FCC Test Report

Equipment	:	Wireless-AX6000 Dual Band Gigabit Router
Brand Name	:	ASUS
Model No.	:	RT-AX88U, RT-AX6000, RT-AX88P, RT-AX88R, RT-AX88A
FCC ID	:	MSQ-RTAXHP00
Standard	:	47 CFR FCC Part 15.247
Operating Band	:	2400 MHz – 2483.5 MHz
Function	:	☒ Point-to-multipoint; ☐ Point-to-point
Applicant	:	ASUSTeK COMPUTER INC. 4F, No. 150, Li-Te Rd., Peitou, Taipei 112, Taiwan
Manufacturer (1)	:	Compal Networking (KunShan) Co., LTD. No. 520, Nanbang Rd., Economic & Technical Development Zone Kunshan, Jiangsu Province China
Manufacturer (2)	:	ASKEY TECHNOLOGY (JIANG SU) LTD NO1388, Jiao Tong Road, Wujiang Economic Technological Development Area Jiangsu Province 215200 China

The product sample received on Dec. 18, 2017 and completely tested on Mar. 08, 2018. We, SPORTON, 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., the test report shall not be reproduced except in full.

Sam Chen
SPORTON INTERNATIONAL INC.

Testing Laboratory
1190

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Summary of Test Result

Conformance Test Specifications				
Report Clause	**Ref. Std. Clause**	**Description**	**Limit**	**Result**
1.1.2	15.203	Antenna Requirement	FCC 15.203	Complied
3.1	15.247(a)	DTS Bandwidth	≥500kHz	Complied
3.2	15.247(b)	Maximum Conducted Output Power	Power [dBm]:30	Complied
3.3	15.247(e)	Power Spectral Density	PSD [dBm/3kHz]:8	Complied
3.4	15.247(d)	Emissions in Non-restricted Frequency Bands	Non-Restricted Bands: > 30 dBc	Complied
3.5	15.247(d)	Emissions in Restricted Frequency Bands	Restricted Bands: FCC 15.209	Complied

Revision History

Report No.	Version	Description	Issued Date
FR780707-01AA	Rev. 01	Initial issue of report	Mar. 19, 2018

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), ac (VHT20), ax (HE20)	2412-2462	1-11 [11]
2400-2483.5	n (HT40), ac (VHT40), ax (HE40)	2422-2452	3-9 [7]

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	802.11b	20	4TX
2.4-2.4835GHz	802.11g	20	4TX
2.4-2.4835GHz	802.11n HT20	20	4TX
2.4-2.4835GHz	802.11n HT20-BF	20	4TX
2.4-2.4835GHz	802.11ac VHT20	20	4TX
2.4-2.4835GHz	802.11ac VHT20-BF	20	4TX
2.4-2.4835GHz	802.11ax HE20	20	4TX
2.4-2.4835GHz	802.11ax HE20,BF	20	4TX
2.4-2.4835GHz	802.11n HT40	40	4TX
2.4-2.4835GHz	802.11n HT40-BF	40	4TX
2.4-2.4835GHz	802.11ac VHT40	40	4TX
2.4-2.4835GHz	802.11ac VHT40-BF	40	4TX
2.4-2.4835GHz	802.11ax HE40	40	4TX
2.4-2.4835GHz	802.11ax HE40,BF	40	4TX

Note:
- 11b mode uses a combination of DSSS-DBPSK, DQPSK, CCK modulation.
- 11g, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- VHT20, VHT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- HE20, HE40 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- BWch is the nominal channel bandwidth.
- Nss-Min is the minimum number of spatial streams.
- Nant is the number of outputs. e.g., 2(2,3) means have 2 outputs for port 2 and port 3. 2 means have 2 outputs for port 1 and port 2.

1.1.2 Antenna Information

Set	2.4G Port	5G Port	Brand	P/N	Antenna Type	Connector	Gain (dBi)
1	1	2	M.gear	C660-510411-A	Dipole Antenna	Reverse SMA Plug	Note 1
	2	1					
	3	4					
	4	3					
2	-		PSA	RFDPA171300SBLB820	Dipole Antenna	Reverse SMA Plug	

Note1:

Set	2.4G Port	5G Port	Gain (dBi)			
			2.4GHz	5GHz Band 1 / Band 2	5GHz Band 3	5GHz Band 4
1	1	2	1.94	2.33	2.35	1.94
	2	1				
	3	4				
	4	3				
2	-		1.85	2.24	2.32	1.86

Note2: The EUT has two sets of antennas because set 1 & set 2 are the same type antennas, only the higher gain antenna “set 1” was tested..

<For 2.4GHz Band>

For IEEE 802.11b/g/n/ac/ax mode <4TX/4RX>:

Port 1, Port 2, Port 3 and Port 4 will transmit/receive the same signal simultaneously.

Port 1, Port 2, Port 3 and Port 4 can be used as transmitting/receiving antennas.

<For 5GHz Band>

For IEEE 802.11a/n/ac/ax mode <4TX/4RX>:

Port 1, Port 2, Port 3 and Port 4 will transmit/receive the same signal simultaneously.

Port 1, Port 2, Port 3 and Port 4 can be used as transmitting/receiving antennas.

1.1.3 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11ac VHT20,BF	0.982	0.079	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ac VHT40,BF	0.983	0.074	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HE20,BF	0.986	0.061	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HE40,BF	0.983	0.074	n/a (DC>=0.98)	n/a (DC>=0.98)

1.1.4 EUT Operational Condition

EUT Power Type	From Power Adapter			
Beamforming Function	☒	With beamforming for 802.11n/ac/ax in 2.4GHz and 5GHz.	☐	Without beamforming
Test Software Version	accessMTool_3_0_0_5			

1.1.5 Table for Multiple Listing

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

Model Name	Description
RT-AX88U	All the models are identical, the different model names served as marketing strategy.
RT-AX6000	
RT-AX88P	
RT-AX88R	
RT-AX88A	

From the above models, model: RT-AX88U was selected as representative model for the test and its data was recorded in this report.

1.1.6 Table for SKU information

EUT No.	SUK No. / Brand Name	P/N
1	SUK 1 / SWAPnet	NS604804
2	SUK 2 / Mingtek	HN4821CG

Note: The SKU does not affect the test result of RF tests, so only SUK 1 was tested and recorded in this report.

1.1.7 Table for Class II Change

This product is an extension of original one reported under Sporton project number: FR780707AA

Below is the table for the change of the product with respect to the original one.

Modifications	Description
1. Add beamforming function for 2.4GHz	1. DTS Bandwidth 2. Maximum Conducted Output Power 3. Power Spectral Density 4. Emissions in Non-restricted Frequency 5. Bands Emissions in Restricted Frequency Bands
2. Add Client without radar detection mode.	Do not affect the test results in this test report.

