

FCC Radio Test Report

FCC ID : R49MCW10
Equipment : Wireless LAN Unit
Brand Name : STAR MICRONICS CO., LTD.
Model Name : MCW10
Applicant : STAR MICRONICS CO., LTD.
20-10 NAKAYOSHIDA, SURUGA-ku,
SHIZUOKA-shi, SHIZUOKA 422-8654, JAPAN
Manufacturer : EDIMAX TECHNOLOGY CO., LTD.
No. 278, Xinhua 1st Rd., Neihu Dist., Taipei
City, Taiwan.
Standard : 47 CFR FCC Part 15.247

The product was received on Jan. 27, 2021, and testing was started from Jan. 27, 2021 and completed on May 10, 2021. We, SPORTON INTERNATIONAL INC. Hsinhua Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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



Approved by: Allen Lin

SPORTON INTERNATIONAL INC. Hsinhua Laboratory

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



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History of this test report

Report No.	Version	Description	Issued Date
FR142161AC	01	Initial issue of report	Oct. 19, 2021

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: Ben Tseng

Report Producer: Debby Hung

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
2400-2483.5	b, g, n (HT20)	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	1TX
2.4-2.4835GHz	802.11g	20	1TX
2.4-2.4835GHz	802.11n HT20	20	1TX
2.4-2.4835GHz	802.11n HT40	40	1TX

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	LYNwave	ALX20M-052AA2	PIFA antenna	N/A
2	LYNwave	ALX20M-092AA2	PIFA antenna	N/A

Ant.	Port	Gain (dBi)				
		2.4G	5G			
			U-NII-1	U-NII-2A	U-NII-2C	U-NII-3
1	1	3.3	-	-	-	-
2	1	-	2.2	2.2	2.2	1.7

For 2.4GHz function:

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

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

For 5GHz function:

For IEEE 802.11 a/n/ac mode (1TX/1RX)

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

1.1.3 EUT Information

Operational Condition			
EUT Power Type	From Host system		
EUT Function	☒ Point-to-multipoint	☐ Point-to-point	
Beamforming Function	☐ With beamforming	☒ Without beamforming	
Type of EUT			
☒	Stand-alone		
☐	Combined (EUT where the radio part is fully integrated within another device)		
	Combined Equipment - Brand Name / Model No.:		...
☐	Plug-in radio (EUT intended for a variety of host systems)		
	Host System - Brand Name / Model No.:		...
☐	Other:		

1.1.4 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11b_Nss1,(1Mbps)_1TX	0.981	0.08	8.419m	10
802.11g_Nss1,(6Mbps)_1TX	0.926	0.33	1.398m	1k
802.11n HT20_Nss1,(MCS0)_1TX	0.917	0.38	1.311m	1k
802.11n HT40_Nss1,(MCS0)_1TX	0.85	0.71	650.625u	3k

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

1.1.5 Table for Multiple Listing

The brand/model names in the following table are all refer to the identical product.

Sku	Item	Brand Name	Model Name	Description
1	LAN transformer	FUN-JIN	F1281DG 1445	There are two LAN transformers which only the brand and model name is different as second source.
2		TAG	MC1201A	

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 414788 D01 v01r01

1.3 Testing Location Information

Test Lab. : Sporton International Inc. Hsinhua Laboratory				
☒ 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	Billy Wang	22.5~23.1°C / 54~56%	10/May/2021
RF Conducted	TH06-HY	Johnny Yu	20.1~26.9°C / 50~60%	02/Feb/2021~07/May/2021
☒ Wen 33rd.St. (TAF: 3785)	ADD: No.14-1, Ln. 19, Wen 33rd St., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.)			
	TEL: 886-3-318-0787		FAX: 886-3-318-0287	
Test site Designation No. TW0008 with FCC.				
Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
Radiated	03CH09-HY	Ryan Hsiao	22.5~23.2°C / 52~60%	27/Jan/2021~06/May/2021

1.4 Measurement Uncertainty

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

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

2 Test Configuration of EUT

2.1 Test Channel Mode

Test Software	MP_TEST
Mode	Power Setting
802.11b_Nss1,(1Mbps)_1TX	-
2412MHz	44
2417MHz	46
2437MHz	57
2457MHz	43
2462MHz	42
802.11g_Nss1,(6Mbps)_1TX	-
2412MHz	52
2417MHz	58
2437MHz	63
2457MHz	55
2462MHz	49
802.11n HT20_Nss1,(MCS0)_1TX	-
2412MHz	50
2417MHz	57
2437MHz	63
2457MHz	54
2462MHz	48
802.11n HT40_Nss1,(MCS0)_1TX	-
2422MHz	46
2427MHz	48
2437MHz	52
2447MHz	47
2452MHz	44

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	USB 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	USB Mode (Transformer: FUN-JIN / F1281DG 1445)		
2	USB Mode (Transformer: TAG / MC1201A)		
Mode 1 configuration was pretested and found to be the worst case and measured during the test.			
Operating Mode > 1GHz	CTX		
Orthogonal Planes of EUT	X Plane	Y Plane	Z Plane
			
Worst Planes of EUT	V		

2.3 Accessories

Accessories				
Micro USB Cable	Brand Name	Always Tai Lai	Model Name	ATL-1312
	Signal Line	0.35 meter, non-shielded cable, w/o ferrite core		
RJ45 Cable	Brand Name	Always Tai Lai	Model Name	ATL-1311
	Signal Line	0.28 meter, non-shielded cable		

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

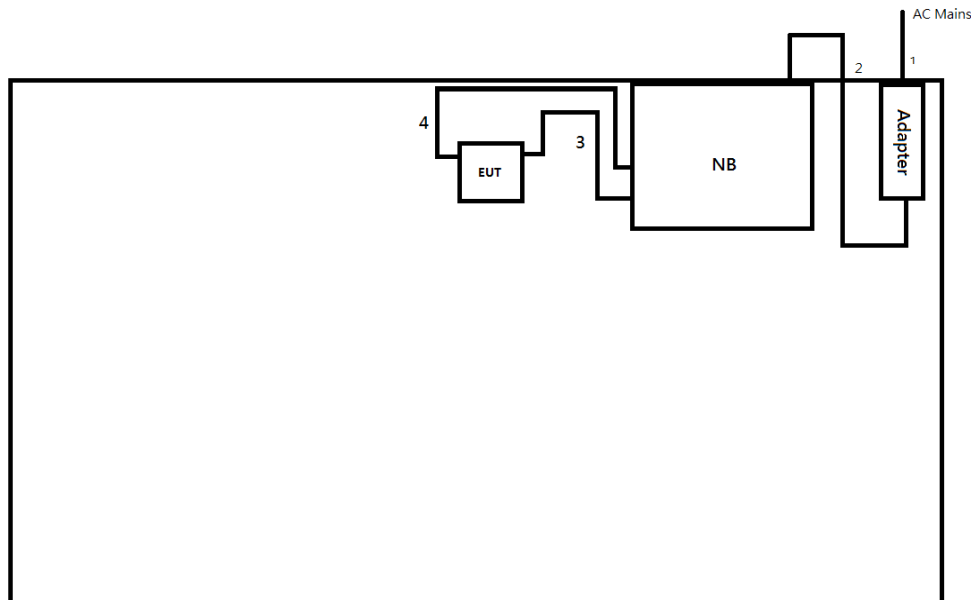
2.4 Support Equipment

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

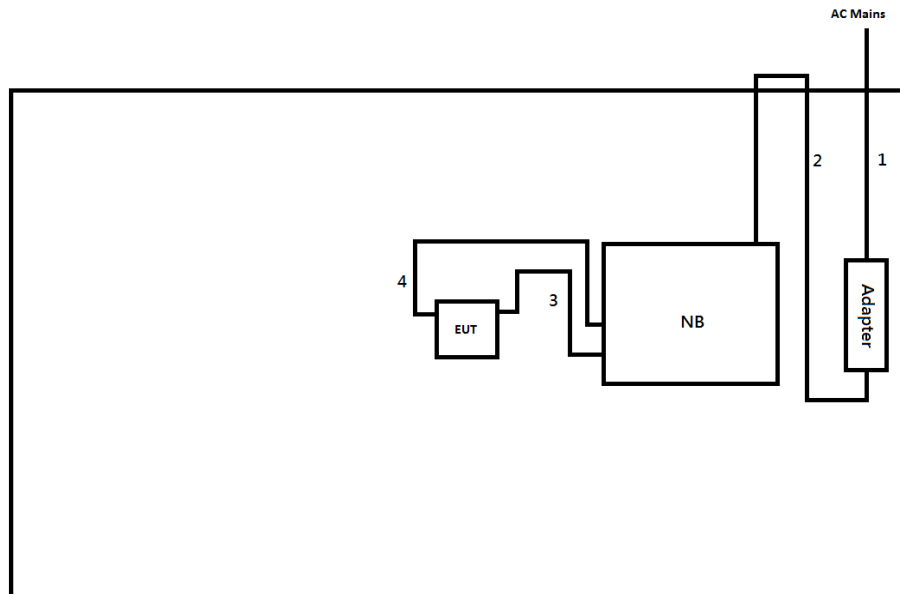
Support Equipment – AC Conduction and Radiated					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Notebook	HP	HSTNN-Q85C	-	-
2	AC Adapter (for NB)	HP	PPP012L-E	-	-

2.5 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	DC Power cable	No	1.0	-
3	RJ45 cable	No	0.28	-
4	USB cable	No	0.35	-

Test Setup Diagram - Radiated Test


Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	DC Power cable	No	1.0	-
3	RJ45 cable	No	0.28	-
4	USB cable	No	0.35	-

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

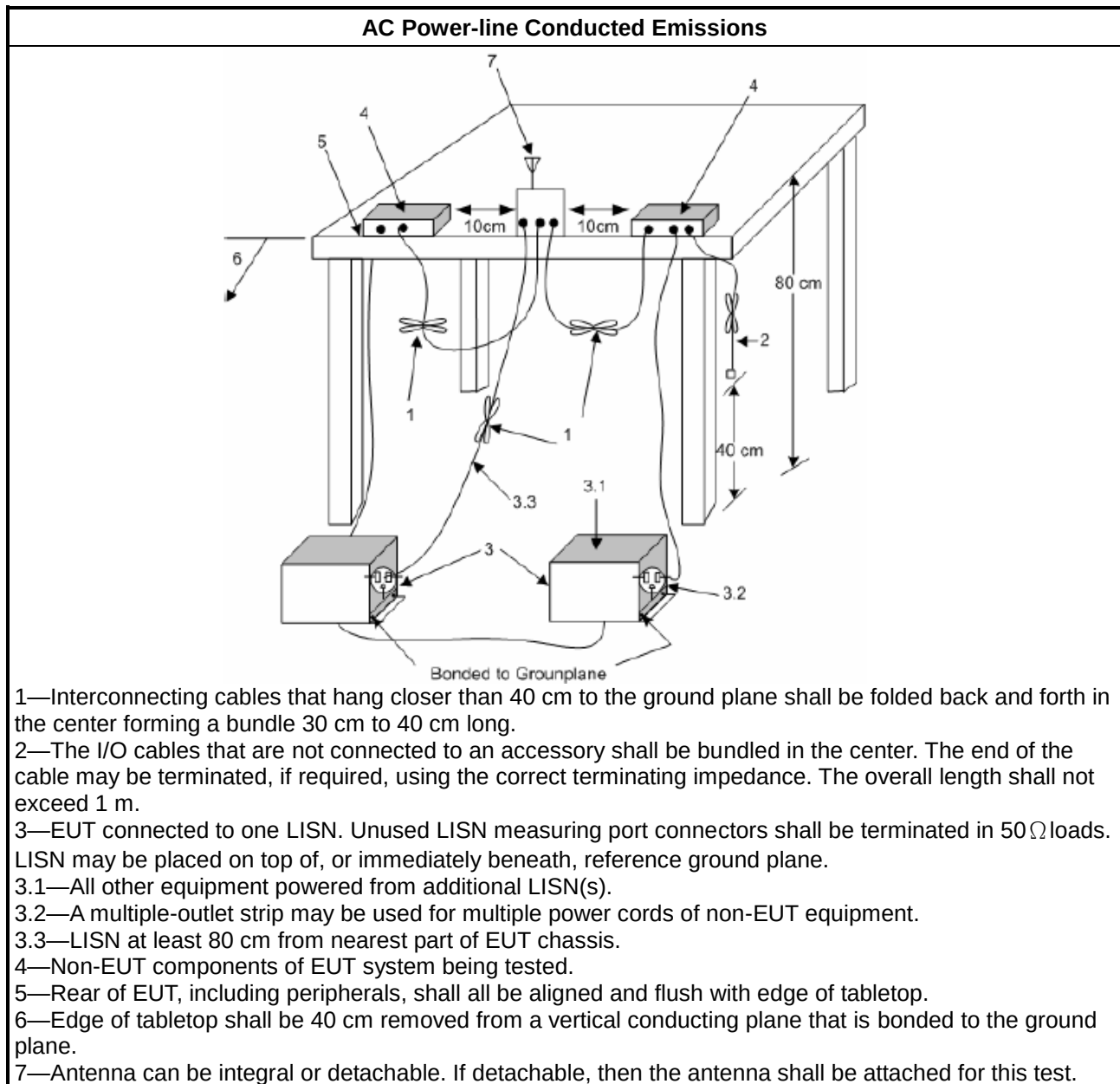
Test Method
☒ Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

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.

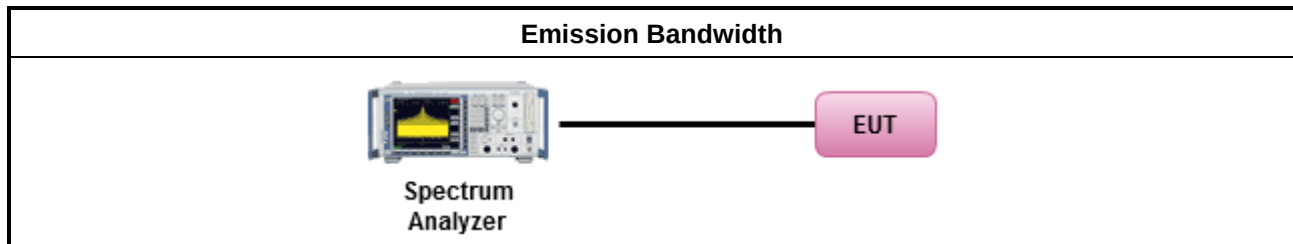
3.2.2 Measuring Instruments

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:
☒	Refer as KDB 558074. clause 8.2 (11.8 of ANSI C63.10) DTS bandwidth measurement.
☐	Refer as RSS-Gen, clause 6.7 for occupied bandwidth testing.
☐	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		
	▪	If $G_{TX} \leq 6$ dBi, then $P_{Out} \leq 30$ dBm (1 W)
	▪	Point-to-multipoint systems (P2M): If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$ dBm
	▪	Point-to-point systems (P2P): If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)/3$ dBm
	▪	Smart antenna system (SAS):
	-	Single beam: If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)/3$ dBm
	-	Overlap beam: If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)/3$ dBm
	-	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:		
	▪	2400-2483.5 MHz Band
	▪	Point-to-multipoint systems (P2M): $P_{eirp} \leq 36$ dBm (4 W)
	▪	Point-to-point systems (P2P): $P_{eirp} \leq \text{MAX}(36, [P_{Out} + G_{TX}])$ dBm
	▪	Smart antenna system (SAS)
	-	Single beam: $P_{eirp} \leq \text{MAX}(36, P_{Out} + G_{TX})$ dBm
	-	Overlap beam: $P_{eirp} \leq \text{MAX}(36, P_{Out} + G_{TX})$ dBm
	-	Aggregate power on all beams: $P_{eirp} \leq \text{MAX}(36, [P_{Out} + G_{TX} + 8])$ dBm
P_{Out} = maximum peak conducted output power or maximum conducted output power in dBm, G_{TX} = the maximum transmitting antenna directional gain in dBi.		

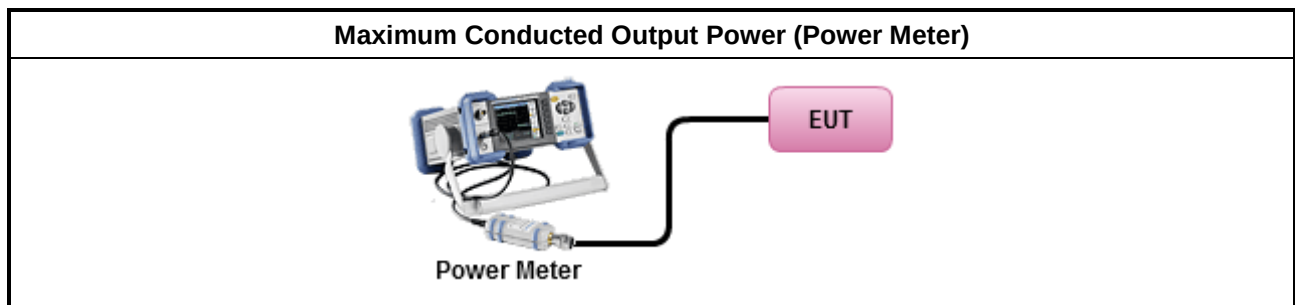
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

Test Method	
Maximum Peak Conducted Output Power	
☐	Refer as KDB 558074, clause 8.3.1.1 (11.9.1.1 of ANSI C63.10) RBW ≥ EBW method.
☐	Refer as KDB 558074, clause 8.3.1.2 (11.9.1.2 of ANSI C63.10) integrated band power method.
☐	Refer as KDB 558074, clause 8.3.1.3 (11.9.1.3 of ANSI C63.10) peak power meter.
Maximum Average Conducted Output Power	
☐	Refer as KDB 558074, clause 8.3.2.2 (11.9.2.2 of ANSI C63.10) using a spectrum analyzer.
☒	Refer as KDB 558074, clause 8.3.2.3 (11.9.2.3 of ANSI C63.10) using a power meter.
For conducted measurement.	
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.	
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	
▪	Power Spectral Density (PSD) ≤ 8 dBm/3kHz

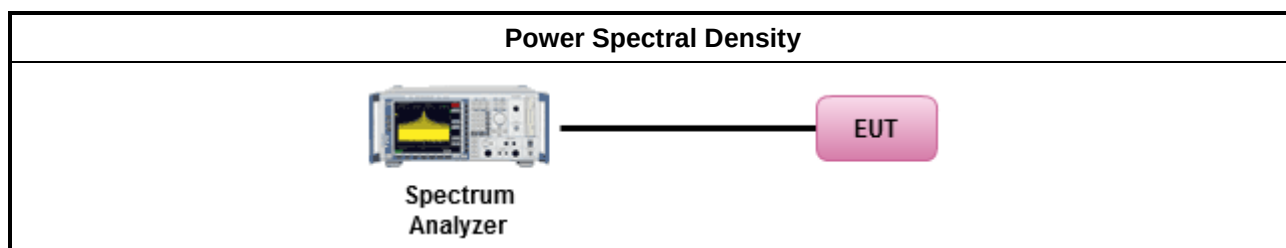
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

Test Method	
▪	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).
☒	Refer as KDB 558074, clause 8.4 (11.10 of ANSI C63.10) Max. PSD.
▪	For conducted measurement.
▪	If The EUT supports multiple transmit chains using options given below:
▪	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.	

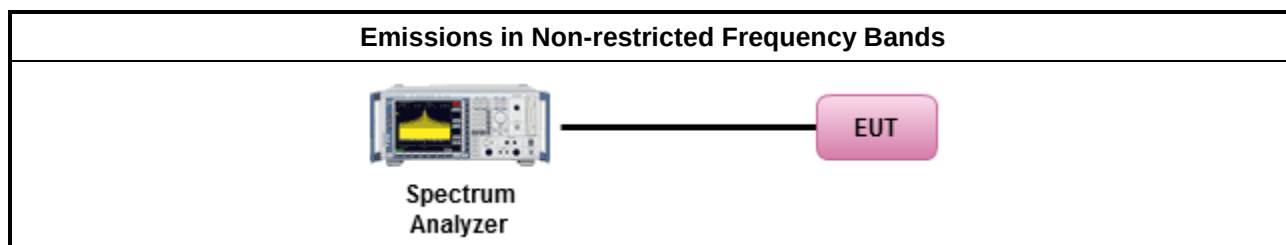
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

Test Method
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

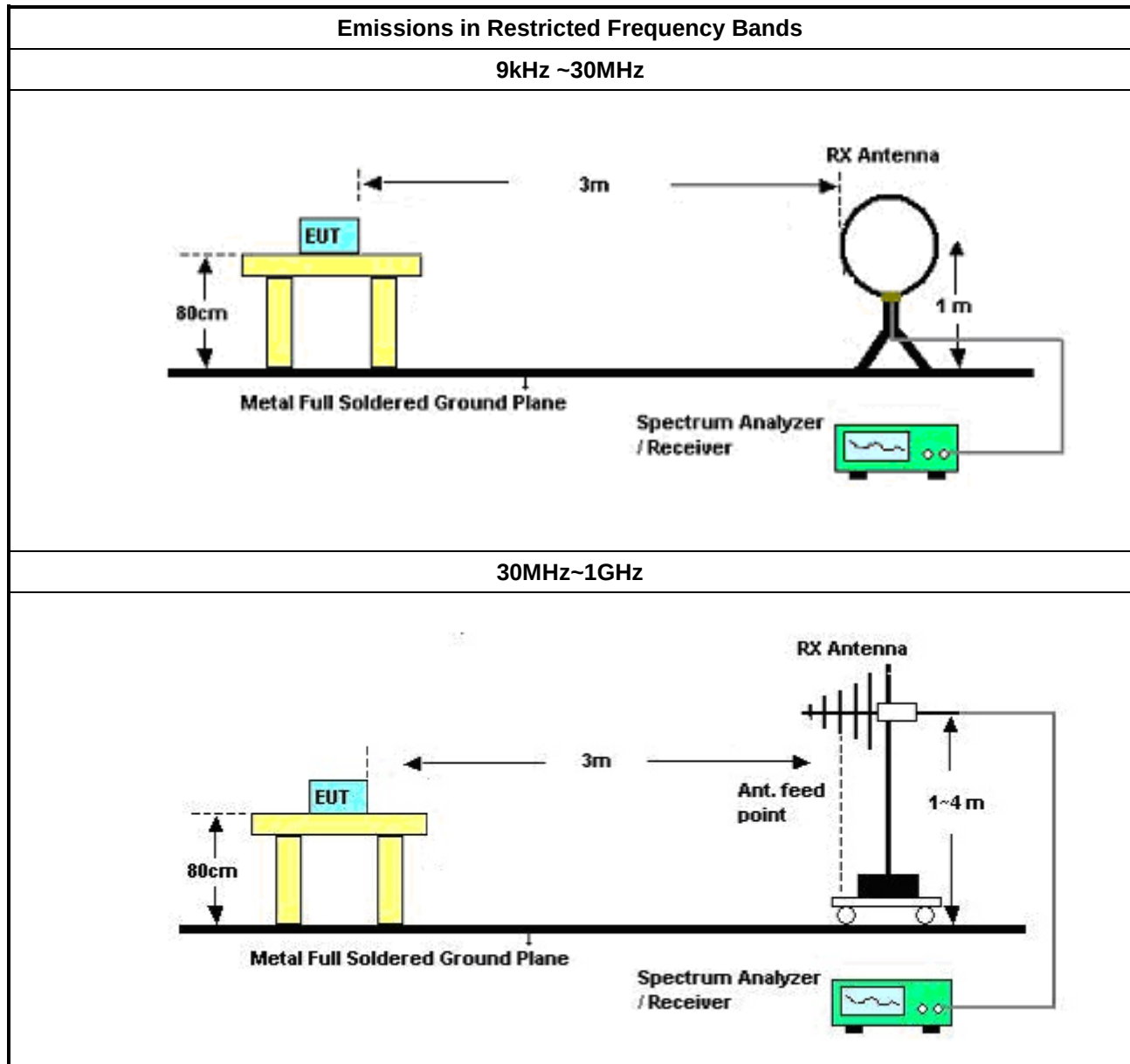
Test Method	
The average emission levels shall be measured in [duty cycle $\geq$ 98 or duty factor].	
Refer as ANSI C63.10, clause 6.10.3 band-edge testing shall be performed at the lowest frequency channel and highest frequency channel within the allowed operating band.	
For the transmitter unwanted emissions shall be measured using following options below:	
	Refer as KDB 558074, clause 8.6 (11.12 of ANSI C63.10) for restricted frequency bands.
For the transmitter band-edge emissions shall be measured using following options below:	
	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.
Use the following spectrum analyzer settings:	
	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 $f \geq 1$ GHz for peak measurement. For average measurement, refer as 1.1.4.
KDB 414788 Open-Field Test Sites and Chamber Correlation Justification.	
	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.

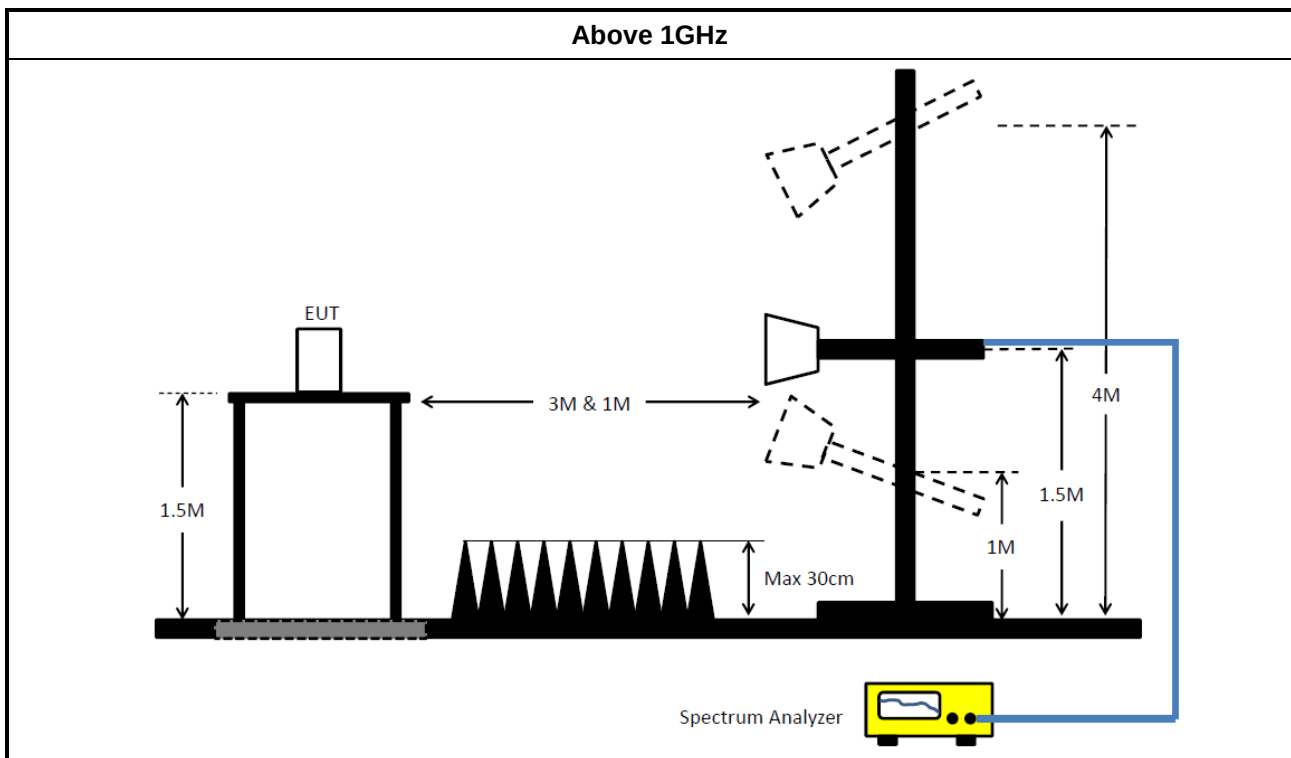
3.6.4 Measurement Results Calculation

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	ESR3	102051	9kHz ~ 3.6GHz	29/May/2020	28/May/2021
LISN	R&S	ENV216	101295	9kHz ~ 30MHz	11/Nov/2020	10/Nov/2021
RF Cable 5m	TITAN	TITAN	CO04-cable-01	0.1MHz~200MHz	03/Mar/2021	02/Mar/2022
Impuls Begrenzer Pulse Limiter	SCHWARZBEC K	VTSD 9561-F	9561-F041	9kHz ~ 30MHz	21/Sep/2020	20/Sep/2021

Instrument for Conducted Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSV 40	101029	10Hz~40GHz	19/Oct/2020	18/Oct/2021
SMB100A Signal Generator	R&S	SMB100A03	181147	100kHz~40GHz	20/Oct/2020	19/Oct/2021
Pulse Sensor	Anritsu	MA2411B	1339407	300MHz~40GHz	27/Nov/2020	26/Nov/2021
Power Meter	Anritsu	ML2495A	1517010	300MHz~40GHz	27/Nov/2020	26/Nov/2021

**Instrument for Radiated Test**

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	30MHz~1GHz 3m	26/Mar/2021	25/Mar/2022
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	1GHz~18GHz 3m	19/Mar/2020	18/Mar/2021
EXA Signal Analyzer	KEYSIGHT	N9010A	MY54200885	10Hz~44GHz	11/Aug/2020	10/Aug/2021
Amplifier	EMC	EMC9135	980232	9kHz~1GHz	12/Apr/2021	11/Apr/2022
Microwave Preamplifier	Agilent	8449B	3008A02096	1GHz~26.5GHz	24/Jul/2020	23/Jul/2021
Bilog Antenna & 5dB Attenuator	TESEQ & MTJ	CBL6111D&MTJ 6102-05	35418 & 3	30MHz~1GHz	06/Sep/2020	05/Sep/2021
Double Ridged Guide Horn Antenna	SCHWARZBEC K	BBHA 9120 D	BBHA9120 D 1534	1GHz~18GHz	28/May/2020	27/May/2021
RF Cable-low	Jye Bao	RG142	CB031+324530/ 4	9kHz~30MHz	03/Sep/2020	02/Sep/2021
RF Cable-low	Jye Bao	RG142	CB031+324530/ 4	30MHz~1GHz	09/Feb/2021	08/Feb/2022
RF CABLE 5m+3m+1m	HUBER+SUHN ER	SUCOFLEX104	SN MY25918/4+ SN MY39478/4 + SN 324530/4	1GHz~40GHz	15/Aug/2020	14/Aug/2021
Broadband Horn Antenna	SCHWARZBEC K	BBHA 9170	BBHA 9170221	18GHz~40GHz	13/Mar/2020	12/Mar/2021
Preamplifier	MITEQ	TTA1840-35-HG	1864481	18GHz~40GHz	10/Mar/2020	09/Mar/2021
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	16/Mar/2021	15/Mar/2022
EMI Test Receiver	R&S	ESR3	102051	9kHz~3.6GHz	29/May/2020	28/May/2021



Conducted Emissions at Powerline

Appendix A

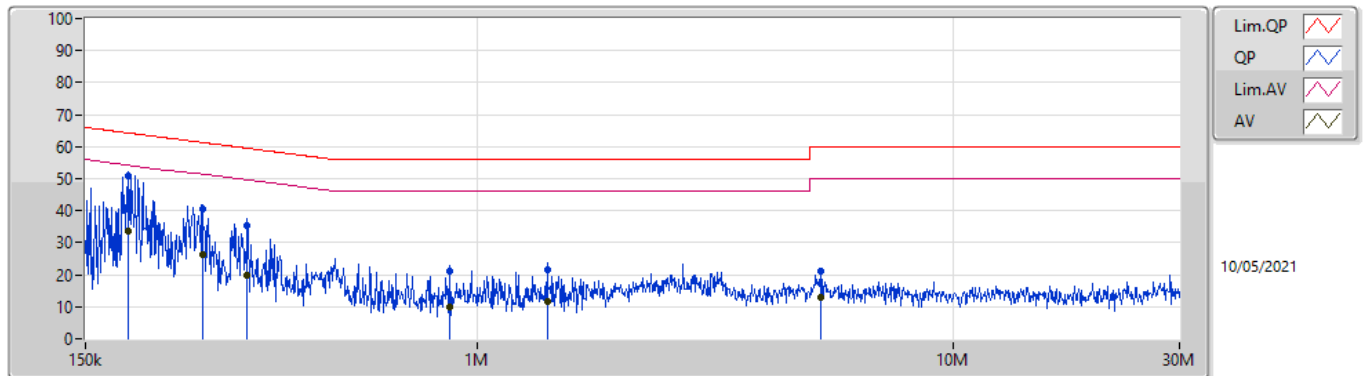
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	190.596k	50.51	64.01	-13.50	Neutral

Mode Configure

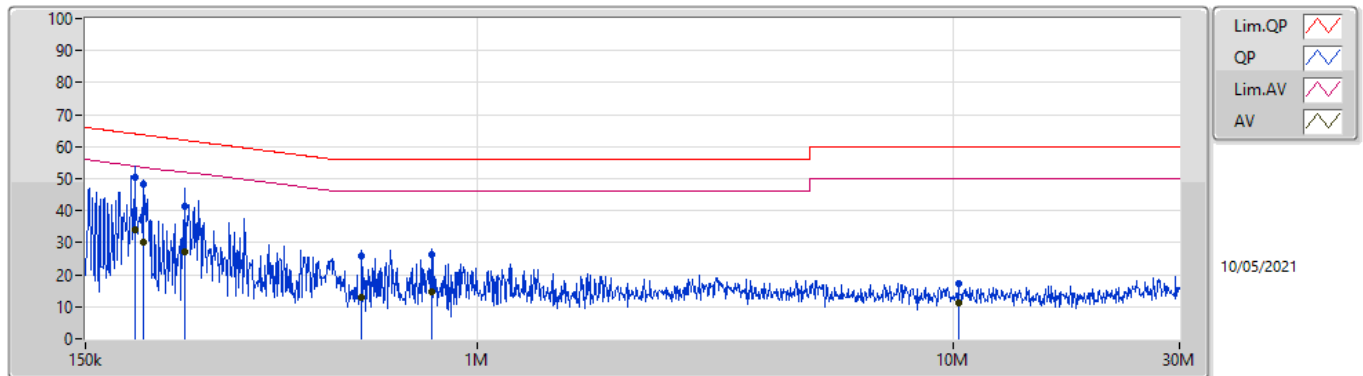
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	184.605k	50.72	64.28	-13.56	Line	-
Mode 1	Pass	AV	184.605k	33.82	54.28	-20.46	Line	-
Mode 1	Pass	QP	264.41k	40.62	61.30	-20.68	Line	-
Mode 1	Pass	AV	264.41k	26.09	51.30	-25.21	Line	-
Mode 1	Pass	QP	328.019k	35.42	59.50	-24.08	Line	-
Mode 1	Pass	AV	328.019k	19.92	49.50	-29.58	Line	-
Mode 1	Pass	QP	875.775k	21.12	56.00	-34.88	Line	-
Mode 1	Pass	AV	875.775k	9.92	46.00	-36.08	Line	-
Mode 1	Pass	QP	1.403M	21.40	56.00	-34.60	Line	-
Mode 1	Pass	AV	1.403M	11.54	46.00	-34.46	Line	-
Mode 1	Pass	QP	5.279M	21.14	60.00	-38.86	Line	-
Mode 1	Pass	AV	5.279M	13.07	50.00	-36.93	Line	-
Mode 1	Pass	QP	190.596k	50.51	64.01	-13.50	Neutral	-
Mode 1	Pass	AV	190.596k	33.94	54.01	-20.07	Neutral	-
Mode 1	Pass	QP	199.152k	48.15	63.65	-15.50	Neutral	-
Mode 1	Pass	AV	199.152k	30.31	53.65	-23.34	Neutral	-
Mode 1	Pass	QP	242.179k	41.45	62.02	-20.57	Neutral	-
Mode 1	Pass	AV	242.179k	26.98	52.02	-25.04	Neutral	-
Mode 1	Pass	QP	571.327k	25.74	56.00	-30.26	Neutral	-
Mode 1	Pass	AV	571.327k	12.96	46.00	-33.04	Neutral	-
Mode 1	Pass	QP	802.141k	26.13	56.00	-29.87	Neutral	-
Mode 1	Pass	AV	802.141k	14.45	46.00	-31.55	Neutral	-
Mode 1	Pass	QP	10.282M	17.23	60.00	-42.77	Neutral	-
Mode 1	Pass	AV	10.282M	11.41	50.00	-38.59	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	184.605k	50.72	64.28	-13.56	19.62	Line	-	31.10	9.68	0.04	9.90			
AV	184.605k	33.82	54.28	-20.46	19.62	Line	-	14.20	9.68	0.04	9.90			
QP	264.41k	40.62	61.30	-20.68	19.63	Line	-	20.99	9.68	0.05	9.90			
AV	264.41k	26.09	51.30	-25.21	19.63	Line	-	6.46	9.68	0.05	9.90			
QP	328.019k	35.42	59.50	-24.08	19.62	Line	-	15.80	9.67	0.05	9.90			
AV	328.019k	19.92	49.50	-29.58	19.62	Line	-	0.30	9.67	0.05	9.90			
QP	875.775k	21.12	56.00	-34.88	19.56	Line	-	1.56	9.67	0.08	9.81			
AV	875.775k	9.92	46.00	-36.08	19.56	Line	-	-9.64	9.67	0.08	9.81			
QP	1.403M	21.40	56.00	-34.60	19.56	Line	-	1.84	9.67	0.09	9.80			
AV	1.403M	11.54	46.00	-34.46	19.56	Line	-	-8.02	9.67	0.09	9.80			
QP	5.279M	21.14	60.00	-38.86	19.76	Line	-	1.38	9.70	0.16	9.90			
AV	5.279M	13.07	50.00	-36.93	19.76	Line	-	-6.69	9.70	0.16	9.90			

Conducted Emissions at Powerline_Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	190.596k	50.51	64.01	-13.50	19.62	Neutral	-	30.89	9.68	0.04	9.90			
AV	190.596k	33.94	54.01	-20.07	19.62	Neutral	-	14.32	9.68	0.04	9.90			
QP	199.152k	48.15	63.65	-15.50	19.62	Neutral	-	28.53	9.68	0.04	9.90			
AV	199.152k	30.31	53.65	-23.34	19.62	Neutral	-	10.69	9.68	0.04	9.90			
QP	242.179k	41.45	62.02	-20.57	19.63	Neutral	-	21.82	9.68	0.05	9.90			
AV	242.179k	26.98	52.02	-25.04	19.63	Neutral	-	7.35	9.68	0.05	9.90			
QP	571.327k	25.74	56.00	-30.26	19.60	Neutral	-	6.14	9.67	0.07	9.86			
AV	571.327k	12.96	46.00	-33.04	19.60	Neutral	-	-6.64	9.67	0.07	9.86			
QP	802.141k	26.13	56.00	-29.87	19.57	Neutral	-	6.56	9.67	0.08	9.82			
AV	802.141k	14.45	46.00	-31.55	19.57	Neutral	-	-5.12	9.67	0.08	9.82			
QP	10.282M	17.23	60.00	-42.77	19.83	Neutral	-	-2.60	9.73	0.20	9.90			
AV	10.282M	11.41	50.00	-38.59	19.83	Neutral	-	-8.42	9.73	0.20	9.90			

