -11.03 | 15.34 | 3 | H | 205 | 1.89 | - |
| AV | 15.5968G | 47.01 | 54.00 | -6.99 | 15.34 | 3 | V | 46 | 2.15 | - |
| PK | 15.6084G | 62.16 | 74.00 | -11.84 | 15.33 | 3 | V | 46 | 2.15 | - |

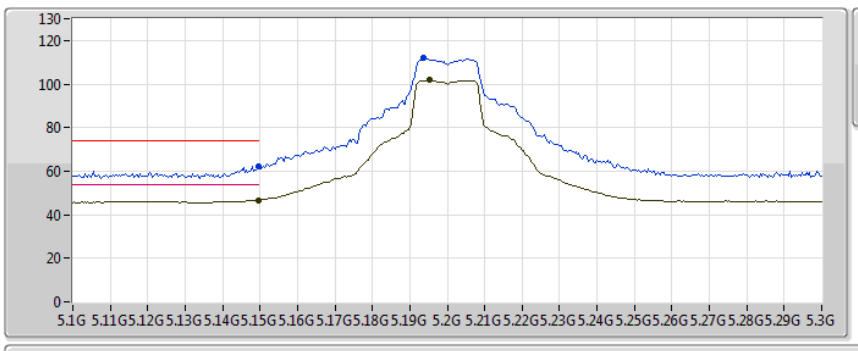
RE TX above 1GHz;Band:5.2G;11a;BWch:20MHz;Nss:1;Nant:1;Ch:5200MHz;TX




20161104
EUT X_1TX_ANT1_PIFA
Setting_57
04-K-1-10
Max setting

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 5.1496G | 47.42 | 54.00 | -6.58 | 4.73 | 3 | V | 68 | 1.50 | - |
| AV | 5.2064G | 102.48 | Inf | -Inf | 4.80 | 3 | V | 68 | 1.50 | - |
| PK | 5.1452G | 63.61 | 74.00 | -10.39 | 4.73 | 3 | V | 68 | 1.50 | - |
| PK | 5.1936G | 112.44 | Inf | -Inf | 4.77 | 3 | V | 68 | 1.50 | - |

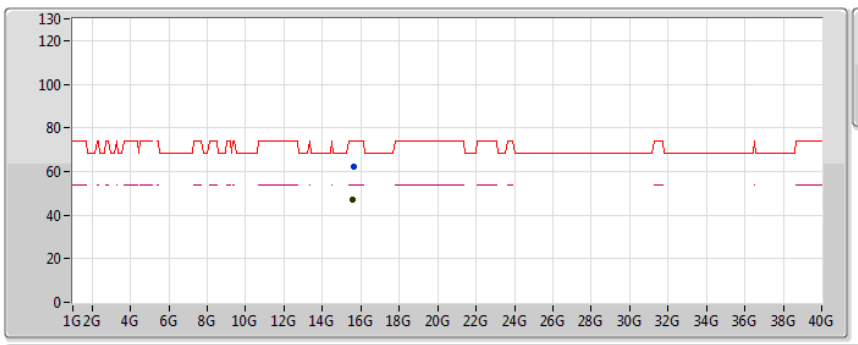
RE TX above 1GHz;Band:5.2G;11a;BWch:20MHz;Nss:1;Nant:1;Ch:5200MHz;TX




20161104
EUT X_1TX_ANT1_PIFA
Setting_57
04-K-1-10

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 5.1496G | 46.74 | 54.00 | -7.26 | 4.73 | 3 | H | 57 | 1.50 | - |
| AV | 5.1952G | 101.75 | Inf | -Inf | 4.78 | 3 | H | 57 | 1.50 | - |
| PK | 5.1496G | 62.07 | 74.00 | -11.93 | 4.73 | 3 | H | 57 | 1.50 | - |
| PK | 5.1936G | 111.81 | Inf | -Inf | 4.77 | 3 | H | 57 | 1.50 | - |

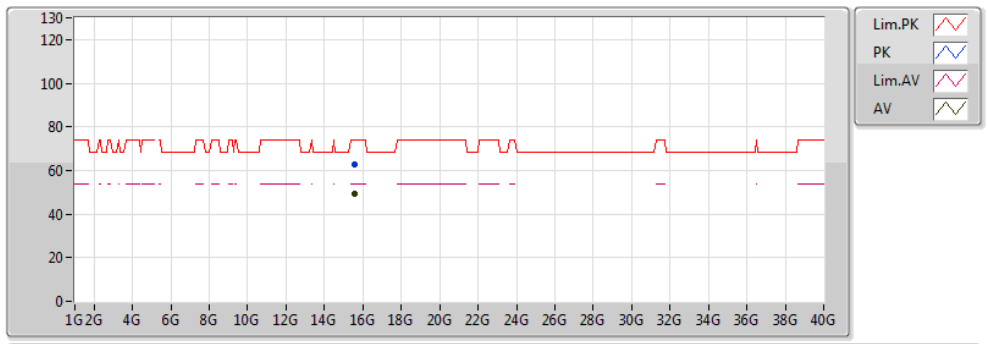
RE TX above 1GHz;Band:5.2G;11a;BWch:20MHz;Nss:1;Nant:1;Ch:5200MHz;TX




20161104
EUT X_1TX_ANT1_PIFA
Setting_57
04-K-1

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 15.5968G | 47.01 | 54.00 | -6.99 | 15.34 | 3 | V | 46 | 2.15 | - |
| PK | 15.6084G | 62.16 | 74.00 | -11.84 | 15.33 | 3 | V | 46 | 2.15 | - |

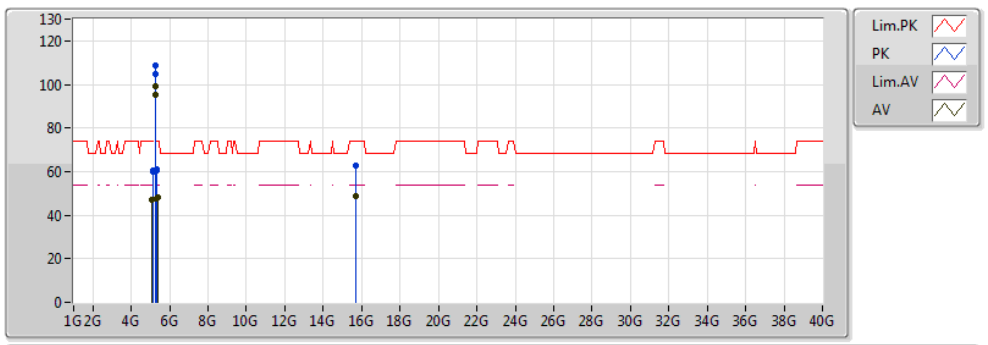
RE TX above 1GHz;Band:5.2G;11a;BWch:20MHz;Nss:1;Nant:1;Ch:5200MHz;TX




20161104
EUT X_1TX_ANT1_PIFA
Setting_57
04-K-1

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| PK | 15.59712G | 49.18 | 54.00 | -4.82 | 15.34 | 3 | H | 205 | 1.89 | - |
| PK | 15.59704G | 62.97 | 74.00 | -11.03 | 15.34 | 3 | H | 205 | 1.89 | - |

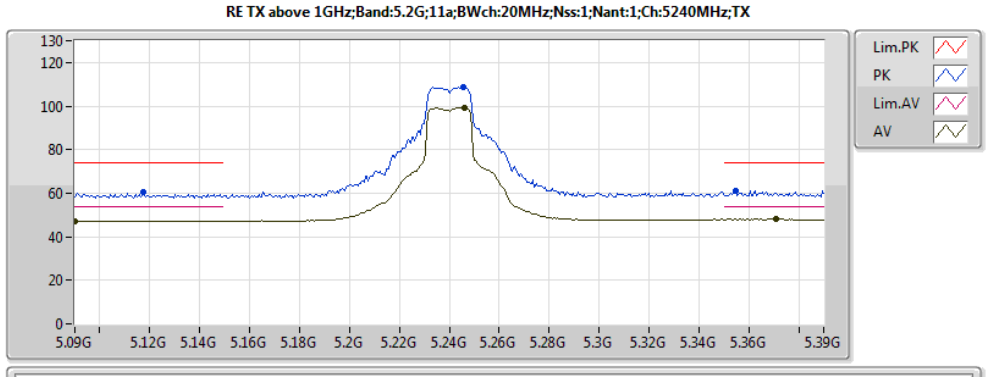
RE TX above 1GHz;Band:5.2G;11a;BWch:20MHz;Nss:1;Nant:1;Ch:5240MHz;TX




20161028
EUT X_1TX_ANT1_PIFA
Setting_51
06-K-1

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 5.0906G | 47.15 | 54.00 | -6.85 | 7.84 | 3 | H | 222 | 2.21 | - |
| AV | 5.246G | 95.27 | Inf | -Inf | 8.03 | 3 | H | 222 | 2.21 | - |
| AV | 5.3564G | 47.85 | 54.00 | -6.15 | 8.26 | 3 | H | 222 | 2.21 | - |
| AV | 15.70836G | 48.80 | 54.00 | -5.20 | 18.93 | 3 | H | 200 | 1.64 | - |
| PK | 5.1446G | 60.20 | 74.00 | -13.80 | 7.89 | 3 | H | 222 | 2.21 | - |
| PK | 5.2334G | 104.77 | Inf | -Inf | 8.01 | 3 | H | 222 | 2.21 | - |
| PK | 5.357G | 60.55 | 74.00 | -13.45 | 8.26 | 3 | H | 222 | 2.21 | - |
| PK | 15.70842G | 62.87 | 74.00 | -11.13 | 18.93 | 3 | H | 200 | 1.64 | - |
| AV | 5.09G | 47.30 | 54.00 | -6.70 | 7.84 | 3 | V | 105 | 1.50 | - |
| AV | 5.246G | 99.44 | Inf | -Inf | 8.03 | 3 | V | 105 | 1.50 | - |
| AV | 5.3708G | 48.04 | 54.00 | -5.96 | 8.29 | 3 | V | 105 | 1.50 | - |
| AV | 15.70878G | 48.81 | 54.00 | -5.19 | 18.93 | 3 | V | 259 | 1.23 | - |
| PK | 5.1176G | 60.44 | 74.00 | -13.56 | 7.87 | 3 | V | 105 | 1.50 | - |
| PK | 5.2454G | 108.96 | Inf | -Inf | 8.03 | 3 | V | 105 | 1.50 | - |
| PK | 5.3546G | 61.32 | 74.00 | -12.68 | 8.25 | 3 | V | 105 | 1.50 | - |
| PK | 15.70776G | 62.85 | 74.00 | -11.15 | 18.93 | 3 | V | 259 | 1.23 | - |

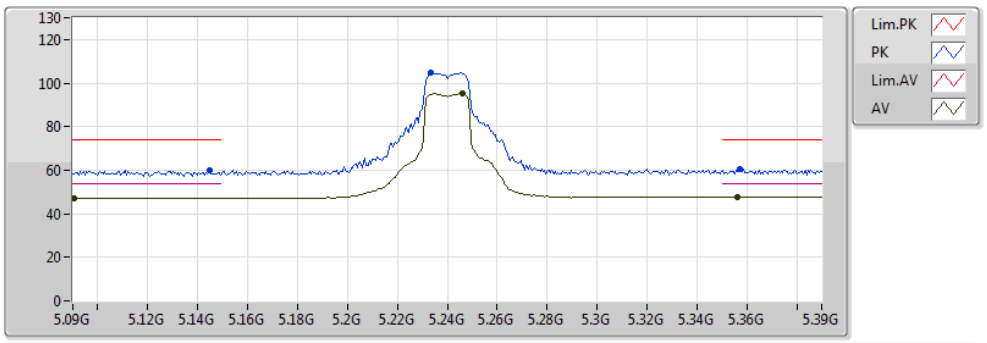
RE TX above 1GHz;Band:5.2G;11a;BWch:20MHz;Nss:1;Nant:1;Ch:5240MHz;TX




20161028
EUT X_1TX_ANT1_PIFA
Setting_51
06-K-1-10

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 5.09G | 47.30 | 54.00 | -6.70 | 7.84 | 3 | V | 105 | 1.50 | - |
| AV | 5.246G | 99.44 | Inf | -Inf | 8.03 | 3 | V | 105 | 1.50 | - |
| AV | 5.3708G | 48.04 | 54.00 | -5.96 | 8.29 | 3 | V | 105 | 1.50 | - |
| PK | 5.1176G | 60.44 | 74.00 | -13.56 | 7.87 | 3 | V | 105 | 1.50 | - |
| PK | 5.2454G | 108.96 | Inf | -Inf | 8.03 | 3 | V | 105 | 1.50 | - |
| PK | 5.3546G | 61.32 | 74.00 | -12.68 | 8.25 | 3 | V | 105 | 1.50 | - |

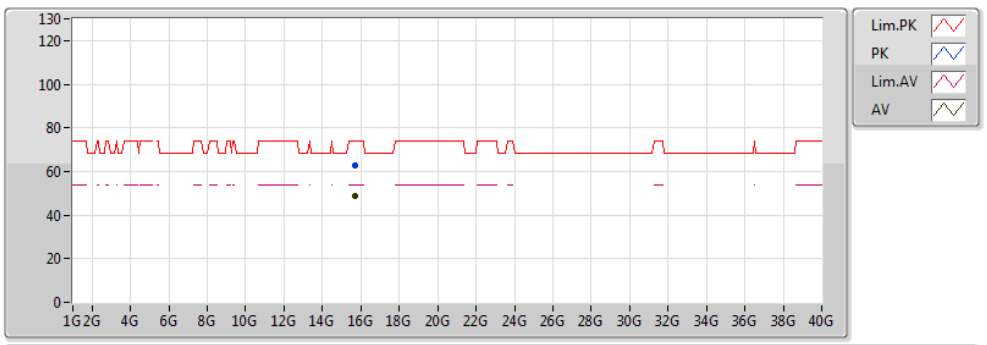
RE TX above 1GHz;Band:5.2G;11a;BWch:20MHz;Nss:1;Nant:1;Ch:5240MHz;TX




20161028
EUT X_1TX_ANT1_PIFA
Setting_51
06-K-1-10

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 5.0906G | 47.15 | 54.00 | -6.85 | 7.84 | 3 | H | 222 | 2.21 | - |
| AV | 5.246G | 95.27 | Inf | -Inf | 8.03 | 3 | H | 222 | 2.21 | - |
| AV | 5.3564G | 47.85 | 54.00 | -6.15 | 8.26 | 3 | H | 222 | 2.21 | - |
| PK | 5.1446G | 60.20 | 74.00 | -13.80 | 7.89 | 3 | H | 222 | 2.21 | - |
| PK | 5.2334G | 104.77 | Inf | -Inf | 8.01 | 3 | H | 222 | 2.21 | - |
| PK | 5.357G | 60.55 | 74.00 | -13.45 | 8.26 | 3 | H | 222 | 2.21 | - |

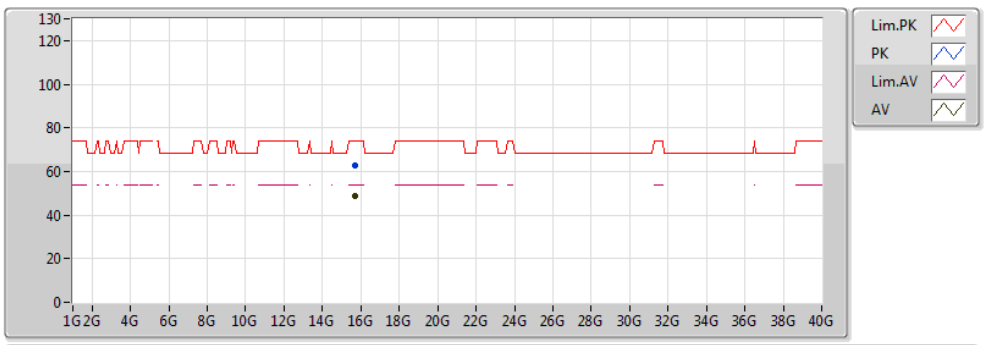
RE TX above 1GHz;Band:5.2G;11a;BWch:20MHz;Nss:1;Nant:1;Ch:5240MHz;TX




20161028
EUT X_1TX_ANT1_PIFA
Setting_51
06-K-1

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 15.70878G | 48.81 | 54.00 | -5.19 | 18.93 | 3 | V | 259 | 1.23 | - |
| PK | 15.70776G | 62.85 | 74.00 | -11.15 | 18.93 | 3 | V | 259 | 1.23 | - |

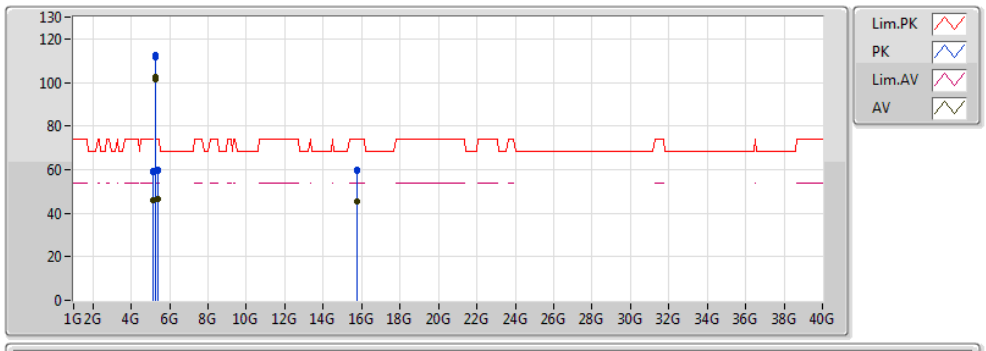
RE TX above 1GHz;Band:5.2G;11a;BWch:20MHz;Nss:1;Nant:1;Ch:5240MHz;TX




20161028
EUT X_1TX_ANT1_PIFA
Setting_51
06-K-1

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 15.70836G | 48.80 | 54.00 | -5.20 | 18.93 | 3 | H | 200 | 1.64 | - |
| PK | 15.70842G | 62.87 | 74.00 | -11.13 | 18.93 | 3 | H | 200 | 1.64 | - |

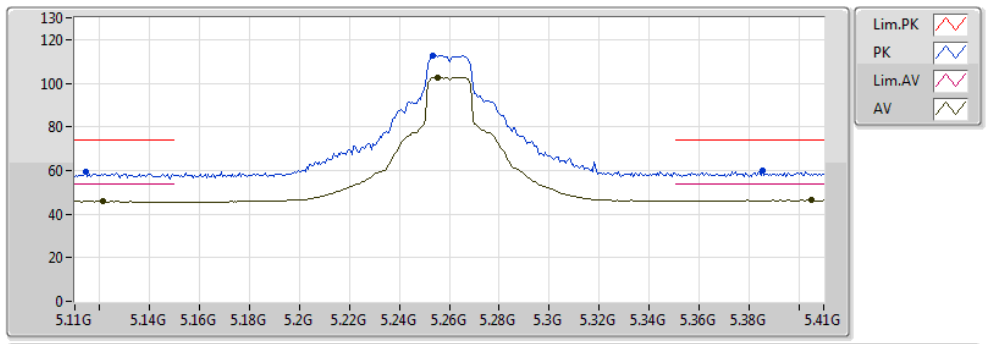
RE TX above 1GHz;Band:5.3G;11a;BWch:20MHz;Nss:1;Nant:1;Ch:5260MHz;TX




20161104
EUT X_1TX_ANT1_PIFA
Setting_57
04-K-1

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 5.1148G | 45.87 | 54.00 | -8.13 | 4.69 | 3 | H | 57 | 1.50 | - |
| AV | 5.2654G | 101.69 | Inf | -Inf | 4.94 | 3 | H | 57 | 1.50 | - |
| AV | 5.4088G | 46.33 | 54.00 | -7.67 | 5.25 | 3 | H | 57 | 1.50 | - |
| PK | 5.146G | 58.82 | 74.00 | -15.18 | 4.73 | 3 | H | 57 | 1.50 | - |
| PK | 5.2654G | 111.52 | Inf | -Inf | 4.94 | 3 | H | 57 | 1.50 | - |
| PK | 5.3794G | 59.57 | 74.00 | -14.43 | 5.17 | 3 | H | 57 | 1.50 | - |
| AV | 5.1214G | 45.82 | 54.00 | -8.18 | 4.70 | 3 | V | 66 | 1.50 | - |
| AV | 5.2552G | 102.82 | Inf | -Inf | 4.91 | 3 | V | 66 | 1.50 | - |
| AV | 5.4052G | 46.40 | 54.00 | -7.60 | 5.24 | 3 | V | 66 | 1.50 | - |
| PK | 5.1142G | 59.24 | 74.00 | -14.76 | 4.69 | 3 | V | 66 | 1.50 | - |
| PK | 5.2534G | 112.67 | Inf | -Inf | 4.91 | 3 | V | 66 | 1.50 | - |
| PK | 5.3854G | 59.76 | 74.00 | -14.24 | 5.18 | 3 | V | 66 | 1.50 | - |
| AV | 15.76008G | 45.54 | 54.00 | -8.46 | 15.19 | 3 | H | 149 | 1.62 | - |
| PK | 15.79136G | 59.68 | 74.00 | -14.32 | 15.16 | 3 | H | 149 | 1.62 | - |
| AV | 15.76072G | 45.53 | 54.00 | -8.47 | 15.18 | 3 | V | 215 | 1.84 | - |
| PK | 15.78984G | 59.57 | 74.00 | -14.43 | 15.16 | 3 | V | 215 | 1.84 | - |

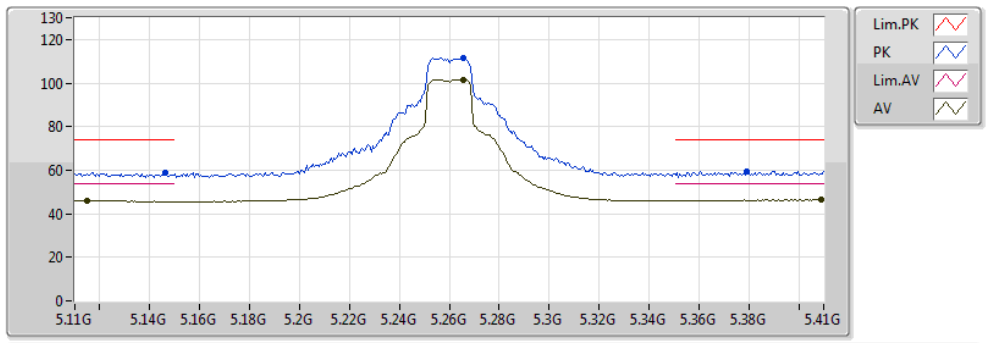
RE TX above 1GHz;Band:5.3G;11a;BWch:20MHz;Nss:1;Nant:1;Ch:5260MHz;TX




20161104
EUT X_1TX_ANT1_PIFA
Setting_57
04-K-1-10
Max setting

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 5.1214G | 45.82 | 54.00 | -8.18 | 4.70 | 3 | V | 66 | 1.50 | - |
| AV | 5.2552G | 102.82 | Inf | -Inf | 4.91 | 3 | V | 66 | 1.50 | - |
| AV | 5.4052G | 46.40 | 54.00 | -7.60 | 5.24 | 3 | V | 66 | 1.50 | - |
| PK | 5.1142G | 59.24 | 74.00 | -14.76 | 4.69 | 3 | V | 66 | 1.50 | - |
| PK | 5.2534G | 112.67 | Inf | -Inf | 4.91 | 3 | V | 66 | 1.50 | - |
| PK | 5.3854G | 59.76 | 74.00 | -14.24 | 5.18 | 3 | V | 66 | 1.50 | - |

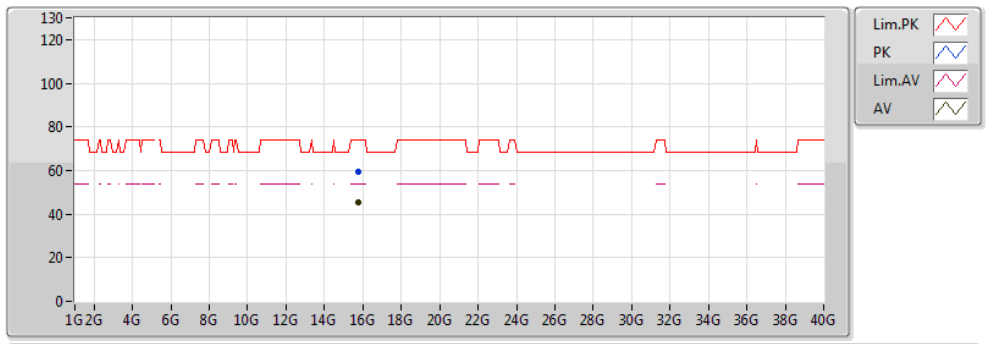
RE TX above 1GHz;Band:5.3G;11a;BWch:20MHz;Nss:1;Nant:1;Ch:5260MHz;TX




20161104
EUT X_1TX_ANT1_PIFA
Setting_57
04-K-1-10

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 5.1148G | 45.87 | 54.00 | -8.13 | 4.69 | 3 | H | 57 | 1.50 | - |
| AV | 5.2654G | 101.69 | Inf | -Inf | 4.94 | 3 | H | 57 | 1.50 | - |
| AV | 5.4088G | 46.33 | 54.00 | -7.67 | 5.25 | 3 | H | 57 | 1.50 | - |
| PK | 5.146G | 58.82 | 74.00 | -15.18 | 4.73 | 3 | H | 57 | 1.50 | - |
| PK | 5.2654G | 111.52 | Inf | -Inf | 4.94 | 3 | H | 57 | 1.50 | - |
| PK | 5.3794G | 59.57 | 74.00 | -14.43 | 5.17 | 3 | H | 57 | 1.50 | - |

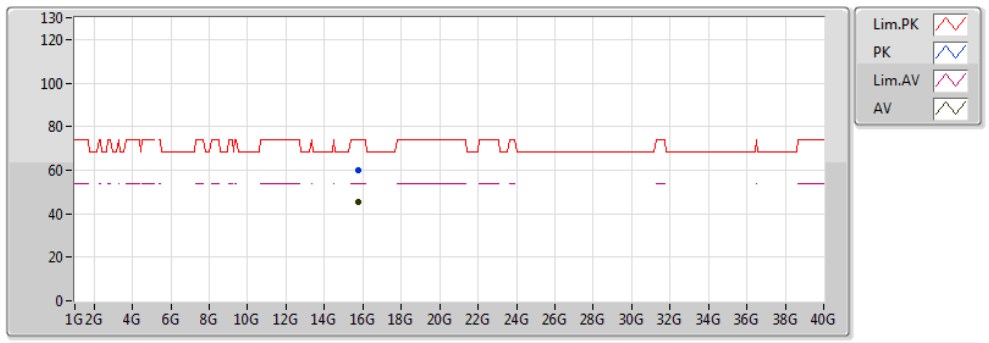
RE TX above 1GHz;Band:5.3G;11a;BWch:20MHz;Nss:1;Nant:1;Ch:5260MHz;TX




20161104
EUT X_1TX_ANT1_PIFA
Setting_57
04-K-1

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 15.76072G | 45.53 | 54.00 | -8.47 | 15.18 | 3 | V | 215 | 1.84 | - |
| PK | 15.78984G | 59.57 | 74.00 | -14.43 | 15.16 | 3 | V | 215 | 1.84 | - |

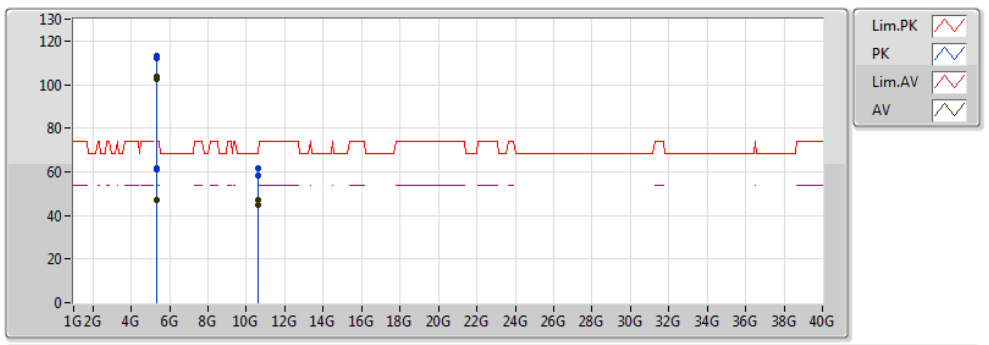
RE TX above 1GHz;Band:5.3G;11a;BWch:20MHz;Nss:1;Nant:1;Ch:5260MHz;TX




20161104
EUT X_1TX_ANT1_PIFA
Setting_57
04-K-1

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 15.76008G | 45.54 | 54.00 | -8.46 | 15.19 | 3 | H | 149 | 1.62 | - |
| PK | 15.79136G | 59.68 | 74.00 | -14.32 | 15.16 | 3 | H | 149 | 1.62 | - |

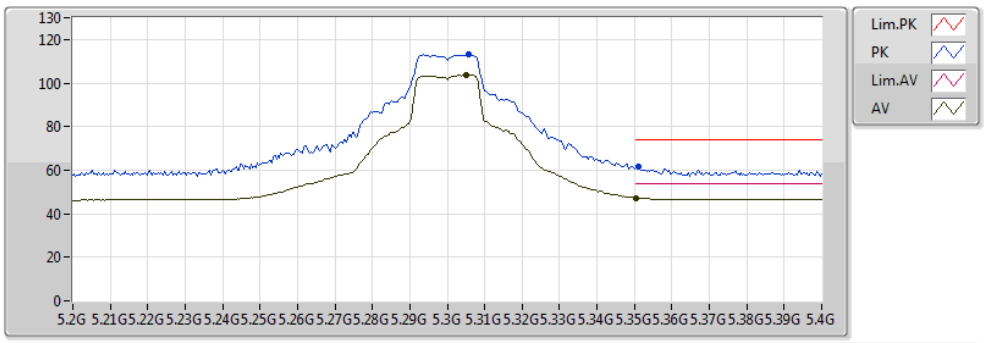
RE TX above 1GHz;Band:5.3G;11a;BWch:20MHz;Nss:1;Nant:1;Ch:5300MHz;TX




20161104
EUT X_1TX_ANT1_PIFA
Setting_57
04-K-1

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 5.3064G | 102.62 | Inf | -Inf | 5.03 | 3 | H | 59 | 1.50 | - |
| AV | 5.3504G | 47.10 | 54.00 | -6.90 | 5.12 | 3 | H | 59 | 1.50 | - |
| PK | 5.3056G | 112.34 | Inf | -Inf | 5.03 | 3 | H | 59 | 1.50 | - |
| PK | 5.3556G | 61.09 | 74.00 | -12.91 | 5.13 | 3 | H | 59 | 1.50 | - |
| AV | 5.3052G | 103.66 | Inf | -Inf | 5.03 | 3 | V | 66 | 1.50 | - |
| AV | 5.3504G | 47.25 | 54.00 | -6.75 | 5.12 | 3 | V | 66 | 1.50 | - |
| PK | 5.3056G | 113.33 | Inf | -Inf | 5.03 | 3 | V | 66 | 1.50 | - |
| PK | 5.3512G | 61.48 | 74.00 | -12.52 | 5.12 | 3 | V | 66 | 1.50 | - |
| AV | 10.59488G | 44.60 | 54.00 | -9.40 | 14.32 | 3 | H | 278 | 1.50 | - |
| PK | 10.58904G | 58.09 | 74.00 | -15.91 | 14.31 | 3 | H | 278 | 1.50 | - |
| AV | 10.60016G | 46.96 | 54.00 | -7.04 | 14.33 | 3 | V | 56 | 1.50 | - |
| PK | 10.60224G | 61.42 | 74.00 | -12.58 | 14.33 | 3 | V | 56 | 1.50 | - |

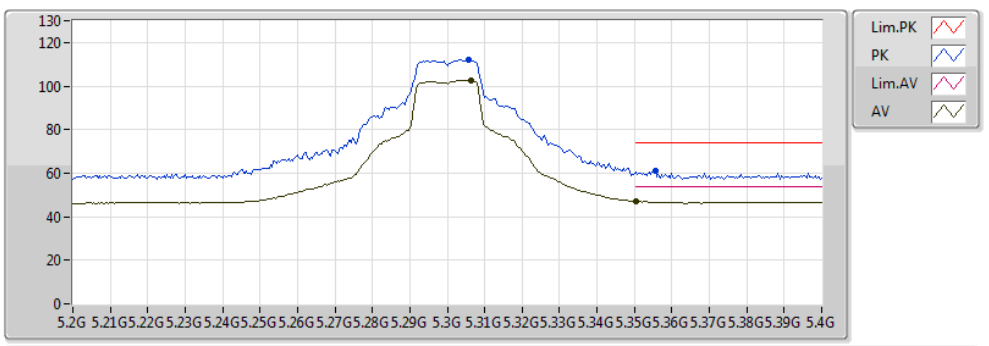
RE TX above 1GHz;Band:5.3G;11a;BWch:20MHz;Nss:1;Nant:1;Ch:5300MHz;TX




20161104
EUT X_1TX_ANT1_PIFA
Setting_57
04-K-1-10
Max setting

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 5.3052G | 103.66 | Inf | -Inf | 5.03 | 3 | V | 66 | 1.50 | - |
| AV | 5.3504G | 47.25 | 54.00 | -6.75 | 5.12 | 3 | V | 66 | 1.50 | - |
| PK | 5.3056G | 113.33 | Inf | -Inf | 5.03 | 3 | V | 66 | 1.50 | - |
| PK | 5.3512G | 61.48 | 74.00 | -12.52 | 5.12 | 3 | V | 66 | 1.50 | - |

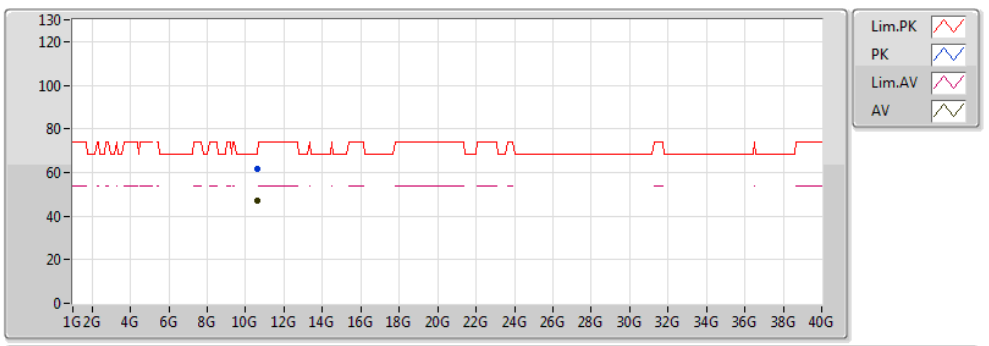
RE TX above 1GHz;Band:5.3G;11a;BWch:20MHz;Nss:1;Nant:1;Ch:5300MHz;TX




20161104
EUT X_1TX_ANT1_PIFA
Setting_57
04-K-1-10

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 5.3064G | 102.62 | Inf | -Inf | 5.03 | 3 | H | 59 | 1.50 | - |
| AV | 5.3504G | 47.10 | 54.00 | -6.90 | 5.12 | 3 | H | 59 | 1.50 | - |
| PK | 5.3056G | 112.34 | Inf | -Inf | 5.03 | 3 | H | 59 | 1.50 | - |
| PK | 5.3556G | 61.09 | 74.00 | -12.91 | 5.13 | 3 | H | 59 | 1.50 | - |

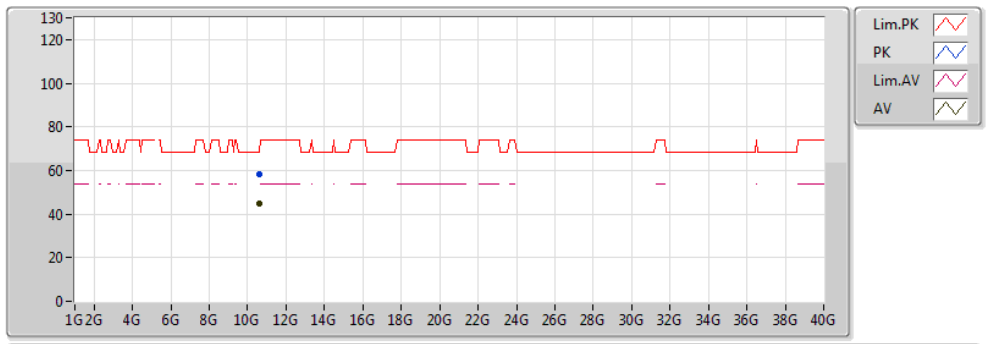
RE TX above 1GHz;Band:5.3G;11a;BWch:20MHz;Nss:1;Nant:1;Ch:5300MHz;TX




20161104
EUT X_1TX_ANT1_PIFA
Setting_57
04-K-1

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 10.60016G | 46.96 | 54.00 | -7.04 | 14.33 | 3 | V | 56 | 1.50 | - |
| PK | 10.60224G | 61.42 | 74.00 | -12.58 | 14.33 | 3 | V | 56 | 1.50 | - |

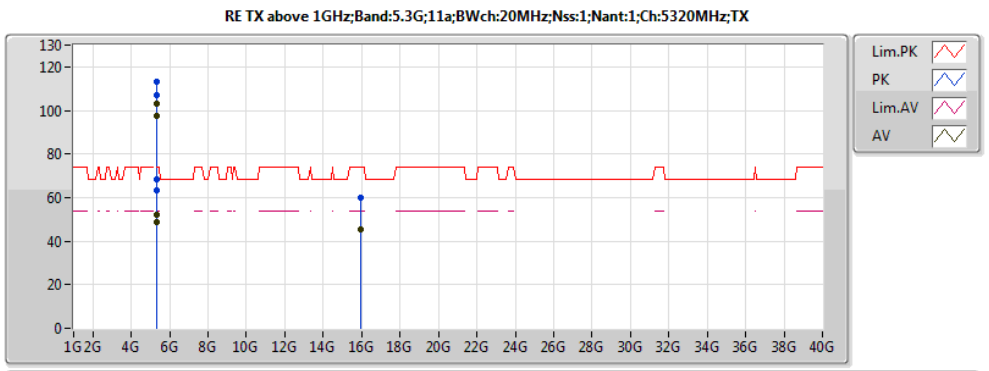
RE TX above 1GHz;Band:5.3G;11a;BWch:20MHz;Nss:1;Nant:1;Ch:5300MHz;TX




20161104
EUT X_1TX_ANT1_PIFA
Setting_57
04-K-1

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 10.59488G | 44.60 | 54.00 | -9.40 | 14.32 | 3 | H | 278 | 1.50 | - |
| PK | 10.58904G | 58.09 | 74.00 | -15.91 | 14.31 | 3 | H | 278 | 1.50 | - |

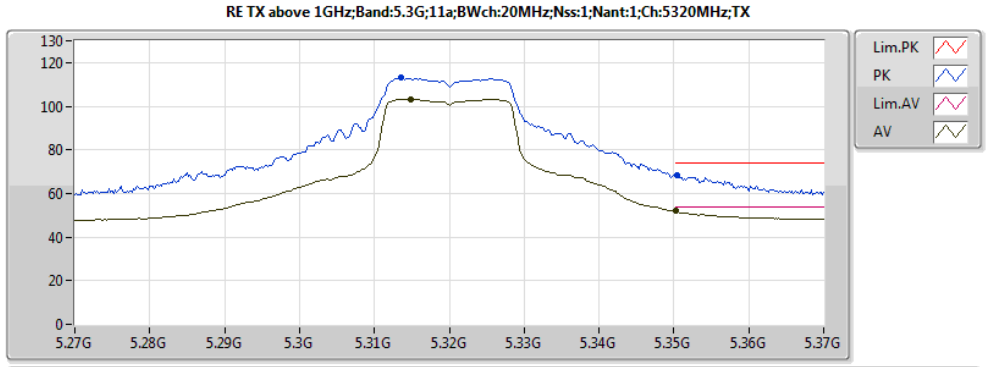
RE TX above 1GHz;Band:5.3G;11a;BWch:20MHz;Nss:1;Nant:1;Ch:5320MHz;TX




