RADIO TEST REPORT

FCC ID	:	TLZ-CM467
Equipment	:	IEEE 802.11 a/b/g/n/ac and Bluetooth 5.0 Module
Brand Name	:	AzureWave
Model Name	:	AW-CM467-SUR, AW-CM467-USB, AW-CM467-SUR-I, AW-CM467-USB-I
Applicant	:	AzureWave Technologies, Inc. 8F., No.94, Baozhong Rd. , Xindian Dist., New Taipei City , Taiwan 231
Manufacturer	:	AzureWave Technologies, Inc. 8F., No.94, Baozhong Rd. , Xindian Dist., New Taipei City , Taiwan 231
Standard	:	47 CFR FCC Part 15.247

The product was received on Aug. 30, 2021, and testing was started from Sep. 11, 2021 and completed on Dec. 08, 2021. We, Sporton International Inc. Hsinchu 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. Hsinchu Laboratory, the test report shall not be reproduced except in full.

Approved by: Sam Chen

Sporton International Inc. Hsinchu Laboratory
No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County 302010, Taiwan (R.O.C.)

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History of this test report

Report No.	Version	Description	Issued Date
FR181814AA	01	Initial issue of report	Dec. 15, 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:
The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

Reviewed by: Sam Chen
Report Producer: Penny Kao

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]

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

Note:
- 11b mode uses a combination of DSSS-DBPSK, DQPSK, CCK modulation.
- 11g, HT20 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- BWch is the nominal channel bandwidth.

1.1.2 Antenna Information

Ant.	Port	Brand	Model Name	Antenna Type	Connector	Gain (dBi)		Remark
						WLAN 2.4GHz / Bluetooth	WLAN 5GHz	
1	1	Nienyi	NYS4939	PCB	I-PEX	3.58	3.89	External
2	1	Genesis	650-10045-01	PCB	I-PEX	2.50	3.85	External
3	1	Lynwave	5-PP005737	PCB	I-PEX	4.20	3.60	Internal
4	1	Maglayers	MSA-4008-25GC1-A1	PIFA	I-PEX	2.98	5.16	External
5	1	Maglayers	MSA-4008-25GC1-A2	PIFA	I-PEX	2.98	5.16	External

Note 1: The above information was declared by manufacturer.

Note 2: The EUT has five antennas.

For AC power-line conducted emissions and radiated emission measurement, “Ant. 1", “Ant. 3" and “Ant.4" was tested and recorded in the report.

For conducted measurement, only the highest gain antenna “Ant. 3" for WLAN 2.4GHz/Bluetooth and "Ant.4" for WLAN 5GHz were selected to test and recorded in the report.

For 2.4GHz WLAN function

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

Only Port 1 can be used as transmitting/receiving.

For 5GHz WLAN function

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

Only Port 1 can be used as transmitting/receiving.

For Bluetooth function (1TX/1RX):

Only Port 1 can be used as transmitting/receiving.

1.1.3 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11b	0.942	0.26	4.42m	300
802.11g	0.7	1.55	728.75u	3k
802.11n HT20	0.7	1.55	697.5u	3k

Note:
- DC is Duty Cycle.
- DCF is Duty Cycle Factor.

1.1.4 EUT Operational Condition

EUT Power Type	From Host System			
Beamforming Function	☐	With beamforming	☒	Without beamforming
Function	☒	Point-to-multipoint	☐	Point-to-point
Test Software Version	Terminal 6.04			

Note: The above information was declared by manufacturer.

1.1.5 Table for Multiple Listing

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

EUT	Model Name	Interface	Equip Antenna	Description
1	AW-CM467-SUR	SDIO-UART	External or Internal Antenna	All the models are identical, the difference model for difference brand served as marketing strategy.
	AW-CM467-SUR-I			
2	AW-CM467-USB	USB-USB	External Antenna	All the models are identical, the difference model for difference brand served as marketing strategy.
	AW-CM467-USB-I			

Note 1: From the above models, model: AW-CM467-SUR (EUT 1) and AW-CM467-USB (EUT 2) was selected as representative model for the test and its data was recorded in this report.

Note 2: The above information was declared by manufacturer.

1.2 Applicable Standards

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

- 47 CFR FCC Part 15.247
- ANSI C63.10-2013

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

- FCC KDB 558074 D01 v05r02
- FCC KDB 414788 D01 v01r01

1.3 Testing Location Information

Testing Location Information	
Test Lab.：Sporton International Inc. Hsinchu Laboratory	
Hsinchu	ADD: No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County 302010, Taiwan (R.O.C.)
(TAF: 3787)	TEL: 886-3-656-9065 FAX: 886-3-656-9085
	Test site Designation No. TW3787 with FCC.
	Conformity Assessment Body Identifier (CABID) TW3787 with ISED.

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted	TH01-CB	Caster Chang	21.9-22.4 / 69-72	Sep. 18, 2021
Radiated (Below 1GHz)	03CH03-CB	Stim Sung	24.1-25.2 / 55-58	Sep. 11, 2021~ Dec. 08, 2021
	03CH05-CB		23.5-24.6 / 55-59	
Radiated (Above 1GHz)	03CH06-CB	Stim Sung	23.7-24.8 / 56-59	Sep. 11, 2021~ Dec. 08, 2021
Radiated (Emission Co-location)	03CH06-CB	Stim Sung	23.7-24.8 / 56-59	Sep. 11, 2021~ Dec. 08, 2021
AC Conduction	CO01-CB	Joe Chu	22~24 / 58~60	Nov. 29, 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)	2.0 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	4.2 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	5.5 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	4.7 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.2 dB	Confidence levels of 95%
Conducted Emission	2.5 dB	Confidence levels of 95%
Output Power Measurement	1.3 dB	Confidence levels of 95%
Power Density Measurement	2.5 dB	Confidence levels of 95%
Bandwidth Measurement	0.9%	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Channel Mode

Mode	Power Setting
802.11b_Nss1,(1Mbps)_1TX	-
2412MHz	71
2437MHz	72
2462MHz	69
802.11g_Nss1,(6Mbps)_1TX	-
2412MHz	56
2417MHz	70
2437MHz	72
2462MHz	59
802.11n HT20_Nss1,(MCS0)_1TX	-
2412MHz	50
2417MHz	68
2437MHz	72
2457MHz	69
2462MHz	54

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	Normal Link
1	EUT 2 + WLAN 2.4GHz + Bluetooth + Ant. 1
2	EUT 2 + WLAN 5GHz + Bluetooth + Ant. 1
Mode 1 has been evaluated to be the worst case among Mode 1~2, thus measurement for Mode 3 will follow this same test mode.	
3	EUT 1 + WLAN 2.4GHz + Bluetooth + Ant. 1
Mode 3 has been evaluated to be the worst case among Mode 1~3, thus measurement for Mode 4~5 will follow this same test mode.	
4	EUT 1 + WLAN 2.4GHz + Bluetooth + Ant. 4
5	EUT 1 + WLAN 5GHz + Bluetooth + Ant. 4
6	EUT 1 + WLAN 2.4GHz + Bluetooth + Ant. 3
7	EUT 1 + WLAN 5GHz + Bluetooth + Ant. 3
For operating mode 3 is the worst case and it was record in this test report.	

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
Operating Mode	After verifying, the output power is the same with EUT 1 and EUT 2. Thus only EUT 2 was selected to execute all test.
1	EUT 2 + Ant. 3

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. The EUT was performed at X axis, Y axis and Z axis position for Emissions in Restricted Frequency Bands above 1GHz test. The worst case was found is below. So the measurement will follow this same test configuration.
1	EUT 1 in X axis + WLAN 2.4GHz + Ant.3
2	EUT 1 in X axis + Bluetooth + Ant.3
3	EUT 2 in Y axis + WLAN 5GHz + Ant.1
4	EUT 1 in Y axis + WLAN 5GHz + Ant.1
5	EUT 2 in Y axis + WLAN 2.4GHz + Ant.1
6	EUT 2 in Y axis + Bluetooth + Ant.1
7	EUT 2 in Y axis + WLAN 2.4GHz + Ant.4
8	EUT 1 in Y axis + WLAN 2.4GHz + Ant.4
9	EUT 2 in Y axis + Bluetooth + Ant.4
10	EUT 1 in Y axis + Bluetooth + Ant.4
11	EUT 2 in Y axis + WLAN 5GHz + Ant.4
12	EUT 1 in Y axis + WLAN 5GHz + Ant.4
For operating mode 1 is the worst case and it was record in this test report.	
Operating Mode > 1GHz	CTX
	1. The EUT was performed at X axis, Y axis and Z axis position. 2. The antenna 1, antenna 4 was performed testing with EUT 1 and EUT 2. 3. The antenna 3 were performed testing. The worst case was found is below. So the measurement will follow this same test configuration.
1	EUT 1 in X axis + Ant.3
2	EUT 1 in Y axis + Ant.4

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Radiated Emission Co-location
Test Condition	Radiated measurement
Operating Mode	Normal Link
	The EUT was performed at X axis, Y axis and Z axis position for Emissions in Restricted Frequency Bands above 1GHz test. The worst case was found is below. So the measurement will follow this same test configuration.
1	EUT 1 in X axis - WLAN 2.4GHz + Bluetooth + Ant.3
2	EUT 1 in X axis - WLAN 5GHz + Bluetooth + Ant.3
3	EUT 2 in Y axis - WLAN 2.4GHz + Bluetooth + Ant.4
4	EUT 2 in Y axis - WLAN 5GHz + Bluetooth + Ant.4
5	EUT 1 in Y axis - WLAN 2.4GHz + Bluetooth + Ant.4
6	EUT 1 in Y axis - WLAN 5GHz + Bluetooth + Ant.4
For operating mode 3 is the worst case and it was record in this test report.	
Refer to Appendix G for Radiated Emission Co-location.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	WLAN 2.4GHz with Ant.3 + Bluetooth with Ant.3
2	WLAN 5GHz with Ant.4 + Bluetooth with Ant.3
Refer to Sporton Test Report No.: FA181814 for Co-location RF Exposure Evaluation.	

2.3 EUT Operation during Test

For CTX Mode:

The EUT was programmed to be in continuously transmitting mode.

For Normal Link Mode:

During the test, the EUT operation to normal function.

2.4 Accessories

N/A

2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Fixture	AzureWave	9007-I12 CK77	N/A
B	NB	HP	3168NGW	N/A
C	Bluetooth Speaker	MARUS	MSK06C-RD	N/A
D	AP Router	ASUS	RP-N53	N/A
E	Mouse	Logitech	M-U0026	N/A
F	Earphone	SHYARO CHI	MIC-04	N/A

For Radiated below 1GHz, Radiated above 1GHz mode 1 and RF Conducted:

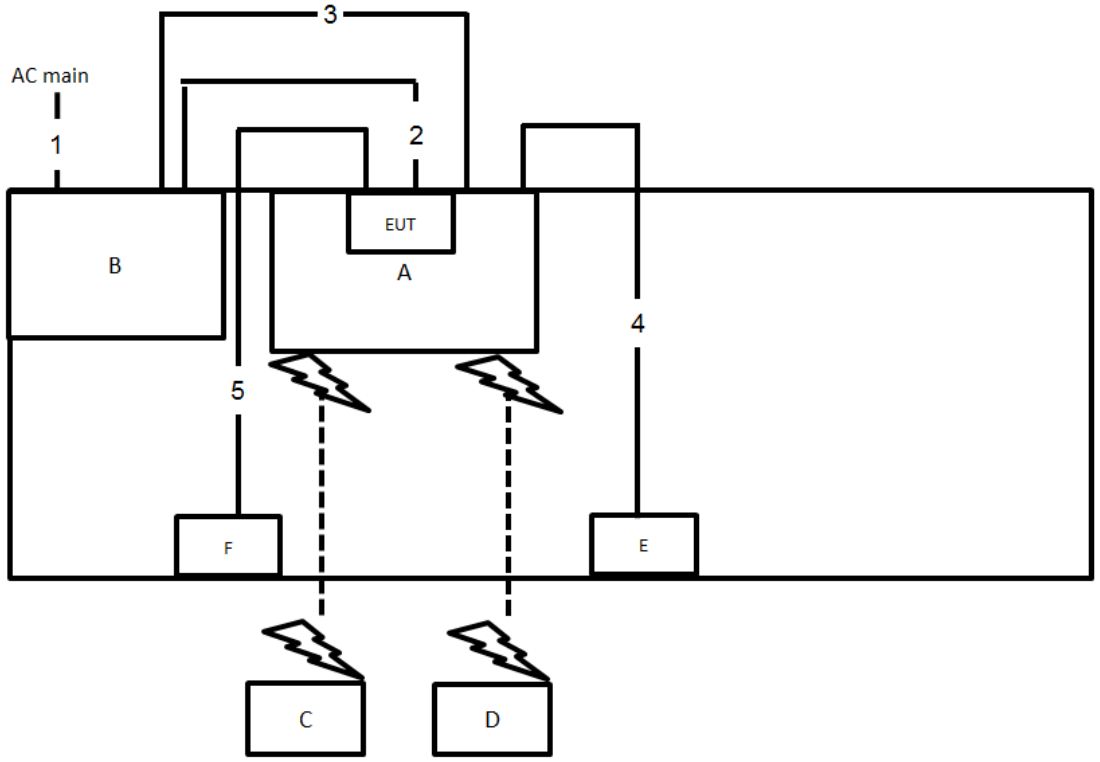
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Notebook	DELL	E4300	N/A
B	Fixture	AzureWare	2532 I1	N/A

For Radiated above 1GHz mode 2:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Notebook	DELL	E4300	N/A
B	Fixture	AzureWare	9007-I12 CK77	N/A

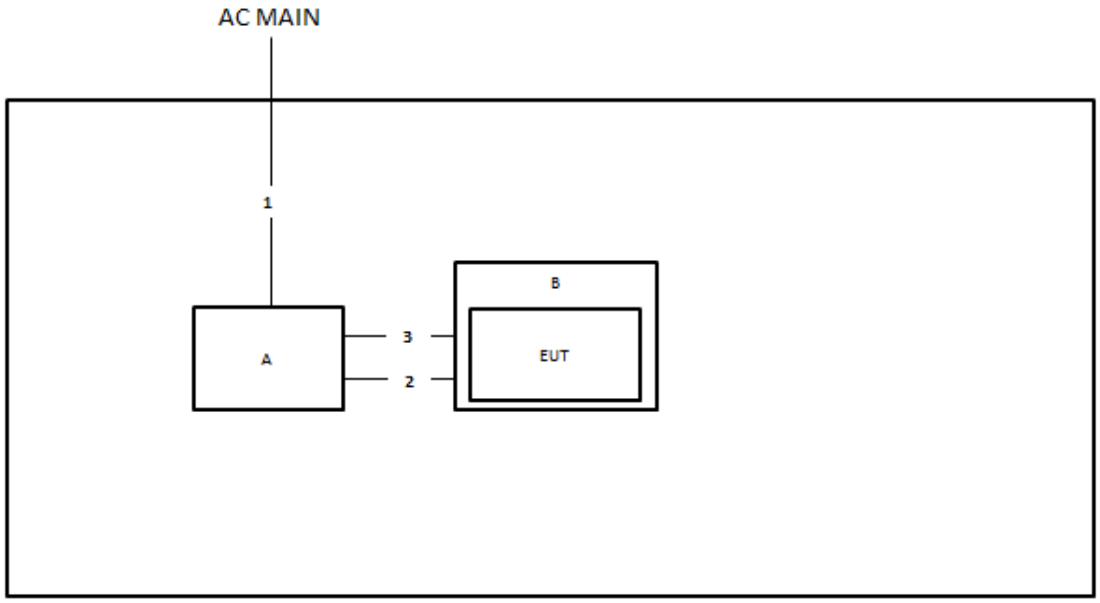
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



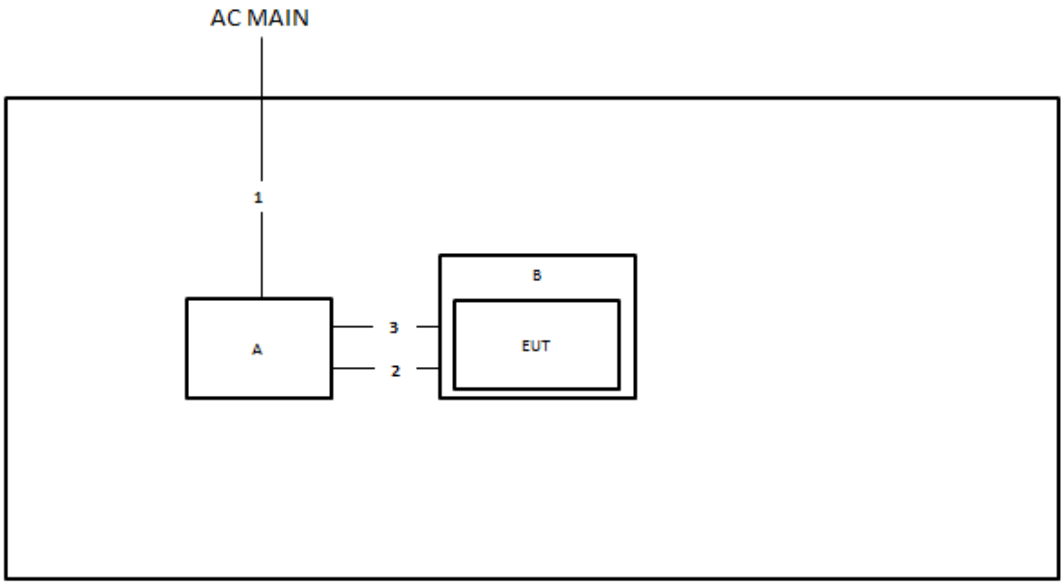
Item	Connection	Shielded	Length
1	Power cable	No	1.6m
2	USB cable	Yes	1m
3	USB cable	Yes	1m
4	USB cable	Yes	1.8m
5	Audio cable	No	1.1m

Test Setup Diagram - Radiated below 1GHz and Radiated above 1GHz mode 1



Item	Connection	Shielded	Length
1	Power cable	No	2.6m
2	USB cable	Yes	1m
3	USB cable	Yes	1.8m

Test Setup Diagram - Radiated above 1GHz mode 2



Item	Connection	Shielded	Length
1	Power cable	No	2.6m
2	USB cable	Yes	0.5m
3	USB cable	Yes	0.95m

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

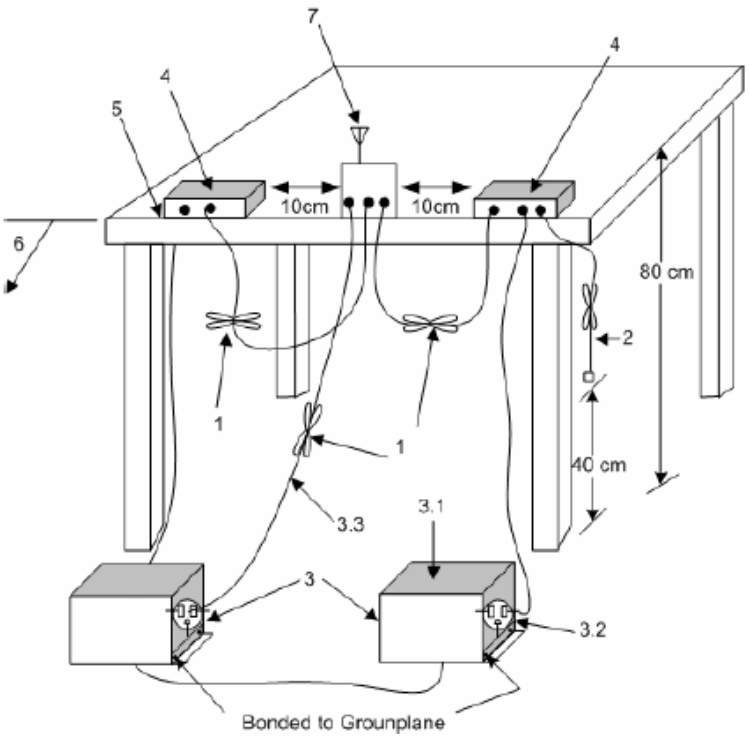
Refer a test equipment and calibration data table in this test report.

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 Test Setup

AC Power-line Conducted Emissions



1—Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 cm to 40 cm long.
2—The I/O cables that are not connected to an accessory shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
3—EUT connected to one LISN. Unused LISN measuring port connectors shall be terminated in 50 Ω loads. LISN may be placed on top of, or immediately beneath, reference ground plane.
3.1—All other equipment powered from additional LISN(s).
3.2—A multiple-outlet strip may be used for multiple power cords of non-EUT equipment.
3.3—LISN at least 80 cm from nearest part of EUT chassis.
4—Non-EUT components of EUT system being tested.
5—Rear of EUT, including peripherals, shall all be aligned and flush with edge of tabletop.
6—Edge of tabletop shall be 40 cm removed from a vertical conducting plane that is bonded to the ground plane.
7—Antenna can be integral or detachable. If detachable, then the antenna shall be attached for this test.

3.1.5 Measurement Results Calculation

The measured Level is calculated using:

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

b. Margin = -Limit + Level

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 ≥ 500 kHz.

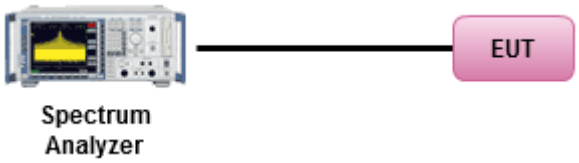
3.2.2 Measuring Instruments

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 FCC KDB 558074, clause 8.2 & C63.10 clause 11.8.1 Option 1 for 6 dB bandwidth measurement.
	☐ Refer as FCC KDB 558074, clause 8.2 & C63.10 clause 11.8.2 Option 2 for 6 dB bandwidth measurement.
	☐ Refer as ANSI C63.10, clause 6.9.1 for occupied bandwidth testing.

3.2.4 Test Setup

Emission Bandwidth


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
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 FCC KDB 558074, clause 8.3.1.1 & C63.10 clause 11.9.1.1 (RBW ≥ EBW method).
	☐ Refer as FCC KDB 558074, clause 8.3.1.3 & C63.10 clause 11.9.1.3 (peak power meter).
▪ Maximum Conducted Output Power	
	[duty cycle ≥ 98% or external video / power trigger]
	☐ Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.2 Method AVGSA-1.
	☐ Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.3 Method AVGSA-1A. (alternative)
	duty cycle < 98% and average over on/off periods with duty factor
	☐ Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.4 Method AVGSA-2.
	☐ Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.5 Method AVGSA-2A (alternative)
	☐ Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.6 Method AVGSA-3
	☐ Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.7 Method AVGSA-3A (alternative)
	Measurement using a power meter (PM)
	☐ Refer as FCC KDB 558074, clause 8.3.2.3 & C63.10 clause 11.9.2.3.1 Method AVGPM (using an RF average power meter).
	☒ Refer as FCC KDB 558074, clause 8.3.2.3 & C63.10 clause 11.9.2.3.2 Method AVGPM-G (using an gate RF average power meter).
▪ For conducted measurement.	
	▪ If the EUT supports multiple transmit chains using options given below: Refer as FCC 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: $P_{total} = P_1 + P_2 + \ldots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$

3.3.4 Test Setup

Maximum Conducted Output Power (Power Meter)


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

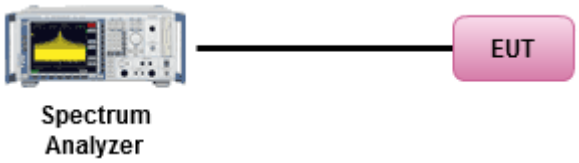
3.4.2 Measuring Instruments

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 FCC KDB 558074, clause 8.4 & C63.10 clause 11.10 Method Max. PSD.	
▪ For conducted measurement.		
	▪ If The EUT supports multiple transmit chains using options given below:	
		☐ Option 1: Measure and sum the spectra across the outputs. Refer as FCC 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.
		☐ Option 2: Measure and sum spectral maxima across the outputs. With this technique, spectra are measured at each output of the device at the required resolution bandwidth. The maximum value (peak) of each spectrum is determined. These maximum values are then summed mathematically in linear power units across the outputs. These operations shall be performed separately over frequency spans that have different out-of-band or spurious emission limits,
		☐ Option 3: Measure and add 10 log(N) dB, where N is the number of transmit chains. Refer as FCC KDB 662911, In-band power spectral density (PSD). Performed at each transmit chains and each transmit chains shall be compared with the limit have been reduced with 10 log(N). Or each transmit chains shall be add 10 log(N) to compared with the limit.

3.4.4 Test Setup

Power Spectral Density


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 (dBc)**
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 PSD 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 PSD level.

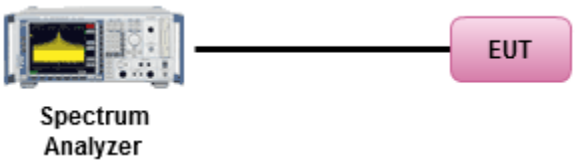
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

Test Method
▪ Refer as FCC KDB 558074, clause 8.5 for unwanted emissions into non-restricted bands.

3.5.4 Test Setup

Emissions in Non-restricted Frequency Bands


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.

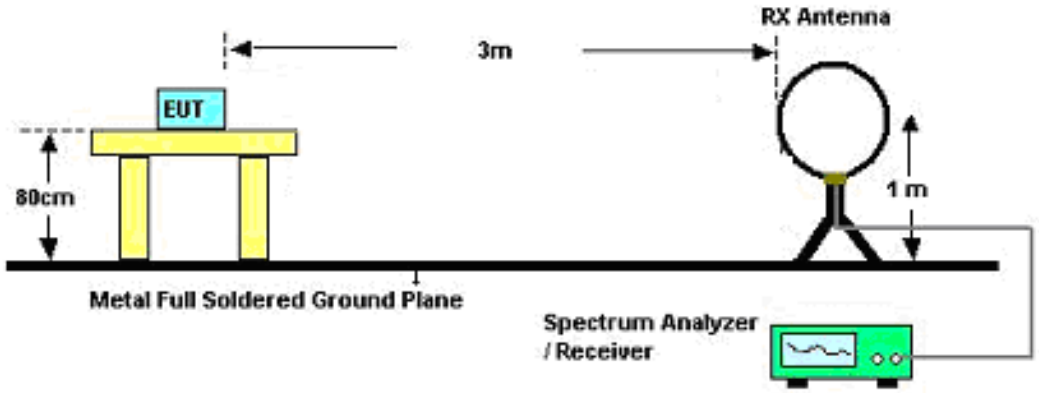
3.6.3 Test Procedures

Test Method			
▪ The average emission levels shall be measured in [duty cycle ≥ 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 FCC KDB 558074, clause 8.6 for unwanted emissions into restricted bands.		
		☐	Refer as FCC KDB 558074, clause 8.6 & C63.10 clause 11.12.2.5.1(trace averaging for duty cycle ≥98%).
		☐	Refer as FCC KDB 558074, clause 8.6 & C63.10 clause 11.12.2.5.2(trace averaging + duty factor).
		☒	Refer as FCC KDB 558074, clause 8.6 & C63.10 clause 11.12.2.5.3(Reduced VBW≥1/T).
		☐	Refer as ANSI C63.10, clause 11.12.2.5.3 (Reduced VBW). VBW ≥ 1/T, where T is pulse time.
		☐	Refer as ANSI C63.10, clause 7.5 average value of pulsed emissions.
		☒	Refer as FCC KDB 558074, clause 8.6 & C63.10 clause 11.12.2.4 measurement procedure peak limit.
▪ For the transmitter band-edge emissions shall be measured using following options below:			
	▪ Refer as FCC KDB 558074 clause 8.7 & C63.10 clause 11.13.1, 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 FCC KDB 558074, clause 8.7 (ANSI C63.10, clause 6.10.6) for marker-delta method for band-edge measurements.		
	▪ Refer as FCC KDB 558074, clause 8.7 for narrower resolution bandwidth (100kHz) using the band power and summing the spectral levels (i.e., 1 MHz).		
	▪ For conducted unwanted emissions into restricted bands (absolute emission limits). Devices with multiple transmit chains using options given below: (1) Measure and sum the spectra across the outputs or (2) Measure and add 10 log(N) dB		
	▪ For FCC KDB 662911 The methodology described here may overestimate array gain, thereby resulting in apparent failures to satisfy the out-of-band limits even if the device is actually compliant. In such cases, compliance may be demonstrated by performing radiated tests around the frequencies at which the apparent failures occurred.		

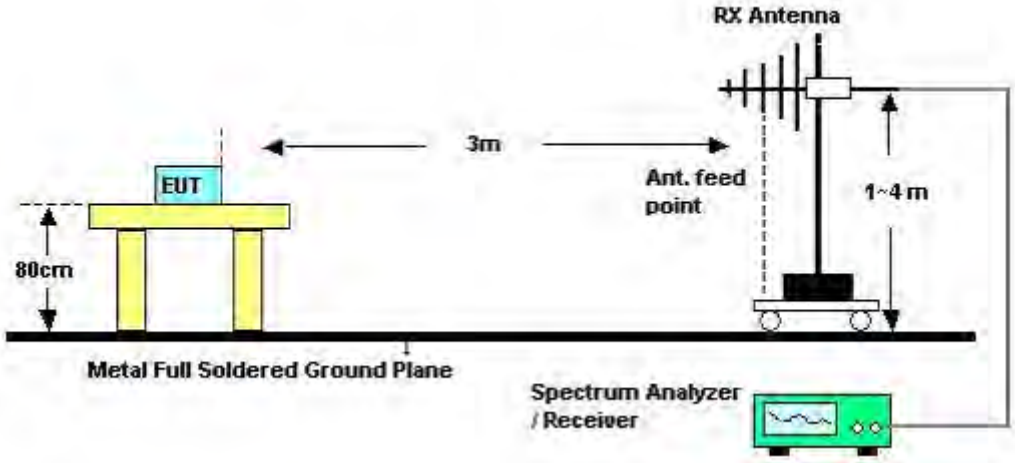
3.6.4 Test Setup

Radiated - Emissions in Restricted Frequency Bands

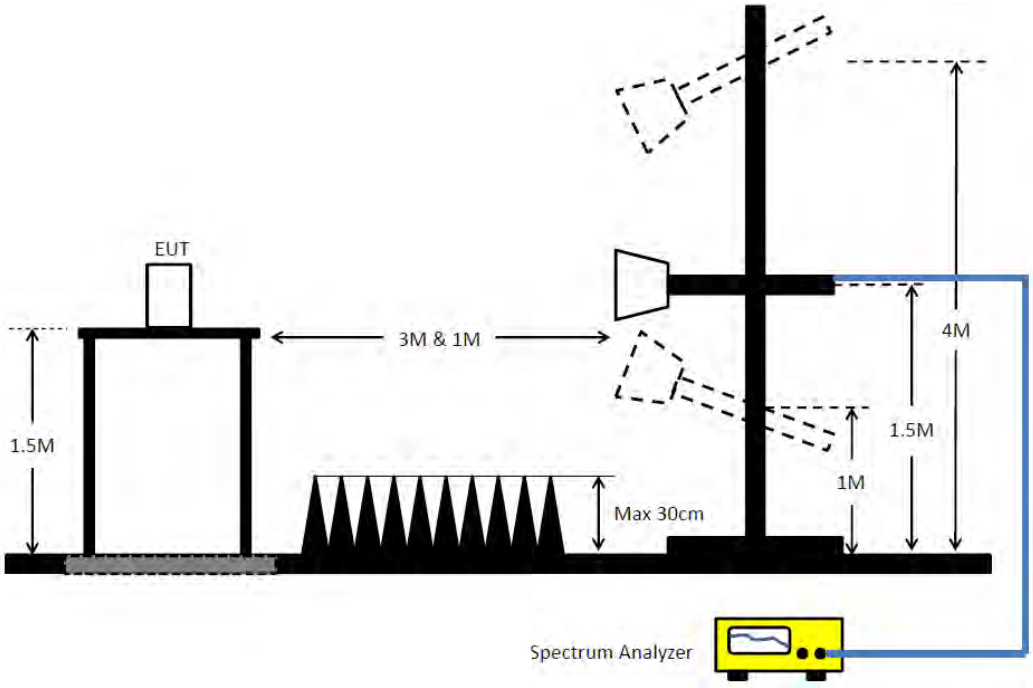
9kHz ~30MHz



30MHz~1GHz



Above 1GHz



3.6.5 Measurement Results Calculation

The measured Level is calculated using:
Corrected Reading: Antenna factor (AF) + Cable loss (CL) + Read level (Raw) - Preamp factor (PA)(if applicable) = Level.

3.6.6 Emissions in Restricted Frequency Bands (Below 30MHz)

There is a comparison data of both open-field test site and alternative test site - semi-Anechoic chamber according to KDB414788 Radiated Test Site, and the result came out very similar.
All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.
The radiated emissions were investigated from 9 kHz or the lowest frequency generated within the device, up to the 10th harmonic or 40 GHz, whichever is appropriate.

3.6.7 Test Result of Emissions in Restricted Frequency Bands

Refer as Appendix F

4 Test Equipment and Calibration Data

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
EMI Receiver	Agilent	N9038A	My52260123	9kHz ~ 8.4GHz	Mar. 03, 2021	Mar. 02, 2022	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50-16-2	04083	150kHz ~ 100MHz	Jan. 06, 2021	Jan. 05, 2022	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	Mar. 07, 2021	Mar. 06, 2022	Conduction (CO01-CB)
Pulse Limiter	Rohde&Schwarz	ESH3-Z2	100430	9kHz ~ 30MHz	Jan. 30, 2021	Jan. 29, 2022	Conduction (CO01-CB)
COND Cable	Woken	Cable	Low cable-CO01	9kHz ~ 30MHz	May 19, 2021	May 18, 2022	Conduction (CO01-CB)
Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conduction (CO01-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	Apr. 14, 2021	Apr. 13, 2022	Radiation (03CH03-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH03-CB	30 MHz ~ 1 GHz	Jan. 27, 2021	Jan. 26, 2022	Radiation (03CH03-CB)
Bilog Antenna with 6 dB attenuator	Schaffner & EMCI	CBL6112B & N-6-06	2928 & AT-N0608	20MHz ~ 2GHz	Feb. 22, 2021	Feb. 21, 2022	Radiation (03CH03-CB)
Pre-Amplifier	Agilent	8447D	2944A10259	9kHz ~ 1.3GHz	Jan. 11, 2021	Jan. 10, 2022	Radiation (03CH03-CB)
Spectrum Analyzer	R&S	FSP40	100019	9kHz ~ 40GHz	Jun. 04, 2021	Jun. 03, 2022	Radiation (03CH03-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	Jun. 21, 2021	Jun. 20, 2022	Radiation (03CH03-CB)
RF Cable-low	Woken	RG402	Low Cable-02+29	30MHz ~ 1GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH03-CB)
RF Cable-low	Woken	RG402	Low Cable-02+29	30MHz ~ 1GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH03-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH03-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	Apr. 14, 2021	Apr. 13, 2022	Radiation (03CH05-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH05-CB	30 MHz ~ 1 GHz	Aug. 09, 2021	Aug. 08, 2022	Radiation (03CH05-CB)
Bilog Antenna with 6dB Attenuator	TESEQ & EMCI	CBL 6112D & N-6-06	35236 & AT-N0610	30MHz ~ 2GHz	Mar. 26, 2021	Mar. 25, 2022	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC330N	980331	20MHz ~ 3GHz	Apr. 27, 2021	Apr. 26, 2022	Radiation (03CH05-CB)
Signal Analyzer	R&S	FSV40	101903	9kHz ~ 40GHz	Mar. 22, 2021	Mar. 21, 2022	Radiation (03CH05-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	Jun. 21, 2021	Jun. 20, 2022	Radiation (03CH05-CB)
RF Cable-low	Woken	RG402	Low Cable-04+23	30MHz~1GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH05-CB)
RF Cable-low	Woken	RG402	Low Cable-04+23	30MHz~1GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH05-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH05-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH06-CB	1GHz ~18GHz 3m	Oct. 01, 2021	Sep. 30, 2022	Radiation (03CH06-CB)
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA 9120D-1292	1GHz~18GHz	Aug. 04, 2021	Aug. 03, 2022	Radiation (03CH06-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Aug. 05, 2021	Aug. 04, 2022	Radiation (03CH06-CB)
Pre-Amplifier	Agilent	83017A	MY53270064	0.5GHz ~ 26.5GHz	May 06, 2021	May 05, 2022	Radiation (03CH06-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 13, 2021	Jul. 12, 2022	Radiation (03CH06-CB)
Spectrum analyzer	R&S	FSP40	100080	9kHz~40GHz	Dec. 15, 2020	Dec. 14, 2021	Radiation (03CH06-CB)
RF Cable-high	Woken	RG402	High Cable-05	1GHz~18GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH06-CB)
RF Cable-high	Woken	RG402	High Cable-05	1GHz~18GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH06-CB)
RF Cable-high	Woken	RG402	High Cable-05+24	1GHz~18GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH06-CB)
RF Cable-high	Woken	RG402	High Cable-05+24	1GHz~18GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH06-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 15, 2021	Jul. 14, 2022	Radiation (03CH06-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 15, 2021	Jul. 14, 2022	Radiation (03CH06-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH06-CB)
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	May 21, 2021	May 20, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-06	1 GHz – 26.5 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-07	1 GHz –26.5 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH01-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	High Cable-08	1 GHz –26.5 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-09	1 GHz –26.5 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz –26.5 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-30	1 GHz –26.5 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH01-CB)
Power Sensor	Agilent	E9327A	US40442088	50MHz~18GHz	Feb. 23, 2021	Feb. 22, 2022	Conducted (TH01-CB)
Power Meter	Agilent	E4416A	GB41291199	50MHz~18GHz	Feb. 23, 2021	Feb. 22, 2022	Conducted (TH01-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH01-CB)

Note: Calibration Interval of instruments listed above is one year.

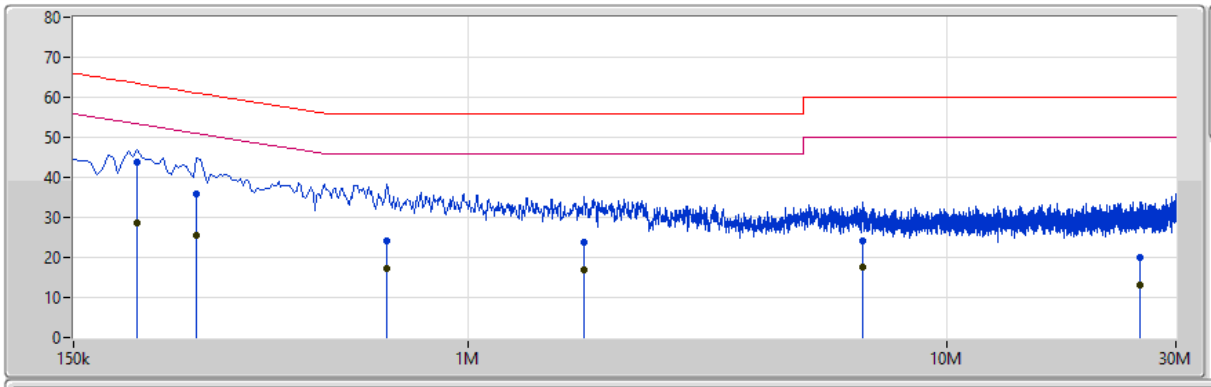
NCR means Non-Calibration required.