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX	10.1M	16.042M	16M0G1D	10.05M	14.993M
802.11g_Nss1,(6Mbps)_1TX	16.325M	17.266M	17M3D1D	16.275M	16.692M
802.11n_HT20_Nss1,(MCS0)_1TX	17.525M	18.141M	18M1D1D	17.25M	17.741M
802.11n_HT40_Nss1,(MCS0)_1TX	36.05M	36.582M	36M6D1D	35.65M	36.482M

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

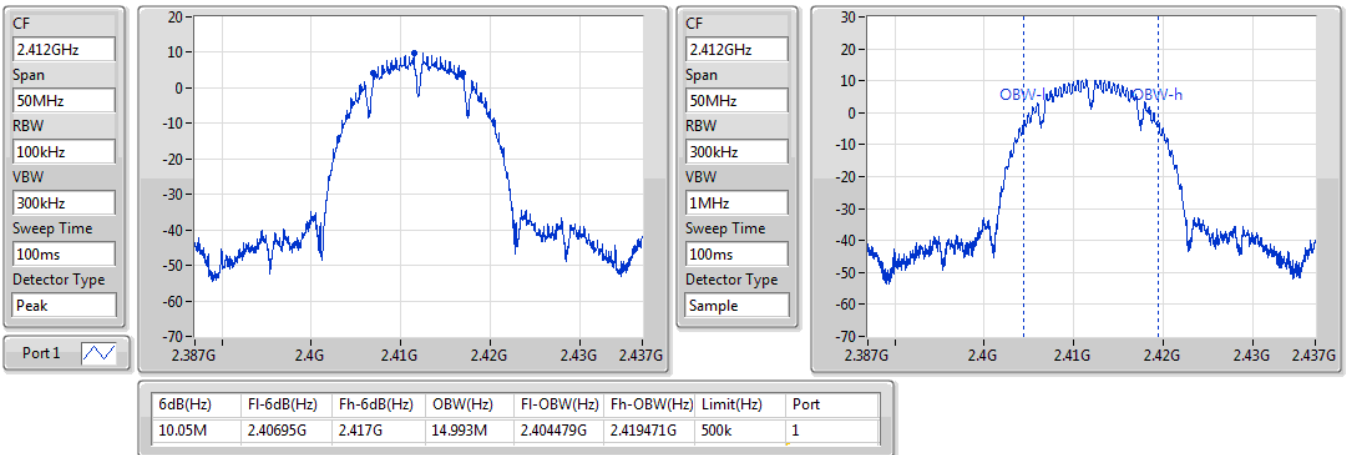
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-
2412MHz	Pass	500k	10.05M	14.993M
2437MHz	Pass	500k	10.1M	16.042M
2462MHz	Pass	500k	10.05M	15.017M
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-
2412MHz	Pass	500k	16.3M	16.692M
2437MHz	Pass	500k	16.275M	17.266M
2462MHz	Pass	500k	16.325M	16.692M
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-
2412MHz	Pass	500k	17.5M	17.766M
2437MHz	Pass	500k	17.25M	18.141M
2462MHz	Pass	500k	17.525M	17.741M
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-
2422MHz	Pass	500k	35.65M	36.582M
2437MHz	Pass	500k	36.05M	36.482M
2452MHz	Pass	500k	36M	36.532M

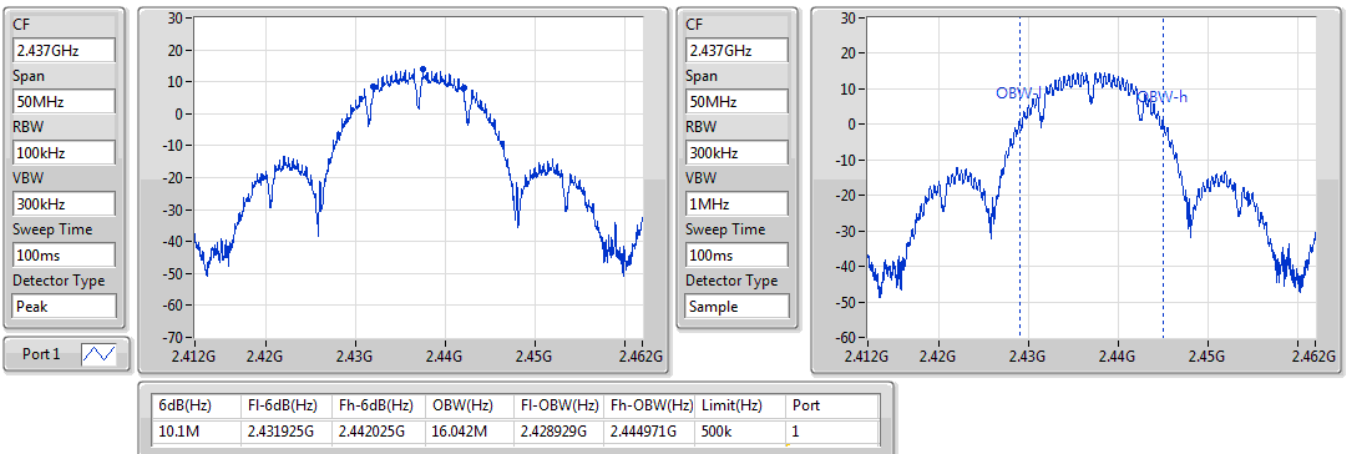
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

802.11b_Nss1,(1Mbps)_1TX
EBW
2412MHz

02/02/2021


802.11b_Nss1,(1Mbps)_1TX
EBW
2437MHz

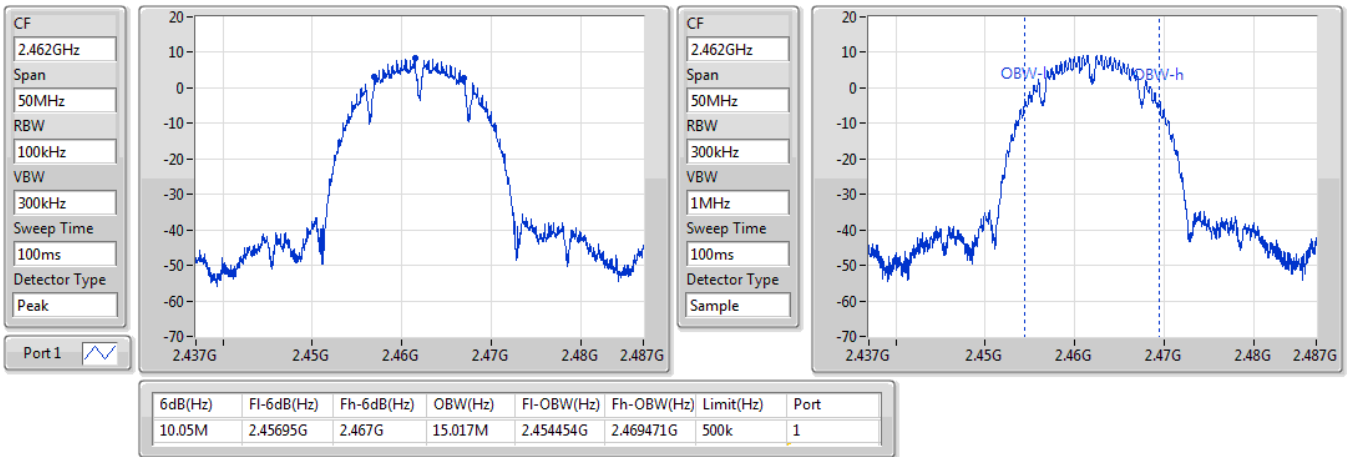
02/02/2021



802.11b_Nss1,(1Mbps)_1TX

EBW
2462MHz

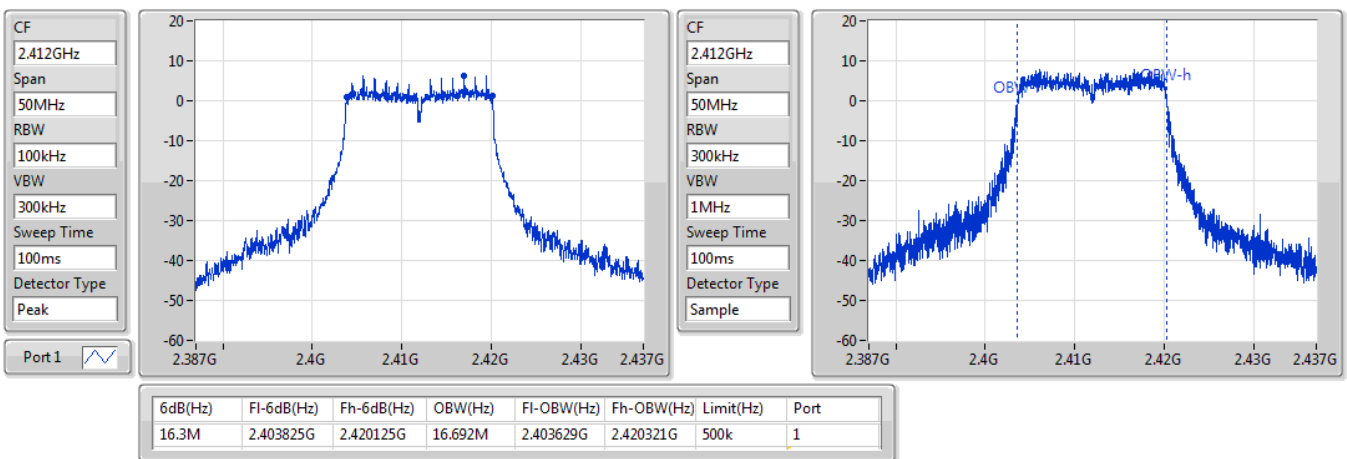
02/02/2021



802.11g_Nss1,(6Mbps)_1TX

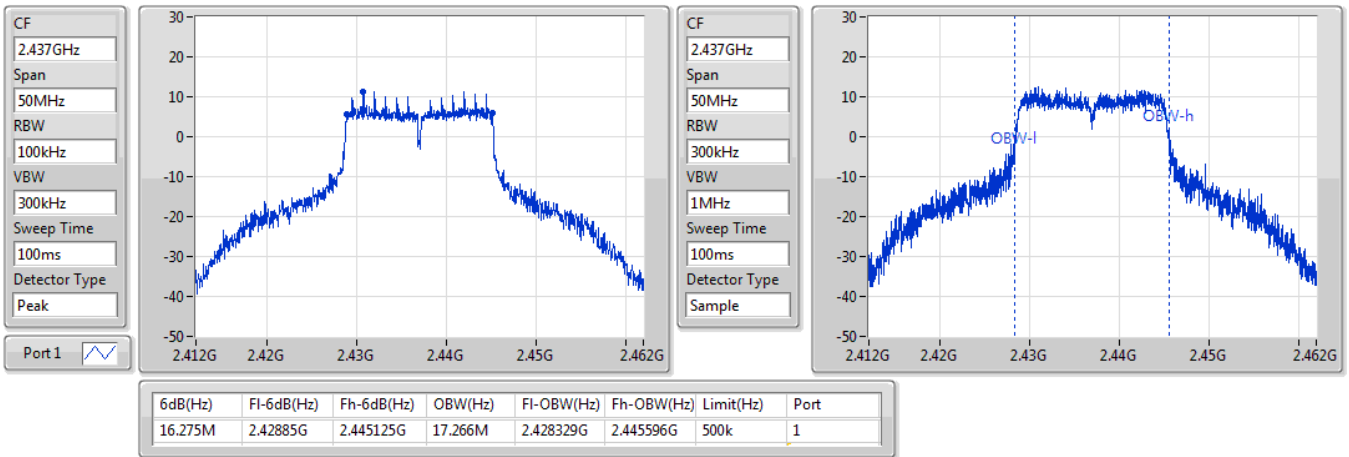
EBW
2412MHz

02/02/2021

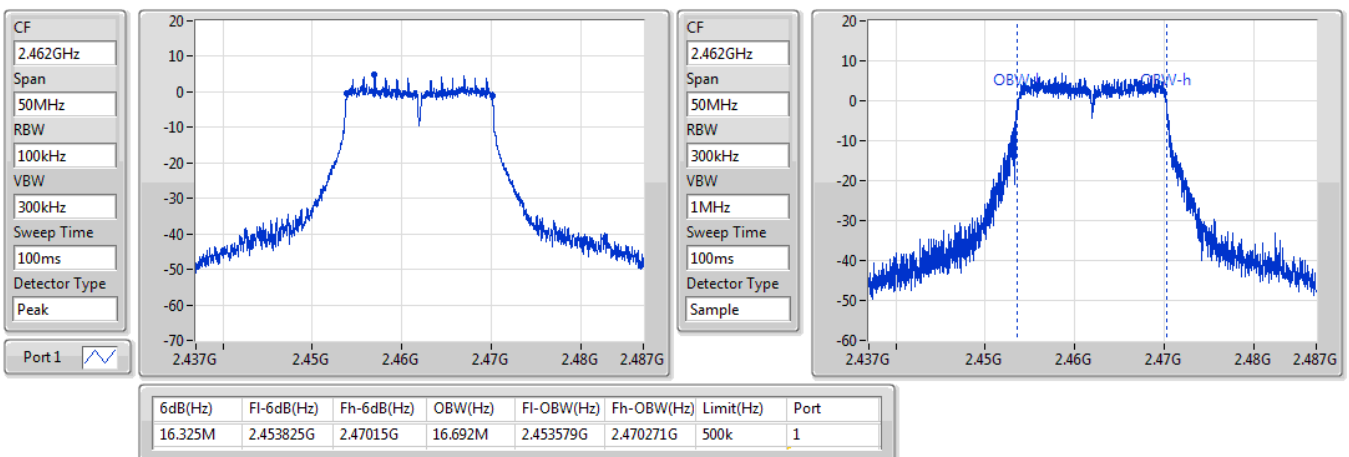


802.11g_Nss1,(6Mbps)_1TX
EBW
2437MHz

02/02/2021

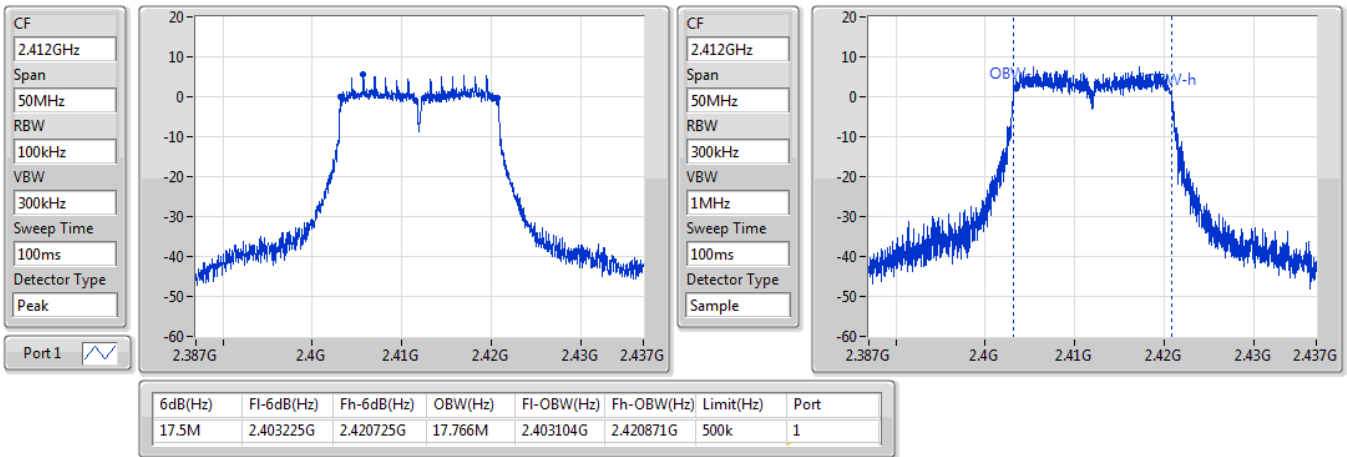

802.11g_Nss1,(6Mbps)_1TX
EBW
2462MHz

03/02/2021

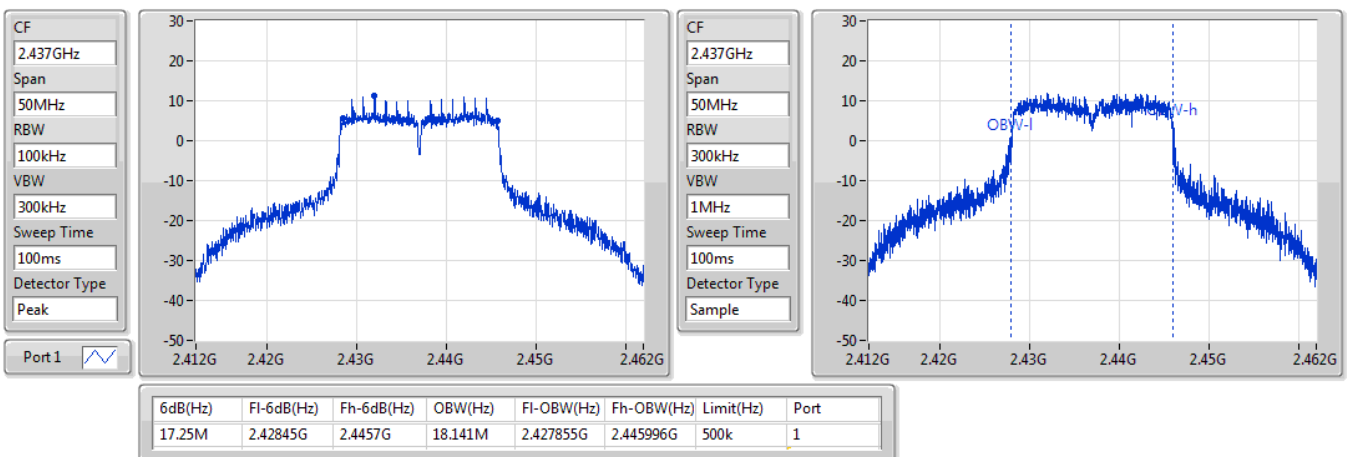


802.11n HT20_Nss1,(MCS0)_1TX
EBW
2412MHz

03/02/2021

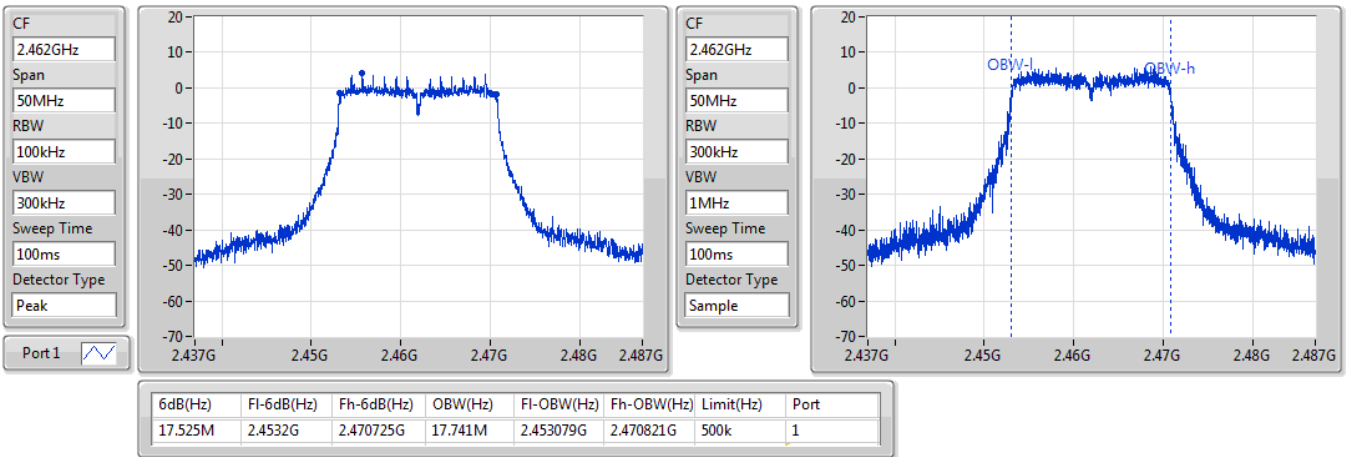

802.11n HT20_Nss1,(MCS0)_1TX
EBW
2437MHz

03/02/2021

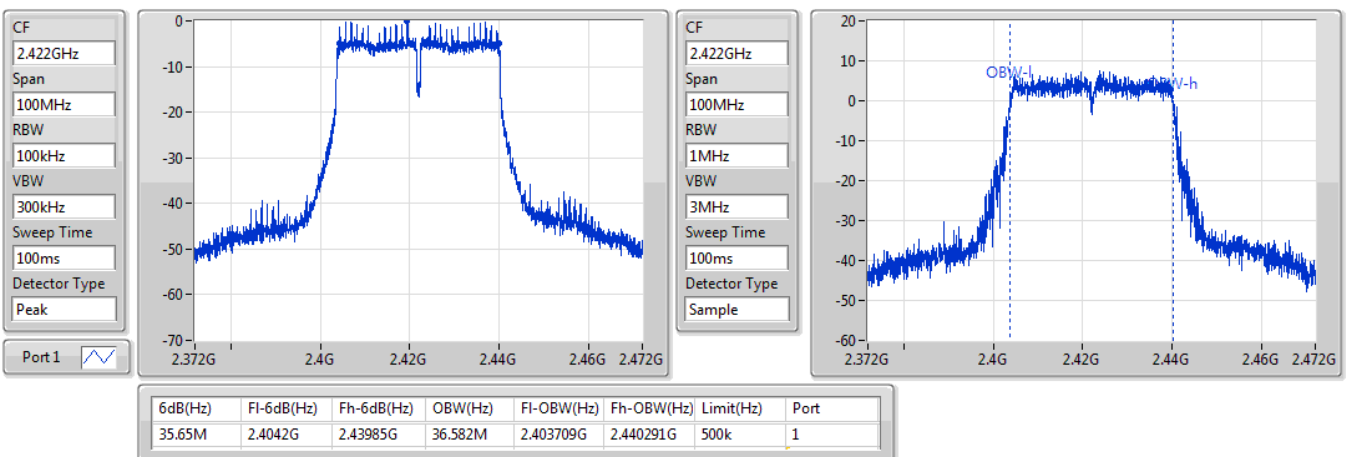


802.11n HT20_Nss1,(MCS0)_1TX
EBW
2462MHz

03/02/2021

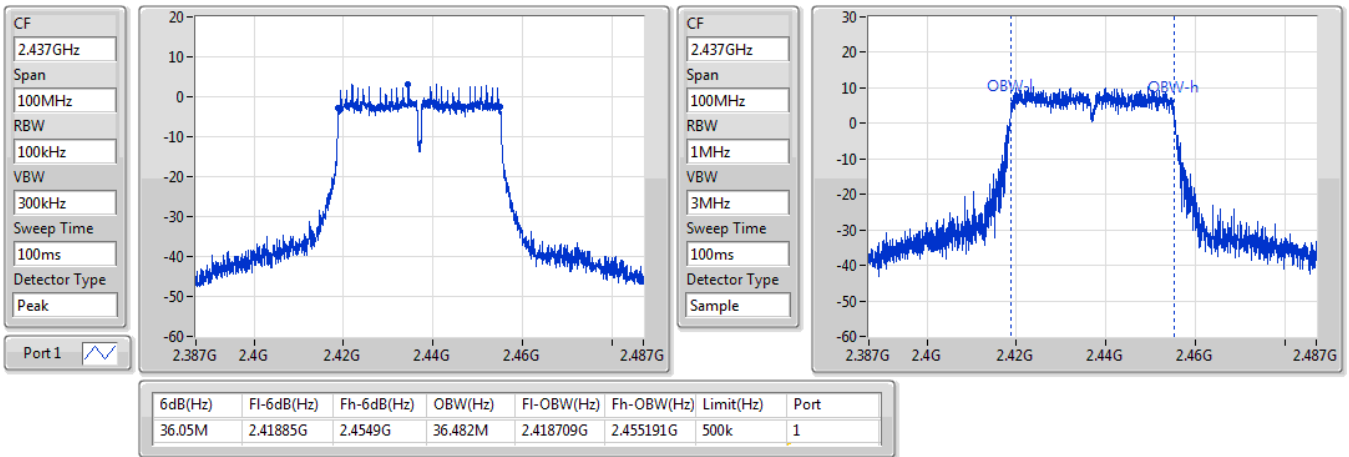

802.11n HT40_Nss1,(MCS0)_1TX
EBW
2422MHz

03/02/2021

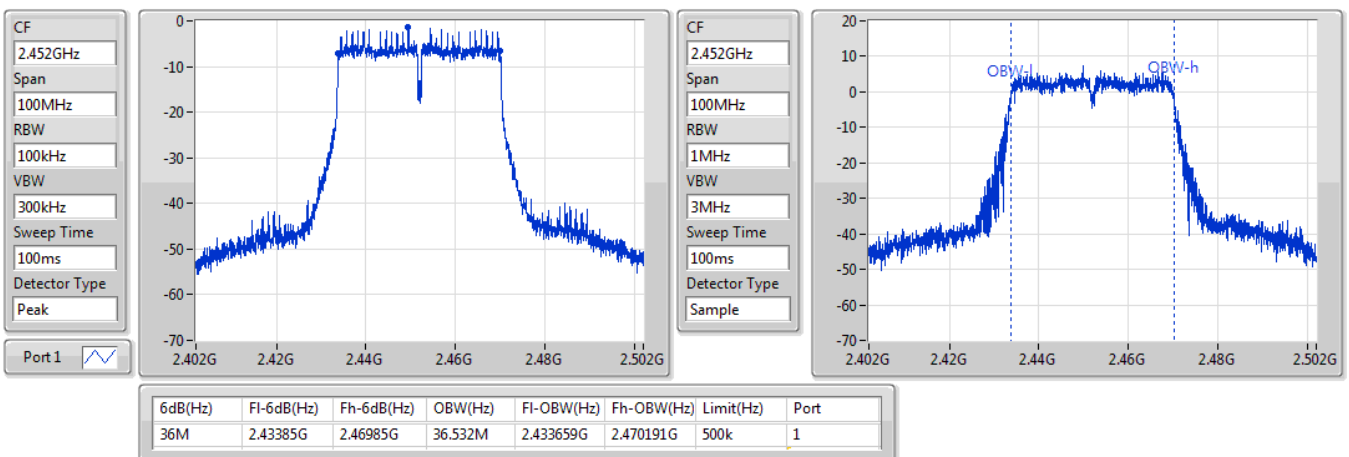


802.11n HT40_Nss1,(MCS0)_1TX
EBW
2437MHz

03/02/2021


802.11n HT40_Nss1,(MCS0)_1TX
EBW
2452MHz

03/02/2021





Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_1TX	23.96	0.24889
802.11g_Nss1,(6Mbps)_1TX	21.79	0.15101
802.11n HT20_Nss1,(MCS0)_1TX	21.78	0.15066
802.11n HT40_Nss1,(MCS0)_1TX	17.17	0.05212

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	3.30	19.46	19.46	30.00
2417MHz	Pass	3.30	20.34	20.34	30.00
2437MHz	Pass	3.30	23.96	23.96	30.00
2457MHz	Pass	3.30	18.71	18.71	30.00
2462MHz	Pass	3.30	18.25	18.25	30.00
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	3.30	17.52	17.52	30.00
2417MHz	Pass	3.30	19.95	19.95	30.00
2437MHz	Pass	3.30	21.79	21.79	30.00
2457MHz	Pass	3.30	18.75	18.75	30.00
2462MHz	Pass	3.30	16.12	16.12	30.00
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz	Pass	3.30	16.68	16.68	30.00
2417MHz	Pass	3.30	19.55	19.55	30.00
2437MHz	Pass	3.30	21.78	21.78	30.00
2457MHz	Pass	3.30	18.27	18.27	30.00
2462MHz	Pass	3.30	15.44	15.44	30.00
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-
2422MHz	Pass	3.30	13.96	13.96	30.00
2427MHz	Pass	3.30	15.20	15.20	30.00
2437MHz	Pass	3.30	17.17	17.17	30.00
2447MHz	Pass	3.30	14.07	14.07	30.00
2452MHz	Pass	3.30	12.82	12.82	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	2.95
802.11g_Nss1,(6Mbps)_1TX	-6.77
802.11n HT20_Nss1,(MCS0)_1TX	-4.94
802.11n HT40_Nss1,(MCS0)_1TX	-12.80

RBW = 3kHz;

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	3.30	-5.26	-5.26	8.00
2437MHz	Pass	3.30	-2.03	-2.03	8.00
2462MHz	Pass	3.30	2.95	2.95	8.00
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	3.30	-8.74	-8.74	8.00
2437MHz	Pass	3.30	-6.77	-6.77	8.00
2462MHz	Pass	3.30	-12.28	-12.28	8.00
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz	Pass	3.30	-10.71	-10.71	8.00
2437MHz	Pass	3.30	-4.94	-4.94	8.00
2462MHz	Pass	3.30	-11.56	-11.56	8.00
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-
2422MHz	Pass	3.30	-15.45	-15.45	8.00
2437MHz	Pass	3.30	-12.80	-12.80	8.00
2452MHz	Pass	3.30	-17.08	-17.08	8.00

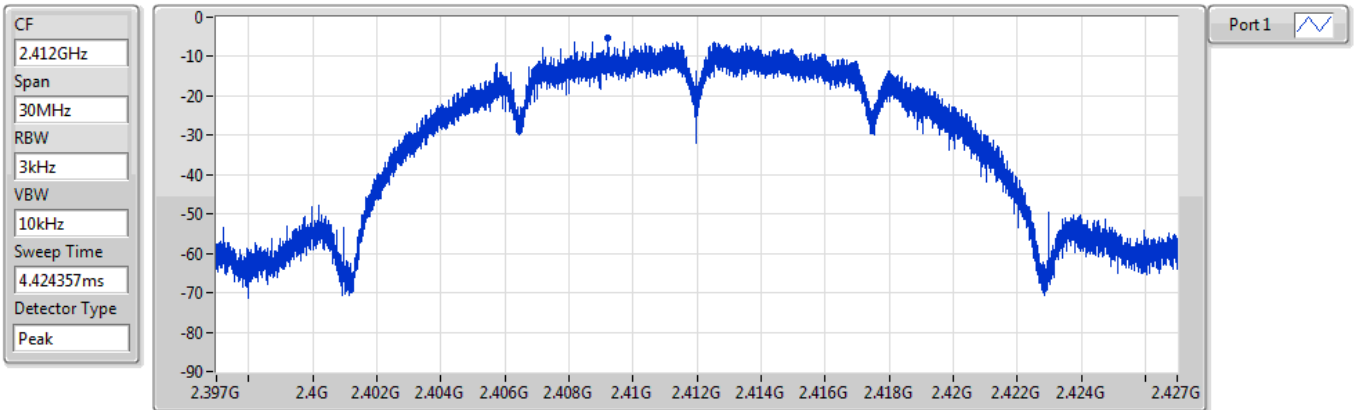
DG = Directional Gain; RBW = 3kHz;
 PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

802.11b_Nss1,(1Mbps)_1TX

PSD

2412MHz

02/02/2021



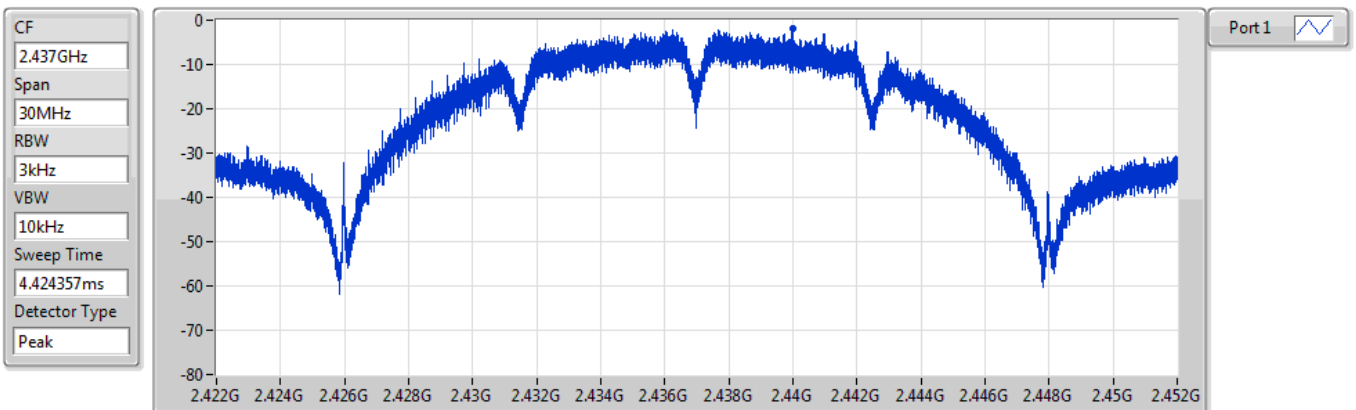
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.26	-5.26	-5.26

802.11b_Nss1,(1Mbps)_1TX

PSD

2437MHz

02/02/2021



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.03	-2.03	-2.03

802.11b_Nss1,(1Mbps)_1TX

PSD

2462MHz

02/02/2021

CF
2.462GHz

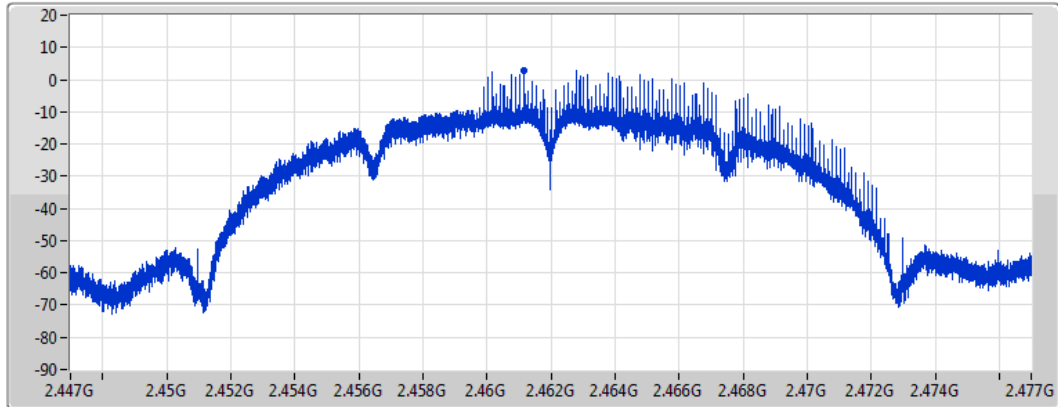
Span
30MHz

RBW
3kHz

VBW
10kHz

Sweep Time
4.424357ms

Detector Type
Peak



Port1

Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.95	2.95	2.95

802.11g_Nss1,(6Mbps)_1TX

PSD

2412MHz

02/02/2021

CF
2.412GHz

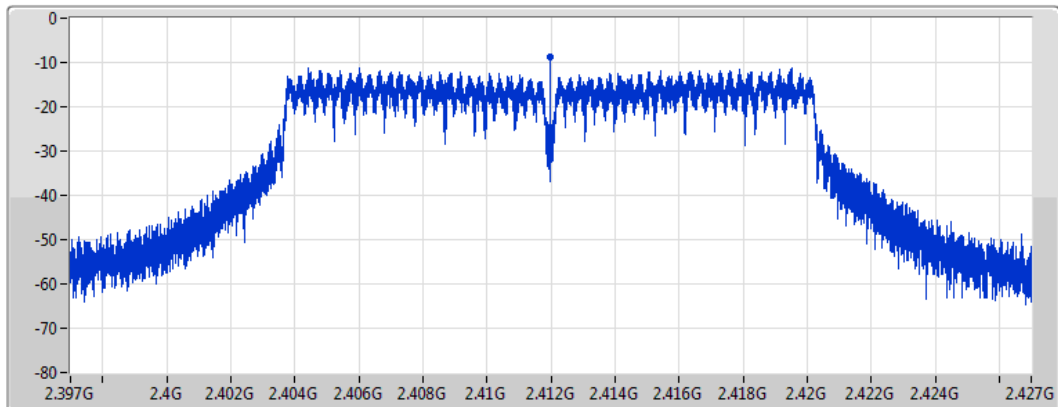
Span
30MHz

RBW
3kHz

VBW
10kHz

Sweep Time
4.424357ms

Detector Type
Peak



Port1

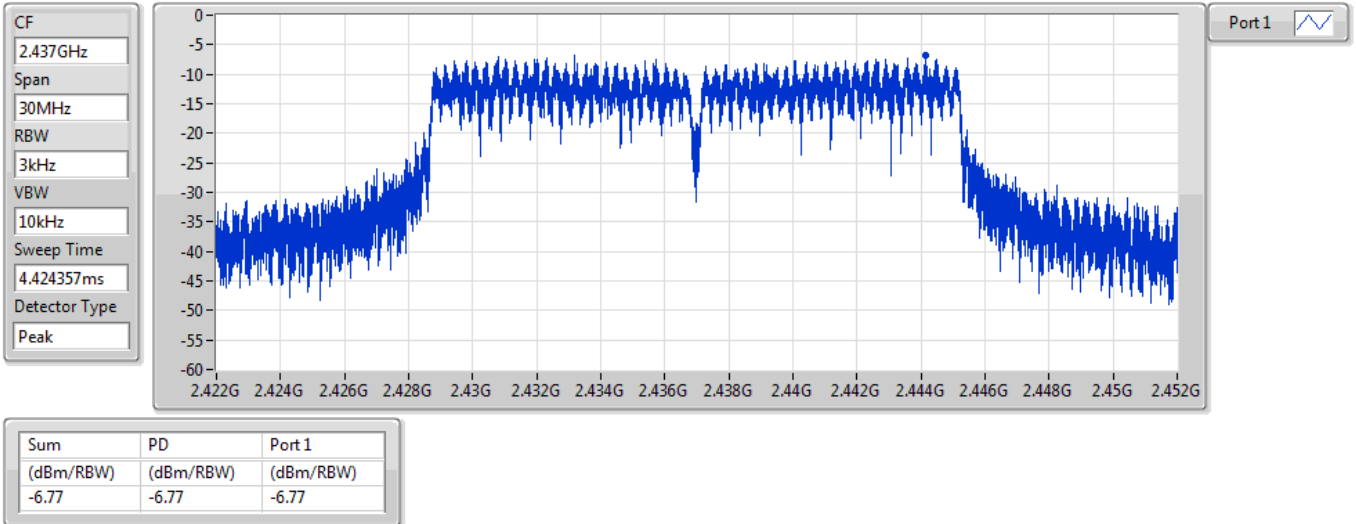
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-8.74	-8.74	-8.74

