FCC Test Report

FCC ID	:	**2AHBN-AP47**
Equipment	:	**Wi-Fi 7 Wireless Access Point**
Brand Name	:	**Juniper**
Model Name	:	**AP47, AP47E, AP47D**
Applicant	:	**Juniper Networks, Inc. 1133 Innovation Way Sunnyvale, California 94089 USA**
Manufacturer	:	**Juniper Networks, Inc. 1133 Innovation Way Sunnyvale, California 94089 USA**
Standard	:	**47 CFR FCC Part 15.517**

The product was received on Oct. 09, 2024, and testing was started from Nov. 12, 2024 and completed on Dec. 17, 2024. We, SPORTON INTERNATIONAL INC. Hsinhua Laboratory, 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. Hsinhua Laboratory, the test report shall not be reproduced except in full.

Approved by: Jackson Tsai

SPORTON INTERNATIONAL INC. Hsinhua Laboratory

No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.)

Table of Contents

History of this test report

Report No.	Version	Description	Issued Date
FR4O0708-02AU	01	Initial issue of report	Feb. 06, 2025

Summary of Test Result

Report Clause	Ref. Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.2	15.203	Antenna Requirement	PASS	-
1.1.6	15.517(a)	Operational Restriction	PASS	-
3.1	15.207	AC Power-line Conducted Emissions	PASS	-
3.2	15.503 (d) /15.517(b)	UWB Bandwidth	PASS	-
3.3	15.517(e)	Peak Emissions within a 50 MHz Bandwidth	PASS	-
3.4	15.517(c) /15.517(d)	Radiated Emissions	PASS	-

Declaration of Conformity:
The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.
Comments and explanations:
According to FCC §15.521(c), emission from digital circuitry used to enable the operation of the UWB transmitter shall comply with the limits in § 15.209. Limit for given spurs at 999.74MHz & 999.75MHz/1GHz & 1.6GHz is 500uV/m, which is 53.98dBuV/m. Relative to this limit the spurs are PASS.

Reviewed by: Ryan Hsiao

Report Producer: Amber Chiu

1 General Description

1.1 Information

1.1.1 RF General Information

< AP47 >

RF General Information					
Frequency Range (GHz)	**Mode**	**Ch. Freq. (MHz)**	**Channel Number**	**Transmit Chains (N_{TX})**	**EIRP (dBm/50MHz)**
3.1-10.6	UWB	7987.2	9	1	-0.10
Note 1: TransferJet uses Pi/2 shift BPSK + DSSS modulation.					

Band	Mode	BWch (MHz)	Nant
3.1-10.6GHz	Ultra Wide Band	499.2	1TX

< AP47D >

RF General Information					
Frequency Range (GHz)	**Mode**	**Ch. Freq. (MHz)**	**Channel Number**	**Transmit Chains (N_{TX})**	**EIRP (dBm/50MHz)**
3.1-10.6	UWB	7987.2	9	1	-0.20
Note 1: TransferJet uses Pi/2 shift BPSK + DSSS modulation.					

Band	Mode	BWch (MHz)	Nant
3.1-10.6GHz	Ultra Wide Band	499.2	1TX

< AP47E >

RF General Information					
Frequency Range (GHz)	**Mode**	**Ch. Freq. (MHz)**	**Channel Number**	**Transmit Chains (N_{TX})**	**EIRP (dBm/50MHz)**
3.1-10.6	UWB	7987.2	9	1	-0.10
Note 1: TransferJet uses Pi/2 shift BPSK + DSSS modulation.					

Band	Mode	BWch (MHz)	Nant
3.1-10.6GHz	Ultra Wide Band	499.2	1TX

1.1.2 Antenna Information

< AP47 >

Ant.	Brand	Model Name	Antenna Type	Connector	Support	Gain (dBi)	Remark
1	Juniper	AP47	PIFA	I-Pex	UWB	4.7	Radio 5
2	Juniper	AP47	Patch	I-Pex	UWB	1.4	Radio 5
3	Juniper	AP47	Patch	I-Pex	UWB	1.8	Radio 5
4	Juniper	AP47	Patch	I-Pex	UWB	1.4	Radio 5
5	Juniper	AP47	PIFA	I-Pex	GPS	2.9	Radio 6

< AP47D >

Ant.	Brand	Model Name	Antenna Type	Connector	Support	Gain (dBi)	Remark
1	Juniper	AP47D	Patch	I-Pex	UWB	6.7	Radio 5
2	Juniper	AP47D	Patch	I-Pex	UWB	3.4	Radio 5
3	Juniper	AP47D	Patch	I-Pex	UWB	0.7	Radio 5
4	Juniper	AP47D	Patch	I-Pex	UWB	3.1	Radio 5
5	Juniper	AP47D	PIFA	I-Pex	GPS	4.6	Radio 6

< AP47E >

Ant.	Brand	Model Name	Antenna Type	Connector	Support	Gain (dBi)	Remark
1	Juniper	AP47E	PIFA	I-Pex	UWB	4.7	Radio 5
2	Juniper	AP47E	Patch	I-Pex	UWB	1.4	Radio 5
3	Juniper	AP47E	Patch	I-Pex	UWB	2.1	Radio 5
4	Juniper	AP47E	Patch	I-Pex	UWB	1.7	Radio 5
5	Juniper	AP47E	PIFA	I-Pex	GPS	3.3	Radio 6

For UWB function: (2TX/4RX)

Ant. 1 (port 1), Ant. 2 (port 2) could transmit.
Ant. 1 (port 1), Ant. 2 (port 2), Ant. 3 (port 3) and Ant. 4 (port 4) could receive.

1.1.3 Type of EUT

Operational Condition	
EUT Power Type	From PoE
Type of EUT	
☒	Stand-alone
☐	Combined (EUT where the radio part is fully integrated within another device) Combined Equipment - Brand Name / Model No.: …
☐	Plug-in radio (EUT intended for a variety of host systems) Host System - Brand Name / Model No.: …
☐	Other:

1.1.4 Test Signal Duty Cycle

< AP47 >

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
Ultra Wide Band_Nss1,(HRP)_1TX(Port1)	0.075	11.25	73.75u	20k
Ultra Wide Band_Nss1,(HRP)_1TX(Port2)	0.075	11.25	73.75u	20k

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

< AP47D >

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
Ultra Wide Band_Nss1,(HRP)_1TX(Port1)	0.081	10.92	163.125u	10k
Ultra Wide Band_Nss1,(HRP)_1TX(Port2)	0.081	10.92	163.125u	10k

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

< AP47E >

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
Ultra Wide Band_Nss1,(HRP)_1TX(Port1)	0.081	10.92	163.125u	10k
Ultra Wide Band_Nss1,(HRP)_1TX(Port2)	0.081	10.92	163.125u	10k

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

1.1.5 Table for Multiple Listing

The model names in the following table are all refer to the identical product.

Model Name	AP47	AP47D	AP47E
Description	Internal Antenna	External Antenna	Directional Antenna

1.1.6 Operational Restriction

Operation Restriction	Informed the applicant	Not applicable	User Manual Informed	Passed
☒ Indoor UWB devices & Fixed indoor infrastructure				
Must be capable of operation only indoors. The necessity to operate with a fixed indoor infrastructure. [A transmitter that had been connected to the AC power lines and operates solely through the AC mains. Or The device under test operates solely through USB port of a PC. It is not intended to operate from any other power source and be considered sufficient to demonstrate a fixed indoor infrastructure]	☒	☐	☐	☒
☒ Emissions from equipment				
The emissions from equipment operated shall not be intentionally directed outside of the building in which the equipment is located, such as through a window or a doorway, to perform an outside function, such as the detection of persons about to enter a building. [The applicant has been informed of this requirement.]	☒	☐	☐	☒
☒ Outdoor mounted antennas				
The use of outdoor mounted antennas, e.g., antennas mounted on the outside of a building or on a telephone pole, or any other outdoors infrastructure is prohibited. [The applicant has been informed without any outdoor mounted antennas.]	☒	☐	☐	☒
☒ Field disturbance sensors install				
Field disturbance sensors installed inside of metal or underground storage tanks are considered to operate indoors provided the emissions are directed towards the ground. [Not applicable for this client.]	☐	☒	☐	☒
☒ A communications system shall transmit only				
A communications system shall transmit only when the intentional radiator is sending information to an associated receiver. [The applicant has been informed of this requirement and is clearly stated on the user manual.]	☒	☐	☒	☐

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

The following reference test guidance is not within the scope of accreditation of TAF:

- KDB 393764 D01 v02
- KDB 412172 D01 v01r01

1.3 Testing Location Information

Test Lab.：Sporton International Inc. Hsinhua Laboratory				
☒ Hsinhua **(TAF:** 3785**)**	**ADD:** No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.)			
	TEL: 886-3-327-3456		**FAX:** 886-3-327-0973	
Test site Designation No. TW3785 with FCC.				
Test Condition	**Test Site No.**	**Test Engineer**	**Test Environment**	**Test Date**
AC Conduction	CO04-HY	Daniel Lin	21.0~22.5°C / 52~56%	17/Dec/2024
Radiated	03CH02-HY	Vasari Huang	22.6~23.4°C / 52~58%	12/Nov/2024~28/Nov/2024
☐ Wen 33rd. St. **(TAF:** 3785**)**	**ADD:** No.14-1, Ln. 19, Wen 33rd St., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.)			
	TEL: 886-3-318-0787		**FAX:** 886-3-318-0287	
Test site Designation No. TW0008 with FCC.				

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
AC Power-line Conducted Emissions	3.34 dB	Confidence levels of 95%
UWB Bandwidth	0.13 MHz	Confidence levels of 95%
Unwanted Emissions (9 kHz ~ 30 MHz)	2.5 dB	Confidence levels of 95%
Unwanted Emissions (30 MHz ~ 1 GHz)	4.8 dB	Confidence levels of 95%
Unwanted Emissions (1 GHz ~ 18 GHz)	4.2 dB	Confidence levels of 95%
Unwanted Emissions (18 GHz ~ 40 GHz)	4.1 dB	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Condition

RF Conducted	Abbreviation	Remark
TnomVnom	Tnom	20°C
-	Vnom	120V

2.2 The Worst Case Configuration

Worst Modulation Used for Conformance Testing		
Mode	**Transmit Chains (N_{TX})**	**Test Channel Frequencies (MHz)**
UWB	1	7987.2

2.3 The Worse Case Power Setting Parameter

Test Software Version	Putty Release 0.62

< AP47 >

Mode	Power Setting
Ultra Wide Band_Nss1_1TX(Port1)	-
7987.2MHz	50
Ultra Wide Band_Nss1_1TX(Port2)	-
7987.2MHz	4F

< AP47D>

Mode	Power Setting
Ultra Wide Band_Nss1_1TX(Port1)	-
7987.2MHz	56
Ultra Wide Band_Nss1_1TX(Port2)	-
7987.2MHz	52

< AP47E>

Mode	Power Setting
Ultra Wide Band_Nss1_1TX(Port1)	-
7987.2MHz	5A
Ultra Wide Band_Nss1_1TX(Port2)	-
7987.2MHz	51

2.4 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	CTX
1	PoE Mode

The Worst Case Mode for Following Conformance Tests			
Tests Item	UWB Bandwidth, Peak Emissions within a 50 MHz Bandwidth, Radiated Emissions		
Test Condition	Radiated measurement 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	CTX		
1	PoE Mode		
Orthogonal Planes of EUT	**X Plane**	**Y Plane**	**Z Plane**
			
Worst Planes of EUT		V	

2.5 Accessories

Accessories				
Bracket (for AP47 / AP47E / AP47D)	Brand Name	Juniper	Model Name	APBR-U
External Antenna (for AP47E)	Brand Name	AccelTex	Model Name	ATS-OP-2456-81010-14MPC-36

Reminder: Regarding to more detail and other information, please refer to user manual.

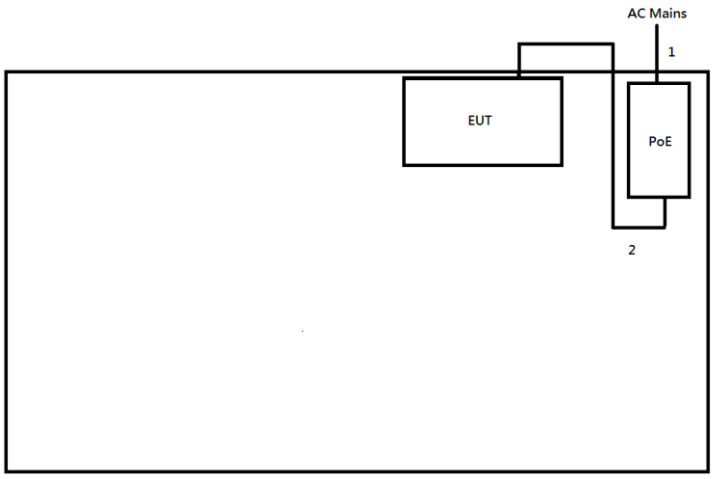
2.6 Support Equipment

Support Equipment – AC Conduction					
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**	**Remark**
1	PoE	PHIHONG	POE60U-BTA	-	Provided by Customer
2	AC Power Cable	Power sync	PW-GPC180-3	-	-
3	RJ45 Cable	Power sync	CAT-6E-03	-	-

Support Equipment – Radiated					
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**	**Remark**
1	RJ45 Cable	Power sync	CAT-6E-03	-	-
2	PoE (Remote)	PHIHONG	POE60U-BTA	-	Provided by Customer
3	AC Power Cable (Remote)	Power sync	PW-GPC180-3	-	-

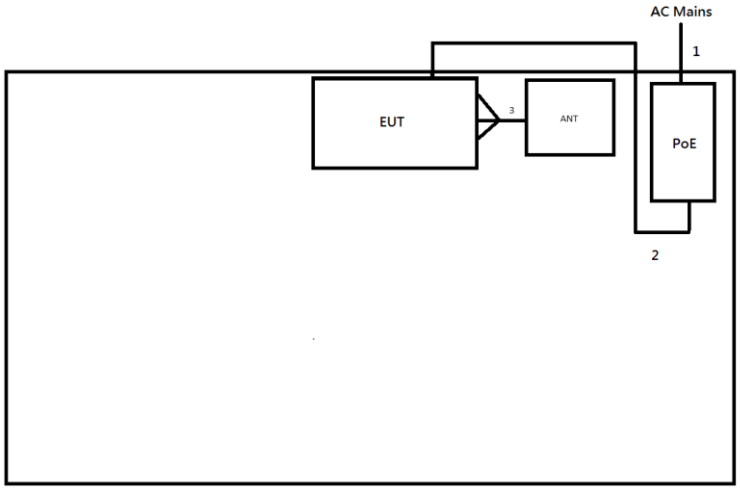
2.7 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test for AP47 & AP 47D



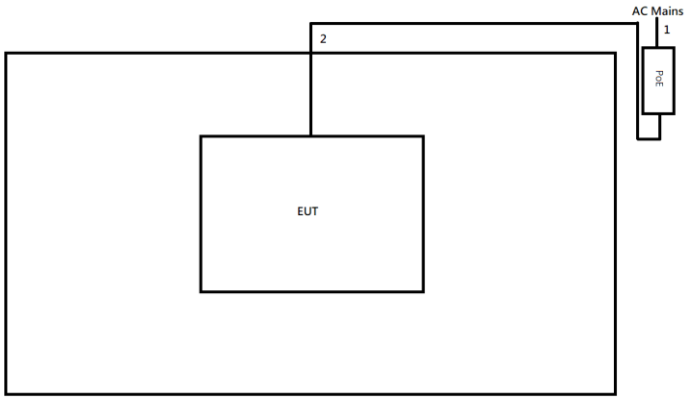
Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	RJ45 cable	No	3.0	-

Test Setup Diagram – AC Line Conducted Emission Test for AP47E



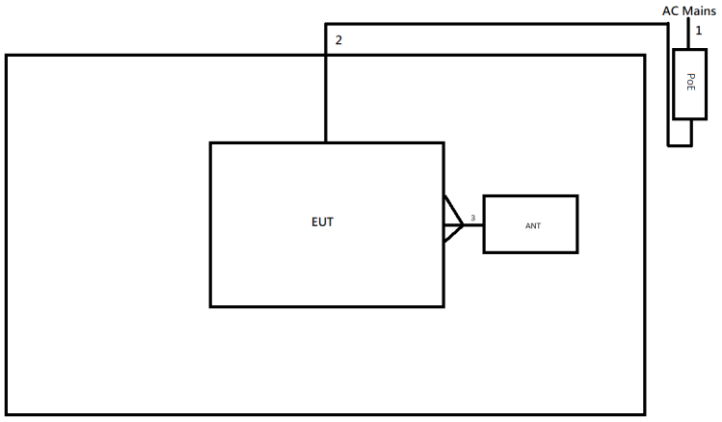
Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	RJ45 cable	No	3.0	-
3	ANT cable	No	0.9	-

Test Setup Diagram - Radiated Test for AP47 & AP 47D



Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	RJ45 cable	No	3.0	-

Test Setup Diagram - Radiated Test for AP47E



Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	RJ45 cable	No	3.0	-
3	ANT cable	No	0.9	-

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

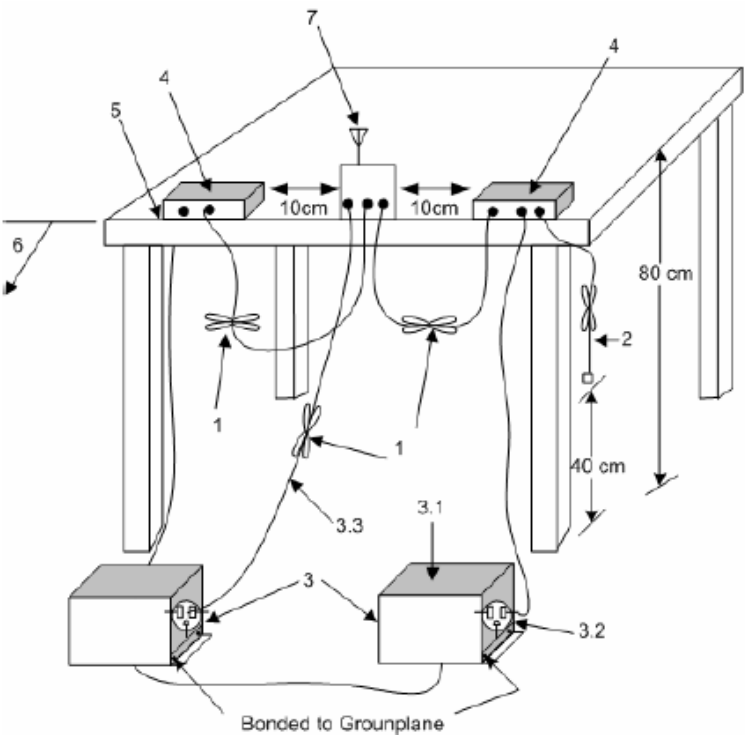
Test Method
☒ Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

3.1.4 Measurement Results Calculation

The measured Level is calculated using:
Corrected Reading: Raw(Read Level) +LISN(LISN Factor) + CL(Cable Loss) + AT(Attenuator).

3.1.5 Test Setup

AC Power-line Conducted Emissions



1—Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 cm to 40 cm long.
2—The I/O cables that are not connected to an accessory shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
3—EUT connected to one LISN. Unused LISN measuring port connectors shall be terminated in 50Ω loads. LISN may be placed on top of, or immediately beneath, reference ground plane.
3.1—All other equipment powered from additional LISN(s).
3.2—A multiple-outlet strip may be used for multiple power cords of non-EUT equipment.
3.3—LISN at least 80 cm from nearest part of EUT chassis.
4—Non-EUT components of EUT system being tested.
5—Rear of EUT, including peripherals, shall all be aligned and flush with edge of tabletop.
6—Edge of tabletop shall be 40 cm removed from a vertical conducting plane that is bonded to the ground plane.
7—Antenna can be integral or detachable. If detachable, then the antenna shall be attached for this test.

3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 UWB bandwidth

3.2.1 UWB bandwidth Limit

UWB bandwidth Limit	
☒	UWB bandwidth ≥ 500 MHz or Fractional bandwidth ≥ 0.2; Fractional bandwidth = $2(f_H - f_L)/(f_H + f_L)$
☒	The UWB bandwidth of a UWB system operating under the provisions of this section must be contained between 3100 MHz and 10,600 MHz.

3.2.2 Measuring Instruments

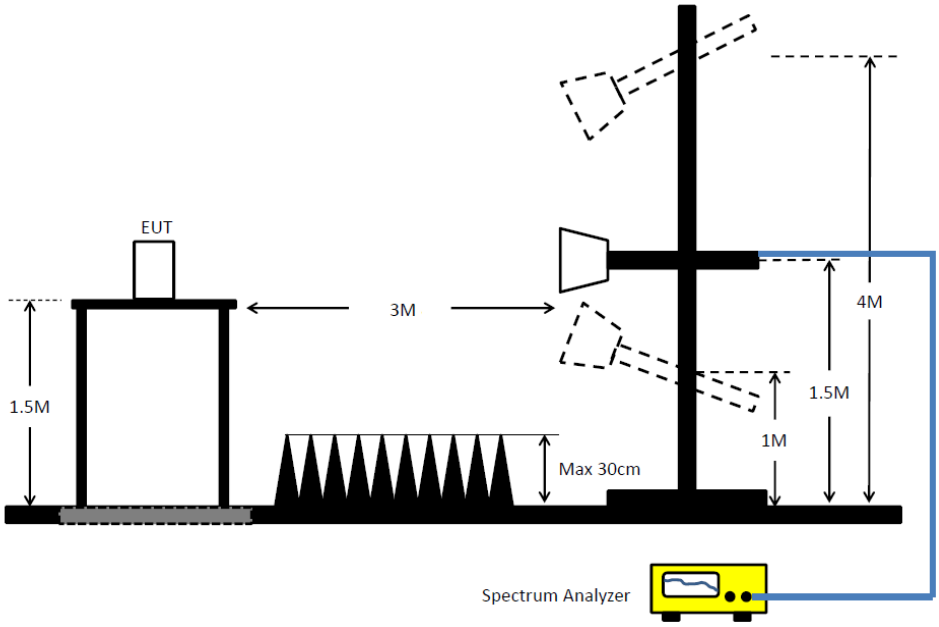
Refer a test equipment and calibration data table in this test report.

3.2.3 Test Procedures

Test Method		
☒	For the UWB bandwidth shall be measured using one of the options below:	
	☒	Refer as ANSI C63.10, clause 6.9.3 and clause 10.1 for UWB bandwidth testing.

3.2.4 Test Setup

UWB Bandwidth - Test Distance: 3m



3.2.5 Test Result of UWB Bandwidth

Refer as Appendix B

3.3 Peak Emissions within a 50 MHz Bandwidth

3.3.1 Peak Emissions within a 50 MHz Bandwidth Limit

Peak Emissions within a 50 MHz Bandwidth Limit
P_{eirp} = 0 dBm/50MHz

3.3.2 Measuring Instruments

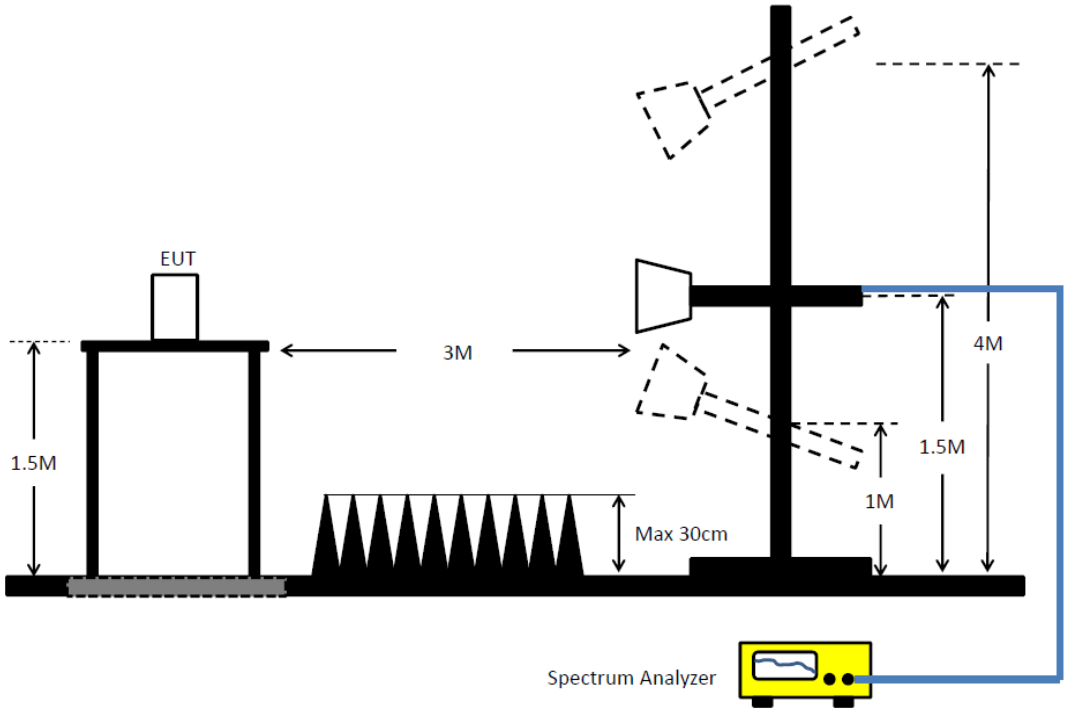
Refer a test equipment and calibration data table in this test report.

3.3.3 Test Procedures

Test Method	
☒	Peak Emissions within a 50 MHz Bandwidth
☒	Refer as ANSI C63.10, clause 10.3.1 for radiated measurement procedure testing.
☒	Refer as ANSI C63.10, clause 10.3.2 for measurement distance is 3m.
☒	Refer as ANSI C63.10, clause 10.3.5 for peak detector procedure testing.
☒	Refer as ANSI C63.10, clause 10.3.6 for bandwidth conversion of peak power. $EIRP_{50MHz} = EIRP_{1MHz} – 20 \log(1MHz/50MHz)$

3.3.4 Test Setup

Peak Emissions



3.3.5 Test Result of Peak Emissions within a 50 MHz Bandwidth

Refer as Appendix C

3.4 Radiated Emissions

3.4.1 Radiated Emissions Limit

Radiated Emissions below 960MHz and Emissions from Digital Circuitry 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

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.

Radiated Emissions above 960MHz Limit	
Frequency Range (MHz)	**EIRP (dBm)**
960-1610	-75.3
1610-1990	-53.3
1990-3100	-51.3
3100-10600	-41.3
Above 10600	-51.3

Radiated Emissions in GPS Bands Limit	
Frequency Range (MHz)	**EIRP (dBm)**
1164-1240	-85.3
1559-1610	-85.3

3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

Test Method for Radiated Emissions above 960MHz	
☒	Radiated Emissions above 960MHz
☒	Refer as ANSI C63.10, clause 10.3.1 for radiated measurement procedure testing.
☒	Refer as ANSI C63.10, clause 10.3.2 for measurement distance is 3m. In some cases, it may be necessary to measure the radiated UWB emissions at a closer distance to obtain enough signal and margin to overcome the measurement system noise floor. Distance extrapolation factor = 20 log (test distance [X m]/specific distance [3 m]) (dB)
☒	Refer as ANSI C63.10, clause 10.3.4 for rms detector procedure testing.
☒	Refer as ANSI C63.10, clause 10.3.7 for evaluating AVG-PSD (RBW=1MHz).
☒	Refer as ANSI C63.10, clause 10.3.10 for evaluating AVG-PSD in GPS Band (RBW≥1kHz).
☒	For radiated measurement.
☒	Refer as KDB 412172, clause 2.2 following eirp can be used radiated test configuration.
☒	Refer as KDB 412172, clause 5 following eirp can be directly determined using the field strength.
☐	Refer as KDB 412172, clause 6 following eirp can be used signal/antenna substitution techniques.