20161111
EUT X_1TX_ANT1_PIFA
Setting_48
02-N-2-10

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 5.3262G | 97.70 | Inf | -Inf | 9.73 | 3 | H | 30 | 2.40 | - |
| AV | 5.3502G | 48.65 | 54.00 | -5.35 | 9.82 | 3 | H | 30 | 2.40 | - |
| PK | 5.3254G | 107.18 | Inf | -Inf | 9.73 | 3 | H | 30 | 2.40 | - |
| PK | 5.3512G | 63.32 | 74.00 | -10.68 | 9.82 | 3 | H | 30 | 2.40 | - |
| AV | 5.3148G | 103.22 | Inf | -Inf | 9.69 | 3 | V | 358 | 1.88 | - |
| AV | 5.3502G | 52.25 | 54.00 | -1.75 | 9.82 | 3 | V | 358 | 1.88 | - |
| PK | 5.3136G | 113.15 | Inf | -Inf | 9.68 | 3 | V | 358 | 1.88 | - |
| PK | 5.3504G | 68.22 | 74.00 | -5.78 | 9.82 | 3 | V | 358 | 1.88 | - |
| AV | 15.95164G | 45.53 | 54.00 | -8.47 | 15.90 | 3 | H | 316 | 1.50 | - |
| PK | 15.95136G | 59.81 | 74.00 | -14.19 | 15.90 | 3 | H | 316 | 1.50 | - |
| AV | 15.957G | 45.41 | 54.00 | -8.59 | 15.88 | 3 | V | 1 | 1.42 | - |
| PK | 15.96592G | 59.86 | 74.00 | -14.14 | 15.85 | 3 | V | 1 | 1.42 | - |

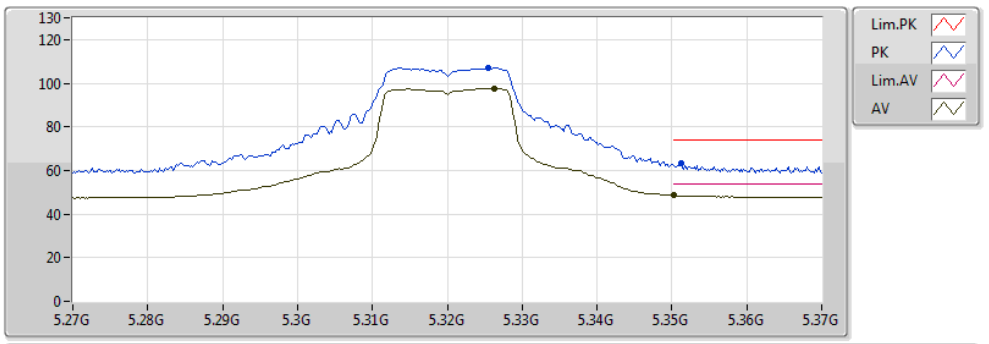
RE TX above 1GHz;Band:5.3G;11a;BWch:20MHz;Nss:1;Nant:1;Ch:5320MHz;TX




20161111
EUT X_1TX_ANT1_PIFA
Setting_48
02-N-2-10

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 5.3148G | 103.22 | Inf | -Inf | 9.69 | 3 | V | 358 | 1.88 | - |
| AV | 5.3502G | 52.25 | 54.00 | -1.75 | 9.82 | 3 | V | 358 | 1.88 | - |
| PK | 5.3136G | 113.15 | Inf | -Inf | 9.68 | 3 | V | 358 | 1.88 | - |
| PK | 5.3504G | 68.22 | 74.00 | -5.78 | 9.82 | 3 | V | 358 | 1.88 | - |

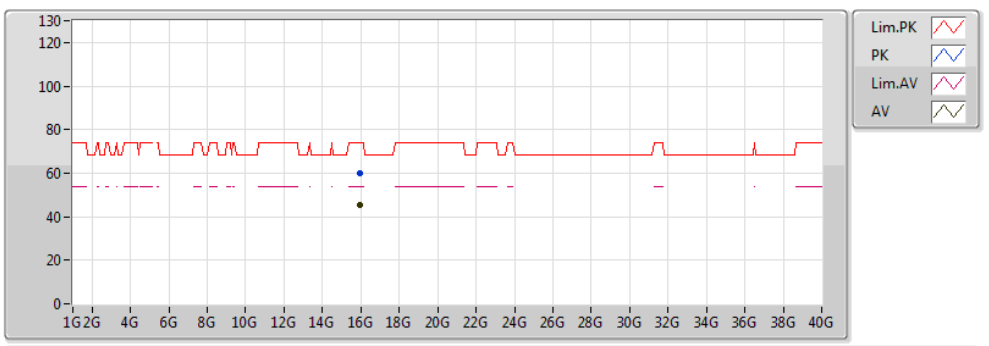
RE TX above 1GHz;Band:5.3G;11a;BWch:20MHz;Nss:1;Nant:1;Ch:5320MHz;TX




20161111
EUT X_1TX_ANT1_PIFA
Setting_48
02-N-2-10

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 5.3262G | 97.70 | Inf | -Inf | 9.73 | 3 | H | 30 | 2.40 | - |
| AV | 5.3502G | 48.65 | 54.00 | -5.35 | 9.82 | 3 | H | 30 | 2.40 | - |
| PK | 5.3254G | 107.18 | Inf | -Inf | 9.73 | 3 | H | 30 | 2.40 | - |
| PK | 5.3512G | 63.32 | 74.00 | -10.68 | 9.82 | 3 | H | 30 | 2.40 | - |

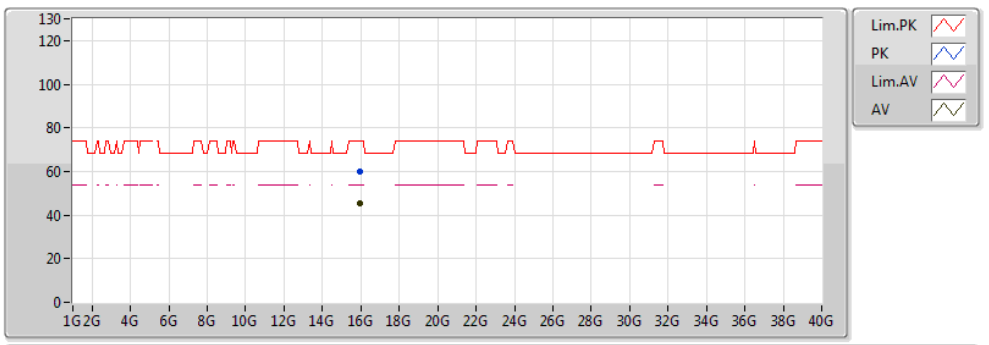
RE TX above 1GHz;Band:5.3G;11a;BWch:20MHz;Nss:1;Nant:1;Ch:5320MHz;TX




20161113
EUT X_1TX_ANT1_PIFA
Setting_48
02-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 | 15.957G | 45.41 | 54.00 | -8.59 | 15.88 | 3 | V | 1 | 1.42 | - |
| PK | 15.96592G | 59.86 | 74.00 | -14.14 | 15.85 | 3 | V | 1 | 1.42 | - |

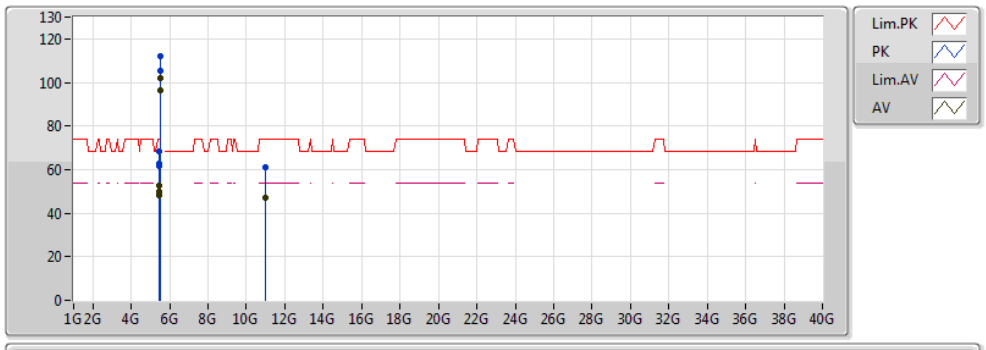
RE TX above 1GHz;Band:5.3G;11a;BWch:20MHz;Nss:1;Nant:1;Ch:5320MHz;TX




20161111
EUT X_1TX_ANT1_PIFA
Setting_48
02-N-2-10

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 15.95164G | 45.53 | 54.00 | -8.47 | 15.90 | 3 | H | 316 | 1.50 | - |
| PK | 15.95136G | 59.81 | 74.00 | -14.19 | 15.90 | 3 | H | 316 | 1.50 | - |

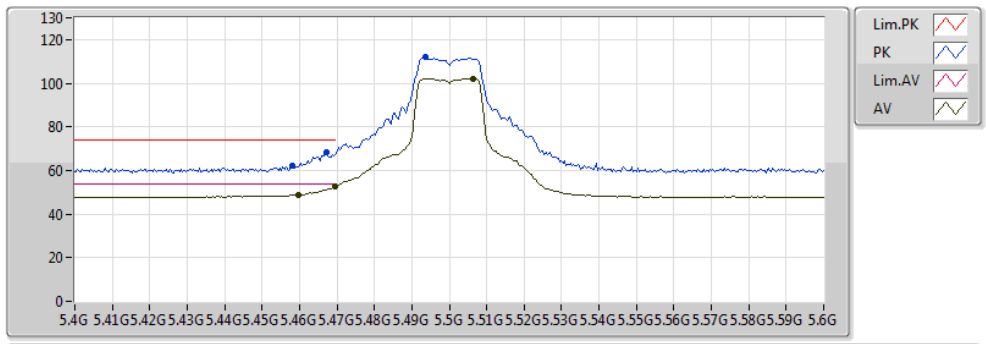
RE TX above 1GHz;Band:5.6G;11a;BWch:20MHz;Nss:1;Nant:1;Ch:5500MHz;TX




20161112
EUT X_1TX_ANT1_PIFA
Setting_46
02-S-5-10

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 5.4568G | 48.45 | 54.00 | -5.55 | 10.21 | 3 | H | 55 | 1.58 | - |
| AV | 5.4692G | 49.62 | 54.00 | -4.38 | 10.26 | 3 | H | 55 | 1.58 | - |
| AV | 5.5064G | 96.15 | Inf | -Inf | 10.38 | 3 | H | 55 | 1.58 | - |
| PK | 5.4576G | 61.47 | 74.00 | -12.53 | 10.22 | 3 | H | 55 | 1.58 | - |
| PK | 5.4688G | 62.99 | 74.00 | -11.01 | 10.26 | 3 | H | 55 | 1.58 | - |
| PK | 5.4936G | 105.44 | Inf | -Inf | 10.35 | 3 | H | 55 | 1.58 | - |
| AV | 5.4596G | 48.76 | 54.00 | -5.24 | 10.22 | 3 | V | 19 | 1.63 | - |
| AV | 5.4696G | 52.40 | 54.00 | -1.60 | 10.26 | 3 | V | 19 | 1.63 | - |
| AV | 5.5064G | 102.07 | Inf | -Inf | 10.38 | 3 | V | 19 | 1.63 | - |
| PK | 5.458G | 62.02 | 74.00 | -11.98 | 10.22 | 3 | V | 19 | 1.63 | - |
| PK | 5.4672G | 68.43 | 74.00 | -5.57 | 10.25 | 3 | V | 19 | 1.63 | - |
| PK | 5.4936G | 111.87 | Inf | -Inf | 10.35 | 3 | V | 19 | 1.63 | - |
| AV | 11.0147G | 46.84 | 54.00 | -7.16 | 18.20 | 3 | H | 150 | 1.74 | - |
| PK | 10.99658G | 60.84 | 74.00 | -13.16 | 18.21 | 3 | H | 150 | 1.74 | - |
| AV | 11.00906G | 46.82 | 54.00 | -7.18 | 18.20 | 3 | V | 224 | 1.58 | - |
| PK | 11.0114G | 61.28 | 74.00 | -12.72 | 18.20 | 3 | V | 224 | 1.58 | - |

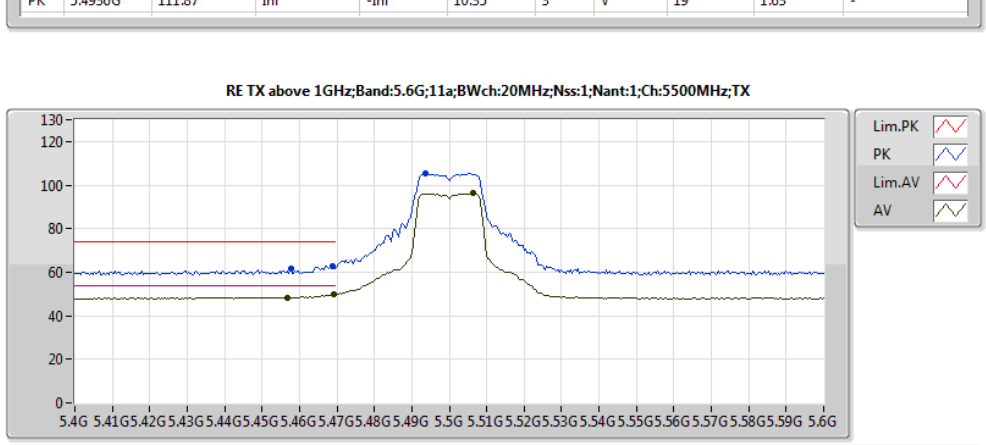
RE TX above 1GHz;Band:5.6G;11a;BWch:20MHz;Nss:1;Nant:1;Ch:5500MHz;TX




20161112
EUT X_1TX_ANT1_PIFA
Setting_46
02-S-5-10

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 5.4596G | 48.76 | 54.00 | -5.24 | 10.22 | 3 | V | 19 | 1.63 | - |
| AV | 5.4696G | 52.40 | 54.00 | -1.60 | 10.26 | 3 | V | 19 | 1.63 | - |
| AV | 5.5064G | 102.07 | Inf | -Inf | 10.38 | 3 | V | 19 | 1.63 | - |
| PK | 5.458G | 62.02 | 74.00 | -11.98 | 10.22 | 3 | V | 19 | 1.63 | - |
| PK | 5.4672G | 68.43 | 74.00 | -5.57 | 10.25 | 3 | V | 19 | 1.63 | - |
| PK | 5.4936G | 111.87 | Inf | -Inf | 10.35 | 3 | V | 19 | 1.63 | - |

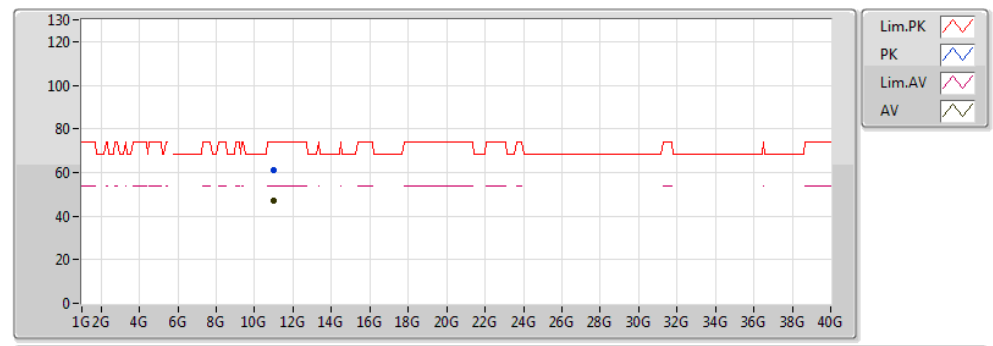
RE TX above 1GHz;Band:5.6G;11a;BWch:20MHz;Nss:1;Nant:1;Ch:5500MHz;TX




20161112
EUT X_1TX_ANT1_PIFA
Setting_46
02-S-5-10

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 5.4568G | 48.45 | 54.00 | -5.55 | 10.21 | 3 | H | 55 | 1.58 | - |
| AV | 5.4692G | 49.62 | 54.00 | -4.38 | 10.26 | 3 | H | 55 | 1.58 | - |
| AV | 5.5064G | 96.15 | Inf | -Inf | 10.38 | 3 | H | 55 | 1.58 | - |
| PK | 5.4576G | 61.47 | 74.00 | -12.53 | 10.22 | 3 | H | 55 | 1.58 | - |
| PK | 5.4688G | 62.99 | 74.00 | -11.01 | 10.26 | 3 | H | 55 | 1.58 | - |
| PK | 5.4936G | 105.44 | Inf | -Inf | 10.35 | 3 | H | 55 | 1.58 | - |

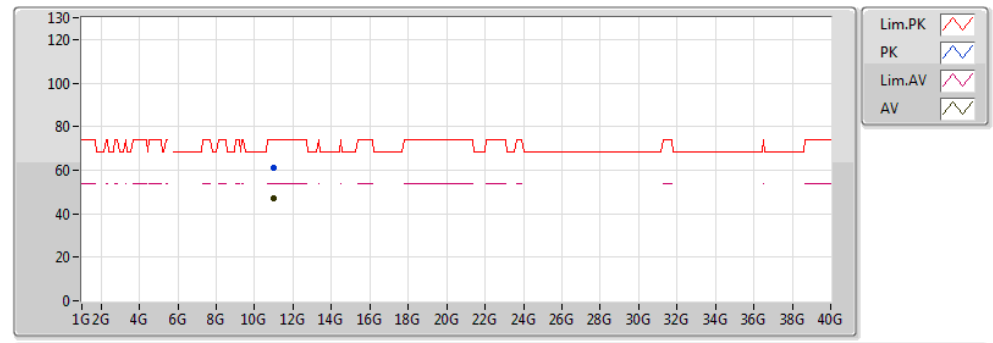
RE TX above 1GHz;Band:5.6G;11a;BWch:20MHz;Nss:1;Nant:1;Ch:5500MHz;TX




20161112
EUT X_1TX_ANT1_PIFA
Setting_46

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 11.00906G | 46.82 | 54.00 | -7.18 | 18.20 | 3 | V | 224 | 1.58 | - |
| PK | 11.0114G | 61.28 | 74.00 | -12.72 | 18.20 | 3 | V | 224 | 1.58 | - |

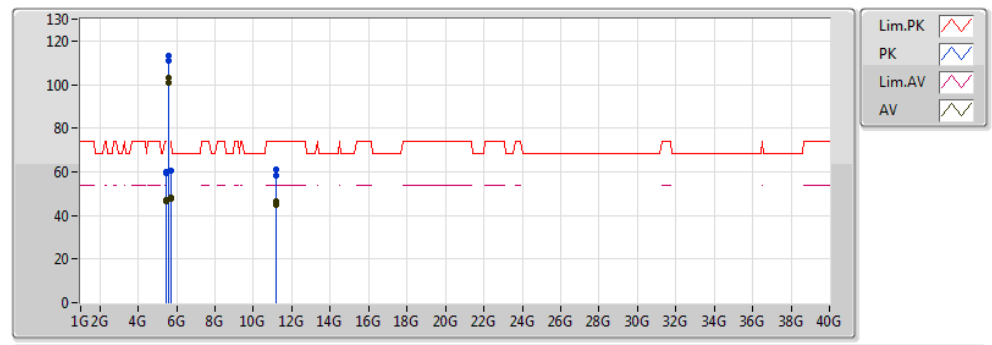
RE TX above 1GHz;Band:5.6G;11a;BWch:20MHz;Nss:1;Nant:1;Ch:5500MHz;TX




20161112
EUT X_1TX_ANT1_PIFA
Setting_46

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 11.0147G | 46.84 | 54.00 | -7.16 | 18.20 | 3 | H | 150 | 1.74 | - |
| PK | 10.99658G | 60.84 | 74.00 | -13.16 | 18.21 | 3 | H | 150 | 1.74 | - |

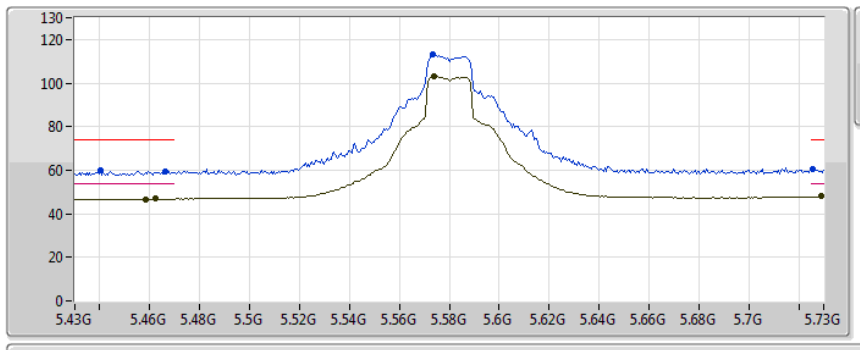
RE TX above 1GHz;Band:5.6G;11a;BWch:20MHz;Nss:1;Nant:1;Ch:5580MHz;TX




20161104
EUT X_1TX_ANT1_PIFA
Setting_57
04-K-1

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 5.4594G | 46.59 | 54.00 | -7.41 | 5.51 | 3 | H | 60 | 1.50 | - |
| AV | 5.469G | 46.69 | 54.00 | -7.31 | 5.55 | 3 | H | 60 | 1.50 | - |
| AV | 5.5746G | 100.79 | Inf | -Inf | 6.17 | 3 | H | 60 | 1.50 | - |
| AV | 5.7264G | 47.65 | 54.00 | -6.35 | 6.53 | 3 | H | 60 | 1.50 | - |
| PK | 5.4378G | 59.27 | 74.00 | -14.73 | 5.40 | 3 | H | 60 | 1.50 | - |
| PK | 5.4648G | 59.30 | 74.00 | -14.70 | 5.53 | 3 | H | 60 | 1.50 | - |
| PK | 5.5734G | 110.88 | Inf | -Inf | 6.17 | 3 | H | 60 | 1.50 | - |
| PK | 5.73G | 60.49 | 74.00 | -13.51 | 6.54 | 3 | H | 60 | 1.50 | - |
| AV | 5.4582G | 46.74 | 54.00 | -7.26 | 5.50 | 3 | V | 59 | 1.50 | - |
| AV | 5.4624G | 46.80 | 54.00 | -7.20 | 5.52 | 3 | V | 59 | 1.50 | - |
| AV | 5.574G | 102.94 | Inf | -Inf | 6.17 | 3 | V | 59 | 1.50 | - |
| AV | 5.7288G | 47.96 | 54.00 | -6.04 | 6.54 | 3 | V | 59 | 1.50 | - |
| PK | 5.4402G | 60.04 | 74.00 | -13.96 | 5.41 | 3 | V | 59 | 1.50 | - |
| PK | 5.466G | 59.57 | 74.00 | -14.43 | 5.54 | 3 | V | 59 | 1.50 | - |
| PK | 5.5734G | 113.12 | Inf | -Inf | 6.17 | 3 | V | 59 | 1.50 | - |
| PK | 5.7258G | 60.24 | 74.00 | -13.76 | 6.53 | 3 | V | 59 | 1.50 | - |
| AV | 11.16G | 44.81 | 54.00 | -9.19 | 14.81 | 3 | H | 329 | 1.57 | - |
| PK | 11.16176G | 58.21 | 74.00 | -15.79 | 14.81 | 3 | H | 329 | 1.57 | - |
| AV | 11.15984G | 46.71 | 54.00 | -7.29 | 14.81 | 3 | V | 65 | 1.72 | - |
| PK | 11.15616G | 60.92 | 74.00 | -13.08 | 14.81 | 3 | V | 65 | 1.72 | - |

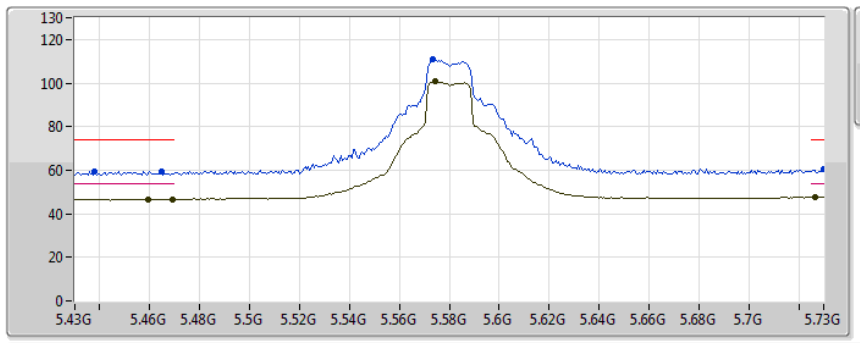
RE TX above 1GHz;Band:5.6G;11a;BWch:20MHz;Nss:1;Nant:1;Ch:5580MHz;TX




20161104
EUT X_1TX_ANT1_PIFA
Setting_57
04-K-1-10
Max setting

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 5.4582G | 46.74 | 54.00 | -7.26 | 5.50 | 3 | V | 59 | 1.50 | - |
| AV | 5.4624G | 46.80 | 54.00 | -7.20 | 5.52 | 3 | V | 59 | 1.50 | - |
| AV | 5.574G | 102.94 | Inf | -Inf | 6.17 | 3 | V | 59 | 1.50 | - |
| AV | 5.7288G | 47.96 | 54.00 | -6.04 | 6.54 | 3 | V | 59 | 1.50 | - |
| PK | 5.4402G | 60.04 | 74.00 | -13.96 | 5.41 | 3 | V | 59 | 1.50 | - |
| PK | 5.466G | 59.57 | 74.00 | -14.43 | 5.54 | 3 | V | 59 | 1.50 | - |
| PK | 5.5734G | 113.12 | Inf | -Inf | 6.17 | 3 | V | 59 | 1.50 | - |
| PK | 5.7258G | 60.24 | 74.00 | -13.76 | 6.53 | 3 | V | 59 | 1.50 | - |

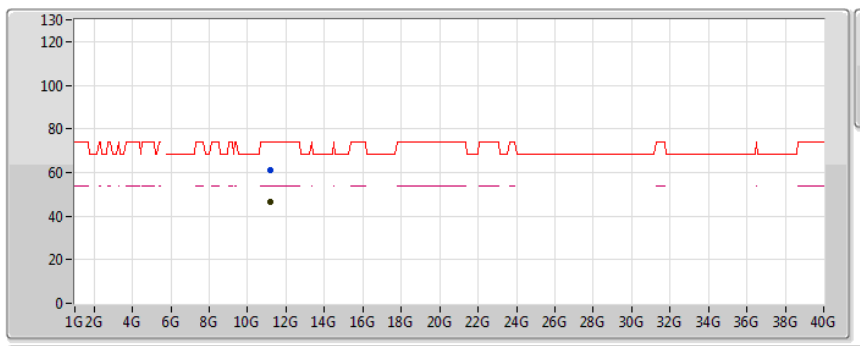
RE TX above 1GHz;Band:5.6G;11a;BWch:20MHz;Nss:1;Nant:1;Ch:5580MHz;TX




20161104
EUT X_1TX_ANT1_PIFA
Setting_57
04-K-1-10

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 5.4594G | 46.59 | 54.00 | -7.41 | 5.51 | 3 | H | 60 | 1.50 | - |
| AV | 5.469G | 46.69 | 54.00 | -7.31 | 5.55 | 3 | H | 60 | 1.50 | - |
| AV | 5.5746G | 100.79 | Inf | -Inf | 6.17 | 3 | H | 60 | 1.50 | - |
| AV | 5.7264G | 47.65 | 54.00 | -6.35 | 6.53 | 3 | H | 60 | 1.50 | - |
| PK | 5.4378G | 59.27 | 74.00 | -14.73 | 5.40 | 3 | H | 60 | 1.50 | - |
| PK | 5.4648G | 59.30 | 74.00 | -14.70 | 5.53 | 3 | H | 60 | 1.50 | - |
| PK | 5.5734G | 110.88 | Inf | -Inf | 6.17 | 3 | H | 60 | 1.50 | - |
| PK | 5.73G | 60.49 | 74.00 | -13.51 | 6.54 | 3 | H | 60 | 1.50 | - |

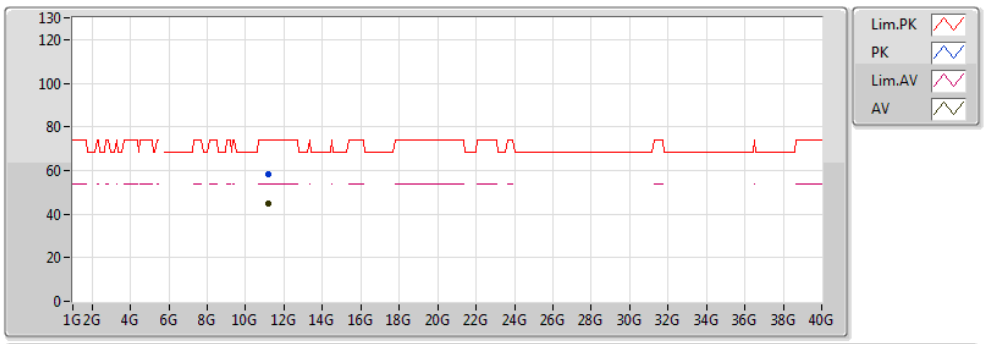
RE TX above 1GHz;Band:5.6G;11a;BWch:20MHz;Nss:1;Nant:1;Ch:5580MHz;TX




20161104
EUT X_1TX_ANT1_PIFA
Setting_57
04-K-1

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 11.15984G | 46.71 | 54.00 | -7.29 | 14.81 | 3 | V | 65 | 1.72 | - |
| PK | 11.15616G | 60.92 | 74.00 | -13.08 | 14.81 | 3 | V | 65 | 1.72 | - |

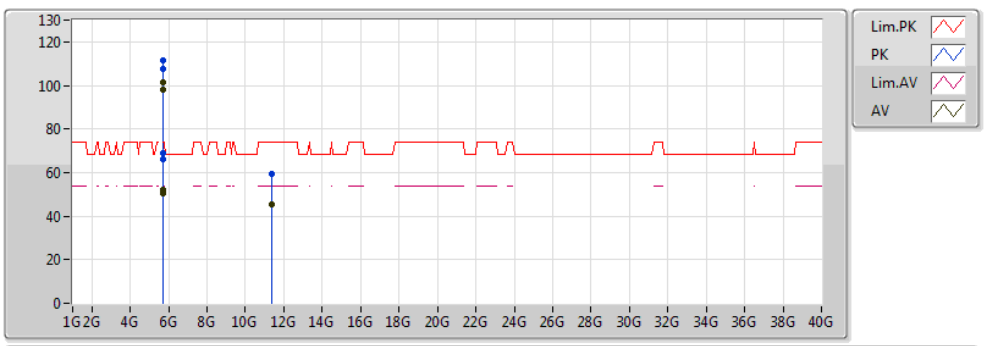
RE TX above 1GHz;Band:5.6G;11a;BWch:20MHz;Nss:1;Nant:1;Ch:5580MHz;TX




20161104
EUT X_1TX_ANT1_PIFA
Setting_57
04-K-1

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 11.16G | 44.81 | 54.00 | -9.19 | 14.81 | 3 | H | 329 | 1.57 | - |
| PK | 11.16176G | 58.21 | 74.00 | -15.79 | 14.81 | 3 | H | 329 | 1.57 | - |

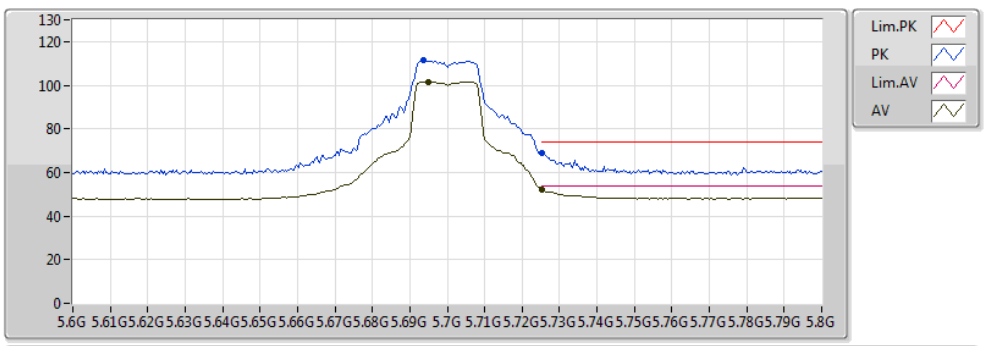
RE TX above 1GHz;Band:5.6G;11a;BWch:20MHz;Nss:1;Nant:1;Ch:5700MHz;TX




20161112
EUT X_1TX_ANT1_PIFA
Setting_48
02-S-5-10

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 5.6948G | 97.81 | Inf | -Inf | 10.68 | 3 | H | 55 | 2.11 | - |
| AV | 5.7252G | 50.19 | 54.00 | -3.81 | 10.74 | 3 | H | 55 | 2.11 | - |
| PK | 5.6936G | 107.32 | Inf | -Inf | 10.68 | 3 | H | 55 | 2.11 | - |
| PK | 5.7256G | 65.97 | 74.00 | -8.03 | 10.74 | 3 | H | 55 | 2.11 | - |
| AV | 5.6948G | 101.67 | Inf | -Inf | 10.68 | 3 | V | 16 | 1.58 | - |
| AV | 5.7252G | 52.23 | 54.00 | -1.77 | 10.74 | 3 | V | 16 | 1.58 | - |
| PK | 5.6936G | 111.60 | Inf | -Inf | 10.68 | 3 | V | 16 | 1.58 | - |
| PK | 5.7252G | 69.10 | 74.00 | -4.90 | 10.74 | 3 | V | 16 | 1.58 | - |
| AV | 11.38656G | 45.52 | 54.00 | -8.48 | 17.87 | 3 | H | 171 | 1.40 | - |
| PK | 11.3856G | 59.60 | 74.00 | -14.40 | 17.87 | 3 | H | 171 | 1.40 | - |
| AV | 11.39748G | 45.48 | 54.00 | -8.52 | 17.86 | 3 | V | 226 | 1.88 | - |
| PK | 11.3955G | 59.54 | 74.00 | -14.46 | 17.87 | 3 | V | 226 | 1.88 | - |

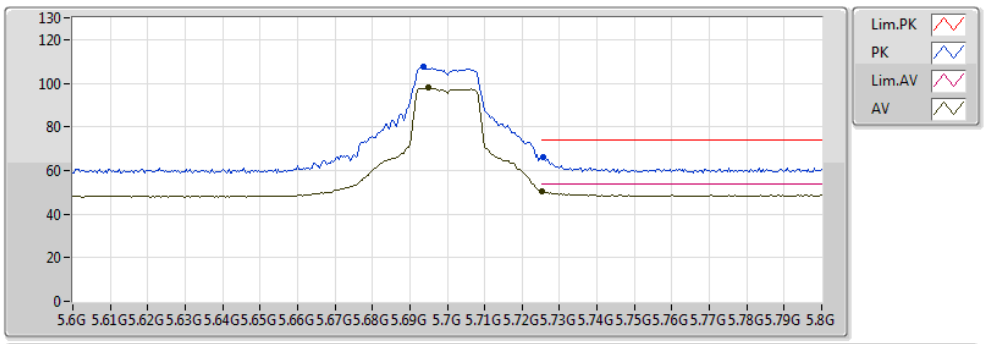
RE TX above 1GHz;Band:5.6G;11a;BWch:20MHz;Nss:1;Nant:1;Ch:5700MHz;TX




20161112
EUT X_1TX_ANT1_PIFA
Setting_48
02-S-5-10

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 5.6948G | 101.67 | Inf | -Inf | 10.68 | 3 | V | 16 | 1.58 | - |
| AV | 5.7252G | 52.23 | 54.00 | -1.77 | 10.74 | 3 | V | 16 | 1.58 | - |
| PK | 5.6936G | 111.60 | Inf | -Inf | 10.68 | 3 | V | 16 | 1.58 | - |
| PK | 5.7252G | 69.10 | 74.00 | -4.90 | 10.74 | 3 | V | 16 | 1.58 | - |

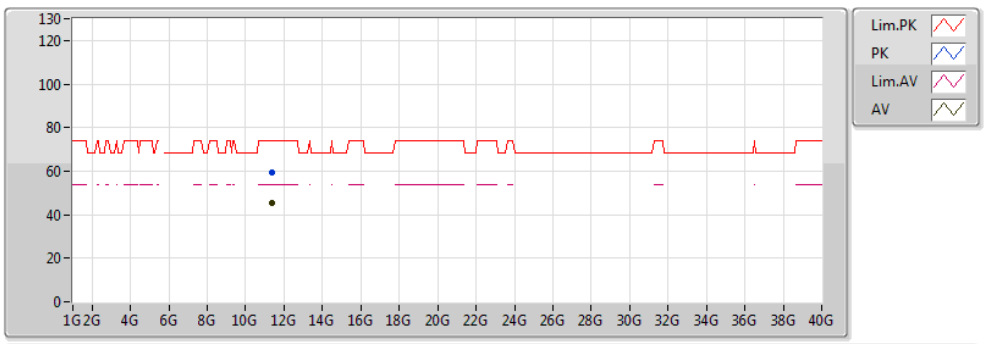
RE TX above 1GHz;Band:5.6G;11a;BWch:20MHz;Nss:1;Nant:1;Ch:5700MHz;TX




20161112
EUT X_1TX_ANT1_PIFA
Setting_48
02-S-5-10

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 5.6948G | 97.81 | Inf | -Inf | 10.68 | 3 | H | 55 | 2.11 | - |
| AV | 5.7252G | 50.19 | 54.00 | -3.81 | 10.74 | 3 | H | 55 | 2.11 | - |
| PK | 5.6936G | 107.32 | Inf | -Inf | 10.68 | 3 | H | 55 | 2.11 | - |
| PK | 5.7256G | 65.97 | 74.00 | -8.03 | 10.74 | 3 | H | 55 | 2.11 | - |

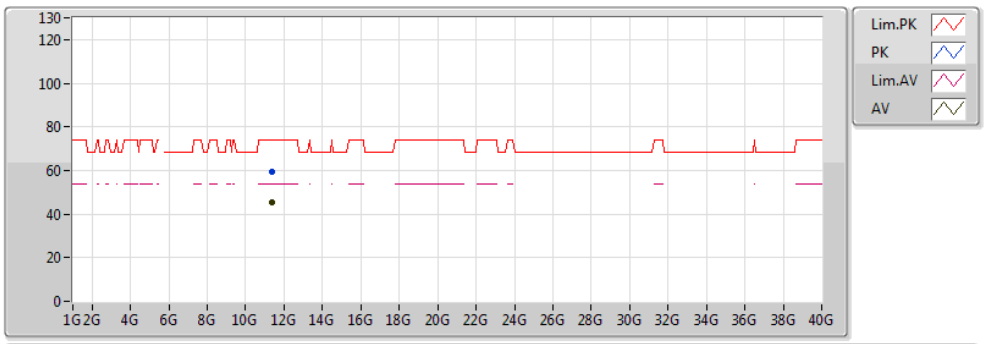
RE TX above 1GHz;Band:5.6G;11a;BWch:20MHz;Nss:1;Nant:1;Ch:5700MHz;TX




20161112
EUT X_1TX_ANT1_PIFA
Setting_48

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 11.39748G | 45.48 | 54.00 | -8.52 | 17.86 | 3 | V | 226 | 1.88 | - |
| PK | 11.3955G | 59.54 | 74.00 | -14.46 | 17.87 | 3 | V | 226 | 1.88 | - |