802.11g_Nss1,(6Mbps)_1TX

PSD

2437MHz

02/02/2021

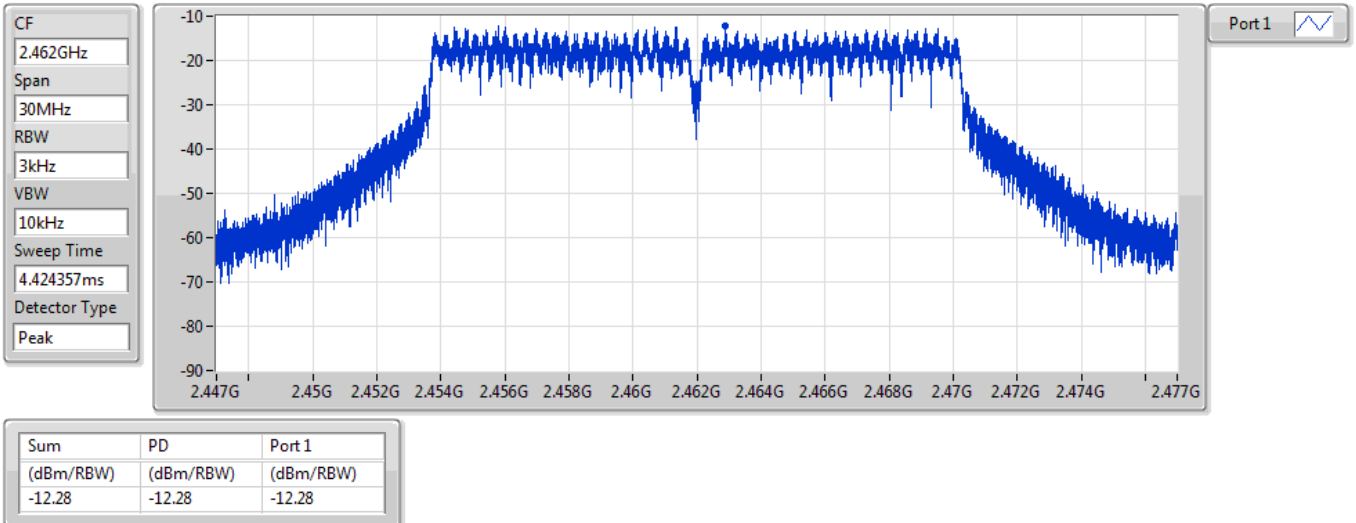


802.11g_Nss1,(6Mbps)_1TX

PSD

2462MHz

03/02/2021

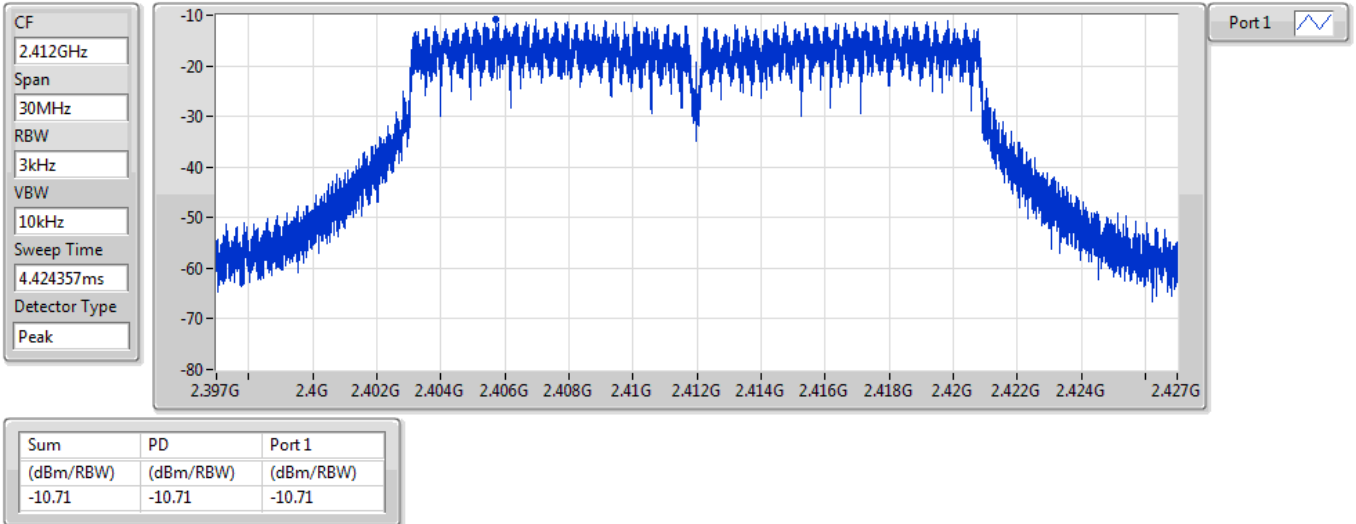


802.11n HT20_Nss1,(MCS0)_1TX

PSD

2412MHz

03/02/2021

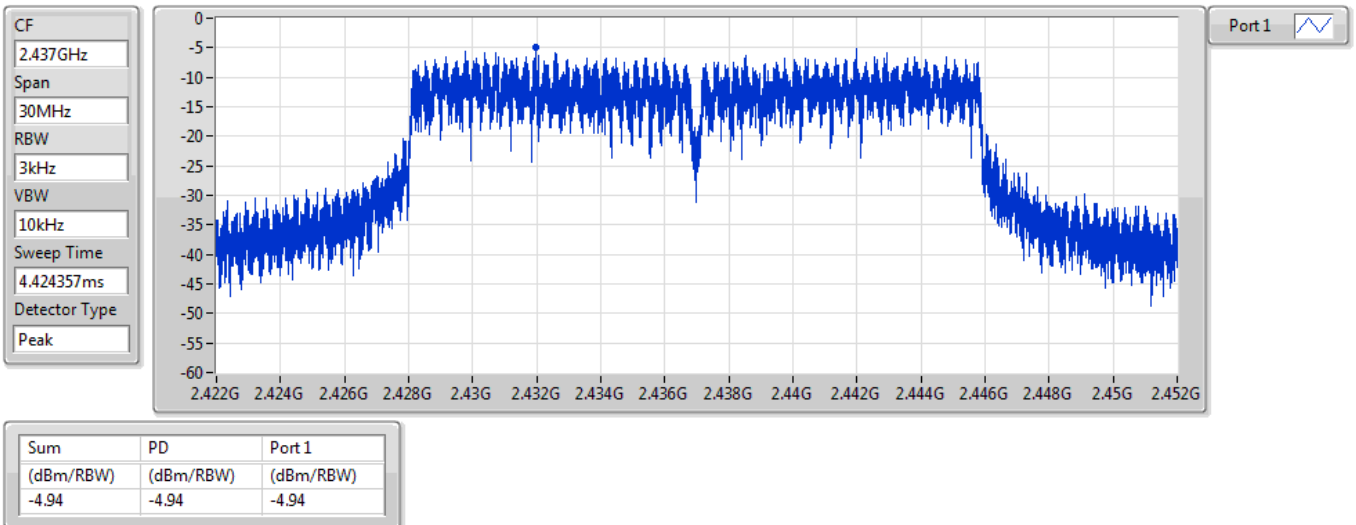


802.11n HT20_Nss1,(MCS0)_1TX

PSD

2437MHz

03/02/2021

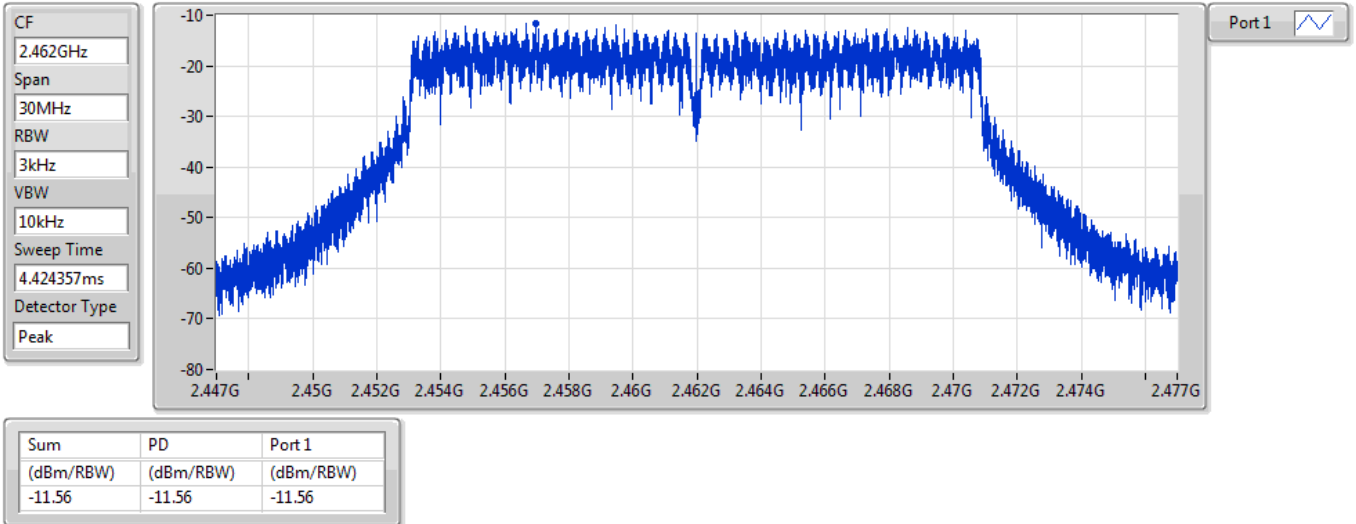


802.11n HT20_Nss1,(MCS0)_1TX

PSD

2462MHz

03/02/2021

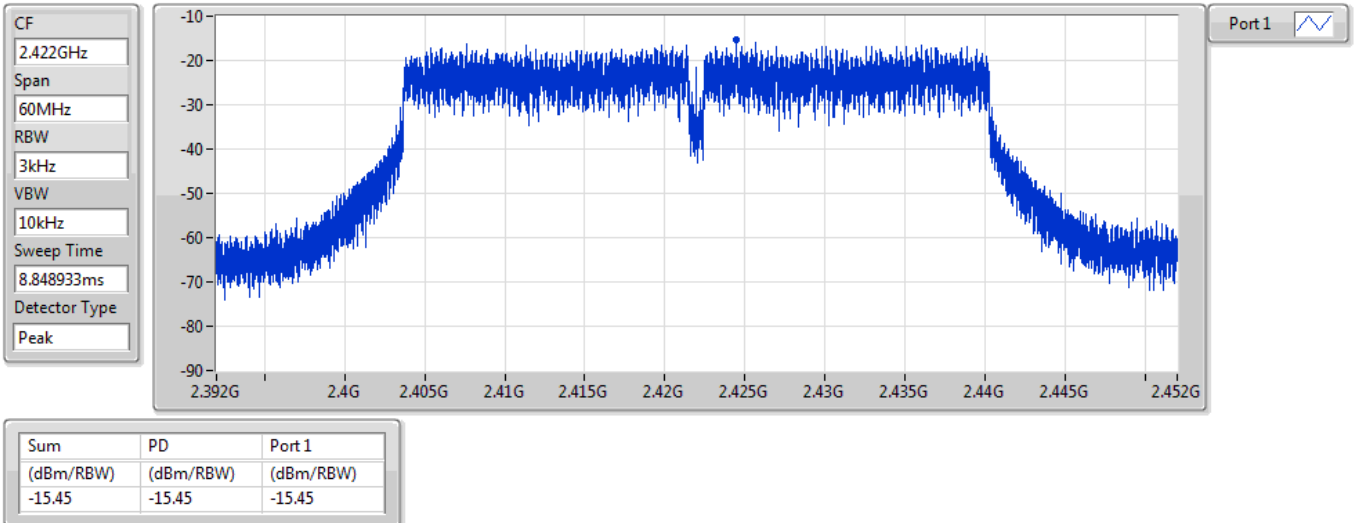


802.11n HT40_Nss1,(MCS0)_1TX

PSD

2422MHz

03/02/2021

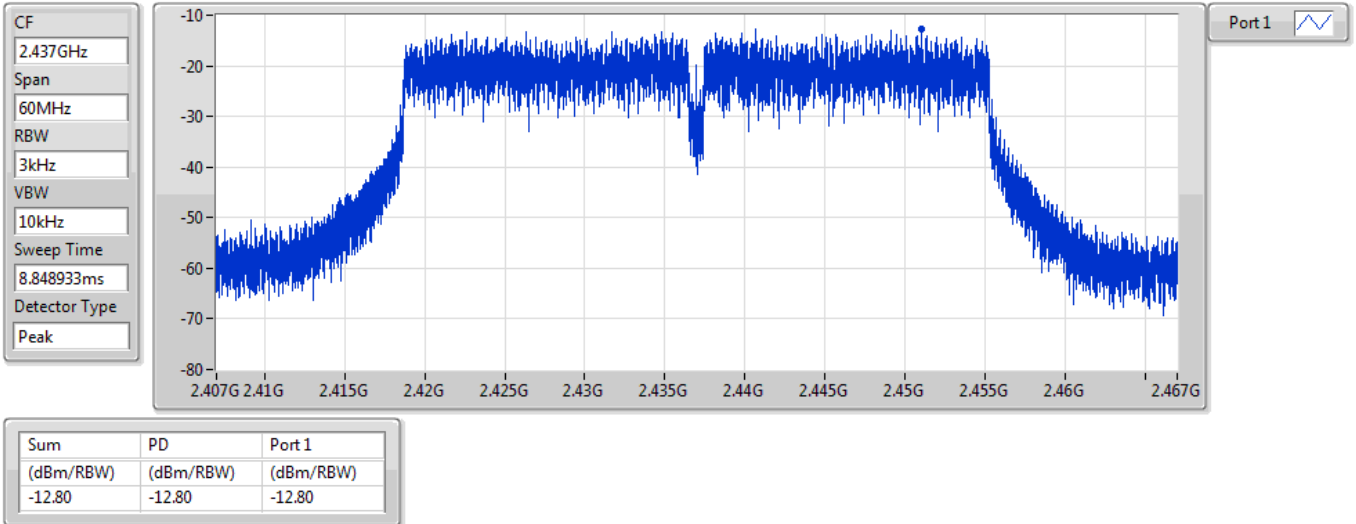


802.11n HT40_Nss1,(MCS0)_1TX

PSD

2437MHz

03/02/2021

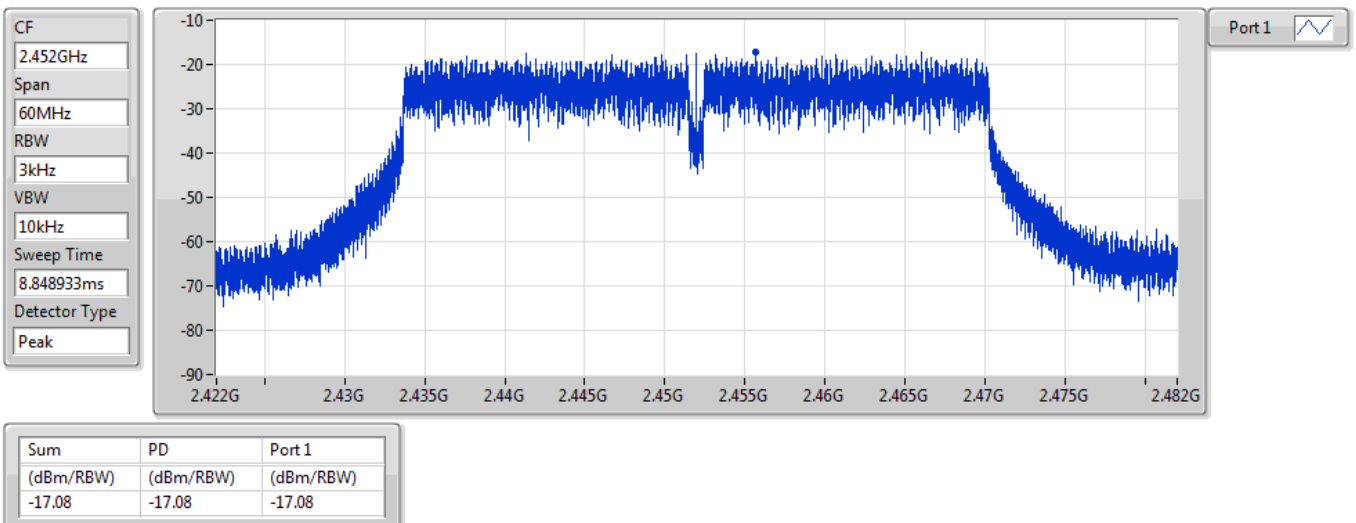


802.11n HT40_Nss1,(MCS0)_1TX

PSD

2452MHz

03/02/2021





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	Pass	2.43799G	13.88	-16.12	2.30961G	-56.00	2.39998G	-34.67	2.4G	-36.02	2.49398G	-50.20	23.52217G	-41.15	1
802.11g_Nss1,(6Mbps)_1TX	Pass	2.43198G	11.39	-18.61	2.13952G	-55.57	2.39944G	-27.26	2.4G	-28.66	2.50006G	-51.38	23.40698G	-40.08	1
802.11n HT20_Nss1,(MCS0)_1TX	Pass	2.43073G	11.30	-18.70	2.30233G	-55.40	2.39988G	-30.98	2.4G	-32.66	2.49786G	-51.91	14.99234G	-40.28	1
802.11n HT40_Nss1,(MCS0)_1TX	Pass	2.43444G	3.07	-26.93	2.10131G	-55.75	2.39972G	-33.58	2.4G	-35.08	2.49318G	-51.43	15.21488G	-41.23	1

Result

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43799G	13.88	-16.12	2.30961G	-56.00	2.39998G	-34.67	2.4G	-36.02	2.49398G	-50.20	23.52217G	-41.15	1
2437MHz	Pass	2.43799G	13.88	-16.12	2.13865G	-54.09	2.39998G	-35.51	2.4G	-35.28	2.48438G	-41.99	23.4435G	-40.01	1
2462MHz	Pass	2.43799G	13.88	-16.12	2.30262G	-51.28	2.39058G	-53.70	2.4835G	-48.56	2.48694G	-44.63	16.67246G	-41.07	1
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43198G	11.39	-18.61	2.13952G	-55.57	2.39944G	-27.26	2.4G	-28.66	2.50006G	-51.38	23.40698G	-40.08	1
2437MHz	Pass	2.43198G	11.39	-18.61	2.16865G	-55.01	2.39796G	-41.87	2.4G	-42.70	2.48576G	-45.93	23.59522G	-41.30	1
2462MHz	Pass	2.43198G	11.39	-18.61	2.30204G	-52.99	2.39998G	-53.27	2.4835G	-47.21	2.4851G	-42.29	23.35922G	-41.24	1
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43073G	11.30	-18.70	2.30233G	-55.40	2.39988G	-30.98	2.4G	-32.66	2.49786G	-51.91	14.99234G	-40.28	1
2437MHz	Pass	2.43073G	11.30	-18.70	2.30845G	-54.27	2.39892G	-41.01	2.4G	-43.40	2.48446G	-43.70	23.44912G	-40.77	1
2462MHz	Pass	2.43073G	11.30	-18.70	2.30641G	-54.38	2.4G	-53.19	2.4835G	-43.01	2.4838G	-42.28	24.4128G	-41.40	1
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.43444G	3.07	-26.93	2.10131G	-55.75	2.39972G	-33.58	2.4G	-35.08	2.49318G	-51.43	15.21488G	-41.23	1
2437MHz	Pass	2.43444G	3.07	-26.93	2.13508G	-55.40	2.3982G	-38.25	2.4G	-41.32	2.48946G	-41.56	24.86819G	-40.86	1
2452MHz	Pass	2.43444G	3.07	-26.93	2.30111G	-55.31	2.39604G	-50.83	2.4835G	-45.23	2.48446G	-39.73	23.45469G	-41.09	1

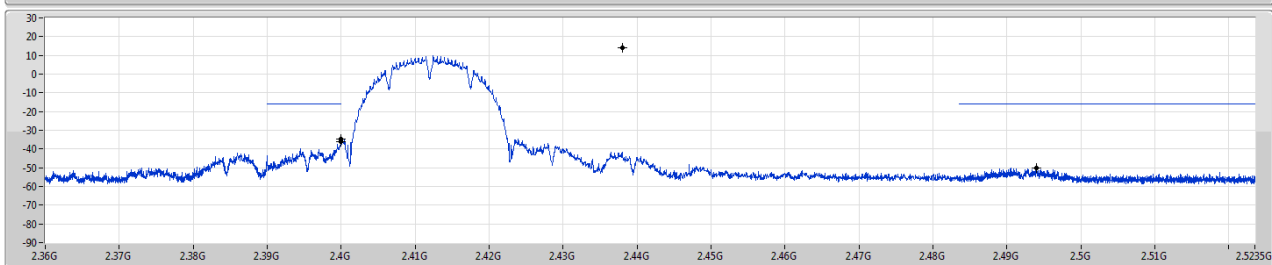
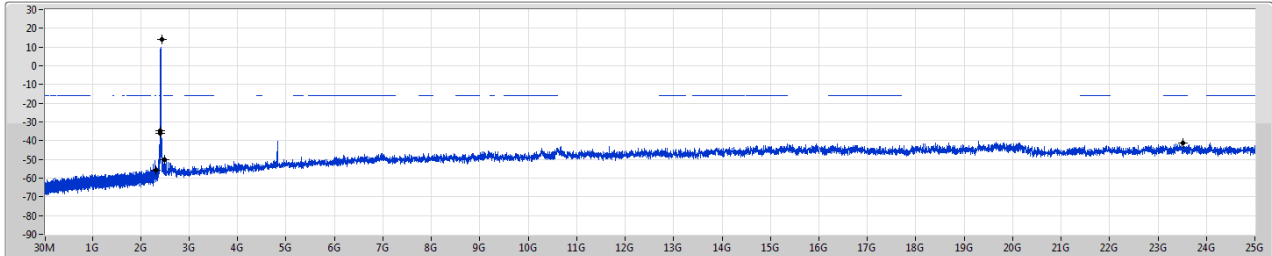
802.11b_Nss1,(1Mbps)_1TX

2412MHz

CSEndB

02/02/2021

Port1



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

Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43799G	13.88	-16.12	2.30961G	-56.00	2.39998G	-34.67	2.4G	-36.02	2.49398G	-50.20	23.52217G	-41.15	1

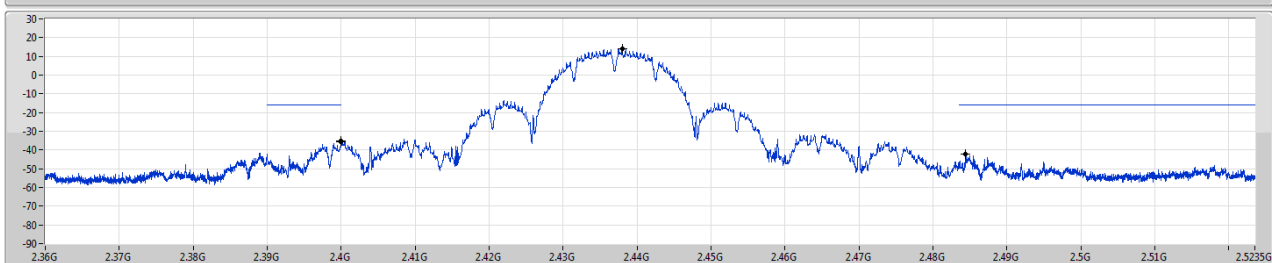
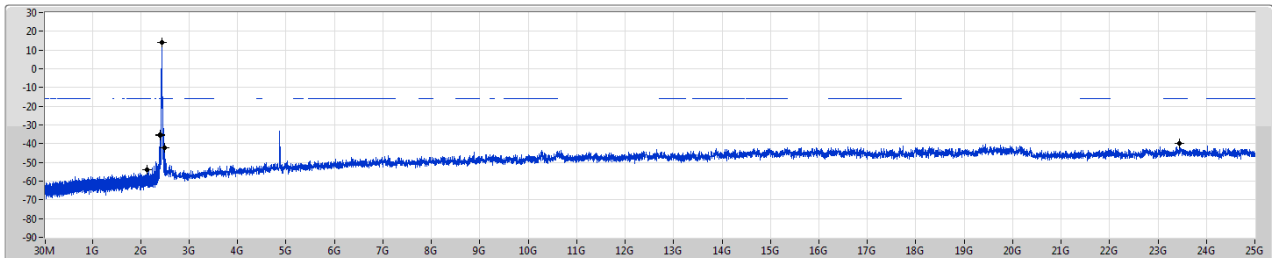
802.11b_Nss1,(1Mbps)_1TX

2437MHz

CSEndB

02/02/2021

Port1



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

Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43799G	13.88	-16.12	2.13865G	-54.09	2.39998G	-35.51	2.4G	-35.28	2.48438G	-41.99	23.4435G	-40.01	1

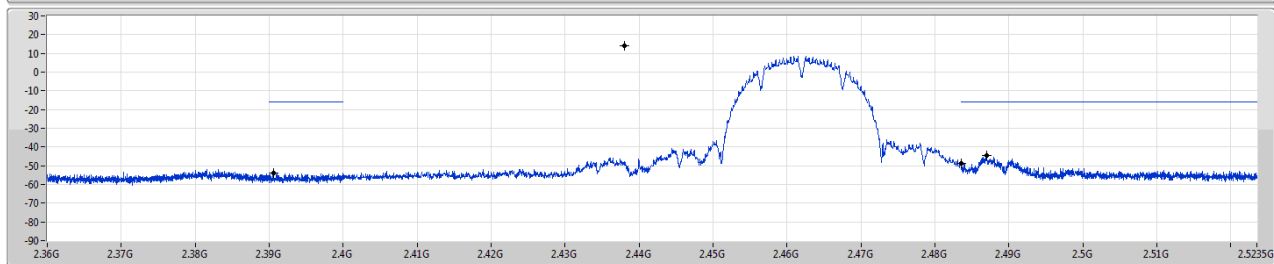
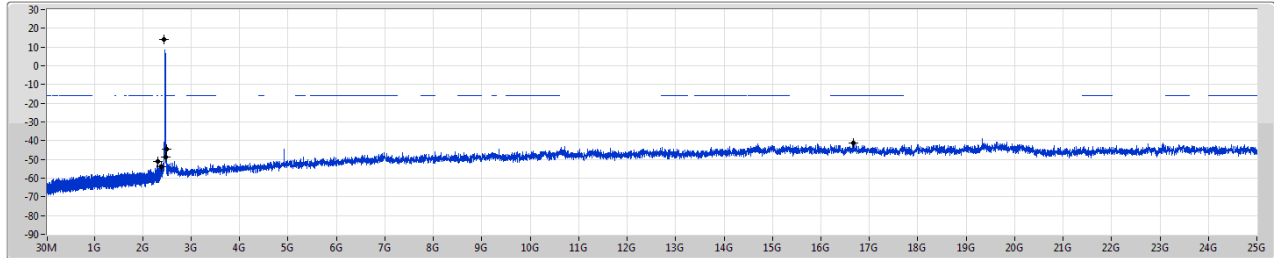
802.11b_Nss1,(1Mbps)_1TX

2462MHz

CSENdB

02/02/2021

Port 1



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

Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43799G	13.88	-16.12	2.30262G	-51.28	2.39058G	-53.70	2.4835G	-48.56	2.48694G	-44.63	16.67246G	-41.07	1

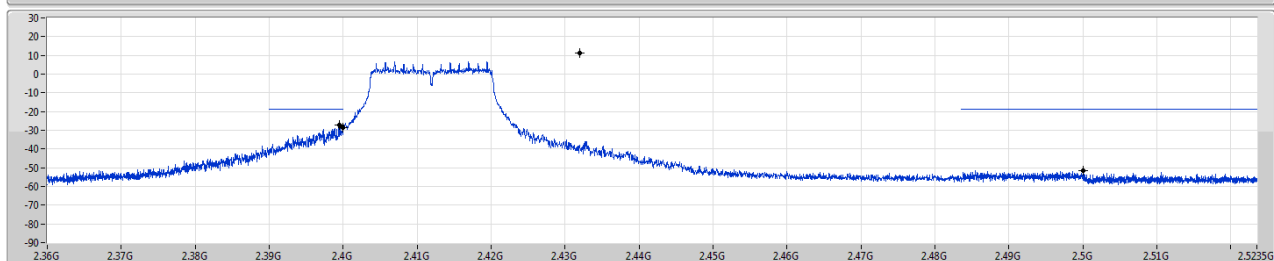
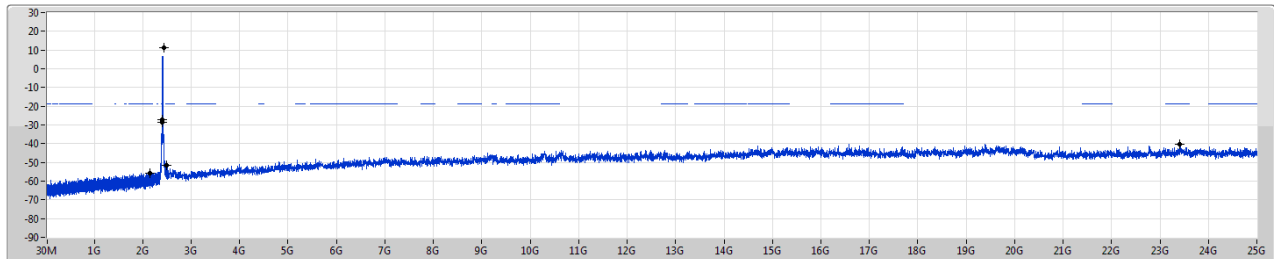
802.11g_Nss1,(6Mbps)_1TX

2412MHz

CSENdB

03/02/2021

Port 1



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

Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43198G	11.39	-18.61	2.13952G	-55.57	2.39944G	-27.26	2.4G	-28.66	2.50006G	-51.38	23.40698G	-40.08	1

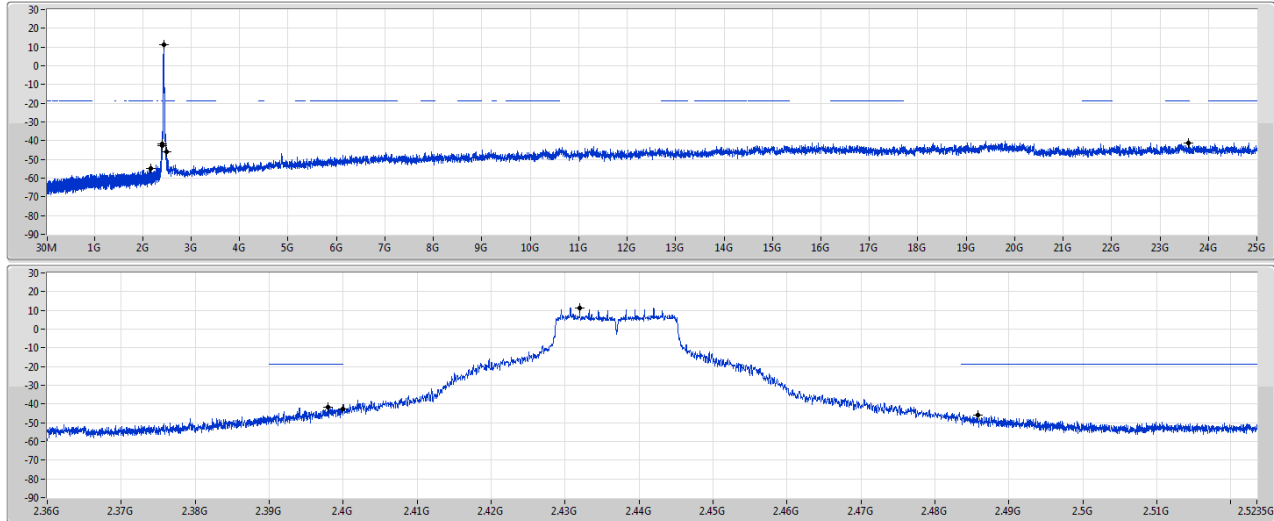
802.11g_Nss1,(6Mbps)_1TX

2437MHz

CSENdB

03/02/2021

Port 1



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
2.43198G	11.39	-18.61	2.16865G	-55.01	2.39796G	-41.87	2.4G	-42.70	2.48576G	-45.93	2.59522G	-41.30	1

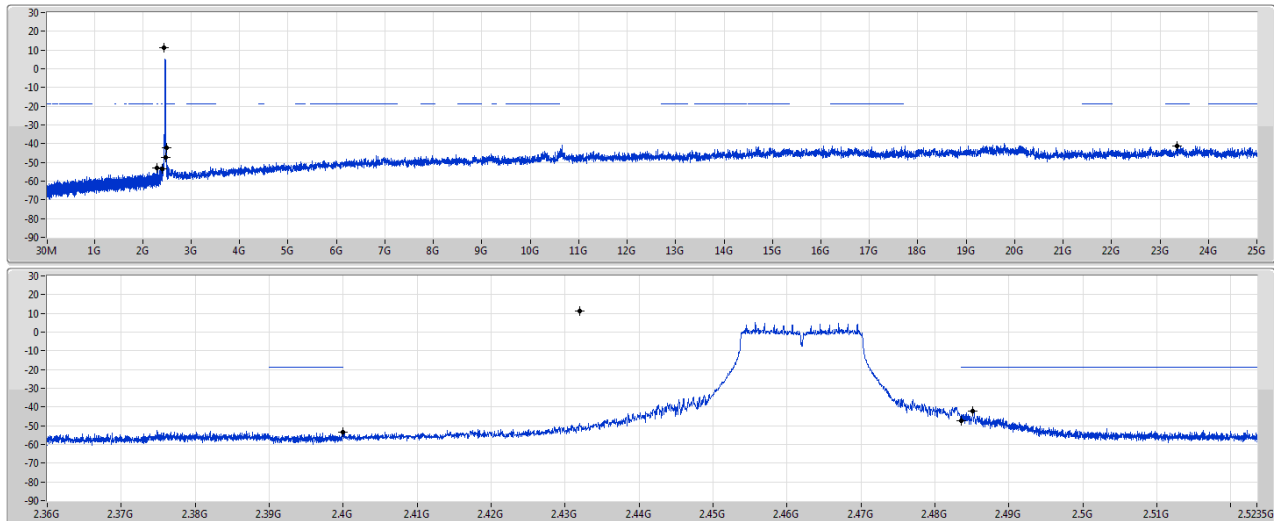
802.11g_Nss1,(6Mbps)_1TX

2462MHz

CSENdB

03/02/2021

Port 1



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
2.43198G	11.39	-18.61	2.30204G	-52.99	2.39998G	-53.27	2.4835G	-47.21	2.4851G	-42.29	2.59522G	-41.24	1

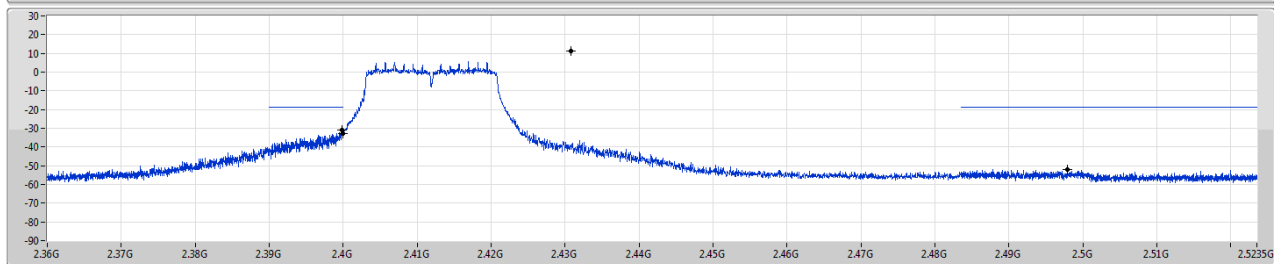
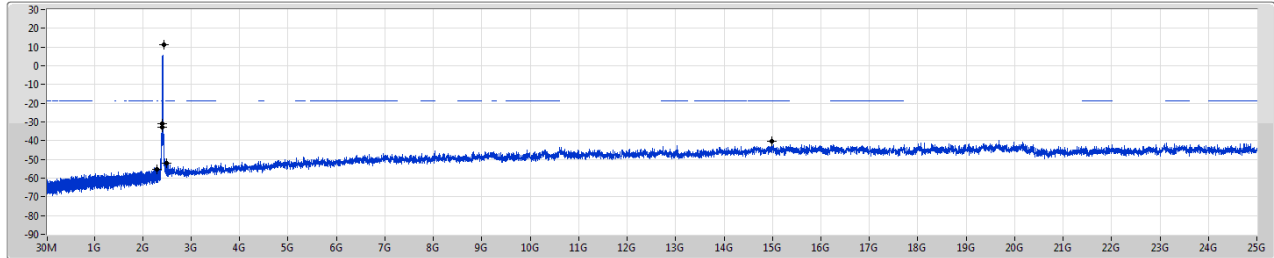
802.11n HT20_Nss1,(MCS0)_1TX

2412MHz

CSENdB

03/02/2021

Port 1



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

Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43073G	11.30	-18.70	2.30233G	-55.40	2.39988G	-30.98	2.4G	-32.66	2.49786G	-51.91	14.99234G	-40.28	1

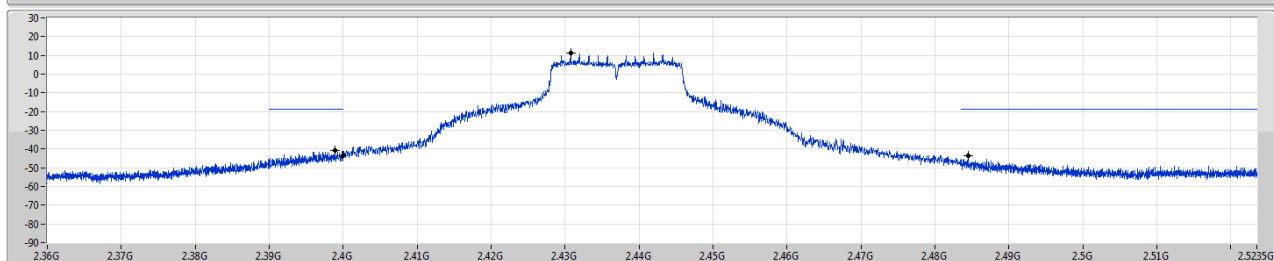
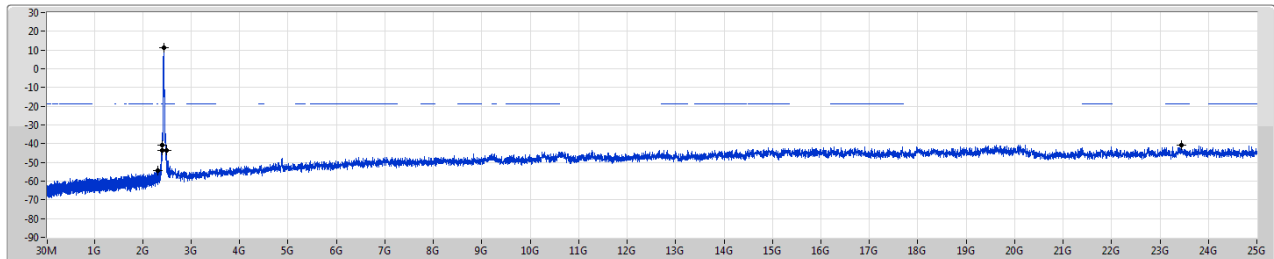
802.11n HT20_Nss1,(MCS0)_1TX