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 3	Pass	QP	150k	52.95	66.00	-13.05	Neutral

Mode 3

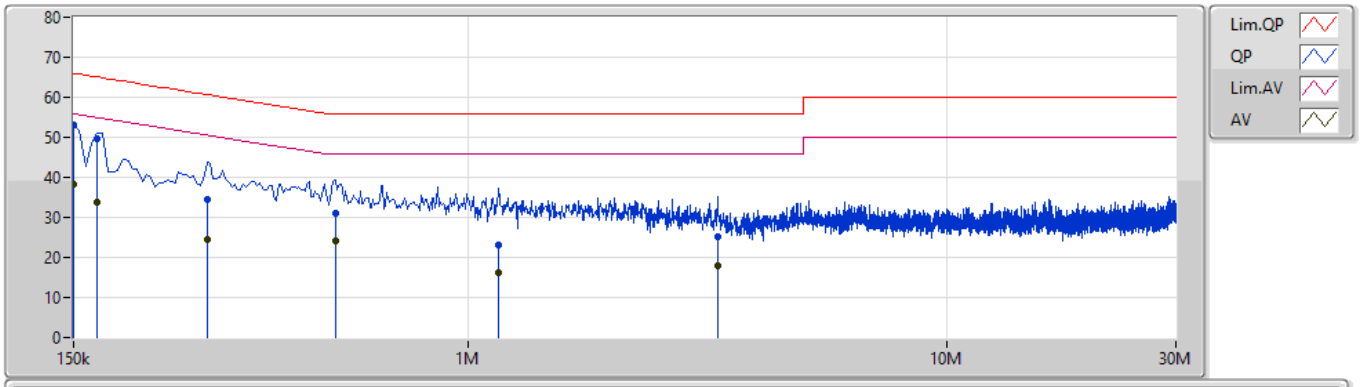
29/11/2021



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	204k	43.91	63.44	-19.53	9.89	Line	"Worst"	34.02	0.04	0.04	9.81
AV	204k	28.52	53.44	-24.92	9.89	Line	-	18.63	0.04	0.04	9.81
QP	271.5k	35.97	61.07	-25.10	9.89	Line	-	26.08	0.04	0.04	9.81
AV	271.5k	25.55	51.07	-25.52	9.89	Line	-	15.66	0.04	0.04	9.81
QP	676.5k	24.08	56.00	-31.92	9.92	Line	-	14.16	0.05	0.04	9.83
AV	676.5k	17.15	46.00	-28.85	9.92	Line	-	7.23	0.05	0.04	9.83
QP	1.748M	23.83	56.00	-32.17	9.96	Line	-	13.87	0.08	0.06	9.82
AV	1.748M	16.83	46.00	-29.17	9.96	Line	-	6.87	0.08	0.06	9.82
QP	6.666M	24.31	60.00	-35.69	10.21	Line	-	14.10	0.18	0.14	9.89
AV	6.666M	17.49	50.00	-32.51	10.21	Line	-	7.28	0.18	0.14	9.89
QP	25.323M	19.94	60.00	-40.06	10.65	Line	-	9.29	0.36	0.28	10.01
AV	25.323M	13.18	50.00	-36.82	10.65	Line	-	2.53	0.36	0.28	10.01

Mode 3

29/11/2021



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	150k	52.95	66.00	-13.05	9.88	Neutral	"Worst"	43.07	0.03	0.04	9.81
AV	150k	38.19	56.00	-17.81	9.88	Neutral	-	28.31	0.03	0.04	9.81
QP	168k	49.63	65.06	-15.43	9.88	Neutral	-	39.75	0.03	0.04	9.81
AV	168k	33.85	55.06	-21.21	9.88	Neutral	-	23.97	0.03	0.04	9.81
QP	285k	34.59	60.67	-26.08	9.89	Neutral	-	24.70	0.03	0.04	9.82
AV	285k	24.59	50.67	-26.08	9.89	Neutral	-	14.70	0.03	0.04	9.82
QP	528k	31.09	56.00	-24.91	9.90	Neutral	-	21.19	0.04	0.04	9.82
AV	528k	24.04	46.00	-21.96	9.90	Neutral	-	14.14	0.04	0.04	9.82
QP	1.158M	23.20	56.00	-32.80	9.93	Neutral	-	13.27	0.05	0.05	9.83
AV	1.158M	16.19	46.00	-29.81	9.93	Neutral	-	6.26	0.05	0.05	9.83
QP	3.314M	25.21	56.00	-30.79	10.06	Neutral	-	15.15	0.09	0.11	9.86
AV	3.314M	17.90	46.00	-28.10	10.06	Neutral	-	7.84	0.09	0.11	9.86

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	9.025M	12.044M	12M0G1D	8.525M	11.994M
802.11g_Nss1,(6Mbps)_1TX	16.325M	16.942M	16M9D1D	16.3M	16.767M
802.11n HT20_Nss1,(MCS0)_1TX	17.6M	17.966M	18M0D1D	17.55M	17.891M

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

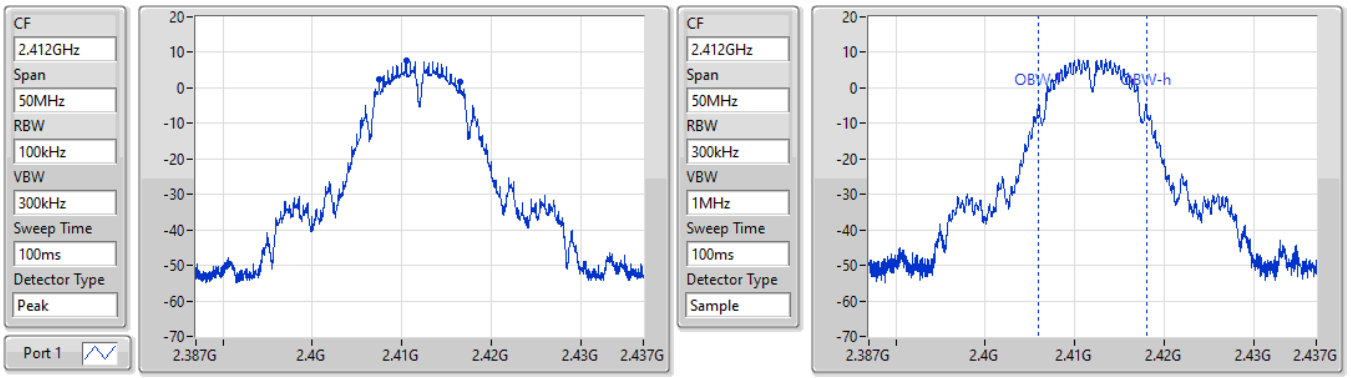
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-
2412MHz	Pass	500k	9.025M	12.044M
2437MHz	Pass	500k	8.525M	12.044M
2462MHz	Pass	500k	9.025M	11.994M
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-
2412MHz	Pass	500k	16.325M	16.767M
2437MHz	Pass	500k	16.3M	16.942M
2462MHz	Pass	500k	16.325M	16.792M
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-
2412MHz	Pass	500k	17.575M	17.891M
2437MHz	Pass	500k	17.55M	17.966M
2462MHz	Pass	500k	17.6M	17.891M

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

802.11b_Nss1,(1Mbps)_1TX EBW

2412MHz

18/09/2021

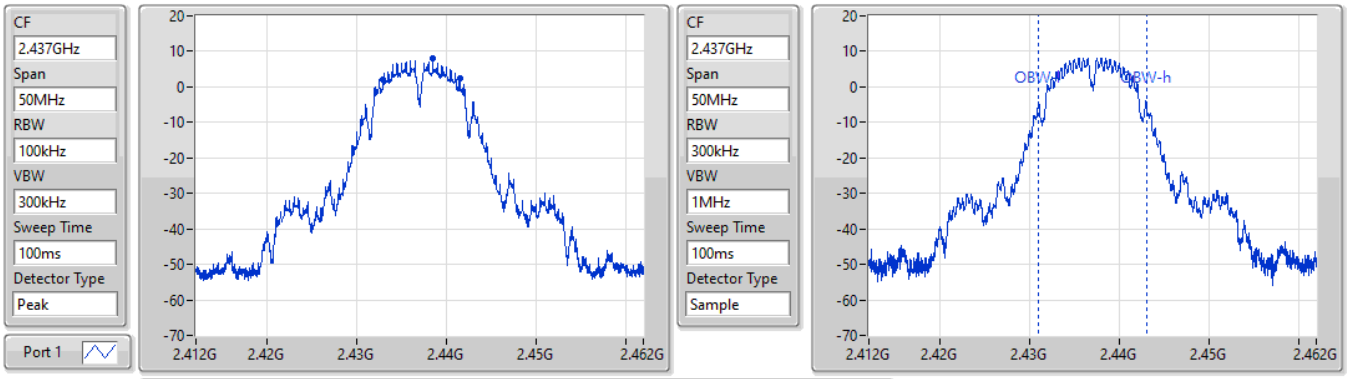


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
9.025M	2.407475G	2.4165G	12.044M	2.405953G	2.417997G	500k	1

802.11b_Nss1,(1Mbps)_1TX EBW

2437MHz

18/09/2021

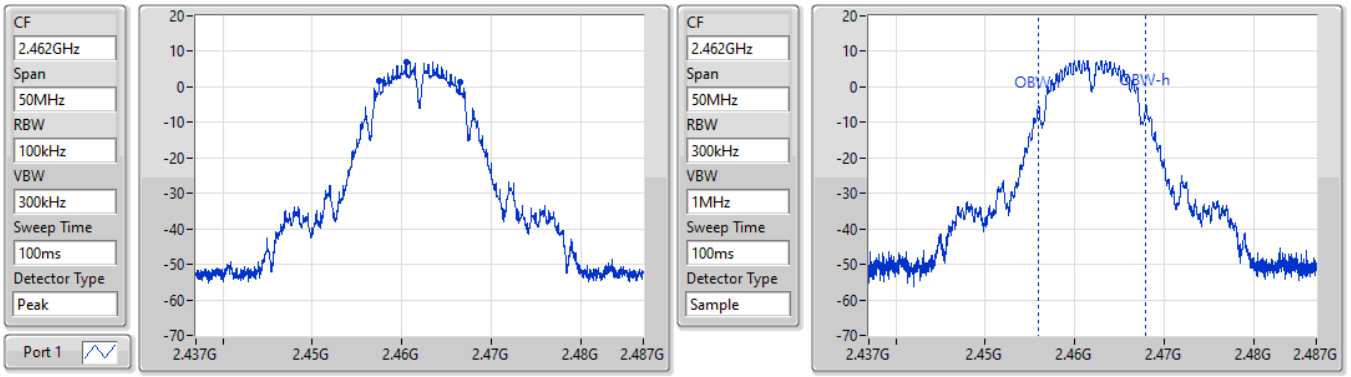


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8.525M	2.43295G	2.441475G	12.044M	2.430978G	2.443022G	500k	1

802.11b_Nss1,(1Mbps)_1TX EBW

2462MHz

18/09/2021

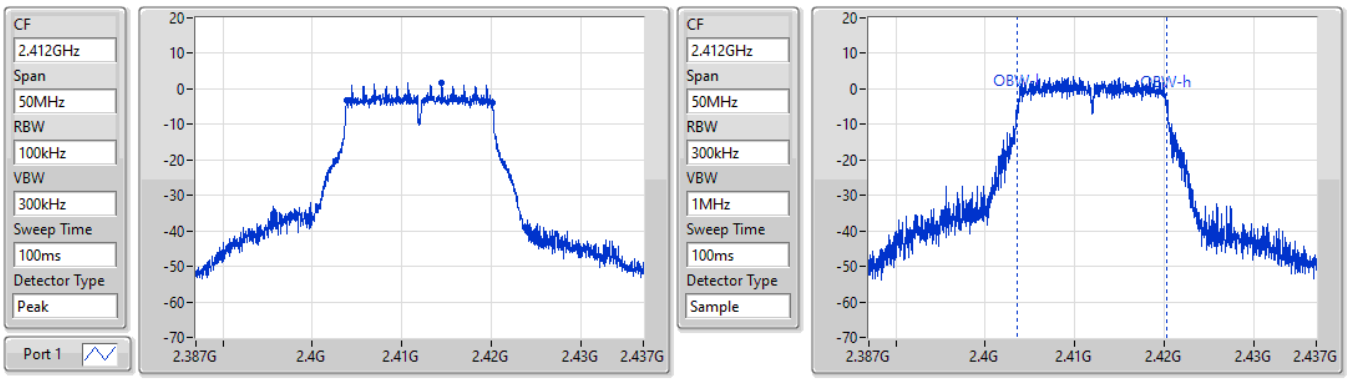


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
9.025M	2.457475G	2.4665G	11.994M	2.455978G	2.467972G	500k	1

802.11g_Nss1,(6Mbps)_1TX EBW

2412MHz

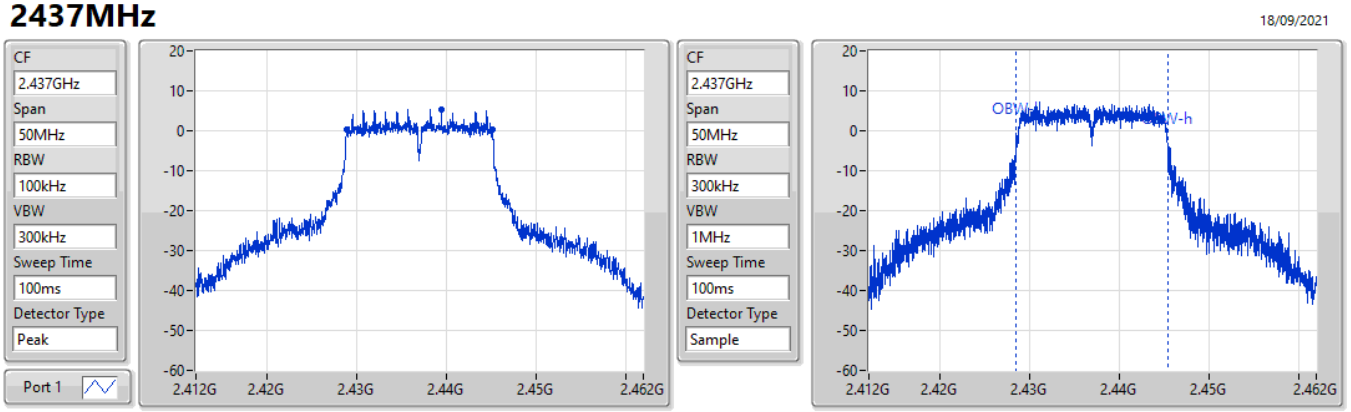
18/09/2021



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.325M	2.403825G	2.42015G	16.767M	2.403579G	2.420346G	500k	1

802.11g_Nss1,(6Mbps)_1TX EBW

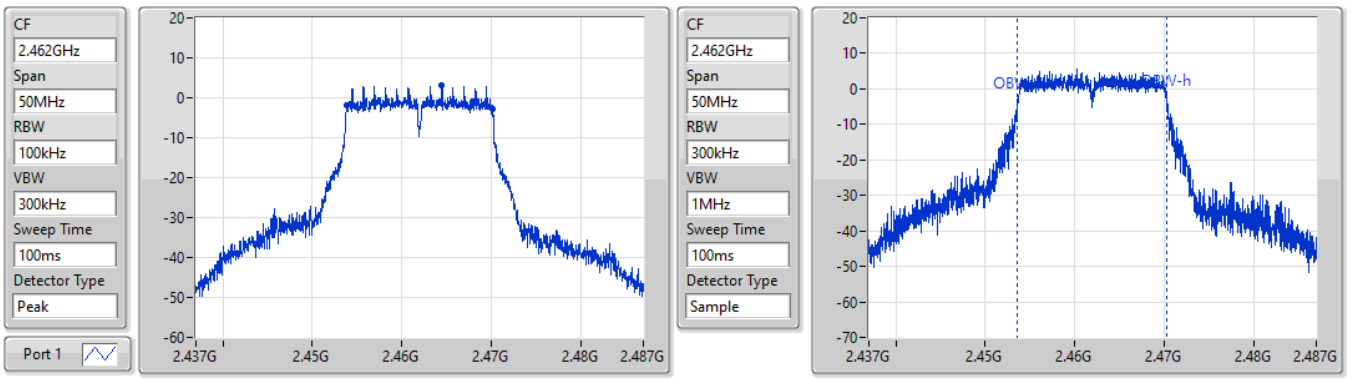
2437MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.3M	2.428825G	2.445125G	16.942M	2.428479G	2.445421G	500k	1

802.11g_Nss1,(6Mbps)_1TX EBW

2462MHz

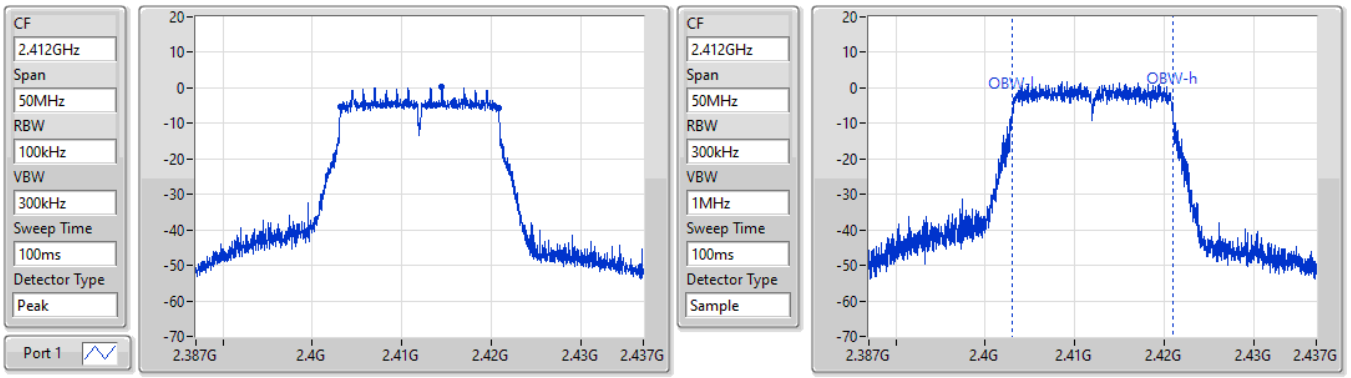


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.325M	2.453825G	2.47015G	16.792M	2.453554G	2.470346G	500k	1

802.11n HT20_Nss1,(MCS0)_1TX EBW

2412MHz

18/09/2021

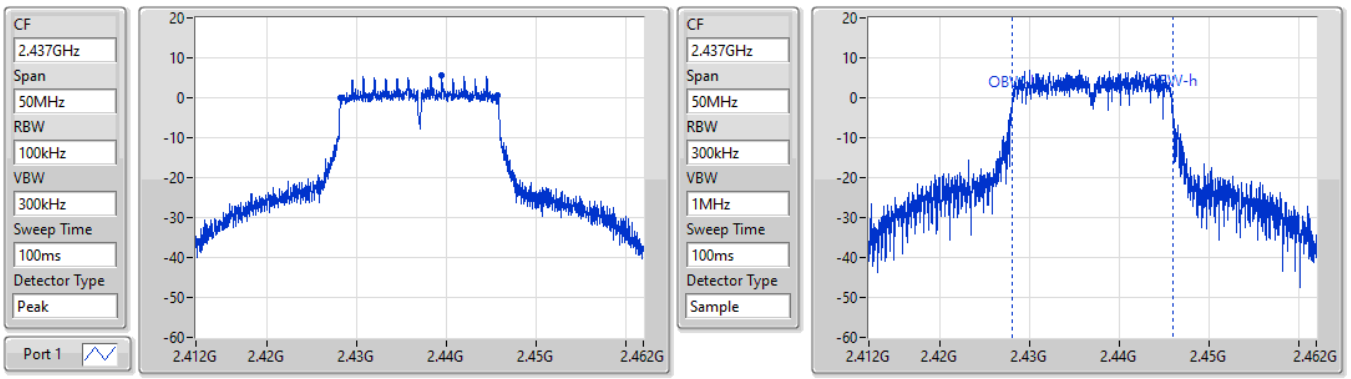


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.575M	2.4032G	2.420775G	17.891M	2.403029G	2.420921G	500k	1

802.11n HT20_Nss1,(MCS0)_1TX EBW

2437MHz

18/09/2021

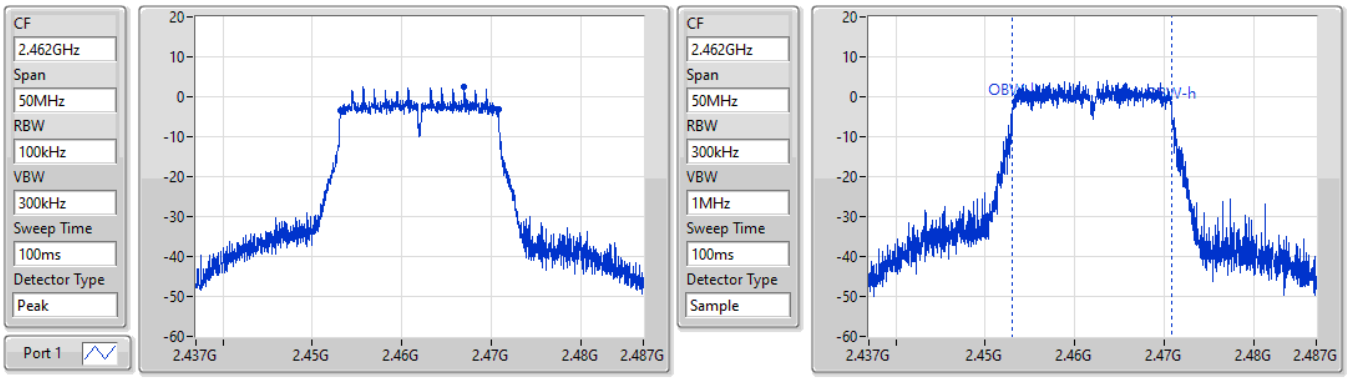


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.55M	2.4282G	2.44575G	17.966M	2.427955G	2.445921G	500k	1

802.11n HT20_Nss1,(MCS0)_1TX **EBW**

2462MHz

18/09/2021



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.6M	2.453175G	2.470775G	17.891M	2.453004G	2.470896G	500k	1

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_1TX	17.09	0.05117
802.11g_Nss1,(6Mbps)_1TX	17.19	0.05236
802.11n HT20_Nss1,(MCS0)_1TX	17.22	0.05272

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	4.20	16.76	16.76	30.00
2437MHz	Pass	4.20	17.09	17.09	30.00
2462MHz	Pass	4.20	16.27	16.27	30.00
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	4.20	13.43	13.43	30.00
2417MHz	Pass	4.20	16.78	16.78	30.00
2437MHz	Pass	4.20	17.19	17.19	30.00
2462MHz	Pass	4.20	14.14	14.14	30.00
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz	Pass	4.20	12.09	12.09	30.00
2417MHz	Pass	4.20	16.14	16.14	30.00
2437MHz	Pass	4.20	17.22	17.22	30.00
2457MHz	Pass	4.20	16.58	16.58	30.00
2462MHz	Pass	4.20	12.85	12.85	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	-5.85
802.11g_Nss1,(6Mbps)_1TX	-9.36
802.11n HT20_Nss1,(MCS0)_1TX	-8.96

RBW = 3kHz;

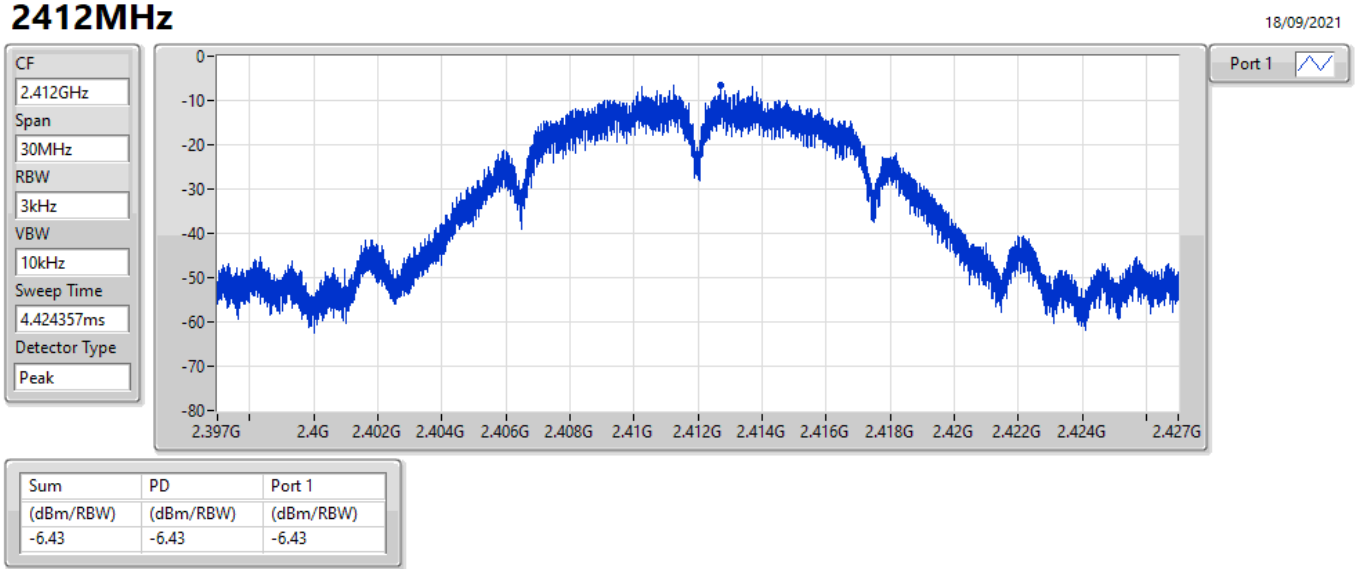
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	4.20	-6.43	-6.43	8.00
2437MHz	Pass	4.20	-5.85	-5.85	8.00
2462MHz	Pass	4.20	-7.64	-7.64	8.00
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	4.20	-12.68	-12.68	8.00
2437MHz	Pass	4.20	-9.36	-9.36	8.00
2462MHz	Pass	4.20	-11.52	-11.52	8.00
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz	Pass	4.20	-14.75	-14.75	8.00
2437MHz	Pass	4.20	-8.96	-8.96	8.00
2462MHz	Pass	4.20	-11.67	-11.67	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

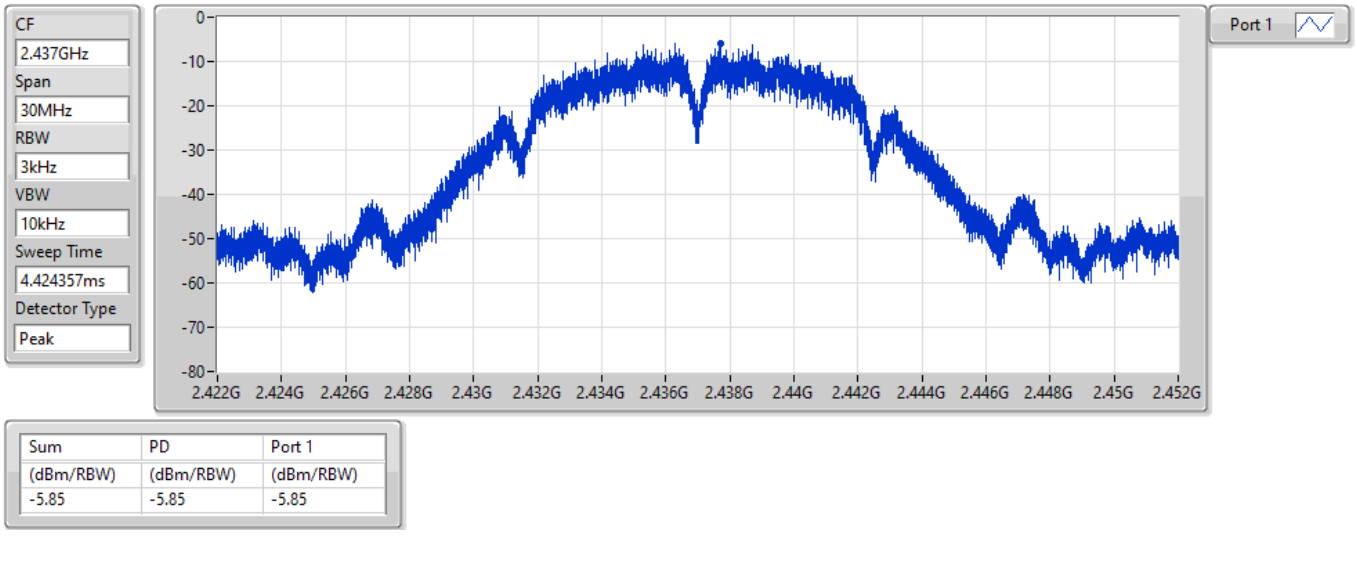
2412MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.43	-6.43	-6.43

802.11b_Nss1,(1Mbps)_1TX PSD

2437MHz

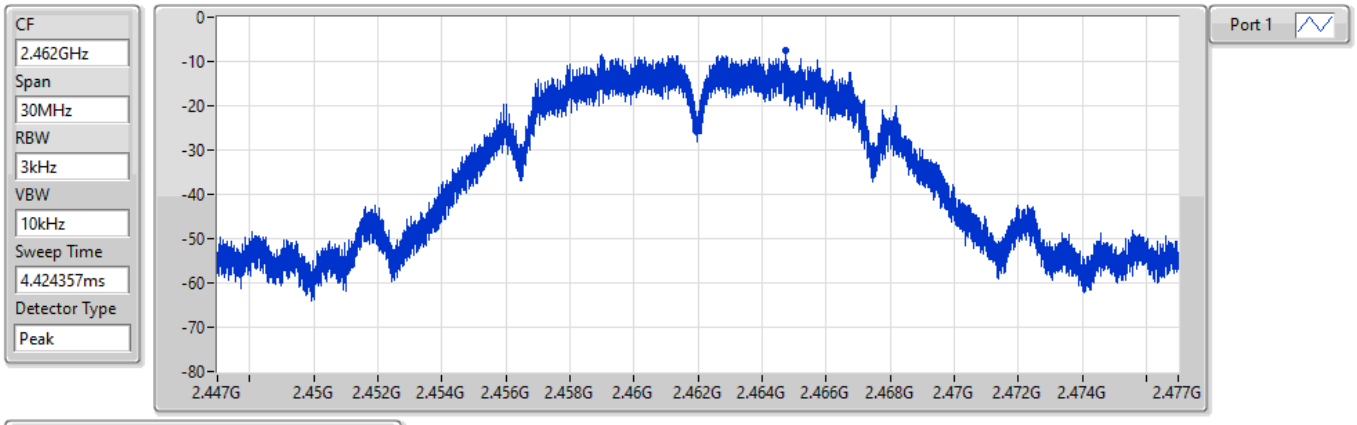


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.85	-5.85	-5.85

802.11b_Nss1,(1Mbps)_1TX PSD

2462MHz

18/09/2021

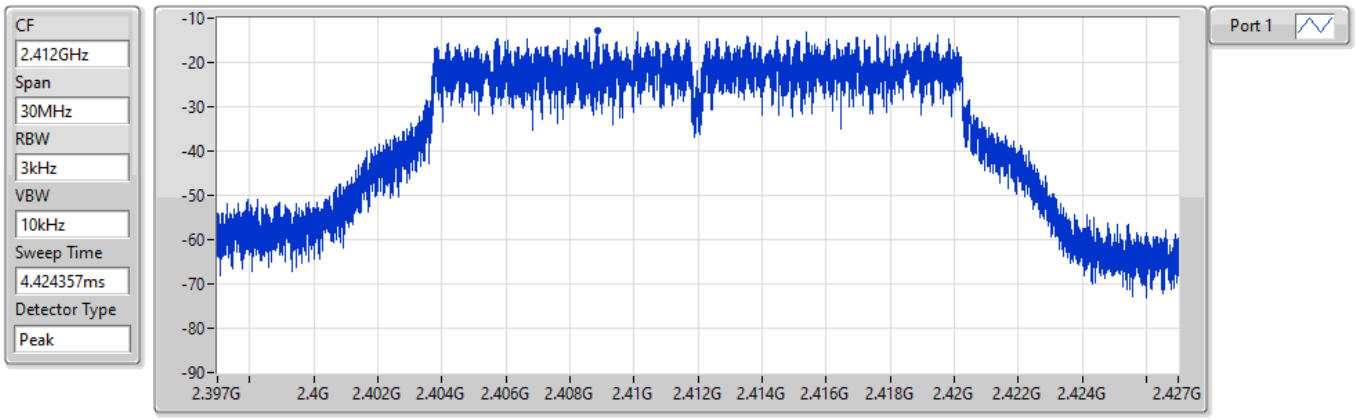


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.64	-7.64	-7.64

802.11g_Nss1,(6Mbps)_1TX PSD

2412MHz

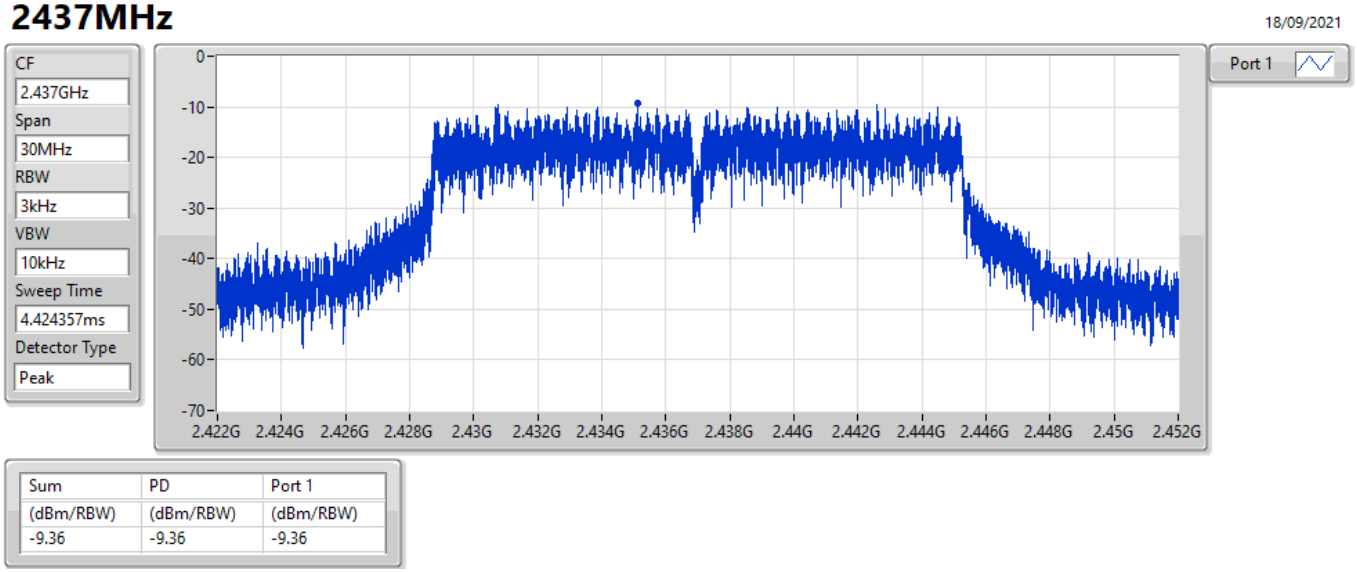
18/09/2021



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-12.68	-12.68	-12.68

802.11g_Nss1,(6Mbps)_1TX PSD

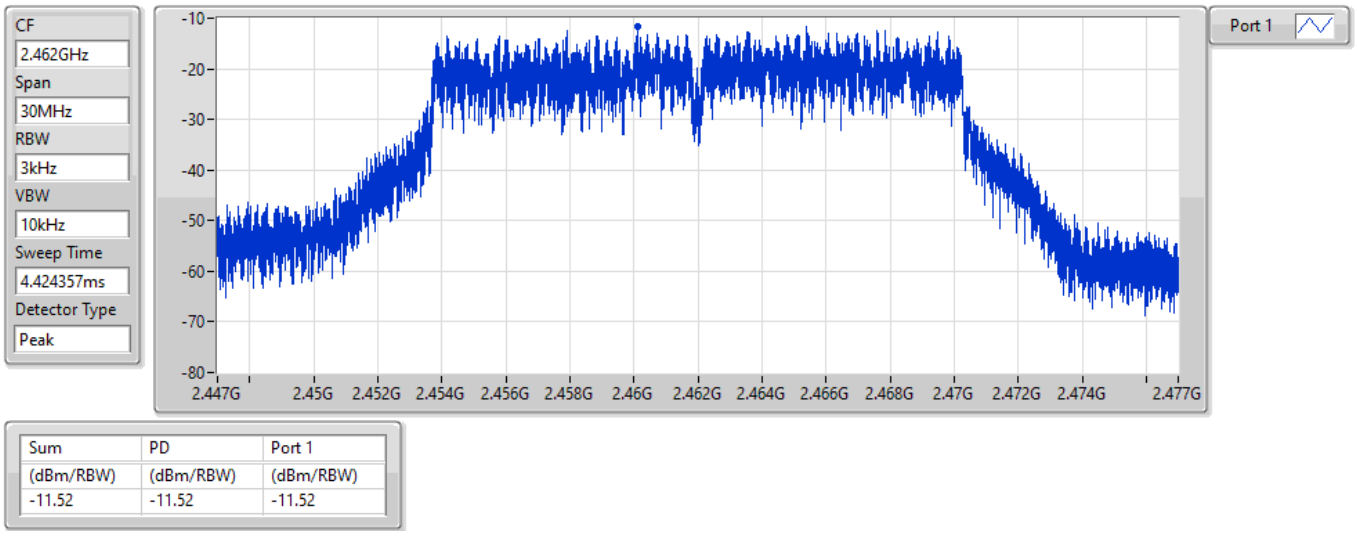
2437MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.36	-9.36	-9.36

802.11g_Nss1,(6Mbps)_1TX PSD

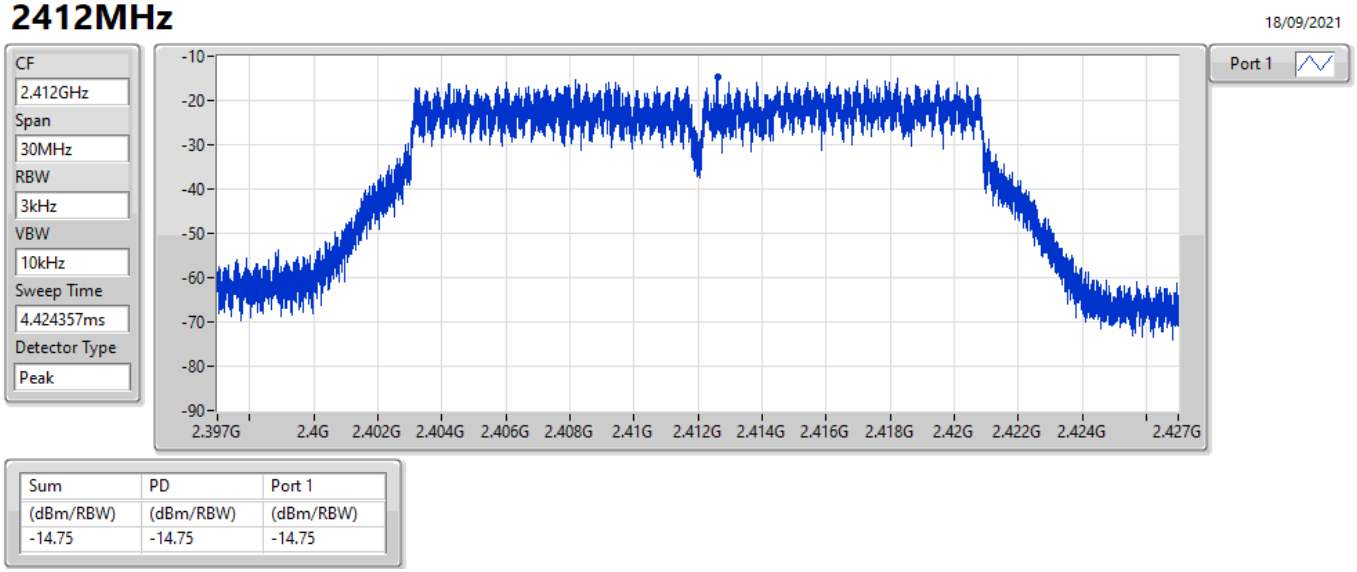
2462MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-11.52	-11.52	-11.52