1.2 Testing Applied Standards

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

- 47 CFR FCC Part 15
- ANSI C63.10-2013
- FCC KDB 558074 D01 v04
- FCC KDB 662911 D01 v02r01
- FCC KDB 412172 D01 v01r01

1.3 Testing Location Information

Testing Location							
☐	HWA YA	ADD	:	No. 52, Hwa Ya 1st Rd., Kwei-Shan Hsiang, Tao Yuan Hsien, Taiwan, R.O.C.			
		TEL	:	886-3-327-3456	FAX	:	886-3-318-0055
☒	JHUBEI	ADD	:	No.8, Lane 724, Bo-ai St., Jhubei City, HsinChu County 302, Taiwan, R.O.C.			
		TEL	:	886-3-656-9065	FAX	:	886-3-656-9085

Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
RF Conducted	TH01-CB	Serway Li	20°C / 50%	Feb. 21, 2018 ~ Mar. 07, 2018
Radiated	03CH01-CB	Cola Fan	22°C / 54%	Dec. 18, 2017 ~ Mar. 08, 2018

Test site Designation No. TW0006 with FCC.
Test site registered number IC 4086D with Industry Canada.

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
Radiated Emission (18GHz ~ 40GHz)	3.5 dB	Confidence levels of 95%
Conducted Emission	1.7 dB	Confidence levels of 95%
Output Power Measurement	1.33 dB	Confidence levels of 95%
Power Density Measurement	1.27 dB	Confidence levels of 95%
Bandwidth Measurement	9.74×10^{-8}	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Channel Mode

Mode	Power Setting
802.11ax HE20,BF_Nss1,(MCS0)_4TX	-
2412MHz	70
2417MHz	82
2422MHz	85
2437MHz	86
2452MHz	**87**
2457MHz	83
2462MHz	75
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-
2412MHz	78
2417MHz	86
2422MHz	87
2437MHz	87
2452MHz	88
2457MHz	88
2462MHz	78
802.11ax HE40,BF_Nss1,(MCS0)_4TX	-
2422MHz	64
2427MHz	60
2432MHz	66
2437MHz	76
2452MHz	76
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-
2422MHz	60
2427MHz	63
2432MHz	71
2437MHz	76
2452MHz	78
802.11ax HE20,BF_Nss2,(MCS0)_4TX	-
2412MHz	77
2417MHz	84
2422MHz	90
2427MHz	93
2437MHz	94
2452MHz	93
2457MHz	89
2462MHz	79

802.11ac VHT20-BF_Nss2,(MCS0)_4TX	-
2412MHz	78
2417MHz	88
2422MHz	92
2437MHz	94
2452MHz	93
2457MHz	88
2462MHz	83
802.11ax HE40,BF_Nss2,(MCS0)_4TX	-
2422MHz	66
2427MHz	70
2432MHz	70
2437MHz	79
2452MHz	77
802.11ac VHT40-BF_Nss2,(MCS0)_4TX	-
2422MHz	68
2427MHz	72
2432MHz	76
2437MHz	84
2452MHz	81

Note:
- VHT20/VHT40 covers HT20/HT40, due to same modulation. The power setting for 802.11n HT20 and HT40 are the same or lower than 802.11ac VHT20 and VHT40.

2.2 The Worst Case Measurement Configuration

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
Test Mode	EUT 1 + Master (AP) Mode

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

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	EUT 1 + Master (AP) Mode (WLAN 2.4GHz + WLAN 5GHz)
Refer to Sporton Test Report No.: FA780707-01 for Co-location RF Exposure Evaluation.	

Note: The EUT supports master mode (AP mode), client without radar detection mode and only be used at Z axis.

2.3 EUT Operation during Test

For CTX Mode:

beamforming mode:

For Conducted Mode:

The EUT was programmed to be in continuously transmitting mode.

For Radiated Mode:

During the test, the following programs under WIN 7 were executed.

The program was executed as follows:

1. During the test, the EUT operation to normal function.
2. Executed command fixed test channel under Telnet.
3. Executed "Telnet" to link with the remote workstation to transmit and receive packet by RX Device and transmit duty cycle no less than 98%.

2.4 Accessories

Accessories				
Equipment Name	**Brand Name**	**Model Name**	**type**	**Rating**
Adapter 1	DELTA	ADP-45BW B	-	INPUT: 100-240V ~ 1.2A, 50-60Hz OUTPUT: 19V, 2.37A
Adapter 2	PI	AD883J20	010K-7LF	INPUT: 100-240V ~ 50/60Hz, 1.0A OUTPUT: 19V, 2.37A
Adapter 3	PI	AD2066320	010-1LF	INPUT: 100-240V ~ 50/60Hz, 1.0A OUTPUT: 19V, 2.37A
Adapter 4	DELTA	ADP-45BW Y	-	INPUT: 100-240V ~ 50-60Hz, 1.2A OUTPUT: 19V, 2.37A
Other				
RJ-45 cable*1, Non-shielded, 1.5m				

Note: The power adapter does not affect the test result of RF tests, so only adapter 1 was tested and recorded in this report.

2.5 Support Equipment

For Test Site No: 03CH01-CB (above 1GHz)

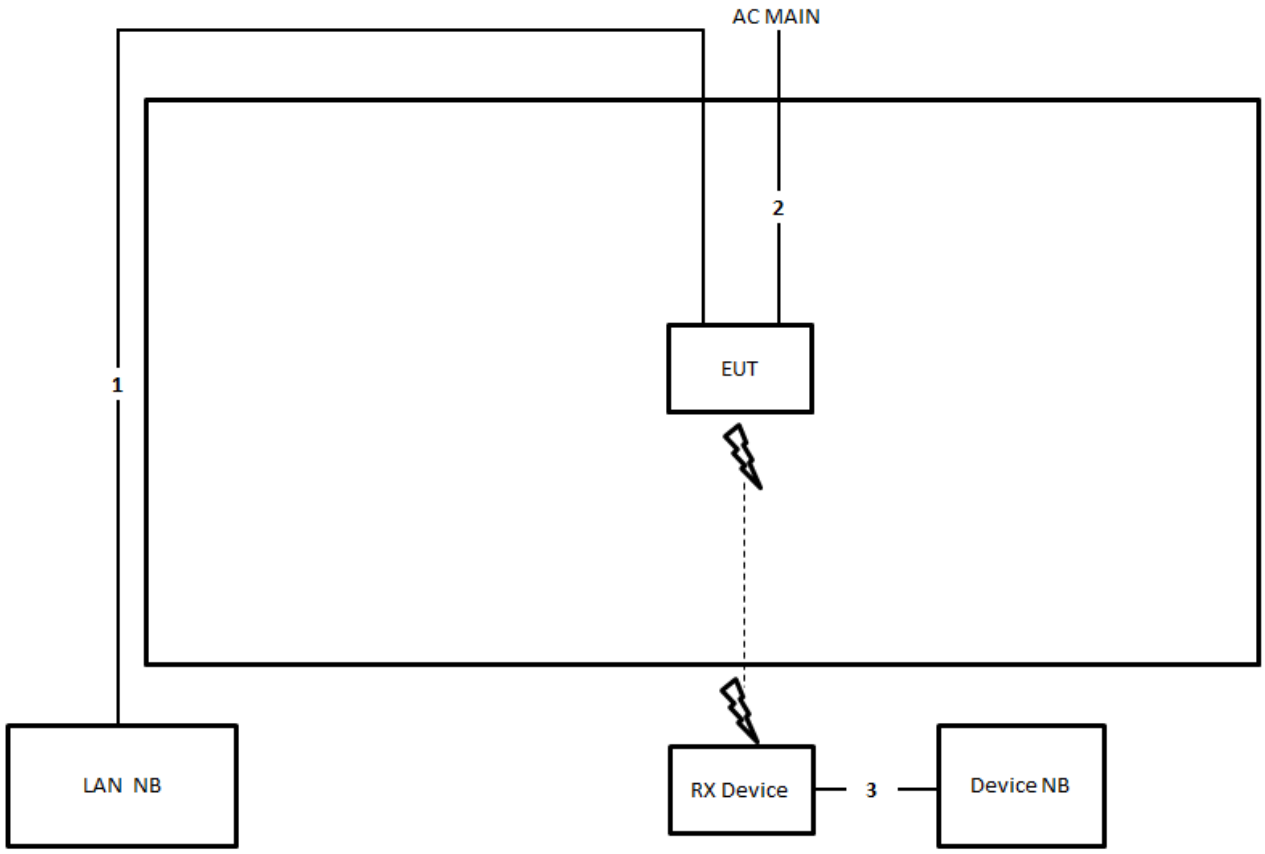
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	Notebook*2	DELL	E4300	DoC
2	RX Device	AVAGO	43684MCH5	N/A

