FCC Test Report

FCC ID	:	**UDX-600200010**
Equipment	:	**Cisco Wireless 9178I Series Wi-Fi 7 Access Point**
Brand Name	:	**CISCO**
Model Name	:	**CW9178I**
Applicant	:	**Cisco Systems, Inc. 170 West Tasman Drive, San Jose, CA 95134 USA**
Manufacturer	:	**Cisco Systems, Inc. 170 West Tasman Drive, San Jose, CA 95134 USA**
Standard	:	**47 CFR FCC Part 15.517**

The product was received on Jan. 31, 2024, and testing was started from Mar. 25, 2024 and completed on May 10, 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
FR411617-01AU	01	Initial issue of report	Aug. 28, 2024
FR411617-01AU	02	Equipment name was modified. (This report is the latest version replacing for the report issued on Aug. 28, 2024)	Sep. 05, 2024

Summary of Test Result

Report Clause	Ref. Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.2	15.203	Antenna Requirement	PASS	-
1.1.5	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 1.2/1.6008GHz 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

RF General Information - BPRF#3					
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	-0.36
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

RF General Information - HPRF#1					
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	-5.62
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

RF General Information- HPRF#16					
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	-4.48
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

Ant.	Brand	Model Name	Antenna Type	Connector	Support	Gain (dBi)
1	WNC	95XEAK15.GBD	PCB	I-Pex	UWB	6.3
2	WNC	95XEAK15.GBM	PIFA	I-Pex	UWB	4.2
3	WNC	95XEAK15.GBM	PIFA	I-Pex	UWB	5.4
4	WNC	95XEAK15.GBM	PIFA	I-Pex	UWB	6.5

Note 1: The EUT has four antennas.

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

BPRF#3

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
Ultra Wide Band	0.002	26.99	343.75u	3k

HPRF#1

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
Ultra Wide Band	0.512	2.91	1.026m	1k

HPRF#16

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
Ultra Wide Band	0.512	2.91	1.026m	1k

1.1.5 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	Ivan Chung	21.3~22.4°C / 52~54%	19/Apr/2024
Radiated (For EIRP)	03CH02-HY	Daniel Lin	23.4~23.8°C / 53~58%	21/May/2024
Radiated	03CH02-HY	Daniel Lin	23.1~23.4°C / 53~59%	25/Mar/2024~10/May/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	4.53 dB	Confidence levels of 95%
UWB Bandwidth	0.3 MHz	Confidence levels of 95%
Peak Emissions within a 50 MHz Bandwidth	4.2 dB	Confidence levels of 95%
Radiated Emissions	6.38 dB	Confidence levels of 95%
Temperature	0.41 °C	Confidence levels of 95%
Humidity	3.4 %	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

BPRF#3

Mode	Power Setting
Ultra Wide Band_Nss1_1TX(Port 1)	-
7987.2MHz	53
Ultra Wide Band_Nss1_1TX(Port 2)	-
7987.2MHz	43

HPRF#1

Mode	Power Setting
Ultra Wide Band_Nss1_1TX(Port 1)	-
7987.2MHz	5E
Ultra Wide Band_Nss1_1TX(Port 2)	-
7987.2MHz	57

HPRF#16

Mode	Power Setting
Ultra Wide Band_Nss1_1TX(Port 1)	-
7987.2MHz	6C
Ultra Wide Band_Nss1_1TX(Port 2)	-
7987.2MHz	5F

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	PoE mode (CTX)
1	BPRF#3
2	HPRF#1
3	HPRF#16

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	PoE mode (CTX)		
1	BPRF#3		
2	HPRF#1		
3	HPRF#16		
Orthogonal Planes of EUT	**X Plane**	**Y Plane**	**Z Plane**
			
Worst Planes of EUT	V		

2.5 Accessories

Accessories				
Bracket	Brand Name	CISCO	Model Name	Air-AP-Bracket-1
Bracket	Brand Name	CISCO	Model Name	T-Rail R

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

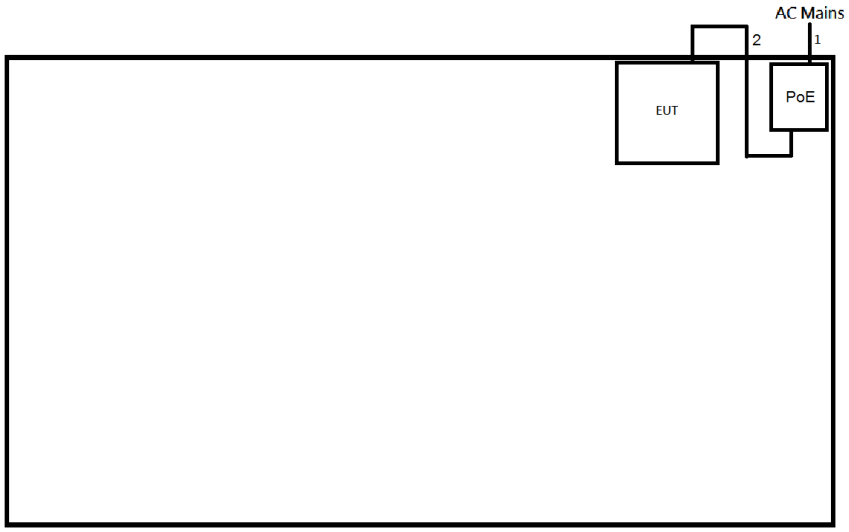
2.6 Support Equipment

Support Equipment – AC Conduction					
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**	**Remark**
1	RJ45 cable	Power sync	CAT-6E-01	-	-
2	AC Power cable	Power sync	TPCPHN0015	-	-
3	PoE	CISCO	POEA33U-1ATE (MA-INJ-4)	-	Provided by Customer

Support Equipment – Radiated					
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**	**Remark**
1	PoE	CISCO	POEA33U-1ATE (MA-INJ-4)	-	Provided by Customer
2	RJ45 cable	Power Sync	CAT-6E-01	-	-
3	AC Power Cable	Power sync	PW-GPC180-3	-	-

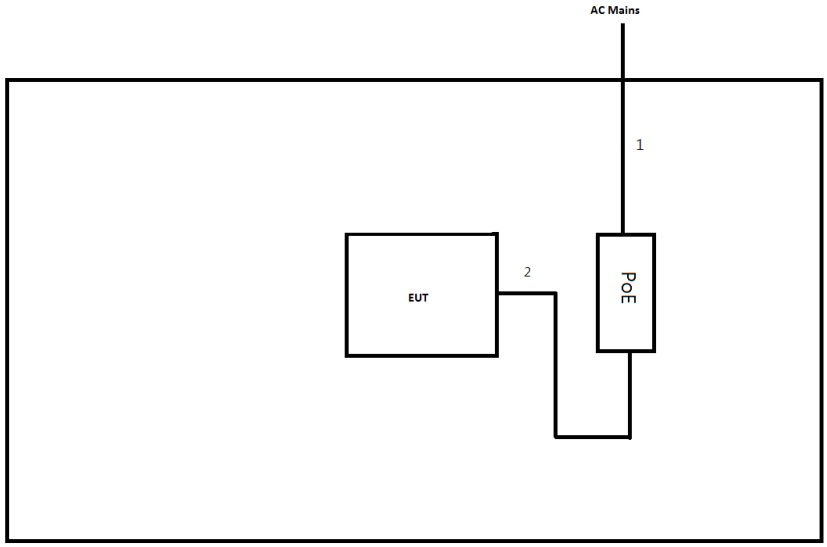
2.7 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



Item	Connection	Shielded	Length(m)	Remark
1	AC Power Cable	No	1.5	-
2	RJ45 Cable	No	1.0	-

Test Setup Diagram - Radiated Test



Item	Connection	Shielded	Length(m)	Remark
1	AC Power Cable	No	1.8	-
2	RJ45 Cable	No	1.0	-

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

3.1.2 Measuring Instruments

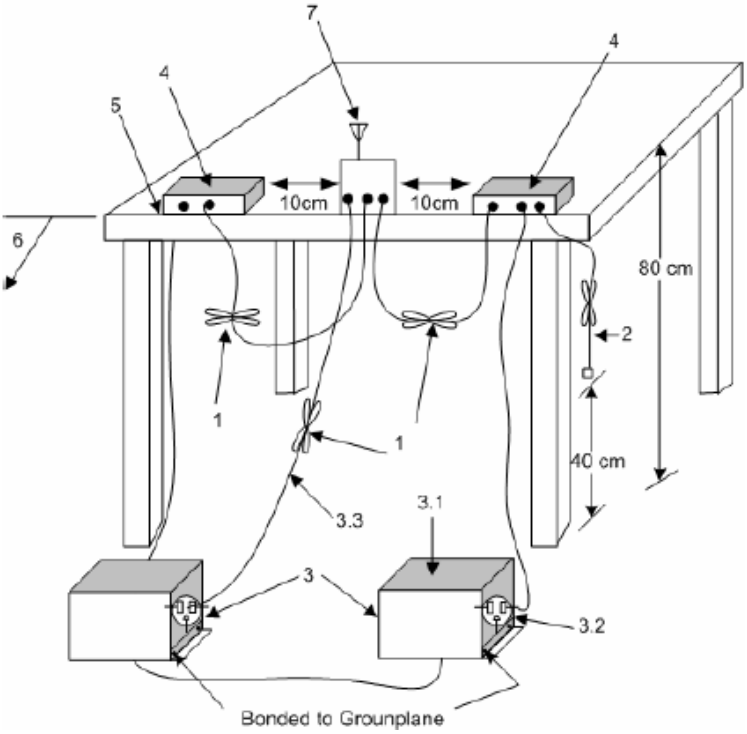
Refer a test equipment and calibration data table in this test report.

3.1.3 Test Procedures

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

3.1.4 Test Setup

AC Power-line Conducted Emissions



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.

3.1.5 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

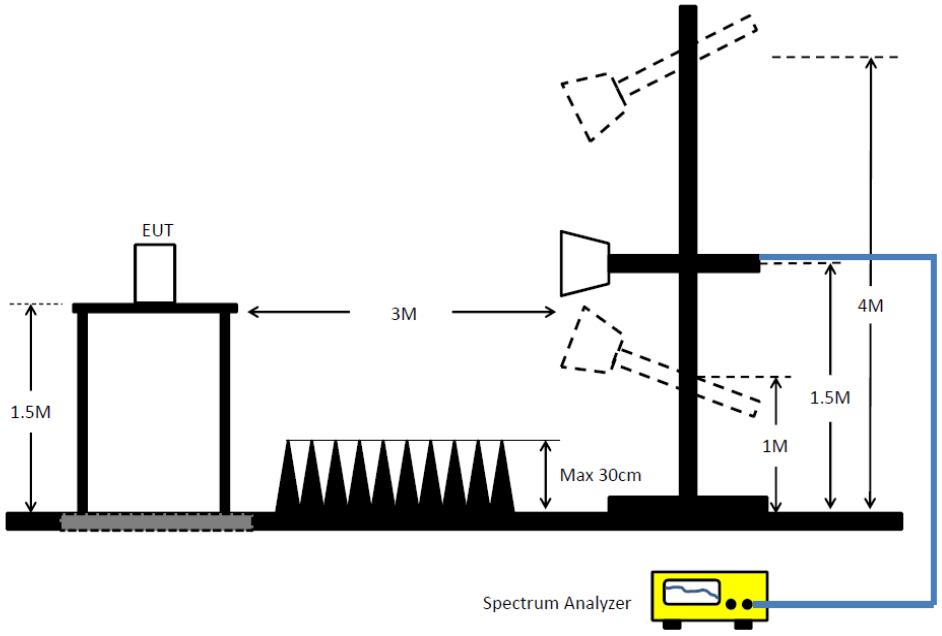
Refer a test equipment and calibration data table in this test report.

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

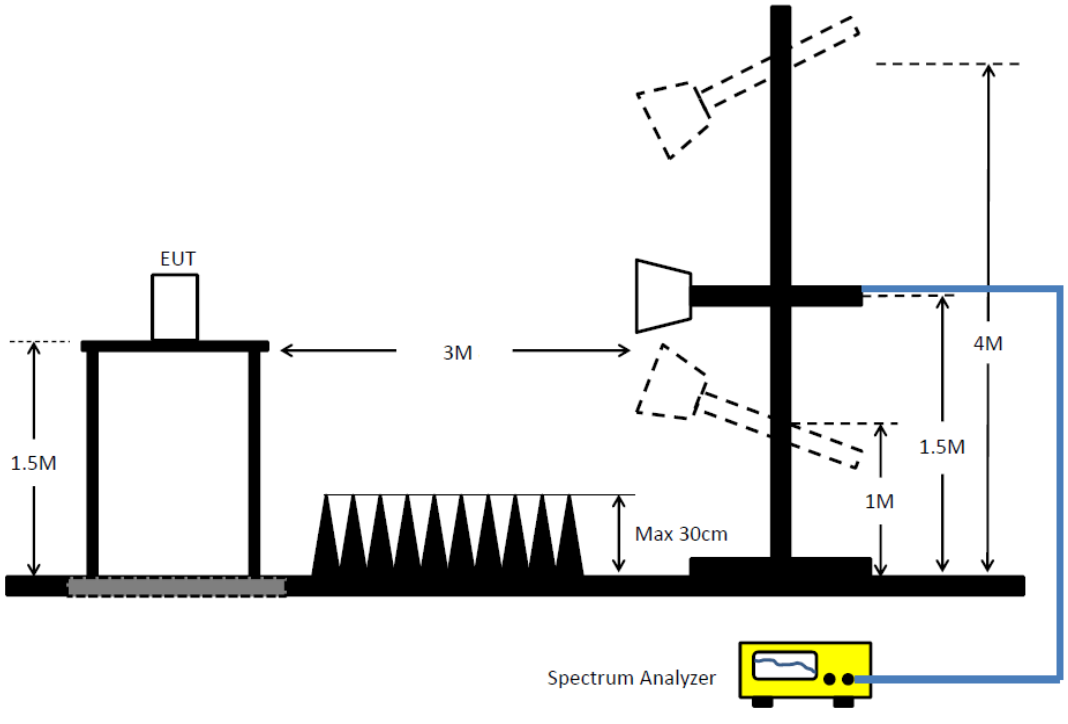
Refer a test equipment and calibration data table in this test report.

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.

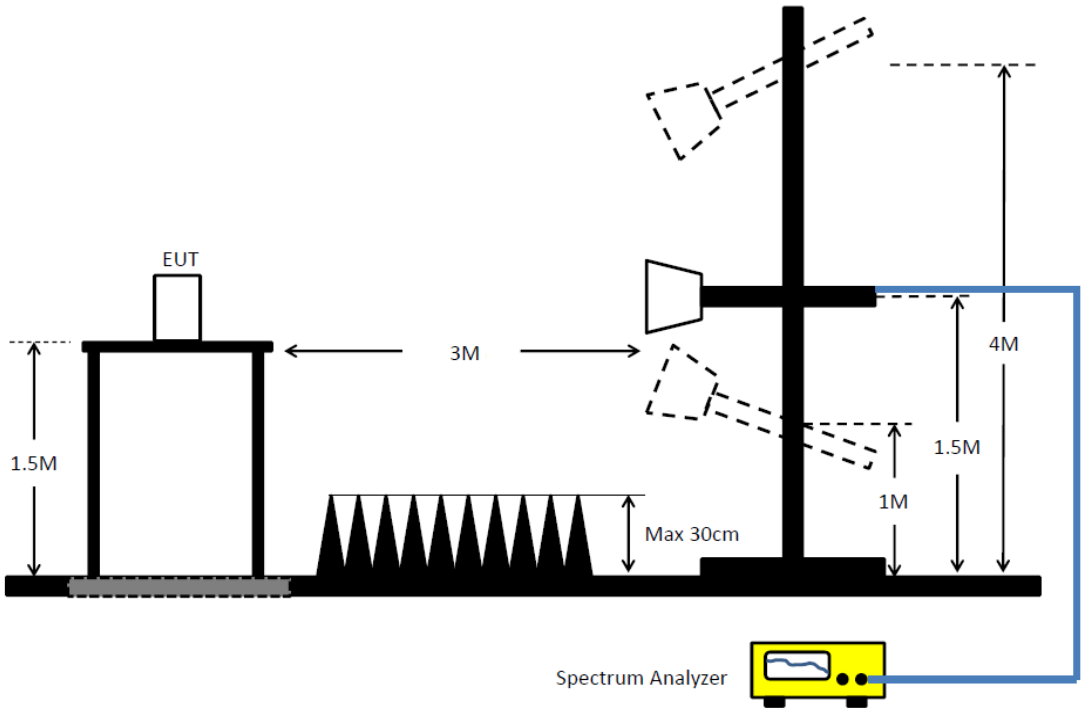
Test Method for Radiated Emissions below 960MHz and Emissions from Digital Circuitry	
☒	Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing 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

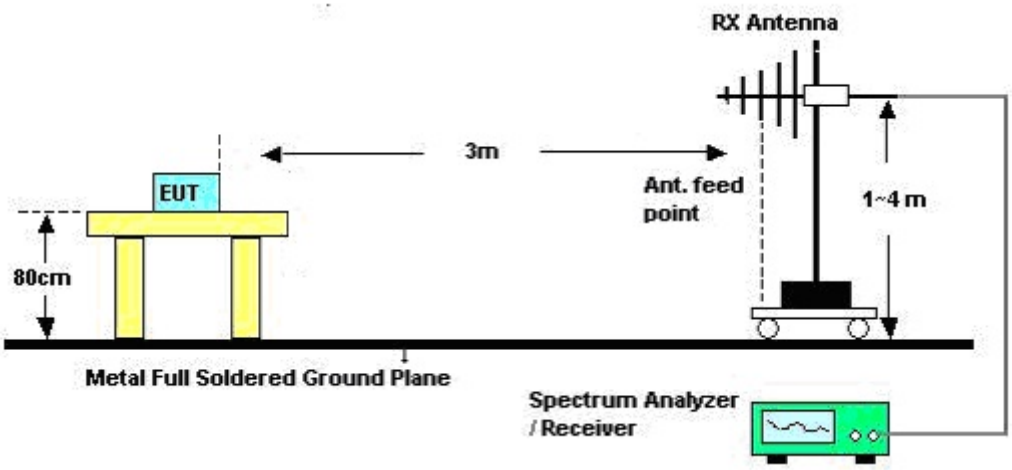
The measured Level is calculated using:
Corrected Reading: Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)

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	R&S	ESR	102051	9kHz ~ 3.6GHz	16/May/2023	15/May/2024
Two-Line V-Network	R&S	ENV 216	101295	9kHz ~ 30MHz	05/Feb/2024	04/Feb/2025
RF Cable 5m	TITAN	TITAN	CO04-cable-01	9 kHz~200MHz	27/Feb/2024	26/Feb/2025
Impuls Begrenzer Puls e Limiter	SCHWARZBECK	VTSD 9561-F	9561-F041	9kHz ~ 30MHz	18/Oct/2023	17/Oct/2024
Software	Sporton	SENSE-EMI	V5.11.3	-	NCR	NCR

NCR: No Calibration Required

Instrument for Radiated Test

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	29/Jul/2023	28/Jul/2024
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH02-HY	1GHz~18GHz 3m	28/Jul/2023	27/Jul/2024
EMI Test Receiver	R&S	ESR	102052	9kHz~3.6GHz	26/May/2023	25/May/2024
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	19/Mar/2024	18/Mar/2025
Bilog Antenna & 6dB Attenuator	SCHAFFNER / EMCI	CBL6112B / N-6-05	22237 / AT-N-0603	30MHz~1GHz	15/Oct/2023	14/Oct/2024
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02268	1GHz~18GHz	23/Sep/2023	22/Sep/2024
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170154	18GHz~40GHz	01/Jun/2023	31/May/2024
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	Aglient	8447D	2944A11149	100kHz~1.3GHz	27/Jun/2023	26/Jun/2024
Microwave Preamplifier	Agilent	8449B	3008A02373	1GHz~26.5GHz	24/Oct/2023	23/Oct/2024
Preamplifier	EMC	EM18G40GA	060887	18GHz ~40GHz	05/Oct/2023	04/Oct/2024
Microwave Preamplifier	EMC INSTRUMENT	EMC051845BE	980241	1 GHz ~ 18 GHz	29/Nov/2023	28/Nov/2024
Spectrum Analyzer	R&S	FSU	100203	9kHz ~ 26GHz	14/May/2024	13/May/2025
Spectrum Analyzer	R&S	FSV40	101515	9kHz~40GHz	02/Feb/2024	01/Feb/2025
SENSE-UWB	Sporton	V5.10.6D	N/A	N/A	N/A	N/A

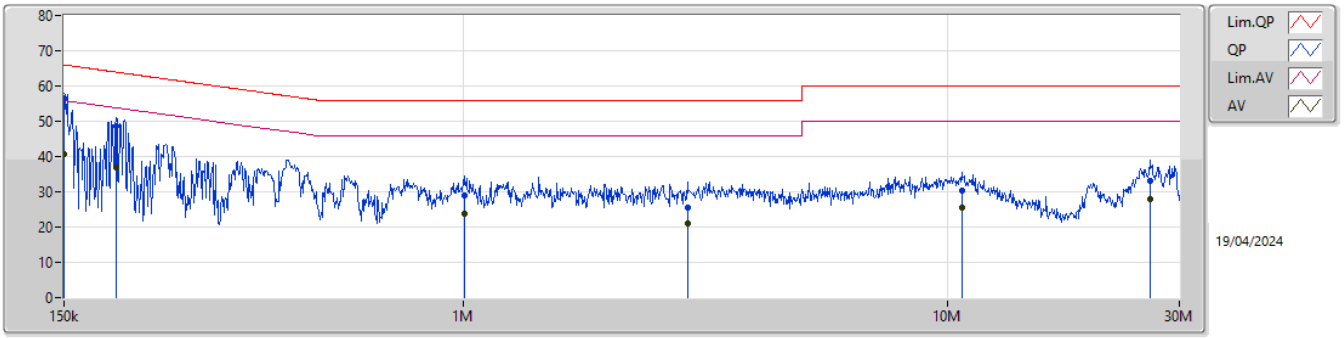
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	150k	56.42	66.00	-9.58	Line

