Testing Laboratory 3787

RADIO TEST REPORT

FCC ID	:	UDX-60072010
Equipment	:	SMART Camera
Brand Name	:	CISCO
Model Name	:	MV93X-HW, MV93-HW
Applicant	:	Cisco Systems, Inc. 170 West Tasman Drive, San Jose, CA 95134 USA
Manufacturer	:	Cisco Systems, Inc. 170 West Tasman Drive, San Jose, CA 95134 USA
Standard	:	47 CFR FCC Part 15.247

The product was received on Aug. 25, 2022, and testing was started from Sep. 08, 2022 and completed on Oct. 11, 2022. 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.)

Table of Contents

History of this test report

Report No.	Version	Description	Issued Date
FR282322AA	01	Initial issue of report	Nov. 01, 2022

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:

1. The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers. It's means measurement values may risk exceeding the limit of regulation standards, if measurement uncertainty is include in test results.
2. The measurement uncertainty please refer to report "Measurement Uncertainty".

Comments and Explanations:

1. The test configuration, test mode and test software were written in this test report are declared by the manufacturer.
2. 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: Vicky Huang

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
2400-2483.5	b, g, n (HT20), VHT20	2412-2462	1-11 [11]
2400-2483.5	n (HT40), VHT40	2422-2452	3-9 [7]

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	802.11b	20	1TX
2.4-2.4835GHz	802.11g	20	1TX
2.4-2.4835GHz	802.11n HT20	20	1TX
2.4-2.4835GHz	VHT20	20	1TX
2.4-2.4835GHz	802.11n HT40	40	1TX
2.4-2.4835GHz	VHT40	40	1TX

Note:
- 11b mode uses a combination of DSSS-DBPSK, DQPSK, CCK modulation.
- 11g, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- VHT20, VHT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation.
- BWch is the nominal channel bandwidth.

1.1.2 Antenna Information

Ant.	Port			Brand	Model Name	Antenna Type	Connector	Gain (dBi)
	2.4GHz	5GHz	Bluetooth					
1	1	1	-	Sercomm	617211LR	PIFA Antenna	I-PEX	Note
2	2	2	1	Sercomm	617211LQ	PIFA Antenna	I-PEX	

Ant.	Antenna Gain (dBi)					
	WLAN 2.4GHz	WLAN 5GHz UNII 1	WLAN 5GHz UNII 2A	WLAN 5GHz UNII 2C	WLAN 5GHz UNII 3	Bluetooth
1	6.49	6.34	6.34	6.23	5.13	-
2	2.86	5.26	5.26	5.58	5.05	2.86

Note: The above information was declared by manufacturer.

For 2.4GHz function:

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

The EUT supports the antenna with TX/RX diversity function.

Both Port 1 and Port 2 can be used as transmitting/receiving antennas, but only one of them is used as transmitting/receiving antenna.

The Port 1 generated the worst case, so it was selected to test and record in the report.

For 5GHz function:

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

The EUT supports the antenna with TX/RX diversity function.

Both Port 1 and Port 2 can be used as transmitting/receiving antennas, but only one of them is used as transmitting/receiving antenna

The Port 1 generated the worst case, so it was selected to test and record in the report.

For Bluetooth function

For Bluetooth mode (1TX/1RX):

Only Port 1 can be used as transmitting/receiving antenna.

1.1.3 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11b	0.991	0.04	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11g	0.983	0.07	n/a (DC>=0.98)	n/a (DC>=0.98)
VHT20	0.981	0.08	n/a (DC>=0.98)	n/a (DC>=0.98)
VHT40	0.949	0.23	940u	3k

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

1.1.4 EUT Operational Condition

EUT Power Type	From PoE			
Beamforming Function	☐	With beamforming	☒	Without beamforming
Function	☒	Point-to-multipoint	☐	Point-to-point
Test Software Version	QRCT V4.0.72.1			

Note: The above information was declared by manufacturer.

1.1.5 Table for Multiple Listing

The EUT has two model names which are identical to each other in all aspects except for the following table

EUT	Model Name	Memory
1	MV93X-HW	1TB
2	MV93-HW	256GB

Note 1: From the above, EUT 1 has selected to execute all test items and EUT 2 has selected to execute the Emissions in Restricted Frequency Bands Below 1GHz tests.
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 (TAF: 3787)	ADD: No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County 302010, Taiwan (R.O.C.) 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	TH02-CB	Jay Lo	23.9~24.2 / 58-65	Sep. 15, 2022
Radiated (below 1GHz)	03CH05-CB	Simmon Cheng	24.4-25.5 / 55-58	Sep. 15, 2022~ Sep. 29, 2022
Radiated (above 1GHz)	03CH02-CB	Simmon Cheng	23.8-24.9 / 55-58	Sep. 08, 2022~ Sep. 15, 2022
Radiated (co-location)	03CH05-CB	Simmon Cheng	24.4-25.5 / 55-58	Oct. 11, 2022
AC Conduction	CO01-CB	Elvin Yeh	23~24 / 56~57	Sep. 21, 2022

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)	3.4 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	3.4 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	5.6 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	5.2 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.7 dB	Confidence levels of 95%
Conducted Emission	3.2 dB	Confidence levels of 95%
Output Power Measurement	0.8 dB	Confidence levels of 95%
Power Density Measurement	3.2 dB	Confidence levels of 95%
Bandwidth Measurement	2%	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Channel Mode

Mode	Power Setting
802.11b_Nss1,(1Mbps)_1TX	-
2412MHz	21
2437MHz	21
2462MHz	23
802.11g_Nss1,(6Mbps)_1TX	-
2412MHz	21
2417MHz	22
2437MHz	24.5
2457MHz	22
2462MHz	20
VHT20_Nss1,(MCS0)_1TX	-
2412MHz	21
2417MHz	24
2437MHz	24.5
2457MHz	22
2462MHz	19.5
VHT40_Nss1,(MCS0)_1TX	-
2422MHz	20.5
2437MHz	20
2447MHz	18
2452MHz	16.5

Note:
- Evaluated VHT20/VHT40 mode only, due to similar modulation. The power setting of HT20/HT40 mode are the same or lower than VHT20/VHT40.

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 1+LAN mode-Day mode+Bluetooth+PoE 1
2	EUT 1+LAN mode-Night mode+Bluetooth+PoE 1
Mode 1 has been evaluated to be the worst case among Mode 1~2, thus measurement for Mode 3 ~ 6 will follow this same test mode.	
3	EUT 1+WLAN 2.4GHz mode-Day mode+Bluetooth+PoE 1
4	EUT 1+WLAN 2.4GHz mode-Day mode+Bluetooth+PoE 2
5	EUT 1+WLAN 5GHz mode-Day mode+Bluetooth+PoE 1
6	EUT 1+WLAN 5GHz mode-Day mode+Bluetooth+PoE 2
For operating mode 1 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

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	Normal Link
1	EUT 1 at Z-axis +LAN mode-Day mode+Bluetooth+PoE 1
2	EUT 1 at Y-axis +LAN mode-Day mode+Bluetooth+PoE 1
3	EUT 1 at X-axis +LAN mode-Day mode+Bluetooth+PoE 1
Mode 1 has been evaluated to be the worst case among Mode 1~3, thus measurement for Mode 4 will follow this same test mode.	
4	EUT 1 at Z-axis +LAN mode- Night mode+Bluetooth+PoE 1
Mode 4 has been evaluated to be the worst case among Mode 1~4, thus measurement for Mode 5 ~ 8 will follow this same test mode.	

5	EUT 1 at Z-axis +WLAN 2.4GHz mode-Night mode+Bluetooth+PoE 1
6	EUT 1 at Z-axis +WLAN 2.4GHz mode-Night mode+Bluetooth+PoE 2
7	EUT 1 at Z-axis +WLAN 5GHz mode-Night mode+Bluetooth+PoE 1
8	EUT 1 at Z-axis +WLAN 5GHz mode-Night mode+Bluetooth+PoE 2
Mode 4 has been evaluated to be the worst case among Mode 1~8, thus measurement for Mode 9 will follow this same test mode.	
9	EUT 2 at Z-axis +LAN mode-Night mode+Bluetooth+PoE 1
For operating mode 4 is the worst case and it was record in this test report.	
Operating Mode > 1GHz	CTX
The EUT was performed at X axis, Y axis and Z axis position. The worst case was found at Z axis for bandedge, Y axis for harmonic, so it was selected to perform test and its test result was written in the report.	
1	EUT 1 in Z axis for bandedge / EUT 1 in Y axis for harmonic

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, and the worst case was found at Z axis. So the measurement will follow this same test configuration.	
1	EUT 1 in Z axis-WLAN 2.4GHz+Bluetooth
2	EUT 1 in Z axis-WLAN 5GHz+Bluetooth
For operating mode 2 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	EUT 1-WLAN 2.4GHz+Bluetooth
2	EUT 1-WLAN 5GHz+Bluetooth
Refer to Sporton Test Report No.: FA282322 for Co-location RF Exposure Evaluation.	

Note: The PoE are for measurement only, would not be marketed.
PoEs information as below:

Support Unit	Brand Name	Model Name
PoE 1	PHIHONG	POEA33U-1ATE
PoE 2	Cisco	MA-PWR-MV-LV

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

Wall-mounted rack*4

2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	1G LAN1 NB	DELL	E6430	N/A
B	PoE 1	PHIHONG	POEA33U-1ATE	N/A
C	iPhone 4	Apple	A1332	N/A
D	AP Router	ASUS	RP-N53	MSQ-RPN53

For Radiated (below 1GHz):

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	NB	Lenovo	L440	N/A
B	WLAN AP	Netgear	R7500	PY314300288
C	Phone	SAMPO	HT-B 907WL	N/A
D	PoE 1	PHIHONG	POEA33U-1ATE	N/A

For Radiated (above 1GHz):

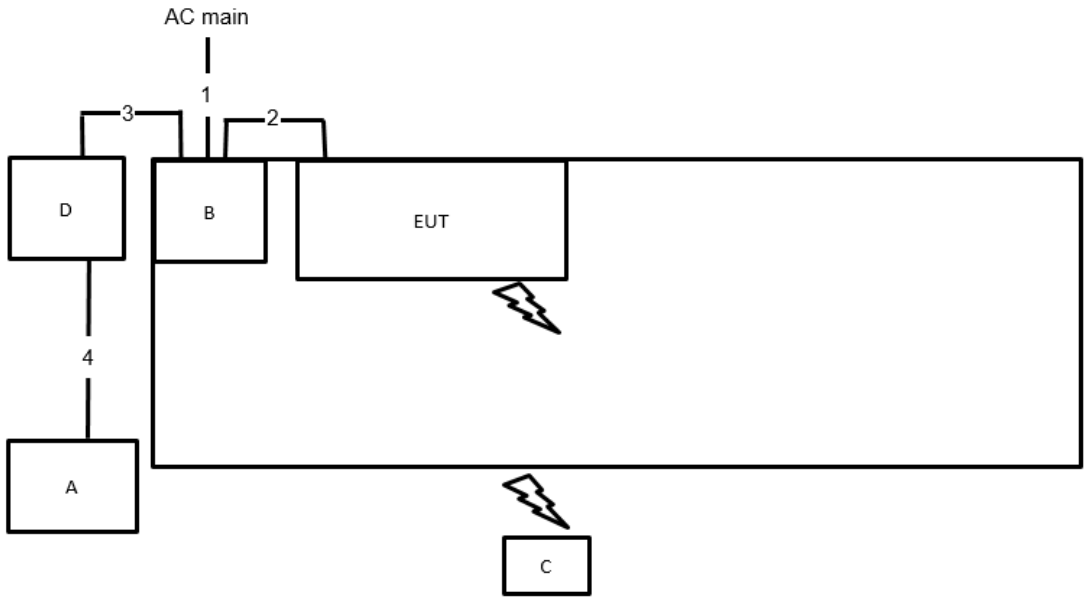
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	NB	DELL	E4300	N/A
B	PoE 1	PHIHONG	POEA33U-1ATE	N/A

For RF Conducted:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	NB	DELL	E4300	N/A
B	PoE 1	PHIHONG	POEA33U-1ATE	N/A

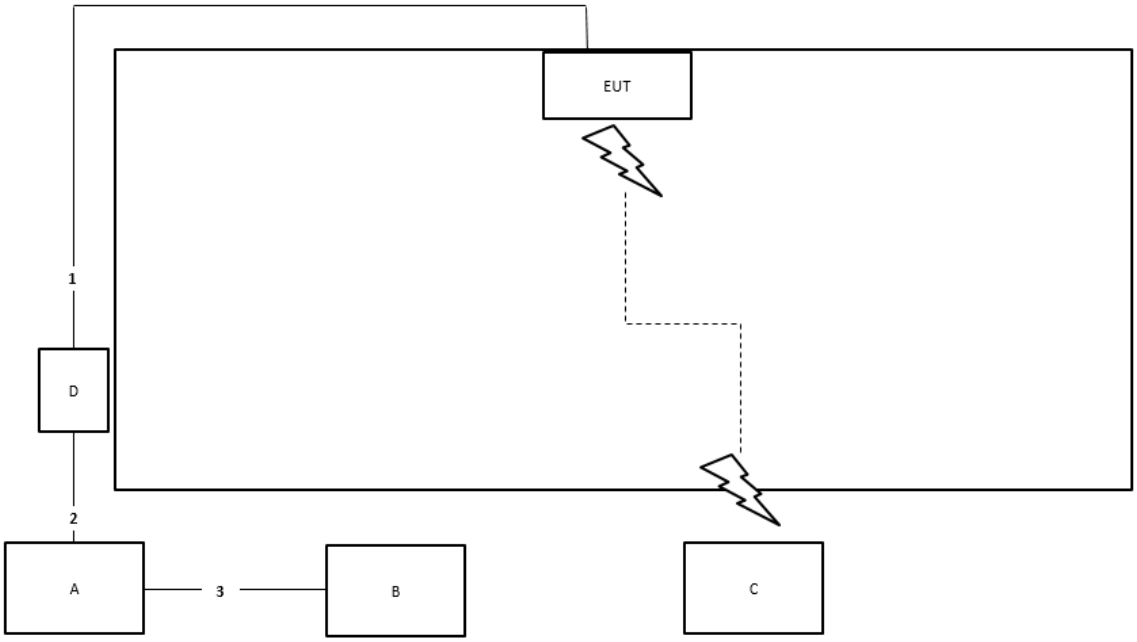
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



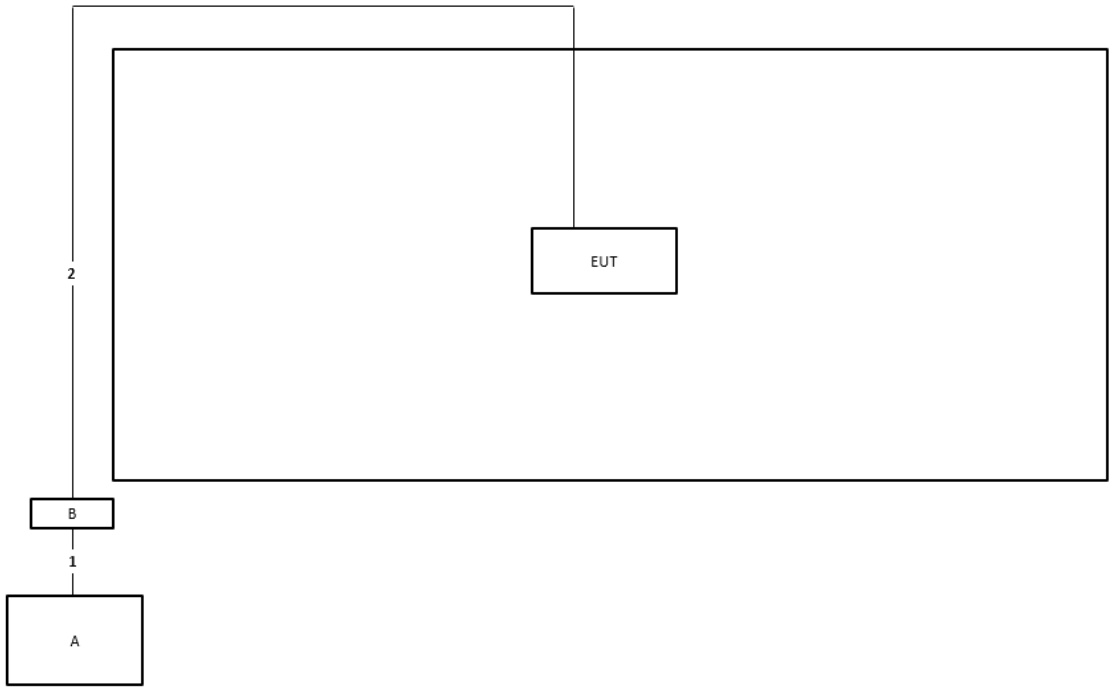
Item	Connection	Shielded	Length
1	Power cable	No	1.5m
2	RJ-45 cable	No	1.5m
3	RJ-45 cable	No	10m
4	RJ-45 cable	No	1.5m

Test Setup Diagram - Radiated Test < 1GHz



Item	Connection	Shielded	Length
1	RJ-45 cable	No	10m
2	RJ-45 cable	No	1.5m
3	RJ-45 cable	No	1.5m

Test Setup Diagram - Radiated Test > 1GHz



Item	Connection	Shielded	Length
1	RJ-45 cable	No	1m
2	RJ-45 cable	No	10m

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

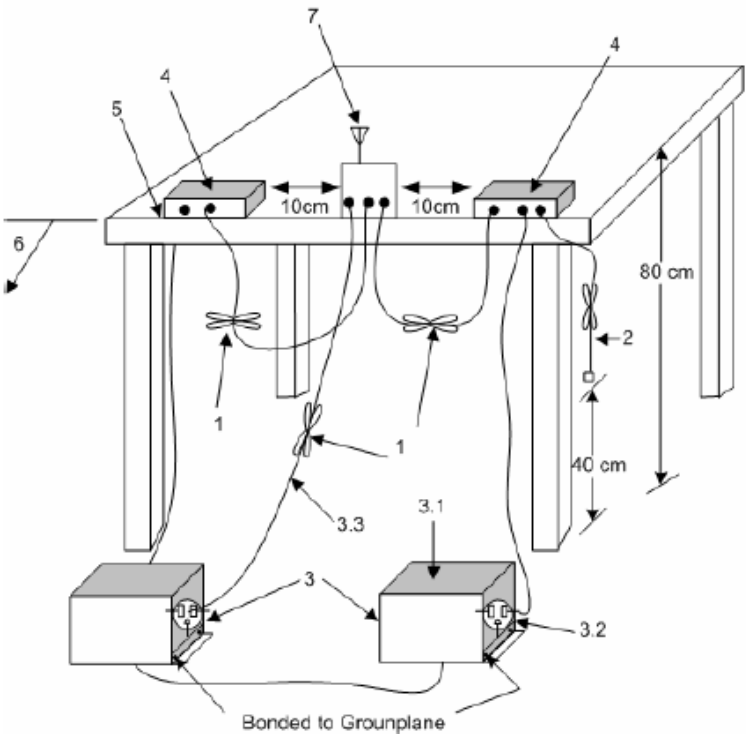
Refer a test equipment and calibration data table in this test report.

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.

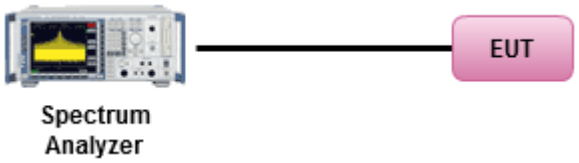
3.2.2 Measuring Instruments

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

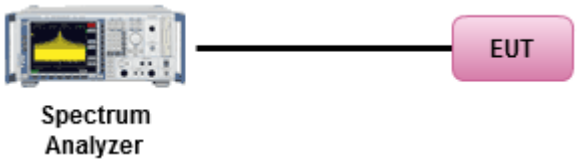
3.4.2 Measuring Instruments

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

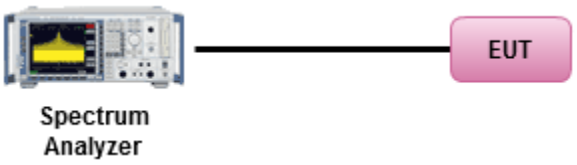
Refer a test equipment and calibration data table in this test report.

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.

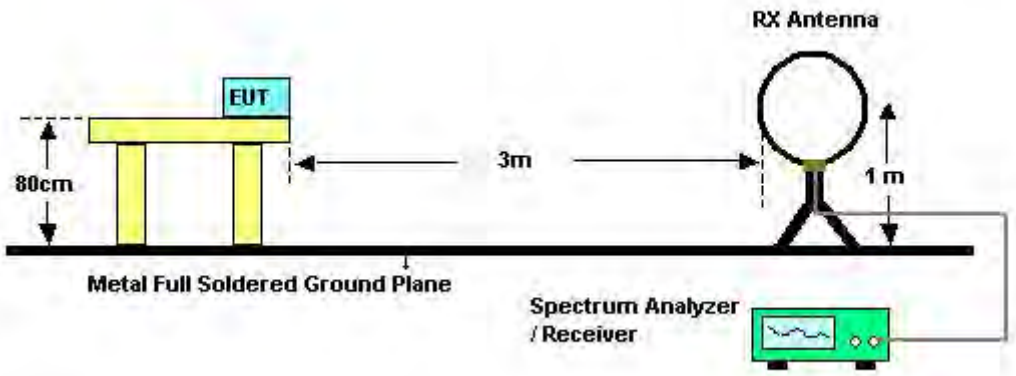
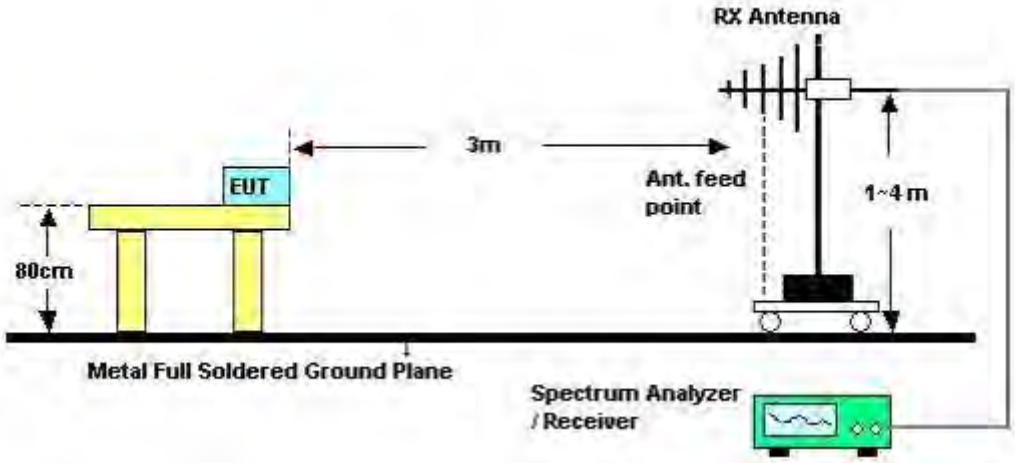
3.6.2 Measuring Instruments

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

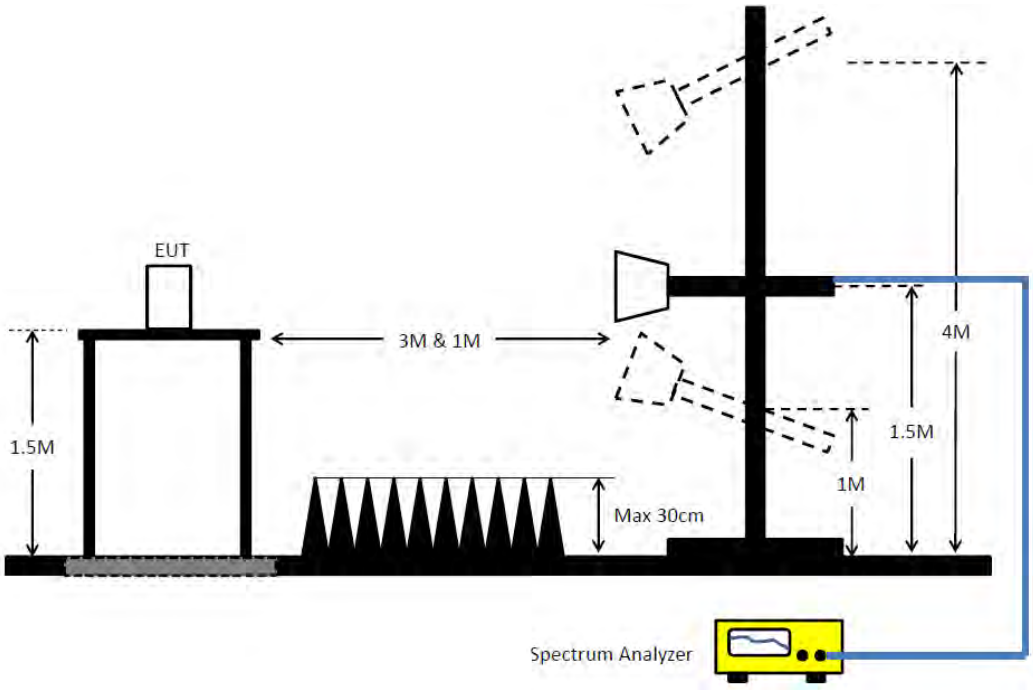
3.6.3 Test Procedures

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	Feb. 22, 2022	Feb. 21, 2023	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50-16-2	04083	150kHz ~ 100MHz	Feb. 09, 2022	Feb. 08, 2023	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	Apr. 12, 2022	Apr. 11, 2023	Conduction (CO01-CB)
Pulse Limiter	Rohde&Schwarz	ESH3-Z2	100430	9kHz ~ 30MHz	Feb. 10, 2022	Feb. 09, 2023	Conduction (CO01-CB)
COND Cable	Woken	Cable	Low cable-CO01	9kHz ~ 30MHz	May 18, 2022	May 17, 2023	Conduction (CO01-CB)
Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conduction (CO01-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH05-CB	30 MHz ~1 GHz	Aug. 03, 2022	Aug. 02, 2023	Radiation (03CH05-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH05-CB	1GHz ~18GHz 3m	Nov. 07, 2021	Nov. 06, 2022	Radiation (03CH05-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	May 14, 2022	May 13, 2023	Radiation (03CH05-CB)
Bilog Antenna with 6dB Attenuator	TESEQ & EMCI	CBL 6112D & N-6-06	35236 & AT-N0610	30MHz ~ 2GHz	Mar. 25, 2022	Mar. 24, 2023	Radiation (03CH05-CB)
Horn Antenna	SCHWARZBECK	BBHA9120 D	BBHA 9120 D-1291	1GHz~18GHz	Jun. 23, 2022	Jun. 22, 2023	Radiation (03CH05-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Aug. 22, 2022	Aug. 21, 2023	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC330N	980331	20MHz ~ 3GHz	Apr. 26, 2022	Apr. 25, 2023	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC12630 SE	980287	1GHz – 26.5GHz	Jul. 01, 2022	Jun. 30, 2023	Radiation (03CH05-CB)
Pre-Amplifier	MITEQ	TTA1840-35 -HG	1864479	18GHz ~ 40GHz	Jul. 20, 2022	Jul. 19, 2023	Radiation (03CH05-CB)
Spectrum Analyzer	R&S	FSP40	100304	9kHz ~ 40GHz	Mar. 14, 2022	Mar. 13, 2023	Radiation (03CH05-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	Jun. 17, 2022	Jun. 16, 2023	Radiation (03CH05-CB)
RF Cable-low	Woken	RG402	Low Cable-04+23	30MHz~1GHz	Oct. 13, 2021	Oct. 12, 2022	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-28	1GHz~18GHz	Oct. 03, 2022	Oct. 02, 2023	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-04+28	1GHz~18GHz	Oct. 03, 2022	Oct. 02, 2023	Radiation (03CH05-CB)
High Cable	Woken	WCA0929M	40G#5+7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH05-CB)
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Dec. 08, 2021	Dec. 07, 2022	Radiation (03CH05-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
High Cable	Woken	WCA0929M	40G#7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH05-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH05-CB)
3m Semi Anechoic Chamber VSWR	RIKEN	SAC-3M	03CH02-CB	1GHz ~18GHz	Mar. 26, 2022	Mar. 25, 2023	Radiation (03CH02-CB)
Horn Antenna	EMCO	3115	9610-4976	1GHz ~ 18GHz	Apr. 19, 2022	Apr. 18, 2023	Radiation (03CH02-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Aug. 22, 2022	Aug. 21, 2023	Radiation (03CH02-CB)
Pre-Amplifier	Agilent	83017A	MY39501305	1GHz ~ 26.5GHz	Jul. 01, 2022	Jun. 30, 2023	Radiation (03CH02-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 20, 2022	Jul. 19, 2023	Radiation (03CH02-CB)
Spectrum analyzer	R&S	FSU	100015	9kHz~26GHz	Oct. 25, 2021	Oct. 24, 2022	Radiation (03CH02-CB)
Spectrum Analyzer	Rohde&Schwarz	FSV30	101026	9kHz ~ 30GHz	Apr. 22, 2022	Apr. 21, 2023	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18	1GHz ~ 18GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18+19	1GHz ~ 18GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH02-CB)
High Cable	Woken	WCA0929M	40G#5+7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH02-CB)
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Dec. 08, 2021	Dec. 07, 2022	Radiation (03CH02-CB)
High Cable	Woken	WCA0929M	40G#7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH02-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH02-CB)
Spectrum analyzer	R&S	FSV40	101027	9kHz~40GHz	Aug. 15, 2022	Aug. 14, 2023	Conducted (TH02-CB)
Power Sensor	Anritsu	MA2411B	1126203	300MHz~ 40GHz	Oct. 25, 2021	Oct. 24, 2022	Conducted (TH02-CB)
Power Meter	Anritsu	ML2495A	1210004	300MHz~ 40GHz	Oct. 25, 2021	Oct. 24, 2022	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-01	1 GHz – 18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-02	1 GHz – 18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-03	1 GHz – 18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-04	1 GHz – 18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-05	1 GHz – 18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH02-CB)
Switch	SPTCB	SP-SWI	SWI-02	1 GHz – 26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH02-CB)

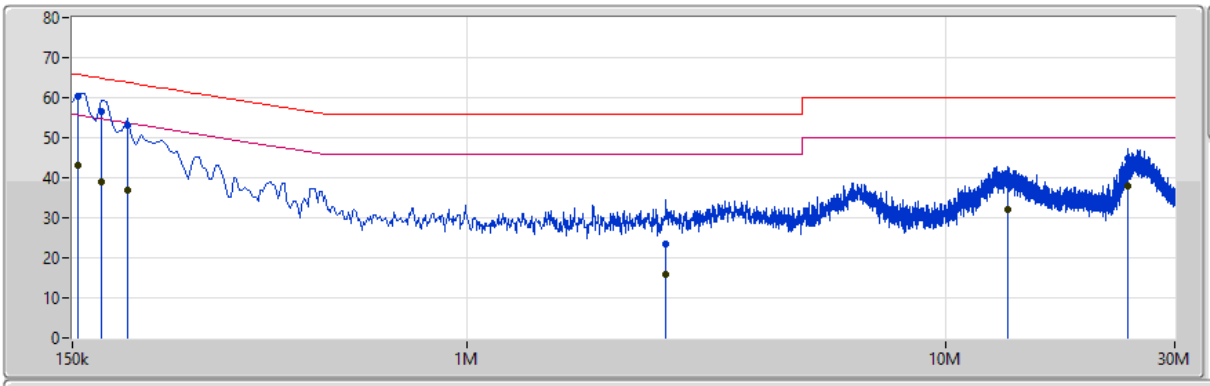
Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	SWI-02-P1	1 GHz – 26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	SWI-02-P2	1 GHz – 26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	SWI-02-P3	1 GHz – 26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	SWI-02-P4	1 GHz – 26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	SWI-02-P5	1 GHz – 26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH02-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH02-CB)

Note: Calibration Interval of instruments listed above is one year.
NCR means Non-Calibration required.