Test Method for Radiated Emissions below 960MHz and Emissions from Digital Circuitry	
☒	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).
☒	For the transmitter unwanted emissions shall be measured using following options below:
☒	Refer as ANSI C63.10, clause 4.1.4.2.3 (Reduced VBW) – Duty cycle ≥ 100%.
☐	Refer as ANSI C63.10, clause 4.1.4.2.4 average value of pulsed emissions. Adjusted by a “duty cycle correction factor”, derived from 20log (dwell time/100 ms). Average emission = peak emission + 20 log (duty cycle).
☒	Refer as ANSI C63.10, clause 4.1.4.2.2 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 1 GHz and test distance is 3m.
☒	The any unwanted emissions level shall not exceed the fundamental emission level.

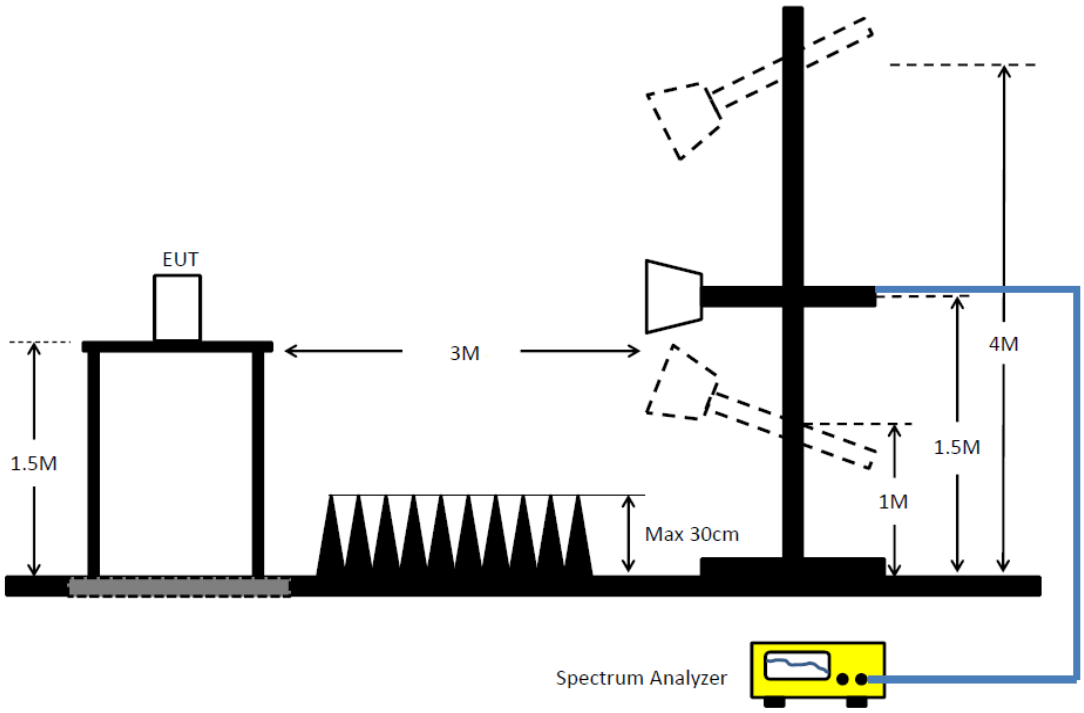
3.4.4 Measurement Results Calculation

The measured Level is calculated using:

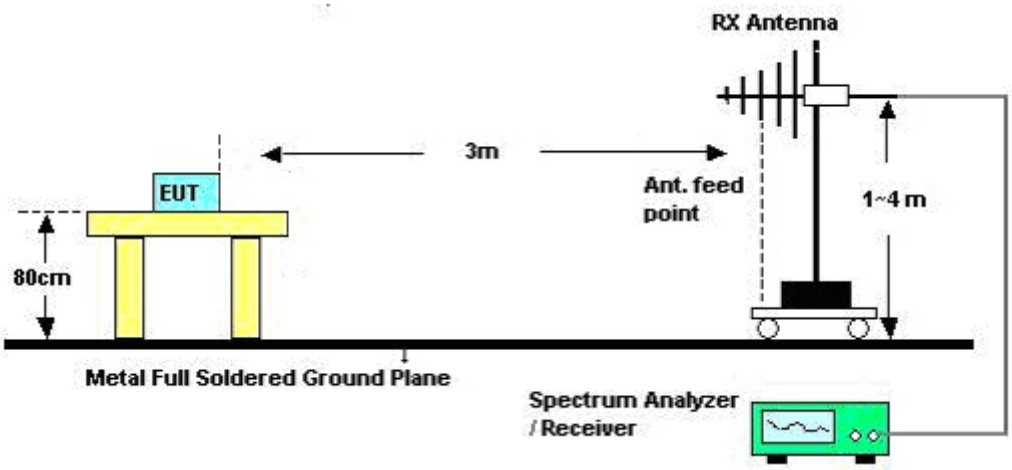
Corrected Reading: Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)

3.4.5 Test Setup

Radiated Emissions above 960MHz



Radiated Emissions below 960MHz and Emissions from Digital Circuitry



Magnetic field tests shall be performed in the frequency range of 9 kHz to 30 MHz using a calibrated loop antenna. Electric field tests shall be performed in the frequency range of 30 MHz to 1000 MHz using a calibrated bi-log antenna and the frequency range of 1 GHz to 40 GHz using a calibrated horn antenna.

3.4.6 Radiated 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.

3.4.7 Test Result of Radiated Emissions

Refer as Appendix D

4 Test Equipment and Calibration Data

Instrument for AC Conduction

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
EMI Test Receiver	ROHDE & SCHWARZ	ESR3	102051	9kHz ~ 3.6GHz	17/May/2024	16/May/2025
Two-Line V-Network	ROHDE & SCHWARZ	ENV 216	101274	9kHz ~ 30MHz	18/Jun/2024	17/Jun/2025
RF Cable 5m	TITAN	TITAN	CO04-cable-01	9 kHz~200MHz	27/Feb/2024	26/Feb/2025
Impuls Begrenzer Pulse Limiter	SCHWARZBECK	VTSD 9561-F	9561-F041	9kHz ~ 30MHz	17/Oct/2024	16/Oct/2025
SENSE-EMI	Sporton	V5.11.3	N/A	N/A	NCR	NCR

NCR: No Calibration Required

Instrument for Radiated Test for AP47 & AP 47D

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH02-HY	30MHz~1GHz 3m	14/Jul/2024	13/Jul/2025
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH02-HY	1GHz~18GHz 3m	14/Jul/2024	13/Jul/2025
EMI Test Receiver	R&S	ESR	102052	9kHz~3.6GHz	03/May/2024	02/May/2025
Signal Analyzer	R&S	FSP 40	100593	9kHz~40GHz	11/Mar/2024	10/Mar/2025
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	19/Mar/2024	18/Mar/2025
Bilog Antenna & 5dB Attenuator	SCHAFFNER / MTJ	CBL 6112B / MTJ6102-05	2723/2	30MHz~1GHz	26/Aug/2024	25/Aug/2025
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02268	1GHz~18GHz	23/Sep/2024	22/Sep/2025
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170154	18GHz~40GHz	04/Jun/2024	03/Jun/2025
RF Cable	MVE	400LL+SN 200207	03CH02-cable-02	9kHz~30MHz	19/Dec/2023	18/Dec/2024
RF Cable	MVE	400LL+SN 200207	03CH02-cable-02	30MHz~1GHz	19/Dec/2023	18/Dec/2024
RF Cable-R03m	HUBER+SUHNER	SUCOFLEX 104	03CH02-cable-01	1GHz~40GHz	15/Feb/2024	14/Feb/2025
Amplifier	Agilent	8447D	2944A11149	100kHz~1.3GHz	29/Jun/2024	28/Jun/2025
Amplifier	EM	EM01G18GA	060933	1GHz~18GHz	15/Jul/2024	14/Jul/2025
Microwave Preamplifier	Agilent	8449B	3008A02373	1GHz~26.5GHz	01/Oct/2024	30/Sep/2025
Microwave Preamplifier	EMC INSTRUMENTS	EM18G40G	060604	18GHz ~40GHz	19/Apr/2024	18/Apr/2025
SENSE-UWB	Sporton	V5.10.6D	N/A	N/A	N/A	N/A

Instrument for Radiated Test t for AP47E

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
N.S.A. Measurement	SIDT FRANKONIA	SAC-3M	03CH02-HY	30MHz~1GHz 3M	14/Jul/2024	13/Jul/2025
Site V.S.W.R	SIDT FRANKONIA	SAC-3M	03CH02-HY	1GHz~18GHz 3M	14/Jul/2024	13/Jul/2025
EMI Test Receiver	R&S	ESR	102052	9kHz~3.6GHz	03/May/2024	02/May/2025
Signal Analyzer	R&S	FSP 40	100593	9kHz~40GHz	11/Mar/2024	10/Mar/2025
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	19/Mar/2024	18/Mar/2025
Bilog Antenna & 5dB Attenuator	SCHAFFNER / MTJ	CBL 6112B / MTJ6102-05	2723/2	30MHz~1GHz	26/Aug/2024	25/Aug/2025
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02268	1GHz~18GHz	23/Sep/2024	22/Sep/2025
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170154	18GHz~40GHz	04/Jun/2024	03/Jun/2025
RF Cable	MVE	400LL+SN 200207	03CH02-cable-02	9kHz~30MHz	26/Nov/2024	25/Nov/2025
RF Cable	MVE	400LL+SN 200207	03CH02-cable-02	30MHz~1GHz	26/Nov/2024	25/Nov/2025
RF Cable-R03m	HUBER+SUHNER	SUCOFLEX 104	03CH02-cable-01	1GHz~40GHz	15/Feb/2024	14/Feb/2025
Amplifier	Agilent	8447D	2944A11149	100kHz~1.3GHz	29/Jun/2024	28/Jun/2025
Amplifier	EM	EM01G18GA	060933	1GHz~18GHz	15/Jul/2024	14/Jul/2025
Microwave Preamplifier	Agilent	8449B	3008A02373	1GHz~26.5GHz	01/Oct/2024	30/Sep/2025
Microwave Preamplifier	EMC INSTRUMENTS	EM18G40G	060604	18GHz ~40GHz	19/Apr/2024	18/Apr/2025
SENSE-UWB	Sporton	V5.11.1	N/A	N/A	N/A	N/A

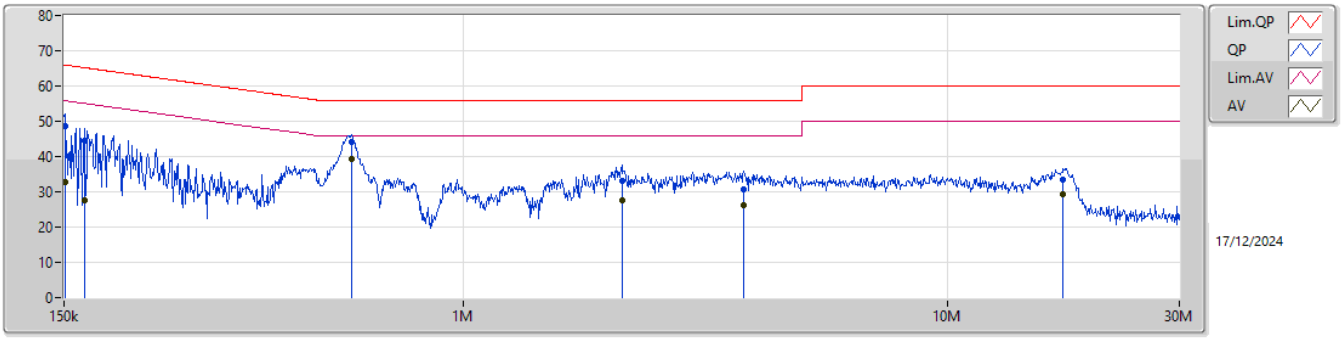
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	587.518k	39.23	46.00	-6.77	Line

Result

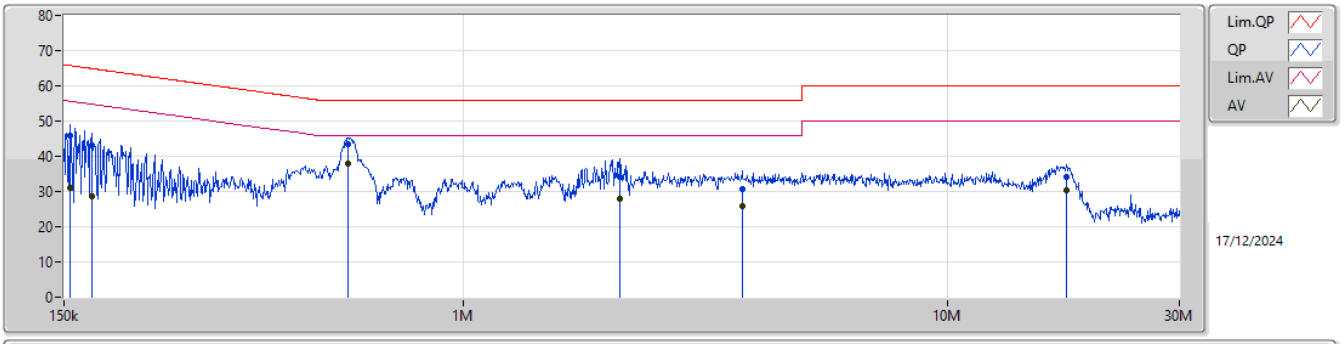
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	150.6k	48.53	65.96	-17.43	Line
Mode 1	Pass	AV	150.6k	32.67	55.96	-23.29	Line
Mode 1	Pass	QP	165.082k	44.54	65.20	-20.66	Line
Mode 1	Pass	AV	165.082k	27.69	55.20	-27.51	Line
Mode 1	Pass	QP	587.518k	44.08	56.00	-11.92	Line
Mode 1	Pass	AV	587.518k	39.23	46.00	-6.77	Line
Mode 1	Pass	QP	2.125M	33.19	56.00	-22.81	Line
Mode 1	Pass	AV	2.125M	27.48	46.00	-18.52	Line
Mode 1	Pass	QP	3.79M	30.72	56.00	-25.28	Line
Mode 1	Pass	AV	3.79M	26.22	46.00	-19.78	Line
Mode 1	Pass	QP	17.277M	33.28	60.00	-26.72	Line
Mode 1	Pass	AV	17.277M	29.34	50.00	-20.66	Line
Mode 1	Pass	QP	154.251k	45.70	65.77	-20.07	Neutral
Mode 1	Pass	AV	154.251k	30.92	55.77	-24.85	Neutral
Mode 1	Pass	QP	171.121k	42.97	64.91	-21.94	Neutral
Mode 1	Pass	AV	171.121k	28.77	54.91	-26.14	Neutral
Mode 1	Pass	QP	578.211k	43.54	56.00	-12.46	Neutral
Mode 1	Pass	AV	578.211k	38.05	46.00	-7.95	Neutral
Mode 1	Pass	QP	2.108M	34.16	56.00	-21.84	Neutral
Mode 1	Pass	AV	2.108M	27.98	46.00	-18.02	Neutral
Mode 1	Pass	QP	3.76M	30.57	56.00	-25.43	Neutral
Mode 1	Pass	AV	3.76M	26.01	46.00	-19.99	Neutral
Mode 1	Pass	QP	17.555M	34.20	60.00	-25.80	Neutral
Mode 1	Pass	AV	17.555M	30.28	50.00	-19.72	Neutral

Conducted Emissions at Powerline_Mode 1



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	150.6k	48.53	65.96	-17.43	19.70	Line	-	28.83	9.66	0.07	9.97
AV	150.6k	32.67	55.96	-23.29	19.70	Line	-	12.97	9.66	0.07	9.97
QP	165.082k	44.54	65.20	-20.66	19.70	Line	-	24.84	9.66	0.07	9.97
AV	165.082k	27.69	55.20	-27.51	19.70	Line	-	7.99	9.66	0.07	9.97
QP	587.518k	44.08	56.00	-11.92	19.74	Line	-	24.34	9.65	0.11	9.98
AV	587.518k	39.23	46.00	-6.77	19.74	Line	-	19.49	9.65	0.11	9.98
QP	2.125M	33.19	56.00	-22.81	19.75	Line	-	13.44	9.67	0.11	9.97
AV	2.125M	27.48	46.00	-18.52	19.75	Line	-	7.73	9.67	0.11	9.97
QP	3.79M	30.72	56.00	-25.28	19.74	Line	-	10.98	9.69	0.07	9.98
AV	3.79M	26.22	46.00	-19.78	19.74	Line	-	6.48	9.69	0.07	9.98
QP	17.277M	33.28	60.00	-26.72	19.77	Line	-	13.51	9.69	0.10	9.98
AV	17.277M	29.34	50.00	-20.66	19.77	Line	-	9.57	9.69	0.10	9.98

Conducted Emissions at Powerline_Mode 1



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	154.251k	45.70	65.77	-20.07	19.64	Neutral	-	26.06	9.60	0.07	9.97
AV	154.251k	30.92	55.77	-24.85	19.64	Neutral	-	11.28	9.60	0.07	9.97
QP	171.121k	42.97	64.91	-21.94	19.65	Neutral	-	23.32	9.60	0.08	9.97
AV	171.121k	28.77	54.91	-26.14	19.65	Neutral	-	9.12	9.60	0.08	9.97
QP	578.211k	43.54	56.00	-12.46	19.69	Neutral	-	23.85	9.60	0.11	9.98
AV	578.211k	38.05	46.00	-7.95	19.69	Neutral	-	18.36	9.60	0.11	9.98
QP	2.108M	34.16	56.00	-21.84	19.69	Neutral	-	14.47	9.61	0.11	9.97
AV	2.108M	27.98	46.00	-18.02	19.69	Neutral	-	8.29	9.61	0.11	9.97
QP	3.76M	30.57	56.00	-25.43	19.67	Neutral	-	10.90	9.62	0.07	9.98
AV	3.76M	26.01	46.00	-19.99	19.67	Neutral	-	6.34	9.62	0.07	9.98
QP	17.555M	34.20	60.00	-25.80	19.76	Neutral	-	14.44	9.67	0.11	9.98
AV	17.555M	30.28	50.00	-19.72	19.76	Neutral	-	10.52	9.67	0.11	9.98

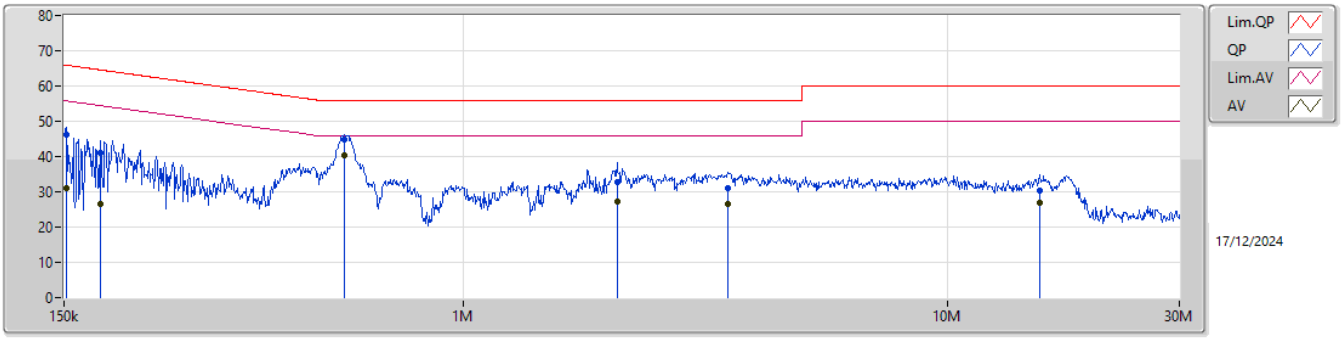
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	569.051k	40.37	46.00	-5.63	Line

Result

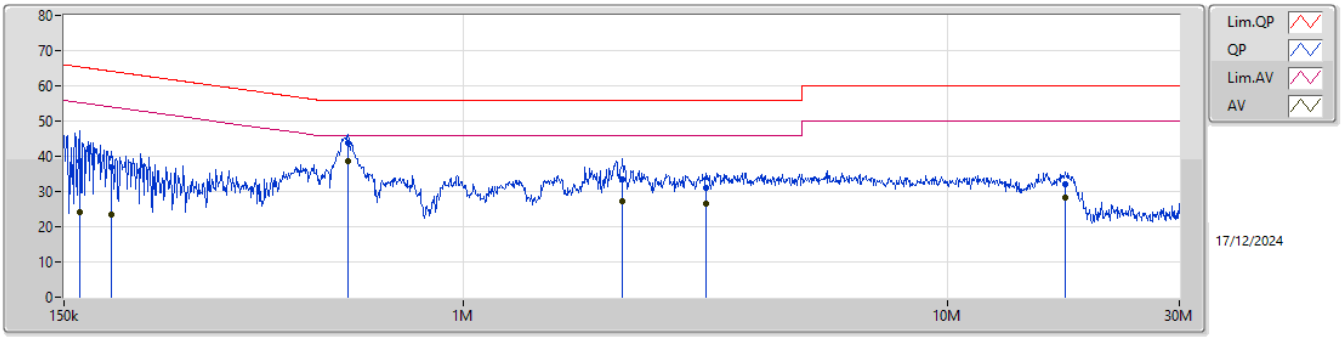
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	151.807k	46.27	65.90	-19.63	Line
Mode 1	Pass	AV	151.807k	31.16	55.90	-24.74	Line
Mode 1	Pass	QP	178.803k	40.93	64.55	-23.62	Line
Mode 1	Pass	AV	178.803k	26.50	54.55	-28.05	Line
Mode 1	Pass	QP	569.051k	44.95	56.00	-11.05	Line
Mode 1	Pass	AV	569.051k	40.37	46.00	-5.63	Line
Mode 1	Pass	QP	2.074M	32.82	56.00	-23.18	Line
Mode 1	Pass	AV	2.074M	27.18	46.00	-18.82	Line
Mode 1	Pass	QP	3.513M	31.09	56.00	-24.91	Line
Mode 1	Pass	AV	3.513M	26.50	46.00	-19.50	Line
Mode 1	Pass	QP	15.45M	30.44	60.00	-29.56	Line
Mode 1	Pass	AV	15.45M	26.76	50.00	-23.24	Line
Mode 1	Pass	QP	161.82k	38.64	65.37	-26.73	Neutral
Mode 1	Pass	AV	161.82k	24.29	55.37	-31.08	Neutral
Mode 1	Pass	QP	188.327k	36.79	64.11	-27.32	Neutral
Mode 1	Pass	AV	188.327k	23.59	54.11	-30.52	Neutral
Mode 1	Pass	QP	578.211k	43.87	56.00	-12.13	Neutral
Mode 1	Pass	AV	578.211k	38.46	46.00	-7.54	Neutral
Mode 1	Pass	QP	2.133M	33.38	56.00	-22.62	Neutral
Mode 1	Pass	AV	2.133M	27.24	46.00	-18.76	Neutral
Mode 1	Pass	QP	3.167M	30.96	56.00	-25.04	Neutral
Mode 1	Pass	AV	3.167M	26.38	46.00	-19.62	Neutral
Mode 1	Pass	QP	17.485M	31.99	60.00	-28.01	Neutral
Mode 1	Pass	AV	17.485M	28.15	50.00	-21.85	Neutral

Conducted Emissions at Powerline_Mode 1



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	151.807k	46.27	65.90	-19.63	19.70	Line	-	26.57	9.66	0.07	9.97
AV	151.807k	31.16	55.90	-24.74	19.70	Line	-	11.46	9.66	0.07	9.97
QP	178.803k	40.93	64.55	-23.62	19.70	Line	-	21.23	9.65	0.08	9.97
AV	178.803k	26.50	54.55	-28.05	19.70	Line	-	6.80	9.65	0.08	9.97
QP	569.051k	44.95	56.00	-11.05	19.74	Line	-	25.21	9.65	0.11	9.98
AV	569.051k	40.37	46.00	-5.63	19.74	Line	-	20.63	9.65	0.11	9.98
QP	2.074M	32.82	56.00	-23.18	19.75	Line	-	13.07	9.67	0.11	9.97
AV	2.074M	27.18	46.00	-18.82	19.75	Line	-	7.43	9.67	0.11	9.97
QP	3.513M	31.09	56.00	-24.91	19.75	Line	-	11.34	9.69	0.08	9.98
AV	3.513M	26.50	46.00	-19.50	19.75	Line	-	6.75	9.69	0.08	9.98
QP	15.45M	30.44	60.00	-29.56	19.76	Line	-	10.68	9.69	0.09	9.98
AV	15.45M	26.76	50.00	-23.24	19.76	Line	-	7.00	9.69	0.09	9.98

Conducted Emissions at Powerline_Mode 1



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	161.82k	38.64	65.37	-26.73	19.64	Neutral	-	19.00	9.60	0.07	9.97
AV	161.82k	24.29	55.37	-31.08	19.64	Neutral	-	4.65	9.60	0.07	9.97
QP	188.327k	36.79	64.11	-27.32	19.65	Neutral	-	17.14	9.60	0.08	9.97
AV	188.327k	23.59	54.11	-30.52	19.65	Neutral	-	3.94	9.60	0.08	9.97
QP	578.211k	43.87	56.00	-12.13	19.69	Neutral	-	24.18	9.60	0.11	9.98
AV	578.211k	38.46	46.00	-7.54	19.69	Neutral	-	18.77	9.60	0.11	9.98
QP	2.133M	33.38	56.00	-22.62	19.69	Neutral	-	13.69	9.61	0.11	9.97
AV	2.133M	27.24	46.00	-18.76	19.69	Neutral	-	7.55	9.61	0.11	9.97
QP	3.167M	30.96	56.00	-25.04	19.68	Neutral	-	11.28	9.62	0.08	9.98
AV	3.167M	26.38	46.00	-19.62	19.68	Neutral	-	6.70	9.62	0.08	9.98
QP	17.485M	31.99	60.00	-28.01	19.76	Neutral	-	12.23	9.67	0.11	9.98
AV	17.485M	28.15	50.00	-21.85	19.76	Neutral	-	8.39	9.67	0.11	9.98

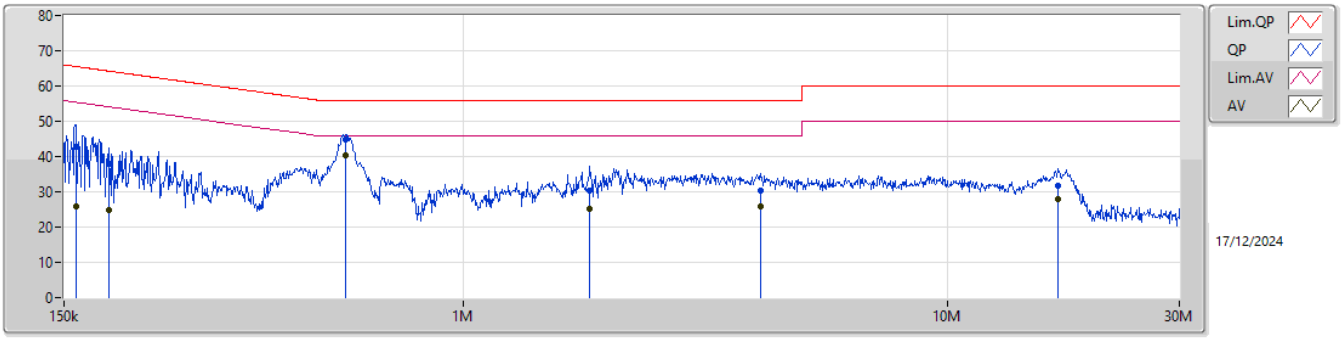
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	571.327k	40.21	46.00	-5.79	Line

