



FCC Radio Test Report

FCC ID : XNI-ID215183
Contain FCC ID : XMR201807EG95NA
Equipment : Cellular Router Gen2 Hotspot Only
Brand Name : LCI
Model Name : 2021015318
Applicant : Lippert Components
6801 15 Mile Road Sterling Heights Michigan
United States 48312
Manufacturer : Lippert Components
6801 15 Mile Road Sterling Heights Michigan
United States 48312
Standard : 47 CFR FCC Part 15.247

The product was received on Dec. 21, 2020, and testing was started from Feb. 19, 2021 and completed on Apr. 14, 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.)



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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 evaluateds the output power.

Reviewed by: Sam Tsai

Report Producer: Michelle Tsai



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	2TX
2.4-2.4835GHz	802.11g	20	2TX
2.4-2.4835GHz	VHT20	20	2TX
2.4-2.4835GHz	VHT40	40	2TX

Beamforming

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	VHT20-BF	20	2TX
2.4-2.4835GHz	VHT40-BF	40	2TX

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

Ant.	Brand	Model Name	Antenna Type	Connector
1	Lynwave	ALX20P-222AA2-00	PCB antenna	I-PEX
2	Lynwave	ALX20P-222AA2-00	PCB antenna	I-PEX

Ant.	Port	Gain (dBi)	
		2.4G	5G
1	1	2.8	4.1
2	2	2.8	4.1

For 2.4GHz function:

For IEEE 802.11 b/g/n/VHT mode (2TX/2RX)

Ant. 1 (port 1) and Ant. 2 (port 2) could transmit/receive.

For 5GHz function:

For IEEE 802.11 a/n/ac mode (2TX/2RX)

Ant. 1 (port 1) and Ant. 2 (port 2) could transmit/receive.



1.1.3 EUT Information

Operational Condition				
EUT Power Type	From AC Adapter			
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,(1Mbps)_2TX	1	0	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11g,(6Mbps)_2TX	1	0	n/a (DC>=0.98)	n/a (DC>=0.98)
VHT20,(MCS0)_2TX	1	0	n/a (DC>=0.98)	n/a (DC>=0.98)
VHT40,(MCS0)_2TX	1	0	n/a (DC>=0.98)	n/a (DC>=0.98)

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)_2TX	1	0	n/a (DC>=0.98)	n/a (DC>=0.98)
VHT40-BF_Nss1,(MCS0)_2TX	1	0	n/a (DC>=0.98)	n/a (DC>=0.98)

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. TW1190 with FCC.				
Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
AC Conduction	CO04-HY	Edward Wang	20.8~22.7°C / 54~58%	09/Mar/2021
RF Conducted	TH07-HY	Justin Pan	23~26.9°C / 53.5~60%	24/Feb/2021
<input checked="" 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.				
Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
Radiated	03CH09-HY	Daniel Hsu	22.3~24.2°C / 53~57%	19/Feb/2021~23/Feb/2021
Radiated (Co-location)	03CH09-HY	Daniel Hsu	21.5~25.3°C / 56~57%	14/Apr/2021

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 Condition

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

2.2 Test Channel Mode

Test Software Version	RTL819x 3.6 -2019/04/19
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Non-Beamforming

Mode	Power Setting
802.11b_Nss1,(1Mbps)_2TX	-
2412MHz	76,76
2417MHz	76,76
2437MHz	79,79
2457MHz	72,72
2462MHz	73,73
802.11g_Nss1,(6Mbps)_2TX	-
2412MHz	91,91
2417MHz	117,117
2437MHz	127,127
2457MHz	119,119
2462MHz	105,105
VHT20_Nss1,(MCS0)_2TX	-
2412MHz	90,90
2417MHz	104,104
2437MHz	123,123
2457MHz	109,109
2462MHz	95,95
VHT40_Nss1,(MCS0)_2TX	-
2422MHz	85,85
2427MHz	89,89
2437MHz	109,109
2447MHz	97,97
2452MHz	88,88






Beamforming

Mode	Power Setting
VHT20-BF_Nss1,(MCS0)_2TX	-
2412MHz	90,90
2417MHz	104,104
2437MHz	123,123
2457MHz	109,109
2462MHz	95,95
VHT40-BF_Nss1,(MCS0)_2TX	-
2422MHz	85,85
2427MHz	89,89
2437MHz	109,109
2447MHz	97,97
2452MHz	88,88

2.3 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral
Operating Mode	CTX
1	Adapter 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	Adapter mode		
Operating Mode > 1GHz	CTX		
Orthogonal Planes of EUT	X Plane	Y Plane	Z Plane
			
Worst Planes of EUT			V

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Test Condition	Radiated measurement
Operating Mode	Normal Link
1	WLAN 2.4GHz+WLAN 5GHz
Refer to Sporton Test Report No.: Appendix G for Radiated Emission Co-location.	
Operating Mode	Normal Link
1	WLAN 2.4GHz+WLAN 5GHz+LTE
Refer to Sporton Test Report No.: FA071332 for Co-location RF Exposure Evaluation.	

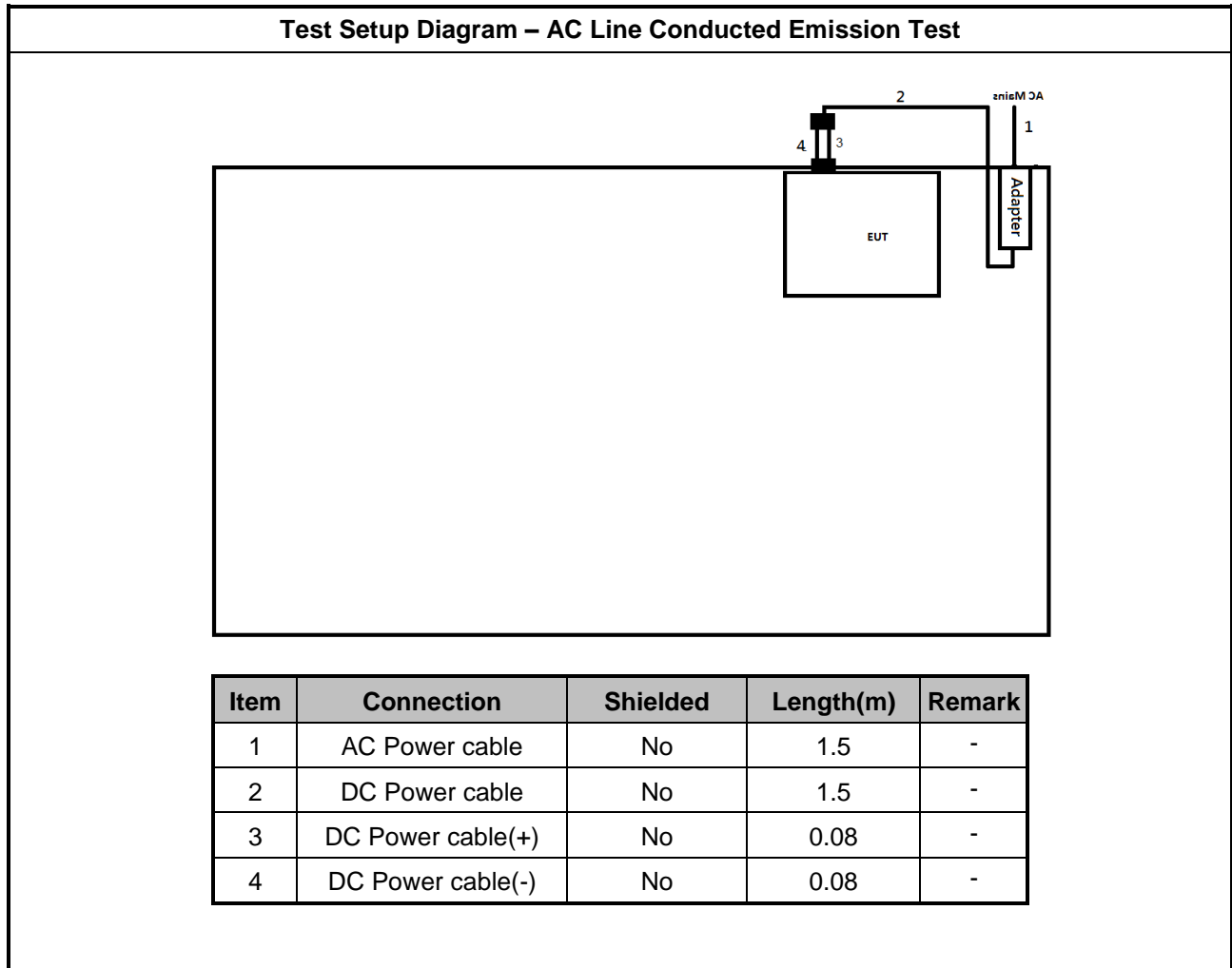


2.4 Support Equipment

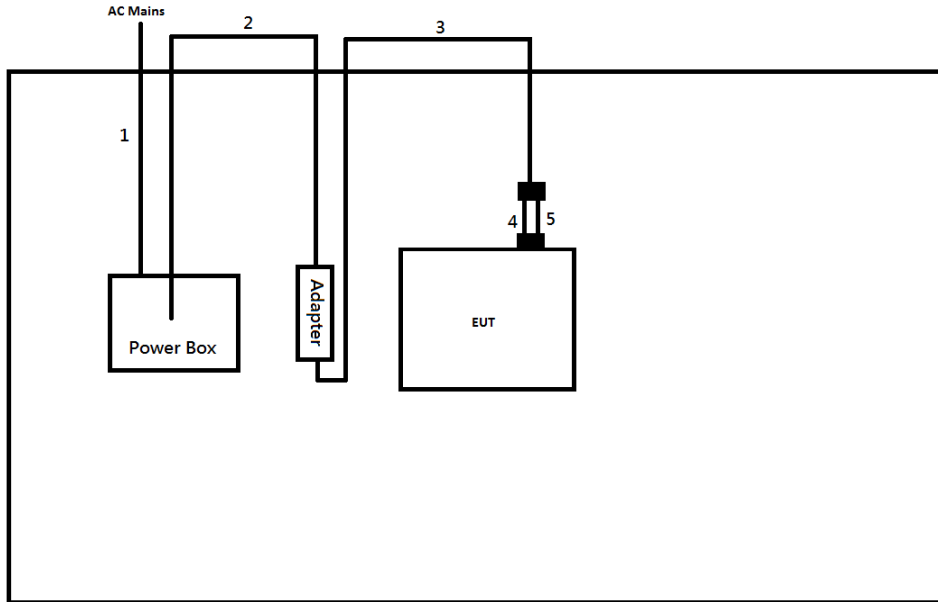
Support Equipment – AC Conduction and Radiated					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	AC Adapter	Asian Power Devices inc.	DA-48T12	-	Provided by Customer

Support Equipment – Conducted					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Notebook	DELL	PP13S	-	-
2	Adapter for NB	DELL	LA90PS0-00	-	-
3	AC Adapter	Asian Power Devices inc.	DA-48T12	-	Provided by Customer

2.5 Test Setup Diagram



Test Setup Diagram - Radiated Test



Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	AC Power cable	No	1.5	-
3	DC Power cable	No	1.5	-
4	DC Power cable(+)	No	0.08	-
5	DC Power cable(-)	No	0.08	-



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

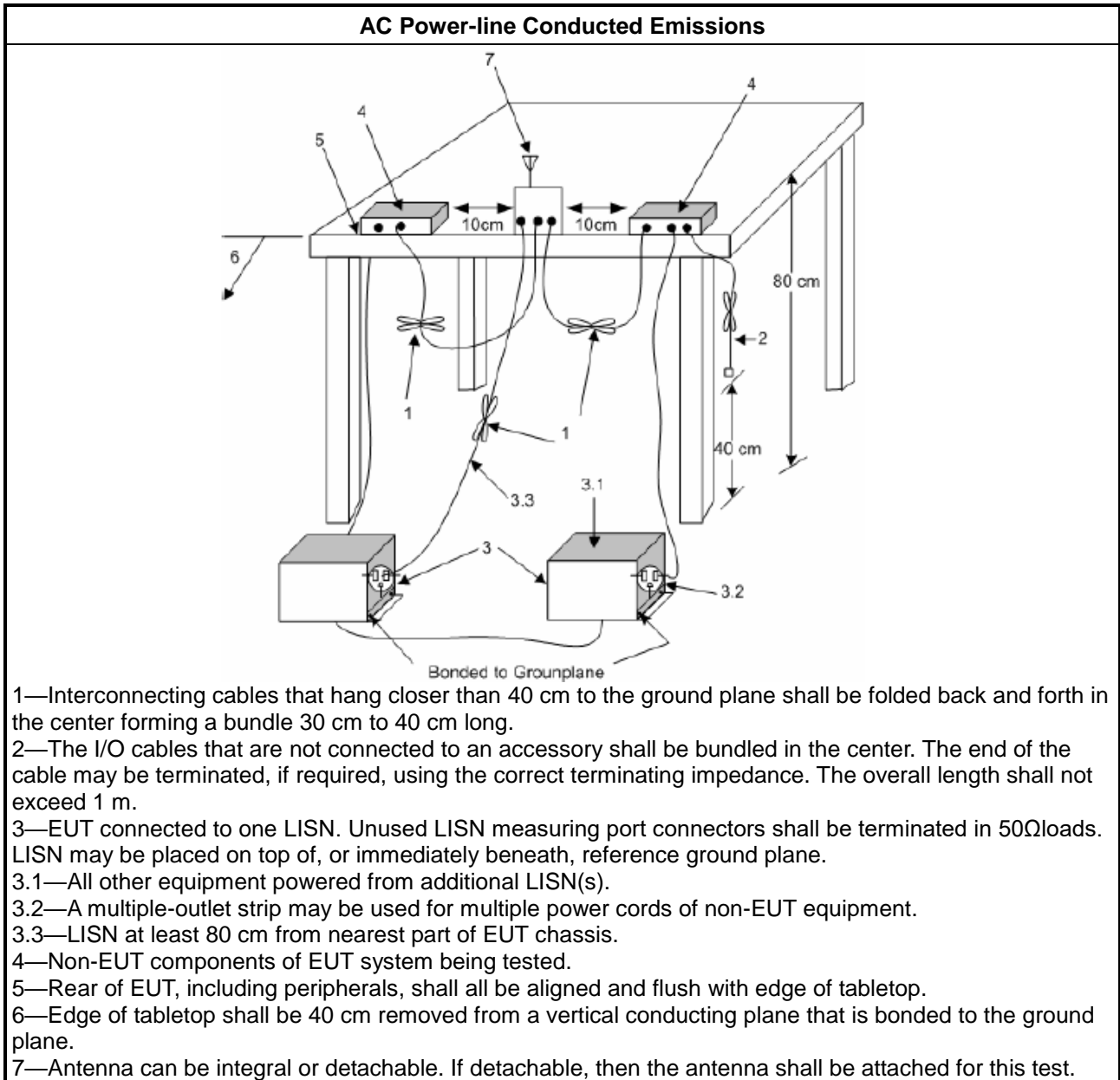
Test Method
<input checked="" type="checkbox"/> Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

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.

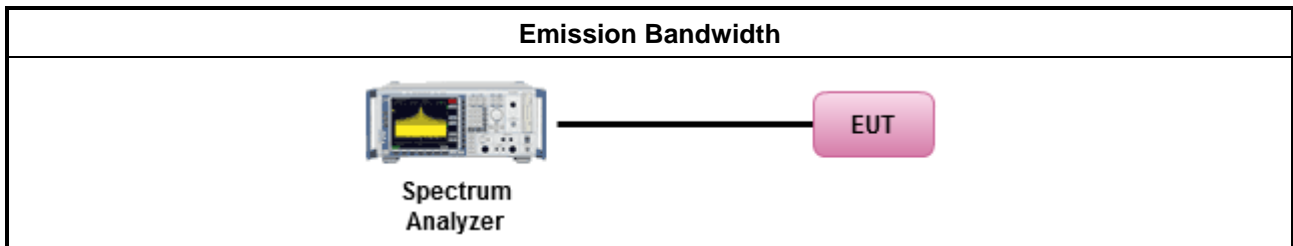
3.2.2 Measuring Instruments

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_{Out} = maximum peak conducted output power or maximum conducted output power in dBm, G_{TX} = the maximum transmitting antenna directional gain in dBi.	

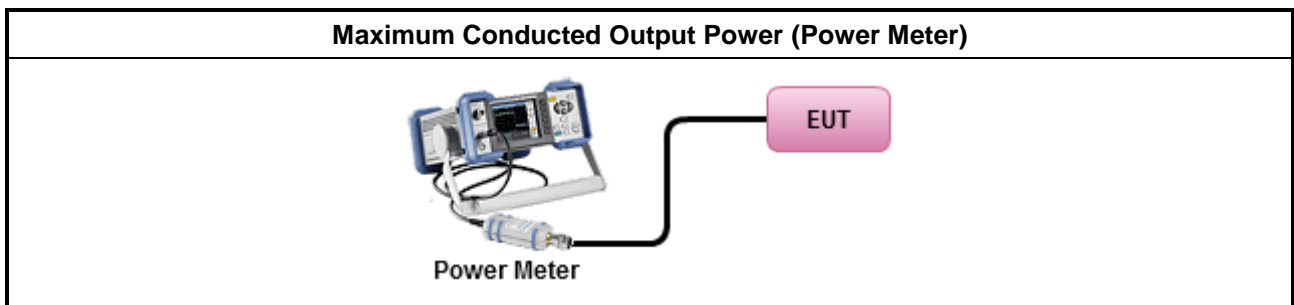
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

Test Method	
<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

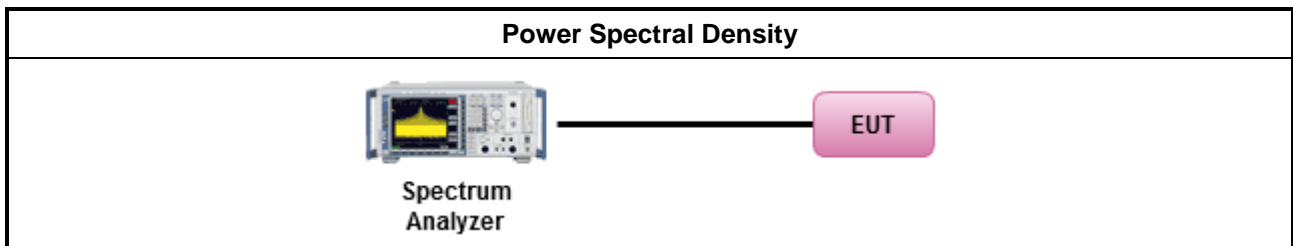
3.4.2 Measuring Instruments

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.

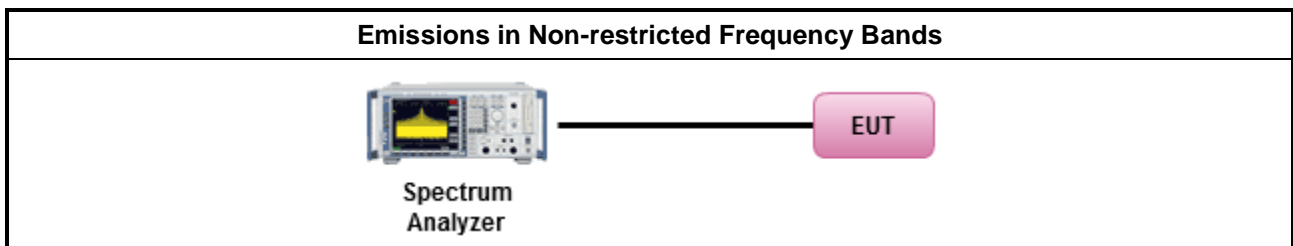
3.5.2 Measuring Instruments

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

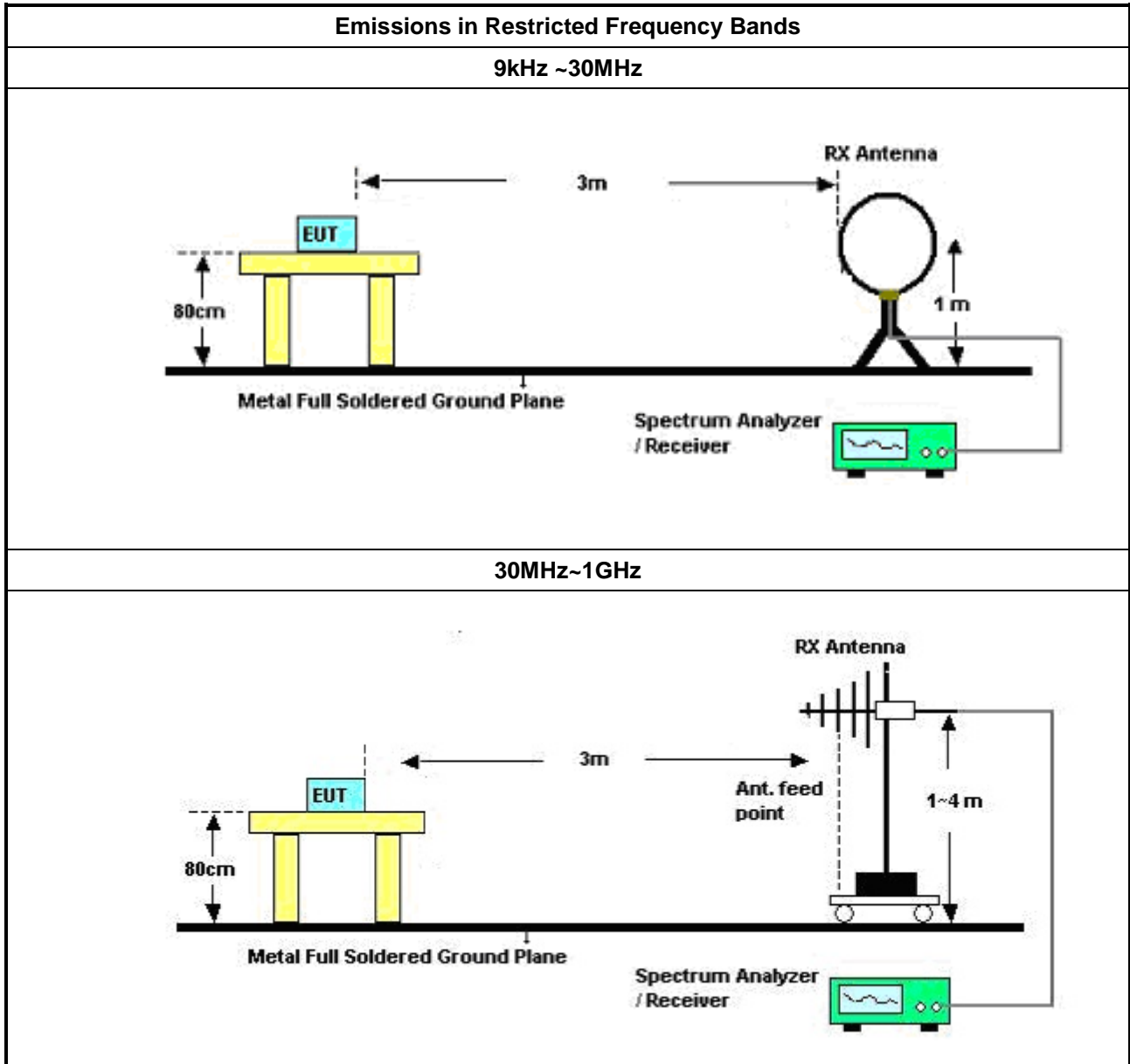
Test Method	
	<ul style="list-style-type: none"> ▪ The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor].
	<ul style="list-style-type: none"> ▪ Refer as ANSI C63.10, clause 6.10.3 band-edge testing shall be performed at the lowest frequency channel and highest frequency channel 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"> <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"> <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"> <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"> <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"> <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"> <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"> <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"> <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.

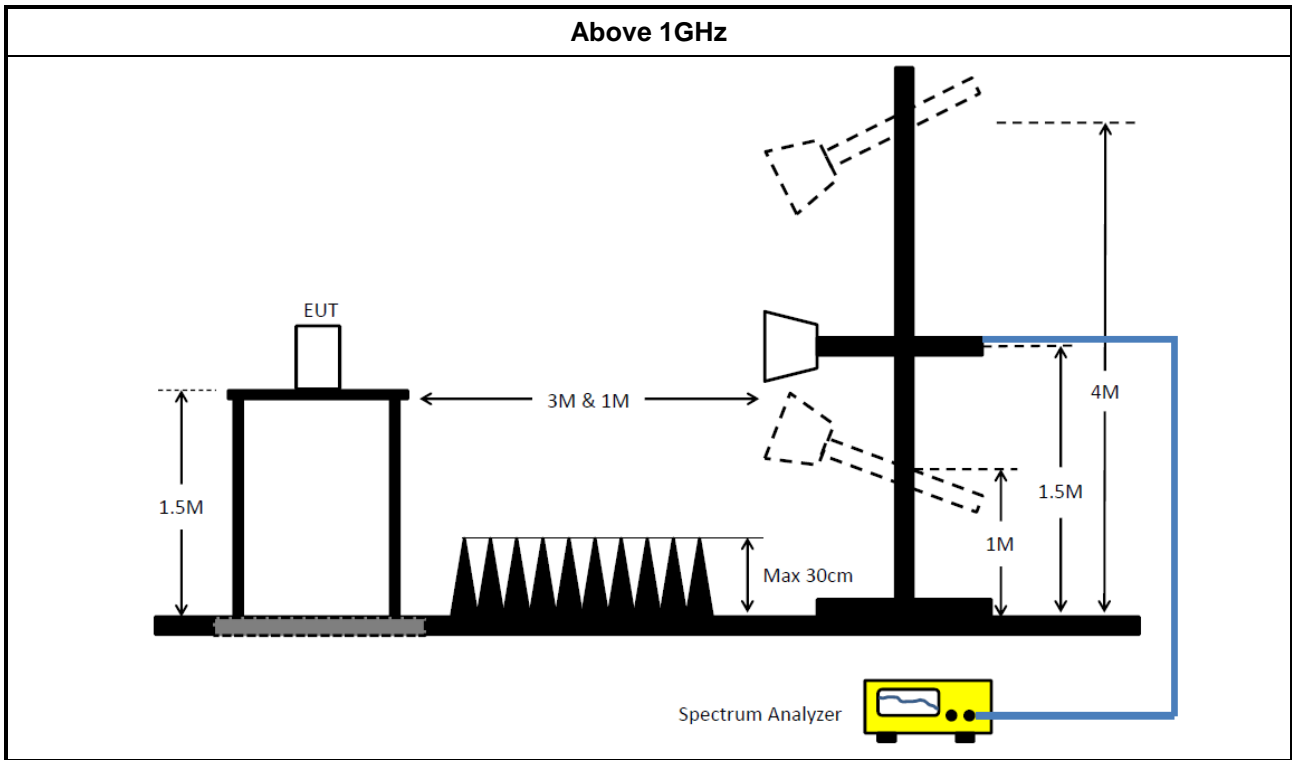
3.6.4 Measurement Results Calculation

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	ESR3	102051	9kHz ~ 3.6GHz	29/May/2020	28/May/2021
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	SCHWARZBECK	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
EXA Signal Analyzer	KEYSIGHT	N9010A	SG56070103	10Hz~44GHz	09/Mar/2020	08/Mar/2021
SMB100A Signal Generator	R&S	SMB100A03	181147	100kHz~40GHz	20/Oct/2020	19/Oct/2021
Pulse Sensor	Anritsu	MA2411B	1339407	300MHz~40GHz	27/Nov/2020	26/Nov/2021
Power Meter	Anritsu	ML2495A	1517010	300MHz~40GHz	27/Nov/2020	26/Nov/2021

Instrument for Radiated Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	30MHz~1GHz 3m	27/Mar/2020	26/Mar/2021
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	1GHz~18GHz 3m	19/Mar/2020	18/Mar/2021
EXA Signal Analyzer	KEYSIGHT	N9010A	MY54200885	10Hz~44GHz	11/Aug/2020	10/Aug/2021
Amplifier	EMC	EMC9135	980232	9kHz~1GHz	14/Apr/2020	13/Apr/2021
Microwave Pre-amplifier	Agilent	8449B	3008A02096	1GHz~26.5GHz	24/Jul/2020	23/Jul/2021
Bilog Antenna & 5dB Attenuator	TESEQ & MTJ	CBL6111D&MTJ6 102-05	35418 & 3	30MHz~1GHz	06/Sep/2020	05/Sep/2021
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA9120 D 1534	1GHz~18GHz	28/May/2020	27/May/2021
RF Cable-low	Jye Bao	RG142	CB031+324530/4	9kHz~30MHz	03/Sep/2020	02/Sep/2021
RF Cable-low	Jye Bao	RG142	CB031+324530/4	30MHz~1GHz	09/Feb/2021	08/Feb/2022
RF CABLE 5m+3m+1m	HUBER+SUHNER	SUCOFLEX104	SN MY25918/4+ SN MY39478/4 + SN 324530/4	1GHz~40GHz	15/Aug/2020	14/Aug/2021
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	18GHz~40GHz	13/Mar/2020	12/Mar/2021
Pre-amplifier	MITEQ	TTA1840-35-HG	1864481	18GHz~40GHz	10/Mar/2020	09/Mar/2021
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	16/Mar/2020	15/Mar/2021
EMI Test Receiver	R&S	ESR3	102051	9kHz~3.6GHz	29/May/2020	28/May/2021

**Instrument for Radiated Test (Co-location)**

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	1GHz~18GHz 3m	18/Mar/2021	17/Mar/2022
EXA Signal Analyzer	KEYSIGHT	N9010A	MY54200885	10Hz~44GHz	11/Aug/2020	10/Aug/2021
Microwave Preamplifier	Agilent	8449B	3008A02096	1GHz~26.5GHz	24/Jul/2020	23/Jul/2021
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA9120 D 1534	1GHz~18GHz	28/May/2020	27/May/2021
RF CABLE 5m+3m+1m	HUBER+SUHNER	SUCOFLEX104	SN MY25918/4+ SN MY39478/4 + SN 324530/4	1GHz~40GHz	15/Aug/2020	14/Aug/2021
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	15GHz~40GHz	11/Mar/2021	10/Mar/2022
Microwave Preamplifier	EMC INSTRUMENTS	EM18G40G	060604	18GHz ~ 40GHz	09/Mar/2021	08/Mar/2022



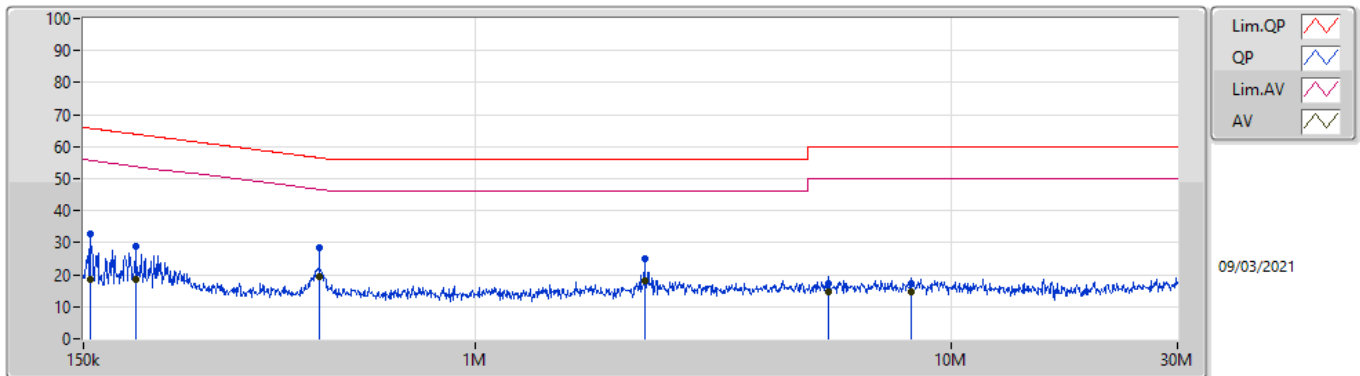
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	471.701k	19.50	46.48	-26.98	Line

Mode Configure

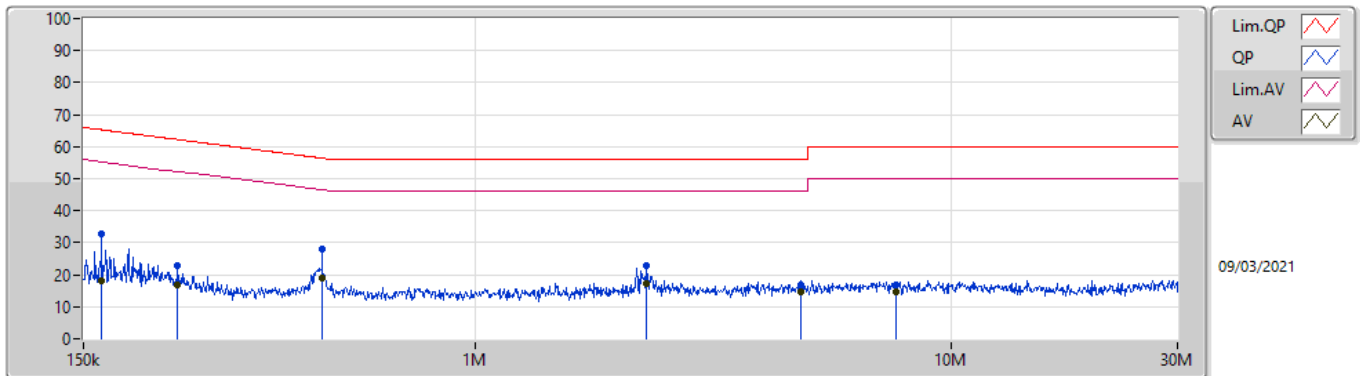
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	155.487k	32.95	65.69	-32.74	Line	-
Mode 1	Pass	AV	155.487k	18.38	55.69	-37.31	Line	-
Mode 1	Pass	QP	192.892k	29.03	63.92	-34.89	Line	-
Mode 1	Pass	AV	192.892k	18.41	53.92	-35.51	Line	-
Mode 1	Pass	QP	471.701k	28.43	56.48	-28.05	Line	-
Mode 1	Pass	AV	471.701k	19.50	46.48	-26.98	Line	-
Mode 1	Pass	QP	2.274M	24.92	56.00	-31.08	Line	-
Mode 1	Pass	AV	2.274M	17.99	46.00	-28.01	Line	-
Mode 1	Pass	QP	5.538M	17.04	60.00	-42.96	Line	-
Mode 1	Pass	AV	5.538M	14.65	50.00	-35.35	Line	-
Mode 1	Pass	QP	8.255M	17.09	60.00	-42.91	Line	-
Mode 1	Pass	AV	8.255M	14.74	50.00	-35.26	Line	-
Mode 1	Pass	QP	163.769k	32.58	65.27	-32.69	Neutral	-
Mode 1	Pass	AV	163.769k	18.14	55.27	-37.13	Neutral	-
Mode 1	Pass	QP	236.447k	22.71	62.21	-39.50	Neutral	-
Mode 1	Pass	AV	236.447k	17.00	52.21	-35.21	Neutral	-
Mode 1	Pass	QP	475.482k	27.96	56.42	-28.46	Neutral	-
Mode 1	Pass	AV	475.482k	19.07	46.42	-27.35	Neutral	-
Mode 1	Pass	QP	2.292M	22.75	56.00	-33.25	Neutral	-
Mode 1	Pass	AV	2.292M	17.08	46.00	-28.92	Neutral	-
Mode 1	Pass	QP	4.855M	16.61	56.00	-39.39	Neutral	-
Mode 1	Pass	AV	4.855M	14.46	46.00	-31.54	Neutral	-
Mode 1	Pass	QP	7.683M	16.94	60.00	-43.06	Neutral	-
Mode 1	Pass	AV	7.683M	14.68	50.00	-35.32	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	155.487k	32.95	65.69	-32.74	19.63	Line	-	13.32	9.69	0.04	9.90
AV	155.487k	18.38	55.69	-37.31	19.63	Line	-	-1.25	9.69	0.04	9.90
QP	192.892k	29.03	63.92	-34.89	19.62	Line	-	9.41	9.68	0.04	9.90
AV	192.892k	18.41	53.92	-35.51	19.62	Line	-	-1.21	9.68	0.04	9.90
QP	471.701k	28.43	56.48	-28.05	19.61	Line	-	8.82	9.67	0.06	9.88
AV	471.701k	19.50	46.48	-26.98	19.61	Line	-	-0.11	9.67	0.06	9.88
QP	2.274M	24.92	56.00	-31.08	19.61	Line	-	5.31	9.68	0.11	9.82
AV	2.274M	17.99	46.00	-28.01	19.61	Line	-	-1.62	9.68	0.11	9.82
QP	5.538M	17.04	60.00	-42.96	19.76	Line	-	-2.72	9.70	0.16	9.90
AV	5.538M	14.65	50.00	-35.35	19.76	Line	-	-5.11	9.70	0.16	9.90
QP	8.255M	17.09	60.00	-42.91	19.80	Line	-	-2.71	9.71	0.19	9.90
AV	8.255M	14.74	50.00	-35.26	19.80	Line	-	-5.06	9.71	0.19	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	163.769k	32.58	65.27	-32.69	19.63	Neutral	-	12.95	9.69	0.04	9.90
AV	163.769k	18.14	55.27	-37.13	19.63	Neutral	-	-1.49	9.69	0.04	9.90
QP	236.447k	22.71	62.21	-39.50	19.62	Neutral	-	3.09	9.68	0.04	9.90
AV	236.447k	17.00	52.21	-35.21	19.62	Neutral	-	-2.62	9.68	0.04	9.90
QP	475.482k	27.96	56.42	-28.46	19.61	Neutral	-	8.35	9.67	0.06	9.88
AV	475.482k	19.07	46.42	-27.35	19.61	Neutral	-	-0.54	9.67	0.06	9.88
QP	2.292M	22.75	56.00	-33.25	19.61	Neutral	-	3.14	9.68	0.11	9.82
AV	2.292M	17.08	46.00	-28.92	19.61	Neutral	-	-2.53	9.68	0.11	9.82
QP	4.855M	16.61	56.00	-39.39	19.75	Neutral	-	-3.14	9.70	0.15	9.90
AV	4.855M	14.46	46.00	-31.54	19.75	Neutral	-	-5.29	9.70	0.15	9.90
QP	7.683M	16.94	60.00	-43.06	19.80	Neutral	-	-2.86	9.72	0.18	9.90
AV	7.683M	14.68	50.00	-35.32	19.80	Neutral	-	-5.12	9.72	0.18	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)_2TX	10.1M	13.883M	13M9G1D	10.1M	13.734M
802.11g_Nss1,(6Mbps)_2TX	15.675M	25.947M	25M9D1D	15.4M	16.402M
VHT20_Nss1,(MCS0)_2TX	17.5M	25.395M	25M4D1D	16.525M	17.572M
VHT40_Nss1,(MCS0)_2TX	26.65M	36.372M	36M4D1D	24.65M	34.907M

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)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	10.1M	13.804M	10.1M	13.815M
2437MHz	Pass	500k	10.1M	13.825M	10.1M	13.883M
2462MHz	Pass	500k	10.1M	13.734M	10.1M	13.779M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	15.675M	16.402M	15.4M	16.517M
2437MHz	Pass	500k	15.45M	23.609M	15.575M	25.947M
2462MHz	Pass	500k	15.65M	16.74M	15.55M	17.959M
VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	16.775M	17.572M	16.775M	17.647M
2437MHz	Pass	500k	17.5M	22.898M	17.175M	25.395M
2462MHz	Pass	500k	16.775M	17.614M	16.525M	17.708M
VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	25.9M	34.907M	24.65M	34.929M
2437MHz	Pass	500k	26.5M	35.803M	26.65M	36.372M
2452MHz	Pass	500k	25M	35.015M	25.5M	35.094M

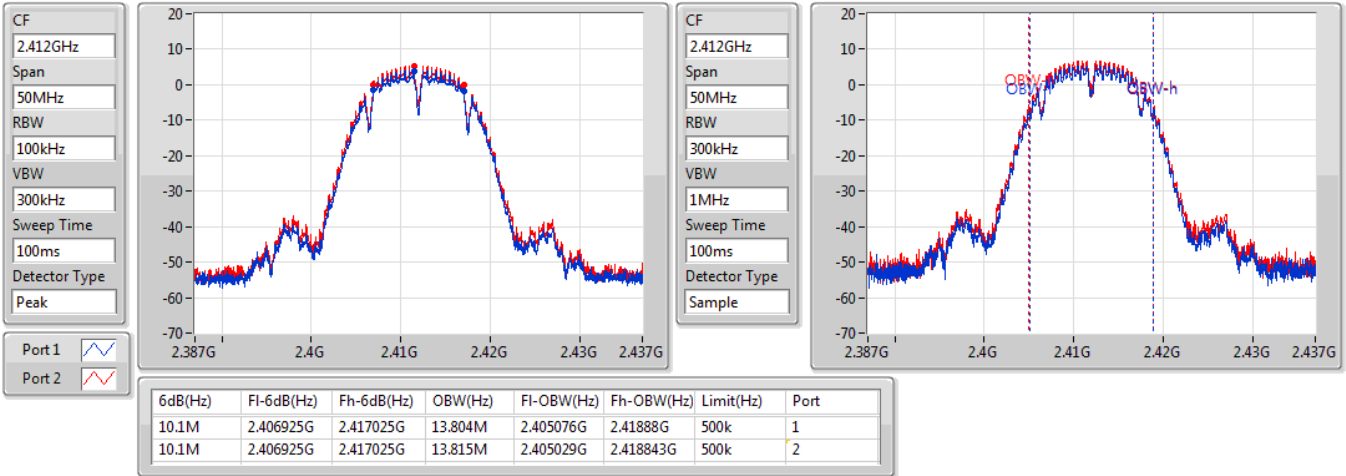
Port X-N dB = Port X 6dB down bandwidth;
 Port X-OBW = Port X 99% occupied bandwidth

