



FCC Radio Test Report

FCC ID : XNI-ID214162
Contains FCC ID : XMR201807EG95NA
Equipment : Router Gen2 Hotspot with Telematics
Brand Name : LCI
Model Name : 2021015320
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 Jan. 28, 2021 and completed on Jul. 23, 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 variant report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC. Hsinhua Laboratory, the test report shall not be reproduced except in full.


Approved by: Jackson Tsai

SPORTON INTERNATIONAL INC. Hsinhua Laboratory

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



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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: Ann Hou



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-222AA1-00	PCB antenna	I-PEX
2	Lynwave	ALX20P-222AA1-00	PCB antenna	I-PEX
3	-	-	PCB monopole antenna	I-PEX

Ant.	Port	Gain (dBi)		
		2.4G	5G	BT
1	1	3.7	5	-
2	2	3.7	5	-
3	1	-	-	1.85

Note 1: The EUT has three antennas.

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 simultaneously.



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 simultaneously.

For BT function:

For IEEE 802.15.1 Bluetooth mode (1TX/1RX)
Ant. 3 (port 1) could transmit/receive.

1.1.3 EUT Information

Table with Operational Condition and Type of EUT sections. Includes checkboxes for Power Type, Function, Beamforming, and Stand-alone/Plug-in radio options.

1.1.4 Mode Test Duty Cycle

Non-Beamforming

Table with 5 columns: Mode, DC, DCF(dB), T(s), VBW(Hz) ≥ 1/T. Lists modes like 802.11b, 802.11g, VHT20, and VHT40.

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

Beamforming

Table with 5 columns: Mode, DC, DCF(dB), T(s), VBW(Hz) ≥ 1/T. Lists modes like VHT20-BF and VHT40-BF.

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

1.1.5 Table for Permissive Change

This product is an extension of original one reported under Sporton project number: FR071337AC

Below is the table for the change of the product with respect to the original one.

Table with 2 columns: Modifications and Performance Checking. Shows extender function enabled by software and verification by EMC.



1.2 Testing Applied Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- ◆ 47 CFR FCC Part 15
- ◆ ANSI C63.10-2013

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

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

1.3 Testing Location Information

Test Lab. : Sporton International Inc. Hsinhua Laboratory				
<input checked="" type="checkbox"/> Hsinhua (TAF: 3785)	ADD: No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.)			
	TEL: 886-3-327-3456	FAX: 886-3-327-0973		
Test site Designation No. TW3785 with FCC.				
Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
AC Conduction	CO04-HY	Daniel	20.1~21.9°C / 51~55%	03/Feb/2021
RF Conducted	TH07-HY	Justin	20.2~22.8°C / 55~56.7%	01/Feb/2021
Radiated (Below 1GHz)	03CH02-HY	Lego	23.1~24.2°C / 58~65%	23/Jul/2021
Radiated (Above 1GHz)	03CH03-HY	Edward	22.1~23.6°C / 52~60%	28/Jan/2021~30/Jan/2021
Radiated (Co-location)	03CH03-HY	Edward	24.6~25.1°C / 53~58%	15/Apr/2021
<input type="checkbox"/> Wen 33rd.St. (TAF: 3785)	ADD: No.14-1, Ln. 19, Wen 33rd St., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.)			
	TEL: 886-3-318-0787	FAX: 886-3-318-0287		
Test site Designation No. TW0008 with FCC.				

1.4 Measurement Uncertainty

ISO/IEC 17025 requires that an estimate of the measurement uncertainties associated with the emissions test results be included in the report. The measurement uncertainties given below are based on a 95% confidence level (based on a coverage factor (k=2))

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	0.9 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	2.4 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	3.7 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	3.6 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	3.5 dB	Confidence levels of 95%
Conducted Emission	1.0 dB	Confidence levels of 95%
Temperature	0.41 °C	Confidence levels of 95%
Humidity	3.4 %	Confidence levels of 95%



2 Test Configuration of EUT

2.1 Test Channel Mode

Test Software Version	RTL819x3.6-2019/04/19
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Non-Beamforming

Mode	Power Setting
802.11b_Nss1,(1Mbps)_2TX	-
2412MHz	91,91
2437MHz	88,88
2462MHz	89,89
802.11g_Nss1,(6Mbps)_2TX	-
2412MHz	84,84
2417MHz	104,104
2437MHz	108,108
2457MHz	99,99
2462MHz	82,82
VHT20_Nss1,(MCS0)_2TX	-
2412MHz	81,81
2417MHz	100,100
2437MHz	108,108
2457MHz	99,99
2462MHz	86,86
VHT40_Nss1,(MCS0)_2TX	-
2422MHz	76,76
2427MHz	84,84
2437MHz	97,97
2447MHz	77,77
2452MHz	76,76

2.2 The Worst Case Measurement Configuration

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

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Test Condition	Radiated measurement
Operating Mode	CTX
1	WLAN 2.4GHz+WLAN 5GHz
Refer to Sporton Test Report No.: Appendix G for Radiated Emission Co-location.	
Operating Mode	CTX
1	WLAN 2.4GHz+WLAN 5GHz+LTE
2	Bluetooth+LTE
Refer to Sporton Test Report No.: FA071337-02 for Co-location RF Exposure Evaluation.	



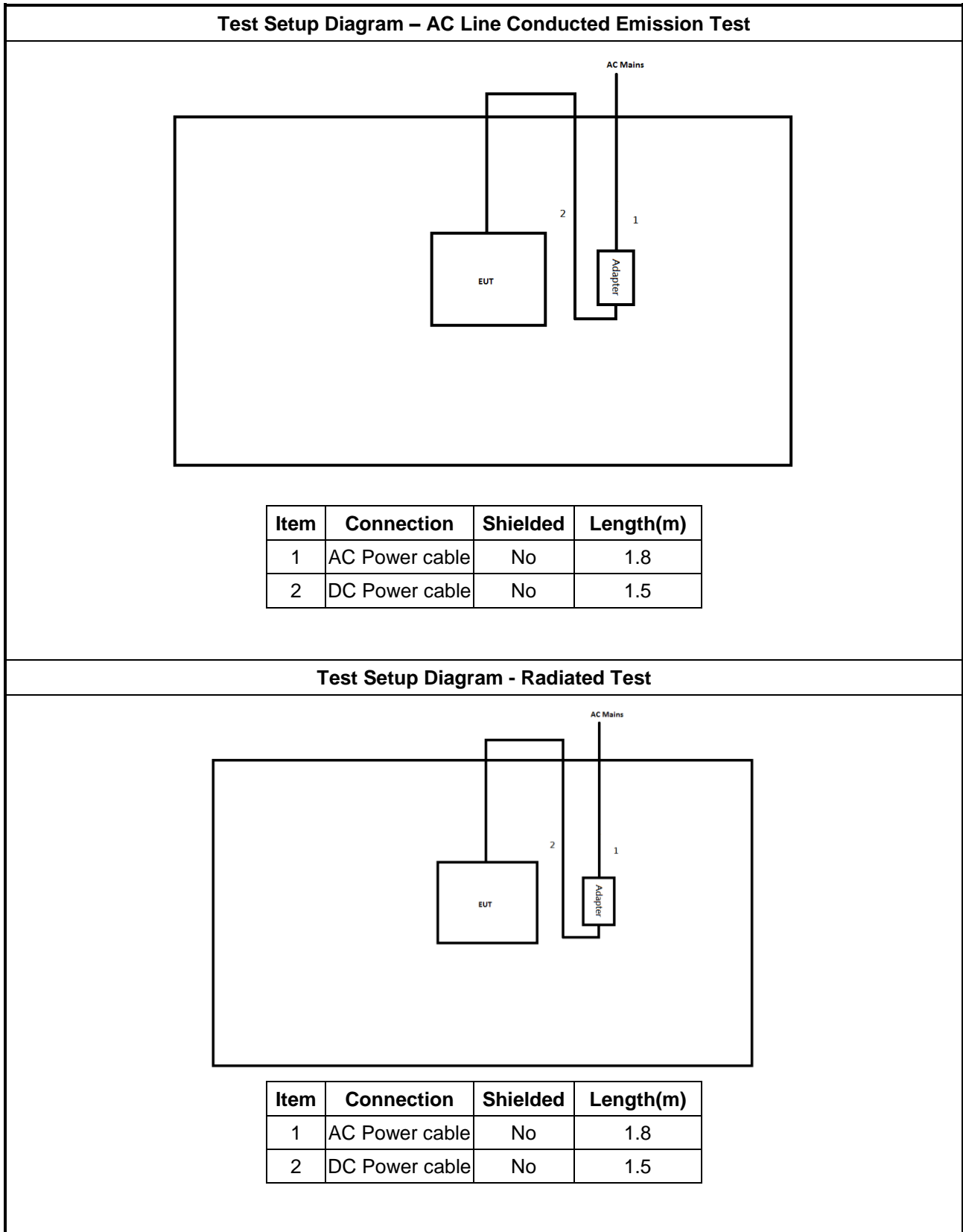
2.3 Support Equipment

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

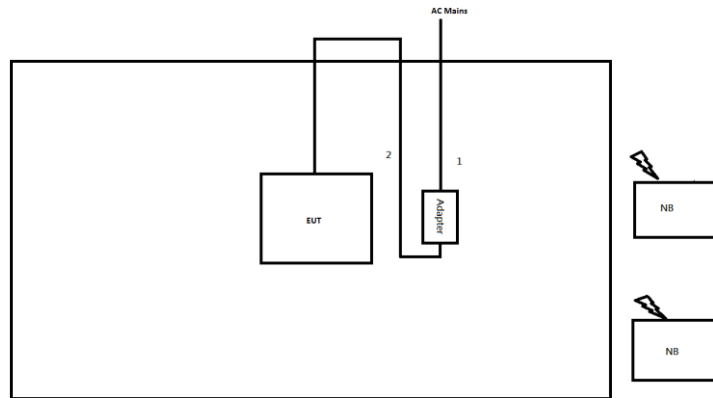
Support Equipment – Conducted					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Notebook	DELL	E5410	-	-
2	Adapter for NB	DELL	HA65NM130	-	-
3	AC Adapter	Asian Power Devices inc.	DA-48T12	-	Provided by Customer

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

2.4 Test Setup Diagram



Test Setup Diagram - Radiated Test (Co-location)



Item	Connection	Shielded	Length(m)
1	AC Power cable	No	1.5
2	DC Power cable	No	1.5



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

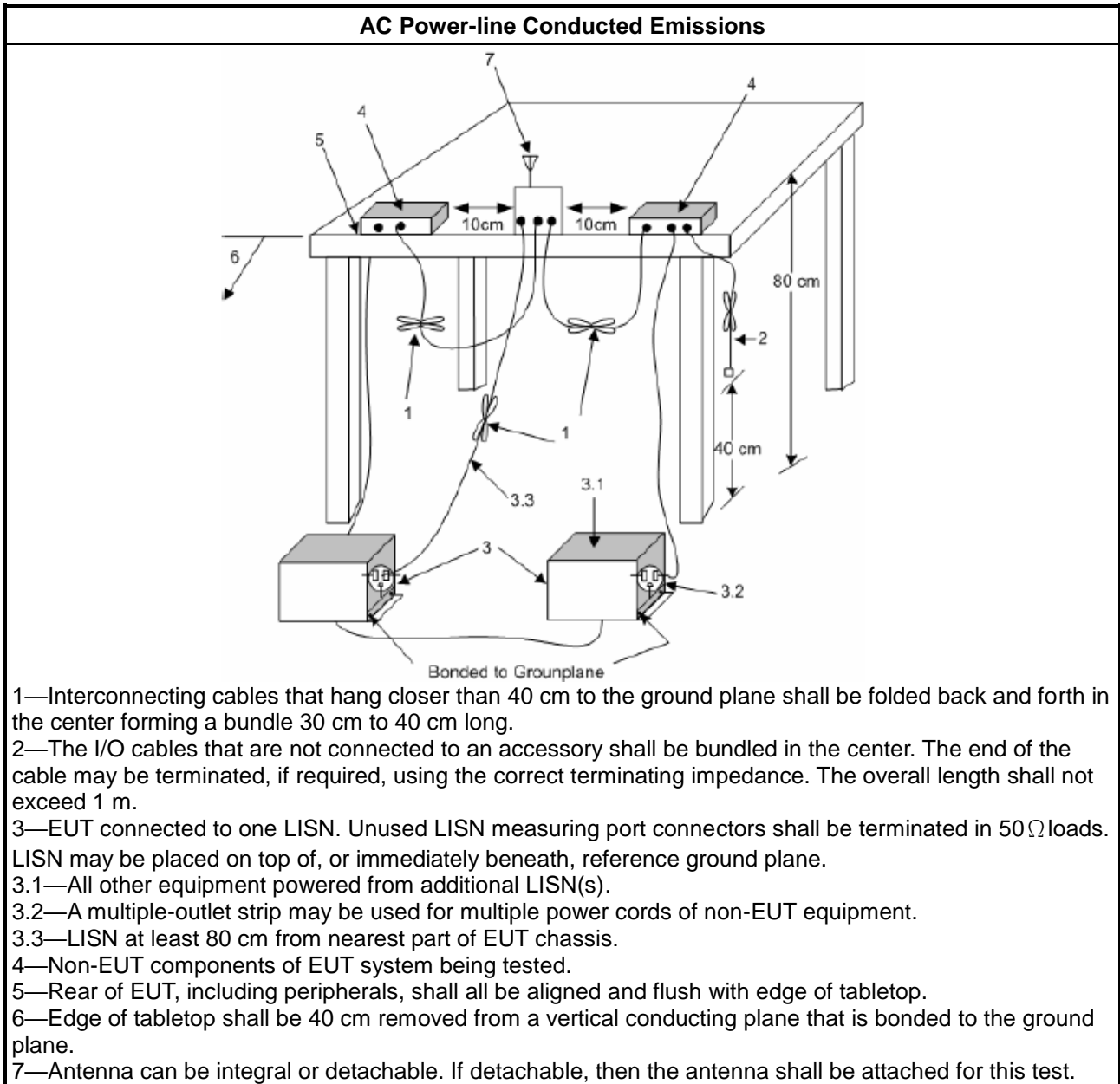
Test Method
<input checked="" type="checkbox"/> Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

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.

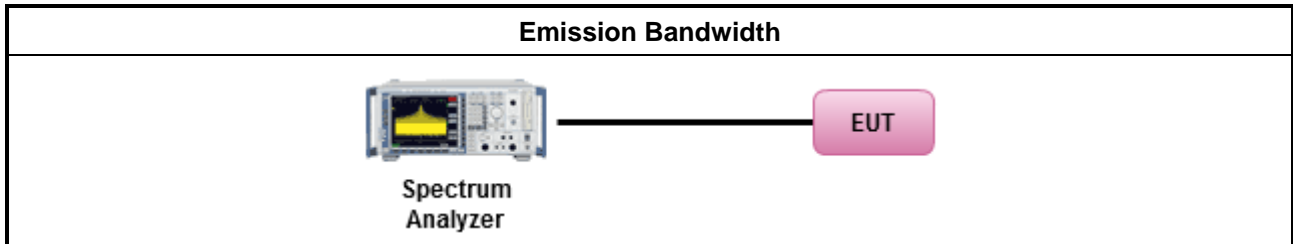
3.2.2 Measuring Instruments

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

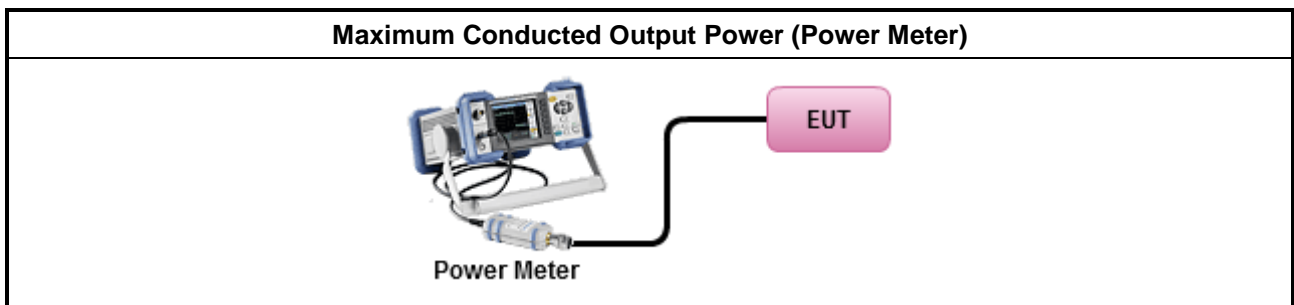
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

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

3.3.4 Test Setup



3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Power Spectral Density

3.4.1 Power Spectral Density Limit

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

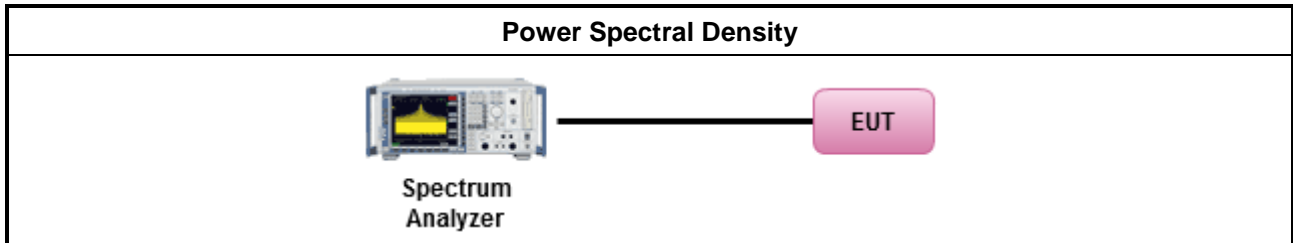
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

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

3.4.4 Test Setup



3.4.5 Test Result of Power Spectral Density

Refer as Appendix D

3.5 Emissions in Non-restricted Frequency Bands

3.5.1 Emissions in Non-restricted Frequency Bands Limit

Un-restricted Band Emissions Limit	
RF output power procedure	Limit (dB)
Peak output power procedure	20
Average output power procedure	30
<p>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.</p> <p>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.</p>	

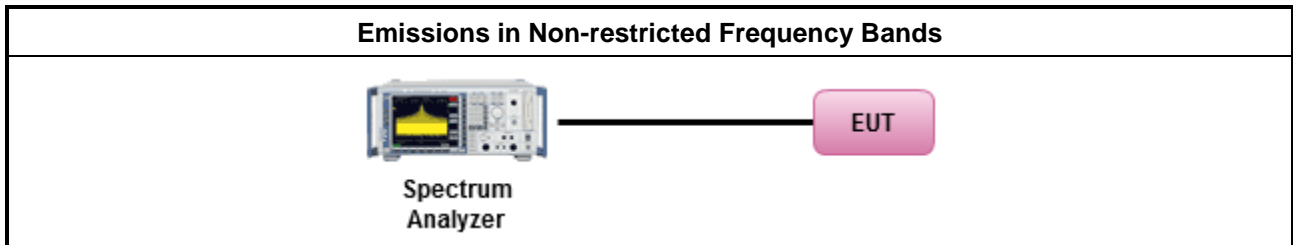
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

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

3.5.4 Test Setup



3.5.5 Test Result of Emissions in Non-restricted Frequency Bands

Refer as Appendix E



3.6 Emissions in Restricted Frequency Bands

3.6.1 Emissions in Restricted Frequency Bands Limit

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

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

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

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

3.6.2 Measuring Instruments

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



3.6.3 Test Procedures

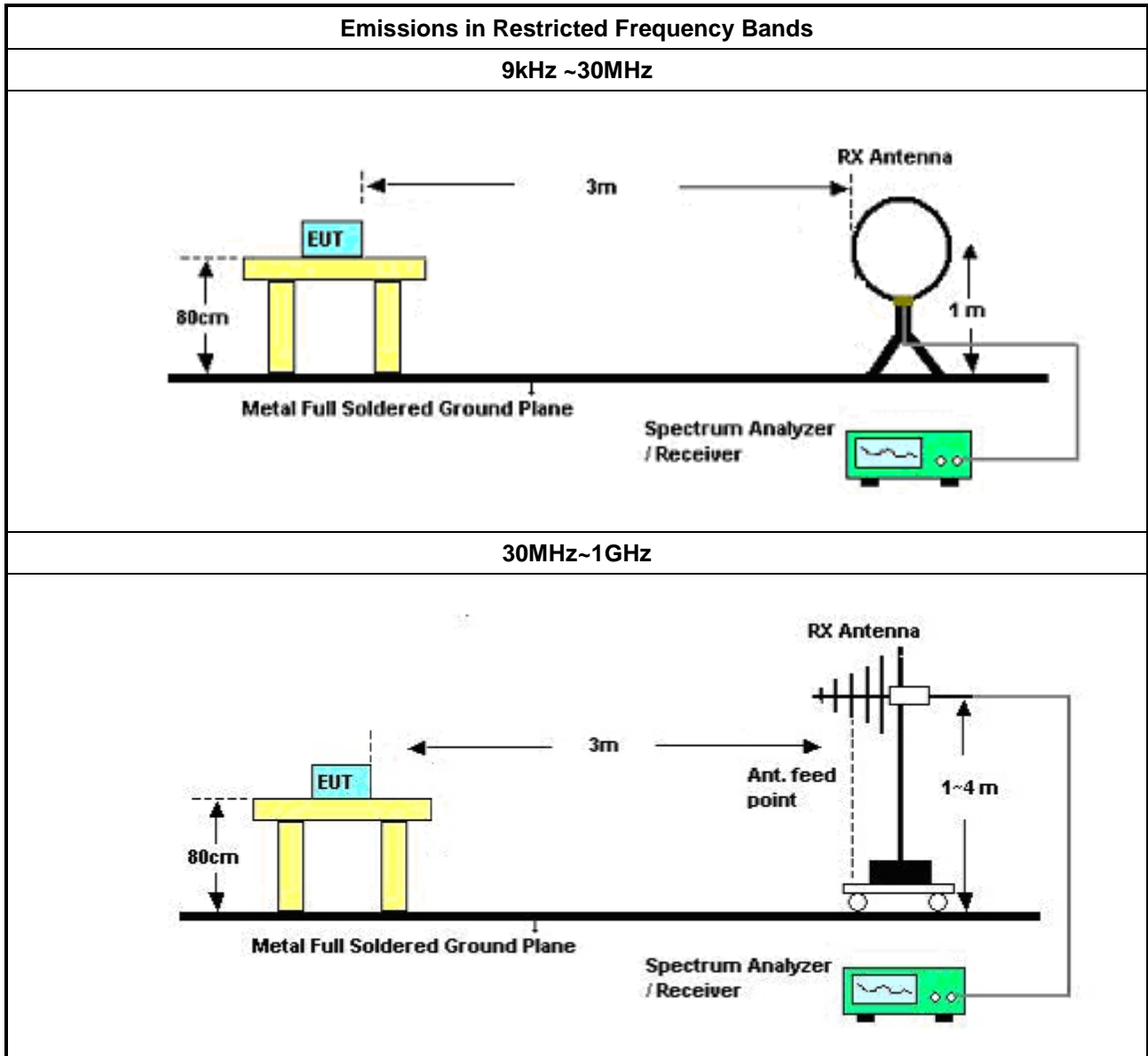
Test Method	
	<ul style="list-style-type: none"> The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor].
	<ul style="list-style-type: none"> Refer as ANSI C63.10, clause 6.10.3 band-edge testing shall be performed at the lowest frequency channel and highest frequency channel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

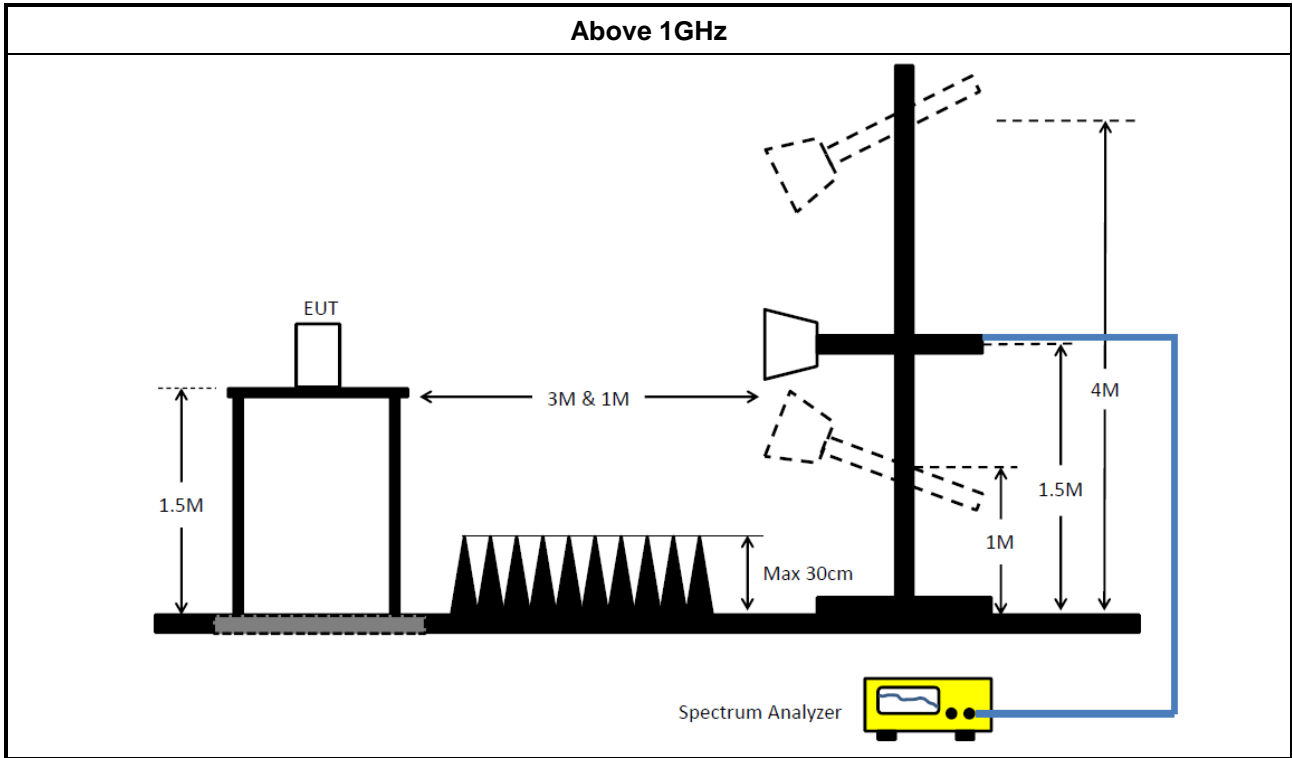
3.6.4 Measurement Results Calculation

The measured Level is calculated using:

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

3.6.5 Test Setup





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

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

3.6.7 Test Result of Emissions in Restricted Frequency Bands

Refer as Appendix F



4 Test Equipment and Calibration Data

Instrument for AC Conduction

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
EMI Test Receiver	R&S	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-CON	MTJ	RG142	CB002-CO	9kHz ~ 200MHz	31/Aug/2020	30/Aug/2021
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
Signal Analyzer	R&S	FSV 40	101515	10Hz~40GHz	15/Feb/2020	14/Feb/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 (03CH02-HY)

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH02-HY	30MHz~1GHz 3m	04/Aug/2020	03/Aug/2021
Signal Analyzer	R&S	FSP40	100593	9kHz~40GHz	12/Mar/2021	11/Mar/2022
Amplifier	Agilent	8447D	2944A11149	100kHz~1.3GHz	29/Jun/2021	28/Jun/2022
Bilog Antenna & 5dB Attenuator	SCHAFFNER / MTJ	CBL 6112B / MTJ6102-05	2723 / 2	30MHz~1GHz	06/Sep/2020	05/Sep/2021
RF Cable	MVE	400LL	MVE-1-0802	9kHz~30MHz	05/May/2021	04/May/2022
RF Cable	MVE	400LL	MVE-1-0802	30MHz~1GHz	05/May/2021	04/May/2022
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	16/Mar/2021	15/Mar/2022
EMI Test Receiver	R&S	ESR3	102052	9kHz~3.6GHz	19/Apr/2021	18/Apr/2022

**Instrument for Radiated Test (03CH03-HY)**

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	1GHz~18GHz 3m	04/Aug/2020	03/Aug/2021
Signal Analyzer	R&S	FSV40	101500	10Hz~40GHz	19/Aug/2020	18/Aug/2021
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1531	1GHz~18GHz	26/Mar/2020	25/Mar/2021
RF CABLE 5+6m	HUBER+SUHNER	SUOFLEX 104	SN MY38596/4+SN 804300/4	1GHz~40GHz	04/Aug/2020	03/Aug/2021
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	18GHz~40GHz	13/Mar/2020	12/Mar/2021
Preamplifier	MITEQ	TTA1840-35-HG	1864481	18GHz~40GHz	10/Mar/2020	09/Mar/2021

Instrument for Radiated Test (Co-location)

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	1GHz~18GHz 3m	04/Aug/2020	03/Aug/2021
Signal Analyzer	R&S	FSV40	101500	10Hz~40GHz	19/Aug/2020	18/Aug/2021
Microwave System Preamplifier	KEYSIGHT	83017A	MY53270196	1GHz~26.5GHz	06/Oct/2020	05/Oct/2021
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1531	1GHz~18GHz	24/Mar/2021	23/Mar/2022
RF CABLE 5+6m	HUBER+SUHNER	SUOFLEX 104	SN MY38596/4+SN 804300/4	1GHz~40GHz	04/Aug/2020	03/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



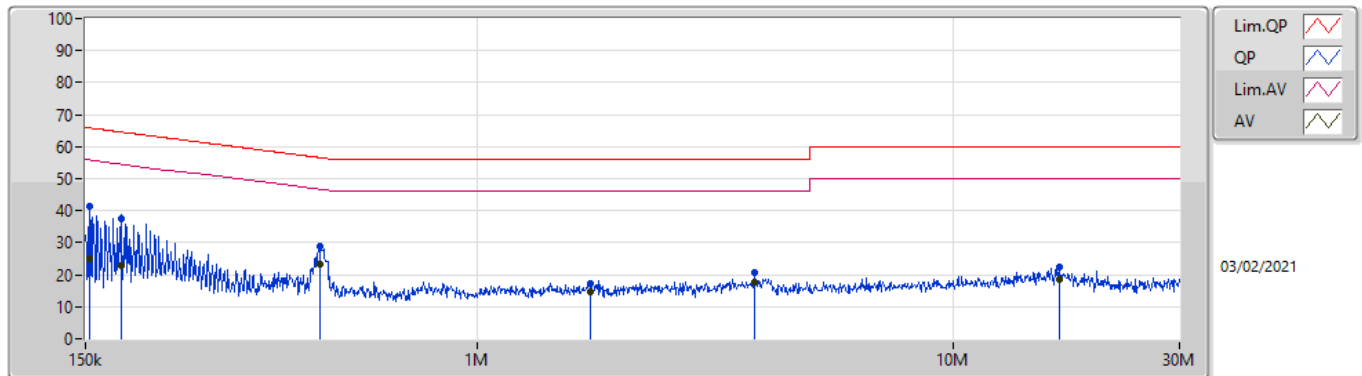
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	467.95k	23.54	46.55	-23.01	Neutral

Mode Configure

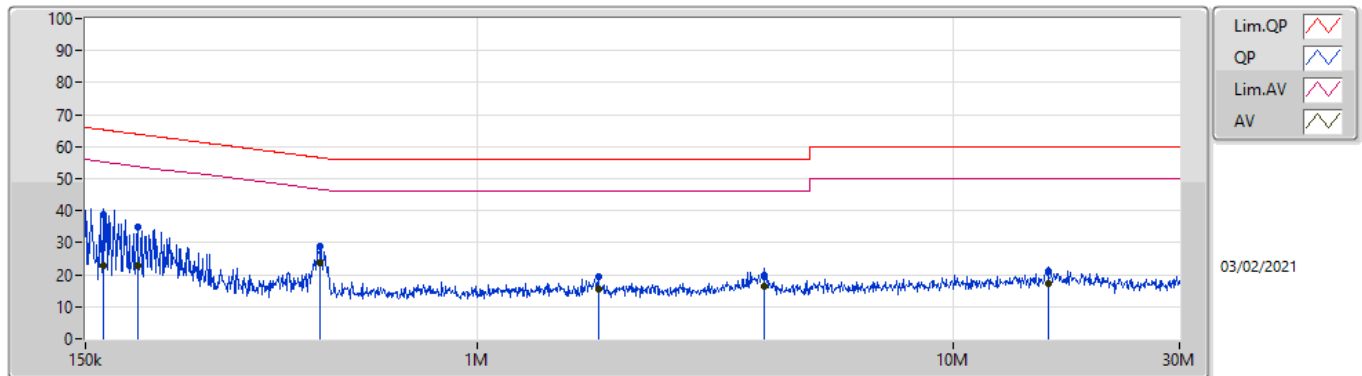
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	153.024k	41.59	65.83	-24.24	Line	-
Mode 1	Pass	AV	153.024k	25.03	55.83	-30.80	Line	-
Mode 1	Pass	QP	178.091k	37.37	64.57	-27.20	Line	-
Mode 1	Pass	AV	178.091k	22.79	54.57	-31.78	Line	-
Mode 1	Pass	QP	467.95k	28.70	56.55	-27.85	Line	-
Mode 1	Pass	AV	467.95k	23.35	46.55	-23.20	Line	-
Mode 1	Pass	QP	1.726M	17.44	56.00	-38.56	Line	-
Mode 1	Pass	AV	1.726M	14.63	46.00	-31.37	Line	-
Mode 1	Pass	QP	3.836M	20.89	56.00	-35.11	Line	-
Mode 1	Pass	AV	3.836M	17.55	46.00	-28.45	Line	-
Mode 1	Pass	QP	16.734M	22.28	60.00	-37.72	Line	-
Mode 1	Pass	AV	16.734M	18.65	50.00	-31.35	Line	-
Mode 1	Pass	QP	163.117k	38.66	65.31	-26.65	Neutral	-
Mode 1	Pass	AV	163.117k	22.65	55.31	-32.66	Neutral	-
Mode 1	Pass	QP	192.892k	34.74	63.92	-29.18	Neutral	-
Mode 1	Pass	AV	192.892k	22.81	53.92	-31.11	Neutral	-
Mode 1	Pass	QP	467.95k	28.86	56.55	-27.69	Neutral	-
Mode 1	Pass	AV	467.95k	23.54	46.55	-23.01	Neutral	-
Mode 1	Pass	QP	1.797M	19.26	56.00	-36.74	Neutral	-
Mode 1	Pass	AV	1.797M	15.73	46.00	-30.27	Neutral	-
Mode 1	Pass	QP	4.008M	19.91	56.00	-36.09	Neutral	-
Mode 1	Pass	AV	4.008M	16.40	46.00	-29.60	Neutral	-
Mode 1	Pass	QP	15.888M	21.00	60.00	-39.00	Neutral	-
Mode 1	Pass	AV	15.888M	17.17	50.00	-32.83	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	153.024k	41.59	65.83	-24.24	19.60	Line	-	21.99	9.69	0.01	9.90
AV	153.024k	25.03	55.83	-30.80	19.60	Line	-	5.43	9.69	0.01	9.90
QP	178.091k	37.37	64.57	-27.20	19.59	Line	-	17.78	9.68	0.01	9.90
AV	178.091k	22.79	54.57	-31.78	19.59	Line	-	3.20	9.68	0.01	9.90
QP	467.95k	28.70	56.55	-27.85	19.58	Line	-	9.12	9.67	0.03	9.88
AV	467.95k	23.35	46.55	-23.20	19.58	Line	-	3.77	9.67	0.03	9.88
QP	1.726M	17.44	56.00	-38.56	19.55	Line	-	-2.11	9.68	0.07	9.80
AV	1.726M	14.63	46.00	-31.37	19.55	Line	-	-4.92	9.68	0.07	9.80
QP	3.836M	20.89	56.00	-35.11	19.70	Line	-	1.19	9.69	0.12	9.89
AV	3.836M	17.55	46.00	-28.45	19.70	Line	-	-2.15	9.69	0.12	9.89
QP	16.734M	22.28	60.00	-37.72	19.85	Line	-	2.43	9.68	0.27	9.90
AV	16.734M	18.65	50.00	-31.35	19.85	Line	-	-1.20	9.68	0.27	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	163.117k	38.66	65.31	-26.65	19.60	Neutral	-	19.06	9.69	0.01	9.90
AV	163.117k	22.65	55.31	-32.66	19.60	Neutral	-	3.05	9.69	0.01	9.90
QP	192.892k	34.74	63.92	-29.18	19.59	Neutral	-	15.15	9.68	0.01	9.90
AV	192.892k	22.81	53.92	-31.11	19.59	Neutral	-	3.22	9.68	0.01	9.90
QP	467.95k	28.86	56.55	-27.69	19.58	Neutral	-	9.28	9.67	0.03	9.88
AV	467.95k	23.54	46.55	-23.01	19.58	Neutral	-	3.96	9.67	0.03	9.88
QP	1.797M	19.26	56.00	-36.74	19.56	Neutral	-	-0.30	9.68	0.08	9.80
AV	1.797M	15.73	46.00	-30.27	19.56	Neutral	-	-3.83	9.68	0.08	9.80
QP	4.008M	19.91	56.00	-36.09	19.71	Neutral	-	0.20	9.69	0.12	9.90
AV	4.008M	16.40	46.00	-29.60	19.71	Neutral	-	-3.31	9.69	0.12	9.90
QP	15.888M	21.00	60.00	-39.00	19.90	Neutral	-	1.10	9.74	0.26	9.90
AV	15.888M	17.17	50.00	-32.83	19.90	Neutral	-	-2.73	9.74	0.26	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	10.125M	14.368M	14M4G1D	10.1M	13.843M
802.11g_Nss1,(6Mbps)_2TX	15.925M	20.715M	20M7D1D	14.775M	16.292M
VHT20_Nss1,(MCS0)_2TX	16.5M	20.665M	20M7D1D	15.9M	17.441M
VHT40_Nss1,(MCS0)_2TX	25.55M	35.332M	35M3D1D	22.95M	34.533M

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_TnomVnom	Pass	500k	10.1M	13.843M	10.125M	14.368M
2437MHz_TnomVnom	Pass	500k	10.125M	13.943M	10.125M	14.143M
2462MHz_TnomVnom	Pass	500k	10.1M	14.068M	10.125M	14.118M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	500k	15.925M	16.317M	14.775M	16.417M
2437MHz_TnomVnom	Pass	500k	15.625M	18.116M	15.525M	20.715M
2462MHz_TnomVnom	Pass	500k	15.325M	16.292M	14.775M	16.367M
VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	500k	16.275M	17.441M	16.15M	17.516M
2437MHz_TnomVnom	Pass	500k	16.5M	18.466M	16.175M	20.665M
2462MHz_TnomVnom	Pass	500k	16.125M	17.516M	15.9M	17.541M
VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	500k	25.05M	34.533M	23.8M	34.833M
2437MHz_TnomVnom	Pass	500k	24.65M	34.833M	25.55M	35.332M
2452MHz_TnomVnom	Pass	500k	22.95M	34.733M	23.9M	34.733M

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

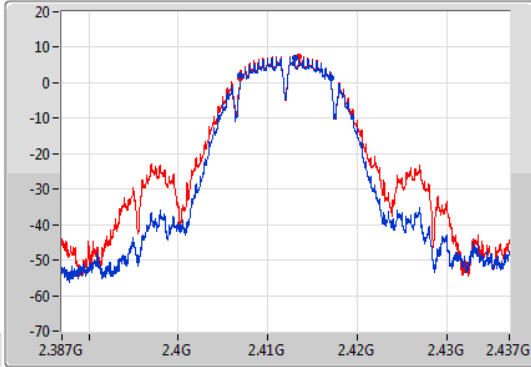
802.11b_Nss1,(1Mbps)_2TX

EBW

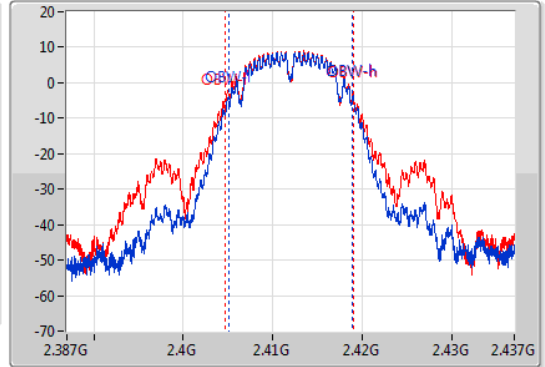
2412MHz

01/02/2021

CF
2.412GHz
Span
50MHz
RBW
100kHz
VBW
300kHz
Sweep Time
100ms
Detector Type
Peak



CF
2.412GHz
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
10.1M	2.40695G	2.41705G	13.843M	2.405078G	2.418922G	500k	1
10.125M	2.406925G	2.41705G	14.368M	2.404704G	2.419071G	500k	2

