



FCC Radio Test Report

FCC ID : TKZAW7615NP1
Equipment : WiFi5 11ac 4T4R module 1700Mbps
Brand Name : AsiaRF Co., Ltd.
Model Name : AW7615-NP1
Applicant : AsiaRF Co., Ltd.
1F, 7, Houde Street, Yonghe Dist. New Taipei City Taiwan 23455
Manufacturer : AsiaRF Co., Ltd.
1F, 7, Houde Street, Yonghe Dist. New Taipei City Taiwan 23455
Standard : 47 CFR FCC Part 15.247

The product was received on Jul. 21, 2021, and testing was started from Aug. 02, 2021 and completed on Aug. 31, 2021. 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: Allen Lin

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 REPORT3

SUMMARY OF TEST RESULT4

1 GENERAL DESCRIPTION5

1.1 Information.....5

1.2 Testing Applied Standards8

1.3 Testing Location Information8

1.4 Measurement Uncertainty9

2 TEST CONFIGURATION OF EUT.....10

2.1 Test Channel Mode10

2.2 The Worst Case Measurement Configuration11

2.3 Support Equipment.....12

2.4 Test Setup Diagram13

3 TRANSMITTER TEST RESULT15

3.1 AC Power-line Conducted Emissions15

3.2 DTS Bandwidth.....17

3.3 Maximum Conducted Output Power18

3.4 Power Spectral Density20

3.5 Emissions in Non-restricted Frequency Bands21

3.6 Emissions in Restricted Frequency Bands.....22

4 TEST EQUIPMENT AND CALIBRATION DATA26

APPENDIX A. TEST RESULTS OF AC POWER-LINE CONDUCTED EMISSIONS

APPENDIX B. TEST RESULTS OF DTS BANDWIDTH

APPENDIX C. TEST RESULTS OF MAXIMUM CONDUCTED OUTPUT POWER

APPENDIX D. TEST RESULTS OF POWER SPECTRAL DENSITY

APPENDIX E. TEST RESULTS OF EMISSIONS IN NON-RESTRICTED FREQUENCY BANDS

APPENDIX F. TEST RESULTS OF EMISSIONS IN RESTRICTED FREQUENCY BANDS

APPENDIX G. TEST PHOTOS

PHOTOGRAPHS OF EUT V01



Summary of Test Result

Report Clause	Ref. Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.2	15.203	Antenna Requirement	PASS	-
3.1	15.207	AC Power-line Conducted Emissions	PASS	-
3.2	15.247(a)	DTS Bandwidth	PASS	-
3.3	15.247(b)	Maximum Conducted Output Power	PASS	-
3.4	15.247(e)	Power Spectral Density	PASS	-
3.5	15.247(d)	Emissions in Non-restricted Frequency Bands	PASS	-
3.6	15.247(d)	Emissions in Restricted Frequency Bands	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:

The EUT supports beamforming and CDD modes, and the CDD mode is the worse case. Therefore, all test items are evaluated in the report. The beamforming mode only evaluated the output power.

Reviewed by: Sam Tsai

Report Producer: Debby Hung



1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
2400-2483.5	b, g, n (HT20), VHT20	2412-2462	1-11 [11]
2400-2483.5	n (HT40), VHT40	2422-2452	3-9 [7]

<Non-Beamforming>

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	802.11b	20	4TX
2.4-2.4835GHz	802.11g	20	4TX
2.4-2.4835GHz	VHT20	20	4TX
2.4-2.4835GHz	VHT40	40	4TX

<Beamforming>

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	VHT20	20	4TX
2.4-2.4835GHz	VHT40	40	4TX

Note:

- ◆ 11b mode uses a combination of DSSS-DBPSK, DQPSK, CCK modulation.
- ◆ 11g, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- ◆ VHT20, VHT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation.
- ◆ BWch is the nominal channel bandwidth.



1.1.2 Antenna Information

Group	Ant.	Brand	Model Name	Antenna Type	Connector	Support
Group 1	1-4	Asiarf	ANT010-DAU	PCB	I-Pex	2.4G+5G
Group 2	5-8	Asiarf	A245005N	PCB	I-Pex	2.4G+5G
Group 3	9-12	Asiarf	A2405N	PCB	I-Pex	2.4G
Group 4	13-16	Asiarf	A5005N	PCB	I-Pex	5G
Group 5	17-20	Asiarf	A245004	Dipole	I-Pex	2.4G+5G
Group 6	21-24	Asiarf	A245002	Dipole	I-Pex	2.4G+5G

Group	Ant.	Gain (dBi)	
		2.4G	5G
Group 1	1-4	5.2	5.5
Group 2	5-8	4.0	5.1
Group 3	9-12	5.2	-
Group 4	13-16	-	5
Group 5	17-20	4.0	5.1
Group 6	21-24	2.0	2.0

Note 1: EUT can match with above antennas for using. Higher gain in each type of antenna was used to perform the worst configuration and result of that was recorded as the final test result.

For 2.4GHz function:

For IEEE 802.11 b/g/n/VHT mode (4TX/4RX)

Group 1 , Group 2 , Group 3 , Group 5 or Group 6 could transmit/receive .

For 5GHz function:

For IEEE 802.11 a/n/ac mode (4TX/4RX)

Group 1 , Group 2 , Group 4 , Group 5 or Group 6 could transmit/receive .



1.1.3 EUT Information

Operational Condition				
EUT Power Type	From Test Fixture			
EUT Function	<input checked="" type="checkbox"/>	Point-to-multipoint	<input type="checkbox"/>	Point-to-point
Beamforming Function	<input checked="" type="checkbox"/>	With beamforming	<input type="checkbox"/>	Without beamforming
Type of EUT				
<input checked="" type="checkbox"/>	Stand-alone			
<input type="checkbox"/>	Combined (EUT where the radio part is fully integrated within another device)			
	Combined Equipment - Brand Name / Model No.:		...	
<input type="checkbox"/>	Plug-in radio (EUT intended for a variety of host systems)			
	Host System - Brand Name / Model No.:		...	
<input type="checkbox"/>	Other:			

1.1.4 Mode Test Duty Cycle

<Non-Beamforming>

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11b_Nss1,(1Mbps)_4TX	0.952	0.21	8.417m	300
802.11g_Nss1,(6Mbps)_4TX	0.816	0.88	1.398m	1k
VHT20_Nss1,(MCS0)_4TX	0.53	2.76	373.75u	3k
VHT40_Nss1,(MCS0)_4TX	0.38	4.2	209.375u	10k

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

<Beamforming>

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
VHT20-BF_Nss1,(MCS0)_4TX	0.53	2.76	373.75u	3k
VHT40-BF_Nss1,(MCS0)_4TX	0.38	4.2	209.375u	10k

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



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 558074 D01 v05r02
- ◆ KDB 662911 D01 v02r01
- ◆ KDB 414788 D01 v01r01

1.3 Testing Location Information

Test Lab. : Sporton International Inc. Hsinhua Laboratory				
<input checked="" type="checkbox"/> 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	20.4~25.7°C / 55~62%	05/Aug/2021
RF Conducted	TH06-HY	Howard Lee	20.6~25.6°C / 52~66%	06/Aug/2021~31/Aug/2021
Radiated	03CH02-HY	Daniel Lin	20.4~25.7°C / 55~62%	02/Aug/2021~05/Aug/2021
<input type="checkbox"/> 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
Conducted Emission (150kHz ~ 30MHz)	0.9 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	2.4 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	3.7 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	3.6 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	3.5 dB	Confidence levels of 95%
Conducted Emission	1.0 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 Channel Mode

<Non-Beamforming>




Test Software Version	QA UI(MT7615)
-----------------------	---------------

Mode	Power Setting
802.11b_Nss1,(1Mbps)_4TX	-
2412MHz	11
2417MHz	10.5
2437MHz	11.5
2457MHz	13
2462MHz	11.5
802.11g_Nss1,(6Mbps)_4TX	-
2412MHz	8
2417MHz	10
2437MHz	10
2457MHz	10
2462MHz	6
VHT20_Nss1,(MCS0)_4TX	-
2412MHz	11
2417MHz	13
2437MHz	17.5
2457MHz	12
2462MHz	9
VHT40_Nss1,(MCS0)_4TX	-
2422MHz	6
2427MHz	8.5
2437MHz	11
2447MHz	3
2452MHz	2.5

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral Test Voltage: 120Vac / 60Hz
Operating Mode	CTX
1	Test Fixture mode

The Worst Case Mode for Following Conformance Tests	
Tests Item	DTS Bandwidth Maximum Conducted Output Power Power Spectral Density Emissions in Non-restricted Frequency Bands
Test Condition	Conducted measurement at transmit chains

The Worst Case Mode for Following Conformance Tests			
Tests Item	Emissions in Restricted Frequency Bands		
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 < 1GHz	CTX		
1	Test Fixture mode		
Operating Mode > 1GHz	CTX		
Orthogonal Planes of EUT	X Plane	Y Plane	Z Plane
			
Worst Planes of EUT			V



2.3 Support Equipment

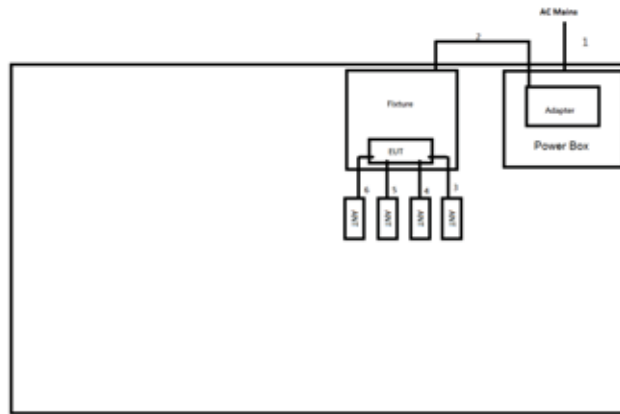
Support Equipment – AC Conduction					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Adapter	I.T.E	CW1201000	-	-
2	Fixture	-	-	-	Provided by Customer

Support Equipment – Conducted					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Adapter	I.T.E	CW1201000	-	-
2	Fixture	-	-	-	Provided by Customer

Support Equipment – Radiated					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Adapter	I.T.E	CW1201000	-	-
2	Fixture	-	-	-	Provided by Customer

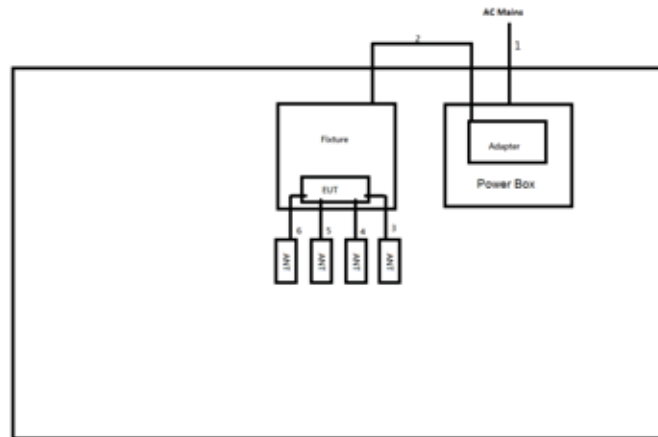
2.4 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	DC Power cable	No	1.8	-
3	RF Cable	No	0.1	-
4	RF Cable	No	0.1	-
5	RF Cable	No	0.1	-
6	RF Cable	No	0.1	-

Test Setup Diagram - Radiated Test



Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	DC Power cable	No	1.8	-
3	RF Cable	No	0.1	-
4	RF Cable	No	0.1	-
5	RF Cable	No	0.1	-
6	RF Cable	No	0.1	-



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

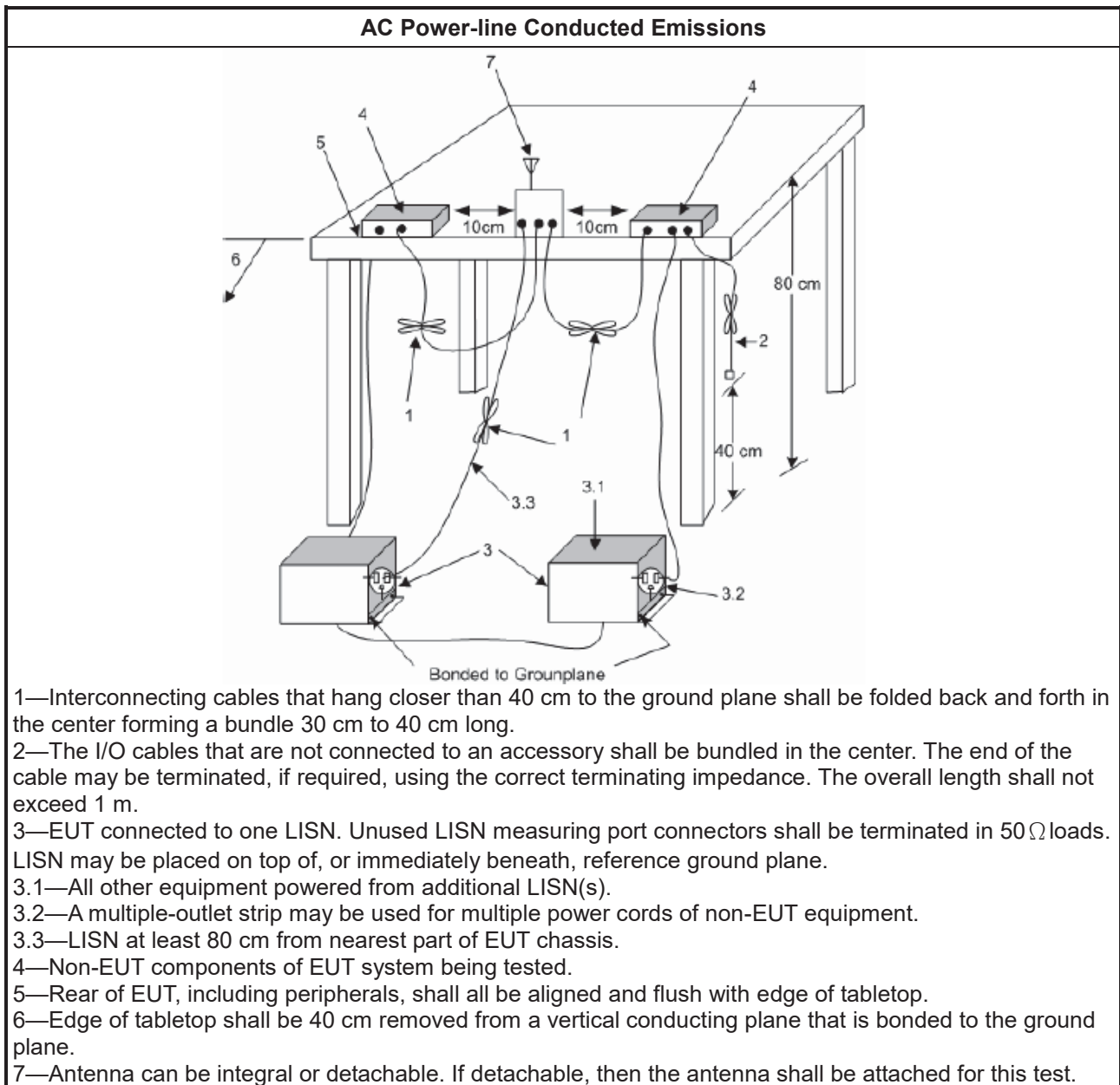
Test Method
<input checked="" type="checkbox"/> Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

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



3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 DTS Bandwidth

3.2.1 6dB Bandwidth Limit

6dB Bandwidth Limit
Systems using digital modulation techniques:
<ul style="list-style-type: none"> ▪ 6 dB bandwidth \geq 500 kHz.

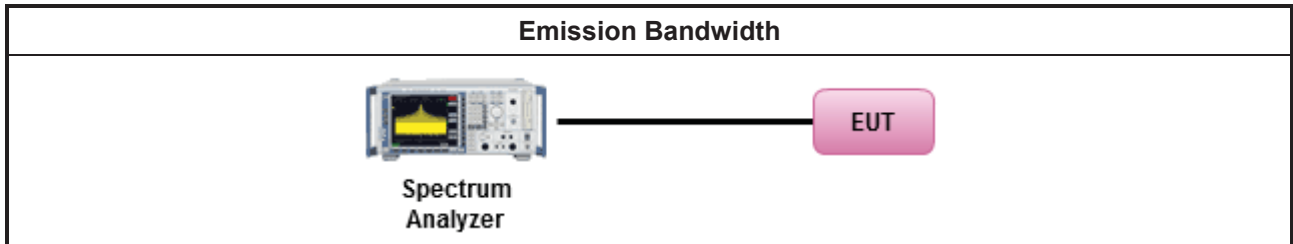
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

Test Method
<ul style="list-style-type: none"> ▪ For the emission bandwidth shall be measured using one of the options below:
<input checked="" type="checkbox"/> Refer as KDB 558074. clause 8.2 (11.8 of ANSI C63.10) DTS bandwidth measurement.
<input type="checkbox"/> Refer as RSS-Gen, clause 6.7 for occupied bandwidth testing.
<input type="checkbox"/> Refer as ANSI C63.10, clause 6.9.3 for occupied bandwidth testing.

3.2.4 Test Setup



3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B



3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

Maximum Conducted Output Power Limit	
	<ul style="list-style-type: none"> ▪ If $G_{TX} \leq 6$ dBi, then $P_{Out} \leq 30$ dBm (1 W)
	<ul style="list-style-type: none"> ▪ Point-to-multipoint systems (P2M): If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$ dBm
	<ul style="list-style-type: none"> ▪ Point-to-point systems (P2P): If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)/3$ dBm
	<ul style="list-style-type: none"> ▪ Smart antenna system (SAS):
	<ul style="list-style-type: none"> - Single beam: If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)/3$ dBm
	<ul style="list-style-type: none"> - Overlap beam: If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)/3$ dBm
	<ul style="list-style-type: none"> - Aggregate power on all beams: If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)/3 + 8$ dB dBm
e.i.r.p. Power Limit:	
	<ul style="list-style-type: none"> ▪ 2400-2483.5 MHz Band
	<ul style="list-style-type: none"> ▪ Point-to-multipoint systems (P2M): $P_{eirp} \leq 36$ dBm (4 W)
	<ul style="list-style-type: none"> ▪ Point-to-point systems (P2P): $P_{eirp} \leq \text{MAX}(36, [P_{Out} + G_{TX}])$ dBm
	<ul style="list-style-type: none"> ▪ Smart antenna system (SAS)
	<ul style="list-style-type: none"> - Single beam: $P_{eirp} \leq \text{MAX}(36, P_{Out} + G_{TX})$ dBm
	<ul style="list-style-type: none"> - Overlap beam: $P_{eirp} \leq \text{MAX}(36, P_{Out} + G_{TX})$ dBm
	<ul style="list-style-type: none"> - Aggregate power on all beams: $P_{eirp} \leq \text{MAX}(36, [P_{Out} + G_{TX} + 8])$ dBm
<p>P_{Out} = maximum peak conducted output power or maximum conducted output power in dBm, G_{TX} = the maximum transmitting antenna directional gain in dBi.</p>	

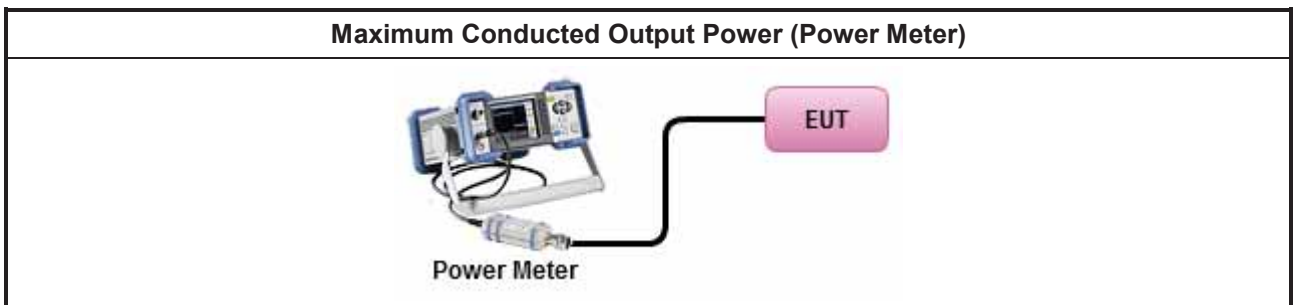
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

Test Method	
<ul style="list-style-type: none"> ▪ Maximum Peak Conducted Output Power 	
<input type="checkbox"/>	Refer as KDB 558074, clause 8.3.1.1 (11.9.1.1 of ANSI C63.10) RBW ≥ EBW method.
<input type="checkbox"/>	Refer as KDB 558074, clause 8.3.1.2 (11.9.1.2 of ANSI C63.10) integrated band power method.
<input type="checkbox"/>	Refer as KDB 558074, clause 8.3.1.3 (11.9.1.3 of ANSI C63.10) peak power meter.
<ul style="list-style-type: none"> ▪ Maximum Average Conducted Output Power 	
<input type="checkbox"/>	Refer as KDB 558074, clause 8.3.2.2 (11.9.2.2 of ANSI C63.10) using a spectrum analyzer.
<input checked="" type="checkbox"/>	Refer as KDB 558074, clause 8.3.2.3 (11.9.2.3 of ANSI C63.10) using a power meter.
<ul style="list-style-type: none"> ▪ For conducted measurement. 	
<ul style="list-style-type: none"> ▪ If the EUT supports multiple transmit chains using options given below: Refer as KDB 662911, In-band power measurements. Using the measure-and-sum approach, measured all transmit ports individually. Sum the power (in linear power units e.g., mW) of all ports for each individual sample and save them. 	
<ul style="list-style-type: none"> ▪ If multiple transmit chains, EIRP calculation could be following as methods: $P_{total} = P_1 + P_2 + \dots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$ 	

3.3.4 Test Setup



3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Power Spectral Density

3.4.1 Power Spectral Density Limit

Power Spectral Density Limit
<ul style="list-style-type: none"> Power Spectral Density (PSD) \leq 8 dBm/3kHz

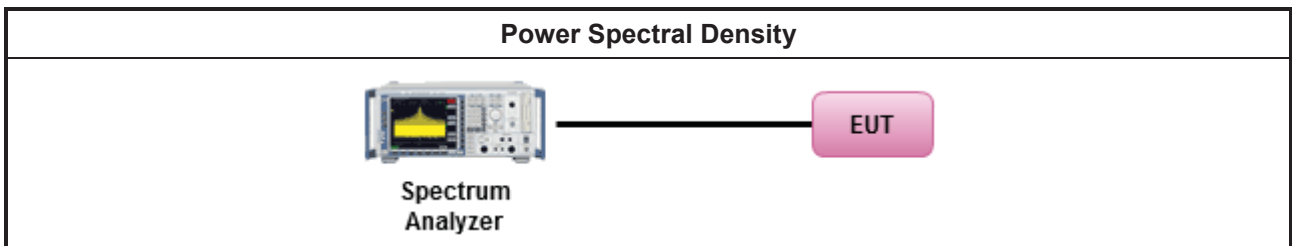
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

Test Method
<ul style="list-style-type: none"> Peak power spectral density procedures that the same method as used to determine the conducted output power. If maximum peak conducted output power was measured to demonstrate compliance to the output power limit, then the peak PSD procedure below (Method PKPSD) shall be used. If maximum conducted output power was measured to demonstrate compliance to the output power limit, then one of the average PSD procedures shall be used, as applicable based on the following criteria (the peak PSD procedure is also an acceptable option).
<input checked="" type="checkbox"/> Refer as KDB 558074, clause 8.4 (11.10 of ANSI C63.10) Max. PSD.
<ul style="list-style-type: none"> For conducted measurement. <ul style="list-style-type: none"> If The EUT supports multiple transmit chains using options given below: <ul style="list-style-type: none"> Measure and sum the spectra across the outputs. Refer as KDB 662911, In-band power spectral density (PSD). Sample all transmit ports simultaneously using a spectrum analyzer for each transmit port. Where the trace bin-by-bin of each transmit port summing can be performed. (i.e., in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 and that from the first spectral bin of output 3, and so on up to the NTX output to obtain the value for the first frequency bin of the summed spectrum.). Add up the amplitude (power) values for the different transmit chains and use this as the new data trace.

3.4.4 Test Setup



3.4.5 Test Result of Power Spectral Density

Refer as Appendix D

3.5 Emissions in Non-restricted Frequency Bands

3.5.1 Emissions in Non-restricted Frequency Bands Limit

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

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

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

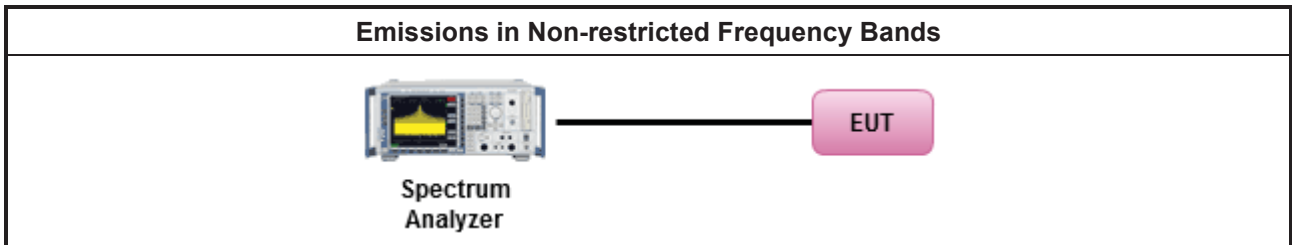
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

Test Method
<ul style="list-style-type: none"> Refer as KDB 558074, clause 8.5 (11.11 of ANSI C63.10) for non-restricted frequency bands.

3.5.4 Test Setup



3.5.5 Test Result of Emissions in Non-restricted Frequency Bands

Refer as Appendix E



3.6 Emissions in Restricted Frequency Bands

3.6.1 Emissions in Restricted Frequency Bands Limit

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

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

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

Note 3: Using the distance of 1m during the test for above 18 GHz, and the test value to correct for the distance factor at 3m.

3.6.2 Measuring Instruments

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



3.6.3 Test Procedures

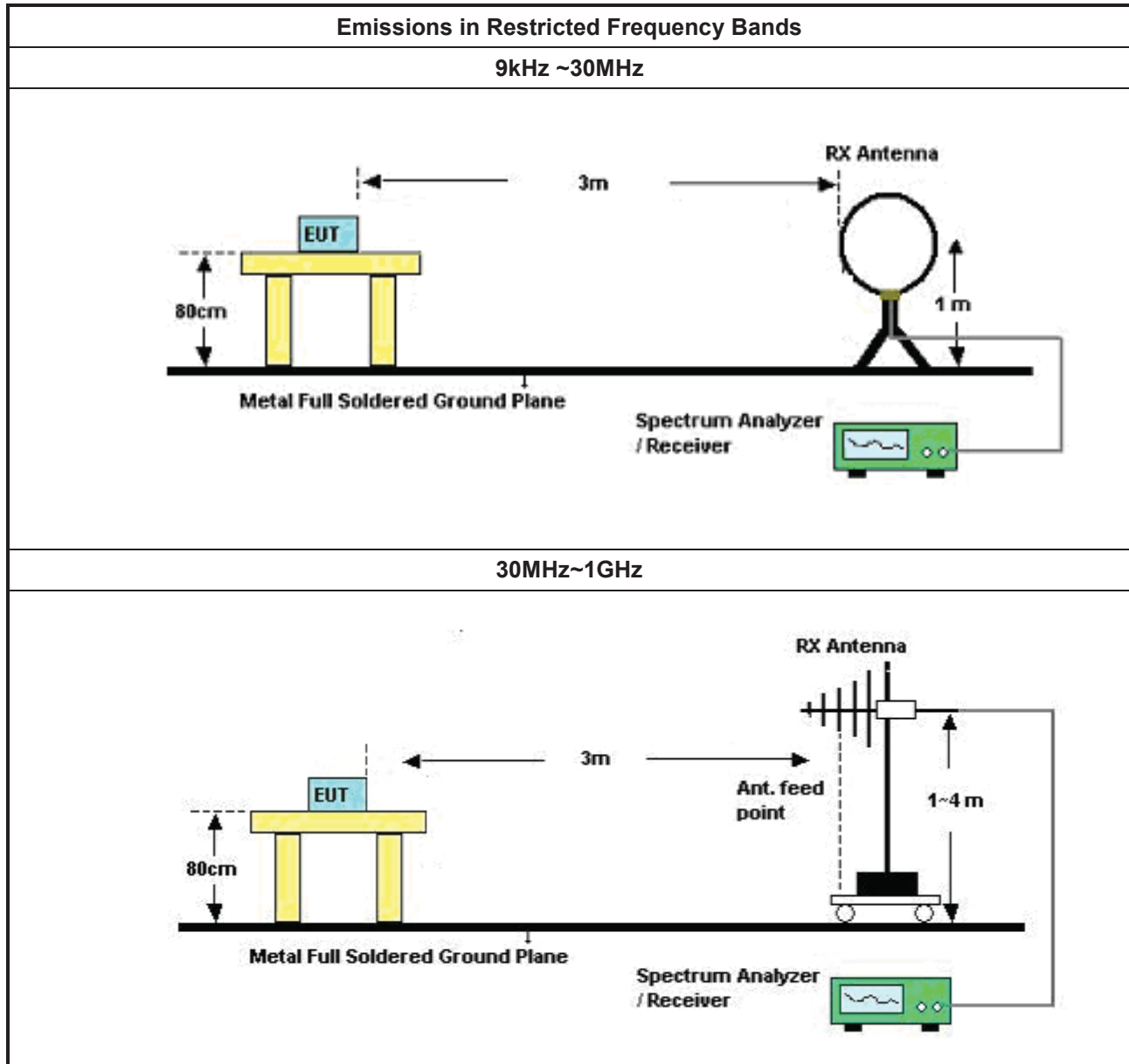
Test Method	
	<ul style="list-style-type: none"> The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor].
	<ul style="list-style-type: none"> Refer as ANSI C63.10, clause 6.10.3 band-edge testing shall be performed at the lowest frequency channel and highest frequency channel within the allowed operating band.
	<ul style="list-style-type: none"> For the transmitter unwanted emissions shall be measured using following options below:
	<ul style="list-style-type: none"> Refer as KDB 558074, clause 8.6 (11.12 of ANSI C63.10) for restricted frequency bands.
	<ul style="list-style-type: none"> For the transmitter band-edge emissions shall be measured using following options below:
	<ul style="list-style-type: none"> Refer as KDB 558074 clause 8.7.1, When the performing peak or average radiated measurements, emissions within 2 MHz of the authorized band edge may be measured using the marker-delta method described below.
	<ul style="list-style-type: none"> Refer as KDB 558074, clause 8.7.2 (6.10.6 of ANSI C63.10) for marker-delta method for band-edge measurements.
	<ul style="list-style-type: none"> Refer as KDB 558074, clause 8.7.3 for narrower resolution bandwidth (100kHz) using the band power and summing the spectral levels.
	<ul style="list-style-type: none"> Use the following spectrum analyzer settings:
	<ul style="list-style-type: none"> Set RBW=100 kHz for f < 1 GHz; VBW=3 * RBW; Sweep = auto; Detector function = peak; Trace = max hold.
	<ul style="list-style-type: none"> Set RBW = 1 MHz, VBW= 3MHz for f ≥ 1 GHz for peak measurement. For average measurement, refer as 1.1.4.
	<ul style="list-style-type: none"> KDB 414788 Open-Field Test Sites and Chamber Correlation Justification.
	<ul style="list-style-type: none"> Based on FCC 15.31(f)(2): measurements may be performed at a distance closer than that specified in regulations; however, an attempt should be made to avoid making measurements in the near field.
	<ul style="list-style-type: none"> Open-field site and chamber correlation testing had been performed and chamber measured test result is the worst case test result.

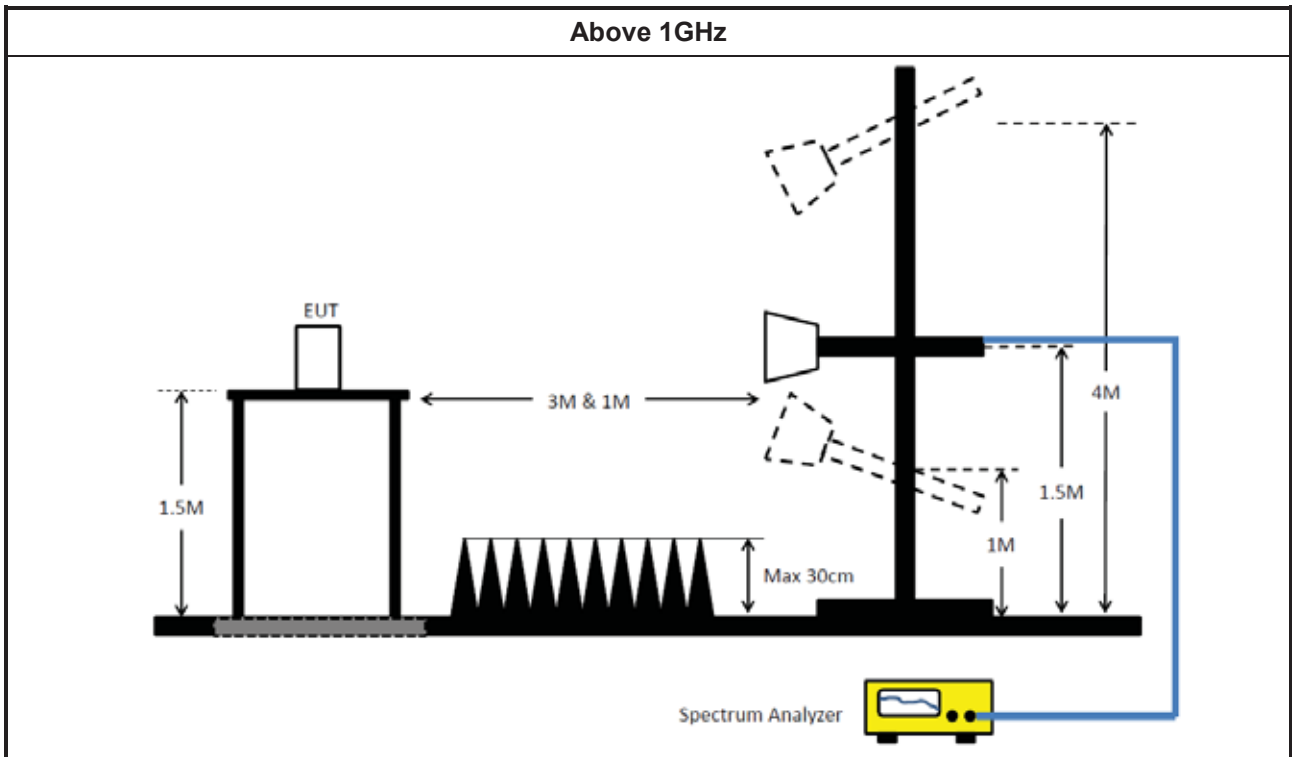
3.6.4 Measurement Results Calculation

The measured Level is calculated using:

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

3.6.5 Test Setup





3.6.6 Test Result of Emissions in Restricted Frequency Bands (Below 30MHz)

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

3.6.7 Test Result of Emissions in Restricted Frequency Bands

Refer as Appendix F



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	102052	9kHz ~ 3.6GHz	19/Apr/2021	18/Apr/2022
LISN	R&S	ENV216	101295	9kHz ~ 30MHz	11/Nov/2020	10/Nov/2021
RF Cable 5m	TITAN	TITAN	CO04-cable-01	0.1MHz~200MHz	03/Mar/2021	02/Mar/2022
Impuls Begrenzer Pulse Limiter	SCHWARZBEC K	VTSD 9561-F	9561-F041	9kHz ~ 30MHz	21/Sep/2020	20/Sep/2021

Instrument for Conducted Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSV 40	101029	10Hz~40GHz	19/Oct/2020	18/Oct/2021
SMB100A Signal Generator	R&S	SMB100A03	181147	100kHz~40GHz	20/Oct/2020	19/Oct/2021
Pulse Sensor	Anritsu	MA2411B	1027452	300MHz~40GHz	25/Mar/2021	24/Mar/2022
Power Meter	Anritsu	ML2495A	1124009	300MHz~40GHz	25/Mar/2021	24/Mar/2022

**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	04/Aug/2021	03/Aug/2022
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH02-HY	1GHz~18GHz 3m	02/Aug/2021	01/Aug/2022
Signal Analyzer	R&S	FSP40	100593	9kHz~40GHz	12/Mar/2021	11/Mar/2022
Amplifier	Agilent	8447D	2944A11149	100kHz~1.3GHz	29/Jun/2021	28/Jun/2022
Microwave Preamp	Agilent	8449B	3008A02373	1GHz~26.5GHz	23/Oct/2020	22/Oct/2021
Bilog Antenna & 5dB Attenuator	SCHAFFNER / MTJ	CBL 6112B / MTJ6102-05	2723 / 2	30MHz~1GHz	06/Sep/2020	05/Sep/2021
Double Ridged Guide Horn Antenna	SCHWARZBEC	BBHA 9120 D	BBHA 9120 D 01543	1GHz~18GHz	04/Jun/2021	03/Jun/2022
RF Cable	MVE	400LL	MVE-1-0802	9kHz~30MHz	05/May/2021	04/May/2022
RF Cable	MVE	400LL	MVE-1-0802	30MHz~1GHz	05/May/2021	04/May/2022
RF Cable-R03m	HUBER+SUHNER	SUCOFLEX104	805193/4+8051 92/4	1GHz~40GHz	06/Apr/2021	05/Apr/2022
Broadband Horn Antenna	SCHWARZBEC K	BBHA 9170	BBHA 9170221	15GHz~40GHz	11/Mar/2021	10/Mar/2022
Preamp	MITEQ	TTA1840-35-HG	1864481	18GHz~40GHz	18/Mar/2021	17/Mar/2022
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	16/Mar/2021	15/Mar/2022
EMI Test Receiver	R&S	ESR3	102052	9kHz~3.6GHz	19/Apr/2021	18/Apr/2022



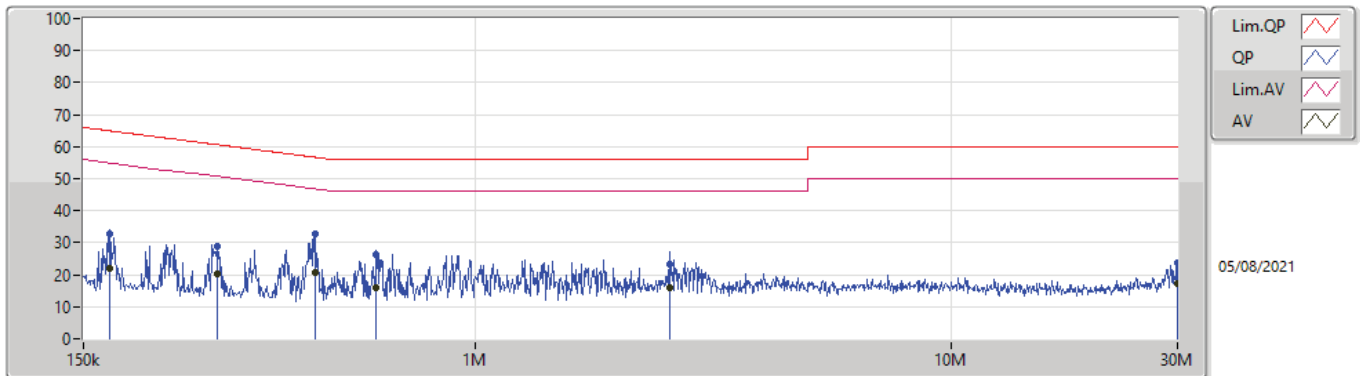
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	458.702k	33.31	56.71	-23.40	Neutral

Mode Configure

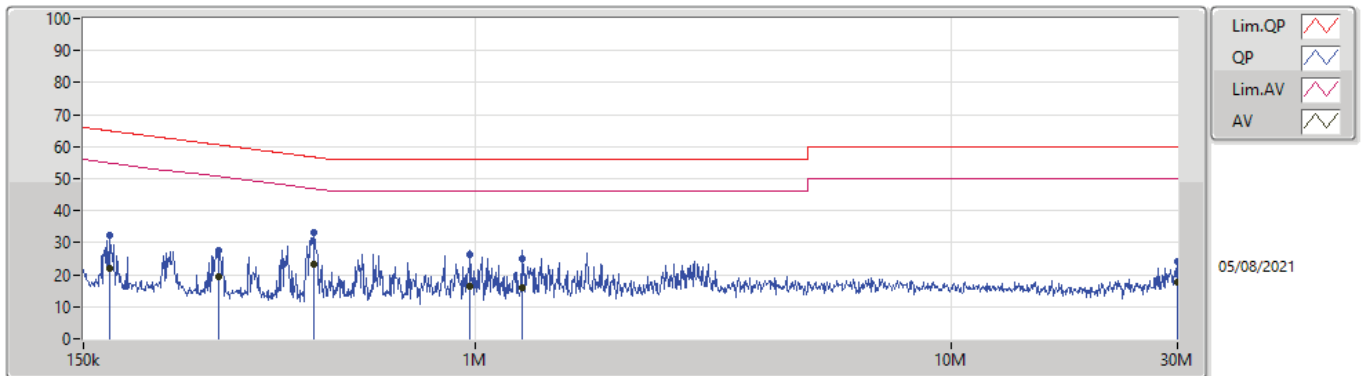
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	169.76k	32.96	64.97	-32.01	Line	-
Mode 1	Pass	AV	169.76k	21.89	54.97	-33.08	Line	-
Mode 1	Pass	QP	287.532k	28.90	60.59	-31.69	Line	-
Mode 1	Pass	AV	287.532k	20.47	50.59	-30.12	Line	-
Mode 1	Pass	QP	462.379k	32.90	56.65	-23.75	Line	-
Mode 1	Pass	AV	462.379k	20.72	46.65	-25.93	Line	-
Mode 1	Pass	QP	618.813k	26.20	56.00	-29.80	Line	-
Mode 1	Pass	AV	618.813k	15.91	46.00	-30.09	Line	-
Mode 1	Pass	QP	2.573M	23.30	56.00	-32.70	Line	-
Mode 1	Pass	AV	2.573M	15.74	46.00	-30.26	Line	-
Mode 1	Pass	QP	29.973M	23.61	60.00	-36.39	Line	-
Mode 1	Pass	AV	29.973M	17.44	50.00	-32.56	Line	-
Mode 1	Pass	QP	169.76k	32.18	64.97	-32.79	Neutral	-
Mode 1	Pass	AV	169.76k	21.96	54.97	-33.01	Neutral	-
Mode 1	Pass	QP	288.682k	27.39	60.57	-33.18	Neutral	-
Mode 1	Pass	AV	288.682k	19.20	50.57	-31.37	Neutral	-
Mode 1	Pass	QP	458.702k	33.31	56.71	-23.40	Neutral	-
Mode 1	Pass	AV	458.702k	23.12	46.71	-23.59	Neutral	-
Mode 1	Pass	QP	975.445k	26.32	56.00	-29.68	Neutral	-
Mode 1	Pass	AV	975.445k	16.33	46.00	-29.67	Neutral	-
Mode 1	Pass	QP	1.259M	25.02	56.00	-30.98	Neutral	-
Mode 1	Pass	AV	1.259M	15.79	46.00	-30.21	Neutral	-
Mode 1	Pass	QP	29.973M	23.94	60.00	-36.06	Neutral	-
Mode 1	Pass	AV	29.973M	17.55	50.00	-32.45	Neutral	-

Conducted Emissions at Powerline_Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)
QP	169.76k	32.96	64.97	-32.01	19.63	Line	-	13.33	9.69	0.04	9.90
AV	169.76k	21.89	54.97	-33.08	19.63	Line	-	2.26	9.69	0.04	9.90
QP	287.532k	28.90	60.59	-31.69	19.62	Line	-	9.28	9.67	0.05	9.90
AV	287.532k	20.47	50.59	-30.12	19.62	Line	-	0.85	9.67	0.05	9.90
QP	462.379k	32.90	56.65	-23.75	19.61	Line	-	13.29	9.67	0.06	9.88
AV	462.379k	20.72	46.65	-25.93	19.61	Line	-	1.11	9.67	0.06	9.88
QP	618.813k	26.20	56.00	-29.80	19.59	Line	-	6.61	9.67	0.07	9.85
AV	618.813k	15.91	46.00	-30.09	19.59	Line	-	-3.68	9.67	0.07	9.85
QP	2.573M	23.30	56.00	-32.70	19.63	Line	-	3.67	9.68	0.11	9.84
AV	2.573M	15.74	46.00	-30.26	19.63	Line	-	-3.89	9.68	0.11	9.84
QP	29.973M	23.61	60.00	-36.39	19.77	Line	-	3.84	9.53	0.34	9.90
AV	29.973M	17.44	50.00	-32.56	19.77	Line	-	-2.33	9.53	0.34	9.90

Conducted Emissions at Powerline_Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)
QP	169.76k	32.18	64.97	-32.79	19.63	Neutral	-	12.55	9.69	0.04	9.90
AV	169.76k	21.96	54.97	-33.01	19.63	Neutral	-	2.33	9.69	0.04	9.90
QP	288.682k	27.39	60.57	-33.18	19.62	Neutral	-	7.77	9.67	0.05	9.90
AV	288.682k	19.20	50.57	-31.37	19.62	Neutral	-	-0.42	9.67	0.05	9.90
QP	458.702k	33.31	56.71	-23.40	19.61	Neutral	-	13.70	9.67	0.06	9.88
AV	458.702k	23.12	46.71	-23.59	19.61	Neutral	-	3.51	9.67	0.06	9.88
QP	975.445k	26.32	56.00	-29.68	19.55	Neutral	-	6.77	9.67	0.08	9.80
AV	975.445k	16.33	46.00	-29.67	19.55	Neutral	-	-3.22	9.67	0.08	9.80
QP	1.259M	25.02	56.00	-30.98	19.56	Neutral	-	5.46	9.67	0.09	9.80
AV	1.259M	15.79	46.00	-30.21	19.56	Neutral	-	-3.77	9.67	0.09	9.80
QP	29.973M	23.94	60.00	-36.06	19.94	Neutral	-	4.00	9.70	0.34	9.90
AV	29.973M	17.55	50.00	-32.45	19.94	Neutral	-	-2.39	9.70	0.34	9.90



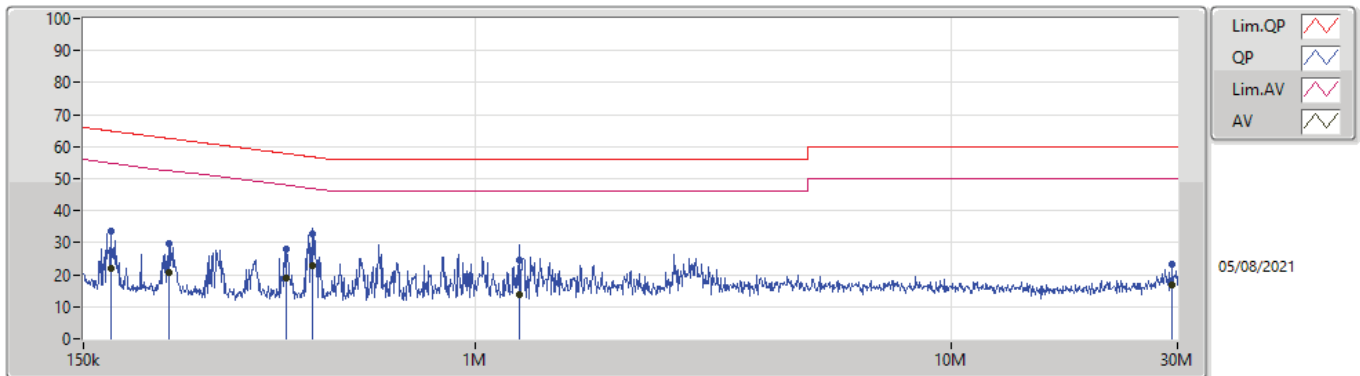
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	456.875k	23.35	46.75	-23.40	Neutral

Mode Configure

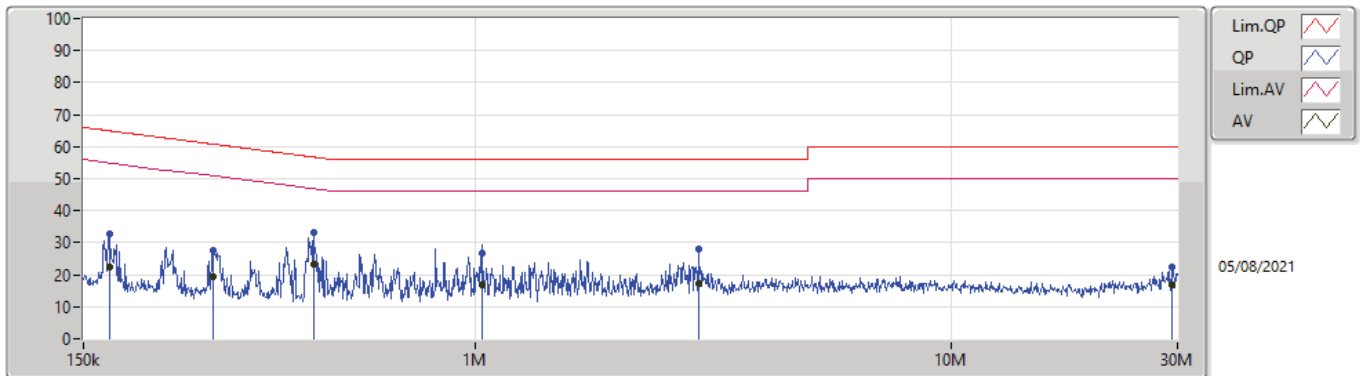
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	171.121k	33.62	64.91	-31.29	Line	-
Mode 1	Pass	AV	171.121k	22.12	54.91	-32.79	Line	-
Mode 1	Pass	QP	227.194k	29.53	62.56	-33.03	Line	-
Mode 1	Pass	AV	227.194k	20.55	52.56	-32.01	Line	-
Mode 1	Pass	QP	400.483k	28.02	57.84	-29.82	Line	-
Mode 1	Pass	AV	400.483k	19.05	47.84	-28.79	Line	-
Mode 1	Pass	QP	455.055k	32.84	56.78	-23.94	Line	-
Mode 1	Pass	AV	455.055k	22.82	46.78	-23.96	Line	-
Mode 1	Pass	QP	1.239M	24.51	56.00	-31.49	Line	-
Mode 1	Pass	AV	1.239M	13.85	46.00	-32.15	Line	-
Mode 1	Pass	QP	29.263M	23.07	60.00	-36.93	Line	-
Mode 1	Pass	AV	29.263M	16.95	50.00	-33.05	Line	-
Mode 1	Pass	QP	169.76k	32.95	64.97	-32.02	Neutral	-
Mode 1	Pass	AV	169.76k	22.30	54.97	-32.67	Neutral	-
Mode 1	Pass	QP	280.727k	27.65	60.80	-33.15	Neutral	-
Mode 1	Pass	AV	280.727k	19.41	50.80	-31.39	Neutral	-
Mode 1	Pass	QP	456.875k	33.20	56.75	-23.55	Neutral	-
Mode 1	Pass	AV	456.875k	23.35	46.75	-23.40	Neutral	-
Mode 1	Pass	QP	1.032M	26.77	56.00	-29.23	Neutral	-
Mode 1	Pass	AV	1.032M	16.77	46.00	-29.23	Neutral	-
Mode 1	Pass	QP	2.959M	28.18	56.00	-27.82	Neutral	-
Mode 1	Pass	AV	2.959M	17.37	46.00	-28.63	Neutral	-
Mode 1	Pass	QP	29.147M	22.40	60.00	-37.60	Neutral	-
Mode 1	Pass	AV	29.147M	16.99	50.00	-33.01	Neutral	-

Conducted Emissions at Powerline_Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	171.121k	33.62	64.91	-31.29	19.63	Line	-	13.99	9.69	0.04	9.90			
AV	171.121k	22.12	54.91	-32.79	19.63	Line	-	2.49	9.69	0.04	9.90			
QP	227.194k	29.53	62.56	-33.03	19.62	Line	-	9.91	9.68	0.04	9.90			
AV	227.194k	20.55	52.56	-32.01	19.62	Line	-	0.93	9.68	0.04	9.90			
QP	400.483k	28.02	57.84	-29.82	19.63	Line	-	8.39	9.67	0.06	9.90			
AV	400.483k	19.05	47.84	-28.79	19.63	Line	-	-0.58	9.67	0.06	9.90			
QP	455.055k	32.84	56.78	-23.94	19.62	Line	-	13.22	9.67	0.06	9.89			
AV	455.055k	22.82	46.78	-23.96	19.62	Line	-	3.20	9.67	0.06	9.89			
QP	1.239M	24.51	56.00	-31.49	19.56	Line	-	4.95	9.67	0.09	9.80			
AV	1.239M	13.85	46.00	-32.15	19.56	Line	-	-5.71	9.67	0.09	9.80			
QP	29.263M	23.07	60.00	-36.93	19.78	Line	-	3.29	9.54	0.34	9.90			
AV	29.263M	16.95	50.00	-33.05	19.78	Line	-	-2.83	9.54	0.34	9.90			

Conducted Emissions at Powerline_Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)
QP	169.76k	32.95	64.97	-32.02	19.63	Neutral	-	13.32	9.69	0.04	9.90
AV	169.76k	22.30	54.97	-32.67	19.63	Neutral	-	2.67	9.69	0.04	9.90
QP	280.727k	27.65	60.80	-33.15	19.63	Neutral	-	8.02	9.68	0.05	9.90
AV	280.727k	19.41	50.80	-31.39	19.63	Neutral	-	-0.22	9.68	0.05	9.90
QP	456.875k	33.20	56.75	-23.55	19.62	Neutral	-	13.58	9.67	0.06	9.89
AV	456.875k	23.35	46.75	-23.40	19.62	Neutral	-	3.73	9.67	0.06	9.89
QP	1.032M	26.77	56.00	-29.23	19.55	Neutral	-	7.22	9.67	0.08	9.80
AV	1.032M	16.77	46.00	-29.23	19.55	Neutral	-	-2.78	9.67	0.08	9.80
QP	2.959M	28.18	56.00	-27.82	19.67	Neutral	-	8.51	9.69	0.12	9.86
AV	2.959M	17.37	46.00	-28.63	19.67	Neutral	-	-2.30	9.69	0.12	9.86
QP	29.147M	22.40	60.00	-37.60	19.94	Neutral	-	2.46	9.70	0.34	9.90
AV	29.147M	16.99	50.00	-33.01	19.94	Neutral	-	-2.95	9.70	0.34	9.90



Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11b_Nss1,(1Mbps)_4TX	9.075M	14.393M	14M4G1D	9.025M	13.293M
802.11g_Nss1,(6Mbps)_4TX	15.45M	16.517M	16M5D1D	14.35M	16.392M
VHT20_Nss1,(MCS0)_4TX	15.675M	18.216M	18M2D1D	15.05M	17.516M
VHT40_Nss1,(MCS0)_4TX	35.1M	36.082M	36M1D1D	33.8M	35.932M

Max-N dB = Maximum 6dB down bandwidth; Max-OBW = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth; Min-OBW = Minimum 99% occupied bandwidth



Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	9.075M	14.393M	9.05M	13.643M	9.075M	13.668M	9.05M	13.493M
2437MHz	Pass	500k	9.05M	13.543M	9.05M	13.293M	9.025M	13.293M	9.05M	13.293M
2462MHz	Pass	500k	9.05M	13.543M	9.05M	13.343M	9.05M	13.318M	9.05M	13.318M
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	15.05M	16.417M	15.025M	16.442M	14.975M	16.442M	15.025M	16.442M
2437MHz	Pass	500k	15.1M	16.517M	15.1M	16.467M	15.45M	16.392M	15.075M	16.467M
2462MHz	Pass	500k	15.1M	16.417M	14.35M	16.417M	15.025M	16.417M	15.025M	16.442M
VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	15.125M	17.591M	15.1M	17.591M	15.675M	17.541M	15.1M	17.566M
2437MHz	Pass	500k	15.1M	18.216M	15.675M	17.941M	15.1M	17.841M	15.05M	17.766M
2462MHz	Pass	500k	15.1M	17.591M	15.1M	17.591M	15.1M	17.516M	15.125M	17.541M
VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	500k	33.8M	36.032M	35.1M	35.932M	33.8M	35.982M	35.05M	36.032M
2437MHz	Pass	500k	35.1M	35.932M	35.05M	36.082M	35.05M	36.032M	35M	35.982M
2452MHz	Pass	500k	35.05M	35.932M	35.05M	36.082M	35.05M	36.032M	35.05M	35.982M

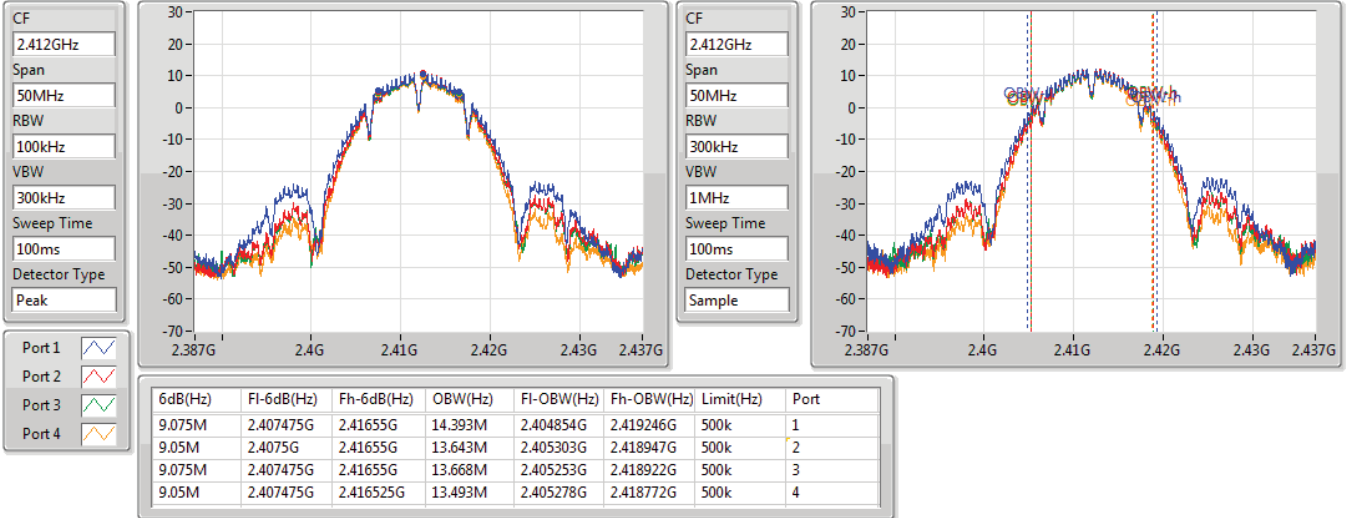
Port X-N dB = Port X 6dB down bandwidth;
 Port X-OBW = Port X 99% occupied bandwidth

802.11b_Nss1,(1Mbps)_4TX

EBW

2412MHz

06/08/2021

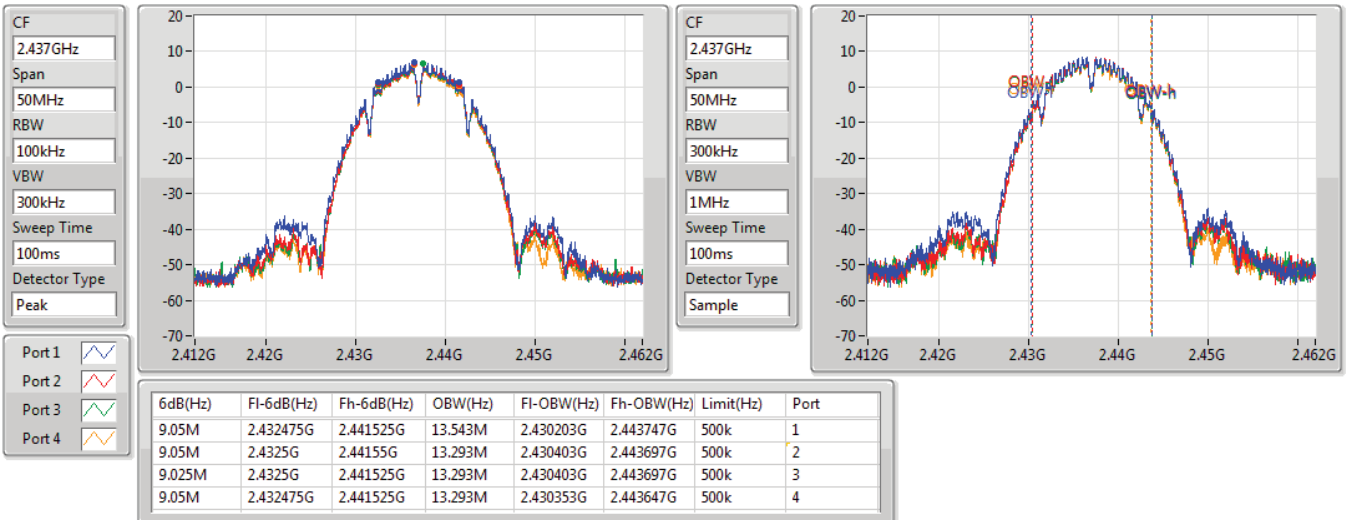


802.11b_Nss1,(1Mbps)_4TX

EBW

2437MHz

06/08/2021

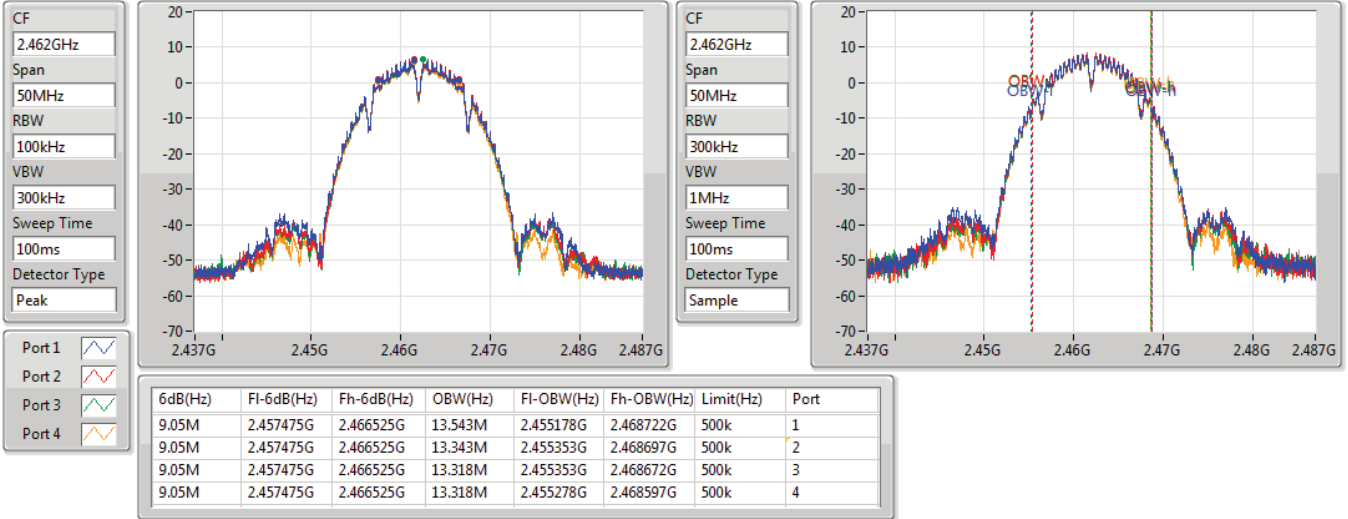


802.11b_Nss1,(1Mbps)_4TX

EBW

2462MHz

31/08/2021

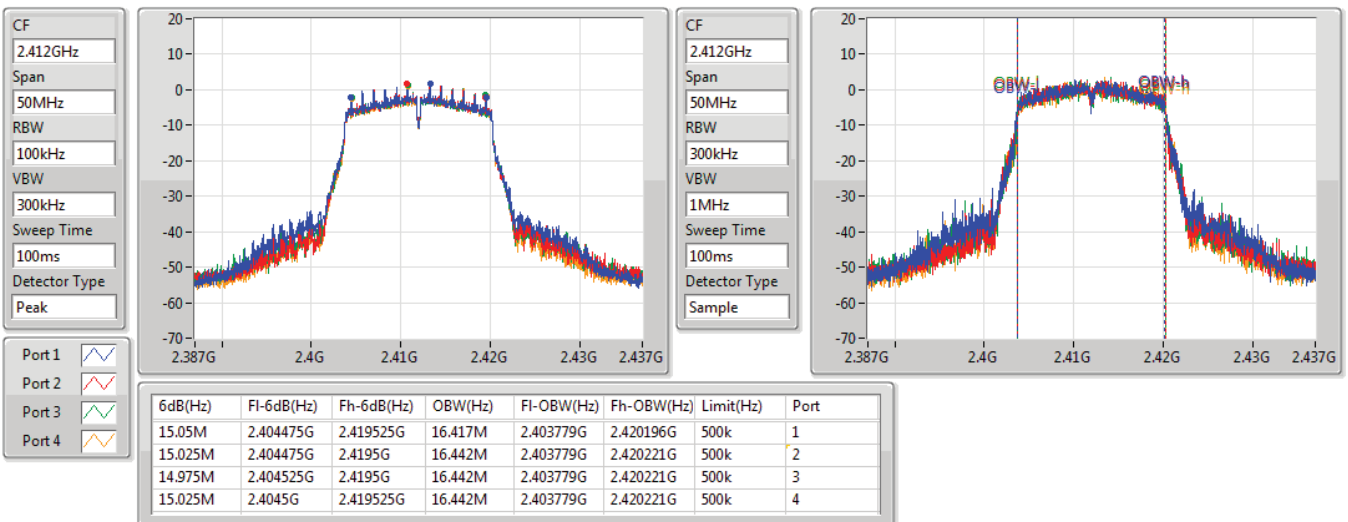


802.11g_Nss1,(6Mbps)_4TX

EBW

2412MHz

06/08/2021



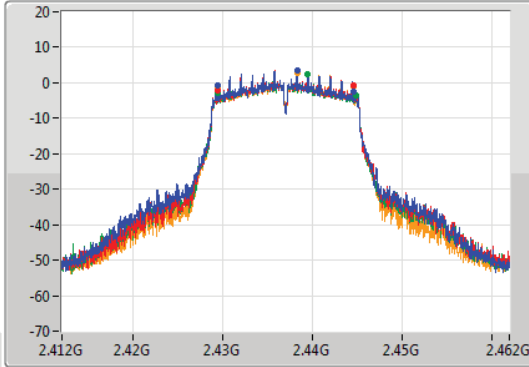
802.11g_Nss1,(6Mbps)_4TX

EBW

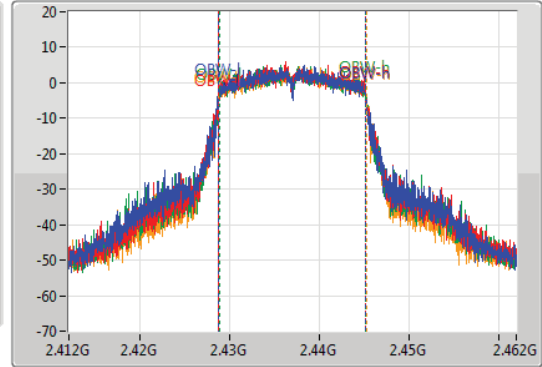
2437MHz

06/08/2021

CF
2.437GHz
Span
50MHz
RBW
100kHz
VBW
300kHz
Sweep Time
100ms
Detector Type
Peak



CF
2.437GHz
Span
50MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Sample



Port 1
Port 2
Port 3
Port 4

6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.1M	2.429475G	2.444575G	16.517M	2.428679G	2.445196G	500k	1
15.1M	2.42945G	2.44455G	16.467M	2.428729G	2.445196G	500k	2
15.45M	2.429425G	2.444875G	16.392M	2.428804G	2.445196G	500k	3
15.075M	2.429475G	2.44455G	16.467M	2.428754G	2.445221G	500k	4

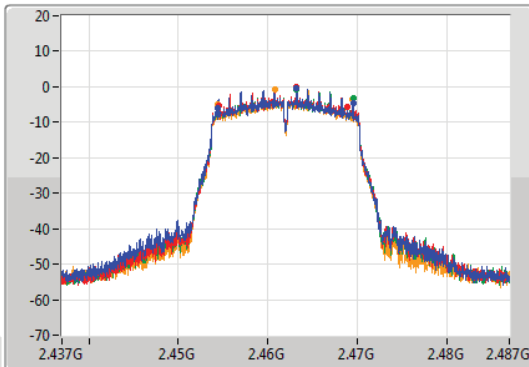
802.11g_Nss1,(6Mbps)_4TX

EBW

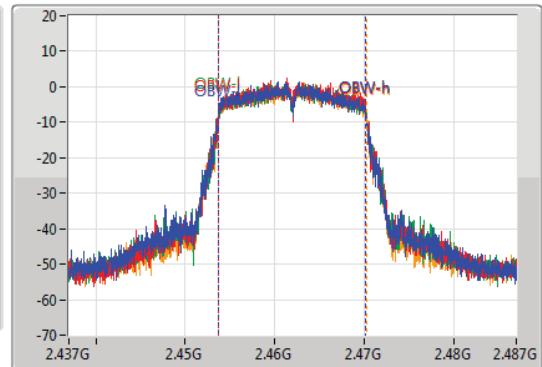
2462MHz

06/08/2021

CF
2.462GHz
Span
50MHz
RBW
100kHz
VBW
300kHz
Sweep Time
100ms
Detector Type
Peak



CF
2.462GHz
Span
50MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Sample



Port 1
Port 2
Port 3
Port 4

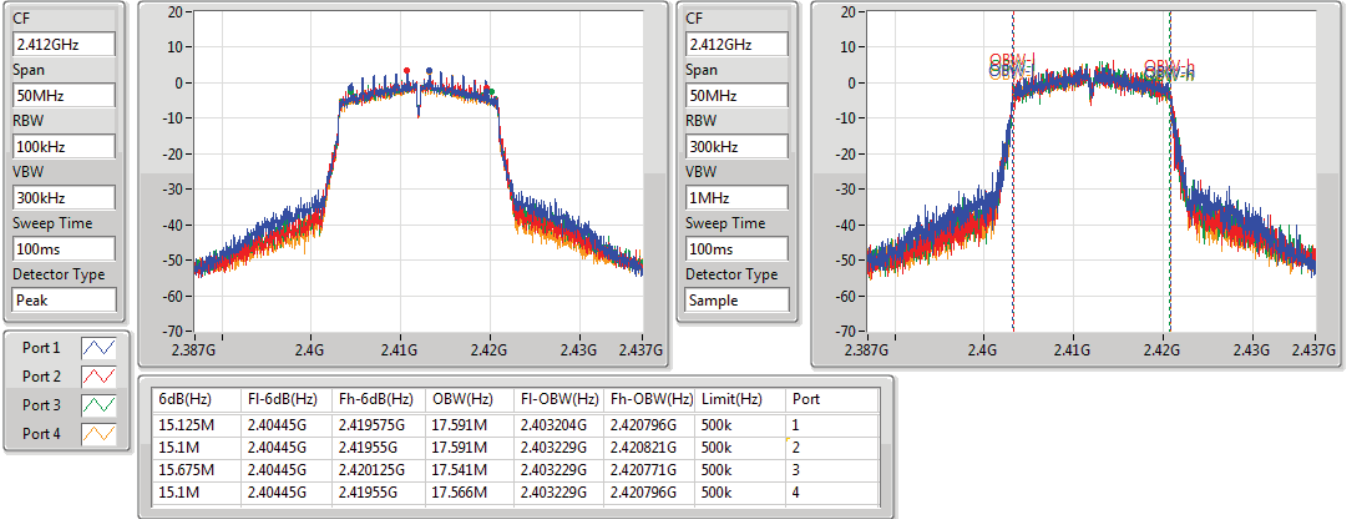
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.1M	2.45445G	2.46955G	16.417M	2.453754G	2.470171G	500k	1
14.35M	2.45455G	2.4689G	16.417M	2.453779G	2.470196G	500k	2
15.025M	2.4545G	2.469525G	16.417M	2.453779G	2.470196G	500k	3
15.025M	2.454475G	2.4695G	16.442M	2.453779G	2.470221G	500k	4