Summary

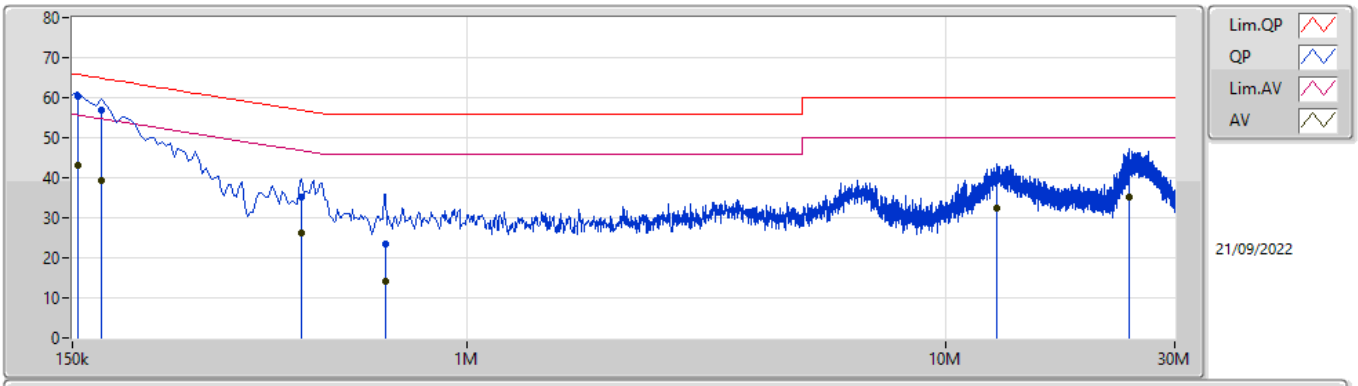
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	154.5k	60.27	65.75	-5.48	Line

Mode 1



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT			
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)			
QP	154.5k	60.27	65.75	-5.48	9.99	Line	"Worst"	50.28	0.06	0.04	9.89			
AV	154.5k	42.99	55.75	-12.76	9.99	Line	-	33.00	0.06	0.04	9.89			
QP	172.5k	56.59	64.83	-8.24	9.99	Line	-	46.60	0.06	0.04	9.89			
AV	172.5k	38.97	54.83	-15.86	9.99	Line	-	28.98	0.06	0.04	9.89			
QP	195k	52.99	63.82	-10.83	9.99	Line	-	43.00	0.06	0.04	9.89			
AV	195k	36.91	53.82	-16.91	9.99	Line	-	26.92	0.06	0.04	9.89			
QP	2.598M	23.39	56.00	-32.61	10.08	Line	-	13.31	0.10	0.09	9.89			
AV	2.598M	15.93	46.00	-30.07	10.08	Line	-	5.85	0.10	0.09	9.89			
QP	13.416M	38.55	60.00	-21.45	10.35	Line	-	28.20	0.25	0.17	9.93			
AV	13.416M	32.10	50.00	-17.90	10.35	Line	-	21.75	0.25	0.17	9.93			
QP	23.933M	44.68	60.00	-15.32	10.58	Line	-	34.10	0.34	0.27	9.97			
AV	23.933M	38.01	50.00	-11.99	10.58	Line	-	27.43	0.34	0.27	9.97			

Mode 1



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	154.5k	60.20	65.75	-5.55	10.00	Neutral	"Worst"	50.20	0.07	0.04	9.89
AV	154.5k	43.00	55.75	-12.75	10.00	Neutral	-	33.00	0.07	0.04	9.89
QP	172.5k	56.95	64.83	-7.88	10.00	Neutral	-	46.95	0.07	0.04	9.89
AV	172.5k	39.32	54.83	-15.51	10.00	Neutral	-	29.32	0.07	0.04	9.89
QP	451.5k	35.32	56.84	-21.52	10.02	Neutral	-	25.30	0.07	0.06	9.89
AV	451.5k	26.04	46.84	-20.80	10.02	Neutral	-	16.02	0.07	0.06	9.89
QP	676.5k	23.47	56.00	-32.53	10.02	Neutral	-	13.45	0.08	0.05	9.89
AV	676.5k	14.28	46.00	-31.72	10.02	Neutral	-	4.26	0.08	0.05	9.89
QP	12.795M	39.24	60.00	-20.76	10.36	Neutral	-	28.88	0.26	0.17	9.93
AV	12.795M	32.55	50.00	-17.45	10.36	Neutral	-	22.19	0.26	0.17	9.93
QP	24.176M	41.44	60.00	-18.56	10.54	Neutral	-	30.90	0.30	0.27	9.97
AV	24.176M	35.02	50.00	-14.98	10.54	Neutral	-	24.48	0.30	0.27	9.97

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	9.525M	15.181M	15M2G1D	8.525M	14.085M
802.11g_Nss1,(6Mbps)_1TX	16.05M	21.196M	21M2D1D	15.675M	16.714M
VHT20_Nss1,(MCS0)_1TX	16.25M	21.357M	21M4D1D	15.025M	17.882M
VHT40_Nss1,(MCS0)_1TX	35.7M	36.471M	36M5D1D	35.7M	36.445M

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

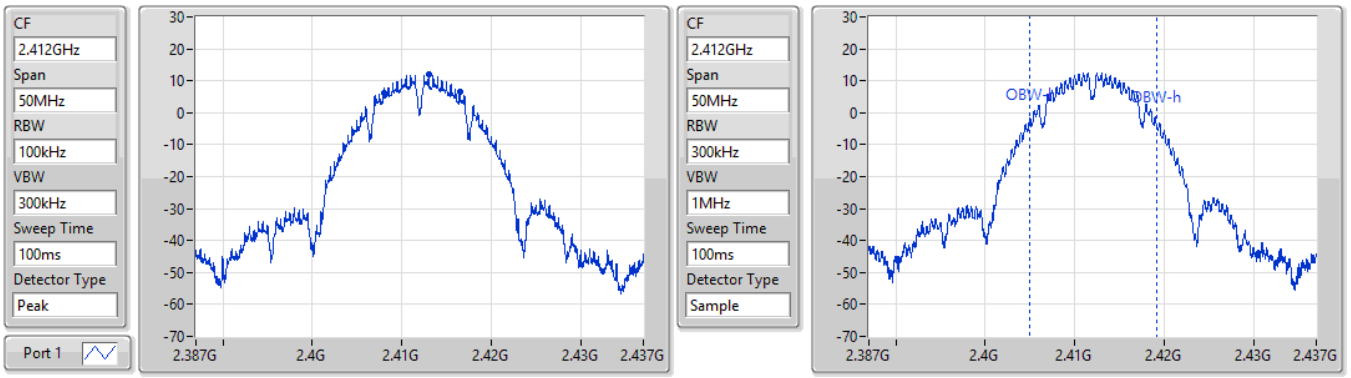
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-
2412MHz	Pass	500k	8.525M	14.184M
2437MHz	Pass	500k	8.525M	14.085M
2462MHz	Pass	500k	9.525M	15.181M
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-
2412MHz	Pass	500k	15.775M	16.785M
2437MHz	Pass	500k	16.05M	21.196M
2462MHz	Pass	500k	15.675M	16.714M
VHT20_Nss1,(MCS0)_1TX	-	-	-	-
2412MHz	Pass	500k	15.025M	17.882M
2437MHz	Pass	500k	16.25M	21.357M
2462MHz	Pass	500k	15.075M	17.983M
VHT40_Nss1,(MCS0)_1TX	-	-	-	-
2422MHz	Pass	500k	35.7M	36.458M
2437MHz	Pass	500k	35.7M	36.445M
2452MHz	Pass	500k	35.7M	36.471M

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

802.11b_Nss1,(1Mbps)_1TX EBW

2412MHz

15/09/2022

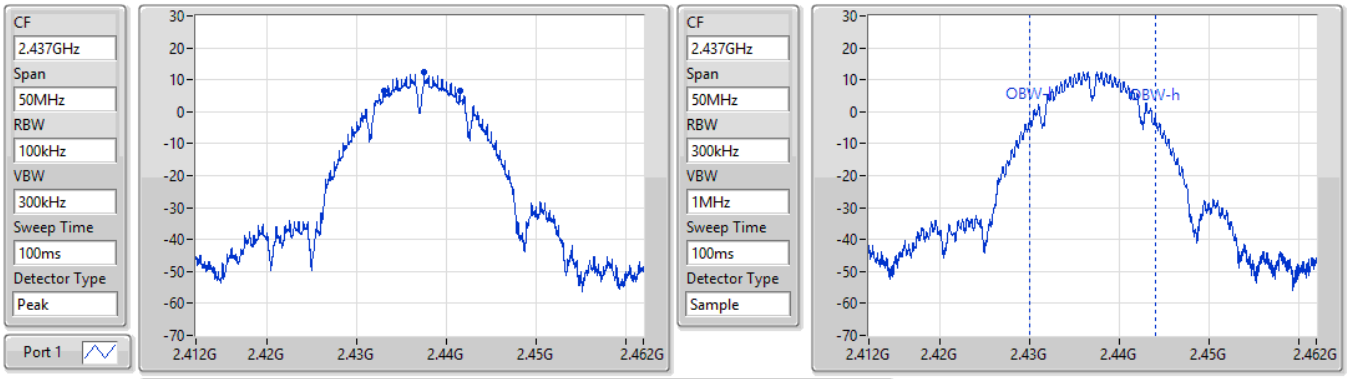


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8.525M	2.407975G	2.4165G	14.184M	2.404924G	2.419108G	500k	1

802.11b_Nss1,(1Mbps)_1TX EBW

2437MHz

15/09/2022

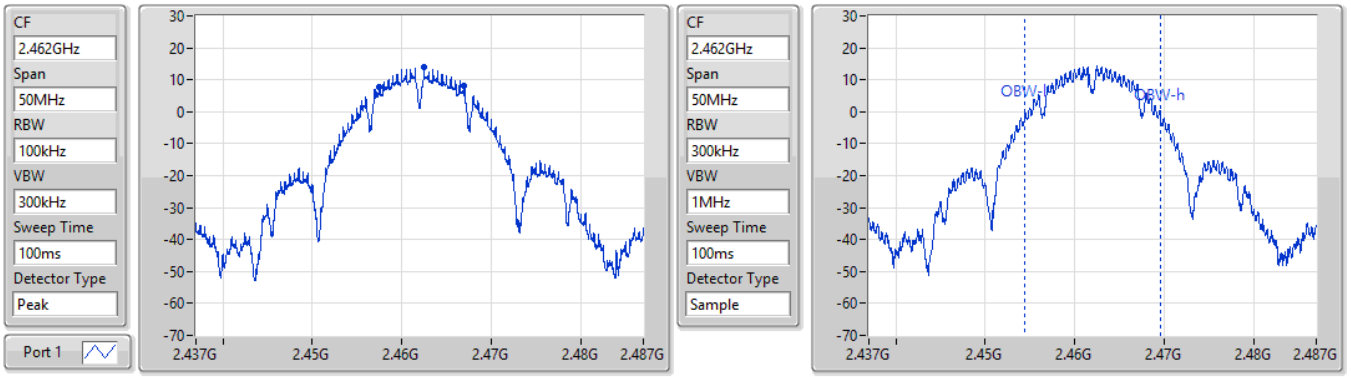


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8.525M	2.432975G	2.4415G	14.085M	2.429979G	2.444064G	500k	1

802.11b_Nss1,(1Mbps)_1TX EBW

2462MHz

15/09/2022

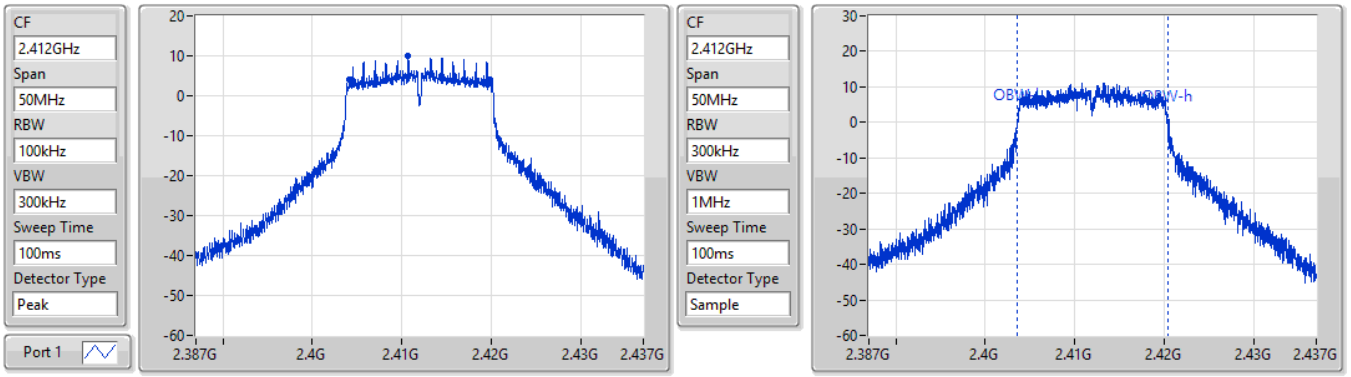


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
9.525M	2.457475G	2.467G	15.181M	2.454438G	2.469619G	500k	1

802.11g_Nss1,(6Mbps)_1TX EBW

2412MHz

15/09/2022

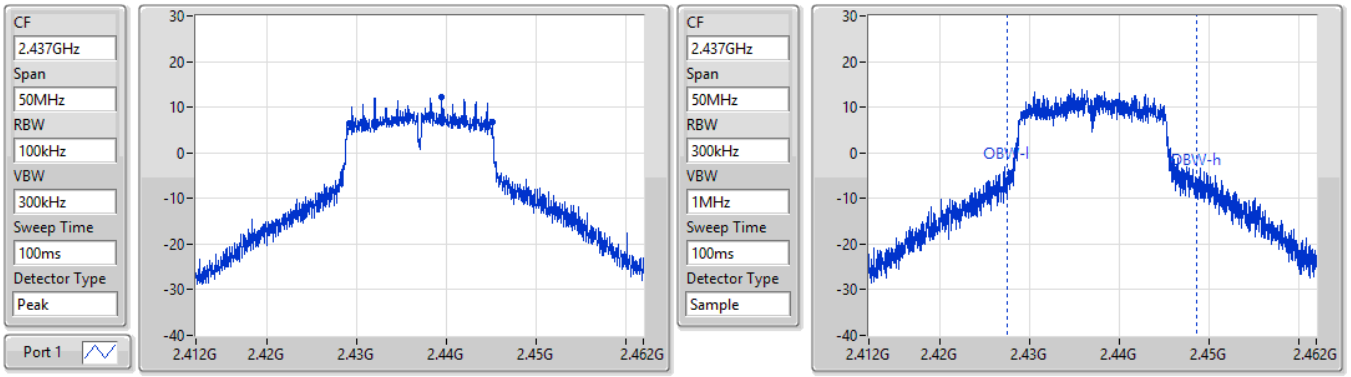


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.775M	2.404125G	2.4199G	16.785M	2.403623G	2.420409G	500k	1

802.11g_Nss1,(6Mbps)_1TX EBW

2437MHz

15/09/2022

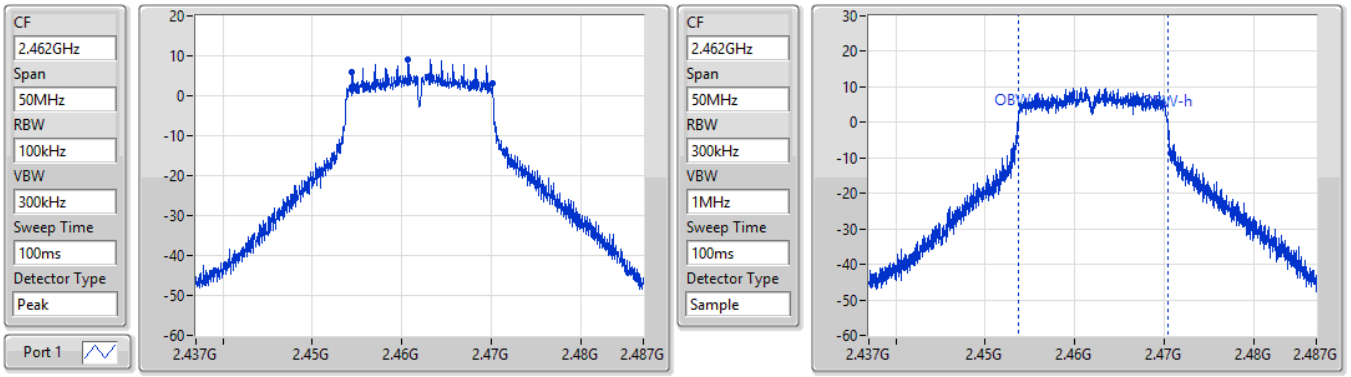


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.05M	2.4291G	2.44515G	21.196M	2.427392G	2.448589G	500k	1

802.11g_Nss1,(6Mbps)_1TX EBW

2462MHz

15/09/2022

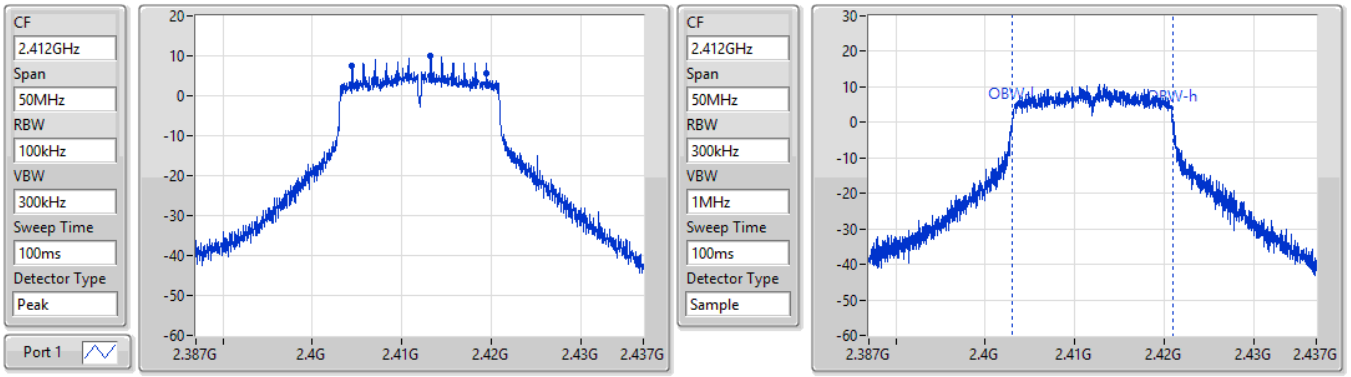


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.675M	2.45445G	2.470125G	16.714M	2.453681G	2.470395G	500k	1

VHT20_Nss1,(MCS0)_1TX EBW

2412MHz

15/09/2022

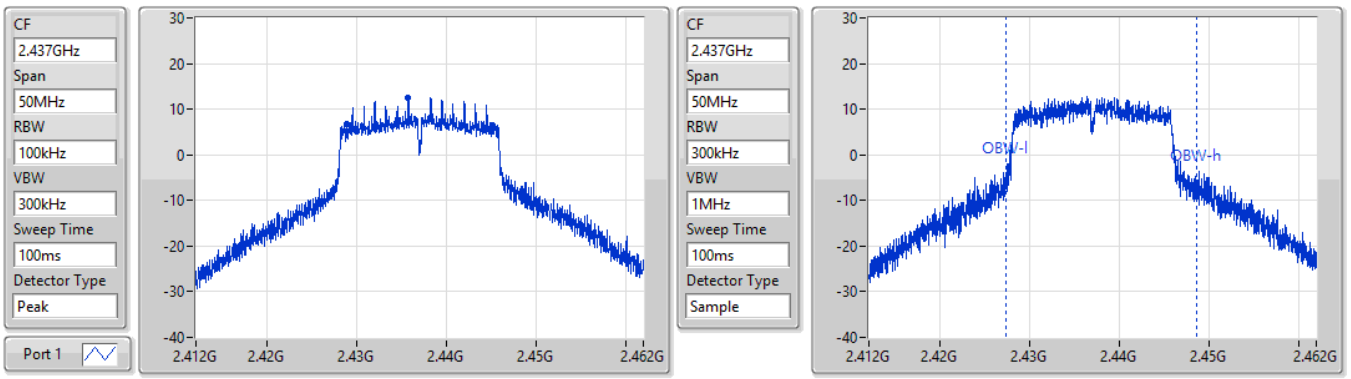


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.025M	2.404475G	2.4195G	17.882M	2.403071G	2.420953G	500k	1

VHT20_Nss1,(MCS0)_1TX EBW

2437MHz

15/09/2022

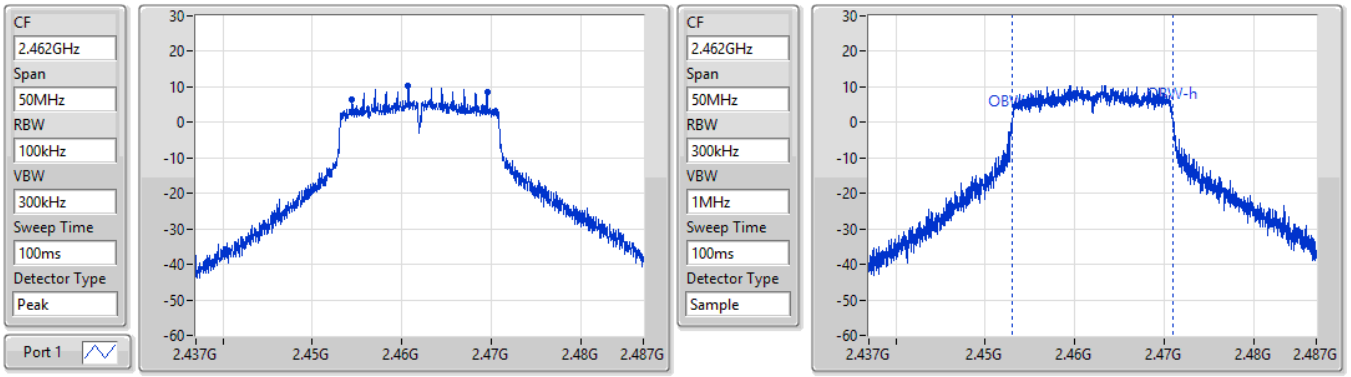


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.25M	2.428875G	2.445125G	21.357M	2.427276G	2.448633G	500k	1

VHT20_Nss1,(MCS0)_1TX EBW

2462MHz

15/09/2022

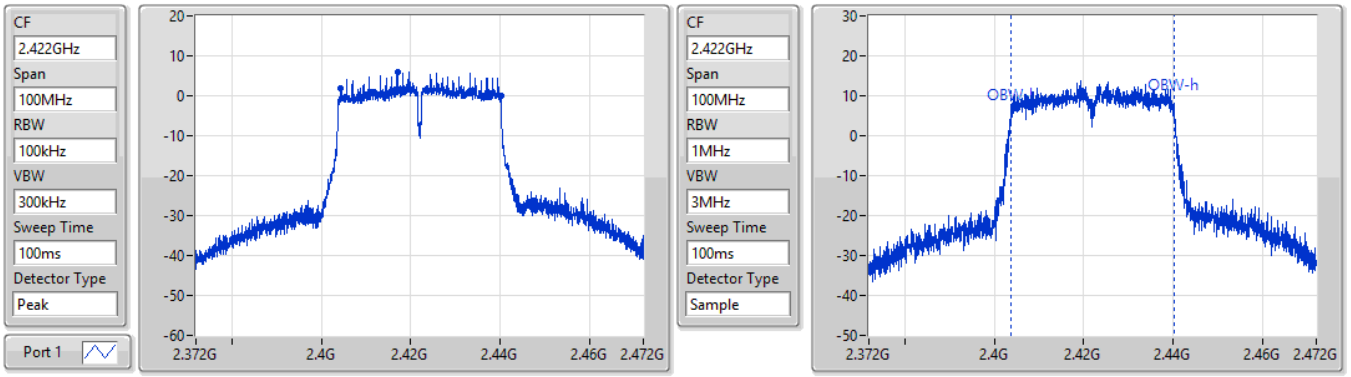


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.075M	2.45445G	2.469525G	17.983M	2.453062G	2.471044G	500k	1

VHT40_Nss1,(MCS0)_1TX EBW

2422MHz

15/09/2022

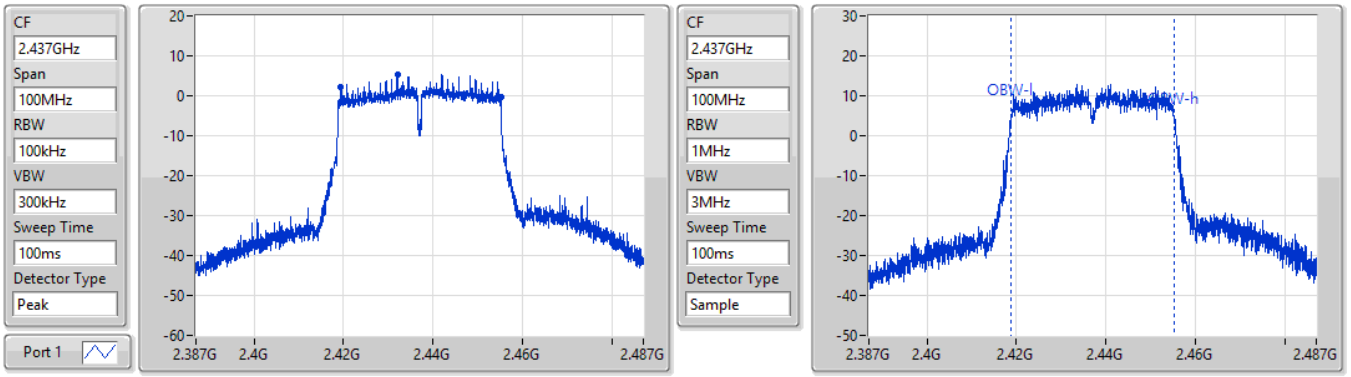


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.7M	2.40445G	2.44015G	36.458M	2.403779G	2.440236G	500k	1

VHT40_Nss1,(MCS0)_1TX EBW

2437MHz

15/09/2022

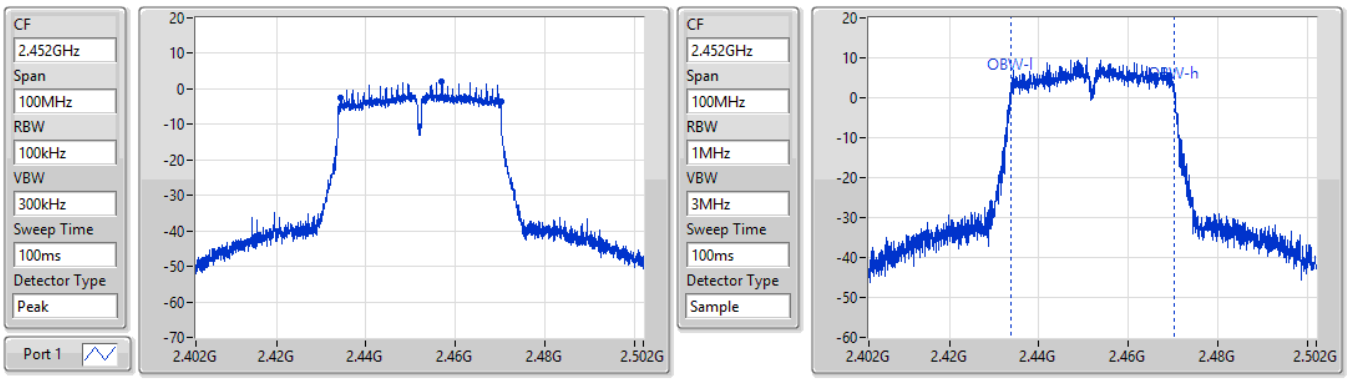


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.7M	2.41945G	2.45515G	36.445M	2.418818G	2.455264G	500k	1

VHT40_Nss1,(MCS0)_1TX EBW

2452MHz

15/09/2022



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.7M	2.43445G	2.47015G	36.471M	2.433773G	2.470245G	500k	1

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_1TX	22.48	0.17701
802.11g_Nss1,(6Mbps)_1TX	22.41	0.17418
VHT20_Nss1,(MCS0)_1TX	22.21	0.16634
VHT40_Nss1,(MCS0)_1TX	19.44	0.08790

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	6.49	20.78	20.78	29.51
2437MHz	Pass	6.49	20.65	20.65	29.51
2462MHz	Pass	6.49	22.48	22.48	29.51
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	6.49	19.80	19.80	29.51
2417MHz	Pass	6.49	20.60	20.60	29.51
2437MHz	Pass	6.49	22.41	22.41	29.51
2457MHz	Pass	6.49	20.67	20.67	29.51
2462MHz	Pass	6.49	18.74	18.74	29.51
VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz	Pass	6.49	19.58	19.58	29.51
2417MHz	Pass	6.49	22.08	22.08	29.51
2437MHz	Pass	6.49	22.21	22.21	29.51
2457MHz	Pass	6.49	20.53	20.53	29.51
2462MHz	Pass	6.49	19.71	19.71	29.51
VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-
2422MHz	Pass	6.49	19.44	19.44	29.51
2437MHz	Pass	6.49	18.79	18.79	29.51
2447MHz	Pass	6.49	16.97	16.97	29.51
2452MHz	Pass	6.49	15.60	15.60	29.51

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

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_1TX	-2.05
802.11g_Nss1,(6Mbps)_1TX	-3.42
VHT20_Nss1,(MCS0)_1TX	-4.07
VHT40_Nss1,(MCS0)_1TX	-9.52

RBW = 3kHz;

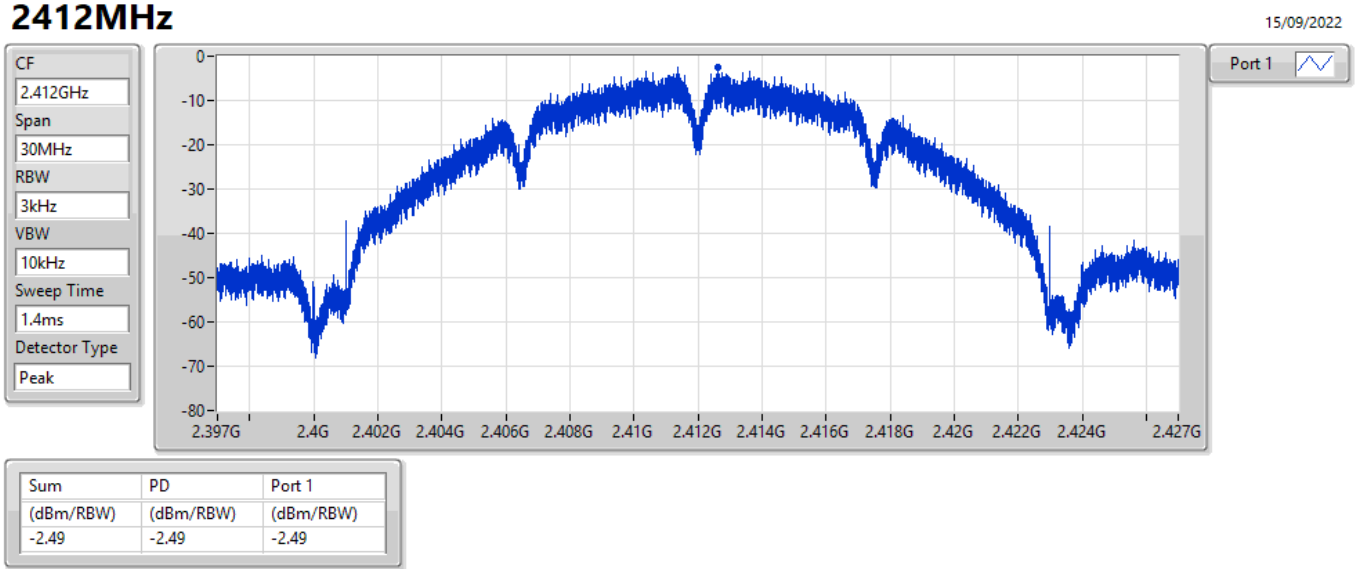
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	6.49	-2.49	-2.49	7.51
2437MHz	Pass	6.49	-2.95	-2.95	7.51
2462MHz	Pass	6.49	-2.05	-2.05	7.51
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	6.49	-5.91	-5.91	7.51
2437MHz	Pass	6.49	-3.42	-3.42	7.51
2462MHz	Pass	6.49	-6.55	-6.55	7.51
VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz	Pass	6.49	-6.69	-6.69	7.51
2437MHz	Pass	6.49	-4.07	-4.07	7.51
2462MHz	Pass	6.49	-5.26	-5.26	7.51
VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-
2422MHz	Pass	6.49	-9.52	-9.52	7.51
2437MHz	Pass	6.49	-9.69	-9.69	7.51
2452MHz	Pass	6.49	-12.20	-12.20	7.51

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

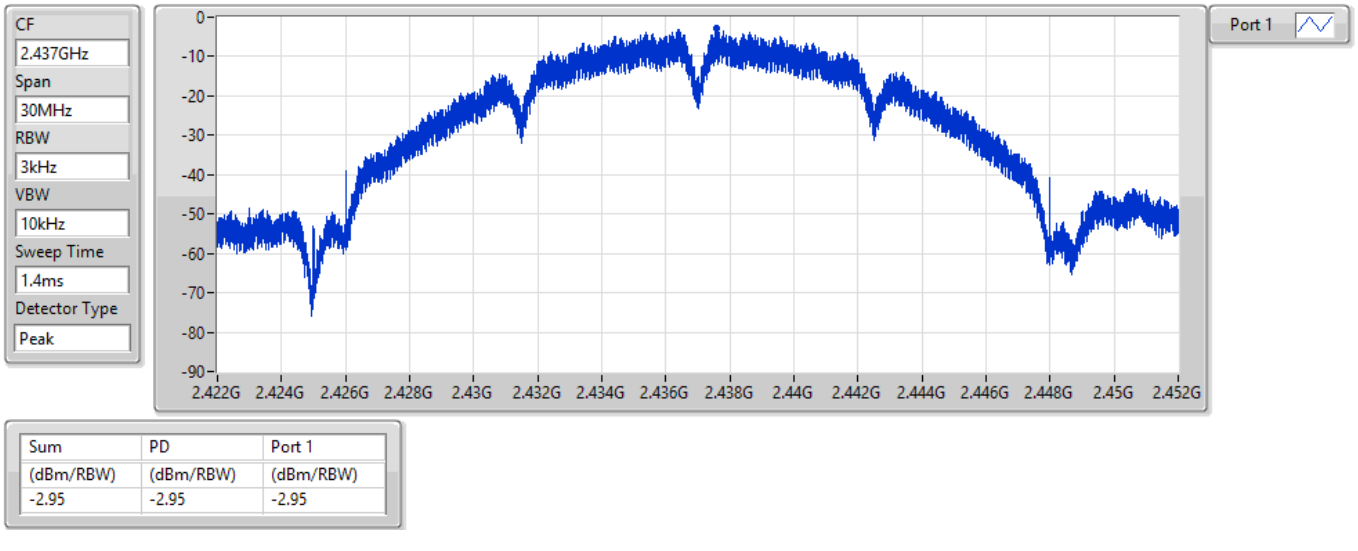
2412MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.49	-2.49	-2.49

802.11b_Nss1,(1Mbps)_1TX PSD

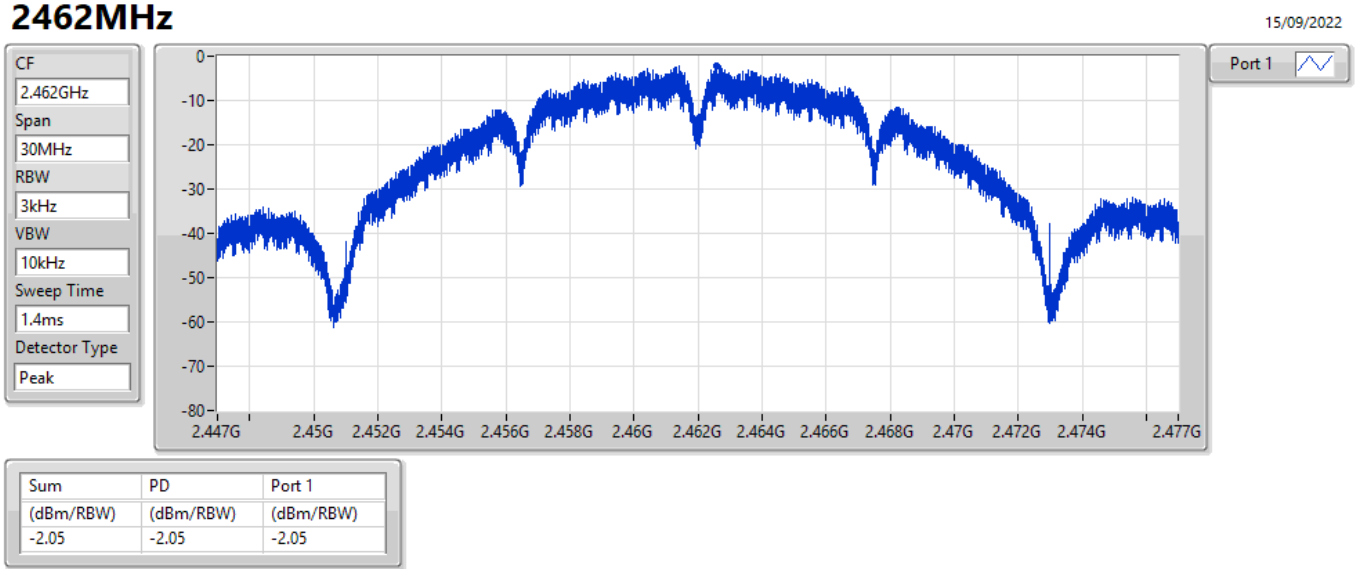
2437MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.95	-2.95	-2.95

