



FCC Radio Test Report

FCC ID : UIDTG3442P3
Equipment : Telephone Gateway
Brand Name : ARRIS
Model Name : TG3442
Applicant : ARRIS
3871 Lakefield Drive, Suite 300,
Suwanee, GA 30024
Manufacturer : ARRIS
3871 Lakefield Drive, Suite 300,
Suwanee, GA 30024
Standard : 47 CFR FCC Part 15.247

The product was received on Jun. 27, 2022, and testing was started from Jun. 29, 2022 and completed on Jul. 13, 2022. We, SPORTON INTERNATIONAL INC. Hsinhua Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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

Approved by: Jackson Tsai

SPORTON INTERNATIONAL INC. Hsinhua Laboratory

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



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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:
None

Reviewed by: Ryan Hsiao

Report Producer: Ann Hou



1 General Description

1.1 Information

1.1.1 RF General Information

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

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	802.11b	20	3TX
2.4-2.4835GHz	802.11g	20	3TX
2.4-2.4835GHz	802.11n HT20	20	3TX
2.4-2.4835GHz	802.11n HT40	40	3TX

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.
- ♦ BWch is the nominal channel bandwidth.



1.1.2 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Connector
1	Galtronics	02036142-06325A1	PIFA	mini-muruta
2	Galtronics	02036142-06325B1	PIFA	mini-muruta
3	Galtronics	02036142-06325B2	PIFA	mini-muruta
4	Galtronics	02036142-06325A2	PIFA	mini-muruta

Ant.	Port	Gain (dBi)				
		2.4G	UNII-1	UNII-2A	UNII-2C	UNII-3
1	1	2.43	2.42	2.61	2.44	2.59
2	2	2.35	2.78	2.86	2.17	2.01
3	3	2.22	2.13	2.53	2.42	2.02
4	4	-	2.61	2.41	2.78	2.51

Composite Gain (dBi)					
	2.4G	UNII-1	UNII-2A	UNII-2C	UNII-3
DG (1SS)	4.49	4.92	4.78	3.88	4.53
DG (2SS)	2.43	2.78	2.86	2.78	2.59
DG (4SS)	-	2.78	2.86	2.78	2.59

Note 1: The EUT has four antennas.

Note 2: EUT can match with above antennas for using. Higher gain in each antenna was used to perform the worst configuration and result of that was recorded as the final test result.

For 2.4GHz function:

For IEEE 802.11 b mode (1TX/1RX)

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

For IEEE 802.11 b/g/n mode (3TX/3RX)

Ant. 1 (port 1), Ant. 2 (port 2) and Ant. 3 (port 3) could transmit/receive simultaneously.

For 5GHz function:

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

Ant. 1 (port 1), Ant. 2 (port 2), Ant. 3 (port 3) and Ant. 4 (port 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 type="checkbox"/> With beamforming	<input checked="" 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

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11b_Nss1,(1Mbps)_3TX	0.927	0.33	8.419m	300
802.11g_Nss1,(6Mbps)_3TX	0.656	1.83	1.398m	1k
802.11n HT20_Nss1,(MCS0)_3TX	0.643	1.92	1.31m	1k
802.11n HT40_Nss1,(MCS0)_3TX	0.725	1.4	649.375u	3k

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	Wayne	22.6~22.9°C / 54~56%	07/Jul/2022
RF Conducted	TH07-HY	Yuna	23.8~25.6°C / 60~67%	06/Jul/2022~07/Jul/2022
Radiated	03CH03-HY	Edward	23.5~24.2°C / 50~60%	29/Jun/2022~11/Jul/2022
Radiated (Co-location)	03CH03-HY	Edward	22.1~23.5°C / 50~60%	13/Jul/2022
<input type="checkbox"/>	Wen 33rd.St. (TAF: 3785)	ADD: No.14-1, Ln. 19, Wen 33rd St., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.)		
		TEL: 886-3-318-0787	FAX: 886-3-318-0287	
Test site Designation No. TW0008 with FCC.				

1.4 Measurement Uncertainty

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

Test Items	Uncertainty	Remark
AC Power-line Conducted Emissions	4.53 dB	Confidence levels of 95%
Bandwidth	3 MHz	Confidence levels of 95%
Maximum Conducted Output Power	2 dB	Confidence levels of 95%
Power Spectral Density	2 dB	Confidence levels of 95%
Emissions in Non-restricted Frequency Bands	0.14 dB	Confidence levels of 95%
Emissions in Restricted Frequency Bands	4.8 dB	Confidence levels of 95%
Temperature	0.41 °C	Confidence levels of 95%
Humidity	3.4 %	Confidence levels of 95%



2 Test Configuration of EUT


2.1 Test Channel Mode

Test Software Version	PuTTY Release0.72
Mode	Power Setting
802.11b_Nss1,(1Mbps)_1TX(Port1)	-
2412MHz	31
2417MHz	31
2437MHz	41
2457MHz	30
2462MHz	29
802.11b_Nss1,(1Mbps)_3TX	-
2412MHz	28 27 26 0
2417MHz	28 27 26 0
2437MHz	40 40 38 0
2457MHz	28 28 26 0
2462MHz	27 27 25 0
802.11g_Nss1,(6Mbps)_3TX	-
2412MHz	28 28 26 0
2417MHz	31 31 29 0
2437MHz	40 40 38 0
2457MHz	29 29 27 0
2462MHz	26 26 24 0
802.11n HT20_Nss1,(MCS0)_3TX	-
2412MHz	27 27 25 0
2417MHz	30 30 28 0
2437MHz	40 40 38 0
2457MHz	29 29 27 0
2462MHz	26 26 24 0
802.11n HT40_Nss1,(MCS0)_3TX	-
2422MHz	22 22 20 0
2427MHz	24 24 22 0
2437MHz	28 28 26 0
2447MHz	25 25 23 0
2452MHz	23 23 21 0

2.2 The Worst Case Measurement Configuration

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

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

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

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Test Condition	Radiated measurement
Operating Mode	CTX
1	WLAN 2.4GHz+WLAN 5GHz
Refer to Sporton Test Report No.: FA262504 for Co-location RF Exposure Evaluation and Appendix G for Radiated Emission Co-location.	



2.3 Accessories

Accessories				
AC Adapter	Brand Name	ADP	Model Name	WB-30C12FU
	Power Rating	I/P: 100-240Vac, 0.9A, O/P: 12Vdc, 2.5A		
	Power Cord	1.8 meter, non-shielded cable, w/o ferrite core		
RJ45 Cable	Power Cord	1.5 meter, non-shielded cable		

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

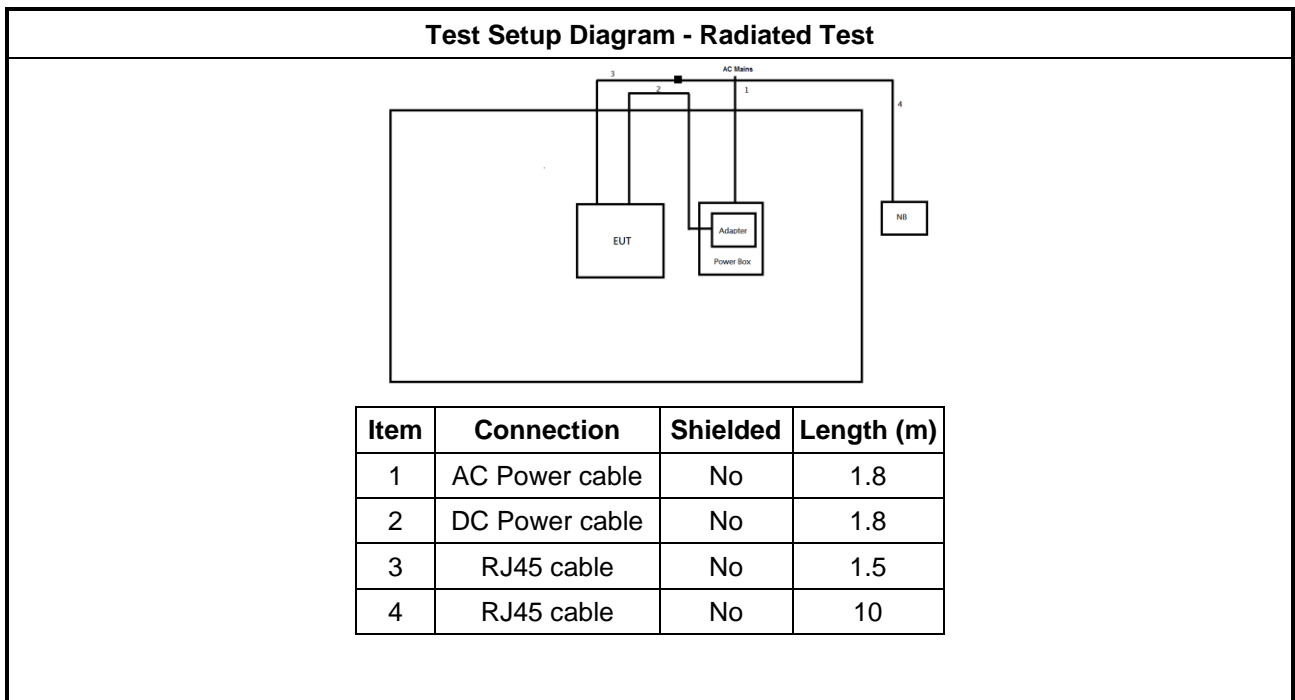
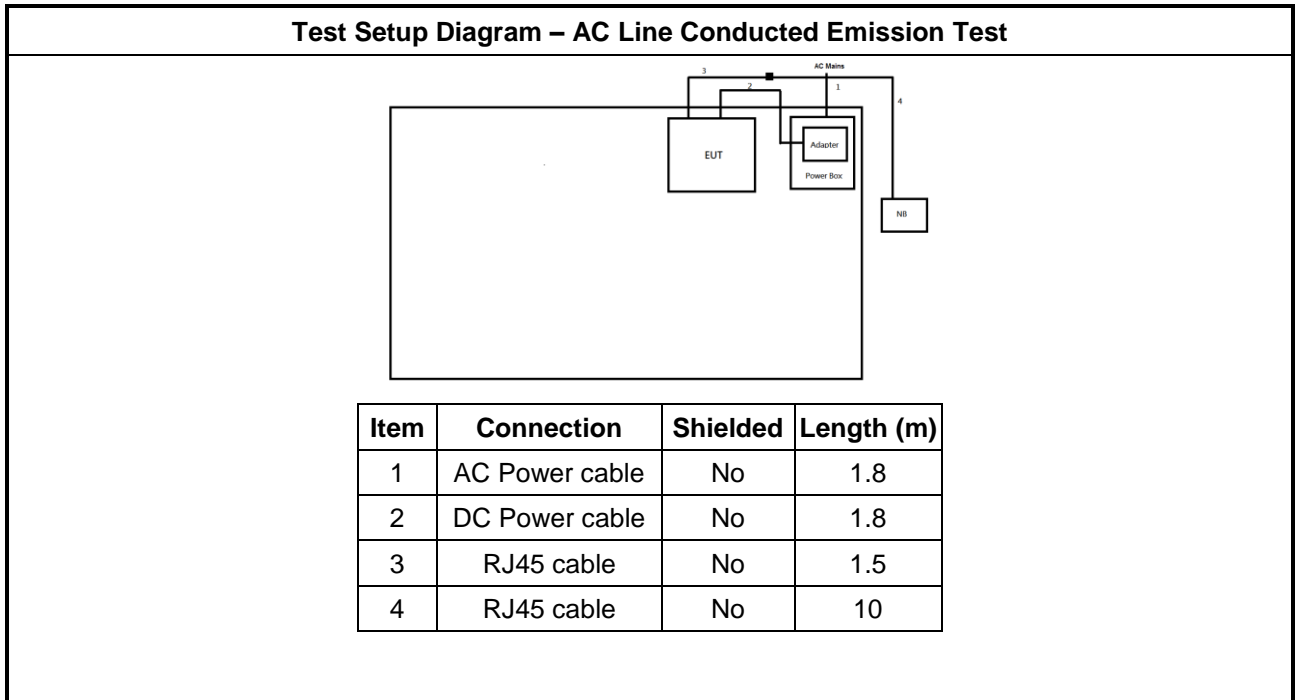
2.4 Support Equipment

Support Equipment – AC Conduction					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	RJ45 Cable	Power Sync	CAT-6E-10	-	Remote
2	Notebook	HP	HSTNN-142C	-	Remote

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	RJ45 Cable	Power Sync	CAT-6E-10	-	Remote
2	Notebook	HP	HSTNN-142C	-	Remote

2.5 Test Setup Diagram





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

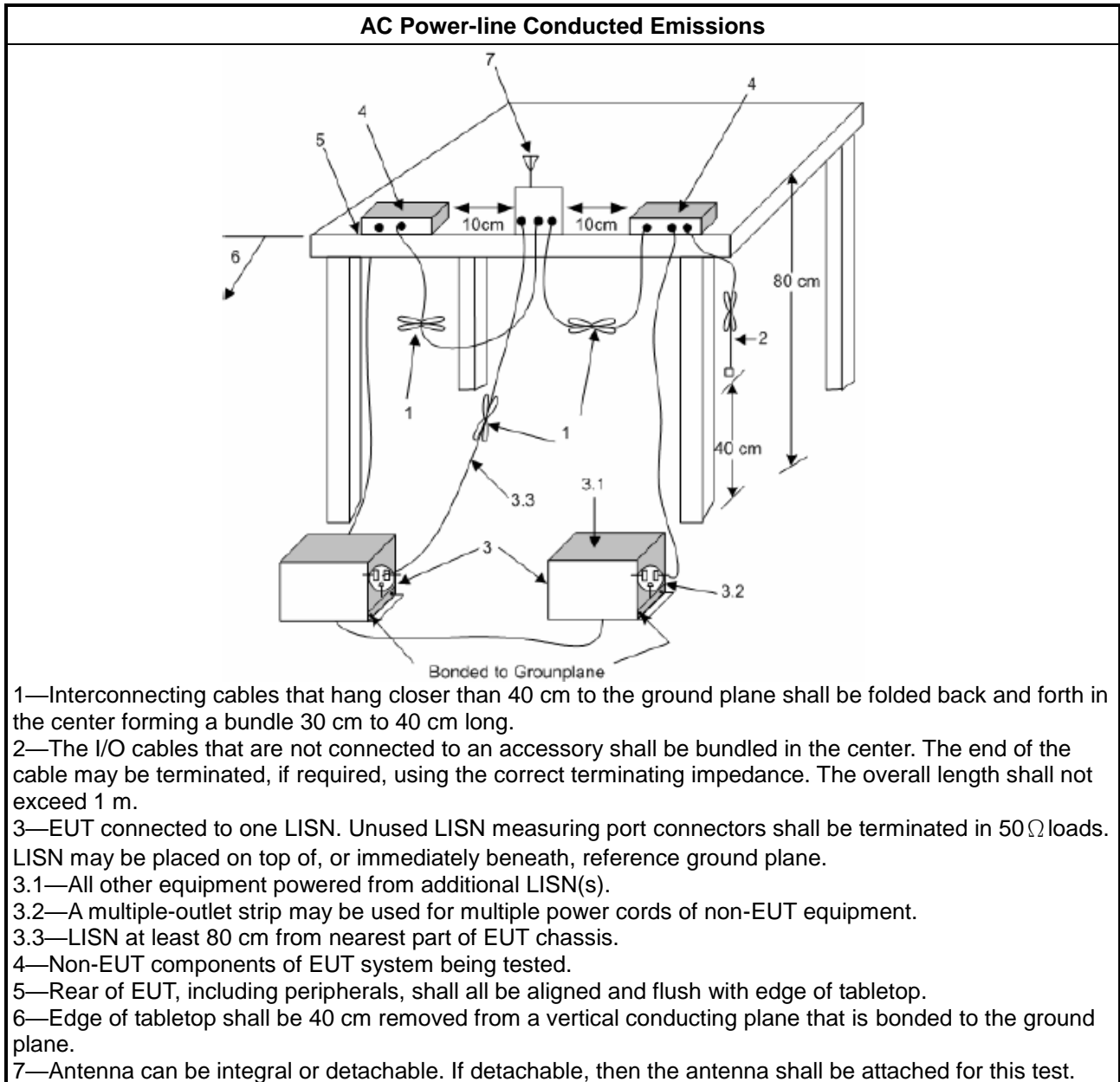
Test Method
<input checked="" type="checkbox"/> Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

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:	
▪	6 dB bandwidth \geq 500 kHz.

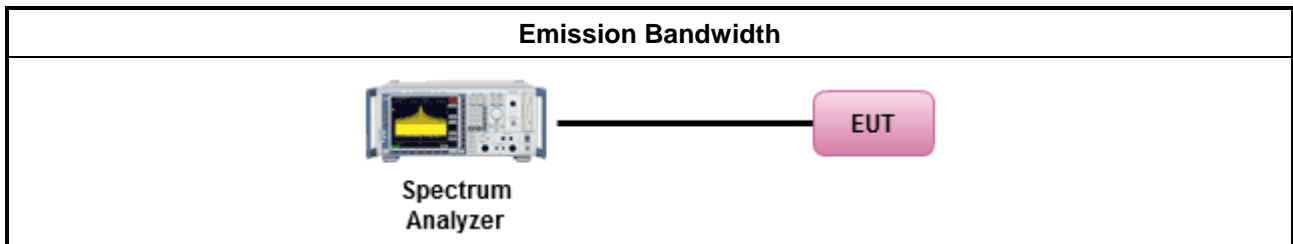
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

Test Method	
▪	For the emission bandwidth shall be measured using one of the options below:
<input checked="" type="checkbox"/>	Refer as KDB 558074. clause 8.2 (11.8 of ANSI C63.10) DTS bandwidth measurement.
<input type="checkbox"/>	Refer as RSS-Gen, clause 6.7 for occupied bandwidth testing.
<input type="checkbox"/>	Refer as ANSI C63.10, clause 6.9.3 for occupied bandwidth testing.

3.2.4 Test Setup



3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

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

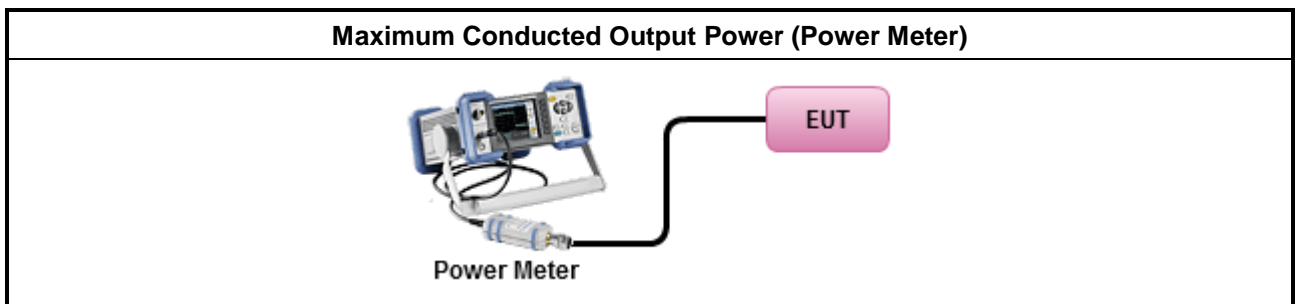
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

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

3.3.4 Test Setup



3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Power Spectral Density

3.4.1 Power Spectral Density Limit

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

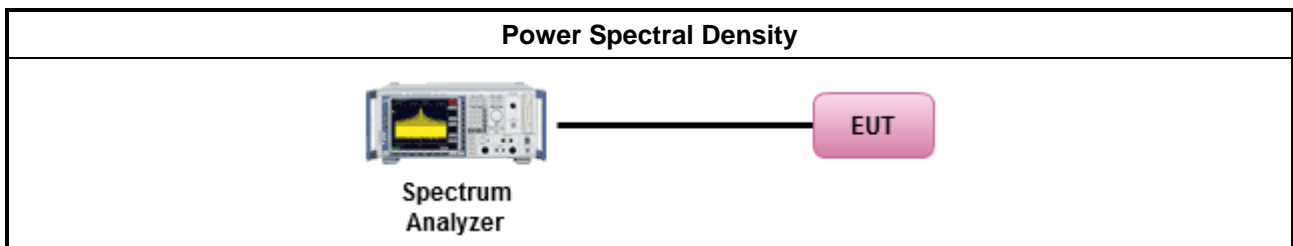
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

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

3.4.4 Test Setup



3.4.5 Test Result of Power Spectral Density

Refer as Appendix D

3.5 Emissions in Non-restricted Frequency Bands

3.5.1 Emissions in Non-restricted Frequency Bands Limit

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

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

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

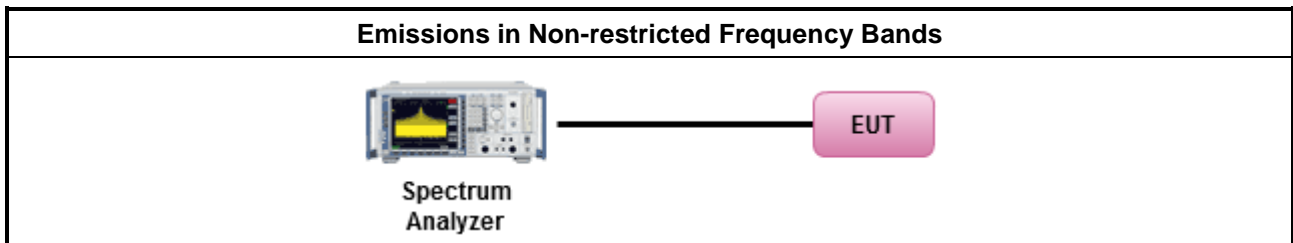
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

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

3.5.4 Test Setup



3.5.5 Test Result of Emissions in Non-restricted Frequency Bands

Refer as Appendix E



3.6 Emissions in Restricted Frequency Bands

3.6.1 Emissions in Restricted Frequency Bands Limit

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

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

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

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

3.6.2 Measuring Instruments

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



3.6.3 Test Procedures

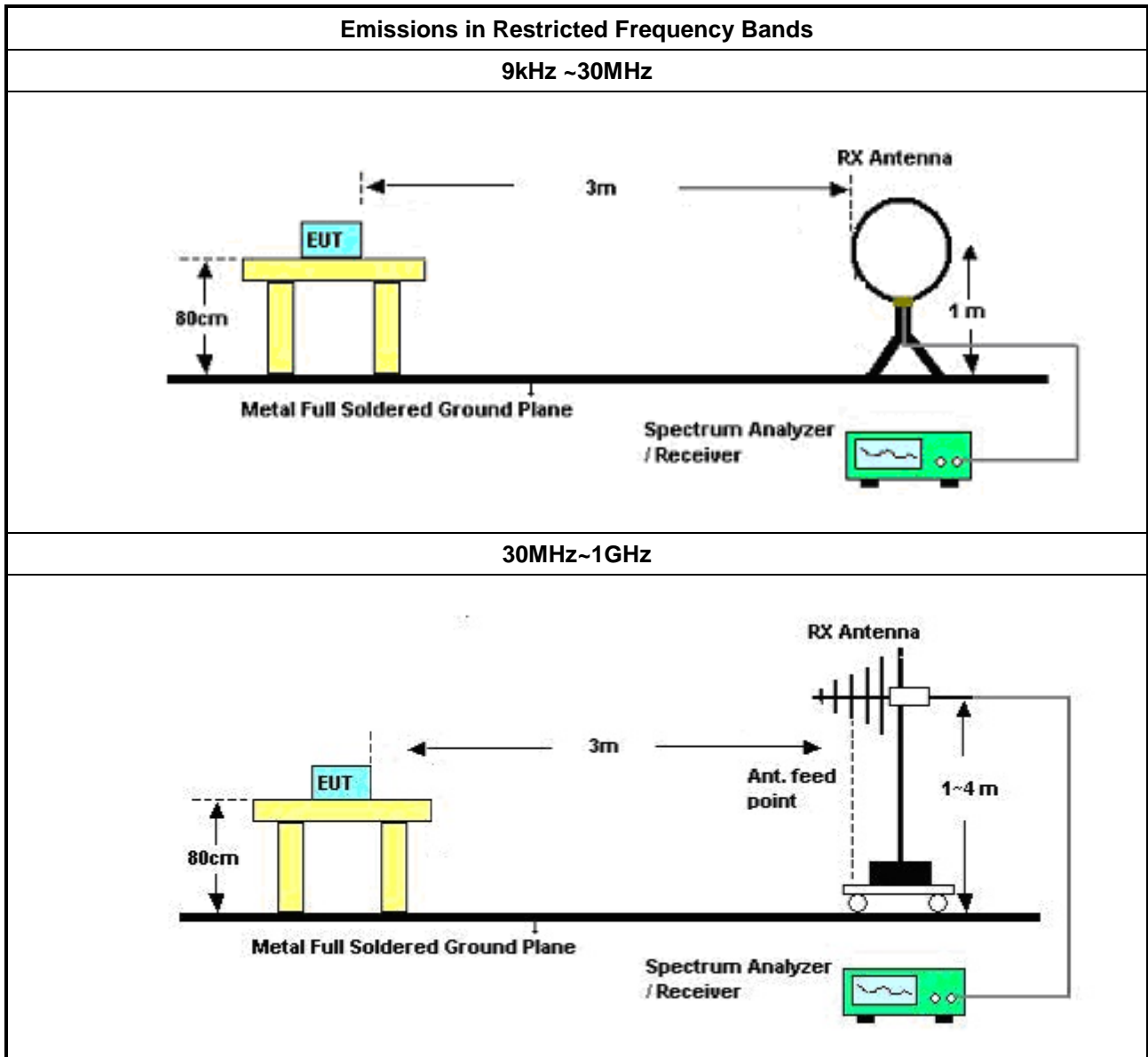
Test Method	
	<ul style="list-style-type: none"> The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor].
	<ul style="list-style-type: none"> Refer as ANSI C63.10, clause 6.10.3 band-edge testing shall be performed at the lowest frequency channel and highest frequency channel within the allowed operating band.
	<ul style="list-style-type: none"> For the transmitter unwanted emissions shall be measured using following options below: <ul style="list-style-type: none"> Refer as KDB 558074, clause 8.6 (11.12 of ANSI C63.10) for restricted frequency bands.
	<ul style="list-style-type: none"> For the transmitter band-edge emissions shall be measured using following options below: <ul style="list-style-type: none"> Refer as KDB 558074 clause 8.7.1, When the performing peak or average radiated measurements, emissions within 2 MHz of the authorized band edge may be measured using the marker-delta method described below. Refer as KDB 558074, clause 8.7.2 (6.10.6 of ANSI C63.10) for marker-delta method for band-edge measurements. 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. 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. Open-field site and chamber correlation testing had been performed and chamber measured test result is the worst case test result.

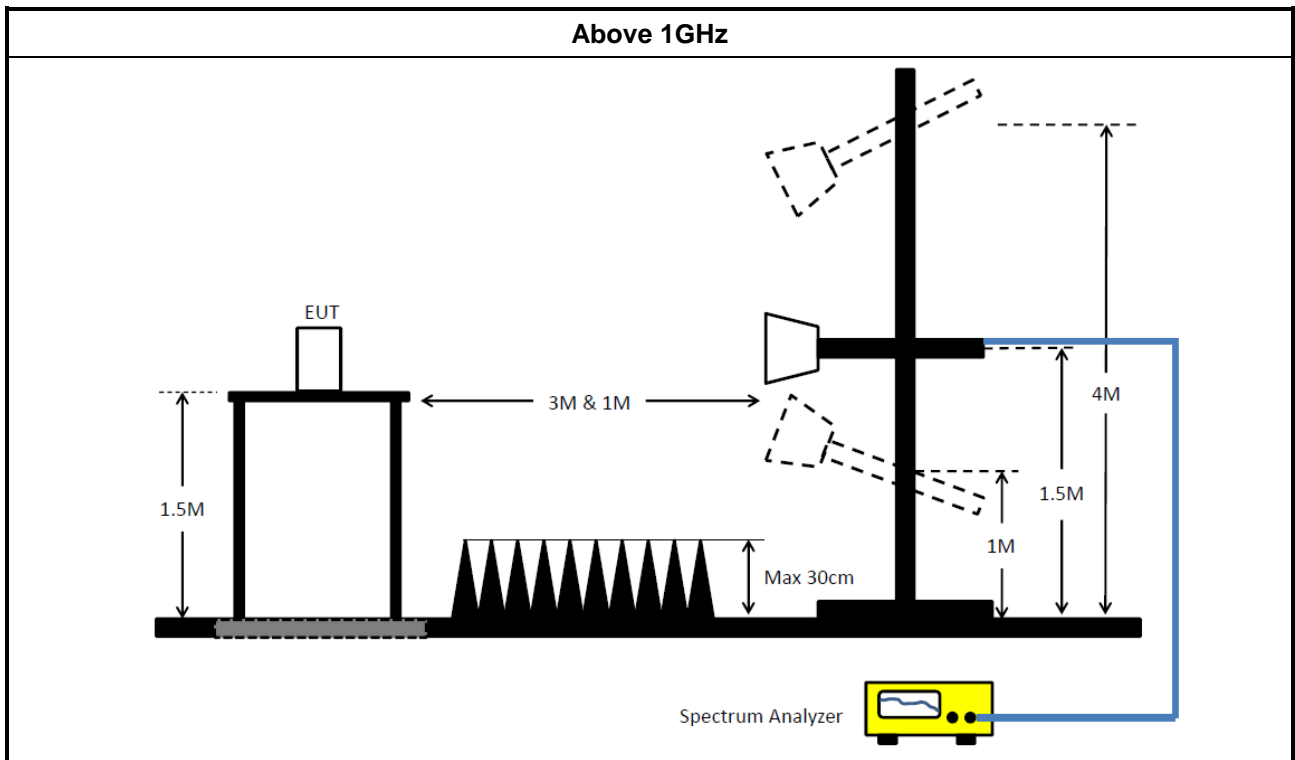
3.6.4 Measurement Results Calculation

The measured Level is calculated using:

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

3.6.5 Test Setup





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

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

3.6.7 Test Result of Emissions in Restricted Frequency Bands

Refer as Appendix F



4 Test Equipment and Calibration Data

Instrument for AC Conduction

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
EMI Test Receiver	R&S	ESR	102051	9kHz ~ 3.6GHz	13/May/2022	12/May/2023
Two-Line V-Network	R&S	ENV 216	100003	9kHz ~ 30MHz	18/Feb/2022	17/Feb/2023
RF Cable 5m	TITAN	TITAN	CO04-cable-01	9 kHz~200MHz	01/Mar/2022	28/Feb/2023
Impuls Begrenzer Pulse Limiter	SCHWARZBECK	VTSD 9561-F	9561-F041	9kHz ~ 30MHz	26/Oct/2021	25/Oct/2022
Software	Sporton	SENSE-EMI	V5.10.14	-	NCR	NCR

NCR: No Calibration Required

Instrument for Conducted Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSV 40	101515	10Hz~40GHz	14/Feb/2022	13/Feb/2023
SMB100A Signal Generator	R&S	SMB100A	181147	100kHz~40GHz	21/Oct/2021	20/Oct/2022
Pulse Sensor	Anritsu	MA2411B	1339407	300MHz~40GHz	17/Dec/2021	16/Dec/2022
Power Meter	Anritsu	ML2495A	1517010	300MHz~40GHz	20/Dec/2021	19/Dec/2022
SENSE-15247_DTS	Sporton	V5.10.8.3	N/A	N/A	N/A	N/A



Instrument for Radiated Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	30MHz~1GHz 3m	03/Aug/2021	02/Aug/2022
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	1GHz~18GHz 3m	03/Aug/2021	02/Aug/2022
Signal Analyzer	R&S	FSV40	101500	10Hz~40GHz	12/Oct/2021	11/Oct/2022
Amplifier	HP	8447D	2944A08033	10kHz~1.3GHz	08/Apr/2022	07/Apr/2023
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02267	1GHz ~18GHz	14/Sep/2021	13/Sep/2022
Bilog Antenna & 6dB Attenuator	SCHAFFNER / EMCI	CBL6112B / N-6-05	22237 / AT-N-0603	30MHz~1GHz	17/Oct/2021	16/Oct/2022
RF Cable-R03m	Jye Bao	RG142	CB021	9kHz~30MHz	13/Jun/2022	12/Jun/2023
RF Cable-R03m	Jye Bao	RG142	MY37335/4+CB021-1+CB021-2	30MHz~1GHz	22/Mar/2022	21/Mar/2023
RF CABLE 5+6m	HUBER+SUHNER	SUOFLEX 104	SN MY38596/4+SN 804300/4	1GHz~40GHz	28/Jul/2021	27/Jul/2022
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	15GHz~40GHz	18/Mar/2022	17/Mar/2023
Microwave Prempplier	EMC INSTRUMENTS	EM18G40G	060604	18GHz ~ 40GHz	08/Mar/2022	07/Mar/2023
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	18/Mar/2022	17/Mar/2023
EMI Test Receiver	R&S	ESR3	102052	9kHz~3.6GHz	13/May/2022	12/May/2023
Microwave Preampplier	Agilent	8449B	3008A02326	1GHz~26.5GHz	15/Jul/2021	14/Jul/2022
SENSE-15247_DTS	Sporton	v5.10.8.3	NA	NA	NA	NA

Instrument for Radiated Test (Co-locaiton)

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	1GHz~18GHz 3m	03/Aug/2021	02/Aug/2022
Signal Analyzer	R&S	FSV40	101500	10Hz~40GHz	12/Oct/2021	11/Oct/2022
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02267	1GHz ~18GHz	14/Sep/2021	13/Sep/2022
RF CABLE 5+6m	HUBER+SUHNER	SUOFLEX 104	SN MY38596/4+SN 804300/4	1GHz~40GHz	28/Jul/2021	27/Jul/2022
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	15GHz~40GHz	18/Mar/2022	17/Mar/2023
Microwave Prempplier	EMC INSTRUMENTS	EM18G40G	060604	18GHz ~ 40GHz	08/Mar/2022	07/Mar/2023
Microwave Preampplier	Agilent	8449B	3008A02326	1GHz~26.5GHz	15/Jul/2021	14/Jul/2022
SENSE-15247_DTS	Sporton	v5.10.8.3	NA	NA	NA	NA



Summary

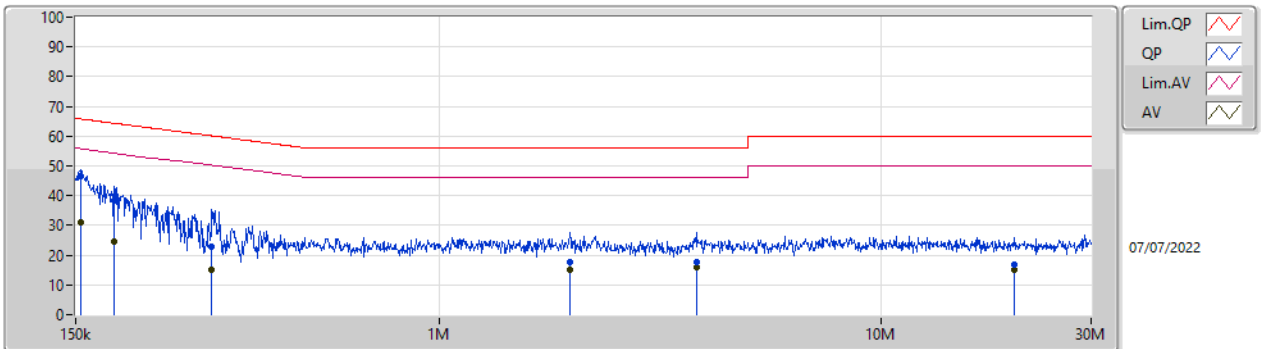
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	153.636k	46.55	65.81	-19.26	Line



Result

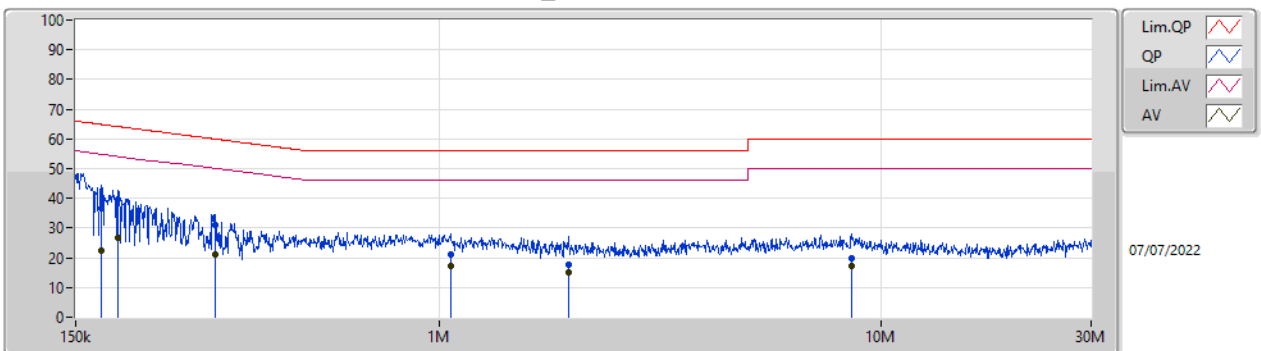
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	153.636k	46.55	65.81	-19.26	Line	-
Mode 1	Pass	AV	153.636k	31.14	55.81	-24.67	Line	-
Mode 1	Pass	QP	183.87k	38.43	64.30	-25.87	Line	-
Mode 1	Pass	AV	183.87k	24.63	54.30	-29.67	Line	-
Mode 1	Pass	QP	305.276k	22.91	60.09	-37.18	Line	-
Mode 1	Pass	AV	305.276k	15.03	50.09	-35.06	Line	-
Mode 1	Pass	QP	1.977M	17.52	56.00	-38.48	Line	-
Mode 1	Pass	AV	1.977M	14.89	46.00	-31.11	Line	-
Mode 1	Pass	QP	3.821M	17.82	56.00	-38.18	Line	-
Mode 1	Pass	AV	3.821M	15.96	46.00	-30.04	Line	-
Mode 1	Pass	QP	20.027M	16.82	60.00	-43.18	Line	-
Mode 1	Pass	AV	20.027M	15.04	50.00	-34.96	Line	-
Mode 1	Pass	QP	171.806k	36.68	64.87	-28.19	Neutral	-
Mode 1	Pass	AV	171.806k	22.58	54.87	-32.29	Neutral	-
Mode 1	Pass	QP	187.577k	39.73	64.15	-24.42	Neutral	-
Mode 1	Pass	AV	187.577k	26.85	54.15	-27.30	Neutral	-
Mode 1	Pass	QP	311.43k	30.99	59.94	-28.95	Neutral	-
Mode 1	Pass	AV	311.43k	21.12	49.94	-28.82	Neutral	-
Mode 1	Pass	QP	1.061M	21.12	56.00	-34.88	Neutral	-
Mode 1	Pass	AV	1.061M	17.16	46.00	-28.84	Neutral	-
Mode 1	Pass	QP	1.962M	17.72	56.00	-38.28	Neutral	-
Mode 1	Pass	AV	1.962M	15.05	46.00	-30.95	Neutral	-
Mode 1	Pass	QP	8.626M	19.64	60.00	-40.36	Neutral	-
Mode 1	Pass	AV	8.626M	17.36	50.00	-32.64	Neutral	-

Conducted Emissions at Powerline_Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)
QP	153.636k	46.55	65.81	-19.26	19.63	Line	-	26.92	9.69	0.03	9.91
AV	153.636k	31.14	55.81	-24.67	19.63	Line	-	11.51	9.69	0.03	9.91
QP	183.87k	38.43	64.30	-25.87	19.63	Line	-	18.80	9.69	0.03	9.91
AV	183.87k	24.63	54.30	-29.67	19.63	Line	-	5.00	9.69	0.03	9.91
QP	305.276k	22.91	60.09	-37.18	19.63	Line	-	3.28	9.68	0.04	9.91
AV	305.276k	15.03	50.09	-35.06	19.63	Line	-	-4.60	9.68	0.04	9.91
QP	1.977M	17.52	56.00	-38.48	19.70	Line	-	-2.18	9.70	0.08	9.92
AV	1.977M	14.89	46.00	-31.11	19.70	Line	-	-4.81	9.70	0.08	9.92
QP	3.821M	17.82	56.00	-38.18	19.76	Line	-	-1.94	9.71	0.13	9.92
AV	3.821M	15.96	46.00	-30.04	19.76	Line	-	-3.80	9.71	0.13	9.92
QP	20.027M	16.82	60.00	-43.18	19.99	Line	-	-3.17	9.79	0.27	9.93
AV	20.027M	15.04	50.00	-34.96	19.99	Line	-	-4.95	9.79	0.27	9.93

Conducted Emissions at Powerline_Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)
QP	171.806k	36.68	64.87	-28.19	19.67	Neutral	-	17.01	9.73	0.03	9.91
AV	171.806k	22.58	54.87	-32.29	19.67	Neutral	-	2.91	9.73	0.03	9.91
QP	187.577k	39.73	64.15	-24.42	19.66	Neutral	-	20.07	9.72	0.03	9.91
AV	187.577k	26.85	54.15	-27.30	19.66	Neutral	-	7.19	9.72	0.03	9.91
QP	311.43k	30.99	59.94	-28.95	19.67	Neutral	-	11.32	9.72	0.04	9.91
AV	311.43k	21.12	49.94	-28.82	19.67	Neutral	-	1.45	9.72	0.04	9.91
QP	1.061M	21.12	56.00	-34.88	19.70	Neutral	-	1.42	9.73	0.05	9.92
AV	1.061M	17.16	46.00	-28.84	19.70	Neutral	-	-2.54	9.73	0.05	9.92
QP	1.962M	17.72	56.00	-38.28	19.74	Neutral	-	-2.02	9.74	0.08	9.92
AV	1.962M	15.05	46.00	-30.95	19.74	Neutral	-	-4.69	9.74	0.08	9.92
QP	8.626M	19.64	60.00	-40.36	19.97	Neutral	-	-0.33	9.87	0.17	9.93
AV	8.626M	17.36	50.00	-32.64	19.97	Neutral	-	-2.61	9.87	0.17	9.93



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)_1TX(Port1)	13.525M	18.641M	18M7G1D	12.525M	16.342M
802.11b_Nss1,(1Mbps)_3TX	13.525M	18.091M	18M1G1D	12.05M	16.342M
802.11g_Nss1,(6Mbps)_3TX	16.325M	20.74M	20M8D1D	16.05M	16.567M
802.11n HT20_Nss1,(MCS0)_3TX	17.15M	21.139M	21M2D1D	16.3M	17.591M
802.11n HT40_Nss1,(MCS0)_3TX	36.3M	36.532M	36M6D1D	35.45M	36.232M

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)
802.11b_Nss1,(1Mbps)_1TX(Port1)	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	13.525M	16.342M				
2437MHz	Pass	500k	12.525M	18.641M				
2462MHz	Pass	500k	13.525M	16.367M				
802.11b_Nss1,(1Mbps)_3TX	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	13.525M	16.342M	12.575M	16.392M	13.5M	16.392M
2437MHz	Pass	500k	12.05M	17.866M	13M	18.091M	12.525M	17.741M
2462MHz	Pass	500k	13M	16.392M	13.525M	16.367M	13.525M	16.367M
802.11g_Nss1,(6Mbps)_3TX	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	16.3M	16.567M	16.3M	16.567M	16.3M	16.617M
2437MHz	Pass	500k	16.3M	20.465M	16.325M	20.74M	16.05M	18.841M
2462MHz	Pass	500k	16.3M	16.567M	16.325M	16.567M	16.325M	16.642M
802.11n HT20_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	17.05M	17.641M	16.55M	17.591M	16.675M	17.641M
2437MHz	Pass	500k	16.8M	20.165M	16.775M	21.139M	16.3M	19.265M
2462MHz	Pass	500k	16.9M	17.616M	16.95M	17.616M	17.15M	17.641M
802.11n HT40_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-
2422MHz	Pass	500k	35.45M	36.332M	35.7M	36.232M	35.7M	36.432M
2437MHz	Pass	500k	35.85M	36.432M	35.55M	36.332M	35.45M	36.382M
2452MHz	Pass	500k	35.8M	36.482M	36.3M	36.332M	36.05M	36.532M

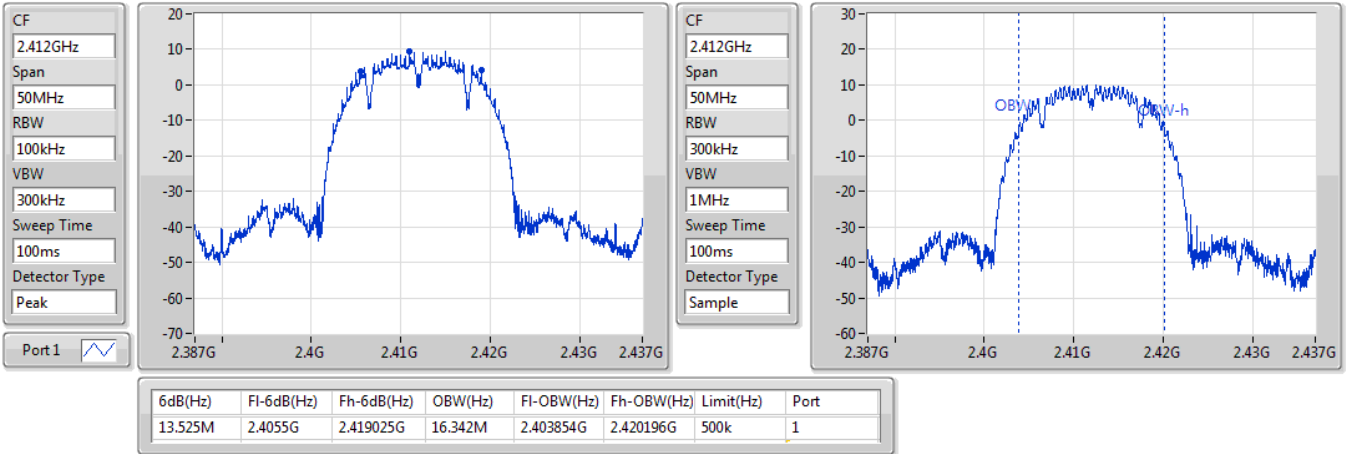
Port X-N dB = Port X 6dB down bandwidth;
 Port X-OBW = Port X 99% occupied bandwidth

802.11b_Nss1,(1Mbps)_1TX(Port1)

EBW

2412MHz

06/07/2022

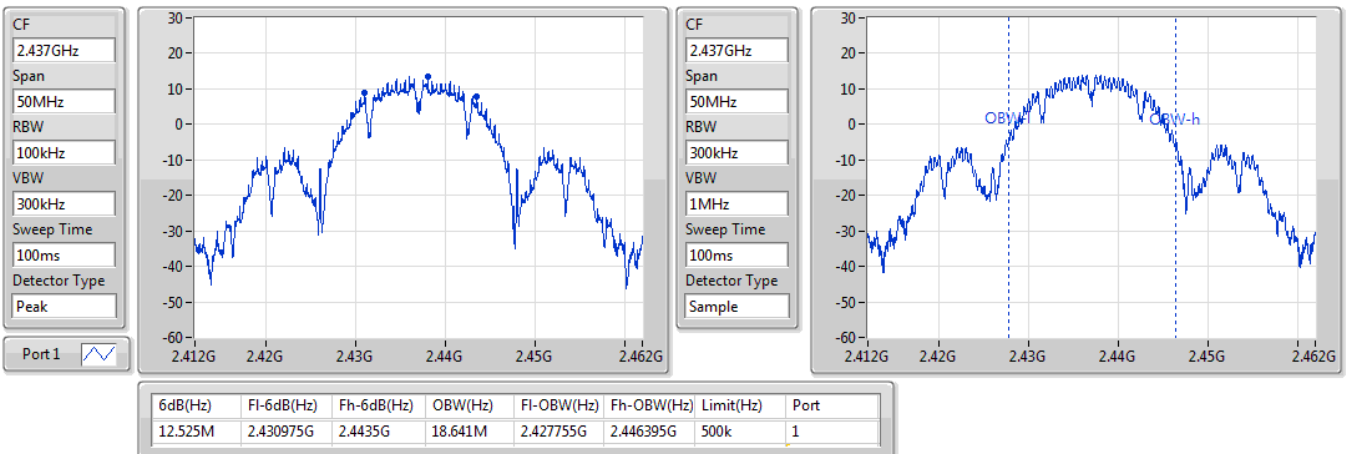


802.11b_Nss1,(1Mbps)_1TX(Port1)