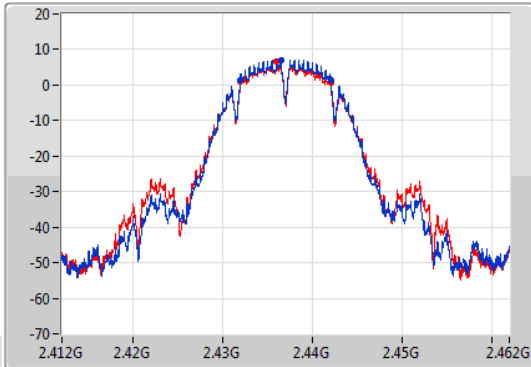
802.11b_Nss1,(1Mbps)_2TX

EBW

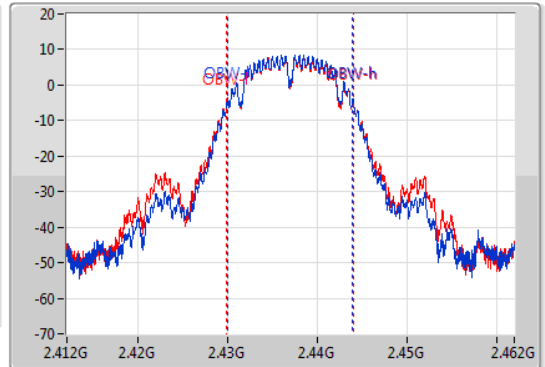
2437MHz

01/02/2021

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



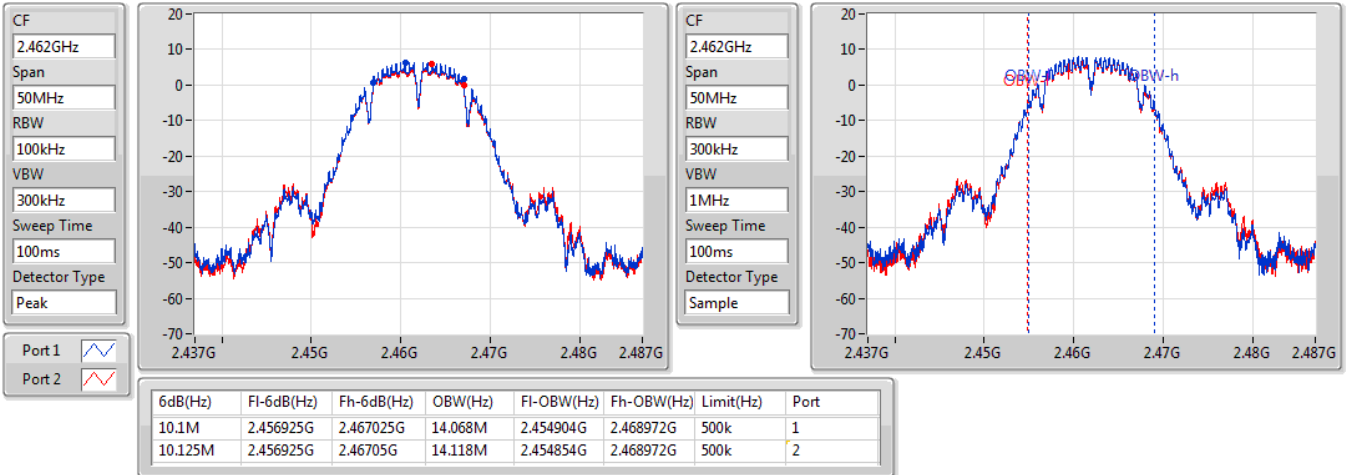
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
10.125M	2.431925G	2.44205G	13.943M	2.430003G	2.443947G	500k	1
10.125M	2.431925G	2.44205G	14.143M	2.429879G	2.444021G	500k	2

802.11b_Nss1,(1Mbps)_2TX

EBW

2462MHz

01/02/2021

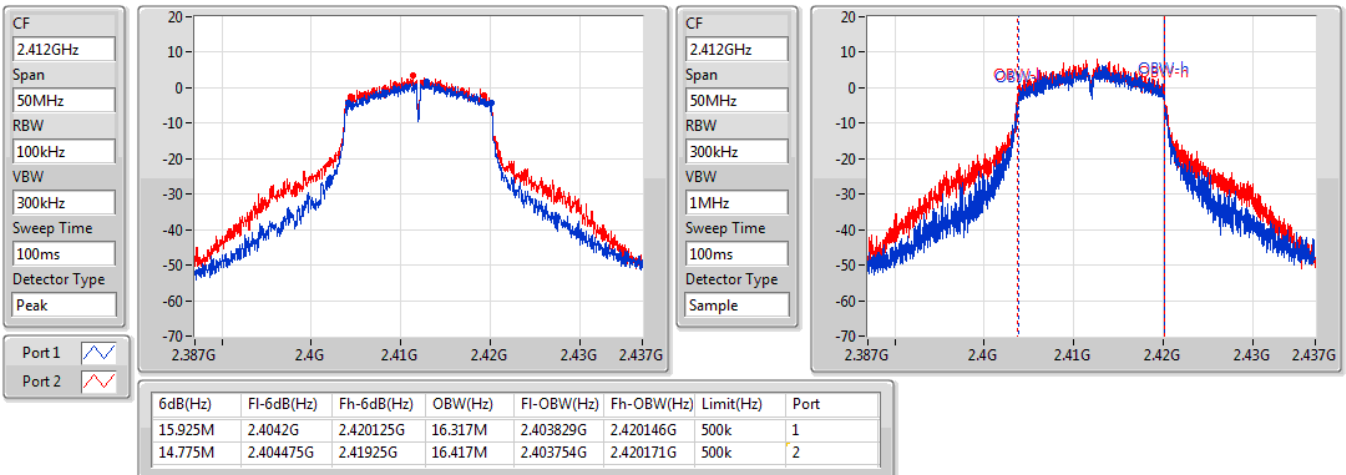


802.11g_Nss1,(6Mbps)_2TX

EBW

2412MHz

01/02/2021



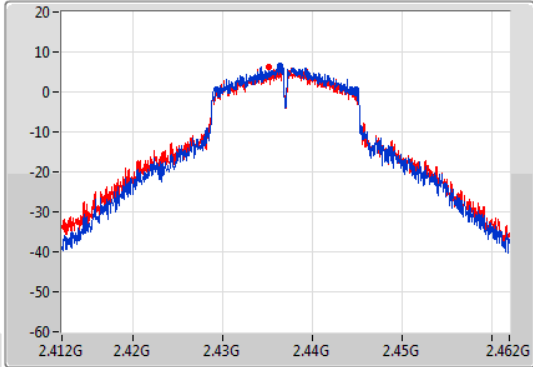
802.11g_Nss1,(6Mbps)_2TX

EBW

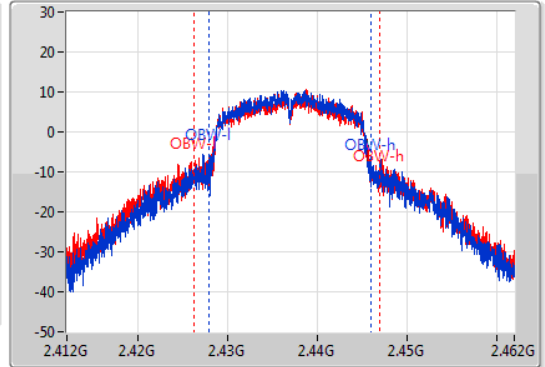
2437MHz

01/02/2021

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
15.625M	2.429225G	2.44485G	18.116M	2.427855G	2.445971G	500k	1
15.525M	2.429325G	2.44485G	20.715M	2.42618G	2.446895G	500k	2

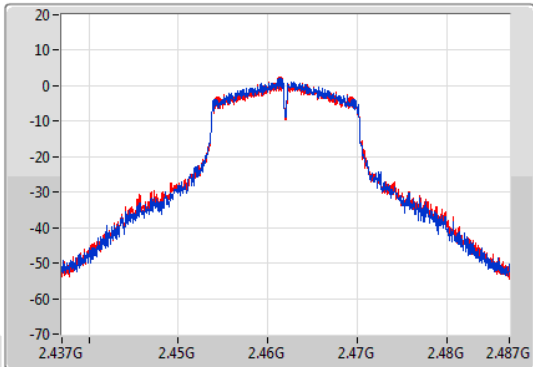
802.11g_Nss1,(6Mbps)_2TX

EBW

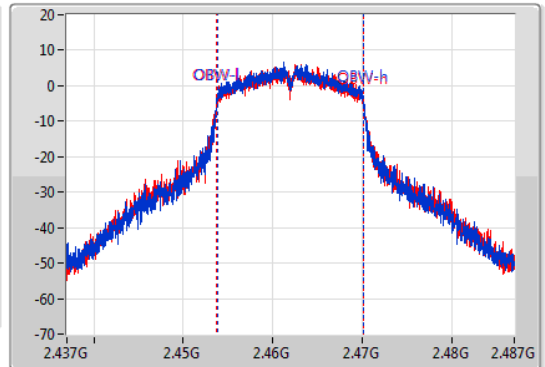
2462MHz

01/02/2021

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



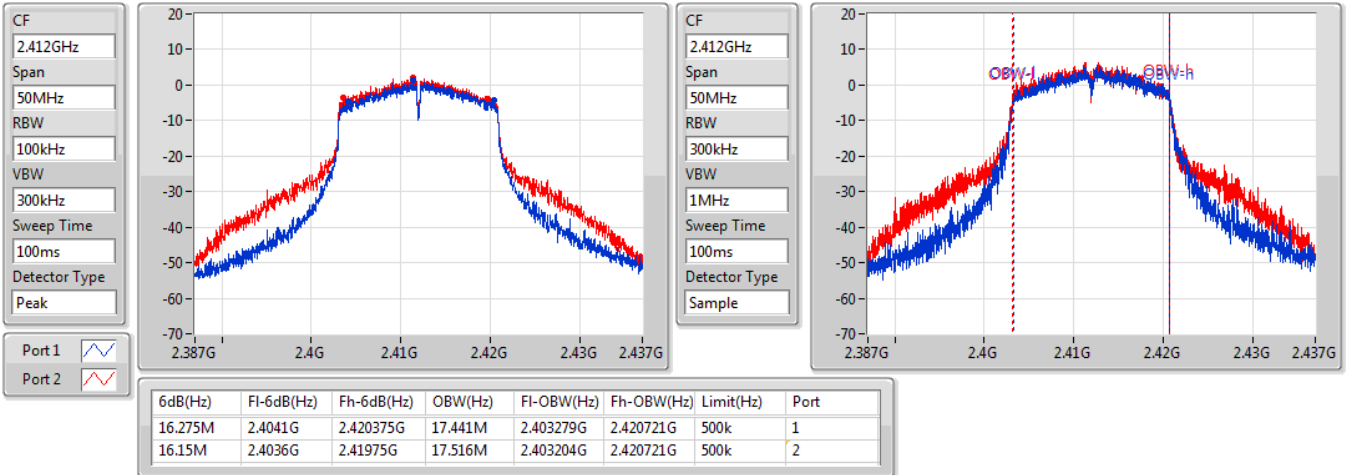
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.325M	2.4542G	2.469525G	16.292M	2.453804G	2.470096G	500k	1
14.775M	2.454475G	2.46925G	16.367M	2.453779G	2.470146G	500k	2

VHT20_Nss1,(MCS0)_2TX

EBW

2412MHz

01/02/2021

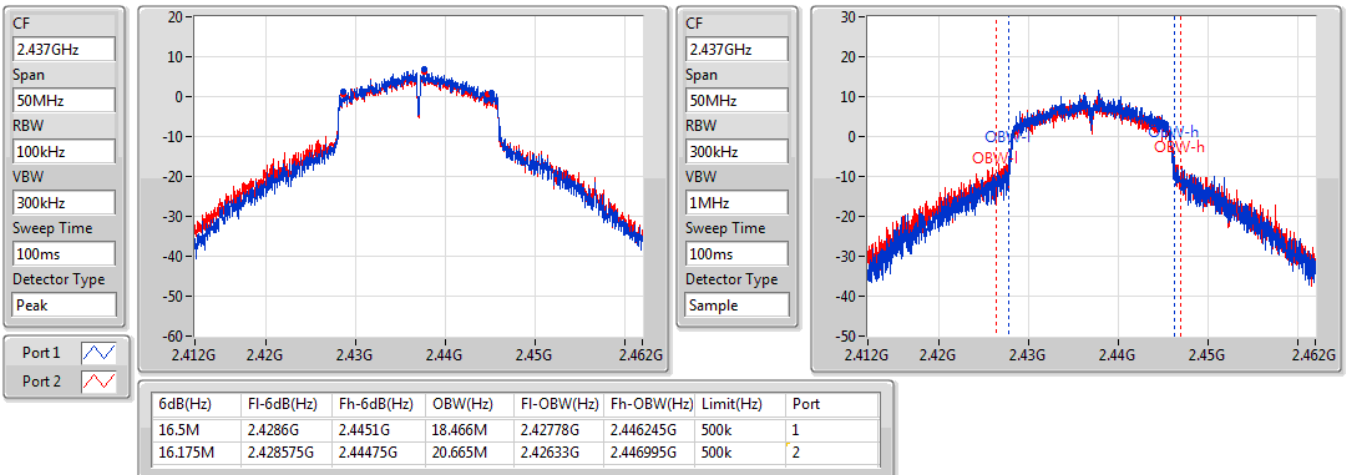


VHT20_Nss1,(MCS0)_2TX

EBW

2437MHz

01/02/2021



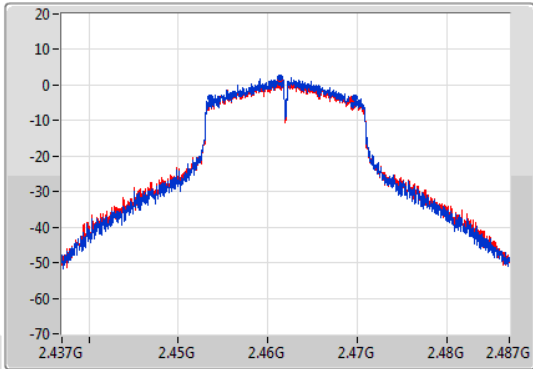
VHT20_Nss1,(MCS0)_2TX

EBW

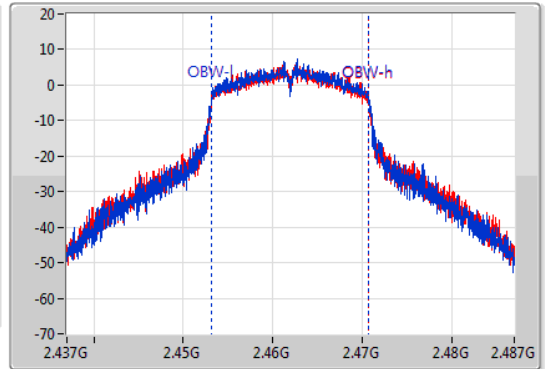
2462MHz

01/02/2021

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
16.125M	2.4536G	2.469725G	17.516M	2.453204G	2.470721G	500k	1
15.9M	2.4536G	2.4695G	17.541M	2.453179G	2.470721G	500k	2

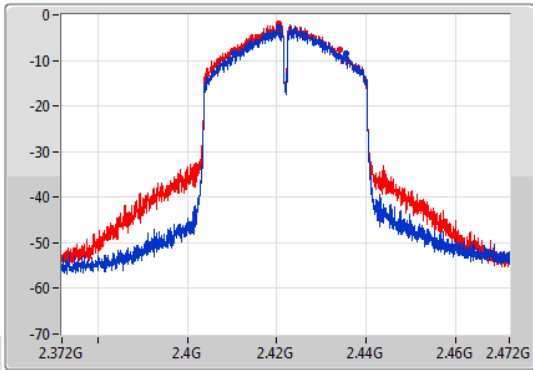
VHT40_Nss1,(MCS0)_2TX

EBW

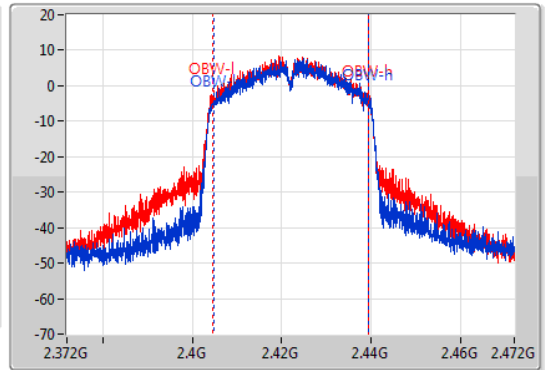
2422MHz

01/02/2021

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



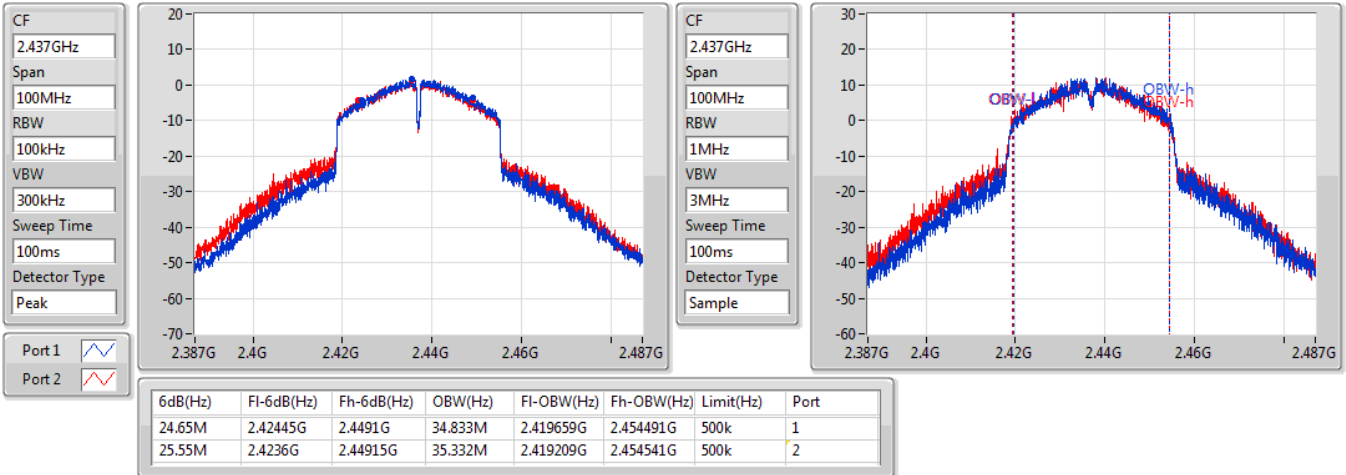
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
25.05M	2.41035G	2.4354G	34.533M	2.404809G	2.439341G	500k	1
23.8M	2.4103G	2.4341G	34.833M	2.404459G	2.439291G	500k	2

VHT40_Nss1,(MCS0)_2TX

EBW

2437MHz

01/02/2021

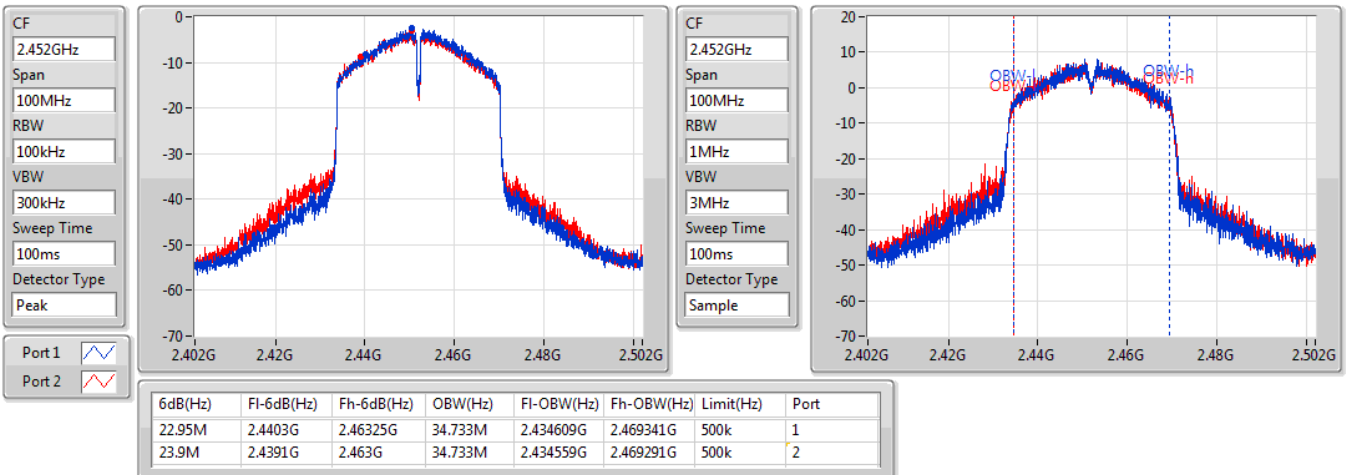


VHT40_Nss1,(MCS0)_2TX

EBW

2452MHz

01/02/2021





Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_2TX	22.16	0.16444
802.11g_Nss1,(6Mbps)_2TX	23.03	0.20091
VHT20_Nss1,(MCS0)_2TX	22.87	0.19364
VHT40_Nss1,(MCS0)_2TX	20.93	0.12388



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	3.70	18.92	19.36	22.16	30.00
2437MHz_TnomVnom	Pass	3.70	18.72	18.36	21.55	30.00
2462MHz_TnomVnom	Pass	3.70	18.26	17.81	21.05	30.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	3.70	15.85	16.70	19.31	30.00
2417MHz_TnomVnom	Pass	3.70	19.90	19.70	22.81	30.00
2437MHz_TnomVnom	Pass	3.70	20.30	19.72	23.03	30.00
2457MHz_TnomVnom	Pass	3.70	18.75	18.17	21.48	30.00
2462MHz_TnomVnom	Pass	3.70	15.37	14.99	18.19	30.00
VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	3.70	14.95	15.92	18.47	30.00
2417MHz_TnomVnom	Pass	3.70	19.09	19.05	22.08	30.00
2437MHz_TnomVnom	Pass	3.70	20.14	19.56	22.87	30.00
2457MHz_TnomVnom	Pass	3.70	18.59	17.97	21.30	30.00
2462MHz_TnomVnom	Pass	3.70	16.03	15.54	18.80	30.00
VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	3.70	13.56	14.25	16.93	30.00
2427MHz_TnomVnom	Pass	3.70	15.51	15.79	18.66	30.00
2437MHz_TnomVnom	Pass	3.70	18.06	17.78	20.93	30.00
2447MHz_TnomVnom	Pass	3.70	15.36	15.10	18.24	30.00
2452MHz_TnomVnom	Pass	3.70	13.68	13.39	16.55	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	19.86	0.09683
VHT40-BF_Nss1,(MCS0)_2TX	17.92	0.06194



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	6.71	11.94	12.91	15.46	29.29
2417MHz_TnomVnom	Pass	6.71	16.08	16.04	19.07	29.29
2437MHz_TnomVnom	Pass	6.71	17.13	16.55	19.86	29.29
2457MHz_TnomVnom	Pass	6.71	15.58	14.96	18.29	29.29
2462MHz_TnomVnom	Pass	6.71	13.02	12.53	15.79	29.29
VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	6.71	10.55	11.24	13.92	29.29
2427MHz_TnomVnom	Pass	6.71	12.50	12.78	15.65	29.29
2437MHz_TnomVnom	Pass	6.71	15.05	14.77	17.92	29.29
2447MHz_TnomVnom	Pass	6.71	12.35	12.09	15.23	29.29
2452MHz_TnomVnom	Pass	6.71	10.67	10.38	13.54	29.29

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



Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_2TX	-10.07
802.11g_Nss1,(6Mbps)_2TX	-6.37
VHT20_Nss1,(MCS0)_2TX	-4.77
VHT40_Nss1,(MCS0)_2TX	-9.64

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_TnomVnom	Pass	6.71	-13.12	-12.82	-10.07	7.29
2437MHz_TnomVnom	Pass	6.71	-13.37	-13.70	-10.65	7.29
2462MHz_TnomVnom	Pass	6.71	-13.93	-14.49	-11.21	7.29
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	6.71	-12.95	-11.97	-9.72	7.29
2437MHz_TnomVnom	Pass	6.71	-8.46	-9.07	-6.37	7.29
2462MHz_TnomVnom	Pass	6.71	-13.40	-14.17	-10.91	7.29
VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	6.71	-13.76	-12.54	-10.21	7.29
2437MHz_TnomVnom	Pass	6.71	-7.52	-8.06	-4.77	7.29
2462MHz_TnomVnom	Pass	6.71	-12.52	-13.55	-10.00	7.29
VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	6.71	-16.67	-15.79	-13.23	7.29
2437MHz_TnomVnom	Pass	6.71	-11.98	-12.00	-9.64	7.29
2452MHz_TnomVnom	Pass	6.71	-14.71	-16.77	-13.89	7.29

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;

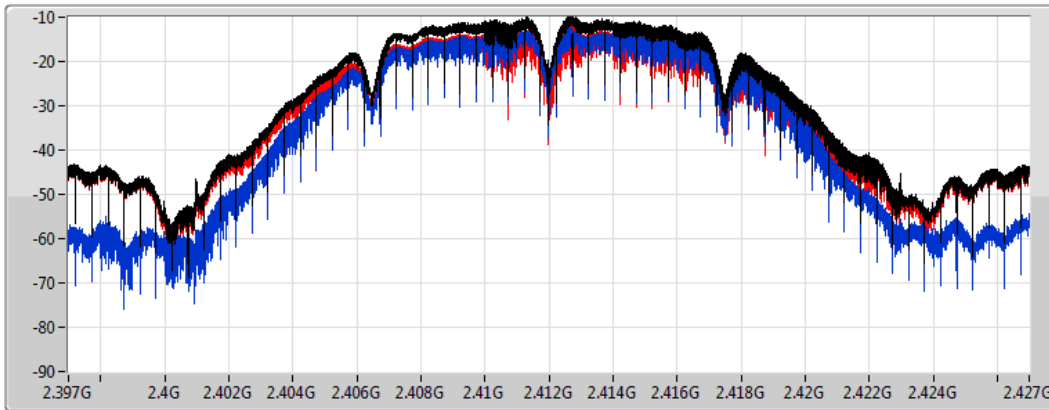
802.11b_Nss1,(1Mbps)_2TX




PSD

2412MHz

01/02/2021

CF
2.412GHz
Span
30MHz
RBW
3kHz
VBW
10kHz
Sweep Time
334ms
Detector Type
Peak



Sum 
Port 1 
Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.07	-10.07	-13.12	-12.82

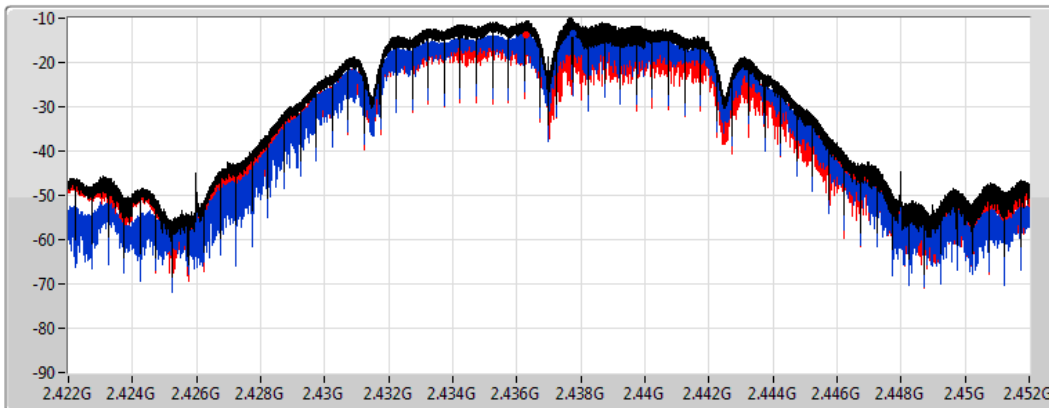
802.11b_Nss1,(1Mbps)_2TX




PSD

2437MHz

01/02/2021

CF
2.437GHz
Span
30MHz
RBW
3kHz
VBW
10kHz
Sweep Time
334ms
Detector Type
Peak



Sum 
Port 1 
Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.65	-10.65	-13.37	-13.70

802.11b_Nss1,(1Mbps)_2TX

PSD

2462MHz

01/02/2021

CF
2.462GHz

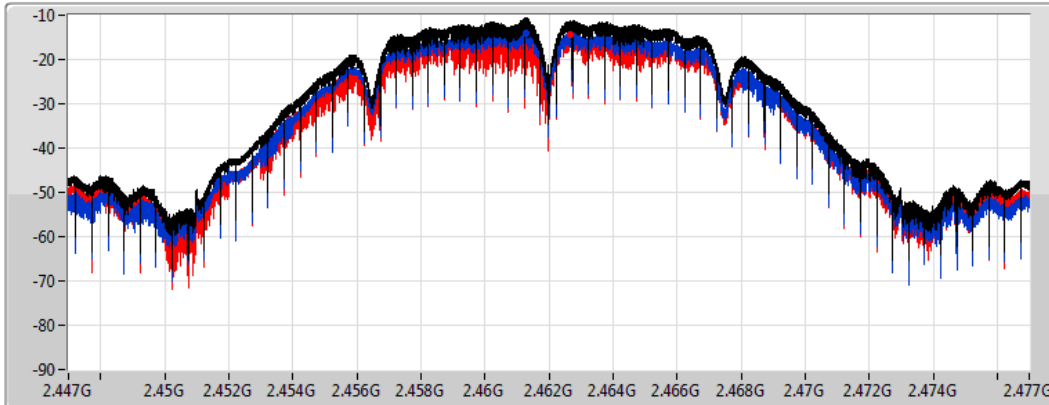
Span
30MHz


RBW
3kHz


VBW
10kHz


Sweep Time
334ms

Detector Type
Peak



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-11.21	-11.21	-13.93	-14.49

802.11g_Nss1,(6Mbps)_2TX

PSD

2412MHz

01/02/2021

CF
2.412GHz

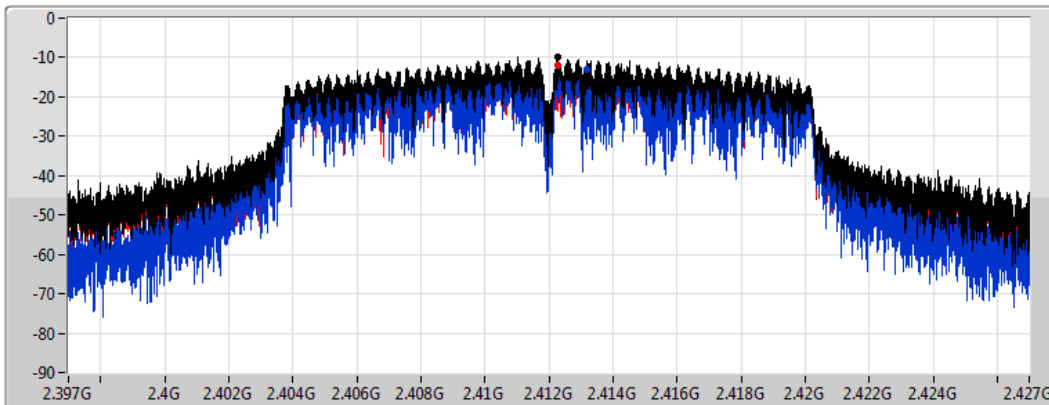
Span
30MHz


RBW
3kHz


VBW
10kHz


Sweep Time
334ms

Detector Type
Peak



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.72	-9.72	-12.95	-11.97

802.11g_Nss1,(6Mbps)_2TX

PSD

2437MHz

01/02/2021

CF
2.437GHz

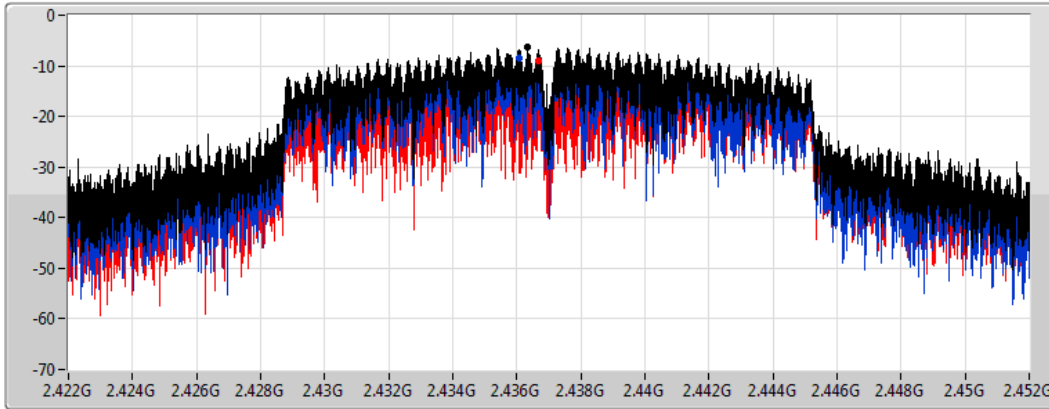
Span
30MHz


RBW
3kHz


VBW
10kHz


Sweep Time
334ms

Detector Type
Peak



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.37	-6.37	-8.46	-9.07

802.11g_Nss1,(6Mbps)_2TX

PSD

2462MHz

01/02/2021

CF
2.462GHz

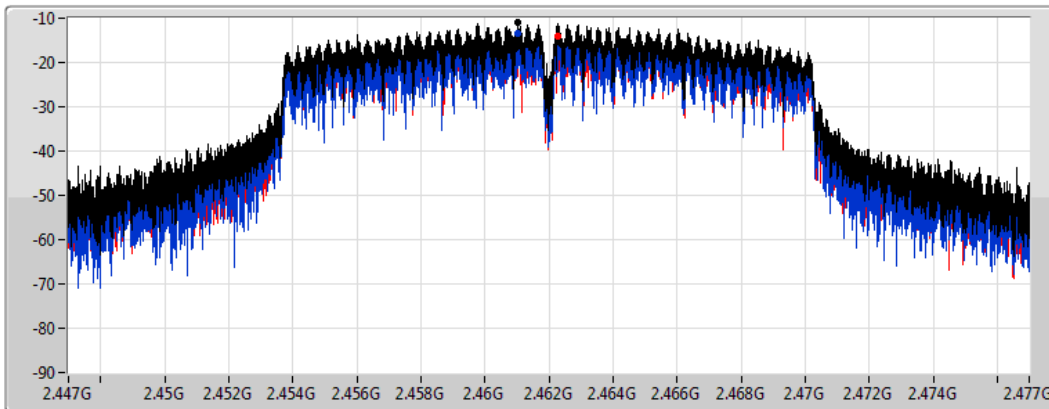
Span
30MHz


RBW
3kHz


VBW
10kHz


Sweep Time
334ms

Detector Type
Peak



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.91	-10.91	-13.40	-14.17

VHT20_Nss1,(MCS0)_2TX

PSD

2412MHz

01/02/2021

CF
2.412GHz

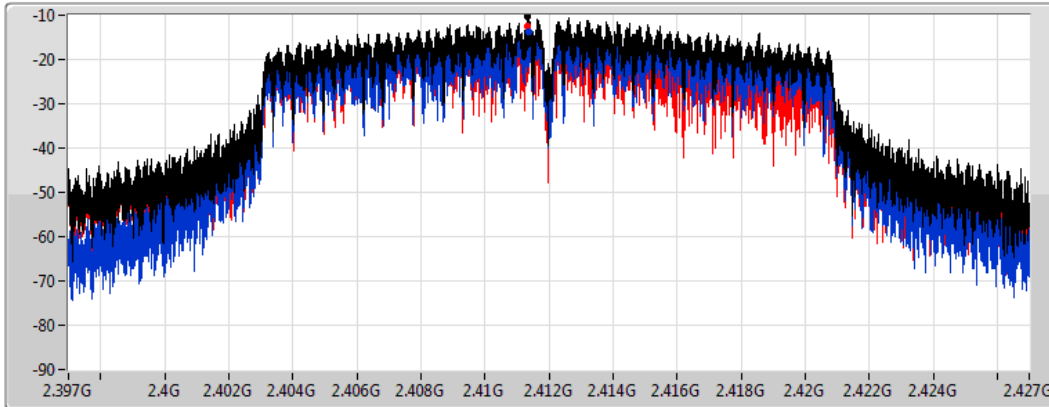
Span
30MHz


RBW
3kHz


VBW
10kHz


Sweep Time
334ms

Detector Type
Peak



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.21	-10.21	-13.76	-12.54

VHT20_Nss1,(MCS0)_2TX

PSD

2437MHz

01/02/2021

CF
2.437GHz

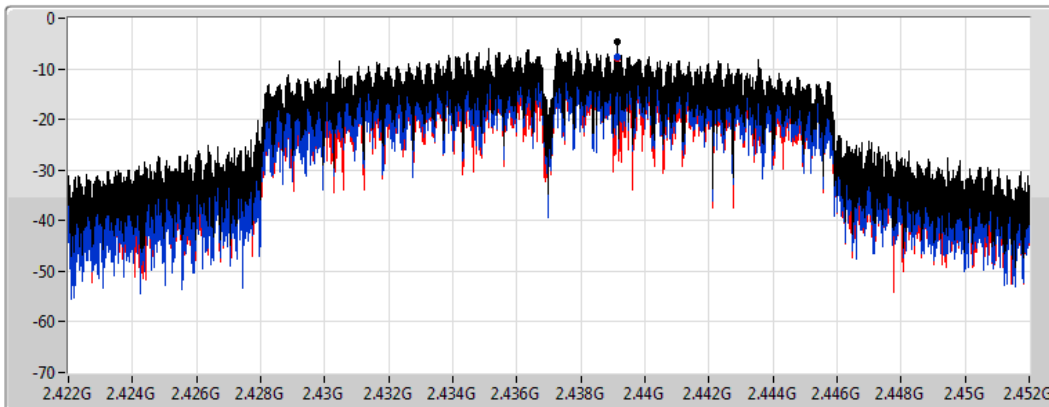
Span
30MHz


RBW
3kHz


VBW
10kHz


Sweep Time
334ms

Detector Type
Peak



Sum 

Port 1 

Port 2 

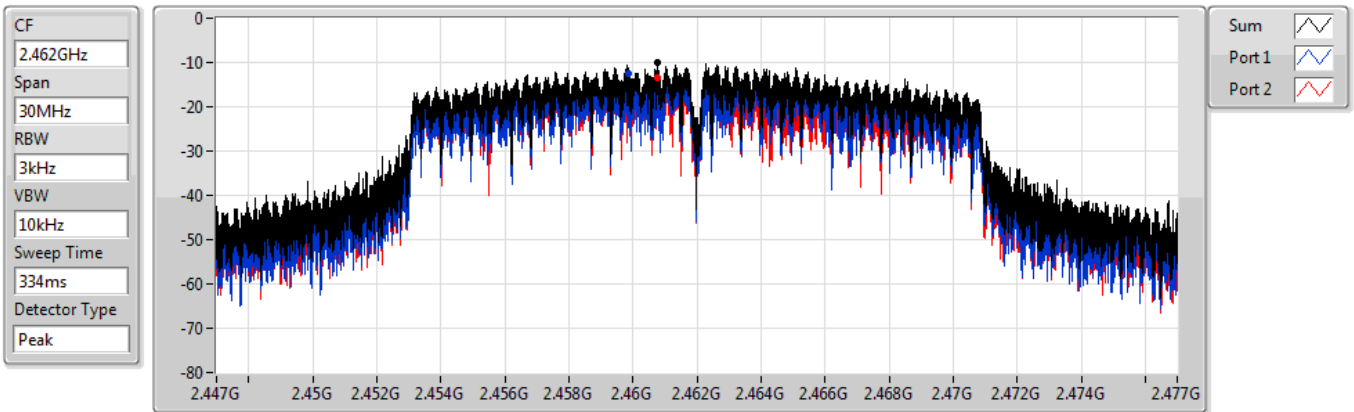
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.77	-4.77	-7.52	-8.06

VHT20_Nss1,(MCS0)_2TX

PSD

2462MHz

01/02/2021



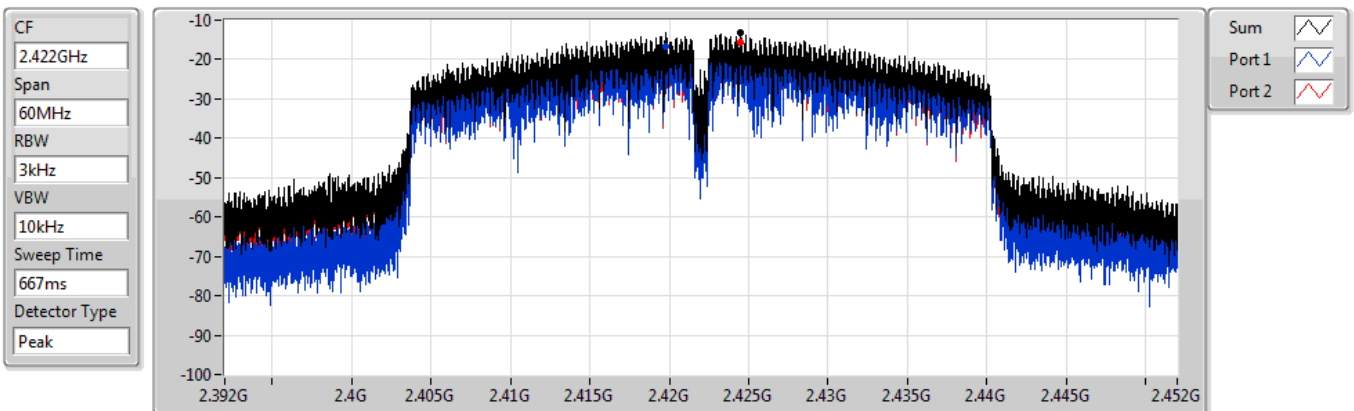
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.00	-10.00	-12.52	-13.55