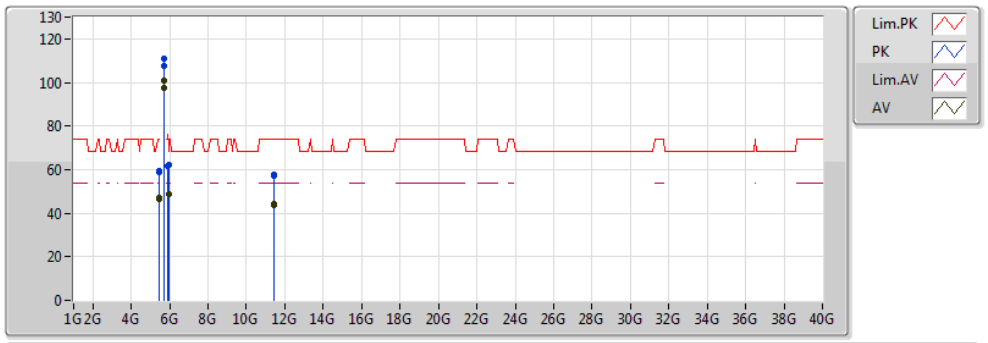
RE TX above 1GHz;Band:5.6G;11a;BWch:20MHz;Nss:1;Nant:1;Ch:5700MHz;TX




20161112
EUT X_1TX_ANT1_PIFA
Setting_48

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 11.38656G | 45.52 | 54.00 | -8.48 | 17.87 | 3 | H | 171 | 1.40 | - |
| PK | 11.3856G | 59.60 | 74.00 | -14.40 | 17.87 | 3 | H | 171 | 1.40 | - |

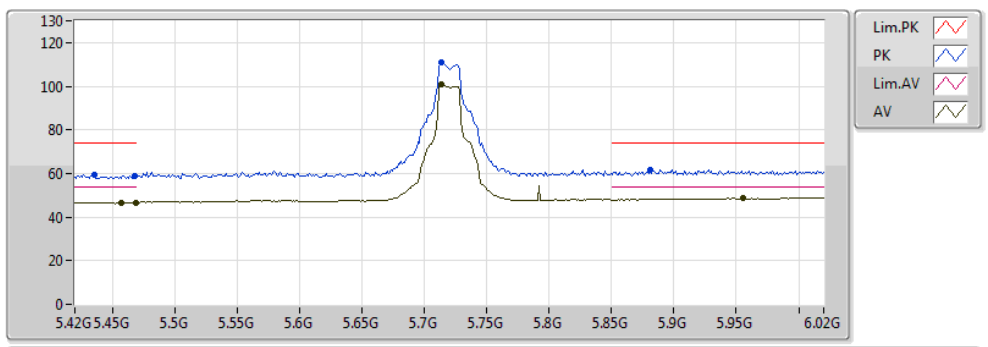
RE TX above 1GHz;Band:5.6G;11a;BWch:20MHz;Nss:1;Nant:1;Ch:5720MHz;TX




20161104
EUT X_1TX_ANT1_PIFA
Setting_57
04-K-1

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 5.4596G | 46.74 | 54.00 | -7.26 | 5.51 | 3 | H | 61 | 1.50 | - |
| AV | 5.4668G | 46.83 | 54.00 | -7.17 | 5.54 | 3 | H | 61 | 1.50 | - |
| AV | 5.714G | 97.65 | Inf | -Inf | 6.51 | 3 | H | 61 | 1.50 | - |
| AV | 5.9444G | 48.50 | 54.00 | -5.50 | 7.38 | 3 | H | 61 | 1.50 | - |
| PK | 5.438G | 59.25 | 74.00 | -14.75 | 5.40 | 3 | H | 61 | 1.50 | - |
| PK | 5.4692G | 59.14 | 74.00 | -14.86 | 5.56 | 3 | H | 61 | 1.50 | - |
| PK | 5.714G | 107.80 | Inf | -Inf | 6.51 | 3 | H | 61 | 1.50 | - |
| PK | 5.9456G | 61.94 | 74.00 | -12.06 | 7.38 | 3 | H | 61 | 1.50 | - |
| AV | 5.4572G | 46.70 | 54.00 | -7.30 | 5.50 | 3 | V | 60 | 1.50 | - |
| AV | 5.4692G | 46.71 | 54.00 | -7.29 | 5.56 | 3 | V | 60 | 1.50 | - |
| AV | 5.714G | 100.89 | Inf | -Inf | 6.51 | 3 | V | 60 | 1.50 | - |
| AV | 5.9552G | 48.62 | 54.00 | -5.38 | 7.43 | 3 | V | 60 | 1.50 | - |
| PK | 5.4356G | 59.60 | 74.00 | -14.40 | 5.39 | 3 | V | 60 | 1.50 | - |
| PK | 5.468G | 58.93 | 74.00 | -15.07 | 5.55 | 3 | V | 60 | 1.50 | - |
| PK | 5.714G | 111.01 | Inf | -Inf | 6.51 | 3 | V | 60 | 1.50 | - |
| PK | 5.8808G | 61.52 | 74.00 | -12.48 | 7.06 | 3 | V | 60 | 1.50 | - |
| AV | 11.43704G | 43.85 | 54.00 | -10.15 | 14.82 | 3 | H | 135 | 1.50 | - |
| PK | 11.42176G | 57.34 | 74.00 | -16.66 | 14.82 | 3 | H | 135 | 1.50 | - |
| AV | 11.43184G | 44.03 | 54.00 | -9.97 | 14.82 | 3 | V | 296 | 1.11 | - |
| PK | 11.4432G | 57.50 | 74.00 | -16.50 | 14.82 | 3 | V | 296 | 1.11 | - |

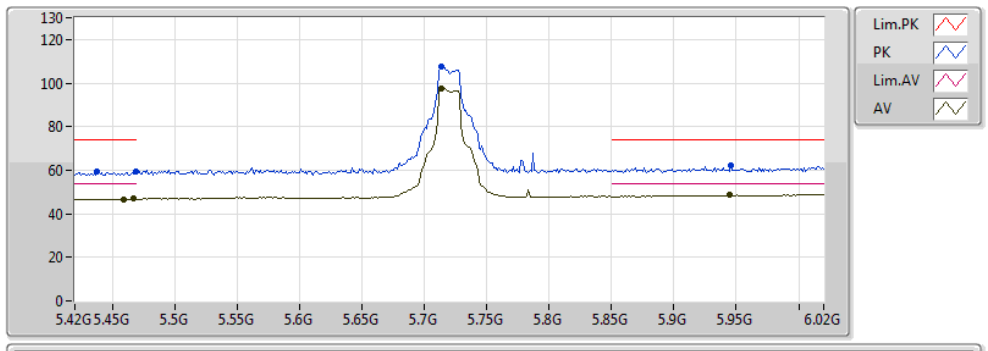
RE TX above 1GHz;Band:5.6G;11a;BWch:20MHz;Nss:1;Nant:1;Ch:5720MHz;TX




20161104
EUT X_1TX_ANT1_PIFA
Setting_57
04-K-1-10
Max setting

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 5.4572G | 46.70 | 54.00 | -7.30 | 5.50 | 3 | V | 60 | 1.50 | - |
| AV | 5.4692G | 46.71 | 54.00 | -7.29 | 5.56 | 3 | V | 60 | 1.50 | - |
| AV | 5.714G | 100.89 | Inf | -Inf | 6.51 | 3 | V | 60 | 1.50 | - |
| AV | 5.9552G | 48.62 | 54.00 | -5.38 | 7.43 | 3 | V | 60 | 1.50 | - |
| PK | 5.4356G | 59.60 | 74.00 | -14.40 | 5.39 | 3 | V | 60 | 1.50 | - |
| PK | 5.468G | 58.93 | 74.00 | -15.07 | 5.55 | 3 | V | 60 | 1.50 | - |
| PK | 5.714G | 111.01 | Inf | -Inf | 6.51 | 3 | V | 60 | 1.50 | - |
| PK | 5.8808G | 61.52 | 74.00 | -12.48 | 7.06 | 3 | V | 60 | 1.50 | - |

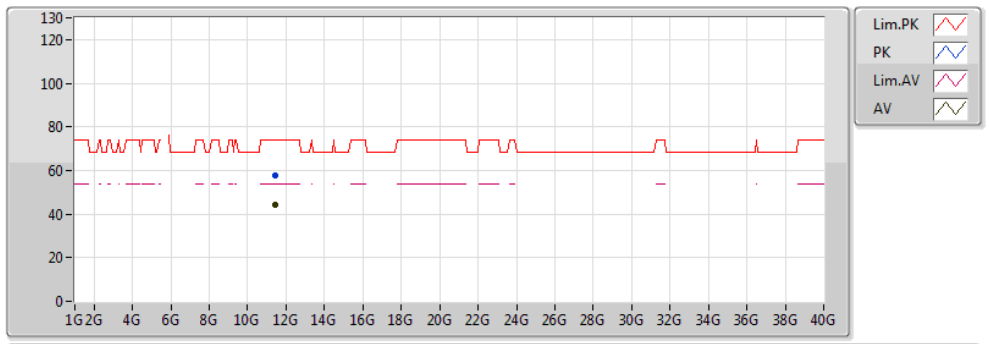
RE TX above 1GHz;Band:5.6G;11a;BWch:20MHz;Nss:1;Nant:1;Ch:5720MHz;TX




20161104
EUT X_1TX_ANT1_PIFA
Setting_57
04-K-1-10

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 5.4596G | 46.74 | 54.00 | -7.26 | 5.51 | 3 | H | 61 | 1.50 | - |
| AV | 5.4668G | 46.83 | 54.00 | -7.17 | 5.54 | 3 | H | 61 | 1.50 | - |
| AV | 5.714G | 97.65 | Inf | -Inf | 6.51 | 3 | H | 61 | 1.50 | - |
| AV | 5.9444G | 48.50 | 54.00 | -5.50 | 7.38 | 3 | H | 61 | 1.50 | - |
| PK | 5.438G | 59.25 | 74.00 | -14.75 | 5.40 | 3 | H | 61 | 1.50 | - |
| PK | 5.4692G | 59.14 | 74.00 | -14.86 | 5.56 | 3 | H | 61 | 1.50 | - |
| PK | 5.714G | 107.80 | Inf | -Inf | 6.51 | 3 | H | 61 | 1.50 | - |
| PK | 5.9456G | 61.94 | 74.00 | -12.06 | 7.38 | 3 | H | 61 | 1.50 | - |

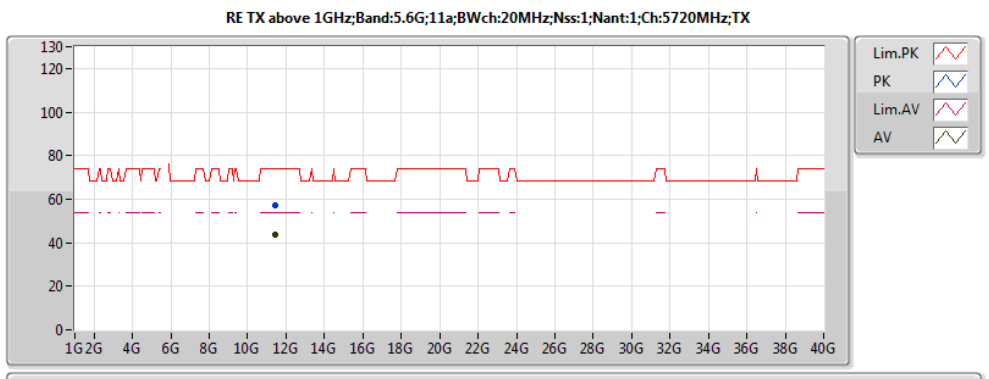
RE TX above 1GHz;Band:5.6G;11a;BWch:20MHz;Nss:1;Nant:1;Ch:5720MHz;TX




20161104
EUT X_1TX_ANT1_PIFA
Setting_57
04-K-1

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 11.43184G | 44.03 | 54.00 | -9.97 | 14.82 | 3 | V | 296 | 1.11 | - |
| PK | 11.4432G | 57.50 | 74.00 | -16.50 | 14.82 | 3 | V | 296 | 1.11 | - |

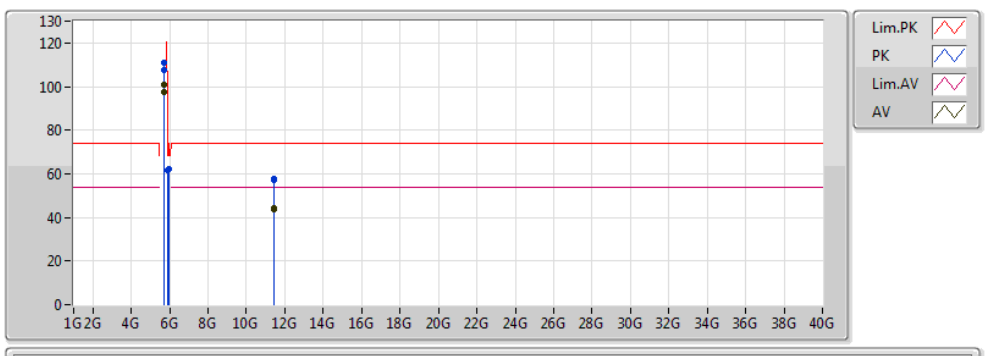
RE TX above 1GHz;Band:5.6G;11a;BWch:20MHz;Nss:1;Nant:1;Ch:5720MHz;TX




20161104
EUT X_1TX_ANT1_PIFA
Setting_57
04-K-1

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 11.43704G | 43.85 | 54.00 | -10.15 | 14.82 | 3 | H | 135 | 1.50 | - |
| PK | 11.42176G | 57.34 | 74.00 | -16.66 | 14.82 | 3 | H | 135 | 1.50 | - |

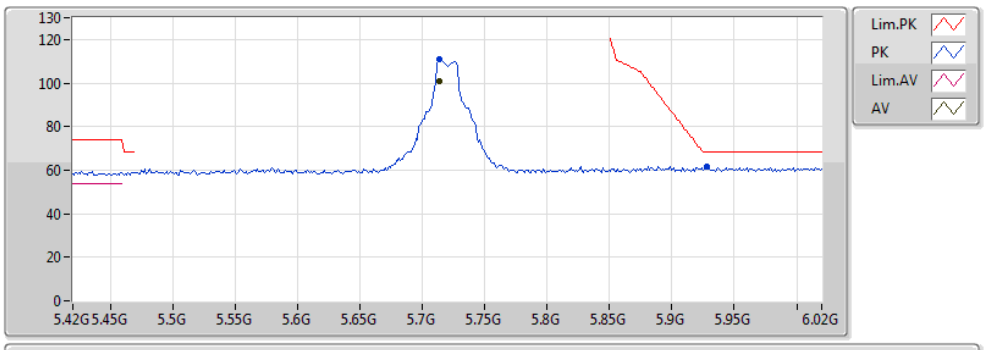
RE TX above 1GHz;Band:5.8G;11a;BWch:20MHz;Nss:1;Nant:1;Ch:5720MHz;TX




20161104
EUT X_1TX_ANT1_PIFA
Setting_57
04-K-1

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 5.714G | 97.65 | Inf | -Inf | 6.51 | 3 | H | 61 | 1.50 | - |
| PK | 5.714G | 107.80 | Inf | -Inf | 6.51 | 3 | H | 61 | 1.50 | - |
| PK | 5.9456G | 61.94 | 68.20 | -6.26 | 7.38 | 3 | H | 61 | 1.50 | - |
| AV | 5.714G | 100.89 | Inf | -Inf | 6.51 | 3 | V | 60 | 1.50 | - |
| PK | 5.714G | 111.01 | Inf | -Inf | 6.51 | 3 | V | 60 | 1.50 | - |
| PK | 5.9276G | 61.37 | 68.20 | -6.83 | 7.30 | 3 | V | 60 | 1.50 | - |
| AV | 11.43704G | 43.85 | 54.00 | -10.15 | 14.82 | 3 | H | 135 | 1.50 | - |
| PK | 11.42176G | 57.34 | 74.00 | -16.66 | 14.82 | 3 | H | 135 | 1.50 | - |
| AV | 11.43184G | 44.03 | 54.00 | -9.97 | 14.82 | 3 | V | 296 | 1.11 | - |
| PK | 11.4432G | 57.50 | 74.00 | -16.50 | 14.82 | 3 | V | 296 | 1.11 | - |

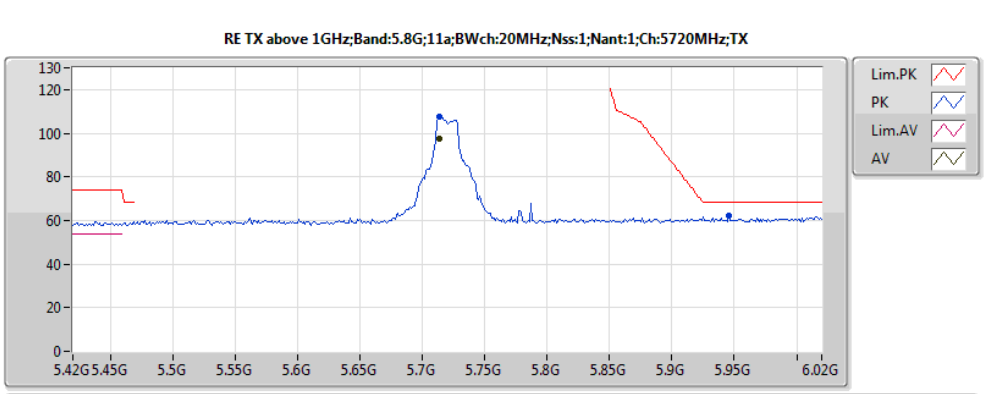
RE TX above 1GHz;Band:5.8G;11a;BWch:20MHz;Nss:1;Nant:1;Ch:5720MHz;TX




20161104
EUT X_1TX_ANT1_PIFA
Setting_57
04-K-1-10
Max setting

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 5.714G | 100.89 | Inf | -Inf | 6.51 | 3 | V | 60 | 1.50 | - |
| PK | 5.714G | 111.01 | Inf | -Inf | 6.51 | 3 | V | 60 | 1.50 | - |
| PK | 5.9276G | 61.37 | 68.20 | -6.83 | 7.30 | 3 | V | 60 | 1.50 | - |

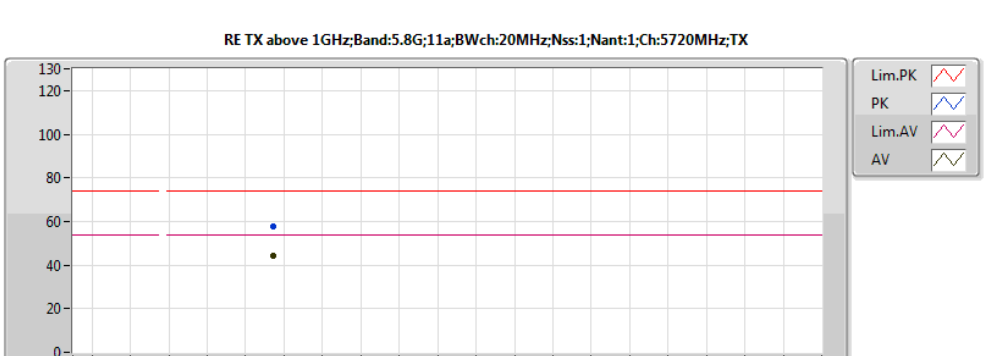
RE TX above 1GHz;Band:5.8G;11a;BWch:20MHz;Nss:1;Nant:1;Ch:5720MHz;TX




20161104
EUT X_1TX_ANT1_PIFA
Setting_57
04-K-1-10

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 5.714G | 97.65 | Inf | -Inf | 6.51 | 3 | H | 61 | 1.50 | - |
| PK | 5.714G | 107.80 | Inf | -Inf | 6.51 | 3 | H | 61 | 1.50 | - |
| PK | 5.9456G | 61.94 | 68.20 | -6.26 | 7.38 | 3 | H | 61 | 1.50 | - |

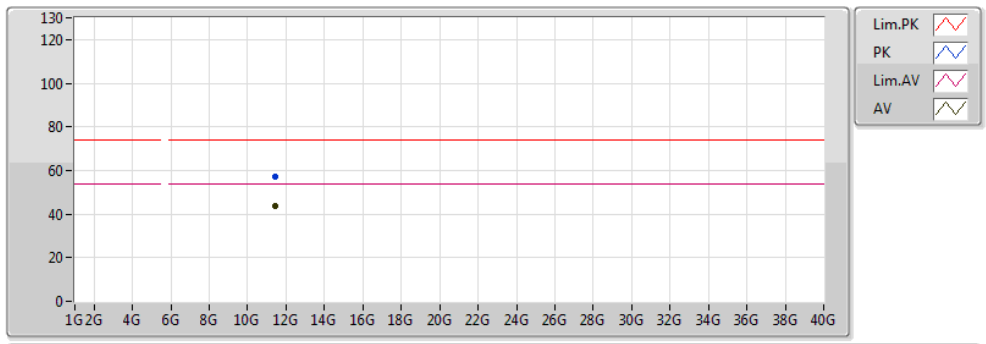
RE TX above 1GHz;Band:5.8G;11a;BWch:20MHz;Nss:1;Nant:1;Ch:5720MHz;TX




20161104
EUT X_1TX_ANT1_PIFA
Setting_57
04-K-1

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 11.43184G | 44.03 | 54.00 | -9.97 | 14.82 | 3 | V | 296 | 1.11 | - |
| PK | 11.4432G | 57.50 | 74.00 | -16.50 | 14.82 | 3 | V | 296 | 1.11 | - |

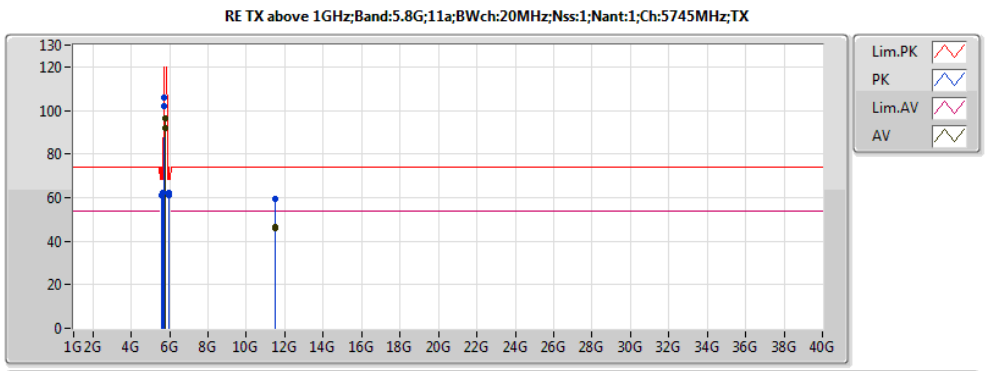
RE TX above 1GHz;Band:5.8G;11a;BWch:20MHz;Nss:1;Nant:1;Ch:5720MHz;TX




20161104
EUT X_1TX_ANT1_PIFA
Setting_57
04-K-1

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 11.43704G | 43.85 | 54.00 | -10.15 | 14.82 | 3 | H | 135 | 1.50 | - |
| PK | 11.42176G | 57.34 | 74.00 | -16.66 | 14.82 | 3 | H | 135 | 1.50 | - |

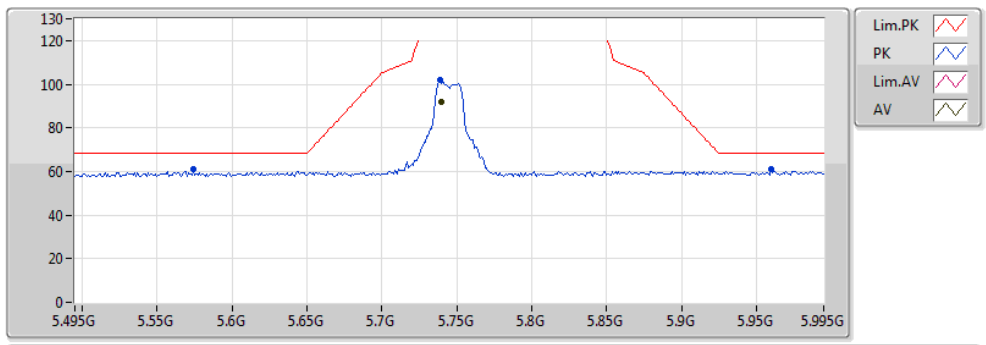
RE TX above 1GHz;Band:5.8G;11a;BWch:20MHz;Nss:1;Nant:1;Ch:5745MHz;TX




20161029
EUT X_1TX_ANT1_PIFA
Setting_53
06-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 | 5.74G | 92.17 | Inf | -Inf | 8.91 | 3 | H | 225 | 1.65 | - |
| PK | 5.574G | 61.03 | 68.20 | -7.17 | 7.91 | 3 | H | 225 | 1.65 | - |
| PK | 5.739G | 101.92 | Inf | -Inf | 8.91 | 3 | H | 225 | 1.65 | - |
| PK | 5.96G | 61.35 | 74.00 | -12.65 | 9.41 | 3 | H | 225 | 1.65 | - |
| AV | 5.74G | 96.64 | Inf | -Inf | 8.91 | 3 | V | 108 | 1.96 | - |
| PK | 5.644G | 61.94 | 68.20 | -6.26 | 8.88 | 3 | V | 108 | 1.96 | - |
| PK | 5.739G | 106.14 | Inf | -Inf | 8.91 | 3 | V | 108 | 1.96 | - |
| PK | 5.972G | 61.92 | 68.20 | -6.28 | 9.45 | 3 | V | 108 | 1.96 | - |
| AV | 11.50242G | 45.80 | 54.00 | -8.20 | 17.77 | 3 | H | 177 | 1.44 | - |
| PK | 11.47884G | 59.33 | 74.00 | -14.67 | 17.79 | 3 | H | 177 | 1.44 | - |
| AV | 11.49858G | 46.28 | 54.00 | -7.72 | 17.78 | 3 | V | 321 | 2.26 | - |
| PK | 11.50494G | 59.13 | 74.00 | -14.87 | 17.77 | 3 | V | 321 | 2.26 | - |

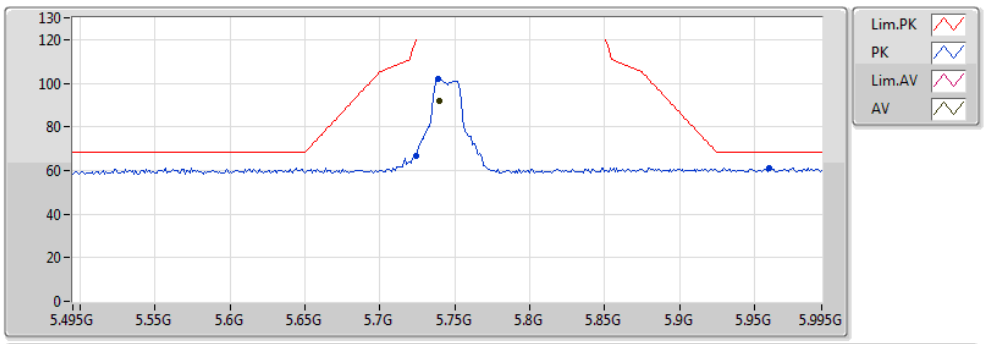
RE TX above 1GHz;Band:5.8G;11a;BWch:20MHz;Nss:1;Nant:1;Ch:5745MHz;TX




20161029
EUT X_1TX_ANT1_PIFA
Setting_53
06-J-4-10

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 5.74G | 92.17 | Inf | -Inf | 8.91 | 3 | H | 225 | 1.65 | - |
| PK | 5.739G | 101.92 | Inf | -Inf | 8.91 | 3 | H | 225 | 1.65 | - |
| PK | 5.96G | 61.35 | 74.00 | -12.65 | 9.41 | 3 | H | 225 | 1.65 | - |
| PK | 5.574G | 61.03 | 68.20 | -7.17 | 7.91 | 3 | H | 225 | 1.65 | - |

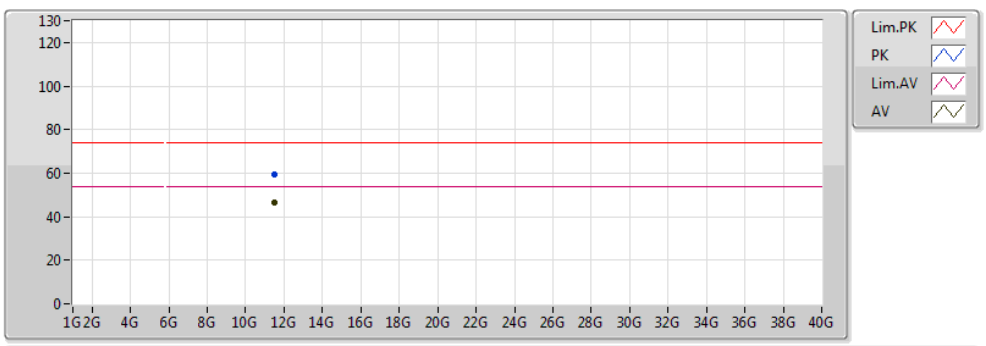
RE TX above 1GHz;Band:5.8G;11a;BWch:20MHz;Nss:1;Nant:1;Ch:5745MHz;TX




20161029
EUT X_1TX_ANT1_PIFA
Setting_53
06-J-4-10

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 5.74G | 92.17 | Inf | -Inf | 8.91 | 3 | H | 225 | 1.65 | - |
| PK | 5.724G | 66.87 | 74.00 | -7.13 | 8.91 | 3 | H | 225 | 1.65 | - |
| PK | 5.739G | 101.92 | Inf | -Inf | 8.91 | 3 | H | 225 | 1.65 | - |
| PK | 5.96G | 61.35 | 74.00 | -12.65 | 9.41 | 3 | H | 225 | 1.65 | - |

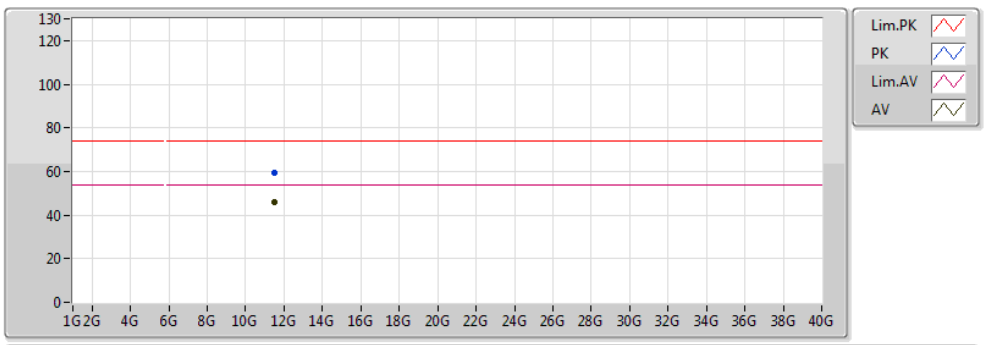
RE TX above 1GHz;Band:5.8G;11a;BWch:20MHz;Nss:1;Nant:1;Ch:5745MHz;TX




20161029
EUT X_1TX_ANT1_PIFA
Setting_53
06-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 | 11.49858G | 46.28 | 54.00 | -7.72 | 17.78 | 3 | V | 321 | 2.26 | - |
| PK | 11.50494G | 59.13 | 74.00 | -14.87 | 17.77 | 3 | V | 321 | 2.26 | - |

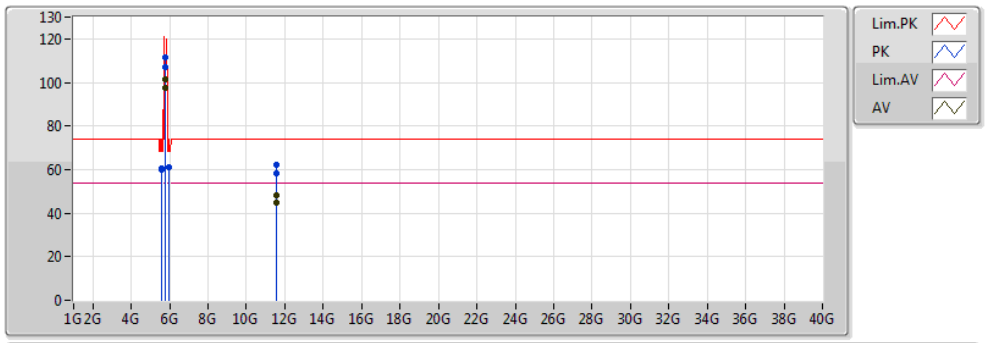
RE TX above 1GHz;Band:5.8G;11a;BWch:20MHz;Nss:1;Nant:1;Ch:5745MHz;TX




20161029
EUT X_1TX_ANT1_PIFA
Setting_53
06-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 | 11.50242G | 45.80 | 54.00 | -8.20 | 17.77 | 3 | H | 177 | 1.44 | - |
| PK | 11.47884G | 59.33 | 74.00 | -14.67 | 17.79 | 3 | H | 177 | 1.44 | - |

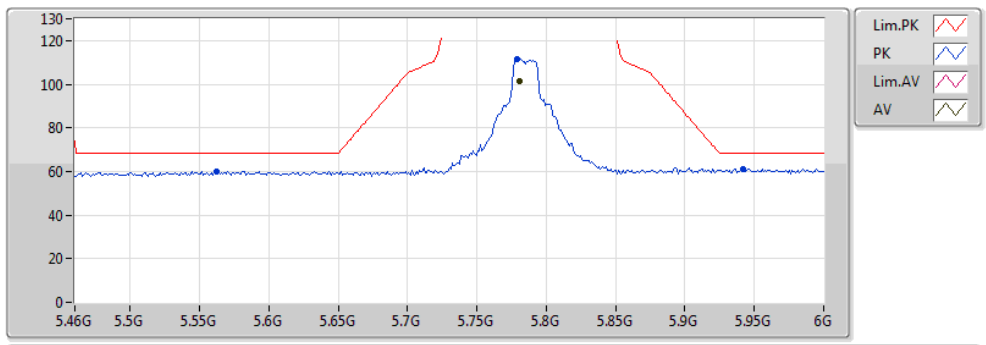
RE TX above 1GHz;Band:5.8G;11a;BWch:20MHz;Nss:1;Nant:1;Ch:5785MHz;TX




20161104
EUT X_1TX_ANT1_PIFA
Setting_57
04-K-1

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 5.78076G | 97.75 | Inf | -Inf | 6.62 | 3 | H | 42 | 1.70 | - |
| PK | 5.5896G | 60.51 | 68.20 | -7.69 | 6.27 | 3 | H | 42 | 1.70 | - |
| PK | 5.78184G | 107.29 | Inf | -Inf | 6.62 | 3 | H | 42 | 1.70 | - |
| PK | 5.97516G | 61.21 | 68.20 | -6.99 | 7.53 | 3 | H | 42 | 1.70 | - |
| AV | 5.78076G | 101.65 | Inf | -Inf | 6.62 | 3 | V | 79 | 1.50 | - |
| PK | 5.5626G | 60.19 | 68.20 | -8.01 | 6.10 | 3 | V | 79 | 1.50 | - |
| PK | 5.7786G | 111.68 | Inf | -Inf | 6.62 | 3 | V | 79 | 1.50 | - |
| PK | 5.94168G | 61.27 | 68.20 | -6.93 | 7.36 | 3 | V | 79 | 1.50 | - |
| AV | 11.56992G | 44.79 | 54.00 | -9.21 | 14.82 | 3 | H | 61 | 1.58 | - |
| PK | 11.56968G | 58.18 | 74.00 | -15.82 | 14.82 | 3 | H | 61 | 1.58 | - |
| AV | 11.57016G | 48.08 | 54.00 | -5.92 | 14.82 | 3 | V | 67 | 1.64 | - |
| PK | 11.57224G | 62.16 | 74.00 | -11.84 | 14.82 | 3 | V | 67 | 1.64 | - |

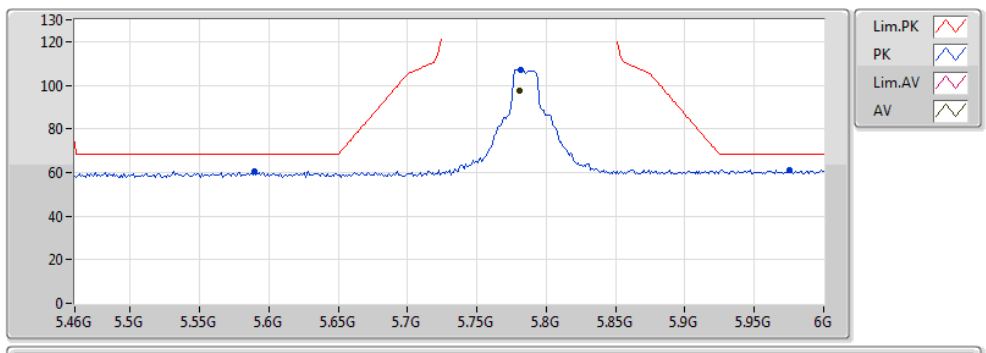
RE TX above 1GHz;Band:5.8G;11a;BWch:20MHz;Nss:1;Nant:1;Ch:5785MHz;TX




20161104
EUT X_1TX_ANT1_PIFA
Setting_57
04-K-1-10
Max setting

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 5.78076G | 101.65 | Inf | -Inf | 6.62 | 3 | V | 79 | 1.50 | - |
| PK | 5.5626G | 60.19 | 68.20 | -8.01 | 6.10 | 3 | V | 79 | 1.50 | - |
| PK | 5.7786G | 111.68 | Inf | -Inf | 6.62 | 3 | V | 79 | 1.50 | - |
| PK | 5.94168G | 61.27 | 68.20 | -6.93 | 7.36 | 3 | V | 79 | 1.50 | - |

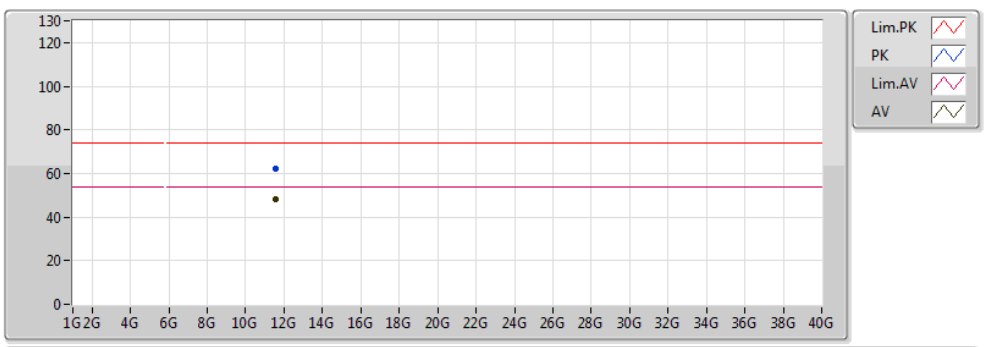
RE TX above 1GHz;Band:5.8G;11a;BWch:20MHz;Nss:1;Nant:1;Ch:5785MHz;TX




20161104
EUT X_1TX_ANT1_PIFA
Setting_57
04-K-1-10

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 5.78076G | 97.75 | Inf | -Inf | 6.62 | 3 | H | 42 | 1.70 | - |
| PK | 5.5896G | 60.51 | 68.20 | -7.69 | 6.27 | 3 | H | 42 | 1.70 | - |
| PK | 5.78184G | 107.29 | Inf | -Inf | 6.62 | 3 | H | 42 | 1.70 | - |
| PK | 5.97516G | 61.21 | 68.20 | -6.99 | 7.53 | 3 | H | 42 | 1.70 | - |