VHT20_Nss1,(MCS0)_4TX

EBW

2412MHz

06/08/2021

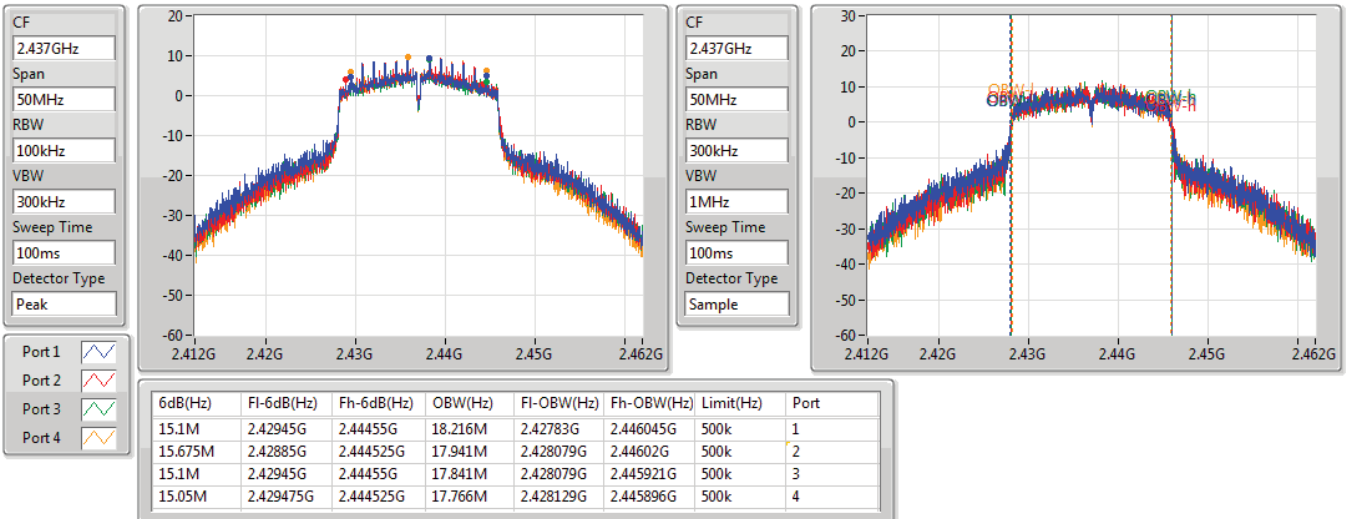


VHT20_Nss1,(MCS0)_4TX

EBW

2437MHz

06/08/2021

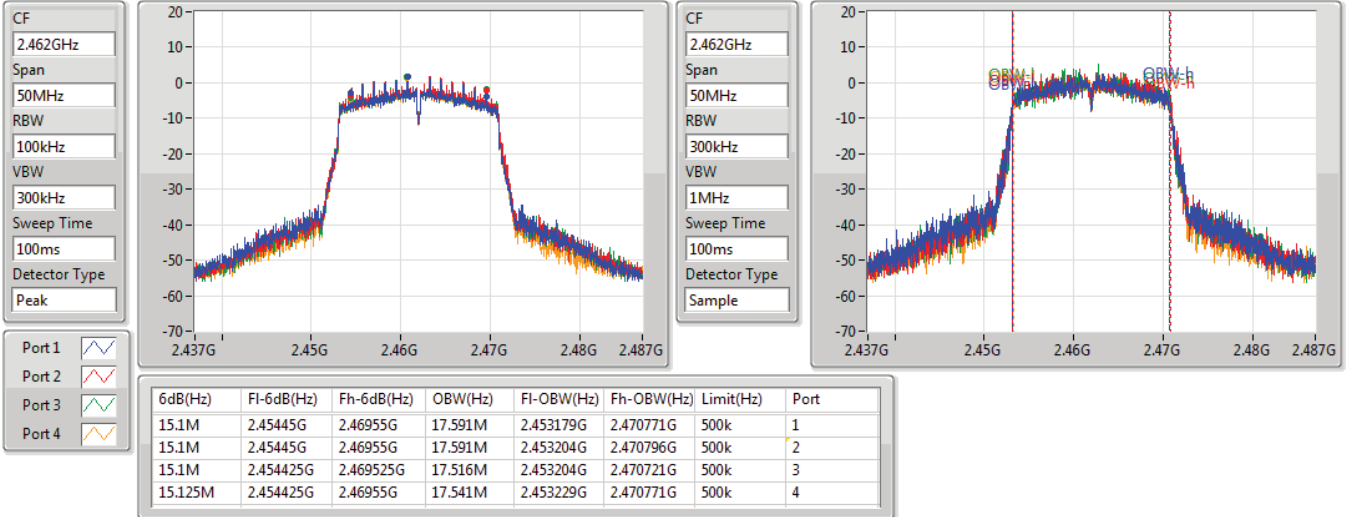


VHT20_Nss1,(MCS0)_4TX

EBW

2462MHz

06/08/2021

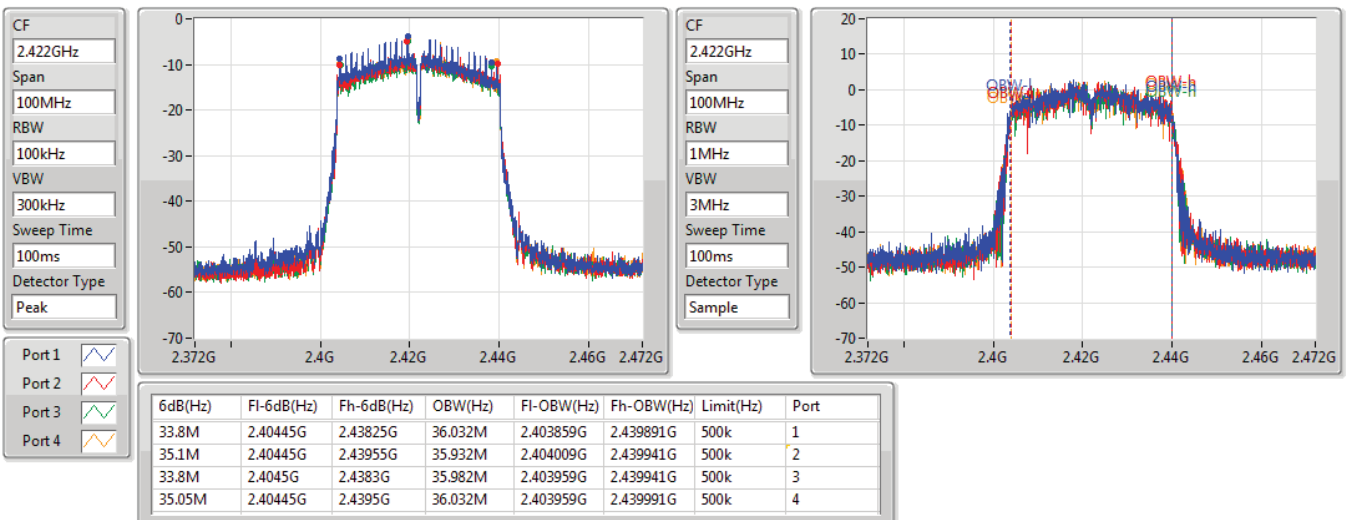


VHT40_Nss1,(MCS0)_4TX

EBW

2422MHz

06/08/2021



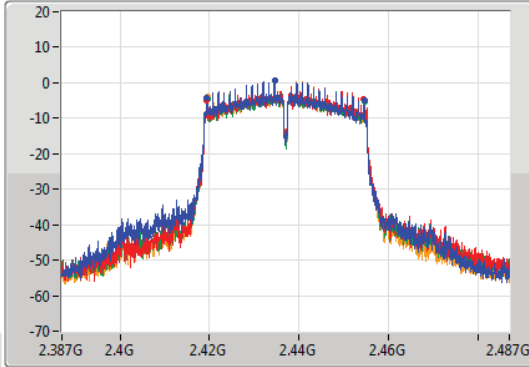
VHT40_Nss1,(MCS0)_4TX

EBW

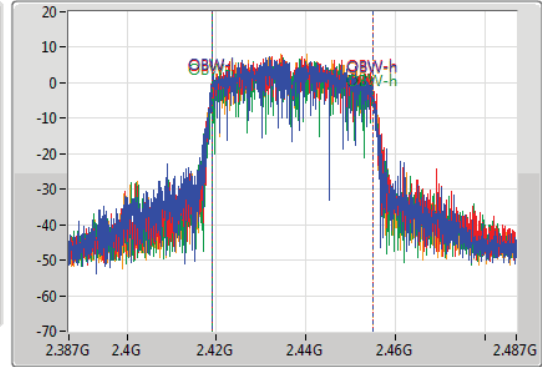
2437MHz

06/08/2021

CF
2.437GHz
Span
100MHz
RBW
100kHz
VBW
300kHz
Sweep Time
100ms
Detector Type
Peak



CF
2.437GHz
Span
100MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Sample



Port 1
Port 2
Port 3
Port 4

6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.1M	2.41945G	2.45455G	35.932M	2.418909G	2.454841G	500k	1
35.05M	2.41945G	2.4545G	36.082M	2.418909G	2.454991G	500k	2
35.05M	2.4195G	2.45455G	36.032M	2.419009G	2.455041G	500k	3
35M	2.4195G	2.4545G	35.982M	2.418959G	2.454941G	500k	4

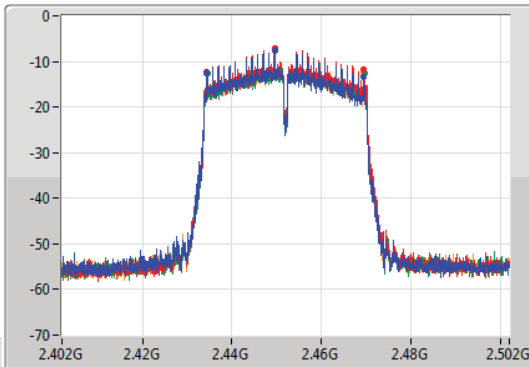
VHT40_Nss1,(MCS0)_4TX

EBW

2452MHz

06/08/2021

CF
2.452GHz
Span
100MHz
RBW
100kHz
VBW
300kHz
Sweep Time
100ms
Detector Type
Peak



CF
2.452GHz
Span
100MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Sample



Port 1
Port 2
Port 3
Port 4

6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.05M	2.43445G	2.4695G	35.932M	2.433959G	2.469891G	500k	1
35.05M	2.43445G	2.4695G	36.082M	2.433959G	2.470041G	500k	2
35.05M	2.4345G	2.46955G	36.032M	2.433909G	2.469941G	500k	3
35.05M	2.43445G	2.4695G	35.982M	2.433909G	2.469891G	500k	4



Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_4TX	23.80	0.23988
802.11g_Nss1,(6Mbps)_4TX	20.11	0.10257
VHT20_Nss1,(MCS0)_4TX	25.49	0.35400
VHT40_Nss1,(MCS0)_4TX	18.87	0.07709



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	5.20	16.02	16.12	15.62	15.17	21.77	30.00
2417MHz	Pass	5.20	15.69	15.56	15.14	14.65	21.30	30.00
2437MHz	Pass	5.20	16.51	16.41	16.13	15.84	22.25	30.00
2457MHz	Pass	5.20	18.30	17.67	17.81	17.29	23.80	30.00
2462MHz	Pass	5.20	16.14	16.58	16.22	15.66	22.18	30.00
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	5.20	11.91	11.68	11.64	11.21	17.64	30.00
2417MHz	Pass	5.20	13.84	13.96	13.68	13.53	19.78	30.00
2437MHz	Pass	5.20	13.89	14.15	13.80	13.57	19.88	30.00
2457MHz	Pass	5.20	14.32	14.01	13.97	14.04	20.11	30.00
2462MHz	Pass	5.20	10.16	10.61	10.33	10.09	16.32	30.00
VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	5.20	13.52	13.56	13.43	13.26	19.46	30.00
2417MHz	Pass	5.20	15.37	15.61	15.15	15.20	21.36	30.00
2437MHz	Pass	5.20	19.54	19.66	19.29	19.38	25.49	30.00
2457MHz	Pass	5.20	14.83	14.58	14.43	14.68	20.65	30.00
2462MHz	Pass	5.20	11.65	11.94	11.77	11.47	17.73	30.00
VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	5.20	8.27	7.82	7.37	8.04	13.91	30.00
2427MHz	Pass	5.20	10.79	10.47	10.36	10.27	16.50	30.00
2437MHz	Pass	5.20	13.08	12.68	12.76	12.87	18.87	30.00
2447MHz	Pass	5.20	5.09	5.58	5.29	5.23	11.32	30.00
2452MHz	Pass	5.20	4.67	5.20	4.87	4.81	10.91	30.00

DG = Directional Gain; Port X = Port X output power



Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
VHT20-BF_Nss1,(MCS0)_4TX	19.47	0.08851
VHT40-BF_Nss1,(MCS0)_4TX	12.85	0.01928



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	11.22	7.50	7.54	7.41	7.24	13.44	24.78
2417MHz	Pass	11.22	9.35	9.59	9.13	9.18	15.34	24.78
2437MHz	Pass	11.22	13.52	13.64	13.27	13.36	19.47	24.78
2457MHz	Pass	11.22	8.81	8.56	8.41	8.66	14.63	24.78
2462MHz	Pass	11.22	5.63	5.92	5.75	5.45	11.71	24.78
VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	11.22	2.25	1.80	1.35	2.02	7.89	24.78
2427MHz	Pass	11.22	4.77	4.45	4.34	4.25	10.48	24.78
2437MHz	Pass	11.22	7.06	6.66	6.74	6.85	12.85	24.78
2447MHz	Pass	11.22	-0.93	-0.44	-0.73	-0.79	5.30	24.78
2452MHz	Pass	11.22	-1.35	-0.82	-1.15	-1.21	4.89	24.78

DG = Directional Gain; Port X = Port X output power



Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_4TX	-5.88
802.11g_Nss1,(6Mbps)_4TX	-8.71
VHT20_Nss1,(MCS0)_4TX	-2.26
VHT40_Nss1,(MCS0)_4TX	-13.37

RBW = 3kHz:



Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	11.22	-6.68	-9.71	-11.96	-10.88	-5.89	2.78
2437MHz	Pass	11.22	-8.29	-10.44	-9.32	-5.91	-5.88	2.78
2462MHz	Pass	11.22	-8.27	-9.28	-9.77	-6.66	-5.92	2.78
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	11.22	-14.84	-15.57	-15.72	-15.98	-11.32	2.78
2437MHz	Pass	11.22	-12.93	-13.16	-13.90	-13.76	-8.71	2.78
2462MHz	Pass	11.22	-18.08	-17.14	-16.39	-16.54	-12.55	2.78
VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	11.22	-13.42	-13.15	-14.19	-14.06	-9.44	2.78
2437MHz	Pass	11.22	-8.05	-6.94	-7.23	-5.22	-2.26	2.78
2462MHz	Pass	11.22	-15.65	-14.83	-15.29	-14.72	-9.77	2.78
VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	11.22	-20.47	-21.43	-21.53	-20.99	-16.23	2.78
2437MHz	Pass	11.22	-15.78	-16.20	-16.56	-16.32	-13.37	2.78
2452MHz	Pass	11.22	-23.68	-23.82	-24.33	-24.37	-19.52	2.78

DG = Directional Gain; RBW = 3kHz;

PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

802.11b_Nss1,(1Mbps)_4TX

PSD

2412MHz

06/08/2021

CF
2.412GHz

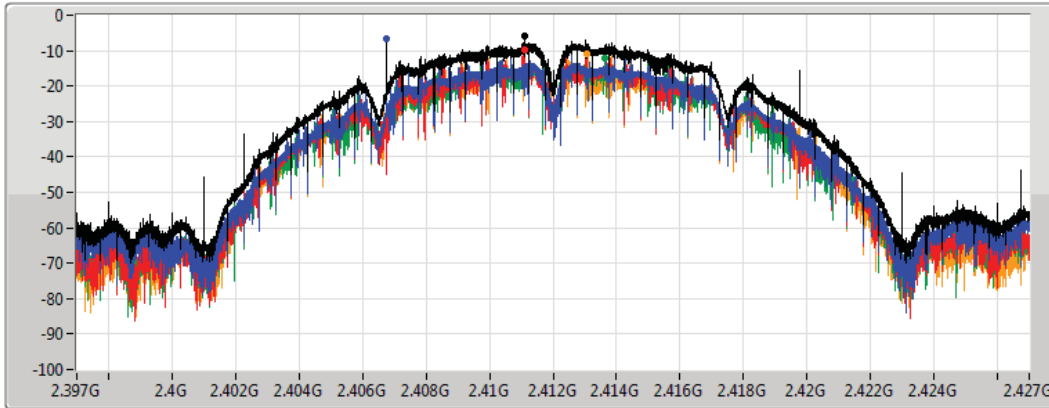
Span
30MHz


RBW
3kHz


VBW
10kHz


Sweep Time
334ms


Detector Type
Peak




Sum 

Port 1 

Port 2 

Port 3 

Port 4 

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.89	-5.89	-6.68	-9.71	-11.96	-10.88

802.11b_Nss1,(1Mbps)_4TX

PSD

2437MHz

06/08/2021

CF
2.437GHz

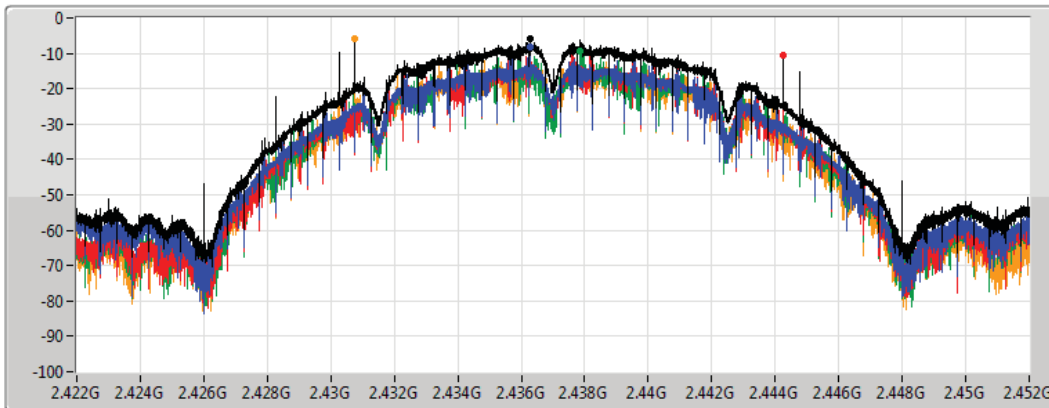
Span
30MHz


RBW
3kHz


VBW
10kHz


Sweep Time
334ms


Detector Type
Peak




Sum 

Port 1 

Port 2 

Port 3 

Port 4 

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.88	-5.88	-8.29	-10.44	-9.32	-5.91

802.11b_Nss1,(1Mbps)_4TX

PSD

2462MHz

31/08/2021

CF
2.462GHz

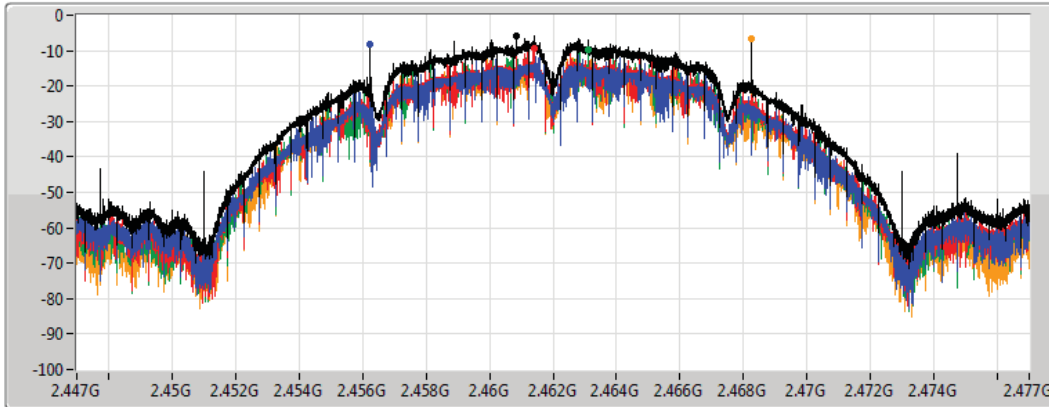
Span
30MHz

RBW
3kHz

VBW
10kHz

Sweep Time
334ms

Detector Type
Peak



Sum

Port 1

Port 2

Port 3

Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.92	-5.92	-8.27	-9.28	-9.77	-6.66

802.11g_Nss1,(6Mbps)_4TX

PSD

2412MHz

06/08/2021

CF
2.412GHz

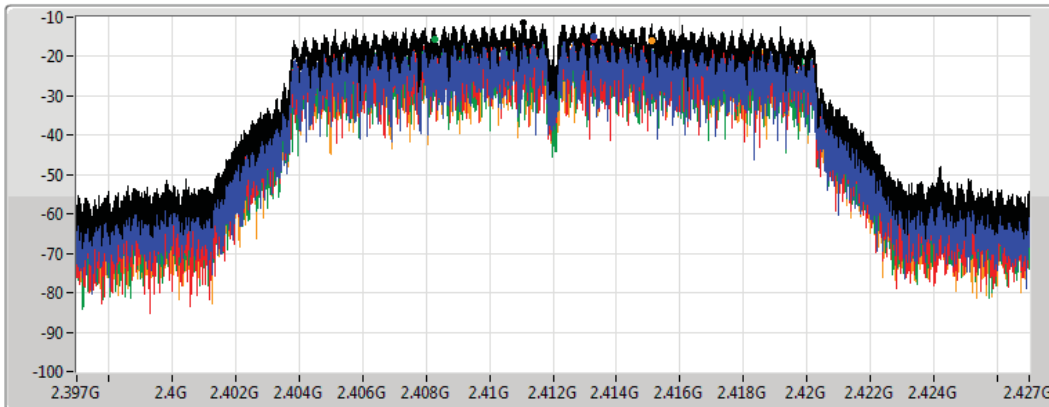
Span
30MHz

RBW
3kHz

VBW
10kHz

Sweep Time
334ms

Detector Type
Peak



Sum

Port 1

Port 2

Port 3

Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-11.32	-11.32	-14.84	-15.57	-15.72	-15.98

802.11g_Nss1,(6Mbps)_4TX

PSD

2437MHz

06/08/2021

CF
2.437GHz

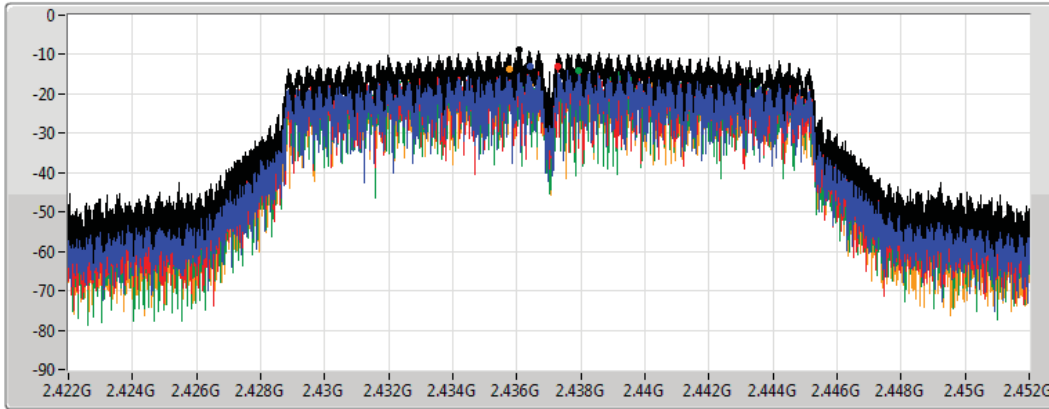
Span
30MHz

RBW
3kHz

VBW
10kHz

Sweep Time
334ms

Detector Type
Peak



Sum

Port 1

Port 2

Port 3

Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.71	-8.71	-12.93	-13.16	-13.90	-13.76

802.11g_Nss1,(6Mbps)_4TX

PSD

2462MHz

06/08/2021

CF
2.462GHz

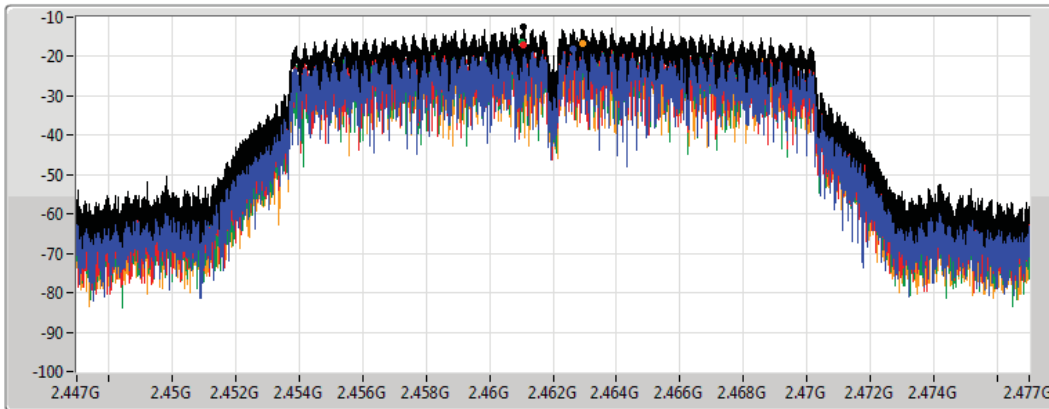
Span
30MHz

RBW
3kHz

VBW
10kHz

Sweep Time
334ms

Detector Type
Peak



Sum

Port 1

Port 2

Port 3

Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-12.55	-12.55	-18.08	-17.14	-16.39	-16.54

VHT20_Nss1,(MCS0)_4TX

PSD

2412MHz

06/08/2021

CF
2.412GHz

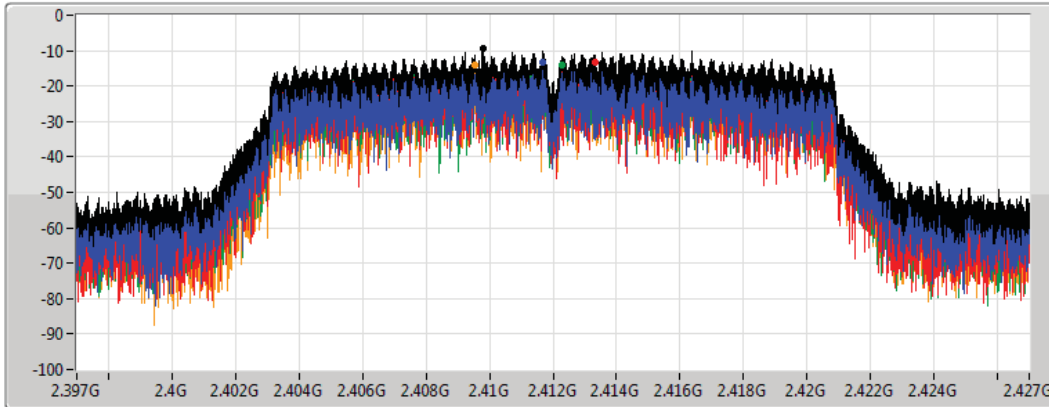
Span
30MHz


RBW
3kHz


VBW
10kHz


Sweep Time
334ms


Detector Type
Peak




Sum 

Port 1 

Port 2 

Port 3 

Port 4 

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.44	-9.44	-13.42	-13.15	-14.19	-14.06

VHT20_Nss1,(MCS0)_4TX

PSD

2437MHz

06/08/2021

CF
2.437GHz

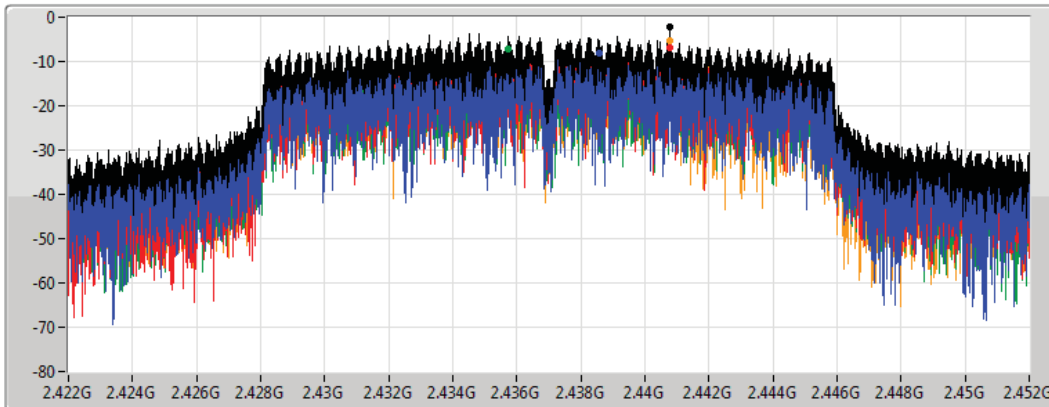
Span
30MHz


RBW
3kHz


VBW
10kHz


Sweep Time
334ms


Detector Type
Peak




Sum 

Port 1 

Port 2 

Port 3 

Port 4 

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.26	-2.26	-8.05	-6.94	-7.23	-5.22

VHT20_Nss1,(MCS0)_4TX

PSD

2462MHz

06/08/2021

CF
2.462GHz

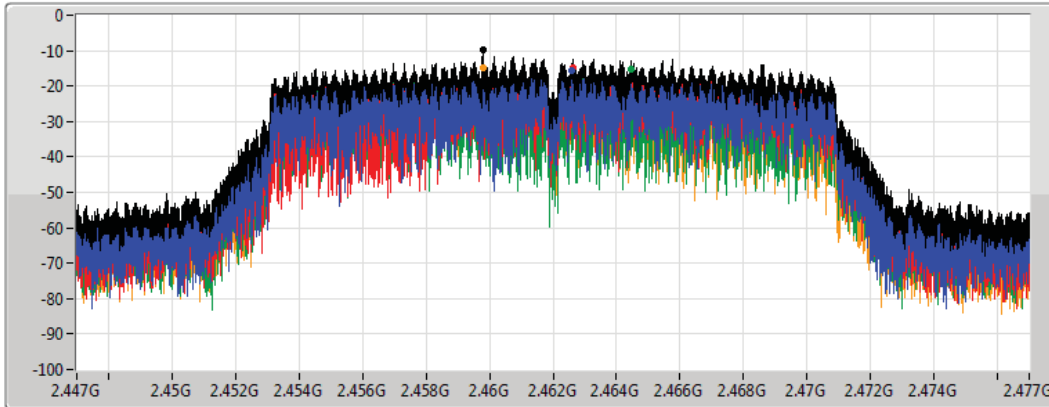
Span
30MHz

RBW
3kHz

VBW
10kHz

Sweep Time
334ms

Detector Type
Peak



Sum

Port 1

Port 2

Port 3

Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.77	-9.77	-15.65	-14.83	-15.29	-14.72

VHT40_Nss1,(MCS0)_4TX

PSD

2422MHz

06/08/2021

CF
2.422GHz

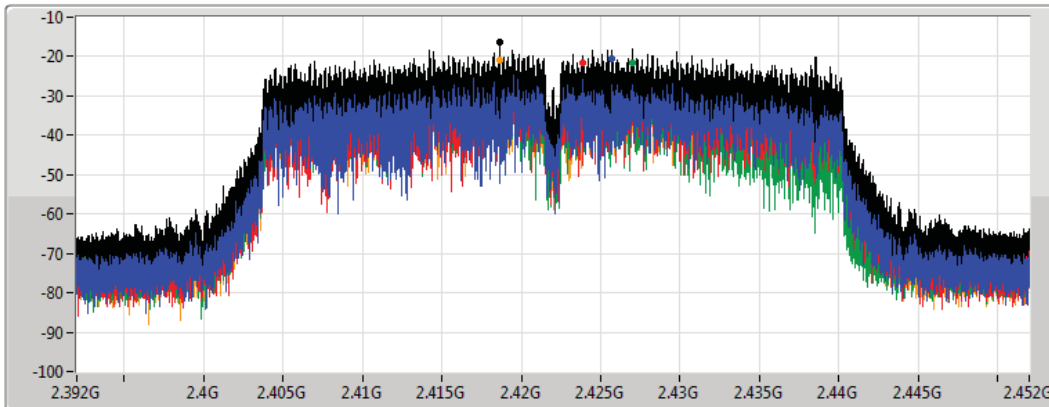
Span
60MHz

RBW
3kHz

VBW
10kHz

Sweep Time
667ms

Detector Type
Peak



Sum

Port 1

Port 2

Port 3

Port 4

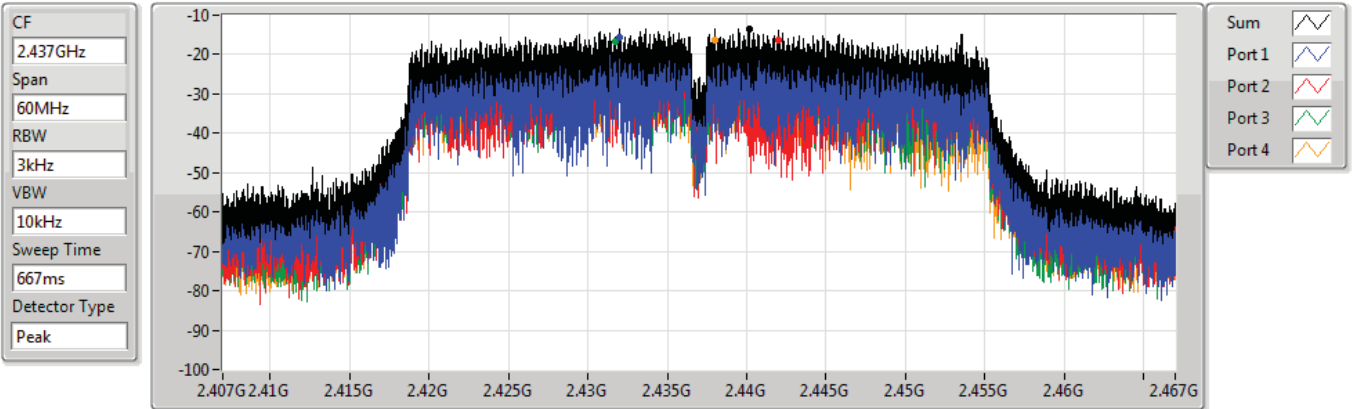
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-16.23	-16.23	-20.47	-21.43	-21.53	-20.99

VHT40_Nss1,(MCS0)_4TX

PSD

2437MHz

06/08/2021



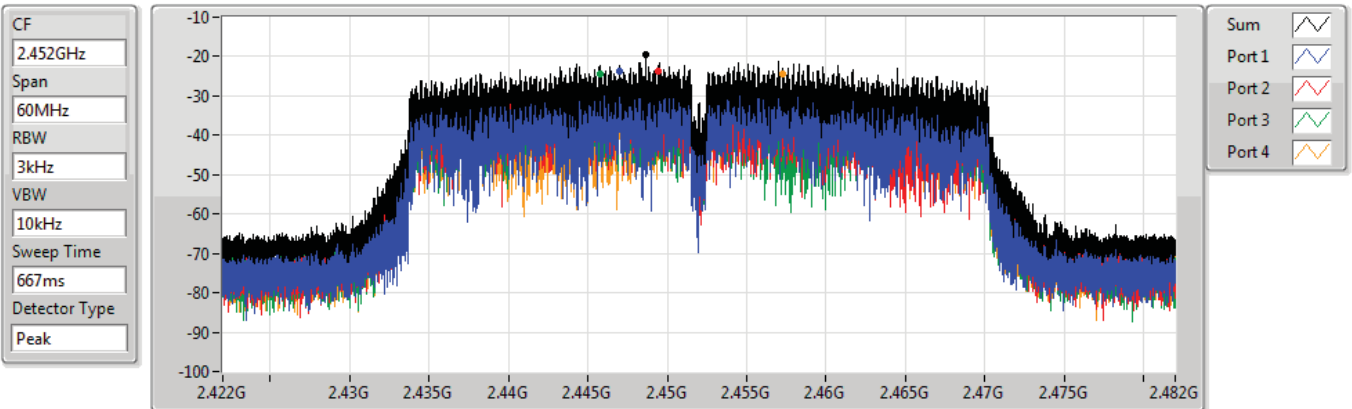
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-13.37	-13.37	-15.78	-16.20	-16.56	-16.32

VHT40_Nss1,(MCS0)_4TX

PSD

2452MHz

06/08/2021



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-19.52	-19.52	-23.68	-23.82	-24.33	-24.37



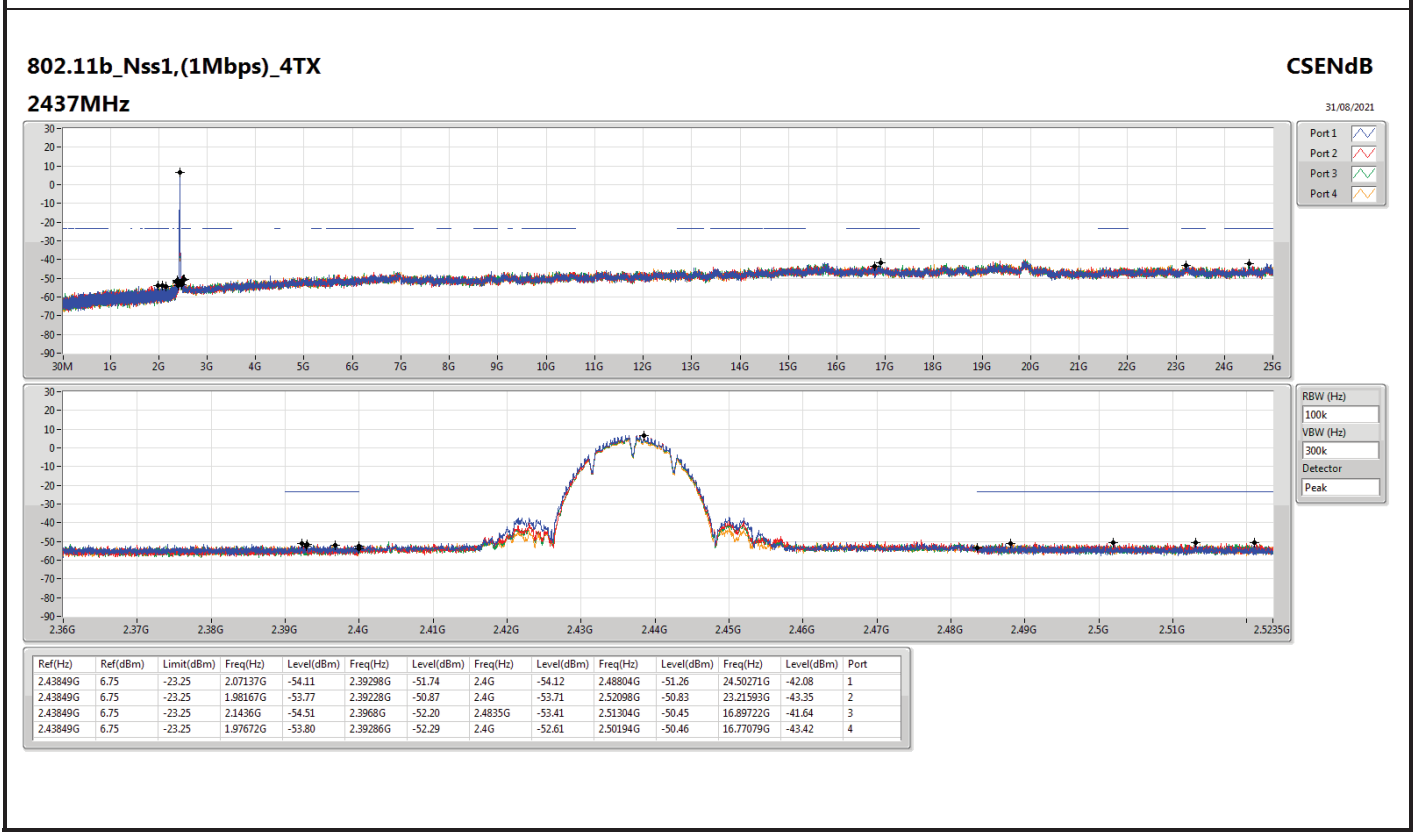
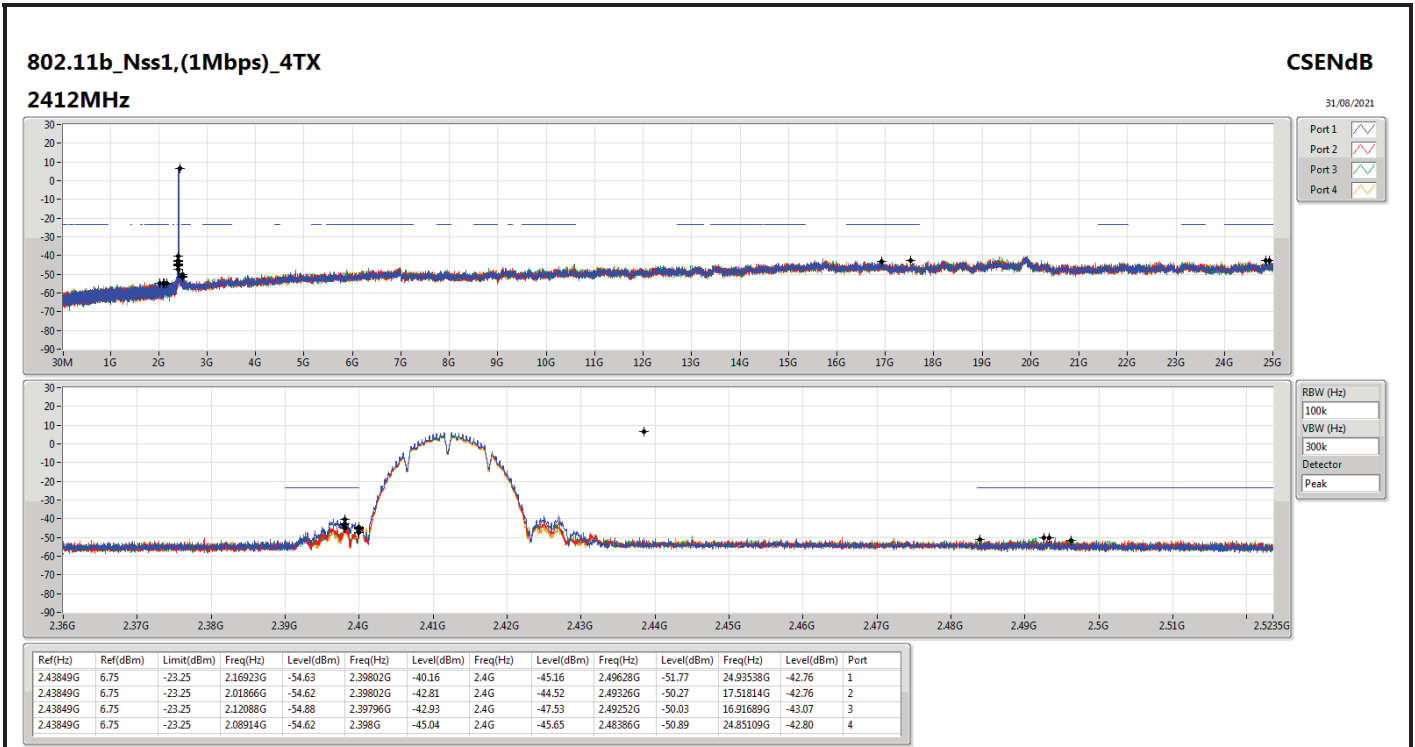
Summary

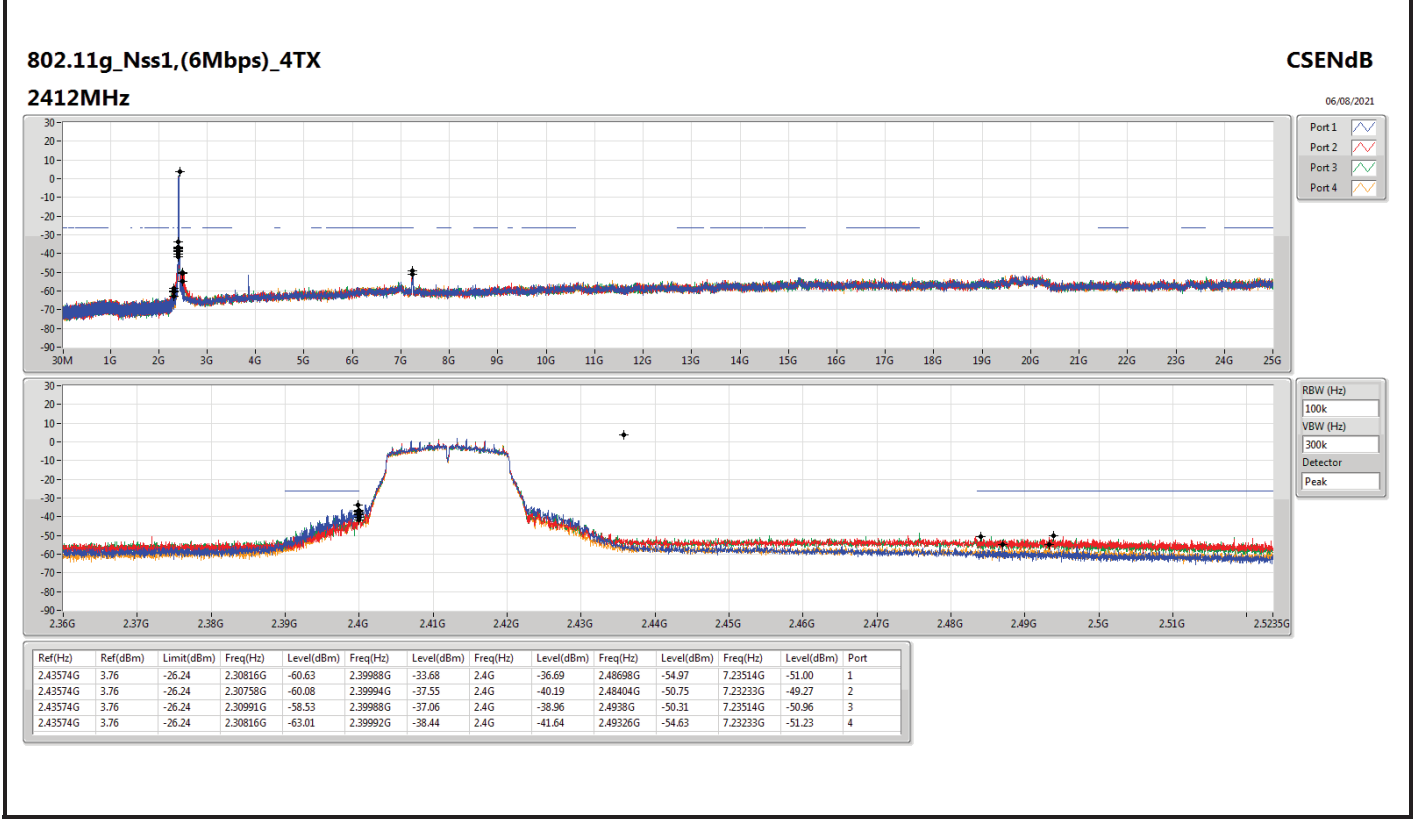
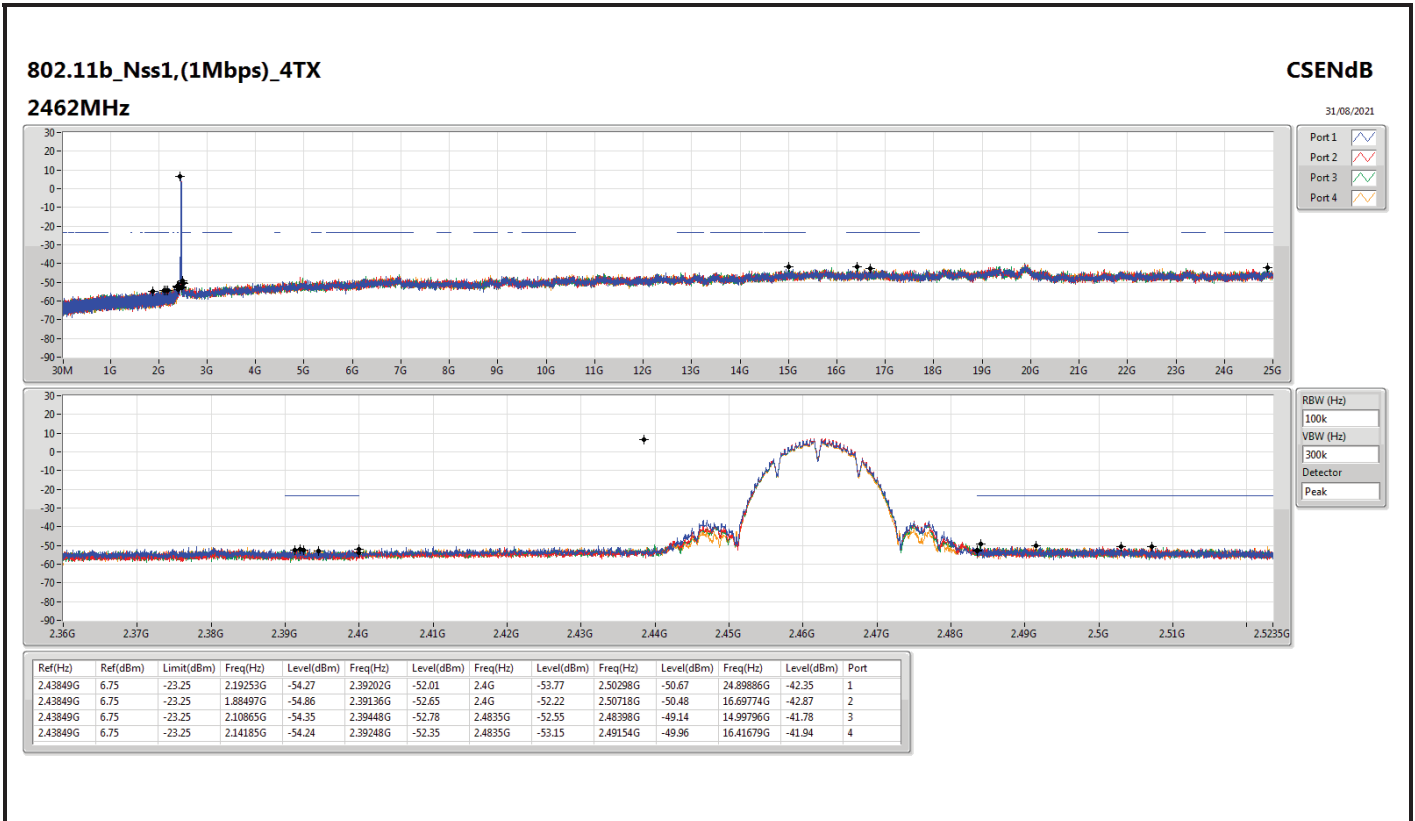
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_4TX	Pass	2.43849G	6.75	-23.25	2.16923G	-54.63	2.39802G	-40.16	2.4G	-45.16	2.49628G	-51.77	24.93538G	-42.76	1
802.11g_Nss1,(6Mbps)_4TX	Pass	2.43574G	3.76	-26.24	2.30816G	-60.63	2.39988G	-33.68	2.4G	-36.69	2.48698G	-54.97	7.23514G	-51.00	1
VHT20_Nss1,(MCS0)_4TX	Pass	2.43574G	9.75	-20.25	2.3067G	-62.27	2.3992G	-33.30	2.4G	-35.24	2.4895G	-55.23	7.23795G	-46.95	1
VHT40_Nss1,(MCS0)_4TX	Pass	2.43449G	0.98	-29.02	2.3097G	-59.83	2.39976G	-40.74	2.4G	-44.71	2.48946G	-52.02	15.20927G	-53.08	1

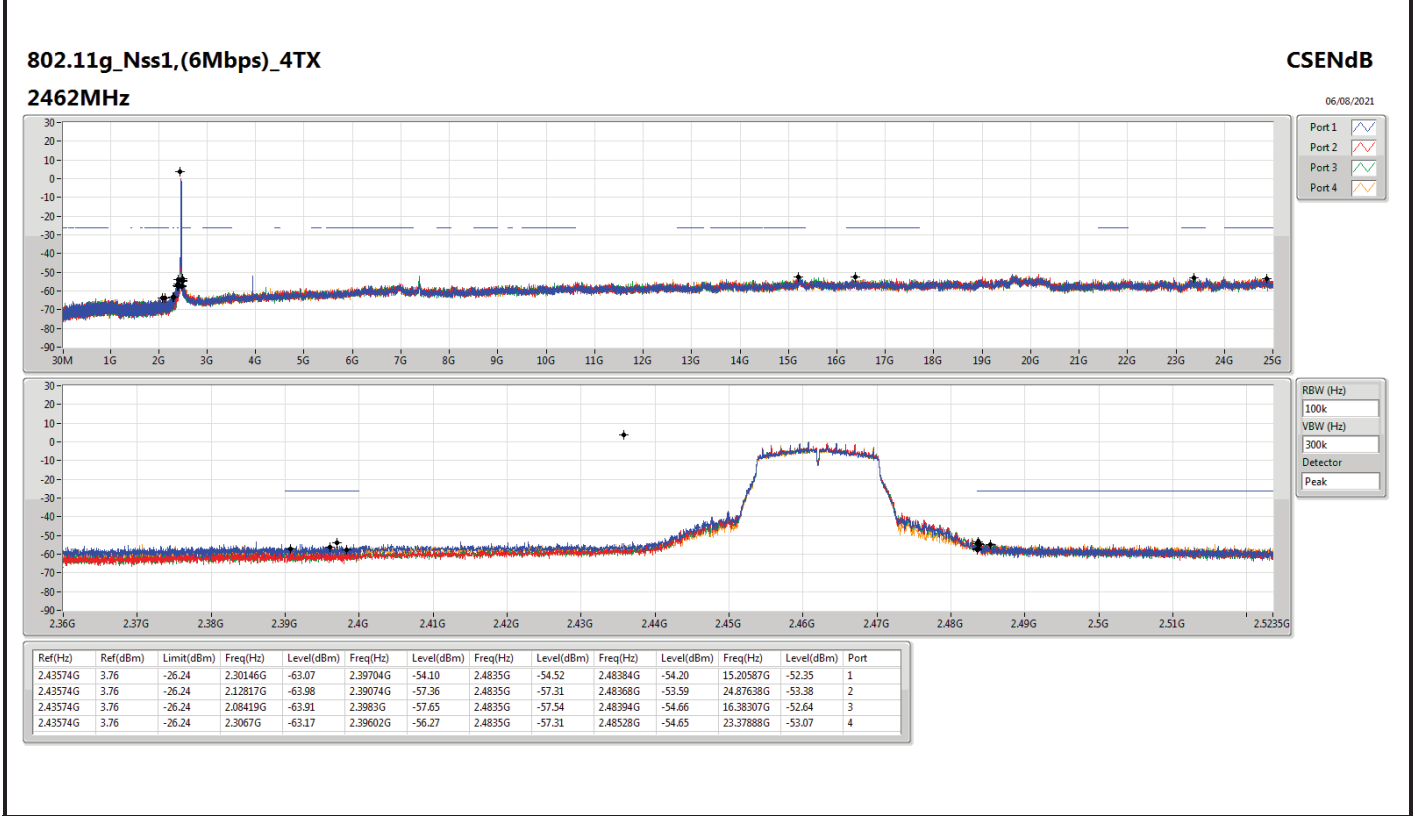
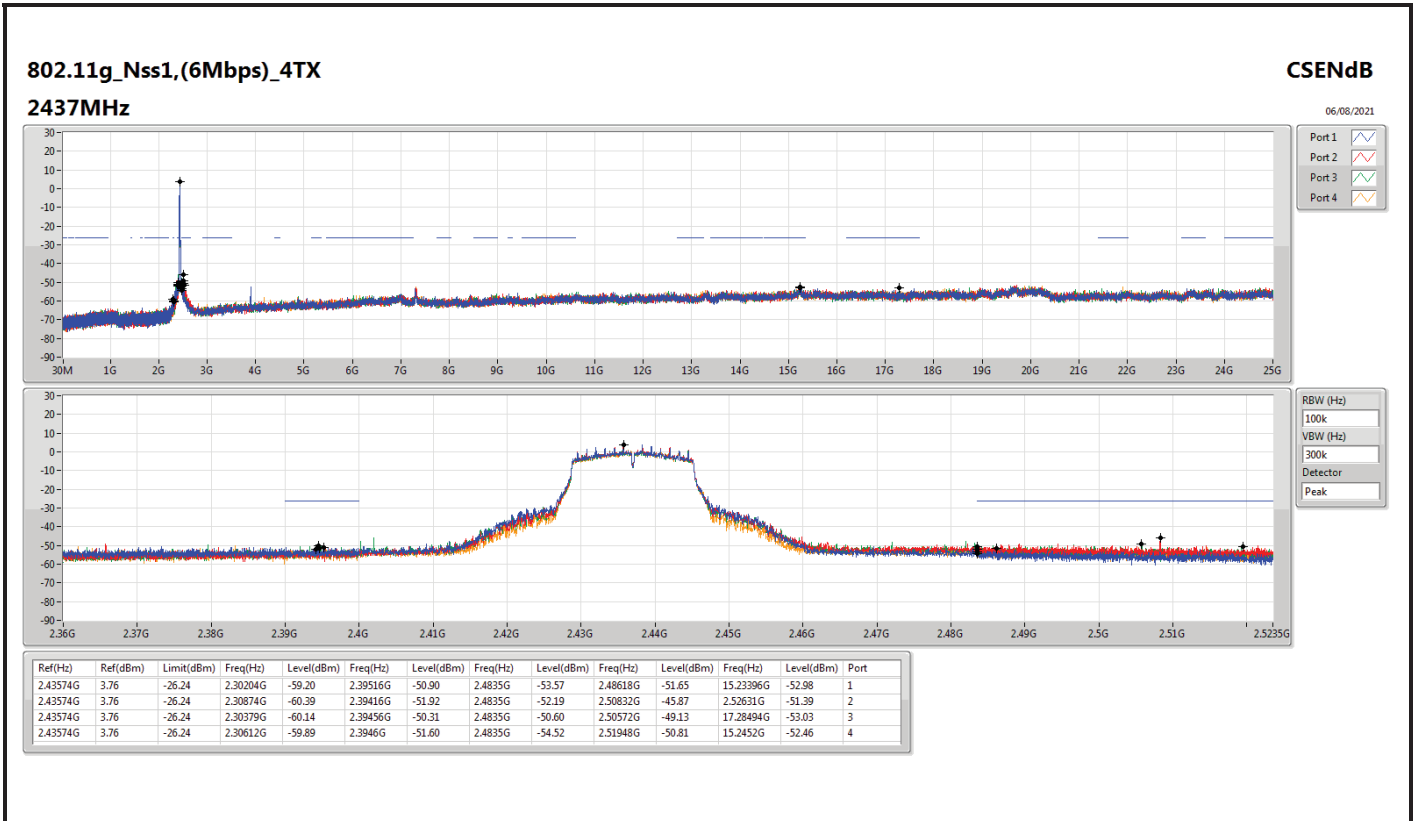


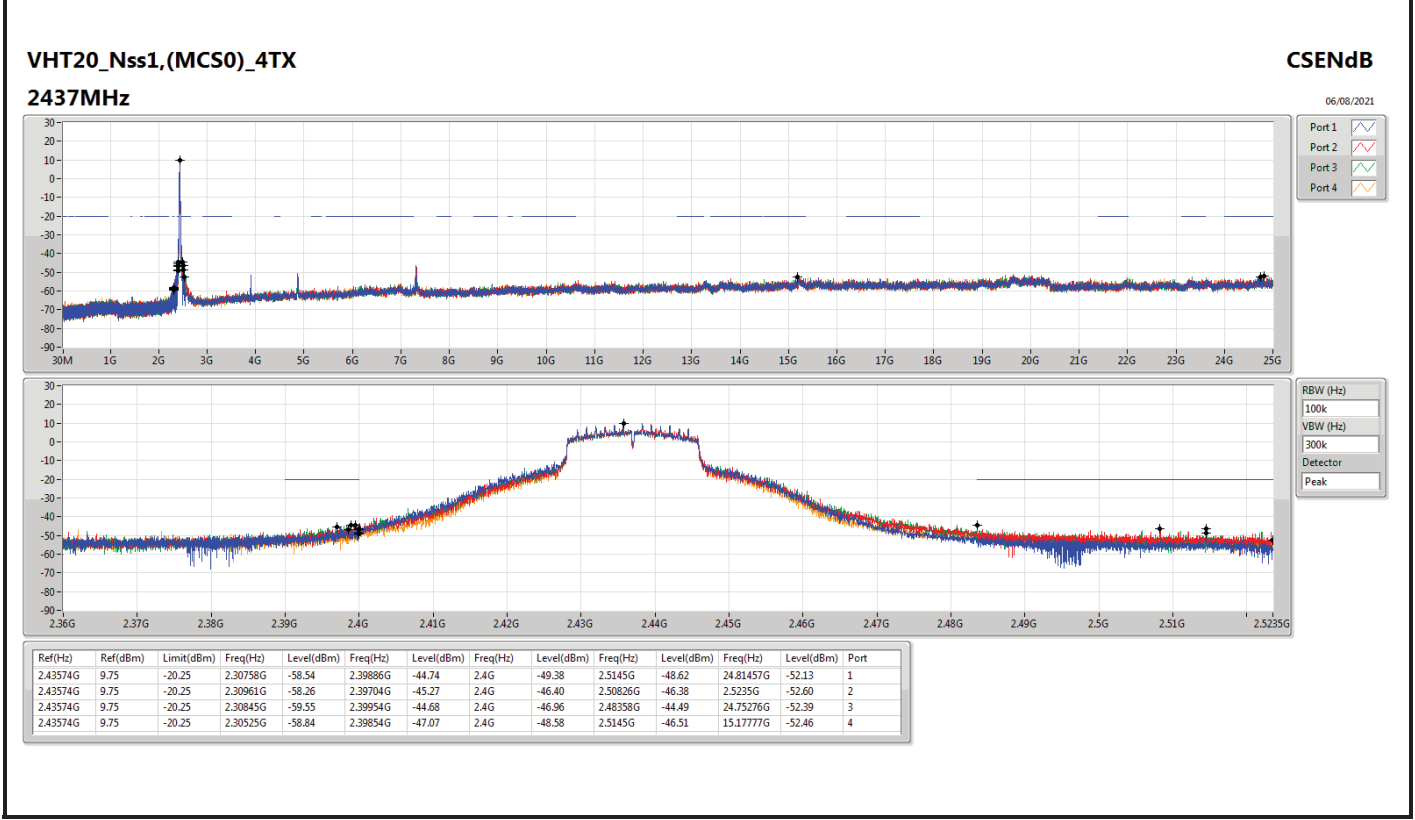
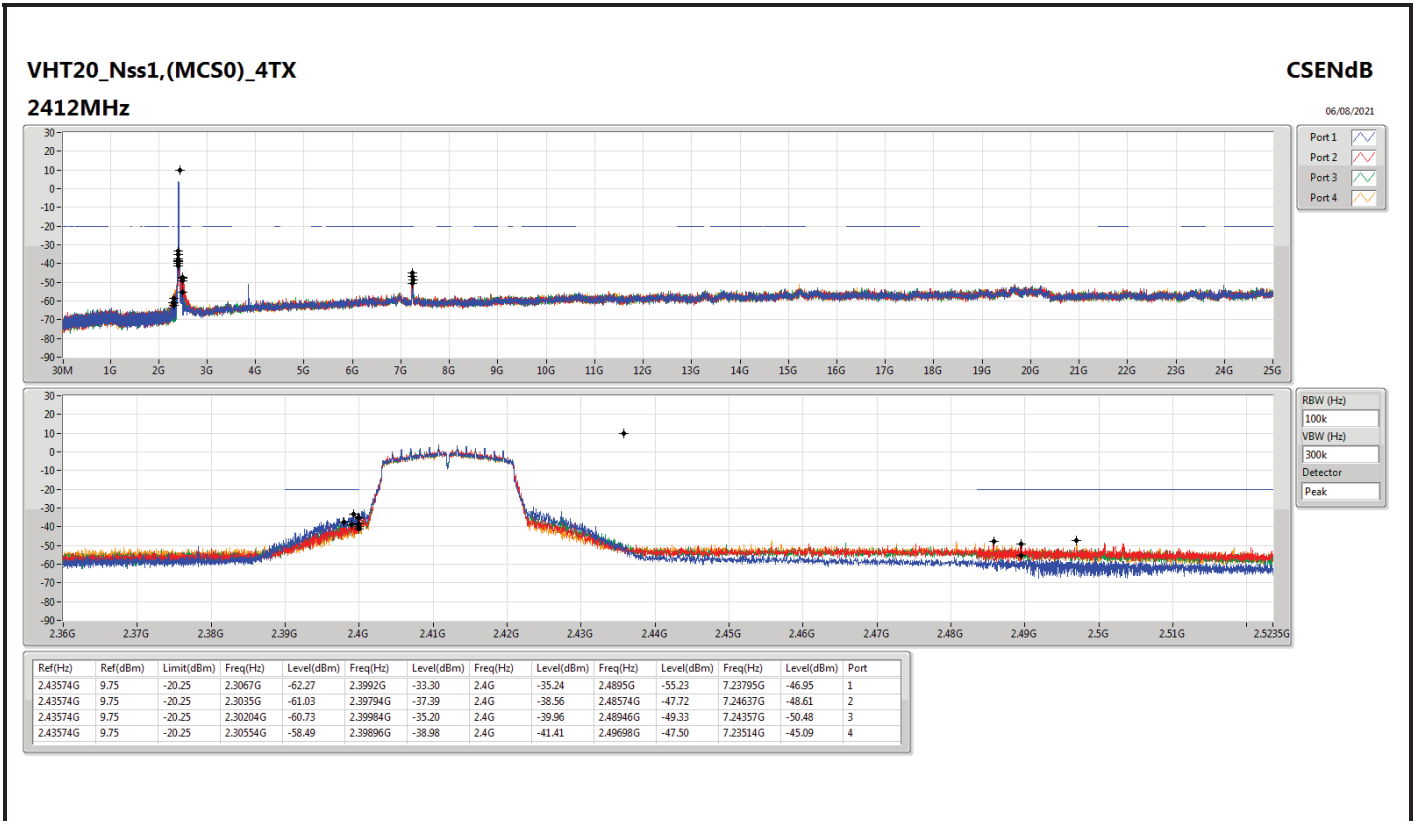
Result

