

FCC Radio Test Report

FCC ID : H8NRT5010W-D350
Equipment : WiFi 6 AX3600 Router
Brand Name : DYNALINK
Model Name : DL-WRX36
Applicant : ASKEY COMPUTER CORPORATION
10F, No. 119, Jiankang Road, Zhonghe Dist.,
New Taipei City, Taiwan
Manufacturer : ASKEY COMPUTER CORPORATION
10F, No. 119, Jiankang Road, Zhonghe Dist.,
New Taipei City, Taiwan
Standard : 47 CFR FCC Part 15.247

The product was received on Mar. 09, 2021, and testing was started from Mar. 11, 2021 and completed on Apr. 13, 2021. We, SPORTON INTERNATIONAL INC. Hsinhua Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC. Hsinhua Laboratory, the test report shall not be reproduced except in full.



Approved by: Allen Lin

SPORTON INTERNATIONAL INC. Hsinhua Laboratory

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



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PHOTOGRAPHS OF EUT V01



Summary of Test Result

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

Declaration of Conformity:

The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.

Comments and explanations:

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

Reviewed by: Sam Tsai

Report Producer: Amber Chiu



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, ax(HEW20)	2412-2462	1-11 [11]
2400-2483.5	n (HT40), VHT40, ax(HEW40)	2422-2452	3-9 [7]

Non-Beamforming

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	802.11b	20	4TX
2.4-2.4835GHz	802.11g	20	4TX
2.4-2.4835GHz	802.11ax HEW20	20	4TX
2.4-2.4835GHz	802.11ax HEW40	40	4TX

Beamforming

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	802.11ax HEW20-BF	20	4TX
2.4-2.4835GHz	802.11ax HEW40-BF	40	4TX

Note:

- ◆ 11b mode uses a combination of DSSS-DBPSK, DQPSK, CCK modulation.
- ◆ 11g, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- ◆ VHT20, VHT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation.
- ◆ HEW20, HEW40 use a combination of OFDMA-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	WALSIN	RFPCA322011IMLB401	PIFA Antenna	I-PEX
2	WALSIN	RFPCA322008IMLB401	PIFA Antenna	I-PEX
3	WALSIN	RFPCA322011IMLB402	PIFA Antenna	I-PEX
4	WALSIN	RFPCA322011IMLB403	PIFA Antenna	I-PEX



Ant.	Max Gain (dBi)				
	2.45G	5G			
		5.2G	5.3G	5.6G	5.785G
1	5.17	3.23	3.22	2.95	3.00
2	5.37	4.06	3.87	3.78	3.52
3	4.76	4.73	5.06	4.11	4.04
4	5.14	4.88	5.43	5.54	4.75

NSS	Composite Gain (dBi)				
	2.45G	5G			
		5.2G	5.3G	5.6G	5.785G
DG [1SS]	6.02	7.12	7.55	7.05	6.62
DG [2SS]	5.37	4.88	5.43	5.54	4.75
DG [4SS]	1.76	1.65	2.57	1.82	1.38

Note 1: The EUT has four antennas.

For 2.4GHz function:

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

Ant. 1, Ant. 2, Ant.3 and Ant. 4 could transmit/receive simultaneously.

For 5GHz function:

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

Ant. 1, Ant. 2, Ant.3 and Ant. 4 could transmit/receive simultaneously.

1.1.3 EUT Information

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



1.1.4 Mode Test Duty Cycle

Non-Beamforming

Mode	DC	DCF(dB)	T(s)	VBW(Hz) \geq 1/T
802.11b_Nss1,(1Mbps)_4TX	0.629	2.01	665u	3k
802.11g_Nss1,(6Mbps)_4TX	0.945	0.25	1.977m	1k
802.11ax HEW20_Nss1,(MCS0)_4TX	0.959	0.18	5.446m	300
802.11ax HEW40_Nss1,(MCS0)_4TX	0.959	0.18	5.446m	300

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

Beamforming

Mode	DC	DCF(dB)	T(s)	VBW(Hz) \geq 1/T
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	0.959	0.18	5.446m	300
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	0.959	0.18	5.446m	300

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



1.2 Testing Applied Standards

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

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

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

- ◆ KDB 558074 D01 v05r02
- ◆ KDB 662911 D01 v02r01
- ◆ KDB 662911 D03 v01
- ◆ 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	Edward Wang	20.8~22.7°C / 54~58%	08/Apr/2021
RF Conducted	TH06-HY	Johnny Yu	20.1~26.9°C / 50~60%	11/Mar/2021~25/Mar/2021
<input checked="" type="checkbox"/> Wen 33rd.St. (TAF: 3785)	ADD: No.14-1, Ln. 19, Wen 33rd St., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.)			
	TEL: 886-3-318-0787		FAX: 886-3-318-0287	
Test site Designation No. TW0008 with FCC.				
Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
Radiated	03CH09-HY	Daniel Hsu	21.1~24.2°C / 51~62%	12/Mar/2021~13/Apr/2021

1.4 Measurement Uncertainty

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

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



2 Test Configuration of EUT

2.1 Test Condition

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

2.2 Test Channel Mode

Test Software Version	Dos 6.1
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Non-Beamforming

Mode	Power Setting
802.11b_Nss1,(1Mbps)_4TX	-
2412MHz	42
2417MHz	44
2437MHz	47
2457MHz	43
2462MHz	42
802.11g_Nss1,(6Mbps)_4TX	-
2412MHz	38
2417MHz	39
2437MHz	47
2457MHz	43
2462MHz	38
802.11ax HEW20_Nss1,(MCS0)_4TX	-
2412MHz	34
2417MHz	40
2437MHz	48
2457MHz	39
2462MHz	37
802.11ax HEW40_Nss1,(MCS0)_4TX	-
2422MHz	31
2427MHz	35
2437MHz	38
2447MHz	34
2452MHz	33

2.3 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral
Operating Mode	CTX
1	Adapter mode

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

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emissions in Restricted Frequency Bands
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode < 1GHz	CTX
1	Adapter mode
Operating Mode > 1GHz	CTX
Orthogonal Planes of EUT	Y Plane 
Worst Planes of EUT	V

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Test Condition	Radiated measurement
Operating Mode	Normal Link
1	WLAN 2.4GHz + WLAN 5GHz
Refer to Sporton Test Report No.: FA130902 for Co-location RF Exposure Evaluation and Appendix G for Radiated Emission Co-location.	



2.4 Accessories

Accessories				
AC Adapter	Brand Name	Sunny	Model Name	SYS1652-3612-W2
	Power Rating	I/P: 100-240 Vac 50-60Hz, 1.5 A, O/P: 12.0 Vdc, 3.0 A		
	Power Cord	1.5 meter, non-shielded cable, w/o ferrite core		
RJ45 Cable	Signal Line	1.75 meter, non-shielded cable, w/o ferrite core		

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

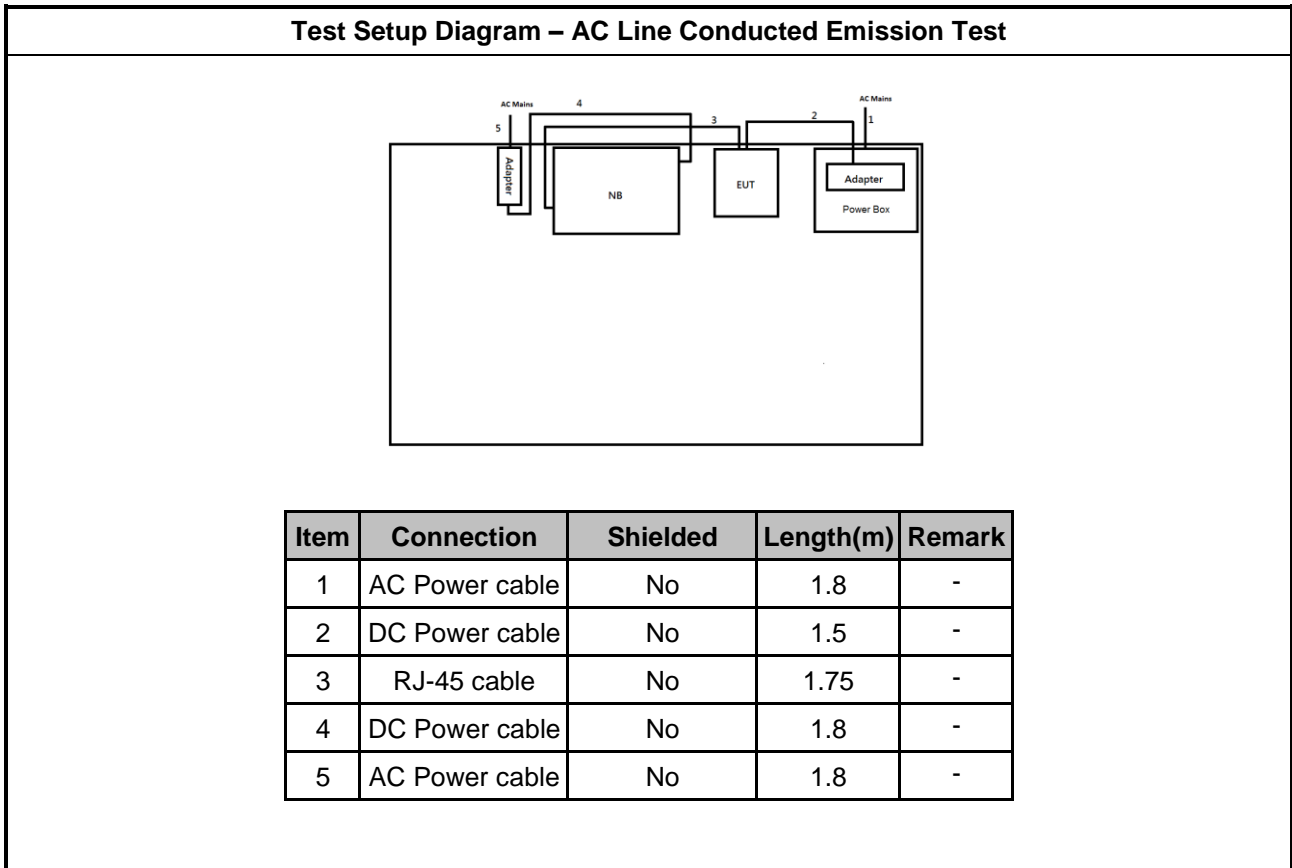
2.5 Support Equipment

Support Equipment – AC Conduction					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	AC Adapter (for NB)	HP	PPP012L-E	-	-
2	AC Power cable	Power sync	PW-GPC180-3	-	-
3	Notebook	HP	HSTNN-Q85C	-	-

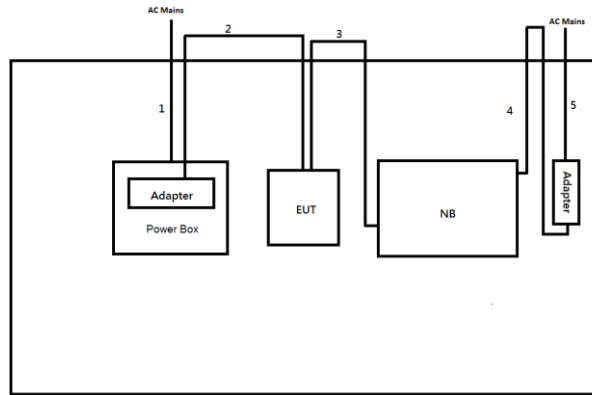
Support Equipment – Conducted					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Notebook	DELL	E5410	-	-
2	Adapter for NB	DELL	HA65NM130	-	-

Support Equipment – Radiated					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	AC Adapter (for NB)	HP	PPP012L-E	-	-
2	AC Power cable	Power sync	PW-GPC180-3	-	-
3	Notebook	HP	HSTNN-Q85C	-	-

2.6 Test Setup Diagram



Test Setup Diagram - Radiated Test



Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	DC Power cable	No	1.5	-
3	RJ-45 cable	No	1.75	-
4	DC Power cable	No	1.8	-
5	AC Power cable	No	1.8	-



3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

AC Power-line Conducted Emissions Limit		
Frequency Emission (MHz)	Quasi-Peak	Average
0.15-0.5	66 - 56 *	56 - 46 *
0.5-5	56	46
5-30	60	50

Note 1: * Decreases with the logarithm of the frequency.

3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

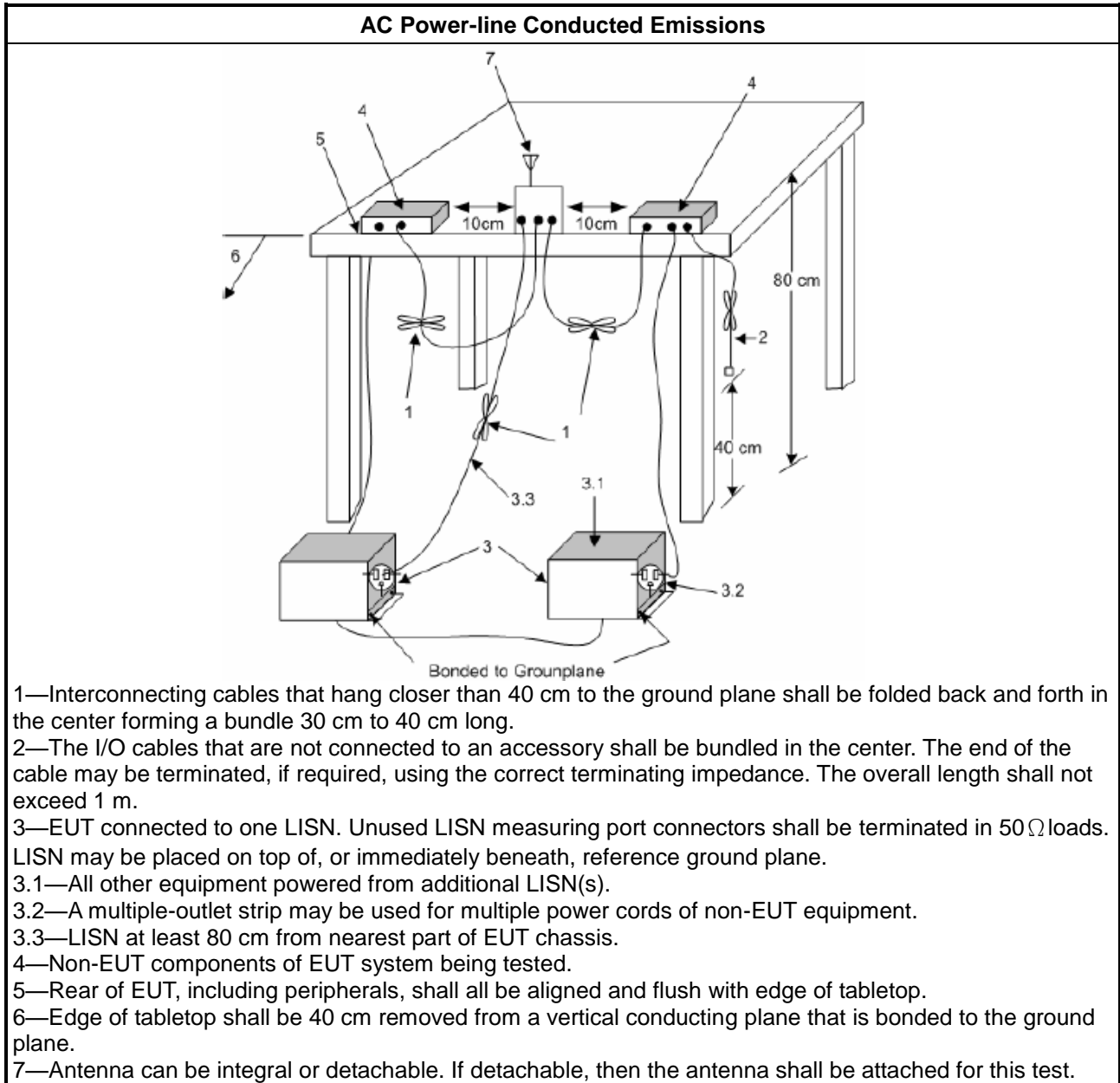
Test Method
<input checked="" type="checkbox"/> Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

3.1.4 Measurement Results Calculation

The measured Level is calculated using:

Corrected Reading: Raw(Read Level) + LISN(LISN Factor) + CL(Cable Loss) + AT(Attenuator).

3.1.5 Test Setup



3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 DTS Bandwidth

3.2.1 6dB Bandwidth Limit

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

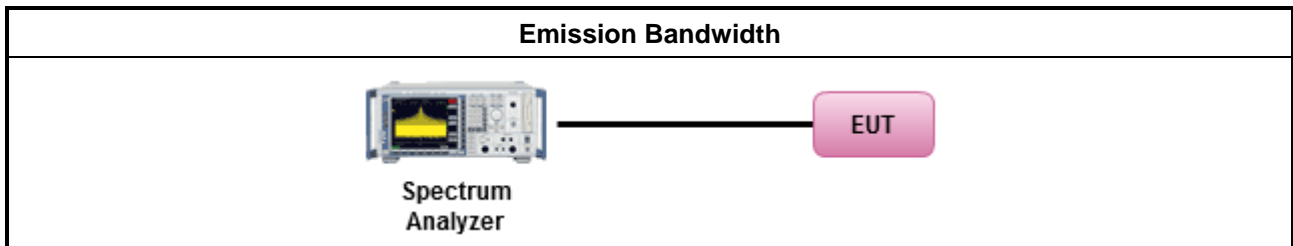
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

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

3.2.4 Test Setup



3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B



3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

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

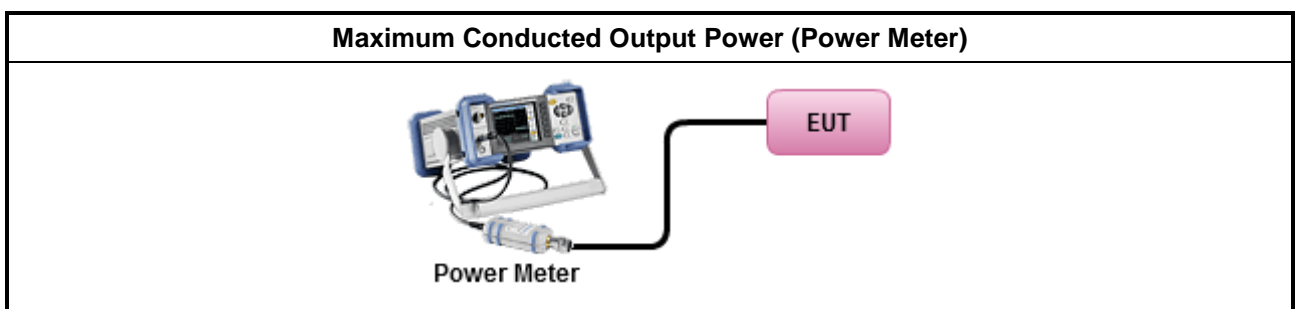
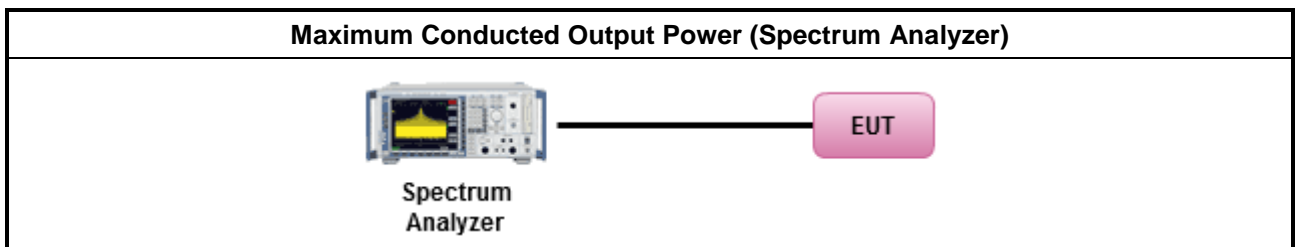
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

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

3.3.4 Test Setup



3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Power Spectral Density

3.4.1 Power Spectral Density Limit

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

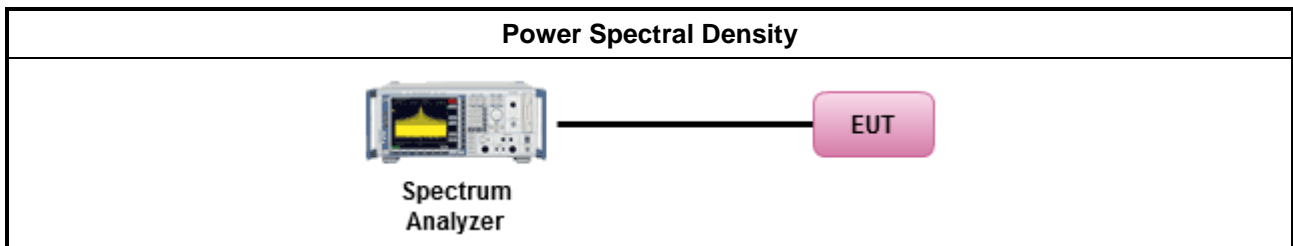
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

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

3.4.4 Test Setup



3.4.5 Test Result of Power Spectral Density

Refer as Appendix D

3.5 Emissions in Non-restricted Frequency Bands

3.5.1 Emissions in Non-restricted Frequency Bands Limit

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

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

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

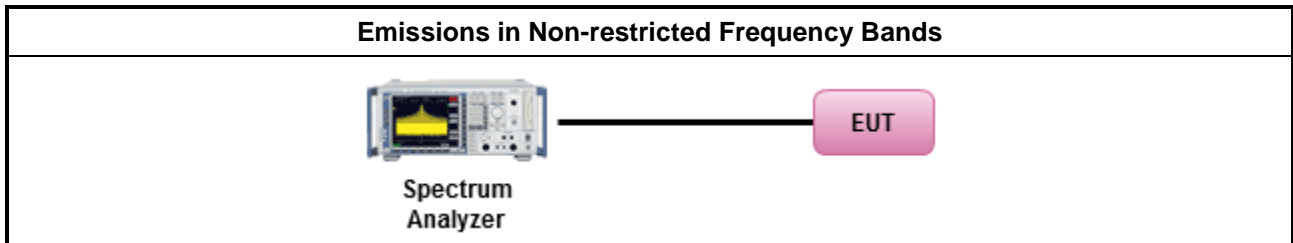
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

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

3.5.4 Test Setup



3.5.5 Test Result of Emissions in Non-restricted Frequency Bands

Refer as Appendix E



3.6 Emissions in Restricted Frequency Bands

3.6.1 Emissions in Restricted Frequency Bands Limit

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

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

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

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

3.6.2 Measuring Instruments

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



3.6.3 Test Procedures

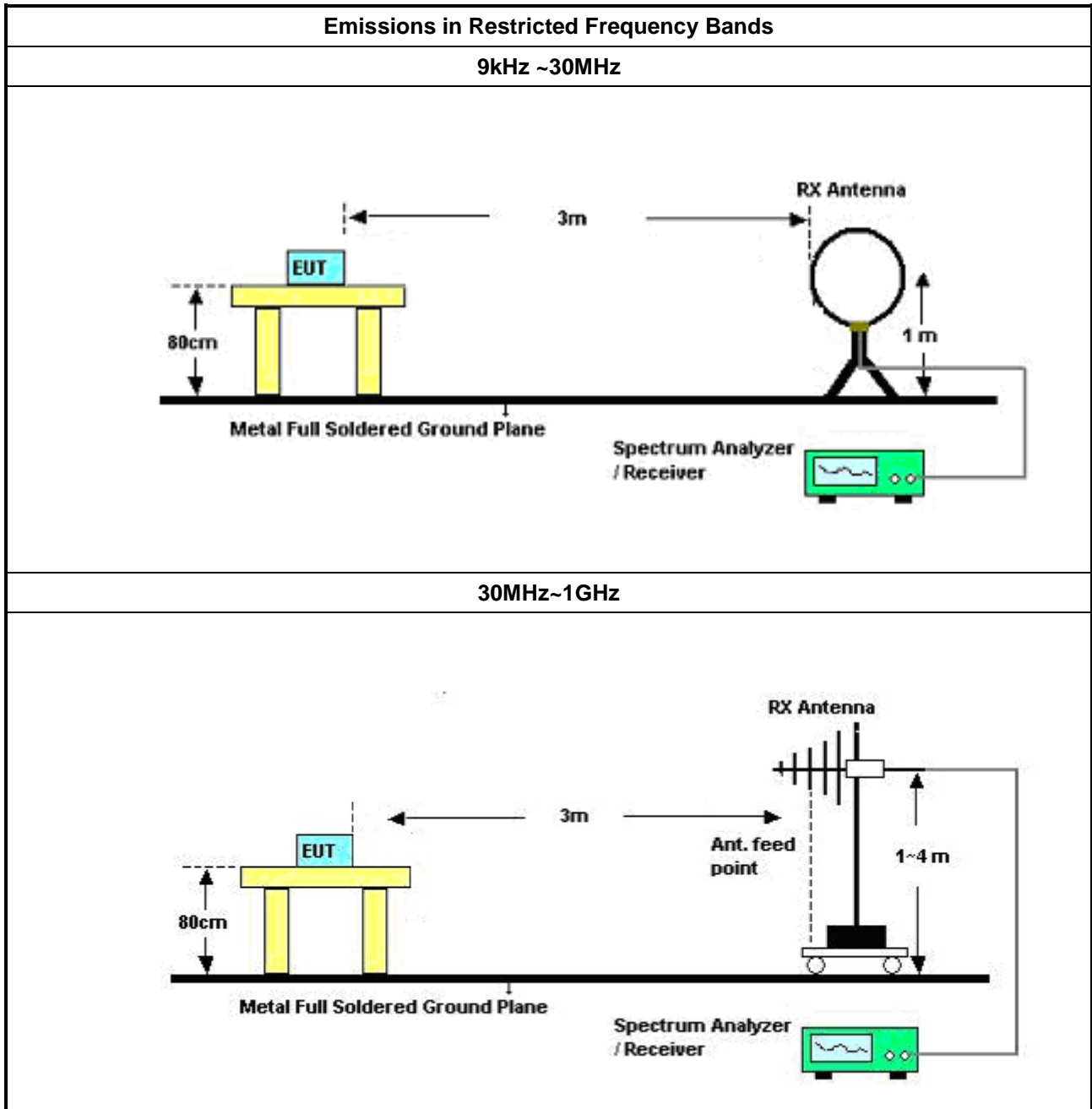
Test Method	
	<ul style="list-style-type: none"> The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor].
	<ul style="list-style-type: none"> Refer as ANSI C63.10, clause 6.10.3 band-edge testing shall be performed at the lowest frequency channel and highest frequency channel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

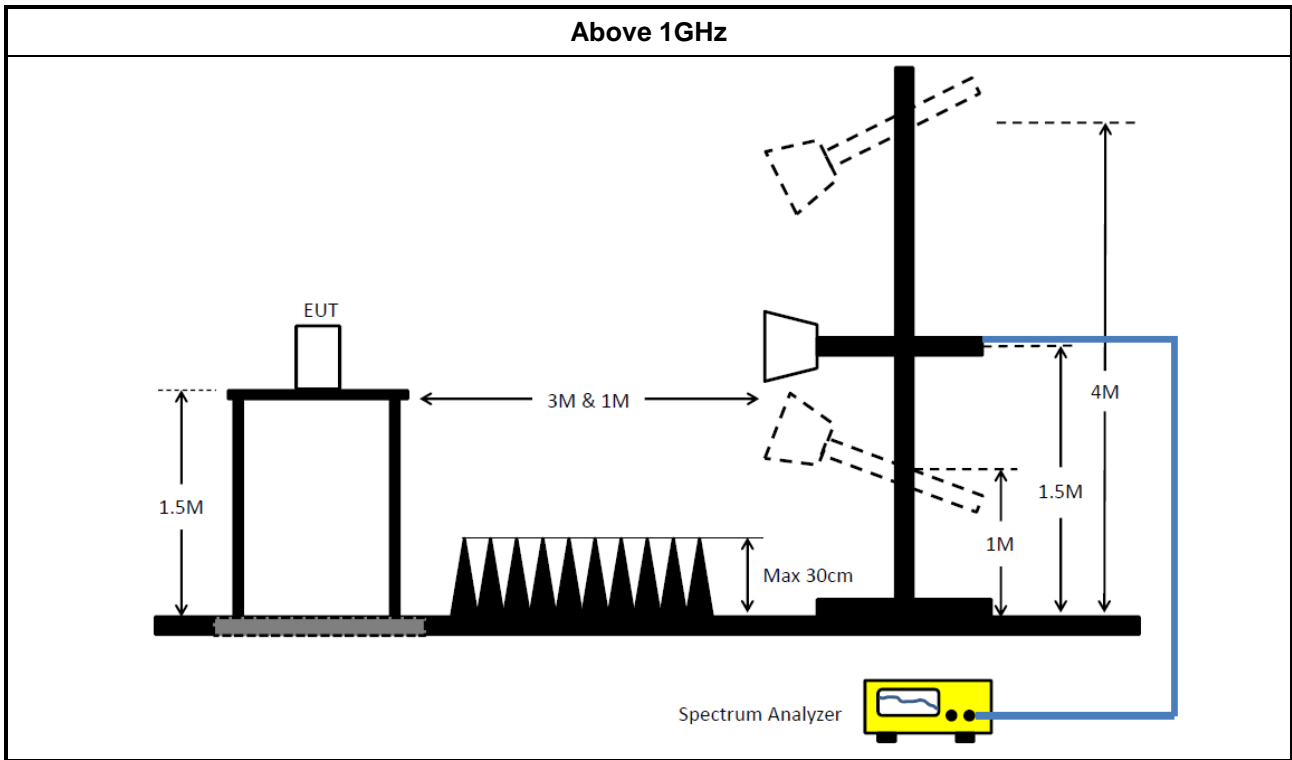
3.6.4 Measurement Results Calculation

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
LISN (Support Unit)	SCHWARZBECK MESS-ELEKTRO NIK	NSLK 8127	8127477	9kHz ~ 30MHz	25/Feb/2021	24/Feb/2022
RF Cable 5m	TITAN	TITAN	CO04-cable-01	0.1MHz~200MHz	03/Mar/2021	02/Mar/2022
Impuls Begrenzer Pulse Limiter	SCHWARZBECK	VTSD 9561-F	9561-F041	9kHz ~ 30MHz	21/Sep/2020	20/Sep/2021

Instrument for Conducted Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSV 40	101029	10Hz~40GHz	19/Oct/2020	18/Oct/2021
SMB100A Signal Generator	R&S	SMB100A03	181147	100kHz~40GHz	20/Oct/2020	19/Oct/2021
Pulse Sensor	Anritsu	MA2411B	0917017	300MHz~40GHz	23/Feb/2021	22/Feb/2022
Power Meter	Anritsu	ML2495A	0949003	300MHz~40GHz	23/Feb/2021	22/Feb/2022



Instrument for Radiated Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	30MHz~1GHz 3m	26/Mar/2021	25/Mar/2022
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	1GHz~18GHz 3m	19/Mar/2020	18/Mar/2021
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	1GHz~18GHz 3m	18/Mar/2021	17/Mar/2022
EXA Signal Analyzer	KEYSIGHT	N9010A	MY54200885	10Hz~44GHz	11/Aug/2020	10/Aug/2021
Amplifier	EMC	EMC9135	980232	9kHz~1GHz	14/Apr/2020	13/Apr/2021
Microwave Preamplifier	Agilent	8449B	3008A02096	1GHz~26.5GHz	24/Jul/2020	23/Jul/2021
Bilog Antenna & 5dB Attenuator	TESEQ & MTJ	CBL6111D&MTJ6 102-05	35418 & 3	30MHz~1GHz	06/Sep/2020	05/Sep/2021
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA9120 D 1534	1GHz~18GHz	28/May/2020	27/May/2021
RF Cable-low	Jye Bao	RG142	CB031+324530/4	9kHz~30MHz	03/Sep/2020	02/Sep/2021
RF Cable-low	Jye Bao	RG142	CB031+324530/4	30MHz~1GHz	09/Feb/2021	08/Feb/2022
RF CABLE 5m+3m+1m	HUBER+SUHNER	SUCOFLEX104	SN MY25918/4+ SN MY39478/4 + SN 324530/4	1GHz~40GHz	15/Aug/2020	14/Aug/2021
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	15GHz~40GHz	11/Mar/2021	10/Mar/2022
Preamplifier	MITEQ	TTA1840-35-HG	1864481	18GHz~40GHz	18/Mar/2021	17/Mar/2022
Loop Antenna	Teseq	HLA 6120	24155	9kHz~30MHz	13/Apr/2020	12/Apr/2021
EMI Test Receiver	R&S	ESR3	102051	9kHz~3.6GHz	29/May/2020	28/May/2021



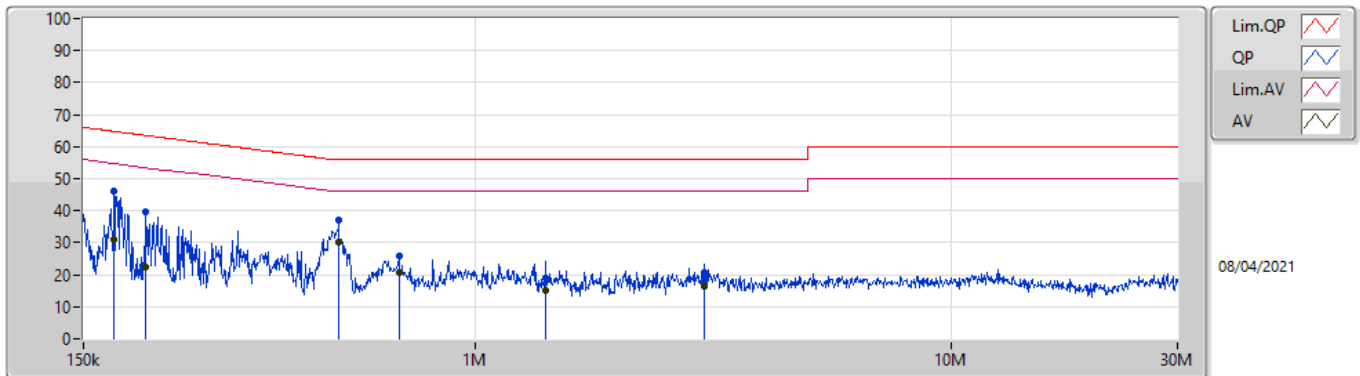
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	515.002k	30.26	46.00	-15.74	Line

Mode Configure

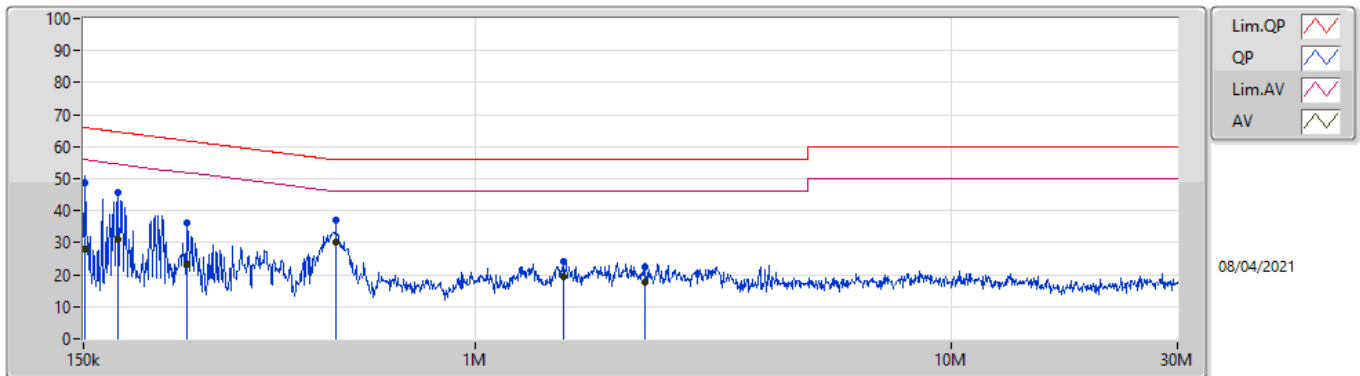
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	173.876k	46.24	64.78	-18.54	Line	-
Mode 1	Pass	AV	173.876k	30.93	54.78	-23.85	Line	-
Mode 1	Pass	QP	203.167k	39.86	63.48	-23.62	Line	-
Mode 1	Pass	AV	203.167k	22.59	53.48	-30.89	Line	-
Mode 1	Pass	QP	515.002k	37.02	56.00	-18.98	Line	-
Mode 1	Pass	AV	515.002k	30.26	46.00	-15.74	Line	-
Mode 1	Pass	QP	691.995k	25.88	56.00	-30.12	Line	-
Mode 1	Pass	AV	691.995k	20.54	46.00	-25.46	Line	-
Mode 1	Pass	QP	1.403M	19.10	56.00	-36.90	Line	-
Mode 1	Pass	AV	1.403M	14.92	46.00	-31.08	Line	-
Mode 1	Pass	QP	3.031M	20.73	56.00	-35.27	Line	-
Mode 1	Pass	AV	3.031M	16.50	46.00	-29.50	Line	-
Mode 1	Pass	QP	151.202k	48.52	65.92	-17.40	Neutral	-
Mode 1	Pass	AV	151.202k	28.14	55.92	-27.78	Neutral	-
Mode 1	Pass	QP	177.381k	45.71	64.60	-18.89	Neutral	-
Mode 1	Pass	AV	177.381k	30.99	54.60	-23.61	Neutral	-
Mode 1	Pass	QP	248.05k	36.13	61.81	-25.68	Neutral	-
Mode 1	Pass	AV	248.05k	23.42	51.81	-28.39	Neutral	-
Mode 1	Pass	QP	510.906k	37.01	56.00	-18.99	Neutral	-
Mode 1	Pass	AV	510.906k	30.03	46.00	-15.97	Neutral	-
Mode 1	Pass	QP	1.538M	23.97	56.00	-32.03	Neutral	-
Mode 1	Pass	AV	1.538M	19.36	46.00	-26.64	Neutral	-
Mode 1	Pass	QP	2.274M	22.58	56.00	-33.42	Neutral	-
Mode 1	Pass	AV	2.274M	17.86	46.00	-28.14	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	173.876k	46.24	64.78	-18.54	19.62	Line	-	26.62	9.68	0.04	9.90
AV	173.876k	30.93	54.78	-23.85	19.62	Line	-	11.31	9.68	0.04	9.90
QP	203.167k	39.86	63.48	-23.62	19.62	Line	-	20.24	9.68	0.04	9.90
AV	203.167k	22.59	53.48	-30.89	19.62	Line	-	2.97	9.68	0.04	9.90
QP	515.002k	37.02	56.00	-18.98	19.61	Line	-	17.41	9.67	0.07	9.87
AV	515.002k	30.26	46.00	-15.74	19.61	Line	-	10.65	9.67	0.07	9.87
QP	691.995k	25.88	56.00	-30.12	19.58	Line	-	6.30	9.67	0.07	9.84
AV	691.995k	20.54	46.00	-25.46	19.58	Line	-	0.96	9.67	0.07	9.84
QP	1.403M	19.10	56.00	-36.90	19.56	Line	-	-0.46	9.67	0.09	9.80
AV	1.403M	14.92	46.00	-31.08	19.56	Line	-	-4.64	9.67	0.09	9.80
QP	3.031M	20.73	56.00	-35.27	19.67	Line	-	1.06	9.69	0.12	9.86
AV	3.031M	16.50	46.00	-29.50	19.67	Line	-	-3.17	9.69	0.12	9.86

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	151.202k	48.52	65.92	-17.40	19.63	Neutral	-	28.89	9.69	0.04	9.90			
AV	151.202k	28.14	55.92	-27.78	19.63	Neutral	-	8.51	9.69	0.04	9.90			
QP	177.381k	45.71	64.60	-18.89	19.62	Neutral	-	26.09	9.68	0.04	9.90			
AV	177.381k	30.99	54.60	-23.61	19.62	Neutral	-	11.37	9.68	0.04	9.90			
QP	248.05k	36.13	61.81	-25.68	19.63	Neutral	-	16.50	9.68	0.05	9.90			
AV	248.05k	23.42	51.81	-28.39	19.63	Neutral	-	3.79	9.68	0.05	9.90			
QP	510.906k	37.01	56.00	-18.99	19.61	Neutral	-	17.40	9.67	0.07	9.87			
AV	510.906k	30.03	46.00	-15.97	19.61	Neutral	-	10.42	9.67	0.07	9.87			
QP	1.538M	23.97	56.00	-32.03	19.57	Neutral	-	4.40	9.68	0.09	9.80			
AV	1.538M	19.36	46.00	-26.64	19.57	Neutral	-	-0.21	9.68	0.09	9.80			
QP	2.274M	22.58	56.00	-33.42	19.61	Neutral	-	2.97	9.68	0.11	9.82			
AV	2.274M	17.86	46.00	-28.14	19.61	Neutral	-	-1.75	9.68	0.11	9.82			



Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11b_Nss1,(1Mbps)_4TX	8.025M	13.069M	13M1G1D	7.025M	12.869M
802.11g_Nss1,(6Mbps)_4TX	16.3M	16.549M	16M5D1D	16M	16.406M
802.11ax HEW20_Nss1,(MCS0)_4TX	18.925M	19.014M	19M0D1D	18.325M	18.895M
802.11ax HEW40_Nss1,(MCS0)_4TX	38M	37.994M	38M0D1D	37.2M	37.801M

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



Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	500k	7.05M	12.883M	8.025M	12.899M	7.025M	12.869M	8.025M	12.928M
2437MHz_TnomVnom	Pass	500k	7.55M	13.015M	7.05M	13.034M	7.975M	13.069M	8.025M	13.027M
2462MHz_TnomVnom	Pass	500k	7.5M	12.939M	8.025M	12.944M	8.025M	12.945M	7.075M	12.952M
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	500k	16.275M	16.443M	16.275M	16.423M	16.3M	16.445M	16.3M	16.406M
2437MHz_TnomVnom	Pass	500k	16.025M	16.495M	16.025M	16.502M	16.025M	16.549M	16M	16.516M
2462MHz_TnomVnom	Pass	500k	16.025M	16.436M	16.275M	16.484M	16.25M	16.433M	16.3M	16.419M
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	500k	18.825M	18.928M	18.925M	18.958M	18.625M	18.895M	18.9M	18.963M
2437MHz_TnomVnom	Pass	500k	18.675M	19.005M	18.875M	19.01M	18.325M	18.989M	18.8M	19.014M
2462MHz_TnomVnom	Pass	500k	18.85M	18.945M	18.9M	18.96M	18.825M	18.944M	18.8M	18.936M
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	500k	37.95M	37.994M	37.5M	37.871M	37.4M	37.981M	37.55M	37.944M
2437MHz_TnomVnom	Pass	500k	38M	37.93M	37.2M	37.801M	37.9M	37.991M	37.6M	37.901M
2452MHz_TnomVnom	Pass	500k	37.8M	37.925M	37.7M	37.824M	37.9M	37.964M	37.8M	37.899M