802.11b_Nss1,(1Mbps)_2TX

EBW

2412MHz

24/02/2021

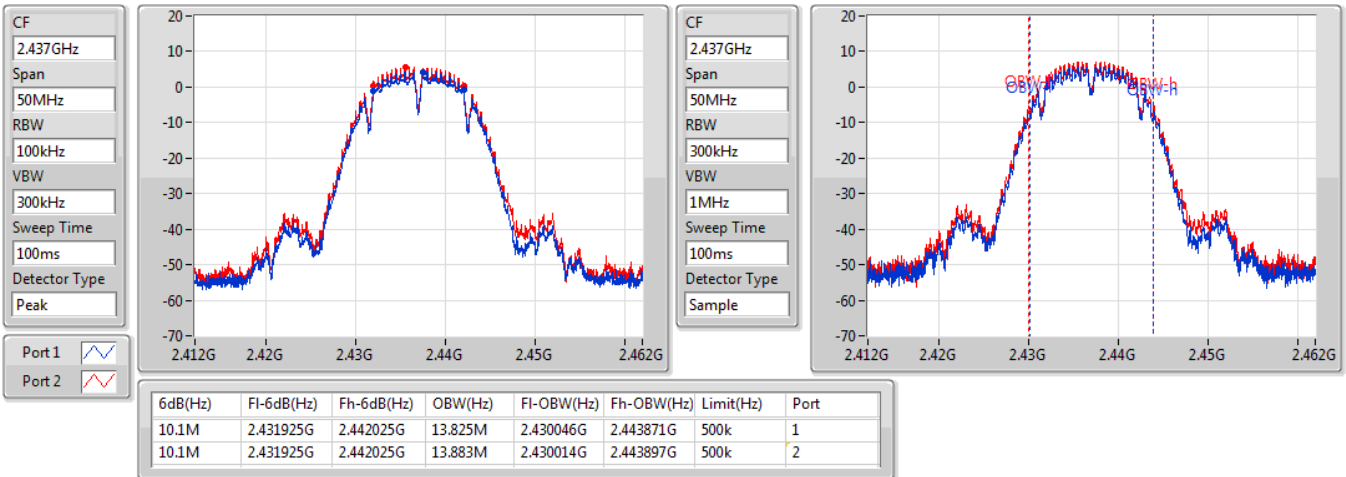


802.11b_Nss1,(1Mbps)_2TX

EBW

2437MHz

24/02/2021

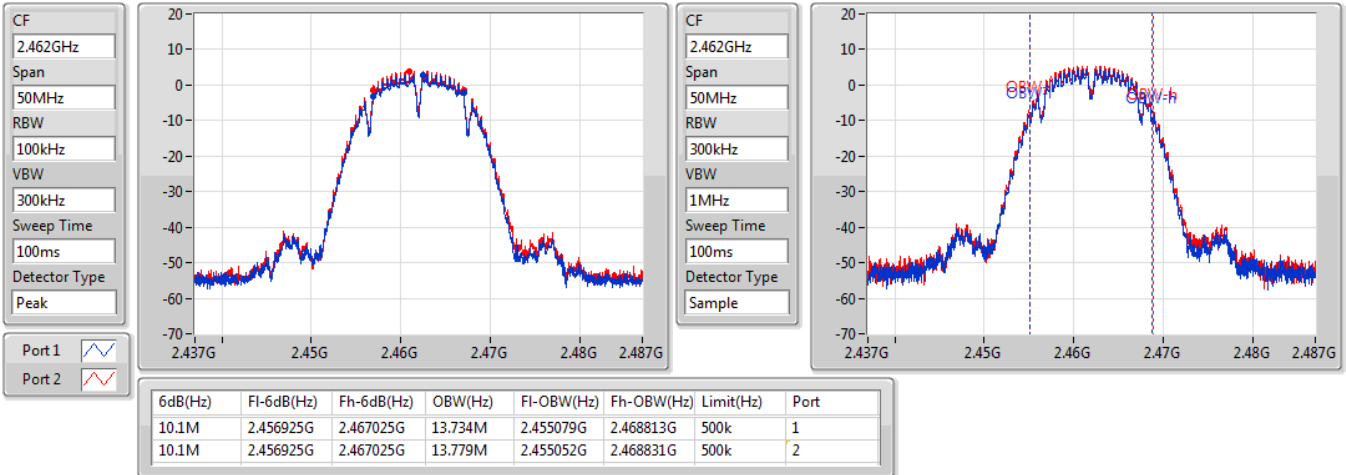


802.11b_Nss1,(1Mbps)_2TX

EBW

2462MHz

24/02/2021

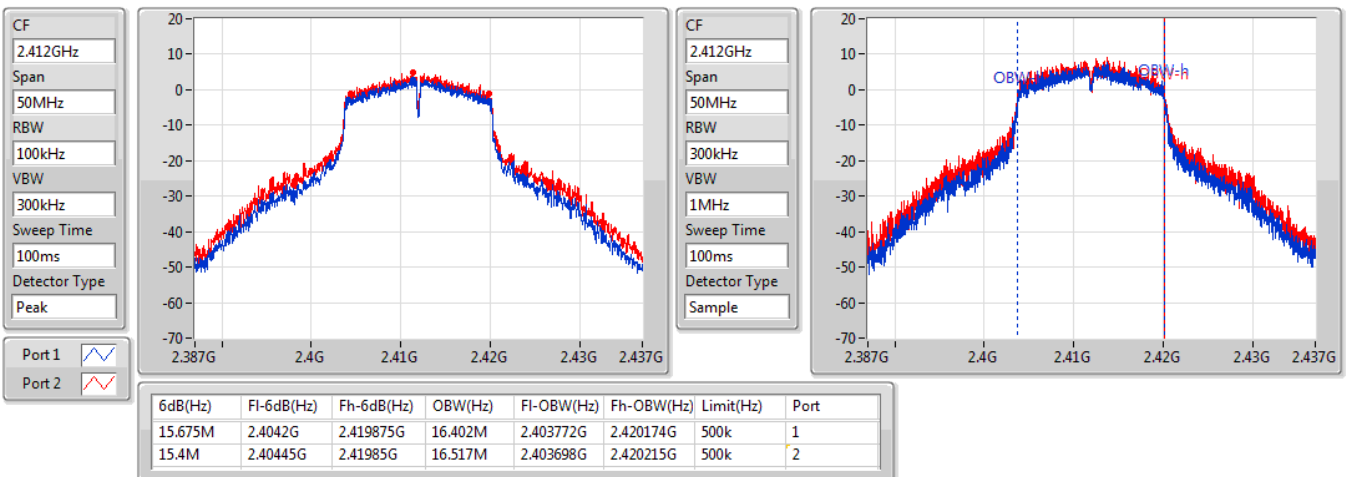


802.11g_Nss1,(6Mbps)_2TX

EBW

2412MHz

24/02/2021



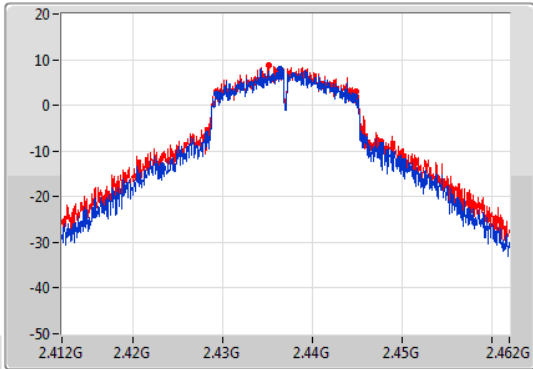
802.11g_Nss1,(6Mbps)_2TX

EBW

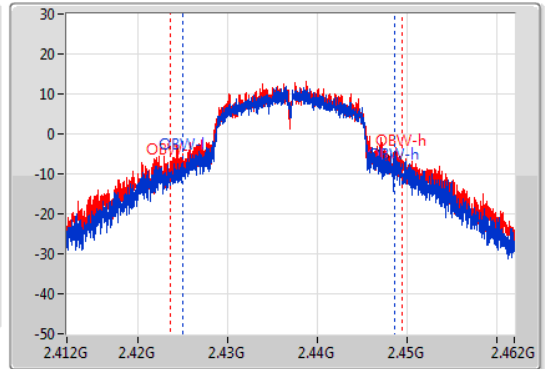
2437MHz

24/02/2021

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



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.45M	2.4293G	2.44475G	23.609M	2.424951G	2.44856G	500k	1
15.575M	2.4293G	2.444875G	25.947M	2.423554G	2.449501G	500k	2

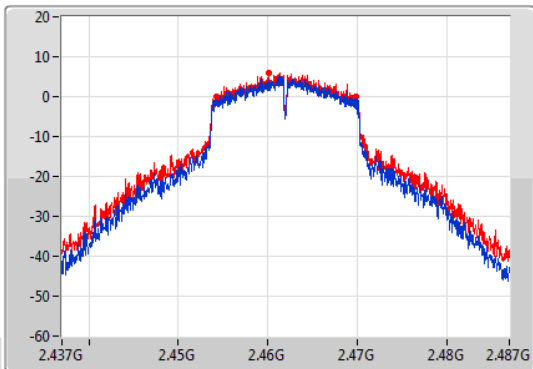
802.11g_Nss1,(6Mbps)_2TX

EBW

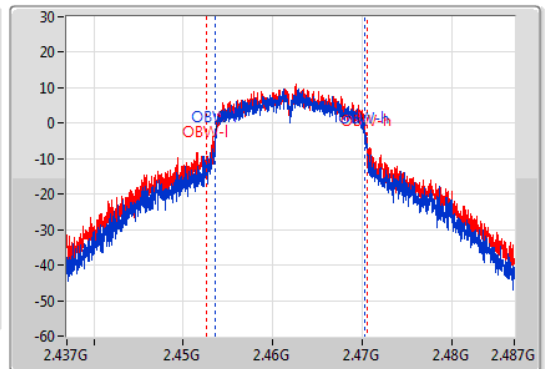
2462MHz

24/02/2021

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



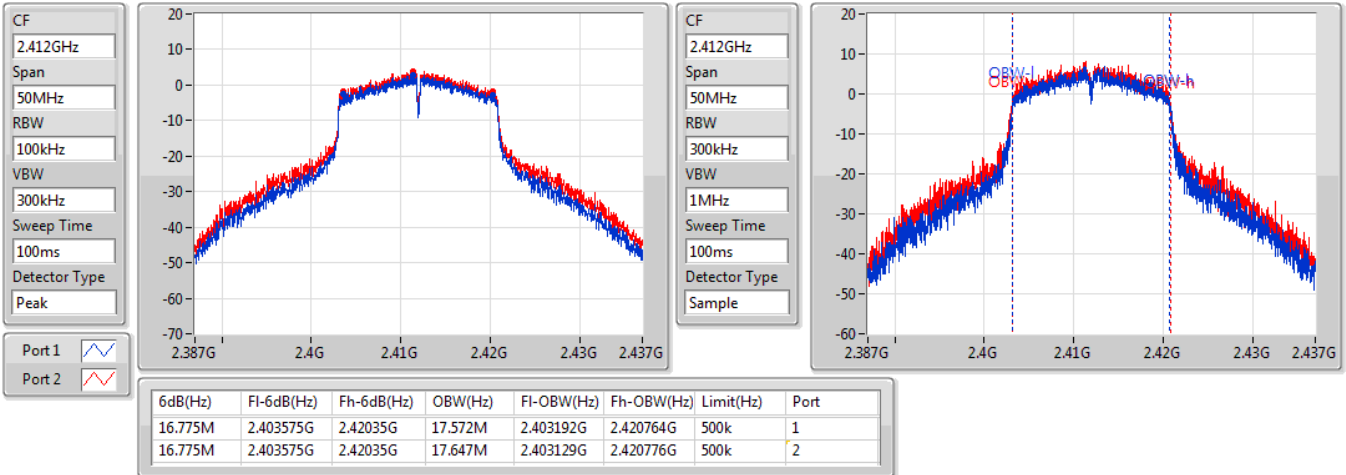
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.65M	2.4542G	2.46985G	16.74M	2.453581G	2.470321G	500k	1
15.55M	2.4543G	2.46985G	17.959M	2.452608G	2.470567G	500k	2

VHT20_Nss1,(MCS0)_2TX

EBW

2412MHz

24/02/2021

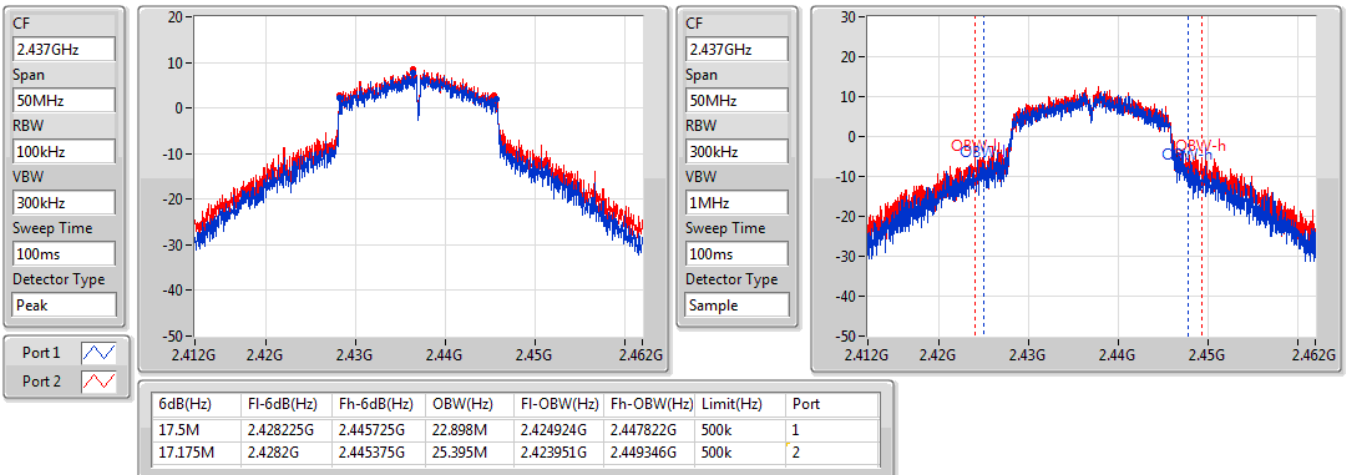


VHT20_Nss1,(MCS0)_2TX

EBW

2437MHz

24/02/2021



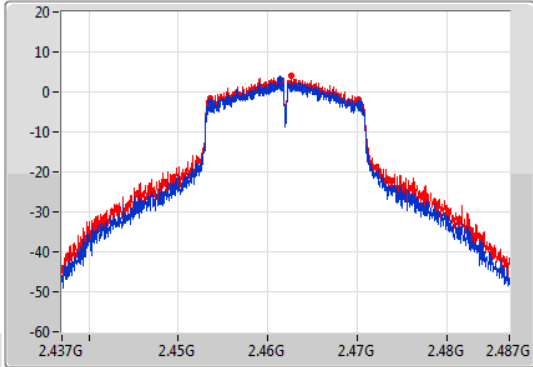
VHT20_Nss1,(MCS0)_2TX

EBW

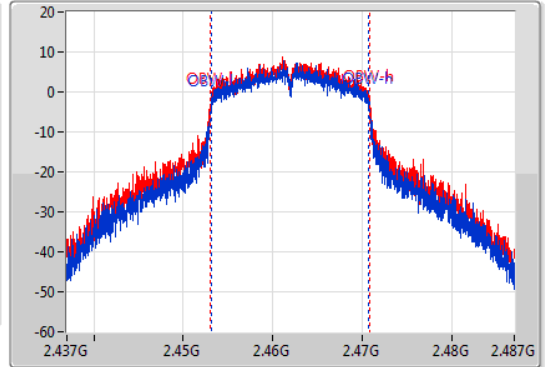
2462MHz

24/02/2021

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



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.775M	2.453575G	2.47035G	17.614M	2.453158G	2.470772G	500k	1
16.525M	2.453575G	2.4701G	17.708M	2.453084G	2.470792G	500k	2

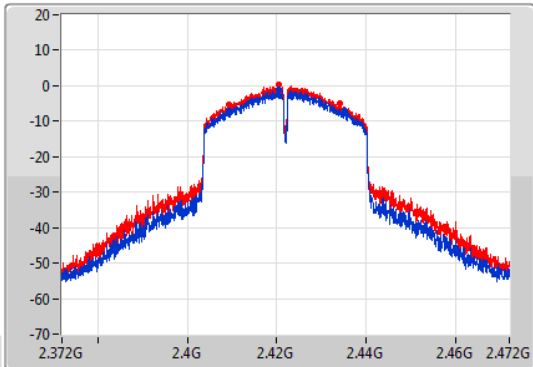
VHT40_Nss1,(MCS0)_2TX

EBW

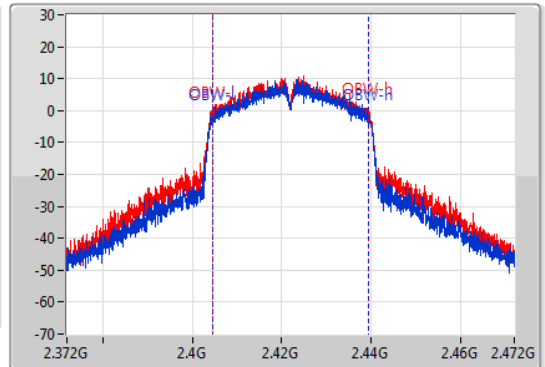
2422MHz

24/02/2021

CF
2.422GHz
Span
100MHz
RBW
100kHz
VBW
300kHz
Sweep Time
100ms
Detector Type
Peak



CF
2.422GHz
Span
100MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Sample



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
25.9M	2.40945G	2.43535G	34.907M	2.404565G	2.439473G	500k	1
24.65M	2.40945G	2.4341G	34.929M	2.404471G	2.4394G	500k	2

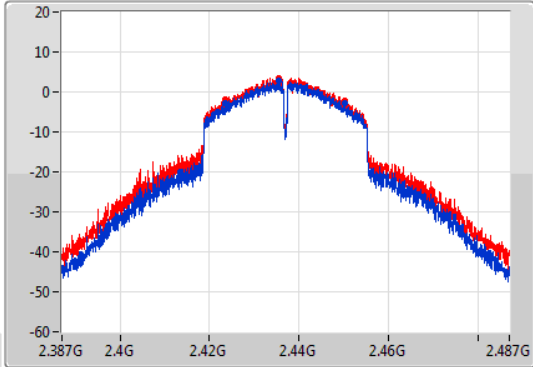
VHT40_Nss1,(MCS0)_2TX

EBW

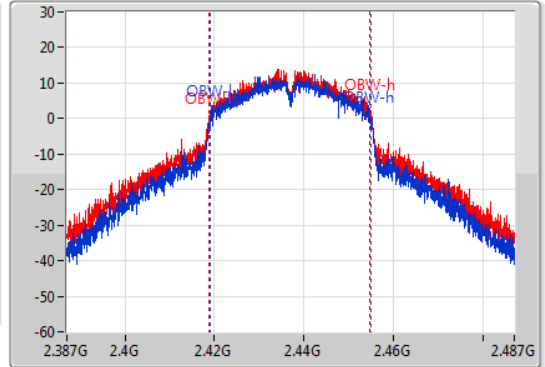
2437MHz

24/02/2021

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



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
26.5M	2.4236G	2.4501G	35.803M	2.419007G	2.454809G	500k	1
26.65M	2.42345G	2.4501G	36.372M	2.418649G	2.455021G	500k	2

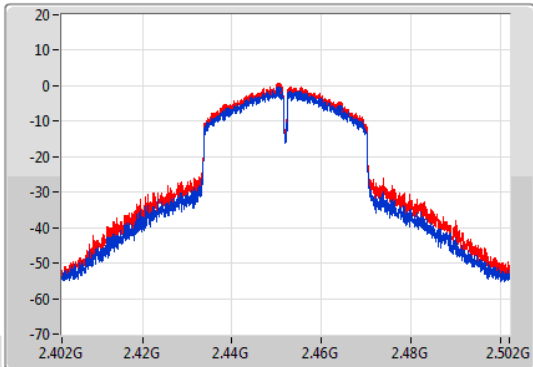
VHT40_Nss1,(MCS0)_2TX

EBW

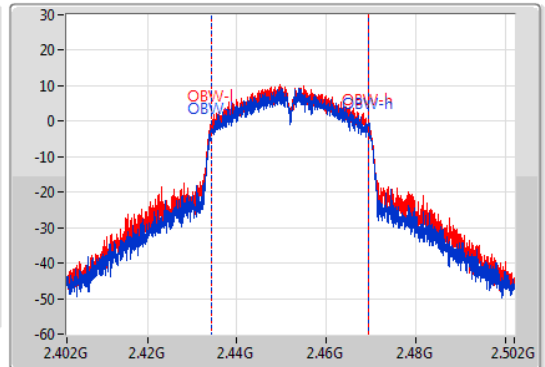
2452MHz

24/02/2021

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



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
25M	2.4391G	2.4641G	35.015M	2.434421G	2.469437G	500k	1
25.5M	2.4386G	2.4641G	35.094M	2.434361G	2.469456G	500k	2



Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_2TX	18.55	0.07161
802.11g_Nss1,(6Mbps)_2TX	23.56	0.22699
VHT20_Nss1,(MCS0)_2TX	23.18	0.20797
VHT40_Nss1,(MCS0)_2TX	21.37	0.13709



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	2.80	14.48	15.71	18.15	30.00
2417MHz	Pass	2.80	14.52	15.72	18.17	30.00
2437MHz	Pass	2.80	14.89	16.11	18.55	30.00
2457MHz	Pass	2.80	13.28	14.40	16.89	30.00
2462MHz	Pass	2.80	13.43	14.43	16.97	30.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	2.80	15.77	16.97	19.42	30.00
2417MHz	Pass	2.80	19.60	20.34	23.00	30.00
2437MHz	Pass	2.80	20.27	20.81	23.56	30.00
2457MHz	Pass	2.80	19.32	19.94	22.65	30.00
2462MHz	Pass	2.80	17.38	18.27	20.86	30.00
VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	2.80	15.46	16.62	19.09	30.00
2417MHz	Pass	2.80	17.83	18.86	21.39	30.00
2437MHz	Pass	2.80	19.84	20.48	23.18	30.00
2457MHz	Pass	2.80	18.11	18.91	21.54	30.00
2462MHz	Pass	2.80	15.71	16.67	19.23	30.00
VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	2.80	13.97	15.28	17.68	30.00
2427MHz	Pass	2.80	14.81	16.01	18.46	30.00
2437MHz	Pass	2.80	17.90	18.77	21.37	30.00
2447MHz	Pass	2.80	16.09	17.14	19.66	30.00
2452MHz	Pass	2.80	14.14	15.22	17.72	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)_2TX	20.17	0.10399
VHT40-BF_Nss1,(MCS0)_2TX	18.36	0.06855



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.81	12.45	13.61	16.08	30.00
2417MHz	Pass	5.81	14.82	15.85	18.38	30.00
2437MHz	Pass	5.81	16.83	17.47	20.17	30.00
2457MHz	Pass	5.81	15.10	15.90	18.53	30.00
2462MHz	Pass	5.81	12.70	13.66	16.22	30.00
VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	5.81	10.96	12.27	14.67	30.00
2427MHz	Pass	5.81	11.80	13.00	15.45	30.00
2437MHz	Pass	5.81	14.89	15.76	18.36	30.00
2447MHz	Pass	5.81	13.08	14.13	16.65	30.00
2452MHz	Pass	5.81	11.13	12.21	14.71	30.00

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



Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_2TX	-12.60
802.11g_Nss1,(6Mbps)_2TX	-4.34
VHT20_Nss1,(MCS0)_2TX	-4.22
VHT40_Nss1,(MCS0)_2TX	-7.53

RBW = 3kHz;



Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.81	-16.77	-15.34	-13.00	8.00
2437MHz	Pass	5.81	-16.23	-14.98	-12.60	8.00
2462MHz	Pass	5.81	-17.72	-16.68	-14.17	8.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.81	-11.74	-10.51	-8.51	8.00
2437MHz	Pass	5.81	-7.28	-6.74	-4.34	8.00
2462MHz	Pass	5.81	-10.43	-9.41	-7.20	8.00
VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.81	-11.61	-10.83	-8.41	8.00
2437MHz	Pass	5.81	-7.46	-6.49	-4.22	8.00
2462MHz	Pass	5.81	-11.41	-10.02	-7.65	8.00
VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	5.81	-14.34	-11.73	-10.28	8.00
2437MHz	Pass	5.81	-9.96	-9.95	-7.53	8.00
2452MHz	Pass	5.81	-14.04	-13.12	-10.62	8.00

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)_2TX

PSD

2412MHz

24/02/2021

CF
2.412GHz

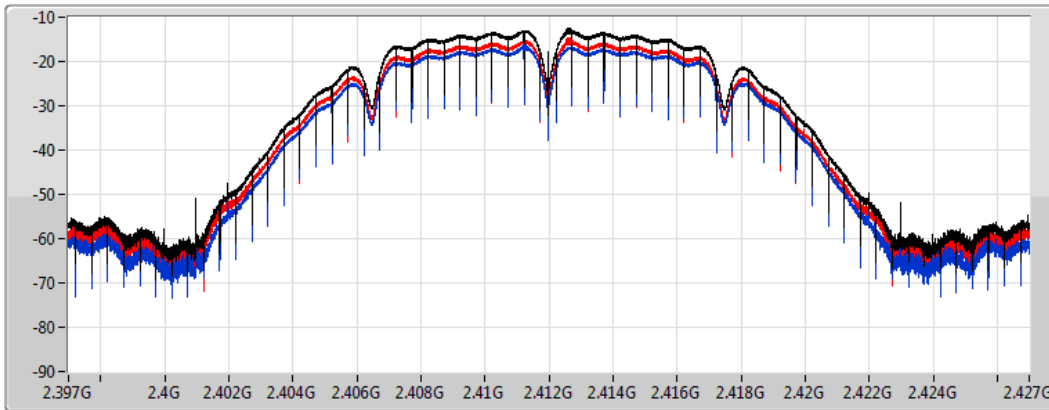
Span
30MHz


RBW
3kHz


VBW
10kHz


Sweep Time
953.6ms

Detector Type
Peak



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-13.00	-13.00	-16.77	-15.34

802.11b_Nss1,(1Mbps)_2TX

PSD

2437MHz

24/02/2021

CF
2.437GHz

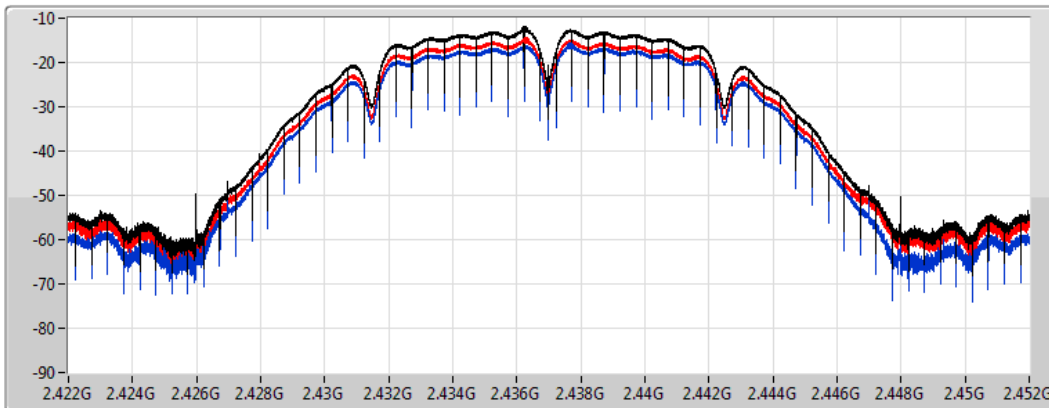
Span
30MHz


RBW
3kHz


VBW
10kHz


Sweep Time
953.6ms

Detector Type
Peak



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-12.60	-12.60	-16.23	-14.98

802.11b_Nss1,(1Mbps)_2TX

PSD

2462MHz

24/02/2021

CF
2.462GHz

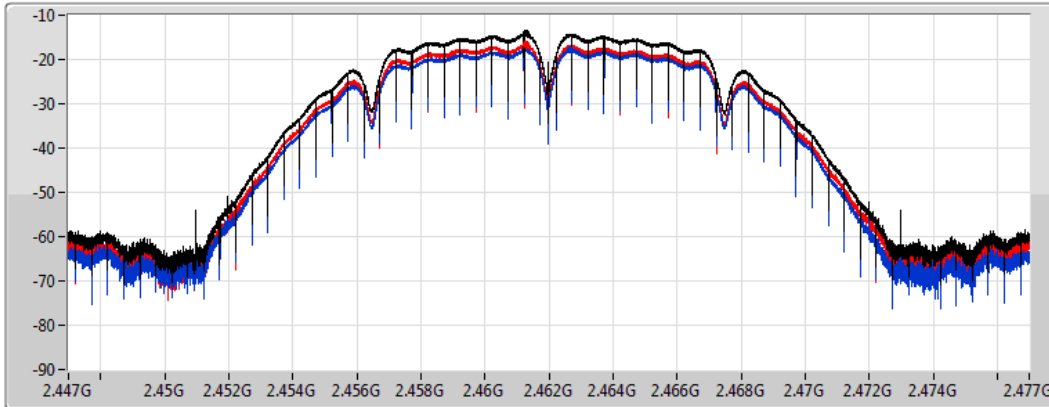
Span
30MHz

RBW
3kHz

VBW
10kHz

Sweep Time
953.6ms

Detector Type
Peak



Sum

Port 1

Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-14.17	-14.17	-17.72	-16.68

802.11g_Nss1,(6Mbps)_2TX

PSD

2412MHz

24/02/2021

CF
2.412GHz

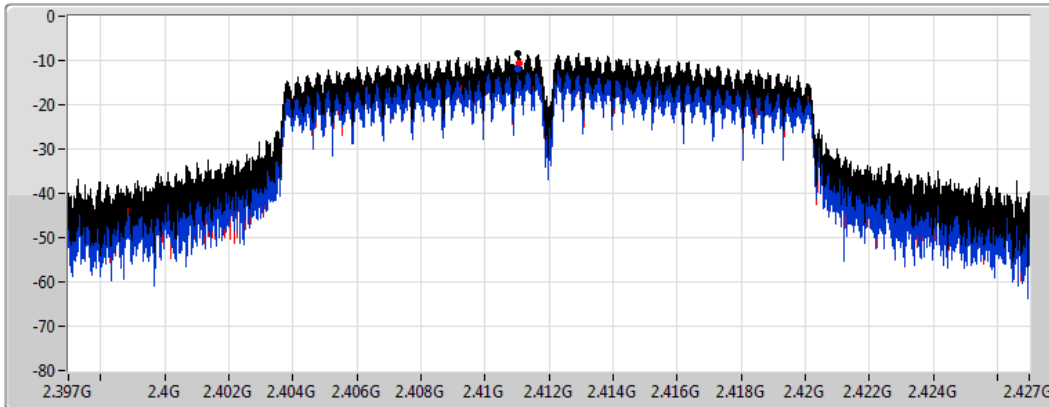
Span
30MHz

RBW
3kHz

VBW
10kHz

Sweep Time
953.6ms

Detector Type
Peak



Sum

Port 1

Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.51	-8.51	-11.74	-10.51

802.11g_Nss1,(6Mbps)_2TX

PSD

2437MHz

24/02/2021

CF
2.437GHz

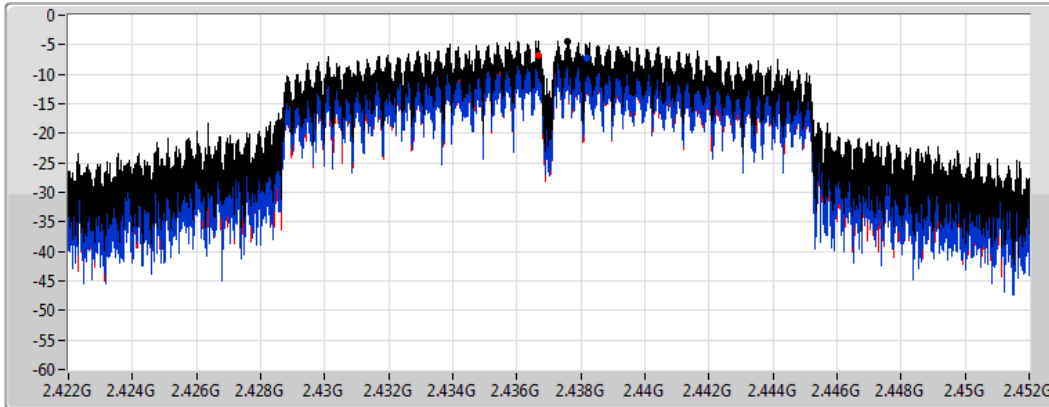
Span
30MHz


RBW
3kHz


VBW
10kHz


Sweep Time
953.6ms

Detector Type
Peak



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.34	-4.34	-7.28	-6.74

802.11g_Nss1,(6Mbps)_2TX

PSD

2462MHz

24/02/2021

CF
2.462GHz

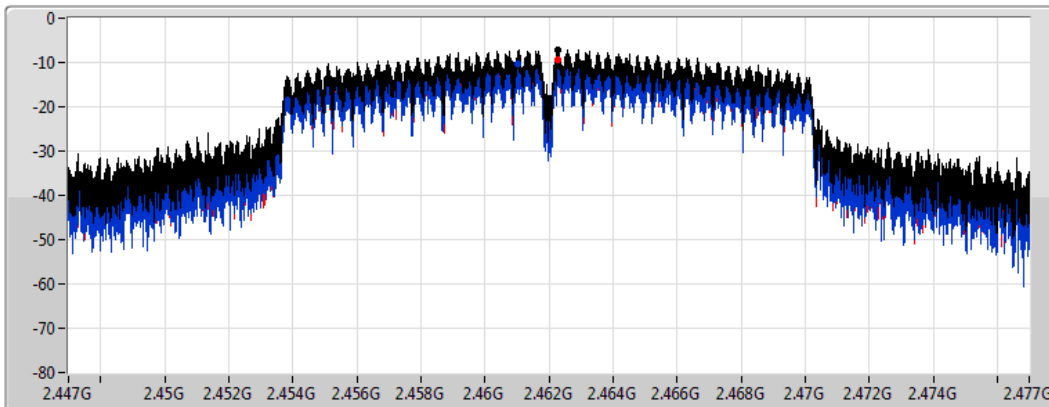
Span
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
RBW
3kHz


VBW
10kHz


Sweep Time
953.6ms

Detector Type
Peak



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.20	-7.20	-10.43	-9.41

VHT20_Nss1,(MCS0)_2TX

PSD

2412MHz

24/02/2021

CF
2.412GHz

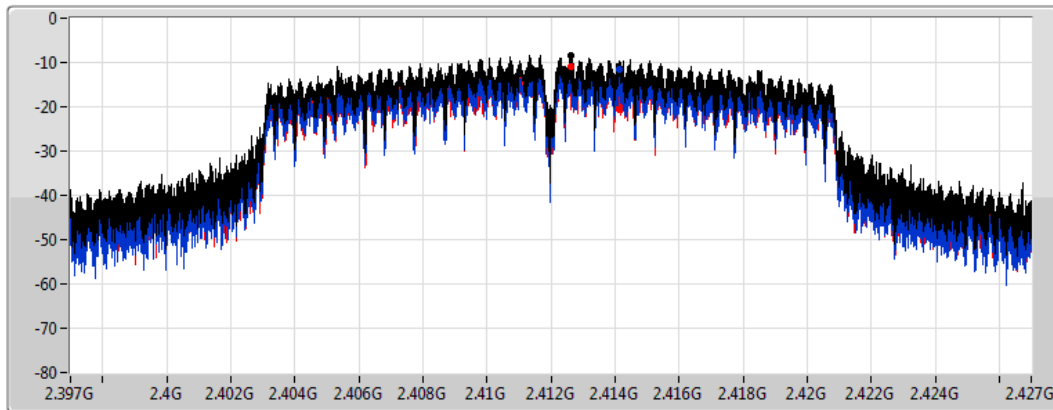
Span
30MHz


RBW
3kHz


VBW
10kHz


Sweep Time
953.6ms

Detector Type
Peak



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.41	-8.41	-11.61	-10.83

VHT20_Nss1,(MCS0)_2TX

PSD

2437MHz

24/02/2021

CF
2.437GHz

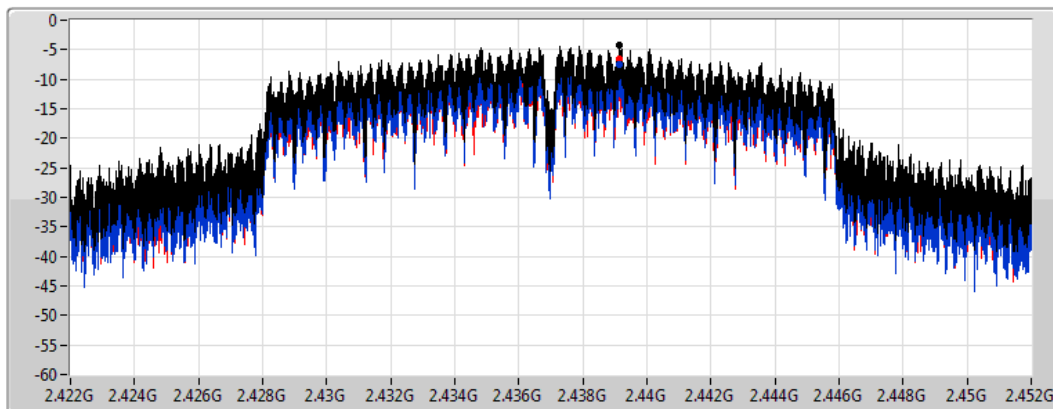
Span
30MHz


RBW
3kHz


VBW
10kHz


Sweep Time
953.6ms

Detector Type
Peak



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.22	-4.22	-7.46	-6.49

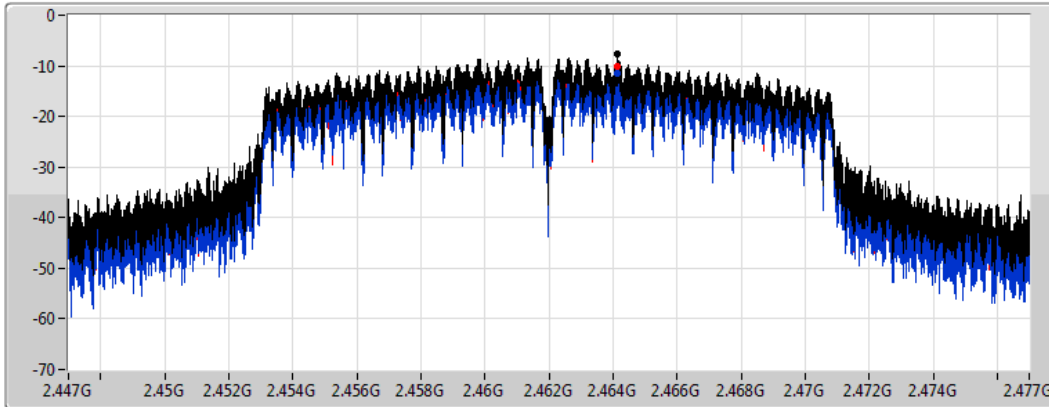
VHT20_Nss1,(MCS0)_2TX




PSD

2462MHz

24/02/2021

CF
2.462GHz
Span
30MHz
RBW
3kHz
VBW
10kHz
Sweep Time
953.6ms
Detector Type
Peak



Sum 
Port 1 
Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.65	-7.65	-11.41	-10.02

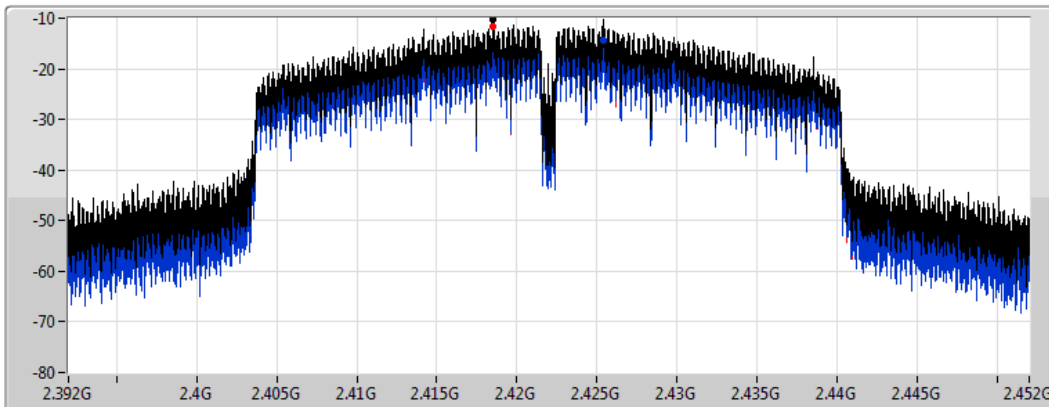
VHT40_Nss1,(MCS0)_2TX




PSD

2422MHz

24/02/2021

CF
2.422GHz
Span
60MHz
RBW
3kHz
VBW
10kHz
Sweep Time
1.905067s
Detector Type
Peak



Sum 
Port 1 
Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.28	-10.28	-14.34	-11.73

VHT40_Nss1,(MCS0)_2TX

PSD

2437MHz

24/02/2021

CF
2.437GHz

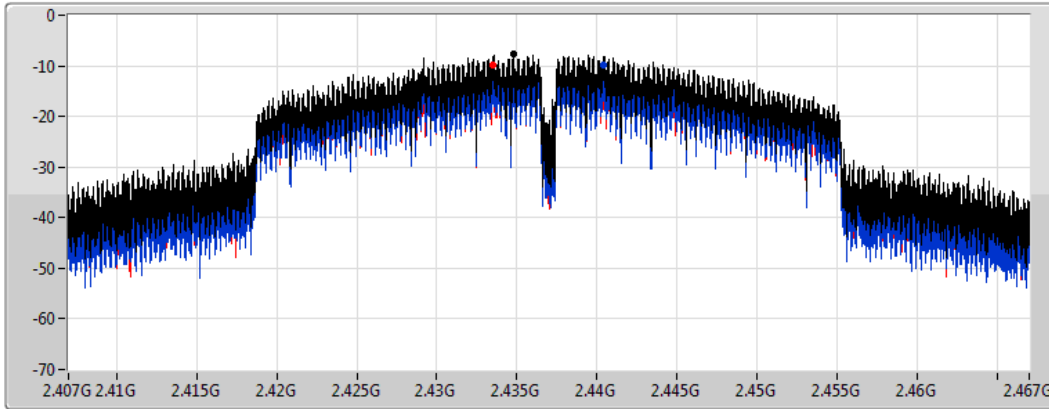
Span
60MHz


RBW
3kHz


VBW
10kHz


Sweep Time
1.905067s

Detector Type
Peak



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.53	-7.53	-9.96	-9.95

VHT40_Nss1,(MCS0)_2TX

PSD

2452MHz

24/02/2021

CF
2.452GHz

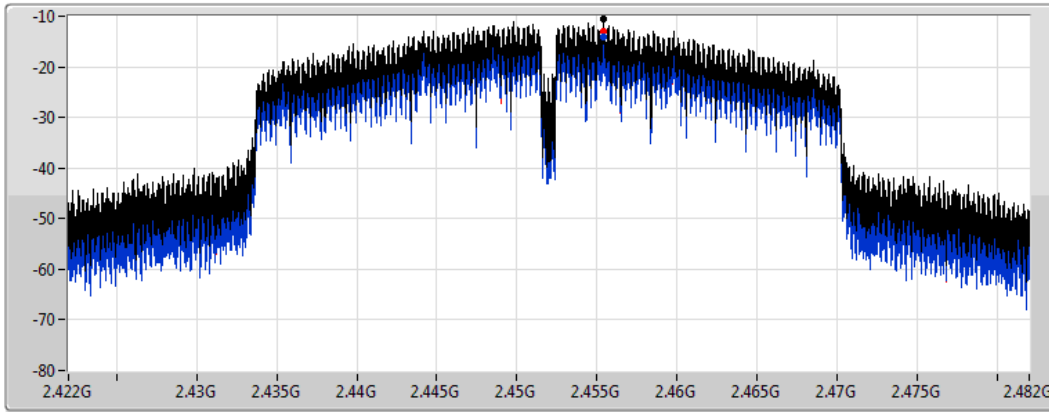
Span
60MHz


RBW
3kHz


VBW
10kHz


Sweep Time
1.905067s

Detector Type
Peak



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.62	-10.62	-14.04	-13.12



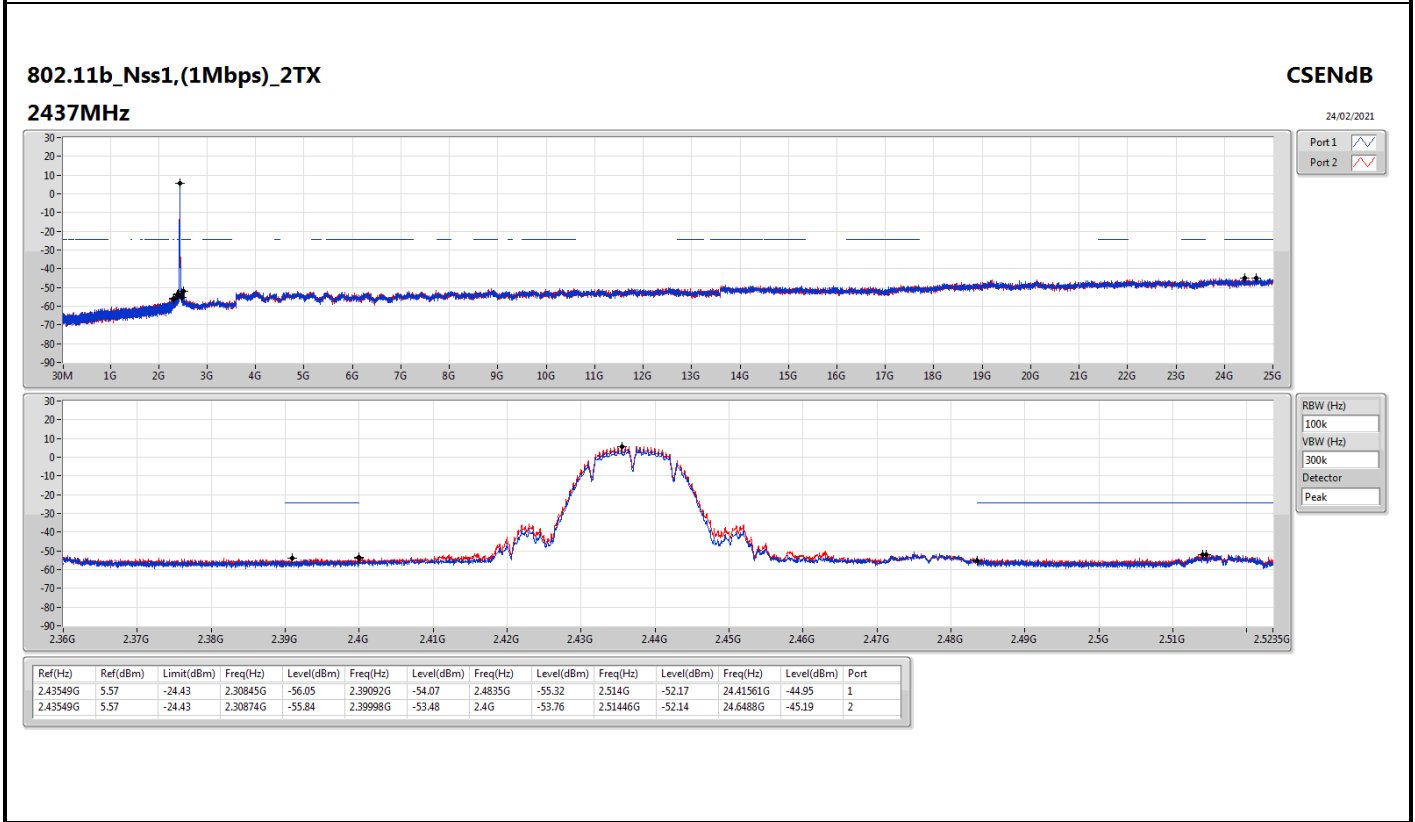
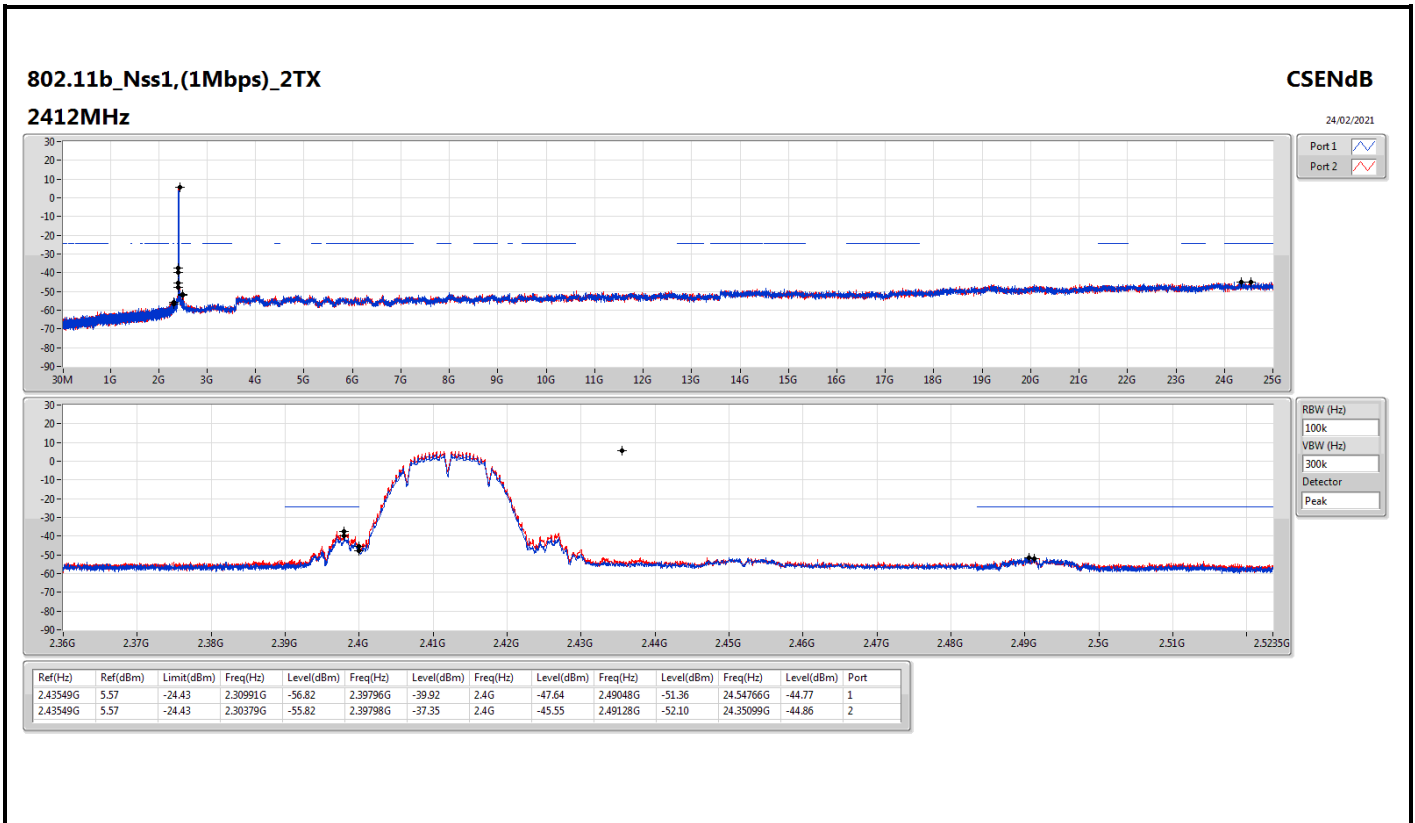
Summary