For Test Site No: TH01-CB

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	Notebook	DELL	E4300	DoC

2.6 Test Setup Diagram

Test Setup Diagram - Radiated Test



Item	Connection	Shielded	Length
1	RJ-45 cable	No	10m
2	Power cable	No	2.3m
3	RJ-45 cable	No	1.5m

3 Transmitter Test Result

3.1 DTS Bandwidth

3.1.1 6dB Bandwidth Limit

6dB Bandwidth Limit
Systems using digital modulation techniques:
▪ 6 dB bandwidth ≥ 500 kHz.

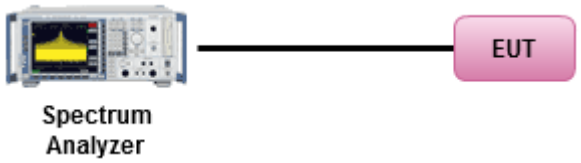
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

Test Method	
▪ For the emission bandwidth shall be measured using one of the options below:	
	☒ Refer as FCC KDB 558074, clause 8.1 Option 1 for 6 dB bandwidth measurement.
	☐ Refer as FCC KDB 558074, clause 8.2 Option 2 for 6 dB bandwidth measurement.
	☐ Refer as ANSI C63.10, clause 6.9.1 for occupied bandwidth testing.

3.1.4 Test Setup

Emission Bandwidth


3.1.5 Test Result of Emission Bandwidth

Refer as Appendix A

3.2 Maximum Conducted Output Power

3.2.1 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.		

3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

Test Method	
▪ Maximum Peak Conducted Output Power	
	☐ Refer as FCC KDB 558074, clause 9.1.1 Option 1 (RBW ≥ EBW method).
	☐ Refer as FCC KDB 558074, clause 9.1.2 Option 2 (peak power meter for VBW ≥ DTS BW)
▪ Maximum Conducted Output Power	
	[duty cycle ≥ 98% or external video / power trigger]
	☐ Refer as FCC KDB 558074, clause 9.2.2.2 Method AVGSA-1 (spectral trace averaging).
	☐ Refer as FCC KDB 558074, clause 9.2.2.3 Method AVGSA-1 Alt. (slow sweep speed)
	duty cycle < 98% and average over on/off periods with duty factor
	☐ Refer as FCC KDB 558074, clause 9.2.2.4 Method AVGSA-2 (spectral trace averaging).
	☐ Refer as FCC KDB 558074, clause 9.2.2.5 Method AVGSA-2 Alt. (slow sweep speed)
	RF power meter and average over on/off periods with duty factor or gated trigger
	☒ Refer as FCC KDB 558074, clause 9.2.3 Method AVGPM-G (using an RF average power meter).
	☐ Refer as FCC KDB 558074, clause 9.1.2 PKPM1 Peak power meter method.
▪ 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]) $EIRP_{total} = P_{total} + DG$

3.2.4 Test Setup

Maximum Conducted Output Power (Power Meter)


3.2.5 Test Result of Maximum Conducted Output Power

Refer as Appendix B

3.3 Power Spectral Density

3.3.1 Power Spectral Density Limit

Power Spectral Density Limit
▪ Power Spectral Density (PSD) ≤ 8 dBm/3kHz

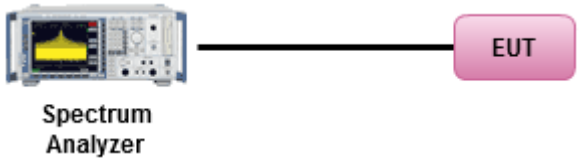
3.3.2 Measuring Instruments

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

3.3.3 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 10.2 Method PKPSD (RBW=3-100kHz; Detector=peak).	
	[duty cycle ≥ 98% or external video / power trigger]	
	☐ Refer as FCC KDB 558074, clause 10.3 Method AVGPSD-1 (spectral trace averaging).	
	☐ Refer as FCC KDB 558074, clause 10.4 Method AVGPSD-2 (slow sweep speed)	
	duty cycle < 98% and average over on/off periods with duty factor	
	☐ Refer as FCC KDB 558074, clause 10.5 Method AVGPSD-1 Alt (spectral trace averaging).	
	☐ Refer as FCC KDB 558074, clause 10.6 Method AVGPSD-2 Alt. (slow sweep speed)	
▪ 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.

3.3.4 Test Setup

Power Spectral Density
 Spectrum Analyzer

3.3.5 Test Result of Power Spectral Density

Refer as Appendix C

3.4 Emissions in Non-restricted Frequency Bands

3.4.1 Emissions in Non-restricted Frequency Bands Limit

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

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

3.4.2 Measuring Instruments

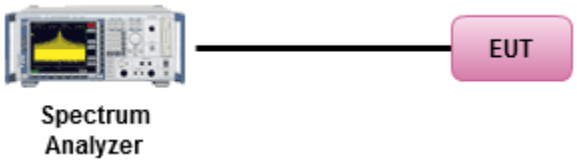
Refer a test equipment and calibration data table in this test report.

3.4.3 Test Procedures

Test Method
▪ Refer as FCC KDB 558074, clause 11 for unwanted emissions into non-restricted bands.

3.4.4 Test Setup

Emissions in Non-restricted Frequency Bands



3.4.5 Test Result of Emissions in Non-restricted Frequency Bands

Refer as Appendix D

3.5 Emissions in Restricted Frequency Bands

3.5.1 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.