VHT40_Nss1,(MCS0)_2TX

PSD

2422MHz

01/02/2021



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-13.23	-13.23	-16.67	-15.79

VHT40_Nss1,(MCS0)_2TX

PSD

2437MHz

01/02/2021

CF
2.437GHz

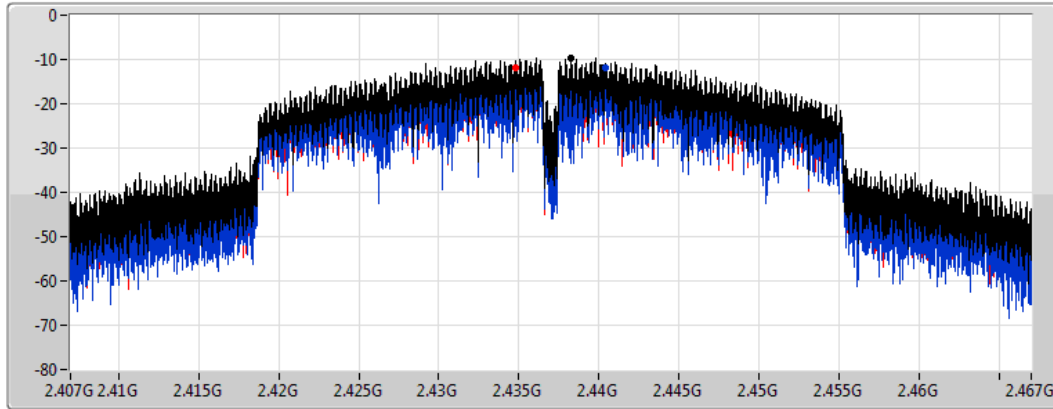
Span
60MHz


RBW
3kHz


VBW
10kHz


Sweep Time
667ms

Detector Type
Peak



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.64	-9.64	-11.98	-12.00

VHT40_Nss1,(MCS0)_2TX

PSD

2452MHz

01/02/2021

CF
2.452GHz

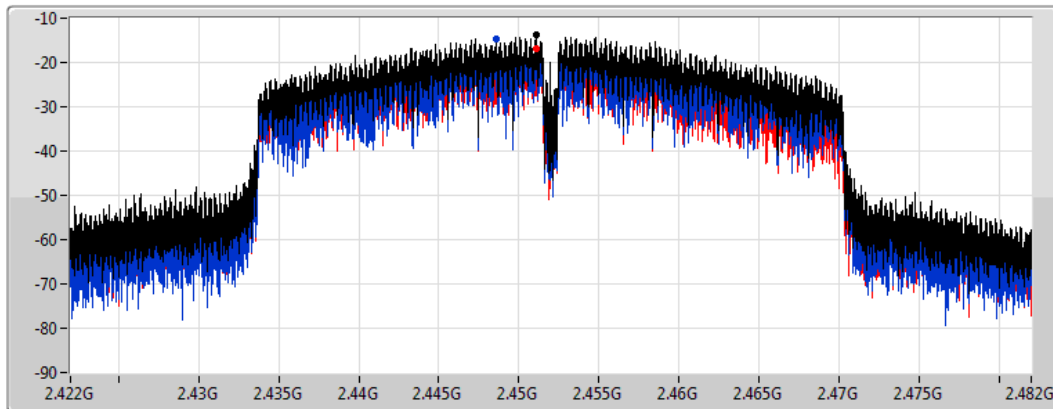
Span
60MHz


RBW
3kHz


VBW
10kHz


Sweep Time
667ms

Detector Type
Peak



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-13.89	-13.89	-14.71	-16.77



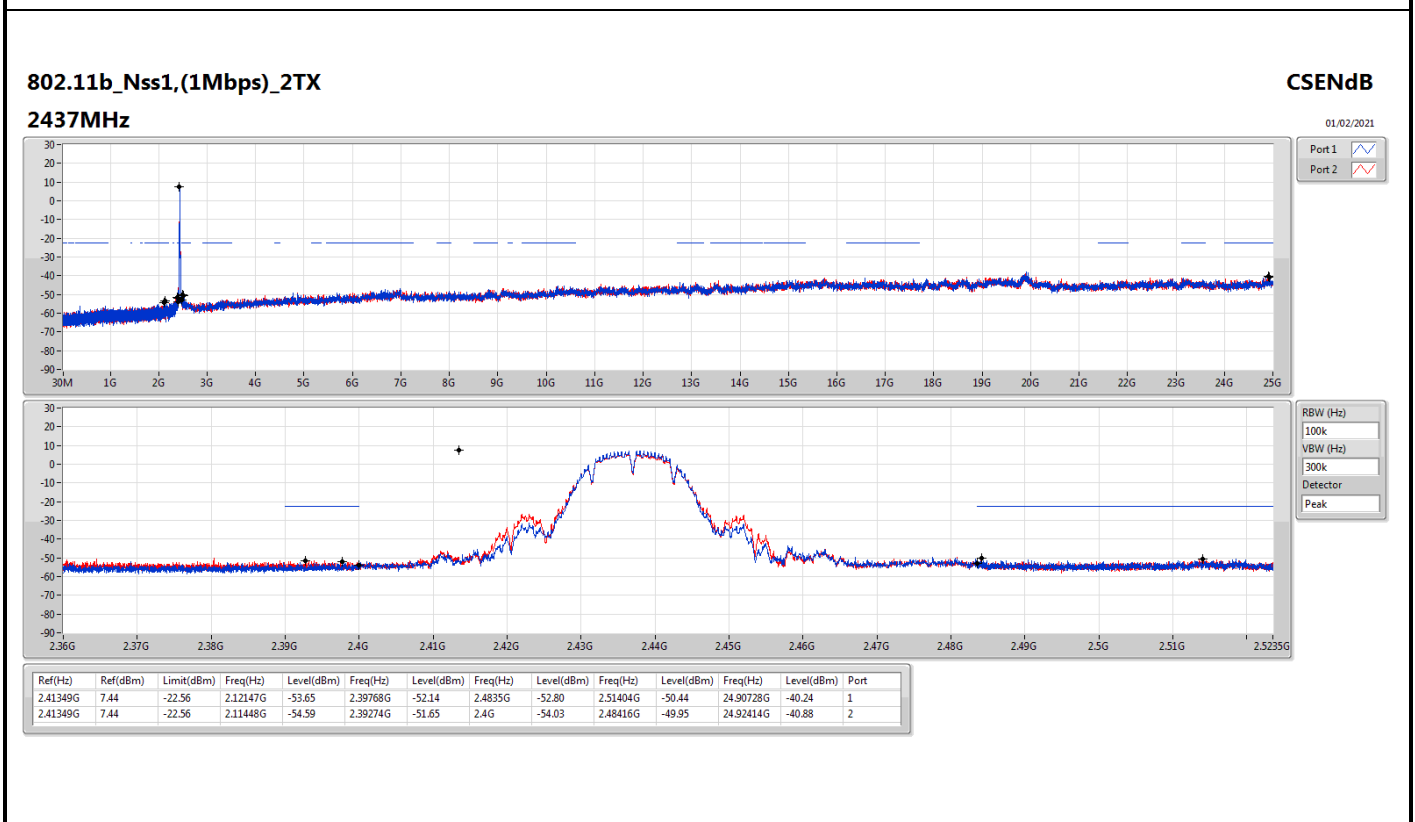
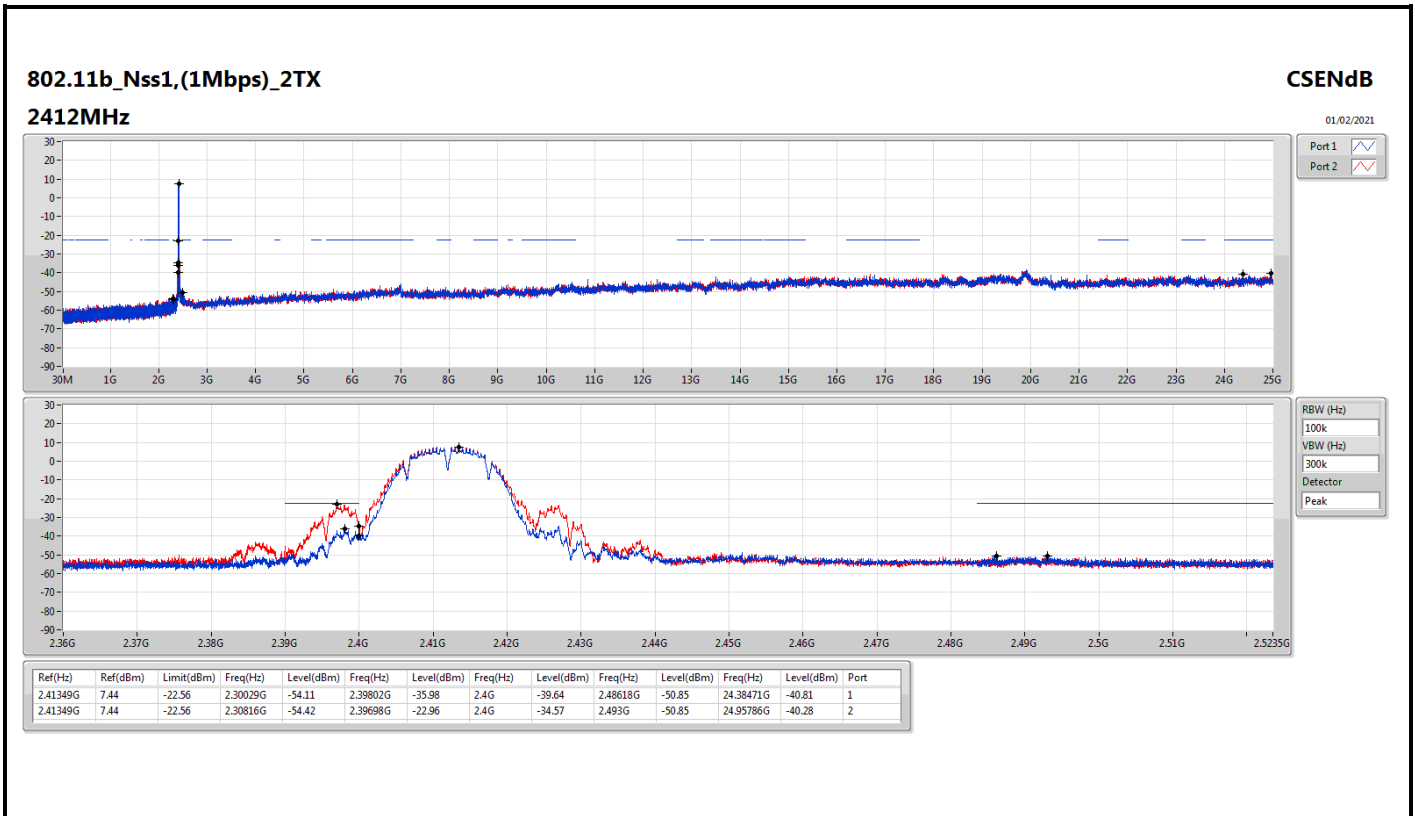
Summary

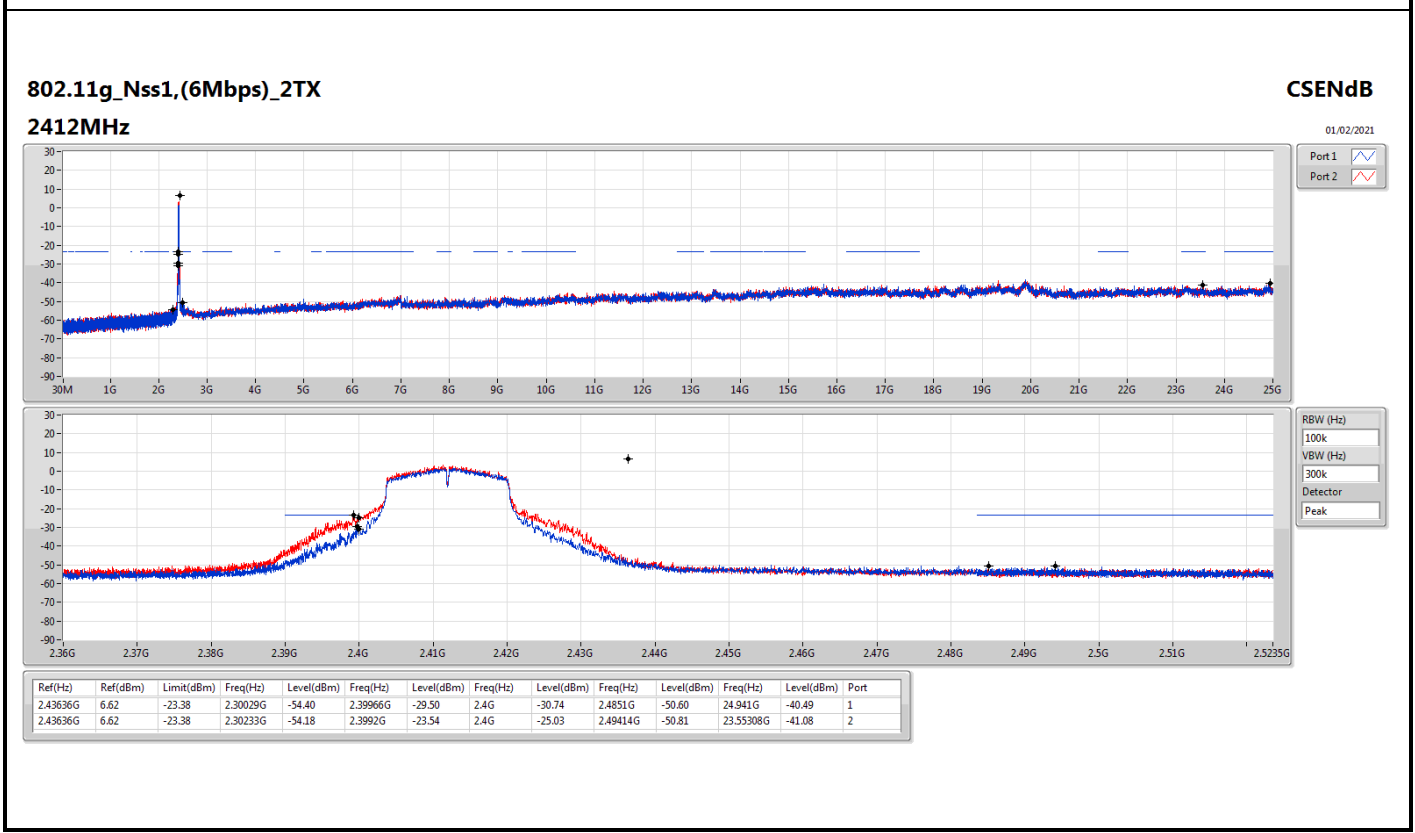
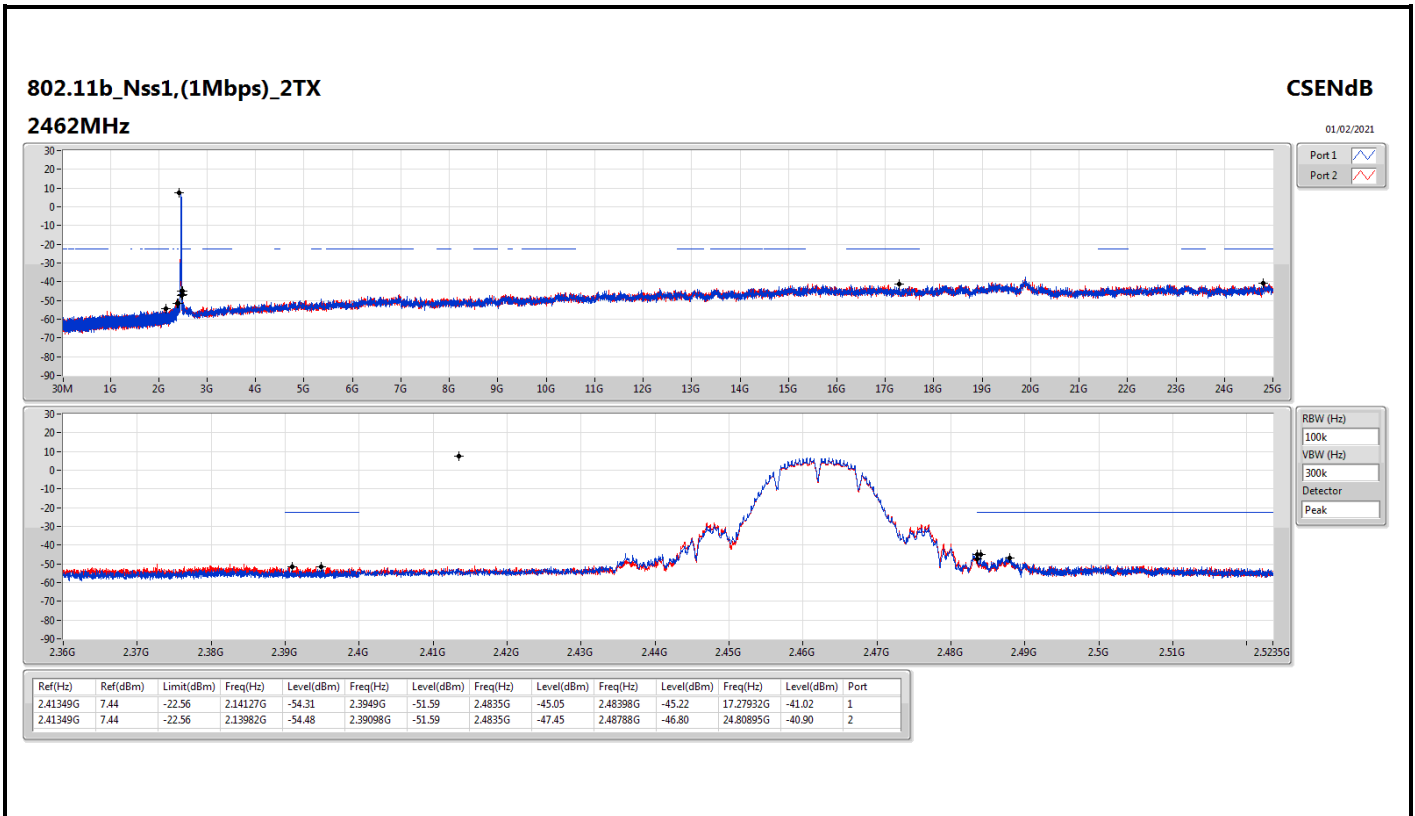
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	Pass	2.41349G	7.44	-22.56	2.30816G	-54.42	2.39698G	-22.96	2.4G	-34.57	2.493G	-50.85	24.95786G	-40.28	2
802.11g_Nss1,(6Mbps)_2TX	Pass	2.43636G	6.62	-23.38	2.30233G	-54.18	2.3992G	-23.54	2.4G	-25.03	2.49414G	-50.81	23.55308G	-41.08	2
VHT20_Nss1,(MCS0)_2TX	Pass	2.43762G	6.45	-23.55	2.30845G	-53.06	2.39988G	-24.44	2.4G	-27.87	2.4844G	-50.43	23.19626G	-41.32	2
VHT40_Nss1,(MCS0)_2TX	Pass	2.43549G	1.89	-28.11	2.30855G	-54.43	2.39924G	-31.66	2.4G	-34.78	2.48418G	-44.33	23.31446G	-41.23	2

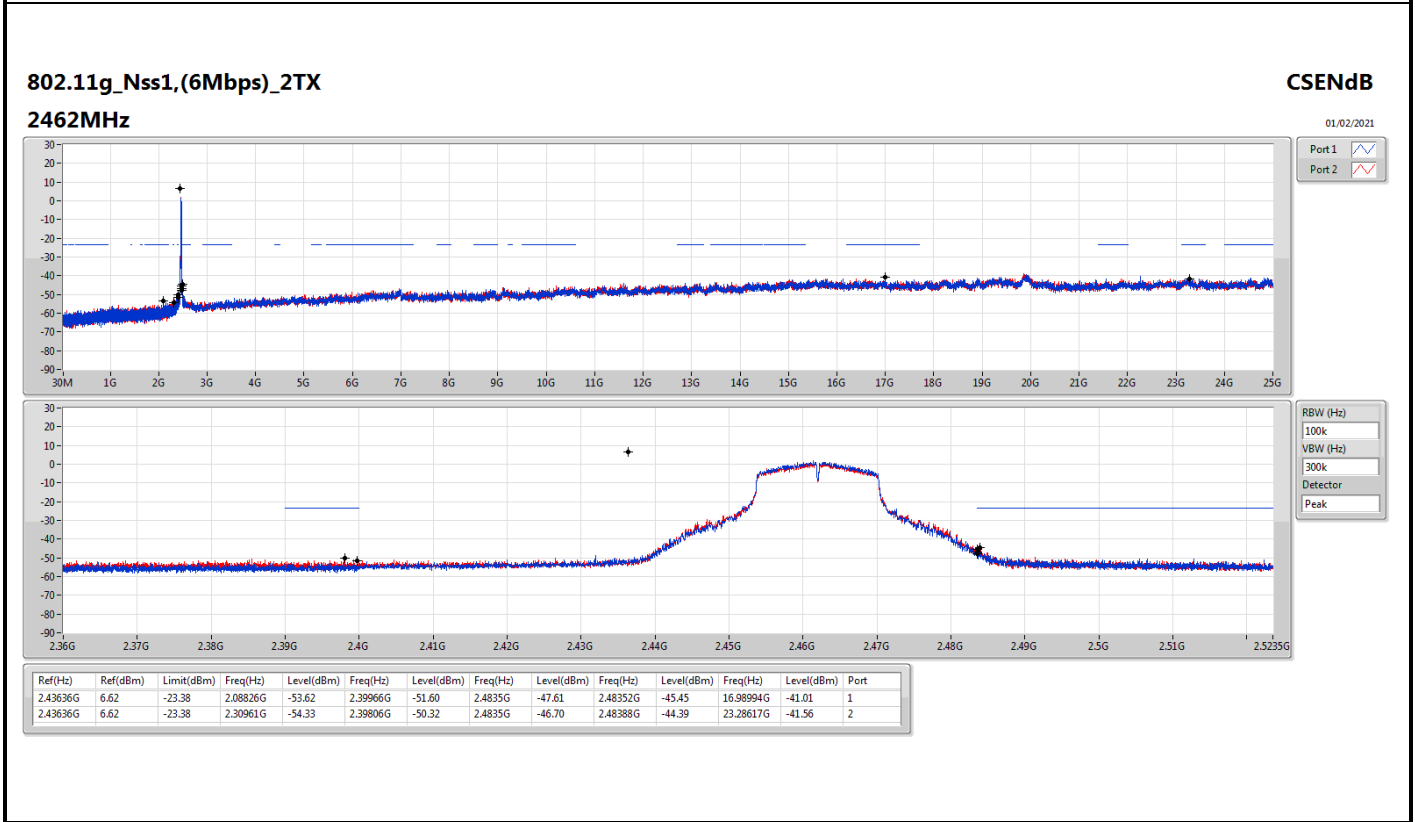
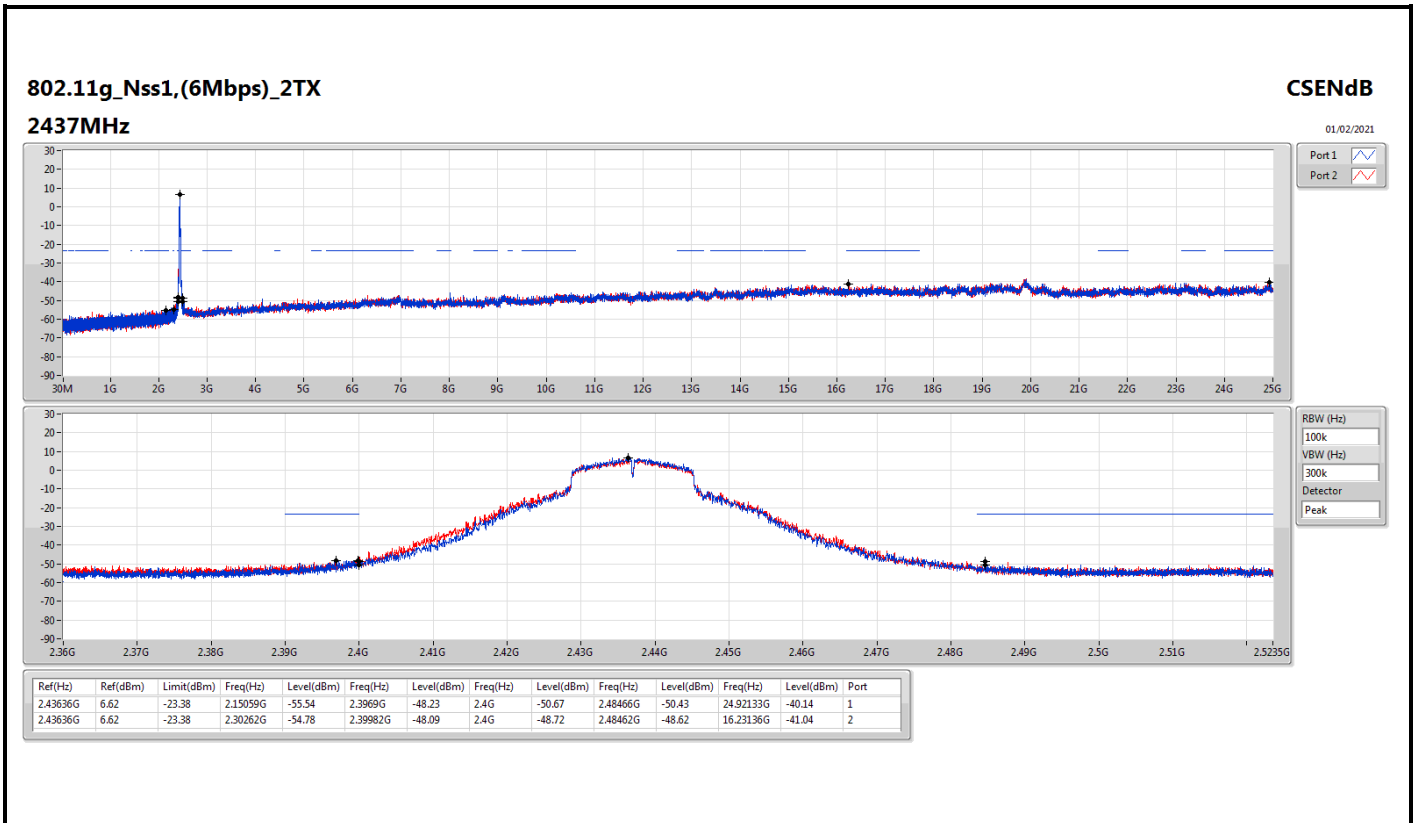


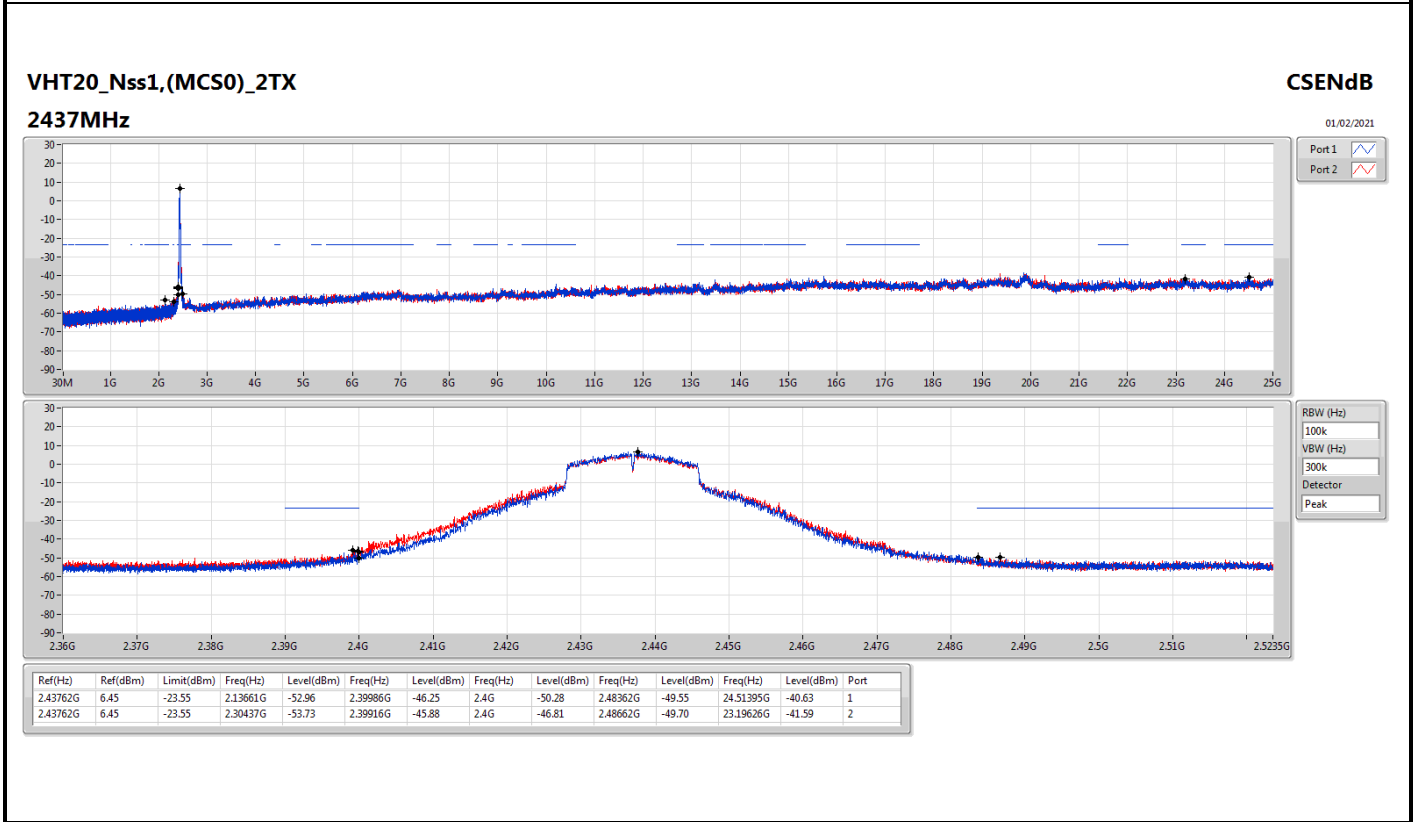
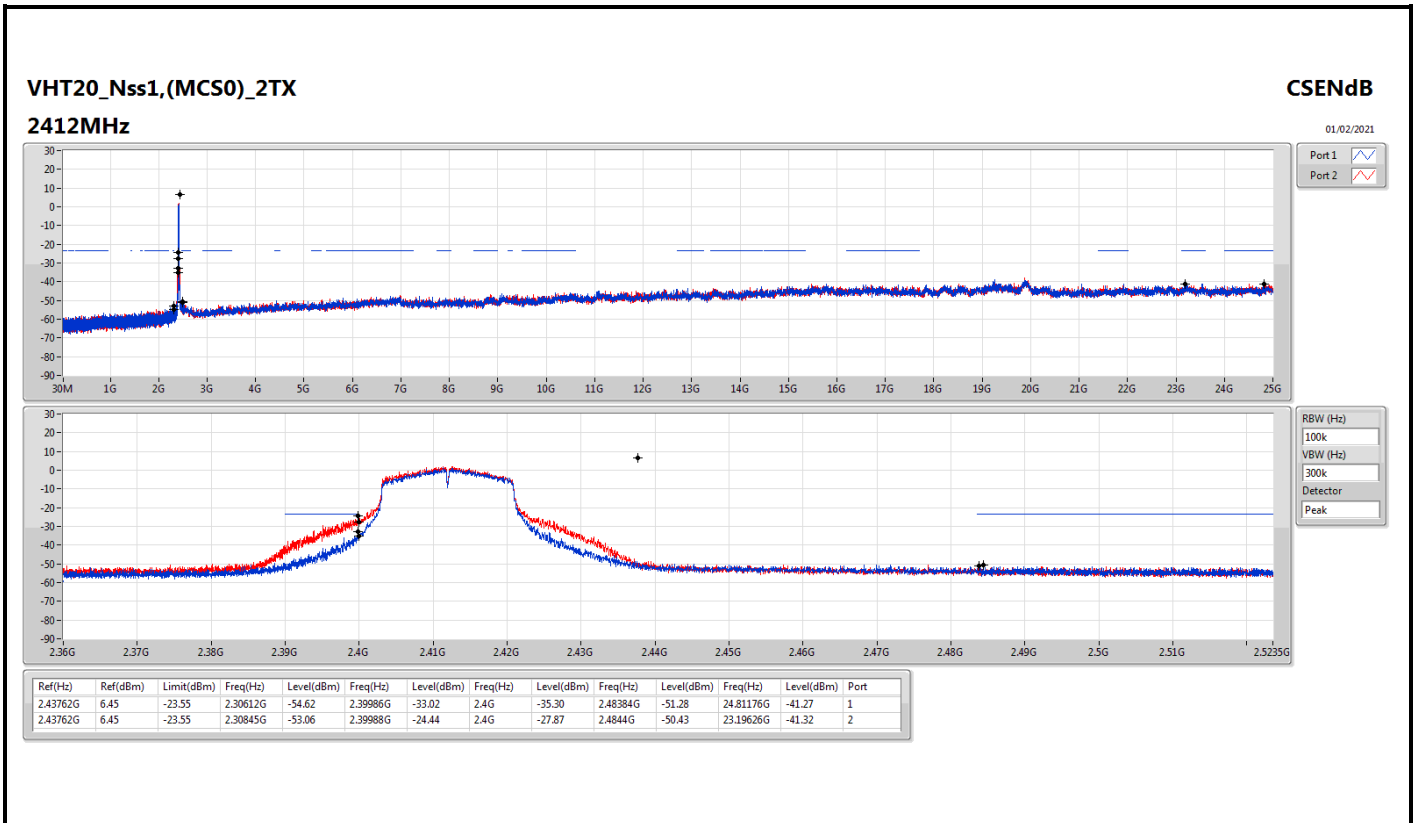
Result

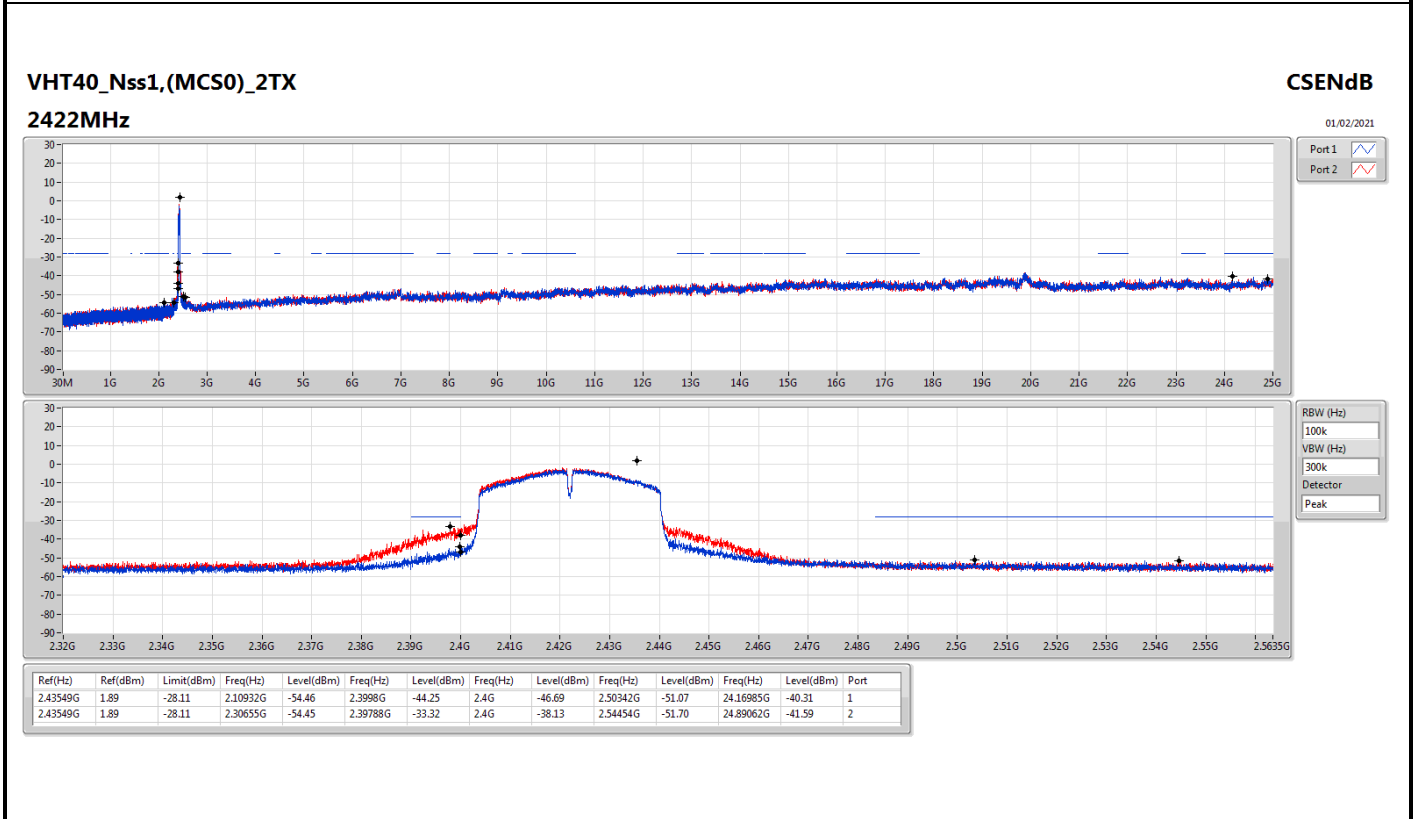
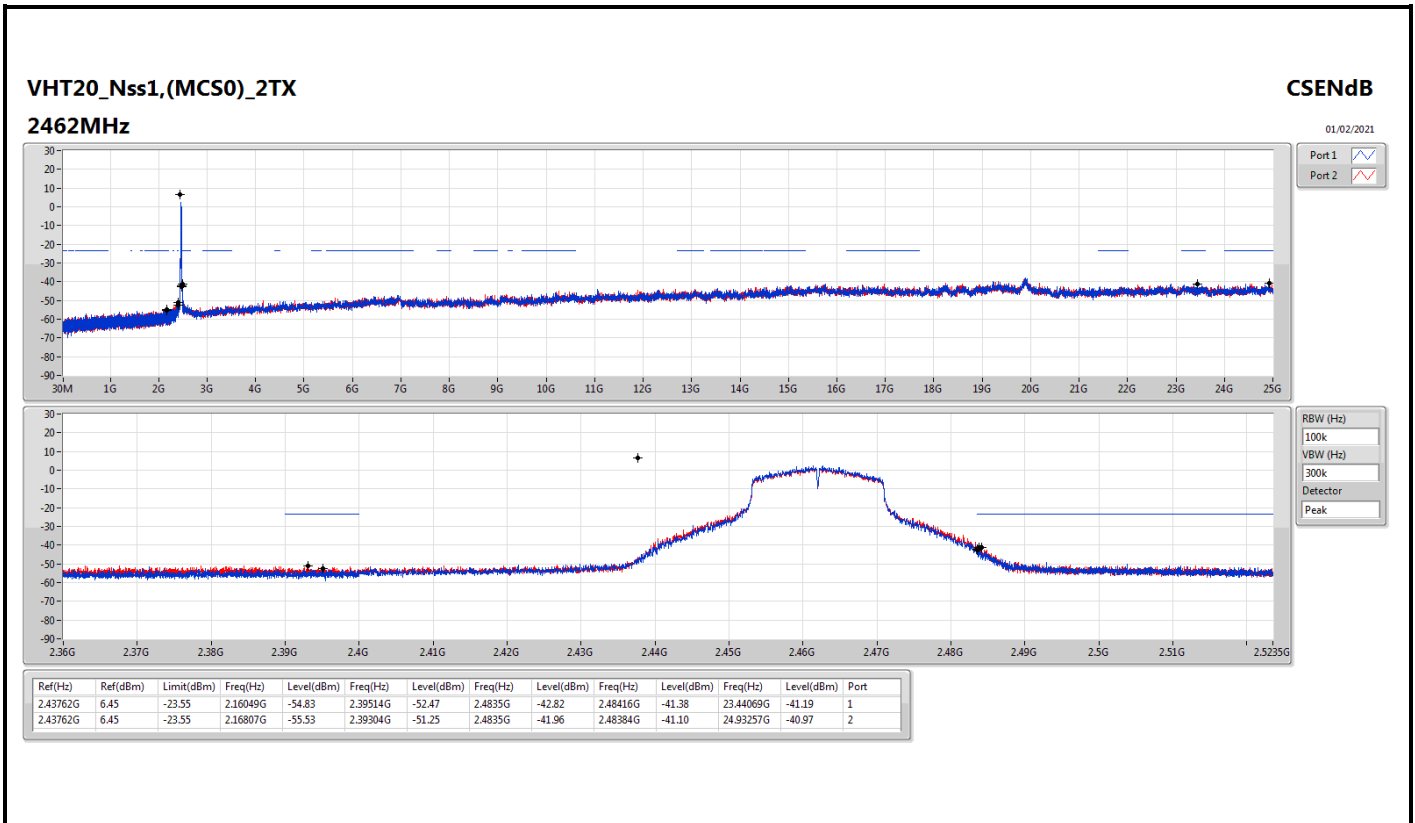
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.41349G	7.44	-22.56	2.30029G	-54.11	2.39802G	-35.98	2.4G	-39.64	2.48618G	-50.85	24.38471G	-40.81	1
2412MHz_TnomVnom	Pass	2.41349G	7.44	-22.56	2.30816G	-54.42	2.39698G	-22.96	2.4G	-34.57	2.493G	-50.85	24.95786G	-40.28	2
2437MHz_TnomVnom	Pass	2.41349G	7.44	-22.56	2.12147G	-53.65	2.39768G	-52.14	2.4835G	-52.80	2.51404G	-50.44	24.90728G	-40.24	1
2437MHz_TnomVnom	Pass	2.41349G	7.44	-22.56	2.11448G	-54.59	2.39274G	-51.65	2.4G	-54.03	2.48416G	-49.95	24.92414G	-40.88	2
2462MHz_TnomVnom	Pass	2.41349G	7.44	-22.56	2.14127G	-54.31	2.3949G	-51.59	2.4835G	-45.05	2.48398G	-45.22	17.27932G	-41.02	1
2462MHz_TnomVnom	Pass	2.41349G	7.44	-22.56	2.13982G	-54.48	2.39098G	-51.59	2.4835G	-47.45	2.48788G	-46.80	24.80895G	-40.90	2
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.43636G	6.62	-23.38	2.30029G	-54.40	2.39966G	-29.50	2.4G	-30.74	2.4851G	-50.60	24.941G	-40.49	1
2412MHz_TnomVnom	Pass	2.43636G	6.62	-23.38	2.30233G	-54.18	2.3992G	-23.54	2.4G	-25.03	2.49414G	-50.81	23.55308G	-41.08	2
2437MHz_TnomVnom	Pass	2.43636G	6.62	-23.38	2.15059G	-55.54	2.3969G	-48.23	2.4G	-50.67	2.48466G	-50.43	24.92133G	-40.14	1
2437MHz_TnomVnom	Pass	2.43636G	6.62	-23.38	2.30262G	-54.78	2.39982G	-48.09	2.4G	-48.72	2.48462G	-48.62	16.23136G	-41.04	2
2462MHz_TnomVnom	Pass	2.43636G	6.62	-23.38	2.08826G	-53.62	2.39966G	-51.60	2.4835G	-47.61	2.48352G	-45.45	16.98994G	-41.01	1
2462MHz_TnomVnom	Pass	2.43636G	6.62	-23.38	2.30961G	-54.33	2.39806G	-50.32	2.4835G	-46.70	2.48388G	-44.39	23.28617G	-41.56	2
VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.43762G	6.45	-23.55	2.30612G	-54.62	2.39986G	-33.02	2.4G	-35.30	2.48384G	-51.28	24.81176G	-41.27	1
2412MHz_TnomVnom	Pass	2.43762G	6.45	-23.55	2.30845G	-53.06	2.39988G	-24.44	2.4G	-27.87	2.4844G	-50.43	23.19626G	-41.32	2
2437MHz_TnomVnom	Pass	2.43762G	6.45	-23.55	2.13661G	-52.96	2.39986G	-46.25	2.4G	-50.28	2.48362G	-49.55	24.51395G	-40.63	1
2437MHz_TnomVnom	Pass	2.43762G	6.45	-23.55	2.30437G	-53.73	2.39916G	-45.88	2.4G	-46.81	2.48662G	-49.70	23.19626G	-41.59	2
2462MHz_TnomVnom	Pass	2.43762G	6.45	-23.55	2.16049G	-54.83	2.39514G	-52.47	2.4835G	-42.82	2.48416G	-41.38	23.44069G	-41.19	1
2462MHz_TnomVnom	Pass	2.43762G	6.45	-23.55	2.16807G	-55.53	2.39304G	-51.25	2.4835G	-41.96	2.48384G	-41.10	24.93257G	-40.97	2
VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	2.43549G	1.89	-28.11	2.10932G	-54.46	2.3998G	-44.25	2.4G	-46.69	2.50342G	-51.07	24.16985G	-40.31	1
2422MHz_TnomVnom	Pass	2.43549G	1.89	-28.11	2.30655G	-54.45	2.39788G	-33.32	2.4G	-38.13	2.54454G	-51.70	24.89062G	-41.59	2
2437MHz_TnomVnom	Pass	2.43549G	1.89	-28.11	2.30683G	-55.07	2.39848G	-37.18	2.4G	-38.26	2.48406G	-45.66	21.91218G	-40.98	1
2437MHz_TnomVnom	Pass	2.43549G	1.89	-28.11	2.30855G	-54.43	2.39924G	-31.66	2.4G	-34.78	2.48418G	-44.33	23.31446G	-41.23	2
2452MHz_TnomVnom	Pass	2.43549G	1.89	-28.11	2.08842G	-54.74	2.39168G	-52.36	2.4835G	-46.42	2.4835G	-42.64	24.88221G	-40.75	1
2452MHz_TnomVnom	Pass	2.43549G	1.89	-28.11	2.3097G	-54.57	2.3992G	-51.43	2.4835G	-43.75	2.48354G	-41.91	24.47555G	-40.63	2