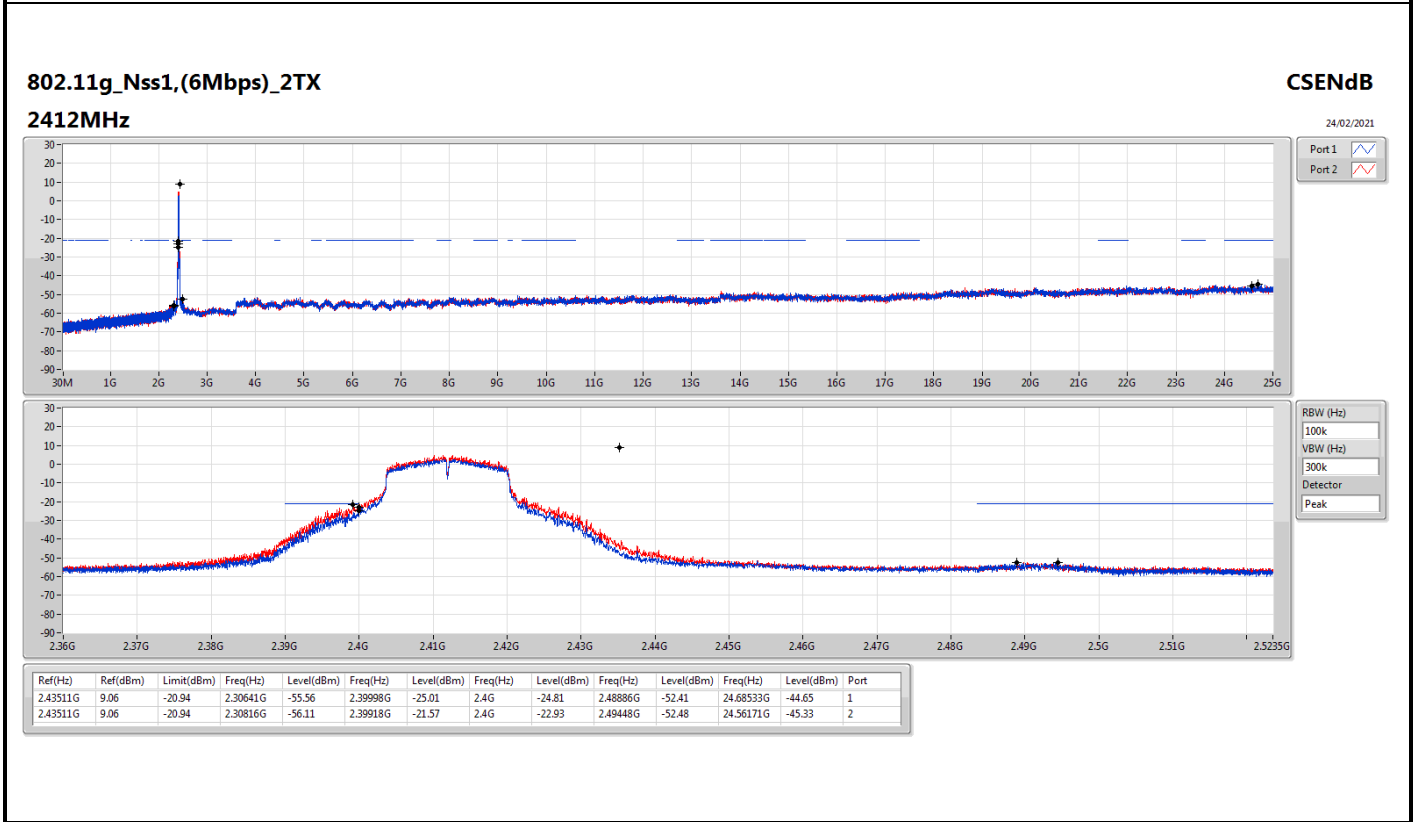
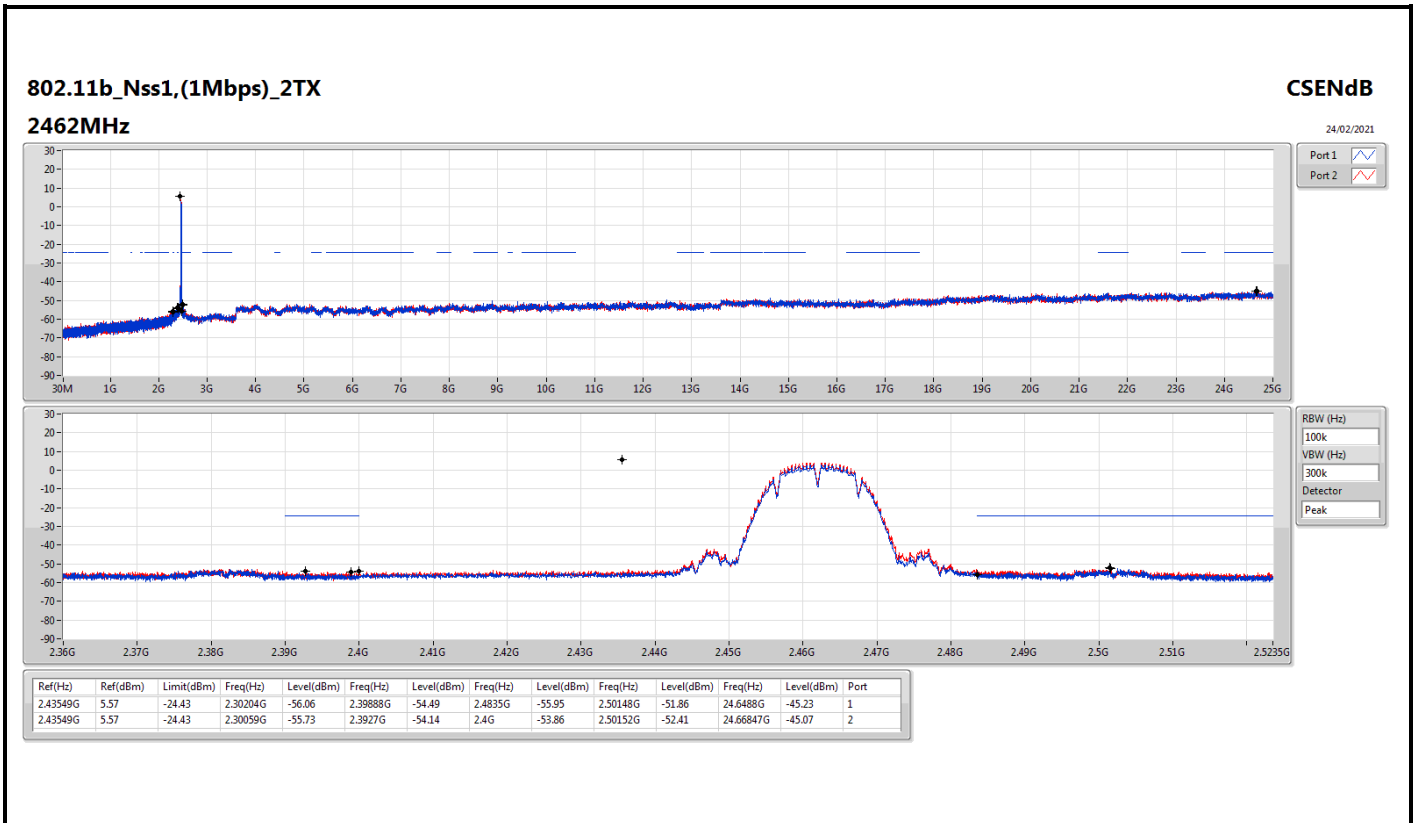
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	Pass	2.43549G	5.57	-24.43	2.30379G	-55.82	2.39798G	-37.35	2.4G	-45.55	2.49128G	-52.10	24.35099G	-44.86	2
802.11g_Nss1,(6Mbps)_2TX	Pass	2.43511G	9.06	-20.94	2.30816G	-56.11	2.39918G	-21.57	2.4G	-22.93	2.49448G	-52.48	24.56171G	-45.33	2
VHT20_Nss1,(MCS0)_2TX	Pass	2.43762G	8.10	-21.90	2.30728G	-56.22	2.39988G	-22.99	2.4G	-25.09	2.49198G	-52.43	24.94943G	-45.32	2
VHT40_Nss1,(MCS0)_2TX	Pass	2.43799G	3.38	-26.62	2.30826G	-56.05	2.39972G	-27.96	2.4G	-30.02	2.4835G	-38.10	24.45591G	-45.12	2

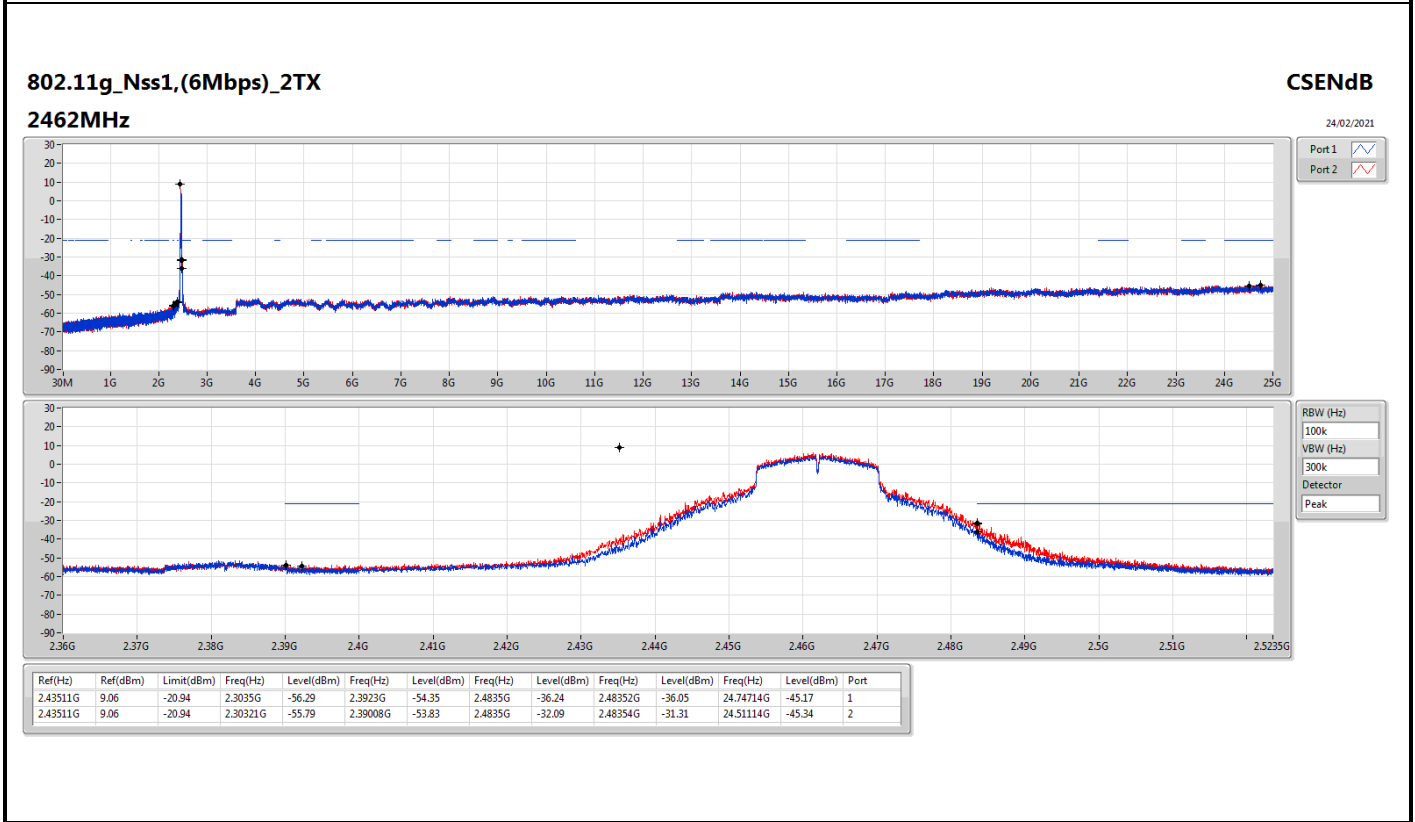
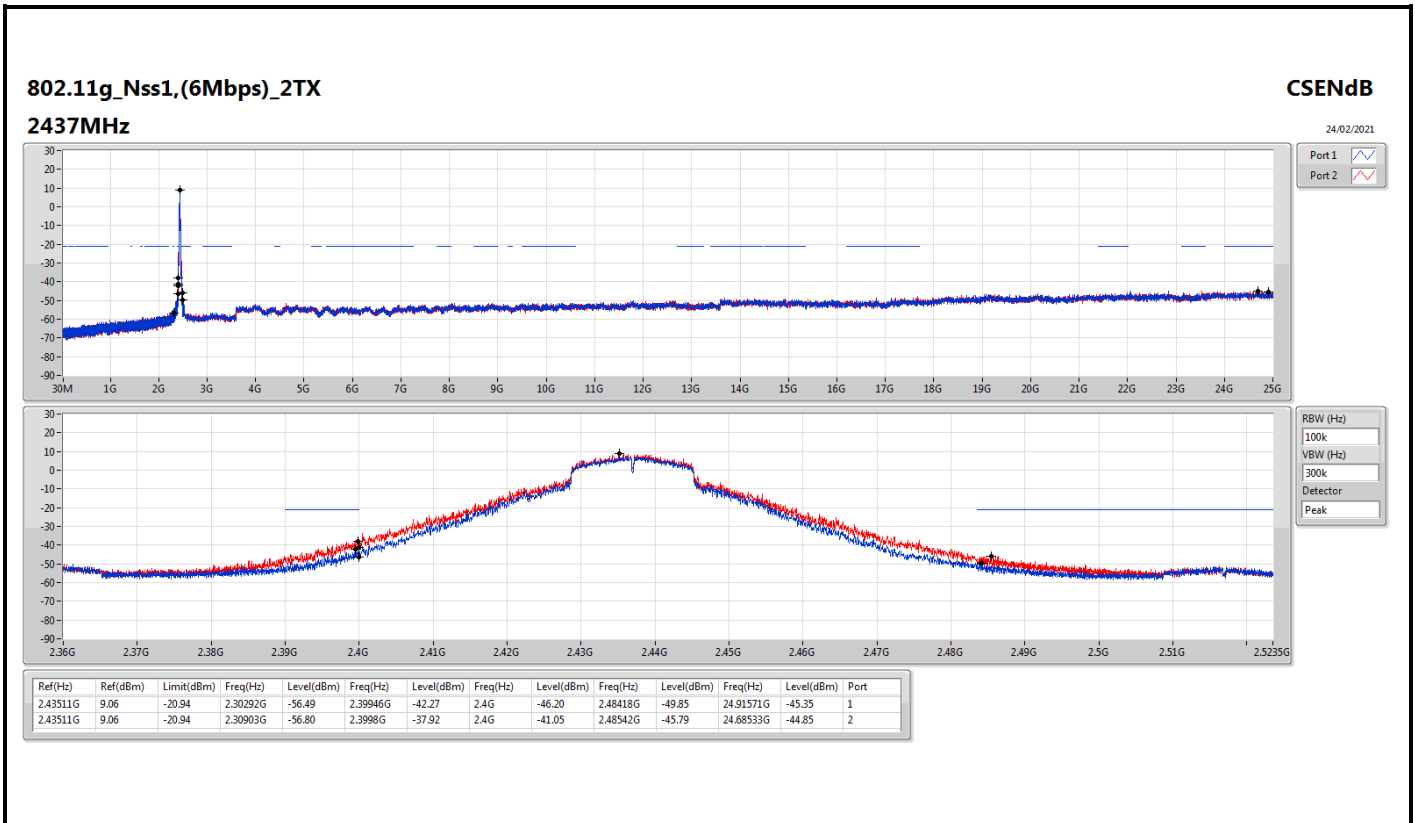


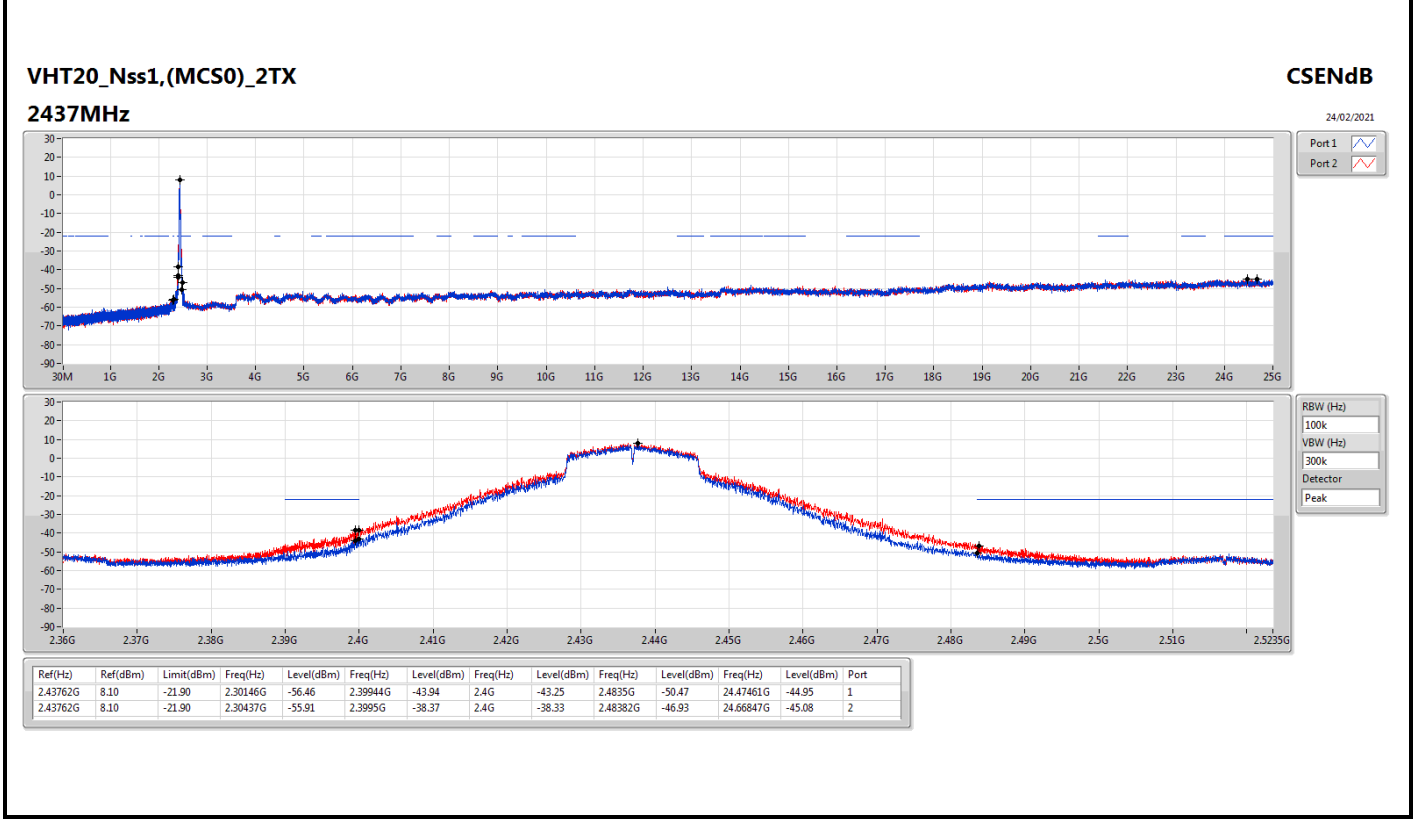
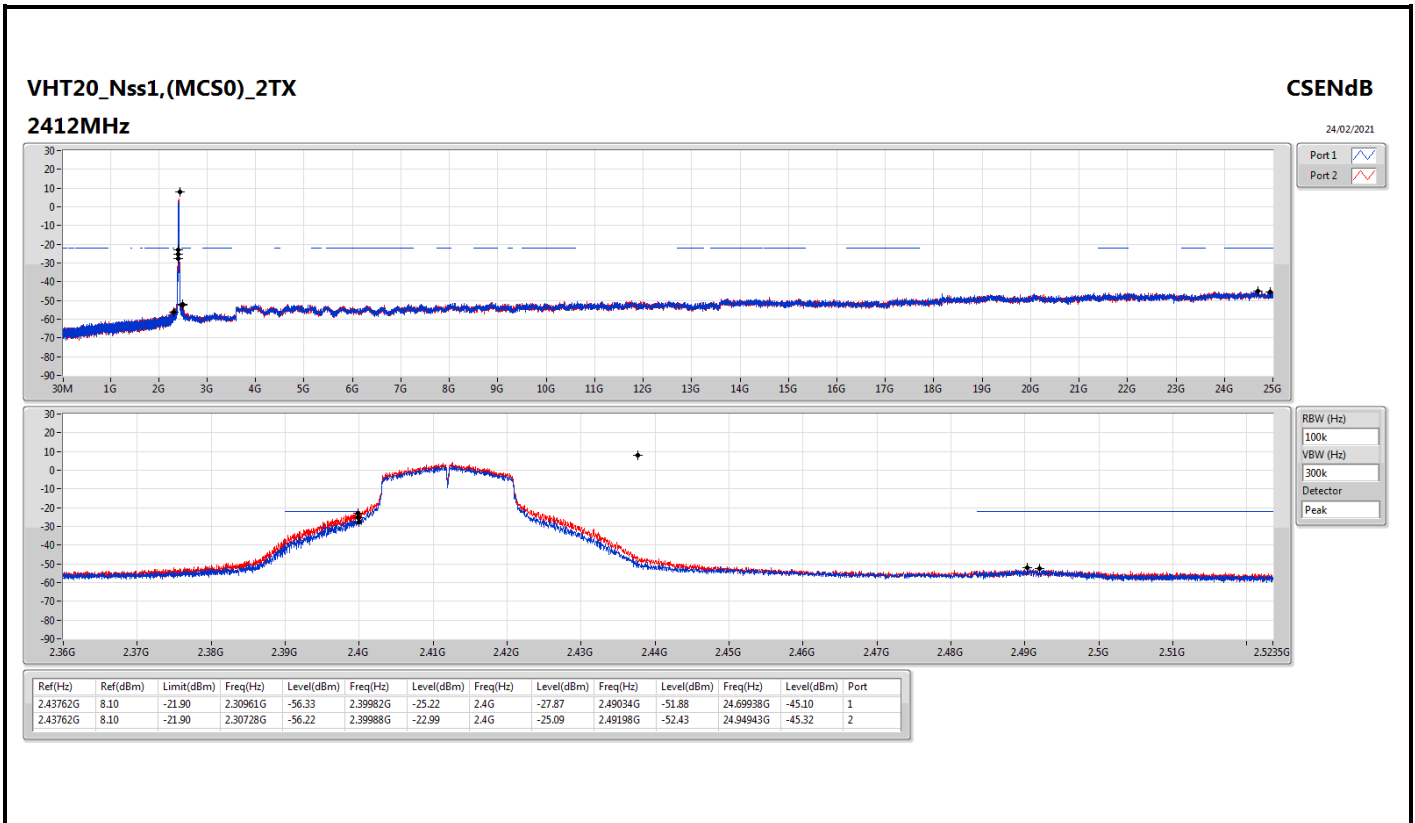
Result

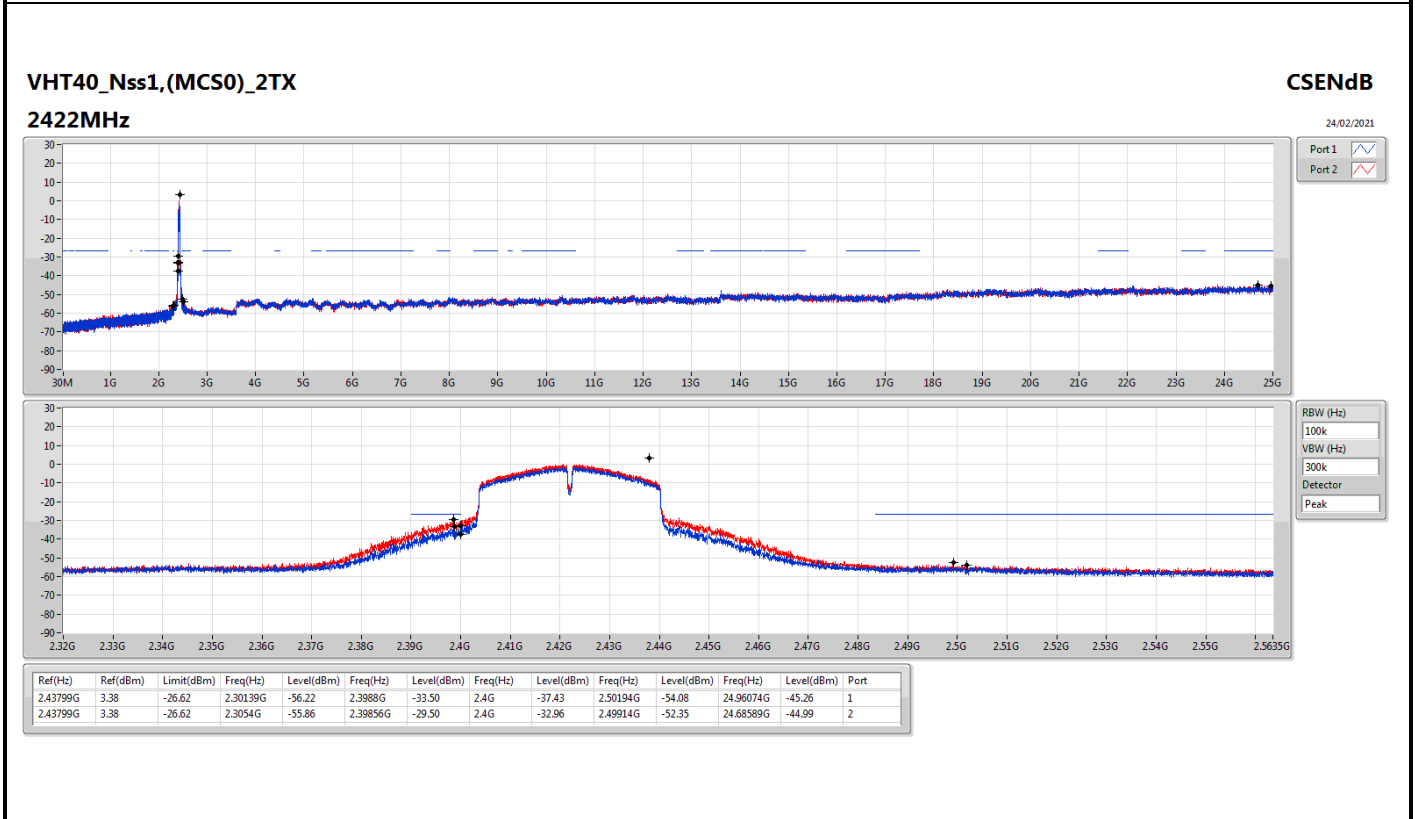
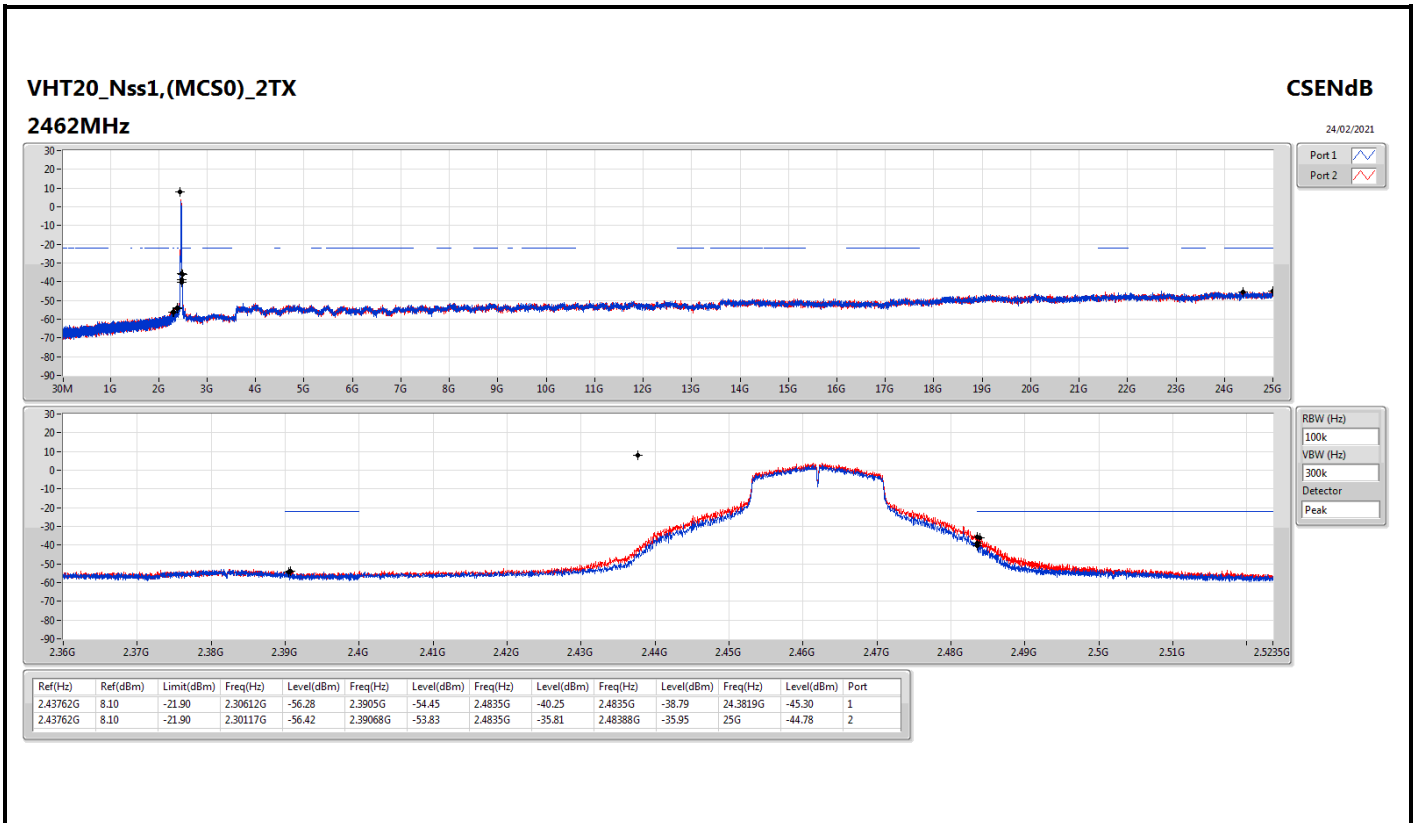
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43549G	5.57	-24.43	2.30991G	-56.82	2.39796G	-39.92	2.4G	-47.64	2.49048G	-51.36	24.54766G	-44.77	1
2412MHz	Pass	2.43549G	5.57	-24.43	2.30379G	-55.82	2.39798G	-37.35	2.4G	-45.55	2.49128G	-52.10	24.35099G	-44.86	2
2437MHz	Pass	2.43549G	5.57	-24.43	2.30845G	-56.05	2.39092G	-54.07	2.4835G	-55.32	2.514G	-52.17	24.41561G	-44.95	1
2437MHz	Pass	2.43549G	5.57	-24.43	2.30874G	-55.84	2.39998G	-53.48	2.4G	-53.76	2.51446G	-52.14	24.6488G	-45.19	2
2462MHz	Pass	2.43549G	5.57	-24.43	2.30204G	-56.06	2.39888G	-54.49	2.4835G	-55.95	2.50148G	-51.86	24.6488G	-45.23	1
2462MHz	Pass	2.43549G	5.57	-24.43	2.30059G	-55.73	2.3927G	-54.14	2.4G	-53.86	2.50152G	-52.41	24.66847G	-45.07	2
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43511G	9.06	-20.94	2.30641G	-55.56	2.39998G	-25.01	2.4G	-24.81	2.48886G	-52.41	24.68533G	-44.65	1
2412MHz	Pass	2.43511G	9.06	-20.94	2.30816G	-56.11	2.39918G	-21.57	2.4G	-22.93	2.49448G	-52.48	24.56171G	-45.33	2
2437MHz	Pass	2.43511G	9.06	-20.94	2.30292G	-56.49	2.39946G	-42.27	2.4G	-46.20	2.48418G	-49.85	24.91571G	-45.35	1
2437MHz	Pass	2.43511G	9.06	-20.94	2.30903G	-56.80	2.3998G	-37.92	2.4G	-41.05	2.48542G	-45.79	24.68533G	-44.85	2
2462MHz	Pass	2.43511G	9.06	-20.94	2.3035G	-56.29	2.3923G	-54.35	2.4835G	-36.24	2.48352G	-36.05	24.74714G	-45.17	1
2462MHz	Pass	2.43511G	9.06	-20.94	2.30321G	-55.79	2.39008G	-53.83	2.4835G	-32.09	2.48354G	-31.31	24.51114G	-45.34	2
VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43762G	8.10	-21.90	2.30961G	-56.33	2.39982G	-25.22	2.4G	-27.87	2.49034G	-51.88	24.69938G	-45.10	1
2412MHz	Pass	2.43762G	8.10	-21.90	2.30728G	-56.22	2.39988G	-22.99	2.4G	-25.09	2.49198G	-52.43	24.94943G	-45.32	2
2437MHz	Pass	2.43762G	8.10	-21.90	2.30146G	-56.46	2.39944G	-43.94	2.4G	-43.25	2.4835G	-50.47	24.47461G	-44.95	1
2437MHz	Pass	2.43762G	8.10	-21.90	2.30437G	-55.91	2.3995G	-38.37	2.4G	-38.33	2.48382G	-46.93	24.66847G	-45.08	2
2462MHz	Pass	2.43762G	8.10	-21.90	2.30612G	-56.28	2.3905G	-54.45	2.4835G	-40.25	2.4835G	-38.79	24.3819G	-45.30	1
2462MHz	Pass	2.43762G	8.10	-21.90	2.30117G	-56.42	2.39068G	-53.83	2.4835G	-35.81	2.48388G	-35.95	25G	-44.78	2
VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.43799G	3.38	-26.62	2.30139G	-56.22	2.3988G	-33.50	2.4G	-37.43	2.50194G	-54.08	24.96074G	-45.26	1
2422MHz	Pass	2.43799G	3.38	-26.62	2.3054G	-55.86	2.39856G	-29.50	2.4G	-32.96	2.49914G	-52.35	24.68589G	-44.99	2
2437MHz	Pass	2.43799G	3.38	-26.62	2.30884G	-55.70	2.39924G	-31.35	2.4G	-32.76	2.48446G	-41.74	24.67467G	-44.94	1
2437MHz	Pass	2.43799G	3.38	-26.62	2.30826G	-56.05	2.39972G	-27.96	2.4G	-30.02	2.4835G	-38.10	24.45591G	-45.12	2
2452MHz	Pass	2.43799G	3.38	-26.62	2.30569G	-56.91	2.3982G	-54.67	2.4835G	-40.26	2.48442G	-39.35	24.8177G	-45.08	1
2452MHz	Pass	2.43799G	3.38	-26.62	2.30054G	-55.88	2.39732G	-53.14	2.4835G	-35.22	2.48358G	-35.63	24.38019G	-44.62	2

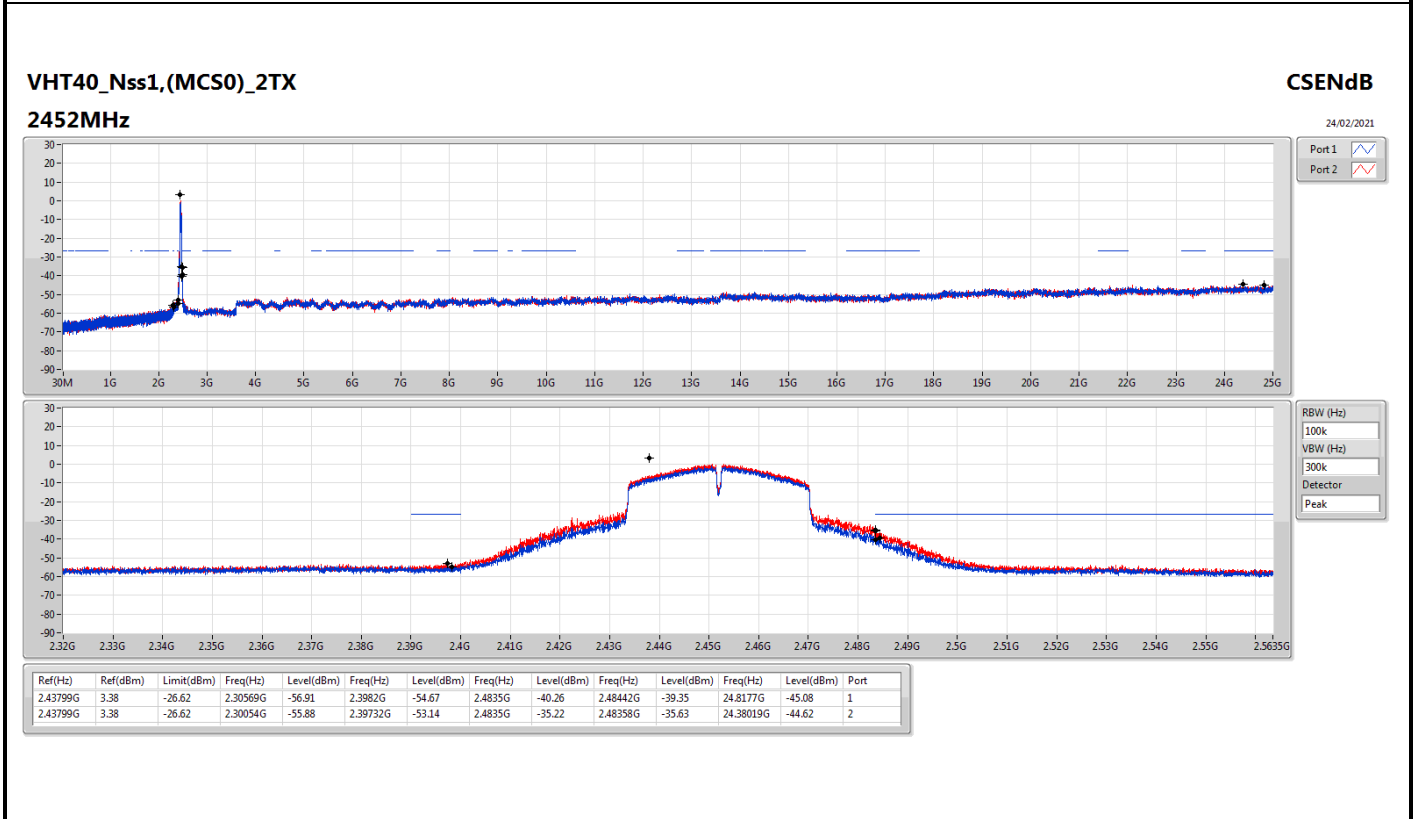
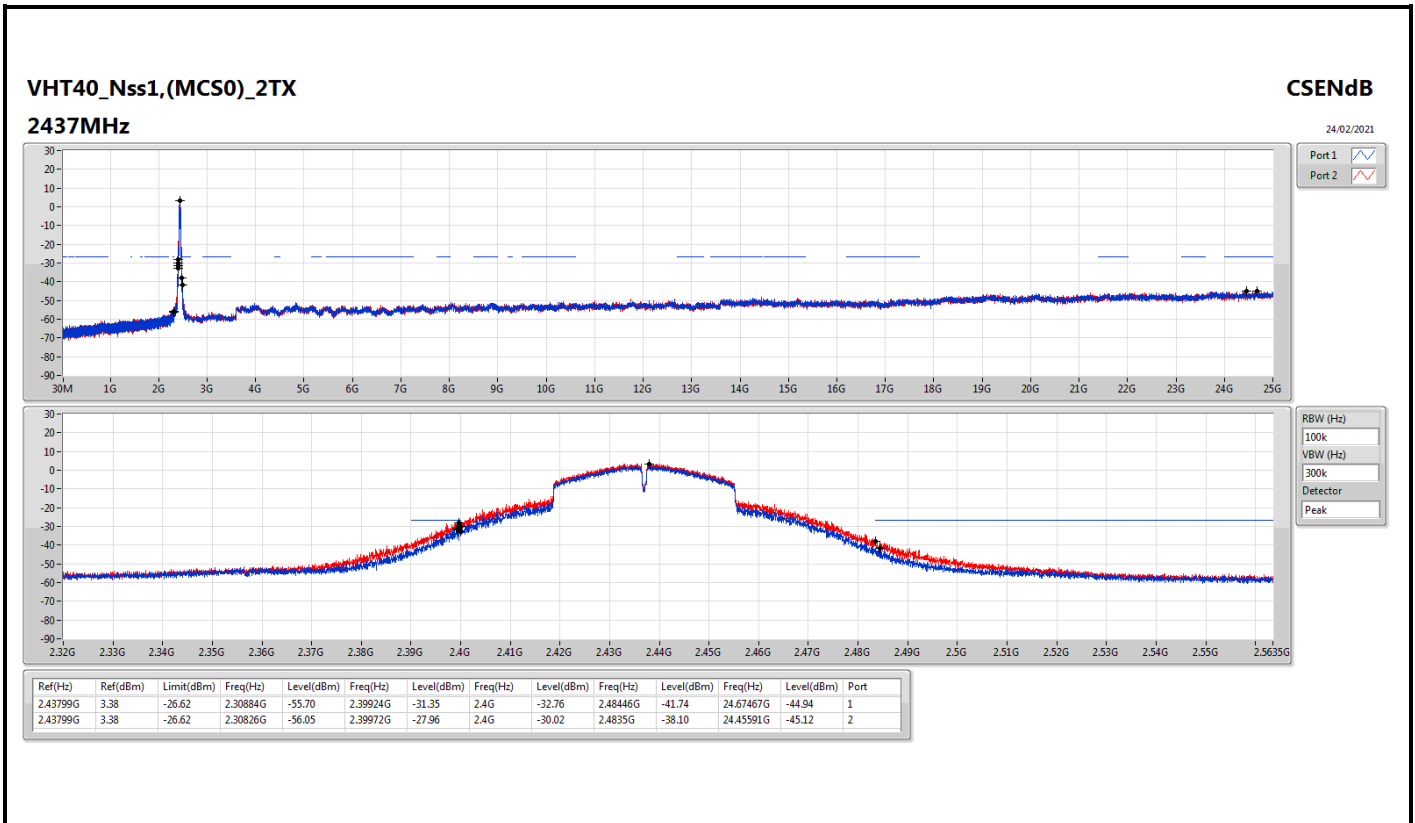