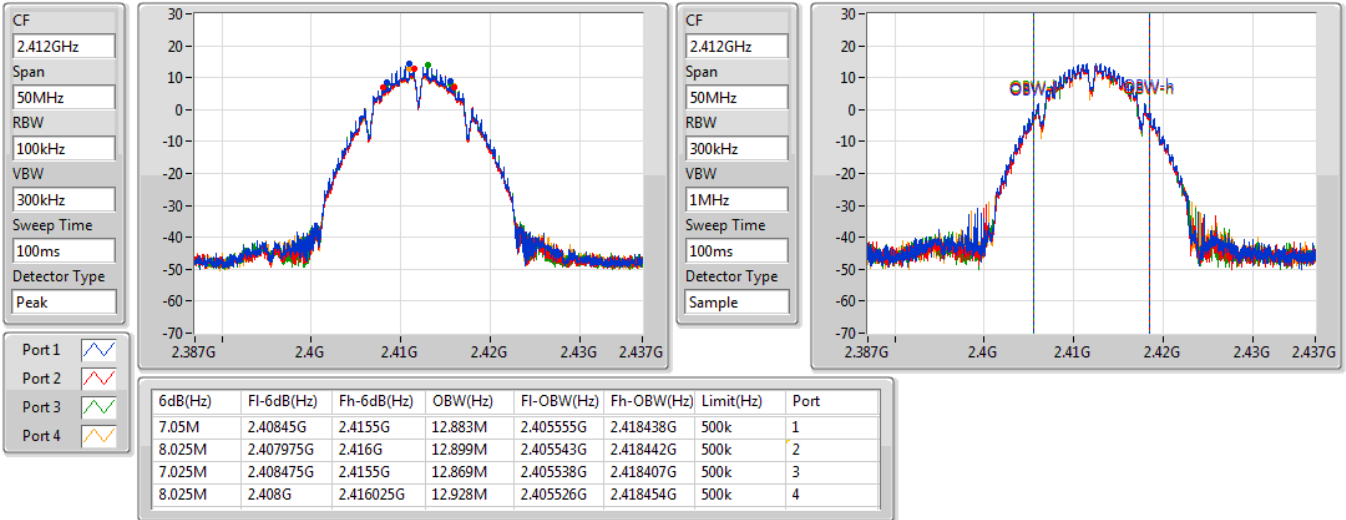
Port X-N dB = Port X 6dB down bandwidth;
 Port X-OBW = Port X 99% occupied bandwidth

802.11b_Nss1,(1Mbps)_4TX

EBW

2412MHz

22/03/2021

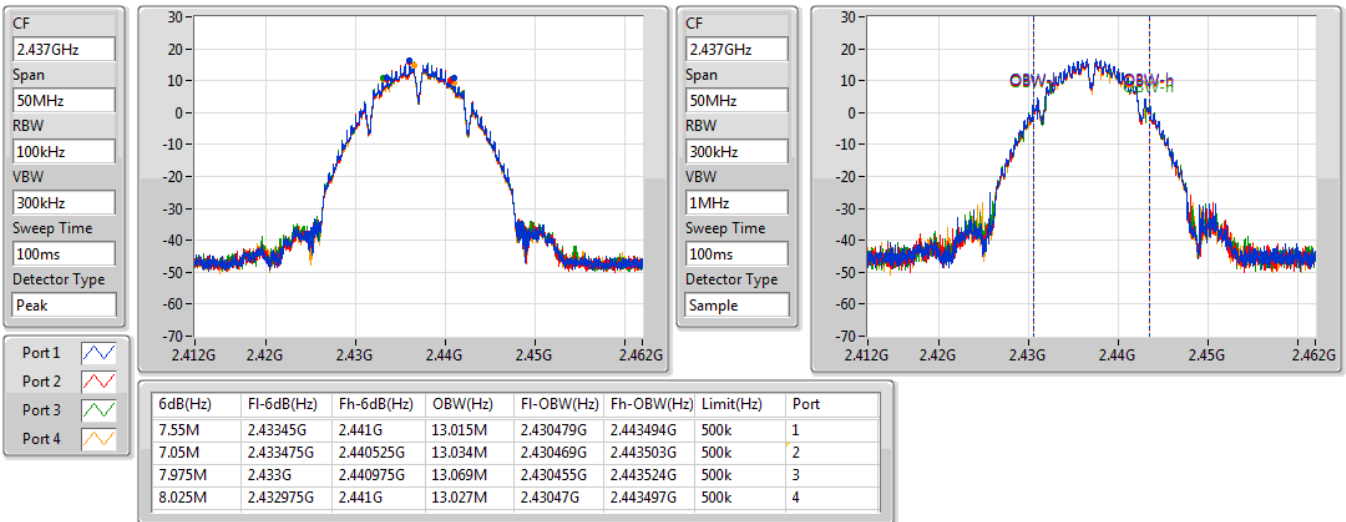


802.11b_Nss1,(1Mbps)_4TX

EBW

2437MHz

22/03/2021



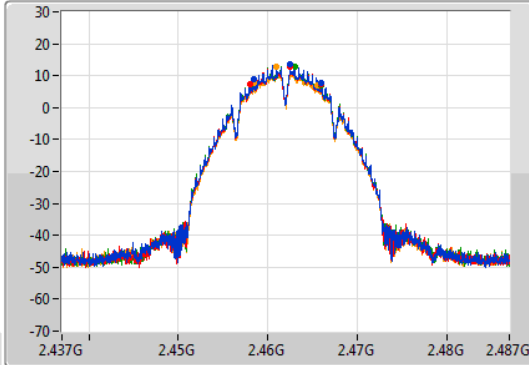
802.11b_Nss1,(1Mbps)_4TX

EBW

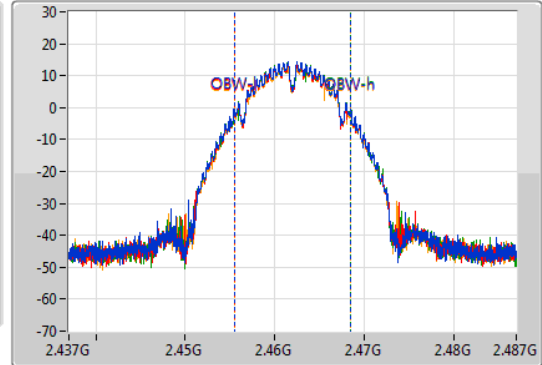
2462MHz

22/03/2021

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
7.5M	2.458475G	2.465975G	12.939M	2.455507G	2.468446G	500k	1
8.025M	2.457975G	2.466G	12.944M	2.455497G	2.468441G	500k	2
8.025M	2.457975G	2.466G	12.945M	2.455522G	2.468466G	500k	3
7.075M	2.45845G	2.465525G	12.952M	2.455512G	2.468464G	500k	4

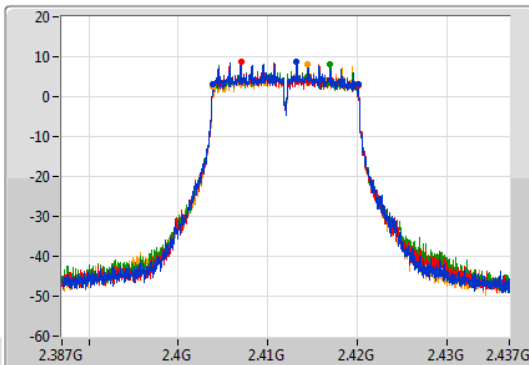
802.11g_Nss1,(6Mbps)_4TX

EBW

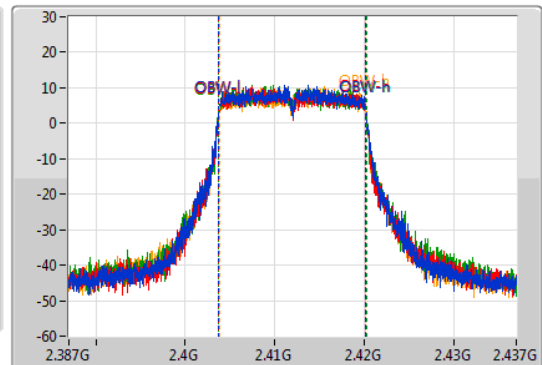
2412MHz

22/03/2021

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
16.275M	2.40385G	2.420125G	16.443M	2.403756G	2.420199G	500k	1
16.275M	2.40385G	2.420125G	16.423M	2.403778G	2.420201G	500k	2
16.3M	2.40385G	2.42015G	16.445M	2.403775G	2.42022G	500k	3
16.3M	2.40385G	2.42015G	16.406M	2.403798G	2.420204G	500k	4

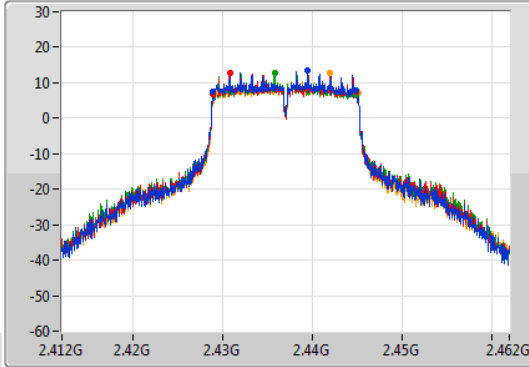
802.11g_Nss1,(6Mbps)_4TX

EBW

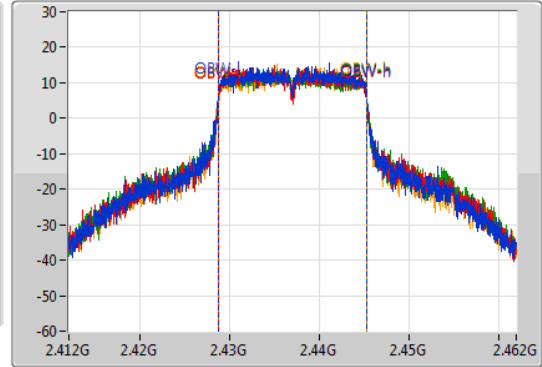
2437MHz

22/03/2021

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



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



Port 1
Port 2
Port 3
Port 4

6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.025M	2.42885G	2.444875G	16.495M	2.428752G	2.445247G	500k	1
16.025M	2.42885G	2.444875G	16.502M	2.428753G	2.445255G	500k	2
16.025M	2.428875G	2.4449G	16.549M	2.428717G	2.445266G	500k	3
16M	2.429125G	2.445125G	16.516M	2.428753G	2.445269G	500k	4

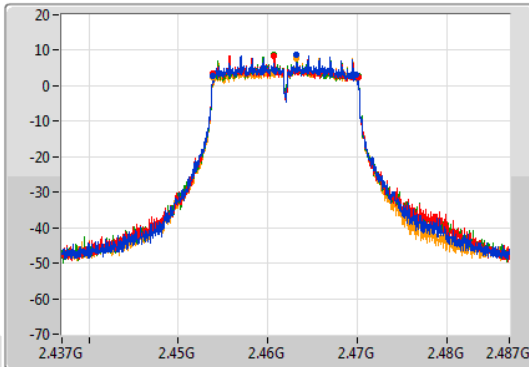
802.11g_Nss1,(6Mbps)_4TX

EBW

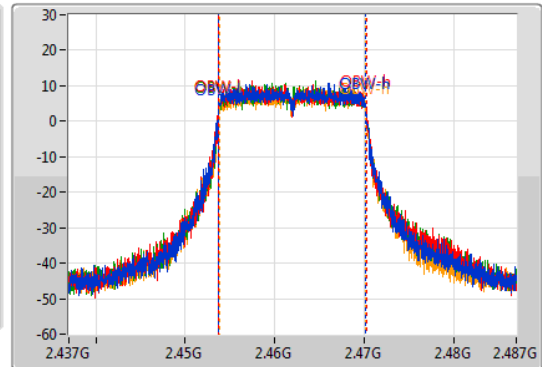
2462MHz

22/03/2021

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



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



Port 1
Port 2
Port 3
Port 4

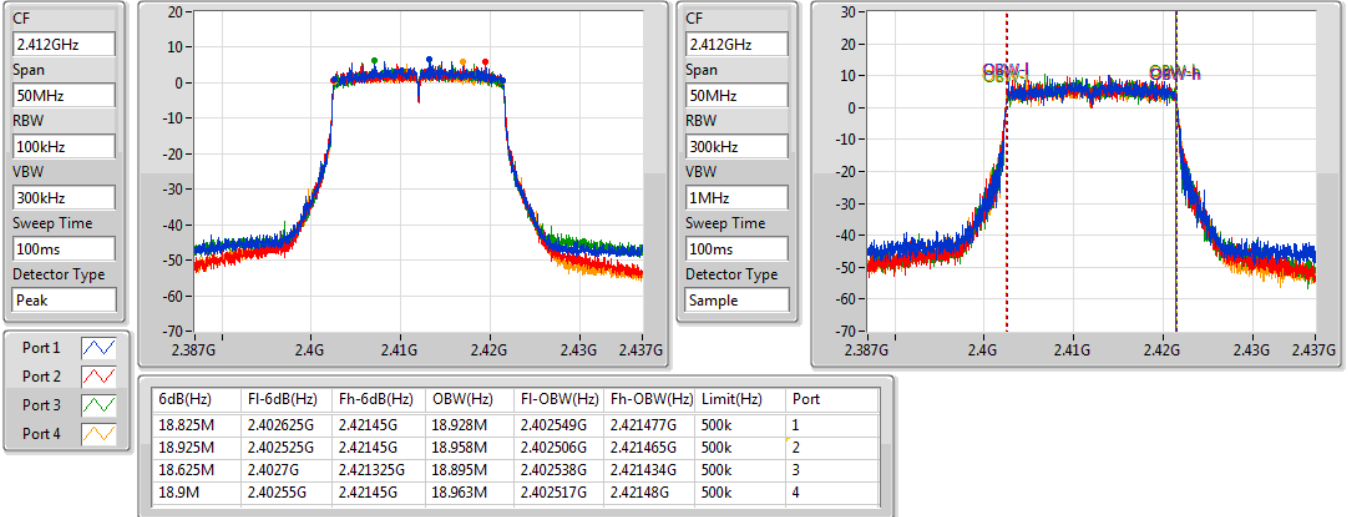
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.025M	2.45385G	2.469875G	16.436M	2.453755G	2.470191G	500k	1
16.275M	2.45385G	2.470125G	16.484M	2.453739G	2.470223G	500k	2
16.25M	2.453875G	2.470125G	16.433M	2.453773G	2.470205G	500k	3
16.3M	2.45385G	2.47015G	16.419M	2.453794G	2.470213G	500k	4

802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

2412MHz

22/03/2021

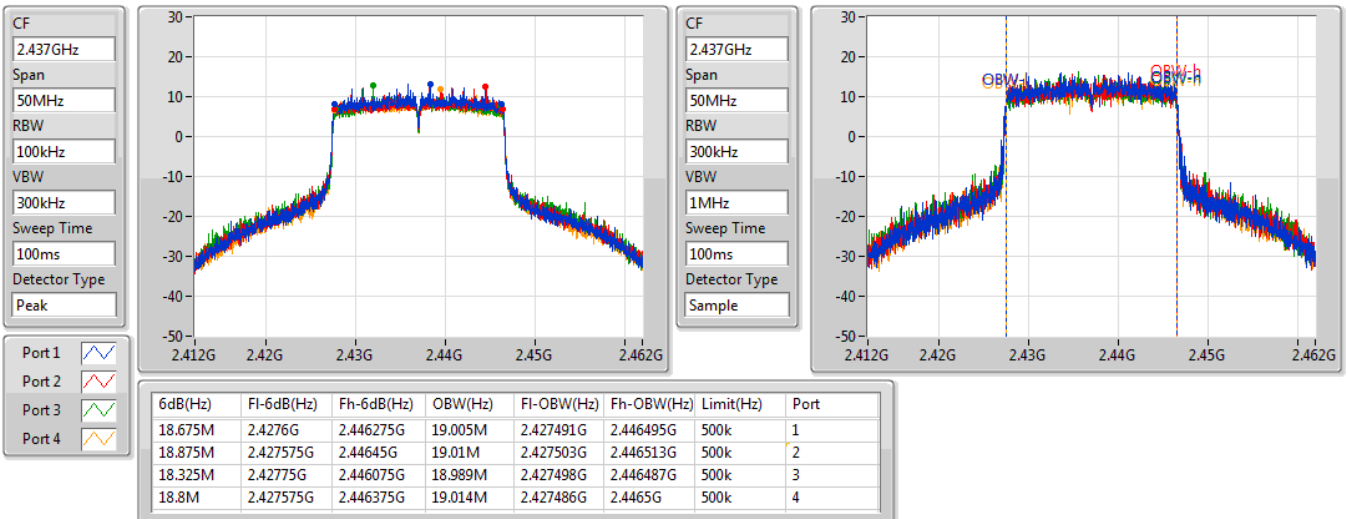


802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

2437MHz

22/03/2021



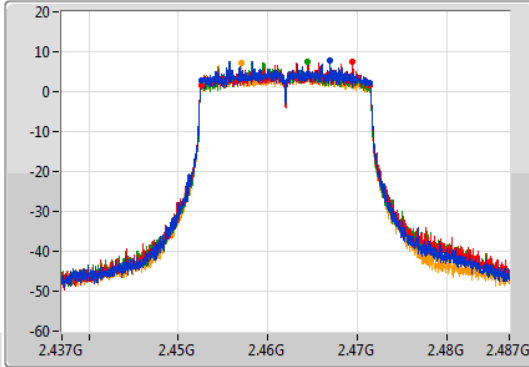
802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

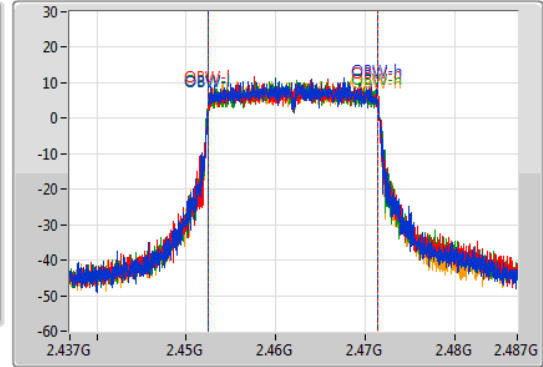
2462MHz

22/03/2021

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
18.85M	2.4526G	2.47145G	18.945M	2.452513G	2.471458G	500k	1
18.9M	2.45255G	2.47145G	18.96M	2.452508G	2.471468G	500k	2
18.825M	2.452575G	2.4714G	18.944M	2.452515G	2.471459G	500k	3
18.8M	2.452575G	2.471375G	18.936M	2.452518G	2.471453G	500k	4

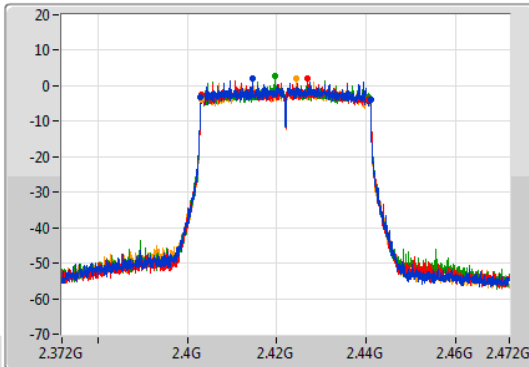
802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

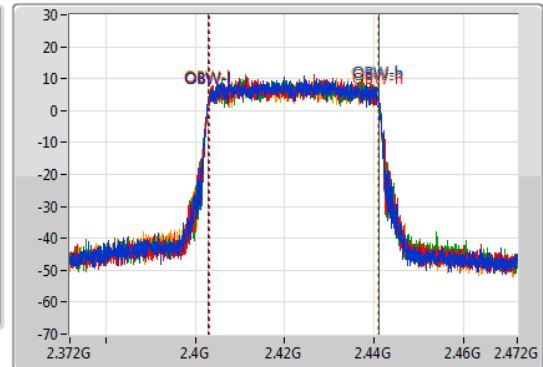
2422MHz

22/03/2021

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
37.95M	2.40305G	2.441G	37.994M	2.402985G	2.440979G	500k	1
37.5M	2.40315G	2.44065G	37.871M	2.403074G	2.440945G	500k	2
37.4M	2.40315G	2.44055G	37.981M	2.403008G	2.440989G	500k	3
37.55M	2.4031G	2.44065G	37.944M	2.402982G	2.440926G	500k	4

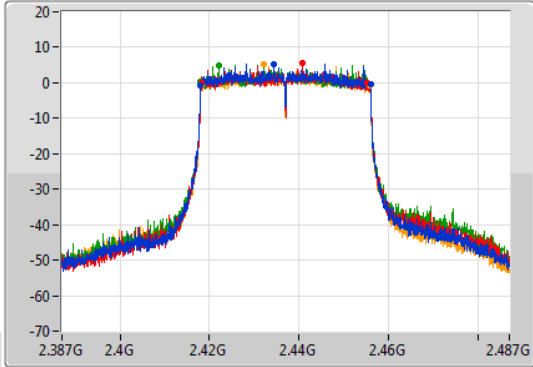
802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

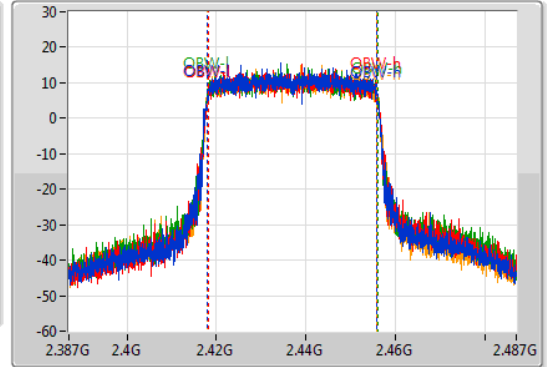
2437MHz

22/03/2021

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



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



Port 1
Port 2
Port 3
Port 4

6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
38M	2.418G	2.456G	37.93M	2.417989G	2.455919G	500k	1
37.2M	2.41815G	2.45535G	37.801M	2.418086G	2.455887G	500k	2
37.9M	2.41805G	2.45595G	37.991M	2.417988G	2.45598G	500k	3
37.6M	2.4182G	2.4558G	37.901M	2.418015G	2.455915G	500k	4

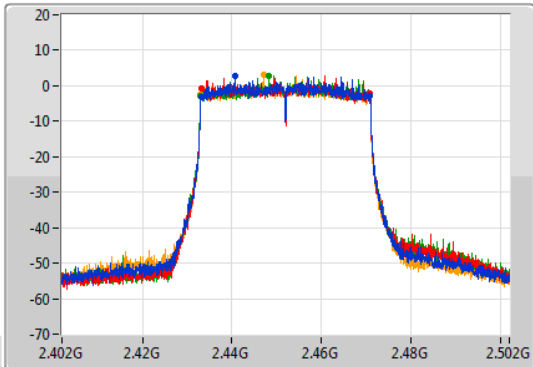
802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

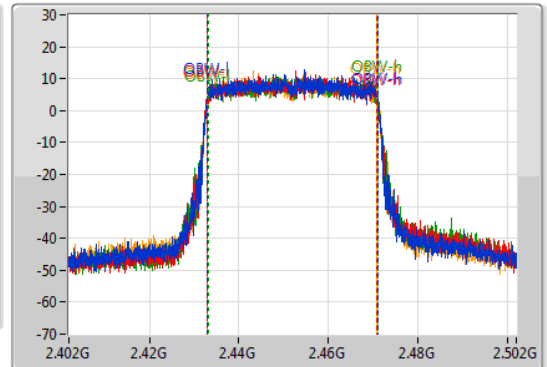
2452MHz

22/03/2021

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



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



Port 1
Port 2
Port 3
Port 4

6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.8M	2.4331G	2.4709G	37.925M	2.433033G	2.470958G	500k	1
37.7M	2.4332G	2.4709G	37.824M	2.433023G	2.470847G	500k	2
37.9M	2.433G	2.4709G	37.964M	2.433062G	2.471026G	500k	3
37.8M	2.433G	2.4708G	37.899M	2.433G	2.470899G	500k	4



Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_4TX	29.85	0.96605
802.11g_Nss1,(6Mbps)_4TX	29.76	0.94624
802.11ax HEW20_Nss1,(MCS0)_4TX	29.81	0.95719
802.11ax HEW40_Nss1,(MCS0)_4TX	25.87	0.38637



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	5.37	21.95	21.34	21.78	21.42	27.65	30.00
2417MHz_TnomVnom	Pass	5.37	22.93	22.41	22.77	22.48	28.67	30.00
2437MHz_TnomVnom	Pass	5.37	24.14	23.77	23.86	23.51	29.85	30.00
2457MHz_TnomVnom	Pass	5.37	22.23	22.05	22.39	21.69	28.12	30.00
2462MHz_TnomVnom	Pass	5.37	21.87	21.71	21.82	21.10	27.66	30.00
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	5.37	19.75	19.48	19.74	19.33	25.60	30.00
2417MHz_TnomVnom	Pass	5.37	20.33	19.99	20.11	19.95	26.12	30.00
2437MHz_TnomVnom	Pass	5.37	24.06	23.77	23.62	23.49	29.76	30.00
2457MHz_TnomVnom	Pass	5.37	22.21	21.95	21.98	21.64	27.97	30.00
2462MHz_TnomVnom	Pass	5.37	19.81	19.65	19.60	19.25	25.60	30.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	5.37	18.07	17.81	17.77	17.50	23.81	30.00
2417MHz_TnomVnom	Pass	5.37	21.09	20.63	20.77	20.49	26.77	30.00
2437MHz_TnomVnom	Pass	5.37	24.25	23.78	23.60	23.50	29.81	30.00
2457MHz_TnomVnom	Pass	5.37	20.47	20.22	20.23	19.93	26.24	30.00
2462MHz_TnomVnom	Pass	5.37	19.16	19.27	19.28	18.85	25.16	30.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	5.37	16.54	16.49	16.31	16.16	22.40	30.00
2427MHz_TnomVnom	Pass	5.37	18.54	18.40	18.32	18.03	24.35	30.00
2437MHz_TnomVnom	Pass	5.37	20.11	19.85	19.76	19.68	25.87	30.00
2447MHz_TnomVnom	Pass	5.37	18.04	17.86	17.82	17.50	23.83	30.00
2452MHz_TnomVnom	Pass	5.37	17.54	17.45	17.42	17.25	23.44	30.00

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



Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	29.16	0.82414
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	25.22	0.33266



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	6.02	17.42	17.16	17.12	16.85	23.16	29.98
2417MHz_TnomVnom	Pass	6.02	20.44	19.98	20.12	19.84	26.12	29.98
2437MHz_TnomVnom	Pass	6.02	23.60	23.13	22.95	22.85	29.16	29.98
2457MHz_TnomVnom	Pass	6.02	19.82	19.57	19.58	19.28	25.59	29.98
2462MHz_TnomVnom	Pass	6.02	18.51	18.62	18.63	18.20	24.51	29.98
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	6.02	15.89	15.84	15.66	15.51	21.75	29.98
2427MHz_TnomVnom	Pass	6.02	17.89	17.75	17.67	17.38	23.70	29.98
2437MHz_TnomVnom	Pass	6.02	19.46	19.20	19.11	19.03	25.22	29.98
2447MHz_TnomVnom	Pass	6.02	17.39	17.21	17.17	16.85	23.18	29.98
2452MHz_TnomVnom	Pass	6.02	16.89	16.80	16.77	16.60	22.79	29.98

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



Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_4TX	6.17
802.11g_Nss1,(6Mbps)_4TX	0.99
802.11ax HEW20_Nss1,(MCS0)_4TX	1.06
802.11ax HEW40_Nss1,(MCS0)_4TX	-5.00

RBW = 3kHz;



Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	6.02	-1.25	-0.59	-0.97	-0.85	4.03	7.98
2437MHz_TnomVnom	Pass	6.02	0.77	0.51	1.49	0.13	6.17	7.98
2462MHz_TnomVnom	Pass	6.02	-0.45	-0.56	-0.78	-1.86	3.82	7.98
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	6.02	-7.83	-7.43	-7.75	-7.54	-3.26	7.98
2437MHz_TnomVnom	Pass	6.02	-3.08	-2.73	-3.71	-3.67	0.99	7.98
2462MHz_TnomVnom	Pass	6.02	-7.90	-8.13	-6.85	-8.24	-2.80	7.98
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	6.02	-8.74	-8.99	-8.56	-8.78	-4.53	7.98
2437MHz_TnomVnom	Pass	6.02	-1.78	-2.99	-2.46	-2.62	1.06	7.98
2462MHz_TnomVnom	Pass	6.02	-6.99	-6.49	-6.49	-8.20	-3.26	7.98
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	6.02	-13.14	-11.71	-11.95	-13.05	-8.87	7.98
2437MHz_TnomVnom	Pass	6.02	-8.56	-8.55	-9.11	-9.02	-5.00	7.98
2452MHz_TnomVnom	Pass	6.02	-10.73	-10.84	-12.18	-12.17	-7.91	7.98

DG = Directional Gain; RBW = 3kHz;
 PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

802.11b_Nss1,(1Mbps)_4TX

PSD

2412MHz

22/03/2021

CF
2.412GHz

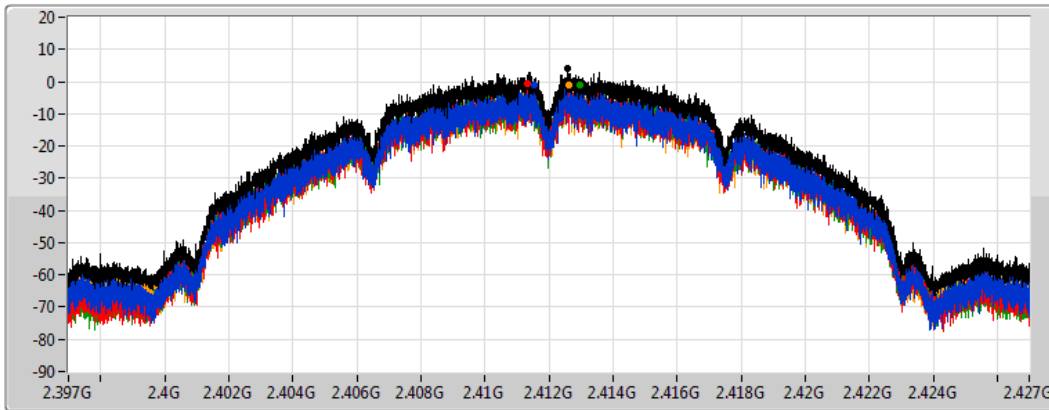
Span
30MHz


RBW
3kHz


VBW
10kHz


Sweep Time
953.6ms


Detector Type
Peak




Sum 

Port 1 

Port 2 

Port 3 

Port 4 

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.03	4.03	-1.25	-0.59	-0.97	-0.85

802.11b_Nss1,(1Mbps)_4TX

PSD

2437MHz

22/03/2021

CF
2.437GHz

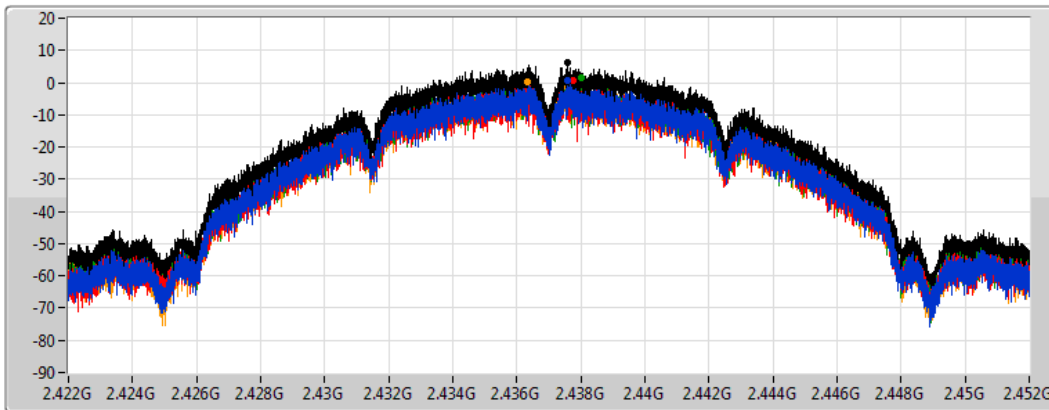
Span
30MHz


RBW
3kHz


VBW
10kHz


Sweep Time
953.6ms


Detector Type
Peak




Sum 

Port 1 

Port 2 

Port 3 

Port 4 

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.17	6.17	0.77	0.51	1.49	0.13

802.11b_Nss1,(1Mbps)_4TX

PSD

2462MHz

22/03/2021

CF
2.462GHz

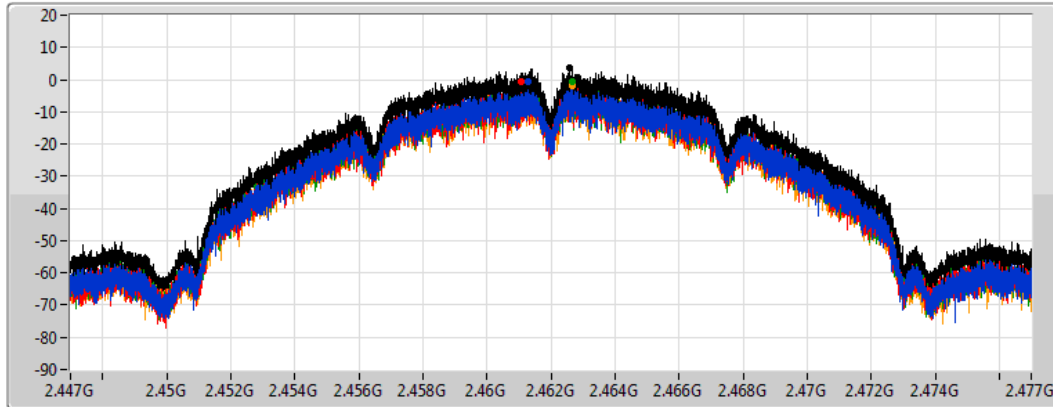
Span
30MHz


RBW
3kHz


VBW
10kHz


Sweep Time
953.6ms


Detector Type
Peak




Sum 

Port 1 

Port 2 

Port 3 

Port 4 

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.82	3.82	-0.45	-0.56	-0.78	-1.86

802.11g_Nss1,(6Mbps)_4TX

PSD

2412MHz

22/03/2021

CF
2.412GHz

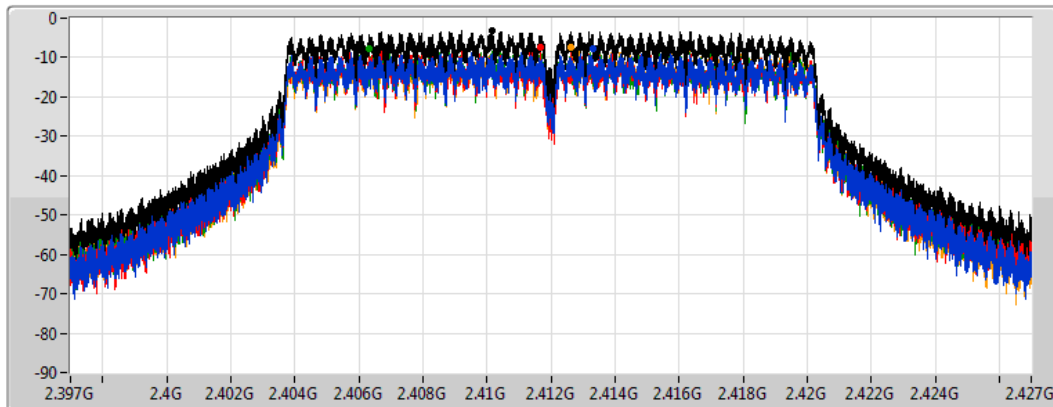
Span
30MHz


RBW
3kHz


VBW
10kHz


Sweep Time
953.6ms


Detector Type
Peak




Sum 

Port 1 

Port 2 

Port 3 

Port 4 

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.26	-3.26	-7.83	-7.43	-7.75	-7.54

802.11g_Nss1,(6Mbps)_4TX

PSD

2437MHz

22/03/2021

CF
2.437GHz

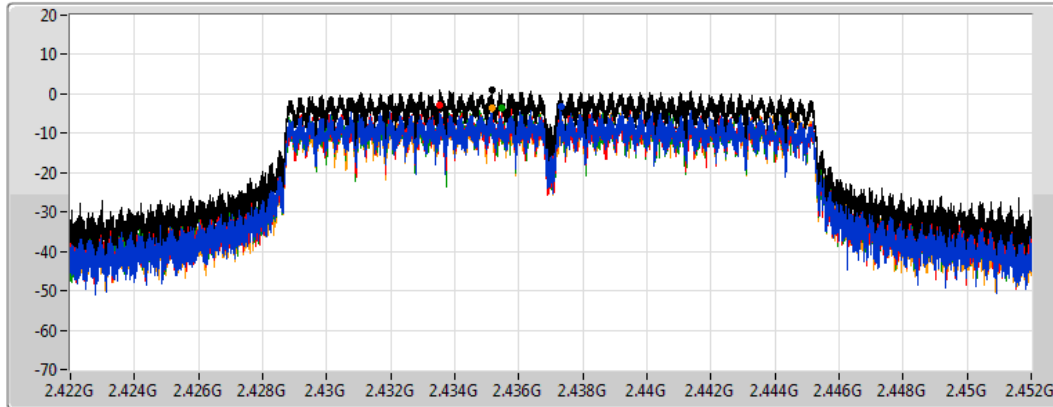
Span
30MHz


RBW
3kHz


VBW
10kHz


Sweep Time
953.6ms


Detector Type
Peak




Sum 

Port 1 

Port 2 

Port 3 

Port 4 

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.99	0.99	-3.08	-2.73	-3.71	-3.67

802.11g_Nss1,(6Mbps)_4TX

PSD

2462MHz

22/03/2021

CF
2.462GHz

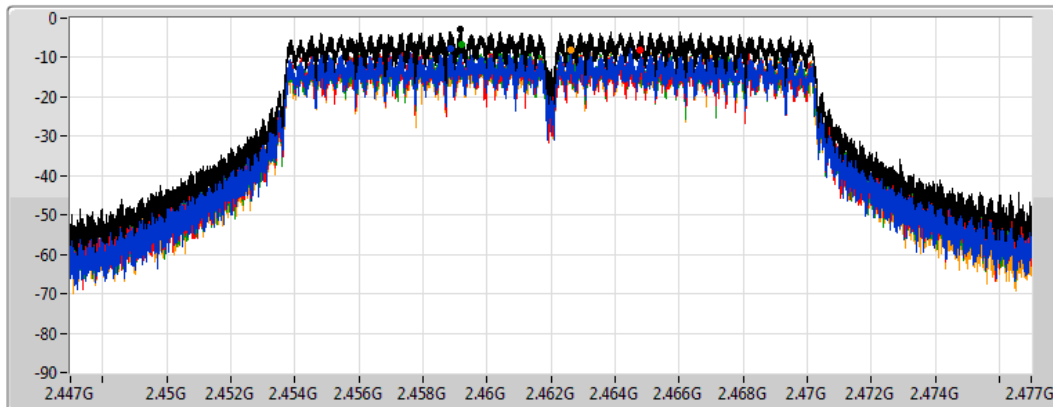
Span
30MHz


RBW
3kHz


VBW
10kHz


Sweep Time
953.6ms


Detector Type
Peak




Sum 

Port 1 

Port 2 

Port 3 

Port 4 

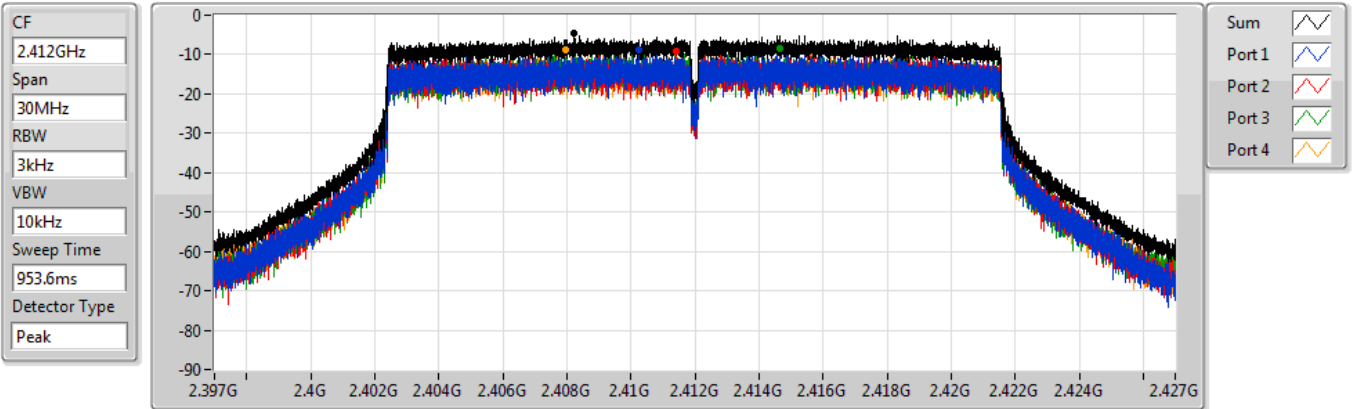
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.80	-2.80	-7.90	-8.13	-6.85	-8.24