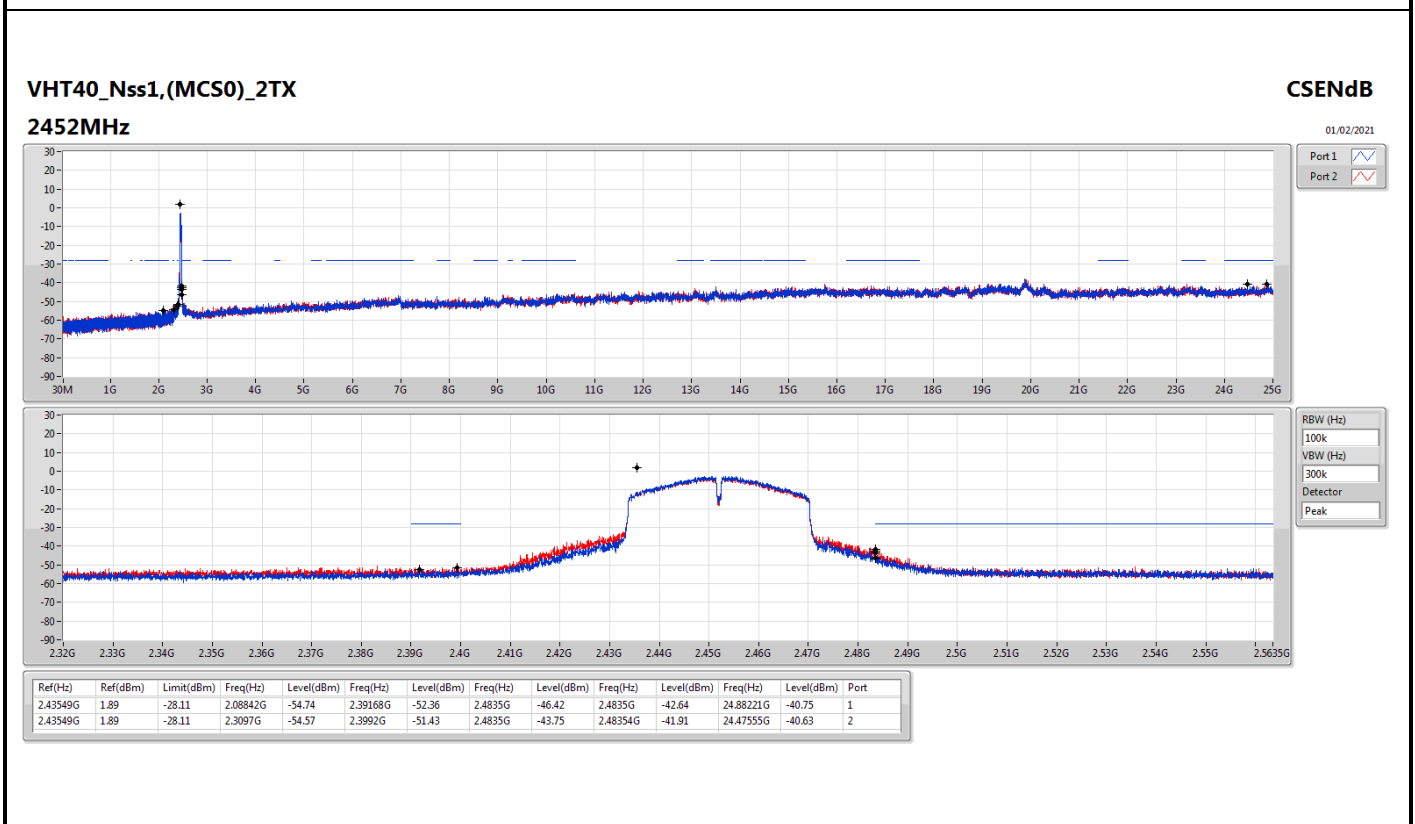
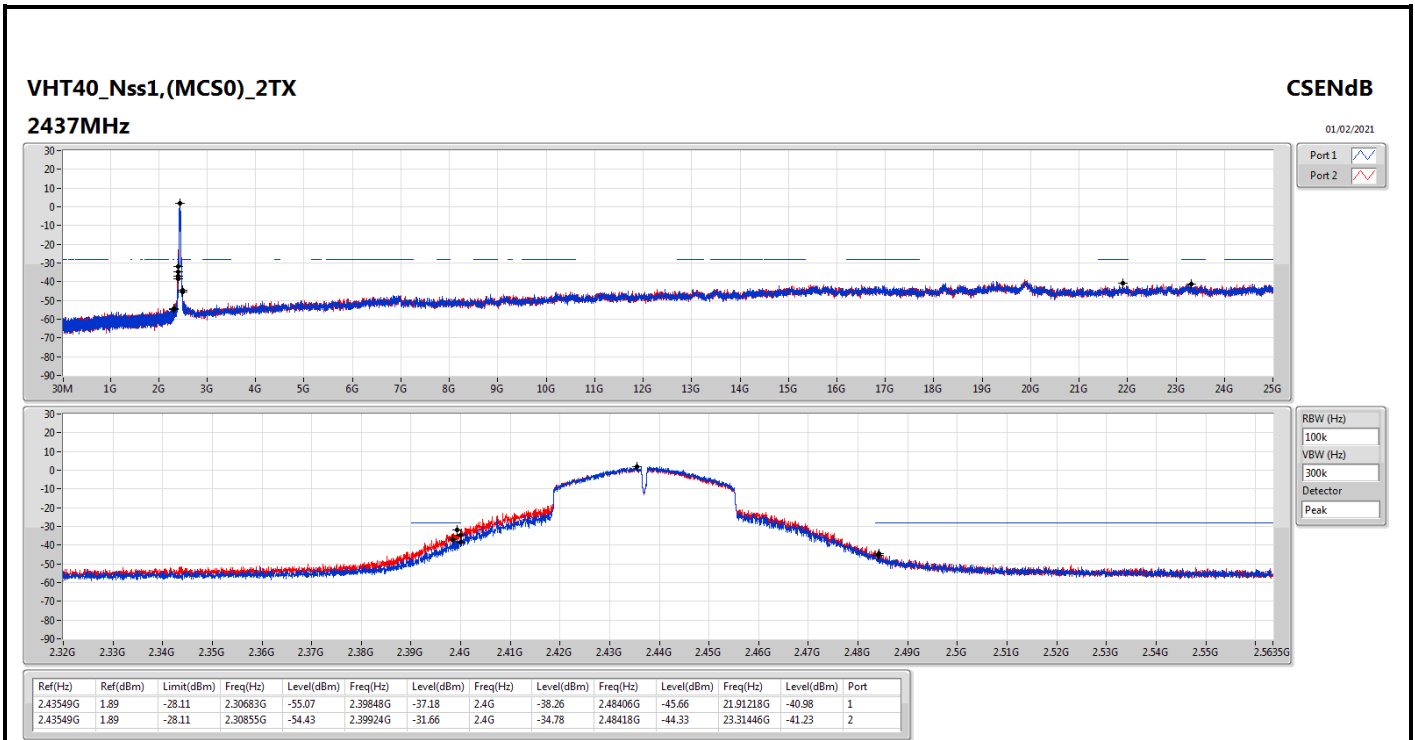














Summary

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	QP	47.46M	35.69	40.00	-4.31	3	Vertical	68	1.10	-

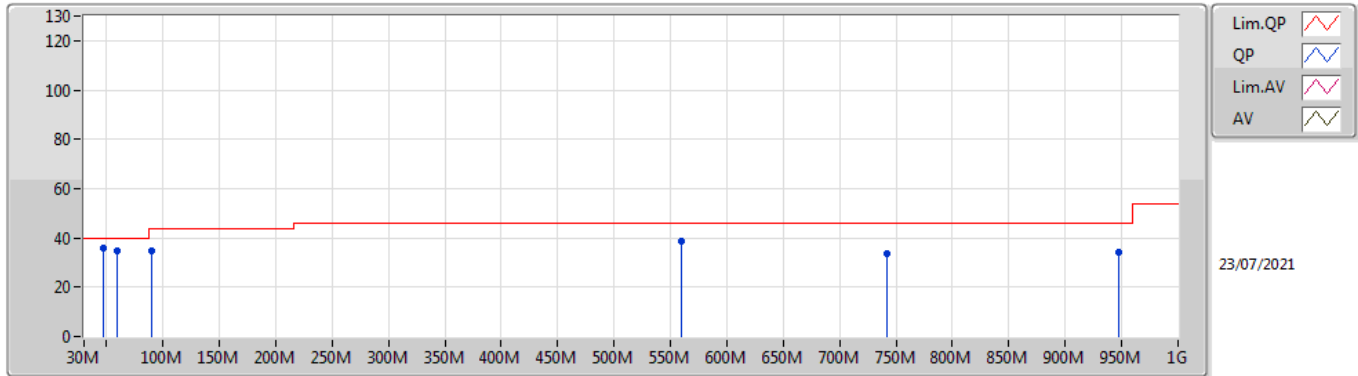


Result

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	90.14M	34.78	43.50	-8.72	3	Vertical	0	1.00	-
2437MHz	Pass	PK	559.62M	38.59	46.00	-7.41	3	Vertical	0	1.00	-
2437MHz	Pass	PK	741.98M	33.68	46.00	-12.32	3	Vertical	0	1.00	-
2437MHz	Pass	PK	947.62M	34.35	46.00	-11.65	3	Vertical	0	1.00	-
2437MHz	Pass	QP	47.46M	35.69	40.00	-4.31	3	Vertical	68	1.10	-
2437MHz	Pass	QP	59.1M	34.79	40.00	-5.21	3	Vertical	241	1.15	-
2437MHz	Pass	PK	90.14M	36.15	43.50	-7.35	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	105.66M	37.34	43.50	-6.16	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	249.22M	31.34	46.00	-14.66	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	565.44M	37.61	46.00	-8.39	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	802.12M	36.83	46.00	-9.17	3	Horizontal	360	1.00	-
2437MHz	Pass	QP	47.46M	34.09	40.00	-5.91	3	Horizontal	50	1.10	-

VHT40_Nss1,(MCS0)_2TX

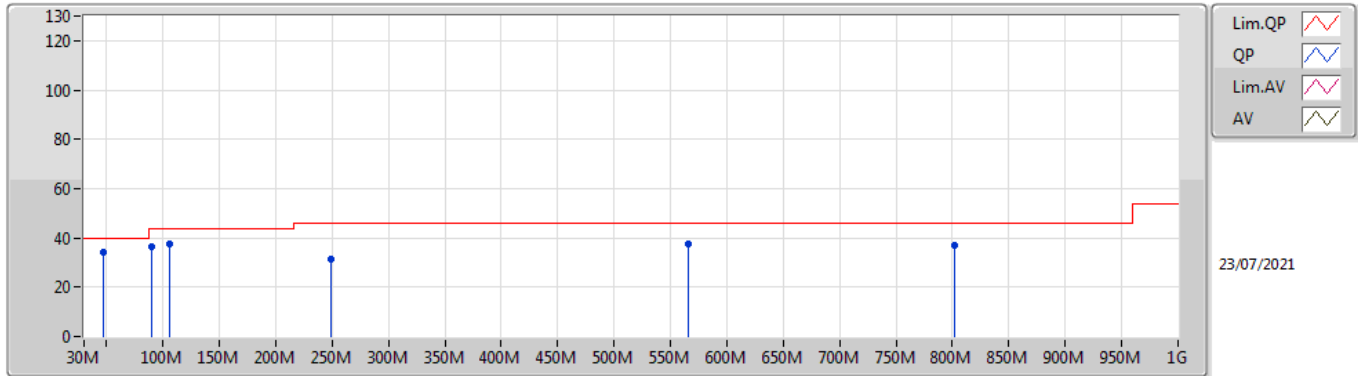
2437MHz_Adapter



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	90.14M	34.78	43.50	-8.72	-12.41	3	Vertical	0	1.00	-	47.19	14.08	1.35	27.84
PK	559.62M	38.59	46.00	-7.41	-0.96	3	Vertical	0	1.00	-	39.55	24.16	3.22	28.34
PK	741.98M	33.68	46.00	-12.32	0.43	3	Vertical	0	1.00	-	33.25	24.85	3.68	28.10
PK	947.62M	34.35	46.00	-11.65	2.86	3	Vertical	0	1.00	-	31.49	25.97	4.18	27.29
QP	47.46M	35.69	40.00	-4.31	-12.55	3	Vertical	68	1.10	-	48.24	14.05	1.04	27.64
QP	59.1M	34.79	40.00	-5.21	-14.96	3	Vertical	241	1.15	-	49.75	11.67	1.13	27.76

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	90.14M	36.15	43.50	-7.35	-12.41	3	Horizontal	360	1.00	-	48.56	14.08	1.35	27.84
PK	105.66M	37.34	43.50	-6.16	-9.60	3	Horizontal	360	1.00	-	46.94	16.73	1.45	27.78
PK	249.22M	31.34	46.00	-14.66	-7.42	3	Horizontal	360	1.00	-	38.76	17.45	2.15	27.02
PK	565.44M	37.61	46.00	-8.39	-1.06	3	Horizontal	360	1.00	-	38.67	24.04	3.25	28.35
PK	802.12M	36.83	46.00	-9.17	1.03	3	Horizontal	360	1.00	-	35.80	25.02	3.88	27.87
QP	47.46M	34.09	40.00	-5.91	-12.55	3	Horizontal	50	1.10	-	46.64	14.05	1.04	27.64



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	2.386G	53.88	54.00	-0.12	3	Vertical	216	2.15	-
802.11g_Nss1,(6Mbps)_2TX	Pass	AV	2.4835G	53.90	54.00	-0.10	3	Vertical	354	2.86	-
VHT20_Nss1,(MCS0)_2TX	Pass	AV	2.4835G	53.95	54.00	-0.05	3	Vertical	228	2.84	-
VHT40_Nss1,(MCS0)_2TX	Pass	AV	2.4835G	53.81	54.00	-0.19	3	Vertical	230	2.59	-



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	2.386G	53.88	54.00	-0.12	3	Vertical	216	2.15	-
2412MHz	Pass	AV	2.4138G	108.28	Inf	-Inf	3	Vertical	216	2.15	-
2412MHz	Pass	PK	2.3862G	61.78	74.00	-12.22	3	Vertical	216	2.15	-
2412MHz	Pass	PK	2.4148G	110.59	Inf	-Inf	3	Vertical	216	2.15	-
2412MHz	Pass	AV	2.386G	50.49	54.00	-3.51	3	Horizontal	307	1.53	-
2412MHz	Pass	AV	2.4138G	106.96	Inf	-Inf	3	Horizontal	307	1.53	-
2412MHz	Pass	PK	2.3794G	60.90	74.00	-13.10	3	Horizontal	307	1.53	-
2412MHz	Pass	PK	2.4136G	109.35	Inf	-Inf	3	Horizontal	307	1.53	-
2412MHz	Pass	AV	4.82392G	52.90	54.00	-1.10	3	Vertical	190	1.52	-
2412MHz	Pass	PK	4.82392G	55.40	74.00	-18.60	3	Vertical	190	1.52	-
2412MHz	Pass	AV	4.82392G	50.48	54.00	-3.52	3	Horizontal	332	1.06	-
2412MHz	Pass	PK	4.82388G	54.10	74.00	-19.90	3	Horizontal	332	1.06	-
2437MHz	Pass	AV	2.3894G	47.49	54.00	-6.51	3	Vertical	196	2.97	-
2437MHz	Pass	AV	2.4342G	105.95	Inf	-Inf	3	Vertical	196	2.97	-
2437MHz	Pass	AV	2.4838G	48.35	54.00	-5.65	3	Vertical	196	2.97	-
2437MHz	Pass	PK	2.355G	59.48	74.00	-14.52	3	Vertical	196	2.97	-
2437MHz	Pass	PK	2.4342G	108.76	Inf	-Inf	3	Vertical	196	2.97	-
2437MHz	Pass	PK	2.4918G	59.04	74.00	-14.96	3	Vertical	196	2.97	-
2437MHz	Pass	AV	2.3478G	47.48	54.00	-6.52	3	Horizontal	304	1.00	-
2437MHz	Pass	AV	2.4386G	104.67	Inf	-Inf	3	Horizontal	304	1.00	-
2437MHz	Pass	AV	2.487G	48.09	54.00	-5.91	3	Horizontal	304	1.00	-
2437MHz	Pass	PK	2.3722G	59.61	74.00	-14.39	3	Horizontal	304	1.00	-
2437MHz	Pass	PK	2.4382G	107.12	Inf	-Inf	3	Horizontal	304	1.00	-
2437MHz	Pass	PK	2.489G	59.72	74.00	-14.28	3	Horizontal	304	1.00	-
2437MHz	Pass	AV	4.87392G	52.81	54.00	-1.19	3	Vertical	332	1.87	-
2437MHz	Pass	AV	7.31168G	53.57	54.00	-0.43	3	Vertical	84	2.04	-
2437MHz	Pass	PK	4.87392G	55.37	74.00	-18.63	3	Vertical	332	1.87	-
2437MHz	Pass	PK	7.31096G	60.14	74.00	-13.86	3	Vertical	84	2.04	-
2437MHz	Pass	AV	4.87396G	50.33	54.00	-3.67	3	Horizontal	330	1.26	-
2437MHz	Pass	AV	7.31012G	48.00	54.00	-6.00	3	Horizontal	186	1.00	-
2437MHz	Pass	PK	4.874G	53.78	74.00	-20.22	3	Horizontal	330	1.26	-
2437MHz	Pass	PK	7.30884G	55.65	74.00	-18.35	3	Horizontal	186	1.00	-
2462MHz	Pass	AV	2.4602G	107.11	Inf	-Inf	3	Vertical	353	2.76	-
2462MHz	Pass	AV	2.4835G	52.40	54.00	-1.60	3	Vertical	353	2.76	-
2462MHz	Pass	PK	2.4606G	109.46	Inf	-Inf	3	Vertical	353	2.76	-
2462MHz	Pass	PK	2.4884G	60.95	74.00	-13.05	3	Vertical	353	2.76	-
2462MHz	Pass	AV	2.4628G	105.54	Inf	-Inf	3	Horizontal	302	1.25	-
2462MHz	Pass	AV	2.4835G	53.66	54.00	-0.34	3	Horizontal	302	1.25	-
2462MHz	Pass	PK	2.463G	107.99	Inf	-Inf	3	Horizontal	302	1.25	-
2462MHz	Pass	PK	2.4836G	62.34	74.00	-11.66	3	Horizontal	302	1.25	-
2462MHz	Pass	AV	4.92396G	52.45	54.00	-1.55	3	Vertical	331	1.61	-
2462MHz	Pass	AV	7.38308G	49.45	54.00	-4.55	3	Vertical	90	1.00	-
2462MHz	Pass	PK	4.924G	55.31	74.00	-18.69	3	Vertical	331	1.61	-
2462MHz	Pass	PK	7.39032G	56.41	74.00	-17.59	3	Vertical	90	1.00	-
2462MHz	Pass	AV	4.92392G	51.35	54.00	-2.65	3	Horizontal	330	1.31	-
2462MHz	Pass	AV	7.38864G	44.73	54.00	-9.27	3	Horizontal	20	1.98	-
2462MHz	Pass	PK	4.92392G	54.55	74.00	-19.45	3	Horizontal	330	1.31	-
2462MHz	Pass	PK	7.38844G	54.12	74.00	-19.88	3	Horizontal	20	1.98	-
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	53.65	54.00	-0.35	3	Vertical	211	2.46	-
2412MHz	Pass	AV	2.4104G	104.10	Inf	-Inf	3	Vertical	211	2.46	-
2412MHz	Pass	PK	2.39G	66.85	74.00	-7.15	3	Vertical	211	2.46	-
2412MHz	Pass	PK	2.4102G	112.01	Inf	-Inf	3	Vertical	211	2.46	-
2412MHz	Pass	AV	2.39G	49.71	54.00	-4.29	3	Horizontal	305	1.54	-
2412MHz	Pass	AV	2.4112G	102.19	Inf	-Inf	3	Horizontal	305	1.54	-
2412MHz	Pass	PK	2.3874G	63.04	74.00	-10.96	3	Horizontal	305	1.54	-
2412MHz	Pass	PK	2.4112G	109.65	Inf	-Inf	3	Horizontal	305	1.54	-
2412MHz	Pass	AV	4.82392G	40.26	54.00	-13.74	3	Vertical	188	1.70	-
2412MHz	Pass	PK	4.82708G	50.91	74.00	-23.09	3	Vertical	188	1.70	-
2412MHz	Pass	AV	4.82388G	38.82	54.00	-15.18	3	Horizontal	330	2.12	-



Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2412MHz	Pass	PK	4.82404G	49.85	74.00	-24.15	3	Horizontal	330	2.12	-
2417MHz	Pass	AV	2.3892G	53.45	54.00	-0.55	3	Vertical	0	2.10	-
2417MHz	Pass	AV	2.4178G	106.74	Inf	-Inf	3	Vertical	0	2.10	-
2417MHz	Pass	PK	2.389G	67.39	74.00	-6.61	3	Vertical	0	2.10	-
2417MHz	Pass	PK	2.4178G	114.42	Inf	-Inf	3	Vertical	0	2.10	-
2417MHz	Pass	AV	2.3876G	51.90	54.00	-2.10	3	Horizontal	305	1.00	-
2417MHz	Pass	AV	2.4164G	105.57	Inf	-Inf	3	Horizontal	305	1.00	-
2417MHz	Pass	PK	2.388G	65.48	74.00	-8.52	3	Horizontal	305	1.00	-
2417MHz	Pass	PK	2.4164G	113.11	Inf	-Inf	3	Horizontal	305	1.00	-
2417MHz	Pass	AV	4.83236G	44.90	54.00	-9.10	3	Vertical	90	2.15	-
2417MHz	Pass	PK	4.83692G	57.29	74.00	-16.71	3	Vertical	90	2.15	-
2417MHz	Pass	PK	7.25028G	63.02	74.00	-10.98	3	Vertical	93	1.99	-
2417MHz	Pass	AV	4.83608G	43.79	54.00	-10.21	3	Horizontal	302	2.05	-
2417MHz	Pass	AV	7.25016G	46.52	54.00	-7.48	3	Horizontal	200	1.42	-
2417MHz	Pass	PK	4.83108G	56.01	74.00	-17.99	3	Horizontal	302	2.05	-
2417MHz	Pass	PK	7.2506G	59.57	74.00	-14.43	3	Horizontal	200	1.42	-
2437MHz	Pass	AV	2.3898G	48.29	54.00	-5.71	3	Vertical	212	2.64	-
2437MHz	Pass	AV	2.4354G	107.00	Inf	-Inf	3	Vertical	212	2.64	-
2437MHz	Pass	AV	2.4854G	48.63	54.00	-5.37	3	Vertical	212	2.64	-
2437MHz	Pass	PK	2.3874G	59.26	74.00	-14.74	3	Vertical	212	2.64	-
2437MHz	Pass	PK	2.4354G	115.30	Inf	-Inf	3	Vertical	212	2.64	-
2437MHz	Pass	PK	2.4854G	60.09	74.00	-13.91	3	Vertical	212	2.64	-
2437MHz	Pass	AV	2.3862G	48.00	54.00	-6.00	3	Horizontal	303	1.12	-
2437MHz	Pass	AV	2.4362G	105.40	Inf	-Inf	3	Horizontal	303	1.12	-
2437MHz	Pass	AV	2.4866G	48.36	54.00	-5.64	3	Horizontal	303	1.12	-
2437MHz	Pass	PK	2.3898G	59.91	74.00	-14.09	3	Horizontal	303	1.12	-
2437MHz	Pass	PK	2.4366G	112.97	Inf	-Inf	3	Horizontal	303	1.12	-
2437MHz	Pass	PK	2.485G	59.35	74.00	-14.65	3	Horizontal	303	1.12	-
2437MHz	Pass	AV	4.87248G	47.03	54.00	-6.97	3	Vertical	87	1.05	-
2437MHz	Pass	AV	7.31168G	53.62	54.00	-0.38	3	Vertical	100	1.05	-
2437MHz	Pass	PK	4.87704G	59.78	74.00	-14.22	3	Vertical	87	1.05	-
2437MHz	Pass	PK	7.30584G	65.55	74.00	-8.45	3	Vertical	100	1.05	-
2437MHz	Pass	AV	4.8738G	43.40	54.00	-10.60	3	Horizontal	328	2.19	-
2437MHz	Pass	AV	7.31316G	48.17	54.00	-5.83	3	Horizontal	19	1.00	-
2437MHz	Pass	PK	4.86848G	54.64	74.00	-19.36	3	Horizontal	328	2.19	-
2437MHz	Pass	PK	7.31316G	61.03	74.00	-12.97	3	Horizontal	19	1.00	-
2457MHz	Pass	AV	2.4578G	106.06	Inf	-Inf	3	Vertical	354	2.86	-
2457MHz	Pass	AV	2.4835G	53.90	54.00	-0.10	3	Vertical	354	2.86	-
2457MHz	Pass	PK	2.4578G	113.76	Inf	-Inf	3	Vertical	354	2.86	-
2457MHz	Pass	PK	2.4838G	66.05	74.00	-7.95	3	Vertical	354	2.86	-
2457MHz	Pass	AV	2.4564G	104.26	Inf	-Inf	3	Horizontal	305	1.20	-
2457MHz	Pass	AV	2.486G	51.46	54.00	-2.54	3	Horizontal	305	1.20	-
2457MHz	Pass	PK	2.4564G	111.81	Inf	-Inf	3	Horizontal	305	1.20	-
2457MHz	Pass	PK	2.4866G	63.23	74.00	-10.77	3	Horizontal	305	1.20	-
2457MHz	Pass	AV	4.91256G	45.19	54.00	-8.81	3	Vertical	85	2.24	-
2457MHz	Pass	AV	7.37112G	48.94	54.00	-5.06	3	Vertical	86	2.04	-
2457MHz	Pass	PK	4.91704G	57.58	74.00	-16.42	3	Vertical	85	2.24	-
2457MHz	Pass	PK	7.37064G	61.95	74.00	-12.05	3	Vertical	86	2.04	-
2457MHz	Pass	AV	4.91572G	42.77	54.00	-11.23	3	Horizontal	301	2.05	-
2457MHz	Pass	AV	7.3678G	44.95	54.00	-9.05	3	Horizontal	197	1.94	-
2457MHz	Pass	PK	4.91524G	55.53	74.00	-18.47	3	Horizontal	301	2.05	-
2457MHz	Pass	PK	7.3732G	57.45	74.00	-16.55	3	Horizontal	197	1.94	-
2462MHz	Pass	AV	2.4628G	102.93	Inf	-Inf	3	Vertical	349	2.70	-
2462MHz	Pass	AV	2.4835G	53.81	54.00	-0.19	3	Vertical	349	2.70	-
2462MHz	Pass	PK	2.463G	110.77	Inf	-Inf	3	Vertical	349	2.70	-
2462MHz	Pass	PK	2.4835G	69.55	74.00	-4.45	3	Vertical	349	2.70	-
2462MHz	Pass	AV	2.4626G	101.05	Inf	-Inf	3	Horizontal	90	2.18	-
2462MHz	Pass	AV	2.4835G	51.31	54.00	-2.69	3	Horizontal	90	2.18	-
2462MHz	Pass	PK	2.4626G	108.75	Inf	-Inf	3	Horizontal	90	2.18	-
2462MHz	Pass	PK	2.4836G	66.13	74.00	-7.87	3	Horizontal	90	2.18	-
2462MHz	Pass	AV	4.92392G	40.80	54.00	-13.20	3	Vertical	332	1.95	-
2462MHz	Pass	AV	7.38352G	44.92	54.00	-9.08	3	Vertical	94	1.08	-



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	PK	4.92388G	52.67	74.00	-21.33	3	Vertical	332	1.95	-
2462MHz	Pass	PK	7.38416G	58.28	74.00	-15.72	3	Vertical	94	1.08	-
2462MHz	Pass	AV	4.92392G	39.88	54.00	-14.12	3	Horizontal	329	1.30	-
2462MHz	Pass	AV	7.38496G	41.06	54.00	-12.94	3	Horizontal	21	1.98	-
2462MHz	Pass	PK	4.92392G	50.65	74.00	-23.35	3	Horizontal	329	1.30	-
2462MHz	Pass	PK	7.3852G	55.16	74.00	-18.84	3	Horizontal	21	1.98	-
VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	53.65	54.00	-0.35	3	Vertical	220	2.16	-
2412MHz	Pass	AV	2.4126G	102.10	Inf	-Inf	3	Vertical	220	2.16	-
2412MHz	Pass	PK	2.3898G	70.55	74.00	-3.45	3	Vertical	220	2.16	-
2412MHz	Pass	PK	2.4128G	110.42	Inf	-Inf	3	Vertical	220	2.16	-
2412MHz	Pass	AV	2.39G	52.31	54.00	-1.69	3	Horizontal	302	1.54	-
2412MHz	Pass	AV	2.4126G	101.55	Inf	-Inf	3	Horizontal	302	1.54	-
2412MHz	Pass	PK	2.3892G	67.19	74.00	-6.81	3	Horizontal	302	1.54	-
2412MHz	Pass	PK	2.4126G	110.07	Inf	-Inf	3	Horizontal	302	1.54	-
2412MHz	Pass	AV	4.82376G	36.90	54.00	-17.10	3	Vertical	331	1.79	-
2412MHz	Pass	PK	4.82312G	51.01	74.00	-22.99	3	Vertical	331	1.79	-
2412MHz	Pass	AV	4.82296G	36.30	54.00	-17.70	3	Horizontal	330	1.06	-
2412MHz	Pass	PK	4.81748G	48.98	74.00	-25.02	3	Horizontal	330	1.06	-
2417MHz	Pass	AV	2.39G	53.74	54.00	-0.26	3	Vertical	231	3.00	-
2417MHz	Pass	AV	2.4164G	104.96	Inf	-Inf	3	Vertical	231	3.00	-
2417MHz	Pass	PK	2.3898G	71.14	74.00	-2.86	3	Vertical	231	3.00	-
2417MHz	Pass	PK	2.416G	113.48	Inf	-Inf	3	Vertical	231	3.00	-
2417MHz	Pass	AV	2.3898G	51.59	54.00	-2.41	3	Horizontal	306	1.00	-
2417MHz	Pass	AV	2.4164G	104.44	Inf	-Inf	3	Horizontal	306	1.00	-
2417MHz	Pass	PK	2.3898G	67.86	74.00	-6.14	3	Horizontal	306	1.00	-
2417MHz	Pass	PK	2.416G	112.65	Inf	-Inf	3	Horizontal	306	1.00	-
2417MHz	Pass	AV	4.83388G	40.85	54.00	-13.15	3	Vertical	335	1.20	-
2417MHz	Pass	AV	7.2552G	46.89	54.00	-7.11	3	Vertical	103	2.09	-
2417MHz	Pass	PK	4.83292G	55.00	74.00	-19.00	3	Vertical	335	1.20	-
2417MHz	Pass	PK	7.25736G	62.29	74.00	-11.71	3	Vertical	103	2.09	-
2417MHz	Pass	AV	4.8374G	39.61	54.00	-14.39	3	Horizontal	331	1.03	-
2417MHz	Pass	PK	4.83324G	53.47	74.00	-20.53	3	Horizontal	331	1.03	-
2417MHz	Pass	PK	7.25216G	58.73	74.00	-15.27	3	Horizontal	199	1.41	-
2437MHz	Pass	AV	2.3894G	48.03	54.00	-5.97	3	Vertical	229	2.59	-
2437MHz	Pass	AV	2.4366G	105.53	Inf	-Inf	3	Vertical	229	2.59	-
2437MHz	Pass	AV	2.4838G	48.88	54.00	-5.12	3	Vertical	229	2.59	-
2437MHz	Pass	PK	2.3846G	59.36	74.00	-14.64	3	Vertical	229	2.59	-
2437MHz	Pass	PK	2.4362G	114.28	Inf	-Inf	3	Vertical	229	2.59	-
2437MHz	Pass	PK	2.4994G	59.57	74.00	-14.43	3	Vertical	229	2.59	-
2437MHz	Pass	AV	2.3894G	48.03	54.00	-5.97	3	Horizontal	303	1.11	-
2437MHz	Pass	AV	2.4354G	104.77	Inf	-Inf	3	Horizontal	303	1.11	-
2437MHz	Pass	AV	2.4835G	48.62	54.00	-5.38	3	Horizontal	303	1.11	-
2437MHz	Pass	PK	2.371G	59.61	74.00	-14.39	3	Horizontal	303	1.11	-
2437MHz	Pass	PK	2.4386G	113.10	Inf	-Inf	3	Horizontal	303	1.11	-
2437MHz	Pass	PK	2.4846G	59.79	74.00	-14.21	3	Horizontal	303	1.11	-
2437MHz	Pass	AV	4.87376G	45.24	54.00	-8.76	3	Vertical	330	1.86	-
2437MHz	Pass	AV	7.30908G	53.87	54.00	-0.13	3	Vertical	84	1.95	-
2437MHz	Pass	PK	4.87336G	59.28	74.00	-14.72	3	Vertical	330	1.86	-
2437MHz	Pass	PK	7.31756G	68.26	74.00	-5.74	3	Vertical	84	1.95	-
2437MHz	Pass	AV	4.87392G	43.22	54.00	-10.78	3	Horizontal	328	2.19	-
2437MHz	Pass	AV	7.309G	47.78	54.00	-6.22	3	Horizontal	186	1.00	-
2437MHz	Pass	PK	4.87328G	57.04	74.00	-16.96	3	Horizontal	328	2.19	-
2437MHz	Pass	PK	7.31756G	62.29	74.00	-11.71	3	Horizontal	186	1.00	-
2457MHz	Pass	AV	2.4576G	103.93	Inf	-Inf	3	Vertical	0	2.58	-
2457MHz	Pass	AV	2.4835G	53.76	54.00	-0.24	3	Vertical	0	2.58	-
2457MHz	Pass	PK	2.4584G	112.11	Inf	-Inf	3	Vertical	0	2.58	-
2457MHz	Pass	PK	2.4846G	68.48	74.00	-5.52	3	Vertical	0	2.58	-
2457MHz	Pass	AV	2.4564G	103.75	Inf	-Inf	3	Horizontal	303	1.19	-
2457MHz	Pass	AV	2.4835G	52.51	54.00	-1.49	3	Horizontal	303	1.19	-
2457MHz	Pass	PK	2.456G	112.23	Inf	-Inf	3	Horizontal	303	1.19	-
2457MHz	Pass	PK	2.4848G	66.98	74.00	-7.02	3	Horizontal	303	1.19	-



Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2457MHz	Pass	AV	4.91392G	43.67	54.00	-10.33	3	Vertical	335	1.06	-
2457MHz	Pass	AV	7.36912G	45.60	54.00	-8.40	3	Vertical	194	2.01	-
2457MHz	Pass	PK	4.91312G	57.68	74.00	-16.32	3	Vertical	335	1.06	-
2457MHz	Pass	PK	7.36704G	60.47	74.00	-13.53	3	Vertical	194	2.01	-
2457MHz	Pass	AV	4.91376G	42.14	54.00	-11.86	3	Horizontal	330	1.15	-
2457MHz	Pass	AV	7.36896G	43.93	54.00	-10.07	3	Horizontal	199	1.50	-
2457MHz	Pass	PK	4.91324G	56.60	74.00	-17.40	3	Horizontal	330	1.15	-
2457MHz	Pass	PK	7.37768G	58.68	74.00	-15.32	3	Horizontal	199	1.50	-
2462MHz	Pass	AV	2.4614G	102.08	Inf	-Inf	3	Vertical	228	2.84	-
2462MHz	Pass	AV	2.4835G	53.95	54.00	-0.05	3	Vertical	228	2.84	-
2462MHz	Pass	PK	2.461G	110.15	Inf	-Inf	3	Vertical	228	2.84	-
2462MHz	Pass	PK	2.4836G	69.74	74.00	-4.26	3	Vertical	228	2.84	-
2462MHz	Pass	AV	2.4626G	99.20	Inf	-Inf	3	Horizontal	284	1.07	-
2462MHz	Pass	AV	2.4835G	52.56	54.00	-1.44	3	Horizontal	284	1.07	-
2462MHz	Pass	PK	2.461G	107.18	Inf	-Inf	3	Horizontal	284	1.07	-
2462MHz	Pass	PK	2.4835G	69.50	74.00	-4.50	3	Horizontal	284	1.07	-
2462MHz	Pass	AV	4.924G	41.13	54.00	-12.87	3	Vertical	331	1.82	-
2462MHz	Pass	AV	7.38648G	46.79	54.00	-7.21	3	Vertical	85	2.04	-
2462MHz	Pass	PK	4.92388G	54.04	74.00	-19.96	3	Vertical	331	1.82	-
2462MHz	Pass	PK	7.38412G	62.51	74.00	-11.49	3	Vertical	85	2.04	-
2462MHz	Pass	AV	4.92396G	40.25	54.00	-13.75	3	Horizontal	327	1.30	-
2462MHz	Pass	AV	7.38644G	43.10	54.00	-10.90	3	Horizontal	282	1.04	-
2462MHz	Pass	PK	4.92392G	53.05	74.00	-20.95	3	Horizontal	327	1.30	-
2462MHz	Pass	PK	7.38428G	57.91	74.00	-16.09	3	Horizontal	282	1.04	-
VHT40_Nss1_(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	AV	2.39G	53.51	54.00	-0.49	3	Vertical	231	2.39	-
2422MHz	Pass	AV	2.4232G	98.14	Inf	-Inf	3	Vertical	231	2.39	-
2422MHz	Pass	AV	2.492G	47.80	54.00	-6.20	3	Vertical	231	2.39	-
2422MHz	Pass	PK	2.3888G	68.29	74.00	-5.71	3	Vertical	231	2.39	-
2422MHz	Pass	PK	2.4236G	106.03	Inf	-Inf	3	Vertical	231	2.39	-
2422MHz	Pass	PK	2.488G	59.50	74.00	-14.50	3	Vertical	231	2.39	-
2422MHz	Pass	AV	2.39G	53.08	54.00	-0.92	3	Horizontal	302	1.26	-
2422MHz	Pass	AV	2.4232G	98.13	Inf	-Inf	3	Horizontal	302	1.26	-
2422MHz	Pass	AV	2.4892G	48.08	54.00	-5.92	3	Horizontal	302	1.26	-
2422MHz	Pass	PK	2.3892G	67.13	74.00	-6.87	3	Horizontal	302	1.26	-
2422MHz	Pass	PK	2.4236G	105.99	Inf	-Inf	3	Horizontal	302	1.26	-
2422MHz	Pass	PK	2.4916G	59.28	74.00	-14.72	3	Horizontal	302	1.26	-
2422MHz	Pass	AV	4.84392G	34.78	54.00	-19.22	3	Vertical	204	1.45	-
2422MHz	Pass	AV	7.26072G	39.00	54.00	-15.00	3	Vertical	327	1.73	-
2422MHz	Pass	PK	4.8456G	46.84	74.00	-27.16	3	Vertical	204	1.45	-
2422MHz	Pass	PK	7.27016G	52.10	74.00	-21.90	3	Vertical	327	1.73	-
2422MHz	Pass	AV	4.84376G	34.53	54.00	-19.47	3	Horizontal	147	2.38	-
2422MHz	Pass	AV	7.26464G	39.09	54.00	-14.91	3	Horizontal	319	1.32	-
2422MHz	Pass	PK	4.85056G	46.78	74.00	-27.22	3	Horizontal	147	2.38	-
2422MHz	Pass	PK	7.25072G	51.42	74.00	-22.58	3	Horizontal	319	1.32	-
2427MHz	Pass	AV	2.3898G	53.46	54.00	-0.54	3	Vertical	229	2.65	-
2427MHz	Pass	AV	2.4254G	99.46	Inf	-Inf	3	Vertical	229	2.65	-
2427MHz	Pass	AV	2.4866G	48.04	54.00	-5.96	3	Vertical	229	2.65	-
2427MHz	Pass	PK	2.3898G	65.00	74.00	-9.00	3	Vertical	229	2.65	-
2427MHz	Pass	PK	2.4258G	107.34	Inf	-Inf	3	Vertical	229	2.65	-
2427MHz	Pass	PK	2.4854G	59.00	74.00	-15.00	3	Vertical	229	2.65	-
2427MHz	Pass	AV	2.3898G	52.26	54.00	-1.74	3	Horizontal	305	1.56	-
2427MHz	Pass	AV	2.4254G	99.33	Inf	-Inf	3	Horizontal	305	1.56	-
2427MHz	Pass	AV	2.487G	48.04	54.00	-5.96	3	Horizontal	305	1.56	-
2427MHz	Pass	PK	2.3898G	64.34	74.00	-9.66	3	Horizontal	305	1.56	-
2427MHz	Pass	PK	2.4258G	107.26	Inf	-Inf	3	Horizontal	305	1.56	-
2427MHz	Pass	PK	2.491G	59.45	74.00	-14.55	3	Horizontal	305	1.56	-
2437MHz	Pass	AV	2.3898G	52.63	54.00	-1.37	3	Vertical	230	2.59	-
2437MHz	Pass	AV	2.4354G	102.13	Inf	-Inf	3	Vertical	230	2.59	-
2437MHz	Pass	AV	2.4835G	53.81	54.00	-0.19	3	Vertical	230	2.59	-
2437MHz	Pass	PK	2.389G	66.92	74.00	-7.08	3	Vertical	230	2.59	-
2437MHz	Pass	PK	2.433G	110.10	Inf	-Inf	3	Vertical	230	2.59	-