Summary

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)_2TX	Pass	PK	127M	25.30	43.50	-18.20	3	Horizontal	0	1.00	-

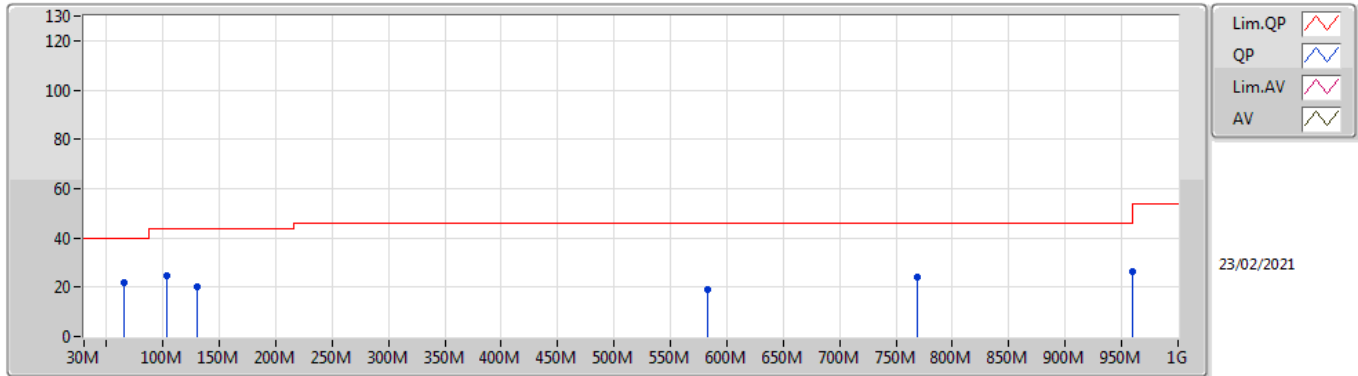


Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
VHT40_Nss1.(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
2437MHz	Pass	PK	64.92M	21.76	40.00	-18.24	3	Vertical	360	1.00	-
2437MHz	Pass	PK	103.72M	24.74	43.50	-18.76	3	Vertical	360	1.00	-
2437MHz	Pass	PK	130.88M	20.23	43.50	-23.27	3	Vertical	360	1.00	-
2437MHz	Pass	PK	582.9M	19.28	46.00	-26.72	3	Vertical	360	1.00	-
2437MHz	Pass	PK	769.14M	24.35	46.00	-21.65	3	Vertical	360	1.00	-
2437MHz	Pass	PK	960M	26.16	46.00	-19.84	3	Vertical	360	1.00	-
2437MHz	Pass	PK	30M	20.64	40.00	-19.36	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	127M	25.30	43.50	-18.20	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	218.18M	25.78	46.00	-20.22	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	769.14M	24.85	46.00	-21.15	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	875.84M	25.56	46.00	-20.44	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	960M	26.29	46.00	-19.71	3	Horizontal	0	1.00	-

VHT40_Nss1,(MCS0)_2TX

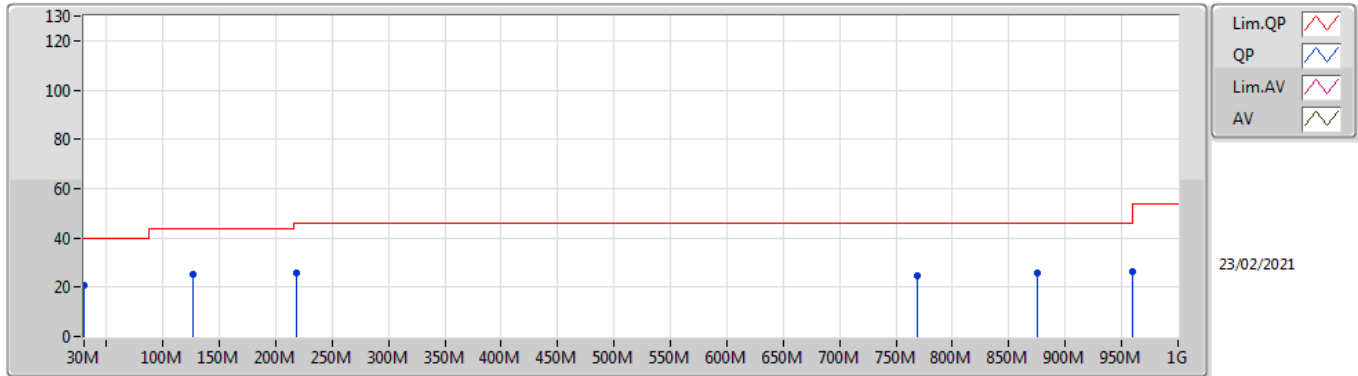
2437MHz_Adapter



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	64.92M	21.76	40.00	-18.24	-26.84	3	Vertical	360	1.00	-	48.60	10.91	-0.82	36.93
PK	103.72M	24.74	43.50	-18.76	-21.98	3	Vertical	360	1.00	-	46.72	15.56	-0.99	36.55
PK	130.88M	20.23	43.50	-23.27	-20.69	3	Vertical	360	1.00	-	40.92	16.85	-1.13	36.41
PK	582.9M	19.28	46.00	-26.72	-14.64	3	Vertical	360	1.00	-	33.92	24.94	-2.44	37.14
PK	769.14M	24.35	46.00	-21.65	-12.78	3	Vertical	360	1.00	-	37.13	27.31	-2.77	37.32
PK	960M	26.16	46.00	-19.84	-10.16	3	Vertical	360	1.00	-	36.32	30.25	-3.11	37.30

VHT40_Nss1,(MCS0)_2TX

2437MHz_Adapter



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	20.64	40.00	-19.36	-14.16	3	Horizontal	0	1.00	-	34.80	23.51	-0.56	37.11
PK	127M	25.30	43.50	-18.20	-20.63	3	Horizontal	0	1.00	-	45.93	16.92	-1.11	36.44
PK	218.18M	25.78	46.00	-20.22	-23.39	3	Horizontal	0	1.00	-	49.17	14.27	-1.39	36.27
PK	769.14M	24.85	46.00	-21.15	-12.78	3	Horizontal	0	1.00	-	37.63	27.31	-2.77	37.32
PK	875.84M	25.56	46.00	-20.44	-12.44	3	Horizontal	0	1.00	-	38.00	28.15	-2.97	37.62
PK	960M	26.29	46.00	-19.71	-10.16	3	Horizontal	0	1.00	-	36.45	30.25	-3.11	37.30



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)_2TX	Pass	AV	4.92396G	53.87	54.00	-0.13	3	Vertical	14	1.03	-
802.11g_Nss1,(6Mbps)_2TX	Pass	AV	2.39G	53.76	54.00	-0.24	3	Horizontal	76	1.16	-
VHT20_Nss1,(MCS0)_2TX	Pass	AV	4.87416G	53.82	54.00	-0.18	3	Vertical	14	1.04	-
VHT40_Nss1,(MCS0)_2TX	Pass	AV	2.3898G	53.88	54.00	-0.12	3	Horizontal	60	1.29	-



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)_2TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.371G	43.86	54.00	-10.14	3	Vertical	121	2.72	-
2412MHz	Pass	AV	2.4112G	102.21	Inf	-Inf	3	Vertical	121	2.72	-
2412MHz	Pass	PK	2.3708G	57.36	74.00	-16.64	3	Vertical	121	2.72	-
2412MHz	Pass	PK	2.4116G	104.52	Inf	-Inf	3	Vertical	121	2.72	-
2412MHz	Pass	AV	2.39G	43.52	54.00	-10.48	3	Horizontal	87	1.00	-
2412MHz	Pass	AV	2.4112G	101.08	Inf	-Inf	3	Horizontal	87	1.00	-
2412MHz	Pass	PK	2.3708G	56.62	74.00	-17.38	3	Horizontal	87	1.00	-
2412MHz	Pass	PK	2.411G	103.33	Inf	-Inf	3	Horizontal	87	1.00	-
2412MHz	Pass	AV	4.82396G	53.64	54.00	-0.36	3	Vertical	10	1.25	-
2412MHz	Pass	PK	4.82403G	55.66	74.00	-18.34	3	Vertical	10	1.25	-
2412MHz	Pass	AV	4.82396G	45.42	54.00	-8.58	3	Horizontal	226	2.34	-
2412MHz	Pass	PK	4.82394G	49.88	74.00	-24.12	3	Horizontal	226	2.34	-
2417MHz	Pass	AV	2.3762G	43.85	54.00	-10.15	3	Vertical	123	3.00	-
2417MHz	Pass	AV	2.4178G	101.76	Inf	-Inf	3	Vertical	123	3.00	-
2417MHz	Pass	PK	2.3848G	56.98	74.00	-17.02	3	Vertical	123	3.00	-
2417MHz	Pass	PK	2.4174G	104.29	Inf	-Inf	3	Vertical	123	3.00	-
2417MHz	Pass	AV	2.3744G	43.47	54.00	-10.53	3	Horizontal	87	1.00	-
2417MHz	Pass	AV	2.4162G	100.89	Inf	-Inf	3	Horizontal	87	1.00	-
2417MHz	Pass	PK	2.3712G	56.82	74.00	-17.18	3	Horizontal	87	1.00	-
2417MHz	Pass	PK	2.416G	103.12	Inf	-Inf	3	Horizontal	87	1.00	-
2417MHz	Pass	AV	4.83397G	53.86	54.00	-0.14	3	Vertical	11	1.28	-
2417MHz	Pass	PK	4.83395G	55.72	74.00	-18.28	3	Vertical	11	1.28	-
2417MHz	Pass	AV	4.83396G	45.47	54.00	-8.53	3	Horizontal	226	2.60	-
2417MHz	Pass	PK	4.83403G	49.99	74.00	-24.01	3	Horizontal	226	2.60	-
2437MHz	Pass	AV	2.3574G	43.73	54.00	-10.27	3	Vertical	94	2.88	-
2437MHz	Pass	AV	2.4378G	101.23	Inf	-Inf	3	Vertical	94	2.88	-
2437MHz	Pass	AV	2.4874G	43.70	54.00	-10.30	3	Vertical	94	2.88	-
2437MHz	Pass	PK	2.3738G	57.33	74.00	-16.67	3	Vertical	94	2.88	-
2437MHz	Pass	PK	2.4374G	103.68	Inf	-Inf	3	Vertical	94	2.88	-
2437MHz	Pass	PK	2.4998G	57.39	74.00	-16.61	3	Vertical	94	2.88	-
2437MHz	Pass	AV	2.3594G	44.12	54.00	-9.88	3	Horizontal	76	1.00	-
2437MHz	Pass	AV	2.4362G	101.43	Inf	-Inf	3	Horizontal	76	1.00	-
2437MHz	Pass	AV	2.4918G	43.51	54.00	-10.49	3	Horizontal	76	1.00	-
2437MHz	Pass	PK	2.3594G	57.33	74.00	-16.67	3	Horizontal	76	1.00	-
2437MHz	Pass	PK	2.4362G	103.65	Inf	-Inf	3	Horizontal	76	1.00	-
2437MHz	Pass	PK	2.4978G	56.28	74.00	-17.72	3	Horizontal	76	1.00	-
2437MHz	Pass	AV	4.87399G	53.86	54.00	-0.14	3	Vertical	172	1.19	-
2437MHz	Pass	PK	4.87395G	55.76	74.00	-18.24	3	Vertical	172	1.19	-
2437MHz	Pass	AV	4.87397G	46.46	54.00	-7.54	3	Horizontal	227	1.13	-
2437MHz	Pass	PK	4.87399G	50.71	74.00	-23.29	3	Horizontal	227	1.13	-
2457MHz	Pass	AV	2.4562G	99.66	Inf	-Inf	3	Vertical	95	2.82	-
2457MHz	Pass	AV	2.4954G	43.68	54.00	-10.32	3	Vertical	95	2.82	-
2457MHz	Pass	PK	2.4566G	102.10	Inf	-Inf	3	Vertical	95	2.82	-
2457MHz	Pass	PK	2.4954G	56.57	74.00	-17.43	3	Vertical	95	2.82	-
2457MHz	Pass	AV	2.4552G	99.24	Inf	-Inf	3	Horizontal	76	1.19	-
2457MHz	Pass	AV	2.485G	43.38	54.00	-10.62	3	Horizontal	76	1.19	-
2457MHz	Pass	PK	2.4542G	101.41	Inf	-Inf	3	Horizontal	76	1.19	-
2457MHz	Pass	PK	2.4946G	56.58	74.00	-17.42	3	Horizontal	76	1.19	-
2457MHz	Pass	AV	4.91396G	53.64	54.00	-0.36	3	Vertical	13	1.08	-
2457MHz	Pass	PK	4.91398G	55.77	74.00	-18.23	3	Vertical	13	1.08	-
2457MHz	Pass	AV	4.91397G	45.45	54.00	-8.55	3	Horizontal	64	1.04	-
2457MHz	Pass	PK	4.91379G	49.85	74.00	-24.15	3	Horizontal	64	1.04	-
2462MHz	Pass	AV	2.4612G	100.86	Inf	-Inf	3	Vertical	120	2.58	-
2462MHz	Pass	AV	2.5G	43.82	54.00	-10.18	3	Vertical	120	2.58	-
2462MHz	Pass	PK	2.461G	103.10	Inf	-Inf	3	Vertical	120	2.58	-
2462MHz	Pass	PK	2.4874G	56.74	74.00	-17.26	3	Vertical	120	2.58	-
2462MHz	Pass	AV	2.4592G	98.50	Inf	-Inf	3	Horizontal	58	1.19	-
2462MHz	Pass	AV	2.4976G	43.33	54.00	-10.67	3	Horizontal	58	1.19	-
2462MHz	Pass	PK	2.4592G	101.23	Inf	-Inf	3	Horizontal	58	1.19	-
2462MHz	Pass	PK	2.4928G	56.55	74.00	-17.45	3	Horizontal	58	1.19	-



RSE TX above 1GHz_Non-Beamforming

Appendix F.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2462MHz	Pass	AV	4.92396G	53.87	54.00	-0.13	3	Vertical	14	1.03	-
2462MHz	Pass	PK	4.92397G	55.76	74.00	-18.24	3	Vertical	14	1.03	-
2462MHz	Pass	AV	4.92396G	43.06	54.00	-10.94	3	Horizontal	228	2.52	-
2462MHz	Pass	PK	4.92399G	48.33	74.00	-25.67	3	Horizontal	228	2.52	-
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	53.73	54.00	-0.27	3	Vertical	123	2.72	-
2412MHz	Pass	AV	2.4124G	102.25	Inf	-Inf	3	Vertical	123	2.72	-
2412MHz	Pass	PK	2.3898G	69.42	74.00	-4.58	3	Vertical	123	2.72	-
2412MHz	Pass	PK	2.4126G	110.94	Inf	-Inf	3	Vertical	123	2.72	-
2412MHz	Pass	AV	2.39G	53.03	54.00	-0.97	3	Horizontal	88	1.00	-
2412MHz	Pass	AV	2.4126G	101.36	Inf	-Inf	3	Horizontal	88	1.00	-
2412MHz	Pass	PK	2.39G	69.04	74.00	-4.96	3	Horizontal	88	1.00	-
2412MHz	Pass	PK	2.4128G	110.31	Inf	-Inf	3	Horizontal	88	1.00	-
2412MHz	Pass	AV	4.82402G	47.97	54.00	-6.03	3	Vertical	12	1.26	-
2412MHz	Pass	PK	4.82886G	59.52	74.00	-14.48	3	Vertical	12	1.26	-
2412MHz	Pass	AV	4.82748G	41.19	54.00	-12.81	3	Horizontal	69	1.01	-
2412MHz	Pass	PK	4.82258G	54.56	74.00	-19.44	3	Horizontal	69	1.01	-
2417MHz	Pass	AV	2.39G	52.00	54.00	-2.00	3	Vertical	131	2.74	-
2417MHz	Pass	AV	2.4164G	102.98	Inf	-Inf	3	Vertical	131	2.74	-
2417MHz	Pass	PK	2.3898G	66.72	74.00	-7.28	3	Vertical	131	2.74	-
2417MHz	Pass	PK	2.4164G	111.66	Inf	-Inf	3	Vertical	131	2.74	-
2417MHz	Pass	AV	2.39G	53.76	54.00	-0.24	3	Horizontal	76	1.16	-
2417MHz	Pass	AV	2.4176G	102.70	Inf	-Inf	3	Horizontal	76	1.16	-
2417MHz	Pass	PK	2.39G	70.08	74.00	-3.92	3	Horizontal	76	1.16	-
2417MHz	Pass	PK	2.4176G	112.22	Inf	-Inf	3	Horizontal	76	1.16	-
2417MHz	Pass	AV	4.83392G	51.50	54.00	-2.50	3	Vertical	10	1.00	-
2417MHz	Pass	PK	4.82836G	63.77	74.00	-10.23	3	Vertical	10	1.00	-
2417MHz	Pass	AV	4.83244G	43.53	54.00	-10.47	3	Horizontal	70	1.15	-
2417MHz	Pass	PK	4.83692G	57.20	74.00	-16.80	3	Horizontal	70	1.15	-
2437MHz	Pass	AV	2.3562G	45.11	54.00	-8.89	3	Vertical	137	2.94	-
2437MHz	Pass	AV	2.4362G	104.22	Inf	-Inf	3	Vertical	137	2.94	-
2437MHz	Pass	AV	2.4835G	44.81	54.00	-9.19	3	Vertical	137	2.94	-
2437MHz	Pass	PK	2.3618G	57.83	74.00	-16.17	3	Vertical	137	2.94	-
2437MHz	Pass	PK	2.4362G	113.28	Inf	-Inf	3	Vertical	137	2.94	-
2437MHz	Pass	PK	2.4866G	58.06	74.00	-15.94	3	Vertical	137	2.94	-
2437MHz	Pass	AV	2.3894G	46.40	54.00	-7.60	3	Horizontal	69	1.00	-
2437MHz	Pass	AV	2.4358G	104.12	Inf	-Inf	3	Horizontal	69	1.00	-
2437MHz	Pass	AV	2.4835G	44.48	54.00	-9.52	3	Horizontal	69	1.00	-
2437MHz	Pass	PK	2.3878G	59.74	74.00	-14.26	3	Horizontal	69	1.00	-
2437MHz	Pass	PK	2.4354G	113.98	Inf	-Inf	3	Horizontal	69	1.00	-
2437MHz	Pass	PK	2.4835G	56.83	74.00	-17.17	3	Horizontal	69	1.00	-
2437MHz	Pass	AV	4.87392G	53.13	54.00	-0.87	3	Vertical	13.9	1.04	-
2437MHz	Pass	PK	4.8684G	65.26	74.00	-8.74	3	Vertical	13.9	1.04	-
2437MHz	Pass	AV	4.87684G	43.11	54.00	-10.89	3	Horizontal	76	2.32	-
2437MHz	Pass	PK	4.8768G	57.22	74.00	-16.78	3	Horizontal	76	2.32	-
2457MHz	Pass	AV	2.4576G	102.61	Inf	-Inf	3	Vertical	101	2.83	-
2457MHz	Pass	AV	2.4835G	53.54	54.00	-0.46	3	Vertical	101	2.83	-
2457MHz	Pass	PK	2.4578G	111.80	Inf	-Inf	3	Vertical	101	2.83	-
2457MHz	Pass	PK	2.4838G	67.60	74.00	-6.40	3	Vertical	101	2.83	-
2457MHz	Pass	AV	2.458G	102.24	Inf	-Inf	3	Horizontal	77	1.17	-
2457MHz	Pass	AV	2.4835G	50.56	54.00	-3.44	3	Horizontal	77	1.17	-
2457MHz	Pass	PK	2.4582G	111.62	Inf	-Inf	3	Horizontal	77	1.17	-
2457MHz	Pass	PK	2.4838G	64.46	74.00	-9.54	3	Horizontal	77	1.17	-
2457MHz	Pass	AV	4.91392G	52.29	54.00	-1.71	3	Vertical	15	1.00	-
2457MHz	Pass	PK	4.90844G	64.68	74.00	-9.32	3	Vertical	15	1.00	-
2457MHz	Pass	AV	4.91376G	44.21	54.00	-9.79	3	Horizontal	64	1.04	-
2457MHz	Pass	PK	4.90832G	57.71	74.00	-16.29	3	Horizontal	64	1.04	-
2462MHz	Pass	AV	2.4626G	100.78	Inf	-Inf	3	Vertical	101	2.83	-
2462MHz	Pass	AV	2.4835G	53.72	54.00	-0.28	3	Vertical	101	2.83	-
2462MHz	Pass	PK	2.4628G	109.89	Inf	-Inf	3	Vertical	101	2.83	-
2462MHz	Pass	PK	2.4835G	69.46	74.00	-4.54	3	Vertical	101	2.83	-
2462MHz	Pass	AV	2.4636G	99.69	Inf	-Inf	3	Horizontal	59	1.13	-



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	50.03	54.00	-3.97	3	Horizontal	59	1.13	-
2462MHz	Pass	PK	2.4602G	109.31	Inf	-Inf	3	Horizontal	59	1.13	-
2462MHz	Pass	PK	2.4838G	65.53	74.00	-8.47	3	Horizontal	59	1.13	-
2462MHz	Pass	AV	4.924G	48.67	54.00	-5.33	3	Vertical	15	1.03	-
2462MHz	Pass	PK	4.91828G	60.53	74.00	-13.47	3	Vertical	15	1.03	-
2462MHz	Pass	AV	4.92376G	40.07	54.00	-13.93	3	Horizontal	67	1.00	-
2462MHz	Pass	PK	4.91836G	53.54	74.00	-20.46	3	Horizontal	67	1.00	-
VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	51.07	54.00	-2.93	3	Vertical	221	2.42	-
2412MHz	Pass	AV	2.4126G	96.73	Inf	-Inf	3	Vertical	221	2.42	-
2412MHz	Pass	PK	2.3898G	67.71	74.00	-6.29	3	Vertical	221	2.42	-
2412MHz	Pass	PK	2.4108G	106.26	Inf	-Inf	3	Vertical	221	2.42	-
2412MHz	Pass	AV	2.39G	53.61	54.00	-0.39	3	Horizontal	67	1.01	-
2412MHz	Pass	AV	2.4126G	97.84	Inf	-Inf	3	Horizontal	67	1.01	-
2412MHz	Pass	PK	2.3894G	70.59	74.00	-3.41	3	Horizontal	67	1.01	-
2412MHz	Pass	PK	2.4106G	107.31	Inf	-Inf	3	Horizontal	67	1.01	-
2412MHz	Pass	AV	4.82424G	43.89	54.00	-10.11	3	Vertical	13	2.96	-
2412MHz	Pass	PK	4.82332G	59.96	74.00	-14.04	3	Vertical	13	2.96	-
2412MHz	Pass	AV	4.82424G	35.77	54.00	-18.23	3	Horizontal	226	1.27	-
2412MHz	Pass	PK	4.8234G	50.94	74.00	-23.06	3	Horizontal	226	1.27	-
2417MHz	Pass	AV	2.39G	53.74	54.00	-0.26	3	Vertical	126	2.69	-
2417MHz	Pass	AV	2.4176G	102.68	Inf	-Inf	3	Vertical	126	2.69	-
2417MHz	Pass	PK	2.39G	69.83	74.00	-4.17	3	Vertical	126	2.69	-
2417MHz	Pass	PK	2.4156G	111.85	Inf	-Inf	3	Vertical	126	2.69	-
2417MHz	Pass	AV	2.39G	53.46	54.00	-0.54	3	Horizontal	74	1.20	-
2417MHz	Pass	AV	2.4176G	101.50	Inf	-Inf	3	Horizontal	74	1.20	-
2417MHz	Pass	PK	2.39G	68.89	74.00	-5.11	3	Horizontal	74	1.20	-
2417MHz	Pass	PK	2.4172G	110.71	Inf	-Inf	3	Horizontal	74	1.20	-
2417MHz	Pass	AV	4.83408G	49.52	54.00	-4.48	3	Vertical	12	2.94	-
2417MHz	Pass	PK	4.8332G	64.70	74.00	-9.30	3	Vertical	12	2.94	-
2417MHz	Pass	AV	4.83416G	40.09	54.00	-13.91	3	Horizontal	228	1.00	-
2417MHz	Pass	PK	4.83344G	55.52	74.00	-18.48	3	Horizontal	228	1.00	-
2437MHz	Pass	AV	2.3898G	44.17	54.00	-9.83	3	Vertical	222	2.63	-
2437MHz	Pass	AV	2.4378G	88.78	Inf	-Inf	3	Vertical	222	2.63	-
2437MHz	Pass	AV	2.489G	43.78	54.00	-10.22	3	Vertical	222	2.63	-
2437MHz	Pass	PK	2.3886G	58.12	74.00	-15.88	3	Vertical	222	2.63	-
2437MHz	Pass	PK	2.439G	98.47	Inf	-Inf	3	Vertical	222	2.63	-
2437MHz	Pass	PK	2.4862G	57.07	74.00	-16.93	3	Vertical	222	2.63	-
2437MHz	Pass	AV	2.3898G	46.86	54.00	-7.14	3	Horizontal	61	1.28	-
2437MHz	Pass	AV	2.4378G	101.25	Inf	-Inf	3	Horizontal	61	1.28	-
2437MHz	Pass	AV	2.4835G	44.43	54.00	-9.57	3	Horizontal	61	1.28	-
2437MHz	Pass	PK	2.3894G	62.12	74.00	-11.88	3	Horizontal	61	1.28	-
2437MHz	Pass	PK	2.439G	110.64	Inf	-Inf	3	Horizontal	61	1.28	-
2437MHz	Pass	PK	2.4838G	57.51	74.00	-16.49	3	Horizontal	61	1.28	-
2437MHz	Pass	AV	4.87416G	53.82	54.00	-0.18	3	Vertical	14	1.04	-
2437MHz	Pass	PK	4.87328G	68.21	74.00	-5.79	3	Vertical	14	1.04	-
2437MHz	Pass	AV	4.8742G	44.79	54.00	-9.21	3	Horizontal	230	1.13	-
2437MHz	Pass	PK	4.87332G	58.97	74.00	-15.03	3	Horizontal	230	1.13	-
2457MHz	Pass	AV	2.4576G	101.70	Inf	-Inf	3	Vertical	102	2.85	-
2457MHz	Pass	AV	2.4835G	53.59	54.00	-0.41	3	Vertical	102	2.85	-
2457MHz	Pass	PK	2.4586G	110.83	Inf	-Inf	3	Vertical	102	2.85	-
2457MHz	Pass	PK	2.4838G	71.50	74.00	-2.50	3	Vertical	102	2.85	-
2457MHz	Pass	AV	2.4576G	100.84	Inf	-Inf	3	Horizontal	72	1.00	-
2457MHz	Pass	AV	2.4835G	50.73	54.00	-3.27	3	Horizontal	72	1.00	-
2457MHz	Pass	PK	2.4556G	109.79	Inf	-Inf	3	Horizontal	72	1.00	-
2457MHz	Pass	PK	2.4836G	68.34	74.00	-5.66	3	Horizontal	72	1.00	-
2457MHz	Pass	AV	4.91416G	51.64	54.00	-2.36	3	Vertical	11	1.00	-
2457MHz	Pass	PK	4.91344G	66.56	74.00	-7.44	3	Vertical	11	1.00	-
2457MHz	Pass	AV	4.91408G	42.09	54.00	-11.91	3	Horizontal	228	1.40	-
2457MHz	Pass	PK	4.91332G	56.99	74.00	-17.01	3	Horizontal	228	1.40	-
2462MHz	Pass	AV	2.4612G	99.06	Inf	-Inf	3	Vertical	88	2.82	-
2462MHz	Pass	AV	2.4835G	53.82	54.00	-0.18	3	Vertical	88	2.82	-



Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2462MHz	Pass	PK	2.4606G	108.56	Inf	-Inf	3	Vertical	88	2.82	-
2462MHz	Pass	PK	2.4835G	70.27	74.00	-3.73	3	Vertical	88	2.82	-
2462MHz	Pass	AV	2.4612G	98.54	Inf	-Inf	3	Horizontal	73	1.00	-
2462MHz	Pass	AV	2.4835G	51.57	54.00	-2.43	3	Horizontal	73	1.00	-
2462MHz	Pass	PK	2.4606G	108.02	Inf	-Inf	3	Horizontal	73	1.00	-
2462MHz	Pass	PK	2.4835G	66.43	74.00	-7.57	3	Horizontal	73	1.00	-
2462MHz	Pass	AV	4.92416G	47.03	54.00	-6.97	3	Vertical	12	1.06	-
2462MHz	Pass	PK	4.92348G	62.54	74.00	-11.46	3	Vertical	12	1.06	-
2462MHz	Pass	AV	4.92416G	38.31	54.00	-15.69	3	Horizontal	231	1.36	-
2462MHz	Pass	PK	4.9234G	53.94	74.00	-20.06	3	Horizontal	231	1.36	-
VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	AV	2.39G	53.69	54.00	-0.31	3	Vertical	125	2.94	-
2422MHz	Pass	AV	2.4232G	95.59	Inf	-Inf	3	Vertical	125	2.94	-
2422MHz	Pass	AV	2.4916G	43.82	54.00	-10.18	3	Vertical	125	2.94	-
2422MHz	Pass	PK	2.39G	70.01	74.00	-3.99	3	Vertical	125	2.94	-
2422MHz	Pass	PK	2.4264G	106.24	Inf	-Inf	3	Vertical	125	2.94	-
2422MHz	Pass	PK	2.4932G	56.66	74.00	-17.34	3	Vertical	125	2.94	-
2422MHz	Pass	AV	2.3896G	53.17	54.00	-0.83	3	Horizontal	76	1.19	-
2422MHz	Pass	AV	2.4208G	95.00	Inf	-Inf	3	Horizontal	76	1.19	-
2422MHz	Pass	AV	2.4835G	43.76	54.00	-10.24	3	Horizontal	76	1.19	-
2422MHz	Pass	PK	2.3896G	69.28	74.00	-4.72	3	Horizontal	76	1.19	-
2422MHz	Pass	PK	2.4192G	104.69	Inf	-Inf	3	Horizontal	76	1.19	-
2422MHz	Pass	PK	2.492G	56.11	74.00	-17.89	3	Horizontal	76	1.19	-
2422MHz	Pass	AV	4.84388G	39.42	54.00	-14.58	3	Vertical	14	1.03	-
2422MHz	Pass	PK	4.8444G	52.74	74.00	-21.26	3	Vertical	14	1.03	-
2422MHz	Pass	AV	4.84384G	33.66	54.00	-20.34	3	Horizontal	229	1.13	-
2422MHz	Pass	PK	4.84496G	46.23	74.00	-27.77	3	Horizontal	229	1.13	-
2427MHz	Pass	AV	2.3898G	53.76	54.00	-0.24	3	Vertical	125	2.94	-
2427MHz	Pass	AV	2.4282G	97.25	Inf	-Inf	3	Vertical	125	2.94	-
2427MHz	Pass	AV	2.4835G	44.36	54.00	-9.64	3	Vertical	125	2.94	-
2427MHz	Pass	PK	2.389G	67.78	74.00	-6.22	3	Vertical	125	2.94	-
2427MHz	Pass	PK	2.4314G	107.61	Inf	-Inf	3	Vertical	125	2.94	-
2427MHz	Pass	PK	2.4878G	56.75	74.00	-17.25	3	Vertical	125	2.94	-
2427MHz	Pass	AV	2.3898G	53.38	54.00	-0.62	3	Horizontal	75	1.00	-
2427MHz	Pass	AV	2.4282G	95.96	Inf	-Inf	3	Horizontal	75	1.00	-
2427MHz	Pass	AV	2.4835G	43.99	54.00	-10.01	3	Horizontal	75	1.00	-
2427MHz	Pass	PK	2.3894G	68.41	74.00	-5.59	3	Horizontal	75	1.00	-
2427MHz	Pass	PK	2.4318G	105.75	Inf	-Inf	3	Horizontal	75	1.00	-
2427MHz	Pass	PK	2.4842G	56.78	74.00	-17.22	3	Horizontal	75	1.00	-
2427MHz	Pass	AV	4.85808G	41.14	54.00	-12.86	3	Vertical	14	1.00	-
2427MHz	Pass	PK	4.85416G	54.41	74.00	-19.59	3	Vertical	14	1.00	-
2427MHz	Pass	AV	4.8538G	34.38	54.00	-19.62	3	Horizontal	229	1.17	-
2427MHz	Pass	PK	4.8584G	48.59	74.00	-25.41	3	Horizontal	229	1.17	-
2437MHz	Pass	AV	2.3898G	51.73	54.00	-2.27	3	Vertical	223	2.62	-
2437MHz	Pass	AV	2.4382G	96.81	Inf	-Inf	3	Vertical	223	2.62	-
2437MHz	Pass	AV	2.4835G	49.09	54.00	-4.91	3	Vertical	223	2.62	-
2437MHz	Pass	PK	2.3882G	69.38	74.00	-4.62	3	Vertical	223	2.62	-
2437MHz	Pass	PK	2.4414G	106.45	Inf	-Inf	3	Vertical	223	2.62	-
2437MHz	Pass	PK	2.4846G	61.74	74.00	-12.26	3	Vertical	223	2.62	-
2437MHz	Pass	AV	2.3898G	53.88	54.00	-0.12	3	Horizontal	60	1.29	-
2437MHz	Pass	AV	2.4382G	99.71	Inf	-Inf	3	Horizontal	60	1.29	-
2437MHz	Pass	AV	2.4835G	50.69	54.00	-3.31	3	Horizontal	60	1.29	-
2437MHz	Pass	PK	2.3898G	69.28	74.00	-4.72	3	Horizontal	60	1.29	-
2437MHz	Pass	PK	2.4414G	109.59	Inf	-Inf	3	Horizontal	60	1.29	-
2437MHz	Pass	PK	2.4838G	63.58	74.00	-10.42	3	Horizontal	60	1.29	-
2437MHz	Pass	AV	4.87808G	47.95	54.00	-6.05	3	Vertical	10	1.04	-
2437MHz	Pass	PK	4.878G	60.83	74.00	-13.17	3	Vertical	10	1.04	-
2437MHz	Pass	AV	4.874G	39.34	54.00	-14.66	3	Horizontal	229	1.11	-
2437MHz	Pass	PK	4.87816G	52.97	74.00	-21.03	3	Horizontal	229	1.11	-
2447MHz	Pass	AV	2.3898G	44.32	54.00	-9.68	3	Vertical	221	1.81	-
2447MHz	Pass	AV	2.4482G	94.43	Inf	-Inf	3	Vertical	221	1.81	-
2447MHz	Pass	AV	2.4835G	53.76	54.00	-0.24	3	Vertical	221	1.81	-



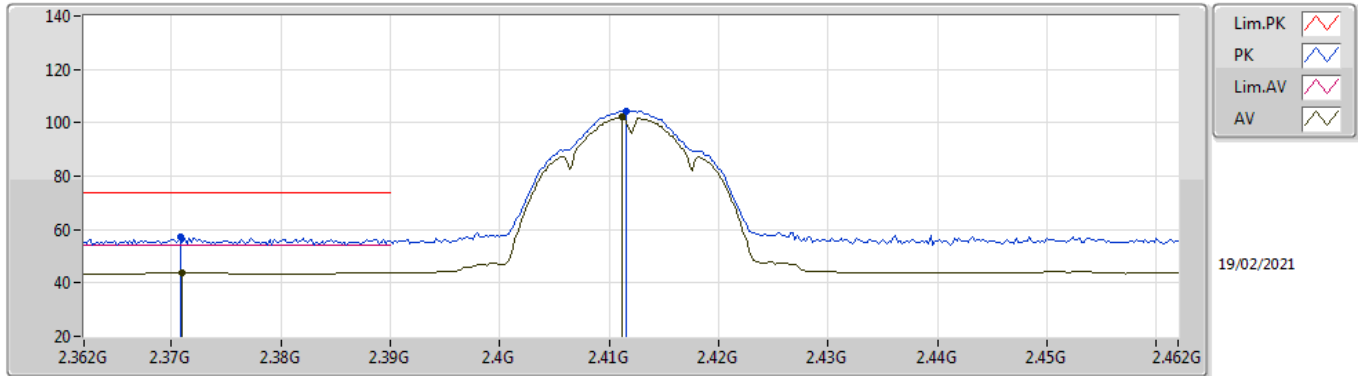
RSE TX above 1GHz_Non-Beamforming

Appendix F.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2447MHz	Pass	PK	2.383G	57.79	74.00	-16.21	3	Vertical	221	1.81	-
2447MHz	Pass	PK	2.4514G	104.49	Inf	-Inf	3	Vertical	221	1.81	-
2447MHz	Pass	PK	2.4835G	67.04	74.00	-6.96	3	Vertical	221	1.81	-
2447MHz	Pass	AV	2.3898G	45.53	54.00	-8.47	3	Horizontal	73	1.00	-
2447MHz	Pass	AV	2.4462G	96.71	Inf	-Inf	3	Horizontal	73	1.00	-
2447MHz	Pass	AV	2.4835G	52.39	54.00	-1.61	3	Horizontal	73	1.00	-
2447MHz	Pass	PK	2.3898G	59.49	74.00	-14.51	3	Horizontal	73	1.00	-
2447MHz	Pass	PK	2.4442G	106.36	Inf	-Inf	3	Horizontal	73	1.00	-
2447MHz	Pass	PK	2.4835G	66.20	74.00	-7.80	3	Horizontal	73	1.00	-
2447MHz	Pass	AV	4.898G	45.28	54.00	-8.72	3	Vertical	11	1.00	-
2447MHz	Pass	PK	4.89808G	59.23	74.00	-14.77	3	Vertical	11	1.00	-
2447MHz	Pass	AV	4.894G	35.90	54.00	-18.10	3	Horizontal	227	1.19	-
2447MHz	Pass	PK	4.89776G	49.47	74.00	-24.53	3	Horizontal	227	1.19	-
2452MHz	Pass	AV	2.3752G	43.69	54.00	-10.31	3	Vertical	101	2.86	-
2452MHz	Pass	AV	2.4508G	95.47	Inf	-Inf	3	Vertical	101	2.86	-
2452MHz	Pass	AV	2.4835G	53.77	54.00	-0.23	3	Vertical	101	2.86	-
2452MHz	Pass	PK	2.3716G	56.79	74.00	-17.21	3	Vertical	101	2.86	-
2452MHz	Pass	PK	2.4564G	105.46	Inf	-Inf	3	Vertical	101	2.86	-
2452MHz	Pass	PK	2.4848G	67.65	74.00	-6.35	3	Vertical	101	2.86	-
2452MHz	Pass	AV	2.3896G	43.97	54.00	-10.03	3	Horizontal	74	1.00	-
2452MHz	Pass	AV	2.4512G	95.20	Inf	-Inf	3	Horizontal	74	1.00	-
2452MHz	Pass	AV	2.4835G	51.15	54.00	-2.85	3	Horizontal	74	1.00	-
2452MHz	Pass	PK	2.3828G	57.60	74.00	-16.40	3	Horizontal	74	1.00	-
2452MHz	Pass	PK	2.4492G	105.06	Inf	-Inf	3	Horizontal	74	1.00	-
2452MHz	Pass	PK	2.4848G	64.21	74.00	-9.79	3	Horizontal	74	1.00	-
2452MHz	Pass	AV	4.89976G	41.61	54.00	-12.39	3	Vertical	14	1.05	-
2452MHz	Pass	PK	4.90408G	55.24	74.00	-18.76	3	Vertical	14	1.05	-
2452MHz	Pass	AV	4.90408G	34.15	54.00	-19.85	3	Horizontal	231	1.10	-
2452MHz	Pass	PK	4.90808G	47.72	74.00	-26.28	3	Horizontal	231	1.10	-

802.11b_Nss1,(1Mbps)_2TX

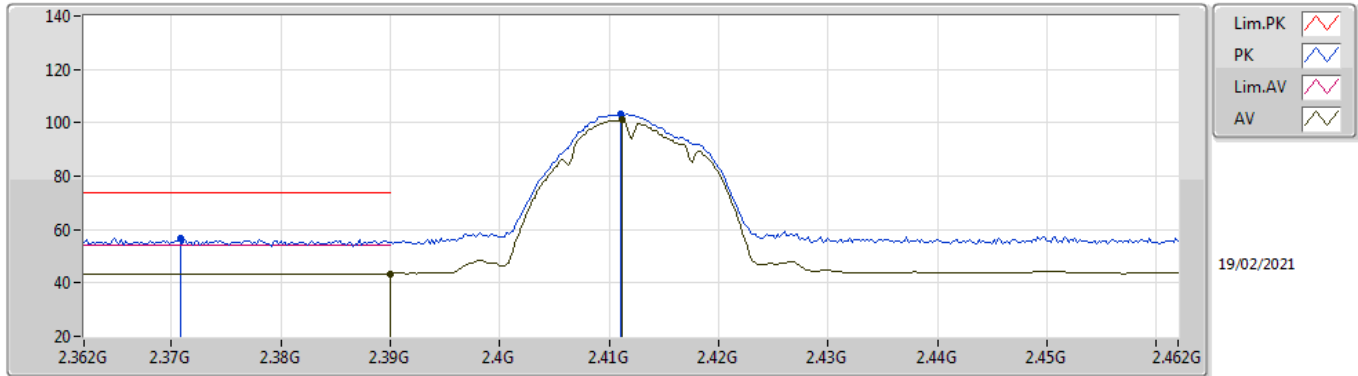
2412MHz_TX



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	2.371G	43.86	54.00	-10.14	31.58	3	Vertical	121	2.72	-	12.28	27.72	3.86	-
AV	2.4112G	102.21	Inf	-Inf	31.52	3	Vertical	121	2.72	-	70.69	27.60	3.92	-
PK	2.3708G	57.36	74.00	-16.64	31.58	3	Vertical	121	2.72	-	25.78	27.72	3.86	-
PK	2.4116G	104.52	Inf	-Inf	31.52	3	Vertical	121	2.72	-	73.00	27.60	3.92	-

802.11b_Nss1,(1Mbps)_2TX

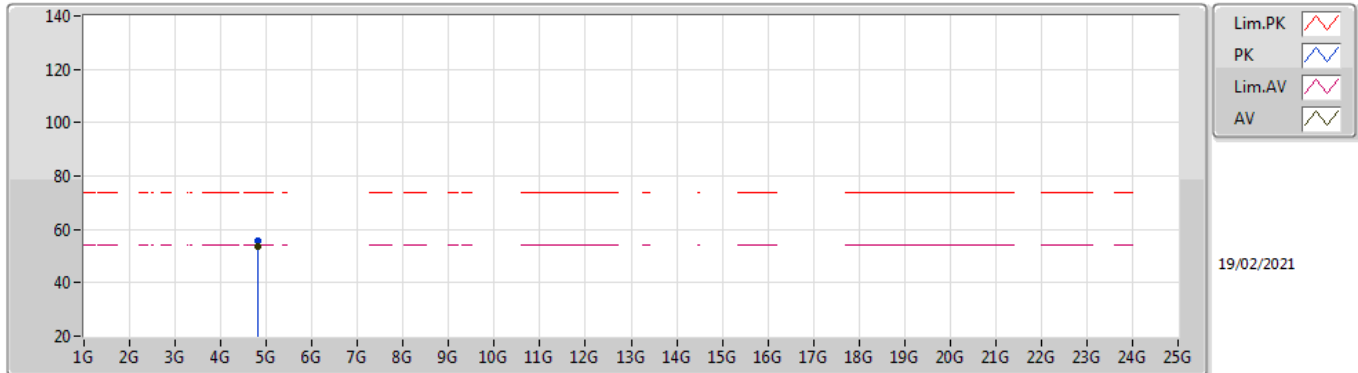
2412MHz_TX



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	43.52	54.00	-10.48	31.52	3	Horizontal	87	1.00	-	12.00	27.64	3.88	-
AV	2.4112G	101.08	Inf	-Inf	31.52	3	Horizontal	87	1.00	-	69.56	27.60	3.92	-
PK	2.3708G	56.62	74.00	-17.38	31.58	3	Horizontal	87	1.00	-	25.04	27.72	3.86	-
PK	2.411G	103.33	Inf	-Inf	31.52	3	Horizontal	87	1.00	-	71.81	27.60	3.92	-