802.11n HT20_Nss1,(MCS0)_1TX PSD

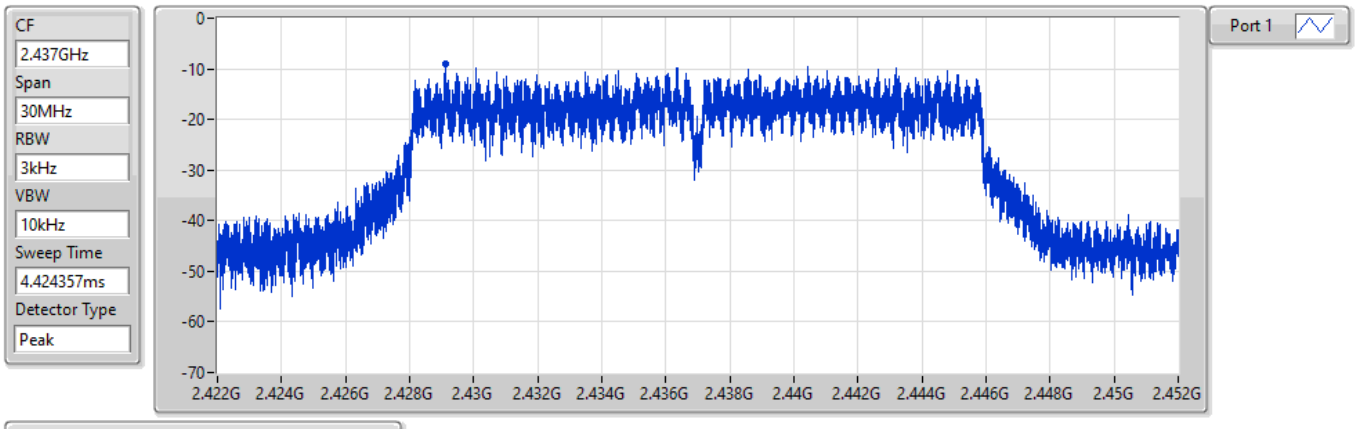
2412MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-14.75	-14.75	-14.75

802.11n HT20_Nss1,(MCS0)_1TX PSD

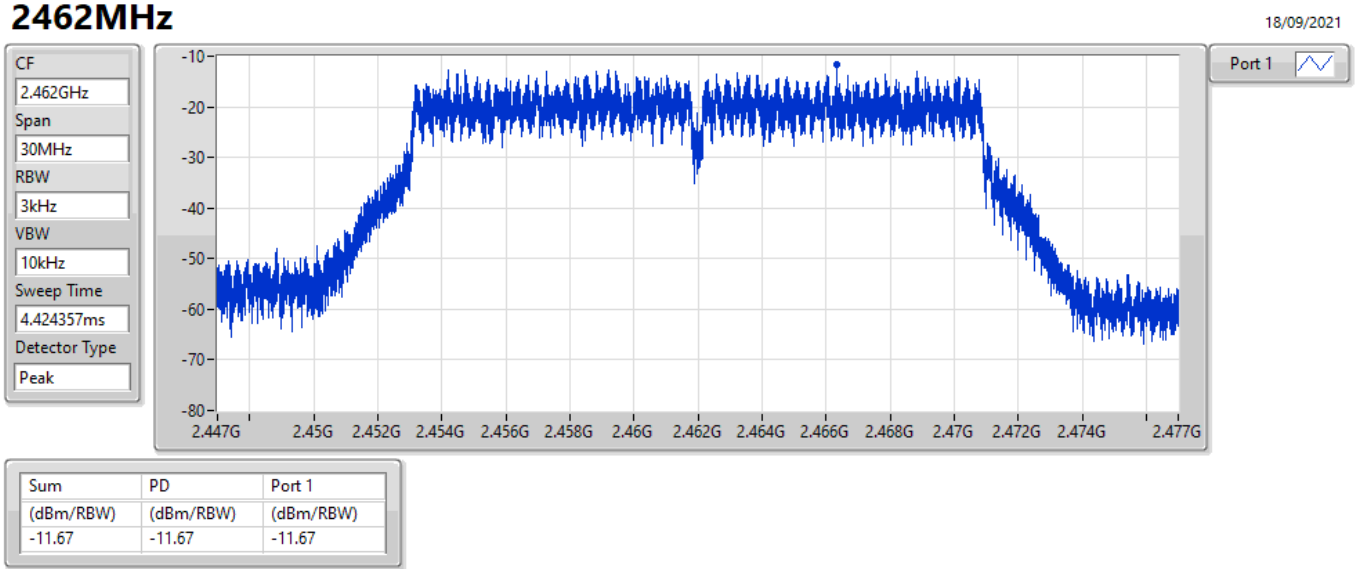
2437MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.96	-8.96	-8.96

802.11n HT20_Nss1,(MCS0)_1TX PSD

2462MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-11.67	-11.67	-11.67

Summary

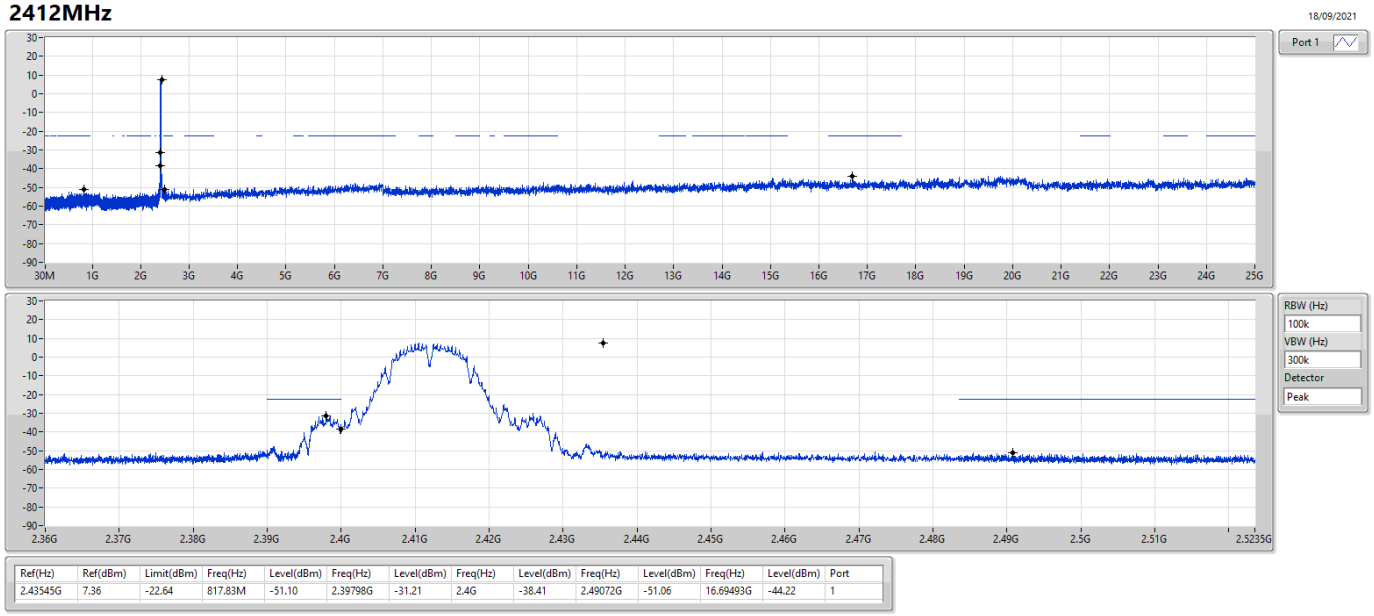
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX	Pass	2.43545G	7.36	-22.64	817.83M	-51.10	2.39798G	-31.21	2.4G	-38.41	2.49072G	-51.06	16.69493G	-44.22	1
802.11g_Nss1,(6Mbps)_1TX	Pass	2.442G	5.26	-24.74	623.57M	-51.96	2.39978G	-31.32	2.4G	-36.73	2.49244G	-50.89	21.71843G	-44.43	1
802.11n HT20_Nss1,(MCS0)_1TX	Pass	2.4395G	5.60	-24.40	945.98M	-52.36	2.39906G	-34.54	2.4G	-39.06	2.48386G	-50.95	24.86795G	-45.00	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	2.43545G	7.36	-22.64	817.83M	-51.10	2.39798G	-31.21	2.4G	-38.41	2.49072G	-51.06	16.69493G	-44.22	1
2437MHz	Pass	2.43545G	7.36	-22.64	907.54M	-51.82	2.39662G	-52.10	2.4835G	-53.96	2.49086G	-50.40	15.04572G	-44.63	1
2462MHz	Pass	2.43545G	7.36	-22.64	929.38M	-52.71	2.39588G	-51.82	2.4835G	-51.43	2.48512G	-50.21	23.22155G	-43.98	1
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.442G	5.26	-24.74	623.57M	-51.96	2.39978G	-31.32	2.4G	-36.73	2.49244G	-50.89	21.71843G	-44.43	1
2437MHz	Pass	2.442G	5.26	-24.74	2.14884G	-52.27	2.3989G	-44.04	2.4G	-47.00	2.4838G	-49.50	24.47461G	-45.11	1
2462MHz	Pass	2.442G	5.26	-24.74	863.85M	-52.15	2.39266G	-52.62	2.4835G	-39.41	2.48354G	-38.72	17.68109G	-44.29	1
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.4395G	5.60	-24.40	945.98M	-52.36	2.39906G	-34.54	2.4G	-39.06	2.48386G	-50.95	24.86795G	-45.00	1
2437MHz	Pass	2.4395G	5.60	-24.40	859.77M	-52.84	2.39934G	-41.62	2.4G	-46.66	2.4851G	-48.74	15.03729G	-44.96	1
2462MHz	Pass	2.4395G	5.60	-24.40	879.58M	-53.26	2.3988G	-52.45	2.4835G	-44.64	2.48378G	-36.04	21.74372G	-45.16	1

802.11b_Nss1,(1Mbps)_1TX **CSENdB**

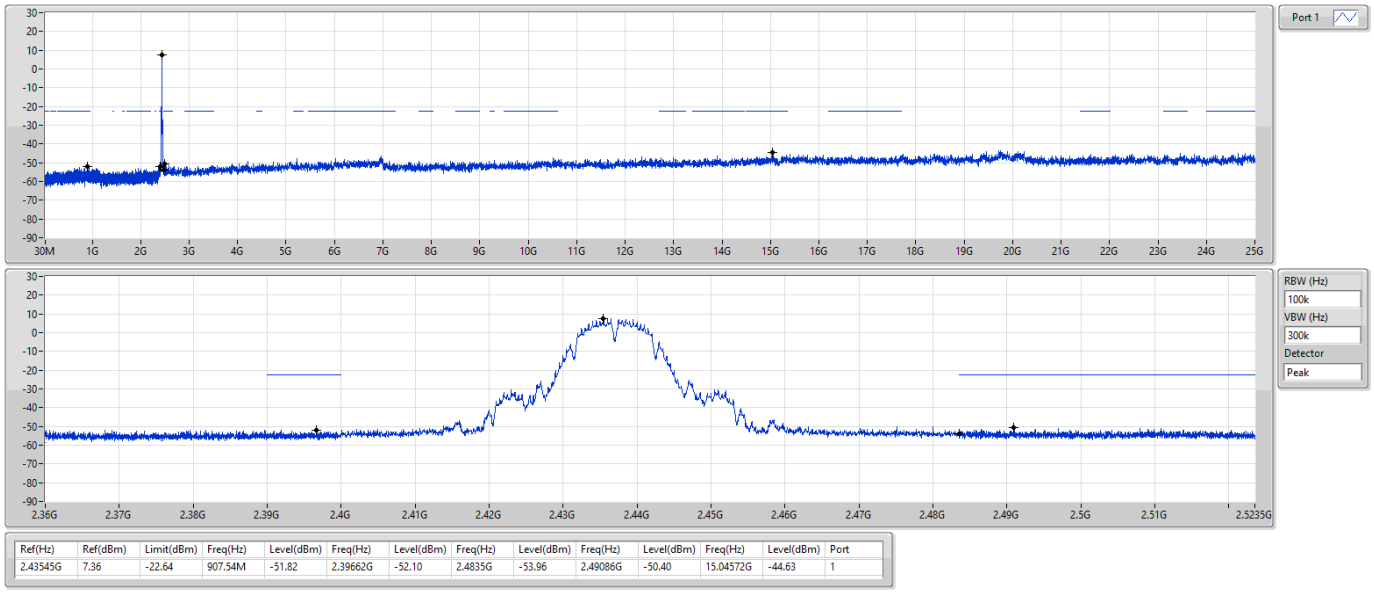
2412MHz



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
2.43545G	7.36	-22.64	817.83M	-51.10	2.39798G	-31.21	2.4G	-38.41	2.49072G	-51.06	16.69493G	-44.22	1

802.11b_Nss1,(1Mbps)_1TX **CSENdB**

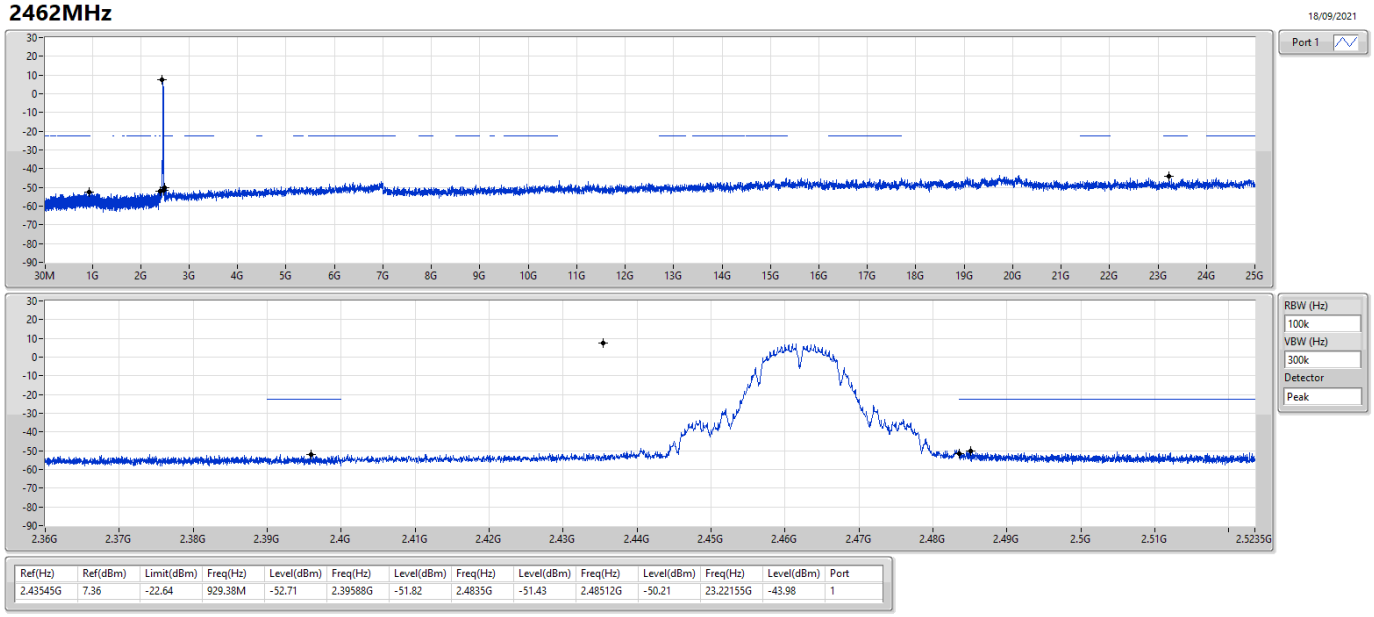
2437MHz



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
2.43545G	7.36	-22.64	907.54M	-51.82	2.39662G	-52.10	2.4835G	-53.96	2.49086G	-50.40	15.04572G	-44.63	1

802.11b_Nss1,(1Mbps)_1TX **CSENdB**

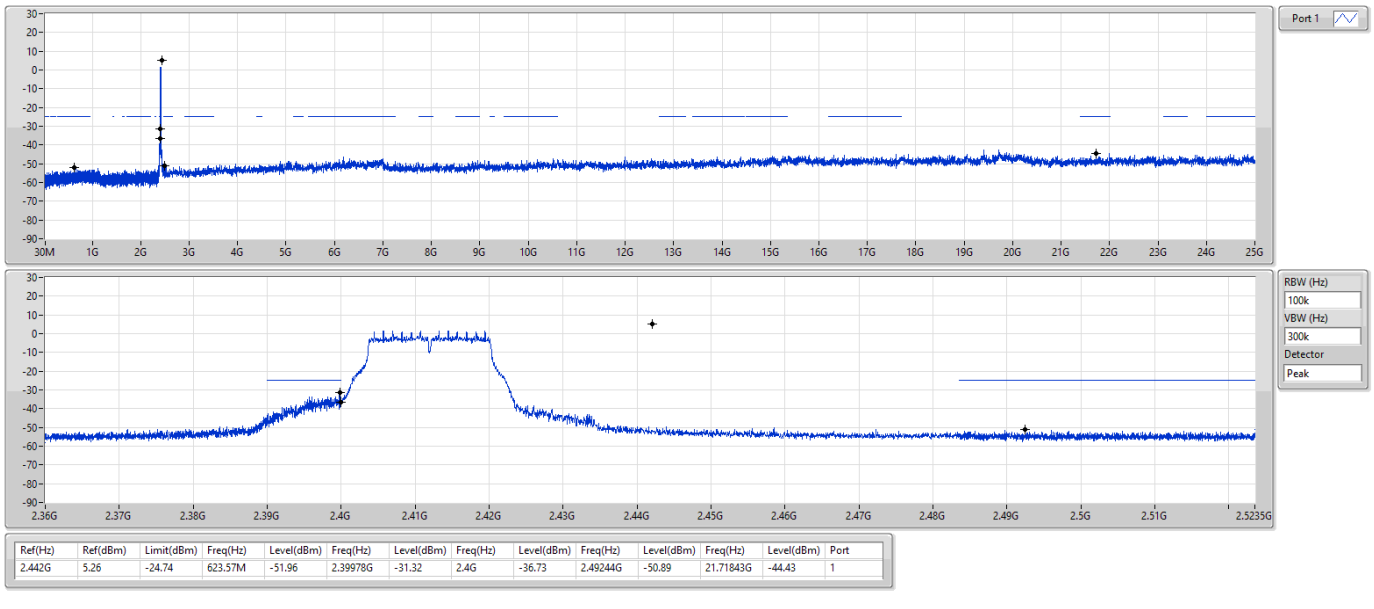
2462MHz



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
2.43545G	7.36	-22.64	929.38M	-52.71	2.39588G	-51.82	2.4835G	-51.43	2.48512G	-50.21	23.22155G	-43.98	1

802.11g_Nss1,(6Mbps)_1TX **CSENdB**

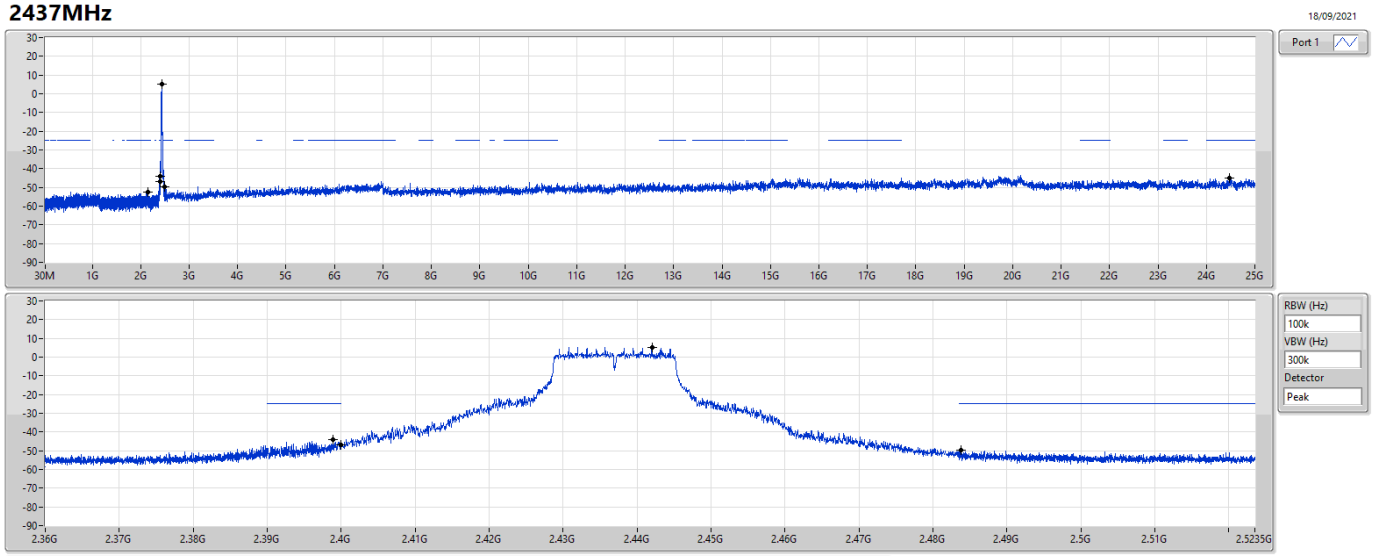
2412MHz



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
2.442G	5.26	-24.74	623.57M	-51.96	2.39978G	-31.32	2.4G	-36.73	2.49244G	-50.89	21.71843G	-44.43	1

802.11g_Nss1,(6Mbps)_1TX **CSENdB**

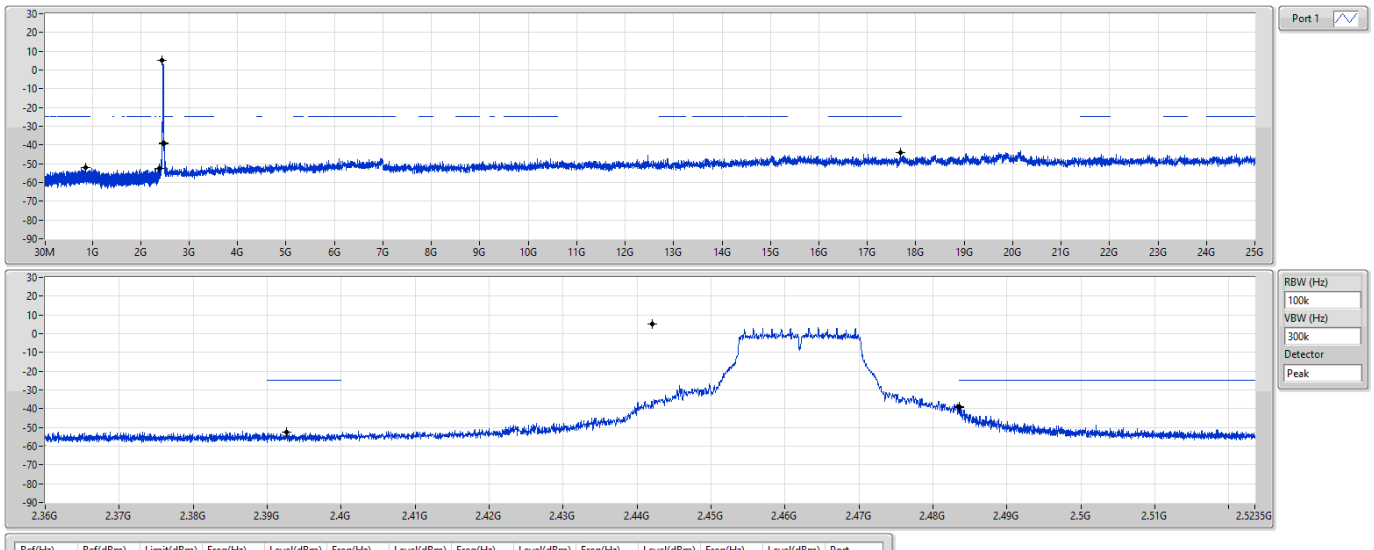
2437MHz



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
2.442G	5.26	-24.74	2.14884G	-52.27	2.3989G	-44.04	2.4G	-47.00	2.4838G	-49.50	24.47461G	-45.11	1

802.11g_Nss1,(6Mbps)_1TX **CSENdB**

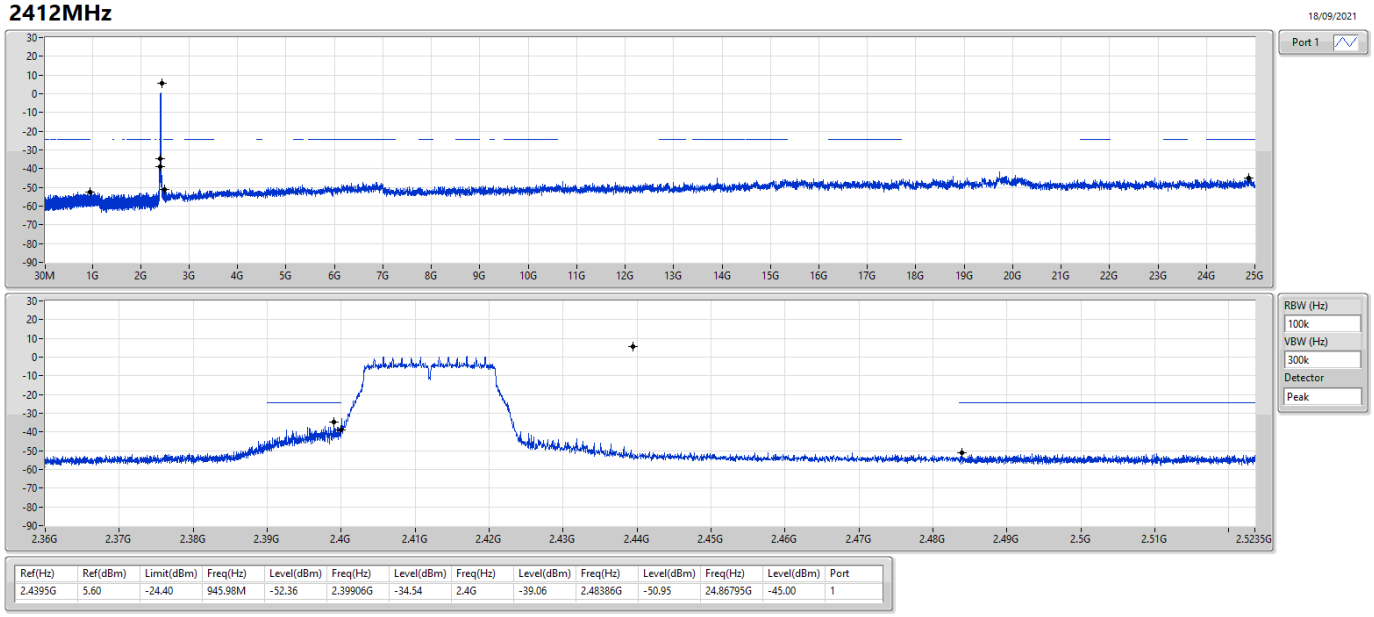
2462MHz



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
2.442G	5.26	-24.74	863.85M	-52.15	2.39266G	-52.62	2.4835G	-39.41	2.48354G	-38.72	17.68109G	-44.29	1

802.11n HT20_Nss1,(MCS0)_1TX **CSENdB**

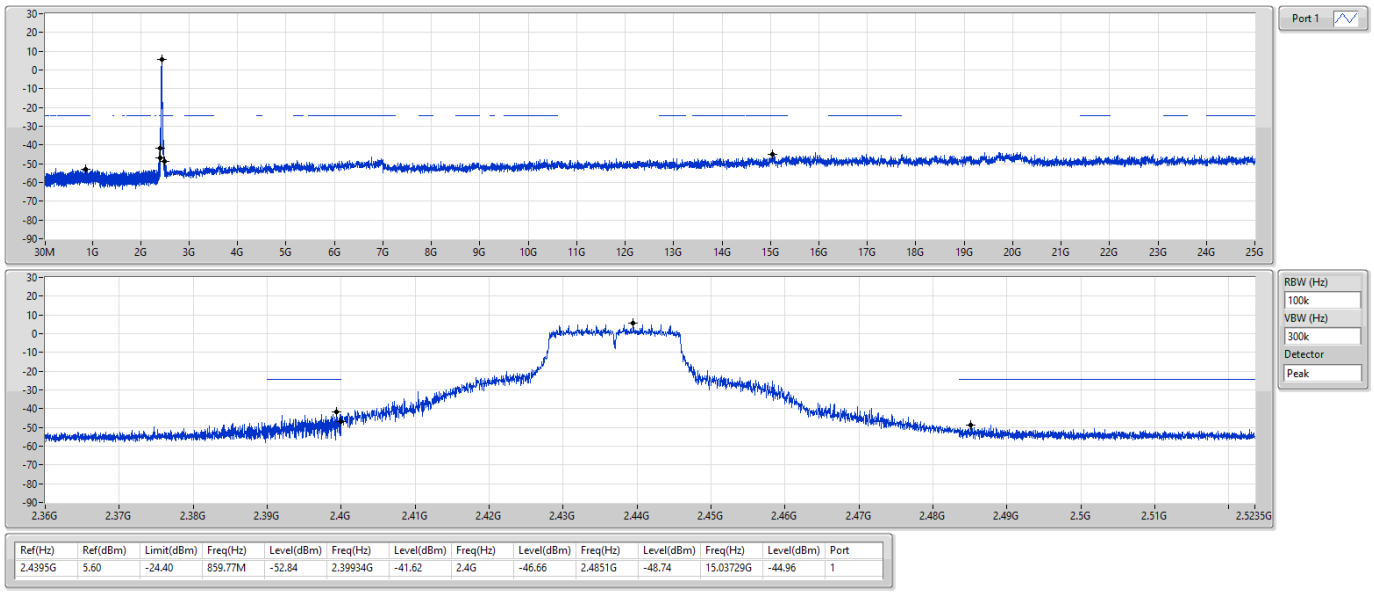
2412MHz



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
2.4395G	5.60	-24.40	945.98M	-52.36	2.39906G	-34.54	2.4G	-39.06	2.48386G	-50.95	24.86795G	-45.00	1

802.11n HT20_Nss1,(MCS0)_1TX **CSENdB**

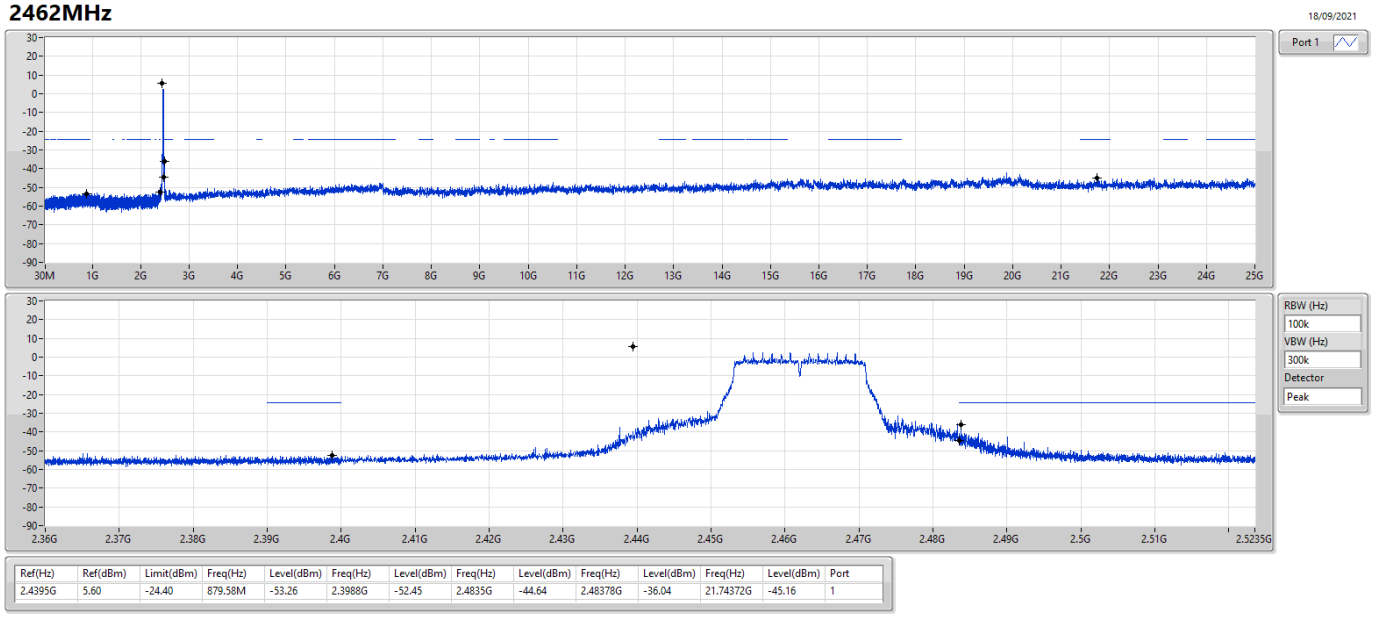
2437MHz



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
2.4395G	5.60	-24.40	859.77M	-52.84	2.39934G	-41.62	2.4G	-46.66	2.4851G	-48.74	15.03729G	-44.96	1

802.11n HT20_Nss1,(MCS0)_1TX **CSENdB**

2462MHz

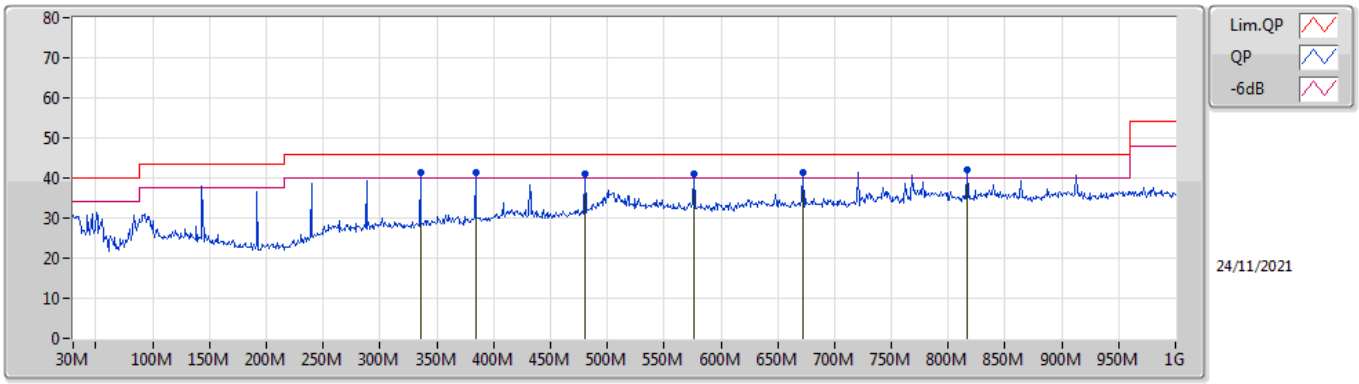


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.4395G	5.60	-24.40	879.58M	-53.26	2.3988G	-52.45	2.4835G	-44.64	2.48378G	-36.04	21.74372G	-45.16	1

Summary

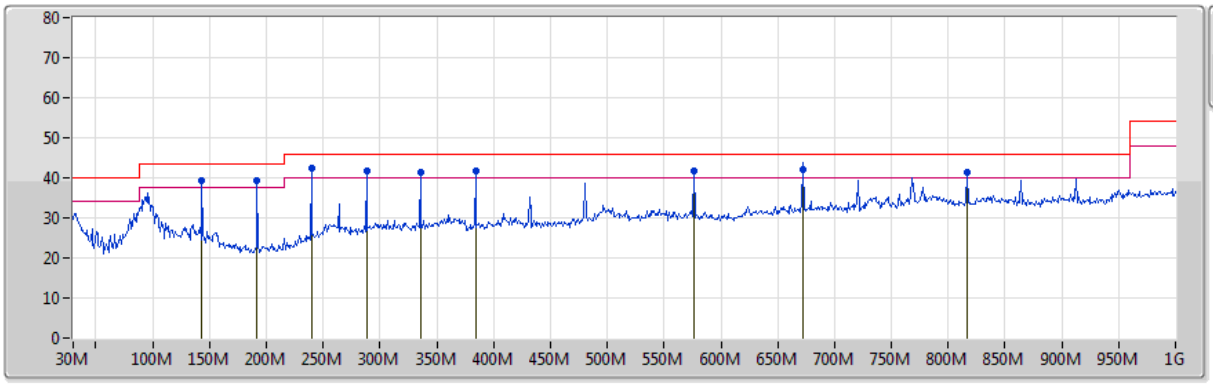
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	PK	240M	42.34	46.00	-3.66	Horizontal

Mode 1



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
PK	335.55M	41.49	46.00	-4.51	-6.07	3	Vertical	20	1.50	-	47.56	19.46	2.50	28.03
PK	384.05M	41.42	46.00	-4.58	-5.02	3	Vertical	321	1.50	-	46.44	20.74	2.70	28.46
PK	480.08M	41.13	46.00	-4.87	-3.41	3	Vertical	255	1.00	-	44.54	22.64	3.06	29.11
PK	576.11M	41.12	46.00	-4.88	-2.04	3	Vertical	68	1.00	-	43.16	24.11	3.20	29.35
PK	672.14M	41.49	46.00	-4.51	-1.34	3	Vertical	60	1.50	-	42.83	24.51	3.49	29.34
PK	816.67M	42.07	46.00	-3.93	-0.01	3	Vertical	143	1.25	"Worst"	42.08	25.20	3.80	29.01

Mode 1



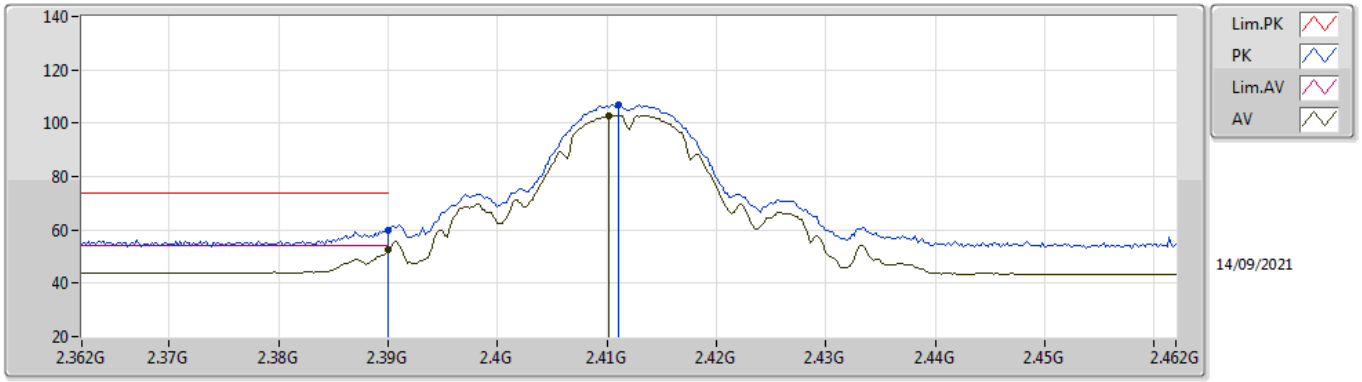
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
PK	143.49M	39.18	43.50	-4.32	-9.83	3	Horizontal	296	2.00	-	49.01	16.70	1.75	28.28
PK	191.99M	39.36	43.50	-4.14	-11.24	3	Horizontal	280	1.50	-	50.60	14.80	2.00	28.04
PK	240M	42.34	46.00	-3.66	-8.79	3	Horizontal	324	1.25	"Worst"	51.13	16.88	2.16	27.83
PK	288.02M	41.65	46.00	-4.35	-6.67	3	Horizontal	172	1.00	-	48.32	18.71	2.43	27.81
PK	335.55M	41.37	46.00	-4.63	-6.07	3	Horizontal	203	1.00	-	47.44	19.46	2.50	28.03
PK	384.05M	41.77	46.00	-4.23	-5.02	3	Horizontal	199	1.00	-	46.79	20.74	2.70	28.46
PK	576.11M	41.89	46.00	-4.11	-2.04	3	Horizontal	202	1.50	-	43.93	24.11	3.20	29.35
QP	672.14M	42.14	46.00	-3.86	-1.34	3	Horizontal	183	1.25	-	43.48	24.51	3.49	29.34
PK	816.67M	41.21	46.00	-4.79	-0.01	3	Horizontal	154	1.00	-	41.22	25.20	3.80	29.01