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43849G	6.75	-23.25	2.16923G	-54.63	2.39802G	-40.16	2.4G	-45.16	2.49628G	-51.77	24.93538G	-42.76	1
2412MHz	Pass	2.43849G	6.75	-23.25	2.01866G	-54.62	2.39802G	-42.81	2.4G	-44.52	2.49326G	-50.27	17.51814G	-42.76	2
2412MHz	Pass	2.43849G	6.75	-23.25	2.12088G	-54.88	2.39796G	-42.93	2.4G	-47.53	2.49252G	-50.03	16.91689G	-43.07	3
2412MHz	Pass	2.43849G	6.75	-23.25	2.08914G	-54.62	2.398G	-45.04	2.4G	-45.65	2.48386G	-50.89	24.85109G	-42.80	4
2437MHz	Pass	2.43849G	6.75	-23.25	2.07137G	-54.11	2.39298G	-51.74	2.4G	-54.12	2.48804G	-51.26	24.50271G	-42.08	1
2437MHz	Pass	2.43849G	6.75	-23.25	1.98167G	-53.77	2.39228G	-50.87	2.4G	-53.71	2.52098G	-50.83	23.21593G	-43.35	2
2437MHz	Pass	2.43849G	6.75	-23.25	2.1436G	-54.51	2.3968G	-52.20	2.4835G	-53.41	2.51304G	-50.45	16.89722G	-41.64	3
2437MHz	Pass	2.43849G	6.75	-23.25	1.97672G	-53.80	2.39286G	-52.29	2.4G	-52.61	2.50194G	-50.46	16.77079G	-43.42	4
2462MHz	Pass	2.43849G	6.75	-23.25	2.19253G	-54.27	2.39202G	-52.01	2.4G	-53.77	2.50298G	-50.67	24.89886G	-42.35	1
2462MHz	Pass	2.43849G	6.75	-23.25	1.88497G	-54.86	2.39136G	-52.65	2.4G	-52.22	2.50718G	-50.48	16.69774G	-42.87	2
2462MHz	Pass	2.43849G	6.75	-23.25	2.10865G	-54.35	2.39448G	-52.78	2.4835G	-52.55	2.48398G	-49.14	14.99796G	-41.78	3
2462MHz	Pass	2.43849G	6.75	-23.25	2.14185G	-54.24	2.39248G	-52.35	2.4835G	-53.15	2.49154G	-49.96	16.41679G	-41.94	4
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43574G	3.76	-26.24	2.30816G	-60.63	2.39988G	-33.68	2.4G	-36.69	2.48698G	-54.97	7.23514G	-51.00	1
2412MHz	Pass	2.43574G	3.76	-26.24	2.30758G	-60.08	2.39994G	-37.55	2.4G	-40.19	2.48404G	-50.75	7.23233G	-49.27	2
2412MHz	Pass	2.43574G	3.76	-26.24	2.30991G	-58.53	2.39988G	-37.06	2.4G	-38.96	2.4938G	-50.31	7.23514G	-50.96	3
2412MHz	Pass	2.43574G	3.76	-26.24	2.30816G	-63.01	2.39992G	-38.44	2.4G	-41.64	2.49326G	-54.63	7.23233G	-51.23	4
2437MHz	Pass	2.43574G	3.76	-26.24	2.30204G	-59.20	2.39516G	-50.90	2.4835G	-53.57	2.48618G	-51.65	15.23396G	-52.98	1
2437MHz	Pass	2.43574G	3.76	-26.24	2.30874G	-60.39	2.39416G	-51.92	2.4835G	-52.19	2.50832G	-45.87	2.52631G	-51.39	2
2437MHz	Pass	2.43574G	3.76	-26.24	2.30379G	-60.14	2.39456G	-50.31	2.4835G	-50.60	2.50572G	-49.13	17.28494G	-53.03	3
2437MHz	Pass	2.43574G	3.76	-26.24	2.30612G	-59.89	2.3946G	-51.60	2.4835G	-54.52	2.51948G	-50.81	15.2452G	-52.46	4
2462MHz	Pass	2.43574G	3.76	-26.24	2.30146G	-63.07	2.39704G	-54.10	2.4835G	-54.52	2.48384G	-54.20	15.20587G	-52.35	1
2462MHz	Pass	2.43574G	3.76	-26.24	2.12817G	-63.98	2.39074G	-57.36	2.4835G	-57.31	2.48368G	-53.59	24.87638G	-53.38	2
2462MHz	Pass	2.43574G	3.76	-26.24	2.08419G	-63.91	2.3983G	-57.65	2.4835G	-57.54	2.48394G	-54.66	16.38307G	-52.64	3
2462MHz	Pass	2.43574G	3.76	-26.24	2.3067G	-63.17	2.39602G	-56.27	2.4835G	-57.31	2.48528G	-54.65	23.37888G	-53.07	4
VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43574G	9.75	-20.25	2.3067G	-62.27	2.3992G	-33.30	2.4G	-35.24	2.4895G	-55.23	7.23795G	-46.95	1
2412MHz	Pass	2.43574G	9.75	-20.25	2.3035G	-61.03	2.39794G	-37.39	2.4G	-38.56	2.48574G	-47.72	7.24637G	-48.61	2
2412MHz	Pass	2.43574G	9.75	-20.25	2.30204G	-60.73	2.39984G	-35.20	2.4G	-39.96	2.48946G	-49.33	7.24357G	-50.48	3
2412MHz	Pass	2.43574G	9.75	-20.25	2.30554G	-58.49	2.39896G	-38.98	2.4G	-41.41	2.49698G	-47.50	7.23514G	-45.09	4
2437MHz	Pass	2.43574G	9.75	-20.25	2.30758G	-58.54	2.39886G	-44.74	2.4G	-49.38	2.5145G	-48.62	24.81457G	-52.13	1
2437MHz	Pass	2.43574G	9.75	-20.25	2.30961G	-58.26	2.39704G	-45.27	2.4G	-46.40	2.50826G	-46.38	2.5235G	-52.60	2
2437MHz	Pass	2.43574G	9.75	-20.25	2.30845G	-59.55	2.39954G	-44.68	2.4G	-46.96	2.48358G	-44.49	24.75276G	-52.39	3
2437MHz	Pass	2.43574G	9.75	-20.25	2.30525G	-58.84	2.39854G	-47.07	2.4G	-48.58	2.5145G	-46.51	15.17777G	-52.46	4
2462MHz	Pass	2.43574G	9.75	-20.25	2.16253G	-63.21	2.39078G	-53.50	2.4835G	-50.39	2.48358G	-51.41	15.22272G	-53.03	1
2462MHz	Pass	2.43574G	9.75	-20.25	897.63M	-57.41	2.39634G	-57.59	2.4835G	-51.96	2.48392G	-50.28	23.33955G	-52.95	2
2462MHz	Pass	2.43574G	9.75	-20.25	2.30262G	-63.47	2.39884G	-58.31	2.4835G	-52.32	2.48424G	-49.51	15.23958G	-51.22	3
2462MHz	Pass	2.43574G	9.75	-20.25	2.30321G	-63.31	2.39076G	-53.54	2.4835G	-54.41	2.48386G	-52.43	23.30583G	-51.65	4
VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.43449G	0.98	-29.02	2.30168G	-62.41	2.39768G	-46.49	2.4G	-51.24	2.48698G	-56.18	15.2289G	-50.61	1
2422MHz	Pass	2.43449G	0.98	-29.02	2.30912G	-62.50	2.39948G	-47.58	2.4G	-54.39	2.49354G	-55.33	15.20647G	-53.38	2
2422MHz	Pass	2.43449G	0.98	-29.02	2.1159G	-63.96	2.39928G	-49.65	2.4G	-55.68	2.48698G	-55.78	24.78124G	-53.20	3
2422MHz	Pass	2.43449G	0.98	-29.02	2.30368G	-63.50	2.39952G	-48.29	2.4G	-55.19	2.53198G	-53.90	24.76722G	-53.27	4
2437MHz	Pass	2.43449G	0.98	-29.02	2.3097G	-59.83	2.39976G	-40.74	2.4G	-44.71	2.48946G	-52.02	15.20927G	-53.08	1
2437MHz	Pass	2.43449G	0.98	-29.02	2.30082G	-57.98	2.3992G	-44.16	2.4G	-48.43	2.48474G	-50.09	15.31865G	-52.86	2
2437MHz	Pass	2.43449G	0.98	-29.02	2.30111G	-60.44	2.39948G	-44.15	2.4G	-48.97	2.52578G	-49.25	15.26536G	-52.79	3
2437MHz	Pass	2.43449G	0.98	-29.02	2.30798G	-63.72	2.39976G	-44.18	2.4G	-48.58	2.48446G	-52.60	15.24012G	-52.69	4
2452MHz	Pass	2.43449G	0.98	-29.02	842.09M	-64.19	2.39424G	-58.97	2.4G	-62.00	2.4845G	-57.70	24.85136G	-52.63	1
2452MHz	Pass	2.43449G	0.98	-29.02	2.1909G	-64.43	2.39996G	-61.27	2.4835G	-60.44	2.49014G	-57.86	23.31446G	-53.08	2
2452MHz	Pass	2.43449G	0.98	-29.02	1.75695G	-60.93	2.39736G	-61.98	2.4835G	-60.99	2.4845G	-57.39	24.8766G	-52.23	3
2452MHz	Pass	2.43449G	0.98	-29.02	2.30712G	-64.74	2.39728G	-60.62	2.4835G	-59.60	2.5045G	-56.79	15.25415G	-53.56	4









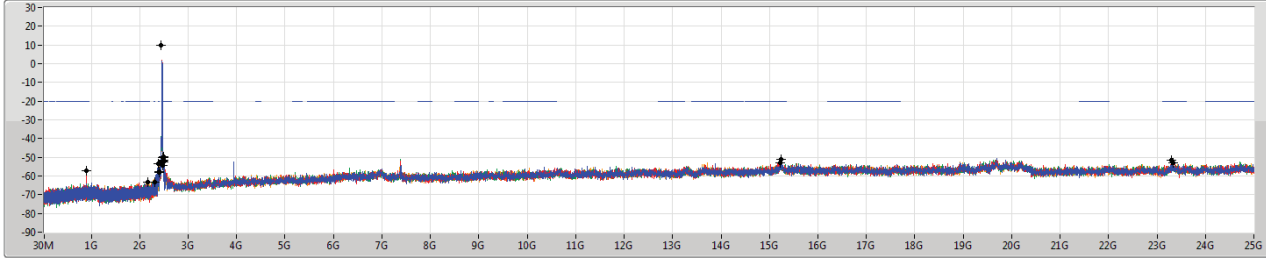


VHT20_Nss1,(MCS0)_4TX

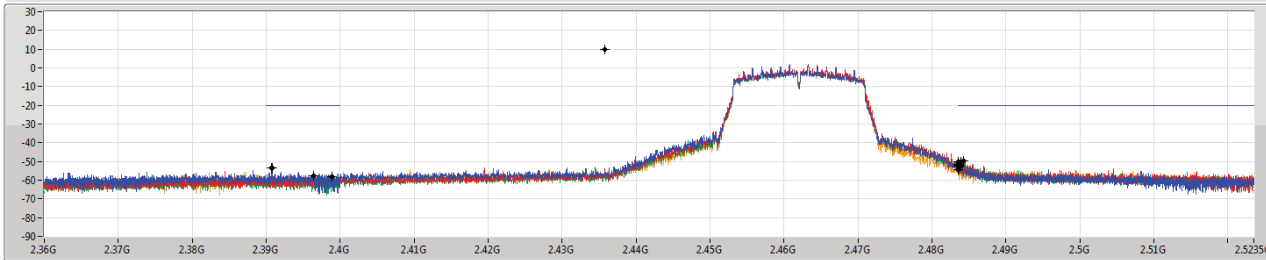
CSEndB

2462MHz

06/08/2021



Port 1
Port 2
Port 3
Port 4



RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak

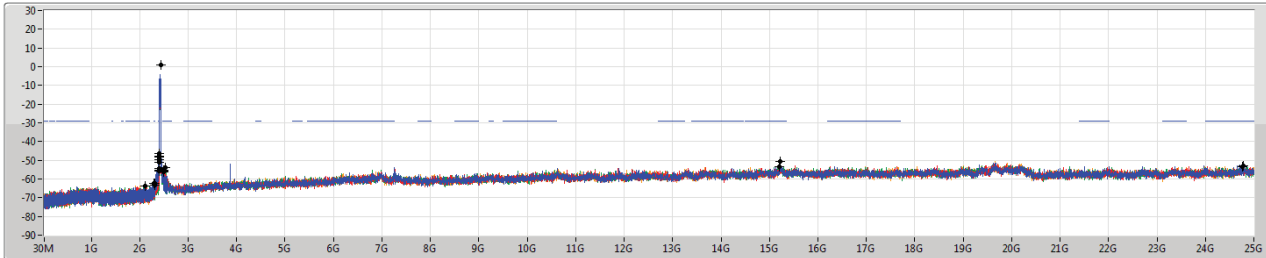
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43574G	9.75	-20.25	2.16253G	-63.21	2.39078G	-53.50	2.4835G	-50.39	2.48358G	-51.41	15.22272G	-53.03	1
2.43574G	9.75	-20.25	897.63M	-57.41	2.39634G	-57.59	2.4835G	-51.96	2.48392G	-50.28	23.3995G	-52.95	2
2.43574G	9.75	-20.25	2.30262G	-63.47	2.39884G	-58.31	2.4835G	-52.32	2.48424G	-49.51	15.23998G	-51.22	3
2.43574G	9.75	-20.25	2.30321G	-63.31	2.39076G	-53.54	2.4835G	-54.41	2.48386G	-52.43	23.30583G	-51.65	4

VHT40_Nss1,(MCS0)_4TX

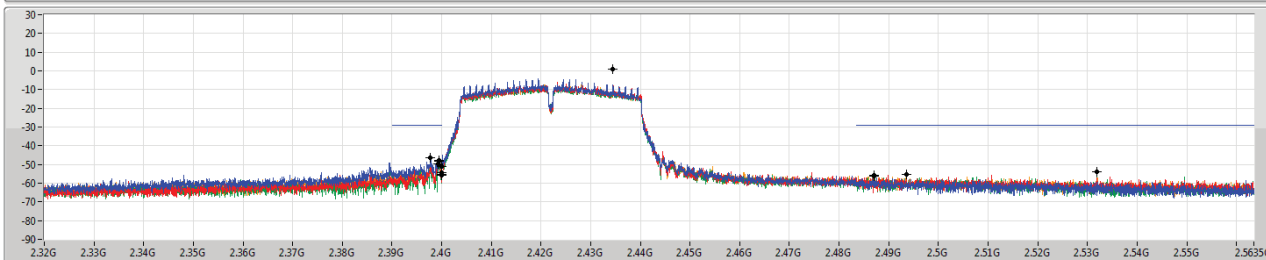
CSEndB

2422MHz

06/08/2021

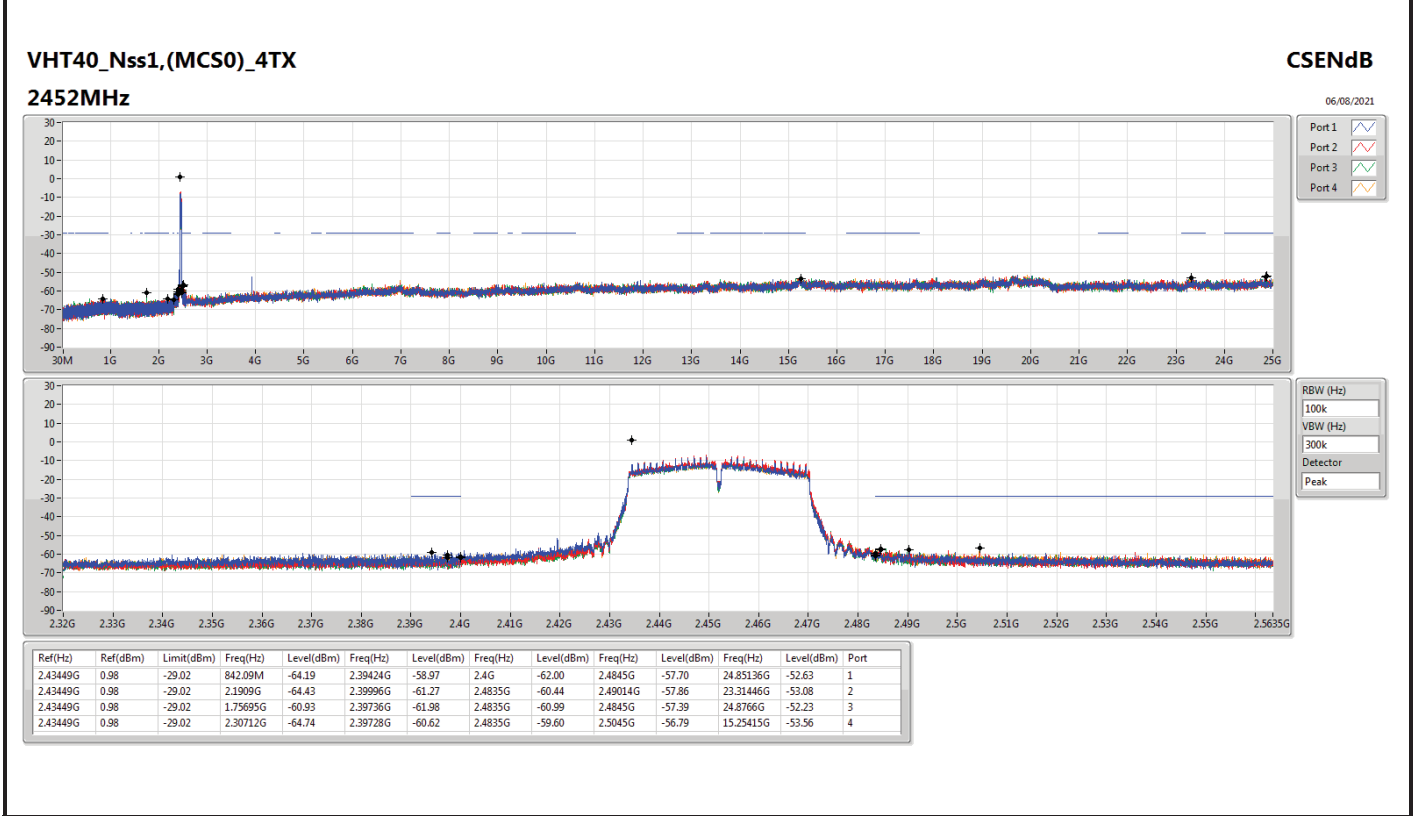
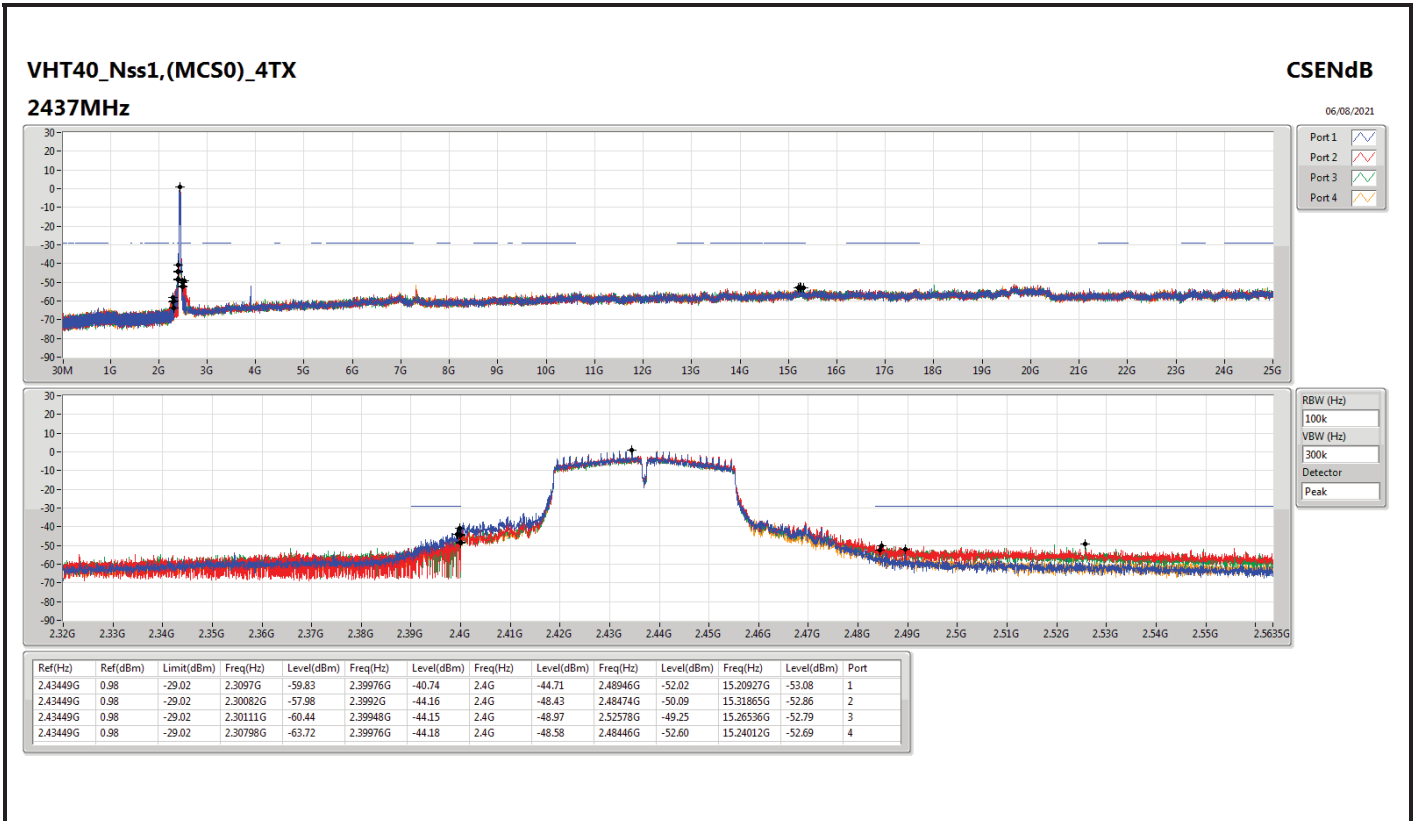


Port 1
Port 2
Port 3
Port 4



RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak

Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43449G	0.98	-29.02	2.30168G	-62.41	2.39768G	-46.49	2.4G	-51.24	2.48698G	-56.18	15.2289G	-50.61	1
2.43449G	0.98	-29.02	2.30912G	-62.50	2.39948G	-47.58	2.4G	-54.39	2.49354G	-55.33	15.20647G	-53.38	2
2.43449G	0.98	-29.02	2.1159G	-63.96	2.39928G	-49.65	2.4G	-55.68	2.48698G	-55.78	24.78124G	-53.20	3
2.43449G	0.98	-29.02	2.30368G	-63.50	2.39952G	-48.29	2.4G	-55.19	2.53198G	-53.90	24.76722G	-53.27	4





Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
VHT40_Nss1,(MCS0)_4TX	Pass	QP	33.88M	38.64	40.00	-1.36	3	Vertical	21	1.00	-



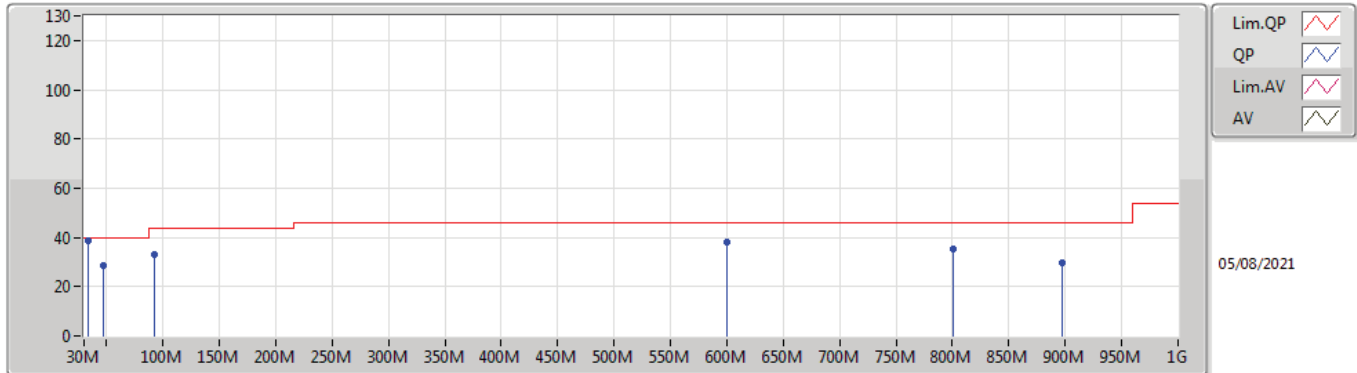
Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
VHT40_Nss1 (MCS0_4TX	-	-	-	-	-	-	-	-	-	-	-
2437MHz	Pass	PK	92.08M	32.96	43.50	-10.54	3	Vertical	0	1.00	-
2437MHz	Pass	PK	600.36M	38.22	46.00	-7.78	3	Vertical	0	1.00	-
2437MHz	Pass	PK	800.18M	35.39	46.00	-10.61	3	Vertical	0	1.00	-
2437MHz	Pass	QP	33.88M	38.64	40.00	-1.36	3	Vertical	21	1.00	-
2437MHz	Pass	QP	47.46M	28.46	40.00	-11.54	3	Vertical	0	1.21	-
2437MHz	Pass	QP	897.18M	29.62	46.00	-16.38	3	Vertical	207	1.00	-
2437MHz	Pass	PK	30M	34.92	40.00	-5.08	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	43.58M	33.46	40.00	-6.54	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	264.74M	30.89	46.00	-15.11	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	600.36M	39.90	46.00	-6.10	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	800.18M	42.65	46.00	-3.35	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	1G	42.29	54.00	-11.71	3	Horizontal	360	1.00	-



VHT40_Nss1,(MCS0)_4TX

2437MHz_Test Fixture

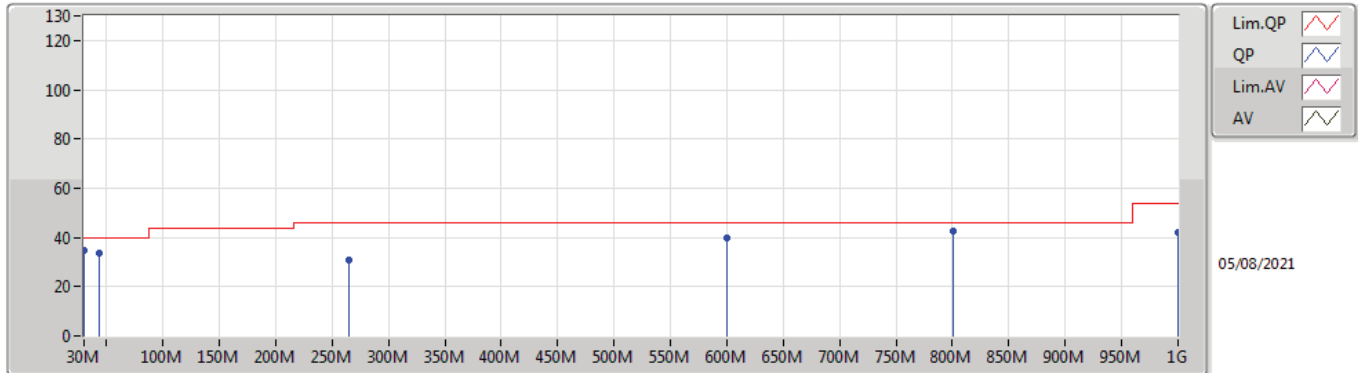


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	92.08M	32.96	43.50	-10.54	-11.92	3	Vertical	0	1.00	-	44.88	14.52	1.37	27.81
PK	600.36M	38.22	46.00	-7.78	-1.09	3	Vertical	0	1.00	-	39.31	23.97	3.37	28.43
PK	800.18M	35.39	46.00	-10.61	1.01	3	Vertical	0	1.00	-	34.38	25.01	3.88	27.88
QP	33.88M	38.64	40.00	-1.36	-4.95	3	Vertical	21	1.00	-	43.59	21.26	0.90	27.11
QP	47.46M	28.46	40.00	-11.54	-12.55	3	Vertical	0	1.21	-	41.01	14.05	1.04	27.64
QP	897.18M	29.62	46.00	-16.38	2.23	3	Vertical	207	1.00	-	27.39	25.64	4.10	27.51



VHT40_Nss1,(MCS0)_4TX

2437MHz_Test Fixture



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	30M	34.92	40.00	-5.08	-2.81	3	Horizontal	360	1.00	-	37.73	23.32	0.86	26.99
PK	43.58M	33.46	40.00	-6.54	-10.72	3	Horizontal	360	1.00	-	44.18	15.79	1.00	27.51
PK	264.74M	30.89	46.00	-15.11	-6.23	3	Horizontal	360	1.00	-	37.12	18.59	2.21	27.03
PK	600.36M	39.90	46.00	-6.10	-1.09	3	Horizontal	360	1.00	-	40.99	23.97	3.37	28.43
PK	800.18M	42.65	46.00	-3.35	1.01	3	Horizontal	360	1.00	-	41.64	25.01	3.88	27.88
PK	1G	42.29	54.00	-11.71	3.62	3	Horizontal	360	1.00	-	38.67	26.42	4.32	27.12



Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
VHT40_Nss1,(MCS0)_4TX	Pass	PK	600.36M	42.20	46.00	-3.80	3	Vertical	0	1.00	-



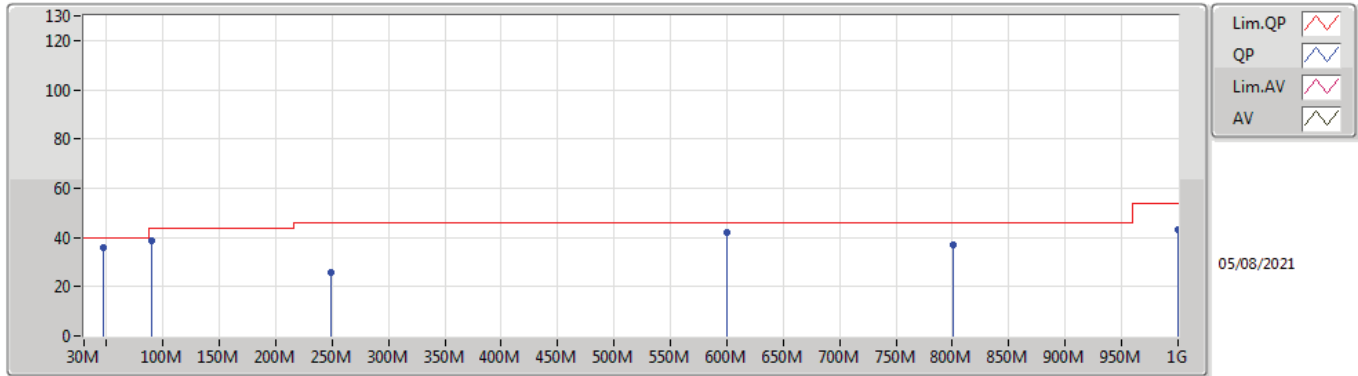
Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
VHT40_Nss1.(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
2437MHz	Pass	PK	90.14M	38.89	43.50	-4.61	3	Vertical	0	1.00	-
2437MHz	Pass	PK	249.22M	25.75	46.00	-20.25	3	Vertical	0	1.00	-
2437MHz	Pass	PK	600.36M	42.20	46.00	-3.80	3	Vertical	0	1.00	-
2437MHz	Pass	PK	800.18M	36.77	46.00	-9.23	3	Vertical	0	1.00	-
2437MHz	Pass	PK	1G	43.26	54.00	-10.74	3	Vertical	0	1.00	-
2437MHz	Pass	QP	47.46M	35.67	40.00	-4.33	3	Vertical	310	1.08	-
2437MHz	Pass	PK	97.9M	30.79	43.50	-12.71	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	264.74M	31.47	46.00	-14.53	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	600.36M	38.53	46.00	-7.47	3	Horizontal	0	1.00	-
2437MHz	Pass	QP	47.46M	32.07	40.00	-7.93	3	Horizontal	30	1.02	-
2437MHz	Pass	QP	800.18M	39.09	46.00	-6.91	3	Horizontal	175	1.00	-
2437MHz	Pass	QP	897.18M	30.48	46.00	-15.52	3	Horizontal	89	1.00	-



VHT40_Nss1,(MCS0)_4TX

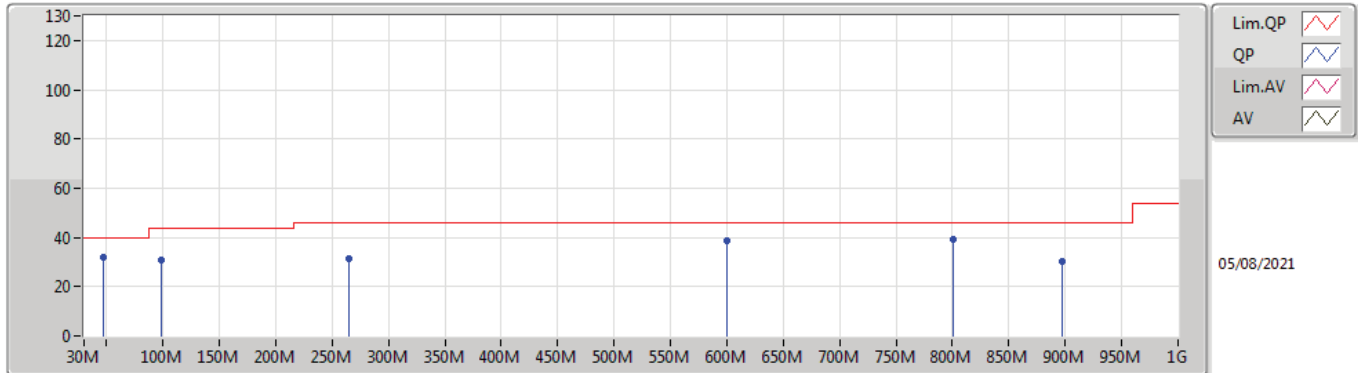
2437MHz_Test Fixture



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	90.14M	38.89	43.50	-4.61	-12.41	3	Vertical	0	1.00	-	51.30	14.08	1.35	27.84
PK	249.22M	25.75	46.00	-20.25	-7.42	3	Vertical	0	1.00	-	33.17	17.45	2.15	27.02
PK	600.36M	42.20	46.00	-3.80	-1.09	3	Vertical	0	1.00	-	43.29	23.97	3.37	28.43
PK	800.18M	36.77	46.00	-9.23	1.01	3	Vertical	0	1.00	-	35.76	25.01	3.88	27.88
PK	1G	43.26	54.00	-10.74	3.62	3	Vertical	0	1.00	-	39.64	26.42	4.32	27.12
QP	47.46M	35.67	40.00	-4.33	-12.55	3	Vertical	310	1.08	-	48.22	14.05	1.04	27.64

VHT40_Nss1,(MCS0)_4TX

2437MHz_Test Fixture



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	97.9M	30.79	43.50	-12.71	-10.66	3	Horizontal	0	1.00	-	41.45	15.70	1.41	27.77
PK	264.74M	31.47	46.00	-14.53	-6.23	3	Horizontal	0	1.00	-	37.70	18.59	2.21	27.03
PK	600.36M	38.53	46.00	-7.47	-1.09	3	Horizontal	0	1.00	-	39.62	23.97	3.37	28.43
QP	47.46M	32.07	40.00	-7.93	-12.55	3	Horizontal	30	1.02	-	44.62	14.05	1.04	27.64
QP	800.18M	39.09	46.00	-6.91	1.01	3	Horizontal	175	1.00	-	38.08	25.01	3.88	27.88
QP	897.18M	30.48	46.00	-15.52	2.23	3	Horizontal	89	1.00	-	28.25	25.64	4.10	27.51



Summary

Mode	Result	Type	Freq (Hz)	Level (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_4TX	Pass	AV	4.87402G	53.89	54.00	-0.11	3	Horizontal	9	1.44	-
802.11g_Nss1,(6Mbps)_4TX	Pass	AV	2.4958G	53.74	54.00	-0.26	3	Horizontal	5	1.00	-
VHT20_Nss1,(MCS0)_4TX	Pass	AV	2.3898G	53.62	54.00	-0.38	3	Horizontal	0	2.10	-
VHT40_Nss1,(MCS0)_4TX	Pass	AV	2.3894G	53.87	54.00	-0.13	3	Horizontal	0	2.08	-



Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3312G	48.29	54.00	-5.71	3	Vertical	121	1.87	-
2412MHz	Pass	AV	2.4112G	104.23	Inf	-Inf	3	Vertical	121	1.87	-
2412MHz	Pass	AV	2.4988G	47.38	54.00	-6.62	3	Vertical	121	1.87	-
2412MHz	Pass	PK	2.3624G	59.91	74.00	-14.09	3	Vertical	121	1.87	-
2412MHz	Pass	PK	2.4112G	108.33	Inf	-Inf	3	Vertical	121	1.87	-
2412MHz	Pass	PK	2.4884G	58.63	74.00	-15.37	3	Vertical	121	1.87	-
2412MHz	Pass	AV	2.39G	52.71	54.00	-1.29	3	Horizontal	0	1.04	-
2412MHz	Pass	AV	2.4108G	118.63	Inf	-Inf	3	Horizontal	0	1.04	-
2412MHz	Pass	AV	2.4932G	53.02	54.00	-0.98	3	Horizontal	0	1.04	-
2412MHz	Pass	PK	2.3876G	63.55	74.00	-10.45	3	Horizontal	0	1.04	-
2412MHz	Pass	PK	2.4112G	123.25	Inf	-Inf	3	Horizontal	0	1.04	-
2412MHz	Pass	PK	2.49G	64.47	74.00	-9.53	3	Horizontal	0	1.04	-
2412MHz	Pass	AV	4.824G	47.36	54.00	-6.64	3	Vertical	120	1.53	-
2412MHz	Pass	PK	4.82394G	50.61	74.00	-23.39	3	Vertical	120	1.53	-
2412MHz	Pass	AV	4.824G	48.78	54.00	-5.22	3	Horizontal	4	1.46	-
2412MHz	Pass	PK	4.82394G	51.72	74.00	-22.28	3	Horizontal	4	1.46	-
2417MHz	Pass	AV	2.339G	48.23	54.00	-5.77	3	Vertical	360	1.46	-
2417MHz	Pass	AV	2.4178G	102.30	Inf	-Inf	3	Vertical	360	1.46	-
2417MHz	Pass	AV	2.499G	47.41	54.00	-6.59	3	Vertical	360	1.46	-
2417MHz	Pass	PK	2.3454G	60.49	74.00	-13.51	3	Vertical	360	1.46	-
2417MHz	Pass	PK	2.4182G	106.35	Inf	-Inf	3	Vertical	360	1.46	-
2417MHz	Pass	PK	2.4854G	58.14	74.00	-15.86	3	Vertical	360	1.46	-
2417MHz	Pass	AV	2.3362G	52.74	54.00	-1.26	3	Horizontal	7	1.07	-
2417MHz	Pass	AV	2.4162G	119.40	Inf	-Inf	3	Horizontal	7	1.07	-
2417MHz	Pass	AV	2.499G	53.16	54.00	-0.84	3	Horizontal	7	1.07	-
2417MHz	Pass	PK	2.3898G	62.96	74.00	-11.04	3	Horizontal	7	1.07	-
2417MHz	Pass	PK	2.4162G	123.09	Inf	-Inf	3	Horizontal	7	1.07	-
2417MHz	Pass	PK	2.4938G	62.92	74.00	-11.08	3	Horizontal	7	1.07	-
2417MHz	Pass	AV	4.834G	49.54	54.00	-4.46	3	Vertical	119	1.82	-
2417MHz	Pass	AV	7.25188G	40.37	54.00	-13.63	3	Vertical	261	2.58	-
2417MHz	Pass	PK	4.83404G	52.63	74.00	-21.37	3	Vertical	119	1.82	-
2417MHz	Pass	PK	7.2524G	51.02	74.00	-22.98	3	Vertical	261	2.58	-
2417MHz	Pass	AV	4.834G	52.53	54.00	-1.47	3	Horizontal	186	1.56	-
2417MHz	Pass	AV	7.25176G	45.21	54.00	-8.79	3	Horizontal	54	2.43	-
2417MHz	Pass	PK	4.83402G	54.84	74.00	-19.16	3	Horizontal	186	1.56	-
2417MHz	Pass	PK	7.25208G	53.84	74.00	-20.16	3	Horizontal	54	2.43	-
2437MHz	Pass	AV	2.355G	47.87	54.00	-6.13	3	Vertical	265	1.31	-
2437MHz	Pass	AV	2.4378G	101.65	Inf	-Inf	3	Vertical	265	1.31	-
2437MHz	Pass	AV	2.487G	47.40	54.00	-6.60	3	Vertical	265	1.31	-
2437MHz	Pass	PK	2.3406G	59.56	74.00	-14.44	3	Vertical	265	1.31	-
2437MHz	Pass	PK	2.4378G	105.67	Inf	-Inf	3	Vertical	265	1.31	-
2437MHz	Pass	PK	2.493G	59.40	74.00	-14.60	3	Vertical	265	1.31	-
2437MHz	Pass	AV	2.3554G	53.19	54.00	-0.81	3	Horizontal	0	1.00	-
2437MHz	Pass	AV	2.4362G	118.63	Inf	-Inf	3	Horizontal	0	1.00	-
2437MHz	Pass	AV	2.4835G	51.25	54.00	-2.75	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	2.3558G	63.22	74.00	-10.78	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	2.4362G	122.36	Inf	-Inf	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	2.497G	62.48	74.00	-11.52	3	Horizontal	0	1.00	-
2437MHz	Pass	AV	4.87402G	51.63	54.00	-2.37	3	Vertical	120	1.46	-
2437MHz	Pass	AV	7.31172G	42.37	54.00	-11.63	3	Vertical	139	3.00	-
2437MHz	Pass	PK	4.87406G	54.43	74.00	-19.57	3	Vertical	120	1.46	-
2437MHz	Pass	PK	7.31238G	52.43	74.00	-21.57	3	Vertical	139	3.00	-
2437MHz	Pass	AV	4.87402G	53.89	54.00	-0.11	3	Horizontal	9	1.44	-
2437MHz	Pass	AV	7.31028G	47.56	54.00	-6.44	3	Horizontal	162	1.69	-
2437MHz	Pass	PK	4.87396G	56.45	74.00	-17.55	3	Horizontal	9	1.44	-
2437MHz	Pass	PK	7.3105G	55.08	74.00	-18.92	3	Horizontal	162	1.69	-
2457MHz	Pass	AV	2.3806G	49.06	54.00	-4.94	3	Vertical	78	2.50	-
2457MHz	Pass	AV	2.4586G	107.03	Inf	-Inf	3	Vertical	78	2.50	-
2457MHz	Pass	AV	2.495G	47.98	54.00	-6.02	3	Vertical	78	2.50	-
2457MHz	Pass	PK	2.3778G	59.53	74.00	-14.47	3	Vertical	78	2.50	-



Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2457MHz	Pass	PK	2.459G	110.53	Inf	-Inf	3	Vertical	78	2.50	-
2457MHz	Pass	PK	2.4838G	59.75	74.00	-14.25	3	Vertical	78	2.50	-
2457MHz	Pass	AV	2.3754G	52.98	54.00	-1.02	3	Horizontal	5	1.04	-
2457MHz	Pass	AV	2.4562G	120.41	Inf	-Inf	3	Horizontal	5	1.04	-
2457MHz	Pass	AV	2.4954G	52.23	54.00	-1.77	3	Horizontal	5	1.04	-
2457MHz	Pass	PK	2.3754G	62.81	74.00	-11.19	3	Horizontal	5	1.04	-
2457MHz	Pass	PK	2.4562G	124.10	Inf	-Inf	3	Horizontal	5	1.04	-
2457MHz	Pass	PK	2.4946G	63.59	74.00	-10.41	3	Horizontal	5	1.04	-
2457MHz	Pass	AV	4.91398G	41.51	54.00	-12.49	3	Vertical	120	1.56	-
2457MHz	Pass	AV	7.37178G	41.11	54.00	-12.89	3	Vertical	138	2.70	-
2457MHz	Pass	PK	4.91388G	47.97	74.00	-26.03	3	Vertical	120	1.56	-
2457MHz	Pass	PK	7.37198G	52.42	74.00	-21.58	3	Vertical	138	2.70	-
2457MHz	Pass	AV	4.914G	53.58	54.00	-0.42	3	Horizontal	0	1.50	-
2457MHz	Pass	AV	7.37174G	47.32	54.00	-6.68	3	Horizontal	57	1.73	-
2457MHz	Pass	PK	4.91394G	56.07	74.00	-17.93	3	Horizontal	0	1.50	-
2457MHz	Pass	PK	7.37148G	55.12	74.00	-18.88	3	Horizontal	57	1.73	-
2462MHz	Pass	AV	2.3824G	47.96	54.00	-6.04	3	Vertical	78	2.68	-
2462MHz	Pass	AV	2.4636G	107.24	Inf	-Inf	3	Vertical	78	2.68	-
2462MHz	Pass	AV	2.4835G	48.18	54.00	-5.82	3	Vertical	78	2.68	-
2462MHz	Pass	PK	2.384G	59.76	74.00	-14.24	3	Vertical	78	2.68	-
2462MHz	Pass	PK	2.4648G	110.73	Inf	-Inf	3	Vertical	78	2.68	-
2462MHz	Pass	PK	2.4904G	58.92	74.00	-15.08	3	Vertical	78	2.68	-
2462MHz	Pass	AV	2.38G	51.56	54.00	-2.44	3	Horizontal	5	1.01	-
2462MHz	Pass	AV	2.4612G	119.11	Inf	-Inf	3	Horizontal	5	1.01	-
2462MHz	Pass	AV	2.4835G	53.47	54.00	-0.53	3	Horizontal	5	1.01	-
2462MHz	Pass	PK	2.3816G	62.01	74.00	-11.99	3	Horizontal	5	1.01	-
2462MHz	Pass	PK	2.4612G	122.81	Inf	-Inf	3	Horizontal	5	1.01	-
2462MHz	Pass	PK	2.4835G	63.14	74.00	-10.86	3	Horizontal	5	1.01	-
2462MHz	Pass	AV	4.924G	48.64	54.00	-5.36	3	Vertical	121	1.32	-
2462MHz	Pass	AV	7.3868G	39.24	54.00	-14.76	3	Vertical	132	2.68	-
2462MHz	Pass	PK	4.92408G	51.99	74.00	-22.01	3	Vertical	121	1.32	-
2462MHz	Pass	PK	7.38842G	51.19	74.00	-22.81	3	Vertical	132	2.68	-
2462MHz	Pass	AV	4.92391G	47.63	54.00	-6.37	3	Horizontal	52	1.50	-
2462MHz	Pass	AV	7.38672G	44.24	54.00	-9.76	3	Horizontal	58	1.83	-
2462MHz	Pass	PK	4.92392G	48.59	74.00	-25.41	3	Horizontal	52	1.50	-
2462MHz	Pass	PK	7.38695G	53.43	74.00	-20.57	3	Horizontal	58	1.83	-
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3148G	48.47	54.00	-5.53	3	Vertical	134	1.76	-
2412MHz	Pass	AV	2.4068G	95.49	Inf	-Inf	3	Vertical	134	1.76	-
2412MHz	Pass	AV	2.5G	47.60	54.00	-6.40	3	Vertical	134	1.76	-
2412MHz	Pass	PK	2.3228G	60.32	74.00	-13.68	3	Vertical	134	1.76	-
2412MHz	Pass	PK	2.4072G	104.71	Inf	-Inf	3	Vertical	134	1.76	-
2412MHz	Pass	PK	2.4876G	59.34	74.00	-14.66	3	Vertical	134	1.76	-
2412MHz	Pass	AV	2.39G	53.69	54.00	-0.31	3	Horizontal	5	1.03	-
2412MHz	Pass	AV	2.4128G	109.22	Inf	-Inf	3	Horizontal	5	1.03	-
2412MHz	Pass	AV	2.4928G	51.48	54.00	-2.52	3	Horizontal	5	1.03	-
2412MHz	Pass	PK	2.3896G	65.36	74.00	-8.64	3	Horizontal	5	1.03	-
2412MHz	Pass	PK	2.4128G	118.22	Inf	-Inf	3	Horizontal	5	1.03	-
2412MHz	Pass	PK	2.4916G	62.66	74.00	-11.34	3	Horizontal	5	1.03	-
2412MHz	Pass	AV	4.8248G	32.21	54.00	-21.79	3	Vertical	122	1.50	-
2412MHz	Pass	PK	4.824G	44.50	74.00	-29.50	3	Vertical	122	1.50	-
2412MHz	Pass	AV	4.82776G	35.88	54.00	-18.12	3	Horizontal	7	1.39	-
2412MHz	Pass	PK	4.82976G	50.10	74.00	-23.90	3	Horizontal	7	1.39	-
2417MHz	Pass	AV	2.3354G	48.39	54.00	-5.61	3	Vertical	360	1.48	-
2417MHz	Pass	AV	2.4158G	94.97	Inf	-Inf	3	Vertical	360	1.48	-
2417MHz	Pass	AV	2.499G	47.71	54.00	-6.29	3	Vertical	360	1.48	-
2417MHz	Pass	PK	2.3386G	59.87	74.00	-14.13	3	Vertical	360	1.48	-
2417MHz	Pass	PK	2.4154G	104.60	Inf	-Inf	3	Vertical	360	1.48	-
2417MHz	Pass	PK	2.4862G	58.84	74.00	-15.16	3	Vertical	360	1.48	-
2417MHz	Pass	AV	2.3898G	51.27	54.00	-2.73	3	Horizontal	5	1.04	-
2417MHz	Pass	AV	2.4178G	110.97	Inf	-Inf	3	Horizontal	5	1.04	-
2417MHz	Pass	AV	2.4982G	53.58	54.00	-0.42	3	Horizontal	5	1.04	-



Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2417MHz	Pass	PK	2.3878G	64.78	74.00	-9.22	3	Horizontal	5	1.04	-
2417MHz	Pass	PK	2.4178G	120.18	Inf	-Inf	3	Horizontal	5	1.04	-
2417MHz	Pass	PK	2.499G	66.11	74.00	-7.89	3	Horizontal	5	1.04	-
2437MHz	Pass	AV	2.3442G	48.33	54.00	-5.67	3	Vertical	131	1.70	-
2437MHz	Pass	AV	2.4318G	95.00	Inf	-Inf	3	Vertical	131	1.70	-
2437MHz	Pass	AV	2.4982G	47.69	54.00	-6.31	3	Vertical	131	1.70	-
2437MHz	Pass	PK	2.3482G	59.87	74.00	-14.13	3	Vertical	131	1.70	-
2437MHz	Pass	PK	2.4322G	104.63	Inf	-Inf	3	Vertical	131	1.70	-
2437MHz	Pass	PK	2.4958G	59.18	74.00	-14.82	3	Vertical	131	1.70	-
2437MHz	Pass	AV	2.3582G	51.85	54.00	-2.15	3	Horizontal	5	1.00	-
2437MHz	Pass	AV	2.4382G	110.44	Inf	-Inf	3	Horizontal	5	1.00	-
2437MHz	Pass	AV	2.4958G	53.74	54.00	-0.26	3	Horizontal	5	1.00	-
2437MHz	Pass	PK	2.3586G	62.53	74.00	-11.47	3	Horizontal	5	1.00	-
2437MHz	Pass	PK	2.4382G	119.92	Inf	-Inf	3	Horizontal	5	1.00	-
2437MHz	Pass	PK	2.4954G	65.63	74.00	-8.37	3	Horizontal	5	1.00	-
2437MHz	Pass	AV	4.87526G	33.60	54.00	-20.40	3	Vertical	121	1.48	-
2437MHz	Pass	AV	7.3059G	37.57	54.00	-16.43	3	Vertical	90	2.07	-
2437MHz	Pass	PK	4.87628G	47.09	74.00	-26.91	3	Vertical	121	1.48	-
2437MHz	Pass	PK	7.32546G	50.45	74.00	-23.55	3	Vertical	90	2.07	-
2437MHz	Pass	AV	4.87802G	38.33	54.00	-15.67	3	Horizontal	4	1.32	-
2437MHz	Pass	AV	7.3107G	37.69	54.00	-16.31	3	Horizontal	159	1.60	-
2437MHz	Pass	PK	4.87994G	52.65	74.00	-21.35	3	Horizontal	4	1.32	-
2437MHz	Pass	PK	7.3059G	50.53	74.00	-23.47	3	Horizontal	159	1.60	-
2457MHz	Pass	AV	2.381G	49.11	54.00	-4.89	3	Vertical	76	2.73	-
2457MHz	Pass	AV	2.4546G	101.36	Inf	-Inf	3	Vertical	76	2.73	-
2457MHz	Pass	AV	2.4854G	49.20	54.00	-4.80	3	Vertical	76	2.73	-
2457MHz	Pass	PK	2.3662G	60.93	74.00	-13.07	3	Vertical	76	2.73	-
2457MHz	Pass	PK	2.4538G	110.57	Inf	-Inf	3	Vertical	76	2.73	-
2457MHz	Pass	PK	2.4862G	62.88	74.00	-11.12	3	Vertical	76	2.73	-
2457MHz	Pass	AV	2.3782G	53.25	54.00	-0.75	3	Horizontal	3	1.00	-
2457MHz	Pass	AV	2.4582G	112.21	Inf	-Inf	3	Horizontal	3	1.00	-
2457MHz	Pass	AV	2.4974G	53.67	54.00	-0.33	3	Horizontal	3	1.00	-
2457MHz	Pass	PK	2.3594G	65.61	74.00	-8.39	3	Horizontal	3	1.00	-
2457MHz	Pass	PK	2.4578G	121.58	Inf	-Inf	3	Horizontal	3	1.00	-
2457MHz	Pass	PK	2.4978G	65.94	74.00	-8.06	3	Horizontal	3	1.00	-
2462MHz	Pass	AV	2.3652G	48.43	54.00	-5.57	3	Vertical	75	2.97	-
2462MHz	Pass	AV	2.4592G	95.47	Inf	-Inf	3	Vertical	75	2.97	-
2462MHz	Pass	AV	2.484G	48.17	54.00	-5.83	3	Vertical	75	2.97	-
2462MHz	Pass	PK	2.376G	59.74	74.00	-14.26	3	Vertical	75	2.97	-
2462MHz	Pass	PK	2.4588G	104.98	Inf	-Inf	3	Vertical	75	2.97	-
2462MHz	Pass	PK	2.4932G	59.78	74.00	-14.22	3	Vertical	75	2.97	-
2462MHz	Pass	AV	2.3828G	51.26	54.00	-2.74	3	Horizontal	4	1.00	-
2462MHz	Pass	AV	2.4632G	108.71	Inf	-Inf	3	Horizontal	4	1.00	-
2462MHz	Pass	AV	2.4835G	53.46	54.00	-0.54	3	Horizontal	4	1.00	-
2462MHz	Pass	PK	2.3896G	63.04	74.00	-10.96	3	Horizontal	4	1.00	-
2462MHz	Pass	PK	2.4628G	117.94	Inf	-Inf	3	Horizontal	4	1.00	-
2462MHz	Pass	PK	2.484G	68.54	74.00	-5.46	3	Horizontal	4	1.00	-
2462MHz	Pass	AV	4.91302G	30.76	54.00	-23.24	3	Vertical	1	1.49	-
2462MHz	Pass	AV	7.37646G	37.59	54.00	-16.41	3	Vertical	105	1.50	-
2462MHz	Pass	PK	4.93072G	43.81	74.00	-30.19	3	Vertical	1	1.49	-
2462MHz	Pass	PK	7.3995G	50.74	74.00	-23.26	3	Vertical	105	1.50	-
2462MHz	Pass	AV	4.92916G	33.39	54.00	-20.61	3	Horizontal	360	1.25	-
2462MHz	Pass	AV	7.39926G	37.59	54.00	-16.41	3	Horizontal	324	1.50	-
2462MHz	Pass	PK	4.93G	46.87	74.00	-27.13	3	Horizontal	360	1.25	-
2462MHz	Pass	PK	7.37892G	50.36	74.00	-23.64	3	Horizontal	324	1.50	-
VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3232G	49.03	54.00	-4.97	3	Vertical	134	1.76	-
2412MHz	Pass	AV	2.4144G	92.65	Inf	-Inf	3	Vertical	134	1.76	-
2412MHz	Pass	AV	2.484G	48.06	54.00	-5.94	3	Vertical	134	1.76	-
2412MHz	Pass	PK	2.3644G	59.67	74.00	-14.33	3	Vertical	134	1.76	-
2412MHz	Pass	PK	2.4072G	101.50	Inf	-Inf	3	Vertical	134	1.76	-
2412MHz	Pass	PK	2.4892G	58.63	74.00	-15.37	3	Vertical	134	1.76	-



Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2412MHz	Pass	AV	2.39G	53.58	54.00	-0.42	3	Horizontal	2	2.33	-
2412MHz	Pass	AV	2.41G	102.90	Inf	-Inf	3	Horizontal	2	2.33	-
2412MHz	Pass	AV	2.4848G	50.29	54.00	-3.71	3	Horizontal	2	2.33	-
2412MHz	Pass	PK	2.3896G	65.18	74.00	-8.82	3	Horizontal	2	2.33	-
2412MHz	Pass	PK	2.4116G	112.28	Inf	-Inf	3	Horizontal	2	2.33	-
2412MHz	Pass	PK	2.484G	61.64	74.00	-12.36	3	Horizontal	2	2.33	-
2412MHz	Pass	AV	4.8254G	32.98	54.00	-21.02	3	Vertical	121	1.50	-
2412MHz	Pass	PK	4.82112G	45.34	74.00	-28.66	3	Vertical	121	1.50	-
2412MHz	Pass	AV	4.8238G	35.99	54.00	-18.01	3	Horizontal	3	1.28	-
2412MHz	Pass	PK	4.8258G	48.66	74.00	-25.34	3	Horizontal	3	1.28	-
2417MHz	Pass	AV	2.3346G	49.47	54.00	-4.53	3	Vertical	134	1.76	-
2417MHz	Pass	AV	2.4194G	95.63	Inf	-Inf	3	Vertical	134	1.76	-
2417MHz	Pass	AV	2.4946G	47.97	54.00	-6.03	3	Vertical	134	1.76	-
2417MHz	Pass	PK	2.3382G	60.29	74.00	-13.71	3	Vertical	134	1.76	-
2417MHz	Pass	PK	2.4122G	105.52	Inf	-Inf	3	Vertical	134	1.76	-
2417MHz	Pass	PK	2.489G	58.67	74.00	-15.33	3	Vertical	134	1.76	-
2417MHz	Pass	AV	2.3898G	53.62	54.00	-0.38	3	Horizontal	0	2.10	-
2417MHz	Pass	AV	2.4146G	107.25	Inf	-Inf	3	Horizontal	0	2.10	-
2417MHz	Pass	AV	2.4842G	53.13	54.00	-0.87	3	Horizontal	0	2.10	-
2417MHz	Pass	PK	2.3866G	65.68	74.00	-8.32	3	Horizontal	0	2.10	-
2417MHz	Pass	PK	2.4166G	116.45	Inf	-Inf	3	Horizontal	0	2.10	-
2417MHz	Pass	PK	2.4862G	64.55	74.00	-9.45	3	Horizontal	0	2.10	-
2437MHz	Pass	AV	2.3414G	49.01	54.00	-4.99	3	Vertical	133	1.50	-
2437MHz	Pass	AV	2.439G	97.08	Inf	-Inf	3	Vertical	133	1.50	-
2437MHz	Pass	AV	2.4914G	48.06	54.00	-5.94	3	Vertical	133	1.50	-
2437MHz	Pass	PK	2.341G	59.65	74.00	-14.35	3	Vertical	133	1.50	-
2437MHz	Pass	PK	2.4326G	106.17	Inf	-Inf	3	Vertical	133	1.50	-
2437MHz	Pass	PK	2.485G	58.50	74.00	-15.50	3	Vertical	133	1.50	-
2437MHz	Pass	AV	2.3898G	52.47	54.00	-1.53	3	Horizontal	0	2.07	-
2437MHz	Pass	AV	2.435G	109.89	Inf	-Inf	3	Horizontal	0	2.07	-
2437MHz	Pass	AV	2.4842G	53.54	54.00	-0.46	3	Horizontal	0	2.07	-
2437MHz	Pass	PK	2.389G	63.91	74.00	-10.09	3	Horizontal	0	2.07	-
2437MHz	Pass	PK	2.4366G	119.12	Inf	-Inf	3	Horizontal	0	2.07	-
2437MHz	Pass	PK	2.4858G	65.59	74.00	-8.41	3	Horizontal	0	2.07	-
2437MHz	Pass	AV	4.87532G	41.03	54.00	-12.97	3	Vertical	122	1.47	-
2437MHz	Pass	AV	7.31352G	41.82	54.00	-12.18	3	Vertical	134	2.92	-
2437MHz	Pass	PK	4.87484G	53.75	74.00	-20.25	3	Vertical	122	1.47	-
2437MHz	Pass	PK	7.31508G	53.99	74.00	-20.01	3	Vertical	134	2.92	-
2437MHz	Pass	AV	4.8732G	45.73	54.00	-8.27	3	Horizontal	0	1.33	-
2437MHz	Pass	AV	7.3119G	45.96	54.00	-8.04	3	Horizontal	59	1.85	-
2437MHz	Pass	PK	4.87352G	59.49	74.00	-14.51	3	Horizontal	0	1.33	-
2437MHz	Pass	PK	7.31226G	59.30	74.00	-14.70	3	Horizontal	59	1.85	-
2457MHz	Pass	AV	2.375G	49.14	54.00	-4.86	3	Vertical	86	2.68	-
2457MHz	Pass	AV	2.4594G	97.78	Inf	-Inf	3	Vertical	86	2.68	-
2457MHz	Pass	AV	2.4835G	49.06	54.00	-4.94	3	Vertical	86	2.68	-
2457MHz	Pass	PK	2.375G	60.06	74.00	-13.94	3	Vertical	86	2.68	-
2457MHz	Pass	PK	2.4562G	107.61	Inf	-Inf	3	Vertical	86	2.68	-
2457MHz	Pass	PK	2.4982G	59.50	74.00	-14.50	3	Vertical	86	2.68	-
2457MHz	Pass	AV	2.3802G	51.54	54.00	-2.46	3	Horizontal	0	2.08	-
2457MHz	Pass	AV	2.455G	106.73	Inf	-Inf	3	Horizontal	0	2.08	-
2457MHz	Pass	AV	2.4835G	53.30	54.00	-0.70	3	Horizontal	0	2.08	-
2457MHz	Pass	PK	2.3786G	62.66	74.00	-11.34	3	Horizontal	0	2.08	-
2457MHz	Pass	PK	2.4566G	116.00	Inf	-Inf	3	Horizontal	0	2.08	-
2457MHz	Pass	PK	2.4902G	64.59	74.00	-9.41	3	Horizontal	0	2.08	-
2462MHz	Pass	AV	2.372G	48.57	54.00	-5.43	3	Vertical	86	2.57	-
2462MHz	Pass	AV	2.46G	94.25	Inf	-Inf	3	Vertical	86	2.57	-
2462MHz	Pass	AV	2.4835G	49.11	54.00	-4.89	3	Vertical	86	2.57	-
2462MHz	Pass	PK	2.374G	59.88	74.00	-14.12	3	Vertical	86	2.57	-
2462MHz	Pass	PK	2.4616G	103.91	Inf	-Inf	3	Vertical	86	2.57	-
2462MHz	Pass	PK	2.4872G	59.74	74.00	-14.26	3	Vertical	86	2.57	-
2462MHz	Pass	AV	2.3752G	49.75	54.00	-4.25	3	Horizontal	0	2.11	-
2462MHz	Pass	AV	2.46G	103.52	Inf	-Inf	3	Horizontal	0	2.11	-



Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2462MHz	Pass	AV	2.4835G	52.61	54.00	-1.39	3	Horizontal	0	2.11	-
2462MHz	Pass	PK	2.3712G	60.94	74.00	-13.06	3	Horizontal	0	2.11	-
2462MHz	Pass	PK	2.4616G	112.41	Inf	-Inf	3	Horizontal	0	2.11	-
2462MHz	Pass	PK	2.4835G	64.23	74.00	-9.77	3	Horizontal	0	2.11	-
2462MHz	Pass	AV	4.92082G	32.01	54.00	-21.99	3	Vertical	123	1.50	-
2462MHz	Pass	AV	7.39956G	38.55	54.00	-15.45	3	Vertical	294	1.90	-
2462MHz	Pass	PK	4.93102G	44.30	74.00	-29.70	3	Vertical	123	1.50	-
2462MHz	Pass	PK	7.37556G	50.92	74.00	-23.08	3	Vertical	294	1.90	-
2462MHz	Pass	AV	4.924G	34.97	54.00	-19.03	3	Horizontal	6	1.82	-
2462MHz	Pass	AV	7.39596G	38.79	54.00	-15.21	3	Horizontal	297	1.50	-
2462MHz	Pass	PK	4.92544G	45.64	74.00	-28.36	3	Horizontal	6	1.82	-
2462MHz	Pass	PK	7.39878G	50.62	74.00	-23.38	3	Horizontal	297	1.50	-
VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	AV	2.386G	50.10	54.00	-3.90	3	Vertical	133	1.76	-
2422MHz	Pass	AV	2.4144G	85.87	Inf	-Inf	3	Vertical	133	1.76	-
2422MHz	Pass	AV	2.4976G	48.95	54.00	-5.05	3	Vertical	133	1.76	-
2422MHz	Pass	PK	2.3244G	59.66	74.00	-14.34	3	Vertical	133	1.76	-
2422MHz	Pass	PK	2.4172G	96.57	Inf	-Inf	3	Vertical	133	1.76	-
2422MHz	Pass	PK	2.4952G	58.82	74.00	-15.18	3	Vertical	133	1.76	-
2422MHz	Pass	AV	2.3892G	53.73	54.00	-0.27	3	Horizontal	5	1.50	-
2422MHz	Pass	AV	2.4236G	96.60	Inf	-Inf	3	Horizontal	5	1.50	-
2422MHz	Pass	AV	2.4968G	50.34	54.00	-3.66	3	Horizontal	5	1.50	-
2422MHz	Pass	PK	2.3892G	63.92	74.00	-10.08	3	Horizontal	5	1.50	-
2422MHz	Pass	PK	2.42G	105.97	Inf	-Inf	3	Horizontal	5	1.50	-
2422MHz	Pass	PK	2.5G	59.74	74.00	-14.26	3	Horizontal	5	1.50	-
2422MHz	Pass	AV	4.8404G	33.04	54.00	-20.96	3	Vertical	50	1.49	-
2422MHz	Pass	AV	7.25848G	40.11	54.00	-13.89	3	Vertical	79	1.05	-
2422MHz	Pass	PK	4.83336G	43.67	74.00	-30.33	3	Vertical	50	1.49	-
2422MHz	Pass	PK	7.27784G	50.62	74.00	-23.38	3	Vertical	79	1.05	-
2422MHz	Pass	AV	4.84408G	35.03	54.00	-18.97	3	Horizontal	0	1.75	-
2422MHz	Pass	AV	7.25296G	39.97	54.00	-14.03	3	Horizontal	269	2.28	-
2422MHz	Pass	PK	4.84392G	44.50	74.00	-29.50	3	Horizontal	0	1.75	-
2422MHz	Pass	PK	7.2832G	51.10	74.00	-22.90	3	Horizontal	269	2.28	-
2427MHz	Pass	AV	2.3898G	49.78	54.00	-4.22	3	Vertical	118	2.38	-
2427MHz	Pass	AV	2.4238G	88.21	Inf	-Inf	3	Vertical	118	2.38	-
2427MHz	Pass	AV	2.499G	49.48	54.00	-4.52	3	Vertical	118	2.38	-
2427MHz	Pass	PK	2.3334G	60.07	74.00	-13.93	3	Vertical	118	2.38	-
2427MHz	Pass	PK	2.4194G	98.02	Inf	-Inf	3	Vertical	118	2.38	-
2427MHz	Pass	PK	2.4994G	59.17	74.00	-14.83	3	Vertical	118	2.38	-
2427MHz	Pass	AV	2.3894G	53.87	54.00	-0.13	3	Horizontal	0	2.08	-
2427MHz	Pass	AV	2.4246G	98.36	Inf	-Inf	3	Horizontal	0	2.08	-
2427MHz	Pass	AV	2.491G	51.94	54.00	-2.06	3	Horizontal	0	2.08	-
2427MHz	Pass	PK	2.389G	65.84	74.00	-8.16	3	Horizontal	0	2.08	-
2427MHz	Pass	PK	2.4246G	109.91	Inf	-Inf	3	Horizontal	0	2.08	-
2427MHz	Pass	PK	2.491G	61.74	74.00	-12.26	3	Horizontal	0	2.08	-
2437MHz	Pass	AV	2.3398G	49.77	54.00	-4.23	3	Vertical	135	1.67	-
2437MHz	Pass	AV	2.4294G	90.60	Inf	-Inf	3	Vertical	135	1.67	-
2437MHz	Pass	AV	2.4974G	48.91	54.00	-5.09	3	Vertical	135	1.67	-
2437MHz	Pass	PK	2.3682G	59.84	74.00	-14.16	3	Vertical	135	1.67	-
2437MHz	Pass	PK	2.4326G	100.74	Inf	-Inf	3	Vertical	135	1.67	-
2437MHz	Pass	PK	2.4854G	59.56	74.00	-14.44	3	Vertical	135	1.67	-
2437MHz	Pass	AV	2.3898G	53.13	54.00	-0.87	3	Horizontal	5	1.88	-
2437MHz	Pass	AV	2.445G	102.33	Inf	-Inf	3	Horizontal	5	1.88	-
2437MHz	Pass	AV	2.4835G	53.51	54.00	-0.49	3	Horizontal	5	1.88	-
2437MHz	Pass	PK	2.389G	65.13	74.00	-8.87	3	Horizontal	5	1.88	-
2437MHz	Pass	PK	2.4266G	111.91	Inf	-Inf	3	Horizontal	5	1.88	-
2437MHz	Pass	PK	2.485G	63.74	74.00	-10.26	3	Horizontal	5	1.88	-
2437MHz	Pass	AV	4.88984G	33.19	54.00	-20.81	3	Vertical	214	1.68	-
2437MHz	Pass	AV	7.32596G	40.03	54.00	-13.97	3	Vertical	33	2.03	-
2437MHz	Pass	PK	4.88048G	44.60	74.00	-29.40	3	Vertical	214	1.68	-
2437MHz	Pass	PK	7.32212G	51.10	74.00	-22.90	3	Vertical	33	2.03	-
2437MHz	Pass	AV	4.87392G	35.26	54.00	-18.74	3	Horizontal	0	1.90	-



RSE TX above 1GHz_PCB Antenna

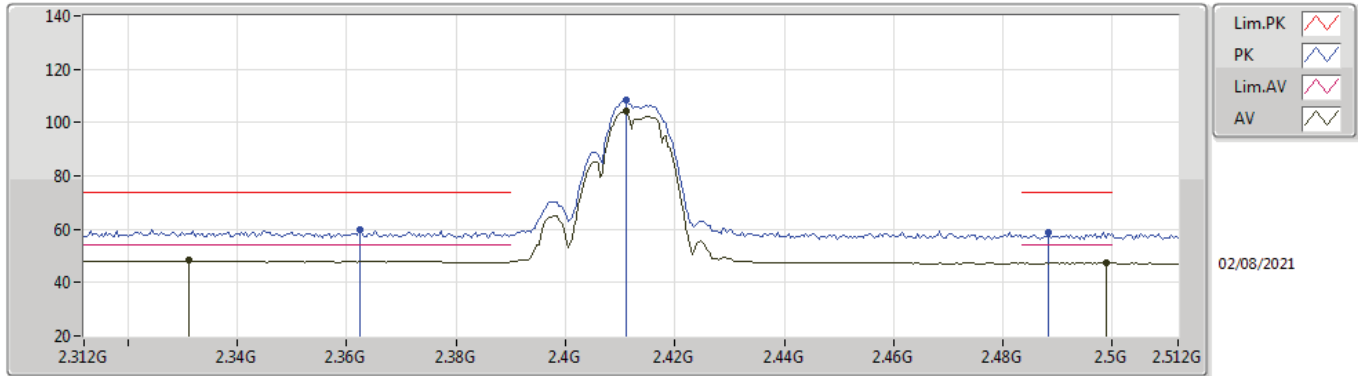
Appendix F.3

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2437MHz	Pass	AV	7.32412G	39.90	54.00	-14.10	3	Horizontal	40	1.56	-
2437MHz	Pass	PK	4.874G	45.40	74.00	-28.60	3	Horizontal	0	1.90	-
2437MHz	Pass	PK	7.32868G	50.61	74.00	-23.39	3	Horizontal	40	1.56	-
2447MHz	Pass	AV	2.349G	49.86	54.00	-4.14	3	Vertical	134	1.50	-
2447MHz	Pass	AV	2.4394G	85.12	Inf	-Inf	3	Vertical	134	1.50	-
2447MHz	Pass	AV	2.4854G	49.28	54.00	-4.72	3	Vertical	134	1.50	-
2447MHz	Pass	PK	2.3598G	59.50	74.00	-14.50	3	Vertical	134	1.50	-
2447MHz	Pass	PK	2.4422G	95.65	Inf	-Inf	3	Vertical	134	1.50	-
2447MHz	Pass	PK	2.4918G	59.65	74.00	-14.35	3	Vertical	134	1.50	-
2447MHz	Pass	AV	2.3718G	49.84	54.00	-4.16	3	Horizontal	1	1.85	-
2447MHz	Pass	AV	2.445G	97.98	Inf	-Inf	3	Horizontal	1	1.85	-
2447MHz	Pass	AV	2.4835G	53.33	54.00	-0.67	3	Horizontal	1	1.85	-
2447MHz	Pass	PK	2.3518G	59.69	74.00	-14.31	3	Horizontal	1	1.85	-
2447MHz	Pass	PK	2.4446G	109.28	Inf	-Inf	3	Horizontal	1	1.85	-
2447MHz	Pass	PK	2.4846G	65.07	74.00	-8.93	3	Horizontal	1	1.85	-
2452MHz	Pass	AV	2.3692G	49.54	54.00	-4.46	3	Vertical	134	1.50	-
2452MHz	Pass	AV	2.444G	83.41	Inf	-Inf	3	Vertical	134	1.50	-
2452MHz	Pass	AV	2.488G	49.16	54.00	-4.84	3	Vertical	134	1.50	-
2452MHz	Pass	PK	2.3568G	59.67	74.00	-14.33	3	Vertical	134	1.50	-
2452MHz	Pass	PK	2.4472G	93.37	Inf	-Inf	3	Vertical	134	1.50	-
2452MHz	Pass	PK	2.4856G	58.88	74.00	-15.12	3	Vertical	134	1.50	-
2452MHz	Pass	AV	2.3844G	49.82	54.00	-4.18	3	Horizontal	4	1.50	-
2452MHz	Pass	AV	2.4496G	97.67	Inf	-Inf	3	Horizontal	4	1.50	-
2452MHz	Pass	AV	2.4888G	53.42	54.00	-0.58	3	Horizontal	4	1.50	-
2452MHz	Pass	PK	2.3764G	59.98	74.00	-14.02	3	Horizontal	4	1.50	-
2452MHz	Pass	PK	2.4496G	109.60	Inf	-Inf	3	Horizontal	4	1.50	-
2452MHz	Pass	PK	2.4892G	65.02	74.00	-8.98	3	Horizontal	4	1.50	-
2452MHz	Pass	AV	4.89816G	33.57	54.00	-20.43	3	Vertical	253	1.50	-
2452MHz	Pass	AV	7.35824G	40.20	54.00	-13.80	3	Vertical	356	1.91	-
2452MHz	Pass	PK	4.90072G	44.59	74.00	-29.41	3	Vertical	253	1.50	-
2452MHz	Pass	PK	7.344G	50.72	74.00	-23.28	3	Vertical	356	1.91	-
2452MHz	Pass	AV	4.904G	35.25	54.00	-18.75	3	Horizontal	0	1.68	-
2452MHz	Pass	AV	7.34992G	40.08	54.00	-13.92	3	Horizontal	182	1.66	-
2452MHz	Pass	PK	4.91664G	44.68	74.00	-29.32	3	Horizontal	0	1.68	-
2452MHz	Pass	PK	7.34776G	51.11	74.00	-22.89	3	Horizontal	182	1.66	-