Result

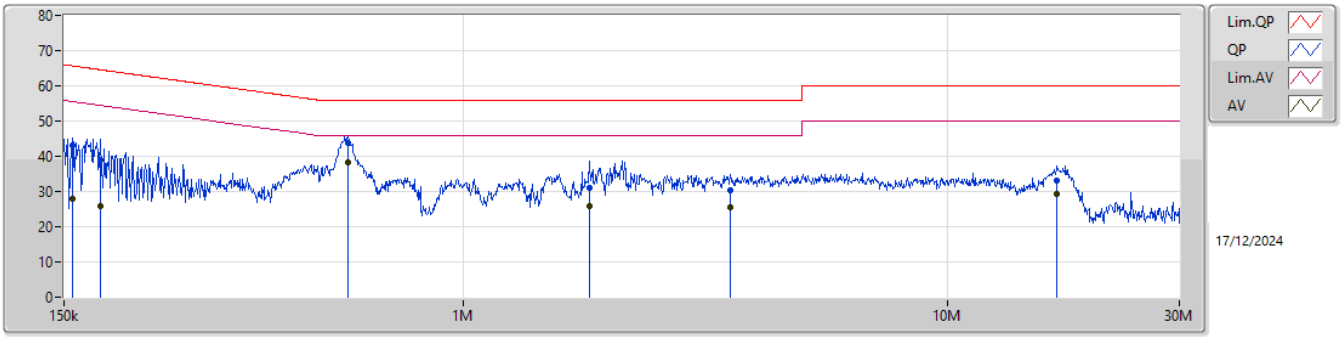
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	158.622k	42.89	65.54	-22.65	Line
Mode 1	Pass	AV	158.622k	25.95	55.54	-29.59	Line
Mode 1	Pass	QP	185.344k	37.93	64.24	-26.31	Line
Mode 1	Pass	AV	185.344k	24.97	54.24	-29.27	Line
Mode 1	Pass	QP	571.327k	44.82	56.00	-11.18	Line
Mode 1	Pass	AV	571.327k	40.21	46.00	-5.79	Line
Mode 1	Pass	QP	1.826M	30.37	56.00	-25.63	Line
Mode 1	Pass	AV	1.826M	25.24	46.00	-20.76	Line
Mode 1	Pass	QP	4.105M	30.19	56.00	-25.81	Line
Mode 1	Pass	AV	4.105M	25.75	46.00	-20.25	Line
Mode 1	Pass	QP	16.868M	31.83	60.00	-28.17	Line
Mode 1	Pass	AV	16.868M	27.98	50.00	-22.02	Line
Mode 1	Pass	QP	156.109k	43.05	65.67	-22.62	Neutral
Mode 1	Pass	AV	156.109k	27.99	55.67	-27.68	Neutral
Mode 1	Pass	QP	178.091k	38.87	64.57	-25.70	Neutral
Mode 1	Pass	AV	178.091k	25.93	54.57	-28.64	Neutral
Mode 1	Pass	QP	578.211k	43.66	56.00	-12.34	Neutral
Mode 1	Pass	AV	578.211k	38.28	46.00	-7.72	Neutral
Mode 1	Pass	QP	1.818M	30.95	56.00	-25.05	Neutral
Mode 1	Pass	AV	1.818M	25.93	46.00	-20.07	Neutral
Mode 1	Pass	QP	3.556M	30.34	56.00	-25.66	Neutral
Mode 1	Pass	AV	3.556M	25.53	46.00	-20.47	Neutral
Mode 1	Pass	QP	16.801M	33.00	60.00	-27.00	Neutral
Mode 1	Pass	AV	16.801M	29.16	50.00	-20.84	Neutral

Conducted Emissions at Powerline_Mode 1



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	158.622k	42.89	65.54	-22.65	19.70	Line	-	23.19	9.66	0.07	9.97
AV	158.622k	25.95	55.54	-29.59	19.70	Line	-	6.25	9.66	0.07	9.97
QP	185.344k	37.93	64.24	-26.31	19.70	Line	-	18.23	9.65	0.08	9.97
AV	185.344k	24.97	54.24	-29.27	19.70	Line	-	5.27	9.65	0.08	9.97
QP	571.327k	44.82	56.00	-11.18	19.74	Line	-	25.08	9.65	0.11	9.98
AV	571.327k	40.21	46.00	-5.79	19.74	Line	-	20.47	9.65	0.11	9.98
QP	1.826M	30.37	56.00	-25.63	19.75	Line	-	10.62	9.67	0.11	9.97
AV	1.826M	25.24	46.00	-20.76	19.75	Line	-	5.49	9.67	0.11	9.97
QP	4.105M	30.19	56.00	-25.81	19.74	Line	-	10.45	9.69	0.07	9.98
AV	4.105M	25.75	46.00	-20.25	19.74	Line	-	6.01	9.69	0.07	9.98
QP	16.868M	31.83	60.00	-28.17	19.77	Line	-	12.06	9.69	0.10	9.98
AV	16.868M	27.98	50.00	-22.02	19.77	Line	-	8.21	9.69	0.10	9.98

Conducted Emissions at Powerline_Mode 1



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	156.109k	43.05	65.67	-22.62	19.64	Neutral	-	23.41	9.60	0.07	9.97
AV	156.109k	27.99	55.67	-27.68	19.64	Neutral	-	8.35	9.60	0.07	9.97
QP	178.091k	38.87	64.57	-25.70	19.65	Neutral	-	19.22	9.60	0.08	9.97
AV	178.091k	25.93	54.57	-28.64	19.65	Neutral	-	6.28	9.60	0.08	9.97
QP	578.211k	43.66	56.00	-12.34	19.69	Neutral	-	23.97	9.60	0.11	9.98
AV	578.211k	38.28	46.00	-7.72	19.69	Neutral	-	18.59	9.60	0.11	9.98
QP	1.818M	30.95	56.00	-25.05	19.69	Neutral	-	11.26	9.61	0.11	9.97
AV	1.818M	25.93	46.00	-20.07	19.69	Neutral	-	6.24	9.61	0.11	9.97
QP	3.556M	30.34	56.00	-25.66	19.68	Neutral	-	10.66	9.62	0.08	9.98
AV	3.556M	25.53	46.00	-20.47	19.68	Neutral	-	5.85	9.62	0.08	9.98
QP	16.801M	33.00	60.00	-27.00	19.75	Neutral	-	13.25	9.67	0.10	9.98
AV	16.801M	29.16	50.00	-20.84	19.75	Neutral	-	9.41	9.67	0.10	9.98

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
3.1-10.6GHz	-	-	-	-	-
Ultra Wide Band_Nss1,(HRP)_1TX(Port1)	516M	647.435M	647MD1D	516M	647.435M
Ultra Wide Band_Nss1,(HRP)_1TX(Port2)	535.5M	913.5M	914MD1D	535.5M	913.5M

Max-N dB = Maximum 10dB down bandwidth; Max-OBW = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 10dB down bandwidth; Min-OBW = Minimum 99% occupied bandwidth

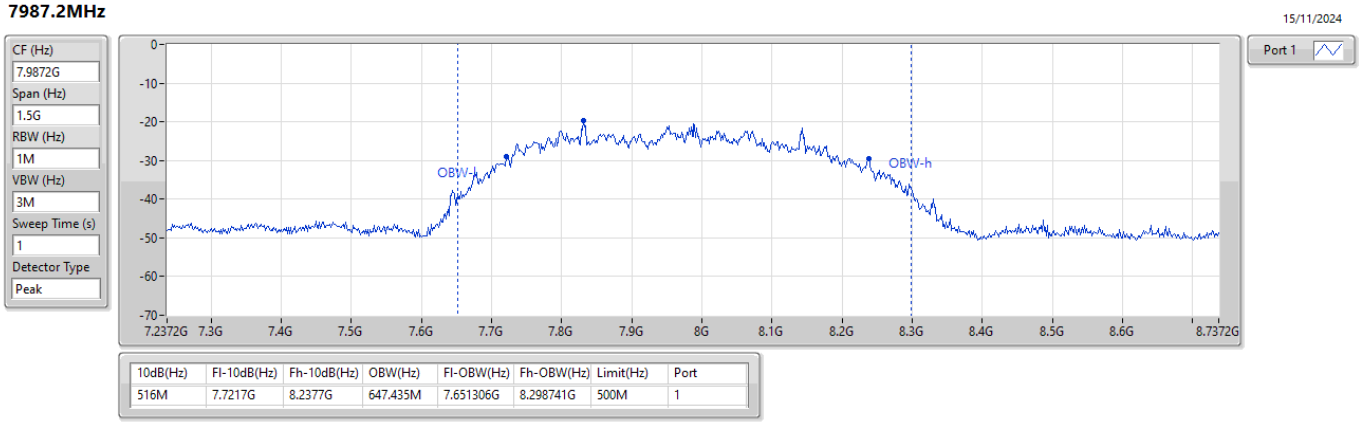
Result

Mode	Result	Limit (Hz)	F_M (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
Ultra Wide Band_Nss1,(HRP)_1TX(Port1)	-	-		-	-	-	-
7987.2MHz	Pass	500M	7831.4M	516M	647.435M		
Ultra Wide Band_Nss1,(HRP)_1TX(Port2)	-	-		-	-	-	-
7987.2MHz	Pass	500M	7831.2M			535.5M	913.5M

Port X-N dB = Port X 10dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

3.1-10.6GHz_Ultra Wide Band_Nss1,(HRP)_1TX(Port1) **EBW**

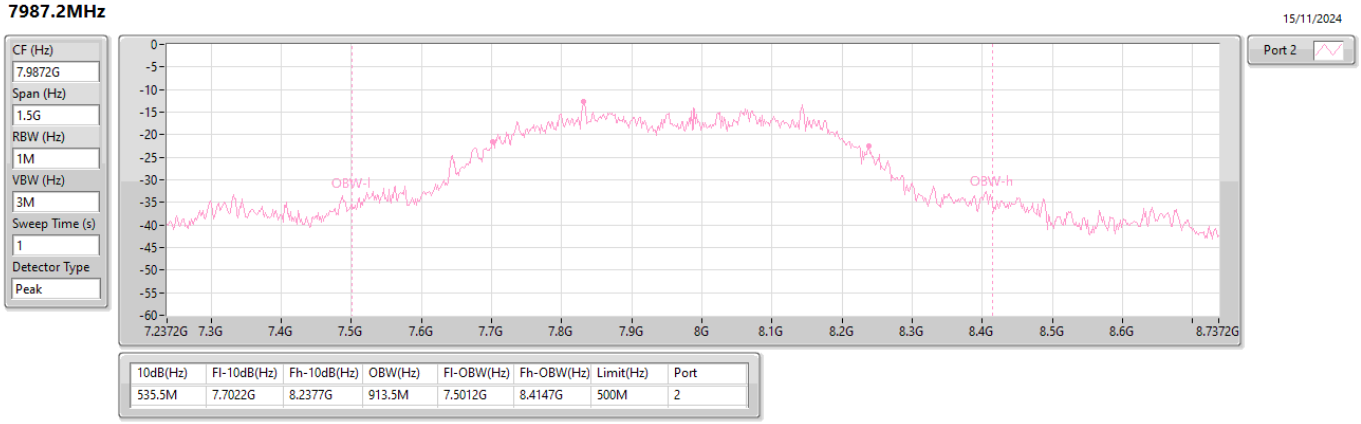
7987.2MHz



10dB(Hz)	Fl-10dB(Hz)	Fh-10dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
516M	7.7217G	8.2377G	647.435M	7.651306G	8.298741G	500M	1

3.1-10.6GHz_Ultra Wide Band_Nss1,(HRP)_1TX(Port2) **EBW**

7987.2MHz



10dB(Hz)	Fl-10dB(Hz)	Fh-10dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
535.5M	7.7022G	8.2377G	913.5M	7.5012G	8.4147G	500M	2

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
3.1-10.6GHz	-	-	-	-	-
Ultra Wide Band_Nss1,(HRP)_1TX(Port1)	586.5M	766.682M	767MD1D	586.5M	766.682M
Ultra Wide Band_Nss1,(HRP)_1TX(Port2)	502.5M	638.514M	639MD1D	502.5M	638.514M

Max-N dB = Maximum 10dB down bandwidth; Max-OBW = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 10dB down bandwidth; Min-OBW = Minimum 99% occupied bandwidth

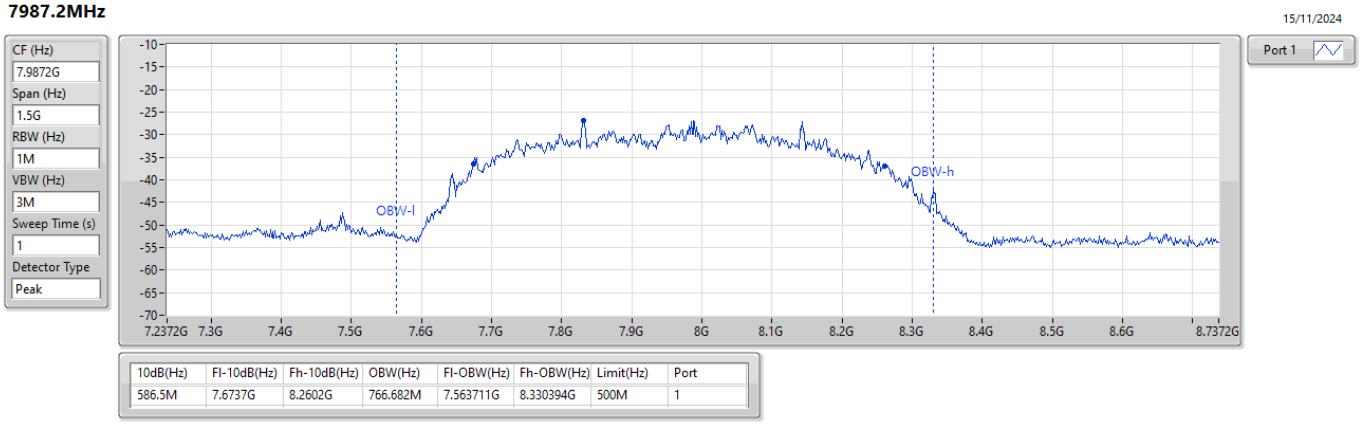
Result

Mode	Result	Limit (Hz)	F_M (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
Ultra Wide Band_Nss1,(HRP)_1TX(Port1)	-	-		-	-	-	-
7987.2MHz	Pass	500M	7831.4M	586.5M	766.682M		
Ultra Wide Band_Nss1,(HRP)_1TX(Port2)	-	-		-	-	-	-
7987.2MHz	Pass	500M	7987.2M			502.5M	638.514M

Port X-N dB = Port X 10dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

3.1-10.6GHz_Ultra Wide Band_Nss1,(HRP)_1TX(Port1) **EBW**

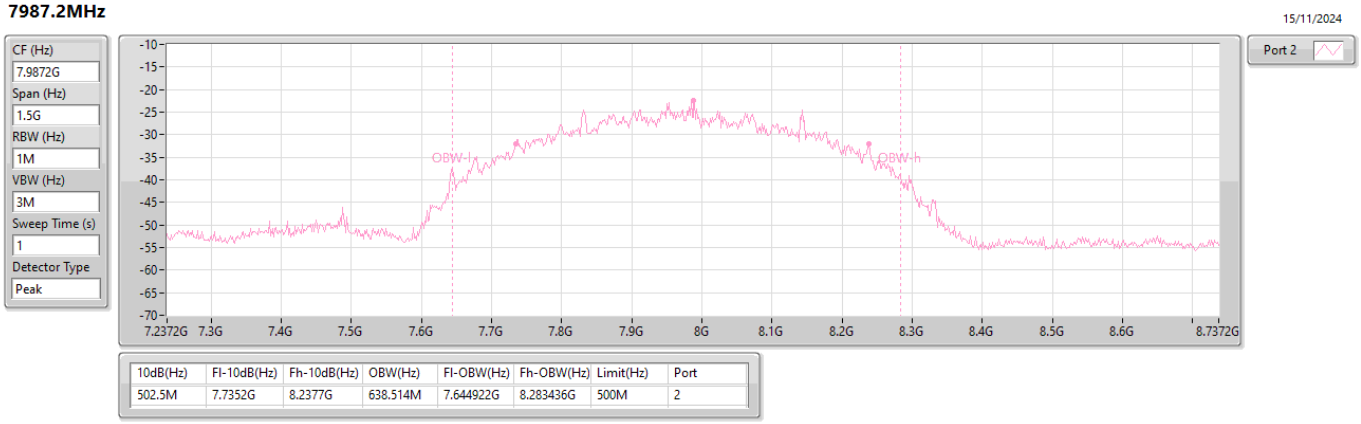
7987.2MHz



10dB(Hz)	Fl-10dB(Hz)	Fh-10dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
586.5M	7.6737G	8.2602G	766.682M	7.563711G	8.330394G	500M	1

3.1-10.6GHz_Ultra Wide Band_Nss1,(HRP)_1TX(Port2) **EBW**

7987.2MHz



10dB(Hz)	Fl-10dB(Hz)	Fh-10dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
502.5M	7.7352G	8.2377G	638.514M	7.644922G	8.283436G	500M	2

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
3.1-10.6GHz	-	-	-	-	-
Ultra Wide Band_Nss1,(HRP)_1TX(Port1)	543M	686.314M	686MD1D	543M	686.314M
Ultra Wide Band_Nss1,(HRP)_1TX(Port2)	501M	611.389M	611MD1D	501M	611.389M

Max-N dB = Maximum 10dB down bandwidth; Max-OBW = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 10dB down bandwidth; Min-OBW = Minimum 99% occupied bandwidth

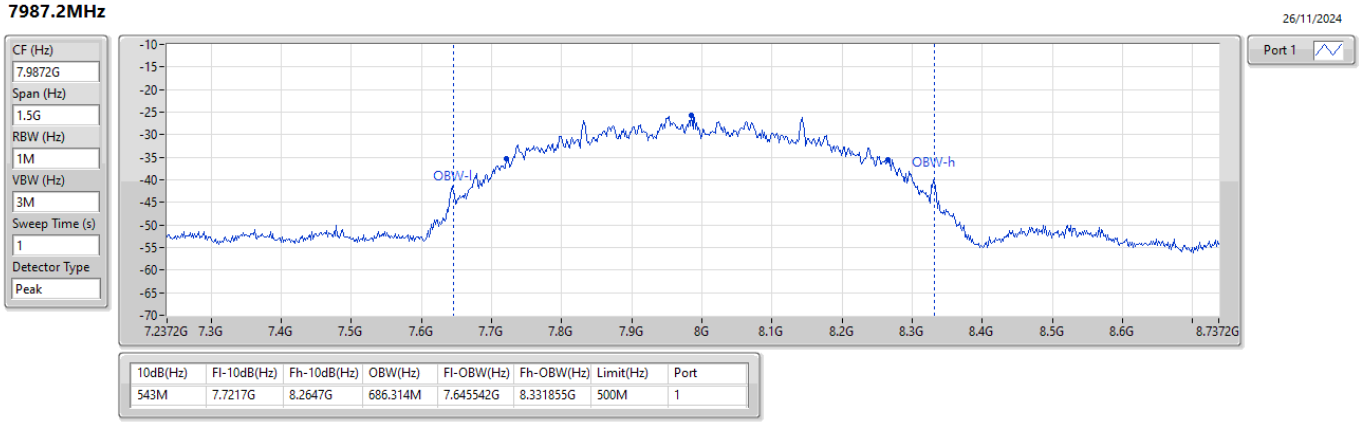
Result

Mode	Result	Limit (Hz)	F_M (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
Ultra Wide Band_Nss1,(HRP)_1TX(Port1)	-	-		-	-	-	-
7987.2MHz	Pass	500M	7987.2M	543M	686.314M		
Ultra Wide Band_Nss1,(HRP)_1TX(Port2)	-	-		-	-	-	-
7987.2MHz	Pass	500M	7949.7M			501M	611.389M

Port X-N dB = Port X 10dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

3.1-10.6GHz_Ultra Wide Band_Nss1,(HRP)_1TX(Port1) **EBW**

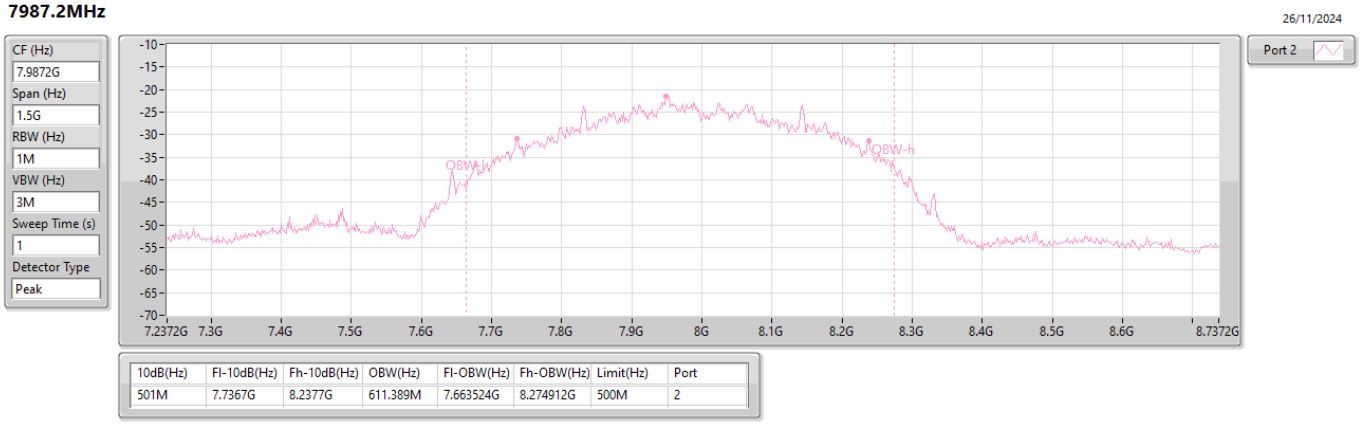
7987.2MHz



10dB(Hz)	Fl-10dB(Hz)	Fh-10dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
543M	7.7217G	8.2647G	686.314M	7.645542G	8.331855G	500M	1

3.1-10.6GHz_Ultra Wide Band_Nss1,(HRP)_1TX(Port2) **EBW**

7987.2MHz



10dB(Hz)	Fl-10dB(Hz)	Fh-10dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
501M	7.7367G	8.2377G	611.389M	7.663524G	8.274912G	500M	2

Summary

Mode	EIRP PD (dBm/50MHz)
3.1-10.6GHz	-
Ultra Wide Band_Nss1_1TX(Port1)	-0.10

Result

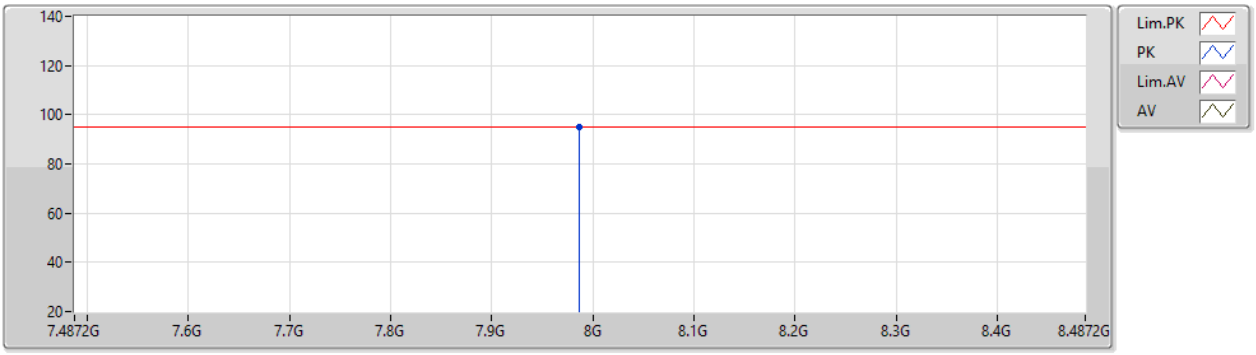
Mode	Result	Raw (dBuV/m)	RBW (MHz)	Factor (dB)	EIRP PD (dBm/50MHz)	EIRP PD Limit (dBm/50MHz)
Ultra Wide Band_Nss1_1TX(Port1)	-	-		-	-	-
7987.2 MHz	Pass	84.66	50	84.76	-0.10	0
Ultra Wide Band_Nss1_1TX(Port2)	-	-				-
7987.2 MHz	Pass	84.48	50	84.76	-0.28	0

Factor=20*log(RBW/50MHz) + 95.2 - (AF + CL - PA)
EIRP PD= RAW - Factor

Ultra Wide Band_Nss1_1TX(Port1)

14/11/2024

7987.2MHz_TX

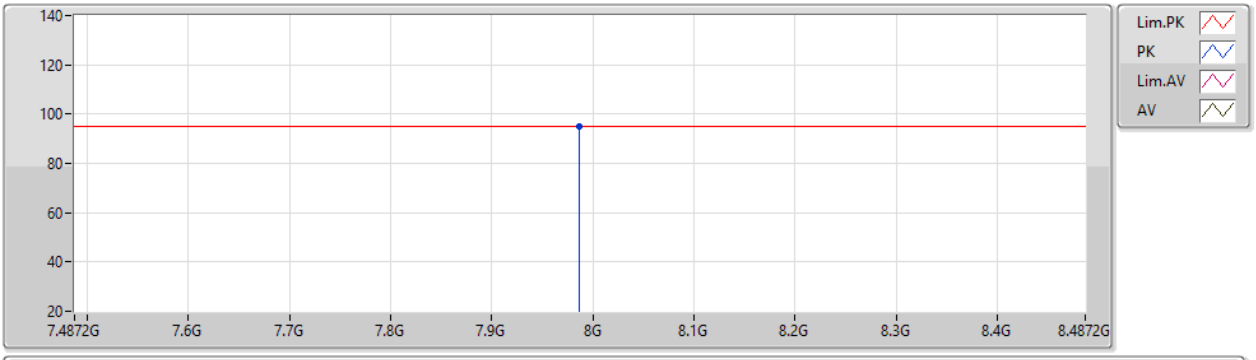


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
PK	7.9862G	95.10	95.20	-0.10	10.44	3	Horizontal	60	1.48	84.66	37.00	8.52	35.08

Ultra Wide Band_Nss1_1TX(Port2)

14/11/2024

7987.2MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
PK	7.9862G	94.92	95.20	-0.28	10.44	3	Vertical	349	2.24	84.48	37.00	8.52	35.08

Summary

Mode	EIRP PD (dBm/50MHz)
3.1-10.6GHz	-
Ultra Wide Band_Nss1_1TX(Port2)	-0.20

Result

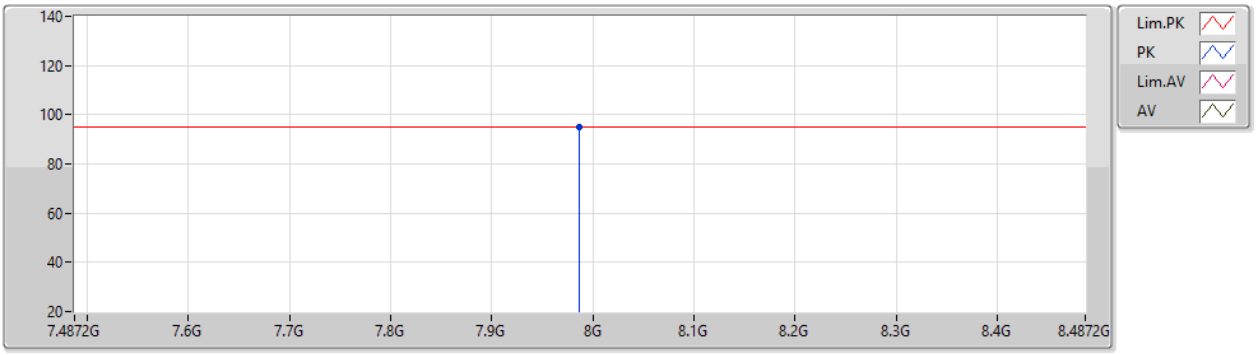
Mode	Result	Raw (dBuV/m)	RBW (MHz)	Factor (dB)	EIRP PD (dBm/50MHz)	EIRP PD Limit (dBm/50MHz)
Ultra Wide Band_Nss1_1TX(Port1)	-	-		-	-	-
7987.2 MHz	Pass	84.52	50	84.76	-0.24	0
Ultra Wide Band_Nss1_1TX(Port2)	-	-				-
7987.2 MHz	Pass	84.56	50	84.76	-0.20	0