2437MHz

CSENdB

03/02/2021

Port 1



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

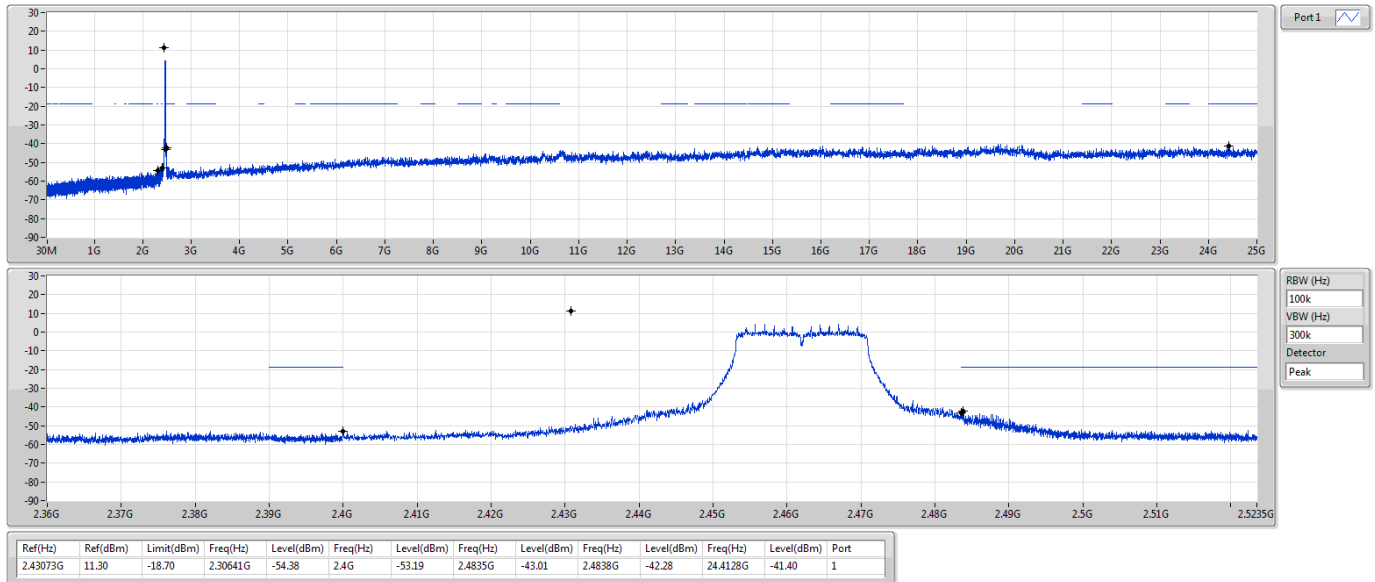
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43073G	11.30	-18.70	2.30845G	-54.27	2.39892G	-41.01	2.4G	-43.40	2.48446G	-43.70	23.44912G	-40.77	1

802.11n HT20_Nss1,(MCS0)_1TX

2462MHz

CSENdB

03/02/2021

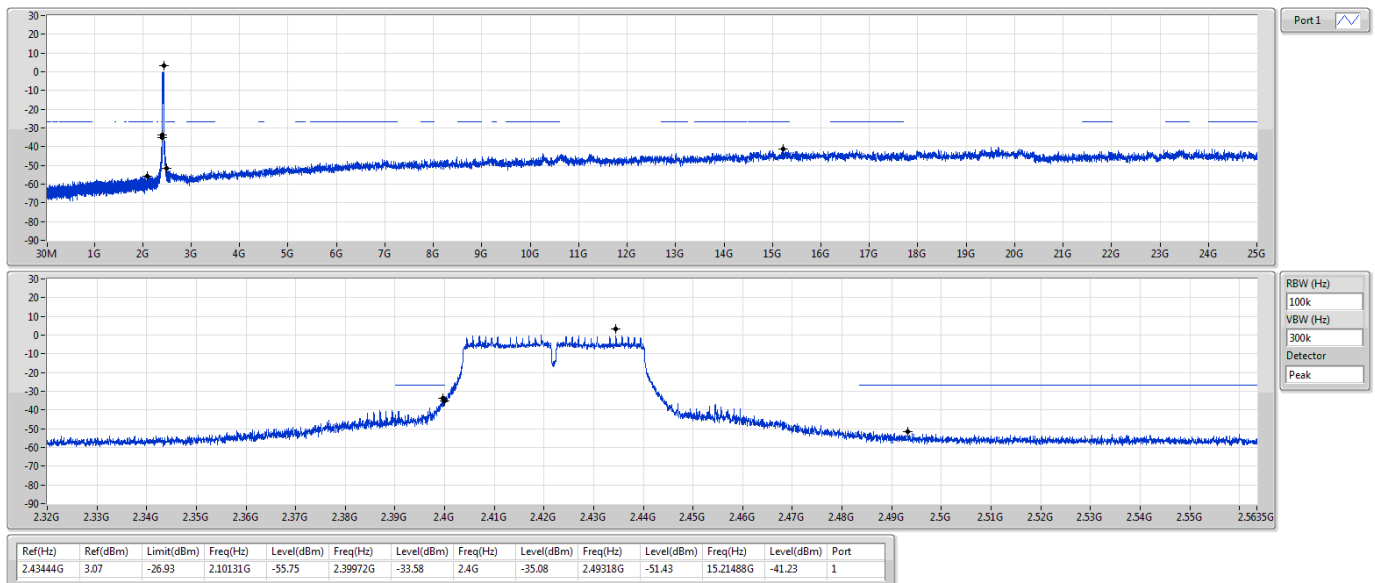


802.11n HT40_Nss1,(MCS0)_1TX

2422MHz

CSENdB

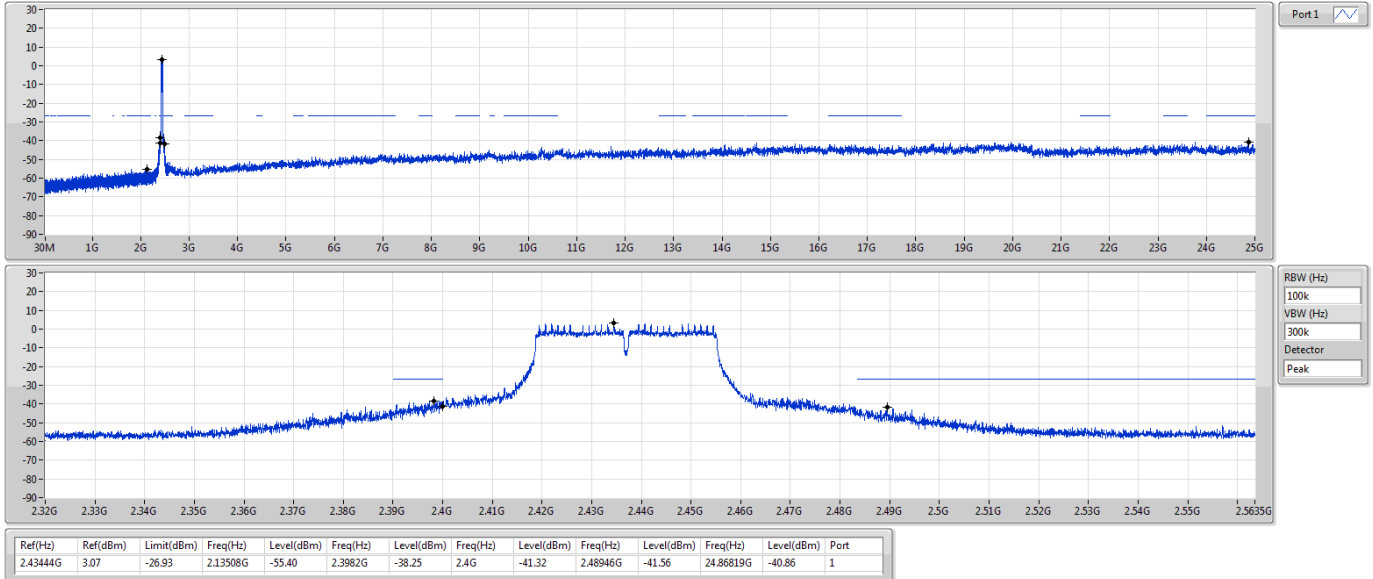
03/02/2021



802.11n HT40_Nss1,(MCS0)_1TX

CSENdB

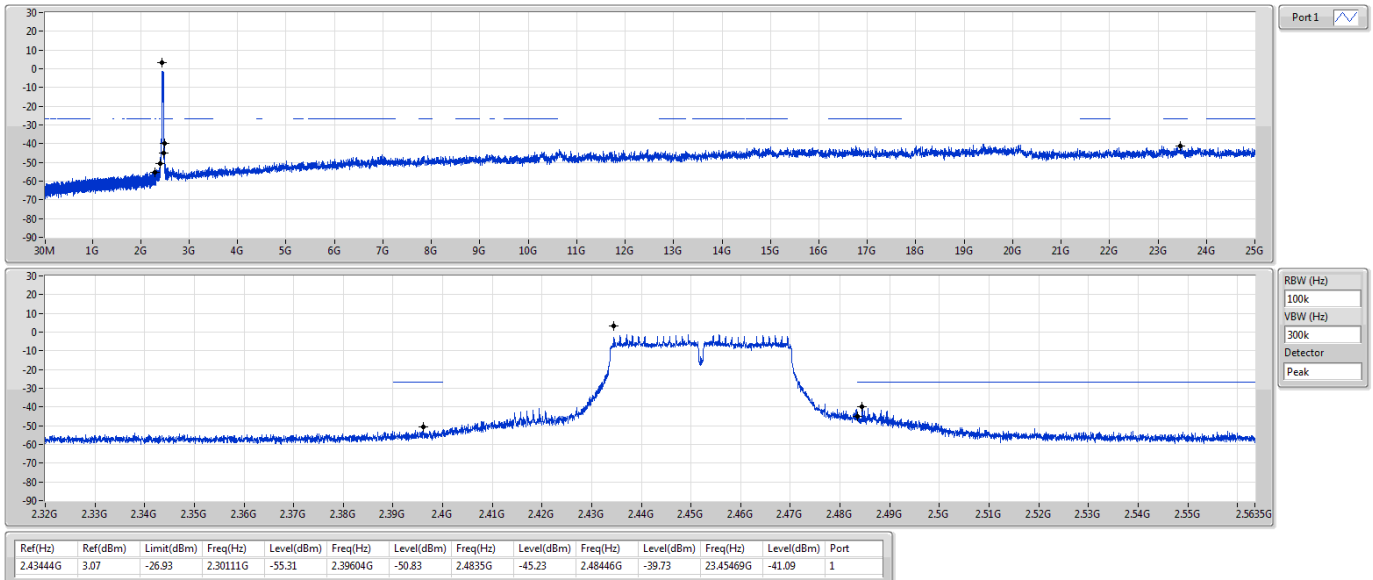
2437MHz



802.11n HT40_Nss1,(MCS0)_1TX

CSENdB

2452MHz





Summary

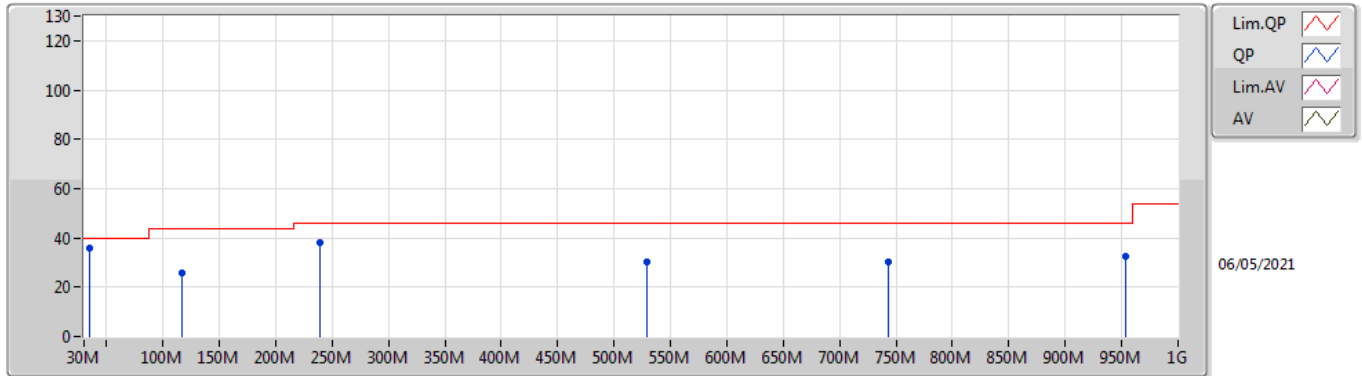
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11n HT40_Nss1,(MCS0)_1TX	Pass	QP	729.37M	42.93	46.00	-3.07	3	Horizontal	164	3.00	-

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)_1TX	-	-	-	-	-	-	-	-	-	-	-
2437MHz	Pass	PK	117.3M	25.58	43.50	-17.92	3	Vertical	360	1.00	-
2437MHz	Pass	PK	239.52M	38.23	46.00	-7.77	3	Vertical	360	1.00	-
2437MHz	Pass	PK	528.58M	30.43	46.00	-15.57	3	Vertical	360	1.00	-
2437MHz	Pass	PK	953.44M	32.26	46.00	-13.74	3	Vertical	360	1.00	-
2437MHz	Pass	QP	34.65M	36.04	40.00	-3.96	3	Vertical	178	1.00	-
2437MHz	Pass	QP	743.49M	30.21	46.00	-15.79	3	Vertical	319	1.00	-
2437MHz	Pass	PK	64.92M	35.44	40.00	-4.56	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	143.49M	33.35	43.50	-10.15	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	372.41M	35.12	46.00	-10.88	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	500.45M	32.01	46.00	-13.99	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	952.47M	32.24	46.00	-13.76	3	Horizontal	360	1.00	-
2437MHz	Pass	QP	729.37M	42.93	46.00	-3.07	3	Horizontal	164	3.00	-

802.11n HT40_Nss1,(MCS0)_1TX

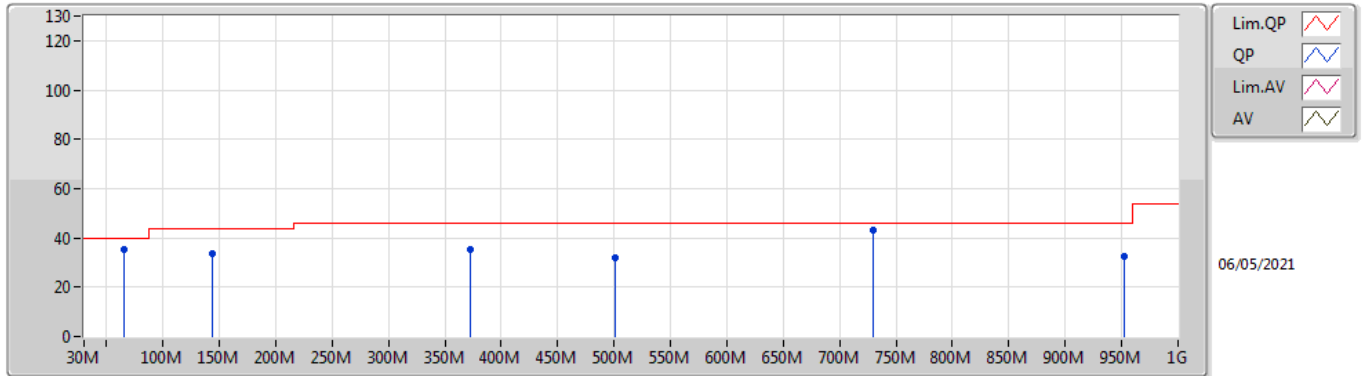
2437MHz_USB



Type	Freq (Hz)	Level (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	117.3M	25.58	43.50	-17.92	-18.97	3	Vertical	360	1.00	-	44.55	16.63	1.07	36.67
PK	239.52M	38.23	46.00	-7.77	-18.55	3	Vertical	360	1.00	-	56.78	16.35	1.46	36.36
PK	528.58M	30.43	46.00	-15.57	-11.49	3	Vertical	360	1.00	-	41.92	23.23	2.32	37.04
PK	953.44M	32.26	46.00	-13.74	-4.32	3	Vertical	360	1.00	-	36.58	30.12	3.10	37.54
QP	34.65M	36.04	40.00	-3.96	-15.11	3	Vertical	178	1.00	-	51.15	21.32	0.65	37.08
QP	743.49M	30.21	46.00	-15.79	-7.60	3	Vertical	319	1.00	-	37.81	27.19	2.78	37.57

802.11n HT40_Nss1,(MCS0)_1TX

2437MHz_USB



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	64.92M	35.44	40.00	-4.56	-25.30	3	Horizontal	360	1.00	-	60.74	10.91	0.82	37.03
PK	143.49M	33.35	43.50	-10.15	-18.60	3	Horizontal	360	1.00	-	51.95	16.62	1.18	36.40
PK	372.41M	35.12	46.00	-10.88	-14.63	3	Horizontal	360	1.00	-	49.75	20.09	1.83	36.55
PK	500.45M	32.01	46.00	-13.99	-11.51	3	Horizontal	360	1.00	-	43.52	23.25	2.23	36.99
PK	952.47M	32.24	46.00	-13.76	-4.36	3	Horizontal	360	1.00	-	36.60	30.09	3.10	37.55
QP	729.37M	42.93	46.00	-3.07	-7.93	3	Horizontal	164	3.00	-	50.86	26.81	2.74	37.48

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	2.39G	53.78	54.00	-0.22	3	Horizontal	22	1.01	-
802.11g_Nss1,(6Mbps)_1TX	Pass	AV	2.39G	53.77	54.00	-0.23	3	Horizontal	22	1.00	-
802.11n HT20_Nss1,(MCS0)_1TX	Pass	AV	2.39G	53.79	54.00	-0.21	3	Horizontal	24	1.00	-
802.11n HT40_Nss1,(MCS0)_1TX	Pass	AV	2.39G	53.73	54.00	-0.27	3	Horizontal	25	1.00	-

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	48.92	54.00	-5.08	3	Vertical	142	1.04	-
2412MHz	Pass	AV	2.4112G	101.34	Inf	-Inf	3	Vertical	142	1.04	-
2412MHz	Pass	PK	2.3866G	58.89	74.00	-15.11	3	Vertical	142	1.04	-
2412MHz	Pass	PK	2.4122G	104.21	Inf	-Inf	3	Vertical	142	1.04	-
2412MHz	Pass	AV	2.3862G	53.65	54.00	-0.35	3	Horizontal	19.9	1.15	-
2412MHz	Pass	AV	2.4112G	104.89	Inf	-Inf	3	Horizontal	19.9	1.15	-
2412MHz	Pass	PK	2.3864G	61.15	74.00	-12.85	3	Horizontal	19.9	1.15	-
2412MHz	Pass	PK	2.4122G	107.81	Inf	-Inf	3	Horizontal	19.9	1.15	-
2412MHz	Pass	AV	4.82396G	44.73	54.00	-9.27	3	Vertical	287	1.03	-
2412MHz	Pass	PK	4.82388G	49.55	74.00	-24.45	3	Vertical	287	1.03	-
2412MHz	Pass	AV	4.82397G	43.67	54.00	-10.33	3	Horizontal	31	1.50	-
2412MHz	Pass	PK	4.82406G	48.95	74.00	-25.05	3	Horizontal	31	1.50	-
2417MHz	Pass	AV	2.39G	48.57	54.00	-5.43	3	Vertical	152	1.31	-
2417MHz	Pass	AV	2.4162G	101.65	Inf	-Inf	3	Vertical	152	1.31	-
2417MHz	Pass	PK	2.3894G	58.19	74.00	-15.81	3	Vertical	152	1.31	-
2417MHz	Pass	PK	2.4168G	104.81	Inf	-Inf	3	Vertical	152	1.31	-
2417MHz	Pass	AV	2.39G	53.78	54.00	-0.22	3	Horizontal	22	1.01	-
2417MHz	Pass	AV	2.4182G	105.96	Inf	-Inf	3	Horizontal	22	1.01	-
2417MHz	Pass	PK	2.3882G	61.48	74.00	-12.52	3	Horizontal	22	1.01	-
2417MHz	Pass	PK	2.4172G	109.17	Inf	-Inf	3	Horizontal	22	1.01	-
2437MHz	Pass	AV	2.3894G	46.48	54.00	-7.52	3	Vertical	151	1.50	-
2437MHz	Pass	AV	2.4378G	105.00	Inf	-Inf	3	Vertical	151	1.50	-
2437MHz	Pass	AV	2.4846G	49.01	54.00	-4.99	3	Vertical	151	1.50	-
2437MHz	Pass	PK	2.3894G	57.58	74.00	-16.42	3	Vertical	151	1.50	-
2437MHz	Pass	PK	2.4378G	107.80	Inf	-Inf	3	Vertical	151	1.50	-
2437MHz	Pass	PK	2.4842G	58.15	74.00	-15.85	3	Vertical	151	1.50	-
2437MHz	Pass	AV	2.389G	51.20	54.00	-2.80	3	Horizontal	19	1.28	-
2437MHz	Pass	AV	2.4386G	110.12	Inf	-Inf	3	Horizontal	19	1.28	-
2437MHz	Pass	AV	2.4846G	53.22	54.00	-0.78	3	Horizontal	19	1.28	-
2437MHz	Pass	PK	2.389G	59.46	74.00	-14.54	3	Horizontal	19	1.28	-
2437MHz	Pass	PK	2.4378G	113.16	Inf	-Inf	3	Horizontal	19	1.28	-
2437MHz	Pass	PK	2.485G	61.09	74.00	-12.91	3	Horizontal	19	1.28	-
2437MHz	Pass	AV	4.874G	49.51	54.00	-4.49	3	Vertical	25	2.77	-
2437MHz	Pass	AV	7.31172G	45.43	54.00	-8.57	3	Vertical	341	1.18	-
2437MHz	Pass	PK	4.87402G	52.51	74.00	-21.49	3	Vertical	25	2.77	-
2437MHz	Pass	PK	7.31196G	53.12	74.00	-20.88	3	Vertical	341	1.18	-
2437MHz	Pass	AV	4.87399G	51.25	54.00	-2.75	3	Horizontal	45	2.71	-
2437MHz	Pass	AV	7.31016G	44.73	54.00	-9.27	3	Horizontal	137	2.64	-
2437MHz	Pass	PK	4.87391G	53.99	74.00	-20.01	3	Horizontal	45	2.71	-
2437MHz	Pass	PK	7.31188G	52.62	74.00	-21.38	3	Horizontal	137	2.64	-
2457MHz	Pass	AV	2.4562G	102.52	Inf	-Inf	3	Vertical	86	1.01	-
2457MHz	Pass	AV	2.4835G	50.68	54.00	-3.32	3	Vertical	86	1.01	-
2457MHz	Pass	PK	2.457G	105.66	Inf	-Inf	3	Vertical	86	1.01	-
2457MHz	Pass	PK	2.4836G	59.33	74.00	-14.67	3	Vertical	86	1.01	-
2457MHz	Pass	AV	2.4582G	105.75	Inf	-Inf	3	Horizontal	22	1.00	-
2457MHz	Pass	AV	2.4835G	53.71	54.00	-0.29	3	Horizontal	22	1.00	-
2457MHz	Pass	PK	2.457G	109.03	Inf	-Inf	3	Horizontal	22	1.00	-
2457MHz	Pass	PK	2.4835G	61.31	74.00	-12.69	3	Horizontal	22	1.00	-
2462MHz	Pass	AV	2.4612G	101.24	Inf	-Inf	3	Vertical	148	1.00	-
2462MHz	Pass	AV	2.4876G	49.57	54.00	-4.43	3	Vertical	148	1.00	-
2462MHz	Pass	PK	2.4622G	104.29	Inf	-Inf	3	Vertical	148	1.00	-
2462MHz	Pass	PK	2.4874G	59.32	74.00	-14.68	3	Vertical	148	1.00	-
2462MHz	Pass	AV	2.4628G	105.81	Inf	-Inf	3	Horizontal	22	1.00	-
2462MHz	Pass	AV	2.4876G	53.72	54.00	-0.28	3	Horizontal	22	1.00	-
2462MHz	Pass	PK	2.4622G	108.98	Inf	-Inf	3	Horizontal	22	1.00	-
2462MHz	Pass	PK	2.4874G	61.31	74.00	-12.69	3	Horizontal	22	1.00	-
2462MHz	Pass	AV	4.92399G	44.98	54.00	-9.02	3	Vertical	307	1.04	-
2462MHz	Pass	AV	7.38694G	39.27	54.00	-14.73	3	Vertical	345	1.09	-
2462MHz	Pass	PK	4.92391G	49.09	74.00	-24.91	3	Vertical	307	1.04	-
2462MHz	Pass	PK	7.3875G	51.42	74.00	-22.58	3	Vertical	345	1.09	-



Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2462MHz	Pass	AV	4.92397G	45.09	54.00	-8.91	3	Horizontal	30	1.17	-
2462MHz	Pass	AV	7.3867G	39.12	54.00	-14.88	3	Horizontal	34	2.70	-
2462MHz	Pass	PK	4.92394G	49.25	74.00	-24.75	3	Horizontal	30	1.17	-
2462MHz	Pass	PK	7.38736G	50.78	74.00	-23.22	3	Horizontal	34	2.70	-
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3898G	49.42	54.00	-4.58	3	Vertical	150	1.29	-
2412MHz	Pass	AV	2.417G	95.59	Inf	-Inf	3	Vertical	150	1.29	-
2412MHz	Pass	PK	2.39G	63.00	74.00	-11.00	3	Vertical	150	1.29	-
2412MHz	Pass	PK	2.4176G	104.97	Inf	-Inf	3	Vertical	150	1.29	-
2412MHz	Pass	AV	2.39G	53.77	54.00	-0.23	3	Horizontal	22	1.00	-
2412MHz	Pass	AV	2.4192G	99.84	Inf	-Inf	3	Horizontal	22	1.00	-
2412MHz	Pass	PK	2.389G	68.73	74.00	-5.27	3	Horizontal	22	1.00	-
2412MHz	Pass	PK	2.4176G	109.10	Inf	-Inf	3	Horizontal	22	1.00	-
2412MHz	Pass	AV	4.825G	30.69	54.00	-23.31	3	Vertical	31	1.11	-
2412MHz	Pass	PK	4.82366G	43.71	74.00	-30.29	3	Vertical	31	1.11	-
2412MHz	Pass	AV	4.82398G	32.43	54.00	-21.57	3	Horizontal	51	2.76	-
2412MHz	Pass	PK	4.82506G	45.26	74.00	-28.74	3	Horizontal	51	2.76	-
2417MHz	Pass	AV	2.39G	49.58	54.00	-4.42	3	Vertical	142	1.06	-
2417MHz	Pass	AV	2.4102G	98.18	Inf	-Inf	3	Vertical	142	1.06	-
2417MHz	Pass	PK	2.3886G	63.14	74.00	-10.86	3	Vertical	142	1.06	-
2417MHz	Pass	PK	2.412G	107.33	Inf	-Inf	3	Vertical	142	1.06	-
2417MHz	Pass	AV	2.39G	53.73	54.00	-0.27	3	Horizontal	24	1.00	-
2417MHz	Pass	AV	2.422G	102.26	Inf	-Inf	3	Horizontal	24	1.00	-
2417MHz	Pass	PK	2.3858G	67.74	74.00	-6.26	3	Horizontal	24	1.00	-
2417MHz	Pass	PK	2.4226G	111.55	Inf	-Inf	3	Horizontal	24	1.00	-
2437MHz	Pass	AV	2.3898G	45.58	54.00	-8.42	3	Vertical	150	1.54	-
2437MHz	Pass	AV	2.4302G	99.67	Inf	-Inf	3	Vertical	150	1.54	-
2437MHz	Pass	AV	2.4835G	46.06	54.00	-7.94	3	Vertical	150	1.54	-
2437MHz	Pass	PK	2.389G	59.93	74.00	-14.07	3	Vertical	150	1.54	-
2437MHz	Pass	PK	2.4322G	108.64	Inf	-Inf	3	Vertical	150	1.54	-
2437MHz	Pass	PK	2.4842G	58.21	74.00	-15.79	3	Vertical	150	1.54	-
2437MHz	Pass	AV	2.3898G	47.08	54.00	-6.92	3	Horizontal	22	1.28	-
2437MHz	Pass	AV	2.4422G	104.61	Inf	-Inf	3	Horizontal	22	1.28	-
2437MHz	Pass	AV	2.4835G	48.45	54.00	-5.55	3	Horizontal	22	1.28	-
2437MHz	Pass	PK	2.3894G	61.11	74.00	-12.89	3	Horizontal	22	1.28	-
2437MHz	Pass	PK	2.4426G	113.68	Inf	-Inf	3	Horizontal	22	1.28	-
2437MHz	Pass	PK	2.4878G	61.44	74.00	-12.56	3	Horizontal	22	1.28	-
2437MHz	Pass	AV	4.87424G	34.92	54.00	-19.08	3	Vertical	29	2.92	-
2437MHz	Pass	AV	7.31136G	38.46	54.00	-15.54	3	Vertical	354	1.16	-
2437MHz	Pass	PK	4.8748G	47.54	74.00	-26.46	3	Vertical	29	2.92	-
2437MHz	Pass	PK	7.31046G	50.69	74.00	-23.31	3	Vertical	354	1.16	-
2437MHz	Pass	AV	4.87382G	35.81	54.00	-18.19	3	Horizontal	48	2.71	-
2437MHz	Pass	AV	7.31148G	39.05	54.00	-14.95	3	Horizontal	28	2.86	-
2437MHz	Pass	PK	4.8743G	47.92	74.00	-26.08	3	Horizontal	48	2.71	-
2437MHz	Pass	PK	7.3179G	51.53	74.00	-22.47	3	Horizontal	28	2.86	-
2457MHz	Pass	AV	2.462G	97.06	Inf	-Inf	3	Vertical	152	1.81	-
2457MHz	Pass	AV	2.4835G	49.56	54.00	-4.44	3	Vertical	152	1.81	-
2457MHz	Pass	PK	2.4626G	106.30	Inf	-Inf	3	Vertical	152	1.81	-
2457MHz	Pass	PK	2.4836G	65.39	74.00	-8.61	3	Vertical	152	1.81	-
2457MHz	Pass	AV	2.462G	102.04	Inf	-Inf	3	Horizontal	22	1.00	-
2457MHz	Pass	AV	2.4835G	53.69	54.00	-0.31	3	Horizontal	22	1.00	-
2457MHz	Pass	PK	2.4626G	111.30	Inf	-Inf	3	Horizontal	22	1.00	-
2457MHz	Pass	PK	2.4838G	69.55	74.00	-4.45	3	Horizontal	22	1.00	-
2462MHz	Pass	AV	2.4552G	94.98	Inf	-Inf	3	Vertical	150	1.25	-
2462MHz	Pass	AV	2.4835G	50.98	54.00	-3.02	3	Vertical	150	1.25	-
2462MHz	Pass	PK	2.457G	104.32	Inf	-Inf	3	Vertical	150	1.25	-
2462MHz	Pass	PK	2.4846G	63.76	74.00	-10.24	3	Vertical	150	1.25	-
2462MHz	Pass	AV	2.4672G	99.42	Inf	-Inf	3	Horizontal	23	1.00	-
2462MHz	Pass	AV	2.4835G	53.65	54.00	-0.35	3	Horizontal	23	1.00	-
2462MHz	Pass	PK	2.457G	108.70	Inf	-Inf	3	Horizontal	23	1.00	-
2462MHz	Pass	PK	2.4835G	66.27	74.00	-7.73	3	Horizontal	23	1.00	-
2462MHz	Pass	AV	4.92388G	32.12	54.00	-21.88	3	Vertical	317	1.06	-