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	-	-	-	-	-	-	-	-	-	-	-
802.11g_Nss1,(6Mbps)_1TX	Pass	AV	2.4835G	52.90	54.00	-1.10	3	Horizontal	132	2.04	-

802.11b_Nss1,(1Mbps)_1TX

2412MHz_TX

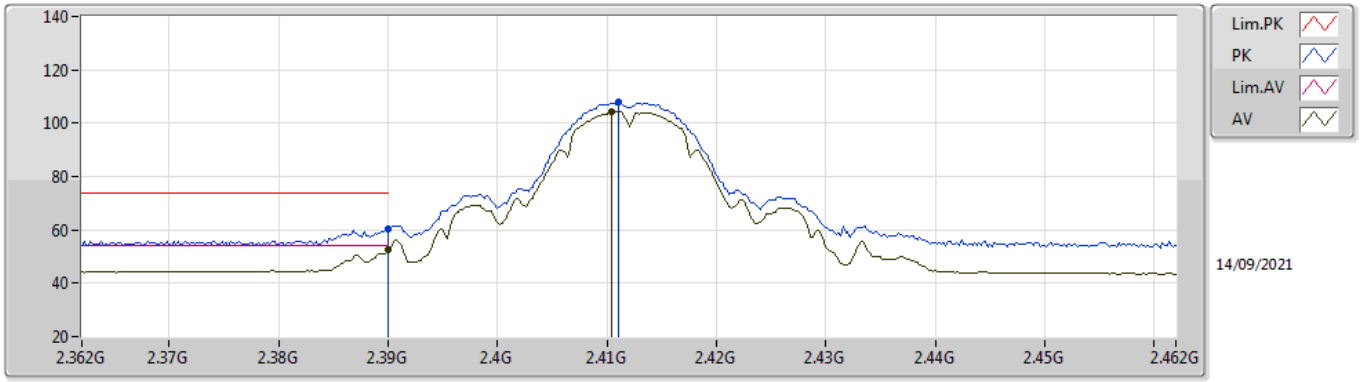


EUT X_1TX
Setting 71
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.39G	59.64	74.00	-14.36	29.08	3	Vertical	0	1.97	-	27.48	3.08	-
AV	2.39G	52.43	54.00	-1.57	21.87	3	Vertical	0	1.97	-	27.48	3.08	-
PK	2.411G	106.82	Inf	-Inf	76.35	3	Vertical	0	1.97	-	27.36	3.11	-
AV	2.4102G	102.96	Inf	-Inf	72.49	3	Vertical	0	1.97	-	27.36	3.11	-

802.11b_Nss1,(1Mbps)_1TX

2412MHz_TX

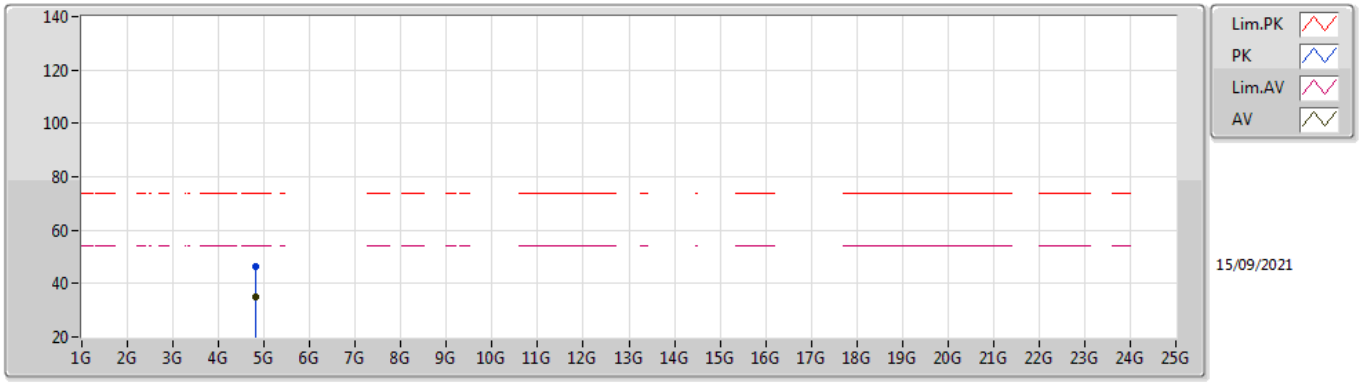


EUT X_1TX
Setting 71
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.39G	60.45	74.00	-13.55	29.89	3	Horizontal	222	1.92	-	27.48	3.08	-
AV	2.39G	52.80	54.00	-1.40	22.04	3	Horizontal	222	1.92	-	27.48	3.08	-
PK	2.411G	107.69	Inf	-Inf	77.22	3	Horizontal	222	1.92	-	27.36	3.11	-
AV	2.4104G	104.21	Inf	-Inf	73.74	3	Horizontal	222	1.92	-	27.36	3.11	-

802.11b_Nss1,(1Mbps)_1TX

2412MHz_TX

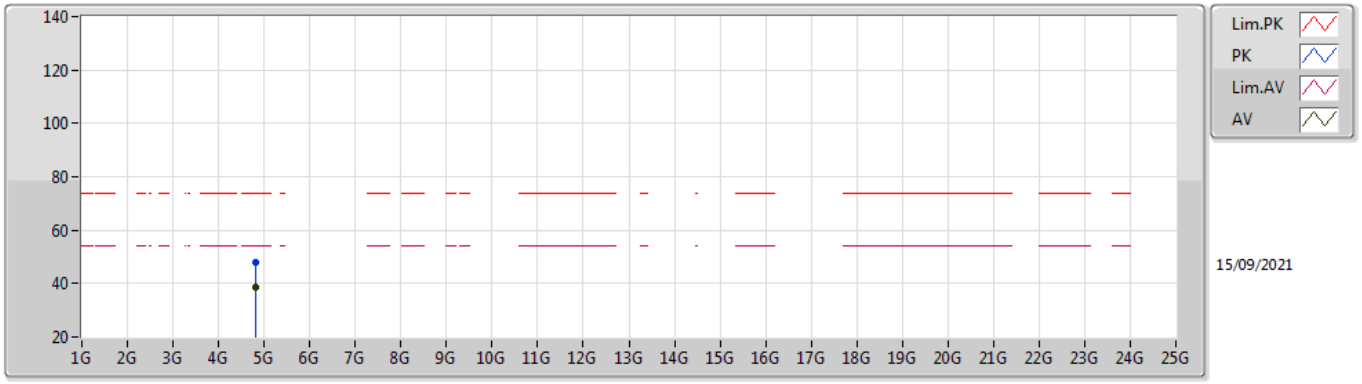


EUT X_1TX
Setting 71
06-F-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.8239G	46.13	74.00	-27.87	42.14	3	Vertical	0	1.88	-	31.05	5.00	32.06
AV	4.82393G	35.11	54.00	-18.89	31.12	3	Vertical	0	1.88	-	31.05	5.00	32.06

802.11b_Nss1,(1Mbps)_1TX

2412MHz_TX

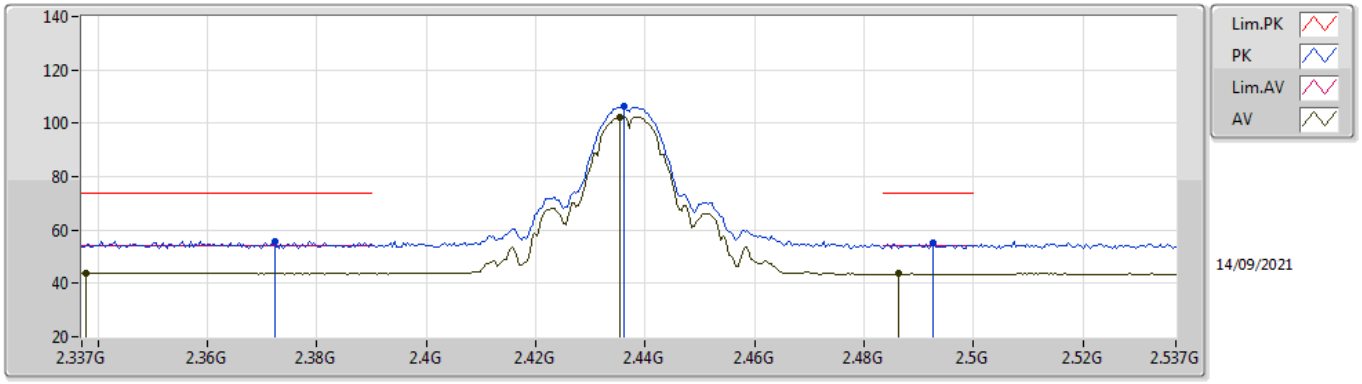


EUT X_1TX
Setting 71
06-F-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.82396G	47.73	74.00	-26.27	43.74	3	Horizontal	235	1.68	-	31.05	5.00	32.06
AV	4.82397G	38.84	54.00	-15.16	34.85	3	Horizontal	235	1.68	-	31.05	5.00	32.06

802.11b_Nss1,(1Mbps)_1TX

2437MHz_TX

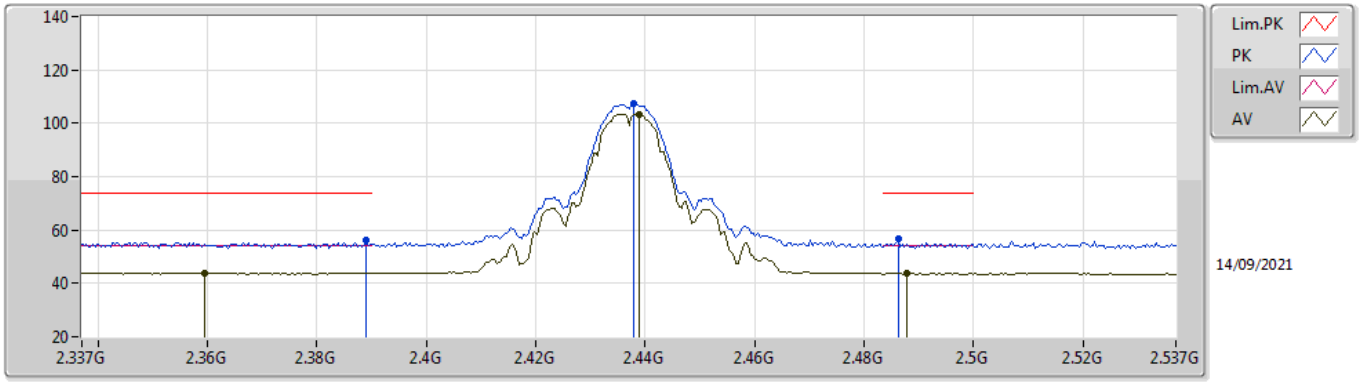


EUT X_1TX
Setting 72
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3722G	55.91	74.00	-18.09	25.25	3	Vertical	3	1.92	-	27.62	3.04	-
AV	2.3378G	43.96	54.00	-10.04	13.13	3	Vertical	3	1.92	-	27.85	2.98	-
PK	2.4362G	106.15	Inf	-Inf	75.75	3	Vertical	3	1.92	-	27.26	3.14	-
AV	2.4354G	102.42	Inf	-Inf	72.02	3	Vertical	3	1.92	-	27.26	3.14	-
PK	2.4926G	55.04	74.00	-18.96	24.56	3	Vertical	3	1.92	-	27.29	3.19	-
AV	2.4862G	43.56	54.00	-10.44	13.10	3	Vertical	3	1.92	-	27.27	3.19	-

802.11b_Nss1,(1Mbps)_1TX

2437MHz_TX

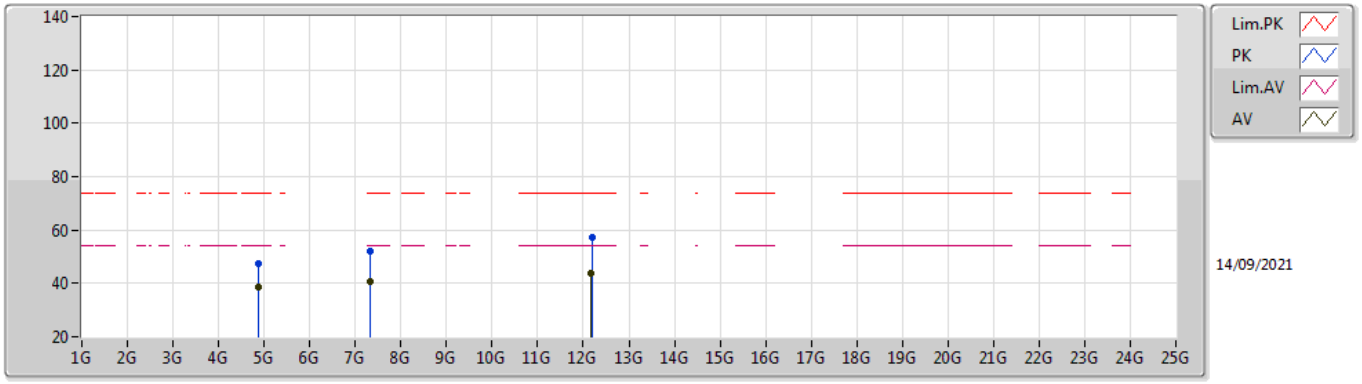


EUT X_1TX
Setting 72
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.389G	56.16	74.00	-17.84	25.59	3	Horizontal	224	1.27	-	27.49	3.08	-
AV	2.3594G	44.04	54.00	-9.96	13.30	3	Horizontal	224	1.27	-	27.72	3.02	-
PK	2.4378G	107.22	Inf	-Inf	76.83	3	Horizontal	224	1.27	-	27.25	3.14	-
AV	2.439G	103.40	Inf	-Inf	73.02	3	Horizontal	224	1.27	-	27.24	3.14	-
PK	2.4862G	56.55	74.00	-17.45	26.09	3	Horizontal	224	1.27	-	27.27	3.19	-
AV	2.4878G	43.79	54.00	-10.21	13.32	3	Horizontal	224	1.27	-	27.28	3.19	-

802.11b_Nss1,(1Mbps)_1TX

2437MHz_TX

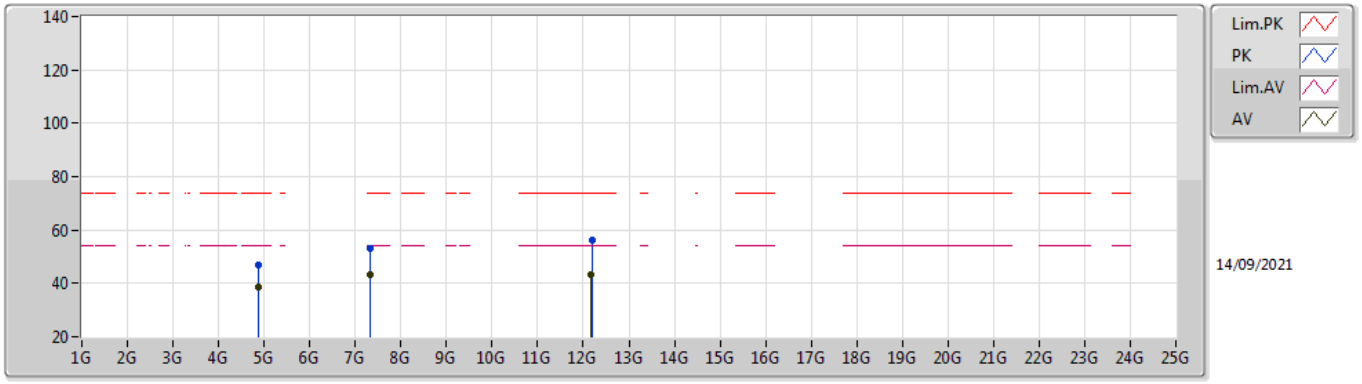


EUT X_1TX
Setting 72
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.87396G	47.53	74.00	-26.47	43.50	3	Vertical	200	1.04	-	31.05	5.00	32.02
AV	4.874G	38.51	54.00	-15.49	34.48	3	Vertical	200	1.04	-	31.05	5.00	32.02
PK	7.3114G	52.25	74.00	-21.75	43.27	3	Vertical	224	2.08	-	36.35	6.10	33.47
AV	7.31172G	40.74	54.00	-13.26	31.76	3	Vertical	224	2.08	-	36.35	6.10	33.47
PK	12.19468G	57.15	74.00	-16.85	43.97	3	Vertical	186	1.38	-	38.72	8.61	34.15
AV	12.17552G	43.82	54.00	-10.18	30.61	3	Vertical	186	1.38	-	38.77	8.60	34.16

802.11b_Nss1,(1Mbps)_1TX

2437MHz_TX

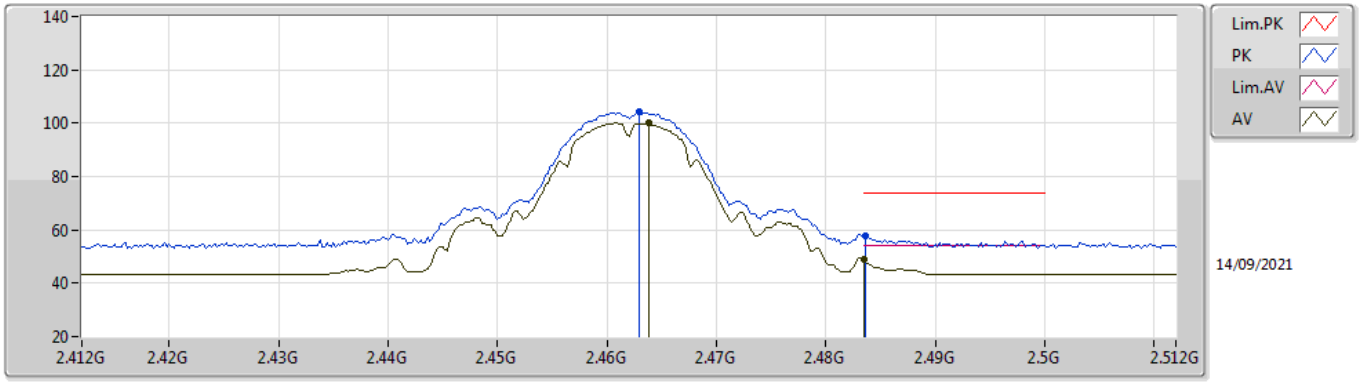


EUT X_1TX
Setting 72
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.874G	46.89	74.00	-27.11	42.86	3	Horizontal	200	1.58	-	31.05	5.00	32.02
AV	4.874G	38.85	54.00	-15.15	34.82	3	Horizontal	200	1.58	-	31.05	5.00	32.02
PK	7.31096G	53.24	74.00	-20.76	44.25	3	Horizontal	165	1.42	-	36.36	6.10	33.47
AV	7.31164G	43.07	54.00	-10.93	34.09	3	Horizontal	165	1.42	-	36.35	6.10	33.47
PK	12.19432G	56.24	74.00	-17.76	43.06	3	Horizontal	99	1.91	-	38.72	8.61	34.15
AV	12.18104G	43.06	54.00	-10.94	29.86	3	Horizontal	99	1.91	-	38.76	8.60	34.16

802.11b_Nss1,(1Mbps)_1TX

2462MHz_TX

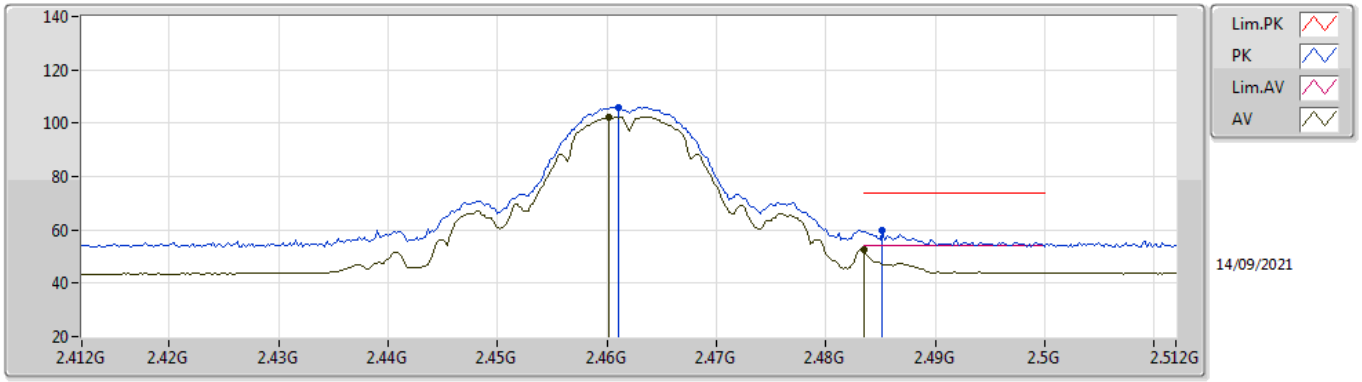


EUT X_1TX
Setting 69
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.463G	104.07	Inf	-Inf	73.68	3	Vertical	0	2.02	-	27.23	3.16	-
AV	2.4638G	100.08	Inf	-Inf	69.69	3	Vertical	0	2.02	-	27.23	3.16	-
PK	2.4836G	57.68	74.00	-16.32	27.23	3	Vertical	0	2.02	-	27.27	3.18	-
AV	2.4835G	49.17	54.00	-4.83	18.72	3	Vertical	0	2.02	-	27.27	3.18	-

802.11b_Nss1,(1Mbps)_1TX

2462MHz_TX

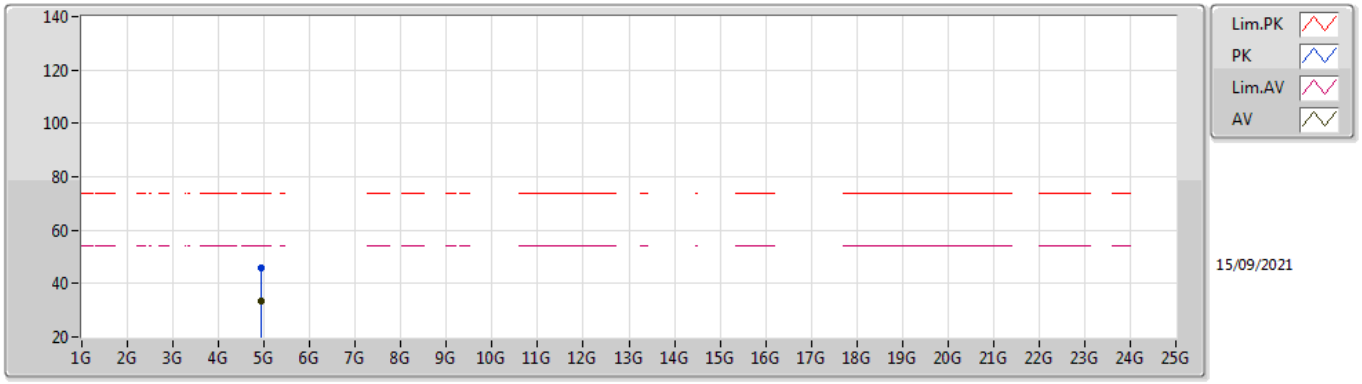


EUT X_1TX
Setting 69
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.461G	106.09	Inf	-Inf	75.71	3	Horizontal	221	1.79	-	27.22	3.16	-
AV	2.4602G	102.22	Inf	-Inf	71.84	3	Horizontal	221	1.79	-	27.22	3.16	-
PK	2.4852G	59.72	74.00	-14.28	29.26	3	Horizontal	221	1.79	-	27.27	3.19	-
AV	2.4835G	52.83	54.00	-1.17	22.38	3	Horizontal	221	1.79	-	27.27	3.18	-

802.11b_Nss1,(1Mbps)_1TX

2462MHz_TX

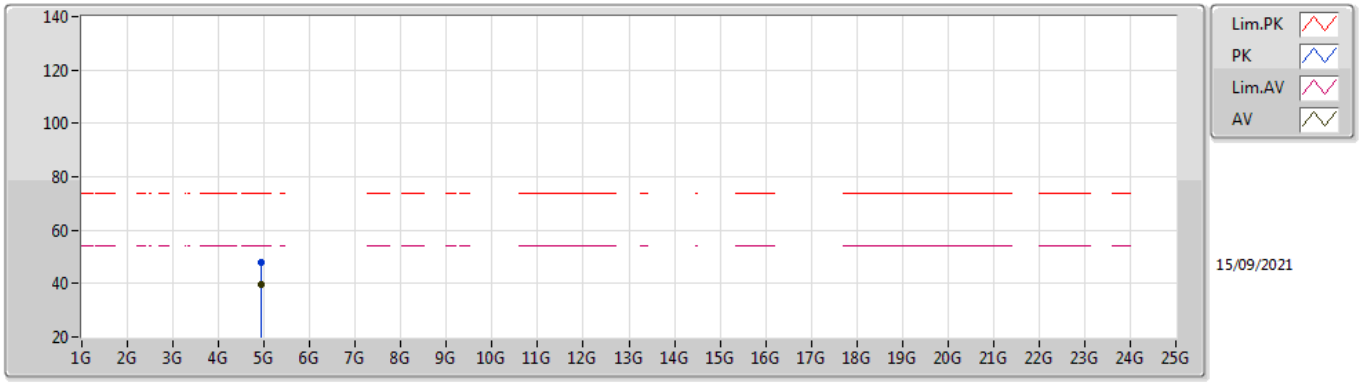


EUT X_1TX
Setting 69
06-F-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.92405G	45.85	74.00	-28.15	41.62	3	Vertical	360	1.80	-	31.20	5.00	31.97
AV	4.92393G	33.31	54.00	-20.69	29.08	3	Vertical	360	1.80	-	31.20	5.00	31.97

802.11b_Nss1,(1Mbps)_1TX

2462MHz_TX

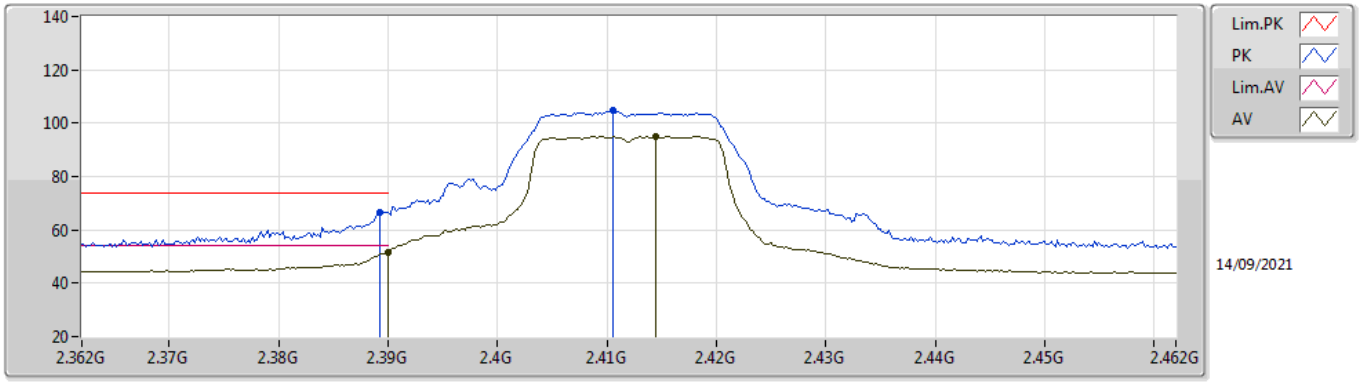


EUT X_1TX
Setting 69
06-F-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.92408G	48.08	74.00	-25.92	43.85	3	Horizontal	16	1.42	-	31.20	5.00	31.97
AV	4.92393G	39.85	54.00	-14.15	35.62	3	Horizontal	16	1.42	-	31.20	5.00	31.97

802.11g_Nss1,(6Mbps)_1TX

2412MHz_TX

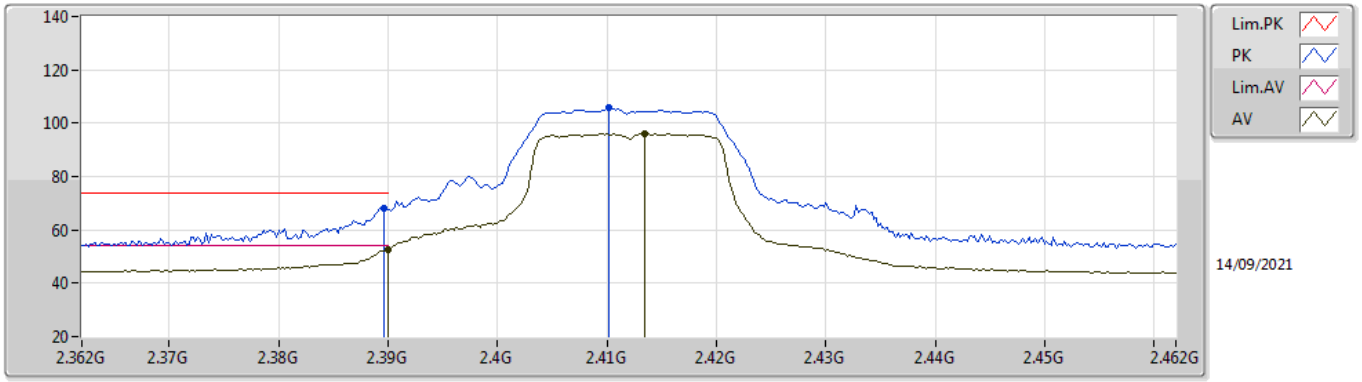


EUT X_1TX
Setting 56
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3892G	66.76	74.00	-7.24	36.19	3	Vertical	4	2.14	-	27.49	3.08	-
AV	2.39G	51.65	54.00	-2.35	21.09	3	Vertical	4	2.14	-	27.48	3.08	-
PK	2.4106G	104.86	Inf	-Inf	74.39	3	Vertical	4	2.14	-	27.36	3.11	-
AV	2.4144G	94.98	Inf	-Inf	64.53	3	Vertical	4	2.14	-	27.34	3.11	-

802.11g_Nss1,(6Mbps)_1TX

2412MHz_TX

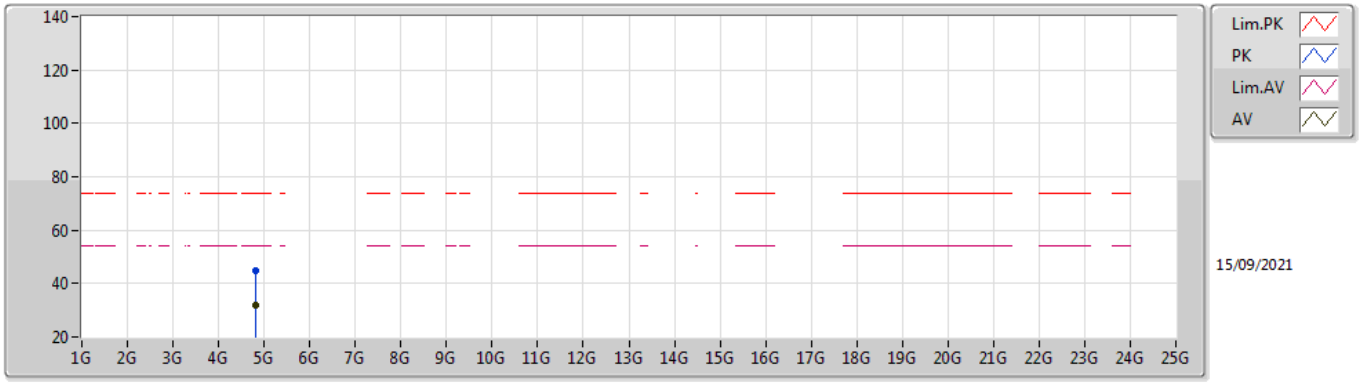


EUT X_1TX
Setting 56
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3896G	68.27	74.00	-5.73	37.71	3	Horizontal	221	1.90	-	27.48	3.08	-
AV	2.39G	52.78	54.00	-1.22	22.22	3	Horizontal	221	1.90	-	27.48	3.08	-
PK	2.4102G	105.68	Inf	-Inf	75.21	3	Horizontal	221	1.90	-	27.36	3.11	-
AV	2.4134G	96.04	Inf	-Inf	65.58	3	Horizontal	221	1.90	-	27.35	3.11	-

802.11g_Nss1,(6Mbps)_1TX

2412MHz_TX

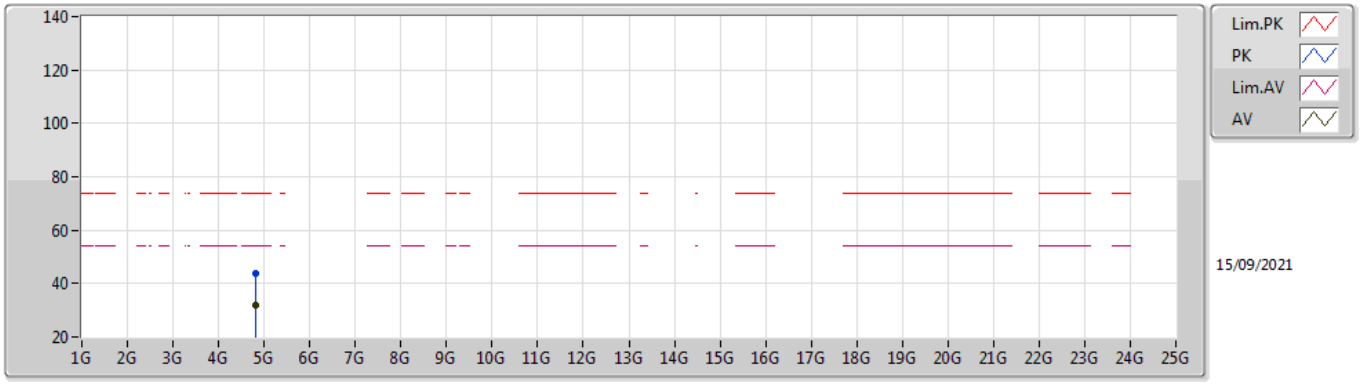


EUT X_1TX
Setting 56
06-F-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.82452G	44.67	74.00	-29.33	40.68	3	Vertical	4	2.53	-	31.05	5.00	32.06
AV	4.82308G	31.90	54.00	-22.10	27.91	3	Vertical	4	2.53	-	31.05	5.00	32.06

802.11g_Nss1,(6Mbps)_1TX

2412MHz_TX

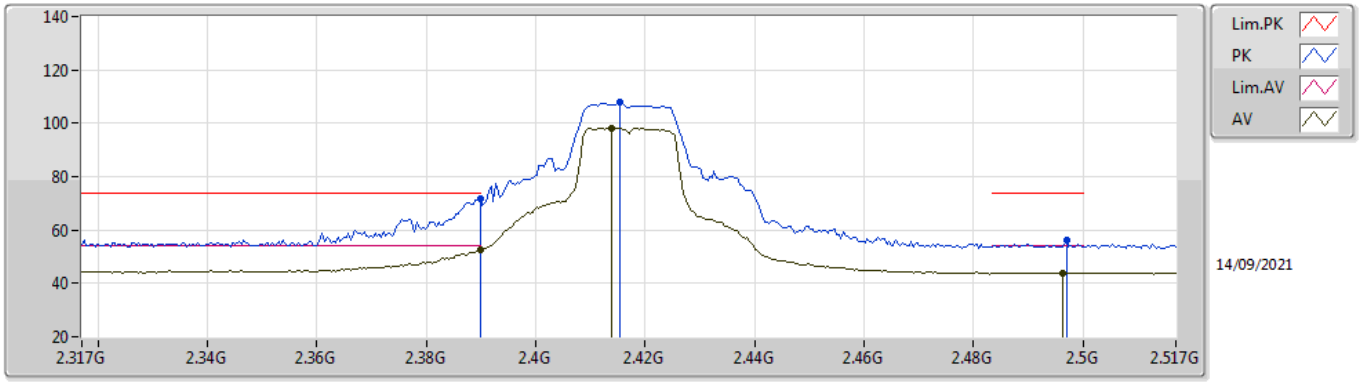


EUT X_1TX
Setting 56
06-F-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.82312G	43.88	74.00	-30.12	39.89	3	Horizontal	69	2.09	-	31.05	5.00	32.06
AV	4.82334G	32.08	54.00	-21.92	28.09	3	Horizontal	69	2.09	-	31.05	5.00	32.06

802.11g_Nss1,(6Mbps)_1TX

2417MHz_TX

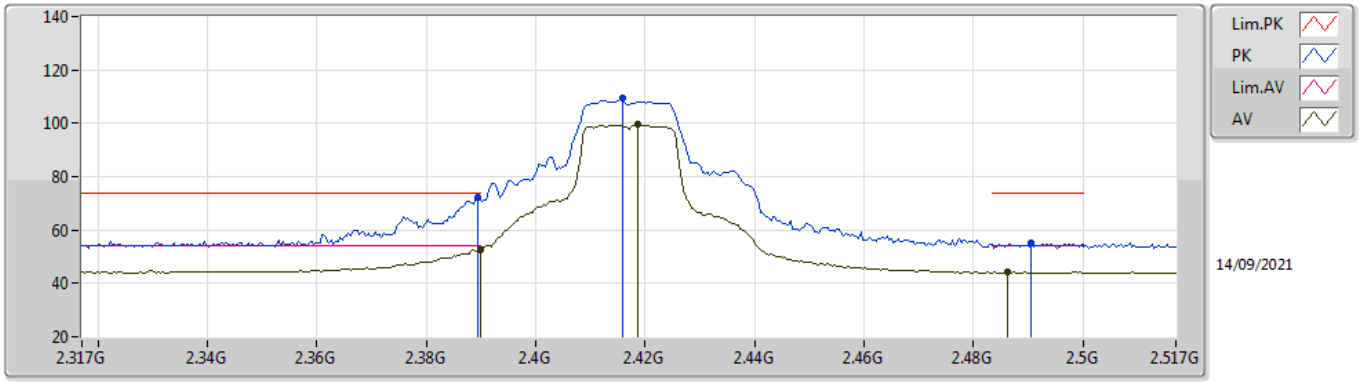


EUT X_1TX
Setting 71
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3898G	71.54	74.00	-2.46	40.98	3	Vertical	3	1.99	-	27.48	3.08	-
AV	2.3898G	52.48	54.00	-1.52	21.92	3	Vertical	3	1.99	-	27.48	3.08	-
PK	2.4154G	107.91	Inf	-Inf	77.45	3	Vertical	3	1.99	-	27.34	3.12	-
AV	2.4138G	98.25	Inf	-Inf	67.80	3	Vertical	3	1.99	-	27.34	3.11	-
PK	2.497G	56.21	74.00	-17.79	25.72	3	Vertical	3	1.99	-	27.29	3.20	-
AV	2.4962G	43.98	54.00	-10.02	13.49	3	Vertical	3	1.99	-	27.29	3.20	-