802.11b_Nss1,(1Mbps)_2TX

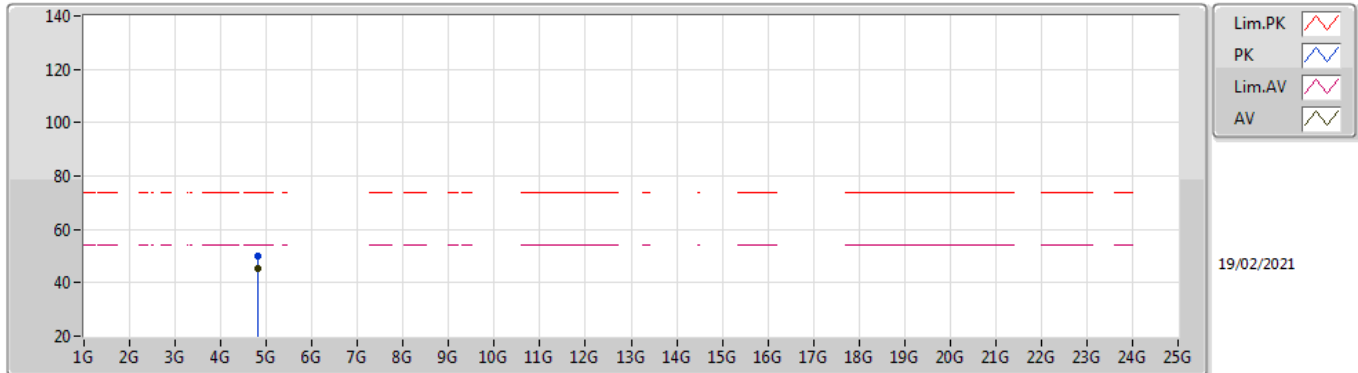
2412MHz_TX



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	4.82396G	53.64	54.00	-0.36	1.58	3	Vertical	10	1.25	-	52.06	31.20	5.31	34.93
PK	4.82403G	55.66	74.00	-18.34	1.58	3	Vertical	10	1.25	-	54.08	31.20	5.31	34.93

802.11b_Nss1,(1Mbps)_2TX

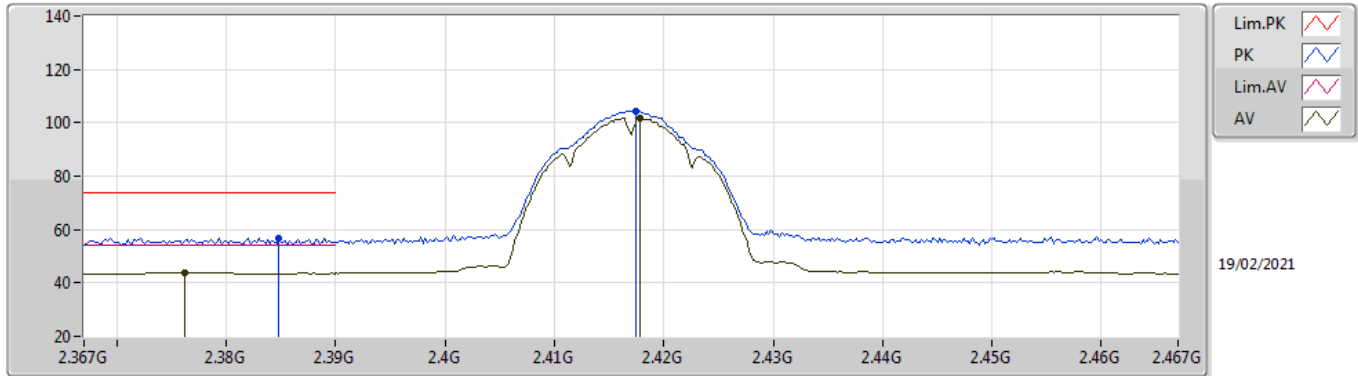
2412MHz_TX



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	4.82396G	45.42	54.00	-8.58	1.58	3	Horizontal	226	2.34	-	43.84	31.20	5.31	34.93
PK	4.82394G	49.88	74.00	-24.12	1.58	3	Horizontal	226	2.34	-	48.30	31.20	5.31	34.93

802.11b_Nss1,(1Mbps)_2TX

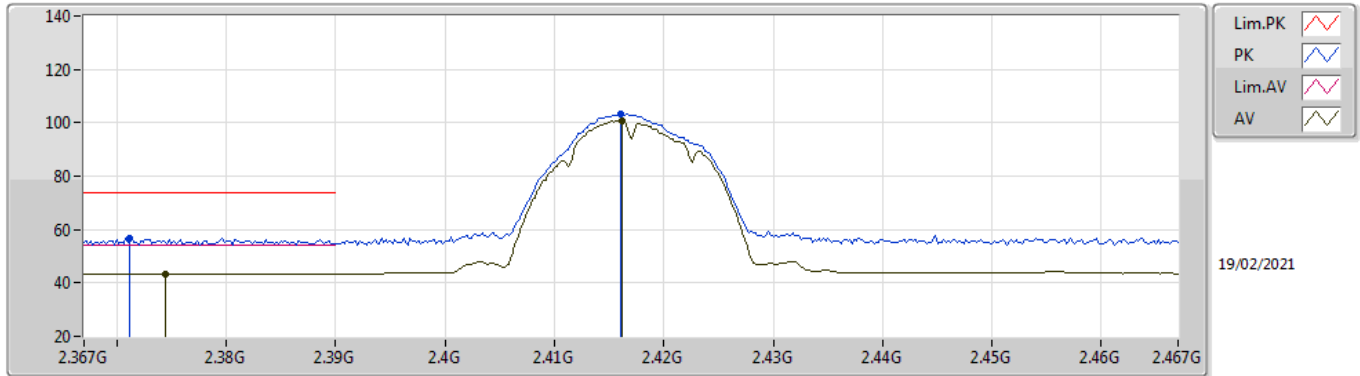
2417MHz_TX



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	2.3762G	43.85	54.00	-10.15	31.56	3	Vertical	123	3.00	-	12.29	27.70	3.86	-
AV	2.4178G	101.76	Inf	-Inf	31.53	3	Vertical	123	3.00	-	70.23	27.60	3.93	-
PK	2.3848G	56.98	74.00	-17.02	31.54	3	Vertical	123	3.00	-	25.44	27.66	3.88	-
PK	2.4174G	104.29	Inf	-Inf	31.53	3	Vertical	123	3.00	-	72.76	27.60	3.93	-

802.11b_Nss1,(1Mbps)_2TX

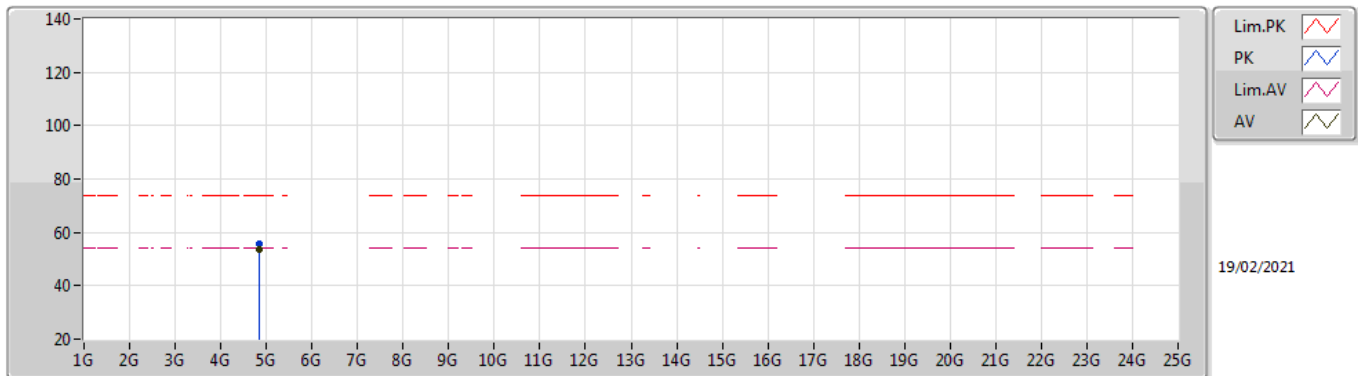
2417MHz_TX



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	2.3744G	43.47	54.00	-10.53	31.56	3	Horizontal	87	1.00	-	11.91	27.70	3.86	-
AV	2.4162G	100.89	Inf	-Inf	31.52	3	Horizontal	87	1.00	-	69.37	27.60	3.92	-
PK	2.3712G	56.82	74.00	-17.18	31.58	3	Horizontal	87	1.00	-	25.24	27.72	3.86	-
PK	2.416G	103.12	Inf	-Inf	31.52	3	Horizontal	87	1.00	-	71.60	27.60	3.92	-

802.11b_Nss1,(1Mbps)_2TX

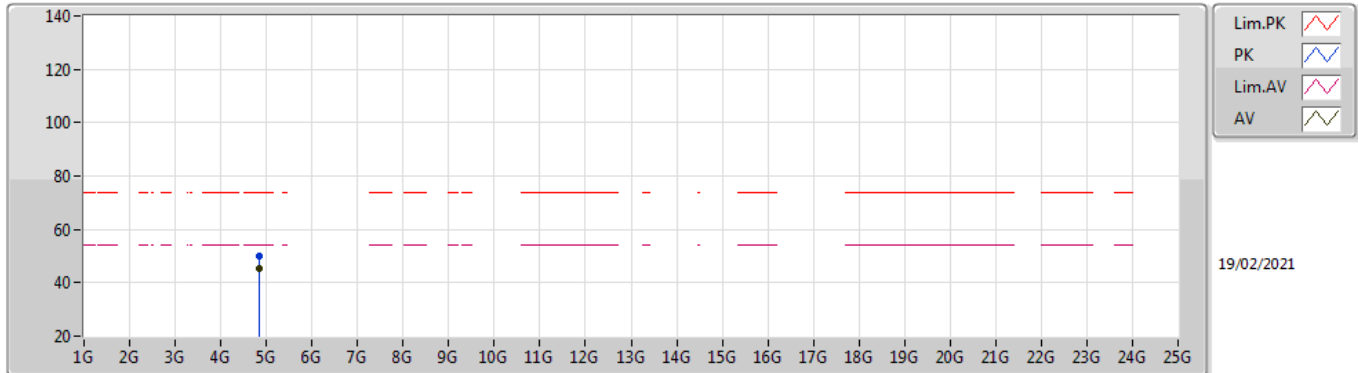
2417MHz_TX



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	4.83397G	53.86	54.00	-0.14	1.63	3	Vertical	11	1.28	-	52.23	31.24	5.32	34.93
PK	4.83395G	55.72	74.00	-18.28	1.63	3	Vertical	11	1.28	-	54.09	31.24	5.32	34.93

802.11b_Nss1,(1Mbps)_2TX

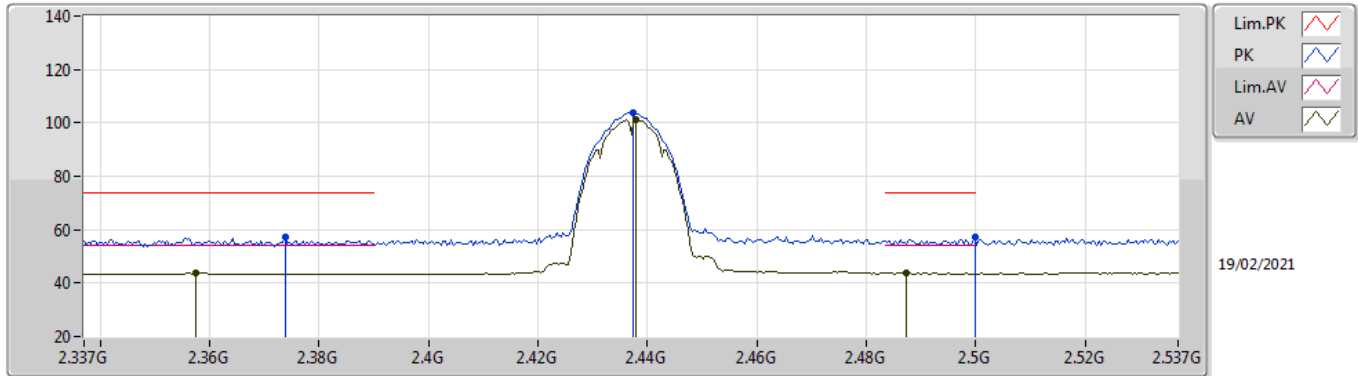
2417MHz_TX



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	4.83396G	45.47	54.00	-8.53	1.63	3	Horizontal	226	2.60	-	43.84	31.24	5.32	34.93
PK	4.83403G	49.99	74.00	-24.01	1.63	3	Horizontal	226	2.60	-	48.36	31.24	5.32	34.93

802.11b_Nss1,(1Mbps)_2TX

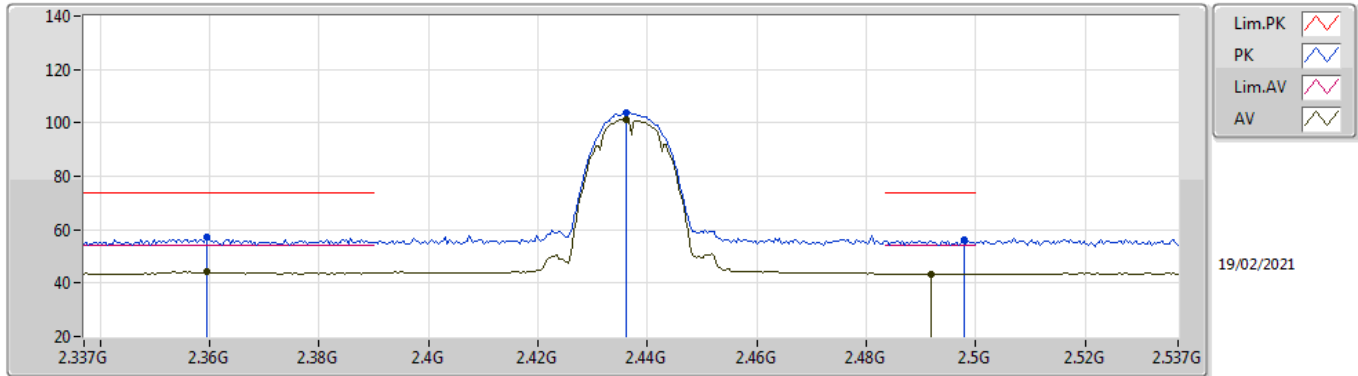
2437MHz_TX



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	2.3574G	43.73	54.00	-10.27	31.61	3	Vertical	94	2.88	-	12.12	27.77	3.84	-
AV	2.4378G	101.23	Inf	-Inf	31.56	3	Vertical	94	2.88	-	69.67	27.60	3.96	-
AV	2.4874G	43.70	54.00	-10.30	31.63	3	Vertical	94	2.88	-	12.07	27.60	4.03	-
PK	2.3738G	57.33	74.00	-16.67	31.56	3	Vertical	94	2.88	-	25.77	27.70	3.86	-
PK	2.4374G	103.68	Inf	-Inf	31.56	3	Vertical	94	2.88	-	72.12	27.60	3.96	-
PK	2.4998G	57.39	74.00	-16.61	31.65	3	Vertical	94	2.88	-	25.74	27.60	4.05	-

802.11b_Nss1,(1Mbps)_2TX

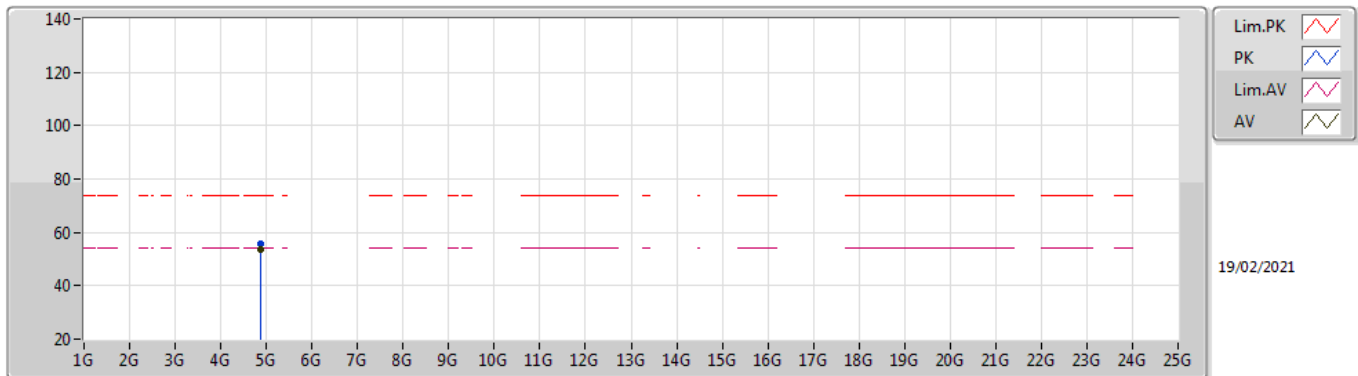
2437MHz_TX



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	2.3594G	44.12	54.00	-9.88	31.60	3	Horizontal	76	1.00	-	12.52	27.76	3.84	-
AV	2.4362G	101.43	Inf	-Inf	31.55	3	Horizontal	76	1.00	-	69.88	27.60	3.95	-
AV	2.4918G	43.51	54.00	-10.49	31.64	3	Horizontal	76	1.00	-	11.87	27.60	4.04	-
PK	2.3594G	57.33	74.00	-16.67	31.60	3	Horizontal	76	1.00	-	25.73	27.76	3.84	-
PK	2.4362G	103.65	Inf	-Inf	31.55	3	Horizontal	76	1.00	-	72.10	27.60	3.95	-
PK	2.4978G	56.28	74.00	-17.72	31.65	3	Horizontal	76	1.00	-	24.63	27.60	4.05	-

802.11b_Nss1,(1Mbps)_2TX

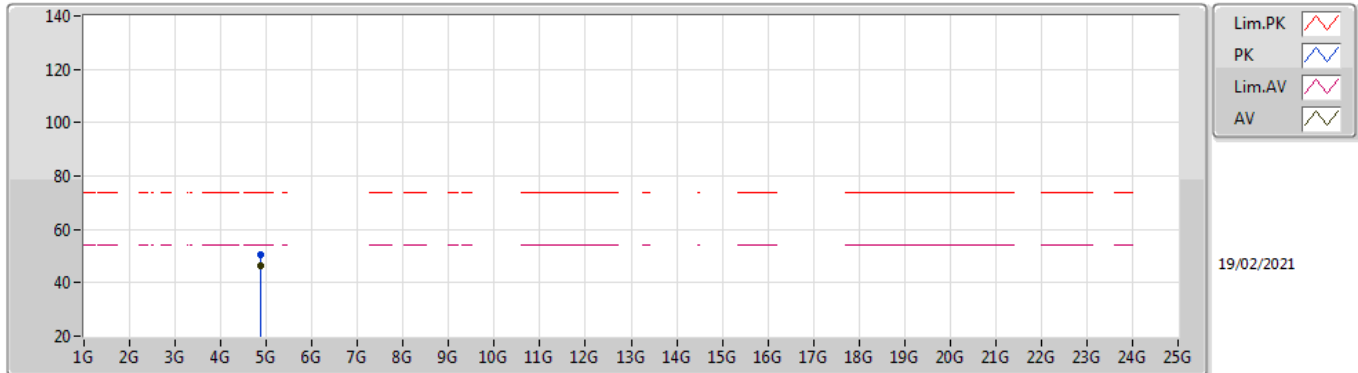
2437MHz_TX



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	4.87399G	53.86	54.00	-0.14	1.66	3	Vertical	172	1.19	-	52.20	31.25	5.34	34.93
PK	4.87395G	55.76	74.00	-18.24	1.66	3	Vertical	172	1.19	-	54.10	31.25	5.34	34.93

802.11b_Nss1,(1Mbps)_2TX

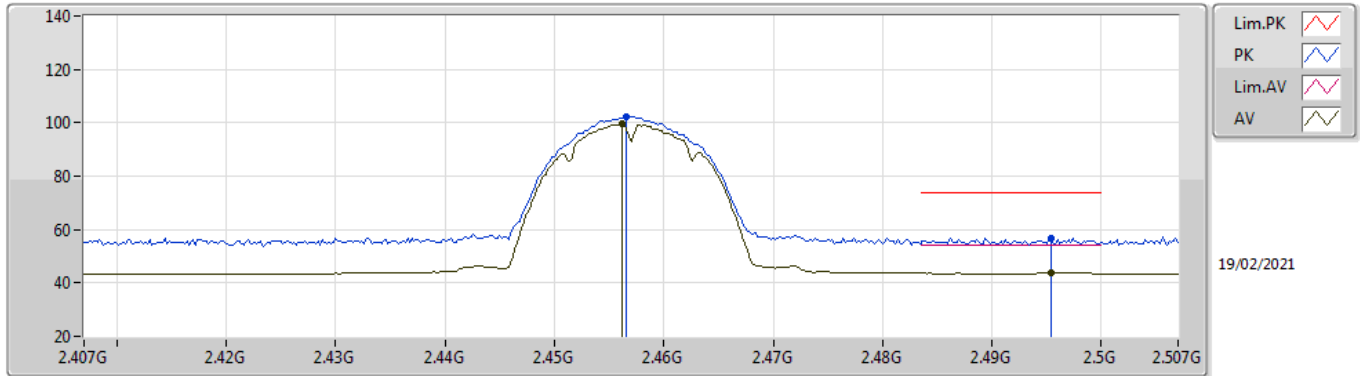
2437MHz_TX



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	4.87397G	46.46	54.00	-7.54	1.66	3	Horizontal	227	1.13	-	44.80	31.25	5.34	34.93
PK	4.87399G	50.71	74.00	-23.29	1.66	3	Horizontal	227	1.13	-	49.05	31.25	5.34	34.93

802.11b_Nss1,(1Mbps)_2TX

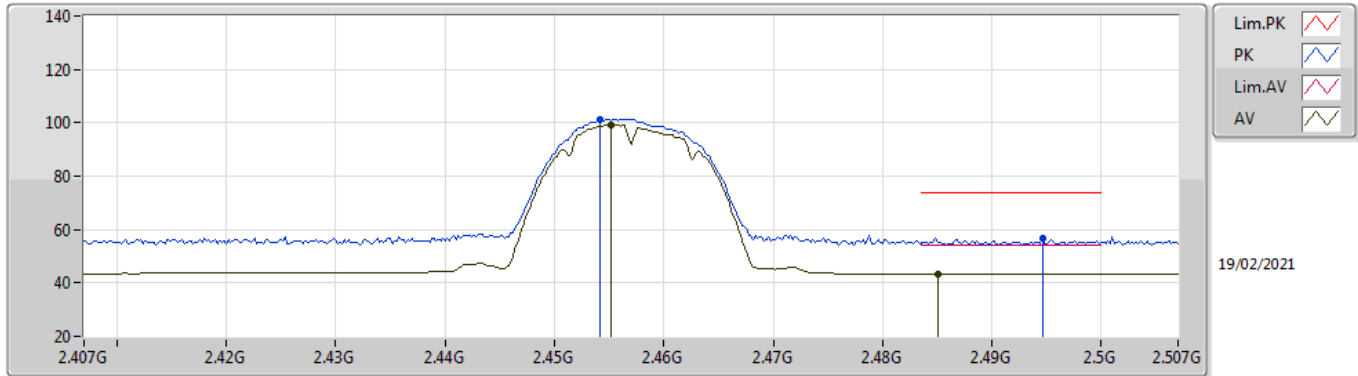
2457MHz_TX



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	2.4562G	99.66	Inf	-Inf	31.58	3	Vertical	95	2.82	-	68.08	27.60	3.98	-
AV	2.4954G	43.68	54.00	-10.32	31.64	3	Vertical	95	2.82	-	12.04	27.60	4.04	-
PK	2.4566G	102.10	Inf	-Inf	31.58	3	Vertical	95	2.82	-	70.52	27.60	3.98	-
PK	2.4954G	56.57	74.00	-17.43	31.64	3	Vertical	95	2.82	-	24.93	27.60	4.04	-

802.11b_Nss1,(1Mbps)_2TX

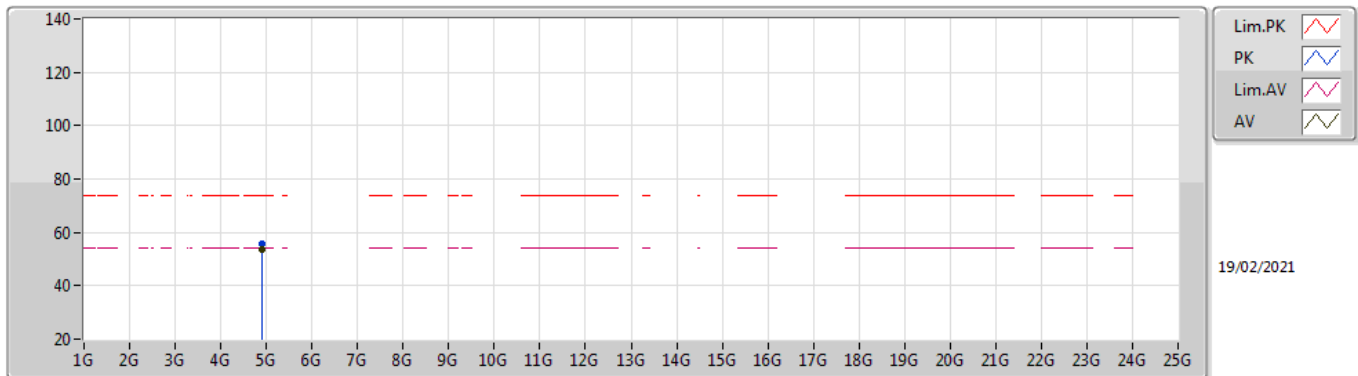
2457MHz_TX



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	2.4552G	99.24	Inf	-Inf	31.58	3	Horizontal	76	1.19	-	67.66	27.60	3.98	-
AV	2.485G	43.38	54.00	-10.62	31.63	3	Horizontal	76	1.19	-	11.75	27.60	4.03	-
PK	2.4542G	101.41	Inf	-Inf	31.58	3	Horizontal	76	1.19	-	69.83	27.60	3.98	-
PK	2.4946G	56.58	74.00	-17.42	31.64	3	Horizontal	76	1.19	-	24.94	27.60	4.04	-

802.11b_Nss1,(1Mbps)_2TX

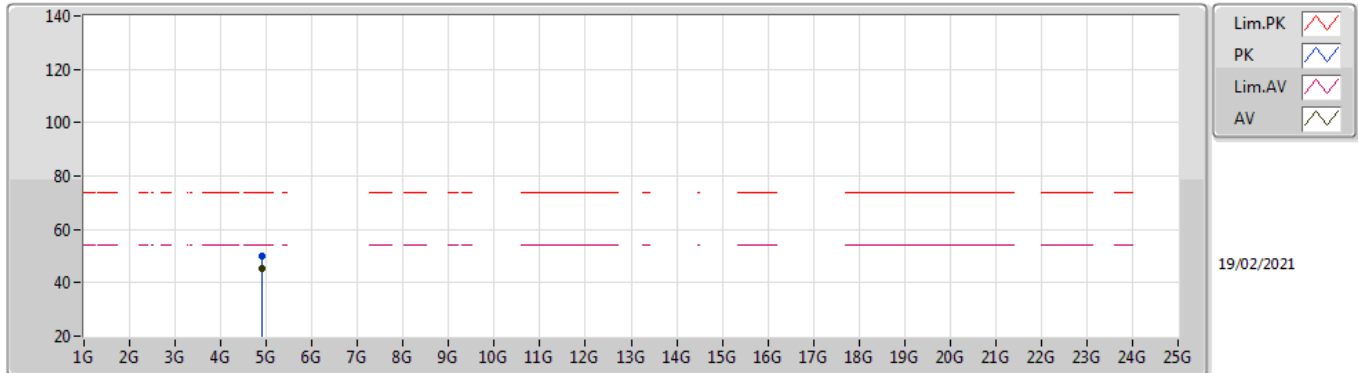
2457MHz_TX



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	4.91396G	53.64	54.00	-0.36	1.69	3	Vertical	13	1.08	-	51.95	31.26	5.36	34.93
PK	4.91398G	55.77	74.00	-18.23	1.69	3	Vertical	13	1.08	-	54.08	31.26	5.36	34.93

802.11b_Nss1,(1Mbps)_2TX

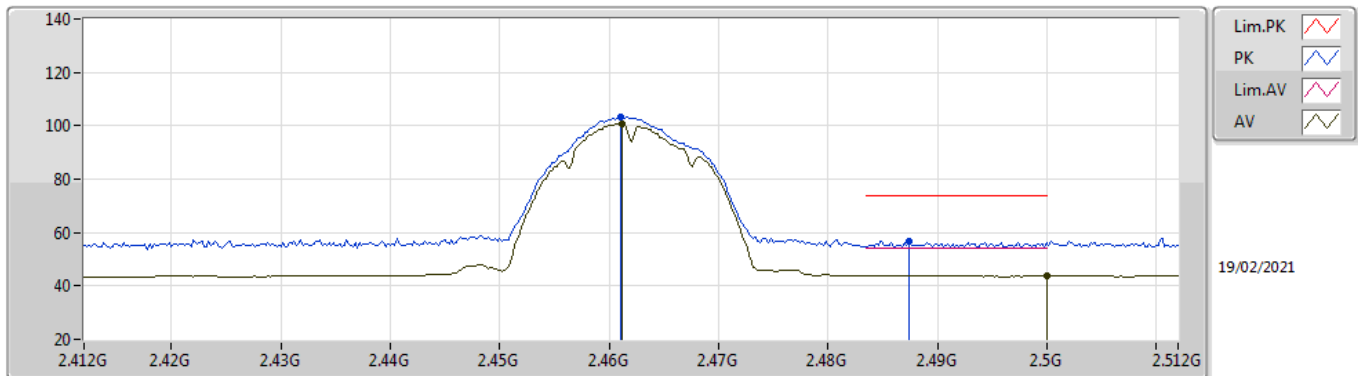
2457MHz_TX



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	4.91397G	45.45	54.00	-8.55	1.69	3	Horizontal	64	1.04	-	43.76	31.26	5.36	34.93
PK	4.91379G	49.85	74.00	-24.15	1.69	3	Horizontal	64	1.04	-	48.16	31.26	5.36	34.93

802.11b_Nss1,(1Mbps)_2TX

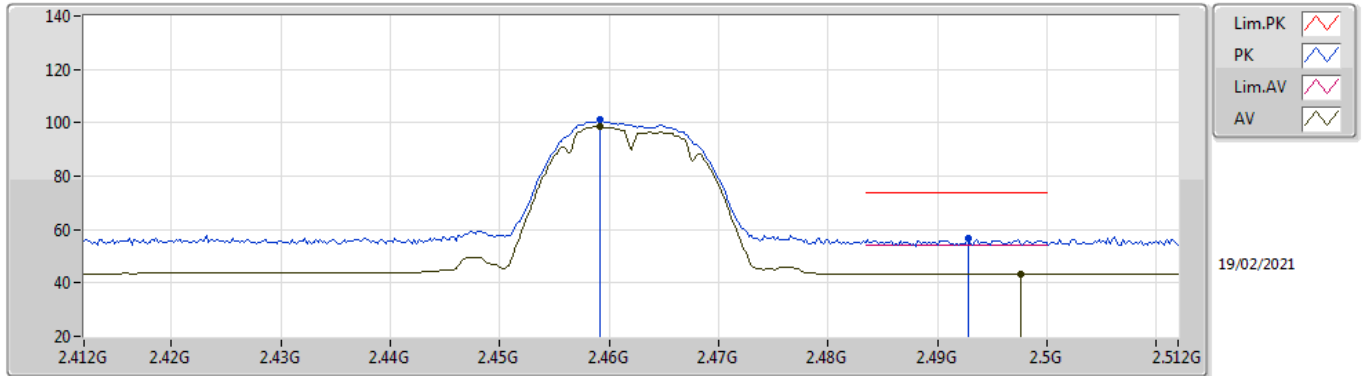
2462MHz_TX



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	2.4612G	100.86	Inf	-Inf	31.59	3	Vertical	120	2.58	-	69.27	27.60	3.99	-
AV	2.5G	43.82	54.00	-10.18	31.65	3	Vertical	120	2.58	-	12.17	27.60	4.05	-
PK	2.461G	103.10	Inf	-Inf	31.59	3	Vertical	120	2.58	-	71.51	27.60	3.99	-
PK	2.4874G	56.74	74.00	-17.26	31.63	3	Vertical	120	2.58	-	25.11	27.60	4.03	-

802.11b_Nss1,(1Mbps)_2TX

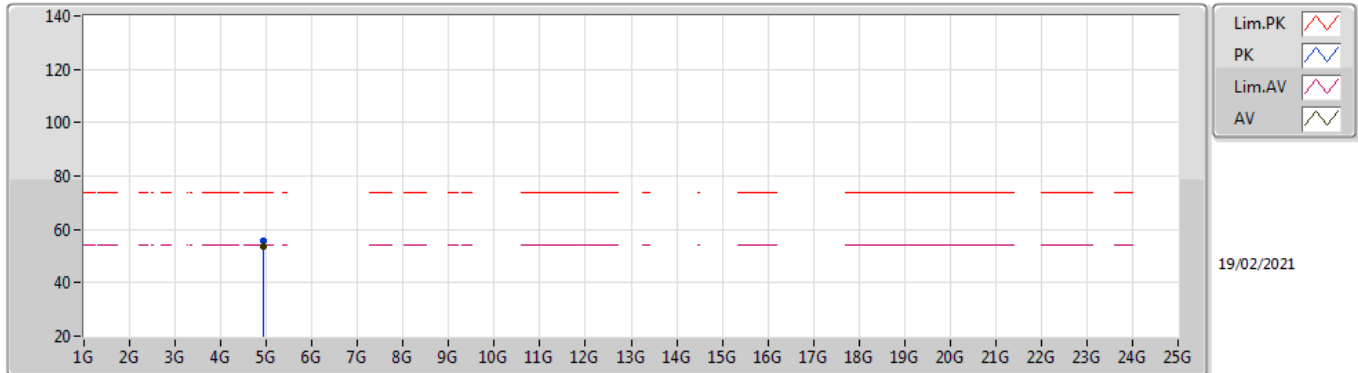
2462MHz_TX



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	2.4592G	98.50	Inf	-Inf	31.59	3	Horizontal	58	1.19	-	66.91	27.60	3.99	-
AV	2.4976G	43.33	54.00	-10.67	31.65	3	Horizontal	58	1.19	-	11.68	27.60	4.05	-
PK	2.4592G	101.23	Inf	-Inf	31.59	3	Horizontal	58	1.19	-	69.64	27.60	3.99	-
PK	2.4928G	56.55	74.00	-17.45	31.64	3	Horizontal	58	1.19	-	24.91	27.60	4.04	-

802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX

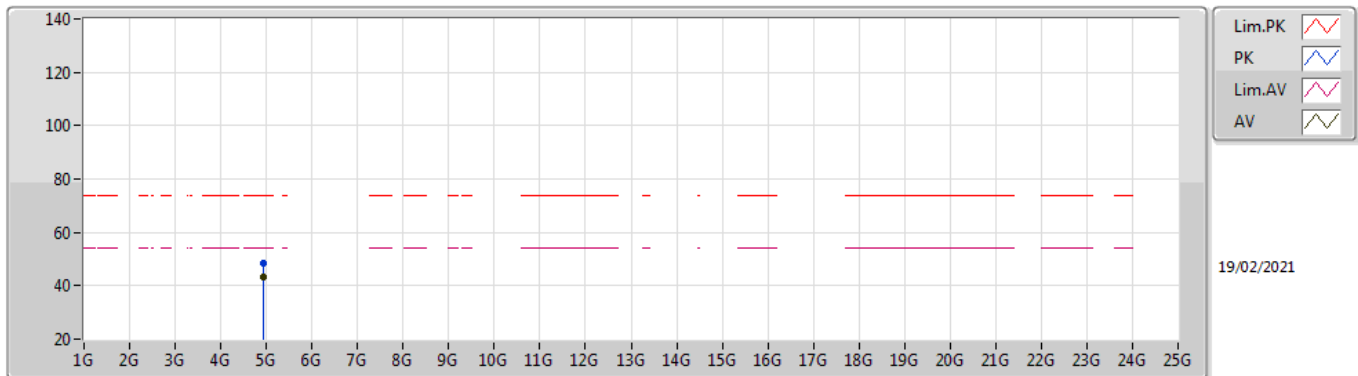


19/02/2021

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	4.92396G	53.87	54.00	-0.13	1.72	3	Vertical	14	1.03	-	52.15	31.30	5.36	34.94
PK	4.92397G	55.76	74.00	-18.24	1.72	3	Vertical	14	1.03	-	54.04	31.30	5.36	34.94

802.11b_Nss1,(1Mbps)_2TX

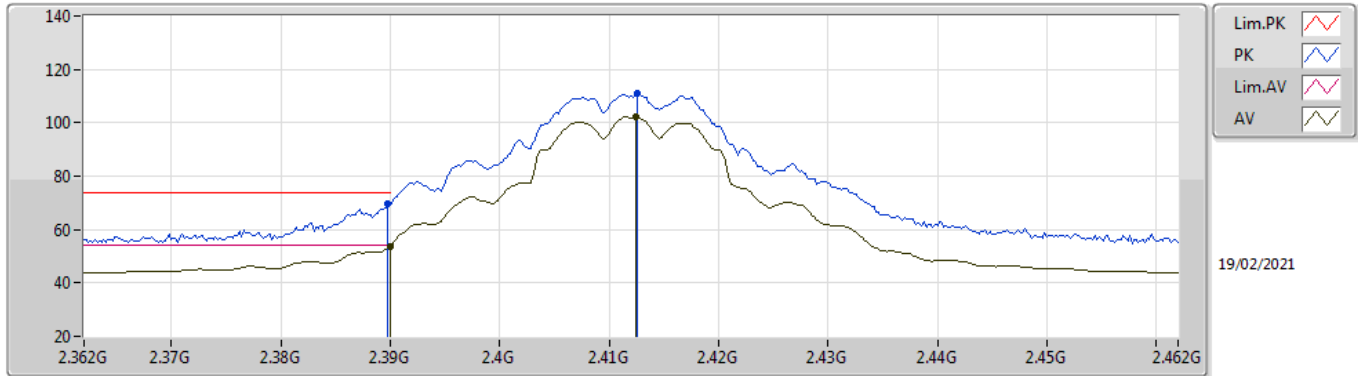
2462MHz_TX



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	4.92396G	43.06	54.00	-10.94	1.72	3	Horizontal	228	2.52	-	41.34	31.30	5.36	34.94
PK	4.92399G	48.33	74.00	-25.67	1.72	3	Horizontal	228	2.52	-	46.61	31.30	5.36	34.94

802.11g_Nss1,(6Mbps)_2TX

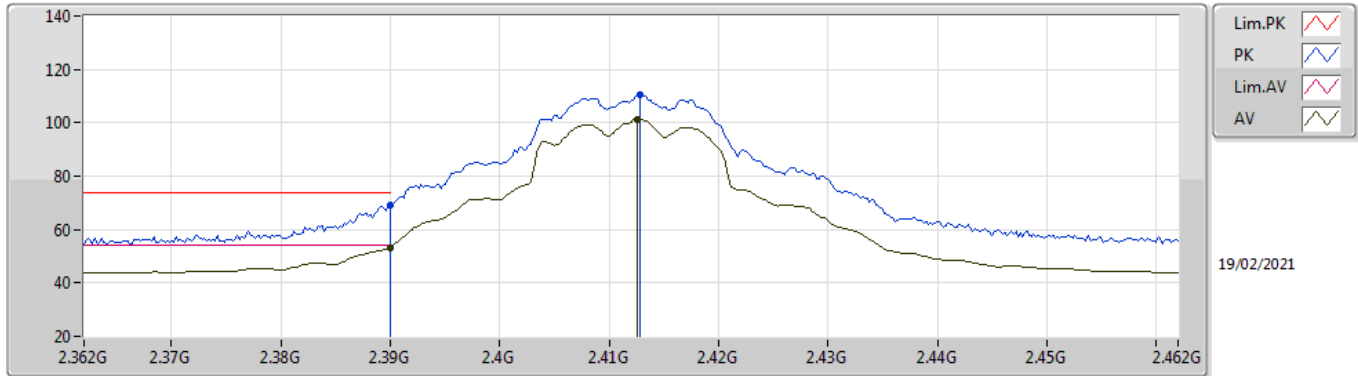
2412MHz_TX



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	53.73	54.00	-0.27	31.52	3	Vertical	123	2.72	-	22.21	27.64	3.88	-
AV	2.4124G	102.25	Inf	-Inf	31.52	3	Vertical	123	2.72	-	70.73	27.60	3.92	-
PK	2.3898G	69.42	74.00	-4.58	31.52	3	Vertical	123	2.72	-	37.90	27.64	3.88	-
PK	2.4126G	110.94	Inf	-Inf	31.52	3	Vertical	123	2.72	-	79.42	27.60	3.92	-

802.11g_Nss1,(6Mbps)_2TX

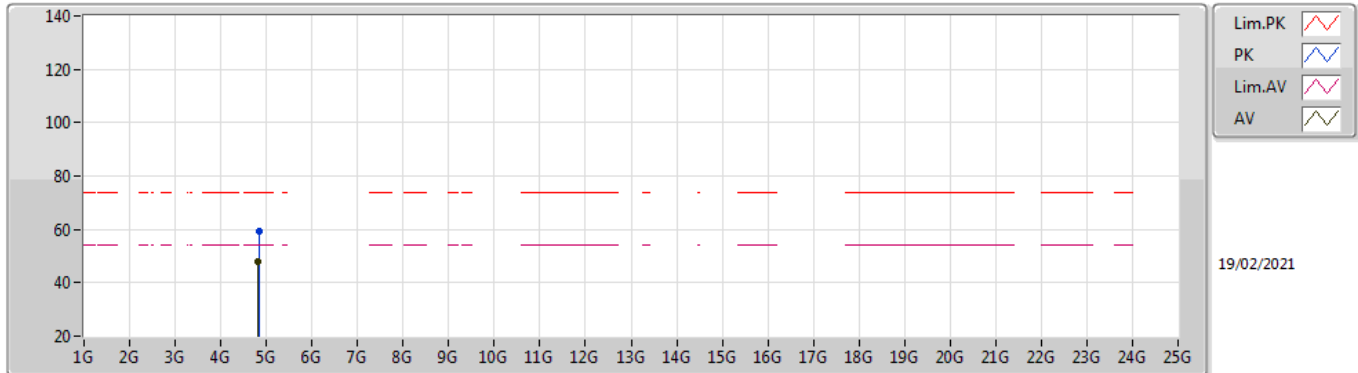
2412MHz_TX



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	53.03	54.00	-0.97	31.52	3	Horizontal	88	1.00	-	21.51	27.64	3.88	-
AV	2.4126G	101.36	Inf	-Inf	31.52	3	Horizontal	88	1.00	-	69.84	27.60	3.92	-
PK	2.39G	69.04	74.00	-4.96	31.52	3	Horizontal	88	1.00	-	37.52	27.64	3.88	-
PK	2.4128G	110.31	Inf	-Inf	31.52	3	Horizontal	88	1.00	-	78.79	27.60	3.92	-