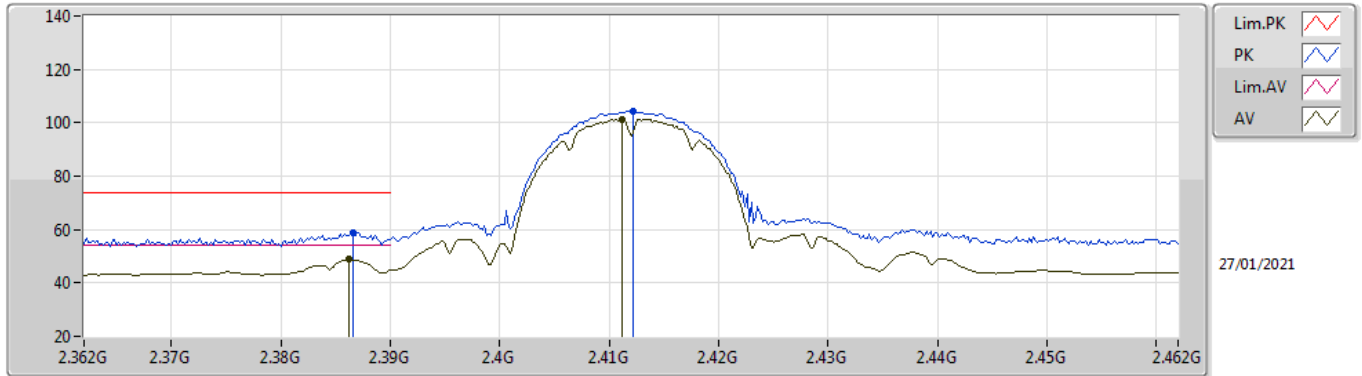
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2462MHz	Pass	AV	7.38924G	36.81	54.00	-17.19	3	Vertical	346	1.10	-
2462MHz	Pass	PK	4.91512G	44.49	74.00	-29.51	3	Vertical	317	1.06	-
2462MHz	Pass	PK	7.38894G	49.20	74.00	-24.80	3	Vertical	346	1.10	-
2462MHz	Pass	AV	4.93792G	30.26	54.00	-23.74	3	Horizontal	338	1.85	-
2462MHz	Pass	AV	7.38858G	36.11	54.00	-17.89	3	Horizontal	150	1.50	-
2462MHz	Pass	PK	4.9165G	43.79	74.00	-30.21	3	Horizontal	338	1.85	-
2462MHz	Pass	PK	7.37622G	48.73	74.00	-25.27	3	Horizontal	150	1.50	-
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	48.96	54.00	-5.04	3	Vertical	152	1.30	-
2412MHz	Pass	AV	2.4182G	94.69	Inf	-Inf	3	Vertical	152	1.30	-
2412MHz	Pass	PK	2.3898G	63.39	74.00	-10.61	3	Vertical	152	1.30	-
2412MHz	Pass	PK	2.4176G	103.71	Inf	-Inf	3	Vertical	152	1.30	-
2412MHz	Pass	AV	2.39G	53.65	54.00	-0.35	3	Horizontal	23	1.01	-
2412MHz	Pass	AV	2.4184G	98.97	Inf	-Inf	3	Horizontal	23	1.01	-
2412MHz	Pass	PK	2.3894G	68.68	74.00	-5.32	3	Horizontal	23	1.01	-
2412MHz	Pass	PK	2.4184G	109.11	Inf	-Inf	3	Horizontal	23	1.01	-
2412MHz	Pass	AV	4.82478G	32.23	54.00	-21.77	3	Vertical	293	1.11	-
2412MHz	Pass	PK	4.82508G	45.15	74.00	-28.85	3	Vertical	293	1.11	-
2412MHz	Pass	AV	4.82754G	32.19	54.00	-21.81	3	Horizontal	354	2.94	-
2412MHz	Pass	PK	4.81578G	44.61	74.00	-29.39	3	Horizontal	354	2.94	-
2417MHz	Pass	AV	2.39G	49.92	54.00	-4.08	3	Vertical	150	1.31	-
2417MHz	Pass	AV	2.421G	96.97	Inf	-Inf	3	Vertical	150	1.31	-
2417MHz	Pass	PK	2.3886G	63.24	74.00	-10.76	3	Vertical	150	1.31	-
2417MHz	Pass	PK	2.4202G	106.13	Inf	-Inf	3	Vertical	150	1.31	-
2417MHz	Pass	AV	2.39G	53.79	54.00	-0.21	3	Horizontal	24	1.00	-
2417MHz	Pass	AV	2.4234G	101.83	Inf	-Inf	3	Horizontal	24	1.00	-
2417MHz	Pass	PK	2.387G	67.73	74.00	-6.27	3	Horizontal	24	1.00	-
2417MHz	Pass	PK	2.4234G	110.73	Inf	-Inf	3	Horizontal	24	1.00	-
2437MHz	Pass	AV	2.3898G	45.79	54.00	-8.21	3	Vertical	150	1.99	-
2437MHz	Pass	AV	2.4434G	99.42	Inf	-Inf	3	Vertical	150	1.99	-
2437MHz	Pass	AV	2.4838G	46.42	54.00	-7.58	3	Vertical	150	1.99	-
2437MHz	Pass	PK	2.3874G	58.31	74.00	-15.69	3	Vertical	150	1.99	-
2437MHz	Pass	PK	2.4402G	108.46	Inf	-Inf	3	Vertical	150	1.99	-
2437MHz	Pass	PK	2.4838G	58.34	74.00	-15.66	3	Vertical	150	1.99	-
2437MHz	Pass	AV	2.3894G	47.53	54.00	-6.47	3	Horizontal	23	1.27	-
2437MHz	Pass	AV	2.4434G	104.43	Inf	-Inf	3	Horizontal	23	1.27	-
2437MHz	Pass	AV	2.4846G	48.69	54.00	-5.31	3	Horizontal	23	1.27	-
2437MHz	Pass	PK	2.3882G	61.02	74.00	-12.98	3	Horizontal	23	1.27	-
2437MHz	Pass	PK	2.4398G	113.52	Inf	-Inf	3	Horizontal	23	1.27	-
2437MHz	Pass	PK	2.4835G	62.34	74.00	-11.66	3	Horizontal	23	1.27	-
2437MHz	Pass	AV	4.8765G	34.23	54.00	-19.77	3	Vertical	292	1.21	-
2437MHz	Pass	AV	7.3068G	38.90	54.00	-15.10	3	Vertical	346	1.09	-
2437MHz	Pass	PK	4.8745G	46.89	74.00	-27.11	3	Vertical	292	1.21	-
2437MHz	Pass	PK	7.3064G	51.89	74.00	-22.11	3	Vertical	346	1.09	-
2437MHz	Pass	AV	4.87298G	34.79	54.00	-19.21	3	Horizontal	32	1.23	-
2437MHz	Pass	AV	7.3031G	38.50	54.00	-15.50	3	Horizontal	142	2.65	-
2437MHz	Pass	PK	4.87472G	47.70	74.00	-26.30	3	Horizontal	32	1.23	-
2437MHz	Pass	PK	7.3047G	51.75	74.00	-22.25	3	Horizontal	142	2.65	-
2457MHz	Pass	AV	2.4628G	96.58	Inf	-Inf	3	Vertical	152	1.80	-
2457MHz	Pass	AV	2.4835G	49.49	54.00	-4.51	3	Vertical	152	1.80	-
2457MHz	Pass	PK	2.4642G	105.76	Inf	-Inf	3	Vertical	152	1.80	-
2457MHz	Pass	PK	2.4846G	63.50	74.00	-10.50	3	Vertical	152	1.80	-
2457MHz	Pass	AV	2.4634G	101.52	Inf	-Inf	3	Horizontal	26	1.00	-
2457MHz	Pass	AV	2.4835G	53.58	54.00	-0.42	3	Horizontal	26	1.00	-
2457MHz	Pass	PK	2.4632G	110.38	Inf	-Inf	3	Horizontal	26	1.00	-
2457MHz	Pass	PK	2.4835G	68.64	74.00	-5.36	3	Horizontal	26	1.00	-
2462MHz	Pass	AV	2.4682G	94.73	Inf	-Inf	3	Vertical	148	1.11	-
2462MHz	Pass	AV	2.4835G	50.40	54.00	-3.60	3	Vertical	148	1.11	-
2462MHz	Pass	PK	2.4666G	104.37	Inf	-Inf	3	Vertical	148	1.11	-
2462MHz	Pass	PK	2.4848G	64.00	74.00	-10.00	3	Vertical	148	1.11	-
2462MHz	Pass	AV	2.4684G	98.87	Inf	-Inf	3	Horizontal	24	1.00	-
2462MHz	Pass	AV	2.4835G	53.53	54.00	-0.47	3	Horizontal	24	1.00	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2462MHz	Pass	PK	2.4572G	108.03	Inf	-Inf	3	Horizontal	24	1.00	-
2462MHz	Pass	PK	2.4842G	68.07	74.00	-5.93	3	Horizontal	24	1.00	-
2462MHz	Pass	AV	4.92508G	31.83	54.00	-22.17	3	Vertical	313	1.00	-
2462MHz	Pass	AV	7.38984G	36.81	54.00	-17.19	3	Vertical	351	1.02	-
2462MHz	Pass	PK	4.92328G	44.84	74.00	-29.16	3	Vertical	313	1.00	-
2462MHz	Pass	PK	7.38606G	50.02	74.00	-23.98	3	Vertical	351	1.02	-
2462MHz	Pass	AV	4.927G	31.60	54.00	-22.40	3	Horizontal	34	1.17	-
2462MHz	Pass	AV	7.38966G	36.73	54.00	-17.27	3	Horizontal	31	2.78	-
2462MHz	Pass	PK	4.93044G	44.04	74.00	-29.96	3	Horizontal	34	1.17	-
2462MHz	Pass	PK	7.3839G	49.69	74.00	-24.31	3	Horizontal	31	2.78	-
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	AV	2.39G	49.92	54.00	-4.08	3	Vertical	151	1.31	-
2422MHz	Pass	AV	2.4204G	89.54	Inf	-Inf	3	Vertical	151	1.31	-
2422MHz	Pass	AV	2.4844G	46.00	54.00	-8.00	3	Vertical	151	1.31	-
2422MHz	Pass	PK	2.3868G	62.81	74.00	-11.19	3	Vertical	151	1.31	-
2422MHz	Pass	PK	2.42G	99.38	Inf	-Inf	3	Vertical	151	1.31	-
2422MHz	Pass	PK	2.498G	57.86	74.00	-16.14	3	Vertical	151	1.31	-
2422MHz	Pass	AV	2.39G	53.73	54.00	-0.27	3	Horizontal	25	1.00	-
2422MHz	Pass	AV	2.4236G	94.28	Inf	-Inf	3	Horizontal	25	1.00	-
2422MHz	Pass	AV	2.4835G	46.29	54.00	-7.71	3	Horizontal	25	1.00	-
2422MHz	Pass	PK	2.3868G	65.91	74.00	-8.09	3	Horizontal	25	1.00	-
2422MHz	Pass	PK	2.42G	103.58	Inf	-Inf	3	Horizontal	25	1.00	-
2422MHz	Pass	PK	2.4844G	57.90	74.00	-16.10	3	Horizontal	25	1.00	-
2422MHz	Pass	AV	4.85088G	31.86	54.00	-22.14	3	Vertical	309	1.10	-
2422MHz	Pass	PK	4.84636G	44.02	74.00	-29.98	3	Vertical	309	1.10	-
2422MHz	Pass	AV	4.85072G	31.55	54.00	-22.45	3	Horizontal	13	3.00	-
2422MHz	Pass	PK	4.83632G	43.43	74.00	-30.57	3	Horizontal	13	3.00	-
2427MHz	Pass	AV	2.3898G	49.56	54.00	-4.44	3	Vertical	154	2.12	-
2427MHz	Pass	AV	2.4286G	90.80	Inf	-Inf	3	Vertical	154	2.12	-
2427MHz	Pass	AV	2.4842G	46.02	54.00	-7.98	3	Vertical	154	2.12	-
2427MHz	Pass	PK	2.3894G	61.01	74.00	-12.99	3	Vertical	154	2.12	-
2427MHz	Pass	PK	2.425G	100.15	Inf	-Inf	3	Vertical	154	2.12	-
2427MHz	Pass	PK	2.493G	57.37	74.00	-16.63	3	Vertical	154	2.12	-
2427MHz	Pass	AV	2.3894G	53.67	54.00	-0.33	3	Horizontal	23	1.01	-
2427MHz	Pass	AV	2.4286G	95.34	Inf	-Inf	3	Horizontal	23	1.01	-
2427MHz	Pass	AV	2.4838G	48.12	54.00	-5.88	3	Horizontal	23	1.01	-
2427MHz	Pass	PK	2.3886G	66.11	74.00	-7.89	3	Horizontal	23	1.01	-
2427MHz	Pass	PK	2.425G	104.54	Inf	-Inf	3	Horizontal	23	1.01	-
2427MHz	Pass	PK	2.4918G	59.77	74.00	-14.23	3	Horizontal	23	1.01	-
2437MHz	Pass	AV	2.3878G	48.79	54.00	-5.21	3	Vertical	156	1.50	-
2437MHz	Pass	AV	2.439G	92.01	Inf	-Inf	3	Vertical	156	1.50	-
2437MHz	Pass	AV	2.4835G	50.37	54.00	-3.63	3	Vertical	156	1.50	-
2437MHz	Pass	PK	2.3894G	60.80	74.00	-13.20	3	Vertical	156	1.50	-
2437MHz	Pass	PK	2.4506G	100.93	Inf	-Inf	3	Vertical	156	1.50	-
2437MHz	Pass	PK	2.4835G	62.96	74.00	-11.04	3	Vertical	156	1.50	-
2437MHz	Pass	AV	2.3898G	52.66	54.00	-1.34	3	Horizontal	21	1.26	-
2437MHz	Pass	AV	2.4386G	97.83	Inf	-Inf	3	Horizontal	21	1.26	-
2437MHz	Pass	AV	2.4835G	53.64	54.00	-0.36	3	Horizontal	21	1.26	-
2437MHz	Pass	PK	2.3894G	63.76	74.00	-10.24	3	Horizontal	21	1.26	-
2437MHz	Pass	PK	2.435G	106.76	Inf	-Inf	3	Horizontal	21	1.26	-
2437MHz	Pass	PK	2.4838G	65.93	74.00	-8.07	3	Horizontal	21	1.26	-
2437MHz	Pass	AV	4.8768G	31.86	54.00	-22.14	3	Vertical	313	1.01	-
2437MHz	Pass	AV	7.30324G	37.14	54.00	-16.86	3	Vertical	358	1.48	-
2437MHz	Pass	PK	4.86816G	43.60	74.00	-30.40	3	Vertical	313	1.01	-
2437MHz	Pass	PK	7.31392G	49.76	74.00	-24.24	3	Vertical	358	1.48	-
2437MHz	Pass	AV	4.88088G	31.49	54.00	-22.51	3	Horizontal	38	2.80	-
2437MHz	Pass	AV	7.30816G	37.11	54.00	-16.89	3	Horizontal	26	2.64	-
2437MHz	Pass	PK	4.87804G	43.60	74.00	-30.40	3	Horizontal	38	2.80	-
2437MHz	Pass	PK	7.31652G	49.52	74.00	-24.48	3	Horizontal	26	2.64	-
2447MHz	Pass	AV	2.3878G	45.30	54.00	-8.70	3	Vertical	152	1.30	-
2447MHz	Pass	AV	2.4486G	90.68	Inf	-Inf	3	Vertical	152	1.30	-
2447MHz	Pass	AV	2.4838G	50.74	54.00	-3.26	3	Vertical	152	1.30	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2447MHz	Pass	PK	2.3714G	58.22	74.00	-15.78	3	Vertical	152	1.30	-
2447MHz	Pass	PK	2.445G	99.89	Inf	-Inf	3	Vertical	152	1.30	-
2447MHz	Pass	PK	2.4835G	62.78	74.00	-11.22	3	Vertical	152	1.30	-
2447MHz	Pass	AV	2.389G	46.96	54.00	-7.04	3	Horizontal	21	1.00	-
2447MHz	Pass	AV	2.4486G	95.03	Inf	-Inf	3	Horizontal	21	1.00	-
2447MHz	Pass	AV	2.4838G	53.54	54.00	-0.46	3	Horizontal	21	1.00	-
2447MHz	Pass	PK	2.3838G	59.50	74.00	-14.50	3	Horizontal	21	1.00	-
2447MHz	Pass	PK	2.4602G	104.06	Inf	-Inf	3	Horizontal	21	1.00	-
2447MHz	Pass	PK	2.4835G	65.05	74.00	-8.95	3	Horizontal	21	1.00	-
2452MHz	Pass	PK	2.3808G	56.33	74.00	-17.67	3	Vertical	78	1.27	-
2452MHz	Pass	AV	2.378G	44.78	54.00	-9.22	3	Vertical	78	1.27	-
2452MHz	Pass	PK	2.45G	99.08	Inf	-Inf	3	Vertical	78	1.27	-
2452MHz	Pass	AV	2.4536G	90.02	Inf	-Inf	3	Vertical	78	1.27	-
2452MHz	Pass	PK	2.4835G	63.64	74.00	-10.36	3	Vertical	78	1.27	-
2452MHz	Pass	AV	2.4848G	51.14	54.00	-2.86	3	Vertical	78	1.27	-
2452MHz	Pass	AV	2.39G	45.42	54.00	-8.58	3	Horizontal	26	1.00	-
2452MHz	Pass	AV	2.4536G	93.98	Inf	-Inf	3	Horizontal	26	1.00	-
2452MHz	Pass	AV	2.4848G	53.73	54.00	-0.27	3	Horizontal	26	1.00	-
2452MHz	Pass	PK	2.3888G	57.03	74.00	-16.97	3	Horizontal	26	1.00	-
2452MHz	Pass	PK	2.45G	103.33	Inf	-Inf	3	Horizontal	26	1.00	-
2452MHz	Pass	PK	2.4856G	66.73	74.00	-7.27	3	Horizontal	26	1.00	-
2452MHz	Pass	AV	4.90168G	31.40	54.00	-22.60	3	Vertical	334	1.50	-
2452MHz	Pass	AV	7.34716G	37.52	54.00	-16.48	3	Vertical	59	1.61	-
2452MHz	Pass	PK	4.90044G	43.47	74.00	-30.53	3	Vertical	334	1.50	-
2452MHz	Pass	PK	7.35256G	48.92	74.00	-25.08	3	Vertical	59	1.61	-
2452MHz	Pass	AV	4.89788G	31.33	54.00	-22.67	3	Horizontal	37	3.00	-
2452MHz	Pass	AV	7.33872G	37.50	54.00	-16.50	3	Horizontal	140	2.84	-
2452MHz	Pass	PK	4.89756G	43.22	74.00	-30.78	3	Horizontal	37	3.00	-
2452MHz	Pass	PK	7.34584G	50.00	74.00	-24.00	3	Horizontal	140	2.84	-

802.11b_Nss1,(1Mbps)_1TX

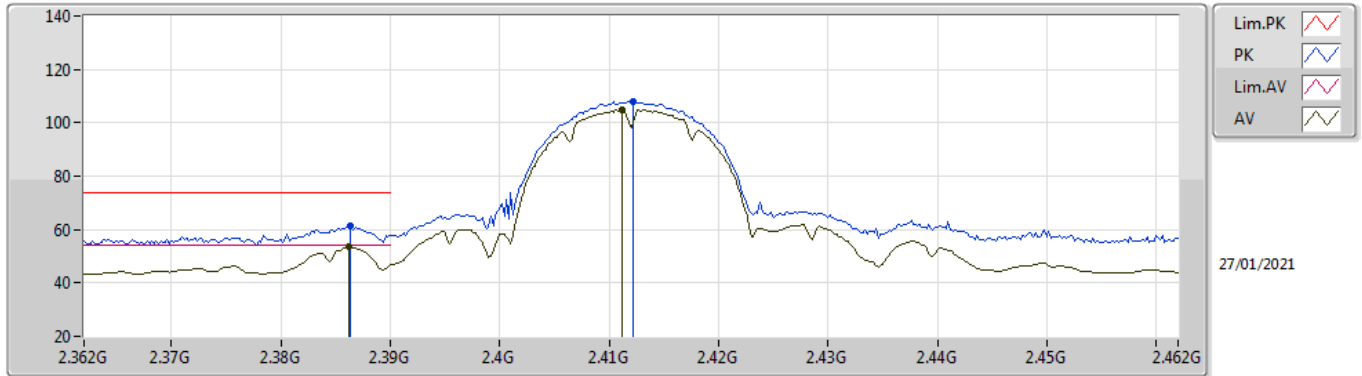
2412MHz_TX



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	48.92	54.00	-5.08	31.54	3	Vertical	142	1.04	-	17.38	27.66	3.88	-
AV	2.4112G	101.34	Inf	-Inf	31.52	3	Vertical	142	1.04	-	69.82	27.60	3.92	-
PK	2.3866G	58.89	74.00	-15.11	31.53	3	Vertical	142	1.04	-	27.36	27.65	3.88	-
PK	2.4122G	104.21	Inf	-Inf	31.52	3	Vertical	142	1.04	-	72.69	27.60	3.92	-

802.11b_Nss1,(1Mbps)_1TX

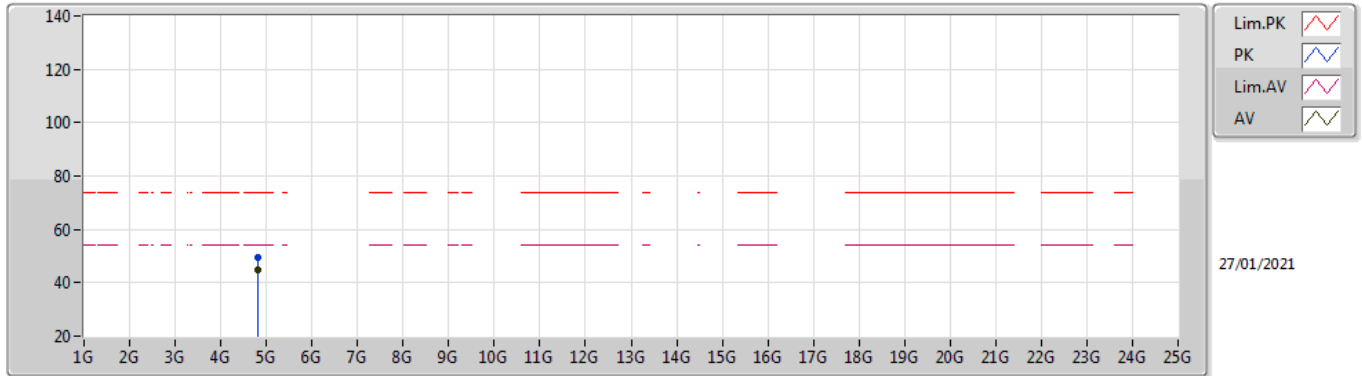
2412MHz_TX



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	53.65	54.00	-0.35	31.54	3	Horizontal	19.9	1.15	-	22.11	27.66	3.88	-
AV	2.4112G	104.89	Inf	-Inf	31.52	3	Horizontal	19.9	1.15	-	73.37	27.60	3.92	-
PK	2.3864G	61.15	74.00	-12.85	31.53	3	Horizontal	19.9	1.15	-	29.62	27.65	3.88	-
PK	2.4122G	107.81	Inf	-Inf	31.52	3	Horizontal	19.9	1.15	-	76.29	27.60	3.92	-

802.11b_Nss1,(1Mbps)_1TX

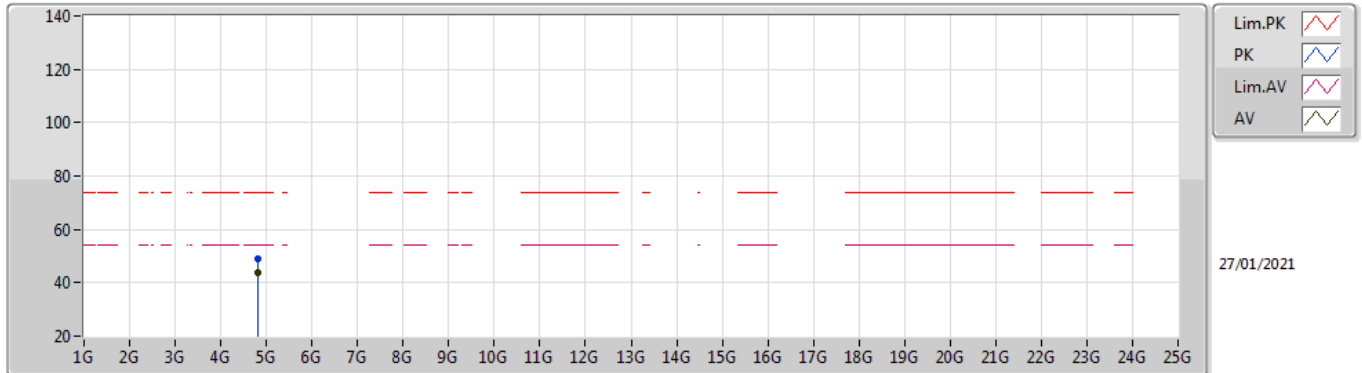
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.82396G	44.73	54.00	-9.27	1.58	3	Vertical	287	1.03	-	43.15	31.20	5.31	34.93
PK	4.82388G	49.55	74.00	-24.45	1.58	3	Vertical	287	1.03	-	47.97	31.20	5.31	34.93

802.11b_Nss1,(1Mbps)_1TX

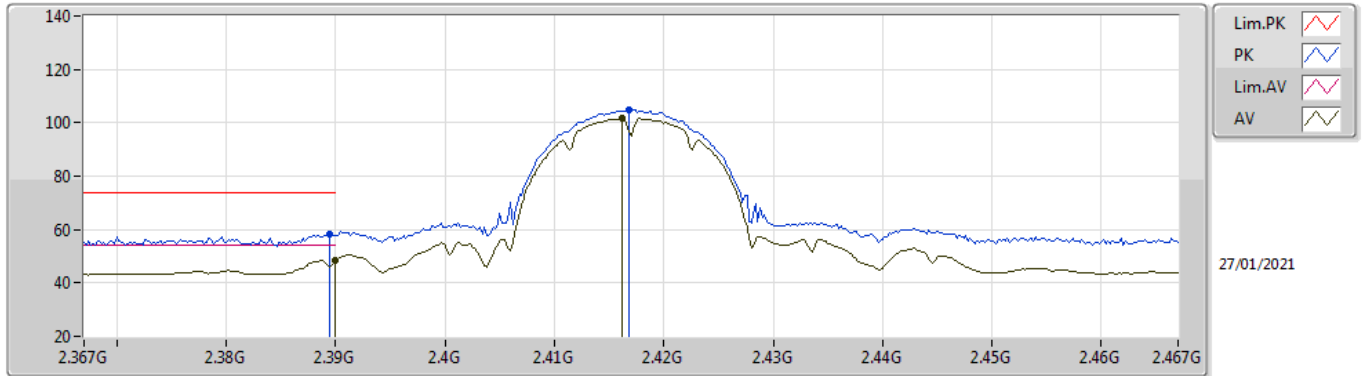
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Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.82397G	43.67	54.00	-10.33	1.58	3	Horizontal	31	1.50	-	42.09	31.20	5.31	34.93
PK	4.82406G	48.95	74.00	-25.05	1.58	3	Horizontal	31	1.50	-	47.37	31.20	5.31	34.93

802.11b_Nss1,(1Mbps)_1TX

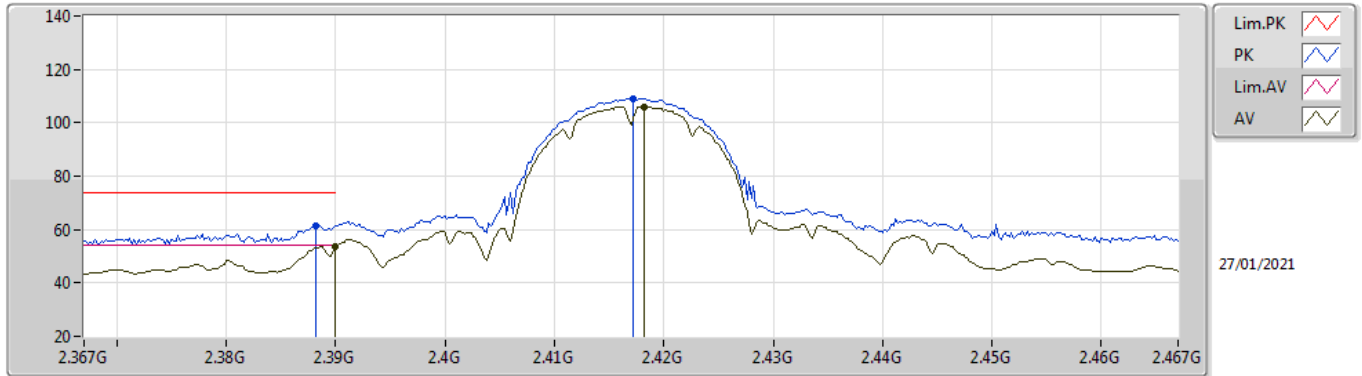
2417MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	48.57	54.00	-5.43	31.52	3	Vertical	152	1.31	-	17.05	27.64	3.88	-
AV	2.4162G	101.65	Inf	-Inf	31.52	3	Vertical	152	1.31	-	70.13	27.60	3.92	-
PK	2.3894G	58.19	74.00	-15.81	31.52	3	Vertical	152	1.31	-	26.67	27.64	3.88	-
PK	2.4168G	104.81	Inf	-Inf	31.53	3	Vertical	152	1.31	-	73.28	27.60	3.93	-

802.11b_Nss1,(1Mbps)_1TX

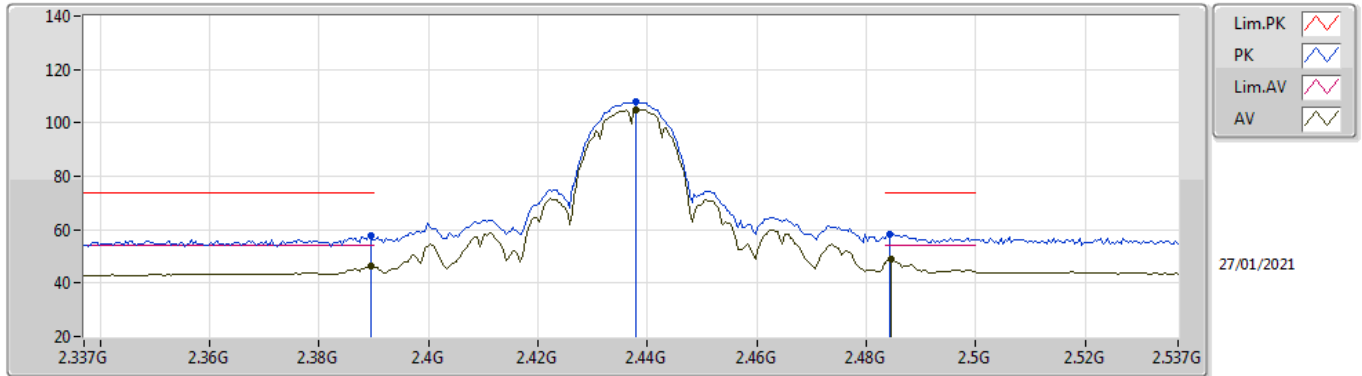
2417MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	53.78	54.00	-0.22	31.52	3	Horizontal	22	1.01	-	22.26	27.64	3.88	-
AV	2.4182G	105.96	Inf	-Inf	31.53	3	Horizontal	22	1.01	-	74.43	27.60	3.93	-
PK	2.3882G	61.48	74.00	-12.52	31.53	3	Horizontal	22	1.01	-	29.95	27.65	3.88	-
PK	2.4172G	109.17	Inf	-Inf	31.53	3	Horizontal	22	1.01	-	77.64	27.60	3.93	-

802.11b_Nss1,(1Mbps)_1TX

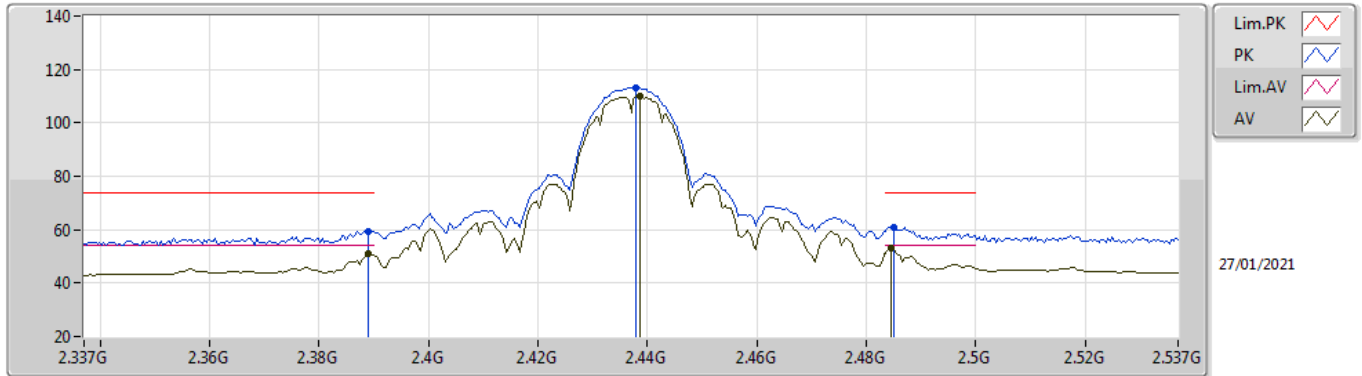
2437MHz_TX



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	2.3894G	46.48	54.00	-7.52	31.52	3	Vertical	151	1.50	-	14.96	27.64	3.88	-
AV	2.4378G	105.00	Inf	-Inf	31.56	3	Vertical	151	1.50	-	73.44	27.60	3.96	-
AV	2.4846G	49.01	54.00	-4.99	31.63	3	Vertical	151	1.50	-	17.38	27.60	4.03	-
PK	2.3894G	57.58	74.00	-16.42	31.52	3	Vertical	151	1.50	-	26.06	27.64	3.88	-
PK	2.4378G	107.80	Inf	-Inf	31.56	3	Vertical	151	1.50	-	76.24	27.60	3.96	-
PK	2.4842G	58.15	74.00	-15.85	31.63	3	Vertical	151	1.50	-	26.52	27.60	4.03	-

802.11b_Nss1,(1Mbps)_1TX

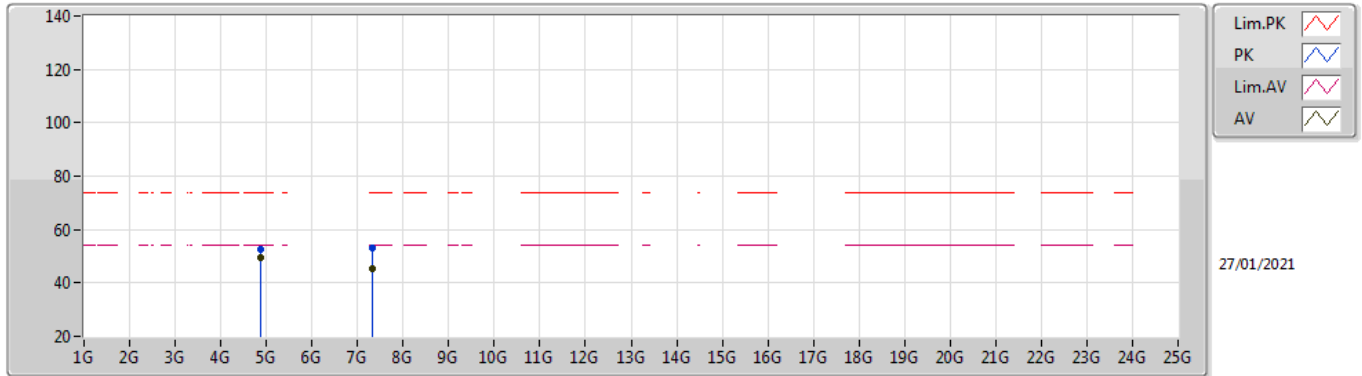
2437MHz_TX



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	2.389G	51.20	54.00	-2.80	31.52	3	Horizontal	19	1.28	-	19.68	27.64	3.88	-
AV	2.4386G	110.12	Inf	-Inf	31.56	3	Horizontal	19	1.28	-	78.56	27.60	3.96	-
AV	2.4846G	53.22	54.00	-0.78	31.63	3	Horizontal	19	1.28	-	21.59	27.60	4.03	-
PK	2.389G	59.46	74.00	-14.54	31.52	3	Horizontal	19	1.28	-	27.94	27.64	3.88	-
PK	2.4378G	113.16	Inf	-Inf	31.56	3	Horizontal	19	1.28	-	81.60	27.60	3.96	-
PK	2.485G	61.09	74.00	-12.91	31.63	3	Horizontal	19	1.28	-	29.46	27.60	4.03	-

802.11b_Nss1,(1Mbps)_1TX

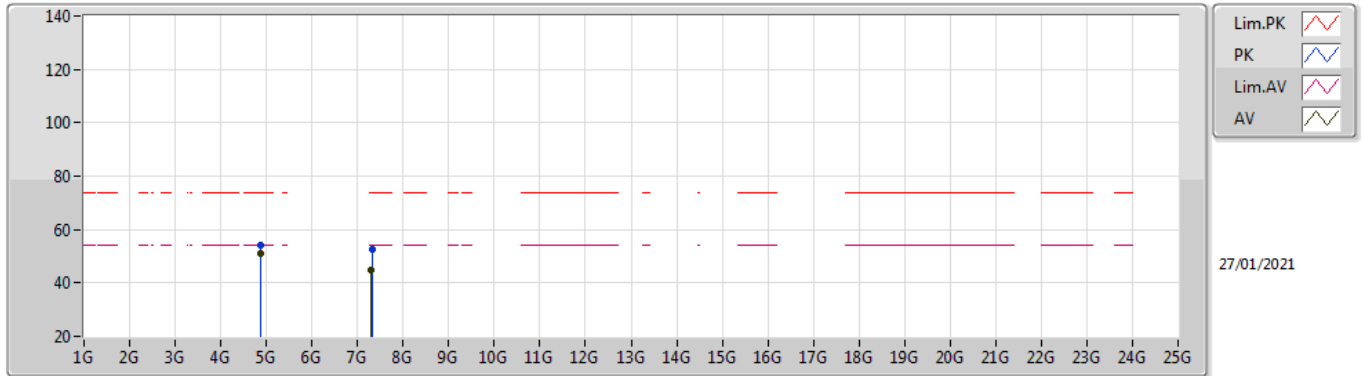
2437MHz_TX



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	4.874G	49.51	54.00	-4.49	1.66	3	Vertical	25	2.77	-	47.85	31.25	5.34	34.93
AV	7.31172G	45.43	54.00	-8.57	8.20	3	Vertical	341	1.18	-	37.23	36.58	6.80	35.18
PK	4.87402G	52.51	74.00	-21.49	1.66	3	Vertical	25	2.77	-	50.85	31.25	5.34	34.93
PK	7.31196G	53.12	74.00	-20.88	8.20	3	Vertical	341	1.18	-	44.92	36.58	6.80	35.18

802.11b_Nss1,(1Mbps)_1TX

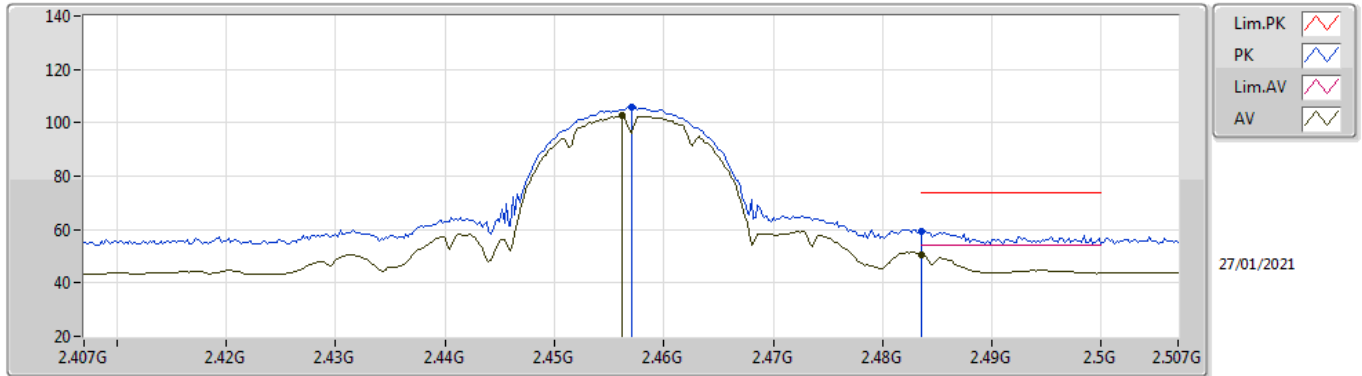
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.87399G	51.25	54.00	-2.75	1.66	3	Horizontal	45	2.71	-	49.59	31.25	5.34	34.93
AV	7.31016G	44.73	54.00	-9.27	8.20	3	Horizontal	137	2.64	-	36.53	36.58	6.80	35.18
PK	4.87391G	53.99	74.00	-20.01	1.66	3	Horizontal	45	2.71	-	52.33	31.25	5.34	34.93
PK	7.31188G	52.62	74.00	-21.38	8.20	3	Horizontal	137	2.64	-	44.42	36.58	6.80	35.18

802.11b_Nss1,(1Mbps)_1TX

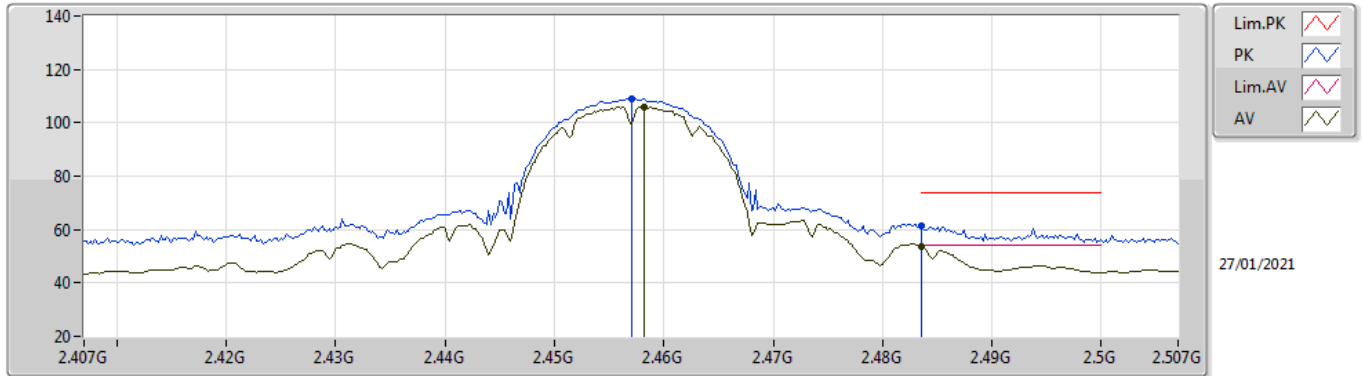
2457MHz_TX



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	2.4562G	102.52	Inf	-Inf	31.58	3	Vertical	86	1.01	-	70.94	27.60	3.98	-
AV	2.4835G	50.68	54.00	-3.32	31.63	3	Vertical	86	1.01	-	19.05	27.60	4.03	-
PK	2.457G	105.66	Inf	-Inf	31.59	3	Vertical	86	1.01	-	74.07	27.60	3.99	-
PK	2.4836G	59.33	74.00	-14.67	31.63	3	Vertical	86	1.01	-	27.70	27.60	4.03	-

802.11b_Nss1,(1Mbps)_1TX

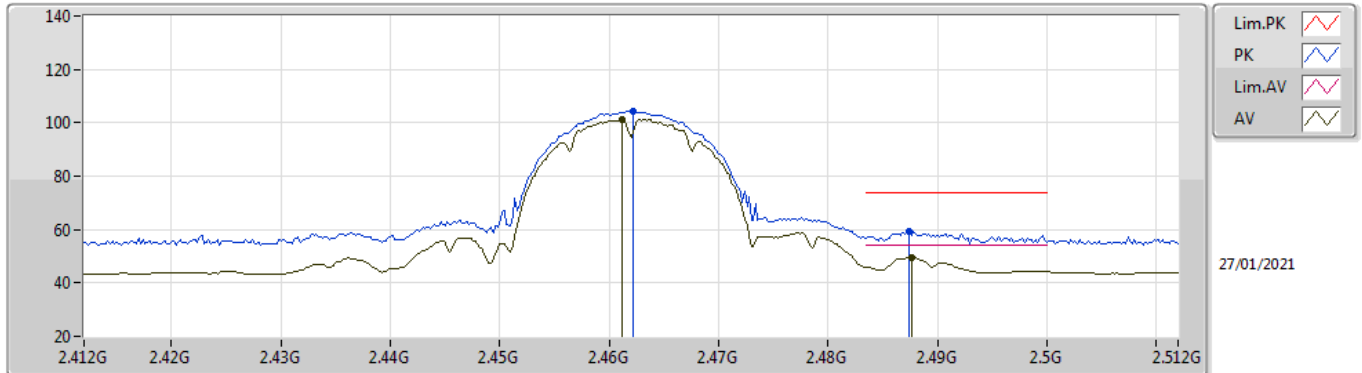
2457MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.4582G	105.75	Inf	-Inf	31.59	3	Horizontal	22	1.00	-	74.16	27.60	3.99	-
AV	2.4835G	53.71	54.00	-0.29	31.63	3	Horizontal	22	1.00	-	22.08	27.60	4.03	-
PK	2.457G	109.03	Inf	-Inf	31.59	3	Horizontal	22	1.00	-	77.44	27.60	3.99	-
PK	2.4835G	61.31	74.00	-12.69	31.63	3	Horizontal	22	1.00	-	29.68	27.60	4.03	-