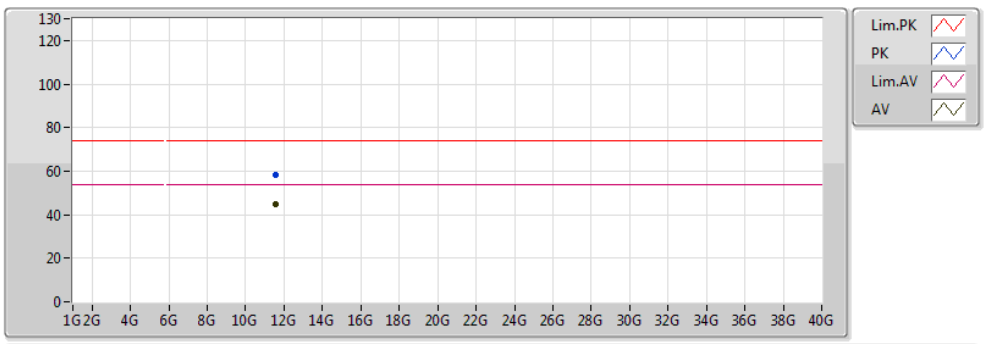
RE TX above 1GHz;Band:5.8G;11a;BWch:20MHz;Nss:1;Nant:1;Ch:5785MHz;TX




20161104
EUT X_1TX_ANT1_PIFA
Setting_57
04-K-1

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 11.57016G | 48.08 | 54.00 | -5.92 | 14.82 | 3 | V | 67 | 1.64 | - |
| PK | 11.57224G | 62.16 | 74.00 | -11.84 | 14.82 | 3 | V | 67 | 1.64 | - |

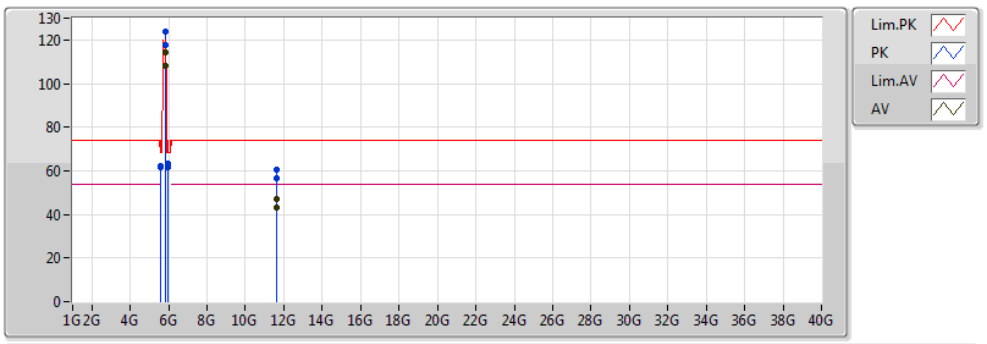
RE TX above 1GHz;Band:5.8G;11a;BWch:20MHz;Nss:1;Nant:1;Ch:5785MHz;TX




20161104
EUT X_1TX_ANT1_PIFA
Setting_57
04-K-1

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 11.56992G | 44.79 | 54.00 | -9.21 | 14.82 | 3 | H | 61 | 1.58 | - |
| PK | 11.56968G | 58.18 | 74.00 | -15.82 | 14.82 | 3 | H | 61 | 1.58 | - |

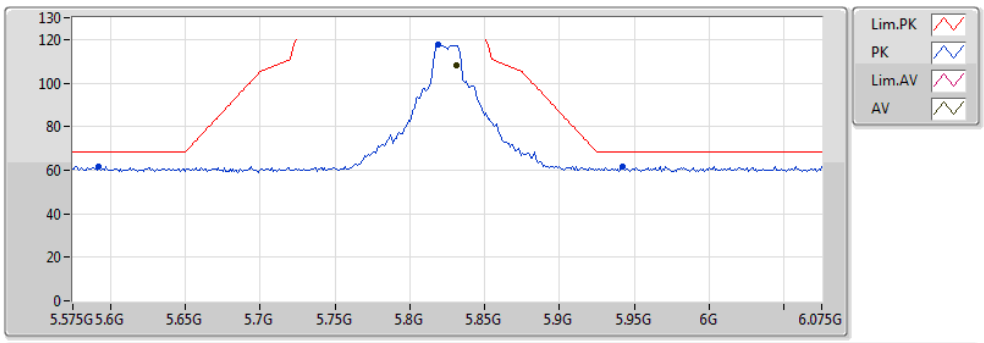
RE TX above 1GHz;Band:5.8G;11a;BWch:20MHz;Nss:1;Nant:1;Ch:5825MHz;TX




20161113
EUT X_1TX_ANT1_PIFA
Setting_54
02-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 | 5.831G | 108.14 | Inf | -Inf | 9.72 | 3 | H | 50 | 1.69 | - |
| PK | 5.592G | 61.84 | 68.20 | -6.36 | 9.45 | 3 | H | 50 | 1.69 | - |
| PK | 5.819G | 117.70 | Inf | -Inf | 9.71 | 3 | H | 50 | 1.69 | - |
| PK | 5.942G | 61.86 | 68.20 | -6.34 | 9.77 | 3 | H | 50 | 1.69 | - |
| AV | 5.831G | 114.32 | Inf | -Inf | 9.72 | 3 | V | 21 | 1.41 | - |
| PK | 5.591G | 62.29 | 68.20 | -5.91 | 9.45 | 3 | V | 21 | 1.41 | - |
| PK | 5.83G | 123.58 | Inf | -Inf | 9.71 | 3 | V | 21 | 1.41 | - |
| PK | 5.939G | 63.33 | 68.20 | -4.87 | 9.77 | 3 | V | 21 | 1.41 | - |
| AV | 11.64728G | 43.22 | 54.00 | -10.78 | 15.26 | 3 | H | 0 | 1.50 | - |
| PK | 11.64724G | 56.59 | 74.00 | -17.41 | 15.26 | 3 | H | 0 | 1.50 | - |
| AV | 11.65036G | 47.26 | 54.00 | -6.74 | 15.26 | 3 | V | 27 | 2.29 | - |
| PK | 11.65224G | 60.46 | 74.00 | -13.54 | 15.26 | 3 | V | 27 | 2.29 | - |

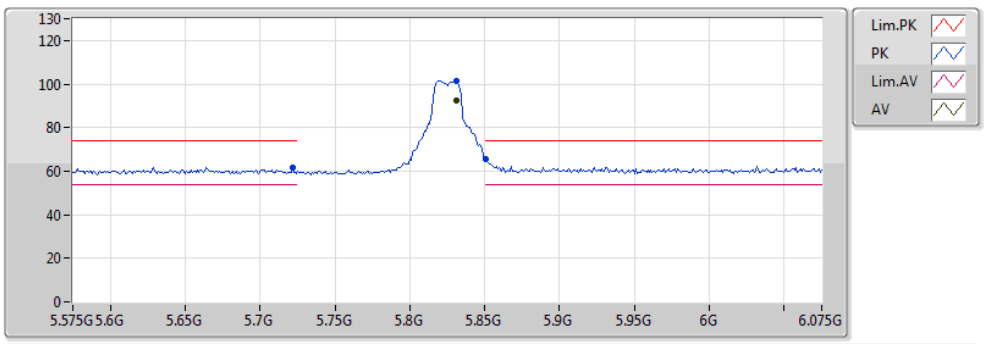
RE TX above 1GHz;Band:5.8G;11a;BWch:20MHz;Nss:1;Nant:1;Ch:5825MHz;TX




20161113
EUT X_1TX_ANT1_PIFA
Setting_54
02-N-2-10

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 5.831G | 108.14 | Inf | -Inf | 9.72 | 3 | H | 50 | 1.69 | - |
| PK | 5.592G | 61.84 | 68.20 | -6.36 | 9.45 | 3 | H | 50 | 1.69 | - |
| PK | 5.819G | 117.70 | Inf | -Inf | 9.71 | 3 | H | 50 | 1.69 | - |
| PK | 5.942G | 61.86 | 68.20 | -6.34 | 9.77 | 3 | H | 50 | 1.69 | - |

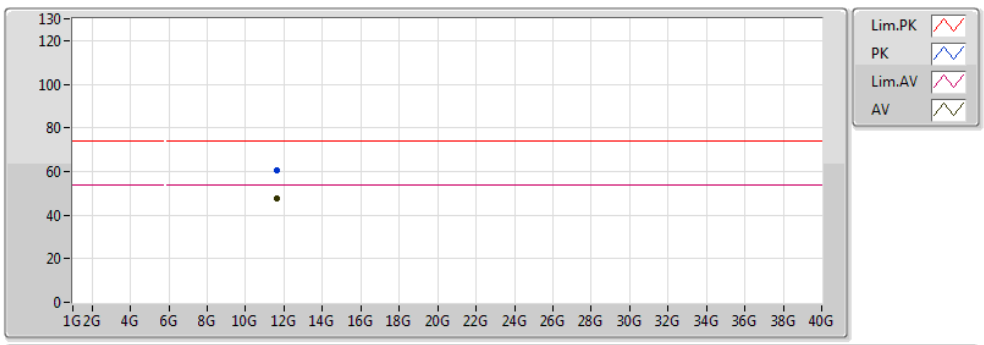
RE TX above 1GHz;Band:5.8G;11a;BWch:20MHz;Nss:1;Nant:1;Ch:5825MHz;TX




20161029
EUT X_1TX_ANT1_PIFA
Setting_54
06-J-4-10

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 5.831G | 92.19 | Inf | -Inf | 9.02 | 3 | H | 233 | 1.50 | - |
| PK | 5.722G | 61.56 | 74.00 | -12.44 | 8.91 | 3 | H | 233 | 1.50 | - |
| PK | 5.831G | 101.56 | Inf | -Inf | 9.02 | 3 | H | 233 | 1.50 | - |
| PK | 5.851G | 65.45 | 74.00 | -8.55 | 9.08 | 3 | H | 233 | 1.50 | - |

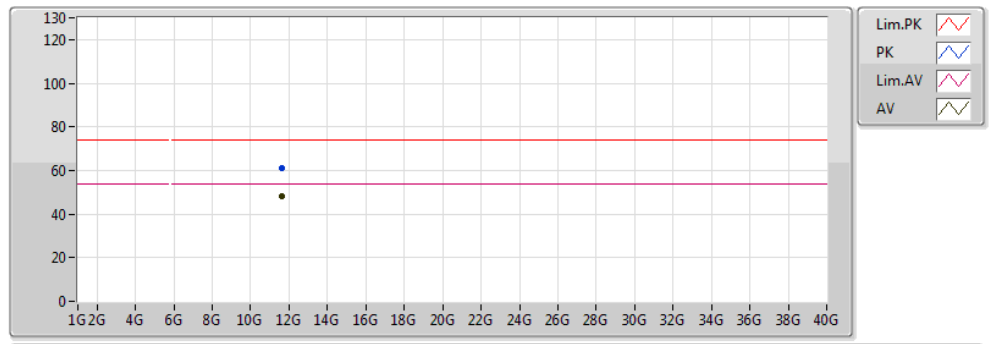
RE TX above 1GHz;Band:5.8G;11a;BWch:20MHz;Nss:1;Nant:1;Ch:5825MHz;TX




20161029
EUT X_1TX_ANT1_PIFA
Setting_54
06-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 | 11.65024G | 47.63 | 54.00 | -6.37 | 17.64 | 3 | V | 226 | 1.32 | - |
| PK | 11.6524G | 60.79 | 74.00 | -13.21 | 17.64 | 3 | V | 226 | 1.32 | - |

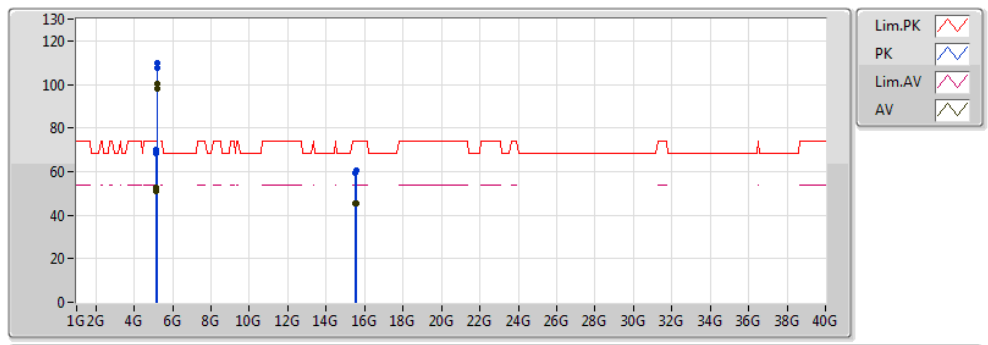
RE TX above 1GHz;Band:5.8G;11a;BWch:20MHz;Nss:1;Nant:1;Ch:5825MHz;TX




20161029
EUT X_1TX_ANT1_PIFA
Setting_54
06-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 | 11.65012G | 48.06 | 54.00 | -5.94 | 17.64 | 3 | H | 296 | 1.50 | - |
| PK | 11.65012G | 60.87 | 74.00 | -13.13 | 17.64 | 3 | H | 296 | 1.50 | - |

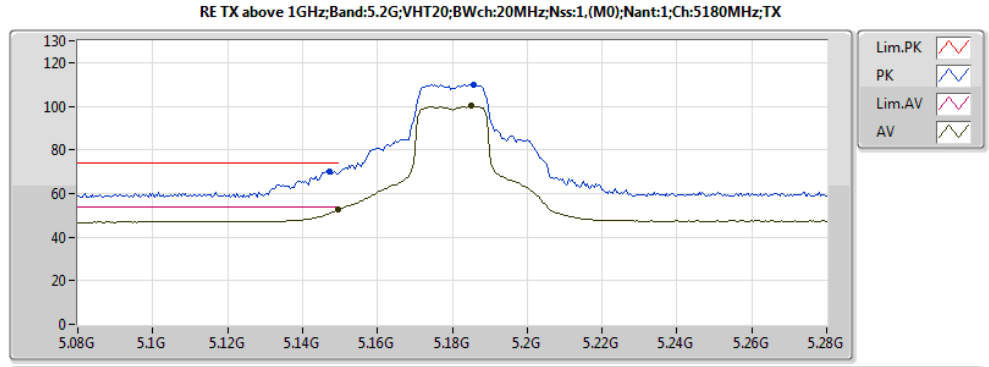
RE TX above 1GHz;Band:5.2G;VHT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:5180MHz;TX




20161028
EUT X_1TX_ANT1_PIFA
Setting_50
02-N-2-10

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 5.1496G | 51.06 | 54.00 | -2.94 | 9.04 | 3 | H | 31 | 1.85 | - |
| AV | 5.1852G | 98.21 | Inf | -Inf | 9.18 | 3 | H | 31 | 1.85 | - |
| PK | 5.146G | 68.24 | 74.00 | -5.76 | 9.02 | 3 | H | 31 | 1.85 | - |
| PK | 5.1856G | 107.75 | Inf | -Inf | 9.18 | 3 | H | 31 | 1.85 | - |
| AV | 5.1496G | 52.48 | 54.00 | -1.52 | 9.04 | 3 | V | 26 | 1.50 | - |
| AV | 5.1852G | 100.26 | Inf | -Inf | 9.18 | 3 | V | 26 | 1.50 | - |
| PK | 5.1472G | 70.15 | 74.00 | -3.85 | 9.03 | 3 | V | 26 | 1.50 | - |
| PK | 5.1856G | 109.85 | Inf | -Inf | 9.18 | 3 | V | 26 | 1.50 | - |
| AV | 15.54948G | 45.30 | 54.00 | -8.70 | 17.11 | 3 | H | 278 | 1.50 | - |
| PK | 15.52764G | 59.45 | 74.00 | -14.55 | 17.18 | 3 | H | 278 | 1.50 | - |
| AV | 15.5352G | 45.34 | 54.00 | -8.66 | 17.15 | 3 | V | 273 | 1.50 | - |
| PK | 15.54354G | 60.34 | 74.00 | -13.66 | 17.13 | 3 | V | 273 | 1.50 | - |

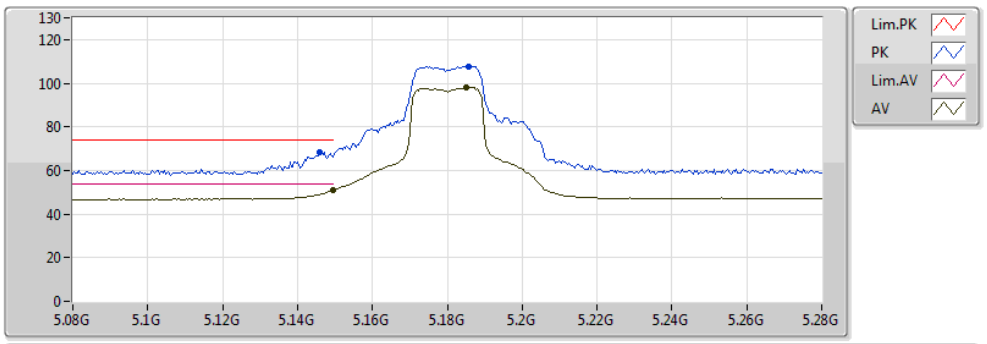
RE TX above 1GHz;Band:5.2G;VHT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:5180MHz;TX




20161028
EUT X_1TX_ANT1_PIFA
Setting_50
02-N-2-10

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 5.1496G | 52.48 | 54.00 | -1.52 | 9.04 | 3 | V | 26 | 1.50 | - |
| AV | 5.1852G | 100.26 | Inf | -Inf | 9.18 | 3 | V | 26 | 1.50 | - |
| PK | 5.1472G | 70.15 | 74.00 | -3.85 | 9.03 | 3 | V | 26 | 1.50 | - |
| PK | 5.1856G | 109.85 | Inf | -Inf | 9.18 | 3 | V | 26 | 1.50 | - |

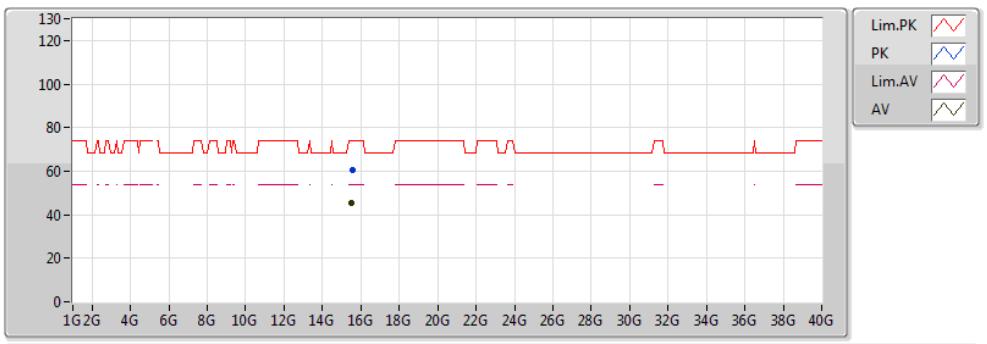
RE TX above 1GHz;Band:5.2G;VHT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:5180MHz;TX




20161028
EUT X_1TX_ANT1_PIFA
Setting_50
02-N-2-10

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 5.1496G | 51.06 | 54.00 | -2.94 | 9.04 | 3 | H | 31 | 1.85 | - |
| AV | 5.1852G | 98.21 | Inf | -Inf | 9.18 | 3 | H | 31 | 1.85 | - |
| PK | 5.146G | 68.24 | 74.00 | -5.76 | 9.02 | 3 | H | 31 | 1.85 | - |
| PK | 5.1856G | 107.75 | Inf | -Inf | 9.18 | 3 | H | 31 | 1.85 | - |

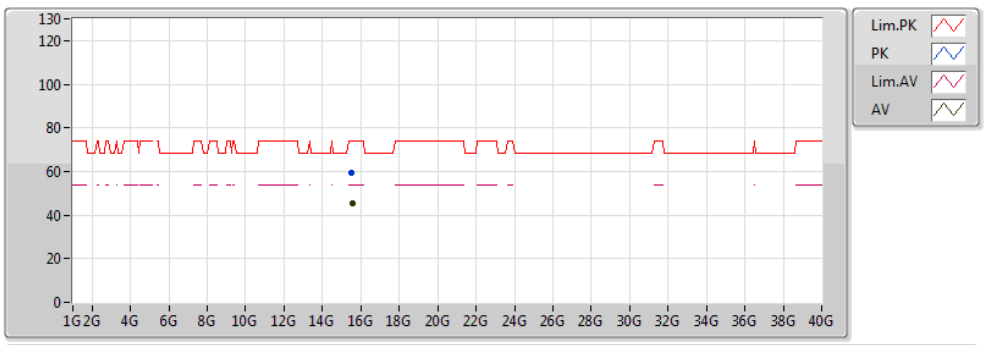
RE TX above 1GHz;Band:5.2G;VHT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:5180MHz;TX




20161028
EUT X_1TX_ANT1_PIFA
Setting_50
02-N-2-10

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 15.5352G | 45.34 | 54.00 | -8.66 | 17.15 | 3 | V | 273 | 1.50 | - |
| PK | 15.54354G | 60.34 | 74.00 | -13.66 | 17.13 | 3 | V | 273 | 1.50 | - |

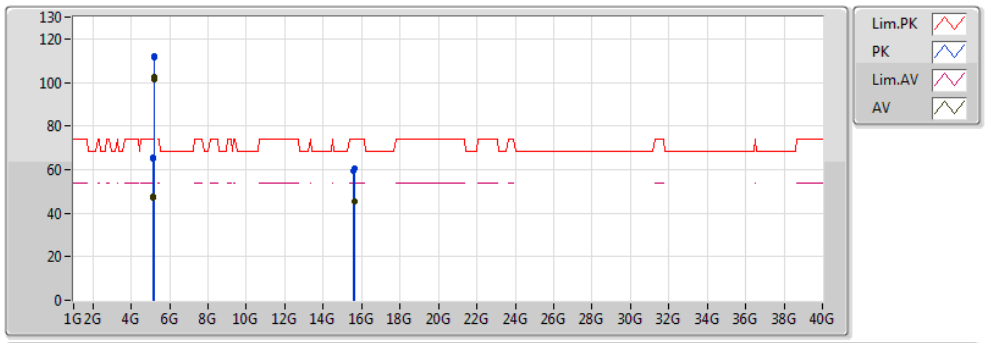
RE TX above 1GHz;Band:5.2G;VHT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:5180MHz;TX




20161028
EUT X_1TX_ANT1_PIFA
Setting_50
02-N-2-10

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 15.54948G | 45.30 | 54.00 | -8.70 | 17.11 | 3 | H | 278 | 1.50 | - |
| PK | 15.52764G | 59.45 | 74.00 | -14.55 | 17.18 | 3 | H | 278 | 1.50 | - |

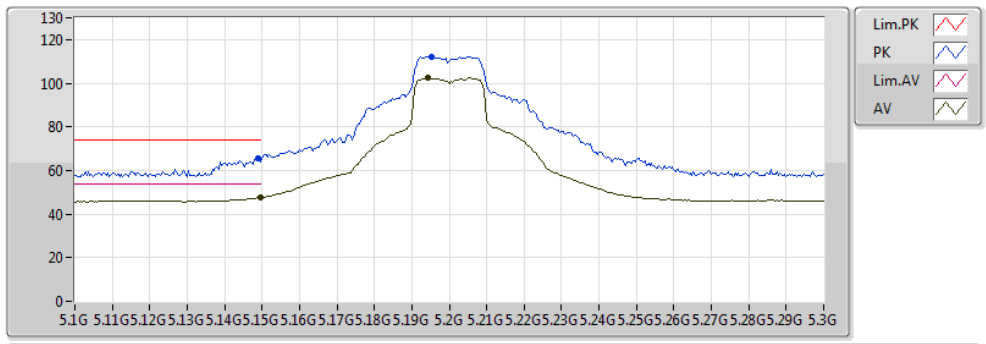
RE TX above 1GHz;Band:5.2G;VHT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:5200MHz;TX




20161104
EUT X_1TX_ANT1_PIFA
Setting_57
02-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 | 5.1496G | 47.29 | 54.00 | -6.71 | 4.73 | 3 | H | 59 | 1.50 | - |
| AV | 5.1944G | 101.67 | Inf | -Inf | 4.77 | 3 | H | 59 | 1.50 | - |
| PK | 5.1488G | 64.76 | 74.00 | -9.24 | 4.73 | 3 | H | 59 | 1.50 | - |
| PK | 5.1952G | 111.42 | Inf | -Inf | 4.78 | 3 | H | 59 | 1.50 | - |
| AV | 5.1496G | 47.72 | 54.00 | -6.28 | 4.73 | 3 | V | 66 | 1.50 | - |
| AV | 5.1944G | 102.48 | Inf | -Inf | 4.77 | 3 | V | 66 | 1.50 | - |
| PK | 5.1488G | 65.83 | 74.00 | -8.17 | 4.73 | 3 | V | 66 | 1.50 | - |
| PK | 5.1952G | 112.13 | Inf | -Inf | 4.78 | 3 | V | 66 | 1.50 | - |
| AV | 15.60216G | 45.66 | 54.00 | -8.34 | 16.95 | 3 | H | 195 | 2.60 | - |
| PK | 15.6066G | 60.33 | 74.00 | -13.67 | 16.94 | 3 | H | 195 | 2.60 | - |
| AV | 15.6046G | 45.28 | 54.00 | -8.72 | 16.94 | 3 | V | 47 | 2.56 | - |
| PK | 15.59108G | 59.44 | 74.00 | -14.56 | 16.98 | 3 | V | 47 | 2.56 | - |

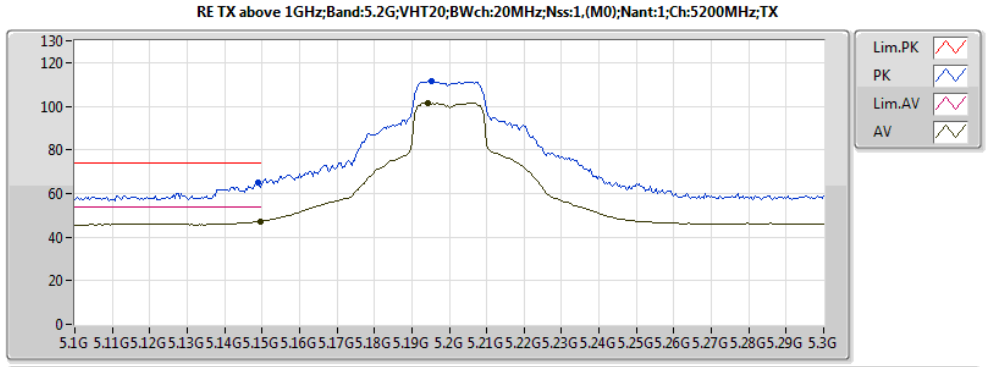
RE TX above 1GHz;Band:5.2G;VHT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:5200MHz;TX




20161104
EUT X_1TX_ANT1_PIFA
Setting_57
04-K-1-10
Max setting

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 5.1496G | 47.72 | 54.00 | -6.28 | 4.73 | 3 | V | 66 | 1.50 | - |
| AV | 5.1944G | 102.48 | Inf | -Inf | 4.77 | 3 | V | 66 | 1.50 | - |
| PK | 5.1488G | 65.83 | 74.00 | -8.17 | 4.73 | 3 | V | 66 | 1.50 | - |
| PK | 5.1952G | 112.13 | Inf | -Inf | 4.78 | 3 | V | 66 | 1.50 | - |

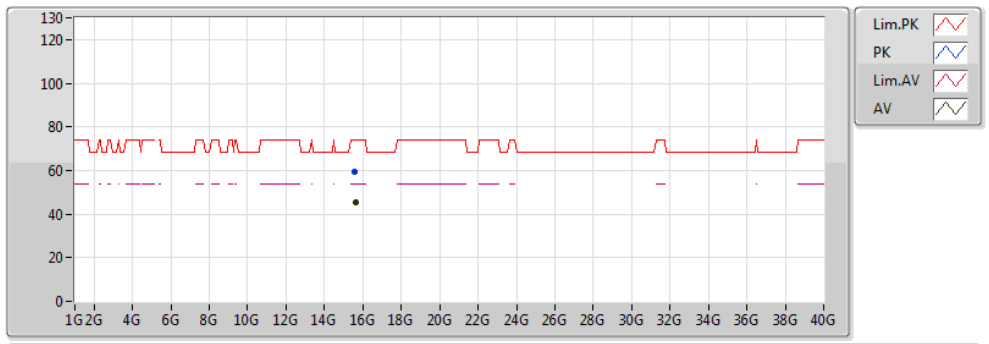
RE TX above 1GHz;Band:5.2G;VHT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:5200MHz;TX




20161104
EUT X_1TX_ANT1_PIFA
Setting_57
04-K-1-10

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 5.1496G | 47.29 | 54.00 | -6.71 | 4.73 | 3 | H | 59 | 1.50 | - |
| AV | 5.1944G | 101.67 | Inf | -Inf | 4.77 | 3 | H | 59 | 1.50 | - |
| PK | 5.1488G | 64.76 | 74.00 | -9.24 | 4.73 | 3 | H | 59 | 1.50 | - |
| PK | 5.1952G | 111.42 | Inf | -Inf | 4.78 | 3 | H | 59 | 1.50 | - |

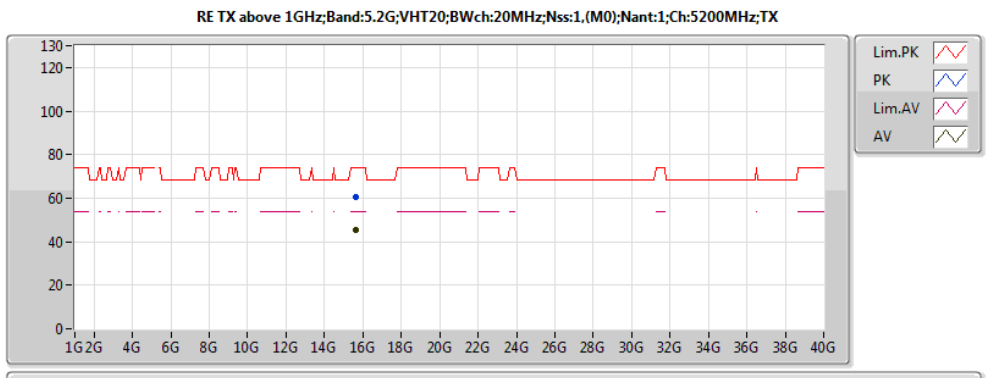
RE TX above 1GHz;Band:5.2G;VHT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:5200MHz;TX




20161113
EUT X_1TX_ANT1_PIFA
Setting_57
02-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 | 15.6046G | 45.28 | 54.00 | -8.72 | 16.94 | 3 | V | 47 | 2.56 | - |
| PK | 15.59108G | 59.44 | 74.00 | -14.56 | 16.98 | 3 | V | 47 | 2.56 | - |

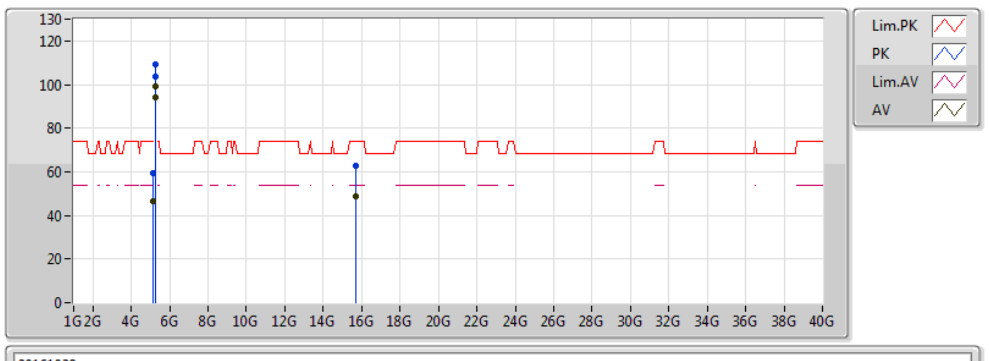
RE TX above 1GHz;Band:5.2G;VHT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:5200MHz;TX




20161113
EUT X_1TX_ANT1_PIFA
Setting_57
02-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 | 15.60216G | 45.66 | 54.00 | -8.34 | 16.95 | 3 | H | 195 | 2.60 | - |
| PK | 15.6066G | 60.33 | 74.00 | -13.67 | 16.94 | 3 | H | 195 | 2.60 | - |

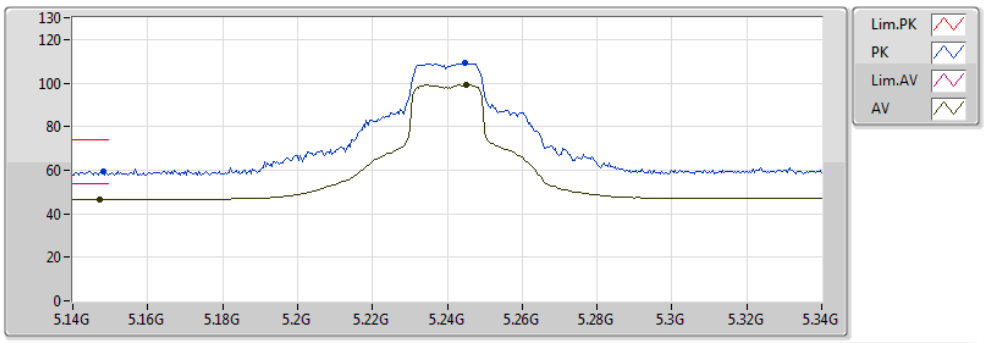
RE TX above 1GHz;Band:5.2G;VHT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:5240MHz;TX




20161029
EUT X_1TX_ANT1_PIFA
Setting_51
06-J-4-10

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 5.1452G | 46.59 | 54.00 | -7.41 | 7.89 | 3 | H | 238 | 1.61 | - |
| AV | 5.2452G | 94.26 | Inf | -Inf | 8.03 | 3 | H | 238 | 1.61 | - |
| AV | 15.708G | 48.69 | 54.00 | -5.31 | 18.93 | 3 | H | 263 | 1.76 | - |
| PK | 5.1444G | 59.25 | 74.00 | -14.75 | 7.89 | 3 | H | 238 | 1.61 | - |
| PK | 5.2448G | 103.87 | Inf | -Inf | 8.03 | 3 | H | 238 | 1.61 | - |
| PK | 15.71016G | 62.68 | 74.00 | -11.32 | 18.92 | 3 | H | 263 | 1.76 | - |
| AV | 5.1472G | 46.52 | 54.00 | -7.48 | 7.89 | 3 | V | 108 | 1.57 | - |
| AV | 5.2452G | 99.41 | Inf | -Inf | 8.03 | 3 | V | 108 | 1.57 | - |
| AV | 15.70578G | 48.71 | 54.00 | -5.29 | 18.94 | 3 | V | 95 | 1.88 | - |
| PK | 5.148G | 59.53 | 74.00 | -14.47 | 7.89 | 3 | V | 108 | 1.57 | - |
| PK | 5.2448G | 108.99 | Inf | -Inf | 8.03 | 3 | V | 108 | 1.57 | - |
| PK | 15.71448G | 62.52 | 74.00 | -11.48 | 18.91 | 3 | V | 95 | 1.88 | - |

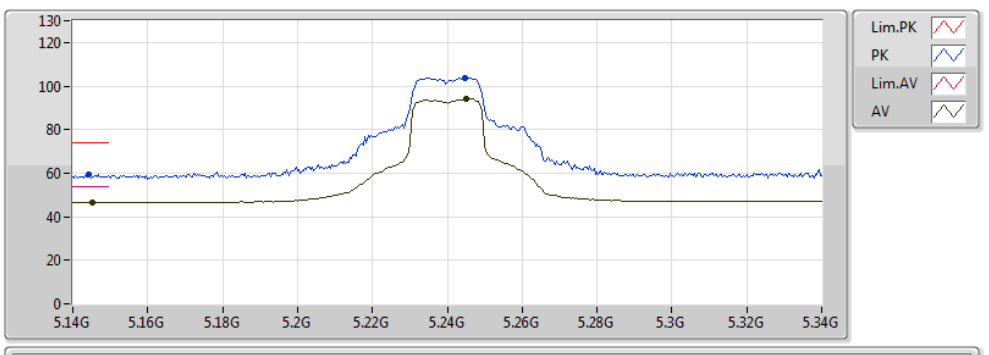
RE TX above 1GHz;Band:5.2G;VHT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:5240MHz;TX




20161029
EUT X_1TX_ANT1_PIFA
Setting_51
06-J-4-10

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 5.1472G | 46.52 | 54.00 | -7.48 | 7.89 | 3 | V | 108 | 1.57 | - |
| AV | 5.2452G | 99.41 | Inf | -Inf | 8.03 | 3 | V | 108 | 1.57 | - |
| PK | 5.148G | 59.53 | 74.00 | -14.47 | 7.89 | 3 | V | 108 | 1.57 | - |
| PK | 5.2448G | 108.99 | Inf | -Inf | 8.03 | 3 | V | 108 | 1.57 | - |

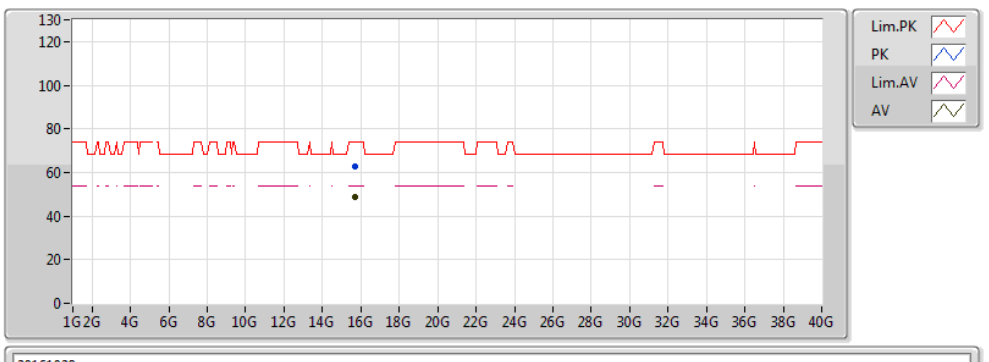
RE TX above 1GHz;Band:5.2G;VHT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:5240MHz;TX




20161029
EUT X_1TX_ANT1_PIFA
Setting_51
06-J-4-10

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 5.1452G | 46.59 | 54.00 | -7.41 | 7.89 | 3 | H | 238 | 1.61 | - |
| AV | 5.2452G | 94.26 | Inf | -Inf | 8.03 | 3 | H | 238 | 1.61 | - |
| PK | 5.1444G | 59.25 | 74.00 | -14.75 | 7.89 | 3 | H | 238 | 1.61 | - |
| PK | 5.2448G | 103.87 | Inf | -Inf | 8.03 | 3 | H | 238 | 1.61 | - |

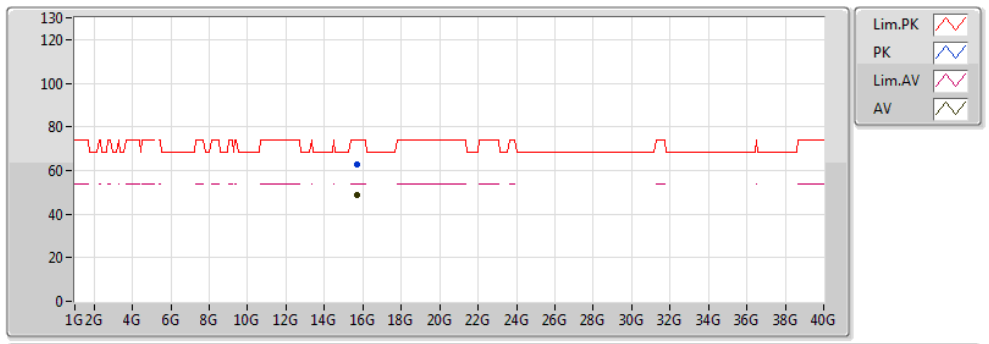
RE TX above 1GHz;Band:5.2G;VHT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:5240MHz;TX