802.11b_Nss1,(1Mbps)_1TX PSD

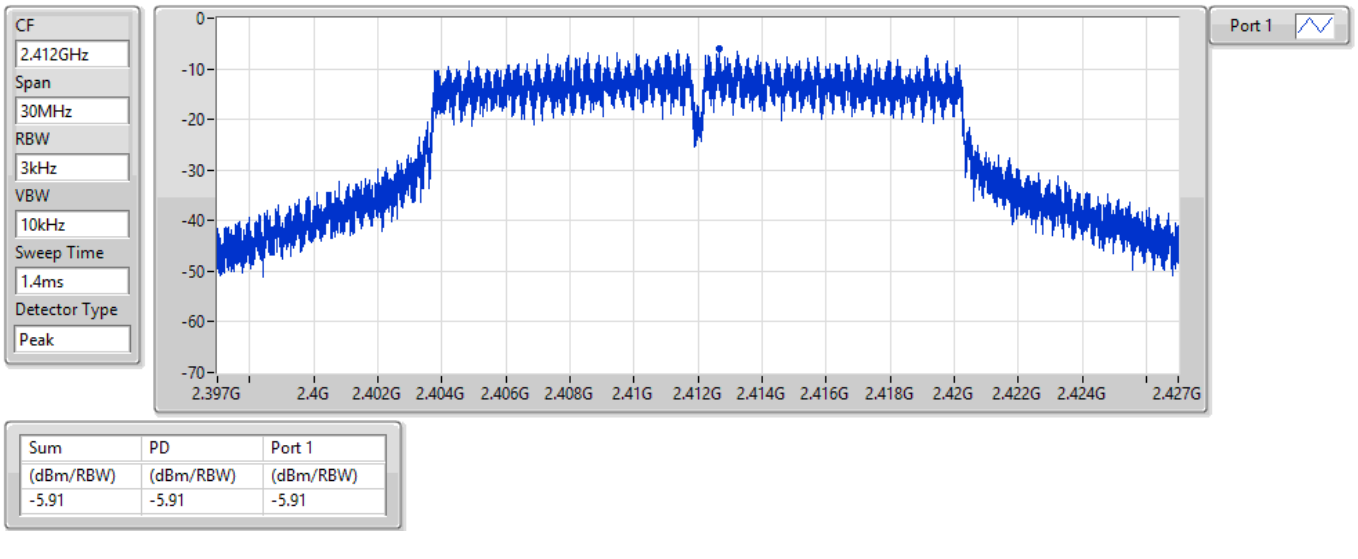
2462MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.05	-2.05	-2.05

802.11g_Nss1,(6Mbps)_1TX PSD

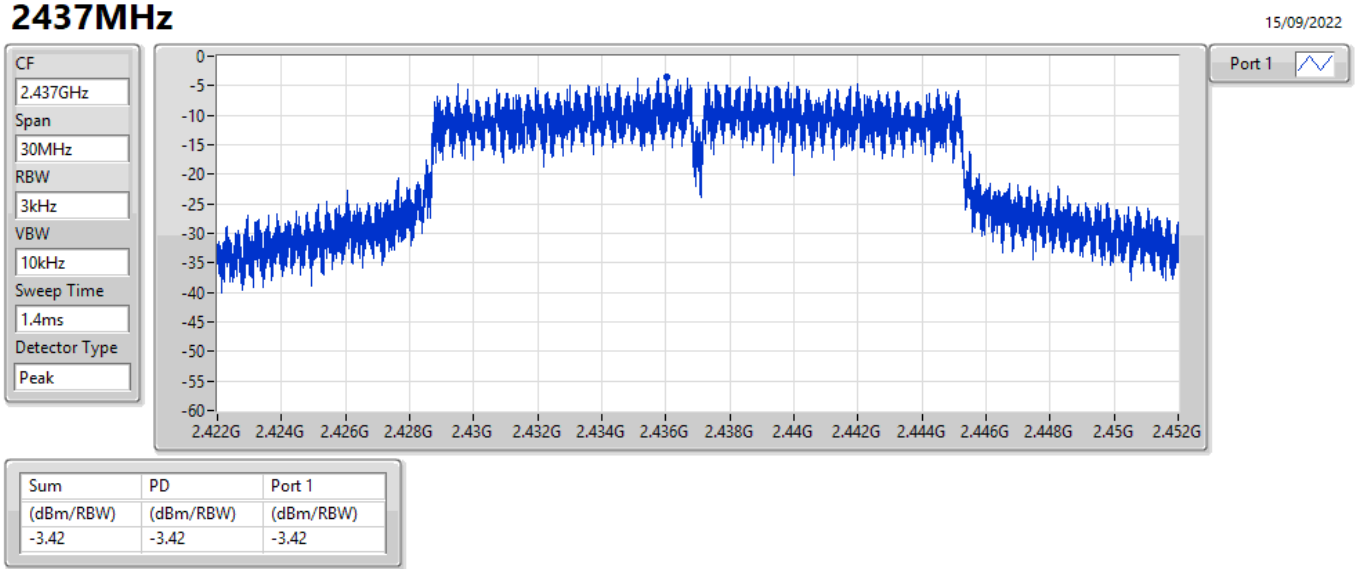
2412MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.91	-5.91	-5.91

802.11g_Nss1,(6Mbps)_1TX PSD

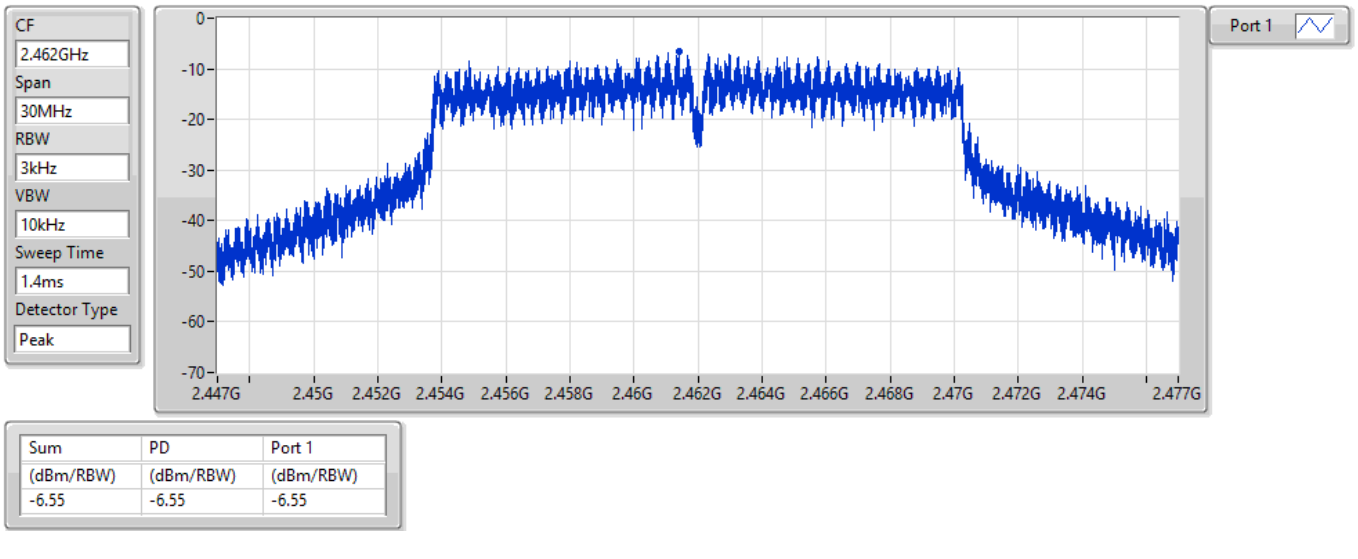
2437MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.42	-3.42	-3.42

802.11g_Nss1,(6Mbps)_1TX PSD

2462MHz

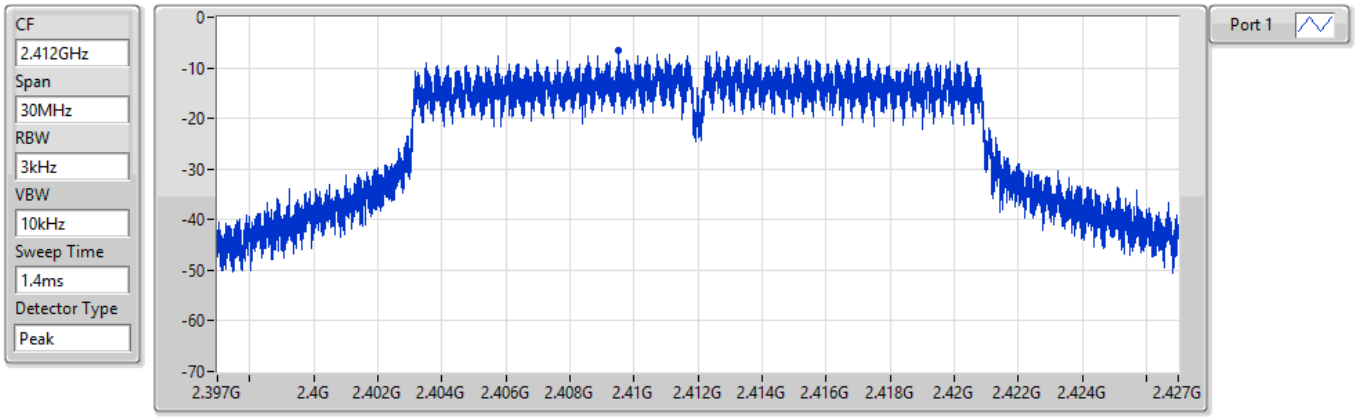


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.55	-6.55	-6.55

VHT20_Nss1,(MCS0)_1TX PSD

2412MHz

15/09/2022

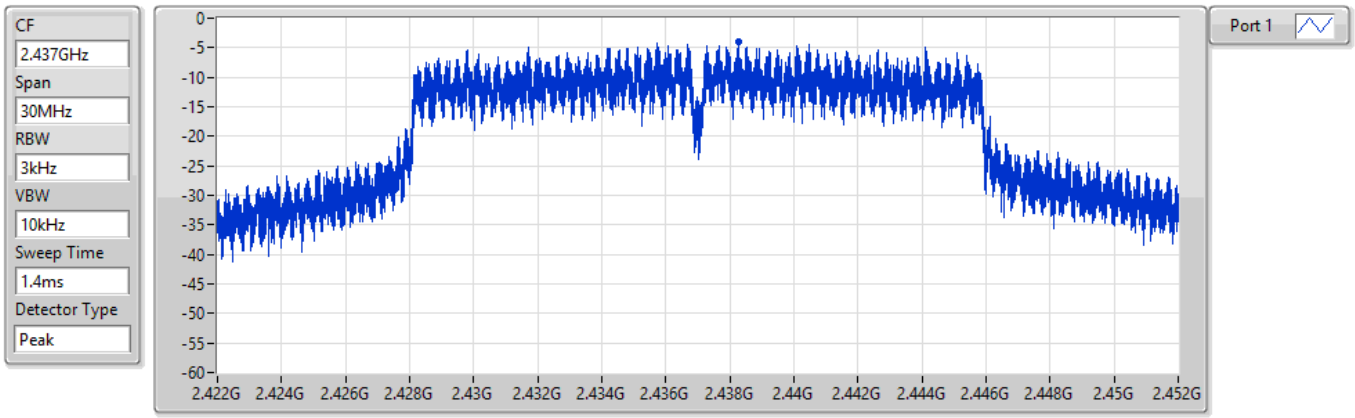


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.69	-6.69	-6.69

VHT20_Nss1,(MCS0)_1TX PSD

2437MHz

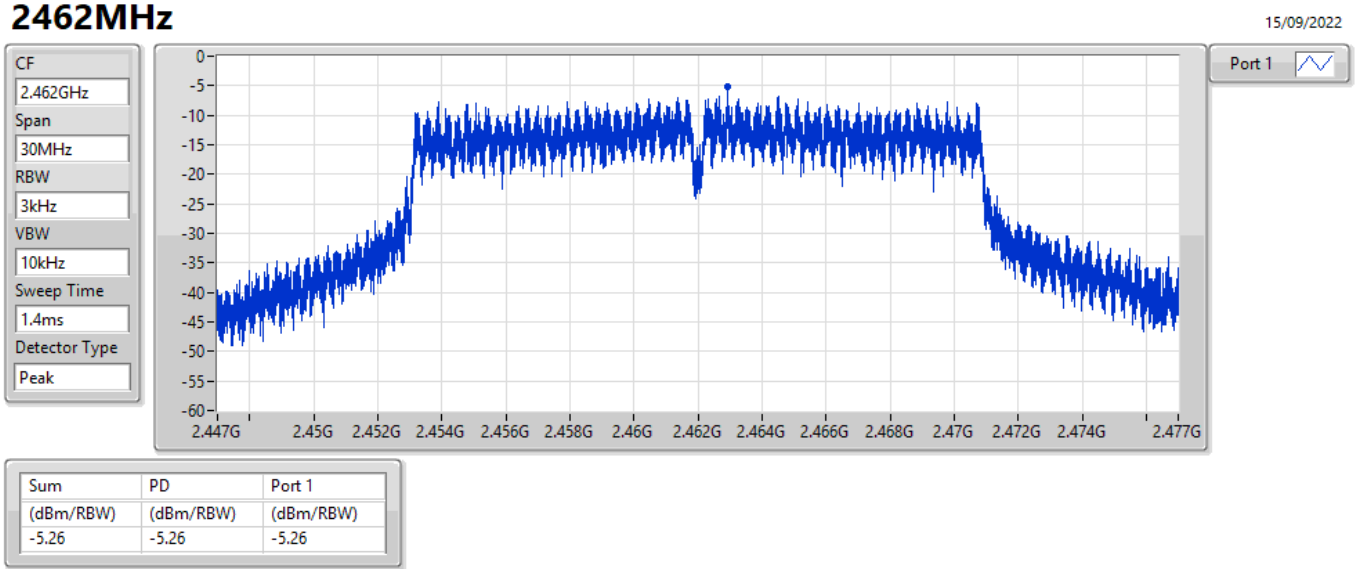
15/09/2022



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.07	-4.07	-4.07

VHT20_Nss1,(MCS0)_1TX PSD

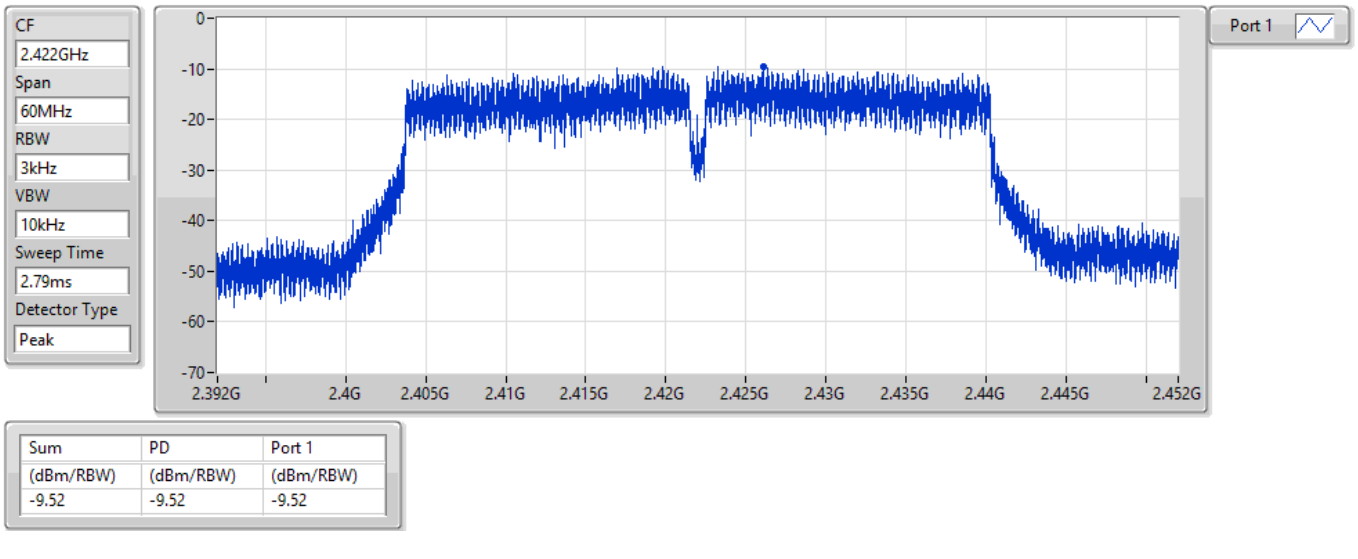
2462MHz



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

VHT40_Nss1,(MCS0)_1TX PSD

2422MHz



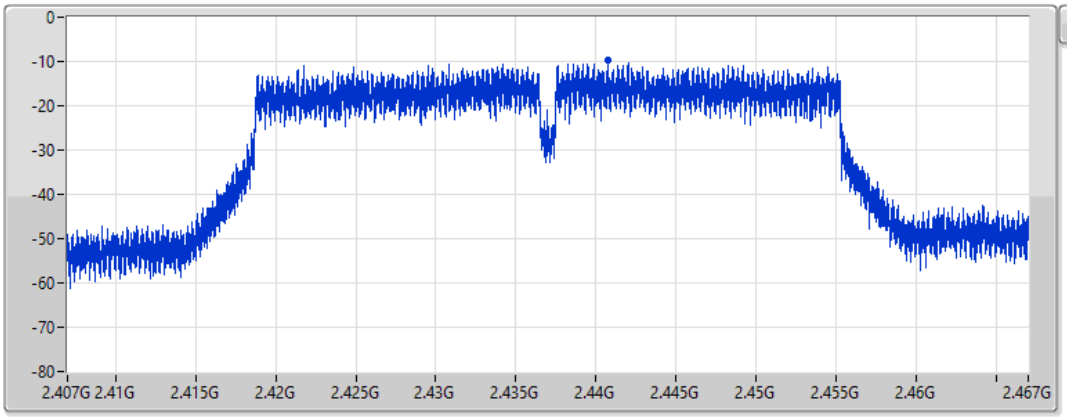
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.52	-9.52	-9.52

VHT40_Nss1,(MCS0)_1TX PSD

2437MHz

15/09/2022

CF	2.437GHz
Span	60MHz
RBW	3kHz
VBW	10kHz
Sweep Time	2.79ms
Detector Type	Peak



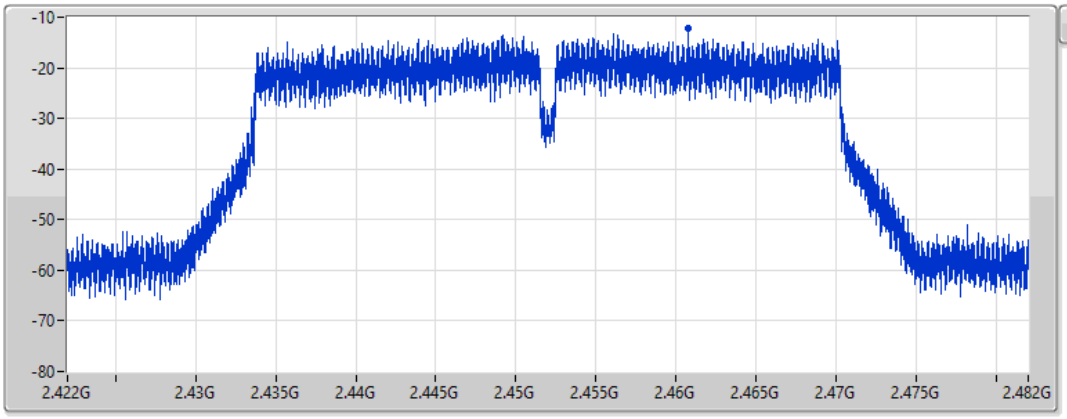
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.69	-9.69	-9.69

VHT40_Nss1,(MCS0)_1TX PSD

2452MHz

15/09/2022

CF	2.452GHz
Span	60MHz
RBW	3kHz
VBW	10kHz
Sweep Time	2.79ms
Detector Type	Peak



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-12.20	-12.20	-12.20

Summary

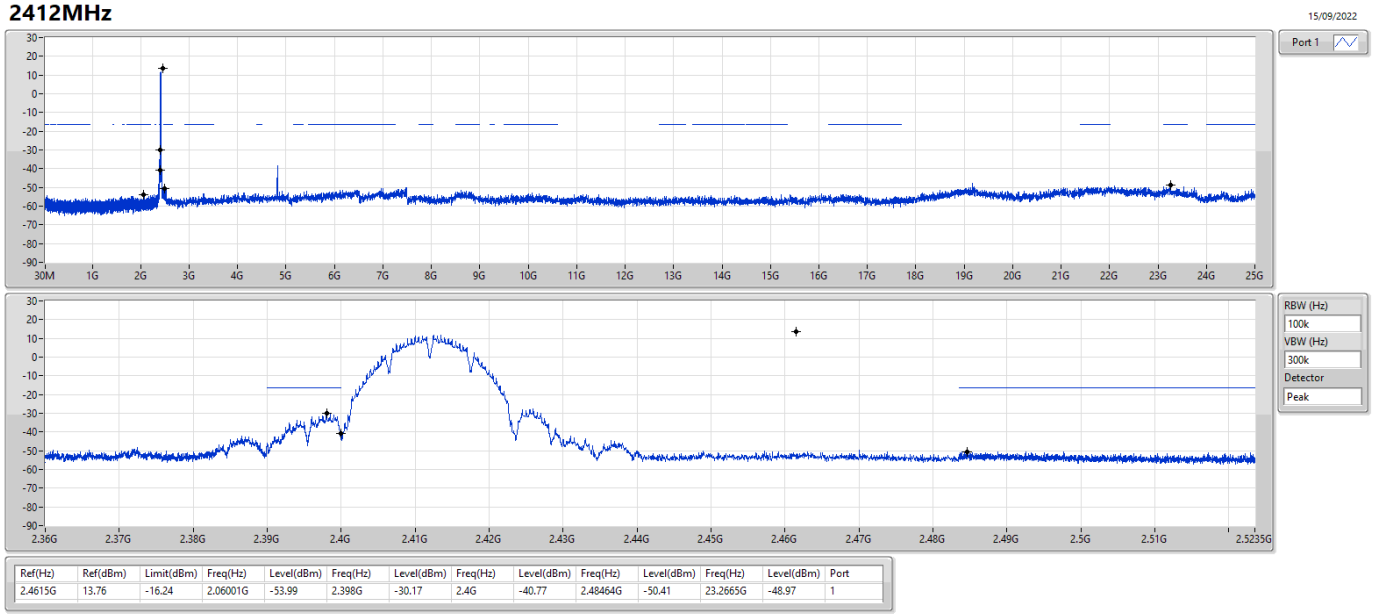
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX	Pass	2.4615G	13.76	-16.24	2.06001G	-53.99	2.398G	-30.17	2.4G	-40.77	2.48464G	-50.41	23.2665G	-48.97	1
802.11g_Nss1,(6Mbps)_1TX	Pass	2.43824G	12.79	-17.21	2.30233G	-54.13	2.39982G	-18.74	2.4G	-21.81	2.48512G	-48.62	21.41781G	-49.53	1
VHT20_Nss1,(MCS0)_1TX	Pass	2.43828G	12.67	-17.33	2.30991G	-54.26	2.39954G	-19.15	2.4G	-21.35	2.49708G	-49.20	21.65662G	-48.35	1
VHT40_Nss1,(MCS0)_1TX	Pass	2.42572G	6.29	-23.71	2.30082G	-54.00	2.397G	-26.56	2.4G	-30.34	2.48418G	-41.06	21.62331G	-48.63	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	2.4615G	13.76	-16.24	2.06001G	-53.99	2.398G	-30.17	2.4G	-40.77	2.48464G	-50.41	23.2665G	-48.97	1
2437MHz	Pass	2.4615G	13.76	-16.24	2.19865G	-54.16	2.39732G	-50.05	2.4G	-54.26	2.49602G	-49.96	21.69876G	-49.18	1
2462MHz	Pass	2.4615G	13.76	-16.24	2.11331G	-54.53	2.39444G	-50.55	2.4835G	-46.47	2.48848G	-34.00	6.30347G	-50.87	1
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43824G	12.79	-17.21	2.30233G	-54.13	2.39982G	-18.74	2.4G	-21.81	2.48512G	-48.62	21.41781G	-49.53	1
2437MHz	Pass	2.43824G	12.79	-17.21	2.11914G	-54.42	2.39982G	-32.15	2.4G	-35.42	2.49198G	-33.84	21.92915G	-47.47	1
2462MHz	Pass	2.43824G	12.79	-17.21	62.04M	-54.02	2.39992G	-50.68	2.4835G	-40.04	2.48414G	-37.36	6.44536G	-50.57	1
VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43828G	12.67	-17.33	2.30991G	-54.26	2.39954G	-19.15	2.4G	-21.35	2.49708G	-49.20	21.65662G	-48.35	1
2437MHz	Pass	2.43828G	12.67	-17.33	2.02827G	-54.11	2.39794G	-32.70	2.4G	-36.08	2.492G	-34.87	23.14288G	-48.39	1
2462MHz	Pass	2.43828G	12.67	-17.33	35.53M	-54.31	2.39672G	-49.94	2.4835G	-29.75	2.48382G	-30.39	21.58357G	-48.09	1
VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.42572G	6.29	-23.71	2.30082G	-54.00	2.397G	-26.56	2.4G	-30.34	2.48418G	-41.06	21.62331G	-48.63	1
2437MHz	Pass	2.42572G	6.29	-23.71	1.71773G	-54.44	2.39956G	-31.72	2.4G	-37.62	2.48506G	-37.42	21.5588G	-47.75	1
2452MHz	Pass	2.42572G	6.29	-23.71	1.95875G	-54.82	2.4G	-51.24	2.4835G	-41.74	2.4895G	-35.60	21.9879G	-48.66	1

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

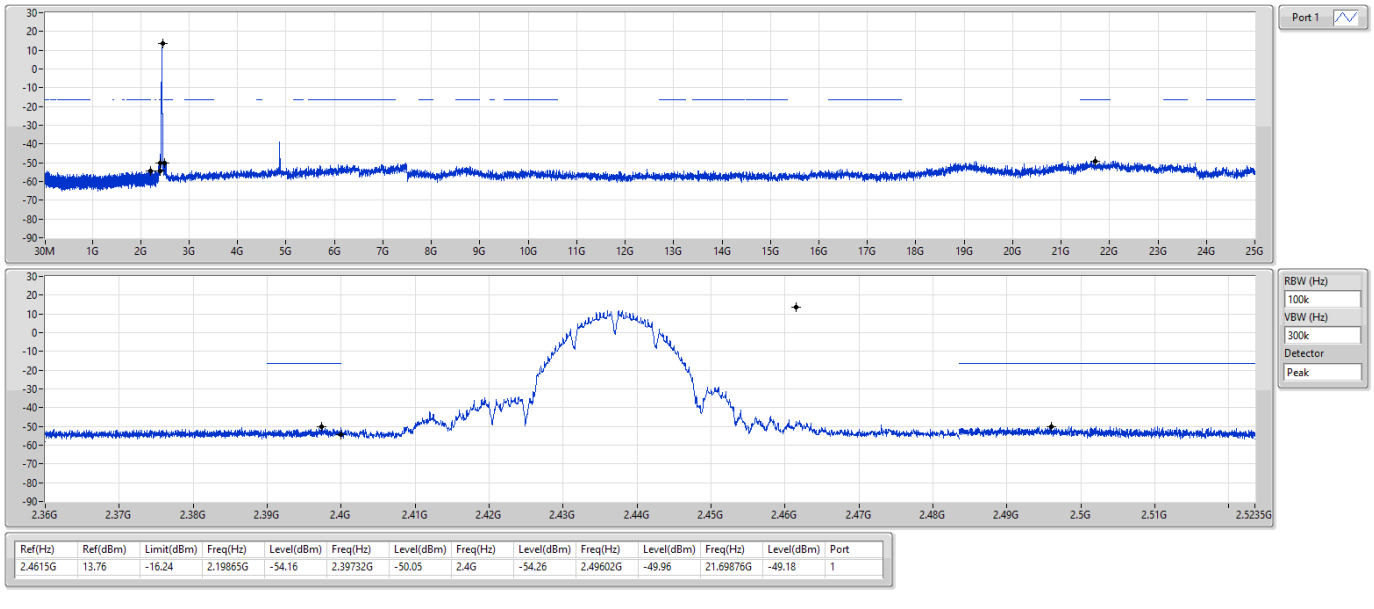
2412MHz



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
2.4615G	13.76	-16.24	2.06001G	-53.99	2.398G	-30.17	2.4G	-40.77	2.48464G	-50.41	23.2665G	-48.97	1

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

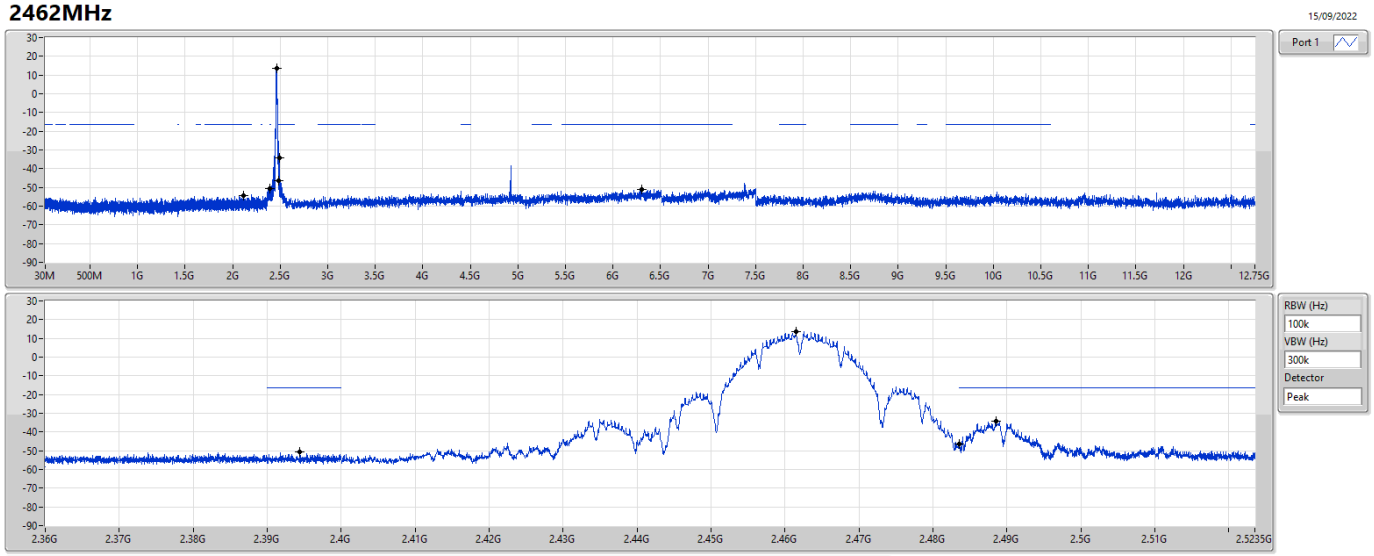
2437MHz



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
2.4615G	13.76	-16.24	2.19865G	-54.16	2.39732G	-50.05	2.4G	-54.26	2.49602G	-49.96	21.69876G	-49.18	1

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

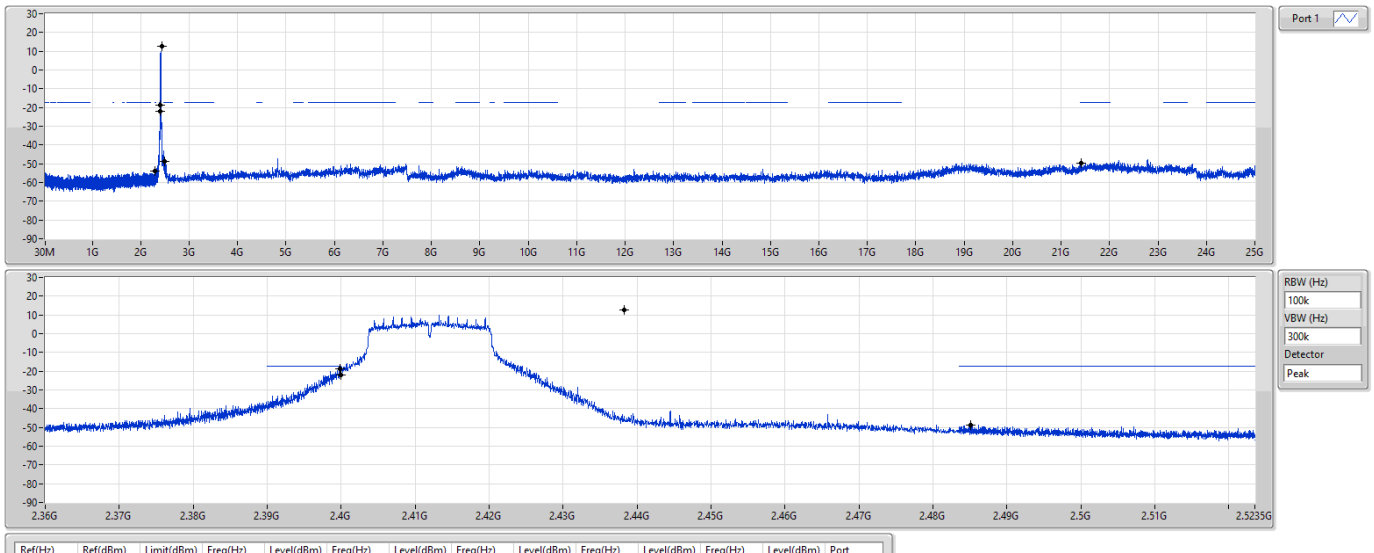
2462MHz



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
2.4615G	13.76	-16.24	2.11331G	-54.53	2.39444G	-50.55	2.4835G	-46.47	2.48848G	-34.00	6.30347G	-50.87	1

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

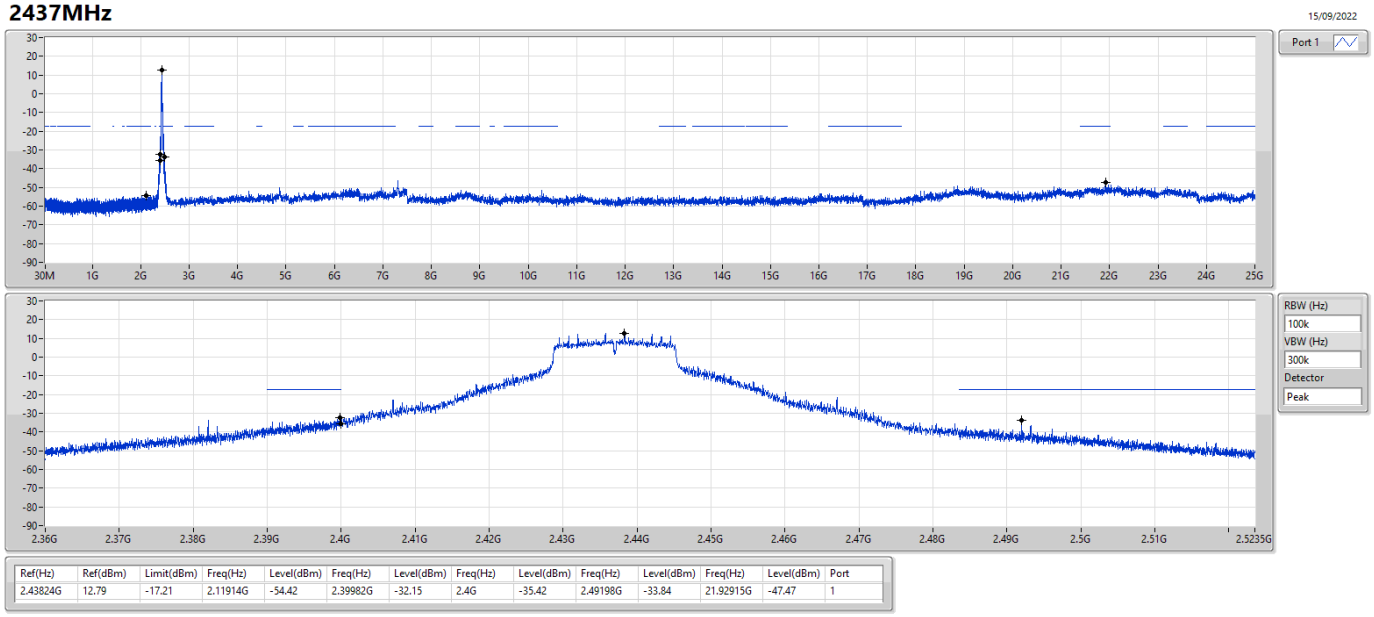
2412MHz



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
2.43824G	12.79	-17.21	2.30233G	-54.13	2.39982G	-18.74	2.4G	-21.81	2.48512G	-48.62	21.41781G	-49.53	1