802.11b_Nss1,(1Mbps)_1TX

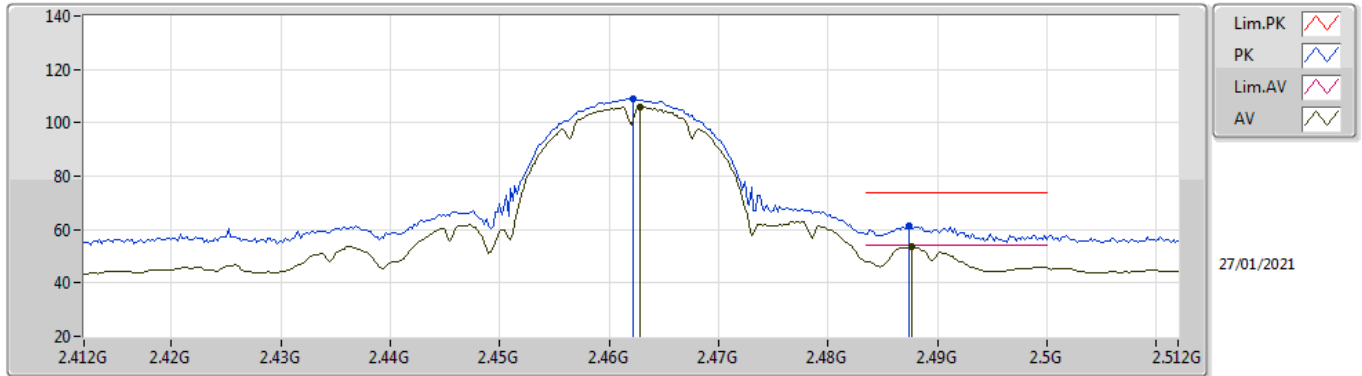
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.4612G	101.24	Inf	-Inf	31.59	3	Vertical	148	1.00	-	69.65	27.60	3.99	-
AV	2.4876G	49.57	54.00	-4.43	31.63	3	Vertical	148	1.00	-	17.94	27.60	4.03	-
PK	2.4622G	104.29	Inf	-Inf	31.59	3	Vertical	148	1.00	-	72.70	27.60	3.99	-
PK	2.4874G	59.32	74.00	-14.68	31.63	3	Vertical	148	1.00	-	27.69	27.60	4.03	-

802.11b_Nss1,(1Mbps)_1TX

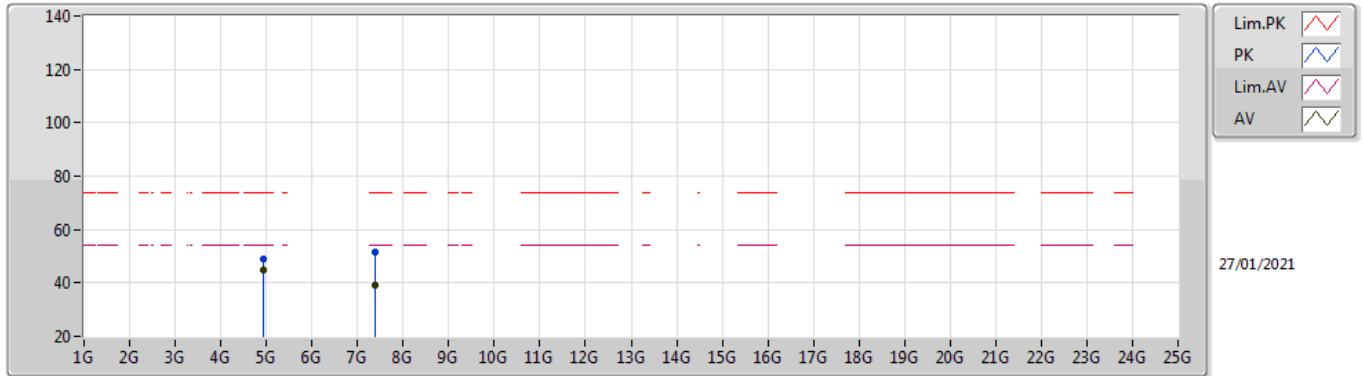
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.4628G	105.81	Inf	-Inf	31.59	3	Horizontal	22	1.00	-	74.22	27.60	3.99	-
AV	2.4876G	53.72	54.00	-0.28	31.63	3	Horizontal	22	1.00	-	22.09	27.60	4.03	-
PK	2.4622G	108.98	Inf	-Inf	31.59	3	Horizontal	22	1.00	-	77.39	27.60	3.99	-
PK	2.4874G	61.31	74.00	-12.69	31.63	3	Horizontal	22	1.00	-	29.68	27.60	4.03	-

802.11b_Nss1,(1Mbps)_1TX

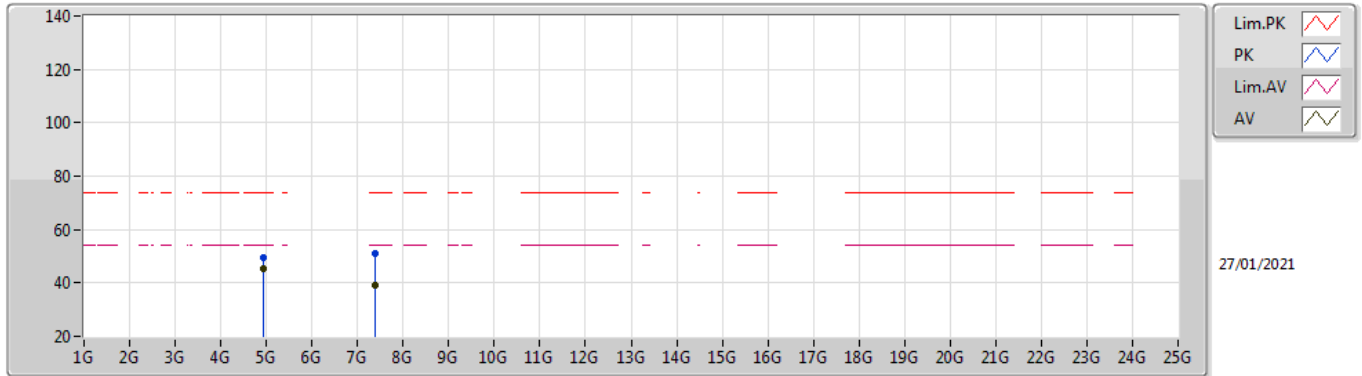
2462MHz_TX



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	4.92399G	44.98	54.00	-9.02	1.72	3	Vertical	307	1.04	-	43.26	31.30	5.36	34.94
AV	7.38694G	39.27	54.00	-14.73	8.05	3	Vertical	345	1.09	-	31.22	36.43	6.80	35.18
PK	4.92391G	49.09	74.00	-24.91	1.72	3	Vertical	307	1.04	-	47.37	31.30	5.36	34.94
PK	7.3875G	51.42	74.00	-22.58	8.04	3	Vertical	345	1.09	-	43.38	36.42	6.80	35.18

802.11b_Nss1,(1Mbps)_1TX

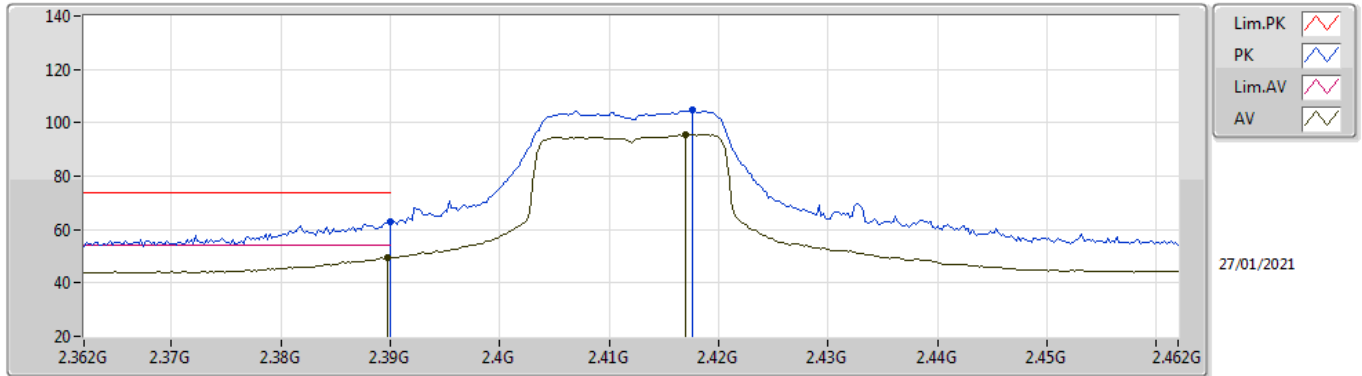
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.92397G	45.09	54.00	-8.91	1.72	3	Horizontal	30	1.17	-	43.37	31.30	5.36	34.94
AV	7.3867G	39.12	54.00	-14.88	8.05	3	Horizontal	34	2.70	-	31.07	36.43	6.80	35.18
PK	4.92394G	49.25	74.00	-24.75	1.72	3	Horizontal	30	1.17	-	47.53	31.30	5.36	34.94
PK	7.38736G	50.78	74.00	-23.22	8.05	3	Horizontal	34	2.70	-	42.73	36.43	6.80	35.18

802.11g_Nss1,(6Mbps)_1TX

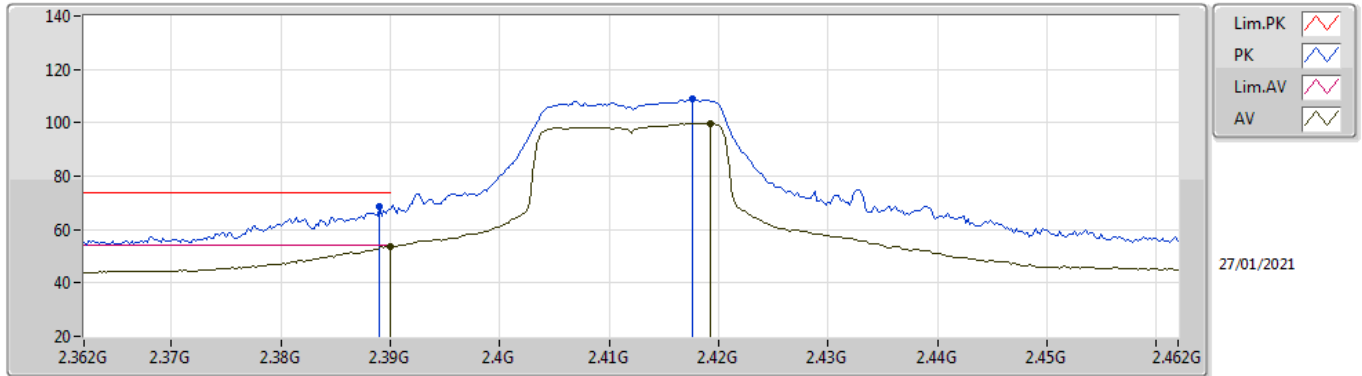
2412MHz_TX



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	2.3898G	49.42	54.00	-4.58	31.52	3	Vertical	150	1.29	-	17.90	27.64	3.88	-
AV	2.417G	95.59	Inf	-Inf	31.53	3	Vertical	150	1.29	-	64.06	27.60	3.93	-
PK	2.39G	63.00	74.00	-11.00	31.52	3	Vertical	150	1.29	-	31.48	27.64	3.88	-
PK	2.4176G	104.97	Inf	-Inf	31.53	3	Vertical	150	1.29	-	73.44	27.60	3.93	-

802.11g_Nss1,(6Mbps)_1TX

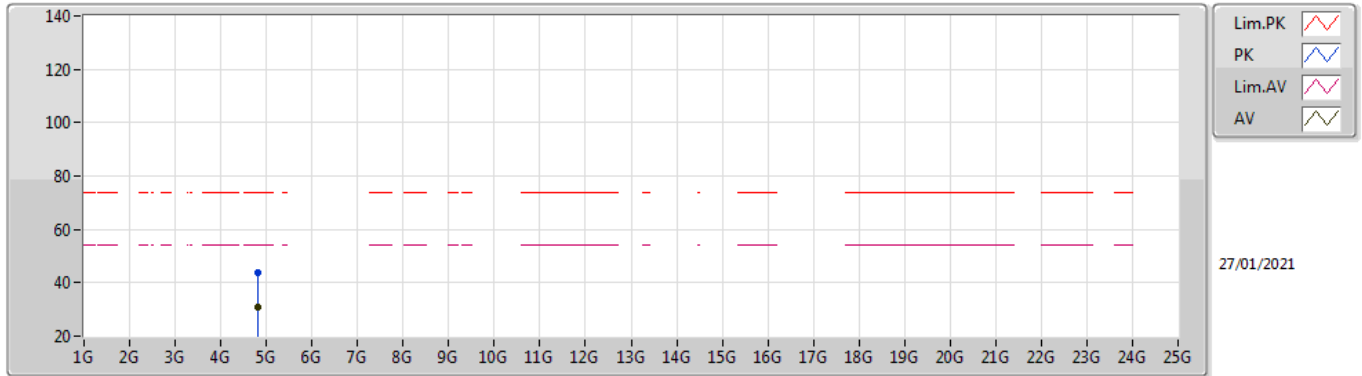
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	53.77	54.00	-0.23	31.52	3	Horizontal	22	1.00	-	22.25	27.64	3.88	-
AV	2.4192G	99.84	Inf	-Inf	31.53	3	Horizontal	22	1.00	-	68.31	27.60	3.93	-
PK	2.389G	68.73	74.00	-5.27	31.52	3	Horizontal	22	1.00	-	37.21	27.64	3.88	-
PK	2.4176G	109.10	Inf	-Inf	31.53	3	Horizontal	22	1.00	-	77.57	27.60	3.93	-

802.11g_Nss1,(6Mbps)_1TX

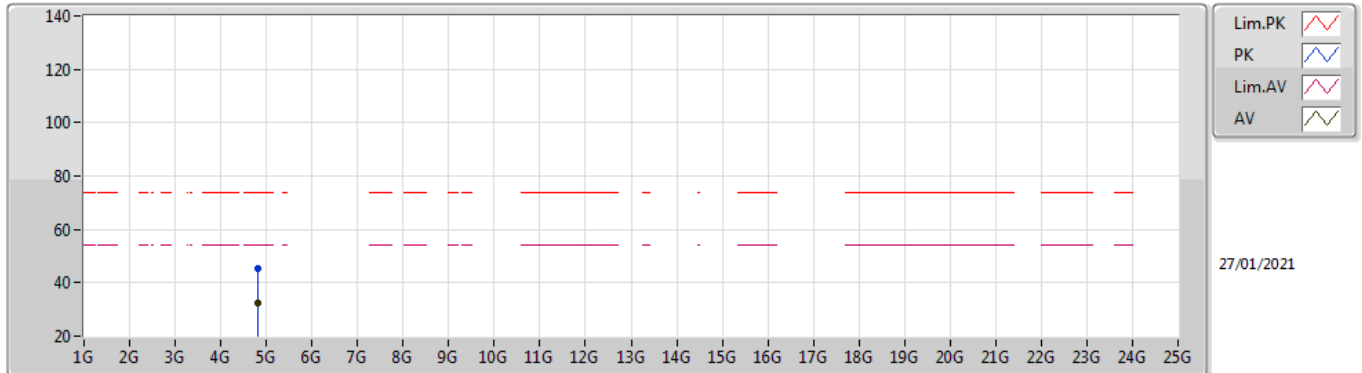
2412MHz_TX



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	4.825G	30.69	54.00	-23.31	1.58	3	Vertical	31	1.11	-	29.11	31.20	5.31	34.93
PK	4.82366G	43.71	74.00	-30.29	1.57	3	Vertical	31	1.11	-	42.14	31.19	5.31	34.93

802.11g_Nss1,(6Mbps)_1TX

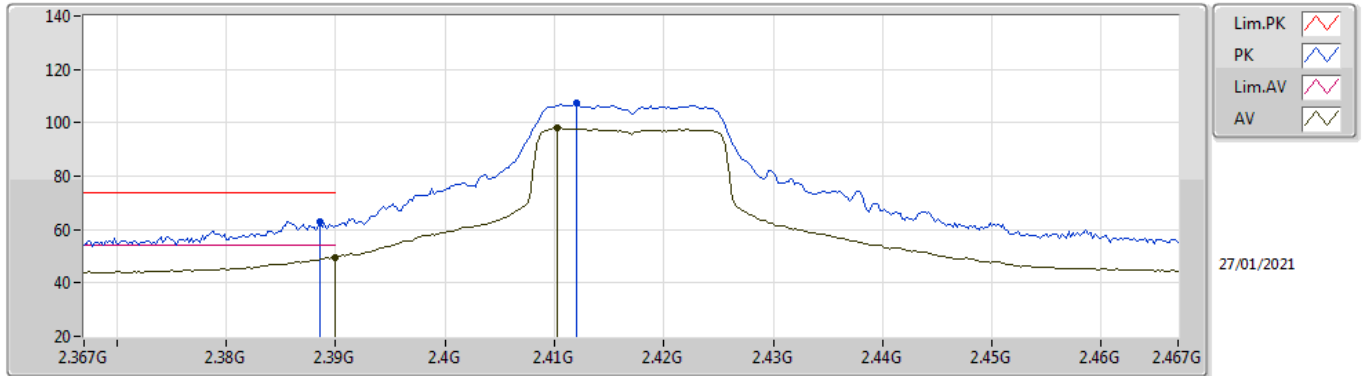
2412MHz_TX



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	4.82398G	32.43	54.00	-21.57	1.58	3	Horizontal	51	2.76	-	30.85	31.20	5.31	34.93
PK	4.82506G	45.26	74.00	-28.74	1.58	3	Horizontal	51	2.76	-	43.68	31.20	5.31	34.93

802.11g_Nss1,(6Mbps)_1TX

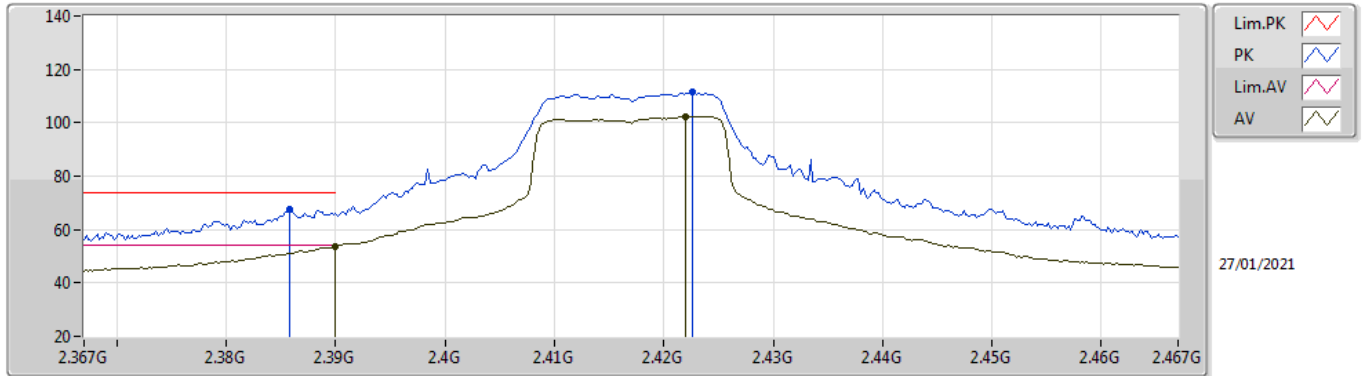
2417MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	49.58	54.00	-4.42	31.52	3	Vertical	142	1.06	-	18.06	27.64	3.88	-
AV	2.4102G	98.18	Inf	-Inf	31.52	3	Vertical	142	1.06	-	66.66	27.60	3.92	-
PK	2.3886G	63.14	74.00	-10.86	31.53	3	Vertical	142	1.06	-	31.61	27.65	3.88	-
PK	2.412G	107.33	Inf	-Inf	31.52	3	Vertical	142	1.06	-	75.81	27.60	3.92	-

802.11g_Nss1,(6Mbps)_1TX

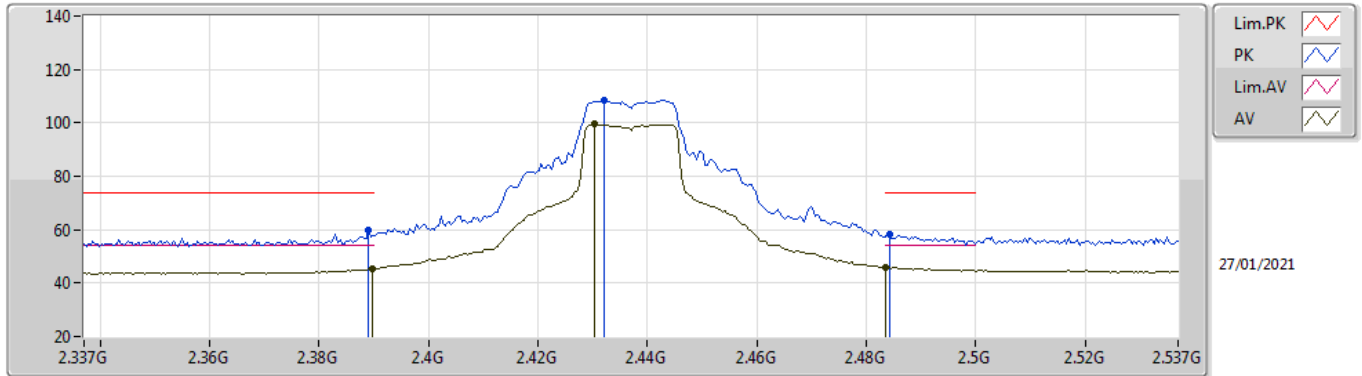
2417MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	53.73	54.00	-0.27	31.52	3	Horizontal	24	1.00	-	22.21	27.64	3.88	-
AV	2.422G	102.26	Inf	-Inf	31.53	3	Horizontal	24	1.00	-	70.73	27.60	3.93	-
PK	2.3858G	67.74	74.00	-6.26	31.54	3	Horizontal	24	1.00	-	36.20	27.66	3.88	-
PK	2.4226G	111.55	Inf	-Inf	31.53	3	Horizontal	24	1.00	-	80.02	27.60	3.93	-

802.11g_Nss1,(6Mbps)_1TX

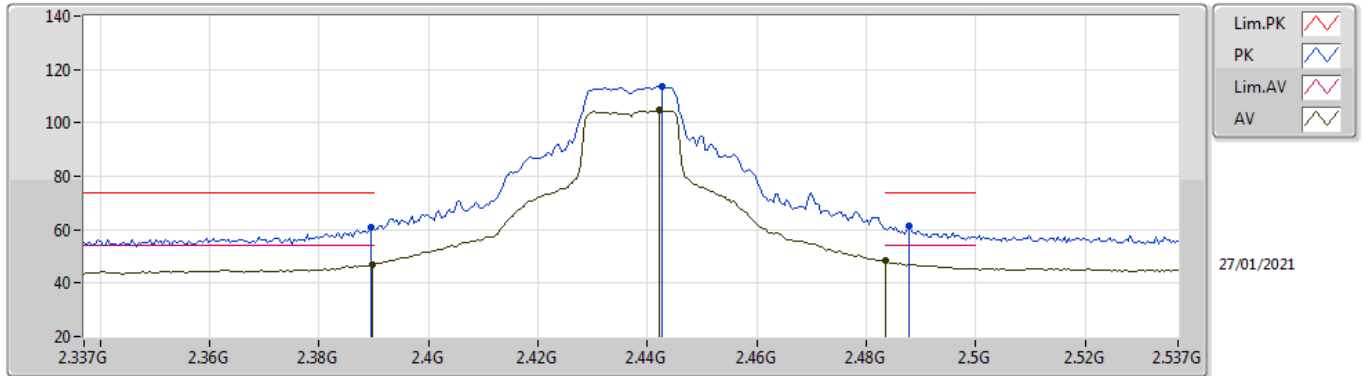
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3898G	45.58	54.00	-8.42	31.52	3	Vertical	150	1.54	-	14.06	27.64	3.88	-
AV	2.4302G	99.67	Inf	-Inf	31.55	3	Vertical	150	1.54	-	68.12	27.60	3.95	-
AV	2.4835G	46.06	54.00	-7.94	31.63	3	Vertical	150	1.54	-	14.43	27.60	4.03	-
PK	2.389G	59.93	74.00	-14.07	31.52	3	Vertical	150	1.54	-	28.41	27.64	3.88	-
PK	2.4322G	108.64	Inf	-Inf	31.55	3	Vertical	150	1.54	-	77.09	27.60	3.95	-
PK	2.4842G	58.21	74.00	-15.79	31.63	3	Vertical	150	1.54	-	26.58	27.60	4.03	-

802.11g_Nss1,(6Mbps)_1TX

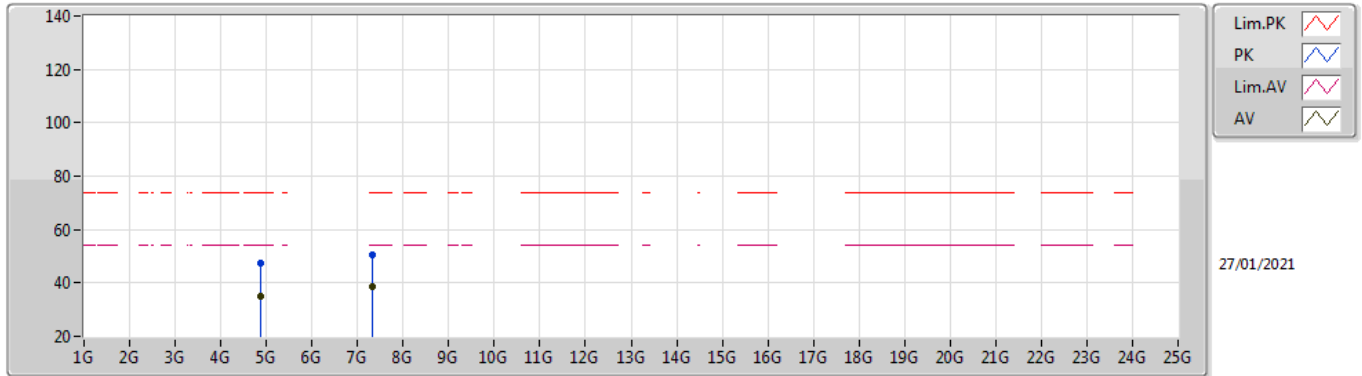
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3898G	47.08	54.00	-6.92	31.52	3	Horizontal	22	1.28	-	15.56	27.64	3.88	-
AV	2.4422G	104.61	Inf	-Inf	31.56	3	Horizontal	22	1.28	-	73.05	27.60	3.96	-
AV	2.4835G	48.45	54.00	-5.55	31.63	3	Horizontal	22	1.28	-	16.82	27.60	4.03	-
PK	2.3894G	61.11	74.00	-12.89	31.52	3	Horizontal	22	1.28	-	29.59	27.64	3.88	-
PK	2.4426G	113.68	Inf	-Inf	31.56	3	Horizontal	22	1.28	-	82.12	27.60	3.96	-
PK	2.4878G	61.44	74.00	-12.56	31.63	3	Horizontal	22	1.28	-	29.81	27.60	4.03	-

802.11g_Nss1,(6Mbps)_1TX

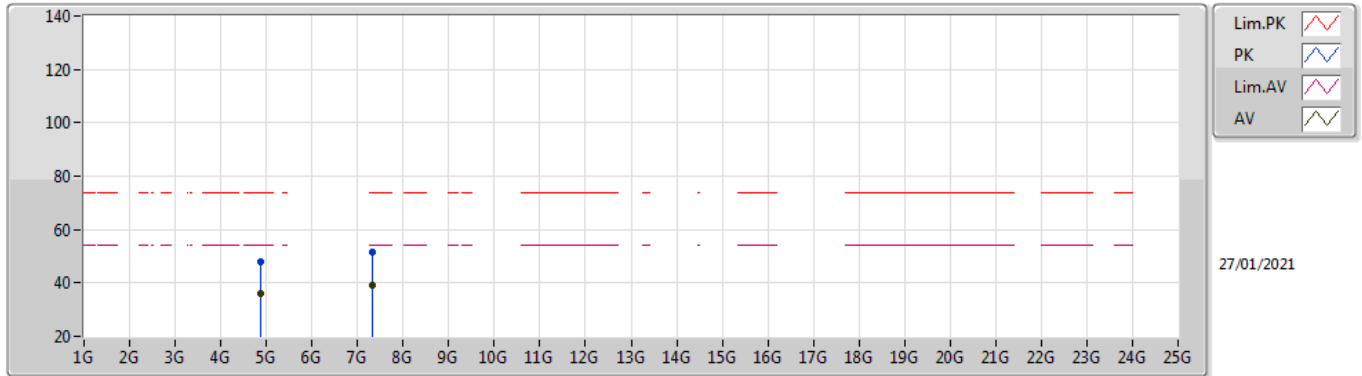
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.87424G	34.92	54.00	-19.08	1.66	3	Vertical	29	2.92	-	33.26	31.25	5.34	34.93
AV	7.31136G	38.46	54.00	-15.54	8.20	3	Vertical	354	1.16	-	30.26	36.58	6.80	35.18
PK	4.8748G	47.54	74.00	-26.46	1.66	3	Vertical	29	2.92	-	45.88	31.25	5.34	34.93
PK	7.31046G	50.69	74.00	-23.31	8.20	3	Vertical	354	1.16	-	42.49	36.58	6.80	35.18

802.11g_Nss1,(6Mbps)_1TX

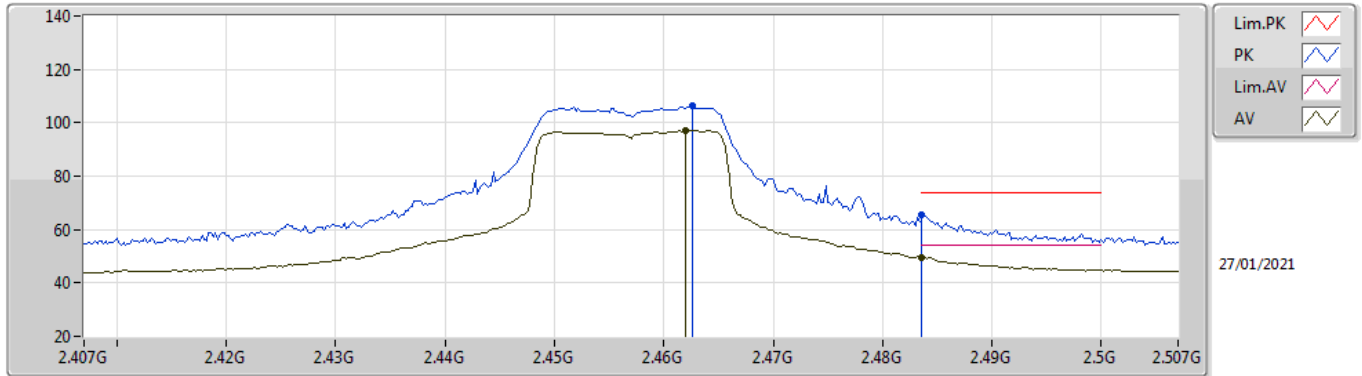
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.87382G	35.81	54.00	-18.19	1.66	3	Horizontal	48	2.71	-	34.15	31.25	5.34	34.93
AV	7.31148G	39.05	54.00	-14.95	8.20	3	Horizontal	28	2.86	-	30.85	36.58	6.80	35.18
PK	4.8743G	47.92	74.00	-26.08	1.66	3	Horizontal	48	2.71	-	46.26	31.25	5.34	34.93
PK	7.3179G	51.53	74.00	-22.47	8.18	3	Horizontal	28	2.86	-	43.35	36.56	6.80	35.18

802.11g_Nss1,(6Mbps)_1TX

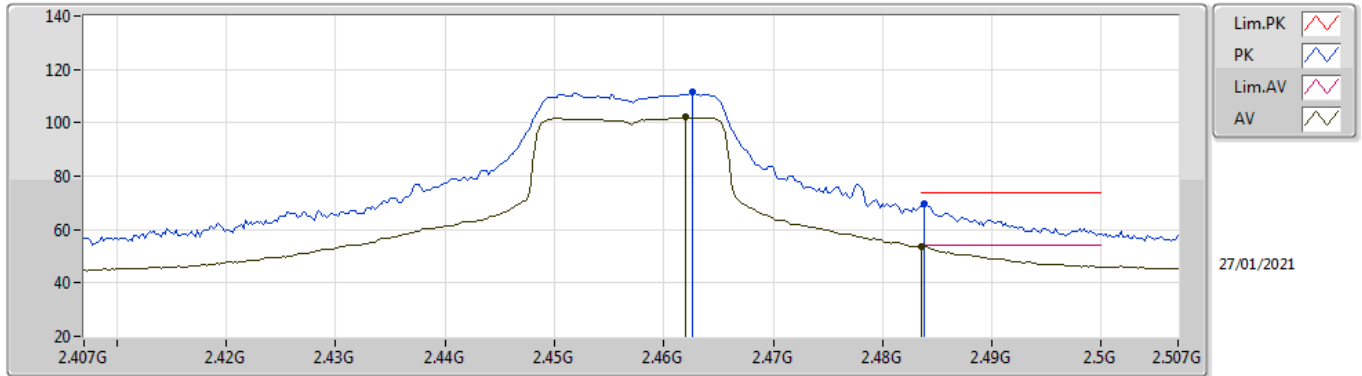
2457MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.462G	97.06	Inf	-Inf	31.59	3	Vertical	152	1.81	-	65.47	27.60	3.99	-
AV	2.4835G	49.56	54.00	-4.44	31.63	3	Vertical	152	1.81	-	17.93	27.60	4.03	-
PK	2.4626G	106.30	Inf	-Inf	31.59	3	Vertical	152	1.81	-	74.71	27.60	3.99	-
PK	2.4836G	65.39	74.00	-8.61	31.63	3	Vertical	152	1.81	-	33.76	27.60	4.03	-

802.11g_Nss1,(6Mbps)_1TX

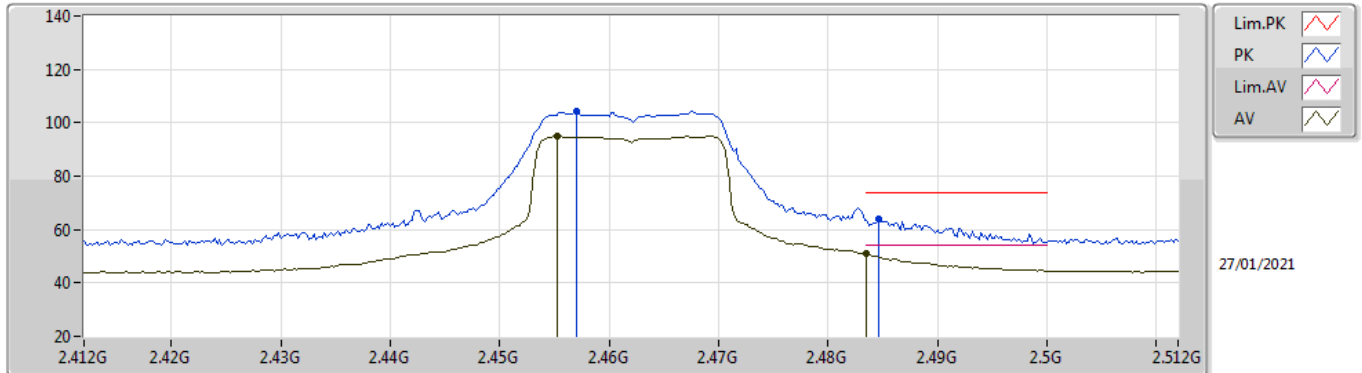
2457MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.462G	102.04	Inf	-Inf	31.59	3	Horizontal	22	1.00	-	70.45	27.60	3.99	-
AV	2.4835G	53.69	54.00	-0.31	31.63	3	Horizontal	22	1.00	-	22.06	27.60	4.03	-
PK	2.4626G	111.30	Inf	-Inf	31.59	3	Horizontal	22	1.00	-	79.71	27.60	3.99	-
PK	2.4838G	69.55	74.00	-4.45	31.63	3	Horizontal	22	1.00	-	37.92	27.60	4.03	-

802.11g_Nss1,(6Mbps)_1TX

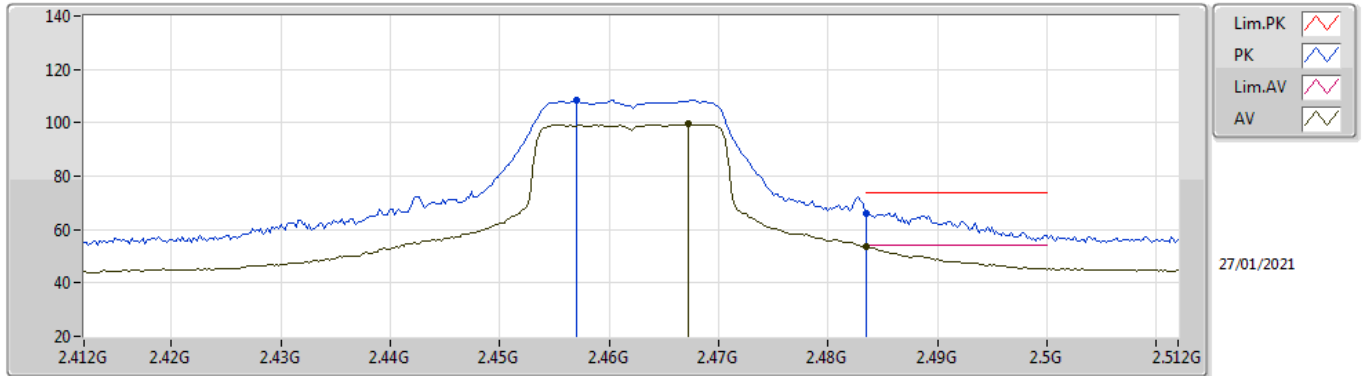
2462MHz_TX



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	2.4552G	94.98	Inf	-Inf	31.58	3	Vertical	150	1.25	-	63.40	27.60	3.98	-
AV	2.4835G	50.98	54.00	-3.02	31.63	3	Vertical	150	1.25	-	19.35	27.60	4.03	-
PK	2.457G	104.32	Inf	-Inf	31.59	3	Vertical	150	1.25	-	72.73	27.60	3.99	-
PK	2.4846G	63.76	74.00	-10.24	31.63	3	Vertical	150	1.25	-	32.13	27.60	4.03	-

802.11g_Nss1,(6Mbps)_1TX

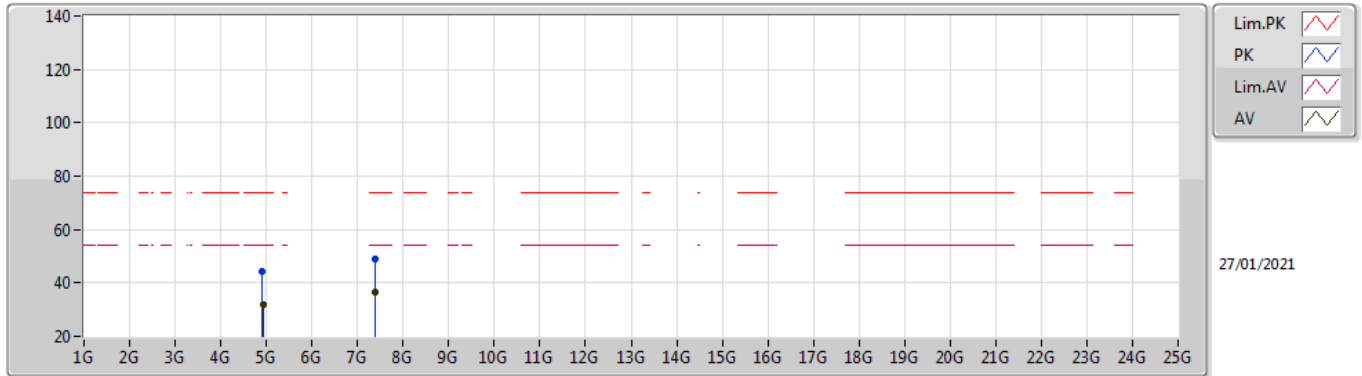
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.4672G	99.42	Inf	-Inf	31.60	3	Horizontal	23	1.00	-	67.82	27.60	4.00	-
AV	2.4835G	53.65	54.00	-0.35	31.63	3	Horizontal	23	1.00	-	22.02	27.60	4.03	-
PK	2.457G	108.70	Inf	-Inf	31.59	3	Horizontal	23	1.00	-	77.11	27.60	3.99	-
PK	2.4835G	66.27	74.00	-7.73	31.63	3	Horizontal	23	1.00	-	34.64	27.60	4.03	-