20161028
EUT X_1TX_ANT1_PIFA
Setting_51
06-K-1

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 15.70578G | 48.71 | 54.00 | -5.29 | 18.94 | 3 | V | 95 | 1.88 | - |
| PK | 15.71448G | 62.52 | 74.00 | -11.48 | 18.91 | 3 | V | 95 | 1.88 | - |

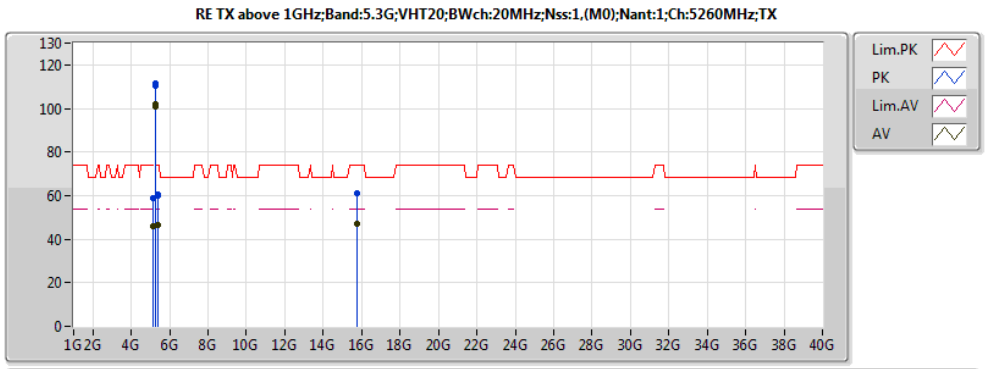
RE TX above 1GHz;Band:5.2G;VHT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:5240MHz;TX




20161028
EUT X_1TX_ANT1_PIFA
Setting_51
06-K-1

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 15.708G | 48.69 | 54.00 | -5.31 | 18.93 | 3 | H | 263 | 1.76 | - |
| PK | 15.71016G | 62.68 | 74.00 | -11.32 | 18.92 | 3 | H | 263 | 1.76 | - |

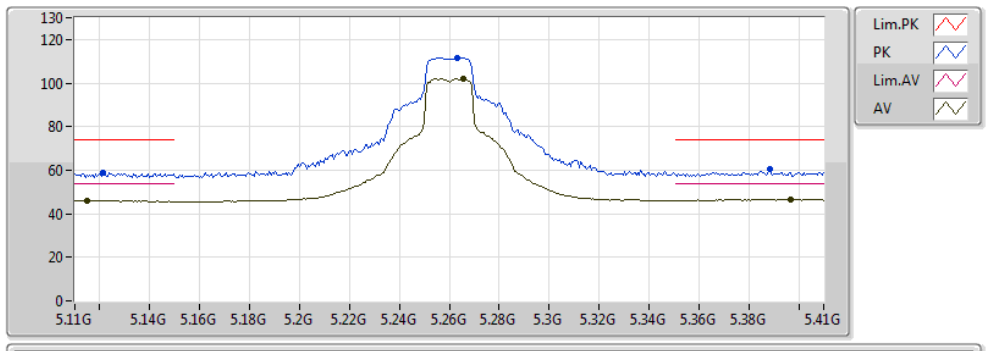
RE TX above 1GHz;Band:5.3G;VHT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:5260MHz;TX




20161113
EUT X_1TX_ANT1_PIFA
Setting_57
02-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 | 5.11G | 45.93 | 54.00 | -8.07 | 4.69 | 3 | H | 59 | 1.50 | - |
| AV | 5.2546G | 100.75 | Inf | -Inf | 4.91 | 3 | H | 59 | 1.50 | - |
| AV | 5.392G | 46.54 | 54.00 | -7.46 | 5.19 | 3 | H | 59 | 1.50 | - |
| PK | 5.143G | 58.69 | 74.00 | -15.31 | 4.72 | 3 | H | 59 | 1.50 | - |
| PK | 5.2552G | 110.46 | Inf | -Inf | 4.91 | 3 | H | 59 | 1.50 | - |
| PK | 5.3896G | 60.05 | 74.00 | -13.95 | 5.19 | 3 | H | 59 | 1.50 | - |
| AV | 5.1148G | 45.94 | 54.00 | -8.06 | 4.69 | 3 | V | 68 | 1.50 | - |
| AV | 5.2654G | 102.05 | Inf | -Inf | 4.94 | 3 | V | 68 | 1.50 | - |
| AV | 5.3968G | 46.54 | 54.00 | -7.46 | 5.20 | 3 | V | 68 | 1.50 | - |
| PK | 5.1214G | 58.71 | 74.00 | -15.29 | 4.70 | 3 | V | 68 | 1.50 | - |
| PK | 5.263G | 111.71 | Inf | -Inf | 4.93 | 3 | V | 68 | 1.50 | - |
| PK | 5.3884G | 60.33 | 74.00 | -13.67 | 5.19 | 3 | V | 68 | 1.50 | - |
| AV | 15.7842G | 46.84 | 54.00 | -7.16 | 16.40 | 3 | H | 306 | 1.65 | - |
| PK | 15.7826G | 61.08 | 74.00 | -12.92 | 16.41 | 3 | H | 306 | 1.65 | - |
| AV | 15.78648G | 46.90 | 54.00 | -7.10 | 16.39 | 3 | V | 333 | 1.11 | - |
| PK | 15.78144G | 61.02 | 74.00 | -12.98 | 16.41 | 3 | V | 333 | 1.11 | - |

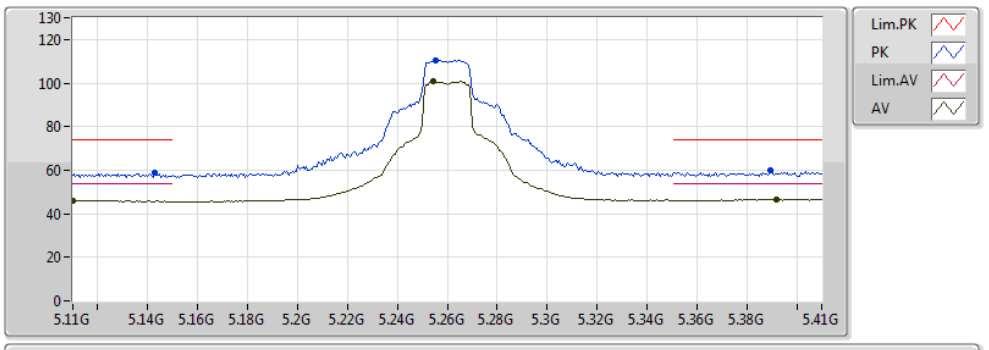
RE TX above 1GHz;Band:5.3G;VHT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:5260MHz;TX




20161104
EUT X_1TX_ANT1_PIFA
Setting_57
04-K-1-10
Max setting

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 5.1148G | 45.94 | 54.00 | -8.06 | 4.69 | 3 | V | 68 | 1.50 | - |
| AV | 5.2654G | 102.05 | Inf | -Inf | 4.94 | 3 | V | 68 | 1.50 | - |
| AV | 5.3968G | 46.54 | 54.00 | -7.46 | 5.20 | 3 | V | 68 | 1.50 | - |
| PK | 5.1214G | 58.71 | 74.00 | -15.29 | 4.70 | 3 | V | 68 | 1.50 | - |
| PK | 5.263G | 111.71 | Inf | -Inf | 4.93 | 3 | V | 68 | 1.50 | - |
| PK | 5.3884G | 60.33 | 74.00 | -13.67 | 5.19 | 3 | V | 68 | 1.50 | - |

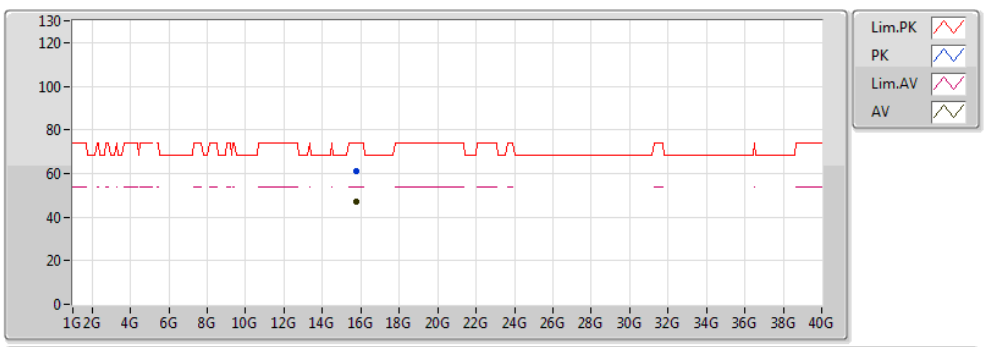
RE TX above 1GHz;Band:5.3G;VHT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:5260MHz;TX




20161104
EUT X_1TX_ANT1_PIFA
Setting_57
04-K-1-10

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 5.11G | 45.93 | 54.00 | -8.07 | 4.69 | 3 | H | 59 | 1.50 | - |
| AV | 5.2546G | 100.75 | Inf | -Inf | 4.91 | 3 | H | 59 | 1.50 | - |
| AV | 5.392G | 46.54 | 54.00 | -7.46 | 5.19 | 3 | H | 59 | 1.50 | - |
| PK | 5.143G | 58.69 | 74.00 | -15.31 | 4.72 | 3 | H | 59 | 1.50 | - |
| PK | 5.2552G | 110.46 | Inf | -Inf | 4.91 | 3 | H | 59 | 1.50 | - |
| PK | 5.3896G | 60.05 | 74.00 | -13.95 | 5.19 | 3 | H | 59 | 1.50 | - |

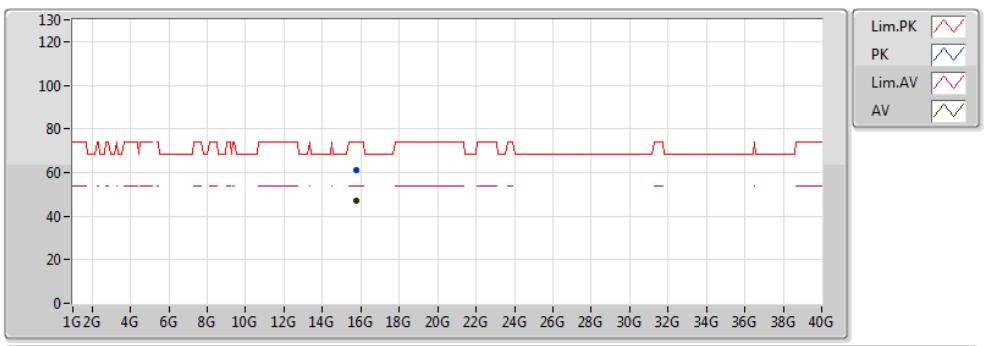
RE TX above 1GHz;Band:5.3G;VHT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:5260MHz;TX




20161113
EUT X_1TX_ANT1_PIFA
Setting_57
02-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 | 15.78648G | 46.90 | 54.00 | -7.10 | 16.39 | 3 | V | 333 | 1.11 | - |
| PK | 15.78144G | 61.02 | 74.00 | -12.98 | 16.41 | 3 | V | 333 | 1.11 | - |

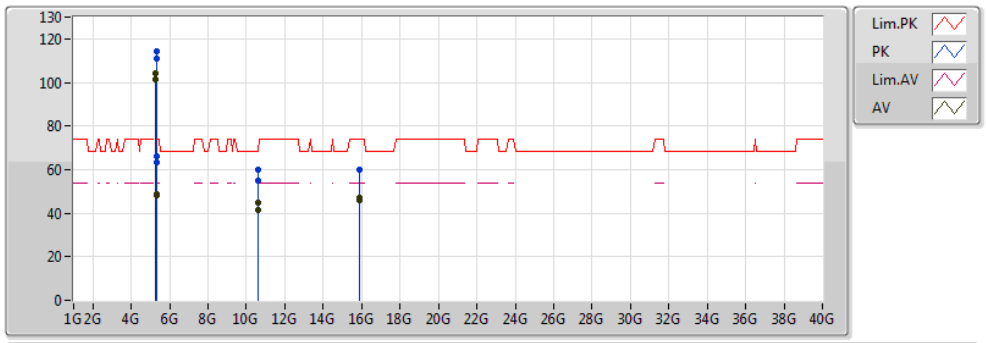
RE TX above 1GHz;Band:5.3G;VHT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:5260MHz;TX




20161113
EUT X_1TX_ANT1_PIFA
Setting_57
02-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 | 15.7842G | 46.84 | 54.00 | -7.16 | 16.40 | 3 | H | 306 | 1.65 | - |
| PK | 15.7826G | 61.08 | 74.00 | -12.92 | 16.41 | 3 | H | 306 | 1.65 | - |

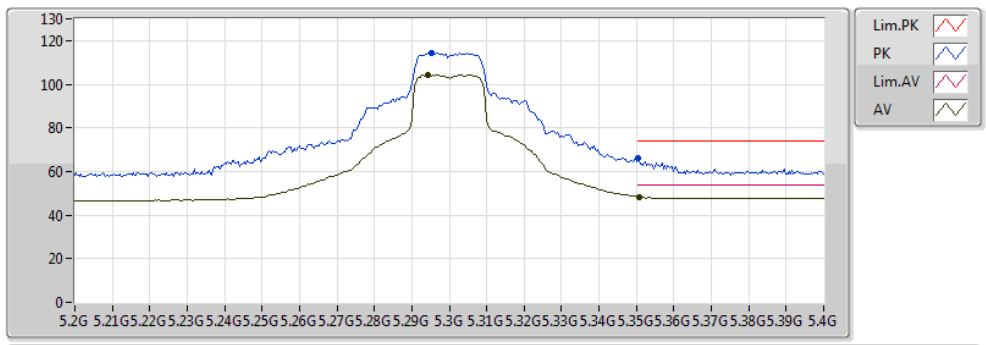
RE TX above 1GHz;Band:5.3G;VHT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:5300MHz;TX




20161113
EUT X_1TX_ANT1_PIFA
Setting_57
02-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 | 5.2944G | 101.59 | Inf | -Inf | 9.61 | 3 | H | 52 | 1.77 | - |
| AV | 5.3508G | 48.61 | 54.00 | -5.39 | 9.82 | 3 | H | 52 | 1.77 | - |
| PK | 5.3028G | 110.84 | Inf | -Inf | 9.64 | 3 | H | 52 | 1.77 | - |
| PK | 5.3508G | 63.49 | 74.00 | -10.51 | 9.82 | 3 | H | 52 | 1.77 | - |
| AV | 5.2944G | 104.46 | Inf | -Inf | 9.61 | 3 | V | 18 | 1.66 | - |
| AV | 5.3508G | 48.33 | 54.00 | -5.67 | 9.82 | 3 | V | 18 | 1.66 | - |
| PK | 5.2952G | 114.30 | Inf | -Inf | 9.61 | 3 | V | 18 | 1.66 | - |
| PK | 5.3504G | 66.11 | 74.00 | -7.89 | 9.82 | 3 | V | 18 | 1.66 | - |
| AV | 10.59832G | 41.55 | 54.00 | -12.45 | 14.63 | 3 | H | 324 | 1.56 | - |
| AV | 15.90428G | 46.02 | 54.00 | -7.98 | 16.04 | 3 | H | 336 | 2.08 | - |
| PK | 10.59944G | 54.89 | 74.00 | -19.11 | 14.63 | 3 | H | 324 | 1.56 | - |
| PK | 15.90924G | 59.83 | 74.00 | -14.17 | 16.02 | 3 | H | 336 | 2.08 | - |
| AV | 10.59996G | 44.58 | 54.00 | -9.42 | 14.63 | 3 | V | 22 | 2.49 | - |
| AV | 15.8982G | 46.79 | 54.00 | -7.21 | 16.06 | 3 | V | 113 | 2.47 | - |
| PK | 10.59792G | 59.71 | 74.00 | -14.29 | 14.63 | 3 | V | 22 | 2.49 | - |
| PK | 15.89236G | 59.99 | 74.00 | -14.01 | 16.08 | 3 | V | 113 | 2.47 | - |

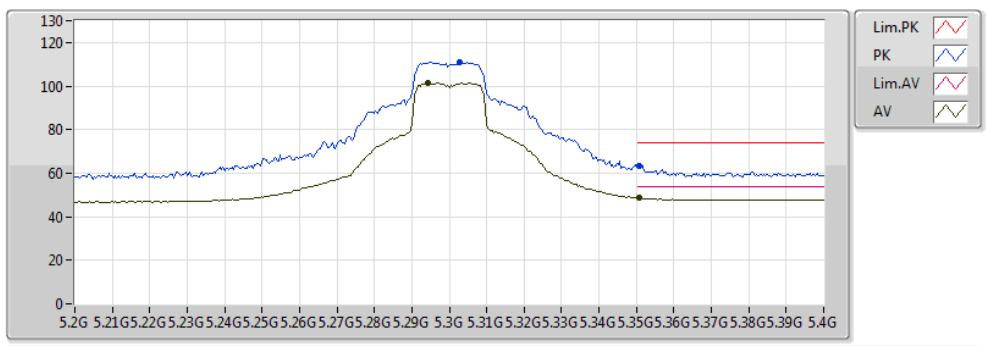
RE TX above 1GHz;Band:5.3G;VHT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:5300MHz;TX




20161112
EUT X_1TX_ANT1_PIFA
Setting_57
02-S-5-10

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 5.2944G | 104.46 | Inf | -Inf | 9.61 | 3 | V | 18 | 1.66 | - |
| AV | 5.3508G | 48.33 | 54.00 | -5.67 | 9.82 | 3 | V | 18 | 1.66 | - |
| PK | 5.2952G | 114.30 | Inf | -Inf | 9.61 | 3 | V | 18 | 1.66 | - |
| PK | 5.3504G | 66.11 | 74.00 | -7.89 | 9.82 | 3 | V | 18 | 1.66 | - |

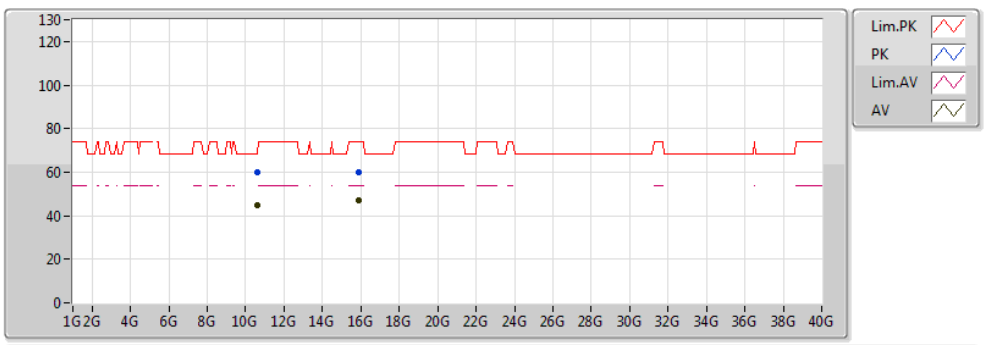
RE TX above 1GHz;Band:5.3G;VHT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:5300MHz;TX




20161112
EUT X_1TX_ANT1_PIFA
Setting_57
02-S-5-10

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 5.2944G | 101.59 | Inf | -Inf | 9.61 | 3 | H | 52 | 1.77 | - |
| AV | 5.3508G | 48.61 | 54.00 | -5.39 | 9.82 | 3 | H | 52 | 1.77 | - |
| PK | 5.3028G | 110.84 | Inf | -Inf | 9.64 | 3 | H | 52 | 1.77 | - |
| PK | 5.3508G | 63.49 | 74.00 | -10.51 | 9.82 | 3 | H | 52 | 1.77 | - |

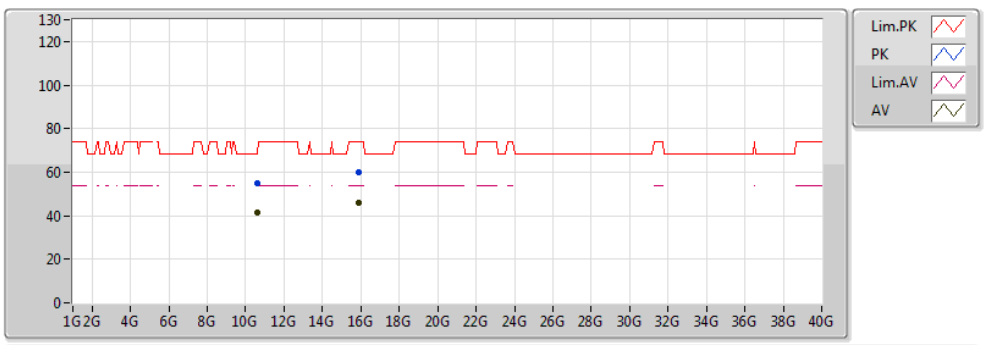
RE TX above 1GHz;Band:5.3G;VHT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:5300MHz;TX




20161113
EUT X_1TX_ANT1_PIFA
Setting_57
02-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 | 10.59996G | 44.58 | 54.00 | -9.42 | 14.63 | 3 | V | 22 | 2.49 | - |
| AV | 15.8982G | 46.79 | 54.00 | -7.21 | 16.06 | 3 | V | 113 | 2.47 | - |
| PK | 10.59792G | 59.71 | 74.00 | -14.29 | 14.63 | 3 | V | 22 | 2.49 | - |
| PK | 15.89236G | 59.99 | 74.00 | -14.01 | 16.08 | 3 | V | 113 | 2.47 | - |

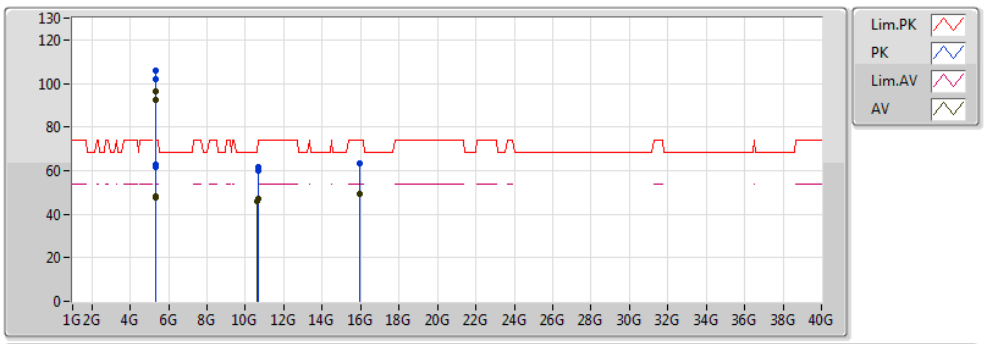
RE TX above 1GHz;Band:5.3G;VHT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:5300MHz;TX




20161113
EUT X_1TX_ANT1_PIFA
Setting_57
02-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 | 10.59832G | 41.55 | 54.00 | -12.45 | 14.63 | 3 | H | 324 | 1.56 | - |
| AV | 15.90428G | 46.02 | 54.00 | -7.98 | 16.04 | 3 | H | 336 | 2.08 | - |
| PK | 10.59944G | 54.89 | 74.00 | -19.11 | 14.63 | 3 | H | 324 | 1.56 | - |
| PK | 15.90924G | 59.83 | 74.00 | -14.17 | 16.02 | 3 | H | 336 | 2.08 | - |

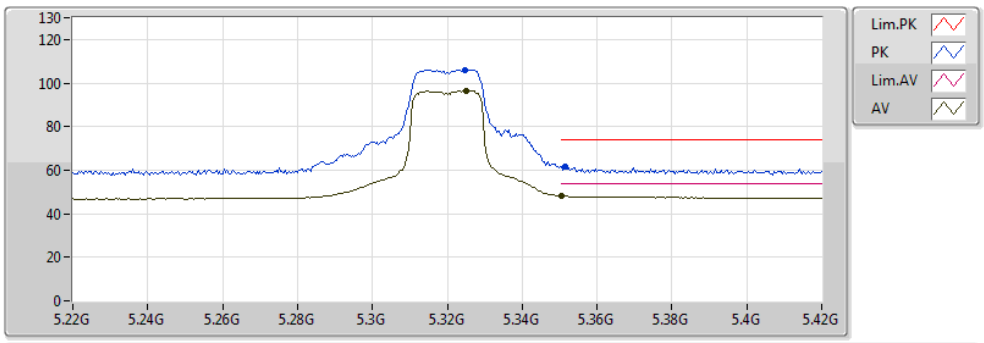
RE TX above 1GHz;Band:5.3G;VHT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:5320MHz;TX




20161029
EUT X_1TX_ANT1_PIFA
Setting_51
06-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 | 5.3148G | 92.35 | Inf | -Inf | 8.17 | 3 | H | 241 | 1.54 | - |
| AV | 5.3504G | 47.61 | 54.00 | -6.39 | 8.25 | 3 | H | 241 | 1.54 | - |
| AV | 10.63112G | 46.02 | 54.00 | -7.98 | 17.77 | 3 | H | 214 | 1.62 | - |
| AV | 15.945G | 49.21 | 54.00 | -4.79 | 18.22 | 3 | H | 52 | 1.22 | - |
| PK | 5.3144G | 102.09 | Inf | -Inf | 8.17 | 3 | H | 241 | 1.54 | - |
| PK | 5.3508G | 62.86 | 74.00 | -11.14 | 8.25 | 3 | H | 241 | 1.54 | - |
| PK | 10.64576G | 59.82 | 74.00 | -14.18 | 17.78 | 3 | H | 214 | 1.62 | - |
| PK | 15.96132G | 63.44 | 74.00 | -10.56 | 18.18 | 3 | H | 52 | 1.22 | - |
| AV | 5.3252G | 96.64 | Inf | -Inf | 8.19 | 3 | V | 106 | 1.50 | - |
| AV | 5.3504G | 48.03 | 54.00 | -5.97 | 8.25 | 3 | V | 106 | 1.50 | - |
| AV | 10.63964G | 47.01 | 54.00 | -6.99 | 17.78 | 3 | V | 250 | 1.75 | - |
| AV | 15.94992G | 49.26 | 54.00 | -4.74 | 18.21 | 3 | V | 171 | 2.29 | - |
| PK | 5.3248G | 106.18 | Inf | -Inf | 8.19 | 3 | V | 106 | 1.50 | - |
| PK | 5.3516G | 61.81 | 74.00 | -12.19 | 8.25 | 3 | V | 106 | 1.50 | - |
| PK | 10.6433G | 61.67 | 74.00 | -12.33 | 17.78 | 3 | V | 250 | 1.75 | - |
| PK | 15.95682G | 63.22 | 74.00 | -10.78 | 18.19 | 3 | V | 171 | 2.29 | - |

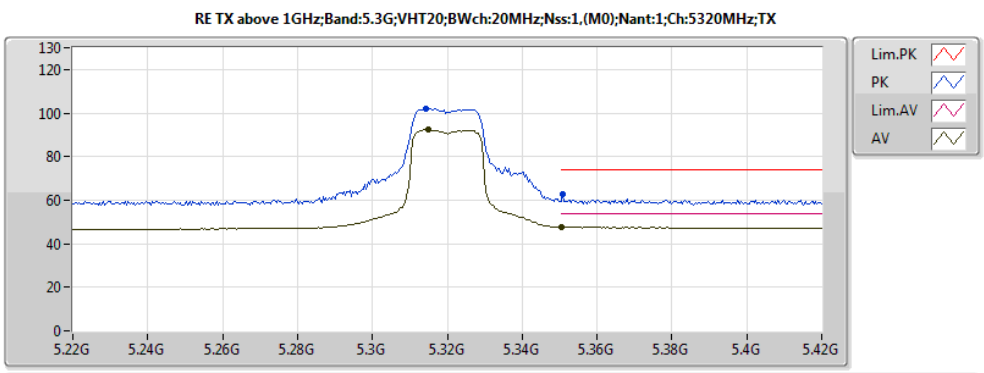
RE TX above 1GHz;Band:5.3G;VHT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:5320MHz;TX




20161029
EUT X_1TX_ANT1_PIFA
Setting_51
06-J-4-10

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 5.3252G | 96.64 | Inf | -Inf | 8.19 | 3 | V | 106 | 1.50 | - |
| AV | 5.3504G | 48.03 | 54.00 | -5.97 | 8.25 | 3 | V | 106 | 1.50 | - |
| PK | 5.3248G | 106.18 | Inf | -Inf | 8.19 | 3 | V | 106 | 1.50 | - |
| PK | 5.3516G | 61.81 | 74.00 | -12.19 | 8.25 | 3 | V | 106 | 1.50 | - |

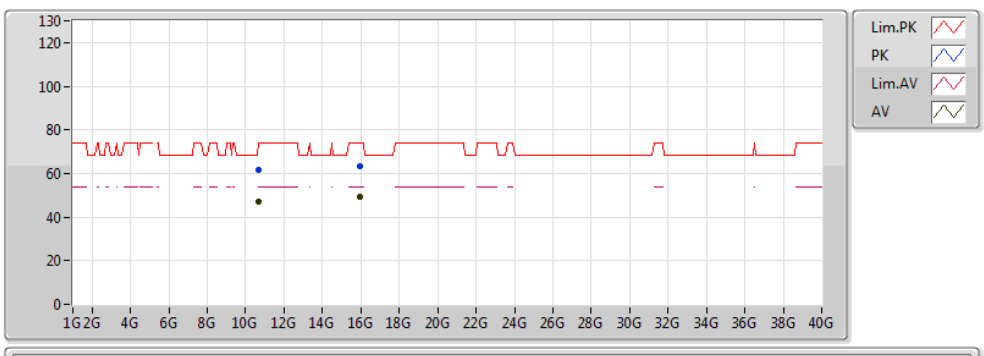
RE TX above 1GHz;Band:5.3G;VHT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:5320MHz;TX




20161029
EUT X_1TX_ANT1_PIFA
Setting_51
06-J-4-10

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 5.3148G | 92.35 | Inf | -Inf | 8.17 | 3 | H | 241 | 1.54 | - |
| AV | 5.3504G | 47.61 | 54.00 | -6.39 | 8.25 | 3 | H | 241 | 1.54 | - |
| PK | 5.3144G | 102.09 | Inf | -Inf | 8.17 | 3 | H | 241 | 1.54 | - |
| PK | 5.3508G | 62.86 | 74.00 | -11.14 | 8.25 | 3 | H | 241 | 1.54 | - |

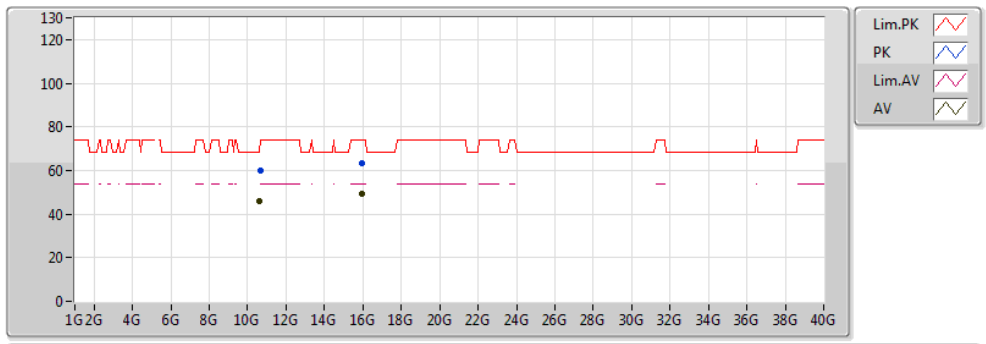
RE TX above 1GHz;Band:5.3G;VHT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:5320MHz;TX




20161029
EUT X_1TX_ANT1_PIFA
Setting_51
06-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 | 10.63964G | 47.01 | 54.00 | -6.99 | 17.78 | 3 | V | 250 | 1.75 | - |
| AV | 15.94992G | 49.26 | 54.00 | -4.74 | 18.21 | 3 | V | 171 | 2.29 | - |
| PK | 10.6433G | 61.67 | 74.00 | -12.33 | 17.78 | 3 | V | 250 | 1.75 | - |
| PK | 15.95682G | 63.22 | 74.00 | -10.78 | 18.19 | 3 | V | 171 | 2.29 | - |

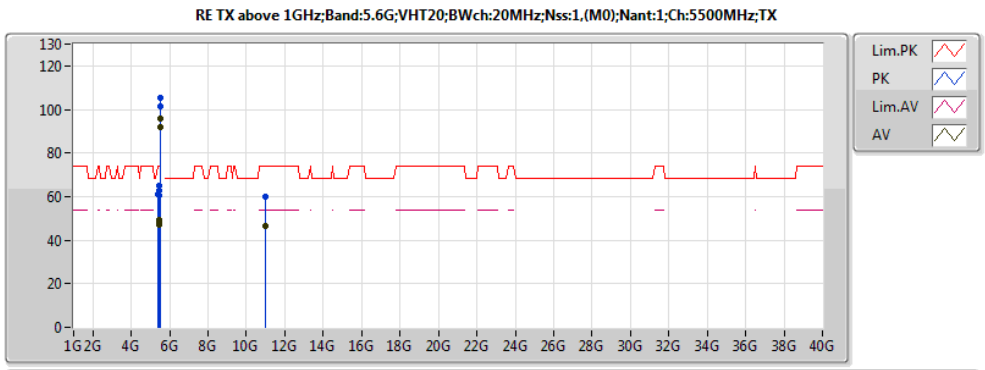
RE TX above 1GHz;Band:5.6G;VHT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:5500MHz;TX




20161029
EUT X_1TX_ANT1_PIFA
Setting_51
06-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 | 10.63112G | 46.02 | 54.00 | -7.98 | 17.77 | 3 | H | 214 | 1.62 | - |
| AV | 15.945G | 49.21 | 54.00 | -4.79 | 18.22 | 3 | H | 52 | 1.22 | - |
| PK | 10.64576G | 59.82 | 74.00 | -14.18 | 17.78 | 3 | H | 214 | 1.62 | - |
| PK | 15.96132G | 63.44 | 74.00 | -10.56 | 18.18 | 3 | H | 52 | 1.22 | - |

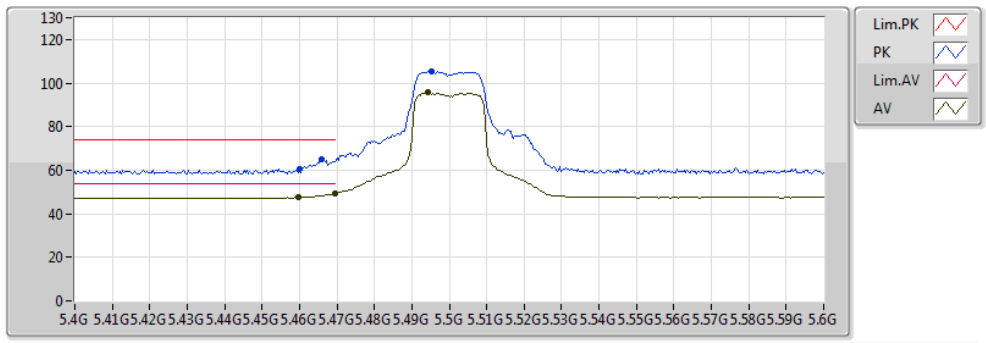
RE TX above 1GHz;Band:5.6G;VHT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:5500MHz;TX




20161029
EUT X_1TX_ANT1_PIFA
Setting_51
06-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 | 5.4584G | 47.26 | 54.00 | -6.74 | 8.48 | 3 | H | 143 | 1.50 | - |
| AV | 5.4696G | 48.34 | 54.00 | -5.66 | 8.51 | 3 | H | 143 | 1.50 | - |
| AV | 5.5052G | 91.62 | Inf | -Inf | 8.59 | 3 | H | 143 | 1.50 | - |
| AV | 11.01446G | 46.34 | 54.00 | -7.66 | 18.20 | 3 | H | 133 | 1.52 | - |
| PK | 5.4116G | 61.06 | 74.00 | -12.94 | 8.38 | 3 | H | 143 | 1.50 | - |
| PK | 5.4668G | 62.82 | 74.00 | -11.18 | 8.50 | 3 | H | 143 | 1.50 | - |
| PK | 5.4952G | 101.24 | Inf | -Inf | 8.57 | 3 | H | 143 | 1.50 | - |
| PK | 10.98956G | 60.18 | 74.00 | -13.82 | 18.20 | 3 | H | 133 | 1.52 | - |
| AV | 5.4596G | 47.43 | 54.00 | -6.57 | 8.49 | 3 | V | 104 | 1.50 | - |
| AV | 5.4696G | 49.39 | 54.00 | -4.61 | 8.51 | 3 | V | 104 | 1.50 | - |
| AV | 5.4944G | 95.55 | Inf | -Inf | 8.57 | 3 | V | 104 | 1.50 | - |
| AV | 11.0147G | 46.32 | 54.00 | -7.68 | 18.20 | 3 | V | 188 | 1.32 | - |
| PK | 5.46G | 60.72 | 74.00 | -13.28 | 8.49 | 3 | V | 104 | 1.50 | - |
| PK | 5.466G | 65.28 | 74.00 | -8.72 | 8.50 | 3 | V | 104 | 1.50 | - |
| PK | 5.4952G | 105.34 | Inf | -Inf | 8.57 | 3 | V | 104 | 1.50 | - |
| PK | 11.01416G | 60.10 | 74.00 | -13.90 | 18.20 | 3 | V | 188 | 1.32 | - |

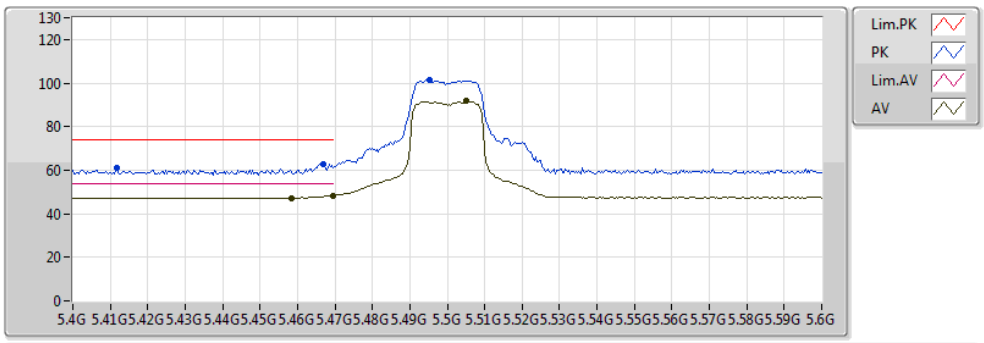
RE TX above 1GHz;Band:5.6G;VHT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:5500MHz;TX




20161029
EUT X_1TX_ANT1_PIFA
Setting_51
06-J-4-10

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 5.4596G | 47.43 | 54.00 | -6.57 | 8.49 | 3 | V | 104 | 1.50 | - |
| AV | 5.4696G | 49.39 | 54.00 | -4.61 | 8.51 | 3 | V | 104 | 1.50 | - |
| AV | 5.4944G | 95.55 | Inf | -Inf | 8.57 | 3 | V | 104 | 1.50 | - |
| PK | 5.46G | 60.72 | 74.00 | -13.28 | 8.49 | 3 | V | 104 | 1.50 | - |
| PK | 5.466G | 65.28 | 74.00 | -8.72 | 8.50 | 3 | V | 104 | 1.50 | - |
| PK | 5.4952G | 105.34 | Inf | -Inf | 8.57 | 3 | V | 104 | 1.50 | - |