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

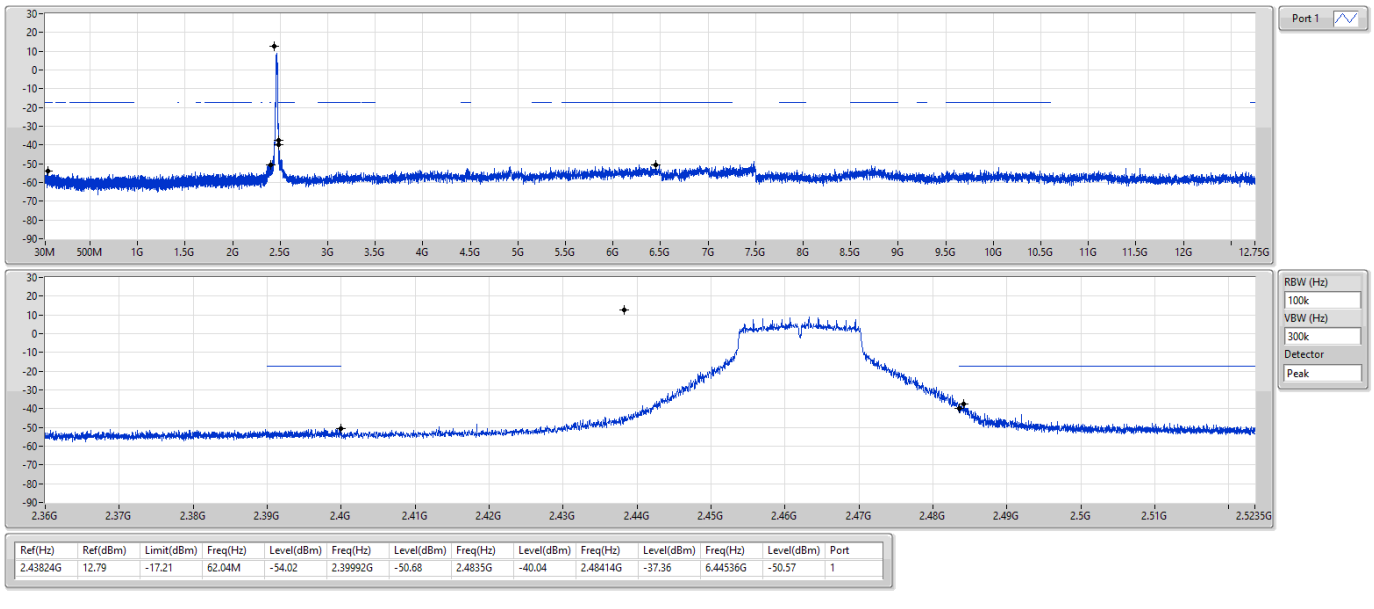
2437MHz



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
2.43824G	12.79	-17.21	2.11914G	-54.42	2.39982G	-32.15	2.4G	-35.42	2.49198G	-33.84	21.92915G	-47.47	1

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

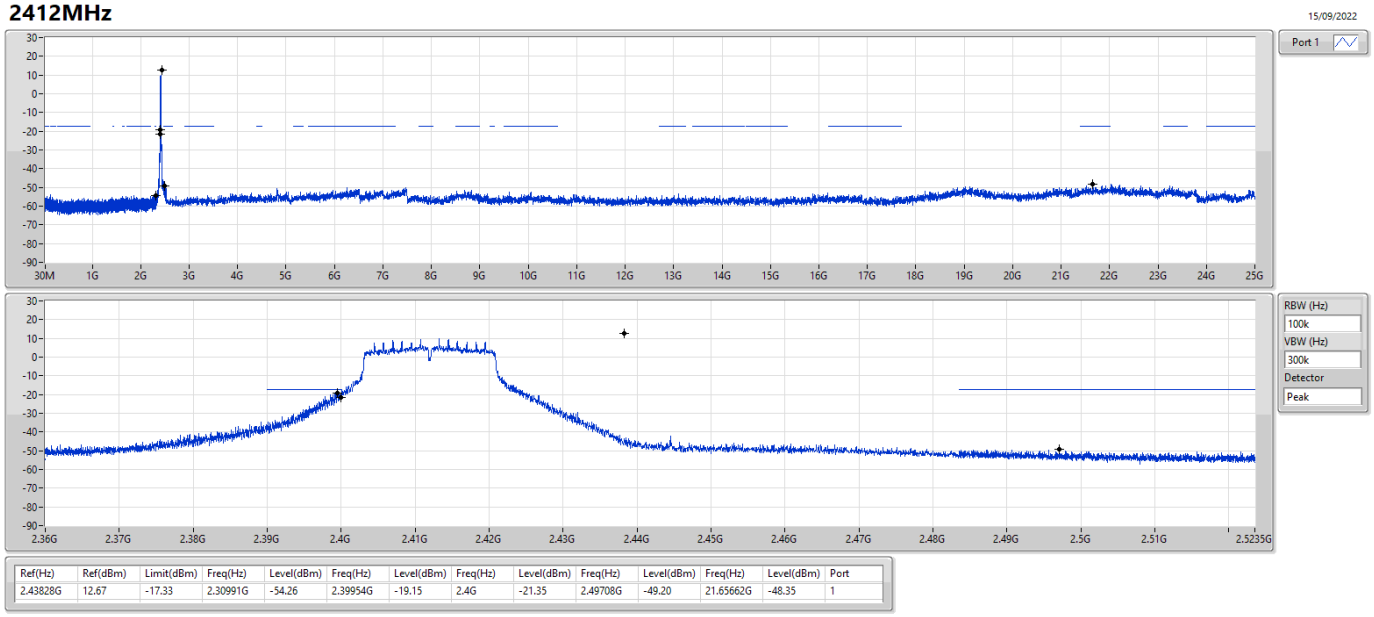
2462MHz



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
2.43824G	12.79	-17.21	62.04M	-54.02	2.39992G	-50.68	2.4835G	-40.04	2.48414G	-37.36	6.44536G	-50.57	1

VHT20_Nss1,(MCS0)_1TX **CSENdB**

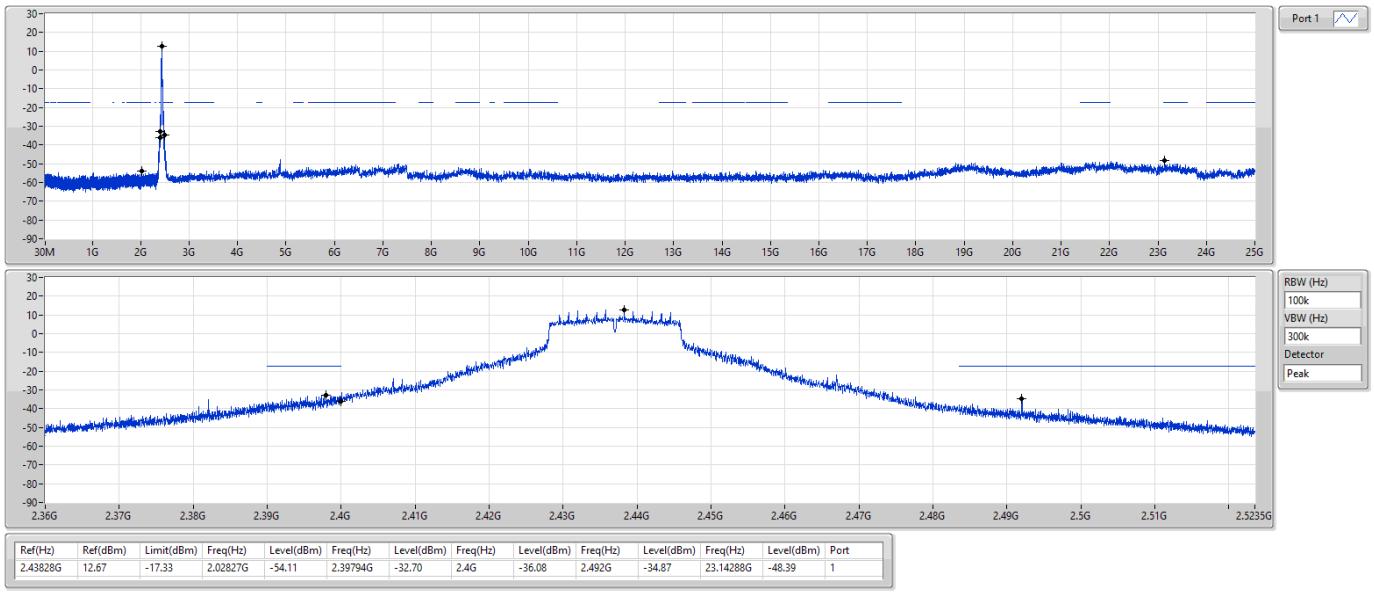
2412MHz



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
2.43828G	12.67	-17.33	2.30991G	-54.26	2.39954G	-19.15	2.4G	-21.35	2.49708G	-49.20	21.65662G	-48.35	1

VHT20_Nss1,(MCS0)_1TX **CSENdB**

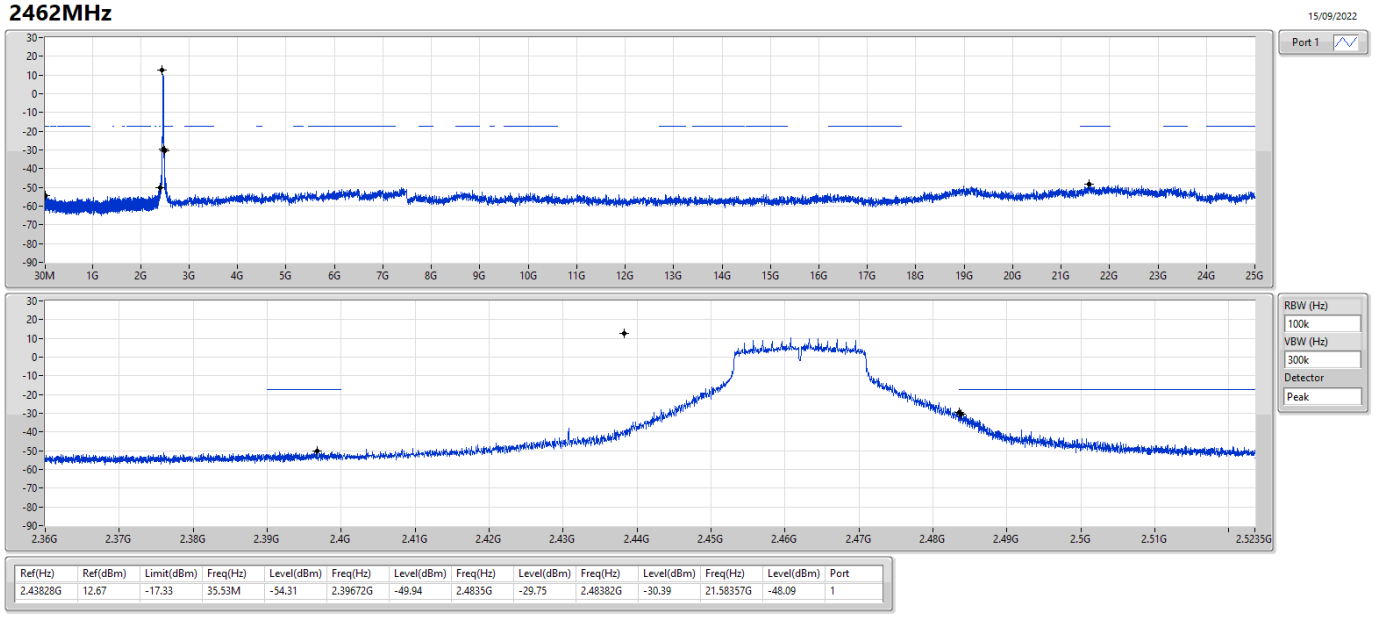
2437MHz



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
2.43828G	12.67	-17.33	2.02827G	-54.11	2.39794G	-32.70	2.4G	-36.08	2.492G	-34.87	23.14288G	-48.39	1

VHT20_Nss1,(MCS0)_1TX **CSENdB**

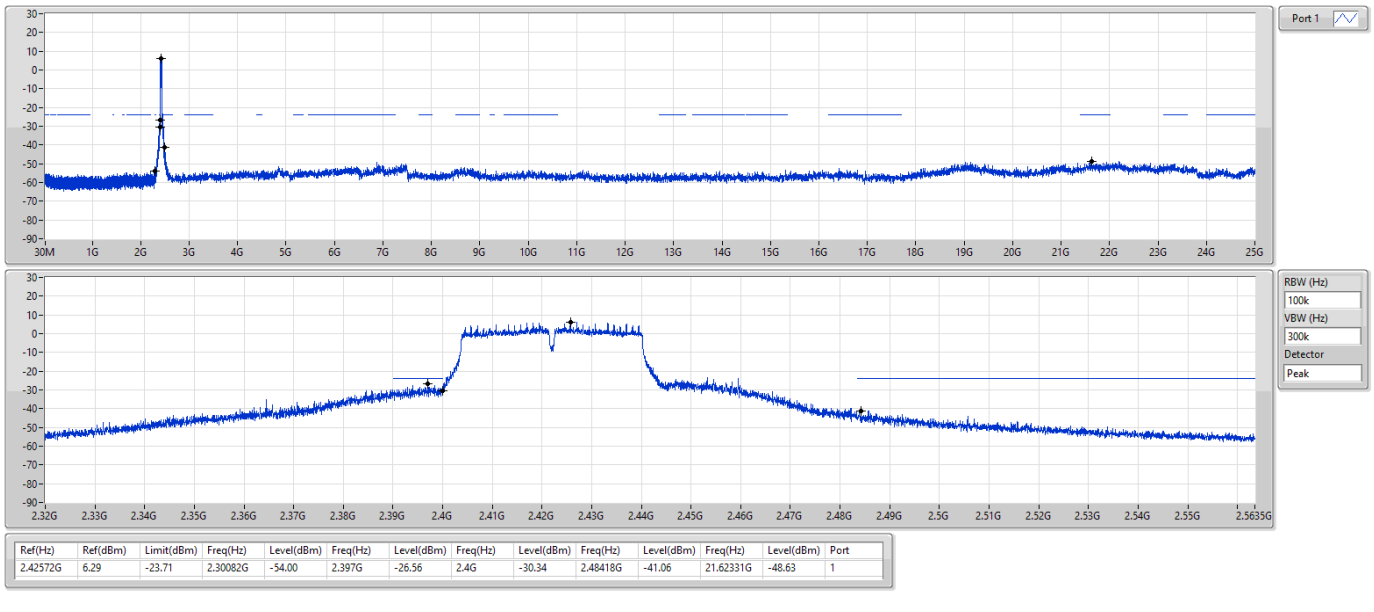
2462MHz



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
2.43828G	12.67	-17.33	35.53M	-54.31	2.39672G	-49.94	2.4835G	-29.75	2.48382G	-30.39	21.58357G	-48.09	1

VHT40_Nss1,(MCS0)_1TX **CSENdB**

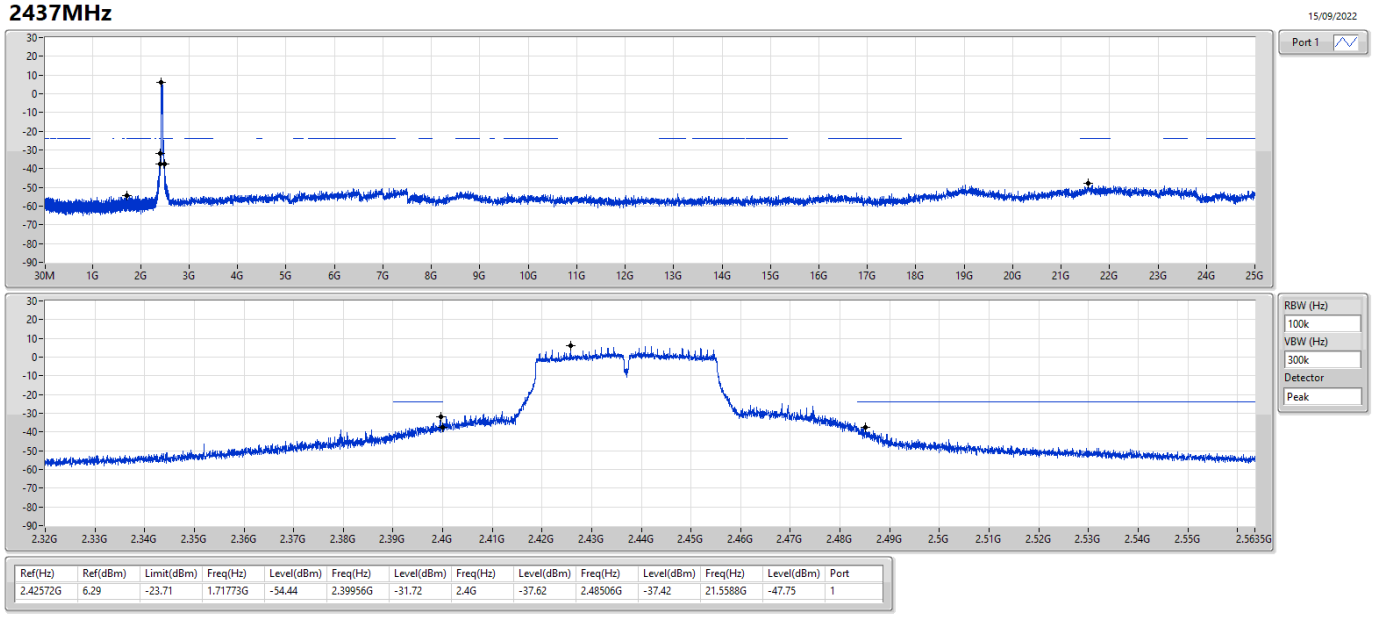
2422MHz



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
2.42572G	6.29	-23.71	2.30082G	-54.00	2.397G	-26.56	2.4G	-30.34	2.48418G	-41.06	21.62331G	-48.63	1

VHT40_Nss1,(MCS0)_1TX **CSENdB**

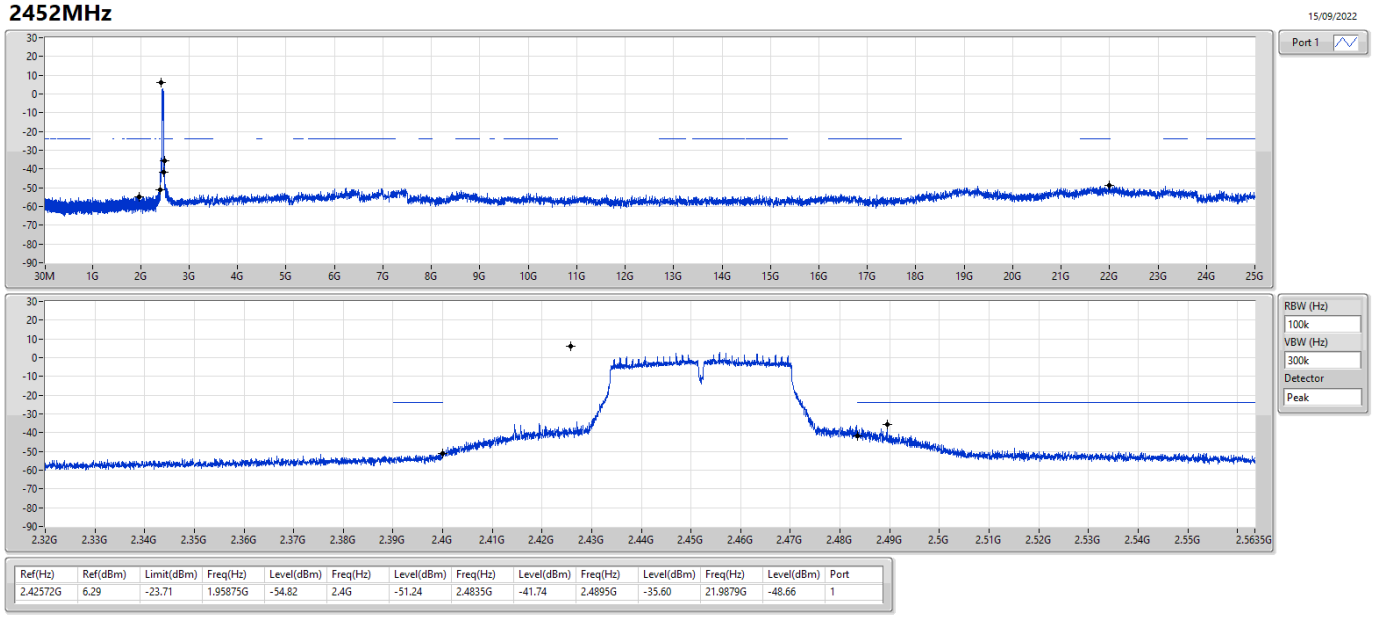
2437MHz



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
2.42572G	6.29	-23.71	1.71773G	-54.44	2.39956G	-31.72	2.4G	-37.62	2.48506G	-37.42	21.5588G	-47.75	1

VHT40_Nss1,(MCS0)_1TX **CSENdB**

2452MHz

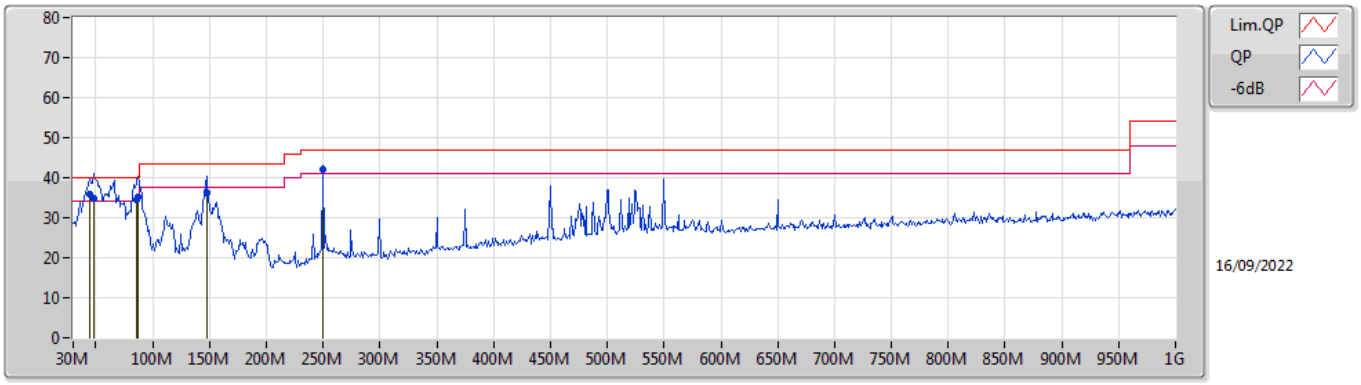


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.42572G	6.29	-23.71	1.95875G	-54.82	2.4G	-51.24	2.4835G	-41.74	2.4895G	-35.60	21.9879G	-48.66	1

Summary

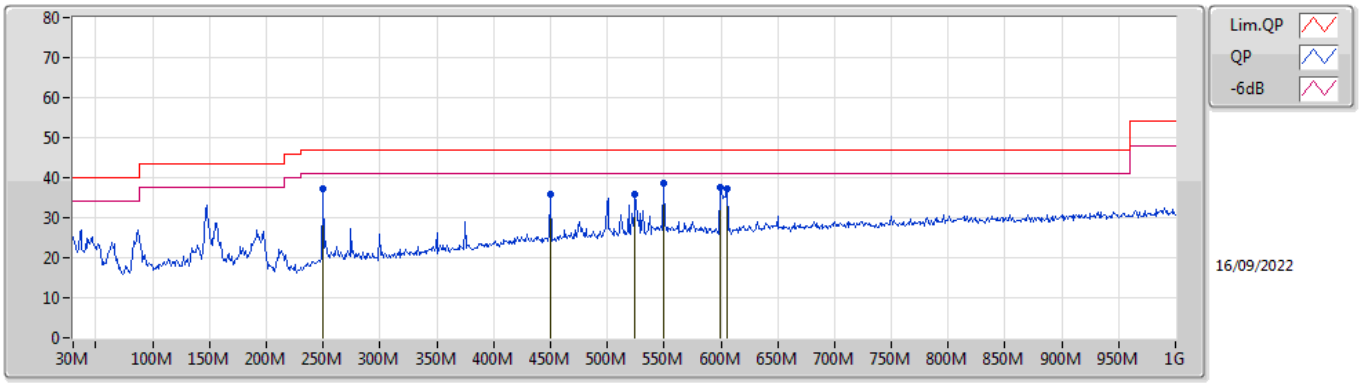
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 4	Pass	QP	250.19M	41.99	46.00	-4.01	Vertical

Mode 4



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)
QP	44.55M	35.94	40.00	-4.06	-14.61	3	Vertical	45	1.00	"Worst"	50.55	16.22	0.99	31.82
QP	48.43M	34.70	40.00	-5.30	-16.19	3	Vertical	5	1.00	-	50.89	14.59	1.07	31.85
QP	86.26M	34.63	40.00	-5.37	-16.63	3	Vertical	176	1.50	-	51.26	13.89	1.43	31.95
QP	87.23M	35.17	40.00	-4.83	-16.49	3	Vertical	106	1.00	-	51.66	14.02	1.44	31.95
QP	147.37M	36.20	43.50	-7.30	-13.77	3	Vertical	2	1.00	-	49.97	16.37	1.87	32.01
QP	250.19M	41.99	47.00	-5.01	-11.28	3	Vertical	143	1.00	-	53.27	18.22	2.50	32.00

Mode 4



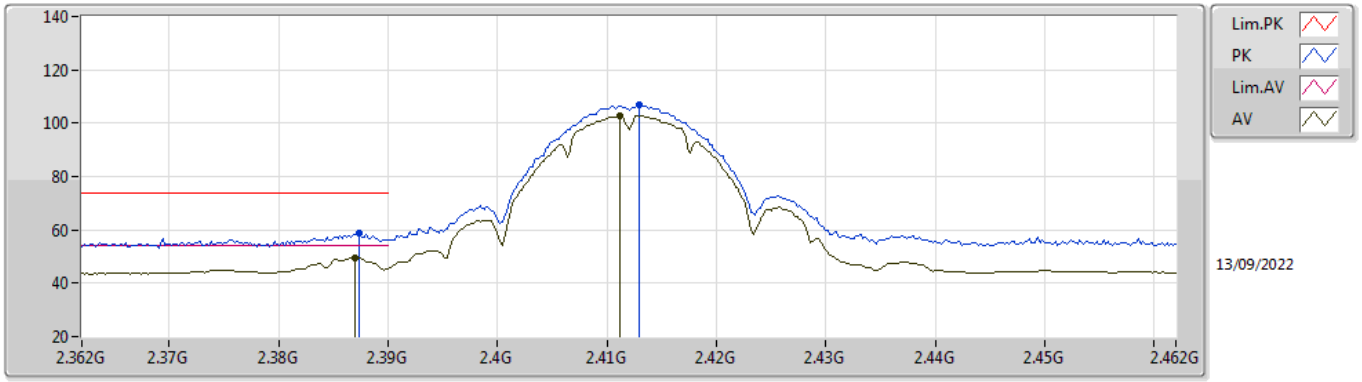
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
PK	250.19M	37.07	47.00	-9.93	-11.28	3	Horizontal	257	2.00	-	48.35	18.22	2.50	32.00
PK	450.01M	35.97	47.00	-11.03	-6.19	3	Horizontal	48	3.00	-	42.16	22.57	3.50	32.26
PK	524.7M	35.92	47.00	-11.08	-5.50	3	Horizontal	277	2.00	-	41.42	23.19	3.70	32.39
PK	549.92M	38.70	47.00	-8.30	-4.10	3	Horizontal	286	2.00	"Worst"	42.80	24.48	3.80	32.38
PK	599.39M	37.49	47.00	-9.51	-4.27	3	Horizontal	231	1.50	-	41.76	24.24	4.00	32.51
PK	605.21M	37.32	47.00	-9.68	-4.28	3	Horizontal	231	1.50	-	41.60	24.21	4.02	32.51

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
VHT20_Nss1,(MCS0)_1TX	Pass	AV	2.39G	53.85	54.00	-0.15	3	Vertical	4	1.18	-

802.11b_Nss1,(1Mbps)_1TX

2412MHz_TX

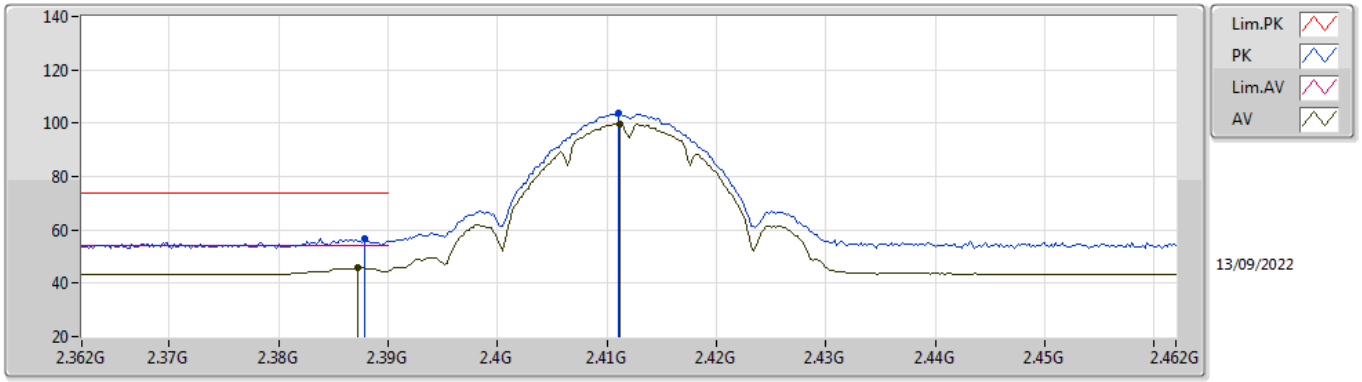


EUT Z_1TX
Setting 21
02-F-C-6

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	58.77	74.00	-15.23	27.61	3	Vertical	0	1.20	-	28.37	2.79	-
AV	2.387G	49.56	54.00	-4.44	18.40	3	Vertical	0	1.20	-	28.37	2.79	-
PK	2.413G	106.78	Inf	-Inf	75.57	3	Vertical	0	1.20	-	28.40	2.81	-
AV	2.4112G	102.77	Inf	-Inf	71.56	3	Vertical	0	1.20	-	28.40	2.81	-

802.11b_Nss1,(1Mbps)_1TX

2412MHz_TX

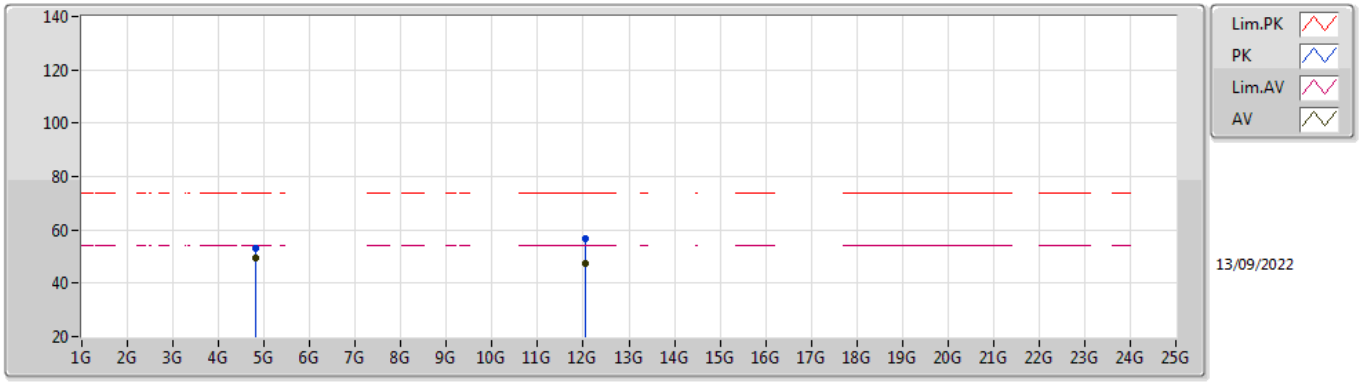


EUT Z_1TX
Setting 21
02-F-C-6

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	56.95	74.00	-17.05	25.78	3	Horizontal	78	2.51	-	28.38	2.79	-
AV	2.3872G	45.80	54.00	-8.20	14.64	3	Horizontal	78	2.51	-	28.37	2.79	-
PK	2.411G	103.62	Inf	-Inf	72.41	3	Horizontal	78	2.51	-	28.40	2.81	-
AV	2.4112G	99.77	Inf	-Inf	68.56	3	Horizontal	78	2.51	-	28.40	2.81	-