Result

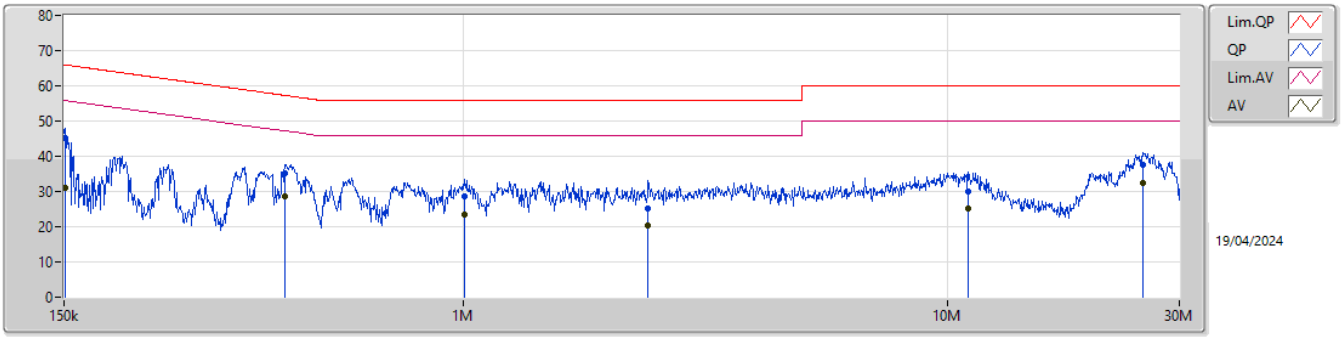
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	150k	56.42	66.00	-9.58	Line	-
Mode 1	Pass	AV	150k	40.68	56.00	-15.32	Line	-
Mode 1	Pass	QP	192.124k	48.75	63.93	-15.18	Line	-
Mode 1	Pass	AV	192.124k	36.97	53.93	-16.96	Line	-
Mode 1	Pass	QP	1.003M	28.95	56.00	-27.05	Line	-
Mode 1	Pass	AV	1.003M	23.69	46.00	-22.31	Line	-
Mode 1	Pass	QP	2.901M	25.66	56.00	-30.34	Line	-
Mode 1	Pass	AV	2.901M	21.04	46.00	-24.96	Line	-
Mode 1	Pass	QP	10.659M	30.23	60.00	-29.77	Line	-
Mode 1	Pass	AV	10.659M	25.47	50.00	-24.53	Line	-
Mode 1	Pass	QP	26.064M	33.07	60.00	-26.93	Line	-
Mode 1	Pass	AV	26.064M	27.92	50.00	-22.08	Line	-
Mode 1	Pass	QP	151.202k	45.06	65.92	-20.86	Neutral	-
Mode 1	Pass	AV	151.202k	31.13	55.92	-24.79	Neutral	-
Mode 1	Pass	QP	428.605k	35.24	57.28	-22.04	Neutral	-
Mode 1	Pass	AV	428.605k	28.56	47.28	-18.72	Neutral	-
Mode 1	Pass	QP	1.003M	28.56	56.00	-27.44	Neutral	-
Mode 1	Pass	AV	1.003M	23.41	46.00	-22.59	Neutral	-
Mode 1	Pass	QP	2.404M	25.15	56.00	-30.85	Neutral	-
Mode 1	Pass	AV	2.404M	20.36	46.00	-25.64	Neutral	-
Mode 1	Pass	QP	11.004M	30.15	60.00	-29.85	Neutral	-
Mode 1	Pass	AV	11.004M	25.34	50.00	-24.66	Neutral	-
Mode 1	Pass	QP	25.245M	37.66	60.00	-22.34	Neutral	-
Mode 1	Pass	AV	25.245M	32.54	50.00	-17.46	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	150k	56.42	66.00	-9.58	19.44	Line	-	36.98	9.61	0.07	9.76
AV	150k	40.68	56.00	-15.32	19.44	Line	-	21.24	9.61	0.07	9.76
QP	192.124k	48.75	63.93	-15.18	19.39	Line	-	29.36	9.61	0.09	9.69
AV	192.124k	36.97	53.93	-16.96	19.39	Line	-	17.58	9.61	0.09	9.69
QP	1.003M	28.95	56.00	-27.05	19.50	Line	-	9.45	9.61	0.09	9.80
AV	1.003M	23.69	46.00	-22.31	19.50	Line	-	4.19	9.61	0.09	9.80
QP	2.901M	25.66	56.00	-30.34	19.51	Line	-	6.15	9.63	0.09	9.79
AV	2.901M	21.04	46.00	-24.96	19.51	Line	-	1.53	9.63	0.09	9.79
QP	10.659M	30.23	60.00	-29.77	19.51	Line	-	10.72	9.65	0.06	9.80
AV	10.659M	25.47	50.00	-24.53	19.51	Line	-	5.96	9.65	0.06	9.80
QP	26.064M	33.07	60.00	-26.93	19.50	Line	-	13.57	9.50	0.18	9.82
AV	26.064M	27.92	50.00	-22.08	19.50	Line	-	8.42	9.50	0.18	9.82

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	151.202k	45.06	65.92	-20.86	19.45	Neutral	-	25.61	9.62	0.07	9.76
AV	151.202k	31.13	55.92	-24.79	19.45	Neutral	-	11.68	9.62	0.07	9.76
QP	428.605k	35.24	57.28	-22.04	19.49	Neutral	-	15.75	9.61	0.12	9.76
AV	428.605k	28.56	47.28	-18.72	19.49	Neutral	-	9.07	9.61	0.12	9.76
QP	1.003M	28.56	56.00	-27.44	19.50	Neutral	-	9.06	9.61	0.09	9.80
AV	1.003M	23.41	46.00	-22.59	19.50	Neutral	-	3.91	9.61	0.09	9.80
QP	2.404M	25.15	56.00	-30.85	19.53	Neutral	-	5.62	9.63	0.10	9.80
AV	2.404M	20.36	46.00	-25.64	19.53	Neutral	-	0.83	9.63	0.10	9.80
QP	11.004M	30.15	60.00	-29.85	19.55	Neutral	-	10.60	9.69	0.06	9.80
AV	11.004M	25.34	50.00	-24.66	19.55	Neutral	-	5.79	9.69	0.06	9.80
QP	25.245M	37.66	60.00	-22.34	19.66	Neutral	-	18.00	9.68	0.14	9.84
AV	25.245M	32.54	50.00	-17.46	19.66	Neutral	-	12.88	9.68	0.14	9.84

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_1TX(Port1)	516M	612M	612MD1D	516M	612M
Ultra Wide Band_Nss1_1TX(Port2)	567M	634.5M	635MD1D	567M	634.5M

Result

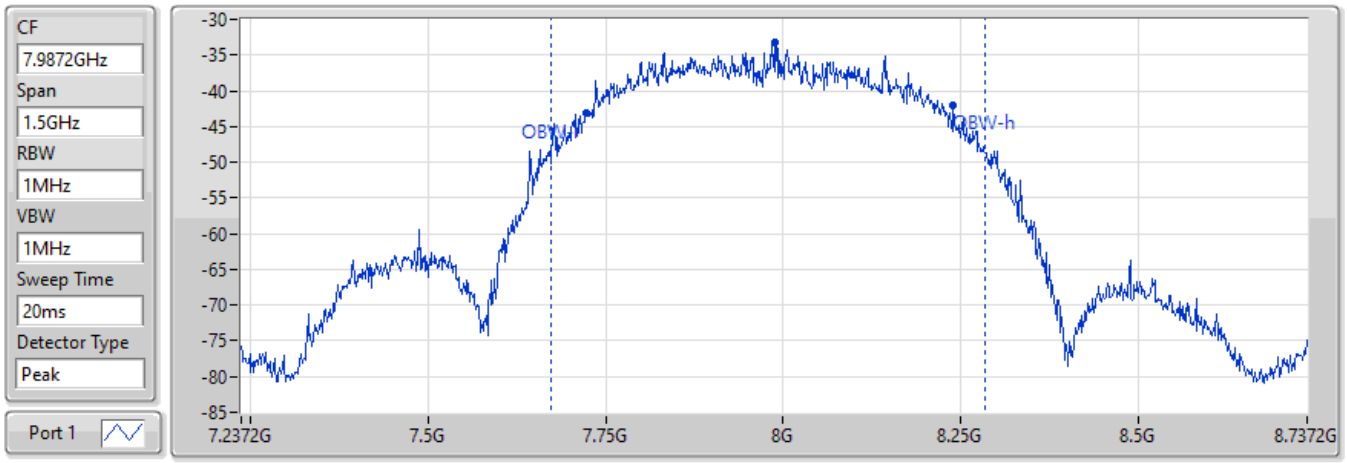
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
Ultra Wide Band_Nss1_1TX(Port1)	-	-	-	-	-	-
7987.2MHz	Pass	500M	516M	612M		
Ultra Wide Band_Nss1_1TX(Port2)	-	-	-	-	-	-
7987.2MHz	Pass	500M			567M	634.5M

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

Ultra Wide Band_Nss1_1TX(Port1) OBW

7987.2MHz

25/03/2024

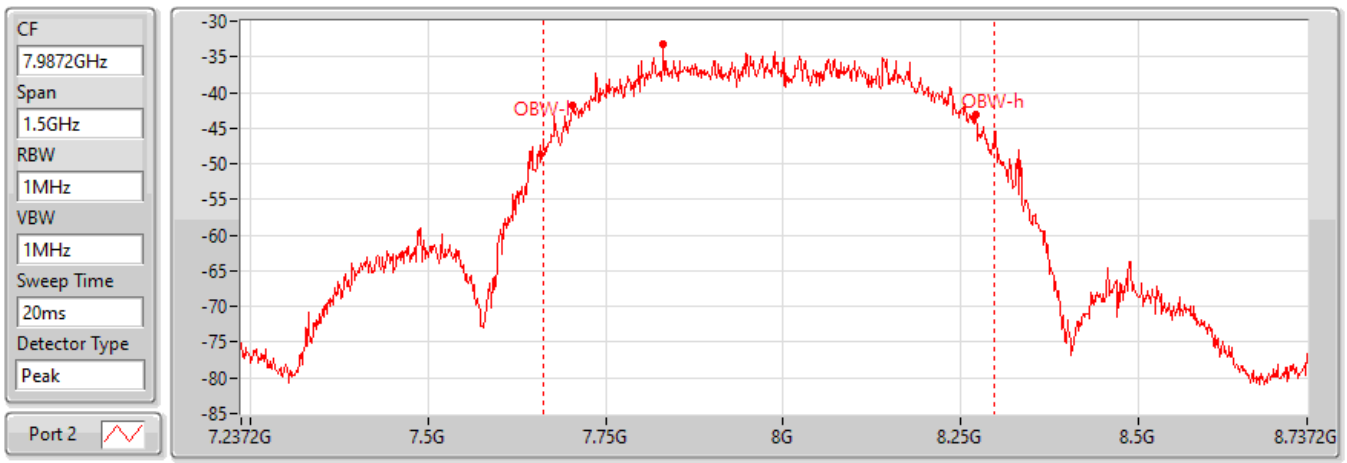


10dB(Hz)	Fl-10dB(Hz)	Fh-10dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
516M	7.7232G	8.2392G	612M	7.6722G	8.2842G	500M	1

Ultra Wide Band_Nss1_1TX(Port2) OBW

7987.2MHz

25/03/2024



10dB(Hz)	Fl-10dB(Hz)	Fh-10dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
567M	7.7037G	8.2707G	634.5M	7.6632G	8.2977G	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_1TX(Port1)	516M	588M	588MD1D	516M	588M
Ultra Wide Band_Nss1_1TX(Port2)	538.5M	610.5M	611MD1D	538.5M	610.5M

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
Ultra Wide Band_Nss1_1TX(Port1)	-	-	-	-	-	-
7987.2MHz	Pass	500M	516M	588M		
Ultra Wide Band_Nss1_1TX(Port2)	-	-	-	-	-	-
7987.2MHz	Pass	500M			538.5M	610.5M

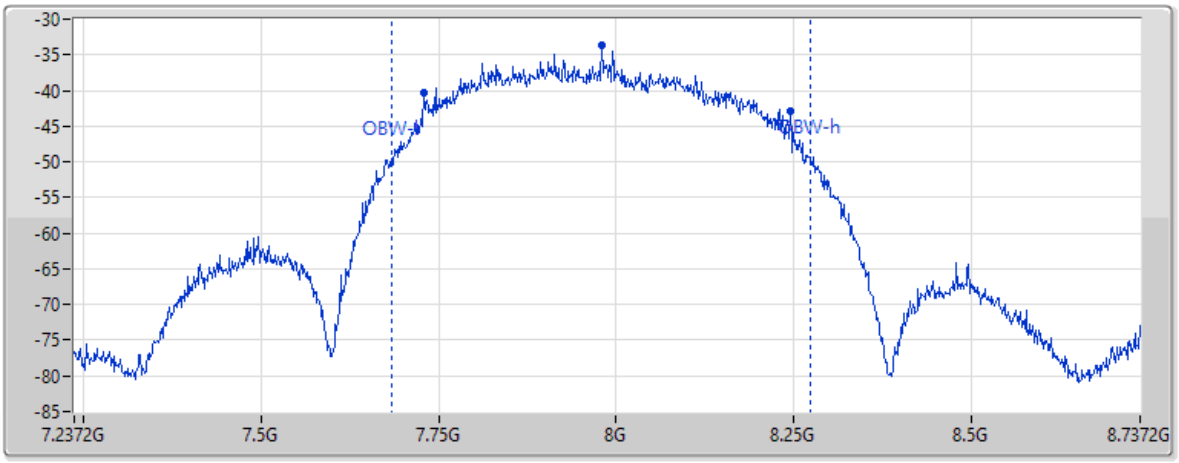
Port X-N dB = Port **X** 6dB down bandwidth
Port X-OBW = Port **X** 99% occupied bandwidth

Ultra Wide Band_Nss1_1TX(Port1) OBW

7987.2MHz

12/04/2024

CF 7.9872GHz
Span 1.5GHz
RBW 1MHz
VBW 1MHz
Sweep Time 20ms
Detector Type Peak
Port 1



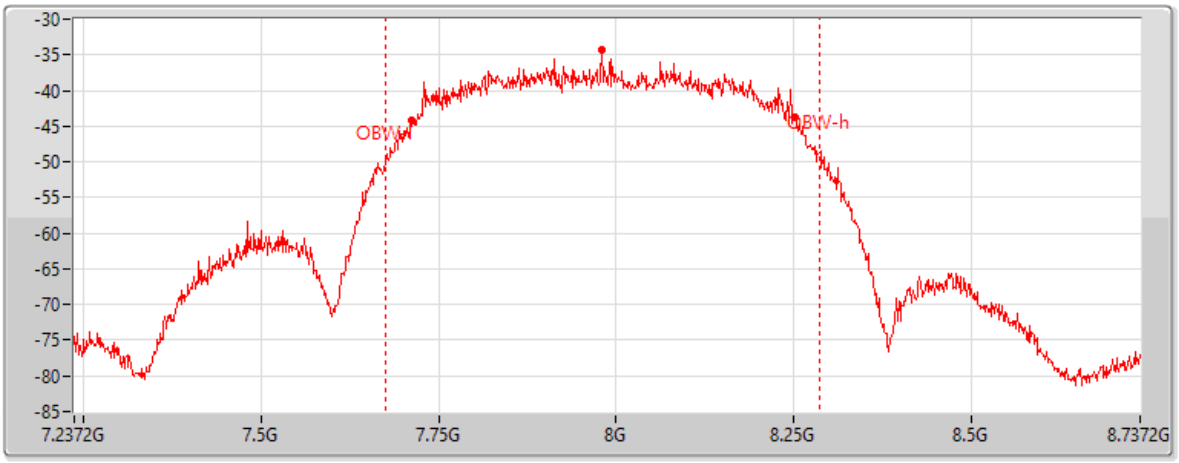
10dB(Hz)	Fl-10dB(Hz)	Fh-10dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
516M	7.7292G	8.2452G	588M	7.6842G	8.2722G	500M	1

Ultra Wide Band_Nss1_1TX(Port2) OBW

7987.2MHz

12/04/2024

CF 7.9872GHz
Span 1.5GHz
RBW 1MHz
VBW 1MHz
Sweep Time 20ms
Detector Type Peak
Port 2



10dB(Hz)	Fl-10dB(Hz)	Fh-10dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
538.5M	7.7127G	8.2512G	610.5M	7.6752G	8.2857G	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_1TX(Port1)	547.5M	597M	597MD1D	547.5M	597M
Ultra Wide Band_Nss1_1TX(Port2)	568.5M	616.5M	617MD1D	568.5M	616.5M

Result

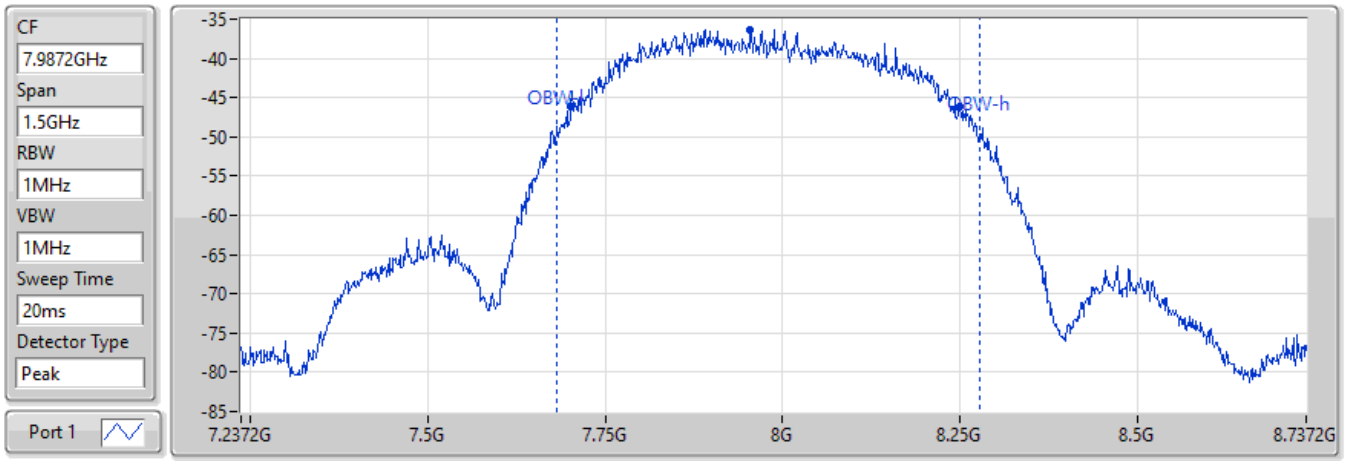
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
Ultra Wide Band_Nss1_1TX(Port1)	-	-	-	-	-	-
7987.2MHz	Pass	500M	547.5M	597M		
Ultra Wide Band_Nss1_1TX(Port2)	-	-	-	-	-	-
7987.2MHz	Pass	500M			568.5M	616.5M

Port X-N dB = Port **X** 6dB down bandwidth
Port X-OBW = Port **X** 99% occupied bandwidth

Ultra Wide Band_Nss1_1TX(Port1) OBW

7987.2MHz

12/04/2024

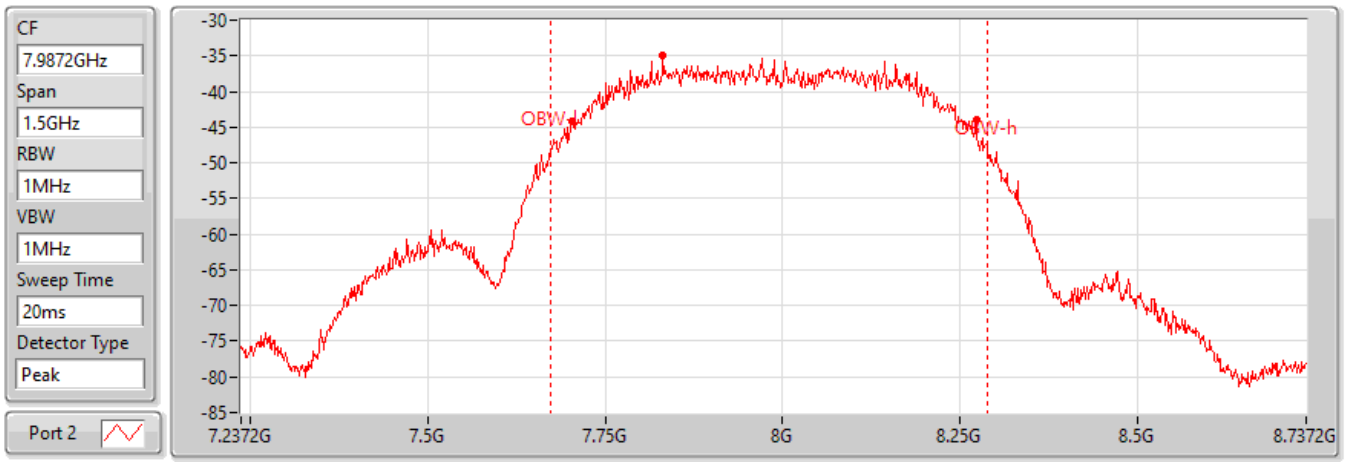


10dB(Hz)	Fl-10dB(Hz)	Fh-10dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
547.5M	7.7022G	8.2497G	597M	7.6812G	8.2782G	500M	1

Ultra Wide Band_Nss1_1TX(Port2) OBW

7987.2MHz

12/04/2024



10dB(Hz)	Fl-10dB(Hz)	Fh-10dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
568.5M	7.7037G	8.2722G	616.5M	7.6722G	8.2887G	500M	2

Summary

Mode	EIRP PD (dBm/50MHz)
3.1-10.6GHz	-
Ultra Wide Band_Nss1_1TX(Port2)	-0.36

Result

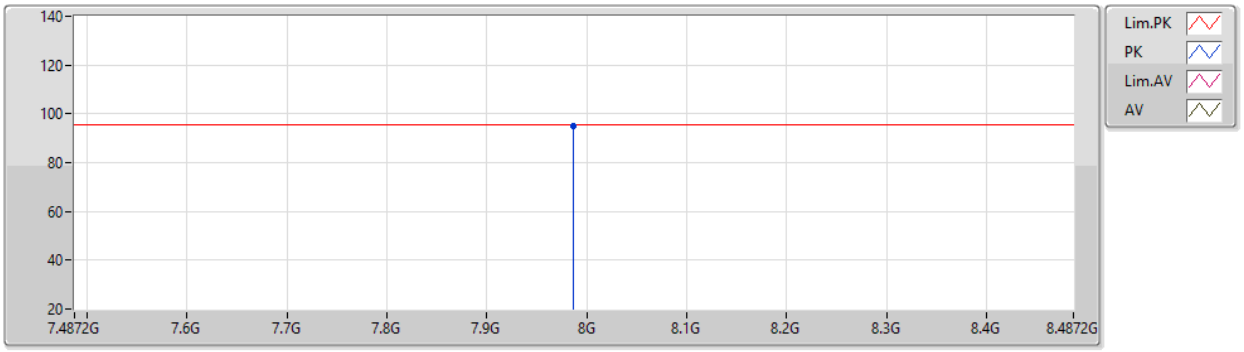
Mode	Result	Raw (dBuV/m)	RBW (MHz)	Factor (dB)	EIRP PD (dBm/50MHz)	EIRP PD Limit (dBm/50MHz)
Ultra Wide Band_Nss1_1TX(Port1)	-	-		-	-	-
7987.2 MHz	Pass	84.73	50	85.09	-0.36	0
Ultra Wide Band_Nss1_1TX(Port2)	-	-		-	-	-
7987.2 MHz	Pass	84.79	50	85.20	-0.41	0