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

2412MHz

22/03/2021



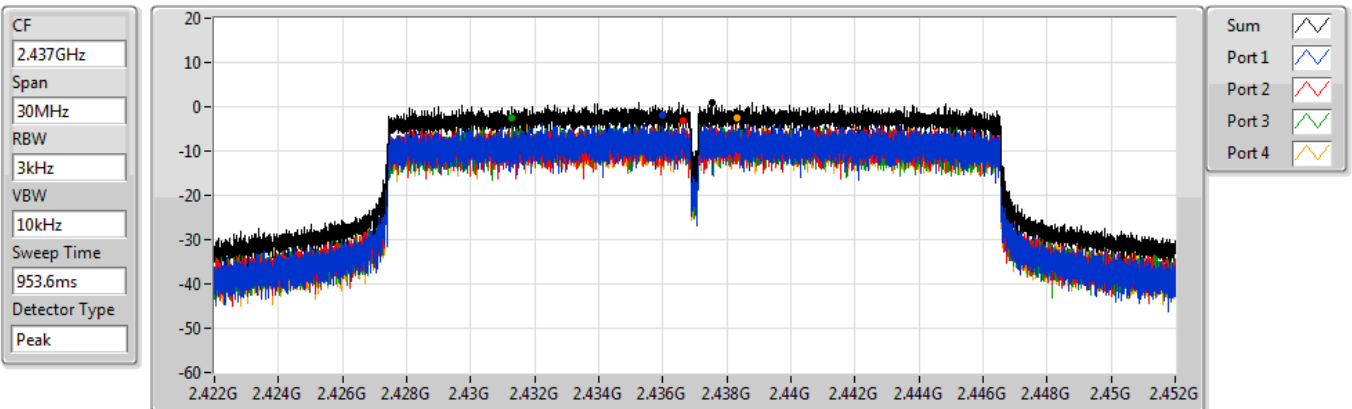
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.53	-4.53	-8.74	-8.99	-8.56	-8.78

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

2437MHz

22/03/2021



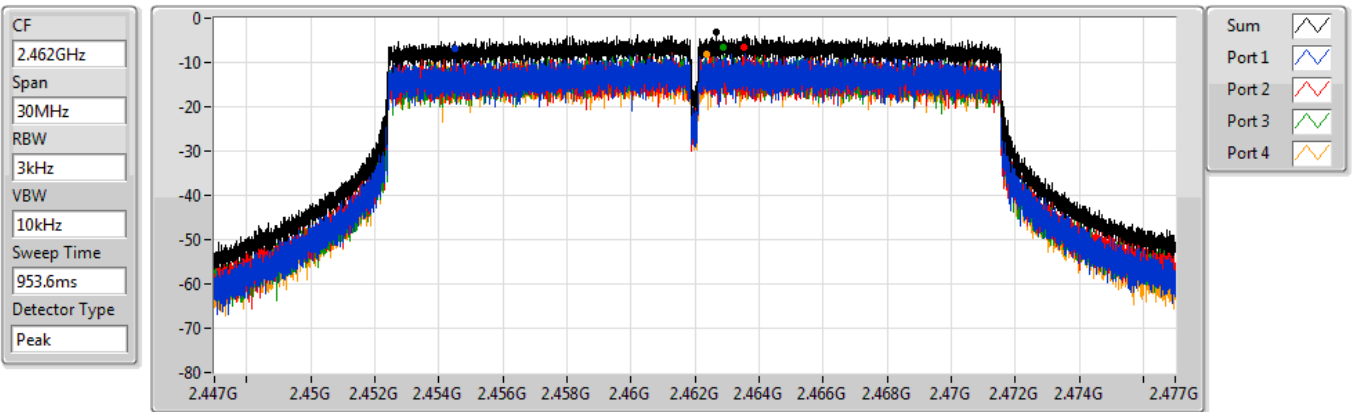
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.06	1.06	-1.78	-2.99	-2.46	-2.62

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

2462MHz

22/03/2021



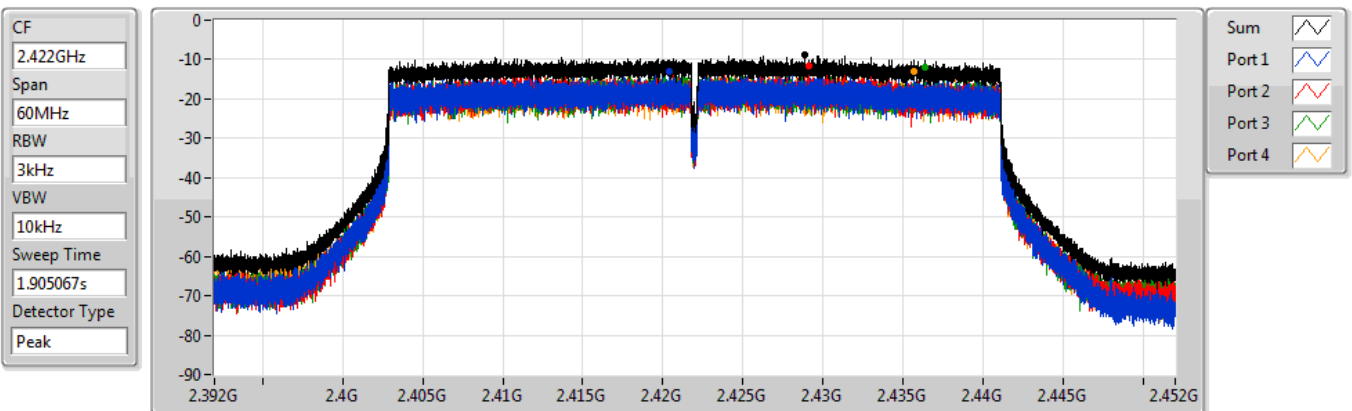
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.26	-3.26	-6.99	-6.49	-6.49	-8.20

802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

2422MHz

22/03/2021



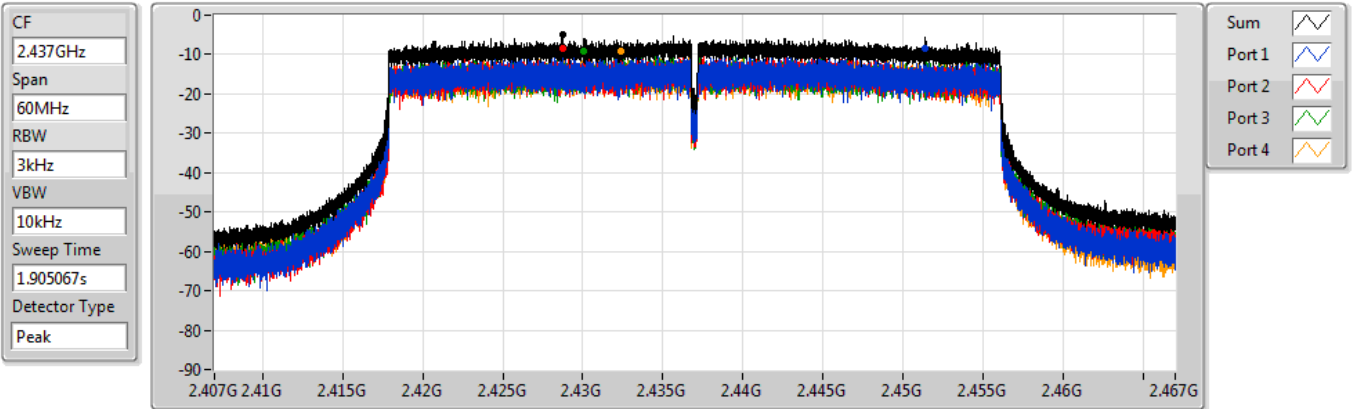
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.87	-8.87	-13.14	-11.71	-11.95	-13.05

802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

2437MHz

22/03/2021



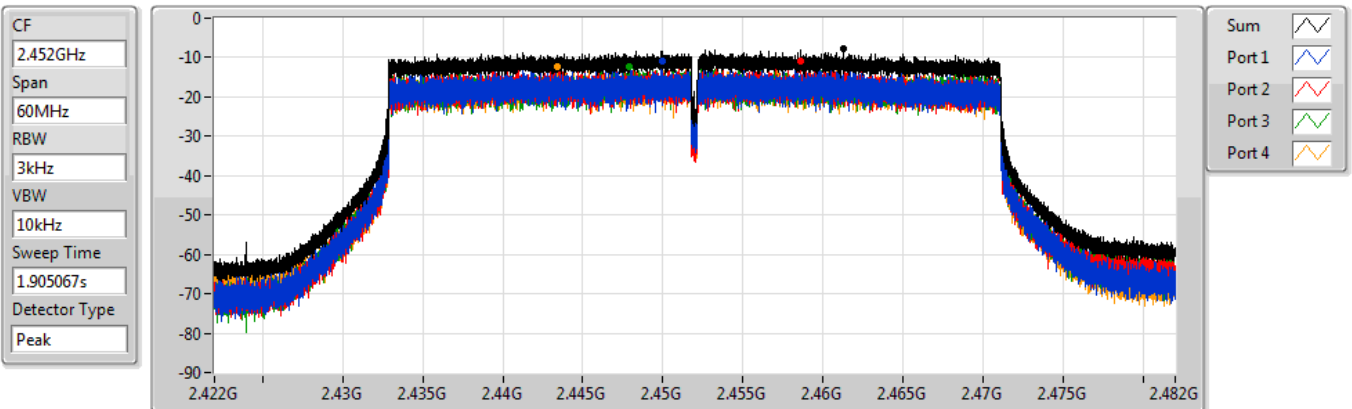
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.00	-5.00	-8.56	-8.55	-9.11	-9.02

802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

2452MHz

22/03/2021



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.91	-7.91	-10.73	-10.84	-12.18	-12.17



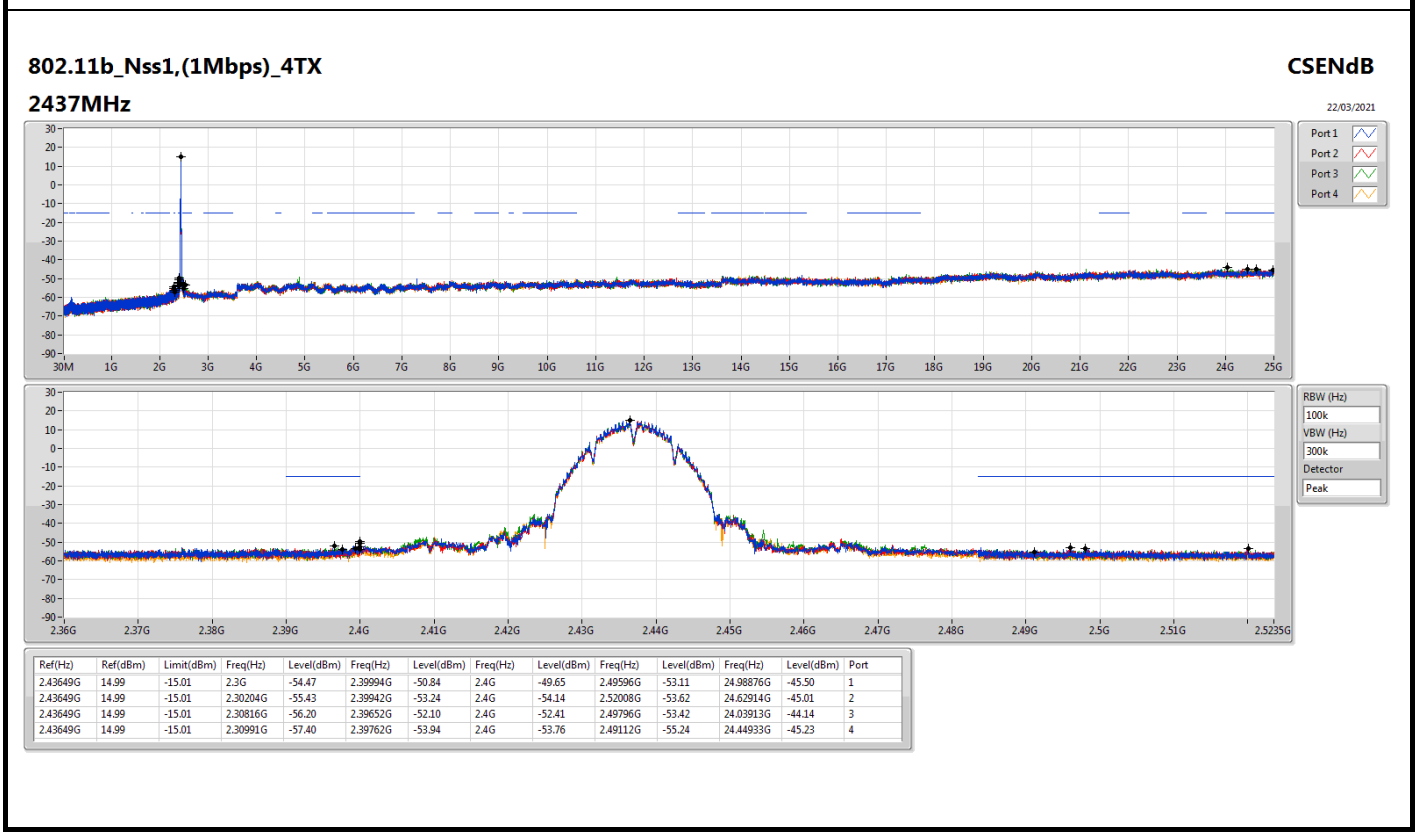
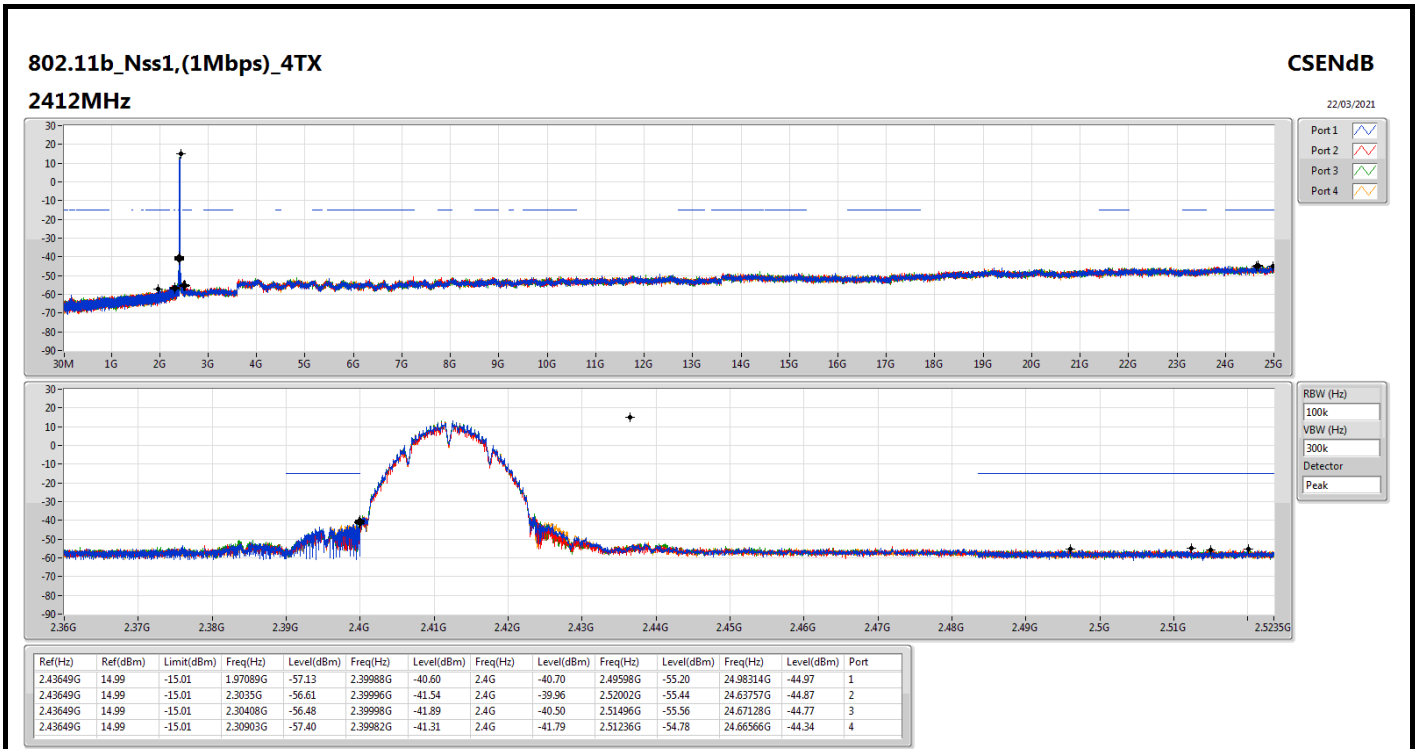
Summary

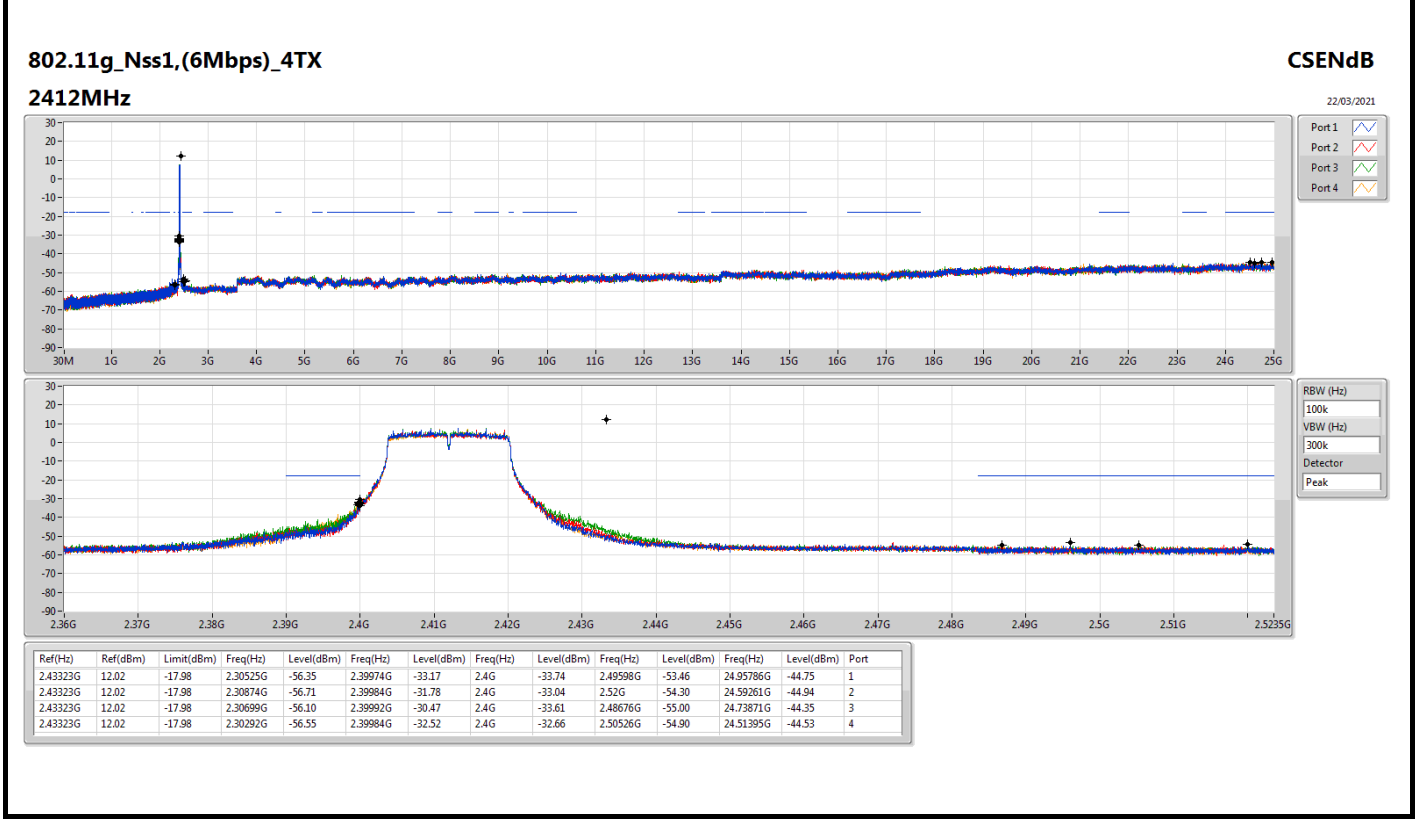
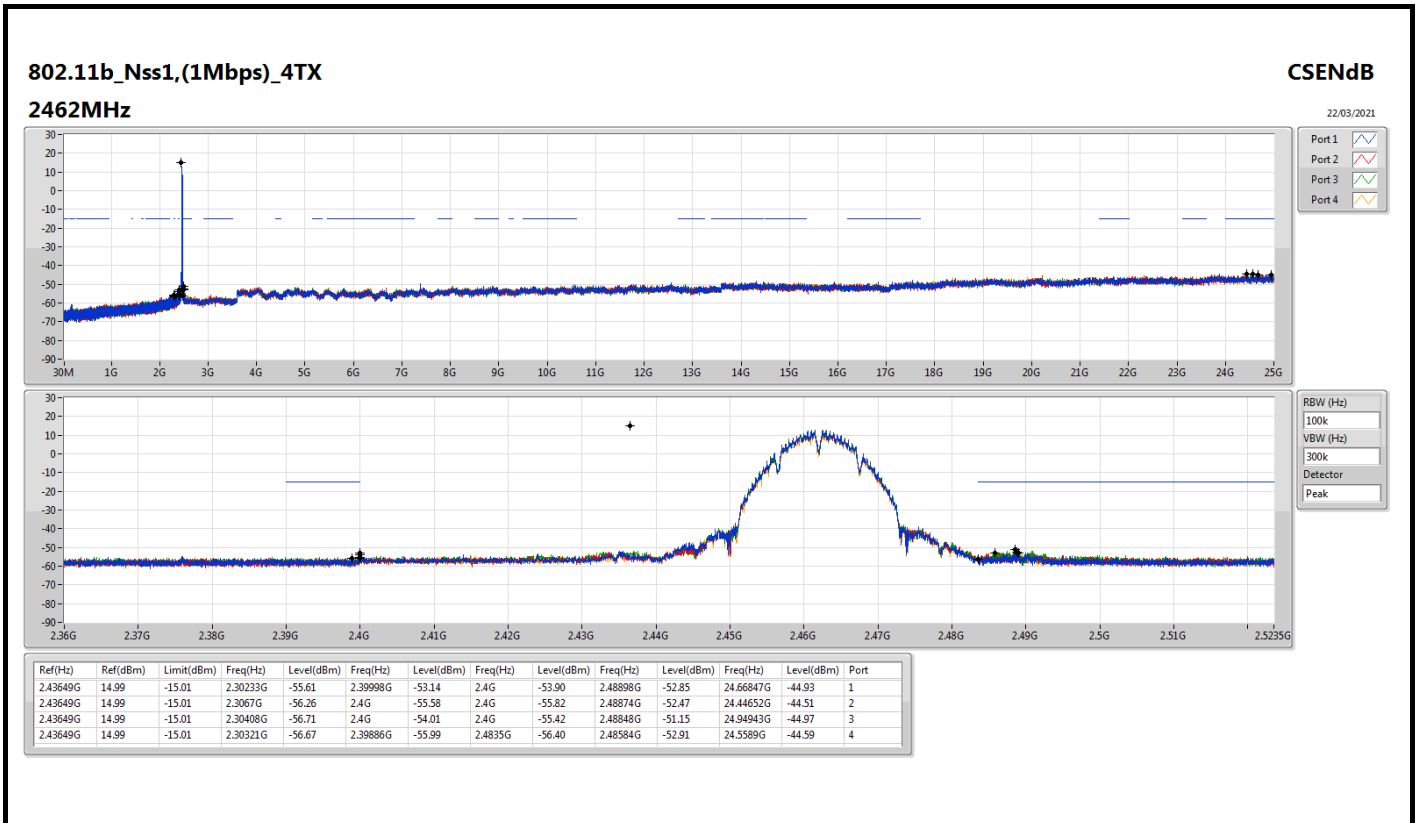
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_4TX	Pass	2.43649G	14.99	-15.01	2.3035G	-56.61	2.39996G	-41.54	2.4G	-39.96	2.52002G	-55.44	24.63757G	-44.87	2
802.11g_Nss1,(6Mbps)_4TX	Pass	2.43323G	12.02	-17.98	2.30699G	-56.10	2.39992G	-30.47	2.4G	-33.61	2.48676G	-55.00	24.73871G	-44.35	3
802.11ax HEW20_Nss1,(MCS0)_4TX	Pass	2.43945G	11.06	-18.94	2.30379G	-56.60	2.39994G	-33.39	2.4G	-33.86	2.51644G	-55.03	24.67971G	-44.28	2
802.11ax HEW40_Nss1,(MCS0)_4TX	Pass	2.42572G	3.61	-26.39	32.58M	-56.15	2.39996G	-39.07	2.4G	-38.62	2.49978G	-55.05	24.64382G	-45.04	3

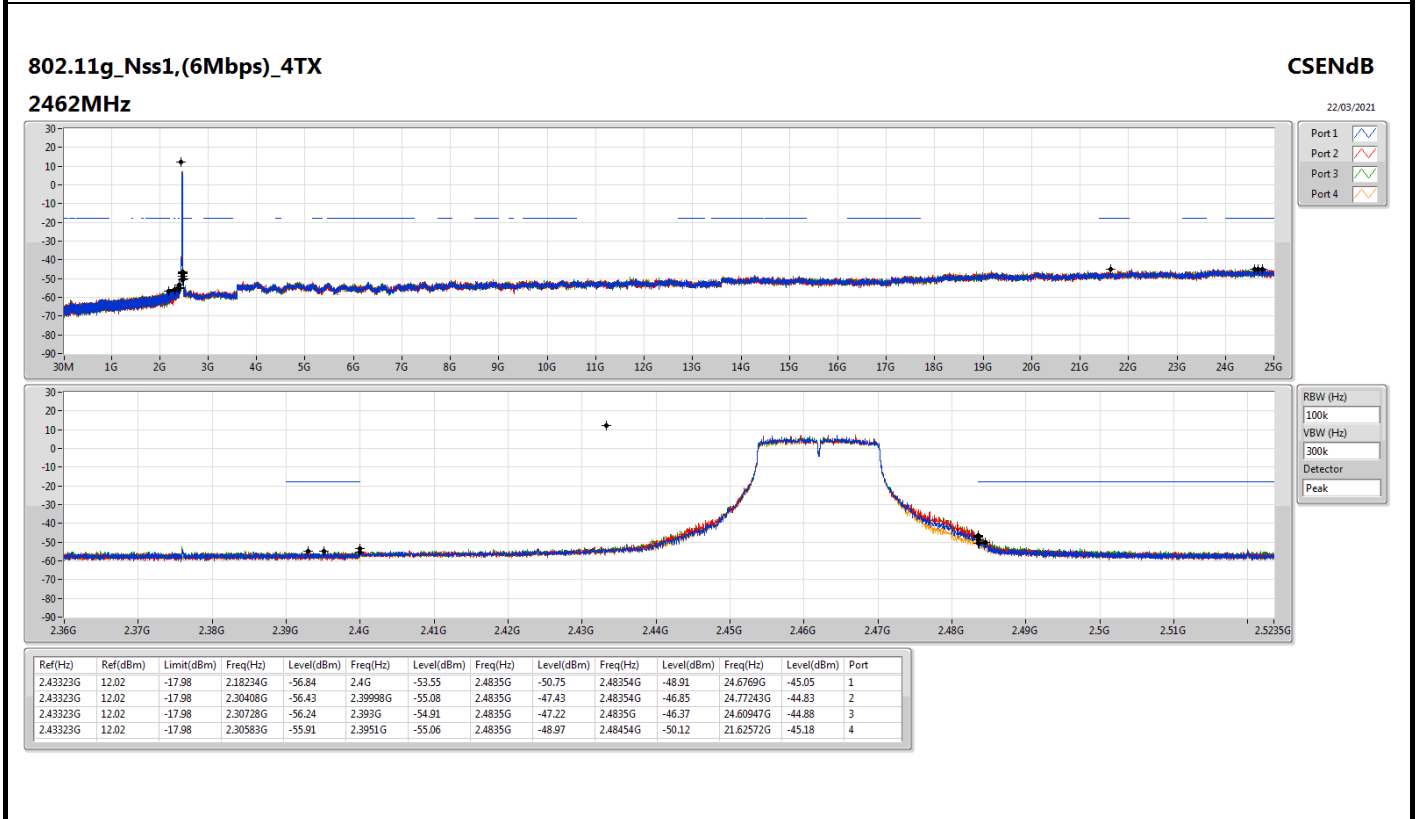
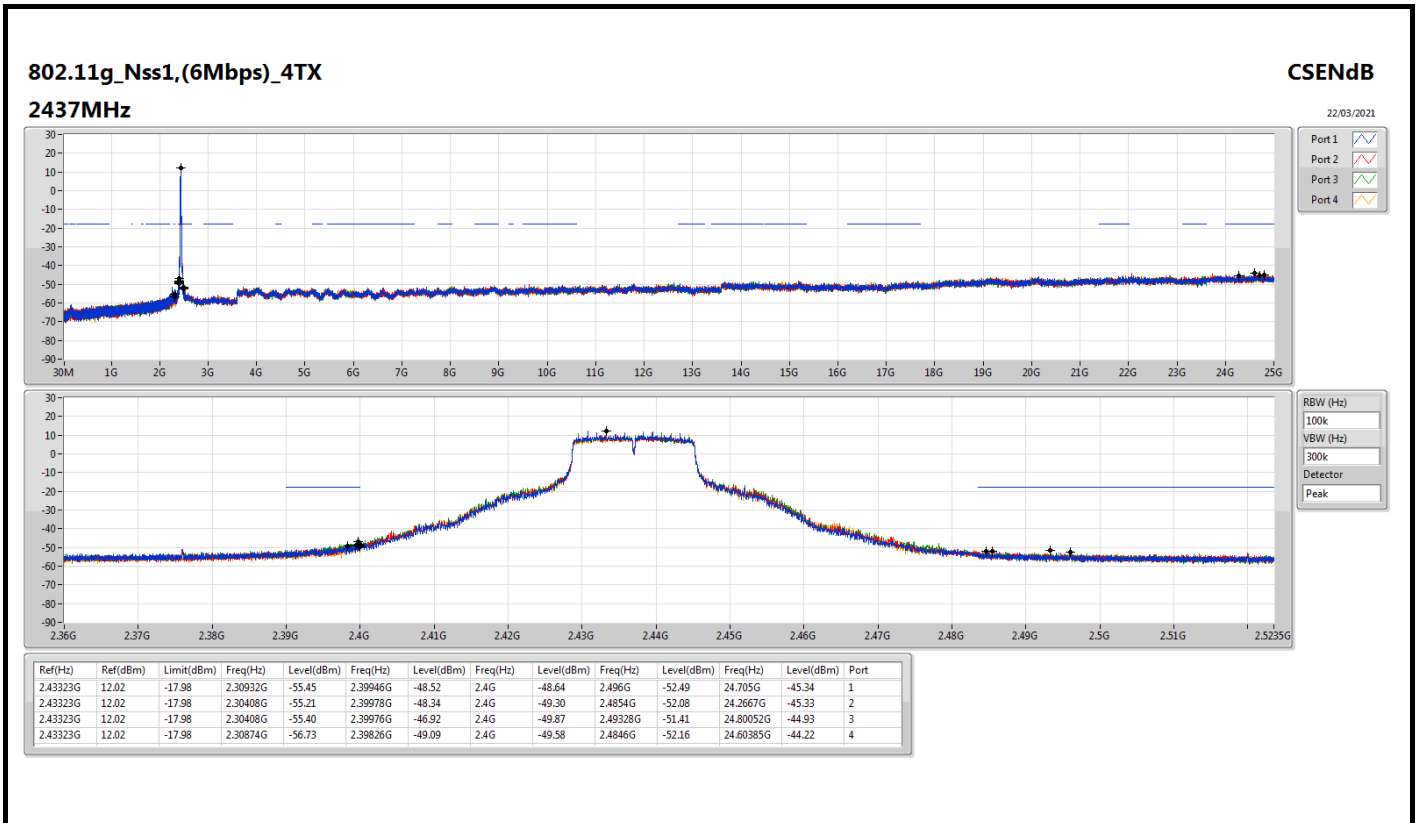


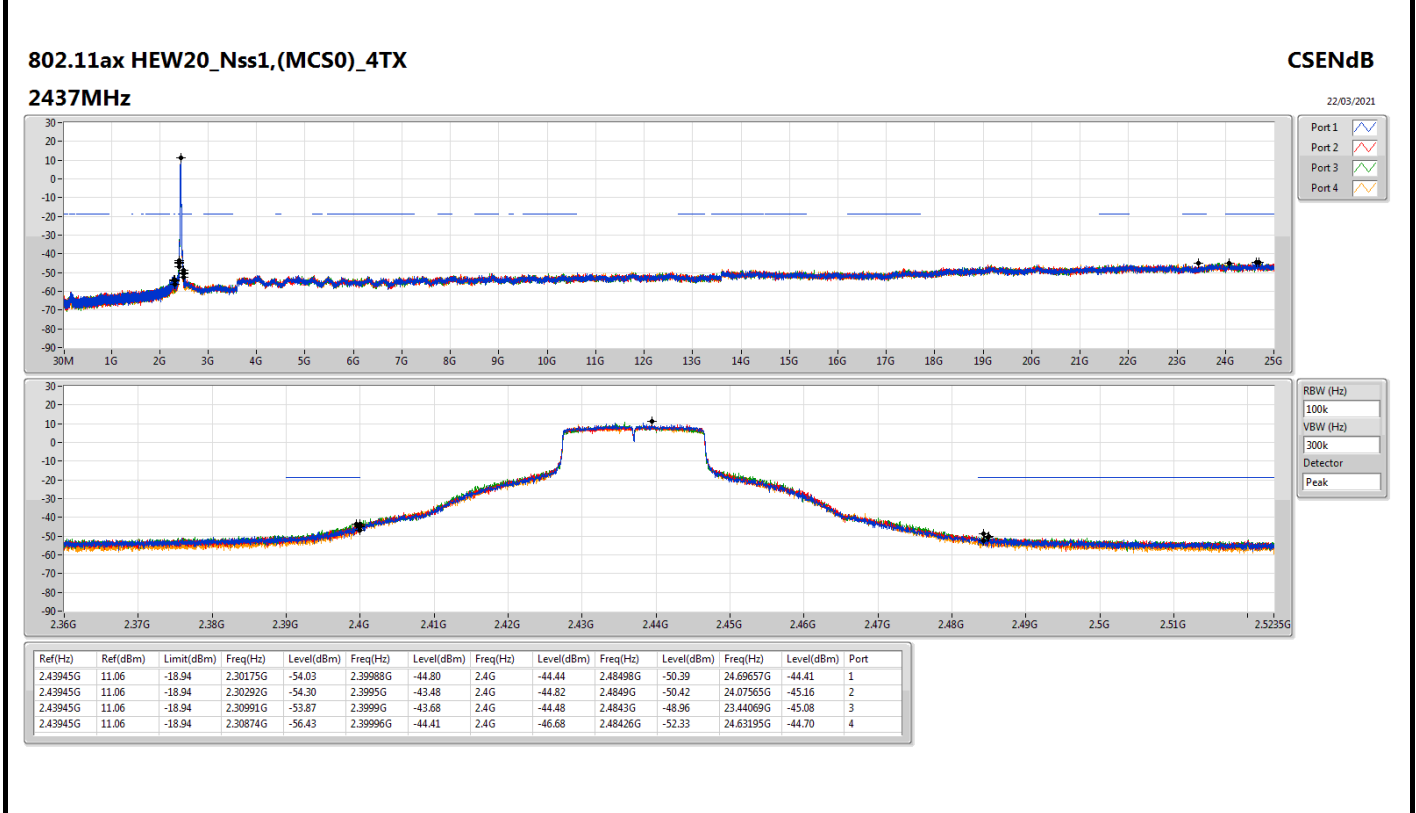
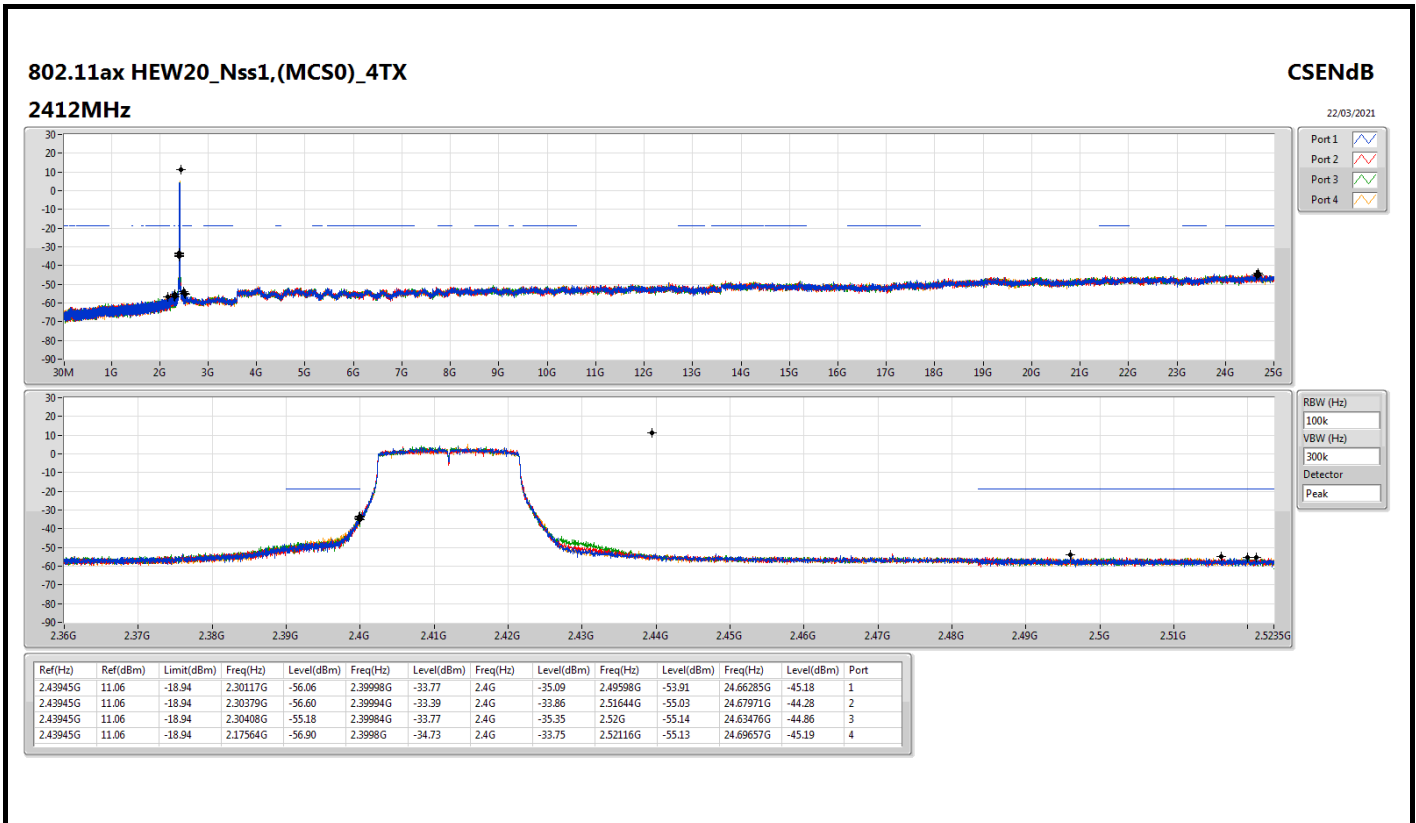
Result