802.11b_Nss1,(1Mbps)_1TX

2412MHz_TX

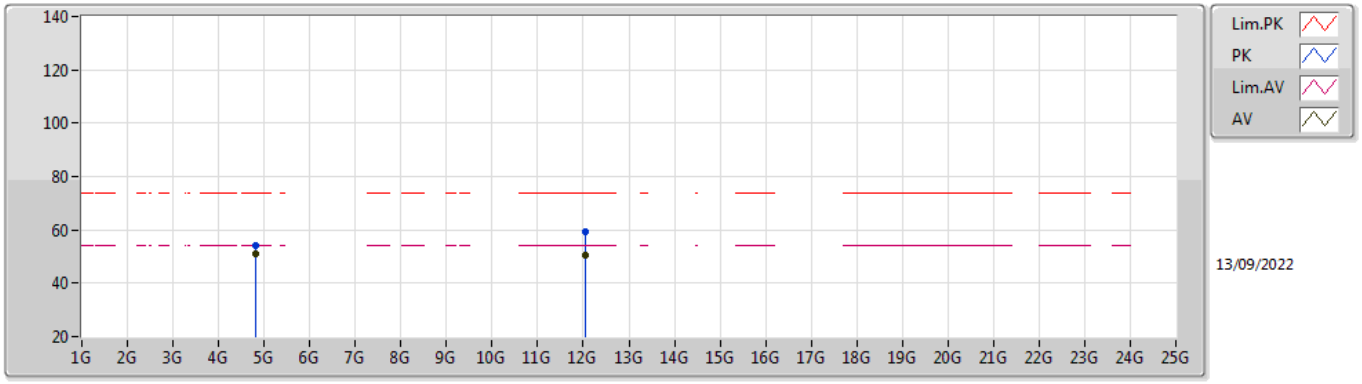


EUT Y_1TX
Setting 21
02-F-C-6

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	4.824G	52.89	74.00	-21.11	45.65	3	Vertical	34	1.91	-	32.94	5.10	30.80
AV	4.824G	49.70	54.00	-4.30	42.46	3	Vertical	34	1.91	-	32.94	5.10	30.80
PK	12.05856G	56.89	74.00	-17.11	42.01	3	Vertical	0	2.09	-	39.12	8.13	32.37
AV	12.05868G	47.66	54.00	-6.34	32.78	3	Vertical	0	2.09	-	39.12	8.13	32.37

802.11b_Nss1,(1Mbps)_1TX

2412MHz_TX

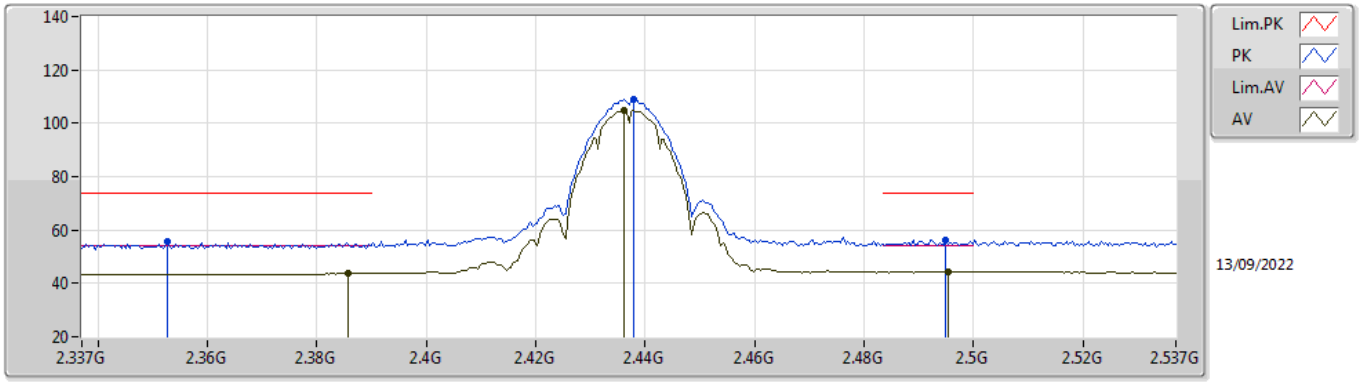


EUT Y_1TX
Setting 21
02-F-C-6

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	4.82412G	54.01	74.00	-19.99	46.77	3	Horizontal	20	1.80	-	32.94	5.10	30.80
AV	4.824G	51.13	54.00	-2.87	43.89	3	Horizontal	20	1.80	-	32.94	5.10	30.80
PK	12.06108G	59.21	74.00	-14.79	44.33	3	Horizontal	353	1.91	-	39.12	8.13	32.37
AV	12.06072G	50.54	54.00	-3.46	35.66	3	Horizontal	353	1.91	-	39.12	8.13	32.37

802.11b_Nss1,(1Mbps)_1TX

2437MHz_TX

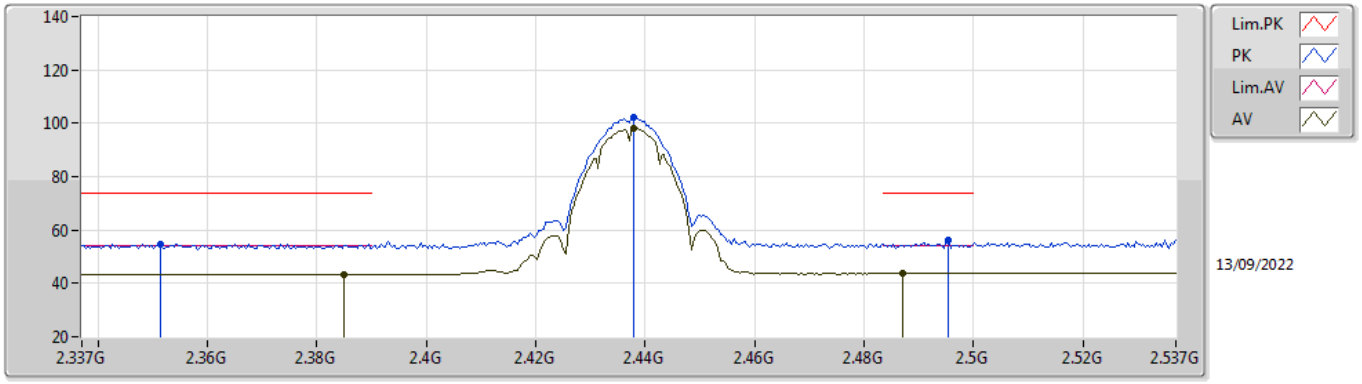


EUT Z_1TX
Setting 21
02-F-C-6

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	2.3526G	55.75	74.00	-18.25	24.66	3	Vertical	12	1.00	-	28.31	2.78	-
AV	2.3858G	43.70	54.00	-10.30	12.54	3	Vertical	12	1.00	-	28.37	2.79	-
PK	2.4378G	108.77	Inf	-Inf	77.53	3	Vertical	12	1.00	-	28.40	2.84	-
AV	2.4362G	104.87	Inf	-Inf	73.63	3	Vertical	12	1.00	-	28.40	2.84	-
PK	2.495G	56.11	74.00	-17.89	24.63	3	Vertical	12	1.00	-	28.58	2.90	-
AV	2.4954G	44.29	54.00	-9.71	12.81	3	Vertical	12	1.00	-	28.58	2.90	-

802.11b_Nss1,(1Mbps)_1TX

2437MHz_TX

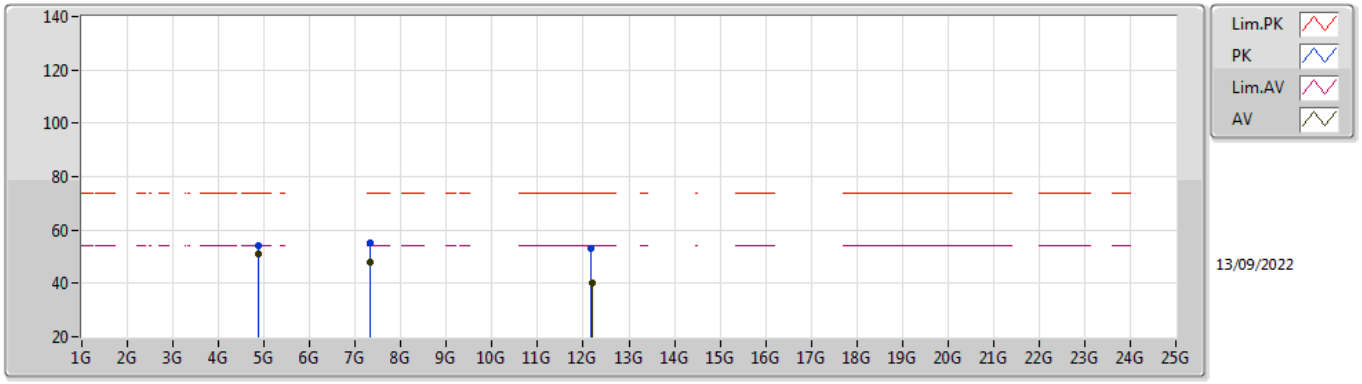


EUT Z_1TX
Setting 21
02-F-C-6

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	2.3514G	54.89	74.00	-19.11	23.81	3	Horizontal	88	2.73	-	28.30	2.78	-
AV	2.385G	43.39	54.00	-10.61	12.23	3	Horizontal	88	2.73	-	28.37	2.79	-
PK	2.4378G	102.02	Inf	-Inf	70.78	3	Horizontal	88	2.73	-	28.40	2.84	-
AV	2.4378G	97.88	Inf	-Inf	66.64	3	Horizontal	88	2.73	-	28.40	2.84	-
PK	2.4954G	56.11	74.00	-17.89	24.63	3	Horizontal	88	2.73	-	28.58	2.90	-
AV	2.487G	43.72	54.00	-10.28	12.28	3	Horizontal	88	2.73	-	28.55	2.89	-

802.11b_Nss1,(1Mbps)_1TX

2437MHz_TX

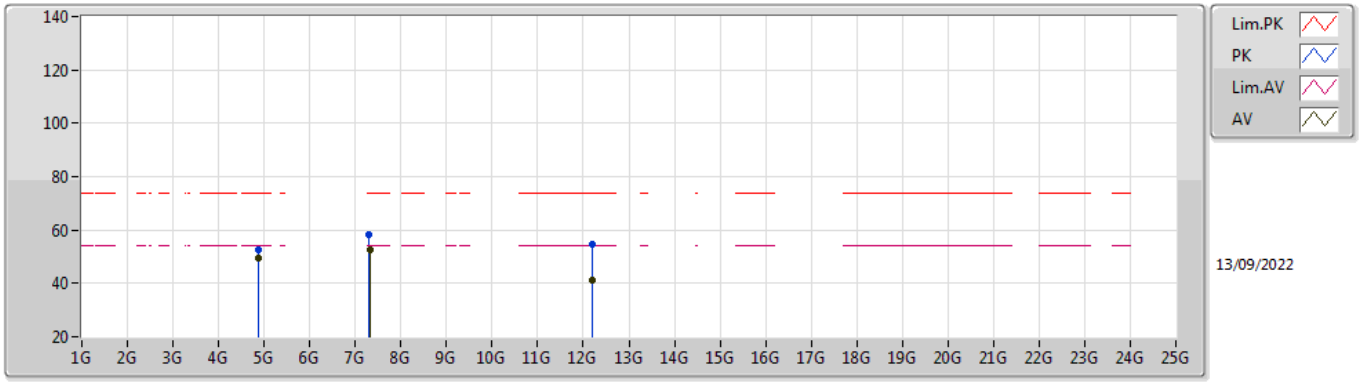


EUT Y_1TX
Setting 21
02-F-C-6

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	4.87394G	53.95	74.00	-20.05	46.48	3	Vertical	314	2.18	-	33.15	5.10	30.78
AV	4.874G	50.96	54.00	-3.04	43.49	3	Vertical	314	2.18	-	33.15	5.10	30.78
PK	7.3104G	55.21	74.00	-18.79	44.55	3	Vertical	30	1.72	-	36.42	6.16	31.92
AV	7.31022G	47.68	54.00	-6.32	37.02	3	Vertical	30	1.72	-	36.42	6.16	31.92
PK	12.18128G	52.98	74.00	-21.02	38.16	3	Vertical	29	1.42	-	38.92	8.19	32.29
AV	12.18416G	40.05	54.00	-13.95	25.23	3	Vertical	29	1.42	-	38.92	8.19	32.29

802.11b_Nss1,(1Mbps)_1TX

2437MHz_TX

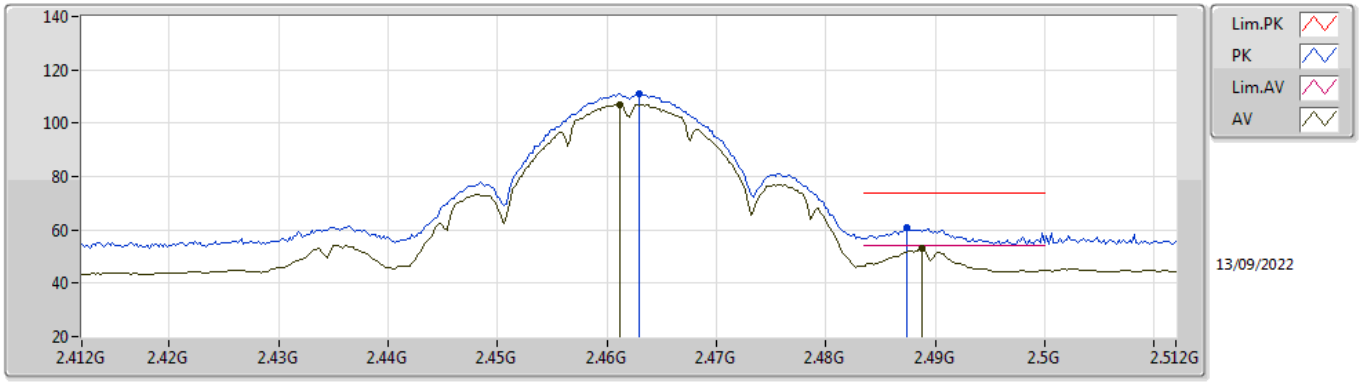


EUT Y_1TX
Setting 21
02-F-C-6

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	52.80	74.00	-21.20	45.33	3	Horizontal	0	2.07	-	33.15	5.10	30.78
AV	4.874G	49.34	54.00	-4.66	41.87	3	Horizontal	0	2.07	-	33.15	5.10	30.78
PK	7.30956G	58.21	74.00	-15.79	47.56	3	Horizontal	333	1.80	-	36.42	6.15	31.92
AV	7.31022G	52.47	54.00	-1.53	41.81	3	Horizontal	333	1.80	-	36.42	6.16	31.92
PK	12.19016G	54.59	74.00	-19.41	39.77	3	Horizontal	351	1.87	-	38.91	8.20	32.29
AV	12.1859G	41.01	54.00	-12.99	26.20	3	Horizontal	351	1.87	-	38.91	8.19	32.29

802.11b_Nss1,(1Mbps)_1TX

2462MHz_TX

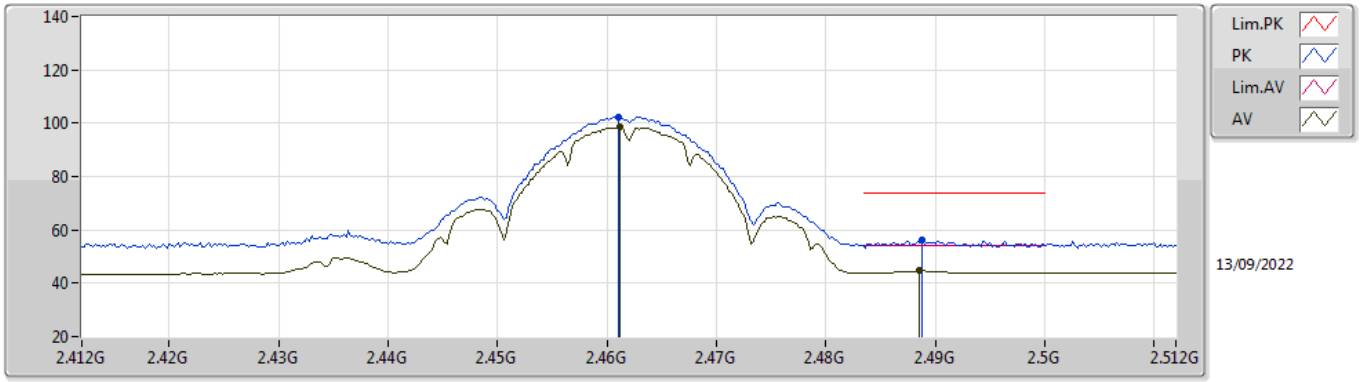


EUT Z_1TX
Setting 23
02-F-C-6

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	111.08	Inf	-Inf	79.77	3	Vertical	348	2.34	-	28.45	2.86	-
AV	2.4612G	107.07	Inf	-Inf	75.77	3	Vertical	348	2.34	-	28.44	2.86	-
PK	2.4874G	60.76	74.00	-13.24	29.32	3	Vertical	348	2.34	-	28.55	2.89	-
AV	2.4888G	53.20	54.00	-0.80	21.75	3	Vertical	348	2.34	-	28.56	2.89	-

802.11b_Nss1,(1Mbps)_1TX

2462MHz_TX

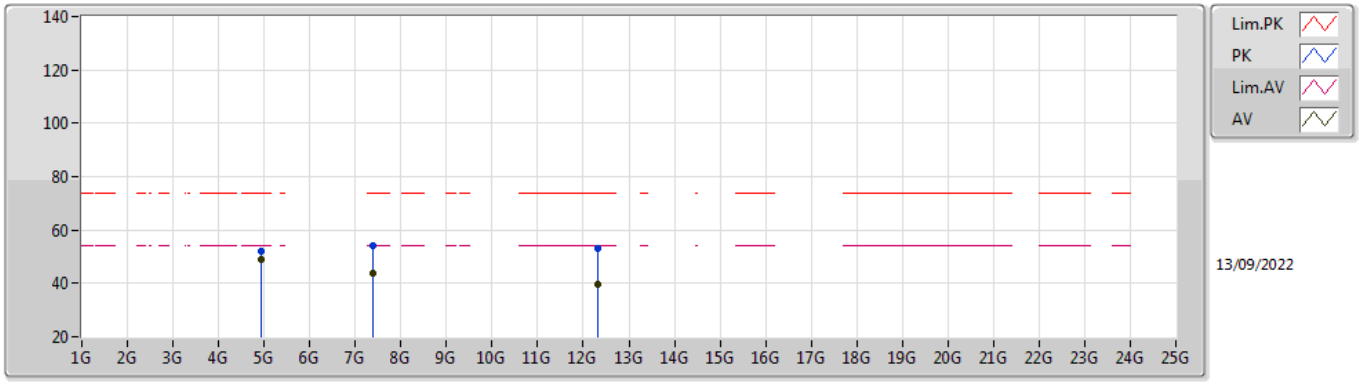


EUT Z_1TX
Setting 23
02-F-C-6

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	102.47	Inf	-Inf	71.17	3	Horizontal	92	2.69	-	28.44	2.86	-
AV	2.4612G	98.61	Inf	-Inf	67.31	3	Horizontal	92	2.69	-	28.44	2.86	-
PK	2.4888G	56.12	74.00	-17.88	24.67	3	Horizontal	92	2.69	-	28.56	2.89	-
AV	2.4886G	44.69	54.00	-9.31	13.25	3	Horizontal	92	2.69	-	28.55	2.89	-

802.11b_Nss1,(1Mbps)_1TX

2462MHz_TX

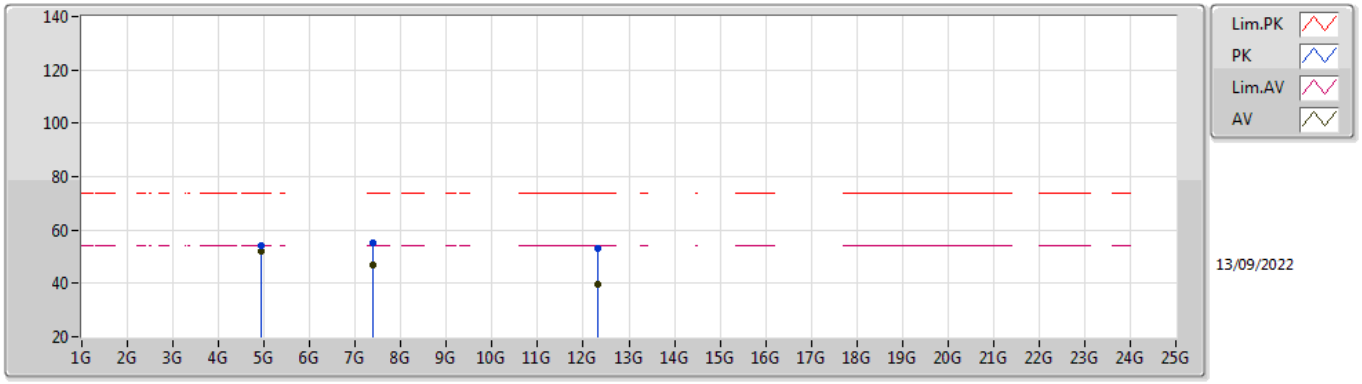


EUT Y_1TX
Setting 23
02-F-C-6

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	4.924G	51.89	74.00	-22.11	44.30	3	Vertical	307	1.95	-	33.25	5.10	30.76
AV	4.924G	49.16	54.00	-4.84	41.57	3	Vertical	307	1.95	-	33.25	5.10	30.76
PK	7.38456G	54.05	74.00	-19.95	43.32	3	Vertical	46	1.82	-	36.50	6.19	31.96
AV	7.38678G	43.98	54.00	-10.02	33.25	3	Vertical	46	1.82	-	36.50	6.19	31.96
PK	12.31462G	53.31	74.00	-20.69	38.47	3	Vertical	124	2.78	-	38.79	8.26	32.21
AV	12.32308G	39.82	54.00	-14.18	24.98	3	Vertical	124	2.78	-	38.78	8.26	32.20

802.11b_Nss1,(1Mbps)_1TX

2462MHz_TX

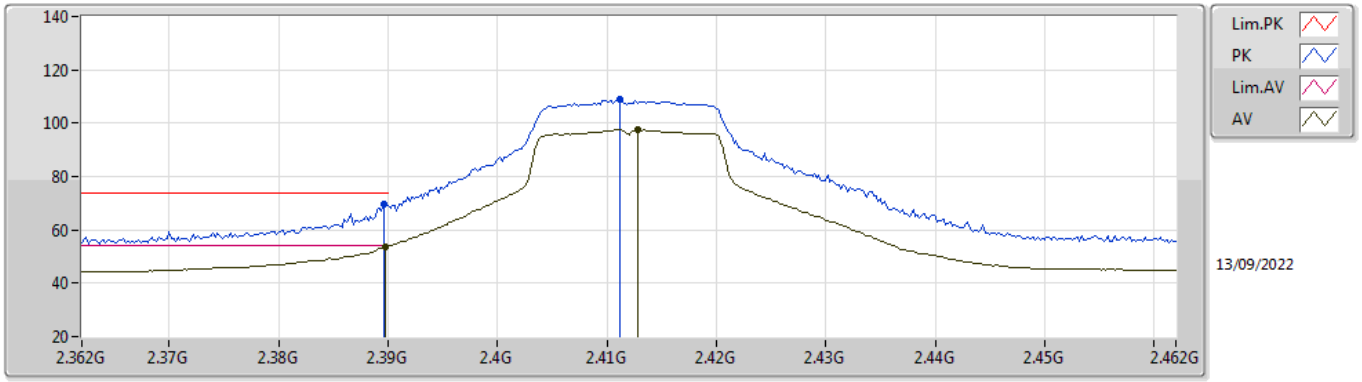


EUT Y_1TX
Setting 23
02-F-C-6

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	4.924G	54.08	74.00	-19.92	46.49	3	Horizontal	46	2.45	-	33.25	5.10	30.76
AV	4.924G	51.84	54.00	-2.16	44.25	3	Horizontal	46	2.45	-	33.25	5.10	30.76
PK	7.38492G	55.30	74.00	-18.70	44.57	3	Horizontal	328	1.98	-	36.50	6.19	31.96
AV	7.38672G	47.00	54.00	-7.00	36.27	3	Horizontal	328	1.98	-	36.50	6.19	31.96
PK	12.31744G	52.92	74.00	-21.08	38.09	3	Horizontal	32	1.35	-	38.78	8.26	32.21
AV	12.32362G	39.87	54.00	-14.13	25.03	3	Horizontal	32	1.35	-	38.78	8.26	32.20

802.11g_Nss1,(6Mbps)_1TX

2412MHz_TX

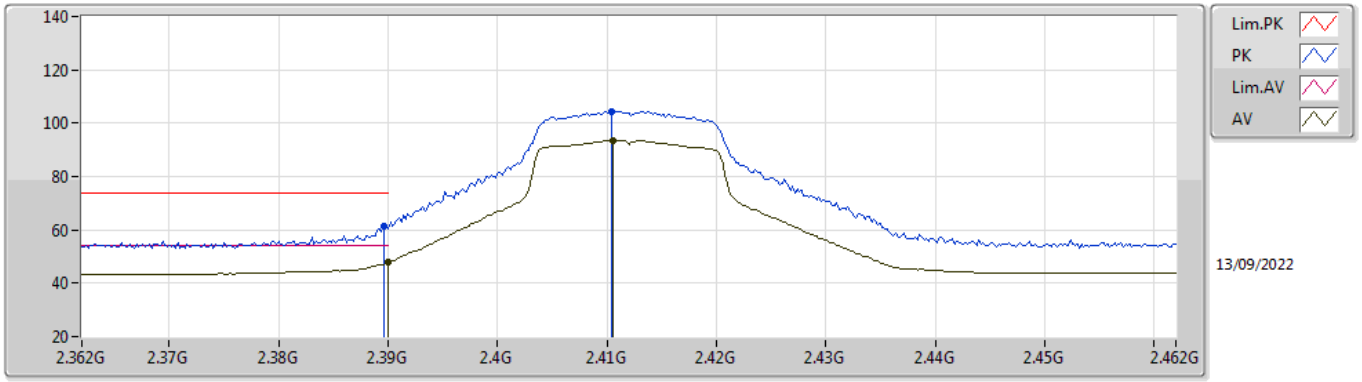


EUT Z_1TX
Setting 21
02-F-C-6

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	69.41	74.00	-4.59	38.24	3	Vertical	20	1.03	-	28.38	2.79	-
AV	2.3898G	53.53	54.00	-0.47	22.36	3	Vertical	20	1.03	-	28.38	2.79	-
PK	2.4112G	109.15	Inf	-Inf	77.94	3	Vertical	20	1.03	-	28.40	2.81	-
AV	2.4128G	97.49	Inf	-Inf	66.28	3	Vertical	20	1.03	-	28.40	2.81	-

802.11g_Nss1,(6Mbps)_1TX

2412MHz_TX

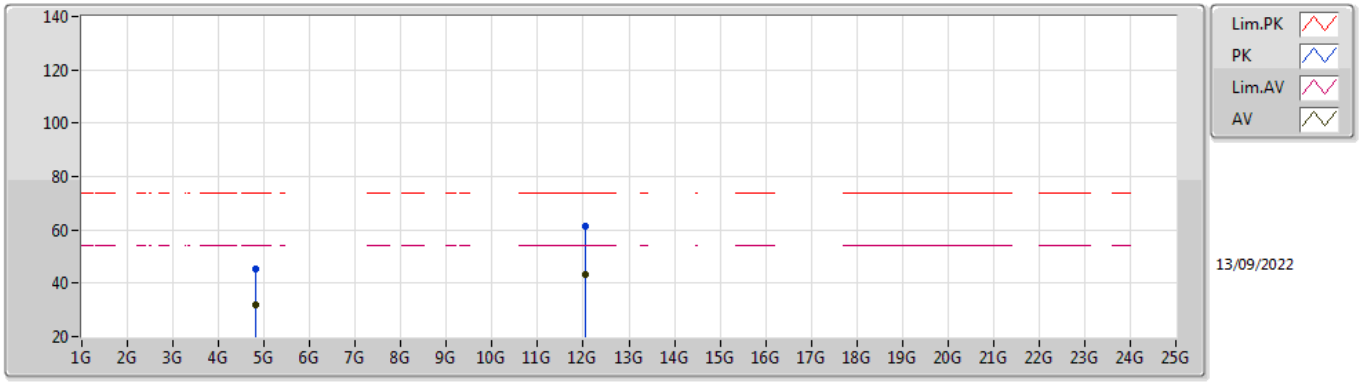


EUT Z_1TX
Setting 21
02-F-C-6

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	61.51	74.00	-12.49	30.34	3	Horizontal	85	2.50	-	28.38	2.79	-
AV	2.39G	47.88	54.00	-6.12	16.71	3	Horizontal	85	2.50	-	28.38	2.79	-
PK	2.4104G	104.55	Inf	-Inf	73.34	3	Horizontal	85	2.50	-	28.40	2.81	-
AV	2.4106G	93.65	Inf	-Inf	62.44	3	Horizontal	85	2.50	-	28.40	2.81	-

802.11g_Nss1,(6Mbps)_1TX

2412MHz_TX

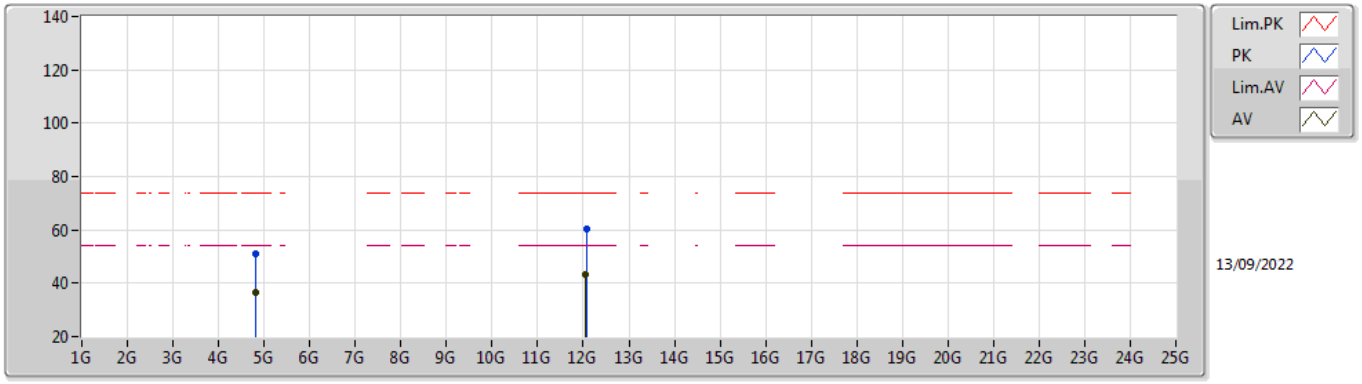


EUT Y_1TX
Setting 21
02-F-C-6

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	4.82148G	45.55	74.00	-28.45	38.32	3	Vertical	311	1.92	-	32.93	5.10	30.80
AV	4.8228G	32.08	54.00	-21.92	24.84	3	Vertical	311	1.92	-	32.94	5.10	30.80
PK	12.04692G	61.14	74.00	-12.86	46.24	3	Vertical	324	2.21	-	39.16	8.12	32.38
AV	12.06024G	43.21	54.00	-10.79	28.33	3	Vertical	324	2.21	-	39.12	8.13	32.37

802.11g_Nss1,(6Mbps)_1TX

2412MHz_TX

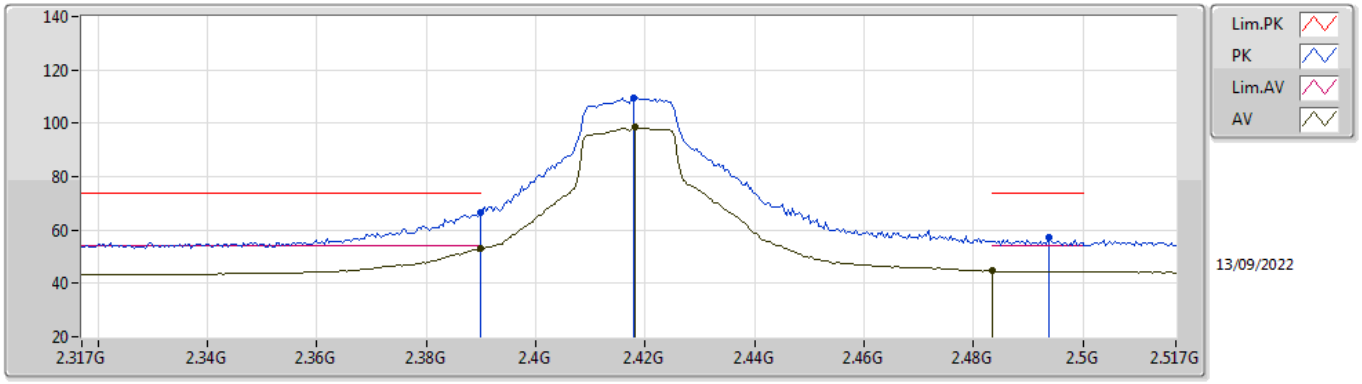


EUT Y_1TX
Setting 21
02-F-C-6

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	4.82424G	51.28	74.00	-22.72	44.03	3	Horizontal	12	1.78	-	32.95	5.10	30.80
AV	4.82334G	36.41	54.00	-17.59	29.17	3	Horizontal	12	1.78	-	32.94	5.10	30.80
PK	12.06408G	60.32	74.00	-13.68	45.45	3	Horizontal	292	1.88	-	39.11	8.13	32.37
AV	12.05784G	43.13	54.00	-10.87	28.24	3	Horizontal	292	1.88	-	39.13	8.13	32.37

802.11g_Nss1,(6Mbps)_1TX

2417MHz_TX

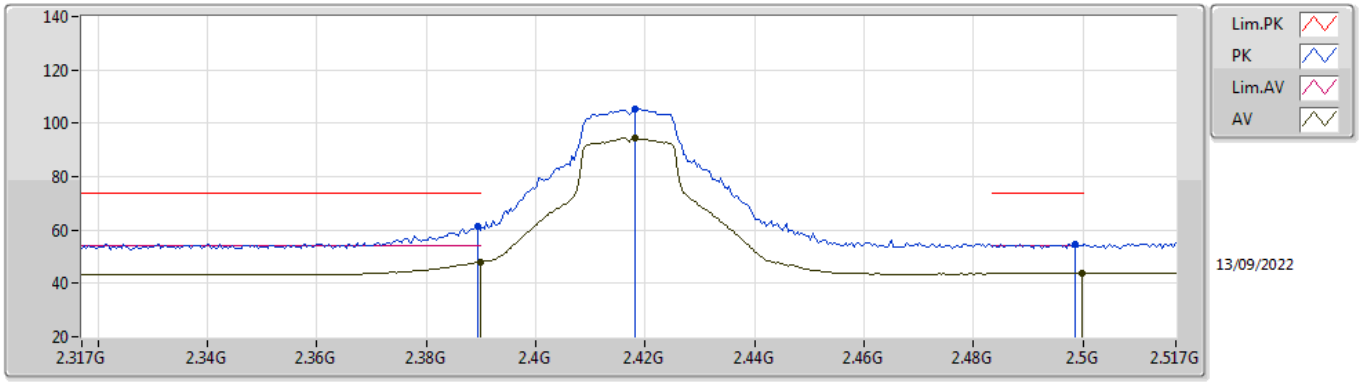


EUT Z_1TX
Setting 22
02-F-C-6

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	66.32	74.00	-7.68	35.15	3	Vertical	357	1.00	-	28.38	2.79	-
AV	2.3898G	52.87	54.00	-1.13	21.70	3	Vertical	357	1.00	-	28.38	2.79	-
PK	2.4178G	109.58	Inf	-Inf	78.36	3	Vertical	357	1.00	-	28.40	2.82	-
AV	2.4182G	98.45	Inf	-Inf	67.23	3	Vertical	357	1.00	-	28.40	2.82	-
PK	2.4938G	57.46	74.00	-16.54	25.99	3	Vertical	357	1.00	-	28.58	2.89	-
AV	2.4835G	44.66	54.00	-9.34	13.25	3	Vertical	357	1.00	-	28.53	2.88	-