802.11g_Nss1,(6Mbps)_1TX

2417MHz_TX

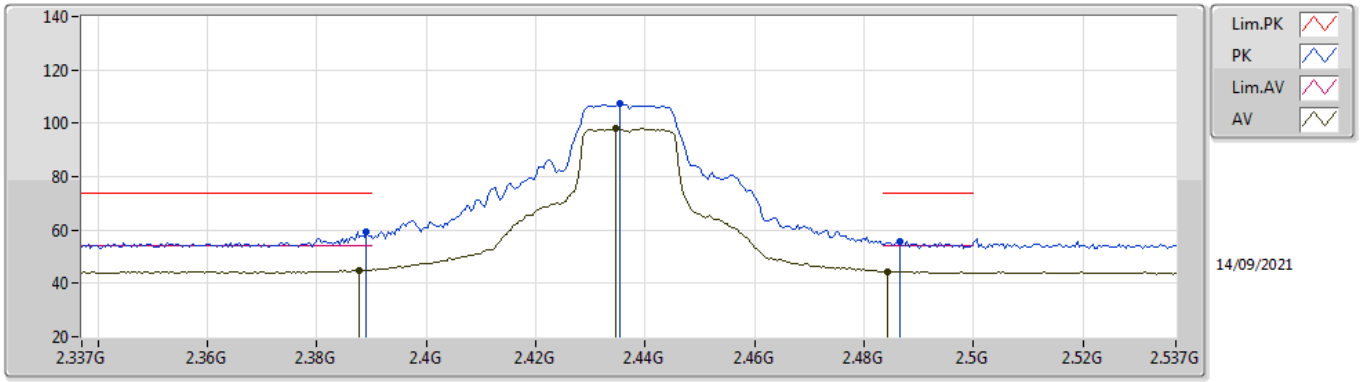


EUT X_1TX
Setting 71
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3894G	72.07	74.00	-1.93	41.51	3	Horizontal	220	1.89	-	27.48	3.08	-
AV	2.3898G	52.77	54.00	-1.23	22.21	3	Horizontal	220	1.89	-	27.48	3.08	-
PK	2.4158G	109.47	Inf	-Inf	79.01	3	Horizontal	220	1.89	-	27.34	3.12	-
AV	2.4186G	99.42	Inf	-Inf	68.97	3	Horizontal	220	1.89	-	27.33	3.12	-
PK	2.4906G	55.18	74.00	-18.82	24.71	3	Horizontal	220	1.89	-	27.28	3.19	-
AV	2.4862G	44.46	54.00	-9.54	14.00	3	Horizontal	220	1.89	-	27.27	3.19	-

802.11g_Nss1,(6Mbps)_1TX

2437MHz_TX

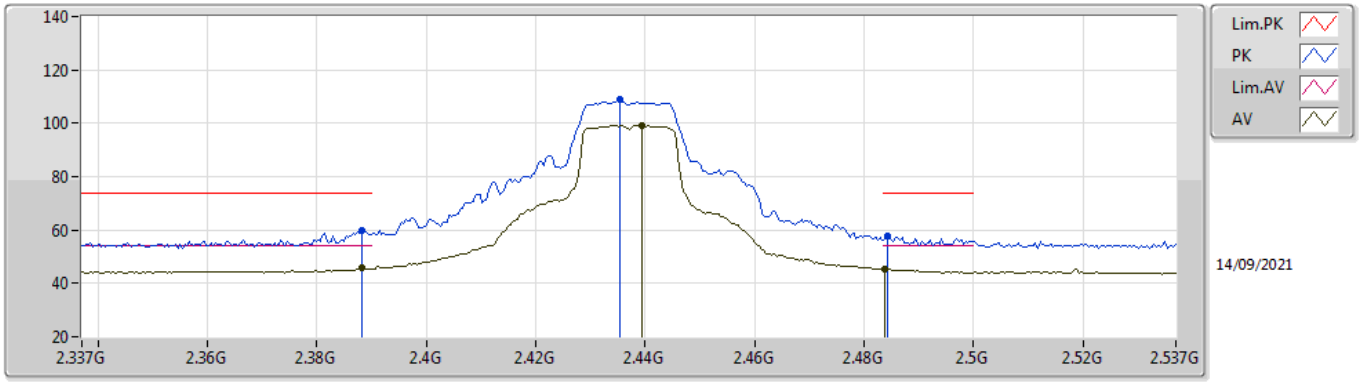


EUT X_1TX
Setting 72
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.389G	59.19	74.00	-14.81	28.62	3	Vertical	4	1.93	-	27.49	3.08	-
AV	2.3878G	45.03	54.00	-8.97	14.45	3	Vertical	4	1.93	-	27.50	3.08	-
PK	2.4354G	107.67	Inf	-Inf	77.27	3	Vertical	4	1.93	-	27.26	3.14	-
AV	2.4346G	97.96	Inf	-Inf	67.57	3	Vertical	4	1.93	-	27.26	3.13	-
PK	2.4866G	55.86	74.00	-18.14	25.40	3	Vertical	4	1.93	-	27.27	3.19	-
AV	2.4842G	44.46	54.00	-9.54	14.01	3	Vertical	4	1.93	-	27.27	3.18	-

802.11g_Nss1,(6Mbps)_1TX

2437MHz_TX

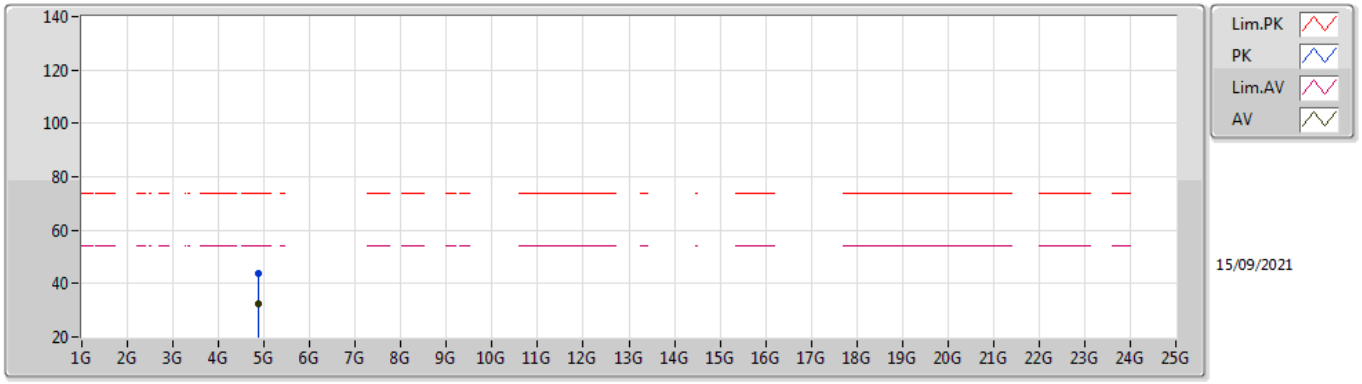


EUT X_1TX
Setting 72
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3882G	59.62	74.00	-14.38	29.05	3	Horizontal	220	1.90	-	27.49	3.08	-
AV	2.3882G	45.70	54.00	-8.30	15.13	3	Horizontal	220	1.90	-	27.49	3.08	-
PK	2.4354G	108.86	Inf	-Inf	78.46	3	Horizontal	220	1.90	-	27.26	3.14	-
AV	2.4394G	99.17	Inf	-Inf	68.79	3	Horizontal	220	1.90	-	27.24	3.14	-
PK	2.4842G	57.53	74.00	-16.47	27.08	3	Horizontal	220	1.90	-	27.27	3.18	-
AV	2.4838G	45.52	54.00	-8.48	15.07	3	Horizontal	220	1.90	-	27.27	3.18	-

802.11g_Nss1,(6Mbps)_1TX

2437MHz_TX

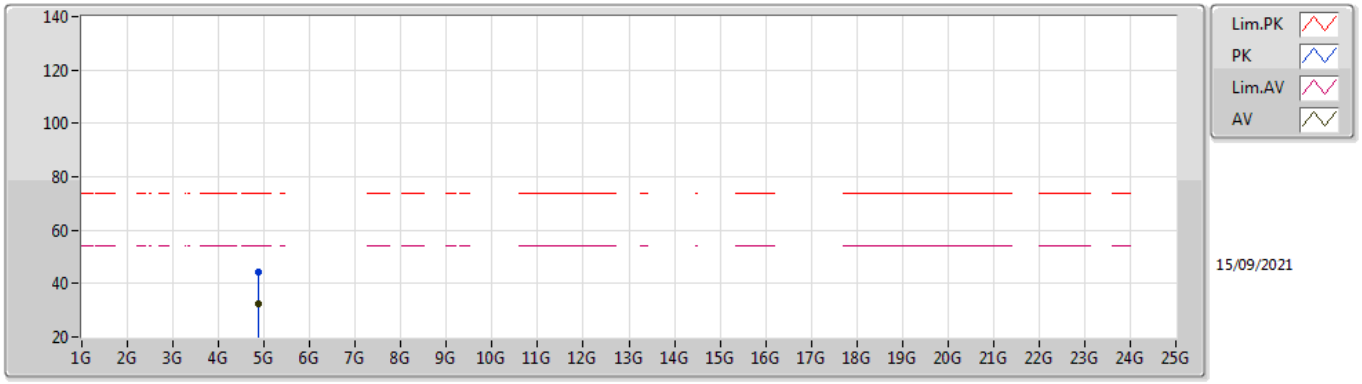


EUT X_1TX
Setting 72
06-F-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.87303G	44.04	74.00	-29.96	40.01	3	Vertical	105	2.27	-	31.05	5.00	32.02
AV	4.87348G	32.28	54.00	-21.72	28.25	3	Vertical	105	2.27	-	31.05	5.00	32.02

802.11g_Nss1,(6Mbps)_1TX

2437MHz_TX

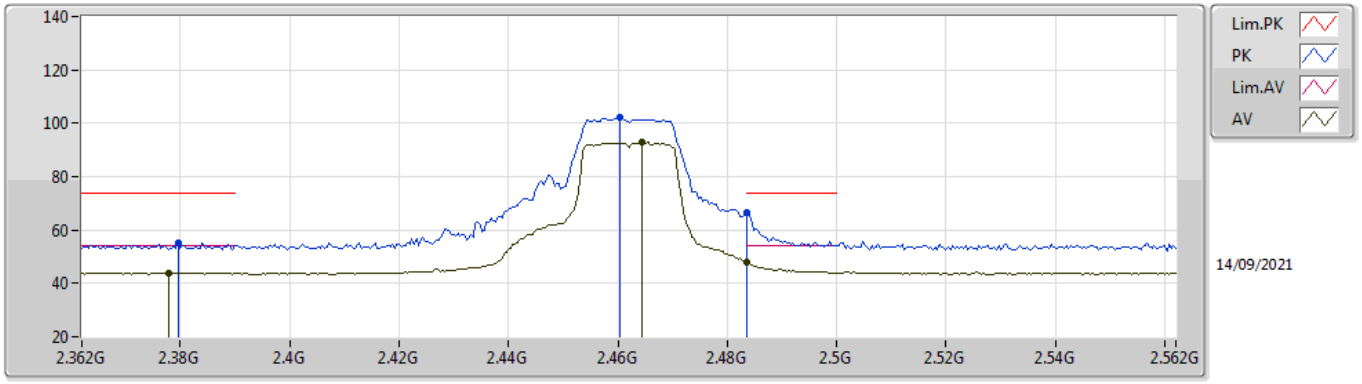


EUT X_1TX
Setting 72
06-F-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.87383G	44.43	74.00	-29.57	40.40	3	Horizontal	90	1.31	-	31.05	5.00	32.02
AV	4.87404G	32.25	54.00	-21.75	28.22	3	Horizontal	90	1.31	-	31.05	5.00	32.02

802.11g_Nss1,(6Mbps)_1TX

2462MHz_TX

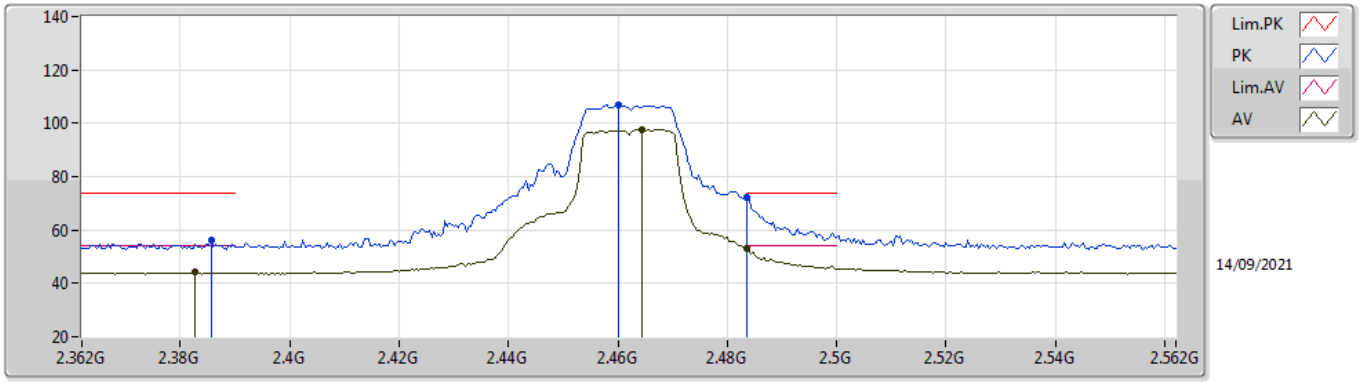


EUT X_1TX
Setting 62
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3796G	55.15	74.00	-18.85	24.53	3	Vertical	143	1.67	-	27.56	3.06	-
AV	2.378G	44.04	54.00	-9.96	13.40	3	Vertical	143	1.67	-	27.58	3.06	-
PK	2.4604G	102.20	Inf	-Inf	71.82	3	Vertical	143	1.67	-	27.22	3.16	-
AV	2.4644G	92.88	Inf	-Inf	62.49	3	Vertical	143	1.67	-	27.23	3.16	-
PK	2.4835G	66.64	74.00	-7.36	36.19	3	Vertical	143	1.67	-	27.27	3.18	-
AV	2.4835G	47.85	54.00	-6.15	17.40	3	Vertical	143	1.67	-	27.27	3.18	-

802.11g_Nss1,(6Mbps)_1TX

2462MHz_TX

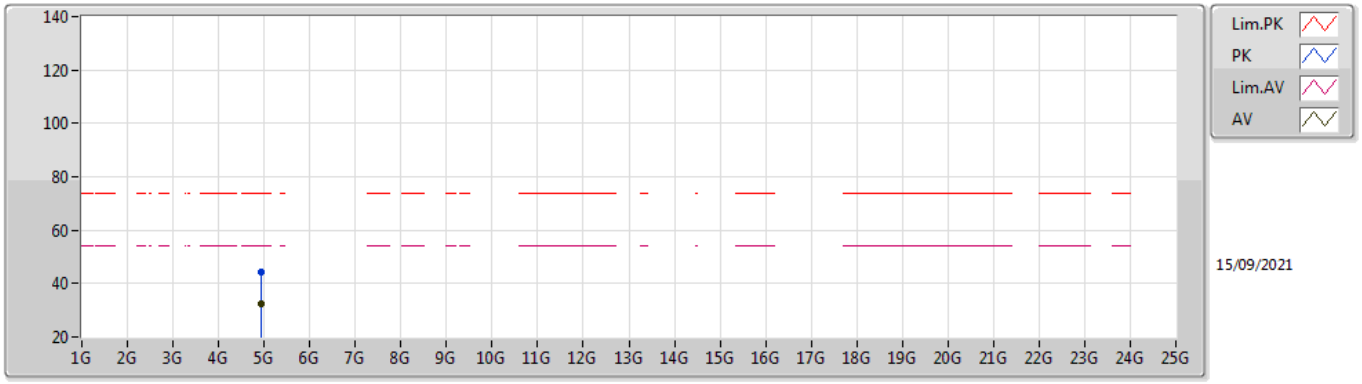


EUT X_1TX
Setting 62
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3856G	55.97	74.00	-18.03	25.38	3	Horizontal	132	2.04	-	27.52	3.07	-
AV	2.3828G	44.10	54.00	-9.90	13.49	3	Horizontal	132	2.04	-	27.54	3.07	-
PK	2.46G	107.05	Inf	-Inf	76.67	3	Horizontal	132	2.04	-	27.22	3.16	-
AV	2.4644G	97.77	Inf	-Inf	67.38	3	Horizontal	132	2.04	-	27.23	3.16	-
PK	2.4835G	72.40	74.00	-1.60	41.95	3	Horizontal	132	2.04	-	27.27	3.18	-
AV	2.4835G	52.90	54.00	-1.10	22.45	3	Horizontal	132	2.04	-	27.27	3.18	-

802.11g_Nss1,(6Mbps)_1TX

2462MHz_TX

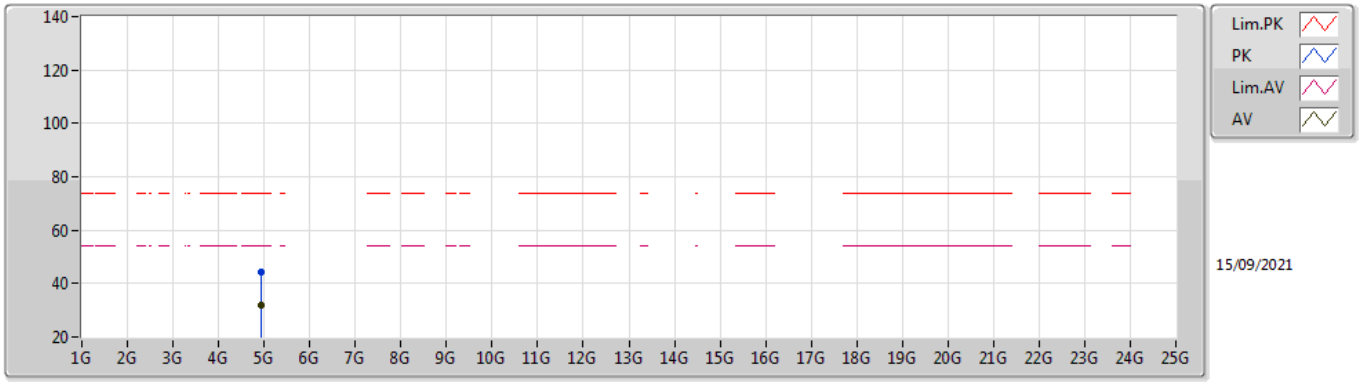


EUT X_1TX
Setting 62
06-F-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.92387G	44.15	74.00	-29.85	39.92	3	Vertical	298	2.81	-	31.20	5.00	31.97
AV	4.92487G	32.42	54.00	-21.58	28.19	3	Vertical	298	2.81	-	31.20	5.00	31.97

802.11g_Nss1,(6Mbps)_1TX

2462MHz_TX

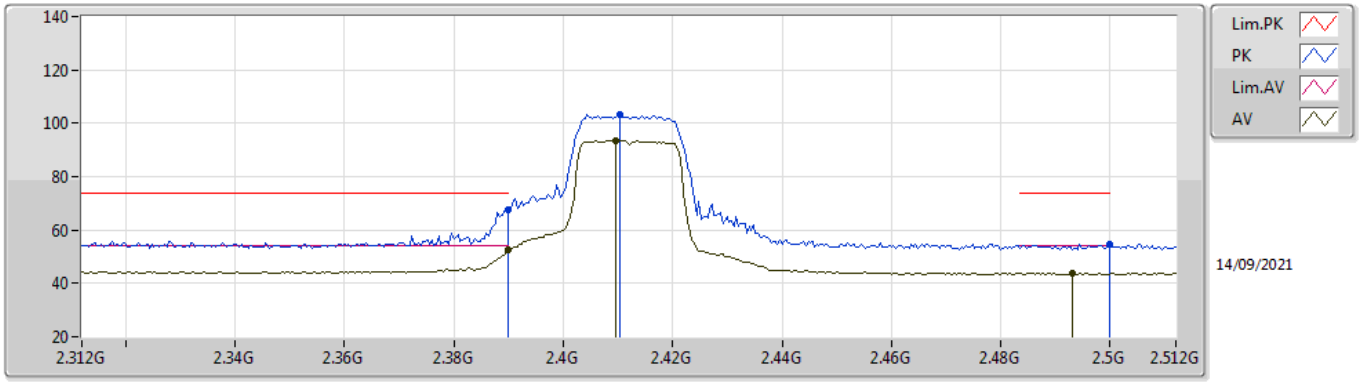


EUT X_1TX
Setting 62
06-F-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.92309G	44.42	74.00	-29.58	40.20	3	Horizontal	29	1.51	-	31.19	5.00	31.97
AV	4.92426G	32.00	54.00	-22.00	27.77	3	Horizontal	29	1.51	-	31.20	5.00	31.97

802.11n HT20_Nss1,(MCS0)_1TX

2412MHz_TX

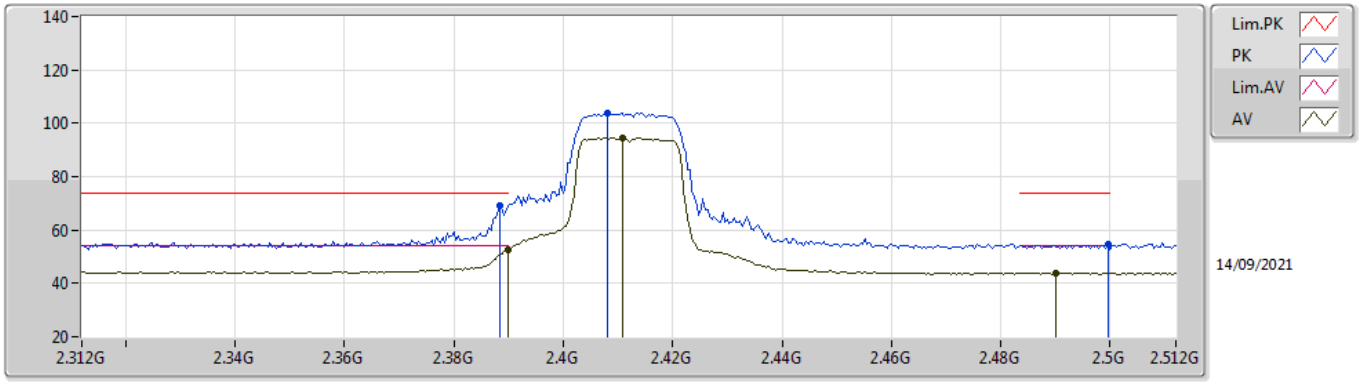


EUT X_1TX
Setting 50
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.39G	67.81	74.00	-6.19	37.25	3	Vertical	3.9	1.97	-	27.48	3.08	-
AV	2.39G	52.34	54.00	-1.66	21.78	3	Vertical	3.9	1.97	-	27.48	3.08	-
PK	2.4104G	103.11	Inf	-Inf	72.64	3	Vertical	3.9	1.97	-	27.36	3.11	-
AV	2.4096G	93.42	Inf	-Inf	62.95	3	Vertical	3.9	1.97	-	27.36	3.11	-
PK	2.5G	54.78	74.00	-19.22	24.28	3	Vertical	3.9	1.97	-	27.30	3.20	-
AV	2.4932G	43.89	54.00	-10.11	13.41	3	Vertical	3.9	1.97	-	27.29	3.19	-

802.11n HT20_Nss1,(MCS0)_1TX

2412MHz_TX

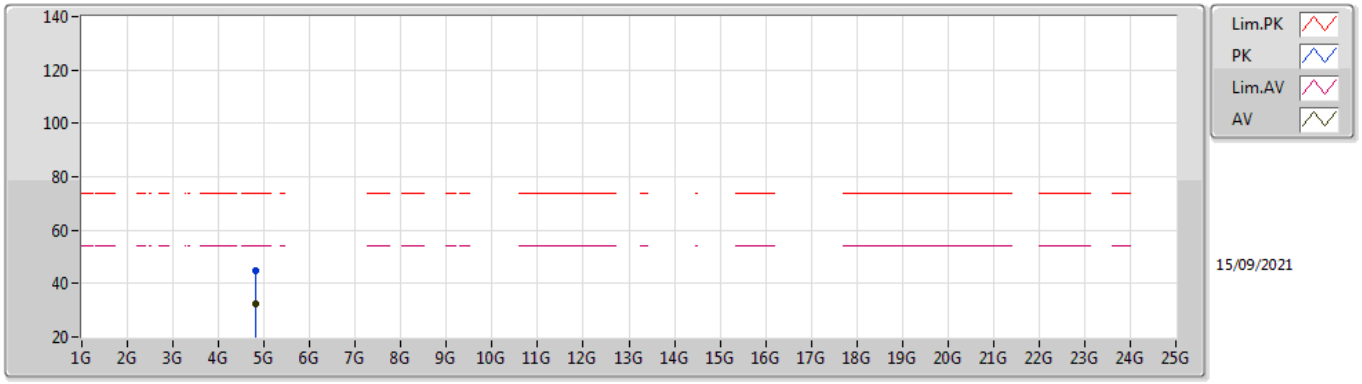


EUT X_1TX
Setting 50
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3884G	69.22	74.00	-4.78	38.65	3	Horizontal	221	1.68	-	27.49	3.08	-
AV	2.39G	52.73	54.00	-1.27	22.17	3	Horizontal	221	1.68	-	27.48	3.08	-
PK	2.408G	103.93	Inf	-Inf	73.45	3	Horizontal	221	1.68	-	27.37	3.11	-
AV	2.4108G	94.54	Inf	-Inf	64.07	3	Horizontal	221	1.68	-	27.36	3.11	-
PK	2.4996G	54.57	74.00	-19.43	24.07	3	Horizontal	221	1.68	-	27.30	3.20	-
AV	2.49G	44.04	54.00	-9.96	13.57	3	Horizontal	221	1.68	-	27.28	3.19	-

802.11n HT20_Nss1,(MCS0)_1TX

2412MHz_TX

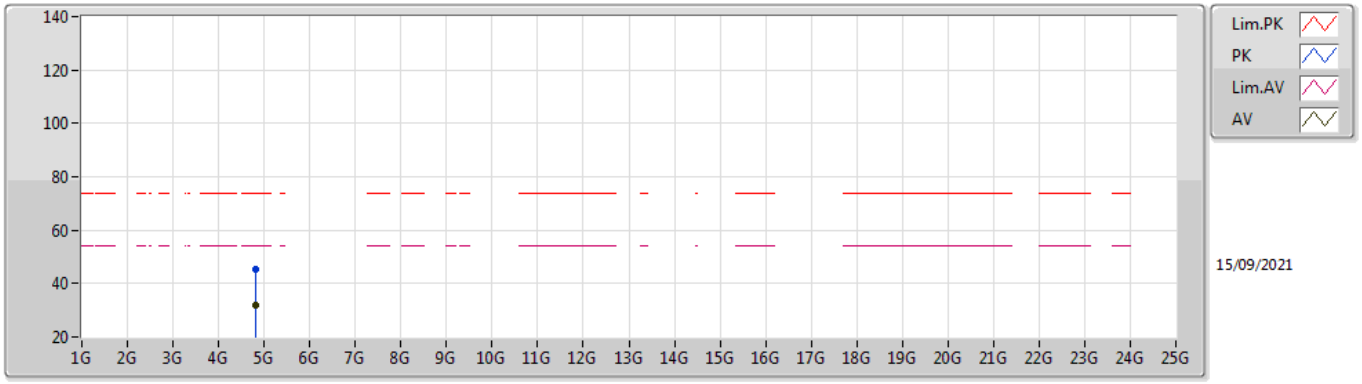


EUT X_1TX
Setting 50
06-F-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.82455G	44.75	74.00	-29.25	40.76	3	Vertical	330	1.03	-	31.05	5.00	32.06
AV	4.8234G	32.24	54.00	-21.76	28.25	3	Vertical	330	1.03	-	31.05	5.00	32.06

802.11n HT20_Nss1,(MCS0)_1TX

2412MHz_TX

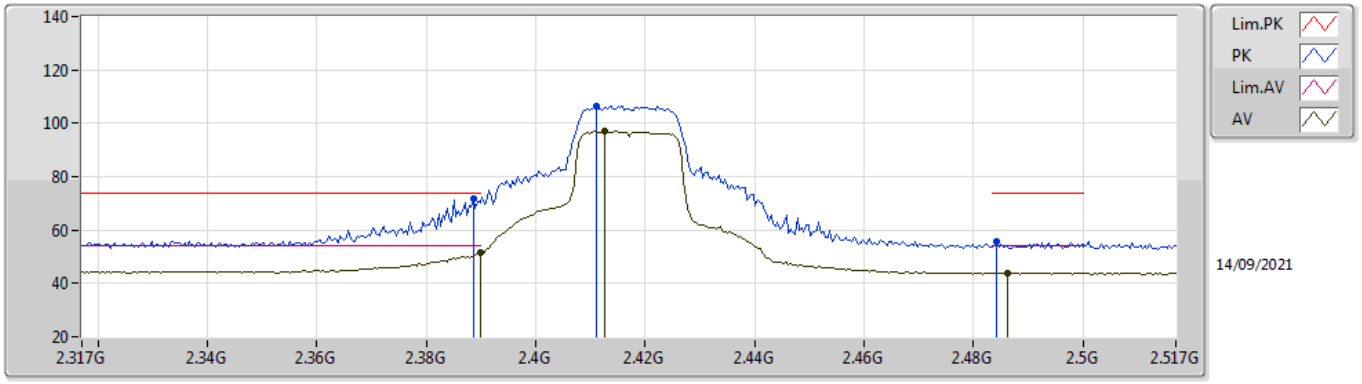


EUT X_1TX
Setting 50
06-F-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.8247G	45.12	74.00	-28.88	41.13	3	Horizontal	288	2.84	-	31.05	5.00	32.06
AV	4.82455G	32.04	54.00	-21.96	28.05	3	Horizontal	288	2.84	-	31.05	5.00	32.06

802.11n HT20_Nss1,(MCS0)_1TX

2417MHz_TX

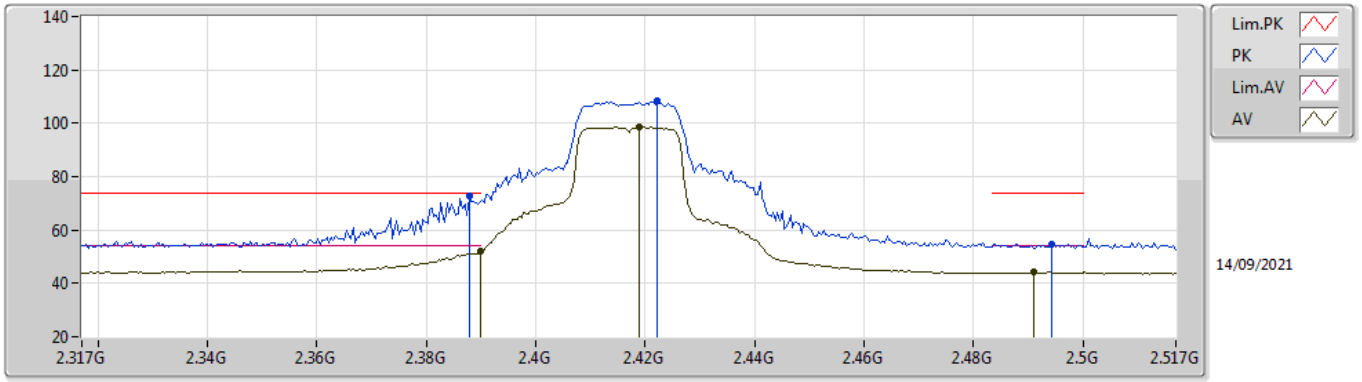


EUT X_1TX
Setting 68
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3886G	71.58	74.00	-2.42	41.01	3	Vertical	1	2.13	-	27.49	3.08	-
AV	2.3898G	51.34	54.00	-2.66	20.78	3	Vertical	1	2.13	-	27.48	3.08	-
PK	2.411G	106.60	Inf	-Inf	76.13	3	Vertical	1	2.13	-	27.36	3.11	-
AV	2.4126G	96.96	Inf	-Inf	66.50	3	Vertical	1	2.13	-	27.35	3.11	-
PK	2.4842G	55.94	74.00	-18.06	25.49	3	Vertical	1	2.13	-	27.27	3.18	-
AV	2.4862G	43.95	54.00	-10.05	13.49	3	Vertical	1	2.13	-	27.27	3.19	-

802.11n HT20_Nss1,(MCS0)_1TX

2417MHz_TX

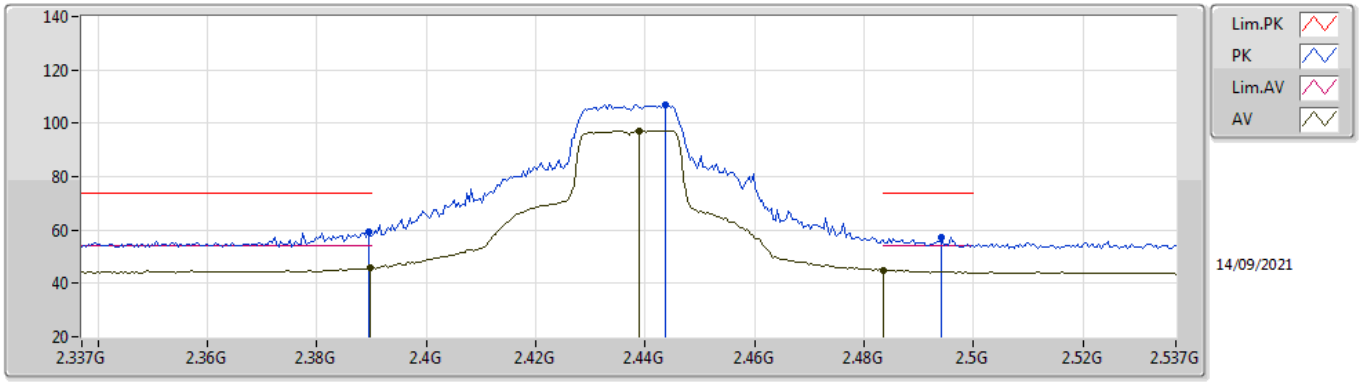


EUT X_1TX
Setting 68
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3878G	72.80	74.00	-1.20	42.22	3	Horizontal	221	1.90	-	27.50	3.08	-
AV	2.3898G	51.94	54.00	-2.06	21.38	3	Horizontal	221	1.90	-	27.48	3.08	-
PK	2.4222G	108.55	Inf	-Inf	78.12	3	Horizontal	221	1.90	-	27.31	3.12	-
AV	2.419G	98.60	Inf	-Inf	68.16	3	Horizontal	221	1.90	-	27.32	3.12	-
PK	2.4942G	54.71	74.00	-19.29	24.23	3	Horizontal	221	1.90	-	27.29	3.19	-
AV	2.491G	44.10	54.00	-9.90	13.63	3	Horizontal	221	1.90	-	27.28	3.19	-

802.11n HT20_Nss1,(MCS0)_1TX

2437MHz_TX

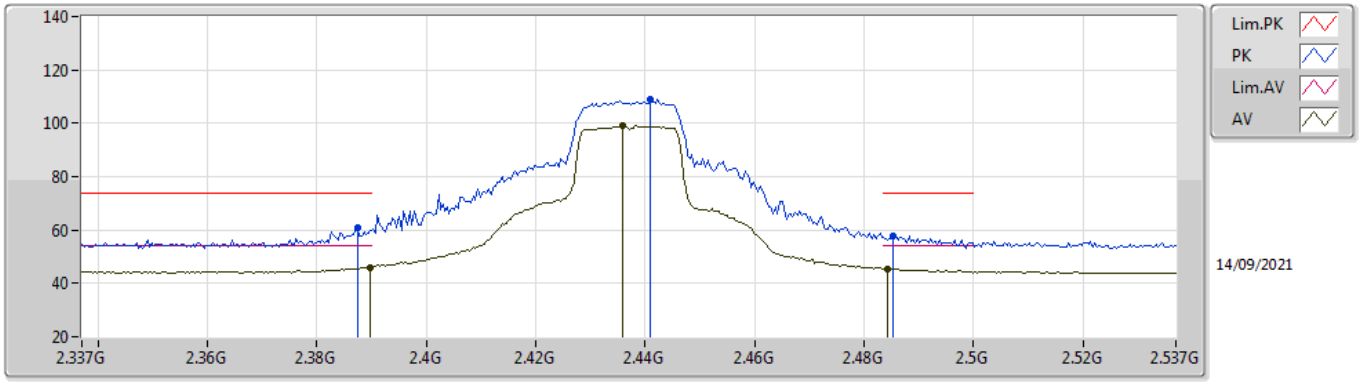


EUT X_1TX
Setting 72
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3894G	59.06	74.00	-14.94	28.50	3	Vertical	2.9	2.10	-	27.48	3.08	-
AV	2.3898G	46.00	54.00	-8.00	15.44	3	Vertical	2.9	2.10	-	27.48	3.08	-
PK	2.4438G	107.08	Inf	-Inf	76.72	3	Vertical	2.9	2.10	-	27.22	3.14	-
AV	2.439G	97.32	Inf	-Inf	66.94	3	Vertical	2.9	2.10	-	27.24	3.14	-
PK	2.4942G	57.31	74.00	-16.69	26.83	3	Vertical	2.9	2.10	-	27.29	3.19	-
AV	2.4835G	45.00	54.00	-9.00	14.55	3	Vertical	2.9	2.10	-	27.27	3.18	-

802.11n HT20_Nss1,(MCS0)_1TX

2437MHz_TX

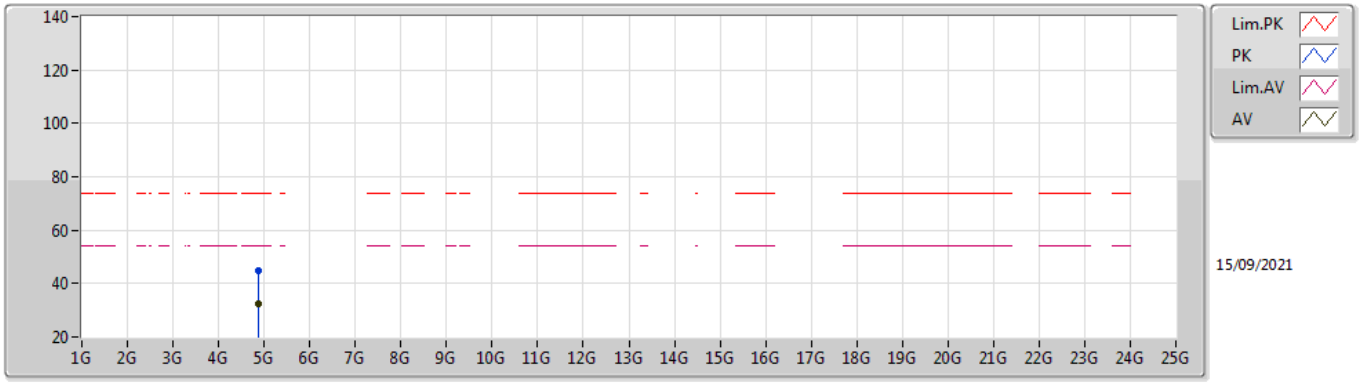


EUT X_1TX
Setting 72
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3874G	60.71	74.00	-13.29	30.14	3	Horizontal	224	1.27	-	27.50	3.07	-
AV	2.3898G	46.07	54.00	-7.93	15.51	3	Horizontal	224	1.27	-	27.48	3.08	-
PK	2.441G	108.82	Inf	-Inf	78.44	3	Horizontal	224	1.27	-	27.24	3.14	-
AV	2.4358G	98.95	Inf	-Inf	68.55	3	Horizontal	224	1.27	-	27.26	3.14	-
PK	2.4854G	57.63	74.00	-16.37	27.17	3	Horizontal	224	1.27	-	27.27	3.19	-
AV	2.4842G	45.50	54.00	-8.50	15.05	3	Horizontal	224	1.27	-	27.27	3.18	-