802.11b_Nss1,(1Mbps)_4TX

2412MHz_TX

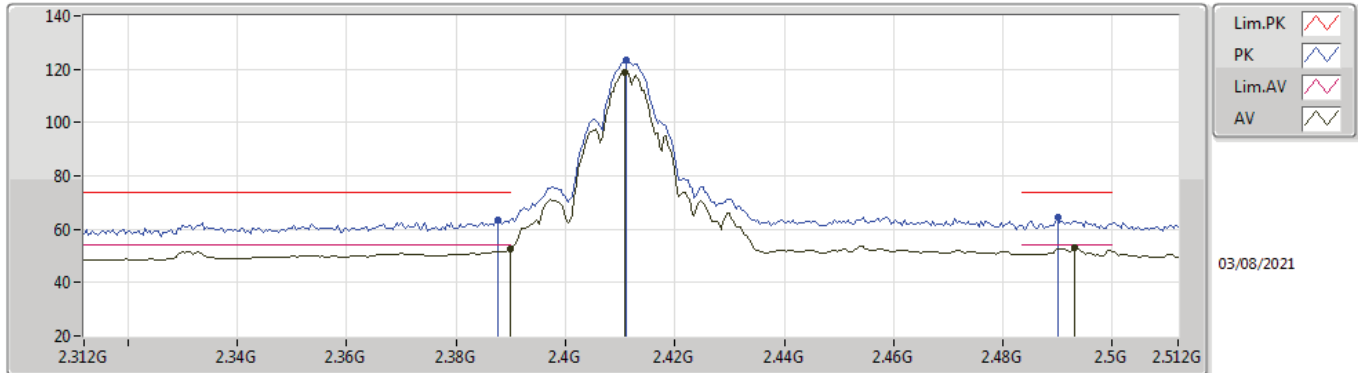


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3312G	48.29	54.00	-5.71	35.07	3	Vertical	121	1.87	-	13.22	27.84	7.23	-
AV	2.4112G	104.23	Inf	-Inf	34.90	3	Vertical	121	1.87	-	69.33	27.63	7.27	-
AV	2.4988G	47.38	54.00	-6.62	34.74	3	Vertical	121	1.87	-	12.64	27.40	7.34	-
PK	2.3624G	59.91	74.00	-14.09	35.02	3	Vertical	121	1.87	-	24.89	27.78	7.24	-
PK	2.4112G	108.33	Inf	-Inf	34.90	3	Vertical	121	1.87	-	73.43	27.63	7.27	-
PK	2.4884G	58.63	74.00	-15.37	34.73	3	Vertical	121	1.87	-	23.90	27.40	7.33	-



802.11b_Nss1,(1Mbps)_4TX

2412MHz_TX



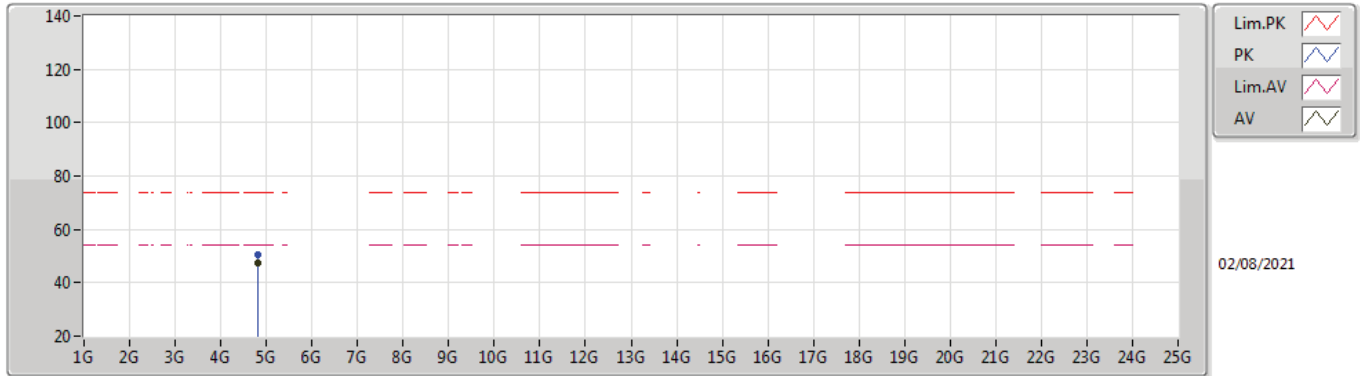
03/08/2021

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	52.71	54.00	-1.29	34.98	3	Horizontal	0	1.04	-	17.73	27.72	7.26	-
AV	2.4108G	118.63	Inf	-Inf	34.91	3	Horizontal	0	1.04	-	83.72	27.64	7.27	-
AV	2.4932G	53.02	54.00	-0.98	34.73	3	Horizontal	0	1.04	-	18.29	27.40	7.33	-
PK	2.3876G	63.55	74.00	-10.45	34.97	3	Horizontal	0	1.04	-	28.58	27.72	7.25	-
PK	2.4112G	123.25	Inf	-Inf	34.90	3	Horizontal	0	1.04	-	88.35	27.63	7.27	-
PK	2.49G	64.47	74.00	-9.53	34.73	3	Horizontal	0	1.04	-	29.74	27.40	7.33	-



802.11b_Nss1,(1Mbps)_4TX

2412MHz_TX

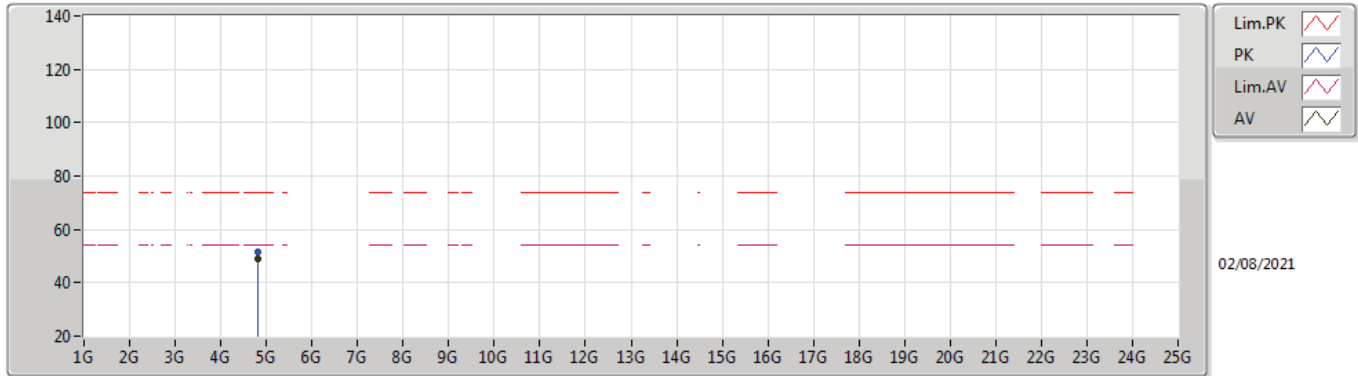


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.824G	47.36	54.00	-6.64	5.79	3	Vertical	120	1.53	-	41.57	31.15	8.92	34.28
PK	4.82394G	50.61	74.00	-23.39	5.79	3	Vertical	120	1.53	-	44.82	31.15	8.92	34.28



802.11b_Nss1,(1Mbps)_4TX

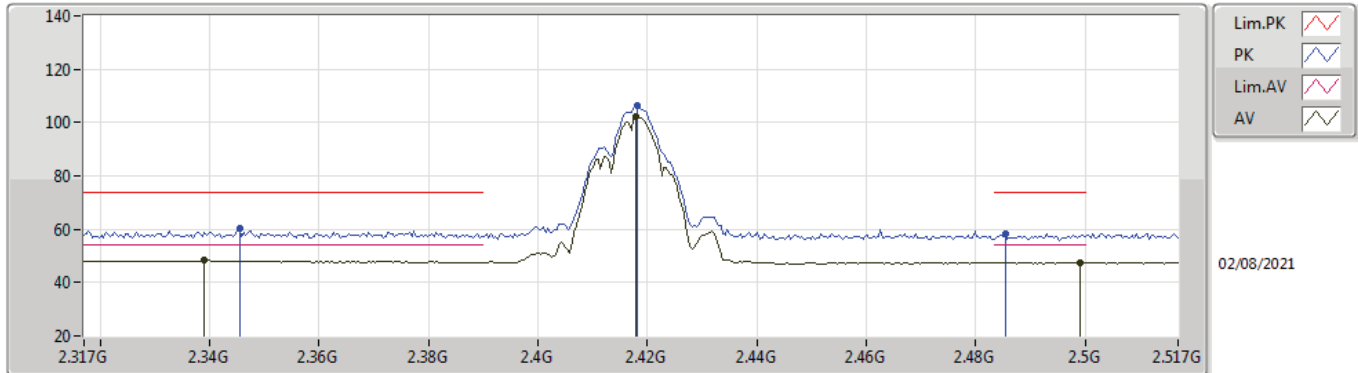
2412MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.824G	48.78	54.00	-5.22	5.79	3	Horizontal	4	1.46	-	42.99	31.15	8.92	34.28
PK	4.82394G	51.72	74.00	-22.28	5.79	3	Horizontal	4	1.46	-	45.93	31.15	8.92	34.28

802.11b_Nss1,(1Mbps)_4TX

2417MHz_TX

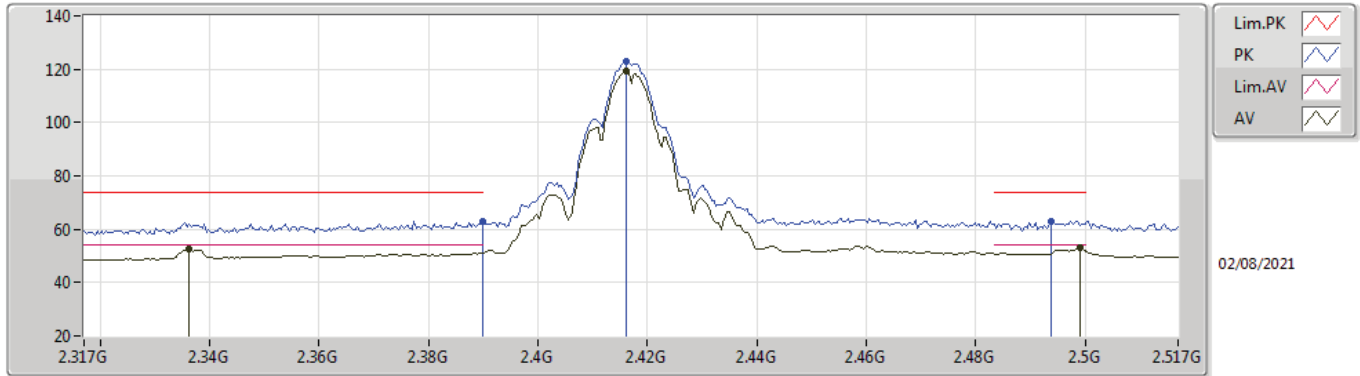


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.339G	48.23	54.00	-5.77	35.05	3	Vertical	360	1.46	-	13.18	27.82	7.23	-
AV	2.4178G	102.30	Inf	-Inf	34.86	3	Vertical	360	1.46	-	67.44	27.59	7.27	-
AV	2.499G	47.41	54.00	-6.59	34.74	3	Vertical	360	1.46	-	12.67	27.40	7.34	-
PK	2.3454G	60.49	74.00	-13.51	35.05	3	Vertical	360	1.46	-	25.44	27.81	7.24	-
PK	2.4182G	106.35	Inf	-Inf	34.86	3	Vertical	360	1.46	-	71.49	27.59	7.27	-
PK	2.4854G	58.14	74.00	-15.86	34.73	3	Vertical	360	1.46	-	23.41	27.40	7.33	-



802.11b_Nss1,(1Mbps)_4TX

2417MHz_TX

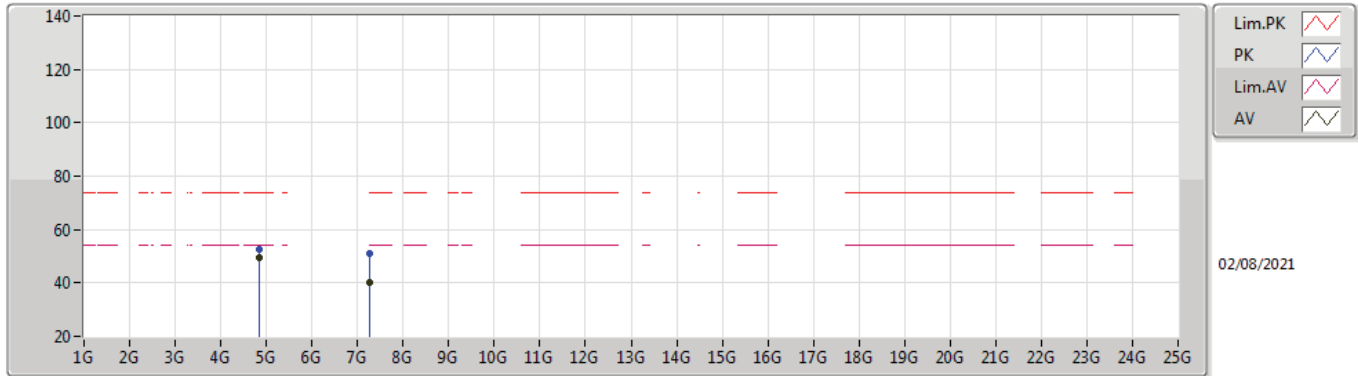


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3362G	52.74	54.00	-1.26	35.06	3	Horizontal	7	1.07	-	17.68	27.83	7.23	-
AV	2.4162G	119.40	Inf	-Inf	34.87	3	Horizontal	7	1.07	-	84.53	27.60	7.27	-
AV	2.499G	53.16	54.00	-0.84	34.74	3	Horizontal	7	1.07	-	18.42	27.40	7.34	-
PK	2.3898G	62.96	74.00	-11.04	34.98	3	Horizontal	7	1.07	-	27.98	27.72	7.26	-
PK	2.4162G	123.09	Inf	-Inf	34.87	3	Horizontal	7	1.07	-	88.22	27.60	7.27	-
PK	2.4938G	62.92	74.00	-11.08	34.74	3	Horizontal	7	1.07	-	28.18	27.40	7.34	-



802.11b_Nss1,(1Mbps)_4TX

2417MHz_TX

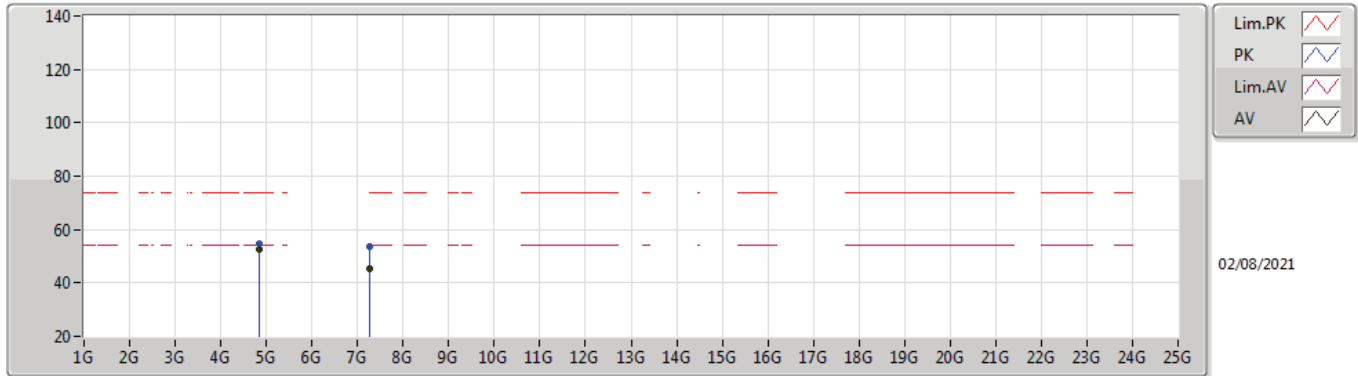


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.834G	49.54	54.00	-4.46	5.82	3	Vertical	119	1.82	-	43.72	31.17	8.93	34.28
AV	7.25188G	40.37	54.00	-13.63	12.29	3	Vertical	261	2.58	-	28.08	36.30	10.56	34.57
PK	4.83404G	52.63	74.00	-21.37	5.82	3	Vertical	119	1.82	-	46.81	31.17	8.93	34.28
PK	7.2524G	51.02	74.00	-22.98	12.29	3	Vertical	261	2.58	-	38.73	36.30	10.56	34.57



802.11b_Nss1,(1Mbps)_4TX

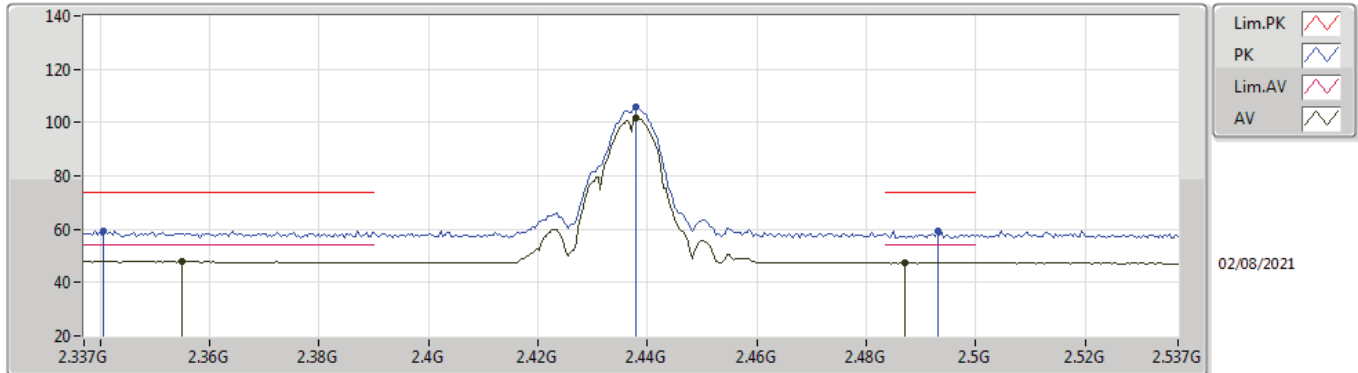
2417MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.834G	52.53	54.00	-1.47	5.82	3	Horizontal	186	1.56	-	46.71	31.17	8.93	34.28
AV	7.25176G	45.21	54.00	-8.79	12.29	3	Horizontal	54	2.43	-	32.92	36.30	10.56	34.57
PK	4.83402G	54.84	74.00	-19.16	5.82	3	Horizontal	186	1.56	-	49.02	31.17	8.93	34.28
PK	7.25208G	53.84	74.00	-20.16	12.29	3	Horizontal	54	2.43	-	41.55	36.30	10.56	34.57

802.11b_Nss1,(1Mbps)_4TX

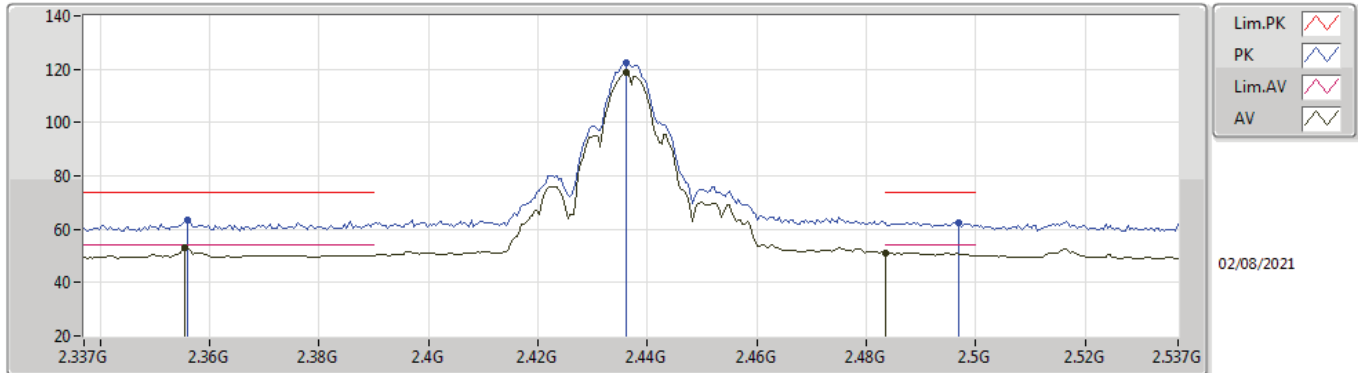
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.355G	47.87	54.00	-6.13	35.03	3	Vertical	265	1.31	-	12.84	27.79	7.24	-
AV	2.4378G	101.65	Inf	-Inf	34.76	3	Vertical	265	1.31	-	66.89	27.47	7.29	-
AV	2.487G	47.40	54.00	-6.60	34.73	3	Vertical	265	1.31	-	12.67	27.40	7.33	-
PK	2.3406G	59.56	74.00	-14.44	35.05	3	Vertical	265	1.31	-	24.51	27.82	7.23	-
PK	2.4378G	105.67	Inf	-Inf	34.76	3	Vertical	265	1.31	-	70.91	27.47	7.29	-
PK	2.493G	59.40	74.00	-14.60	34.73	3	Vertical	265	1.31	-	24.67	27.40	7.33	-

802.11b_Nss1,(1Mbps)_4TX

2437MHz_TX

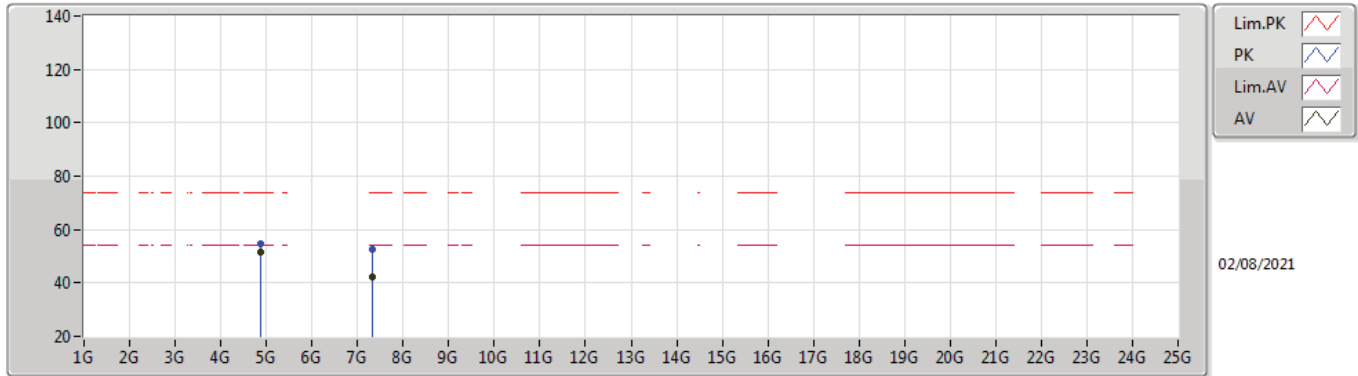


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3554G	53.19	54.00	-0.81	35.03	3	Horizontal	0	1.00	-	18.16	27.79	7.24	-
AV	2.4362G	118.63	Inf	-Inf	34.77	3	Horizontal	0	1.00	-	83.86	27.48	7.29	-
AV	2.4835G	51.25	54.00	-2.75	34.73	3	Horizontal	0	1.00	-	16.52	27.40	7.33	-
PK	2.3558G	63.22	74.00	-10.78	35.03	3	Horizontal	0	1.00	-	28.19	27.79	7.24	-
PK	2.4362G	122.36	Inf	-Inf	34.77	3	Horizontal	0	1.00	-	87.59	27.48	7.29	-
PK	2.497G	62.48	74.00	-11.52	34.74	3	Horizontal	0	1.00	-	27.74	27.40	7.34	-



802.11b_Nss1,(1Mbps)_4TX

2437MHz_TX

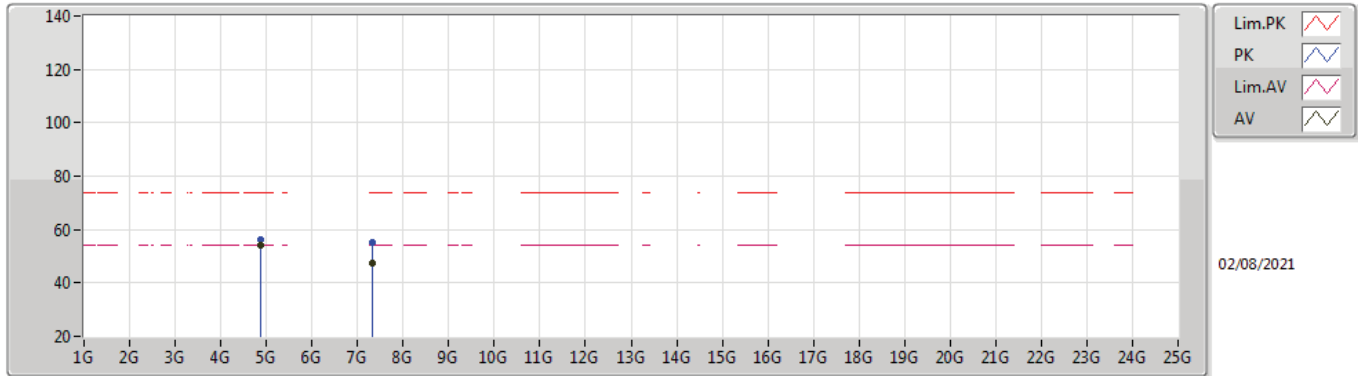


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.87402G	51.63	54.00	-2.37	5.90	3	Vertical	120	1.46	-	45.73	31.20	8.96	34.26
AV	7.31172G	42.37	54.00	-11.63	12.43	3	Vertical	139	3.00	-	29.94	36.38	10.62	34.57
PK	4.87406G	54.43	74.00	-19.57	5.90	3	Vertical	120	1.46	-	48.53	31.20	8.96	34.26
PK	7.31238G	52.43	74.00	-21.57	12.43	3	Vertical	139	3.00	-	40.00	36.38	10.62	34.57



802.11b_Nss1,(1Mbps)_4TX

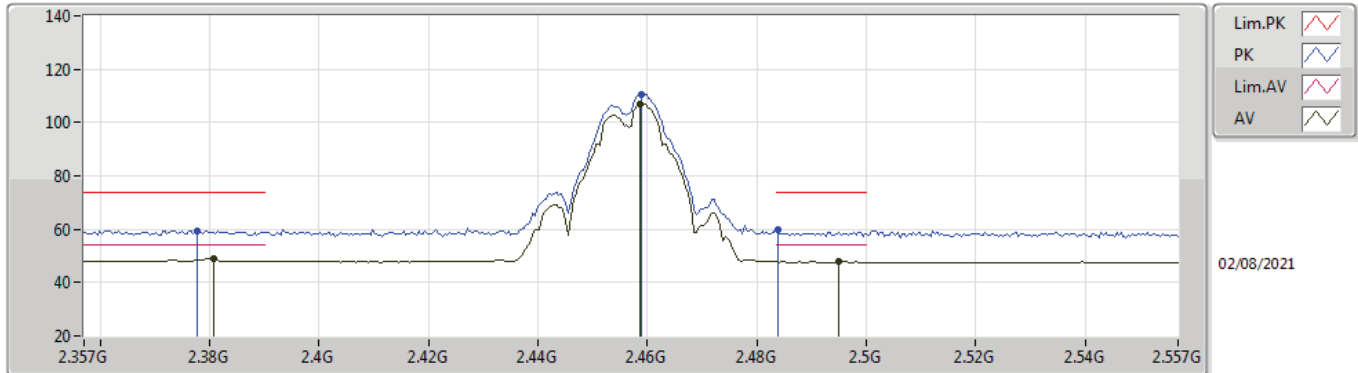
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.87402G	53.89	54.00	-0.11	5.90	3	Horizontal	9	1.44	-	47.99	31.20	8.96	34.26
AV	7.31028G	47.56	54.00	-6.44	12.43	3	Horizontal	162	1.69	-	35.13	36.38	10.62	34.57
PK	4.87396G	56.45	74.00	-17.55	5.90	3	Horizontal	9	1.44	-	50.55	31.20	8.96	34.26
PK	7.3105G	55.08	74.00	-18.92	12.43	3	Horizontal	162	1.69	-	42.65	36.38	10.62	34.57

802.11b_Nss1,(1Mbps)_4TX

2457MHz_TX

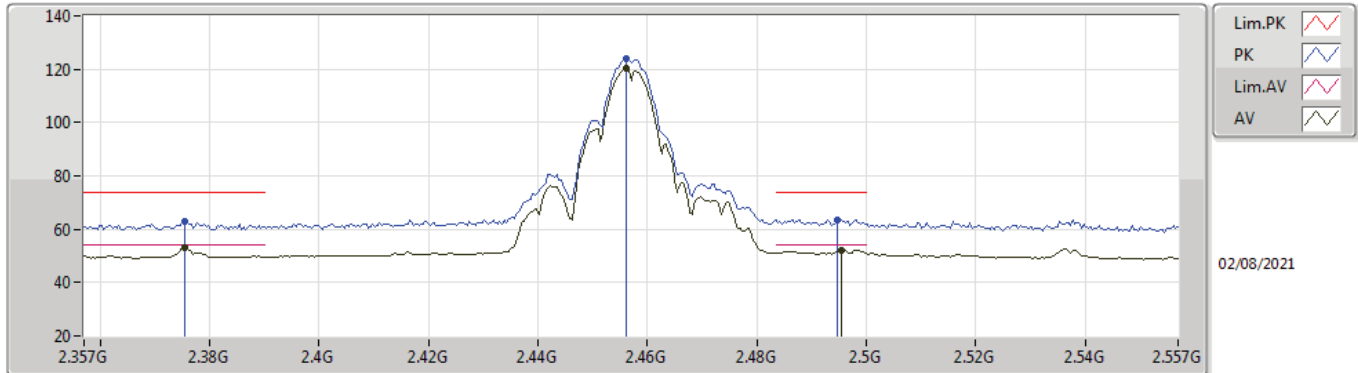


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3806G	49.06	54.00	-4.94	34.99	3	Vertical	78	2.50	-	14.07	27.74	7.25	-
AV	2.4586G	107.03	Inf	-Inf	34.71	3	Vertical	78	2.50	-	72.32	27.40	7.31	-
AV	2.495G	47.98	54.00	-6.02	34.74	3	Vertical	78	2.50	-	13.24	27.40	7.34	-
PK	2.3778G	59.53	74.00	-14.47	34.99	3	Vertical	78	2.50	-	24.54	27.74	7.25	-
PK	2.459G	110.53	Inf	-Inf	34.71	3	Vertical	78	2.50	-	75.82	27.40	7.31	-
PK	2.4838G	59.75	74.00	-14.25	34.73	3	Vertical	78	2.50	-	25.02	27.40	7.33	-



802.11b_Nss1,(1Mbps)_4TX

2457MHz_TX

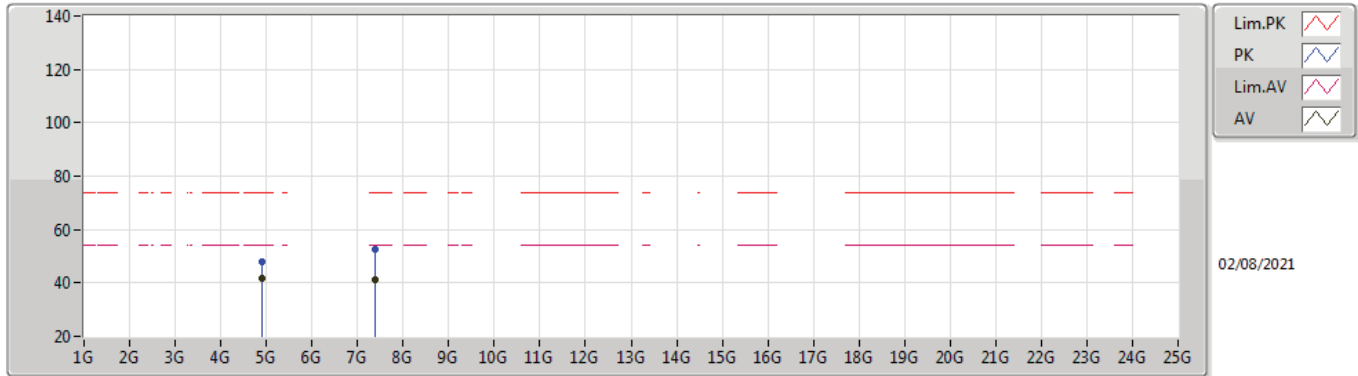


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3754G	52.98	54.00	-1.02	35.00	3	Horizontal	5	1.04	-	17.98	27.75	7.25	-
AV	2.4562G	120.41	Inf	-Inf	34.70	3	Horizontal	5	1.04	-	85.71	27.40	7.30	-
AV	2.4954G	52.23	54.00	-1.77	34.74	3	Horizontal	5	1.04	-	17.49	27.40	7.34	-
PK	2.3754G	62.81	74.00	-11.19	35.00	3	Horizontal	5	1.04	-	27.81	27.75	7.25	-
PK	2.4562G	124.10	Inf	-Inf	34.70	3	Horizontal	5	1.04	-	89.40	27.40	7.30	-
PK	2.4946G	63.59	74.00	-10.41	34.74	3	Horizontal	5	1.04	-	28.85	27.40	7.34	-



802.11b_Nss1,(1Mbps)_4TX

2457MHz_TX

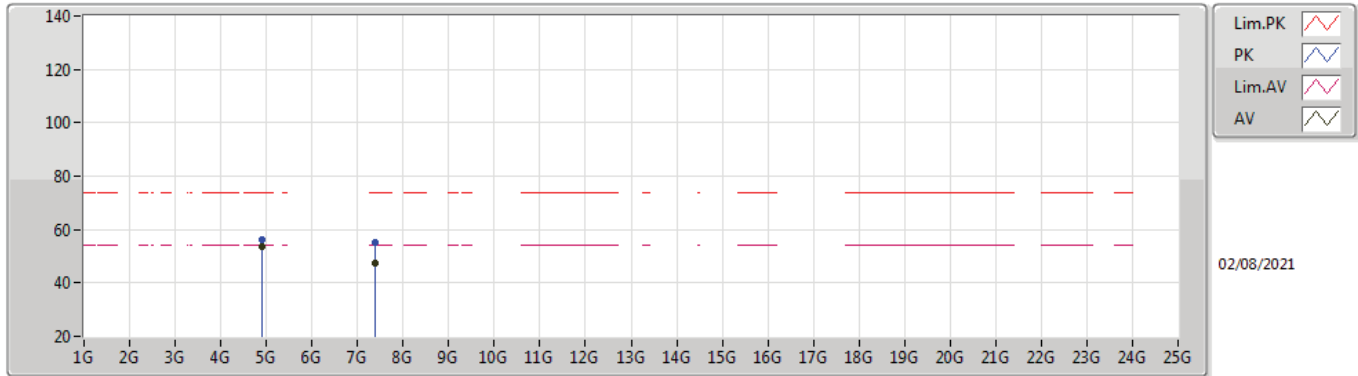


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.91398G	41.51	54.00	-12.49	6.00	3	Vertical	120	1.56	-	35.51	31.26	8.99	34.25
AV	7.37178G	41.11	54.00	-12.89	12.36	3	Vertical	138	2.70	-	28.75	36.26	10.68	34.58
PK	4.91388G	47.97	74.00	-26.03	6.00	3	Vertical	120	1.56	-	41.97	31.26	8.99	34.25
PK	7.37198G	52.42	74.00	-21.58	12.36	3	Vertical	138	2.70	-	40.06	36.26	10.68	34.58



802.11b_Nss1,(1Mbps)_4TX

2457MHz_TX

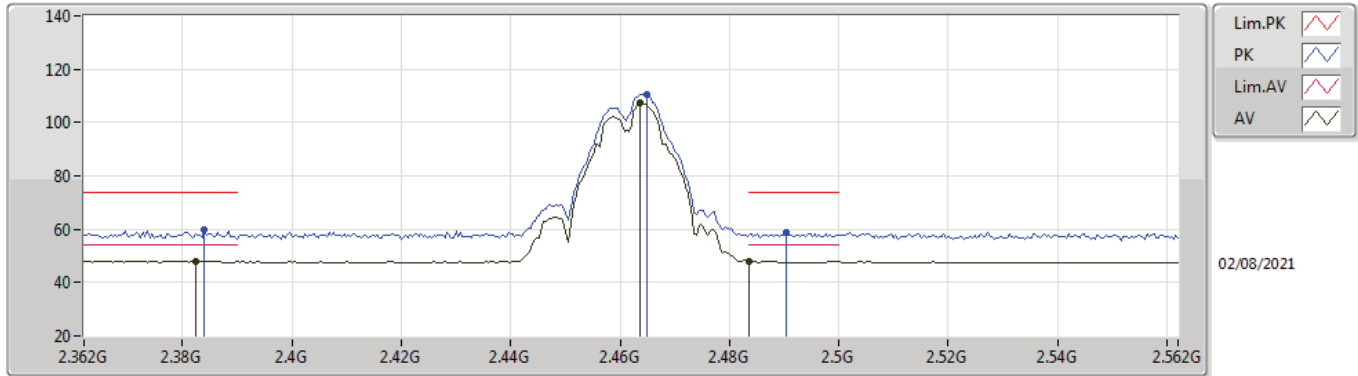


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.914G	53.58	54.00	-0.42	6.00	3	Horizontal	0	1.50	-	47.58	31.26	8.99	34.25
AV	7.37174G	47.32	54.00	-6.68	12.36	3	Horizontal	57	1.73	-	34.96	36.26	10.68	34.58
PK	4.91394G	56.07	74.00	-17.93	6.00	3	Horizontal	0	1.50	-	50.07	31.26	8.99	34.25
PK	7.37148G	55.12	74.00	-18.88	12.36	3	Horizontal	57	1.73	-	42.76	36.26	10.68	34.58



802.11b_Nss1,(1Mbps)_4TX

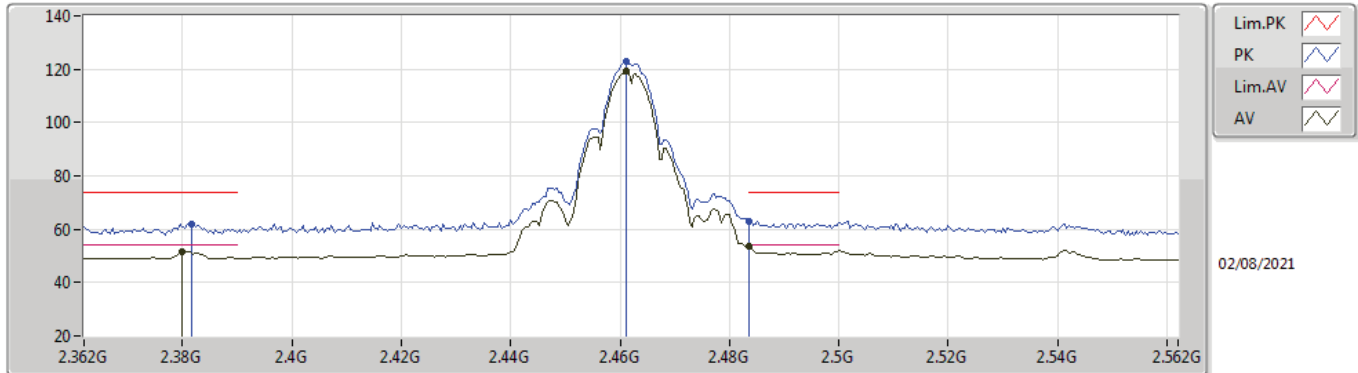
2462MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3824G	47.96	54.00	-6.04	34.99	3	Vertical	78	2.68	-	12.97	27.74	7.25	-
AV	2.4636G	107.24	Inf	-Inf	34.71	3	Vertical	78	2.68	-	72.53	27.40	7.31	-
AV	2.4835G	48.18	54.00	-5.82	34.73	3	Vertical	78	2.68	-	13.45	27.40	7.33	-
PK	2.384G	59.76	74.00	-14.24	34.98	3	Vertical	78	2.68	-	24.78	27.73	7.25	-
PK	2.4648G	110.73	Inf	-Inf	34.71	3	Vertical	78	2.68	-	76.02	27.40	7.31	-
PK	2.4904G	58.92	74.00	-15.08	34.73	3	Vertical	78	2.68	-	24.19	27.40	7.33	-

802.11b_Nss1,(1Mbps)_4TX

2462MHz_TX

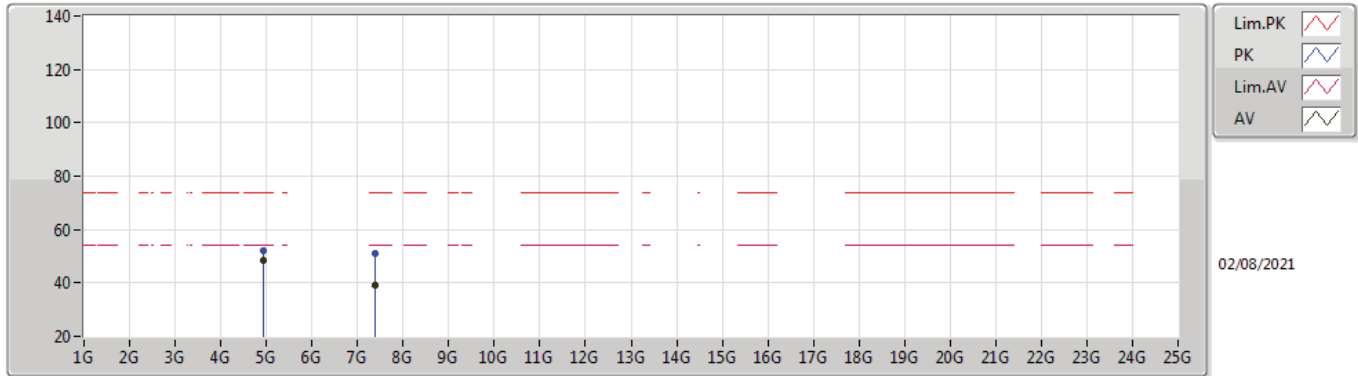


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.38G	51.56	54.00	-2.44	34.99	3	Horizontal	5	1.01	-	16.57	27.74	7.25	-
AV	2.4612G	119.11	Inf	-Inf	34.71	3	Horizontal	5	1.01	-	84.40	27.40	7.31	-
AV	2.4835G	53.47	54.00	-0.53	34.73	3	Horizontal	5	1.01	-	18.74	27.40	7.33	-
PK	2.3816G	62.01	74.00	-11.99	34.99	3	Horizontal	5	1.01	-	27.02	27.74	7.25	-
PK	2.4612G	122.81	Inf	-Inf	34.71	3	Horizontal	5	1.01	-	88.10	27.40	7.31	-
PK	2.4835G	63.14	74.00	-10.86	34.73	3	Horizontal	5	1.01	-	28.41	27.40	7.33	-



802.11b_Nss1,(1Mbps)_4TX

2462MHz_TX

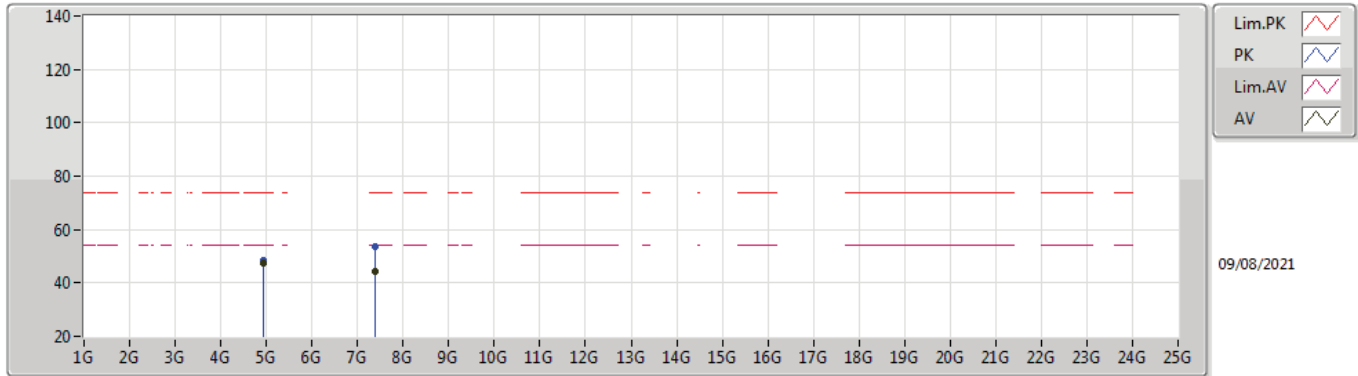


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.924G	48.64	54.00	-5.36	6.04	3	Vertical	121	1.32	-	42.60	31.30	8.99	34.25
AV	7.3868G	39.24	54.00	-14.76	12.35	3	Vertical	132	2.68	-	26.89	36.23	10.70	34.58
PK	4.92408G	51.99	74.00	-22.01	6.04	3	Vertical	121	1.32	-	45.95	31.30	8.99	34.25
PK	7.38842G	51.19	74.00	-22.81	12.34	3	Vertical	132	2.68	-	38.85	36.22	10.70	34.58



802.11b_Nss1,(1Mbps)_4TX

2462MHz_TX

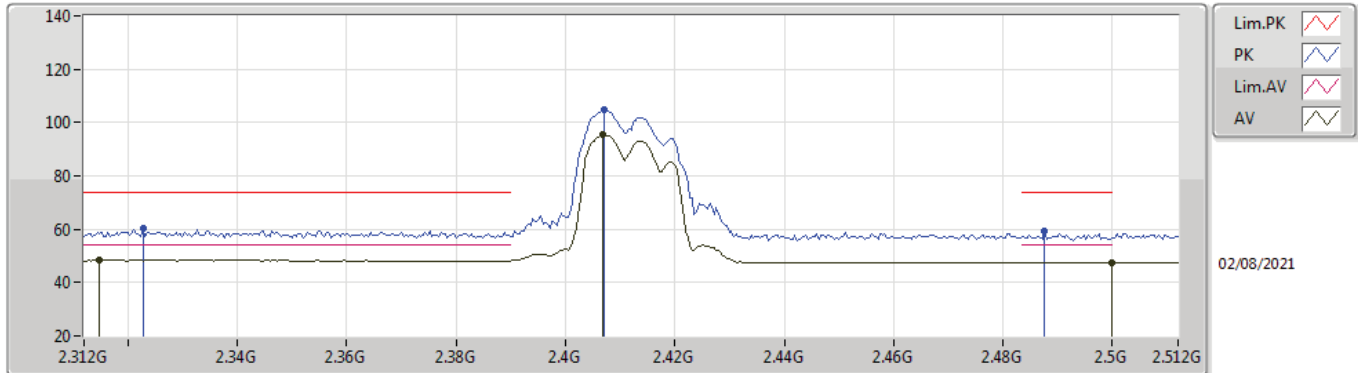


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.92391G	47.63	54.00	-6.37	6.04	3	Horizontal	52	1.50	-	41.59	31.30	8.99	34.25
AV	7.38672G	44.24	54.00	-9.76	12.35	3	Horizontal	58	1.83	-	31.89	36.23	10.70	34.58
PK	4.92392G	48.59	74.00	-25.41	6.04	3	Horizontal	52	1.50	-	42.55	31.30	8.99	34.25
PK	7.38695G	53.43	74.00	-20.57	12.35	3	Horizontal	58	1.83	-	41.08	36.23	10.70	34.58



802.11g_Nss1,(6Mbps)_4TX

2412MHz_TX

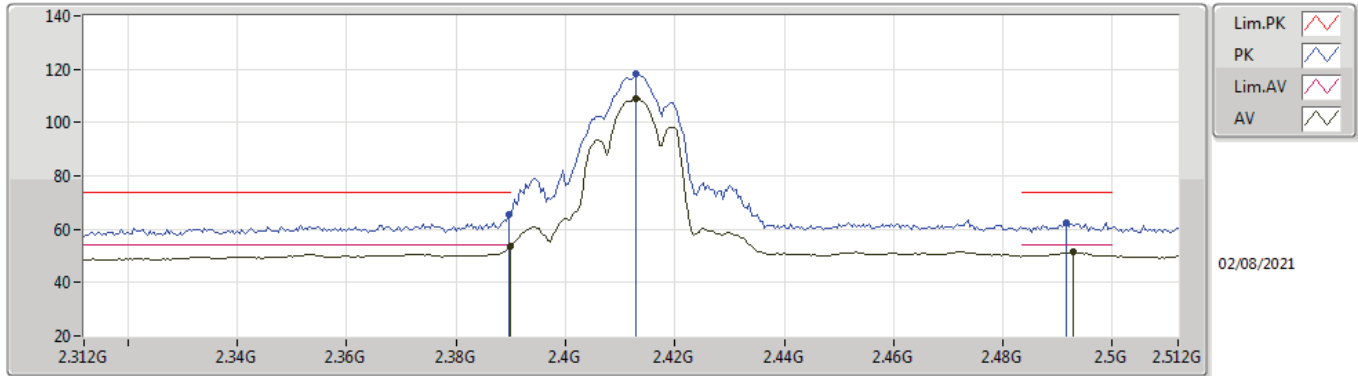


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3148G	48.47	54.00	-5.53	35.09	3	Vertical	134	1.76	-	13.38	27.87	7.22	-
AV	2.4068G	95.49	Inf	-Inf	34.93	3	Vertical	134	1.76	-	60.56	27.66	7.27	-
AV	2.5G	47.60	54.00	-6.40	34.74	3	Vertical	134	1.76	-	12.86	27.40	7.34	-
PK	2.3228G	60.32	74.00	-13.68	35.08	3	Vertical	134	1.76	-	25.24	27.85	7.23	-
PK	2.4072G	104.71	Inf	-Inf	34.93	3	Vertical	134	1.76	-	69.78	27.66	7.27	-
PK	2.4876G	59.34	74.00	-14.66	34.73	3	Vertical	134	1.76	-	24.61	27.40	7.33	-



802.11g_Nss1,(6Mbps)_4TX

2412MHz_TX

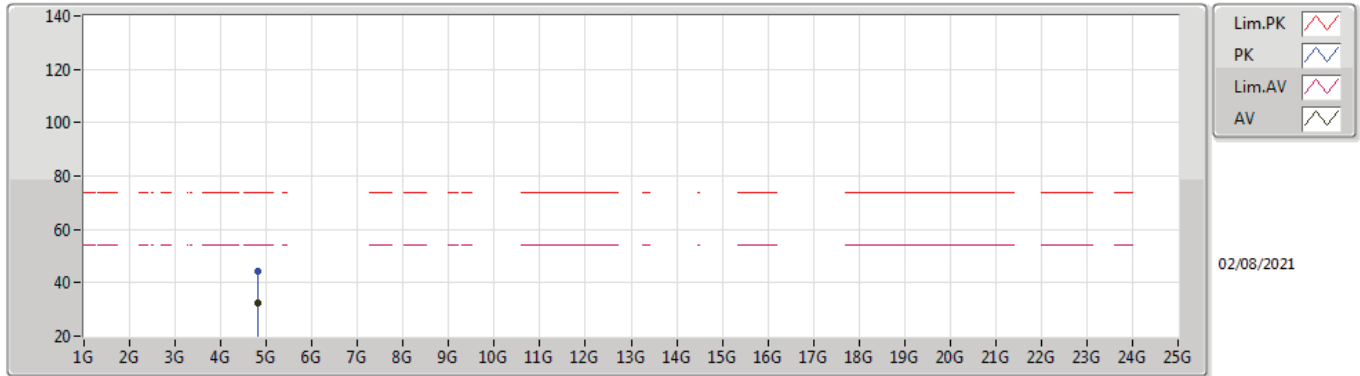


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	53.69	54.00	-0.31	34.98	3	Horizontal	5	1.03	-	18.71	27.72	7.26	-
AV	2.4128G	109.22	Inf	-Inf	34.89	3	Horizontal	5	1.03	-	74.33	27.62	7.27	-
AV	2.4928G	51.48	54.00	-2.52	34.73	3	Horizontal	5	1.03	-	16.75	27.40	7.33	-
PK	2.3896G	65.36	74.00	-8.64	34.98	3	Horizontal	5	1.03	-	30.38	27.72	7.26	-
PK	2.4128G	118.22	Inf	-Inf	34.89	3	Horizontal	5	1.03	-	83.33	27.62	7.27	-
PK	2.4916G	62.66	74.00	-11.34	34.73	3	Horizontal	5	1.03	-	27.93	27.40	7.33	-



802.11g_Nss1,(6Mbps)_4TX

2412MHz_TX

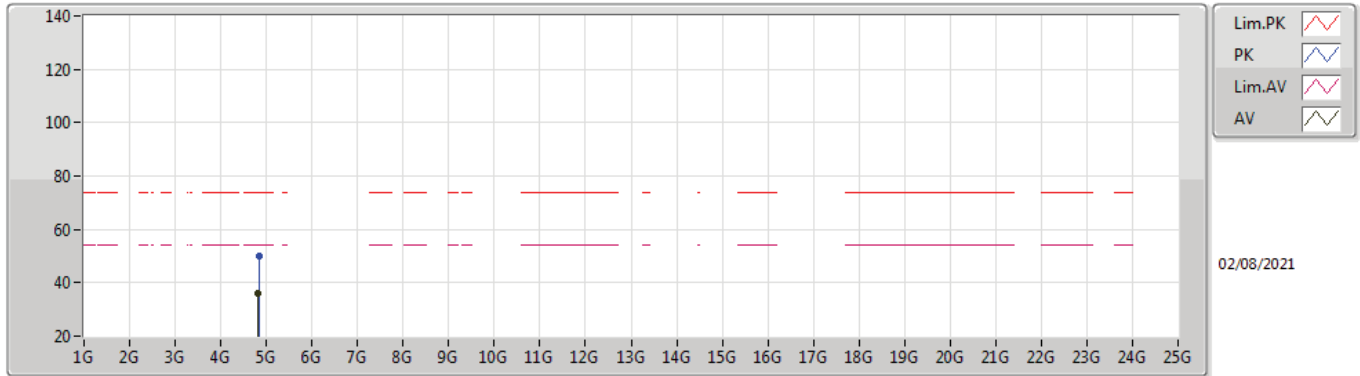


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.8248G	32.21	54.00	-21.79	5.79	3	Vertical	122	1.50	-	26.42	31.15	8.92	34.28
PK	4.824G	44.50	74.00	-29.50	5.79	3	Vertical	122	1.50	-	38.71	31.15	8.92	34.28



802.11g_Nss1,(6Mbps)_4TX

2412MHz_TX



Lim.PK
 PK
 Lim.AV
 AV

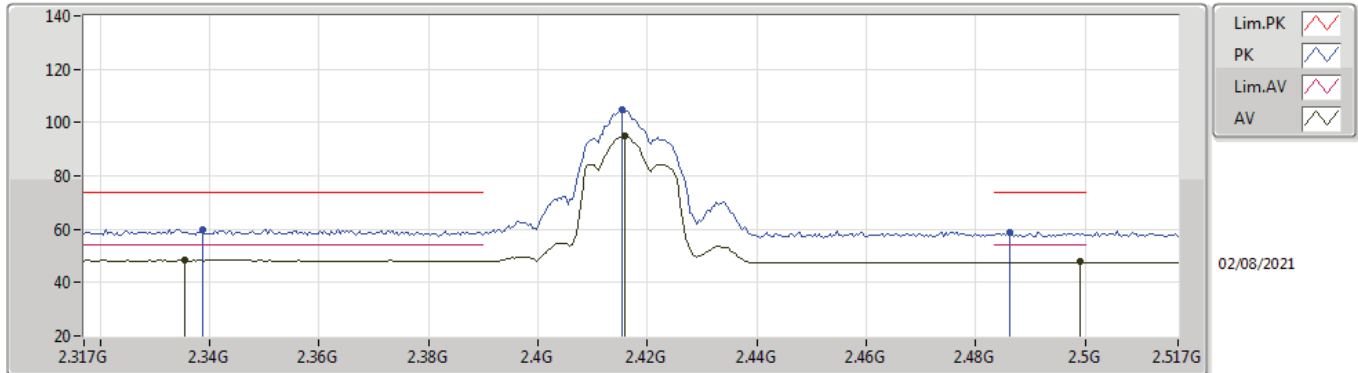
02/08/2021

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.82776G	35.88	54.00	-18.12	5.80	3	Horizontal	7	1.39	-	30.08	31.16	8.92	34.28
PK	4.82976G	50.10	74.00	-23.90	5.80	3	Horizontal	7	1.39	-	44.30	31.16	8.92	34.28



802.11g_Nss1,(6Mbps)_4TX

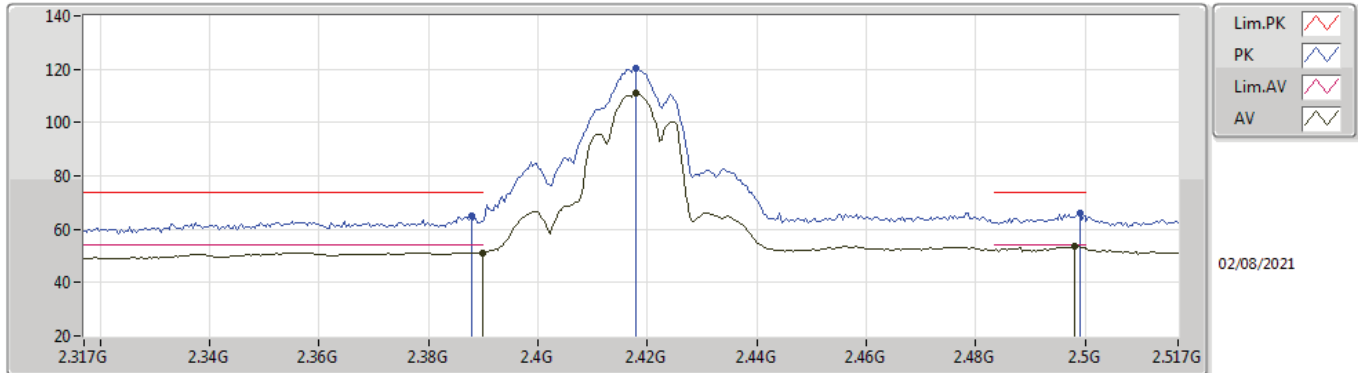
2417MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3354G	48.39	54.00	-5.61	35.06	3	Vertical	360	1.48	-	13.33	27.83	7.23	-
AV	2.4158G	94.97	Inf	-Inf	34.88	3	Vertical	360	1.48	-	60.09	27.61	7.27	-
AV	2.499G	47.71	54.00	-6.29	34.74	3	Vertical	360	1.48	-	12.97	27.40	7.34	-
PK	2.3386G	59.87	74.00	-14.13	35.05	3	Vertical	360	1.48	-	24.82	27.82	7.23	-
PK	2.4154G	104.60	Inf	-Inf	34.88	3	Vertical	360	1.48	-	69.72	27.61	7.27	-
PK	2.4862G	58.84	74.00	-15.16	34.73	3	Vertical	360	1.48	-	24.11	27.40	7.33	-

802.11g_Nss1,(6Mbps)_4TX

2417MHz_TX

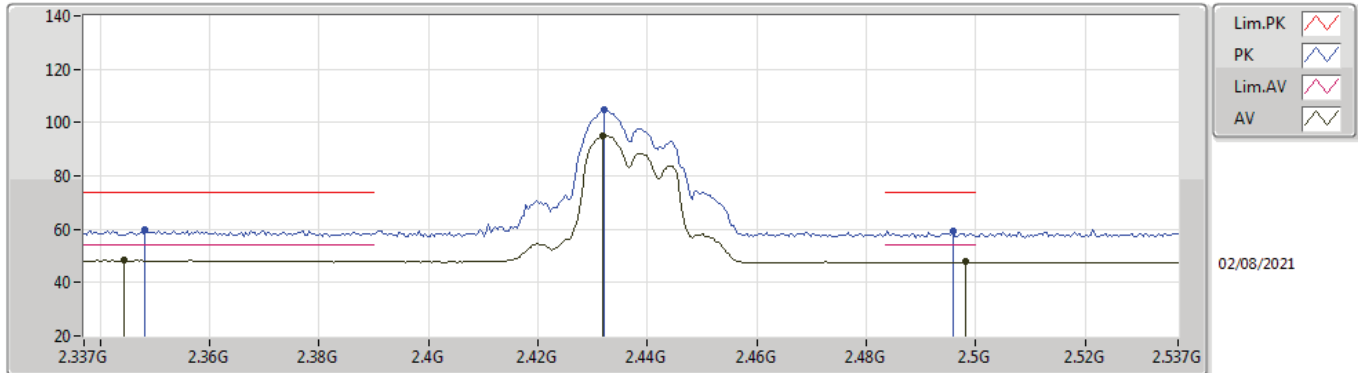


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	51.27	54.00	-2.73	34.98	3	Horizontal	5	1.04	-	16.29	27.72	7.26	-
AV	2.4178G	110.97	Inf	-Inf	34.86	3	Horizontal	5	1.04	-	76.11	27.59	7.27	-
AV	2.4982G	53.58	54.00	-0.42	34.74	3	Horizontal	5	1.04	-	18.84	27.40	7.34	-
PK	2.3878G	64.78	74.00	-9.22	34.97	3	Horizontal	5	1.04	-	29.81	27.72	7.25	-
PK	2.4178G	120.18	Inf	-Inf	34.86	3	Horizontal	5	1.04	-	85.32	27.59	7.27	-
PK	2.499G	66.11	74.00	-7.89	34.74	3	Horizontal	5	1.04	-	31.37	27.40	7.34	-



802.11g_Nss1,(6Mbps)_4TX

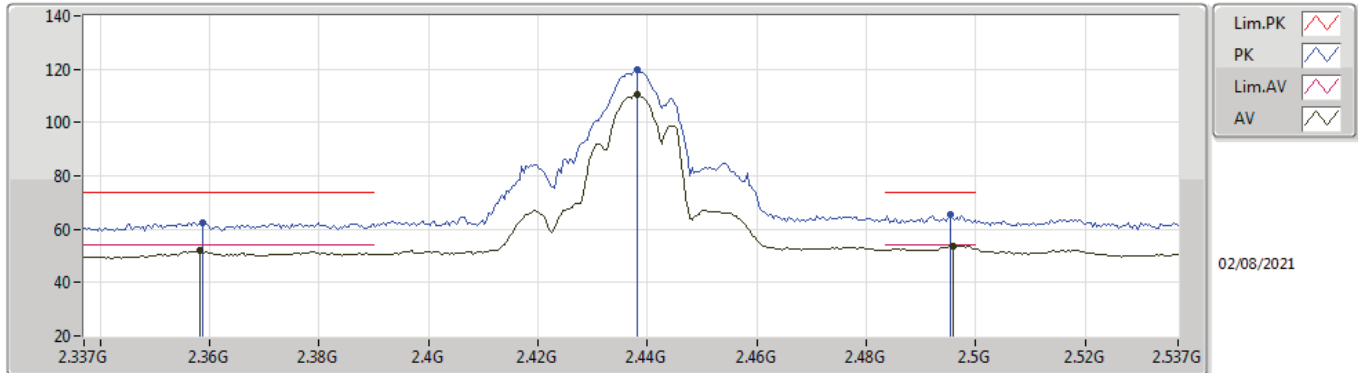
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3442G	48.33	54.00	-5.67	35.04	3	Vertical	131	1.70	-	13.29	27.81	7.23	-
AV	2.4318G	95.00	Inf	-Inf	34.80	3	Vertical	131	1.70	-	60.20	27.51	7.29	-
AV	2.4982G	47.69	54.00	-6.31	34.74	3	Vertical	131	1.70	-	12.95	27.40	7.34	-
PK	2.3482G	59.87	74.00	-14.13	35.04	3	Vertical	131	1.70	-	24.83	27.80	7.24	-
PK	2.4322G	104.63	Inf	-Inf	34.80	3	Vertical	131	1.70	-	69.83	27.51	7.29	-
PK	2.4958G	59.18	74.00	-14.82	34.74	3	Vertical	131	1.70	-	24.44	27.40	7.34	-

802.11g_Nss1,(6Mbps)_4TX

2437MHz_TX

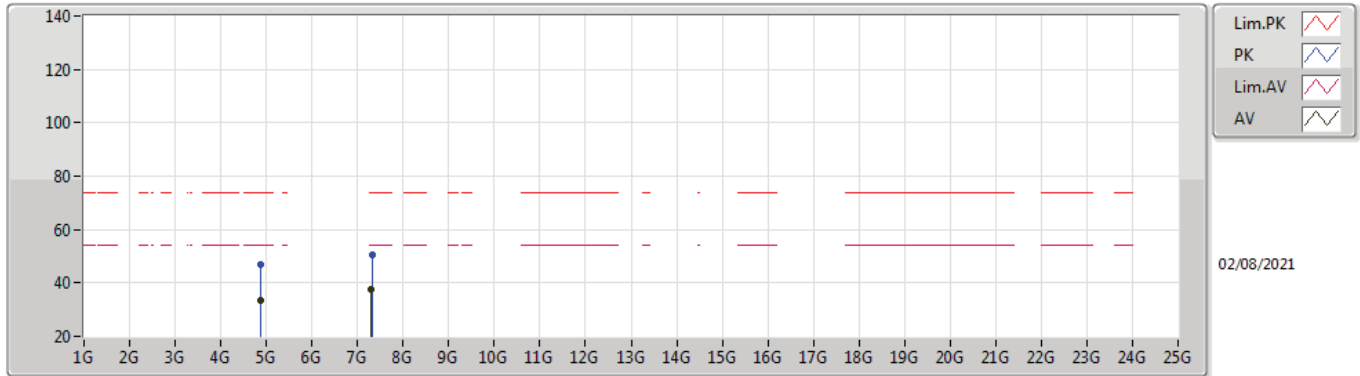


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3582G	51.85	54.00	-2.15	35.02	3	Horizontal	5	1.00	-	16.83	27.78	7.24	-
AV	2.4382G	110.44	Inf	-Inf	34.76	3	Horizontal	5	1.00	-	75.68	27.47	7.29	-
AV	2.4958G	53.74	54.00	-0.26	34.74	3	Horizontal	5	1.00	-	19.00	27.40	7.34	-
PK	2.3586G	62.53	74.00	-11.47	35.02	3	Horizontal	5	1.00	-	27.51	27.78	7.24	-
PK	2.4382G	119.92	Inf	-Inf	34.76	3	Horizontal	5	1.00	-	85.16	27.47	7.29	-
PK	2.4954G	65.63	74.00	-8.37	34.74	3	Horizontal	5	1.00	-	30.89	27.40	7.34	-



802.11g_Nss1,(6Mbps)_4TX

2437MHz_TX

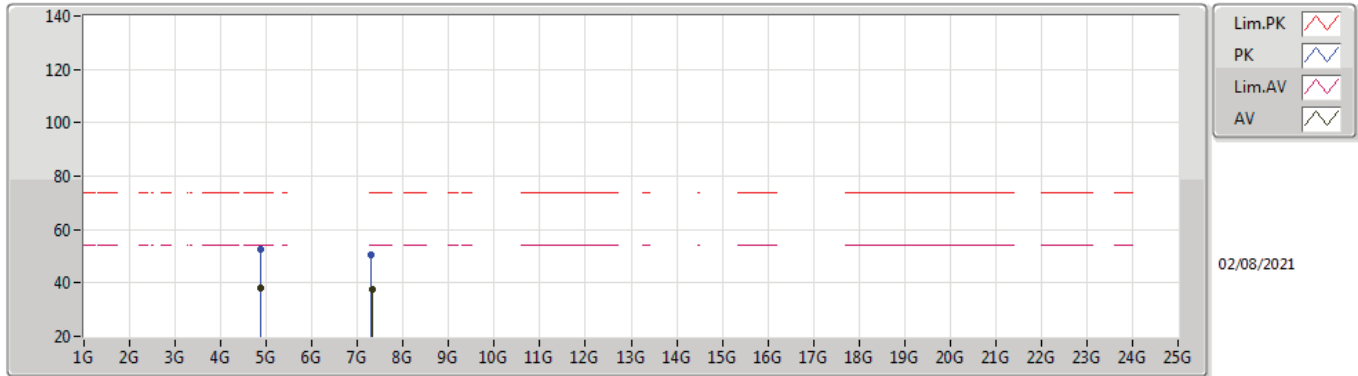


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.87526G	33.60	54.00	-20.40	5.90	3	Vertical	121	1.48	-	27.70	31.20	8.96	34.26
AV	7.3059G	37.57	54.00	-16.43	12.44	3	Vertical	90	2.07	-	25.13	36.39	10.62	34.57
PK	4.87628G	47.09	74.00	-26.91	5.90	3	Vertical	121	1.48	-	41.19	31.20	8.96	34.26
PK	7.32546G	50.45	74.00	-23.55	12.41	3	Vertical	90	2.07	-	38.04	36.35	10.64	34.58