EBW

2437MHz

06/07/2022

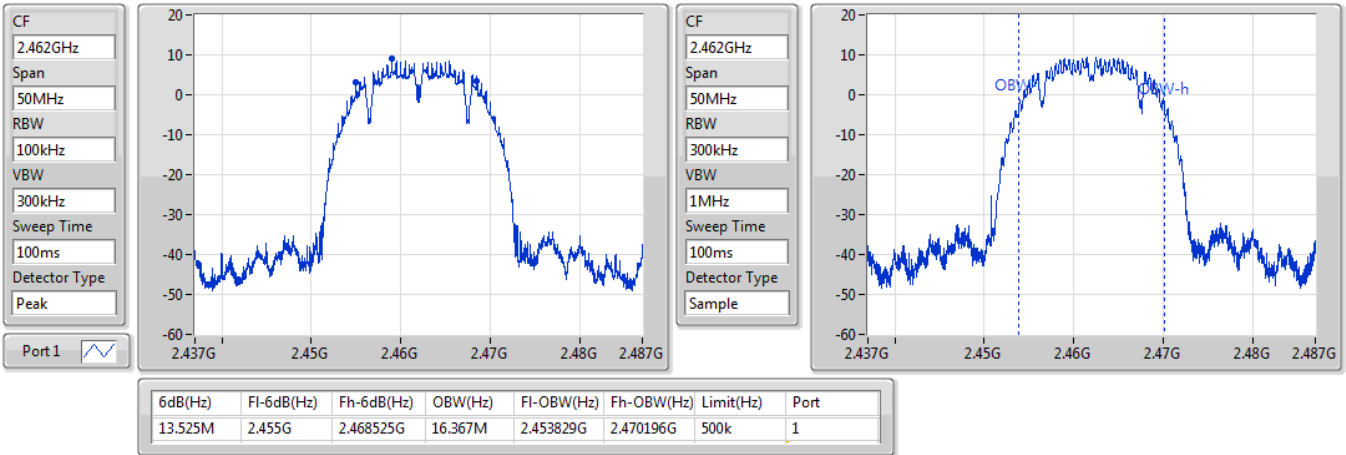


802.11b_Nss1,(1Mbps)_1TX(Port1)

EBW

2462MHz

06/07/2022

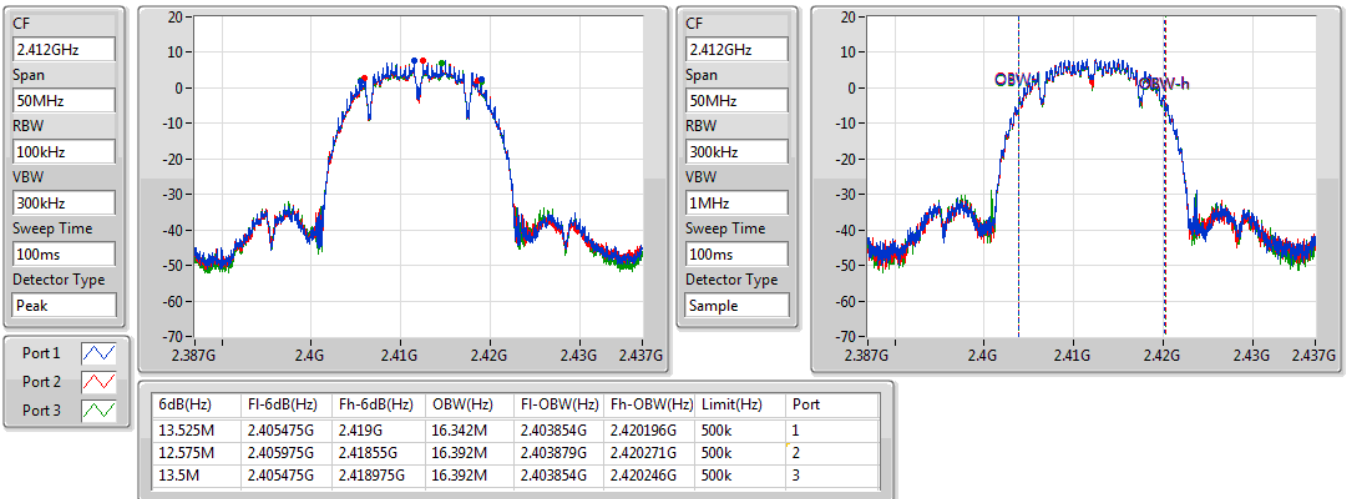


802.11b_Nss1,(1Mbps)_3TX

EBW

2412MHz

06/07/2022

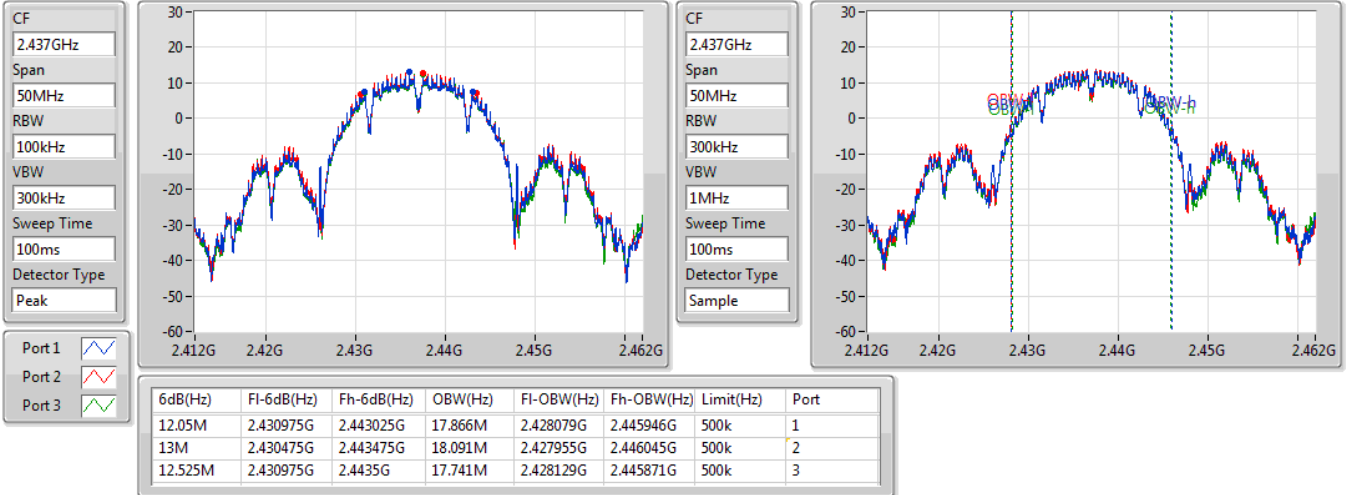


802.11b_Nss1,(1Mbps)_3TX

EBW

2437MHz

06/07/2022

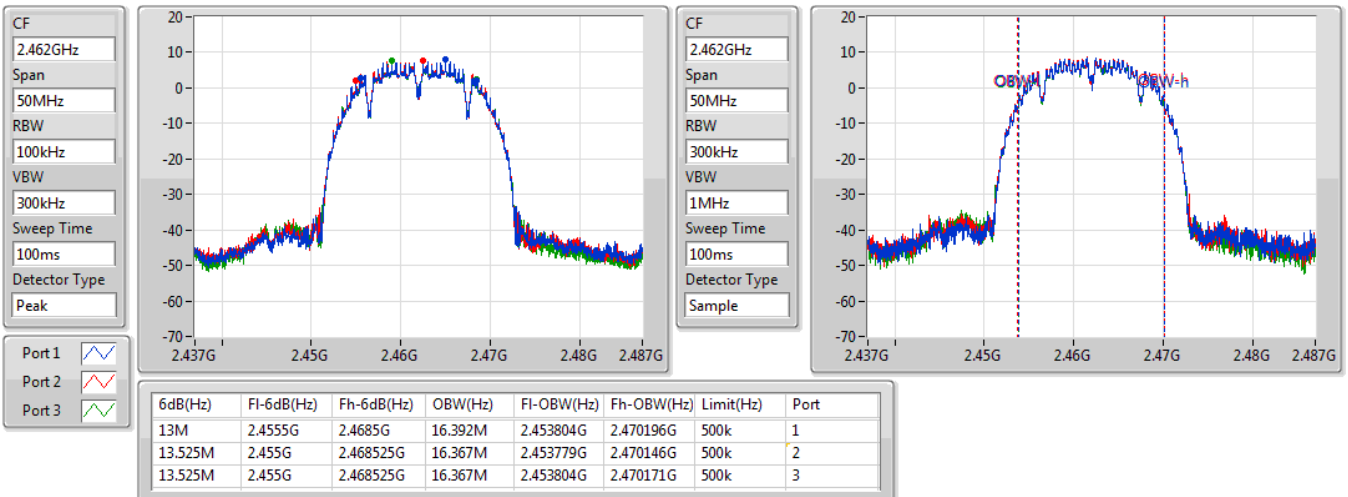


802.11b_Nss1,(1Mbps)_3TX

EBW

2462MHz

06/07/2022



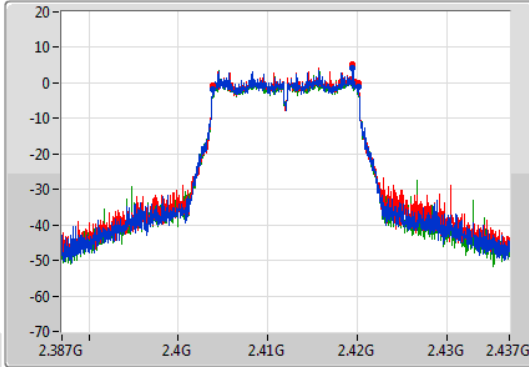
802.11g_Nss1,(6Mbps)_3TX

EBW

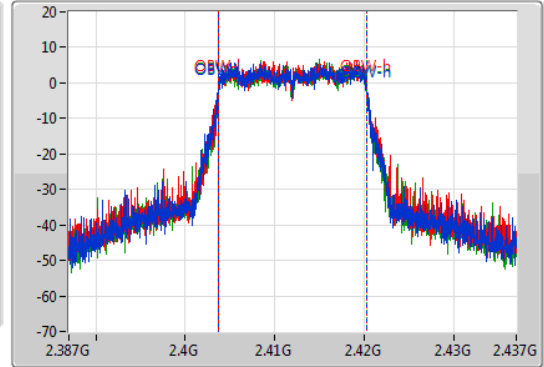
2412MHz

06/07/2022

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
16.3M	2.40385G	2.42015G	16.567M	2.403704G	2.420271G	500k	1
16.3M	2.40385G	2.42015G	16.567M	2.403729G	2.420296G	500k	2
16.3M	2.40385G	2.42015G	16.617M	2.403729G	2.420346G	500k	3

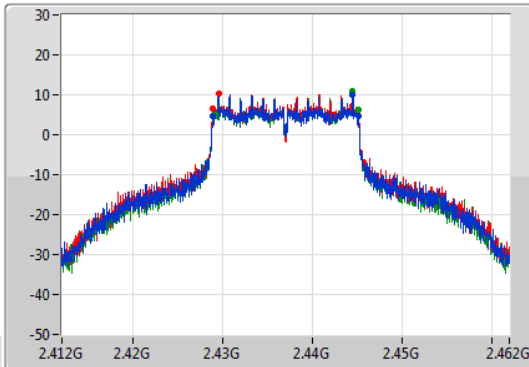
802.11g_Nss1,(6Mbps)_3TX

EBW

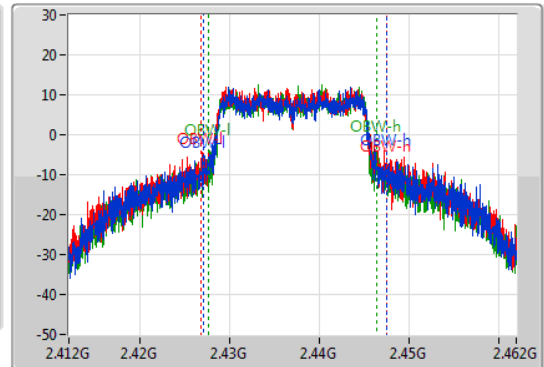
2437MHz

06/07/2022

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



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



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.3M	2.42885G	2.44515G	20.465M	2.42703G	2.447495G	500k	1
16.325M	2.42885G	2.445175G	20.74M	2.42683G	2.44757G	500k	2
16.05M	2.429075G	2.445125G	18.841M	2.427605G	2.446445G	500k	3

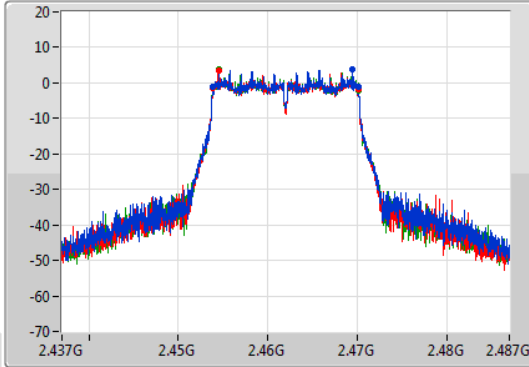
802.11g_Nss1,(6Mbps)_3TX

EBW

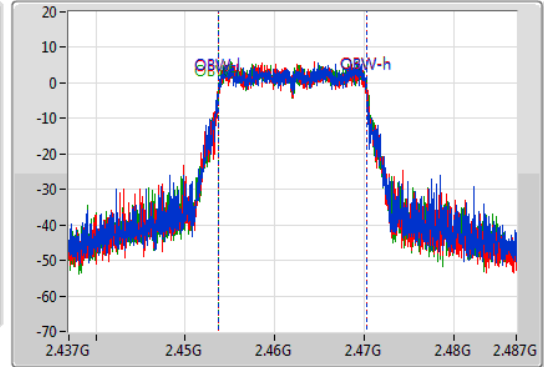
2462MHz

06/07/2022

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



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



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.3M	2.45385G	2.47015G	16.567M	2.453679G	2.470246G	500k	1
16.325M	2.453825G	2.47015G	16.567M	2.453679G	2.470246G	500k	2
16.325M	2.45385G	2.470175G	16.642M	2.453704G	2.470346G	500k	3

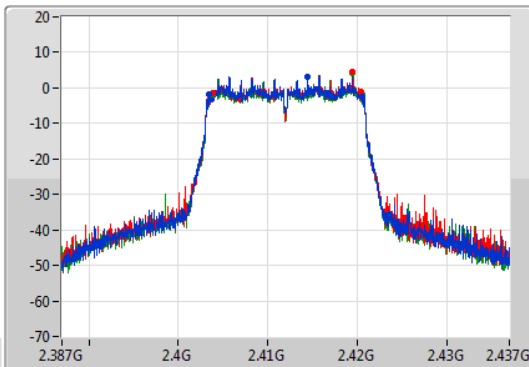
802.11n HT20_Nss1,(MCS0)_3TX

EBW

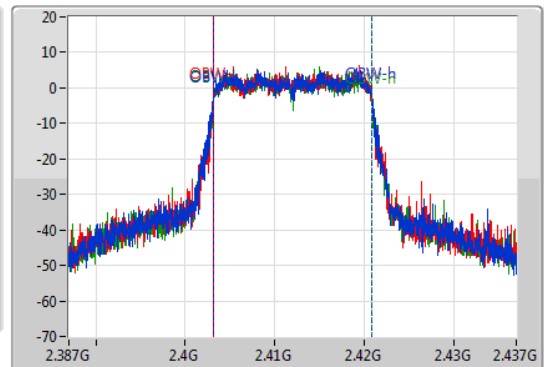
2412MHz

06/07/2022

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
17.05M	2.403475G	2.420525G	17.641M	2.403204G	2.420846G	500k	1
16.55M	2.40385G	2.4204G	17.591M	2.403204G	2.420796G	500k	2
16.675M	2.40385G	2.420525G	17.641M	2.403204G	2.420846G	500k	3

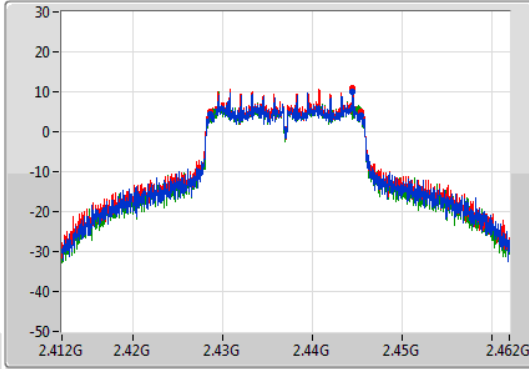
802.11n HT20_Nss1,(MCS0)_3TX

EBW

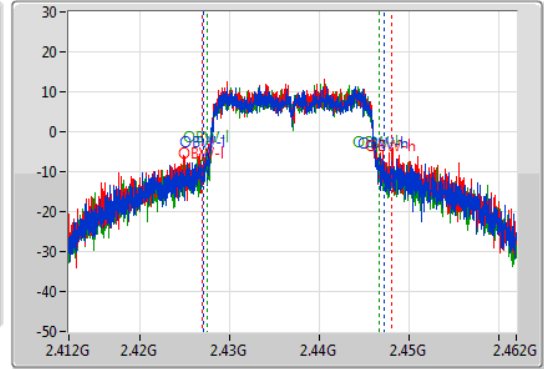
2437MHz

06/07/2022

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



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



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.8M	2.4286G	2.4454G	20.165M	2.42708G	2.447245G	500k	1
16.775M	2.428625G	2.4454G	21.139M	2.426905G	2.448044G	500k	2
16.3M	2.42885G	2.44515G	19.265M	2.42748G	2.446745G	500k	3

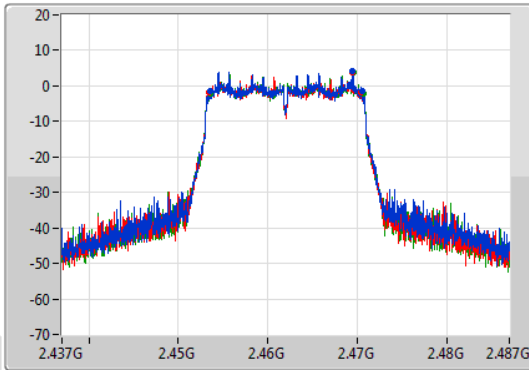
802.11n HT20_Nss1,(MCS0)_3TX

EBW

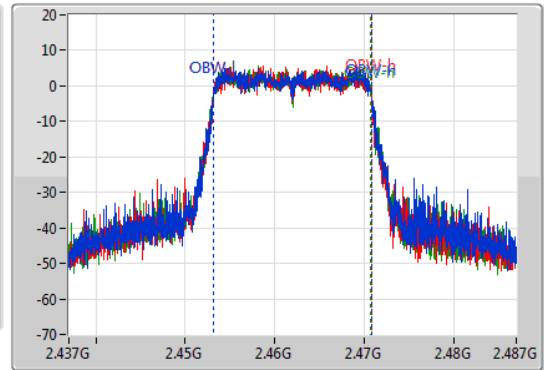
2462MHz

06/07/2022

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



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



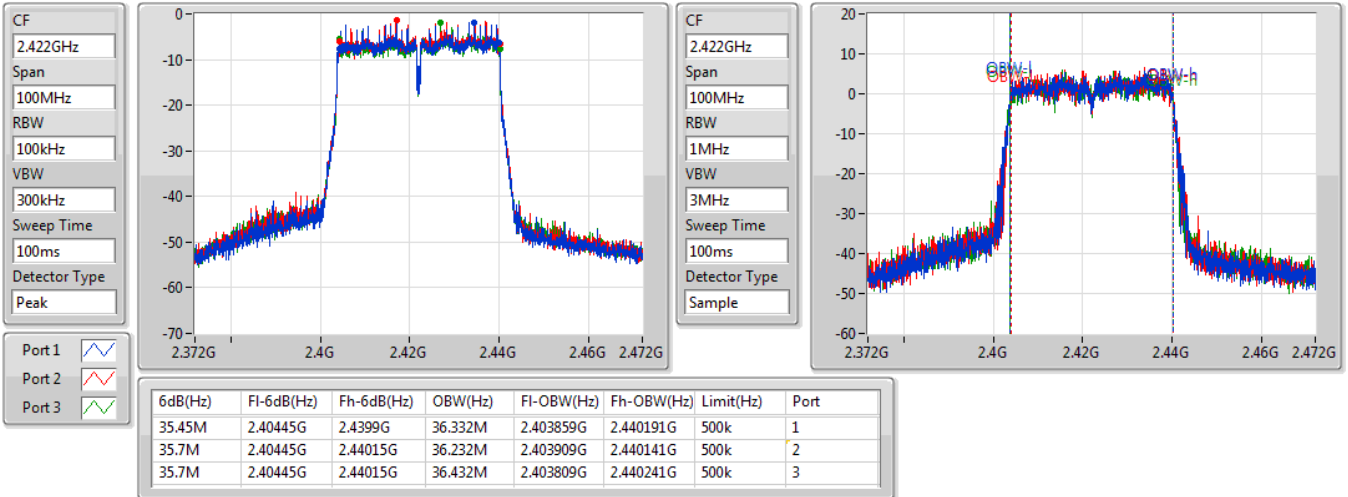
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.9M	2.4536G	2.4705G	17.616M	2.453179G	2.470796G	500k	1
16.95M	2.45345G	2.4704G	17.616M	2.453179G	2.470796G	500k	2
17.15M	2.4536G	2.47075G	17.641M	2.453129G	2.470771G	500k	3

802.11n HT40_Nss1,(MCS0)_3TX

EBW

2422MHz

06/07/2022

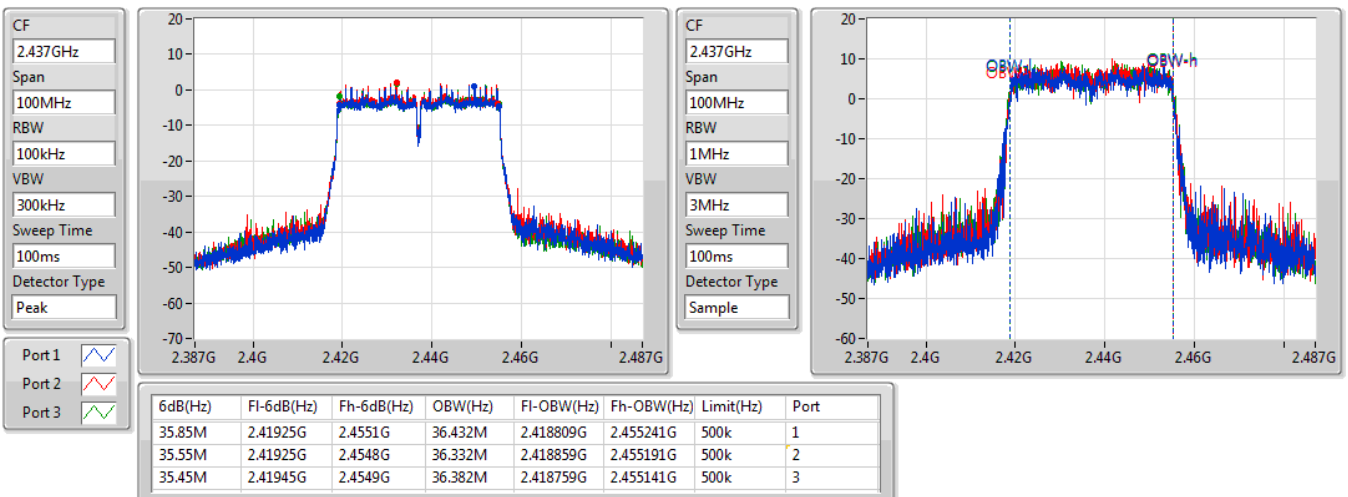


802.11n HT40_Nss1,(MCS0)_3TX

EBW

2437MHz

06/07/2022



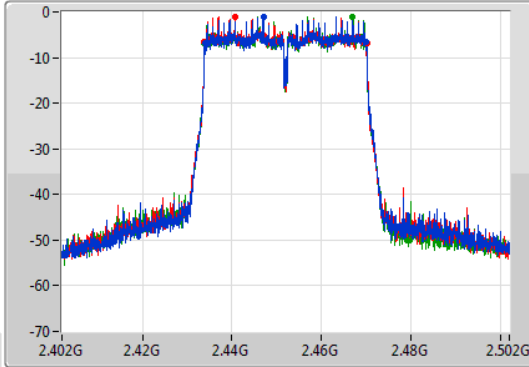
802.11n HT40_Nss1,(MCS0)_3TX

EBW

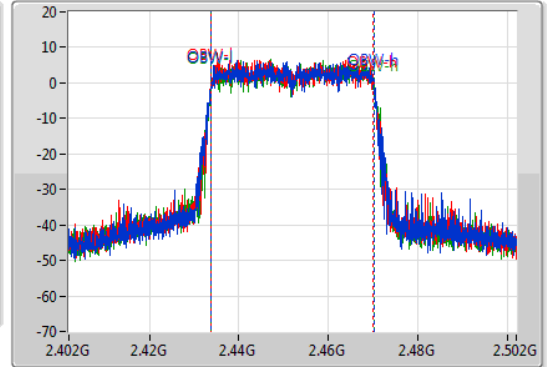
2452MHz

06/07/2022

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

6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.8M	2.4341G	2.4699G	36.482M	2.433709G	2.470191G	500k	1
36.3M	2.43385G	2.47015G	36.332M	2.433759G	2.470091G	500k	2
36.05M	2.43385G	2.4699G	36.532M	2.433759G	2.470291G	500k	3



Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_1TX(Port1)	23.75	0.23714
802.11b_Nss1,(1Mbps)_3TX	28.02	0.63387
802.11g_Nss1,(6Mbps)_3TX	26.16	0.41305
802.11n HT20_Nss1,(MCS0)_3TX	26.13	0.41020
802.11n HT40_Nss1,(MCS0)_3TX	20.74	0.11858



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_1TX(Port1)	-	-	-	-	-	-	-
2412MHz	Pass	2.43	20.05			20.05	30.00
2417MHz	Pass	2.43	20.12			20.12	30.00
2437MHz	Pass	2.43	23.75			23.75	30.00
2457MHz	Pass	2.43	19.94			19.94	30.00
2462MHz	Pass	2.43	19.54			19.54	30.00
802.11b_Nss1,(1Mbps)_3TX	-	-	-	-	-	-	-
2412MHz	Pass	2.43	18.13	17.99	17.75	22.73	30.00
2417MHz	Pass	2.43	18.32	18.31	18.01	22.99	30.00
2437MHz	Pass	2.43	23.19	23.63	22.90	28.02	30.00
2457MHz	Pass	2.43	18.79	18.99	18.90	23.67	30.00
2462MHz	Pass	2.43	18.31	18.60	18.37	23.20	30.00
802.11g_Nss1,(6Mbps)_3TX	-	-	-	-	-	-	-
2412MHz	Pass	2.43	15.62	15.92	15.39	20.42	30.00
2417MHz	Pass	2.43	17.28	17.68	16.92	22.08	30.00
2437MHz	Pass	2.43	21.21	21.69	21.25	26.16	30.00
2457MHz	Pass	2.43	16.67	16.99	16.98	21.65	30.00
2462MHz	Pass	2.43	15.51	15.39	15.47	20.23	30.00
802.11n HT20_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
2412MHz	Pass	2.43	15.15	15.39	14.91	19.93	30.00
2417MHz	Pass	2.43	16.69	17.06	16.31	21.47	30.00
2437MHz	Pass	2.43	21.14	21.70	21.23	26.13	30.00
2457MHz	Pass	2.43	16.65	16.94	16.94	21.62	30.00
2462MHz	Pass	2.43	15.42	15.28	15.33	20.11	30.00
802.11n HT40_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
2422MHz	Pass	2.43	12.59	12.97	12.33	17.41	30.00
2427MHz	Pass	2.43	13.71	14.03	13.56	18.54	30.00
2437MHz	Pass	2.43	15.67	16.28	15.92	20.74	30.00
2447MHz	Pass	2.43	14.39	14.61	14.50	19.27	30.00
2452MHz	Pass	2.43	13.54	13.74	13.47	18.36	30.00

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



Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_1TX(Port1)	-1.59
802.11b_Nss1,(1Mbps)_3TX	0.87
802.11g_Nss1,(6Mbps)_3TX	-1.72
802.11n HT20_Nss1,(MCS0)_3TX	-2.58
802.11n HT40_Nss1,(MCS0)_3TX	-10.43

RBW = 3kHz;

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_1TX(Port1)	-	-	-	-	-	-	-
2412MHz	Pass	4.49	-3.08			-3.08	8.00
2437MHz	Pass	4.49	-1.59			-1.59	8.00
2462MHz	Pass	4.49	-5.83			-5.83	8.00
802.11b_Nss1,(1Mbps)_3TX	-	-	-	-	-	-	-
2412MHz	Pass	4.49	-6.97	-7.08	-6.98	-3.10	8.00
2437MHz	Pass	4.49	-1.31	-1.54	-2.28	0.87	8.00
2462MHz	Pass	4.49	-6.51	-7.11	-7.59	-3.29	8.00
802.11g_Nss1,(6Mbps)_3TX	-	-	-	-	-	-	-
2412MHz	Pass	4.49	-10.66	-10.41	-11.15	-7.45	8.00
2437MHz	Pass	4.49	-3.81	-4.61	-4.76	-1.72	8.00
2462MHz	Pass	4.49	-10.83	-10.00	-9.66	-6.82	8.00
802.11n HT20_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
2412MHz	Pass	4.49	-10.85	-10.52	-10.23	-7.75	8.00
2437MHz	Pass	4.49	-5.50	-4.65	-5.38	-2.58	8.00
2462MHz	Pass	4.49	-10.69	-10.67	-11.58	-8.37	8.00
802.11n HT40_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
2422MHz	Pass	4.49	-16.03	-15.83	-16.54	-13.50	8.00
2437MHz	Pass	4.49	-13.34	-12.08	-12.99	-10.43	8.00
2452MHz	Pass	4.49	-15.58	-14.75	-15.45	-12.34	8.00

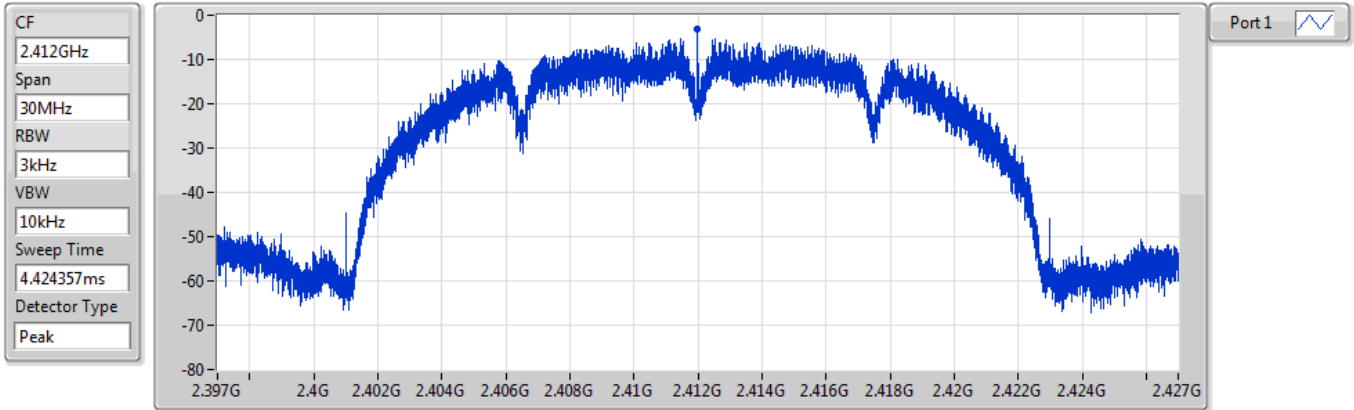
DG = Directional Gain; RBW = 3kHz;
 PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

802.11b_Nss1,(1Mbps)_1TX(Port1)

PSD

2412MHz

06/07/2022



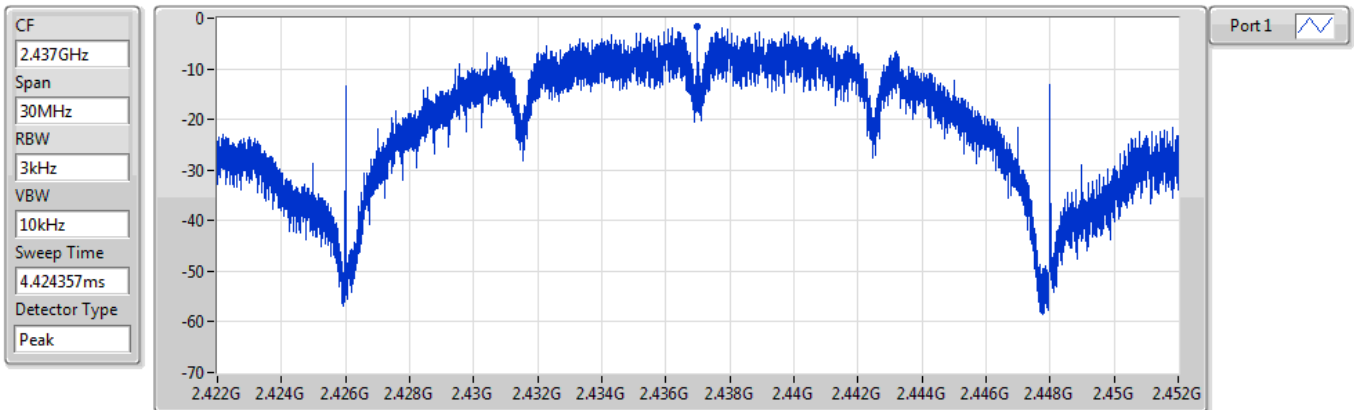
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.08	-3.08	-3.08

802.11b_Nss1,(1Mbps)_1TX(Port1)

PSD

2437MHz

06/07/2022



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.59	-1.59	-1.59

802.11b_Nss1,(1Mbps)_1TX(Port1)

PSD

2462MHz

06/07/2022

CF
2.462GHz

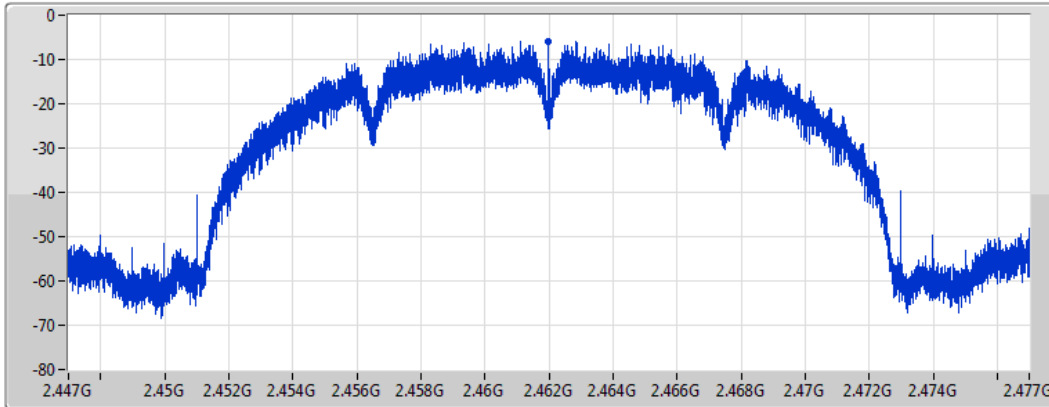
Span
30MHz


RBW
3kHz

VBW
10kHz

Sweep Time
4.424357ms

Detector Type
Peak



Port 1 

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.83	-5.83	-5.83

802.11b_Nss1,(1Mbps)_3TX

PSD

2412MHz

06/07/2022

CF
2.412GHz

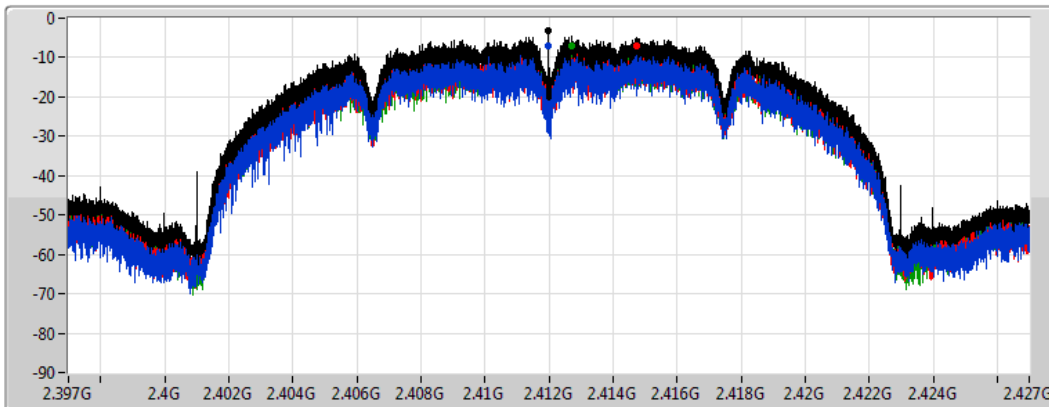
Span
30MHz


RBW
3kHz


VBW
10kHz


Sweep Time
4.424357ms


Detector Type
Peak



Sum 

Port 1 

Port 2 

Port 3 

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.10	-3.10	-6.97	-7.08	-6.98

802.11b_Nss1,(1Mbps)_3TX

PSD

2437MHz

06/07/2022

CF
2.437GHz

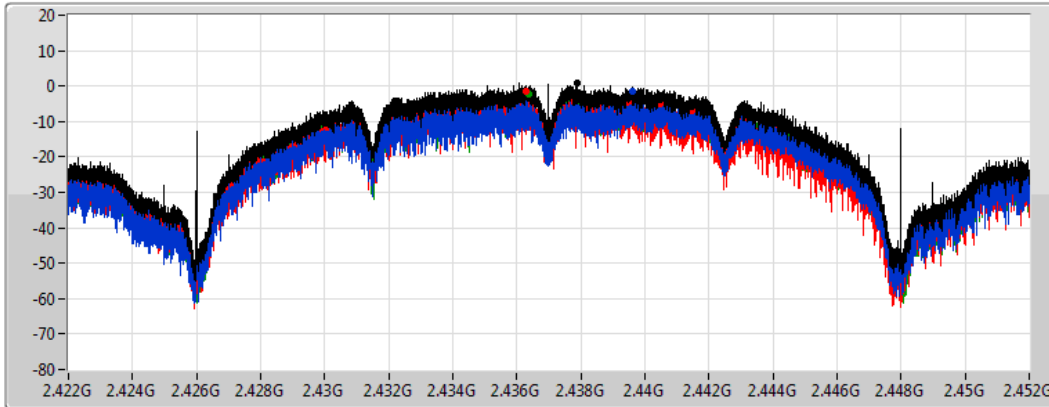
Span
30MHz

RBW
3kHz

VBW
10kHz

Sweep Time
4.424357ms

Detector Type
Peak



Sum

Port 1

Port 2

Port 3

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.87	0.87	-1.31	-1.54	-2.28

802.11b_Nss1,(1Mbps)_3TX

PSD

2462MHz

06/07/2022

CF
2.462GHz

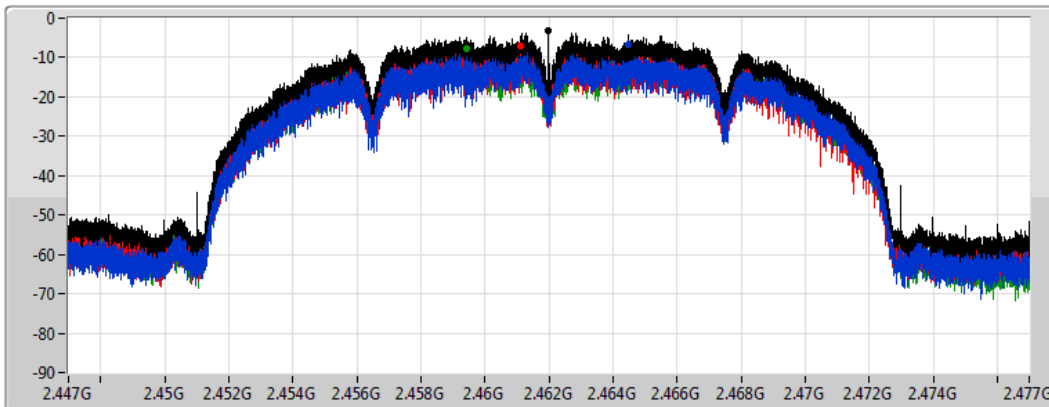
Span
30MHz

RBW
3kHz

VBW
10kHz

Sweep Time
4.424357ms

Detector Type
Peak



Sum

Port 1

Port 2

Port 3

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.29	-3.29	-6.51	-7.11	-7.59

802.11g_Nss1,(6Mbps)_3TX

PSD

2412MHz

06/07/2022

CF
2.412GHz

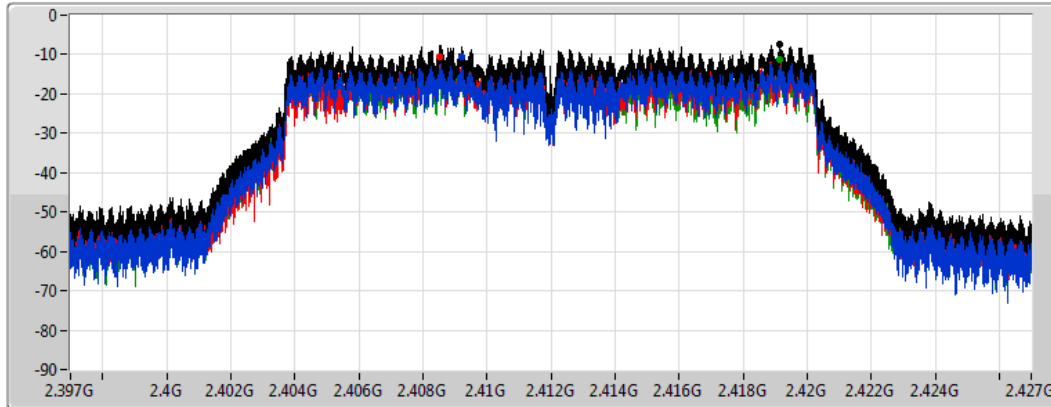
Span
30MHz

RBW
3kHz

VBW
10kHz

Sweep Time
4.424357ms

Detector Type
Peak



Sum

Port 1

Port 2

Port 3

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.45	-7.45	-10.66	-10.41	-11.15

802.11g_Nss1,(6Mbps)_3TX

PSD

2437MHz

06/07/2022

CF
2.437GHz

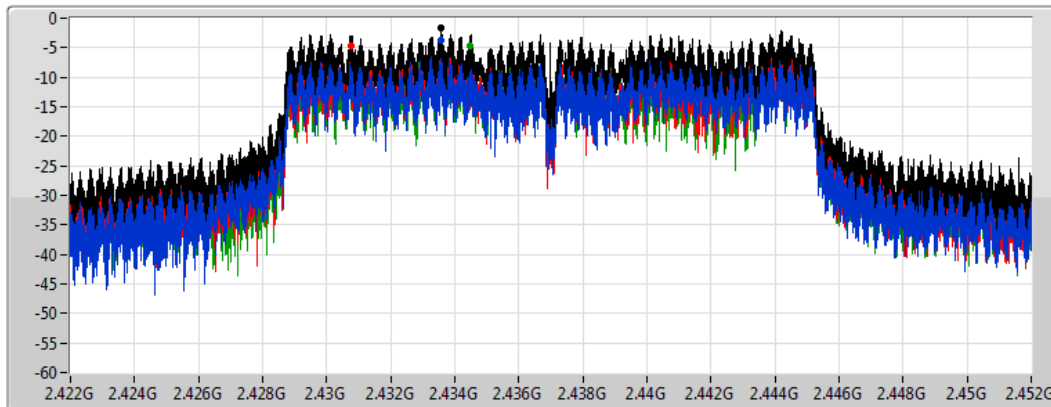
Span
30MHz

RBW
3kHz

VBW
10kHz

Sweep Time
4.424357ms

Detector Type
Peak



Sum

Port 1

Port 2

Port 3

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.72	-1.72	-3.81	-4.61	-4.76

802.11g_Nss1,(6Mbps)_3TX

PSD

2462MHz

06/07/2022

CF
2.462GHz

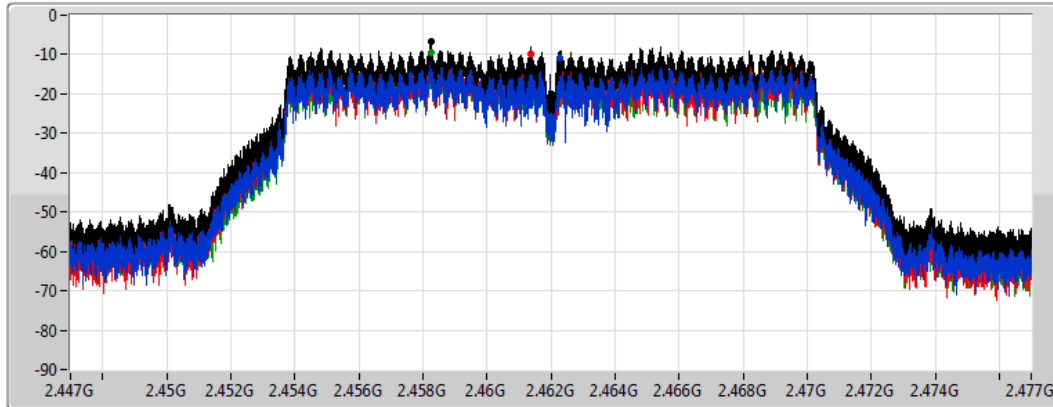
Span
30MHz

RBW
3kHz

VBW
10kHz

Sweep Time
4.424357ms

Detector Type
Peak



Sum

Port 1

Port 2

Port 3

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.82	-6.82	-10.83	-10.00	-9.66

802.11n HT20_Nss1,(MCS0)_3TX

PSD

2412MHz

06/07/2022

CF
2.412GHz

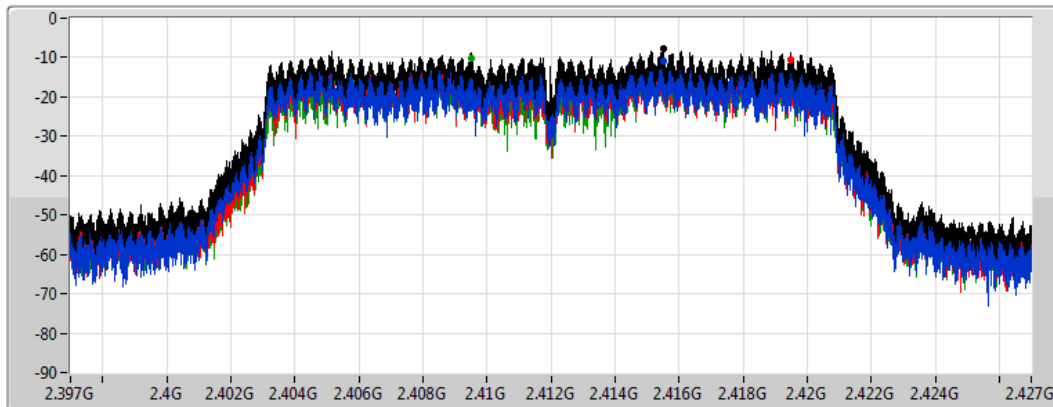
Span
30MHz

RBW
3kHz

VBW
10kHz

Sweep Time
4.424357ms

Detector Type
Peak



Sum

Port 1

Port 2

Port 3

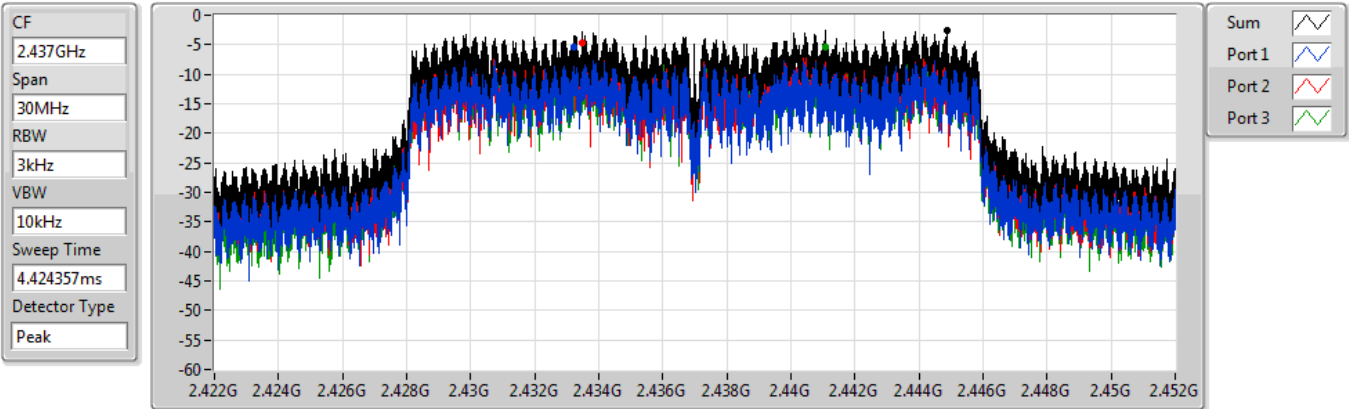
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.75	-7.75	-10.85	-10.52	-10.23