Factor=20*log(RBW/50MHz) + 95.2 - (AF + CL - PA)
EIRP PD= RAW - Factor

Ultra Wide Band_Nss1_1TX(Port1)

13/11/2024

7987.2MHz_TX

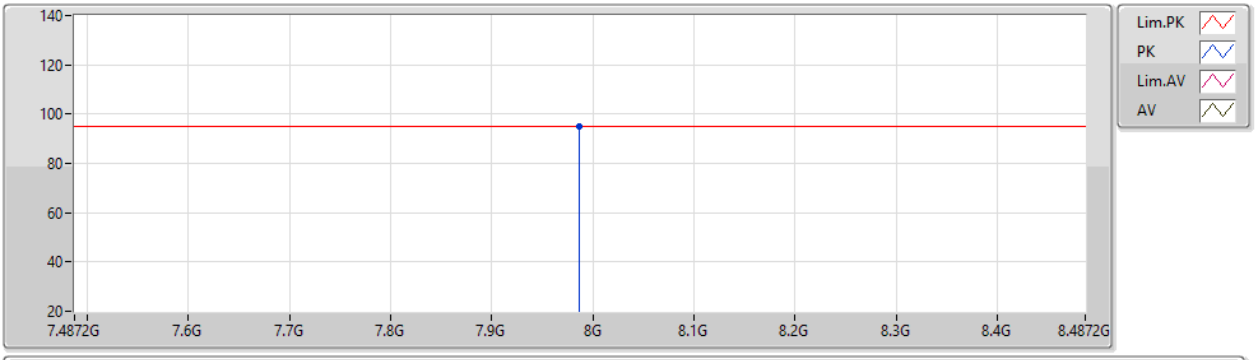


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
PK	7.9862G	94.96	95.20	-0.24	10.44	3	Vertical	0	1.00	84.52	37.00	8.52	35.08

Ultra Wide Band_Nss1_1TX(Port2)

13/11/2024

7987.2MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
PK	7.9862G	95.00	95.20	-0.20	10.44	3	Vertical	360	1.49	84.56	37.00	8.52	35.08

Summary

Mode	EIRP PD (dBm/50MHz)
3.1-10.6GHz	-
Ultra Wide Band_Nss1_1TX(Port1)	-0.10

Result

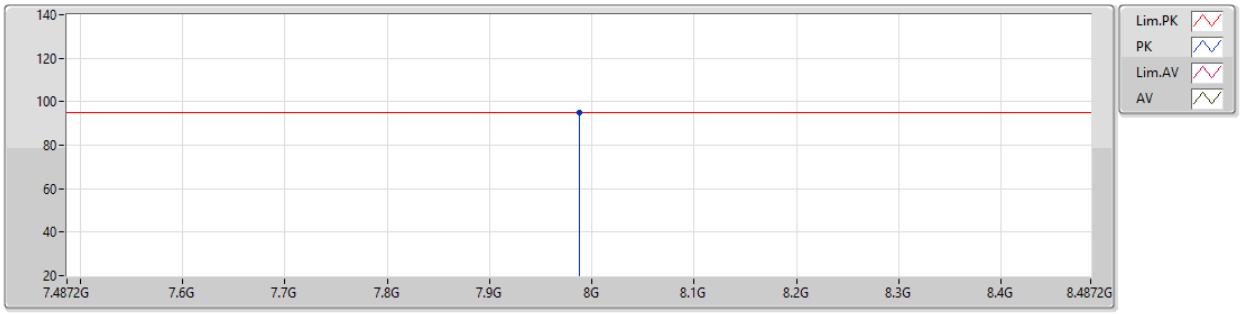
Mode	Result	Raw (dBuV/m)	RBW (MHz)	Factor (dB)	EIRP PD (dBm/50MHz)	EIRP PD Limit (dBm/50MHz)
Ultra Wide Band_Nss1_1TX(Port1)	-	-		-	-	-
7987.2 MHz	Pass	84.66	50	84.76	-0.10	0
Ultra Wide Band_Nss1_1TX(Port2)	-	-				-
7987.2 MHz	Pass	84.49	50	84.76	-0.27	0

Factor=20*log(RBW/50MHz) + 95.2 - (AF + CL - PA)
EIRP PD= RAW - Factor

Ultra Wide Band_Nss1_1TX(Port2)

7987.2MHz_TX

23/11/2024

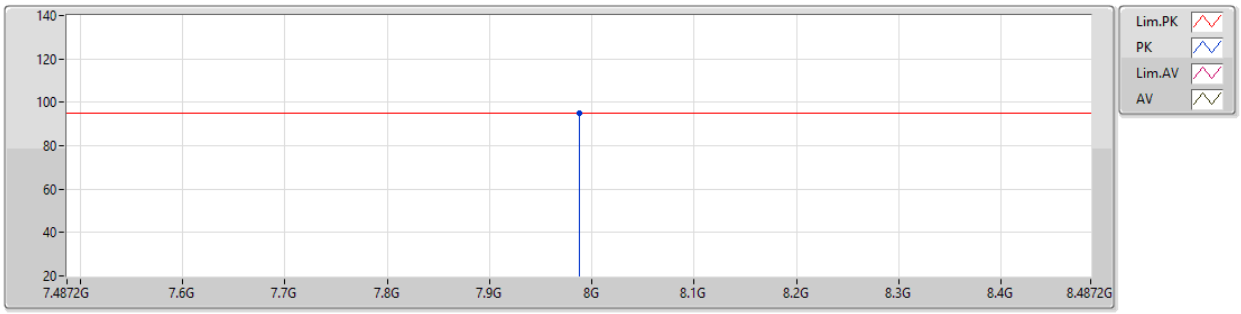


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
PK	7.9872G	94.93	95.20	-0.27	10.44	3	Vertical	7	2.26	84.49	37.00	8.52	35.08

Ultra Wide Band_Nss1_1TX(Port1)

7987.2MHz_TX

23/11/2024



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
PK	7.9872G	95.10	95.20	-0.10	10.44	3	Horizontal	50	1.00	84.66	37.00	8.52	35.08

Summary

Mode	EIRP PD (dBm/MHz)
3.1-10.6GHz	-
Ultra Wide Band_Nss1_1TX(Port1)	-45.75

Result

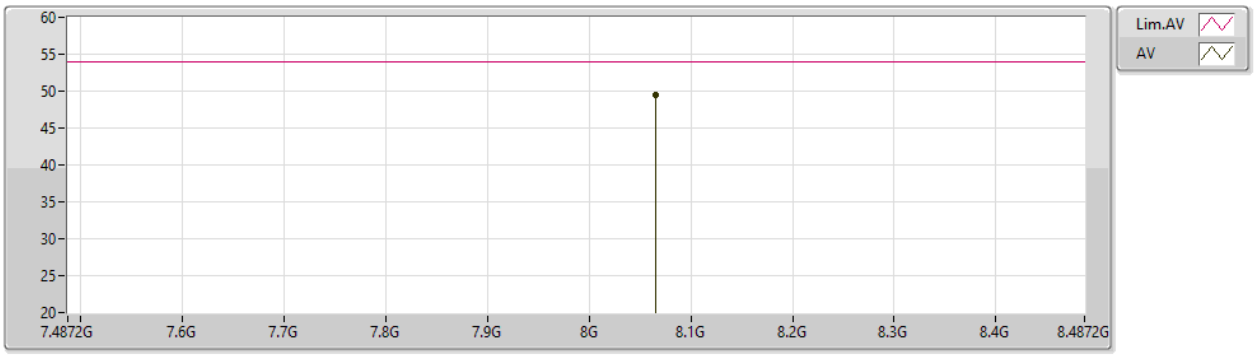
Mode	Result	Raw (dBuV/m)	RBW (MHz)	Factor (dB)	EIRP PD (dBm/MHz)	EIRP PD Limit (dBm/MHz)
Ultra Wide Band_Nss1_1TX(Port1)	-	-		-	-	-
7987.2MHz	Pass	38.93	1	84.68	-45.75	-41.30
Ultra Wide Band_Nss1_1TX(Port2)	-	-		-	-	-
7987.2 MHz	Pass	38.11	1	84.76	-46.65	-41.30

EIRP PD= Raw - 95.3 + (AF + CL - PA)

Ultra Wide Band_Nss1_1TX(Port1)

14/11/2024

7987.2MHz_TX

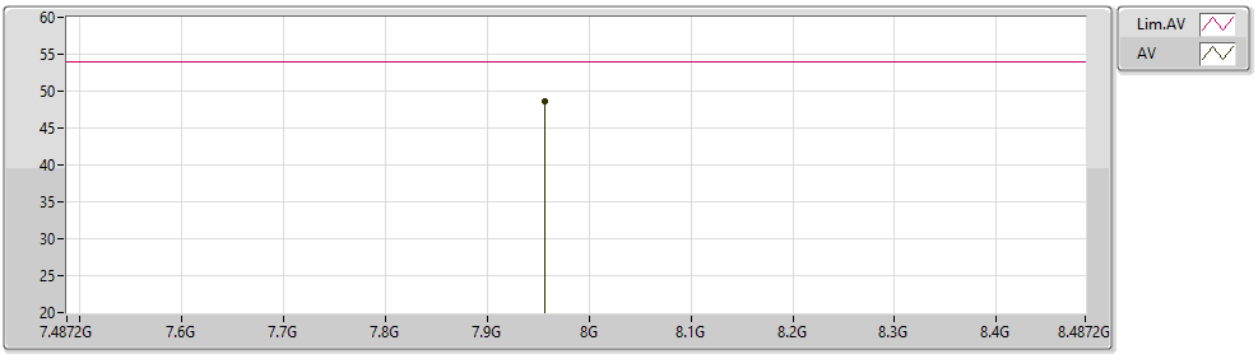


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	8.0652G	49.45	53.90	-4.45	10.52	3	Horizontal	60	1.48	38.93	37.00	8.58	35.06

Ultra Wide Band_Nss1_1TX(Port2)

14/11/2024

7987.2MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	7.9562G	48.55	53.90	-5.35	10.44	3	Vertical	349	2.24	38.11	37.00	8.51	35.07

Summary

Mode	EIRP PD (dBm/MHz)
3.1-10.6GHz	-
Ultra Wide Band_Nss1_1TX(Port1)	-45.65

Result

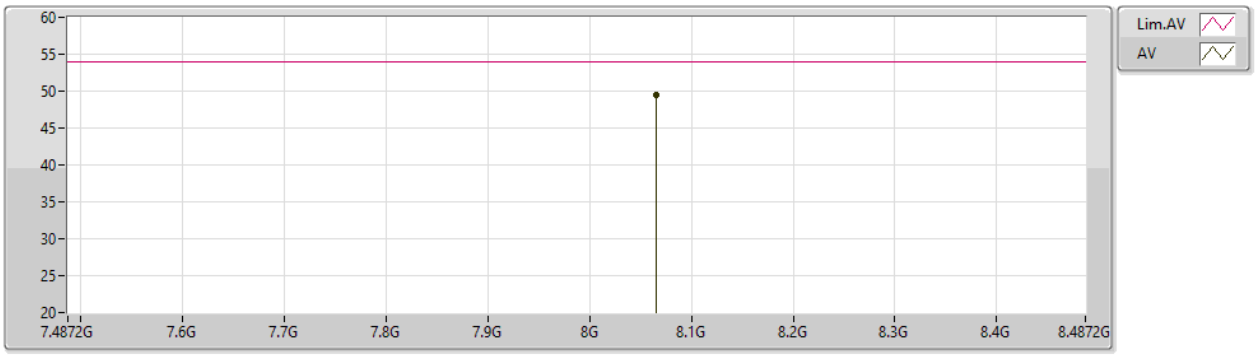
Mode	Result	Raw (dBuV/m)	RBW (MHz)	Factor (dB)	EIRP PD (dBm/MHz)	EIRP PD Limit (dBm/MHz)
Ultra Wide Band_Nss1_1TX(Port1)	-	-		-	-	-
7987.2MHz	Pass	39.03	1	84.68	-45.65	-41.30
Ultra Wide Band_Nss1_1TX(Port2)	-	-		-	-	-
7987.2 MHz	Pass	38.32	1	84.76	-46.44	-41.30

EIRP PD= Raw - 95.3 + (AF + CL - PA)

Ultra Wide Band_Nss1_1TX(Port1)

12/11/2024

7987.2MHz_TX

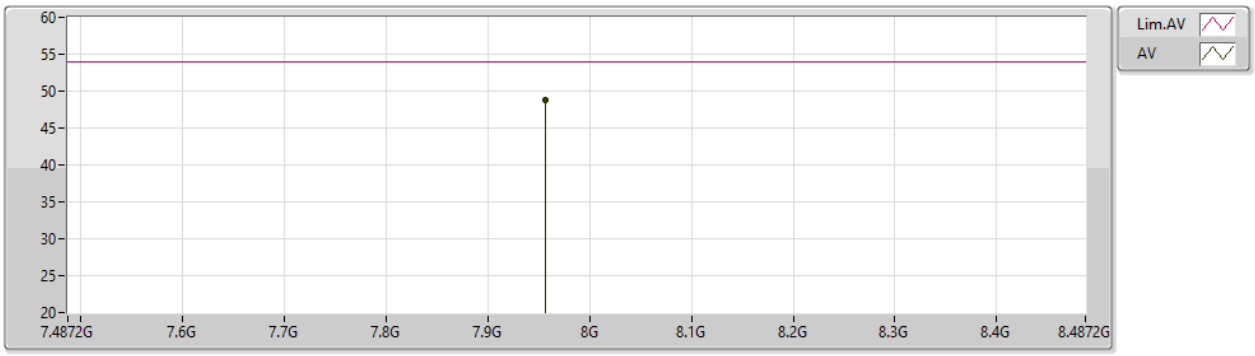


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	8.0652G	49.55	53.90	-4.35	10.52	3	Vertical	0	0.99	39.03	37.00	8.58	35.06

Ultra Wide Band_Nss1_1TX(Port2)

12/11/2024

7987.2MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	7.9562G	48.76	53.90	-5.14	10.44	3	Vertical	360	1.49	38.32	37.00	8.51	35.07

Summary

Mode	EIRP PD (dBm/MHz)
3.1-10.6GHz	-
Ultra Wide Band_Nss1_1TX(Port2)	-46.14

Result

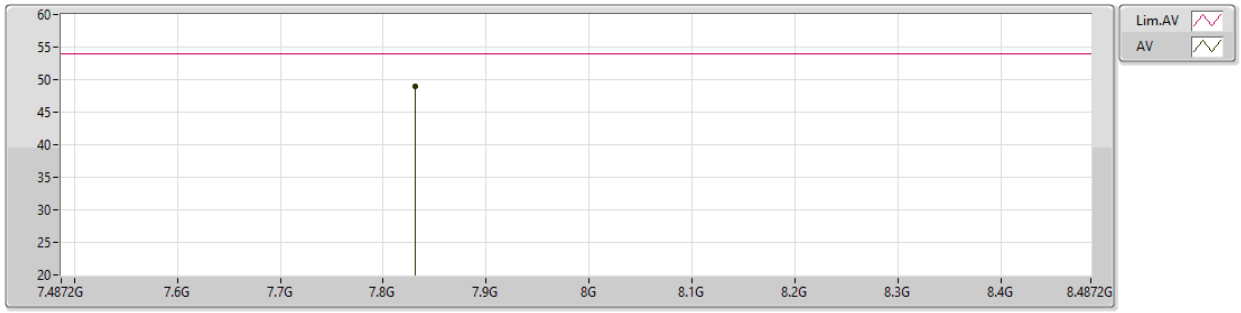
Mode	Result	Raw (dBuV/m)	RBW (MHz)	Factor (dB)	EIRP PD (dBm/MHz)	EIRP PD Limit (dBm/MHz)
Ultra Wide Band_Nss1_1TX(Port1)	-	-		-	-	-
7987.2MHz	Pass	38.72	1	84.95	-46.23	-41.30
Ultra Wide Band_Nss1_1TX(Port2)	-	-		-	-	-
7987.2 MHz	Pass	38.62	1	84.76	-46.14	-41.30

EIRP PD= Raw - 95.2 + (AF + CL - PA)

Ultra Wide Band_Nss1_1TX(Port1)

7987.2MHz_TX

23/11/2024

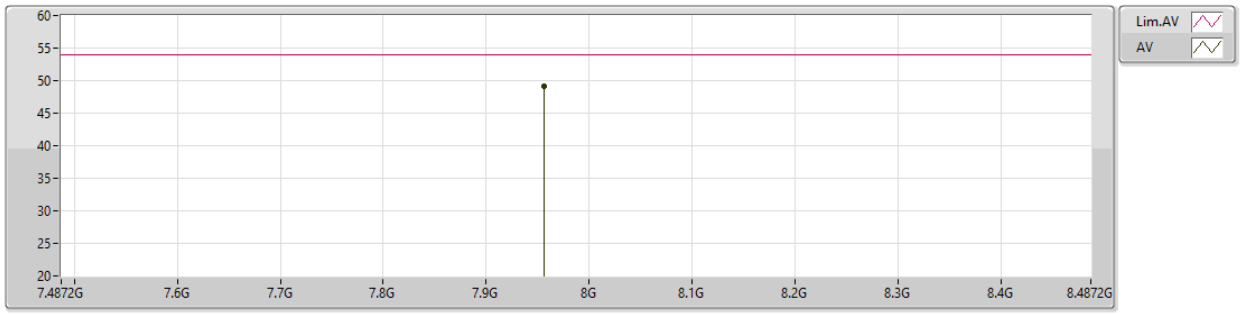


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	7.8312G	48.97	53.90	-4.93	10.25	3	Horizontal	50	1.00	38.72	36.86	8.45	35.06

Ultra Wide Band_Nss1_1TX(Port2)

7987.2MHz_TX

23/11/2024



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	7.9562G	49.06	53.90	-4.84	10.44	3	Vertical	7	2.26	38.62	37.00	8.51	35.07

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
3.1-10.6GHz	-	-	-	-	-	-	-	-	-	-
Ultra Wide Band_Nss1_1TX(Port1)	Pass	PK	50.46M	32.25	40.00	-7.75	3	Vertical	0	1.00
Ultra Wide Band_Nss1_1TX(Port2)	Pass	PK	50.46M	32.38	40.00	-7.62	3	Vertical	360	1.00

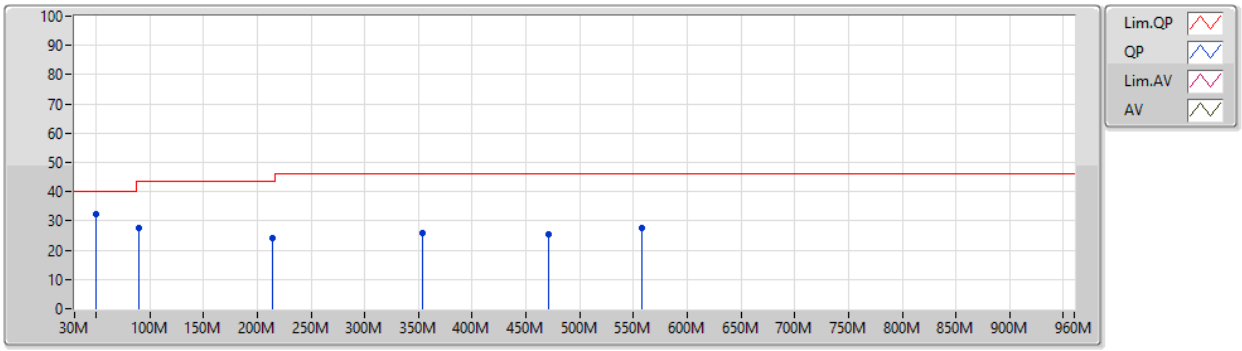
Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
Ultra Wide Band_Nss1_1TX(Port1)	-	-	-	-	-	-	-	-	-	-
7987.2MHz_PoE	Pass	PK	50.46M	32.25	40.00	-7.75	3	Vertical	0	1.00
7987.2MHz_PoE	Pass	PK	89.52M	27.78	43.50	-15.72	3	Vertical	0	1.00
7987.2MHz_PoE	Pass	PK	214.14M	24.04	43.50	-19.46	3	Vertical	0	1.00
7987.2MHz_PoE	Pass	PK	353.64M	25.91	46.00	-20.09	3	Vertical	0	1.00
7987.2MHz_PoE	Pass	PK	470.82M	25.41	46.00	-20.59	3	Vertical	0	1.00
7987.2MHz_PoE	Pass	PK	558.24M	27.52	46.00	-18.48	3	Vertical	0	1.00
7987.2MHz_PoE	Pass	PK	31.86M	24.11	40.00	-15.89	3	Horizontal	360	1.00
7987.2MHz_PoE	Pass	PK	95.1M	23.36	43.50	-20.14	3	Horizontal	360	1.00
7987.2MHz_PoE	Pass	PK	249.48M	25.66	46.00	-20.34	3	Horizontal	360	1.00
7987.2MHz_PoE	Pass	PK	353.64M	23.31	46.00	-22.69	3	Horizontal	360	1.00
7987.2MHz_PoE	Pass	PK	424.32M	26.14	46.00	-19.86	3	Horizontal	360	1.00
7987.2MHz_PoE	Pass	PK	506.16M	26.84	46.00	-19.16	3	Horizontal	360	1.00
Ultra Wide Band_Nss1_1TX(Port2)	-	-	-	-	-	-	-	-	-	-
7987.2MHz_PoE	Pass	PK	50.46M	32.38	40.00	-7.62	3	Vertical	360	1.00
7987.2MHz_PoE	Pass	PK	89.52M	24.46	43.50	-19.04	3	Vertical	360	1.00
7987.2MHz_PoE	Pass	PK	214.14M	23.34	43.50	-20.16	3	Vertical	360	1.00
7987.2MHz_PoE	Pass	PK	353.64M	25.59	46.00	-20.41	3	Vertical	360	1.00
7987.2MHz_PoE	Pass	PK	442.92M	25.32	46.00	-20.68	3	Vertical	360	1.00
7987.2MHz_PoE	Pass	PK	496.86M	27.47	46.00	-18.53	3	Vertical	360	1.00
7987.2MHz_PoE	Pass	PK	31.86M	24.56	40.00	-15.44	3	Horizontal	0	1.00
7987.2MHz_PoE	Pass	PK	139.74M	22.29	43.50	-21.21	3	Horizontal	0	1.00
7987.2MHz_PoE	Pass	PK	249.48M	25.16	46.00	-20.84	3	Horizontal	0	1.00
7987.2MHz_PoE	Pass	PK	372.24M	23.96	46.00	-22.04	3	Horizontal	0	1.00
7987.2MHz_PoE	Pass	PK	407.58M	26.16	46.00	-19.84	3	Horizontal	0	1.00
7987.2MHz_PoE	Pass	PK	547.08M	28.07	46.00	-17.93	3	Horizontal	0	1.00

Ultra Wide Band_Nss1_1TX(Port1)

16/11/2024

7987.2MHz_PoE

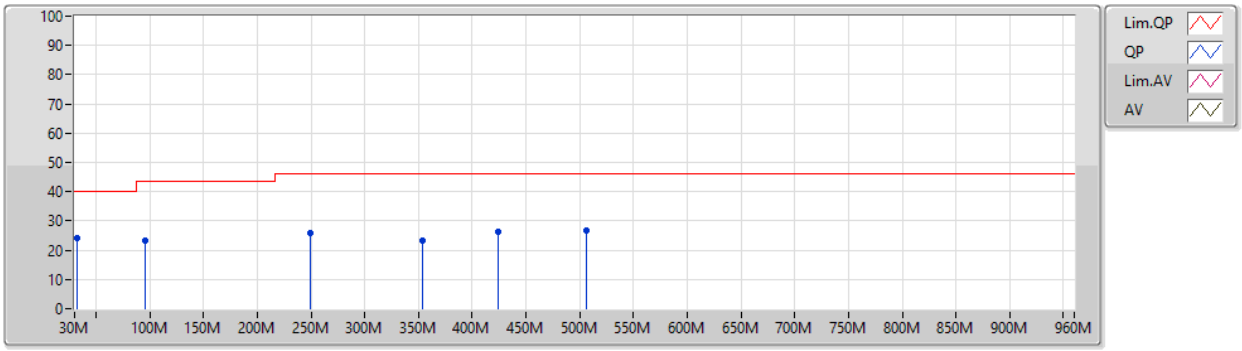


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
PK	50.46M	32.25	40.00	-7.75	-11.75	3	Vertical	0	1.00	44.00	12.69	1.53	25.97
PK	89.52M	27.78	43.50	-15.72	-12.18	3	Vertical	0	1.00	39.96	13.54	1.87	27.59
PK	214.14M	24.04	43.50	-19.46	-10.66	3	Vertical	0	1.00	34.70	13.53	3.03	27.22
PK	353.64M	25.91	46.00	-20.09	-4.18	3	Vertical	0	1.00	30.09	19.31	3.89	27.38
PK	470.82M	25.41	46.00	-20.59	-1.54	3	Vertical	0	1.00	26.95	21.92	4.71	28.17
PK	558.24M	27.52	46.00	-18.48	0.34	3	Vertical	0	1.00	27.18	23.42	5.24	28.32

Ultra Wide Band_Nss1_1TX(Port1)

16/11/2024

7987.2MHz_PoE

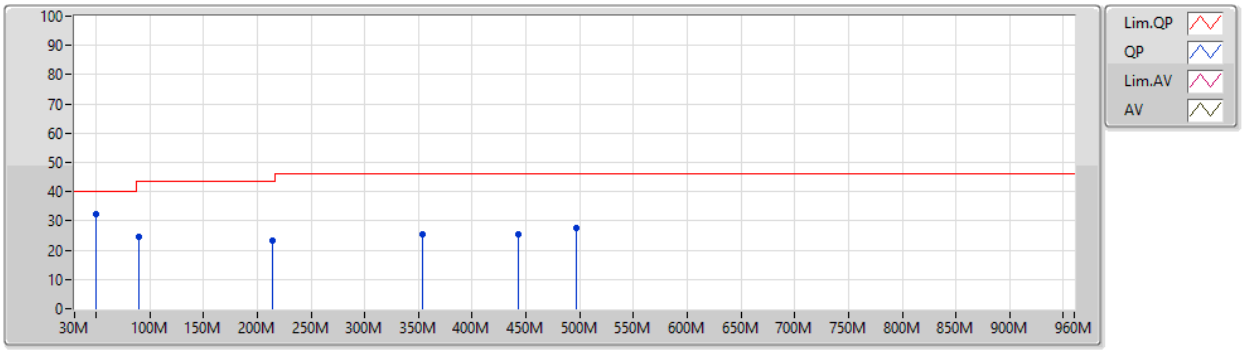


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
PK	31.86M	24.11	40.00	-15.89	-4.07	3	Horizontal	360	1.00	28.18	21.90	1.26	27.23
PK	95.1M	23.36	43.50	-20.14	-11.08	3	Horizontal	360	1.00	34.44	14.59	1.95	27.62
PK	249.48M	25.66	46.00	-20.34	-6.82	3	Horizontal	360	1.00	32.48	17.01	3.23	27.06
PK	353.64M	23.31	46.00	-22.69	-4.18	3	Horizontal	360	1.00	27.49	19.31	3.89	27.38
PK	424.32M	26.14	46.00	-19.86	-2.20	3	Horizontal	360	1.00	28.34	21.30	4.41	27.91
PK	506.16M	26.84	46.00	-19.16	-1.26	3	Horizontal	360	1.00	28.10	22.15	4.91	28.32

Ultra Wide Band_Nss1_1TX(Port2)