802.11g_Nss1,(6Mbps)_4TX

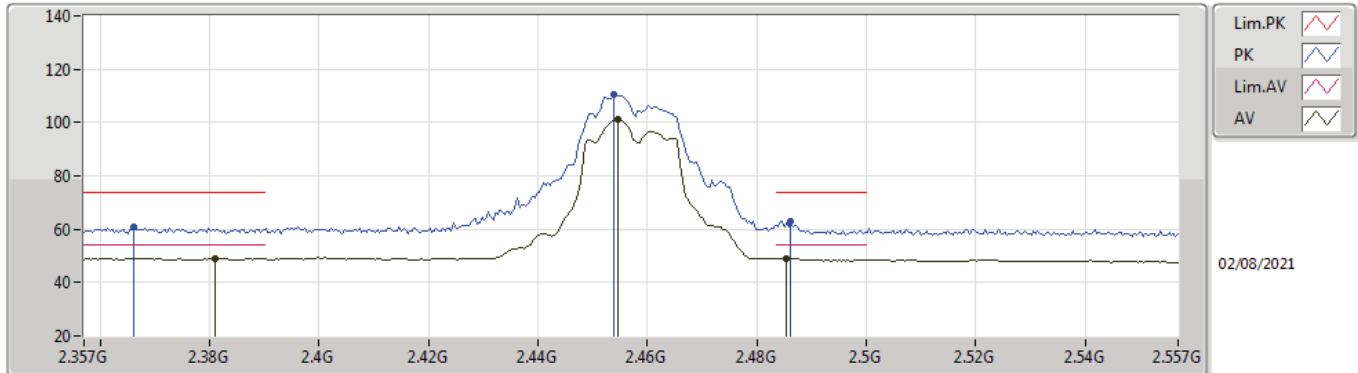
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.87802G	38.33	54.00	-15.67	5.90	3	Horizontal	4	1.32	-	32.43	31.20	8.96	34.26
AV	7.3107G	37.69	54.00	-16.31	12.43	3	Horizontal	159	1.60	-	25.26	36.38	10.62	34.57
PK	4.87994G	52.65	74.00	-21.35	5.90	3	Horizontal	4	1.32	-	46.75	31.20	8.96	34.26
PK	7.3059G	50.53	74.00	-23.47	12.44	3	Horizontal	159	1.60	-	38.09	36.39	10.62	34.57

802.11g_Nss1,(6Mbps)_4TX

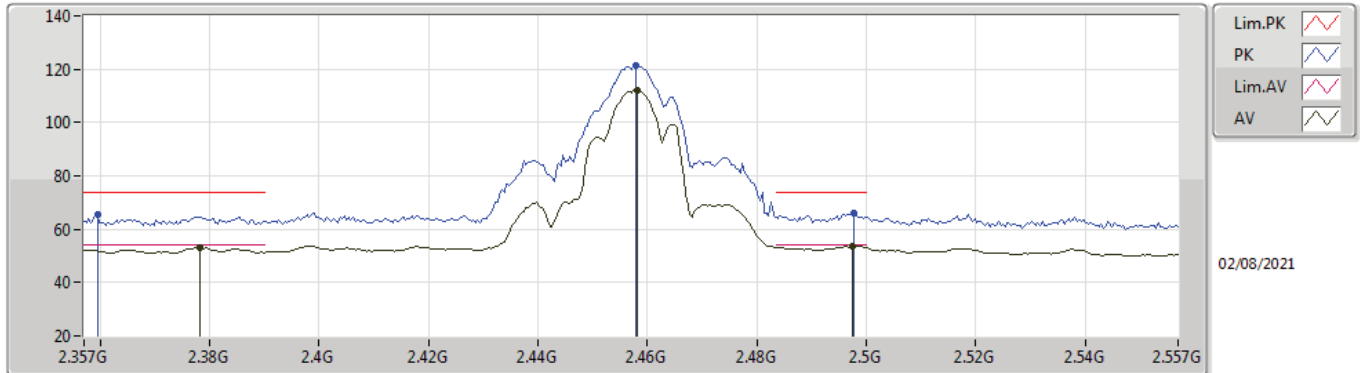
2457MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.381G	49.11	54.00	-4.89	34.99	3	Vertical	76	2.73	-	14.12	27.74	7.25	-
AV	2.4546G	101.36	Inf	-Inf	34.70	3	Vertical	76	2.73	-	66.66	27.40	7.30	-
AV	2.4854G	49.20	54.00	-4.80	34.73	3	Vertical	76	2.73	-	14.47	27.40	7.33	-
PK	2.3662G	60.93	74.00	-13.07	35.01	3	Vertical	76	2.73	-	25.92	27.77	7.24	-
PK	2.4538G	110.57	Inf	-Inf	34.70	3	Vertical	76	2.73	-	75.87	27.40	7.30	-
PK	2.4862G	62.88	74.00	-11.12	34.73	3	Vertical	76	2.73	-	28.15	27.40	7.33	-

802.11g_Nss1,(6Mbps)_4TX

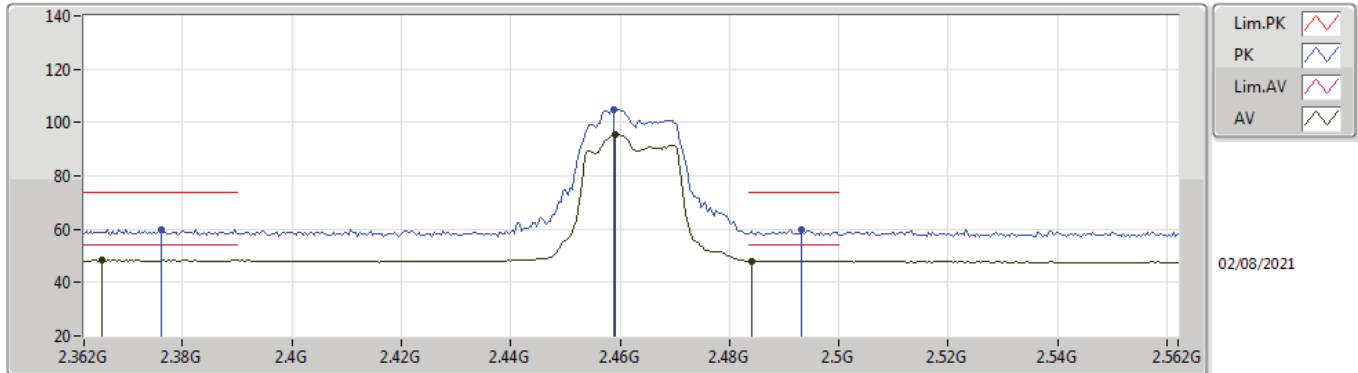
2457MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3782G	53.25	54.00	-0.75	34.99	3	Horizontal	3	1.00	-	18.26	27.74	7.25	-
AV	2.4582G	112.21	Inf	-Inf	34.71	3	Horizontal	3	1.00	-	77.50	27.40	7.31	-
AV	2.4974G	53.67	54.00	-0.33	34.74	3	Horizontal	3	1.00	-	18.93	27.40	7.34	-
PK	2.3594G	65.61	74.00	-8.39	35.02	3	Horizontal	3	1.00	-	30.59	27.78	7.24	-
PK	2.4578G	121.58	Inf	-Inf	34.71	3	Horizontal	3	1.00	-	86.87	27.40	7.31	-
PK	2.4978G	65.94	74.00	-8.06	34.74	3	Horizontal	3	1.00	-	31.20	27.40	7.34	-

802.11g_Nss1,(6Mbps)_4TX

2462MHz_TX

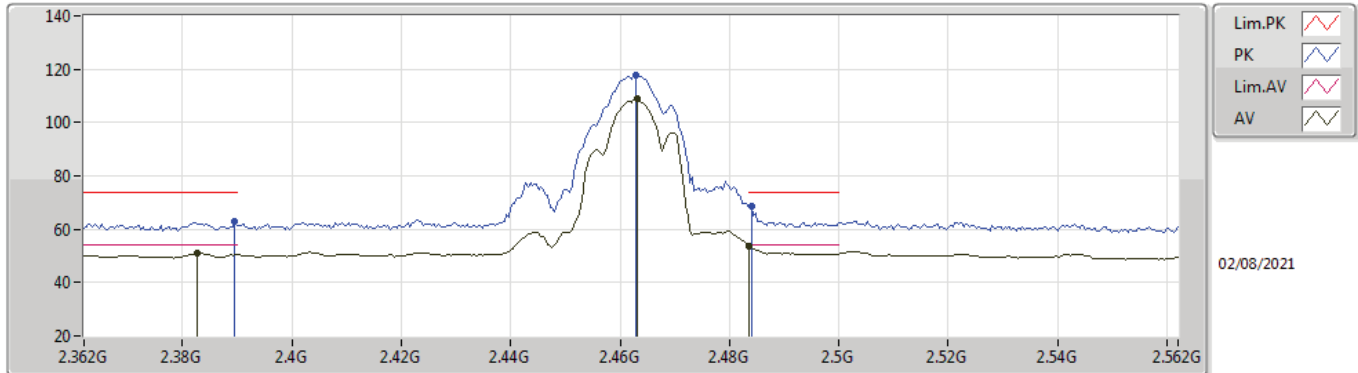


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3652G	48.43	54.00	-5.57	35.01	3	Vertical	75	2.97	-	13.42	27.77	7.24	-
AV	2.4592G	95.47	Inf	-Inf	34.71	3	Vertical	75	2.97	-	60.76	27.40	7.31	-
AV	2.484G	48.17	54.00	-5.83	34.73	3	Vertical	75	2.97	-	13.44	27.40	7.33	-
PK	2.376G	59.74	74.00	-14.26	35.00	3	Vertical	75	2.97	-	24.74	27.75	7.25	-
PK	2.4588G	104.98	Inf	-Inf	34.71	3	Vertical	75	2.97	-	70.27	27.40	7.31	-
PK	2.4932G	59.78	74.00	-14.22	34.73	3	Vertical	75	2.97	-	25.05	27.40	7.33	-



802.11g_Nss1,(6Mbps)_4TX

2462MHz_TX

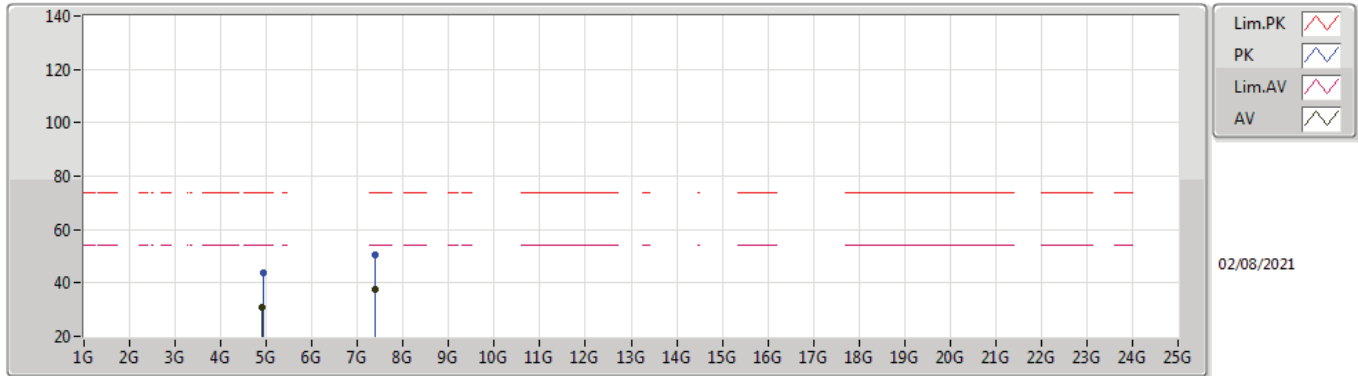


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3828G	51.26	54.00	-2.74	34.98	3	Horizontal	4	1.00	-	16.28	27.73	7.25	-
AV	2.4632G	108.71	Inf	-Inf	34.71	3	Horizontal	4	1.00	-	74.00	27.40	7.31	-
AV	2.4835G	53.46	54.00	-0.54	34.73	3	Horizontal	4	1.00	-	18.73	27.40	7.33	-
PK	2.3896G	63.04	74.00	-10.96	34.98	3	Horizontal	4	1.00	-	28.06	27.72	7.26	-
PK	2.4628G	117.94	Inf	-Inf	34.71	3	Horizontal	4	1.00	-	83.23	27.40	7.31	-
PK	2.484G	68.54	74.00	-5.46	34.73	3	Horizontal	4	1.00	-	33.81	27.40	7.33	-



802.11g_Nss1,(6Mbps)_4TX

2462MHz_TX

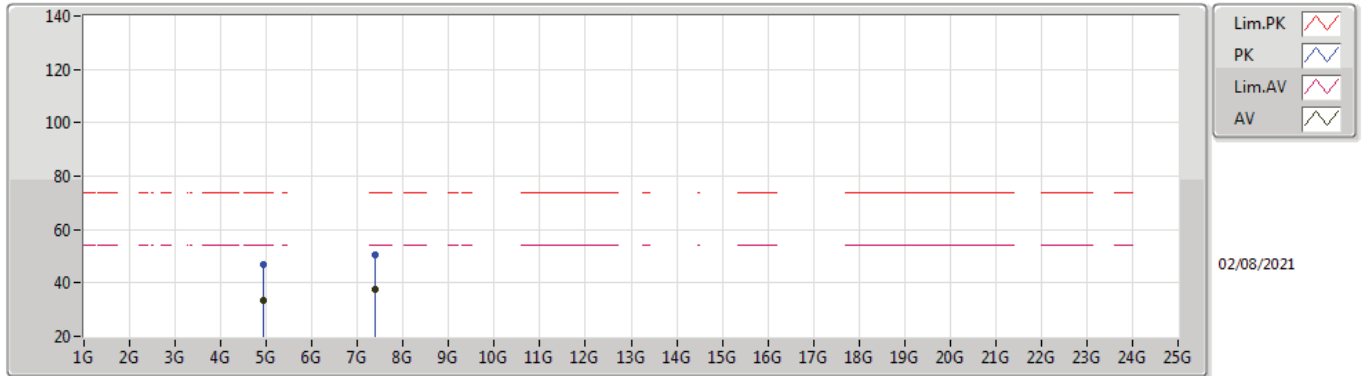


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.91302G	30.76	54.00	-23.24	5.98	3	Vertical	1	1.49	-	24.78	31.25	8.98	34.25
AV	7.37646G	37.59	54.00	-16.41	12.36	3	Vertical	105	1.50	-	25.23	36.25	10.69	34.58
PK	4.93072G	43.81	74.00	-30.19	6.08	3	Vertical	1	1.49	-	37.73	31.32	9.00	34.24
PK	7.3995G	50.74	74.00	-23.26	12.32	3	Vertical	105	1.50	-	38.42	36.20	10.71	34.59



802.11g_Nss1,(6Mbps)_4TX

2462MHz_TX

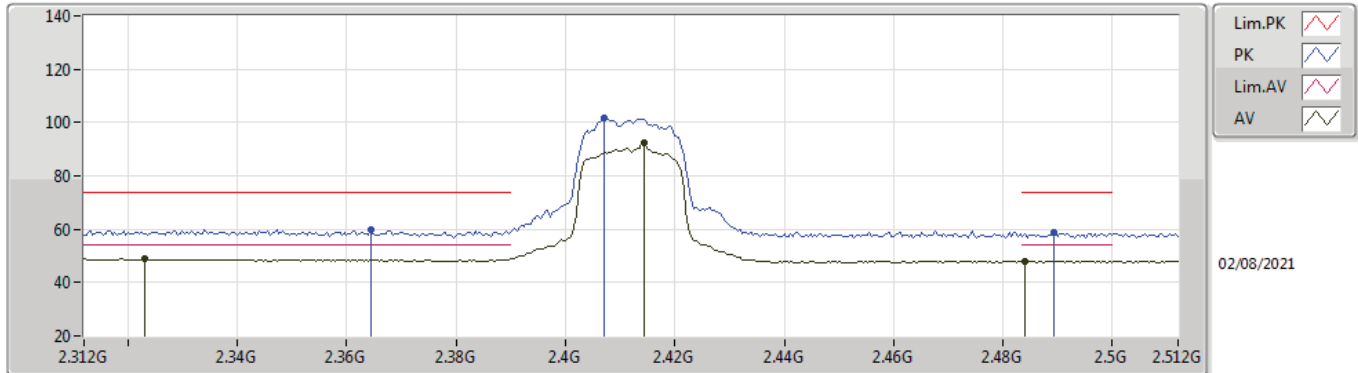


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.92916G	33.39	54.00	-20.61	6.08	3	Horizontal	360	1.25	-	27.31	31.32	9.00	34.24
AV	7.39926G	37.59	54.00	-16.41	12.32	3	Horizontal	324	1.50	-	25.27	36.20	10.71	34.59
PK	4.93G	46.87	74.00	-27.13	6.08	3	Horizontal	360	1.25	-	40.79	31.32	9.00	34.24
PK	7.37892G	50.36	74.00	-23.64	12.35	3	Horizontal	324	1.50	-	38.01	36.24	10.69	34.58



VHT20_Nss1,(MCS0)_4TX

2412MHz_TX

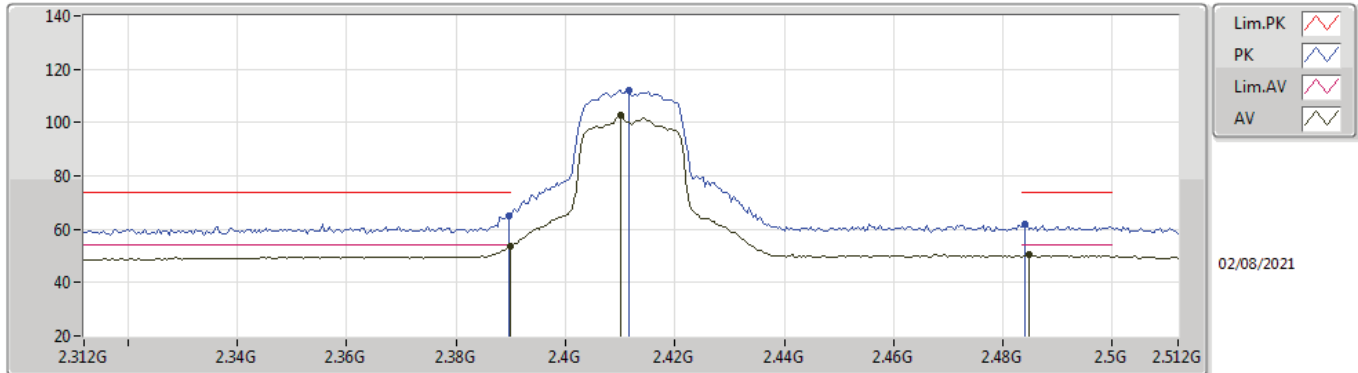


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3232G	49.03	54.00	-4.97	35.08	3	Vertical	134	1.76	-	13.95	27.85	7.23	-
AV	2.4144G	92.65	Inf	-Inf	34.88	3	Vertical	134	1.76	-	57.77	27.61	7.27	-
AV	2.484G	48.06	54.00	-5.94	34.73	3	Vertical	134	1.76	-	13.33	27.40	7.33	-
PK	2.3644G	59.67	74.00	-14.33	35.01	3	Vertical	134	1.76	-	24.66	27.77	7.24	-
PK	2.4072G	101.50	Inf	-Inf	34.93	3	Vertical	134	1.76	-	66.57	27.66	7.27	-
PK	2.4892G	58.63	74.00	-15.37	34.73	3	Vertical	134	1.76	-	23.90	27.40	7.33	-



VHT20_Nss1,(MCS0)_4TX

2412MHz_TX

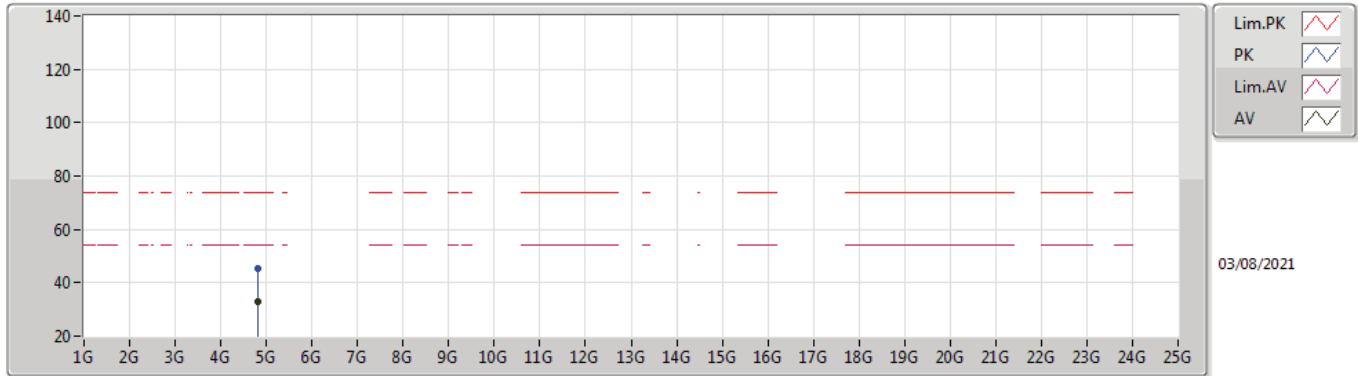


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	53.58	54.00	-0.42	34.98	3	Horizontal	2	2.33	-	18.60	27.72	7.26	-
AV	2.41G	102.90	Inf	-Inf	34.91	3	Horizontal	2	2.33	-	67.99	27.64	7.27	-
AV	2.4848G	50.29	54.00	-3.71	34.73	3	Horizontal	2	2.33	-	15.56	27.40	7.33	-
PK	2.3896G	65.18	74.00	-8.82	34.98	3	Horizontal	2	2.33	-	30.20	27.72	7.26	-
PK	2.4116G	112.28	Inf	-Inf	34.90	3	Horizontal	2	2.33	-	77.38	27.63	7.27	-
PK	2.484G	61.64	74.00	-12.36	34.73	3	Horizontal	2	2.33	-	26.91	27.40	7.33	-



VHT20_Nss1,(MCS0)_4TX

2412MHz_TX

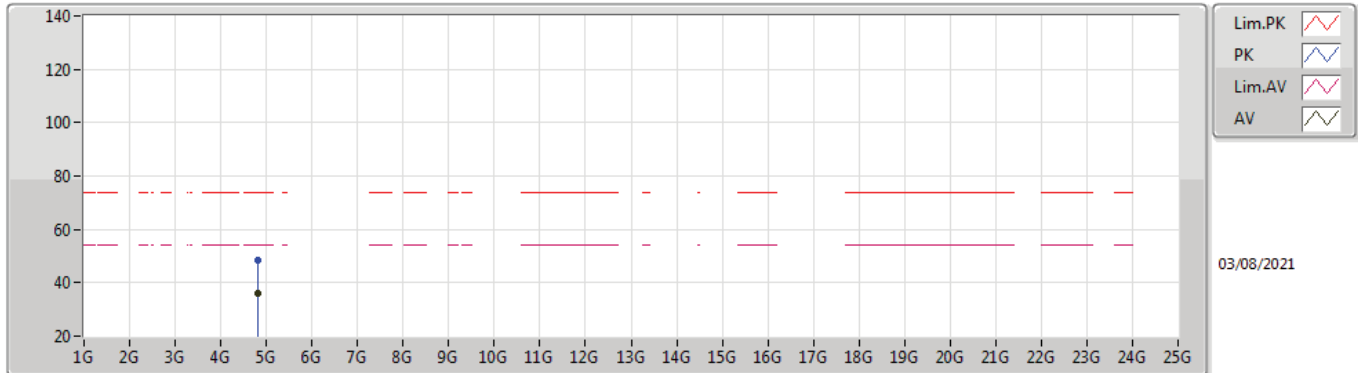


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.8254G	32.98	54.00	-21.02	5.79	3	Vertical	121	1.50	-	27.19	31.15	8.92	34.28
PK	4.82112G	45.34	74.00	-28.66	5.78	3	Vertical	121	1.50	-	39.56	31.14	8.92	34.28



VHT20_Nss1,(MCS0)_4TX

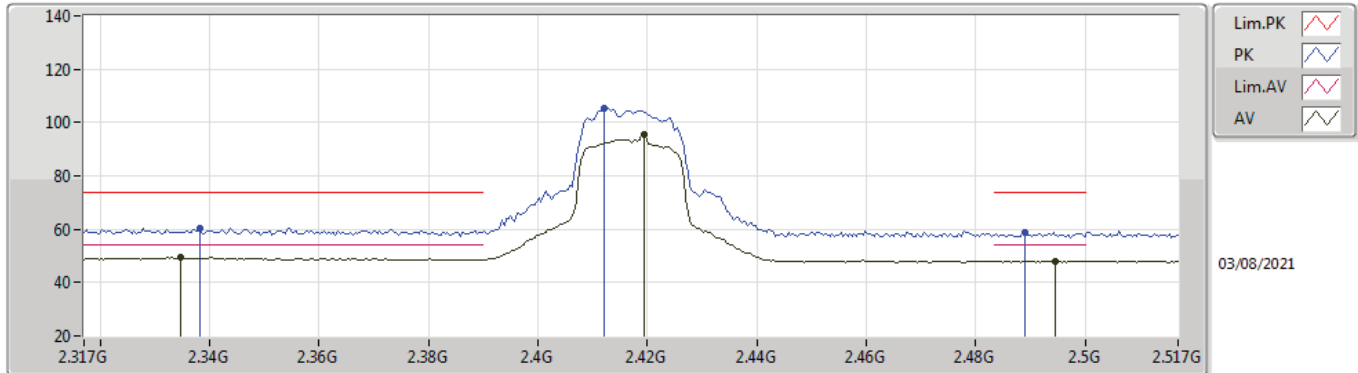
2412MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.8238G	35.99	54.00	-18.01	5.79	3	Horizontal	3	1.28	-	30.20	31.15	8.92	34.28
PK	4.8258G	48.66	74.00	-25.34	5.79	3	Horizontal	3	1.28	-	42.87	31.15	8.92	34.28

VHT20_Nss1,(MCS0)_4TX

2417MHz_TX

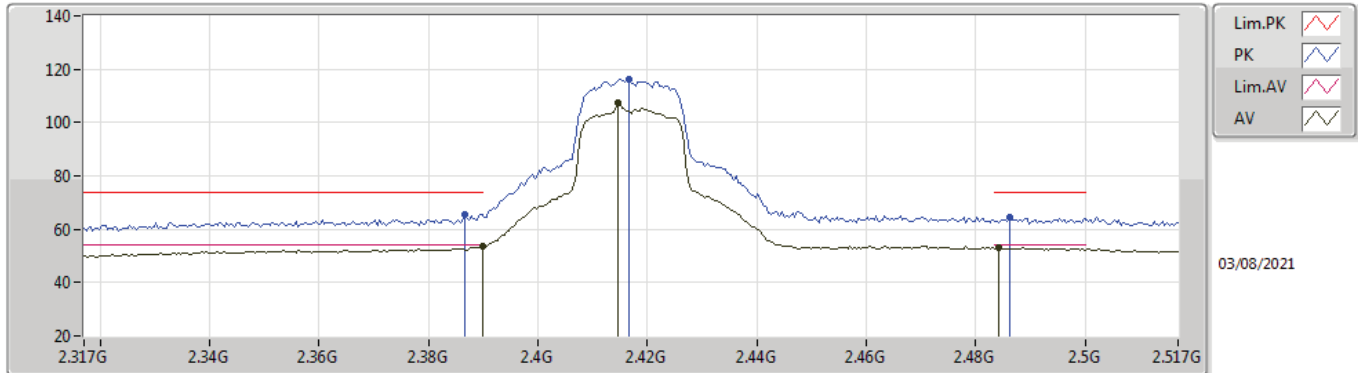


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3346G	49.47	54.00	-4.53	35.06	3	Vertical	134	1.76	-	14.41	27.83	7.23	-
AV	2.4194G	95.63	Inf	-Inf	34.86	3	Vertical	134	1.76	-	60.77	27.58	7.28	-
AV	2.4946G	47.97	54.00	-6.03	34.74	3	Vertical	134	1.76	-	13.23	27.40	7.34	-
PK	2.3382G	60.29	74.00	-13.71	35.05	3	Vertical	134	1.76	-	25.24	27.82	7.23	-
PK	2.4122G	105.52	Inf	-Inf	34.90	3	Vertical	134	1.76	-	70.62	27.63	7.27	-
PK	2.489G	58.67	74.00	-15.33	34.73	3	Vertical	134	1.76	-	23.94	27.40	7.33	-



VHT20_Nss1,(MCS0)_4TX

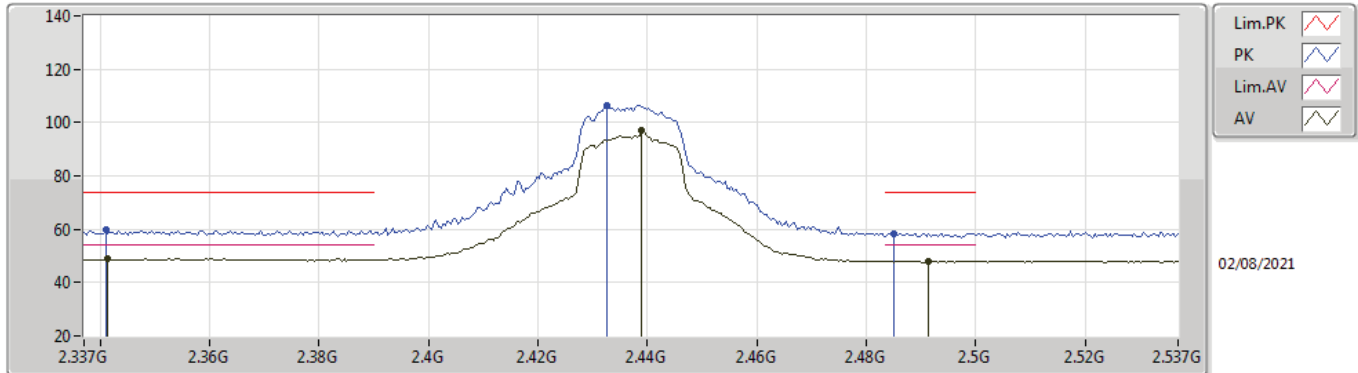
2417MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	53.62	54.00	-0.38	34.98	3	Horizontal	0	2.10	-	18.64	27.72	7.26	-
AV	2.4146G	107.25	Inf	-Inf	34.88	3	Horizontal	0	2.10	-	72.37	27.61	7.27	-
AV	2.4842G	53.13	54.00	-0.87	34.73	3	Horizontal	0	2.10	-	18.40	27.40	7.33	-
PK	2.3866G	65.68	74.00	-8.32	34.98	3	Horizontal	0	2.10	-	30.70	27.73	7.25	-
PK	2.4166G	116.45	Inf	-Inf	34.87	3	Horizontal	0	2.10	-	81.58	27.60	7.27	-
PK	2.4862G	64.55	74.00	-9.45	34.73	3	Horizontal	0	2.10	-	29.82	27.40	7.33	-

VHT20_Nss1,(MCS0)_4TX

2437MHz_TX

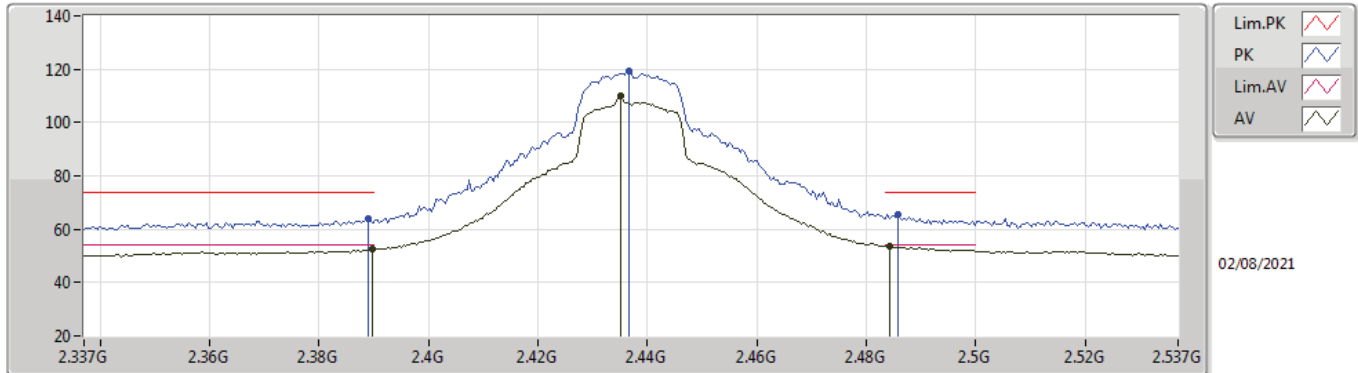


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3414G	49.01	54.00	-4.99	35.05	3	Vertical	133	1.50	-	13.96	27.82	7.23	-
AV	2.439G	97.08	Inf	-Inf	34.76	3	Vertical	133	1.50	-	62.32	27.47	7.29	-
AV	2.4914G	48.06	54.00	-5.94	34.73	3	Vertical	133	1.50	-	13.33	27.40	7.33	-
PK	2.341G	59.65	74.00	-14.35	35.05	3	Vertical	133	1.50	-	24.60	27.82	7.23	-
PK	2.4326G	106.17	Inf	-Inf	34.79	3	Vertical	133	1.50	-	71.38	27.50	7.29	-
PK	2.485G	58.50	74.00	-15.50	34.73	3	Vertical	133	1.50	-	23.77	27.40	7.33	-



VHT20_Nss1,(MCS0)_4TX

2437MHz_TX

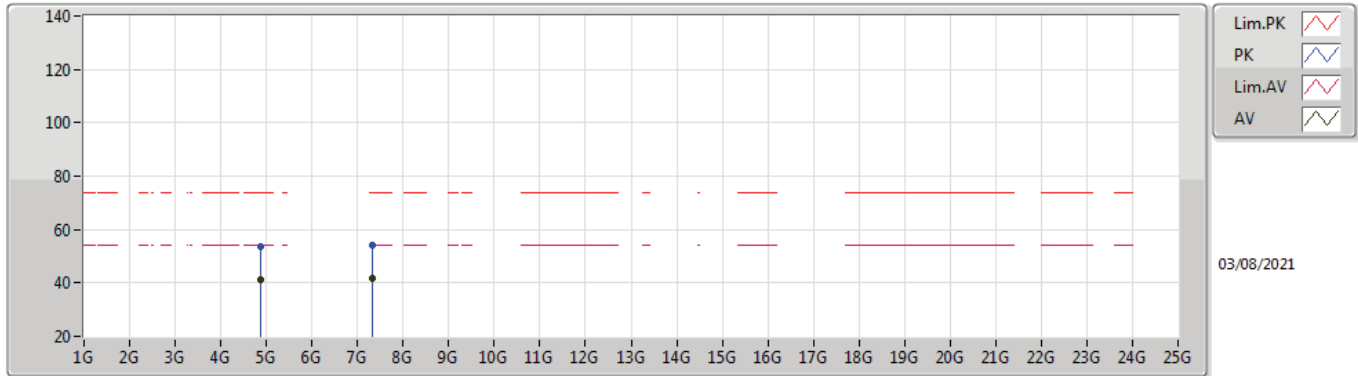


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	52.47	54.00	-1.53	34.98	3	Horizontal	0	2.07	-	17.49	27.72	7.26	-
AV	2.435G	109.89	Inf	-Inf	34.78	3	Horizontal	0	2.07	-	75.11	27.49	7.29	-
AV	2.4842G	53.54	54.00	-0.46	34.73	3	Horizontal	0	2.07	-	18.81	27.40	7.33	-
PK	2.389G	63.91	74.00	-10.09	34.98	3	Horizontal	0	2.07	-	28.93	27.72	7.26	-
PK	2.4366G	119.12	Inf	-Inf	34.77	3	Horizontal	0	2.07	-	84.35	27.48	7.29	-
PK	2.4858G	65.59	74.00	-8.41	34.73	3	Horizontal	0	2.07	-	30.86	27.40	7.33	-



VHT20_Nss1,(MCS0)_4TX

2437MHz_TX

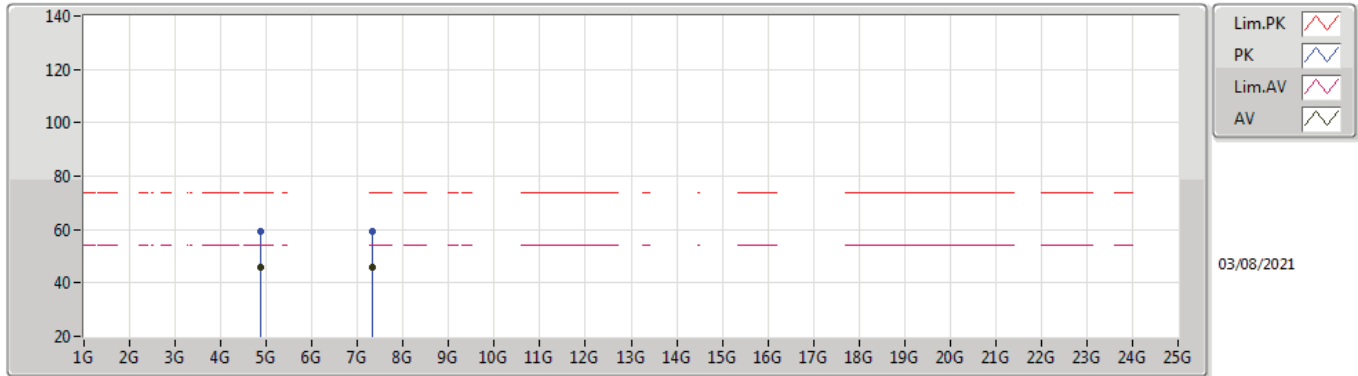


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.87532G	41.03	54.00	-12.97	5.90	3	Vertical	122	1.47	-	35.13	31.20	8.96	34.26
AV	7.31352G	41.82	54.00	-12.18	12.42	3	Vertical	134	2.92	-	29.40	36.37	10.62	34.57
PK	4.87484G	53.75	74.00	-20.25	5.90	3	Vertical	122	1.47	-	47.85	31.20	8.96	34.26
PK	7.31508G	53.99	74.00	-20.01	12.43	3	Vertical	134	2.92	-	41.56	36.37	10.63	34.57



VHT20_Nss1,(MCS0)_4TX

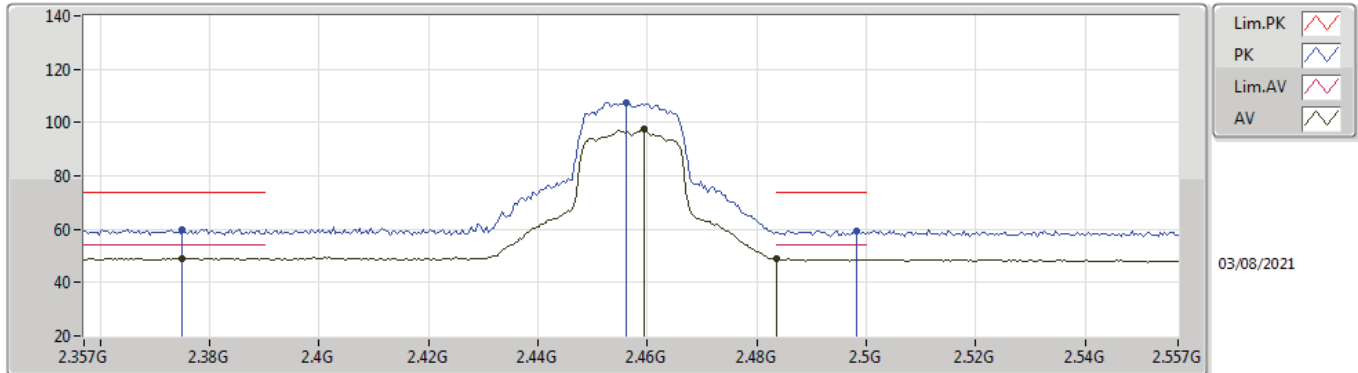
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.8732G	45.73	54.00	-8.27	5.89	3	Horizontal	0	1.33	-	39.84	31.20	8.95	34.26
AV	7.3119G	45.96	54.00	-8.04	12.43	3	Horizontal	59	1.85	-	33.53	36.38	10.62	34.57
PK	4.87352G	59.49	74.00	-14.51	5.90	3	Horizontal	0	1.33	-	53.59	31.20	8.96	34.26
PK	7.31226G	59.30	74.00	-14.70	12.43	3	Horizontal	59	1.85	-	46.87	36.38	10.62	34.57

VHT20_Nss1,(MCS0)_4TX

2457MHz_TX

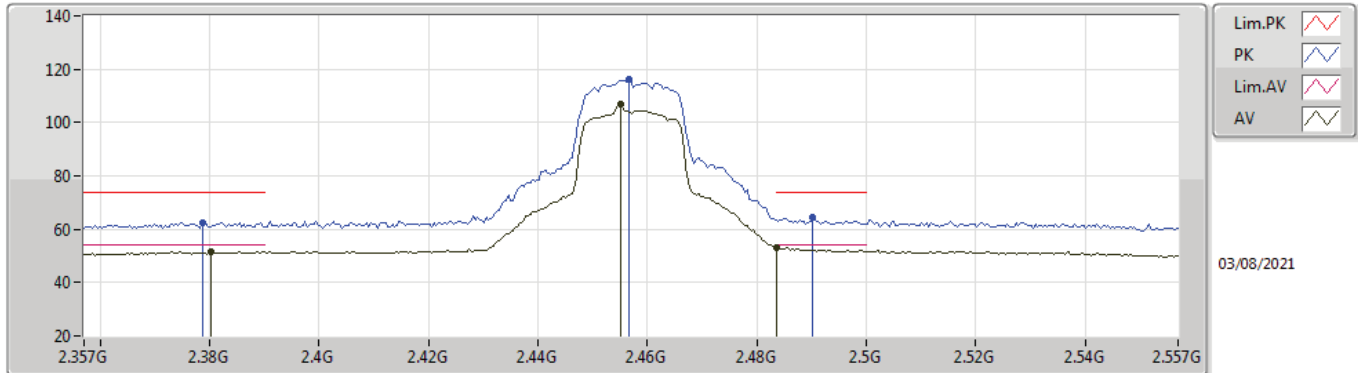


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.375G	49.14	54.00	-4.86	35.00	3	Vertical	86	2.68	-	14.14	27.75	7.25	-
AV	2.4594G	97.78	Inf	-Inf	34.71	3	Vertical	86	2.68	-	63.07	27.40	7.31	-
AV	2.4835G	49.06	54.00	-4.94	34.73	3	Vertical	86	2.68	-	14.33	27.40	7.33	-
PK	2.375G	60.06	74.00	-13.94	35.00	3	Vertical	86	2.68	-	25.06	27.75	7.25	-
PK	2.4562G	107.61	Inf	-Inf	34.70	3	Vertical	86	2.68	-	72.91	27.40	7.30	-
PK	2.4982G	59.50	74.00	-14.50	34.74	3	Vertical	86	2.68	-	24.76	27.40	7.34	-



VHT20_Nss1,(MCS0)_4TX

2457MHz_TX

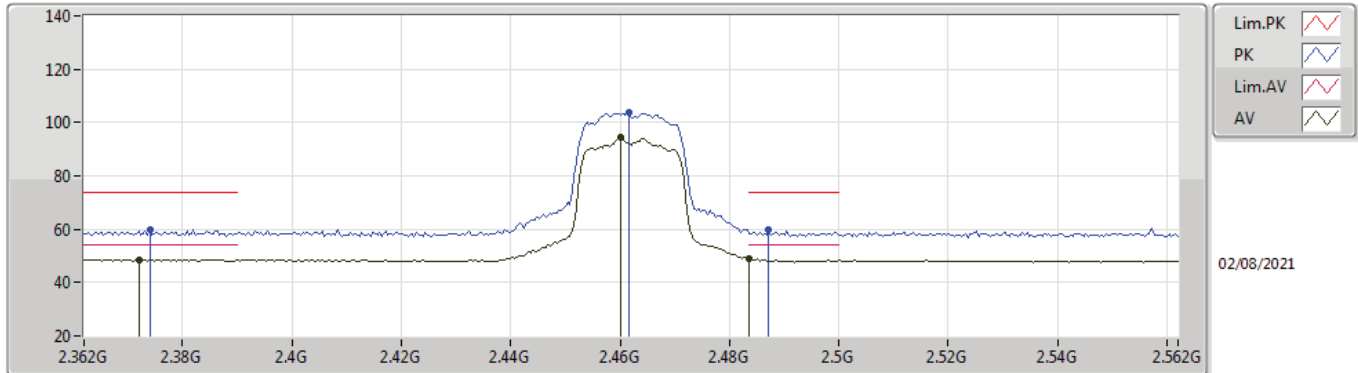


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3802G	51.54	54.00	-2.46	34.99	3	Horizontal	0	2.08	-	16.55	27.74	7.25	-
AV	2.455G	106.73	Inf	-Inf	34.70	3	Horizontal	0	2.08	-	72.03	27.40	7.30	-
AV	2.4835G	53.30	54.00	-0.70	34.73	3	Horizontal	0	2.08	-	18.57	27.40	7.33	-
PK	2.3786G	62.66	74.00	-11.34	34.99	3	Horizontal	0	2.08	-	27.67	27.74	7.25	-
PK	2.4566G	116.00	Inf	-Inf	34.71	3	Horizontal	0	2.08	-	81.29	27.40	7.31	-
PK	2.4902G	64.59	74.00	-9.41	34.73	3	Horizontal	0	2.08	-	29.86	27.40	7.33	-



VHT20_Nss1,(MCS0)_4TX

2462MHz_TX

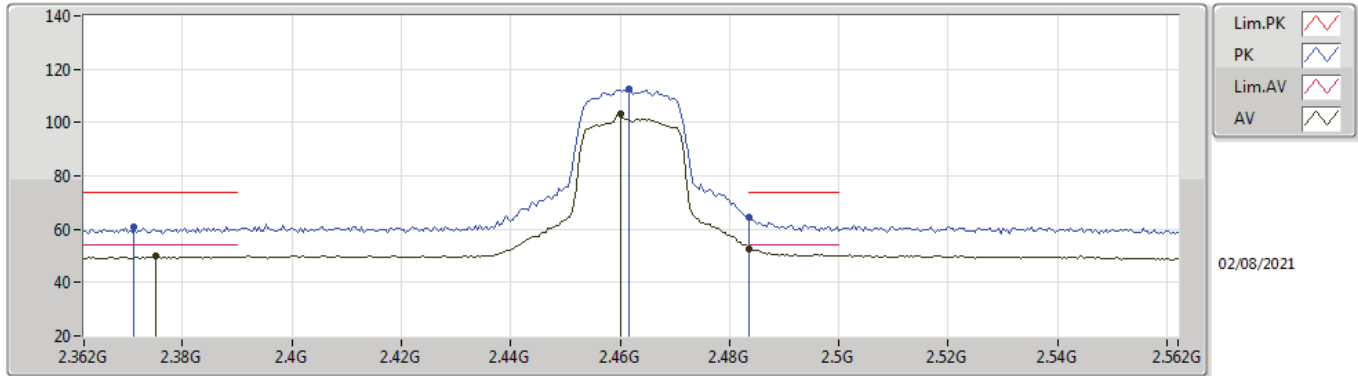


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.372G	48.57	54.00	-5.43	35.01	3	Vertical	86	2.57	-	13.56	27.76	7.25	-
AV	2.46G	94.25	Inf	-Inf	34.71	3	Vertical	86	2.57	-	59.54	27.40	7.31	-
AV	2.4835G	49.11	54.00	-4.89	34.73	3	Vertical	86	2.57	-	14.38	27.40	7.33	-
PK	2.374G	59.88	74.00	-14.12	35.00	3	Vertical	86	2.57	-	24.88	27.75	7.25	-
PK	2.4616G	103.91	Inf	-Inf	34.71	3	Vertical	86	2.57	-	69.20	27.40	7.31	-
PK	2.4872G	59.74	74.00	-14.26	34.73	3	Vertical	86	2.57	-	25.01	27.40	7.33	-



VHT20_Nss1,(MCS0)_4TX

2462MHz_TX

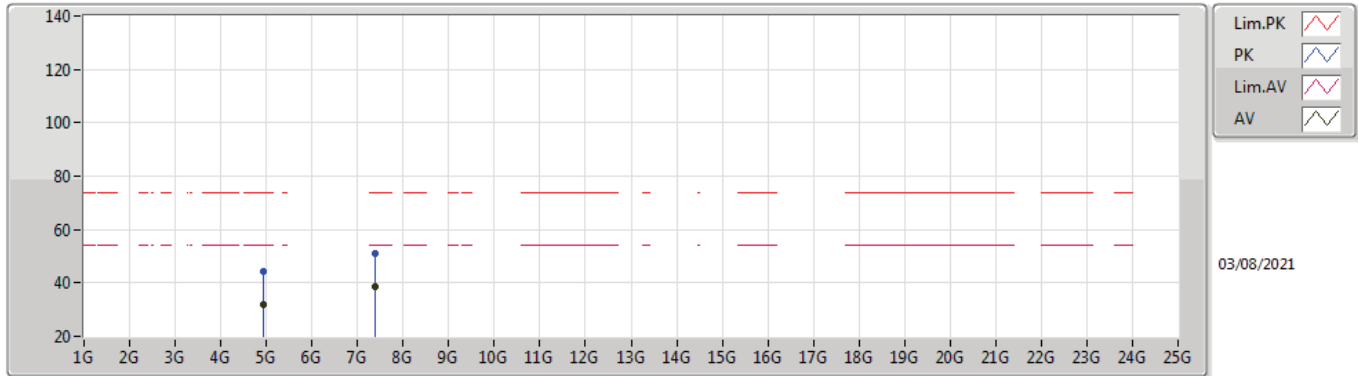


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3752G	49.75	54.00	-4.25	35.00	3	Horizontal	0	2.11	-	14.75	27.75	7.25	-
AV	2.46G	103.52	Inf	-Inf	34.71	3	Horizontal	0	2.11	-	68.81	27.40	7.31	-
AV	2.4835G	52.61	54.00	-1.39	34.73	3	Horizontal	0	2.11	-	17.88	27.40	7.33	-
PK	2.3712G	60.94	74.00	-13.06	35.01	3	Horizontal	0	2.11	-	25.93	27.76	7.25	-
PK	2.4616G	112.41	Inf	-Inf	34.71	3	Horizontal	0	2.11	-	77.70	27.40	7.31	-
PK	2.4835G	64.23	74.00	-9.77	34.73	3	Horizontal	0	2.11	-	29.50	27.40	7.33	-



VHT20_Nss1,(MCS0)_4TX

2462MHz_TX

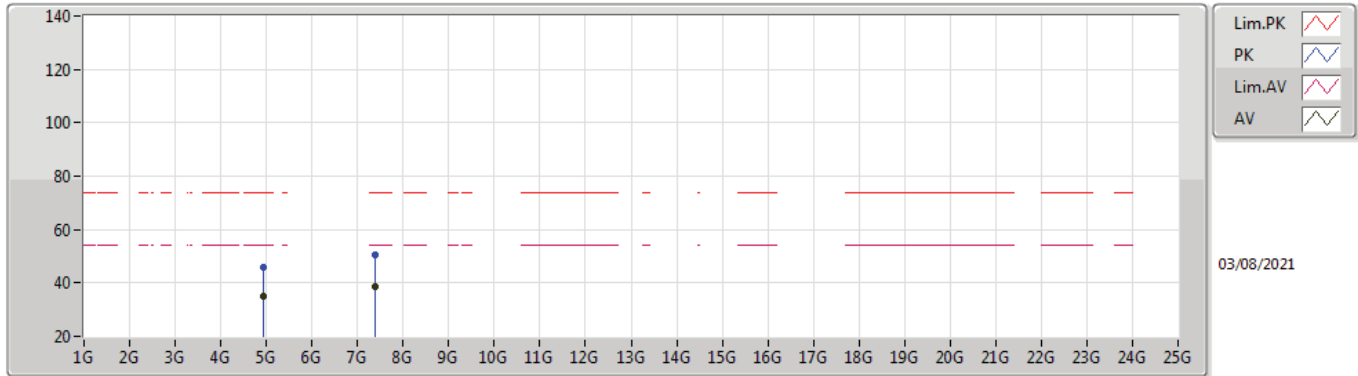


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.92082G	32.01	54.00	-21.99	6.02	3	Vertical	123	1.50	-	25.99	31.28	8.99	34.25
AV	7.39956G	38.55	54.00	-15.45	12.32	3	Vertical	294	1.90	-	26.23	36.20	10.71	34.59
PK	4.93102G	44.30	74.00	-29.70	6.08	3	Vertical	123	1.50	-	38.22	31.32	9.00	34.24
PK	7.37556G	50.92	74.00	-23.08	12.36	3	Vertical	294	1.90	-	38.56	36.25	10.69	34.58



VHT20_Nss1,(MCS0)_4TX

2462MHz_TX

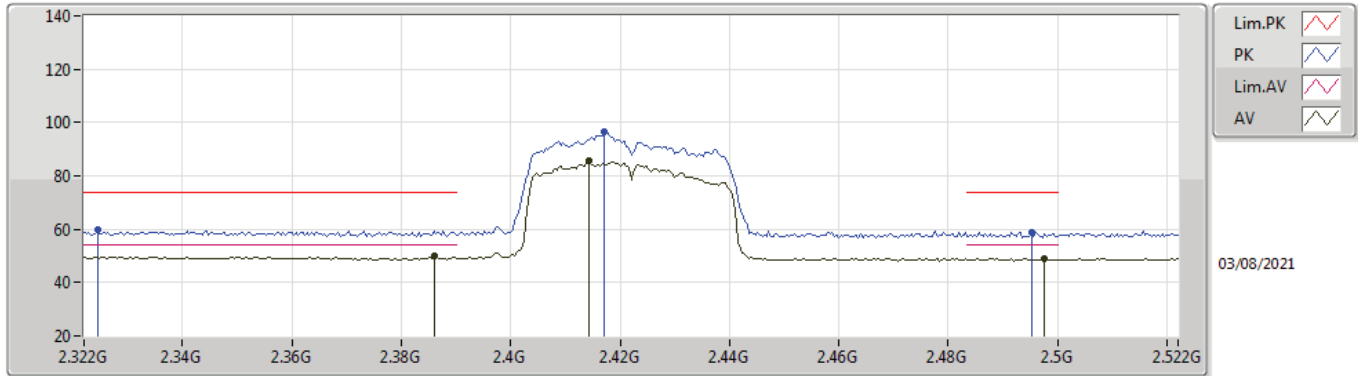


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.924G	34.97	54.00	-19.03	6.04	3	Horizontal	6	1.82	-	28.93	31.30	8.99	34.25
AV	7.39596G	38.79	54.00	-15.21	12.33	3	Horizontal	297	1.50	-	26.46	36.21	10.71	34.59
PK	4.92544G	45.64	74.00	-28.36	6.04	3	Horizontal	6	1.82	-	39.60	31.30	8.99	34.25
PK	7.39878G	50.62	74.00	-23.38	12.32	3	Horizontal	297	1.50	-	38.30	36.20	10.71	34.59



VHT40_Nss1,(MCS0)_4TX

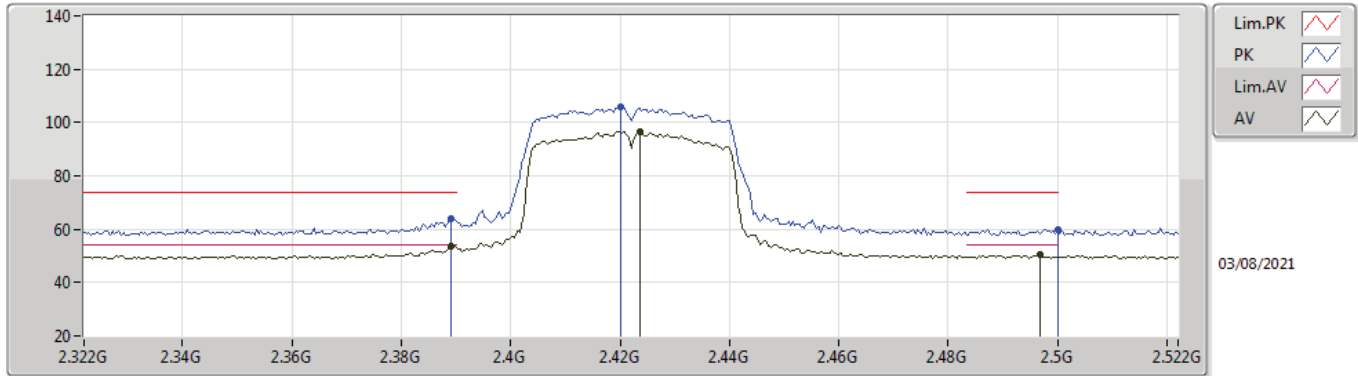
2422MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.386G	50.10	54.00	-3.90	34.98	3	Vertical	133	1.76	-	15.12	27.73	7.25	-
AV	2.4144G	85.87	Inf	-Inf	34.88	3	Vertical	133	1.76	-	50.99	27.61	7.27	-
AV	2.4976G	48.95	54.00	-5.05	34.74	3	Vertical	133	1.76	-	14.21	27.40	7.34	-
PK	2.3244G	59.66	74.00	-14.34	35.08	3	Vertical	133	1.76	-	24.58	27.85	7.23	-
PK	2.4172G	96.57	Inf	-Inf	34.87	3	Vertical	133	1.76	-	61.70	27.60	7.27	-
PK	2.4952G	58.82	74.00	-15.18	34.74	3	Vertical	133	1.76	-	24.08	27.40	7.34	-

VHT40_Nss1,(MCS0)_4TX

2422MHz_TX

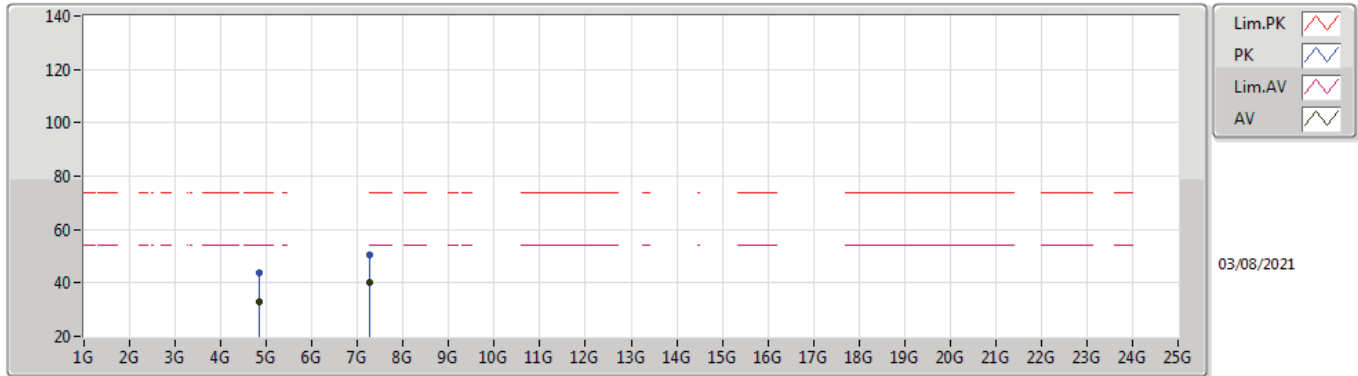


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3892G	53.73	54.00	-0.27	34.98	3	Horizontal	5	1.50	-	18.75	27.72	7.26	-
AV	2.4236G	96.60	Inf	-Inf	34.84	3	Horizontal	5	1.50	-	61.76	27.56	7.28	-
AV	2.4968G	50.34	54.00	-3.66	34.74	3	Horizontal	5	1.50	-	15.60	27.40	7.34	-
PK	2.3892G	63.92	74.00	-10.08	34.98	3	Horizontal	5	1.50	-	28.94	27.72	7.26	-
PK	2.42G	105.97	Inf	-Inf	34.86	3	Horizontal	5	1.50	-	71.11	27.58	7.28	-
PK	2.5G	59.74	74.00	-14.26	34.74	3	Horizontal	5	1.50	-	25.00	27.40	7.34	-



VHT40_Nss1,(MCS0)_4TX

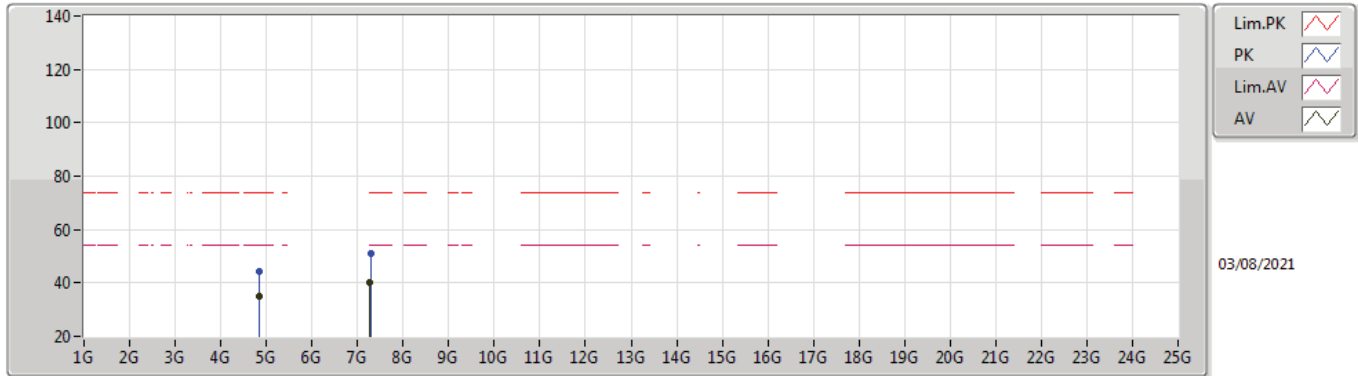
2422MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.8404G	33.04	54.00	-20.96	5.84	3	Vertical	50	1.49	-	27.20	31.18	8.93	34.27
AV	7.25848G	40.11	54.00	-13.89	12.32	3	Vertical	79	1.05	-	27.79	36.32	10.57	34.57
PK	4.83336G	43.67	74.00	-30.33	5.82	3	Vertical	50	1.49	-	37.85	31.17	8.93	34.28
PK	7.27784G	50.62	74.00	-23.38	12.38	3	Vertical	79	1.05	-	38.24	36.36	10.59	34.57

VHT40_Nss1,(MCS0)_4TX

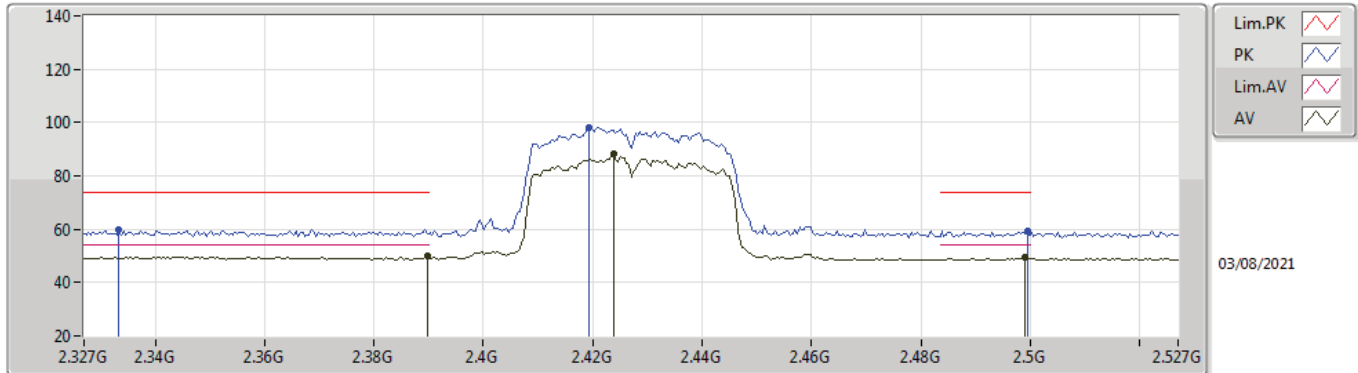
2422MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.84408G	35.03	54.00	-18.97	5.85	3	Horizontal	0	1.75	-	29.18	31.19	8.93	34.27
AV	7.25296G	39.97	54.00	-14.03	12.30	3	Horizontal	269	2.28	-	27.67	36.31	10.56	34.57
PK	4.84392G	44.50	74.00	-29.50	5.85	3	Horizontal	0	1.75	-	38.65	31.19	8.93	34.27
PK	7.2832G	51.10	74.00	-22.90	12.39	3	Horizontal	269	2.28	-	38.71	36.37	10.59	34.57

VHT40_Nss1,(MCS0)_4TX

2427MHz_TX

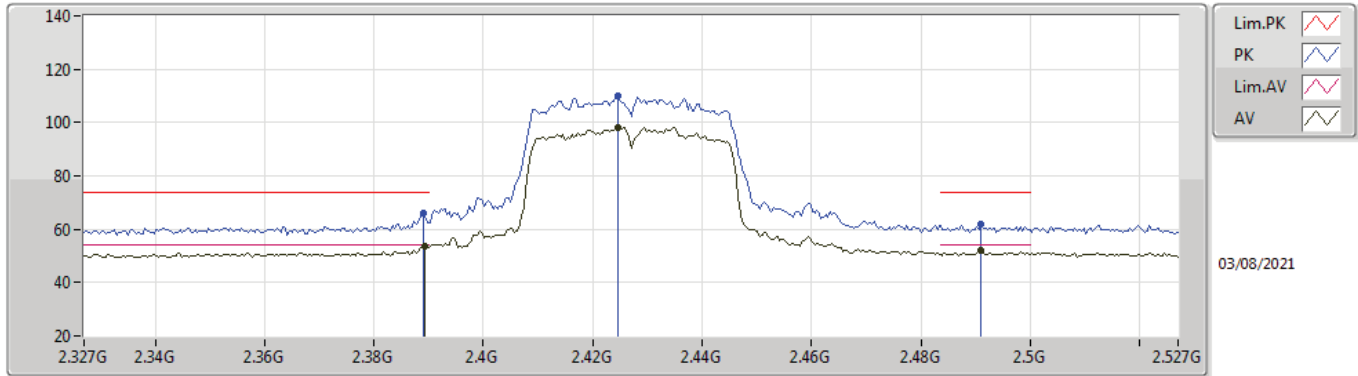


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	49.78	54.00	-4.22	34.98	3	Vertical	118	2.38	-	14.80	27.72	7.26	-
AV	2.4238G	88.21	Inf	-Inf	34.84	3	Vertical	118	2.38	-	53.37	27.56	7.28	-
AV	2.499G	49.48	54.00	-4.52	34.74	3	Vertical	118	2.38	-	14.74	27.40	7.34	-
PK	2.3334G	60.07	74.00	-13.93	35.06	3	Vertical	118	2.38	-	25.01	27.83	7.23	-
PK	2.4194G	98.02	Inf	-Inf	34.86	3	Vertical	118	2.38	-	63.16	27.58	7.28	-
PK	2.4994G	59.17	74.00	-14.83	34.74	3	Vertical	118	2.38	-	24.43	27.40	7.34	-



VHT40_Nss1,(MCS0)_4TX

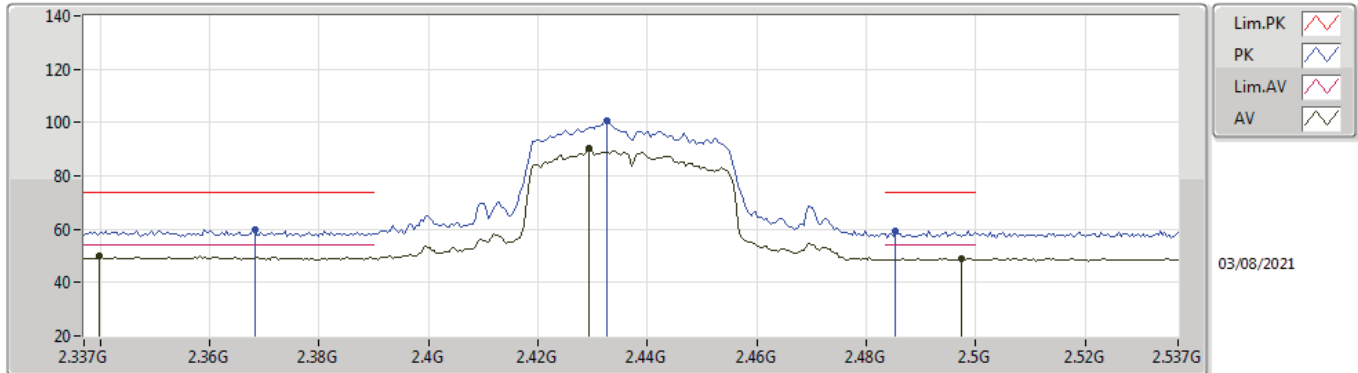
2427MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3894G	53.87	54.00	-0.13	34.98	3	Horizontal	0	2.08	-	18.89	27.72	7.26	-
AV	2.4246G	98.36	Inf	-Inf	34.83	3	Horizontal	0	2.08	-	63.53	27.55	7.28	-
AV	2.491G	51.94	54.00	-2.06	34.73	3	Horizontal	0	2.08	-	17.21	27.40	7.33	-
PK	2.389G	65.84	74.00	-8.16	34.98	3	Horizontal	0	2.08	-	30.86	27.72	7.26	-
PK	2.4246G	109.91	Inf	-Inf	34.83	3	Horizontal	0	2.08	-	75.08	27.55	7.28	-
PK	2.491G	61.74	74.00	-12.26	34.73	3	Horizontal	0	2.08	-	27.01	27.40	7.33	-