802.11n HT20_Nss1,(MCS0)_1TX

2437MHz_TX

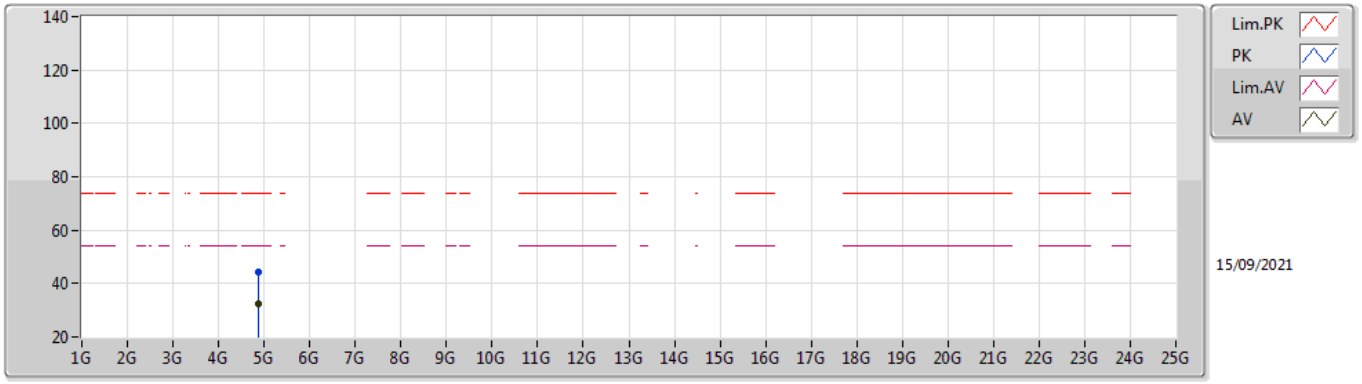


EUT X_1TX
Setting 72
06-F-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.87372G	44.87	74.00	-29.13	40.84	3	Vertical	62	1.05	-	31.05	5.00	32.02
AV	4.87392G	32.29	54.00	-21.71	28.26	3	Vertical	62	1.05	-	31.05	5.00	32.02

802.11n HT20_Nss1,(MCS0)_1TX

2437MHz_TX

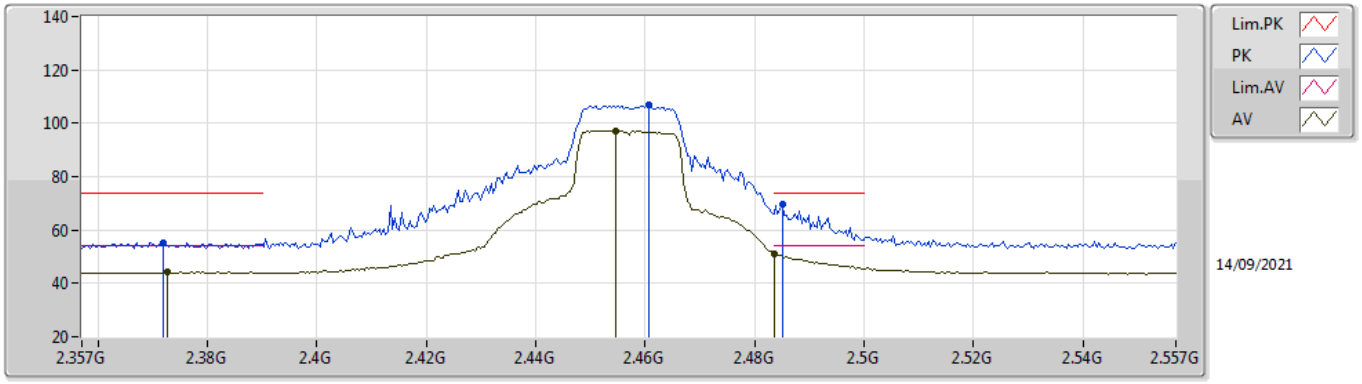


EUT X_1TX
Setting 72
06-F-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.87415G	44.07	74.00	-29.93	40.04	3	Horizontal	265	1.32	-	31.05	5.00	32.02
AV	4.87463G	32.22	54.00	-21.78	28.19	3	Horizontal	265	1.32	-	31.05	5.00	32.02

802.11n HT20_Nss1,(MCS0)_1TX

2457MHz_TX

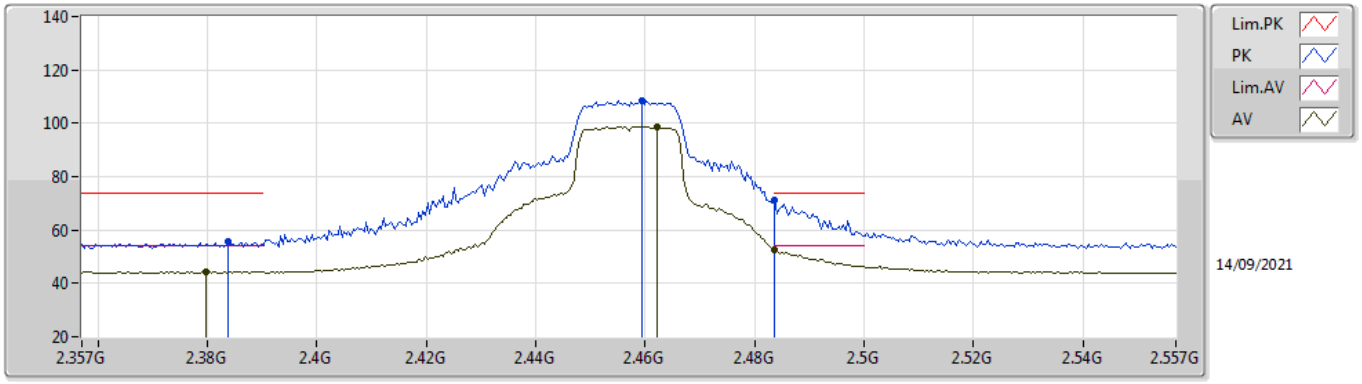


EUT X_1TX
Setting 72
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3718G	55.41	74.00	-18.59	24.74	3	Vertical	8	2.12	-	27.63	3.04	-
AV	2.3726G	44.27	54.00	-9.73	13.60	3	Vertical	8	2.12	-	27.62	3.05	-
PK	2.4606G	107.02	Inf	-Inf	76.64	3	Vertical	8	2.12	-	27.22	3.16	-
AV	2.4546G	97.24	Inf	-Inf	66.88	3	Vertical	8	2.12	-	27.21	3.15	-
PK	2.485G	69.71	74.00	-4.29	39.25	3	Vertical	8	2.12	-	27.27	3.19	-
AV	2.4835G	50.89	54.00	-3.11	20.44	3	Vertical	8	2.12	-	27.27	3.18	-

802.11n HT20_Nss1,(MCS0)_1TX

2457MHz_TX

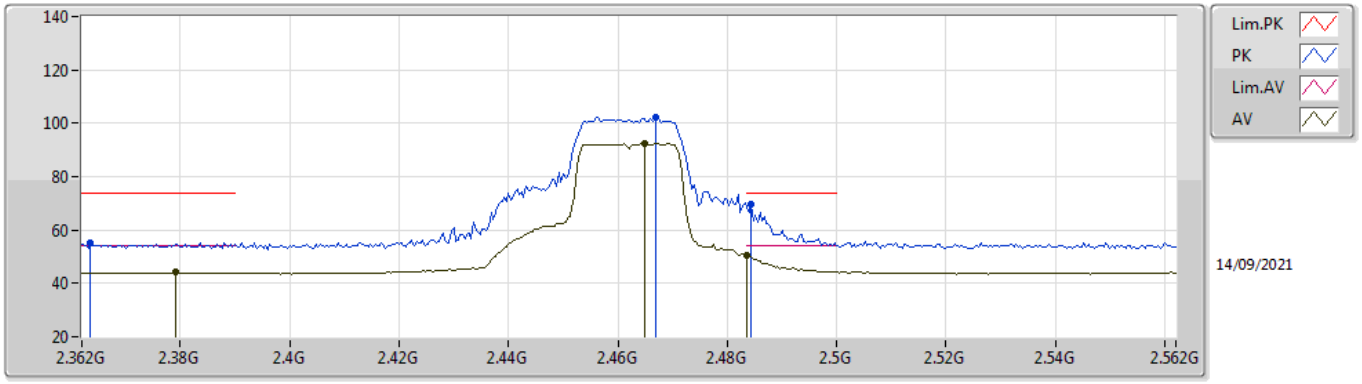


EUT X_1TX
Setting 72
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3838G	55.83	74.00	-18.17	25.23	3	Horizontal	223	1.60	-	27.53	3.07	-
AV	2.3798G	44.45	54.00	-9.55	13.83	3	Horizontal	223	1.60	-	27.56	3.06	-
PK	2.4594G	108.63	Inf	-Inf	78.25	3	Horizontal	223	1.60	-	27.22	3.16	-
AV	2.4622G	98.77	Inf	-Inf	68.39	3	Horizontal	223	1.60	-	27.22	3.16	-
PK	2.4835G	71.27	74.00	-2.73	40.82	3	Horizontal	223	1.60	-	27.27	3.18	-
AV	2.4835G	52.52	54.00	-1.48	22.07	3	Horizontal	223	1.60	-	27.27	3.18	-

802.11n HT20_Nss1,(MCS0)_1TX

2462MHz_TX

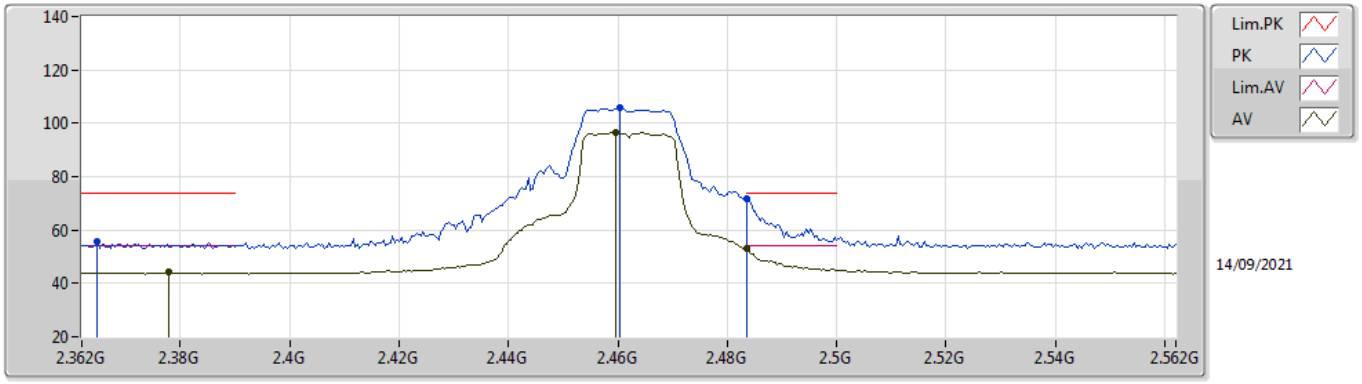


EUT X_1TX
Setting 59
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3636G	55.14	74.00	-18.86	24.42	3	Vertical	0.3	2.20	-	27.69	3.03	-
AV	2.3792G	44.35	54.00	-9.65	13.72	3	Vertical	0.3	2.20	-	27.57	3.06	-
PK	2.4668G	102.31	Inf	-Inf	71.91	3	Vertical	0.3	2.20	-	27.23	3.17	-
AV	2.4648G	92.40	Inf	-Inf	62.01	3	Vertical	0.3	2.20	-	27.23	3.16	-
PK	2.4844G	69.63	74.00	-4.37	39.18	3	Vertical	0.3	2.20	-	27.27	3.18	-
AV	2.4835G	50.41	54.00	-3.59	19.96	3	Vertical	0.3	2.20	-	27.27	3.18	-

802.11n HT20_Nss1,(MCS0)_1TX

2462MHz_TX

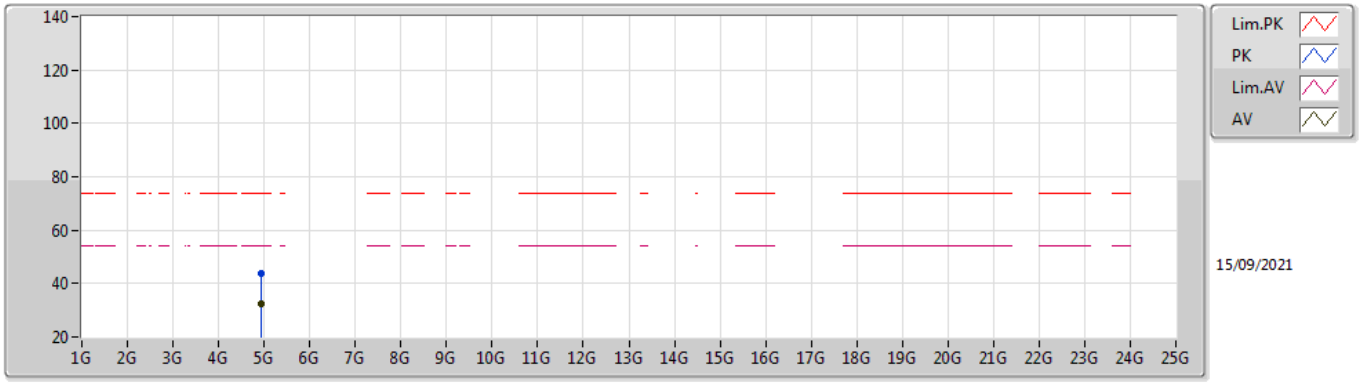


EUT X_1TX
Setting 59
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3648G	55.62	74.00	-18.38	24.91	3	Horizontal	222	1.80	-	27.68	3.03	-
AV	2.378G	44.25	54.00	-9.75	13.61	3	Horizontal	222	1.80	-	27.58	3.06	-
PK	2.4604G	106.12	Inf	-Inf	75.74	3	Horizontal	222	1.80	-	27.22	3.16	-
AV	2.4596G	96.34	Inf	-Inf	65.96	3	Horizontal	222	1.80	-	27.22	3.16	-
PK	2.4835G	71.76	74.00	-2.24	41.31	3	Horizontal	222	1.80	-	27.27	3.18	-
AV	2.4835G	52.88	54.00	-1.12	22.43	3	Horizontal	222	1.80	-	27.27	3.18	-

802.11n HT20_Nss1,(MCS0)_1TX

2462MHz_TX

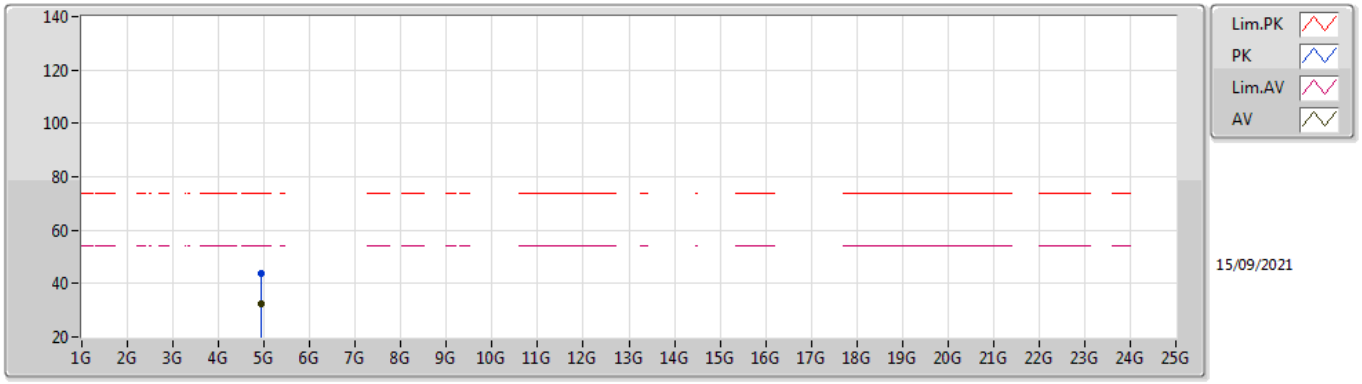


EUT X_1TX
Setting 59
06-F-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.92406G	43.77	74.00	-30.23	39.54	3	Vertical	287	2.68	-	31.20	5.00	31.97
AV	4.92415G	32.28	54.00	-21.72	28.05	3	Vertical	287	2.68	-	31.20	5.00	31.97

802.11n HT20_Nss1,(MCS0)_1TX

2462MHz_TX



EUT X_1TX
Setting 59
06-F-R-5

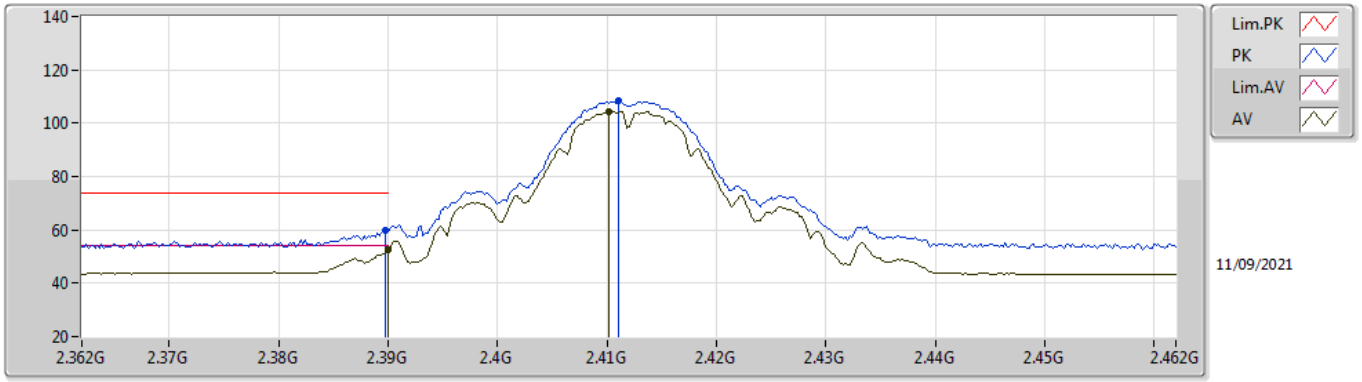
Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.92371G	44.03	74.00	-29.97	39.81	3	Horizontal	33	2.36	-	31.19	5.00	31.97
AV	4.92385G	32.22	54.00	-21.78	27.99	3	Horizontal	33	2.36	-	31.20	5.00	31.97

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	2.4835G	52.99	54.00	-1.01	3	Vertical	100	2.28	-

802.11b_Nss1,(1Mbps)_1TX

2412MHz_TX

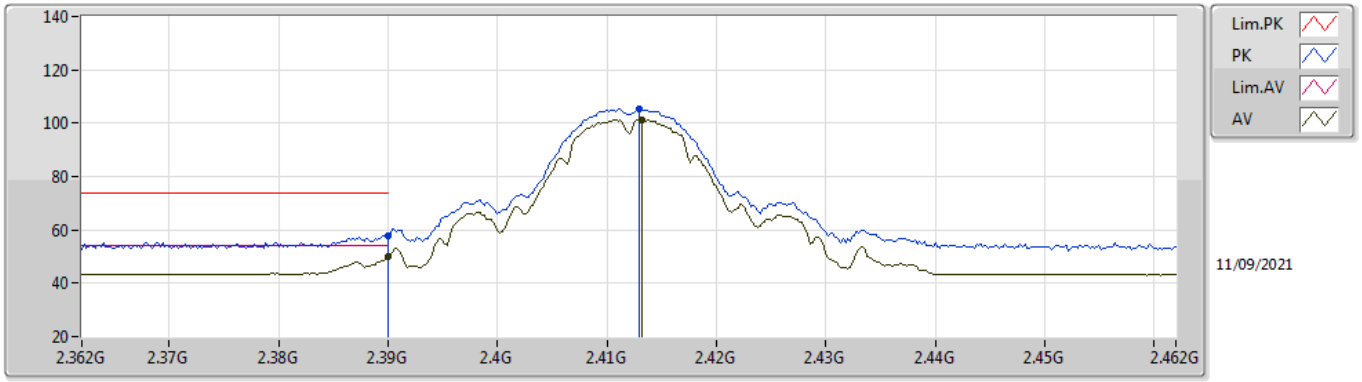


EUT Y_1TX
Setting 71
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3898G	59.68	74.00	-14.32	29.12	3	Vertical	101	2.62	-	27.48	3.08	-
AV	2.39G	52.66	54.00	-1.34	22.10	3	Vertical	101	2.62	-	27.48	3.08	-
PK	2.411G	108.28	Inf	-Inf	77.81	3	Vertical	101	2.62	-	27.36	3.11	-
AV	2.4102G	104.45	Inf	-Inf	73.98	3	Vertical	101	2.62	-	27.36	3.11	-

802.11b_Nss1,(1Mbps)_1TX

2412MHz_TX

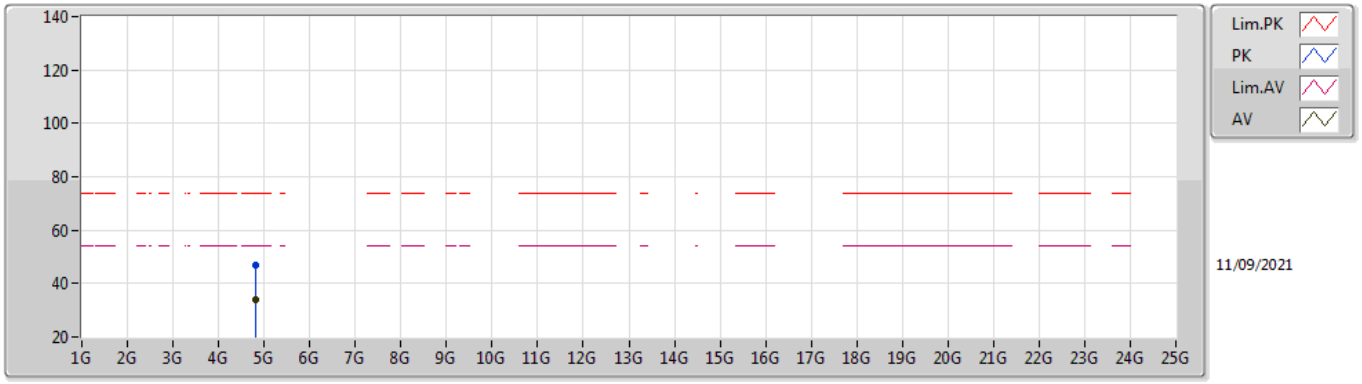


EUT Y_1TX
Setting 71
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.39G	57.99	74.00	-16.01	27.43	3	Horizontal	129	1.86	-	27.48	3.08	-
AV	2.39G	49.84	54.00	-4.16	19.28	3	Horizontal	129	1.86	-	27.48	3.08	-
PK	2.413G	105.25	Inf	-Inf	74.79	3	Horizontal	129	1.86	-	27.35	3.11	-
AV	2.4132G	101.19	Inf	-Inf	70.73	3	Horizontal	129	1.86	-	27.35	3.11	-

802.11b_Nss1,(1Mbps)_1TX

2412MHz_TX

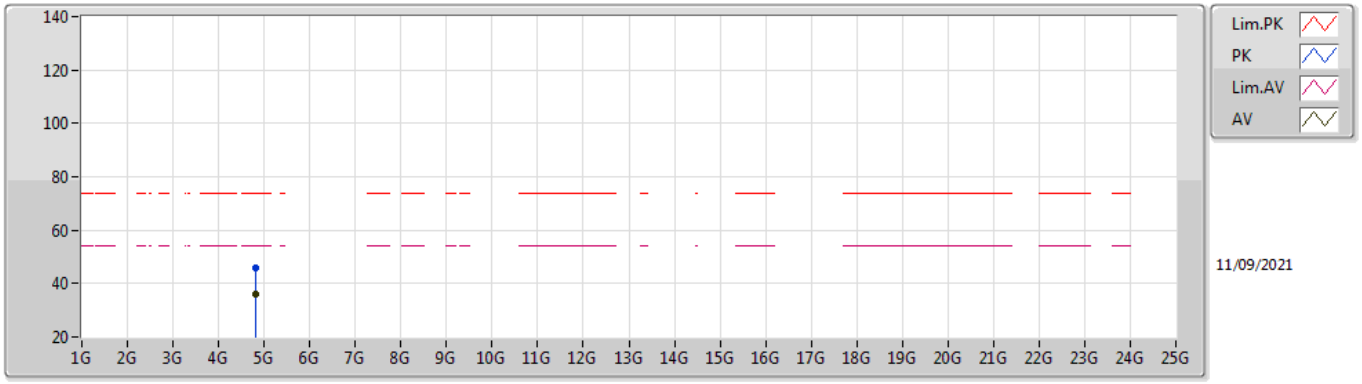


EUT Y_1TX
Setting 71
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.81756G	46.83	74.00	-27.17	42.83	3	Vertical	354	2.63	-	31.06	5.00	32.06
AV	4.82388G	33.94	54.00	-20.06	29.95	3	Vertical	354	2.63	-	31.05	5.00	32.06

802.11b_Nss1,(1Mbps)_1TX

2412MHz_TX

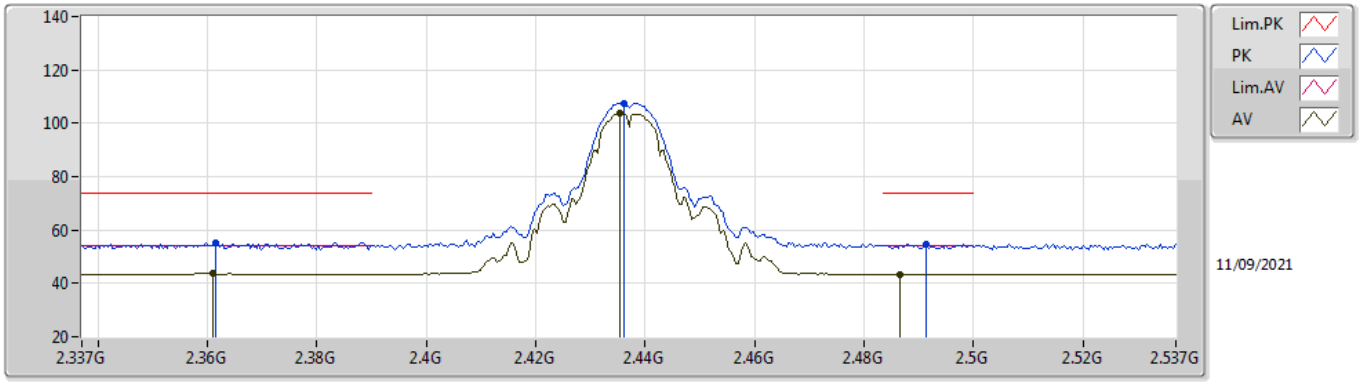


EUT Y_1TX
Setting 71
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.82388G	46.07	74.00	-27.93	42.08	3	Horizontal	295	2.07	-	31.05	5.00	32.06
AV	4.82392G	35.92	54.00	-18.08	31.93	3	Horizontal	295	2.07	-	31.05	5.00	32.06

802.11b_Nss1,(1Mbps)_1TX

2437MHz_TX

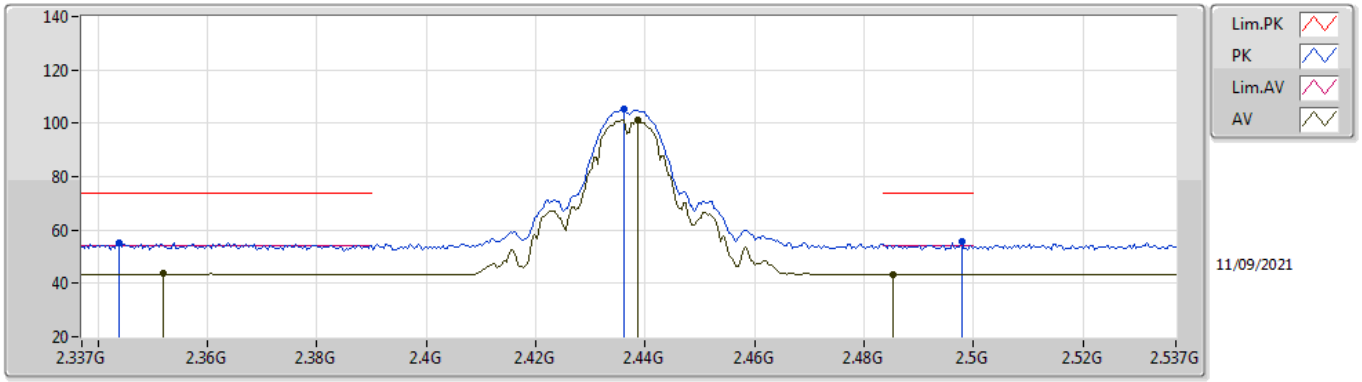


EUT Y_1TX
Setting 72
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3614G	55.16	74.00	-18.84	24.43	3	Vertical	101	2.34	-	27.71	3.02	-
AV	2.361G	43.72	54.00	-10.28	12.99	3	Vertical	101	2.34	-	27.71	3.02	-
PK	2.4362G	107.64	Inf	-Inf	77.24	3	Vertical	101	2.34	-	27.26	3.14	-
AV	2.4354G	103.84	Inf	-Inf	73.44	3	Vertical	101	2.34	-	27.26	3.14	-
PK	2.4914G	54.65	74.00	-19.35	24.18	3	Vertical	101	2.34	-	27.28	3.19	-
AV	2.4866G	43.38	54.00	-10.62	12.92	3	Vertical	101	2.34	-	27.27	3.19	-

802.11b_Nss1,(1Mbps)_1TX

2437MHz_TX

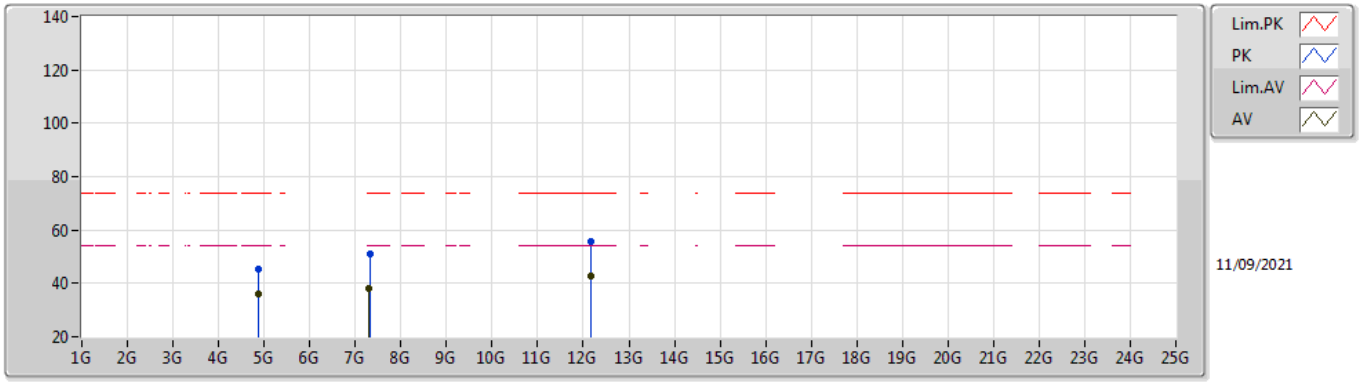


EUT Y_1TX
Setting 72
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3438G	55.14	74.00	-18.86	24.33	3	Horizontal	130	1.52	-	27.82	2.99	-
AV	2.3518G	43.60	54.00	-10.40	12.81	3	Horizontal	130	1.52	-	27.79	3.00	-
PK	2.4362G	105.14	Inf	-Inf	74.74	3	Horizontal	130	1.52	-	27.26	3.14	-
AV	2.4386G	101.21	Inf	-Inf	70.82	3	Horizontal	130	1.52	-	27.25	3.14	-
PK	2.4978G	55.76	74.00	-18.24	25.26	3	Horizontal	130	1.52	-	27.30	3.20	-
AV	2.4854G	43.44	54.00	-10.56	12.98	3	Horizontal	130	1.52	-	27.27	3.19	-

802.11b_Nss1,(1Mbps)_1TX

2437MHz_TX

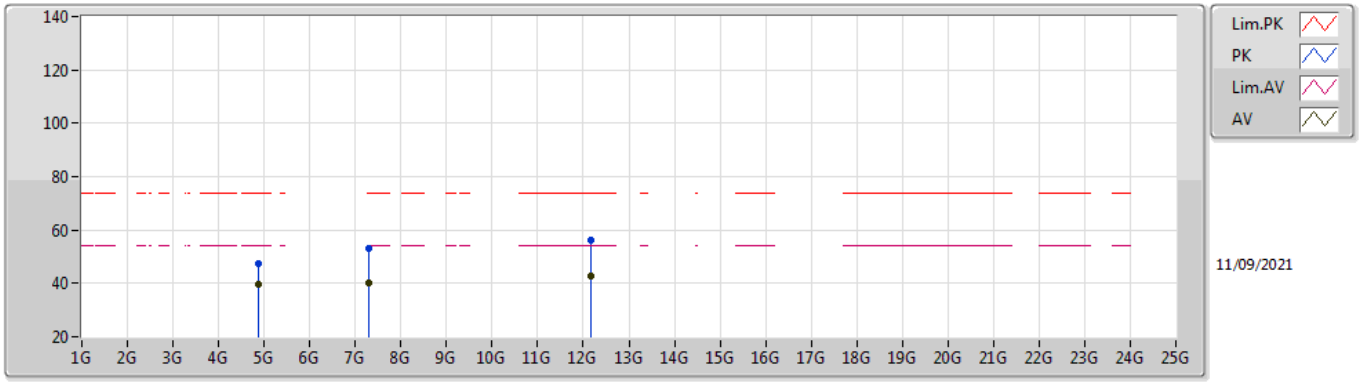


EUT Y_1TX
Setting 72
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.87408G	45.33	74.00	-28.67	41.30	3	Vertical	342	1.77	-	31.05	5.00	32.02
AV	4.87392G	36.28	54.00	-17.72	32.25	3	Vertical	342	1.77	-	31.05	5.00	32.02
PK	7.3126G	50.87	74.00	-23.13	41.89	3	Vertical	144	2.69	-	36.35	6.10	33.47
AV	7.30912G	37.94	54.00	-16.06	28.94	3	Vertical	144	2.69	-	36.36	6.10	33.46
PK	12.17884G	55.87	74.00	-18.13	42.67	3	Vertical	58	1.90	-	38.76	8.60	34.16
AV	12.1766G	42.78	54.00	-11.22	29.57	3	Vertical	58	1.90	-	38.77	8.60	34.16

802.11b_Nss1,(1Mbps)_1TX

2437MHz_TX

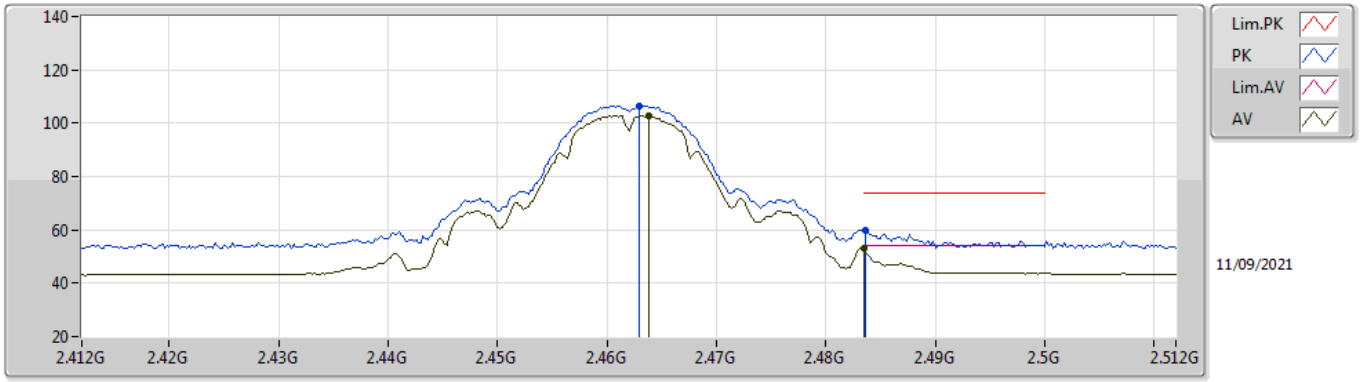


EUT Y_1TX
Setting 72
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.8738G	47.25	74.00	-26.75	43.22	3	Horizontal	331	2.02	-	31.05	5.00	32.02
AV	4.874G	39.61	54.00	-14.39	35.58	3	Horizontal	331	2.02	-	31.05	5.00	32.02
PK	7.30992G	53.16	74.00	-20.84	44.16	3	Horizontal	316	1.57	-	36.36	6.10	33.46
AV	7.30924G	40.37	54.00	-13.63	31.37	3	Horizontal	316	1.57	-	36.36	6.10	33.46
PK	12.17632G	55.99	74.00	-18.01	42.78	3	Horizontal	206	1.89	-	38.77	8.60	34.16
AV	12.17648G	42.77	54.00	-11.23	29.56	3	Horizontal	206	1.89	-	38.77	8.60	34.16

802.11b_Nss1,(1Mbps)_1TX

2462MHz_TX

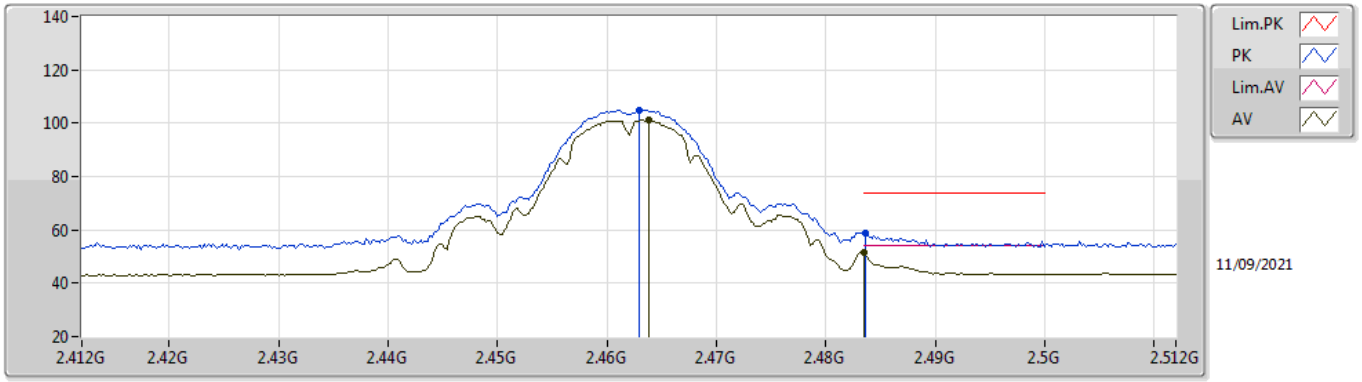


EUT Y_1TX
Setting 70
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.463G	106.63	Inf	-Inf	76.24	3	Vertical	100	2.28	-	27.23	3.16	-
AV	2.4638G	102.77	Inf	-Inf	72.38	3	Vertical	100	2.28	-	27.23	3.16	-
PK	2.4836G	59.76	74.00	-14.24	29.31	3	Vertical	100	2.28	-	27.27	3.18	-
AV	2.4835G	52.99	54.00	-1.01	22.54	3	Vertical	100	2.28	-	27.27	3.18	-

802.11b_Nss1,(1Mbps)_1TX

2462MHz_TX

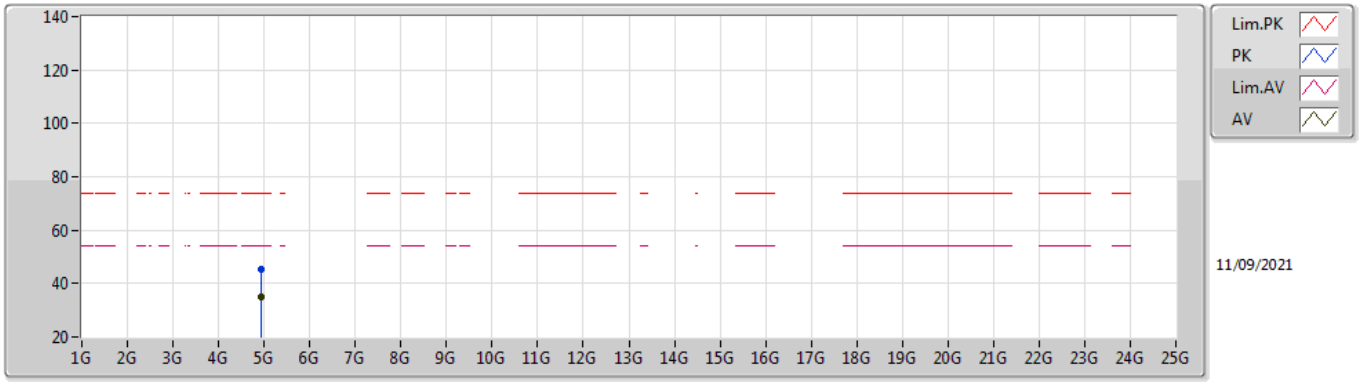


EUT Y_1TX
Setting 70
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.463G	105.03	Inf	-Inf	74.64	3	Horizontal	131	2.10	-	27.23	3.16	-
AV	2.4638G	101.19	Inf	-Inf	70.80	3	Horizontal	131	2.10	-	27.23	3.16	-
PK	2.4836G	58.94	74.00	-15.06	28.49	3	Horizontal	131	2.10	-	27.27	3.18	-
AV	2.4835G	51.71	54.00	-2.29	21.26	3	Horizontal	131	2.10	-	27.27	3.18	-