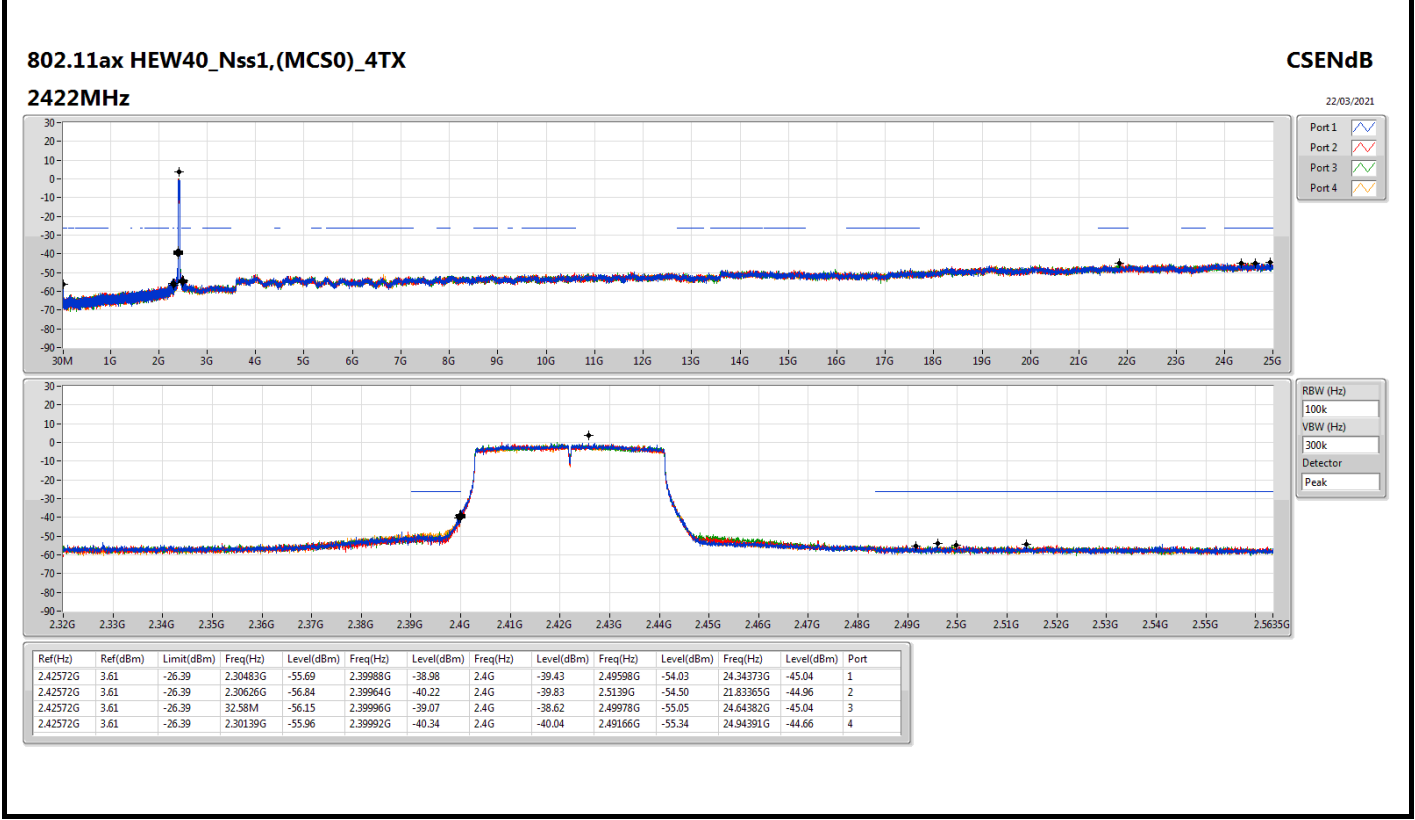
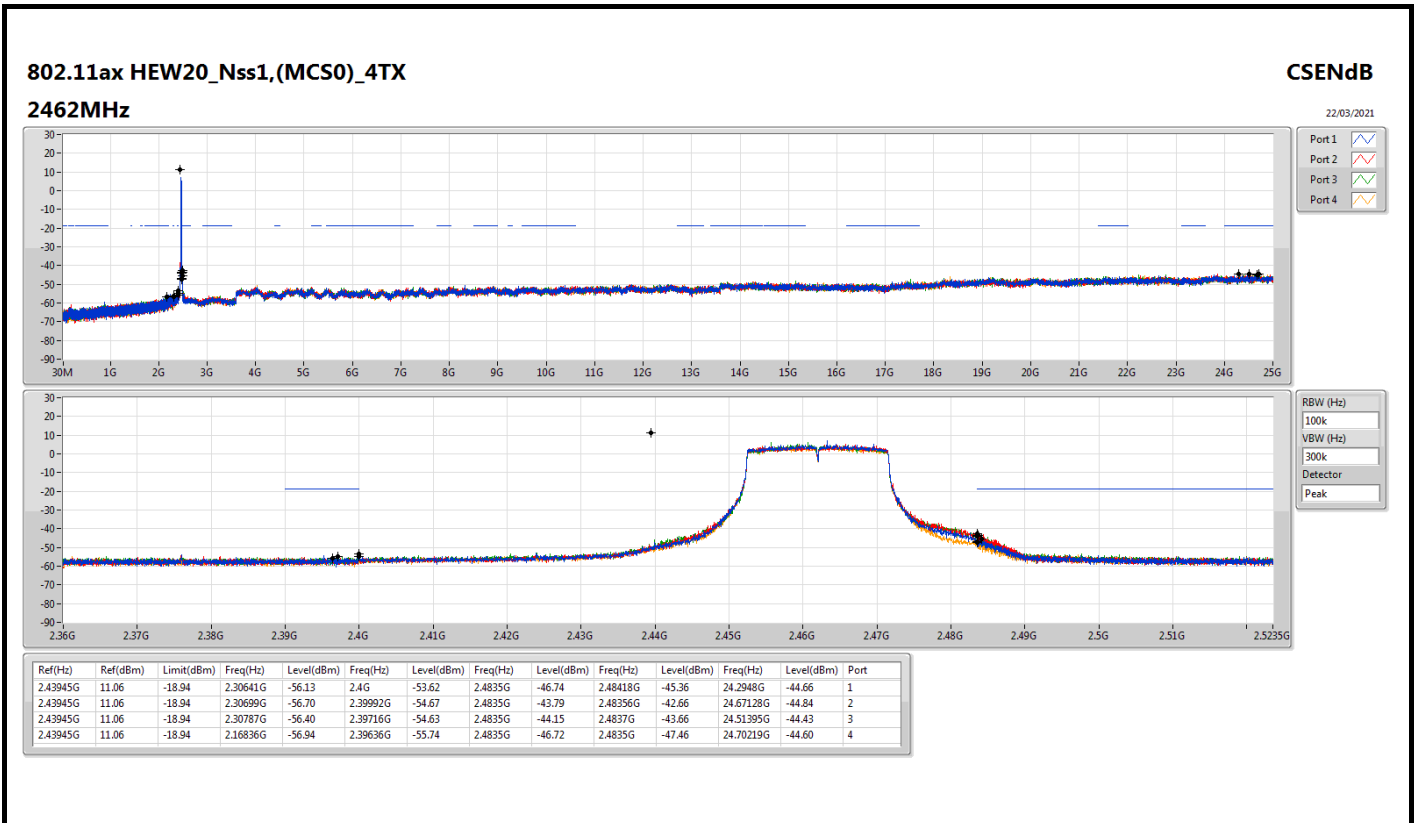
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.43649G	14.99	-15.01	1.97089G	-57.13	2.39988G	-40.60	2.4G	-40.70	2.49598G	-55.20	24.98314G	-44.97	1
2412MHz_TnomVnom	Pass	2.43649G	14.99	-15.01	2.3035G	-56.61	2.39996G	-41.54	2.4G	-39.96	2.52002G	-55.44	24.63757G	-44.87	2
2412MHz_TnomVnom	Pass	2.43649G	14.99	-15.01	2.30408G	-56.48	2.39998G	-41.89	2.4G	-40.50	2.51496G	-55.56	24.67128G	-44.77	3
2412MHz_TnomVnom	Pass	2.43649G	14.99	-15.01	2.30903G	-57.40	2.39982G	-41.31	2.4G	-41.79	2.51236G	-54.78	24.66566G	-44.34	4
2437MHz_TnomVnom	Pass	2.43649G	14.99	-15.01	2.3G	-54.47	2.39994G	-50.84	2.4G	-49.65	2.49596G	-53.11	24.98876G	-45.50	1
2437MHz_TnomVnom	Pass	2.43649G	14.99	-15.01	2.30204G	-55.43	2.39942G	-53.24	2.4G	-54.14	2.52008G	-53.62	24.62914G	-45.01	2
2437MHz_TnomVnom	Pass	2.43649G	14.99	-15.01	2.30816G	-56.20	2.39652G	-52.10	2.4G	-52.41	2.49796G	-53.42	24.03913G	-44.14	3
2437MHz_TnomVnom	Pass	2.43649G	14.99	-15.01	2.30991G	-57.40	2.39762G	-53.94	2.4G	-53.76	2.49112G	-55.24	24.44933G	-45.23	4
2462MHz_TnomVnom	Pass	2.43649G	14.99	-15.01	2.30233G	-55.61	2.39998G	-53.14	2.4G	-53.90	2.48898G	-52.85	24.66847G	-44.93	1
2462MHz_TnomVnom	Pass	2.43649G	14.99	-15.01	2.3067G	-56.26	2.4G	-55.58	2.4G	-55.82	2.48874G	-52.47	24.44652G	-44.51	2
2462MHz_TnomVnom	Pass	2.43649G	14.99	-15.01	2.30408G	-56.71	2.4G	-54.01	2.4G	-55.42	2.48848G	-51.15	24.94943G	-44.97	3
2462MHz_TnomVnom	Pass	2.43649G	14.99	-15.01	2.30321G	-56.67	2.39886G	-55.99	2.4835G	-56.40	2.48548G	-52.91	24.5589G	-44.59	4
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.43323G	12.02	-17.98	2.30525G	-56.35	2.39974G	-33.17	2.4G	-33.74	2.49598G	-53.46	24.95786G	-44.75	1
2412MHz_TnomVnom	Pass	2.43323G	12.02	-17.98	2.30874G	-56.71	2.39984G	-31.78	2.4G	-33.04	2.52G	-54.30	24.59261G	-44.94	2
2412MHz_TnomVnom	Pass	2.43323G	12.02	-17.98	2.30699G	-56.10	2.39992G	-30.47	2.4G	-33.61	2.48676G	-55.00	24.73871G	-44.35	3
2412MHz_TnomVnom	Pass	2.43323G	12.02	-17.98	2.30292G	-56.55	2.39984G	-32.52	2.4G	-32.66	2.50526G	-54.90	24.51395G	-44.53	4
2437MHz_TnomVnom	Pass	2.43323G	12.02	-17.98	2.30932G	-55.45	2.39946G	-48.52	2.4G	-48.64	2.496G	-52.49	24.705G	-45.34	1
2437MHz_TnomVnom	Pass	2.43323G	12.02	-17.98	2.30408G	-55.21	2.39978G	-48.34	2.4G	-49.30	2.4854G	-52.08	24.2667G	-45.33	2
2437MHz_TnomVnom	Pass	2.43323G	12.02	-17.98	2.30408G	-55.40	2.39976G	-46.92	2.4G	-49.87	2.49328G	-51.41	24.80052G	-44.93	3
2437MHz_TnomVnom	Pass	2.43323G	12.02	-17.98	2.30874G	-56.73	2.39826G	-49.09	2.4G	-49.58	2.4846G	-52.16	24.60385G	-44.22	4
2462MHz_TnomVnom	Pass	2.43323G	12.02	-17.98	2.18234G	-56.84	2.4G	-53.55	2.4835G	-50.75	2.48354G	-48.91	24.6769G	-45.05	1
2462MHz_TnomVnom	Pass	2.43323G	12.02	-17.98	2.30408G	-56.43	2.39998G	-55.08	2.4835G	-47.43	2.48354G	-46.85	24.77243G	-44.83	2
2462MHz_TnomVnom	Pass	2.43323G	12.02	-17.98	2.30728G	-56.24	2.393G	-54.91	2.4835G	-47.22	2.4835G	-46.37	24.60947G	-44.88	3
2462MHz_TnomVnom	Pass	2.43323G	12.02	-17.98	2.30583G	-55.91	2.3951G	-55.06	2.4835G	-48.97	2.48454G	-50.12	21.62572G	-45.18	4
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.43945G	11.06	-18.94	2.30117G	-56.06	2.39998G	-33.77	2.4G	-35.09	2.49598G	-53.91	24.66285G	-45.18	1
2412MHz_TnomVnom	Pass	2.43945G	11.06	-18.94	2.30379G	-56.60	2.39994G	-33.39	2.4G	-33.86	2.51644G	-55.03	24.67971G	-44.28	2
2412MHz_TnomVnom	Pass	2.43945G	11.06	-18.94	2.30408G	-55.18	2.39984G	-33.77	2.4G	-35.35	2.52G	-55.14	24.63476G	-44.86	3
2412MHz_TnomVnom	Pass	2.43945G	11.06	-18.94	2.17564G	-56.90	2.3998G	-34.73	2.4G	-33.75	2.52116G	-55.13	24.69657G	-45.19	4
2437MHz_TnomVnom	Pass	2.43945G	11.06	-18.94	2.30175G	-54.03	2.39988G	-44.80	2.4G	-44.44	2.48498G	-50.39	24.69657G	-44.41	1
2437MHz_TnomVnom	Pass	2.43945G	11.06	-18.94	2.30292G	-54.30	2.39995G	-43.48	2.4G	-44.82	2.4849G	-50.42	24.07565G	-45.16	2
2437MHz_TnomVnom	Pass	2.43945G	11.06	-18.94	2.30991G	-53.87	2.3999G	-43.68	2.4G	-44.48	2.4843G	-48.96	23.44069G	-45.08	3
2437MHz_TnomVnom	Pass	2.43945G	11.06	-18.94	2.30874G	-56.43	2.39996G	-44.41	2.4G	-46.68	2.48426G	-52.33	24.63195G	-44.70	4
2462MHz_TnomVnom	Pass	2.43945G	11.06	-18.94	2.30641G	-56.13	2.4G	-53.62	2.4835G	-46.74	2.48418G	-45.36	24.2948G	-44.66	1
2462MHz_TnomVnom	Pass	2.43945G	11.06	-18.94	2.30699G	-56.70	2.39992G	-54.67	2.4835G	-43.79	2.48356G	-42.66	24.67128G	-44.84	2
2462MHz_TnomVnom	Pass	2.43945G	11.06	-18.94	2.30787G	-56.40	2.39716G	-54.63	2.4835G	-44.15	2.4837G	-43.66	24.51395G	-44.43	3
2462MHz_TnomVnom	Pass	2.43945G	11.06	-18.94	2.16836G	-56.94	2.39636G	-55.74	2.4835G	-46.72	2.4835G	-47.46	24.70219G	-44.60	4
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	2.42572G	3.61	-26.39	2.30483G	-55.69	2.39988G	-38.98	2.4G	-39.43	2.49598G	-54.03	24.34373G	-45.04	1
2422MHz_TnomVnom	Pass	2.42572G	3.61	-26.39	2.30626G	-56.84	2.39964G	-40.22	2.4G	-39.83	2.5139G	-54.50	21.83365G	-44.96	2
2422MHz_TnomVnom	Pass	2.42572G	3.61	-26.39	32.58M	-56.15	2.39996G	-39.07	2.4G	-38.62	2.49978G	-55.05	24.64382G	-45.04	3
2422MHz_TnomVnom	Pass	2.42572G	3.61	-26.39	2.30139G	-55.96	2.39992G	-40.34	2.4G	-40.04	2.49166G	-55.34	24.94391G	-44.66	4
2437MHz_TnomVnom	Pass	2.42572G	3.61	-26.39	34.29M	-54.29	2.39988G	-45.89	2.4G	-45.81	2.48362G	-48.16	24.64382G	-45.22	1
2437MHz_TnomVnom	Pass	2.42572G	3.61	-26.39	31.72M	-53.09	2.39996G	-46.35	2.4G	-47.09	2.48374G	-46.40	24.81209G	-45.13	2
2437MHz_TnomVnom	Pass	2.42572G	3.61	-26.39	32.29M	-53.15	2.39988G	-45.33	2.4G	-46.32	2.4835G	-46.90	24.91306G	-44.50	3
2437MHz_TnomVnom	Pass	2.42572G	3.61	-26.39	31.72M	-54.00	2.3982G	-44.83	2.4G	-45.78	2.4835G	-49.61	24.35776G	-45.00	4
2452MHz_TnomVnom	Pass	2.42572G	3.61	-26.39	2.30798G	-54.27	2.39996G	-53.31	2.4835G	-48.16	2.48386G	-47.80	24.62699G	-44.60	1
2452MHz_TnomVnom	Pass	2.42572G	3.61	-26.39	2.30855G	-55.15	2.39948G	-53.27	2.4835G	-46.89	2.48446G	-45.42	24.13619G	-45.09	2
2452MHz_TnomVnom	Pass	2.42572G	3.61	-26.39	30.29M	-55.48	2.39996G	-54.18	2.4835G	-48.63	2.48506G	-45.00	24.83734G	-44.58	3
2452MHz_TnomVnom	Pass	2.42572G	3.61	-26.39	2.30597G	-55.90	2.3984G	-54.25	2.4835G	-51.39	2.4845G	-49.14	24.61017G	-44.96	4

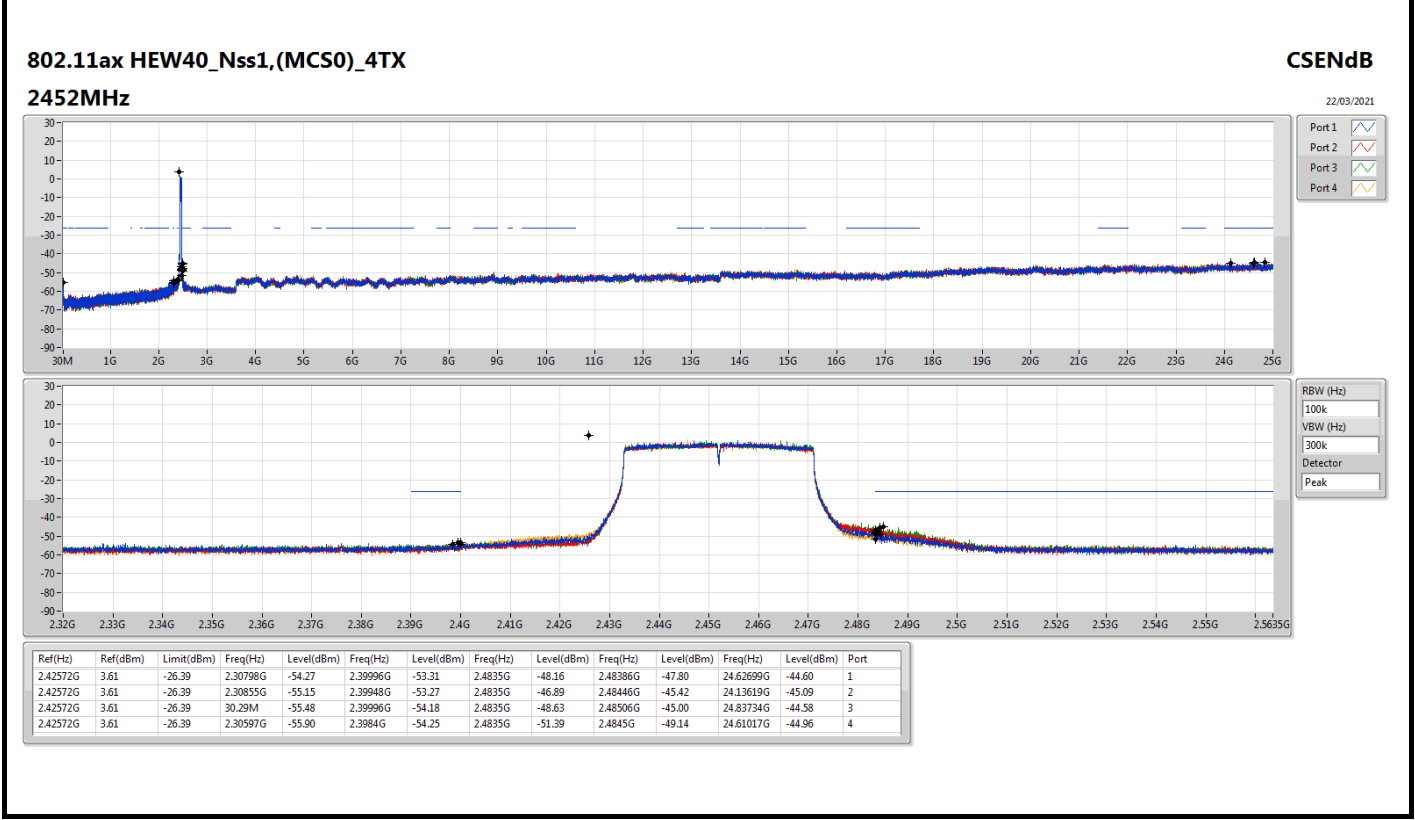
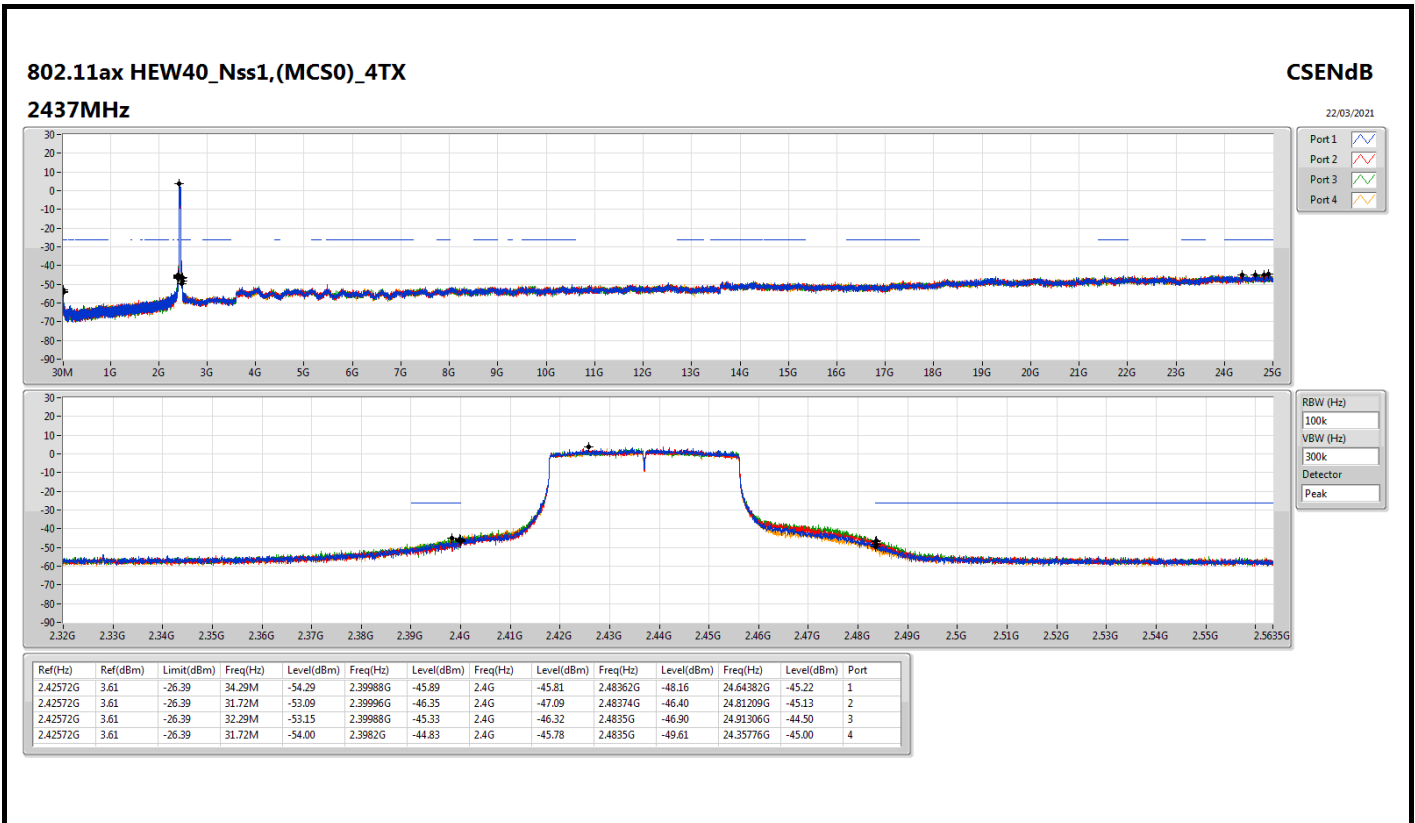














Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW40_Nss1,(MCS0)_4TX	Pass	PK	39.7M	33.83	40.00	-6.17	3	Vertical	360	1.00	-

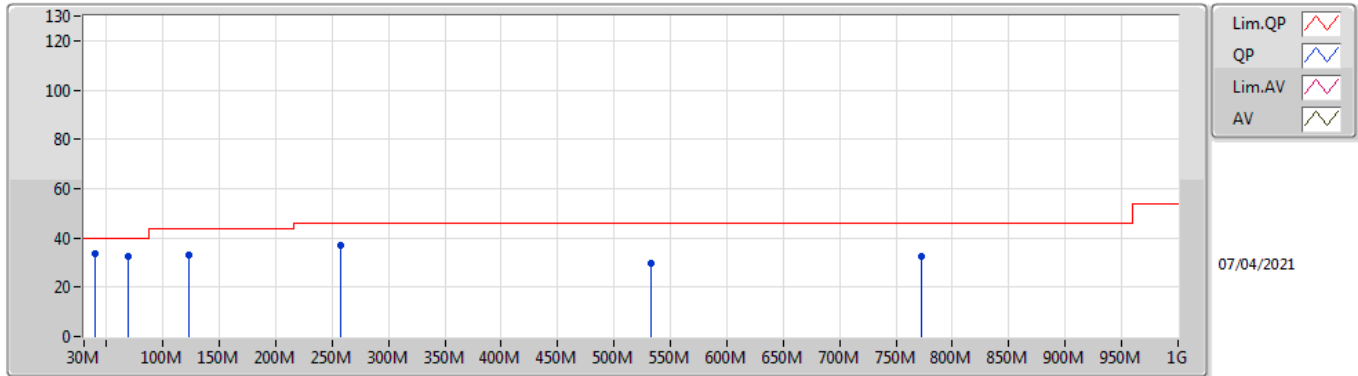


Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
2437MHz	Pass	PK	39.7M	33.83	40.00	-6.17	3	Vertical	360	1.00	-
2437MHz	Pass	PK	68.8M	32.36	40.00	-7.64	3	Vertical	360	1.00	-
2437MHz	Pass	PK	123.12M	33.00	43.50	-10.50	3	Vertical	360	1.00	-
2437MHz	Pass	PK	256.98M	36.73	46.00	-9.27	3	Vertical	360	1.00	-
2437MHz	Pass	PK	532.46M	29.77	46.00	-16.23	3	Vertical	360	1.00	-
2437MHz	Pass	PK	773.02M	32.34	46.00	-13.66	3	Vertical	360	1.00	-
2437MHz	Pass	PK	105.66M	35.76	43.50	-7.74	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	161.92M	31.16	43.50	-12.34	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	196.84M	32.81	43.50	-10.69	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	251.16M	36.31	46.00	-9.69	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	557.68M	28.93	46.00	-17.07	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	800.18M	32.84	46.00	-13.16	3	Horizontal	0	1.00	-

802.11ax HEW40_Nss1,(MCS0)_4TX

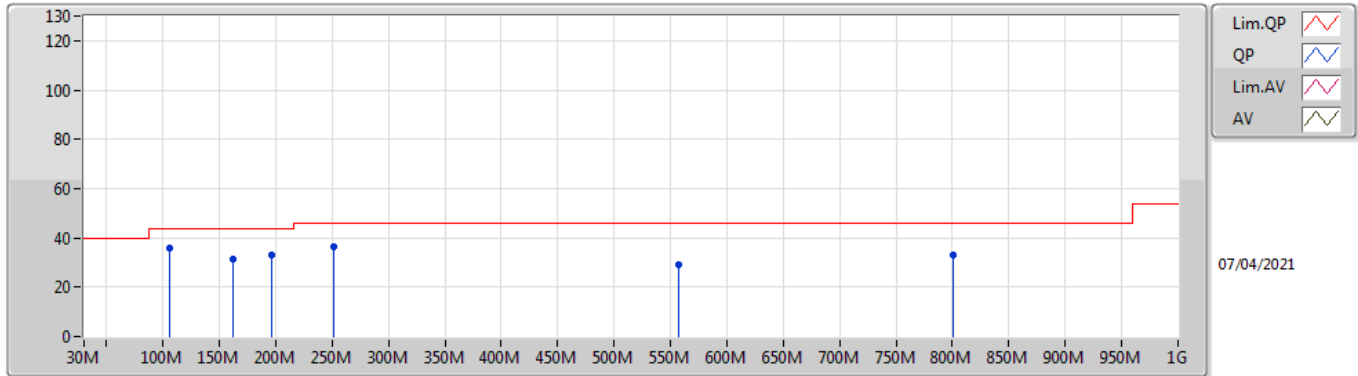
2437MHz_Adapter



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	39.7M	33.83	40.00	-6.17	-17.66	3	Vertical	360	1.00	-	51.49	18.63	0.74	37.03
PK	68.8M	32.36	40.00	-7.64	-24.73	3	Vertical	360	1.00	-	57.09	11.31	0.84	36.88
PK	123.12M	33.00	43.50	-10.50	-18.49	3	Vertical	360	1.00	-	51.49	16.89	1.09	36.47
PK	256.98M	36.73	46.00	-9.27	-16.21	3	Vertical	360	1.00	-	52.94	18.69	1.52	36.42
PK	532.46M	29.77	46.00	-16.23	-11.49	3	Vertical	360	1.00	-	41.26	23.24	2.33	37.06
PK	773.02M	32.34	46.00	-13.66	-7.23	3	Vertical	360	1.00	-	39.57	27.34	2.77	37.34

802.11ax HEW40_Nss1,(MCS0)_4TX

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	105.66M	35.76	43.50	-7.74	-19.80	3	Horizontal	0	1.00	-	55.56	15.74	1.00	36.54
PK	161.92M	31.16	43.50	-12.34	-19.44	3	Horizontal	0	1.00	-	50.60	15.65	1.23	36.32
PK	196.84M	32.81	43.50	-10.69	-20.88	3	Horizontal	0	1.00	-	53.69	14.02	1.31	36.21
PK	251.16M	36.31	46.00	-9.69	-17.11	3	Horizontal	0	1.00	-	53.42	17.82	1.50	36.43
PK	557.68M	28.93	46.00	-17.07	-9.46	3	Horizontal	0	1.00	-	38.39	25.25	2.39	37.10
PK	800.18M	32.84	46.00	-13.16	-7.55	3	Horizontal	0	1.00	-	40.39	27.21	2.75	37.51



Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_4TX	Pass	AV	2.3854G	53.81	54.00	-0.19	3	Vertical	325	1.95	-
802.11g_Nss1,(6Mbps)_4TX	Pass	AV	2.3872G	53.35	54.00	-0.65	3	Vertical	94.1	1.79	-
802.11ax HEW20_Nss1,(MCS0)_4TX	Pass	AV	2.4835G	53.71	54.00	-0.29	3	Vertical	260	2.35	-
802.11ax HEW40_Nss1,(MCS0)_4TX	Pass	AV	2.39G	53.79	54.00	-0.21	3	Vertical	51	1.94	-



Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3854G	53.81	54.00	-0.19	3	Vertical	325	1.95	-
2412MHz	Pass	AV	2.4128G	113.80	Inf	-Inf	3	Vertical	325	1.95	-
2412MHz	Pass	PK	2.3852G	61.00	74.00	-13.00	3	Vertical	325	1.95	-
2412MHz	Pass	PK	2.4124G	116.64	Inf	-Inf	3	Vertical	325	1.95	-
2412MHz	Pass	AV	2.3854G	50.67	54.00	-3.33	3	Horizontal	88	2.58	-
2412MHz	Pass	AV	2.411G	112.59	Inf	-Inf	3	Horizontal	88	2.58	-
2412MHz	Pass	PK	2.3874G	59.16	74.00	-14.84	3	Horizontal	88	2.58	-
2412MHz	Pass	PK	2.4112G	114.90	Inf	-Inf	3	Horizontal	88	2.58	-
2412MHz	Pass	AV	4.82383G	35.32	54.00	-18.68	3	Vertical	0	1.59	-
2412MHz	Pass	PK	4.8244G	42.14	74.00	-28.86	3	Vertical	0	1.59	-
2412MHz	Pass	AV	4.82394G	38.58	54.00	-15.42	3	Horizontal	95	1.51	-
2412MHz	Pass	PK	4.8239G	46.35	74.00	-27.65	3	Horizontal	95	1.51	-
2417MHz	Pass	AV	2.3888G	53.16	54.00	-0.84	3	Vertical	309	1.50	-
2417MHz	Pass	AV	2.4178G	114.08	Inf	-Inf	3	Vertical	309	1.50	-
2417MHz	Pass	PK	2.3874G	60.64	74.00	-13.36	3	Vertical	309	1.50	-
2417MHz	Pass	PK	2.4174G	116.89	Inf	-Inf	3	Vertical	309	1.50	-
2417MHz	Pass	AV	2.39G	53.33	54.00	-0.67	3	Horizontal	96	1.87	-
2417MHz	Pass	AV	2.4162G	113.03	Inf	-Inf	3	Horizontal	96	1.87	-
2417MHz	Pass	PK	2.39G	61.66	74.00	-12.34	3	Horizontal	96	1.87	-
2417MHz	Pass	PK	2.4176G	115.51	Inf	-Inf	3	Horizontal	96	1.87	-
2437MHz	Pass	AV	2.3882G	52.57	54.00	-1.43	3	Vertical	315	2.22	-
2437MHz	Pass	AV	2.4342G	114.06	Inf	-Inf	3	Vertical	315	2.22	-
2437MHz	Pass	AV	2.4874G	51.85	54.00	-2.15	3	Vertical	315	2.22	-
2437MHz	Pass	PK	2.3866G	60.63	74.00	-13.37	3	Vertical	315	2.22	-
2437MHz	Pass	PK	2.4406G	118.37	Inf	-Inf	3	Vertical	315	2.22	-
2437MHz	Pass	PK	2.4878G	60.77	74.00	-13.23	3	Vertical	315	2.22	-
2437MHz	Pass	AV	2.3882G	49.96	54.00	-4.04	3	Horizontal	87	2.84	-
2437MHz	Pass	AV	2.4362G	113.46	Inf	-Inf	3	Horizontal	87	2.84	-
2437MHz	Pass	AV	2.4838G	47.56	54.00	-6.44	3	Horizontal	87	2.84	-
2437MHz	Pass	PK	2.3886G	59.71	74.00	-14.29	3	Horizontal	87	2.84	-
2437MHz	Pass	PK	2.4374G	116.56	Inf	-Inf	3	Horizontal	87	2.84	-
2437MHz	Pass	PK	2.4838G	58.15	74.00	-15.85	3	Horizontal	87	2.84	-
2437MHz	Pass	AV	4.87407G	39.14	54.00	-14.86	3	Vertical	211	1.57	-
2437MHz	Pass	AV	7.31018G	42.41	54.00	-11.59	3	Vertical	124	2.54	-
2437MHz	Pass	PK	4.8741G	46.53	74.00	-27.47	3	Vertical	211	1.57	-
2437MHz	Pass	PK	7.30999G	51.92	74.00	-22.08	3	Vertical	124	2.54	-
2437MHz	Pass	AV	4.87402G	42.65	54.00	-11.35	3	Horizontal	92	1.62	-
2437MHz	Pass	AV	7.31038G	41.83	54.00	-12.17	3	Horizontal	306	1.58	-
2437MHz	Pass	PK	4.87406G	48.45	74.00	-25.55	3	Horizontal	92	1.62	-
2437MHz	Pass	PK	7.31188G	51.36	74.00	-22.64	3	Horizontal	306	1.58	-
2457MHz	Pass	AV	2.4578G	114.05	Inf	-Inf	3	Vertical	309	1.98	-
2457MHz	Pass	AV	2.4836G	53.45	54.00	-0.55	3	Vertical	309	1.98	-
2457MHz	Pass	PK	2.4574G	116.86	Inf	-Inf	3	Vertical	309	1.98	-
2457MHz	Pass	PK	2.4835G	61.62	74.00	-12.38	3	Vertical	309	1.98	-
2457MHz	Pass	AV	2.4562G	112.61	Inf	-Inf	3	Horizontal	83	3.00	-
2457MHz	Pass	AV	2.4856G	48.21	54.00	-5.79	3	Horizontal	83	3.00	-
2457MHz	Pass	PK	2.4578G	115.00	Inf	-Inf	3	Horizontal	83	3.00	-
2457MHz	Pass	PK	2.4856G	58.66	74.00	-15.34	3	Horizontal	83	3.00	-
2462MHz	Pass	AV	2.461G	114.28	Inf	-Inf	3	Vertical	318	2.14	-
2462MHz	Pass	AV	2.4888G	53.66	54.00	-0.34	3	Vertical	318	2.14	-
2462MHz	Pass	PK	2.4624G	116.85	Inf	-Inf	3	Vertical	318	2.14	-
2462MHz	Pass	PK	2.4902G	61.47	74.00	-12.53	3	Vertical	318	2.14	-
2462MHz	Pass	AV	2.4612G	112.39	Inf	-Inf	3	Horizontal	84	3.00	-
2462MHz	Pass	AV	2.4868G	47.64	54.00	-6.36	3	Horizontal	84	3.00	-
2462MHz	Pass	PK	2.4612G	114.62	Inf	-Inf	3	Horizontal	84	3.00	-
2462MHz	Pass	PK	2.4862G	58.34	74.00	-15.66	3	Horizontal	84	3.00	-
2462MHz	Pass	AV	4.92399G	36.25	54.00	-17.75	3	Vertical	212	1.36	-
2462MHz	Pass	AV	7.38459G	37.76	54.00	-16.24	3	Vertical	302	1.50	-
2462MHz	Pass	PK	4.9241G	45.39	74.00	-28.61	3	Vertical	212	1.36	-
2462MHz	Pass	PK	7.38382G	49.88	74.00	-24.12	3	Vertical	302	1.50	-



RSE TX above 1GHz_Non-Beamforming

Appendix F.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2462MHz	Pass	AV	4.92399G	37.48	54.00	-16.52	3	Horizontal	70	1.50	-
2462MHz	Pass	AV	7.38363G	37.88	54.00	-16.12	3	Horizontal	35	1.50	-
2462MHz	Pass	PK	4.92412G	45.49	74.00	-28.51	3	Horizontal	70	1.50	-
2462MHz	Pass	PK	7.3841G	50.25	74.00	-23.75	3	Horizontal	35	1.50	-
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3872G	53.35	54.00	-0.65	3	Vertical	94.1	1.79	-
2412MHz	Pass	AV	2.4068G	109.85	Inf	-Inf	3	Vertical	94.1	1.79	-
2412MHz	Pass	PK	2.387G	65.38	74.00	-8.62	3	Vertical	94.1	1.79	-
2412MHz	Pass	PK	2.4074G	118.59	Inf	-Inf	3	Vertical	94.1	1.79	-
2412MHz	Pass	AV	2.39G	50.09	54.00	-3.91	3	Horizontal	98	1.87	-
2412MHz	Pass	AV	2.4138G	106.33	Inf	-Inf	3	Horizontal	98	1.87	-
2412MHz	Pass	PK	2.39G	63.60	74.00	-10.40	3	Horizontal	98	1.87	-
2412MHz	Pass	PK	2.4146G	115.29	Inf	-Inf	3	Horizontal	98	1.87	-
2412MHz	Pass	AV	4.82412G	31.47	54.00	-22.53	3	Vertical	326	1.50	-
2412MHz	Pass	PK	4.8278G	44.45	74.00	-29.55	3	Vertical	326	1.50	-
2412MHz	Pass	AV	4.82798G	31.20	54.00	-22.80	3	Horizontal	92	1.23	-
2412MHz	Pass	PK	4.8246G	44.75	74.00	-29.25	3	Horizontal	92	1.23	-
2417MHz	Pass	AV	2.39G	53.28	54.00	-0.72	3	Vertical	75	1.79	-
2417MHz	Pass	AV	2.4136G	110.55	Inf	-Inf	3	Vertical	75	1.79	-
2417MHz	Pass	PK	2.39G	66.35	74.00	-7.65	3	Vertical	75	1.79	-
2417MHz	Pass	PK	2.4136G	119.41	Inf	-Inf	3	Vertical	75	1.79	-
2417MHz	Pass	AV	2.39G	48.34	54.00	-5.66	3	Horizontal	92	2.06	-
2417MHz	Pass	AV	2.419G	107.33	Inf	-Inf	3	Horizontal	92	2.06	-
2417MHz	Pass	PK	2.3898G	62.48	74.00	-11.52	3	Horizontal	92	2.06	-
2417MHz	Pass	PK	2.4196G	116.25	Inf	-Inf	3	Horizontal	92	2.06	-
2437MHz	Pass	AV	2.3898G	52.16	54.00	-1.84	3	Vertical	283	1.50	-
2437MHz	Pass	AV	2.4338G	112.88	Inf	-Inf	3	Vertical	283	1.50	-
2437MHz	Pass	AV	2.4858G	51.48	54.00	-2.52	3	Vertical	283	1.50	-
2437MHz	Pass	PK	2.3894G	66.56	74.00	-7.44	3	Vertical	283	1.50	-
2437MHz	Pass	PK	2.433G	122.25	Inf	-Inf	3	Vertical	283	1.50	-
2437MHz	Pass	PK	2.485G	66.26	74.00	-7.74	3	Vertical	283	1.50	-
2437MHz	Pass	AV	2.3894G	48.01	54.00	-5.99	3	Horizontal	94	2.29	-
2437MHz	Pass	AV	2.4382G	110.44	Inf	-Inf	3	Horizontal	94	2.29	-
2437MHz	Pass	AV	2.4835G	46.46	54.00	-7.54	3	Horizontal	94	2.29	-
2437MHz	Pass	PK	2.389G	61.52	74.00	-12.48	3	Horizontal	94	2.29	-
2437MHz	Pass	PK	2.439G	119.38	Inf	-Inf	3	Horizontal	94	2.29	-
2437MHz	Pass	PK	2.4838G	59.51	74.00	-14.49	3	Horizontal	94	2.29	-
2437MHz	Pass	AV	4.87638G	31.21	54.00	-22.79	3	Vertical	318	2.46	-
2437MHz	Pass	PK	4.8743G	44.25	74.00	-29.75	3	Vertical	318	2.46	-
2437MHz	Pass	AV	4.87428G	31.51	54.00	-22.49	3	Horizontal	95	1.49	-
2437MHz	Pass	PK	4.87466G	45.02	74.00	-28.98	3	Horizontal	95	1.49	-
2457MHz	Pass	AV	2.4518G	112.38	Inf	-Inf	3	Vertical	98	1.50	-
2457MHz	Pass	AV	2.484G	52.77	54.00	-1.23	3	Vertical	98	1.50	-
2457MHz	Pass	PK	2.4526G	121.43	Inf	-Inf	3	Vertical	98	1.50	-
2457MHz	Pass	PK	2.4835G	68.10	74.00	-5.90	3	Vertical	98	1.50	-
2457MHz	Pass	AV	2.4596G	108.39	Inf	-Inf	3	Horizontal	90	3.00	-
2457MHz	Pass	AV	2.4835G	49.33	54.00	-4.67	3	Horizontal	90	3.00	-
2457MHz	Pass	PK	2.4596G	117.78	Inf	-Inf	3	Horizontal	90	3.00	-
2457MHz	Pass	PK	2.4844G	62.67	74.00	-11.33	3	Horizontal	90	3.00	-
2462MHz	Pass	AV	2.4588G	110.69	Inf	-Inf	3	Vertical	78.9	1.87	-
2462MHz	Pass	AV	2.4846G	50.55	54.00	-3.45	3	Vertical	78.9	1.87	-
2462MHz	Pass	PK	2.4582G	119.77	Inf	-Inf	3	Vertical	78.9	1.87	-
2462MHz	Pass	PK	2.486G	64.38	74.00	-9.62	3	Vertical	78.9	1.87	-
2462MHz	Pass	AV	2.4638G	106.31	Inf	-Inf	3	Horizontal	90	3.00	-
2462MHz	Pass	AV	2.4836G	52.62	54.00	-1.38	3	Horizontal	90	3.00	-
2462MHz	Pass	PK	2.4646G	115.39	Inf	-Inf	3	Horizontal	90	3.00	-
2462MHz	Pass	PK	2.4835G	67.79	74.00	-6.21	3	Horizontal	90	3.00	-
2462MHz	Pass	AV	4.92724G	30.73	54.00	-23.27	3	Vertical	312	1.23	-
2462MHz	Pass	PK	4.92014G	43.86	74.00	-30.14	3	Vertical	312	1.23	-
2462MHz	Pass	AV	4.92698G	30.68	54.00	-23.32	3	Horizontal	360	1.48	-
2462MHz	Pass	PK	4.92344G	43.97	74.00	-30.03	3	Horizontal	360	1.48	-
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-