VHT40_Nss1,(MCS0)_4TX

2437MHz_TX

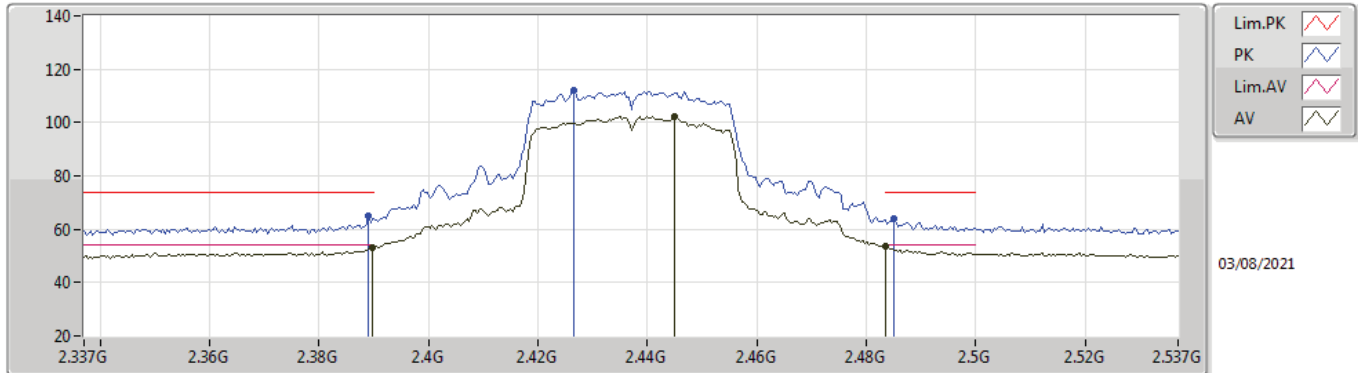


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3398G	49.77	54.00	-4.23	35.05	3	Vertical	135	1.67	-	14.72	27.82	7.23	-
AV	2.4294G	90.60	Inf	-Inf	34.80	3	Vertical	135	1.67	-	55.80	27.52	7.28	-
AV	2.4974G	48.91	54.00	-5.09	34.74	3	Vertical	135	1.67	-	14.17	27.40	7.34	-
PK	2.3682G	59.84	74.00	-14.16	35.01	3	Vertical	135	1.67	-	24.83	27.76	7.25	-
PK	2.4326G	100.74	Inf	-Inf	34.79	3	Vertical	135	1.67	-	65.95	27.50	7.29	-
PK	2.4854G	59.56	74.00	-14.44	34.73	3	Vertical	135	1.67	-	24.83	27.40	7.33	-



VHT40_Nss1,(MCS0)_4TX

2437MHz_TX

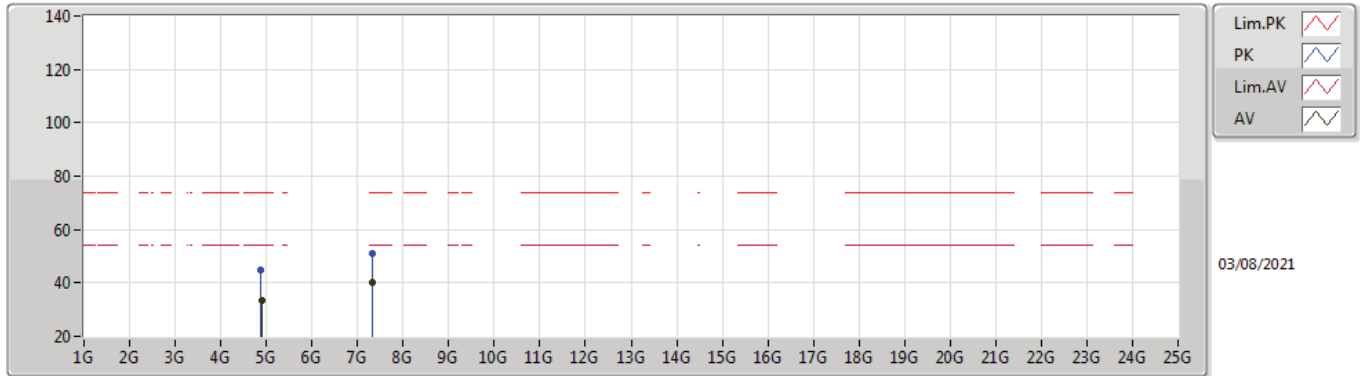


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	53.13	54.00	-0.87	34.98	3	Horizontal	5	1.88	-	18.15	27.72	7.26	-
AV	2.445G	102.33	Inf	-Inf	34.73	3	Horizontal	5	1.88	-	67.60	27.43	7.30	-
AV	2.4835G	53.51	54.00	-0.49	34.73	3	Horizontal	5	1.88	-	18.78	27.40	7.33	-
PK	2.389G	65.13	74.00	-8.87	34.98	3	Horizontal	5	1.88	-	30.15	27.72	7.26	-
PK	2.4266G	111.91	Inf	-Inf	34.82	3	Horizontal	5	1.88	-	77.09	27.54	7.28	-
PK	2.485G	63.74	74.00	-10.26	34.73	3	Horizontal	5	1.88	-	29.01	27.40	7.33	-



VHT40_Nss1,(MCS0)_4TX

2437MHz_TX

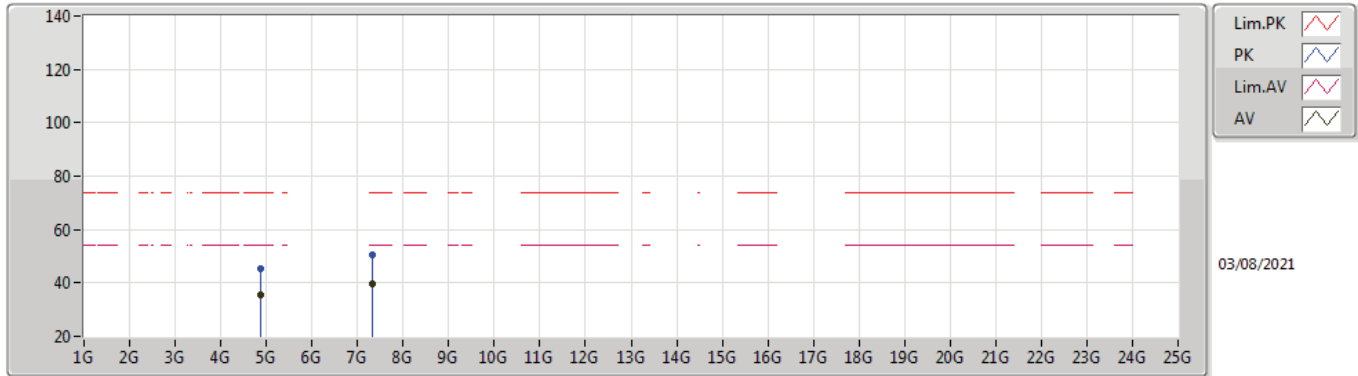


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.88984G	33.19	54.00	-20.81	5.91	3	Vertical	214	1.68	-	27.28	31.20	8.97	34.26
AV	7.32596G	40.03	54.00	-13.97	12.41	3	Vertical	33	2.03	-	27.62	36.35	10.64	34.58
PK	4.88048G	44.60	74.00	-29.40	5.90	3	Vertical	214	1.68	-	38.70	31.20	8.96	34.26
PK	7.32212G	51.10	74.00	-22.90	12.41	3	Vertical	33	2.03	-	38.69	36.36	10.63	34.58



VHT40_Nss1,(MCS0)_4TX

2437MHz_TX

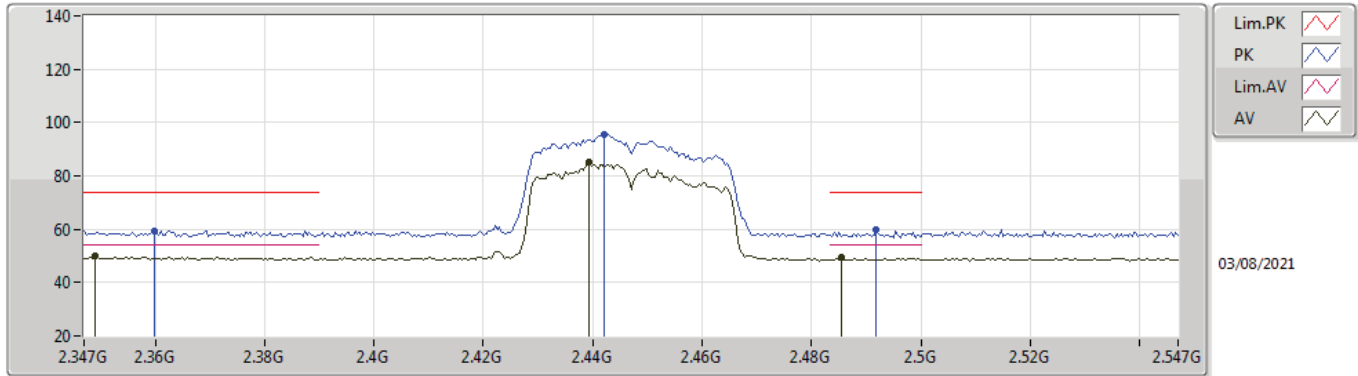


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.87392G	35.26	54.00	-18.74	5.90	3	Horizontal	0	1.90	-	29.36	31.20	8.96	34.26
AV	7.32412G	39.90	54.00	-14.10	12.40	3	Horizontal	40	1.56	-	27.50	36.35	10.63	34.58
PK	4.874G	45.40	74.00	-28.60	5.90	3	Horizontal	0	1.90	-	39.50	31.20	8.96	34.26
PK	7.32868G	50.61	74.00	-23.39	12.40	3	Horizontal	40	1.56	-	38.21	36.34	10.64	34.58



VHT40_Nss1,(MCS0)_4TX

2447MHz_TX

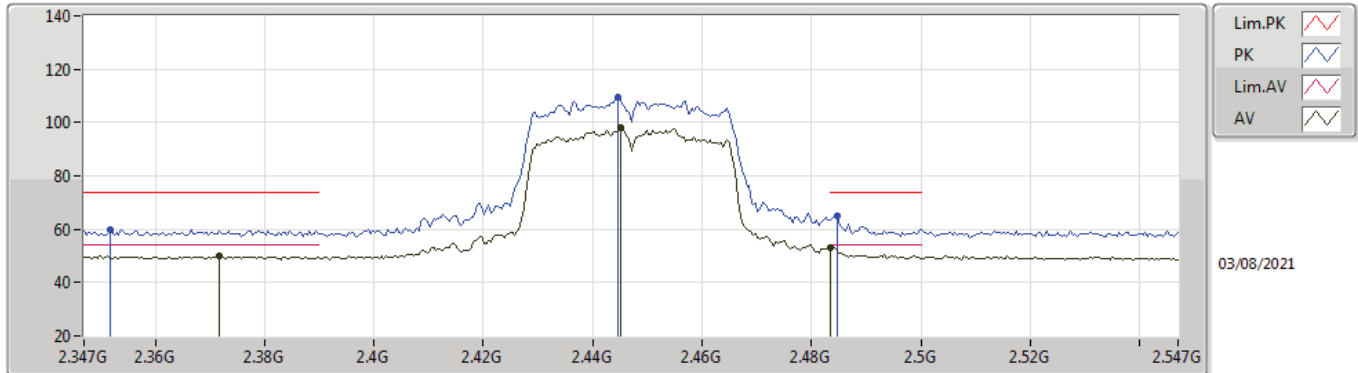


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.349G	49.86	54.00	-4.14	35.04	3	Vertical	134	1.50	-	14.82	27.80	7.24	-
AV	2.4394G	85.12	Inf	-Inf	34.75	3	Vertical	134	1.50	-	50.37	27.46	7.29	-
AV	2.4854G	49.28	54.00	-4.72	34.73	3	Vertical	134	1.50	-	14.55	27.40	7.33	-
PK	2.3598G	59.50	74.00	-14.50	35.02	3	Vertical	134	1.50	-	24.48	27.78	7.24	-
PK	2.4422G	95.65	Inf	-Inf	34.74	3	Vertical	134	1.50	-	60.91	27.45	7.29	-
PK	2.4918G	59.65	74.00	-14.35	34.73	3	Vertical	134	1.50	-	24.92	27.40	7.33	-



VHT40_Nss1,(MCS0)_4TX

2447MHz_TX

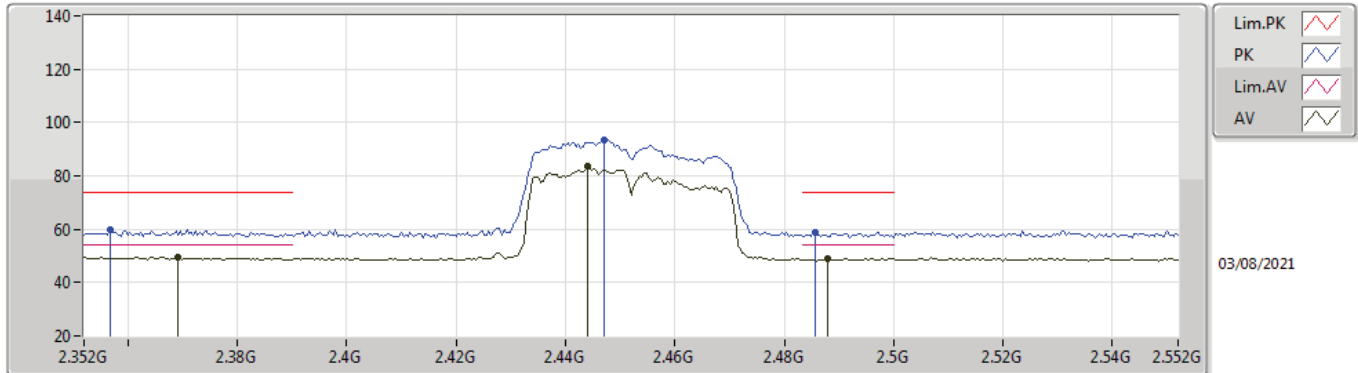


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3718G	49.84	54.00	-4.16	35.01	3	Horizontal	1	1.85	-	14.83	27.76	7.25	-
AV	2.445G	97.98	Inf	-Inf	34.73	3	Horizontal	1	1.85	-	63.25	27.43	7.30	-
AV	2.4835G	53.33	54.00	-0.67	34.73	3	Horizontal	1	1.85	-	18.60	27.40	7.33	-
PK	2.3518G	59.69	74.00	-14.31	35.04	3	Horizontal	1	1.85	-	24.65	27.80	7.24	-
PK	2.4446G	109.28	Inf	-Inf	34.73	3	Horizontal	1	1.85	-	74.55	27.43	7.30	-
PK	2.4846G	65.07	74.00	-8.93	34.73	3	Horizontal	1	1.85	-	30.34	27.40	7.33	-



VHT40_Nss1,(MCS0)_4TX

2452MHz_TX

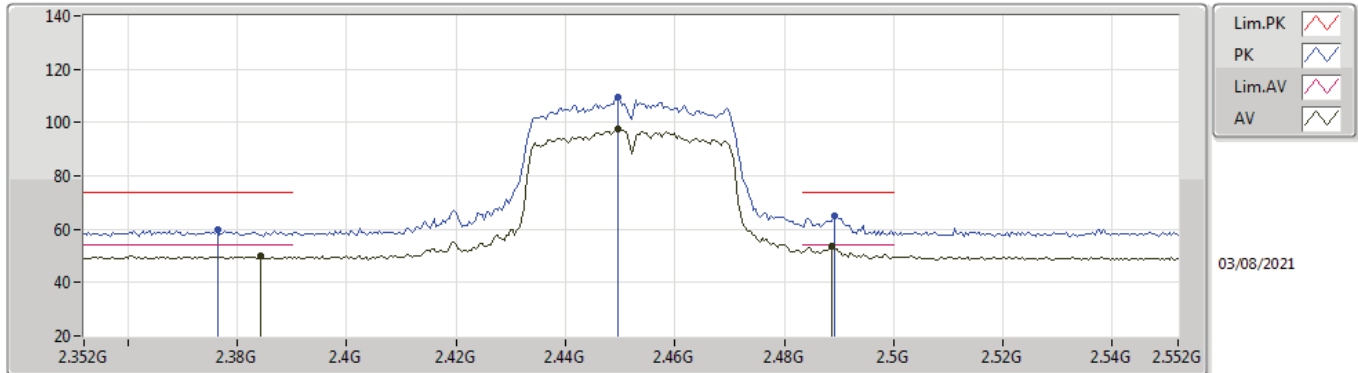


03/08/2021

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3692G	49.54	54.00	-4.46	35.01	3	Vertical	134	1.50	-	14.53	27.76	7.25	-
AV	2.444G	83.41	Inf	-Inf	34.74	3	Vertical	134	1.50	-	48.67	27.44	7.30	-
AV	2.488G	49.16	54.00	-4.84	34.73	3	Vertical	134	1.50	-	14.43	27.40	7.33	-
PK	2.3568G	59.67	74.00	-14.33	35.03	3	Vertical	134	1.50	-	24.64	27.79	7.24	-
PK	2.4472G	93.37	Inf	-Inf	34.72	3	Vertical	134	1.50	-	58.65	27.42	7.30	-
PK	2.4856G	58.88	74.00	-15.12	34.73	3	Vertical	134	1.50	-	24.15	27.40	7.33	-

VHT40_Nss1,(MCS0)_4TX

2452MHz_TX

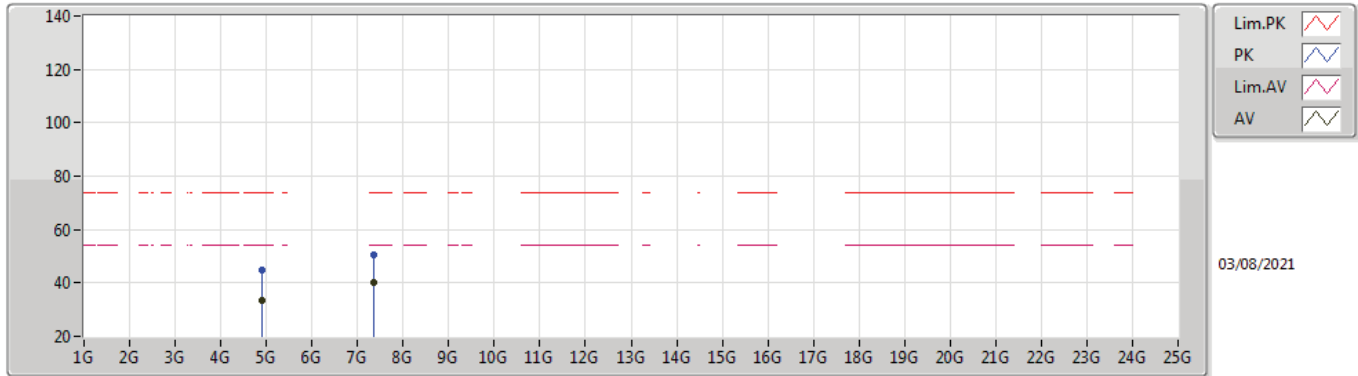


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3844G	49.82	54.00	-4.18	34.98	3	Horizontal	4	1.50	-	14.84	27.73	7.25	-
AV	2.4496G	97.67	Inf	-Inf	34.70	3	Horizontal	4	1.50	-	62.97	27.40	7.30	-
AV	2.4888G	53.42	54.00	-0.58	34.73	3	Horizontal	4	1.50	-	18.69	27.40	7.33	-
PK	2.3764G	59.98	74.00	-14.02	35.00	3	Horizontal	4	1.50	-	24.98	27.75	7.25	-
PK	2.4496G	109.60	Inf	-Inf	34.70	3	Horizontal	4	1.50	-	74.90	27.40	7.30	-
PK	2.4892G	65.02	74.00	-8.98	34.73	3	Horizontal	4	1.50	-	30.29	27.40	7.33	-



VHT40_Nss1,(MCS0)_4TX

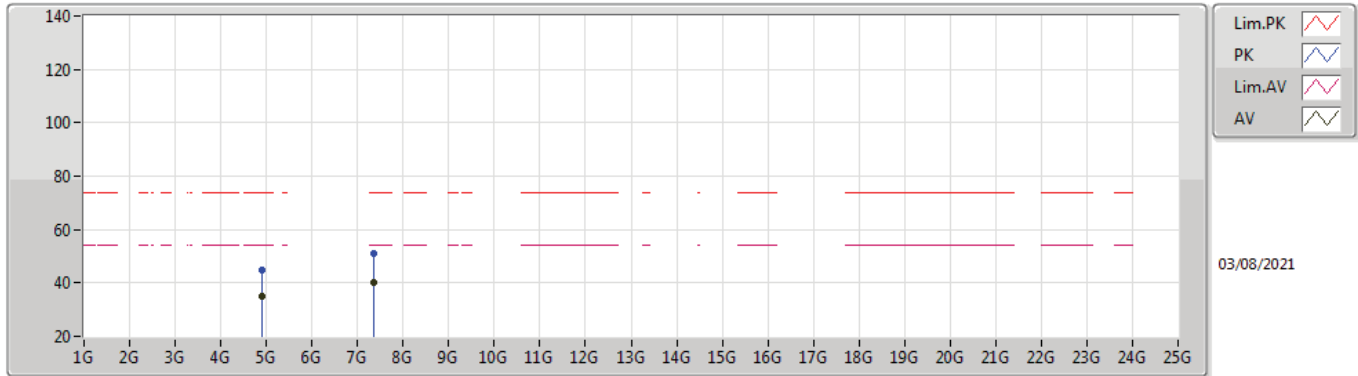
2452MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.89816G	33.57	54.00	-20.43	5.92	3	Vertical	253	1.50	-	27.65	31.20	8.97	34.25
AV	7.35824G	40.20	54.00	-13.80	12.37	3	Vertical	356	1.91	-	27.83	36.28	10.67	34.58
PK	4.90072G	44.59	74.00	-29.41	5.93	3	Vertical	253	1.50	-	38.66	31.20	8.98	34.25
PK	7.344G	50.72	74.00	-23.28	12.38	3	Vertical	356	1.91	-	38.34	36.31	10.65	34.58

VHT40_Nss1,(MCS0)_4TX

2452MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.904G	35.25	54.00	-18.75	5.95	3	Horizontal	0	1.68	-	29.30	31.22	8.98	34.25
AV	7.34992G	40.08	54.00	-13.92	12.38	3	Horizontal	182	1.66	-	27.70	36.30	10.66	34.58
PK	4.91664G	44.68	74.00	-29.32	6.01	3	Horizontal	0	1.68	-	38.67	31.27	8.99	34.25
PK	7.34776G	51.11	74.00	-22.89	12.38	3	Horizontal	182	1.66	-	38.73	36.30	10.66	34.58



Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_4TX	Pass	AV	4.834G	53.83	54.00	-0.17	3	Vertical	41	2.28	-
802.11g_Nss1,(6Mbps)_4TX	Pass	AV	2.4846G	53.77	54.00	-0.23	3	Vertical	224	2.18	-
VHT20_Nss1,(MCS0)_4TX	Pass	AV	2.4838G	53.83	54.00	-0.17	3	Vertical	49	1.32	-
VHT40_Nss1,(MCS0)_4TX	Pass	AV	2.3896G	53.82	54.00	-0.18	3	Vertical	56	2.20	-



Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	48.80	54.00	-5.20	3	Vertical	226	1.66	-
2412MHz	Pass	AV	2.4112G	111.20	Inf	-Inf	3	Vertical	226	1.66	-
2412MHz	Pass	AV	2.4912G	49.75	54.00	-4.25	3	Vertical	226	1.66	-
2412MHz	Pass	PK	2.378G	60.70	74.00	-13.30	3	Vertical	226	1.66	-
2412MHz	Pass	PK	2.4112G	115.09	Inf	-Inf	3	Vertical	226	1.66	-
2412MHz	Pass	PK	2.484G	60.00	74.00	-14.00	3	Vertical	226	1.66	-
2412MHz	Pass	AV	2.3136G	47.98	54.00	-6.02	3	Horizontal	254	3.00	-
2412MHz	Pass	AV	2.4128G	104.34	Inf	-Inf	3	Horizontal	254	3.00	-
2412MHz	Pass	AV	2.4944G	47.37	54.00	-6.63	3	Horizontal	254	3.00	-
2412MHz	Pass	PK	2.3288G	59.14	74.00	-14.86	3	Horizontal	254	3.00	-
2412MHz	Pass	PK	2.4132G	108.24	Inf	-Inf	3	Horizontal	254	3.00	-
2412MHz	Pass	PK	2.4888G	58.81	74.00	-15.19	3	Horizontal	254	3.00	-
2412MHz	Pass	AV	4.82398G	53.62	54.00	-0.38	3	Vertical	42	2.39	-
2412MHz	Pass	PK	4.82393G	56.26	74.00	-17.74	3	Vertical	42	2.39	-
2412MHz	Pass	AV	4.824G	44.51	54.00	-9.49	3	Horizontal	54	2.90	-
2412MHz	Pass	PK	4.82404G	49.47	74.00	-24.53	3	Horizontal	54	2.90	-
2417MHz	Pass	AV	2.3734G	48.52	54.00	-5.48	3	Vertical	225	1.60	-
2417MHz	Pass	AV	2.4162G	110.33	Inf	-Inf	3	Vertical	225	1.60	-
2417MHz	Pass	AV	2.4966G	49.23	54.00	-4.77	3	Vertical	225	1.60	-
2417MHz	Pass	PK	2.3718G	60.43	74.00	-13.57	3	Vertical	225	1.60	-
2417MHz	Pass	PK	2.4162G	114.06	Inf	-Inf	3	Vertical	225	1.60	-
2417MHz	Pass	PK	2.4962G	60.55	74.00	-13.45	3	Vertical	225	1.60	-
2417MHz	Pass	AV	2.317G	48.01	54.00	-5.99	3	Horizontal	250	3.00	-
2417MHz	Pass	AV	2.4178G	102.87	Inf	-Inf	3	Horizontal	250	3.00	-
2417MHz	Pass	AV	2.4994G	47.42	54.00	-6.58	3	Horizontal	250	3.00	-
2417MHz	Pass	PK	2.343G	59.65	74.00	-14.35	3	Horizontal	250	3.00	-
2417MHz	Pass	PK	2.4178G	106.96	Inf	-Inf	3	Horizontal	250	3.00	-
2417MHz	Pass	PK	2.495G	60.18	74.00	-13.82	3	Horizontal	250	3.00	-
2417MHz	Pass	AV	4.834G	53.83	54.00	-0.17	3	Vertical	41	2.28	-
2417MHz	Pass	AV	7.25022G	41.68	54.00	-12.32	3	Vertical	208	2.86	-
2417MHz	Pass	PK	4.83406G	56.33	74.00	-17.67	3	Vertical	41	2.28	-
2417MHz	Pass	PK	7.25026G	52.31	74.00	-21.69	3	Vertical	208	2.86	-
2417MHz	Pass	AV	4.83404G	42.97	54.00	-11.03	3	Horizontal	240	2.65	-
2417MHz	Pass	AV	7.25222G	37.06	54.00	-16.94	3	Horizontal	359	1.50	-
2417MHz	Pass	PK	4.834G	48.73	74.00	-25.27	3	Horizontal	240	2.65	-
2417MHz	Pass	PK	7.25446G	51.11	74.00	-22.89	3	Horizontal	359	1.50	-
2437MHz	Pass	AV	2.3578G	49.07	54.00	-4.93	3	Vertical	225	1.16	-
2437MHz	Pass	AV	2.4362G	112.86	Inf	-Inf	3	Vertical	225	1.16	-
2437MHz	Pass	AV	2.497G	48.39	54.00	-5.61	3	Vertical	225	1.16	-
2437MHz	Pass	PK	2.3882G	60.26	74.00	-13.74	3	Vertical	225	1.16	-
2437MHz	Pass	PK	2.4362G	116.64	Inf	-Inf	3	Vertical	225	1.16	-
2437MHz	Pass	PK	2.4998G	60.44	74.00	-13.56	3	Vertical	225	1.16	-
2437MHz	Pass	AV	2.339G	47.83	54.00	-6.17	3	Horizontal	42	2.20	-
2437MHz	Pass	AV	2.4362G	102.45	Inf	-Inf	3	Horizontal	42	2.20	-
2437MHz	Pass	AV	2.4982G	47.58	54.00	-6.42	3	Horizontal	42	2.20	-
2437MHz	Pass	PK	2.3526G	59.58	74.00	-14.42	3	Horizontal	42	2.20	-
2437MHz	Pass	PK	2.4362G	106.14	Inf	-Inf	3	Horizontal	42	2.20	-
2437MHz	Pass	PK	2.4882G	59.35	74.00	-14.65	3	Horizontal	42	2.20	-
2437MHz	Pass	AV	4.87402G	53.15	54.00	-0.85	3	Vertical	35	2.48	-
2437MHz	Pass	AV	7.31176G	43.36	54.00	-10.64	3	Vertical	138	2.95	-
2437MHz	Pass	PK	4.87396G	55.73	74.00	-18.27	3	Vertical	35	2.48	-
2437MHz	Pass	PK	7.31236G	53.25	74.00	-20.75	3	Vertical	138	2.95	-
2437MHz	Pass	AV	4.87402G	43.90	54.00	-10.10	3	Horizontal	252	1.11	-
2437MHz	Pass	AV	7.30612G	36.87	54.00	-17.13	3	Horizontal	102	1.00	-
2437MHz	Pass	PK	4.87386G	49.10	74.00	-24.90	3	Horizontal	252	1.11	-
2437MHz	Pass	PK	7.31082G	50.44	74.00	-23.56	3	Horizontal	102	1.00	-
2462MHz	Pass	AV	2.3804G	50.17	54.00	-3.83	3	Vertical	224	2.17	-
2462MHz	Pass	AV	2.4612G	114.85	Inf	-Inf	3	Vertical	224	2.17	-
2462MHz	Pass	AV	2.5G	49.69	54.00	-4.31	3	Vertical	224	2.17	-
2462MHz	Pass	PK	2.38G	61.51	74.00	-12.49	3	Vertical	224	2.17	-



RSE TX above 1GHz_Dipole Antenna

Appendix F.4

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2462MHz	Pass	PK	2.4612G	118.65	Inf	-Inf	3	Vertical	224	2.17	-
2462MHz	Pass	PK	2.4908G	61.28	74.00	-12.72	3	Vertical	224	2.17	-
2462MHz	Pass	AV	2.3648G	47.74	54.00	-6.26	3	Horizontal	43	3.00	-
2462MHz	Pass	AV	2.4628G	103.82	Inf	-Inf	3	Horizontal	43	3.00	-
2462MHz	Pass	AV	2.4988G	47.95	54.00	-6.05	3	Horizontal	43	3.00	-
2462MHz	Pass	PK	2.384G	60.03	74.00	-13.97	3	Horizontal	43	3.00	-
2462MHz	Pass	PK	2.4628G	107.69	Inf	-Inf	3	Horizontal	43	3.00	-
2462MHz	Pass	PK	2.4872G	59.67	74.00	-14.33	3	Horizontal	43	3.00	-
2462MHz	Pass	AV	4.924G	53.72	54.00	-0.28	3	Vertical	159	1.90	-
2462MHz	Pass	AV	7.38676G	43.80	54.00	-10.20	3	Vertical	193	2.82	-
2462MHz	Pass	PK	4.924G	56.34	74.00	-17.66	3	Vertical	159	1.90	-
2462MHz	Pass	PK	7.38504G	53.64	74.00	-20.36	3	Vertical	193	2.82	-
2462MHz	Pass	AV	4.924G	43.63	54.00	-10.37	3	Horizontal	236	1.50	-
2462MHz	Pass	AV	7.3868G	39.65	54.00	-14.35	3	Horizontal	255	2.94	-
2462MHz	Pass	PK	4.92406G	49.54	74.00	-24.46	3	Horizontal	236	1.50	-
2462MHz	Pass	PK	7.38812G	51.73	74.00	-22.27	3	Horizontal	255	2.94	-
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	53.24	54.00	-0.76	3	Vertical	225	1.64	-
2412MHz	Pass	AV	2.4128G	106.33	Inf	-Inf	3	Vertical	225	1.64	-
2412MHz	Pass	AV	2.4908G	50.50	54.00	-3.50	3	Vertical	225	1.64	-
2412MHz	Pass	PK	2.3896G	68.94	74.00	-5.06	3	Vertical	225	1.64	-
2412MHz	Pass	PK	2.4132G	115.24	Inf	-Inf	3	Vertical	225	1.64	-
2412MHz	Pass	PK	2.4892G	62.05	74.00	-11.95	3	Vertical	225	1.64	-
2412MHz	Pass	AV	2.39G	49.72	54.00	-4.28	3	Horizontal	253	3.00	-
2412MHz	Pass	AV	2.4108G	99.12	Inf	-Inf	3	Horizontal	253	3.00	-
2412MHz	Pass	AV	2.4872G	47.90	54.00	-6.10	3	Horizontal	253	3.00	-
2412MHz	Pass	PK	2.3892G	65.22	74.00	-8.78	3	Horizontal	253	3.00	-
2412MHz	Pass	PK	2.4104G	108.35	Inf	-Inf	3	Horizontal	253	3.00	-
2412MHz	Pass	PK	2.4888G	58.77	74.00	-15.23	3	Horizontal	253	3.00	-
2412MHz	Pass	AV	4.825G	39.31	54.00	-14.69	3	Vertical	38	1.94	-
2412MHz	Pass	PK	4.82568G	52.52	74.00	-21.48	3	Vertical	38	1.94	-
2412MHz	Pass	AV	4.83052G	32.77	54.00	-21.23	3	Horizontal	53	1.00	-
2412MHz	Pass	PK	4.83084G	46.09	74.00	-27.91	3	Horizontal	53	1.00	-
2417MHz	Pass	AV	2.3898G	53.09	54.00	-0.91	3	Vertical	200	1.64	-
2417MHz	Pass	AV	2.4202G	109.38	Inf	-Inf	3	Vertical	200	1.64	-
2417MHz	Pass	AV	2.4998G	50.57	54.00	-3.43	3	Vertical	200	1.64	-
2417MHz	Pass	PK	2.3814G	69.52	74.00	-4.48	3	Vertical	200	1.64	-
2417MHz	Pass	PK	2.4186G	118.75	Inf	-Inf	3	Vertical	200	1.64	-
2417MHz	Pass	PK	2.4978G	62.01	74.00	-11.99	3	Vertical	200	1.64	-
2417MHz	Pass	AV	2.3898G	49.90	54.00	-4.10	3	Horizontal	255	3.00	-
2417MHz	Pass	AV	2.4162G	101.93	Inf	-Inf	3	Horizontal	255	3.00	-
2417MHz	Pass	AV	2.499G	47.96	54.00	-6.04	3	Horizontal	255	3.00	-
2417MHz	Pass	PK	2.3898G	62.23	74.00	-11.77	3	Horizontal	255	3.00	-
2417MHz	Pass	PK	2.4154G	111.09	Inf	-Inf	3	Horizontal	255	3.00	-
2417MHz	Pass	PK	2.4835G	58.70	74.00	-15.30	3	Horizontal	255	3.00	-
2437MHz	Pass	AV	2.3898G	53.46	54.00	-0.54	3	Vertical	225	1.16	-
2437MHz	Pass	AV	2.4382G	113.61	Inf	-Inf	3	Vertical	225	1.16	-
2437MHz	Pass	AV	2.4938G	52.56	54.00	-1.44	3	Vertical	225	1.16	-
2437MHz	Pass	PK	2.3898G	66.46	74.00	-7.54	3	Vertical	225	1.16	-
2437MHz	Pass	PK	2.4378G	123.25	Inf	-Inf	3	Vertical	225	1.16	-
2437MHz	Pass	PK	2.495G	65.55	74.00	-8.45	3	Vertical	225	1.16	-
2437MHz	Pass	AV	2.3898G	49.12	54.00	-4.88	3	Horizontal	320	1.09	-
2437MHz	Pass	AV	2.4354G	102.73	Inf	-Inf	3	Horizontal	320	1.09	-
2437MHz	Pass	AV	2.489G	48.29	54.00	-5.71	3	Horizontal	320	1.09	-
2437MHz	Pass	PK	2.3894G	61.20	74.00	-12.80	3	Horizontal	320	1.09	-
2437MHz	Pass	PK	2.4342G	112.14	Inf	-Inf	3	Horizontal	320	1.09	-
2437MHz	Pass	PK	2.4874G	59.40	74.00	-14.60	3	Horizontal	320	1.09	-
2437MHz	Pass	AV	4.87688G	47.16	54.00	-6.84	3	Vertical	87	2.12	-
2437MHz	Pass	AV	7.31696G	50.44	54.00	-3.56	3	Vertical	137	2.94	-
2437MHz	Pass	PK	4.87728G	59.97	74.00	-14.03	3	Vertical	87	2.12	-
2437MHz	Pass	PK	7.31712G	63.41	74.00	-10.59	3	Vertical	137	2.94	-
2437MHz	Pass	AV	4.87656G	40.00	54.00	-14.00	3	Horizontal	318	2.50	-



RSE TX above 1GHz_Dipole Antenna

Appendix F.4

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2437MHz	Pass	AV	7.31064G	42.23	54.00	-11.77	3	Horizontal	50	3.00	-
2437MHz	Pass	PK	4.87728G	53.08	74.00	-20.92	3	Horizontal	318	2.50	-
2437MHz	Pass	PK	7.31108G	55.02	74.00	-18.98	3	Horizontal	50	3.00	-
2457MHz	Pass	AV	2.3758G	50.90	54.00	-3.10	3	Vertical	224	2.18	-
2457MHz	Pass	AV	2.4582G	111.54	Inf	-Inf	3	Vertical	224	2.18	-
2457MHz	Pass	AV	2.4846G	53.77	54.00	-0.23	3	Vertical	224	2.18	-
2457MHz	Pass	PK	2.3782G	63.49	74.00	-10.51	3	Vertical	224	2.18	-
2457MHz	Pass	PK	2.4582G	120.67	Inf	-Inf	3	Vertical	224	2.18	-
2457MHz	Pass	PK	2.4854G	67.82	74.00	-6.18	3	Vertical	224	2.18	-
2457MHz	Pass	AV	2.3622G	48.45	54.00	-5.55	3	Horizontal	71	1.00	-
2457MHz	Pass	AV	2.459G	99.80	Inf	-Inf	3	Horizontal	71	1.00	-
2457MHz	Pass	AV	2.4838G	49.59	54.00	-4.41	3	Horizontal	71	1.00	-
2457MHz	Pass	PK	2.3582G	59.39	74.00	-14.61	3	Horizontal	71	1.00	-
2457MHz	Pass	PK	2.4586G	108.97	Inf	-Inf	3	Horizontal	71	1.00	-
2457MHz	Pass	PK	2.4835G	61.78	74.00	-12.22	3	Horizontal	71	1.00	-
2462MHz	Pass	AV	2.3816G	50.55	54.00	-3.45	3	Vertical	224	2.16	-
2462MHz	Pass	AV	2.4632G	107.23	Inf	-Inf	3	Vertical	224	2.16	-
2462MHz	Pass	AV	2.4835G	53.12	54.00	-0.88	3	Vertical	224	2.16	-
2462MHz	Pass	PK	2.384G	61.68	74.00	-12.32	3	Vertical	224	2.16	-
2462MHz	Pass	PK	2.4628G	116.43	Inf	-Inf	3	Vertical	224	2.16	-
2462MHz	Pass	PK	2.4835G	67.65	74.00	-6.35	3	Vertical	224	2.16	-
2462MHz	Pass	AV	2.3796G	48.11	54.00	-5.89	3	Horizontal	43	2.52	-
2462MHz	Pass	AV	2.4616G	96.04	Inf	-Inf	3	Horizontal	43	2.52	-
2462MHz	Pass	AV	2.4996G	48.27	54.00	-5.73	3	Horizontal	43	2.52	-
2462MHz	Pass	PK	2.3764G	59.50	74.00	-14.50	3	Horizontal	43	2.52	-
2462MHz	Pass	PK	2.4616G	105.41	Inf	-Inf	3	Horizontal	43	2.52	-
2462MHz	Pass	PK	2.4968G	59.31	74.00	-14.69	3	Horizontal	43	2.52	-
2462MHz	Pass	AV	4.92612G	36.84	54.00	-17.16	3	Vertical	41	2.23	-
2462MHz	Pass	AV	7.39276G	38.09	54.00	-15.91	3	Vertical	175	2.87	-
2462MHz	Pass	PK	4.92576G	50.46	74.00	-23.54	3	Vertical	41	2.23	-
2462MHz	Pass	PK	7.38604G	50.66	74.00	-23.34	3	Vertical	175	2.87	-
2462MHz	Pass	AV	4.92704G	32.38	54.00	-21.62	3	Horizontal	322	1.50	-
2462MHz	Pass	AV	7.38004G	37.38	54.00	-16.62	3	Horizontal	202	1.50	-
2462MHz	Pass	PK	4.93032G	46.04	74.00	-27.96	3	Horizontal	322	1.50	-
2462MHz	Pass	PK	7.39268G	50.53	74.00	-23.47	3	Horizontal	202	1.50	-
VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	53.25	54.00	-0.75	3	Vertical	56	2.44	-
2412MHz	Pass	AV	2.41G	103.47	Inf	-Inf	3	Vertical	56	2.44	-
2412MHz	Pass	AV	2.4896G	50.15	54.00	-3.85	3	Vertical	56	2.44	-
2412MHz	Pass	PK	2.39G	65.03	74.00	-8.97	3	Vertical	56	2.44	-
2412MHz	Pass	PK	2.4152G	113.48	Inf	-Inf	3	Vertical	56	2.44	-
2412MHz	Pass	PK	2.4908G	60.52	74.00	-13.48	3	Vertical	56	2.44	-
2412MHz	Pass	AV	2.3896G	49.33	54.00	-4.67	3	Horizontal	76	1.04	-
2412MHz	Pass	AV	2.4132G	94.82	Inf	-Inf	3	Horizontal	76	1.04	-
2412MHz	Pass	AV	2.4956G	48.33	54.00	-5.67	3	Horizontal	76	1.04	-
2412MHz	Pass	PK	2.3888G	59.94	74.00	-14.06	3	Horizontal	76	1.04	-
2412MHz	Pass	PK	2.4132G	105.99	Inf	-Inf	3	Horizontal	76	1.04	-
2412MHz	Pass	PK	2.4984G	58.42	74.00	-15.58	3	Horizontal	76	1.04	-
2412MHz	Pass	AV	4.82524G	38.91	54.00	-15.09	3	Vertical	33	1.17	-
2412MHz	Pass	PK	4.8234G	51.48	74.00	-22.52	3	Vertical	33	1.17	-
2412MHz	Pass	AV	4.82192G	33.24	54.00	-20.76	3	Horizontal	240	1.16	-
2412MHz	Pass	PK	4.81496G	45.13	74.00	-28.87	3	Horizontal	240	1.16	-
2417MHz	Pass	AV	2.3898G	53.17	54.00	-0.83	3	Vertical	53	2.49	-
2417MHz	Pass	AV	2.415G	107.11	Inf	-Inf	3	Vertical	53	2.49	-
2417MHz	Pass	AV	2.495G	51.15	54.00	-2.85	3	Vertical	53	2.49	-
2417MHz	Pass	PK	2.3898G	64.87	74.00	-9.13	3	Vertical	53	2.49	-
2417MHz	Pass	PK	2.4126G	116.60	Inf	-Inf	3	Vertical	53	2.49	-
2417MHz	Pass	PK	2.4898G	62.45	74.00	-11.55	3	Vertical	53	2.49	-
2417MHz	Pass	AV	2.3894G	49.13	54.00	-4.87	3	Horizontal	267	1.50	-
2417MHz	Pass	AV	2.4182G	96.35	Inf	-Inf	3	Horizontal	267	1.50	-
2417MHz	Pass	AV	2.4978G	48.75	54.00	-5.25	3	Horizontal	267	1.50	-
2417MHz	Pass	PK	2.3346G	59.50	74.00	-14.50	3	Horizontal	267	1.50	-



RSE TX above 1GHz_Dipole Antenna

Appendix F.4

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2417MHz	Pass	PK	2.4178G	107.24	Inf	-Inf	3	Horizontal	267	1.50	-
2417MHz	Pass	PK	2.4902G	59.02	74.00	-14.98	3	Horizontal	267	1.50	-
2437MHz	Pass	AV	2.3886G	53.27	54.00	-0.73	3	Vertical	59	2.73	-
2437MHz	Pass	AV	2.435G	109.79	Inf	-Inf	3	Vertical	59	2.73	-
2437MHz	Pass	AV	2.4842G	52.41	54.00	-1.59	3	Vertical	59	2.73	-
2437MHz	Pass	PK	2.389G	65.06	74.00	-8.94	3	Vertical	59	2.73	-
2437MHz	Pass	PK	2.4374G	119.89	Inf	-Inf	3	Vertical	59	2.73	-
2437MHz	Pass	PK	2.4846G	63.87	74.00	-10.13	3	Vertical	59	2.73	-
2437MHz	Pass	AV	2.3406G	48.85	54.00	-5.15	3	Horizontal	136	1.54	-
2437MHz	Pass	AV	2.439G	99.35	Inf	-Inf	3	Horizontal	136	1.54	-
2437MHz	Pass	AV	2.4918G	48.34	54.00	-5.66	3	Horizontal	136	1.54	-
2437MHz	Pass	PK	2.3842G	59.42	74.00	-14.58	3	Horizontal	136	1.54	-
2437MHz	Pass	PK	2.4326G	108.43	Inf	-Inf	3	Horizontal	136	1.54	-
2437MHz	Pass	PK	2.4998G	58.08	74.00	-15.92	3	Horizontal	136	1.54	-
2437MHz	Pass	AV	4.8754G	43.61	54.00	-10.39	3	Vertical	36	2.40	-
2437MHz	Pass	AV	7.3116G	44.74	54.00	-9.26	3	Vertical	207	2.59	-
2437MHz	Pass	PK	4.87608G	56.49	74.00	-17.51	3	Vertical	36	2.40	-
2437MHz	Pass	PK	7.31216G	56.83	74.00	-17.17	3	Vertical	207	2.59	-
2437MHz	Pass	AV	4.87604G	36.68	54.00	-17.32	3	Horizontal	244	1.31	-
2437MHz	Pass	AV	7.31256G	39.70	54.00	-14.30	3	Horizontal	50	2.87	-
2437MHz	Pass	PK	4.87512G	48.87	74.00	-25.13	3	Horizontal	244	1.31	-
2437MHz	Pass	PK	7.31092G	52.17	74.00	-21.83	3	Horizontal	50	2.87	-
2457MHz	Pass	AV	2.3842G	51.99	54.00	-2.01	3	Vertical	49	1.32	-
2457MHz	Pass	AV	2.455G	107.73	Inf	-Inf	3	Vertical	49	1.32	-
2457MHz	Pass	AV	2.4838G	53.83	54.00	-0.17	3	Vertical	49	1.32	-
2457MHz	Pass	PK	2.3778G	62.46	74.00	-11.54	3	Vertical	49	1.32	-
2457MHz	Pass	PK	2.4578G	117.45	Inf	-Inf	3	Vertical	49	1.32	-
2457MHz	Pass	PK	2.4835G	65.41	74.00	-8.59	3	Vertical	49	1.32	-
2457MHz	Pass	AV	2.379G	48.97	54.00	-5.03	3	Horizontal	262	1.25	-
2457MHz	Pass	AV	2.455G	97.11	Inf	-Inf	3	Horizontal	262	1.25	-
2457MHz	Pass	AV	2.4835G	49.22	54.00	-4.78	3	Horizontal	262	1.25	-
2457MHz	Pass	PK	2.3742G	59.46	74.00	-14.54	3	Horizontal	262	1.25	-
2457MHz	Pass	PK	2.4566G	106.96	Inf	-Inf	3	Horizontal	262	1.25	-
2457MHz	Pass	PK	2.4846G	60.09	74.00	-13.91	3	Horizontal	262	1.25	-
2462MHz	Pass	AV	2.374G	50.86	54.00	-3.14	3	Vertical	47	1.33	-
2462MHz	Pass	AV	2.4596G	104.46	Inf	-Inf	3	Vertical	47	1.33	-
2462MHz	Pass	AV	2.4835G	53.23	54.00	-0.77	3	Vertical	47	1.33	-
2462MHz	Pass	PK	2.384G	61.70	74.00	-12.30	3	Vertical	47	1.33	-
2462MHz	Pass	PK	2.4648G	113.72	Inf	-Inf	3	Vertical	47	1.33	-
2462MHz	Pass	PK	2.484G	64.10	74.00	-9.90	3	Vertical	47	1.33	-
2462MHz	Pass	AV	2.37G	48.64	54.00	-5.36	3	Horizontal	265	2.66	-
2462MHz	Pass	AV	2.46G	93.85	Inf	-Inf	3	Horizontal	265	2.66	-
2462MHz	Pass	AV	2.4835G	48.78	54.00	-5.22	3	Horizontal	265	2.66	-
2462MHz	Pass	PK	2.37G	58.69	74.00	-15.31	3	Horizontal	265	2.66	-
2462MHz	Pass	PK	2.4604G	103.80	Inf	-Inf	3	Horizontal	265	2.66	-
2462MHz	Pass	PK	2.4844G	59.53	74.00	-14.47	3	Horizontal	265	2.66	-
2462MHz	Pass	AV	4.92536G	37.57	54.00	-16.43	3	Vertical	326	2.43	-
2462MHz	Pass	AV	7.38732G	38.32	54.00	-15.68	3	Vertical	43	3.00	-
2462MHz	Pass	PK	4.92596G	50.45	74.00	-23.55	3	Vertical	326	2.43	-
2462MHz	Pass	PK	7.38696G	50.85	74.00	-23.15	3	Vertical	43	3.00	-
2462MHz	Pass	AV	4.92512G	33.23	54.00	-20.77	3	Horizontal	318	2.26	-
2462MHz	Pass	AV	7.38544G	38.34	54.00	-15.66	3	Horizontal	232	1.01	-
2462MHz	Pass	PK	4.92532G	44.66	74.00	-29.34	3	Horizontal	318	2.26	-
2462MHz	Pass	PK	7.37864G	50.64	74.00	-23.36	3	Horizontal	232	1.01	-
VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	AV	2.3896G	53.82	54.00	-0.18	3	Vertical	56	2.20	-
2422MHz	Pass	AV	2.4248G	96.68	Inf	-Inf	3	Vertical	56	2.20	-
2422MHz	Pass	AV	2.498G	49.81	54.00	-4.19	3	Vertical	56	2.20	-
2422MHz	Pass	PK	2.386G	65.55	74.00	-8.45	3	Vertical	56	2.20	-
2422MHz	Pass	PK	2.4252G	105.37	Inf	-Inf	3	Vertical	56	2.20	-
2422MHz	Pass	PK	2.4852G	58.90	74.00	-15.10	3	Vertical	56	2.20	-
2422MHz	Pass	AV	2.3544G	49.89	54.00	-4.11	3	Horizontal	269	1.10	-



RSE TX above 1GHz_Dipole Antenna

Appendix F.4

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2422MHz	Pass	AV	2.4188G	86.87	Inf	-Inf	3	Horizontal	269	1.10	-
2422MHz	Pass	AV	2.486G	49.12	54.00	-4.88	3	Horizontal	269	1.10	-
2422MHz	Pass	PK	2.3356G	59.58	74.00	-14.42	3	Horizontal	269	1.10	-
2422MHz	Pass	PK	2.418G	95.53	Inf	-Inf	3	Horizontal	269	1.10	-
2422MHz	Pass	PK	2.486G	58.37	74.00	-15.63	3	Horizontal	269	1.10	-
2422MHz	Pass	AV	4.83504G	33.84	54.00	-20.16	3	Vertical	336	2.03	-
2422MHz	Pass	AV	7.25416G	39.90	54.00	-14.10	3	Vertical	209	1.50	-
2422MHz	Pass	PK	4.84512G	44.68	74.00	-29.32	3	Vertical	336	2.03	-
2422MHz	Pass	PK	7.27096G	51.84	74.00	-22.16	3	Vertical	209	1.50	-
2422MHz	Pass	AV	4.83688G	33.20	54.00	-20.80	3	Horizontal	336	3.00	-
2422MHz	Pass	AV	7.25248G	39.98	54.00	-14.02	3	Horizontal	314	1.50	-
2422MHz	Pass	PK	4.84256G	44.17	74.00	-29.83	3	Horizontal	336	3.00	-
2422MHz	Pass	PK	7.26336G	50.97	74.00	-23.03	3	Horizontal	314	1.50	-
2427MHz	Pass	AV	2.3898G	53.57	54.00	-0.43	3	Vertical	0	2.24	-
2427MHz	Pass	AV	2.4306G	100.40	Inf	-Inf	3	Vertical	0	2.24	-
2427MHz	Pass	AV	2.4978G	49.74	54.00	-4.26	3	Vertical	0	2.24	-
2427MHz	Pass	PK	2.389G	62.89	74.00	-11.11	3	Vertical	0	2.24	-
2427MHz	Pass	PK	2.4314G	109.32	Inf	-Inf	3	Vertical	0	2.24	-
2427MHz	Pass	PK	2.4962G	60.86	74.00	-13.14	3	Vertical	0	2.24	-
2427MHz	Pass	AV	2.3886G	50.01	54.00	-3.99	3	Horizontal	285	1.12	-
2427MHz	Pass	AV	2.4238G	91.86	Inf	-Inf	3	Horizontal	285	1.12	-
2427MHz	Pass	AV	2.4978G	49.38	54.00	-4.62	3	Horizontal	285	1.12	-
2427MHz	Pass	PK	2.3882G	60.67	74.00	-13.33	3	Horizontal	285	1.12	-
2427MHz	Pass	PK	2.4198G	99.85	Inf	-Inf	3	Horizontal	285	1.12	-
2427MHz	Pass	PK	2.4986G	58.87	74.00	-15.13	3	Horizontal	285	1.12	-
2437MHz	Pass	AV	2.3898G	53.50	54.00	-0.50	3	Vertical	58	2.72	-
2437MHz	Pass	AV	2.435G	101.43	Inf	-Inf	3	Vertical	58	2.72	-
2437MHz	Pass	AV	2.4854G	52.51	54.00	-1.49	3	Vertical	58	2.72	-
2437MHz	Pass	PK	2.3898G	63.46	74.00	-10.54	3	Vertical	58	2.72	-
2437MHz	Pass	PK	2.4426G	110.52	Inf	-Inf	3	Vertical	58	2.72	-
2437MHz	Pass	PK	2.485G	64.07	74.00	-9.93	3	Vertical	58	2.72	-
2437MHz	Pass	AV	2.3482G	50.04	54.00	-3.96	3	Horizontal	267	1.00	-
2437MHz	Pass	AV	2.4338G	92.27	Inf	-Inf	3	Horizontal	267	1.00	-
2437MHz	Pass	AV	2.485G	49.38	54.00	-4.62	3	Horizontal	267	1.00	-
2437MHz	Pass	PK	2.3542G	59.24	74.00	-14.76	3	Horizontal	267	1.00	-
2437MHz	Pass	PK	2.4306G	101.31	Inf	-Inf	3	Horizontal	267	1.00	-
2437MHz	Pass	PK	2.4898G	60.21	74.00	-13.79	3	Horizontal	267	1.00	-
2437MHz	Pass	AV	4.8676G	39.60	54.00	-14.40	3	Vertical	34	2.04	-
2437MHz	Pass	AV	7.29236G	39.70	54.00	-14.30	3	Vertical	107	3.00	-
2437MHz	Pass	PK	4.874G	50.32	74.00	-23.68	3	Vertical	34	2.04	-
2437MHz	Pass	PK	7.30076G	51.67	74.00	-22.33	3	Vertical	107	3.00	-
2437MHz	Pass	AV	4.86512G	34.14	54.00	-19.86	3	Horizontal	240	1.35	-
2437MHz	Pass	AV	7.29172G	40.02	54.00	-13.98	3	Horizontal	312	1.50	-
2437MHz	Pass	PK	4.86528G	44.06	74.00	-29.94	3	Horizontal	240	1.35	-
2437MHz	Pass	PK	7.3194G	50.63	74.00	-23.37	3	Horizontal	312	1.50	-
2447MHz	Pass	AV	2.3806G	49.89	54.00	-4.11	3	Vertical	0	1.74	-
2447MHz	Pass	AV	2.4506G	99.35	Inf	-Inf	3	Vertical	0	1.74	-
2447MHz	Pass	AV	2.4846G	53.48	54.00	-0.52	3	Vertical	0	1.74	-
2447MHz	Pass	PK	2.3674G	59.11	74.00	-14.89	3	Vertical	0	1.74	-
2447MHz	Pass	PK	2.4514G	108.03	Inf	-Inf	3	Vertical	0	1.74	-
2447MHz	Pass	PK	2.4838G	62.92	74.00	-11.08	3	Vertical	0	1.74	-
2447MHz	Pass	AV	2.3474G	50.30	54.00	-3.70	3	Horizontal	50	3.00	-
2447MHz	Pass	AV	2.4446G	90.82	Inf	-Inf	3	Horizontal	50	3.00	-
2447MHz	Pass	AV	2.4835G	49.22	54.00	-4.78	3	Horizontal	50	3.00	-
2447MHz	Pass	PK	2.3662G	58.79	74.00	-15.21	3	Horizontal	50	3.00	-
2447MHz	Pass	PK	2.445G	99.90	Inf	-Inf	3	Horizontal	50	3.00	-
2447MHz	Pass	PK	2.4878G	58.88	74.00	-15.12	3	Horizontal	50	3.00	-
2452MHz	Pass	AV	2.364G	50.11	54.00	-3.89	3	Vertical	360	1.71	-
2452MHz	Pass	AV	2.4556G	99.07	Inf	-Inf	3	Vertical	360	1.71	-
2452MHz	Pass	AV	2.4844G	53.61	54.00	-0.39	3	Vertical	360	1.71	-
2452MHz	Pass	PK	2.3616G	59.29	74.00	-14.71	3	Vertical	360	1.71	-
2452MHz	Pass	PK	2.456G	107.77	Inf	-Inf	3	Vertical	360	1.71	-



RSE TX above 1GHz_Dipole Antenna

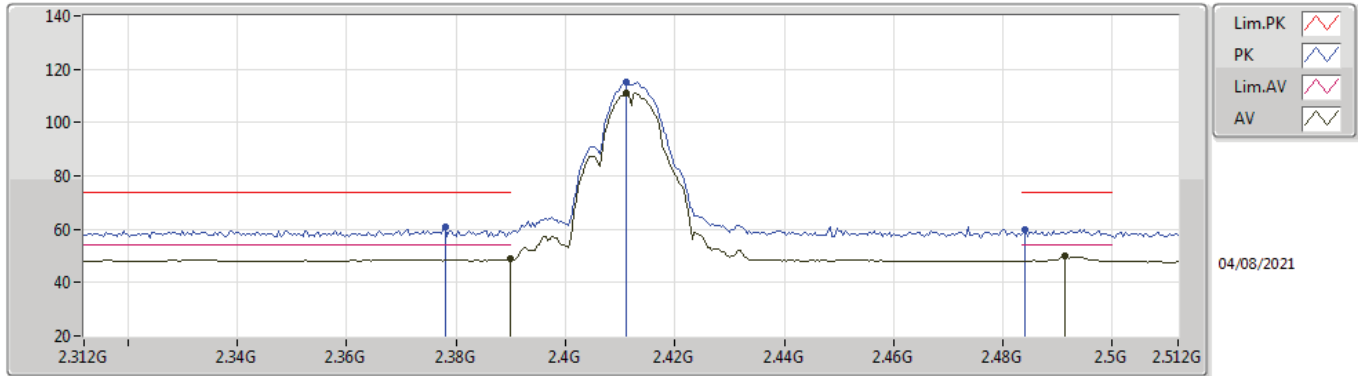
Appendix F.4

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2452MHz	Pass	PK	2.4852G	63.04	74.00	-10.96	3	Vertical	360	1.71	-
2452MHz	Pass	AV	2.3816G	49.64	54.00	-4.36	3	Horizontal	64	2.91	-
2452MHz	Pass	AV	2.4552G	89.43	Inf	-Inf	3	Horizontal	64	2.91	-
2452MHz	Pass	AV	2.4984G	49.74	54.00	-4.26	3	Horizontal	64	2.91	-
2452MHz	Pass	PK	2.3656G	59.23	74.00	-14.77	3	Horizontal	64	2.91	-
2452MHz	Pass	PK	2.4536G	98.28	Inf	-Inf	3	Horizontal	64	2.91	-
2452MHz	Pass	PK	2.4848G	60.72	74.00	-13.28	3	Horizontal	64	2.91	-
2452MHz	Pass	AV	4.89552G	35.97	54.00	-18.03	3	Vertical	38	2.22	-
2452MHz	Pass	AV	7.36264G	40.20	54.00	-13.80	3	Vertical	343	1.50	-
2452MHz	Pass	PK	4.89848G	46.25	74.00	-27.75	3	Vertical	38	2.22	-
2452MHz	Pass	PK	7.358G	50.70	74.00	-23.30	3	Vertical	343	1.50	-
2452MHz	Pass	AV	4.89632G	33.50	54.00	-20.50	3	Horizontal	152	1.50	-
2452MHz	Pass	AV	7.36728G	39.96	54.00	-14.04	3	Horizontal	37	1.50	-
2452MHz	Pass	PK	4.89936G	44.96	74.00	-29.04	3	Horizontal	152	1.50	-
2452MHz	Pass	PK	7.35888G	50.75	74.00	-23.25	3	Horizontal	37	1.50	-



802.11b_Nss1,(1Mbps)_4TX

2412MHz_TX

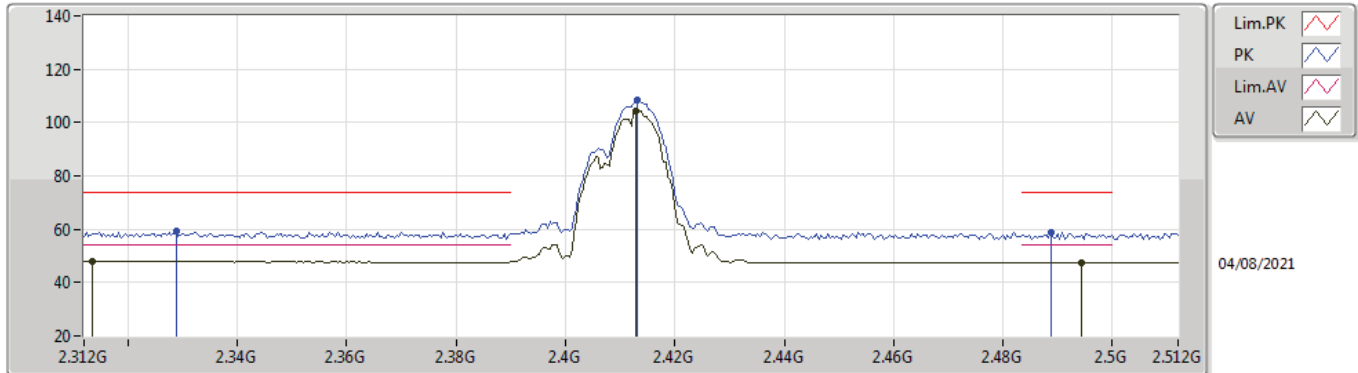


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	48.80	54.00	-5.20	34.98	3	Vertical	226	1.66	-	13.82	27.72	7.26	-
AV	2.4112G	111.20	Inf	-Inf	34.90	3	Vertical	226	1.66	-	76.30	27.63	7.27	-
AV	2.4912G	49.75	54.00	-4.25	34.73	3	Vertical	226	1.66	-	15.02	27.40	7.33	-
PK	2.378G	60.70	74.00	-13.30	34.99	3	Vertical	226	1.66	-	25.71	27.74	7.25	-
PK	2.4112G	115.09	Inf	-Inf	34.90	3	Vertical	226	1.66	-	80.19	27.63	7.27	-
PK	2.484G	60.00	74.00	-14.00	34.73	3	Vertical	226	1.66	-	25.27	27.40	7.33	-



802.11b_Nss1,(1Mbps)_4TX

2412MHz_TX

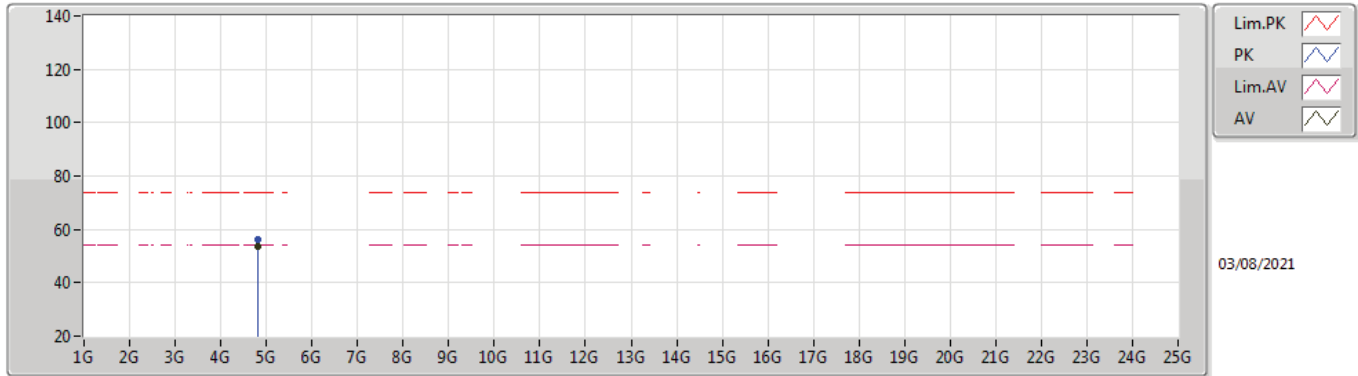


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3136G	47.98	54.00	-6.02	35.09	3	Horizontal	254	3.00	-	12.89	27.87	7.22	-
AV	2.4128G	104.34	Inf	-Inf	34.89	3	Horizontal	254	3.00	-	69.45	27.62	7.27	-
AV	2.4944G	47.37	54.00	-6.63	34.74	3	Horizontal	254	3.00	-	12.63	27.40	7.34	-
PK	2.3288G	59.14	74.00	-14.86	35.07	3	Horizontal	254	3.00	-	24.07	27.84	7.23	-
PK	2.4132G	108.24	Inf	-Inf	34.89	3	Horizontal	254	3.00	-	73.35	27.62	7.27	-
PK	2.4888G	58.81	74.00	-15.19	34.73	3	Horizontal	254	3.00	-	24.08	27.40	7.33	-



802.11b_Nss1,(1Mbps)_4TX

2412MHz_TX

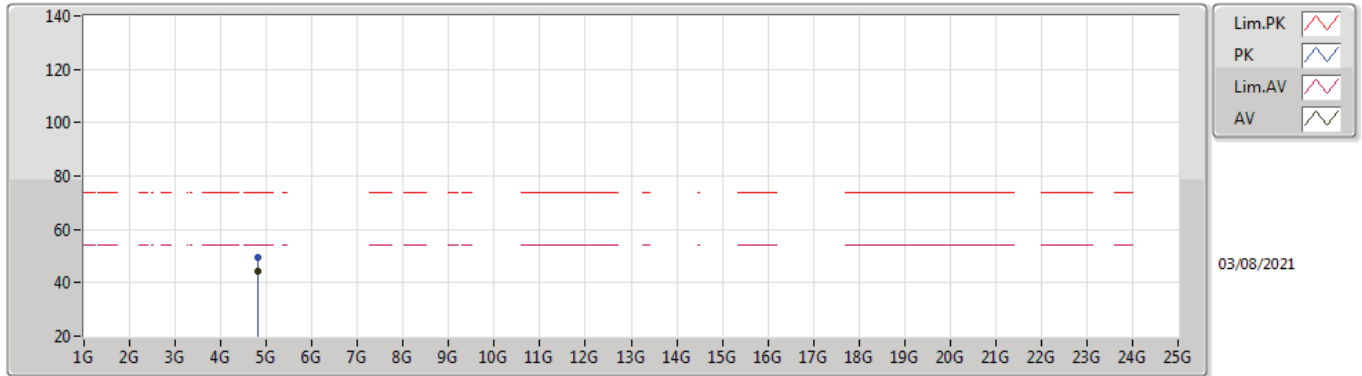


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.82398G	53.62	54.00	-0.38	5.79	3	Vertical	42	2.39	-	47.83	31.15	8.92	34.28
PK	4.82393G	56.26	74.00	-17.74	5.79	3	Vertical	42	2.39	-	50.47	31.15	8.92	34.28



802.11b_Nss1,(1Mbps)_4TX

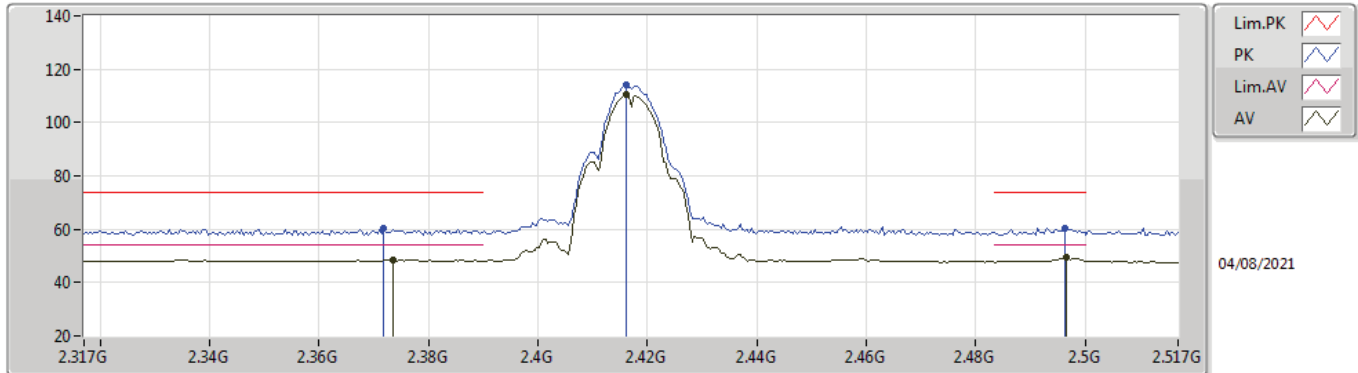
2412MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.824G	44.51	54.00	-9.49	5.79	3	Horizontal	54	2.90	-	38.72	31.15	8.92	34.28
PK	4.82404G	49.47	74.00	-24.53	5.79	3	Horizontal	54	2.90	-	43.68	31.15	8.92	34.28