802.11b_Nss1,(1Mbps)_1TX

2462MHz_TX

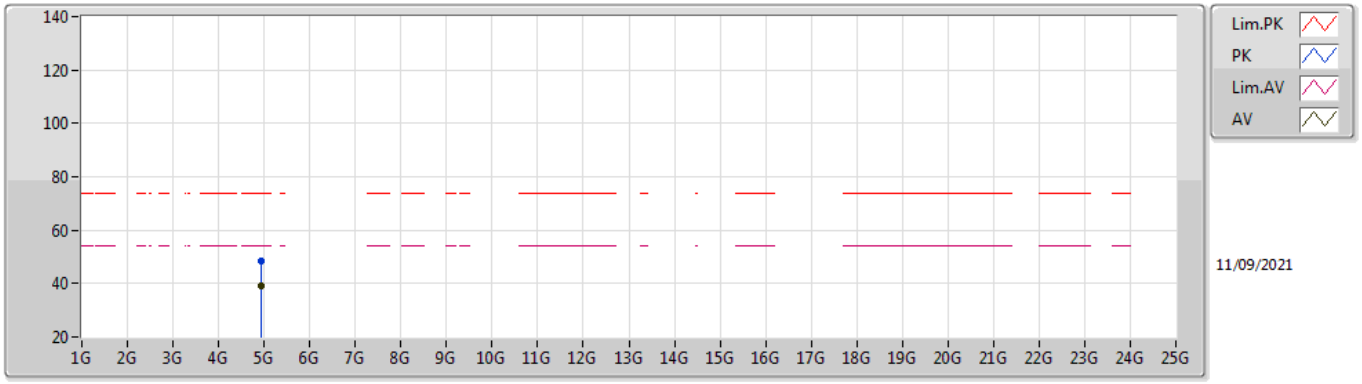


EUT Y_1TX
Setting 70
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.92372G	45.56	74.00	-28.44	41.34	3	Vertical	110	2.45	-	31.19	5.00	31.97
AV	4.924G	35.21	54.00	-18.79	30.98	3	Vertical	110	2.45	-	31.20	5.00	31.97

802.11b_Nss1,(1Mbps)_1TX

2462MHz_TX

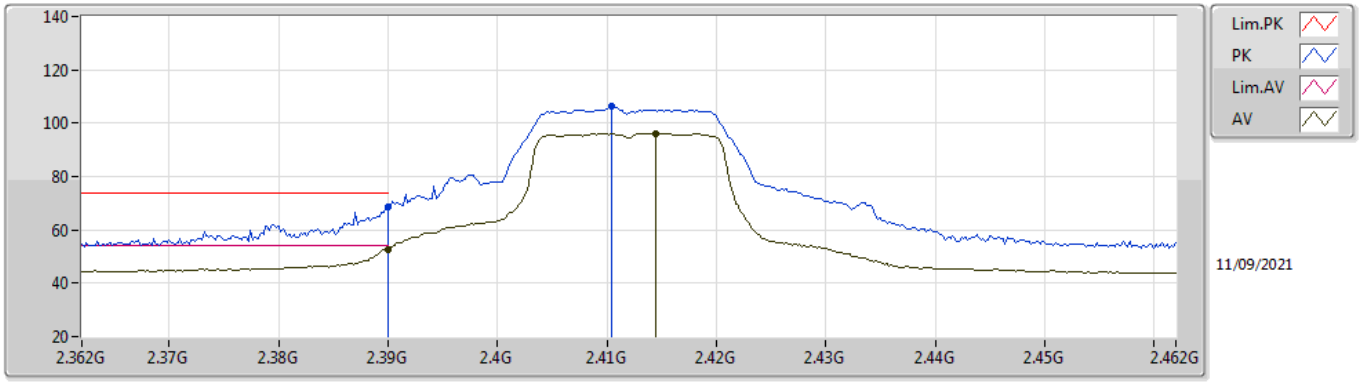


EUT Y_1TX
Setting 70
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.92412G	48.20	74.00	-25.80	43.97	3	Horizontal	24	1.86	-	31.20	5.00	31.97
AV	4.92396G	39.23	54.00	-14.77	35.00	3	Horizontal	24	1.86	-	31.20	5.00	31.97

802.11g_Nss1,(6Mbps)_1TX

2412MHz_TX

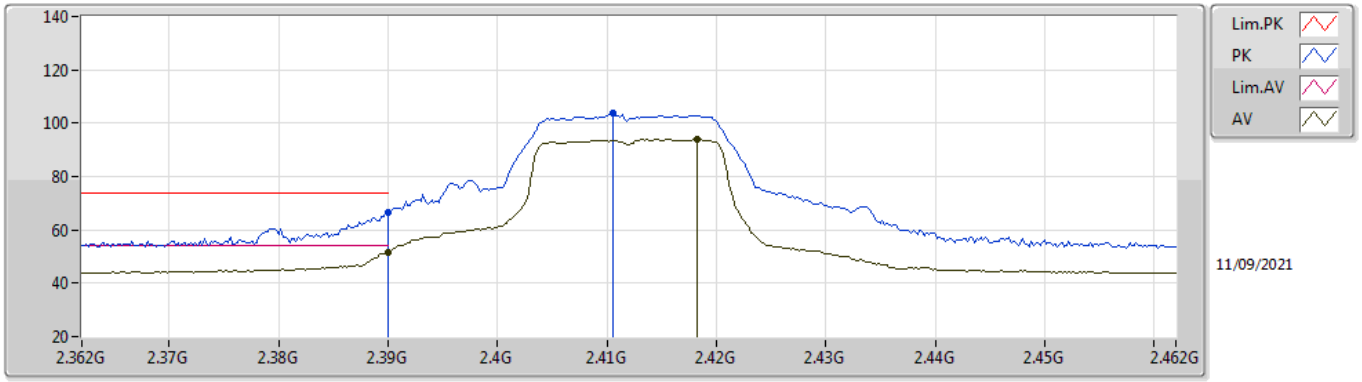


EUT Y_1TX
Setting 58
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.39G	68.52	74.00	-5.48	37.96	3	Vertical	99	1.13	-	27.48	3.08	-
AV	2.39G	52.81	54.00	-1.19	22.25	3	Vertical	99	1.13	-	27.48	3.08	-
PK	2.4104G	106.14	Inf	-Inf	75.67	3	Vertical	99	1.13	-	27.36	3.11	-
AV	2.4144G	96.25	Inf	-Inf	65.80	3	Vertical	99	1.13	-	27.34	3.11	-

802.11g_Nss1,(6Mbps)_1TX

2412MHz_TX

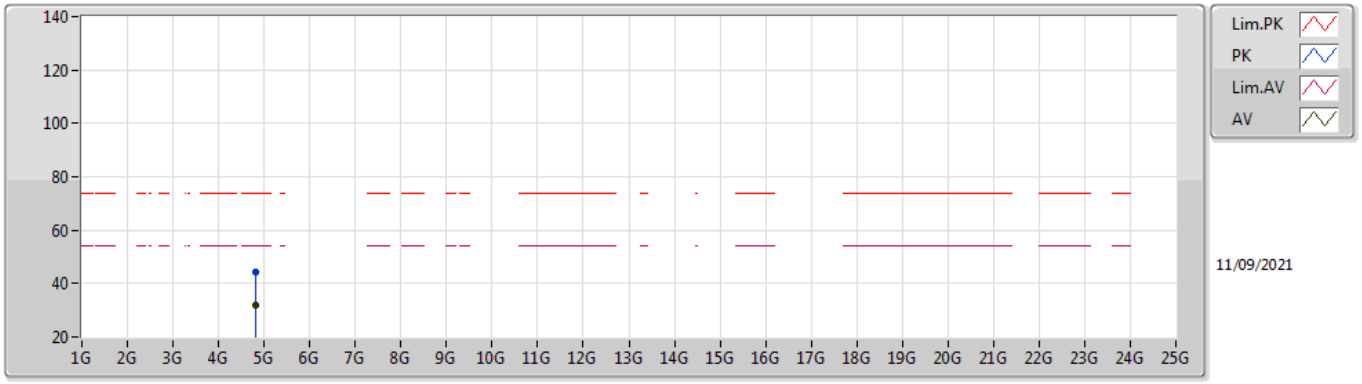


EUT Y_1TX
Setting 58
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.39G	66.62	74.00	-7.38	36.06	3	Horizontal	130	1.89	-	27.48	3.08	-
AV	2.39G	51.61	54.00	-2.39	21.05	3	Horizontal	130	1.89	-	27.48	3.08	-
PK	2.4106G	104.01	Inf	-Inf	73.54	3	Horizontal	130	1.89	-	27.36	3.11	-
AV	2.4182G	93.99	Inf	-Inf	63.54	3	Horizontal	130	1.89	-	27.33	3.12	-

802.11g_Nss1,(6Mbps)_1TX

2412MHz_TX

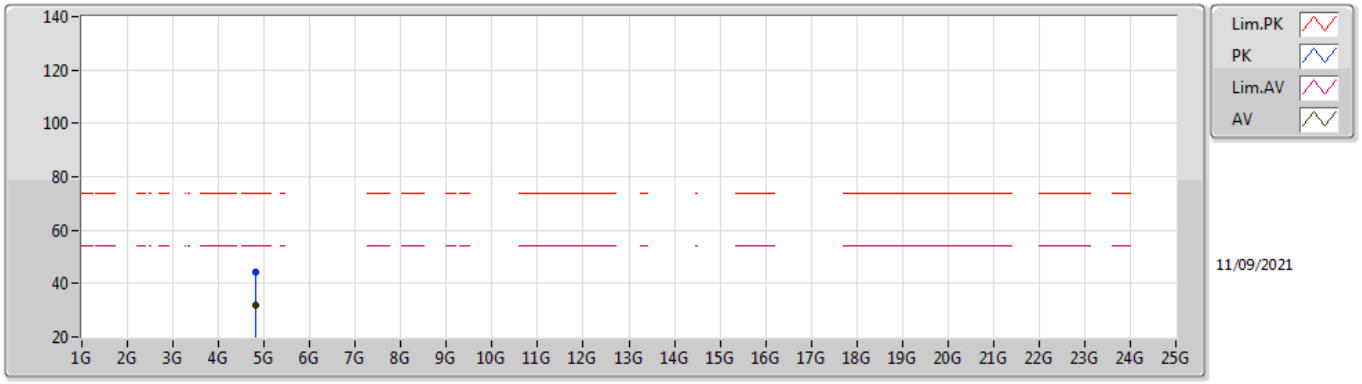


EUT Y_1TX
Setting 58
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.8193G	44.18	74.00	-29.82	40.18	3	Vertical	354	2.93	-	31.06	5.00	32.06
AV	4.82308G	31.89	54.00	-22.11	27.90	3	Vertical	354	2.93	-	31.05	5.00	32.06

802.11g_Nss1,(6Mbps)_1TX

2412MHz_TX

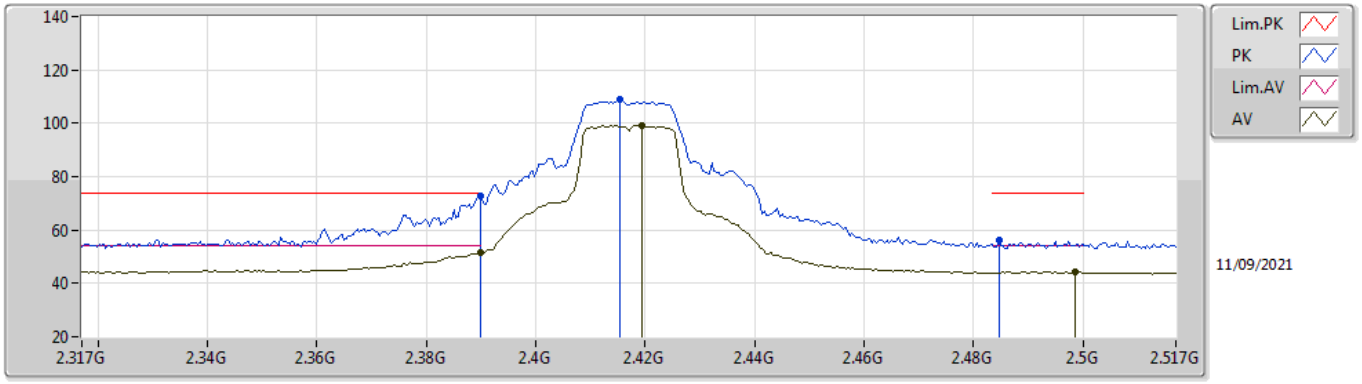


EUT Y_1TX
Setting 58
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.82672G	44.46	74.00	-29.54	40.47	3	Horizontal	272	1.28	-	31.05	5.00	32.06
AV	4.82478G	32.04	54.00	-21.96	28.05	3	Horizontal	272	1.28	-	31.05	5.00	32.06

802.11g_Nss1,(6Mbps)_1TX

2417MHz_TX

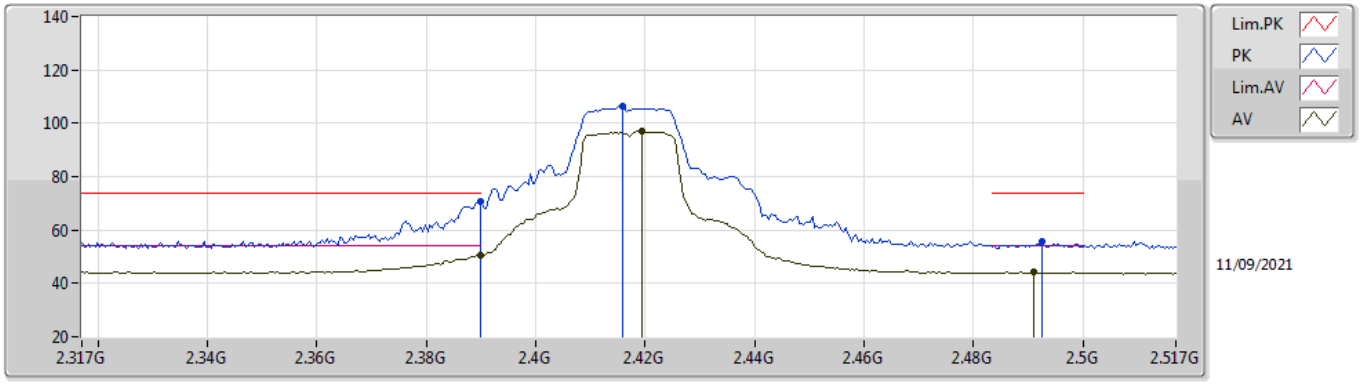


EUT Y_1TX
Setting 70
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3898G	72.70	74.00	-1.30	42.14	3	Vertical	97	1.11	-	27.48	3.08	-
AV	2.3898G	51.31	54.00	-2.69	20.75	3	Vertical	97	1.11	-	27.48	3.08	-
PK	2.4154G	108.82	Inf	-Inf	78.36	3	Vertical	97	1.11	-	27.34	3.12	-
AV	2.4194G	99.03	Inf	-Inf	68.59	3	Vertical	97	1.11	-	27.32	3.12	-
PK	2.4846G	56.39	74.00	-17.61	25.94	3	Vertical	97	1.11	-	27.27	3.18	-
AV	2.4986G	44.46	54.00	-9.54	13.96	3	Vertical	97	1.11	-	27.30	3.20	-

802.11g_Nss1,(6Mbps)_1TX

2417MHz_TX

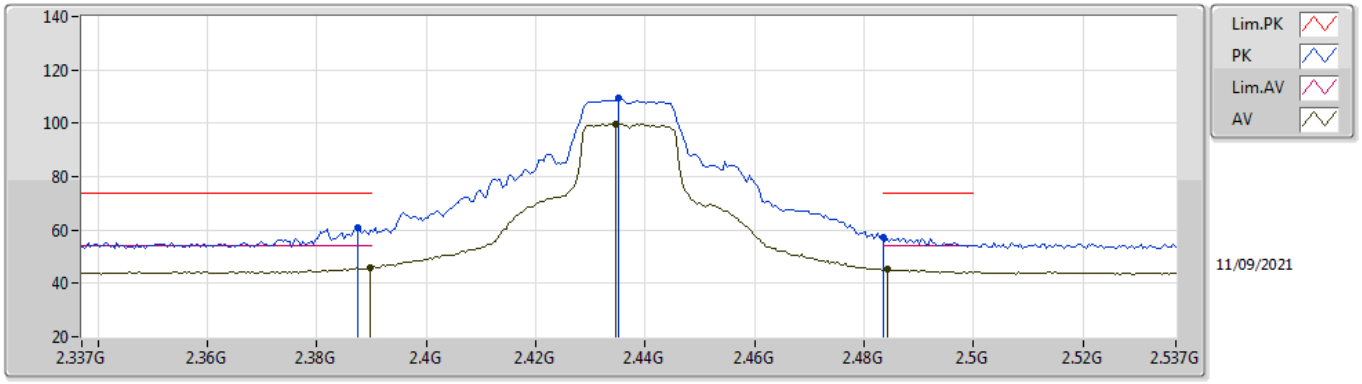


EUT Y_1TX
Setting 70
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3898G	70.88	74.00	-3.12	40.32	3	Horizontal	130	1.89	-	27.48	3.08	-
AV	2.3898G	50.52	54.00	-3.48	19.96	3	Horizontal	130	1.89	-	27.48	3.08	-
PK	2.4158G	106.32	Inf	-Inf	75.86	3	Horizontal	130	1.89	-	27.34	3.12	-
AV	2.4194G	96.93	Inf	-Inf	66.49	3	Horizontal	130	1.89	-	27.32	3.12	-
PK	2.4926G	55.64	74.00	-18.36	25.16	3	Horizontal	130	1.89	-	27.29	3.19	-
AV	2.491G	44.16	54.00	-9.84	13.69	3	Horizontal	130	1.89	-	27.28	3.19	-

802.11g_Nss1,(6Mbps)_1TX

2437MHz_TX

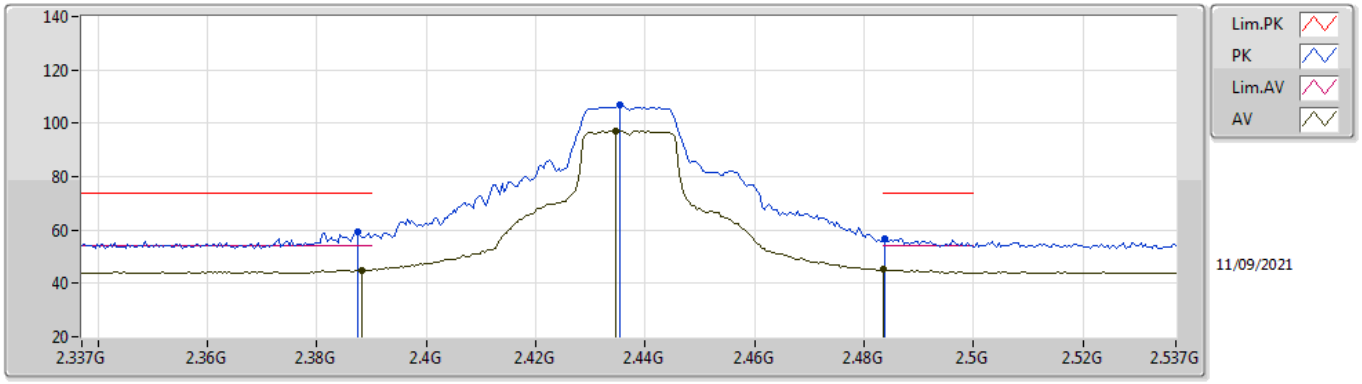


EUT Y_1TX
Setting 72
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3874G	60.95	74.00	-13.05	30.38	3	Vertical	101	2.33	-	27.50	3.07	-
AV	2.3898G	45.93	54.00	-8.07	15.37	3	Vertical	101	2.33	-	27.48	3.08	-
PK	2.435G	109.54	Inf	-Inf	79.14	3	Vertical	101	2.33	-	27.26	3.14	-
AV	2.4346G	99.78	Inf	-Inf	69.39	3	Vertical	101	2.33	-	27.26	3.13	-
PK	2.4835G	57.30	74.00	-16.70	26.85	3	Vertical	101	2.33	-	27.27	3.18	-
AV	2.4842G	45.43	54.00	-8.57	14.98	3	Vertical	101	2.33	-	27.27	3.18	-

802.11g_Nss1,(6Mbps)_1TX

2437MHz_TX

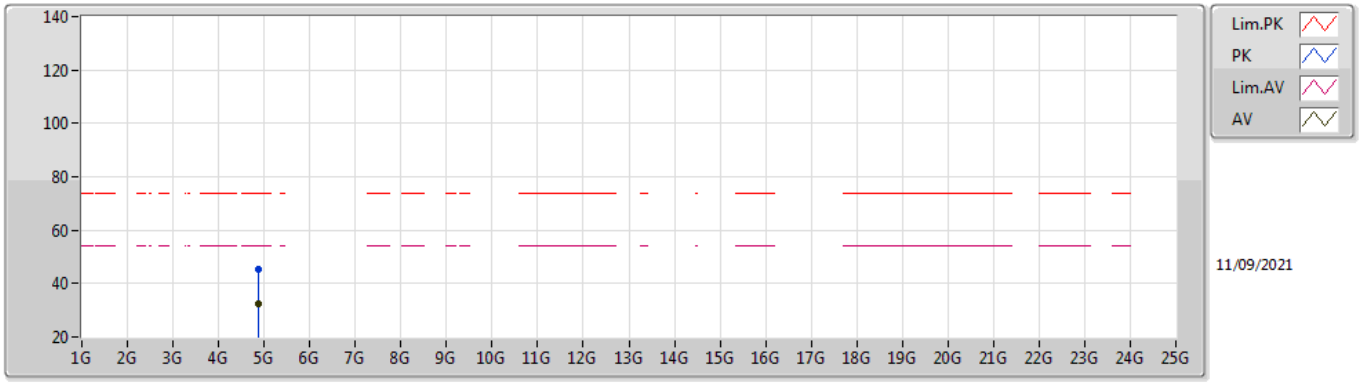


EUT Y_1TX
Setting 72
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3874G	59.38	74.00	-14.62	28.81	3	Horizontal	129	1.51	-	27.50	3.07	-
AV	2.3882G	45.07	54.00	-8.93	14.50	3	Horizontal	129	1.51	-	27.49	3.08	-
PK	2.4354G	106.90	Inf	-Inf	76.50	3	Horizontal	129	1.51	-	27.26	3.14	-
AV	2.4346G	97.15	Inf	-Inf	66.76	3	Horizontal	129	1.51	-	27.26	3.13	-
PK	2.4838G	56.94	74.00	-17.06	26.49	3	Horizontal	129	1.51	-	27.27	3.18	-
AV	2.4835G	45.46	54.00	-8.54	15.01	3	Horizontal	129	1.51	-	27.27	3.18	-

802.11g_Nss1,(6Mbps)_1TX

2437MHz_TX

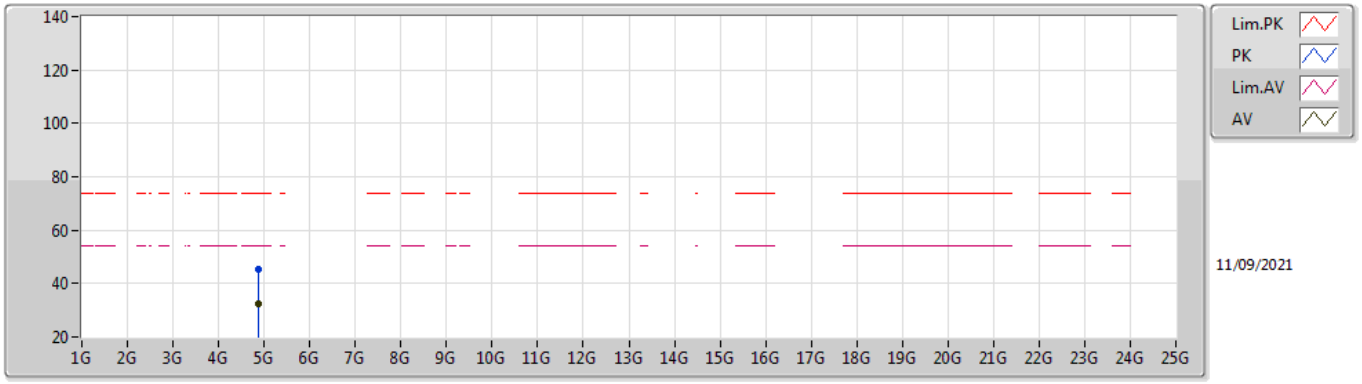


EUT Y_1TX
Setting 72
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.87012G	45.18	74.00	-28.82	41.16	3	Vertical	5	1.13	-	31.04	5.00	32.02
AV	4.87602G	32.36	54.00	-21.64	28.32	3	Vertical	5	1.13	-	31.05	5.00	32.01

802.11g_Nss1,(6Mbps)_1TX

2437MHz_TX

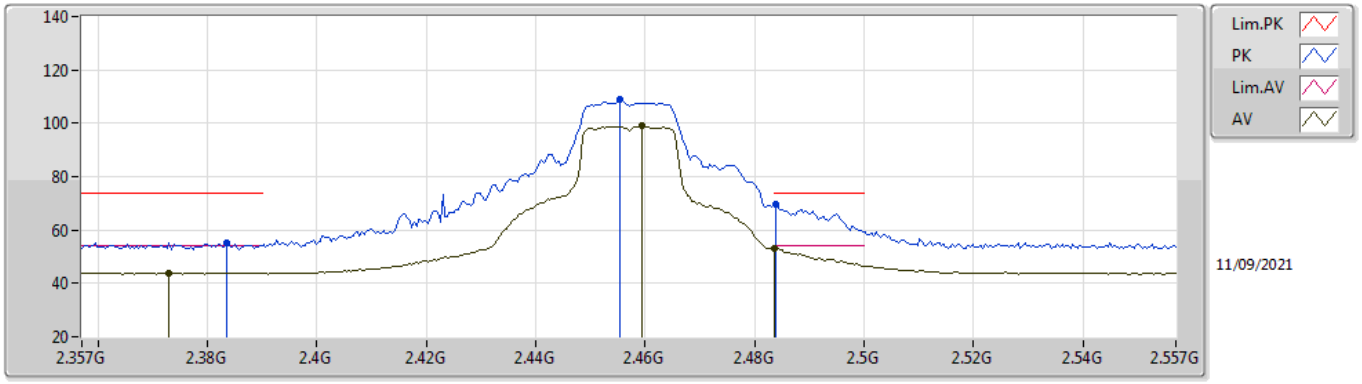


EUT Y_1TX
Setting 72
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.87794G	45.35	74.00	-28.65	41.30	3	Horizontal	142	2.62	-	31.06	5.00	32.01
AV	4.87724G	32.61	54.00	-21.39	28.57	3	Horizontal	142	2.62	-	31.05	5.00	32.01

802.11g_Nss1,(6Mbps)_1TX

2457MHz_TX

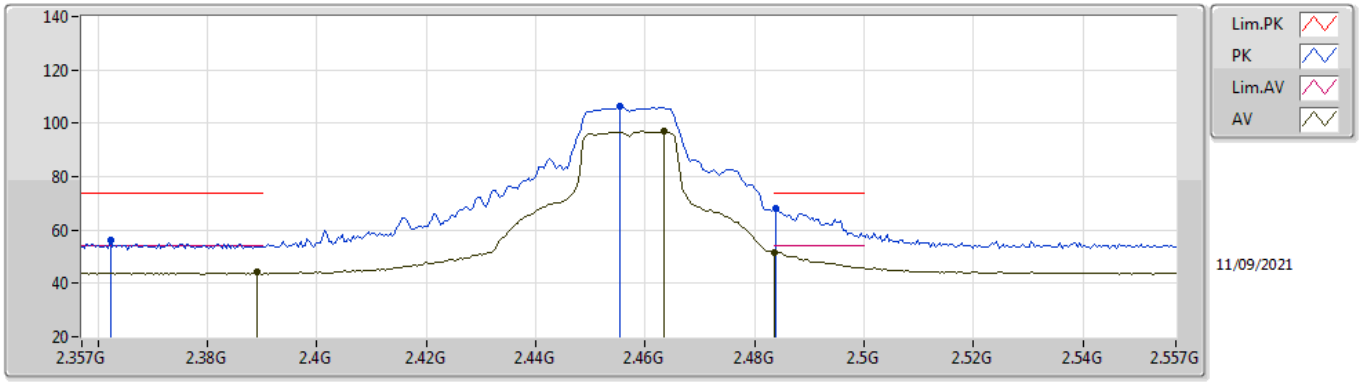


EUT Y_1TX
Setting 70
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3834G	55.30	74.00	-18.70	24.70	3	Vertical	100	2.26	-	27.53	3.07	-
AV	2.373G	43.95	54.00	-10.05	13.28	3	Vertical	100	2.26	-	27.62	3.05	-
PK	2.4554G	108.71	Inf	-Inf	78.34	3	Vertical	100	2.26	-	27.21	3.16	-
AV	2.4594G	98.92	Inf	-Inf	68.54	3	Vertical	100	2.26	-	27.22	3.16	-
PK	2.4838G	69.40	74.00	-4.60	38.95	3	Vertical	100	2.26	-	27.27	3.18	-
AV	2.4835G	52.99	54.00	-1.01	22.54	3	Vertical	100	2.26	-	27.27	3.18	-

802.11g_Nss1,(6Mbps)_1TX

2457MHz_TX

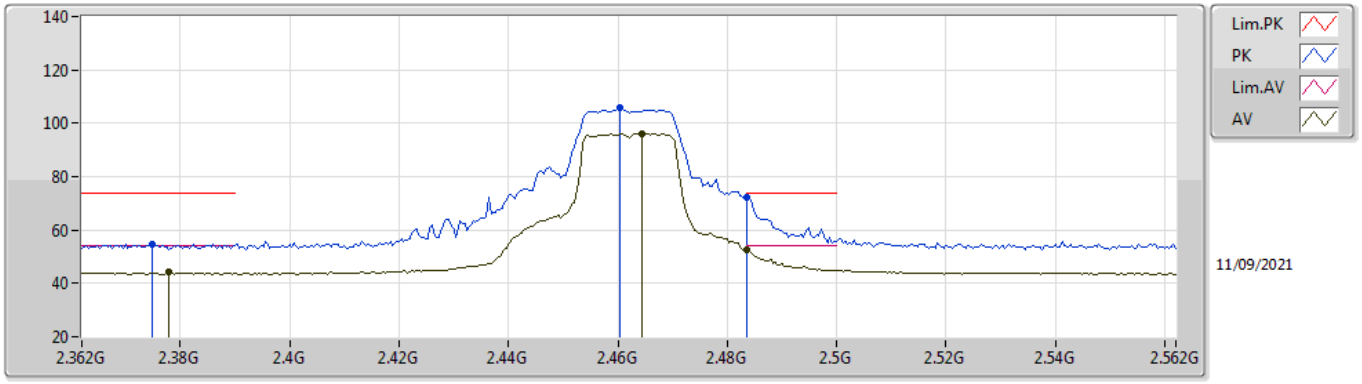


EUT Y_1TX
Setting 70
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3622G	56.09	74.00	-17.91	25.37	3	Horizontal	132	2.11	-	27.70	3.02	-
AV	2.389G	44.06	54.00	-9.94	13.49	3	Horizontal	132	2.11	-	27.49	3.08	-
PK	2.4554G	106.52	Inf	-Inf	76.15	3	Horizontal	132	2.11	-	27.21	3.16	-
AV	2.4634G	96.95	Inf	-Inf	66.56	3	Horizontal	132	2.11	-	27.23	3.16	-
PK	2.4838G	68.26	74.00	-5.74	37.81	3	Horizontal	132	2.11	-	27.27	3.18	-
AV	2.4835G	51.71	54.00	-2.29	21.26	3	Horizontal	132	2.11	-	27.27	3.18	-

802.11g_Nss1,(6Mbps)_1TX

2462MHz_TX

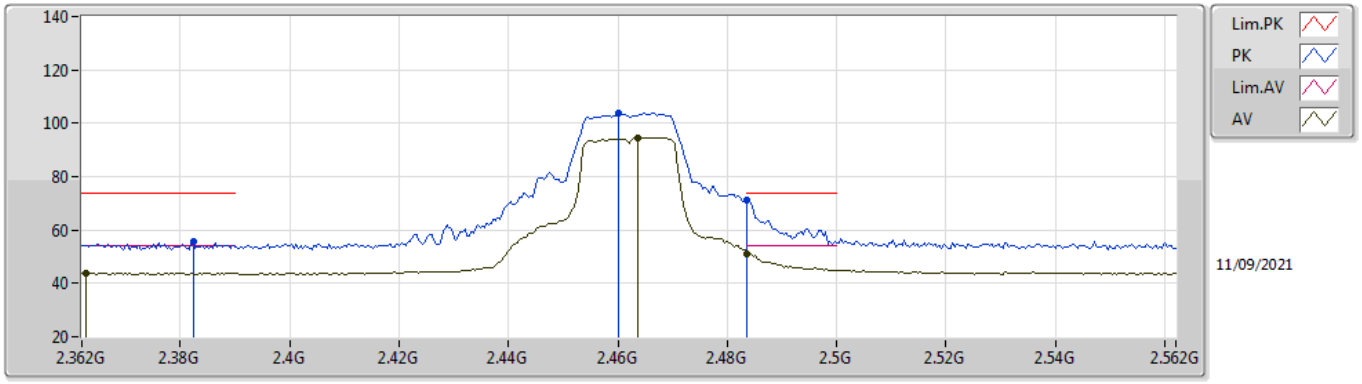


EUT Y_1TX
Setting 59
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3748G	54.60	74.00	-19.40	23.95	3	Vertical	101	2.54	-	27.60	3.05	-
AV	2.378G	44.10	54.00	-9.90	13.46	3	Vertical	101	2.54	-	27.58	3.06	-
PK	2.4604G	105.79	Inf	-Inf	75.41	3	Vertical	101	2.54	-	27.22	3.16	-
AV	2.4644G	96.16	Inf	-Inf	65.77	3	Vertical	101	2.54	-	27.23	3.16	-
PK	2.4835G	72.04	74.00	-1.96	41.59	3	Vertical	101	2.54	-	27.27	3.18	-
AV	2.4835G	52.84	54.00	-1.16	22.39	3	Vertical	101	2.54	-	27.27	3.18	-

802.11g_Nss1,(6Mbps)_1TX

2462MHz_TX

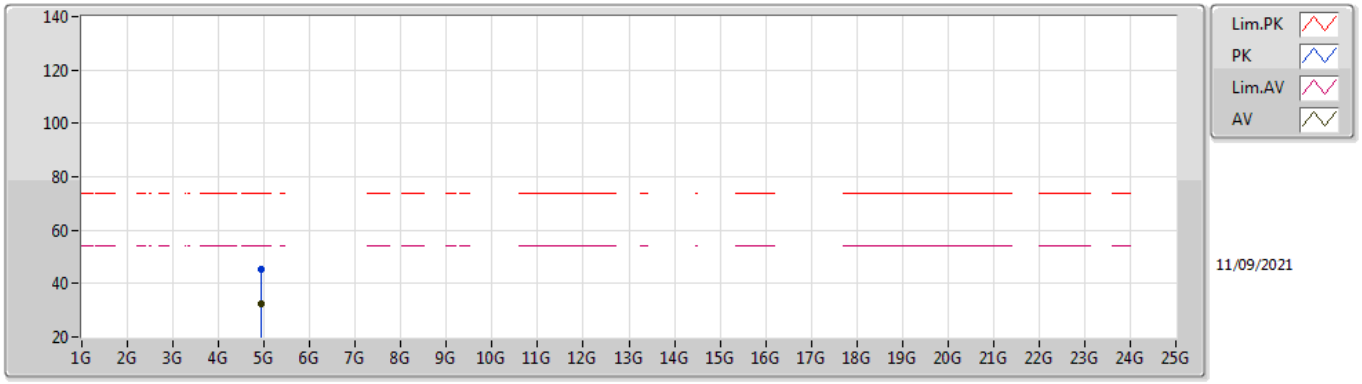


EUT Y_1TX
Setting 59
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3824G	55.83	74.00	-18.17	25.23	3	Horizontal	132	2.10	-	27.54	3.06	-
AV	2.3628G	43.90	54.00	-10.10	13.17	3	Horizontal	132	2.10	-	27.70	3.03	-
PK	2.46G	103.80	Inf	-Inf	73.42	3	Horizontal	132	2.10	-	27.22	3.16	-
AV	2.4636G	94.66	Inf	-Inf	64.27	3	Horizontal	132	2.10	-	27.23	3.16	-
PK	2.4835G	71.27	74.00	-2.73	40.82	3	Horizontal	132	2.10	-	27.27	3.18	-
AV	2.4835G	51.08	54.00	-2.92	20.63	3	Horizontal	132	2.10	-	27.27	3.18	-

802.11g_Nss1,(6Mbps)_1TX

2462MHz_TX

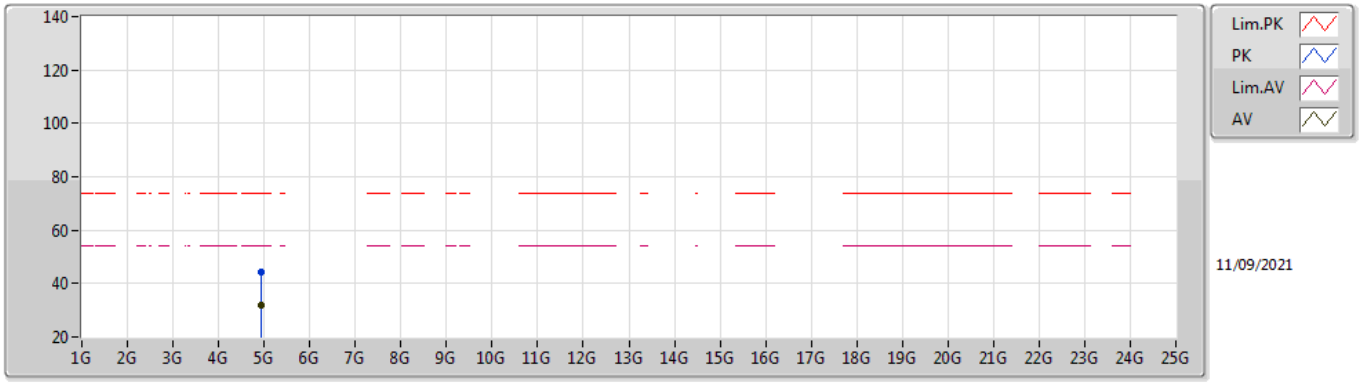


EUT Y_1TX
Setting 59
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.92862G	45.16	74.00	-28.84	40.92	3	Vertical	123	1.54	-	31.21	5.00	31.97
AV	4.92834G	32.22	54.00	-21.78	27.98	3	Vertical	123	1.54	-	31.21	5.00	31.97