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
2412MHz	Pass	AV	2.39G	53.55	54.00	-0.45	3	Vertical	301	1.95	-
2412MHz	Pass	AV	2.4106G	107.31	Inf	-Inf	3	Vertical	301	1.95	-
2412MHz	Pass	PK	2.3892G	68.00	74.00	-6.00	3	Vertical	301	1.95	-
2412MHz	Pass	PK	2.4096G	119.12	Inf	-Inf	3	Vertical	301	1.95	-
2412MHz	Pass	AV	2.39G	49.67	54.00	-4.33	3	Horizontal	93	2.08	-
2412MHz	Pass	AV	2.4206G	103.15	Inf	-Inf	3	Horizontal	93	2.08	-
2412MHz	Pass	PK	2.3896G	63.19	74.00	-10.81	3	Horizontal	93	2.08	-
2412MHz	Pass	PK	2.42G	115.63	Inf	-Inf	3	Horizontal	93	2.08	-
2412MHz	Pass	AV	4.82171G	30.91	54.00	-23.09	3	Vertical	279	1.50	-
2412MHz	Pass	PK	4.82449G	44.06	74.00	-29.94	3	Vertical	279	1.50	-
2412MHz	Pass	AV	4.82244G	30.87	54.00	-23.13	3	Horizontal	68	1.50	-
2412MHz	Pass	PK	4.82184G	43.96	74.00	-30.04	3	Horizontal	68	1.50	-
2417MHz	Pass	AV	2.3884G	52.84	54.00	-1.16	3	Vertical	295	1.99	-
2417MHz	Pass	AV	2.415G	109.61	Inf	-Inf	3	Vertical	295	1.99	-
2417MHz	Pass	PK	2.4156G	121.04	Inf	-Inf	3	Vertical	295	1.99	-
2417MHz	Pass	PK	2.3874G	68.81	74.00	-5.19	3	Vertical	295	1.99	-
2417MHz	Pass	AV	2.388G	49.93	54.00	-4.07	3	Horizontal	85	2.87	-
2417MHz	Pass	AV	2.4178G	105.50	Inf	-Inf	3	Horizontal	85	2.87	-
2417MHz	Pass	PK	2.3888G	65.46	74.00	-8.54	3	Horizontal	85	2.87	-
2417MHz	Pass	PK	2.4184G	117.54	Inf	-Inf	3	Horizontal	85	2.87	-
2437MHz	Pass	AV	2.3862G	49.82	54.00	-4.18	3	Vertical	280	2.17	-
2437MHz	Pass	AV	2.4334G	112.17	Inf	-Inf	3	Vertical	280	2.17	-
2437MHz	Pass	AV	2.4846G	52.54	54.00	-1.46	3	Vertical	280	2.17	-
2437MHz	Pass	PK	2.3874G	63.73	74.00	-10.27	3	Vertical	280	2.17	-
2437MHz	Pass	PK	2.4458G	122.80	Inf	-Inf	3	Vertical	280	2.17	-
2437MHz	Pass	PK	2.4846G	67.54	74.00	-6.46	3	Vertical	280	2.17	-
2437MHz	Pass	AV	2.3878G	48.04	54.00	-5.96	3	Horizontal	87	1.84	-
2437MHz	Pass	AV	2.4454G	108.46	Inf	-Inf	3	Horizontal	87	1.84	-
2437MHz	Pass	AV	2.485G	47.13	54.00	-6.87	3	Horizontal	87	1.84	-
2437MHz	Pass	PK	2.3886G	62.73	74.00	-11.27	3	Horizontal	87	1.84	-
2437MHz	Pass	PK	2.4438G	119.99	Inf	-Inf	3	Horizontal	87	1.84	-
2437MHz	Pass	PK	2.4854G	60.39	74.00	-13.61	3	Horizontal	87	1.84	-
2437MHz	Pass	AV	4.87263G	30.61	54.00	-23.39	3	Vertical	360	2.52	-
2437MHz	Pass	AV	7.30972G	36.45	54.00	-17.55	3	Vertical	308	1.50	-
2437MHz	Pass	PK	4.87254G	43.61	74.00	-30.39	3	Vertical	360	2.52	-
2437MHz	Pass	PK	7.30901G	49.89	74.00	-24.11	3	Vertical	308	1.50	-
2437MHz	Pass	AV	4.8731G	30.72	54.00	-23.28	3	Horizontal	65	1.67	-
2437MHz	Pass	AV	7.30923G	36.49	54.00	-17.51	3	Horizontal	295	1.44	-
2437MHz	Pass	PK	4.87415G	44.19	74.00	-29.81	3	Horizontal	65	1.67	-
2437MHz	Pass	PK	7.31152G	49.60	74.00	-24.40	3	Horizontal	295	1.44	-
2457MHz	Pass	AV	2.4646G	109.63	Inf	-Inf	3	Vertical	260	2.35	-
2457MHz	Pass	AV	2.4835G	53.71	54.00	-0.29	3	Vertical	260	2.35	-
2457MHz	Pass	PK	2.4646G	121.32	Inf	-Inf	3	Vertical	260	2.35	-
2457MHz	Pass	PK	2.484G	68.94	74.00	-5.06	3	Vertical	260	2.35	-
2457MHz	Pass	AV	2.452G	104.24	Inf	-Inf	3	Horizontal	41	1.64	-
2457MHz	Pass	AV	2.4835G	48.47	54.00	-5.53	3	Horizontal	41	1.64	-
2457MHz	Pass	PK	2.4522G	116.61	Inf	-Inf	3	Horizontal	41	1.64	-
2457MHz	Pass	PK	2.4835G	63.76	74.00	-10.24	3	Horizontal	41	1.64	-
2462MHz	Pass	AV	2.4594G	108.92	Inf	-Inf	3	Vertical	286	2.38	-
2462MHz	Pass	AV	2.4835G	52.90	54.00	-1.10	3	Vertical	286	2.38	-
2462MHz	Pass	PK	2.4592G	120.35	Inf	-Inf	3	Vertical	286	2.38	-
2462MHz	Pass	PK	2.4835G	66.24	74.00	-7.76	3	Vertical	286	2.38	-
2462MHz	Pass	AV	2.4658G	103.69	Inf	-Inf	3	Horizontal	53	2.44	-
2462MHz	Pass	AV	2.4836G	53.46	54.00	-0.54	3	Horizontal	53	2.44	-
2462MHz	Pass	PK	2.4658G	116.83	Inf	-Inf	3	Horizontal	53	2.44	-
2462MHz	Pass	PK	2.4844G	68.82	74.00	-5.18	3	Horizontal	53	2.44	-
2462MHz	Pass	AV	4.9231G	30.15	54.00	-23.85	3	Vertical	359	1.50	-
2462MHz	Pass	AV	7.38487G	36.25	54.00	-17.75	3	Vertical	172	1.96	-
2462MHz	Pass	PK	4.92349G	43.70	74.00	-30.30	3	Vertical	359	1.50	-
2462MHz	Pass	PK	7.38724G	49.67	74.00	-24.33	3	Vertical	172	1.96	-
2462MHz	Pass	AV	4.9216G	30.17	54.00	-23.83	3	Horizontal	312	1.50	-
2462MHz	Pass	AV	7.38439G	36.28	54.00	-17.72	3	Horizontal	159	1.50	-



RSE TX above 1GHz_Non-Beamforming

Appendix F.2

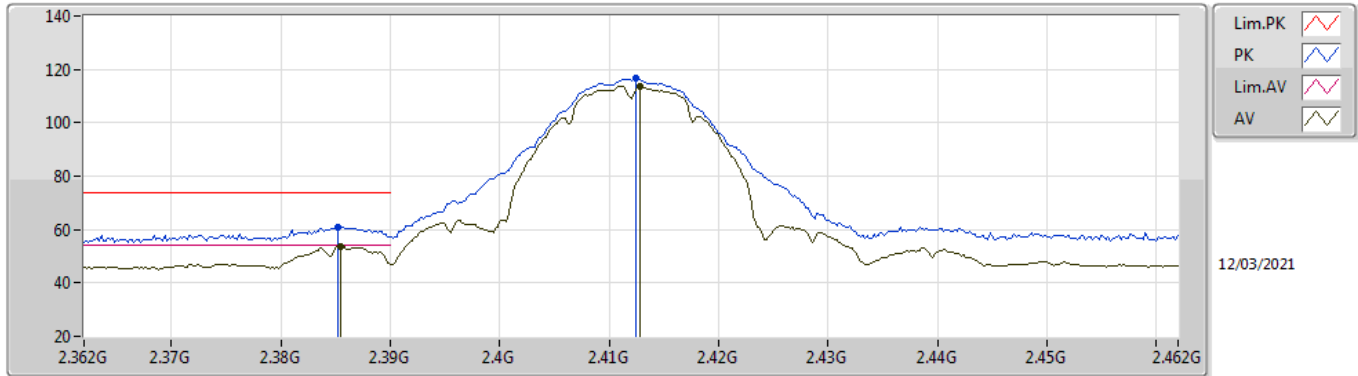
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2462MHz	Pass	PK	4.92624G	43.84	74.00	-30.16	3	Horizontal	312	1.50	-
2462MHz	Pass	PK	7.38784G	49.34	74.00	-24.66	3	Horizontal	159	1.50	-
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	AV	2.39G	53.79	54.00	-0.21	3	Vertical	51	1.94	-
2422MHz	Pass	AV	2.4128G	103.07	Inf	-Inf	3	Vertical	51	1.94	-
2422MHz	Pass	AV	2.4928G	45.38	54.00	-8.62	3	Vertical	51	1.94	-
2422MHz	Pass	PK	2.3724G	66.08	74.00	-7.92	3	Vertical	51	1.94	-
2422MHz	Pass	PK	2.412G	115.71	Inf	-Inf	3	Vertical	51	1.94	-
2422MHz	Pass	PK	2.486G	58.09	74.00	-15.91	3	Vertical	51	1.94	-
2422MHz	Pass	AV	2.3824G	49.57	54.00	-4.43	3	Horizontal	94	1.87	-
2422MHz	Pass	AV	2.4112G	99.06	Inf	-Inf	3	Horizontal	94	1.87	-
2422MHz	Pass	AV	2.4904G	44.32	54.00	-9.68	3	Horizontal	94	1.87	-
2422MHz	Pass	PK	2.3828G	62.12	74.00	-11.88	3	Horizontal	94	1.87	-
2422MHz	Pass	PK	2.4104G	111.74	Inf	-Inf	3	Horizontal	94	1.87	-
2422MHz	Pass	PK	2.4928G	57.14	74.00	-16.86	3	Horizontal	94	1.87	-
2422MHz	Pass	AV	4.84215G	30.77	54.00	-23.23	3	Vertical	191	1.97	-
2422MHz	Pass	AV	7.26372G	36.27	54.00	-17.73	3	Vertical	2	1.50	-
2422MHz	Pass	PK	4.84314G	44.26	74.00	-29.74	3	Vertical	191	1.97	-
2422MHz	Pass	PK	7.26735G	49.59	74.00	-24.41	3	Vertical	2	1.50	-
2422MHz	Pass	AV	4.83638G	31.01	54.00	-22.99	3	Horizontal	228	1.62	-
2422MHz	Pass	AV	7.2786G	36.35	54.00	-17.65	3	Horizontal	195	2.46	-
2422MHz	Pass	PK	4.85342G	46.83	74.00	-27.17	3	Horizontal	228	1.62	-
2422MHz	Pass	PK	7.25964G	49.49	74.00	-24.51	3	Horizontal	195	2.46	-
2427MHz	Pass	AV	2.3898G	53.44	54.00	-0.56	3	Vertical	52	1.96	-
2427MHz	Pass	AV	2.4182G	105.22	Inf	-Inf	3	Vertical	52	1.96	-
2427MHz	Pass	AV	2.4914G	45.71	54.00	-8.29	3	Vertical	52	1.96	-
2427MHz	Pass	PK	2.3774G	66.51	74.00	-7.49	3	Vertical	52	1.96	-
2427MHz	Pass	PK	2.4174G	117.92	Inf	-Inf	3	Vertical	52	1.96	-
2427MHz	Pass	PK	2.4878G	58.11	74.00	-15.89	3	Vertical	52	1.96	-
2427MHz	Pass	AV	2.3874G	50.14	54.00	-3.86	3	Horizontal	96	2.09	-
2427MHz	Pass	AV	2.4162G	100.51	Inf	-Inf	3	Horizontal	96	2.09	-
2427MHz	Pass	AV	2.4866G	44.28	54.00	-9.72	3	Horizontal	96	2.09	-
2427MHz	Pass	PK	2.3874G	62.78	74.00	-11.22	3	Horizontal	96	2.09	-
2427MHz	Pass	PK	2.4146G	112.87	Inf	-Inf	3	Horizontal	96	2.09	-
2427MHz	Pass	PK	2.4934G	57.24	74.00	-16.76	3	Horizontal	96	2.09	-
2437MHz	Pass	AV	2.3854G	52.24	54.00	-1.76	3	Vertical	93	1.52	-
2437MHz	Pass	AV	2.4446G	106.44	Inf	-Inf	3	Vertical	93	1.52	-
2437MHz	Pass	AV	2.4846G	53.70	54.00	-0.30	3	Vertical	93	1.52	-
2437MHz	Pass	PK	2.3866G	67.46	74.00	-6.54	3	Vertical	93	1.52	-
2437MHz	Pass	PK	2.445G	117.87	Inf	-Inf	3	Vertical	93	1.52	-
2437MHz	Pass	PK	2.4835G	67.13	74.00	-6.87	3	Vertical	93	1.52	-
2437MHz	Pass	AV	2.387G	48.77	54.00	-5.23	3	Horizontal	95	2.10	-
2437MHz	Pass	AV	2.4258G	101.61	Inf	-Inf	3	Horizontal	95	2.10	-
2437MHz	Pass	AV	2.4838G	48.37	54.00	-5.63	3	Horizontal	95	2.10	-
2437MHz	Pass	PK	2.3862G	63.14	74.00	-10.86	3	Horizontal	95	2.10	-
2437MHz	Pass	PK	2.4262G	113.57	Inf	-Inf	3	Horizontal	95	2.10	-
2437MHz	Pass	PK	2.4835G	62.32	74.00	-11.68	3	Horizontal	95	2.10	-
2437MHz	Pass	AV	4.85942G	30.35	54.00	-23.65	3	Vertical	126	1.73	-
2437MHz	Pass	AV	7.29816G	36.21	54.00	-17.79	3	Vertical	349	2.16	-
2437MHz	Pass	PK	4.85924G	43.82	74.00	-30.18	3	Vertical	126	1.73	-
2437MHz	Pass	PK	7.30668G	50.15	74.00	-23.85	3	Vertical	349	2.16	-
2437MHz	Pass	AV	4.85966G	30.27	54.00	-23.73	3	Horizontal	62	1.90	-
2437MHz	Pass	AV	7.2984G	36.31	54.00	-17.69	3	Horizontal	86	2.49	-
2437MHz	Pass	PK	4.88342G	43.77	74.00	-30.23	3	Horizontal	62	1.90	-
2437MHz	Pass	PK	7.31238G	49.74	74.00	-24.26	3	Horizontal	86	2.49	-
2447MHz	Pass	AV	2.3838G	45.37	54.00	-8.63	3	Vertical	281	1.92	-
2447MHz	Pass	AV	2.4434G	104.30	Inf	-Inf	3	Vertical	281	1.92	-
2447MHz	Pass	AV	2.4842G	53.18	54.00	-0.82	3	Vertical	281	1.92	-
2447MHz	Pass	PK	2.389G	58.38	74.00	-15.62	3	Vertical	281	1.92	-
2447MHz	Pass	PK	2.4434G	116.42	Inf	-Inf	3	Vertical	281	1.92	-
2447MHz	Pass	PK	2.4838G	67.54	74.00	-6.46	3	Vertical	281	1.92	-
2447MHz	Pass	AV	2.3762G	44.63	54.00	-9.37	3	Horizontal	92	2.01	-



Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2447MHz	Pass	AV	2.4354G	99.62	Inf	-Inf	3	Horizontal	92	2.01	-
2447MHz	Pass	AV	2.4862G	48.03	54.00	-5.97	3	Horizontal	92	2.01	-
2447MHz	Pass	PK	2.3558G	58.03	74.00	-15.97	3	Horizontal	92	2.01	-
2447MHz	Pass	PK	2.4366G	112.01	Inf	-Inf	3	Horizontal	92	2.01	-
2447MHz	Pass	PK	2.4858G	61.12	74.00	-12.88	3	Horizontal	92	2.01	-
2452MHz	Pass	AV	2.3876G	45.44	54.00	-8.56	3	Vertical	277	2.38	-
2452MHz	Pass	AV	2.4608G	104.64	Inf	-Inf	3	Vertical	277	2.38	-
2452MHz	Pass	AV	2.4835G	53.53	54.00	-0.47	3	Vertical	277	2.38	-
2452MHz	Pass	PK	2.38G	58.18	74.00	-15.82	3	Vertical	277	2.38	-
2452MHz	Pass	PK	2.4612G	116.89	Inf	-Inf	3	Vertical	277	2.38	-
2452MHz	Pass	PK	2.4892G	67.73	74.00	-6.27	3	Vertical	277	2.38	-
2452MHz	Pass	AV	2.352G	44.66	54.00	-9.34	3	Horizontal	81	1.83	-
2452MHz	Pass	AV	2.442G	99.89	Inf	-Inf	3	Horizontal	81	1.83	-
2452MHz	Pass	AV	2.4835G	50.56	54.00	-3.44	3	Horizontal	81	1.83	-
2452MHz	Pass	PK	2.3528G	57.59	74.00	-16.41	3	Horizontal	81	1.83	-
2452MHz	Pass	PK	2.442G	111.94	Inf	-Inf	3	Horizontal	81	1.83	-
2452MHz	Pass	PK	2.484G	64.55	74.00	-9.45	3	Horizontal	81	1.83	-
2452MHz	Pass	AV	4.8944G	30.31	54.00	-23.69	3	Vertical	243	2.08	-
2452MHz	Pass	AV	7.34514G	36.40	54.00	-17.60	3	Vertical	51	1.86	-
2452MHz	Pass	PK	4.8959G	43.41	74.00	-30.59	3	Vertical	243	2.08	-
2452MHz	Pass	PK	7.34646G	49.78	74.00	-24.22	3	Vertical	51	1.86	-
2452MHz	Pass	AV	4.90334G	30.28	54.00	-23.72	3	Horizontal	224	1.12	-
2452MHz	Pass	AV	7.34544G	36.40	54.00	-17.60	3	Horizontal	299	1.86	-
2452MHz	Pass	PK	4.89482G	43.49	74.00	-30.51	3	Horizontal	224	1.12	-
2452MHz	Pass	PK	7.35858G	49.94	74.00	-24.06	3	Horizontal	299	1.86	-

802.11b_Nss1,(1Mbps)_4TX

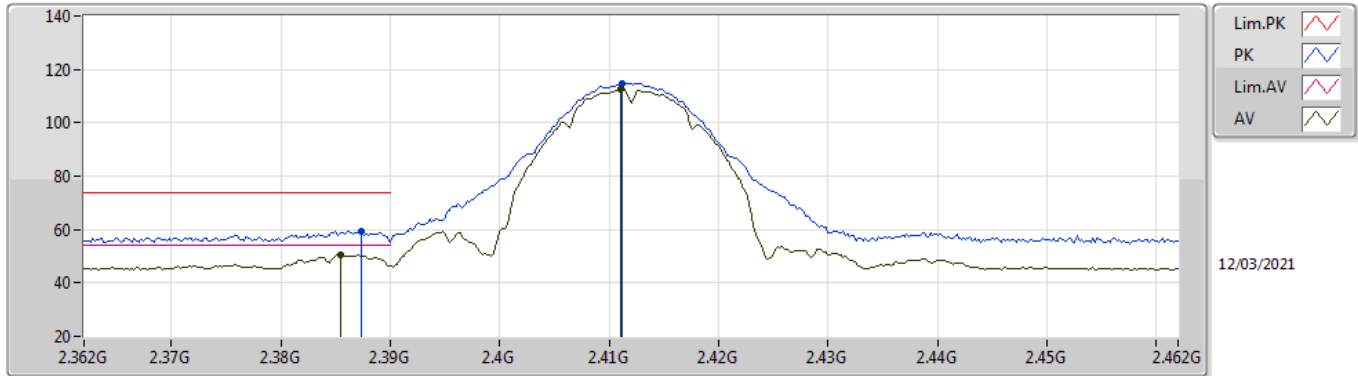
2412MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3854G	53.81	54.00	-0.19	31.54	3	Vertical	325	1.95	-	22.27	27.66	3.88	-
AV	2.4128G	113.80	Inf	-Inf	31.52	3	Vertical	325	1.95	-	82.28	27.60	3.92	-
PK	2.3852G	61.00	74.00	-13.00	31.54	3	Vertical	325	1.95	-	29.46	27.66	3.88	-
PK	2.4124G	116.64	Inf	-Inf	31.52	3	Vertical	325	1.95	-	85.12	27.60	3.92	-

802.11b_Nss1,(1Mbps)_4TX

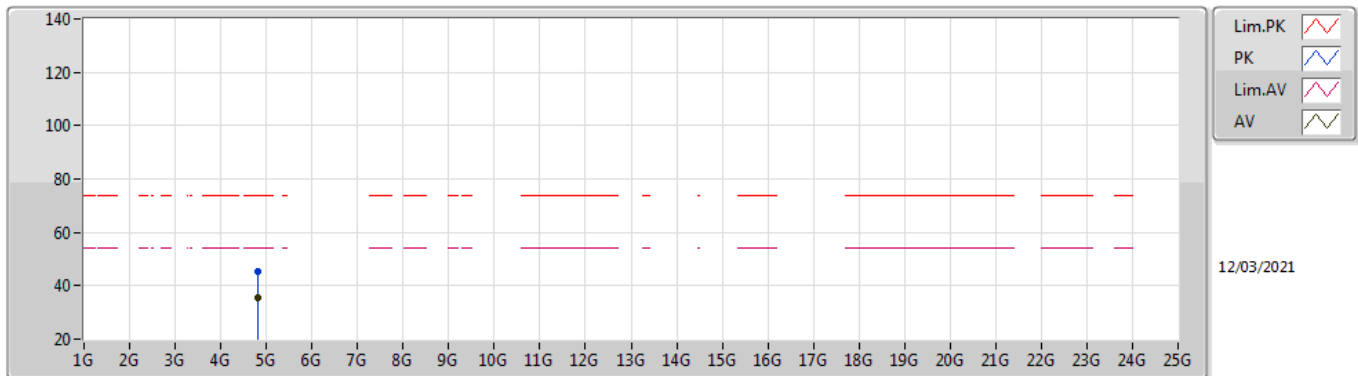
2412MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3854G	50.67	54.00	-3.33	31.54	3	Horizontal	88	2.58	-	19.13	27.66	3.88	-
AV	2.411G	112.59	Inf	-Inf	31.52	3	Horizontal	88	2.58	-	81.07	27.60	3.92	-
PK	2.3874G	59.16	74.00	-14.84	31.53	3	Horizontal	88	2.58	-	27.63	27.65	3.88	-
PK	2.4112G	114.90	Inf	-Inf	31.52	3	Horizontal	88	2.58	-	83.38	27.60	3.92	-

802.11b_Nss1,(1Mbps)_4TX

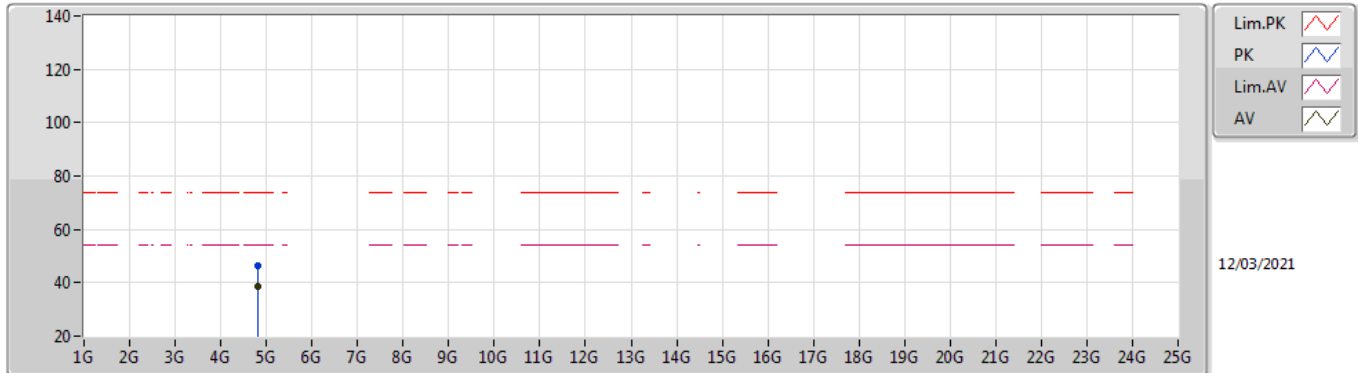
2412MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.82383G	35.32	54.00	-18.68	1.58	3	Vertical	0	1.59	-	33.74	31.20	5.31	34.93
PK	4.8244G	45.14	74.00	-28.86	1.58	3	Vertical	0	1.59	-	43.56	31.20	5.31	34.93

802.11b_Nss1,(1Mbps)_4TX

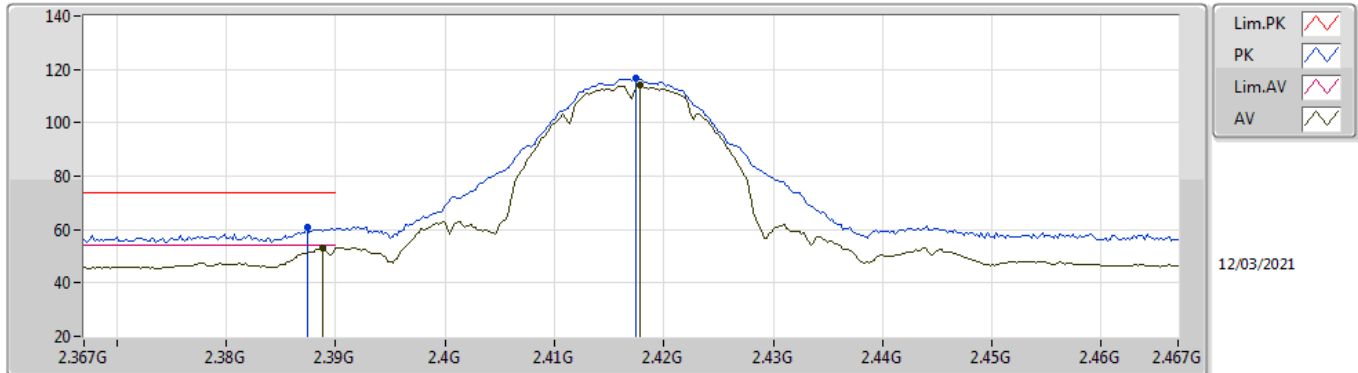
2412MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.82394G	38.58	54.00	-15.42	1.58	3	Horizontal	95	1.51	-	37.00	31.20	5.31	34.93
PK	4.8239G	46.35	74.00	-27.65	1.58	3	Horizontal	95	1.51	-	44.77	31.20	5.31	34.93

802.11b_Nss1,(1Mbps)_4TX

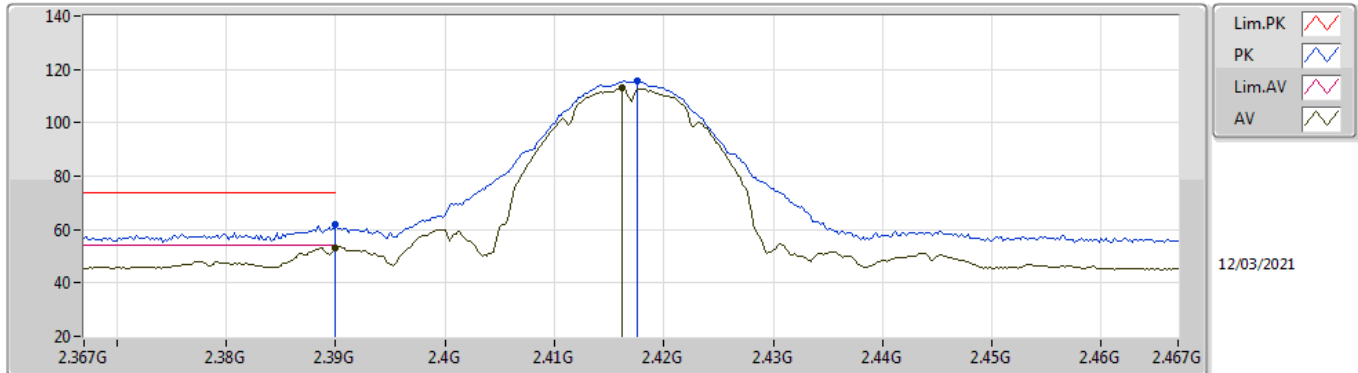
2417MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3888G	53.16	54.00	-0.84	31.52	3	Vertical	309	1.50	-	21.64	27.64	3.88	-
AV	2.4178G	114.08	Inf	-Inf	31.53	3	Vertical	309	1.50	-	82.55	27.60	3.93	-
PK	2.3874G	60.64	74.00	-13.36	31.53	3	Vertical	309	1.50	-	29.11	27.65	3.88	-
PK	2.4174G	116.89	Inf	-Inf	31.53	3	Vertical	309	1.50	-	85.36	27.60	3.93	-

802.11b_Nss1,(1Mbps)_4TX

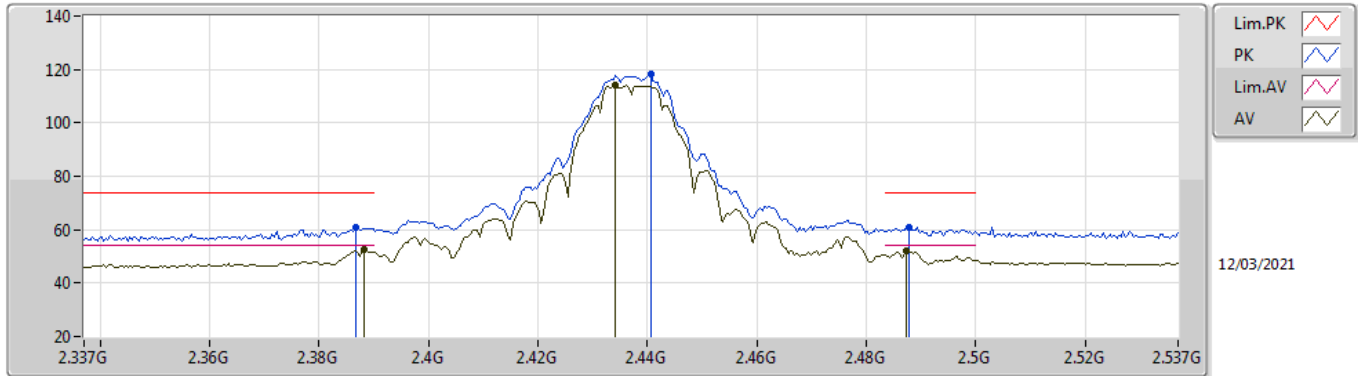
2417MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	53.33	54.00	-0.67	31.52	3	Horizontal	96	1.87	-	21.81	27.64	3.88	-
AV	2.4162G	113.03	Inf	-Inf	31.52	3	Horizontal	96	1.87	-	81.51	27.60	3.92	-
PK	2.39G	61.66	74.00	-12.34	31.52	3	Horizontal	96	1.87	-	30.14	27.64	3.88	-
PK	2.4176G	115.51	Inf	-Inf	31.53	3	Horizontal	96	1.87	-	83.98	27.60	3.93	-

802.11b_Nss1,(1Mbps)_4TX

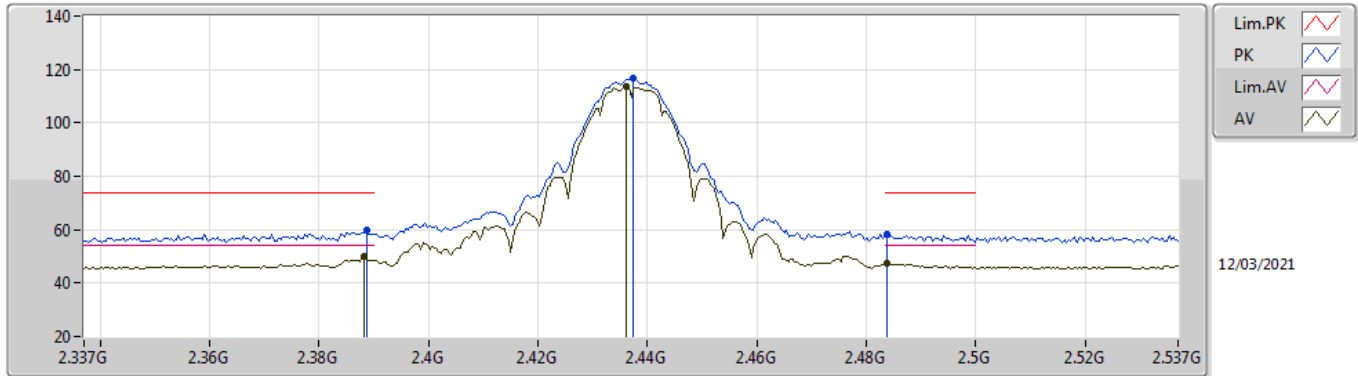
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3882G	52.57	54.00	-1.43	31.53	3	Vertical	315	2.22	-	21.04	27.65	3.88	-
AV	2.4342G	114.06	Inf	-Inf	31.55	3	Vertical	315	2.22	-	82.51	27.60	3.95	-
AV	2.4874G	51.85	54.00	-2.15	31.63	3	Vertical	315	2.22	-	20.22	27.60	4.03	-
PK	2.3866G	60.63	74.00	-13.37	31.53	3	Vertical	315	2.22	-	29.10	27.65	3.88	-
PK	2.4406G	118.37	Inf	-Inf	31.56	3	Vertical	315	2.22	-	86.81	27.60	3.96	-
PK	2.4878G	60.77	74.00	-13.23	31.63	3	Vertical	315	2.22	-	29.14	27.60	4.03	-

802.11b_Nss1,(1Mbps)_4TX

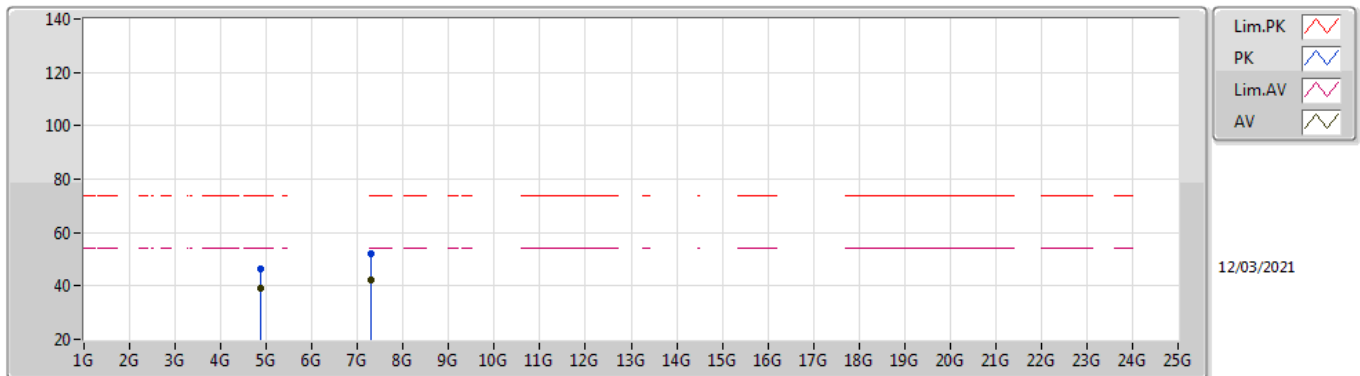
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3882G	49.96	54.00	-4.04	31.53	3	Horizontal	87	2.84	-	18.43	27.65	3.88	-
AV	2.4362G	113.46	Inf	-Inf	31.55	3	Horizontal	87	2.84	-	81.91	27.60	3.95	-
AV	2.4838G	47.56	54.00	-6.44	31.63	3	Horizontal	87	2.84	-	15.93	27.60	4.03	-
PK	2.3886G	59.71	74.00	-14.29	31.53	3	Horizontal	87	2.84	-	28.18	27.65	3.88	-
PK	2.4374G	116.56	Inf	-Inf	31.56	3	Horizontal	87	2.84	-	85.00	27.60	3.96	-
PK	2.4838G	58.15	74.00	-15.85	31.63	3	Horizontal	87	2.84	-	26.52	27.60	4.03	-

802.11b_Nss1,(1Mbps)_4TX

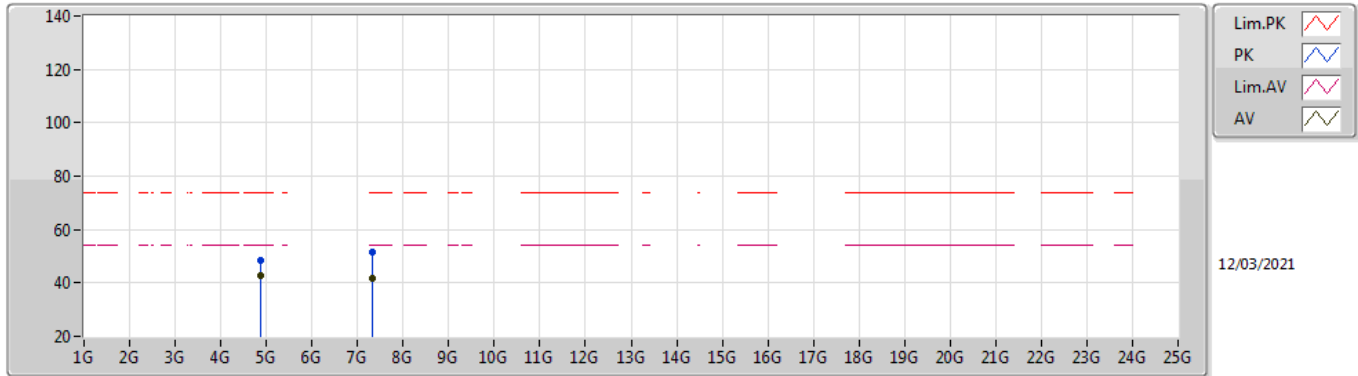
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.87407G	39.14	54.00	-14.86	1.66	3	Vertical	211	1.57	-	37.48	31.25	5.34	34.93
AV	7.31018G	42.41	54.00	-11.59	8.20	3	Vertical	124	2.54	-	34.21	36.58	6.80	35.18
PK	4.8741G	46.53	74.00	-27.47	1.66	3	Vertical	211	1.57	-	44.87	31.25	5.34	34.93
PK	7.30999G	51.92	74.00	-22.08	8.20	3	Vertical	124	2.54	-	43.72	36.58	6.80	35.18

802.11b_Nss1,(1Mbps)_4TX

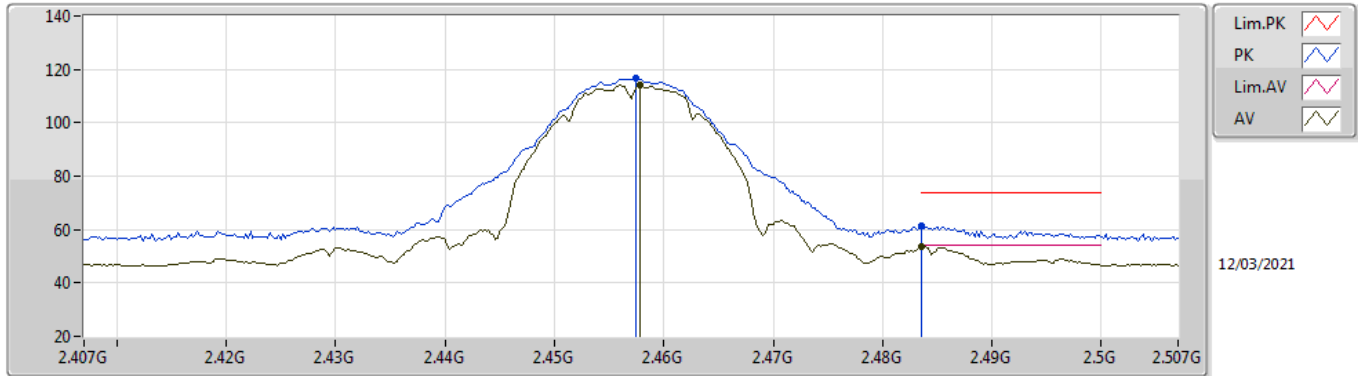
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.87402G	42.65	54.00	-11.35	1.66	3	Horizontal	92	1.62	-	40.99	31.25	5.34	34.93
AV	7.31038G	41.83	54.00	-12.17	8.20	3	Horizontal	306	1.58	-	33.63	36.58	6.80	35.18
PK	4.87406G	48.45	74.00	-25.55	1.66	3	Horizontal	92	1.62	-	46.79	31.25	5.34	34.93
PK	7.31188G	51.36	74.00	-22.64	8.20	3	Horizontal	306	1.58	-	43.16	36.58	6.80	35.18

802.11b_Nss1,(1Mbps)_4TX

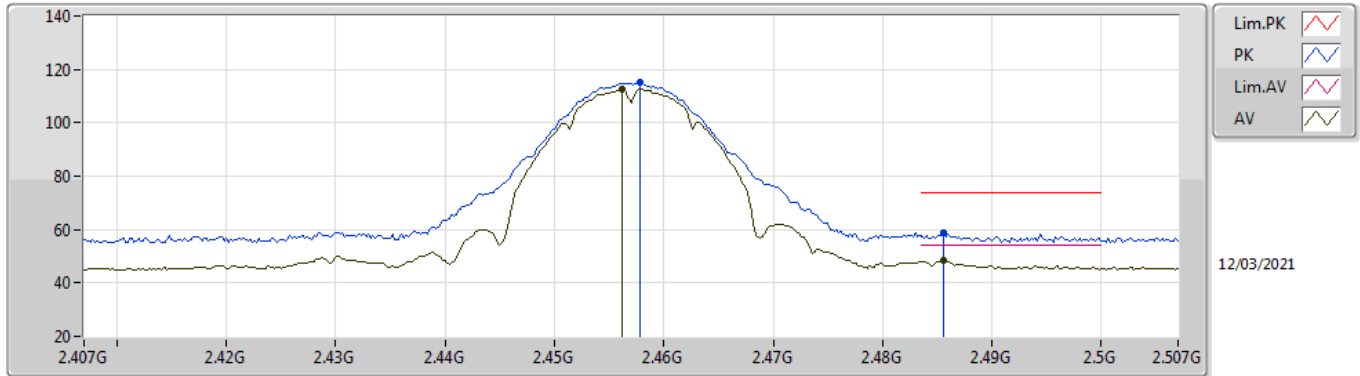
2457MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4578G	114.05	Inf	-Inf	31.59	3	Vertical	309	1.98	-	82.46	27.60	3.99	-
AV	2.4836G	53.45	54.00	-0.55	31.63	3	Vertical	309	1.98	-	21.82	27.60	4.03	-
PK	2.4574G	116.86	Inf	-Inf	31.59	3	Vertical	309	1.98	-	85.27	27.60	3.99	-
PK	2.4835G	61.62	74.00	-12.38	31.63	3	Vertical	309	1.98	-	29.99	27.60	4.03	-