Factor=20*log(RBW/50MHz) + 95.3 - (AF + CL - PA)
EIRP PD= RAW - Factor

Ultra Wide Band_Nss1_1TX(Port1)

21/05/2024

7987.2MHz_TX

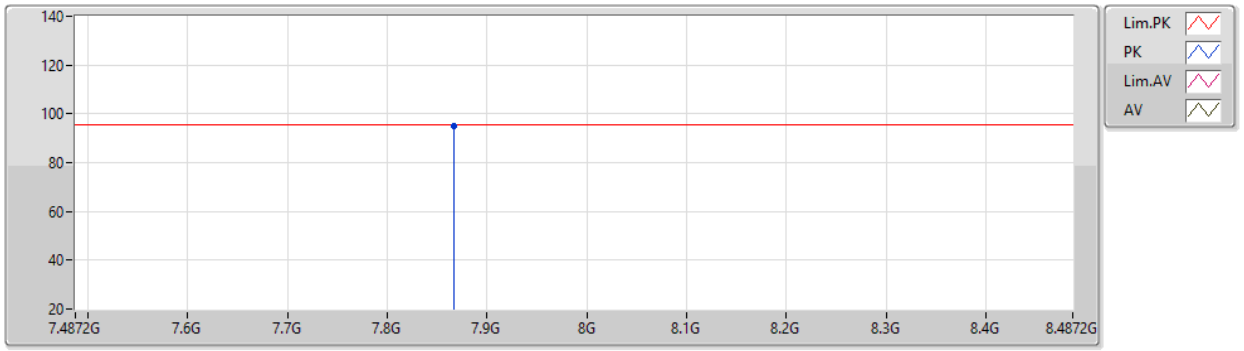


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
PK	7.9862G	94.94	95.30	-0.36	10.21	3	Horizontal	300	1.73	84.73	36.80	8.52	35.11

Ultra Wide Band_Nss1_1TX(Port2)

21/05/2024

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	7.8672G	94.89	95.30	-0.41	10.10	3	Vertical	342	1.89	84.79	36.73	8.46	35.09

Summary

Mode	EIRP PD (dBm/50MHz)
3.1-10.6GHz	-
Ultra Wide Band_Nss1_1TX(Port2)	-5.62

Result

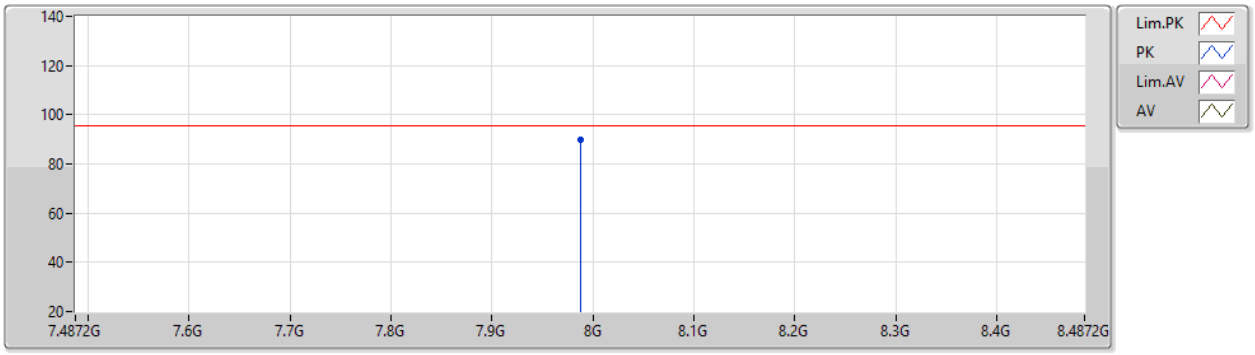
Mode	Result	Raw (dBuV/m)	RBW (MHz)	Factor (dB)	EIRP PD (dBm/50MHz)	EIRP PD Limit (dBm/50MHz)
Ultra Wide Band_Nss1_1TX(Port1)	-	-		-	-	-
7987.2 MHz	Pass	79.47	50	85.09	-5.62	0
Ultra Wide Band_Nss1_1TX(Port2)	-	-		-	-	-
7987.2 MHz	Pass	79.34	50	85.20	-5.86	0

Factor=20*log(RBW/50MHz) + 95.3 - (AF + CL - PA)
EIRP PD= RAW - Factor

Ultra Wide Band_Nss1_1TX(Port1)

21/05/2024

7987.2MHz_TX

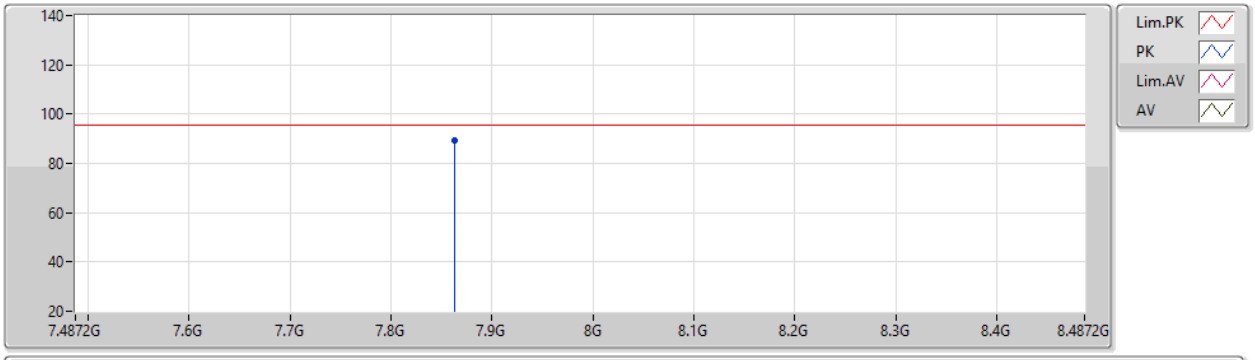


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
PK	7.9882G	89.68	95.30	-5.62	10.21	3	Horizontal	289	2.22	79.47	36.80	8.52	35.11

Ultra Wide Band_Nss1_1TX(Port2)

21/05/2024

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	7.8632G	89.44	95.30	-5.86	10.10	3	Vertical	342	1.90	79.34	36.73	8.46	35.09

Summary

Mode	EIRP PD (dBm/50MHz)
3.1-10.6GHz	-
Ultra Wide Band_Nss1_1TX(Port1)	-4.48

Result

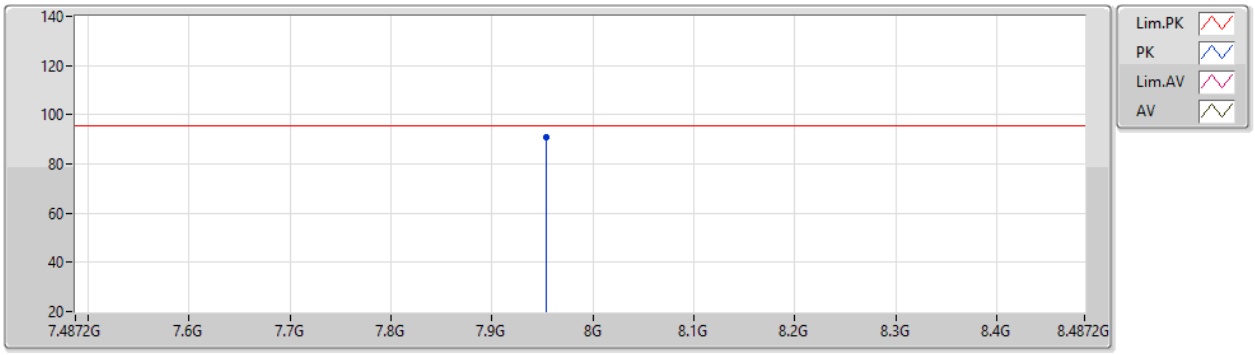
Mode	Result	Raw (dBuV/m)	RBW (MHz)	Factor (dB)	EIRP PD (dBm/50MHz)	EIRP PD Limit (dBm/50MHz)
Ultra Wide Band_Nss1_1TX(Port1)	-	-		-	-	-
7987.2 MHz	Pass	80.61	50	85.09	-4.48	0
Ultra Wide Band_Nss1_1TX(Port2)	-	-			-	-
7987.2 MHz	Pass	79.01	50	85.09	-6.08	0

Factor=20*log(RBW/50MHz) + 95.3 - (AF + CL - PA)
EIRP PD= RAW - Factor

Ultra Wide Band_Nss1_1TX(Port1)

21/05/2024

7987.2MHz_TX

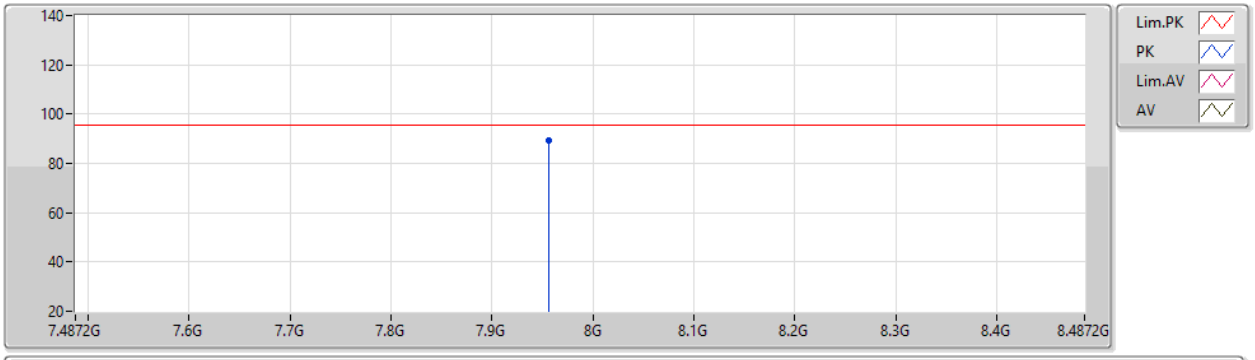


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
PK	7.9532G	90.82	95.30	-4.48	10.21	3	Horizontal	302	1.81	80.61	36.80	8.51	35.10

Ultra Wide Band_Nss1_1TX(Port2)

21/05/2024

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	7.9562G	89.22	95.30	-6.08	10.21	3	Vertical	342	1.72	79.01	36.80	8.51	35.10

Summary

Mode	EIRP PD (dBm/MHz)
3.1-10.6GHz	-
Ultra Wide Band_Nss1_1TX(Port1)	-42.03

Result

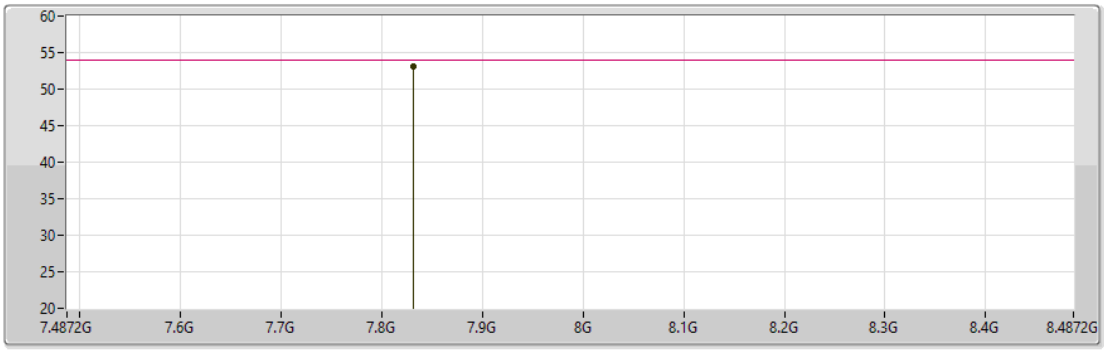
Mode	Result	Raw (dBuV/m)	RBW (MHz)	Factor (dB)	EIRP PD (dBm/MHz)	EIRP PD Limit (dBm/MHz)
Ultra Wide Band_Nss1_1TX(Port1)	-	-		-	-	-
7987.2MHz	Pass	43.14	1	85.28	-42.14	-41.30
Ultra Wide Band_Nss1_1TX(Port2)	-				-	-
7987.2 MHz	Pass	43.25	1	85.28	-42.03	-41.30

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

Ultra Wide Band_Nss1_1TX(Port1)

21/05/2024

7987.2MHz_TX

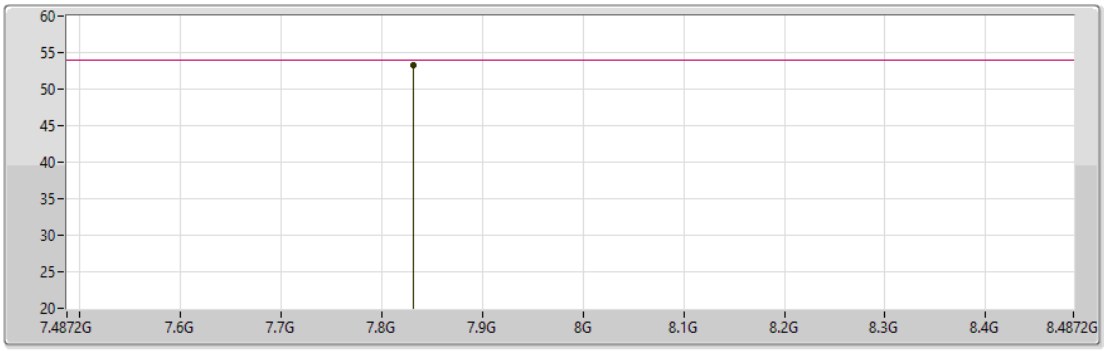


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	7.8312G	53.16	54.00	-0.84	10.02	3	Horizontal	315	2.17	43.14	36.66	8.45	35.09

Ultra Wide Band_Nss1_1TX(Port2)

21/05/2024

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	7.8312G	53.27	54.00	-0.73	10.02	3	Vertical	342	2.22	43.25	36.66	8.45	35.09

Summary

Mode	EIRP PD (dBm/MHz)
3.1-10.6GHz	-
Ultra Wide Band_Nss1_1TX(Port2)	-41.68

Result

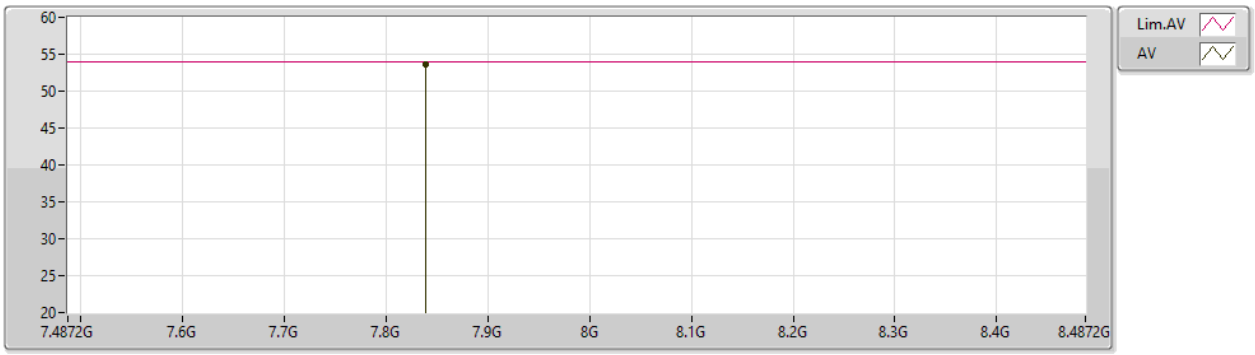
Mode	Result	Raw (dBuV/m)	RBW (MHz)	Factor (dB)	EIRP PD (dBm/MHz)	EIRP PD Limit (dBm/MHz)
Ultra Wide Band_Nss1_1TX(Port1)	-	-		-	-	-
7987.2MHz	Pass	43.58	1	85.26	-41.68	-41.30
Ultra Wide Band_Nss1_1TX(Port2)	-	-		-	-	-
7987.2 MHz	Pass	43.54	1	85.27	-41.73	-41.30

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

Ultra Wide Band_Nss1_1TX(Port1)

21/05/2024

7987.2MHz_TX

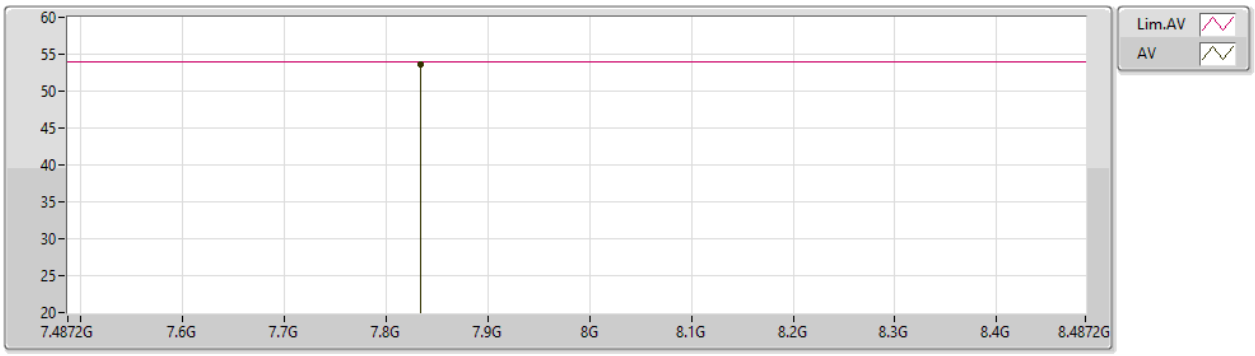


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	7.8392G	53.62	54.00	-0.38	10.04	3	Horizontal	290	2.22	43.58	36.68	8.45	35.09

Ultra Wide Band_Nss1_1TX(Port2)

21/05/2024

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	7.8342G	53.57	54.00	-0.43	10.03	3	Vertical	342	1.90	43.54	36.67	8.45	35.09

Summary

Mode	EIRP PD (dBm/MHz)
3.1-10.6GHz	-
Ultra Wide Band_Nss1_1TX(Port2)	-41.64

Result

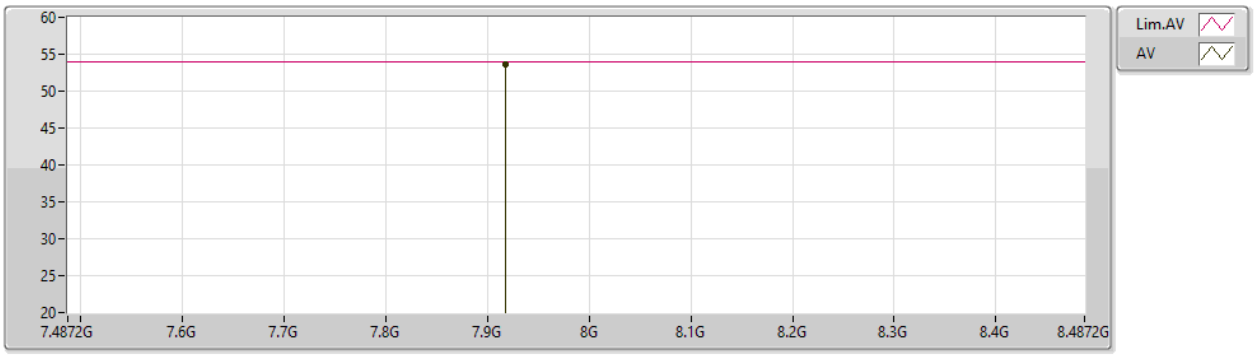
Mode	Result	Raw (dBuV/m)	RBW (MHz)	Factor (dB)	EIRP PD (dBm/MHz)	EIRP PD Limit (dBm/MHz)
Ultra Wide Band_Nss1_1TX(Port1)	-	-		-	-	-
7987.2MHz	Pass	43.47	1	85.11	-41.64	-41.30
Ultra Wide Band_Nss1_1TX(Port2)	-	-		-	-	-
7987.2 MHz	Pass	43.63	1	85.29	-41.66	-41.30

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

Ultra Wide Band_Nss1_1TX(Port1)

21/05/2024

7987.2MHz_TX

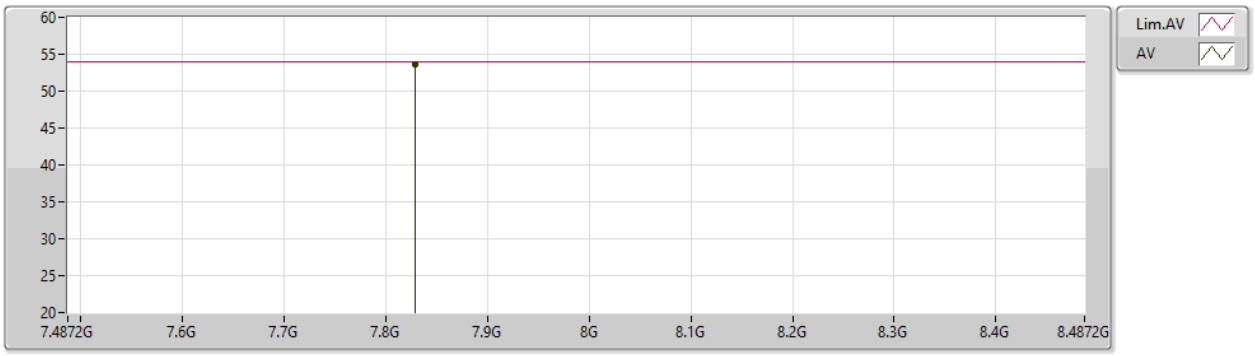


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	7.9182G	53.66	54.00	-0.34	10.19	3	Horizontal	302	1.81	43.47	36.80	8.49	35.10

Ultra Wide Band_Nss1_1TX(Port2)

21/05/2024

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	7.8292G	53.64	54.00	-0.36	10.01	3	Vertical	342	1.72	43.63	36.66	8.44	35.09

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	800.04M	40.31	46.00	-5.69	3	Horizontal	360	3.00
Ultra Wide Band_Nss1_1TX(Port2)	Pass	PK	800.04M	40.30	46.00	-5.70	3	Horizontal	0	3.00