802.11g_Nss1,(6Mbps)_1TX

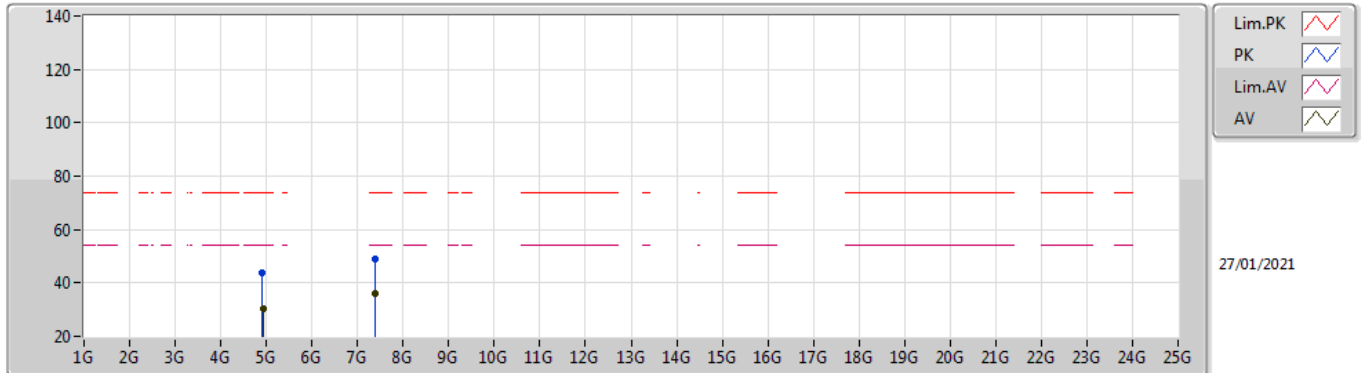
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.92388G	32.12	54.00	-21.88	1.72	3	Vertical	317	1.06	-	30.40	31.30	5.36	34.94
AV	7.38924G	36.81	54.00	-17.19	8.04	3	Vertical	346	1.10	-	28.77	36.42	6.80	35.18
PK	4.91512G	44.49	74.00	-29.51	1.69	3	Vertical	317	1.06	-	42.80	31.26	5.36	34.93
PK	7.38894G	49.20	74.00	-24.80	8.04	3	Vertical	346	1.10	-	41.16	36.42	6.80	35.18

802.11g_Nss1,(6Mbps)_1TX

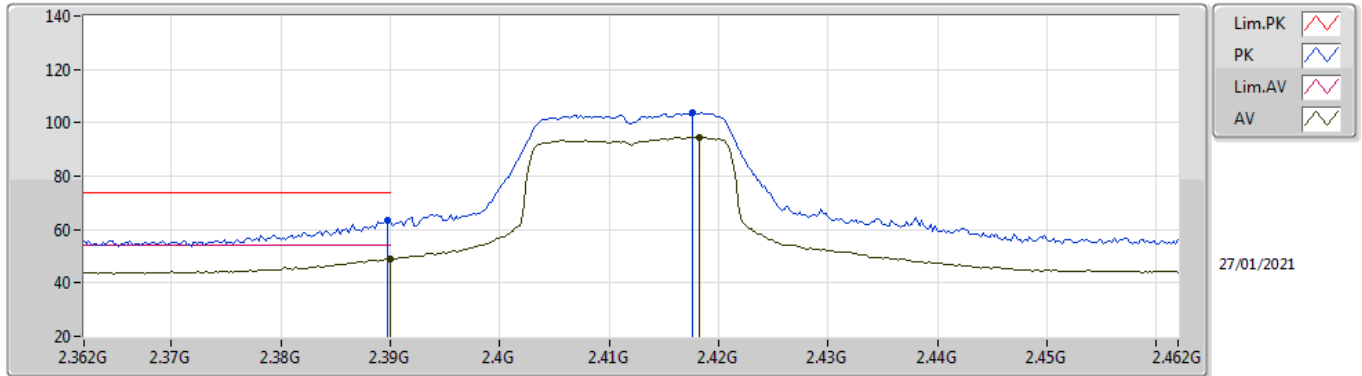
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.93792G	30.26	54.00	-23.74	1.78	3	Horizontal	338	1.85	-	28.48	31.35	5.37	34.94
AV	7.38858G	36.11	54.00	-17.89	8.04	3	Horizontal	150	1.50	-	28.07	36.42	6.80	35.18
PK	4.9165G	43.79	74.00	-30.21	1.70	3	Horizontal	338	1.85	-	42.09	31.27	5.36	34.93
PK	7.37622G	48.73	74.00	-25.27	8.07	3	Horizontal	150	1.50	-	40.66	36.45	6.80	35.18

802.11n HT20_Nss1,(MCS0)_1TX

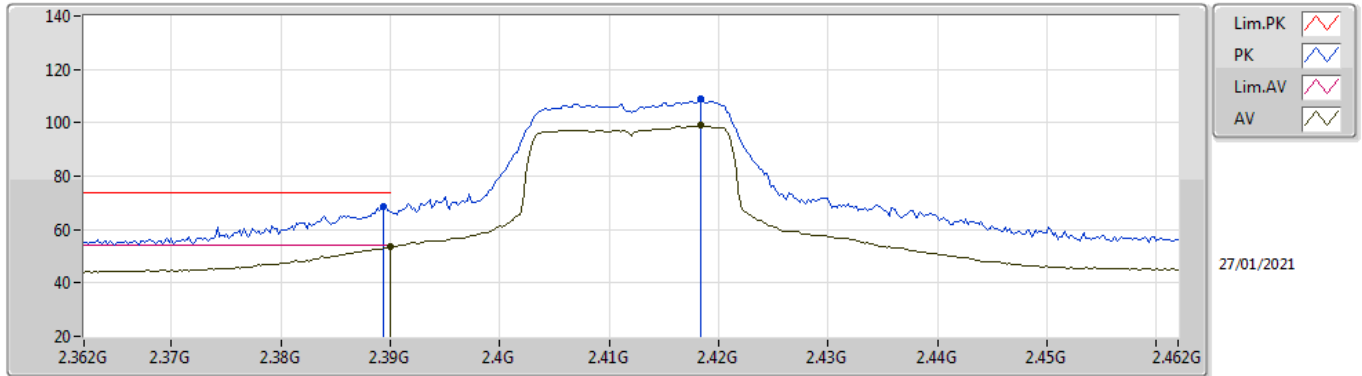
2412MHz_TX



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	2.39G	48.96	54.00	-5.04	31.52	3	Vertical	152	1.30	-	17.44	27.64	3.88	-
AV	2.4182G	94.69	Inf	-Inf	31.53	3	Vertical	152	1.30	-	63.16	27.60	3.93	-
PK	2.3898G	63.39	74.00	-10.61	31.52	3	Vertical	152	1.30	-	31.87	27.64	3.88	-
PK	2.4176G	103.71	Inf	-Inf	31.53	3	Vertical	152	1.30	-	72.18	27.60	3.93	-

802.11n HT20_Nss1,(MCS0)_1TX

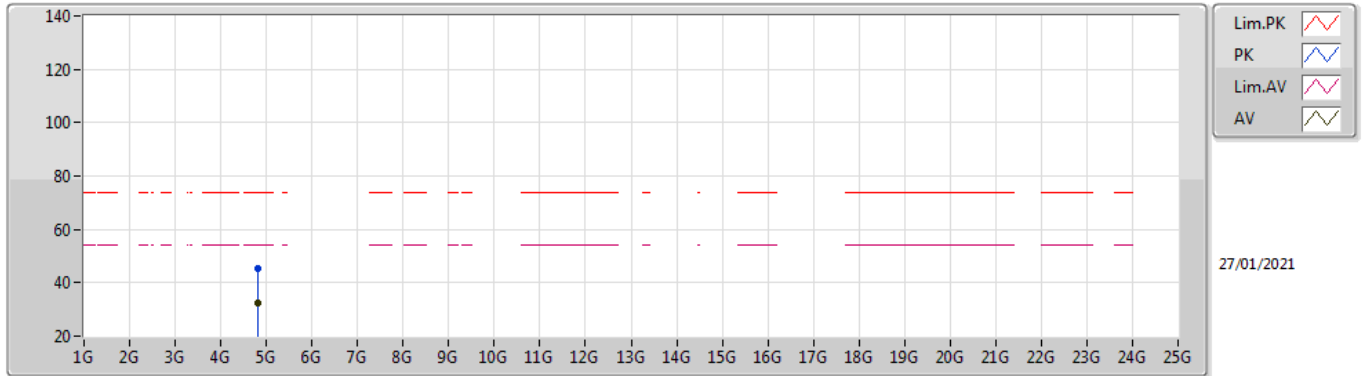
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	53.65	54.00	-0.35	31.52	3	Horizontal	23	1.01	-	22.13	27.64	3.88	-
AV	2.4184G	98.97	Inf	-Inf	31.53	3	Horizontal	23	1.01	-	67.44	27.60	3.93	-
PK	2.3894G	68.68	74.00	-5.32	31.52	3	Horizontal	23	1.01	-	37.16	27.64	3.88	-
PK	2.4184G	109.11	Inf	-Inf	31.53	3	Horizontal	23	1.01	-	77.58	27.60	3.93	-

802.11n HT20_Nss1,(MCS0)_1TX

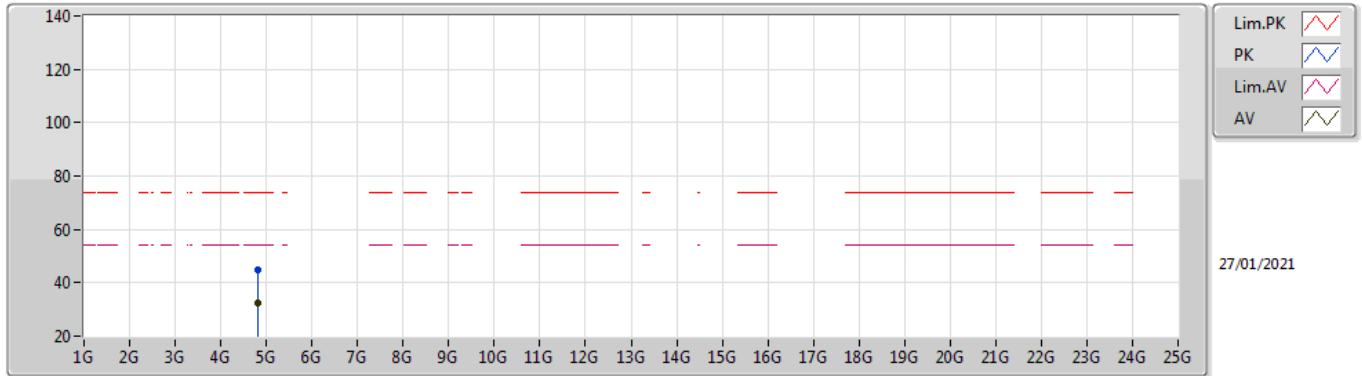
2412MHz_TX



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	4.82478G	32.23	54.00	-21.77	1.58	3	Vertical	293	1.11	-	30.65	31.20	5.31	34.93
PK	4.82508G	45.15	74.00	-28.85	1.58	3	Vertical	293	1.11	-	43.57	31.20	5.31	34.93

802.11n HT20_Nss1,(MCS0)_1TX

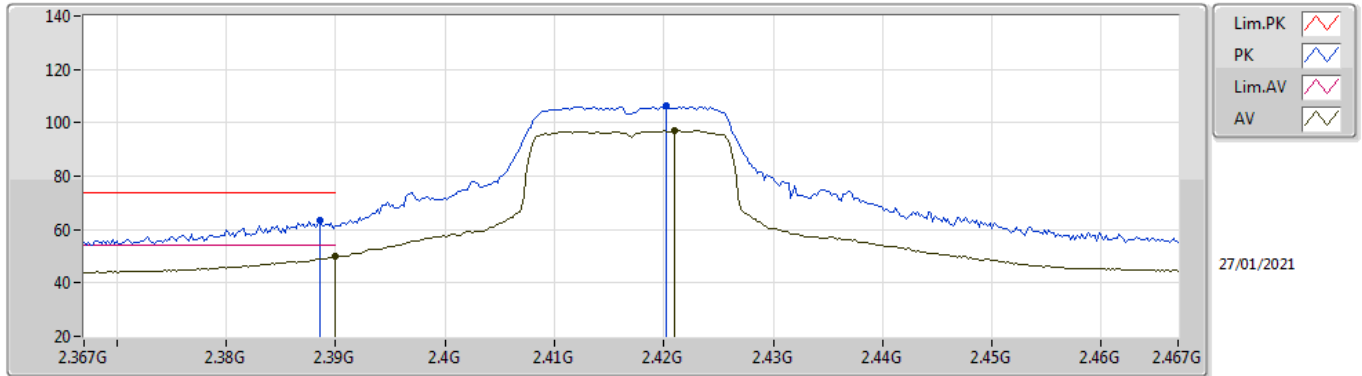
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.82754G	32.19	54.00	-21.81	1.59	3	Horizontal	354	2.94	-	30.60	31.21	5.31	34.93
PK	4.81578G	44.61	74.00	-29.39	1.54	3	Horizontal	354	2.94	-	43.07	31.16	5.31	34.93

802.11n HT20_Nss1,(MCS0)_1TX

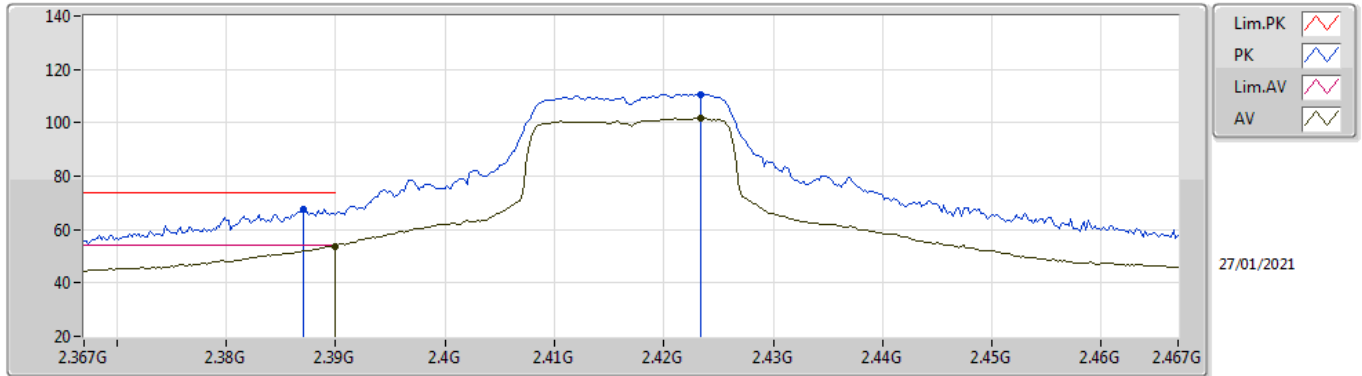
2417MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	49.92	54.00	-4.08	31.52	3	Vertical	150	1.31	-	18.40	27.64	3.88	-
AV	2.421G	96.97	Inf	-Inf	31.53	3	Vertical	150	1.31	-	65.44	27.60	3.93	-
PK	2.3886G	63.24	74.00	-10.76	31.53	3	Vertical	150	1.31	-	31.71	27.65	3.88	-
PK	2.4202G	106.13	Inf	-Inf	31.53	3	Vertical	150	1.31	-	74.60	27.60	3.93	-

802.11n HT20_Nss1,(MCS0)_1TX

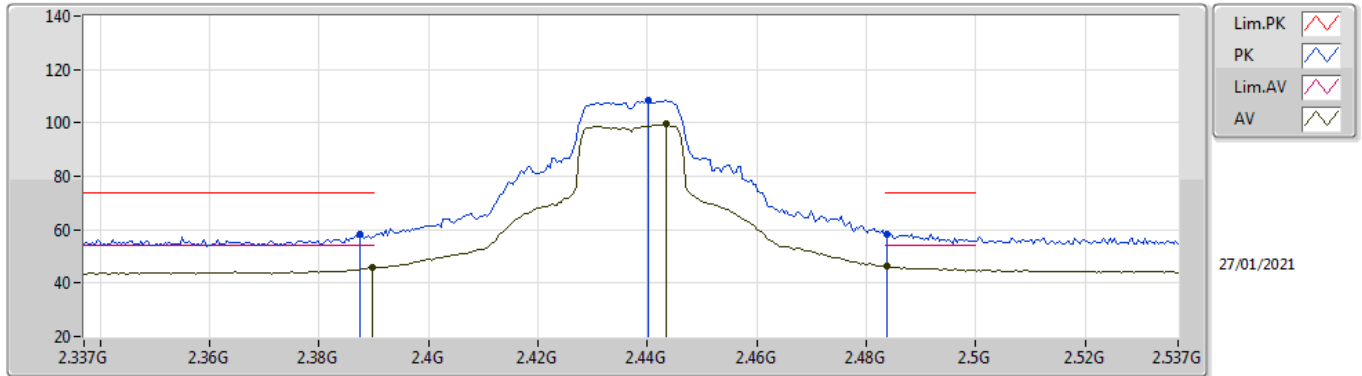
2417MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	53.79	54.00	-0.21	31.52	3	Horizontal	24	1.00	-	22.27	27.64	3.88	-
AV	2.4234G	101.83	Inf	-Inf	31.54	3	Horizontal	24	1.00	-	70.29	27.60	3.94	-
PK	2.387G	67.73	74.00	-6.27	31.53	3	Horizontal	24	1.00	-	36.20	27.65	3.88	-
PK	2.4234G	110.73	Inf	-Inf	31.54	3	Horizontal	24	1.00	-	79.19	27.60	3.94	-

802.11n HT20_Nss1,(MCS0)_1TX

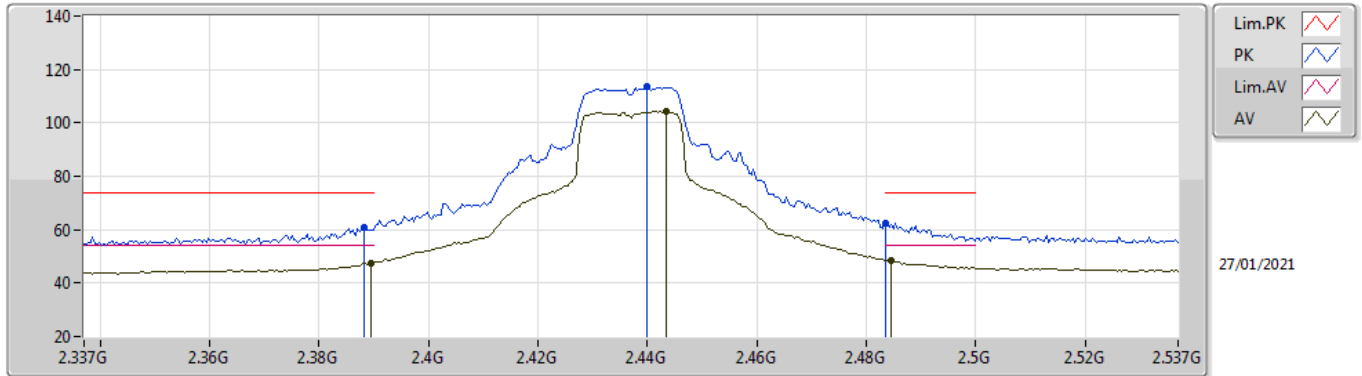
2437MHz_TX



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	45.79	54.00	-8.21	31.52	3	Vertical	150	1.99	-	14.27	27.64	3.88	-
AV	2.4434G	99.42	Inf	-Inf	31.57	3	Vertical	150	1.99	-	67.85	27.60	3.97	-
AV	2.4838G	46.42	54.00	-7.58	31.63	3	Vertical	150	1.99	-	14.79	27.60	4.03	-
PK	2.3874G	58.31	74.00	-15.69	31.53	3	Vertical	150	1.99	-	26.78	27.65	3.88	-
PK	2.4402G	108.46	Inf	-Inf	31.56	3	Vertical	150	1.99	-	76.90	27.60	3.96	-
PK	2.4838G	58.34	74.00	-15.66	31.63	3	Vertical	150	1.99	-	26.71	27.60	4.03	-

802.11n HT20_Nss1,(MCS0)_1TX

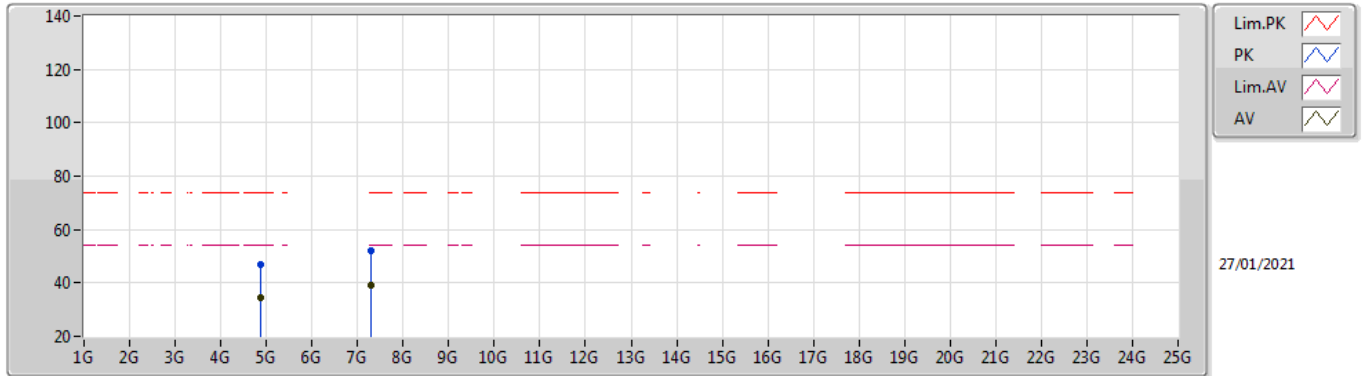
2437MHz_TX



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	2.3894G	47.53	54.00	-6.47	31.52	3	Horizontal	23	1.27	-	16.01	27.64	3.88	-
AV	2.4434G	104.43	Inf	-Inf	31.57	3	Horizontal	23	1.27	-	72.86	27.60	3.97	-
AV	2.4846G	48.69	54.00	-5.31	31.63	3	Horizontal	23	1.27	-	17.06	27.60	4.03	-
PK	2.3882G	61.02	74.00	-12.98	31.53	3	Horizontal	23	1.27	-	29.49	27.65	3.88	-
PK	2.4398G	113.52	Inf	-Inf	31.56	3	Horizontal	23	1.27	-	81.96	27.60	3.96	-
PK	2.4835G	62.34	74.00	-11.66	31.63	3	Horizontal	23	1.27	-	30.71	27.60	4.03	-

802.11n HT20_Nss1,(MCS0)_1TX

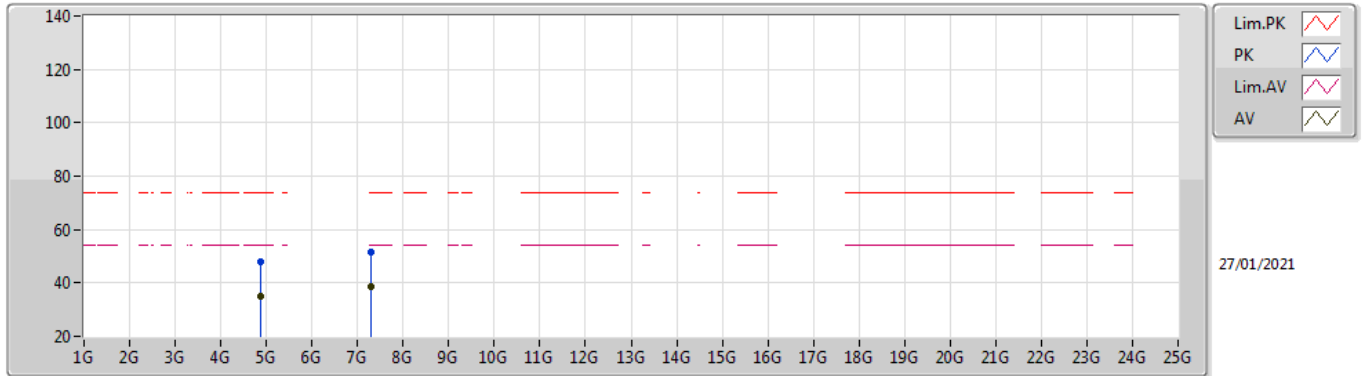
2437MHz_TX



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	4.8765G	34.23	54.00	-19.77	1.66	3	Vertical	292	1.21	-	32.57	31.25	5.34	34.93
AV	7.3068G	38.90	54.00	-15.10	8.21	3	Vertical	346	1.09	-	30.69	36.59	6.80	35.18
PK	4.8745G	46.89	74.00	-27.11	1.66	3	Vertical	292	1.21	-	45.23	31.25	5.34	34.93
PK	7.3064G	51.89	74.00	-22.11	8.21	3	Vertical	346	1.09	-	43.68	36.59	6.80	35.18

802.11n HT20_Nss1,(MCS0)_1TX

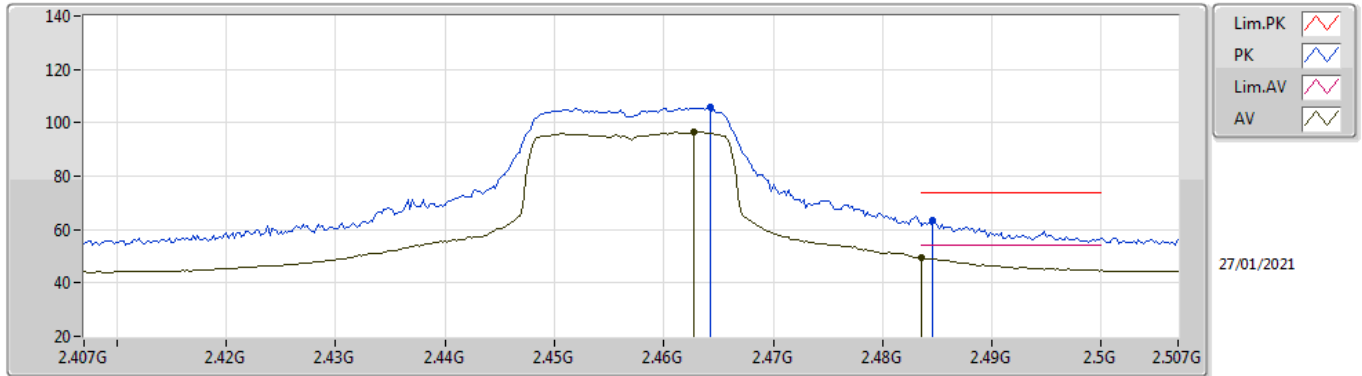
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.87298G	34.79	54.00	-19.21	1.66	3	Horizontal	32	1.23	-	33.13	31.25	5.34	34.93
AV	7.3031G	38.50	54.00	-15.50	8.21	3	Horizontal	142	2.65	-	30.29	36.59	6.80	35.18
PK	4.87472G	47.70	74.00	-26.30	1.66	3	Horizontal	32	1.23	-	46.04	31.25	5.34	34.93
PK	7.3047G	51.75	74.00	-22.25	8.21	3	Horizontal	142	2.65	-	43.54	36.59	6.80	35.18

802.11n HT20_Nss1,(MCS0)_1TX

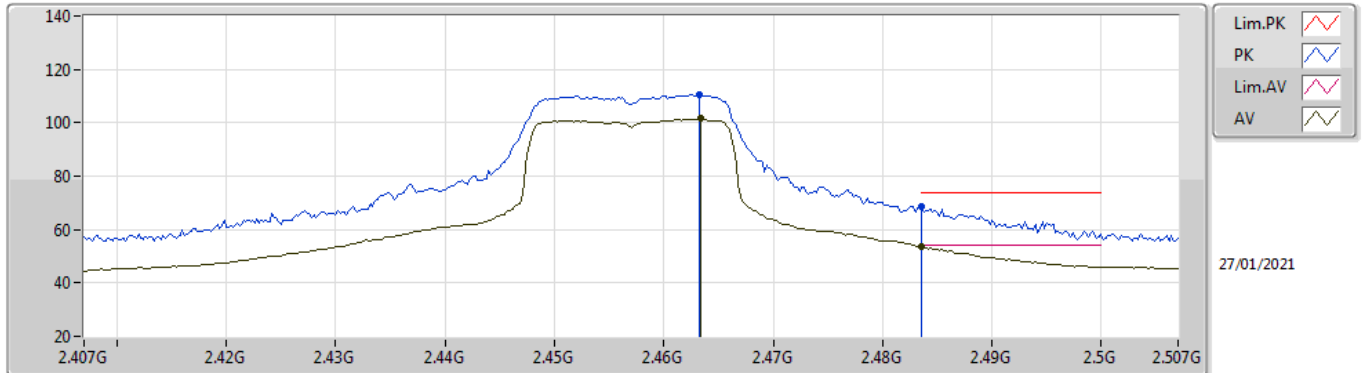
2457MHz_TX



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	2.4628G	96.58	Inf	-Inf	31.59	3	Vertical	152	1.80	-	64.99	27.60	3.99	-
AV	2.4835G	49.49	54.00	-4.51	31.63	3	Vertical	152	1.80	-	17.86	27.60	4.03	-
PK	2.4642G	105.76	Inf	-Inf	31.60	3	Vertical	152	1.80	-	74.16	27.60	4.00	-
PK	2.4846G	63.50	74.00	-10.50	31.63	3	Vertical	152	1.80	-	31.87	27.60	4.03	-

802.11n HT20_Nss1,(MCS0)_1TX

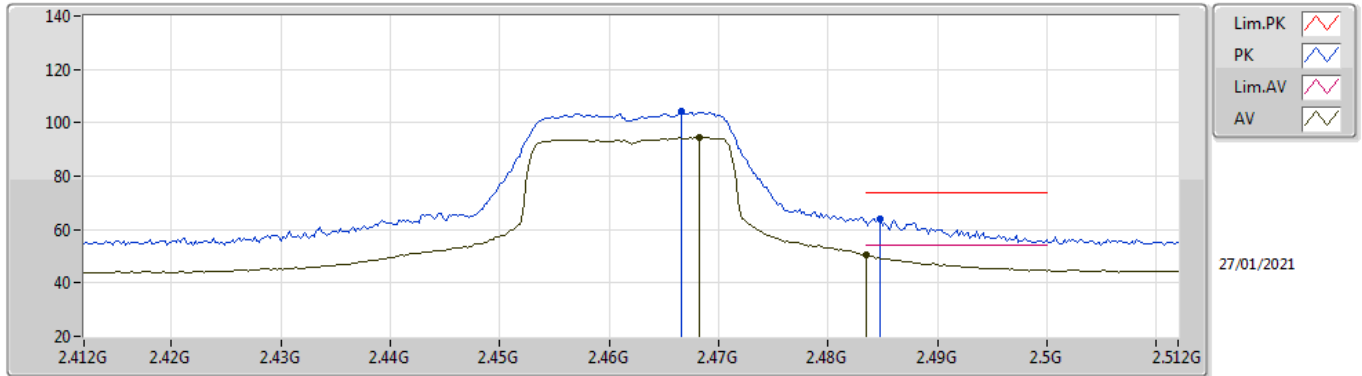
2457MHz_TX



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	2.4634G	101.52	Inf	-Inf	31.60	3	Horizontal	26	1.00	-	69.92	27.60	4.00	-
AV	2.4835G	53.58	54.00	-0.42	31.63	3	Horizontal	26	1.00	-	21.95	27.60	4.03	-
PK	2.4632G	110.38	Inf	-Inf	31.59	3	Horizontal	26	1.00	-	78.79	27.60	3.99	-
PK	2.4835G	68.64	74.00	-5.36	31.63	3	Horizontal	26	1.00	-	37.01	27.60	4.03	-

802.11n HT20_Nss1,(MCS0)_1TX

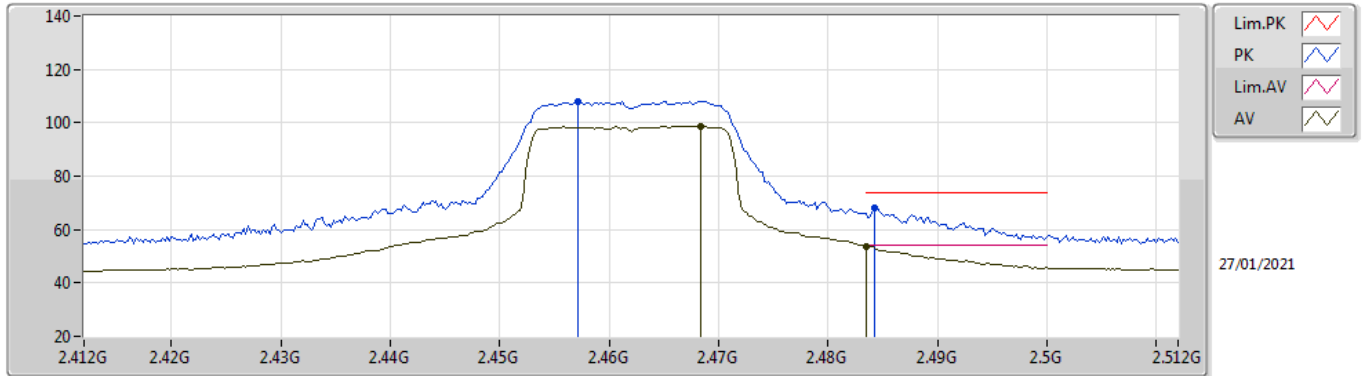
2462MHz_TX



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	2.4682G	94.73	Inf	-Inf	31.60	3	Vertical	148	1.11	-	63.13	27.60	4.00	-
AV	2.4835G	50.40	54.00	-3.60	31.63	3	Vertical	148	1.11	-	18.77	27.60	4.03	-
PK	2.4666G	104.37	Inf	-Inf	31.60	3	Vertical	148	1.11	-	72.77	27.60	4.00	-
PK	2.4848G	64.00	74.00	-10.00	31.63	3	Vertical	148	1.11	-	32.37	27.60	4.03	-

802.11n HT20_Nss1,(MCS0)_1TX

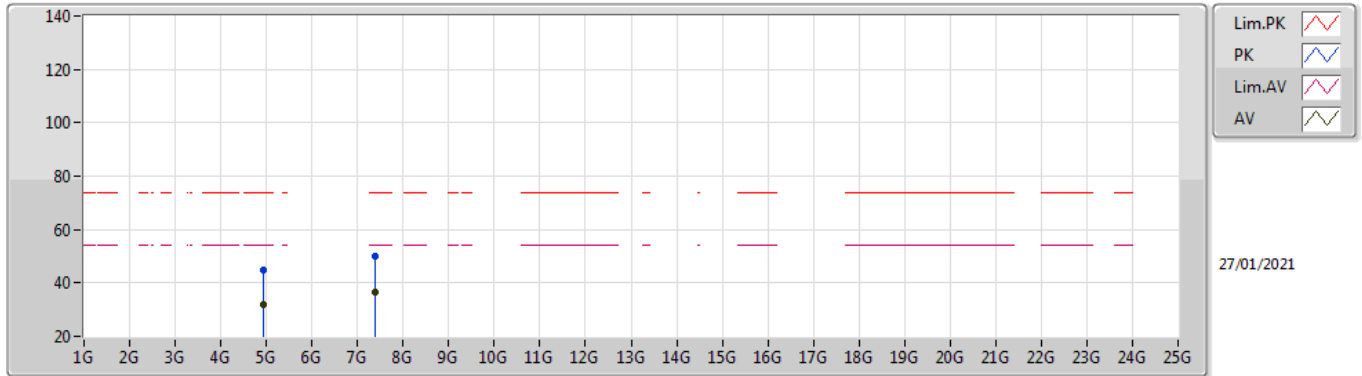
2462MHz_TX



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	2.4684G	98.87	Inf	-Inf	31.60	3	Horizontal	24	1.00	-	67.27	27.60	4.00	-
AV	2.4835G	53.53	54.00	-0.47	31.63	3	Horizontal	24	1.00	-	21.90	27.60	4.03	-
PK	2.4572G	108.03	Inf	-Inf	31.59	3	Horizontal	24	1.00	-	76.44	27.60	3.99	-
PK	2.4842G	68.07	74.00	-5.93	31.63	3	Horizontal	24	1.00	-	36.44	27.60	4.03	-

802.11n HT20_Nss1,(MCS0)_1TX

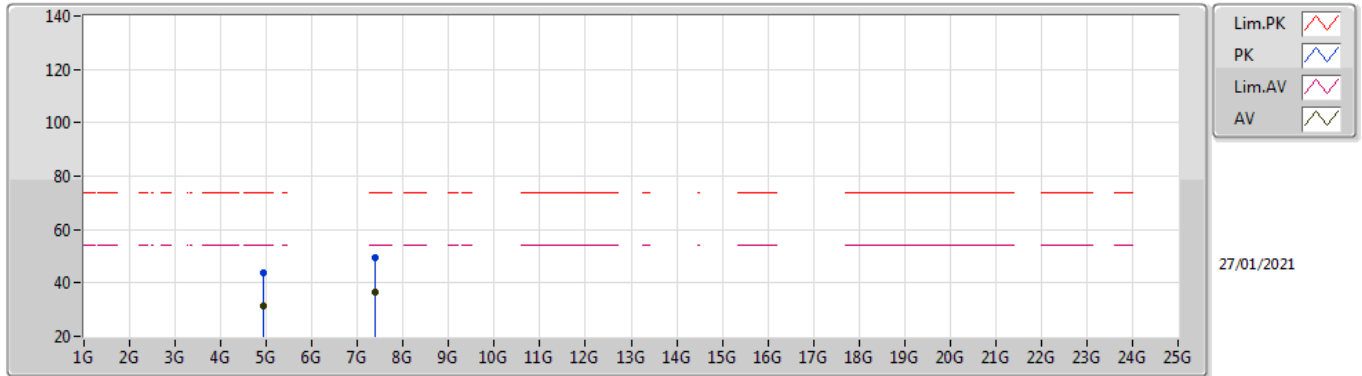
2462MHz_TX



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	4.92508G	31.83	54.00	-22.17	1.72	3	Vertical	313	1.00	-	30.11	31.30	5.36	34.94
AV	7.38984G	36.81	54.00	-17.19	8.04	3	Vertical	351	1.02	-	28.77	36.42	6.80	35.18
PK	4.92328G	44.84	74.00	-29.16	1.71	3	Vertical	313	1.00	-	43.13	31.29	5.36	34.94
PK	7.38606G	50.02	74.00	-23.98	8.05	3	Vertical	351	1.02	-	41.97	36.43	6.80	35.18