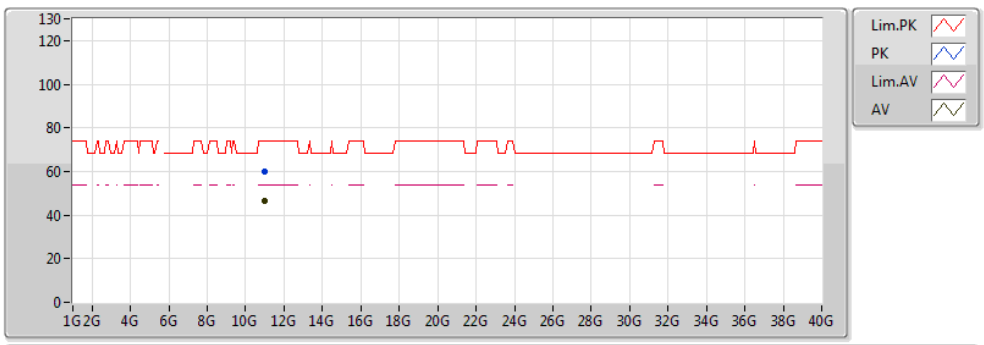
RE TX above 1GHz;Band:5.6G;VHT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:5500MHz;TX




20161029
EUT X_1TX_ANT1_PIFA
Setting_51
06-J-4-10

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 5.4584G | 47.26 | 54.00 | -6.74 | 8.48 | 3 | H | 143 | 1.50 | - |
| AV | 5.4696G | 48.34 | 54.00 | -5.66 | 8.51 | 3 | H | 143 | 1.50 | - |
| AV | 5.5052G | 91.62 | Inf | -Inf | 8.59 | 3 | H | 143 | 1.50 | - |
| PK | 5.4116G | 61.06 | 74.00 | -12.94 | 8.38 | 3 | H | 143 | 1.50 | - |
| PK | 5.4668G | 62.82 | 74.00 | -11.18 | 8.50 | 3 | H | 143 | 1.50 | - |
| PK | 5.4952G | 101.24 | Inf | -Inf | 8.57 | 3 | H | 143 | 1.50 | - |

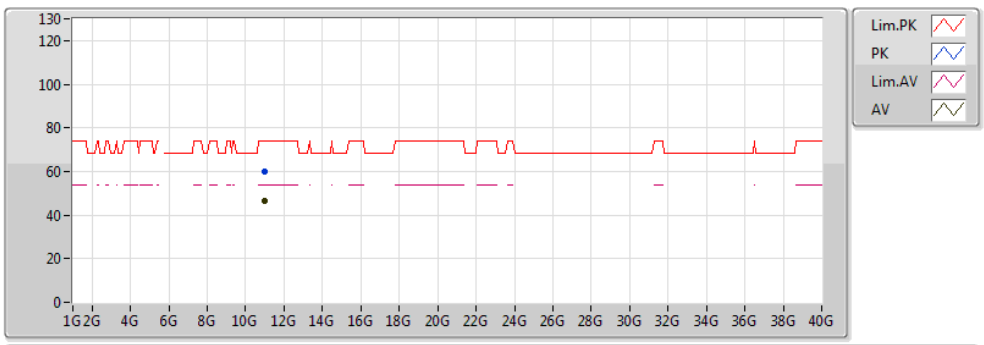
RE TX above 1GHz;Band:5.6G;VHT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:5500MHz;TX




20161029
EUT X_1TX_ANT1_PIFA
Setting_51
06-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 | 11.0147G | 46.32 | 54.00 | -7.68 | 18.20 | 3 | V | 188 | 1.32 | - |
| PK | 11.01416G | 60.10 | 74.00 | -13.90 | 18.20 | 3 | V | 188 | 1.32 | - |

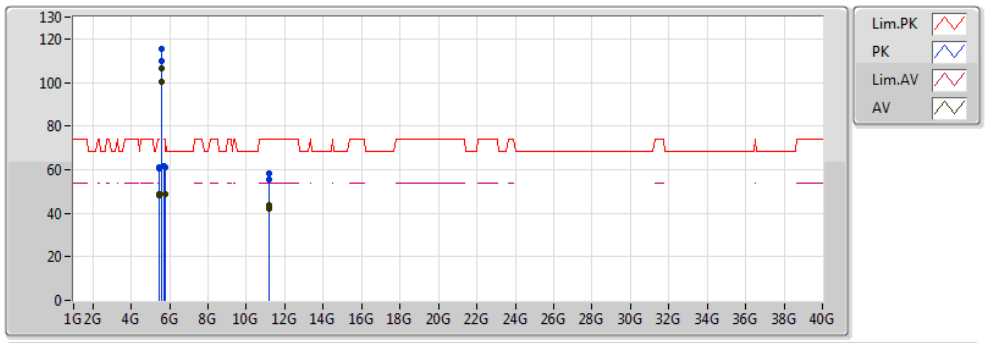
RE TX above 1GHz;Band:5.6G;VHT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:5500MHz;TX




20161029
EUT X_1TX_ANT1_PIFA
Setting_51
06-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 | 11.01446G | 46.34 | 54.00 | -7.66 | 18.20 | 3 | H | 133 | 1.52 | - |
| PK | 10.98956G | 60.18 | 74.00 | -13.82 | 18.20 | 3 | H | 133 | 1.52 | - |

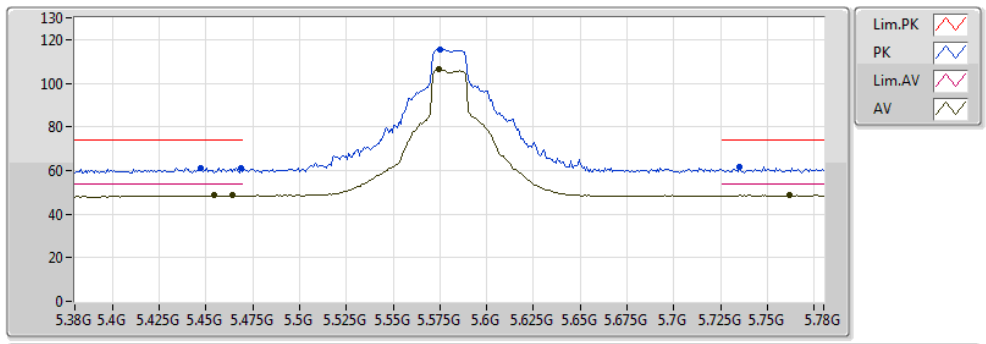
RE TX above 1GHz;Band:5.6G;VHT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:5580MHz;TX




20161113
EUT X_1TX_ANT1_PIFA
Setting_57
02-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 | 5.436G | 48.26 | 54.00 | -5.74 | 10.14 | 3 | H | 56 | 1.82 | - |
| AV | 5.4688G | 48.38 | 54.00 | -5.62 | 10.26 | 3 | H | 56 | 1.82 | - |
| AV | 5.5856G | 100.48 | Inf | -Inf | 10.48 | 3 | H | 56 | 1.82 | - |
| AV | 5.7472G | 48.50 | 54.00 | -5.50 | 10.78 | 3 | H | 56 | 1.82 | - |
| PK | 5.4512G | 60.70 | 74.00 | -13.30 | 10.19 | 3 | H | 56 | 1.82 | - |
| PK | 5.4616G | 60.41 | 74.00 | -13.59 | 10.23 | 3 | H | 56 | 1.82 | - |
| PK | 5.584G | 109.70 | Inf | -Inf | 10.48 | 3 | H | 56 | 1.82 | - |
| PK | 5.7528G | 60.81 | 74.00 | -13.19 | 10.79 | 3 | H | 56 | 1.82 | - |
| AV | 5.4544G | 48.55 | 54.00 | -5.45 | 10.21 | 3 | V | 19 | 1.47 | - |
| AV | 5.464G | 48.65 | 54.00 | -5.35 | 10.24 | 3 | V | 19 | 1.47 | - |
| AV | 5.5744G | 106.41 | Inf | -Inf | 10.47 | 3 | V | 19 | 1.47 | - |
| AV | 5.7616G | 48.69 | 54.00 | -5.31 | 10.81 | 3 | V | 19 | 1.47 | - |
| PK | 5.4472G | 61.24 | 74.00 | -12.76 | 10.18 | 3 | V | 19 | 1.47 | - |
| PK | 5.4688G | 61.25 | 74.00 | -12.75 | 10.26 | 3 | V | 19 | 1.47 | - |
| PK | 5.5752G | 115.57 | Inf | -Inf | 10.47 | 3 | V | 19 | 1.47 | - |
| PK | 5.7352G | 61.54 | 74.00 | -12.46 | 10.76 | 3 | V | 19 | 1.47 | - |
| AV | 11.15856G | 42.18 | 54.00 | -11.82 | 14.63 | 3 | H | 260 | 1.15 | - |
| PK | 11.1696G | 55.54 | 74.00 | -18.46 | 14.65 | 3 | H | 260 | 1.15 | - |
| AV | 11.1598G | 43.72 | 54.00 | -10.28 | 14.63 | 3 | V | 338 | 1.50 | - |
| PK | 11.1616G | 58.52 | 74.00 | -15.48 | 14.64 | 3 | V | 338 | 1.50 | - |

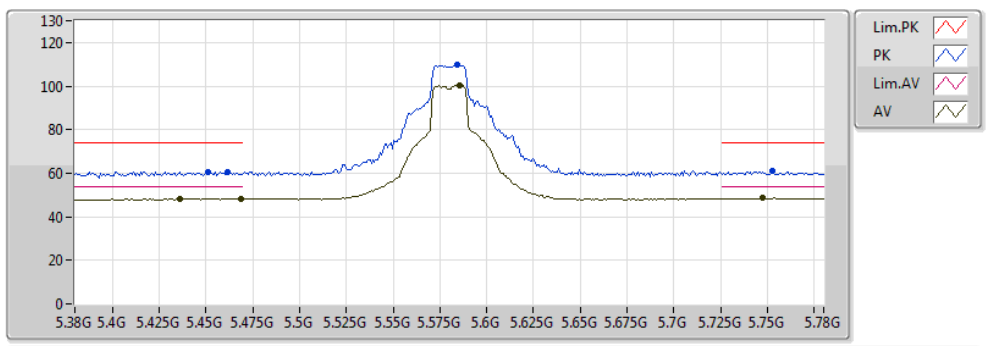
RE TX above 1GHz;Band:5.6G;VHT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:5580MHz;TX




20161112
EUT X_1TX_ANT1_PIFA
Setting_57
02-S-5-10

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 5.4544G | 48.55 | 54.00 | -5.45 | 10.21 | 3 | V | 19 | 1.47 | - |
| AV | 5.464G | 48.65 | 54.00 | -5.35 | 10.24 | 3 | V | 19 | 1.47 | - |
| AV | 5.5744G | 106.41 | Inf | -Inf | 10.47 | 3 | V | 19 | 1.47 | - |
| AV | 5.7616G | 48.69 | 54.00 | -5.31 | 10.81 | 3 | V | 19 | 1.47 | - |
| PK | 5.4472G | 61.24 | 74.00 | -12.76 | 10.18 | 3 | V | 19 | 1.47 | - |
| PK | 5.4688G | 61.25 | 74.00 | -12.75 | 10.26 | 3 | V | 19 | 1.47 | - |
| PK | 5.5752G | 115.57 | Inf | -Inf | 10.47 | 3 | V | 19 | 1.47 | - |
| PK | 5.7352G | 61.54 | 74.00 | -12.46 | 10.76 | 3 | V | 19 | 1.47 | - |

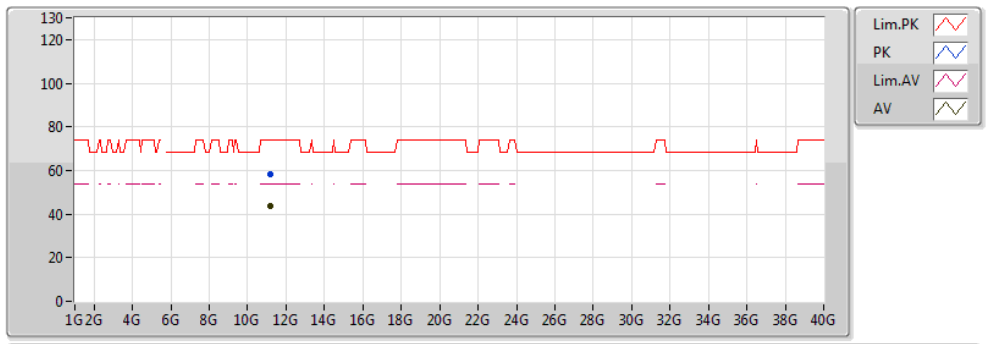
RE TX above 1GHz;Band:5.6G;VHT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:5580MHz;TX




20161112
EUT X_1TX_ANT1_PIFA
Setting_57
02-S-5-10

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 5.436G | 48.26 | 54.00 | -5.74 | 10.14 | 3 | H | 56 | 1.82 | - |
| AV | 5.4688G | 48.38 | 54.00 | -5.62 | 10.26 | 3 | H | 56 | 1.82 | - |
| AV | 5.5856G | 100.48 | Inf | -Inf | 10.48 | 3 | H | 56 | 1.82 | - |
| AV | 5.7472G | 48.50 | 54.00 | -5.50 | 10.78 | 3 | H | 56 | 1.82 | - |
| PK | 5.4512G | 60.70 | 74.00 | -13.30 | 10.19 | 3 | H | 56 | 1.82 | - |
| PK | 5.4616G | 60.41 | 74.00 | -13.59 | 10.23 | 3 | H | 56 | 1.82 | - |
| PK | 5.584G | 109.70 | Inf | -Inf | 10.48 | 3 | H | 56 | 1.82 | - |
| PK | 5.7528G | 60.81 | 74.00 | -13.19 | 10.79 | 3 | H | 56 | 1.82 | - |

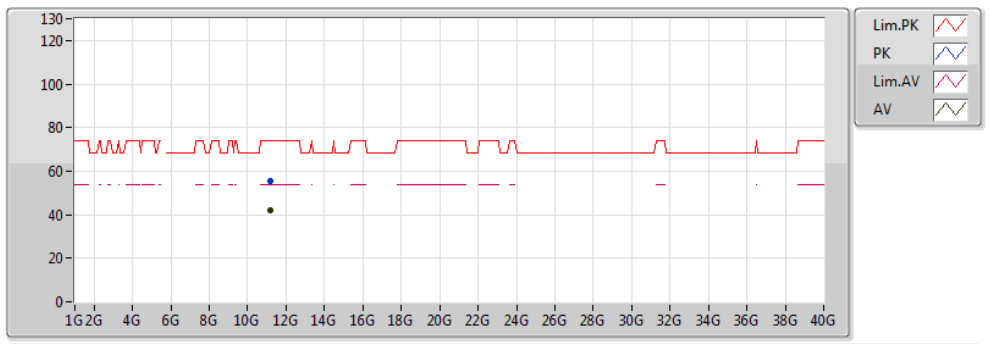
RE TX above 1GHz;Band:5.6G;VHT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:5580MHz;TX




20161113
EUT X_1TX_ANT1_PIFA
Setting_57
02-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 | 11.1598G | 43.72 | 54.00 | -10.28 | 14.63 | 3 | V | 338 | 1.50 | - |
| PK | 11.1616G | 58.52 | 74.00 | -15.48 | 14.64 | 3 | V | 338 | 1.50 | - |

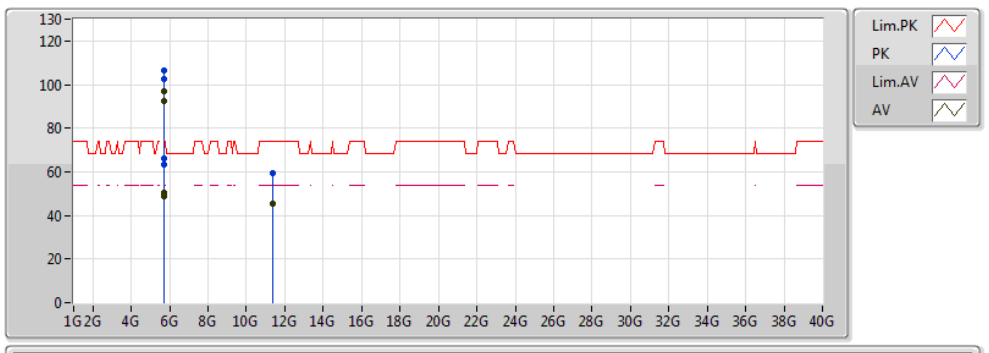
RE TX above 1GHz;Band:5.6G;VHT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:5580MHz;TX




20161113
EUT X_1TX_ANT1_PIFA
Setting_57
02-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 | 11.15856G | 42.18 | 54.00 | -11.82 | 14.63 | 3 | H | 260 | 1.15 | - |
| PK | 11.1696G | 55.54 | 74.00 | -18.46 | 14.65 | 3 | H | 260 | 1.15 | - |

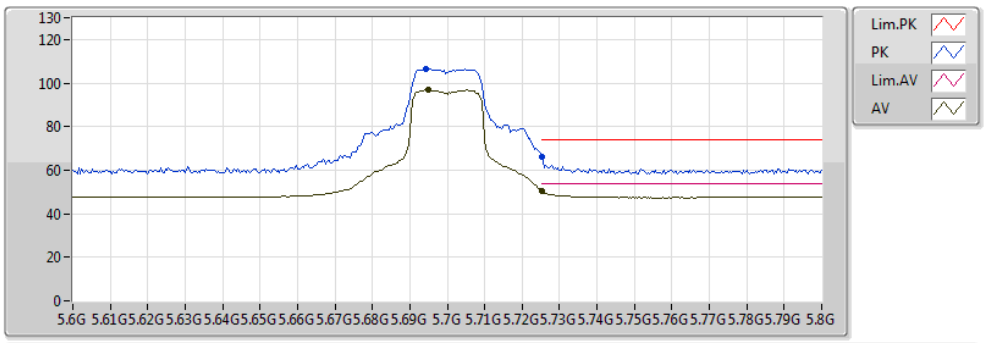
RE TX above 1GHz;Band:5.6G;VHT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:5700MHz;TX




20161029
EUT X_1TX_ANT1_PIFA
Setting_53
06-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 | 5.6948G | 96.92 | Inf | -Inf | 8.90 | 3 | H | 227 | 1.50 | - |
| AV | 5.7252G | 48.85 | 54.00 | -5.15 | 8.91 | 3 | H | 227 | 1.50 | - |
| AV | 11.38572G | 45.41 | 54.00 | -8.59 | 17.87 | 3 | H | 295 | 1.51 | - |
| PK | 5.6952G | 102.28 | Inf | -Inf | 8.90 | 3 | H | 227 | 1.50 | - |
| PK | 5.7252G | 63.14 | 74.00 | -10.86 | 8.91 | 3 | H | 227 | 1.50 | - |
| PK | 11.39904G | 59.58 | 74.00 | -14.42 | 17.86 | 3 | H | 295 | 1.51 | - |
| AV | 5.6948G | 96.92 | Inf | -Inf | 8.90 | 3 | V | 109 | 1.88 | - |
| AV | 5.7252G | 50.34 | 54.00 | -3.66 | 8.91 | 3 | V | 109 | 1.88 | - |
| AV | 11.39046G | 45.37 | 54.00 | -8.63 | 17.87 | 3 | V | 232 | 1.97 | - |
| PK | 5.6944G | 106.52 | Inf | -Inf | 8.90 | 3 | V | 109 | 1.88 | - |
| PK | 5.7252G | 66.37 | 74.00 | -7.63 | 8.91 | 3 | V | 109 | 1.88 | - |
| PK | 11.3937G | 59.52 | 74.00 | -14.48 | 17.87 | 3 | V | 232 | 1.97 | - |

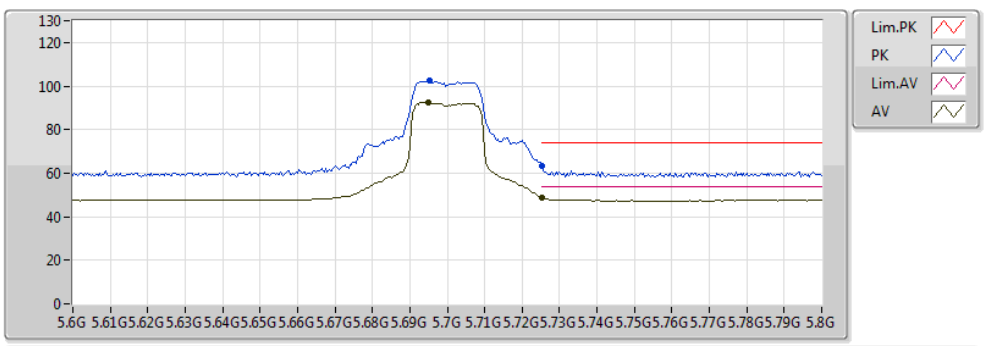
RE TX above 1GHz;Band:5.6G;VHT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:5700MHz;TX




20161029
EUT X_1TX_ANT1_PIFA
Setting_53
06-J-4-10

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 5.6948G | 96.92 | Inf | -Inf | 8.90 | 3 | V | 109 | 1.88 | - |
| AV | 5.7252G | 50.34 | 54.00 | -3.66 | 8.91 | 3 | V | 109 | 1.88 | - |
| PK | 5.6944G | 106.52 | Inf | -Inf | 8.90 | 3 | V | 109 | 1.88 | - |
| PK | 5.7252G | 66.37 | 74.00 | -7.63 | 8.91 | 3 | V | 109 | 1.88 | - |

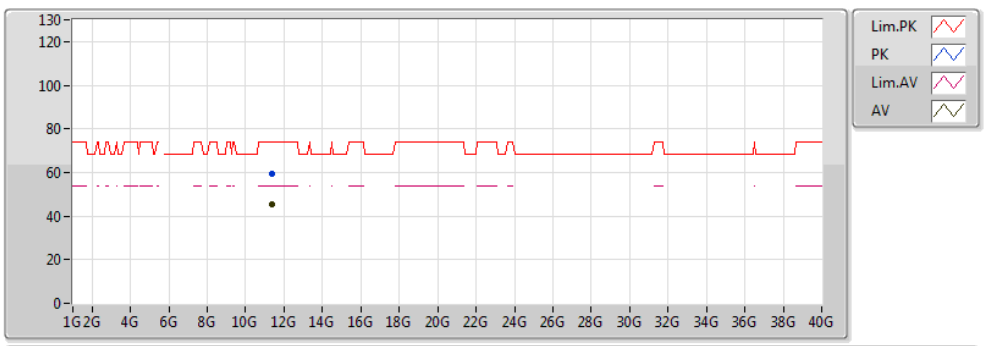
RE TX above 1GHz;Band:5.6G;VHT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:5700MHz;TX




20161029
EUT X_1TX_ANT1_PIFA
Setting_53
06-J-4-10

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 5.6948G | 92.64 | Inf | -Inf | 8.90 | 3 | H | 227 | 1.50 | - |
| AV | 5.7252G | 48.85 | 54.00 | -5.15 | 8.91 | 3 | H | 227 | 1.50 | - |
| PK | 5.6952G | 102.28 | Inf | -Inf | 8.90 | 3 | H | 227 | 1.50 | - |
| PK | 5.7252G | 63.14 | 74.00 | -10.86 | 8.91 | 3 | H | 227 | 1.50 | - |

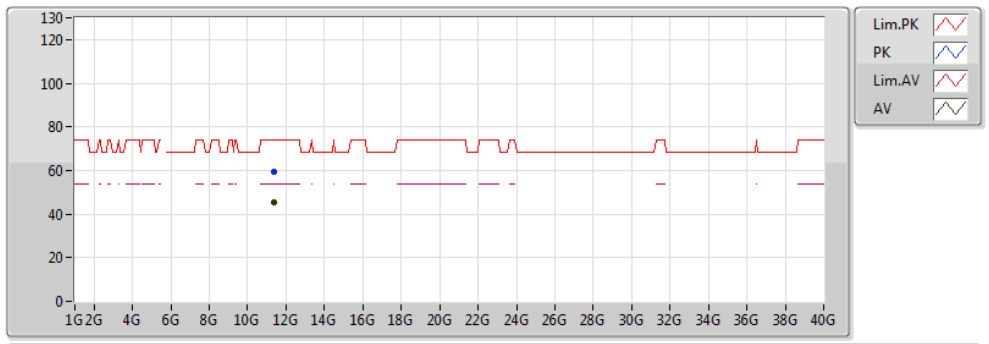
RE TX above 1GHz;Band:5.6G;VHT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:5700MHz;TX




20161029
EUT X_1TX_ANT1_PIFA
Setting_53
06-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 | 11.39046G | 45.37 | 54.00 | -8.63 | 17.87 | 3 | V | 232 | 1.97 | - |
| PK | 11.3937G | 59.52 | 74.00 | -14.48 | 17.87 | 3 | V | 232 | 1.97 | - |

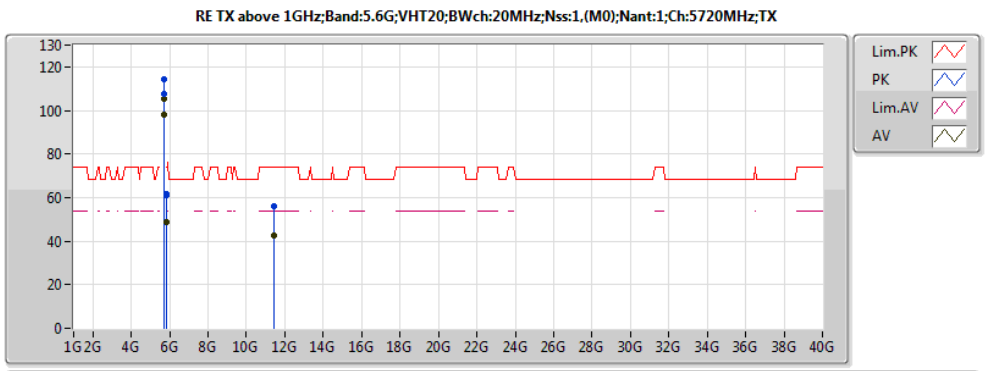
RE TX above 1GHz;Band:5.6G;VHT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:5700MHz;TX




20161029
EUT X_1TX_ANT1_PIFA
Setting_53
06-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 | 11.38572G | 45.41 | 54.00 | -8.59 | 17.87 | 3 | H | 295 | 1.51 | - |
| PK | 11.39904G | 59.58 | 74.00 | -14.42 | 17.86 | 3 | H | 295 | 1.51 | - |

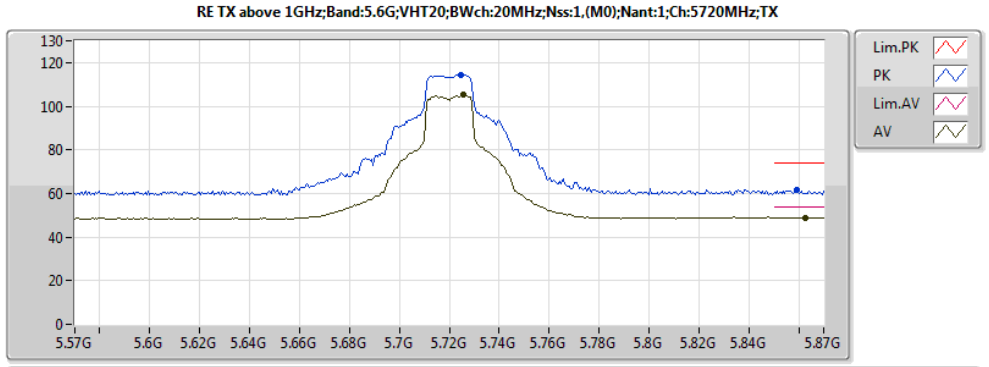
RE TX above 1GHz;Band:5.6G;VHT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:5720MHz;TX




20161113
EUT X_1TX_ANT1_PIFA
Setting_57
02-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 | 5.7146G | 98.28 | Inf | -Inf | 10.72 | 3 | H | 58 | 1.52 | - |
| AV | 5.8616G | 48.86 | 54.00 | -5.14 | 10.95 | 3 | H | 58 | 1.52 | - |
| PK | 5.7152G | 107.34 | Inf | -Inf | 10.72 | 3 | H | 58 | 1.52 | - |
| PK | 5.8616G | 61.21 | 74.00 | -12.79 | 10.95 | 3 | H | 58 | 1.52 | - |
| AV | 5.7254G | 105.16 | Inf | -Inf | 10.74 | 3 | V | 22 | 1.50 | - |
| AV | 5.8628G | 49.01 | 54.00 | -4.99 | 10.96 | 3 | V | 22 | 1.50 | - |
| PK | 5.7248G | 114.58 | Inf | -Inf | 10.74 | 3 | V | 22 | 1.50 | - |
| PK | 5.8592G | 61.79 | 74.00 | -12.21 | 10.95 | 3 | V | 22 | 1.50 | - |
| AV | 11.43636G | 42.38 | 54.00 | -11.62 | 14.99 | 3 | H | 274 | 2.05 | - |
| PK | 11.4438G | 56.29 | 74.00 | -17.71 | 15.00 | 3 | H | 274 | 2.05 | - |
| AV | 11.43956G | 42.74 | 54.00 | -11.26 | 14.99 | 3 | V | 28 | 1.50 | - |
| PK | 11.4434G | 56.30 | 74.00 | -17.70 | 15.00 | 3 | V | 28 | 1.50 | - |

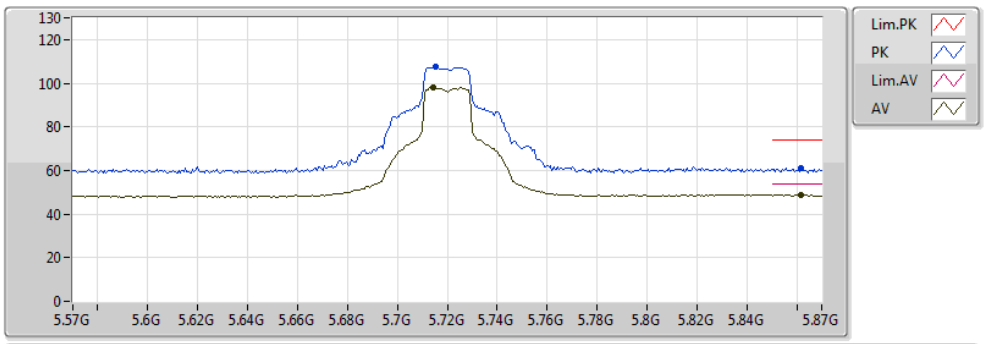
RE TX above 1GHz;Band:5.6G;VHT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:5720MHz;TX




201611112
EUT X_1TX_ANT1_PIFA
Setting_57
02-S-5-10

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 5.7254G | 105.16 | Inf | -Inf | 10.74 | 3 | V | 22 | 1.50 | - |
| AV | 5.8628G | 49.01 | 54.00 | -4.99 | 10.96 | 3 | V | 22 | 1.50 | - |
| PK | 5.7248G | 114.58 | Inf | -Inf | 10.74 | 3 | V | 22 | 1.50 | - |
| PK | 5.8592G | 61.79 | 74.00 | -12.21 | 10.95 | 3 | V | 22 | 1.50 | - |

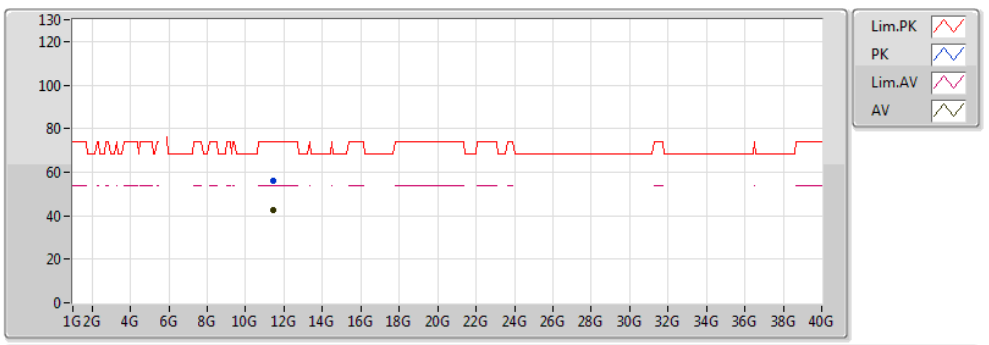
RE TX above 1GHz;Band:5.6G;VHT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:5720MHz;TX




201611112
EUT X_1TX_ANT1_PIFA
Setting_57
02-S-5-10

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 5.7146G | 98.28 | Inf | -Inf | 10.72 | 3 | H | 58 | 1.52 | - |
| AV | 5.8616G | 48.86 | 54.00 | -5.14 | 10.95 | 3 | H | 58 | 1.52 | - |
| PK | 5.7152G | 107.34 | Inf | -Inf | 10.72 | 3 | H | 58 | 1.52 | - |
| PK | 5.8616G | 61.21 | 74.00 | -12.79 | 10.95 | 3 | H | 58 | 1.52 | - |

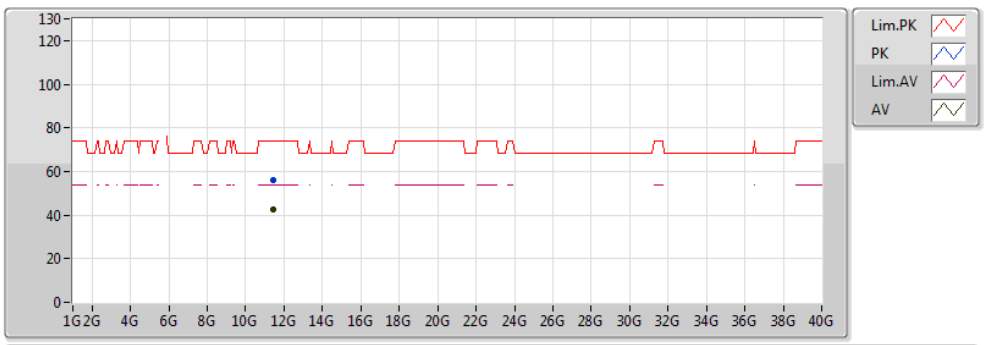
RE TX above 1GHz;Band:5.6G;VHT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:5720MHz;TX




20161113
EUT X_1TX_ANT1_PIFA
Setting_57
02-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 | 11.43956G | 42.74 | 54.00 | -11.26 | 14.99 | 3 | V | 28 | 1.50 | - |
| PK | 11.4434G | 56.30 | 74.00 | -17.70 | 15.00 | 3 | V | 28 | 1.50 | - |

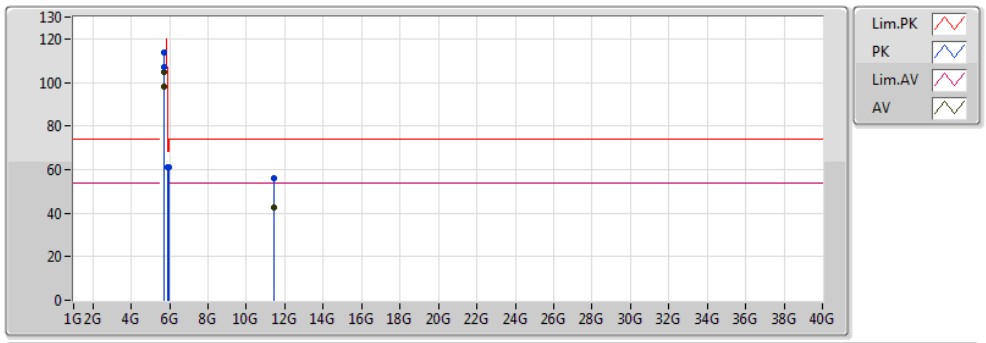
RE TX above 1GHz;Band:5.6G;VHT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:5720MHz;TX




20161113
EUT X_1TX_ANT1_PIFA
Setting_57
02-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 | 11.43636G | 42.38 | 54.00 | -11.62 | 14.99 | 3 | H | 274 | 2.05 | - |
| PK | 11.4438G | 56.29 | 74.00 | -17.71 | 15.00 | 3 | H | 274 | 2.05 | - |

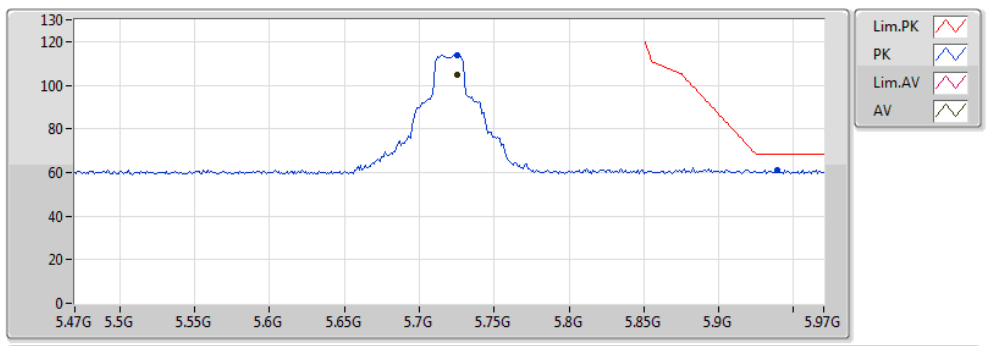
RE TX above 1GHz;Band:5.8G;VHT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:5720MHz;TX




20161113
EUT X_1TX_ANT1_PIFA
Setting_57
02-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 | 5.714G | 98.06 | Inf | -Inf | 10.72 | 3 | H | 58 | 1.52 | - |
| PK | 5.716G | 107.09 | Inf | -Inf | 10.72 | 3 | H | 58 | 1.52 | - |
| PK | 5.928G | 61.20 | 68.20 | -7.00 | 11.03 | 3 | H | 58 | 1.52 | - |
| AV | 5.725G | 104.75 | Inf | -Inf | 10.74 | 3 | V | 22 | 1.50 | - |
| PK | 5.725G | 113.84 | Inf | -Inf | 10.74 | 3 | V | 22 | 1.50 | - |
| PK | 5.939G | 61.20 | 68.20 | -7.00 | 11.04 | 3 | V | 22 | 1.50 | - |
| AV | 11.43636G | 42.38 | 54.00 | -11.62 | 14.99 | 3 | H | 274 | 2.05 | - |
| PK | 11.4438G | 56.29 | 74.00 | -17.71 | 15.00 | 3 | H | 274 | 2.05 | - |
| AV | 11.43956G | 42.74 | 54.00 | -11.26 | 14.99 | 3 | V | 28 | 1.50 | - |
| PK | 11.4434G | 56.30 | 74.00 | -17.70 | 15.00 | 3 | V | 28 | 1.50 | - |

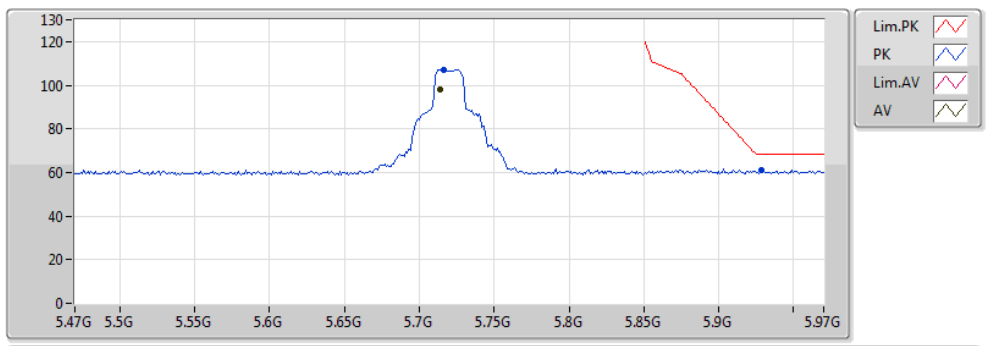
RE TX above 1GHz;Band:5.8G;VHT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:5720MHz;TX