16/11/2024

7987.2MHz_PoE

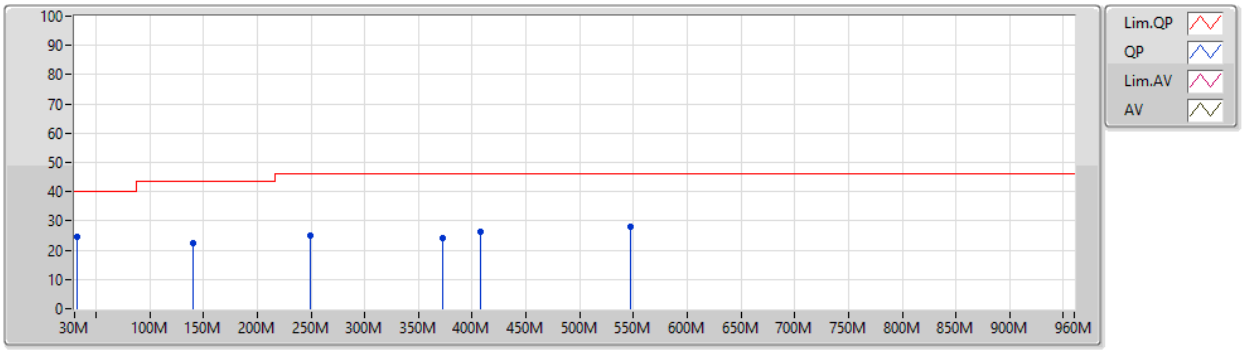


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
PK	50.46M	32.38	40.00	-7.62	-11.75	3	Vertical	360	1.00	44.13	12.69	1.53	25.97
PK	89.52M	24.46	43.50	-19.04	-12.18	3	Vertical	360	1.00	36.64	13.54	1.87	27.59
PK	214.14M	23.34	43.50	-20.16	-10.66	3	Vertical	360	1.00	34.00	13.53	3.03	27.22
PK	353.64M	25.59	46.00	-20.41	-4.18	3	Vertical	360	1.00	29.77	19.31	3.89	27.38
PK	442.92M	25.32	46.00	-20.68	-2.19	3	Vertical	360	1.00	27.51	21.29	4.54	28.02
PK	496.86M	27.47	46.00	-18.53	-1.26	3	Vertical	360	1.00	28.73	22.18	4.86	28.30

Ultra Wide Band_Nss1_1TX(Port2)

16/11/2024

7987.2MHz_PoE



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
PK	31.86M	24.56	40.00	-15.44	-4.07	3	Horizontal	0	1.00	28.63	21.90	1.26	27.23
PK	139.74M	22.29	43.50	-21.21	-9.21	3	Horizontal	0	1.00	31.50	15.94	2.40	27.55
PK	249.48M	25.16	46.00	-20.84	-6.82	3	Horizontal	0	1.00	31.98	17.01	3.23	27.06
PK	372.24M	23.96	46.00	-22.04	-3.85	3	Horizontal	0	1.00	27.81	19.67	4.02	27.54
PK	407.58M	26.16	46.00	-19.84	-2.68	3	Horizontal	0	1.00	28.84	20.85	4.28	27.81
PK	547.08M	28.07	46.00	-17.93	0.26	3	Horizontal	0	1.00	27.81	23.45	5.12	28.31

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
3.1-10.6GHz	-	-	-	-	-	-	-	-	-	-
Ultra Wide Band_Nss1_1TX(Port1)	Pass	AV	999.74M	27.08	-	-	3	Vertical	0	1.00
Ultra Wide Band_Nss1_1TX(Port2)	Pass	AV	999.74M	27.45	-	-	3	Vertical	360	1.00

Result

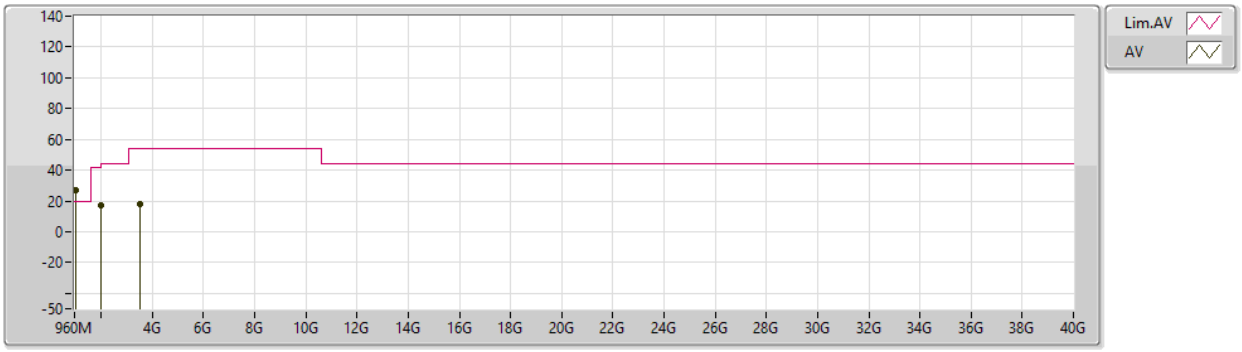
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
Ultra Wide Band_Nss1_1TX(Port1)	-	-	-	-	-	-	-	-	-	-
7987.2MHz	Pass	AV	999.74M	27.08	-	-	3	Vertical	0	1.00
7987.2MHz	Pass	AV	1.98182G	16.91	41.90	-24.99	3	Vertical	0	1.00
7987.2MHz	Pass	AV	3.5002G	18.05	53.90	-35.85	3	Vertical	0	1.00
7987.2MHz	Pass	AV	999.74M	26.44	-	-	3	Horizontal	360	1.00
7987.2MHz	Pass	AV	1.99985G	14.53	43.90	-29.37	3	Horizontal	360	1.00
7987.2MHz	Pass	AV	3.36992G	16.78	53.90	-37.12	3	Horizontal	360	1.00
7987.2MHz	Pass	AV	1.18242G	2.62	9.90	-7.28	3	Vertical	19	1.86
7987.2MHz	Pass	AV	1.19946G	2.56	9.90	-7.34	3	Vertical	309	1.05
7987.2MHz	Pass	AV	1.21624G	1.50	9.90	-8.40	3	Vertical	171	2.35
7987.2MHz	Pass	AV	1.17952G	2.16	9.90	-7.74	3	Horizontal	262	1.57
7987.2MHz	Pass	AV	1.19704G	2.27	9.90	-7.63	3	Horizontal	184	1.43
7987.2MHz	Pass	AV	1.2228G	1.35	9.90	-8.55	3	Horizontal	108	2.23
7987.2MHz	Pass	AV	1.57303G	-0.12	9.90	-10.02	3	Vertical	121	2.21
7987.2MHz	Pass	AV	1.58433G	-0.68	9.90	-10.58	3	Vertical	80	2.14
7987.2MHz	Pass	AV	1.60001G	3.79	9.90	-6.11	3	Vertical	10	1.71
7987.2MHz	Pass	AV	1.57096G	-0.07	9.90	-9.97	3	Horizontal	179	1.35
7987.2MHz	Pass	AV	1.58602G	-0.61	9.90	-10.51	3	Horizontal	277	1.44
7987.2MHz	Pass	AV	1.60001G	4.19	9.90	-5.71	3	Horizontal	227	1.20
Ultra Wide Band_Nss1_1TX(Port2)	-	-	-	-	-	-	-	-	-	-
7987.2MHz	Pass	AV	999.74M	27.45	-	-	3	Vertical	360	1.00
7987.2MHz	Pass	AV	1.98387G	24.10	41.90	-17.80	3	Vertical	360	1.00
7987.2MHz	Pass	AV	3.20112G	18.84	53.90	-35.06	3	Vertical	360	1.00
7987.2MHz	Pass	AV	999.74M	27.24	-	-	3	Horizontal	0	1.00
7987.2MHz	Pass	AV	1.97854G	21.31	41.90	-20.59	3	Horizontal	0	1.00
7987.2MHz	Pass	AV	3.18882G	18.77	53.90	-35.13	3	Horizontal	0	1.00
7987.2MHz	Pass	AV	1.18297G	2.81	9.90	-7.09	3	Vertical	7	2.02
7987.2MHz	Pass	AV	1.20103G	2.13	9.90	-7.77	3	Vertical	91	1.90
7987.2MHz	Pass	AV	1.22065G	0.86	9.90	-9.04	3	Vertical	97	1.33
7987.2MHz	Pass	AV	1.17169G	3.36	9.90	-6.54	3	Horizontal	26	1.01
7987.2MHz	Pass	AV	1.19443G	2.32	9.90	-7.58	3	Horizontal	214	1.64
7987.2MHz	Pass	AV	1.20796G	1.73	9.90	-8.17	3	Horizontal	190	2.05
7987.2MHz	Pass	AV	1.57151G	0.34	9.90	-9.56	3	Vertical	339	1.74
7987.2MHz	Pass	AV	1.58313G	-0.57	9.90	-10.47	3	Vertical	327	1.91
7987.2MHz	Pass	AV	1.60001G	3.80	9.90	-6.10	3	Vertical	97	1.93
7987.2MHz	Pass	AV	1.57105G	-0.24	9.90	-10.14	3	Horizontal	180	1.29
7987.2MHz	Pass	AV	1.58125G	-0.20	9.90	-10.10	3	Horizontal	12	2.41
7987.2MHz	Pass	AV	1.60001G	3.87	9.90	-6.03	3	Horizontal	73	2.29

*The frequencies mentioned in Comments and Explanations are not limited to this Limit.

Ultra Wide Band_Nss1_1TX(Port1)

13/11/2024

7987.2MHz_TX

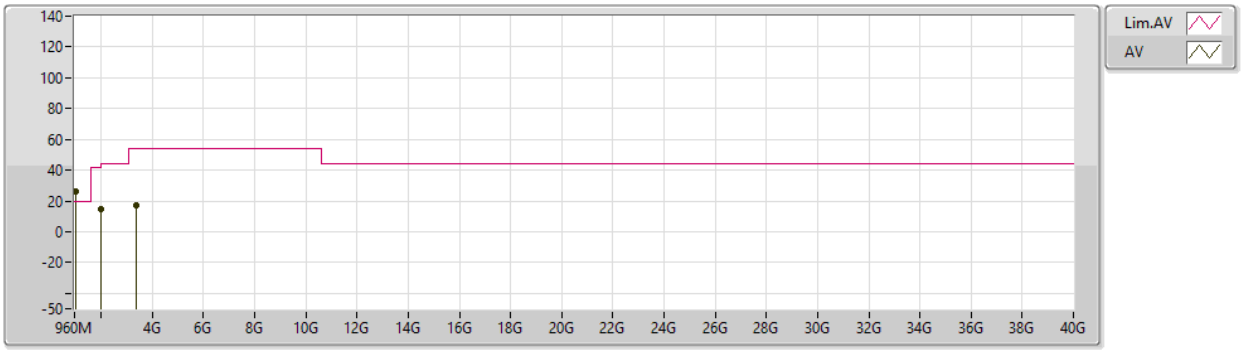


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	999.74M	27.08	-	-	-41.69	3	Vertical	0	1.00	68.77	24.90	2.87	53.90
AV	1.98182G	16.91	41.90	-24.99	-38.71	3	Vertical	0	1.00	55.62	26.64	4.11	53.90
AV	3.5002G	18.05	53.90	-35.85	-34.62	3	Vertical	0	1.00	52.67	29.40	5.64	54.10

Ultra Wide Band_Nss1_1TX(Port1)

13/11/2024

7987.2MHz_TX

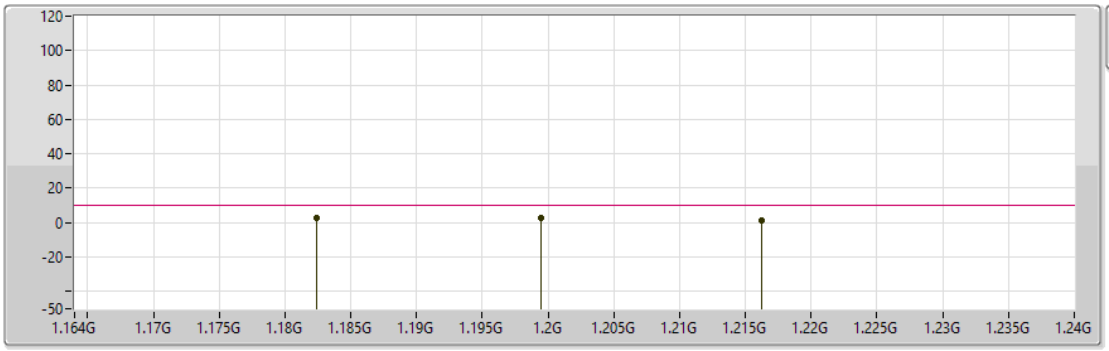


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	999.74M	26.44	-	-	-41.69	3	Horizontal	360	1.00	68.13	24.90	2.87	53.90
AV	1.99985G	14.53	43.90	-29.37	-38.53	3	Horizontal	360	1.00	53.06	26.80	4.13	53.90
AV	3.36992G	16.78	53.90	-37.12	-34.63	3	Horizontal	360	1.00	51.41	29.50	5.53	54.10

Ultra Wide Band_Nss1_1TX(Port1)

13/11/2024

7987.2MHz_TX

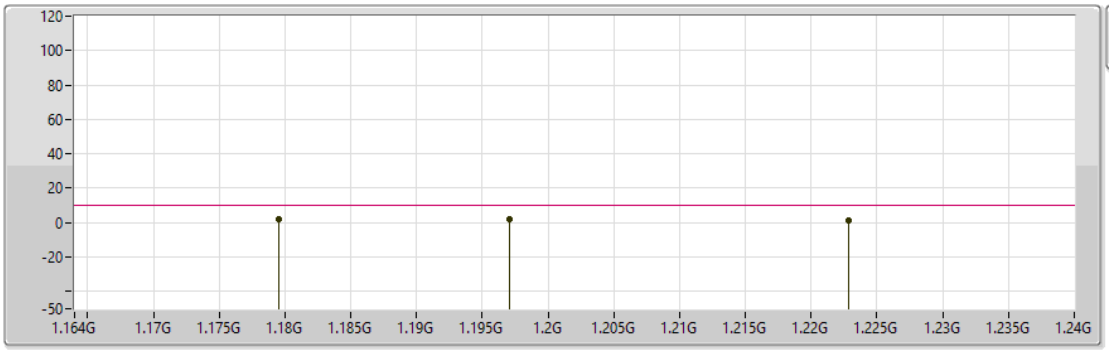


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	1.18242G	2.62	9.90	-7.28	-40.23	3	Vertical	19	1.86	42.85	26.10	3.13	53.90
AV	1.19946G	2.56	9.90	-7.34	-40.21	3	Vertical	309	1.05	42.77	26.10	3.15	53.90
AV	1.21624G	1.50	9.90	-8.40	-40.19	3	Vertical	171	2.35	41.69	26.10	3.17	53.90

Ultra Wide Band_Nss1_1TX(Port1)

13/11/2024

7987.2MHz_TX

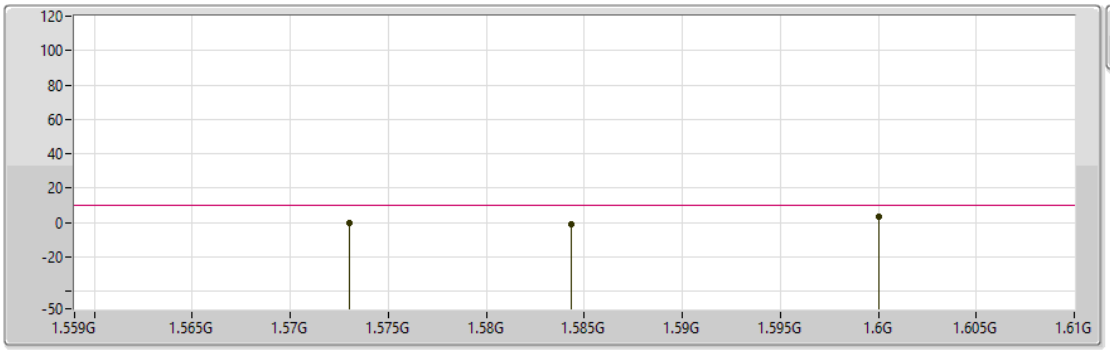


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	1.17952G	2.16	9.90	-7.74	-40.24	3	Horizontal	262	1.57	42.40	26.10	3.12	53.90
AV	1.19704G	2.27	9.90	-7.63	-40.21	3	Horizontal	184	1.43	42.48	26.10	3.15	53.90
AV	1.2228G	1.35	9.90	-8.55	-40.18	3	Horizontal	108	2.23	41.53	26.10	3.18	53.90

Ultra Wide Band_Nss1_1TX(Port1)

13/11/2024

7987.2MHz_TX

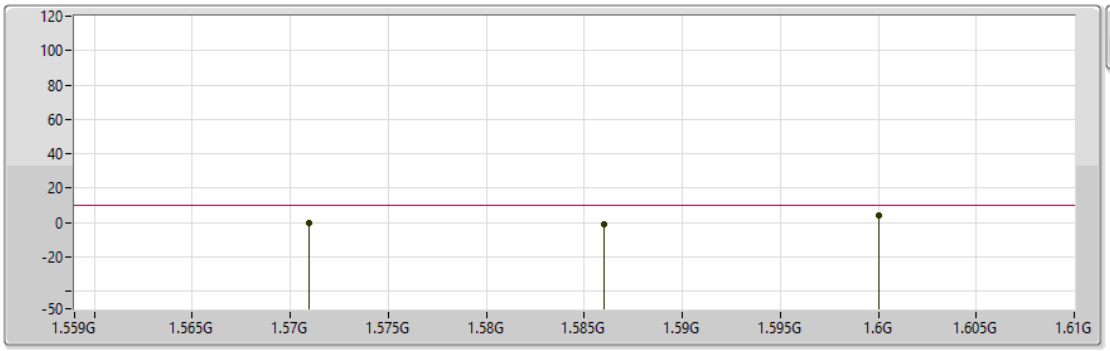


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	1.57303G	-0.12	9.90	-10.02	-40.30	3	Vertical	121	2.21	40.18	25.53	3.63	53.90
AV	1.58433G	-0.68	9.90	-10.58	-40.21	3	Vertical	80	2.14	39.53	25.60	3.65	53.90
AV	1.60001G	3.79	9.90	-6.11	-40.29	3	Vertical	10	1.71	44.08	25.50	3.67	53.90

Ultra Wide Band_Nss1_1TX(Port1)

13/11/2024

7987.2MHz_TX

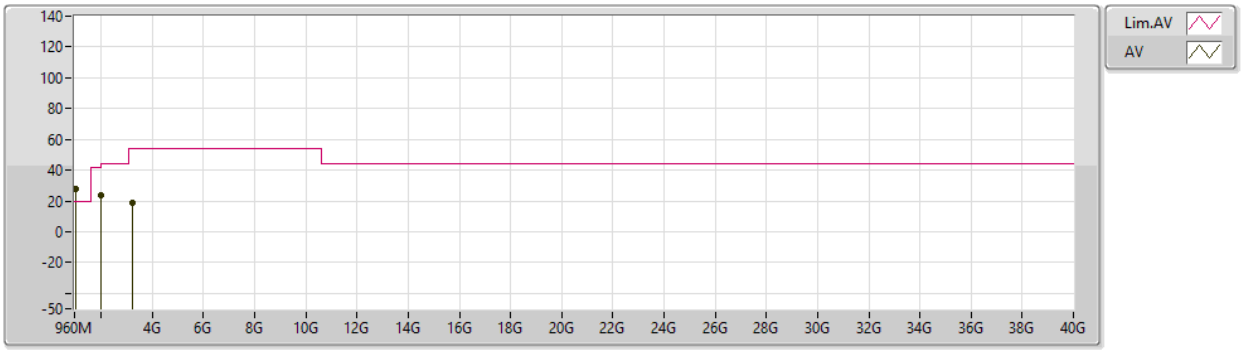


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	1.57096G	-0.07	9.90	-9.97	-40.32	3	Horizontal	179	1.35	40.25	25.51	3.63	53.90
AV	1.58602G	-0.61	9.90	-10.51	-40.21	3	Horizontal	277	1.44	39.60	25.60	3.65	53.90
AV	1.60001G	4.19	9.90	-5.71	-40.29	3	Horizontal	227	1.20	44.48	25.50	3.67	53.90

Ultra Wide Band_Nss1_1TX(Port2)

15/11/2024

7987.2MHz_TX

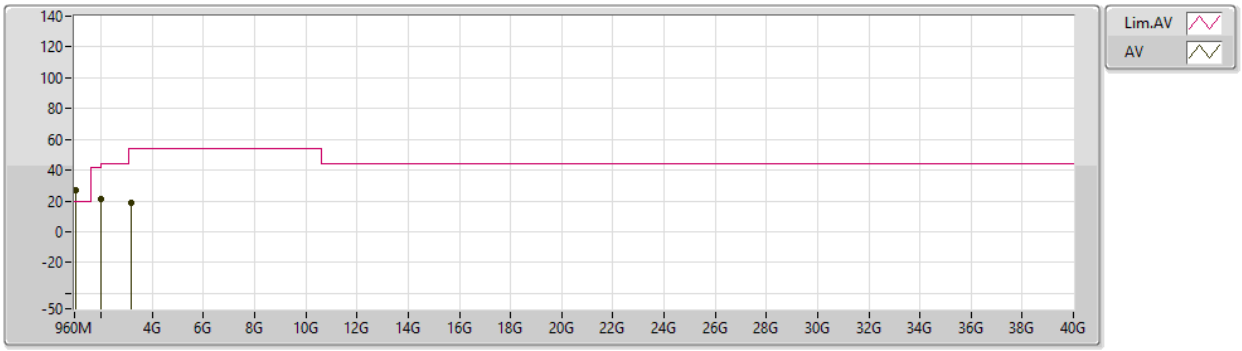


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	999.74M	27.45	-	-	-41.69	3	Vertical	360	1.00	69.14	24.90	2.87	53.90
AV	1.98387G	24.10	41.90	-17.80	-38.67	3	Vertical	360	1.00	62.77	26.68	4.11	53.90
AV	3.20112G	18.84	53.90	-35.06	-34.63	3	Vertical	360	1.00	53.47	29.70	5.33	54.10

Ultra Wide Band_Nss1_1TX(Port2)

15/11/2024

7987.2MHz_TX

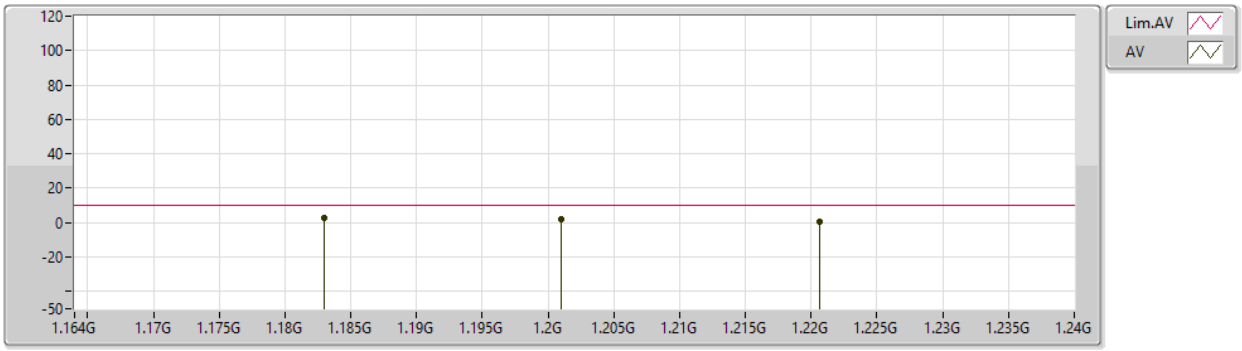


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	999.74M	27.24	-	-	-41.69	3	Horizontal	0	1.00	68.93	24.90	2.87	53.90
AV	1.97854G	21.31	41.90	-20.59	-38.79	3	Horizontal	0	1.00	60.10	26.57	4.10	53.90
AV	3.18882G	18.77	53.90	-35.13	-34.64	3	Horizontal	0	1.00	53.41	29.70	5.32	54.10

Ultra Wide Band_Nss1_1TX(Port2)

15/11/2024

7987.2MHz_TX

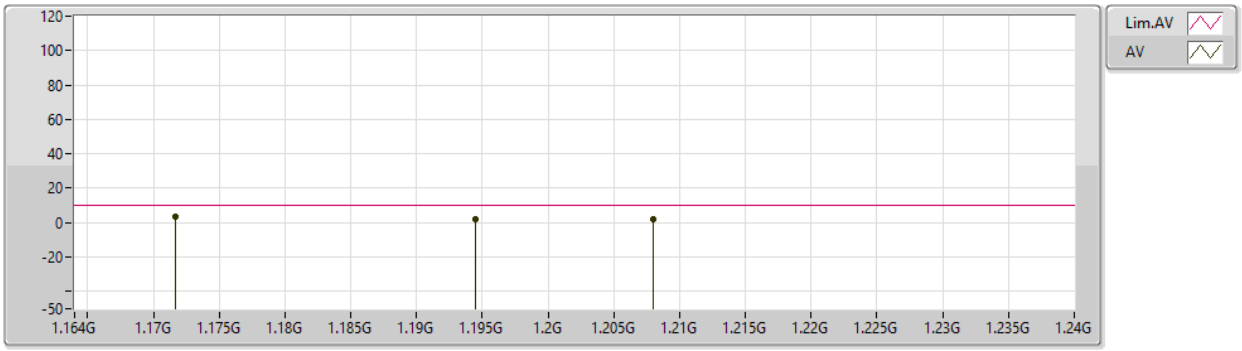


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	1.18297G	2.81	9.90	-7.09	-40.23	3	Vertical	7	2.02	43.04	26.10	3.13	53.90
AV	1.20103G	2.13	9.90	-7.77	-40.21	3	Vertical	91	1.90	42.34	26.10	3.15	53.90
AV	1.22065G	0.86	9.90	-9.04	-40.18	3	Vertical	97	1.33	41.04	26.10	3.18	53.90

Ultra Wide Band_Nss1_1TX(Port2)

15/11/2024

7987.2MHz_TX

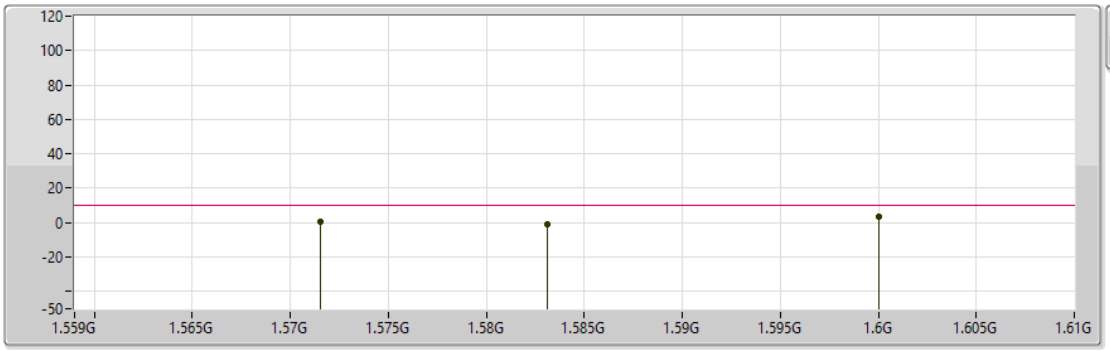


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	1.17169G	3.36	9.90	-6.54	-40.25	3	Horizontal	26	1.01	43.61	26.10	3.11	53.90
AV	1.19443G	2.32	9.90	-7.58	-40.22	3	Horizontal	214	1.64	42.54	26.10	3.14	53.90
AV	1.20796G	1.73	9.90	-8.17	-40.20	3	Horizontal	190	2.05	41.93	26.10	3.16	53.90

Ultra Wide Band_Nss1_1TX(Port2)