802.11n HT20_Nss1,(MCS0)_1TX

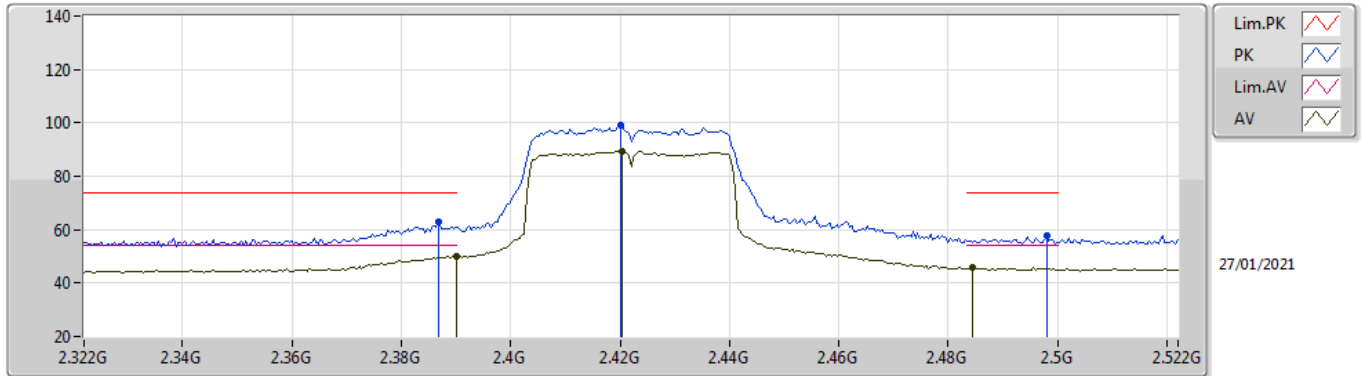
2462MHz_TX



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	4.927G	31.60	54.00	-22.40	1.73	3	Horizontal	34	1.17	-	29.87	31.31	5.36	34.94
AV	7.38966G	36.73	54.00	-17.27	8.04	3	Horizontal	31	2.78	-	28.69	36.42	6.80	35.18
PK	4.93044G	44.04	74.00	-29.96	1.75	3	Horizontal	34	1.17	-	42.29	31.32	5.37	34.94
PK	7.3839G	49.69	74.00	-24.31	8.05	3	Horizontal	31	2.78	-	41.64	36.43	6.80	35.18

802.11n HT40_Nss1,(MCS0)_1TX

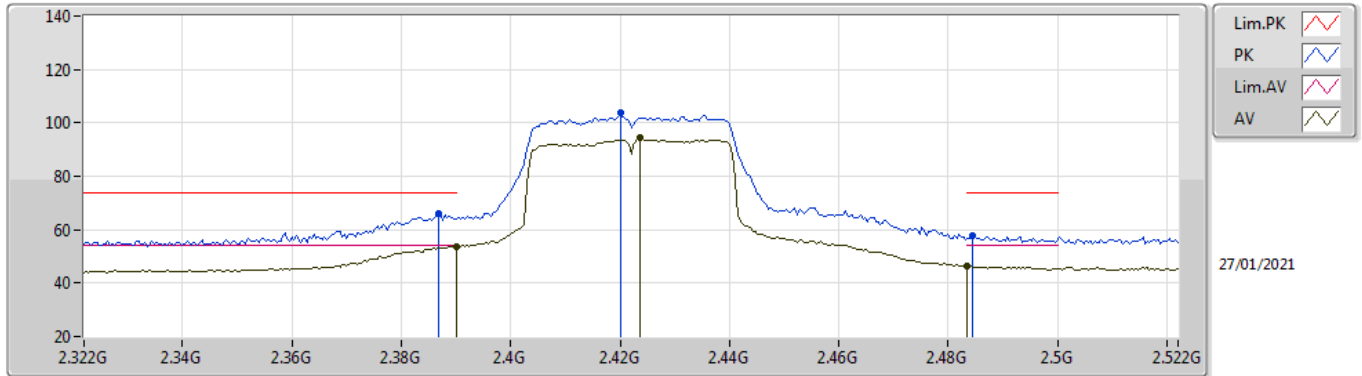
2422MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	49.92	54.00	-4.08	31.52	3	Vertical	151	1.31	-	18.40	27.64	3.88	-
AV	2.4204G	89.54	Inf	-Inf	31.53	3	Vertical	151	1.31	-	58.01	27.60	3.93	-
AV	2.4844G	46.00	54.00	-8.00	31.63	3	Vertical	151	1.31	-	14.37	27.60	4.03	-
PK	2.3868G	62.81	74.00	-11.19	31.53	3	Vertical	151	1.31	-	31.28	27.65	3.88	-
PK	2.42G	99.38	Inf	-Inf	31.53	3	Vertical	151	1.31	-	67.85	27.60	3.93	-
PK	2.498G	57.86	74.00	-16.14	31.65	3	Vertical	151	1.31	-	26.21	27.60	4.05	-

802.11n HT40_Nss1,(MCS0)_1TX

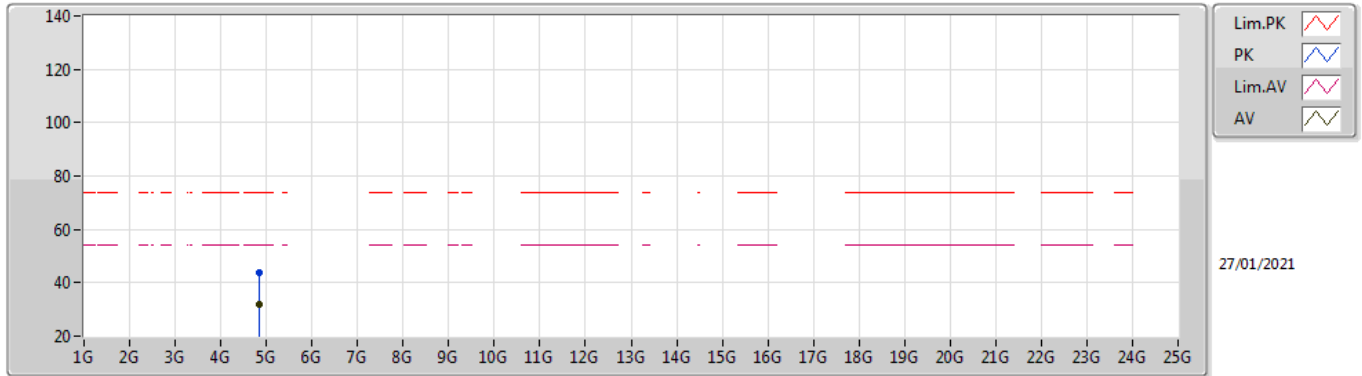
2422MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	53.73	54.00	-0.27	31.52	3	Horizontal	25	1.00	-	22.21	27.64	3.88	-
AV	2.4236G	94.28	Inf	-Inf	31.54	3	Horizontal	25	1.00	-	62.74	27.60	3.94	-
AV	2.4835G	46.29	54.00	-7.71	31.63	3	Horizontal	25	1.00	-	14.66	27.60	4.03	-
PK	2.3868G	65.91	74.00	-8.09	31.53	3	Horizontal	25	1.00	-	34.38	27.65	3.88	-
PK	2.42G	103.58	Inf	-Inf	31.53	3	Horizontal	25	1.00	-	72.05	27.60	3.93	-
PK	2.4844G	57.90	74.00	-16.10	31.63	3	Horizontal	25	1.00	-	26.27	27.60	4.03	-

802.11n HT40_Nss1,(MCS0)_1TX

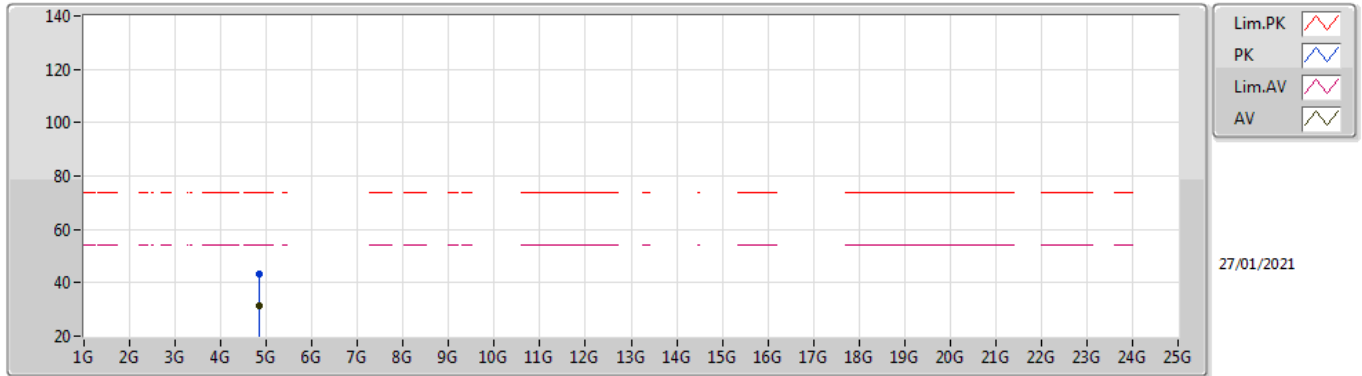
2422MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.85088G	31.86	54.00	-22.14	1.70	3	Vertical	309	1.10	-	30.16	31.30	5.33	34.93
PK	4.84636G	44.02	74.00	-29.98	1.68	3	Vertical	309	1.10	-	42.34	31.29	5.32	34.93

802.11n HT40_Nss1,(MCS0)_1TX

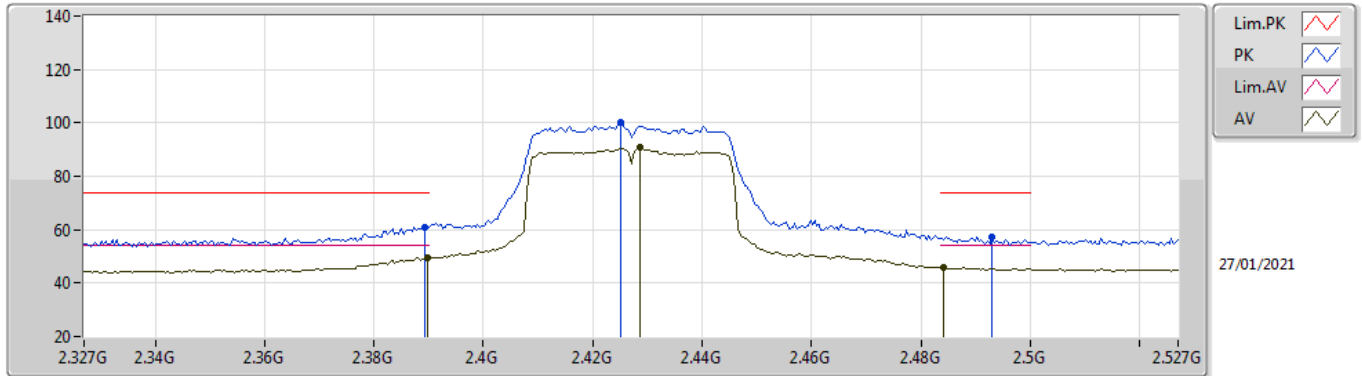
2422MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.85072G	31.55	54.00	-22.45	1.70	3	Horizontal	13	3.00	-	29.85	31.30	5.33	34.93
PK	4.83632G	43.43	74.00	-30.57	1.64	3	Horizontal	13	3.00	-	41.79	31.25	5.32	34.93

802.11n HT40_Nss1,(MCS0)_1TX

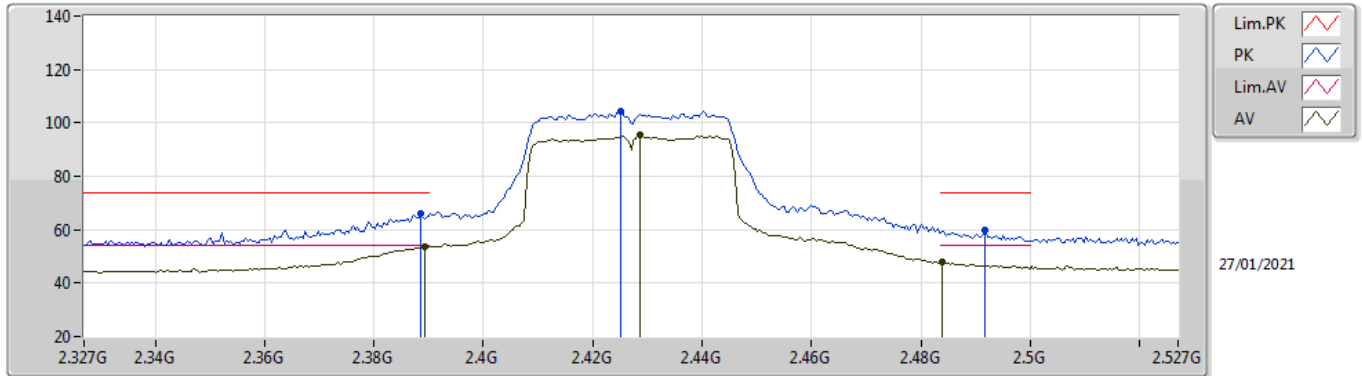
2427MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	49.56	54.00	-4.44	31.52	3	Vertical	154	2.12	-	18.04	27.64	3.88	-
AV	2.4286G	90.80	Inf	-Inf	31.54	3	Vertical	154	2.12	-	59.26	27.60	3.94	-
AV	2.4842G	46.02	54.00	-7.98	31.63	3	Vertical	154	2.12	-	14.39	27.60	4.03	-
PK	2.3894G	61.01	74.00	-12.99	31.52	3	Vertical	154	2.12	-	29.49	27.64	3.88	-
PK	2.425G	100.15	Inf	-Inf	31.54	3	Vertical	154	2.12	-	68.61	27.60	3.94	-
PK	2.493G	57.37	74.00	-16.63	31.64	3	Vertical	154	2.12	-	25.73	27.60	4.04	-

802.11n HT40_Nss1,(MCS0)_1TX

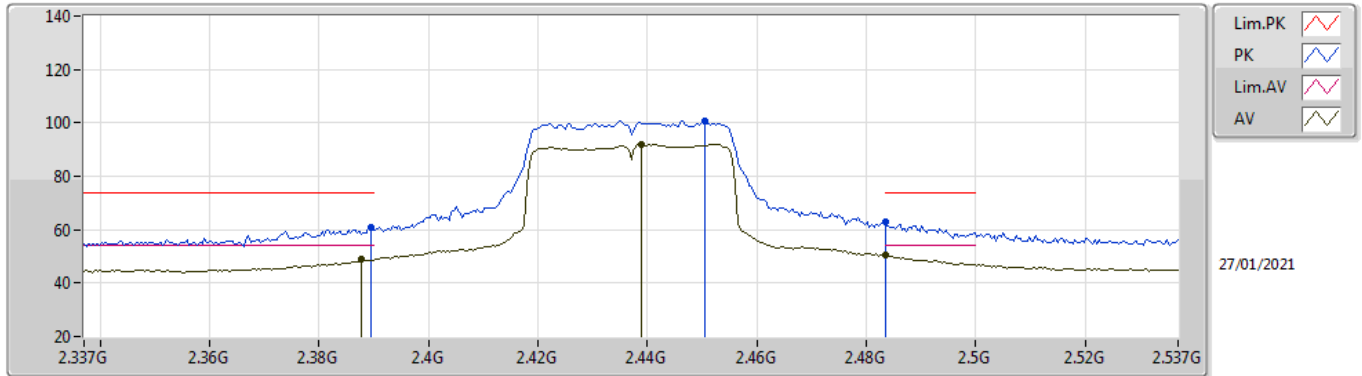
2427MHz_TX



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	53.67	54.00	-0.33	31.52	3	Horizontal	23	1.01	-	22.15	27.64	3.88	-
AV	2.4286G	95.34	Inf	-Inf	31.54	3	Horizontal	23	1.01	-	63.80	27.60	3.94	-
AV	2.4838G	48.12	54.00	-5.88	31.63	3	Horizontal	23	1.01	-	16.49	27.60	4.03	-
PK	2.3886G	66.11	74.00	-7.89	31.53	3	Horizontal	23	1.01	-	34.58	27.65	3.88	-
PK	2.425G	104.54	Inf	-Inf	31.54	3	Horizontal	23	1.01	-	73.00	27.60	3.94	-
PK	2.4918G	59.77	74.00	-14.23	31.64	3	Horizontal	23	1.01	-	28.13	27.60	4.04	-

802.11n HT40_Nss1,(MCS0)_1TX

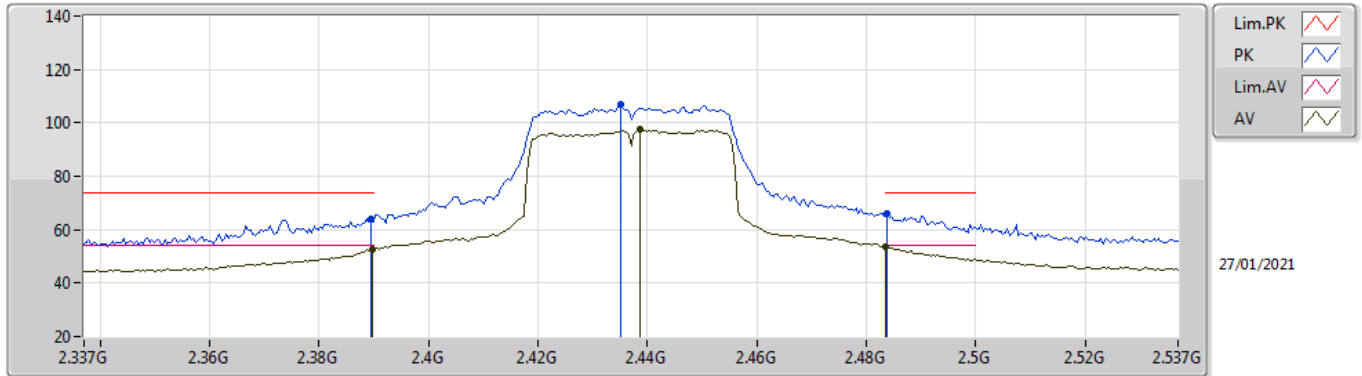
2437MHz_TX



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	2.3878G	48.79	54.00	-5.21	31.53	3	Vertical	156	1.50	-	17.26	27.65	3.88	-
AV	2.439G	92.01	Inf	-Inf	31.56	3	Vertical	156	1.50	-	60.45	27.60	3.96	-
AV	2.4835G	50.37	54.00	-3.63	31.63	3	Vertical	156	1.50	-	18.74	27.60	4.03	-
PK	2.3894G	60.80	74.00	-13.20	31.52	3	Vertical	156	1.50	-	29.28	27.64	3.88	-
PK	2.4506G	100.93	Inf	-Inf	31.58	3	Vertical	156	1.50	-	69.35	27.60	3.98	-
PK	2.4835G	62.96	74.00	-11.04	31.63	3	Vertical	156	1.50	-	31.33	27.60	4.03	-

802.11n HT40_Nss1,(MCS0)_1TX

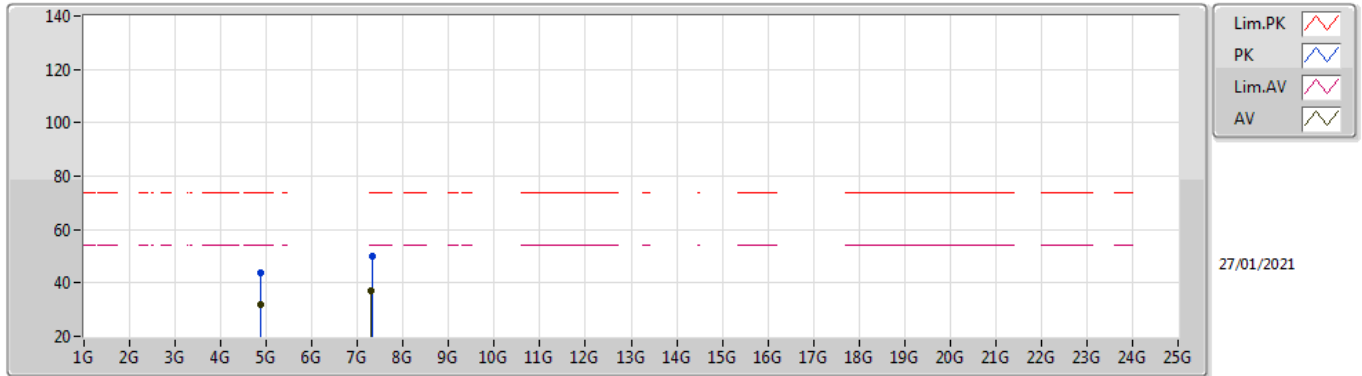
2437MHz_TX



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	52.66	54.00	-1.34	31.52	3	Horizontal	21	1.26	-	21.14	27.64	3.88	-
AV	2.4386G	97.83	Inf	-Inf	31.56	3	Horizontal	21	1.26	-	66.27	27.60	3.96	-
AV	2.4835G	53.64	54.00	-0.36	31.63	3	Horizontal	21	1.26	-	22.01	27.60	4.03	-
PK	2.3894G	63.76	74.00	-10.24	31.52	3	Horizontal	21	1.26	-	32.24	27.64	3.88	-
PK	2.435G	106.76	Inf	-Inf	31.55	3	Horizontal	21	1.26	-	75.21	27.60	3.95	-
PK	2.4838G	65.93	74.00	-8.07	31.63	3	Horizontal	21	1.26	-	34.30	27.60	4.03	-

802.11n HT40_Nss1,(MCS0)_1TX

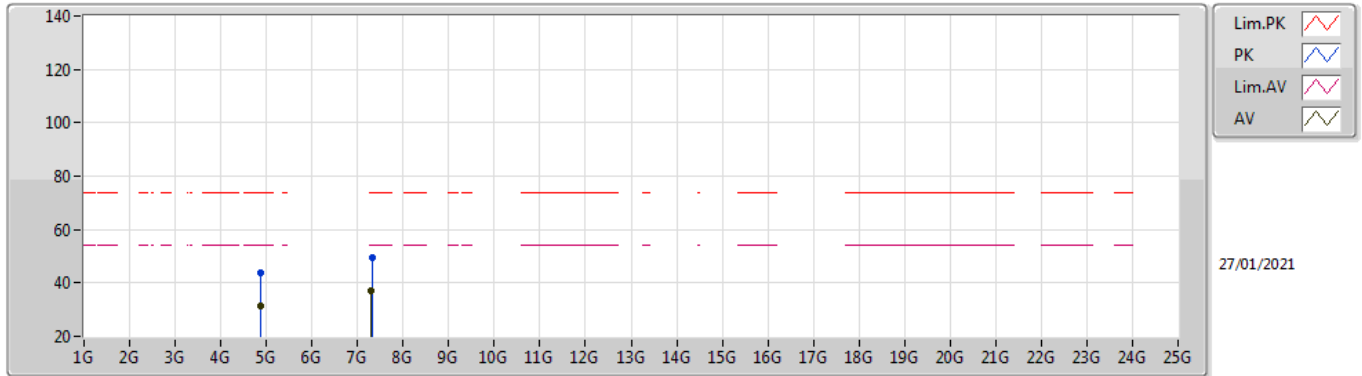
2437MHz_TX



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	4.8768G	31.86	54.00	-22.14	1.66	3	Vertical	313	1.01	-	30.20	31.25	5.34	34.93
AV	7.30324G	37.14	54.00	-16.86	8.21	3	Vertical	358	1.48	-	28.93	36.59	6.80	35.18
PK	4.86816G	43.60	74.00	-30.40	1.66	3	Vertical	313	1.01	-	41.94	31.26	5.33	34.93
PK	7.31392G	49.76	74.00	-24.24	8.19	3	Vertical	358	1.48	-	41.57	36.57	6.80	35.18

802.11n HT40_Nss1,(MCS0)_1TX

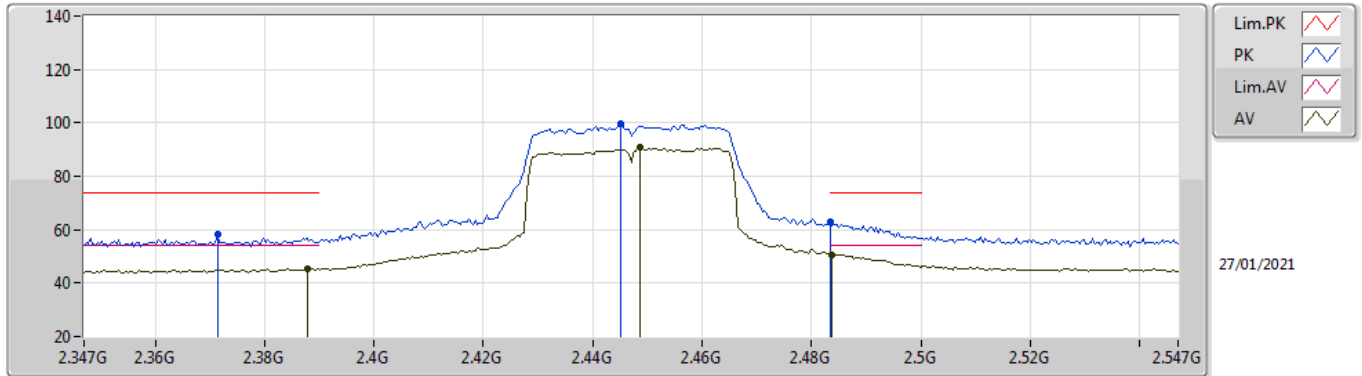
2437MHz_TX



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	4.88088G	31.49	54.00	-22.51	1.65	3	Horizontal	38	2.80	-	29.84	31.24	5.34	34.93
AV	7.30816G	37.11	54.00	-16.89	8.20	3	Horizontal	26	2.64	-	28.91	36.58	6.80	35.18
PK	4.87804G	43.60	74.00	-30.40	1.65	3	Horizontal	38	2.80	-	41.95	31.24	5.34	34.93
PK	7.31652G	49.52	74.00	-24.48	8.19	3	Horizontal	26	2.64	-	41.33	36.57	6.80	35.18

802.11n HT40_Nss1,(MCS0)_1TX

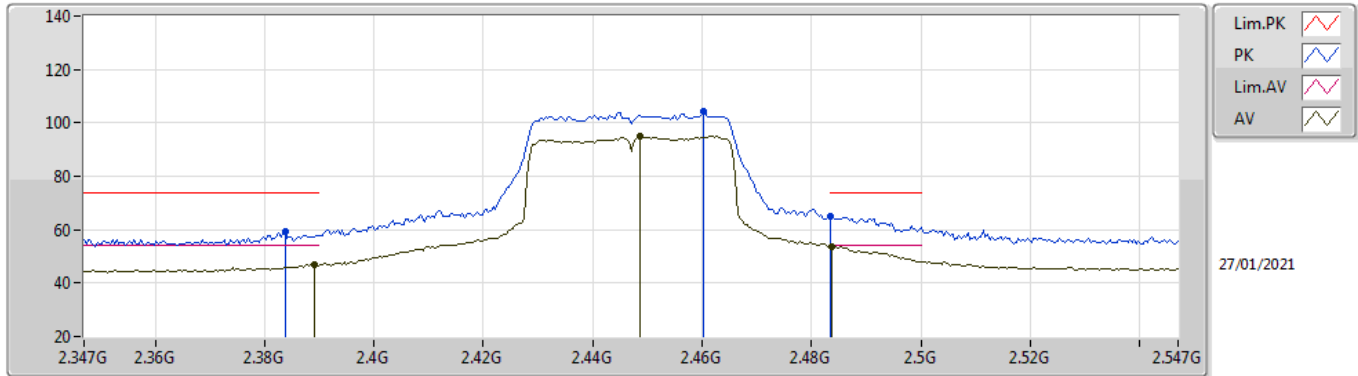
2447MHz_TX



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	2.3878G	45.30	54.00	-8.70	31.53	3	Vertical	152	1.30	-	13.77	27.65	3.88	-
AV	2.4486G	90.68	Inf	-Inf	31.57	3	Vertical	152	1.30	-	59.11	27.60	3.97	-
AV	2.4838G	50.74	54.00	-3.26	31.63	3	Vertical	152	1.30	-	19.11	27.60	4.03	-
PK	2.3714G	58.22	74.00	-15.78	31.57	3	Vertical	152	1.30	-	26.65	27.71	3.86	-
PK	2.445G	99.89	Inf	-Inf	31.57	3	Vertical	152	1.30	-	68.32	27.60	3.97	-
PK	2.4835G	62.78	74.00	-11.22	31.63	3	Vertical	152	1.30	-	31.15	27.60	4.03	-

802.11n HT40_Nss1,(MCS0)_1TX

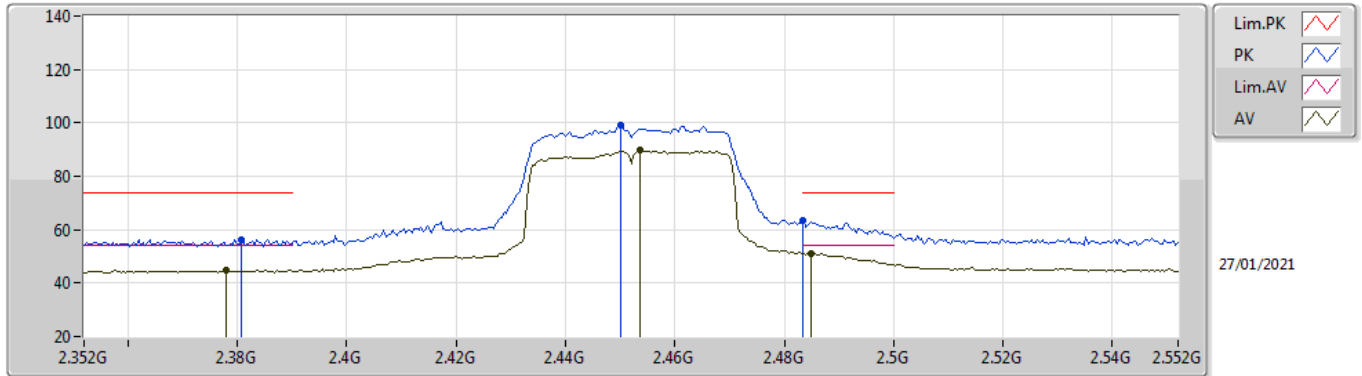
2447MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.389G	46.96	54.00	-7.04	31.52	3	Horizontal	21	1.00	-	15.44	27.64	3.88	-
AV	2.4486G	95.03	Inf	-Inf	31.57	3	Horizontal	21	1.00	-	63.46	27.60	3.97	-
AV	2.4838G	53.54	54.00	-0.46	31.63	3	Horizontal	21	1.00	-	21.91	27.60	4.03	-
PK	2.3838G	59.50	74.00	-14.50	31.54	3	Horizontal	21	1.00	-	27.96	27.66	3.88	-
PK	2.4602G	104.06	Inf	-Inf	31.59	3	Horizontal	21	1.00	-	72.47	27.60	3.99	-
PK	2.4835G	65.05	74.00	-8.95	31.63	3	Horizontal	21	1.00	-	33.42	27.60	4.03	-

802.11n HT40_Nss1,(MCS0)_1TX

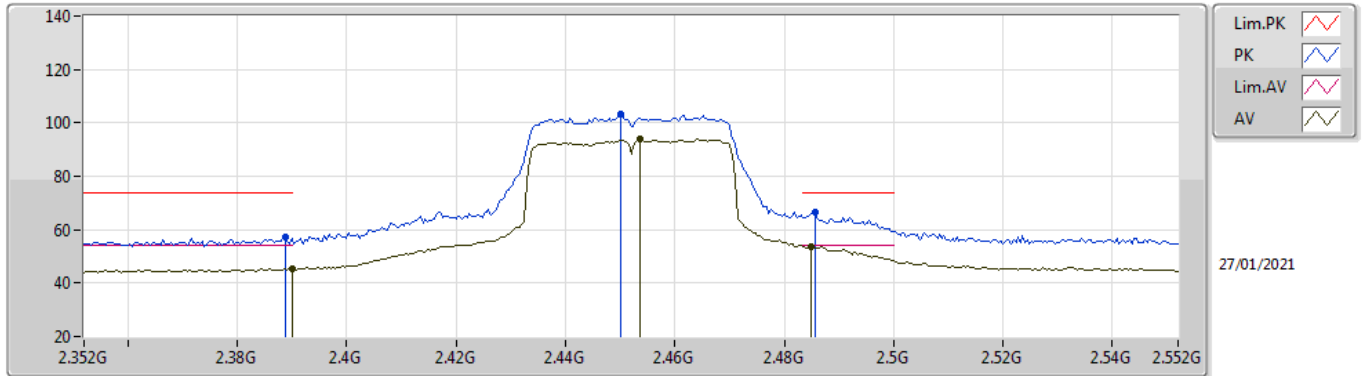
2452MHz_TX



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)
PK	2.3808G	56.33	74.00	-17.67	31.55	3	Vertical	78	1.27	-	24.78	27.68	3.87	-
AV	2.378G	44.78	54.00	-9.22	31.56	3	Vertical	78	1.27	-	13.22	27.69	3.87	-
PK	2.45G	99.08	Inf	-Inf	31.58	3	Vertical	78	1.27	-	67.50	27.60	3.98	-
AV	2.4536G	90.02	Inf	-Inf	31.58	3	Vertical	78	1.27	-	58.44	27.60	3.98	-
PK	2.4835G	63.64	74.00	-10.36	31.63	3	Vertical	78	1.27	-	32.01	27.60	4.03	-
AV	2.4848G	51.14	54.00	-2.86	31.63	3	Vertical	78	1.27	-	19.51	27.60	4.03	-

802.11n HT40_Nss1,(MCS0)_1TX

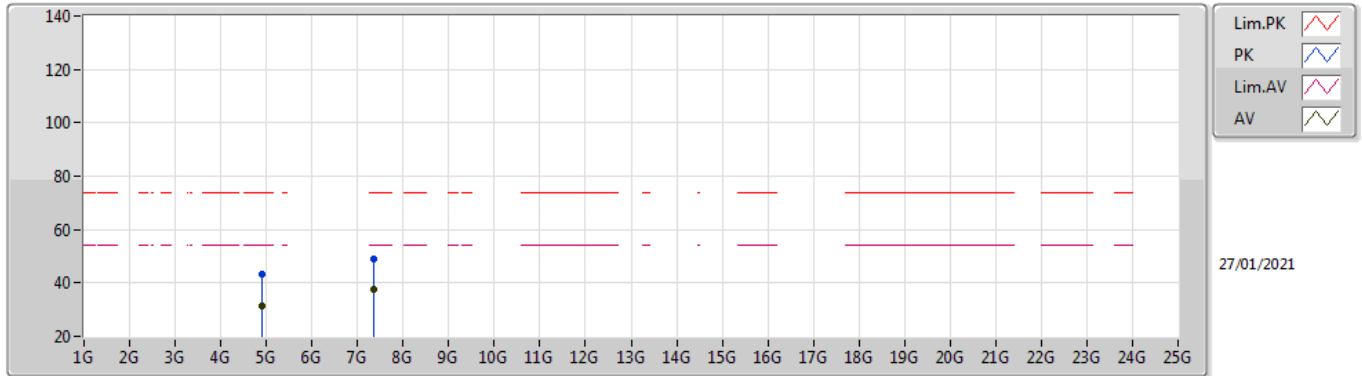
2452MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	45.42	54.00	-8.58	31.52	3	Horizontal	26	1.00	-	13.90	27.64	3.88	-
AV	2.4536G	93.98	Inf	-Inf	31.58	3	Horizontal	26	1.00	-	62.40	27.60	3.98	-
AV	2.4848G	53.73	54.00	-0.27	31.63	3	Horizontal	26	1.00	-	22.10	27.60	4.03	-
PK	2.3888G	57.03	74.00	-16.97	31.52	3	Horizontal	26	1.00	-	25.51	27.64	3.88	-
PK	2.45G	103.33	Inf	-Inf	31.58	3	Horizontal	26	1.00	-	71.75	27.60	3.98	-
PK	2.4856G	66.73	74.00	-7.27	31.63	3	Horizontal	26	1.00	-	35.10	27.60	4.03	-

802.11n HT40_Nss1,(MCS0)_1TX

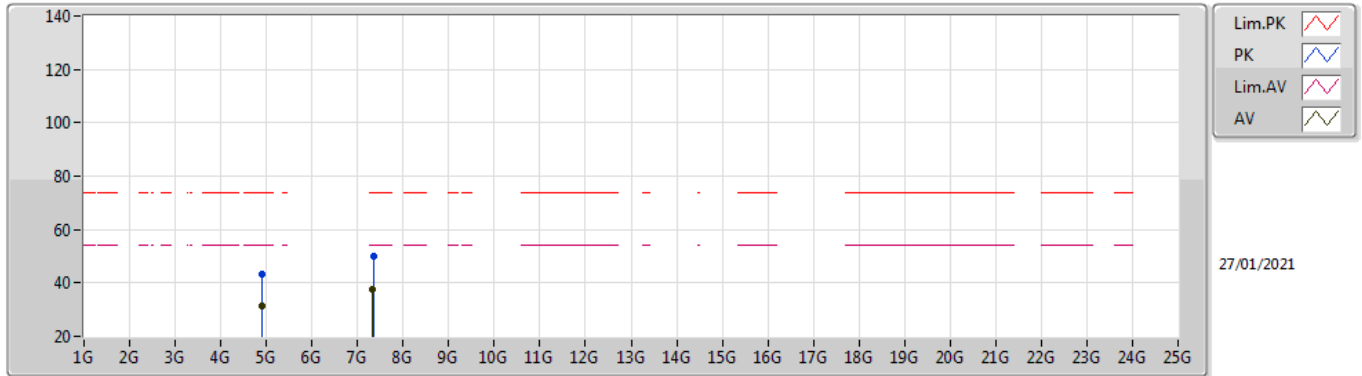
2452MHz_TX



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	4.90168G	31.40	54.00	-22.60	1.63	3	Vertical	334	1.50	-	29.77	31.21	5.35	34.93
AV	7.34716G	37.52	54.00	-16.48	8.13	3	Vertical	59	1.61	-	29.39	36.51	6.80	35.18
PK	4.90044G	43.47	74.00	-30.53	1.62	3	Vertical	334	1.50	-	41.85	31.20	5.35	34.93
PK	7.35256G	48.92	74.00	-25.08	8.11	3	Vertical	59	1.61	-	40.81	36.49	6.80	35.18

802.11n HT40_Nss1,(MCS0)_1TX

2452MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.89788G	31.33	54.00	-22.67	1.62	3	Horizontal	37	3.00	-	29.71	31.20	5.35	34.93
AV	7.33872G	37.50	54.00	-16.50	8.14	3	Horizontal	140	2.84	-	29.36	36.52	6.80	35.18
PK	4.89756G	43.22	74.00	-30.78	1.62	3	Horizontal	37	3.00	-	41.60	31.20	5.35	34.93
PK	7.34584G	50.00	74.00	-24.00	8.13	3	Horizontal	140	2.84	-	41.87	36.51	6.80	35.18