802.11b_Nss1,(1Mbps)_4TX

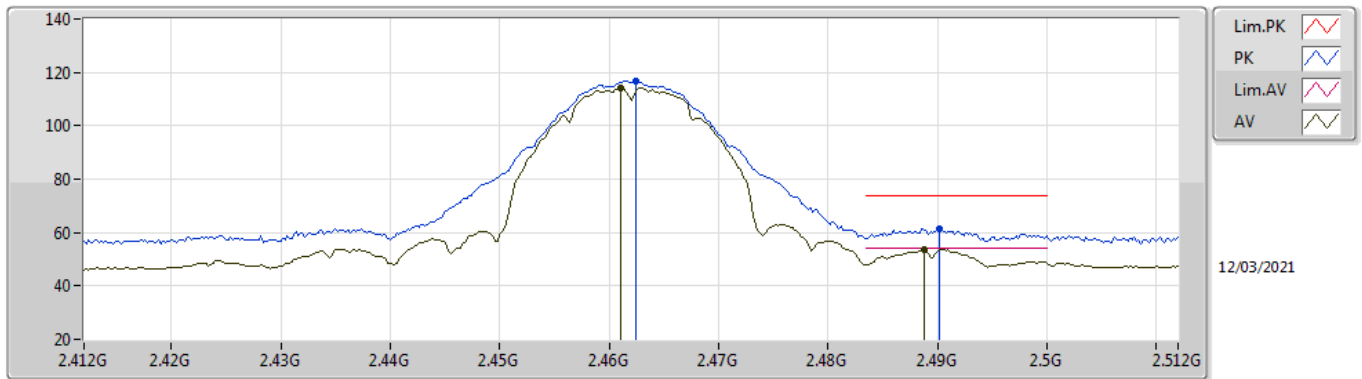
2457MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4562G	112.61	Inf	-Inf	31.58	3	Horizontal	83	3.00	-	81.03	27.60	3.98	-
AV	2.4856G	48.21	54.00	-5.79	31.63	3	Horizontal	83	3.00	-	16.58	27.60	4.03	-
PK	2.4578G	115.00	Inf	-Inf	31.59	3	Horizontal	83	3.00	-	83.41	27.60	3.99	-
PK	2.4856G	58.66	74.00	-15.34	31.63	3	Horizontal	83	3.00	-	27.03	27.60	4.03	-

802.11b_Nss1,(1Mbps)_4TX

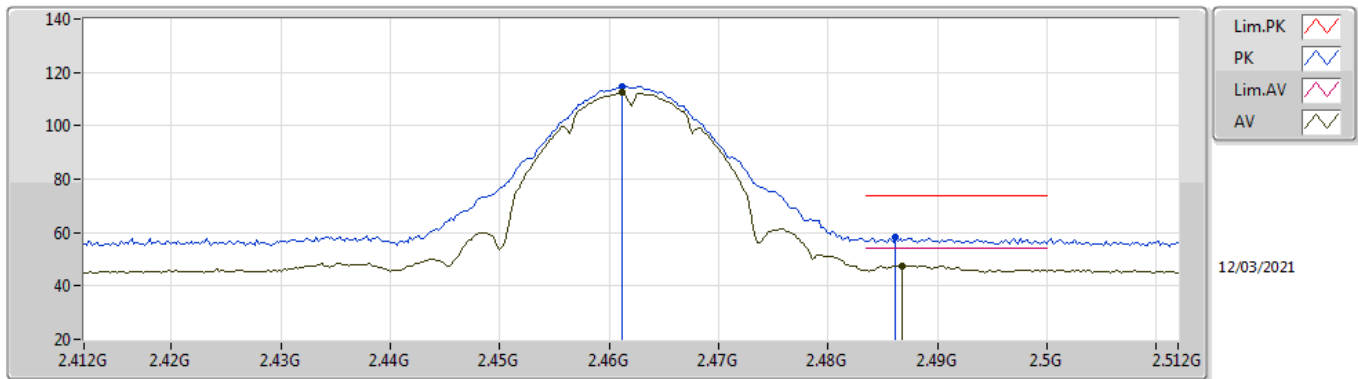
2462MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.461G	114.28	Inf	-Inf	31.59	3	Vertical	318	2.14	-	82.69	27.60	3.99	-
AV	2.4888G	53.66	54.00	-0.34	31.63	3	Vertical	318	2.14	-	22.03	27.60	4.03	-
PK	2.4624G	116.85	Inf	-Inf	31.59	3	Vertical	318	2.14	-	85.26	27.60	3.99	-
PK	2.4902G	61.47	74.00	-12.53	31.64	3	Vertical	318	2.14	-	29.83	27.60	4.04	-

802.11b_Nss1,(1Mbps)_4TX

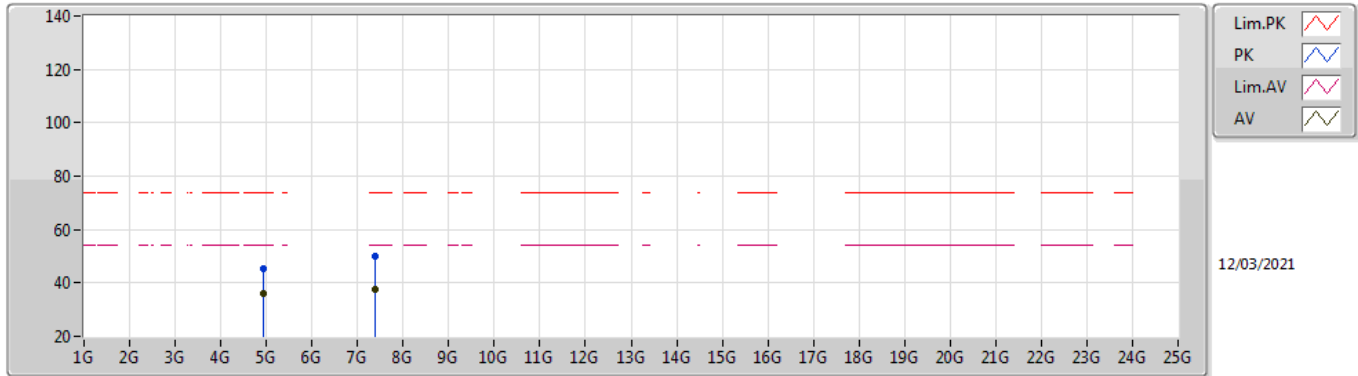
2462MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4612G	112.39	Inf	-Inf	31.59	3	Horizontal	84	3.00	-	80.80	27.60	3.99	-
AV	2.4868G	47.64	54.00	-6.36	31.63	3	Horizontal	84	3.00	-	16.01	27.60	4.03	-
PK	2.4612G	114.62	Inf	-Inf	31.59	3	Horizontal	84	3.00	-	83.03	27.60	3.99	-
PK	2.4862G	58.34	74.00	-15.66	31.63	3	Horizontal	84	3.00	-	26.71	27.60	4.03	-

802.11b_Nss1,(1Mbps)_4TX

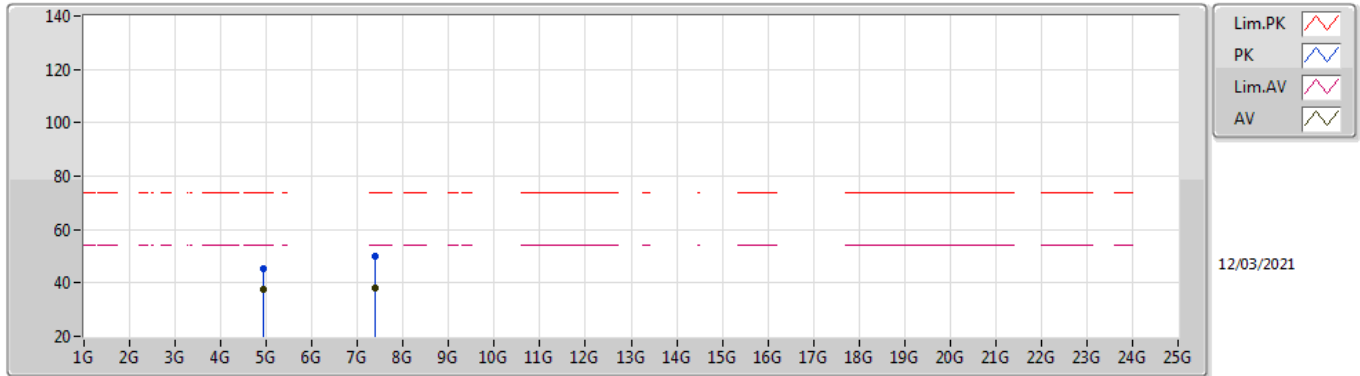
2462MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.92399G	36.25	54.00	-17.75	1.72	3	Vertical	212	1.36	-	34.53	31.30	5.36	34.94
AV	7.38459G	37.76	54.00	-16.24	8.05	3	Vertical	302	1.50	-	29.71	36.43	6.80	35.18
PK	4.9241G	45.39	74.00	-28.61	1.72	3	Vertical	212	1.36	-	43.67	31.30	5.36	34.94
PK	7.38382G	49.88	74.00	-24.12	8.05	3	Vertical	302	1.50	-	41.83	36.43	6.80	35.18

802.11b_Nss1,(1Mbps)_4TX

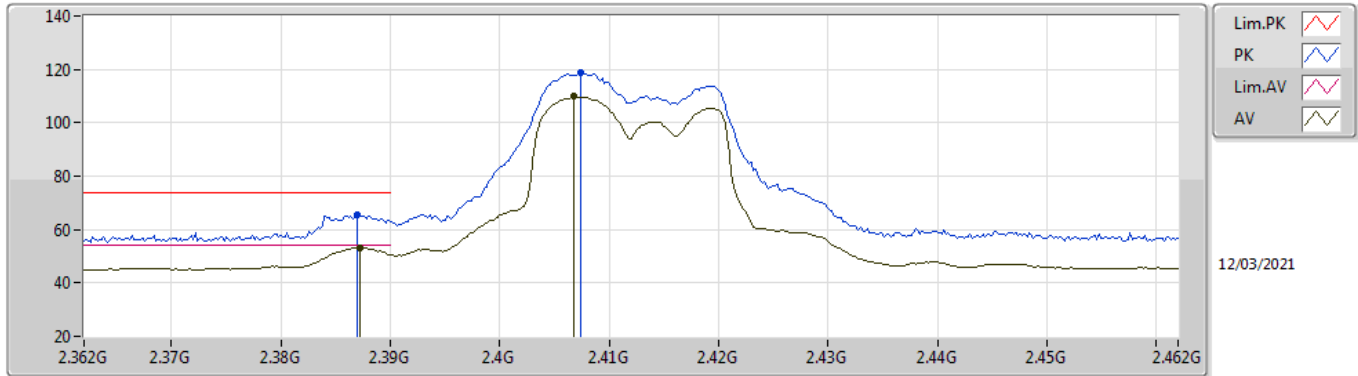
2462MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.92399G	37.48	54.00	-16.52	1.72	3	Horizontal	70	1.50	-	35.76	31.30	5.36	34.94
AV	7.38363G	37.88	54.00	-16.12	8.05	3	Horizontal	35	1.50	-	29.83	36.43	6.80	35.18
PK	4.92412G	45.49	74.00	-28.51	1.72	3	Horizontal	70	1.50	-	43.77	31.30	5.36	34.94
PK	7.3841G	50.25	74.00	-23.75	8.05	3	Horizontal	35	1.50	-	42.20	36.43	6.80	35.18

802.11g_Nss1,(6Mbps)_4TX

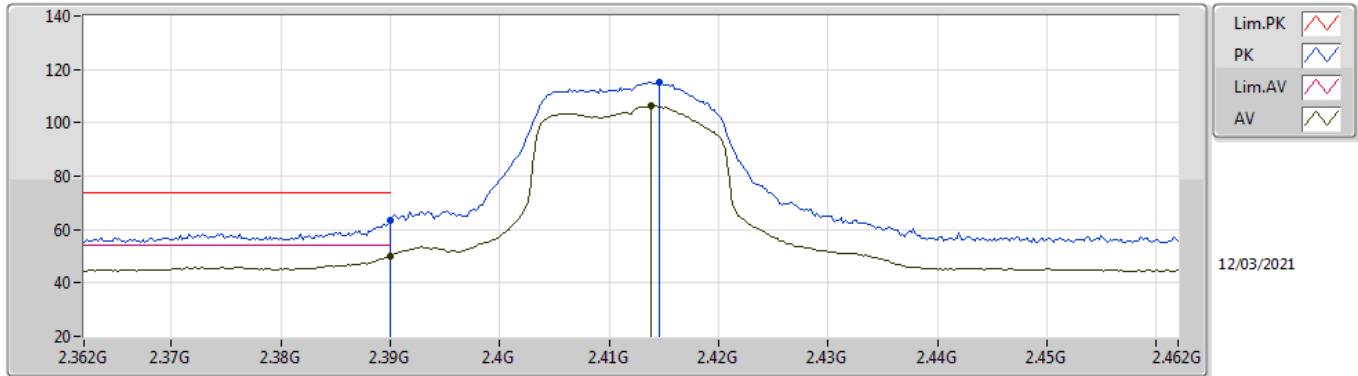
2412MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3872G	53.35	54.00	-0.65	31.53	3	Vertical	94.1	1.79	-	21.82	27.65	3.88	-
AV	2.4068G	109.85	Inf	-Inf	31.51	3	Vertical	94.1	1.79	-	78.34	27.60	3.91	-
PK	2.387G	65.38	74.00	-8.62	31.53	3	Vertical	94.1	1.79	-	33.85	27.65	3.88	-
PK	2.4074G	118.59	Inf	-Inf	31.51	3	Vertical	94.1	1.79	-	87.08	27.60	3.91	-

802.11g_Nss1,(6Mbps)_4TX

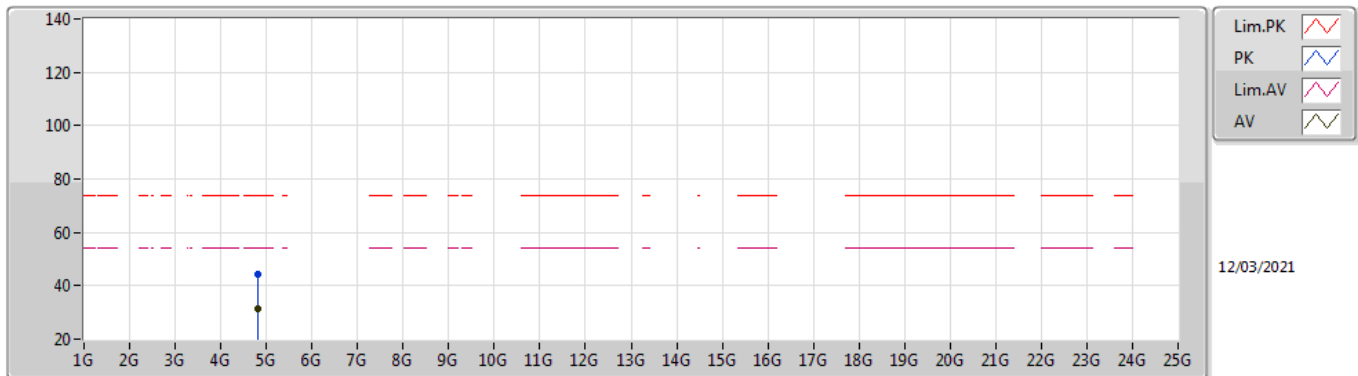
2412MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	50.09	54.00	-3.91	31.52	3	Horizontal	98	1.87	-	18.57	27.64	3.88	-
AV	2.4138G	106.33	Inf	-Inf	31.52	3	Horizontal	98	1.87	-	74.81	27.60	3.92	-
PK	2.39G	63.60	74.00	-10.40	31.52	3	Horizontal	98	1.87	-	32.08	27.64	3.88	-
PK	2.4146G	115.29	Inf	-Inf	31.52	3	Horizontal	98	1.87	-	83.77	27.60	3.92	-

802.11g_Nss1,(6Mbps)_4TX

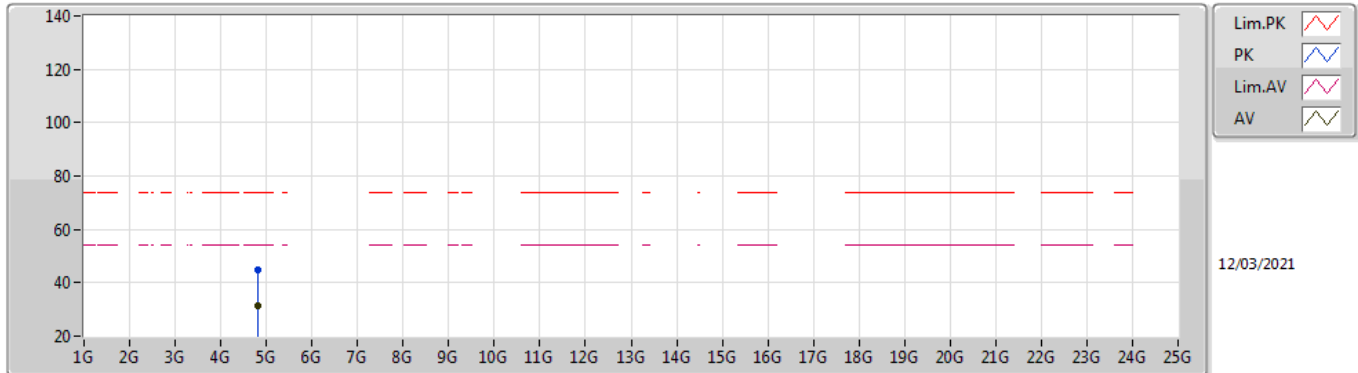
2412MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.82412G	31.47	54.00	-22.53	1.58	3	Vertical	326	1.50	-	29.89	31.20	5.31	34.93
PK	4.8278G	44.45	74.00	-29.55	1.59	3	Vertical	326	1.50	-	42.86	31.21	5.31	34.93

802.11g_Nss1,(6Mbps)_4TX

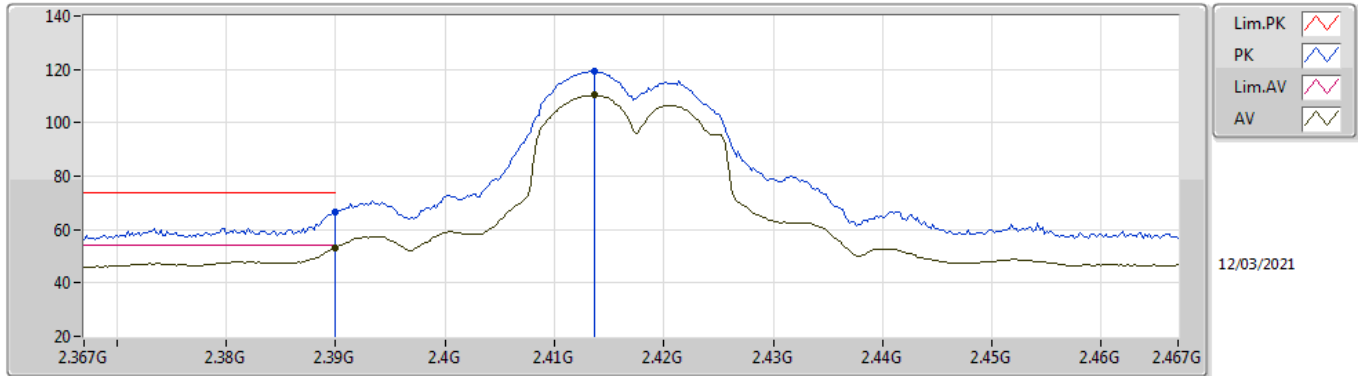
2412MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.82798G	31.20	54.00	-22.80	1.59	3	Horizontal	92	1.23	-	29.61	31.21	5.31	34.93
PK	4.8246G	44.75	74.00	-29.25	1.58	3	Horizontal	92	1.23	-	43.17	31.20	5.31	34.93

802.11g_Nss1,(6Mbps)_4TX

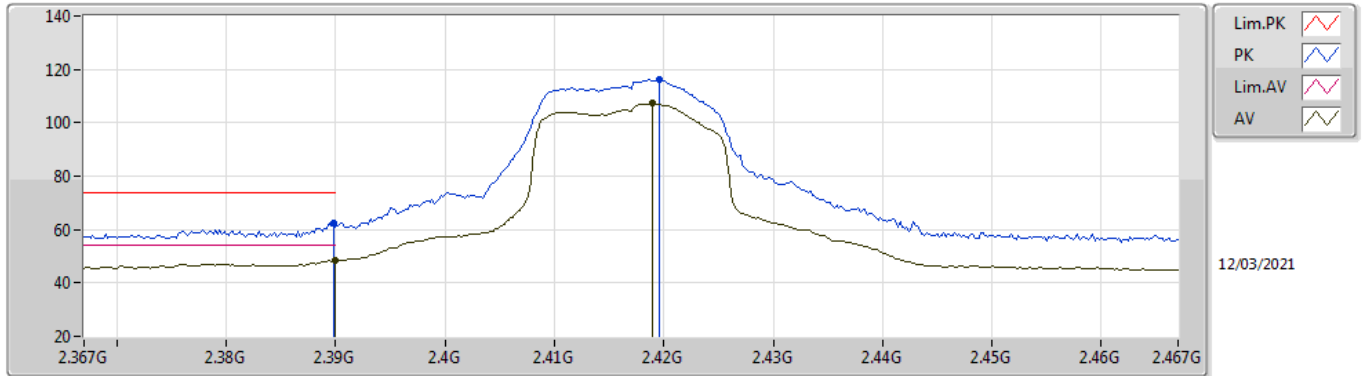
2417MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	53.28	54.00	-0.72	31.52	3	Vertical	75	1.79	-	21.76	27.64	3.88	-
AV	2.4136G	110.55	Inf	-Inf	31.52	3	Vertical	75	1.79	-	79.03	27.60	3.92	-
PK	2.39G	66.35	74.00	-7.65	31.52	3	Vertical	75	1.79	-	34.83	27.64	3.88	-
PK	2.4136G	119.41	Inf	-Inf	31.52	3	Vertical	75	1.79	-	87.89	27.60	3.92	-

802.11g_Nss1,(6Mbps)_4TX

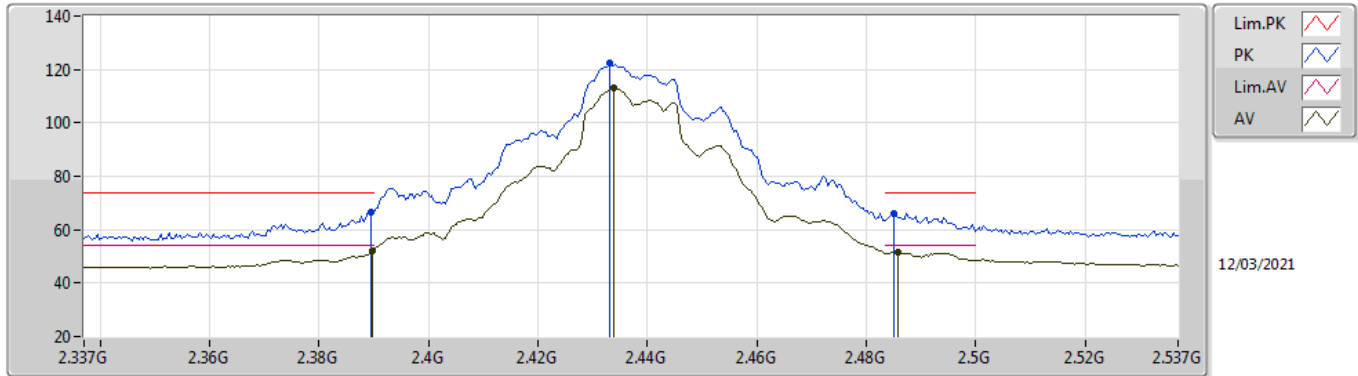
2417MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	48.34	54.00	-5.66	31.52	3	Horizontal	92	2.06	-	16.82	27.64	3.88	-
AV	2.419G	107.33	Inf	-Inf	31.53	3	Horizontal	92	2.06	-	75.80	27.60	3.93	-
PK	2.3898G	62.48	74.00	-11.52	31.52	3	Horizontal	92	2.06	-	30.96	27.64	3.88	-
PK	2.4196G	116.25	Inf	-Inf	31.53	3	Horizontal	92	2.06	-	84.72	27.60	3.93	-

802.11g_Nss1,(6Mbps)_4TX

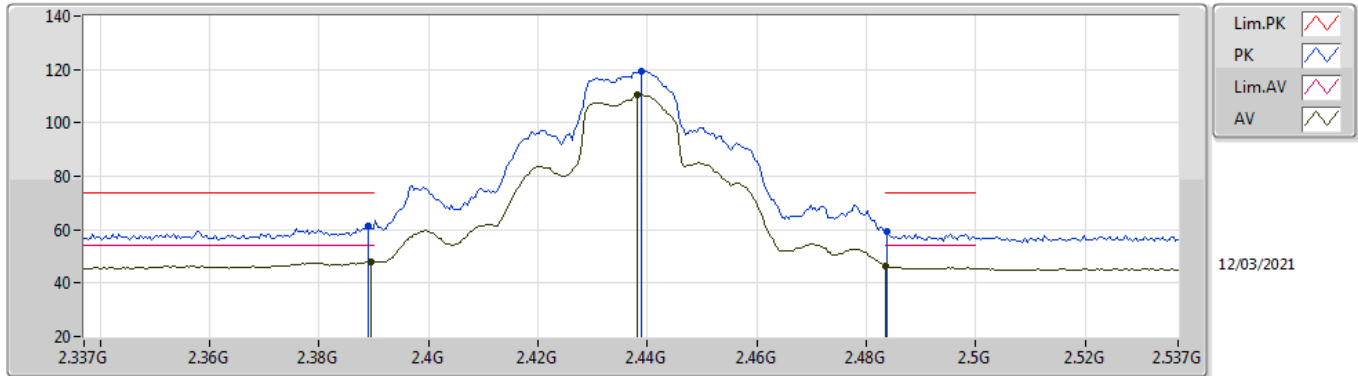
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	52.16	54.00	-1.84	31.52	3	Vertical	283	1.50	-	20.64	27.64	3.88	-
AV	2.4338G	112.88	Inf	-Inf	31.55	3	Vertical	283	1.50	-	81.33	27.60	3.95	-
AV	2.4858G	51.48	54.00	-2.52	31.63	3	Vertical	283	1.50	-	19.85	27.60	4.03	-
PK	2.3894G	66.56	74.00	-7.44	31.52	3	Vertical	283	1.50	-	35.04	27.64	3.88	-
PK	2.433G	122.25	Inf	-Inf	31.55	3	Vertical	283	1.50	-	90.70	27.60	3.95	-
PK	2.485G	66.26	74.00	-7.74	31.63	3	Vertical	283	1.50	-	34.63	27.60	4.03	-

802.11g_Nss1,(6Mbps)_4TX

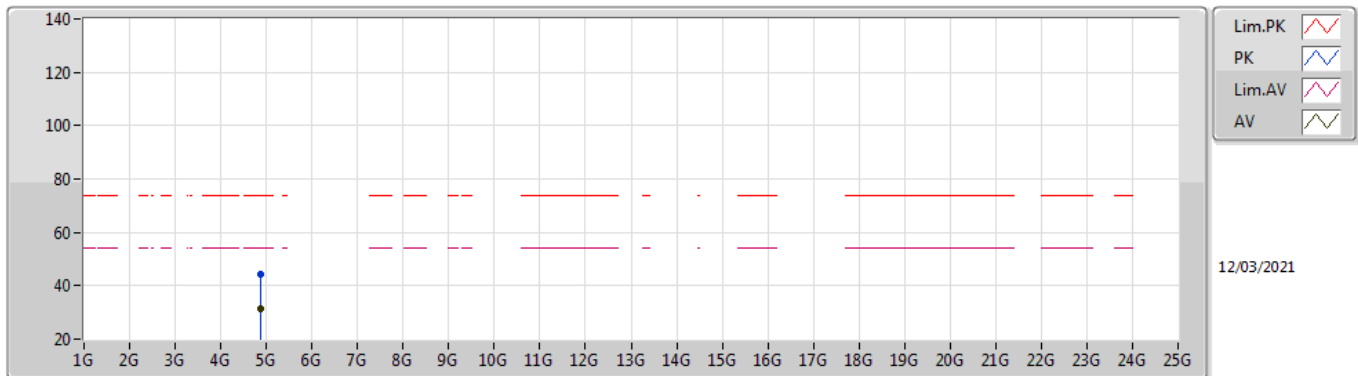
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3894G	48.01	54.00	-5.99	31.52	3	Horizontal	94	2.29	-	16.49	27.64	3.88	-
AV	2.4382G	110.44	Inf	-Inf	31.56	3	Horizontal	94	2.29	-	78.88	27.60	3.96	-
AV	2.4835G	46.46	54.00	-7.54	31.63	3	Horizontal	94	2.29	-	14.83	27.60	4.03	-
PK	2.389G	61.52	74.00	-12.48	31.52	3	Horizontal	94	2.29	-	30.00	27.64	3.88	-
PK	2.439G	119.38	Inf	-Inf	31.56	3	Horizontal	94	2.29	-	87.82	27.60	3.96	-
PK	2.4838G	59.51	74.00	-14.49	31.63	3	Horizontal	94	2.29	-	27.88	27.60	4.03	-

802.11g_Nss1,(6Mbps)_4TX

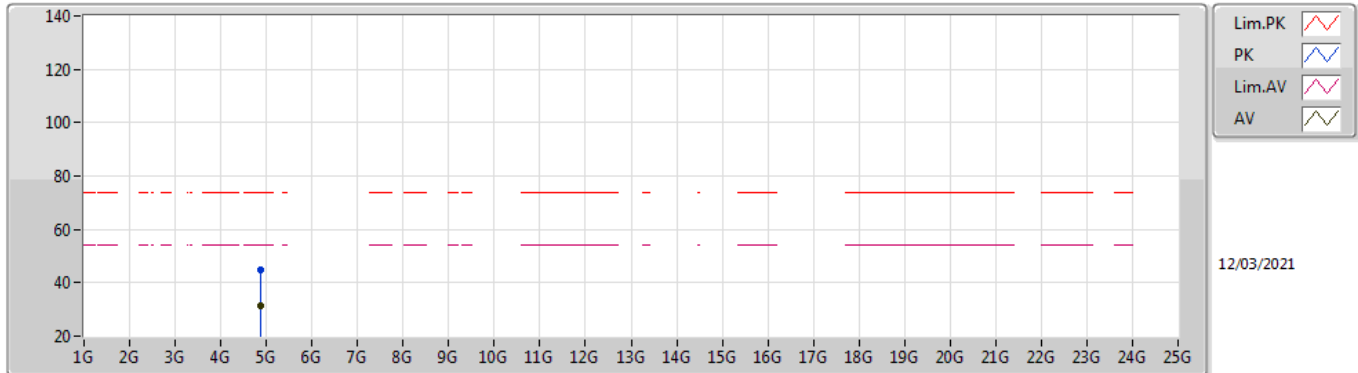
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.87638G	31.21	54.00	-22.79	1.66	3	Vertical	318	2.46	-	29.55	31.25	5.34	34.93
PK	4.8743G	44.25	74.00	-29.75	1.66	3	Vertical	318	2.46	-	42.59	31.25	5.34	34.93

802.11g_Nss1,(6Mbps)_4TX

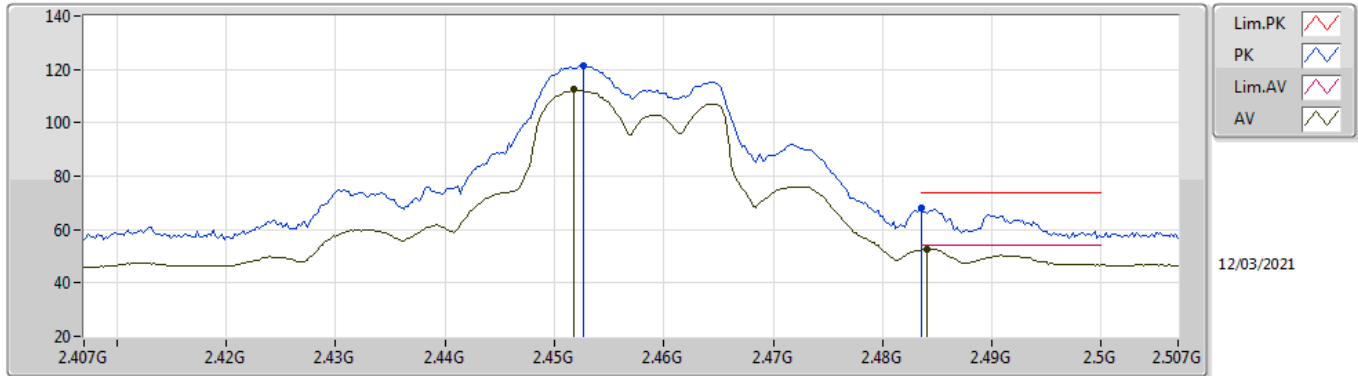
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.87428G	31.51	54.00	-22.49	1.66	3	Horizontal	95	1.49	-	29.85	31.25	5.34	34.93
PK	4.87466G	45.02	74.00	-28.98	1.66	3	Horizontal	95	1.49	-	43.36	31.25	5.34	34.93

802.11g_Nss1,(6Mbps)_4TX

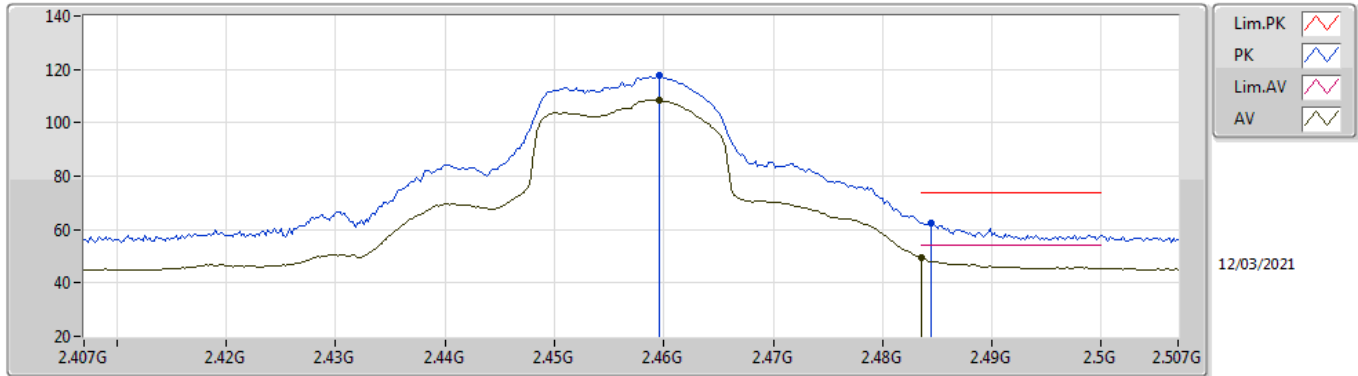
2457MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4518G	112.38	Inf	-Inf	31.58	3	Vertical	98	1.50	-	80.80	27.60	3.98	-
AV	2.484G	52.77	54.00	-1.23	31.63	3	Vertical	98	1.50	-	21.14	27.60	4.03	-
PK	2.4526G	121.43	Inf	-Inf	31.58	3	Vertical	98	1.50	-	89.85	27.60	3.98	-
PK	2.4835G	68.10	74.00	-5.90	31.63	3	Vertical	98	1.50	-	36.47	27.60	4.03	-

802.11g_Nss1,(6Mbps)_4TX

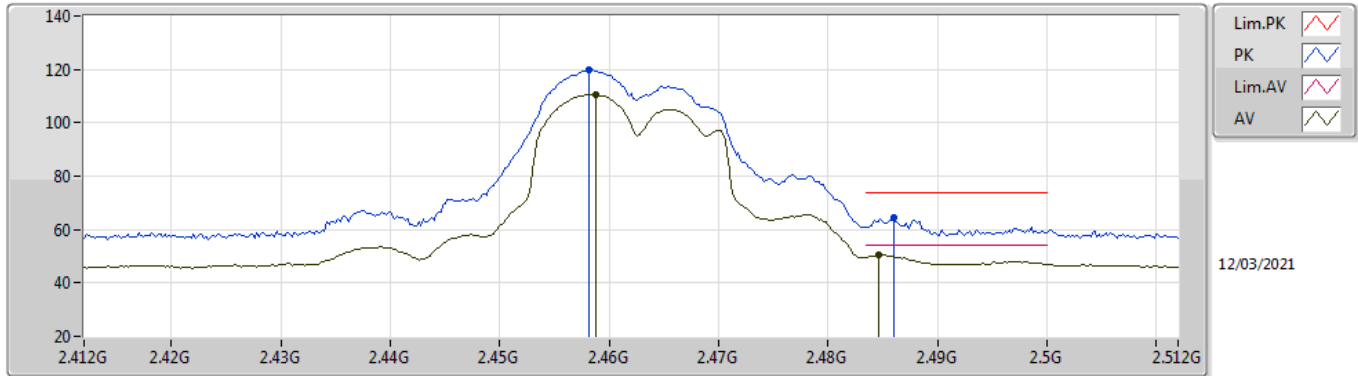
2457MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4596G	108.39	Inf	-Inf	31.59	3	Horizontal	90	3.00	-	76.80	27.60	3.99	-
AV	2.4835G	49.33	54.00	-4.67	31.63	3	Horizontal	90	3.00	-	17.70	27.60	4.03	-
PK	2.4596G	117.78	Inf	-Inf	31.59	3	Horizontal	90	3.00	-	86.19	27.60	3.99	-
PK	2.4844G	62.67	74.00	-11.33	31.63	3	Horizontal	90	3.00	-	31.04	27.60	4.03	-

802.11g_Nss1,(6Mbps)_4TX

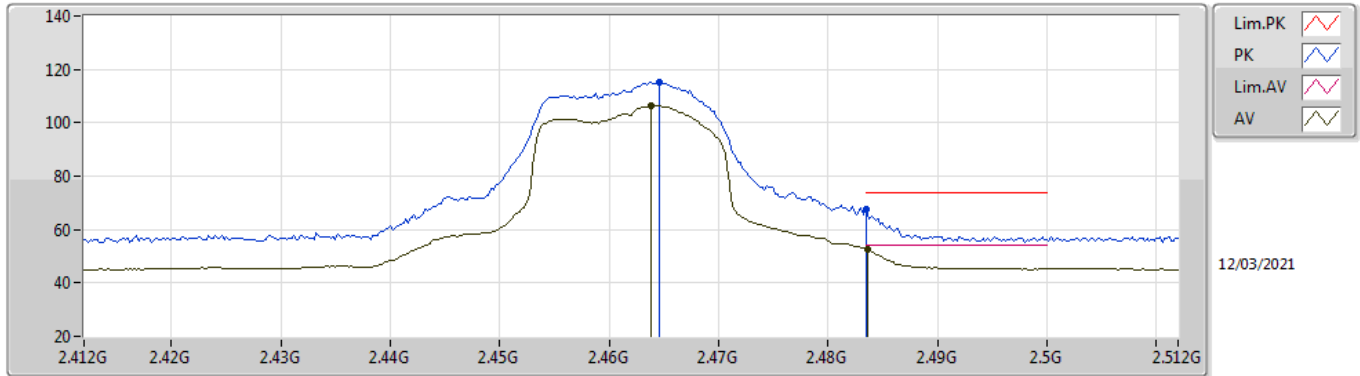
2462MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4588G	110.69	Inf	-Inf	31.59	3	Vertical	78.9	1.87	-	79.10	27.60	3.99	-
AV	2.4846G	50.55	54.00	-3.45	31.63	3	Vertical	78.9	1.87	-	18.92	27.60	4.03	-
PK	2.4582G	119.77	Inf	-Inf	31.59	3	Vertical	78.9	1.87	-	88.18	27.60	3.99	-
PK	2.486G	64.38	74.00	-9.62	31.63	3	Vertical	78.9	1.87	-	32.75	27.60	4.03	-

802.11g_Nss1,(6Mbps)_4TX

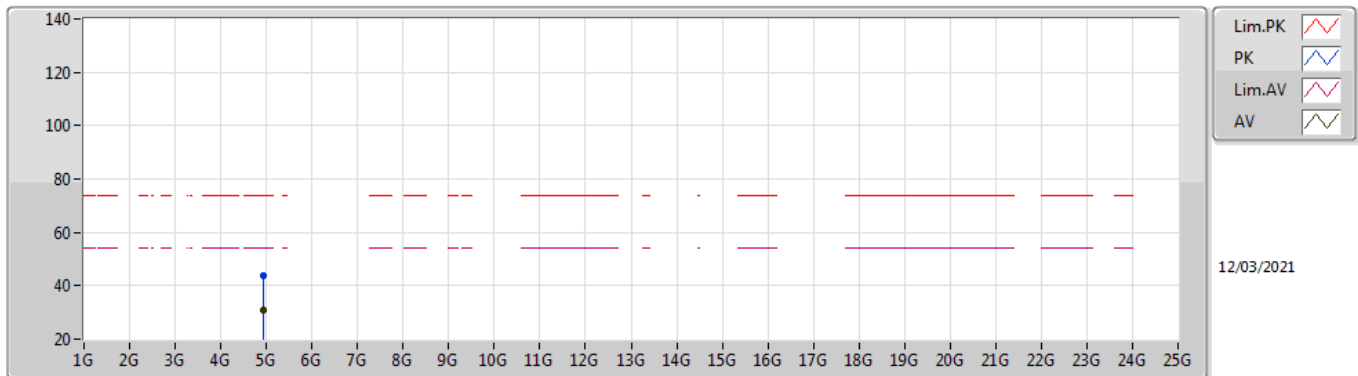
2462MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4638G	106.31	Inf	-Inf	31.60	3	Horizontal	90	3.00	-	74.71	27.60	4.00	-
AV	2.4836G	52.62	54.00	-1.38	31.63	3	Horizontal	90	3.00	-	20.99	27.60	4.03	-
PK	2.4646G	115.39	Inf	-Inf	31.60	3	Horizontal	90	3.00	-	83.79	27.60	4.00	-
PK	2.4835G	67.79	74.00	-6.21	31.63	3	Horizontal	90	3.00	-	36.16	27.60	4.03	-