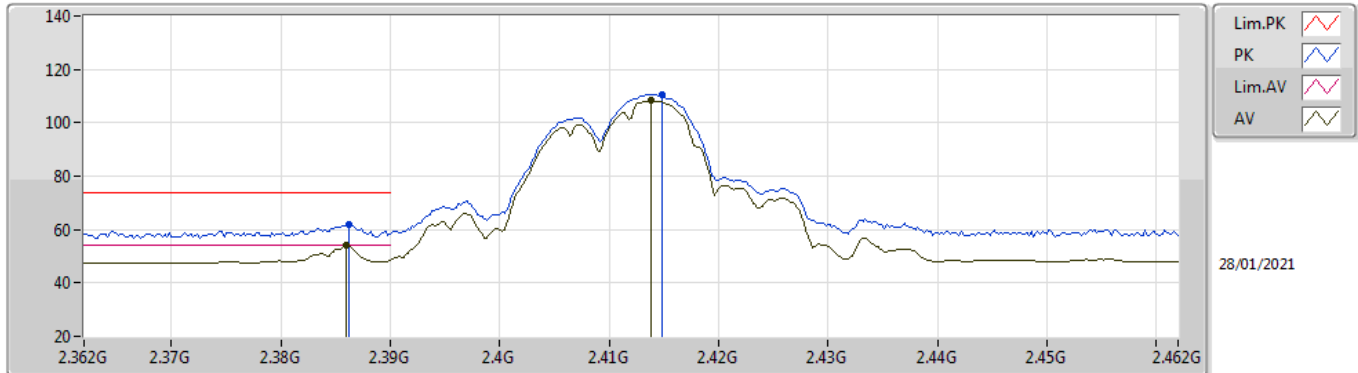
RSE TX above 1GHz_Non-Beamforming

Appendix F.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2437MHz	Pass	PK	2.4854G	65.97	74.00	-8.03	3	Vertical	230	2.59	-
2437MHz	Pass	AV	2.3898G	52.31	54.00	-1.69	3	Horizontal	303	1.12	-
2437MHz	Pass	AV	2.4354G	101.43	Inf	-Inf	3	Horizontal	303	1.12	-
2437MHz	Pass	AV	2.4835G	53.21	54.00	-0.79	3	Horizontal	303	1.12	-
2437MHz	Pass	PK	2.3894G	65.23	74.00	-8.77	3	Horizontal	303	1.12	-
2437MHz	Pass	PK	2.4334G	109.94	Inf	-Inf	3	Horizontal	303	1.12	-
2437MHz	Pass	PK	2.4846G	65.71	74.00	-8.29	3	Horizontal	303	1.12	-
2437MHz	Pass	AV	4.87392G	42.78	54.00	-11.22	3	Vertical	330	1.86	-
2437MHz	Pass	AV	7.3118G	43.96	54.00	-10.04	3	Vertical	192	1.50	-
2437MHz	Pass	PK	4.87416G	54.66	74.00	-19.34	3	Vertical	330	1.86	-
2437MHz	Pass	PK	7.3094G	55.94	74.00	-18.06	3	Vertical	192	1.50	-
2437MHz	Pass	AV	4.87392G	40.89	54.00	-13.11	3	Horizontal	329	2.19	-
2437MHz	Pass	AV	7.31172G	44.03	54.00	-9.97	3	Horizontal	19	1.00	-
2437MHz	Pass	PK	4.87456G	52.58	74.00	-21.42	3	Horizontal	329	2.19	-
2437MHz	Pass	PK	7.30756G	56.77	74.00	-17.23	3	Horizontal	19	1.00	-
2447MHz	Pass	AV	2.347G	47.79	54.00	-6.21	3	Vertical	357	2.85	-
2447MHz	Pass	AV	2.4454G	99.71	Inf	-Inf	3	Vertical	357	2.85	-
2447MHz	Pass	AV	2.4835G	53.27	54.00	-0.73	3	Vertical	357	2.85	-
2447MHz	Pass	PK	2.3618G	59.61	74.00	-14.39	3	Vertical	357	2.85	-
2447MHz	Pass	PK	2.4458G	107.68	Inf	-Inf	3	Vertical	357	2.85	-
2447MHz	Pass	PK	2.4835G	67.24	74.00	-6.76	3	Vertical	357	2.85	-
2447MHz	Pass	AV	2.3586G	47.68	54.00	-6.32	3	Horizontal	300	1.49	-
2447MHz	Pass	AV	2.4454G	99.53	Inf	-Inf	3	Horizontal	300	1.49	-
2447MHz	Pass	AV	2.4835G	53.40	54.00	-0.60	3	Horizontal	300	1.49	-
2447MHz	Pass	PK	2.3722G	59.76	74.00	-14.24	3	Horizontal	300	1.49	-
2447MHz	Pass	PK	2.4458G	107.32	Inf	-Inf	3	Horizontal	300	1.49	-
2447MHz	Pass	PK	2.4835G	67.24	74.00	-6.76	3	Horizontal	300	1.49	-
2452MHz	Pass	AV	2.3896G	47.49	54.00	-6.51	3	Vertical	357	2.77	-
2452MHz	Pass	AV	2.4532G	98.42	Inf	-Inf	3	Vertical	357	2.77	-
2452MHz	Pass	AV	2.4835G	53.36	54.00	-0.64	3	Vertical	357	2.77	-
2452MHz	Pass	PK	2.3768G	58.99	74.00	-15.01	3	Vertical	357	2.77	-
2452MHz	Pass	PK	2.4508G	106.29	Inf	-Inf	3	Vertical	357	2.77	-
2452MHz	Pass	PK	2.4844G	65.56	74.00	-8.44	3	Vertical	357	2.77	-
2452MHz	Pass	AV	2.3888G	47.48	54.00	-6.52	3	Horizontal	303	1.20	-
2452MHz	Pass	AV	2.4508G	97.70	Inf	-Inf	3	Horizontal	303	1.20	-
2452MHz	Pass	AV	2.4835G	53.81	54.00	-0.19	3	Horizontal	303	1.20	-
2452MHz	Pass	PK	2.3884G	59.05	74.00	-14.95	3	Horizontal	303	1.20	-
2452MHz	Pass	PK	2.4508G	105.65	Inf	-Inf	3	Horizontal	303	1.20	-
2452MHz	Pass	PK	2.4872G	66.65	74.00	-7.35	3	Horizontal	303	1.20	-
2452MHz	Pass	AV	4.90392G	37.73	54.00	-16.27	3	Vertical	333	2.20	-
2452MHz	Pass	AV	7.3568G	41.75	54.00	-12.25	3	Vertical	86	1.00	-
2452MHz	Pass	PK	4.90448G	48.80	74.00	-25.20	3	Vertical	333	2.20	-
2452MHz	Pass	PK	7.35856G	54.44	74.00	-19.56	3	Vertical	86	1.00	-
2452MHz	Pass	AV	4.904G	36.67	54.00	-17.33	3	Horizontal	329	1.02	-
2452MHz	Pass	AV	7.34528G	39.33	54.00	-14.67	3	Horizontal	360	1.78	-
2452MHz	Pass	PK	4.90392G	48.51	74.00	-25.49	3	Horizontal	329	1.02	-
2452MHz	Pass	PK	7.35328G	51.84	74.00	-22.16	3	Horizontal	360	1.78	-

802.11b_Nss1,(1Mbps)_2TX

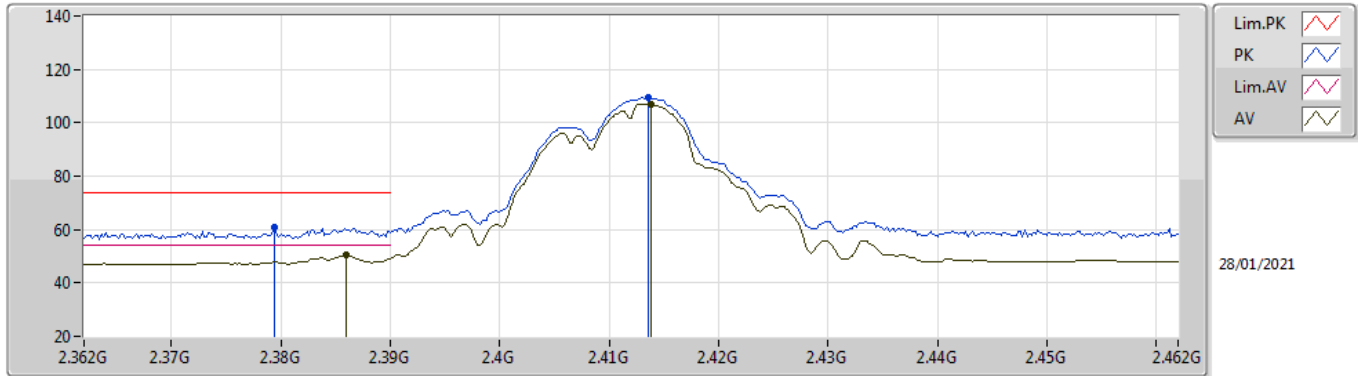
2412MHz_TX



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	2.386G	53.88	54.00	-0.12	31.92	3	Vertical	216	2.15	-	21.96	27.63	4.29	-
AV	2.4138G	108.28	Inf	-Inf	31.88	3	Vertical	216	2.15	-	76.40	27.57	4.31	-
PK	2.3862G	61.78	74.00	-12.22	31.92	3	Vertical	216	2.15	-	29.86	27.63	4.29	-
PK	2.4148G	110.59	Inf	-Inf	31.88	3	Vertical	216	2.15	-	78.71	27.57	4.31	-

802.11b_Nss1,(1Mbps)_2TX

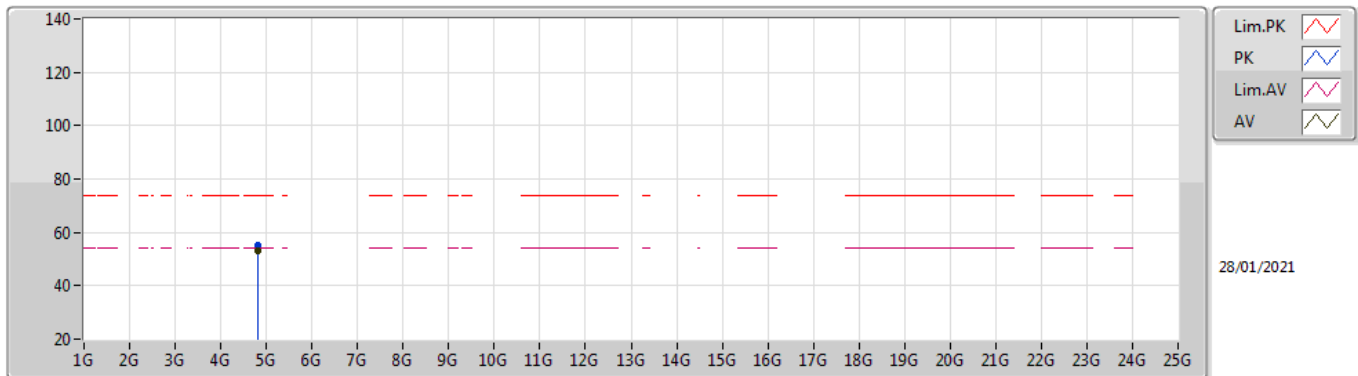
2412MHz_TX



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	2.386G	50.49	54.00	-3.51	31.92	3	Horizontal	307	1.53	-	18.57	27.63	4.29	-
AV	2.4138G	106.96	Inf	-Inf	31.88	3	Horizontal	307	1.53	-	75.08	27.57	4.31	-
PK	2.3794G	60.90	74.00	-13.10	31.92	3	Horizontal	307	1.53	-	28.98	27.64	4.28	-
PK	2.4136G	109.35	Inf	-Inf	31.88	3	Horizontal	307	1.53	-	77.47	27.57	4.31	-

802.11b_Nss1,(1Mbps)_2TX

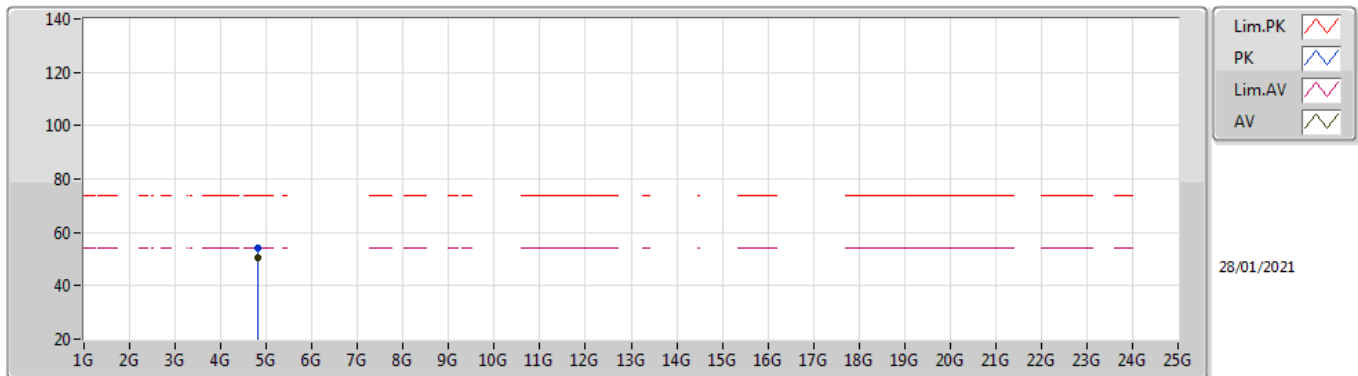
2412MHz_TX



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	4.82392G	52.90	54.00	-1.10	8.39	3	Vertical	190	1.52	-	44.51	31.10	6.52	29.23
PK	4.82392G	55.40	74.00	-18.60	8.39	3	Vertical	190	1.52	-	47.01	31.10	6.52	29.23

802.11b_Nss1,(1Mbps)_2TX

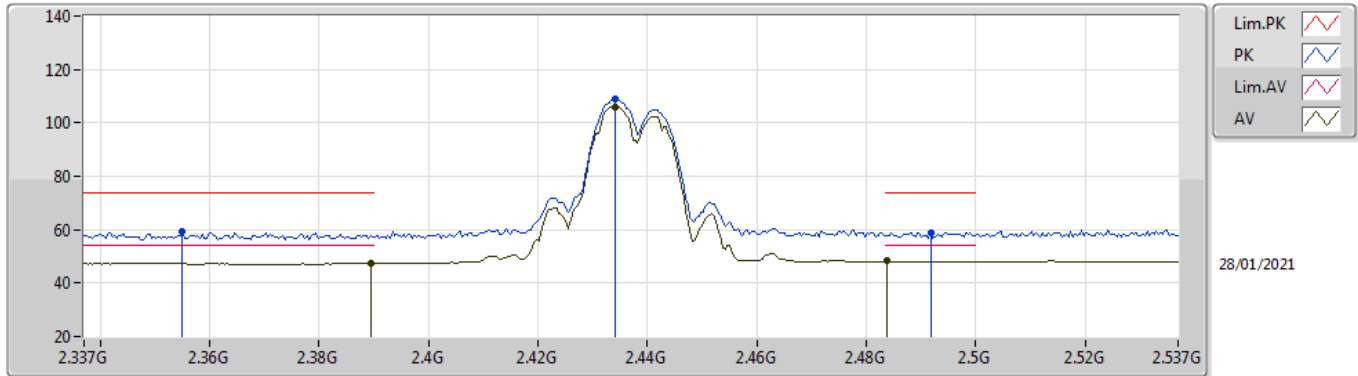
2412MHz_TX



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	4.82392G	50.48	54.00	-3.52	8.39	3	Horizontal	332	1.06	-	42.09	31.10	6.52	29.23
PK	4.82388G	54.10	74.00	-19.90	8.39	3	Horizontal	332	1.06	-	45.71	31.10	6.52	29.23

802.11b_Nss1,(1Mbps)_2TX

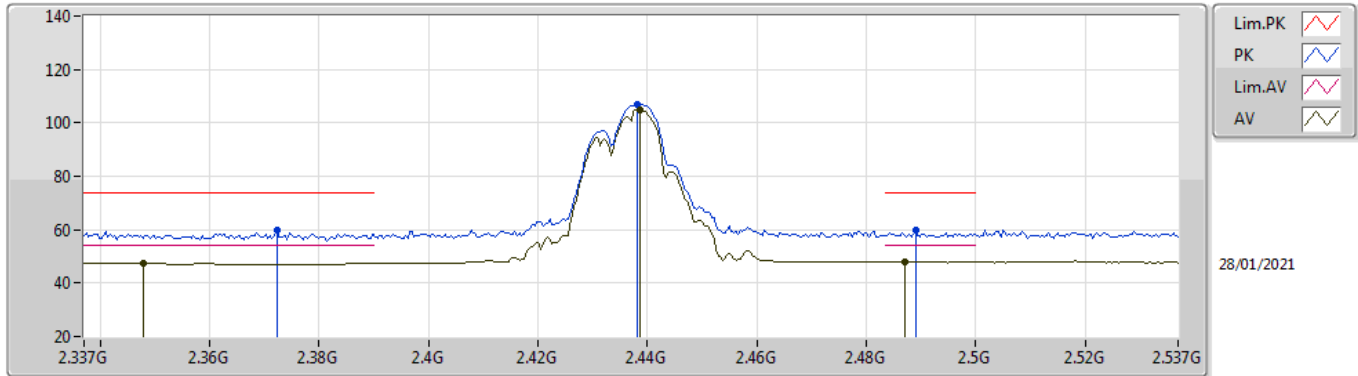
2437MHz_TX



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	2.3894G	47.49	54.00	-6.51	31.91	3	Vertical	196	2.97	-	15.58	27.62	4.29	-
AV	2.4342G	105.95	Inf	-Inf	31.86	3	Vertical	196	2.97	-	74.09	27.53	4.33	-
AV	2.4838G	48.35	54.00	-5.65	31.81	3	Vertical	196	2.97	-	16.54	27.43	4.38	-
PK	2.355G	59.48	74.00	-14.52	31.94	3	Vertical	196	2.97	-	27.54	27.69	4.25	-
PK	2.4342G	108.76	Inf	-Inf	31.86	3	Vertical	196	2.97	-	76.90	27.53	4.33	-
PK	2.4918G	59.04	74.00	-14.96	31.81	3	Vertical	196	2.97	-	27.23	27.42	4.39	-

802.11b_Nss1,(1Mbps)_2TX

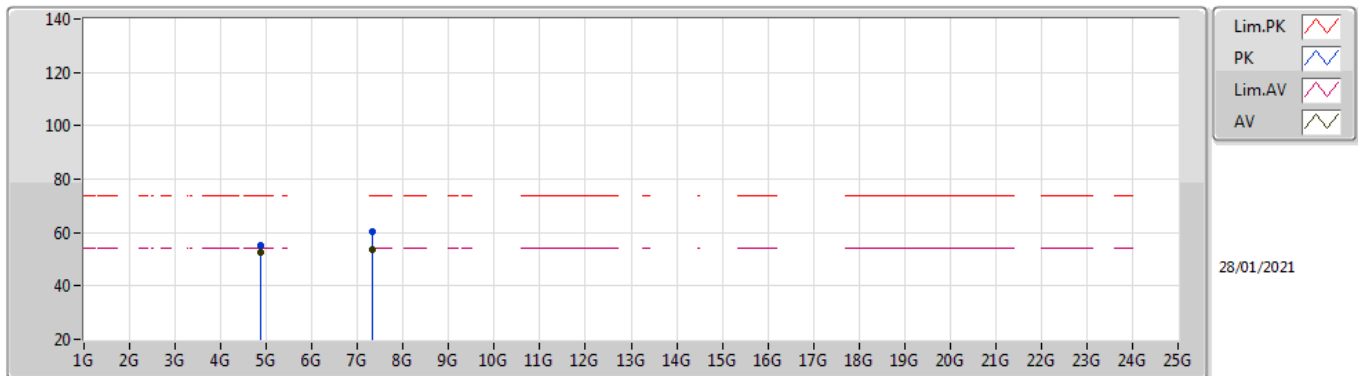
2437MHz_TX



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	2.3478G	47.48	54.00	-6.52	31.96	3	Horizontal	304	1.00	-	15.52	27.71	4.25	-
AV	2.4386G	104.67	Inf	-Inf	31.86	3	Horizontal	304	1.00	-	72.81	27.52	4.34	-
AV	2.487G	48.09	54.00	-5.91	31.82	3	Horizontal	304	1.00	-	16.27	27.43	4.39	-
PK	2.3722G	59.61	74.00	-14.39	31.93	3	Horizontal	304	1.00	-	27.68	27.66	4.27	-
PK	2.4382G	107.12	Inf	-Inf	31.86	3	Horizontal	304	1.00	-	75.26	27.52	4.34	-
PK	2.489G	59.72	74.00	-14.28	31.81	3	Horizontal	304	1.00	-	27.91	27.42	4.39	-

802.11b_Nss1,(1Mbps)_2TX

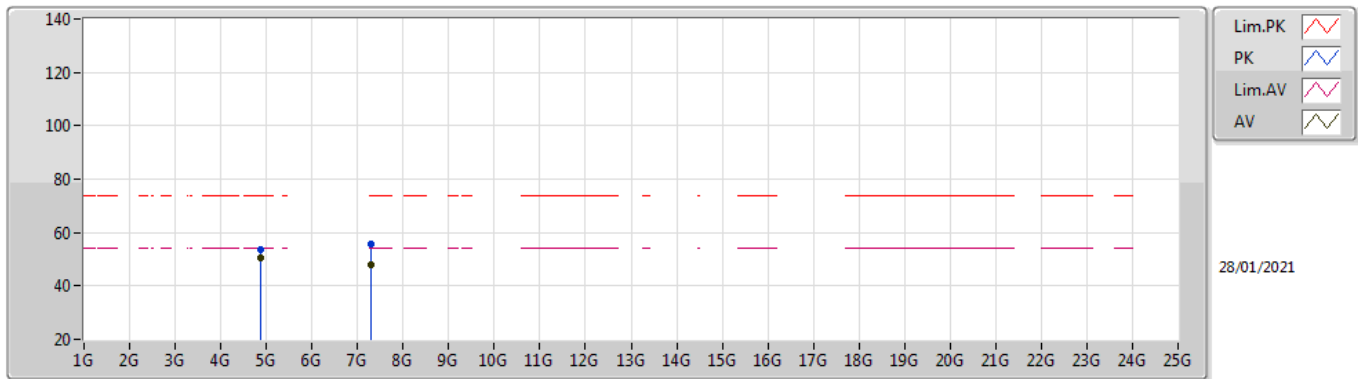
2437MHz_TX



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	4.87392G	52.81	54.00	-1.19	8.46	3	Vertical	332	1.87	-	44.35	31.10	6.57	29.21
AV	7.31168G	53.57	54.00	-0.43	13.76	3	Vertical	84	2.04	-	39.81	36.32	7.60	30.16
PK	4.87392G	55.37	74.00	-18.63	8.46	3	Vertical	332	1.87	-	46.91	31.10	6.57	29.21
PK	7.31096G	60.14	74.00	-13.86	13.76	3	Vertical	84	2.04	-	46.38	36.32	7.60	30.16

802.11b_Nss1,(1Mbps)_2TX

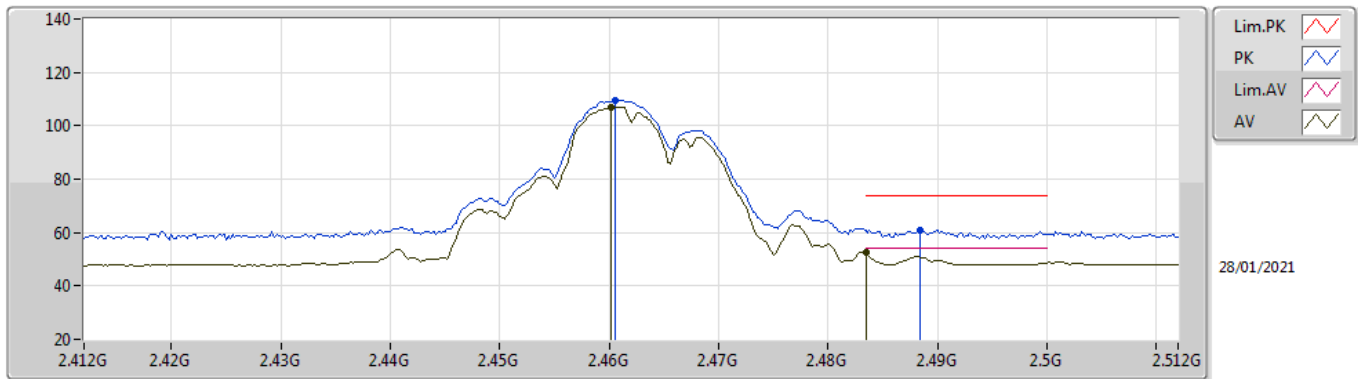
2437MHz_TX



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	4.87396G	50.33	54.00	-3.67	8.46	3	Horizontal	330	1.26	-	41.87	31.10	6.57	29.21
AV	7.31012G	48.00	54.00	-6.00	13.76	3	Horizontal	186	1.00	-	34.24	36.32	7.60	30.16
PK	4.874G	53.78	74.00	-20.22	8.46	3	Horizontal	330	1.26	-	45.32	31.10	6.57	29.21
PK	7.30884G	55.65	74.00	-18.35	13.76	3	Horizontal	186	1.00	-	41.89	36.32	7.60	30.16

802.11b_Nss1,(1Mbps)_2TX

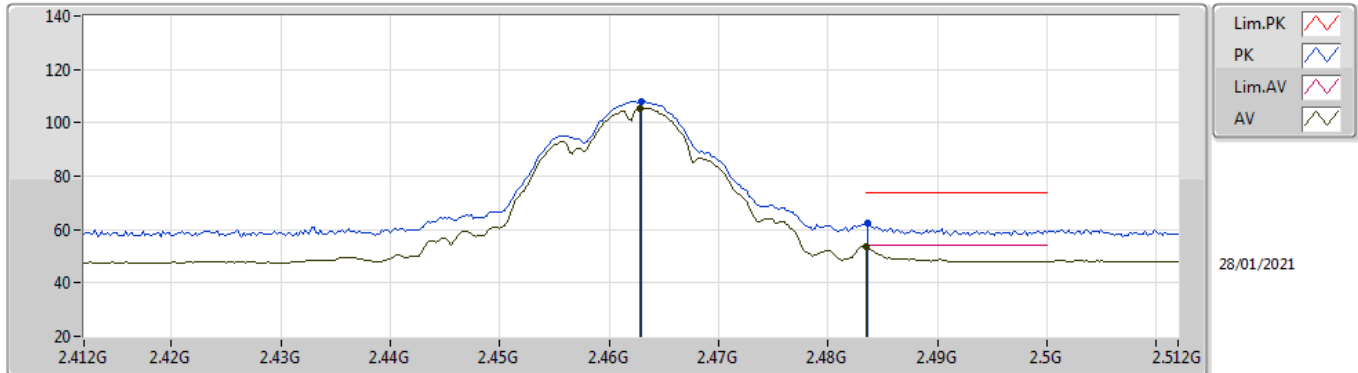
2462MHz_TX



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	2.4602G	107.11	Inf	-Inf	31.84	3	Vertical	353	2.76	-	75.27	27.48	4.36	-
AV	2.4835G	52.40	54.00	-1.60	31.81	3	Vertical	353	2.76	-	20.59	27.43	4.38	-
PK	2.4606G	109.46	Inf	-Inf	31.84	3	Vertical	353	2.76	-	77.62	27.48	4.36	-
PK	2.4884G	60.95	74.00	-13.05	31.81	3	Vertical	353	2.76	-	29.14	27.42	4.39	-

802.11b_Nss1,(1Mbps)_2TX

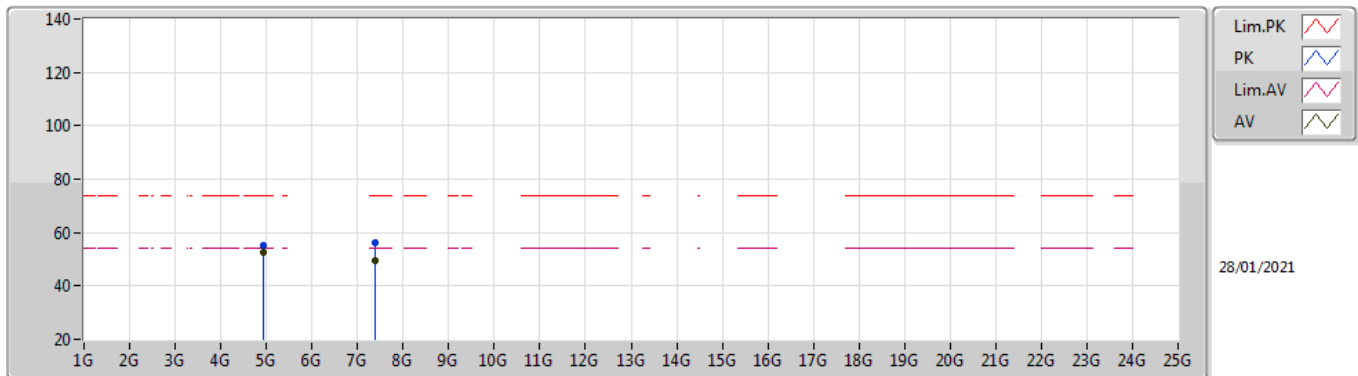
2462MHz_TX



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	2.4628G	105.54	Inf	-Inf	31.83	3	Horizontal	302	1.25	-	73.71	27.47	4.36	-
AV	2.4835G	53.66	54.00	-0.34	31.81	3	Horizontal	302	1.25	-	21.85	27.43	4.38	-
PK	2.463G	107.99	Inf	-Inf	31.83	3	Horizontal	302	1.25	-	76.16	27.47	4.36	-
PK	2.4836G	62.34	74.00	-11.66	31.81	3	Horizontal	302	1.25	-	30.53	27.43	4.38	-

802.11b_Nss1,(1Mbps)_2TX

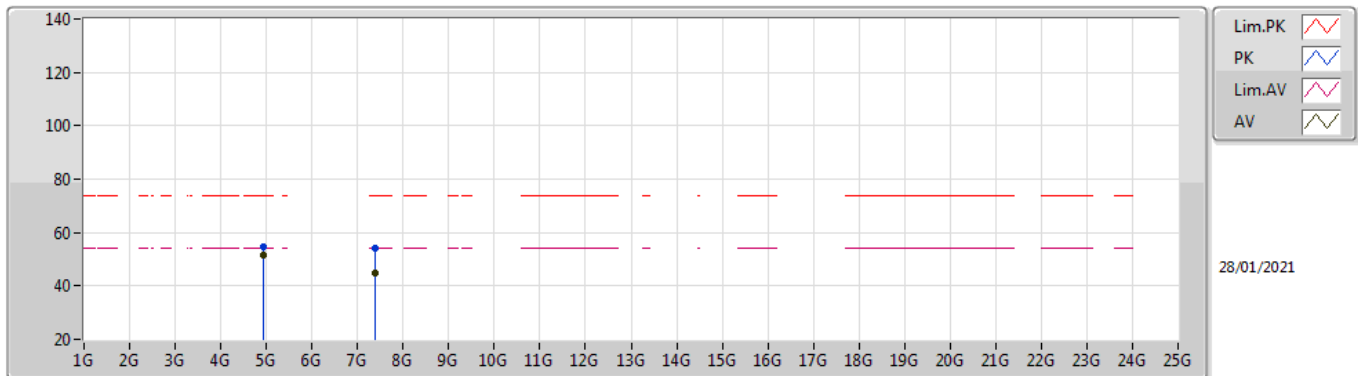
2462MHz_TX



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	4.92396G	52.45	54.00	-1.55	8.58	3	Vertical	331	1.61	-	43.87	31.15	6.62	29.19
AV	7.38308G	49.45	54.00	-4.55	13.52	3	Vertical	90	1.00	-	35.93	36.14	7.60	30.22
PK	4.924G	55.31	74.00	-18.69	8.58	3	Vertical	331	1.61	-	46.73	31.15	6.62	29.19
PK	7.39032G	56.41	74.00	-17.59	13.46	3	Vertical	90	1.00	-	42.95	36.08	7.60	30.22

802.11b_Nss1,(1Mbps)_2TX

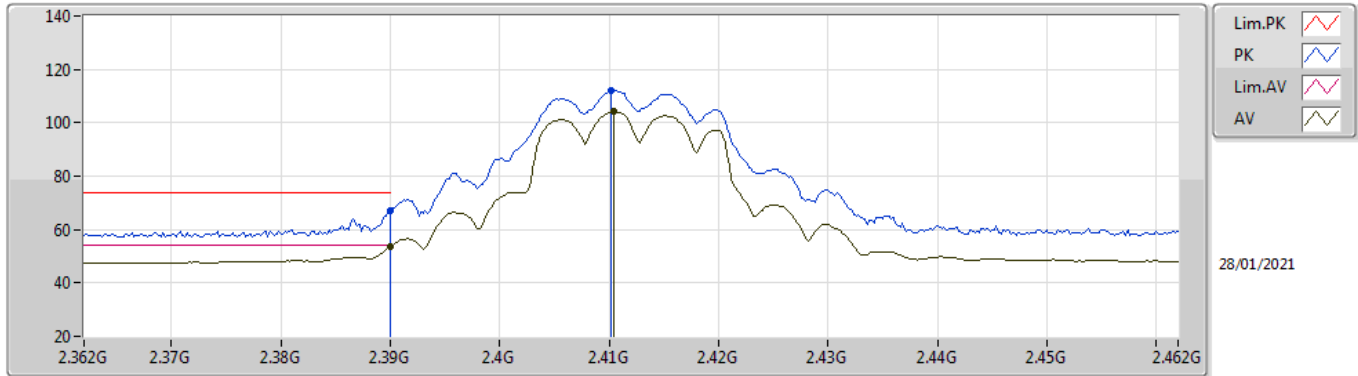
2462MHz_TX



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	4.92392G	51.35	54.00	-2.65	8.58	3	Horizontal	330	1.31	-	42.77	31.15	6.62	29.19
AV	7.38864G	44.73	54.00	-9.27	13.47	3	Horizontal	20	1.98	-	31.26	36.09	7.60	30.22
PK	4.92392G	54.55	74.00	-19.45	8.58	3	Horizontal	330	1.31	-	45.97	31.15	6.62	29.19
PK	7.38844G	54.12	74.00	-19.88	13.47	3	Horizontal	20	1.98	-	40.65	36.09	7.60	30.22

802.11g_Nss1,(6Mbps)_2TX

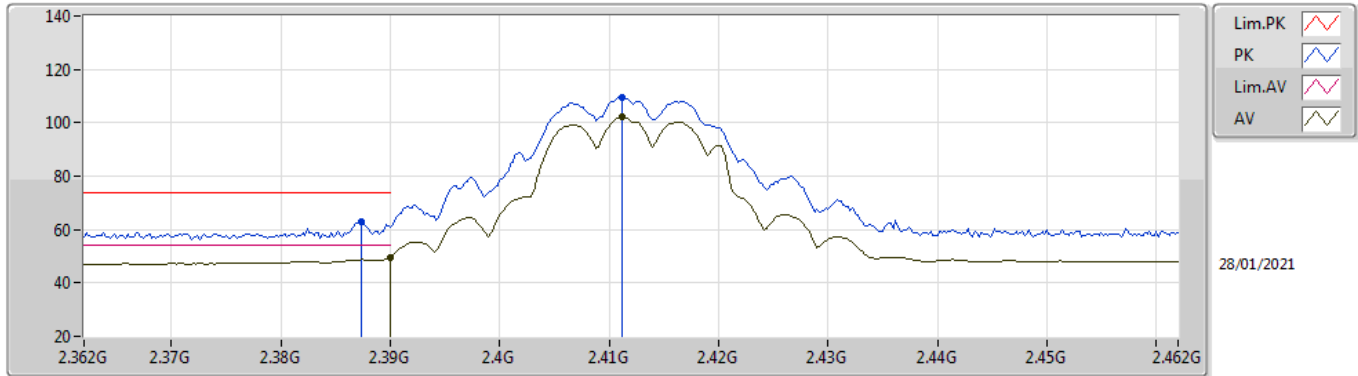
2412MHz_TX



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	53.65	54.00	-0.35	31.91	3	Vertical	211	2.46	-	21.74	27.62	4.29	-
AV	2.4104G	104.10	Inf	-Inf	31.89	3	Vertical	211	2.46	-	72.21	27.58	4.31	-
PK	2.39G	66.85	74.00	-7.15	31.91	3	Vertical	211	2.46	-	34.94	27.62	4.29	-
PK	2.4102G	112.01	Inf	-Inf	31.89	3	Vertical	211	2.46	-	80.12	27.58	4.31	-

802.11g_Nss1,(6Mbps)_2TX

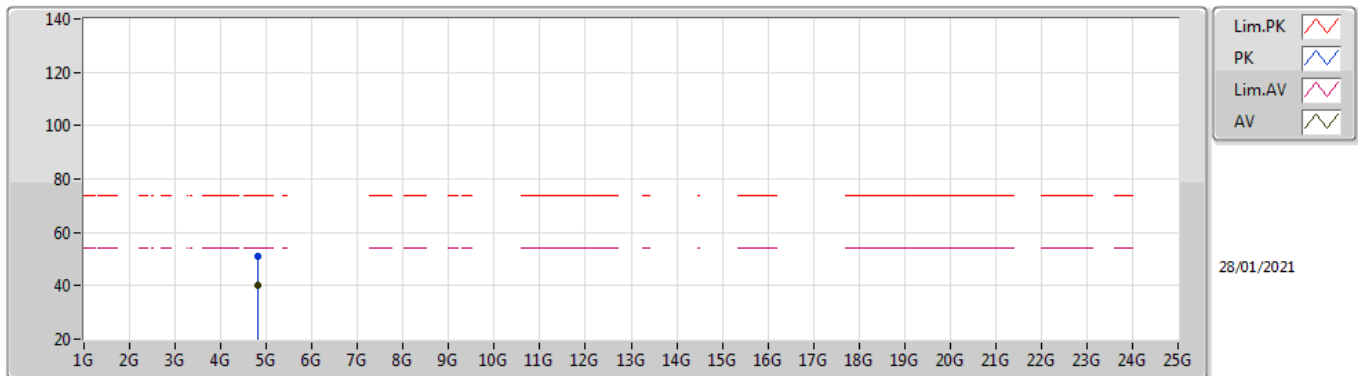
2412MHz_TX



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	49.71	54.00	-4.29	31.91	3	Horizontal	305	1.54	-	17.80	27.62	4.29	-
AV	2.4112G	102.19	Inf	-Inf	31.89	3	Horizontal	305	1.54	-	70.30	27.58	4.31	-
PK	2.3874G	63.04	74.00	-10.96	31.92	3	Horizontal	305	1.54	-	31.12	27.63	4.29	-
PK	2.4112G	109.65	Inf	-Inf	31.89	3	Horizontal	305	1.54	-	77.76	27.58	4.31	-

802.11g_Nss1,(6Mbps)_2TX

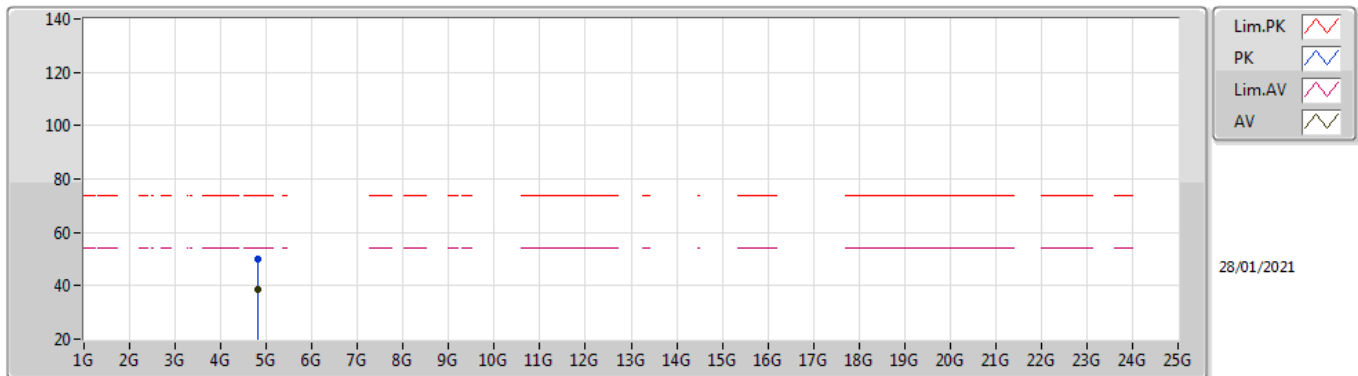
2412MHz_TX



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	4.82392G	40.26	54.00	-13.74	8.39	3	Vertical	188	1.70	-	31.87	31.10	6.52	29.23
PK	4.82708G	50.91	74.00	-23.09	8.40	3	Vertical	188	1.70	-	42.51	31.10	6.53	29.23

802.11g_Nss1,(6Mbps)_2TX

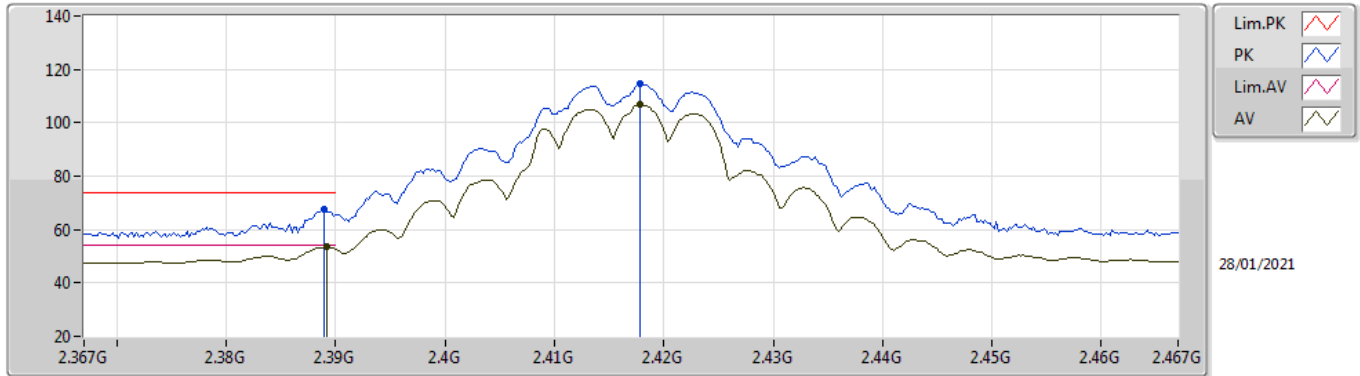
2412MHz_TX



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	4.82388G	38.82	54.00	-15.18	8.39	3	Horizontal	330	2.12	-	30.43	31.10	6.52	29.23
PK	4.82404G	49.85	74.00	-24.15	8.39	3	Horizontal	330	2.12	-	41.46	31.10	6.52	29.23