802.11g_Nss1,(6Mbps)_2TX

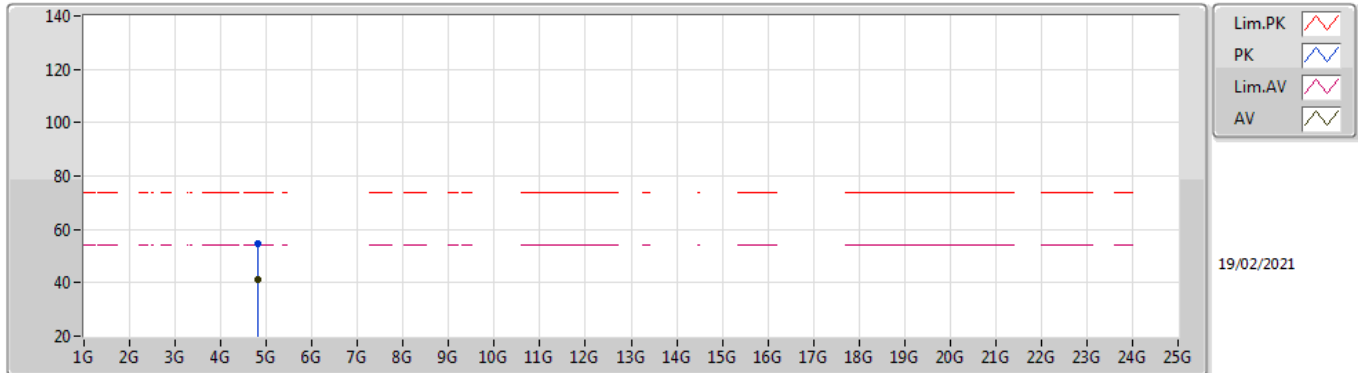
2412MHz_TX



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	4.82402G	47.97	54.00	-6.03	1.58	3	Vertical	12	1.26	-	46.39	31.20	5.31	34.93
PK	4.82886G	59.52	74.00	-14.48	1.60	3	Vertical	12	1.26	-	57.92	31.22	5.31	34.93

802.11g_Nss1,(6Mbps)_2TX

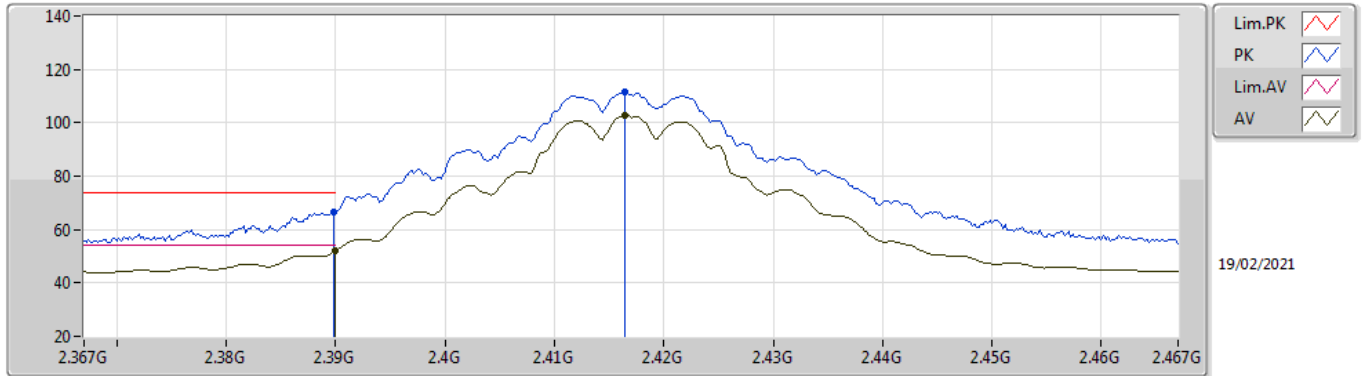
2412MHz_TX



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	4.82748G	41.19	54.00	-12.81	1.59	3	Horizontal	69	1.01	-	39.60	31.21	5.31	34.93
PK	4.82258G	54.56	74.00	-19.44	1.57	3	Horizontal	69	1.01	-	52.99	31.19	5.31	34.93

802.11g_Nss1,(6Mbps)_2TX

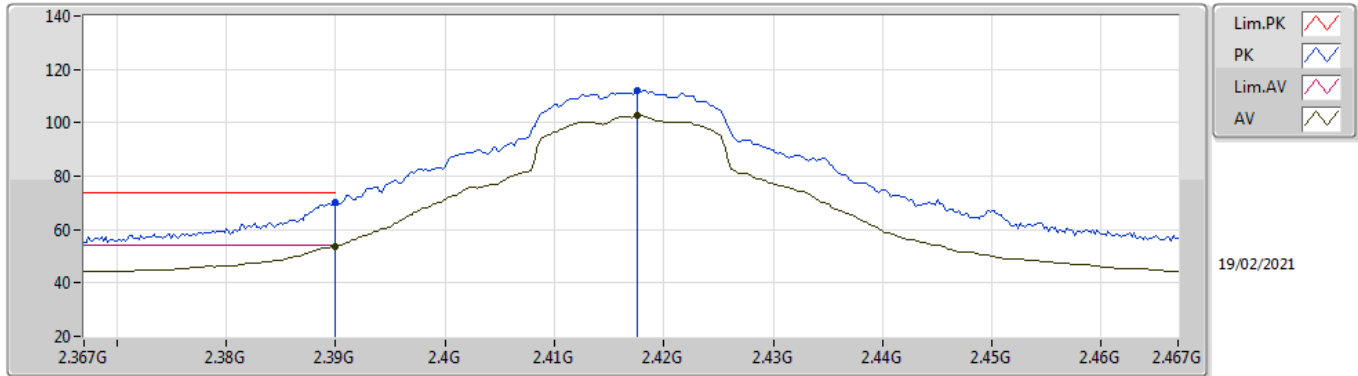
2417MHz_TX



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	2.39G	52.00	54.00	-2.00	31.52	3	Vertical	131	2.74	-	20.48	27.64	3.88	-
AV	2.4164G	102.98	Inf	-Inf	31.52	3	Vertical	131	2.74	-	71.46	27.60	3.92	-
PK	2.3898G	66.72	74.00	-7.28	31.52	3	Vertical	131	2.74	-	35.20	27.64	3.88	-
PK	2.4164G	111.66	Inf	-Inf	31.52	3	Vertical	131	2.74	-	80.14	27.60	3.92	-

802.11g_Nss1,(6Mbps)_2TX

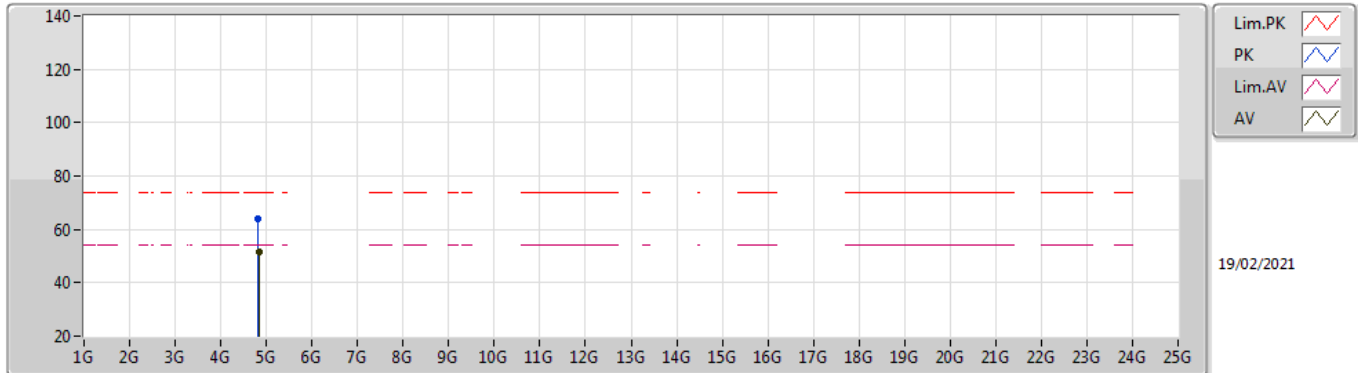
2417MHz_TX



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	2.39G	53.76	54.00	-0.24	31.52	3	Horizontal	76	1.16	-	22.24	27.64	3.88	-
AV	2.4176G	102.70	Inf	-Inf	31.53	3	Horizontal	76	1.16	-	71.17	27.60	3.93	-
PK	2.39G	70.08	74.00	-3.92	31.52	3	Horizontal	76	1.16	-	38.56	27.64	3.88	-
PK	2.4176G	112.22	Inf	-Inf	31.53	3	Horizontal	76	1.16	-	80.69	27.60	3.93	-

802.11g_Nss1,(6Mbps)_2TX

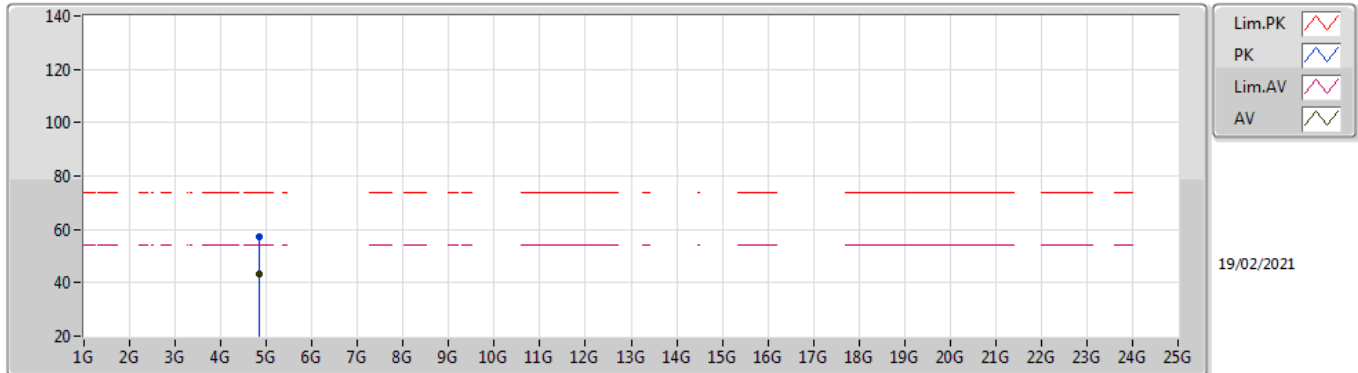
2417MHz_TX



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	4.83392G	51.50	54.00	-2.50	1.63	3	Vertical	10	1.00	-	49.87	31.24	5.32	34.93
PK	4.82836G	63.77	74.00	-10.23	1.59	3	Vertical	10	1.00	-	62.18	31.21	5.31	34.93

802.11g_Nss1,(6Mbps)_2TX

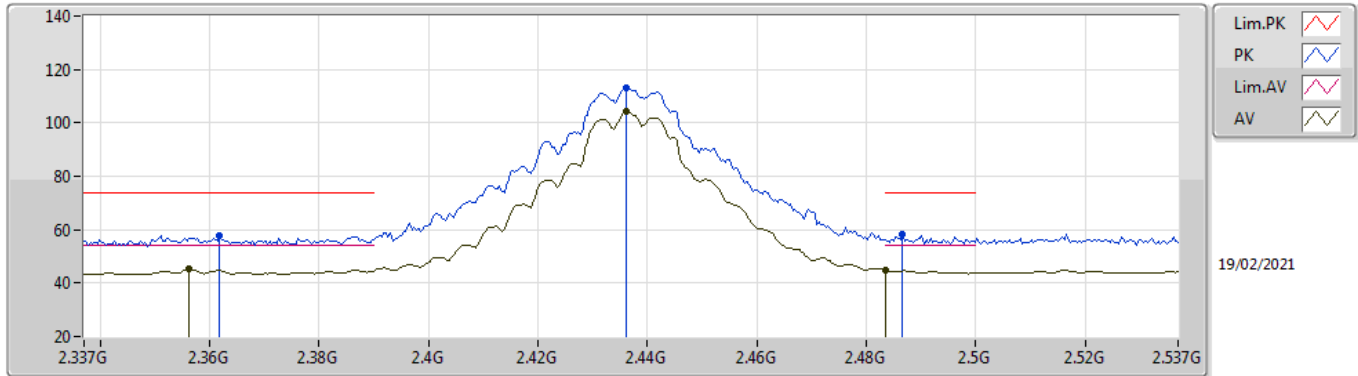
2417MHz_TX



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	4.83244G	43.53	54.00	-10.47	1.62	3	Horizontal	70	1.15	-	41.91	31.23	5.32	34.93
PK	4.83692G	57.20	74.00	-16.80	1.64	3	Horizontal	70	1.15	-	55.56	31.25	5.32	34.93

802.11g_Nss1,(6Mbps)_2TX

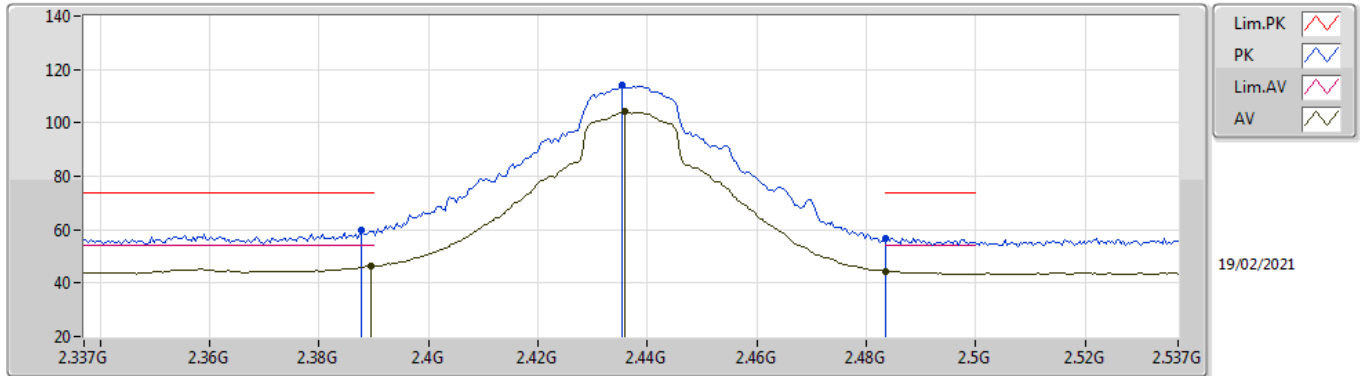
2437MHz_TX



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	2.3562G	45.11	54.00	-8.89	31.61	3	Vertical	137	2.94	-	13.50	27.78	3.83	-
AV	2.4362G	104.22	Inf	-Inf	31.55	3	Vertical	137	2.94	-	72.67	27.60	3.95	-
AV	2.4835G	44.81	54.00	-9.19	31.63	3	Vertical	137	2.94	-	13.18	27.60	4.03	-
PK	2.3618G	57.83	74.00	-16.17	31.59	3	Vertical	137	2.94	-	26.24	27.75	3.84	-
PK	2.4362G	113.28	Inf	-Inf	31.55	3	Vertical	137	2.94	-	81.73	27.60	3.95	-
PK	2.4866G	58.06	74.00	-15.94	31.63	3	Vertical	137	2.94	-	26.43	27.60	4.03	-

802.11g_Nss1,(6Mbps)_2TX

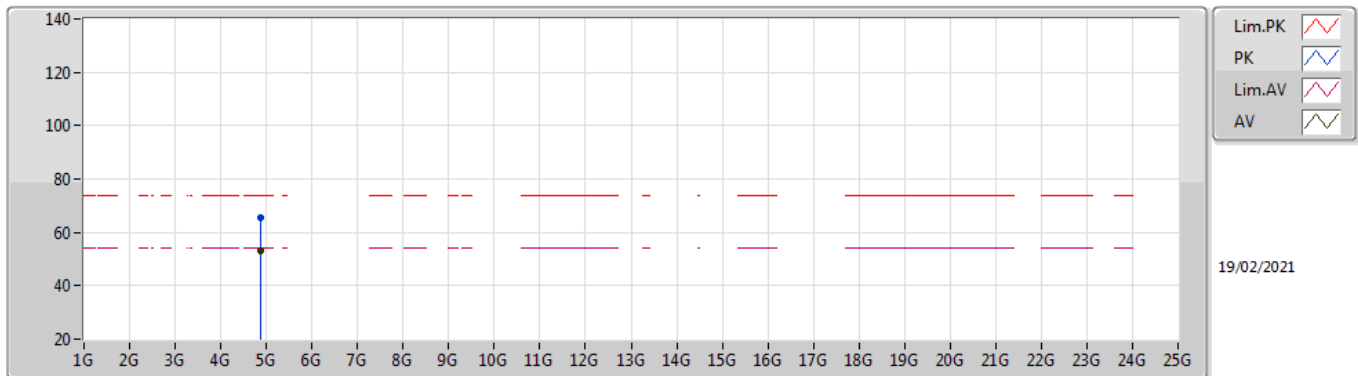
2437MHz_TX



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	2.3894G	46.40	54.00	-7.60	31.52	3	Horizontal	69	1.00	-	14.88	27.64	3.88	-
AV	2.4358G	104.12	Inf	-Inf	31.55	3	Horizontal	69	1.00	-	72.57	27.60	3.95	-
AV	2.4835G	44.48	54.00	-9.52	31.63	3	Horizontal	69	1.00	-	12.85	27.60	4.03	-
PK	2.3878G	59.74	74.00	-14.26	31.53	3	Horizontal	69	1.00	-	28.21	27.65	3.88	-
PK	2.4354G	113.98	Inf	-Inf	31.55	3	Horizontal	69	1.00	-	82.43	27.60	3.95	-
PK	2.4835G	56.83	74.00	-17.17	31.63	3	Horizontal	69	1.00	-	25.20	27.60	4.03	-

802.11g_Nss1,(6Mbps)_2TX

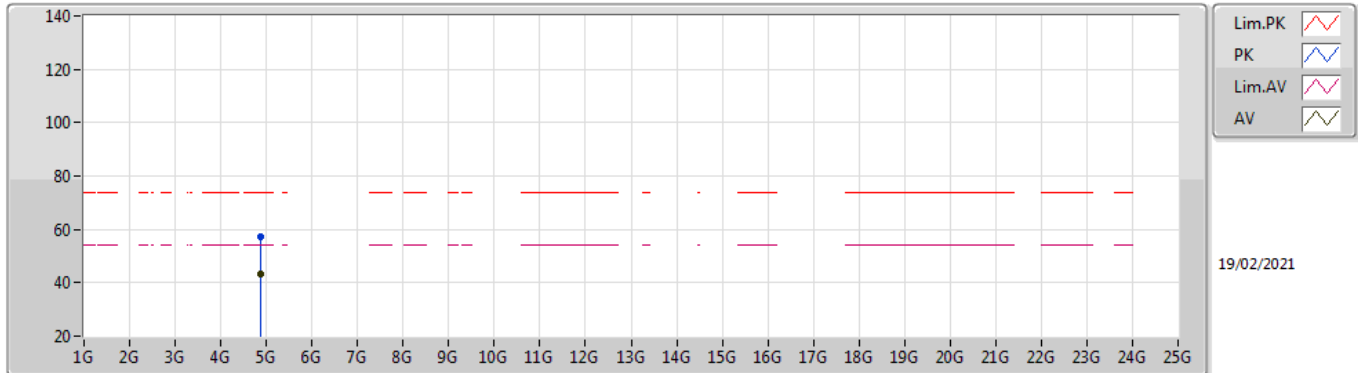
2437MHz_TX



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	53.13	54.00	-0.87	1.66	3	Vertical	13.9	1.04	-	51.47	31.25	5.34	34.93
PK	4.8684G	65.26	74.00	-8.74	1.66	3	Vertical	13.9	1.04	-	63.60	31.26	5.33	34.93

802.11g_Nss1,(6Mbps)_2TX

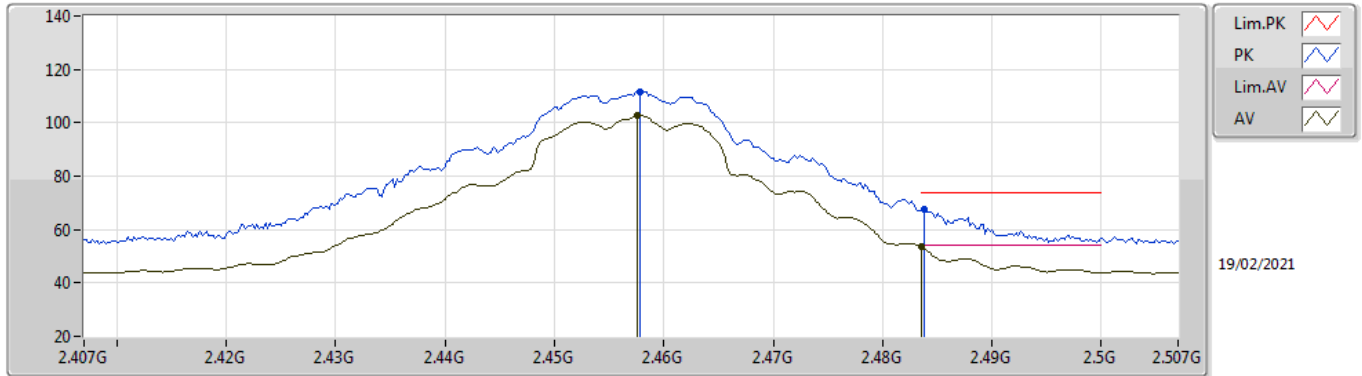
2437MHz_TX



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	4.87684G	43.11	54.00	-10.89	1.66	3	Horizontal	76	2.32	-	41.45	31.25	5.34	34.93
PK	4.8768G	57.22	74.00	-16.78	1.66	3	Horizontal	76	2.32	-	55.56	31.25	5.34	34.93

802.11g_Nss1,(6Mbps)_2TX

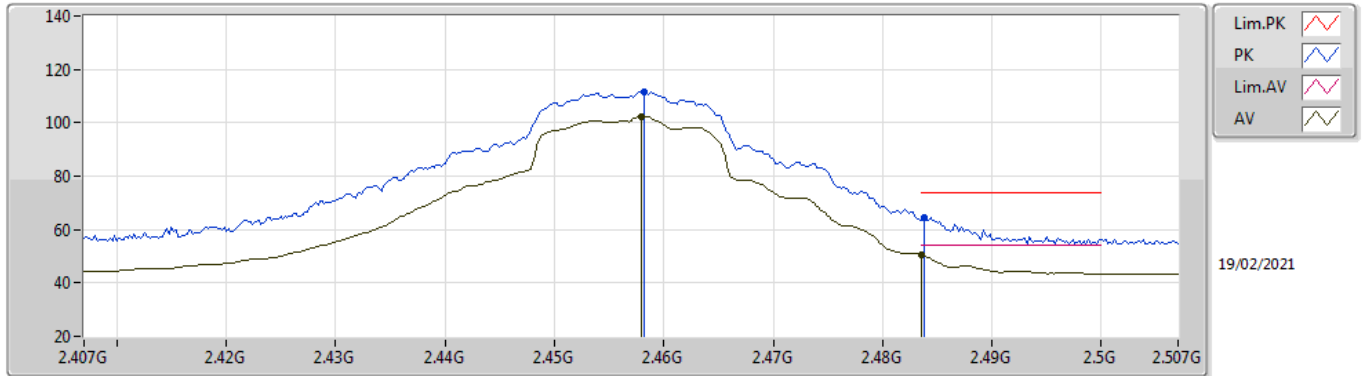
2457MHz_TX



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	2.4576G	102.61	Inf	-Inf	31.59	3	Vertical	101	2.83	-	71.02	27.60	3.99	-
AV	2.4835G	53.54	54.00	-0.46	31.63	3	Vertical	101	2.83	-	21.91	27.60	4.03	-
PK	2.4578G	111.80	Inf	-Inf	31.59	3	Vertical	101	2.83	-	80.21	27.60	3.99	-
PK	2.4838G	67.60	74.00	-6.40	31.63	3	Vertical	101	2.83	-	35.97	27.60	4.03	-

802.11g_Nss1,(6Mbps)_2TX

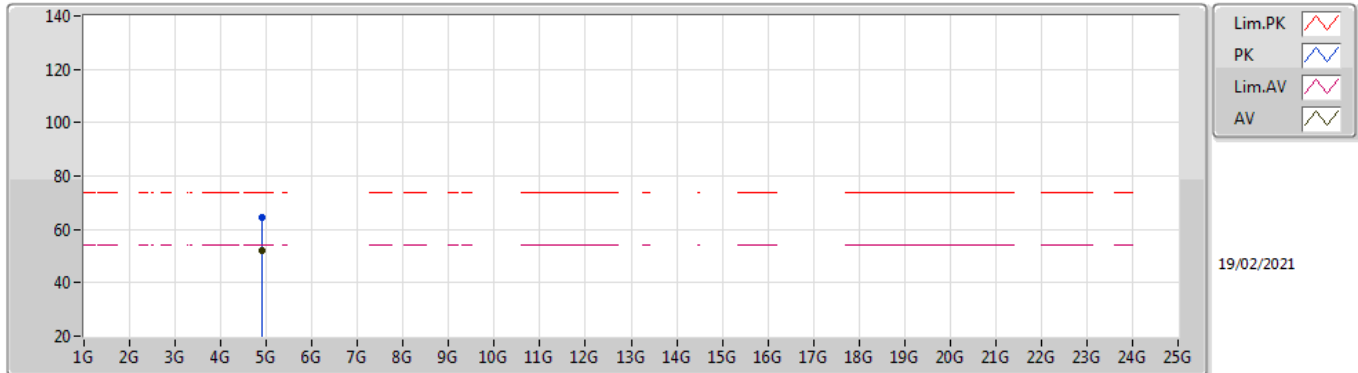
2457MHz_TX



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	2.458G	102.24	Inf	-Inf	31.59	3	Horizontal	77	1.17	-	70.65	27.60	3.99	-
AV	2.4835G	50.56	54.00	-3.44	31.63	3	Horizontal	77	1.17	-	18.93	27.60	4.03	-
PK	2.4582G	111.62	Inf	-Inf	31.59	3	Horizontal	77	1.17	-	80.03	27.60	3.99	-
PK	2.4838G	64.46	74.00	-9.54	31.63	3	Horizontal	77	1.17	-	32.83	27.60	4.03	-

802.11g_Nss1,(6Mbps)_2TX

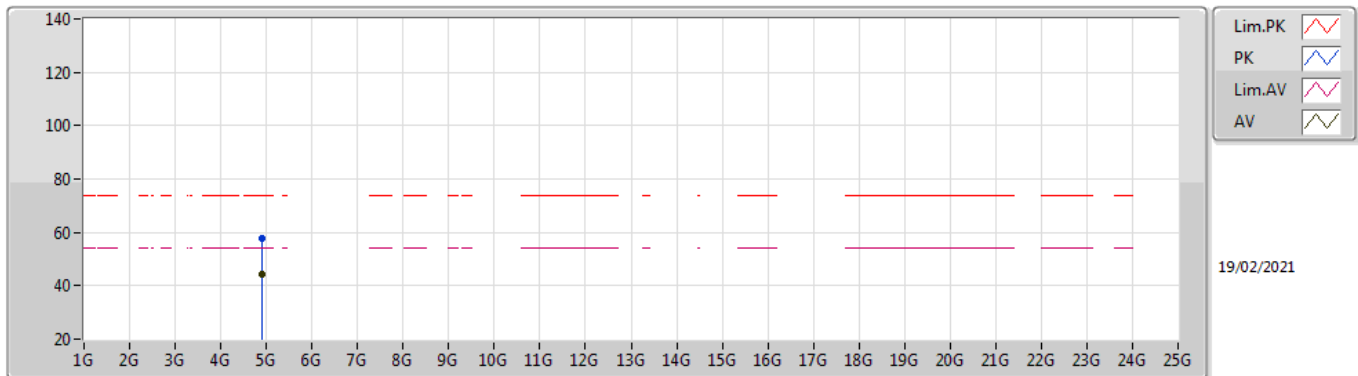
2457MHz_TX



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	4.91392G	52.29	54.00	-1.71	1.69	3	Vertical	15	1.00	-	50.60	31.26	5.36	34.93
PK	4.90844G	64.68	74.00	-9.32	1.65	3	Vertical	15	1.00	-	63.03	31.23	5.35	34.93

802.11g_Nss1,(6Mbps)_2TX

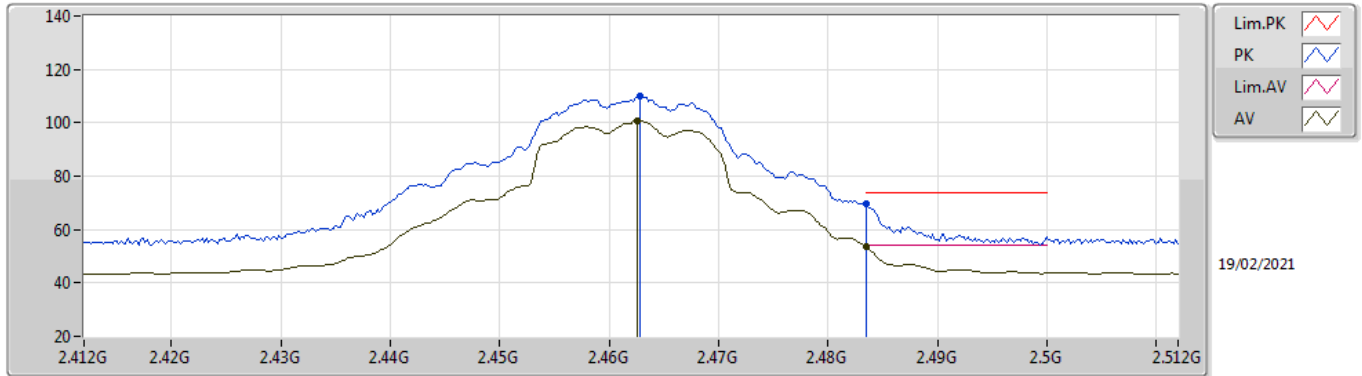
2457MHz_TX



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	4.91376G	44.21	54.00	-9.79	1.69	3	Horizontal	64	1.04	-	42.52	31.26	5.36	34.93
PK	4.90832G	57.71	74.00	-16.29	1.65	3	Horizontal	64	1.04	-	56.06	31.23	5.35	34.93

802.11g_Nss1,(6Mbps)_2TX

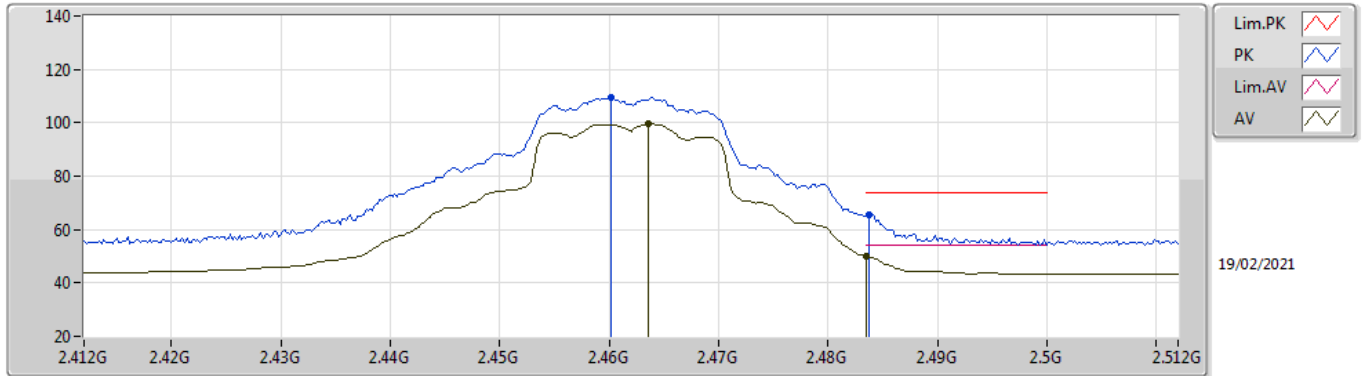
2462MHz_TX



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	2.4626G	100.78	Inf	-Inf	31.59	3	Vertical	101	2.83	-	69.19	27.60	3.99	-
AV	2.4835G	53.72	54.00	-0.28	31.63	3	Vertical	101	2.83	-	22.09	27.60	4.03	-
PK	2.4628G	109.89	Inf	-Inf	31.59	3	Vertical	101	2.83	-	78.30	27.60	3.99	-
PK	2.4835G	69.46	74.00	-4.54	31.63	3	Vertical	101	2.83	-	37.83	27.60	4.03	-

802.11g_Nss1,(6Mbps)_2TX

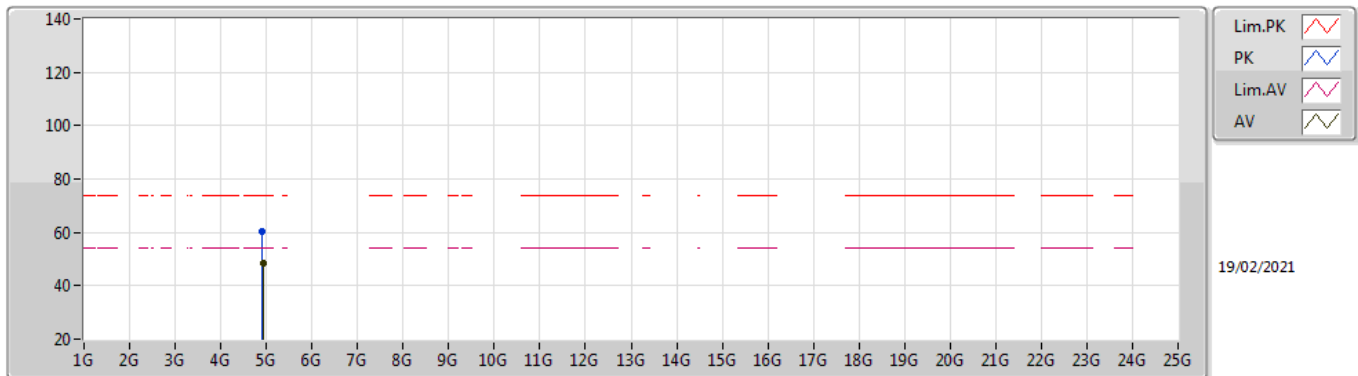
2462MHz_TX



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	2.4636G	99.69	Inf	-Inf	31.60	3	Horizontal	59	1.13	-	68.09	27.60	4.00	-
AV	2.4835G	50.03	54.00	-3.97	31.63	3	Horizontal	59	1.13	-	18.40	27.60	4.03	-
PK	2.4602G	109.31	Inf	-Inf	31.59	3	Horizontal	59	1.13	-	77.72	27.60	3.99	-
PK	2.4838G	65.53	74.00	-8.47	31.63	3	Horizontal	59	1.13	-	33.90	27.60	4.03	-

802.11g_Nss1,(6Mbps)_2TX

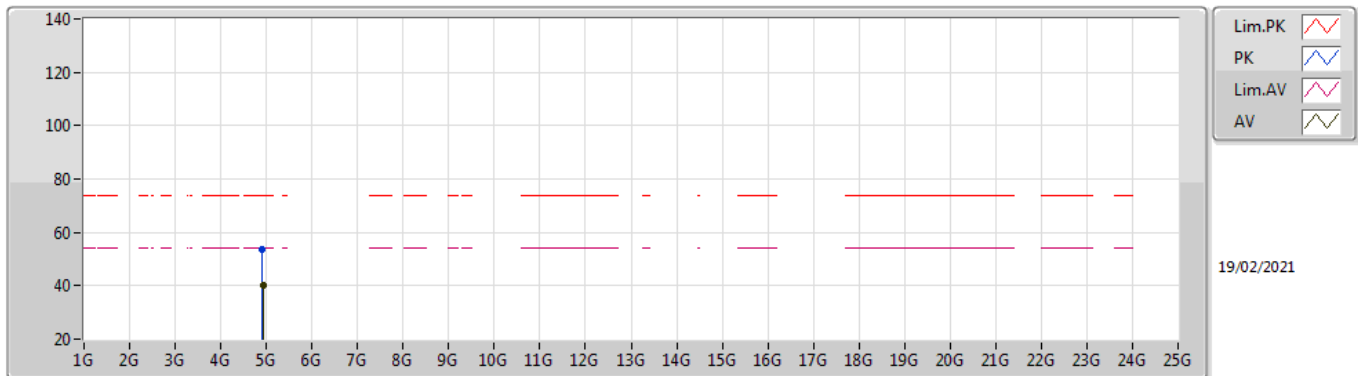
2462MHz_TX



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	48.67	54.00	-5.33	1.72	3	Vertical	15	1.03	-	46.95	31.30	5.36	34.94
PK	4.91828G	60.53	74.00	-13.47	1.69	3	Vertical	15	1.03	-	58.84	31.27	5.36	34.94

802.11g_Nss1,(6Mbps)_2TX

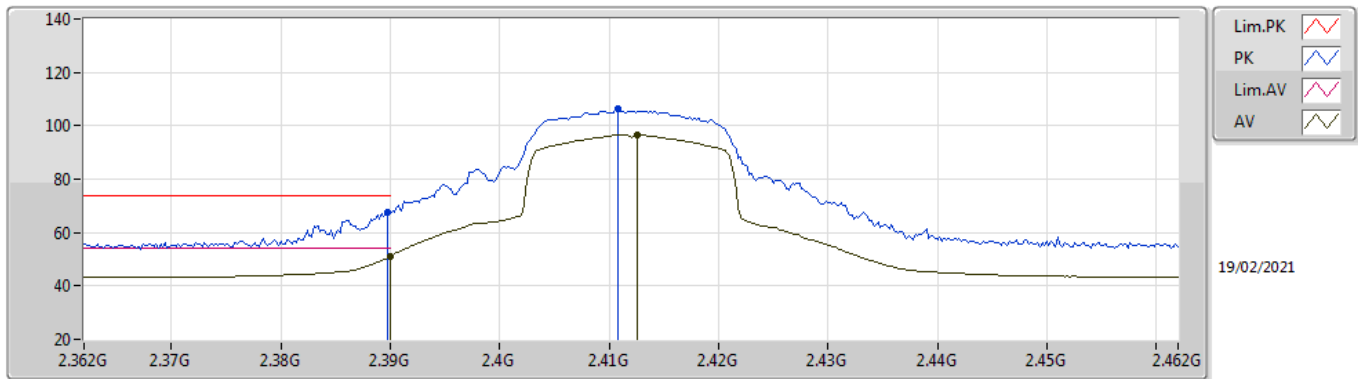
2462MHz_TX



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	4.92376G	40.07	54.00	-13.93	1.72	3	Horizontal	67	1.00	-	38.35	31.30	5.36	34.94
PK	4.91836G	53.54	74.00	-20.46	1.69	3	Horizontal	67	1.00	-	51.85	31.27	5.36	34.94

VHT20_Nss1,(MCS0)_2TX

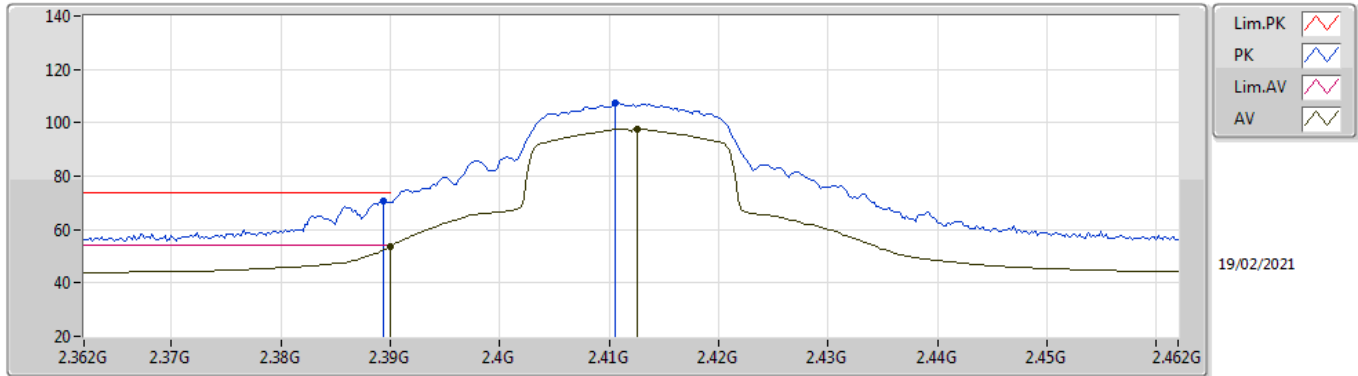
2412MHz_TX



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	51.07	54.00	-2.93	31.52	3	Vertical	221	2.42	-	19.55	27.64	3.88	-
AV	2.4126G	96.73	Inf	-Inf	31.52	3	Vertical	221	2.42	-	65.21	27.60	3.92	-
PK	2.3898G	67.71	74.00	-6.29	31.52	3	Vertical	221	2.42	-	36.19	27.64	3.88	-
PK	2.4108G	106.26	Inf	-Inf	31.52	3	Vertical	221	2.42	-	74.74	27.60	3.92	-

VHT20_Nss1,(MCS0)_2TX

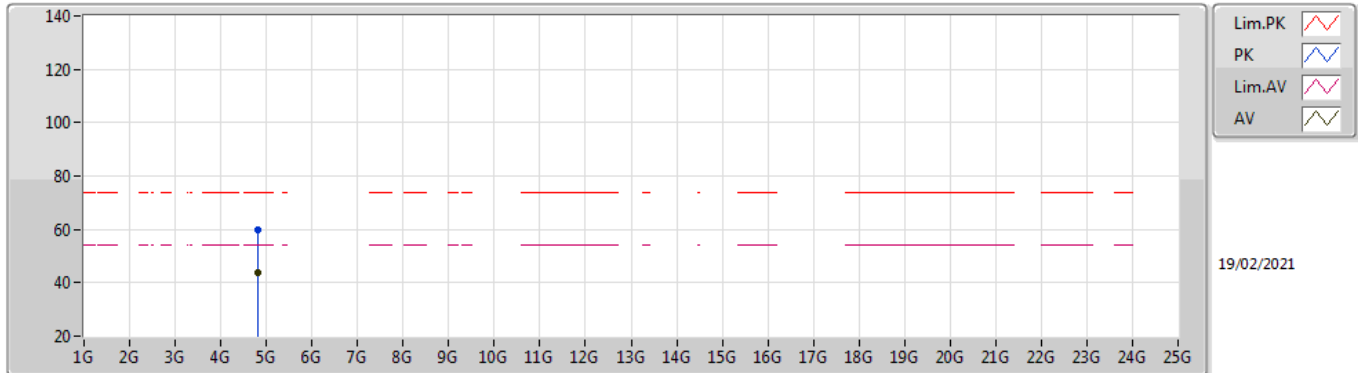
2412MHz_TX



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	53.61	54.00	-0.39	31.52	3	Horizontal	67	1.01	-	22.09	27.64	3.88	-
AV	2.4126G	97.84	Inf	-Inf	31.52	3	Horizontal	67	1.01	-	66.32	27.60	3.92	-
PK	2.3894G	70.59	74.00	-3.41	31.52	3	Horizontal	67	1.01	-	39.07	27.64	3.88	-
PK	2.4106G	107.31	Inf	-Inf	31.52	3	Horizontal	67	1.01	-	75.79	27.60	3.92	-

VHT20_Nss1,(MCS0)_2TX

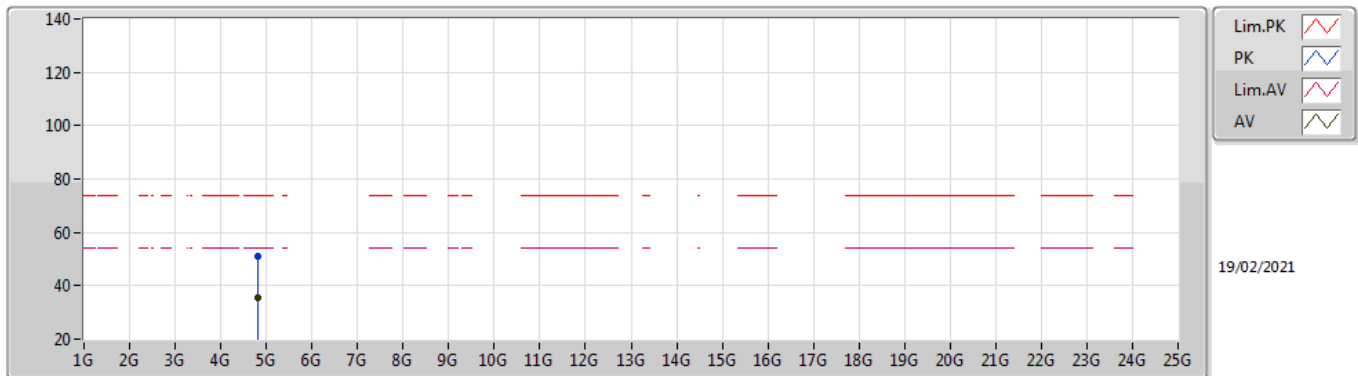
2412MHz_TX



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	4.82424G	43.89	54.00	-10.11	1.58	3	Vertical	13	2.96	-	42.31	31.20	5.31	34.93
PK	4.82332G	59.96	74.00	-14.04	1.57	3	Vertical	13	2.96	-	58.39	31.19	5.31	34.93