802.11n HT20_Nss1,(MCS0)_3TX

PSD

2437MHz

06/07/2022



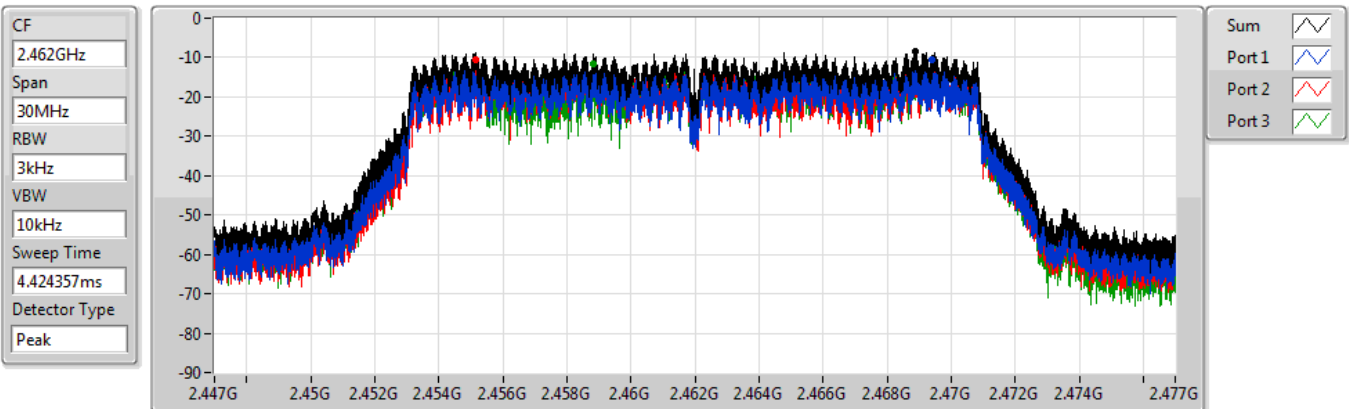
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.58	-2.58	-5.50	-4.65	-5.38

802.11n HT20_Nss1,(MCS0)_3TX

PSD

2462MHz

06/07/2022



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.37	-8.37	-10.69	-10.67	-11.58

802.11n HT40_Nss1,(MCS0)_3TX

PSD

2422MHz

06/07/2022

CF
2.422GHz

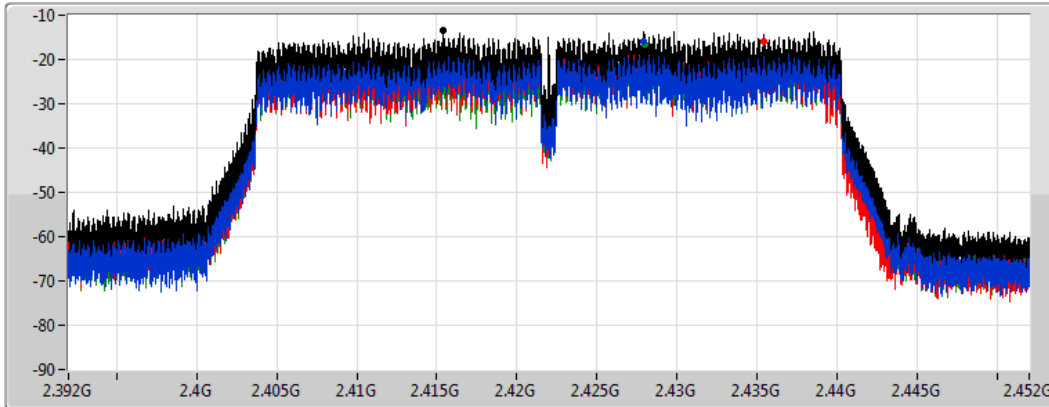
Span
60MHz

RBW
3kHz

VBW
10kHz

Sweep Time
8.848933ms

Detector Type
Peak



Sum

Port 1

Port 2

Port 3

Sum	PD	Port 1	Port 2	Port 3
(dBm/3kHz)	(dBm/3kHz)	(dBm/3kHz)	(dBm/3kHz)	(dBm/3kHz)
-13.50	-13.50	-16.03	-15.83	-16.54

802.11n HT40_Nss1,(MCS0)_3TX

PSD

2437MHz

06/07/2022

CF
2.437GHz

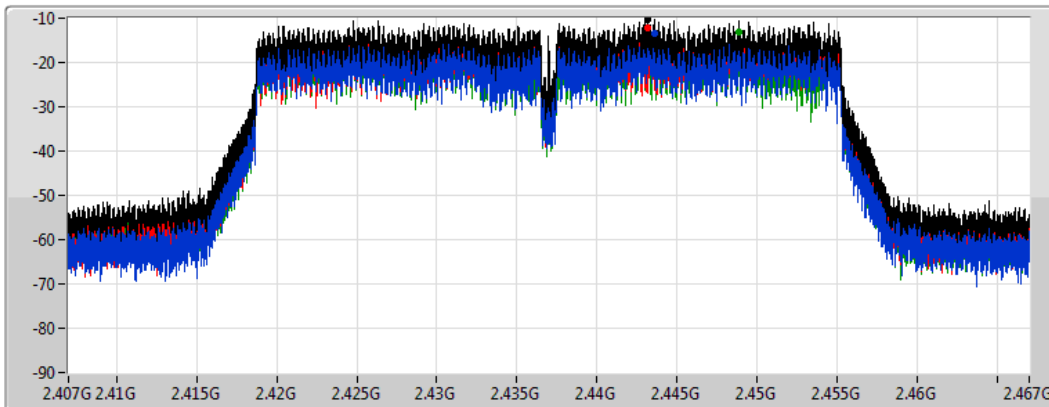
Span
60MHz

RBW
3kHz

VBW
10kHz

Sweep Time
8.848933ms

Detector Type
Peak



Sum

Port 1

Port 2

Port 3

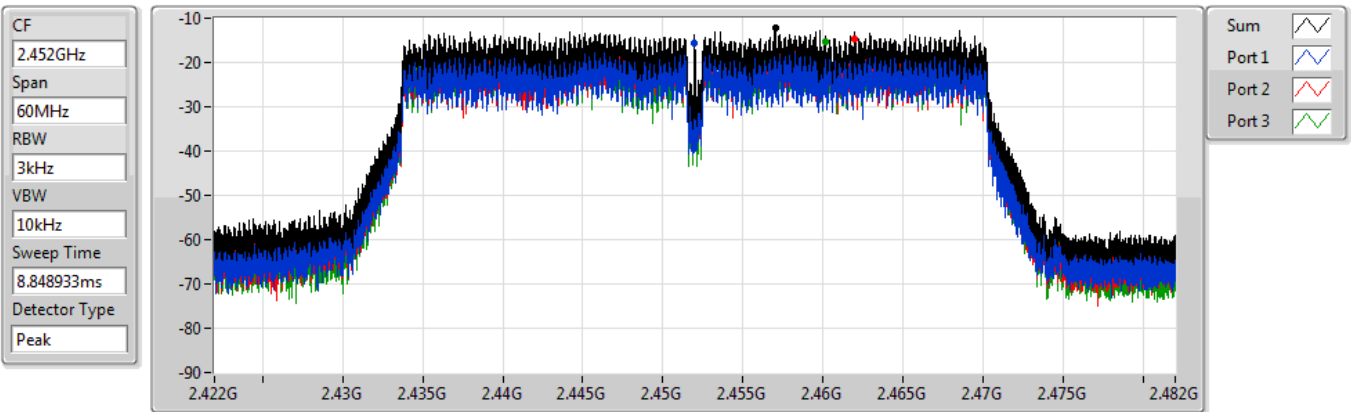
Sum	PD	Port 1	Port 2	Port 3
(dBm/3kHz)	(dBm/3kHz)	(dBm/3kHz)	(dBm/3kHz)	(dBm/3kHz)
-10.43	-10.43	-13.34	-12.08	-12.99

802.11n HT40_Nss1,(MCS0)_3TX

PSD

2452MHz

06/07/2022



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-12.34	-12.34	-15.58	-14.75	-15.45



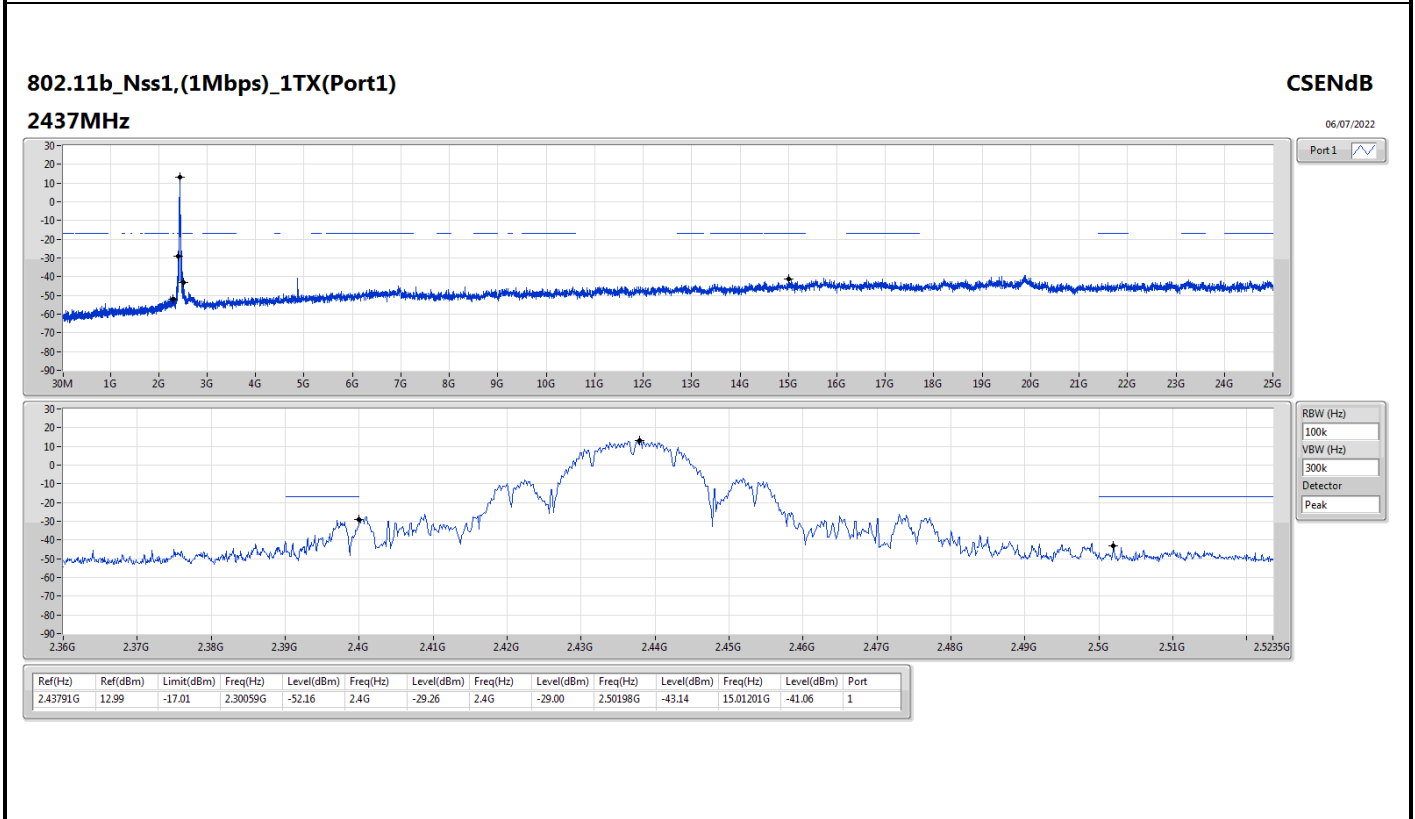
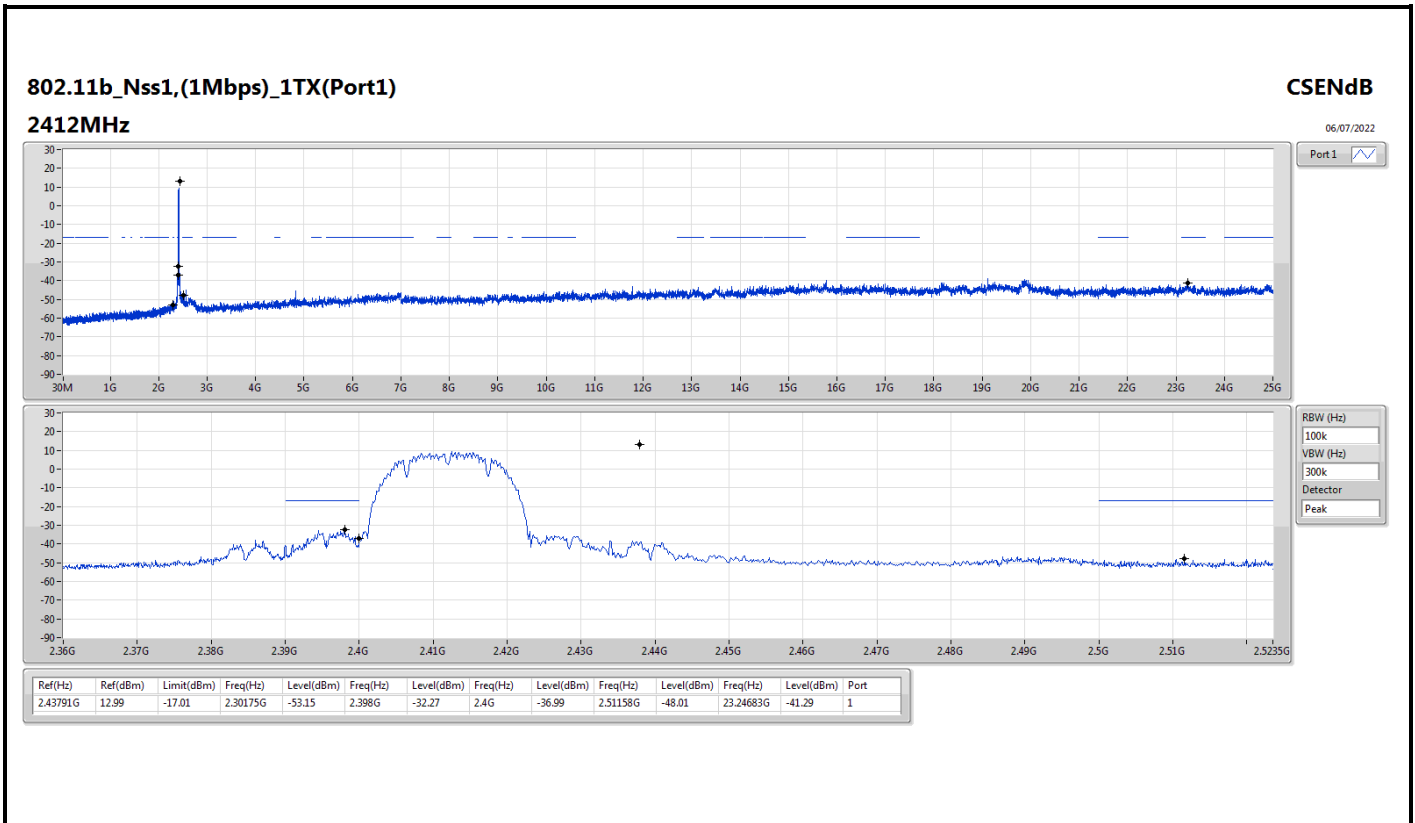
Summary

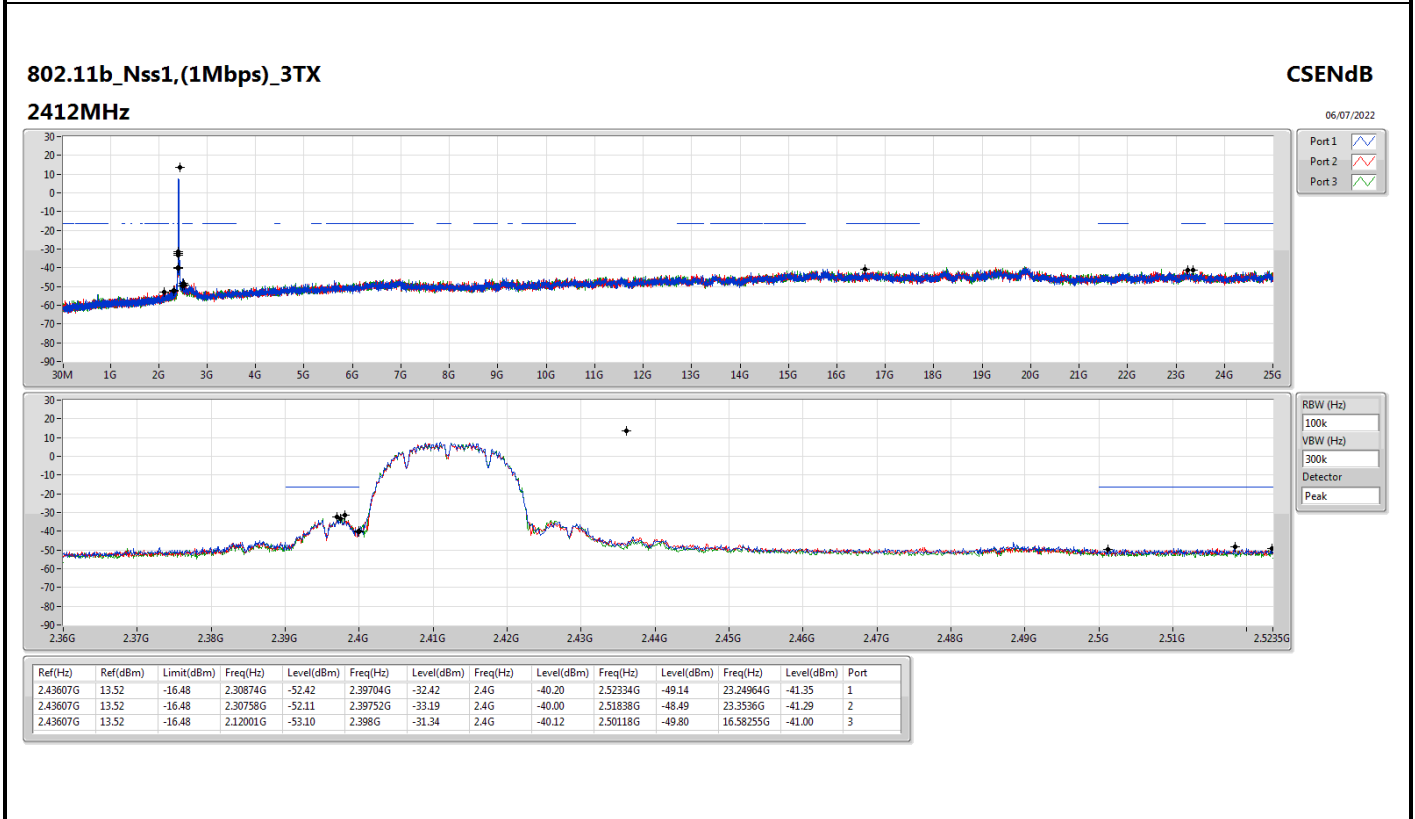
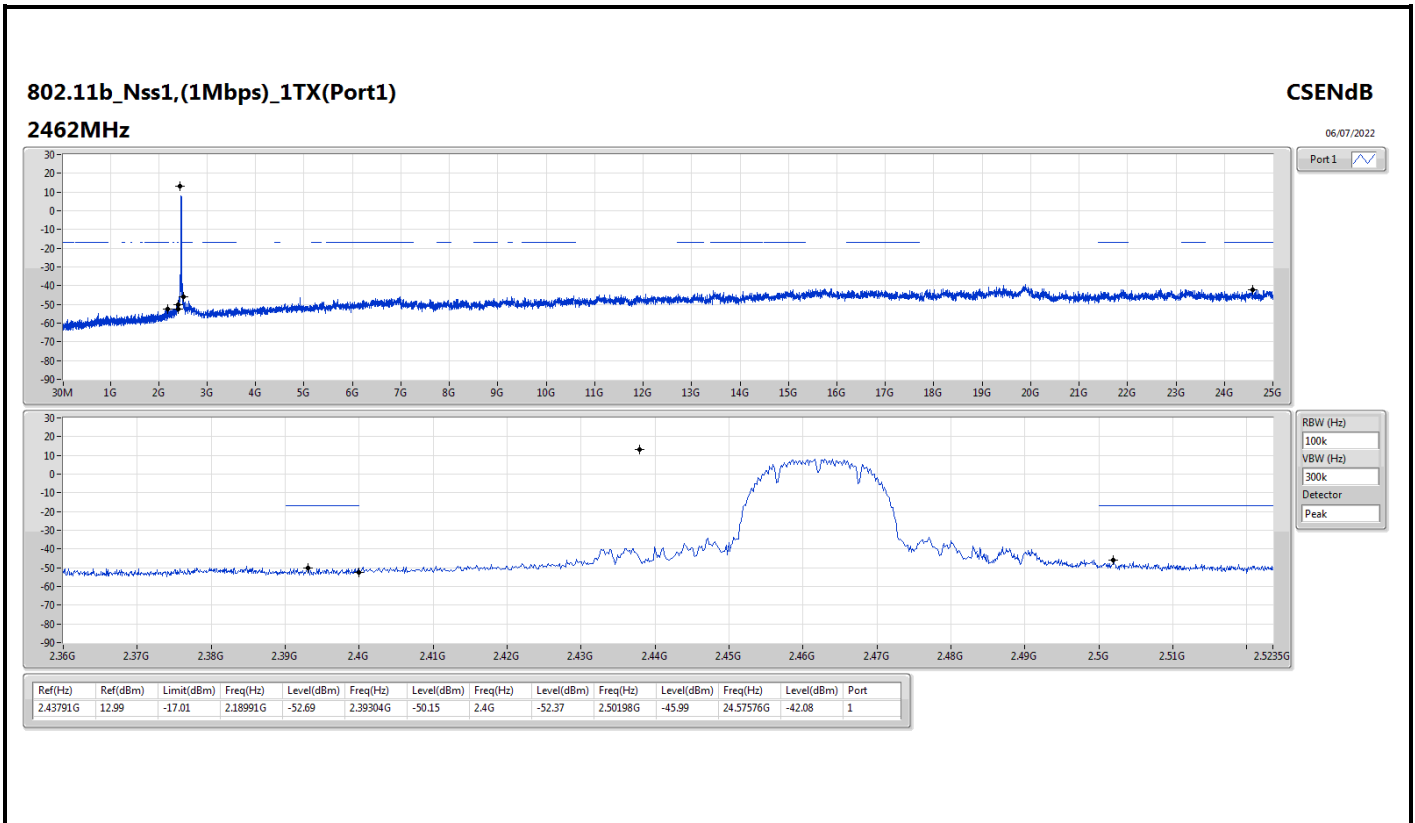
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX(Port1)	Pass	2.43791G	12.99	-17.01	2.30059G	-52.16	2.4G	-29.26	2.4G	-29.00	2.50198G	-43.14	15.01201G	-41.06	1
802.11b_Nss1,(1Mbps)_3TX	Pass	2.43607G	13.52	-16.48	2.30991G	-51.49	2.398G	-30.16	2.4G	-31.21	2.5015G	-46.21	24.86233G	-40.39	2
802.11g_Nss1,(6Mbps)_3TX	Pass	2.44442G	11.11	-18.89	2.1538G	-51.34	2.39888G	-28.10	2.4G	-31.77	2.51094G	-50.31	24.94662G	-41.20	2
802.11n_HT20_Nss1,(MCS0)_3TX	Pass	2.44442G	11.02	-18.98	2.18758G	-52.96	2.3948G	-33.14	2.4G	-33.94	2.50046G	-51.00	24.25266G	-41.61	2
802.11n_HT40_Nss1,(MCS0)_3TX	Pass	2.4319G	2.18	-27.82	2.18489G	-52.75	2.39952G	-38.09	2.4G	-42.29	2.50302G	-47.97	22.00473G	-39.73	3

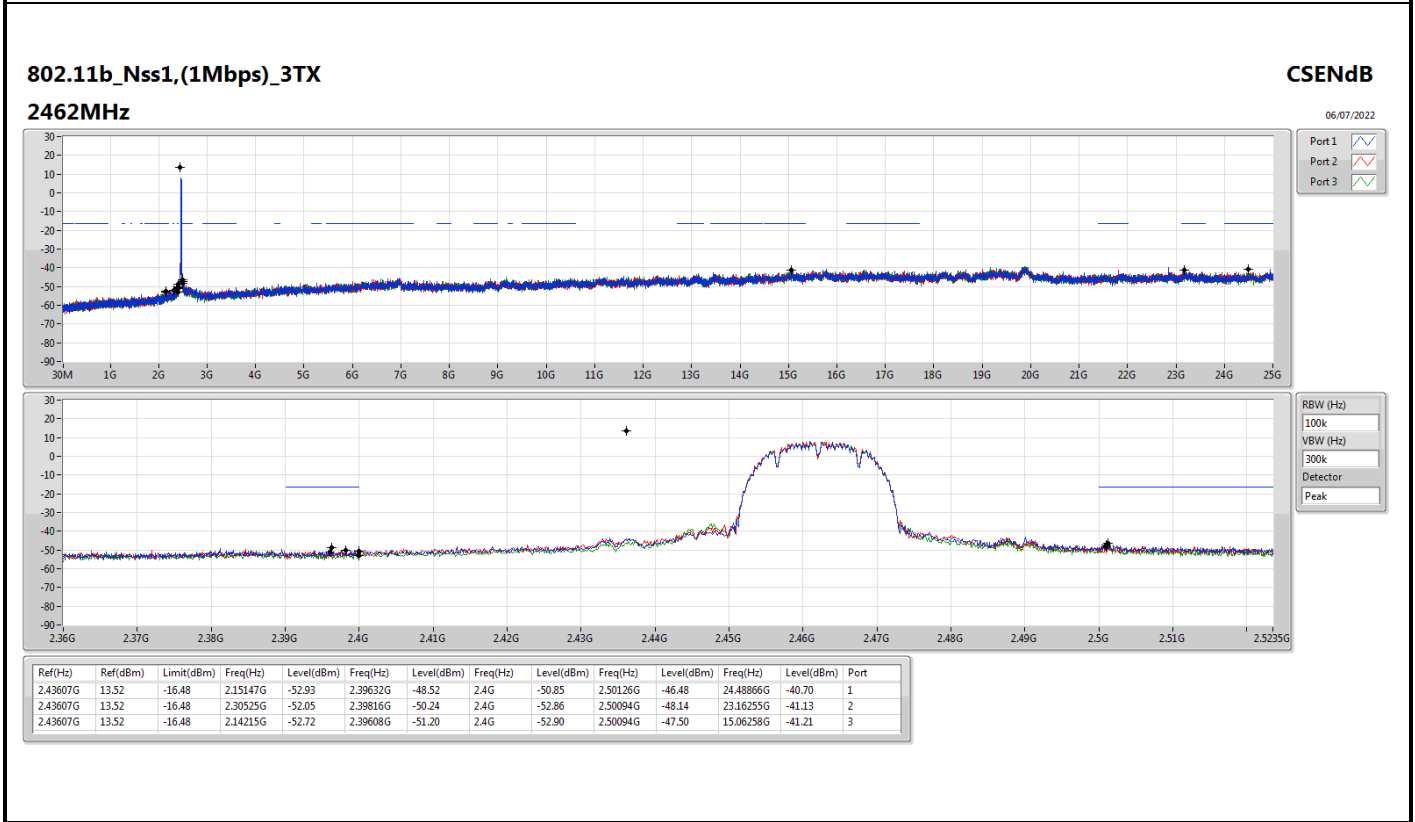
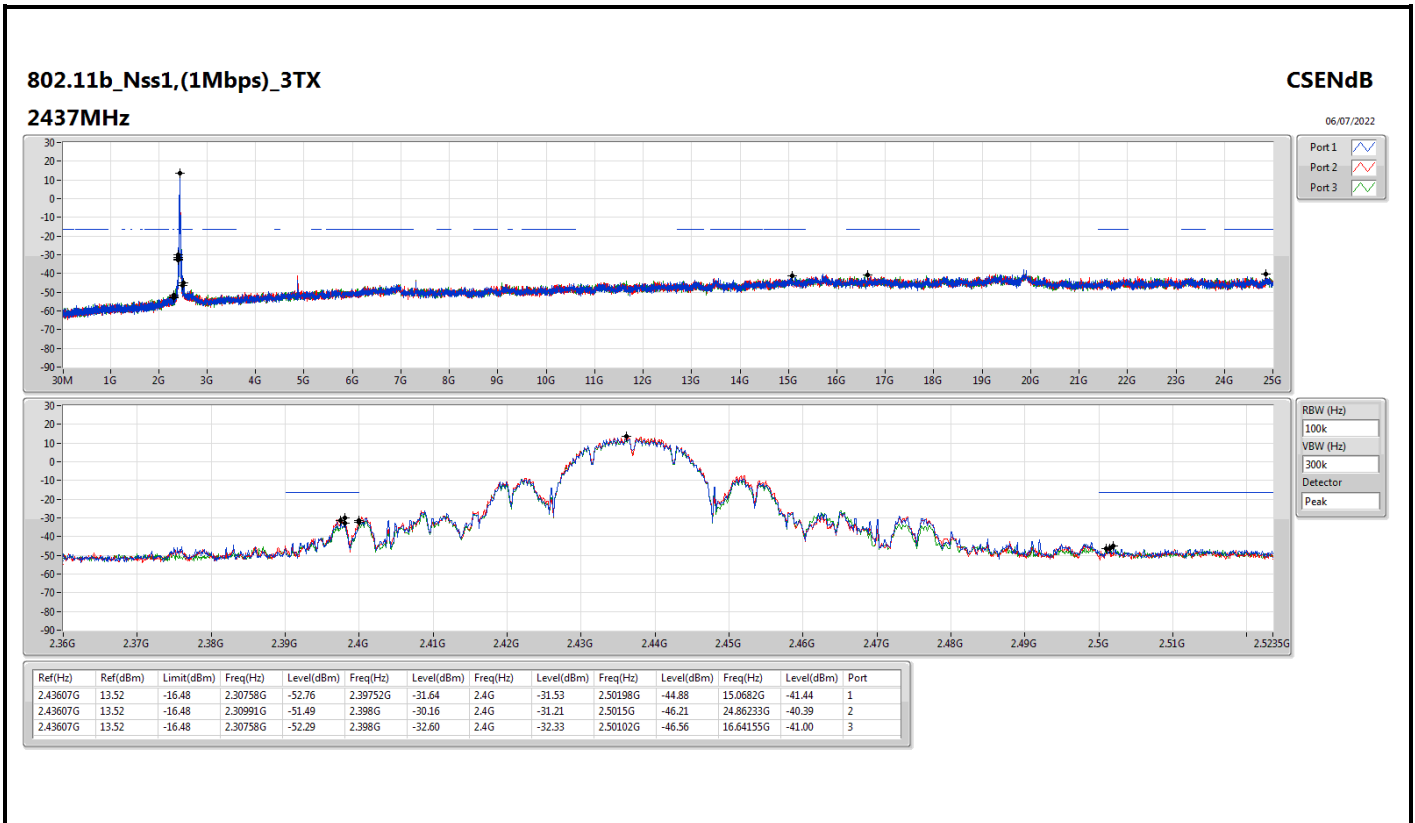


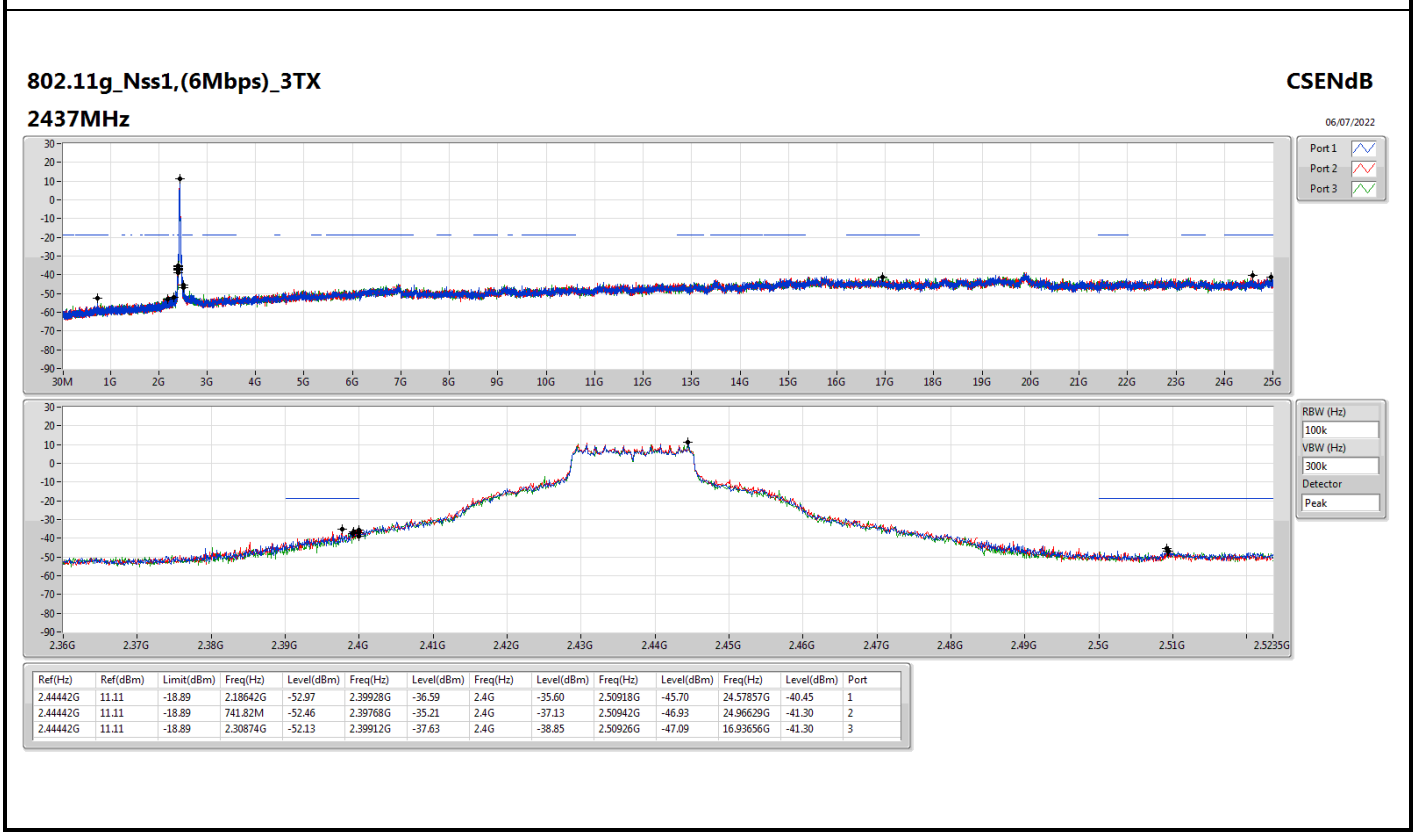
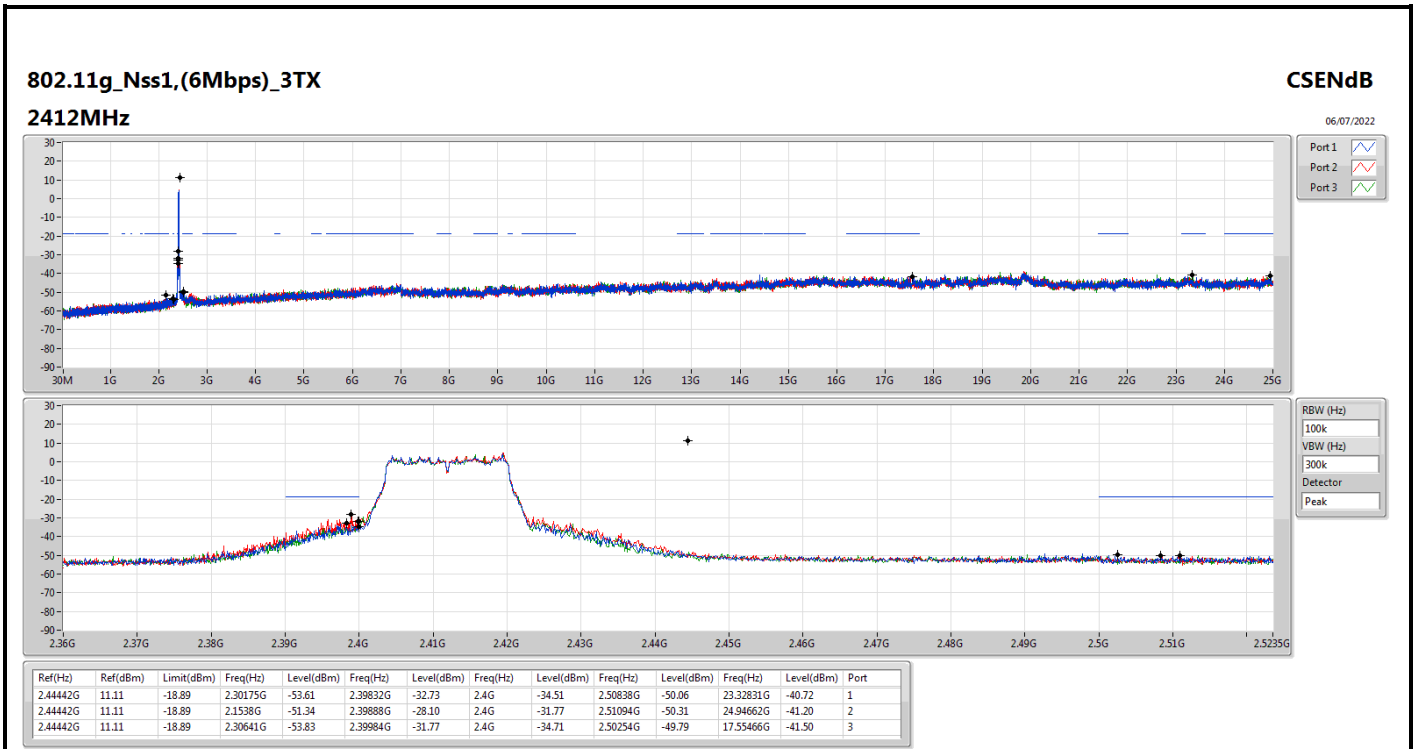
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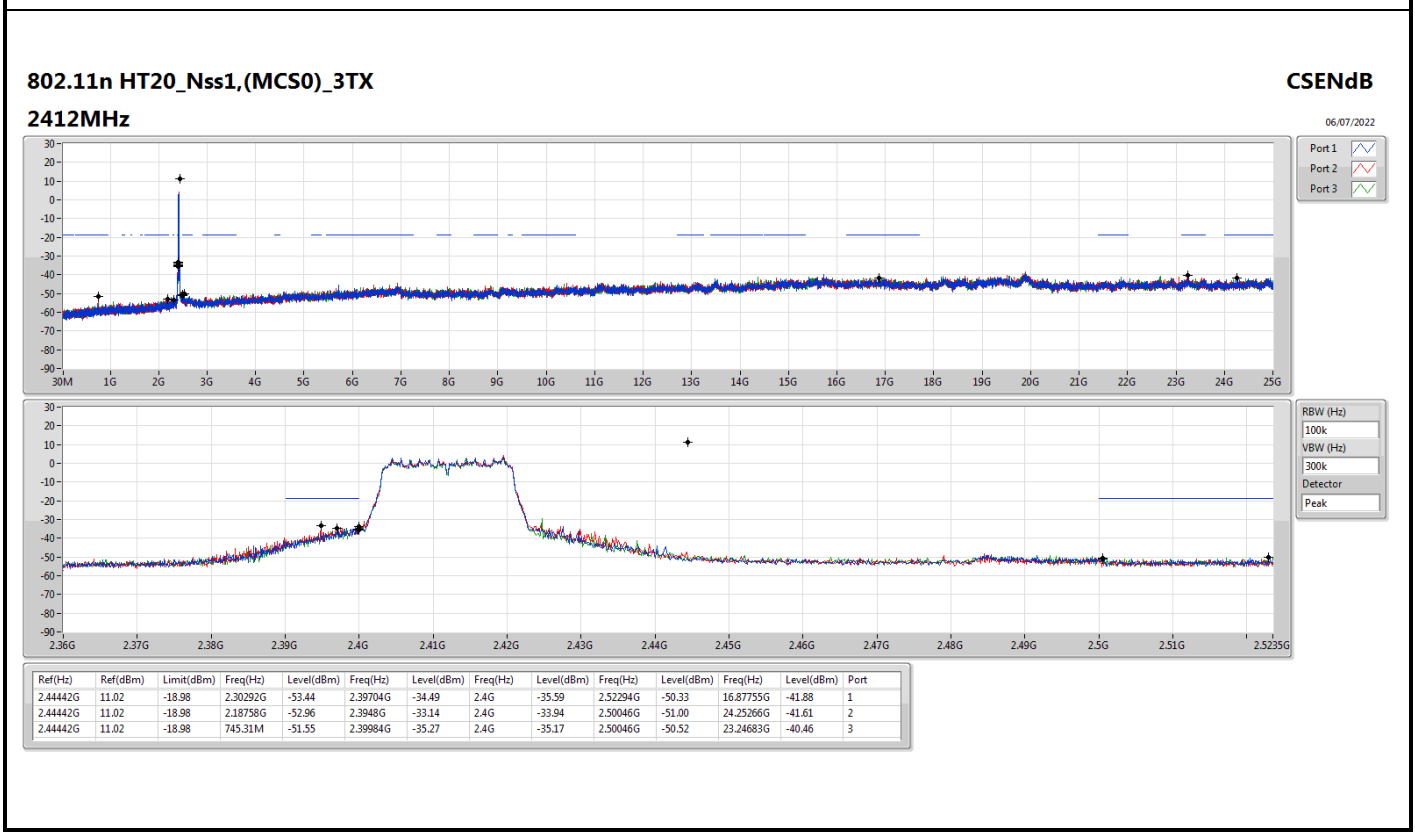
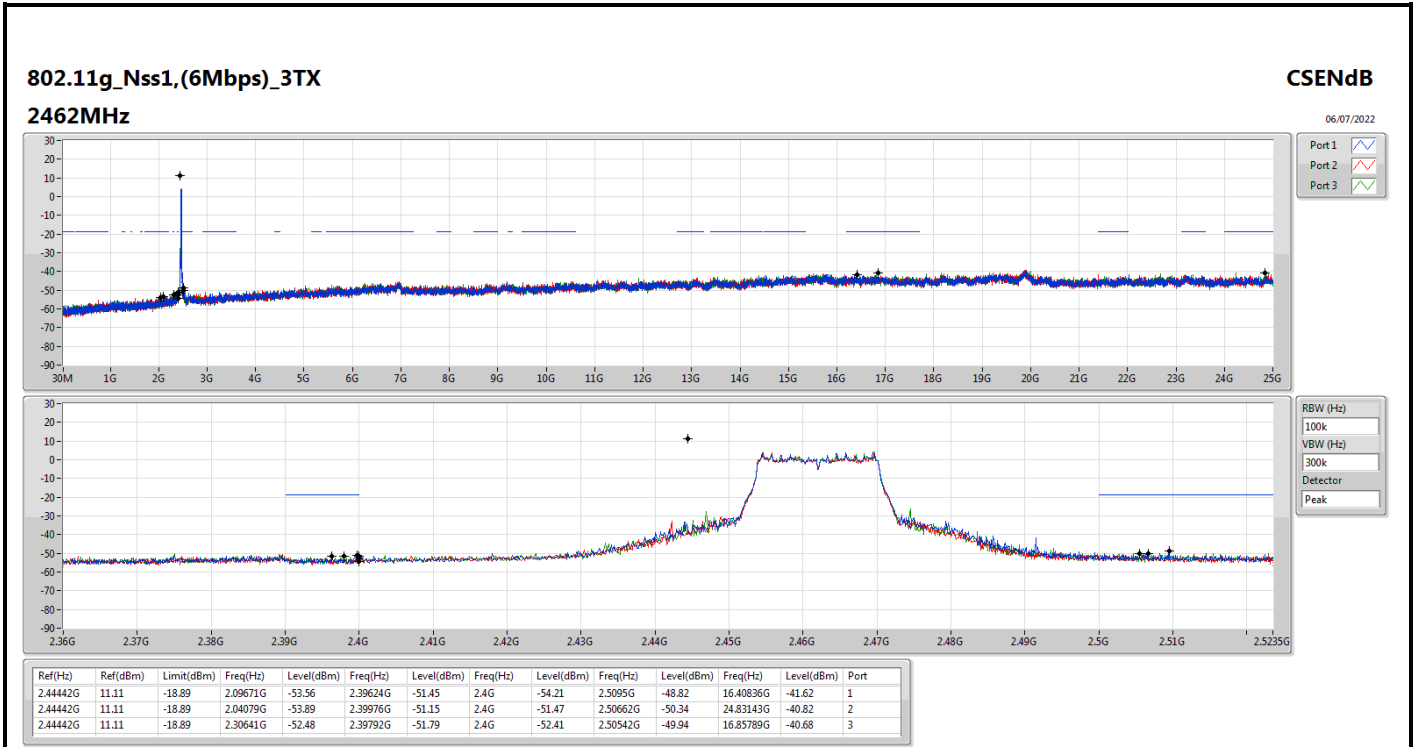
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_1TX(Port1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43791G	12.99	-17.01	2.30175G	-53.15	2.398G	-32.27	2.4G	-36.99	2.51158G	-48.01	23.24683G	-41.29	1
2437MHz	Pass	2.43791G	12.99	-17.01	2.30059G	-52.16	2.4G	-29.26	2.4G	-29.00	2.50198G	-43.14	15.01201G	-41.06	1
2462MHz	Pass	2.43791G	12.99	-17.01	2.18991G	-52.69	2.39304G	-50.15	2.4G	-52.37	2.50198G	-45.99	24.57576G	-42.08	1
802.11b_Nss1,(1Mbps)_3TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43607G	13.52	-16.48	2.30874G	-52.42	2.39704G	-32.42	2.4G	-40.20	2.52334G	-49.14	23.24964G	-41.35	1
2412MHz	Pass	2.43607G	13.52	-16.48	2.30758G	-52.11	2.39752G	-33.19	2.4G	-40.00	2.51838G	-48.49	23.3536G	-41.29	2
2412MHz	Pass	2.43607G	13.52	-16.48	2.12001G	-53.10	2.398G	-31.34	2.4G	-40.12	2.50118G	-49.80	16.58255G	-41.00	3
2437MHz	Pass	2.43607G	13.52	-16.48	2.30758G	-52.76	2.39752G	-31.64	2.4G	-31.53	2.50198G	-44.88	15.0682G	-41.44	1
2437MHz	Pass	2.43607G	13.52	-16.48	2.30991G	-51.49	2.398G	-30.16	2.4G	-31.21	2.5015G	-46.21	24.86233G	-40.39	2
2437MHz	Pass	2.43607G	13.52	-16.48	2.30758G	-52.29	2.398G	-32.60	2.4G	-32.33	2.50102G	-46.66	16.6415G	-41.00	3
2462MHz	Pass	2.43607G	13.52	-16.48	2.15147G	-52.93	2.39632G	-48.52	2.4G	-50.85	2.50126G	-46.48	24.48866G	-40.70	1
2462MHz	Pass	2.43607G	13.52	-16.48	2.30525G	-52.05	2.39816G	-50.24	2.4G	-52.86	2.50094G	-48.14	23.16255G	-41.13	2
2462MHz	Pass	2.43607G	13.52	-16.48	2.14215G	-52.72	2.39608G	-51.20	2.4G	-52.90	2.50094G	-47.50	15.06258G	-41.21	3
802.11g_Nss1,(6Mbps)_3TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.44442G	11.11	-18.89	2.30175G	-53.61	2.39832G	-32.73	2.4G	-34.51	2.50838G	-50.06	23.32831G	-40.72	1
2412MHz	Pass	2.44442G	11.11	-18.89	2.1538G	-51.34	2.39888G	-28.10	2.4G	-31.77	2.51094G	-50.31	24.94662G	-41.20	2
2412MHz	Pass	2.44442G	11.11	-18.89	2.30641G	-53.83	2.39984G	-31.77	2.4G	-34.71	2.50254G	-49.79	17.55466G	-41.50	3
2437MHz	Pass	2.44442G	11.11	-18.89	2.18642G	-52.97	2.39928G	-36.59	2.4G	-35.60	2.50918G	-45.70	24.57857G	-40.45	1
2437MHz	Pass	2.44442G	11.11	-18.89	741.82M	-52.46	2.39768G	-35.21	2.4G	-37.13	2.50942G	-46.93	24.96629G	-41.30	2
2437MHz	Pass	2.44442G	11.11	-18.89	2.30874G	-52.13	2.39912G	-37.63	2.4G	-38.85	2.50926G	-47.09	16.93656G	-41.30	3
2462MHz	Pass	2.44442G	11.11	-18.89	2.09671G	-53.56	2.39624G	-51.45	2.4G	-54.21	2.5095G	-48.82	16.40836G	-41.62	1
2462MHz	Pass	2.44442G	11.11	-18.89	2.04079G	-53.89	2.39976G	-51.15	2.4G	-51.47	2.50662G	-50.34	24.83143G	-40.82	2
2462MHz	Pass	2.44442G	11.11	-18.89	2.30641G	-52.48	2.39792G	-51.79	2.4G	-52.41	2.50542G	-49.94	16.85789G	-40.68	3
802.11n HT20_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.44442G	11.02	-18.98	2.30292G	-53.44	2.39704G	-34.49	2.4G	-35.59	2.52294G	-50.33	16.87755G	-41.88	1
2412MHz	Pass	2.44442G	11.02	-18.98	2.18758G	-52.96	2.3948G	-33.14	2.4G	-33.94	2.50046G	-51.00	24.25266G	-41.61	2
2412MHz	Pass	2.44442G	11.02	-18.98	745.31M	-51.55	2.39984G	-35.27	2.4G	-35.17	2.50046G	-50.52	23.24683G	-40.46	3
2437MHz	Pass	2.44442G	11.02	-18.98	2.30059G	-52.43	2.39952G	-35.88	2.4G	-33.26	2.51894G	-47.44	16.30721G	-41.45	1
2437MHz	Pass	2.44442G	11.02	-18.98	2.30758G	-52.46	2.39896G	-36.68	2.4G	-35.81	2.50454G	-47.34	23.23279G	-41.19	2
2437MHz	Pass	2.44442G	11.02	-18.98	2.13166G	-52.79	2.39672G	-36.59	2.4G	-37.31	2.50886G	-46.67	15.34072G	-40.44	3
2462MHz	Pass	2.44442G	11.02	-18.98	2.13749G	-53.42	2.39832G	-52.35	2.4G	-53.59	2.50206G	-48.79	14.30681G	-41.68	1
2462MHz	Pass	2.44442G	11.02	-18.98	2.30059G	-53.41	2.3924G	-51.76	2.4G	-54.13	2.50854G	-50.58	23.31426G	-40.38	2
2462MHz	Pass	2.44442G	11.02	-18.98	2.04778G	-53.84	2.3968G	-51.65	2.4G	-53.76	2.50238G	-50.24	24.5589G	-40.94	3
802.11n HT40_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.4319G	2.18	-27.82	2.17688G	-54.24	2.39712G	-40.63	2.4G	-42.55	2.51086G	-50.26	24.86538G	-40.84	1
2422MHz	Pass	2.4319G	2.18	-27.82	2.12993G	-52.92	2.39456G	-38.71	2.4G	-41.99	2.50798G	-49.99	16.54705G	-40.80	2
2422MHz	Pass	2.4319G	2.18	-27.82	2.09329G	-53.89	2.39824G	-38.33	2.4G	-41.26	2.50718G	-49.88	23.5248G	-41.65	3
2437MHz	Pass	2.4319G	2.18	-27.82	2.30855G	-53.05	2.39952G	-40.18	2.4G	-44.61	2.50382G	-46.94	14.81663G	-40.76	1
2437MHz	Pass	2.4319G	2.18	-27.82	2.3097G	-53.03	2.39952G	-39.44	2.4G	-41.75	2.5011G	-46.87	24.91306G	-41.50	2
2437MHz	Pass	2.4319G	2.18	-27.82	2.18489G	-52.75	2.39952G	-38.09	2.4G	-42.29	2.50302G	-47.97	22.00473G	-39.73	3
2452MHz	Pass	2.4319G	2.18	-27.82	2.17573G	-53.21	2.39984G	-49.91	2.4G	-52.00	2.50062G	-49.26	23.18545G	-41.00	1
2452MHz	Pass	2.4319G	2.18	-27.82	2.3097G	-53.56	2.39952G	-51.31	2.4G	-52.59	2.51678G	-50.36	24.8766G	-41.52	2
2452MHz	Pass	2.4319G	2.18	-27.82	2.1826G	-53.57	2.39472G	-50.68	2.4G	-53.56	2.50254G	-49.47	14.90638G	-41.72	3