802.11g_Nss1,(6Mbps)_2TX

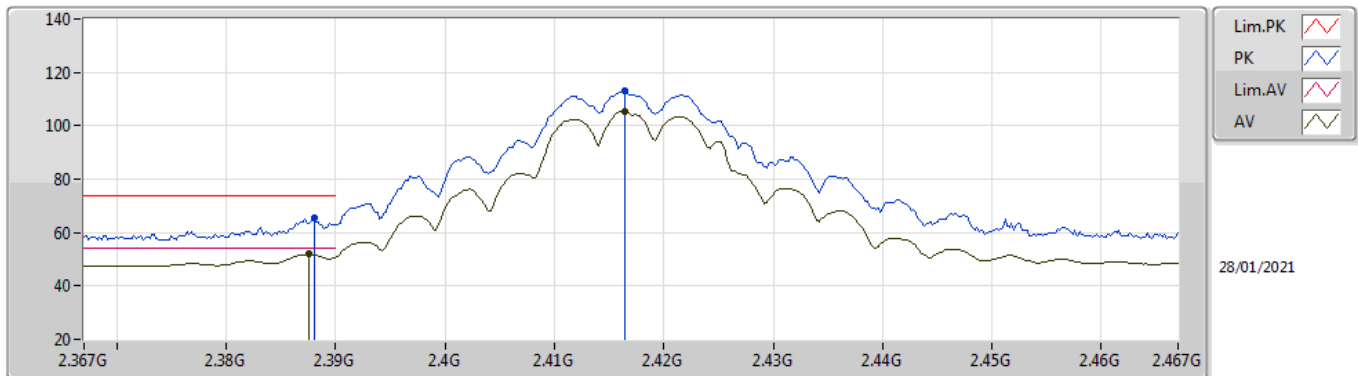
2417MHz_TX



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	2.3892G	53.45	54.00	-0.55	31.91	3	Vertical	0	2.10	-	21.54	27.62	4.29	-
AV	2.4178G	106.74	Inf	-Inf	31.88	3	Vertical	0	2.10	-	74.86	27.56	4.32	-
PK	2.389G	67.39	74.00	-6.61	31.91	3	Vertical	0	2.10	-	35.48	27.62	4.29	-
PK	2.4178G	114.42	Inf	-Inf	31.88	3	Vertical	0	2.10	-	82.54	27.56	4.32	-

802.11g_Nss1,(6Mbps)_2TX

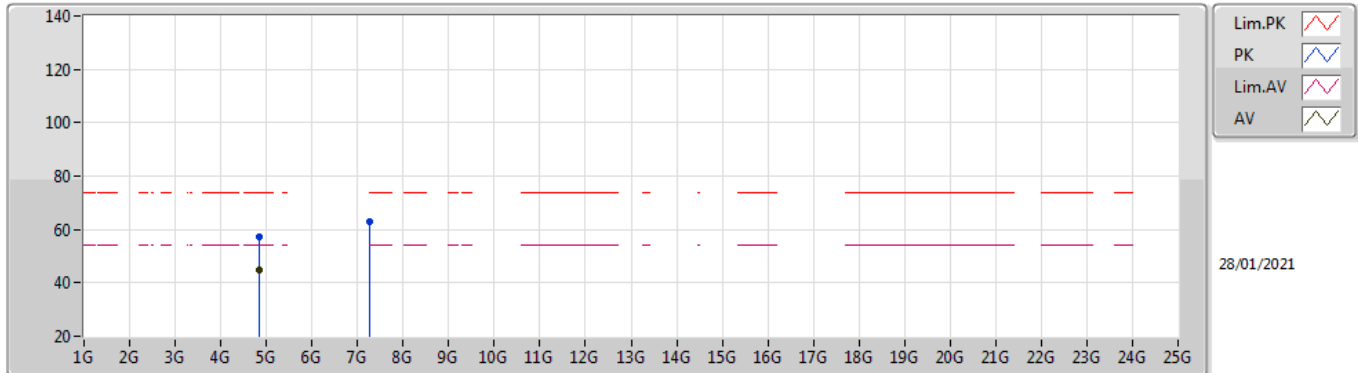
2417MHz_TX



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	2.3876G	51.90	54.00	-2.10	31.91	3	Horizontal	305	1.00	-	19.99	27.62	4.29	-
AV	2.4164G	105.57	Inf	-Inf	31.89	3	Horizontal	305	1.00	-	73.68	27.57	4.32	-
PK	2.388G	65.48	74.00	-8.52	31.91	3	Horizontal	305	1.00	-	33.57	27.62	4.29	-
PK	2.4164G	113.11	Inf	-Inf	31.89	3	Horizontal	305	1.00	-	81.22	27.57	4.32	-

802.11g_Nss1,(6Mbps)_2TX

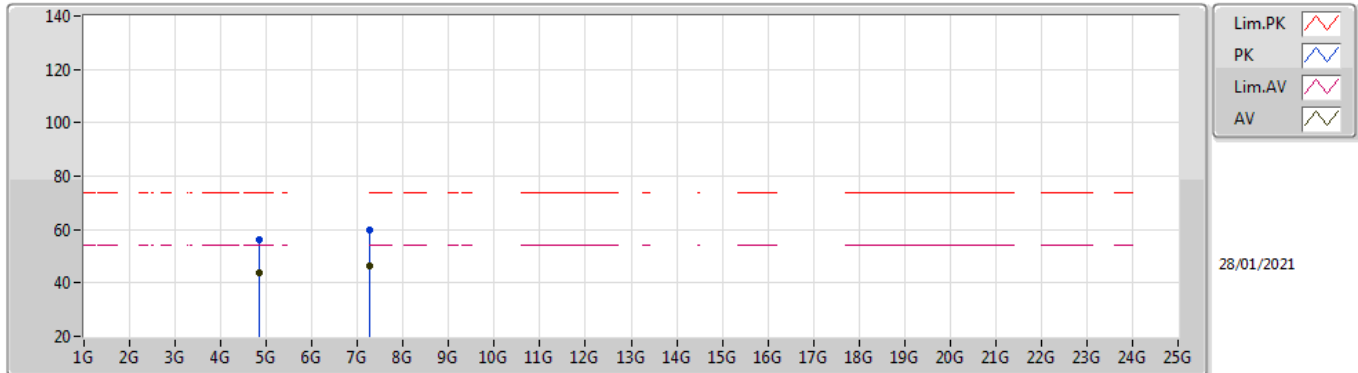
2417MHz_TX



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	4.83236G	44.90	54.00	-9.10	8.41	3	Vertical	90	2.15	-	36.49	31.10	6.53	29.22
PK	4.83692G	57.29	74.00	-16.71	8.42	3	Vertical	90	2.15	-	48.87	31.10	6.54	29.22
PK	7.25028G	63.02	74.00	-10.98	13.78	3	Vertical	93	1.99	-	49.24	36.30	7.60	30.12

802.11g_Nss1,(6Mbps)_2TX

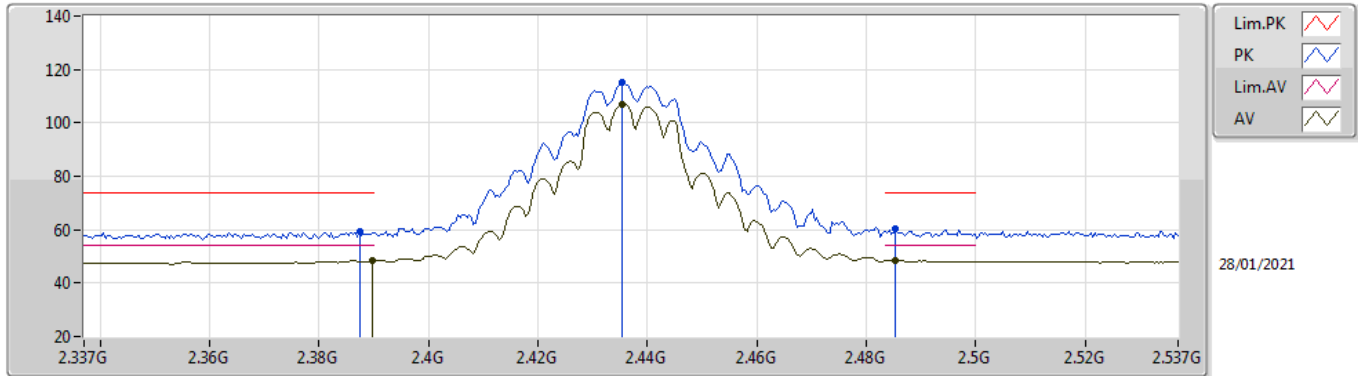
2417MHz_TX



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	4.83608G	43.79	54.00	-10.21	8.42	3	Horizontal	302	2.05	-	35.37	31.10	6.54	29.22
AV	7.25016G	46.52	54.00	-7.48	13.78	3	Horizontal	200	1.42	-	32.74	36.30	7.60	30.12
PK	4.83108G	56.01	74.00	-17.99	8.41	3	Horizontal	302	2.05	-	47.60	31.10	6.53	29.22
PK	7.2506G	59.57	74.00	-14.43	13.78	3	Horizontal	200	1.42	-	45.79	36.30	7.60	30.12

802.11g_Nss1,(6Mbps)_2TX

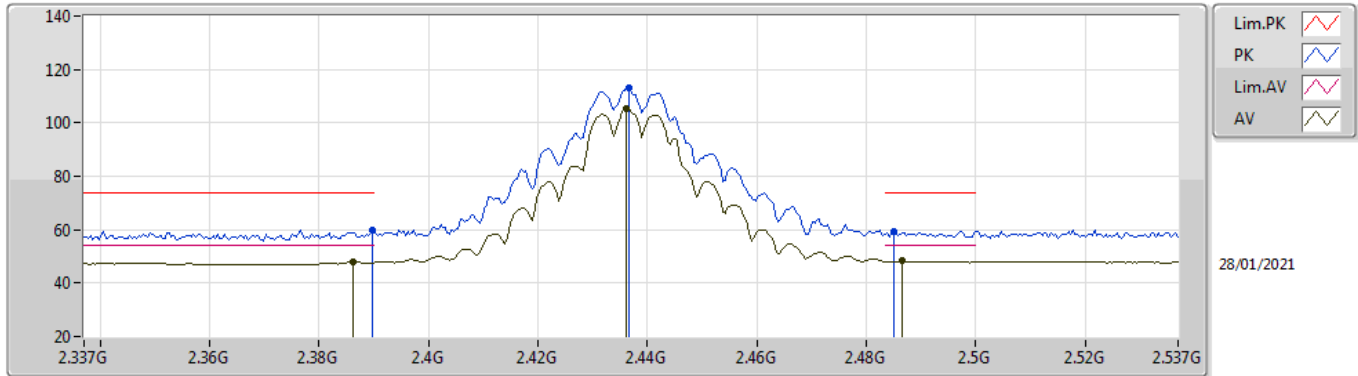
2437MHz_TX



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	2.3898G	48.29	54.00	-5.71	31.91	3	Vertical	212	2.64	-	16.38	27.62	4.29	-
AV	2.4354G	107.00	Inf	-Inf	31.87	3	Vertical	212	2.64	-	75.13	27.53	4.34	-
AV	2.4854G	48.63	54.00	-5.37	31.82	3	Vertical	212	2.64	-	16.81	27.43	4.39	-
PK	2.3874G	59.26	74.00	-14.74	31.92	3	Vertical	212	2.64	-	27.34	27.63	4.29	-
PK	2.4354G	115.30	Inf	-Inf	31.87	3	Vertical	212	2.64	-	83.43	27.53	4.34	-
PK	2.4854G	60.09	74.00	-13.91	31.82	3	Vertical	212	2.64	-	28.27	27.43	4.39	-

802.11g_Nss1,(6Mbps)_2TX

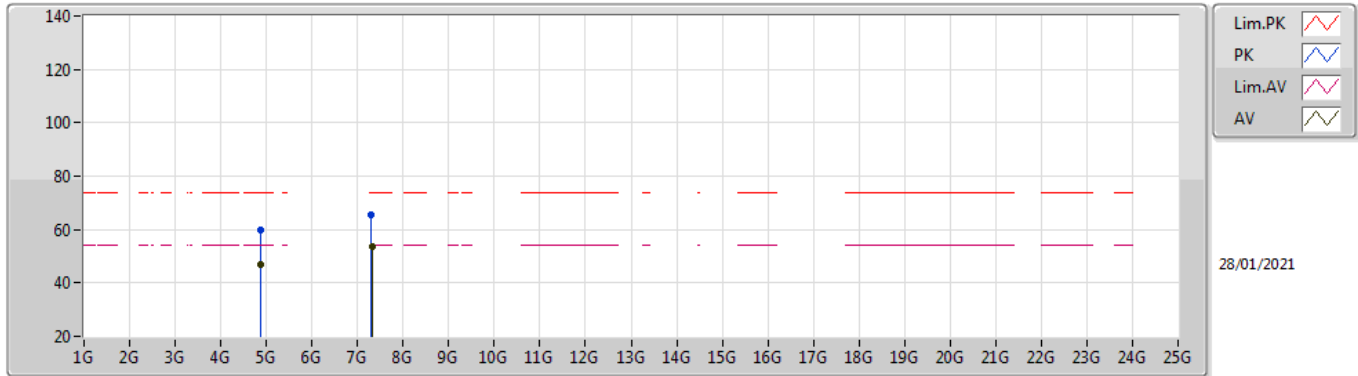
2437MHz_TX



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	2.3862G	48.00	54.00	-6.00	31.92	3	Horizontal	303	1.12	-	16.08	27.63	4.29	-
AV	2.4362G	105.40	Inf	-Inf	31.87	3	Horizontal	303	1.12	-	73.53	27.53	4.34	-
AV	2.4866G	48.36	54.00	-5.64	31.82	3	Horizontal	303	1.12	-	16.54	27.43	4.39	-
PK	2.3898G	59.91	74.00	-14.09	31.91	3	Horizontal	303	1.12	-	28.00	27.62	4.29	-
PK	2.4366G	112.97	Inf	-Inf	31.87	3	Horizontal	303	1.12	-	81.10	27.53	4.34	-
PK	2.485G	59.35	74.00	-14.65	31.81	3	Horizontal	303	1.12	-	27.54	27.43	4.38	-

802.11g_Nss1,(6Mbps)_2TX

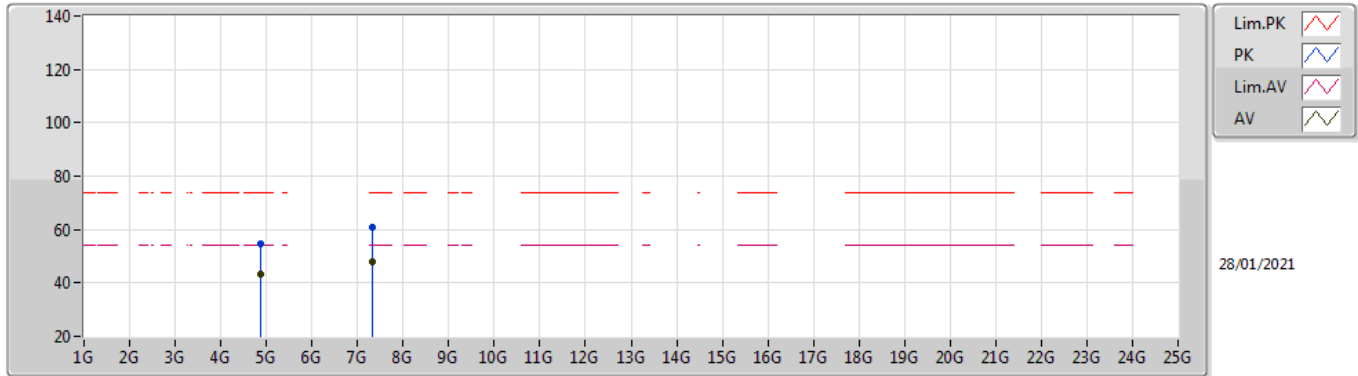
2437MHz_TX



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	4.87248G	47.03	54.00	-6.97	8.46	3	Vertical	87	1.05	-	38.57	31.10	6.57	29.21
AV	7.31168G	53.62	54.00	-0.38	13.76	3	Vertical	100	1.05	-	39.86	36.32	7.60	30.16
PK	4.87704G	59.78	74.00	-14.22	8.47	3	Vertical	87	1.05	-	51.31	31.10	6.58	29.21
PK	7.30584G	65.55	74.00	-8.45	13.75	3	Vertical	100	1.05	-	51.80	36.31	7.60	30.16

802.11g_Nss1,(6Mbps)_2TX

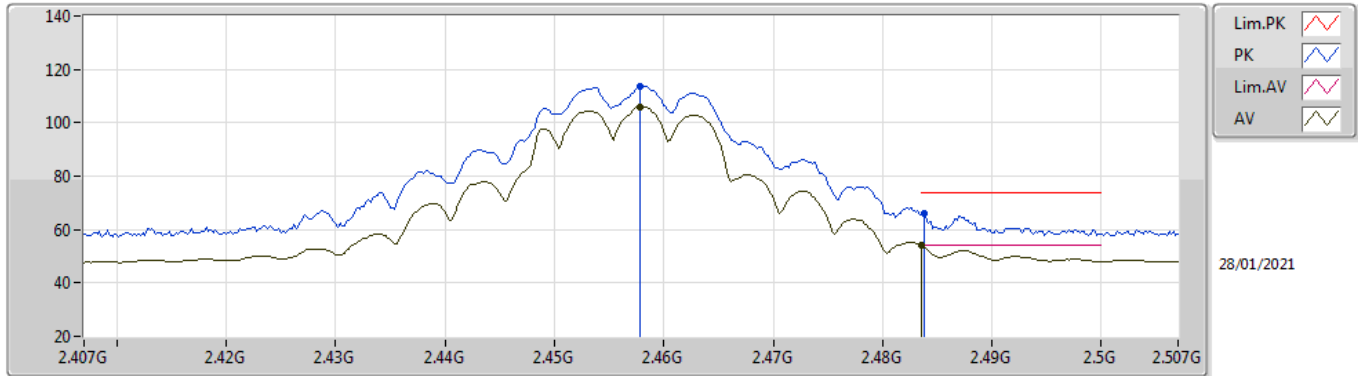
2437MHz_TX



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	4.8738G	43.40	54.00	-10.60	8.46	3	Horizontal	328	2.19	-	34.94	31.10	6.57	29.21
AV	7.31316G	48.17	54.00	-5.83	13.76	3	Horizontal	19	1.00	-	34.41	36.33	7.60	30.17
PK	4.86848G	54.64	74.00	-19.36	8.46	3	Horizontal	328	2.19	-	46.18	31.10	6.57	29.21
PK	7.31316G	61.03	74.00	-12.97	13.76	3	Horizontal	19	1.00	-	47.27	36.33	7.60	30.17

802.11g_Nss1,(6Mbps)_2TX

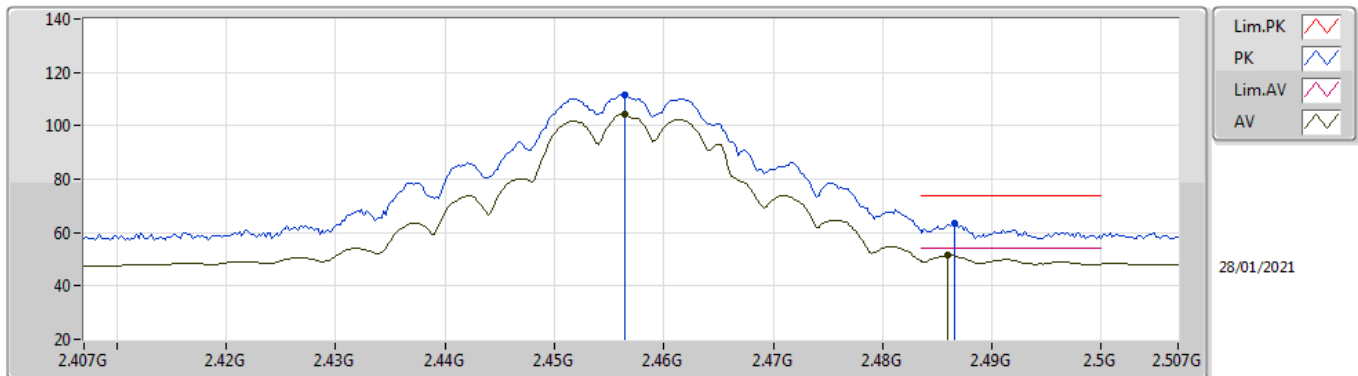
2457MHz_TX



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	2.4578G	106.06	Inf	-Inf	31.84	3	Vertical	354	2.86	-	74.22	27.48	4.36	-
AV	2.4835G	53.90	54.00	-0.10	31.81	3	Vertical	354	2.86	-	22.09	27.43	4.38	-
PK	2.4578G	113.76	Inf	-Inf	31.84	3	Vertical	354	2.86	-	81.92	27.48	4.36	-
PK	2.4838G	66.05	74.00	-7.95	31.81	3	Vertical	354	2.86	-	34.24	27.43	4.38	-

802.11g_Nss1,(6Mbps)_2TX

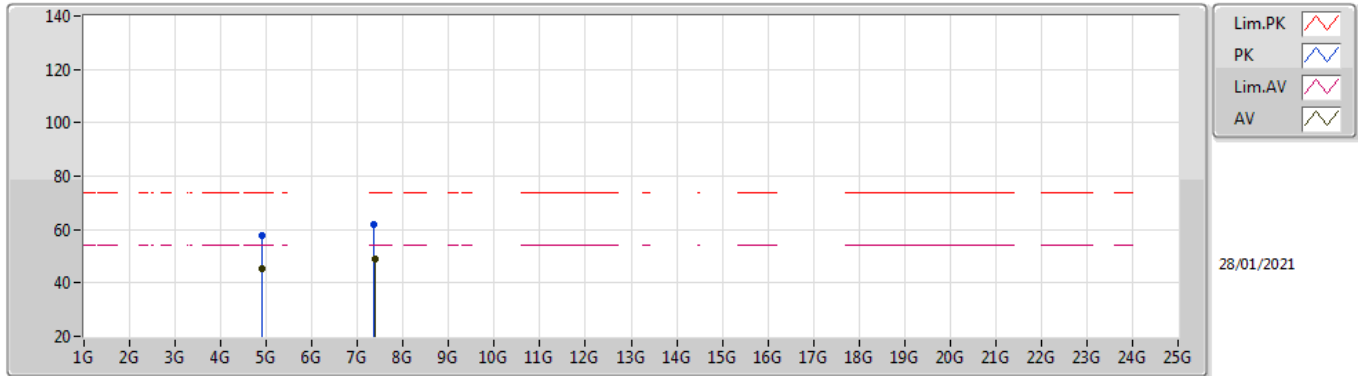
2457MHz_TX



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	2.4564G	104.26	Inf	-Inf	31.85	3	Horizontal	305	1.20	-	72.41	27.49	4.36	-
AV	2.486G	51.46	54.00	-2.54	31.82	3	Horizontal	305	1.20	-	19.64	27.43	4.39	-
PK	2.4564G	111.81	Inf	-Inf	31.85	3	Horizontal	305	1.20	-	79.96	27.49	4.36	-
PK	2.4866G	63.23	74.00	-10.77	31.82	3	Horizontal	305	1.20	-	31.41	27.43	4.39	-

802.11g_Nss1,(6Mbps)_2TX

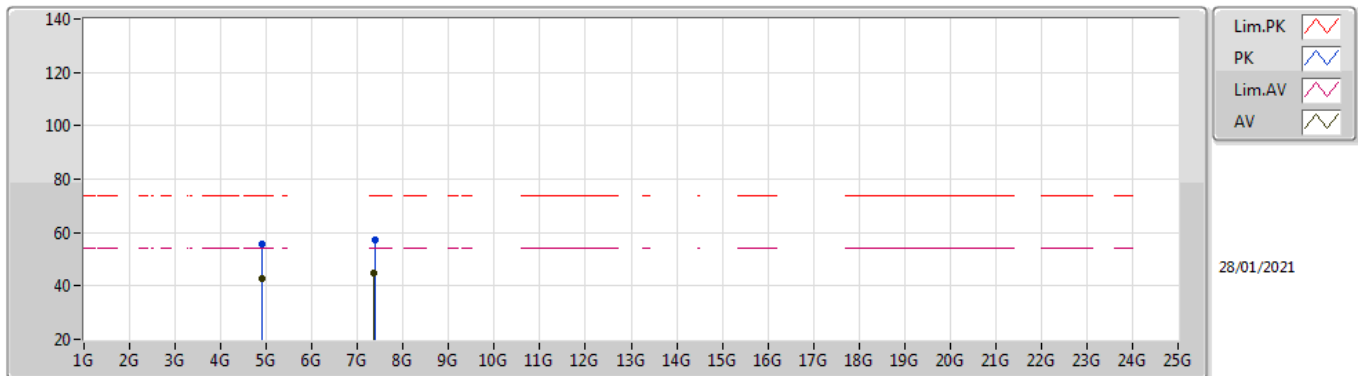
2457MHz_TX



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	4.91256G	45.19	54.00	-8.81	8.54	3	Vertical	85	2.24	-	36.65	31.13	6.61	29.20
AV	7.37112G	48.94	54.00	-5.06	13.62	3	Vertical	86	2.04	-	35.32	36.23	7.60	30.21
PK	4.91704G	57.58	74.00	-16.42	8.55	3	Vertical	85	2.24	-	49.03	31.13	6.62	29.20
PK	7.37064G	61.95	74.00	-12.05	13.62	3	Vertical	86	2.04	-	48.33	36.23	7.60	30.21

802.11g_Nss1,(6Mbps)_2TX

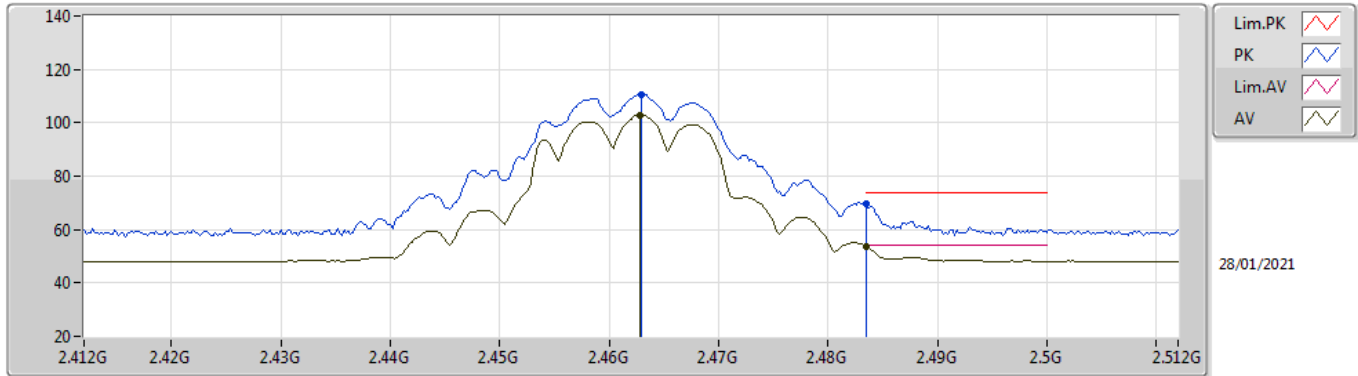
2457MHz_TX



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	4.91572G	42.77	54.00	-11.23	8.55	3	Horizontal	301	2.05	-	34.22	31.13	6.62	29.20
AV	7.3678G	44.95	54.00	-9.05	13.66	3	Horizontal	197	1.94	-	31.29	36.26	7.60	30.20
PK	4.91524G	55.53	74.00	-18.47	8.55	3	Horizontal	301	2.05	-	46.98	31.13	6.62	29.20
PK	7.3732G	57.45	74.00	-16.55	13.60	3	Horizontal	197	1.94	-	43.85	36.21	7.60	30.21

802.11g_Nss1,(6Mbps)_2TX

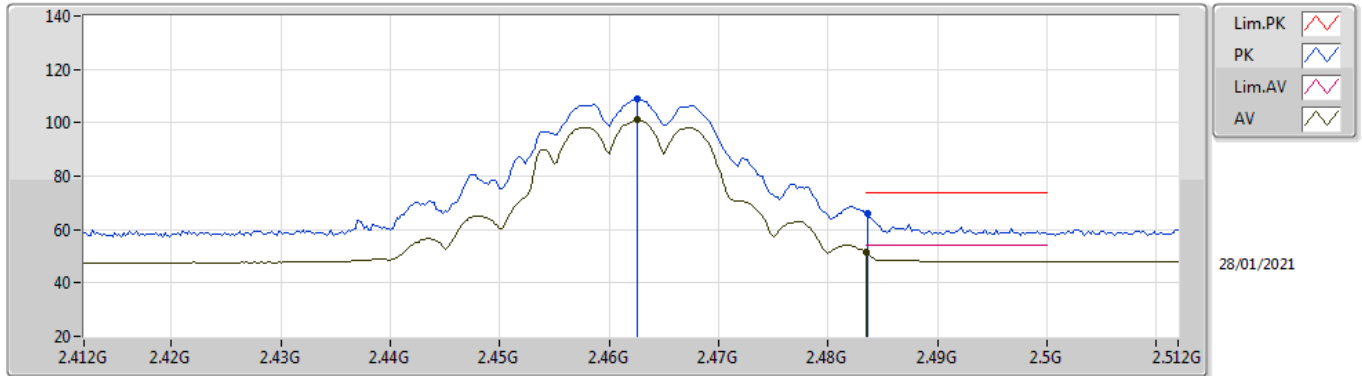
2462MHz_TX



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	2.4628G	102.93	Inf	-Inf	31.83	3	Vertical	349	2.70	-	71.10	27.47	4.36	-
AV	2.4835G	53.81	54.00	-0.19	31.81	3	Vertical	349	2.70	-	22.00	27.43	4.38	-
PK	2.463G	110.77	Inf	-Inf	31.83	3	Vertical	349	2.70	-	78.94	27.47	4.36	-
PK	2.4835G	69.55	74.00	-4.45	31.81	3	Vertical	349	2.70	-	37.74	27.43	4.38	-

802.11g_Nss1,(6Mbps)_2TX

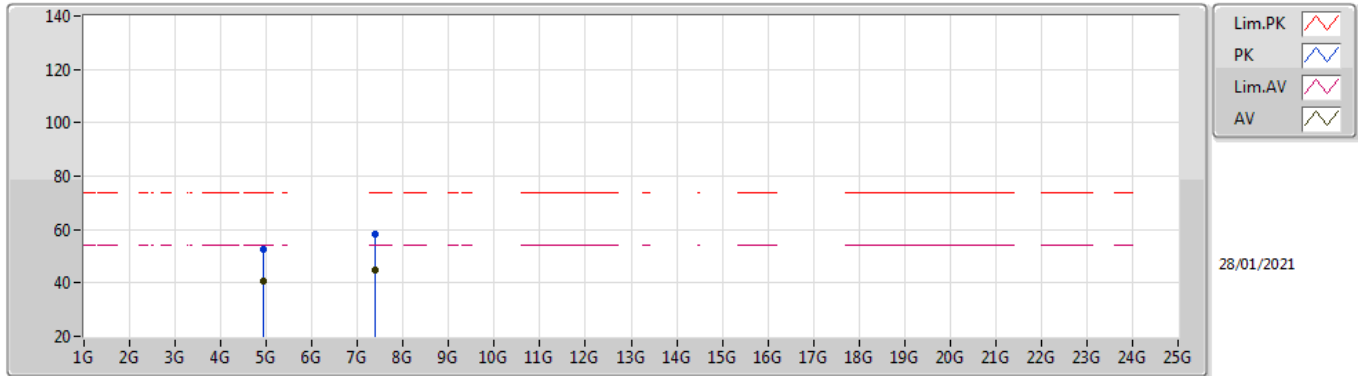
2462MHz_TX



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	101.05	Inf	-Inf	31.83	3	Horizontal	90	2.18	-	69.22	27.47	4.36	-
AV	2.4835G	51.31	54.00	-2.69	31.81	3	Horizontal	90	2.18	-	19.50	27.43	4.38	-
PK	2.4626G	108.75	Inf	-Inf	31.83	3	Horizontal	90	2.18	-	76.92	27.47	4.36	-
PK	2.4836G	66.13	74.00	-7.87	31.81	3	Horizontal	90	2.18	-	34.32	27.43	4.38	-

802.11g_Nss1,(6Mbps)_2TX

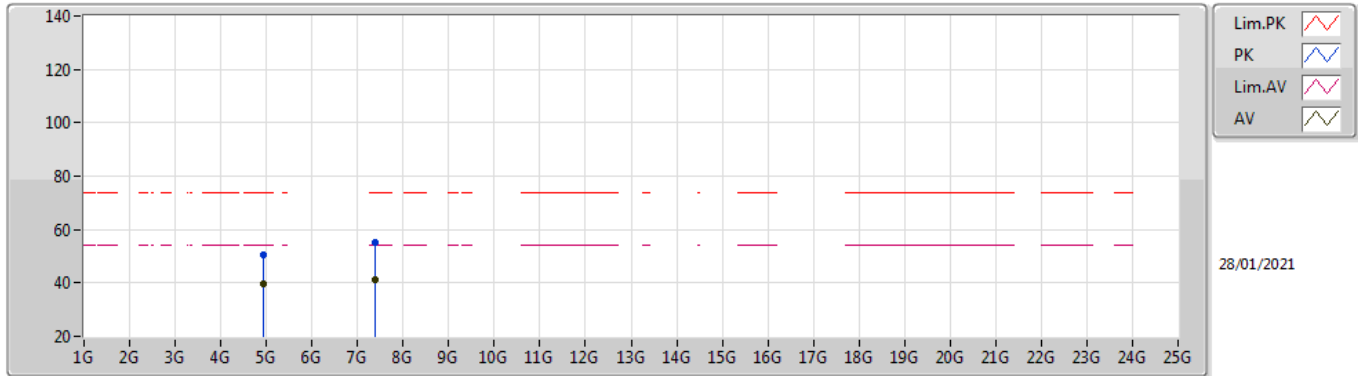
2462MHz_TX



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	4.92392G	40.80	54.00	-13.20	8.58	3	Vertical	332	1.95	-	32.22	31.15	6.62	29.19
AV	7.38352G	44.92	54.00	-9.08	13.51	3	Vertical	94	1.08	-	31.41	36.13	7.60	30.22
PK	4.92388G	52.67	74.00	-21.33	8.58	3	Vertical	332	1.95	-	44.09	31.15	6.62	29.19
PK	7.38416G	58.28	74.00	-15.72	13.51	3	Vertical	94	1.08	-	44.77	36.13	7.60	30.22

802.11g_Nss1,(6Mbps)_2TX

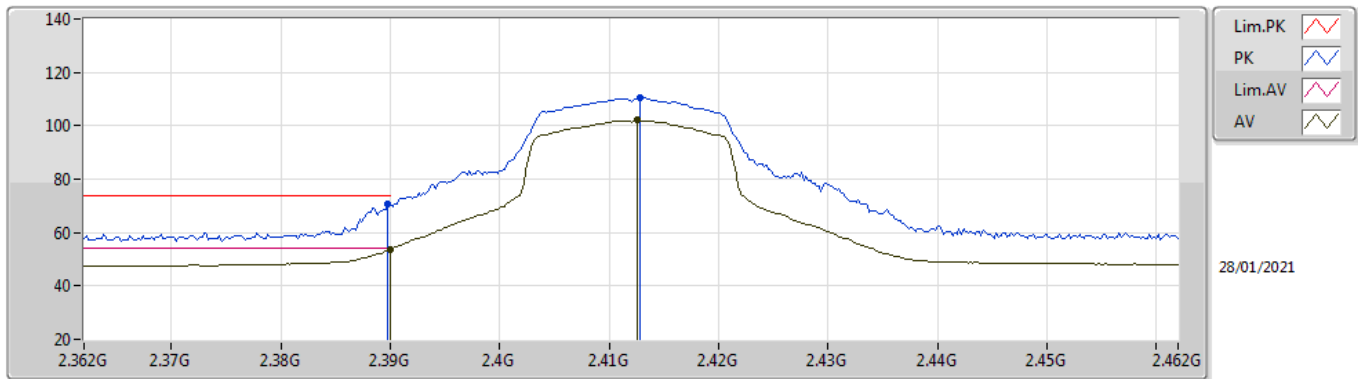
2462MHz_TX



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	4.92392G	39.88	54.00	-14.12	8.58	3	Horizontal	329	1.30	-	31.30	31.15	6.62	29.19
AV	7.38496G	41.06	54.00	-12.94	13.50	3	Horizontal	21	1.98	-	27.56	36.12	7.60	30.22
PK	4.92392G	50.65	74.00	-23.35	8.58	3	Horizontal	329	1.30	-	42.07	31.15	6.62	29.19
PK	7.3852G	55.16	74.00	-18.84	13.50	3	Horizontal	21	1.98	-	41.66	36.12	7.60	30.22

VHT20_Nss1,(MCS0)_2TX

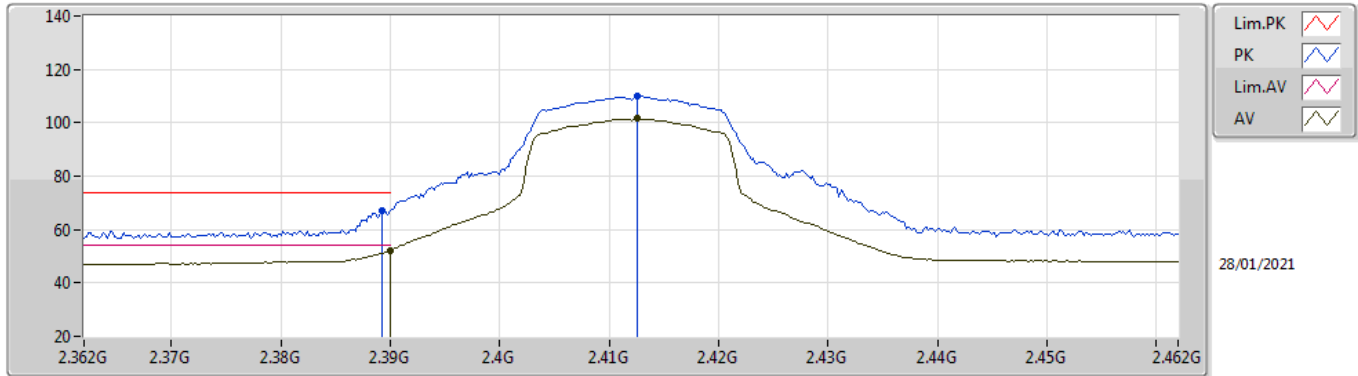
2412MHz_TX



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	53.65	54.00	-0.35	31.91	3	Vertical	220	2.16	-	21.74	27.62	4.29	-
AV	2.4126G	102.10	Inf	-Inf	31.88	3	Vertical	220	2.16	-	70.22	27.57	4.31	-
PK	2.3898G	70.55	74.00	-3.45	31.91	3	Vertical	220	2.16	-	38.64	27.62	4.29	-
PK	2.4128G	110.42	Inf	-Inf	31.88	3	Vertical	220	2.16	-	78.54	27.57	4.31	-

VHT20_Nss1,(MCS0)_2TX

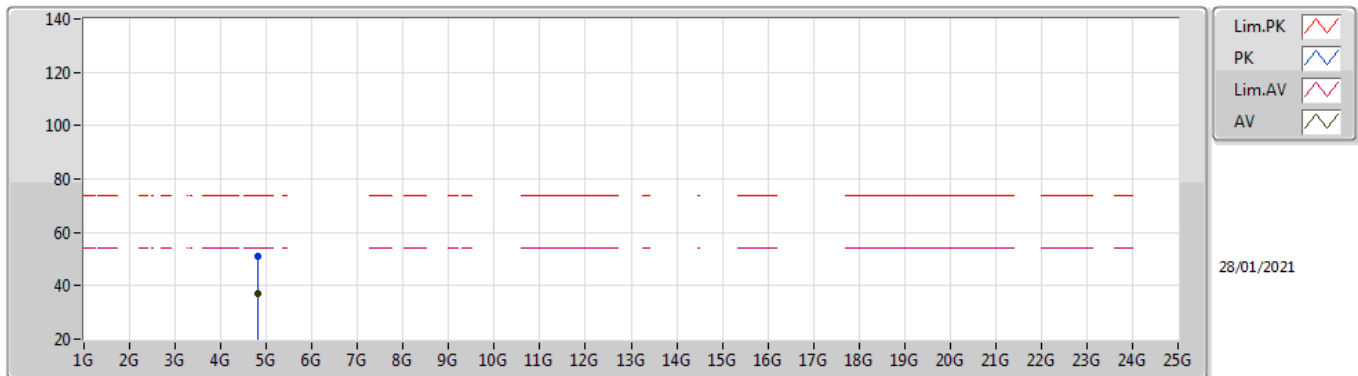
2412MHz_TX



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	52.31	54.00	-1.69	31.91	3	Horizontal	302	1.54	-	20.40	27.62	4.29	-
AV	2.4126G	101.55	Inf	-Inf	31.88	3	Horizontal	302	1.54	-	69.67	27.57	4.31	-
PK	2.3892G	67.19	74.00	-6.81	31.91	3	Horizontal	302	1.54	-	35.28	27.62	4.29	-
PK	2.4126G	110.07	Inf	-Inf	31.88	3	Horizontal	302	1.54	-	78.19	27.57	4.31	-