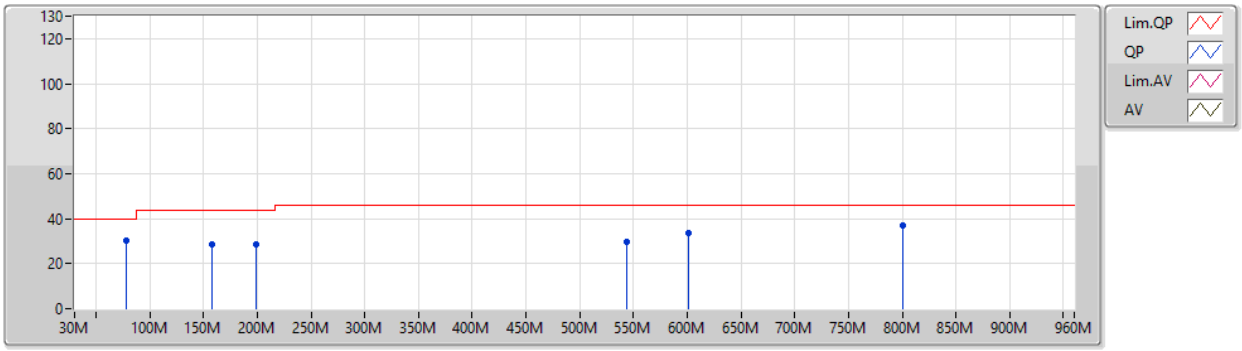
Result

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	PK	78.36M	30.35	40.00	-9.65	3	Vertical	0	3.00
7987.2MHz	Pass	PK	158.34M	28.39	43.50	-15.11	3	Vertical	0	3.00
7987.2MHz	Pass	PK	199.26M	28.66	43.50	-14.84	3	Vertical	0	3.00
7987.2MHz	Pass	PK	543.36M	29.91	46.00	-16.09	3	Vertical	0	3.00
7987.2MHz	Pass	PK	601.02M	33.49	46.00	-12.51	3	Vertical	0	3.00
7987.2MHz	Pass	PK	800.04M	37.15	46.00	-8.85	3	Vertical	0	3.00
7987.2MHz	Pass	PK	30M	29.94	40.00	-10.06	3	Horizontal	360	3.00
7987.2MHz	Pass	PK	78.36M	27.33	40.00	-12.67	3	Horizontal	360	3.00
7987.2MHz	Pass	PK	158.34M	26.77	43.50	-16.73	3	Horizontal	360	3.00
7987.2MHz	Pass	PK	199.26M	34.57	43.50	-8.93	3	Horizontal	360	3.00
7987.2MHz	Pass	PK	601.02M	34.17	46.00	-11.83	3	Horizontal	360	3.00
7987.2MHz	Pass	PK	800.04M	40.31	46.00	-5.69	3	Horizontal	360	3.00
Ultra Wide Band_Nss1_1TX(Port2)	-	-	-	-	-	-	-	-	-	-
7987.2MHz	Pass	PK	30M	32.06	40.00	-7.94	3	Vertical	360	3.00
7987.2MHz	Pass	PK	78.36M	30.92	40.00	-9.08	3	Vertical	360	3.00
7987.2MHz	Pass	PK	158.34M	28.81	43.50	-14.69	3	Vertical	360	3.00
7987.2MHz	Pass	PK	199.26M	27.34	43.50	-16.16	3	Vertical	360	3.00
7987.2MHz	Pass	PK	601.02M	33.04	46.00	-12.96	3	Vertical	360	3.00
7987.2MHz	Pass	PK	800.04M	37.53	46.00	-8.47	3	Vertical	360	3.00
7987.2MHz	Pass	PK	37.44M	27.93	40.00	-12.07	3	Horizontal	0	3.00
7987.2MHz	Pass	PK	78.36M	27.22	40.00	-12.78	3	Horizontal	0	3.00
7987.2MHz	Pass	PK	158.34M	27.71	43.50	-15.79	3	Horizontal	0	3.00
7987.2MHz	Pass	PK	199.26M	34.01	43.50	-9.49	3	Horizontal	0	3.00
7987.2MHz	Pass	PK	601.02M	34.22	46.00	-11.78	3	Horizontal	0	3.00
7987.2MHz	Pass	PK	800.04M	40.30	46.00	-5.70	3	Horizontal	0	3.00

Ultra Wide Band_Nss1_1TX(Port1)

25/04/2024

7987.2MHz_PoE

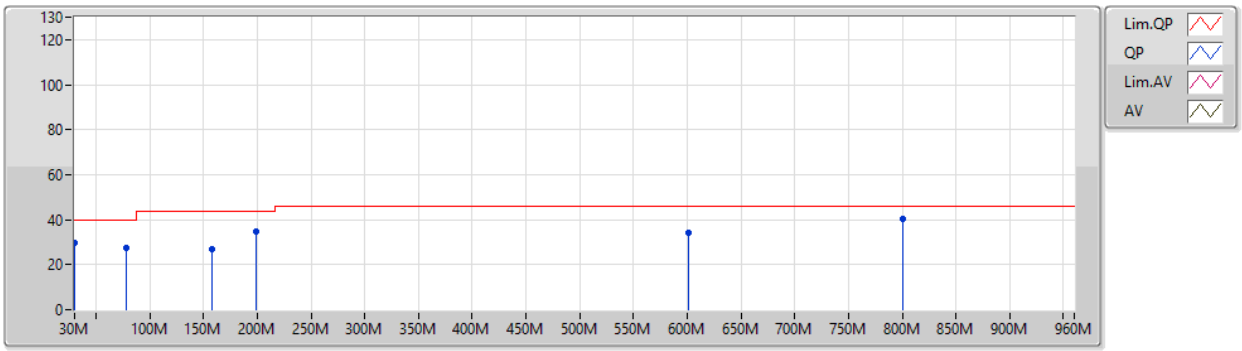


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
PK	78.36M	30.35	40.00	-9.65	-14.14	3	Vertical	0	3.00	44.49	11.86	1.76	27.76
PK	158.34M	28.39	43.50	-15.11	-10.06	3	Vertical	0	3.00	38.45	15.06	2.58	27.70
PK	199.26M	28.66	43.50	-14.84	-10.13	3	Vertical	0	3.00	38.79	14.41	2.94	27.48
PK	543.36M	29.91	46.00	-16.09	1.16	3	Vertical	0	3.00	28.75	24.72	5.10	28.66
PK	601.02M	33.49	46.00	-12.51	1.34	3	Vertical	0	3.00	32.15	24.03	5.80	28.49
PK	800.04M	37.15	46.00	-8.85	3.44	3	Vertical	0	3.00	33.71	25.31	6.46	28.33

Ultra Wide Band_Nss1_1TX(Port1)

25/04/2024

7987.2MHz_PoE

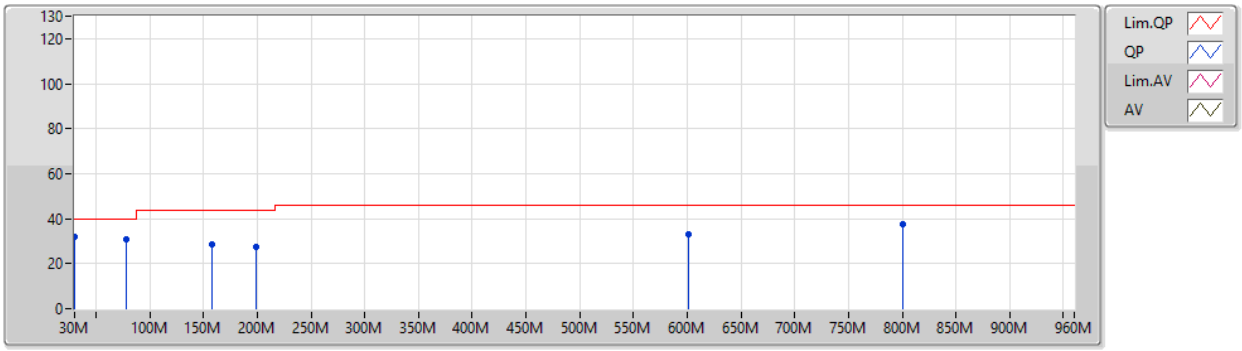


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
PK	30M	29.94	40.00	-10.06	-2.68	3	Horizontal	360	3.00	32.62	23.49	1.23	27.40
PK	78.36M	27.33	40.00	-12.67	-14.14	3	Horizontal	360	3.00	41.47	11.86	1.76	27.76
PK	158.34M	26.77	43.50	-16.73	-10.06	3	Horizontal	360	3.00	36.83	15.06	2.58	27.70
PK	199.26M	34.57	43.50	-8.93	-10.13	3	Horizontal	360	3.00	44.70	14.41	2.94	27.48
PK	601.02M	34.17	46.00	-11.83	1.34	3	Horizontal	360	3.00	32.83	24.03	5.80	28.49
PK	800.04M	40.31	46.00	-5.69	3.44	3	Horizontal	360	3.00	36.87	25.31	6.46	28.33

Ultra Wide Band_Nss1_1TX(Port2)

25/04/2024

7987.2MHz_PoE

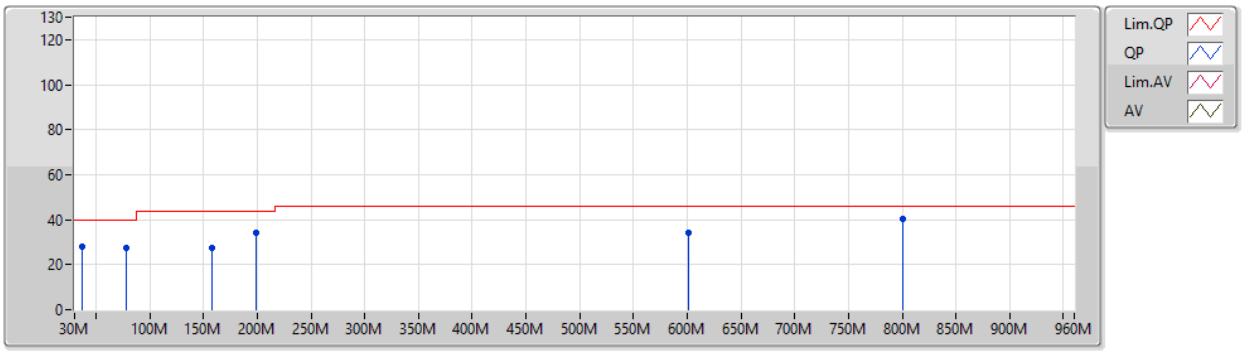


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
PK	30M	32.06	40.00	-7.94	-2.68	3	Vertical	360	3.00	34.74	23.49	1.23	27.40
PK	78.36M	30.92	40.00	-9.08	-14.14	3	Vertical	360	3.00	45.06	11.86	1.76	27.76
PK	158.34M	28.81	43.50	-14.69	-10.06	3	Vertical	360	3.00	38.87	15.06	2.58	27.70
PK	199.26M	27.34	43.50	-16.16	-10.13	3	Vertical	360	3.00	37.47	14.41	2.94	27.48
PK	601.02M	33.04	46.00	-12.96	1.34	3	Vertical	360	3.00	31.70	24.03	5.80	28.49
PK	800.04M	37.53	46.00	-8.47	3.44	3	Vertical	360	3.00	34.09	25.31	6.46	28.33

Ultra Wide Band_Nss1_1TX(Port2)

25/04/2024

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	37.44M	27.93	40.00	-12.07	-6.02	3	Horizontal	0	3.00	33.95	19.48	1.34	26.84
PK	78.36M	27.22	40.00	-12.78	-14.14	3	Horizontal	0	3.00	41.36	11.86	1.76	27.76
PK	158.34M	27.71	43.50	-15.79	-10.06	3	Horizontal	0	3.00	37.77	15.06	2.58	27.70
PK	199.26M	34.01	43.50	-9.49	-10.13	3	Horizontal	0	3.00	44.14	14.41	2.94	27.48
PK	601.02M	34.22	46.00	-11.78	1.34	3	Horizontal	0	3.00	32.88	24.03	5.80	28.49
PK	800.04M	40.30	46.00	-5.70	3.44	3	Horizontal	0	3.00	36.86	25.31	6.46	28.33

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	1.60002G	10.46	-	-	3	Vertical	334	1.49
Ultra Wide Band_Nss1_1TX(Port2)	Pass	AV	1.60002G	9.91	-	-	3	Vertical	331	1.48

Result

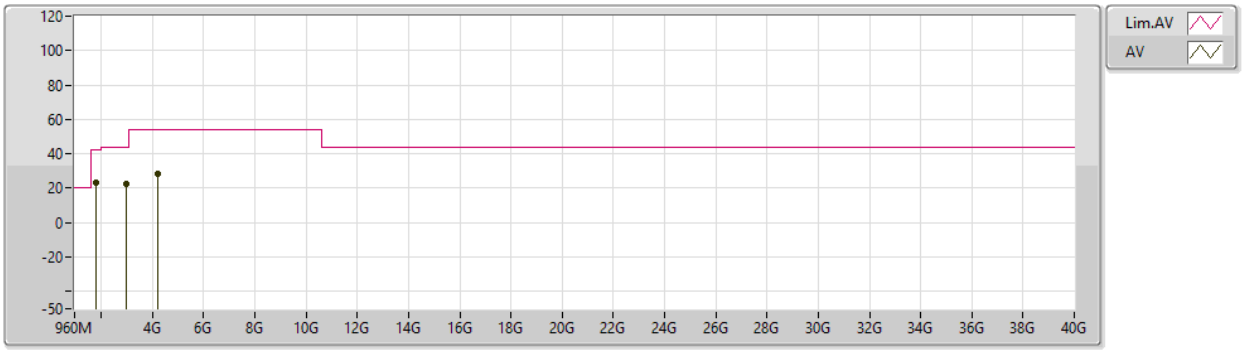
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
Ultra Wide Band_Nss1_1TX(Port1)	-	-	-	-	-	-	-	-	-	-
7987.2MHz	Pass	AV	1.79968G	23.60	42.00	-18.40	3	Vertical	360	3.00
7987.2MHz	Pass	AV	3.00031G	22.71	44.00	-21.29	3	Vertical	360	3.00
7987.2MHz	Pass	AV	4.19995G	28.60	54.00	-25.40	3	Vertical	360	3.00
7987.2MHz	Pass	AV	2.39975G	22.66	44.00	-21.34	3	Horizontal	0	3.00
7987.2MHz	Pass	AV	3.49741G	21.95	54.00	-32.05	3	Horizontal	0	3.00
7987.2MHz	Pass	AV	5.00004G	29.92	54.00	-24.08	3	Horizontal	0	3.00
7987.2MHz	Pass	AV	1.19303G	3.80	10.00	-6.20	3	Vertical	356	1.83
7987.2MHz	Pass	AV	1.20001G	6.40	10.00	-3.60	3	Vertical	219	1.67
7987.2MHz	Pass	AV	1.20183G	5.39	10.00	-4.61	3	Vertical	360	1.79
7987.2MHz	Pass	AV	1.18819G	0.91	10.00	-9.09	3	Horizontal	314	1.68
7987.2MHz	Pass	AV	1.20001G	7.84	10.00	-2.16	3	Horizontal	287	1.49
7987.2MHz	Pass	AV	1.20756G	0.90	10.00	-9.10	3	Horizontal	326	1.07
7987.2MHz	Pass	AV	1.57013G	-7.13	10.00	-17.13	3	Vertical	16	2.27
7987.2MHz	Pass	AV	1.58296G	-6.35	10.00	-16.35	3	Vertical	357	1.16
7987.2MHz	Pass	AV	1.60002G	10.46	-	-	3	Vertical	334	1.49
7987.2MHz	Pass	AV	1.57492G	-5.51	10.00	-15.51	3	Horizontal	360	1.62
7987.2MHz	Pass	AV	1.58559G	-6.76	10.00	-16.76	3	Horizontal	70	1.49
7987.2MHz	Pass	AV	1.60002G	14.15	-	-	3	Horizontal	318	1.49
Ultra Wide Band_Nss1_1TX(Port2)	-	-	-	-	-	-	-	-	-	-
7987.2MHz	Pass	AV	1.79968G	23.67	42.00	-18.33	3	Vertical	0	3.00
7987.2MHz	Pass	AV	2.99981G	22.83	44.00	-21.17	3	Vertical	0	3.00
7987.2MHz	Pass	AV	3.7999G	24.57	54.00	-29.43	3	Vertical	0	3.00
7987.2MHz	Pass	AV	1.73366G	19.39	42.00	-22.61	3	Horizontal	360	3.00
7987.2MHz	Pass	AV	2.00019G	18.74	44.00	-25.26	3	Horizontal	360	3.00
7987.2MHz	Pass	AV	3.39986G	22.16	54.00	-31.84	3	Horizontal	360	3.00
7987.2MHz	Pass	AV	1.19373G	3.10	10.00	-6.90	3	Vertical	359	1.92
7987.2MHz	Pass	AV	1.19758G	2.58	10.00	-7.42	3	Vertical	0	1.49
7987.2MHz	Pass	AV	1.20146G	3.54	10.00	-6.46	3	Vertical	3	1.85
7987.2MHz	Pass	AV	1.19378G	1.27	10.00	-8.73	3	Horizontal	308	1.69
7987.2MHz	Pass	AV	1.20001G	8.24	10.00	-1.76	3	Horizontal	358	1.48
7987.2MHz	Pass	AV	1.20342G	1.40	10.00	-8.60	3	Horizontal	360	2.18
7987.2MHz	Pass	AV	1.57451G	-5.39	10.00	-15.39	3	Vertical	231	2.15
7987.2MHz	Pass	AV	1.58605G	-7.70	10.00	-17.70	3	Vertical	59	1.15
7987.2MHz	Pass	AV	1.60002G	9.91	-	-	3	Vertical	331	1.48
7987.2MHz	Pass	AV	1.57139G	-4.53	10.00	-14.53	3	Horizontal	68	1.87
7987.2MHz	Pass	AV	1.58307G	-4.69	10.00	-14.69	3	Horizontal	66	1.78
7987.2MHz	Pass	AV	1.60002G	12.69	-	-	3	Horizontal	311	1.49

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

Ultra Wide Band_Nss1_1TX(Port1)

25/04/2024

7987.2MHz_TX

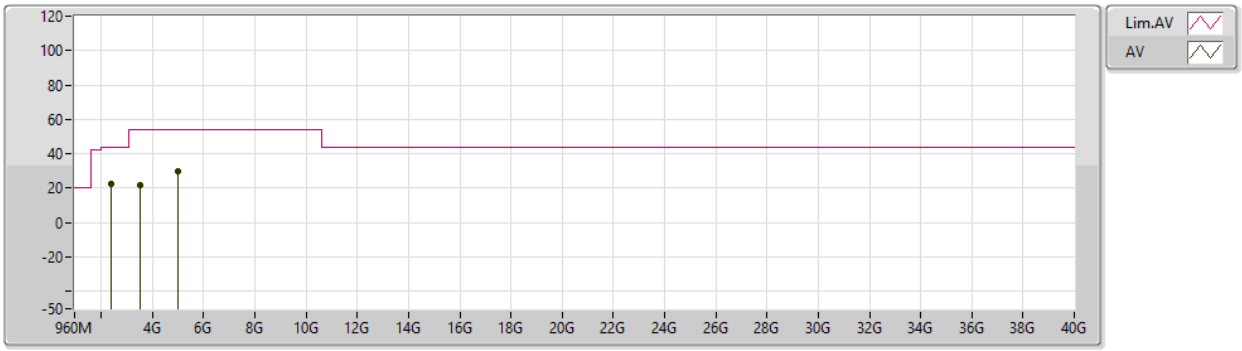


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	1.79968G	23.60	42.00	-18.40	-31.42	3	Vertical	360	3.00	55.02	25.00	3.88	50.76
AV	3.00031G	22.71	44.00	-21.29	-25.34	3	Vertical	360	3.00	48.05	29.50	5.17	50.47
AV	4.19995G	28.60	54.00	-25.40	-22.80	3	Vertical	360	3.00	51.40	30.90	6.09	50.25

Ultra Wide Band_Nss1_1TX(Port1)

25/04/2024

7987.2MHz_TX

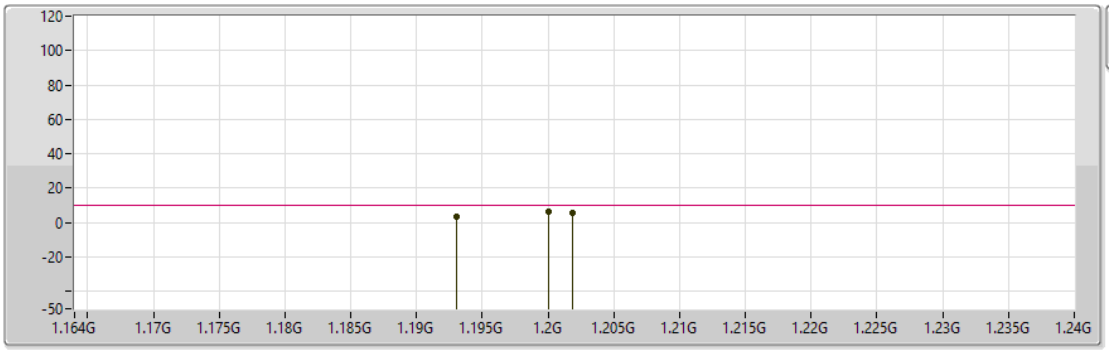


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.39975G	22.66	44.00	-21.34	-28.04	3	Horizontal	0	3.00	50.70	27.40	4.54	50.44
AV	3.49741G	21.95	54.00	-32.05	-24.97	3	Horizontal	0	3.00	46.92	29.30	5.64	50.37
AV	5.00004G	29.92	54.00	-24.08	-20.05	3	Horizontal	0	3.00	49.97	33.10	6.72	50.33

Ultra Wide Band_Nss1_1TX(Port1)

25/04/2024

7987.2MHz_TX

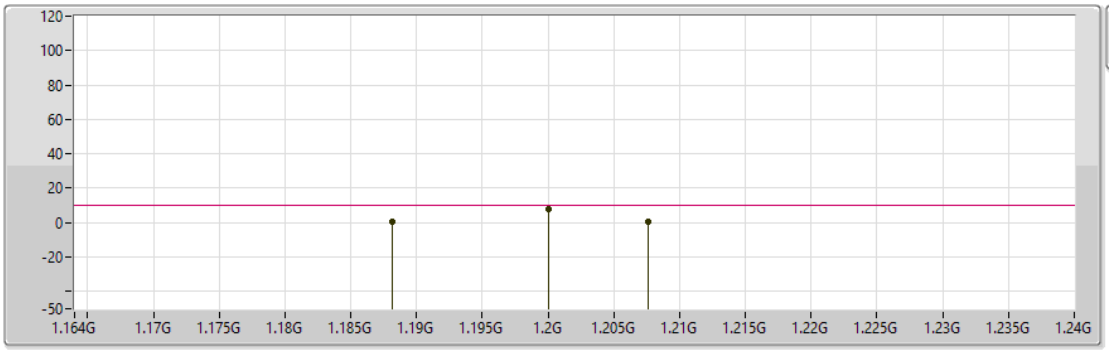


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	1.19303G	3.80	10.00	-6.20	-31.02	3	Vertical	356	1.83	34.82	25.94	3.14	50.56
AV	1.20001G	6.40	10.00	-3.60	-31.15	3	Vertical	219	1.67	37.55	25.80	3.15	50.56
AV	1.20183G	5.39	10.00	-4.61	-31.15	3	Vertical	360	1.79	36.54	25.80	3.15	50.56

Ultra Wide Band_Nss1_1TX(Port1)