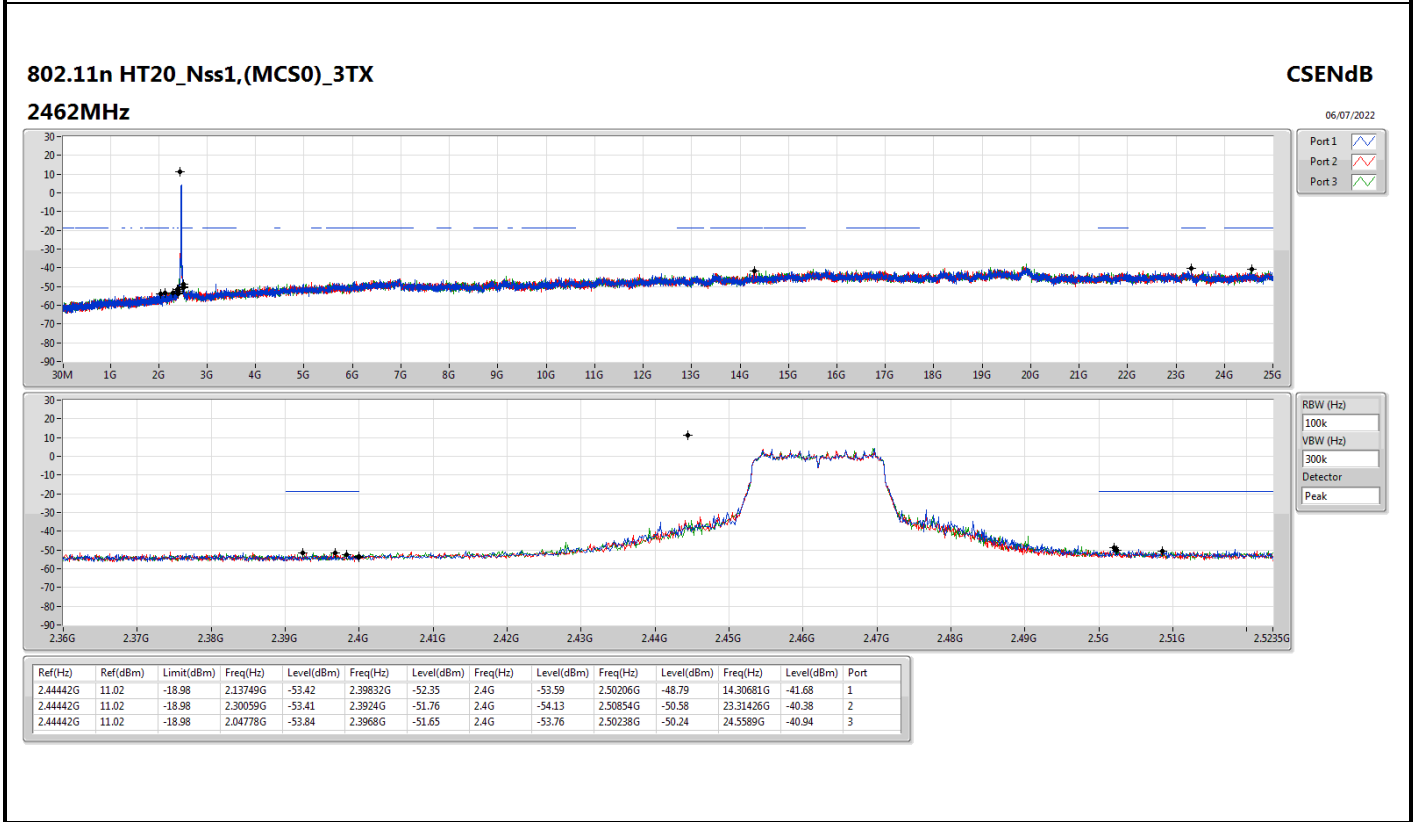
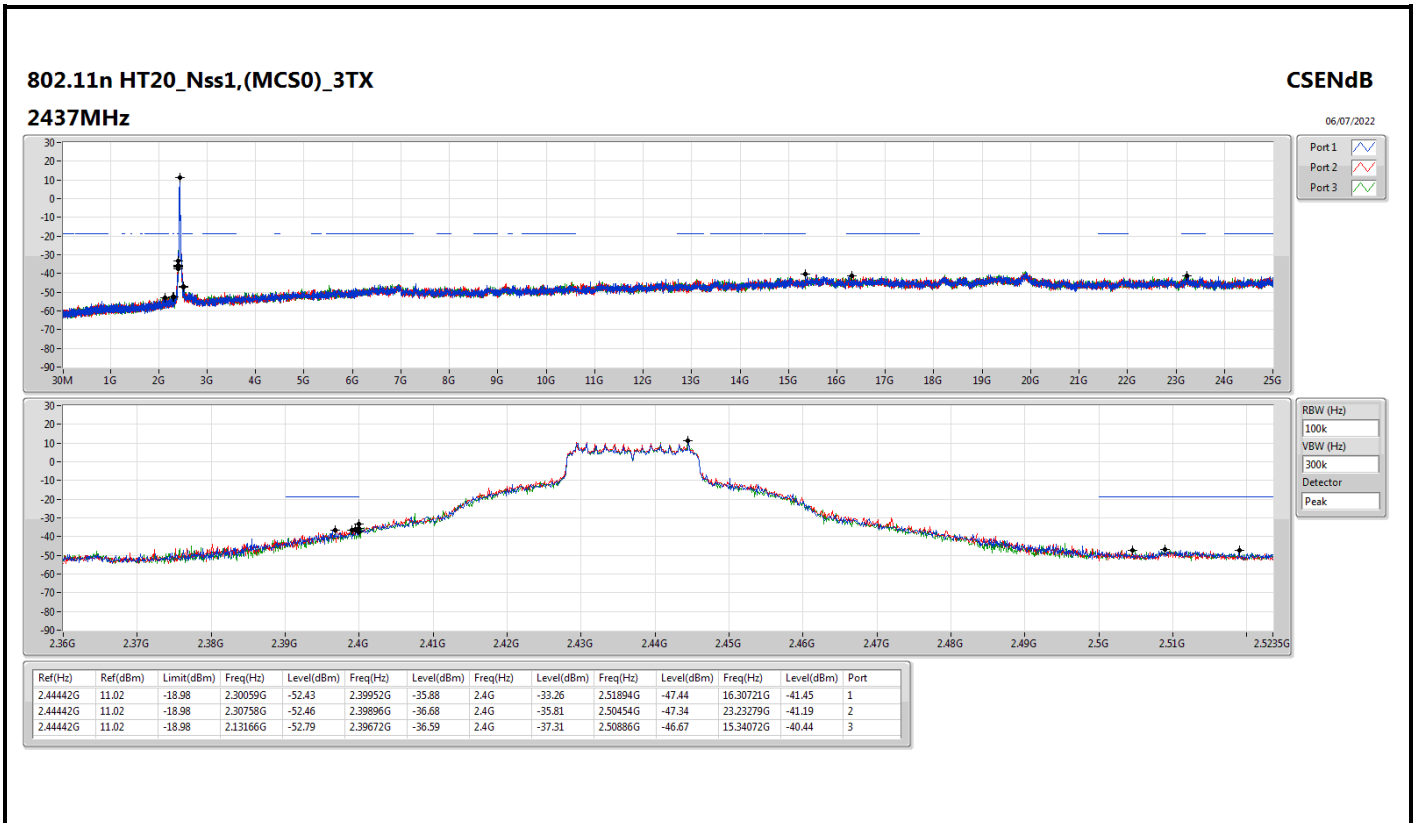


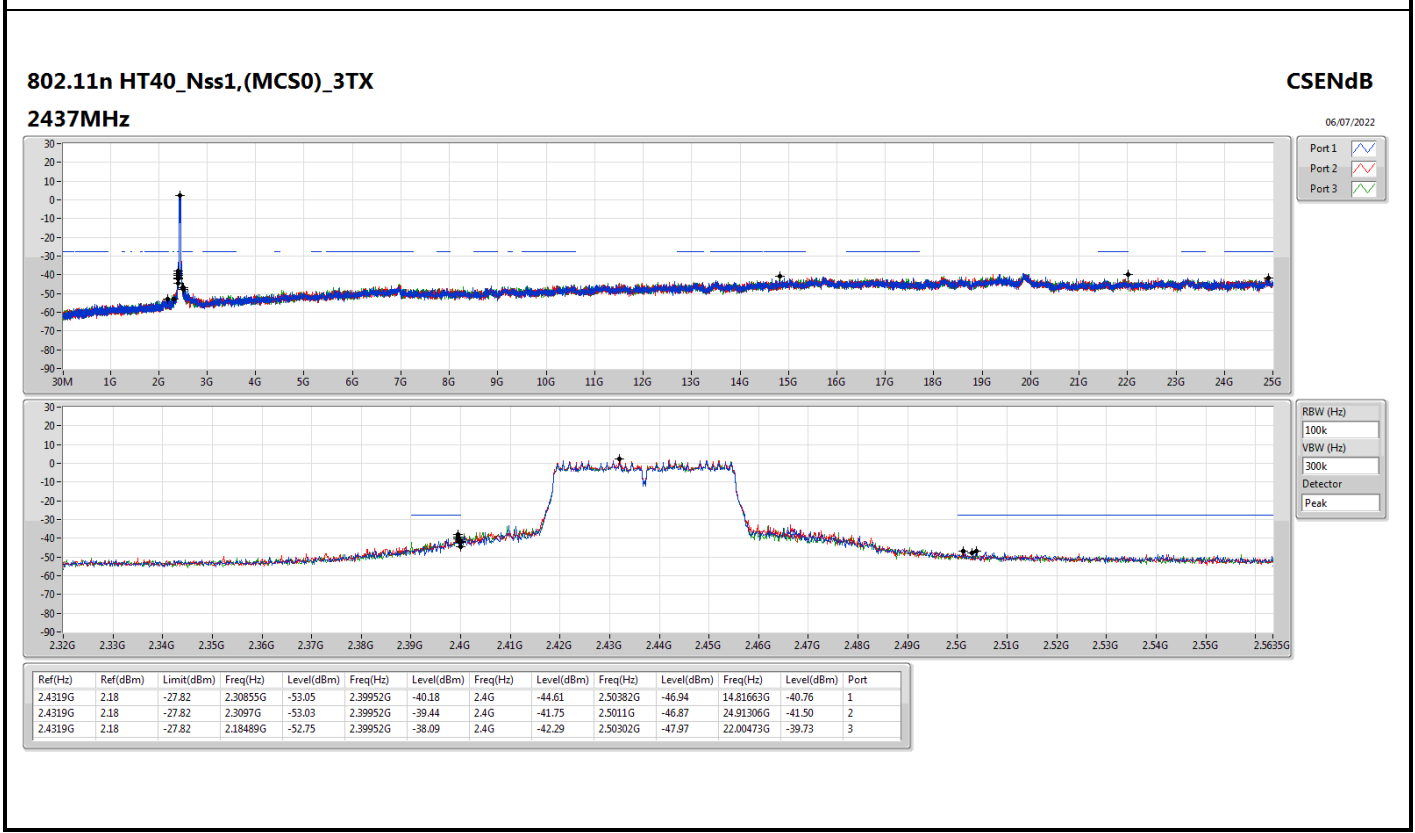
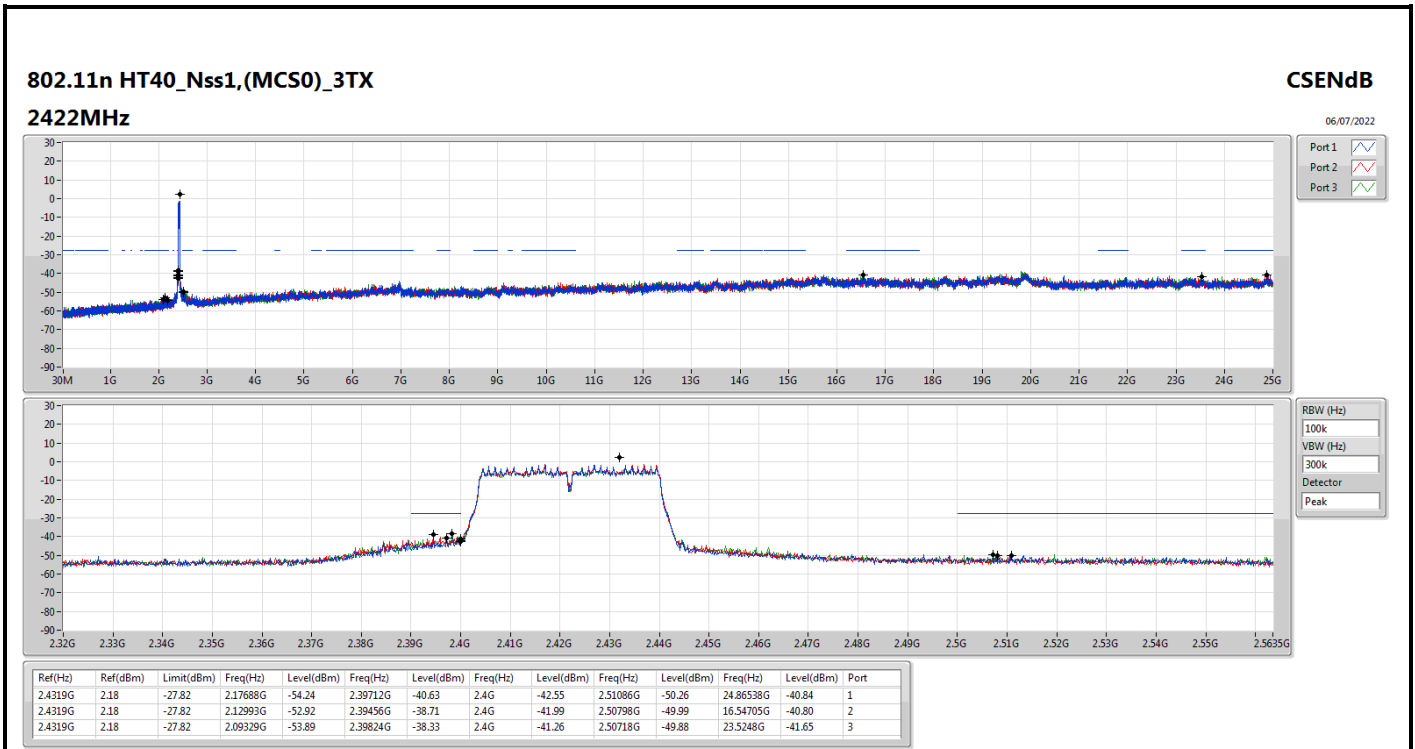










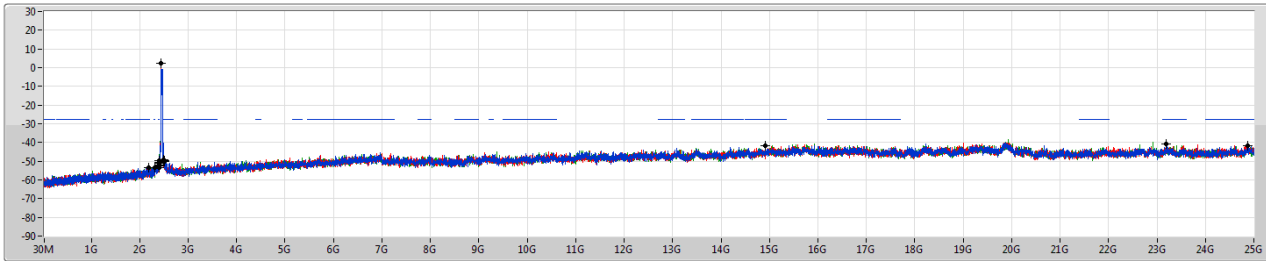


802.11n HT40_Nss1,(MCS0)_3TX

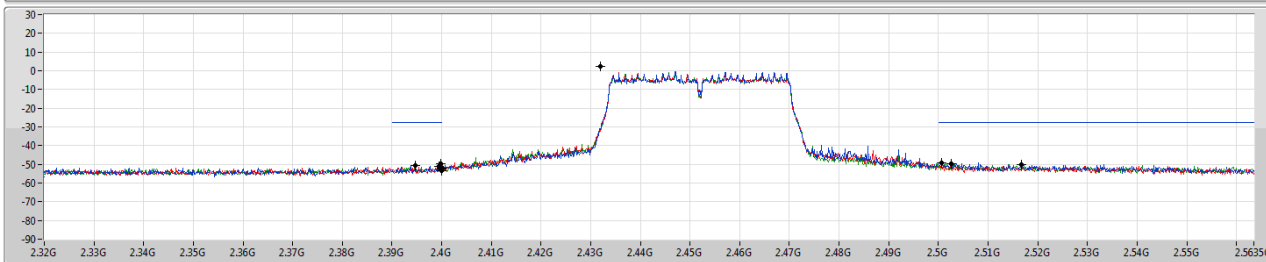
CSEndB

2452MHz

06/07/2022



Port 1 
 Port 2 
 Port 3 



RBW (Hz)
 VBW (Hz)
 Detector

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
2.4319G	2.18	-27.82	2.17573G	-53.21	2.39984G	-49.91	2.4G	-52.00	2.50062G	-49.26	23.18545G	-41.00	1
2.4319G	2.18	-27.82	2.3097G	-53.56	2.39952G	-51.31	2.4G	-52.59	2.51678G	-50.36	24.8766G	-41.52	2
2.4319G	2.18	-27.82	2.1826G	-53.57	2.39472G	-50.68	2.4G	-53.56	2.50254G	-49.47	14.90638G	-41.72	3



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	-	-	-	-	-	-	-	-	-	-	-
802.11n HT40_Nss1,(MCS0)_3TX	Pass	PK	732.28M	42.47	46.00	-3.53	3	Horizontal	360	1.00	-

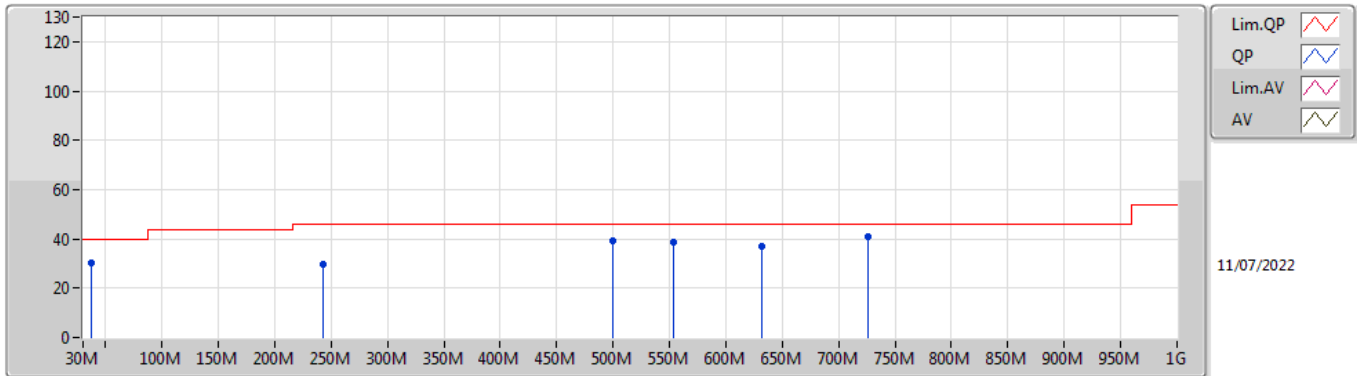


Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11n HT40_Nss1 (MCS0)_3TX	-	-	-	-	-	-	-	-	-	-	-
2437MHz	Pass	PK	37.76M	30.30	40.00	-9.70	3	Vertical	0	1.00	-
2437MHz	Pass	PK	243.4M	29.60	46.00	-16.40	3	Vertical	0	1.00	-
2437MHz	Pass	PK	499.48M	39.06	46.00	-6.94	3	Vertical	0	1.00	-
2437MHz	Pass	PK	553.8M	38.49	46.00	-7.51	3	Vertical	0	1.00	-
2437MHz	Pass	PK	631.4M	36.86	46.00	-9.14	3	Vertical	0	1.00	-
2437MHz	Pass	PK	726.46M	41.05	46.00	-4.95	3	Vertical	0	1.00	-
2437MHz	Pass	PK	194.9M	32.27	43.50	-11.23	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	249.22M	34.09	46.00	-11.91	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	423.82M	34.35	46.00	-11.65	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	559.62M	34.78	46.00	-11.22	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	633.34M	35.36	46.00	-10.64	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	732.28M	42.47	46.00	-3.53	3	Horizontal	360	1.00	-

802.11n HT40_Nss1,(MCS0)_3TX

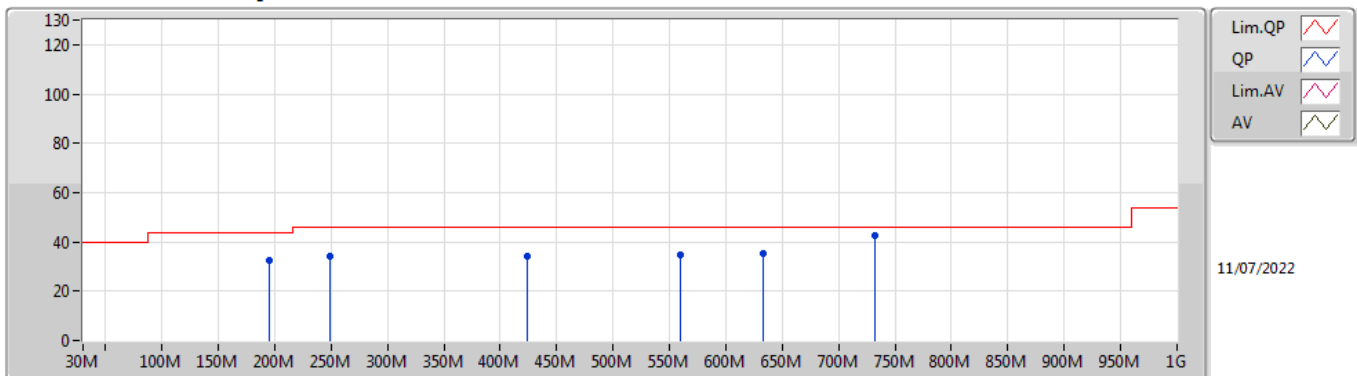
2437MHz_Adapter



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	37.76M	30.30	40.00	-9.70	-7.34	3	Vertical	0	1.00	-	37.64	19.20	0.99	27.53
PK	243.4M	29.60	46.00	-16.40	-7.36	3	Vertical	0	1.00	-	36.96	16.76	2.59	26.71
PK	499.48M	39.06	46.00	-6.94	-1.28	3	Vertical	0	1.00	-	40.34	22.68	3.81	27.77
PK	553.8M	38.49	46.00	-7.51	0.23	3	Vertical	0	1.00	-	38.26	24.23	3.99	27.99
PK	631.4M	36.86	46.00	-9.14	0.39	3	Vertical	0	1.00	-	36.47	24.07	4.32	28.00
PK	726.46M	41.05	46.00	-4.95	1.50	3	Vertical	0	1.00	-	39.55	24.66	4.65	27.81

802.11n HT40_Nss1,(MCS0)_3TX

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	194.9M	32.27	43.50	-11.23	-10.34	3	Horizontal	360	1.00	-	42.61	14.26	2.32	26.92
PK	249.22M	34.09	46.00	-11.91	-6.61	3	Horizontal	360	1.00	-	40.70	17.44	2.63	26.68
PK	423.82M	34.35	46.00	-11.65	-2.09	3	Horizontal	360	1.00	-	36.44	21.80	3.48	27.37
PK	559.62M	34.78	46.00	-11.22	0.19	3	Horizontal	360	1.00	-	34.59	24.15	4.02	27.98
PK	633.34M	35.36	46.00	-10.64	0.40	3	Horizontal	360	1.00	-	34.96	24.07	4.33	28.00
PK	732.28M	42.47	46.00	-3.53	1.68	3	Horizontal	360	1.00	-	40.79	24.80	4.67	27.79



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)_1TX	Pass	AV	2.486G	53.48	54.00	-0.52	3	Vertical	78	1.48	-
802.11b_Nss1,(1Mbps)_3TX	Pass	AV	2.4835G	53.72	54.00	-0.28	3	Horizontal	57	1.75	-
802.11g_Nss1,(6Mbps)_3TX	Pass	AV	2.39G	53.49	54.00	-0.51	3	Horizontal	52	1.70	-
802.11n HT20_Nss1,(MCS0)_3TX	Pass	PK	2.3894G	73.87	74.00	-0.13	3	Horizontal	51	1.43	-
802.11n HT40_Nss1,(MCS0)_3TX	Pass	AV	2.39G	53.94	54.00	-0.06	3	Horizontal	54	1.49	-



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)_1TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3862G	52.98	54.00	-1.02	3	Vertical	75	1.55	-
2412MHz	Pass	AV	2.4112G	103.92	Inf	-Inf	3	Vertical	75	1.55	-
2412MHz	Pass	PK	2.3866G	62.40	74.00	-11.60	3	Vertical	75	1.55	-
2412MHz	Pass	PK	2.4122G	112.56	Inf	-Inf	3	Vertical	75	1.55	-
2412MHz	Pass	AV	2.3862G	52.98	54.00	-1.02	3	Horizontal	53	1.71	-
2412MHz	Pass	AV	2.4112G	103.27	Inf	-Inf	3	Horizontal	53	1.71	-
2412MHz	Pass	PK	2.3864G	62.61	74.00	-11.39	3	Horizontal	53	1.71	-
2412MHz	Pass	PK	2.4118G	111.83	Inf	-Inf	3	Horizontal	53	1.71	-
2412MHz	Pass	AV	4.82396G	33.51	54.00	-20.49	3	Vertical	77	1.30	-
2412MHz	Pass	PK	4.82172G	44.73	74.00	-29.27	3	Vertical	77	1.30	-
2412MHz	Pass	AV	4.82399G	35.18	54.00	-18.82	3	Horizontal	40	1.50	-
2412MHz	Pass	PK	4.82378G	45.42	74.00	-28.58	3	Horizontal	40	1.50	-
2417MHz	Pass	AV	2.3886G	53.36	54.00	-0.64	3	Vertical	86	1.19	-
2417MHz	Pass	AV	2.4178G	104.18	Inf	-Inf	3	Vertical	86	1.19	-
2417MHz	Pass	PK	2.3882G	62.59	74.00	-11.41	3	Vertical	86	1.19	-
2417MHz	Pass	PK	2.4168G	112.85	Inf	-Inf	3	Vertical	86	1.19	-
2417MHz	Pass	AV	2.3886G	52.76	54.00	-1.24	3	Horizontal	52	1.59	-
2417MHz	Pass	AV	2.4162G	102.86	Inf	-Inf	3	Horizontal	52	1.59	-
2417MHz	Pass	PK	2.3882G	61.83	74.00	-12.17	3	Horizontal	52	1.59	-
2417MHz	Pass	PK	2.4172G	111.48	Inf	-Inf	3	Horizontal	52	1.59	-
2437MHz	Pass	AV	2.383G	49.74	54.00	-4.26	3	Vertical	76	1.39	-
2437MHz	Pass	AV	2.4362G	107.31	Inf	-Inf	3	Vertical	76	1.39	-
2437MHz	Pass	AV	2.4922G	51.78	54.00	-2.22	3	Vertical	76	1.39	-
2437MHz	Pass	PK	2.3822G	60.80	74.00	-13.20	3	Vertical	76	1.39	-
2437MHz	Pass	PK	2.437G	115.75	Inf	-Inf	3	Vertical	76	1.39	-
2437MHz	Pass	PK	2.499G	62.54	74.00	-11.46	3	Vertical	76	1.39	-
2437MHz	Pass	AV	2.3898G	49.61	54.00	-4.39	3	Horizontal	53	1.46	-
2437MHz	Pass	AV	2.4362G	106.98	Inf	-Inf	3	Horizontal	53	1.46	-
2437MHz	Pass	AV	2.4922G	50.78	54.00	-3.22	3	Horizontal	53	1.46	-
2437MHz	Pass	PK	2.3822G	60.80	74.00	-13.20	3	Horizontal	53	1.46	-
2437MHz	Pass	PK	2.437G	112.54	Inf	-Inf	3	Horizontal	53	1.46	-
2437MHz	Pass	PK	2.491G	62.00	74.00	-12.00	3	Horizontal	53	1.46	-
2437MHz	Pass	AV	4.87392G	33.14	54.00	-20.86	3	Vertical	113	1.45	-
2437MHz	Pass	PK	4.874G	44.55	74.00	-29.45	3	Vertical	113	1.45	-
2437MHz	Pass	AV	4.87398G	35.09	54.00	-18.91	3	Horizontal	43	1.61	-
2437MHz	Pass	PK	4.87418G	45.69	74.00	-28.31	3	Horizontal	43	1.61	-
2457MHz	Pass	AV	2.4598G	104.04	Inf	-Inf	3	Vertical	78	1.48	-
2457MHz	Pass	AV	2.486G	53.48	54.00	-0.52	3	Vertical	78	1.48	-
2457MHz	Pass	PK	2.4572G	112.58	Inf	-Inf	3	Vertical	78	1.48	-
2457MHz	Pass	PK	2.4835G	62.97	74.00	-11.03	3	Vertical	78	1.48	-
2457MHz	Pass	AV	2.4542G	102.59	Inf	-Inf	3	Horizontal	56	1.37	-
2457MHz	Pass	AV	2.4856G	52.79	54.00	-1.21	3	Horizontal	56	1.37	-
2457MHz	Pass	PK	2.457G	111.15	Inf	-Inf	3	Horizontal	56	1.37	-
2457MHz	Pass	PK	2.4852G	62.89	74.00	-11.11	3	Horizontal	56	1.37	-
2462MHz	Pass	AV	2.4612G	103.87	Inf	-Inf	3	Vertical	79	1.49	-
2462MHz	Pass	AV	2.4878G	53.09	54.00	-0.91	3	Vertical	79	1.49	-
2462MHz	Pass	PK	2.462G	112.55	Inf	-Inf	3	Vertical	79	1.49	-
2462MHz	Pass	PK	2.4838G	63.47	74.00	-10.53	3	Vertical	79	1.49	-
2462MHz	Pass	AV	2.4648G	102.23	Inf	-Inf	3	Horizontal	54	1.26	-
2462MHz	Pass	AV	2.4876G	52.24	54.00	-1.76	3	Horizontal	54	1.26	-
2462MHz	Pass	PK	2.4614G	109.35	Inf	-Inf	3	Horizontal	54	1.26	-
2462MHz	Pass	PK	2.4908G	63.04	74.00	-10.96	3	Horizontal	54	1.26	-
2462MHz	Pass	AV	4.92389G	33.95	54.00	-20.05	3	Vertical	77	1.02	-
2462MHz	Pass	PK	4.92375G	45.89	74.00	-28.11	3	Vertical	77	1.02	-
2462MHz	Pass	AV	4.92401G	35.49	54.00	-18.51	3	Horizontal	33	1.47	-
2462MHz	Pass	PK	4.92379G	46.25	74.00	-27.75	3	Horizontal	33	1.47	-
802.11b_Nss1,(1Mbps)_3TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.386G	51.37	54.00	-2.63	3	Vertical	103	1.16	-
2412MHz	Pass	AV	2.4148G	105.87	Inf	-Inf	3	Vertical	103	1.16	-
2412MHz	Pass	PK	2.3864G	61.45	74.00	-12.55	3	Vertical	103	1.16	-



RSE TX above 1GHz

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	PK	2.412G	111.28	Inf	-Inf	3	Vertical	103	1.16	-
2412MHz	Pass	AV	2.3868G	52.73	54.00	-1.27	3	Horizontal	49	1.45	-
2412MHz	Pass	AV	2.4094G	109.26	Inf	-Inf	3	Horizontal	49	1.45	-
2412MHz	Pass	PK	2.3872G	63.45	74.00	-10.55	3	Horizontal	49	1.45	-
2412MHz	Pass	PK	2.412G	113.39	Inf	-Inf	3	Horizontal	49	1.45	-
2412MHz	Pass	AV	4.82396G	43.15	54.00	-10.85	3	Vertical	275	1.50	-
2412MHz	Pass	PK	4.82396G	48.49	74.00	-25.51	3	Vertical	275	1.50	-
2412MHz	Pass	AV	4.82401G	44.23	54.00	-9.77	3	Horizontal	260	2.26	-
2412MHz	Pass	PK	4.82392G	48.87	74.00	-25.13	3	Horizontal	260	2.26	-
2417MHz	Pass	AV	2.388G	49.42	54.00	-4.58	3	Vertical	120	1.20	-
2417MHz	Pass	AV	2.4198G	105.60	Inf	-Inf	3	Vertical	120	1.20	-
2417MHz	Pass	PK	2.3896G	60.15	74.00	-13.85	3	Vertical	120	1.20	-
2417MHz	Pass	PK	2.4162G	111.02	Inf	-Inf	3	Vertical	120	1.20	-
2417MHz	Pass	AV	2.3882G	52.76	54.00	-1.24	3	Horizontal	231	1.88	-
2417MHz	Pass	AV	2.4162G	111.52	Inf	-Inf	3	Horizontal	231	1.88	-
2417MHz	Pass	PK	2.3878G	62.95	74.00	-11.05	3	Horizontal	231	1.88	-
2417MHz	Pass	PK	2.417G	120.21	Inf	-Inf	3	Horizontal	231	1.88	-
2437MHz	Pass	AV	2.3866G	50.60	54.00	-3.40	3	Vertical	93	1.30	-
2437MHz	Pass	AV	2.4378G	110.24	Inf	-Inf	3	Vertical	93	1.30	-
2437MHz	Pass	AV	2.4842G	51.27	54.00	-2.73	3	Vertical	93	1.30	-
2437MHz	Pass	PK	2.3786G	60.13	74.00	-13.87	3	Vertical	93	1.30	-
2437MHz	Pass	PK	2.4382G	114.48	Inf	-Inf	3	Vertical	93	1.30	-
2437MHz	Pass	PK	2.4998G	61.38	74.00	-12.62	3	Vertical	93	1.30	-
2437MHz	Pass	AV	2.3894G	53.37	54.00	-0.63	3	Horizontal	51	1.49	-
2437MHz	Pass	AV	2.4342G	113.86	Inf	-Inf	3	Horizontal	51	1.49	-
2437MHz	Pass	AV	2.4846G	52.37	54.00	-1.63	3	Horizontal	51	1.49	-
2437MHz	Pass	PK	2.3894G	62.31	74.00	-11.69	3	Horizontal	51	1.49	-
2437MHz	Pass	PK	2.4362G	117.29	Inf	-Inf	3	Horizontal	51	1.49	-
2437MHz	Pass	PK	2.4914G	62.38	74.00	-11.62	3	Horizontal	51	1.49	-
2437MHz	Pass	AV	4.87398G	46.78	54.00	-7.22	3	Vertical	293	1.66	-
2437MHz	Pass	PK	4.87393G	50.84	74.00	-23.16	3	Vertical	293	1.66	-
2437MHz	Pass	AV	4.87395G	47.38	54.00	-6.62	3	Horizontal	256	2.26	-
2437MHz	Pass	PK	4.87403G	51.14	74.00	-22.86	3	Horizontal	256	2.26	-
2457MHz	Pass	AV	2.4562G	106.30	Inf	-Inf	3	Vertical	136	1.55	-
2457MHz	Pass	AV	2.4852G	50.02	54.00	-3.98	3	Vertical	136	1.55	-
2457MHz	Pass	PK	2.4572G	114.64	Inf	-Inf	3	Vertical	136	1.55	-
2457MHz	Pass	PK	2.486G	60.79	74.00	-13.21	3	Vertical	136	1.55	-
2457MHz	Pass	AV	2.4578G	109.55	Inf	-Inf	3	Horizontal	57	1.75	-
2457MHz	Pass	AV	2.4835G	53.72	54.00	-0.28	3	Horizontal	57	1.75	-
2457MHz	Pass	PK	2.4564G	115.75	Inf	-Inf	3	Horizontal	57	1.75	-
2457MHz	Pass	PK	2.486G	64.35	74.00	-9.65	3	Horizontal	57	1.75	-
2462MHz	Pass	AV	2.4592G	105.83	Inf	-Inf	3	Vertical	105	1.50	-
2462MHz	Pass	AV	2.4872G	50.94	54.00	-3.06	3	Vertical	105	1.50	-
2462MHz	Pass	PK	2.4632G	110.01	Inf	-Inf	3	Vertical	105	1.50	-
2462MHz	Pass	PK	2.4912G	62.56	74.00	-11.44	3	Vertical	105	1.50	-
2462MHz	Pass	AV	2.4612G	109.09	Inf	-Inf	3	Horizontal	53	1.35	-
2462MHz	Pass	AV	2.488G	53.23	54.00	-0.77	3	Horizontal	53	1.35	-
2462MHz	Pass	PK	2.4626G	112.52	Inf	-Inf	3	Horizontal	53	1.35	-
2462MHz	Pass	PK	2.4866G	64.24	74.00	-9.76	3	Horizontal	53	1.35	-
2462MHz	Pass	AV	4.92396G	34.98	54.00	-19.02	3	Vertical	274	1.43	-
2462MHz	Pass	PK	4.9232G	45.07	74.00	-28.93	3	Vertical	274	1.43	-
2462MHz	Pass	AV	4.92404G	36.20	54.00	-17.80	3	Horizontal	249	2.31	-
2462MHz	Pass	PK	4.92444G	45.39	74.00	-28.61	3	Horizontal	249	2.31	-
802.11g_Nss1,(6Mbps)_3TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	51.11	54.00	-2.89	3	Vertical	107	1.49	-
2412MHz	Pass	AV	2.4156G	101.44	Inf	-Inf	3	Vertical	107	1.49	-
2412MHz	Pass	PK	2.39G	68.90	74.00	-5.10	3	Vertical	107	1.49	-
2412MHz	Pass	PK	2.4188G	109.14	Inf	-Inf	3	Vertical	107	1.49	-
2412MHz	Pass	AV	2.39G	53.49	54.00	-0.51	3	Horizontal	52	1.70	-
2412MHz	Pass	AV	2.4052G	104.47	Inf	-Inf	3	Horizontal	52	1.70	-
2412MHz	Pass	PK	2.389G	71.20	74.00	-2.80	3	Horizontal	52	1.70	-
2412MHz	Pass	PK	2.408G	113.07	Inf	-Inf	3	Horizontal	52	1.70	-



Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2412MHz	Pass	AV	4.84384G	34.12	54.00	-19.88	3	Vertical	212	1.00	-
2412MHz	Pass	PK	4.84376G	44.42	74.00	-29.58	3	Vertical	212	1.00	-
2412MHz	Pass	AV	4.84376G	35.89	54.00	-18.11	3	Horizontal	218	1.39	-
2412MHz	Pass	PK	4.84392G	44.96	74.00	-29.04	3	Horizontal	218	1.39	-
2417MHz	Pass	AV	2.39G	51.11	54.00	-2.89	3	Vertical	107	1.58	-
2417MHz	Pass	AV	2.4102G	103.05	Inf	-Inf	3	Vertical	107	1.58	-
2417MHz	Pass	PK	2.3896G	67.84	74.00	-6.16	3	Vertical	107	1.58	-
2417MHz	Pass	PK	2.4134G	110.85	Inf	-Inf	3	Vertical	107	1.58	-
2417MHz	Pass	AV	2.3892G	53.01	54.00	-0.99	3	Horizontal	50	1.48	-
2417MHz	Pass	AV	2.4244G	106.25	Inf	-Inf	3	Horizontal	50	1.48	-
2417MHz	Pass	PK	2.39G	69.61	74.00	-4.39	3	Horizontal	50	1.48	-
2417MHz	Pass	PK	2.424G	114.38	Inf	-Inf	3	Horizontal	50	1.48	-
2437MHz	Pass	AV	2.3894G	50.47	54.00	-3.53	3	Vertical	101	1.04	-
2437MHz	Pass	AV	2.4442G	107.39	Inf	-Inf	3	Vertical	101	1.04	-
2437MHz	Pass	AV	2.4835G	51.42	54.00	-2.58	3	Vertical	101	1.04	-
2437MHz	Pass	PK	2.3834G	66.83	74.00	-7.17	3	Vertical	101	1.04	-
2437MHz	Pass	PK	2.4442G	115.42	Inf	-Inf	3	Vertical	101	1.04	-
2437MHz	Pass	PK	2.4835G	69.79	74.00	-4.21	3	Vertical	101	1.04	-
2437MHz	Pass	AV	2.3898G	51.97	54.00	-2.03	3	Horizontal	52	1.45	-
2437MHz	Pass	AV	2.4442G	110.02	Inf	-Inf	3	Horizontal	52	1.45	-
2437MHz	Pass	AV	2.4838G	53.46	54.00	-0.54	3	Horizontal	52	1.45	-
2437MHz	Pass	PK	2.389G	69.75	74.00	-4.25	3	Horizontal	52	1.45	-
2437MHz	Pass	PK	2.4438G	118.11	Inf	-Inf	3	Horizontal	52	1.45	-
2437MHz	Pass	PK	2.4838G	72.26	74.00	-1.74	3	Horizontal	52	1.45	-
2437MHz	Pass	AV	4.87504G	34.27	54.00	-19.73	3	Vertical	280	1.50	-
2437MHz	Pass	PK	4.8672G	45.89	74.00	-28.11	3	Vertical	280	1.50	-
2437MHz	Pass	AV	4.87288G	34.45	54.00	-19.55	3	Horizontal	260	2.26	-
2437MHz	Pass	PK	4.86152G	46.20	74.00	-27.80	3	Horizontal	260	2.26	-
2457MHz	Pass	AV	2.4638G	102.40	Inf	-Inf	3	Vertical	109	1.50	-
2457MHz	Pass	AV	2.4835G	51.26	54.00	-2.74	3	Vertical	109	1.50	-
2457MHz	Pass	PK	2.4604G	110.50	Inf	-Inf	3	Vertical	109	1.50	-
2457MHz	Pass	PK	2.4838G	67.88	74.00	-6.12	3	Vertical	109	1.50	-
2457MHz	Pass	AV	2.4498G	104.81	Inf	-Inf	3	Horizontal	107	2.08	-
2457MHz	Pass	AV	2.4835G	53.20	54.00	-0.80	3	Horizontal	107	2.08	-
2457MHz	Pass	PK	2.4502G	113.38	Inf	-Inf	3	Horizontal	107	2.08	-
2457MHz	Pass	PK	2.4836G	71.85	74.00	-2.15	3	Horizontal	107	2.08	-
2462MHz	Pass	AV	2.469G	101.23	Inf	-Inf	3	Vertical	105	1.21	-
2462MHz	Pass	AV	2.4836G	50.56	54.00	-3.44	3	Vertical	105	1.21	-
2462MHz	Pass	PK	2.4658G	109.26	Inf	-Inf	3	Vertical	105	1.21	-
2462MHz	Pass	PK	2.4848G	70.41	74.00	-3.59	3	Vertical	105	1.21	-
2462MHz	Pass	AV	2.4546G	105.06	Inf	-Inf	3	Horizontal	234	2.80	-
2462MHz	Pass	AV	2.4848G	51.91	54.00	-2.09	3	Horizontal	234	2.80	-
2462MHz	Pass	PK	2.455G	113.01	Inf	-Inf	3	Horizontal	234	2.80	-
2462MHz	Pass	PK	2.4836G	72.28	74.00	-1.72	3	Horizontal	234	2.80	-
2462MHz	Pass	AV	4.93864G	32.71	54.00	-21.29	3	Vertical	76	1.50	-
2462MHz	Pass	PK	4.92872G	44.60	74.00	-29.40	3	Vertical	76	1.50	-
2462MHz	Pass	AV	4.92392G	32.84	54.00	-21.16	3	Horizontal	264	1.50	-
2462MHz	Pass	PK	4.90472G	44.55	74.00	-29.45	3	Horizontal	264	1.50	-
802.11n HT20_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	50.64	54.00	-3.36	3	Vertical	108	1.50	-
2412MHz	Pass	AV	2.4154G	100.45	Inf	-Inf	3	Vertical	108	1.50	-
2412MHz	Pass	PK	2.389G	66.24	74.00	-7.76	3	Vertical	108	1.50	-
2412MHz	Pass	PK	2.4192G	108.42	Inf	-Inf	3	Vertical	108	1.50	-
2412MHz	Pass	AV	2.39G	53.72	54.00	-0.28	3	Horizontal	50	1.71	-
2412MHz	Pass	AV	2.4052G	103.78	Inf	-Inf	3	Horizontal	50	1.71	-
2412MHz	Pass	PK	2.389G	71.15	74.00	-2.85	3	Horizontal	50	1.71	-
2412MHz	Pass	PK	2.4086G	112.17	Inf	-Inf	3	Horizontal	50	1.71	-
2412MHz	Pass	AV	4.84392G	34.38	54.00	-19.62	3	Vertical	215	1.37	-
2412MHz	Pass	PK	4.84384G	43.89	74.00	-30.11	3	Vertical	215	1.37	-
2412MHz	Pass	AV	4.84384G	35.84	54.00	-18.16	3	Horizontal	218	1.40	-
2412MHz	Pass	PK	4.80624G	44.34	74.00	-29.66	3	Horizontal	218	1.40	-
2417MHz	Pass	AV	2.3898G	51.26	54.00	-2.74	3	Vertical	108	1.55	-