15/11/2024

7987.2MHz_TX

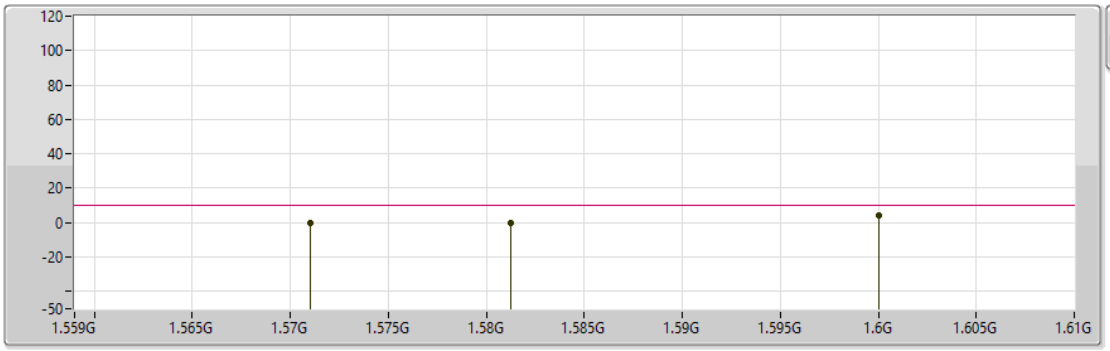


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	1.57151G	0.34	9.90	-9.56	-40.31	3	Vertical	339	1.74	40.65	25.52	3.63	53.90
AV	1.58313G	-0.57	9.90	-10.47	-40.21	3	Vertical	327	1.91	39.64	25.60	3.65	53.90
AV	1.60001G	3.80	9.90	-6.10	-40.29	3	Vertical	97	1.93	44.09	25.50	3.67	53.90

Ultra Wide Band_Nss1_1TX(Port2)

15/11/2024

7987.2MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	1.57105G	-0.24	9.90	-10.14	-40.32	3	Horizontal	180	1.29	40.08	25.51	3.63	53.90
AV	1.58125G	-0.20	9.90	-10.10	-40.21	3	Horizontal	12	2.41	40.01	25.60	3.65	53.90
AV	1.60001G	3.87	9.90	-6.03	-40.29	3	Horizontal	73	2.29	44.16	25.50	3.67	53.90

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
3.1-10.6GHz	-	-	-	-	-	-	-	-	-	-
Ultra Wide Band_Nss1_1TX(Port1)	Pass	PK	50.46M	32.31	40.00	-7.69	3	Vertical	0	1.00
Ultra Wide Band_Nss1_1TX(Port2)	Pass	PK	48.6M	30.01	40.00	-9.99	3	Vertical	360	1.00

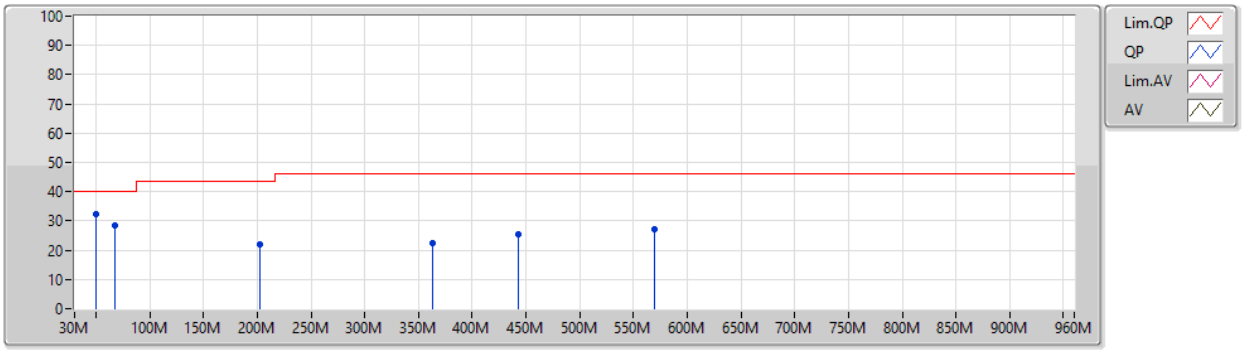
Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
Ultra Wide Band_Nss1_1TX(Port1)	-	-	-	-	-	-	-	-	-	-
7987.2MHz_PoE	Pass	PK	50.46M	32.31	40.00	-7.69	3	Vertical	0	1.00
7987.2MHz_PoE	Pass	PK	67.2M	28.65	40.00	-11.35	3	Vertical	0	1.00
7987.2MHz_PoE	Pass	PK	202.98M	22.19	43.50	-21.31	3	Vertical	0	1.00
7987.2MHz_PoE	Pass	PK	362.94M	22.41	46.00	-23.59	3	Vertical	0	1.00
7987.2MHz_PoE	Pass	PK	442.92M	25.45	46.00	-20.55	3	Vertical	0	1.00
7987.2MHz_PoE	Pass	PK	569.4M	27.29	46.00	-18.71	3	Vertical	0	1.00
7987.2MHz_PoE	Pass	PK	30M	24.97	40.00	-15.03	3	Horizontal	360	1.00
7987.2MHz_PoE	Pass	PK	89.52M	23.95	43.50	-19.55	3	Horizontal	360	1.00
7987.2MHz_PoE	Pass	PK	147.18M	23.44	43.50	-20.06	3	Horizontal	360	1.00
7987.2MHz_PoE	Pass	PK	349.92M	22.06	46.00	-23.94	3	Horizontal	360	1.00
7987.2MHz_PoE	Pass	PK	418.74M	25.99	46.00	-20.01	3	Horizontal	360	1.00
7987.2MHz_PoE	Pass	PK	554.52M	28.63	46.00	-17.37	3	Horizontal	360	1.00
Ultra Wide Band_Nss1_1TX(Port2)	-	-	-	-	-	-	-	-	-	-
7987.2MHz_PoE	Pass	PK	48.6M	30.01	40.00	-9.99	3	Vertical	360	1.00
7987.2MHz_PoE	Pass	PK	89.52M	27.27	43.50	-16.23	3	Vertical	360	1.00
7987.2MHz_PoE	Pass	PK	199.26M	22.71	43.50	-20.79	3	Vertical	360	1.00
7987.2MHz_PoE	Pass	PK	325.74M	21.78	46.00	-24.22	3	Vertical	360	1.00
7987.2MHz_PoE	Pass	PK	420.6M	24.59	46.00	-21.41	3	Vertical	360	1.00
7987.2MHz_PoE	Pass	PK	502.44M	27.25	46.00	-18.75	3	Vertical	360	1.00
7987.2MHz_PoE	Pass	PK	30M	24.69	40.00	-15.31	3	Horizontal	0	1.00
7987.2MHz_PoE	Pass	PK	89.52M	24.49	43.50	-19.01	3	Horizontal	0	1.00
7987.2MHz_PoE	Pass	PK	139.74M	22.06	43.50	-21.44	3	Horizontal	0	1.00
7987.2MHz_PoE	Pass	PK	387.12M	23.29	46.00	-22.71	3	Horizontal	0	1.00
7987.2MHz_PoE	Pass	PK	448.5M	25.36	46.00	-20.64	3	Horizontal	0	1.00
7987.2MHz_PoE	Pass	PK	548.94M	27.93	46.00	-18.07	3	Horizontal	0	1.00

Ultra Wide Band_Nss1_1TX(Port1)

16/11/2024

7987.2MHz_PoE

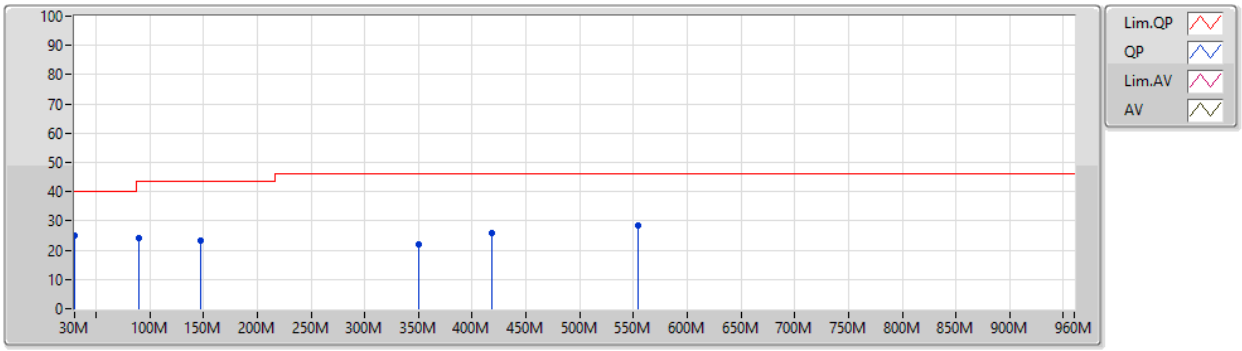


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
PK	50.46M	32.31	40.00	-7.69	-11.75	3	Vertical	0	1.00	44.06	12.69	1.53	25.97
PK	67.2M	28.65	40.00	-11.35	-14.41	3	Vertical	0	1.00	43.06	10.99	1.75	27.15
PK	202.98M	22.19	43.50	-21.31	-10.39	3	Vertical	0	1.00	32.58	13.92	2.97	27.28
PK	362.94M	22.41	46.00	-23.59	-3.98	3	Vertical	0	1.00	26.39	19.52	3.96	27.46
PK	442.92M	25.45	46.00	-20.55	-2.19	3	Vertical	0	1.00	27.64	21.29	4.54	28.02
PK	569.4M	27.29	46.00	-18.71	0.32	3	Vertical	0	1.00	26.97	23.27	5.39	28.34

Ultra Wide Band_Nss1_1TX(Port1)

16/11/2024

7987.2MHz_PoE

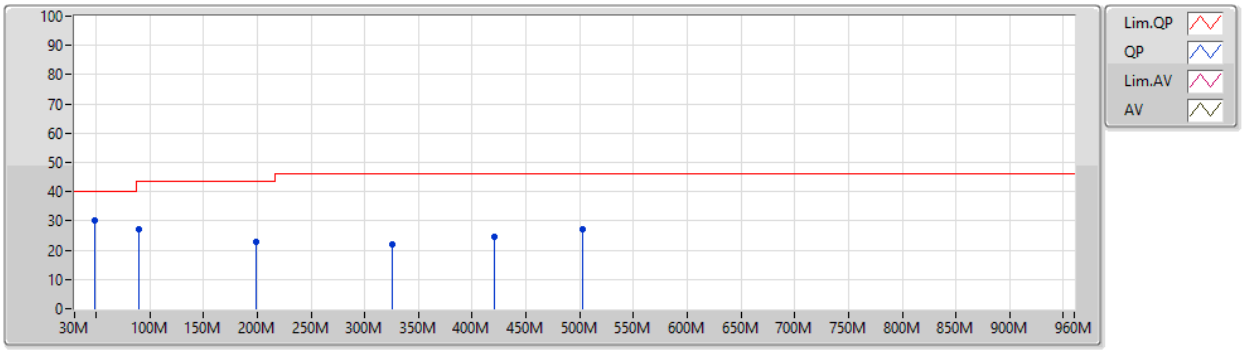


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
PK	30M	24.97	40.00	-15.03	-2.98	3	Horizontal	360	1.00	27.95	23.18	1.23	27.39
PK	89.52M	23.95	43.50	-19.55	-12.18	3	Horizontal	360	1.00	36.13	13.54	1.87	27.59
PK	147.18M	23.44	43.50	-20.06	-9.60	3	Horizontal	360	1.00	33.04	15.45	2.47	27.52
PK	349.92M	22.06	46.00	-23.94	-4.33	3	Horizontal	360	1.00	26.39	19.16	3.86	27.35
PK	418.74M	25.99	46.00	-20.01	-2.22	3	Horizontal	360	1.00	28.21	21.30	4.36	27.88
PK	554.52M	28.63	46.00	-17.37	0.34	3	Horizontal	360	1.00	28.29	23.47	5.19	28.32

Ultra Wide Band_Nss1_1TX(Port2)

16/11/2024

7987.2MHz_PoE

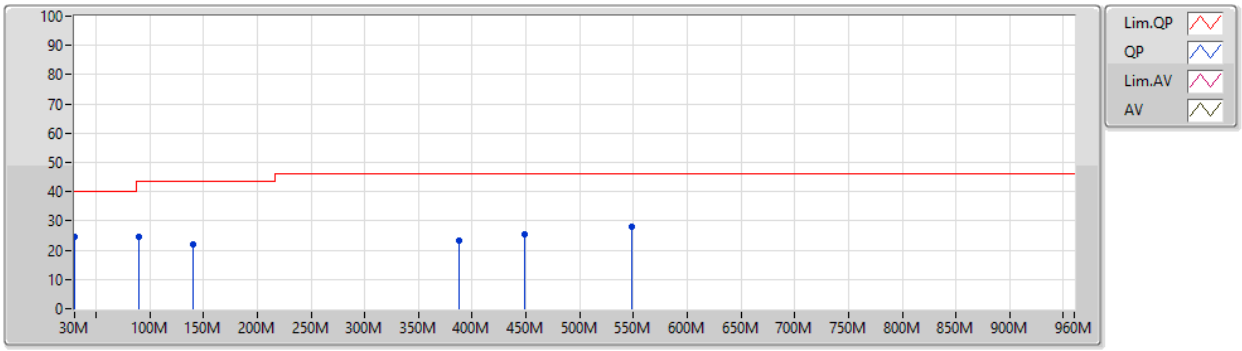


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
PK	48.6M	30.01	40.00	-9.99	-10.93	3	Vertical	360	1.00	40.94	13.47	1.50	25.90
PK	89.52M	27.27	43.50	-16.23	-12.18	3	Vertical	360	1.00	39.45	13.54	1.87	27.59
PK	199.26M	22.71	43.50	-20.79	-10.48	3	Vertical	360	1.00	33.19	13.87	2.94	27.29
PK	325.74M	21.78	46.00	-24.22	-5.04	3	Vertical	360	1.00	26.82	18.39	3.76	27.19
PK	420.6M	24.59	46.00	-21.41	-2.20	3	Vertical	360	1.00	26.79	21.31	4.38	27.89
PK	502.44M	27.25	46.00	-18.75	-1.29	3	Vertical	360	1.00	28.54	22.14	4.89	28.32

Ultra Wide Band_Nss1_1TX(Port2)

16/11/2024

7987.2MHz_PoE



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
PK	30M	24.69	40.00	-15.31	-2.98	3	Horizontal	0	1.00	27.67	23.18	1.23	27.39
PK	89.52M	24.49	43.50	-19.01	-12.18	3	Horizontal	0	1.00	36.67	13.54	1.87	27.59
PK	139.74M	22.06	43.50	-21.44	-9.21	3	Horizontal	0	1.00	31.27	15.94	2.40	27.55
PK	387.12M	23.29	46.00	-22.71	-3.59	3	Horizontal	0	1.00	26.88	19.94	4.13	27.66
PK	448.5M	25.36	46.00	-20.64	-2.08	3	Horizontal	0	1.00	27.44	21.39	4.58	28.05
PK	548.94M	27.93	46.00	-18.07	0.28	3	Horizontal	0	1.00	27.65	23.47	5.12	28.31

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
3.1-10.6GHz	-	-	-	-	-	-	-	-	-	-
Ultra Wide Band_Nss1_1TX(Port1)	Pass	AV	999.75M	27.75	-	-	3	Vertical	0	1.00
Ultra Wide Band_Nss1_1TX(Port2)	Pass	AV	1G	26.24	-	-	3	Vertical	0	1.00

Result

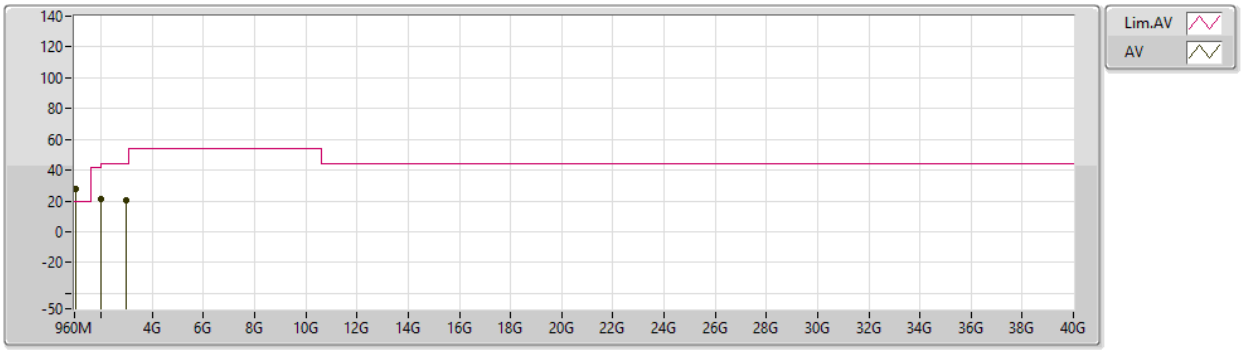
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
Ultra Wide Band_Nss1_1TX(Port1)	-	-	-	-	-	-	-	-	-	-
7987.2MHz	Pass	AV	999.75M	27.75	-	-	3	Vertical	0	1.00
7987.2MHz	Pass	AV	1.98642G	21.41	41.90	-20.49	3	Vertical	0	1.00
7987.2MHz	Pass	AV	3.00013G	20.06	43.90	-23.84	3	Vertical	0	1.00
7987.2MHz	Pass	AV	999.75M	25.45	-	-	3	Horizontal	360	1.00
7987.2MHz	Pass	AV	1.9774G	17.85	41.90	-24.05	3	Horizontal	360	1.00
7987.2MHz	Pass	AV	3.00013G	20.18	43.90	-23.72	3	Horizontal	360	1.00
7987.2MHz	Pass	AV	1.17114G	2.78	9.90	-7.12	3	Vertical	131	1.96
7987.2MHz	Pass	AV	1.18321G	3.66	9.90	-6.24	3	Vertical	216	1.26
7987.2MHz	Pass	AV	1.20913G	2.63	9.90	-7.27	3	Vertical	64	1.48
7987.2MHz	Pass	AV	1.17645G	2.36	9.90	-7.54	3	Horizontal	89	2.48
7987.2MHz	Pass	AV	1.19329G	3.12	9.90	-6.78	3	Horizontal	347	2.19
7987.2MHz	Pass	AV	1.21453G	1.82	9.90	-8.08	3	Horizontal	254	1.84
7987.2MHz	Pass	AV	1.56914G	0.48	9.90	-9.42	3	Vertical	48	1.97
7987.2MHz	Pass	AV	1.58548G	-0.47	9.90	-10.37	3	Vertical	268	2.81
7987.2MHz	Pass	AV	1.60001G	2.34	9.90	-7.56	3	Vertical	11	1.48
7987.2MHz	Pass	AV	1.56941G	-0.19	9.90	-10.09	3	Horizontal	78	2.87
7987.2MHz	Pass	AV	1.58668G	0.02	9.90	-9.88	3	Horizontal	249	1.54
7987.2MHz	Pass	AV	1.60001G	5.73	9.90	-4.17	3	Horizontal	76	1.42
Ultra Wide Band_Nss1_1TX(Port2)	-	-	-	-	-	-	-	-	-	-
7987.2MHz	Pass	AV	1G	26.24	-	-	3	Vertical	0	1.00
7987.2MHz	Pass	AV	1.1065G	18.74	19.90	-1.16	3	Vertical	0	1.00
7987.2MHz	Pass	AV	3.5G	17.99	53.90	-35.91	3	Vertical	0	1.00
7987.2MHz	Pass	AV	1G	23.88	-	-	3	Horizontal	360	1.00
7987.2MHz	Pass	AV	1.986G	16.77	41.90	-25.13	3	Horizontal	360	1.00
7987.2MHz	Pass	AV	3.3745G	18.22	53.90	-35.68	3	Horizontal	360	1.00
7987.2MHz	Pass	AV	1.17415G	2.32	9.90	-7.58	3	Vertical	258	1.31
7987.2MHz	Pass	AV	1.19272G	3.51	9.90	-6.39	3	Vertical	39	1.84
7987.2MHz	Pass	AV	1.22508G	0.94	9.90	-8.96	3	Vertical	194	2.01
7987.2MHz	Pass	AV	1.17948G	3.08	9.90	-6.82	3	Horizontal	66	1.84
7987.2MHz	Pass	AV	1.20361G	2.79	9.90	-7.11	3	Horizontal	217	1.62
7987.2MHz	Pass	AV	1.227G	0.51	9.90	-9.39	3	Horizontal	35	1.47
7987.2MHz	Pass	AV	1.57849G	-0.18	9.90	-10.08	3	Vertical	97	1.66
7987.2MHz	Pass	AV	1.58769G	-0.58	9.90	-10.48	3	Vertical	59	2.40
7987.2MHz	Pass	AV	1.60001G	1.88	9.90	-8.02	3	Vertical	2	1.46
7987.2MHz	Pass	AV	1.56853G	0.23	9.90	-9.67	3	Horizontal	261	1.65
7987.2MHz	Pass	AV	1.58142G	-0.50	9.90	-10.40	3	Horizontal	322	1.59
7987.2MHz	Pass	AV	1.60001G	5.57	9.90	-4.33	3	Horizontal	74	1.42

*The frequencies mentioned in Comments and Explanations are not limited to this Limit.

Ultra Wide Band_Nss1_1TX(Port1)

15/11/2024

7987.2MHz_TX

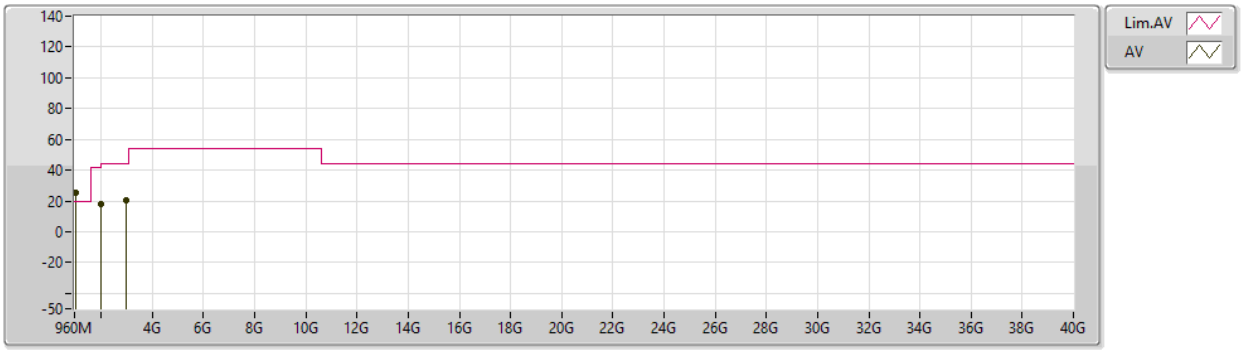


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	999.75M	27.75	-	-	-41.69	3	Vertical	0	1.00	69.44	24.90	2.87	53.90
AV	1.98642G	21.41	41.90	-20.49	-38.62	3	Vertical	0	1.00	60.03	26.73	4.11	53.90
AV	3.00013G	20.06	43.90	-23.84	-34.89	3	Vertical	0	1.00	54.95	29.60	5.17	54.10

Ultra Wide Band_Nss1_1TX(Port1)

15/11/2024

7987.2MHz_TX

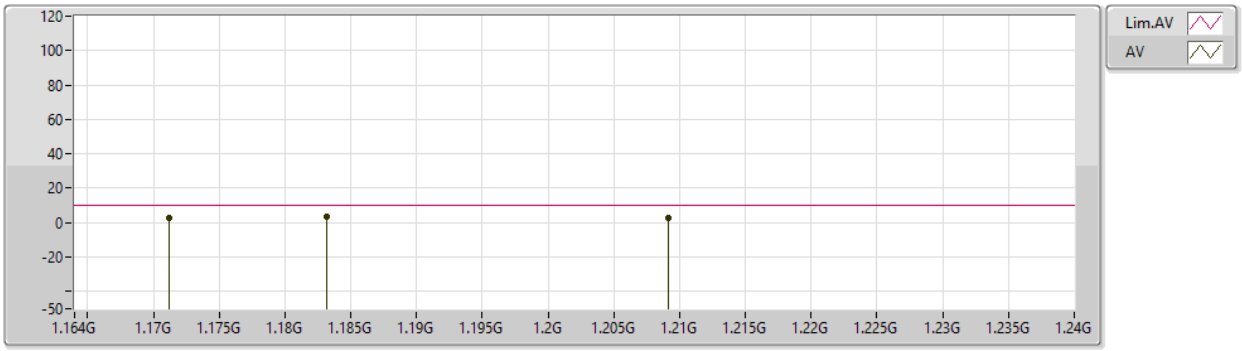


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	999.75M	25.45	-	-	-41.69	3	Horizontal	360	1.00	67.14	24.90	2.87	53.90
AV	1.9774G	17.85	41.90	-24.05	-38.81	3	Horizontal	360	1.00	56.66	26.55	4.10	53.90
AV	3.00013G	20.18	43.90	-23.72	-34.89	3	Horizontal	360	1.00	55.07	29.60	5.17	54.10

Ultra Wide Band_Nss1_1TX(Port1)

15/11/2024

7987.2MHz_TX

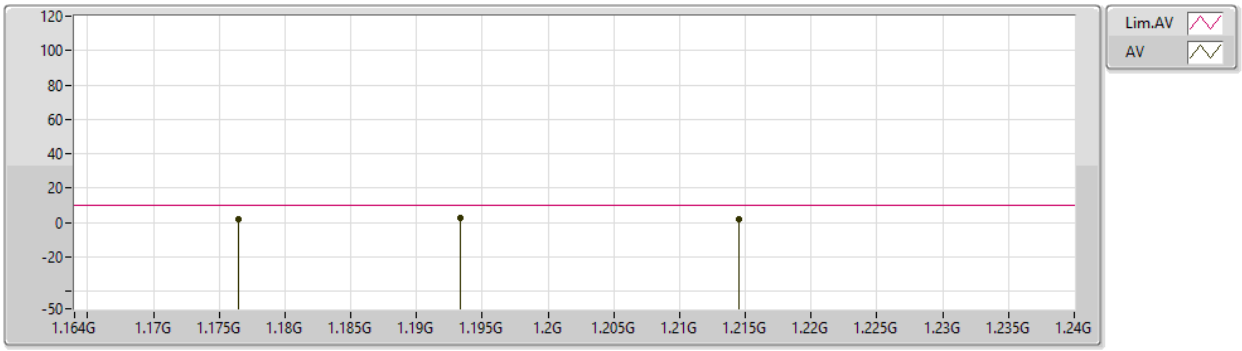


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	1.17114G	2.78	9.90	-7.12	-40.25	3	Vertical	131	1.96	43.03	26.10	3.11	53.90
AV	1.18321G	3.66	9.90	-6.24	-40.23	3	Vertical	216	1.26	43.89	26.10	3.13	53.90
AV	1.20913G	2.63	9.90	-7.27	-40.20	3	Vertical	64	1.48	42.83	26.10	3.16	53.90

Ultra Wide Band_Nss1_1TX(Port1)

15/11/2024

7987.2MHz_TX

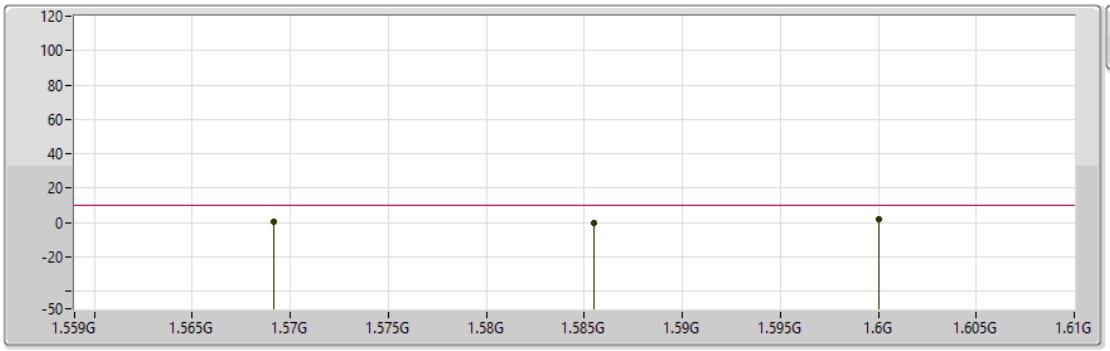


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	1.17645G	2.36	9.90	-7.54	-40.24	3	Horizontal	89	2.48	42.60	26.10	3.12	53.90
AV	1.19329G	3.12	9.90	-6.78	-40.22	3	Horizontal	347	2.19	43.34	26.10	3.14	53.90
AV	1.21453G	1.82	9.90	-8.08	-40.19	3	Horizontal	254	1.84	42.01	26.10	3.17	53.90