25/04/2024

7987.2MHz_TX

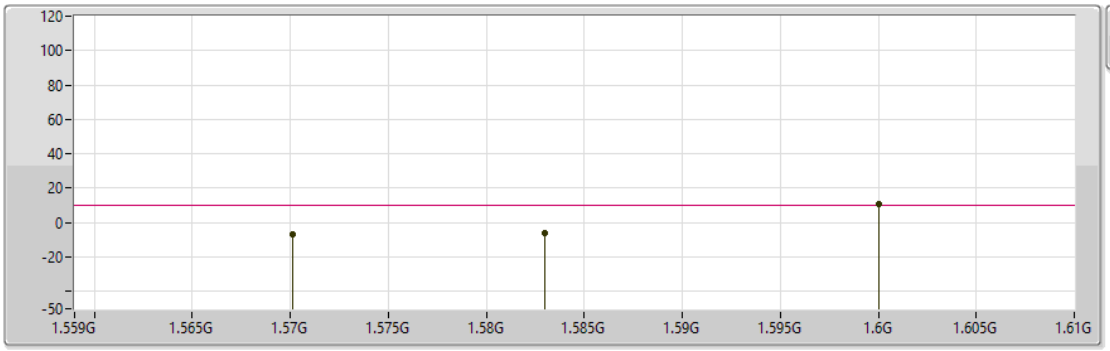


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	1.18819G	0.91	10.00	-9.09	-30.95	3	Horizontal	314	1.68	31.86	26.02	3.13	50.56
AV	1.20001G	7.84	10.00	-2.16	-31.15	3	Horizontal	287	1.49	38.99	25.80	3.15	50.56
AV	1.20756G	0.90	10.00	-9.10	-31.14	3	Horizontal	326	1.07	32.04	25.80	3.16	50.56

Ultra Wide Band_Nss1_1TX(Port1)

25/04/2024

7987.2MHz_TX

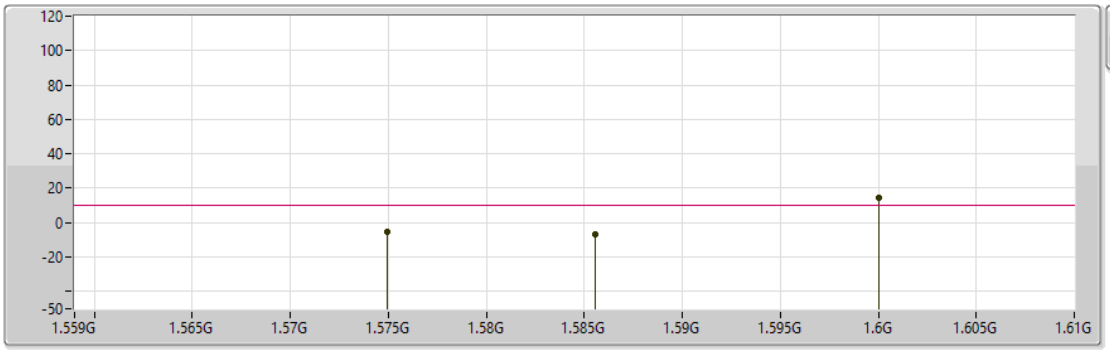


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	1.57013G	-7.13	10.00	-17.13	-31.30	3	Vertical	16	2.27	24.17	25.30	3.63	50.69
AV	1.58296G	-6.35	10.00	-16.35	-31.18	3	Vertical	357	1.16	24.83	25.40	3.65	50.69
AV	1.60002G	10.46	-	-	-31.27	3	Vertical	334	1.49	41.73	25.30	3.67	50.70

Ultra Wide Band_Nss1_1TX(Port1)

25/04/2024

7987.2MHz_TX

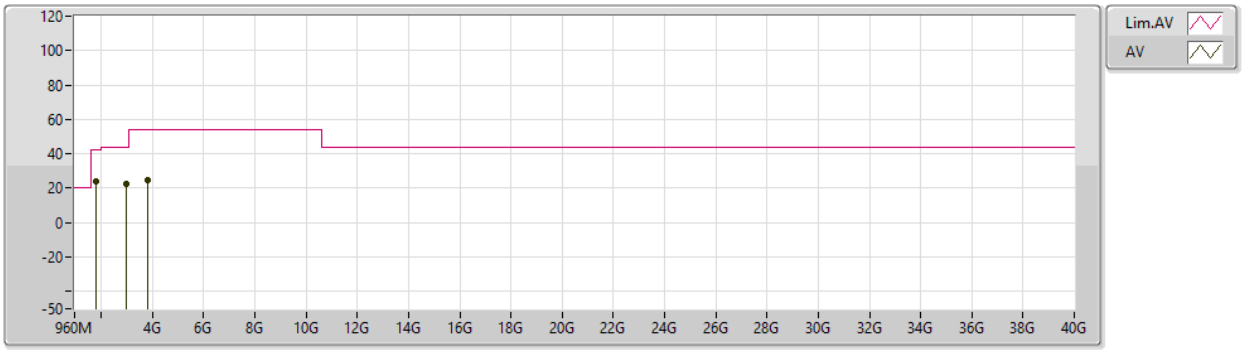


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	1.57492G	-5.51	10.00	-15.51	-31.24	3	Horizontal	360	1.62	25.73	25.35	3.64	50.69
AV	1.58559G	-6.76	10.00	-16.76	-31.19	3	Horizontal	70	1.49	24.43	25.40	3.65	50.70
AV	1.60002G	14.15	-	-	-31.27	3	Horizontal	318	1.49	45.42	25.30	3.67	50.70

Ultra Wide Band_Nss1_1TX(Port2)

25/04/2024

7987.2MHz_TX

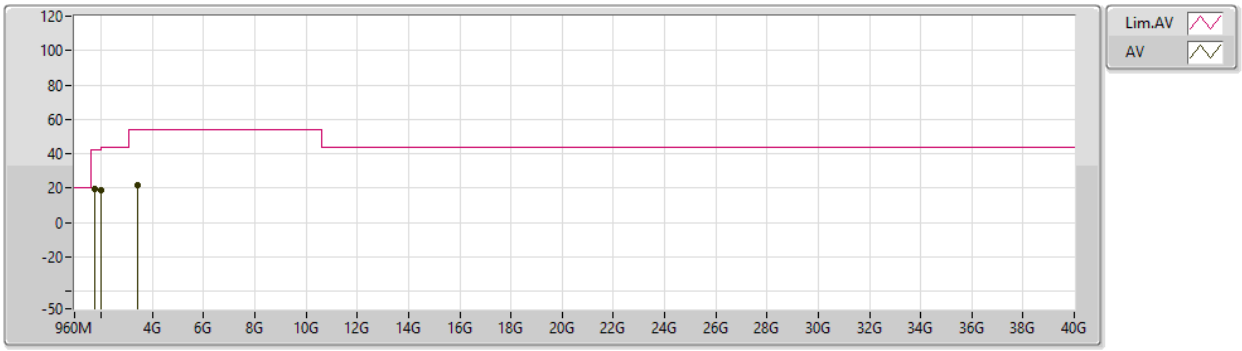


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	1.79968G	23.67	42.00	-18.33	-31.42	3	Vertical	0	3.00	55.09	25.00	3.88	50.76
AV	2.99981G	22.83	44.00	-21.17	-25.34	3	Vertical	0	3.00	48.17	29.50	5.17	50.47
AV	3.7999G	24.57	54.00	-29.43	-23.59	3	Vertical	0	3.00	48.16	30.30	5.86	50.21

Ultra Wide Band_Nss1_1TX(Port2)

25/04/2024

7987.2MHz_TX

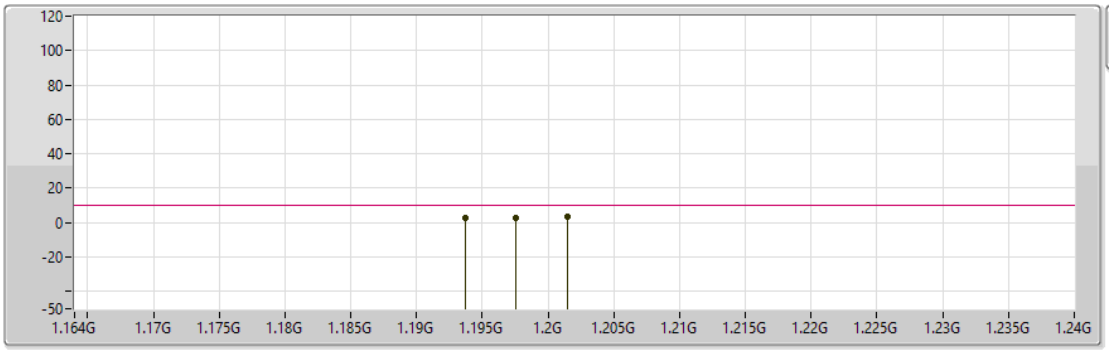


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	1.73366G	19.39	42.00	-22.61	-31.63	3	Horizontal	360	3.00	51.02	24.84	3.81	50.74
AV	2.00019G	18.74	44.00	-25.26	-29.63	3	Horizontal	360	3.00	48.37	26.60	4.13	50.82
AV	3.39986G	22.16	54.00	-31.84	-24.87	3	Horizontal	360	3.00	47.03	29.50	5.56	50.39

Ultra Wide Band_Nss1_1TX(Port2)

25/04/2024

7987.2MHz_TX

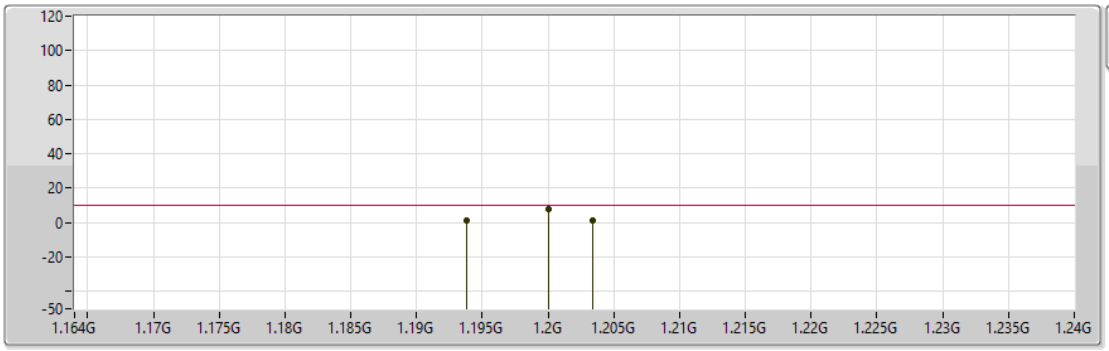


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	1.19373G	3.10	10.00	-6.90	-31.03	3	Vertical	359	1.92	34.13	25.93	3.14	50.56
AV	1.19758G	2.58	10.00	-7.42	-31.10	3	Vertical	0	1.49	33.68	25.85	3.15	50.56
AV	1.20146G	3.54	10.00	-6.46	-31.15	3	Vertical	3	1.85	34.69	25.80	3.15	50.56

Ultra Wide Band_Nss1_1TX(Port2)

25/04/2024

7987.2MHz_TX

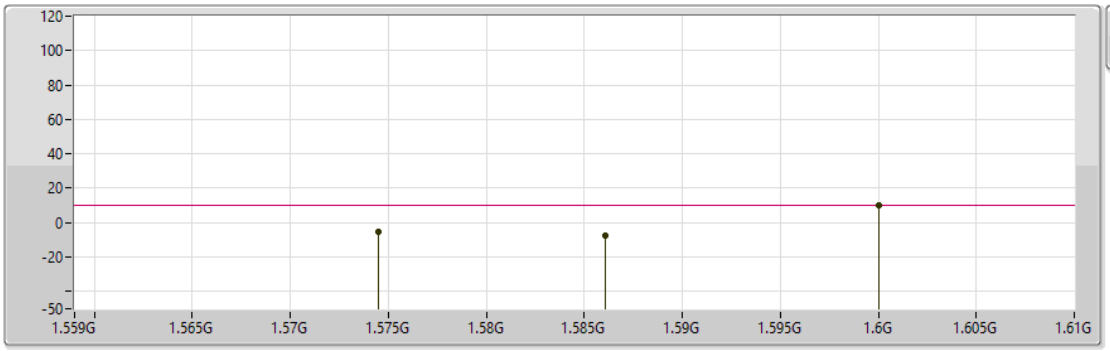


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	1.19378G	1.27	10.00	-8.73	-31.04	3	Horizontal	308	1.69	32.31	25.92	3.14	50.56
AV	1.20001G	8.24	10.00	-1.76	-31.15	3	Horizontal	358	1.48	39.39	25.80	3.15	50.56
AV	1.20342G	1.40	10.00	-8.60	-31.15	3	Horizontal	360	2.18	32.55	25.80	3.15	50.56

Ultra Wide Band_Nss1_1TX(Port2)

25/04/2024

7987.2MHz_TX

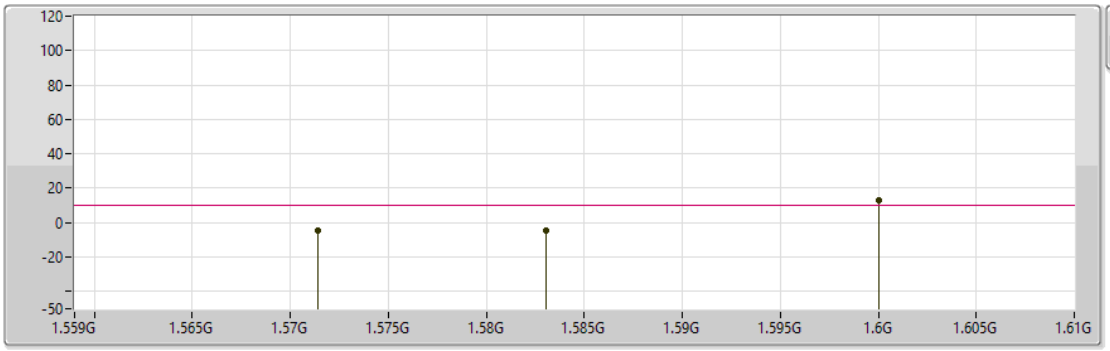


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	1.57451G	-5.39	10.00	-15.39	-31.24	3	Vertical	231	2.15	25.85	25.35	3.64	50.69
AV	1.58605G	-7.70	10.00	-17.70	-31.19	3	Vertical	59	1.15	23.49	25.40	3.65	50.70
AV	1.60002G	9.91	-	-	-31.27	3	Vertical	331	1.48	41.18	25.30	3.67	50.70

Ultra Wide Band_Nss1_1TX(Port2)

25/04/2024

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	1.57139G	-4.53	10.00	-14.53	-31.29	3	Horizontal	68	1.87	26.76	25.31	3.63	50.69
AV	1.58307G	-4.69	10.00	-14.69	-31.18	3	Horizontal	66	1.78	26.49	25.40	3.65	50.69
AV	1.60002G	12.69	-	-	-31.27	3	Horizontal	311	1.49	43.96	25.30	3.67	50.70

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	800.04M	40.45	46.00	-5.55	3	Horizontal	0	3.00
Ultra Wide Band_Nss1_1TX(Port2)	Pass	PK	800.04M	40.03	46.00	-5.97	3	Horizontal	360	3.00

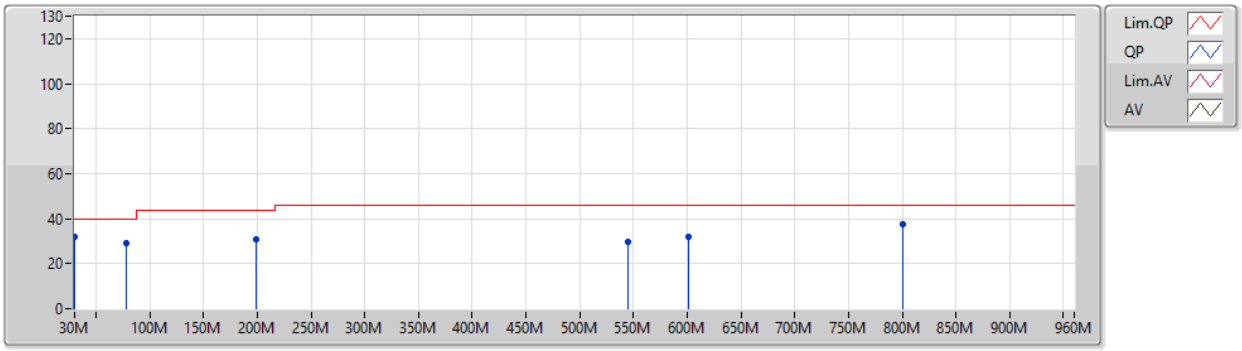
Result

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	PK	30M	31.93	40.00	-8.07	3	Vertical	360	3.00
7987.2MHz	Pass	PK	78.36M	28.89	40.00	-11.11	3	Vertical	360	3.00
7987.2MHz	Pass	PK	199.26M	30.87	43.50	-12.63	3	Vertical	360	3.00
7987.2MHz	Pass	PK	545.22M	29.42	46.00	-16.58	3	Vertical	360	3.00
7987.2MHz	Pass	PK	601.02M	32.18	46.00	-13.82	3	Vertical	360	3.00
7987.2MHz	Pass	PK	800.04M	37.76	46.00	-8.24	3	Vertical	360	3.00
7987.2MHz	Pass	PK	89.52M	27.16	43.50	-16.34	3	Horizontal	0	3.00
7987.2MHz	Pass	PK	165.78M	26.35	43.50	-17.15	3	Horizontal	0	3.00
7987.2MHz	Pass	PK	199.26M	34.17	43.50	-9.33	3	Horizontal	0	3.00
7987.2MHz	Pass	PK	515.46M	34.75	46.00	-11.25	3	Horizontal	0	3.00
7987.2MHz	Pass	PK	601.02M	33.92	46.00	-12.08	3	Horizontal	0	3.00
7987.2MHz	Pass	PK	800.04M	40.45	46.00	-5.55	3	Horizontal	0	3.00
Ultra Wide Band_Nss1_1TX(Port2)	-	-	-	-	-	-	-	-	-	-
7987.2MHz	Pass	PK	41.16M	29.61	40.00	-10.39	3	Vertical	0	3.00
7987.2MHz	Pass	PK	78.36M	28.81	40.00	-11.19	3	Vertical	0	3.00
7987.2MHz	Pass	PK	199.26M	30.84	43.50	-12.66	3	Vertical	0	3.00
7987.2MHz	Pass	PK	545.22M	29.02	46.00	-16.98	3	Vertical	0	3.00
7987.2MHz	Pass	PK	601.02M	31.76	46.00	-14.24	3	Vertical	0	3.00
7987.2MHz	Pass	PK	800.04M	38.35	46.00	-7.65	3	Vertical	0	3.00
7987.2MHz	Pass	PK	78.36M	25.99	40.00	-14.01	3	Horizontal	360	3.00
7987.2MHz	Pass	PK	126.72M	24.61	43.50	-18.89	3	Horizontal	360	3.00
7987.2MHz	Pass	PK	199.26M	29.19	43.50	-14.31	3	Horizontal	360	3.00
7987.2MHz	Pass	PK	528.48M	29.03	46.00	-16.97	3	Horizontal	360	3.00
7987.2MHz	Pass	PK	601.02M	33.24	46.00	-12.76	3	Horizontal	360	3.00
7987.2MHz	Pass	PK	800.04M	40.03	46.00	-5.97	3	Horizontal	360	3.00

Ultra Wide Band_Nss1_1TX(Port1)

26/04/2024

7987.2MHz_PoE

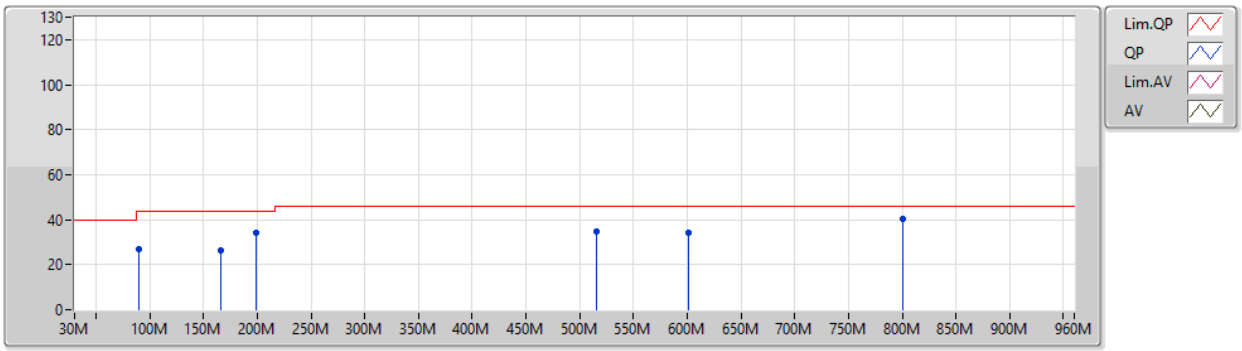


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
PK	30M	31.93	40.00	-8.07	-2.68	3	Vertical	360	3.00	34.61	23.49	1.23	27.40
PK	78.36M	28.89	40.00	-11.11	-14.14	3	Vertical	360	3.00	43.03	11.86	1.76	27.76
PK	199.26M	30.87	43.50	-12.63	-10.13	3	Vertical	360	3.00	41.00	14.41	2.94	27.48
PK	545.22M	29.42	46.00	-16.58	1.16	3	Vertical	360	3.00	28.26	24.72	5.11	28.67
PK	601.02M	32.18	46.00	-13.82	1.34	3	Vertical	360	3.00	30.84	24.03	5.80	28.49
PK	800.04M	37.76	46.00	-8.24	3.44	3	Vertical	360	3.00	34.32	25.31	6.46	28.33

Ultra Wide Band_Nss1_1TX(Port1)