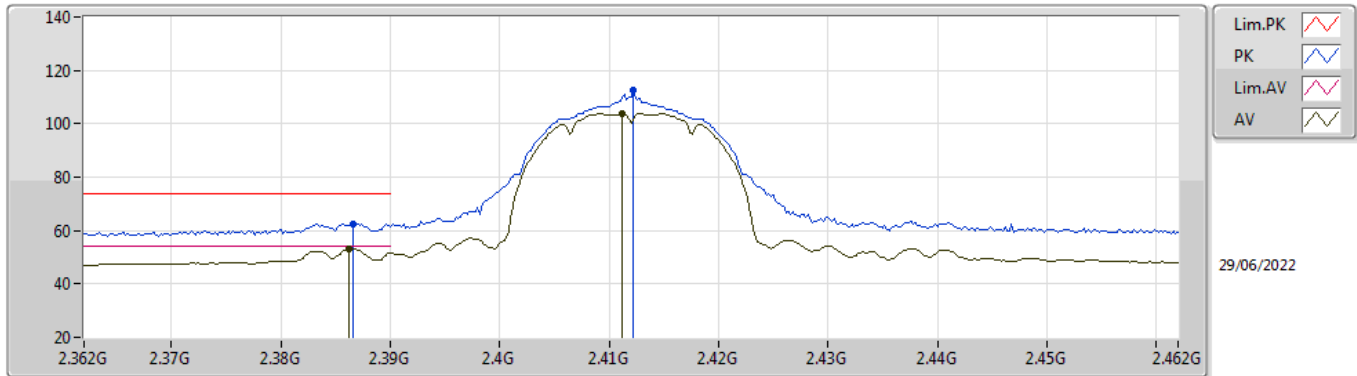
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2417MHz	Pass	AV	2.41G	102.77	Inf	-Inf	3	Vertical	108	1.55	-
2417MHz	Pass	PK	2.389G	70.70	74.00	-3.30	3	Vertical	108	1.55	-
2417MHz	Pass	PK	2.4138G	110.42	Inf	-Inf	3	Vertical	108	1.55	-
2417MHz	Pass	AV	2.3896G	53.71	54.00	-0.29	3	Horizontal	51	1.49	-
2417MHz	Pass	AV	2.424G	105.94	Inf	-Inf	3	Horizontal	51	1.49	-
2417MHz	Pass	PK	2.3882G	71.27	74.00	-2.73	3	Horizontal	51	1.49	-
2417MHz	Pass	PK	2.4242G	113.44	Inf	-Inf	3	Horizontal	51	1.49	-
2437MHz	Pass	AV	2.3886G	51.25	54.00	-2.75	3	Vertical	102	1.11	-
2437MHz	Pass	AV	2.4302G	106.93	Inf	-Inf	3	Vertical	102	1.11	-
2437MHz	Pass	AV	2.4835G	52.65	54.00	-1.35	3	Vertical	102	1.11	-
2437MHz	Pass	PK	2.3882G	69.06	74.00	-4.94	3	Vertical	102	1.11	-
2437MHz	Pass	PK	2.4438G	115.38	Inf	-Inf	3	Vertical	102	1.11	-
2437MHz	Pass	PK	2.4858G	70.07	74.00	-3.93	3	Vertical	102	1.11	-
2437MHz	Pass	AV	2.3898G	52.51	54.00	-1.49	3	Horizontal	51	1.43	-
2437MHz	Pass	AV	2.4446G	109.40	Inf	-Inf	3	Horizontal	51	1.43	-
2437MHz	Pass	AV	2.4842G	53.47	54.00	-0.53	3	Horizontal	51	1.43	-
2437MHz	Pass	PK	2.3894G	73.87	74.00	-0.13	3	Horizontal	51	1.43	-
2437MHz	Pass	PK	2.4442G	117.76	Inf	-Inf	3	Horizontal	51	1.43	-
2437MHz	Pass	PK	2.4838G	73.44	74.00	-0.56	3	Horizontal	51	1.43	-
2437MHz	Pass	AV	4.87048G	33.75	54.00	-20.25	3	Vertical	287	2.30	-
2437MHz	Pass	PK	4.87408G	45.94	74.00	-28.06	3	Vertical	287	2.30	-
2437MHz	Pass	AV	4.87056G	33.89	54.00	-20.11	3	Horizontal	246	2.30	-
2437MHz	Pass	PK	4.87376G	46.46	74.00	-27.54	3	Horizontal	246	2.30	-
2457MHz	Pass	AV	2.464G	102.27	Inf	-Inf	3	Vertical	108	1.50	-
2457MHz	Pass	AV	2.4835G	51.26	54.00	-2.74	3	Vertical	108	1.50	-
2457MHz	Pass	PK	2.4638G	110.94	Inf	-Inf	3	Vertical	108	1.50	-
2457MHz	Pass	PK	2.4846G	68.28	74.00	-5.72	3	Vertical	108	1.50	-
2457MHz	Pass	AV	2.464G	106.11	Inf	-Inf	3	Horizontal	65	2.04	-
2457MHz	Pass	AV	2.4835G	53.59	54.00	-0.41	3	Horizontal	65	2.04	-
2457MHz	Pass	PK	2.4642G	114.02	Inf	-Inf	3	Horizontal	65	2.04	-
2457MHz	Pass	PK	2.4842G	71.20	74.00	-2.80	3	Horizontal	65	2.04	-
2462MHz	Pass	AV	2.4686G	101.02	Inf	-Inf	3	Vertical	105	1.27	-
2462MHz	Pass	AV	2.4835G	50.56	54.00	-3.44	3	Vertical	105	1.27	-
2462MHz	Pass	PK	2.4692G	109.22	Inf	-Inf	3	Vertical	105	1.27	-
2462MHz	Pass	PK	2.484G	71.90	74.00	-2.10	3	Vertical	105	1.27	-
2462MHz	Pass	AV	2.4652G	104.33	Inf	-Inf	3	Horizontal	59	2.03	-
2462MHz	Pass	AV	2.4835G	51.26	54.00	-2.74	3	Horizontal	59	2.03	-
2462MHz	Pass	PK	2.4694G	112.22	Inf	-Inf	3	Horizontal	59	2.03	-
2462MHz	Pass	PK	2.484G	72.33	74.00	-1.67	3	Horizontal	59	2.03	-
2462MHz	Pass	AV	4.94152G	32.63	54.00	-21.37	3	Vertical	30	1.62	-
2462MHz	Pass	PK	4.93736G	44.88	74.00	-29.12	3	Vertical	30	1.62	-
2462MHz	Pass	AV	4.9244G	32.86	54.00	-21.14	3	Horizontal	255	2.22	-
2462MHz	Pass	PK	4.92312G	45.17	74.00	-28.83	3	Horizontal	255	2.22	-
802.11n HT40_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	AV	2.39G	51.98	54.00	-2.02	3	Vertical	105	1.33	-
2422MHz	Pass	AV	2.4156G	95.51	Inf	-Inf	3	Vertical	105	1.33	-
2422MHz	Pass	AV	2.4984G	49.05	54.00	-4.95	3	Vertical	105	1.33	-
2422MHz	Pass	PK	2.3892G	63.29	74.00	-10.71	3	Vertical	105	1.33	-
2422MHz	Pass	PK	2.41G	103.41	Inf	-Inf	3	Vertical	105	1.33	-
2422MHz	Pass	PK	2.4916G	60.05	74.00	-13.95	3	Vertical	105	1.33	-
2422MHz	Pass	AV	2.39G	53.94	54.00	-0.06	3	Horizontal	54	1.49	-
2422MHz	Pass	AV	2.428G	98.52	Inf	-Inf	3	Horizontal	54	1.49	-
2422MHz	Pass	AV	2.4928G	49.24	54.00	-4.76	3	Horizontal	54	1.49	-
2422MHz	Pass	PK	2.39G	65.26	74.00	-8.74	3	Horizontal	54	1.49	-
2422MHz	Pass	PK	2.4288G	105.90	Inf	-Inf	3	Horizontal	54	1.49	-
2422MHz	Pass	PK	2.486G	60.21	74.00	-13.79	3	Horizontal	54	1.49	-
2422MHz	Pass	AV	4.8436G	34.56	54.00	-19.44	3	Vertical	84	2.67	-
2422MHz	Pass	PK	4.84376G	44.32	74.00	-29.68	3	Vertical	84	2.67	-
2422MHz	Pass	AV	4.84376G	36.36	54.00	-17.64	3	Horizontal	218	1.37	-
2422MHz	Pass	PK	4.84408G	44.96	74.00	-29.04	3	Horizontal	218	1.37	-
2427MHz	Pass	AV	2.3898G	51.83	54.00	-2.17	3	Vertical	104	1.06	-
2427MHz	Pass	AV	2.4426G	96.59	Inf	-Inf	3	Vertical	104	1.06	-



Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2427MHz	Pass	AV	2.4838G	49.61	54.00	-4.39	3	Vertical	104	1.06	-
2427MHz	Pass	PK	2.3874G	62.12	74.00	-11.88	3	Vertical	104	1.06	-
2427MHz	Pass	PK	2.4338G	104.75	Inf	-Inf	3	Vertical	104	1.06	-
2427MHz	Pass	PK	2.4842G	60.66	74.00	-13.34	3	Vertical	104	1.06	-
2427MHz	Pass	AV	2.3894G	53.83	54.00	-0.17	3	Horizontal	52	1.49	-
2427MHz	Pass	AV	2.4334G	99.89	Inf	-Inf	3	Horizontal	52	1.49	-
2427MHz	Pass	AV	2.4938G	49.86	54.00	-4.14	3	Horizontal	52	1.49	-
2427MHz	Pass	PK	2.389G	64.21	74.00	-9.79	3	Horizontal	52	1.49	-
2427MHz	Pass	PK	2.439G	107.74	Inf	-Inf	3	Horizontal	52	1.49	-
2427MHz	Pass	PK	2.4918G	60.97	74.00	-13.03	3	Horizontal	52	1.49	-
2437MHz	Pass	AV	2.3898G	51.10	54.00	-2.90	3	Vertical	103	1.05	-
2437MHz	Pass	AV	2.4358G	98.58	Inf	-Inf	3	Vertical	103	1.05	-
2437MHz	Pass	AV	2.4835G	52.21	54.00	-1.79	3	Vertical	103	1.05	-
2437MHz	Pass	PK	2.3878G	64.66	74.00	-9.34	3	Vertical	103	1.05	-
2437MHz	Pass	PK	2.4426G	106.76	Inf	-Inf	3	Vertical	103	1.05	-
2437MHz	Pass	PK	2.4838G	70.40	74.00	-3.60	3	Vertical	103	1.05	-
2437MHz	Pass	AV	2.3898G	52.51	54.00	-1.49	3	Horizontal	53	1.47	-
2437MHz	Pass	AV	2.4306G	101.49	Inf	-Inf	3	Horizontal	53	1.47	-
2437MHz	Pass	AV	2.4842G	53.60	54.00	-0.40	3	Horizontal	53	1.47	-
2437MHz	Pass	PK	2.3882G	66.80	74.00	-7.20	3	Horizontal	53	1.47	-
2437MHz	Pass	PK	2.443G	110.36	Inf	-Inf	3	Horizontal	53	1.47	-
2437MHz	Pass	PK	2.4842G	73.38	74.00	-0.62	3	Horizontal	53	1.47	-
2437MHz	Pass	AV	4.87464G	33.21	54.00	-20.79	3	Vertical	280	1.49	-
2437MHz	Pass	PK	4.86512G	44.65	74.00	-29.35	3	Vertical	280	1.49	-
2437MHz	Pass	AV	4.8672G	33.08	54.00	-20.92	3	Horizontal	261	1.50	-
2437MHz	Pass	PK	4.88496G	44.61	74.00	-29.39	3	Horizontal	261	1.50	-
2447MHz	Pass	AV	2.3838G	48.40	54.00	-5.60	3	Vertical	107	1.34	-
2447MHz	Pass	AV	2.453G	97.34	Inf	-Inf	3	Vertical	107	1.34	-
2447MHz	Pass	AV	2.4835G	52.06	54.00	-1.94	3	Vertical	107	1.34	-
2447MHz	Pass	PK	2.389G	59.92	74.00	-14.08	3	Vertical	107	1.34	-
2447MHz	Pass	PK	2.453G	105.09	Inf	-Inf	3	Vertical	107	1.34	-
2447MHz	Pass	PK	2.4842G	67.31	74.00	-6.69	3	Vertical	107	1.34	-
2447MHz	Pass	AV	2.3882G	48.65	54.00	-5.35	3	Horizontal	52	1.39	-
2447MHz	Pass	AV	2.4526G	100.30	Inf	-Inf	3	Horizontal	52	1.39	-
2447MHz	Pass	AV	2.4846G	53.85	54.00	-0.15	3	Horizontal	52	1.39	-
2447MHz	Pass	PK	2.3894G	60.14	74.00	-13.86	3	Horizontal	52	1.39	-
2447MHz	Pass	PK	2.4534G	108.01	Inf	-Inf	3	Horizontal	52	1.39	-
2447MHz	Pass	PK	2.485G	69.66	74.00	-4.34	3	Horizontal	52	1.39	-
2452MHz	Pass	AV	2.388G	48.23	54.00	-5.77	3	Vertical	108	1.50	-
2452MHz	Pass	AV	2.4584G	96.49	Inf	-Inf	3	Vertical	108	1.50	-
2452MHz	Pass	AV	2.4852G	51.91	54.00	-2.09	3	Vertical	108	1.50	-
2452MHz	Pass	PK	2.3656G	59.98	74.00	-14.02	3	Vertical	108	1.50	-
2452MHz	Pass	PK	2.4688G	104.29	Inf	-Inf	3	Vertical	108	1.50	-
2452MHz	Pass	PK	2.4868G	68.92	74.00	-5.08	3	Vertical	108	1.50	-
2452MHz	Pass	AV	2.3888G	48.45	54.00	-5.55	3	Horizontal	57	1.49	-
2452MHz	Pass	AV	2.446G	99.09	Inf	-Inf	3	Horizontal	57	1.49	-
2452MHz	Pass	AV	2.486G	53.61	54.00	-0.39	3	Horizontal	57	1.49	-
2452MHz	Pass	PK	2.3772G	59.05	74.00	-14.95	3	Horizontal	57	1.49	-
2452MHz	Pass	PK	2.4456G	106.88	Inf	-Inf	3	Horizontal	57	1.49	-
2452MHz	Pass	PK	2.4888G	72.05	74.00	-1.95	3	Horizontal	57	1.49	-
2452MHz	Pass	AV	4.9236G	33.09	54.00	-20.91	3	Vertical	118	1.59	-
2452MHz	Pass	PK	4.9004G	43.62	74.00	-30.38	3	Vertical	118	1.59	-
2452MHz	Pass	AV	4.92128G	33.13	54.00	-20.87	3	Horizontal	111	1.74	-
2452MHz	Pass	PK	4.91896G	43.58	74.00	-30.42	3	Horizontal	111	1.74	-

802.11b_Nss1,(1Mbps)_1TX

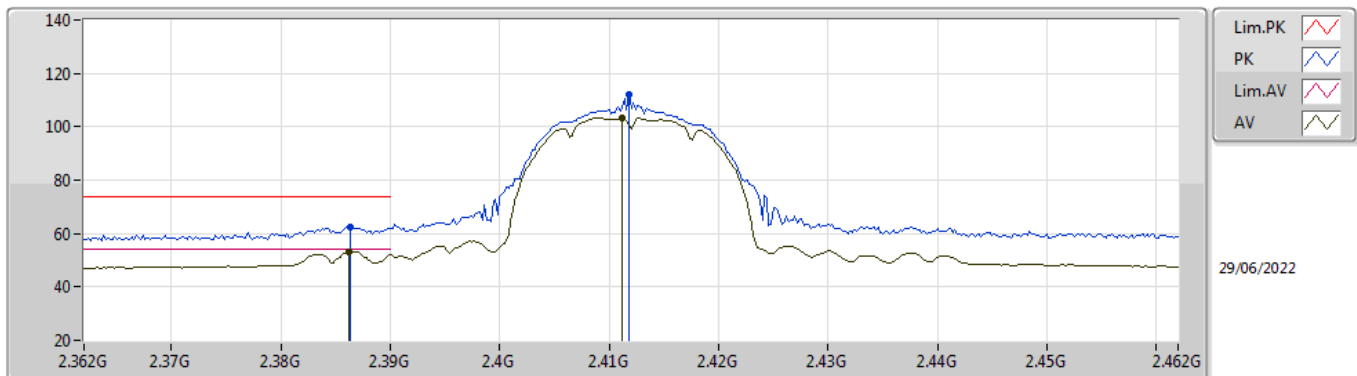
2412MHz_TX



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	2.3862G	52.98	54.00	-1.02	31.74	3	Vertical	75	1.55	-	21.24	27.37	4.37	-
AV	2.4112G	103.92	Inf	-Inf	31.84	3	Vertical	75	1.55	-	72.08	27.44	4.40	-
PK	2.3866G	62.40	74.00	-11.60	31.74	3	Vertical	75	1.55	-	30.66	27.37	4.37	-
PK	2.4122G	112.56	Inf	-Inf	31.85	3	Vertical	75	1.55	-	80.71	27.45	4.40	-

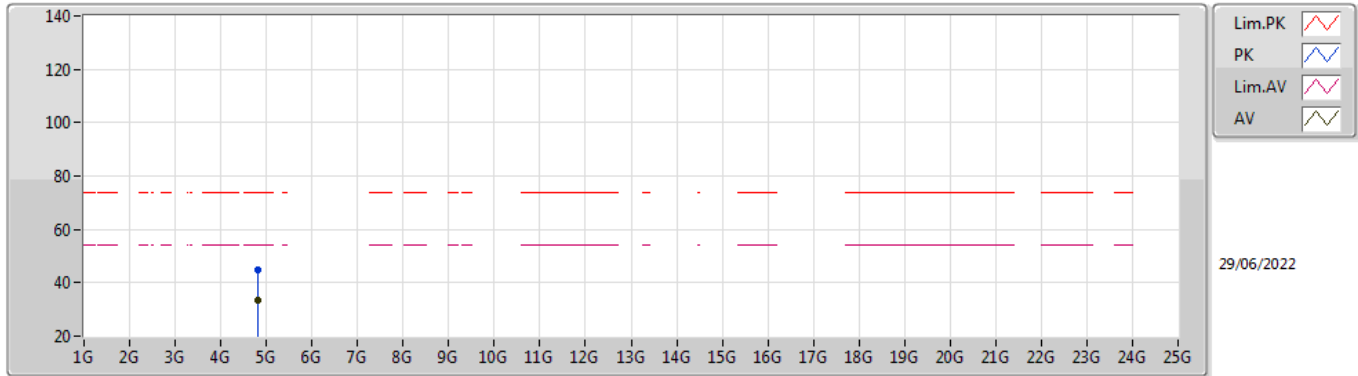
802.11b_Nss1,(1Mbps)_1TX

2412MHz_TX



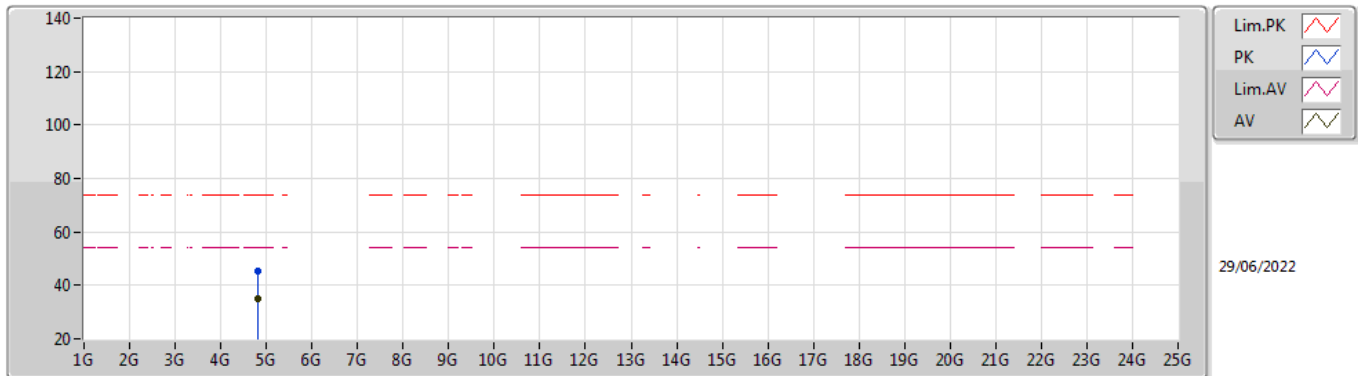
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3862G	52.98	54.00	-1.02	31.74	3	Horizontal	53	1.71	-	21.24	27.37	4.37	-
AV	2.4112G	103.27	Inf	-Inf	31.84	3	Horizontal	53	1.71	-	71.43	27.44	4.40	-
PK	2.3864G	62.61	74.00	-11.39	31.74	3	Horizontal	53	1.71	-	30.87	27.37	4.37	-
PK	2.4118G	111.83	Inf	-Inf	31.85	3	Horizontal	53	1.71	-	79.98	27.45	4.40	-

802.11b_Nss1,(1Mbps)_1TX
2412MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.82396G	33.51	54.00	-20.49	4.42	3	Vertical	77	1.30	-	29.09	32.60	6.27	34.45
PK	4.82172G	44.73	74.00	-29.27	4.41	3	Vertical	77	1.30	-	40.32	32.59	6.27	34.45

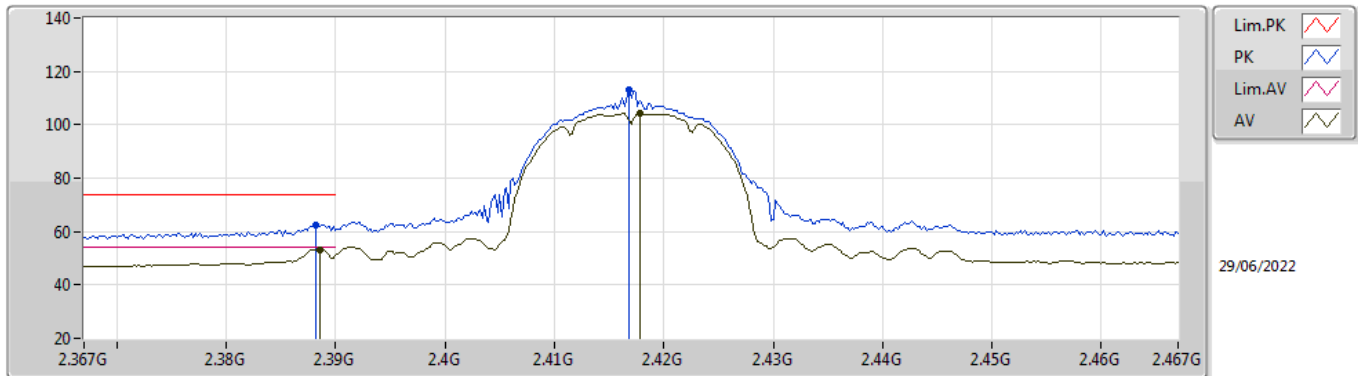
802.11b_Nss1,(1Mbps)_1TX
2412MHz_TX



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	4.82399G	35.18	54.00	-18.82	4.42	3	Horizontal	40	1.50	-	30.76	32.60	6.27	34.45
PK	4.82378G	45.42	74.00	-28.58	4.42	3	Horizontal	40	1.50	-	41.00	32.60	6.27	34.45

802.11b_Nss1,(1Mbps)_1TX

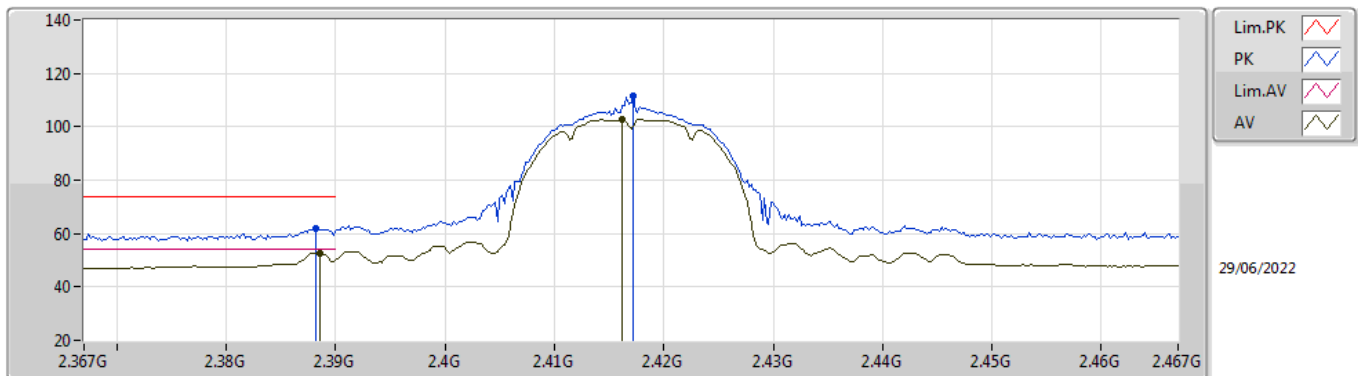
2417MHz_TX



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	2.3886G	53.36	54.00	-0.64	31.75	3	Vertical	86	1.19	-	21.61	27.38	4.37	-
AV	2.4178G	104.18	Inf	-Inf	31.88	3	Vertical	86	1.19	-	72.30	27.47	4.41	-
PK	2.3882G	62.59	74.00	-11.41	31.75	3	Vertical	86	1.19	-	30.84	27.38	4.37	-
PK	2.4168G	112.85	Inf	-Inf	31.87	3	Vertical	86	1.19	-	80.98	27.47	4.40	-

802.11b_Nss1,(1Mbps)_1TX

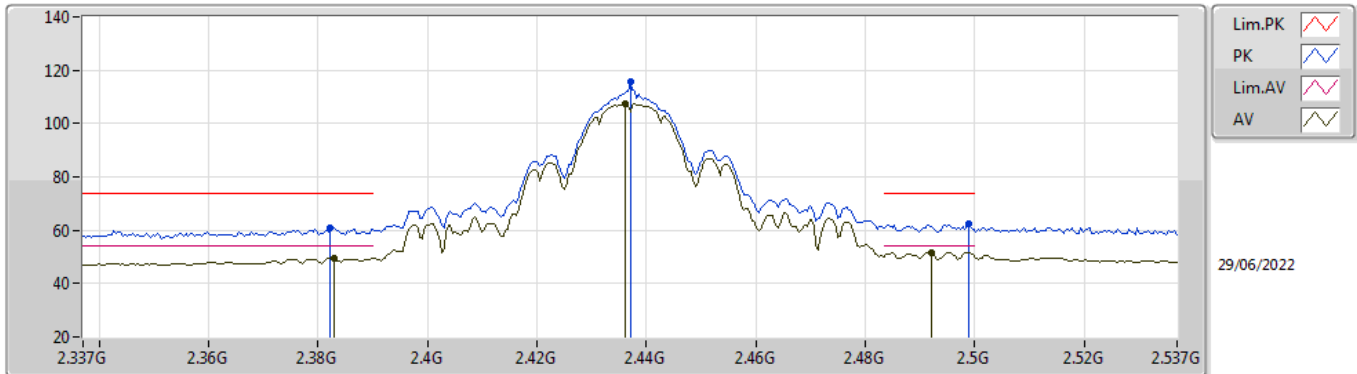
2417MHz_TX



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	2.3886G	52.76	54.00	-1.24	31.75	3	Horizontal	52	1.59	-	21.01	27.38	4.37	-
AV	2.4162G	102.86	Inf	-Inf	31.86	3	Horizontal	52	1.59	-	71.00	27.46	4.40	-
PK	2.3882G	61.83	74.00	-12.17	31.75	3	Horizontal	52	1.59	-	30.08	27.38	4.37	-
PK	2.4172G	111.48	Inf	-Inf	31.87	3	Horizontal	52	1.59	-	79.61	27.47	4.40	-

802.11b_Nss1,(1Mbps)_1TX

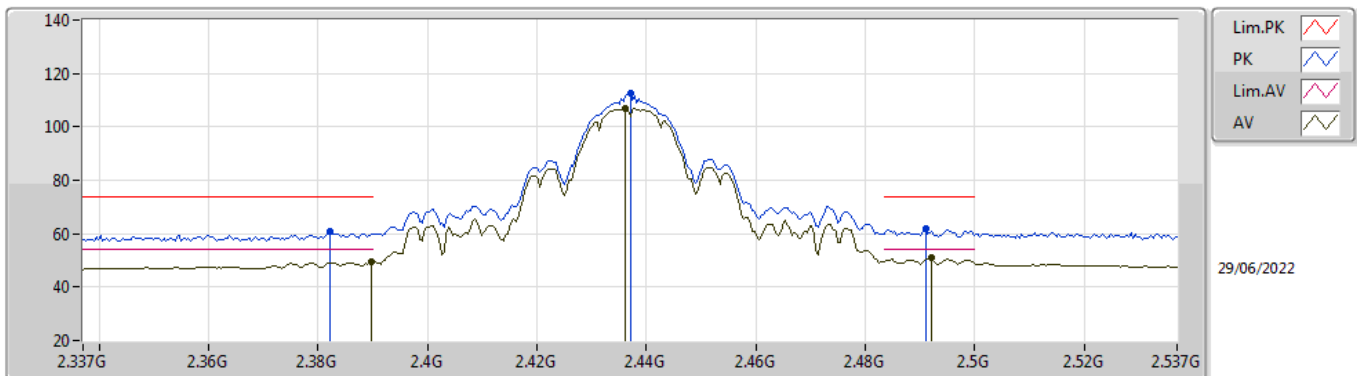
2437MHz_TX



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	2.383G	49.74	54.00	-4.26	31.73	3	Vertical	76	1.39	-	18.01	27.37	4.36	-
AV	2.4362G	107.31	Inf	-Inf	31.97	3	Vertical	76	1.39	-	75.34	27.54	4.43	-
AV	2.4922G	51.78	54.00	-2.22	32.36	3	Vertical	76	1.39	-	19.42	27.85	4.51	-
PK	2.3822G	60.80	74.00	-13.20	31.72	3	Vertical	76	1.39	-	29.08	27.36	4.36	-
PK	2.437G	115.75	Inf	-Inf	31.98	3	Vertical	76	1.39	-	83.77	27.55	4.43	-
PK	2.499G	62.54	74.00	-11.46	32.41	3	Vertical	76	1.39	-	30.13	27.89	4.52	-

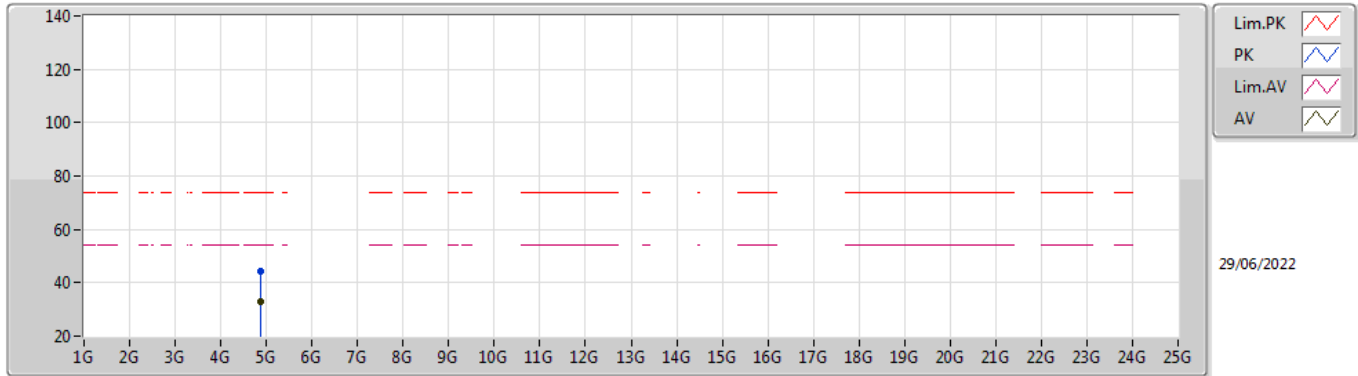
802.11b_Nss1,(1Mbps)_1TX

2437MHz_TX



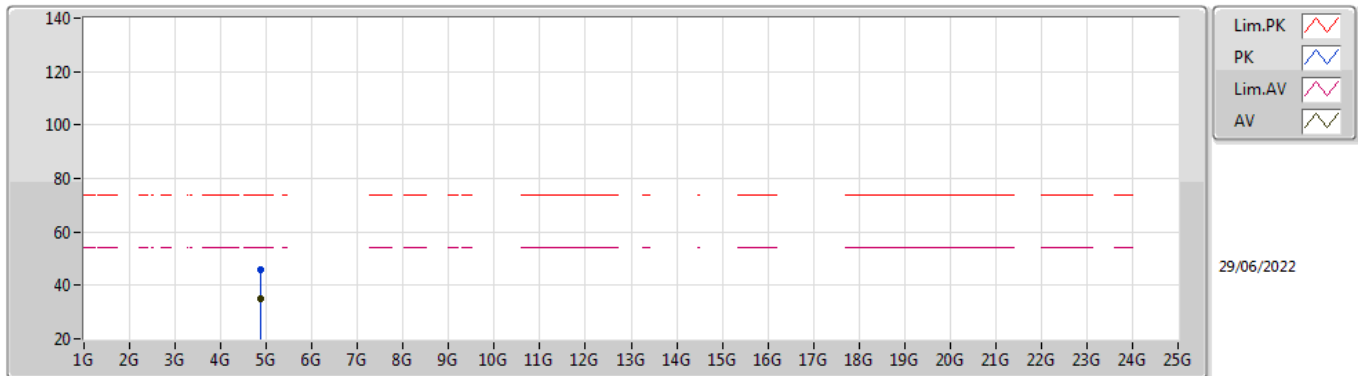
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	49.61	54.00	-4.39	31.75	3	Horizontal	53	1.46	-	17.86	27.38	4.37	-
AV	2.4362G	106.98	Inf	-Inf	31.97	3	Horizontal	53	1.46	-	75.01	27.54	4.43	-
AV	2.4922G	50.78	54.00	-3.22	32.36	3	Horizontal	53	1.46	-	18.42	27.85	4.51	-
PK	2.3822G	60.80	74.00	-13.20	31.72	3	Horizontal	53	1.46	-	29.08	27.36	4.36	-
PK	2.437G	112.54	Inf	-Inf	31.98	3	Horizontal	53	1.46	-	80.56	27.55	4.43	-
PK	2.491G	62.00	74.00	-12.00	32.36	3	Horizontal	53	1.46	-	29.64	27.85	4.51	-

802.11b_Nss1,(1Mbps)_1TX
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.87392G	33.14	54.00	-20.86	4.61	3	Vertical	113	1.45	-	28.53	32.75	6.30	34.44
PK	4.8746G	44.55	74.00	-29.45	4.61	3	Vertical	113	1.45	-	39.94	32.75	6.30	34.44

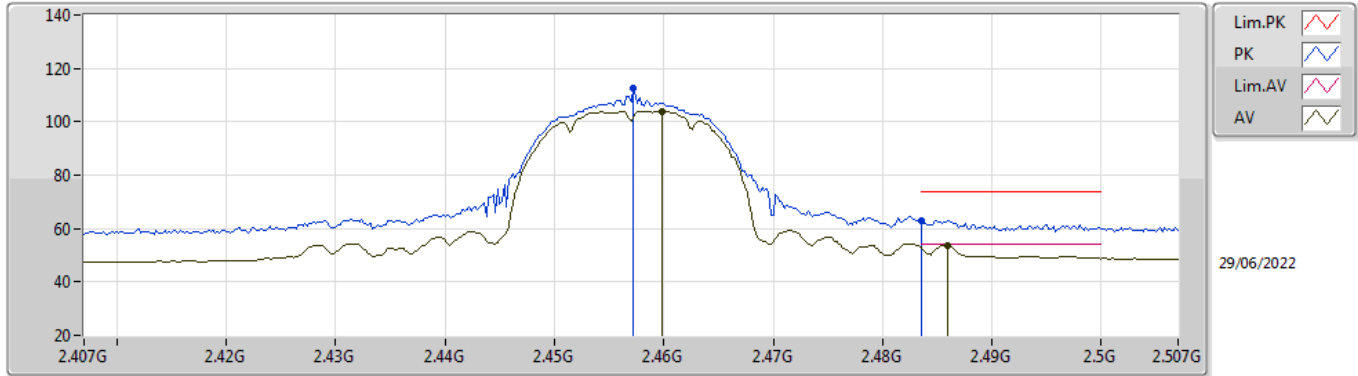
802.11b_Nss1,(1Mbps)_1TX
2437MHz_TX



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	4.87398G	35.09	54.00	-18.91	4.61	3	Horizontal	43	1.61	-	30.48	32.75	6.30	34.44
PK	4.87418G	45.69	74.00	-28.31	4.61	3	Horizontal	43	1.61	-	41.08	32.75	6.30	34.44

802.11b_Nss1,(1Mbps)_1TX

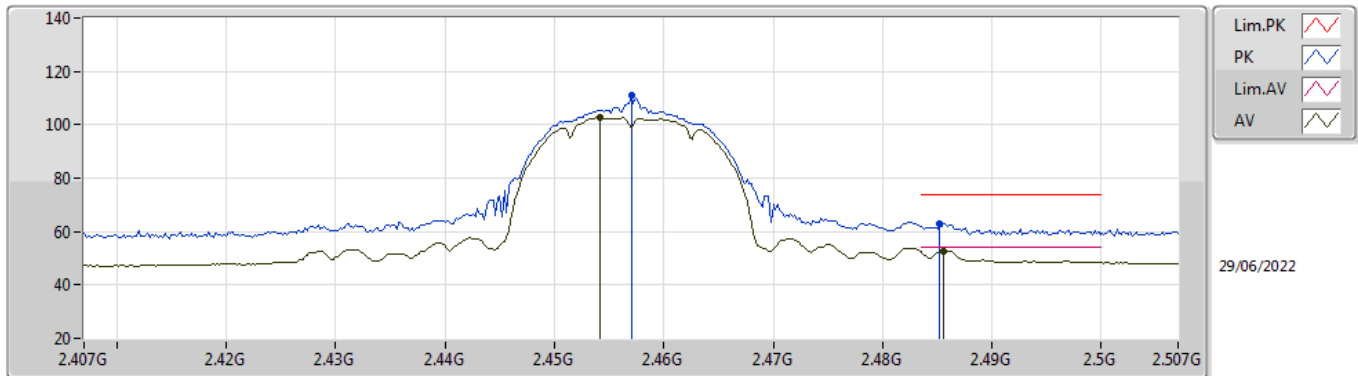
2457MHz_TX



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	2.4598G	104.04	Inf	-Inf	32.13	3	Vertical	78	1.48	-	71.91	27.66	4.47	-
AV	2.486G	53.48	54.00	-0.52	32.32	3	Vertical	78	1.48	-	21.16	27.82	4.50	-
PK	2.4572G	112.58	Inf	-Inf	32.10	3	Vertical	78	1.48	-	80.48	27.64	4.46	-
PK	2.4835G	62.97	74.00	-11.03	32.30	3	Vertical	78	1.48	-	30.67	27.80	4.50	-

802.11b_Nss1,(1Mbps)_1TX

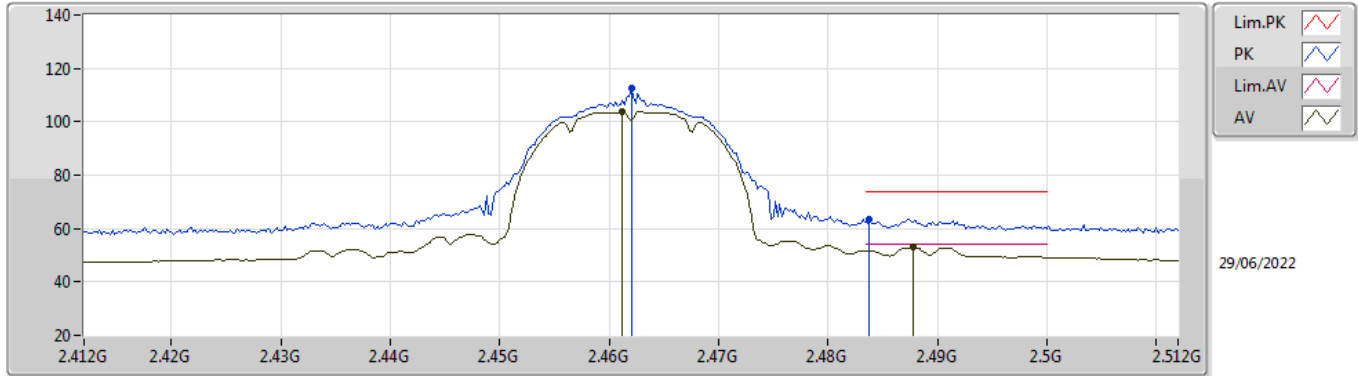
2457MHz_TX



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	2.4542G	102.59	Inf	-Inf	32.09	3	Horizontal	56	1.37	-	70.50	27.63	4.46	-
AV	2.4856G	52.79	54.00	-1.21	32.31	3	Horizontal	56	1.37	-	20.48	27.81	4.50	-
PK	2.457G	111.15	Inf	-Inf	32.10	3	Horizontal	56	1.37	-	79.05	27.64	4.46	-
PK	2.4852G	62.89	74.00	-11.11	32.31	3	Horizontal	56	1.37	-	30.58	27.81	4.50	-

802.11b_Nss1,(1Mbps)_1TX

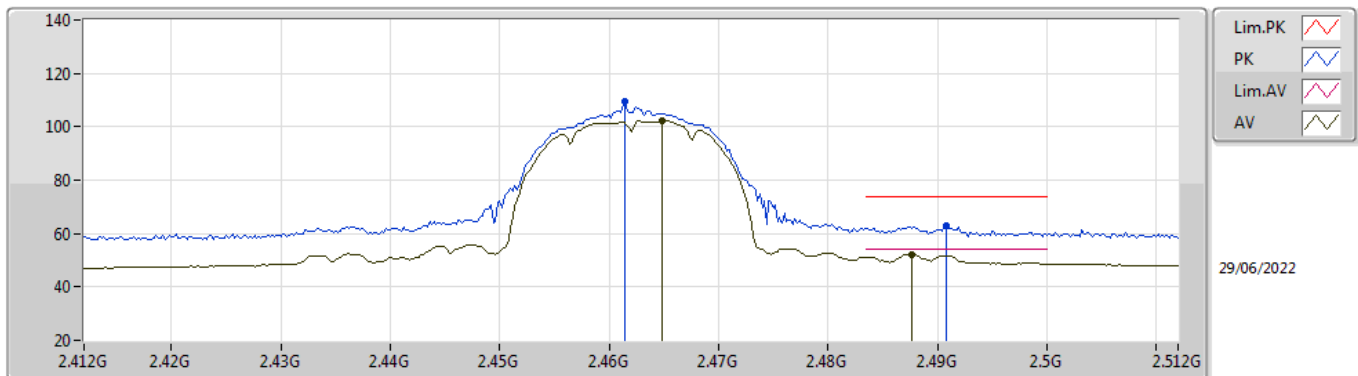
2462MHz_TX



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	103.87	Inf	-Inf	32.14	3	Vertical	79	1.49	-	71.73	27.67	4.47	-
AV	2.4878G	53.09	54.00	-0.91	32.34	3	Vertical	79	1.49	-	20.75	27.83	4.51	-
PK	2.462G	112.55	Inf	-Inf	32.14	3	Vertical	79	1.49	-	80.41	27.67	4.47	-
PK	2.4838G	63.47	74.00	-10.53	32.30	3	Vertical	79	1.49	-	31.17	27.80	4.50	-

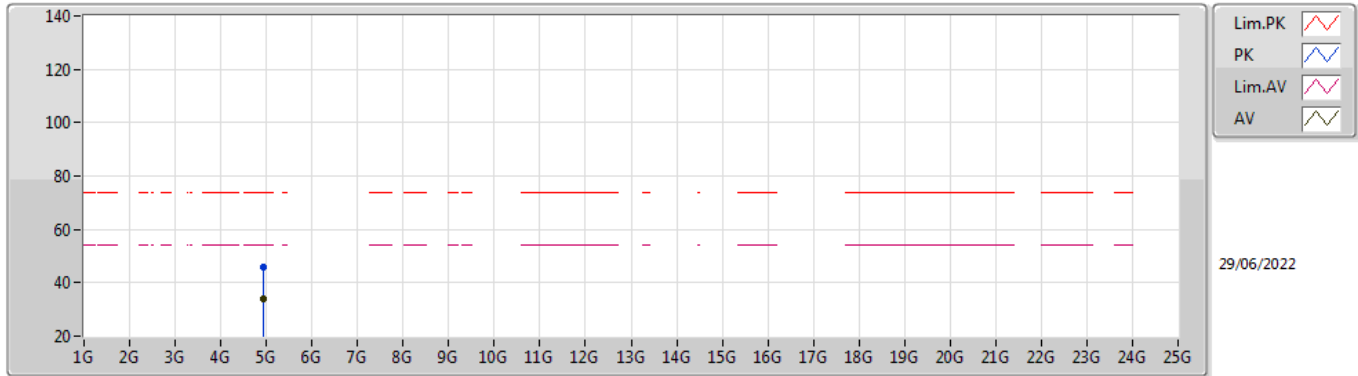
802.11b_Nss1,(1Mbps)_1TX

2462MHz_TX



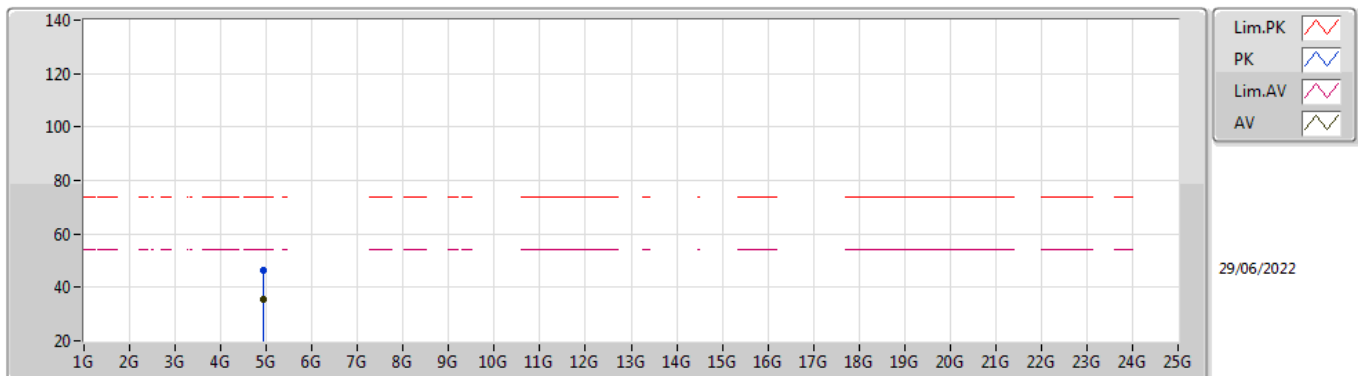
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4648G	102.23	Inf	-Inf	32.16	3	Horizontal	54	1.26	-	70.07	27.69	4.47	-
AV	2.4876G	52.24	54.00	-1.76	32.34	3	Horizontal	54	1.26	-	19.90	27.83	4.51	-
PK	2.4614G	109.35	Inf	-Inf	32.14	3	Horizontal	54	1.26	-	77.21	27.67	4.47	-
PK	2.4908G	63.04	74.00	-10.96	32.35	3	Horizontal	54	1.26	-	30.69	27.84	4.51	-

802.11b_Nss1,(1Mbps)_1TX
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	4.92389G	33.95	54.00	-20.05	4.83	3	Vertical	77	1.02	-	29.12	32.94	6.33	34.44
PK	4.92375G	45.89	74.00	-28.11	4.83	3	Vertical	77	1.02	-	41.06	32.94	6.33	34.44

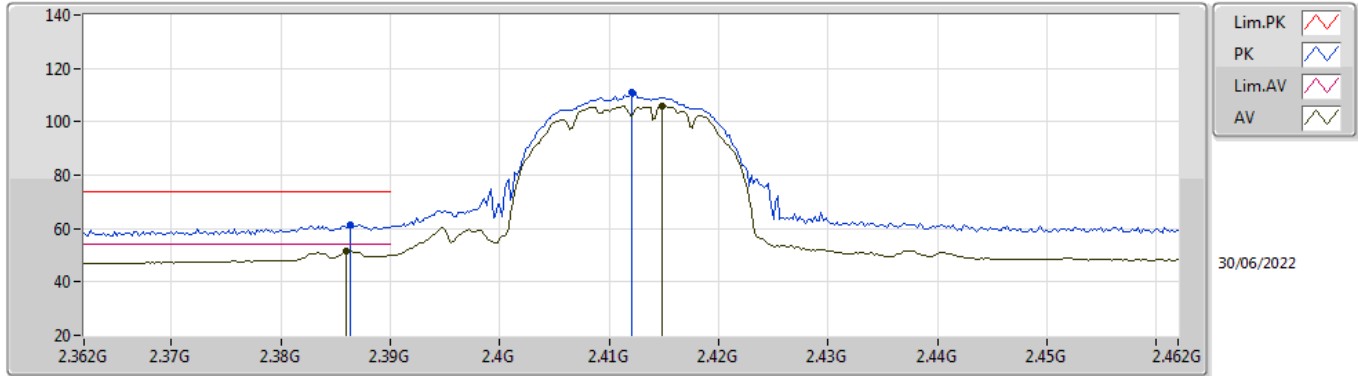
802.11b_Nss1,(1Mbps)_1TX
2462MHz_TX



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	4.92401G	35.49	54.00	-18.51	4.83	3	Horizontal	33	1.47	-	30.66	32.94	6.33	34.44
PK	4.92379G	46.25	74.00	-27.75	4.83	3	Horizontal	33	1.47	-	41.42	32.94	6.33	34.44