802.11b_Nss1,(1Mbps)_4TX

2417MHz_TX

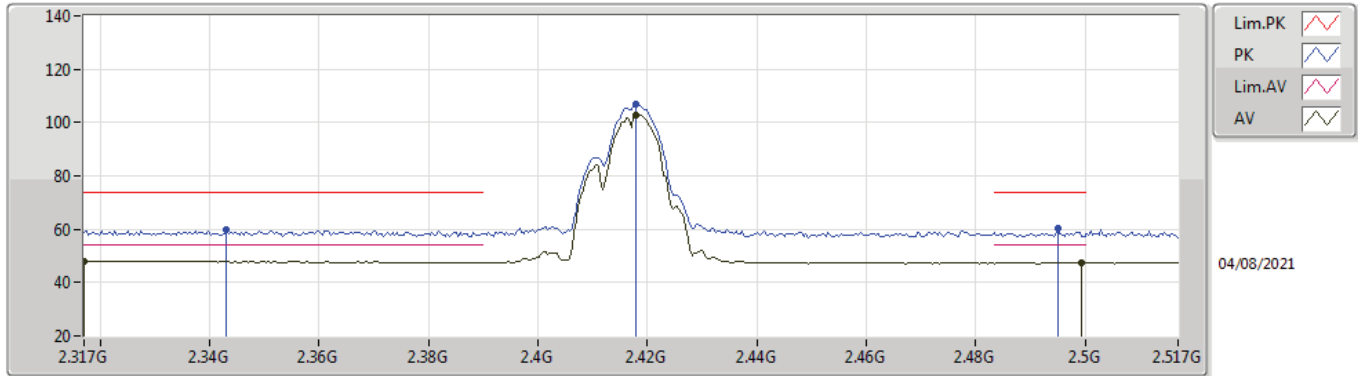


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3734G	48.52	54.00	-5.48	35.00	3	Vertical	225	1.60	-	13.52	27.75	7.25	-
AV	2.4162G	110.33	Inf	-Inf	34.87	3	Vertical	225	1.60	-	75.46	27.60	7.27	-
AV	2.4966G	49.23	54.00	-4.77	34.74	3	Vertical	225	1.60	-	14.49	27.40	7.34	-
PK	2.3718G	60.43	74.00	-13.57	35.01	3	Vertical	225	1.60	-	25.42	27.76	7.25	-
PK	2.4162G	114.06	Inf	-Inf	34.87	3	Vertical	225	1.60	-	79.19	27.60	7.27	-
PK	2.4962G	60.55	74.00	-13.45	34.74	3	Vertical	225	1.60	-	25.81	27.40	7.34	-



802.11b_Nss1,(1Mbps)_4TX

2417MHz_TX

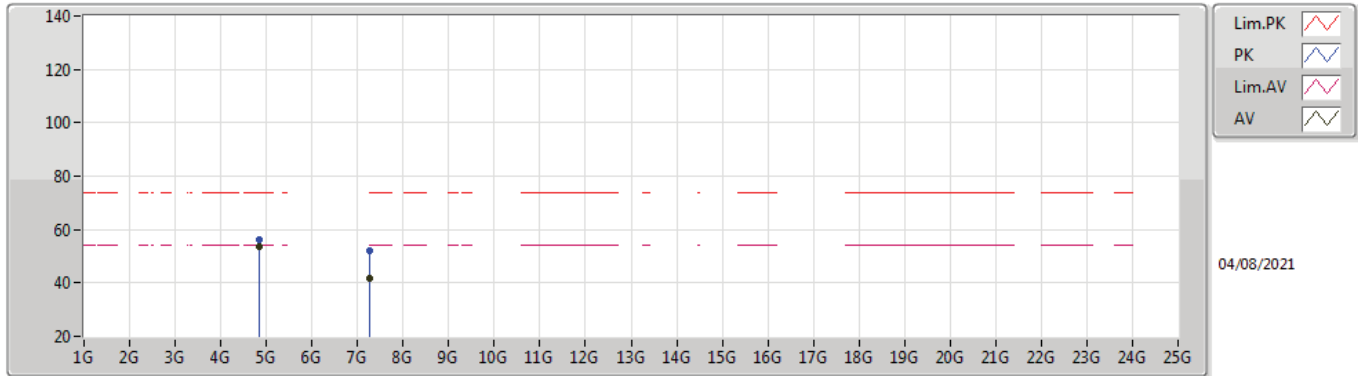


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.317G	48.01	54.00	-5.99	35.09	3	Horizontal	250	3.00	-	12.92	27.87	7.22	-
AV	2.4178G	102.87	Inf	-Inf	34.86	3	Horizontal	250	3.00	-	68.01	27.59	7.27	-
AV	2.4994G	47.42	54.00	-6.58	34.74	3	Horizontal	250	3.00	-	12.68	27.40	7.34	-
PK	2.343G	59.65	74.00	-14.35	35.04	3	Horizontal	250	3.00	-	24.61	27.81	7.23	-
PK	2.4178G	106.96	Inf	-Inf	34.86	3	Horizontal	250	3.00	-	72.10	27.59	7.27	-
PK	2.495G	60.18	74.00	-13.82	34.74	3	Horizontal	250	3.00	-	25.44	27.40	7.34	-



802.11b_Nss1,(1Mbps)_4TX

2417MHz_TX

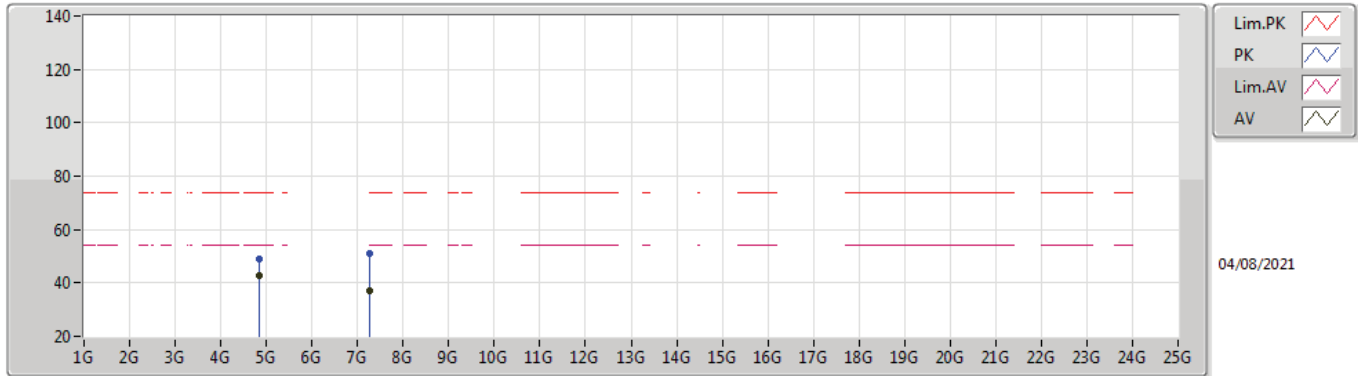


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.834G	53.83	54.00	-0.17	5.82	3	Vertical	41	2.28	-	48.01	31.17	8.93	34.28
AV	7.25022G	41.68	54.00	-12.32	12.29	3	Vertical	208	2.86	-	29.39	36.30	10.56	34.57
PK	4.83406G	56.33	74.00	-17.67	5.82	3	Vertical	41	2.28	-	50.51	31.17	8.93	34.28
PK	7.25026G	52.31	74.00	-21.69	12.29	3	Vertical	208	2.86	-	40.02	36.30	10.56	34.57



802.11b_Nss1,(1Mbps)_4TX

2417MHz_TX

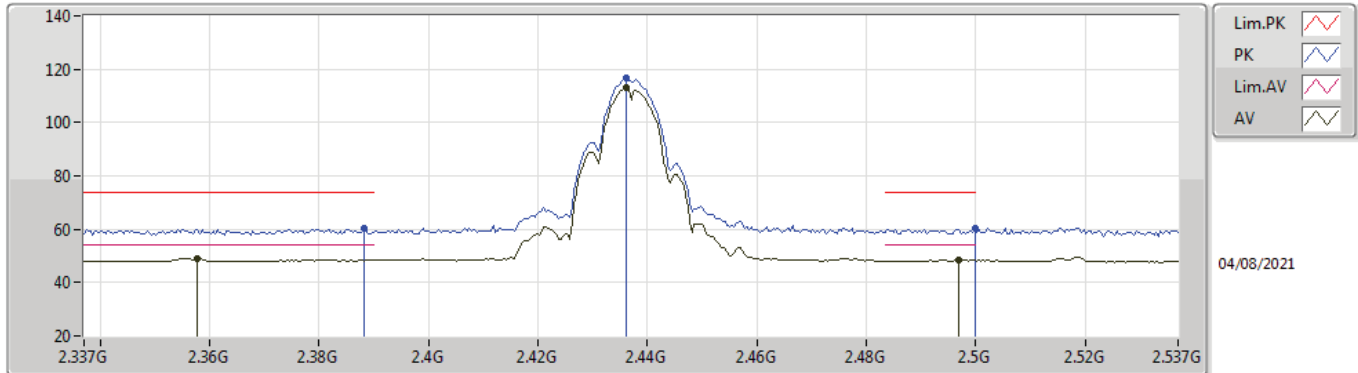


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.83404G	42.97	54.00	-11.03	5.82	3	Horizontal	240	2.65	-	37.15	31.17	8.93	34.28
AV	7.25222G	37.06	54.00	-16.94	12.29	3	Horizontal	359	1.50	-	24.77	36.30	10.56	34.57
PK	4.834G	48.73	74.00	-25.27	5.82	3	Horizontal	240	2.65	-	42.91	31.17	8.93	34.28
PK	7.25446G	51.11	74.00	-22.89	12.30	3	Horizontal	359	1.50	-	38.81	36.31	10.56	34.57



802.11b_Nss1,(1Mbps)_4TX

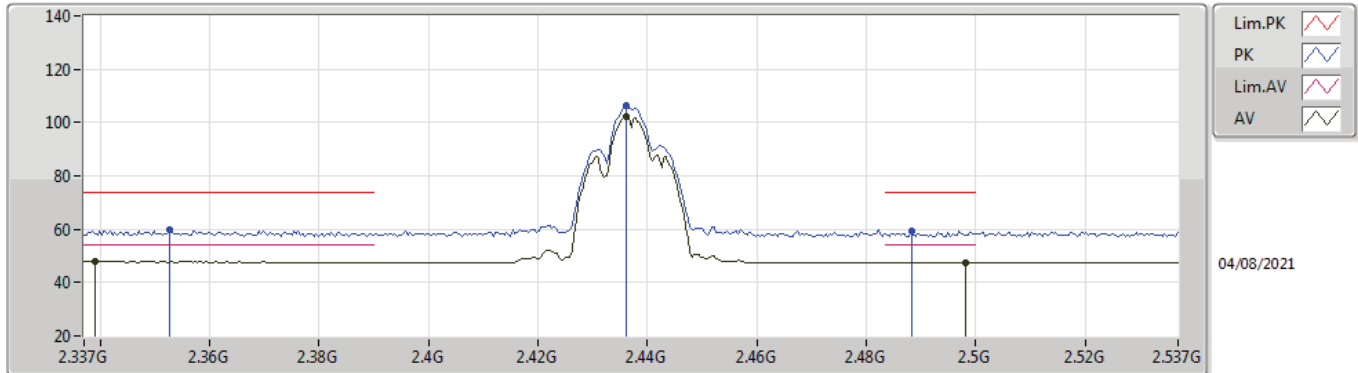
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3578G	49.07	54.00	-4.93	35.02	3	Vertical	225	1.16	-	14.05	27.78	7.24	-
AV	2.4362G	112.86	Inf	-Inf	34.77	3	Vertical	225	1.16	-	78.09	27.48	7.29	-
AV	2.497G	48.39	54.00	-5.61	34.74	3	Vertical	225	1.16	-	13.65	27.40	7.34	-
PK	2.3882G	60.26	74.00	-13.74	34.97	3	Vertical	225	1.16	-	25.29	27.72	7.25	-
PK	2.4362G	116.64	Inf	-Inf	34.77	3	Vertical	225	1.16	-	81.87	27.48	7.29	-
PK	2.4998G	60.44	74.00	-13.56	34.74	3	Vertical	225	1.16	-	25.70	27.40	7.34	-

802.11b_Nss1,(1Mbps)_4TX

2437MHz_TX

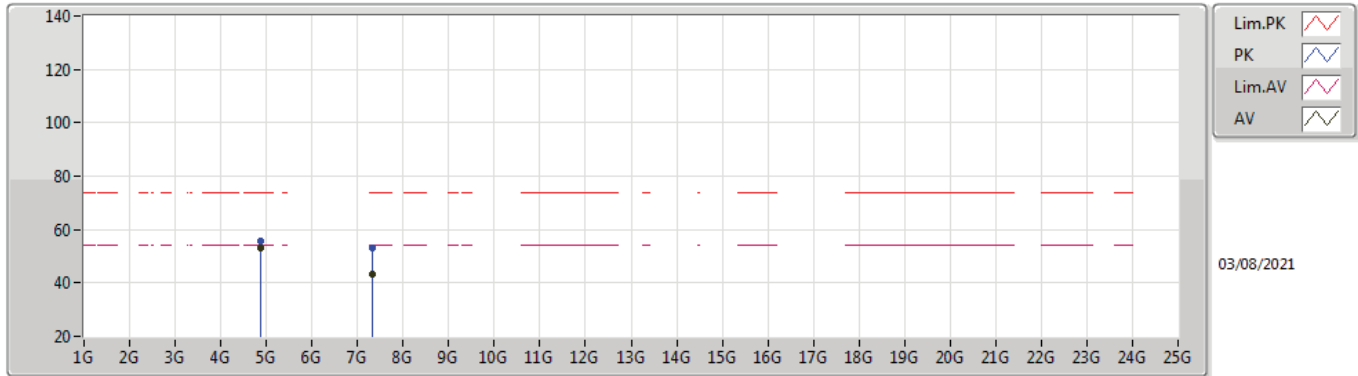


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.339G	47.83	54.00	-6.17	35.05	3	Horizontal	42	2.20	-	12.78	27.82	7.23	-
AV	2.4362G	102.45	Inf	-Inf	34.77	3	Horizontal	42	2.20	-	67.68	27.48	7.29	-
AV	2.4982G	47.58	54.00	-6.42	34.74	3	Horizontal	42	2.20	-	12.84	27.40	7.34	-
PK	2.3526G	59.58	74.00	-14.42	35.03	3	Horizontal	42	2.20	-	24.55	27.79	7.24	-
PK	2.4362G	106.14	Inf	-Inf	34.77	3	Horizontal	42	2.20	-	71.37	27.48	7.29	-
PK	2.4882G	59.35	74.00	-14.65	34.73	3	Horizontal	42	2.20	-	24.62	27.40	7.33	-



802.11b_Nss1,(1Mbps)_4TX

2437MHz_TX

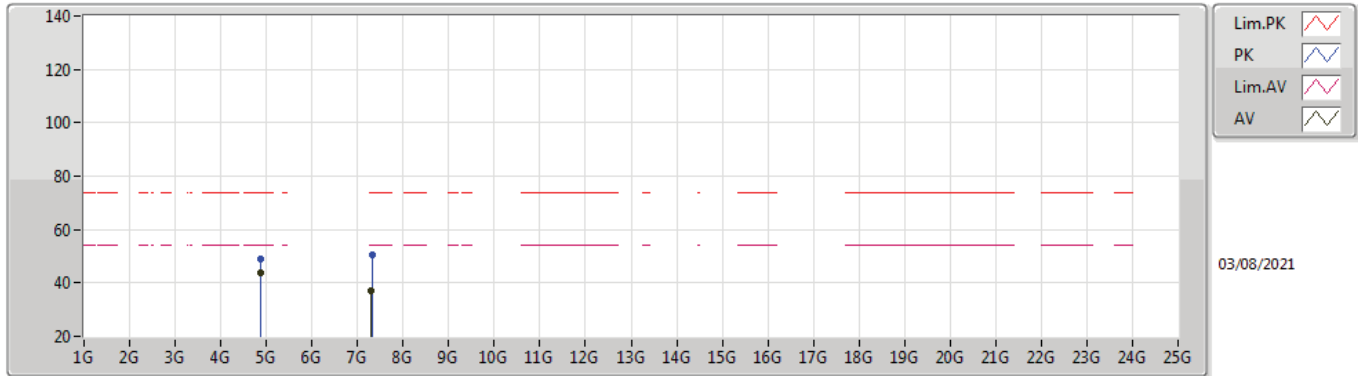


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.87402G	53.15	54.00	-0.85	5.90	3	Vertical	35	2.48	-	47.25	31.20	8.96	34.26
AV	7.31176G	43.36	54.00	-10.64	12.43	3	Vertical	138	2.95	-	30.93	36.38	10.62	34.57
PK	4.87396G	55.73	74.00	-18.27	5.90	3	Vertical	35	2.48	-	49.83	31.20	8.96	34.26
PK	7.31236G	53.25	74.00	-20.75	12.43	3	Vertical	138	2.95	-	40.82	36.38	10.62	34.57



802.11b_Nss1,(1Mbps)_4TX

2437MHz_TX

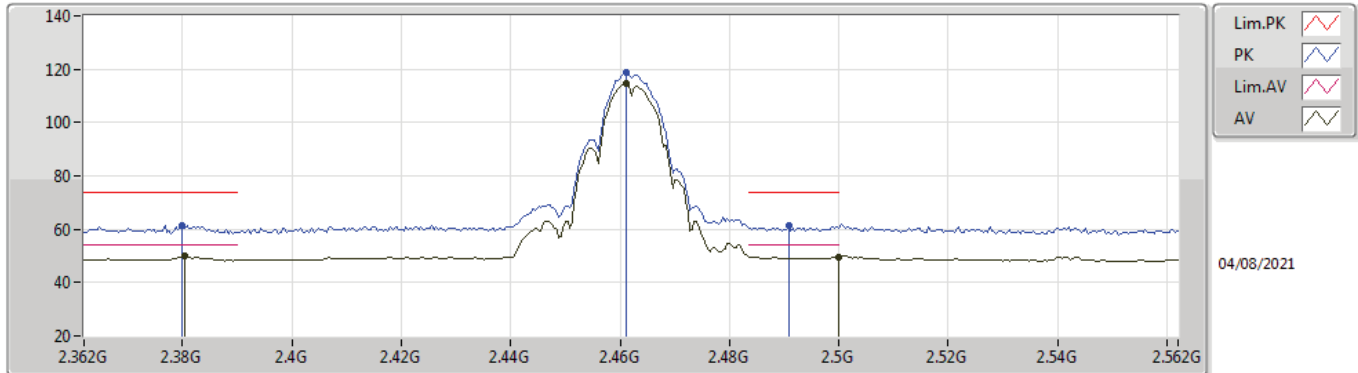


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.87402G	43.90	54.00	-10.10	5.90	3	Horizontal	252	1.11	-	38.00	31.20	8.96	34.26
AV	7.30612G	36.87	54.00	-17.13	12.44	3	Horizontal	102	1.00	-	24.43	36.39	10.62	34.57
PK	4.87386G	49.10	74.00	-24.90	5.90	3	Horizontal	252	1.11	-	43.20	31.20	8.96	34.26
PK	7.31082G	50.44	74.00	-23.56	12.43	3	Horizontal	102	1.00	-	38.01	36.38	10.62	34.57



802.11b_Nss1,(1Mbps)_4TX

2462MHz_TX

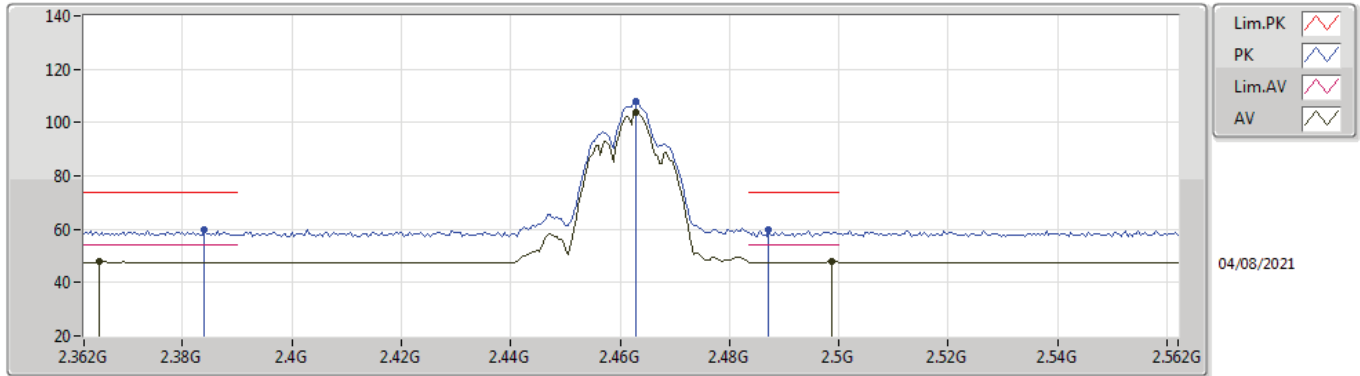


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3804G	50.17	54.00	-3.83	34.99	3	Vertical	224	2.17	-	15.18	27.74	7.25	-
AV	2.4612G	114.85	Inf	-Inf	34.71	3	Vertical	224	2.17	-	80.14	27.40	7.31	-
AV	2.5G	49.69	54.00	-4.31	34.74	3	Vertical	224	2.17	-	14.95	27.40	7.34	-
PK	2.38G	61.51	74.00	-12.49	34.99	3	Vertical	224	2.17	-	26.52	27.74	7.25	-
PK	2.4612G	118.65	Inf	-Inf	34.71	3	Vertical	224	2.17	-	83.94	27.40	7.31	-
PK	2.4908G	61.28	74.00	-12.72	34.73	3	Vertical	224	2.17	-	26.55	27.40	7.33	-



802.11b_Nss1,(1Mbps)_4TX

2462MHz_TX

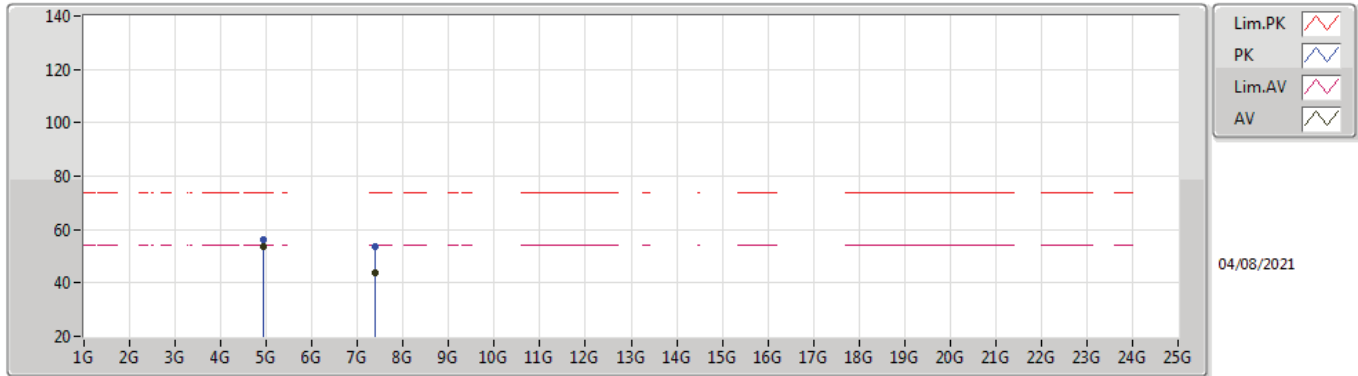


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3648G	47.74	54.00	-6.26	35.01	3	Horizontal	43	3.00	-	12.73	27.77	7.24	-
AV	2.4628G	103.82	Inf	-Inf	34.71	3	Horizontal	43	3.00	-	69.11	27.40	7.31	-
AV	2.4988G	47.95	54.00	-6.05	34.74	3	Horizontal	43	3.00	-	13.21	27.40	7.34	-
PK	2.384G	60.03	74.00	-13.97	34.98	3	Horizontal	43	3.00	-	25.05	27.73	7.25	-
PK	2.4628G	107.69	Inf	-Inf	34.71	3	Horizontal	43	3.00	-	72.98	27.40	7.31	-
PK	2.4872G	59.67	74.00	-14.33	34.73	3	Horizontal	43	3.00	-	24.94	27.40	7.33	-



802.11b_Nss1,(1Mbps)_4TX

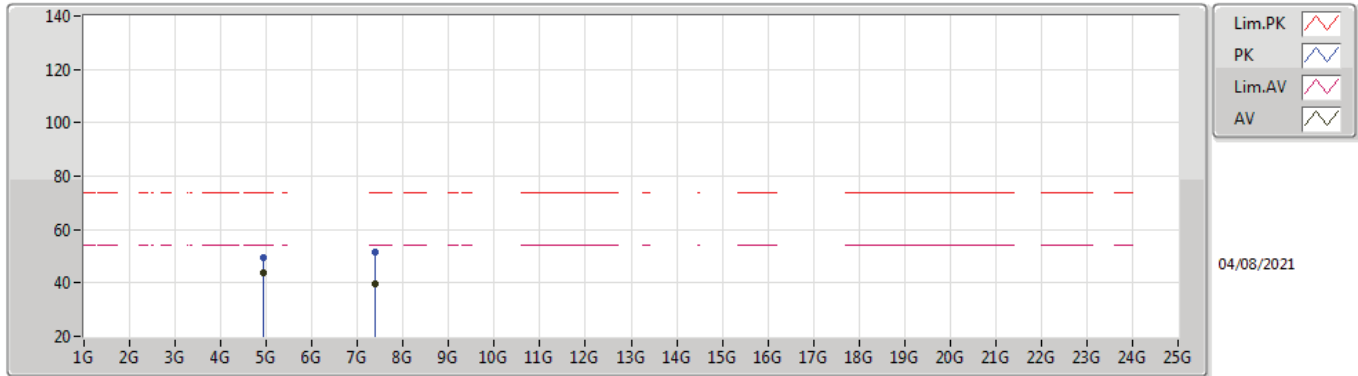
2462MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.924G	53.72	54.00	-0.28	6.04	3	Vertical	159	1.90	-	47.68	31.30	8.99	34.25
AV	7.38676G	43.80	54.00	-10.20	12.35	3	Vertical	193	2.82	-	31.45	36.23	10.70	34.58
PK	4.924G	56.34	74.00	-17.66	6.04	3	Vertical	159	1.90	-	50.30	31.30	8.99	34.25
PK	7.38504G	53.64	74.00	-20.36	12.35	3	Vertical	193	2.82	-	41.29	36.23	10.70	34.58

802.11b_Nss1,(1Mbps)_4TX

2462MHz_TX

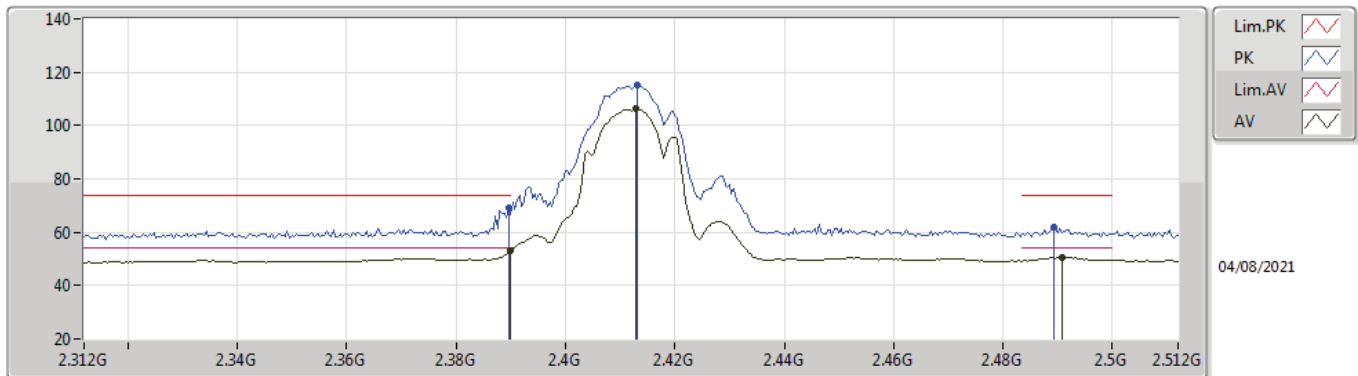


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.924G	43.63	54.00	-10.37	6.04	3	Horizontal	236	1.50	-	37.59	31.30	8.99	34.25
AV	7.3868G	39.65	54.00	-14.35	12.35	3	Horizontal	255	2.94	-	27.30	36.23	10.70	34.58
PK	4.92406G	49.54	74.00	-24.46	6.04	3	Horizontal	236	1.50	-	43.50	31.30	8.99	34.25
PK	7.38812G	51.73	74.00	-22.27	12.34	3	Horizontal	255	2.94	-	39.39	36.22	10.70	34.58



802.11g_Nss1,(6Mbps)_4TX

2412MHz_TX

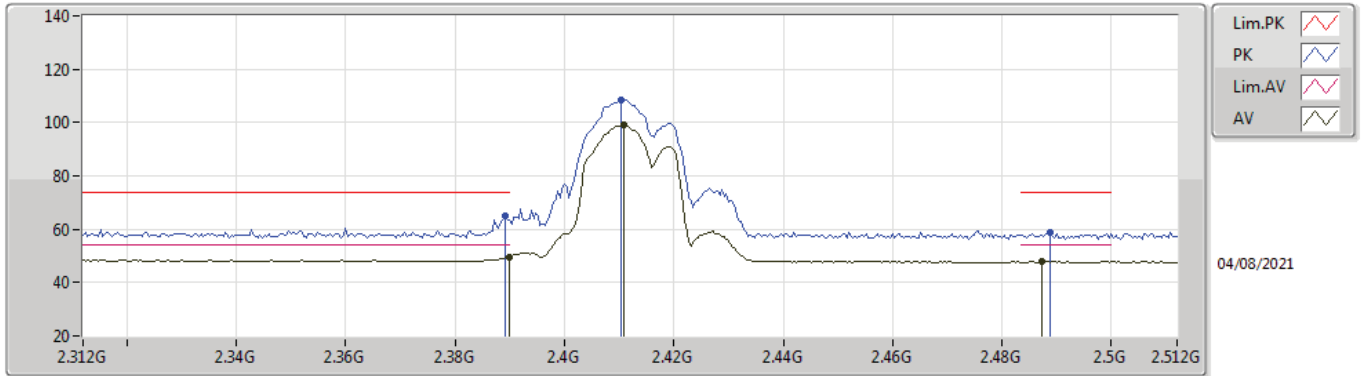


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	53.24	54.00	-0.76	34.98	3	Vertical	225	1.64	-	18.26	27.72	7.26	-
AV	2.4128G	106.33	Inf	-Inf	34.89	3	Vertical	225	1.64	-	71.44	27.62	7.27	-
AV	2.4908G	50.50	54.00	-3.50	34.73	3	Vertical	225	1.64	-	15.77	27.40	7.33	-
PK	2.3896G	68.94	74.00	-5.06	34.98	3	Vertical	225	1.64	-	33.96	27.72	7.26	-
PK	2.4132G	115.24	Inf	-Inf	34.89	3	Vertical	225	1.64	-	80.35	27.62	7.27	-
PK	2.4892G	62.05	74.00	-11.95	34.73	3	Vertical	225	1.64	-	27.32	27.40	7.33	-



802.11g_Nss1,(6Mbps)_4TX

2412MHz_TX



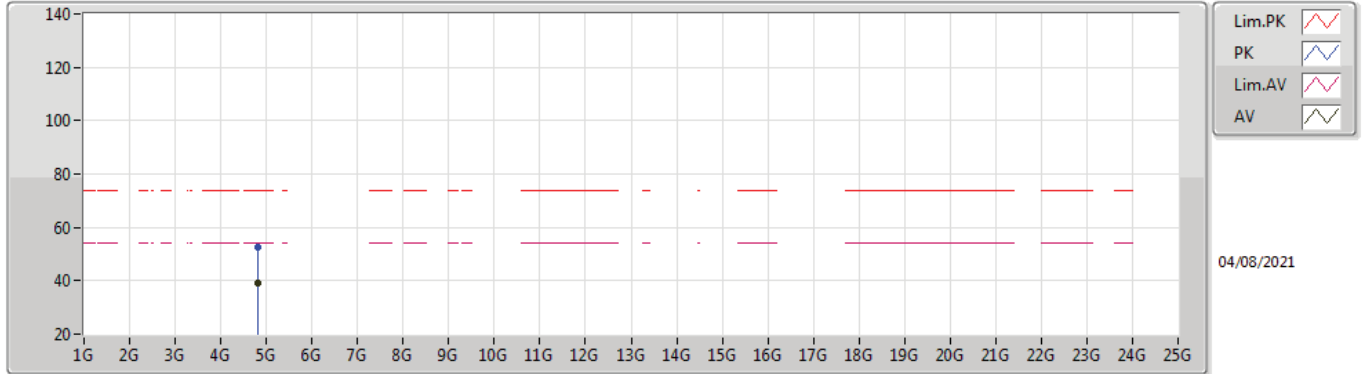
04/08/2021

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	49.72	54.00	-4.28	34.98	3	Horizontal	253	3.00	-	14.74	27.72	7.26	-
AV	2.4108G	99.12	Inf	-Inf	34.91	3	Horizontal	253	3.00	-	64.21	27.64	7.27	-
AV	2.4872G	47.90	54.00	-6.10	34.73	3	Horizontal	253	3.00	-	13.17	27.40	7.33	-
PK	2.3892G	65.22	74.00	-8.78	34.98	3	Horizontal	253	3.00	-	30.24	27.72	7.26	-
PK	2.4104G	108.35	Inf	-Inf	34.91	3	Horizontal	253	3.00	-	73.44	27.64	7.27	-
PK	2.4888G	58.77	74.00	-15.23	34.73	3	Horizontal	253	3.00	-	24.04	27.40	7.33	-



802.11g_Nss1,(6Mbps)_4TX

2412MHz_TX

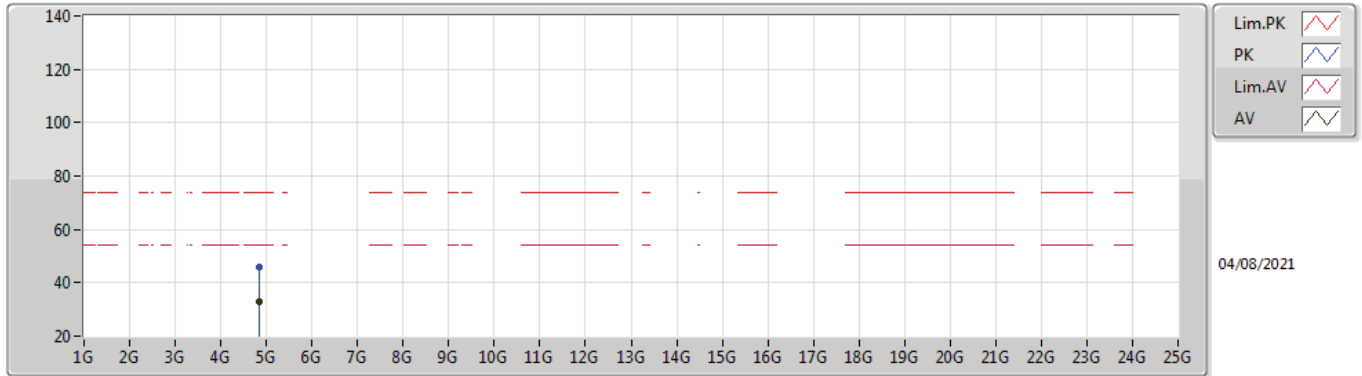


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.825G	39.31	54.00	-14.69	5.79	3	Vertical	38	1.94	-	33.52	31.15	8.92	34.28
PK	4.82568G	52.52	74.00	-21.48	5.79	3	Vertical	38	1.94	-	46.73	31.15	8.92	34.28



802.11g_Nss1,(6Mbps)_4TX

2412MHz_TX

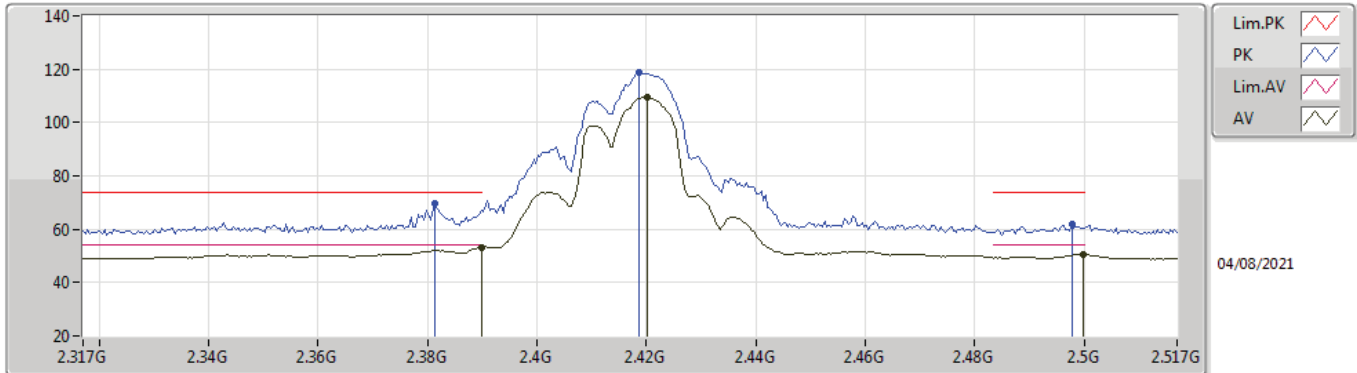


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.83052G	32.77	54.00	-21.23	5.80	3	Horizontal	53	1.00	-	26.97	31.16	8.92	34.28
PK	4.83084G	46.09	74.00	-27.91	5.80	3	Horizontal	53	1.00	-	40.29	31.16	8.92	34.28



802.11g_Nss1,(6Mbps)_4TX

2417MHz_TX

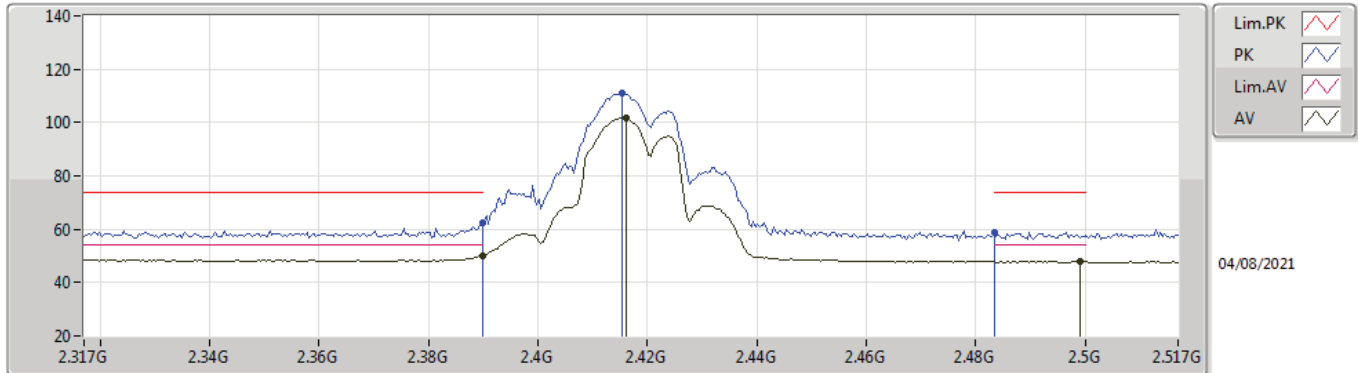


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	53.09	54.00	-0.91	34.98	3	Vertical	200	1.64	-	18.11	27.72	7.26	-
AV	2.4202G	109.38	Inf	-Inf	34.86	3	Vertical	200	1.64	-	74.52	27.58	7.28	-
AV	2.4998G	50.57	54.00	-3.43	34.74	3	Vertical	200	1.64	-	15.83	27.40	7.34	-
PK	2.3814G	69.52	74.00	-4.48	34.99	3	Vertical	200	1.64	-	34.53	27.74	7.25	-
PK	2.4186G	118.75	Inf	-Inf	34.86	3	Vertical	200	1.64	-	83.89	27.59	7.27	-
PK	2.4978G	62.01	74.00	-11.99	34.74	3	Vertical	200	1.64	-	27.27	27.40	7.34	-



802.11g_Nss1,(6Mbps)_4TX

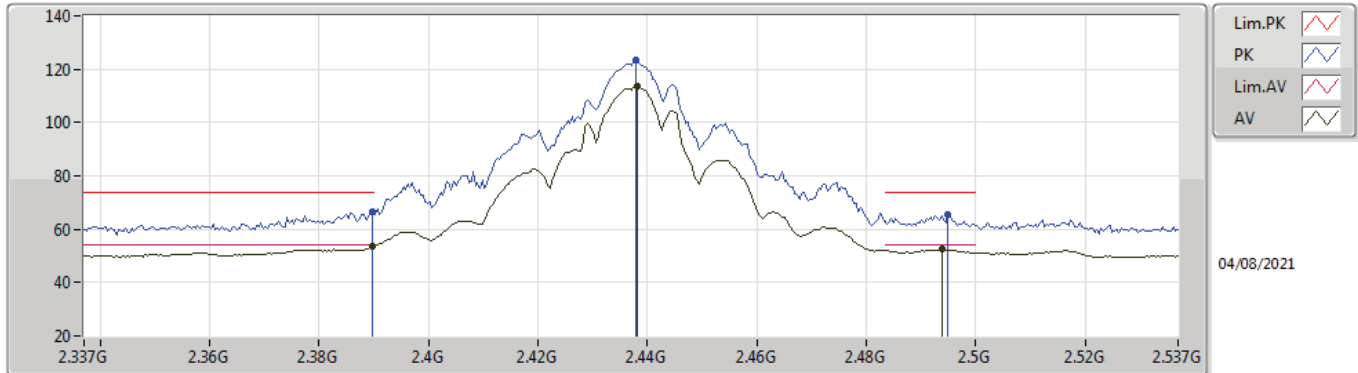
2417MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	49.90	54.00	-4.10	34.98	3	Horizontal	255	3.00	-	14.92	27.72	7.26	-
AV	2.4162G	101.93	Inf	-Inf	34.87	3	Horizontal	255	3.00	-	67.06	27.60	7.27	-
AV	2.499G	47.96	54.00	-6.04	34.74	3	Horizontal	255	3.00	-	13.22	27.40	7.34	-
PK	2.3898G	62.23	74.00	-11.77	34.98	3	Horizontal	255	3.00	-	27.25	27.72	7.26	-
PK	2.4154G	111.09	Inf	-Inf	34.88	3	Horizontal	255	3.00	-	76.21	27.61	7.27	-
PK	2.4835G	58.70	74.00	-15.30	34.73	3	Horizontal	255	3.00	-	23.97	27.40	7.33	-

802.11g_Nss1,(6Mbps)_4TX

2437MHz_TX

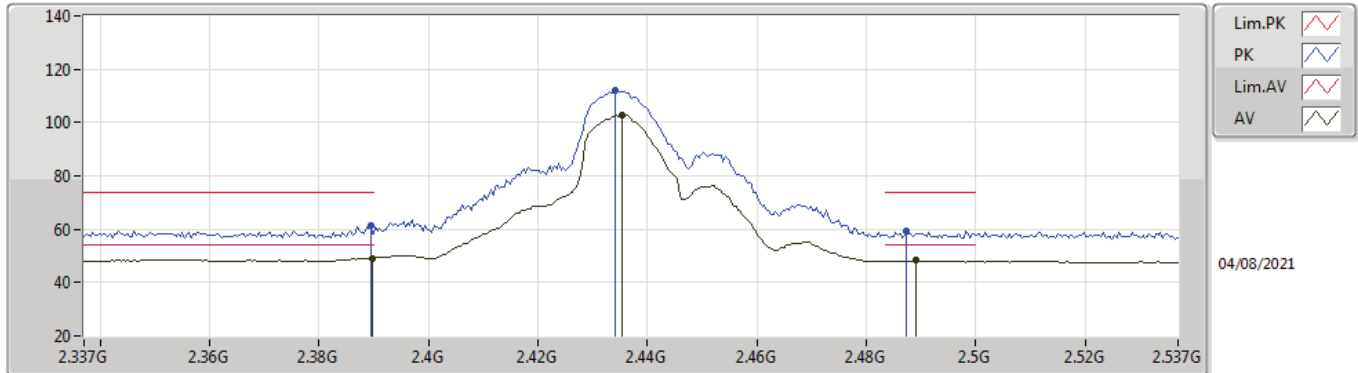


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	53.46	54.00	-0.54	34.98	3	Vertical	225	1.16	-	18.48	27.72	7.26	-
AV	2.4382G	113.61	Inf	-Inf	34.76	3	Vertical	225	1.16	-	78.85	27.47	7.29	-
AV	2.4938G	52.56	54.00	-1.44	34.74	3	Vertical	225	1.16	-	17.82	27.40	7.34	-
PK	2.3898G	66.46	74.00	-7.54	34.98	3	Vertical	225	1.16	-	31.48	27.72	7.26	-
PK	2.4378G	123.25	Inf	-Inf	34.76	3	Vertical	225	1.16	-	88.49	27.47	7.29	-
PK	2.495G	65.55	74.00	-8.45	34.74	3	Vertical	225	1.16	-	30.81	27.40	7.34	-



802.11g_Nss1,(6Mbps)_4TX

2437MHz_TX

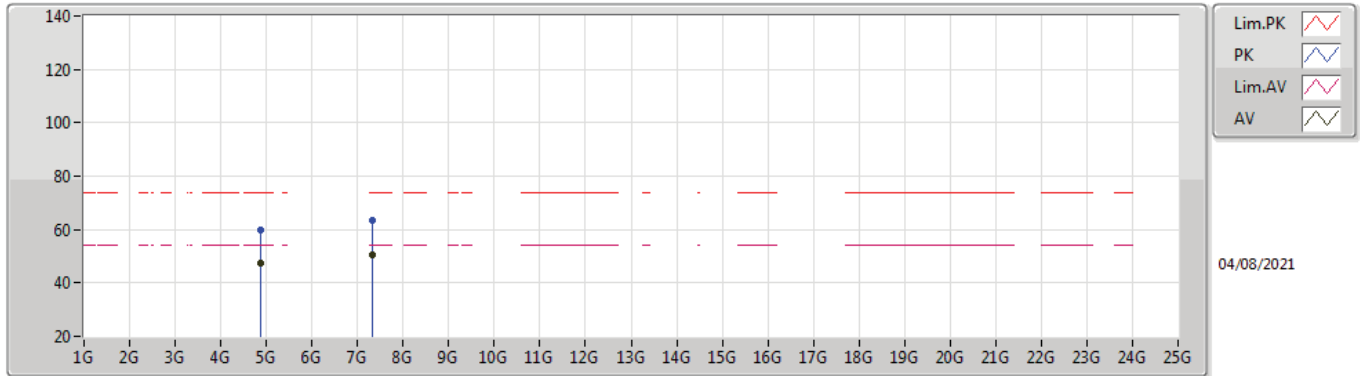


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	49.12	54.00	-4.88	34.98	3	Horizontal	320	1.09	-	14.14	27.72	7.26	-
AV	2.4354G	102.73	Inf	-Inf	34.78	3	Horizontal	320	1.09	-	67.95	27.49	7.29	-
AV	2.489G	48.29	54.00	-5.71	34.73	3	Horizontal	320	1.09	-	13.56	27.40	7.33	-
PK	2.3894G	61.20	74.00	-12.80	34.98	3	Horizontal	320	1.09	-	26.22	27.72	7.26	-
PK	2.4342G	112.14	Inf	-Inf	34.78	3	Horizontal	320	1.09	-	77.36	27.49	7.29	-
PK	2.4874G	59.40	74.00	-14.60	34.73	3	Horizontal	320	1.09	-	24.67	27.40	7.33	-



802.11g_Nss1,(6Mbps)_4TX

2437MHz_TX

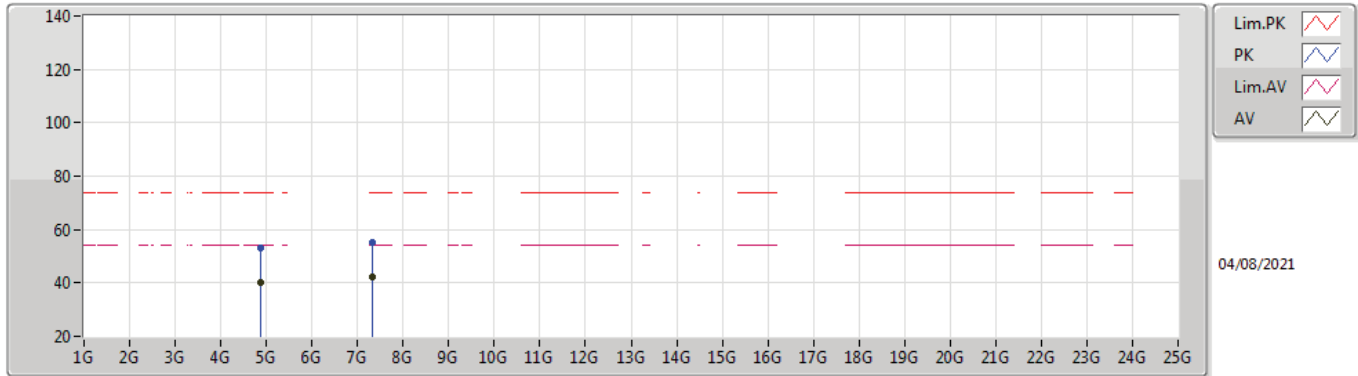


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.87688G	47.16	54.00	-6.84	5.90	3	Vertical	87	2.12	-	41.26	31.20	8.96	34.26
AV	7.31696G	50.44	54.00	-3.56	12.43	3	Vertical	137	2.94	-	38.01	36.37	10.63	34.57
PK	4.87728G	59.97	74.00	-14.03	5.90	3	Vertical	87	2.12	-	54.07	31.20	8.96	34.26
PK	7.31712G	63.41	74.00	-10.59	12.43	3	Vertical	137	2.94	-	50.98	36.37	10.63	34.57



802.11g_Nss1,(6Mbps)_4TX

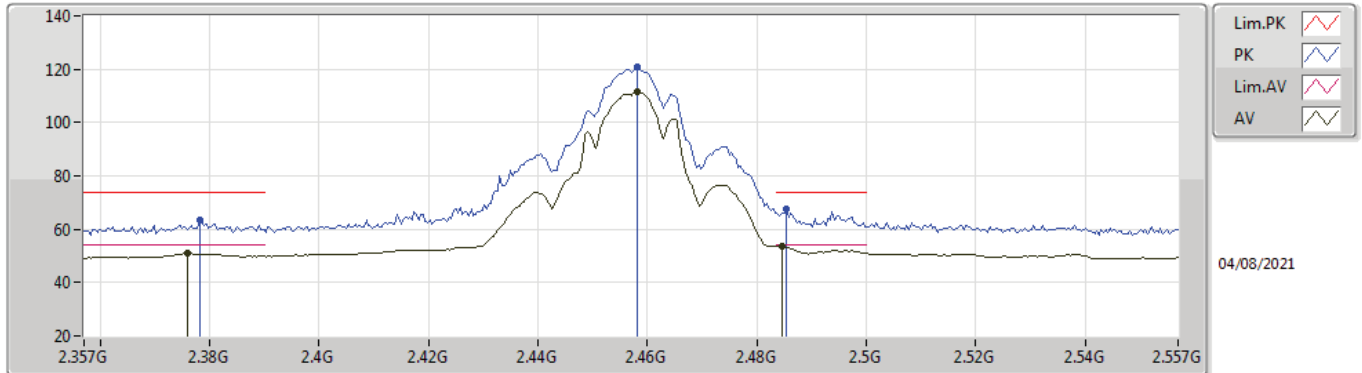
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.87656G	40.00	54.00	-14.00	5.90	3	Horizontal	318	2.50	-	34.10	31.20	8.96	34.26
AV	7.31064G	42.23	54.00	-11.77	12.43	3	Horizontal	50	3.00	-	29.80	36.38	10.62	34.57
PK	4.87728G	53.08	74.00	-20.92	5.90	3	Horizontal	318	2.50	-	47.18	31.20	8.96	34.26
PK	7.31108G	55.02	74.00	-18.98	12.43	3	Horizontal	50	3.00	-	42.59	36.38	10.62	34.57

802.11g_Nss1,(6Mbps)_4TX

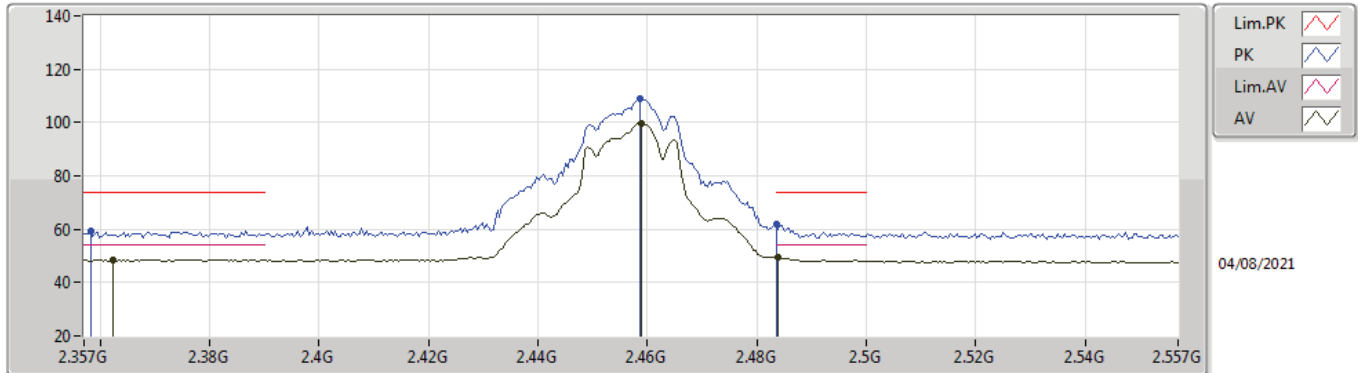
2457MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3758G	50.90	54.00	-3.10	35.00	3	Vertical	224	2.18	-	15.90	27.75	7.25	-
AV	2.4582G	111.54	Inf	-Inf	34.71	3	Vertical	224	2.18	-	76.83	27.40	7.31	-
AV	2.4846G	53.77	54.00	-0.23	34.73	3	Vertical	224	2.18	-	19.04	27.40	7.33	-
PK	2.3782G	63.49	74.00	-10.51	34.99	3	Vertical	224	2.18	-	28.50	27.74	7.25	-
PK	2.4582G	120.67	Inf	-Inf	34.71	3	Vertical	224	2.18	-	85.96	27.40	7.31	-
PK	2.4854G	67.82	74.00	-6.18	34.73	3	Vertical	224	2.18	-	33.09	27.40	7.33	-

802.11g_Nss1,(6Mbps)_4TX

2457MHz_TX

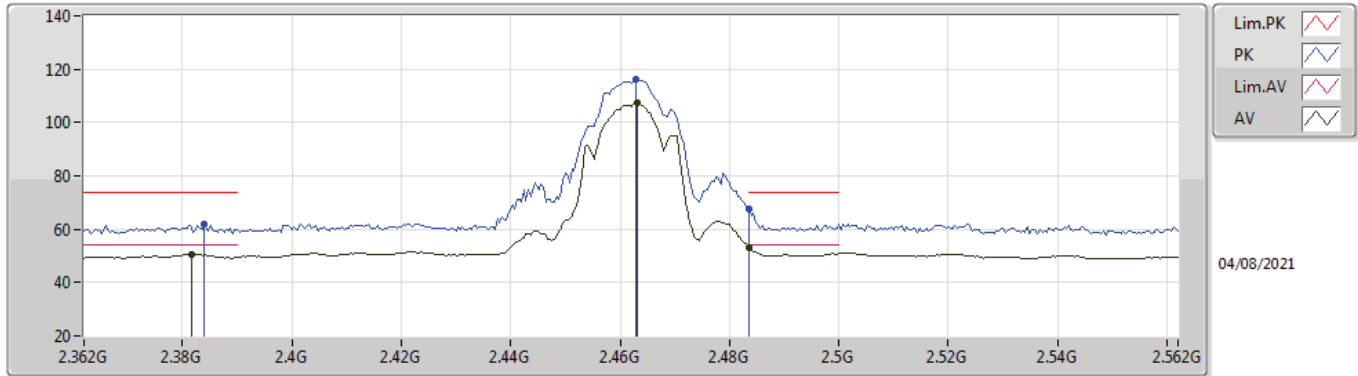


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3622G	48.45	54.00	-5.55	35.02	3	Horizontal	71	1.00	-	13.43	27.78	7.24	-
AV	2.459G	99.80	Inf	-Inf	34.71	3	Horizontal	71	1.00	-	65.09	27.40	7.31	-
AV	2.4838G	49.59	54.00	-4.41	34.73	3	Horizontal	71	1.00	-	14.86	27.40	7.33	-
PK	2.3582G	59.39	74.00	-14.61	35.02	3	Horizontal	71	1.00	-	24.37	27.78	7.24	-
PK	2.4586G	108.97	Inf	-Inf	34.71	3	Horizontal	71	1.00	-	74.26	27.40	7.31	-
PK	2.4835G	61.78	74.00	-12.22	34.73	3	Horizontal	71	1.00	-	27.05	27.40	7.33	-



802.11g_Nss1,(6Mbps)_4TX

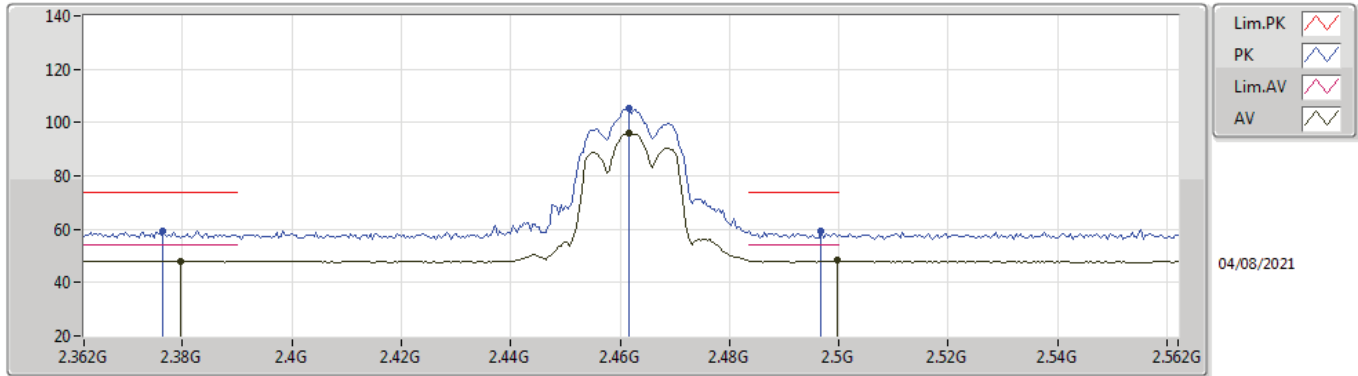
2462MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3816G	50.55	54.00	-3.45	34.99	3	Vertical	224	2.16	-	15.56	27.74	7.25	-
AV	2.4632G	107.23	Inf	-Inf	34.71	3	Vertical	224	2.16	-	72.52	27.40	7.31	-
AV	2.4835G	53.12	54.00	-0.88	34.73	3	Vertical	224	2.16	-	18.39	27.40	7.33	-
PK	2.384G	61.68	74.00	-12.32	34.98	3	Vertical	224	2.16	-	26.70	27.73	7.25	-
PK	2.4628G	116.43	Inf	-Inf	34.71	3	Vertical	224	2.16	-	81.72	27.40	7.31	-
PK	2.4835G	67.65	74.00	-6.35	34.73	3	Vertical	224	2.16	-	32.92	27.40	7.33	-

802.11g_Nss1,(6Mbps)_4TX

2462MHz_TX

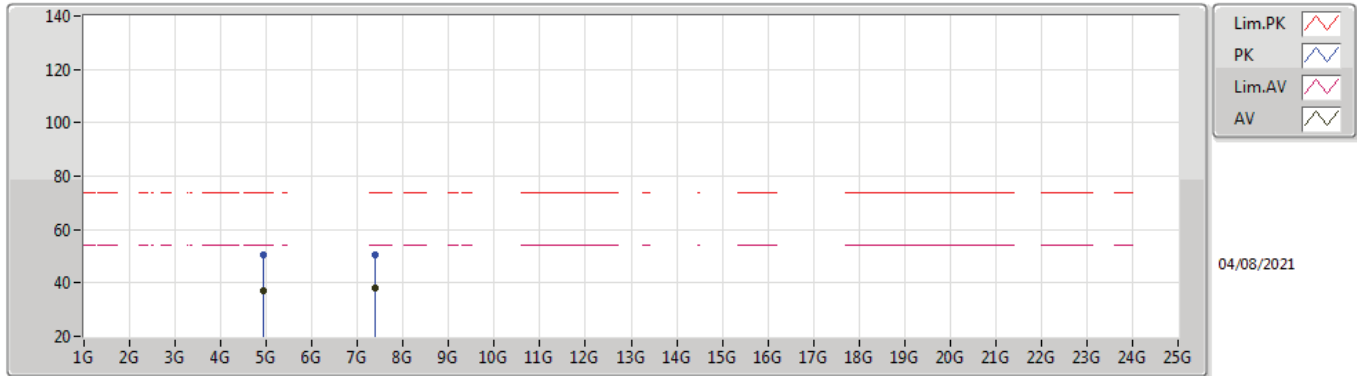


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3796G	48.11	54.00	-5.89	34.99	3	Horizontal	43	2.52	-	13.12	27.74	7.25	-
AV	2.4616G	96.04	Inf	-Inf	34.71	3	Horizontal	43	2.52	-	61.33	27.40	7.31	-
AV	2.4996G	48.27	54.00	-5.73	34.74	3	Horizontal	43	2.52	-	13.53	27.40	7.34	-
PK	2.3764G	59.50	74.00	-14.50	35.00	3	Horizontal	43	2.52	-	24.50	27.75	7.25	-
PK	2.4616G	105.41	Inf	-Inf	34.71	3	Horizontal	43	2.52	-	70.70	27.40	7.31	-
PK	2.4968G	59.31	74.00	-14.69	34.74	3	Horizontal	43	2.52	-	24.57	27.40	7.34	-



802.11g_Nss1,(6Mbps)_4TX

2462MHz_TX

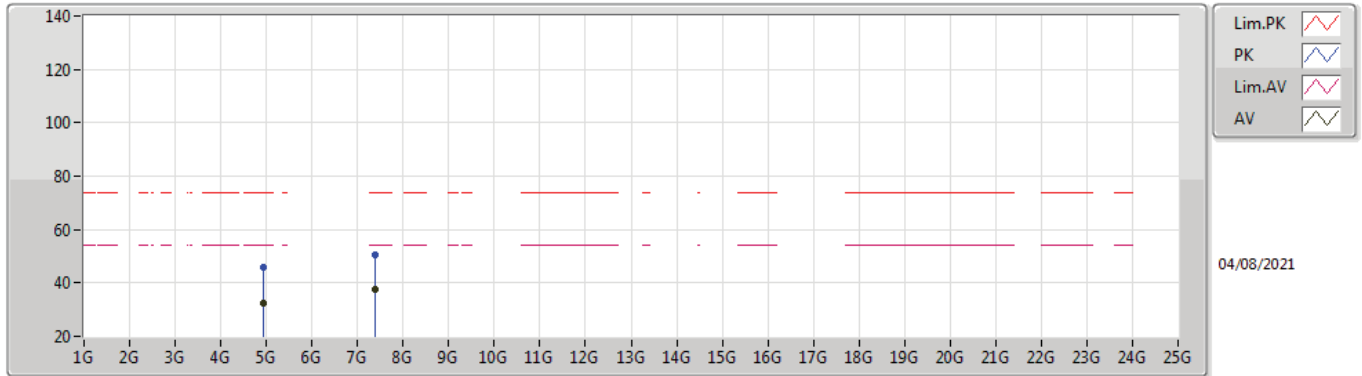


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.92612G	36.84	54.00	-17.16	6.04	3	Vertical	41	2.23	-	30.80	31.30	8.99	34.25
AV	7.39276G	38.09	54.00	-15.91	12.33	3	Vertical	175	2.87	-	25.76	36.21	10.70	34.58
PK	4.92576G	50.46	74.00	-23.54	6.04	3	Vertical	41	2.23	-	44.42	31.30	8.99	34.25
PK	7.38604G	50.66	74.00	-23.34	12.35	3	Vertical	175	2.87	-	38.31	36.23	10.70	34.58



802.11g_Nss1,(6Mbps)_4TX

2462MHz_TX

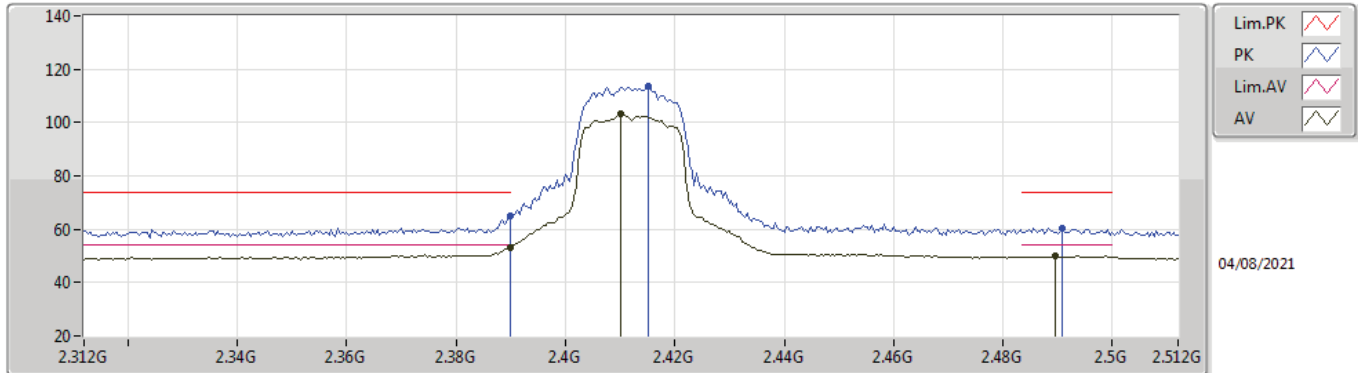


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.92704G	32.38	54.00	-21.62	6.07	3	Horizontal	322	1.50	-	26.31	31.31	9.00	34.24
AV	7.38004G	37.38	54.00	-16.62	12.35	3	Horizontal	202	1.50	-	25.03	36.24	10.69	34.58
PK	4.93032G	46.04	74.00	-27.96	6.08	3	Horizontal	322	1.50	-	39.96	31.32	9.00	34.24
PK	7.39268G	50.53	74.00	-23.47	12.33	3	Horizontal	202	1.50	-	38.20	36.21	10.70	34.58



VHT20_Nss1,(MCS0)_4TX

2412MHz_TX



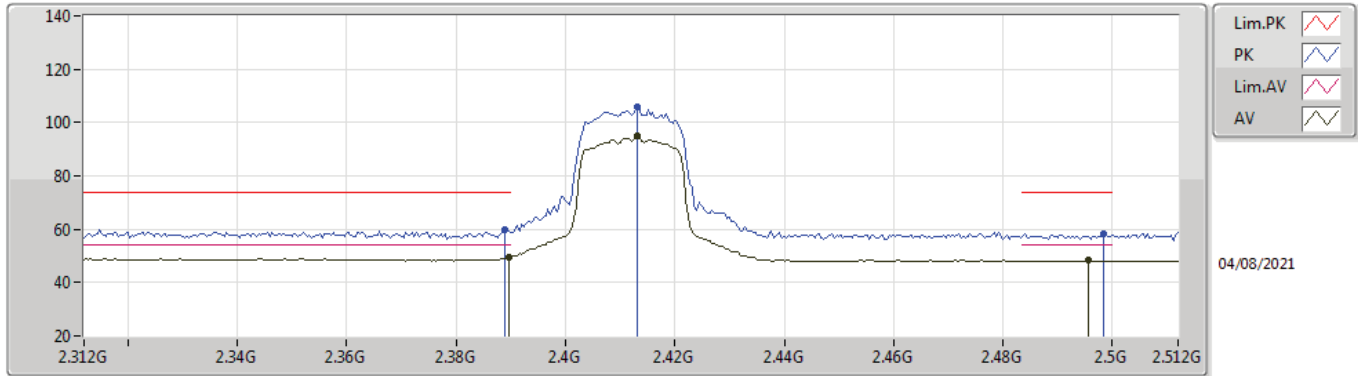
04/08/2021

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	53.25	54.00	-0.75	34.98	3	Vertical	56	2.44	-	18.27	27.72	7.26	-
AV	2.41G	103.47	Inf	-Inf	34.91	3	Vertical	56	2.44	-	68.56	27.64	7.27	-
AV	2.4896G	50.15	54.00	-3.85	34.73	3	Vertical	56	2.44	-	15.42	27.40	7.33	-
PK	2.39G	65.03	74.00	-8.97	34.98	3	Vertical	56	2.44	-	30.05	27.72	7.26	-
PK	2.4152G	113.48	Inf	-Inf	34.88	3	Vertical	56	2.44	-	78.60	27.61	7.27	-
PK	2.4908G	60.52	74.00	-13.48	34.73	3	Vertical	56	2.44	-	25.79	27.40	7.33	-



VHT20_Nss1,(MCS0)_4TX

2412MHz_TX

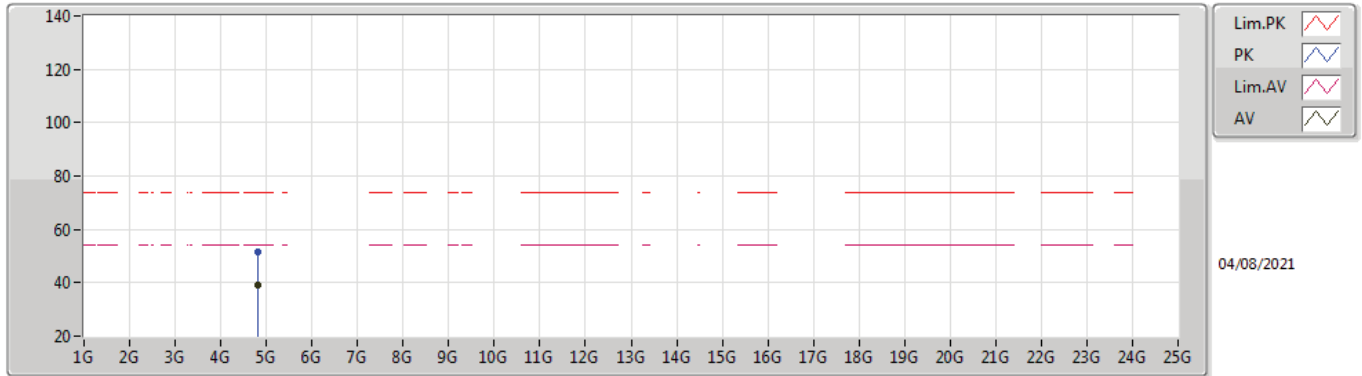


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3896G	49.33	54.00	-4.67	34.98	3	Horizontal	76	1.04	-	14.35	27.72	7.26	-
AV	2.4132G	94.82	Inf	-Inf	34.89	3	Horizontal	76	1.04	-	59.93	27.62	7.27	-
AV	2.4956G	48.33	54.00	-5.67	34.74	3	Horizontal	76	1.04	-	13.59	27.40	7.34	-
PK	2.3888G	59.94	74.00	-14.06	34.97	3	Horizontal	76	1.04	-	24.97	27.72	7.25	-
PK	2.4132G	105.99	Inf	-Inf	34.89	3	Horizontal	76	1.04	-	71.10	27.62	7.27	-
PK	2.4984G	58.42	74.00	-15.58	34.74	3	Horizontal	76	1.04	-	23.68	27.40	7.34	-