26/04/2024

7987.2MHz_PoE

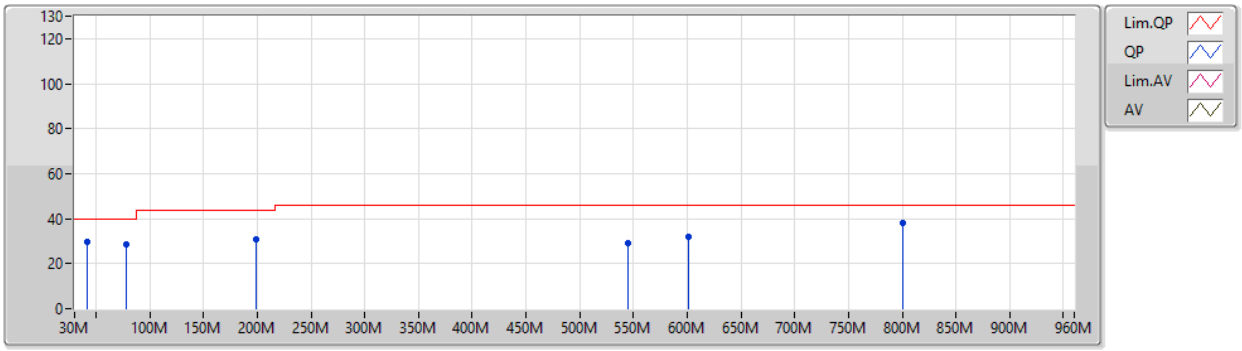


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
PK	89.52M	27.16	43.50	-16.34	-11.77	3	Horizontal	0	3.00	38.93	14.19	1.87	27.83
PK	165.78M	26.35	43.50	-17.15	-10.12	3	Horizontal	0	3.00	36.47	14.92	2.61	27.65
PK	199.26M	34.17	43.50	-9.33	-10.13	3	Horizontal	0	3.00	44.30	14.41	2.94	27.48
PK	515.46M	34.75	46.00	-11.25	-0.45	3	Horizontal	0	3.00	35.20	23.09	4.96	28.50
PK	601.02M	33.92	46.00	-12.08	1.34	3	Horizontal	0	3.00	32.58	24.03	5.80	28.49
PK	800.04M	40.45	46.00	-5.55	3.44	3	Horizontal	0	3.00	37.01	25.31	6.46	28.33

Ultra Wide Band_Nss1_1TX(Port2)

26/04/2024

7987.2MHz_PoE

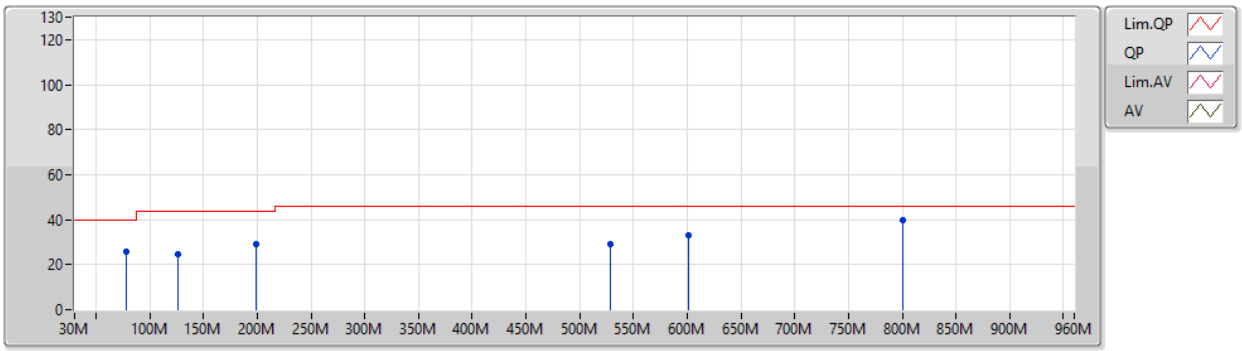


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
PK	41.16M	29.61	40.00	-10.39	-7.79	3	Vertical	0	3.00	37.40	17.49	1.40	26.68
PK	78.36M	28.81	40.00	-11.19	-14.14	3	Vertical	0	3.00	42.95	11.86	1.76	27.76
PK	199.26M	30.84	43.50	-12.66	-10.13	3	Vertical	0	3.00	40.97	14.41	2.94	27.48
PK	545.22M	29.02	46.00	-16.98	1.16	3	Vertical	0	3.00	27.86	24.72	5.11	28.67
PK	601.02M	31.76	46.00	-14.24	1.34	3	Vertical	0	3.00	30.42	24.03	5.80	28.49
PK	800.04M	38.35	46.00	-7.65	3.44	3	Vertical	0	3.00	34.91	25.31	6.46	28.33

Ultra Wide Band_Nss1_1TX(Port2)

26/04/2024

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	78.36M	25.99	40.00	-14.01	-14.14	3	Horizontal	360	3.00	40.13	11.86	1.76	27.76
PK	126.72M	24.61	43.50	-18.89	-8.08	3	Horizontal	360	3.00	32.69	17.43	2.29	27.80
PK	199.26M	29.19	43.50	-14.31	-10.13	3	Horizontal	360	3.00	39.32	14.41	2.94	27.48
PK	528.48M	29.03	46.00	-16.97	-0.17	3	Horizontal	360	3.00	29.20	23.39	5.02	28.58
PK	601.02M	33.24	46.00	-12.76	1.34	3	Horizontal	360	3.00	31.90	24.03	5.80	28.49
PK	800.04M	40.03	46.00	-5.97	3.44	3	Horizontal	360	3.00	36.59	25.31	6.46	28.33

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	1.60002G	9.58	10.00	-	3	Vertical	359	1.49
Ultra Wide Band_Nss1_1TX(Port2)	Pass	AV	1.60003G	9.07	-	-	3	Vertical	336	1.49

Result

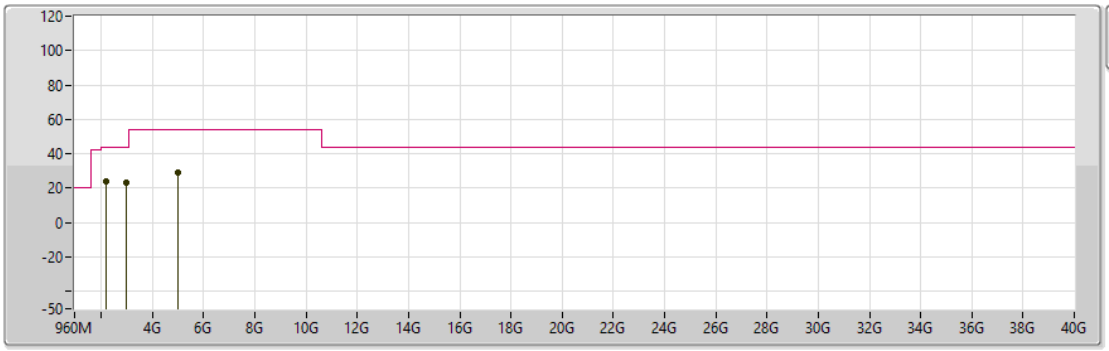
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
Ultra Wide Band_Nss1_1TX(Port1)	-	-	-	-	-	-	-	-	-	-
7987.2MHz	Pass	AV	2.19972G	24.27	44.00	-19.73	3	Vertical	0	3.00
7987.2MHz	Pass	AV	3.00031G	23.09	44.00	-20.91	3	Vertical	0	3.00
7987.2MHz	Pass	AV	5.00004G	28.89	54.00	-25.11	3	Vertical	0	3.00
7987.2MHz	Pass	AV	1.99527G	19.49	44.00	-24.51	3	Horizontal	360	3.00
7987.2MHz	Pass	AV	2.45788G	23.19	44.00	-20.81	3	Horizontal	360	3.00
7987.2MHz	Pass	AV	3.42646G	22.43	54.00	-31.57	3	Horizontal	360	3.00
7987.2MHz	Pass	AV	1.16683G	6.36	10.00	-3.64	3	Vertical	360	3.00
7987.2MHz	Pass	AV	1.19745G	5.29	10.00	-4.71	3	Vertical	360	3.00
7987.2MHz	Pass	AV	1.22075G	1.66	10.00	-8.34	3	Vertical	360	3.00
7987.2MHz	Pass	AV	1.17328G	4.51	10.00	-5.49	3	Horizontal	0	3.00
7987.2MHz	Pass	AV	1.20002G	5.41	10.00	-4.59	3	Horizontal	0	3.00
7987.2MHz	Pass	AV	1.2289G	1.74	10.00	-8.26	3	Horizontal	0	3.00
7987.2MHz	Pass	AV	1.56424G	0.97	10.00	-9.03	3	Vertical	0	3.00
7987.2MHz	Pass	AV	1.5809G	0.60	10.00	-9.40	3	Vertical	0	3.00
7987.2MHz	Pass	AV	1.60002G	9.58	10.00	-	3	Vertical	359	1.49
7987.2MHz	Pass	AV	1.56162G	0.18	10.00	-9.82	3	Horizontal	360	3.00
7987.2MHz	Pass	AV	1.5807G	0.99	10.00	-9.01	3	Horizontal	360	3.00
7987.2MHz	Pass	AV	1.60002G	10.33	-	-	3	Horizontal	314	1.76
Ultra Wide Band_Nss1_1TX(Port2)	-	-	-	-	-	-	-	-	-	-
7987.2MHz	Pass	AV	2.19972G	21.40	44.00	-22.60	3	Vertical	0	3.00
7987.2MHz	Pass	AV	2.99981G	23.49	44.00	-20.51	3	Vertical	0	3.00
7987.2MHz	Pass	AV	4.75272G	24.45	54.00	-29.55	3	Vertical	0	3.00
7987.2MHz	Pass	AV	2.0534G	18.99	44.00	-25.01	3	Horizontal	360	3.00
7987.2MHz	Pass	AV	2.85349G	20.17	44.00	-23.83	3	Horizontal	360	3.00
7987.2MHz	Pass	AV	3.8004G	23.57	54.00	-30.43	3	Horizontal	360	3.00
7987.2MHz	Pass	AV	1.19205G	1.38	10.00	-8.62	3	Vertical	13	1.78
7987.2MHz	Pass	AV	1.19679G	4.68	10.00	-5.32	3	Vertical	360	1.79
7987.2MHz	Pass	AV	1.19972G	2.59	10.00	-7.41	3	Vertical	321	1.89
7987.2MHz	Pass	AV	1.18613G	1.51	10.00	-8.49	3	Horizontal	261	1.49
7987.2MHz	Pass	AV	1.19646G	-2.01	10.00	-12.01	3	Horizontal	176	1.49
7987.2MHz	Pass	AV	1.20943G	-3.54	10.00	-13.54	3	Horizontal	5	1.49
7987.2MHz	Pass	AV	1.57288G	-6.24	10.00	-16.24	3	Vertical	17	1.61
7987.2MHz	Pass	AV	1.58526G	-8.12	10.00	-18.12	3	Vertical	154	1.43
7987.2MHz	Pass	AV	1.60003G	9.07	-	-	3	Vertical	336	1.49
7987.2MHz	Pass	AV	1.57574G	-9.40	10.00	-19.40	3	Horizontal	0	1.50
7987.2MHz	Pass	AV	1.59491G	-7.38	10.00	-17.38	3	Horizontal	64	1.37
7987.2MHz	Pass	AV	1.60002G	13.06	-	-	3	Horizontal	310	1.49

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

Ultra Wide Band_Nss1_1TX(Port1)

10/05/2024

7987.2MHz_TX

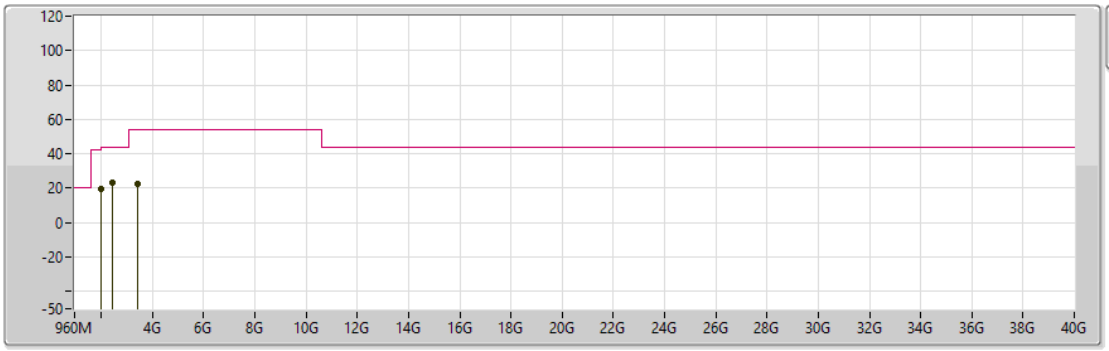


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.19972G	24.27	44.00	-19.73	-28.74	3	Vertical	0	3.00	53.01	27.10	4.33	50.63
AV	3.00031G	23.09	44.00	-20.91	-25.34	3	Vertical	0	3.00	48.43	29.50	5.17	50.47
AV	5.00004G	28.89	54.00	-25.11	-20.05	3	Vertical	0	3.00	48.94	33.10	6.72	50.33

Ultra Wide Band_Nss1_1TX(Port1)

10/05/2024

7987.2MHz_TX

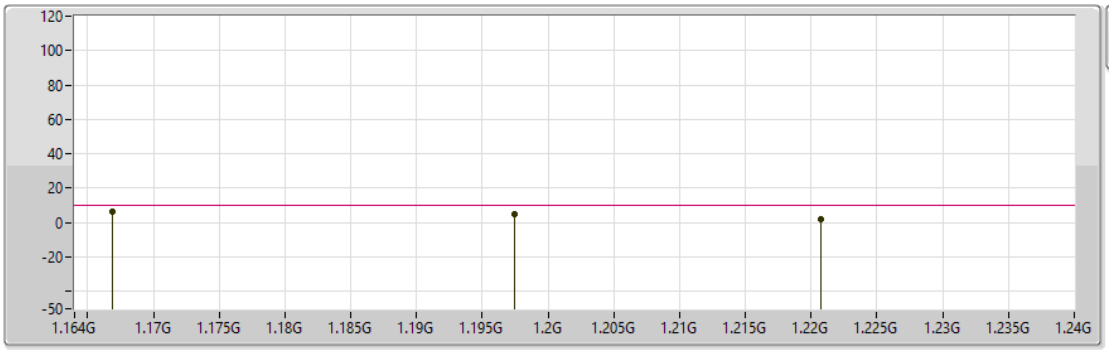


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	1.99527G	19.49	44.00	-24.51	-29.59	3	Horizontal	360	3.00	49.08	26.65	4.12	50.82
AV	2.45788G	23.19	44.00	-20.81	-27.91	3	Horizontal	360	3.00	51.10	27.40	4.61	50.38
AV	3.42646G	22.43	54.00	-31.57	-24.95	3	Horizontal	360	3.00	47.38	29.39	5.58	50.38

Ultra Wide Band_Nss1_1TX(Port1)

10/05/2024

7987.2MHz_TX

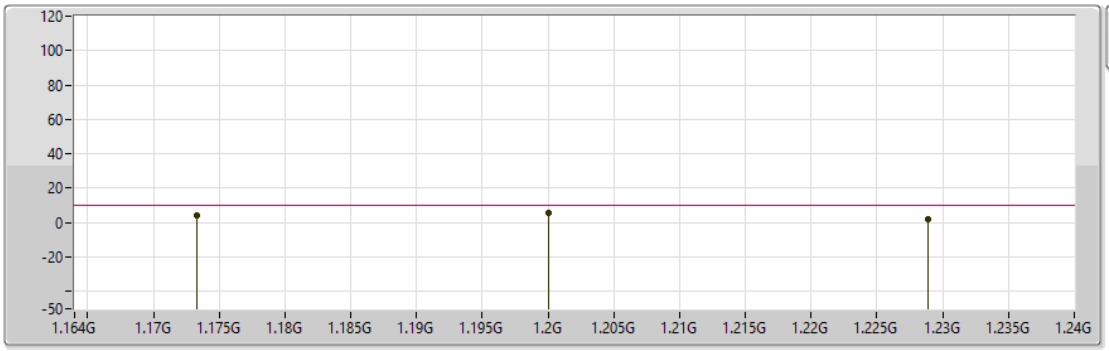


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	1.16683G	6.36	10.00	-3.64	-30.79	3	Vertical	360	3.00	37.15	26.20	3.10	50.55
AV	1.19745G	5.29	10.00	-4.71	-31.10	3	Vertical	360	3.00	36.39	25.85	3.15	50.56
AV	1.22075G	1.66	10.00	-8.34	-31.14	3	Vertical	360	3.00	32.80	25.79	3.18	50.57

Ultra Wide Band_Nss1_1TX(Port1)

10/05/2024

7987.2MHz_TX

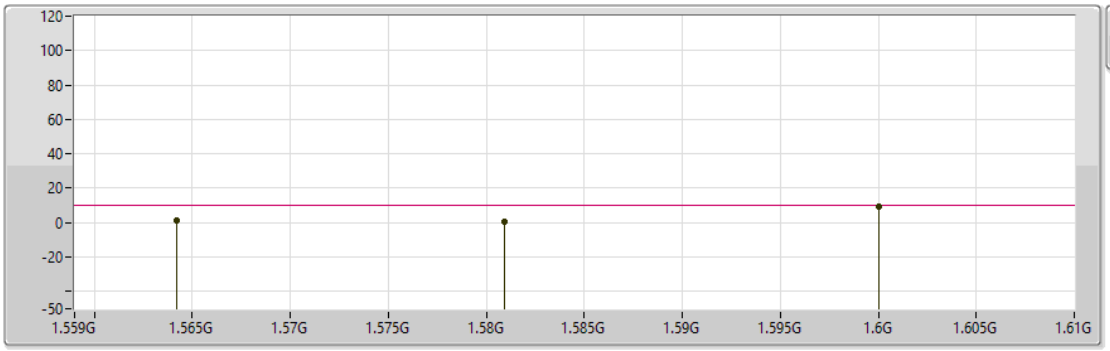


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	1.17328G	4.51	10.00	-5.49	-30.81	3	Horizontal	0	3.00	35.32	26.17	3.11	50.55
AV	1.20002G	5.41	10.00	-4.59	-31.15	3	Horizontal	0	3.00	36.56	25.80	3.15	50.56
AV	1.2289G	1.74	10.00	-8.26	-31.21	3	Horizontal	0	3.00	32.95	25.71	3.19	50.57

Ultra Wide Band_Nss1_1TX(Port1)

10/05/2024

7987.2MHz_TX

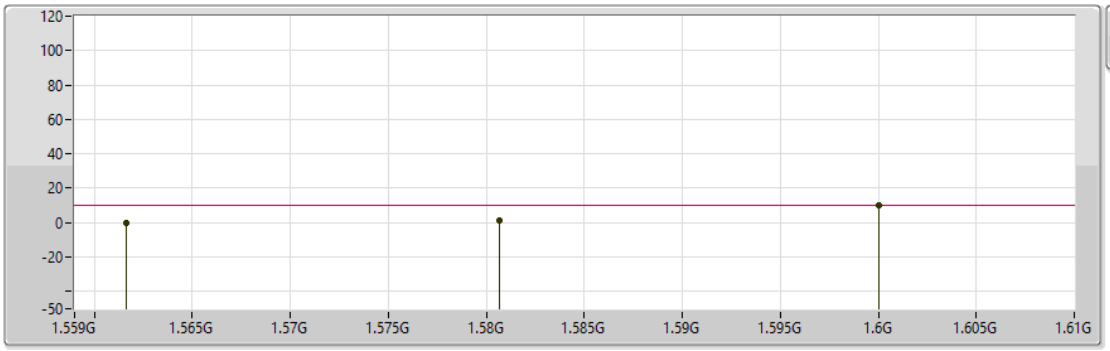


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	1.56424G	0.97	10.00	-9.03	-31.31	3	Vertical	0	3.00	32.28	25.30	3.62	50.69
AV	1.5809G	0.60	10.00	-9.40	-31.18	3	Vertical	0	3.00	31.78	25.40	3.65	50.69
AV	1.60002G	9.58	10.00	-	-31.27	3	Vertical	359	1.49	40.85	25.30	3.67	50.70

Ultra Wide Band_Nss1_1TX(Port1)

10/05/2024

7987.2MHz_TX

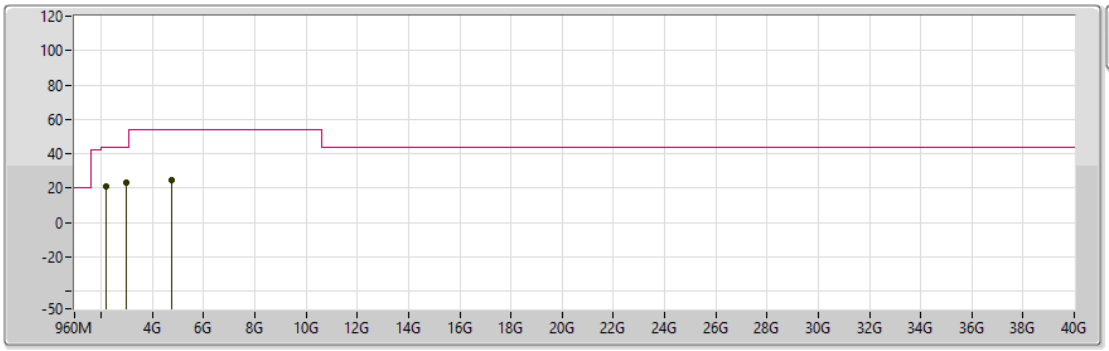


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	1.56162G	0.18	10.00	-9.82	-31.31	3	Horizontal	360	3.00	31.49	25.30	3.62	50.69
AV	1.5807G	0.99	10.00	-9.01	-31.19	3	Horizontal	360	3.00	32.18	25.40	3.64	50.69
AV	1.60002G	10.33	-	-	-31.27	3	Horizontal	314	1.76	41.60	25.30	3.67	50.70

Ultra Wide Band_Nss1_1TX(Port2)

26/04/2024

7987.2MHz_TX

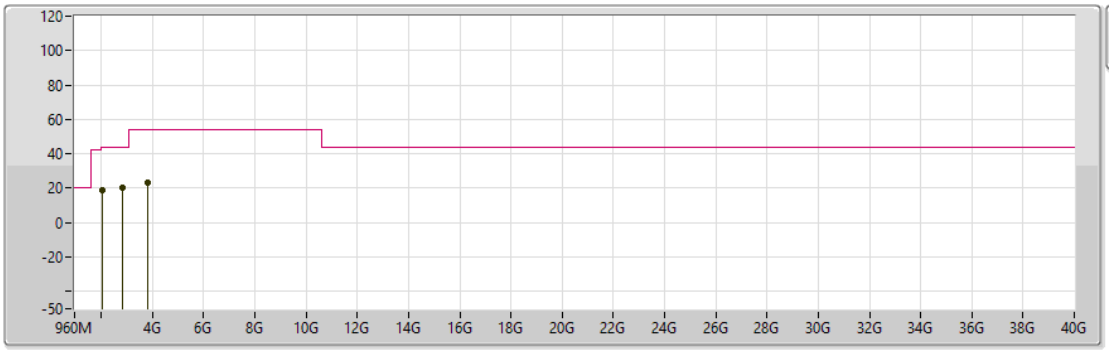


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.19972G	21.40	44.00	-22.60	-28.74	3	Vertical	0	3.00	50.14	27.10	4.33	50.63
AV	2.99981G	23.49	44.00	-20.51	-25.34	3	Vertical	0	3.00	48.83	29.50	5.17	50.47
AV	4.75272G	24.45	54.00	-29.55	-21.54	3	Vertical	0	3.00	45.99	31.92	6.48	50.40

Ultra Wide Band_Nss1_1TX(Port2)