802.11g_Nss1,(6Mbps)_4TX

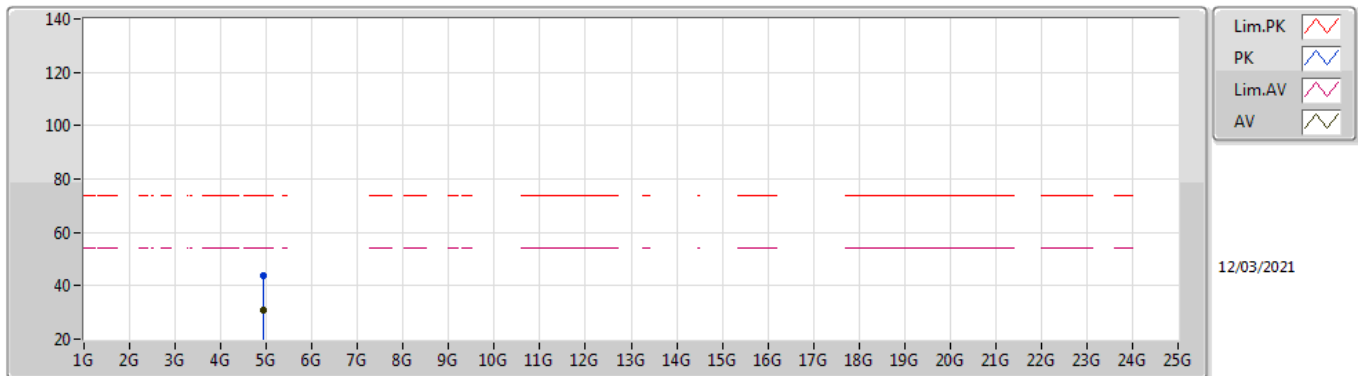
2462MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.92724G	30.73	54.00	-23.27	1.73	3	Vertical	312	1.23	-	29.00	31.31	5.36	34.94
PK	4.92014G	43.86	74.00	-30.14	1.70	3	Vertical	312	1.23	-	42.16	31.28	5.36	34.94

802.11g_Nss1,(6Mbps)_4TX

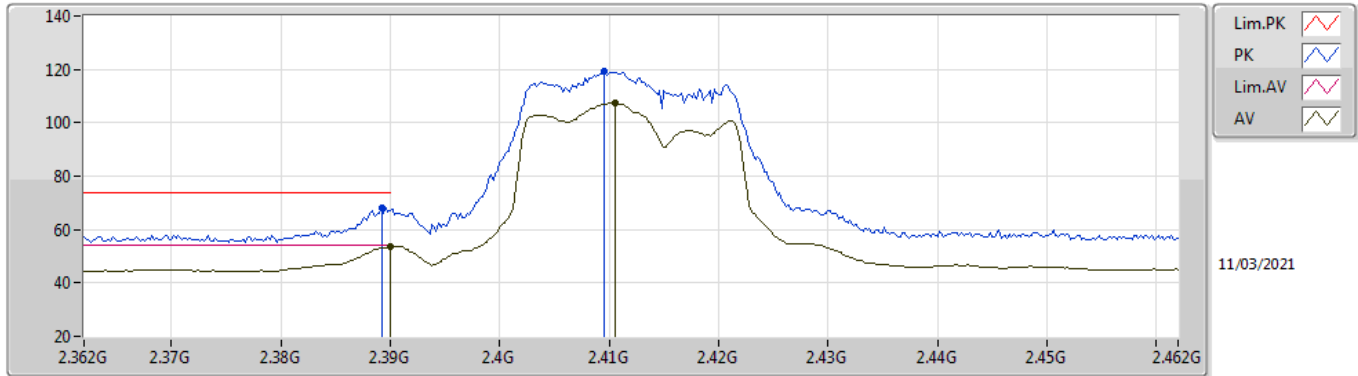
2462MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.92698G	30.68	54.00	-23.32	1.73	3	Horizontal	360	1.48	-	28.95	31.31	5.36	34.94
PK	4.92344G	43.97	74.00	-30.03	1.71	3	Horizontal	360	1.48	-	42.26	31.29	5.36	34.94

802.11ax HEW20_Nss1,(MCS0)_4TX

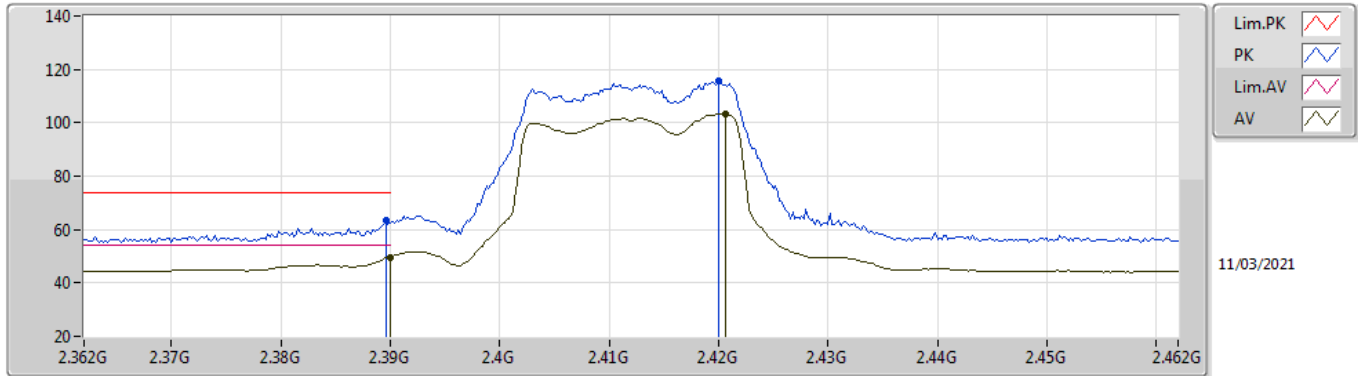
2412MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	53.55	54.00	-0.45	31.52	3	Vertical	301	1.95	-	22.03	27.64	3.88	-
AV	2.4106G	107.31	Inf	-Inf	31.52	3	Vertical	301	1.95	-	75.79	27.60	3.92	-
PK	2.3892G	68.00	74.00	-6.00	31.52	3	Vertical	301	1.95	-	36.48	27.64	3.88	-
PK	2.4096G	119.12	Inf	-Inf	31.51	3	Vertical	301	1.95	-	87.61	27.60	3.91	-

802.11ax HEW20_Nss1,(MCS0)_4TX

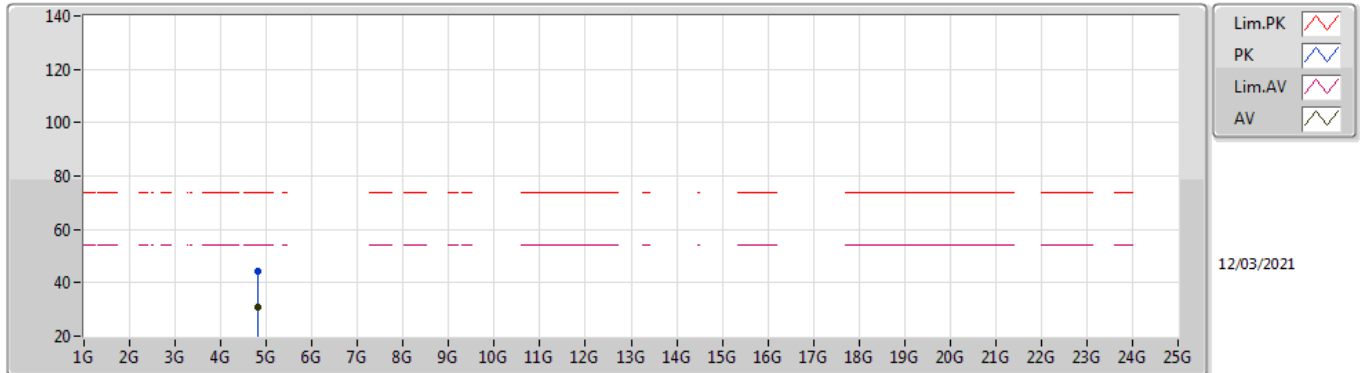
2412MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	49.67	54.00	-4.33	31.52	3	Horizontal	93	2.08	-	18.15	27.64	3.88	-
AV	2.4206G	103.15	Inf	-Inf	31.53	3	Horizontal	93	2.08	-	71.62	27.60	3.93	-
PK	2.3896G	63.19	74.00	-10.81	31.52	3	Horizontal	93	2.08	-	31.67	27.64	3.88	-
PK	2.42G	115.63	Inf	-Inf	31.53	3	Horizontal	93	2.08	-	84.10	27.60	3.93	-

802.11ax HEW20_Nss1,(MCS0)_4TX

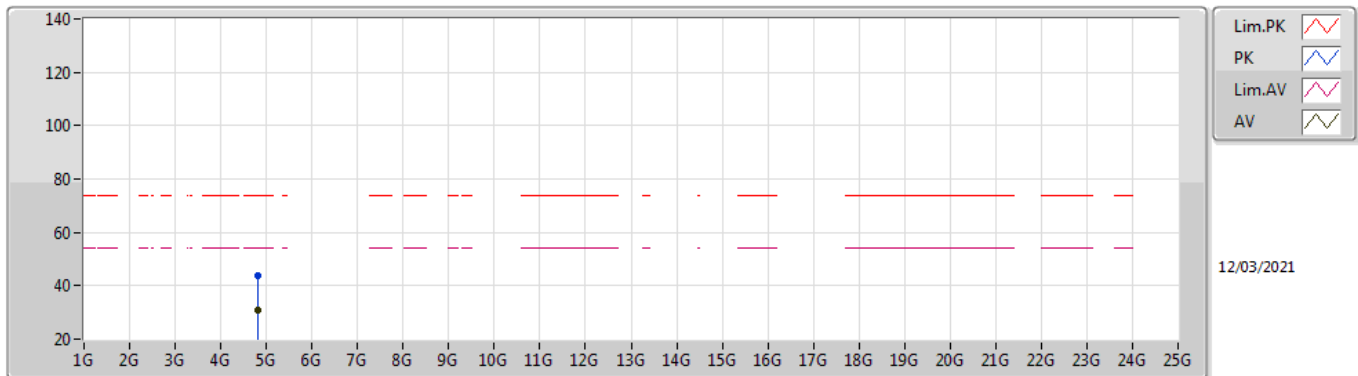
2412MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.82171G	30.91	54.00	-23.09	1.57	3	Vertical	279	1.50	-	29.34	31.19	5.31	34.93
PK	4.82449G	44.06	74.00	-29.94	1.58	3	Vertical	279	1.50	-	42.48	31.20	5.31	34.93

802.11ax HEW20_Nss1,(MCS0)_4TX

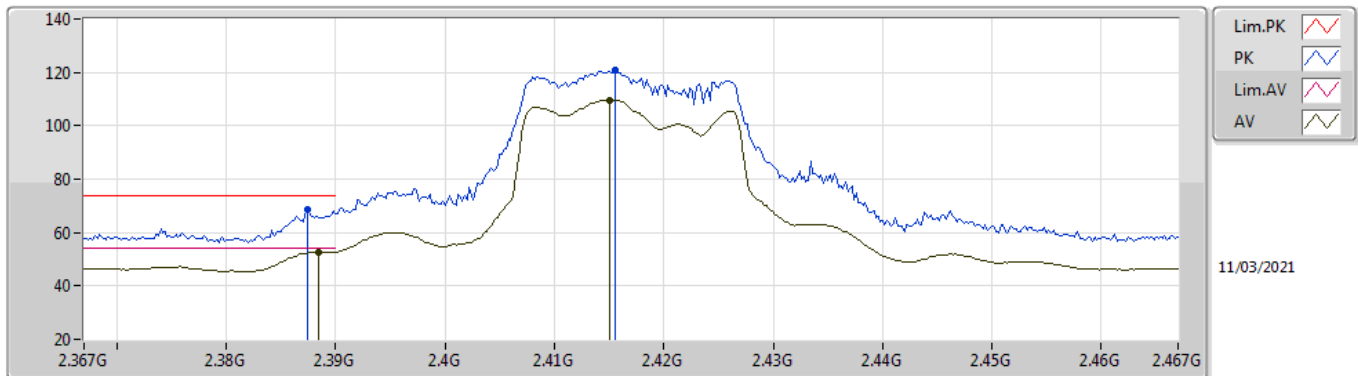
2412MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.82244G	30.87	54.00	-23.13	1.57	3	Horizontal	68	1.50	-	29.30	31.19	5.31	34.93
PK	4.82184G	43.96	74.00	-30.04	1.57	3	Horizontal	68	1.50	-	42.39	31.19	5.31	34.93

802.11ax HEW20_Nss1,(MCS0)_4TX

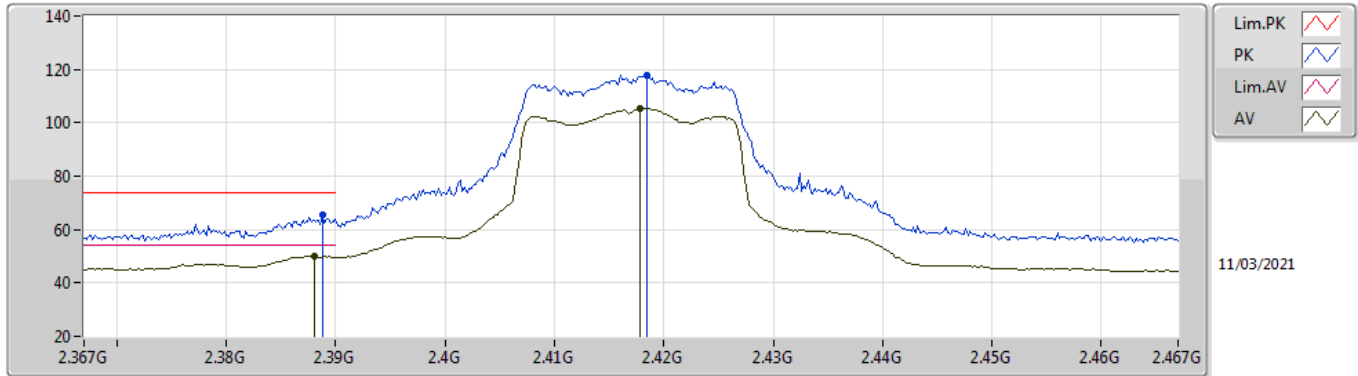
2417MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3884G	52.84	54.00	-1.16	31.53	3	Vertical	295	1.99	-	21.31	27.65	3.88	-
AV	2.415G	109.61	Inf	-Inf	31.52	3	Vertical	295	1.99	-	78.09	27.60	3.92	-
PK	2.4156G	121.04	Inf	-Inf	31.52	3	Vertical	295	1.99	-	89.52	27.60	3.92	-
PK	2.3874G	68.81	74.00	-5.19	31.53	3	Vertical	295	1.99	-	37.28	27.65	3.88	-

802.11ax HEW20_Nss1,(MCS0)_4TX

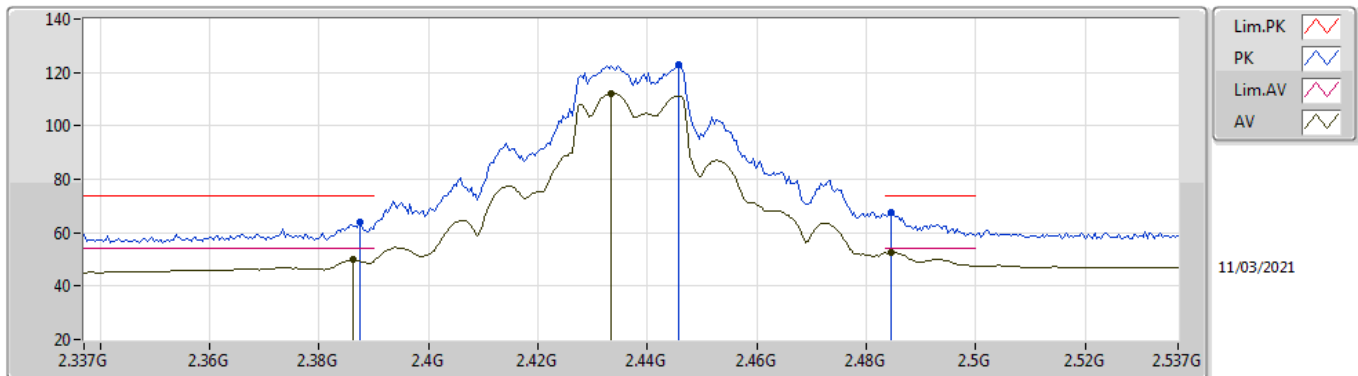
2417MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.388G	49.93	54.00	-4.07	31.53	3	Horizontal	85	2.87	-	18.40	27.65	3.88	-
AV	2.4178G	105.50	Inf	-Inf	31.53	3	Horizontal	85	2.87	-	73.97	27.60	3.93	-
PK	2.3888G	65.46	74.00	-8.54	31.52	3	Horizontal	85	2.87	-	33.94	27.64	3.88	-
PK	2.4184G	117.54	Inf	-Inf	31.53	3	Horizontal	85	2.87	-	86.01	27.60	3.93	-

802.11ax HEW20_Nss1,(MCS0)_4TX

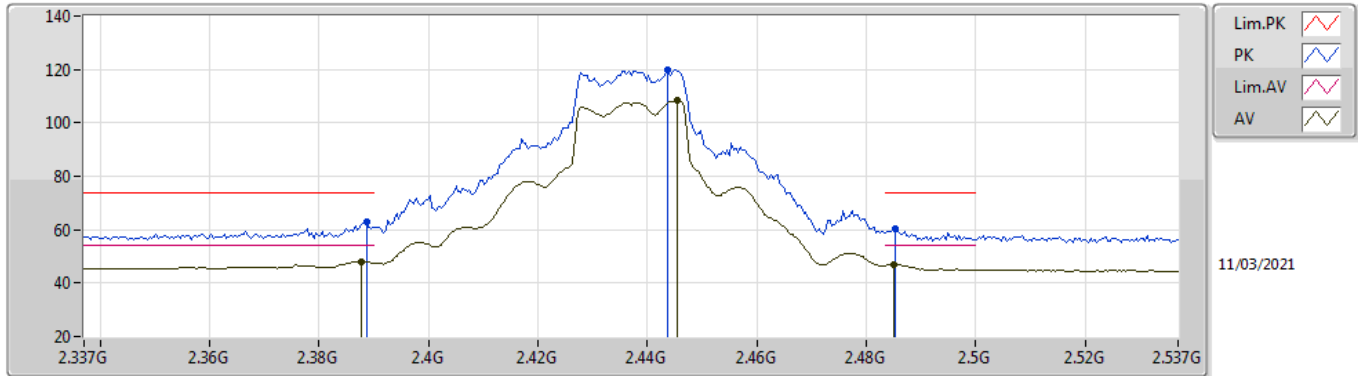
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3862G	49.82	54.00	-4.18	31.54	3	Vertical	280	2.17	-	18.28	27.66	3.88	-
AV	2.4334G	112.17	Inf	-Inf	31.55	3	Vertical	280	2.17	-	80.62	27.60	3.95	-
AV	2.4846G	52.54	54.00	-1.46	31.63	3	Vertical	280	2.17	-	20.91	27.60	4.03	-
PK	2.3874G	63.73	74.00	-10.27	31.53	3	Vertical	280	2.17	-	32.20	27.65	3.88	-
PK	2.4458G	122.80	Inf	-Inf	31.57	3	Vertical	280	2.17	-	91.23	27.60	3.97	-
PK	2.4846G	67.54	74.00	-6.46	31.63	3	Vertical	280	2.17	-	35.91	27.60	4.03	-

802.11ax HEW20_Nss1,(MCS0)_4TX

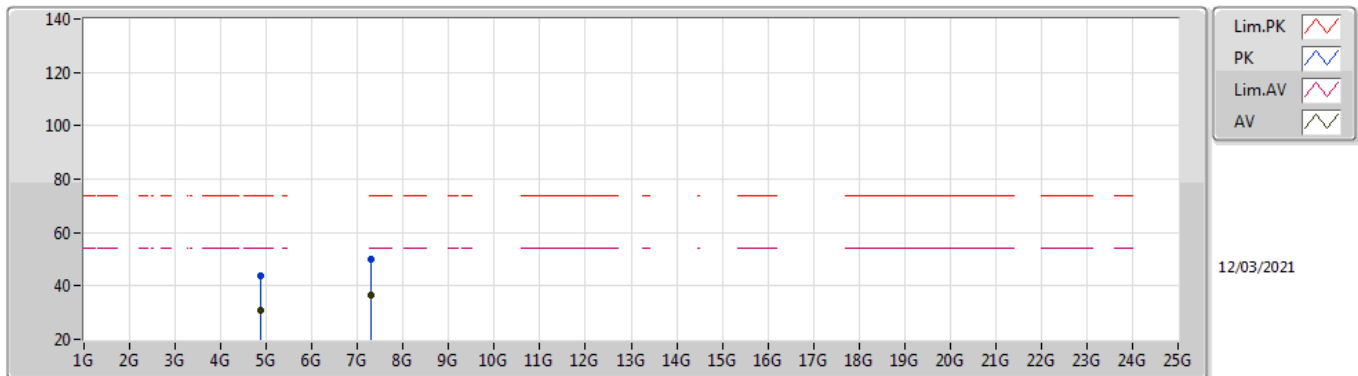
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3878G	48.04	54.00	-5.96	31.53	3	Horizontal	87	1.84	-	16.51	27.65	3.88	-
AV	2.4454G	108.46	Inf	-Inf	31.57	3	Horizontal	87	1.84	-	76.89	27.60	3.97	-
AV	2.485G	47.13	54.00	-6.87	31.63	3	Horizontal	87	1.84	-	15.50	27.60	4.03	-
PK	2.3886G	62.73	74.00	-11.27	31.53	3	Horizontal	87	1.84	-	31.20	27.65	3.88	-
PK	2.4438G	119.99	Inf	-Inf	31.57	3	Horizontal	87	1.84	-	88.42	27.60	3.97	-
PK	2.4854G	60.39	74.00	-13.61	31.63	3	Horizontal	87	1.84	-	28.76	27.60	4.03	-

802.11ax HEW20_Nss1,(MCS0)_4TX

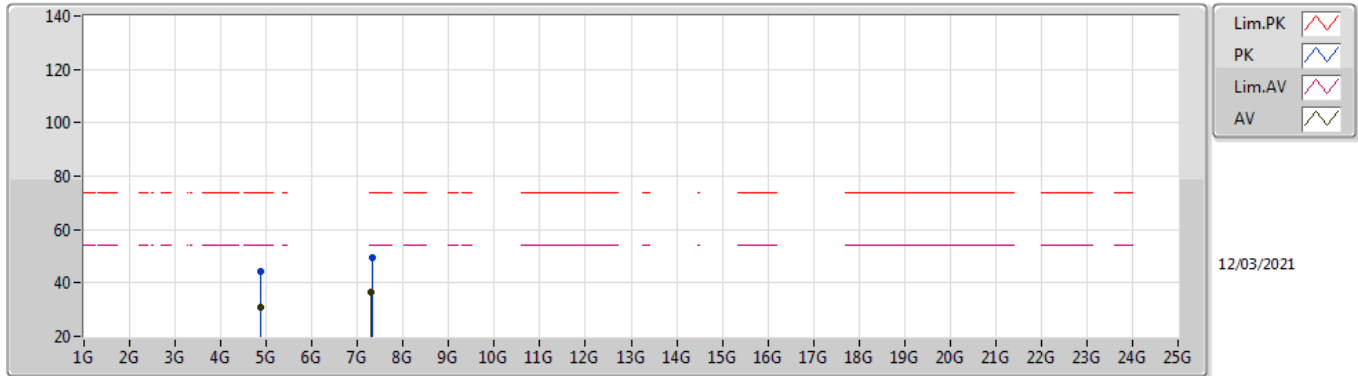
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.87263G	30.61	54.00	-23.39	1.66	3	Vertical	360	2.52	-	28.95	31.25	5.34	34.93
AV	7.30972G	36.45	54.00	-17.55	8.20	3	Vertical	308	1.50	-	28.25	36.58	6.80	35.18
PK	4.87254G	43.61	74.00	-30.39	1.66	3	Vertical	360	2.52	-	41.95	31.25	5.34	34.93
PK	7.30901G	49.89	74.00	-24.11	8.20	3	Vertical	308	1.50	-	41.69	36.58	6.80	35.18

802.11ax HEW20_Nss1,(MCS0)_4TX

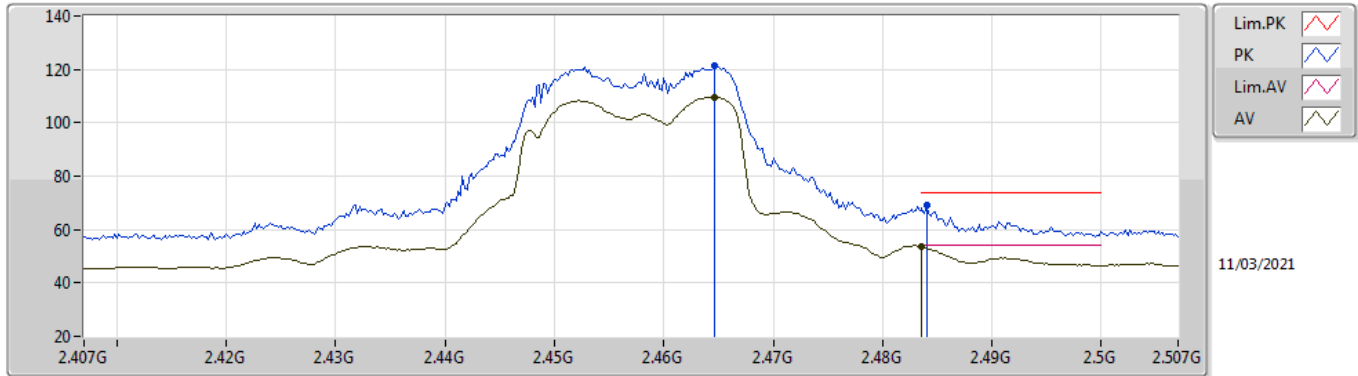
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.8731G	30.72	54.00	-23.28	1.66	3	Horizontal	65	1.67	-	29.06	31.25	5.34	34.93
AV	7.30923G	36.49	54.00	-17.51	8.20	3	Horizontal	295	1.44	-	28.29	36.58	6.80	35.18
PK	4.87415G	44.19	74.00	-29.81	1.66	3	Horizontal	65	1.67	-	42.53	31.25	5.34	34.93
PK	7.31152G	49.60	74.00	-24.40	8.20	3	Horizontal	295	1.44	-	41.40	36.58	6.80	35.18

802.11ax HEW20_Nss1,(MCS0)_4TX

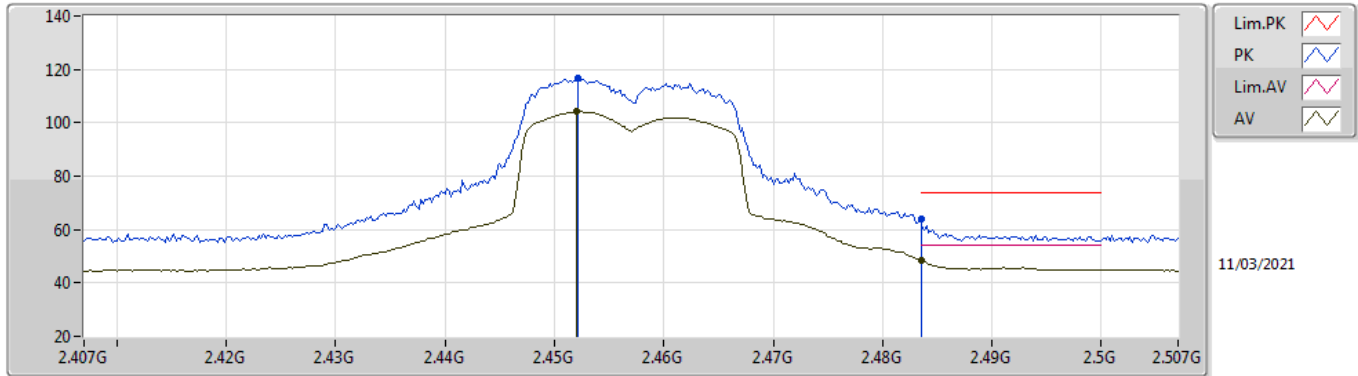
2457MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4646G	109.63	Inf	-Inf	31.60	3	Vertical	260	2.35	-	78.03	27.60	4.00	-
AV	2.4835G	53.71	54.00	-0.29	31.63	3	Vertical	260	2.35	-	22.08	27.60	4.03	-
PK	2.4646G	121.32	Inf	-Inf	31.60	3	Vertical	260	2.35	-	89.72	27.60	4.00	-
PK	2.484G	68.94	74.00	-5.06	31.63	3	Vertical	260	2.35	-	37.31	27.60	4.03	-

802.11ax HEW20_Nss1,(MCS0)_4TX

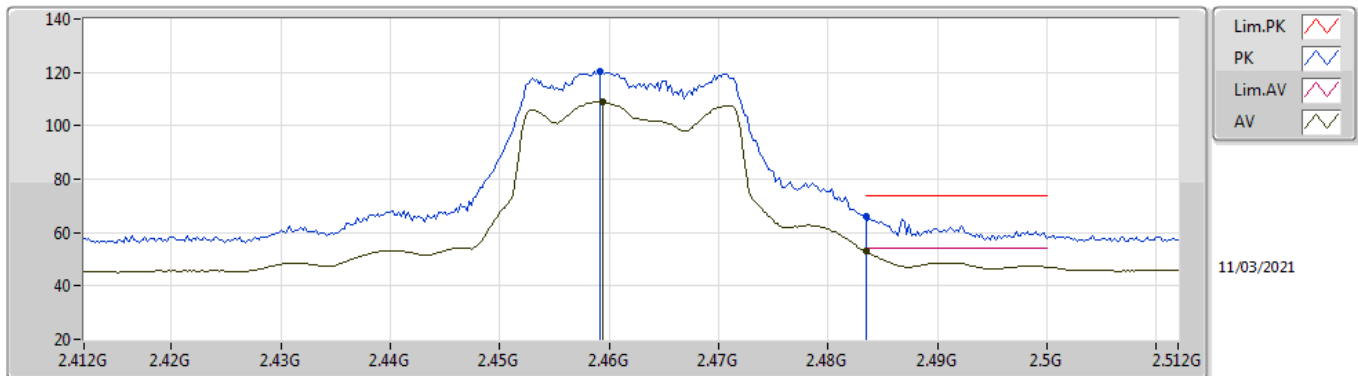
2457MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.452G	104.24	Inf	-Inf	31.58	3	Horizontal	41	1.64	-	72.66	27.60	3.98	-
AV	2.4835G	48.47	54.00	-5.53	31.63	3	Horizontal	41	1.64	-	16.84	27.60	4.03	-
PK	2.4522G	116.61	Inf	-Inf	31.58	3	Horizontal	41	1.64	-	85.03	27.60	3.98	-
PK	2.4835G	63.76	74.00	-10.24	31.63	3	Horizontal	41	1.64	-	32.13	27.60	4.03	-

802.11ax HEW20_Nss1,(MCS0)_4TX

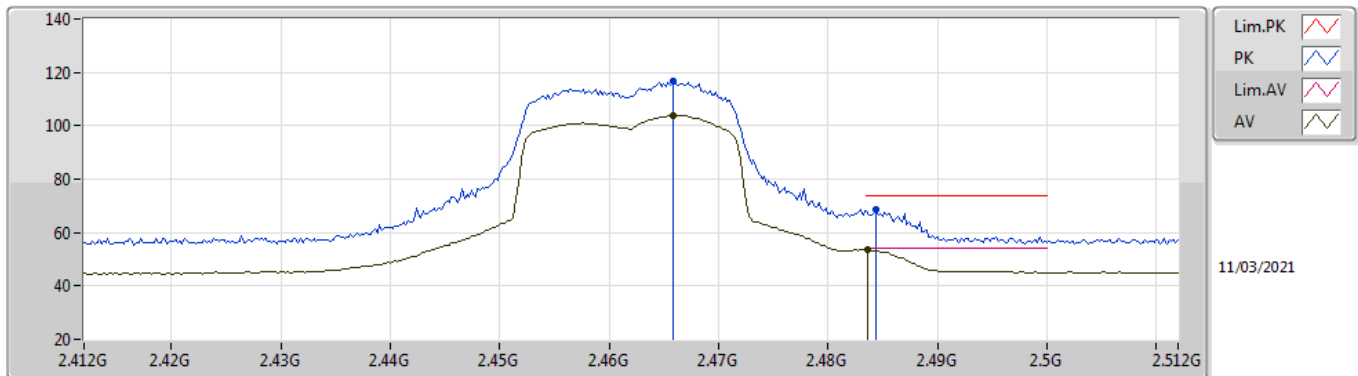
2462MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4594G	108.92	Inf	-Inf	31.59	3	Vertical	286	2.38	-	77.33	27.60	3.99	-
AV	2.4835G	52.90	54.00	-1.10	31.63	3	Vertical	286	2.38	-	21.27	27.60	4.03	-
PK	2.4592G	120.35	Inf	-Inf	31.59	3	Vertical	286	2.38	-	88.76	27.60	3.99	-
PK	2.4835G	66.24	74.00	-7.76	31.63	3	Vertical	286	2.38	-	34.61	27.60	4.03	-

802.11ax HEW20_Nss1,(MCS0)_4TX

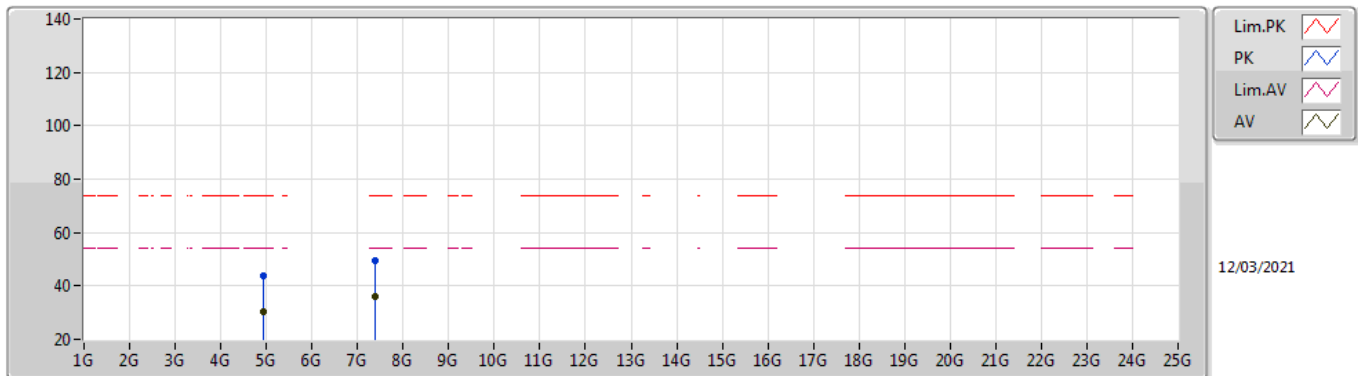
2462MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4658G	103.69	Inf	-Inf	31.60	3	Horizontal	53	2.44	-	72.09	27.60	4.00	-
AV	2.4836G	53.46	54.00	-0.54	31.63	3	Horizontal	53	2.44	-	21.83	27.60	4.03	-
PK	2.4658G	116.83	Inf	-Inf	31.60	3	Horizontal	53	2.44	-	85.23	27.60	4.00	-
PK	2.4844G	68.82	74.00	-5.18	31.63	3	Horizontal	53	2.44	-	37.19	27.60	4.03	-

802.11ax HEW20_Nss1,(MCS0)_4TX

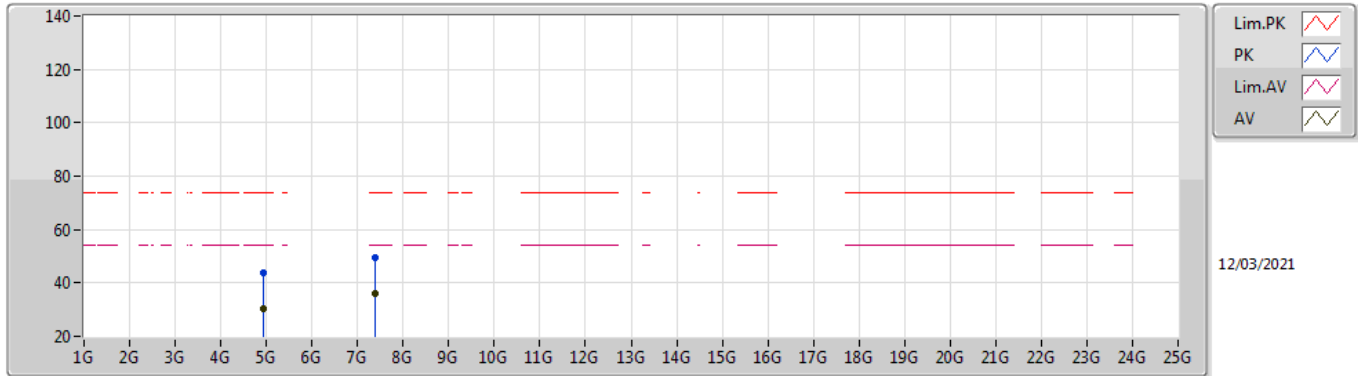
2462MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.9231G	30.15	54.00	-23.85	1.71	3	Vertical	359	1.50	-	28.44	31.29	5.36	34.94
AV	7.38487G	36.25	54.00	-17.75	8.05	3	Vertical	172	1.96	-	28.20	36.43	6.80	35.18
PK	4.92349G	43.70	74.00	-30.30	1.71	3	Vertical	359	1.50	-	41.99	31.29	5.36	34.94
PK	7.38724G	49.67	74.00	-24.33	8.05	3	Vertical	172	1.96	-	41.62	36.43	6.80	35.18

802.11ax HEW20_Nss1,(MCS0)_4TX

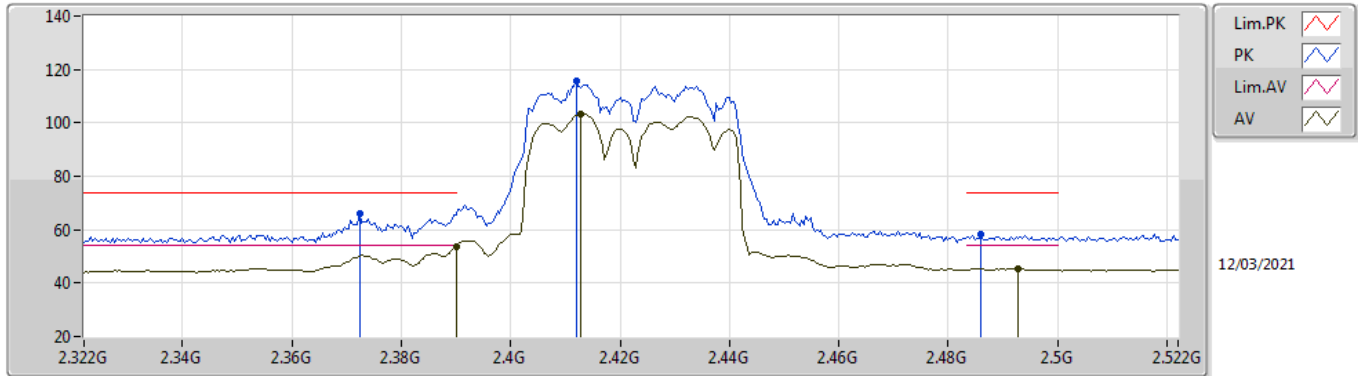
2462MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.9216G	30.17	54.00	-23.83	1.71	3	Horizontal	312	1.50	-	28.46	31.29	5.36	34.94
AV	7.38439G	36.28	54.00	-17.72	8.05	3	Horizontal	159	1.50	-	28.23	36.43	6.80	35.18
PK	4.92624G	43.84	74.00	-30.16	1.72	3	Horizontal	312	1.50	-	42.12	31.30	5.36	34.94
PK	7.38784G	49.34	74.00	-24.66	8.04	3	Horizontal	159	1.50	-	41.30	36.42	6.80	35.18

802.11ax HEW40_Nss1,(MCS0)_4TX

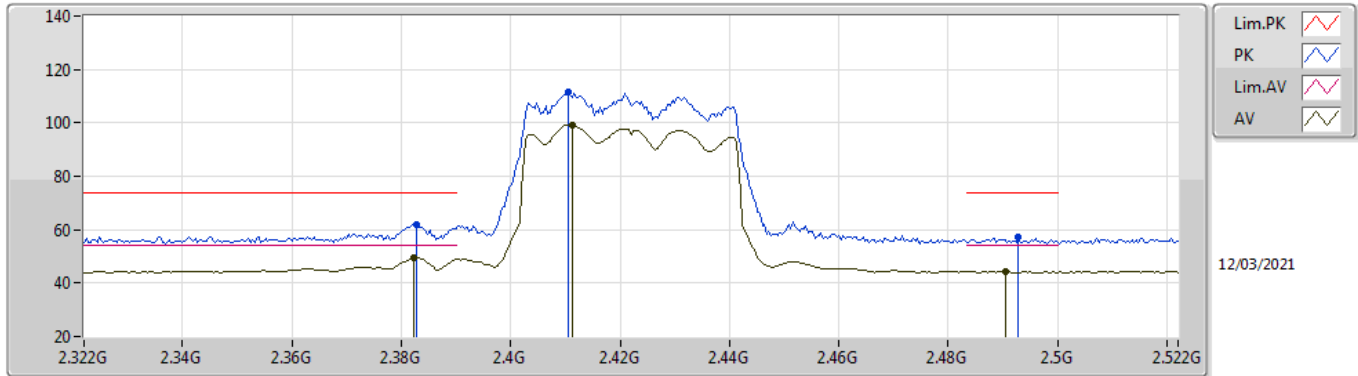
2422MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	53.79	54.00	-0.21	31.52	3	Vertical	51	1.94	-	22.27	27.64	3.88	-
AV	2.4128G	103.07	Inf	-Inf	31.52	3	Vertical	51	1.94	-	71.55	27.60	3.92	-
AV	2.4928G	45.38	54.00	-8.62	31.64	3	Vertical	51	1.94	-	13.74	27.60	4.04	-
PK	2.3724G	66.08	74.00	-7.92	31.57	3	Vertical	51	1.94	-	34.51	27.71	3.86	-
PK	2.412G	115.71	Inf	-Inf	31.52	3	Vertical	51	1.94	-	84.19	27.60	3.92	-
PK	2.486G	58.09	74.00	-15.91	31.63	3	Vertical	51	1.94	-	26.46	27.60	4.03	-