Ultra Wide Band_Nss1_1TX(Port1)

15/11/2024

7987.2MHz_TX

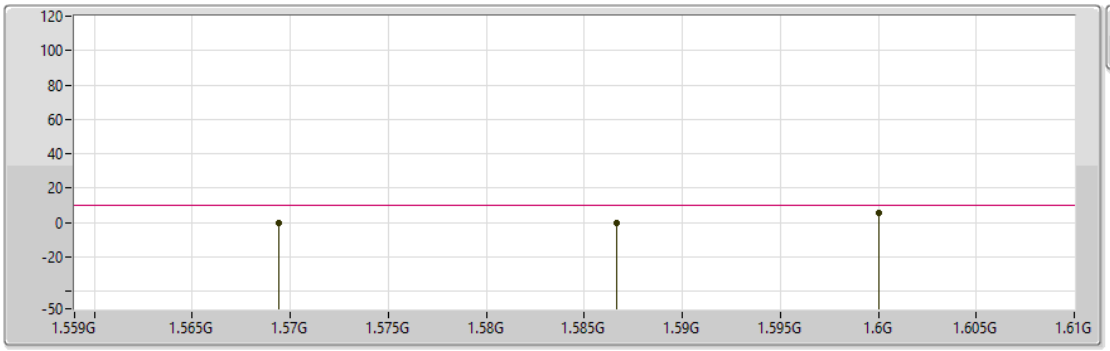


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	1.56914G	0.48	9.90	-9.42	-40.34	3	Vertical	48	1.97	40.82	25.49	3.63	53.90
AV	1.58548G	-0.47	9.90	-10.37	-40.21	3	Vertical	268	2.81	39.74	25.60	3.65	53.90
AV	1.60001G	2.34	9.90	-7.56	-40.29	3	Vertical	11	1.48	42.63	25.50	3.67	53.90

Ultra Wide Band_Nss1_1TX(Port1)

15/11/2024

7987.2MHz_TX

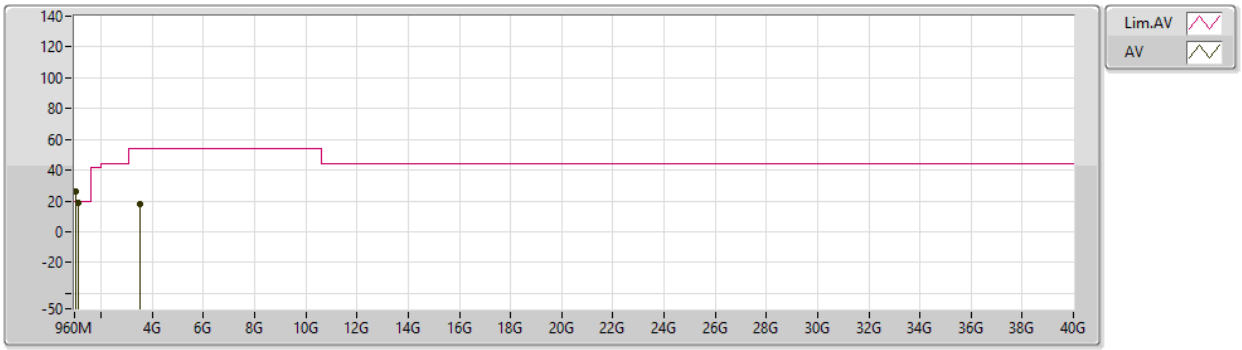


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	1.56941G	-0.19	9.90	-10.09	-40.34	3	Horizontal	78	2.87	40.15	25.49	3.63	53.90
AV	1.58668G	0.02	9.90	-9.88	-40.21	3	Horizontal	249	1.54	40.23	25.60	3.65	53.90
AV	1.60001G	5.73	9.90	-4.17	-40.29	3	Horizontal	76	1.42	46.02	25.50	3.67	53.90

Ultra Wide Band_Nss1_1TX(Port2)

13/11/2024

7987.2MHz_TX

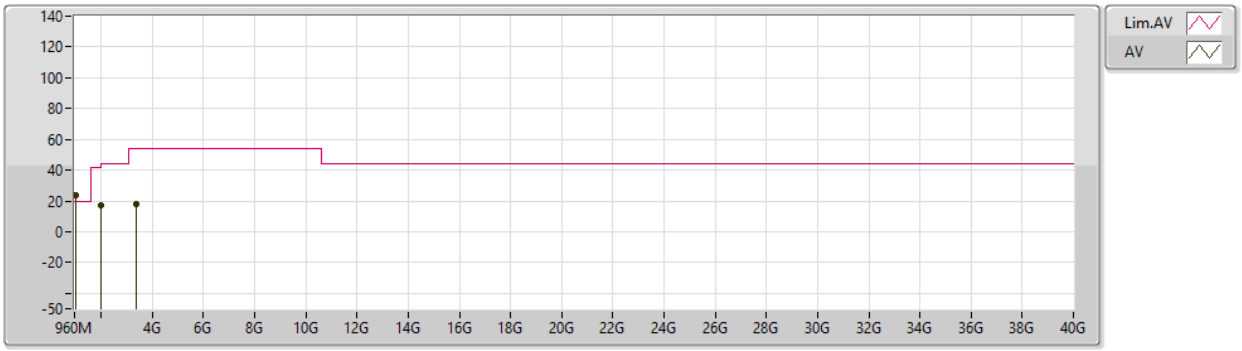


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	1G	26.24	-	-	-41.69	3	Vertical	0	1.00	67.93	24.90	2.87	53.90
AV	1.1065G	18.74	19.90	-1.16	-40.74	3	Vertical	0	1.00	59.48	25.70	3.02	53.90
AV	3.5G	17.99	53.90	-35.91	-34.62	3	Vertical	0	1.00	52.61	29.40	5.64	54.10

Ultra Wide Band_Nss1_1TX(Port2)

13/11/2024

7987.2MHz_TX

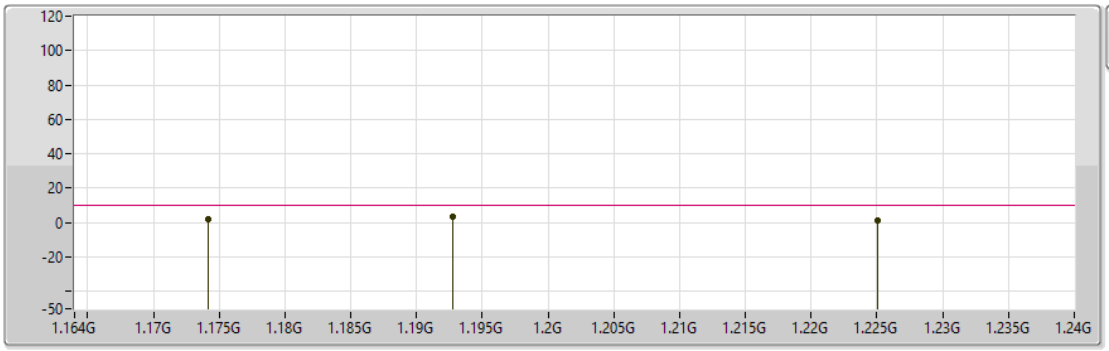


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	1G	23.88	-	-	-41.69	3	Horizontal	360	1.00	65.57	24.90	2.87	53.90
AV	1.986G	16.77	41.90	-25.13	-38.63	3	Horizontal	360	1.00	55.40	26.72	4.11	53.90
AV	3.3745G	18.22	53.90	-35.68	-34.63	3	Horizontal	360	1.00	52.85	29.50	5.53	54.10

Ultra Wide Band_Nss1_1TX(Port2)

13/11/2024

7987.2MHz_TX

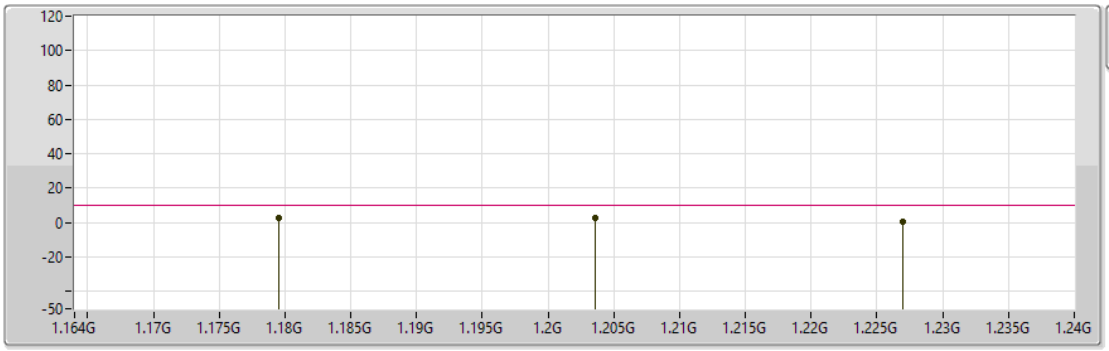


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	1.17415G	2.32	9.90	-7.58	-40.25	3	Vertical	258	1.31	42.57	26.10	3.11	53.90
AV	1.19272G	3.51	9.90	-6.39	-40.22	3	Vertical	39	1.84	43.73	26.10	3.14	53.90
AV	1.22508G	0.94	9.90	-8.96	-40.18	3	Vertical	194	2.01	41.12	26.10	3.18	53.90

Ultra Wide Band_Nss1_1TX(Port2)

13/11/2024

7987.2MHz_TX

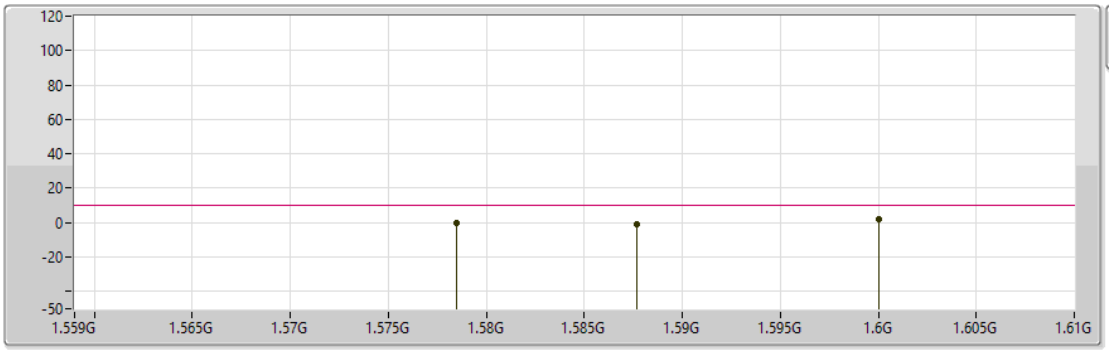


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	1.17948G	3.08	9.90	-6.82	-40.24	3	Horizontal	66	1.84	43.32	26.10	3.12	53.90
AV	1.20361G	2.79	9.90	-7.11	-40.21	3	Horizontal	217	1.62	43.00	26.10	3.15	53.90
AV	1.227G	0.51	9.90	-9.39	-40.17	3	Horizontal	35	1.47	40.68	26.10	3.19	53.90

Ultra Wide Band_Nss1_1TX(Port2)

13/11/2024

7987.2MHz_TX

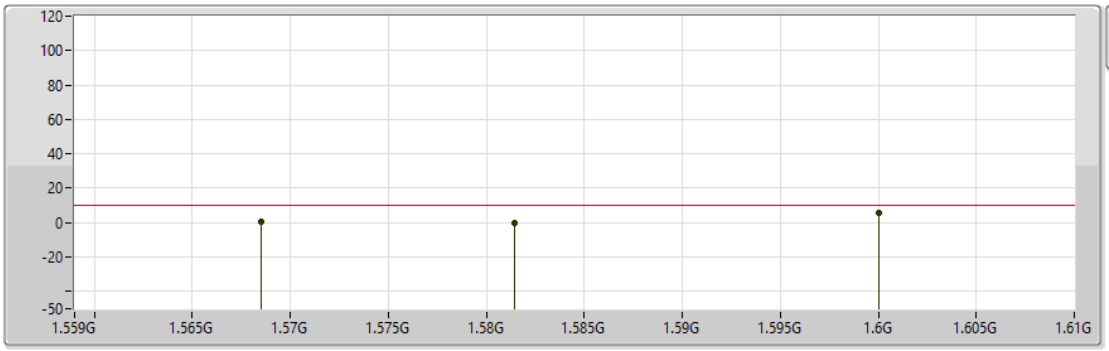


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	1.57849G	-0.18	9.90	-10.08	-40.24	3	Vertical	97	1.66	40.06	25.58	3.64	53.90
AV	1.58769G	-0.58	9.90	-10.48	-40.21	3	Vertical	59	2.40	39.63	25.60	3.65	53.90
AV	1.60001G	1.88	9.90	-8.02	-40.29	3	Vertical	2	1.46	42.17	25.50	3.67	53.90

Ultra Wide Band_Nss1_1TX(Port2)

13/11/2024

7987.2MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	1.56853G	0.23	9.90	-9.67	-40.34	3	Horizontal	261	1.65	40.57	25.49	3.63	53.90
AV	1.58142G	-0.50	9.90	-10.40	-40.21	3	Horizontal	322	1.59	39.71	25.60	3.65	53.90
AV	1.60001G	5.57	9.90	-4.33	-40.29	3	Horizontal	74	1.42	45.86	25.50	3.67	53.90

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
3.1-10.6GHz	-	-	-	-	-	-	-	-	-	-
Ultra Wide Band_Nss1_1TX(Port1)	Pass	PK	56.04M	31.32	40.00	-8.68	3	Vertical	360	1.00
Ultra Wide Band_Nss1_1TX(Port2)	Pass	PK	214.14M	38.50	43.50	-5.00	3	Horizontal	360	1.00

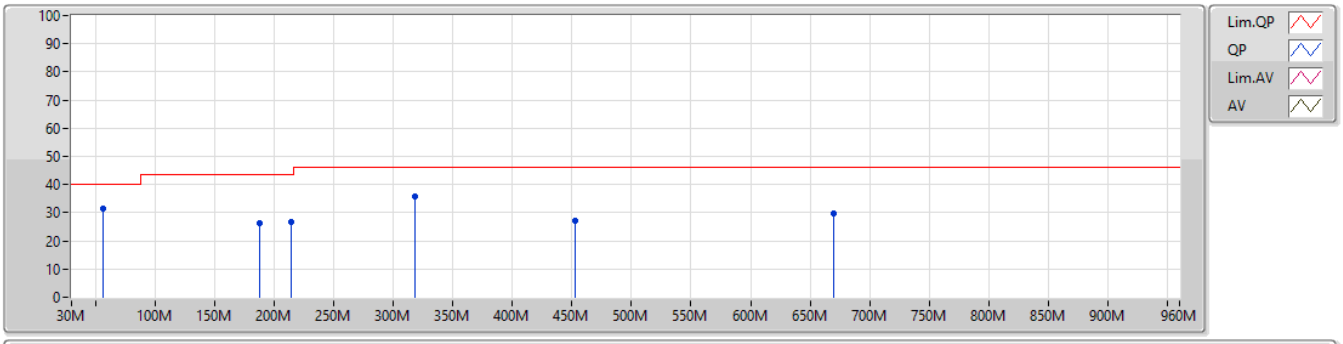
Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
Ultra Wide Band_Nss1_1TX(Port1)	-	-	-	-	-	-	-	-	-	-
7987.2MHz_PoE	Pass	PK	56.04M	31.32	40.00	-8.68	3	Vertical	360	1.00
7987.2MHz_PoE	Pass	PK	188.1M	26.37	43.50	-17.13	3	Vertical	360	1.00
7987.2MHz_PoE	Pass	PK	214.14M	26.85	43.50	-16.65	3	Vertical	360	1.00
7987.2MHz_PoE	Pass	PK	318.3M	35.85	46.00	-10.15	3	Vertical	360	1.00
7987.2MHz_PoE	Pass	PK	452.22M	27.21	46.00	-18.79	3	Vertical	360	1.00
7987.2MHz_PoE	Pass	PK	669.84M	29.56	46.00	-16.44	3	Vertical	360	1.00
7987.2MHz_PoE	Pass	PK	30M	29.21	40.00	-10.79	3	Horizontal	0	1.00
7987.2MHz_PoE	Pass	PK	188.1M	29.22	43.50	-14.28	3	Horizontal	0	1.00
7987.2MHz_PoE	Pass	PK	212.28M	34.06	43.50	-9.44	3	Horizontal	0	1.00
7987.2MHz_PoE	Pass	PK	318.3M	33.69	46.00	-12.31	3	Horizontal	0	1.00
7987.2MHz_PoE	Pass	PK	454.08M	25.84	46.00	-20.16	3	Horizontal	0	1.00
7987.2MHz_PoE	Pass	PK	669.84M	31.58	46.00	-14.42	3	Horizontal	0	1.00
Ultra Wide Band_Nss1_1TX(Port2)	-	-	-	-	-	-	-	-	-	-
7987.2MHz_PoE	Pass	PK	54.18M	30.18	40.00	-9.82	3	Vertical	0	1.00
7987.2MHz_PoE	Pass	PK	186.24M	30.19	43.50	-13.31	3	Vertical	0	1.00
7987.2MHz_PoE	Pass	PK	249.48M	23.35	46.00	-22.65	3	Vertical	0	1.00
7987.2MHz_PoE	Pass	PK	454.08M	29.42	46.00	-16.58	3	Vertical	0	1.00
7987.2MHz_PoE	Pass	PK	556.38M	27.50	46.00	-18.50	3	Vertical	0	1.00
7987.2MHz_PoE	Pass	PK	675.42M	29.65	46.00	-16.35	3	Vertical	0	1.00
7987.2MHz_PoE	Pass	PK	30M	29.77	40.00	-10.23	3	Horizontal	360	1.00
7987.2MHz_PoE	Pass	PK	189.96M	31.83	43.50	-11.67	3	Horizontal	360	1.00
7987.2MHz_PoE	Pass	PK	214.14M	38.50	43.50	-5.00	3	Horizontal	360	1.00
7987.2MHz_PoE	Pass	PK	318.3M	34.26	46.00	-11.74	3	Horizontal	360	1.00
7987.2MHz_PoE	Pass	PK	459.66M	29.16	46.00	-16.84	3	Horizontal	360	1.00
7987.2MHz_PoE	Pass	PK	664.26M	33.37	46.00	-12.63	3	Horizontal	360	1.00

Ultra Wide Band_Nss1_1TX(Port1)

28/11/2024

7987.2MHz_PoE

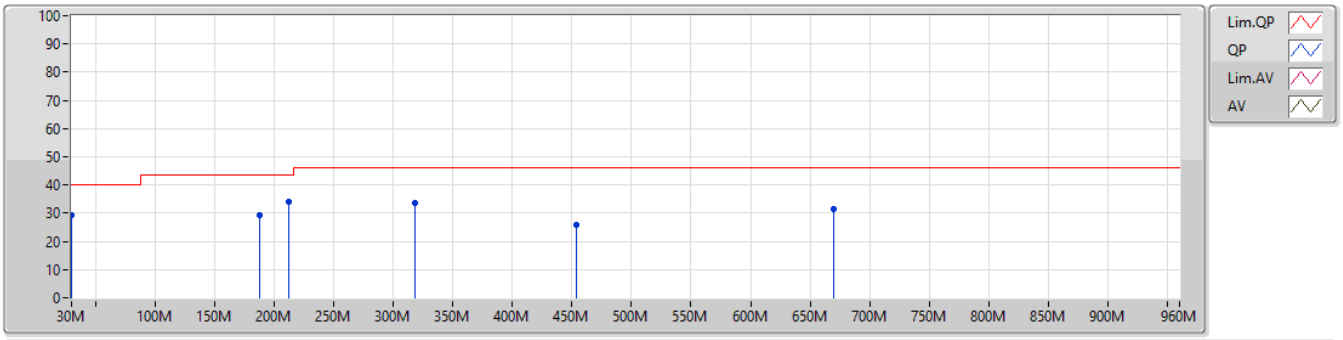


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
PK	56.04M	31.32	40.00	-8.68	-13.43	3	Vertical	360	1.00	44.75	11.47	1.48	26.38
PK	188.1M	26.37	43.50	-17.13	-10.95	3	Vertical	360	1.00	37.32	13.64	2.77	27.36
PK	214.14M	26.85	43.50	-16.65	-10.71	3	Vertical	360	1.00	37.56	13.53	2.98	27.22
PK	318.3M	35.85	46.00	-10.15	-5.16	3	Vertical	360	1.00	41.01	18.32	3.66	27.14
PK	452.22M	27.21	46.00	-18.79	-2.22	3	Vertical	360	1.00	29.43	21.45	4.40	28.07
PK	669.84M	29.56	46.00	-16.44	0.77	3	Vertical	360	1.00	28.79	23.51	5.46	28.20

Ultra Wide Band_Nss1_1TX(Port1)

28/11/2024

7987.2MHz_PoE

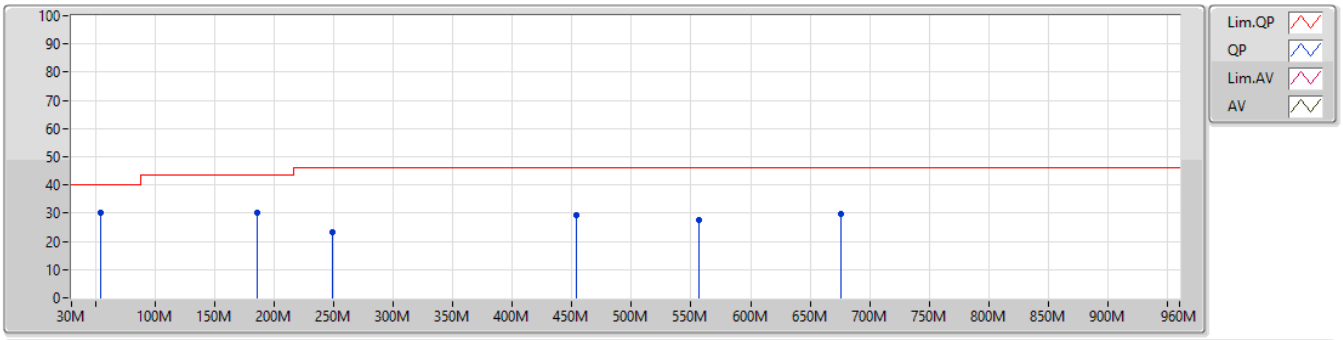


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
PK	30M	29.21	40.00	-10.79	-3.12	3	Horizontal	0	1.00	32.33	23.18	1.09	27.39
PK	188.1M	29.22	43.50	-14.28	-10.95	3	Horizontal	0	1.00	40.17	13.64	2.77	27.36
PK	212.28M	34.06	43.50	-9.44	-10.76	3	Horizontal	0	1.00	44.82	13.50	2.97	27.23
PK	318.3M	33.69	46.00	-12.31	-5.16	3	Horizontal	0	1.00	38.85	18.32	3.66	27.14
PK	454.08M	25.84	46.00	-20.16	-2.19	3	Horizontal	0	1.00	28.03	21.48	4.41	28.08
PK	669.84M	31.58	46.00	-14.42	0.77	3	Horizontal	0	1.00	30.81	23.51	5.46	28.20

Ultra Wide Band_Nss1_1TX(Port2)

7987.2MHz_PoE

28/11/2024

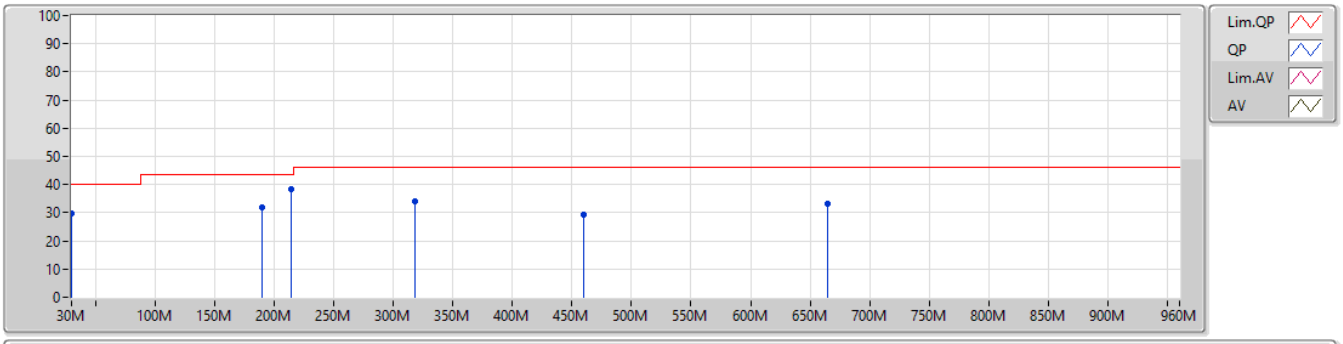


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
PK	54.18M	30.18	40.00	-9.82	-13.19	3	Vertical	0	1.00	43.37	11.58	1.46	26.23
PK	186.24M	30.19	43.50	-13.31	-10.92	3	Vertical	0	1.00	41.11	13.69	2.76	27.37
PK	249.48M	23.35	46.00	-22.65	-6.82	3	Vertical	0	1.00	30.17	17.01	3.23	27.06
PK	454.08M	29.42	46.00	-16.58	-2.19	3	Vertical	0	1.00	31.61	21.48	4.41	28.08
PK	556.38M	27.50	46.00	-18.50	0.02	3	Vertical	0	1.00	27.48	23.44	4.90	28.32
PK	675.42M	29.65	46.00	-16.35	0.83	3	Vertical	0	1.00	28.82	23.54	5.49	28.20

Ultra Wide Band_Nss1_1TX(Port2)

7987.2MHz_PoE

28/11/2024



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
PK	30M	29.77	40.00	-10.23	-3.12	3	Horizontal	360	1.00	32.89	23.18	1.09	27.39
PK	189.96M	31.83	43.50	-11.67	-10.90	3	Horizontal	360	1.00	42.73	13.66	2.79	27.35
PK	214.14M	38.50	43.50	-5.00	-10.71	3	Horizontal	360	1.00	49.21	13.53	2.98	27.22
PK	318.3M	34.26	46.00	-11.74	-5.16	3	Horizontal	360	1.00	39.42	18.32	3.66	27.14
PK	459.66M	29.16	46.00	-16.84	-2.16	3	Horizontal	360	1.00	31.32	21.51	4.44	28.11
PK	664.26M	33.37	46.00	-12.63	0.70	3	Horizontal	360	1.00	32.67	23.48	5.43	28.21

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
3.1-10.6GHz	-	-	-	-	-	-	-	-	-	-
Ultra Wide Band_Nss1_1TX(Port1)	Pass	AV	999.75M	23.80	-	-	3	Vertical	0	1.00
Ultra Wide Band_Nss1_1TX(Port2)	Pass	AV	999.75M	24.74	-	-	3	Vertical	0	1.00