26/04/2024

7987.2MHz_TX

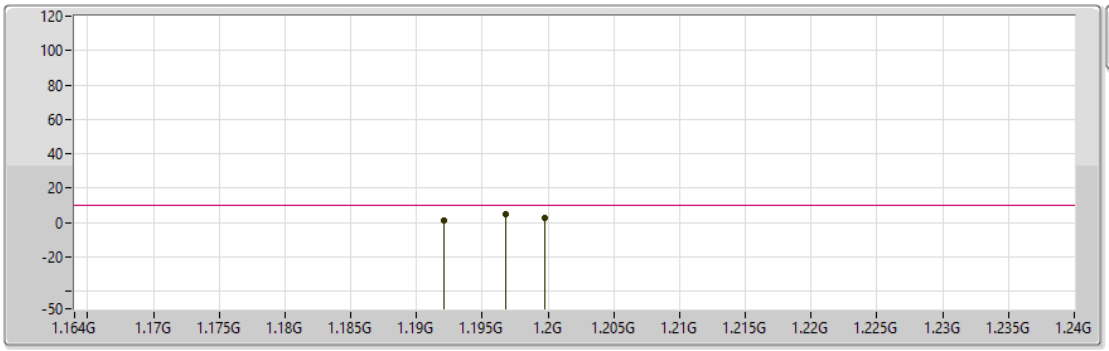


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.0534G	18.99	44.00	-25.01	-29.13	3	Horizontal	360	3.00	48.12	27.00	4.18	50.77
AV	2.85349G	20.17	44.00	-23.83	-26.44	3	Horizontal	360	3.00	46.61	28.50	5.03	50.43
AV	3.8004G	23.57	54.00	-30.43	-23.59	3	Horizontal	360	3.00	47.16	30.30	5.86	50.21

Ultra Wide Band_Nss1_1TX(Port2)

26/04/2024

7987.2MHz_TX

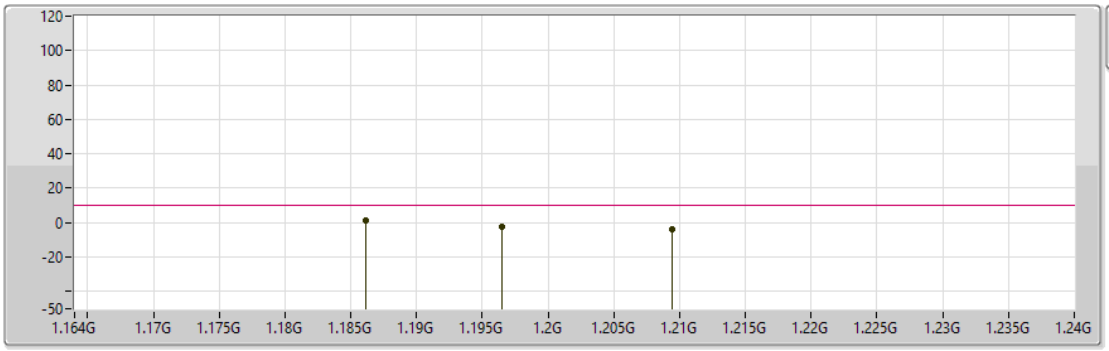


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	1.19205G	1.38	10.00	-8.62	-31.00	3	Vertical	13	1.78	32.38	25.96	3.14	50.56
AV	1.19679G	4.68	10.00	-5.32	-31.09	3	Vertical	360	1.79	35.77	25.86	3.15	50.56
AV	1.19972G	2.59	10.00	-7.41	-31.14	3	Vertical	321	1.89	33.73	25.81	3.15	50.56

Ultra Wide Band_Nss1_1TX(Port2)

26/04/2024

7987.2MHz_TX

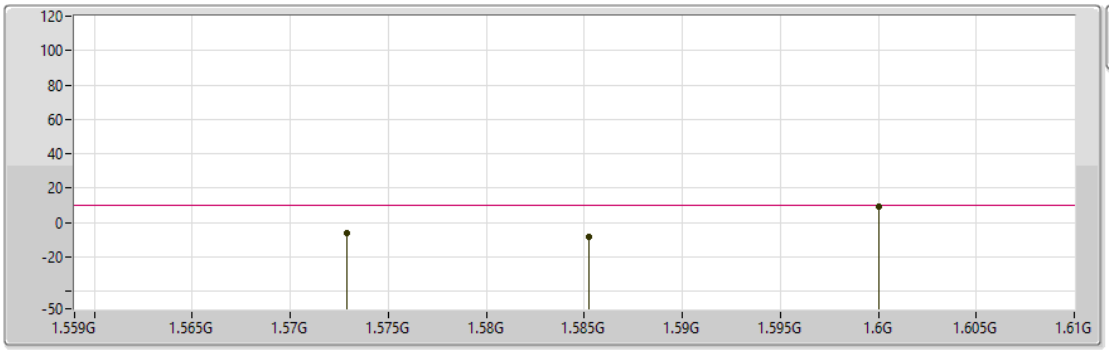


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	1.18613G	1.51	10.00	-8.49	-30.93	3	Horizontal	261	1.49	32.44	26.04	3.13	50.56
AV	1.19646G	-2.01	10.00	-12.01	-31.08	3	Horizontal	176	1.49	29.07	25.87	3.15	50.56
AV	1.20943G	-3.54	10.00	-13.54	-31.15	3	Horizontal	5	1.49	27.61	25.80	3.16	50.57

Ultra Wide Band_Nss1_1TX(Port2)

26/04/2024

7987.2MHz_TX

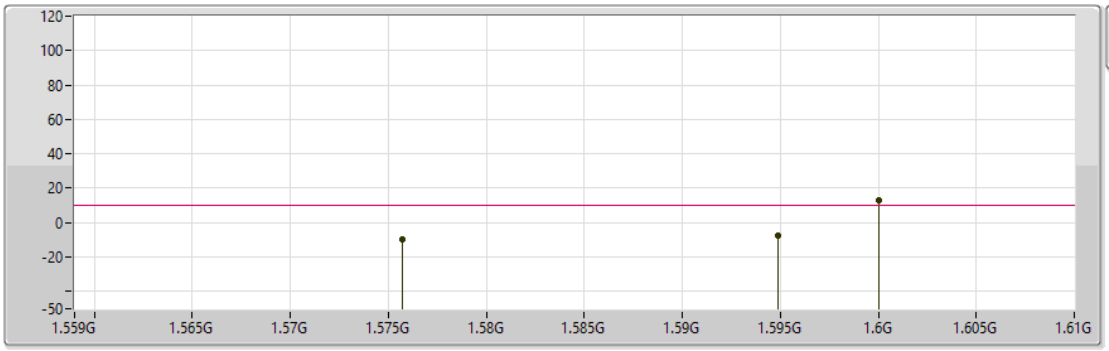


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	1.57288G	-6.24	10.00	-16.24	-31.27	3	Vertical	17	1.61	25.03	25.33	3.63	50.69
AV	1.58526G	-8.12	10.00	-18.12	-31.19	3	Vertical	154	1.43	23.07	25.40	3.65	50.70
AV	1.60003G	9.07	-	-	-31.27	3	Vertical	336	1.49	40.34	25.30	3.67	50.70

Ultra Wide Band_Nss1_1TX(Port2)

26/04/2024

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	1.57574G	-9.40	10.00	-19.40	-31.23	3	Horizontal	0	1.50	21.83	25.36	3.64	50.69
AV	1.59491G	-7.38	10.00	-17.38	-31.23	3	Horizontal	64	1.37	23.85	25.35	3.66	50.70
AV	1.60002G	13.06	-	-	-31.27	3	Horizontal	310	1.49	44.33	25.30	3.67	50.70

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	800.04M	40.67	46.00	-5.33	3	Horizontal	0	3.00
Ultra Wide Band_Nss1_1TX(Port2)	Pass	PK	800.04M	40.43	46.00	-5.57	3	Horizontal	360	3.00

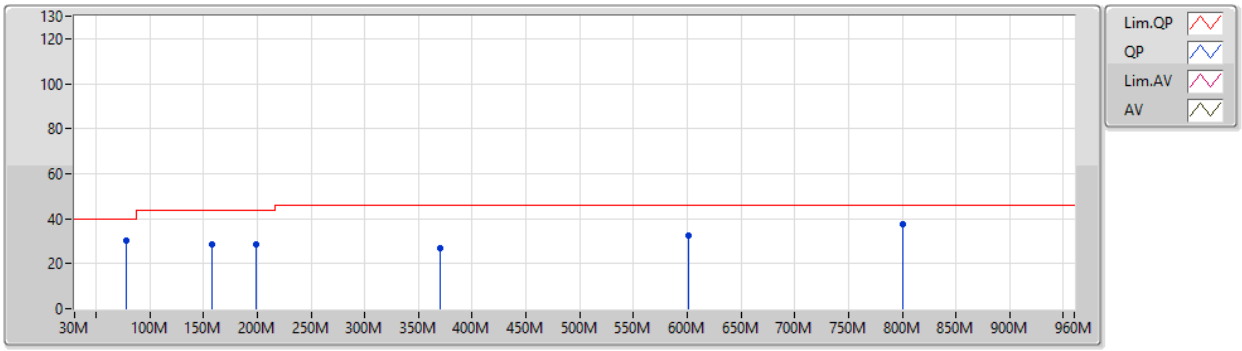
Result

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	PK	78.36M	30.30	40.00	-9.70	3	Vertical	360	3.00
7987.2MHz	Pass	PK	158.34M	28.38	43.50	-15.12	3	Vertical	360	3.00
7987.2MHz	Pass	PK	199.26M	28.58	43.50	-14.92	3	Vertical	360	3.00
7987.2MHz	Pass	PK	370.38M	26.79	46.00	-19.21	3	Vertical	360	3.00
7987.2MHz	Pass	PK	601.02M	32.22	46.00	-13.78	3	Vertical	360	3.00
7987.2MHz	Pass	PK	800.04M	37.82	46.00	-8.18	3	Vertical	360	3.00
7987.2MHz	Pass	PK	89.52M	26.72	43.50	-16.78	3	Horizontal	0	3.00
7987.2MHz	Pass	PK	165.78M	26.97	43.50	-16.53	3	Horizontal	0	3.00
7987.2MHz	Pass	PK	199.26M	34.24	43.50	-9.26	3	Horizontal	0	3.00
7987.2MHz	Pass	PK	418.74M	27.63	46.00	-18.37	3	Horizontal	0	3.00
7987.2MHz	Pass	PK	601.02M	32.31	46.00	-13.69	3	Horizontal	0	3.00
7987.2MHz	Pass	PK	800.04M	40.67	46.00	-5.33	3	Horizontal	0	3.00
Ultra Wide Band_Nss1_1TX(Port2)	-	-	-	-	-	-	-	-	-	-
7987.2MHz	Pass	PK	30M	31.09	40.00	-8.91	3	Vertical	0	3.00
7987.2MHz	Pass	PK	57.9M	29.84	40.00	-10.16	3	Vertical	0	3.00
7987.2MHz	Pass	PK	158.34M	24.62	43.50	-18.88	3	Vertical	0	3.00
7987.2MHz	Pass	PK	199.26M	31.08	43.50	-12.42	3	Vertical	0	3.00
7987.2MHz	Pass	PK	601.02M	32.15	46.00	-13.85	3	Vertical	0	3.00
7987.2MHz	Pass	PK	800.04M	37.94	46.00	-8.06	3	Vertical	0	3.00
7987.2MHz	Pass	PK	78.36M	26.94	40.00	-13.06	3	Horizontal	360	3.00
7987.2MHz	Pass	PK	126.72M	25.17	43.50	-18.33	3	Horizontal	360	3.00
7987.2MHz	Pass	PK	199.26M	34.05	43.50	-9.45	3	Horizontal	360	3.00
7987.2MHz	Pass	PK	541.5M	28.24	46.00	-17.76	3	Horizontal	360	3.00
7987.2MHz	Pass	PK	601.02M	32.59	46.00	-13.41	3	Horizontal	360	3.00
7987.2MHz	Pass	PK	800.04M	40.43	46.00	-5.57	3	Horizontal	360	3.00

Ultra Wide Band_Nss1_1TX(Port1)

26/04/2024

7987.2MHz_PoE

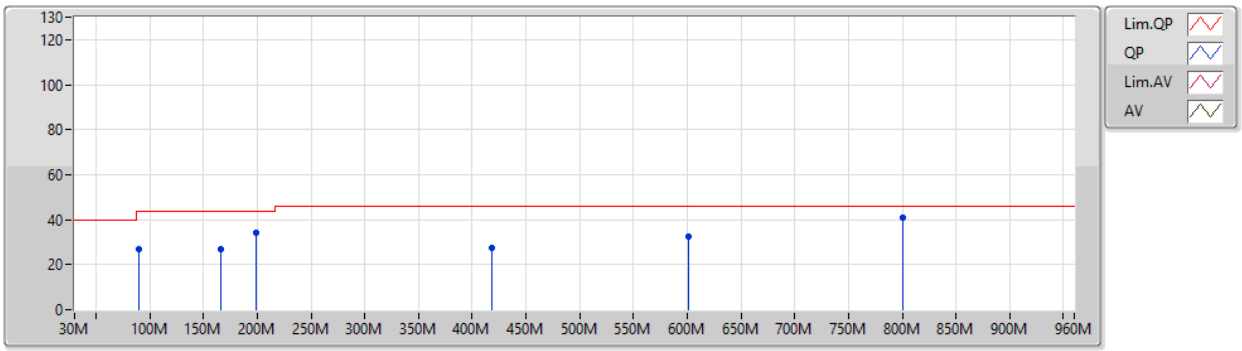


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
PK	78.36M	30.30	40.00	-9.70	-14.14	3	Vertical	360	3.00	44.44	11.86	1.76	27.76
PK	158.34M	28.38	43.50	-15.12	-10.06	3	Vertical	360	3.00	38.44	15.06	2.58	27.70
PK	199.26M	28.58	43.50	-14.92	-10.13	3	Vertical	360	3.00	38.71	14.41	2.94	27.48
PK	370.38M	26.79	46.00	-19.21	-3.69	3	Vertical	360	3.00	30.48	20.02	4.01	27.72
PK	601.02M	32.22	46.00	-13.78	1.34	3	Vertical	360	3.00	30.88	24.03	5.80	28.49
PK	800.04M	37.82	46.00	-8.18	3.44	3	Vertical	360	3.00	34.38	25.31	6.46	28.33

Ultra Wide Band_Nss1_1TX(Port1)

26/04/2024

7987.2MHz_PoE

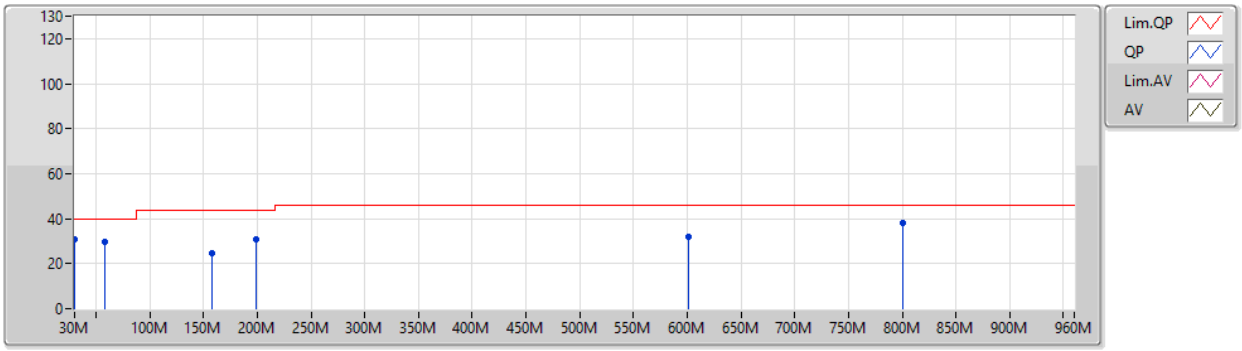


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
PK	89.52M	26.72	43.50	-16.78	-11.77	3	Horizontal	0	3.00	38.49	14.19	1.87	27.83
PK	165.78M	26.97	43.50	-16.53	-10.12	3	Horizontal	0	3.00	37.09	14.92	2.61	27.65
PK	199.26M	34.24	43.50	-9.26	-10.13	3	Horizontal	0	3.00	44.37	14.41	2.94	27.48
PK	418.74M	27.63	46.00	-18.37	-1.87	3	Horizontal	0	3.00	29.50	21.84	4.36	28.07
PK	601.02M	32.31	46.00	-13.69	1.34	3	Horizontal	0	3.00	30.97	24.03	5.80	28.49
PK	800.04M	40.67	46.00	-5.33	3.44	3	Horizontal	0	3.00	37.23	25.31	6.46	28.33

Ultra Wide Band_Nss1_1TX(Port2)

25/04/2024

7987.2MHz_PoE

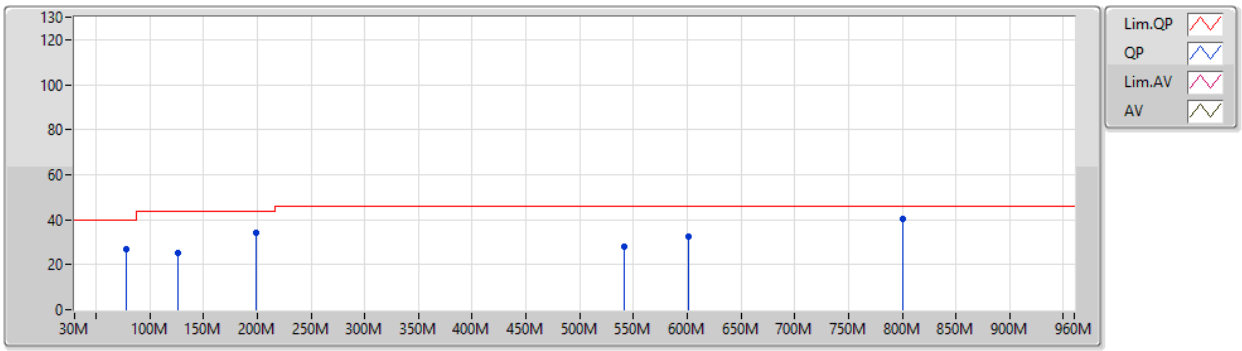


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
PK	30M	31.09	40.00	-8.91	-2.68	3	Vertical	0	3.00	33.77	23.49	1.23	27.40
PK	57.9M	29.84	40.00	-10.16	-13.85	3	Vertical	0	3.00	43.69	11.77	1.67	27.29
PK	158.34M	24.62	43.50	-18.88	-10.06	3	Vertical	0	3.00	34.68	15.06	2.58	27.70
PK	199.26M	31.08	43.50	-12.42	-10.13	3	Vertical	0	3.00	41.21	14.41	2.94	27.48
PK	601.02M	32.15	46.00	-13.85	1.34	3	Vertical	0	3.00	30.81	24.03	5.80	28.49
PK	800.04M	37.94	46.00	-8.06	3.44	3	Vertical	0	3.00	34.50	25.31	6.46	28.33

Ultra Wide Band_Nss1_1TX(Port2)

25/04/2024

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	78.36M	26.94	40.00	-13.06	-14.14	3	Horizontal	360	3.00	41.08	11.86	1.76	27.76
PK	126.72M	25.17	43.50	-18.33	-8.08	3	Horizontal	360	3.00	33.25	17.43	2.29	27.80
PK	199.26M	34.05	43.50	-9.45	-10.13	3	Horizontal	360	3.00	44.18	14.41	2.94	27.48
PK	541.5M	28.24	46.00	-17.76	1.13	3	Horizontal	360	3.00	27.11	24.69	5.09	28.65
PK	601.02M	32.59	46.00	-13.41	1.34	3	Horizontal	360	3.00	31.25	24.03	5.80	28.49
PK	800.04M	40.43	46.00	-5.57	3.44	3	Horizontal	360	3.00	36.99	25.31	6.46	28.33

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	1.60002G	10.10	-	-	3	Vertical	345	1.49
Ultra Wide Band_Nss1_1TX(Port2)	Pass	AV	1.60002G	9.94	-	-	3	Vertical	329	1.48