VHT20_Nss1,(MCS0)_2TX

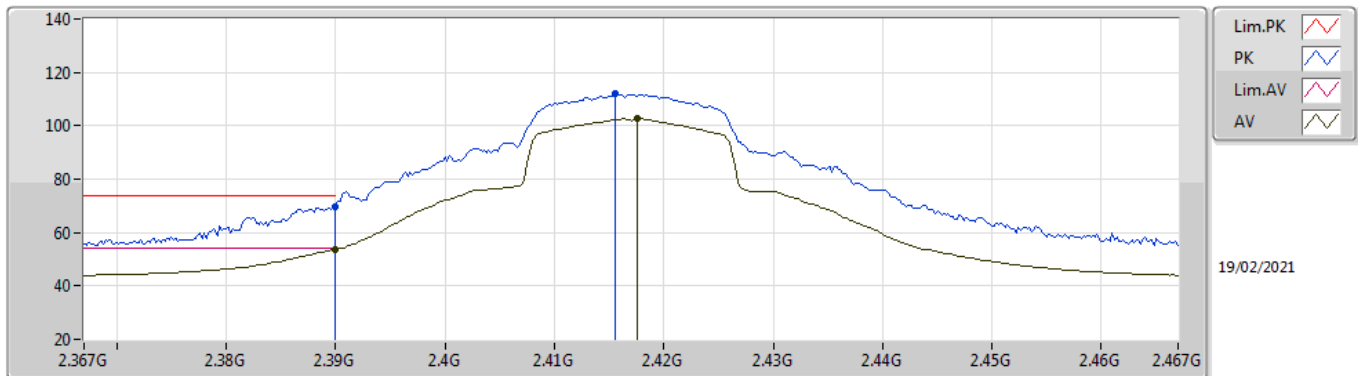
2412MHz_TX



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	4.82424G	35.77	54.00	-18.23	1.58	3	Horizontal	226	1.27	-	34.19	31.20	5.31	34.93
PK	4.8234G	50.94	74.00	-23.06	1.57	3	Horizontal	226	1.27	-	49.37	31.19	5.31	34.93

VHT20_Nss1,(MCS0)_2TX

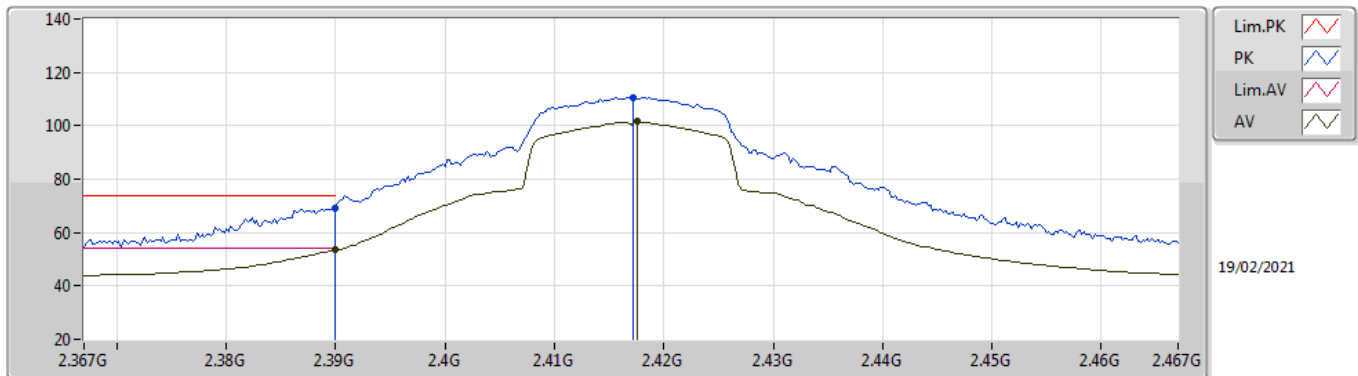
2417MHz_TX



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	2.39G	53.74	54.00	-0.26	31.52	3	Vertical	126	2.69	-	22.22	27.64	3.88	-
AV	2.4176G	102.68	Inf	-Inf	31.53	3	Vertical	126	2.69	-	71.15	27.60	3.93	-
PK	2.39G	69.83	74.00	-4.17	31.52	3	Vertical	126	2.69	-	38.31	27.64	3.88	-
PK	2.4156G	111.85	Inf	-Inf	31.52	3	Vertical	126	2.69	-	80.33	27.60	3.92	-

VHT20_Nss1,(MCS0)_2TX

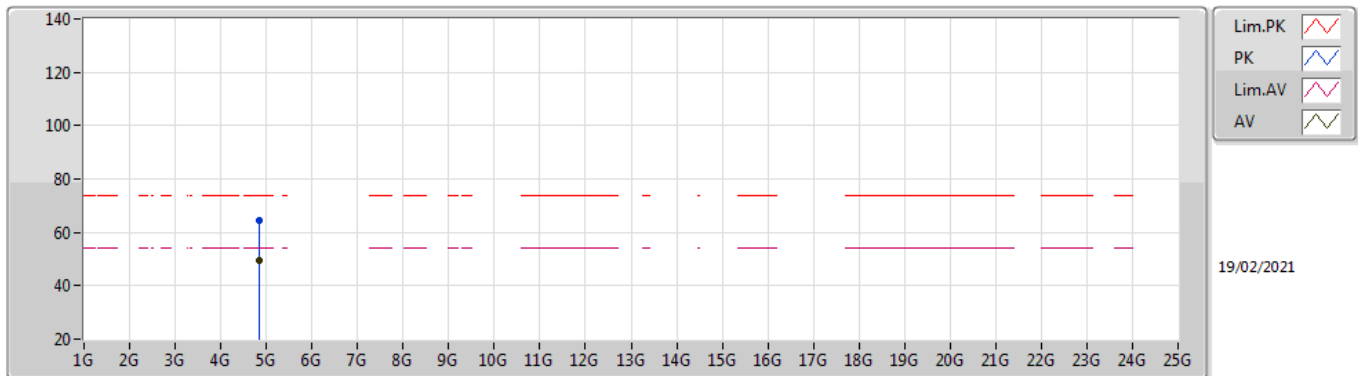
2417MHz_TX



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	2.39G	53.46	54.00	-0.54	31.52	3	Horizontal	74	1.20	-	21.94	27.64	3.88	-
AV	2.4176G	101.50	Inf	-Inf	31.53	3	Horizontal	74	1.20	-	69.97	27.60	3.93	-
PK	2.39G	68.89	74.00	-5.11	31.52	3	Horizontal	74	1.20	-	37.37	27.64	3.88	-
PK	2.4172G	110.71	Inf	-Inf	31.53	3	Horizontal	74	1.20	-	79.18	27.60	3.93	-

VHT20_Nss1,(MCS0)_2TX

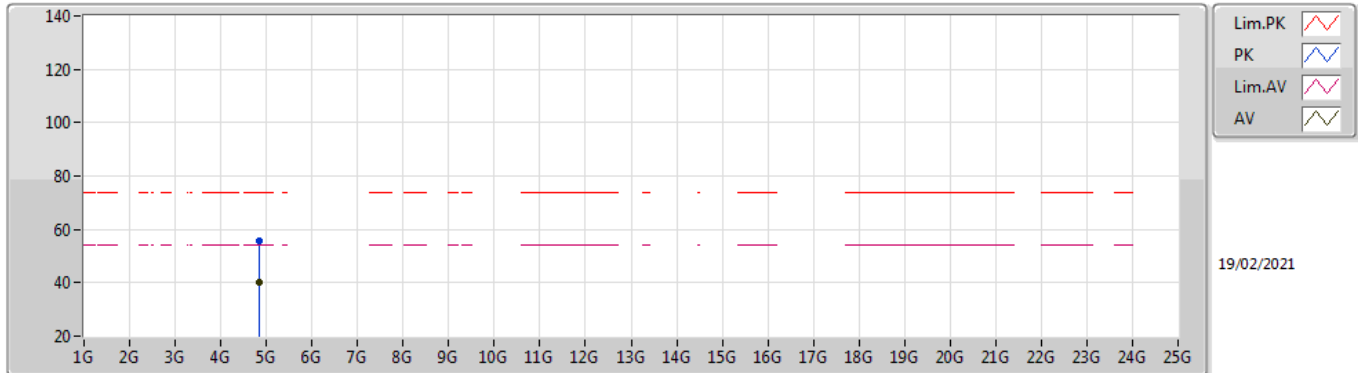
2417MHz_TX



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	4.83408G	49.52	54.00	-4.48	1.63	3	Vertical	12	2.94	-	47.89	31.24	5.32	34.93
PK	4.8332G	64.70	74.00	-9.30	1.62	3	Vertical	12	2.94	-	63.08	31.23	5.32	34.93

VHT20_Nss1,(MCS0)_2TX

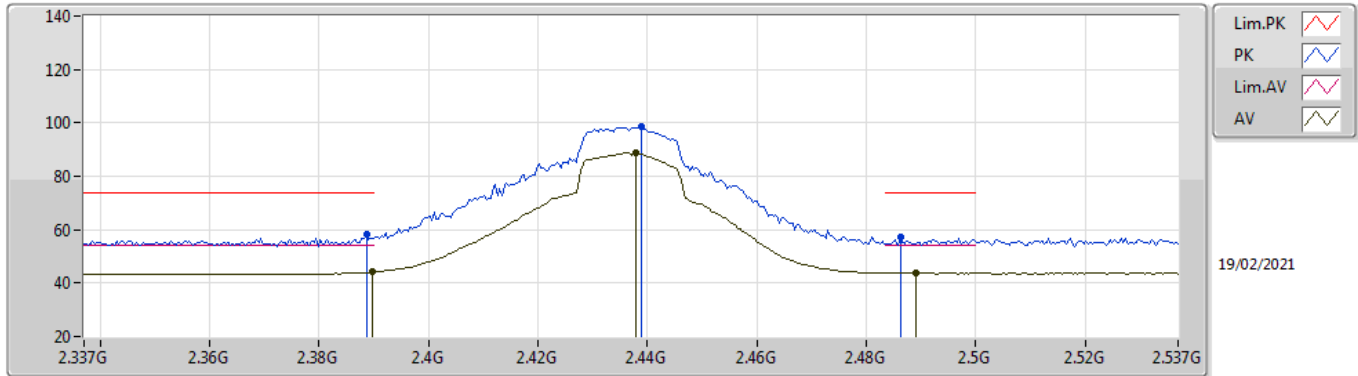
2417MHz_TX



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	4.83416G	40.09	54.00	-13.91	1.63	3	Horizontal	228	1.00	-	38.46	31.24	5.32	34.93
PK	4.83344G	55.52	74.00	-18.48	1.62	3	Horizontal	228	1.00	-	53.90	31.23	5.32	34.93

VHT20_Nss1,(MCS0)_2TX

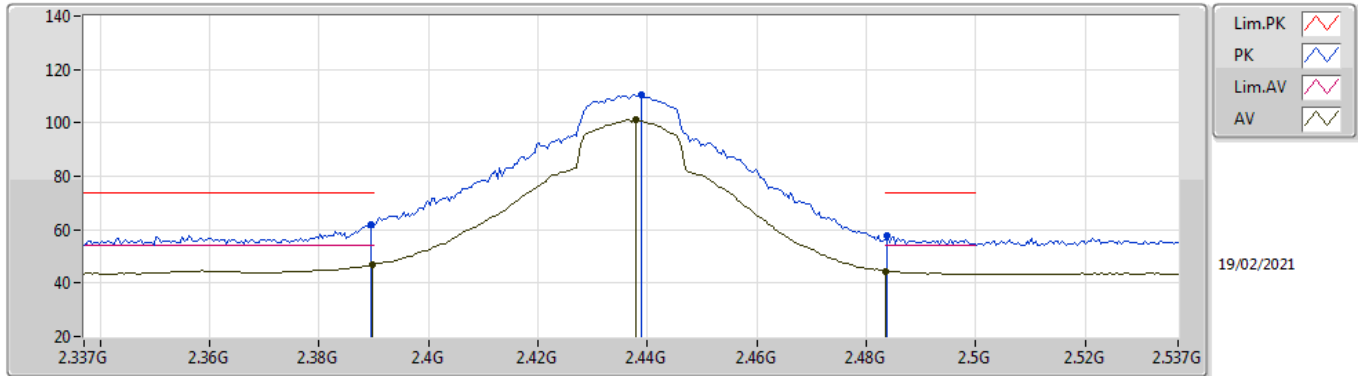
2437MHz_TX



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	44.17	54.00	-9.83	31.52	3	Vertical	222	2.63	-	12.65	27.64	3.88	-
AV	2.4378G	88.78	Inf	-Inf	31.56	3	Vertical	222	2.63	-	57.22	27.60	3.96	-
AV	2.489G	43.78	54.00	-10.22	31.63	3	Vertical	222	2.63	-	12.15	27.60	4.03	-
PK	2.3886G	58.12	74.00	-15.88	31.53	3	Vertical	222	2.63	-	26.59	27.65	3.88	-
PK	2.439G	98.47	Inf	-Inf	31.56	3	Vertical	222	2.63	-	66.91	27.60	3.96	-
PK	2.4862G	57.07	74.00	-16.93	31.63	3	Vertical	222	2.63	-	25.44	27.60	4.03	-

VHT20_Nss1,(MCS0)_2TX

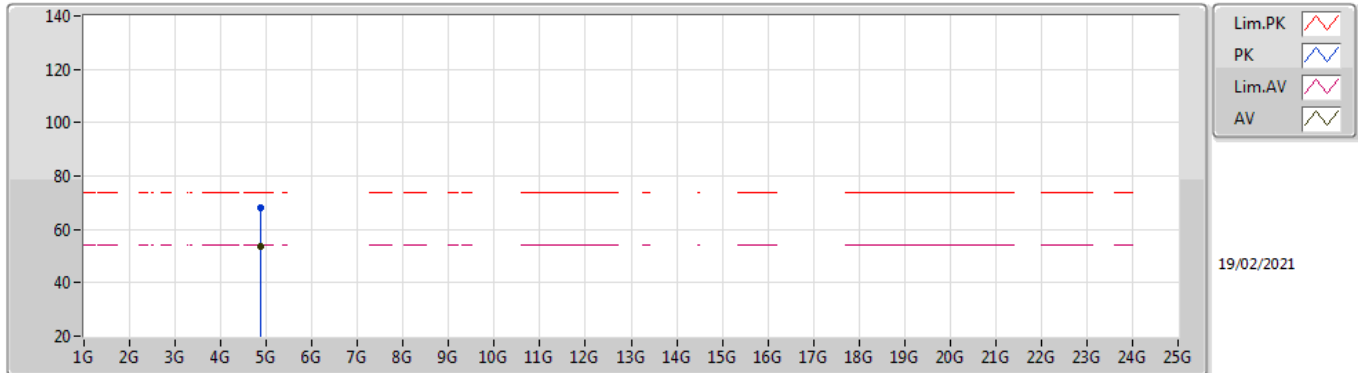
2437MHz_TX



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	46.86	54.00	-7.14	31.52	3	Horizontal	61	1.28	-	15.34	27.64	3.88	-
AV	2.4378G	101.25	Inf	-Inf	31.56	3	Horizontal	61	1.28	-	69.69	27.60	3.96	-
AV	2.4835G	44.43	54.00	-9.57	31.63	3	Horizontal	61	1.28	-	12.80	27.60	4.03	-
PK	2.3894G	62.12	74.00	-11.88	31.52	3	Horizontal	61	1.28	-	30.60	27.64	3.88	-
PK	2.439G	110.64	Inf	-Inf	31.56	3	Horizontal	61	1.28	-	79.08	27.60	3.96	-
PK	2.4838G	57.51	74.00	-16.49	31.63	3	Horizontal	61	1.28	-	25.88	27.60	4.03	-

VHT20_Nss1,(MCS0)_2TX

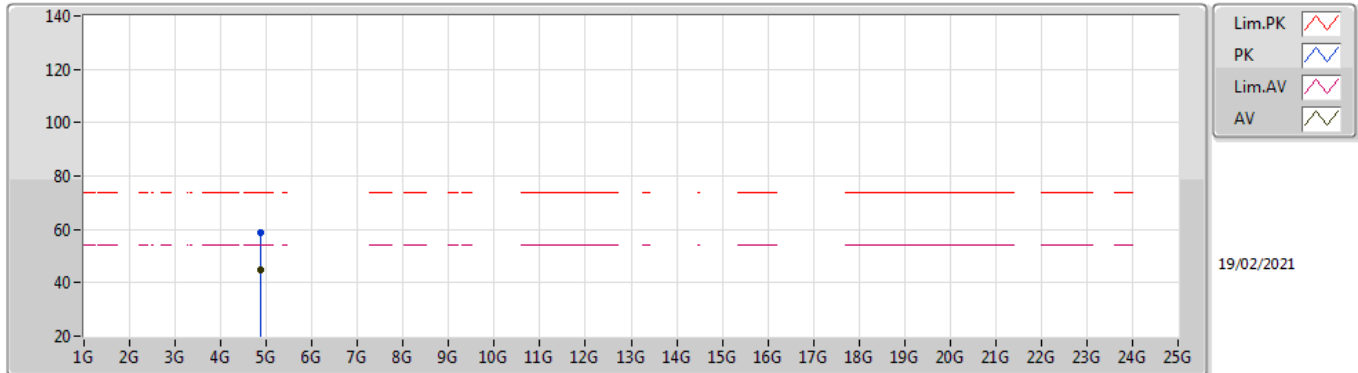
2437MHz_TX



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	4.87416G	53.82	54.00	-0.18	1.66	3	Vertical	14	1.04	-	52.16	31.25	5.34	34.93
PK	4.87328G	68.21	74.00	-5.79	1.66	3	Vertical	14	1.04	-	66.55	31.25	5.34	34.93

VHT20_Nss1,(MCS0)_2TX

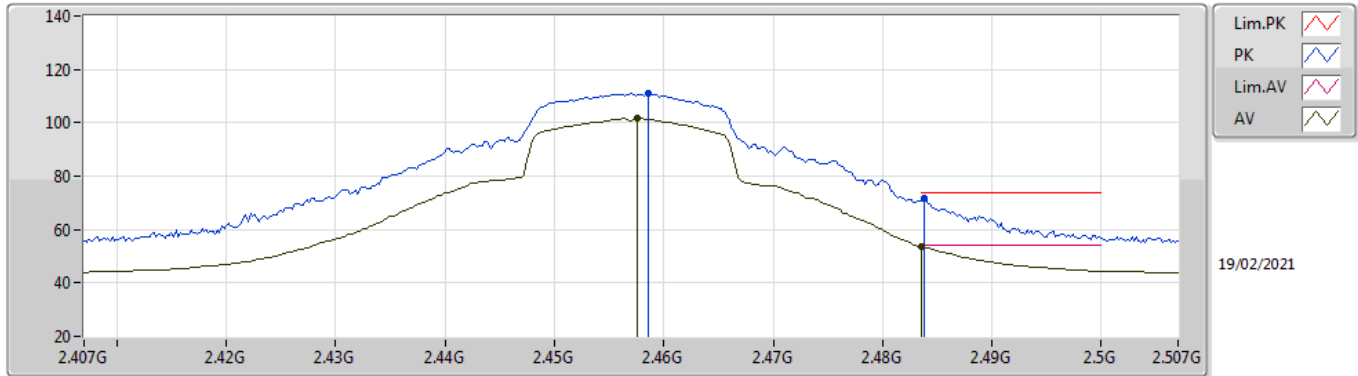
2437MHz_TX



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	4.8742G	44.79	54.00	-9.21	1.66	3	Horizontal	230	1.13	-	43.13	31.25	5.34	34.93
PK	4.87332G	58.97	74.00	-15.03	1.66	3	Horizontal	230	1.13	-	57.31	31.25	5.34	34.93

VHT20_Nss1,(MCS0)_2TX

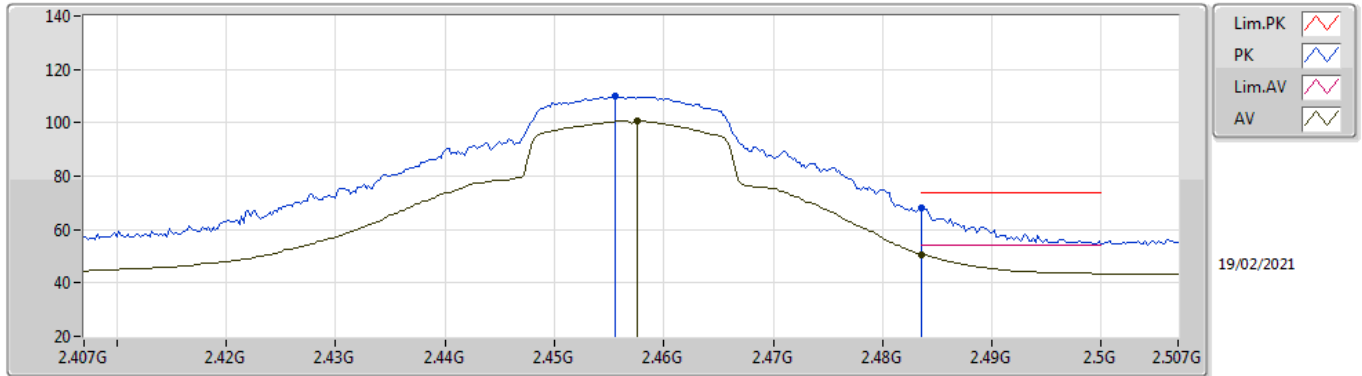
2457MHz_TX



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	2.4576G	101.70	Inf	-Inf	31.59	3	Vertical	102	2.85	-	70.11	27.60	3.99	-
AV	2.4835G	53.59	54.00	-0.41	31.63	3	Vertical	102	2.85	-	21.96	27.60	4.03	-
PK	2.4586G	110.83	Inf	-Inf	31.59	3	Vertical	102	2.85	-	79.24	27.60	3.99	-
PK	2.4838G	71.50	74.00	-2.50	31.63	3	Vertical	102	2.85	-	39.87	27.60	4.03	-

VHT20_Nss1,(MCS0)_2TX

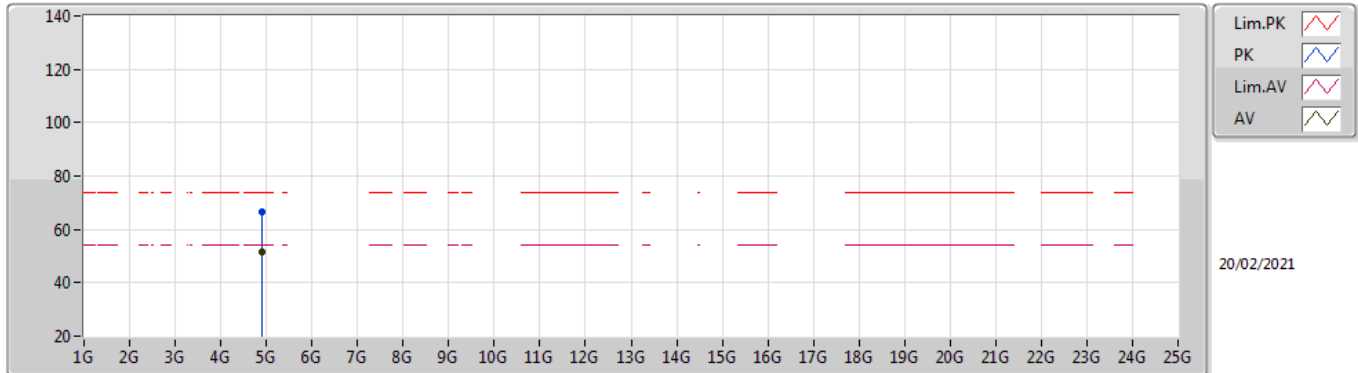
2457MHz_TX



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	2.4576G	100.84	Inf	-Inf	31.59	3	Horizontal	72	1.00	-	69.25	27.60	3.99	-
AV	2.4835G	50.73	54.00	-3.27	31.63	3	Horizontal	72	1.00	-	19.10	27.60	4.03	-
PK	2.4556G	109.79	Inf	-Inf	31.58	3	Horizontal	72	1.00	-	78.21	27.60	3.98	-
PK	2.4836G	68.34	74.00	-5.66	31.63	3	Horizontal	72	1.00	-	36.71	27.60	4.03	-

VHT20_Nss1,(MCS0)_2TX

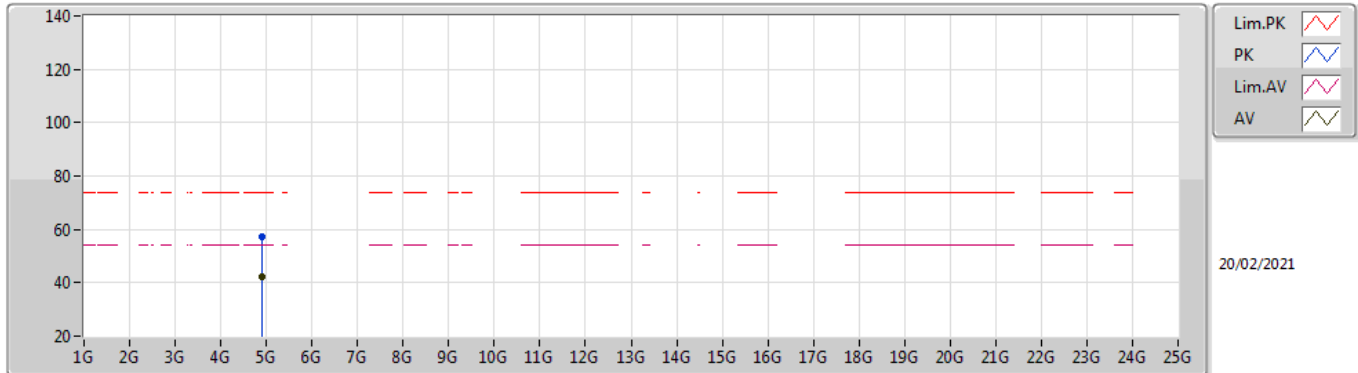
2457MHz_TX



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	4.91416G	51.64	54.00	-2.36	1.69	3	Vertical	11	1.00	-	49.95	31.26	5.36	34.93
PK	4.91344G	66.56	74.00	-7.44	1.68	3	Vertical	11	1.00	-	64.88	31.25	5.36	34.93

VHT20_Nss1,(MCS0)_2TX

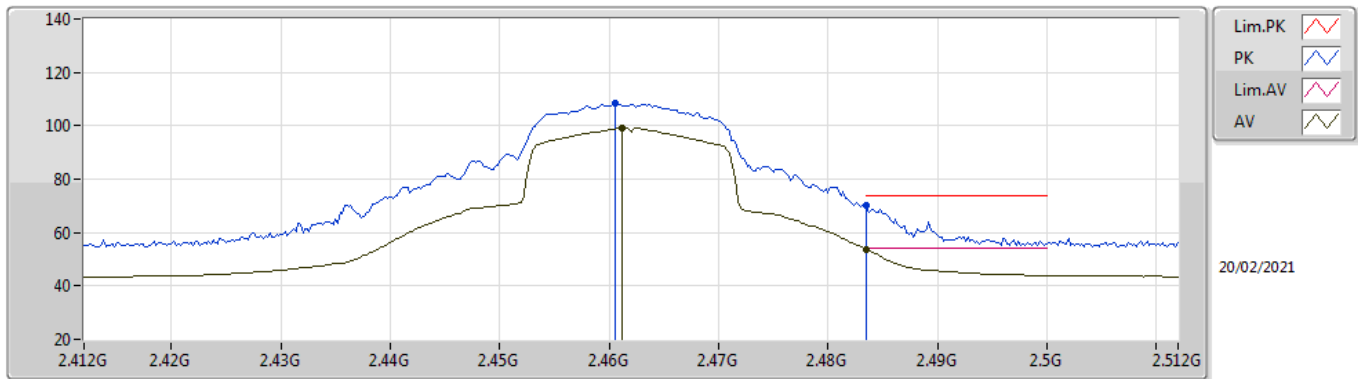
2457MHz_TX



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	4.91408G	42.09	54.00	-11.91	1.69	3	Horizontal	228	1.40	-	40.40	31.26	5.36	34.93
PK	4.91332G	56.99	74.00	-17.01	1.68	3	Horizontal	228	1.40	-	55.31	31.25	5.36	34.93

VHT20_Nss1,(MCS0)_2TX

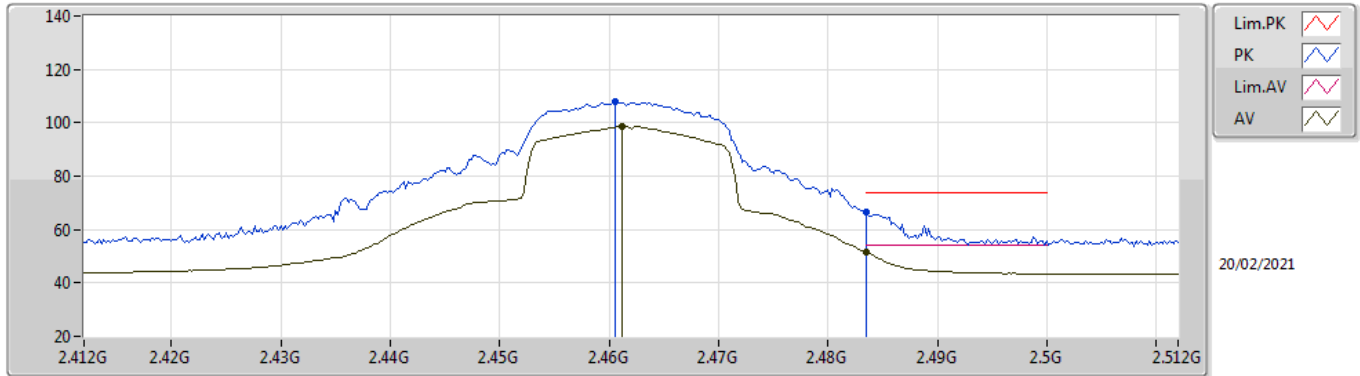
2462MHz_TX



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	2.4612G	99.06	Inf	-Inf	31.59	3	Vertical	88	2.82	-	67.47	27.60	3.99	-
AV	2.4835G	53.82	54.00	-0.18	31.63	3	Vertical	88	2.82	-	22.19	27.60	4.03	-
PK	2.4606G	108.56	Inf	-Inf	31.59	3	Vertical	88	2.82	-	76.97	27.60	3.99	-
PK	2.4835G	70.27	74.00	-3.73	31.63	3	Vertical	88	2.82	-	38.64	27.60	4.03	-

VHT20_Nss1,(MCS0)_2TX

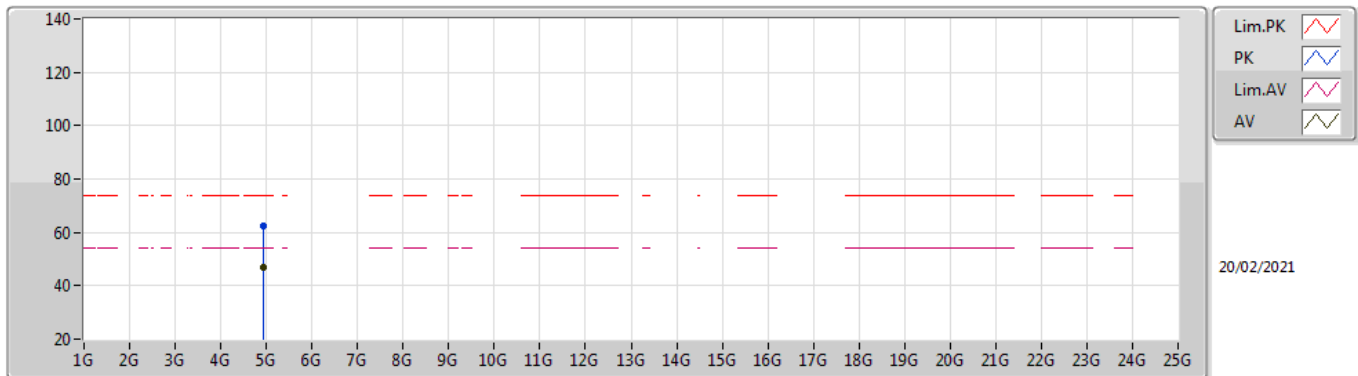
2462MHz_TX



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	2.4612G	98.54	Inf	-Inf	31.59	3	Horizontal	73	1.00	-	66.95	27.60	3.99	-
AV	2.4835G	51.57	54.00	-2.43	31.63	3	Horizontal	73	1.00	-	19.94	27.60	4.03	-
PK	2.4606G	108.02	Inf	-Inf	31.59	3	Horizontal	73	1.00	-	76.43	27.60	3.99	-
PK	2.4835G	66.43	74.00	-7.57	31.63	3	Horizontal	73	1.00	-	34.80	27.60	4.03	-

VHT20_Nss1,(MCS0)_2TX

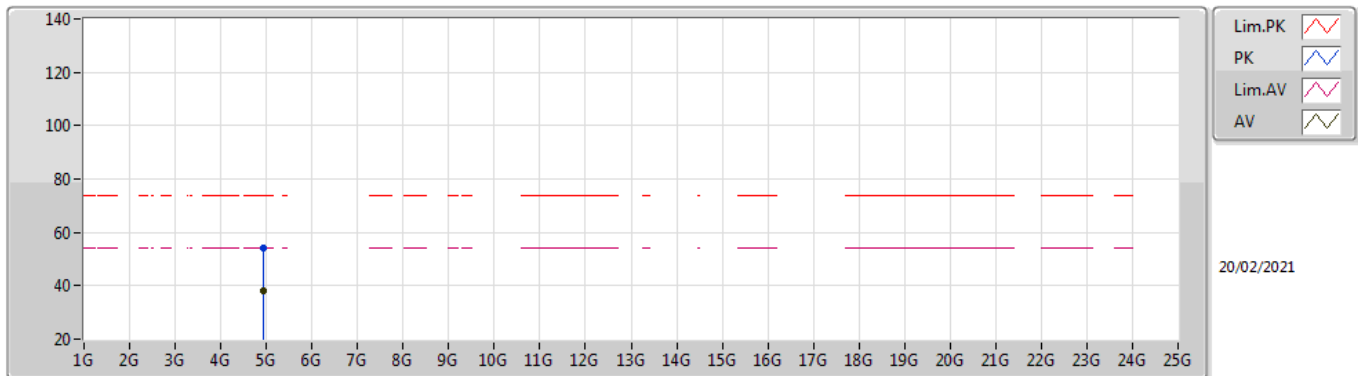
2462MHz_TX



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	4.92416G	47.03	54.00	-6.97	1.72	3	Vertical	12	1.06	-	45.31	31.30	5.36	34.94
PK	4.92348G	62.54	74.00	-11.46	1.71	3	Vertical	12	1.06	-	60.83	31.29	5.36	34.94

VHT20_Nss1,(MCS0)_2TX

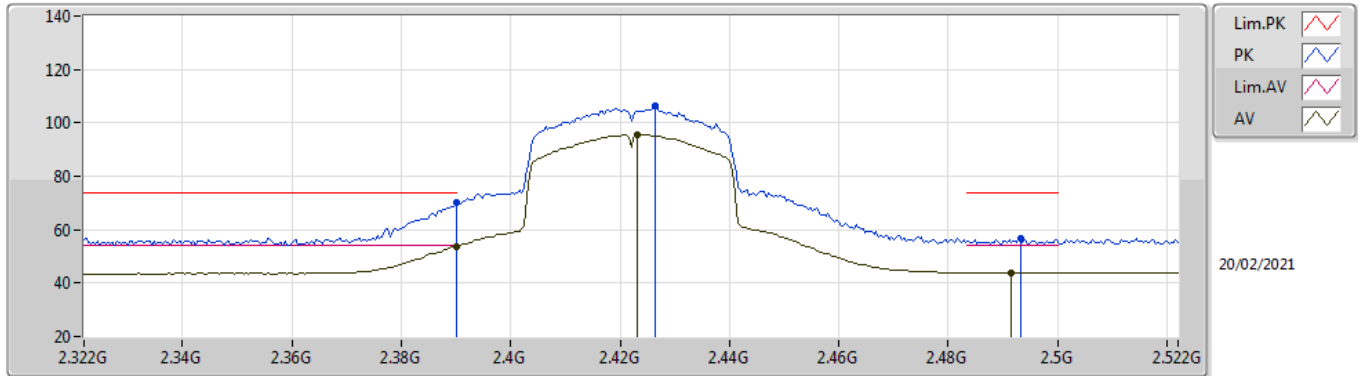
2462MHz_TX



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	4.92416G	38.31	54.00	-15.69	1.72	3	Horizontal	231	1.36	-	36.59	31.30	5.36	34.94
PK	4.9234G	53.94	74.00	-20.06	1.71	3	Horizontal	231	1.36	-	52.23	31.29	5.36	34.94

VHT40_Nss1,(MCS0)_2TX

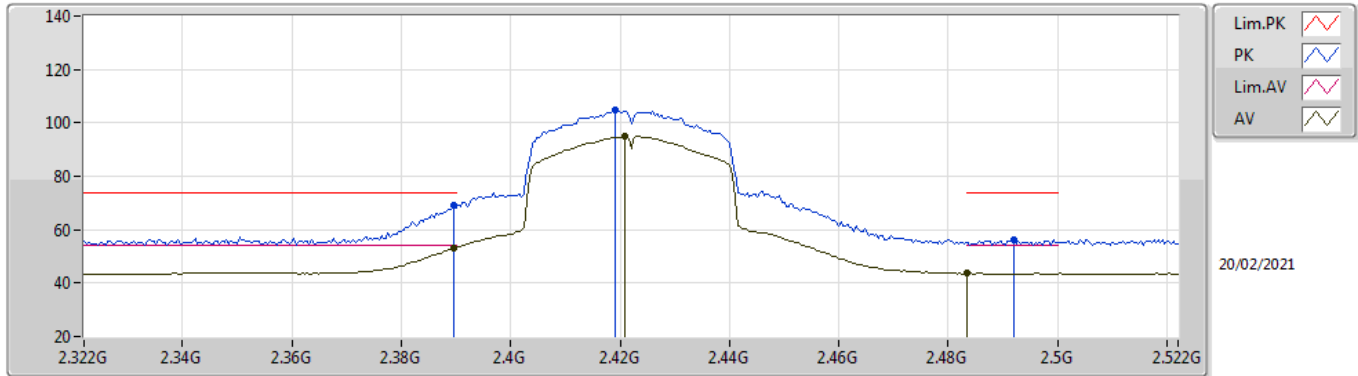
2422MHz_TX



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	2.39G	53.69	54.00	-0.31	31.52	3	Vertical	125	2.94	-	22.17	27.64	3.88	-
AV	2.4232G	95.59	Inf	-Inf	31.53	3	Vertical	125	2.94	-	64.06	27.60	3.93	-
AV	2.4916G	43.82	54.00	-10.18	31.64	3	Vertical	125	2.94	-	12.18	27.60	4.04	-
PK	2.39G	70.01	74.00	-3.99	31.52	3	Vertical	125	2.94	-	38.49	27.64	3.88	-
PK	2.4264G	106.24	Inf	-Inf	31.54	3	Vertical	125	2.94	-	74.70	27.60	3.94	-
PK	2.4932G	56.66	74.00	-17.34	31.64	3	Vertical	125	2.94	-	25.02	27.60	4.04	-

VHT40_Nss1,(MCS0)_2TX

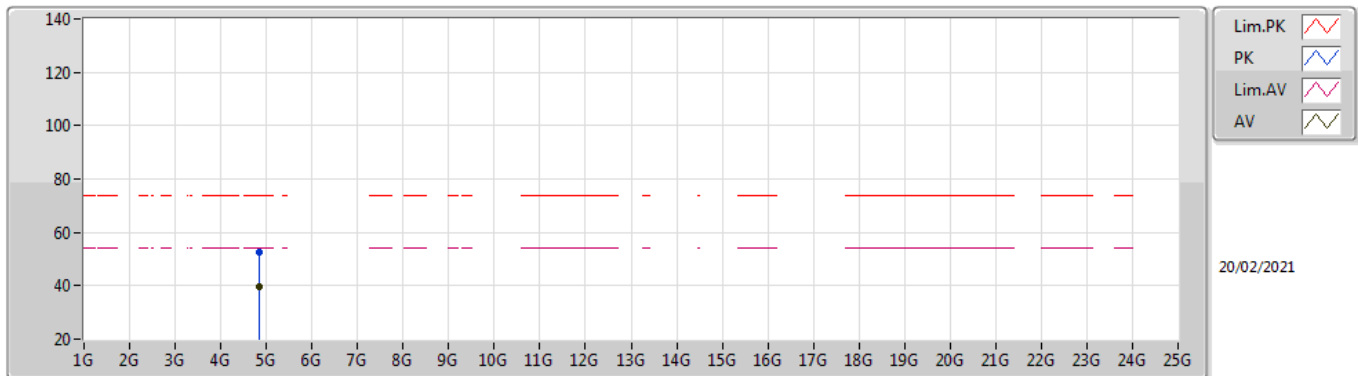
2422MHz_TX



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	53.17	54.00	-0.83	31.52	3	Horizontal	76	1.19	-	21.65	27.64	3.88	-
AV	2.4208G	95.00	Inf	-Inf	31.53	3	Horizontal	76	1.19	-	63.47	27.60	3.93	-
AV	2.4835G	43.76	54.00	-10.24	31.63	3	Horizontal	76	1.19	-	12.13	27.60	4.03	-
PK	2.3896G	69.28	74.00	-4.72	31.52	3	Horizontal	76	1.19	-	37.76	27.64	3.88	-
PK	2.4192G	104.69	Inf	-Inf	31.53	3	Horizontal	76	1.19	-	73.16	27.60	3.93	-
PK	2.492G	56.11	74.00	-17.89	31.64	3	Horizontal	76	1.19	-	24.47	27.60	4.04	-

VHT40_Nss1,(MCS0)_2TX

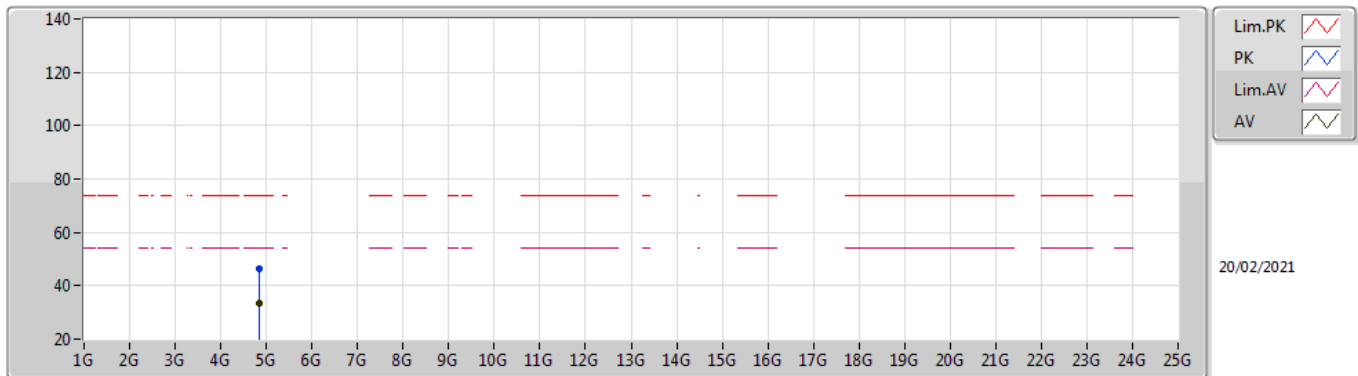
2422MHz_TX



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	4.84388G	39.42	54.00	-14.58	1.67	3	Vertical	14	1.03	-	37.75	31.28	5.32	34.93
PK	4.8444G	52.74	74.00	-21.26	1.67	3	Vertical	14	1.03	-	51.07	31.28	5.32	34.93