802.11g_Nss1,(6Mbps)_1TX

2417MHz_TX

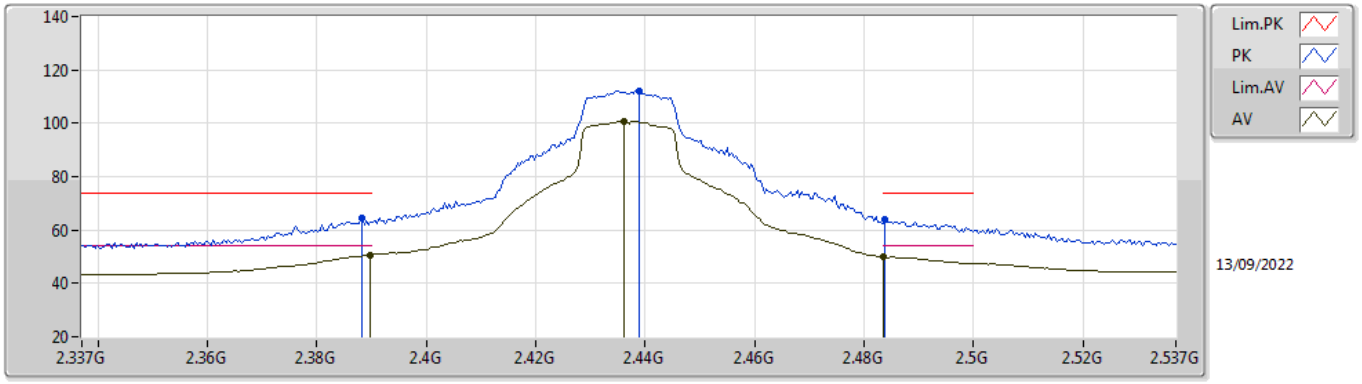


EUT Z_1TX
Setting 22
02-F-C-6

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	61.52	74.00	-12.48	30.35	3	Horizontal	32	3.00	-	28.38	2.79	-
AV	2.3898G	48.00	54.00	-6.00	16.83	3	Horizontal	32	3.00	-	28.38	2.79	-
PK	2.4182G	105.19	Inf	-Inf	73.97	3	Horizontal	32	3.00	-	28.40	2.82	-
AV	2.4182G	94.59	Inf	-Inf	63.37	3	Horizontal	32	3.00	-	28.40	2.82	-
PK	2.4986G	54.77	74.00	-19.23	23.28	3	Horizontal	32	3.00	-	28.59	2.90	-
AV	2.4998G	43.73	54.00	-10.27	12.23	3	Horizontal	32	3.00	-	28.60	2.90	-

802.11g_Nss1,(6Mbps)_1TX

2437MHz_TX

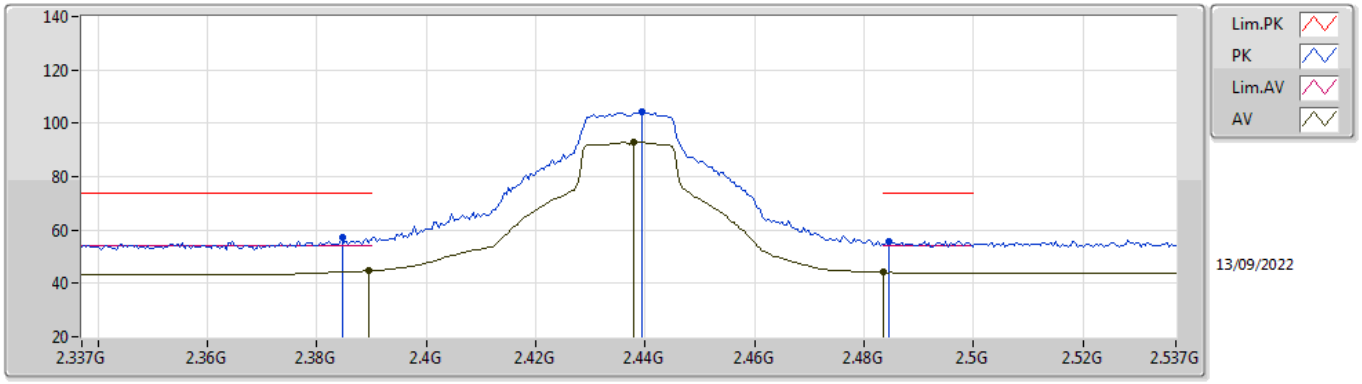


EUT Z_1TX
Setting 24.5
02-F-C-6

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	64.54	74.00	-9.46	33.37	3	Vertical	8	1.03	-	28.38	2.79	-
AV	2.3898G	50.72	54.00	-3.28	19.55	3	Vertical	8	1.03	-	28.38	2.79	-
PK	2.439G	112.15	Inf	-Inf	80.91	3	Vertical	8	1.03	-	28.40	2.84	-
AV	2.4362G	100.87	Inf	-Inf	69.63	3	Vertical	8	1.03	-	28.40	2.84	-
PK	2.4838G	63.78	74.00	-10.22	32.36	3	Vertical	8	1.03	-	28.54	2.88	-
AV	2.4835G	50.02	54.00	-3.98	18.61	3	Vertical	8	1.03	-	28.53	2.88	-

802.11g_Nss1,(6Mbps)_1TX

2437MHz_TX

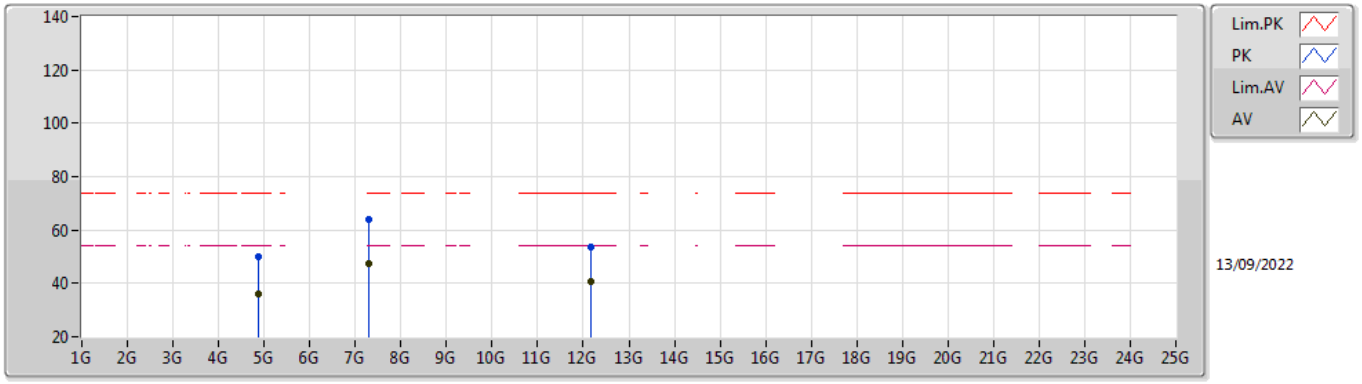


EUT Z_1TX
Setting 24.5
02-F-C-6

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	2.3846G	57.05	74.00	-16.95	25.89	3	Horizontal	86	2.74	-	28.37	2.79	-
AV	2.3894G	44.71	54.00	-9.29	13.54	3	Horizontal	86	2.74	-	28.38	2.79	-
PK	2.4394G	104.07	Inf	-Inf	72.83	3	Horizontal	86	2.74	-	28.40	2.84	-
AV	2.4378G	93.13	Inf	-Inf	61.89	3	Horizontal	86	2.74	-	28.40	2.84	-
PK	2.4846G	55.67	74.00	-18.33	24.25	3	Horizontal	86	2.74	-	28.54	2.88	-
AV	2.4835G	44.06	54.00	-9.94	12.65	3	Horizontal	86	2.74	-	28.53	2.88	-

802.11g_Nss1,(6Mbps)_1TX

2437MHz_TX

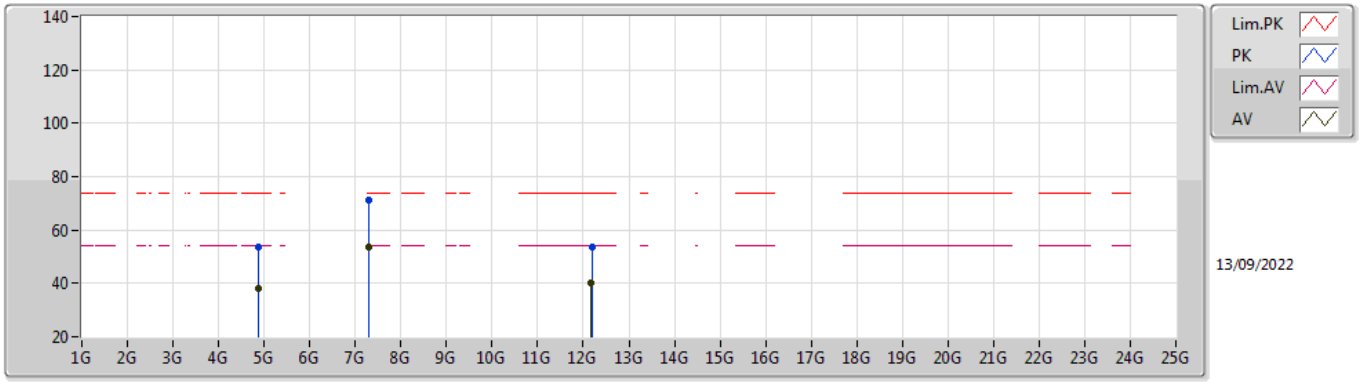


EUT Y_1TX
Setting 24.5
02-F-C-6

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	4.87208G	49.77	74.00	-24.23	42.31	3	Vertical	227	1.93	-	33.14	5.10	30.78
AV	4.87304G	35.83	54.00	-18.17	28.36	3	Vertical	227	1.93	-	33.15	5.10	30.78
PK	7.30734G	63.87	74.00	-10.13	53.23	3	Vertical	31	1.00	-	36.41	6.15	31.92
AV	7.30506G	47.41	54.00	-6.59	36.77	3	Vertical	31	1.00	-	36.41	6.15	31.92
PK	12.17594G	53.68	74.00	-20.32	38.87	3	Vertical	53	1.96	-	38.92	8.19	32.30
AV	12.17498G	40.63	54.00	-13.37	25.81	3	Vertical	53	1.96	-	38.93	8.19	32.30

802.11g_Nss1,(6Mbps)_1TX

2437MHz_TX

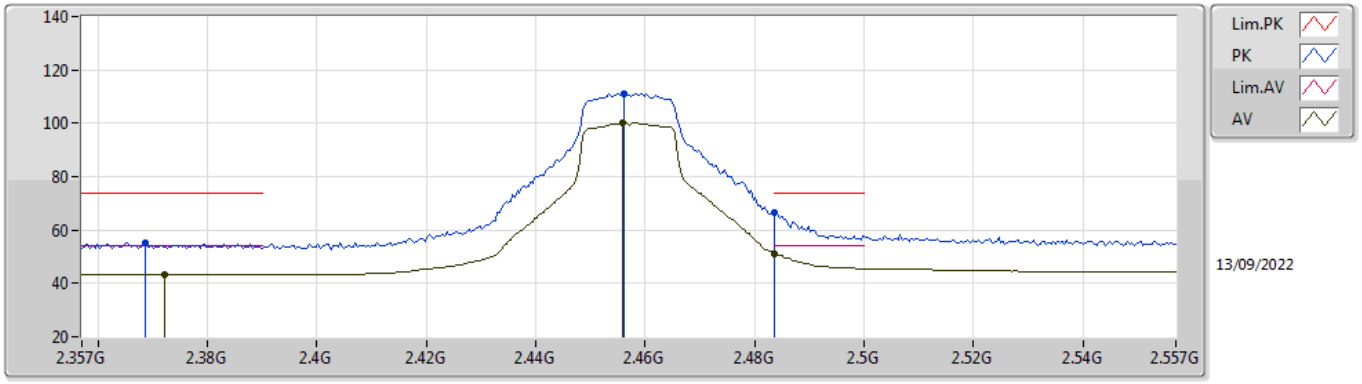


EUT Y_1TX
Setting 24.5
02-F-C-6

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	4.87424G	53.46	74.00	-20.54	45.99	3	Horizontal	52	2.19	-	33.15	5.10	30.78
AV	4.87274G	38.12	54.00	-15.88	30.65	3	Horizontal	52	2.19	-	33.15	5.10	30.78
PK	7.30746G	71.44	74.00	-2.56	60.80	3	Horizontal	324	1.85	-	36.41	6.15	31.92
AV	7.30536G	53.48	54.00	-0.52	42.84	3	Horizontal	324	1.85	-	36.41	6.15	31.92
PK	12.18776G	53.47	74.00	-20.53	38.66	3	Horizontal	135	1.27	-	38.91	8.19	32.29
AV	12.17276G	40.14	54.00	-13.86	25.32	3	Horizontal	135	1.27	-	38.93	8.19	32.30

802.11g_Nss1,(6Mbps)_1TX

2457MHz_TX

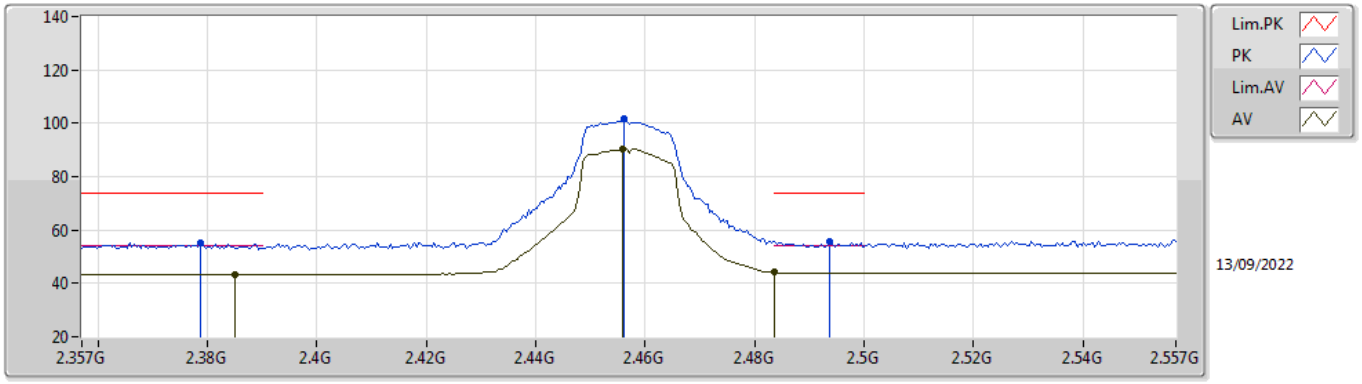


EUT Z_1TX
Setting 22
02-F-C-6

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	2.3686G	55.23	74.00	-18.77	24.11	3	Vertical	358	2.60	-	28.34	2.78	-
AV	2.3722G	43.38	54.00	-10.62	12.25	3	Vertical	358	2.60	-	28.34	2.79	-
PK	2.4562G	111.15	Inf	-Inf	79.87	3	Vertical	358	2.60	-	28.42	2.86	-
AV	2.4558G	100.26	Inf	-Inf	68.98	3	Vertical	358	2.60	-	28.42	2.86	-
PK	2.4835G	66.44	74.00	-7.56	35.03	3	Vertical	358	2.60	-	28.53	2.88	-
AV	2.4835G	51.29	54.00	-2.71	19.88	3	Vertical	358	2.60	-	28.53	2.88	-

802.11g_Nss1,(6Mbps)_1TX

2457MHz_TX

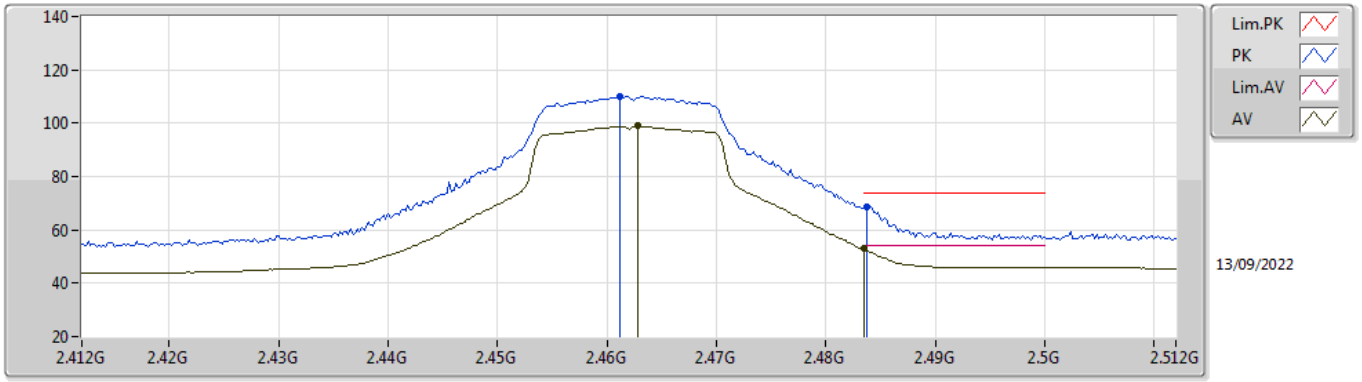


EUT Z_1TX
Setting 22
02-F-C-6

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	2.3786G	54.94	74.00	-19.06	23.79	3	Horizontal	271	2.92	-	28.36	2.79	-
AV	2.385G	43.34	54.00	-10.66	12.18	3	Horizontal	271	2.92	-	28.37	2.79	-
PK	2.4562G	101.50	Inf	-Inf	70.22	3	Horizontal	271	2.92	-	28.42	2.86	-
AV	2.4558G	90.44	Inf	-Inf	59.16	3	Horizontal	271	2.92	-	28.42	2.86	-
PK	2.4938G	55.75	74.00	-18.25	24.28	3	Horizontal	271	2.92	-	28.58	2.89	-
AV	2.4835G	44.18	54.00	-9.82	12.77	3	Horizontal	271	2.92	-	28.53	2.88	-

802.11g_Nss1,(6Mbps)_1TX

2462MHz_TX

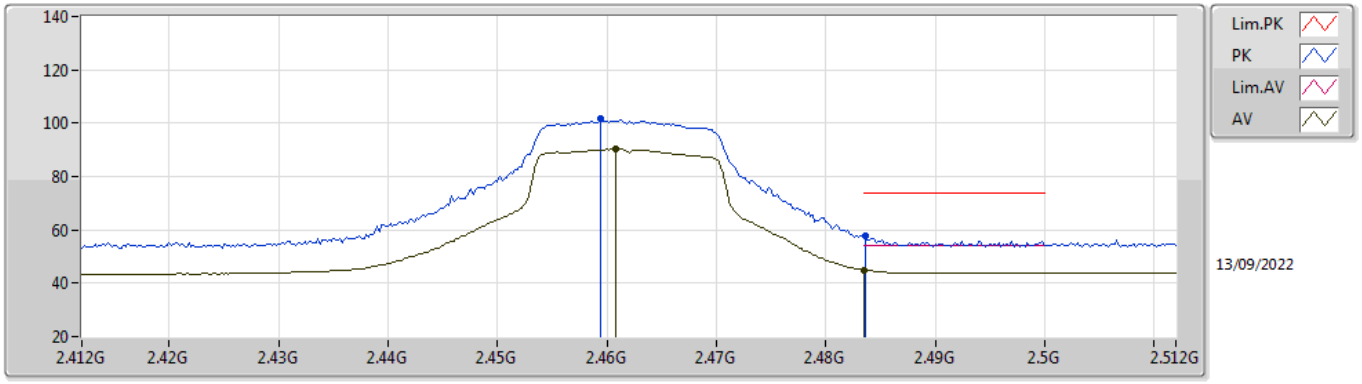


EUT Z_1TX
Setting 20
02-F-C-6

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	2.4612G	109.83	Inf	-Inf	78.53	3	Vertical	348	2.33	-	28.44	2.86	-
AV	2.4628G	98.93	Inf	-Inf	67.62	3	Vertical	348	2.33	-	28.45	2.86	-
PK	2.4838G	68.84	74.00	-5.16	37.42	3	Vertical	348	2.33	-	28.54	2.88	-
AV	2.4835G	52.86	54.00	-1.14	21.45	3	Vertical	348	2.33	-	28.53	2.88	-

802.11g_Nss1,(6Mbps)_1TX

2462MHz_TX

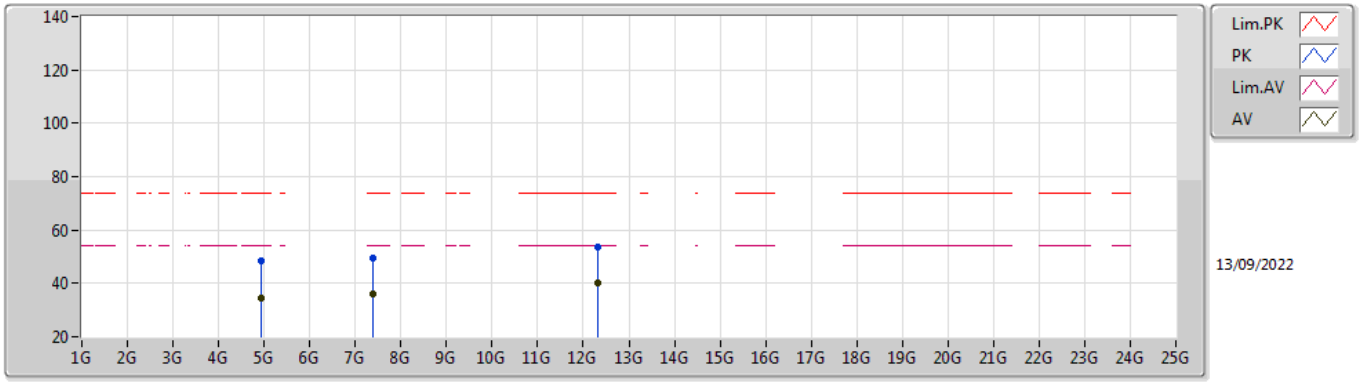


EUT Z_1TX
Setting 20
02-F-C-6

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	2.4594G	101.48	Inf	-Inf	70.18	3	Horizontal	105	2.70	-	28.44	2.86	-
AV	2.4608G	90.38	Inf	-Inf	59.08	3	Horizontal	105	2.70	-	28.44	2.86	-
PK	2.4836G	57.78	74.00	-16.22	26.37	3	Horizontal	105	2.70	-	28.53	2.88	-
AV	2.4835G	44.96	54.00	-9.04	13.55	3	Horizontal	105	2.70	-	28.53	2.88	-

802.11g_Nss1,(6Mbps)_1TX

2462MHz_TX

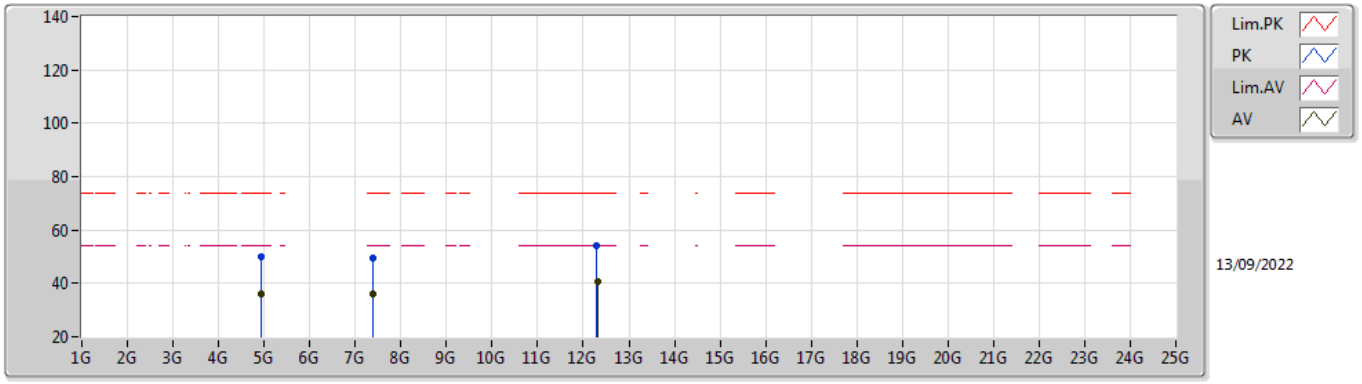


EUT Y_1TX
Setting 20
02-F-C-6

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	4.92082G	48.34	74.00	-25.66	40.76	3	Vertical	135	1.36	-	33.24	5.10	30.76
AV	4.92298G	34.47	54.00	-19.53	26.88	3	Vertical	135	1.36	-	33.25	5.10	30.76
PK	7.39386G	49.25	74.00	-24.75	38.52	3	Vertical	142	2.90	-	36.50	6.20	31.97
AV	7.38138G	36.21	54.00	-17.79	25.48	3	Vertical	142	2.90	-	36.50	6.19	31.96
PK	12.31558G	53.66	74.00	-20.34	38.83	3	Vertical	257	1.34	-	38.78	8.26	32.21
AV	12.31564G	40.40	54.00	-13.60	25.57	3	Vertical	257	1.34	-	38.78	8.26	32.21

802.11g_Nss1,(6Mbps)_1TX

2462MHz_TX

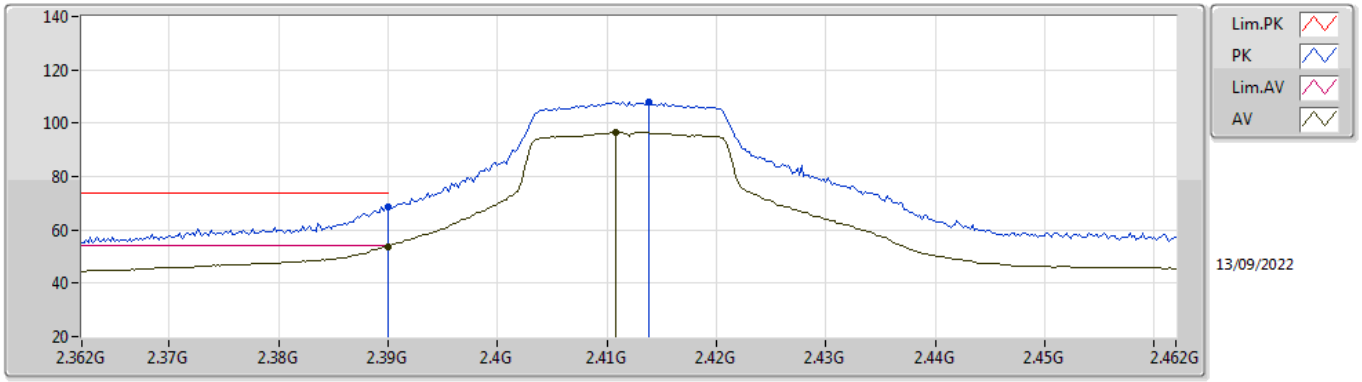


EUT Y_1TX
Setting 20
02-F-C-6

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	4.92448G	50.05	74.00	-23.95	42.46	3	Horizontal	48	1.80	-	33.25	5.10	30.76
AV	4.92334G	35.93	54.00	-18.07	28.34	3	Horizontal	48	1.80	-	33.25	5.10	30.76
PK	7.38372G	49.65	74.00	-24.35	38.92	3	Horizontal	306	2.47	-	36.50	6.19	31.96
AV	7.39632G	36.25	54.00	-17.75	25.52	3	Horizontal	306	2.47	-	36.50	6.20	31.97
PK	12.29536G	54.15	74.00	-19.85	39.32	3	Horizontal	118	1.84	-	38.80	8.25	32.22
AV	12.31792G	40.46	54.00	-13.54	25.63	3	Horizontal	118	1.84	-	38.78	8.26	32.21

VHT20_Nss1,(MCS0)_1TX

2412MHz_TX

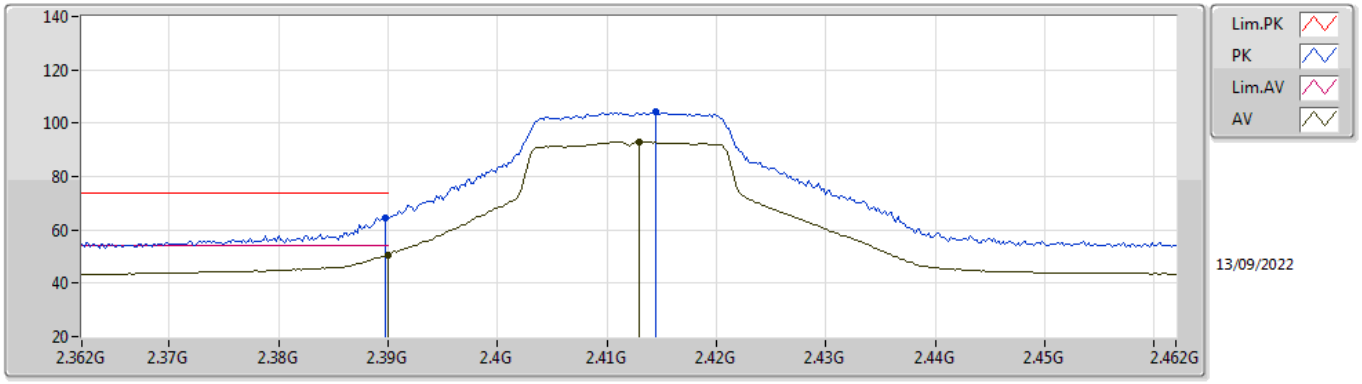


EUT Z_1TX
Setting 21
02-F-C-6

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	68.67	74.00	-5.33	37.50	3	Vertical	4	1.18	-	28.38	2.79	-
AV	2.39G	53.85	54.00	-0.15	22.68	3	Vertical	4	1.18	-	28.38	2.79	-
PK	2.4138G	107.89	Inf	-Inf	76.68	3	Vertical	4	1.18	-	28.40	2.81	-
AV	2.4108G	96.72	Inf	-Inf	65.51	3	Vertical	4	1.18	-	28.40	2.81	-

VHT20_Nss1,(MCS0)_1TX

2412MHz_TX

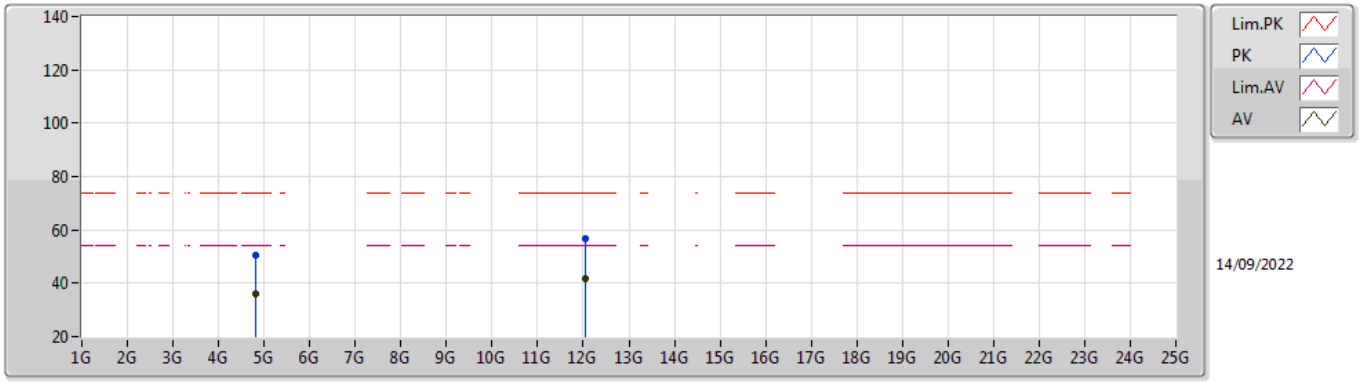


EUT Z_1TX
Setting 21
02-F-C-6

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	64.60	74.00	-9.40	33.43	3	Horizontal	33	3.00	-	28.38	2.79	-
AV	2.39G	50.75	54.00	-3.25	19.58	3	Horizontal	33	3.00	-	28.38	2.79	-
PK	2.4144G	104.07	Inf	-Inf	72.86	3	Horizontal	33	3.00	-	28.40	2.81	-
AV	2.413G	93.17	Inf	-Inf	61.96	3	Horizontal	33	3.00	-	28.40	2.81	-

VHT20_Nss1,(MCS0)_1TX

2412MHz_TX

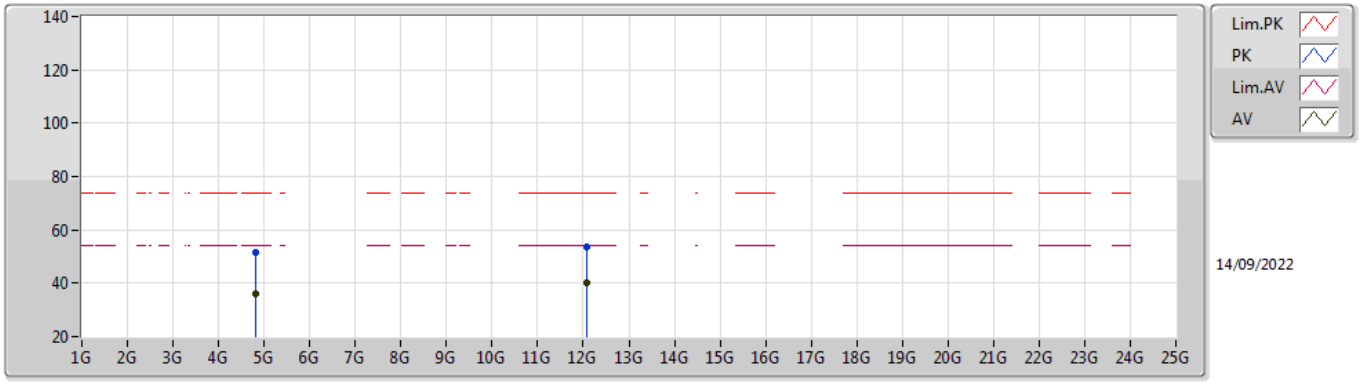


EUT Y_1TX
Setting 21
02-F-C-6

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	4.82064G	50.76	74.00	-23.24	43.55	3	Vertical	353	1.11	-	32.92	5.10	30.81
AV	4.8225G	36.22	54.00	-17.78	28.98	3	Vertical	353	1.11	-	32.94	5.10	30.80
PK	12.05124G	56.91	74.00	-17.09	42.01	3	Vertical	80	2.63	-	39.15	8.13	32.38
AV	12.05898G	41.51	54.00	-12.49	26.63	3	Vertical	80	2.63	-	39.12	8.13	32.37