802.11b_Nss1,(1Mbps)_3TX

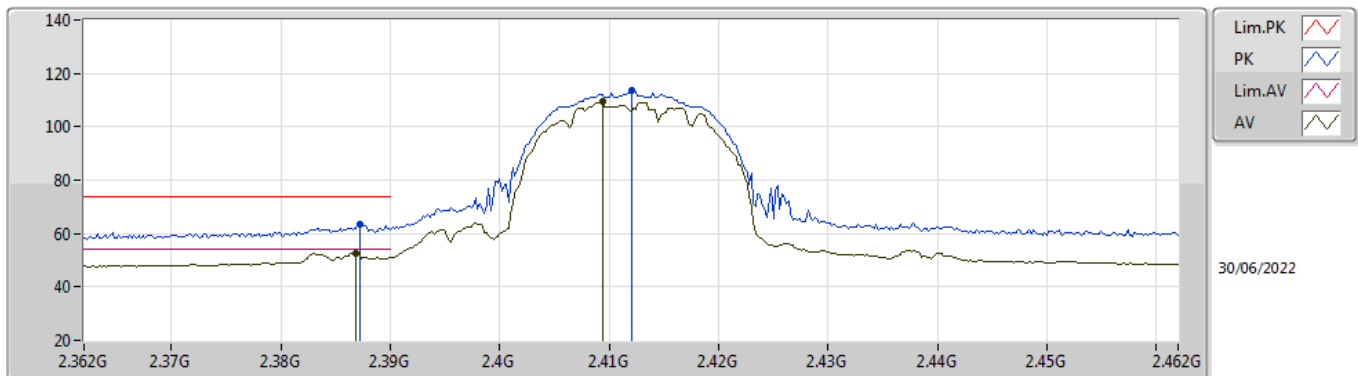
2412MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.386G	51.37	54.00	-2.63	31.74	3	Vertical	103	1.16	-	19.63	27.37	4.37	-
AV	2.4148G	105.87	Inf	-Inf	31.86	3	Vertical	103	1.16	-	74.01	27.46	4.40	-
PK	2.3864G	61.45	74.00	-12.55	31.74	3	Vertical	103	1.16	-	29.71	27.37	4.37	-
PK	2.412G	111.28	Inf	-Inf	31.85	3	Vertical	103	1.16	-	79.43	27.45	4.40	-

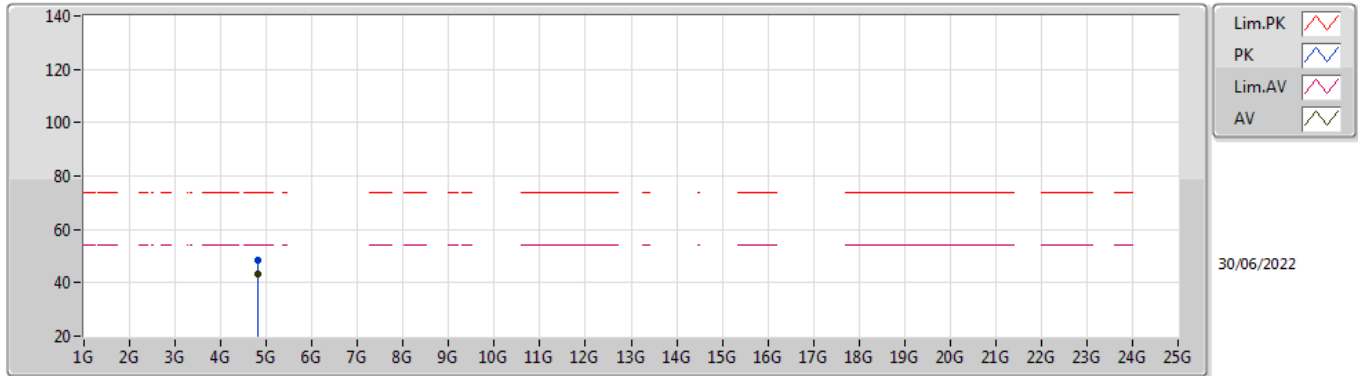
802.11b_Nss1,(1Mbps)_3TX

2412MHz_TX



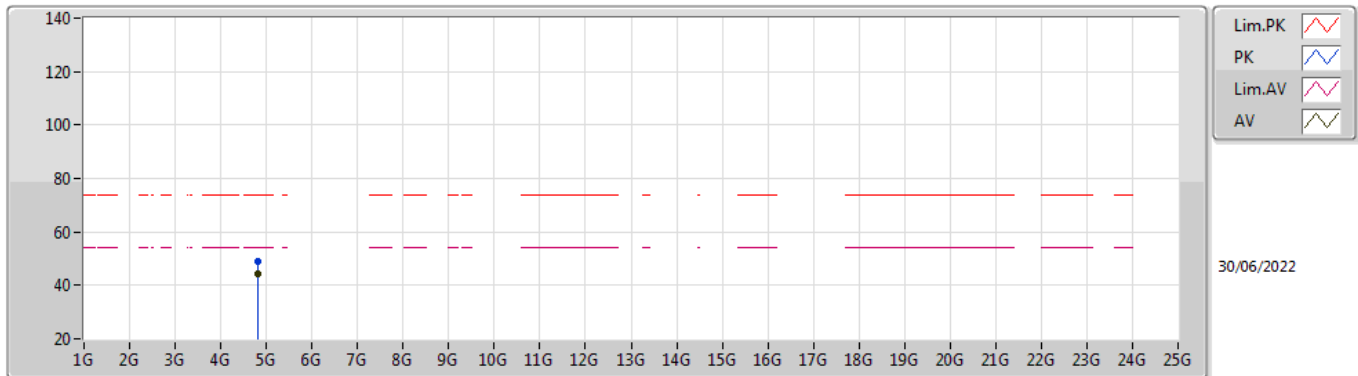
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AV	2.3868G	52.73	54.00	-1.27	31.74	3	Horizontal	49	1.45	-	20.99	27.37	4.37	-
AV	2.4094G	109.26	Inf	-Inf	31.83	3	Horizontal	49	1.45	-	77.43	27.44	4.39	-
PK	2.3872G	63.45	74.00	-10.55	31.74	3	Horizontal	49	1.45	-	31.71	27.37	4.37	-
PK	2.412G	113.39	Inf	-Inf	31.85	3	Horizontal	49	1.45	-	81.54	27.45	4.40	-

802.11b_Nss1,(1Mbps)_3TX
2412MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.82396G	43.15	54.00	-10.85	4.42	3	Vertical	275	1.50	-	38.73	32.60	6.27	34.45
PK	4.82396G	48.49	74.00	-25.51	4.42	3	Vertical	275	1.50	-	44.07	32.60	6.27	34.45

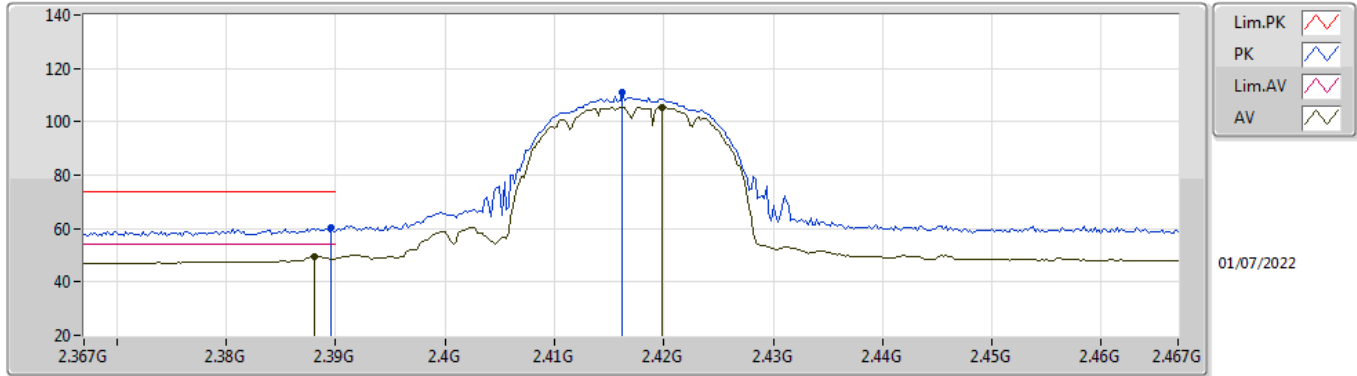
802.11b_Nss1,(1Mbps)_3TX
2412MHz_TX



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	4.82401G	44.23	54.00	-9.77	4.42	3	Horizontal	260	2.26	-	39.81	32.60	6.27	34.45
PK	4.82392G	48.87	74.00	-25.13	4.42	3	Horizontal	260	2.26	-	44.45	32.60	6.27	34.45

802.11b_Nss1,(1Mbps)_3TX

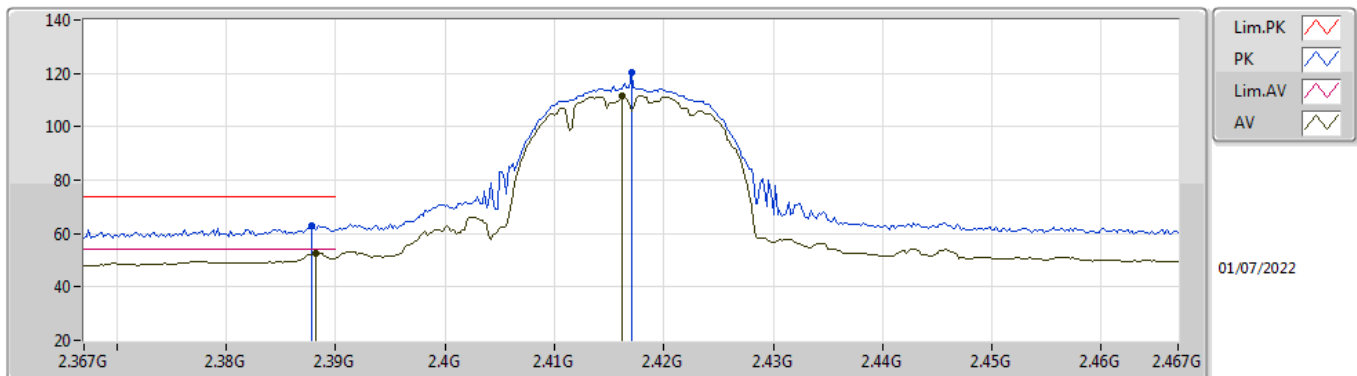
2417MHz_TX



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	49.42	54.00	-4.58	31.75	3	Vertical	120	1.20	-	17.67	27.38	4.37	-
AV	2.4198G	105.60	Inf	-Inf	31.89	3	Vertical	120	1.20	-	73.71	27.48	4.41	-
PK	2.3896G	60.15	74.00	-13.85	31.75	3	Vertical	120	1.20	-	28.40	27.38	4.37	-
PK	2.4162G	111.02	Inf	-Inf	31.86	3	Vertical	120	1.20	-	79.16	27.46	4.40	-

802.11b_Nss1,(1Mbps)_3TX

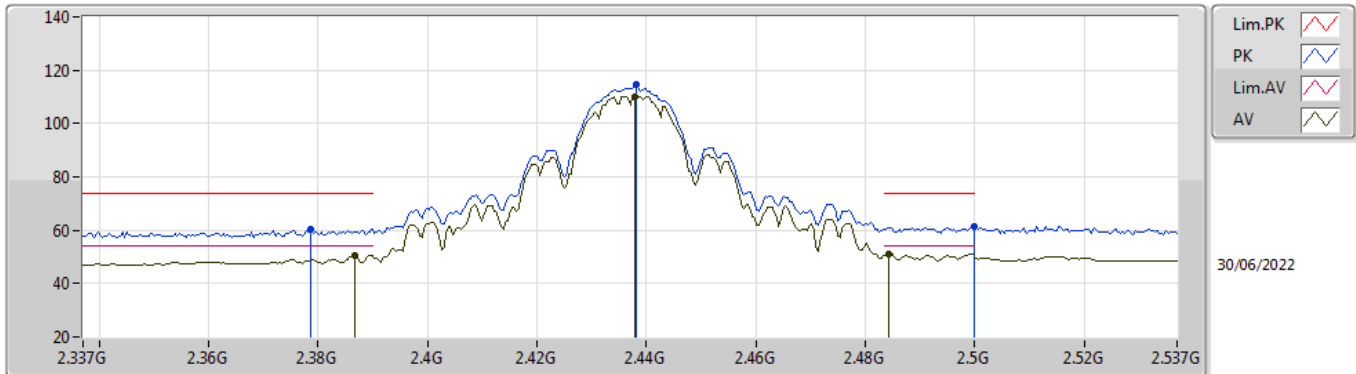
2417MHz_TX



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	2.3882G	52.76	54.00	-1.24	31.75	3	Horizontal	231	1.88	-	21.01	27.38	4.37	-
AV	2.4162G	111.52	Inf	-Inf	31.86	3	Horizontal	231	1.88	-	79.66	27.46	4.40	-
PK	2.3878G	62.95	74.00	-11.05	31.75	3	Horizontal	231	1.88	-	31.20	27.38	4.37	-
PK	2.417G	120.21	Inf	-Inf	31.87	3	Horizontal	231	1.88	-	88.34	27.47	4.40	-

802.11b_Nss1,(1Mbps)_3TX

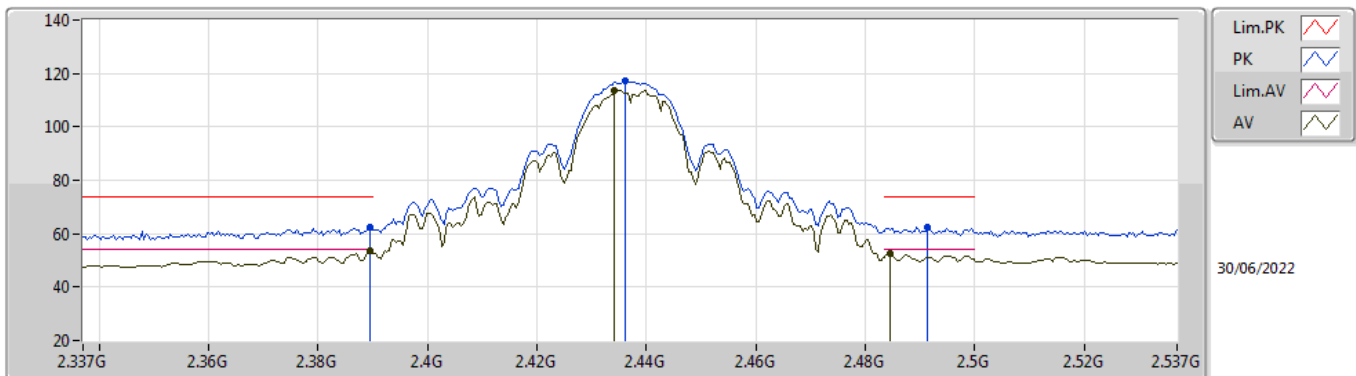
2437MHz_TX



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	2.3866G	50.60	54.00	-3.40	31.74	3	Vertical	93	1.30	-	18.86	27.37	4.37	-
AV	2.4378G	110.24	Inf	-Inf	31.98	3	Vertical	93	1.30	-	78.26	27.55	4.43	-
AV	2.4842G	51.27	54.00	-2.73	32.31	3	Vertical	93	1.30	-	18.96	27.81	4.50	-
PK	2.3786G	60.13	74.00	-13.87	31.72	3	Vertical	93	1.30	-	28.41	27.36	4.36	-
PK	2.4382G	114.48	Inf	-Inf	31.99	3	Vertical	93	1.30	-	82.49	27.55	4.44	-
PK	2.4998G	61.38	74.00	-12.62	32.42	3	Vertical	93	1.30	-	28.96	27.90	4.52	-

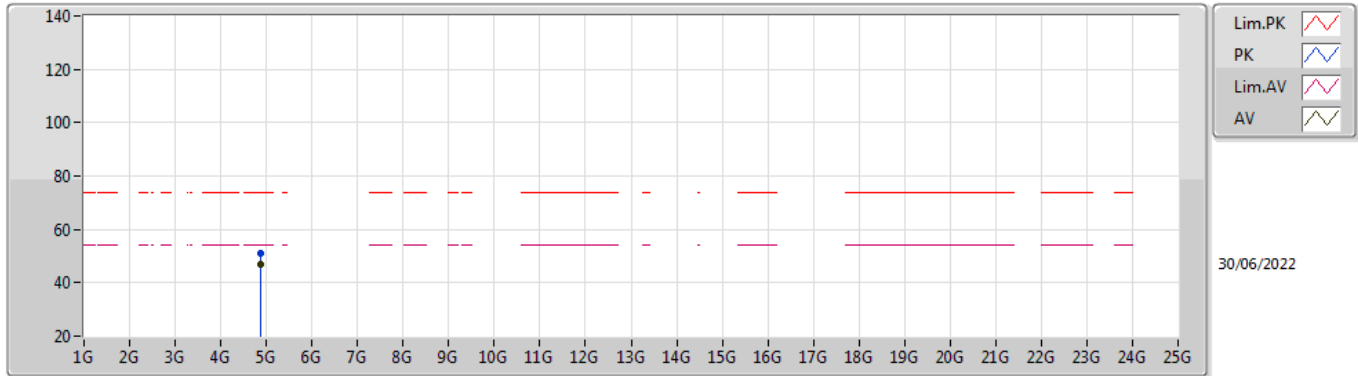
802.11b_Nss1,(1Mbps)_3TX

2437MHz_TX



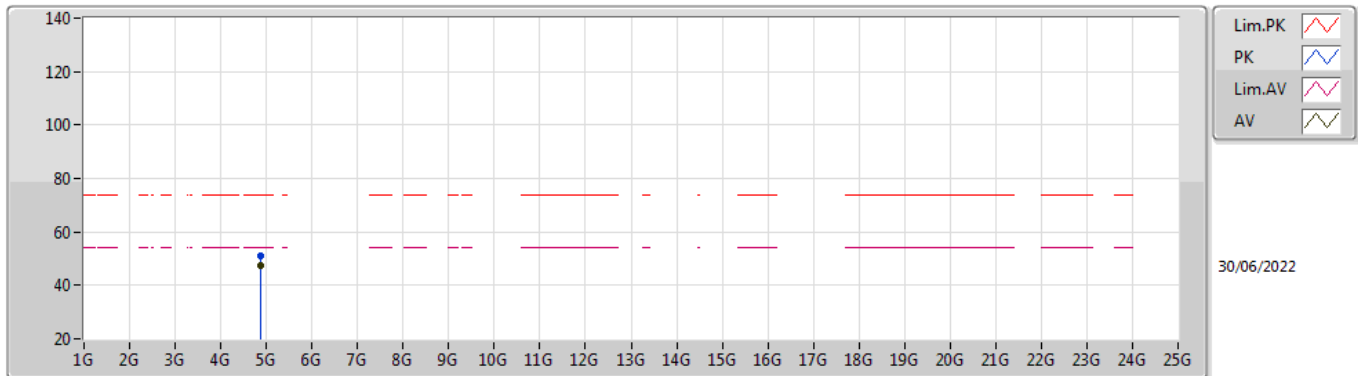
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3894G	53.37	54.00	-0.63	31.75	3	Horizontal	51	1.49	-	21.62	27.38	4.37	-
AV	2.4342G	113.86	Inf	-Inf	31.97	3	Horizontal	51	1.49	-	81.89	27.54	4.43	-
AV	2.4846G	52.37	54.00	-1.63	32.31	3	Horizontal	51	1.49	-	20.06	27.81	4.50	-
PK	2.3894G	62.31	74.00	-11.69	31.75	3	Horizontal	51	1.49	-	30.56	27.38	4.37	-
PK	2.4362G	117.29	Inf	-Inf	31.97	3	Horizontal	51	1.49	-	85.32	27.54	4.43	-
PK	2.4914G	62.38	74.00	-11.62	32.36	3	Horizontal	51	1.49	-	30.02	27.85	4.51	-

802.11b_Nss1,(1Mbps)_3TX
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	4.87398G	46.78	54.00	-7.22	4.61	3	Vertical	293	1.66	-	42.17	32.75	6.30	34.44
PK	4.87393G	50.84	74.00	-23.16	4.61	3	Vertical	293	1.66	-	46.23	32.75	6.30	34.44

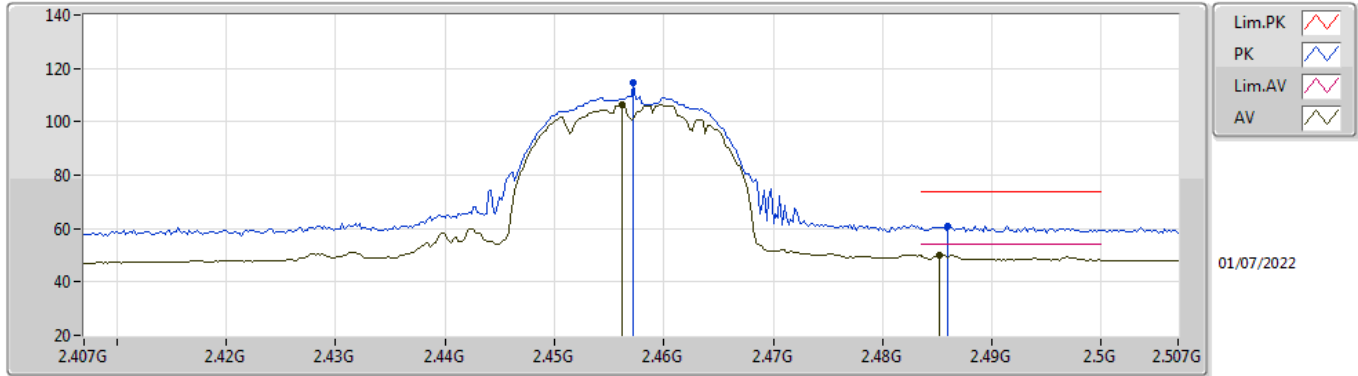
802.11b_Nss1,(1Mbps)_3TX
2437MHz_TX



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	4.87395G	47.38	54.00	-6.62	4.61	3	Horizontal	256	2.26	-	42.77	32.75	6.30	34.44
PK	4.87403G	51.14	74.00	-22.86	4.61	3	Horizontal	256	2.26	-	46.53	32.75	6.30	34.44

802.11b_Nss1,(1Mbps)_3TX

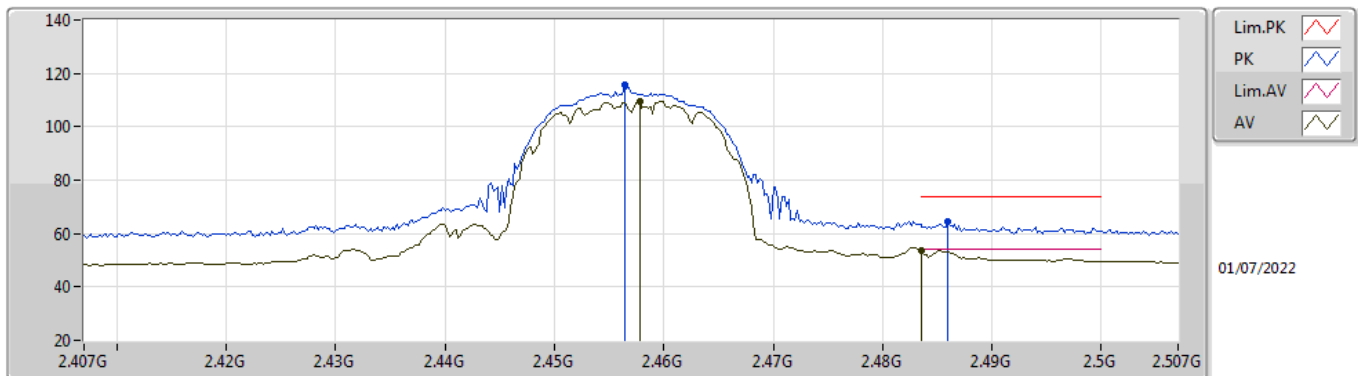
2457MHz_TX



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	106.30	Inf	-Inf	32.10	3	Vertical	136	1.55	-	74.20	27.64	4.46	-
AV	2.4852G	50.02	54.00	-3.98	32.31	3	Vertical	136	1.55	-	17.71	27.81	4.50	-
PK	2.4572G	114.64	Inf	-Inf	32.10	3	Vertical	136	1.55	-	82.54	27.64	4.46	-
PK	2.486G	60.79	74.00	-13.21	32.32	3	Vertical	136	1.55	-	28.47	27.82	4.50	-

802.11b_Nss1,(1Mbps)_3TX

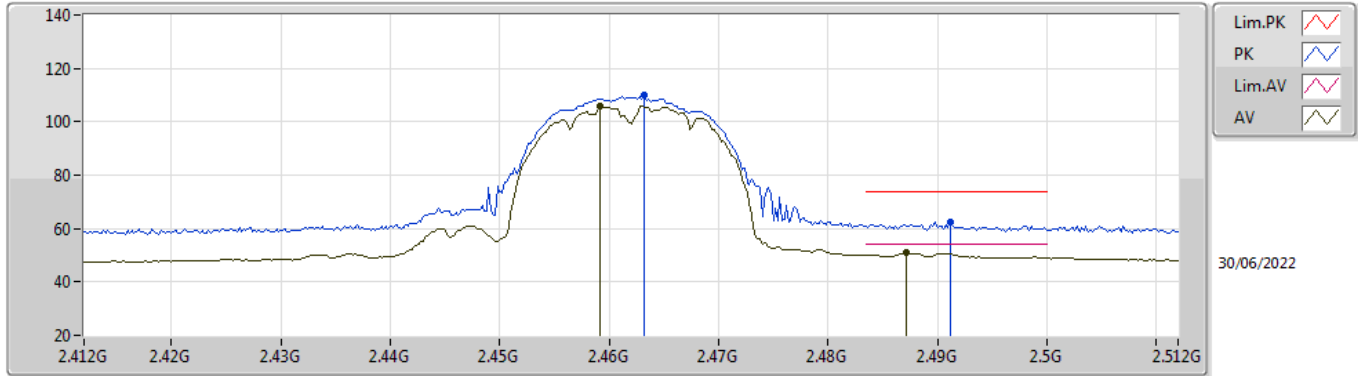
2457MHz_TX



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	109.55	Inf	-Inf	32.11	3	Horizontal	57	1.75	-	77.44	27.65	4.46	-
AV	2.4835G	53.72	54.00	-0.28	32.30	3	Horizontal	57	1.75	-	21.42	27.80	4.50	-
PK	2.4564G	115.75	Inf	-Inf	32.10	3	Horizontal	57	1.75	-	83.65	27.64	4.46	-
PK	2.486G	64.35	74.00	-9.65	32.32	3	Horizontal	57	1.75	-	32.03	27.82	4.50	-

802.11b_Nss1,(1Mbps)_3TX

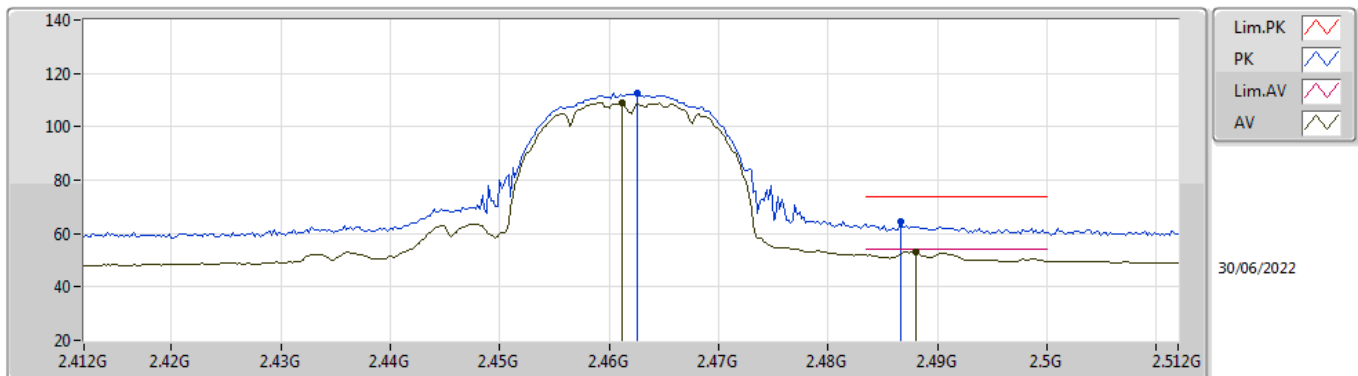
2462MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4592G	105.83	Inf	-Inf	32.13	3	Vertical	105	1.50	-	73.70	27.66	4.47	-
AV	2.4872G	50.94	54.00	-3.06	32.33	3	Vertical	105	1.50	-	18.61	27.82	4.51	-
PK	2.4632G	110.01	Inf	-Inf	32.15	3	Vertical	105	1.50	-	77.86	27.68	4.47	-
PK	2.4912G	62.56	74.00	-11.44	32.36	3	Vertical	105	1.50	-	30.20	27.85	4.51	-

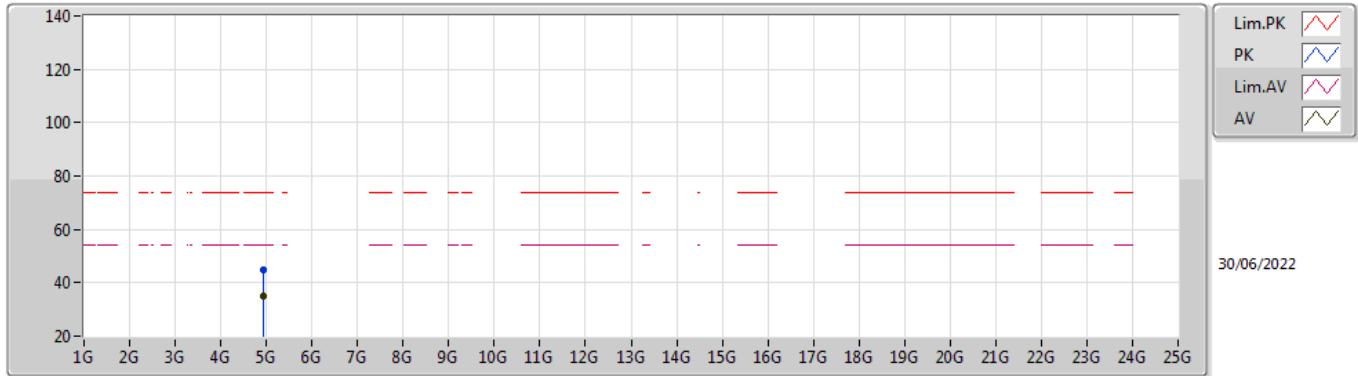
802.11b_Nss1,(1Mbps)_3TX

2462MHz_TX



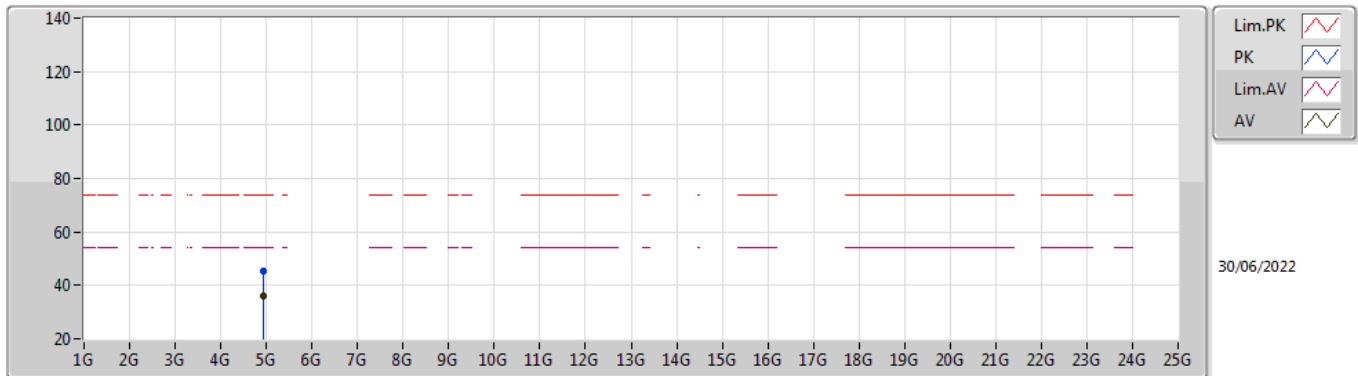
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AV	2.4612G	109.09	Inf	-Inf	32.14	3	Horizontal	53	1.35	-	76.95	27.67	4.47	-
AV	2.488G	53.23	54.00	-0.77	32.34	3	Horizontal	53	1.35	-	20.89	27.83	4.51	-
PK	2.4626G	112.52	Inf	-Inf	32.15	3	Horizontal	53	1.35	-	80.37	27.68	4.47	-
PK	2.4866G	64.24	74.00	-9.76	32.33	3	Horizontal	53	1.35	-	31.91	27.82	4.51	-

802.11b_Nss1,(1Mbps)_3TX
2462MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.92396G	34.98	54.00	-19.02	4.83	3	Vertical	274	1.43	-	30.15	32.94	6.33	34.44
PK	4.9232G	45.07	74.00	-28.93	4.83	3	Vertical	274	1.43	-	40.24	32.94	6.33	34.44

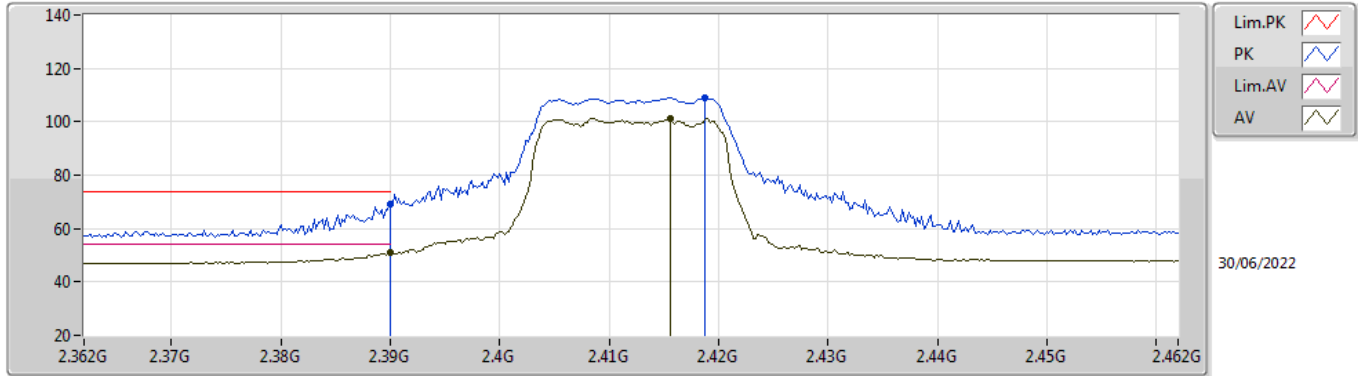
802.11b_Nss1,(1Mbps)_3TX
2462MHz_TX



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	4.92404G	36.20	54.00	-17.80	4.83	3	Horizontal	249	2.31	-	31.37	32.94	6.33	34.44
PK	4.92444G	45.39	74.00	-28.61	4.84	3	Horizontal	249	2.31	-	40.55	32.95	6.33	34.44

802.11g_Nss1,(6Mbps)_3TX

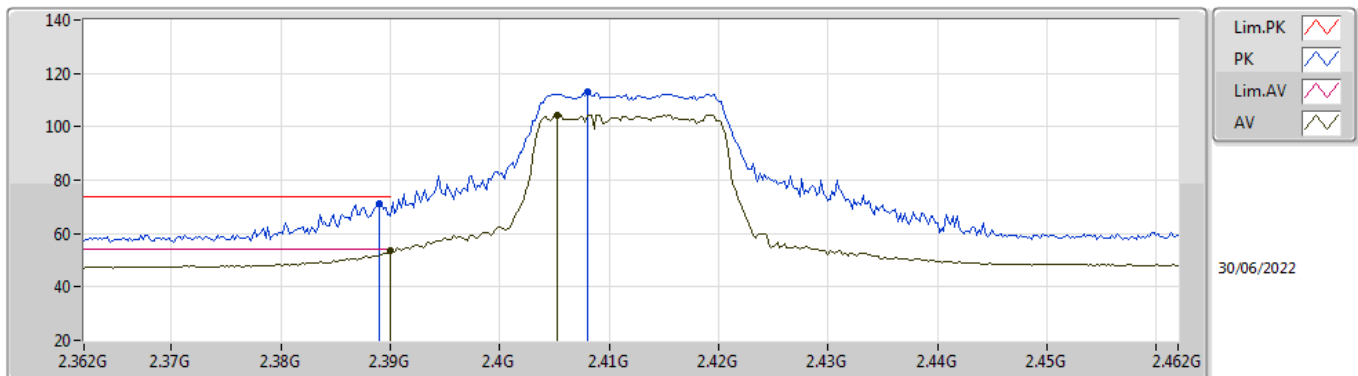
2412MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	51.11	54.00	-2.89	31.75	3	Vertical	107	1.49	-	19.36	27.38	4.37	-
AV	2.4156G	101.44	Inf	-Inf	31.86	3	Vertical	107	1.49	-	69.58	27.46	4.40	-
PK	2.39G	68.90	74.00	-5.10	31.75	3	Vertical	107	1.49	-	37.15	27.38	4.37	-
PK	2.4188G	109.14	Inf	-Inf	31.89	3	Vertical	107	1.49	-	77.25	27.48	4.41	-

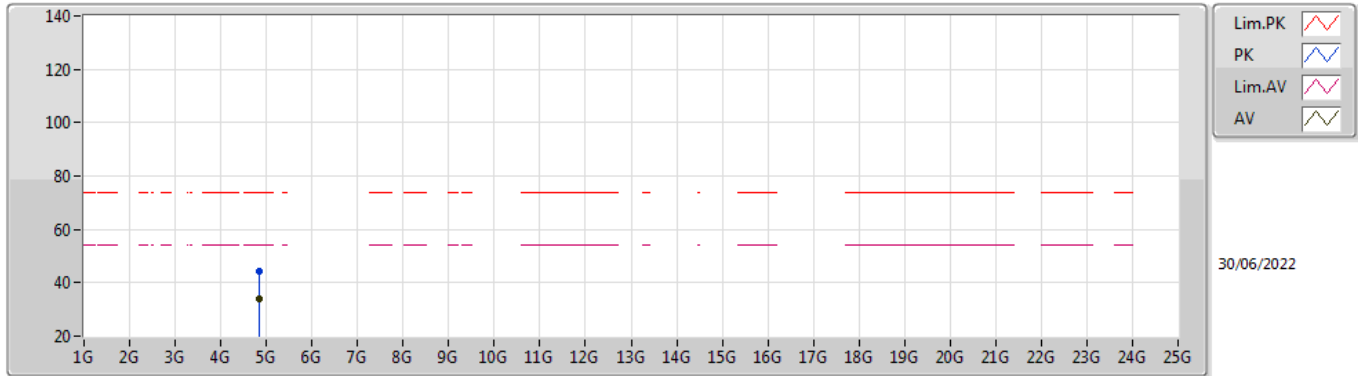
802.11g_Nss1,(6Mbps)_3TX

2412MHz_TX



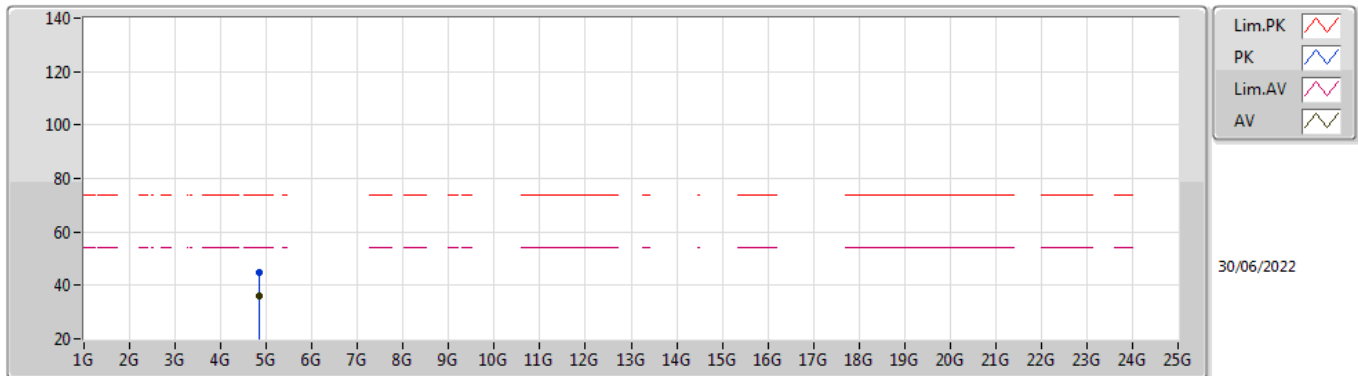
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	53.49	54.00	-0.51	31.75	3	Horizontal	52	1.70	-	21.74	27.38	4.37	-
AV	2.4052G	104.47	Inf	-Inf	31.81	3	Horizontal	52	1.70	-	72.66	27.42	4.39	-
PK	2.389G	71.20	74.00	-2.80	31.75	3	Horizontal	52	1.70	-	39.45	27.38	4.37	-
PK	2.408G	113.07	Inf	-Inf	31.82	3	Horizontal	52	1.70	-	81.25	27.43	4.39	-

802.11g_Nss1,(6Mbps)_3TX
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	4.84384G	34.12	54.00	-19.88	4.52	3	Vertical	212	1.00	-	29.60	32.68	6.29	34.45
PK	4.84376G	44.42	74.00	-29.58	4.52	3	Vertical	212	1.00	-	39.90	32.68	6.29	34.45

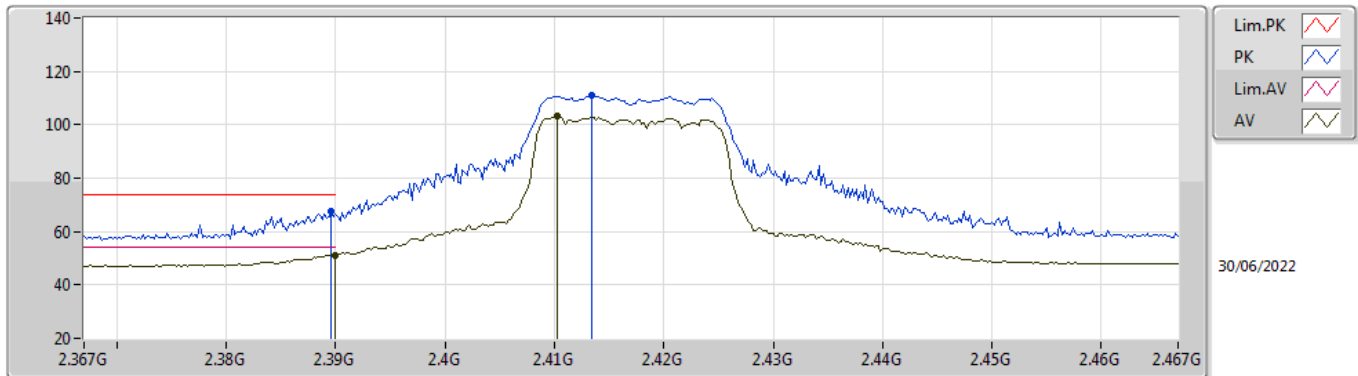
802.11g_Nss1,(6Mbps)_3TX
2412MHz_TX



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	4.84376G	35.89	54.00	-18.11	4.52	3	Horizontal	218	1.39	-	31.37	32.68	6.29	34.45
PK	4.84392G	44.96	74.00	-29.04	4.52	3	Horizontal	218	1.39	-	40.44	32.68	6.29	34.45

802.11g_Nss1,(6Mbps)_3TX

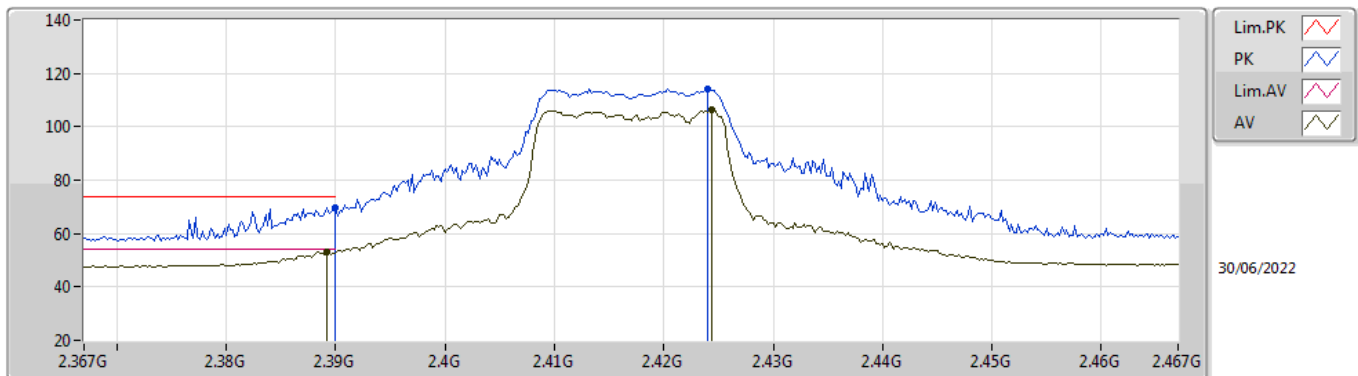
2417MHz_TX



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	51.11	54.00	-2.89	31.75	3	Vertical	107	1.58	-	19.36	27.38	4.37	-
AV	2.4102G	103.05	Inf	-Inf	31.83	3	Vertical	107	1.58	-	71.22	27.44	4.39	-
PK	2.3896G	67.84	74.00	-6.16	31.75	3	Vertical	107	1.58	-	36.09	27.38	4.37	-
PK	2.4134G	110.85	Inf	-Inf	31.85	3	Vertical	107	1.58	-	79.00	27.45	4.40	-

802.11g_Nss1,(6Mbps)_3TX

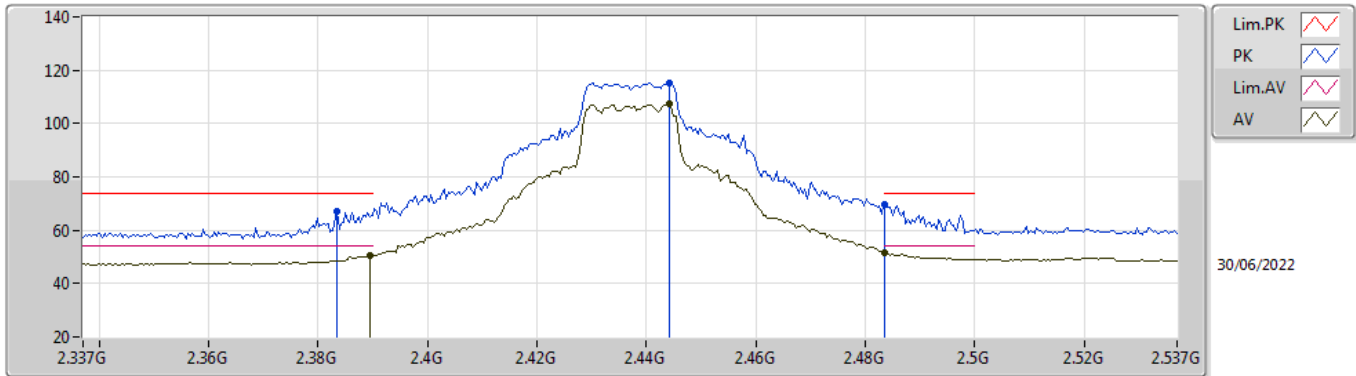
2417MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3892G	53.01	54.00	-0.99	31.75	3	Horizontal	50	1.48	-	21.26	27.38	4.37	-
AV	2.4244G	106.25	Inf	-Inf	31.92	3	Horizontal	50	1.48	-	74.33	27.50	4.42	-
PK	2.39G	69.61	74.00	-4.39	31.75	3	Horizontal	50	1.48	-	37.86	27.38	4.37	-
PK	2.424G	114.38	Inf	-Inf	31.91	3	Horizontal	50	1.48	-	82.47	27.50	4.41	-

802.11g_Nss1,(6Mbps)_3TX

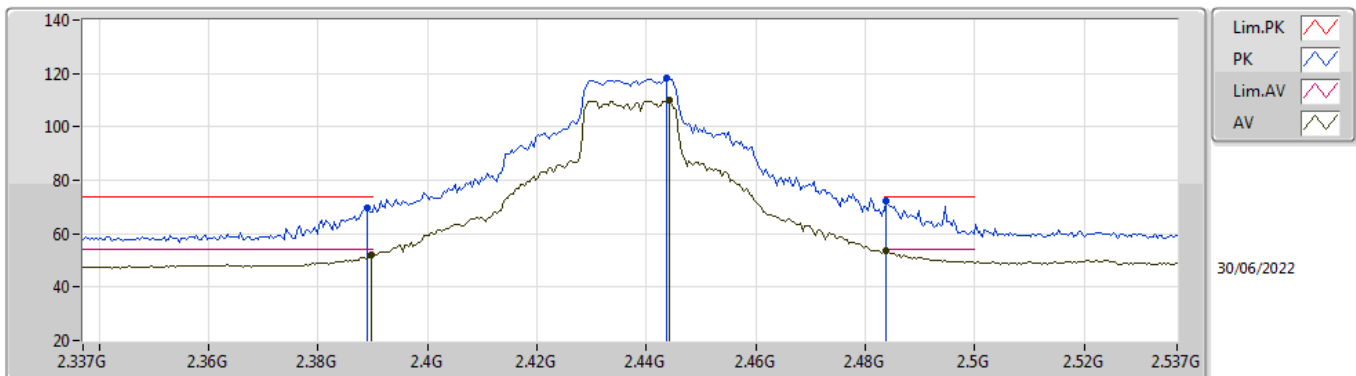
2437MHz_TX



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	50.47	54.00	-3.53	31.75	3	Vertical	101	1.04	-	18.72	27.38	4.37	-
AV	2.4442G	107.39	Inf	-Inf	32.02	3	Vertical	101	1.04	-	75.37	27.58	4.44	-
AV	2.4835G	51.42	54.00	-2.58	32.30	3	Vertical	101	1.04	-	19.12	27.80	4.50	-
PK	2.3834G	66.83	74.00	-7.17	31.73	3	Vertical	101	1.04	-	35.10	27.37	4.36	-
PK	2.4442G	115.42	Inf	-Inf	32.02	3	Vertical	101	1.04	-	83.40	27.58	4.44	-
PK	2.4835G	69.79	74.00	-4.21	32.30	3	Vertical	101	1.04	-	37.49	27.80	4.50	-