3.5.2 Measuring Instruments

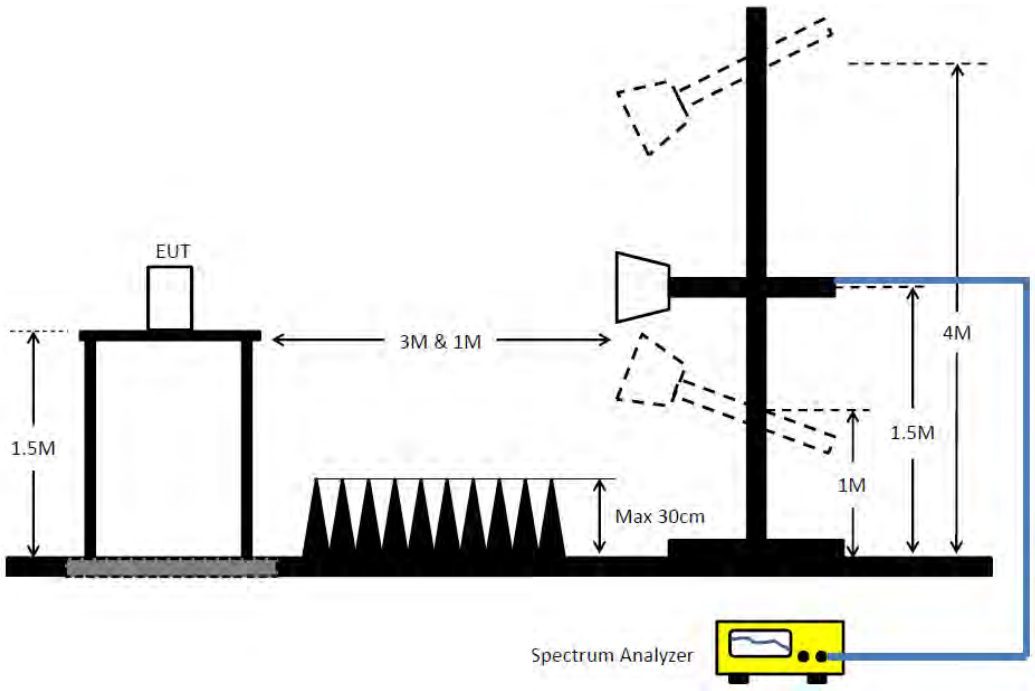
Refer a test equipment and calibration data table in this test report.

3.5.3 Test Procedures

Test Method		
▪ The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor].		
▪ Refer as ANSI C63.10, clause 6.9.2.2 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 12 for unwanted emissions into restricted bands.	
		☐ Refer as FCC KDB 558074, clause 12.2.5.1 Option 1 (trace averaging for duty cycle ≥98%)
		☐ Refer as FCC KDB 558074, clause 12.2.5.2 Option 2 (trace averaging + duty factor).
		☒ Refer as FCC KDB 558074, clause 12.2.5.3 Option 3 (Reduced VBW≥1/T).
		☐ Refer as ANSI C63.10, clause 4.2.3.2.3 (Reduced VBW). VBW ≥ 1/T, where T is pulse time.
		☐ Refer as ANSI C63.10, clause 4.2.3.2.4 average value of pulsed emissions.
		☒ Refer as FCC KDB 558074, clause 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 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 13.2 (ANSI C63.10, clause 6.9.3) for marker-delta method for band-edge measurements.	
	▪ Refer as FCC KDB 558074, clause 13.3 for narrower resolution bandwidth (100kHz) using the band power and summing the spectral levels (i.e., 1 MHz).	
▪ For conducted and cabinet radiation measurement, refer as FCC KDB 558074, clause 12.2.2.		
	▪ 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.	

3.5.4 Test Setup

Transmitter Radiated Emissions
Above 1GHz



3.5.5 Test Result of Transmitter Radiated Unwanted Emissions

Refer as Appendix E

4 Test Equipment and Calibration Data

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	Mar. 16, 2016*	Mar. 15, 2018*	Radiation (03CH01-CB)
Horn Antenna	EMCO	3115	00075790	750MHz ~ 18GHz	Nov. 20, 2017	Nov. 19, 2018	Radiation (03CH01-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Jul. 05, 2017	Jul. 04, 2018	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8449B	3008A02310	1GHz ~ 26.5GHz	Jan. 16, 2017	Jan. 15, 2018	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8449B	3008A02310	1GHz ~ 26.5GHz	Jan. 09, 2018	Jan. 08, 2019	Radiation (03CH01-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 10, 2017	Jul. 09, 2018	Radiation (03CH01-CB)
Spectrum Analyzer	R&S	FSP40	100056	9kHz ~ 40GHz	Nov. 23, 2017	Nov. 22, 2018	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-16	N/A	1 GHz ~ 18 GHz	Oct. 11, 2017	Oct. 10, 2018	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-16+17	N/A	1 GHz ~ 18 GHz	Oct. 11, 2017	Oct. 10, 2018	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-40G#1	N/A	18GHz ~ 40 GHz	Oct. 11, 2017	Oct. 10, 2018	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-40G#2	N/A	18GHz ~ 40 GHz	Oct. 11, 2017	Oct. 10, 2018	Radiation (03CH01-CB)
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	Dec. 21, 2017	Dec. 20, 2018	Conducted (TH01-CB)
Temp. and Humidity Chamber	Ten Billion	TTH-D3SP	TBN-931011	-30~100 degree	Jun. 02, 2017	Jun. 01, 2018	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-06	1 GHz – 26.5 GHz	Oct. 11, 2017	Oct. 10, 2018	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-07	1 GHz –26.5 GHz	Oct. 11, 2017	Oct. 10, 2018	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-08	1 GHz –26.5 GHz	Oct. 11, 2017	Oct. 10, 2018	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-09	1 GHz –26.5 GHz	Oct. 11, 2017	Oct. 10, 2018	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz –26.5 GHz	Oct. 11, 2017	Oct. 10, 2018	Conducted (TH01-CB)
Power Sensor	Agilent	U2021XA	MY53410001	50MHz~18GHz	Nov. 20, 2017	Nov. 19, 2018	Conducted (TH01-CB)

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

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	17.6M	17.841M	17M8D1D	17.55M	17.691M
HE20,BF_Nss1,(MCS0)_4TX	19.025M	19.015M	19M0D1D	18.9M	18.916M
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	36.35M	36.282M	36M3D1D	36.3M	36.032M
HE40,BF_Nss1,(MCS0)_4TX	37.8M	37.681M	37M7D1D	36.45M	37.431M
802.11ac VHT20-BF_Nss2,(MCS0)_4TX	17.625M	17.816M	17M8D1D	17.525M	17.691M
HE20,BF_Nss2,(MCS0)_4TX	19.1M	19.015M	19M0D1D	18.85M	18.891M
802.11ac VHT40-BF_Nss2,(MCS0)_4TX	36.4M	36.332M	36M3D1D	36.25M	36.082M
HE40,BF_Nss2,(MCS0)_4TX	37.75M	37.631M	37M6D1D	36.75M	37.431M