VHT20_Nss1,(MCS0)_1TX

2412MHz_TX

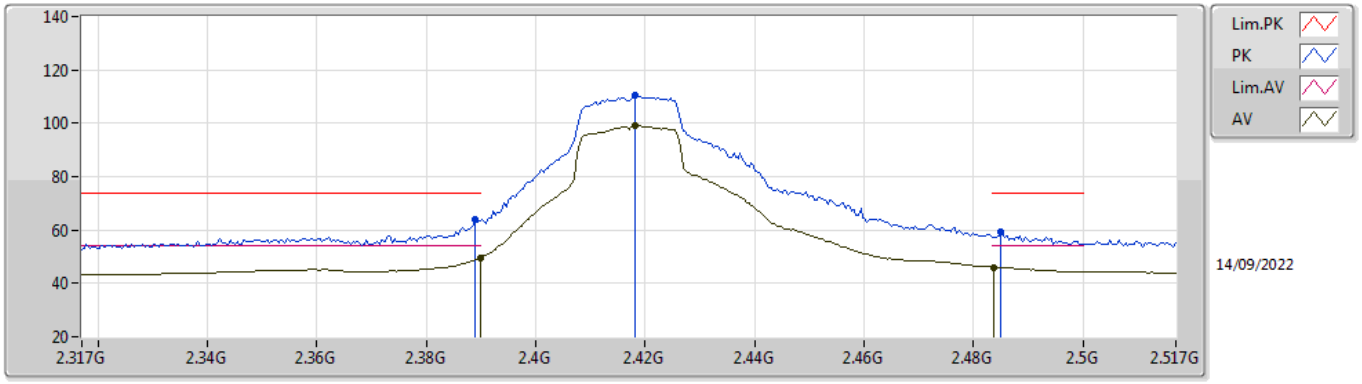


EUT Y_1TX
Setting 21
02-F-C-6

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	51.57	74.00	-22.43	44.33	3	Horizontal	18	2.33	-	32.94	5.10	30.80
AV	4.82256G	36.26	54.00	-17.74	29.02	3	Horizontal	18	2.33	-	32.94	5.10	30.80
PK	12.0729G	53.43	74.00	-20.57	38.57	3	Horizontal	284	2.66	-	39.08	8.14	32.36
AV	12.06222G	40.30	54.00	-13.70	25.43	3	Horizontal	284	2.66	-	39.11	8.13	32.37

VHT20_Nss1,(MCS0)_1TX

2417MHz_TX

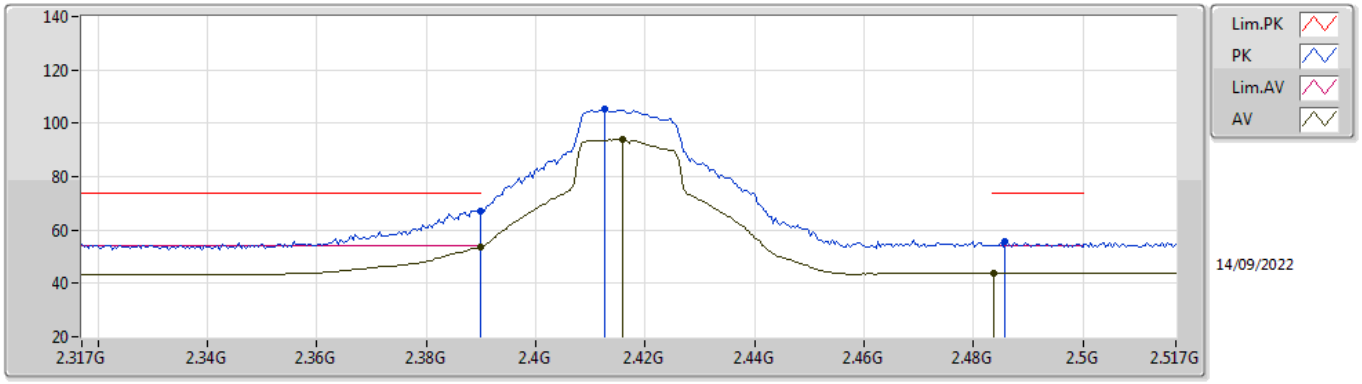


EUT Z_1TX
Setting 24
02-F-C-6

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	63.92	74.00	-10.08	32.75	3	Vertical	10	2.97	-	28.38	2.79	-
AV	2.3898G	49.62	54.00	-4.38	18.45	3	Vertical	10	2.97	-	28.38	2.79	-
PK	2.4182G	110.26	Inf	-Inf	79.04	3	Vertical	10	2.97	-	28.40	2.82	-
AV	2.4182G	99.00	Inf	-Inf	67.78	3	Vertical	10	2.97	-	28.40	2.82	-
PK	2.485G	59.12	74.00	-14.88	27.69	3	Vertical	10	2.97	-	28.54	2.89	-
AV	2.4838G	46.11	54.00	-7.89	14.69	3	Vertical	10	2.97	-	28.54	2.88	-

VHT20_Nss1,(MCS0)_1TX

2417MHz_TX

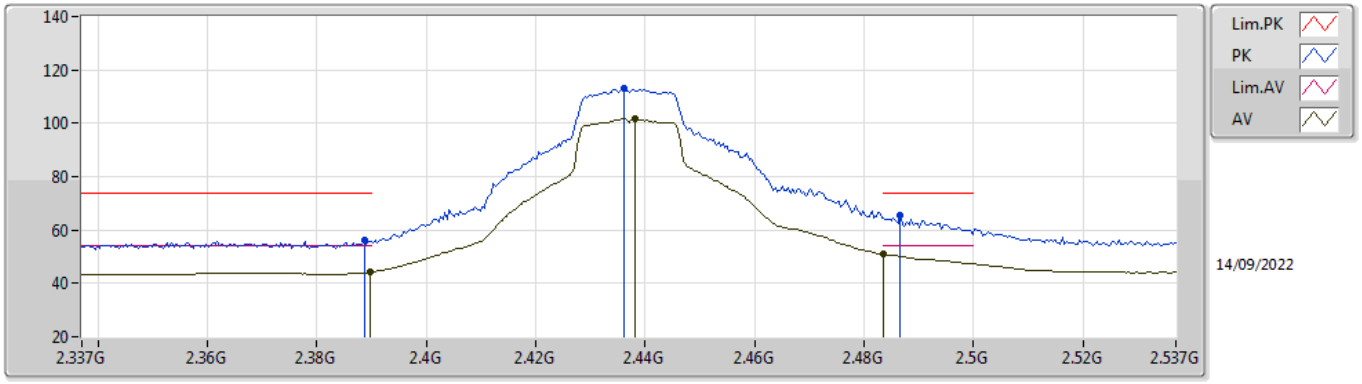


EUT Z_1TX
Setting 24
02-F-C-6

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	67.30	74.00	-6.70	36.13	3	Horizontal	87	2.08	-	28.38	2.79	-
AV	2.3898G	53.52	54.00	-0.48	22.35	3	Horizontal	87	2.08	-	28.38	2.79	-
PK	2.4126G	105.28	Inf	-Inf	74.07	3	Horizontal	87	2.08	-	28.40	2.81	-
AV	2.4158G	94.05	Inf	-Inf	62.83	3	Horizontal	87	2.08	-	28.40	2.82	-
PK	2.4858G	55.64	74.00	-18.36	24.21	3	Horizontal	87	2.08	-	28.54	2.89	-
AV	2.4838G	43.85	54.00	-10.15	12.43	3	Horizontal	87	2.08	-	28.54	2.88	-

VHT20_Nss1,(MCS0)_1TX

2437MHz_TX

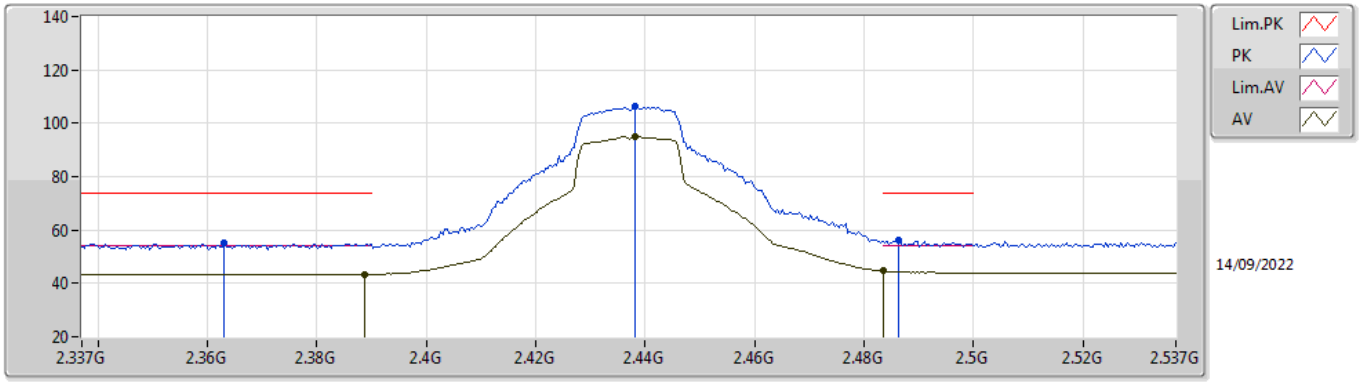


EUT Z_1TX
Setting 24.5
02-F-C-6

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	56.01	74.00	-17.99	24.84	3	Vertical	350	2.92	-	28.38	2.79	-
AV	2.3898G	44.24	54.00	-9.76	13.07	3	Vertical	350	2.92	-	28.38	2.79	-
PK	2.4362G	112.93	Inf	-Inf	81.69	3	Vertical	350	2.92	-	28.40	2.84	-
AV	2.4382G	101.65	Inf	-Inf	70.41	3	Vertical	350	2.92	-	28.40	2.84	-
PK	2.4866G	65.74	74.00	-8.26	34.30	3	Vertical	350	2.92	-	28.55	2.89	-
AV	2.4835G	50.96	54.00	-3.04	19.55	3	Vertical	350	2.92	-	28.53	2.88	-

VHT20_Nss1,(MCS0)_1TX

2437MHz_TX

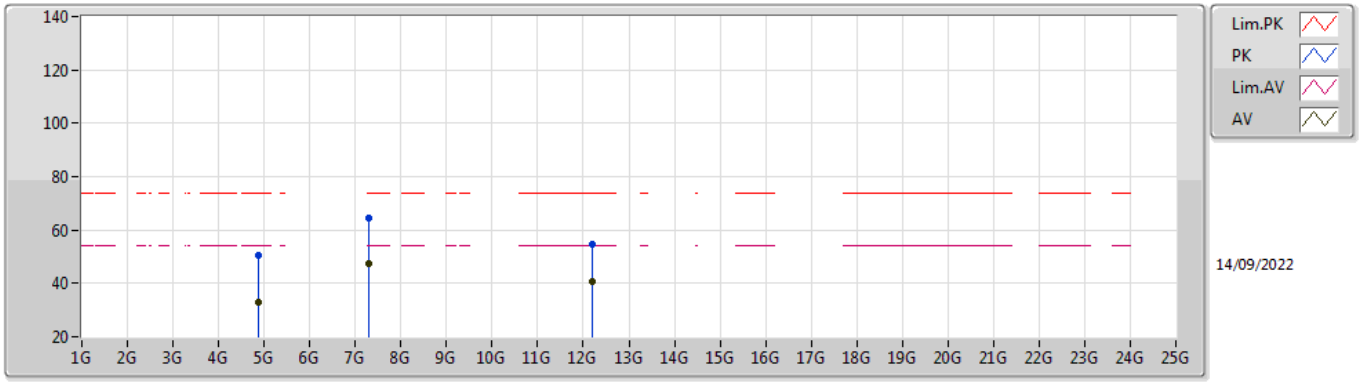


EUT Z_1TX
Setting 24.5
02-F-C-6

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	2.363G	54.93	74.00	-19.07	23.82	3	Horizontal	126	2.72	-	28.33	2.78	-
AV	2.3886G	43.50	54.00	-10.50	12.33	3	Horizontal	126	2.72	-	28.38	2.79	-
PK	2.4382G	106.23	Inf	-Inf	74.99	3	Horizontal	126	2.72	-	28.40	2.84	-
AV	2.4382G	95.07	Inf	-Inf	63.83	3	Horizontal	126	2.72	-	28.40	2.84	-
PK	2.4862G	56.23	74.00	-17.77	24.80	3	Horizontal	126	2.72	-	28.54	2.89	-
AV	2.4835G	44.62	54.00	-9.38	13.21	3	Horizontal	126	2.72	-	28.53	2.88	-

VHT20_Nss1,(MCS0)_1TX

2437MHz_TX

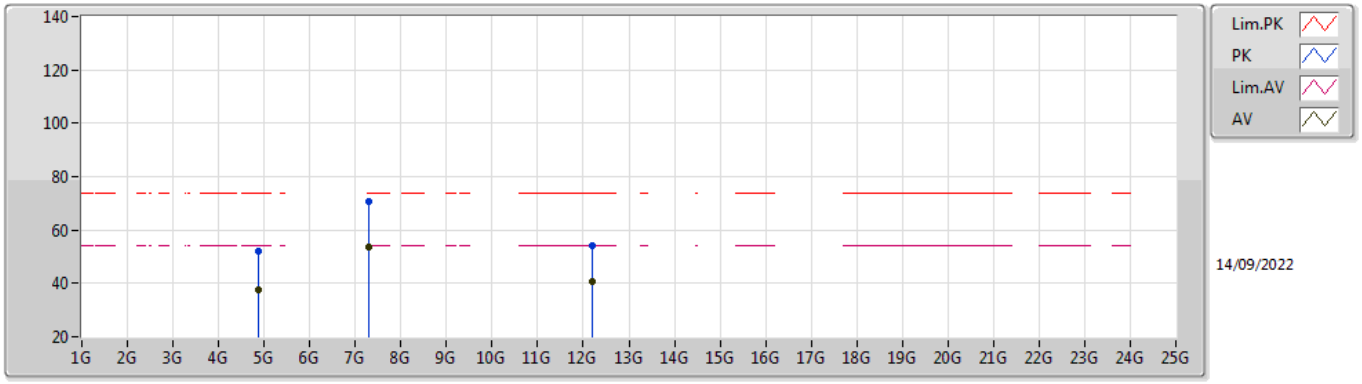


EUT Y_1TX
Setting 24.5
02-F-C-6

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	4.87142G	50.33	74.00	-23.67	42.87	3	Vertical	329	2.65	-	33.14	5.10	30.78
AV	4.87796G	33.00	54.00	-21.00	25.52	3	Vertical	329	2.65	-	33.16	5.10	30.78
PK	7.30566G	64.45	74.00	-9.55	53.81	3	Vertical	38	1.00	-	36.41	6.15	31.92
AV	7.30542G	47.65	54.00	-6.35	37.01	3	Vertical	38	1.00	-	36.41	6.15	31.92
PK	12.1835G	54.40	74.00	-19.60	39.58	3	Vertical	23	2.87	-	38.92	8.19	32.29
AV	12.18686G	40.65	54.00	-13.35	25.84	3	Vertical	23	2.87	-	38.91	8.19	32.29

VHT20_Nss1,(MCS0)_1TX

2437MHz_TX

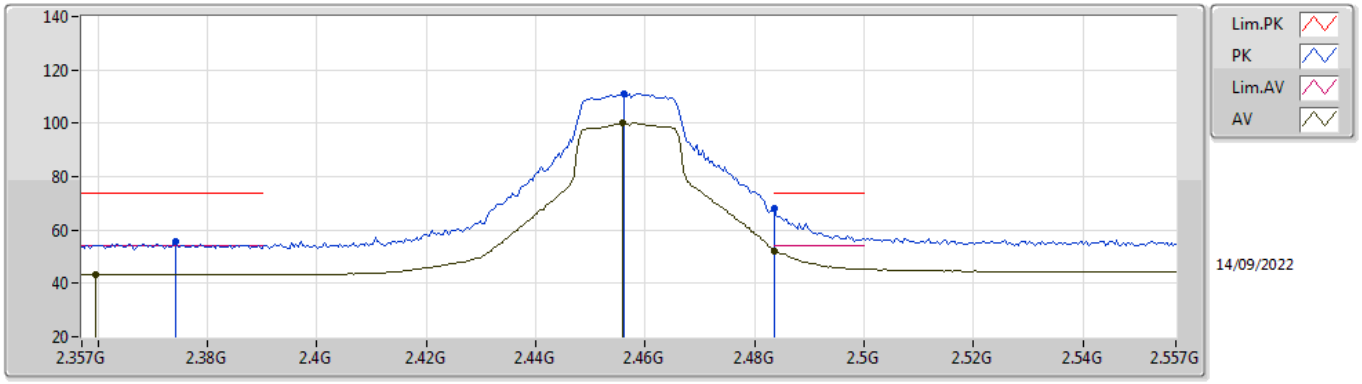


EUT Y_1TX
Setting 24.5
02-F-C-6

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	4.8716G	51.87	74.00	-22.13	44.41	3	Horizontal	5	2.76	-	33.14	5.10	30.78
AV	4.86992G	37.63	54.00	-16.37	30.17	3	Horizontal	5	2.76	-	33.14	5.10	30.78
PK	7.30122G	70.58	74.00	-3.42	59.94	3	Horizontal	326	1.84	-	36.40	6.15	31.91
AV	7.30518G	53.53	54.00	-0.47	42.89	3	Horizontal	326	1.84	-	36.41	6.15	31.92
PK	12.18296G	54.34	74.00	-19.66	39.52	3	Horizontal	246	2.56	-	38.92	8.19	32.29
AV	12.19232G	40.66	54.00	-13.34	25.84	3	Horizontal	246	2.56	-	38.91	8.20	32.29

VHT20_Nss1,(MCS0)_1TX

2457MHz_TX

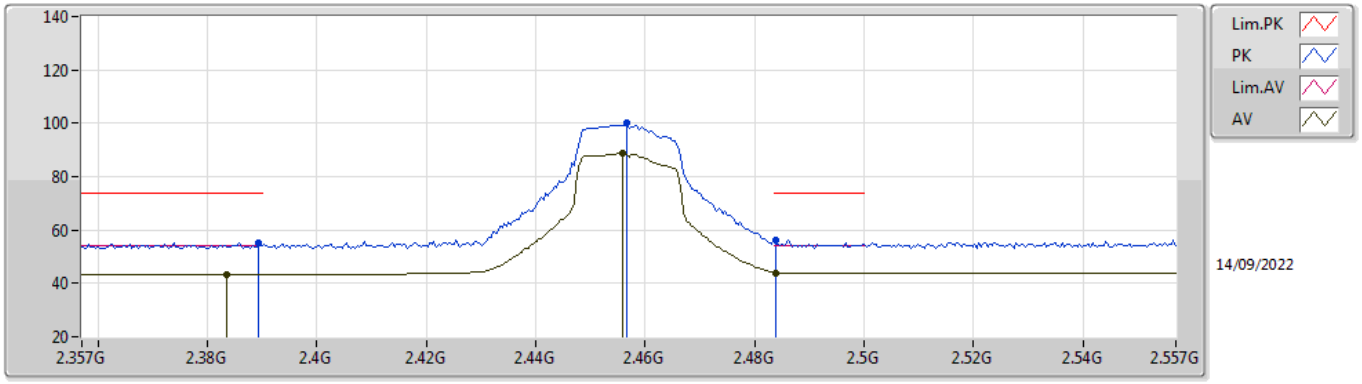


EUT Z_1TX
Setting 22
02-F-C-6

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	2.3742G	55.58	74.00	-18.42	24.44	3	Vertical	357	2.88	-	28.35	2.79	-
AV	2.3594G	43.34	54.00	-10.66	12.24	3	Vertical	357	2.88	-	28.32	2.78	-
PK	2.4562G	111.05	Inf	-Inf	79.77	3	Vertical	357	2.88	-	28.42	2.86	-
AV	2.4558G	100.16	Inf	-Inf	68.88	3	Vertical	357	2.88	-	28.42	2.86	-
PK	2.4835G	68.33	74.00	-5.67	36.92	3	Vertical	357	2.88	-	28.53	2.88	-
AV	2.4835G	52.17	54.00	-1.83	20.76	3	Vertical	357	2.88	-	28.53	2.88	-

VHT20_Nss1,(MCS0)_1TX

2457MHz_TX

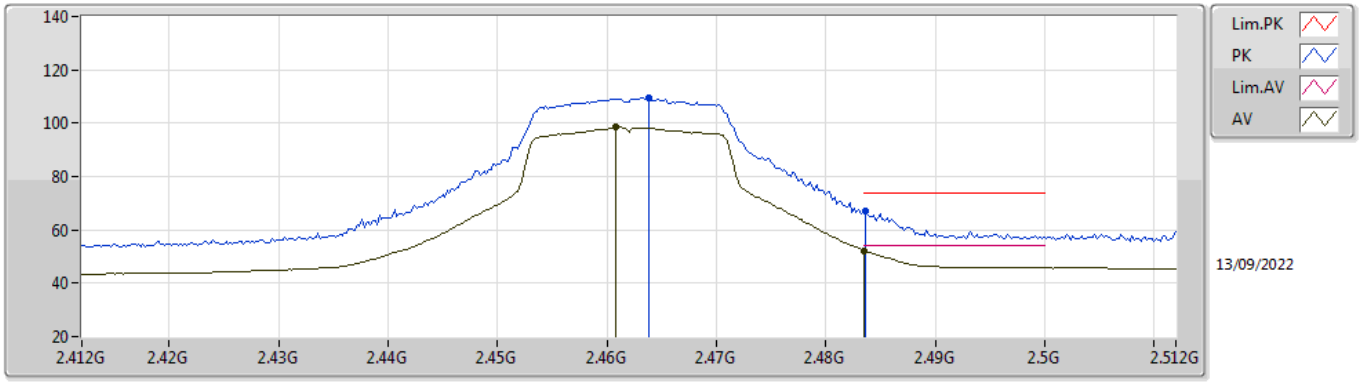


EUT Z_1TX
Setting 22
02-F-C-6

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	55.32	74.00	-18.68	24.15	3	Horizontal	274	1.80	-	28.38	2.79	-
AV	2.3834G	43.31	54.00	-10.69	12.15	3	Horizontal	274	1.80	-	28.37	2.79	-
PK	2.4566G	100.02	Inf	-Inf	68.73	3	Horizontal	274	1.80	-	28.43	2.86	-
AV	2.4558G	88.82	Inf	-Inf	57.54	3	Horizontal	274	1.80	-	28.42	2.86	-
PK	2.4838G	56.22	74.00	-17.78	24.80	3	Horizontal	274	1.80	-	28.54	2.88	-
AV	2.4838G	44.05	54.00	-9.95	12.63	3	Horizontal	274	1.80	-	28.54	2.88	-

VHT20_Nss1,(MCS0)_1TX

2462MHz_TX

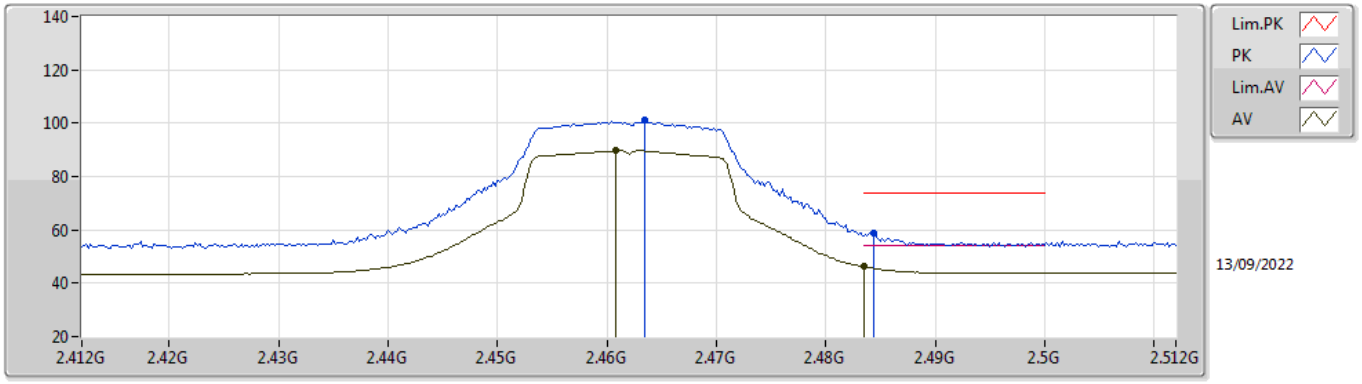


EUT Z_1TX
Setting 19.5
02-F-C-6

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	2.4638G	109.41	Inf	-Inf	78.09	3	Vertical	347	2.33	-	28.46	2.86	-
AV	2.4608G	98.38	Inf	-Inf	67.08	3	Vertical	347	2.33	-	28.44	2.86	-
PK	2.4836G	67.30	74.00	-6.70	35.89	3	Vertical	347	2.33	-	28.53	2.88	-
AV	2.4835G	52.25	54.00	-1.75	20.84	3	Vertical	347	2.33	-	28.53	2.88	-

VHT20_Nss1,(MCS0)_1TX

2462MHz_TX

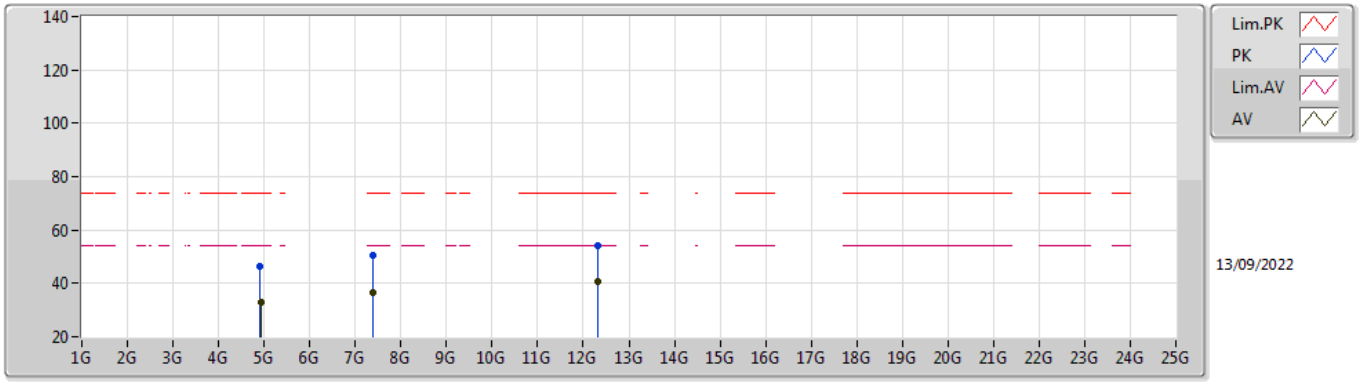


EUT Z_1TX
Setting 19.5
02-F-C-6

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	2.4634G	101.21	Inf	-Inf	69.90	3	Horizontal	107	2.66	-	28.45	2.86	-
AV	2.4608G	89.88	Inf	-Inf	58.58	3	Horizontal	107	2.66	-	28.44	2.86	-
PK	2.4844G	58.81	74.00	-15.19	27.39	3	Horizontal	107	2.66	-	28.54	2.88	-
AV	2.4835G	46.20	54.00	-7.80	14.79	3	Horizontal	107	2.66	-	28.53	2.88	-

VHT20_Nss1,(MCS0)_1TX

2462MHz_TX

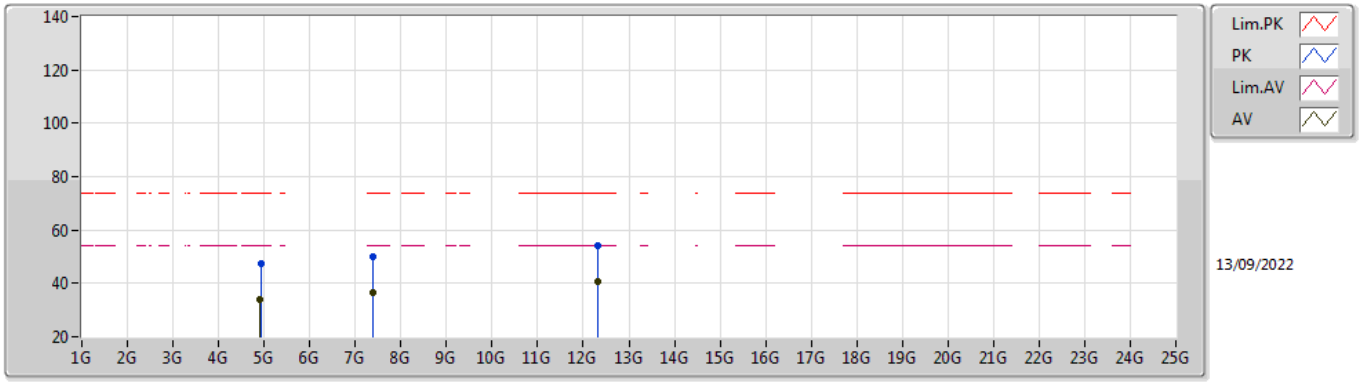


EUT Y_1TX
Setting 19.5
02-F-C-6

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	4.91548G	46.56	74.00	-27.44	39.00	3	Vertical	119	1.71	-	33.23	5.10	30.77
AV	4.92292G	33.05	54.00	-20.95	25.46	3	Vertical	119	1.71	-	33.25	5.10	30.76
PK	7.38084G	50.27	74.00	-23.73	39.54	3	Vertical	34	1.53	-	36.50	6.19	31.96
AV	7.3917G	36.39	54.00	-17.61	25.66	3	Vertical	34	1.53	-	36.50	6.20	31.97
PK	12.30862G	54.10	74.00	-19.90	39.27	3	Vertical	111	1.68	-	38.79	8.25	32.21
AV	12.31462G	40.94	54.00	-13.06	26.10	3	Vertical	111	1.68	-	38.79	8.26	32.21

VHT20_Nss1,(MCS0)_1TX

2462MHz_TX

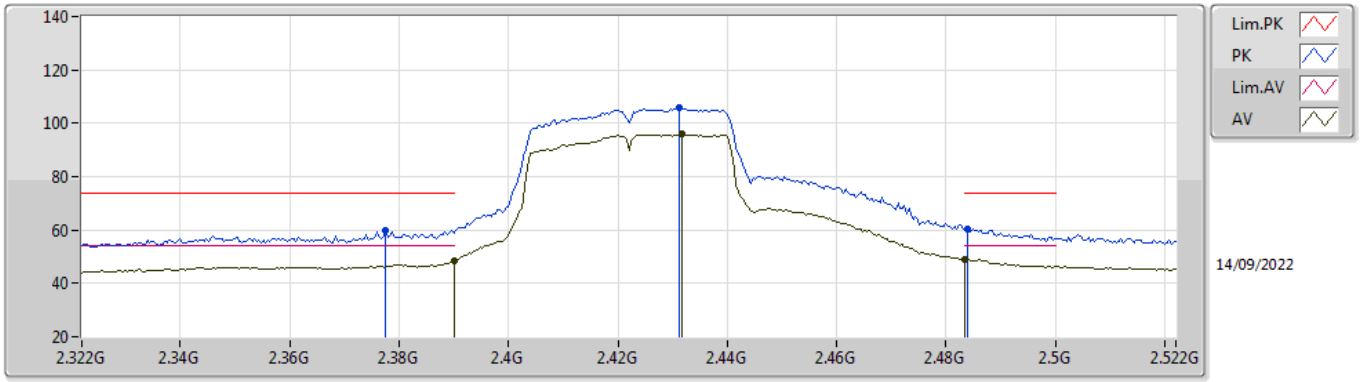


EUT Y_1TX
Setting 19.5
02-F-C-6

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	4.93462G	47.55	74.00	-26.45	39.94	3	Horizontal	94	2.74	-	33.27	5.10	30.76
AV	4.91842G	33.95	54.00	-20.05	26.37	3	Horizontal	94	2.74	-	33.24	5.10	30.76
PK	7.39224G	49.95	74.00	-24.05	39.22	3	Horizontal	354	1.92	-	36.50	6.20	31.97
AV	7.39662G	36.34	54.00	-17.66	25.61	3	Horizontal	354	1.92	-	36.50	6.20	31.97
PK	12.31906G	54.37	74.00	-19.63	39.54	3	Horizontal	359	1.17	-	38.78	8.26	32.21
AV	12.31618G	40.84	54.00	-13.16	26.01	3	Horizontal	359	1.17	-	38.78	8.26	32.21

VHT40_Nss1,(MCS0)_1TX

2422MHz_TX

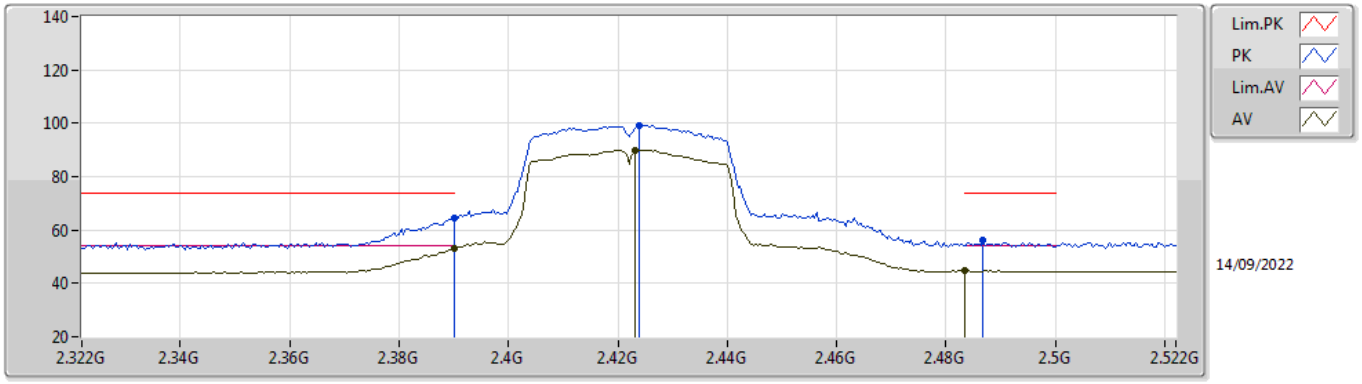


EUT Z_1TX
Setting 20.5
02-F-C-6

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	2.3776G	59.66	74.00	-14.34	28.51	3	Vertical	8	2.94	-	28.36	2.79	-
AV	2.39G	48.39	54.00	-5.61	17.22	3	Vertical	8	2.94	-	28.38	2.79	-
PK	2.4312G	105.81	Inf	-Inf	74.58	3	Vertical	8	2.94	-	28.40	2.83	-
AV	2.4316G	95.84	Inf	-Inf	64.61	3	Vertical	8	2.94	-	28.40	2.83	-
PK	2.484G	60.45	74.00	-13.55	29.03	3	Vertical	8	2.94	-	28.54	2.88	-
AV	2.4835G	49.01	54.00	-4.99	17.60	3	Vertical	8	2.94	-	28.53	2.88	-