802.11ax HEW40_Nss1,(MCS0)_4TX

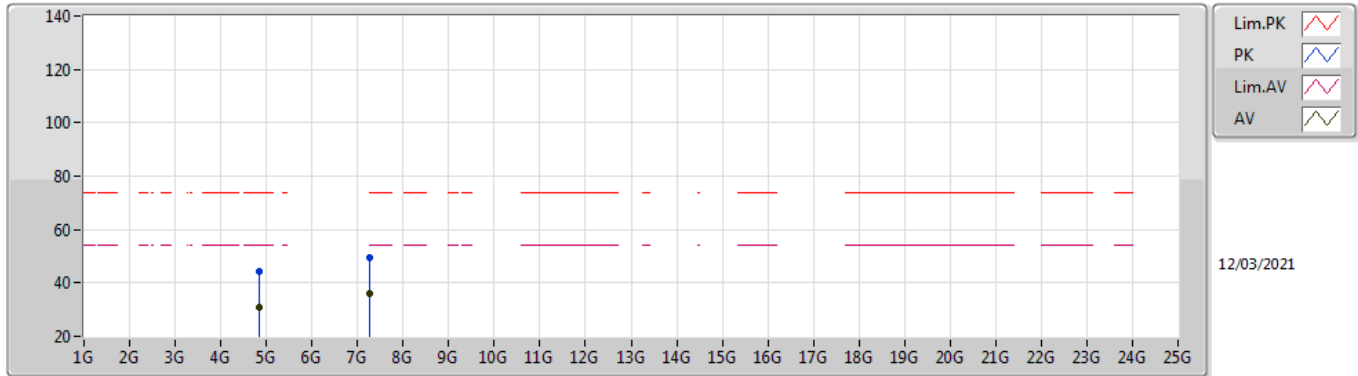
2422MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3824G	49.57	54.00	-4.43	31.54	3	Horizontal	94	1.87	-	18.03	27.67	3.87	-
AV	2.4112G	99.06	Inf	-Inf	31.52	3	Horizontal	94	1.87	-	67.54	27.60	3.92	-
AV	2.4904G	44.32	54.00	-9.68	31.64	3	Horizontal	94	1.87	-	12.68	27.60	4.04	-
PK	2.3828G	62.12	74.00	-11.88	31.54	3	Horizontal	94	1.87	-	30.58	27.67	3.87	-
PK	2.4104G	111.74	Inf	-Inf	31.52	3	Horizontal	94	1.87	-	80.22	27.60	3.92	-
PK	2.4928G	57.14	74.00	-16.86	31.64	3	Horizontal	94	1.87	-	25.50	27.60	4.04	-

802.11ax HEW40_Nss1,(MCS0)_4TX

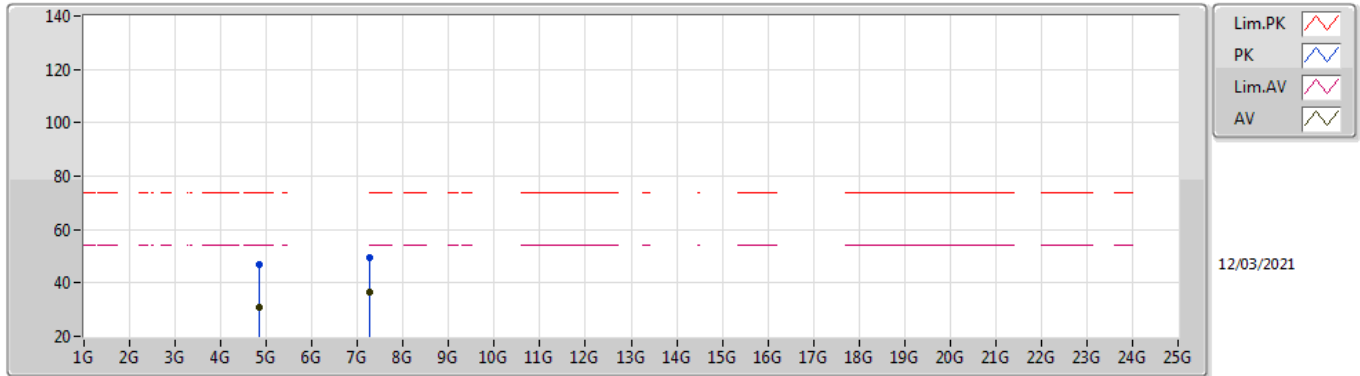
2422MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.84215G	30.77	54.00	-23.23	1.66	3	Vertical	191	1.97	-	29.11	31.27	5.32	34.93
AV	7.26372G	36.27	54.00	-17.73	8.15	3	Vertical	2	1.50	-	28.12	36.53	6.80	35.18
PK	4.84314G	44.26	74.00	-29.74	1.66	3	Vertical	191	1.97	-	42.60	31.27	5.32	34.93
PK	7.26735G	49.59	74.00	-24.41	8.15	3	Vertical	2	1.50	-	41.44	36.53	6.80	35.18

802.11ax HEW40_Nss1,(MCS0)_4TX

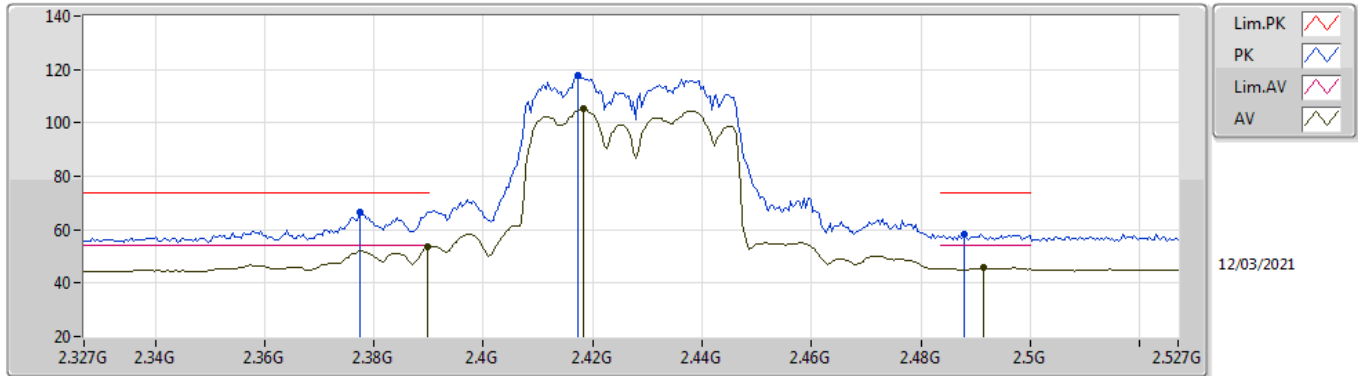
2422MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.83638G	31.01	54.00	-22.99	1.64	3	Horizontal	228	1.62	-	29.37	31.25	5.32	34.93
AV	7.2786G	36.35	54.00	-17.65	8.18	3	Horizontal	195	2.46	-	28.17	36.56	6.80	35.18
PK	4.85342G	46.83	74.00	-27.17	1.69	3	Horizontal	228	1.62	-	45.14	31.29	5.33	34.93
PK	7.25964G	49.49	74.00	-24.51	8.14	3	Horizontal	195	2.46	-	41.35	36.52	6.80	35.18

802.11ax HEW40_Nss1,(MCS0)_4TX

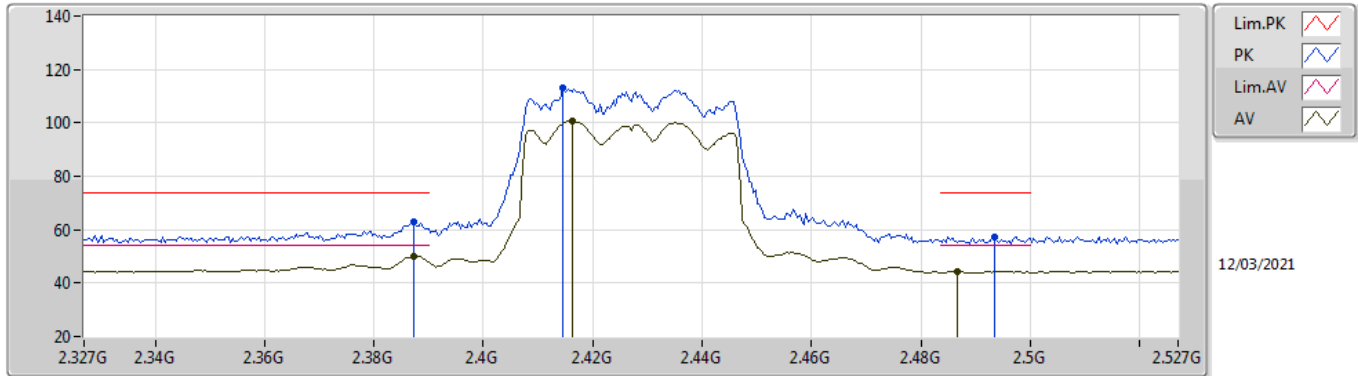
2427MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	53.44	54.00	-0.56	31.52	3	Vertical	52	1.96	-	21.92	27.64	3.88	-
AV	2.4182G	105.22	Inf	-Inf	31.53	3	Vertical	52	1.96	-	73.69	27.60	3.93	-
AV	2.4914G	45.71	54.00	-8.29	31.64	3	Vertical	52	1.96	-	14.07	27.60	4.04	-
PK	2.3774G	66.51	74.00	-7.49	31.56	3	Vertical	52	1.96	-	34.95	27.69	3.87	-
PK	2.4174G	117.92	Inf	-Inf	31.53	3	Vertical	52	1.96	-	86.39	27.60	3.93	-
PK	2.4878G	58.11	74.00	-15.89	31.63	3	Vertical	52	1.96	-	26.48	27.60	4.03	-

802.11ax HEW40_Nss1,(MCS0)_4TX

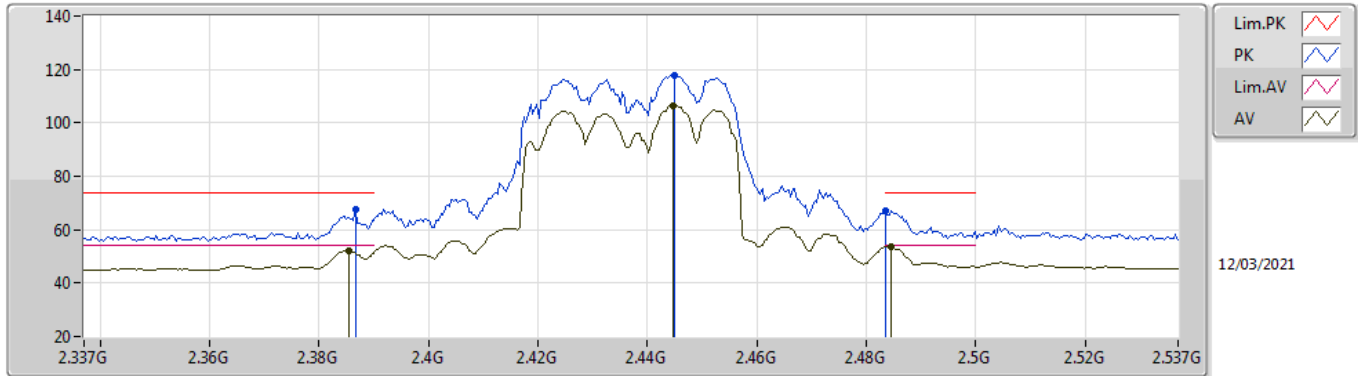
2427MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3874G	50.14	54.00	-3.86	31.53	3	Horizontal	96	2.09	-	18.61	27.65	3.88	-
AV	2.4162G	100.51	Inf	-Inf	31.52	3	Horizontal	96	2.09	-	68.99	27.60	3.92	-
AV	2.4866G	44.28	54.00	-9.72	31.63	3	Horizontal	96	2.09	-	12.65	27.60	4.03	-
PK	2.3874G	62.78	74.00	-11.22	31.53	3	Horizontal	96	2.09	-	31.25	27.65	3.88	-
PK	2.4146G	112.87	Inf	-Inf	31.52	3	Horizontal	96	2.09	-	81.35	27.60	3.92	-
PK	2.4934G	57.24	74.00	-16.76	31.64	3	Horizontal	96	2.09	-	25.60	27.60	4.04	-

802.11ax HEW40_Nss1,(MCS0)_4TX

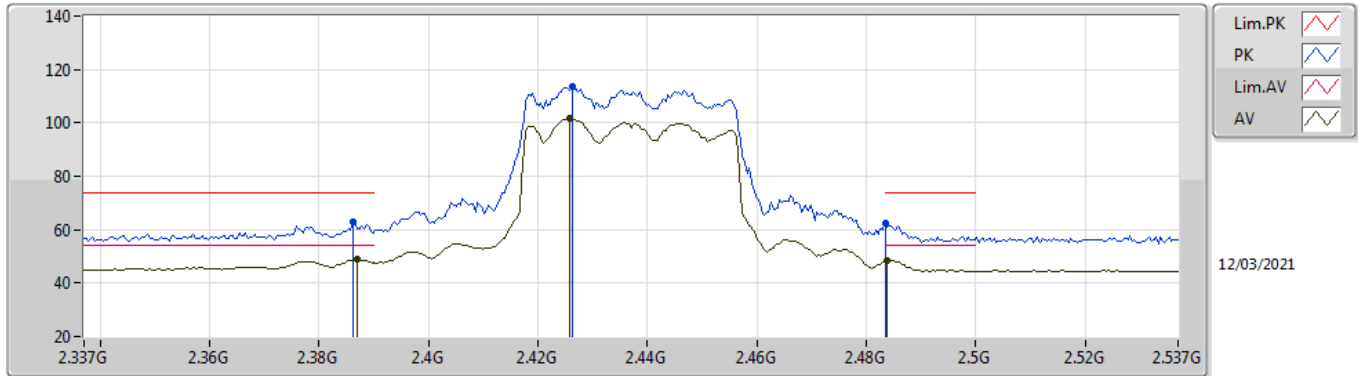
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3854G	52.24	54.00	-1.76	31.54	3	Vertical	93	1.52	-	20.70	27.66	3.88	-
AV	2.4446G	106.44	Inf	-Inf	31.57	3	Vertical	93	1.52	-	74.87	27.60	3.97	-
AV	2.4846G	53.70	54.00	-0.30	31.63	3	Vertical	93	1.52	-	22.07	27.60	4.03	-
PK	2.3866G	67.46	74.00	-6.54	31.53	3	Vertical	93	1.52	-	35.93	27.65	3.88	-
PK	2.445G	117.87	Inf	-Inf	31.57	3	Vertical	93	1.52	-	86.30	27.60	3.97	-
PK	2.4835G	67.13	74.00	-6.87	31.63	3	Vertical	93	1.52	-	35.50	27.60	4.03	-

802.11ax HEW40_Nss1,(MCS0)_4TX

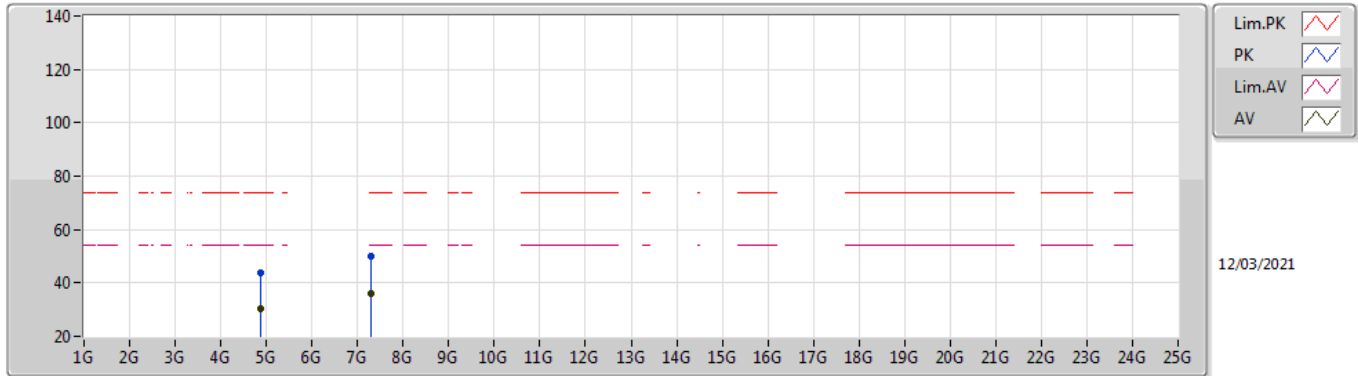
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.387G	48.77	54.00	-5.23	31.53	3	Horizontal	95	2.10	-	17.24	27.65	3.88	-
AV	2.4258G	101.61	Inf	-Inf	31.54	3	Horizontal	95	2.10	-	70.07	27.60	3.94	-
AV	2.4838G	48.37	54.00	-5.63	31.63	3	Horizontal	95	2.10	-	16.74	27.60	4.03	-
PK	2.3862G	63.14	74.00	-10.86	31.54	3	Horizontal	95	2.10	-	31.60	27.66	3.88	-
PK	2.4262G	113.57	Inf	-Inf	31.54	3	Horizontal	95	2.10	-	82.03	27.60	3.94	-
PK	2.4835G	62.32	74.00	-11.68	31.63	3	Horizontal	95	2.10	-	30.69	27.60	4.03	-

802.11ax HEW40_Nss1,(MCS0)_4TX

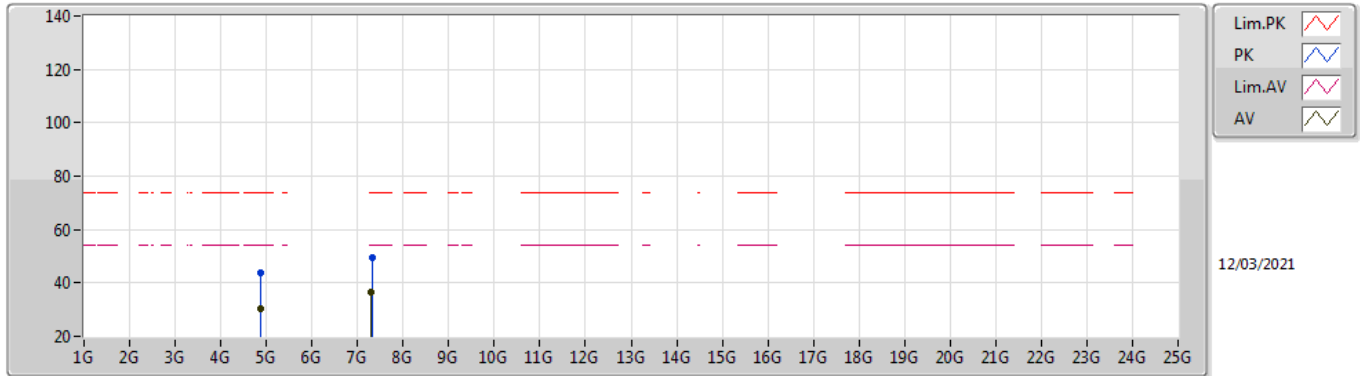
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.85942G	30.35	54.00	-23.65	1.68	3	Vertical	126	1.73	-	28.67	31.28	5.33	34.93
AV	7.29816G	36.21	54.00	-17.79	8.22	3	Vertical	349	2.16	-	27.99	36.60	6.80	35.18
PK	4.85924G	43.82	74.00	-30.18	1.68	3	Vertical	126	1.73	-	42.14	31.28	5.33	34.93
PK	7.30668G	50.15	74.00	-23.85	8.21	3	Vertical	349	2.16	-	41.94	36.59	6.80	35.18

802.11ax HEW40_Nss1,(MCS0)_4TX

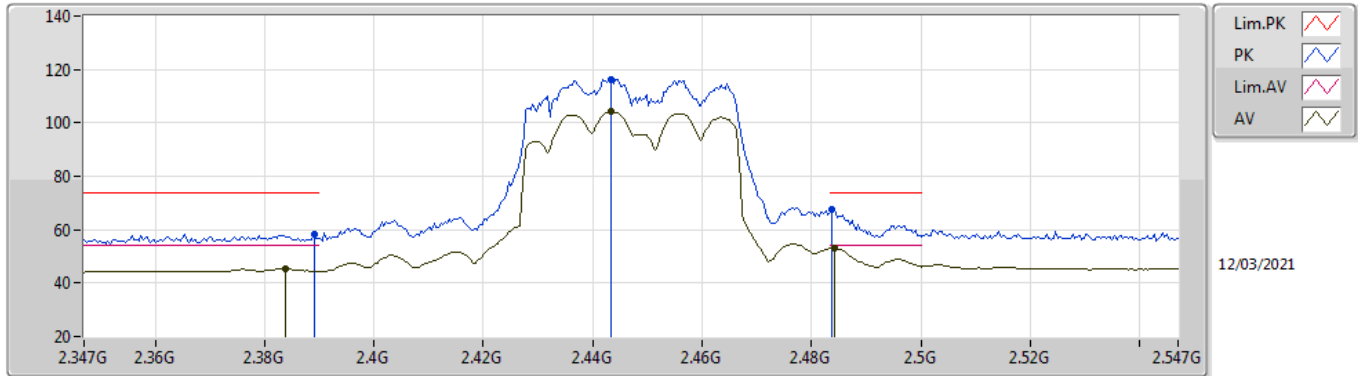
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.85966G	30.27	54.00	-23.73	1.68	3	Horizontal	62	1.90	-	28.59	31.28	5.33	34.93
AV	7.2984G	36.31	54.00	-17.69	8.22	3	Horizontal	86	2.49	-	28.09	36.60	6.80	35.18
PK	4.88342G	43.77	74.00	-30.23	1.64	3	Horizontal	62	1.90	-	42.13	31.23	5.34	34.93
PK	7.31238G	49.74	74.00	-24.26	8.20	3	Horizontal	86	2.49	-	41.54	36.58	6.80	35.18

802.11ax HEW40_Nss1,(MCS0)_4TX

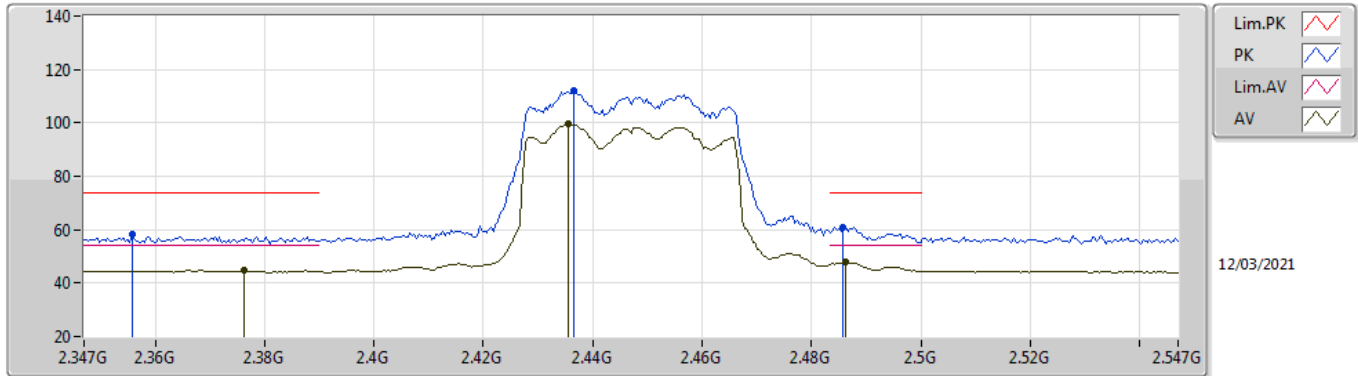
2447MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3838G	45.37	54.00	-8.63	31.54	3	Vertical	281	1.92	-	13.83	27.66	3.88	-
AV	2.4434G	104.30	Inf	-Inf	31.57	3	Vertical	281	1.92	-	72.73	27.60	3.97	-
AV	2.4842G	53.18	54.00	-0.82	31.63	3	Vertical	281	1.92	-	21.55	27.60	4.03	-
PK	2.389G	58.38	74.00	-15.62	31.52	3	Vertical	281	1.92	-	26.86	27.64	3.88	-
PK	2.4434G	116.42	Inf	-Inf	31.57	3	Vertical	281	1.92	-	84.85	27.60	3.97	-
PK	2.4838G	67.54	74.00	-6.46	31.63	3	Vertical	281	1.92	-	35.91	27.60	4.03	-

802.11ax HEW40_Nss1,(MCS0)_4TX

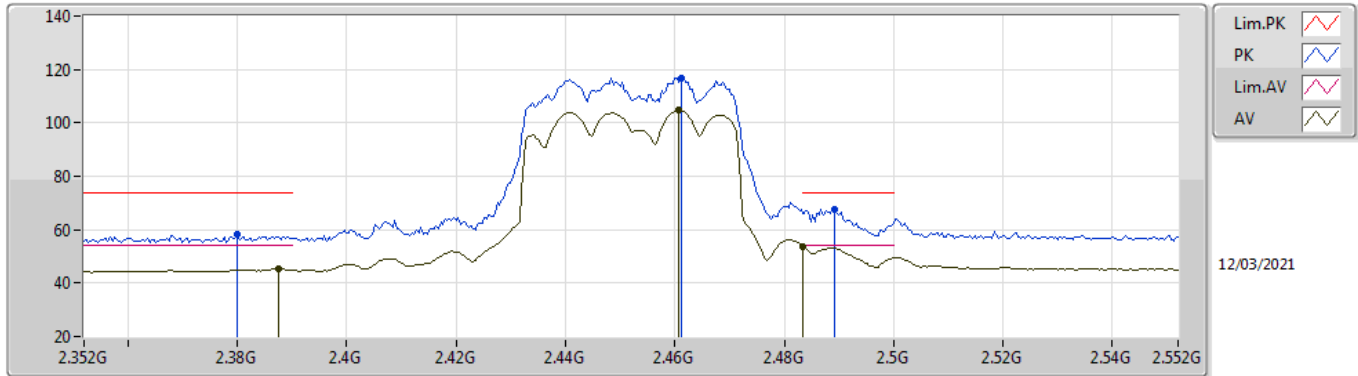
2447MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3762G	44.63	54.00	-9.37	31.56	3	Horizontal	92	2.01	-	13.07	27.70	3.86	-
AV	2.4354G	99.62	Inf	-Inf	31.55	3	Horizontal	92	2.01	-	68.07	27.60	3.95	-
AV	2.4862G	48.03	54.00	-5.97	31.63	3	Horizontal	92	2.01	-	16.40	27.60	4.03	-
PK	2.3558G	58.03	74.00	-15.97	31.61	3	Horizontal	92	2.01	-	26.42	27.78	3.83	-
PK	2.4366G	112.01	Inf	-Inf	31.55	3	Horizontal	92	2.01	-	80.46	27.60	3.95	-
PK	2.4858G	61.12	74.00	-12.88	31.63	3	Horizontal	92	2.01	-	29.49	27.60	4.03	-

802.11ax HEW40_Nss1,(MCS0)_4TX

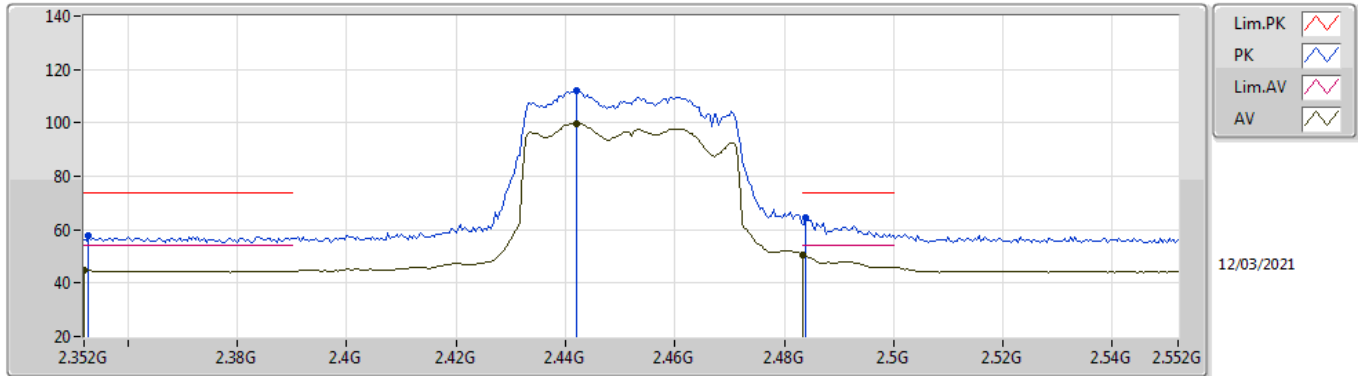
2452MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3876G	45.44	54.00	-8.56	31.53	3	Vertical	277	2.38	-	13.91	27.65	3.88	-
AV	2.4608G	104.64	Inf	-Inf	31.59	3	Vertical	277	2.38	-	73.05	27.60	3.99	-
AV	2.4835G	53.53	54.00	-0.47	31.63	3	Vertical	277	2.38	-	21.90	27.60	4.03	-
PK	2.38G	58.18	74.00	-15.82	31.55	3	Vertical	277	2.38	-	26.63	27.68	3.87	-
PK	2.4612G	116.89	Inf	-Inf	31.59	3	Vertical	277	2.38	-	85.30	27.60	3.99	-
PK	2.4892G	67.73	74.00	-6.27	31.63	3	Vertical	277	2.38	-	36.10	27.60	4.03	-

802.11ax HEW40_Nss1,(MCS0)_4TX

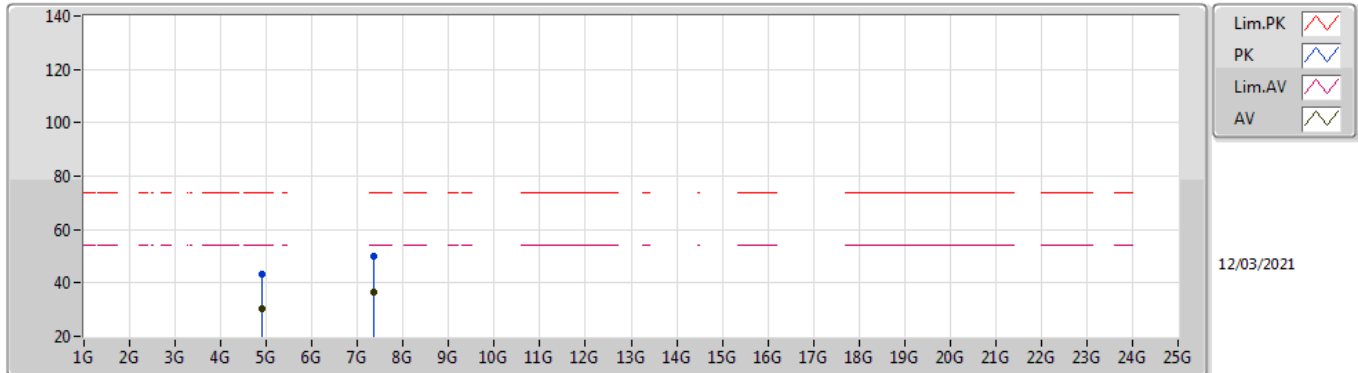
2452MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.352G	44.66	54.00	-9.34	31.62	3	Horizontal	81	1.83	-	13.04	27.79	3.83	-
AV	2.442G	99.89	Inf	-Inf	31.56	3	Horizontal	81	1.83	-	68.33	27.60	3.96	-
AV	2.4835G	50.56	54.00	-3.44	31.63	3	Horizontal	81	1.83	-	18.93	27.60	4.03	-
PK	2.3528G	57.59	74.00	-16.41	31.62	3	Horizontal	81	1.83	-	25.97	27.79	3.83	-
PK	2.442G	111.94	Inf	-Inf	31.56	3	Horizontal	81	1.83	-	80.38	27.60	3.96	-
PK	2.484G	64.55	74.00	-9.45	31.63	3	Horizontal	81	1.83	-	32.92	27.60	4.03	-

802.11ax HEW40_Nss1,(MCS0)_4TX

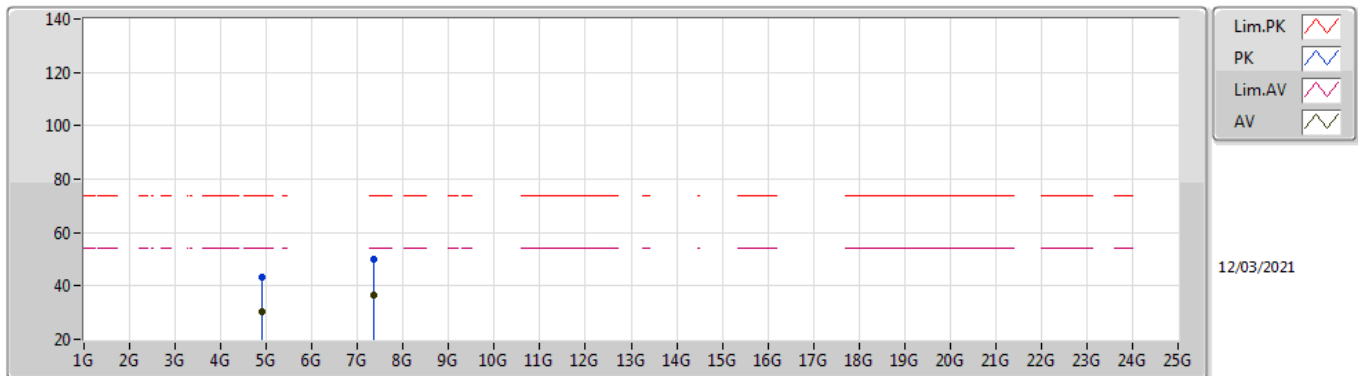
2452MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.8944G	30.31	54.00	-23.69	1.63	3	Vertical	243	2.08	-	28.68	31.21	5.35	34.93
AV	7.34514G	36.40	54.00	-17.60	8.13	3	Vertical	51	1.86	-	28.27	36.51	6.80	35.18
PK	4.8959G	43.41	74.00	-30.59	1.63	3	Vertical	243	2.08	-	41.78	31.21	5.35	34.93
PK	7.34646G	49.78	74.00	-24.22	8.13	3	Vertical	51	1.86	-	41.65	36.51	6.80	35.18

802.11ax HEW40_Nss1,(MCS0)_4TX

2452MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.90334G	30.28	54.00	-23.72	1.63	3	Horizontal	224	1.12	-	28.65	31.21	5.35	34.93
AV	7.34544G	36.40	54.00	-17.60	8.13	3	Horizontal	299	1.86	-	28.27	36.51	6.80	35.18
PK	4.89482G	43.49	74.00	-30.51	1.63	3	Horizontal	224	1.12	-	41.86	31.21	5.35	34.93
PK	7.35858G	49.94	74.00	-24.06	8.10	3	Horizontal	299	1.86	-	41.84	36.48	6.80	35.18



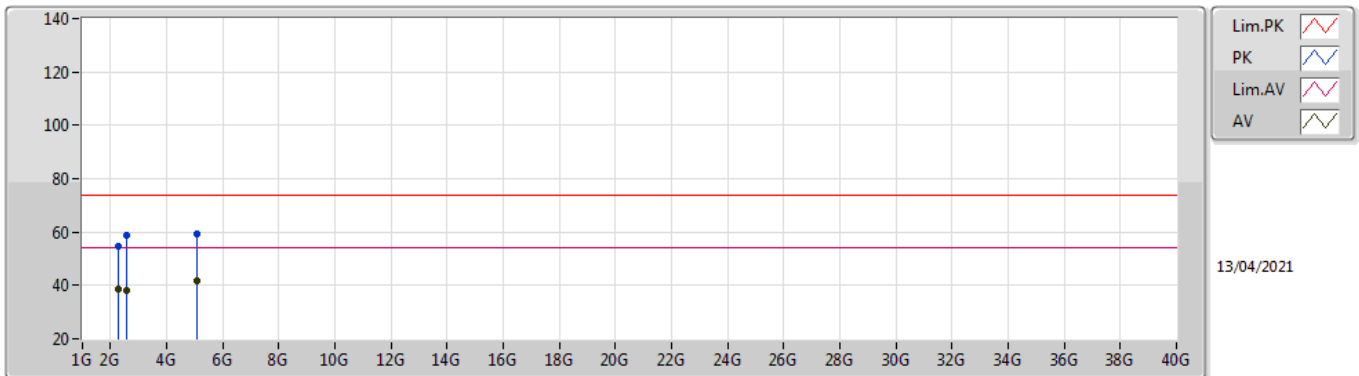
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	AV	5.08G	41.62	54.00	-12.38	Vertical

Mode Configure

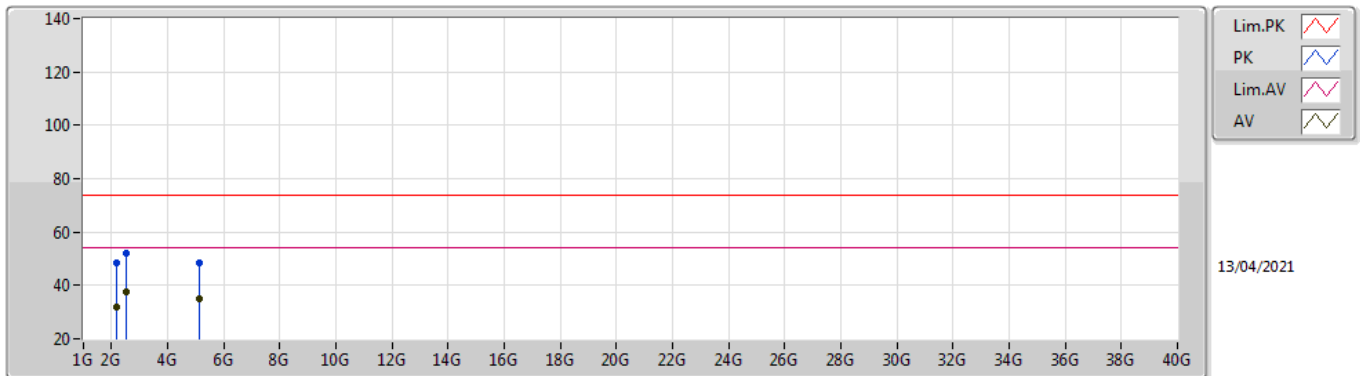
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
Mode 1	Pass	AV	2.284G	38.72	54.00	-15.28	-3.12	3	Vertical	182	1.50	-
Mode 1	Pass	AV	2.56G	38.28	54.00	-15.72	-3.27	3	Vertical	360	1.99	-
Mode 1	Pass	AV	5.08G	41.62	54.00	-12.38	2.43	3	Vertical	24	3.00	-
Mode 1	Pass	PK	2.284G	54.51	74.00	-19.49	-3.12	3	Vertical	182	1.50	-
Mode 1	Pass	PK	2.56G	58.60	74.00	-15.40	-3.27	3	Vertical	360	1.99	-
Mode 1	Pass	PK	5.08G	59.38	74.00	-14.62	2.43	3	Vertical	24	3.00	-
Mode 1	Pass	AV	2.164G	31.65	54.00	-22.35	-3.42	3	Horizontal	263	1.50	-
Mode 1	Pass	AV	2.524G	37.53	54.00	-16.47	-3.29	3	Horizontal	80	1.50	-
Mode 1	Pass	AV	5.116G	34.90	54.00	-19.10	2.54	3	Horizontal	249	2.64	-
Mode 1	Pass	PK	2.164G	48.22	74.00	-25.78	-3.42	3	Horizontal	263	1.50	-
Mode 1	Pass	PK	2.524G	52.05	74.00	-21.95	-3.29	3	Horizontal	80	1.50	-
Mode 1	Pass	PK	5.116G	48.28	74.00	-25.72	2.54	3	Horizontal	249	2.64	-

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	2.284G	38.72	54.00	-15.28	-3.12	3	Vertical	182	1.50	-	41.84	27.96	3.73	34.81
AV	2.56G	38.28	54.00	-15.72	-3.27	3	Vertical	360	1.99	-	41.55	27.52	4.14	34.93
AV	5.08G	41.62	54.00	-12.38	2.43	3	Vertical	24	3.00	-	39.19	31.92	5.44	34.93
PK	2.284G	54.51	74.00	-19.49	-3.12	3	Vertical	182	1.50	-	57.63	27.96	3.73	34.81
PK	2.56G	58.60	74.00	-15.40	-3.27	3	Vertical	360	1.99	-	61.87	27.52	4.14	34.93
PK	5.08G	59.38	74.00	-14.62	2.43	3	Vertical	24	3.00	-	56.95	31.92	5.44	34.93

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	2.164G	31.65	54.00	-22.35	-3.42	3	Horizontal	263	1.50	-	35.07	27.77	3.56	34.75
AV	2.524G	37.53	54.00	-16.47	-3.29	3	Horizontal	80	1.50	-	40.82	27.55	4.09	34.93
AV	5.116G	34.90	54.00	-19.10	2.54	3	Horizontal	249	2.64	-	32.36	32.00	5.46	34.92
PK	2.164G	48.22	74.00	-25.78	-3.42	3	Horizontal	263	1.50	-	51.64	27.77	3.56	34.75
PK	2.524G	52.05	74.00	-21.95	-3.29	3	Horizontal	80	1.50	-	55.34	27.55	4.09	34.93
PK	5.116G	48.28	74.00	-25.72	2.54	3	Horizontal	249	2.64	-	45.74	32.00	5.46	34.92