20161112
EUT X_1TX_ANT1_PIFA
Setting_57
02-S-5-10

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 5.725G | 104.75 | Inf | -Inf | 10.74 | 3 | V | 22 | 1.50 | - |
| PK | 5.725G | 113.84 | Inf | -Inf | 10.74 | 3 | V | 22 | 1.50 | - |
| PK | 5.939G | 61.20 | 68.20 | -7.00 | 11.04 | 3 | V | 22 | 1.50 | - |

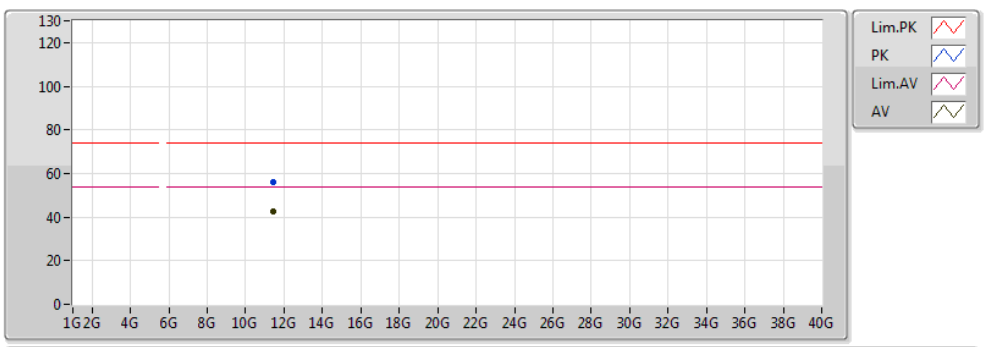
RE TX above 1GHz;Band:5.8G;VHT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:5720MHz;TX




20161112
EUT X_1TX_ANT1_PIFA
Setting_57
02-S-5-10

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 5.714G | 98.06 | Inf | -Inf | 10.72 | 3 | H | 58 | 1.52 | - |
| PK | 5.716G | 107.09 | Inf | -Inf | 10.72 | 3 | H | 58 | 1.52 | - |
| PK | 5.928G | 61.20 | 68.20 | -7.00 | 11.03 | 3 | H | 58 | 1.52 | - |

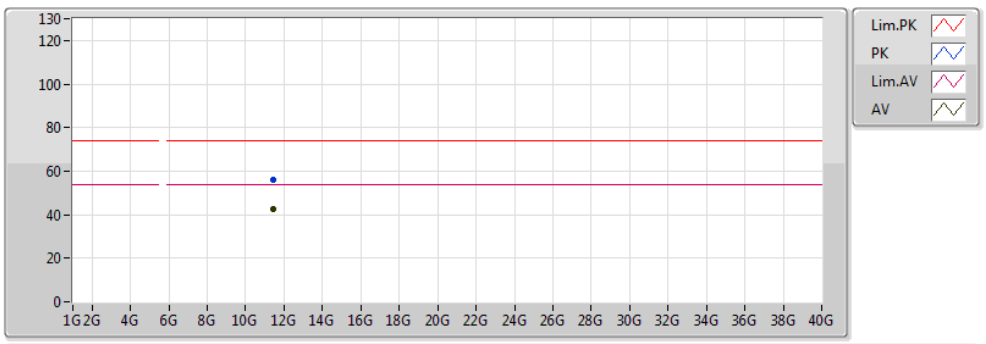
RE TX above 1GHz;Band:5.8G;VHT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:5720MHz;TX




20161113
EUT X_1TX_ANT1_PIFA
Setting_57
02-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 | 11.43956G | 42.74 | 54.00 | -11.26 | 14.99 | 3 | V | 28 | 1.50 | - |
| PK | 11.4434G | 56.30 | 74.00 | -17.70 | 15.00 | 3 | V | 28 | 1.50 | - |

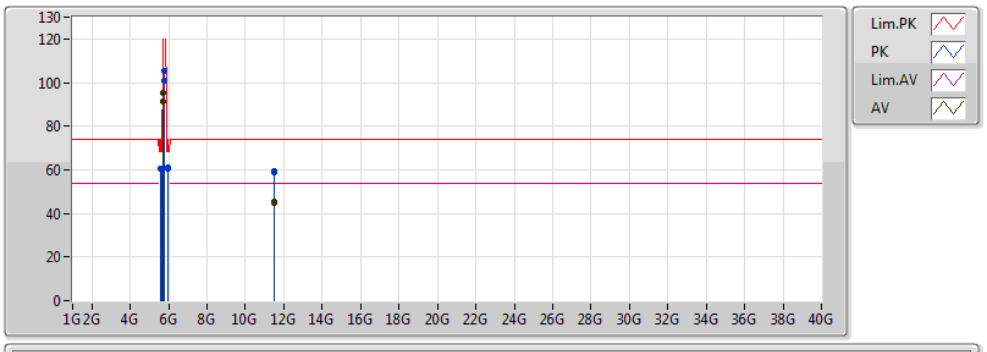
RE TX above 1GHz;Band:5.8G;VHT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:5720MHz;TX




20161113
EUT X_1TX_ANT1_PIFA
Setting_57
02-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 | 11.43636G | 42.38 | 54.00 | -11.62 | 14.99 | 3 | H | 274 | 2.05 | - |
| PK | 11.4438G | 56.29 | 74.00 | -17.71 | 15.00 | 3 | H | 274 | 2.05 | - |

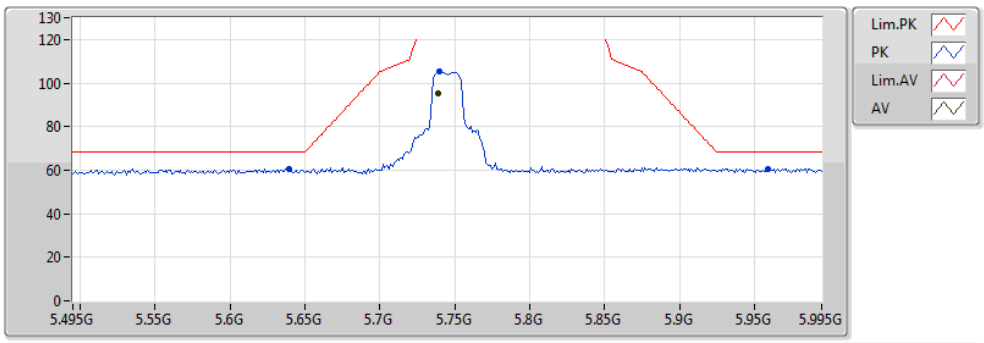
RE TX above 1GHz;Band:5.8G;VHT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:5745MHz;TX




20161029
EUT X_1TX_ANT1_PIFA
Setting_53
06-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 | 5.739G | 91.24 | Inf | -Inf | 8.91 | 3 | H | 229 | 1.57 | - |
| PK | 5.597G | 60.60 | 68.20 | -7.60 | 8.85 | 3 | H | 50 | 1.69 | - |
| PK | 5.74G | 101.02 | Inf | -Inf | 8.91 | 3 | H | 229 | 1.57 | - |
| PK | 5.955G | 61.31 | 68.20 | -6.89 | 9.40 | 3 | H | 50 | 1.69 | - |
| AV | 5.739G | 95.47 | Inf | -Inf | 8.91 | 3 | V | 109 | 1.96 | - |
| PK | 5.639G | 60.63 | 68.20 | -7.57 | 8.88 | 3 | V | 109 | 1.96 | - |
| PK | 5.74G | 105.27 | Inf | -Inf | 8.91 | 3 | V | 109 | 1.96 | - |
| PK | 5.959G | 60.76 | 68.20 | -7.44 | 9.41 | 3 | V | 109 | 1.96 | - |
| AV | 11.50452G | 45.27 | 54.00 | -8.73 | 17.77 | 3 | H | 189 | 1.24 | - |
| PK | 11.48376G | 59.47 | 74.00 | -14.53 | 17.79 | 3 | H | 189 | 1.24 | - |
| AV | 11.50182G | 45.09 | 54.00 | -8.91 | 17.77 | 3 | V | 53 | 1.75 | - |
| PK | 11.48478G | 58.85 | 74.00 | -15.15 | 17.79 | 3 | V | 53 | 1.75 | - |

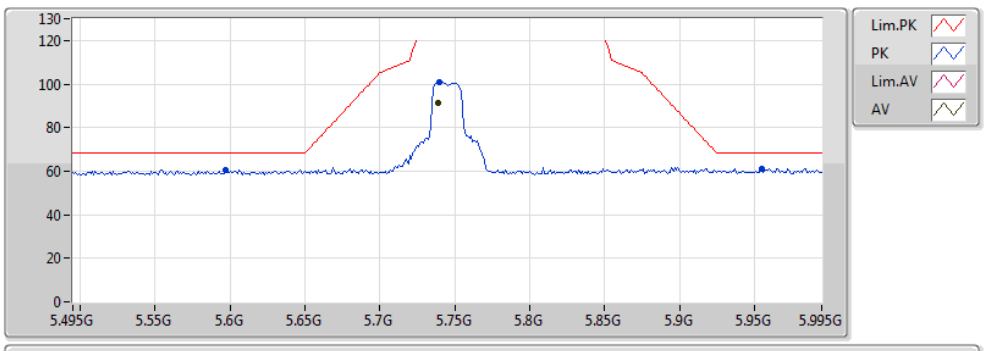
RE TX above 1GHz;Band:5.8G;VHT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:5745MHz;TX




20161029
EUT X_1TX_ANT1_PIFA
Setting_53
06-J-4-10

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 5.739G | 95.47 | Inf | -Inf | 8.91 | 3 | V | 109 | 1.96 | - |
| PK | 5.639G | 60.63 | 68.20 | -7.57 | 8.88 | 3 | V | 109 | 1.96 | - |
| PK | 5.74G | 105.27 | Inf | -Inf | 8.91 | 3 | V | 109 | 1.96 | - |
| PK | 5.959G | 60.76 | 68.20 | -7.44 | 9.41 | 3 | V | 109 | 1.96 | - |

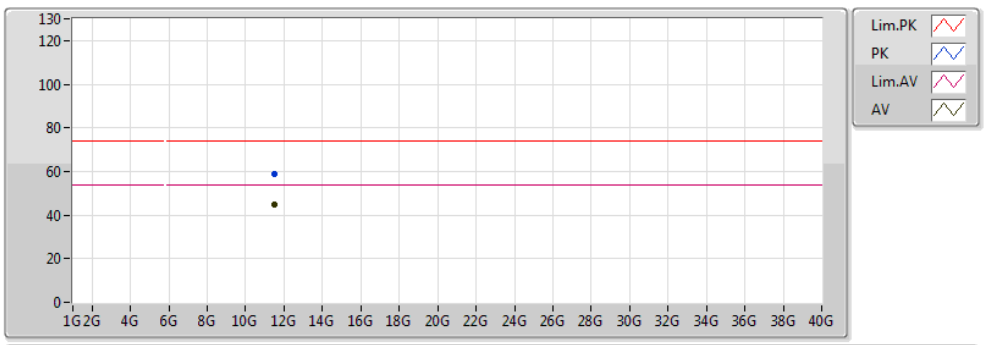
RE TX above 1GHz;Band:5.8G;VHT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:5745MHz;TX




20161029
EUT X_1TX_ANT1_PIFA
Setting_53
06-J-4-10

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 5.739G | 91.24 | Inf | -Inf | 8.91 | 3 | H | 229 | 1.57 | - |
| PK | 5.74G | 101.02 | Inf | -Inf | 8.91 | 3 | H | 229 | 1.57 | - |
| PK | 5.955G | 61.31 | 68.20 | -6.89 | 9.40 | 3 | H | 50 | 1.69 | - |
| PK | 5.597G | 60.60 | 68.20 | -7.60 | 8.85 | 3 | H | 50 | 1.69 | - |

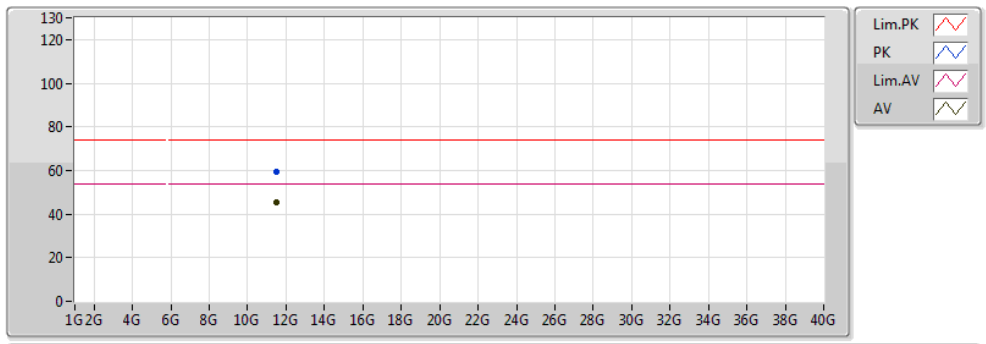
RE TX above 1GHz;Band:5.8G;VHT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:5745MHz;TX




20161029
EUT X_1TX_ANT1_PIFA
Setting_53
06-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 | 11.50182G | 45.09 | 54.00 | -8.91 | 17.77 | 3 | V | 53 | 1.75 | - |
| PK | 11.48478G | 58.85 | 74.00 | -15.15 | 17.79 | 3 | V | 53 | 1.75 | - |

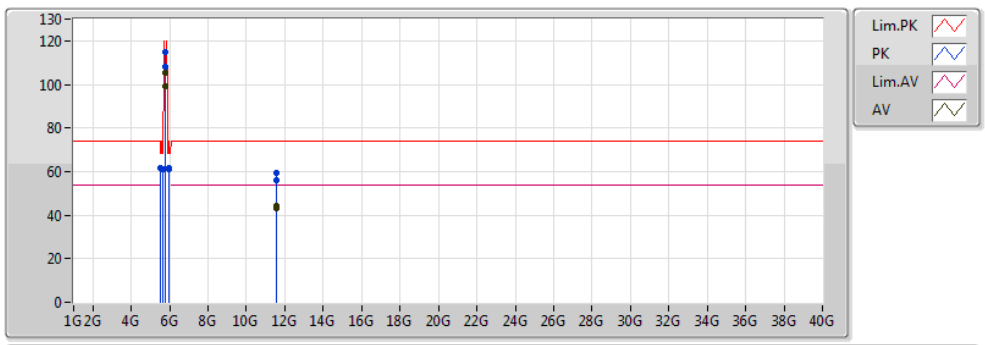
RE TX above 1GHz;Band:5.8G;VHT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:5745MHz;TX




20161029
EUT X_1TX_ANT1_PIFA
Setting_53
06-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 | 11.50452G | 45.27 | 54.00 | -8.73 | 17.77 | 3 | H | 189 | 1.24 | - |
| PK | 11.48376G | 59.47 | 74.00 | -14.53 | 17.79 | 3 | H | 189 | 1.24 | - |

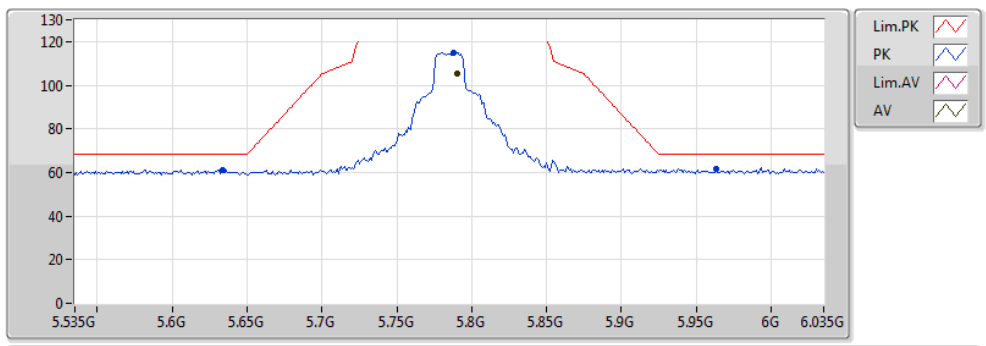
RE TX above 1GHz;Band:5.8G;VHT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:5785MHz;TX




20161113
EUT X_1TX_ANT1_PIFA
Setting_57
02-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 | 5.79G | 99.12 | Inf | -Inf | 10.86 | 3 | H | 58 | 1.76 | - |
| PK | 5.543G | 61.62 | 68.20 | -6.58 | 10.43 | 3 | H | 58 | 1.76 | - |
| PK | 5.79G | 108.00 | Inf | -Inf | 10.86 | 3 | H | 58 | 1.76 | - |
| PK | 5.935G | 61.11 | 68.20 | -7.09 | 11.04 | 3 | H | 58 | 1.76 | - |
| AV | 5.79G | 105.56 | Inf | -Inf | 10.86 | 3 | V | 24 | 1.55 | - |
| PK | 5.634G | 61.00 | 68.20 | -7.20 | 10.56 | 3 | V | 24 | 1.55 | - |
| PK | 5.788G | 114.83 | Inf | -Inf | 10.86 | 3 | V | 24 | 1.55 | - |
| PK | 5.963G | 61.46 | 68.20 | -6.74 | 11.06 | 3 | V | 24 | 1.55 | - |
| AV | 11.5786G | 42.91 | 54.00 | -11.09 | 15.17 | 3 | H | 49 | 2.99 | - |
| PK | 11.57896G | 56.21 | 74.00 | -17.79 | 15.17 | 3 | H | 49 | 2.99 | - |
| AV | 11.5704G | 44.52 | 54.00 | -9.48 | 15.16 | 3 | V | 14 | 1.67 | - |
| PK | 11.56964G | 59.35 | 74.00 | -14.65 | 15.16 | 3 | V | 14 | 1.67 | - |

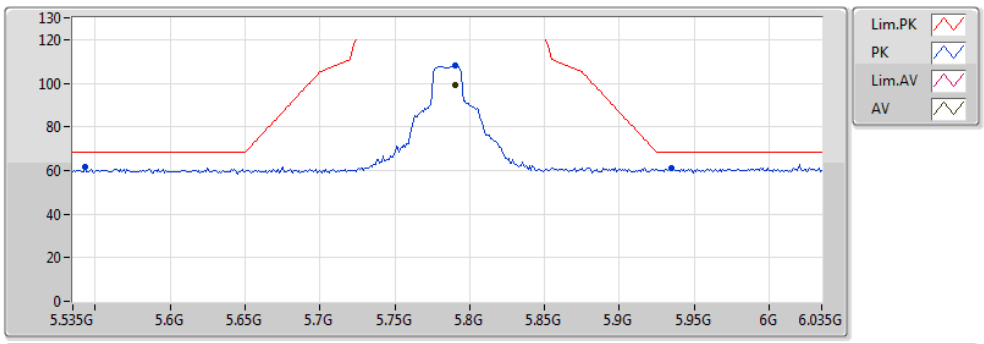
RE TX above 1GHz;Band:5.8G;VHT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:5785MHz;TX




20161112
EUT X_1TX_ANT1_PIFA
Setting_57
02-S-5-10

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 5.79G | 105.56 | Inf | -Inf | 10.86 | 3 | V | 24 | 1.55 | - |
| PK | 5.634G | 61.00 | 68.20 | -7.20 | 10.56 | 3 | V | 24 | 1.55 | - |
| PK | 5.788G | 114.83 | Inf | -Inf | 10.86 | 3 | V | 24 | 1.55 | - |
| PK | 5.963G | 61.46 | 68.20 | -6.74 | 11.06 | 3 | V | 24 | 1.55 | - |

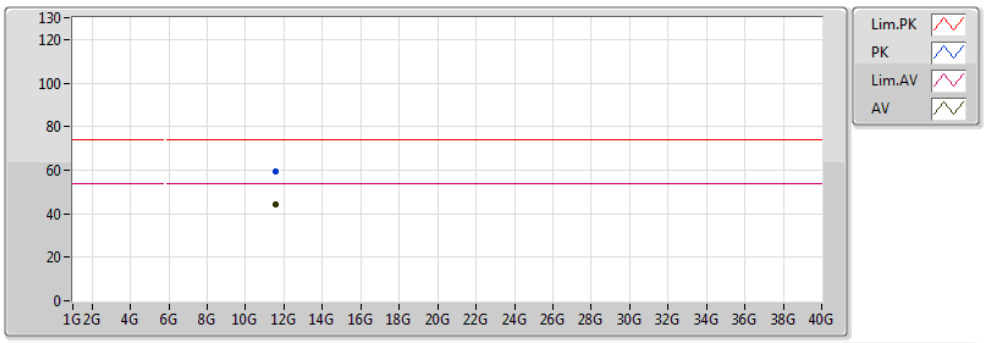
RE TX above 1GHz;Band:5.8G;VHT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:5785MHz;TX




20161112
EUT X_1TX_ANT1_PIFA
Setting_57
02-S-5-10

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 5.79G | 99.12 | Inf | -Inf | 10.86 | 3 | H | 58 | 1.76 | - |
| PK | 5.543G | 61.62 | 68.20 | -6.58 | 10.43 | 3 | H | 58 | 1.76 | - |
| PK | 5.79G | 108.00 | Inf | -Inf | 10.86 | 3 | H | 58 | 1.76 | - |
| PK | 5.935G | 61.11 | 68.20 | -7.09 | 11.04 | 3 | H | 58 | 1.76 | - |

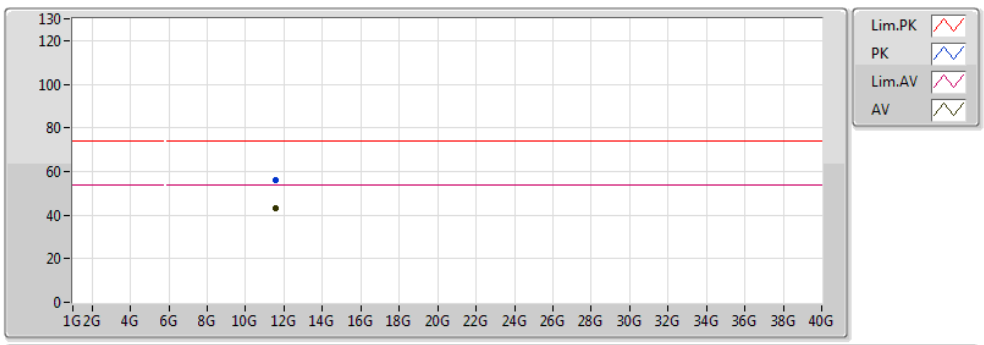
RE TX above 1GHz;Band:5.8G;VHT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:5785MHz;TX




20161113
EUT X_1TX_ANT1_PIFA
Setting_57
02-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 | 11.5704G | 44.52 | 54.00 | -9.48 | 15.16 | 3 | V | 14 | 1.67 | - |
| PK | 11.56964G | 59.35 | 74.00 | -14.65 | 15.16 | 3 | V | 14 | 1.67 | - |

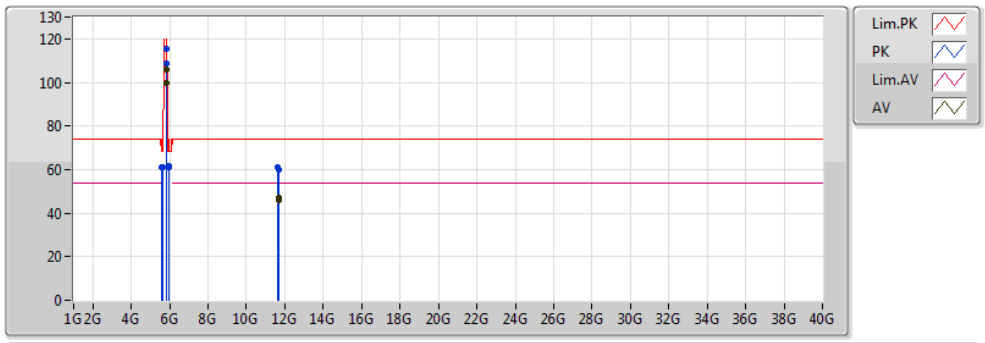
RE TX above 1GHz;Band:5.8G;VHT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:5785MHz;TX




20161113
EUT X_1TX_ANT1_PIFA
Setting_57
02-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 | 11.5786G | 42.91 | 54.00 | -11.09 | 15.17 | 3 | H | 49 | 2.99 | - |
| PK | 11.57896G | 56.21 | 74.00 | -17.79 | 15.17 | 3 | H | 49 | 2.99 | - |

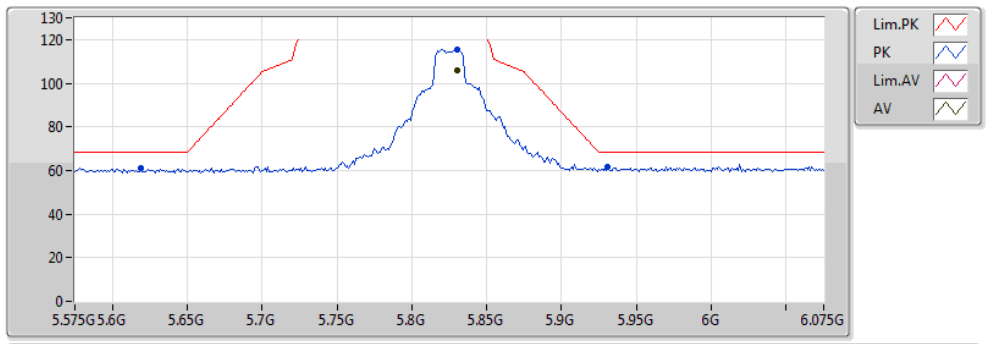
RE TX above 1GHz;Band:5.8G;VHT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:5825MHz;TX




20161113
EUT X_1TX_ANT1_PIFA
Setting_57
02-S-5-10

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 5.819G | 99.62 | Inf | -Inf | 10.90 | 3 | H | 58 | 1.65 | - |
| PK | 5.589G | 61.33 | 68.20 | -6.87 | 10.49 | 3 | H | 58 | 1.65 | - |
| PK | 5.82G | 108.82 | Inf | -Inf | 10.90 | 3 | H | 58 | 1.65 | - |
| PK | 5.977G | 61.19 | 68.20 | -7.01 | 11.08 | 3 | H | 58 | 1.65 | - |
| AV | 5.83G | 106.13 | Inf | -Inf | 10.92 | 3 | V | 26 | 1.63 | - |
| PK | 5.619G | 61.31 | 68.20 | -6.89 | 10.54 | 3 | V | 26 | 1.63 | - |
| PK | 5.83G | 115.41 | Inf | -Inf | 10.92 | 3 | V | 26 | 1.63 | - |
| PK | 5.931G | 61.69 | 68.20 | -6.51 | 11.03 | 3 | V | 26 | 1.63 | - |
| AV | 11.66422G | 46.10 | 54.00 | -7.90 | 17.63 | 3 | H | 166 | 1.28 | - |
| PK | 11.65744G | 60.02 | 74.00 | -13.98 | 17.64 | 3 | H | 166 | 1.28 | - |
| AV | 11.65852G | 46.86 | 54.00 | -7.14 | 17.64 | 3 | V | 272 | 2.33 | - |
| PK | 11.6533G | 60.90 | 74.00 | -13.10 | 17.64 | 3 | V | 272 | 2.33 | - |

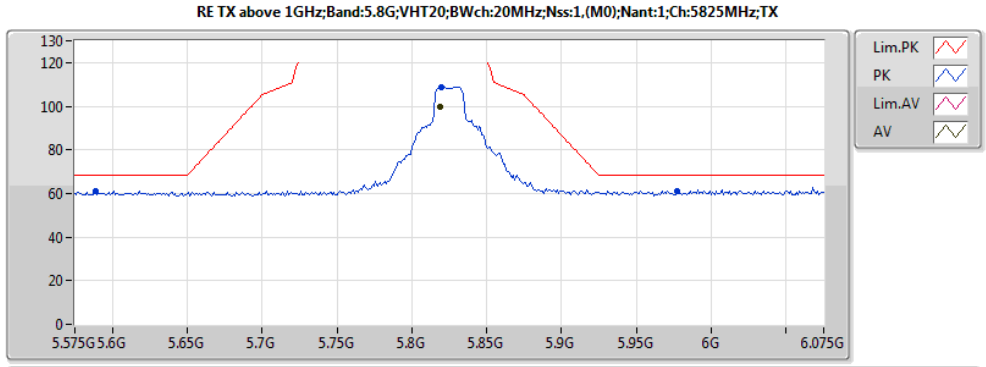
RE TX above 1GHz;Band:5.8G;VHT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:5825MHz;TX




20161113
EUT X_1TX_ANT1_PIFA
Setting_57
02-S-5-10

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 5.83G | 106.13 | Inf | -Inf | 10.92 | 3 | V | 26 | 1.63 | - |
| PK | 5.619G | 61.31 | 68.20 | -6.89 | 10.54 | 3 | V | 26 | 1.63 | - |
| PK | 5.83G | 115.41 | Inf | -Inf | 10.92 | 3 | V | 26 | 1.63 | - |
| PK | 5.931G | 61.69 | 68.20 | -6.51 | 11.03 | 3 | V | 26 | 1.63 | - |

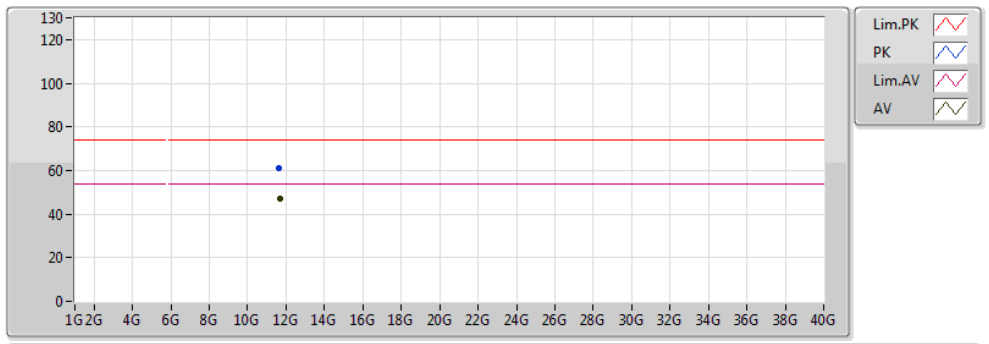
RE TX above 1GHz;Band:5.8G;VHT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:5825MHz;TX




20161113
EUT X_1TX_ANT1_PIFA
Setting_57
02-S-5-10

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 5.819G | 99.62 | Inf | -Inf | 10.90 | 3 | H | 58 | 1.65 | - |
| PK | 5.589G | 61.33 | 68.20 | -6.87 | 10.49 | 3 | H | 58 | 1.65 | - |
| PK | 5.82G | 108.82 | Inf | -Inf | 10.90 | 3 | H | 58 | 1.65 | - |
| PK | 5.977G | 61.19 | 68.20 | -7.01 | 11.08 | 3 | H | 58 | 1.65 | - |

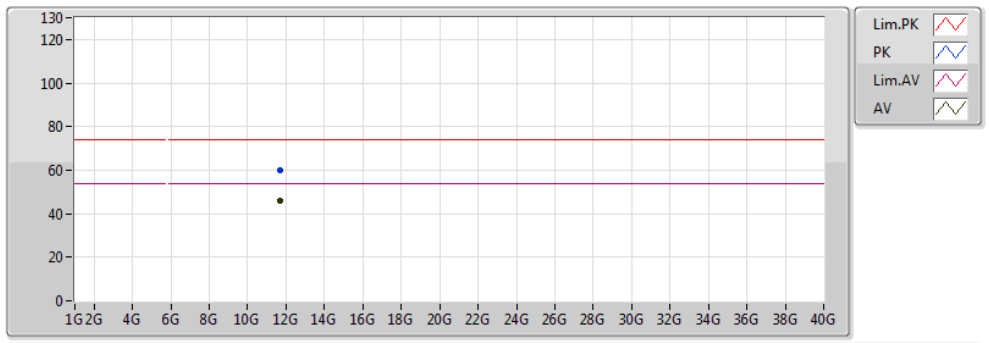
RE TX above 1GHz;Band:5.8G;VHT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:5825MHz;TX




20161029
EUT X_1TX_ANT1_PIFA
Setting_57
06-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 | 11.65852G | 46.86 | 54.00 | -7.14 | 17.64 | 3 | V | 272 | 2.33 | - |
| PK | 11.6533G | 60.90 | 74.00 | -13.10 | 17.64 | 3 | V | 272 | 2.33 | - |

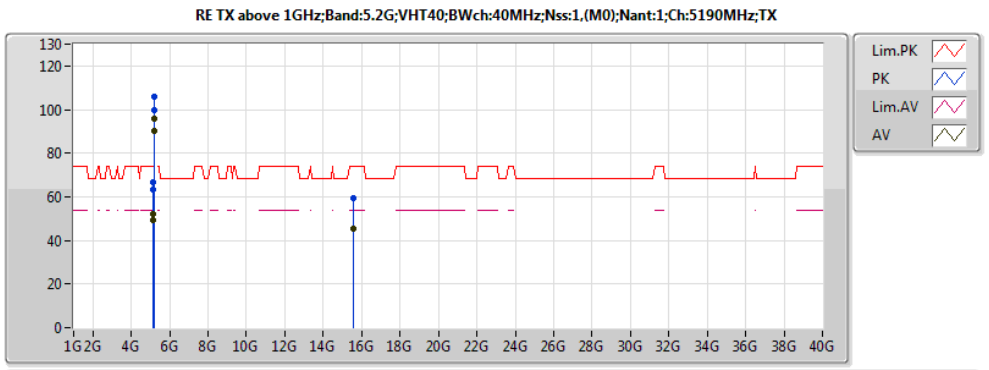
RE TX above 1GHz;Band:5.8G;VHT20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:5825MHz;TX




20161029
EUT X_1TX_ANT1_PIFA
Setting_57
06-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 | 11.66422G | 46.10 | 54.00 | -7.90 | 17.63 | 3 | H | 166 | 1.28 | - |
| PK | 11.65744G | 60.02 | 74.00 | -13.98 | 17.64 | 3 | H | 166 | 1.28 | - |

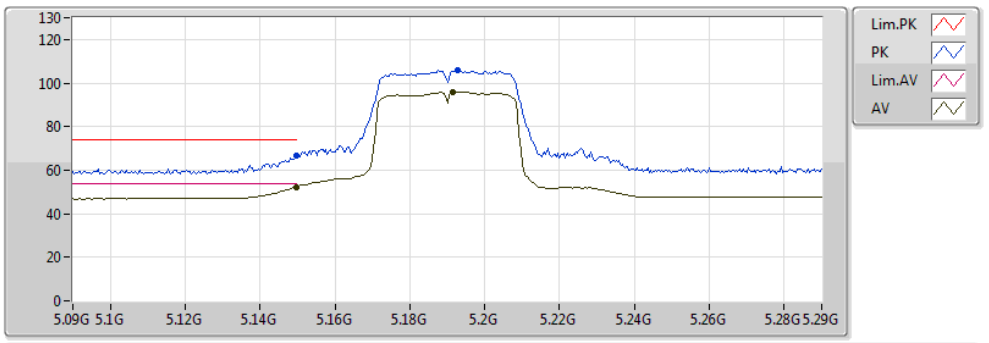
RE TX above 1GHz;Band:5.2G;VHT40;BWch:40MHz;Nss:1,(M0);Nant:1;Ch:5190MHz;TX




20161028
EUT X_1TX_ANT1_PIFA
Setting_38
02-N-2-10

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 5.1496G | 49.25 | 54.00 | -4.75 | 9.04 | 3 | H | 34 | 2.15 | - |
| AV | 5.188G | 90.22 | Inf | -Inf | 9.19 | 3 | H | 34 | 2.15 | - |
| PK | 5.1496G | 63.07 | 74.00 | -10.93 | 9.04 | 3 | H | 34 | 2.15 | - |
| PK | 5.188G | 100.02 | Inf | -Inf | 9.19 | 3 | H | 34 | 2.15 | - |
| AV | 5.1496G | 52.31 | 54.00 | -1.69 | 9.04 | 3 | V | 1 | 1.69 | - |
| AV | 5.1916G | 96.07 | Inf | -Inf | 9.21 | 3 | V | 1 | 1.69 | - |
| PK | 5.1496G | 66.61 | 74.00 | -7.39 | 9.04 | 3 | V | 1 | 1.69 | - |
| PK | 5.1928G | 106.10 | Inf | -Inf | 9.21 | 3 | V | 1 | 1.69 | - |
| AV | 15.57692G | 45.28 | 54.00 | -8.72 | 17.03 | 3 | H | 12 | 1.80 | - |
| PK | 15.5778G | 59.21 | 74.00 | -14.79 | 17.03 | 3 | H | 12 | 1.80 | - |
| AV | 15.57708G | 45.11 | 54.00 | -8.89 | 17.03 | 3 | V | 9 | 1.50 | - |
| PK | 15.57192G | 59.39 | 74.00 | -14.61 | 17.04 | 3 | V | 9 | 1.50 | - |

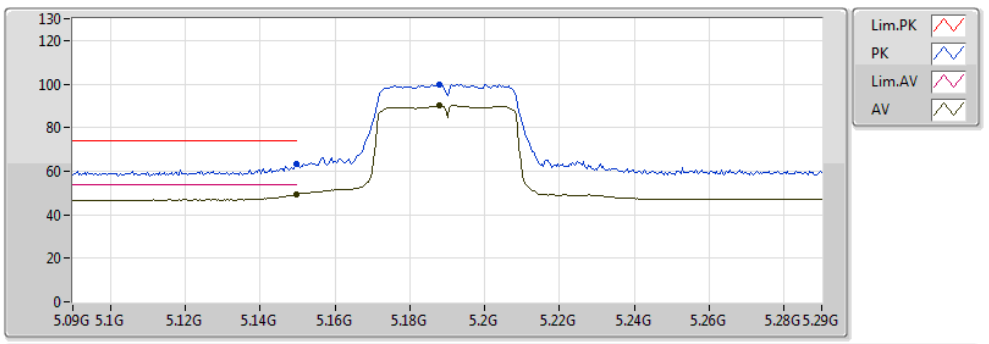
RE TX above 1GHz;Band:5.2G;VHT40;BWch:40MHz;Nss:1,(M0);Nant:1;Ch:5190MHz;TX




20161111
EUT X_1TX_ANT1_PIFA
Setting_38
02-N-2-10

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 5.1496G | 52.31 | 54.00 | -1.69 | 9.04 | 3 | V | 1 | 1.69 | - |
| AV | 5.1916G | 96.07 | Inf | -Inf | 9.21 | 3 | V | 1 | 1.69 | - |
| PK | 5.1496G | 66.61 | 74.00 | -7.39 | 9.04 | 3 | V | 1 | 1.69 | - |
| PK | 5.1928G | 106.10 | Inf | -Inf | 9.21 | 3 | V | 1 | 1.69 | - |

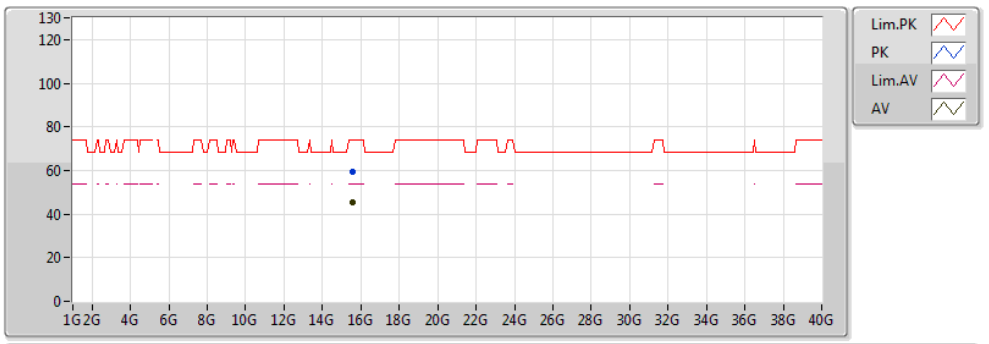
RE TX above 1GHz;Band:5.2G;VHT40;BWch:40MHz;Nss:1,(M0);Nant:1;Ch:5190MHz;TX