Result

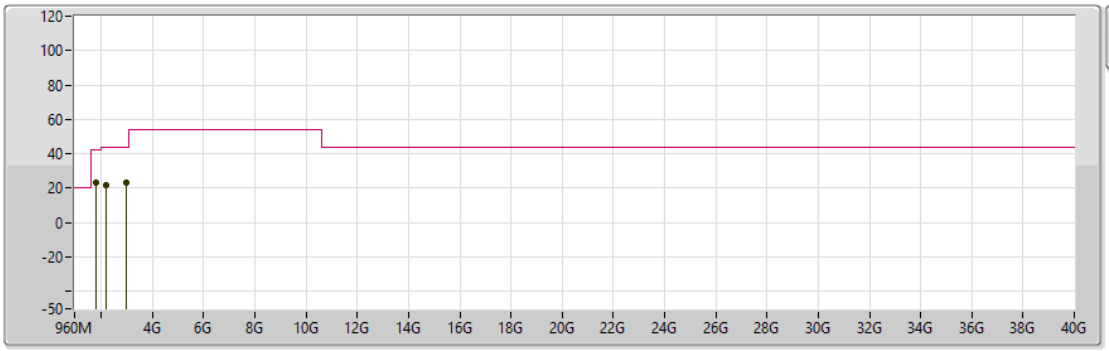
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
Ultra Wide Band_Nss1_1TX(Port1)	-	-	-	-	-	-	-	-	-	-
7987.2MHz	Pass	AV	1.79968G	23.64	42.00	-18.36	3	Vertical	360	3.00
7987.2MHz	Pass	AV	2.19972G	21.91	44.00	-22.09	3	Vertical	360	3.00
7987.2MHz	Pass	AV	3.00031G	23.14	44.00	-20.86	3	Vertical	360	3.00
7987.2MHz	Pass	AV	2.20022G	22.47	44.00	-21.53	3	Horizontal	0	3.00
7987.2MHz	Pass	AV	2.85546G	20.74	44.00	-23.26	3	Horizontal	0	3.00
7987.2MHz	Pass	AV	3.8004G	24.07	54.00	-29.93	3	Horizontal	0	3.00
7987.2MHz	Pass	AV	1.19586G	1.82	10.00	-8.18	3	Vertical	352	1.70
7987.2MHz	Pass	AV	1.19996G	1.28	10.00	-8.72	3	Vertical	312	1.48
7987.2MHz	Pass	AV	1.20566G	0.55	10.00	-9.45	3	Vertical	331	2.10
7987.2MHz	Pass	AV	1.19135G	0.20	10.00	-9.80	3	Horizontal	307	1.49
7987.2MHz	Pass	AV	1.20012G	2.14	10.00	-7.86	3	Horizontal	280	1.64
7987.2MHz	Pass	AV	1.20502G	-2.22	10.00	-12.22	3	Horizontal	70	1.47
7987.2MHz	Pass	AV	1.57498G	-5.99	10.00	-15.99	3	Vertical	78	1.92
7987.2MHz	Pass	AV	1.58783G	-7.21	10.00	-17.21	3	Vertical	15	1.50
7987.2MHz	Pass	AV	1.60002G	10.10	-	-	3	Vertical	345	1.49
7987.2MHz	Pass	AV	1.57387G	-7.92	10.00	-17.92	3	Horizontal	165	1.50
7987.2MHz	Pass	AV	1.5813G	-7.39	10.00	-17.39	3	Horizontal	133	1.49
7987.2MHz	Pass	AV	1.60002G	12.50	-	-	3	Horizontal	309	1.49
Ultra Wide Band_Nss1_1TX(Port2)	-	-	-	-	-	-	-	-	-	-
7987.2MHz	Pass	AV	1.79968G	23.98	42.00	-18.02	3	Vertical	360	3.00
7987.2MHz	Pass	AV	2.19972G	21.45	44.00	-22.55	3	Vertical	360	3.00
7987.2MHz	Pass	AV	2.99981G	22.79	44.00	-21.21	3	Vertical	360	3.00
7987.2MHz	Pass	AV	2.1948G	20.97	44.00	-23.03	3	Horizontal	0	3.00
7987.2MHz	Pass	AV	3.12495G	22.09	54.00	-31.91	3	Horizontal	0	3.00
7987.2MHz	Pass	AV	3.82552G	23.26	54.00	-30.74	3	Horizontal	0	3.00
7987.2MHz	Pass	AV	1.19205G	3.46	10.00	-6.54	3	Vertical	214	1.49
7987.2MHz	Pass	AV	1.20269G	2.51	10.00	-7.49	3	Vertical	360	1.61
7987.2MHz	Pass	AV	1.19884G	6.28	10.00	-3.72	3	Vertical	339	1.87
7987.2MHz	Pass	AV	1.18334G	-0.63	10.00	-10.63	3	Horizontal	357	1.62
7987.2MHz	Pass	AV	1.19998G	5.90	10.00	-4.10	3	Horizontal	0	1.49
7987.2MHz	Pass	AV	1.20266G	2.97	10.00	-7.03	3	Horizontal	0	1.79
7987.2MHz	Pass	AV	1.56914G	-9.15	10.00	-19.15	3	Vertical	88	1.47
7987.2MHz	Pass	AV	1.58736G	-9.40	10.00	-19.40	3	Vertical	31	1.62
7987.2MHz	Pass	AV	1.60002G	9.94	-	-	3	Vertical	329	1.48
7987.2MHz	Pass	AV	1.57576G	-6.44	10.00	-16.44	3	Horizontal	357	1.74
7987.2MHz	Pass	AV	1.58444G	-6.56	10.00	-16.56	3	Horizontal	67	1.50
7987.2MHz	Pass	AV	1.60002G	13.32	-	-	3	Horizontal	306	1.53

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

Ultra Wide Band_Nss1_1TX(Port1)

26/04/2024

7987.2MHz_TX

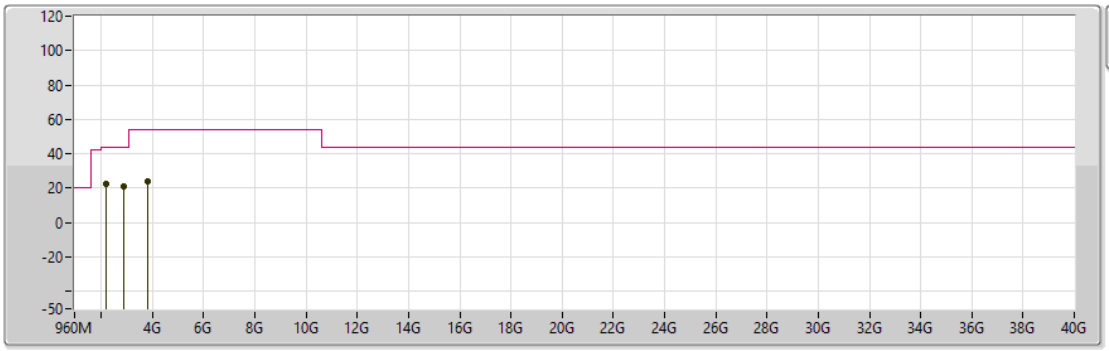


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	1.79968G	23.64	42.00	-18.36	-31.42	3	Vertical	360	3.00	55.06	25.00	3.88	50.76
AV	2.19972G	21.91	44.00	-22.09	-28.74	3	Vertical	360	3.00	50.65	27.10	4.33	50.63
AV	3.00031G	23.14	44.00	-20.86	-25.34	3	Vertical	360	3.00	48.48	29.50	5.17	50.47

Ultra Wide Band_Nss1_1TX(Port1)

26/04/2024

7987.2MHz_TX

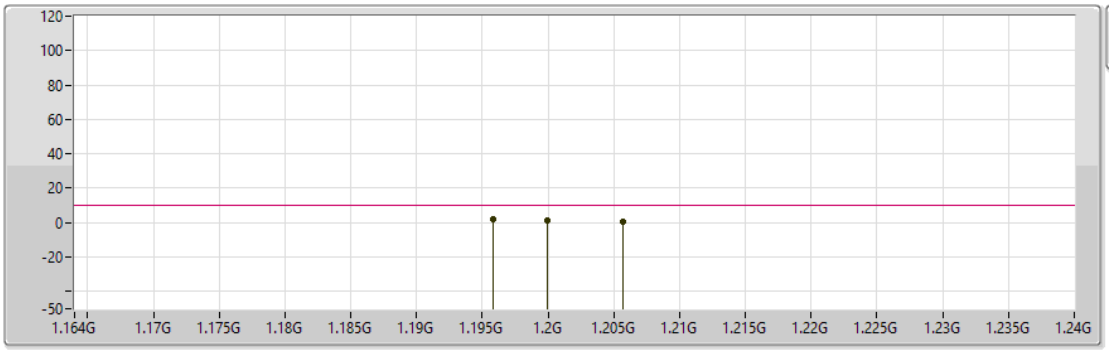


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.20022G	22.47	44.00	-21.53	-28.74	3	Horizontal	0	3.00	51.21	27.10	4.33	50.63
AV	2.85546G	20.74	44.00	-23.26	-26.44	3	Horizontal	0	3.00	47.18	28.50	5.03	50.43
AV	3.8004G	24.07	54.00	-29.93	-23.59	3	Horizontal	0	3.00	47.66	30.30	5.86	50.21

Ultra Wide Band_Nss1_1TX(Port1)

26/04/2024

7987.2MHz_TX

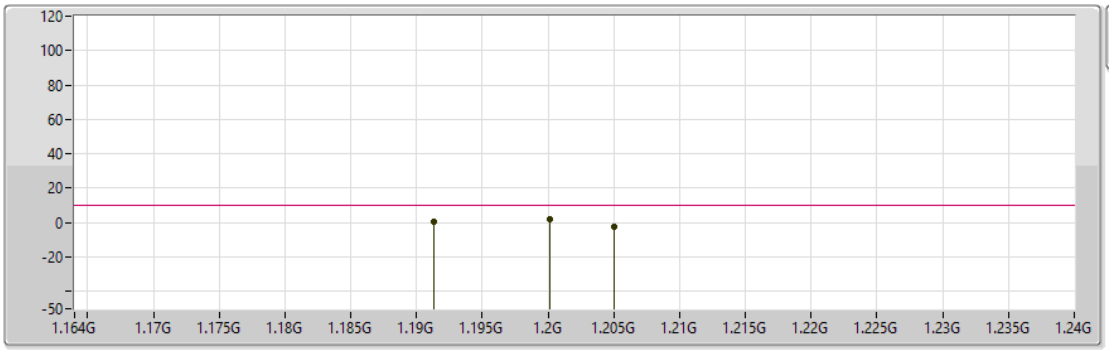


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	1.19586G	1.82	10.00	-8.18	-31.08	3	Vertical	352	1.70	32.90	25.88	3.14	50.56
AV	1.19996G	1.28	10.00	-8.72	-31.15	3	Vertical	312	1.48	32.43	25.80	3.15	50.56
AV	1.20566G	0.55	10.00	-9.45	-31.14	3	Vertical	331	2.10	31.69	25.80	3.16	50.56

Ultra Wide Band_Nss1_1TX(Port1)

26/04/2024

7987.2MHz_TX

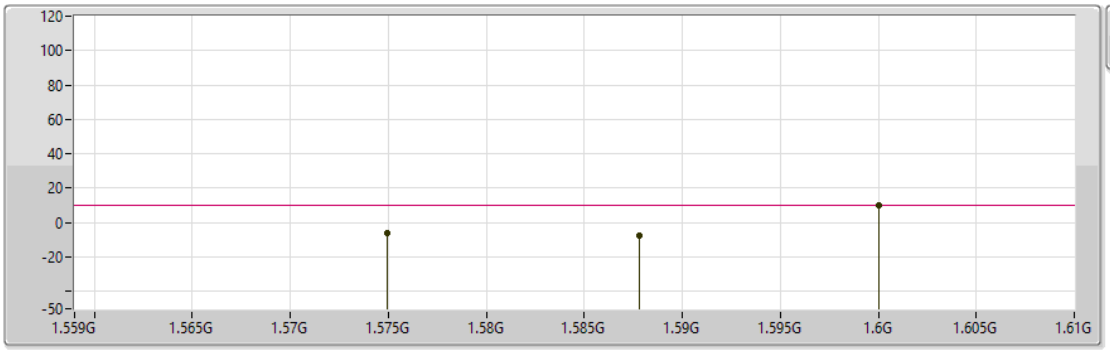


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	1.19135G	0.20	10.00	-9.80	-30.99	3	Horizontal	307	1.49	31.19	25.97	3.14	50.56
AV	1.20012G	2.14	10.00	-7.86	-31.15	3	Horizontal	280	1.64	33.29	25.80	3.15	50.56
AV	1.20502G	-2.22	10.00	-12.22	-31.14	3	Horizontal	70	1.47	28.92	25.80	3.16	50.56

Ultra Wide Band_Nss1_1TX(Port1)

26/04/2024

7987.2MHz_TX

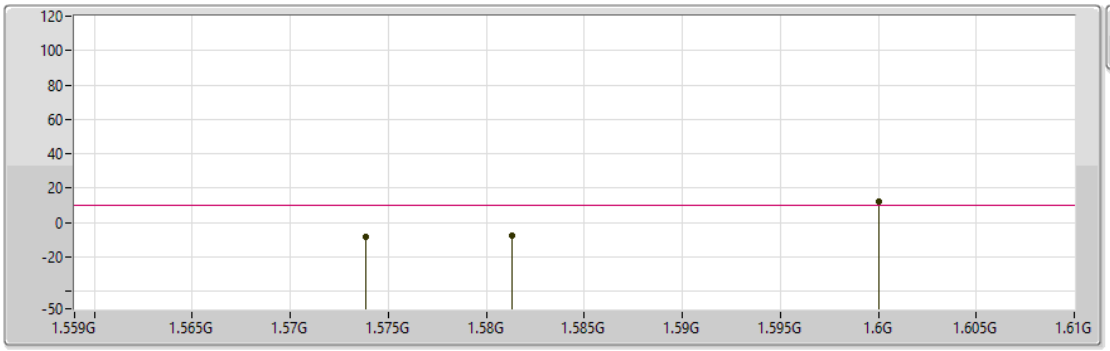


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	1.57498G	-5.99	10.00	-15.99	-31.24	3	Vertical	78	1.92	25.25	25.35	3.64	50.69
AV	1.58783G	-7.21	10.00	-17.21	-31.19	3	Vertical	15	1.50	23.98	25.40	3.65	50.70
AV	1.60002G	10.10	-	-	-31.27	3	Vertical	345	1.49	41.37	25.30	3.67	50.70

Ultra Wide Band_Nss1_1TX(Port1)

26/04/2024

7987.2MHz_TX

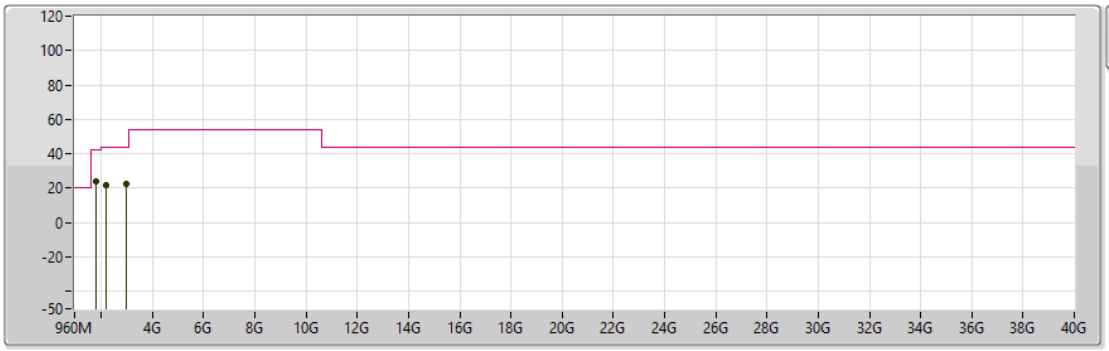


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	1.57387G	-7.92	10.00	-17.92	-31.25	3	Horizontal	165	1.50	23.33	25.34	3.64	50.69
AV	1.5813G	-7.39	10.00	-17.39	-31.18	3	Horizontal	133	1.49	23.79	25.40	3.65	50.69
AV	1.60002G	12.50	-	-	-31.27	3	Horizontal	309	1.49	43.77	25.30	3.67	50.70

Ultra Wide Band_Nss1_1TX(Port2)

26/04/2024

7987.2MHz_TX

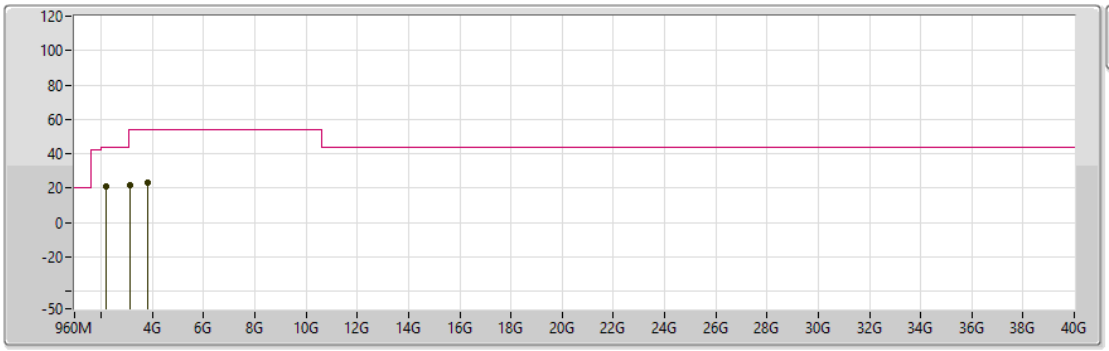


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	1.79968G	23.98	42.00	-18.02	-31.42	3	Vertical	360	3.00	55.40	25.00	3.88	50.76
AV	2.19972G	21.45	44.00	-22.55	-28.74	3	Vertical	360	3.00	50.19	27.10	4.33	50.63
AV	2.99981G	22.79	44.00	-21.21	-25.34	3	Vertical	360	3.00	48.13	29.50	5.17	50.47

Ultra Wide Band_Nss1_1TX(Port2)

26/04/2024

7987.2MHz_TX

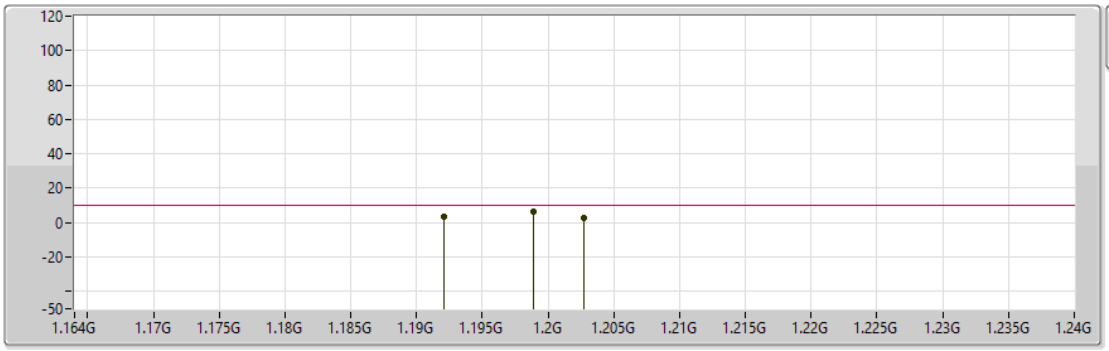


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.1948G	20.97	44.00	-23.03	-28.70	3	Horizontal	0	3.00	49.67	27.15	4.32	50.63
AV	3.12495G	22.09	54.00	-31.91	-25.12	3	Horizontal	0	3.00	47.21	29.60	5.27	50.45
AV	3.82552G	23.26	54.00	-30.74	-23.38	3	Horizontal	0	3.00	46.64	30.45	5.90	50.19

Ultra Wide Band_Nss1_1TX(Port2)

26/04/2024

7987.2MHz_TX

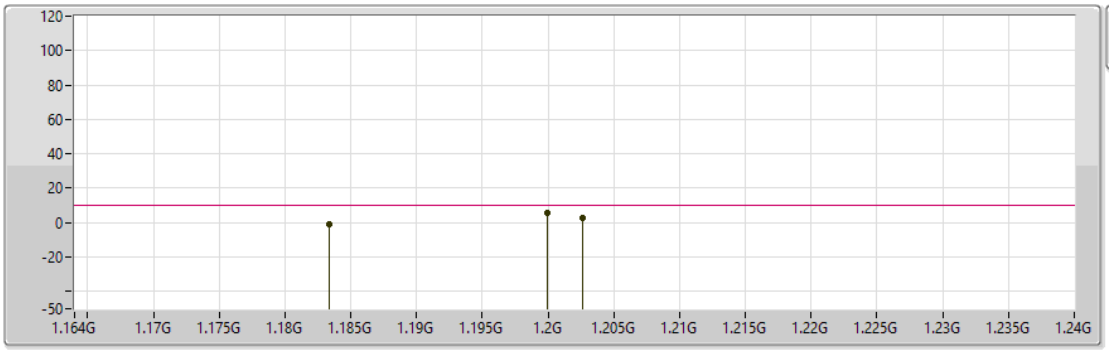


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	1.19205G	3.46	10.00	-6.54	-31.00	3	Vertical	214	1.49	34.46	25.96	3.14	50.56
AV	1.20269G	2.51	10.00	-7.49	-31.15	3	Vertical	360	1.61	33.66	25.80	3.15	50.56
AV	1.19884G	6.28	10.00	-3.72	-31.13	3	Vertical	339	1.87	37.41	25.82	3.15	50.56

Ultra Wide Band_Nss1_1TX(Port2)

26/04/2024

7987.2MHz_TX

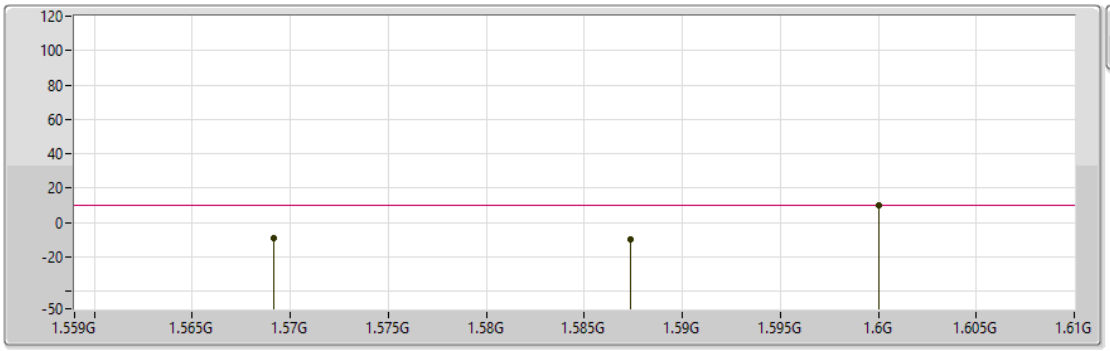


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	1.18334G	-0.63	10.00	-10.63	-30.90	3	Horizontal	357	1.62	30.27	26.07	3.13	50.56
AV	1.19998G	5.90	10.00	-4.10	-31.15	3	Horizontal	0	1.49	37.05	25.80	3.15	50.56
AV	1.20266G	2.97	10.00	-7.03	-31.15	3	Horizontal	0	1.79	34.12	25.80	3.15	50.56

Ultra Wide Band_Nss1_1TX(Port2)

26/04/2024

7987.2MHz_TX

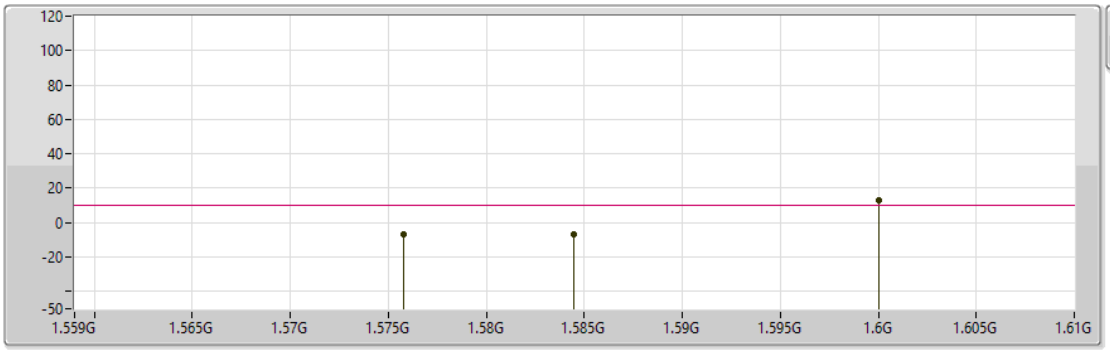


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	1.56914G	-9.15	10.00	-19.15	-31.30	3	Vertical	88	1.47	22.15	25.30	3.63	50.69
AV	1.58736G	-9.40	10.00	-19.40	-31.19	3	Vertical	31	1.62	21.79	25.40	3.65	50.70
AV	1.60002G	9.94	-	-	-31.27	3	Vertical	329	1.48	41.21	25.30	3.67	50.70

Ultra Wide Band_Nss1_1TX(Port2)

26/04/2024

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	1.57576G	-6.44	10.00	-16.44	-31.23	3	Horizontal	357	1.74	24.79	25.36	3.64	50.69
AV	1.58444G	-6.56	10.00	-16.56	-31.19	3	Horizontal	67	1.50	24.63	25.40	3.65	50.70
AV	1.60002G	13.32	-	-	-31.27	3	Horizontal	306	1.53	44.59	25.30	3.67	50.70