VHT20_Nss1,(MCS0)_2TX

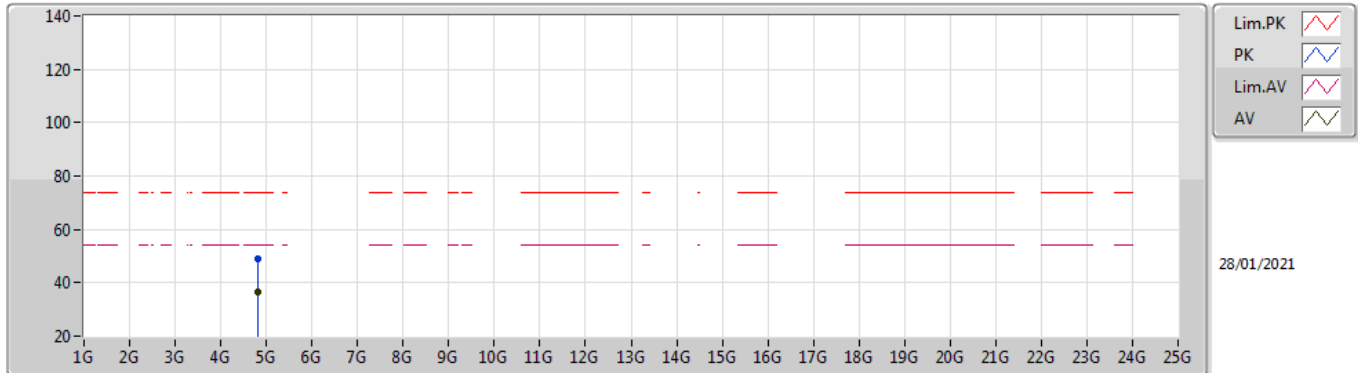
2412MHz_TX



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	4.82376G	36.90	54.00	-17.10	8.39	3	Vertical	331	1.79	-	28.51	31.10	6.52	29.23
PK	4.82312G	51.01	74.00	-22.99	8.39	3	Vertical	331	1.79	-	42.62	31.10	6.52	29.23

VHT20_Nss1,(MCS0)_2TX

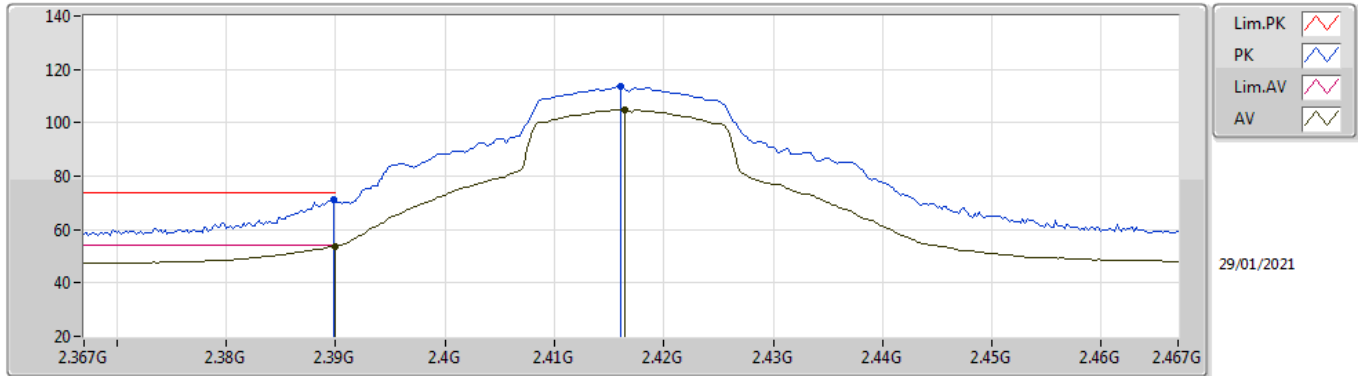
2412MHz_TX



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	4.82296G	36.30	54.00	-17.70	8.39	3	Horizontal	330	1.06	-	27.91	31.10	6.52	29.23
PK	4.81748G	48.98	74.00	-25.02	8.39	3	Horizontal	330	1.06	-	40.59	31.10	6.52	29.23

VHT20_Nss1,(MCS0)_2TX

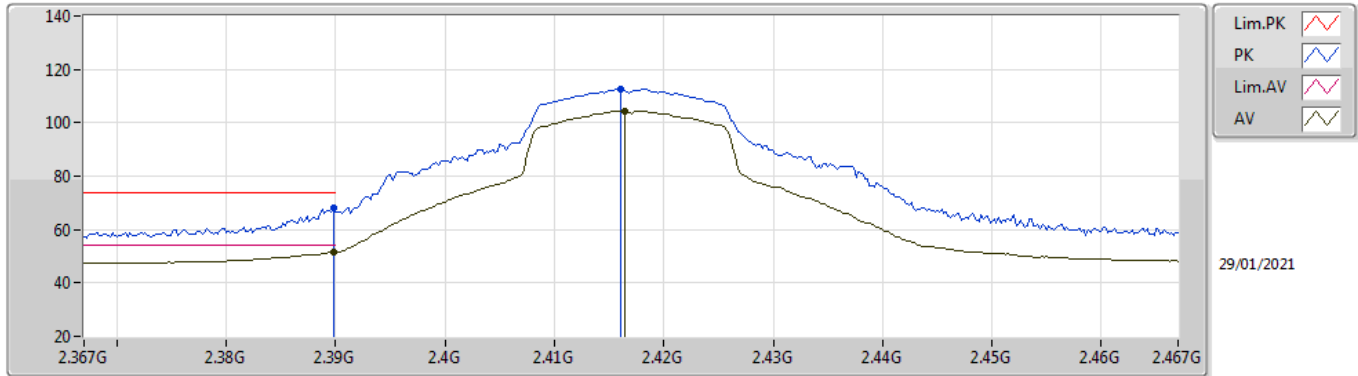
2417MHz_TX



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	31.91	3	Vertical	231	3.00	-	21.83	27.62	4.29	-
AV	2.4164G	104.96	Inf	-Inf	31.89	3	Vertical	231	3.00	-	73.07	27.57	4.32	-
PK	2.3898G	71.14	74.00	-2.86	31.91	3	Vertical	231	3.00	-	39.23	27.62	4.29	-
PK	2.416G	113.48	Inf	-Inf	31.89	3	Vertical	231	3.00	-	81.59	27.57	4.32	-

VHT20_Nss1,(MCS0)_2TX

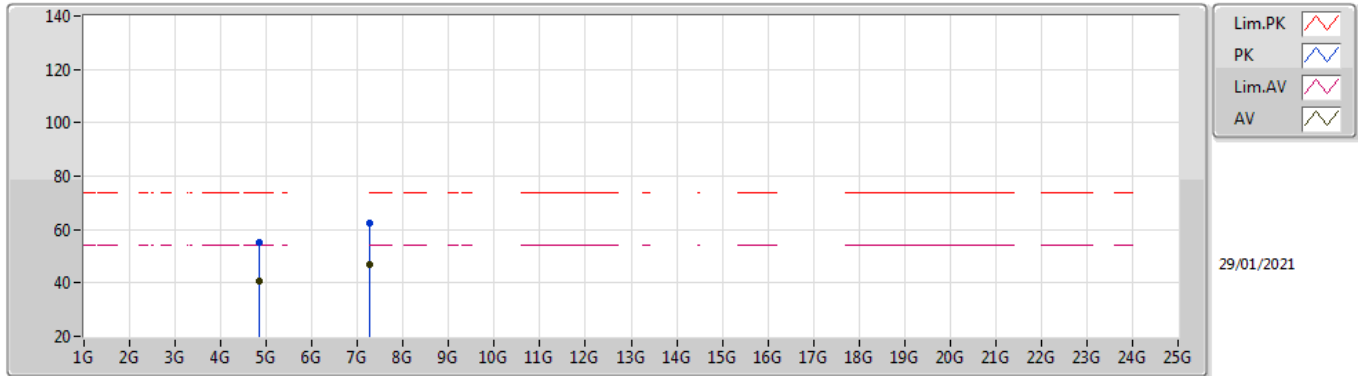
2417MHz_TX



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	2.3898G	51.59	54.00	-2.41	31.91	3	Horizontal	306	1.00	-	19.68	27.62	4.29	-
AV	2.4164G	104.44	Inf	-Inf	31.89	3	Horizontal	306	1.00	-	72.55	27.57	4.32	-
PK	2.3898G	67.86	74.00	-6.14	31.91	3	Horizontal	306	1.00	-	35.95	27.62	4.29	-
PK	2.416G	112.65	Inf	-Inf	31.89	3	Horizontal	306	1.00	-	80.76	27.57	4.32	-

VHT20_Nss1,(MCS0)_2TX

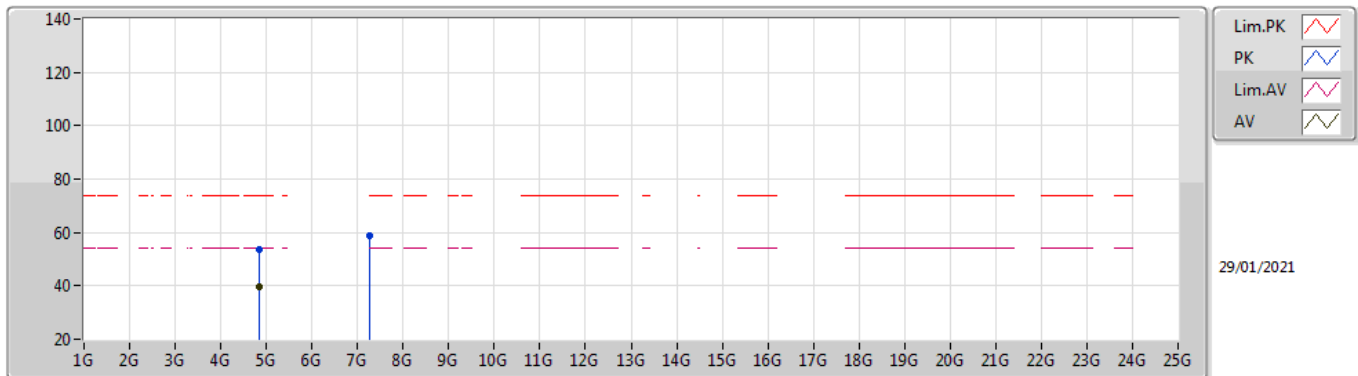
2417MHz_TX



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	4.83388G	40.85	54.00	-13.15	8.41	3	Vertical	335	1.20	-	32.44	31.10	6.53	29.22
AV	7.2552G	46.89	54.00	-7.11	13.78	3	Vertical	103	2.09	-	33.11	36.30	7.60	30.12
PK	4.83292G	55.00	74.00	-19.00	8.41	3	Vertical	335	1.20	-	46.59	31.10	6.53	29.22
PK	7.25736G	62.29	74.00	-11.71	13.77	3	Vertical	103	2.09	-	48.52	36.30	7.60	30.13

VHT20_Nss1,(MCS0)_2TX

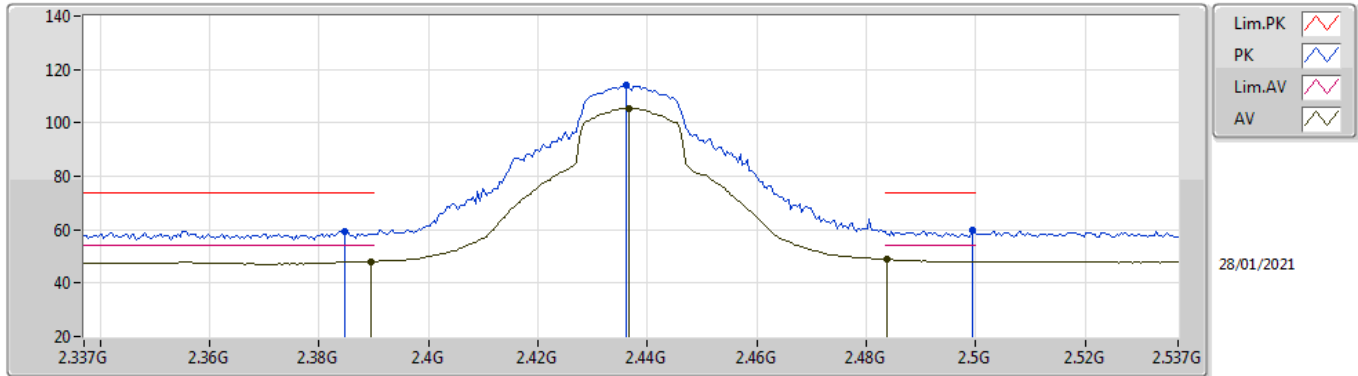
2417MHz_TX



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	4.8374G	39.61	54.00	-14.39	8.42	3	Horizontal	331	1.03	-	31.19	31.10	6.54	29.22
PK	4.83324G	53.47	74.00	-20.53	8.41	3	Horizontal	331	1.03	-	45.06	31.10	6.53	29.22
PK	7.25216G	58.73	74.00	-15.27	13.78	3	Horizontal	199	1.41	-	44.95	36.30	7.60	30.12

VHT20_Nss1,(MCS0)_2TX

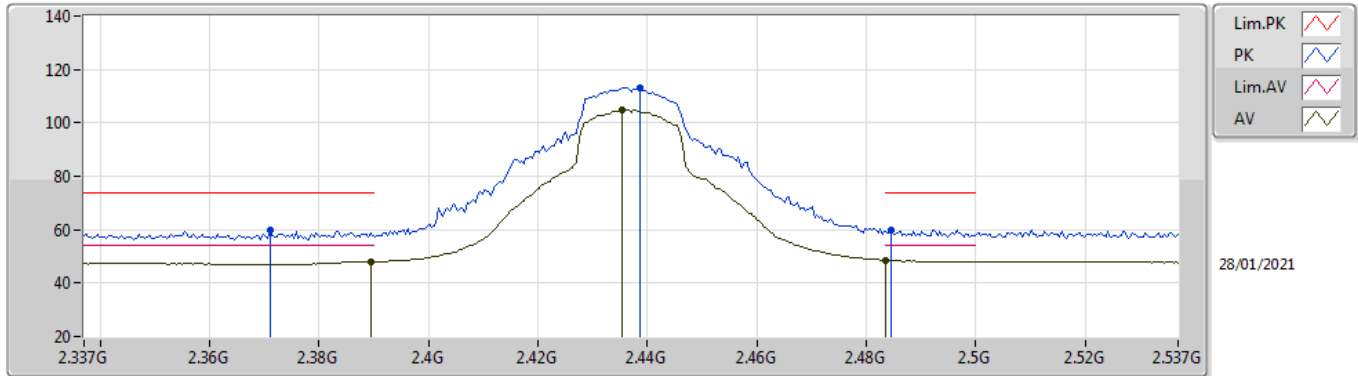
2437MHz_TX



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	2.3894G	48.03	54.00	-5.97	31.91	3	Vertical	229	2.59	-	16.12	27.62	4.29	-
AV	2.4366G	105.53	Inf	-Inf	31.87	3	Vertical	229	2.59	-	73.66	27.53	4.34	-
AV	2.4838G	48.88	54.00	-5.12	31.81	3	Vertical	229	2.59	-	17.07	27.43	4.38	-
PK	2.3846G	59.36	74.00	-14.64	31.91	3	Vertical	229	2.59	-	27.45	27.63	4.28	-
PK	2.4362G	114.28	Inf	-Inf	31.87	3	Vertical	229	2.59	-	82.41	27.53	4.34	-
PK	2.4994G	59.57	74.00	-14.43	31.80	3	Vertical	229	2.59	-	27.77	27.40	4.40	-

VHT20_Nss1,(MCS0)_2TX

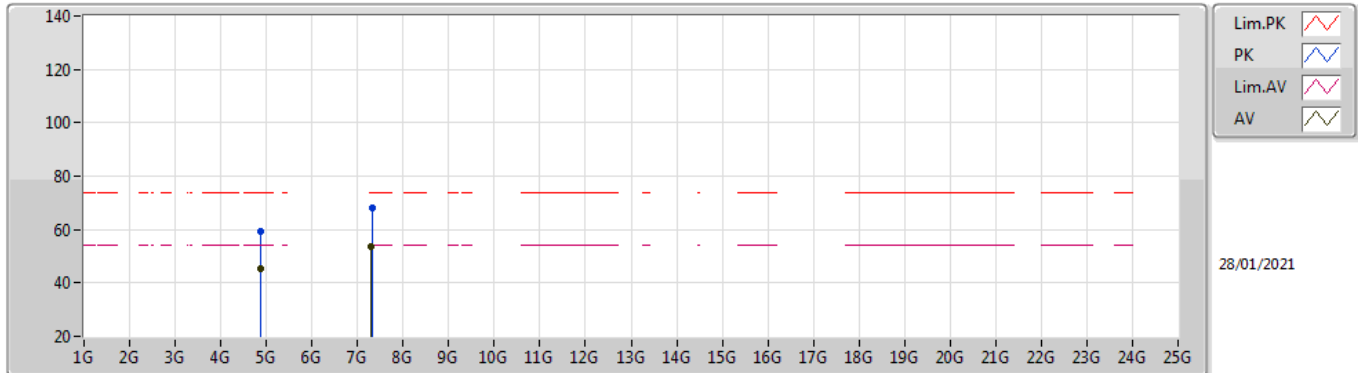
2437MHz_TX



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	2.3894G	48.03	54.00	-5.97	31.91	3	Horizontal	303	1.11	-	16.12	27.62	4.29	-
AV	2.4354G	104.77	Inf	-Inf	31.87	3	Horizontal	303	1.11	-	72.90	27.53	4.34	-
AV	2.4835G	48.62	54.00	-5.38	31.81	3	Horizontal	303	1.11	-	16.81	27.43	4.38	-
PK	2.371G	59.61	74.00	-14.39	31.93	3	Horizontal	303	1.11	-	27.68	27.66	4.27	-
PK	2.4386G	113.10	Inf	-Inf	31.86	3	Horizontal	303	1.11	-	81.24	27.52	4.34	-
PK	2.4846G	59.79	74.00	-14.21	31.81	3	Horizontal	303	1.11	-	27.98	27.43	4.38	-

VHT20_Nss1,(MCS0)_2TX

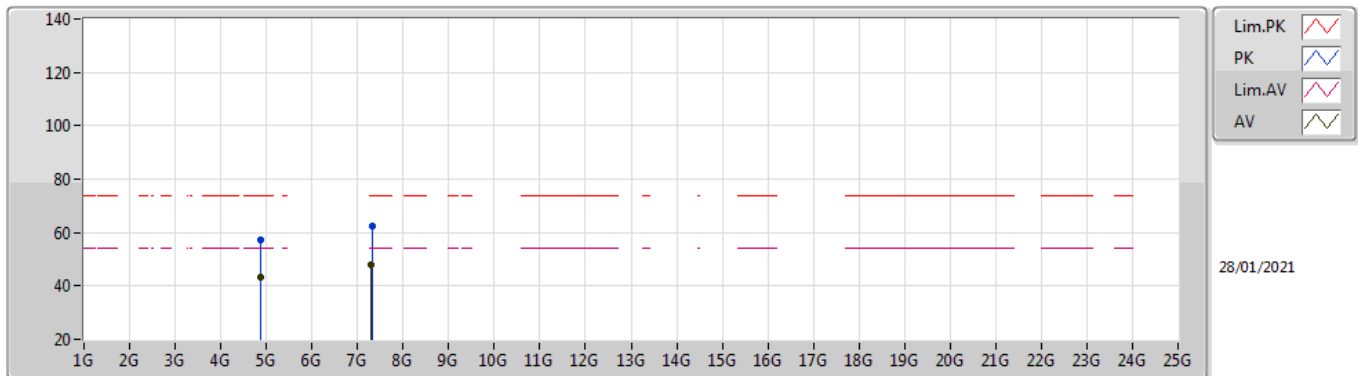
2437MHz_TX



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	4.87376G	45.24	54.00	-8.76	8.46	3	Vertical	330	1.86	-	36.78	31.10	6.57	29.21
AV	7.30908G	53.87	54.00	-0.13	13.76	3	Vertical	84	1.95	-	40.11	36.32	7.60	30.16
PK	4.87336G	59.28	74.00	-14.72	8.46	3	Vertical	330	1.86	-	50.82	31.10	6.57	29.21
PK	7.31756G	68.26	74.00	-5.74	13.77	3	Vertical	84	1.95	-	54.49	36.34	7.60	30.17

VHT20_Nss1,(MCS0)_2TX

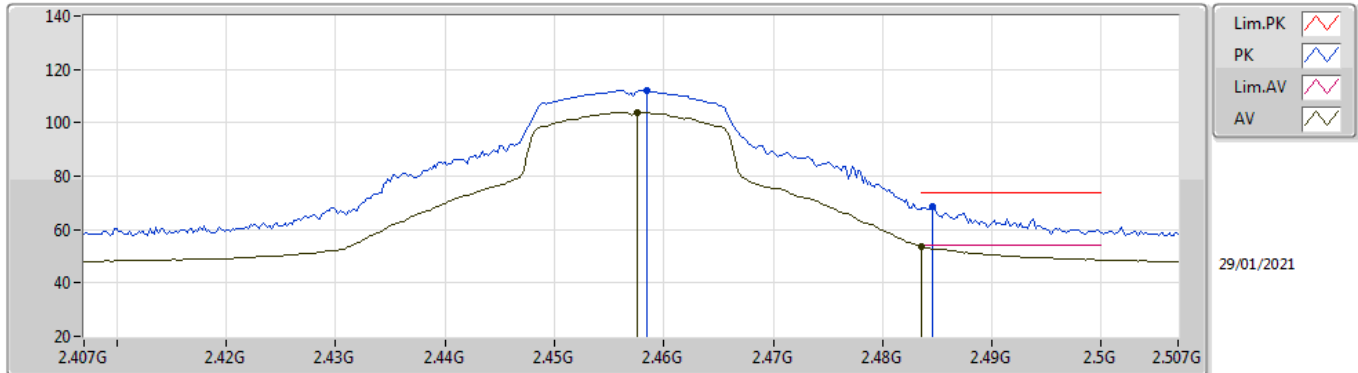
2437MHz_TX



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	4.87392G	43.22	54.00	-10.78	8.46	3	Horizontal	328	2.19	-	34.76	31.10	6.57	29.21
AV	7.309G	47.78	54.00	-6.22	13.76	3	Horizontal	186	1.00	-	34.02	36.32	7.60	30.16
PK	4.87328G	57.04	74.00	-16.96	8.46	3	Horizontal	328	2.19	-	48.58	31.10	6.57	29.21
PK	7.31756G	62.29	74.00	-11.71	13.77	3	Horizontal	186	1.00	-	48.52	36.34	7.60	30.17

VHT20_Nss1,(MCS0)_2TX

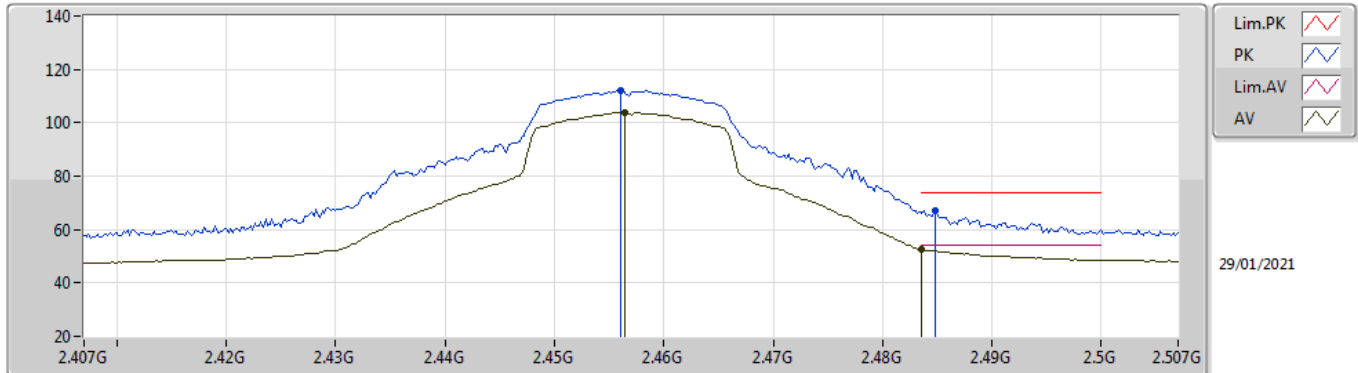
2457MHz_TX



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	103.93	Inf	-Inf	31.84	3	Vertical	0	2.58	-	72.09	27.48	4.36	-
AV	2.4835G	53.76	54.00	-0.24	31.81	3	Vertical	0	2.58	-	21.95	27.43	4.38	-
PK	2.4584G	112.11	Inf	-Inf	31.84	3	Vertical	0	2.58	-	80.27	27.48	4.36	-
PK	2.4846G	68.48	74.00	-5.52	31.81	3	Vertical	0	2.58	-	36.67	27.43	4.38	-

VHT20_Nss1,(MCS0)_2TX

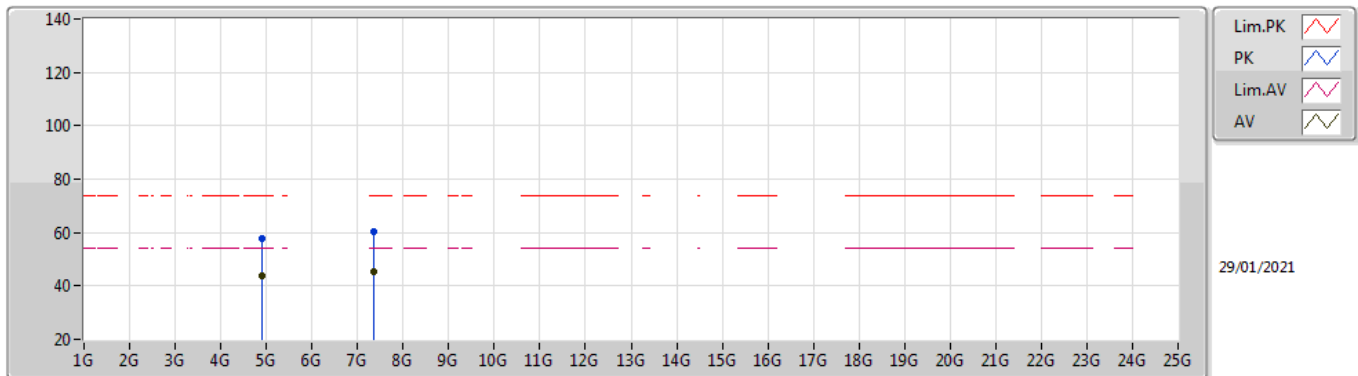
2457MHz_TX



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	2.4564G	103.75	Inf	-Inf	31.85	3	Horizontal	303	1.19	-	71.90	27.49	4.36	-
AV	2.4835G	52.51	54.00	-1.49	31.81	3	Horizontal	303	1.19	-	20.70	27.43	4.38	-
PK	2.456G	112.23	Inf	-Inf	31.85	3	Horizontal	303	1.19	-	80.38	27.49	4.36	-
PK	2.4848G	66.98	74.00	-7.02	31.81	3	Horizontal	303	1.19	-	35.17	27.43	4.38	-

VHT20_Nss1,(MCS0)_2TX

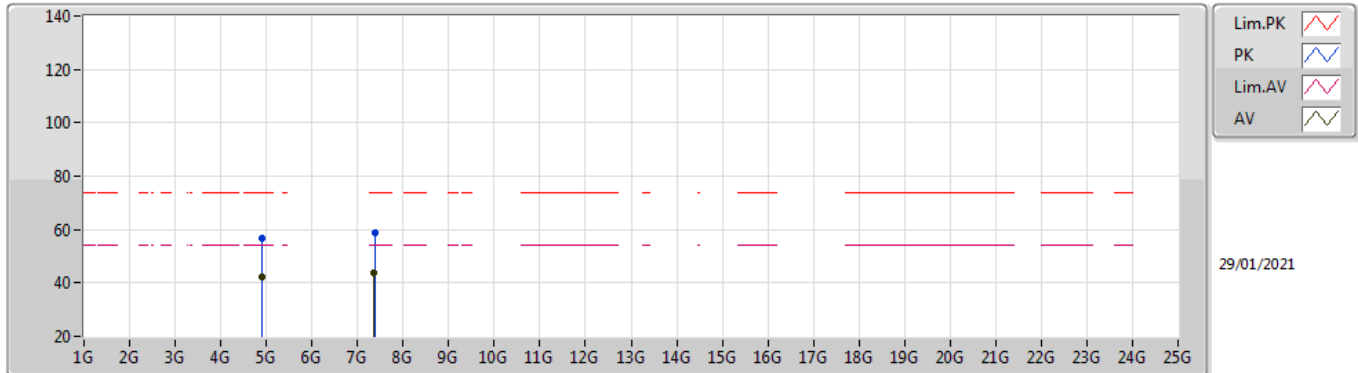
2457MHz_TX



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	4.91392G	43.67	54.00	-10.33	8.54	3	Vertical	335	1.06	-	35.13	31.13	6.61	29.20
AV	7.36912G	45.60	54.00	-8.40	13.64	3	Vertical	194	2.01	-	31.96	36.25	7.60	30.21
PK	4.91312G	57.68	74.00	-16.32	8.54	3	Vertical	335	1.06	-	49.14	31.13	6.61	29.20
PK	7.36704G	60.47	74.00	-13.53	13.66	3	Vertical	194	2.01	-	46.81	36.26	7.60	30.20

VHT20_Nss1,(MCS0)_2TX

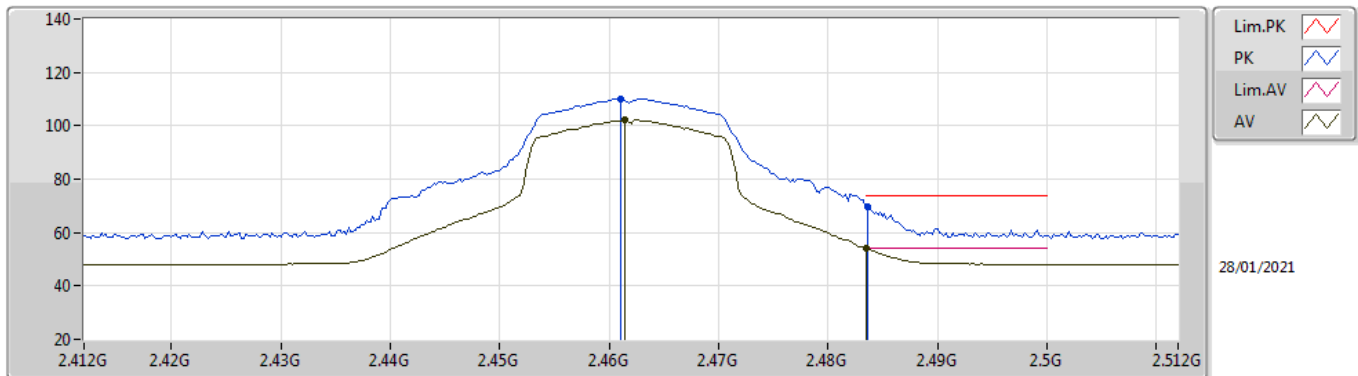
2457MHz_TX



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	4.91376G	42.14	54.00	-11.86	8.54	3	Horizontal	330	1.15	-	33.60	31.13	6.61	29.20
AV	7.36896G	43.93	54.00	-10.07	13.64	3	Horizontal	199	1.50	-	30.29	36.25	7.60	30.21
PK	4.91324G	56.60	74.00	-17.40	8.54	3	Horizontal	330	1.15	-	48.06	31.13	6.61	29.20
PK	7.37768G	58.68	74.00	-15.32	13.57	3	Horizontal	199	1.50	-	45.11	36.18	7.60	30.21

VHT20_Nss1,(MCS0)_2TX

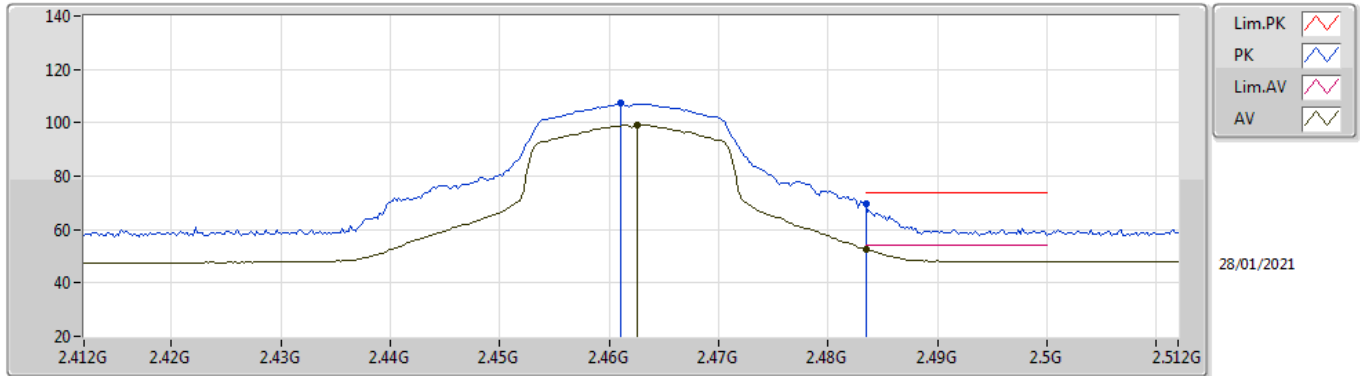
2462MHz_TX



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	2.4614G	102.08	Inf	-Inf	31.84	3	Vertical	228	2.84	-	70.24	27.48	4.36	-
AV	2.4835G	53.95	54.00	-0.05	31.81	3	Vertical	228	2.84	-	22.14	27.43	4.38	-
PK	2.461G	110.15	Inf	-Inf	31.84	3	Vertical	228	2.84	-	78.31	27.48	4.36	-
PK	2.4836G	69.74	74.00	-4.26	31.81	3	Vertical	228	2.84	-	37.93	27.43	4.38	-

VHT20_Nss1,(MCS0)_2TX

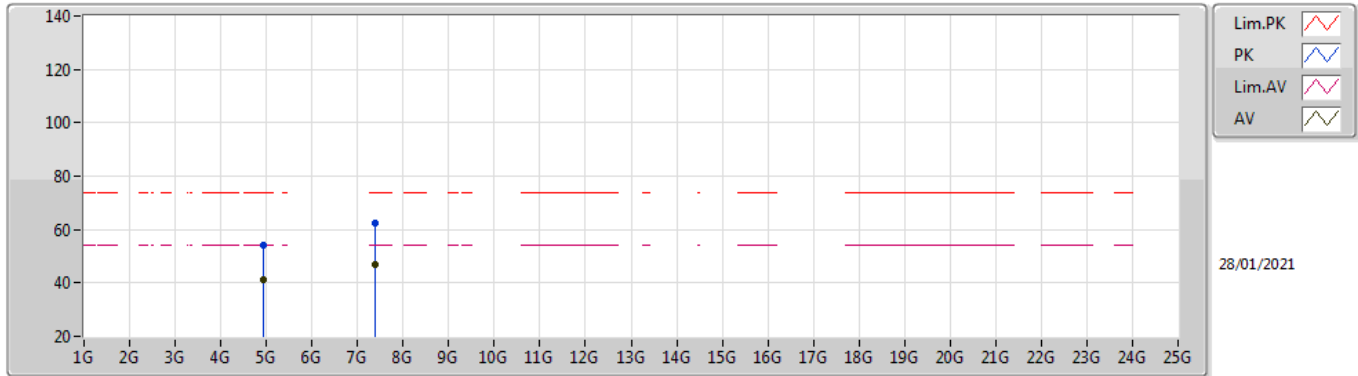
2462MHz_TX



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	2.4626G	99.20	Inf	-Inf	31.83	3	Horizontal	284	1.07	-	67.37	27.47	4.36	-
AV	2.4835G	52.56	54.00	-1.44	31.81	3	Horizontal	284	1.07	-	20.75	27.43	4.38	-
PK	2.461G	107.18	Inf	-Inf	31.84	3	Horizontal	284	1.07	-	75.34	27.48	4.36	-
PK	2.4835G	69.50	74.00	-4.50	31.81	3	Horizontal	284	1.07	-	37.69	27.43	4.38	-

VHT20_Nss1,(MCS0)_2TX

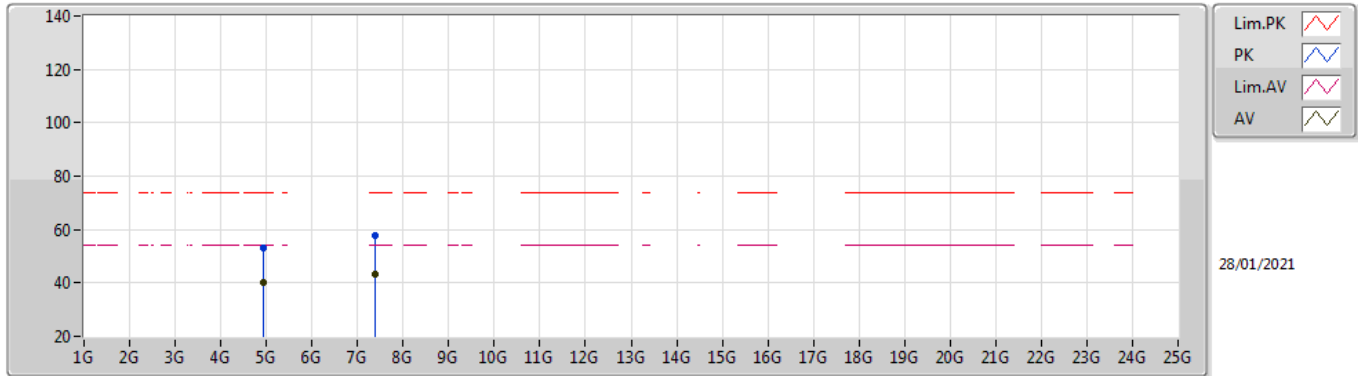
2462MHz_TX



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	4.924G	41.13	54.00	-12.87	8.58	3	Vertical	331	1.82	-	32.55	31.15	6.62	29.19
AV	7.38648G	46.79	54.00	-7.21	13.49	3	Vertical	85	2.04	-	33.30	36.11	7.60	30.22
PK	4.92388G	54.04	74.00	-19.96	8.58	3	Vertical	331	1.82	-	45.46	31.15	6.62	29.19
PK	7.38412G	62.51	74.00	-11.49	13.51	3	Vertical	85	2.04	-	49.00	36.13	7.60	30.22

VHT20_Nss1,(MCS0)_2TX

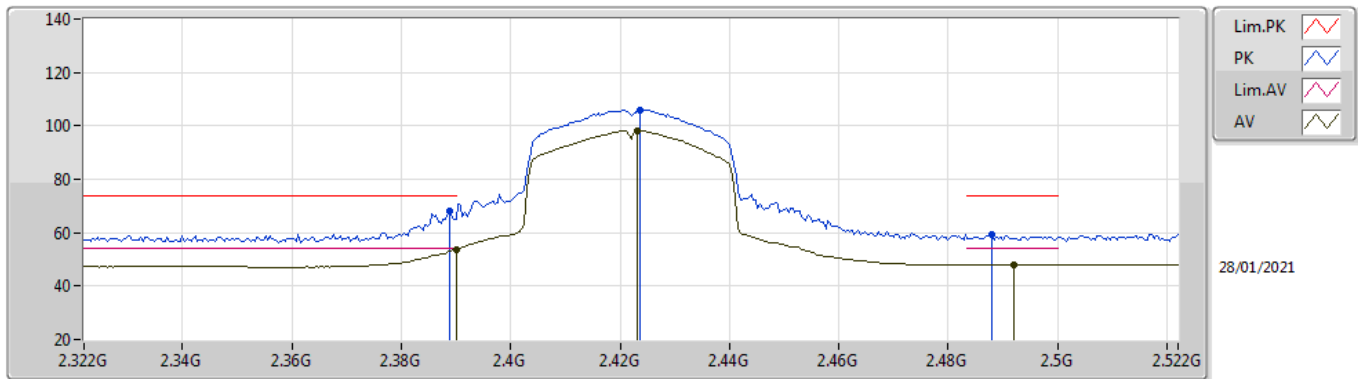
2462MHz_TX



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	4.92396G	40.25	54.00	-13.75	8.58	3	Horizontal	327	1.30	-	31.67	31.15	6.62	29.19
AV	7.38644G	43.10	54.00	-10.90	13.49	3	Horizontal	282	1.04	-	29.61	36.11	7.60	30.22
PK	4.92392G	53.05	74.00	-20.95	8.58	3	Horizontal	327	1.30	-	44.47	31.15	6.62	29.19
PK	7.38428G	57.91	74.00	-16.09	13.51	3	Horizontal	282	1.04	-	44.40	36.13	7.60	30.22

VHT40_Nss1,(MCS0)_2TX

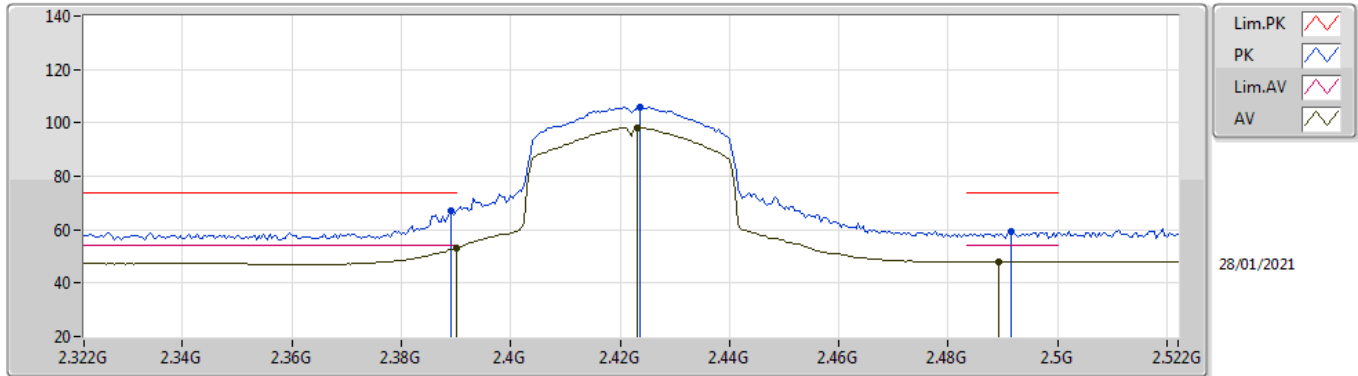
2422MHz_TX



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	53.51	54.00	-0.49	31.91	3	Vertical	231	2.39	-	21.60	27.62	4.29	-
AV	2.4232G	98.14	Inf	-Inf	31.87	3	Vertical	231	2.39	-	66.27	27.55	4.32	-
AV	2.492G	47.80	54.00	-6.20	31.81	3	Vertical	231	2.39	-	15.99	27.42	4.39	-
PK	2.3888G	68.29	74.00	-5.71	31.91	3	Vertical	231	2.39	-	36.38	27.62	4.29	-
PK	2.4236G	106.03	Inf	-Inf	31.87	3	Vertical	231	2.39	-	74.16	27.55	4.32	-
PK	2.488G	59.50	74.00	-14.50	31.81	3	Vertical	231	2.39	-	27.69	27.42	4.39	-