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

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	17.575M	17.741M	17.575M	17.741M	17.575M	17.691M	17.575M	17.741M
2437MHz	Pass	500k	17.6M	17.766M	17.575M	17.841M	17.6M	17.791M	17.6M	17.766M
2462MHz	Pass	500k	17.6M	17.791M	17.575M	17.791M	17.55M	17.741M	17.6M	17.766M
HE20,BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	18.9M	19.015M	19M	18.916M	18.925M	18.941M	18.95M	18.941M
2437MHz	Pass	500k	18.925M	18.966M	18.975M	18.941M	19.025M	18.966M	18.975M	18.991M
2462MHz	Pass	500k	18.95M	18.966M	18.925M	18.966M	18.95M	18.941M	19M	19.015M
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	500k	36.35M	36.282M	36.3M	36.182M	36.35M	36.232M	36.35M	36.282M
2437MHz	Pass	500k	36.3M	36.132M	36.3M	36.132M	36.3M	36.282M	36.35M	36.232M
2452MHz	Pass	500k	36.35M	36.232M	36.3M	36.132M	36.35M	36.032M	36.35M	36.282M
HE40,BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	500k	37.55M	37.681M	37.8M	37.481M	37.3M	37.481M	37.4M	37.481M
2437MHz	Pass	500k	36.45M	37.431M	37.45M	37.481M	37.1M	37.581M	37.5M	37.481M
2452MHz	Pass	500k	36.75M	37.581M	37.1M	37.531M	36.5M	37.481M	37.7M	37.581M
802.11ac VHT20-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	17.575M	17.741M	17.55M	17.741M	17.575M	17.691M	17.575M	17.716M
2437MHz	Pass	500k	17.6M	17.766M	17.55M	17.716M	17.6M	17.766M	17.6M	17.716M
2462MHz	Pass	500k	17.575M	17.766M	17.575M	17.766M	17.525M	17.791M	17.625M	17.816M
HE20,BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	19.1M	18.991M	18.975M	18.941M	18.925M	18.891M	18.875M	18.941M
2437MHz	Pass	500k	18.85M	18.991M	19M	18.966M	18.9M	18.991M	18.975M	18.991M
2462MHz	Pass	500k	18.95M	19.015M	19M	18.966M	18.85M	18.991M	19.05M	19.015M
802.11ac VHT40-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	500k	36.35M	36.282M	36.3M	36.132M	36.35M	36.282M	36.4M	36.232M
2437MHz	Pass	500k	36.3M	36.082M	36.35M	36.232M	36.4M	36.332M	36.3M	36.282M
2452MHz	Pass	500k	36.35M	36.232M	36.3M	36.232M	36.35M	36.082M	36.25M	36.232M
HE40,BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	500k	37.6M	37.631M	37.5M	37.431M	36.75M	37.581M	37.35M	37.531M

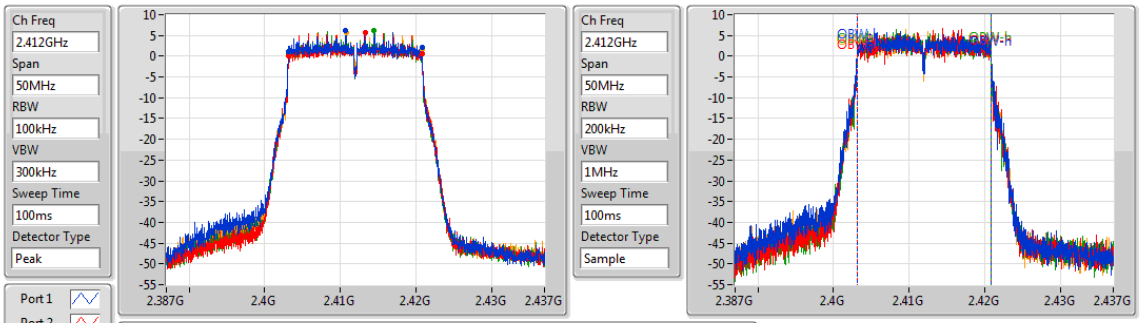
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
2437MHz	Pass	500k	37.3M	37.431M	37.2M	37.631M	37.3M	37.631M	37.6M	37.531M
2452MHz	Pass	500k	37.1M	37.481M	37.4M	37.481M	37.75M	37.431M	37.45M	37.481M

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

802.11ac VHT20-BF_Nss1,(MCS0)_4TX **EBW**

2412MHz

26/01/2018

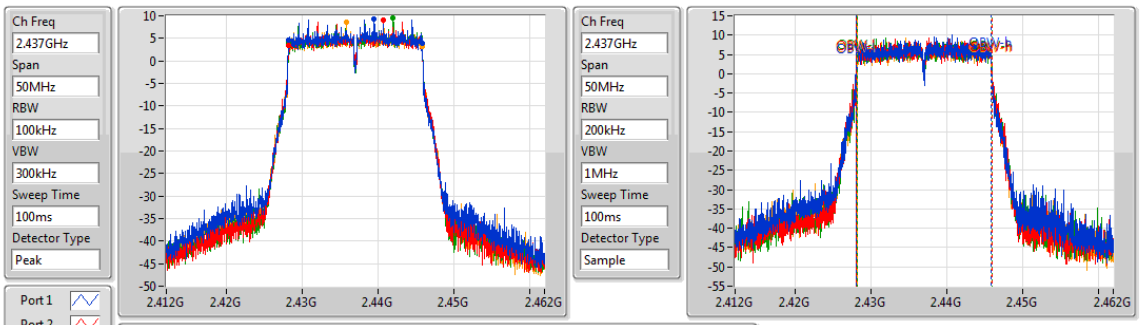


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.575M	2.4032G	2.420775G	17.741M	2.403104G	2.420846G	500k	1
17.575M	2.4032G	2.420775G	17.741M	2.403104G	2.420846G	500k	2
17.575M	2.4032G	2.420775G	17.691M	2.403129G	2.420821G	500k	3
17.575M	2.4032G	2.420775G	17.741M	2.403104G	2.420846G	500k	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX **EBW**

2437MHz

26/01/2018

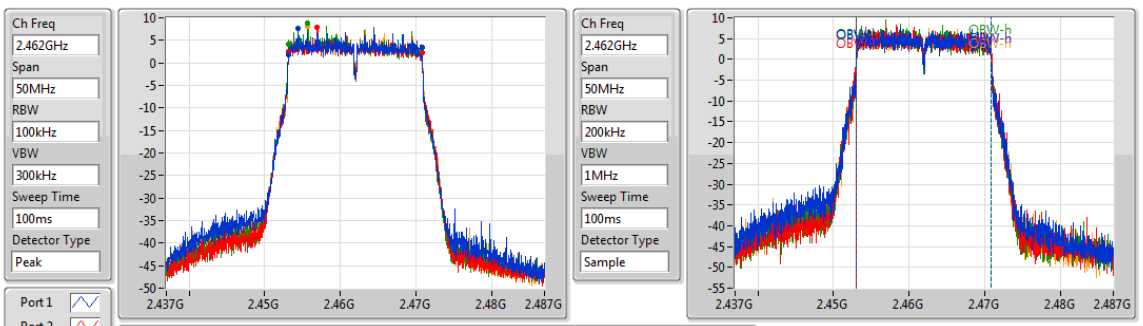


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.6M	2.4282G	2.4458G	17.766M	2.428079G	2.445846G	500k	1
17.575M	2.4282G	2.445775G	17.841M	2.428079G	2.445921G	500k	2
17.6M	2.4282G	2.4458G	17.791M	2.428129G	2.445921G	500k	3
17.6M	2.4282G	2.4458G	17.766M	2.428104G	2.445871G	500k	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX **EBW**