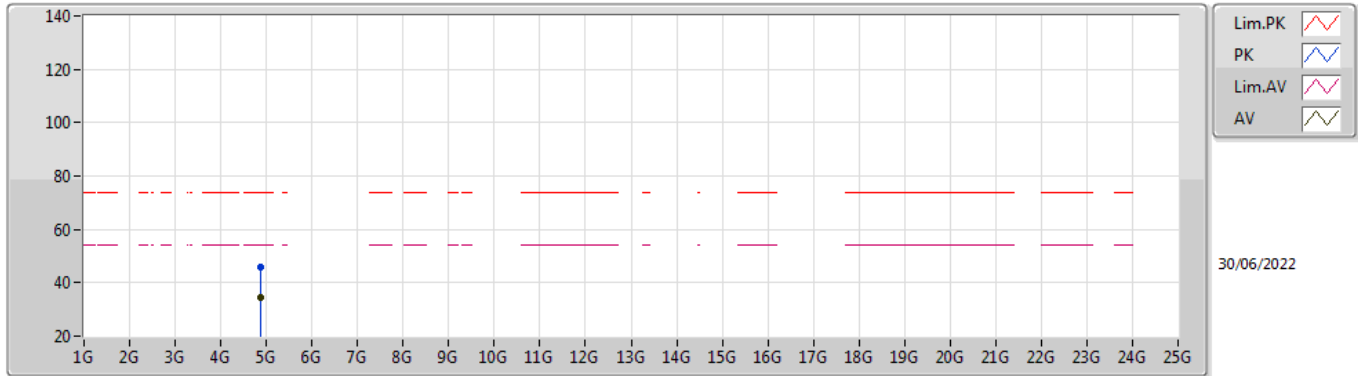
802.11g_Nss1,(6Mbps)_3TX

2437MHz_TX



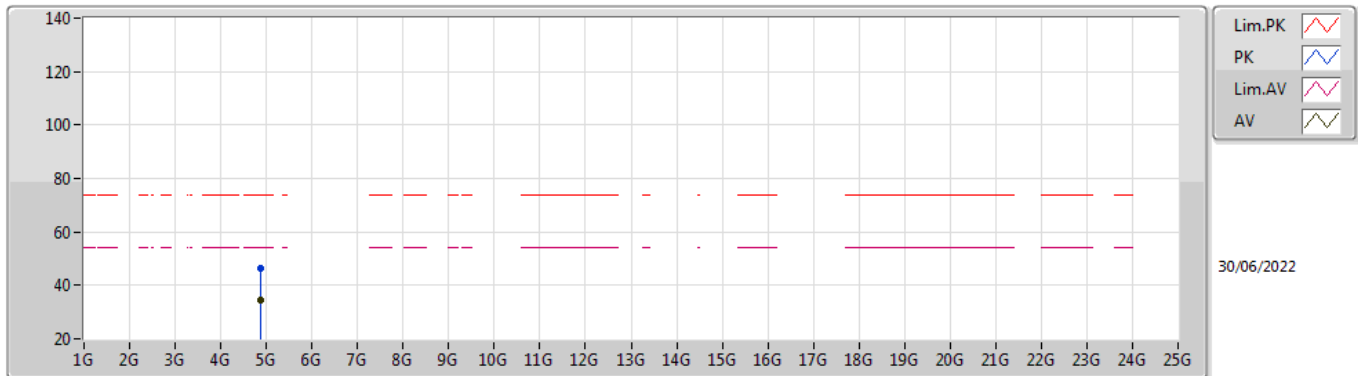
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	51.97	54.00	-2.03	31.75	3	Horizontal	52	1.45	-	20.22	27.38	4.37	-
AV	2.4442G	110.02	Inf	-Inf	32.02	3	Horizontal	52	1.45	-	78.00	27.58	4.44	-
AV	2.4838G	53.46	54.00	-0.54	32.30	3	Horizontal	52	1.45	-	21.16	27.80	4.50	-
PK	2.389G	69.75	74.00	-4.25	31.75	3	Horizontal	52	1.45	-	38.00	27.38	4.37	-
PK	2.4438G	118.11	Inf	-Inf	32.02	3	Horizontal	52	1.45	-	86.09	27.58	4.44	-
PK	2.4838G	72.26	74.00	-1.74	32.30	3	Horizontal	52	1.45	-	39.96	27.80	4.50	-

802.11g_Nss1,(6Mbps)_3TX
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	4.87504G	34.27	54.00	-19.73	4.62	3	Vertical	280	1.50	-	29.65	32.75	6.31	34.44
PK	4.8672G	45.89	74.00	-28.11	4.59	3	Vertical	280	1.50	-	41.30	32.73	6.30	34.44

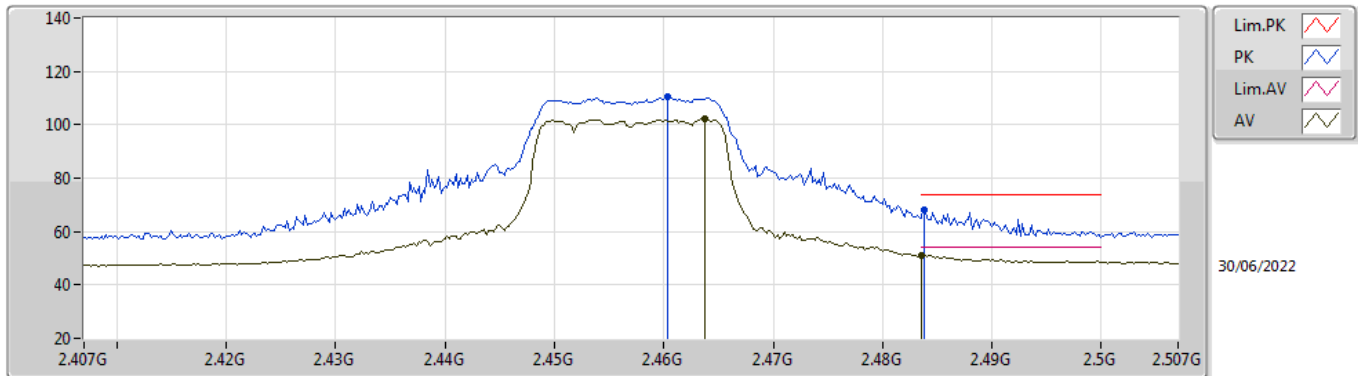
802.11g_Nss1,(6Mbps)_3TX
2437MHz_TX



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	4.87288G	34.45	54.00	-19.55	4.61	3	Horizontal	260	2.26	-	29.84	32.75	6.30	34.44
PK	4.86152G	46.20	74.00	-27.80	4.58	3	Horizontal	260	2.26	-	41.62	32.72	6.30	34.44

802.11g_Nss1,(6Mbps)_3TX

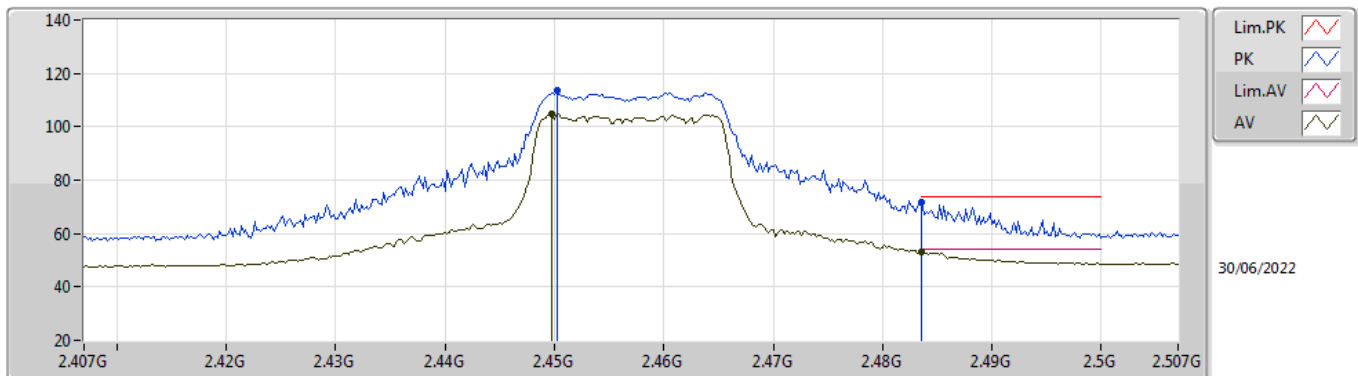
2457MHz_TX



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	2.4638G	102.40	Inf	-Inf	32.15	3	Vertical	109	1.50	-	70.25	27.68	4.47	-
AV	2.4835G	51.26	54.00	-2.74	32.30	3	Vertical	109	1.50	-	18.96	27.80	4.50	-
PK	2.4604G	110.50	Inf	-Inf	32.13	3	Vertical	109	1.50	-	78.37	27.66	4.47	-
PK	2.4838G	67.88	74.00	-6.12	32.30	3	Vertical	109	1.50	-	35.58	27.80	4.50	-

802.11g_Nss1,(6Mbps)_3TX

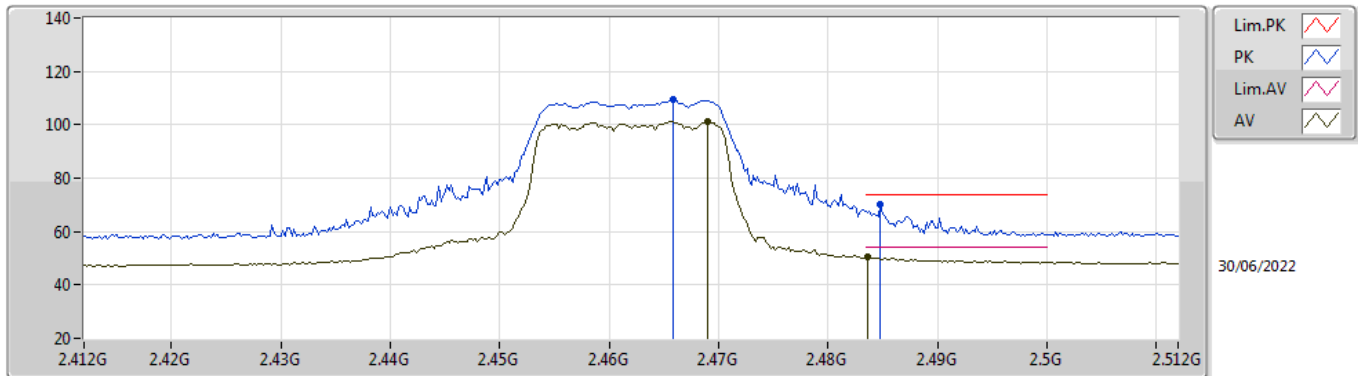
2457MHz_TX



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	2.4498G	104.81	Inf	-Inf	32.05	3	Horizontal	107	2.08	-	72.76	27.60	4.45	-
AV	2.4835G	53.20	54.00	-0.80	32.30	3	Horizontal	107	2.08	-	20.90	27.80	4.50	-
PK	2.4502G	113.38	Inf	-Inf	32.05	3	Horizontal	107	2.08	-	81.33	27.60	4.45	-
PK	2.4836G	71.85	74.00	-2.15	32.30	3	Horizontal	107	2.08	-	39.55	27.80	4.50	-

802.11g_Nss1,(6Mbps)_3TX

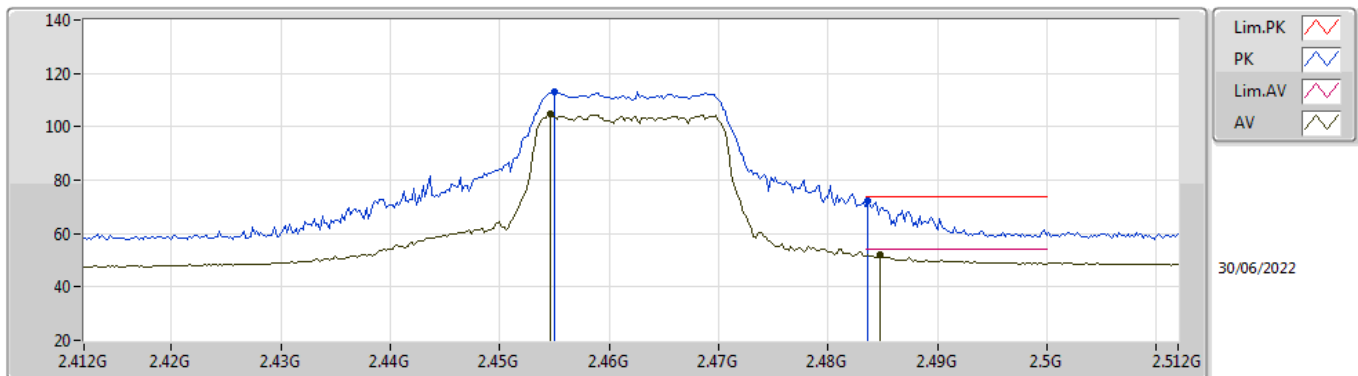
2462MHz_TX



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	2.469G	101.23	Inf	-Inf	32.19	3	Vertical	105	1.21	-	69.04	27.71	4.48	-
AV	2.4836G	50.56	54.00	-3.44	32.30	3	Vertical	105	1.21	-	18.26	27.80	4.50	-
PK	2.4658G	109.26	Inf	-Inf	32.17	3	Vertical	105	1.21	-	77.09	27.69	4.48	-
PK	2.4848G	70.41	74.00	-3.59	32.31	3	Vertical	105	1.21	-	38.10	27.81	4.50	-

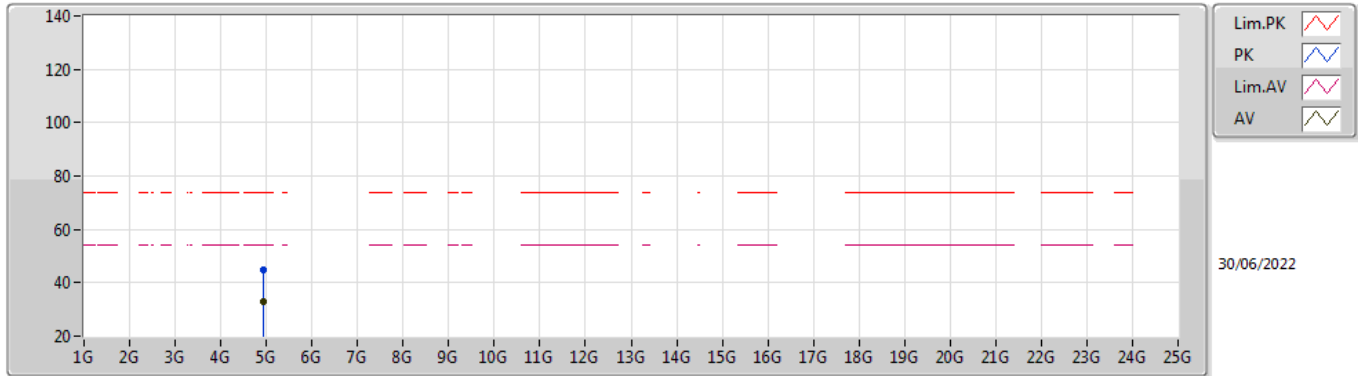
802.11g_Nss1,(6Mbps)_3TX

2462MHz_TX



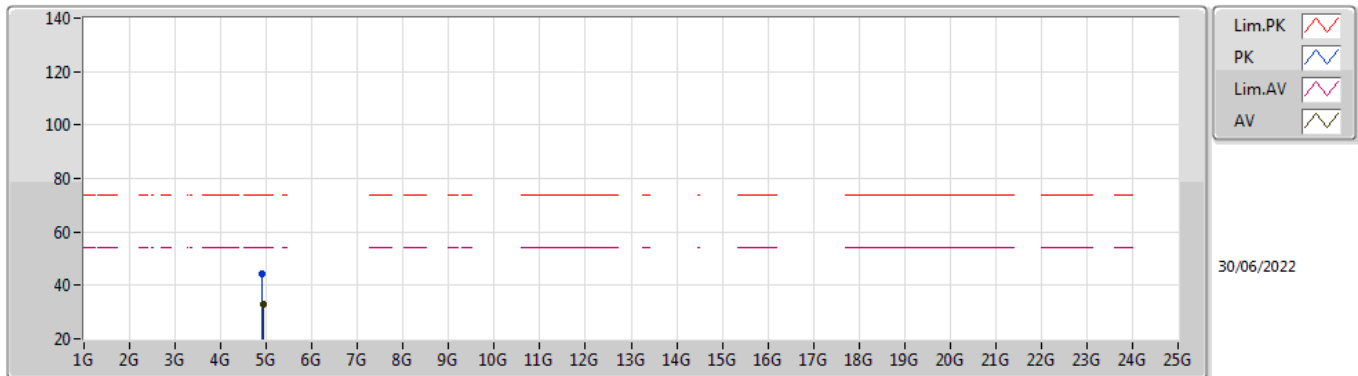
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AV	2.4546G	105.06	Inf	-Inf	32.09	3	Horizontal	234	2.80	-	72.97	27.63	4.46	-
AV	2.4848G	51.91	54.00	-2.09	32.31	3	Horizontal	234	2.80	-	19.60	27.81	4.50	-
PK	2.455G	113.01	Inf	-Inf	32.09	3	Horizontal	234	2.80	-	80.92	27.63	4.46	-
PK	2.4836G	72.28	74.00	-1.72	32.30	3	Horizontal	234	2.80	-	39.98	27.80	4.50	-

802.11g_Nss1,(6Mbps)_3TX
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	4.93864G	32.71	54.00	-21.29	4.93	3	Vertical	76	1.50	-	27.78	33.03	6.34	34.44
PK	4.92872G	44.60	74.00	-29.40	4.87	3	Vertical	76	1.50	-	39.73	32.97	6.34	34.44

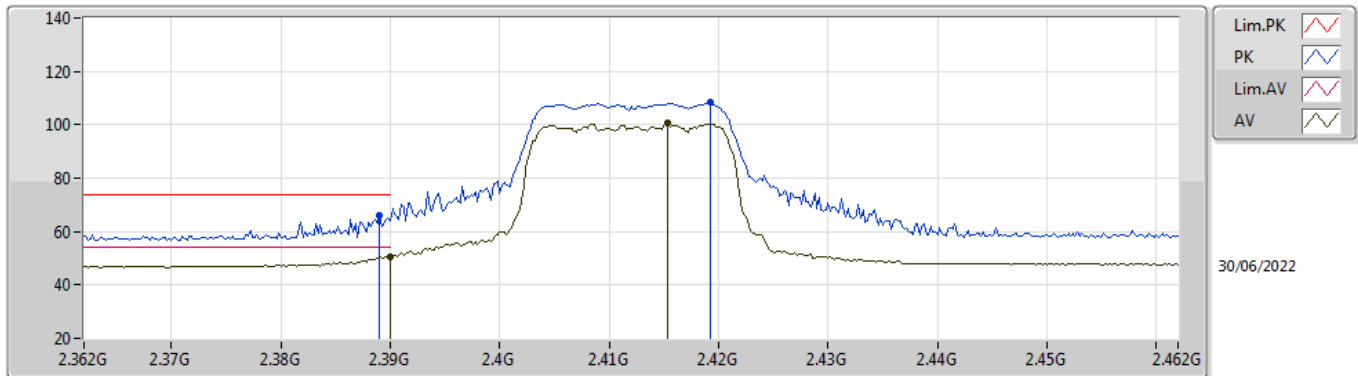
802.11g_Nss1,(6Mbps)_3TX
2462MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.92392G	32.84	54.00	-21.16	4.83	3	Horizontal	264	1.50	-	28.01	32.94	6.33	34.44
PK	4.90472G	44.55	74.00	-29.45	4.71	3	Horizontal	264	1.50	-	39.84	32.83	6.32	34.44

802.11n HT20_Nss1,(MCS0)_3TX

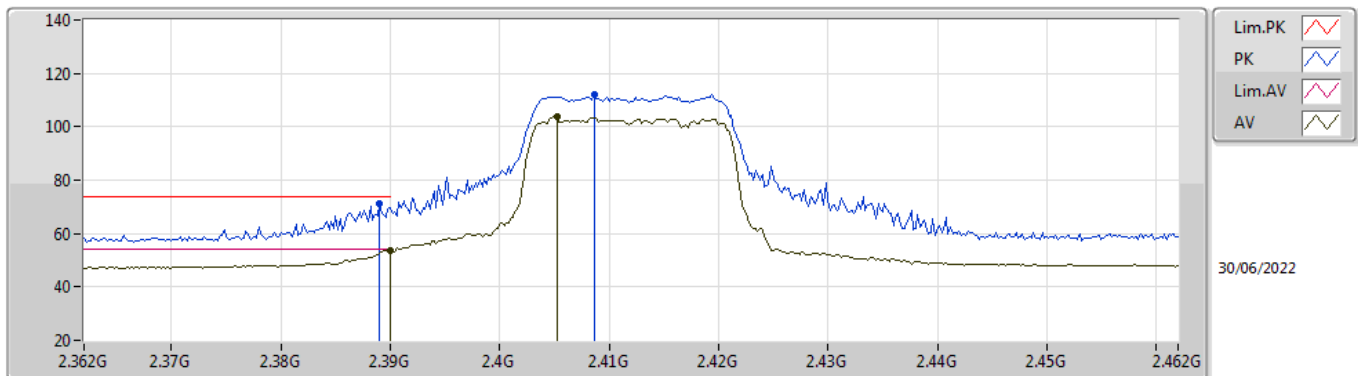
2412MHz_TX



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	50.64	54.00	-3.36	31.75	3	Vertical	108	1.50	-	18.89	27.38	4.37	-
AV	2.4154G	100.45	Inf	-Inf	31.86	3	Vertical	108	1.50	-	68.59	27.46	4.40	-
PK	2.389G	66.24	74.00	-7.76	31.75	3	Vertical	108	1.50	-	34.49	27.38	4.37	-
PK	2.4192G	108.42	Inf	-Inf	31.89	3	Vertical	108	1.50	-	76.53	27.48	4.41	-

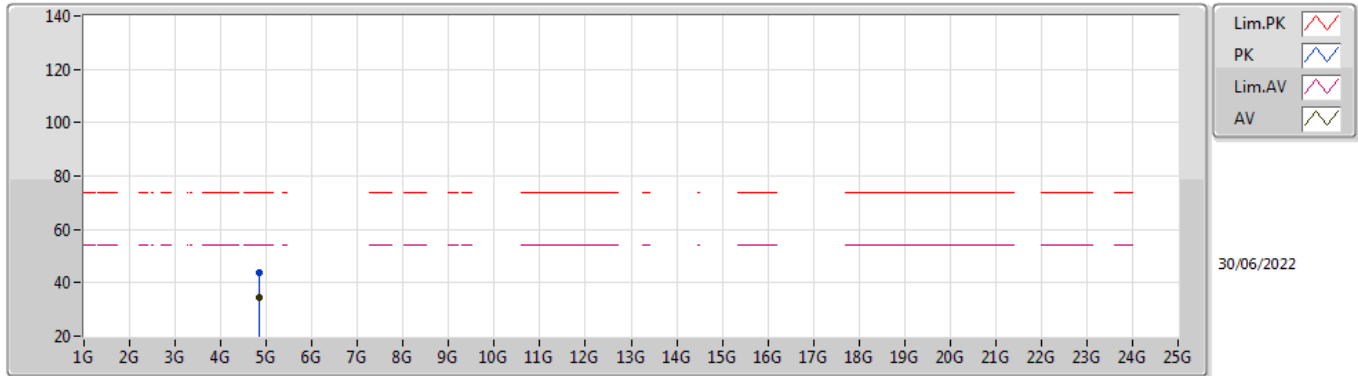
802.11n HT20_Nss1,(MCS0)_3TX

2412MHz_TX



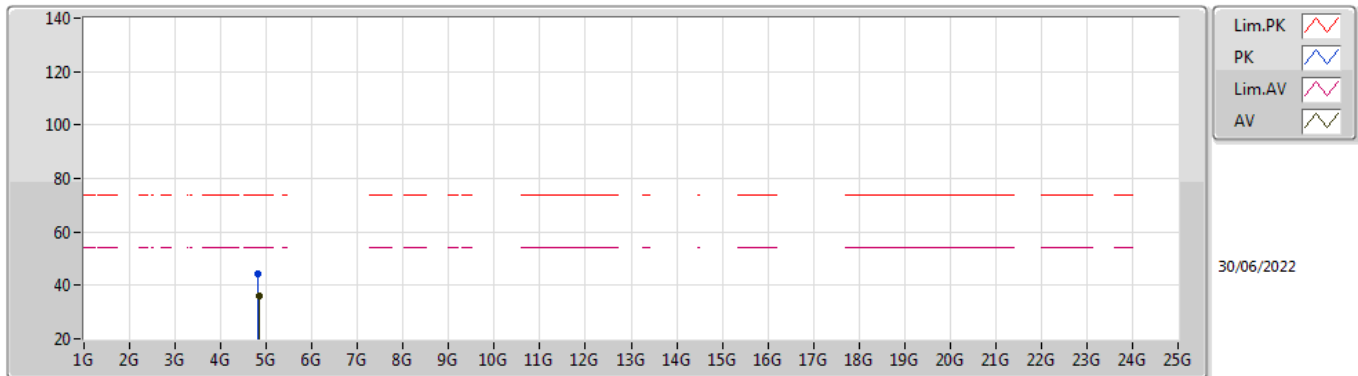
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	53.72	54.00	-0.28	31.75	3	Horizontal	50	1.71	-	21.97	27.38	4.37	-
AV	2.4052G	103.78	Inf	-Inf	31.81	3	Horizontal	50	1.71	-	71.97	27.42	4.39	-
PK	2.389G	71.15	74.00	-2.85	31.75	3	Horizontal	50	1.71	-	39.40	27.38	4.37	-
PK	2.4086G	112.17	Inf	-Inf	31.82	3	Horizontal	50	1.71	-	80.35	27.43	4.39	-

**802.11n HT20_Nss1,(MCS0)_3TX
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	4.84392G	34.38	54.00	-19.62	4.52	3	Vertical	215	1.37	-	29.86	32.68	6.29	34.45
PK	4.84384G	43.89	74.00	-30.11	4.52	3	Vertical	215	1.37	-	39.37	32.68	6.29	34.45

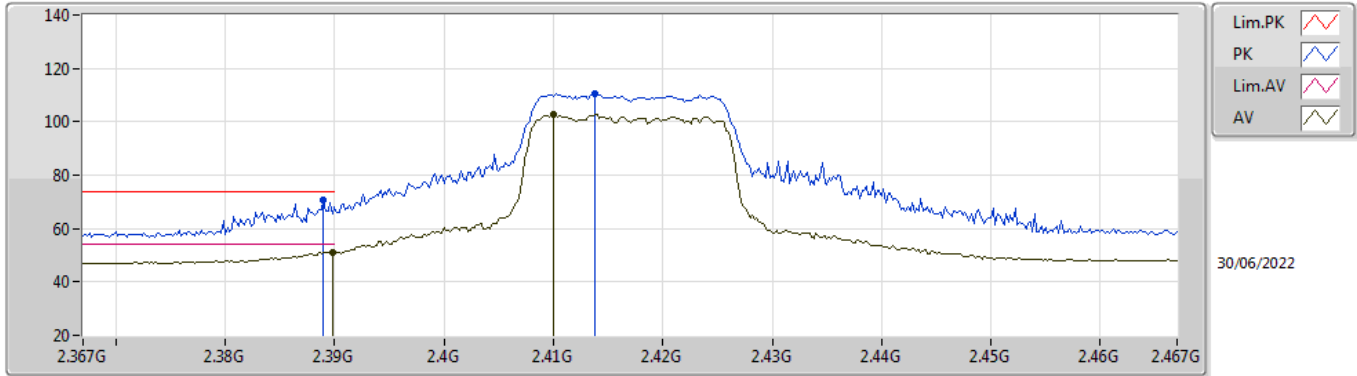
**802.11n HT20_Nss1,(MCS0)_3TX
2412MHz_TX**



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	4.84384G	35.84	54.00	-18.16	4.52	3	Horizontal	218	1.40	-	31.32	32.68	6.29	34.45
PK	4.80624G	44.34	74.00	-29.66	4.33	3	Horizontal	218	1.40	-	40.01	32.52	6.26	34.45

802.11n HT20_Nss1,(MCS0)_3TX

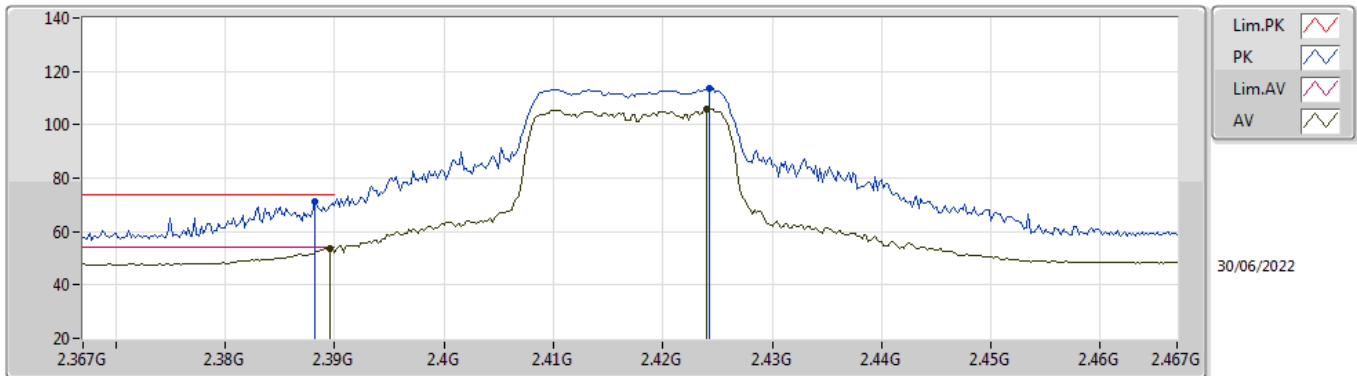
2417MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	51.26	54.00	-2.74	31.75	3	Vertical	108	1.55	-	19.51	27.38	4.37	-
AV	2.41G	102.77	Inf	-Inf	31.83	3	Vertical	108	1.55	-	70.94	27.44	4.39	-
PK	2.389G	70.70	74.00	-3.30	31.75	3	Vertical	108	1.55	-	38.95	27.38	4.37	-
PK	2.4138G	110.42	Inf	-Inf	31.86	3	Vertical	108	1.55	-	78.56	27.46	4.40	-

802.11n HT20_Nss1,(MCS0)_3TX

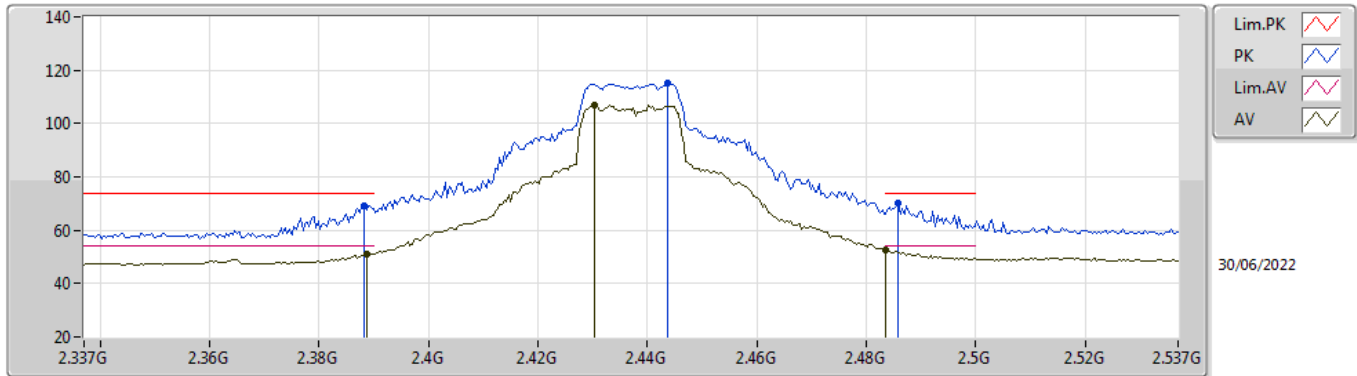
2417MHz_TX



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	2.3896G	53.71	54.00	-0.29	31.75	3	Horizontal	51	1.49	-	21.96	27.38	4.37	-
AV	2.424G	105.94	Inf	-Inf	31.91	3	Horizontal	51	1.49	-	74.03	27.50	4.41	-
PK	2.3882G	71.27	74.00	-2.73	31.75	3	Horizontal	51	1.49	-	39.52	27.38	4.37	-
PK	2.4242G	113.44	Inf	-Inf	31.92	3	Horizontal	51	1.49	-	81.52	27.50	4.42	-

802.11n HT20_Nss1,(MCS0)_3TX

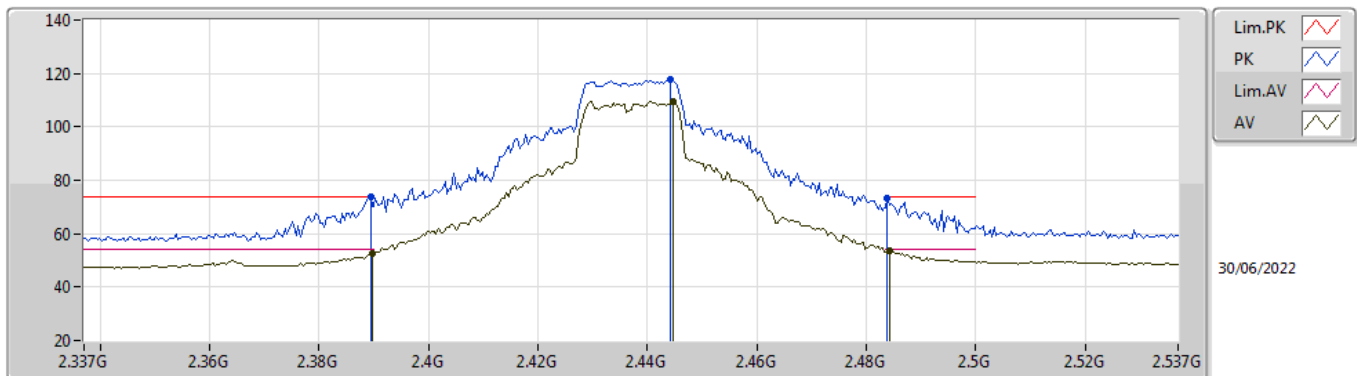
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3886G	51.25	54.00	-2.75	31.75	3	Vertical	102	1.11	-	19.50	27.38	4.37	-
AV	2.4302G	106.93	Inf	-Inf	31.94	3	Vertical	102	1.11	-	74.99	27.52	4.42	-
AV	2.4835G	52.65	54.00	-1.35	32.30	3	Vertical	102	1.11	-	20.35	27.80	4.50	-
PK	2.3882G	69.06	74.00	-4.94	31.75	3	Vertical	102	1.11	-	37.31	27.38	4.37	-
PK	2.4438G	115.38	Inf	-Inf	32.02	3	Vertical	102	1.11	-	83.36	27.58	4.44	-
PK	2.4858G	70.07	74.00	-3.93	32.31	3	Vertical	102	1.11	-	37.76	27.81	4.50	-

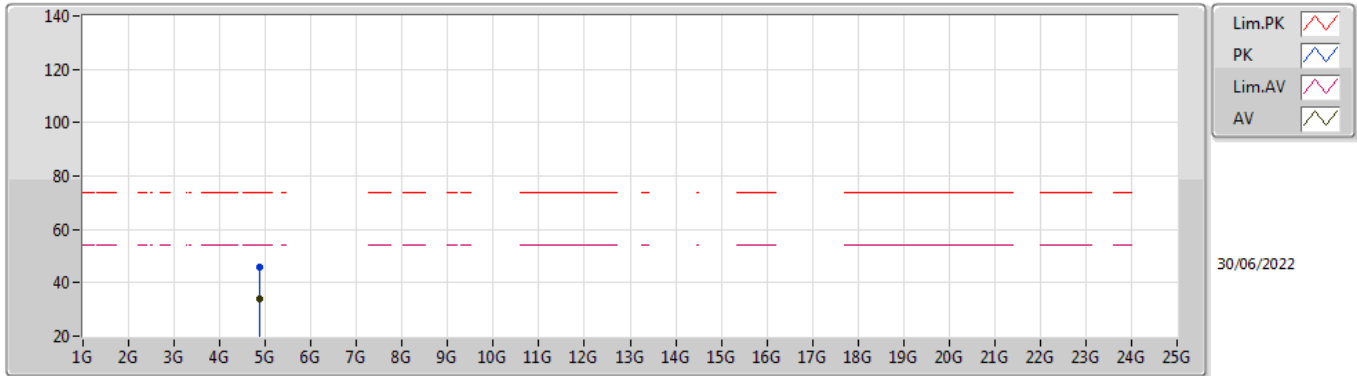
802.11n HT20_Nss1,(MCS0)_3TX

2437MHz_TX



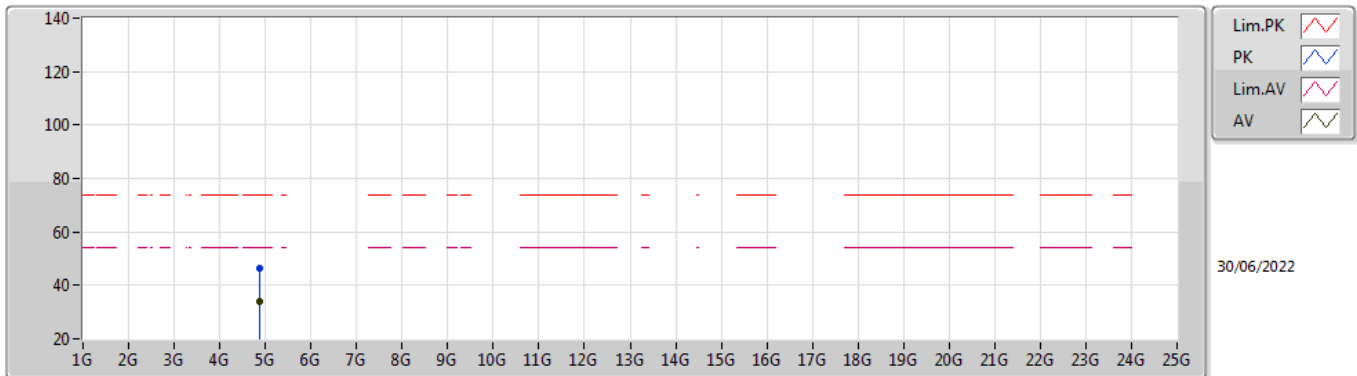
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	52.51	54.00	-1.49	31.75	3	Horizontal	51	1.43	-	20.76	27.38	4.37	-
AV	2.4446G	109.40	Inf	-Inf	32.02	3	Horizontal	51	1.43	-	77.38	27.58	4.44	-
AV	2.4842G	53.47	54.00	-0.53	32.31	3	Horizontal	51	1.43	-	21.16	27.81	4.50	-
PK	2.3894G	73.87	74.00	-0.13	31.75	3	Horizontal	51	1.43	-	42.12	27.38	4.37	-
PK	2.4442G	117.76	Inf	-Inf	32.02	3	Horizontal	51	1.43	-	85.74	27.58	4.44	-
PK	2.4838G	73.44	74.00	-0.56	32.30	3	Horizontal	51	1.43	-	41.14	27.80	4.50	-

**802.11n HT20_Nss1,(MCS0)_3TX
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	4.87048G	33.75	54.00	-20.25	4.60	3	Vertical	287	2.30	-	29.15	32.74	6.30	34.44
PK	4.87408G	45.94	74.00	-28.06	4.61	3	Vertical	287	2.30	-	41.33	32.75	6.30	34.44

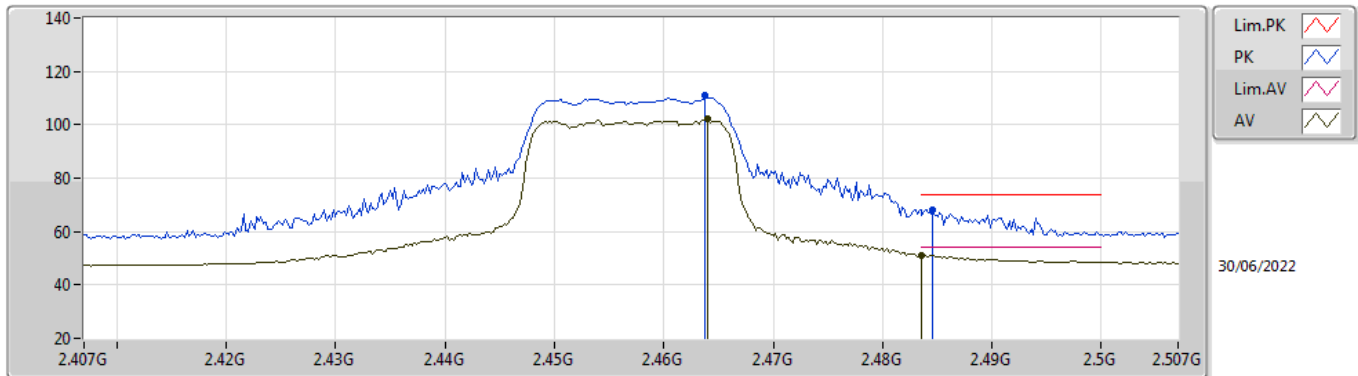
**802.11n HT20_Nss1,(MCS0)_3TX
2437MHz_TX**



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	4.87056G	33.89	54.00	-20.11	4.60	3	Horizontal	246	2.30	-	29.29	32.74	6.30	34.44
PK	4.87376G	46.46	74.00	-27.54	4.61	3	Horizontal	246	2.30	-	41.85	32.75	6.30	34.44

802.11n HT20_Nss1,(MCS0)_3TX

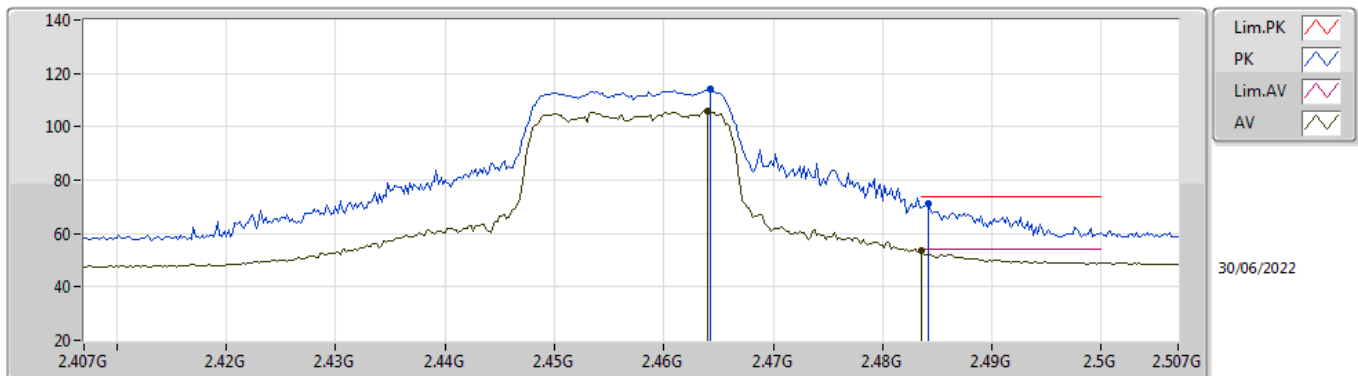
2457MHz_TX



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	2.464G	102.27	Inf	-Inf	32.15	3	Vertical	108	1.50	-	70.12	27.68	4.47	-
AV	2.4835G	51.26	54.00	-2.74	32.30	3	Vertical	108	1.50	-	18.96	27.80	4.50	-
PK	2.4638G	110.94	Inf	-Inf	32.15	3	Vertical	108	1.50	-	78.79	27.68	4.47	-
PK	2.4846G	68.28	74.00	-5.72	32.31	3	Vertical	108	1.50	-	35.97	27.81	4.50	-

802.11n HT20_Nss1,(MCS0)_3TX

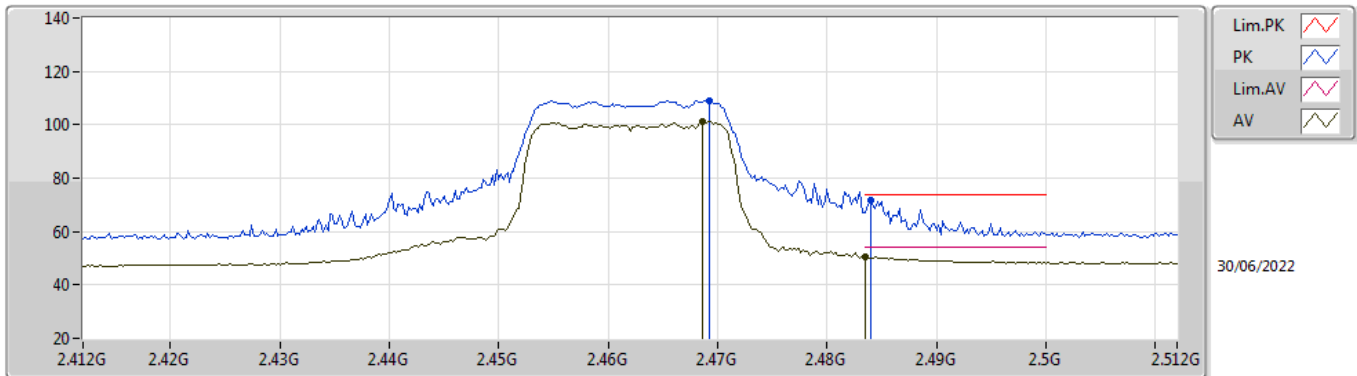
2457MHz_TX



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	2.464G	106.11	Inf	-Inf	32.15	3	Horizontal	65	2.04	-	73.96	27.68	4.47	-
AV	2.4835G	53.59	54.00	-0.41	32.30	3	Horizontal	65	2.04	-	21.29	27.80	4.50	-
PK	2.4642G	114.02	Inf	-Inf	32.16	3	Horizontal	65	2.04	-	81.86	27.69	4.47	-
PK	2.4842G	71.20	74.00	-2.80	32.31	3	Horizontal	65	2.04	-	38.89	27.81	4.50	-

802.11n HT20_Nss1,(MCS0)_3TX

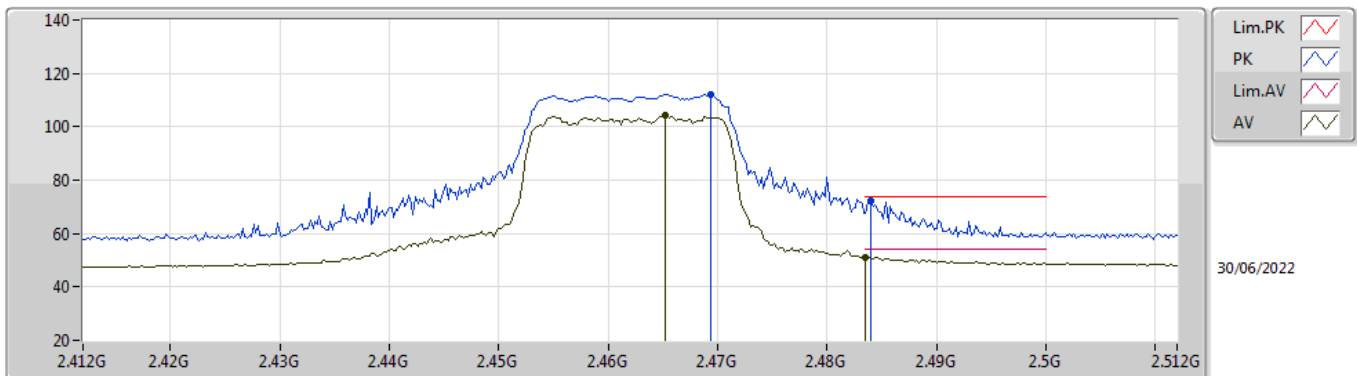
2462MHz_TX



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	2.4686G	101.02	Inf	-Inf	32.19	3	Vertical	105	1.27	-	68.83	27.71	4.48	-
AV	2.4835G	50.56	54.00	-3.44	32.30	3	Vertical	105	1.27	-	18.26	27.80	4.50	-
PK	2.4692G	109.22	Inf	-Inf	32.20	3	Vertical	105	1.27	-	77.02	27.72	4.48	-
PK	2.484G	71.90	74.00	-2.10	32.30	3	Vertical	105	1.27	-	39.60	27.80	4.50	-