VHT40_Nss1,(MCS0)_1TX

2422MHz_TX

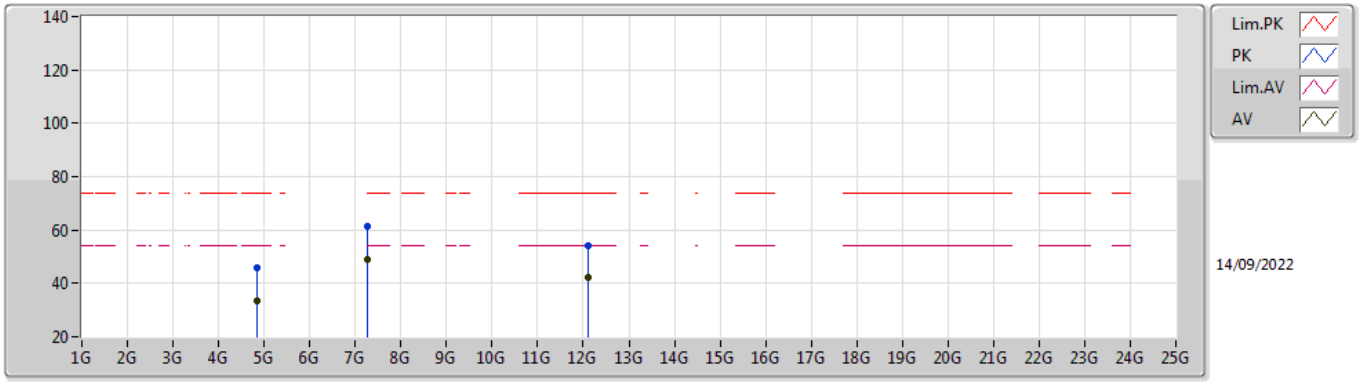


EUT Z_1TX
Setting 20.5
02-F-C-6

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	64.56	74.00	-9.44	33.39	3	Horizontal	88	1.80	-	28.38	2.79	-
AV	2.39G	52.98	54.00	-1.02	21.81	3	Horizontal	88	1.80	-	28.38	2.79	-
PK	2.424G	99.10	Inf	-Inf	67.88	3	Horizontal	88	1.80	-	28.40	2.82	-
AV	2.4232G	89.94	Inf	-Inf	58.72	3	Horizontal	88	1.80	-	28.40	2.82	-
PK	2.4868G	56.12	74.00	-17.88	24.68	3	Horizontal	88	1.80	-	28.55	2.89	-
AV	2.4835G	44.81	54.00	-9.19	13.40	3	Horizontal	88	1.80	-	28.53	2.88	-

VHT40_Nss1,(MCS0)_1TX

2422MHz_TX

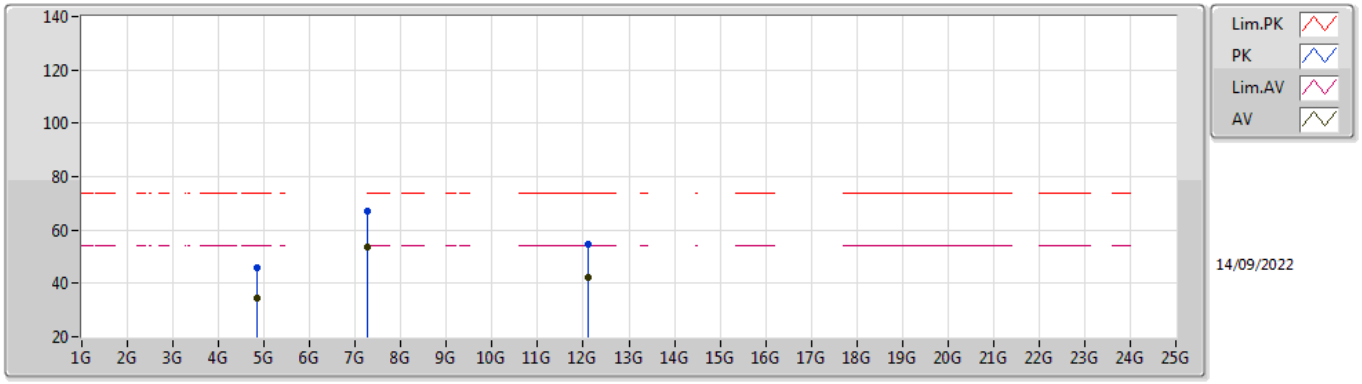


EUT Y_1TX
Setting 20.5
02-F-C-6

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	4.85462G	45.87	74.00	-28.13	38.45	3	Vertical	302	1.58	-	33.11	5.10	30.79
AV	4.85348G	33.61	54.00	-20.39	26.19	3	Vertical	302	1.58	-	33.11	5.10	30.79
PK	7.25694G	61.51	74.00	-12.49	51.04	3	Vertical	37	1.88	-	36.23	6.13	31.89
AV	7.25286G	48.77	54.00	-5.23	38.32	3	Vertical	37	1.88	-	36.21	6.13	31.89
PK	12.10346G	54.23	74.00	-19.77	39.42	3	Vertical	233	1.27	-	39.00	8.15	32.34
AV	12.09716G	42.14	54.00	-11.86	27.33	3	Vertical	233	1.27	-	39.01	8.15	32.35

VHT40_Nss1,(MCS0)_1TX

2422MHz_TX

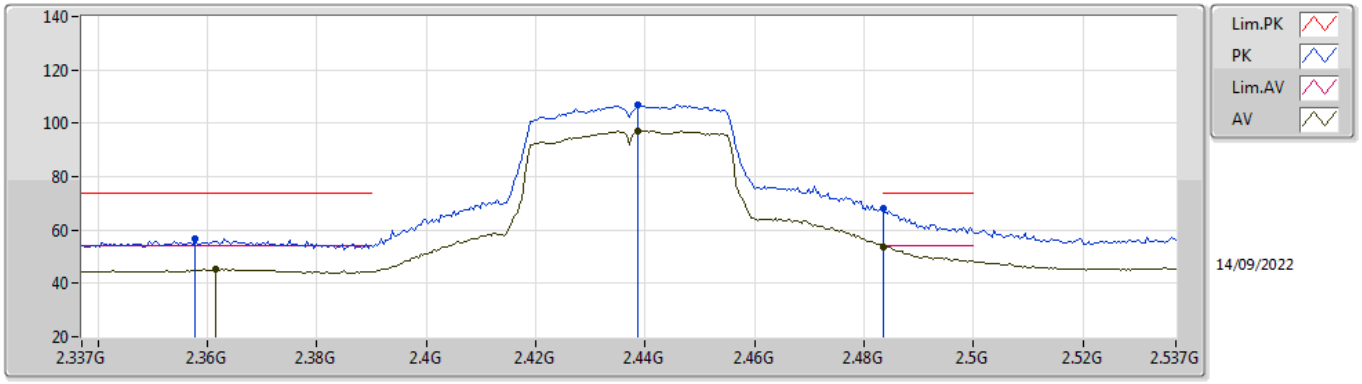


EUT Y_1TX
Setting 20.5
02-F-C-6

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	4.83398G	45.95	74.00	-28.05	38.65	3	Horizontal	116	1.37	-	33.00	5.10	30.80
AV	4.85528G	34.70	54.00	-19.30	27.28	3	Horizontal	116	1.37	-	33.11	5.10	30.79
PK	7.26448G	67.32	74.00	-6.68	56.82	3	Horizontal	332	1.80	-	36.26	6.13	31.89
AV	7.25768G	53.53	54.00	-0.47	43.06	3	Horizontal	332	1.80	-	36.23	6.13	31.89
PK	12.09812G	54.79	74.00	-19.21	39.98	3	Horizontal	25	1.52	-	39.01	8.15	32.35
AV	12.11612G	42.22	54.00	-11.78	27.42	3	Horizontal	25	1.52	-	38.98	8.16	32.34

VHT40_Nss1,(MCS0)_1TX

2437MHz_TX

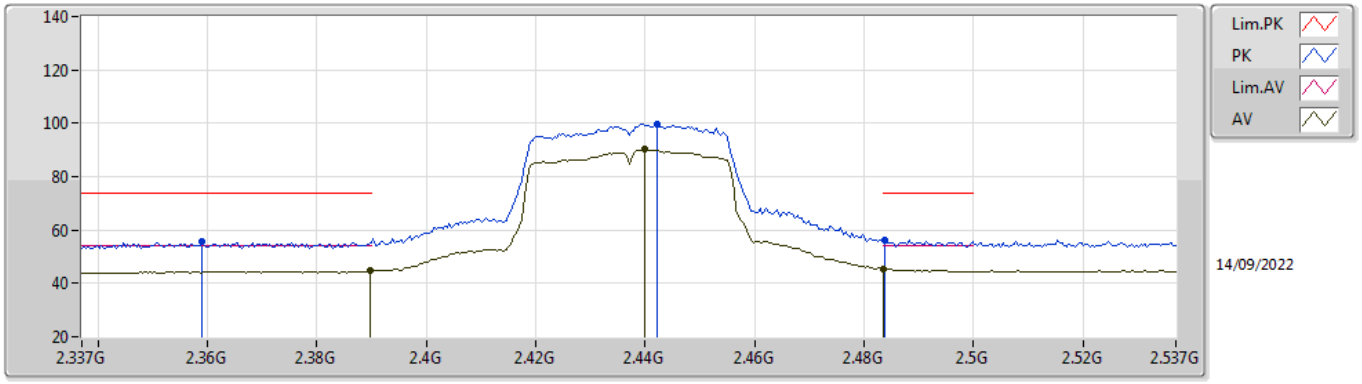


EUT Z_1TX
Setting 20
02-F-C-6

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	2.3578G	56.60	74.00	-17.40	25.50	3	Vertical	360	2.92	-	28.32	2.78	-
AV	2.3614G	45.24	54.00	-8.76	14.14	3	Vertical	360	2.92	-	28.32	2.78	-
PK	2.4386G	106.94	Inf	-Inf	75.70	3	Vertical	360	2.92	-	28.40	2.84	-
AV	2.4386G	97.01	Inf	-Inf	65.77	3	Vertical	360	2.92	-	28.40	2.84	-
PK	2.4835G	68.07	74.00	-5.93	36.66	3	Vertical	360	2.92	-	28.53	2.88	-
AV	2.4835G	53.84	54.00	-0.16	22.43	3	Vertical	360	2.92	-	28.53	2.88	-

VHT40_Nss1,(MCS0)_1TX

2437MHz_TX

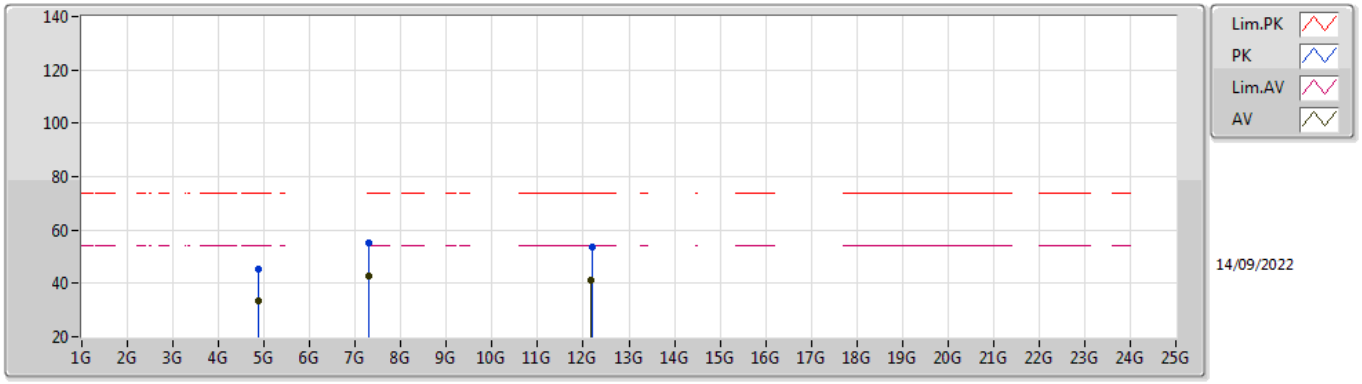


EUT Z_1TX
Setting 20
02-F-C-6

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	2.359G	55.47	74.00	-18.53	24.37	3	Horizontal	87	2.70	-	28.32	2.78	-
AV	2.3898G	44.71	54.00	-9.29	13.54	3	Horizontal	87	2.70	-	28.38	2.79	-
PK	2.4422G	99.58	Inf	-Inf	68.34	3	Horizontal	87	2.70	-	28.40	2.84	-
AV	2.4398G	90.29	Inf	-Inf	59.05	3	Horizontal	87	2.70	-	28.40	2.84	-
PK	2.4838G	56.21	74.00	-17.79	24.79	3	Horizontal	87	2.70	-	28.54	2.88	-
AV	2.4835G	45.21	54.00	-8.79	13.80	3	Horizontal	87	2.70	-	28.53	2.88	-

VHT40_Nss1,(MCS0)_1TX

2437MHz_TX

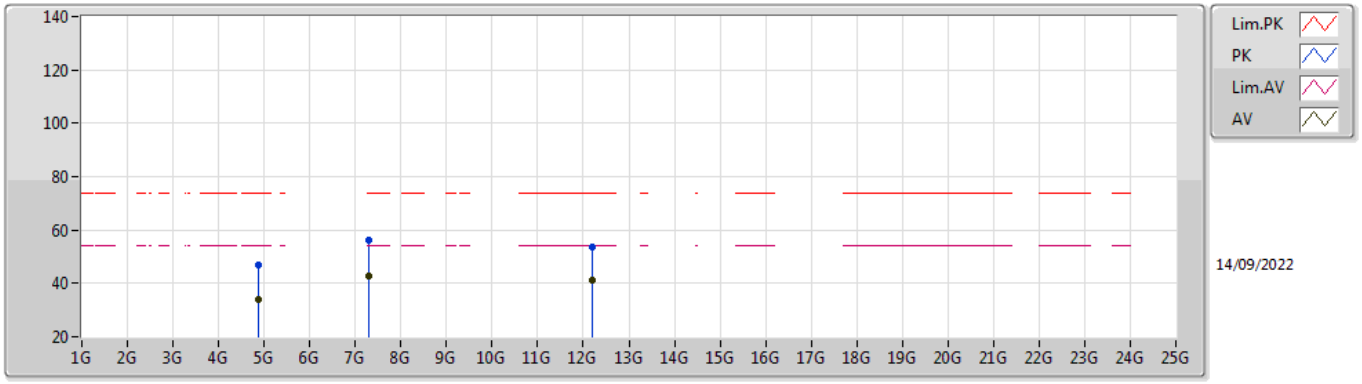


EUT Y_1TX
Setting 20
02-F-C-6

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	4.87406G	45.56	74.00	-28.44	38.09	3	Vertical	274	1.41	-	33.15	5.10	30.78
AV	4.8635G	33.39	54.00	-20.61	25.95	3	Vertical	274	1.41	-	33.13	5.10	30.79
PK	7.29654G	55.02	74.00	-18.98	44.39	3	Vertical	112	1.61	-	36.39	6.15	31.91
AV	7.2975G	42.56	54.00	-11.44	31.93	3	Vertical	112	1.61	-	36.39	6.15	31.91
PK	12.19388G	53.40	74.00	-20.60	38.58	3	Vertical	205	2.35	-	38.91	8.20	32.29
AV	12.17162G	41.31	54.00	-12.69	26.49	3	Vertical	205	2.35	-	38.93	8.19	32.30

VHT40_Nss1,(MCS0)_1TX

2437MHz_TX

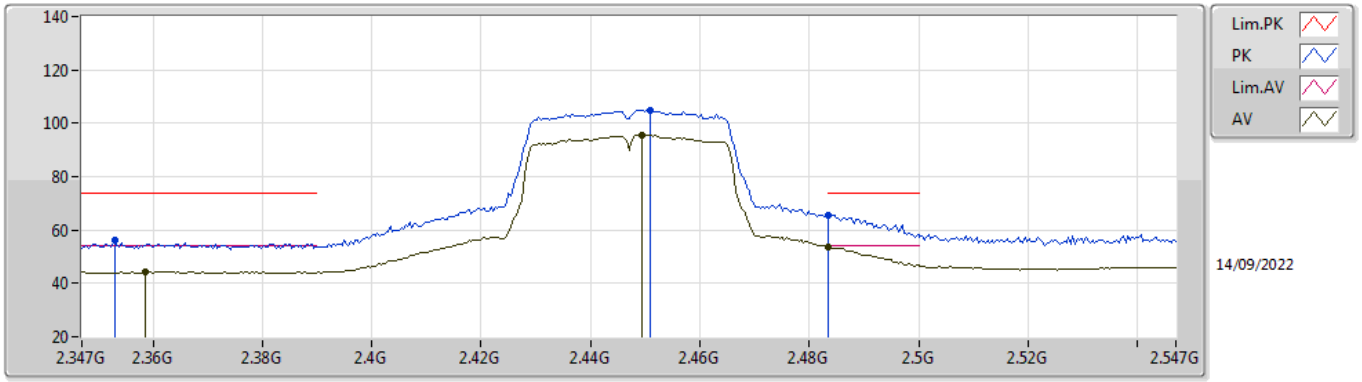


EUT Y_1TX
Setting 20
02-F-C-6

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	4.87778G	46.69	74.00	-27.31	39.21	3	Horizontal	359	2.09	-	33.16	5.10	30.78
AV	4.86302G	33.73	54.00	-20.27	26.29	3	Horizontal	359	2.09	-	33.13	5.10	30.79
PK	7.30272G	56.00	74.00	-18.00	45.36	3	Horizontal	335	2.04	-	36.41	6.15	31.92
AV	7.30632G	42.94	54.00	-11.06	32.30	3	Horizontal	335	2.04	-	36.41	6.15	31.92
PK	12.1856G	53.80	74.00	-20.20	38.99	3	Horizontal	168	2.48	-	38.91	8.19	32.29
AV	12.1916G	41.25	54.00	-12.75	26.43	3	Horizontal	168	2.48	-	38.91	8.20	32.29

VHT40_Nss1,(MCS0)_1TX

2447MHz_TX

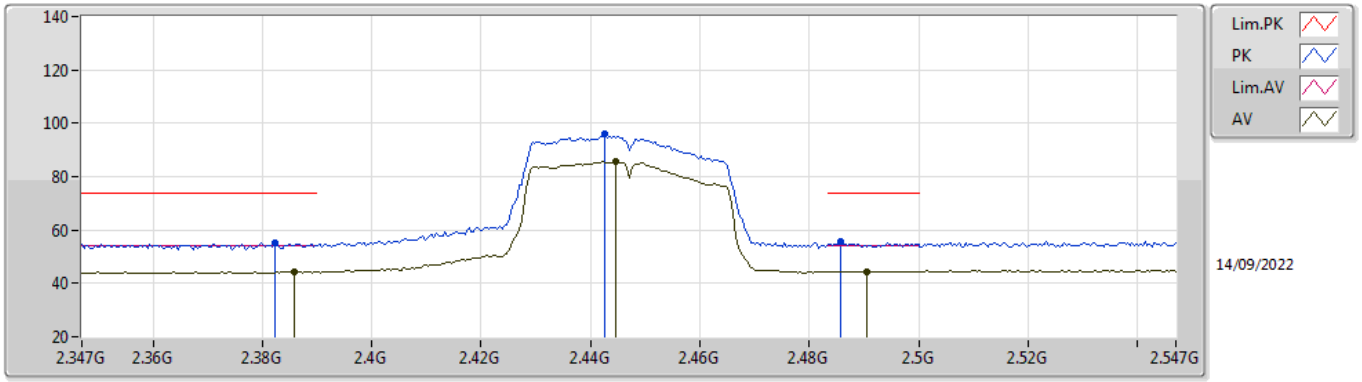


EUT Z_1TX
Setting 18
02-F-C-6

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	2.353G	55.95	74.00	-18.05	24.86	3	Vertical	360	2.93	-	28.31	2.78	-
AV	2.3586G	44.39	54.00	-9.61	13.29	3	Vertical	360	2.93	-	28.32	2.78	-
PK	2.451G	104.89	Inf	-Inf	73.64	3	Vertical	360	2.93	-	28.40	2.85	-
AV	2.4494G	95.66	Inf	-Inf	64.41	3	Vertical	360	2.93	-	28.40	2.85	-
PK	2.4835G	65.77	74.00	-8.23	34.36	3	Vertical	360	2.93	-	28.53	2.88	-
AV	2.4835G	53.72	54.00	-0.28	22.31	3	Vertical	360	2.93	-	28.53	2.88	-

VHT40_Nss1,(MCS0)_1TX

2447MHz_TX

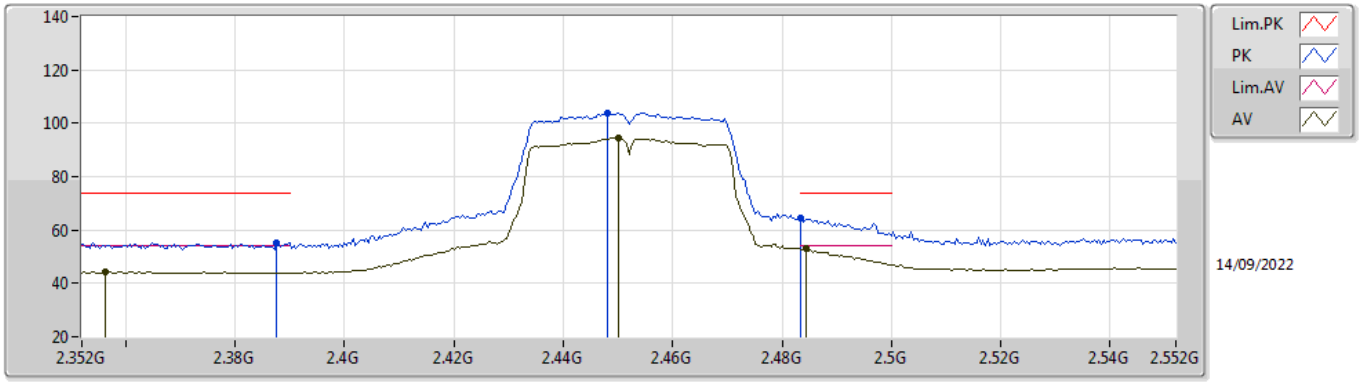


EUT Z_1TX
Setting 18
02-F-C-6

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	2.3822G	55.01	74.00	-18.99	23.86	3	Horizontal	273	1.86	-	28.36	2.79	-
AV	2.3858G	44.44	54.00	-9.56	13.28	3	Horizontal	273	1.86	-	28.37	2.79	-
PK	2.4426G	96.11	Inf	-Inf	64.87	3	Horizontal	273	1.86	-	28.40	2.84	-
AV	2.4446G	85.81	Inf	-Inf	54.57	3	Horizontal	273	1.86	-	28.40	2.84	-
PK	2.4858G	55.55	74.00	-18.45	24.12	3	Horizontal	273	1.86	-	28.54	2.89	-
AV	2.4906G	44.54	54.00	-9.46	13.09	3	Horizontal	273	1.86	-	28.56	2.89	-

VHT40_Nss1,(MCS0)_1TX

2452MHz_TX

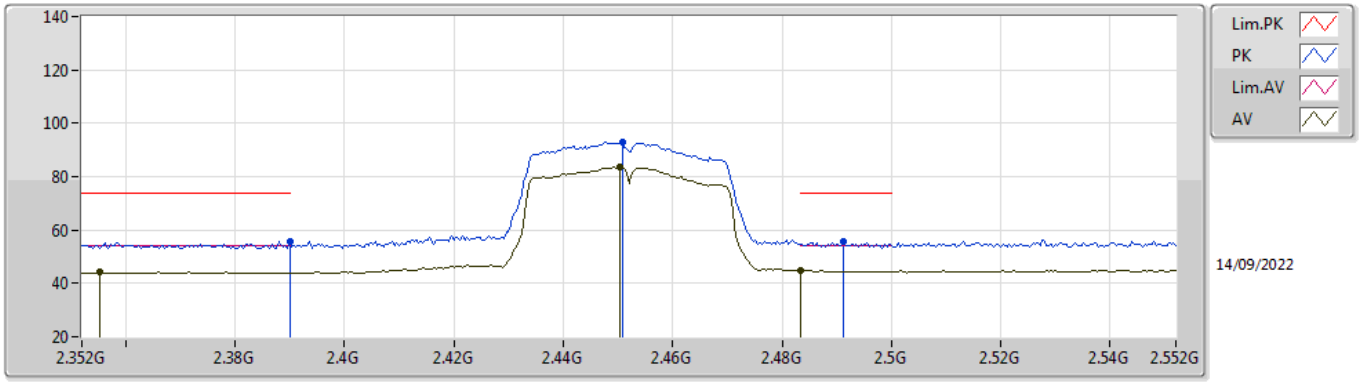


EUT Z_1TX
Setting 16.5
02-F-C-6

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	2.3876G	55.33	74.00	-18.67	24.16	3	Vertical	360	2.92	-	28.38	2.79	-
AV	2.3564G	44.30	54.00	-9.70	13.21	3	Vertical	360	2.92	-	28.31	2.78	-
PK	2.448G	104.00	Inf	-Inf	72.75	3	Vertical	360	2.92	-	28.40	2.85	-
AV	2.45G	94.49	Inf	-Inf	63.24	3	Vertical	360	2.92	-	28.40	2.85	-
PK	2.4835G	64.60	74.00	-9.40	33.19	3	Vertical	360	2.92	-	28.53	2.88	-
AV	2.4844G	52.86	54.00	-1.14	21.44	3	Vertical	360	2.92	-	28.54	2.88	-

VHT40_Nss1,(MCS0)_1TX

2452MHz_TX

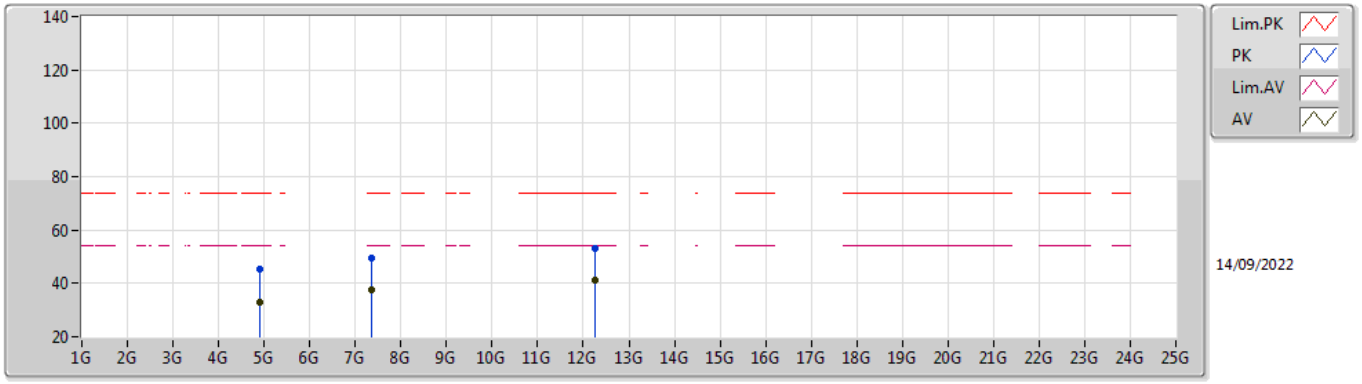


EUT Z_1TX
Setting 16.5
02-F-C-6

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	55.48	74.00	-18.52	24.31	3	Horizontal	274	1.80	-	28.38	2.79	-
AV	2.3552G	44.09	54.00	-9.91	13.00	3	Horizontal	274	1.80	-	28.31	2.78	-
PK	2.4508G	93.00	Inf	-Inf	61.75	3	Horizontal	274	1.80	-	28.40	2.85	-
AV	2.4504G	83.56	Inf	-Inf	52.31	3	Horizontal	274	1.80	-	28.40	2.85	-
PK	2.4912G	55.69	74.00	-18.31	24.24	3	Horizontal	274	1.80	-	28.56	2.89	-
AV	2.4835G	44.95	54.00	-9.05	13.54	3	Horizontal	274	1.80	-	28.53	2.88	-

VHT40_Nss1,(MCS0)_1TX

2452MHz_TX

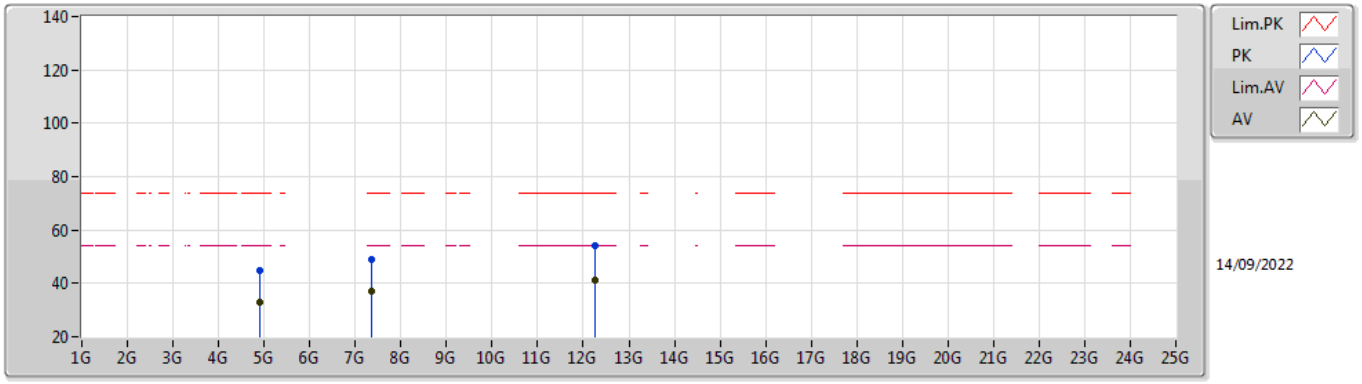


EUT Y_1TX
Setting 16.5
02-F-C-6

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	4.89836G	45.23	74.00	-28.77	37.70	3	Vertical	114	1.04	-	33.20	5.10	30.77
AV	4.90358G	33.17	54.00	-20.83	25.63	3	Vertical	114	1.04	-	33.21	5.10	30.77
PK	7.34478G	49.27	74.00	-24.73	38.55	3	Vertical	328	2.02	-	36.49	6.17	31.94
AV	7.35606G	37.55	54.00	-16.45	26.82	3	Vertical	328	2.02	-	36.50	6.18	31.95
PK	12.25316G	53.00	74.00	-21.00	38.17	3	Vertical	244	1.45	-	38.85	8.23	32.25
AV	12.25658G	41.33	54.00	-12.67	26.51	3	Vertical	244	1.45	-	38.84	8.23	32.25

VHT40_Nss1,(MCS0)_1TX

2452MHz_TX



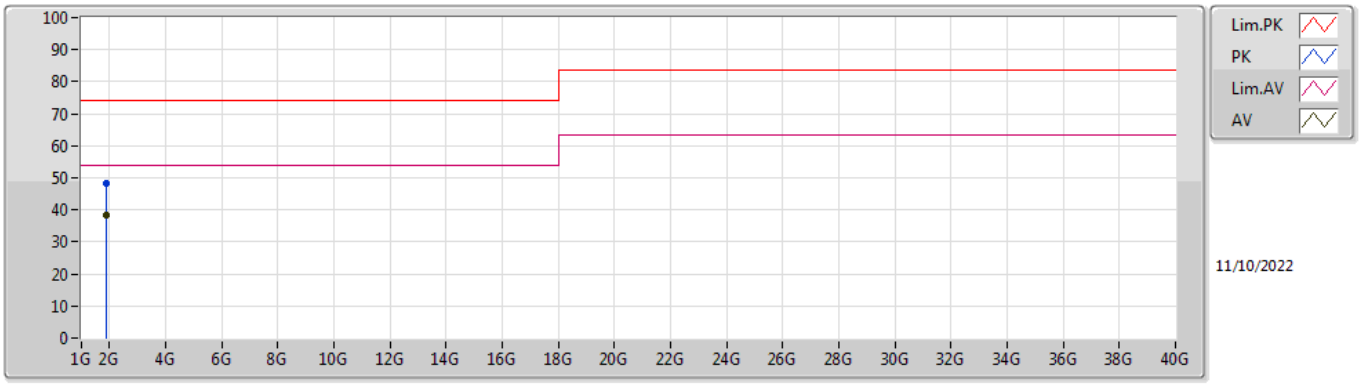
EUT Y_1TX
Setting 16.5
02-F-C-6

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	4.89266G	44.68	74.00	-29.32	37.17	3	Horizontal	349	2.33	-	33.19	5.10	30.78
AV	4.9166G	33.03	54.00	-20.97	25.47	3	Horizontal	349	2.33	-	33.23	5.10	30.77
PK	7.35804G	49.14	74.00	-24.86	38.41	3	Horizontal	19	2.02	-	36.50	6.18	31.95
AV	7.34424G	37.04	54.00	-16.96	26.32	3	Horizontal	19	2.02	-	36.49	6.17	31.94
PK	12.25232G	53.91	74.00	-20.09	39.08	3	Horizontal	6	1.26	-	38.85	8.23	32.25
AV	12.26162G	41.23	54.00	-12.77	26.40	3	Horizontal	6	1.26	-	38.84	8.23	32.24

Summary

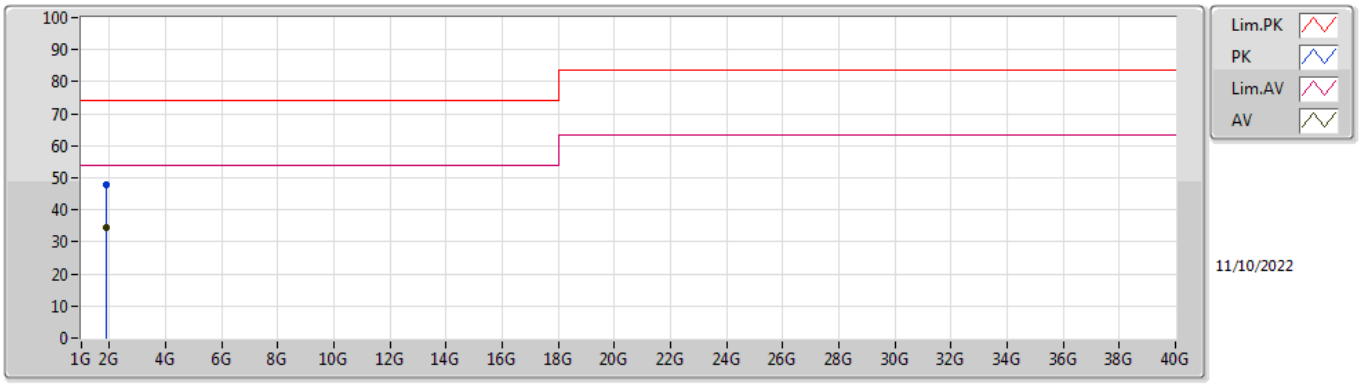
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 2	Pass	AV	1.90085G	38.22	54.00	-15.78	Vertical

Mode 2



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	1.90143G	48.35	74.00	-25.65	-6.99	3	Vertical	218	1.57	-	55.34	25.51	3.90	36.40
AV	1.90085G	38.22	54.00	-15.78	-6.99	3	Vertical	218	1.57	"Worst"	45.21	25.51	3.90	36.40

Mode 2



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	1.90135G	47.68	74.00	-26.32	-6.99	3	Horizontal	176	1.66	-	54.67	25.51	3.90	36.40
AV	1.90183G	34.66	54.00	-19.34	-6.98	3	Horizontal	176	1.66	"Worst"	41.64	25.52	3.90	36.40