2462MHz

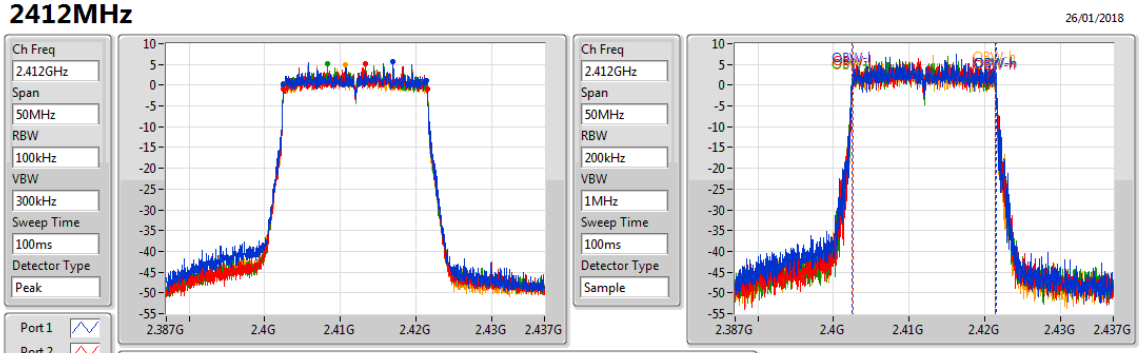
26/01/2018



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.6M	2.453175G	2.470775G	17.791M	2.453054G	2.470846G	500k	1
17.575M	2.4532G	2.470775G	17.791M	2.453054G	2.470846G	500k	2
17.55M	2.4532G	2.47075G	17.741M	2.453054G	2.470796G	500k	3
17.6M	2.453175G	2.470775G	17.766M	2.453079G	2.470846G	500k	4

HE20,BF_Nss1,(MCS0)_4TX EBW

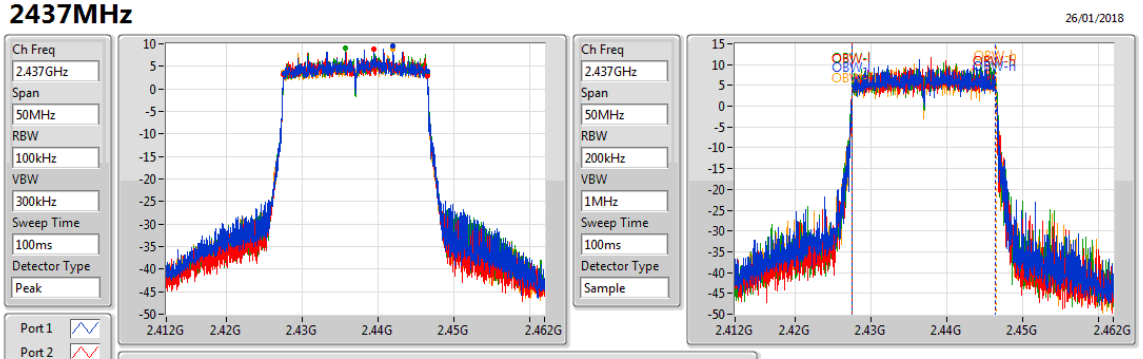
2412MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.9M	2.402525G	2.421425G	19.015M	2.40248G	2.421495G	500k	1
19M	2.402525G	2.421525G	18.916M	2.40253G	2.421445G	500k	2
18.925M	2.402525G	2.42145G	18.941M	2.402505G	2.421445G	500k	3
18.95M	2.402525G	2.421475G	18.941M	2.402505G	2.421445G	500k	4

HE20,BF_Nss1,(MCS0)_4TX EBW

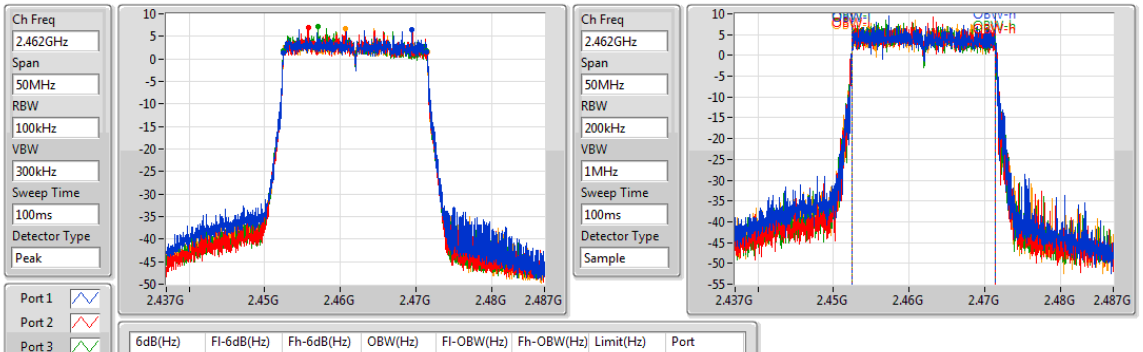
2437MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.925M	2.42755G	2.446475G	18.966M	2.42748G	2.446445G	500k	1
18.975M	2.4275G	2.446475G	18.941M	2.427505G	2.446445G	500k	2
19.025M	2.427525G	2.44655G	18.966M	2.427505G	2.44647G	500k	3
18.975M	2.427525G	2.4465G	18.991M	2.427505G	2.446495G	500k	4

HE20,BF_Nss1,(MCS0)_4TX EBW

2462MHz

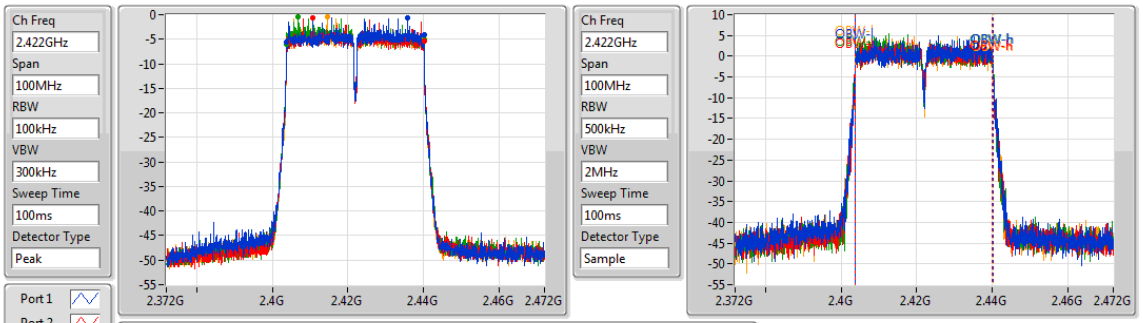


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.95M	2.4525G	2.47145G	18.966M	2.45248G	2.471445G	500k	1
18.925M	2.4525G	2.471425G	18.966M	2.45248G	2.471445G	500k	2
18.95M	2.452475G	2.471425G	18.941M	2.45248G	2.47142G	500k	3
19M	2.4525G	2.4715G	19.015M	2.452455G	2.47147G	500k	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX **EBW**