20161111
EUT X_1TX_ANT1_PIFA
Setting_38
02-N-2-10

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 5.1496G | 49.25 | 54.00 | -4.75 | 9.04 | 3 | H | 34 | 2.15 | - |
| AV | 5.188G | 90.22 | Inf | -Inf | 9.19 | 3 | H | 34 | 2.15 | - |
| PK | 5.1496G | 63.07 | 74.00 | -10.93 | 9.04 | 3 | H | 34 | 2.15 | - |
| PK | 5.188G | 100.02 | Inf | -Inf | 9.19 | 3 | H | 34 | 2.15 | - |

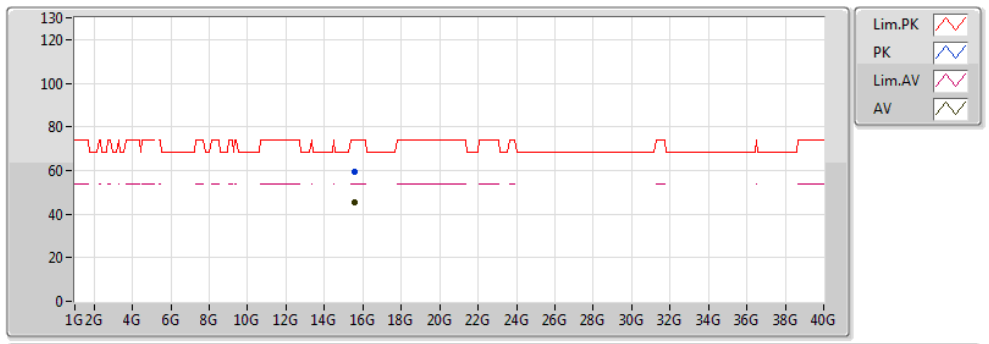
RE TX above 1GHz;Band:5.2G;VHT40;BWch:40MHz;Nss:1,(M0);Nant:1;Ch:5190MHz;TX




20161113
EUT X_1TX_ANT1_PIFA
Setting_38
02-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 | 15.57708G | 45.11 | 54.00 | -8.89 | 17.03 | 3 | V | 9 | 1.50 | - |
| PK | 15.57192G | 59.39 | 74.00 | -14.61 | 17.04 | 3 | V | 9 | 1.50 | - |

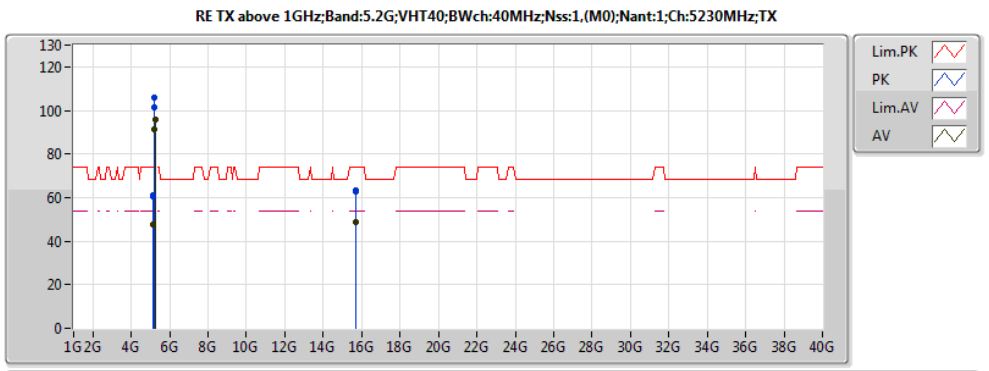
RE TX above 1GHz;Band:5.2G;VHT40;BWch:40MHz;Nss:1,(M0);Nant:1;Ch:5190MHz;TX




20161113
EUT X_1TX_ANT1_PIFA
Setting_38
02-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 | 15.57692G | 45.28 | 54.00 | -8.72 | 17.03 | 3 | H | 12 | 1.80 | - |
| PK | 15.5778G | 59.21 | 74.00 | -14.79 | 17.03 | 3 | H | 12 | 1.80 | - |

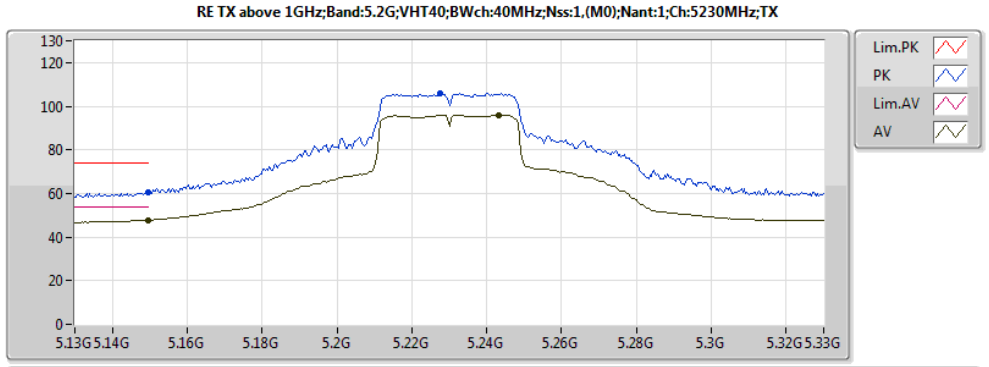
RE TX above 1GHz;Band:5.2G;VHT40;BWch:40MHz;Nss:1,(M0);Nant:1;Ch:5230MHz;TX




20161029
EUT X_1TX_ANT1_PIFA
Setting_52
06-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 | 5.1492G | 47.35 | 54.00 | -6.65 | 7.89 | 3 | H | 217 | 1.52 | - |
| AV | 5.228G | 91.37 | Inf | -Inf | 8.00 | 3 | H | 217 | 1.52 | - |
| AV | 15.68628G | 48.93 | 54.00 | -5.07 | 18.99 | 3 | H | 135 | 1.65 | - |
| PK | 5.1448G | 60.86 | 74.00 | -13.14 | 7.89 | 3 | H | 217 | 1.52 | - |
| PK | 5.228G | 101.49 | Inf | -Inf | 8.00 | 3 | H | 217 | 1.52 | - |
| PK | 15.69774G | 62.89 | 74.00 | -11.11 | 18.96 | 3 | H | 135 | 1.65 | - |
| AV | 5.1496G | 47.73 | 54.00 | -6.27 | 7.89 | 3 | V | 107 | 1.57 | - |
| AV | 5.2432G | 96.06 | Inf | -Inf | 8.03 | 3 | V | 107 | 1.57 | - |
| AV | 15.67872G | 48.98 | 54.00 | -5.02 | 19.02 | 3 | V | 173 | 1.15 | - |
| PK | 5.1496G | 60.63 | 74.00 | -13.37 | 7.89 | 3 | V | 107 | 1.57 | - |
| PK | 5.2276G | 106.07 | Inf | -Inf | 8.00 | 3 | V | 107 | 1.57 | - |
| PK | 15.69234G | 63.07 | 74.00 | -10.93 | 18.98 | 3 | V | 173 | 1.15 | - |

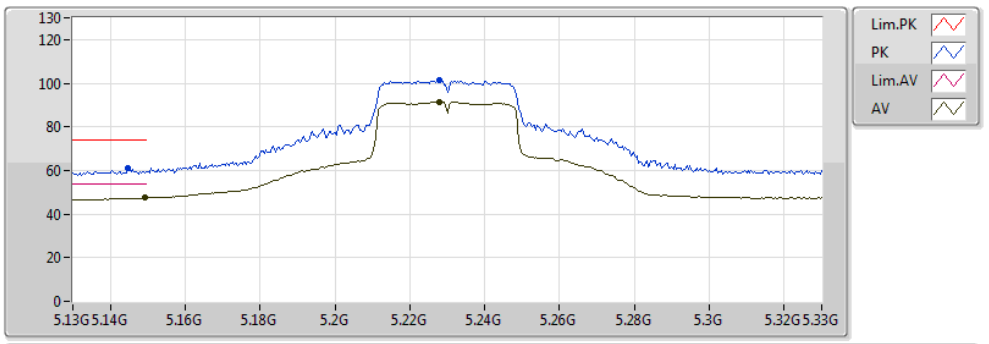
RE TX above 1GHz;Band:5.2G;VHT40;BWch:40MHz;Nss:1,(M0);Nant:1;Ch:5230MHz;TX




20161029
EUT X_1TX_ANT1_PIFA
Setting_52
06-J-4-10

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 5.1496G | 47.73 | 54.00 | -6.27 | 7.89 | 3 | V | 107 | 1.57 | - |
| AV | 5.2432G | 96.06 | Inf | -Inf | 8.03 | 3 | V | 107 | 1.57 | - |
| PK | 5.1496G | 60.63 | 74.00 | -13.37 | 7.89 | 3 | V | 107 | 1.57 | - |
| PK | 5.2276G | 106.07 | Inf | -Inf | 8.00 | 3 | V | 107 | 1.57 | - |

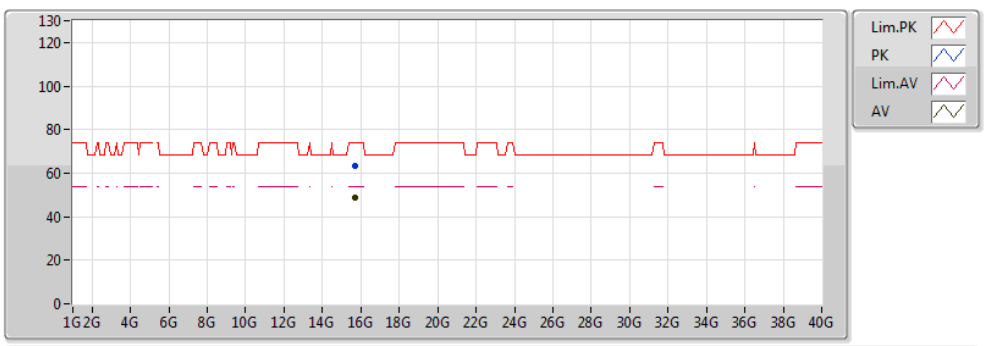
RE TX above 1GHz;Band:5.2G;VHT40;BWch:40MHz;Nss:1,(M0);Nant:1;Ch:5230MHz;TX




20161029
EUT X_1TX_ANT1_PIFA
Setting_52
06-J-4-10

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 5.1492G | 47.35 | 54.00 | -6.65 | 7.89 | 3 | H | 217 | 1.52 | - |
| AV | 5.228G | 91.37 | Inf | -Inf | 8.00 | 3 | H | 217 | 1.52 | - |
| PK | 5.1448G | 60.86 | 74.00 | -13.14 | 7.89 | 3 | H | 217 | 1.52 | - |
| PK | 5.228G | 101.49 | Inf | -Inf | 8.00 | 3 | H | 217 | 1.52 | - |

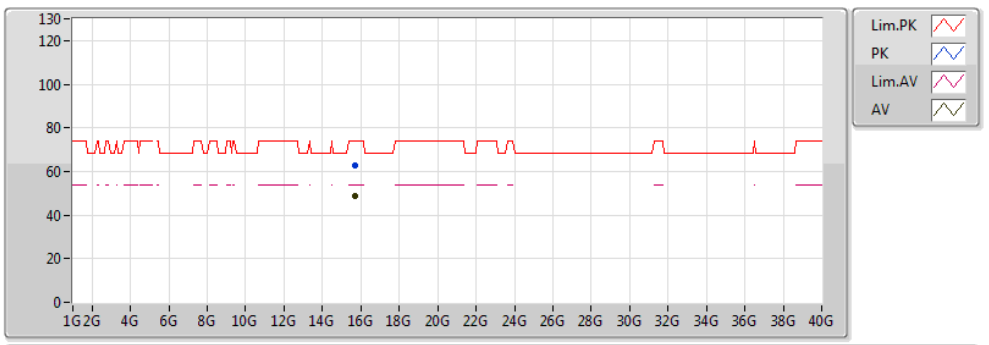
RE TX above 1GHz;Band:5.2G;VHT40;BWch:40MHz;Nss:1,(M0);Nant:1;Ch:5230MHz;TX




20161029
EUT X_1TX_ANT1_PIFA
Setting_52
06-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 | 15.67872G | 48.98 | 54.00 | -5.02 | 19.02 | 3 | V | 173 | 1.15 | - |
| PK | 15.69234G | 63.07 | 74.00 | -10.93 | 18.98 | 3 | V | 173 | 1.15 | - |

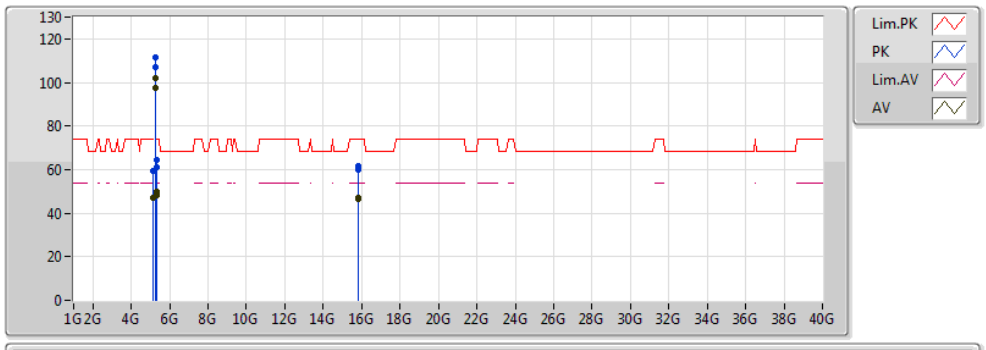
RE TX above 1GHz;Band:5.2G;VHT40;BWch:40MHz;Nss:1,(M0);Nant:1;Ch:5230MHz;TX




20161029
EUT X_1TX_ANT1_PIFA
Setting_52
06-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 | 15.68628G | 48.93 | 54.00 | -5.07 | 18.99 | 3 | H | 135 | 1.65 | - |
| PK | 15.69774G | 62.89 | 74.00 | -11.11 | 18.96 | 3 | H | 135 | 1.65 | - |

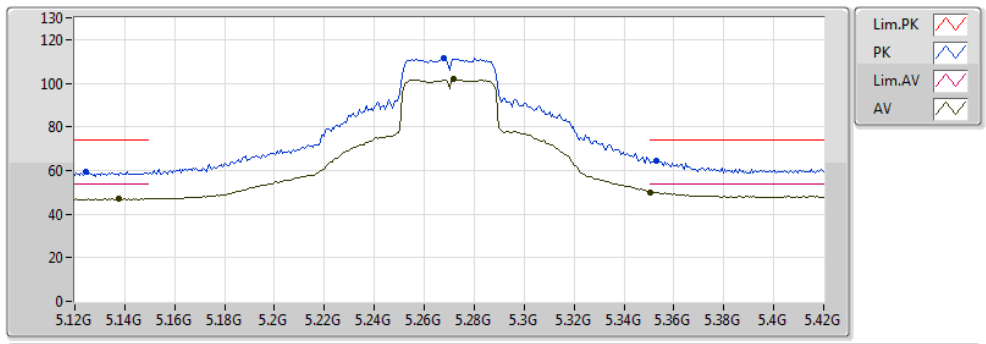
RE TX above 1GHz;Band:5.3G;VHT40;BWch:40MHz;Nss:1,(M0);Nant:1;Ch:5270MHz;TX




20161112
EUT X_1TX_ANT1_PIFA
Setting_57
02-S-5-10

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 5.1488G | 46.93 | 54.00 | -7.07 | 9.04 | 3 | H | 51 | 1.63 | - |
| AV | 5.2712G | 97.43 | Inf | -Inf | 9.52 | 3 | H | 51 | 1.63 | - |
| AV | 5.3528G | 48.16 | 54.00 | -5.84 | 9.83 | 3 | H | 51 | 1.63 | - |
| PK | 5.1344G | 59.36 | 74.00 | -14.64 | 8.98 | 3 | H | 51 | 1.63 | - |
| PK | 5.2676G | 107.12 | Inf | -Inf | 9.50 | 3 | H | 51 | 1.63 | - |
| PK | 5.3534G | 61.17 | 74.00 | -12.83 | 9.83 | 3 | H | 51 | 1.63 | - |
| AV | 5.1374G | 47.08 | 54.00 | -6.92 | 8.99 | 3 | V | 5 | 1.47 | - |
| AV | 5.2718G | 101.94 | Inf | -Inf | 9.52 | 3 | V | 5 | 1.47 | - |
| AV | 5.3504G | 50.06 | 54.00 | -3.94 | 9.82 | 3 | V | 5 | 1.47 | - |
| PK | 5.1242G | 59.51 | 74.00 | -14.49 | 8.94 | 3 | V | 5 | 1.47 | - |
| PK | 5.2676G | 111.44 | Inf | -Inf | 9.50 | 3 | V | 5 | 1.47 | - |
| PK | 5.3528G | 64.56 | 74.00 | -9.44 | 9.83 | 3 | V | 5 | 1.47 | - |
| AV | 15.817G | 47.12 | 54.00 | -6.88 | 16.30 | 3 | H | 359 | 2.06 | - |
| PK | 15.8116G | 61.72 | 74.00 | -12.28 | 16.32 | 3 | H | 359 | 2.06 | - |
| AV | 15.81084G | 46.78 | 54.00 | -7.22 | 16.32 | 3 | V | 233 | 1.50 | - |
| PK | 15.80124G | 60.17 | 74.00 | -13.83 | 16.35 | 3 | V | 233 | 1.50 | - |

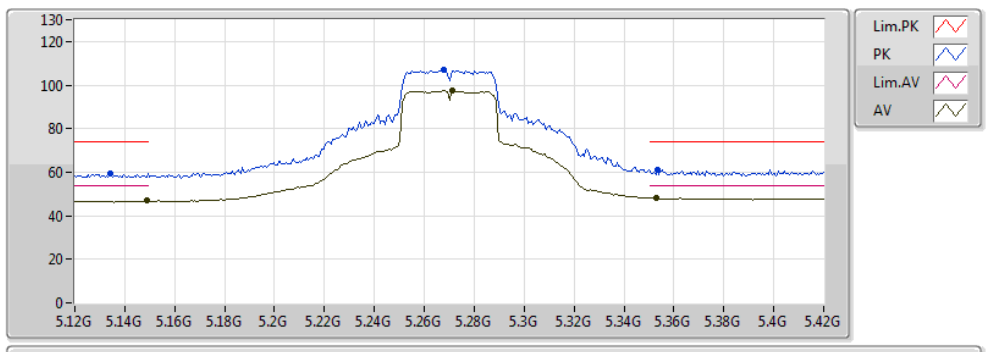
RE TX above 1GHz;Band:5.3G;VHT40;BWch:40MHz;Nss:1,(M0);Nant:1;Ch:5270MHz;TX




20161112
EUT X_1TX_ANT1_PIFA
Setting_57
02-S-5-10

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 5.1374G | 47.08 | 54.00 | -6.92 | 8.99 | 3 | V | 5 | 1.47 | - |
| AV | 5.2718G | 101.94 | Inf | -Inf | 9.52 | 3 | V | 5 | 1.47 | - |
| AV | 5.3504G | 50.06 | 54.00 | -3.94 | 9.82 | 3 | V | 5 | 1.47 | - |
| PK | 5.1242G | 59.51 | 74.00 | -14.49 | 8.94 | 3 | V | 5 | 1.47 | - |
| PK | 5.2676G | 111.44 | Inf | -Inf | 9.50 | 3 | V | 5 | 1.47 | - |
| PK | 5.3528G | 64.56 | 74.00 | -9.44 | 9.83 | 3 | V | 5 | 1.47 | - |

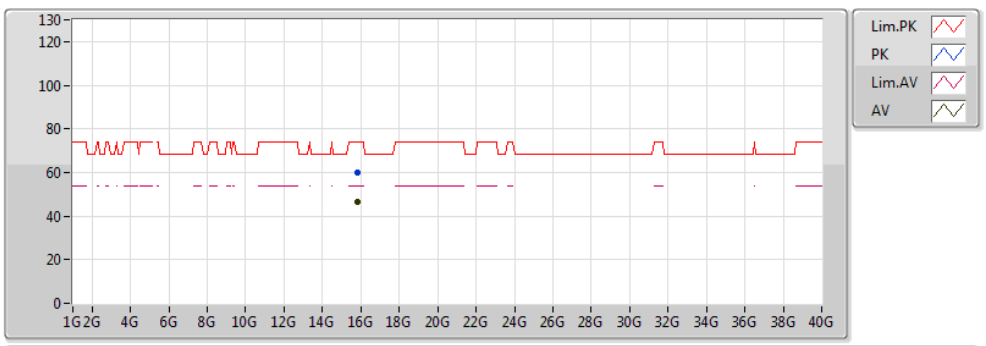
RE TX above 1GHz;Band:5.3G;VHT40;BWch:40MHz;Nss:1,(M0);Nant:1;Ch:5270MHz;TX




20161112
EUT X_1TX_ANT1_PIFA
Setting_57
02-S-5-10

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 5.1488G | 46.93 | 54.00 | -7.07 | 9.04 | 3 | H | 51 | 1.63 | - |
| AV | 5.2712G | 97.43 | Inf | -Inf | 9.52 | 3 | H | 51 | 1.63 | - |
| AV | 5.3528G | 48.16 | 54.00 | -5.84 | 9.83 | 3 | H | 51 | 1.63 | - |
| PK | 5.1344G | 59.36 | 74.00 | -14.64 | 8.98 | 3 | H | 51 | 1.63 | - |
| PK | 5.2676G | 107.12 | Inf | -Inf | 9.50 | 3 | H | 51 | 1.63 | - |
| PK | 5.3534G | 61.17 | 74.00 | -12.83 | 9.83 | 3 | H | 51 | 1.63 | - |

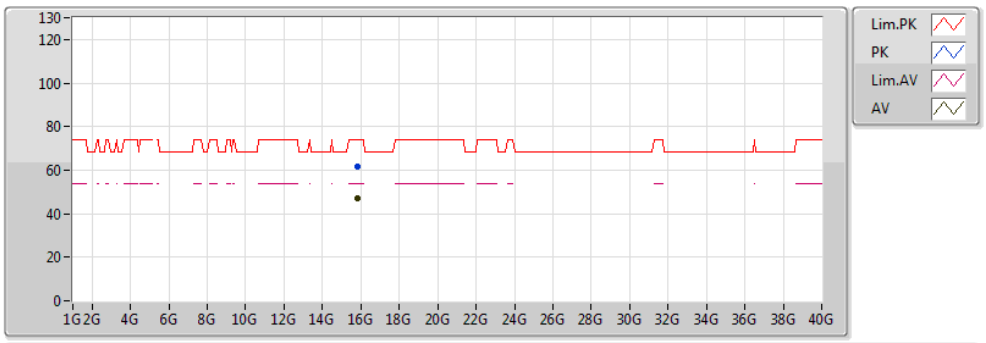
RE TX above 1GHz;Band:5.3G;VHT40;BWch:40MHz;Nss:1,(M0);Nant:1;Ch:5270MHz;TX




20161113
EUT X_1TX_ANT1_PIFA
Setting_57
02-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 | 15.81084G | 46.78 | 54.00 | -7.22 | 16.32 | 3 | V | 233 | 1.50 | - |
| PK | 15.80124G | 60.17 | 74.00 | -13.83 | 16.35 | 3 | V | 233 | 1.50 | - |

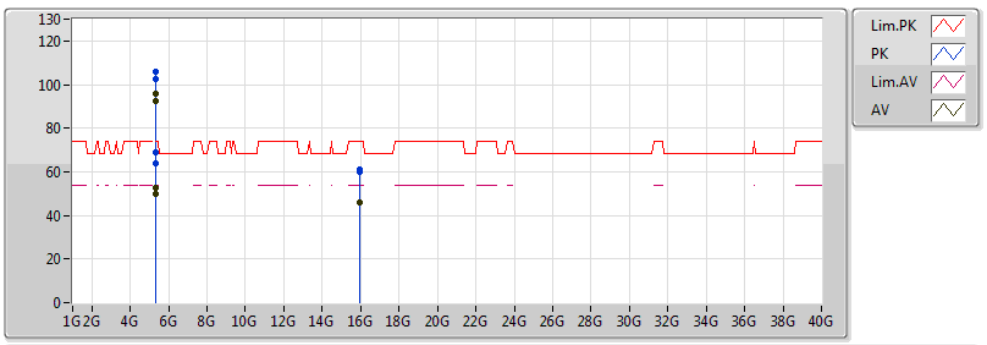
RE TX above 1GHz;Band:5.3G;VHT40;BWch:40MHz;Nss:1,(M0);Nant:1;Ch:5270MHz;TX




20161113
EUT X_1TX_ANT1_PIFA
Setting_57
02-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 | 15.817G | 47.12 | 54.00 | -6.88 | 16.30 | 3 | H | 359 | 2.06 | - |
| PK | 15.8116G | 61.72 | 74.00 | -12.28 | 16.32 | 3 | H | 359 | 2.06 | - |

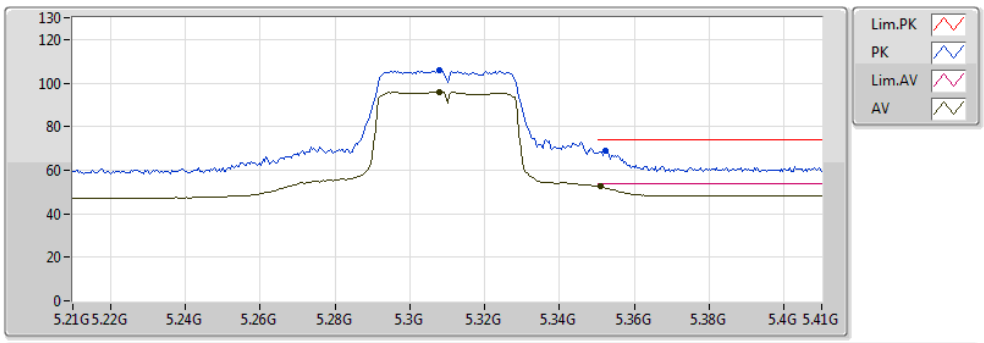
RE TX above 1GHz;Band:5.3G;VHT40;BWch:40MHz;Nss:1,(M0);Nant:1;Ch:5310MHz;TX




20161113
EUT X_1TX_ANT1_PIFA
Setting_41
02-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 | 5.3232G | 92.40 | Inf | -Inf | 9.72 | 3 | H | 16 | 2.32 | - |
| AV | 5.3512G | 49.77 | 54.00 | -4.23 | 9.82 | 3 | H | 16 | 2.32 | - |
| PK | 5.324G | 102.42 | Inf | -Inf | 9.72 | 3 | H | 16 | 2.32 | - |
| PK | 5.3508G | 64.07 | 74.00 | -9.93 | 9.82 | 3 | H | 16 | 2.32 | - |
| AV | 5.308G | 96.06 | Inf | -Inf | 9.66 | 3 | V | 14 | 1.68 | - |
| AV | 5.3508G | 52.49 | 54.00 | -1.51 | 9.82 | 3 | V | 14 | 1.68 | - |
| PK | 5.308G | 106.11 | Inf | -Inf | 9.66 | 3 | V | 14 | 1.68 | - |
| PK | 5.3524G | 69.11 | 74.00 | -4.89 | 9.83 | 3 | V | 14 | 1.68 | - |
| AV | 15.92408G | 45.81 | 54.00 | -8.19 | 15.98 | 3 | H | 96 | 1.50 | - |
| PK | 15.92944G | 59.90 | 74.00 | -14.10 | 15.96 | 3 | H | 96 | 1.50 | - |
| AV | 15.92212G | 45.78 | 54.00 | -8.22 | 15.99 | 3 | V | 152 | 1.01 | - |
| PK | 15.92636G | 61.31 | 74.00 | -12.69 | 15.97 | 3 | V | 152 | 1.01 | - |

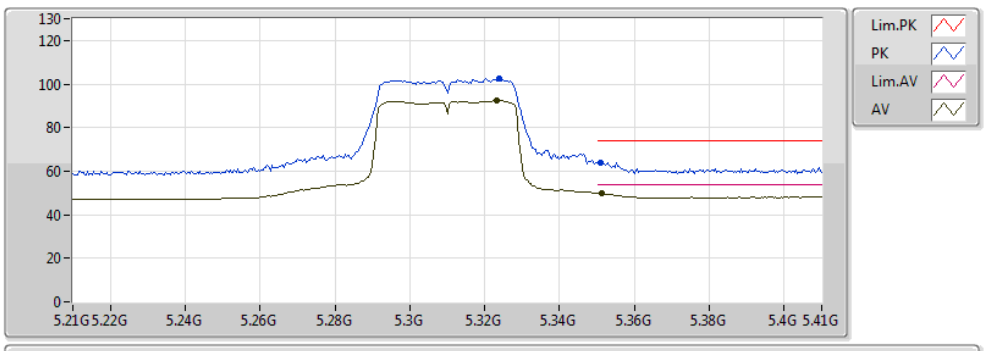
RE TX above 1GHz;Band:5.3G;VHT40;BWch:40MHz;Nss:1,(M0);Nant:1;Ch:5310MHz;TX




20161111
EUT X_1TX_ANT1_PIFA
Setting_41
02-G-1-10

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 5.308G | 96.06 | Inf | -Inf | 9.66 | 3 | V | 14 | 1.68 | - |
| AV | 5.3508G | 52.49 | 54.00 | -1.51 | 9.82 | 3 | V | 14 | 1.68 | - |
| PK | 5.308G | 106.11 | Inf | -Inf | 9.66 | 3 | V | 14 | 1.68 | - |
| PK | 5.3524G | 69.11 | 74.00 | -4.89 | 9.83 | 3 | V | 14 | 1.68 | - |

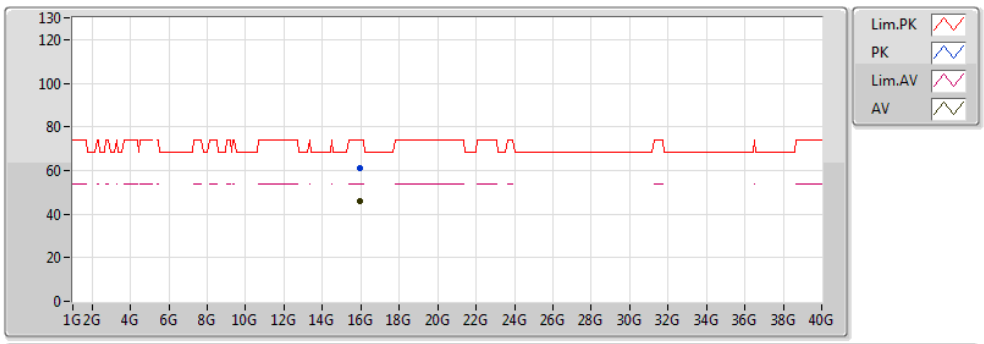
RE TX above 1GHz;Band:5.3G;VHT40;BWch:40MHz;Nss:1,(M0);Nant:1;Ch:5310MHz;TX




20161111
EUT X_1TX_ANT1_PIFA
Setting_41
02-G-1-10

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 5.3232G | 92.40 | Inf | -Inf | 9.72 | 3 | H | 16 | 2.32 | - |
| AV | 5.3512G | 49.77 | 54.00 | -4.23 | 9.82 | 3 | H | 16 | 2.32 | - |
| PK | 5.324G | 102.42 | Inf | -Inf | 9.72 | 3 | H | 16 | 2.32 | - |
| PK | 5.3508G | 64.07 | 74.00 | -9.93 | 9.82 | 3 | H | 16 | 2.32 | - |

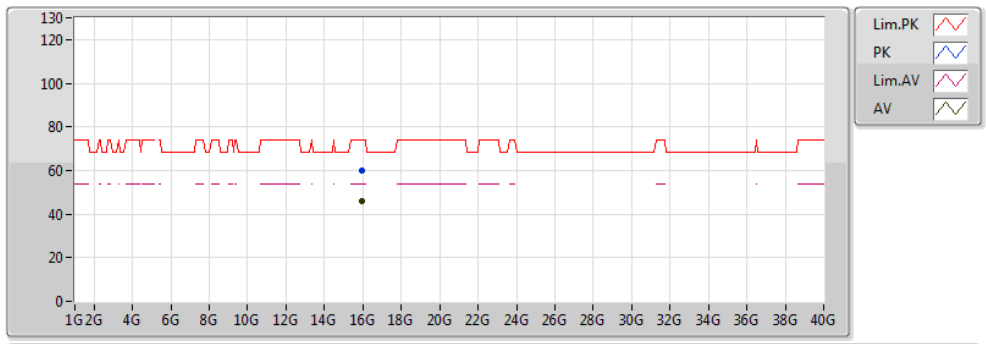
RE TX above 1GHz;Band:5.3G;VHT40;BWch:40MHz;Nss:1,(M0);Nant:1;Ch:5310MHz;TX




20161113
EUT X_1TX_ANT1_PIFA
Setting_41
02-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 | 15.92212G | 45.78 | 54.00 | -8.22 | 15.99 | 3 | V | 152 | 1.01 | - |
| PK | 15.92636G | 61.31 | 74.00 | -12.69 | 15.97 | 3 | V | 152 | 1.01 | - |

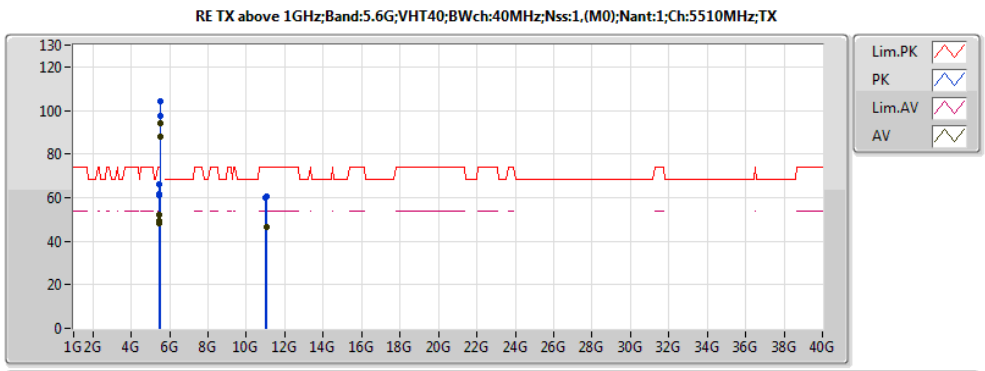
RE TX above 1GHz;Band:5.3G;VHT40;BWch:40MHz;Nss:1,(M0);Nant:1;Ch:5310MHz;TX




20161113
EUT X_1TX_ANT1_PIFA
Setting_41
02-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 | 15.92408G | 45.81 | 54.00 | -8.19 | 15.98 | 3 | H | 96 | 1.50 | - |
| PK | 15.92944G | 59.90 | 74.00 | -14.10 | 15.96 | 3 | H | 96 | 1.50 | - |

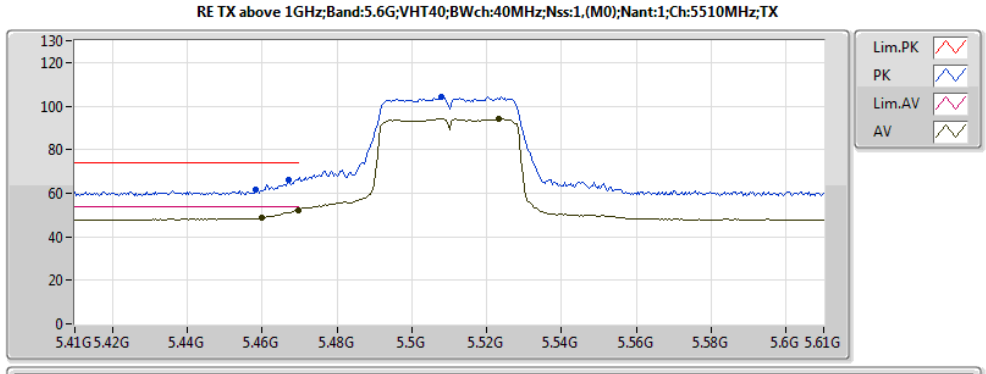
RE TX above 1GHz;Band:5.6G;VHT40;BWch:40MHz;Nss:1,(M0);Nant:1;Ch:5510MHz;TX




20161113
EUT X_1TX_ANT1_PIFA
Setting_35
02-S-5-10

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 5.452G | 48.28 | 54.00 | -5.72 | 10.20 | 3 | H | 55 | 1.52 | - |
| AV | 5.4696G | 49.58 | 54.00 | -4.42 | 10.26 | 3 | H | 55 | 1.52 | - |
| AV | 5.5084G | 88.12 | Inf | -Inf | 10.38 | 3 | H | 55 | 1.52 | - |
| PK | 5.434G | 61.12 | 74.00 | -12.88 | 10.13 | 3 | H | 55 | 1.52 | - |
| PK | 5.4644G | 61.66 | 74.00 | -12.34 | 10.24 | 3 | H | 55 | 1.52 | - |
| PK | 5.508G | 97.68 | Inf | -Inf | 10.38 | 3 | H | 55 | 1.52 | - |
| AV | 5.46G | 48.72 | 54.00 | -5.28 | 10.23 | 3 | V | 16 | 1.50 | - |
| AV | 5.4696G | 52.28 | 54.00 | -1.72 | 10.26 | 3 | V | 16 | 1.50 | - |
| AV | 5.5232G | 94.19 | Inf | -Inf | 10.40 | 3 | V | 16 | 1.50 | - |
| PK | 5.4584G | 61.64 | 74.00 | -12.36 | 10.22 | 3 | V | 16 | 1.50 | - |
| PK | 5.4672G | 66.20 | 74.00 | -7.80 | 10.25 | 3 | V | 16 | 1.50 | - |
| PK | 5.508G | 104.22 | Inf | -Inf | 10.38 | 3 | V | 16 | 1.50 | - |
| AV | 11.0344G | 46.42 | 54.00 | -7.58 | 18.18 | 3 | H | 146 | 2.57 | - |
| PK | 11.0173G | 60.17 | 74.00 | -13.83 | 18.19 | 3 | H | 146 | 2.57 | - |
| AV | 11.0344G | 46.44 | 54.00 | -7.56 | 18.18 | 3 | V | 189 | 1.76 | - |
| PK | 11.02792G | 60.31 | 74.00 | -13.69 | 18.19 | 3 | V | 189 | 1.76 | - |

RE TX above 1GHz;Band:5.6G;VHT40;BWch:40MHz;Nss:1,(M0);Nant:1;Ch:5510MHz;TX




20161113
EUT X_1TX_ANT1_PIFA
Setting_35
02-S-5-10

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| AV | 5.46G | 48.72 | 54.00 | -5.28 | 10.23 | 3 | V | 16 | 1.50 | - |
| AV | 5.4696G | 52.28 | 54.00 | -1.72 | 10.26 | 3 | V | 16 | 1.50 | - |
| AV | 5.5232G | 94.19 | Inf | -Inf | 10.40 | 3 | V | 16 | 1.50 | - |
| PK | 5.4584G | 61.64 | 74.00 | -12.36 | 10.22 | 3 | V | 16 | 1.50 | - |
| PK | 5.4672G | 66.20 | 74.00 | -7.80 | 10.25 | 3 | V | 16 | 1.50 | - |
| PK | 5.508G | 104.22 | Inf | -Inf | 10.38 | 3 | V | 16 | 1.50 | - |