VHT40_Nss1,(MCS0)_2TX

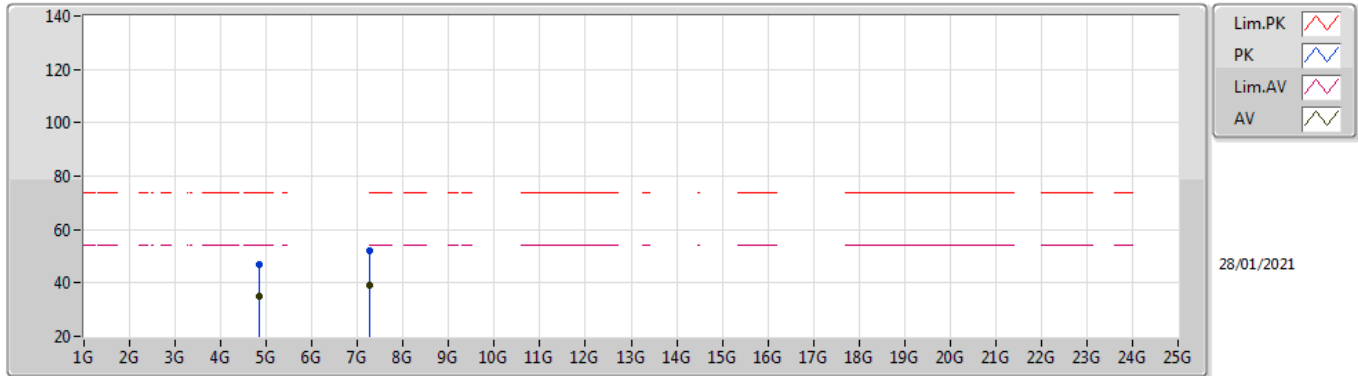
2422MHz_TX



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	53.08	54.00	-0.92	31.91	3	Horizontal	302	1.26	-	21.17	27.62	4.29	-
AV	2.4232G	98.13	Inf	-Inf	31.87	3	Horizontal	302	1.26	-	66.26	27.55	4.32	-
AV	2.4892G	48.08	54.00	-5.92	31.81	3	Horizontal	302	1.26	-	16.27	27.42	4.39	-
PK	2.3892G	67.13	74.00	-6.87	31.91	3	Horizontal	302	1.26	-	35.22	27.62	4.29	-
PK	2.4236G	105.99	Inf	-Inf	31.87	3	Horizontal	302	1.26	-	74.12	27.55	4.32	-
PK	2.4916G	59.28	74.00	-14.72	31.81	3	Horizontal	302	1.26	-	27.47	27.42	4.39	-

VHT40_Nss1,(MCS0)_2TX

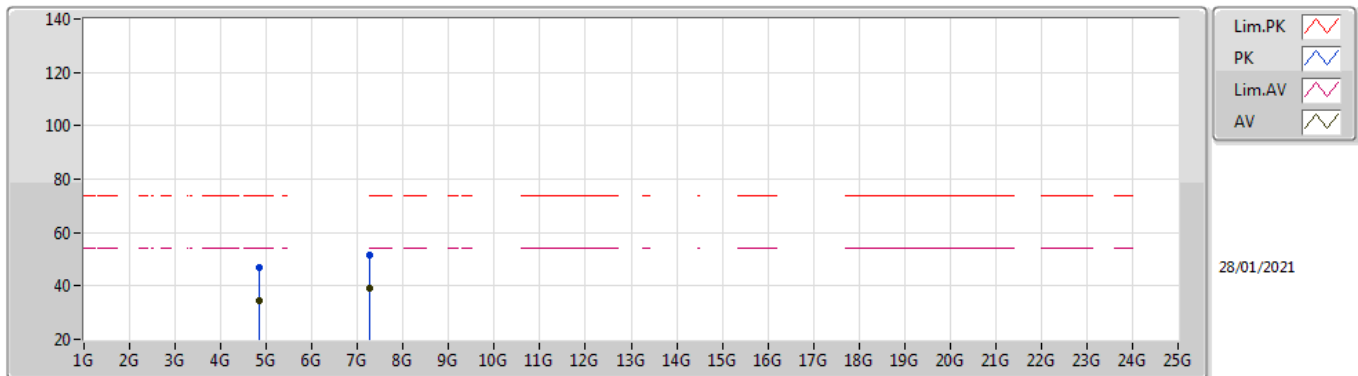
2422MHz_TX



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	4.84392G	34.78	54.00	-19.22	8.42	3	Vertical	204	1.45	-	26.36	31.10	6.54	29.22
AV	7.26072G	39.00	54.00	-15.00	13.77	3	Vertical	327	1.73	-	25.23	36.30	7.60	30.13
PK	4.8456G	46.84	74.00	-27.16	8.43	3	Vertical	204	1.45	-	38.41	31.10	6.55	29.22
PK	7.27016G	52.10	74.00	-21.90	13.77	3	Vertical	327	1.73	-	38.33	36.30	7.60	30.13

VHT40_Nss1,(MCS0)_2TX

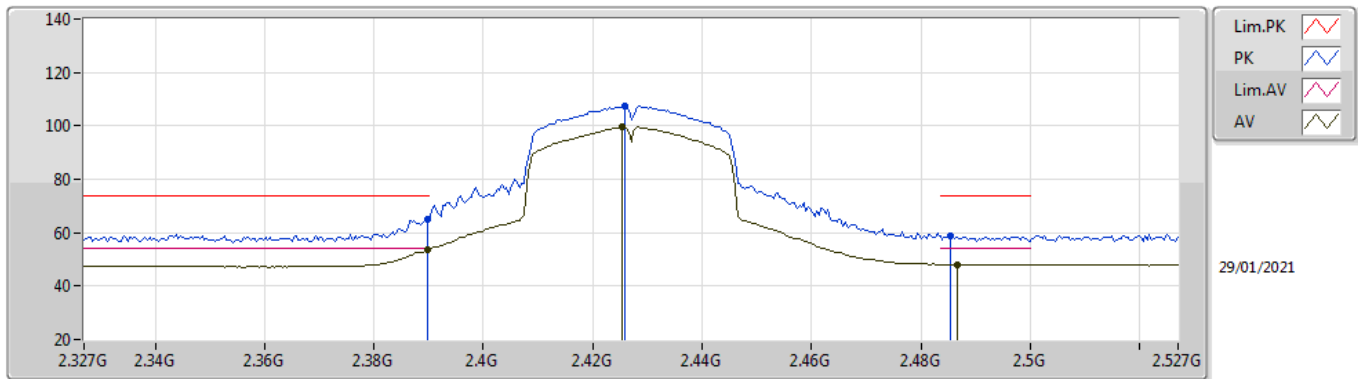
2422MHz_TX



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	4.84376G	34.53	54.00	-19.47	8.42	3	Horizontal	147	2.38	-	26.11	31.10	6.54	29.22
AV	7.26464G	39.09	54.00	-14.91	13.77	3	Horizontal	319	1.32	-	25.32	36.30	7.60	30.13
PK	4.85056G	46.78	74.00	-27.22	8.43	3	Horizontal	147	2.38	-	38.35	31.10	6.55	29.22
PK	7.25072G	51.42	74.00	-22.58	13.78	3	Horizontal	319	1.32	-	37.64	36.30	7.60	30.12

VHT40_Nss1,(MCS0)_2TX

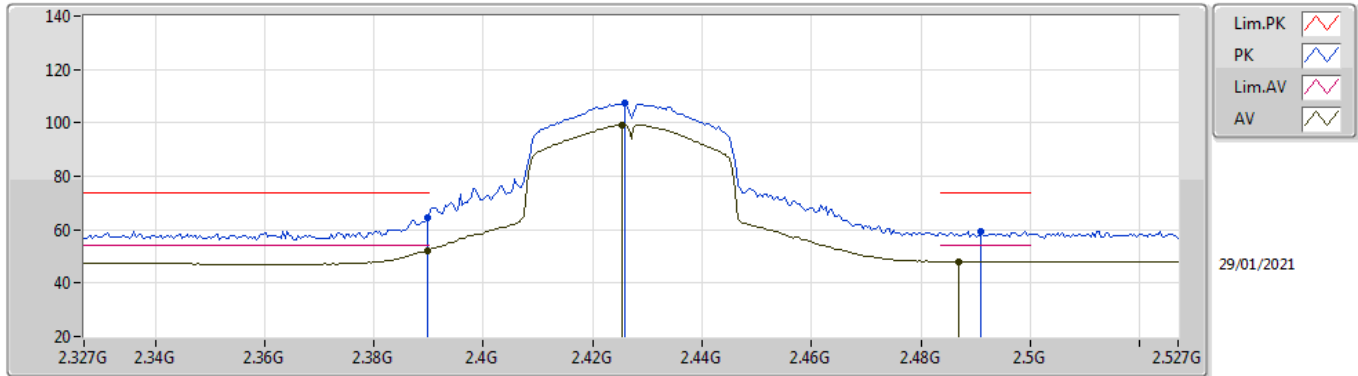
2427MHz_TX



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	53.46	54.00	-0.54	31.91	3	Vertical	229	2.65	-	21.55	27.62	4.29	-
AV	2.4254G	99.46	Inf	-Inf	31.88	3	Vertical	229	2.65	-	67.58	27.55	4.33	-
AV	2.4866G	48.04	54.00	-5.96	31.82	3	Vertical	229	2.65	-	16.22	27.43	4.39	-
PK	2.3898G	65.00	74.00	-9.00	31.91	3	Vertical	229	2.65	-	33.09	27.62	4.29	-
PK	2.4258G	107.34	Inf	-Inf	31.88	3	Vertical	229	2.65	-	75.46	27.55	4.33	-
PK	2.4854G	59.00	74.00	-15.00	31.82	3	Vertical	229	2.65	-	27.18	27.43	4.39	-

VHT40_Nss1,(MCS0)_2TX

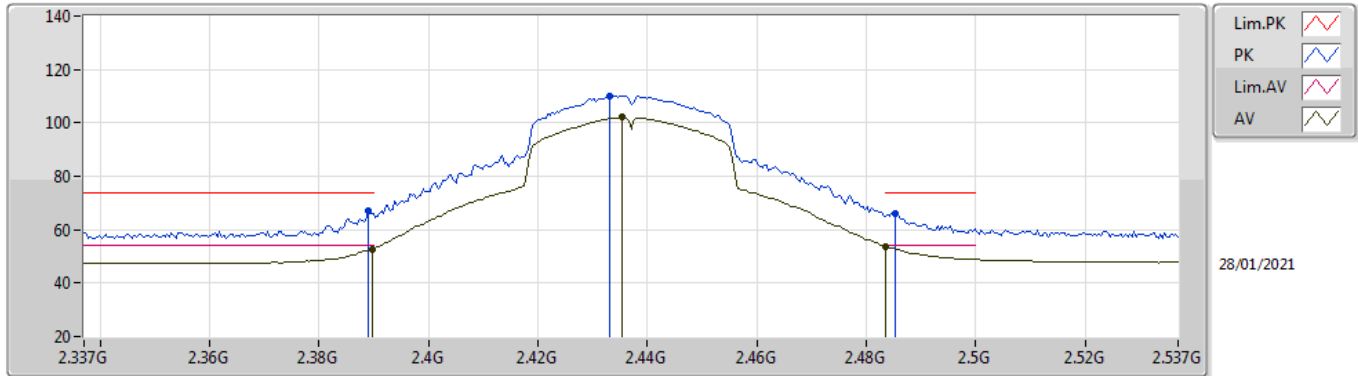
2427MHz_TX



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	52.26	54.00	-1.74	31.91	3	Horizontal	305	1.56	-	20.35	27.62	4.29	-
AV	2.4254G	99.33	Inf	-Inf	31.88	3	Horizontal	305	1.56	-	67.45	27.55	4.33	-
AV	2.487G	48.04	54.00	-5.96	31.82	3	Horizontal	305	1.56	-	16.22	27.43	4.39	-
PK	2.3898G	64.34	74.00	-9.66	31.91	3	Horizontal	305	1.56	-	32.43	27.62	4.29	-
PK	2.4258G	107.26	Inf	-Inf	31.88	3	Horizontal	305	1.56	-	75.38	27.55	4.33	-
PK	2.491G	59.45	74.00	-14.55	31.81	3	Horizontal	305	1.56	-	27.64	27.42	4.39	-

VHT40_Nss1,(MCS0)_2TX

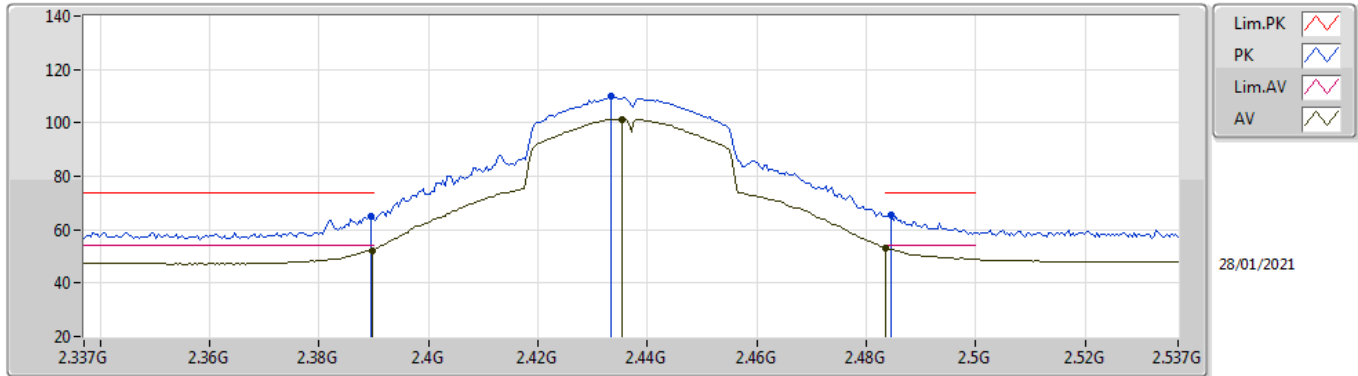
2437MHz_TX



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	52.63	54.00	-1.37	31.91	3	Vertical	230	2.59	-	20.72	27.62	4.29	-
AV	2.4354G	102.13	Inf	-Inf	31.87	3	Vertical	230	2.59	-	70.26	27.53	4.34	-
AV	2.4835G	53.81	54.00	-0.19	31.81	3	Vertical	230	2.59	-	22.00	27.43	4.38	-
PK	2.389G	66.92	74.00	-7.08	31.91	3	Vertical	230	2.59	-	35.01	27.62	4.29	-
PK	2.433G	110.10	Inf	-Inf	31.86	3	Vertical	230	2.59	-	78.24	27.53	4.33	-
PK	2.4854G	65.97	74.00	-8.03	31.82	3	Vertical	230	2.59	-	34.15	27.43	4.39	-

VHT40_Nss1,(MCS0)_2TX

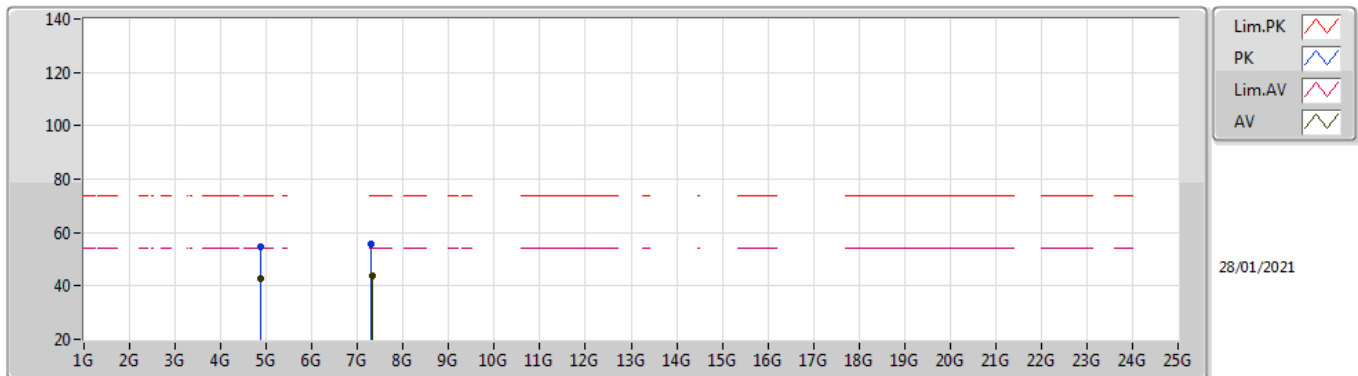
2437MHz_TX



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	52.31	54.00	-1.69	31.91	3	Horizontal	303	1.12	-	20.40	27.62	4.29	-
AV	2.4354G	101.43	Inf	-Inf	31.87	3	Horizontal	303	1.12	-	69.56	27.53	4.34	-
AV	2.4835G	53.21	54.00	-0.79	31.81	3	Horizontal	303	1.12	-	21.40	27.43	4.38	-
PK	2.3894G	65.23	74.00	-8.77	31.91	3	Horizontal	303	1.12	-	33.32	27.62	4.29	-
PK	2.4334G	109.94	Inf	-Inf	31.86	3	Horizontal	303	1.12	-	78.08	27.53	4.33	-
PK	2.4846G	65.71	74.00	-8.29	31.81	3	Horizontal	303	1.12	-	33.90	27.43	4.38	-

VHT40_Nss1,(MCS0)_2TX

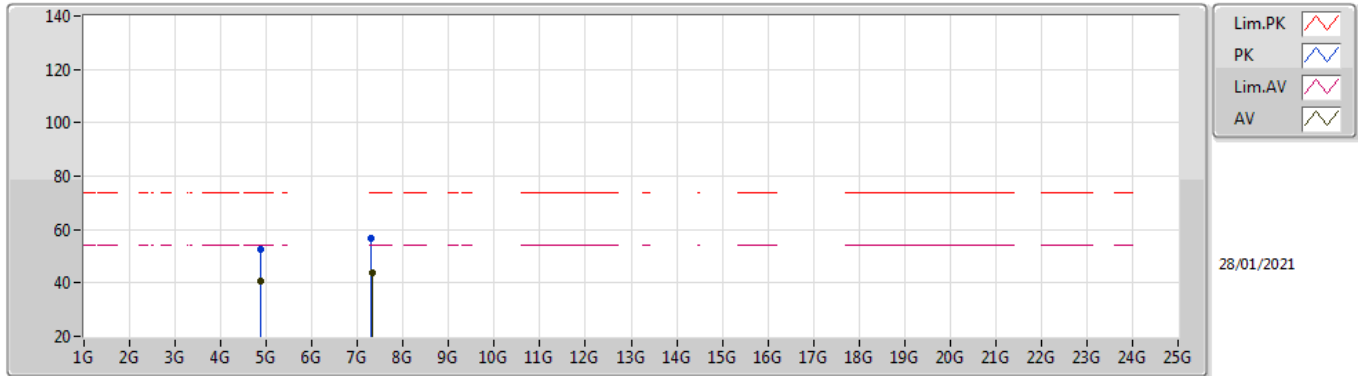
2437MHz_TX



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	4.87392G	42.78	54.00	-11.22	8.46	3	Vertical	330	1.86	-	34.32	31.10	6.57	29.21
AV	7.3118G	43.96	54.00	-10.04	13.76	3	Vertical	192	1.50	-	30.20	36.32	7.60	30.16
PK	4.87416G	54.66	74.00	-19.34	8.46	3	Vertical	330	1.86	-	46.20	31.10	6.57	29.21
PK	7.3094G	55.94	74.00	-18.06	13.76	3	Vertical	192	1.50	-	42.18	36.32	7.60	30.16

VHT40_Nss1,(MCS0)_2TX

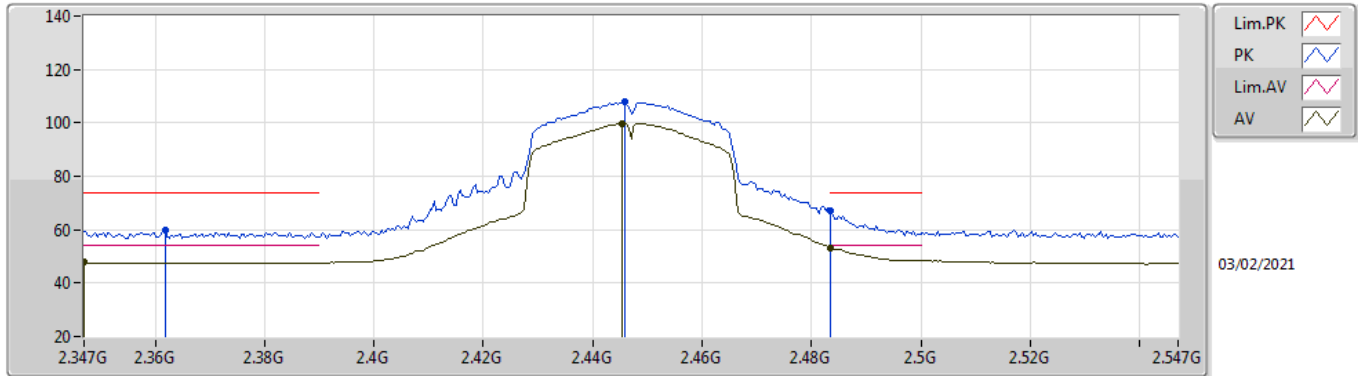
2437MHz_TX



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	4.87392G	40.89	54.00	-13.11	8.46	3	Horizontal	329	2.19	-	32.43	31.10	6.57	29.21
AV	7.31172G	44.03	54.00	-9.97	13.76	3	Horizontal	19	1.00	-	30.27	36.32	7.60	30.16
PK	4.87456G	52.58	74.00	-21.42	8.46	3	Horizontal	329	2.19	-	44.12	31.10	6.57	29.21
PK	7.30756G	56.77	74.00	-17.23	13.76	3	Horizontal	19	1.00	-	43.01	36.32	7.60	30.16

VHT40_Nss1,(MCS0)_2TX

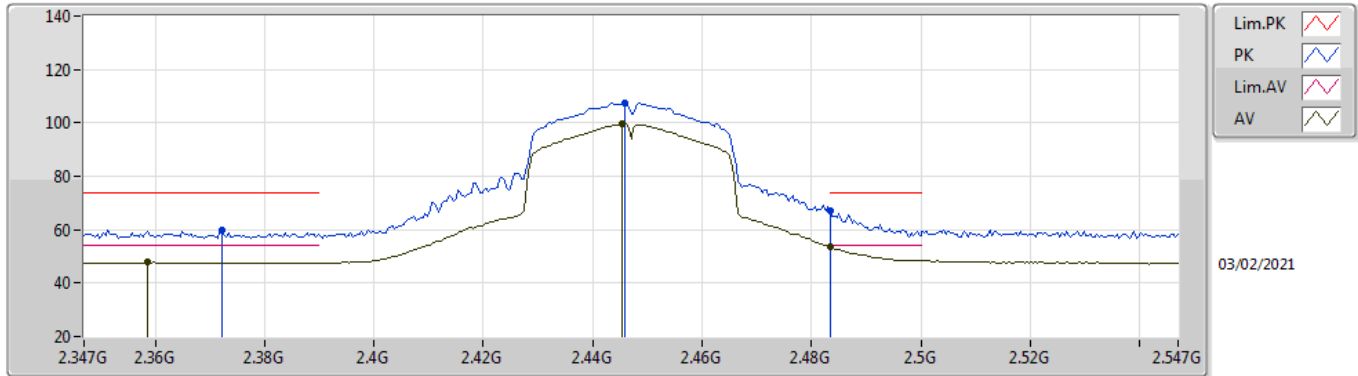
2447MHz_TX



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	2.347G	47.79	54.00	-6.21	31.96	3	Vertical	357	2.85	-	15.83	27.71	4.25	-
AV	2.4454G	99.71	Inf	-Inf	31.86	3	Vertical	357	2.85	-	67.85	27.51	4.35	-
AV	2.4835G	53.27	54.00	-0.73	31.81	3	Vertical	357	2.85	-	21.46	27.43	4.38	-
PK	2.3618G	59.61	74.00	-14.39	31.94	3	Vertical	357	2.85	-	27.67	27.68	4.26	-
PK	2.4458G	107.68	Inf	-Inf	31.86	3	Vertical	357	2.85	-	75.82	27.51	4.35	-
PK	2.4835G	67.24	74.00	-6.76	31.81	3	Vertical	357	2.85	-	35.43	27.43	4.38	-

VHT40_Nss1,(MCS0)_2TX

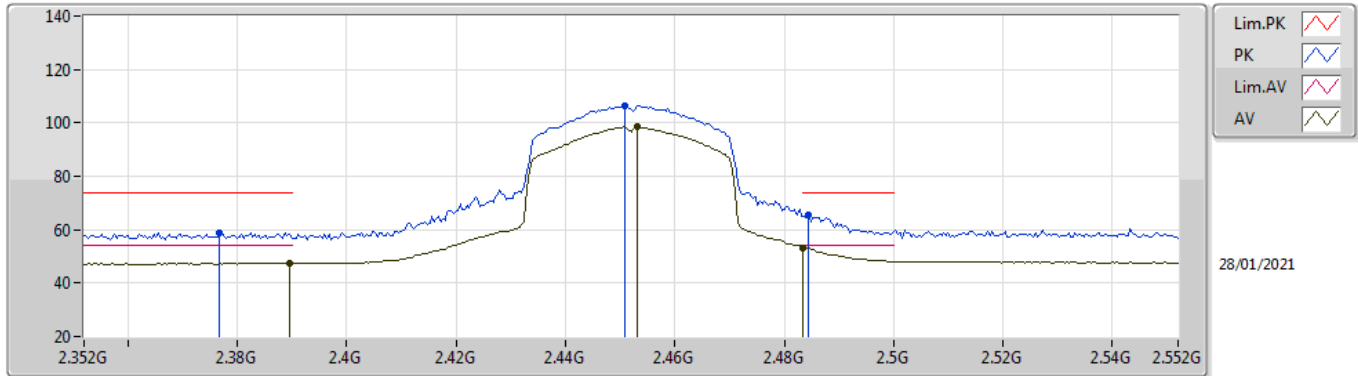
2447MHz_TX



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	2.3586G	47.68	54.00	-6.32	31.94	3	Horizontal	300	1.49	-	15.74	27.68	4.26	-
AV	2.4454G	99.53	Inf	-Inf	31.86	3	Horizontal	300	1.49	-	67.67	27.51	4.35	-
AV	2.4835G	53.40	54.00	-0.60	31.81	3	Horizontal	300	1.49	-	21.59	27.43	4.38	-
PK	2.3722G	59.76	74.00	-14.24	31.93	3	Horizontal	300	1.49	-	27.83	27.66	4.27	-
PK	2.4458G	107.32	Inf	-Inf	31.86	3	Horizontal	300	1.49	-	75.46	27.51	4.35	-
PK	2.4835G	67.24	74.00	-6.76	31.81	3	Horizontal	300	1.49	-	35.43	27.43	4.38	-

VHT40_Nss1,(MCS0)_2TX

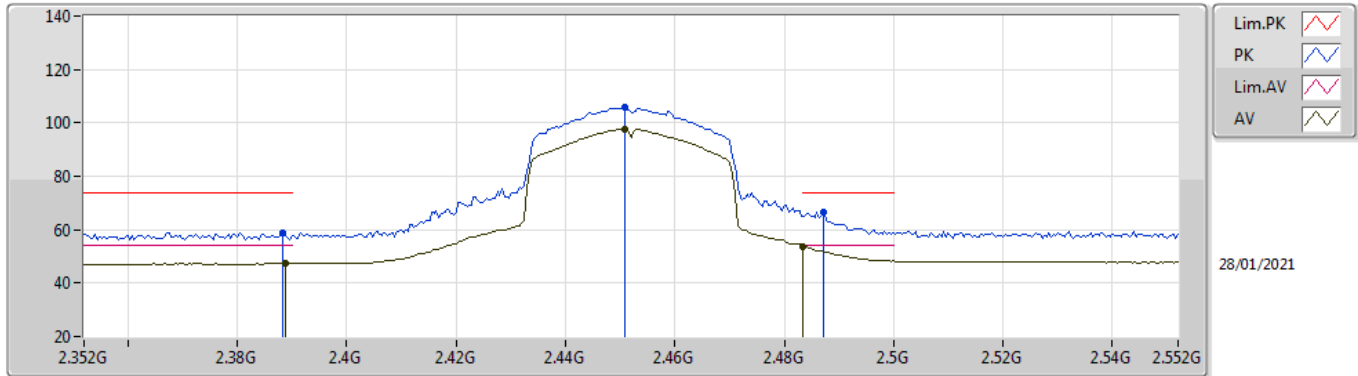
2452MHz_TX



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	47.49	54.00	-6.51	31.91	3	Vertical	357	2.77	-	15.58	27.62	4.29	-
AV	2.4532G	98.42	Inf	-Inf	31.84	3	Vertical	357	2.77	-	66.58	27.49	4.35	-
AV	2.4835G	53.36	54.00	-0.64	31.81	3	Vertical	357	2.77	-	21.55	27.43	4.38	-
PK	2.3768G	58.99	74.00	-15.01	31.93	3	Vertical	357	2.77	-	27.06	27.65	4.28	-
PK	2.4508G	106.29	Inf	-Inf	31.85	3	Vertical	357	2.77	-	74.44	27.50	4.35	-
PK	2.4844G	65.56	74.00	-8.44	31.81	3	Vertical	357	2.77	-	33.75	27.43	4.38	-

VHT40_Nss1,(MCS0)_2TX

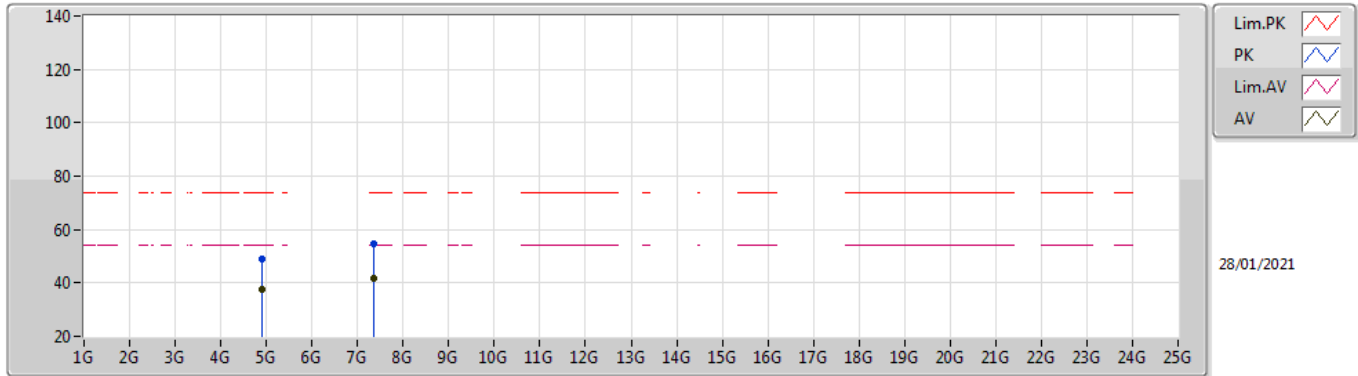
2452MHz_TX



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	2.3888G	47.48	54.00	-6.52	31.91	3	Horizontal	303	1.20	-	15.57	27.62	4.29	-
AV	2.4508G	97.70	Inf	-Inf	31.85	3	Horizontal	303	1.20	-	65.85	27.50	4.35	-
AV	2.4835G	53.81	54.00	-0.19	31.81	3	Horizontal	303	1.20	-	22.00	27.43	4.38	-
PK	2.3884G	59.05	74.00	-14.95	31.91	3	Horizontal	303	1.20	-	27.14	27.62	4.29	-
PK	2.4508G	105.65	Inf	-Inf	31.85	3	Horizontal	303	1.20	-	73.80	27.50	4.35	-
PK	2.4872G	66.65	74.00	-7.35	31.82	3	Horizontal	303	1.20	-	34.83	27.43	4.39	-

VHT40_Nss1,(MCS0)_2TX

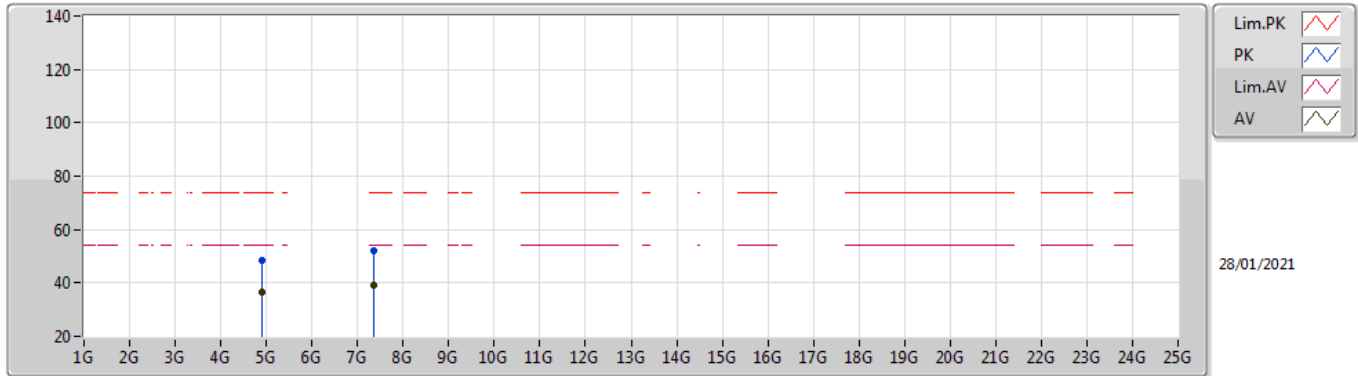
2452MHz_TX



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	4.90392G	37.73	54.00	-16.27	8.51	3	Vertical	333	2.20	-	29.22	31.11	6.60	29.20
AV	7.3568G	41.75	54.00	-12.25	13.75	3	Vertical	86	1.00	-	28.00	36.35	7.60	30.20
PK	4.90448G	48.80	74.00	-25.20	8.51	3	Vertical	333	2.20	-	40.29	31.11	6.60	29.20
PK	7.35856G	54.44	74.00	-19.56	13.73	3	Vertical	86	1.00	-	40.71	36.33	7.60	30.20

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	4.904G	36.67	54.00	-17.33	8.51	3	Horizontal	329	1.02	-	28.16	31.11	6.60	29.20
AV	7.34528G	39.33	54.00	-14.67	13.80	3	Horizontal	360	1.78	-	25.53	36.39	7.60	30.19
PK	4.90392G	48.51	74.00	-25.49	8.51	3	Horizontal	329	1.02	-	40.00	31.11	6.60	29.20
PK	7.35328G	51.84	74.00	-22.16	13.78	3	Horizontal	360	1.78	-	38.06	36.37	7.60	30.19



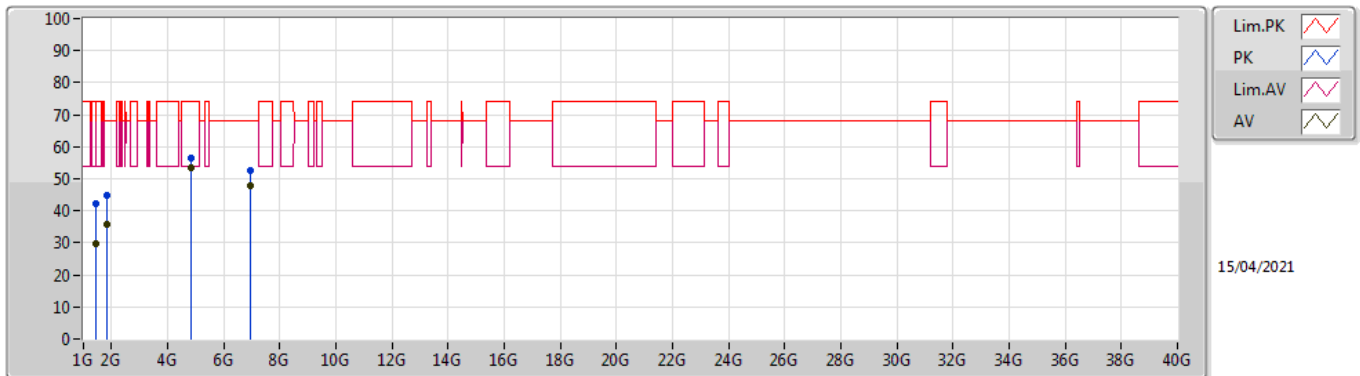
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	AV	4.85405G	53.30	54.00	-0.70	Vertical

Mode Configure

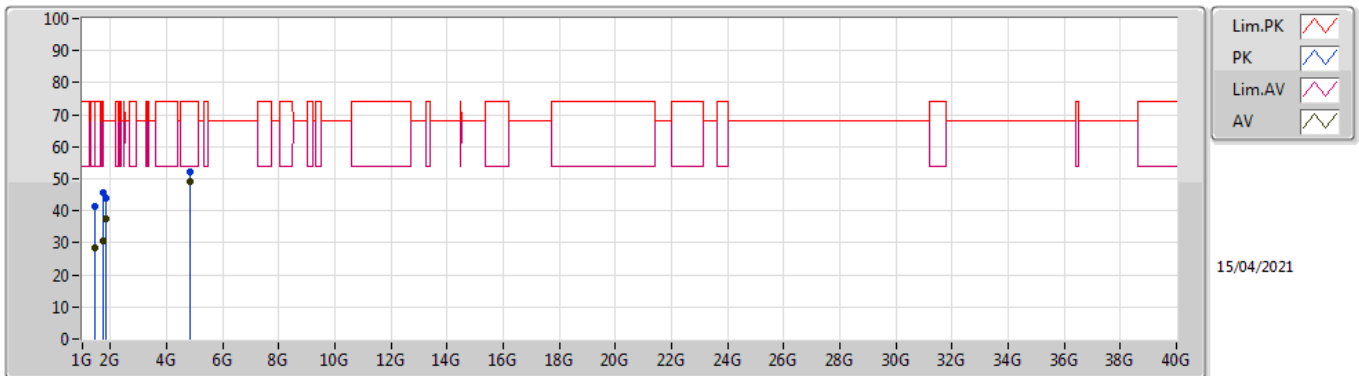
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
Mode 1	Pass	AV	1.42G	29.69	54.00	-24.31	3	Vertical	0	1.50	-
Mode 1	Pass	AV	1.852G	35.66	68.20	-32.54	3	Vertical	0	1.50	-
Mode 1	Pass	AV	4.85405G	53.30	54.00	-0.70	3	Vertical	212	1.50	-
Mode 1	Pass	AV	6.94669G	47.81	68.20	-20.39	3	Vertical	349	2.01	-
Mode 1	Pass	PK	1.42G	42.28	74.00	-31.72	3	Vertical	0	1.50	-
Mode 1	Pass	PK	1.852G	44.67	68.20	-23.53	3	Vertical	0	1.50	-
Mode 1	Pass	PK	4.852G	56.52	74.00	-17.48	3	Vertical	212	1.50	-
Mode 1	Pass	PK	6.952G	52.60	68.20	-15.60	3	Vertical	349	2.01	-
Mode 1	Pass	AV	1.42G	28.47	54.00	-25.53	3	Horizontal	360	1.50	-
Mode 1	Pass	AV	1.74496G	30.71	68.20	-37.49	3	Horizontal	88	1.11	-
Mode 1	Pass	AV	1.8409G	37.45	68.20	-30.75	3	Horizontal	76	1.15	-
Mode 1	Pass	AV	4.85398G	49.07	54.00	-4.93	3	Horizontal	222	1.66	-
Mode 1	Pass	PK	1.42G	41.37	74.00	-32.63	3	Horizontal	360	1.50	-
Mode 1	Pass	PK	1.744G	45.85	68.20	-22.35	3	Horizontal	88	1.11	-
Mode 1	Pass	PK	1.84G	43.84	68.20	-24.36	3	Horizontal	76	1.15	-
Mode 1	Pass	PK	4.852G	52.12	74.00	-21.88	3	Horizontal	222	1.66	-

Radiated Emissions above 1GHz_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	1.42G	29.69	54.00	-24.31	-1.98	3	Vertical	0	1.50	-	31.67	26.04	3.22	31.24
AV	1.852G	35.66	68.20	-32.54	-1.16	3	Vertical	0	1.50	-	36.82	25.51	3.75	30.42
AV	4.85405G	53.30	54.00	-0.70	8.53	3	Vertical	212	1.50	-	44.77	31.20	6.55	29.22
AV	6.94669G	47.81	68.20	-20.39	12.35	3	Vertical	349	2.01	-	35.46	34.79	7.47	29.91
PK	1.42G	42.28	74.00	-31.72	-1.98	3	Vertical	0	1.50	-	44.26	26.04	3.22	31.24
PK	1.852G	44.67	68.20	-23.53	-1.16	3	Vertical	0	1.50	-	45.83	25.51	3.75	30.42
PK	4.852G	56.52	74.00	-17.48	8.53	3	Vertical	212	1.50	-	47.99	31.20	6.55	29.22
PK	6.952G	52.60	68.20	-15.60	12.38	3	Vertical	349	2.01	-	40.22	34.81	7.48	29.91

Radiated Emissions above 1GHz_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	1.42G	28.47	54.00	-25.53	-1.98	3	Horizontal	360	1.50	-	30.45	26.04	3.22	31.24
AV	1.74496G	30.71	68.20	-37.49	-1.76	3	Horizontal	88	1.11	-	32.47	25.19	3.62	30.57
AV	1.8409G	37.45	68.20	-30.75	-1.25	3	Horizontal	76	1.15	-	38.70	25.45	3.74	30.44
AV	4.85398G	49.07	54.00	-4.93	8.53	3	Horizontal	222	1.66	-	40.54	31.20	6.55	29.22
PK	1.42G	41.37	74.00	-32.63	-1.98	3	Horizontal	360	1.50	-	43.35	26.04	3.22	31.24
PK	1.744G	45.85	68.20	-22.35	-1.76	3	Horizontal	88	1.11	-	47.61	25.19	3.62	30.57
PK	1.84G	43.84	68.20	-24.36	-1.26	3	Horizontal	76	1.15	-	45.10	25.44	3.74	30.44
PK	4.852G	52.12	74.00	-21.88	8.53	3	Horizontal	222	1.66	-	43.59	31.20	6.55	29.22