2422MHz

26/01/2018

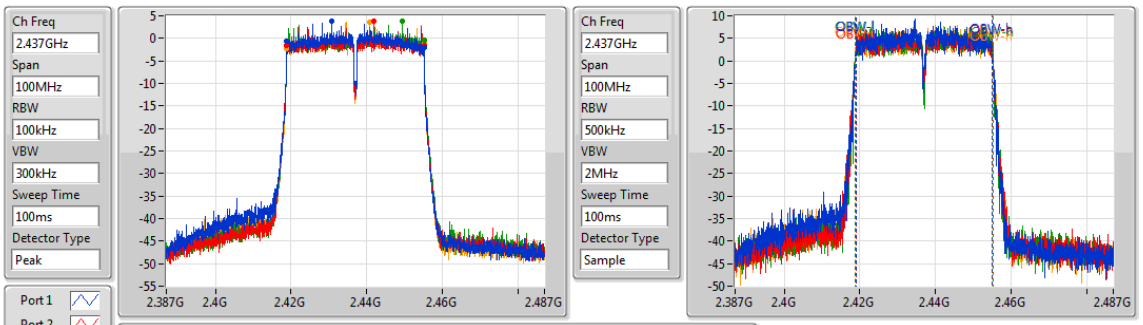


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.35M	2.4038G	2.44015G	36.282M	2.403859G	2.440141G	500k	1
36.3M	2.40385G	2.44015G	36.182M	2.403859G	2.440041G	500k	2
36.35M	2.4038G	2.44015G	36.232M	2.403859G	2.440091G	500k	3
36.35M	2.4038G	2.44015G	36.282M	2.403859G	2.440141G	500k	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX **EBW**

2437MHz

26/01/2018

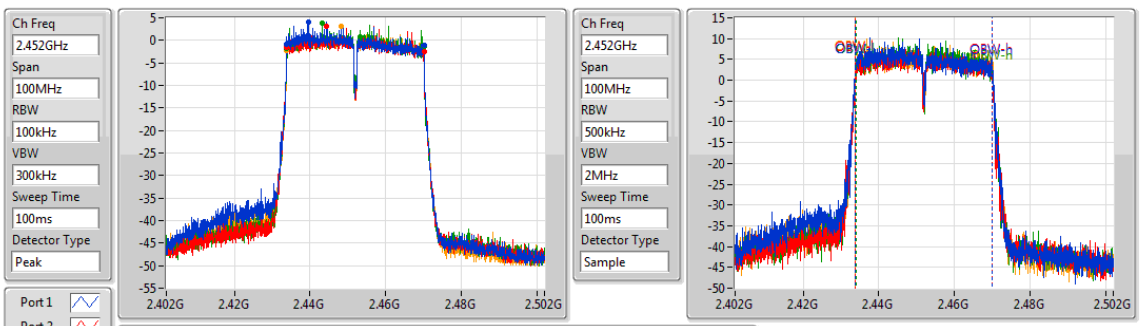


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.3M	2.41885G	2.45515G	36.132M	2.418909G	2.455041G	500k	1
36.3M	2.41885G	2.45515G	36.132M	2.418909G	2.455041G	500k	2
36.3M	2.41885G	2.45515G	36.282M	2.418859G	2.455141G	500k	3
36.35M	2.4188G	2.45515G	36.232M	2.418859G	2.455091G	500k	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX **EBW**

2452MHz

26/01/2018

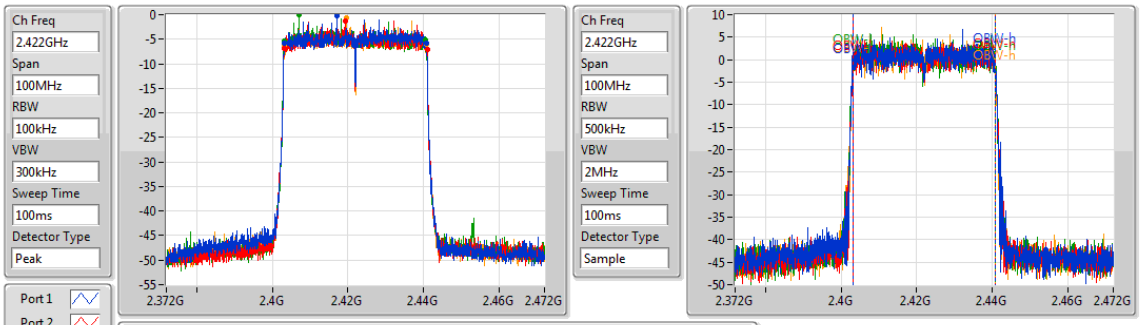


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.35M	2.4338G	2.47015G	36.232M	2.433809G	2.470041G	500k	1
36.3M	2.43385G	2.47015G	36.132M	2.433859G	2.469991G	500k	2
36.35M	2.4338G	2.47015G	36.032M	2.433909G	2.469941G	500k	3
36.35M	2.4338G	2.47015G	36.282M	2.433809G	2.470091G	500k	4

HE40,BF_Nss1,(MCS0)_4TX **EBW**

2422MHz

26/01/2018

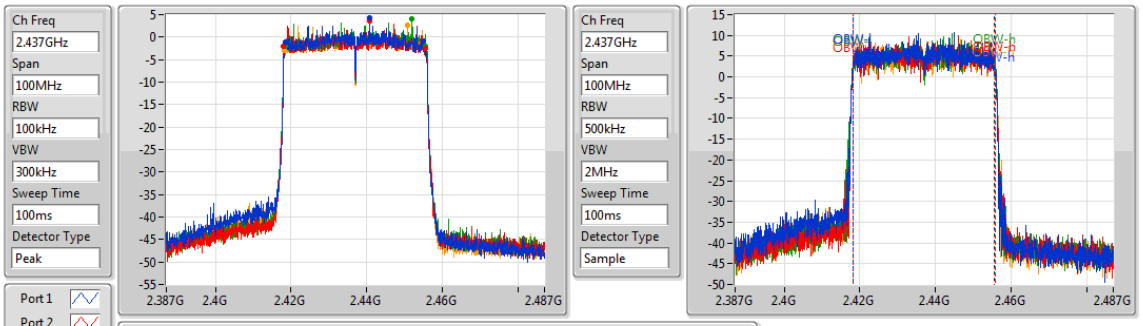


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.55M	2.4032G	2.44075G	37.681M	2.403109G	2.440791G	500k	1
37.8M	2.40315G	2.44095G	37.481M	2.403259G	2.440741G	500k	2
37.3M	2.4032G	2.4405G	37.481M	2.403259G	2.440741G	500k	3
37.4M	2.4033G	2.4407G	37.481M	2.403209G	2.440691G	500k	4