VHT40_Nss1,(MCS0)_2TX

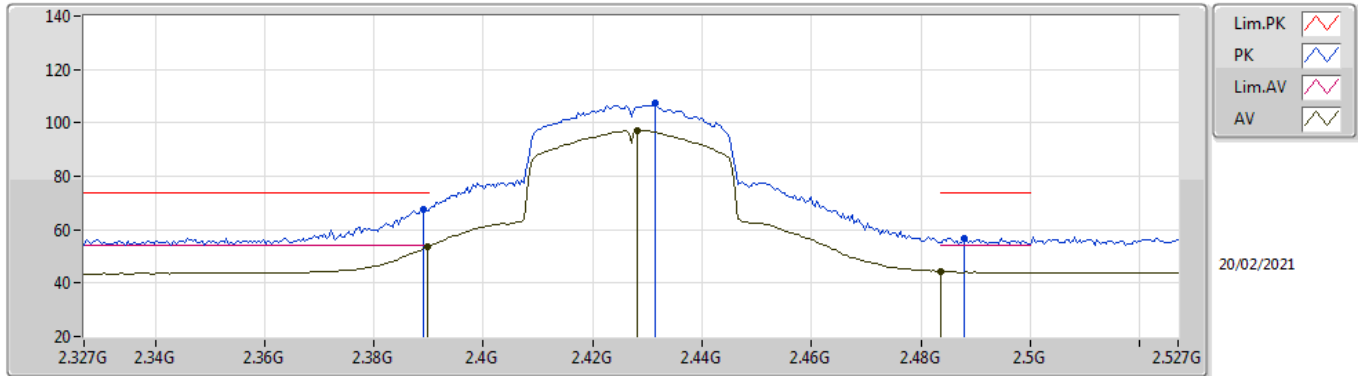
2422MHz_TX



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	4.84384G	33.66	54.00	-20.34	1.67	3	Horizontal	229	1.13	-	31.99	31.28	5.32	34.93
PK	4.84496G	46.23	74.00	-27.77	1.67	3	Horizontal	229	1.13	-	44.56	31.28	5.32	34.93

VHT40_Nss1,(MCS0)_2TX

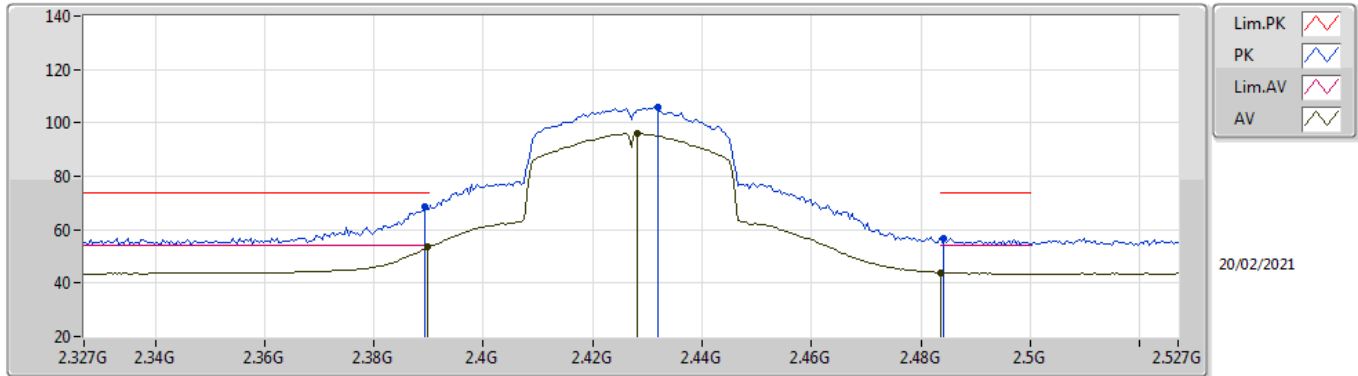
2427MHz_TX



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	53.76	54.00	-0.24	31.52	3	Vertical	125	2.94	-	22.24	27.64	3.88	-
AV	2.4282G	97.25	Inf	-Inf	31.54	3	Vertical	125	2.94	-	65.71	27.60	3.94	-
AV	2.4835G	44.36	54.00	-9.64	31.63	3	Vertical	125	2.94	-	12.73	27.60	4.03	-
PK	2.389G	67.78	74.00	-6.22	31.52	3	Vertical	125	2.94	-	36.26	27.64	3.88	-
PK	2.4314G	107.61	Inf	-Inf	31.55	3	Vertical	125	2.94	-	76.06	27.60	3.95	-
PK	2.4878G	56.75	74.00	-17.25	31.63	3	Vertical	125	2.94	-	25.12	27.60	4.03	-

VHT40_Nss1,(MCS0)_2TX

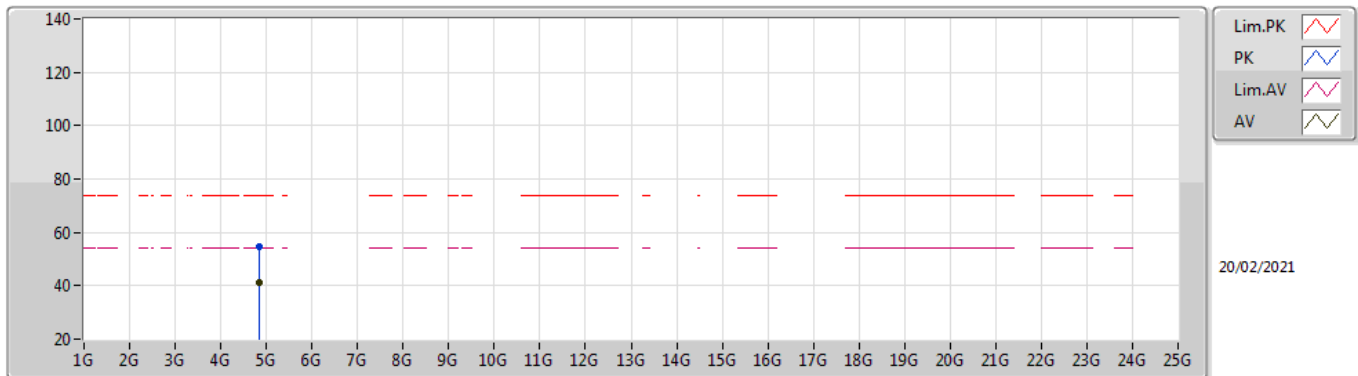
2427MHz_TX



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	53.38	54.00	-0.62	31.52	3	Horizontal	75	1.00	-	21.86	27.64	3.88	-
AV	2.4282G	95.96	Inf	-Inf	31.54	3	Horizontal	75	1.00	-	64.42	27.60	3.94	-
AV	2.4835G	43.99	54.00	-10.01	31.63	3	Horizontal	75	1.00	-	12.36	27.60	4.03	-
PK	2.3894G	68.41	74.00	-5.59	31.52	3	Horizontal	75	1.00	-	36.89	27.64	3.88	-
PK	2.4318G	105.75	Inf	-Inf	31.55	3	Horizontal	75	1.00	-	74.20	27.60	3.95	-
PK	2.4842G	56.78	74.00	-17.22	31.63	3	Horizontal	75	1.00	-	25.15	27.60	4.03	-

VHT40_Nss1,(MCS0)_2TX

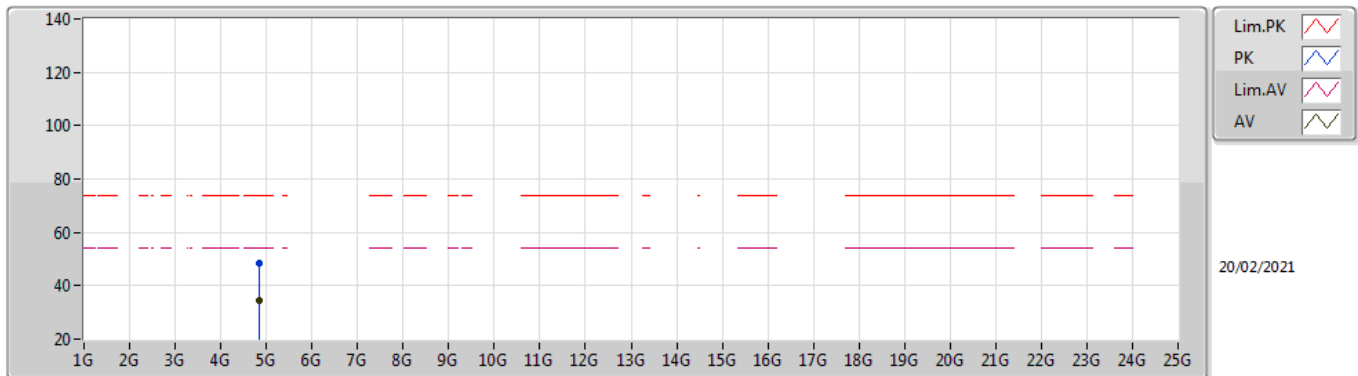
2427MHz_TX



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	4.85808G	41.14	54.00	-12.86	1.68	3	Vertical	14	1.00	-	39.46	31.28	5.33	34.93
PK	4.85416G	54.41	74.00	-19.59	1.69	3	Vertical	14	1.00	-	52.72	31.29	5.33	34.93

VHT40_Nss1,(MCS0)_2TX

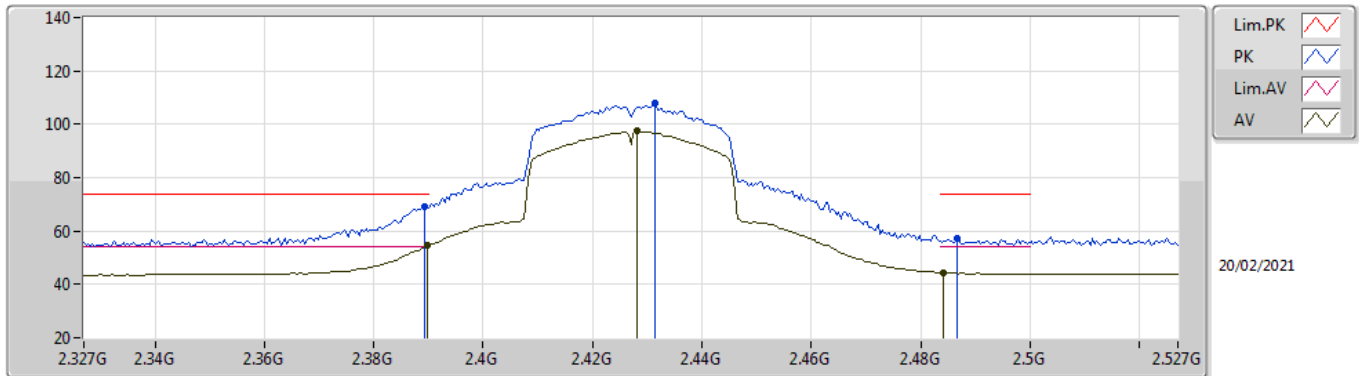
2427MHz_TX



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	4.8538G	34.38	54.00	-19.62	1.69	3	Horizontal	229	1.17	-	32.69	31.29	5.33	34.93
PK	4.8584G	48.59	74.00	-25.41	1.68	3	Horizontal	229	1.17	-	46.91	31.28	5.33	34.93

VHT40_Nss1,(MCS0)_2TX

2427MHz_TX

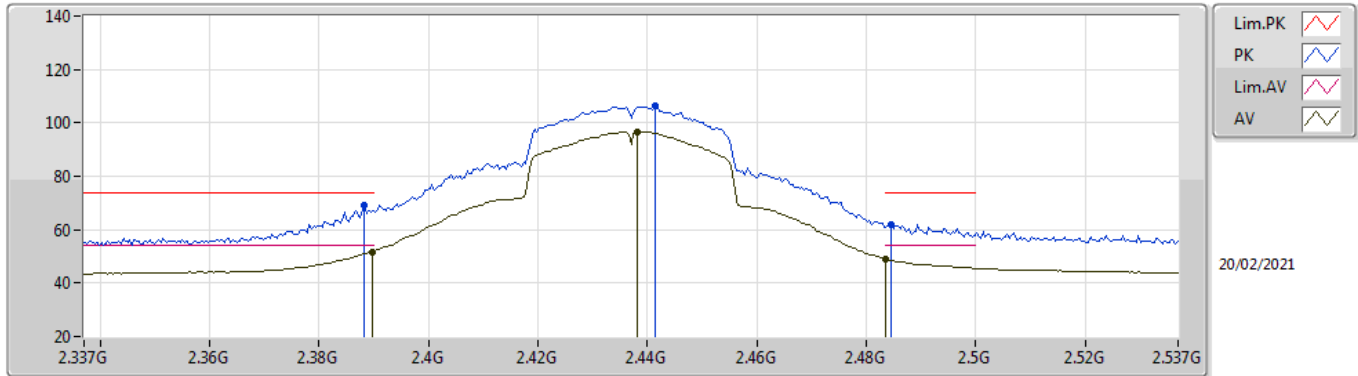


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setting 90,90

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	54.54	54.00	0.54	31.52	3	Vertical	125	2.94	-	23.02	27.64	3.88	-
AV	2.4282G	97.49	Inf	-Inf	31.54	3	Vertical	125	2.94	-	65.95	27.60	3.94	-
AV	2.4842G	44.47	54.00	-9.53	31.63	3	Vertical	125	2.94	-	12.84	27.60	4.03	-
PK	2.3894G	69.32	74.00	-4.68	31.52	3	Vertical	125	2.94	-	37.80	27.64	3.88	-
PK	2.4314G	107.81	Inf	-Inf	31.55	3	Vertical	125	2.94	-	76.26	27.60	3.95	-
PK	2.4866G	57.04	74.00	-16.96	31.63	3	Vertical	125	2.94	-	25.41	27.60	4.03	-

VHT40_Nss1,(MCS0)_2TX

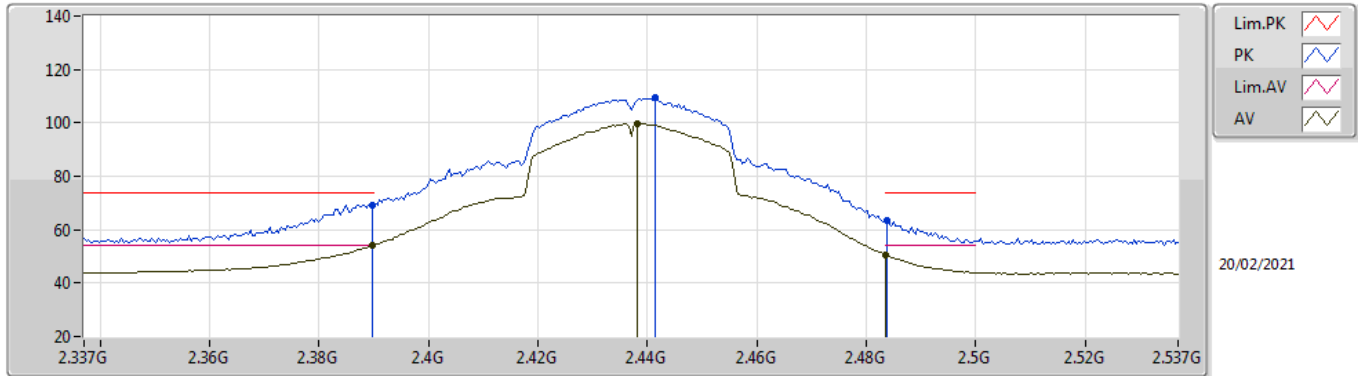
2437MHz_TX



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	51.73	54.00	-2.27	31.52	3	Vertical	223	2.62	-	20.21	27.64	3.88	-
AV	2.4382G	96.81	Inf	-Inf	31.56	3	Vertical	223	2.62	-	65.25	27.60	3.96	-
AV	2.4835G	49.09	54.00	-4.91	31.63	3	Vertical	223	2.62	-	17.46	27.60	4.03	-
PK	2.3882G	69.38	74.00	-4.62	31.53	3	Vertical	223	2.62	-	37.85	27.65	3.88	-
PK	2.4414G	106.45	Inf	-Inf	31.56	3	Vertical	223	2.62	-	74.89	27.60	3.96	-
PK	2.4846G	61.74	74.00	-12.26	31.63	3	Vertical	223	2.62	-	30.11	27.60	4.03	-

VHT40_Nss1,(MCS0)_2TX

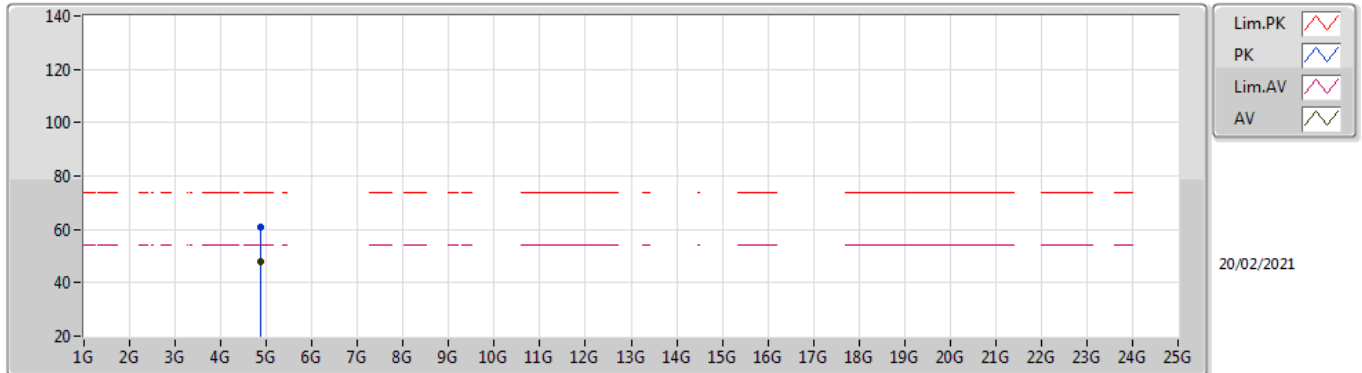
2437MHz_TX



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	53.88	54.00	-0.12	31.52	3	Horizontal	60	1.29	-	22.36	27.64	3.88	-
AV	2.4382G	99.71	Inf	-Inf	31.56	3	Horizontal	60	1.29	-	68.15	27.60	3.96	-
AV	2.4835G	50.69	54.00	-3.31	31.63	3	Horizontal	60	1.29	-	19.06	27.60	4.03	-
PK	2.3898G	69.28	74.00	-4.72	31.52	3	Horizontal	60	1.29	-	37.76	27.64	3.88	-
PK	2.4414G	109.59	Inf	-Inf	31.56	3	Horizontal	60	1.29	-	78.03	27.60	3.96	-
PK	2.4838G	63.58	74.00	-10.42	31.63	3	Horizontal	60	1.29	-	31.95	27.60	4.03	-

VHT40_Nss1,(MCS0)_2TX

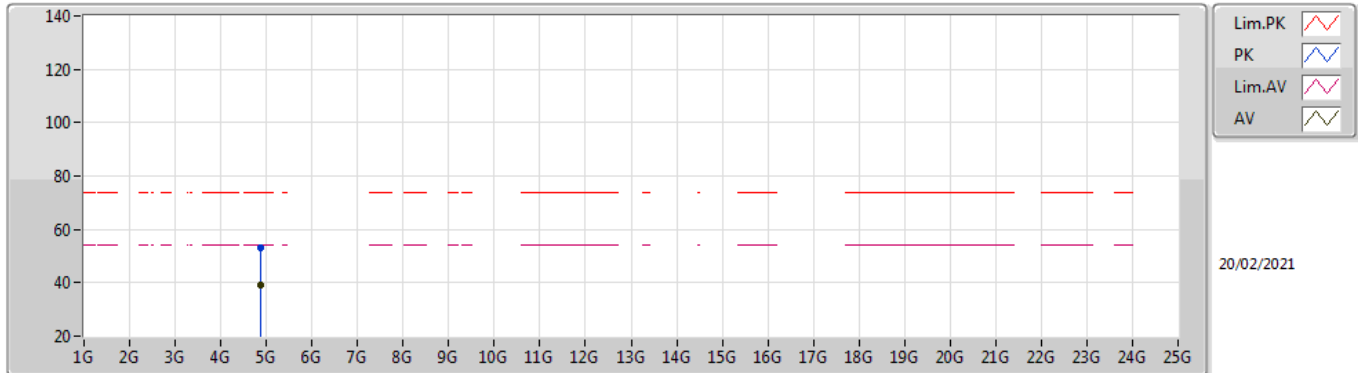
2437MHz_TX



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	4.87808G	47.95	54.00	-6.05	1.65	3	Vertical	10	1.04	-	46.30	31.24	5.34	34.93
PK	4.878G	60.83	74.00	-13.17	1.65	3	Vertical	10	1.04	-	59.18	31.24	5.34	34.93

VHT40_Nss1,(MCS0)_2TX

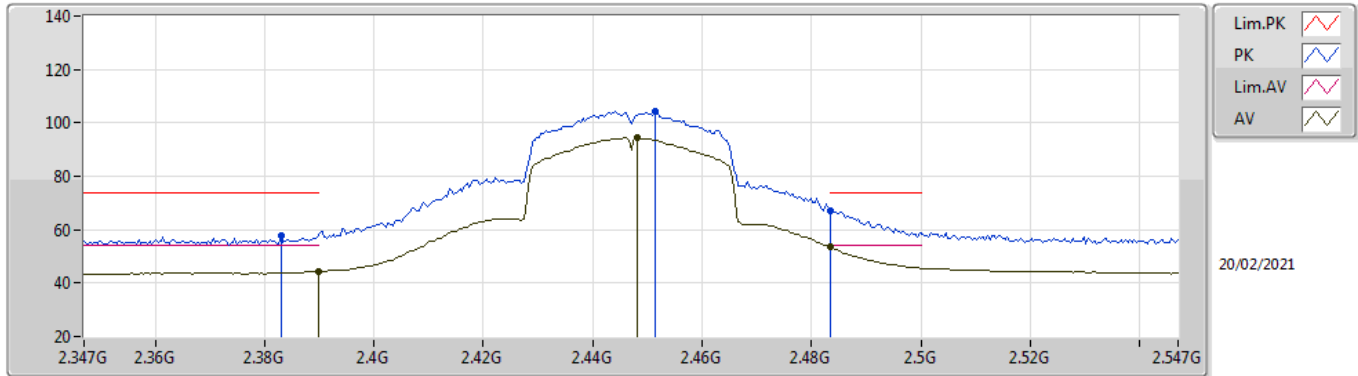
2437MHz_TX



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	4.874G	39.34	54.00	-14.66	1.66	3	Horizontal	229	1.11	-	37.68	31.25	5.34	34.93
PK	4.87816G	52.97	74.00	-21.03	1.65	3	Horizontal	229	1.11	-	51.32	31.24	5.34	34.93

VHT40_Nss1,(MCS0)_2TX

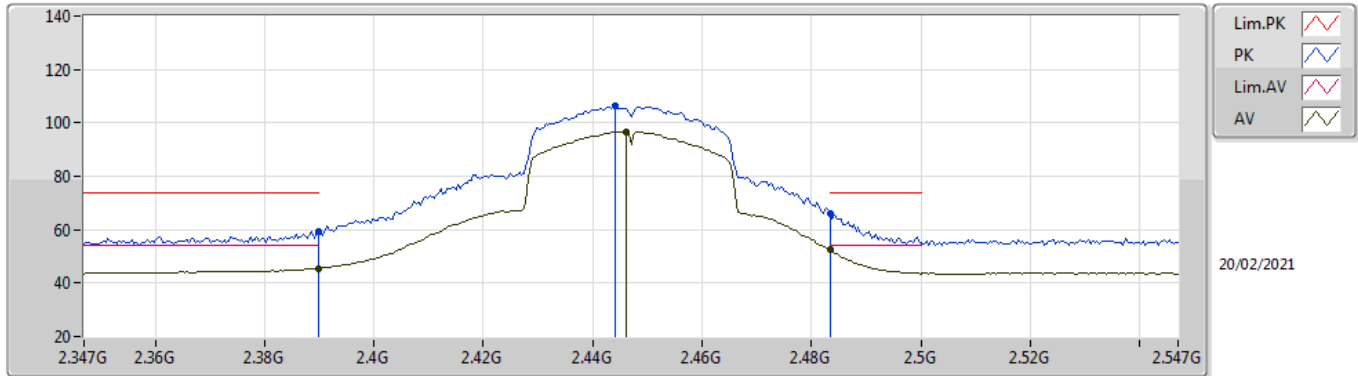
2447MHz_TX



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	2.3898G	44.32	54.00	-9.68	31.52	3	Vertical	221	1.81	-	12.80	27.64	3.88	-
AV	2.4482G	94.43	Inf	-Inf	31.57	3	Vertical	221	1.81	-	62.86	27.60	3.97	-
AV	2.4835G	53.76	54.00	-0.24	31.63	3	Vertical	221	1.81	-	22.13	27.60	4.03	-
PK	2.383G	57.79	74.00	-16.21	31.54	3	Vertical	221	1.81	-	26.25	27.67	3.87	-
PK	2.4514G	104.49	Inf	-Inf	31.58	3	Vertical	221	1.81	-	72.91	27.60	3.98	-
PK	2.4835G	67.04	74.00	-6.96	31.63	3	Vertical	221	1.81	-	35.41	27.60	4.03	-

VHT40_Nss1,(MCS0)_2TX

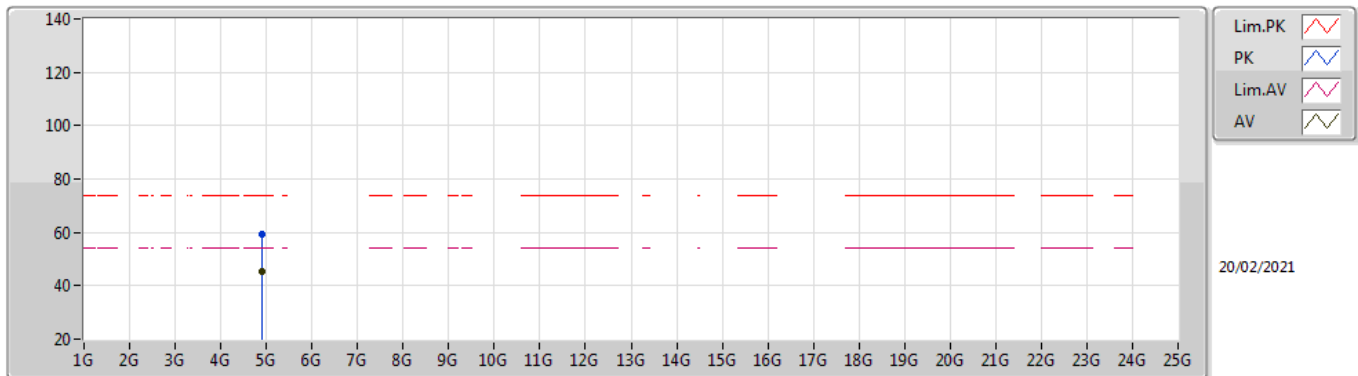
2447MHz_TX



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	2.3898G	45.53	54.00	-8.47	31.52	3	Horizontal	73	1.00	-	14.01	27.64	3.88	-
AV	2.4462G	96.71	Inf	-Inf	31.57	3	Horizontal	73	1.00	-	65.14	27.60	3.97	-
AV	2.4835G	52.39	54.00	-1.61	31.63	3	Horizontal	73	1.00	-	20.76	27.60	4.03	-
PK	2.3898G	59.49	74.00	-14.51	31.52	3	Horizontal	73	1.00	-	27.97	27.64	3.88	-
PK	2.4442G	106.36	Inf	-Inf	31.57	3	Horizontal	73	1.00	-	74.79	27.60	3.97	-
PK	2.4835G	66.20	74.00	-7.80	31.63	3	Horizontal	73	1.00	-	34.57	27.60	4.03	-

VHT40_Nss1,(MCS0)_2TX

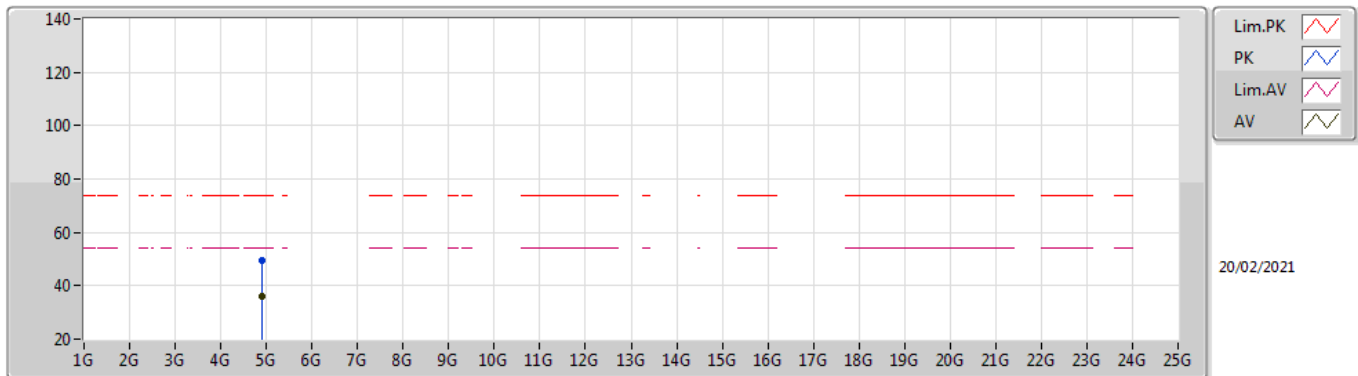
2447MHz_TX



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	4.898G	45.28	54.00	-8.72	1.62	3	Vertical	11	1.00	-	43.66	31.20	5.35	34.93
PK	4.89808G	59.23	74.00	-14.77	1.62	3	Vertical	11	1.00	-	57.61	31.20	5.35	34.93

VHT40_Nss1,(MCS0)_2TX

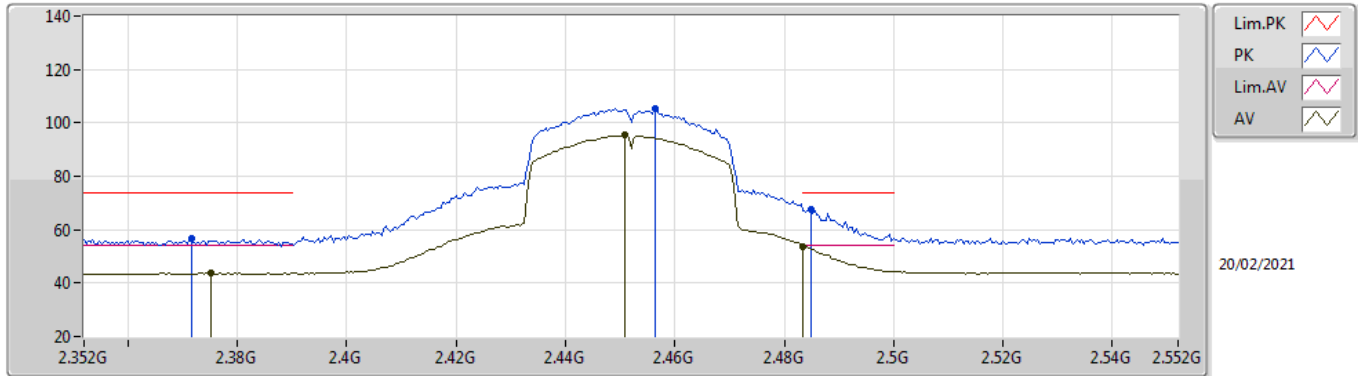
2447MHz_TX



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	4.894G	35.90	54.00	-18.10	1.63	3	Horizontal	227	1.19	-	34.27	31.21	5.35	34.93
PK	4.89776G	49.47	74.00	-24.53	1.62	3	Horizontal	227	1.19	-	47.85	31.20	5.35	34.93

VHT40_Nss1,(MCS0)_2TX

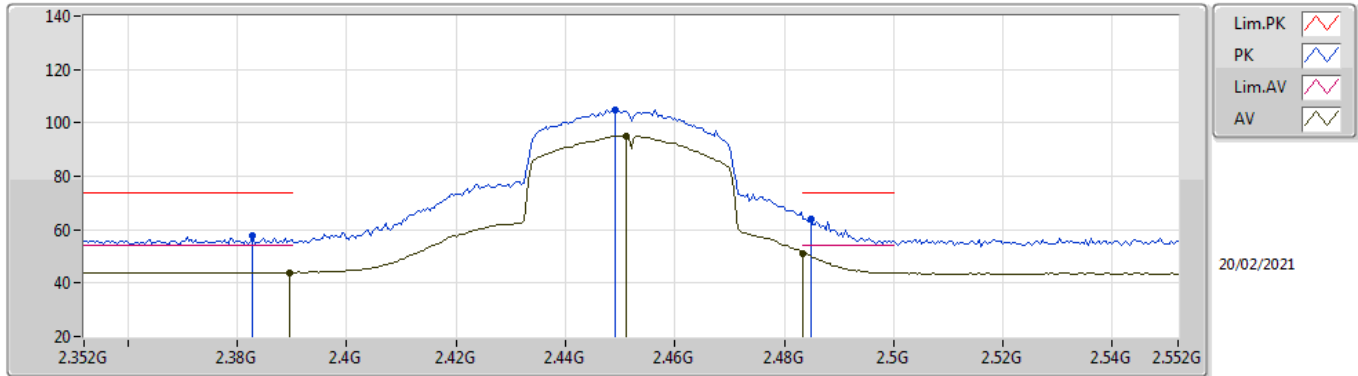
2452MHz_TX



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	2.3752G	43.69	54.00	-10.31	31.56	3	Vertical	101	2.86	-	12.13	27.70	3.86	-
AV	2.4508G	95.47	Inf	-Inf	31.58	3	Vertical	101	2.86	-	63.89	27.60	3.98	-
AV	2.4835G	53.77	54.00	-0.23	31.63	3	Vertical	101	2.86	-	22.14	27.60	4.03	-
PK	2.3716G	56.79	74.00	-17.21	31.57	3	Vertical	101	2.86	-	25.22	27.71	3.86	-
PK	2.4564G	105.46	Inf	-Inf	31.58	3	Vertical	101	2.86	-	73.88	27.60	3.98	-
PK	2.4848G	67.65	74.00	-6.35	31.63	3	Vertical	101	2.86	-	36.02	27.60	4.03	-

VHT40_Nss1,(MCS0)_2TX

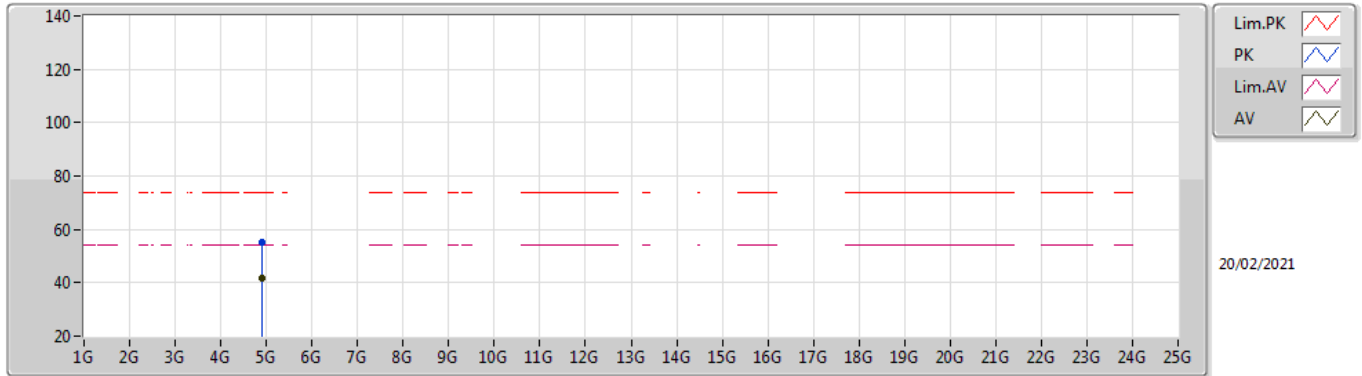
2452MHz_TX



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	2.3896G	43.97	54.00	-10.03	31.52	3	Horizontal	74	1.00	-	12.45	27.64	3.88	-
AV	2.4512G	95.20	Inf	-Inf	31.58	3	Horizontal	74	1.00	-	63.62	27.60	3.98	-
AV	2.4835G	51.15	54.00	-2.85	31.63	3	Horizontal	74	1.00	-	19.52	27.60	4.03	-
PK	2.3828G	57.60	74.00	-16.40	31.54	3	Horizontal	74	1.00	-	26.06	27.67	3.87	-
PK	2.4492G	105.06	Inf	-Inf	31.57	3	Horizontal	74	1.00	-	73.49	27.60	3.97	-
PK	2.4848G	64.21	74.00	-9.79	31.63	3	Horizontal	74	1.00	-	32.58	27.60	4.03	-

VHT40_Nss1,(MCS0)_2TX

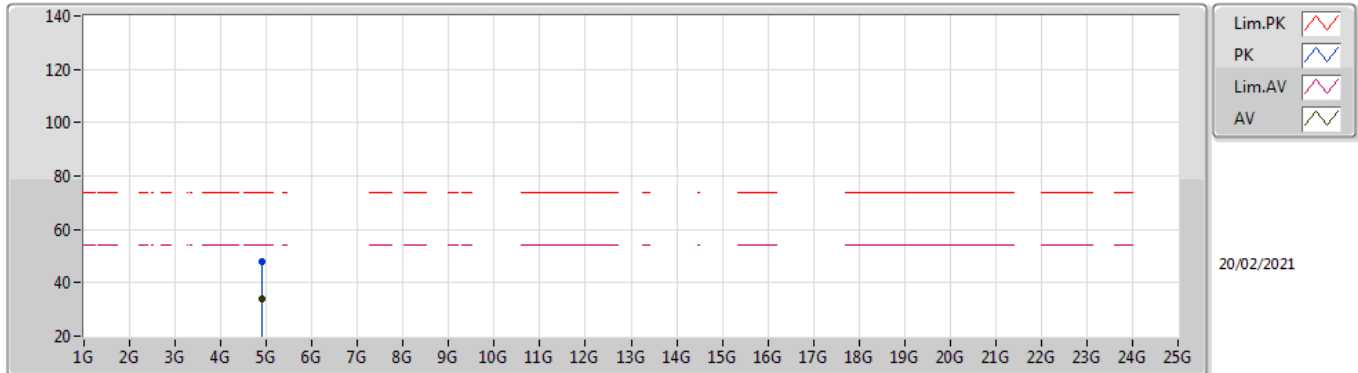
2452MHz_TX



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	4.89976G	41.61	54.00	-12.39	1.62	3	Vertical	14	1.05	-	39.99	31.20	5.35	34.93
PK	4.90408G	55.24	74.00	-18.76	1.64	3	Vertical	14	1.05	-	53.60	31.22	5.35	34.93

VHT40_Nss1,(MCS0)_2TX

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	4.90408G	34.15	54.00	-19.85	1.64	3	Horizontal	231	1.10	-	32.51	31.22	5.35	34.93
PK	4.90808G	47.72	74.00	-26.28	1.65	3	Horizontal	231	1.10	-	46.07	31.23	5.35	34.93



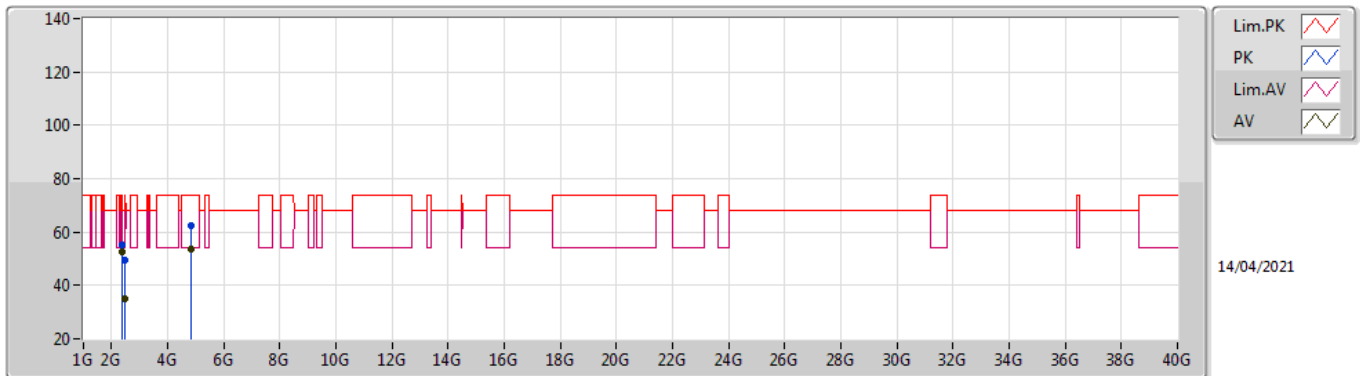
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	AV	4.85396G	53.73	54.00	-0.27	Horizontal

Mode Configure

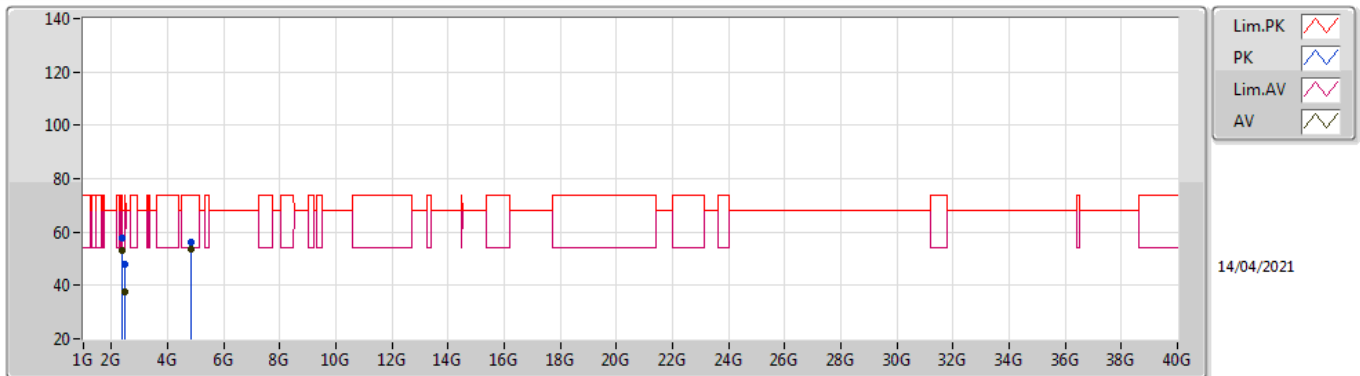
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
Mode 1	Pass	AV	2.38G	52.64	54.00	-1.36	-3.31	3	Vertical	216	2.08	-
Mode 1	Pass	AV	2.49876G	34.92	54.00	-19.08	-3.27	3	Vertical	130	2.49	-
Mode 1	Pass	AV	4.852G	53.44	54.00	-0.56	1.70	3	Vertical	6	1.00	-
Mode 1	Pass	PK	2.38G	55.41	74.00	-18.59	-3.31	3	Vertical	216	2.08	-
Mode 1	Pass	PK	2.49876G	49.62	74.00	-24.38	-3.27	3	Vertical	130	2.49	-
Mode 1	Pass	PK	4.852G	62.57	74.00	-11.43	1.70	3	Vertical	6	1.00	-
Mode 1	Pass	AV	2.38G	52.99	54.00	-1.01	-3.31	3	Horizontal	135	2.40	-
Mode 1	Pass	AV	2.49876G	37.64	54.00	-16.36	-3.27	3	Horizontal	57	1.14	-
Mode 1	Pass	AV	4.85396G	53.73	54.00	-0.27	1.69	3	Horizontal	142	2.33	-
Mode 1	Pass	PK	2.38G	57.88	74.00	-16.12	-3.31	3	Horizontal	135	2.40	-
Mode 1	Pass	PK	2.49876G	48.15	74.00	-25.85	-3.27	3	Horizontal	57	1.14	-
Mode 1	Pass	PK	4.85396G	56.31	74.00	-17.69	1.69	3	Horizontal	142	2.33	-

Mode 1



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	52.64	54.00	-1.36	-3.31	3	Vertical	216	2.08	-	55.95	27.68	3.87	34.86
AV	2.49876G	34.92	54.00	-19.08	-3.27	3	Vertical	130	2.49	-	38.19	27.60	4.05	34.92
AV	4.852G	53.44	54.00	-0.56	1.70	3	Vertical	6	1.00	-	51.74	31.30	5.33	34.93
PK	2.38G	55.41	74.00	-18.59	-3.31	3	Vertical	216	2.08	-	58.72	27.68	3.87	34.86
PK	2.49876G	49.62	74.00	-24.38	-3.27	3	Vertical	130	2.49	-	52.89	27.60	4.05	34.92
PK	4.852G	62.57	74.00	-11.43	1.70	3	Vertical	6	1.00	-	60.87	31.30	5.33	34.93

Mode 1



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	52.99	54.00	-1.01	-3.31	3	Horizontal	135	2.40	-	56.30	27.68	3.87	34.86
AV	2.49876G	37.64	54.00	-16.36	-3.27	3	Horizontal	57	1.14	-	40.91	27.60	4.05	34.92
AV	4.85396G	53.73	54.00	-0.27	1.69	3	Horizontal	142	2.33	-	52.04	31.29	5.33	34.93
PK	2.38G	57.88	74.00	-16.12	-3.31	3	Horizontal	135	2.40	-	61.19	27.68	3.87	34.86
PK	2.49876G	48.15	74.00	-25.85	-3.27	3	Horizontal	57	1.14	-	51.42	27.60	4.05	34.92
PK	4.85396G	56.31	74.00	-17.69	1.69	3	Horizontal	142	2.33	-	54.62	31.29	5.33	34.93