VHT20_Nss1,(MCS0)_4TX

2412MHz_TX

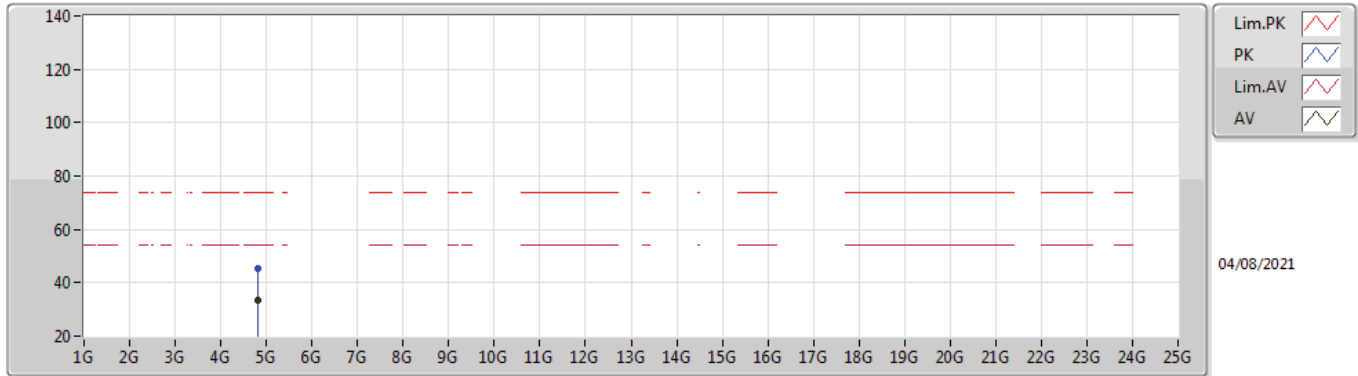


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.82524G	38.91	54.00	-15.09	5.79	3	Vertical	33	1.17	-	33.12	31.15	8.92	34.28
PK	4.8234G	51.48	74.00	-22.52	5.79	3	Vertical	33	1.17	-	45.69	31.15	8.92	34.28



VHT20_Nss1,(MCS0)_4TX

2412MHz_TX

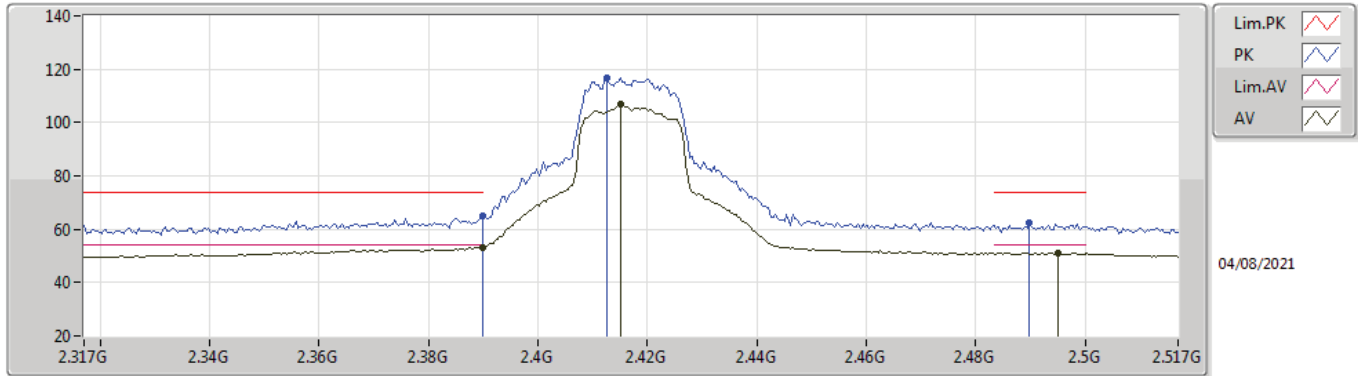


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.82192G	33.24	54.00	-20.76	5.78	3	Horizontal	240	1.16	-	27.46	31.14	8.92	34.28
PK	4.81496G	45.13	74.00	-28.87	5.76	3	Horizontal	240	1.16	-	39.37	31.13	8.91	34.28



VHT20_Nss1,(MCS0)_4TX

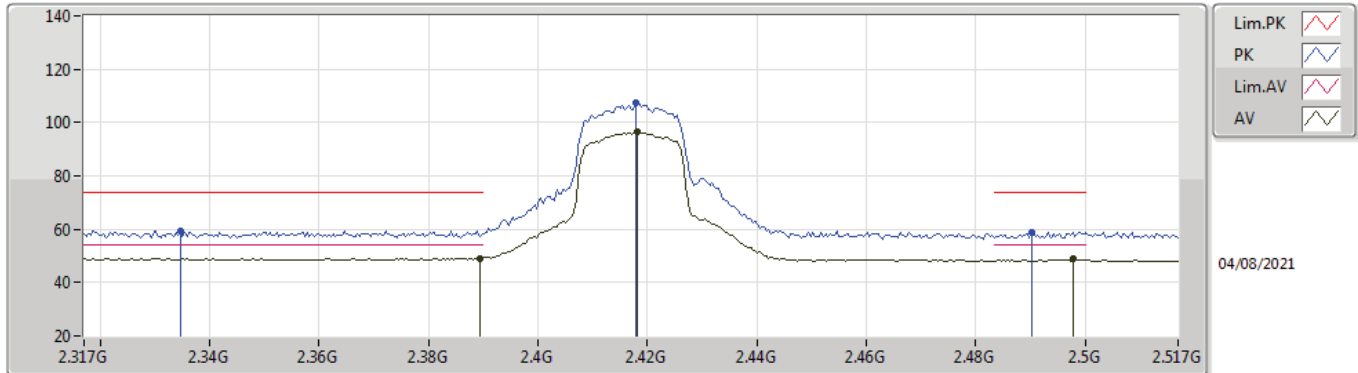
2417MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	53.17	54.00	-0.83	34.98	3	Vertical	53	2.49	-	18.19	27.72	7.26	-
AV	2.415G	107.11	Inf	-Inf	34.88	3	Vertical	53	2.49	-	72.23	27.61	7.27	-
AV	2.495G	51.15	54.00	-2.85	34.74	3	Vertical	53	2.49	-	16.41	27.40	7.34	-
PK	2.3898G	64.87	74.00	-9.13	34.98	3	Vertical	53	2.49	-	29.89	27.72	7.26	-
PK	2.4126G	116.60	Inf	-Inf	34.89	3	Vertical	53	2.49	-	81.71	27.62	7.27	-
PK	2.4898G	62.45	74.00	-11.55	34.73	3	Vertical	53	2.49	-	27.72	27.40	7.33	-

VHT20_Nss1,(MCS0)_4TX

2417MHz_TX

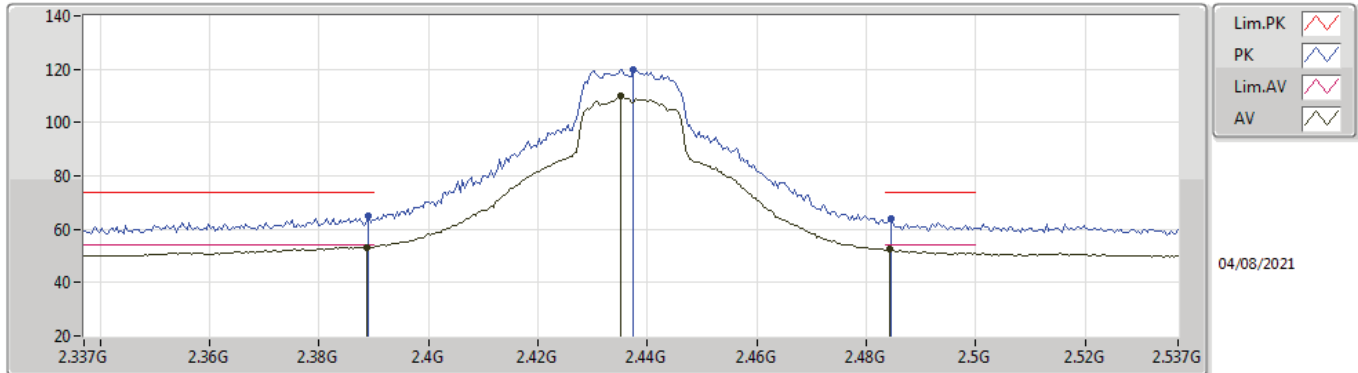


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3894G	49.13	54.00	-4.87	34.98	3	Horizontal	267	1.50	-	14.15	27.72	7.26	-
AV	2.4182G	96.35	Inf	-Inf	34.86	3	Horizontal	267	1.50	-	61.49	27.59	7.27	-
AV	2.4978G	48.75	54.00	-5.25	34.74	3	Horizontal	267	1.50	-	14.01	27.40	7.34	-
PK	2.3346G	59.50	74.00	-14.50	35.06	3	Horizontal	267	1.50	-	24.44	27.83	7.23	-
PK	2.4178G	107.24	Inf	-Inf	34.86	3	Horizontal	267	1.50	-	72.38	27.59	7.27	-
PK	2.4902G	59.02	74.00	-14.98	34.73	3	Horizontal	267	1.50	-	24.29	27.40	7.33	-



VHT20_Nss1,(MCS0)_4TX

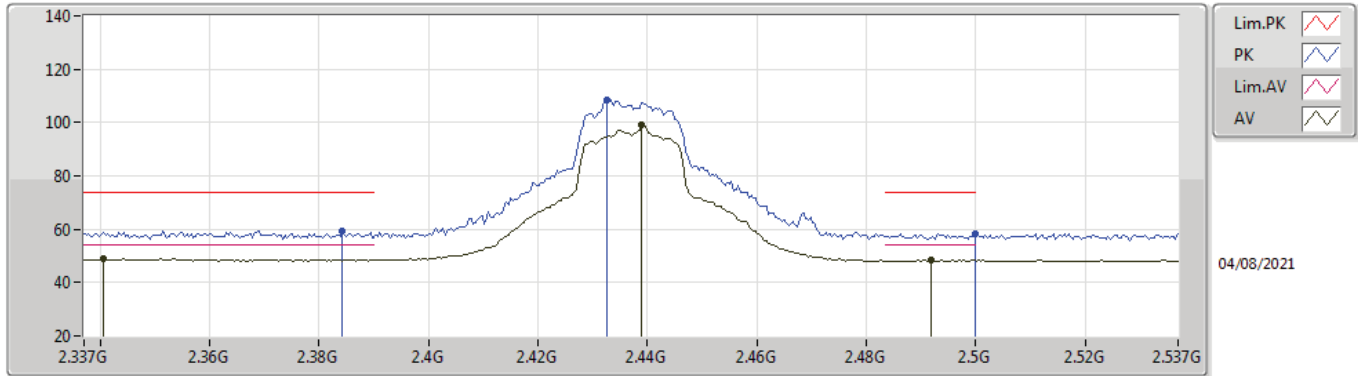
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3886G	53.27	54.00	-0.73	34.97	3	Vertical	59	2.73	-	18.30	27.72	7.25	-
AV	2.435G	109.79	Inf	-Inf	34.78	3	Vertical	59	2.73	-	75.01	27.49	7.29	-
AV	2.4842G	52.41	54.00	-1.59	34.73	3	Vertical	59	2.73	-	17.68	27.40	7.33	-
PK	2.389G	65.06	74.00	-8.94	34.98	3	Vertical	59	2.73	-	30.08	27.72	7.26	-
PK	2.4374G	119.89	Inf	-Inf	34.77	3	Vertical	59	2.73	-	85.12	27.48	7.29	-
PK	2.4846G	63.87	74.00	-10.13	34.73	3	Vertical	59	2.73	-	29.14	27.40	7.33	-

VHT20_Nss1,(MCS0)_4TX

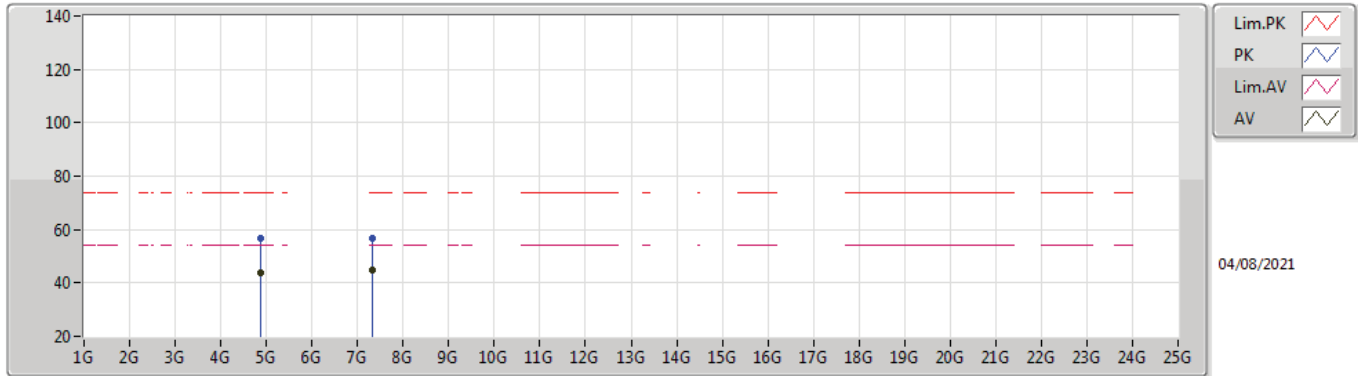
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3406G	48.85	54.00	-5.15	35.05	3	Horizontal	136	1.54	-	13.80	27.82	7.23	-
AV	2.439G	99.35	Inf	-Inf	34.76	3	Horizontal	136	1.54	-	64.59	27.47	7.29	-
AV	2.4918G	48.34	54.00	-5.66	34.73	3	Horizontal	136	1.54	-	13.61	27.40	7.33	-
PK	2.3842G	59.42	74.00	-14.58	34.98	3	Horizontal	136	1.54	-	24.44	27.73	7.25	-
PK	2.4326G	108.43	Inf	-Inf	34.79	3	Horizontal	136	1.54	-	73.64	27.50	7.29	-
PK	2.4998G	58.08	74.00	-15.92	34.74	3	Horizontal	136	1.54	-	23.34	27.40	7.34	-

VHT20_Nss1,(MCS0)_4TX

2437MHz_TX

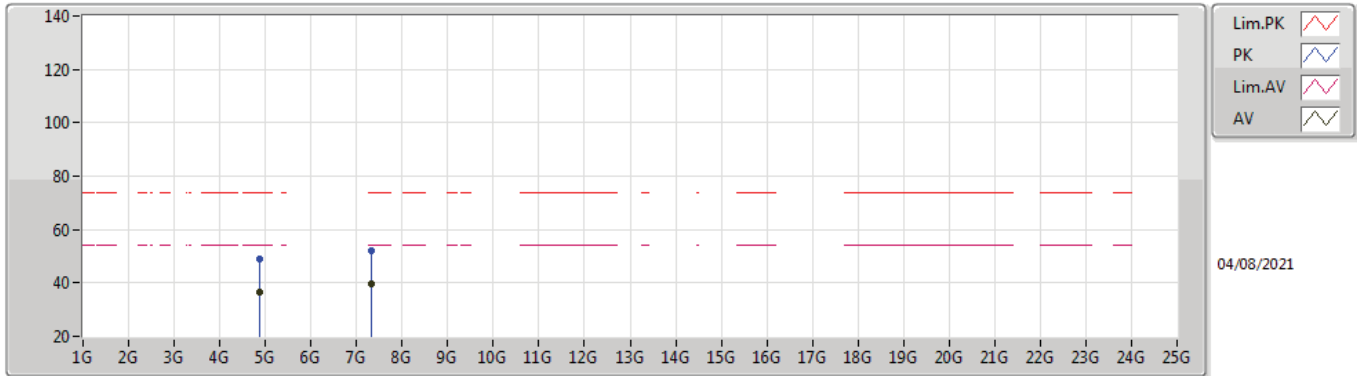


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.8754G	43.61	54.00	-10.39	5.90	3	Vertical	36	2.40	-	37.71	31.20	8.96	34.26
AV	7.3116G	44.74	54.00	-9.26	12.43	3	Vertical	207	2.59	-	32.31	36.38	10.62	34.57
PK	4.87608G	56.49	74.00	-17.51	5.90	3	Vertical	36	2.40	-	50.59	31.20	8.96	34.26
PK	7.31216G	56.83	74.00	-17.17	12.43	3	Vertical	207	2.59	-	44.40	36.38	10.62	34.57



VHT20_Nss1,(MCS0)_4TX

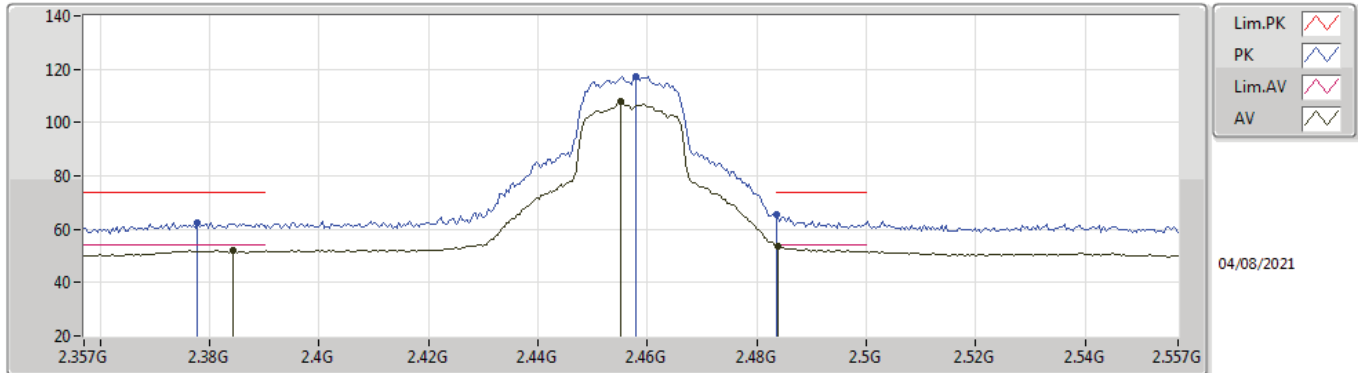
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.87604G	36.68	54.00	-17.32	5.90	3	Horizontal	244	1.31	-	30.78	31.20	8.96	34.26
AV	7.31256G	39.70	54.00	-14.30	12.42	3	Horizontal	50	2.87	-	27.28	36.37	10.62	34.57
PK	4.87512G	48.87	74.00	-25.13	5.90	3	Horizontal	244	1.31	-	42.97	31.20	8.96	34.26
PK	7.31092G	52.17	74.00	-21.83	12.43	3	Horizontal	50	2.87	-	39.74	36.38	10.62	34.57

VHT20_Nss1,(MCS0)_4TX

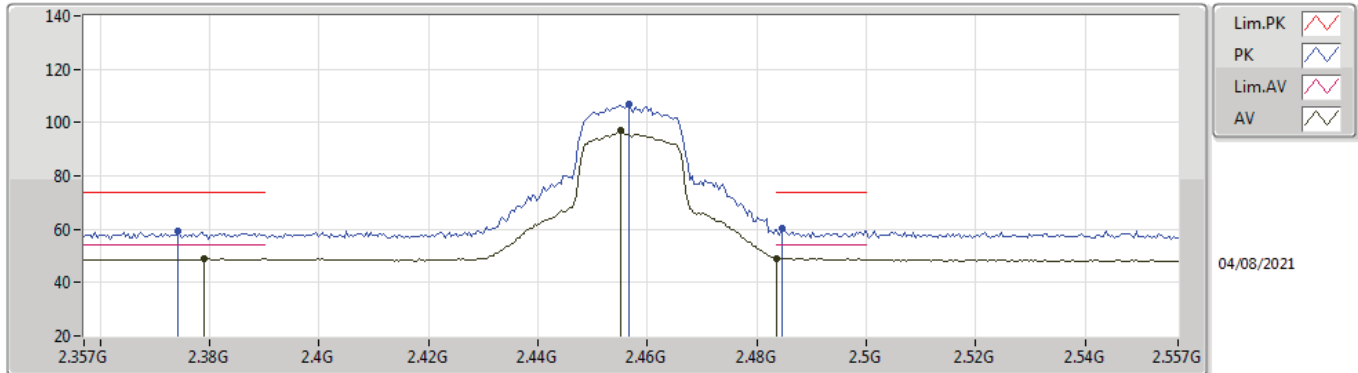
2457MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3842G	51.99	54.00	-2.01	34.98	3	Vertical	49	1.32	-	17.01	27.73	7.25	-
AV	2.455G	107.73	Inf	-Inf	34.70	3	Vertical	49	1.32	-	73.03	27.40	7.30	-
AV	2.4838G	53.83	54.00	-0.17	34.73	3	Vertical	49	1.32	-	19.10	27.40	7.33	-
PK	2.3778G	62.46	74.00	-11.54	34.99	3	Vertical	49	1.32	-	27.47	27.74	7.25	-
PK	2.4578G	117.45	Inf	-Inf	34.71	3	Vertical	49	1.32	-	82.74	27.40	7.31	-
PK	2.4835G	65.41	74.00	-8.59	34.73	3	Vertical	49	1.32	-	30.68	27.40	7.33	-

VHT20_Nss1,(MCS0)_4TX

2457MHz_TX

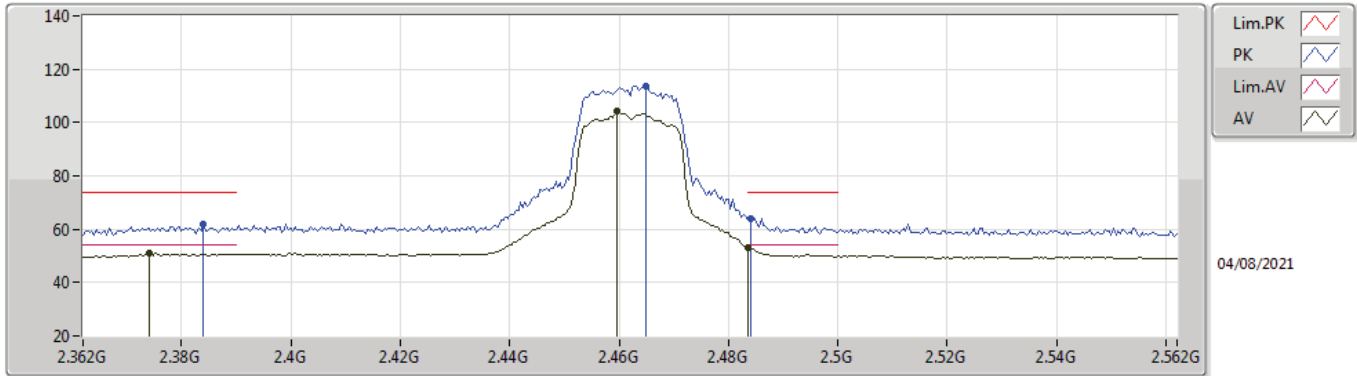


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.379G	48.97	54.00	-5.03	34.99	3	Horizontal	262	1.25	-	13.98	27.74	7.25	-
AV	2.455G	97.11	Inf	-Inf	34.70	3	Horizontal	262	1.25	-	62.41	27.40	7.30	-
AV	2.4835G	49.22	54.00	-4.78	34.73	3	Horizontal	262	1.25	-	14.49	27.40	7.33	-
PK	2.3742G	59.46	74.00	-14.54	35.00	3	Horizontal	262	1.25	-	24.46	27.75	7.25	-
PK	2.4566G	106.96	Inf	-Inf	34.71	3	Horizontal	262	1.25	-	72.25	27.40	7.31	-
PK	2.4846G	60.09	74.00	-13.91	34.73	3	Horizontal	262	1.25	-	25.36	27.40	7.33	-



VHT20_Nss1,(MCS0)_4TX

2462MHz_TX



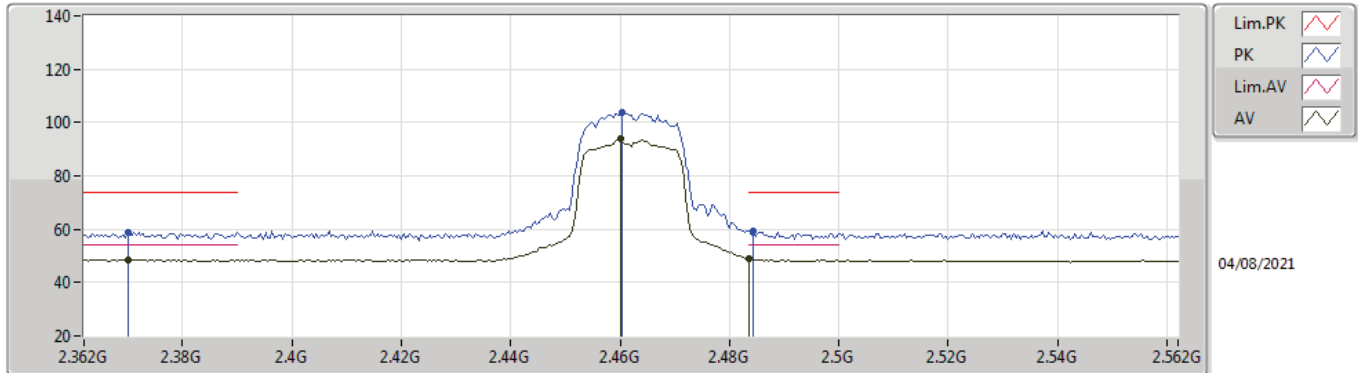
04/08/2021

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.374G	50.86	54.00	-3.14	35.00	3	Vertical	47	1.33	-	15.86	27.75	7.25	-
AV	2.4596G	104.46	Inf	-Inf	34.71	3	Vertical	47	1.33	-	69.75	27.40	7.31	-
AV	2.4835G	53.23	54.00	-0.77	34.73	3	Vertical	47	1.33	-	18.50	27.40	7.33	-
PK	2.384G	61.70	74.00	-12.30	34.98	3	Vertical	47	1.33	-	26.72	27.73	7.25	-
PK	2.4648G	113.72	Inf	-Inf	34.71	3	Vertical	47	1.33	-	79.01	27.40	7.31	-
PK	2.484G	64.10	74.00	-9.90	34.73	3	Vertical	47	1.33	-	29.37	27.40	7.33	-



VHT20_Nss1,(MCS0)_4TX

2462MHz_TX

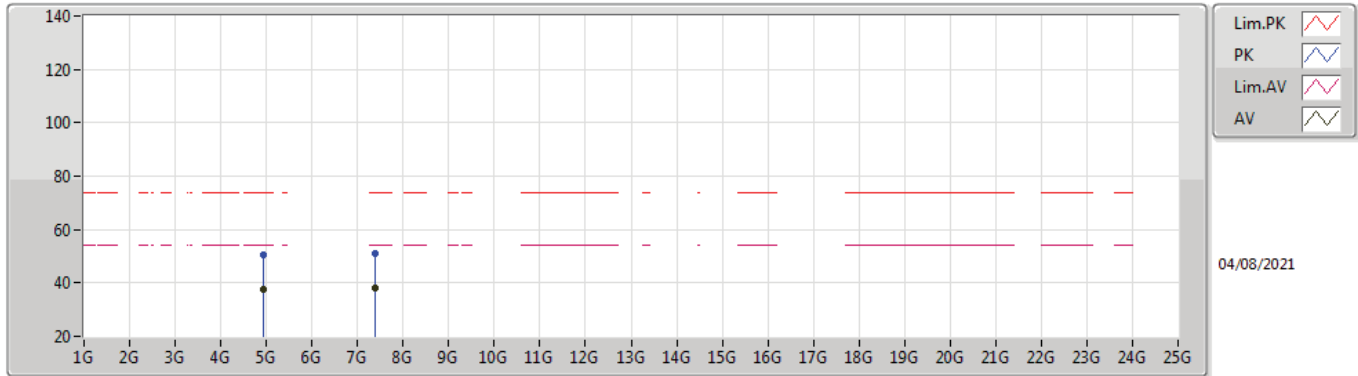


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.37G	48.64	54.00	-5.36	35.01	3	Horizontal	265	2.66	-	13.63	27.76	7.25	-
AV	2.46G	93.85	Inf	-Inf	34.71	3	Horizontal	265	2.66	-	59.14	27.40	7.31	-
AV	2.4835G	48.78	54.00	-5.22	34.73	3	Horizontal	265	2.66	-	14.05	27.40	7.33	-
PK	2.37G	58.69	74.00	-15.31	35.01	3	Horizontal	265	2.66	-	23.68	27.76	7.25	-
PK	2.4604G	103.80	Inf	-Inf	34.71	3	Horizontal	265	2.66	-	69.09	27.40	7.31	-
PK	2.4844G	59.53	74.00	-14.47	34.73	3	Horizontal	265	2.66	-	24.80	27.40	7.33	-



VHT20_Nss1,(MCS0)_4TX

2462MHz_TX

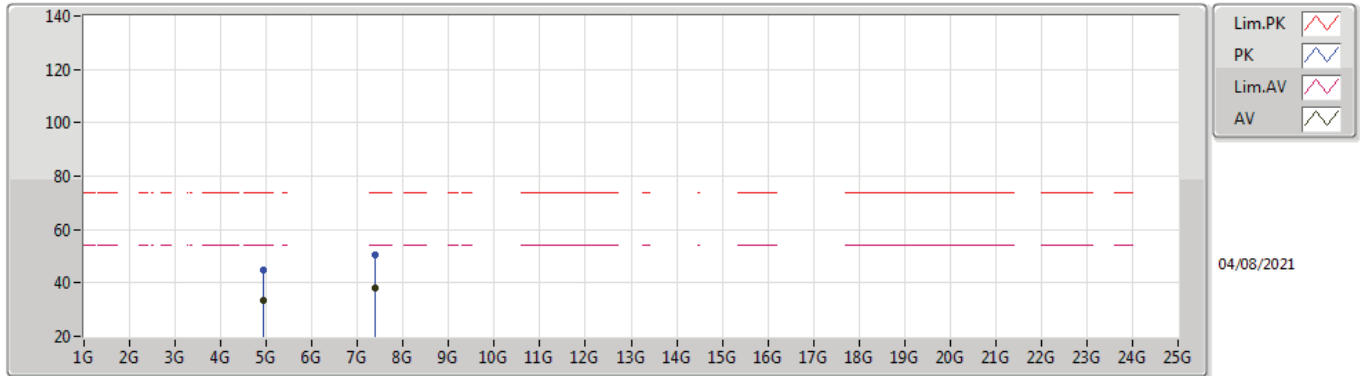


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.92536G	37.57	54.00	-16.43	6.04	3	Vertical	326	2.43	-	31.53	31.30	8.99	34.25
AV	7.38732G	38.32	54.00	-15.68	12.35	3	Vertical	43	3.00	-	25.97	36.23	10.70	34.58
PK	4.92596G	50.45	74.00	-23.55	6.04	3	Vertical	326	2.43	-	44.41	31.30	8.99	34.25
PK	7.38696G	50.85	74.00	-23.15	12.35	3	Vertical	43	3.00	-	38.50	36.23	10.70	34.58



VHT20_Nss1,(MCS0)_4TX

2462MHz_TX

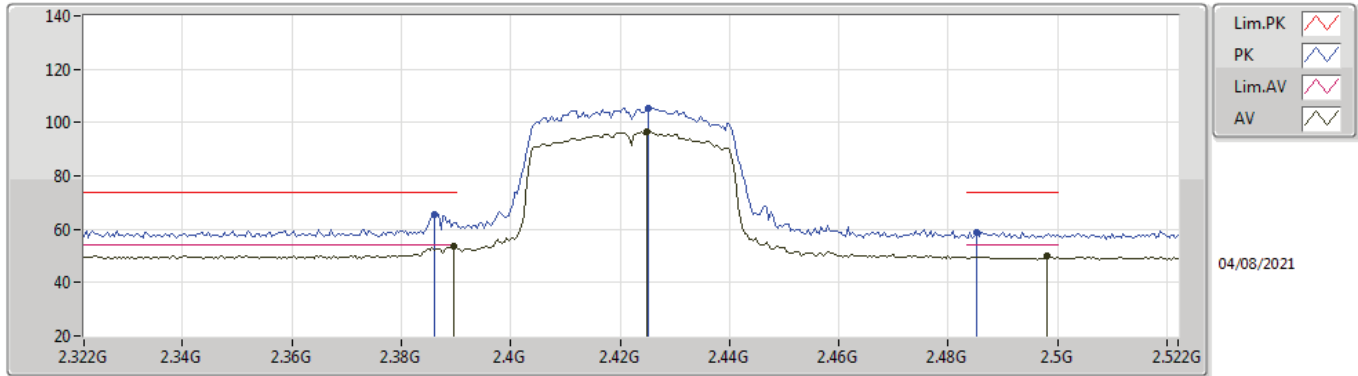


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.92512G	33.23	54.00	-20.77	6.04	3	Horizontal	318	2.26	-	27.19	31.30	8.99	34.25
AV	7.38544G	38.34	54.00	-15.66	12.35	3	Horizontal	232	1.01	-	25.99	36.23	10.70	34.58
PK	4.92532G	44.66	74.00	-29.34	6.04	3	Horizontal	318	2.26	-	38.62	31.30	8.99	34.25
PK	7.37864G	50.64	74.00	-23.36	12.35	3	Horizontal	232	1.01	-	38.29	36.24	10.69	34.58



VHT40_Nss1,(MCS0)_4TX

2422MHz_TX

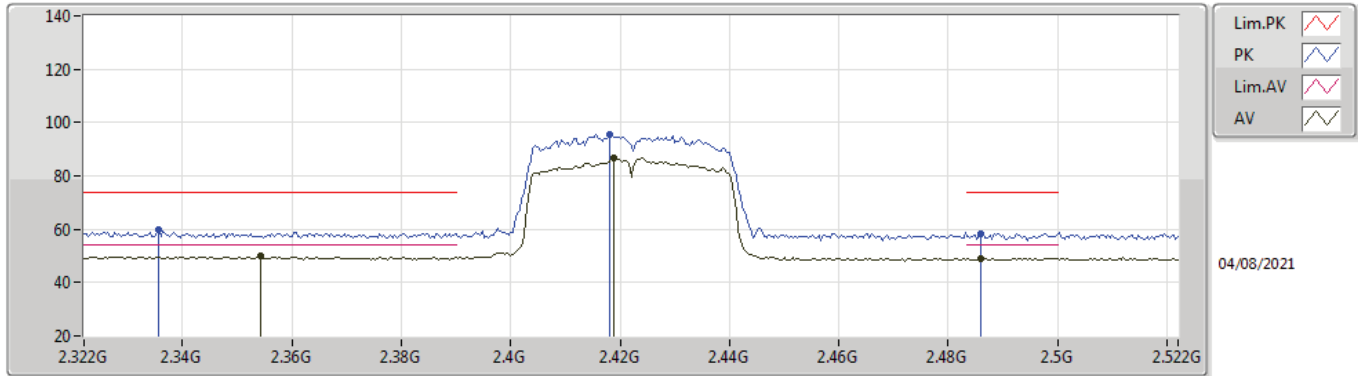


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3896G	53.82	54.00	-0.18	34.98	3	Vertical	56	2.20	-	18.84	27.72	7.26	-
AV	2.4248G	96.68	Inf	-Inf	34.83	3	Vertical	56	2.20	-	61.85	27.55	7.28	-
AV	2.498G	49.81	54.00	-4.19	34.74	3	Vertical	56	2.20	-	15.07	27.40	7.34	-
PK	2.386G	65.55	74.00	-8.45	34.98	3	Vertical	56	2.20	-	30.57	27.73	7.25	-
PK	2.4252G	105.37	Inf	-Inf	34.83	3	Vertical	56	2.20	-	70.54	27.55	7.28	-
PK	2.4852G	58.90	74.00	-15.10	34.73	3	Vertical	56	2.20	-	24.17	27.40	7.33	-



VHT40_Nss1,(MCS0)_4TX

2422MHz_TX

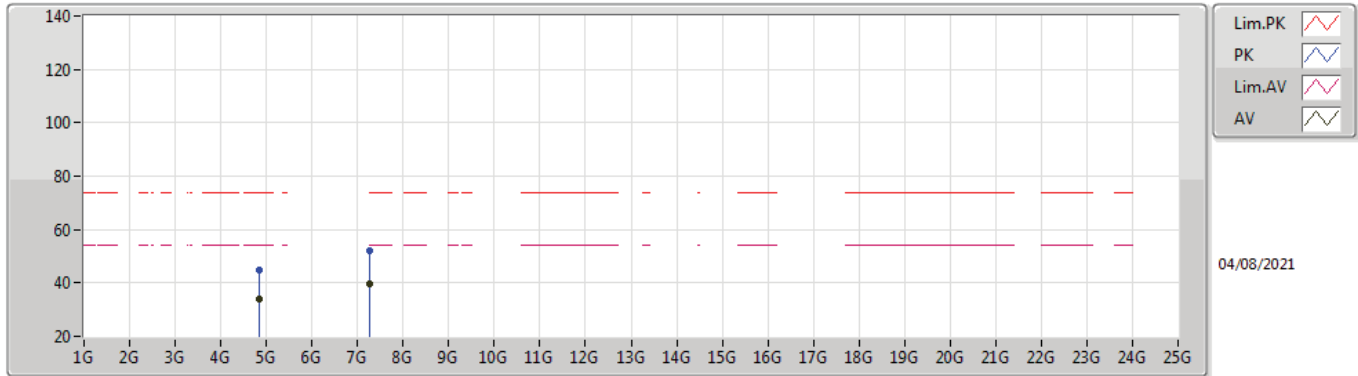


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3544G	49.89	54.00	-4.11	35.03	3	Horizontal	269	1.10	-	14.86	27.79	7.24	-
AV	2.4188G	86.87	Inf	-Inf	34.87	3	Horizontal	269	1.10	-	52.00	27.59	7.28	-
AV	2.486G	49.12	54.00	-4.88	34.73	3	Horizontal	269	1.10	-	14.39	27.40	7.33	-
PK	2.3356G	59.58	74.00	-14.42	35.06	3	Horizontal	269	1.10	-	24.52	27.83	7.23	-
PK	2.418G	95.53	Inf	-Inf	34.86	3	Horizontal	269	1.10	-	60.67	27.59	7.27	-
PK	2.486G	58.37	74.00	-15.63	34.73	3	Horizontal	269	1.10	-	23.64	27.40	7.33	-



VHT40_Nss1,(MCS0)_4TX

2422MHz_TX

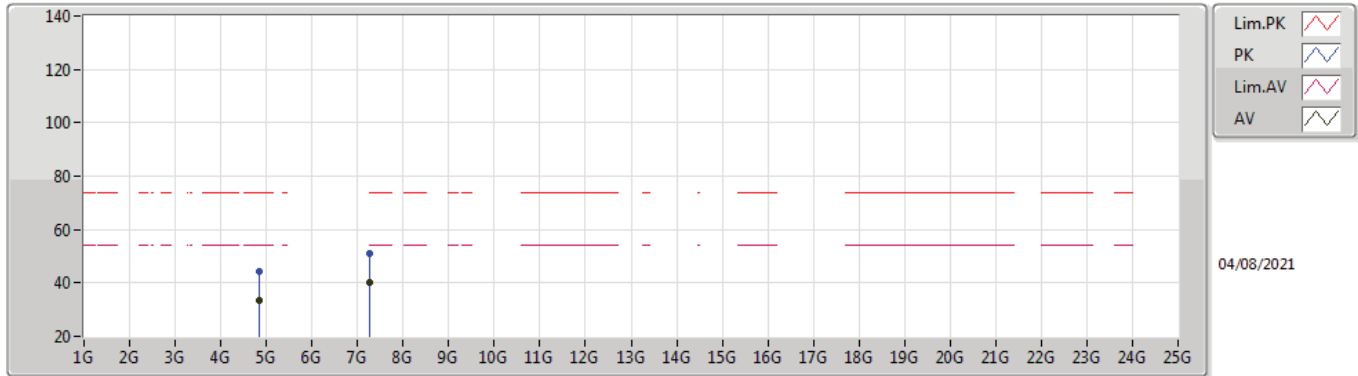


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.83504G	33.84	54.00	-20.16	5.82	3	Vertical	336	2.03	-	28.02	31.17	8.93	34.28
AV	7.25416G	39.90	54.00	-14.10	12.30	3	Vertical	209	1.50	-	27.60	36.31	10.56	34.57
PK	4.84512G	44.68	74.00	-29.32	5.85	3	Vertical	336	2.03	-	38.83	31.19	8.93	34.27
PK	7.27096G	51.84	74.00	-22.16	12.35	3	Vertical	209	1.50	-	39.49	36.34	10.58	34.57



VHT40_Nss1,(MCS0)_4TX

2422MHz_TX

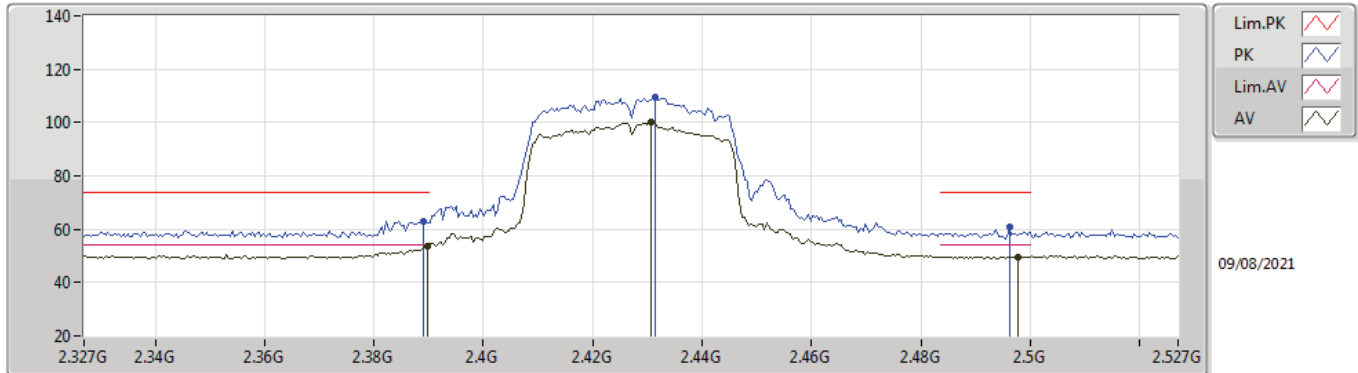


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.83688G	33.20	54.00	-20.80	5.82	3	Horizontal	336	3.00	-	27.38	31.17	8.93	34.28
AV	7.25248G	39.98	54.00	-14.02	12.29	3	Horizontal	314	1.50	-	27.69	36.30	10.56	34.57
PK	4.84256G	44.17	74.00	-29.83	5.85	3	Horizontal	336	3.00	-	38.32	31.19	8.93	34.27
PK	7.26336G	50.97	74.00	-23.03	12.33	3	Horizontal	314	1.50	-	38.64	36.33	10.57	34.57



VHT40_Nss1,(MCS0)_4TX

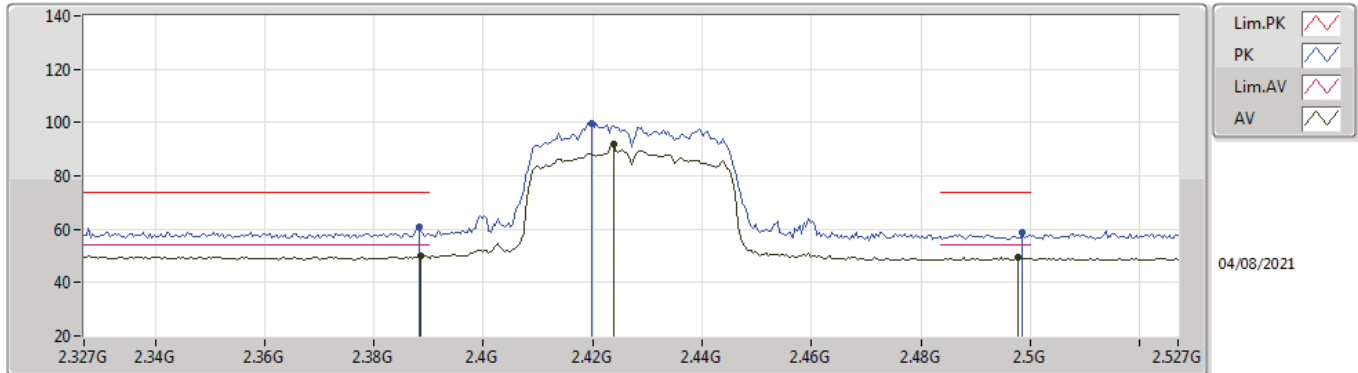
2427MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	53.57	54.00	-0.43	34.98	3	Vertical	0	2.24	-	18.59	27.72	7.26	-
AV	2.4306G	100.40	Inf	-Inf	34.80	3	Vertical	0	2.24	-	65.60	27.52	7.28	-
AV	2.4978G	49.74	54.00	-4.26	34.74	3	Vertical	0	2.24	-	15.00	27.40	7.34	-
PK	2.389G	62.89	74.00	-11.11	34.98	3	Vertical	0	2.24	-	27.91	27.72	7.26	-
PK	2.4314G	109.32	Inf	-Inf	34.80	3	Vertical	0	2.24	-	74.52	27.51	7.29	-
PK	2.4962G	60.86	74.00	-13.14	34.74	3	Vertical	0	2.24	-	26.12	27.40	7.34	-

VHT40_Nss1,(MCS0)_4TX

2427MHz_TX

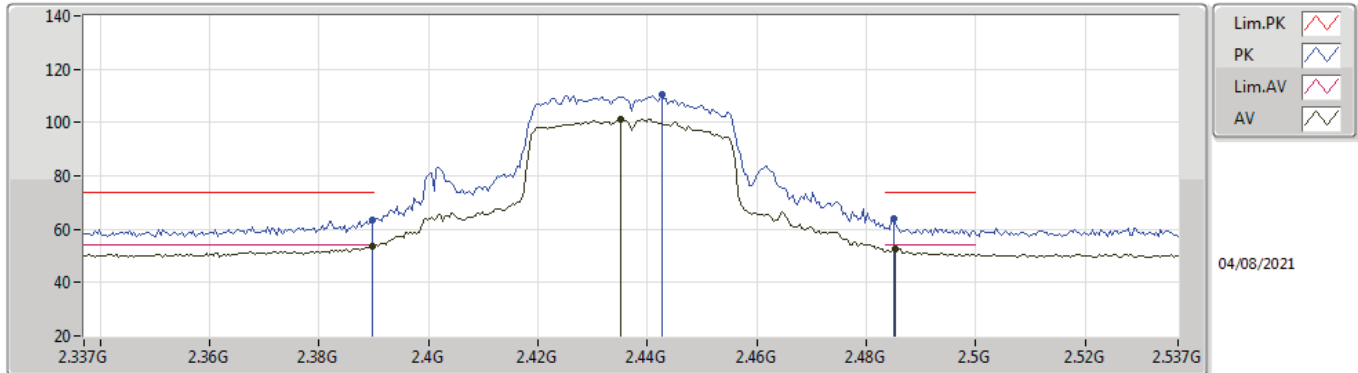


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3886G	50.01	54.00	-3.99	34.97	3	Horizontal	285	1.12	-	15.04	27.72	7.25	-
AV	2.4238G	91.86	Inf	-Inf	34.84	3	Horizontal	285	1.12	-	57.02	27.56	7.28	-
AV	2.4978G	49.38	54.00	-4.62	34.74	3	Horizontal	285	1.12	-	14.64	27.40	7.34	-
PK	2.3882G	60.67	74.00	-13.33	34.97	3	Horizontal	285	1.12	-	25.70	27.72	7.25	-
PK	2.4198G	99.85	Inf	-Inf	34.86	3	Horizontal	285	1.12	-	64.99	27.58	7.28	-
PK	2.4986G	58.87	74.00	-15.13	34.74	3	Horizontal	285	1.12	-	24.13	27.40	7.34	-



VHT40_Nss1,(MCS0)_4TX

2437MHz_TX

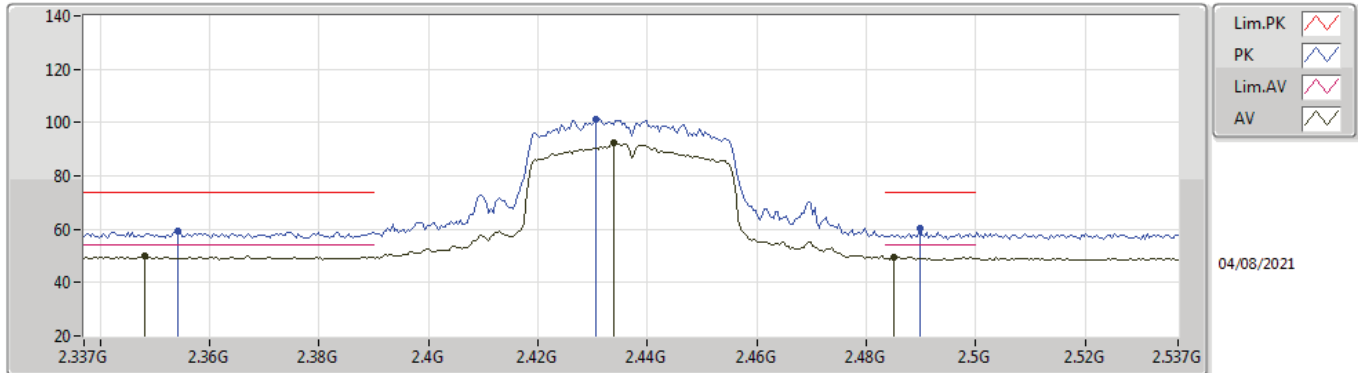


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	53.50	54.00	-0.50	34.98	3	Vertical	58	2.72	-	18.52	27.72	7.26	-
AV	2.435G	101.43	Inf	-Inf	34.78	3	Vertical	58	2.72	-	66.65	27.49	7.29	-
AV	2.4854G	52.51	54.00	-1.49	34.73	3	Vertical	58	2.72	-	17.78	27.40	7.33	-
PK	2.3898G	63.46	74.00	-10.54	34.98	3	Vertical	58	2.72	-	28.48	27.72	7.26	-
PK	2.4426G	110.52	Inf	-Inf	34.73	3	Vertical	58	2.72	-	75.79	27.44	7.29	-
PK	2.485G	64.07	74.00	-9.93	34.73	3	Vertical	58	2.72	-	29.34	27.40	7.33	-



VHT40_Nss1,(MCS0)_4TX

2437MHz_TX

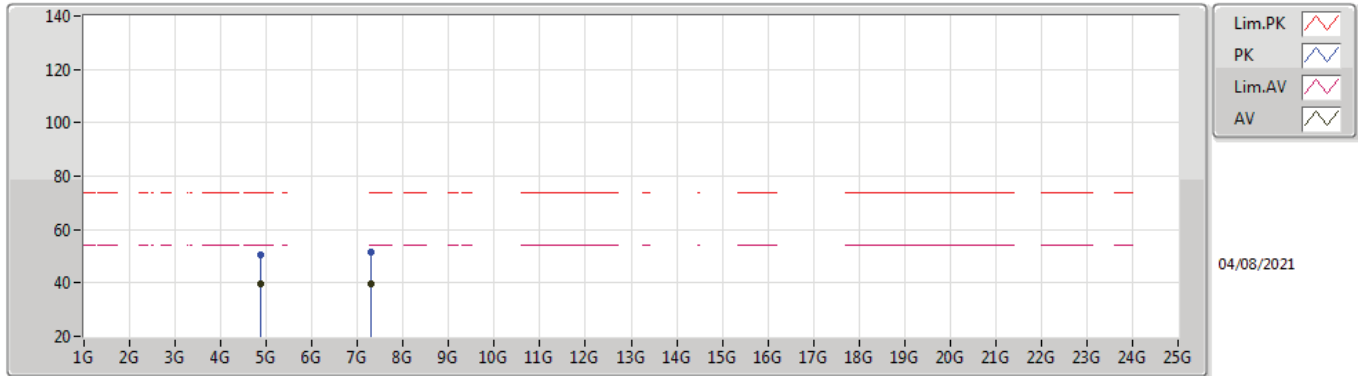


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3482G	50.04	54.00	-3.96	35.04	3	Horizontal	267	1.00	-	15.00	27.80	7.24	-
AV	2.4338G	92.27	Inf	-Inf	34.79	3	Horizontal	267	1.00	-	57.48	27.50	7.29	-
AV	2.485G	49.38	54.00	-4.62	34.73	3	Horizontal	267	1.00	-	14.65	27.40	7.33	-
PK	2.3542G	59.24	74.00	-14.76	35.03	3	Horizontal	267	1.00	-	24.21	27.79	7.24	-
PK	2.4306G	101.31	Inf	-Inf	34.80	3	Horizontal	267	1.00	-	66.51	27.52	7.28	-
PK	2.4898G	60.21	74.00	-13.79	34.73	3	Horizontal	267	1.00	-	25.48	27.40	7.33	-



VHT40_Nss1,(MCS0)_4TX

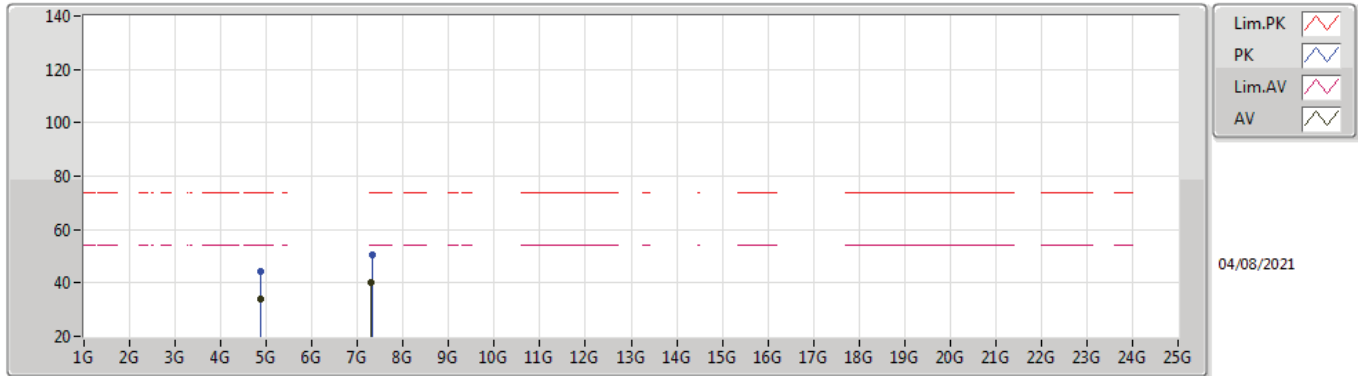
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.8676G	39.60	54.00	-14.40	5.88	3	Vertical	34	2.04	-	33.72	31.20	8.95	34.27
AV	7.29236G	39.70	54.00	-14.30	12.41	3	Vertical	107	3.00	-	27.29	36.38	10.60	34.57
PK	4.874G	50.32	74.00	-23.68	5.90	3	Vertical	34	2.04	-	44.42	31.20	8.96	34.26
PK	7.30076G	51.67	74.00	-22.33	12.44	3	Vertical	107	3.00	-	39.23	36.40	10.61	34.57

VHT40_Nss1,(MCS0)_4TX

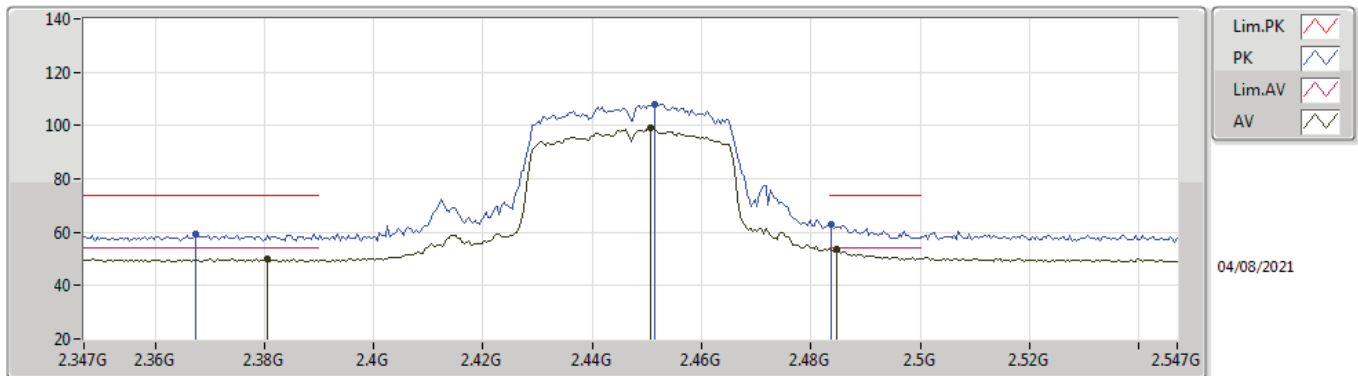
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.86512G	34.14	54.00	-19.86	5.88	3	Horizontal	240	1.35	-	28.26	31.20	8.95	34.27
AV	7.29172G	40.02	54.00	-13.98	12.41	3	Horizontal	312	1.50	-	27.61	36.38	10.60	34.57
PK	4.86528G	44.06	74.00	-29.94	5.88	3	Horizontal	240	1.35	-	38.18	31.20	8.95	34.27
PK	7.3194G	50.63	74.00	-23.37	12.42	3	Horizontal	312	1.50	-	38.21	36.36	10.63	34.57

VHT40_Nss1,(MCS0)_4TX

2447MHz_TX

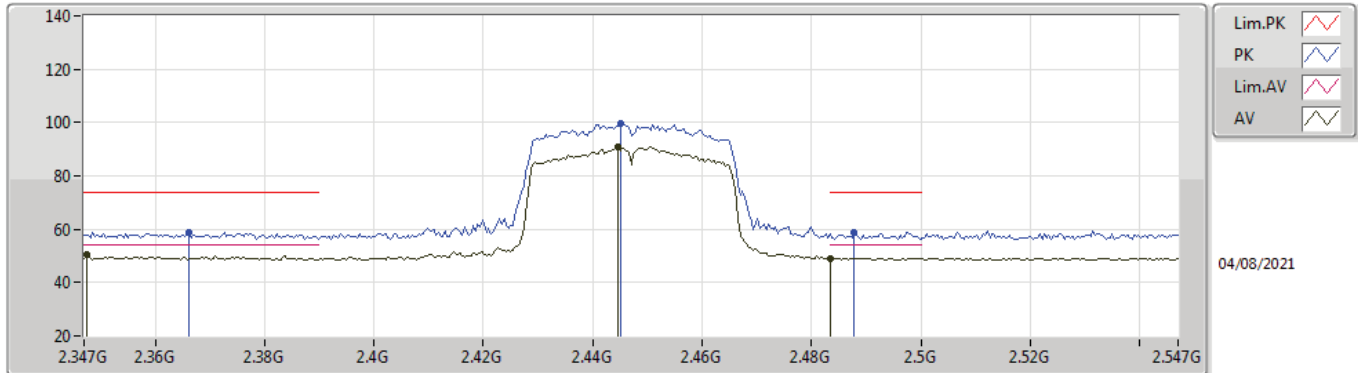


04/08/2021

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3806G	49.89	54.00	-4.11	34.99	3	Vertical	0	1.74	-	14.90	27.74	7.25	-
AV	2.4506G	99.35	Inf	-Inf	34.70	3	Vertical	0	1.74	-	64.65	27.40	7.30	-
AV	2.4846G	53.48	54.00	-0.52	34.73	3	Vertical	0	1.74	-	18.75	27.40	7.33	-
PK	2.3674G	59.11	74.00	-14.89	35.02	3	Vertical	0	1.74	-	24.09	27.77	7.25	-
PK	2.4514G	108.03	Inf	-Inf	34.70	3	Vertical	0	1.74	-	73.33	27.40	7.30	-
PK	2.4838G	62.92	74.00	-11.08	34.73	3	Vertical	0	1.74	-	28.19	27.40	7.33	-

VHT40_Nss1,(MCS0)_4TX

2447MHz_TX

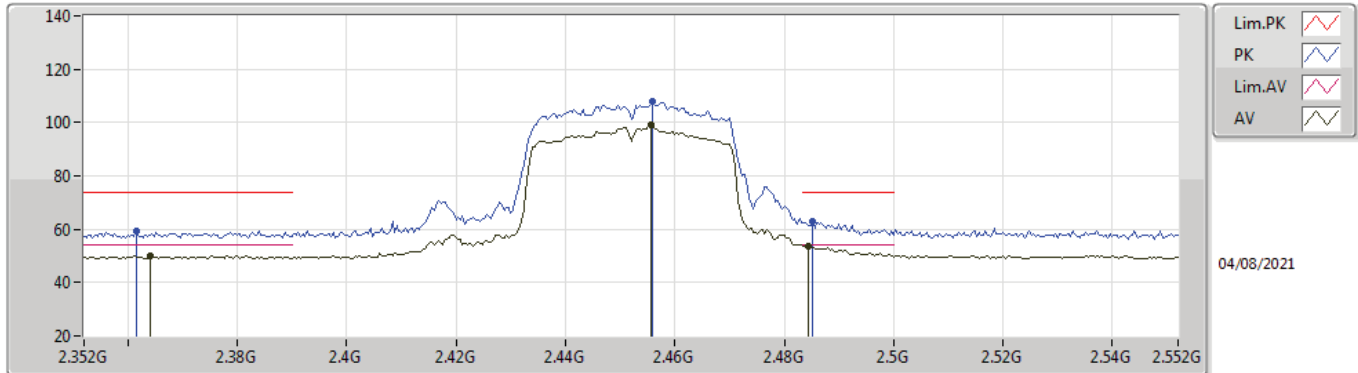


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3474G	50.30	54.00	-3.70	35.05	3	Horizontal	50	3.00	-	15.25	27.81	7.24	-
AV	2.4446G	90.82	Inf	-Inf	34.73	3	Horizontal	50	3.00	-	56.09	27.43	7.30	-
AV	2.4835G	49.22	54.00	-4.78	34.73	3	Horizontal	50	3.00	-	14.49	27.40	7.33	-
PK	2.3662G	58.79	74.00	-15.21	35.01	3	Horizontal	50	3.00	-	23.78	27.77	7.24	-
PK	2.445G	99.90	Inf	-Inf	34.73	3	Horizontal	50	3.00	-	65.17	27.43	7.30	-
PK	2.4878G	58.88	74.00	-15.12	34.73	3	Horizontal	50	3.00	-	24.15	27.40	7.33	-



VHT40_Nss1,(MCS0)_4TX

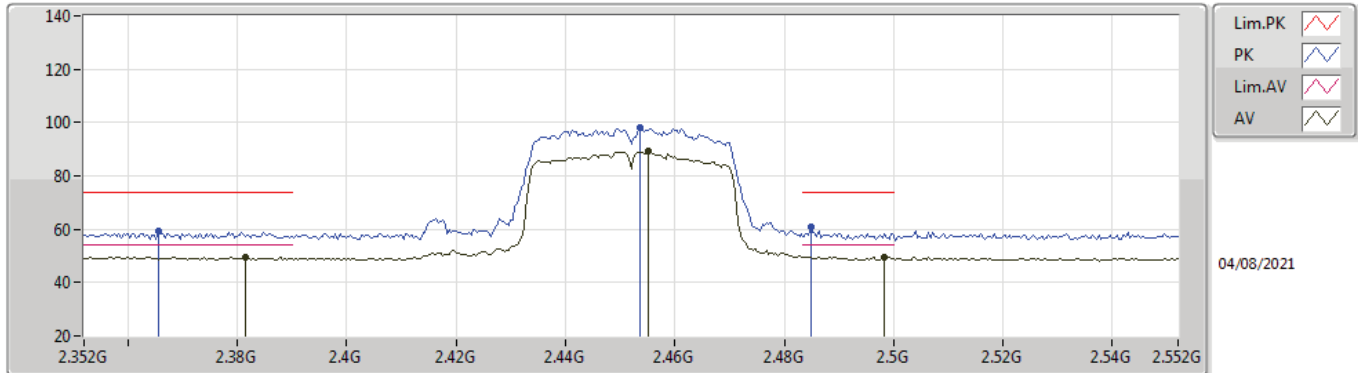
2452MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.364G	50.11	54.00	-3.89	35.01	3	Vertical	360	1.71	-	15.10	27.77	7.24	-
AV	2.4556G	99.07	Inf	-Inf	34.70	3	Vertical	360	1.71	-	64.37	27.40	7.30	-
AV	2.4844G	53.61	54.00	-0.39	34.73	3	Vertical	360	1.71	-	18.88	27.40	7.33	-
PK	2.3616G	59.29	74.00	-14.71	35.02	3	Vertical	360	1.71	-	24.27	27.78	7.24	-
PK	2.456G	107.77	Inf	-Inf	34.70	3	Vertical	360	1.71	-	73.07	27.40	7.30	-
PK	2.4852G	63.04	74.00	-10.96	34.73	3	Vertical	360	1.71	-	28.31	27.40	7.33	-

VHT40_Nss1,(MCS0)_4TX

2452MHz_TX

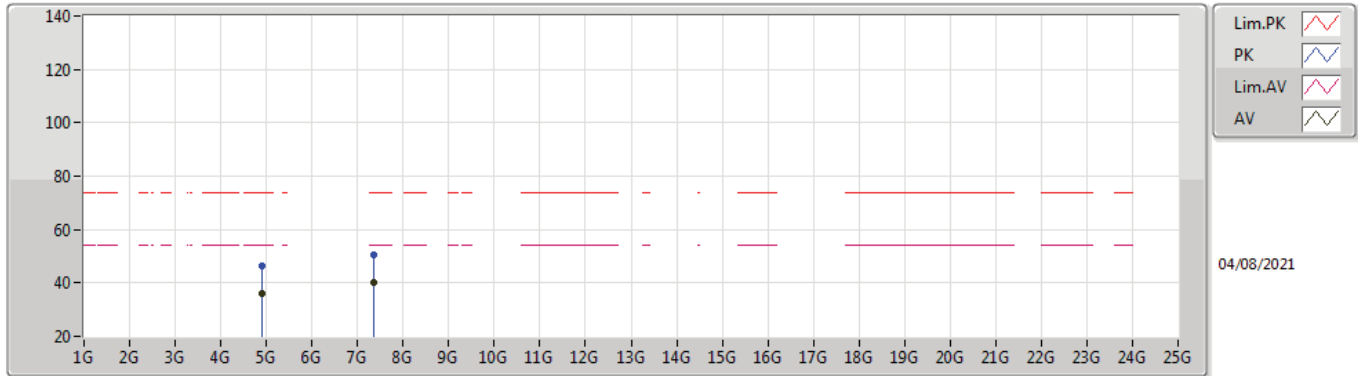


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3816G	49.64	54.00	-4.36	34.99	3	Horizontal	64	2.91	-	14.65	27.74	7.25	-
AV	2.4552G	89.43	Inf	-Inf	34.70	3	Horizontal	64	2.91	-	54.73	27.40	7.30	-
AV	2.4984G	49.74	54.00	-4.26	34.74	3	Horizontal	64	2.91	-	15.00	27.40	7.34	-
PK	2.3656G	59.23	74.00	-14.77	35.01	3	Horizontal	64	2.91	-	24.22	27.77	7.24	-
PK	2.4536G	98.28	Inf	-Inf	34.70	3	Horizontal	64	2.91	-	63.58	27.40	7.30	-
PK	2.4848G	60.72	74.00	-13.28	34.73	3	Horizontal	64	2.91	-	25.99	27.40	7.33	-



VHT40_Nss1,(MCS0)_4TX

2452MHz_TX

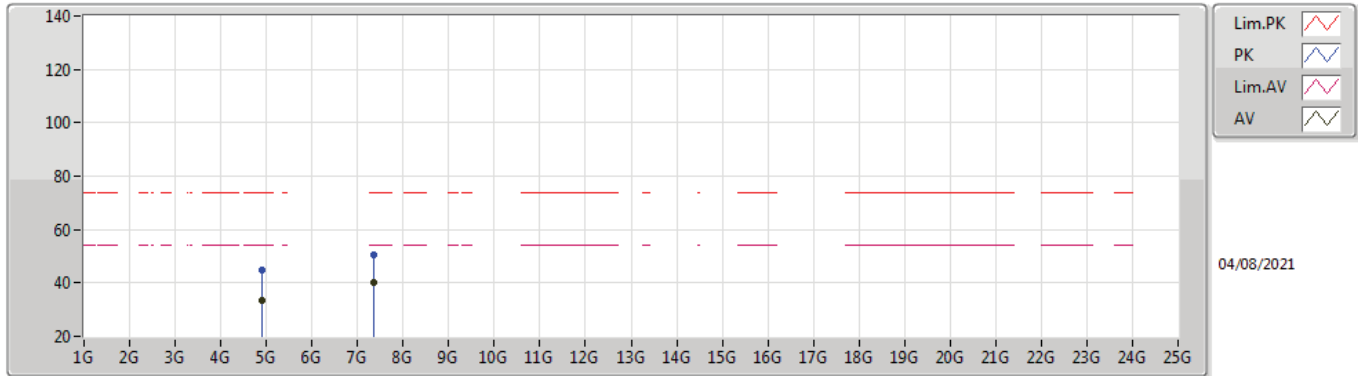


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.89552G	35.97	54.00	-18.03	5.91	3	Vertical	38	2.22	-	30.06	31.20	8.97	34.26
AV	7.36264G	40.20	54.00	-13.80	12.36	3	Vertical	343	1.50	-	27.84	36.27	10.67	34.58
PK	4.89848G	46.25	74.00	-27.75	5.92	3	Vertical	38	2.22	-	40.33	31.20	8.97	34.25
PK	7.358G	50.70	74.00	-23.30	12.37	3	Vertical	343	1.50	-	38.33	36.28	10.67	34.58



VHT40_Nss1,(MCS0)_4TX

2452MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.89632G	33.50	54.00	-20.50	5.91	3	Horizontal	152	1.50	-	27.59	31.20	8.97	34.26
AV	7.36728G	39.96	54.00	-14.04	12.37	3	Horizontal	37	1.50	-	27.59	36.27	10.68	34.58
PK	4.89936G	44.96	74.00	-29.04	5.92	3	Horizontal	152	1.50	-	39.04	31.20	8.97	34.25
PK	7.35888G	50.75	74.00	-23.25	12.37	3	Horizontal	37	1.50	-	38.38	36.28	10.67	34.58