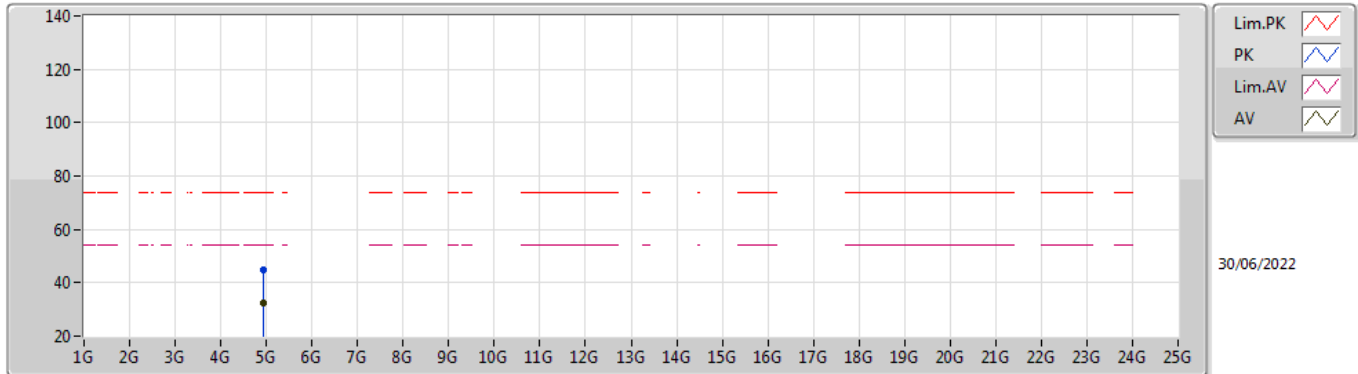
802.11n HT20_Nss1,(MCS0)_3TX

2462MHz_TX



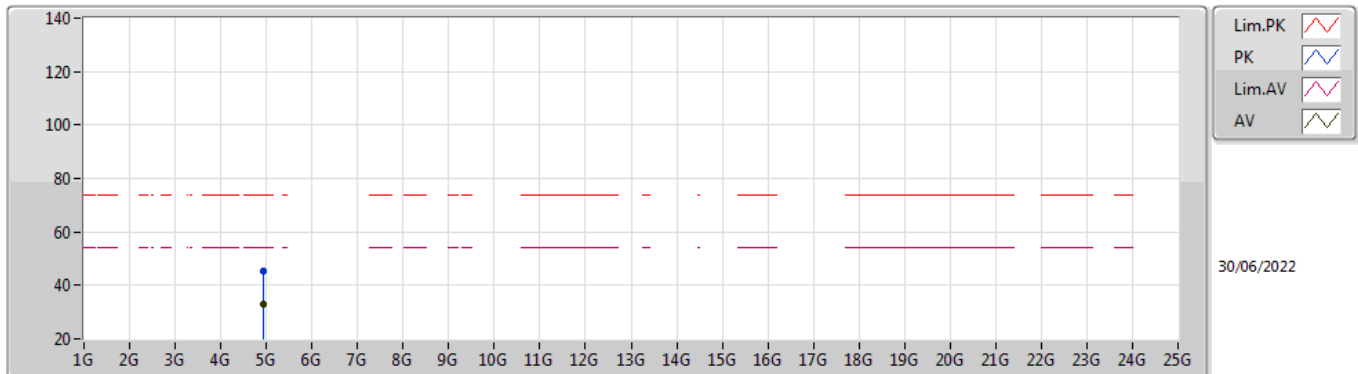
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4652G	104.33	Inf	-Inf	32.16	3	Horizontal	59	2.03	-	72.17	27.69	4.47	-
AV	2.4835G	51.26	54.00	-2.74	32.30	3	Horizontal	59	2.03	-	18.96	27.80	4.50	-
PK	2.4694G	112.22	Inf	-Inf	32.20	3	Horizontal	59	2.03	-	80.02	27.72	4.48	-
PK	2.484G	72.33	74.00	-1.67	32.30	3	Horizontal	59	2.03	-	40.03	27.80	4.50	-

802.11n HT20_Nss1,(MCS0)_3TX
2462MHz_TX



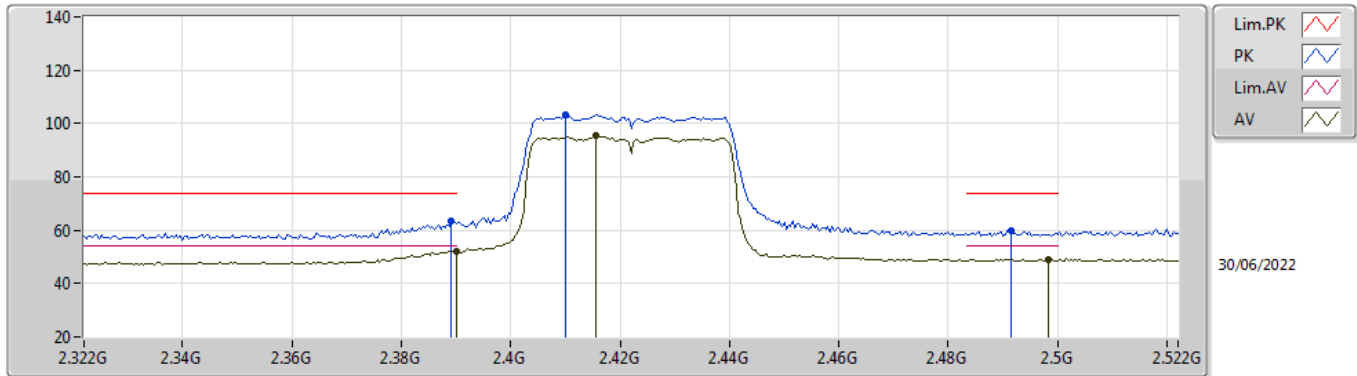
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AV	4.94152G	32.63	54.00	-21.37	4.95	3	Vertical	30	1.62	-	27.68	33.05	6.34	34.44
PK	4.93736G	44.88	74.00	-29.12	4.92	3	Vertical	30	1.62	-	39.96	33.02	6.34	34.44

802.11n HT20_Nss1,(MCS0)_3TX
2462MHz_TX



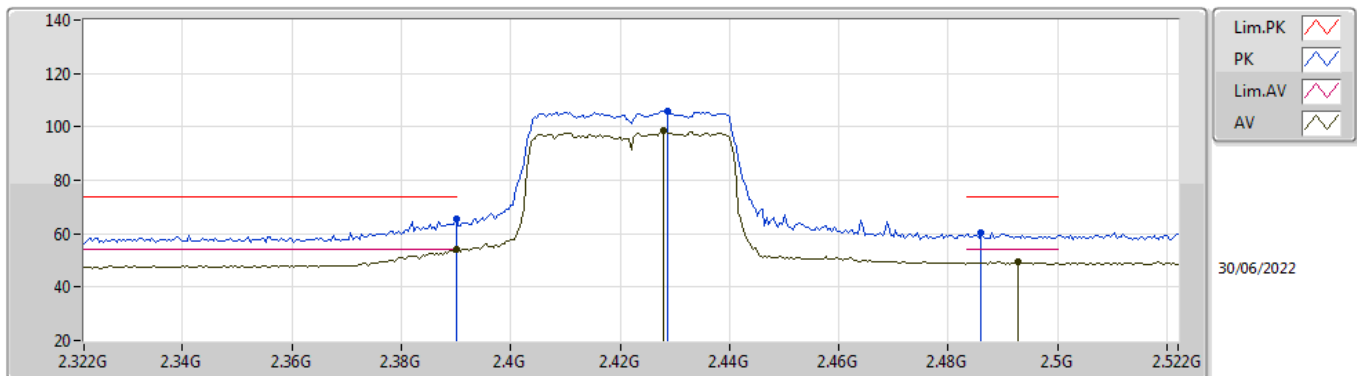
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.9244G	32.86	54.00	-21.14	4.84	3	Horizontal	255	2.22	-	28.02	32.95	6.33	34.44
PK	4.92312G	45.17	74.00	-28.83	4.83	3	Horizontal	255	2.22	-	40.34	32.94	6.33	34.44

802.11n HT40_Nss1,(MCS0)_3TX
2422MHz_TX



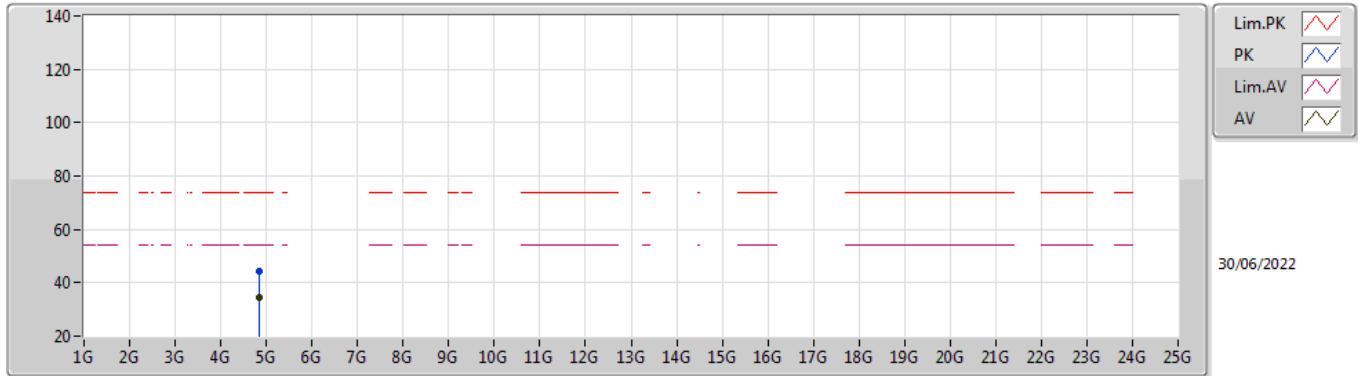
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	51.98	54.00	-2.02	31.75	3	Vertical	105	1.33	-	20.23	27.38	4.37	-
AV	2.4156G	95.51	Inf	-Inf	31.86	3	Vertical	105	1.33	-	63.65	27.46	4.40	-
AV	2.4984G	49.05	54.00	-4.95	32.41	3	Vertical	105	1.33	-	16.64	27.89	4.52	-
PK	2.3892G	63.29	74.00	-10.71	31.75	3	Vertical	105	1.33	-	31.54	27.38	4.37	-
PK	2.41G	103.41	Inf	-Inf	31.83	3	Vertical	105	1.33	-	71.58	27.44	4.39	-
PK	2.4916G	60.05	74.00	-13.95	32.36	3	Vertical	105	1.33	-	27.69	27.85	4.51	-

802.11n HT40_Nss1,(MCS0)_3TX
2422MHz_TX



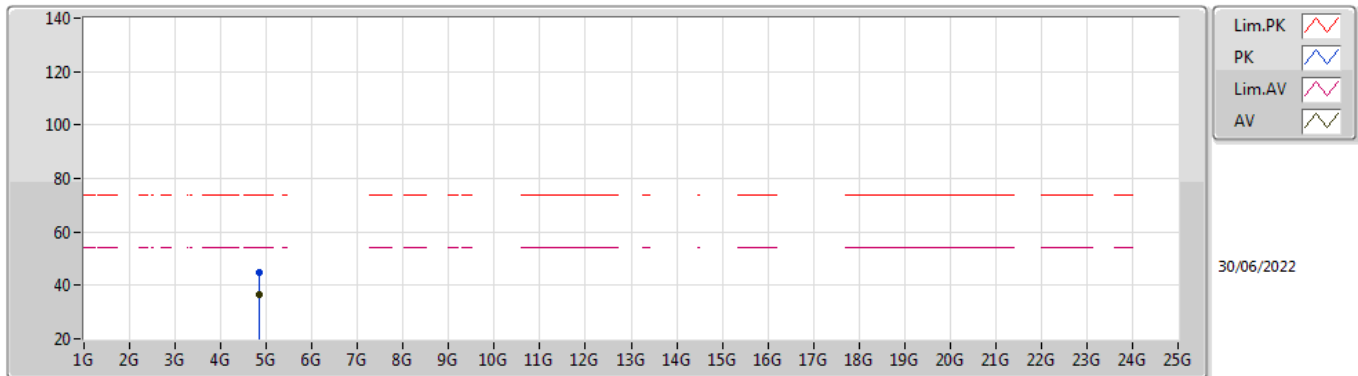
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	53.94	54.00	-0.06	31.75	3	Horizontal	54	1.49	-	22.19	27.38	4.37	-
AV	2.428G	98.52	Inf	-Inf	31.93	3	Horizontal	54	1.49	-	66.59	27.51	4.42	-
AV	2.4928G	49.24	54.00	-4.76	32.37	3	Horizontal	54	1.49	-	16.87	27.86	4.51	-
PK	2.39G	65.26	74.00	-8.74	31.75	3	Horizontal	54	1.49	-	33.51	27.38	4.37	-
PK	2.4288G	105.90	Inf	-Inf	31.94	3	Horizontal	54	1.49	-	73.96	27.52	4.42	-
PK	2.486G	60.21	74.00	-13.79	32.32	3	Horizontal	54	1.49	-	27.89	27.82	4.50	-

802.11n HT40_Nss1,(MCS0)_3TX
2422MHz_TX



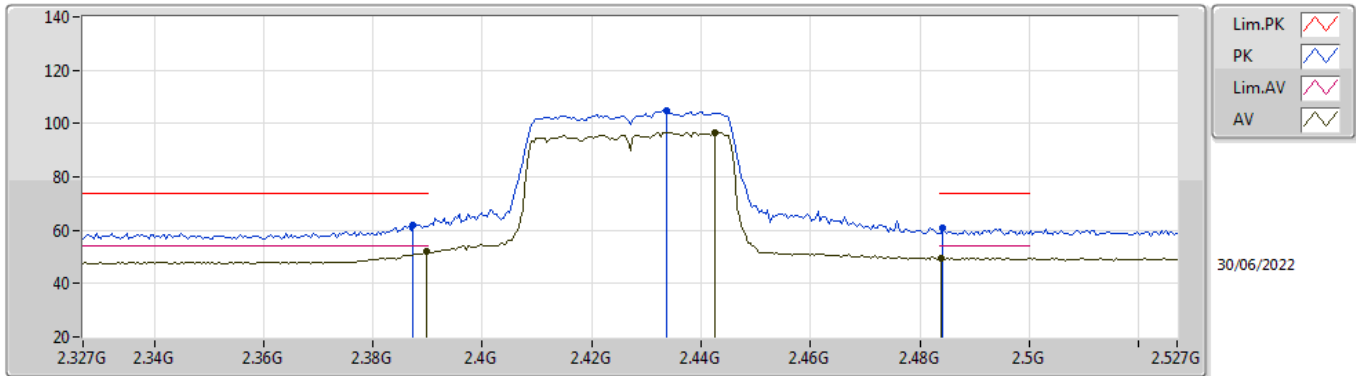
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.8436G	34.56	54.00	-19.44	4.51	3	Vertical	84	2.67	-	30.05	32.67	6.29	34.45
PK	4.84376G	44.32	74.00	-29.68	4.52	3	Vertical	84	2.67	-	39.80	32.68	6.29	34.45

802.11n HT40_Nss1,(MCS0)_3TX
2422MHz_TX



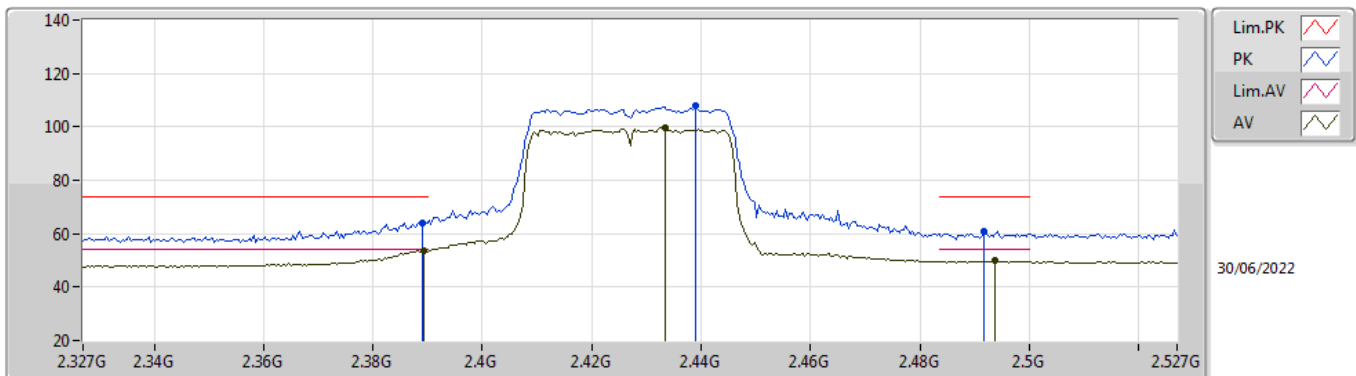
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.84376G	36.36	54.00	-17.64	4.52	3	Horizontal	218	1.37	-	31.84	32.68	6.29	34.45
PK	4.84408G	44.96	74.00	-29.04	4.52	3	Horizontal	218	1.37	-	40.44	32.68	6.29	34.45

**802.11n HT40_Nss1,(MCS0)_3TX
2427MHz_TX**



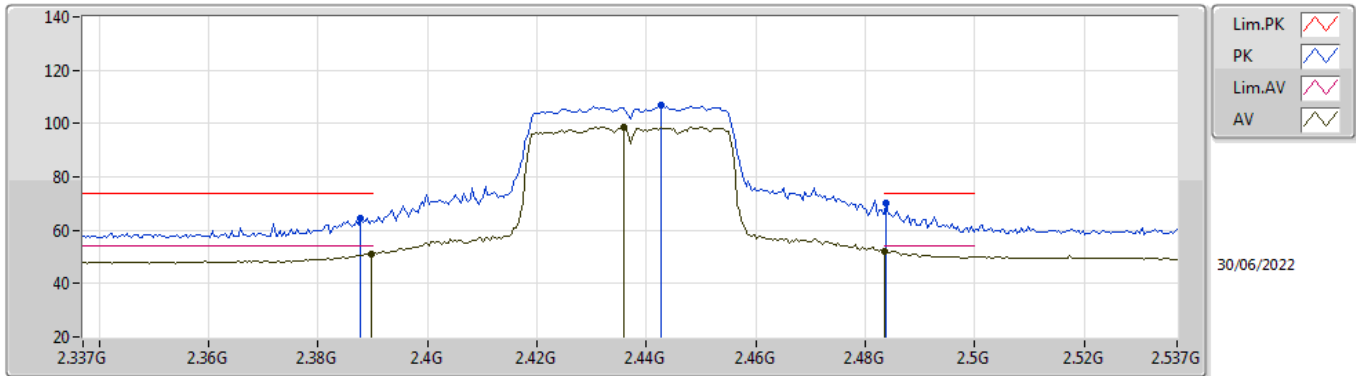
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	51.83	54.00	-2.17	31.75	3	Vertical	104	1.06	-	20.08	27.38	4.37	-
AV	2.4426G	96.59	Inf	-Inf	32.01	3	Vertical	104	1.06	-	64.58	27.57	4.44	-
AV	2.4838G	49.61	54.00	-4.39	32.30	3	Vertical	104	1.06	-	17.31	27.80	4.50	-
PK	2.3874G	62.12	74.00	-11.88	31.74	3	Vertical	104	1.06	-	30.38	27.37	4.37	-
PK	2.4338G	104.75	Inf	-Inf	31.97	3	Vertical	104	1.06	-	72.78	27.54	4.43	-
PK	2.4842G	60.66	74.00	-13.34	32.31	3	Vertical	104	1.06	-	28.35	27.81	4.50	-

**802.11n HT40_Nss1,(MCS0)_3TX
2427MHz_TX**



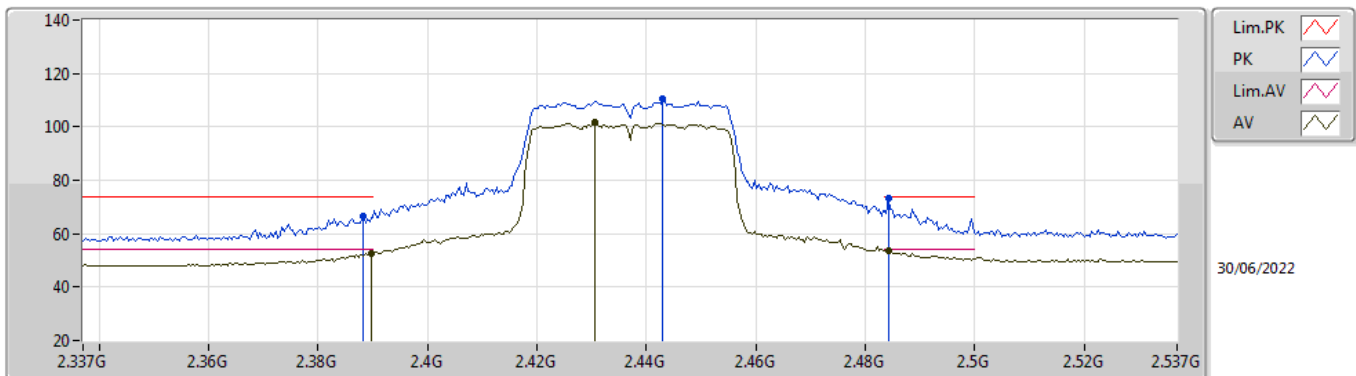
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3894G	53.83	54.00	-0.17	31.75	3	Horizontal	52	1.49	-	22.08	27.38	4.37	-
AV	2.4334G	99.89	Inf	-Inf	31.96	3	Horizontal	52	1.49	-	67.93	27.53	4.43	-
AV	2.4938G	49.86	54.00	-4.14	32.38	3	Horizontal	52	1.49	-	17.48	27.86	4.52	-
PK	2.389G	64.21	74.00	-9.79	31.75	3	Horizontal	52	1.49	-	32.46	27.38	4.37	-
PK	2.439G	107.74	Inf	-Inf	32.00	3	Horizontal	52	1.49	-	75.74	27.56	4.44	-
PK	2.4918G	60.97	74.00	-13.03	32.36	3	Horizontal	52	1.49	-	28.61	27.85	4.51	-

802.11n HT40_Nss1,(MCS0)_3TX
2437MHz_TX



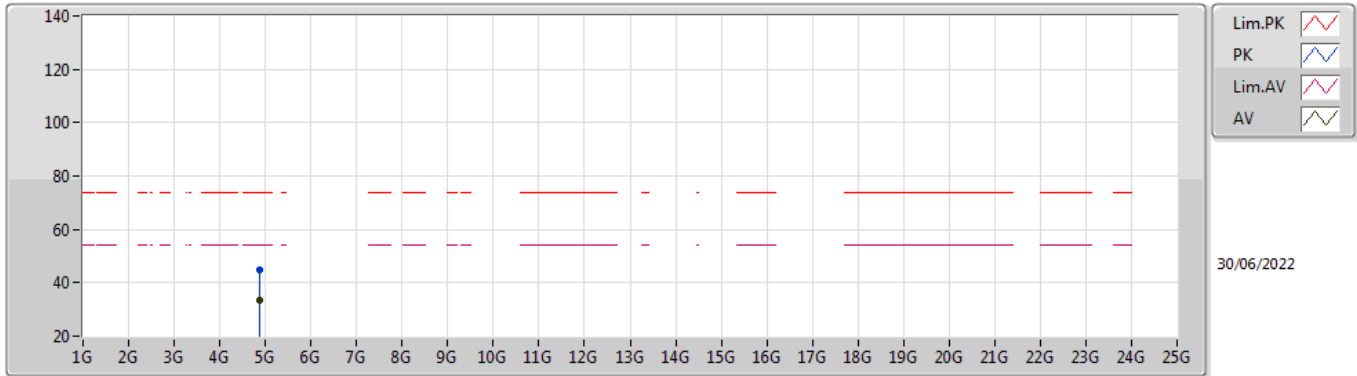
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	51.10	54.00	-2.90	31.75	3	Vertical	103	1.05	-	19.35	27.38	4.37	-
AV	2.4358G	98.58	Inf	-Inf	31.97	3	Vertical	103	1.05	-	66.61	27.54	4.43	-
AV	2.4835G	52.21	54.00	-1.79	32.30	3	Vertical	103	1.05	-	19.91	27.80	4.50	-
PK	2.3878G	64.66	74.00	-9.34	31.75	3	Vertical	103	1.05	-	32.91	27.38	4.37	-
PK	2.4426G	106.76	Inf	-Inf	32.01	3	Vertical	103	1.05	-	74.75	27.57	4.44	-
PK	2.4838G	70.40	74.00	-3.60	32.30	3	Vertical	103	1.05	-	38.10	27.80	4.50	-

802.11n HT40_Nss1,(MCS0)_3TX
2437MHz_TX



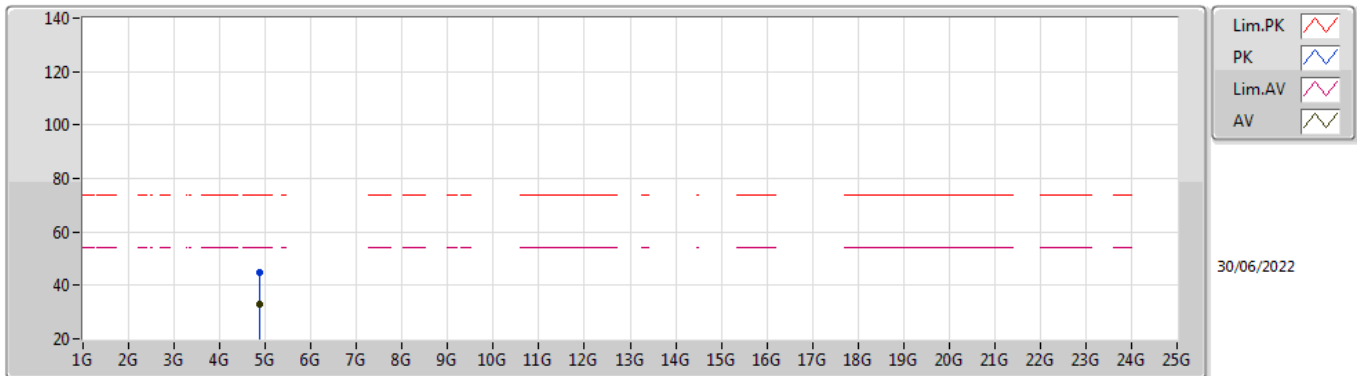
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	52.51	54.00	-1.49	31.75	3	Horizontal	53	1.47	-	20.76	27.38	4.37	-
AV	2.4306G	101.49	Inf	-Inf	31.94	3	Horizontal	53	1.47	-	69.55	27.52	4.42	-
AV	2.4842G	53.60	54.00	-0.40	32.31	3	Horizontal	53	1.47	-	21.29	27.81	4.50	-
PK	2.3882G	66.80	74.00	-7.20	31.75	3	Horizontal	53	1.47	-	35.05	27.38	4.37	-
PK	2.443G	110.36	Inf	-Inf	32.01	3	Horizontal	53	1.47	-	78.35	27.57	4.44	-
PK	2.4842G	73.38	74.00	-0.62	32.31	3	Horizontal	53	1.47	-	41.07	27.81	4.50	-

**802.11n HT40_Nss1,(MCS0)_3TX
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	4.87464G	33.21	54.00	-20.79	4.61	3	Vertical	280	1.49	-	28.60	32.75	6.30	34.44
PK	4.86512G	44.65	74.00	-29.35	4.59	3	Vertical	280	1.49	-	40.06	32.73	6.30	34.44

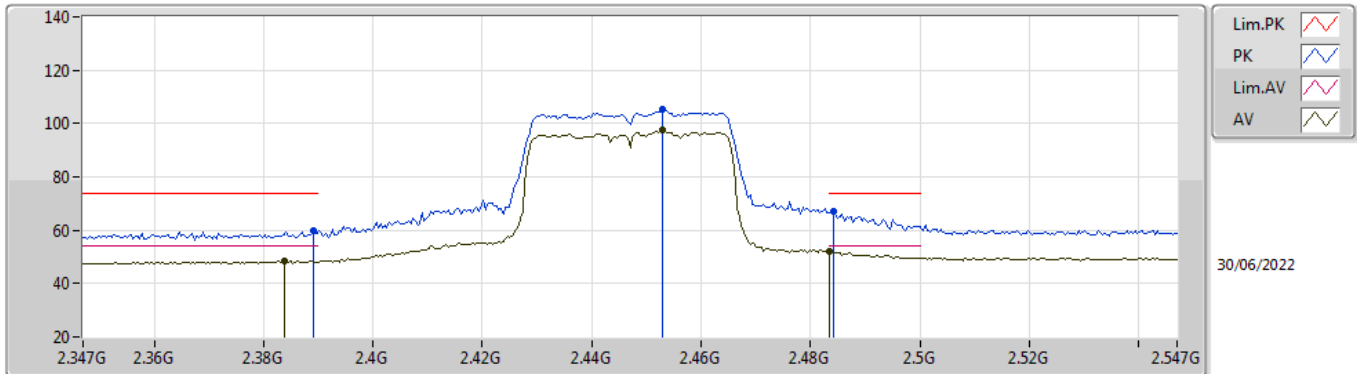
**802.11n HT40_Nss1,(MCS0)_3TX
2437MHz_TX**



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	4.8672G	33.08	54.00	-20.92	4.59	3	Horizontal	261	1.50	-	28.49	32.73	6.30	34.44
PK	4.88496G	44.61	74.00	-29.39	4.64	3	Horizontal	261	1.50	-	39.97	32.77	6.31	34.44

802.11n HT40_Nss1,(MCS0)_3TX

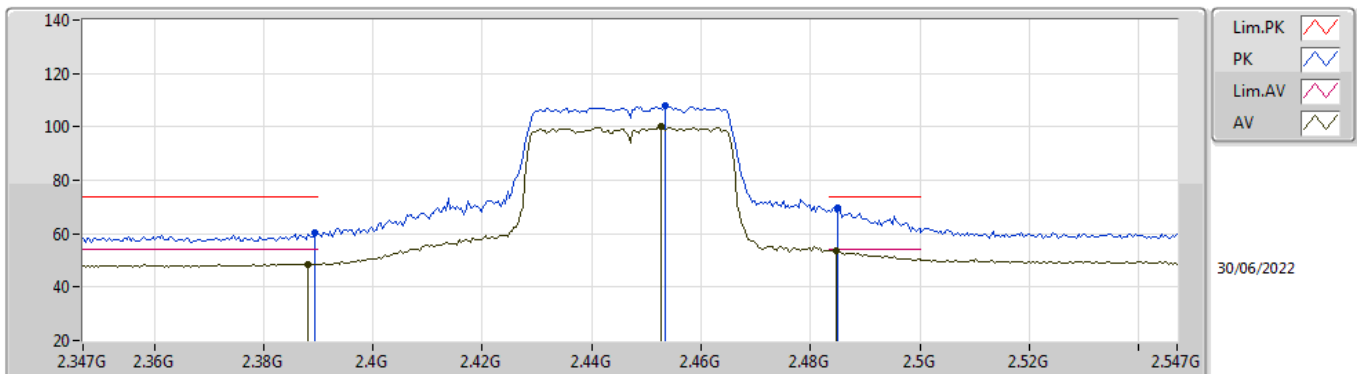
2447MHz_TX



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	48.40	54.00	-5.60	31.73	3	Vertical	107	1.34	-	16.67	27.37	4.36	-
AV	2.453G	97.34	Inf	-Inf	32.08	3	Vertical	107	1.34	-	65.26	27.62	4.46	-
AV	2.4835G	52.06	54.00	-1.94	32.30	3	Vertical	107	1.34	-	19.76	27.80	4.50	-
PK	2.389G	59.92	74.00	-14.08	31.75	3	Vertical	107	1.34	-	28.17	27.38	4.37	-
PK	2.453G	105.09	Inf	-Inf	32.08	3	Vertical	107	1.34	-	73.01	27.62	4.46	-
PK	2.4842G	67.31	74.00	-6.69	32.31	3	Vertical	107	1.34	-	35.00	27.81	4.50	-

802.11n HT40_Nss1,(MCS0)_3TX

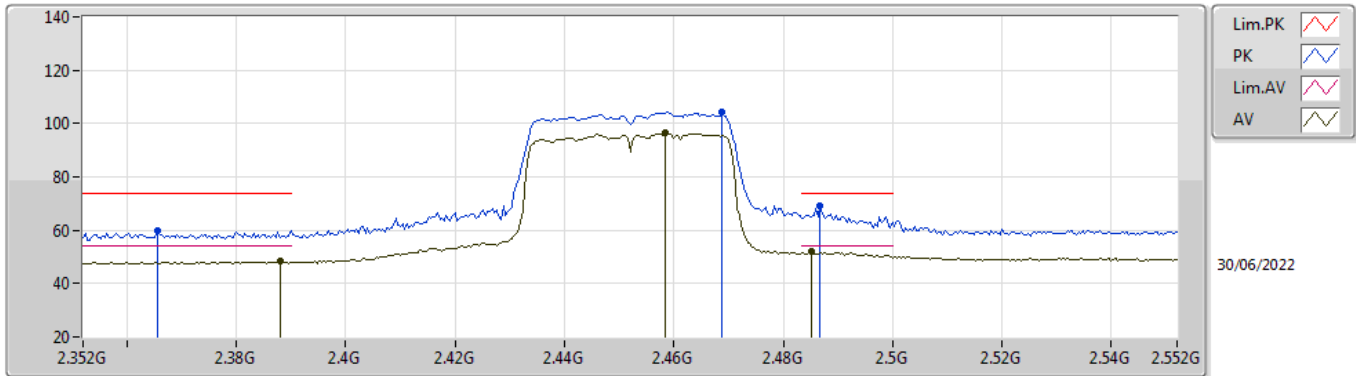
2447MHz_TX



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	2.3882G	48.65	54.00	-5.35	31.75	3	Horizontal	52	1.39	-	16.90	27.38	4.37	-
AV	2.4526G	100.30	Inf	-Inf	32.08	3	Horizontal	52	1.39	-	68.22	27.62	4.46	-
AV	2.4846G	53.85	54.00	-0.15	32.31	3	Horizontal	52	1.39	-	21.54	27.81	4.50	-
PK	2.3894G	60.14	74.00	-13.86	31.75	3	Horizontal	52	1.39	-	28.39	27.38	4.37	-
PK	2.4534G	108.01	Inf	-Inf	32.08	3	Horizontal	52	1.39	-	75.93	27.62	4.46	-
PK	2.485G	69.66	74.00	-4.34	32.31	3	Horizontal	52	1.39	-	37.35	27.81	4.50	-

802.11n HT40_Nss1,(MCS0)_3TX

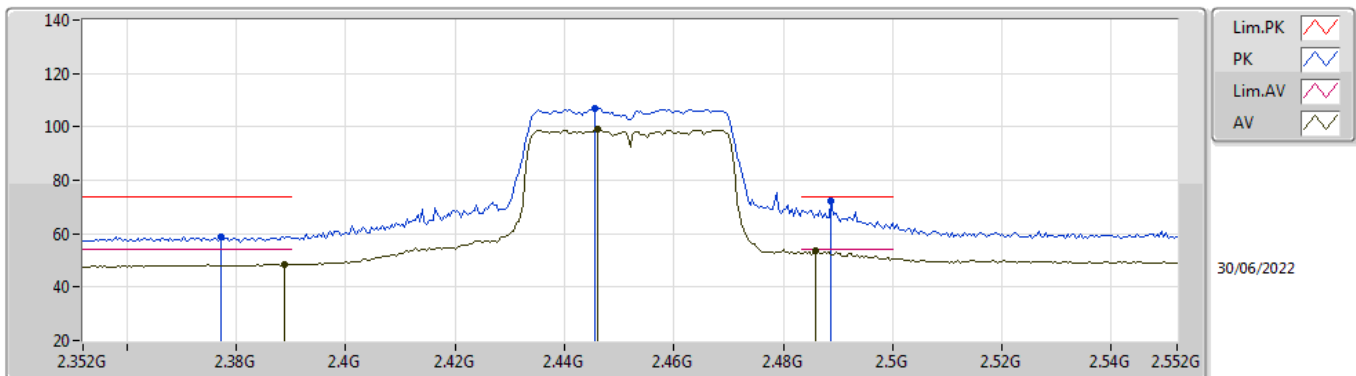
2452MHz_TX



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	2.388G	48.23	54.00	-5.77	31.75	3	Vertical	108	1.50	-	16.48	27.38	4.37	-
AV	2.4584G	96.49	Inf	-Inf	32.11	3	Vertical	108	1.50	-	64.38	27.65	4.46	-
AV	2.4852G	51.91	54.00	-2.09	32.31	3	Vertical	108	1.50	-	19.60	27.81	4.50	-
PK	2.3656G	59.98	74.00	-14.02	31.67	3	Vertical	108	1.50	-	28.31	27.33	4.34	-
PK	2.4688G	104.29	Inf	-Inf	32.19	3	Vertical	108	1.50	-	72.10	27.71	4.48	-
PK	2.4868G	68.92	74.00	-5.08	32.33	3	Vertical	108	1.50	-	36.59	27.82	4.51	-

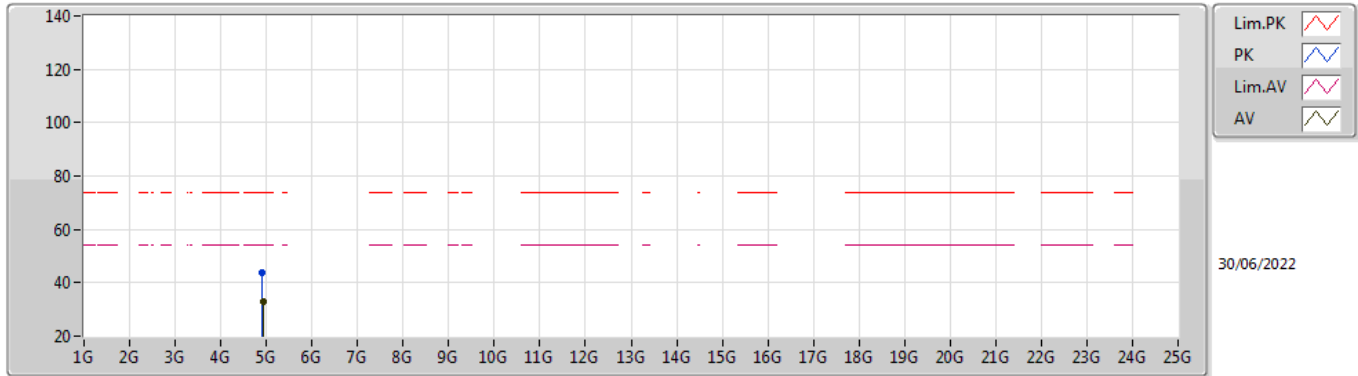
802.11n HT40_Nss1,(MCS0)_3TX

2452MHz_TX



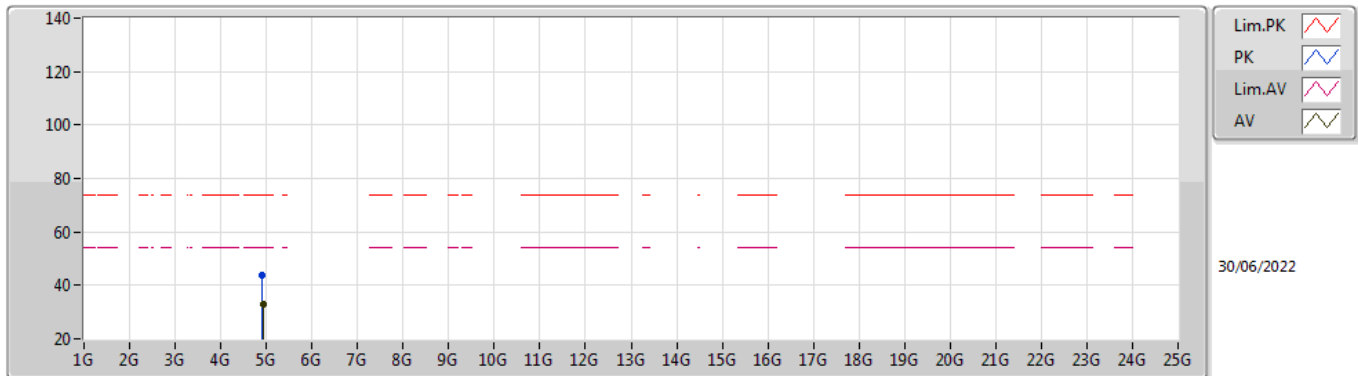
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3888G	48.45	54.00	-5.55	31.75	3	Horizontal	57	1.49	-	16.70	27.38	4.37	-
AV	2.446G	99.09	Inf	-Inf	32.03	3	Horizontal	57	1.49	-	67.06	27.58	4.45	-
AV	2.486G	53.61	54.00	-0.39	32.32	3	Horizontal	57	1.49	-	21.29	27.82	4.50	-
PK	2.3772G	59.05	74.00	-14.95	31.71	3	Horizontal	57	1.49	-	27.34	27.35	4.36	-
PK	2.4456G	106.88	Inf	-Inf	32.03	3	Horizontal	57	1.49	-	74.85	27.58	4.45	-
PK	2.4888G	72.05	74.00	-1.95	32.34	3	Horizontal	57	1.49	-	39.71	27.83	4.51	-

802.11n HT40_Nss1,(MCS0)_3TX
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	4.9236G	33.09	54.00	-20.91	4.83	3	Vertical	118	1.59	-	28.26	32.94	6.33	34.44
PK	4.9004G	43.62	74.00	-30.38	4.68	3	Vertical	118	1.59	-	38.94	32.80	6.32	34.44

802.11n HT40_Nss1,(MCS0)_3TX
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	4.92128G	33.13	54.00	-20.87	4.82	3	Horizontal	111	1.74	-	28.31	32.93	6.33	34.44
PK	4.91896G	43.58	74.00	-30.42	4.80	3	Horizontal	111	1.74	-	38.78	32.91	6.33	34.44



Summary

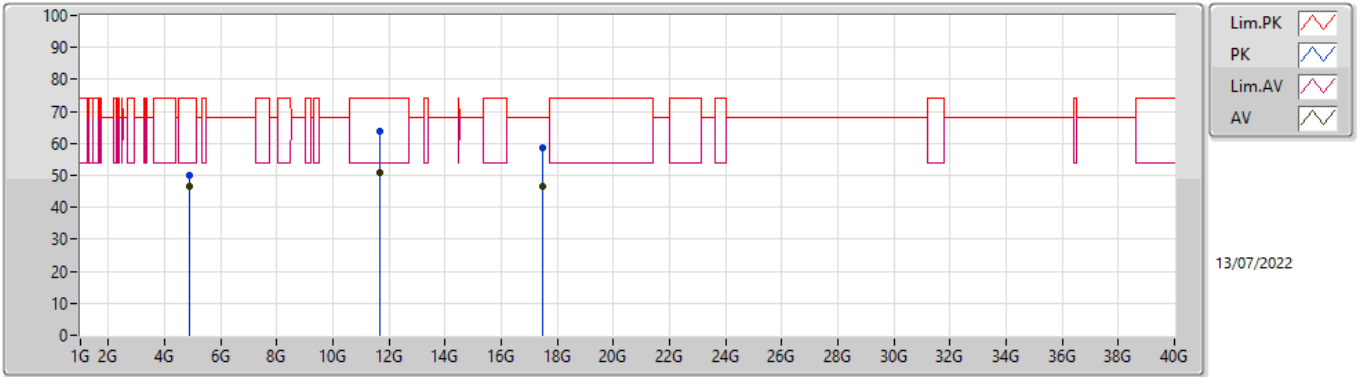
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	AV	11.65589G	50.98	54.00	-3.02	Vertical



Result

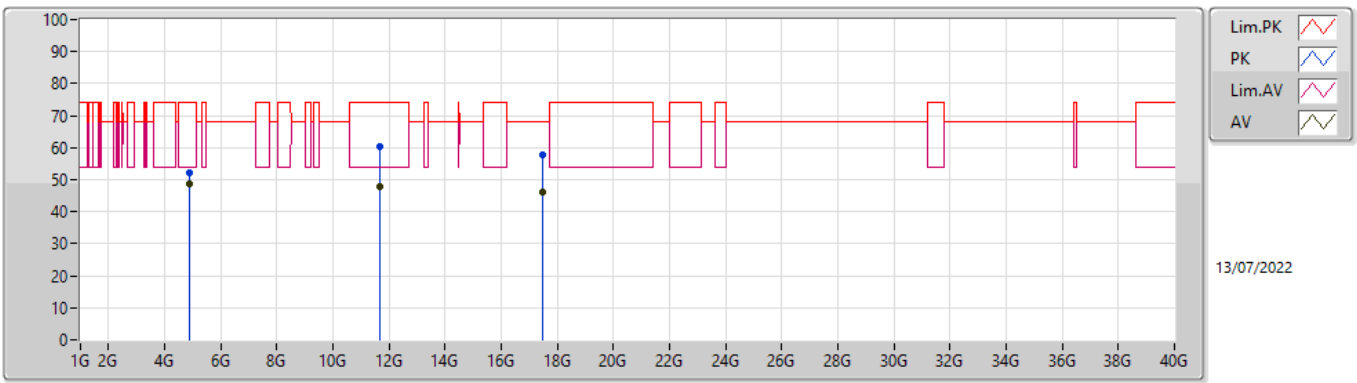
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
Mode 1	Pass	AV	4.87402G	46.55	54.00	-7.45	3	Vertical	273	2.00	-
Mode 1	Pass	AV	11.65589G	50.98	54.00	-3.02	3	Vertical	234	1.90	-
Mode 1	Pass	AV	17.47494G	46.41	68.20	-21.79	3	Vertical	74	1.68	-
Mode 1	Pass	PK	4.87402G	50.03	74.00	-23.97	3	Vertical	273	2.00	-
Mode 1	Pass	PK	11.65549G	63.59	74.00	-10.41	3	Vertical	234	1.90	-
Mode 1	Pass	PK	17.47895G	58.59	68.20	-9.61	3	Vertical	74	1.68	-
Mode 1	Pass	AV	4.874G	48.50	54.00	-5.50	3	Horizontal	258	1.62	-
Mode 1	Pass	AV	11.65629G	48.06	54.00	-5.94	3	Horizontal	301	1.50	-
Mode 1	Pass	AV	17.47518G	46.00	68.20	-22.20	3	Horizontal	290	1.03	-
Mode 1	Pass	PK	4.87398G	52.20	74.00	-21.80	3	Horizontal	258	1.62	-
Mode 1	Pass	PK	11.65549G	60.30	74.00	-13.70	3	Horizontal	301	1.50	-
Mode 1	Pass	PK	17.47686G	57.63	68.20	-10.57	3	Horizontal	290	1.03	-

Radiated Emissions above 1GHz_Mode 1



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV/m)	AF (dB/m)	CL (dB)	PA (dB)
AV	4.87402G	46.55	54.00	-7.45	4.61	3	Vertical	273	2.00	-	41.94	32.75	6.30	34.44
AV	11.65589G	50.98	54.00	-3.02	14.76	3	Vertical	234	1.90	-	36.22	38.84	9.97	34.05
AV	17.47494G	46.41	68.20	-21.79	17.07	3	Vertical	74	1.68	-	29.34	38.87	12.43	34.23
PK	4.87402G	50.03	74.00	-23.97	4.61	3	Vertical	273	2.00	-	45.42	32.75	6.30	34.44
PK	11.65549G	63.59	74.00	-10.41	14.76	3	Vertical	234	1.90	-	48.83	38.84	9.97	34.05
PK	17.47895G	58.59	68.20	-9.61	17.08	3	Vertical	74	1.68	-	41.51	38.88	12.43	34.23

Radiated Emissions above 1GHz_Mode 1



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV/m)	AF (dB/m)	CL (dB)	PA (dB)
AV	4.874G	48.50	54.00	-5.50	4.61	3	Horizontal	258	1.62	-	43.89	32.75	6.30	34.44
AV	11.65629G	48.06	54.00	-5.94	14.76	3	Horizontal	301	1.50	-	33.30	38.84	9.97	34.05
AV	17.47518G	46.00	68.20	-22.20	17.08	3	Horizontal	290	1.03	-	28.92	38.88	12.43	34.23
PK	4.87398G	52.20	74.00	-21.80	4.61	3	Horizontal	258	1.62	-	47.59	32.75	6.30	34.44
PK	11.65549G	60.30	74.00	-13.70	14.76	3	Horizontal	301	1.50	-	45.54	38.84	9.97	34.05
PK	17.47686G	57.63	68.20	-10.57	17.08	3	Horizontal	290	1.03	-	40.55	38.88	12.43	34.23