802.11g_Nss1,(6Mbps)_1TX

2462MHz_TX

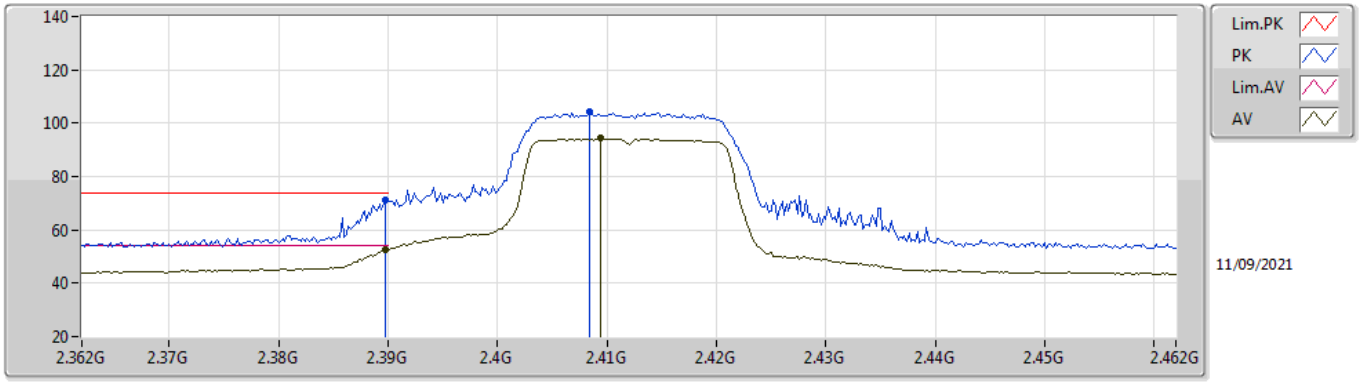


EUT Y_1TX
Setting 59
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.92738G	44.34	74.00	-29.66	40.10	3	Horizontal	329	2.37	-	31.21	5.00	31.97
AV	4.9261G	32.02	54.00	-21.98	27.79	3	Horizontal	329	2.37	-	31.20	5.00	31.97

802.11n HT20_Nss1,(MCS0)_1TX

2412MHz_TX

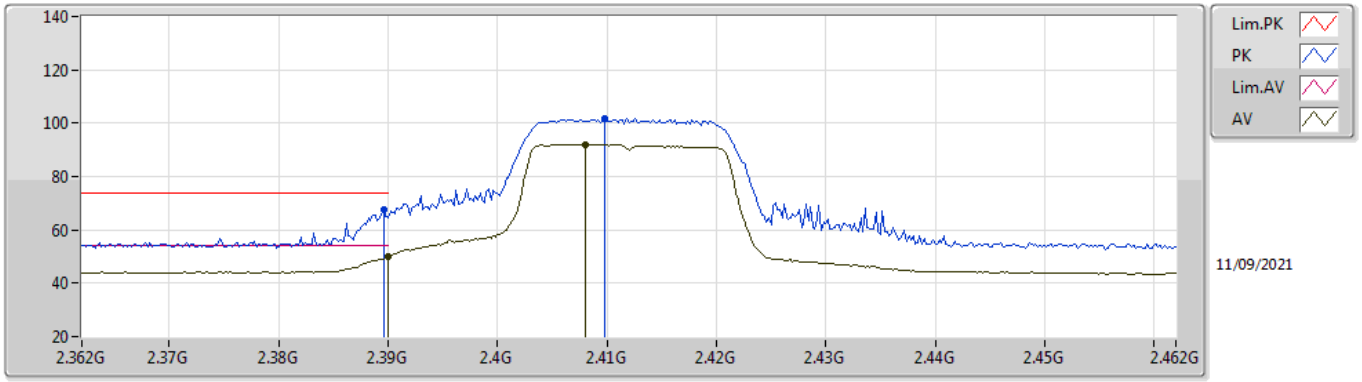


EUT Y_1TX
Setting 50
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3898G	71.15	74.00	-2.85	40.59	3	Vertical	94	2.14	-	27.48	3.08	-
AV	2.3898G	52.77	54.00	-1.23	22.21	3	Vertical	94	2.14	-	27.48	3.08	-
PK	2.4084G	104.12	Inf	-Inf	73.64	3	Vertical	94	2.14	-	27.37	3.11	-
AV	2.4094G	94.34	Inf	-Inf	63.87	3	Vertical	94	2.14	-	27.36	3.11	-

802.11n HT20_Nss1,(MCS0)_1TX

2412MHz_TX

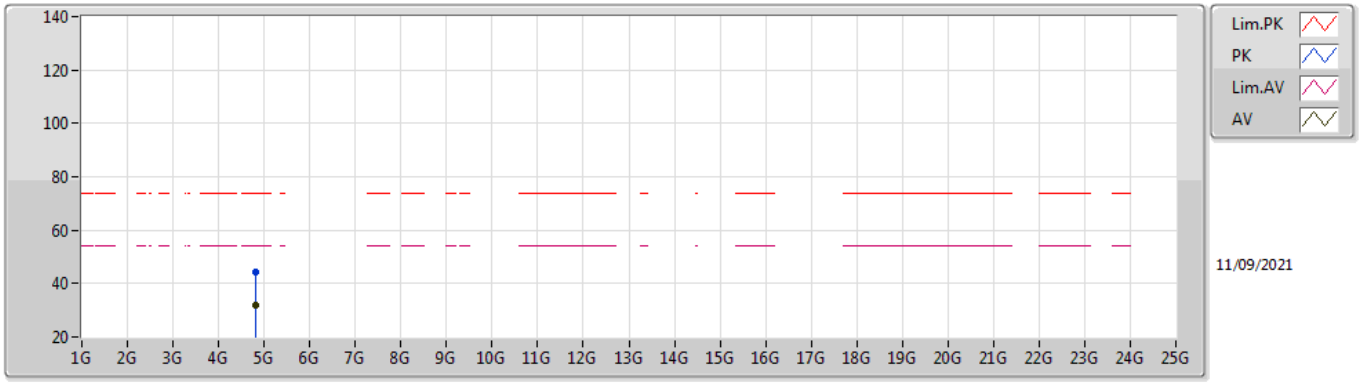


EUT Y_1TX
Setting 50
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3896G	67.56	74.00	-6.44	37.00	3	Horizontal	129	1.31	-	27.48	3.08	-
AV	2.39G	50.18	54.00	-3.82	19.62	3	Horizontal	129	1.31	-	27.48	3.08	-
PK	2.4098G	101.94	Inf	-Inf	71.47	3	Horizontal	129	1.31	-	27.36	3.11	-
AV	2.408G	92.10	Inf	-Inf	61.62	3	Horizontal	129	1.31	-	27.37	3.11	-

802.11n HT20_Nss1,(MCS0)_1TX

2412MHz_TX

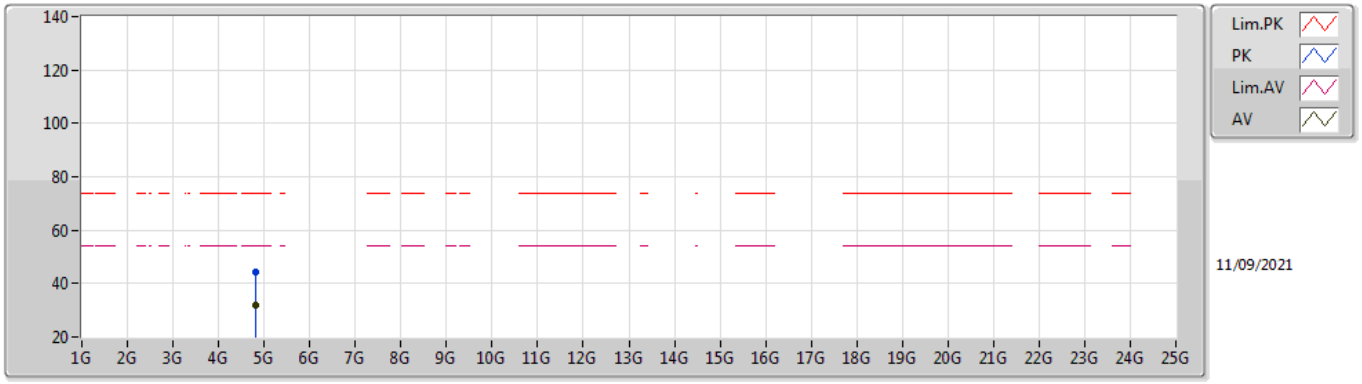


EUT Y_1TX
Setting 50
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.82344G	44.56	74.00	-29.44	40.57	3	Vertical	296	2.98	-	31.05	5.00	32.06
AV	4.82262G	31.88	54.00	-22.12	27.89	3	Vertical	296	2.98	-	31.05	5.00	32.06

802.11n HT20_Nss1,(MCS0)_1TX

2412MHz_TX

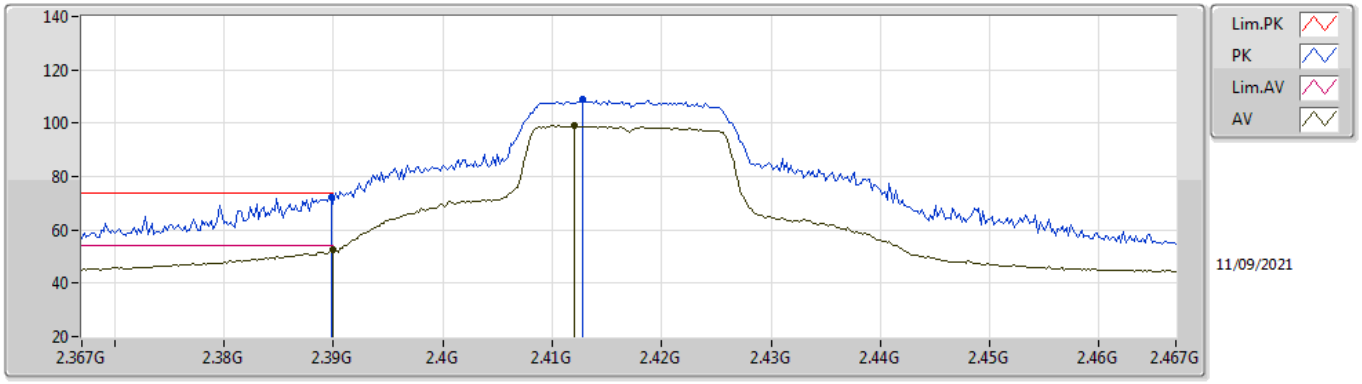


EUT Y_1TX
Setting 50
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.82494G	44.40	74.00	-29.60	40.41	3	Horizontal	114	2.37	-	31.05	5.00	32.06
AV	4.823G	31.86	54.00	-22.14	27.87	3	Horizontal	114	2.37	-	31.05	5.00	32.06

802.11n HT20_Nss1,(MCS0)_1TX

2417MHz_TX

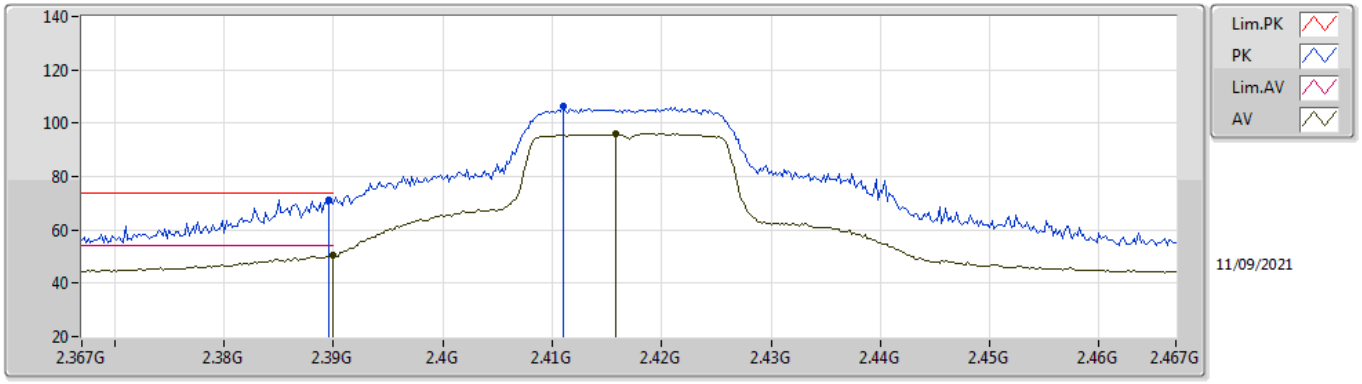


EUT Y_1TX
Setting 68
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3898G	72.43	74.00	-1.57	41.87	3	Vertical	98	2.62	-	27.48	3.08	-
AV	2.39G	52.77	54.00	-1.23	22.21	3	Vertical	98	2.62	-	27.48	3.08	-
PK	2.4128G	108.83	Inf	-Inf	78.37	3	Vertical	98	2.62	-	27.35	3.11	-
AV	2.412G	98.93	Inf	-Inf	68.47	3	Vertical	98	2.62	-	27.35	3.11	-

802.11n HT20_Nss1,(MCS0)_1TX

2417MHz_TX

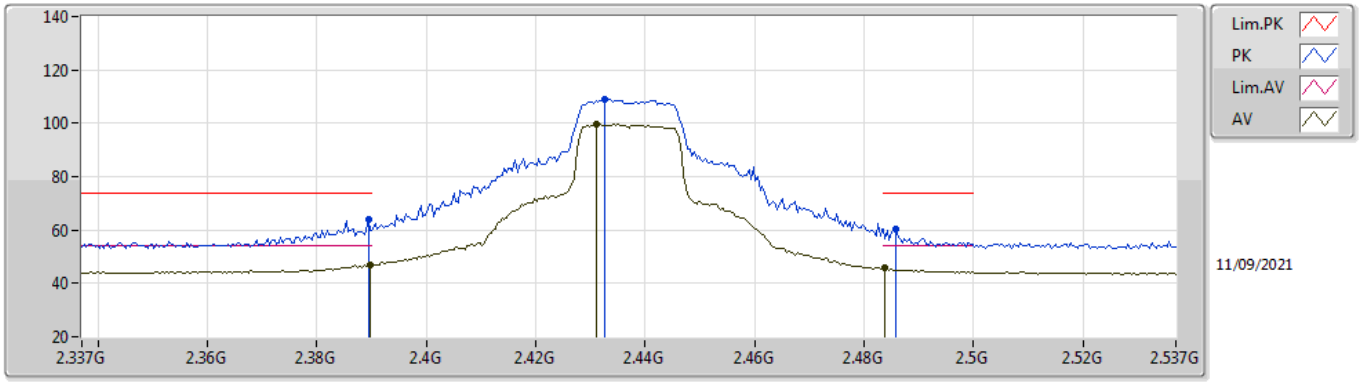


EUT Y_1TX
Setting 68
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3896G	71.13	74.00	-2.87	40.57	3	Horizontal	129	1.88	-	27.48	3.08	-
AV	2.39G	50.59	54.00	-3.41	20.03	3	Horizontal	129	1.88	-	27.48	3.08	-
PK	2.411G	106.29	Inf	-Inf	75.82	3	Horizontal	129	1.88	-	27.36	3.11	-
AV	2.4158G	96.03	Inf	-Inf	65.57	3	Horizontal	129	1.88	-	27.34	3.12	-

802.11n HT20_Nss1,(MCS0)_1TX

2437MHz_TX

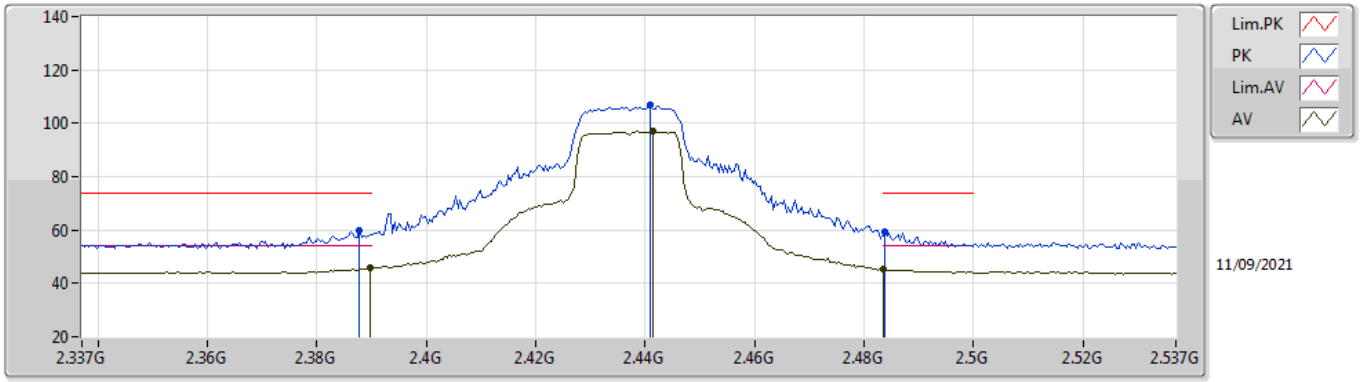


EUT Y_1TX
Setting 72
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3894G	63.91	74.00	-10.09	33.35	3	Vertical	98	2.34	-	27.48	3.08	-
AV	2.3898G	47.02	54.00	-6.98	16.46	3	Vertical	98	2.34	-	27.48	3.08	-
PK	2.4326G	109.22	Inf	-Inf	78.82	3	Vertical	98	2.34	-	27.27	3.13	-
AV	2.431G	99.58	Inf	-Inf	69.17	3	Vertical	98	2.34	-	27.28	3.13	-
PK	2.4858G	60.55	74.00	-13.45	30.09	3	Vertical	98	2.34	-	27.27	3.19	-
AV	2.4838G	45.85	54.00	-8.15	15.40	3	Vertical	98	2.34	-	27.27	3.18	-

802.11n HT20_Nss1,(MCS0)_1TX

2437MHz_TX

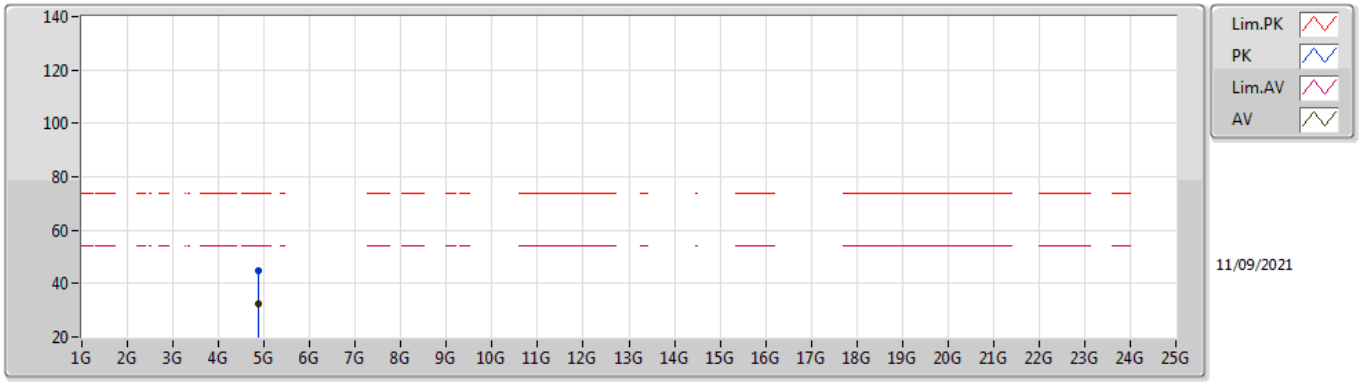


EUT Y_1TX
Setting 72
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3878G	59.86	74.00	-14.14	29.28	3	Horizontal	132	1.89	-	27.50	3.08	-
AV	2.3898G	45.96	54.00	-8.04	15.40	3	Horizontal	132	1.89	-	27.48	3.08	-
PK	2.441G	106.73	Inf	-Inf	76.35	3	Horizontal	132	1.89	-	27.24	3.14	-
AV	2.4414G	96.92	Inf	-Inf	66.55	3	Horizontal	132	1.89	-	27.23	3.14	-
PK	2.4838G	59.38	74.00	-14.62	28.93	3	Horizontal	132	1.89	-	27.27	3.18	-
AV	2.4835G	45.34	54.00	-8.66	14.89	3	Horizontal	132	1.89	-	27.27	3.18	-

802.11n HT20_Nss1,(MCS0)_1TX

2437MHz_TX

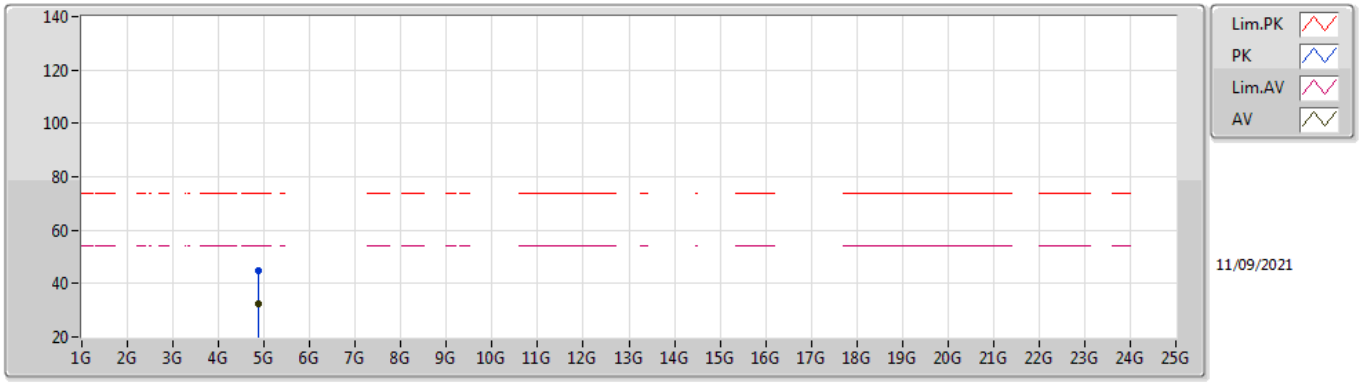


EUT Y_1TX
Setting 72
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.87282G	44.75	74.00	-29.25	40.72	3	Vertical	29	2.94	-	31.05	5.00	32.02
AV	4.8717G	32.39	54.00	-21.61	28.37	3	Vertical	29	2.94	-	31.04	5.00	32.02

802.11n HT20_Nss1,(MCS0)_1TX

2437MHz_TX

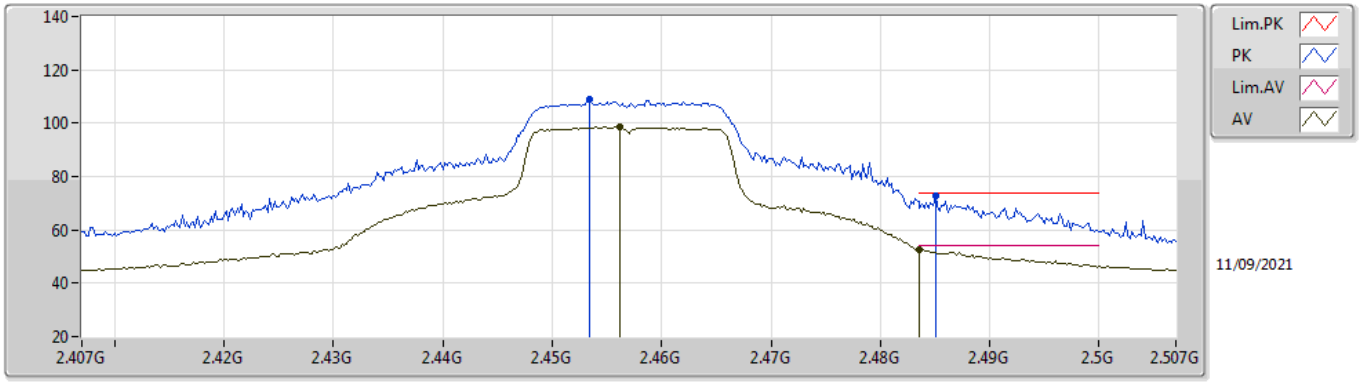


EUT Y_1TX
Setting 72
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.876G	44.80	74.00	-29.20	40.76	3	Horizontal	180	2.10	-	31.05	5.00	32.01
AV	4.87526G	32.23	54.00	-21.77	28.19	3	Horizontal	180	2.10	-	31.05	5.00	32.01

802.11n HT20_Nss1,(MCS0)_1TX

2457MHz_TX

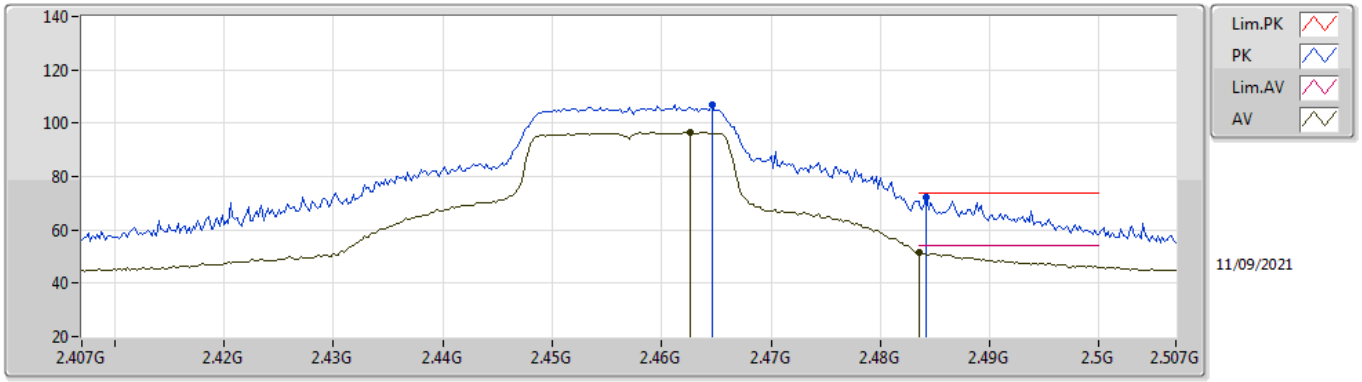


EUT Y_1TX
Setting 69
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.4534G	108.77	Inf	-Inf	78.41	3	Vertical	101	2.28	-	27.21	3.15	-
AV	2.4562G	98.59	Inf	-Inf	68.22	3	Vertical	101	2.28	-	27.21	3.16	-
PK	2.485G	72.87	74.00	-1.13	42.41	3	Vertical	101	2.28	-	27.27	3.19	-
AV	2.4835G	52.67	54.00	-1.33	22.22	3	Vertical	101	2.28	-	27.27	3.18	-

802.11n HT20_Nss1,(MCS0)_1TX

2457MHz_TX

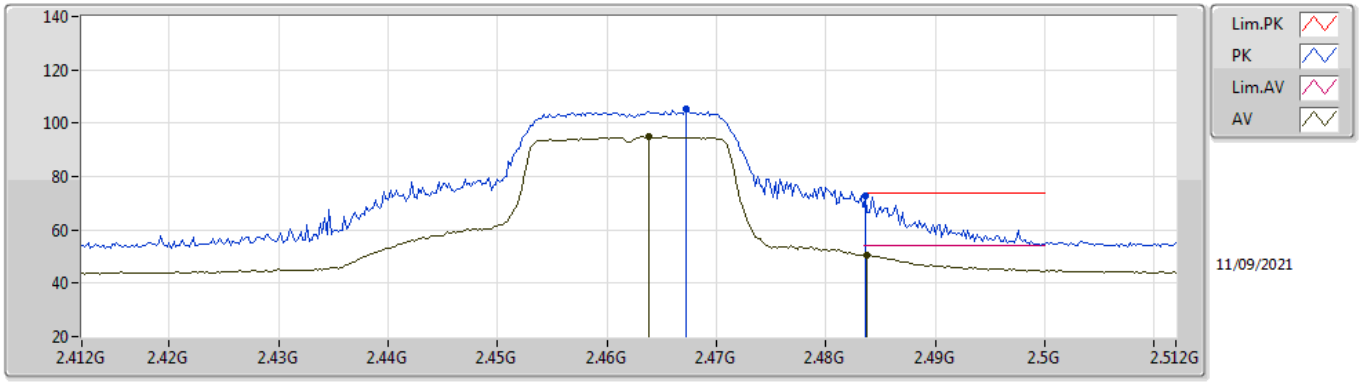


EUT Y_1TX
Setting 69
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.4646G	106.92	Inf	-Inf	76.53	3	Horizontal	132	2.10	-	27.23	3.16	-
AV	2.4626G	96.55	Inf	-Inf	66.16	3	Horizontal	132	2.10	-	27.23	3.16	-
PK	2.4842G	72.27	74.00	-1.73	41.82	3	Horizontal	132	2.10	-	27.27	3.18	-
AV	2.4835G	51.79	54.00	-2.21	21.34	3	Horizontal	132	2.10	-	27.27	3.18	-

802.11n HT20_Nss1,(MCS0)_1TX

2462MHz_TX

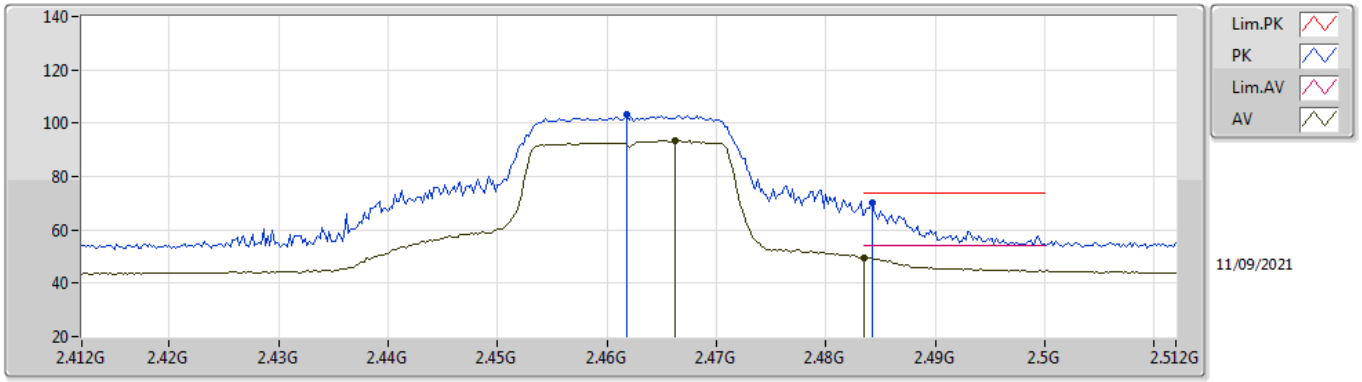


EUT Y_1TX
Setting 54
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.4672G	105.20	Inf	-Inf	74.80	3	Vertical	100	1.25	-	27.23	3.17	-
AV	2.4638G	94.82	Inf	-Inf	64.43	3	Vertical	100	1.25	-	27.23	3.16	-
PK	2.4836G	72.93	74.00	-1.07	42.48	3	Vertical	100	1.25	-	27.27	3.18	-
AV	2.4838G	50.76	54.00	-3.24	20.31	3	Vertical	100	1.25	-	27.27	3.18	-

802.11n HT20_Nss1,(MCS0)_1TX

2462MHz_TX

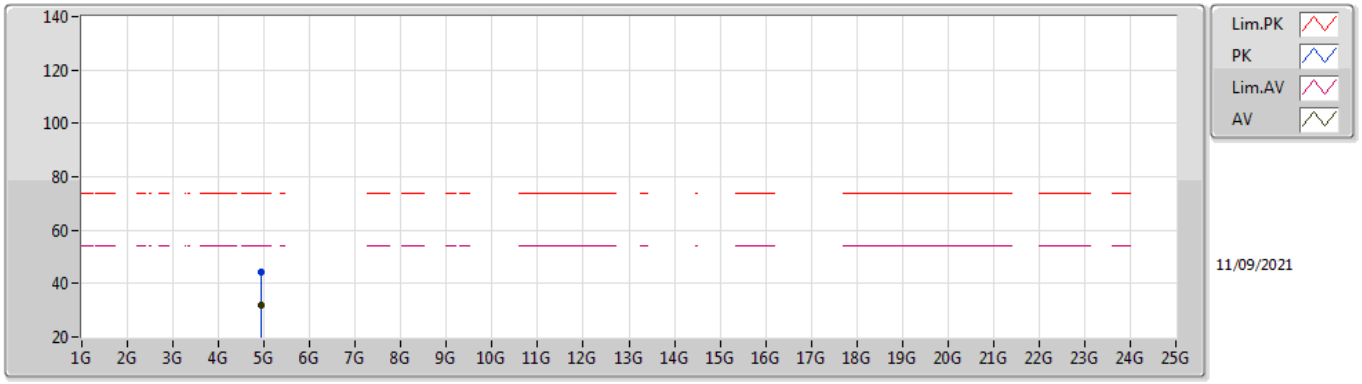


EUT Y_1TX
Setting 54
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.4618G	103.07	Inf	-Inf	72.69	3	Horizontal	130	2.11	-	27.22	3.16	-
AV	2.4662G	93.41	Inf	-Inf	63.01	3	Horizontal	130	2.11	-	27.23	3.17	-
PK	2.4842G	70.43	74.00	-3.57	39.98	3	Horizontal	130	2.11	-	27.27	3.18	-
AV	2.4835G	49.45	54.00	-4.55	19.00	3	Horizontal	130	2.11	-	27.27	3.18	-

802.11n HT20_Nss1,(MCS0)_1TX

2462MHz_TX

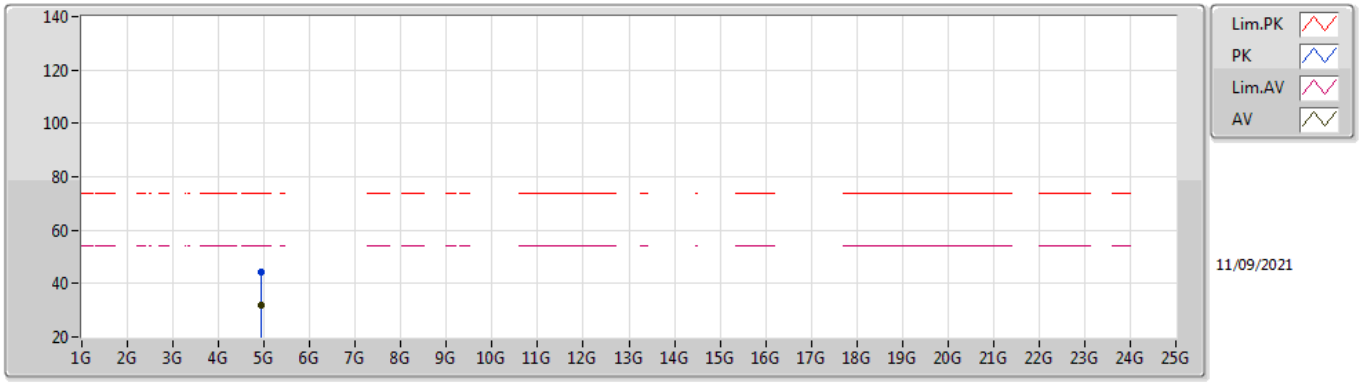


EUT Y_1TX
Setting 54
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.92708G	44.20	74.00	-29.80	39.96	3	Vertical	196	2.28	-	31.21	5.00	31.97
AV	4.92602G	32.06	54.00	-21.94	27.83	3	Vertical	196	2.28	-	31.20	5.00	31.97

802.11n HT20_Nss1,(MCS0)_1TX

2462MHz_TX



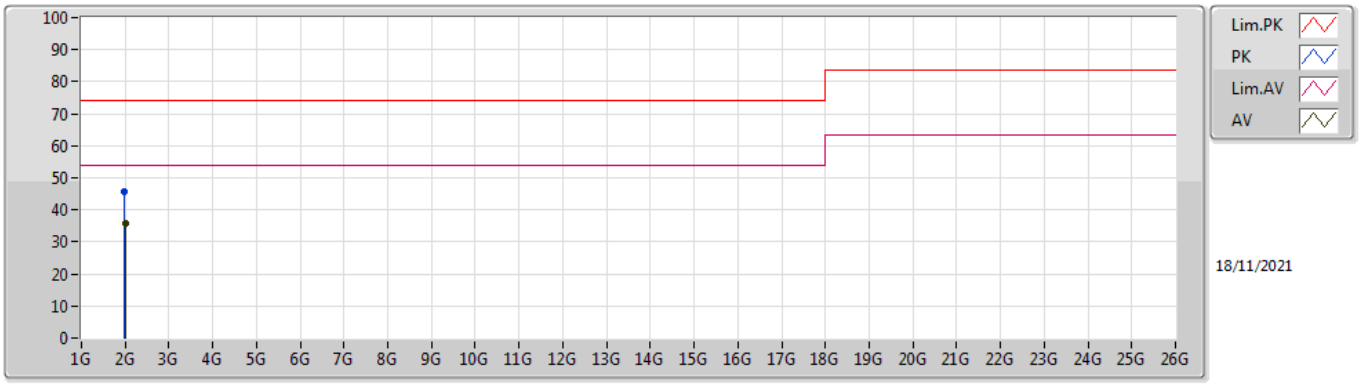
EUT Y_1TX
Setting 54
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.9197G	44.08	74.00	-29.92	39.88	3	Horizontal	260	2.69	-	31.18	5.00	31.98
AV	4.92022G	32.05	54.00	-21.95	27.85	3	Horizontal	260	2.69	-	31.18	5.00	31.98

Summary

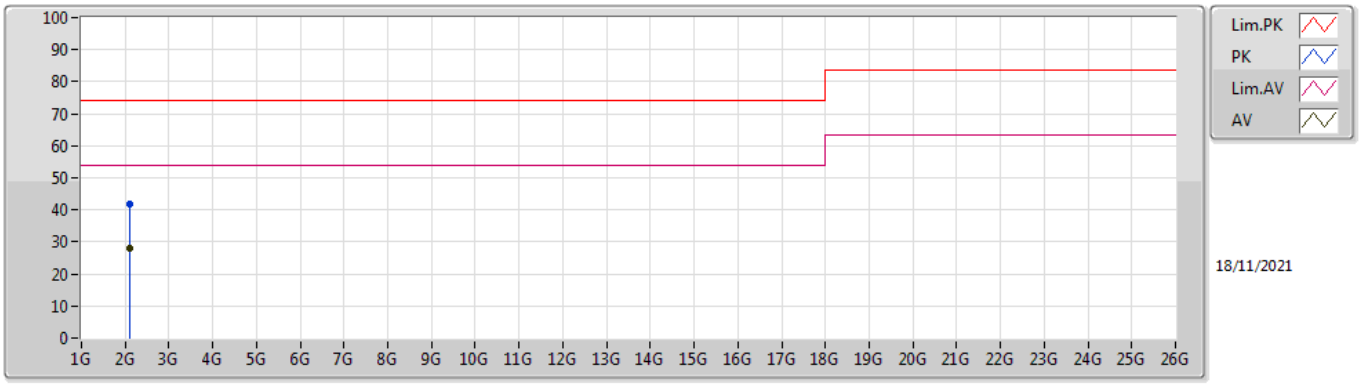
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 3	Pass	AV	1.9955G	35.64	54.00	-18.36	Vertical

Mode 3



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
PK	1.9655G	45.90	74.00	-28.10	-4.56	3	Vertical	122	2.16	-	50.46	25.96	3.48	34.00
AV	1.9955G	35.64	54.00	-18.36	-4.38	3	Vertical	122	2.16	"Worst"	40.02	26.08	3.50	33.96

Mode 3



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
PK	2.105G	41.75	74.00	-32.25	-3.46	3	Horizontal	95	2.11	-	45.21	26.85	3.60	33.91
AV	2.096G	28.10	54.00	-25.90	-3.55	3	Horizontal	95	2.11	"Worst"	31.65	26.76	3.60	33.91