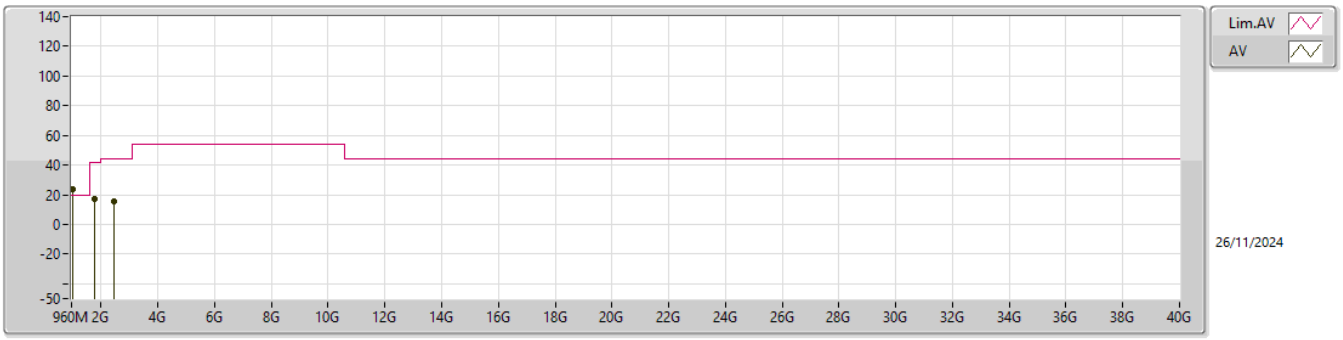
Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
Ultra Wide Band_Nss1_1TX(Port1)	-	-	-	-	-	-	-	-	-	-
7987.2MHz	Pass	AV	999.75M	23.80	-	-	3	Vertical	0	1.00
7987.2MHz	Pass	AV	1.78523G	17.11	41.90	-24.79	3	Vertical	0	1.00
7987.2MHz	Pass	AV	2.45845G	15.42	43.90	-28.48	3	Vertical	0	1.00
7987.2MHz	Pass	AV	999.75M	24.06	-	-	3	Horizontal	360	1.00
7987.2MHz	Pass	AV	2.45599G	16.45	43.90	-27.45	3	Horizontal	360	1.00
7987.2MHz	Pass	AV	3.50002G	18.00	53.90	-35.90	3	Horizontal	360	1.00
7987.2MHz	Pass	AV	1.17235G	2.39	9.90	-7.51	3	Vertical	0	1.00
7987.2MHz	Pass	AV	1.2G	4.32	9.90	-5.58	3	Vertical	0	1.00
7987.2MHz	Pass	AV	1.21671G	0.91	9.90	-8.99	3	Vertical	0	1.00
7987.2MHz	Pass	AV	1.16891G	3.67	9.90	-6.23	3	Horizontal	360	1.00
7987.2MHz	Pass	AV	1.19289G	2.87	9.90	-7.03	3	Horizontal	360	1.00
7987.2MHz	Pass	AV	1.21662G	0.50	9.90	-9.40	3	Horizontal	360	1.00
7987.2MHz	Pass	AV	1.56622G	0.12	9.90	-9.78	3	Vertical	0	1.00
7987.2MHz	Pass	AV	1.57914G	-0.31	9.90	-10.21	3	Vertical	0	1.00
7987.2MHz	Pass	AV	1.6G	13.90	-	-	3	Vertical	21	1.50
7987.2MHz	Pass	AV	1.56623G	0.71	9.90	-9.19	3	Horizontal	360	1.00
7987.2MHz	Pass	AV	1.5807G	-0.85	9.90	-10.75	3	Horizontal	360	1.00
7987.2MHz	Pass	AV	1.6G	13.66	-	-	3	Horizontal	62	1.59
Ultra Wide Band_Nss1_1TX(Port2)	-	-	-	-	-	-	-	-	-	-
7987.2MHz	Pass	AV	999.75M	24.74	-	-	3	Vertical	0	1.00
7987.2MHz	Pass	AV	1.60003G	16.11	19.90	-3.79	3	Vertical	0	1.00
7987.2MHz	Pass	AV	2.45804G	16.25	43.90	-27.65	3	Vertical	0	1.00
7987.2MHz	Pass	AV	999.75M	24.88	-	-	3	Horizontal	360	1.00
7987.2MHz	Pass	AV	1.60003G	13.85	19.90	-6.05	3	Horizontal	360	1.00
7987.2MHz	Pass	AV	3.50002G	19.97	53.90	-33.93	3	Horizontal	360	1.00
7987.2MHz	Pass	AV	1.1865G	3.17	9.90	-6.73	3	Vertical	360	1.00
7987.2MHz	Pass	AV	1.2058G	2.38	9.90	-7.52	3	Vertical	360	1.00
7987.2MHz	Pass	AV	1.22412G	1.20	9.90	-8.70	3	Vertical	360	1.00
7987.2MHz	Pass	AV	1.17784G	2.78	9.90	-7.12	3	Horizontal	0	1.00
7987.2MHz	Pass	AV	1.19241G	3.14	9.90	-6.76	3	Horizontal	0	1.00
7987.2MHz	Pass	AV	1.21542G	1.94	9.90	-7.96	3	Horizontal	0	1.00
7987.2MHz	Pass	AV	1.56949G	0.17	9.90	-9.73	3	Vertical	0	1.00
7987.2MHz	Pass	AV	1.5846G	0.96	9.90	-8.94	3	Vertical	0	1.00
7987.2MHz	Pass	AV	1.6G	16.60	-	-	3	Vertical	18	1.50
7987.2MHz	Pass	AV	1.56644G	-0.07	9.90	-9.97	3	Horizontal	360	1.00
7987.2MHz	Pass	AV	1.58293G	0.50	9.90	-9.40	3	Horizontal	360	1.00
7987.2MHz	Pass	AV	1.6G	14.85	-	-	3	Horizontal	63	1.59

*The frequencies mentioned in Comments and Explanations are not limited to this Limit.

Ultra Wide Band_Nss1_1TX(Port1)

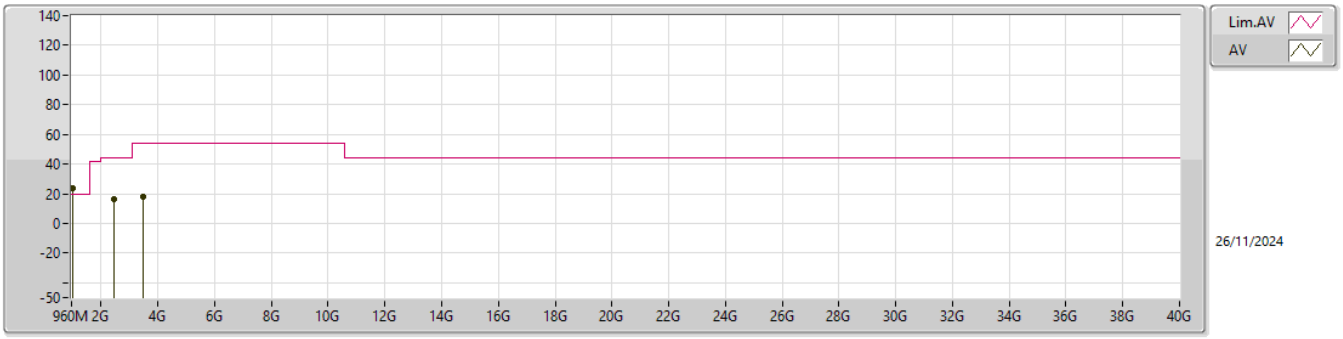
7987.2MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	999.75M	23.80	-	-	-41.69	3	Vertical	0	1.00	65.49	24.90	2.87	53.90
AV	1.78523G	17.11	41.90	-24.79	-40.65	3	Vertical	0	1.00	57.76	24.95	3.86	53.90
AV	2.45845G	15.42	43.90	-28.48	-37.24	3	Vertical	0	1.00	52.66	27.70	4.61	53.99

Ultra Wide Band_Nss1_1TX(Port1)

7987.2MHz_TX

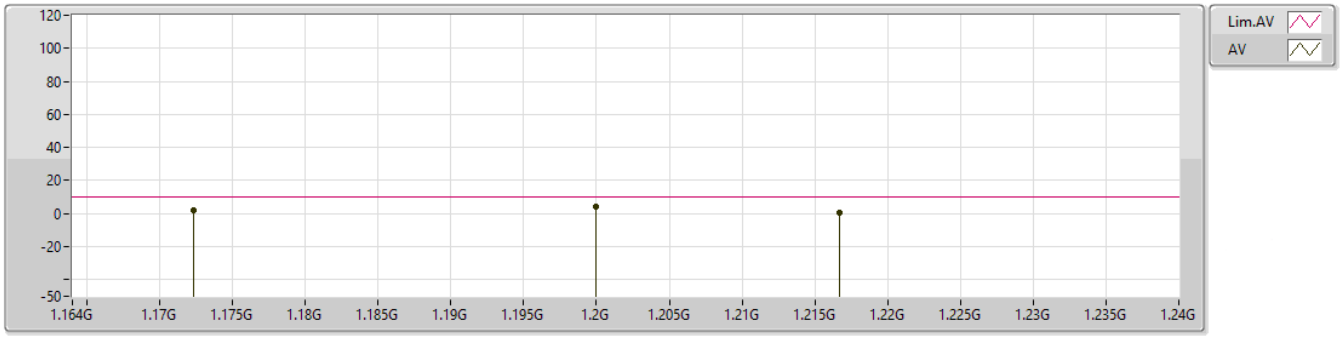


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	999.75M	24.06	-	-	-41.69	3	Horizontal	360	1.00	65.75	24.90	2.87	53.90
AV	2.45599G	16.45	43.90	-27.45	-37.25	3	Horizontal	360	1.00	53.70	27.70	4.60	53.99
AV	3.50002G	18.00	53.90	-35.90	-34.62	3	Horizontal	360	1.00	52.62	29.40	5.64	54.10

Ultra Wide Band_Nss1_1TX(Port1)

7987.2MHz_TX

26/11/2024

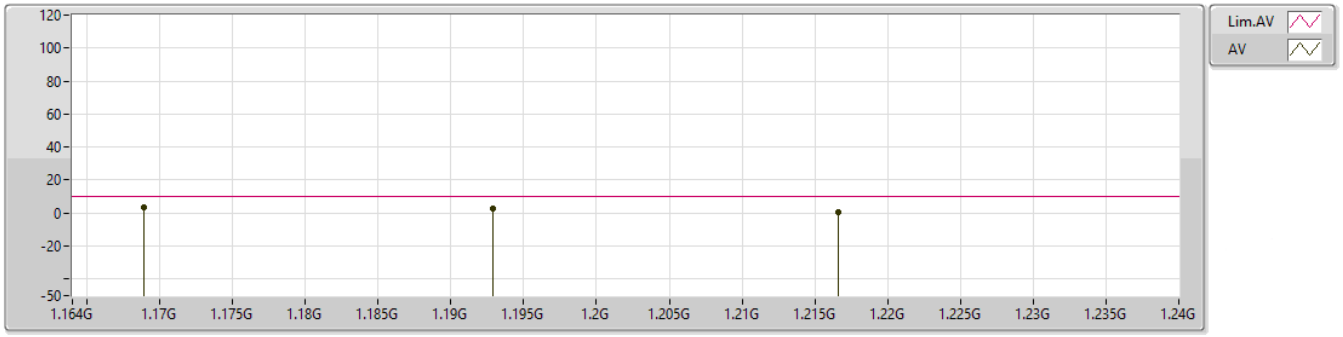


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	1.17235G	2.39	9.90	-7.51	-40.25	3	Vertical	0	1.00	42.64	26.10	3.11	53.90
AV	1.2G	4.32	9.90	-5.58	-40.21	3	Vertical	0	1.00	44.53	26.10	3.15	53.90
AV	1.21671G	0.91	9.90	-8.99	-40.19	3	Vertical	0	1.00	41.10	26.10	3.17	53.90

Ultra Wide Band_Nss1_1TX(Port1)

7987.2MHz_TX

26/11/2024

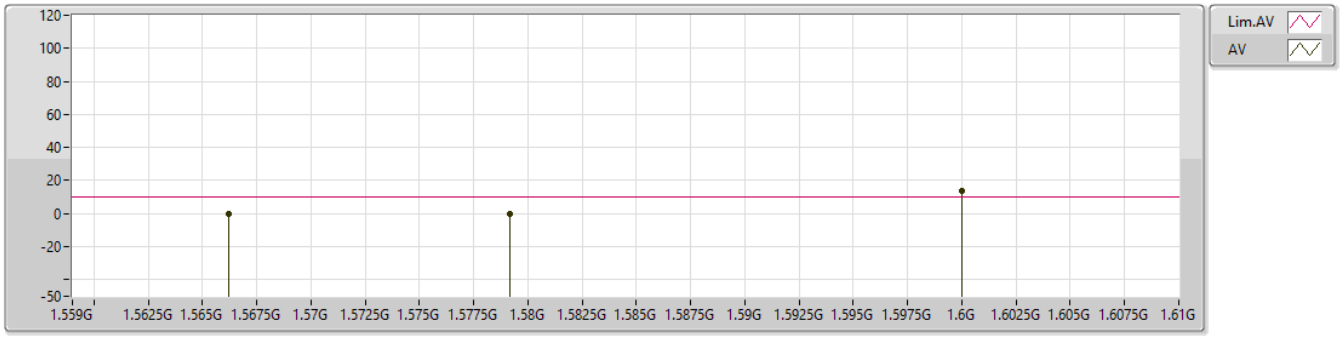


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	1.16891G	3.67	9.90	-6.23	-40.26	3	Horizontal	360	1.00	43.93	26.09	3.11	53.90
AV	1.19289G	2.87	9.90	-7.03	-40.22	3	Horizontal	360	1.00	43.09	26.10	3.14	53.90
AV	1.21662G	0.50	9.90	-9.40	-40.19	3	Horizontal	360	1.00	40.69	26.10	3.17	53.90

Ultra Wide Band_Nss1_1TX(Port1)

7987.2MHz_TX

26/11/2024

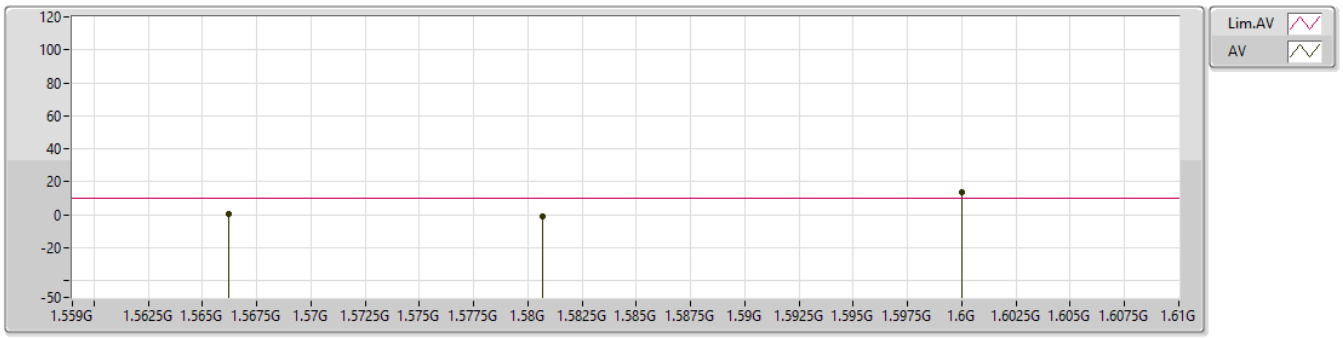


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	1.56622G	0.12	9.90	-9.78	-40.37	3	Vertical	0	1.00	40.49	25.46	3.63	53.90
AV	1.57914G	-0.31	9.90	-10.21	-40.23	3	Vertical	0	1.00	39.92	25.59	3.64	53.90
AV	1.6G	13.90	-	-	-40.29	3	Vertical	21	1.50	54.19	25.50	3.67	53.90

Ultra Wide Band_Nss1_1TX(Port1)

7987.2MHz_TX

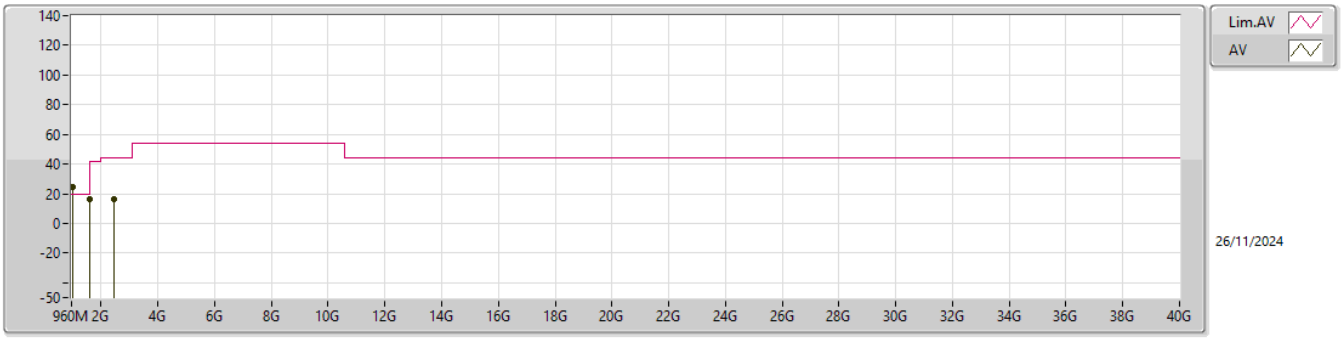
26/11/2024



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	1.56623G	0.71	9.90	-9.19	-40.37	3	Horizontal	360	1.00	41.08	25.46	3.63	53.90
AV	1.5807G	-0.85	9.90	-10.75	-40.22	3	Horizontal	360	1.00	39.37	25.60	3.64	53.90
AV	1.6G	13.66	-	-	-40.29	3	Horizontal	62	1.59	53.95	25.50	3.67	53.90

Ultra Wide Band_Nss1_1TX(Port2)

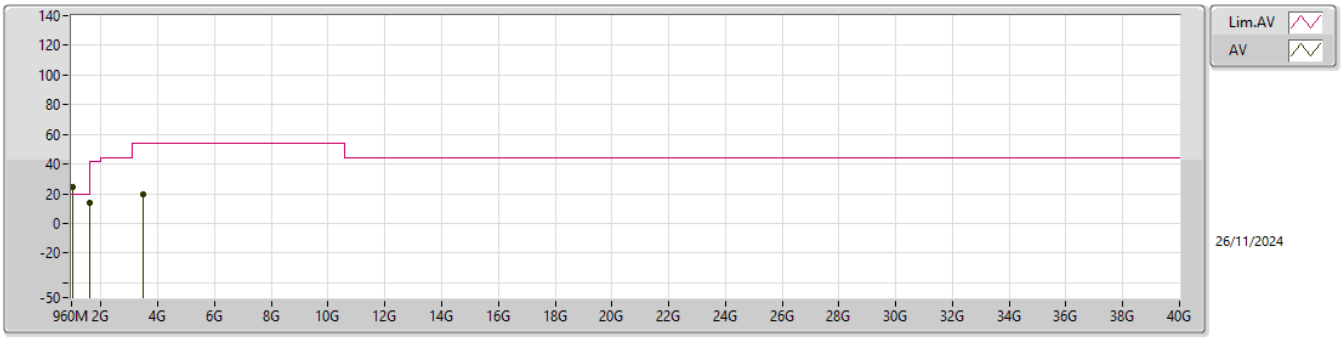
7987.2MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	999.75M	24.74	-	-	-41.69	3	Vertical	0	1.00	66.43	24.90	2.87	53.90
AV	1.60003G	16.11	19.90	-3.79	-40.29	3	Vertical	0	1.00	56.40	25.50	3.67	53.90
AV	2.45804G	16.25	43.90	-27.65	-37.24	3	Vertical	0	1.00	53.49	27.70	4.61	53.99

Ultra Wide Band_Nss1_1TX(Port2)

7987.2MHz_TX

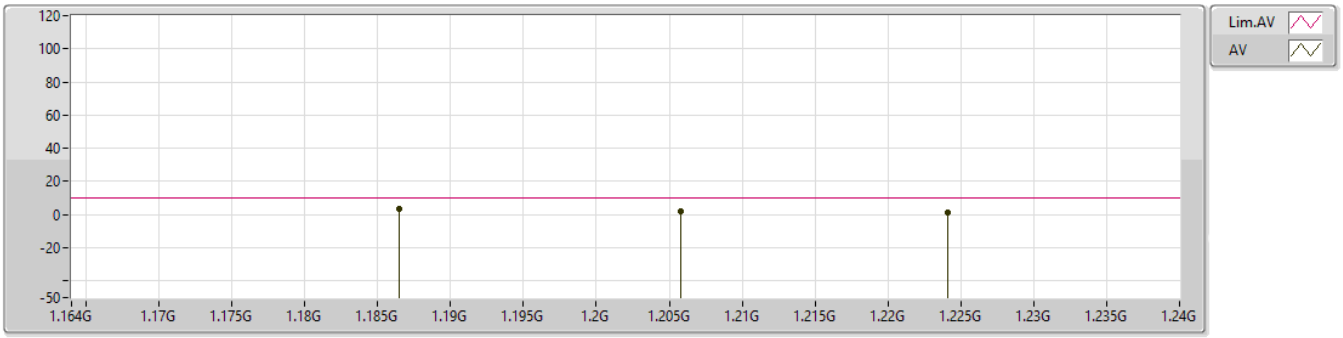


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	999.75M	24.88	-	-	-41.69	3	Horizontal	360	1.00	66.57	24.90	2.87	53.90
AV	1.60003G	13.85	19.90	-6.05	-40.29	3	Horizontal	360	1.00	54.14	25.50	3.67	53.90
AV	3.50002G	19.97	53.90	-33.93	-34.62	3	Horizontal	360	1.00	54.59	29.40	5.64	54.10

Ultra Wide Band_Nss1_1TX(Port2)

7987.2MHz_TX

26/11/2024

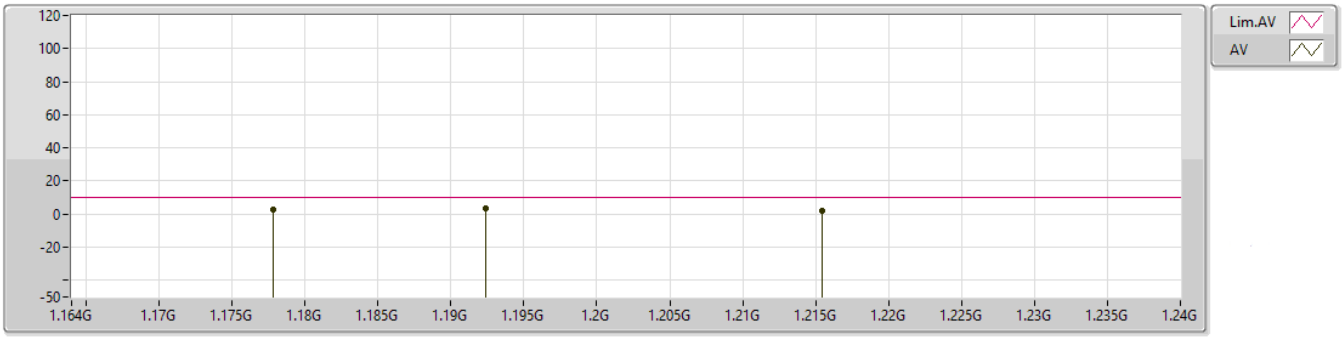


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	1.1865G	3.17	9.90	-6.73	-40.23	3	Vertical	360	1.00	43.40	26.10	3.13	53.90
AV	1.2058G	2.38	9.90	-7.52	-40.20	3	Vertical	360	1.00	42.58	26.10	3.16	53.90
AV	1.22412G	1.20	9.90	-8.70	-40.18	3	Vertical	360	1.00	41.38	26.10	3.18	53.90

Ultra Wide Band_Nss1_1TX(Port2)

7987.2MHz_TX

26/11/2024

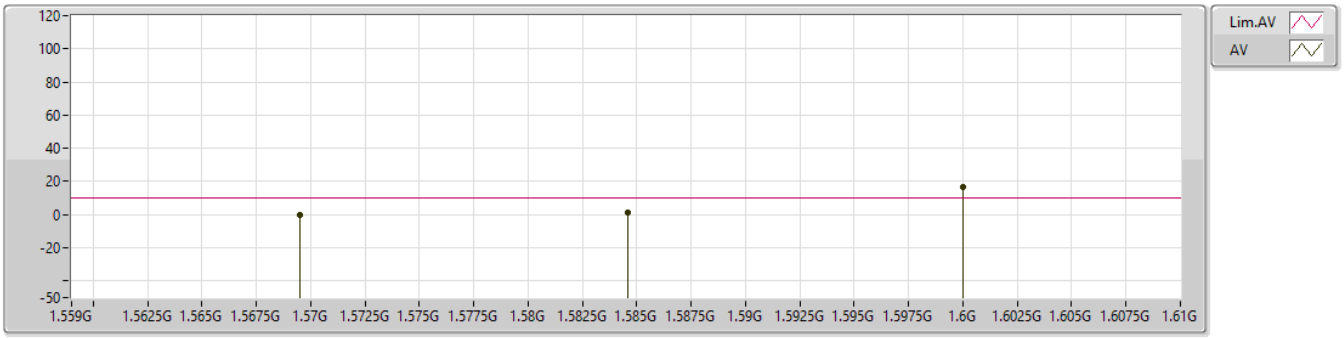


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	1.17784G	2.78	9.90	-7.12	-40.24	3	Horizontal	0	1.00	43.02	26.10	3.12	53.90
AV	1.19241G	3.14	9.90	-6.76	-40.22	3	Horizontal	0	1.00	43.36	26.10	3.14	53.90
AV	1.21542G	1.94	9.90	-7.96	-40.19	3	Horizontal	0	1.00	42.13	26.10	3.17	53.90

Ultra Wide Band_Nss1_1TX(Port2)

7987.2MHz_TX

26/11/2024

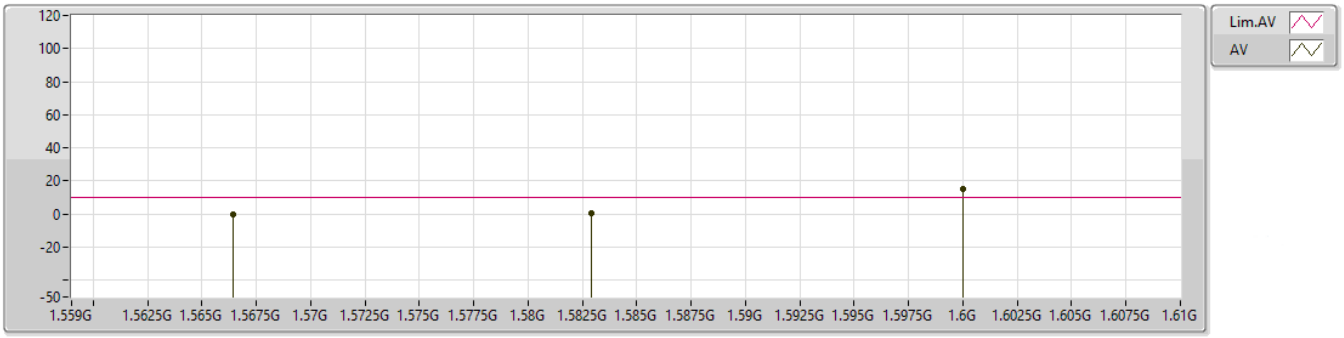


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	1.56949G	0.17	9.90	-9.73	-40.34	3	Vertical	0	1.00	40.51	25.49	3.63	53.90
AV	1.5846G	0.96	9.90	-8.94	-40.21	3	Vertical	0	1.00	41.17	25.60	3.65	53.90
AV	1.6G	16.60	-	-	-40.29	3	Vertical	18	1.50	56.89	25.50	3.67	53.90

Ultra Wide Band_Nss1_1TX(Port2)

7987.2MHz_TX

26/11/2024



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	1.56644G	-0.07	9.90	-9.97	-40.37	3	Horizontal	360	1.00	40.30	25.46	3.63	53.90
AV	1.58293G	0.50	9.90	-9.40	-40.21	3	Horizontal	360	1.00	40.71	25.60	3.65	53.90
AV	1.6G	14.85	-	-	-40.29	3	Horizontal	63	1.59	55.14	25.50	3.67	53.90