HE40,BF_Nss1,(MCS0)_4TX **EBW**

2437MHz

26/01/2018

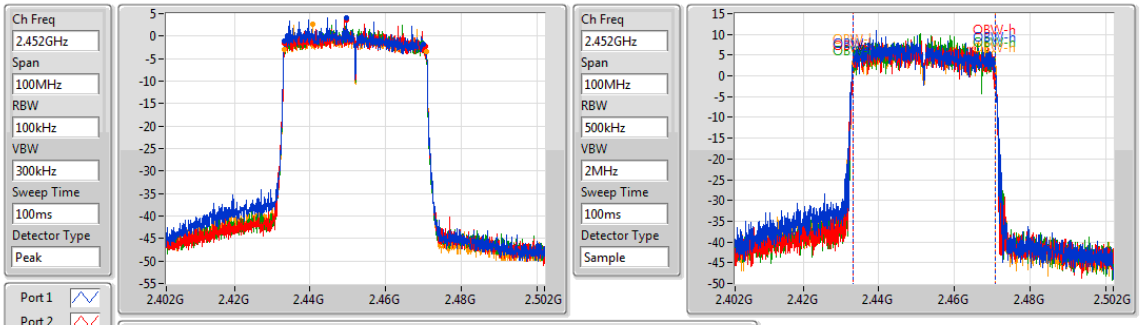


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.45M	2.4185G	2.45495G	37.431M	2.418209G	2.455641G	500k	1
37.45M	2.41805G	2.4555G	37.481M	2.418209G	2.455691G	500k	2
37.1M	2.41845G	2.45555G	37.581M	2.418209G	2.455791G	500k	3
37.5M	2.41815G	2.45565G	37.481M	2.418159G	2.455641G	500k	4

HE40,BF_Nss1,(MCS0)_4TX **EBW**

2452MHz

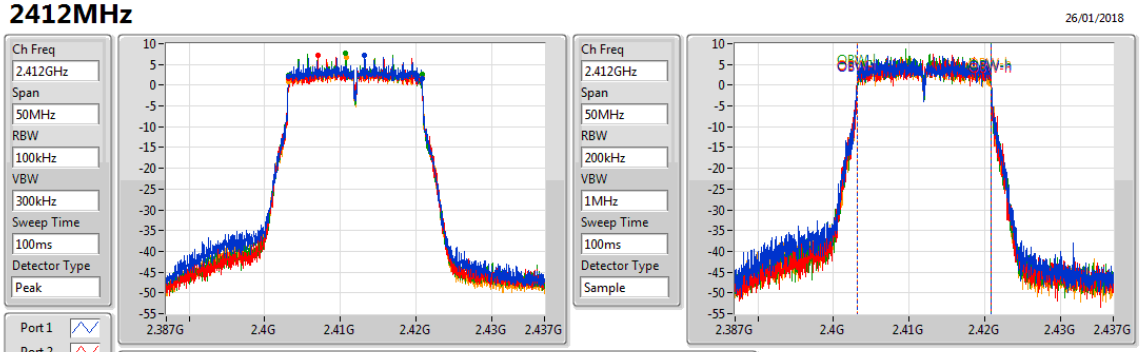
26/01/2018



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.75M	2.43315G	2.4699G	37.581M	2.433109G	2.470691G	500k	1
37.1M	2.4333G	2.4704G	37.531M	2.433159G	2.470691G	500k	2
36.5M	2.43325G	2.46975G	37.481M	2.433209G	2.470691G	500k	3
37.7M	2.43315G	2.47085G	37.581M	2.433159G	2.470741G	500k	4

802.11ac VHT20-BF_Nss2,(MCS0)_4TX EBW

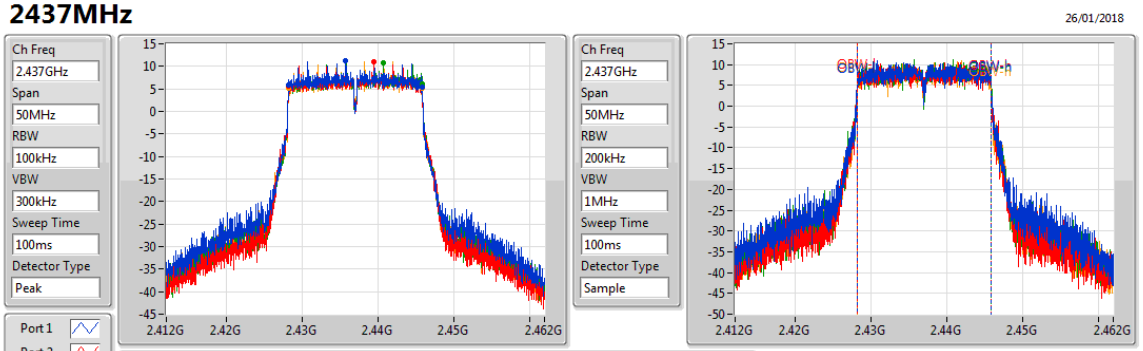
2412MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.575M	2.4032G	2.420775G	17.741M	2.403104G	2.420846G	500k	1
17.55M	2.403225G	2.420775G	17.741M	2.403104G	2.420846G	500k	2
17.575M	2.4032G	2.420775G	17.691M	2.403129G	2.420821G	500k	3
17.575M	2.4032G	2.420775G	17.716M	2.403129G	2.420846G	500k	4

802.11ac VHT20-BF_Nss2,(MCS0)_4TX EBW

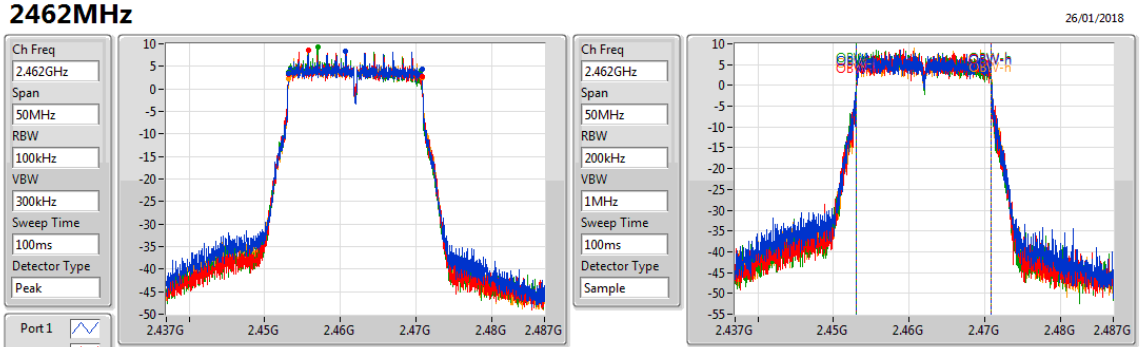
2437MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.6M	2.4282G	2.4458G	17.766M	2.428104G	2.445871G	500k	1
17.55M	2.428225G	2.445775G	17.716M	2.428104G	2.445821G	500k	2
17.6M	2.4282G	2.4458G	17.766M	2.428129G	2.445896G	500k	3
17.6M	2.4282G	2.4458G	17.716M	2.428129G	2.445846G	500k	4

802.11ac VHT20-BF_Nss2,(MCS0)_4TX EBW

2462MHz

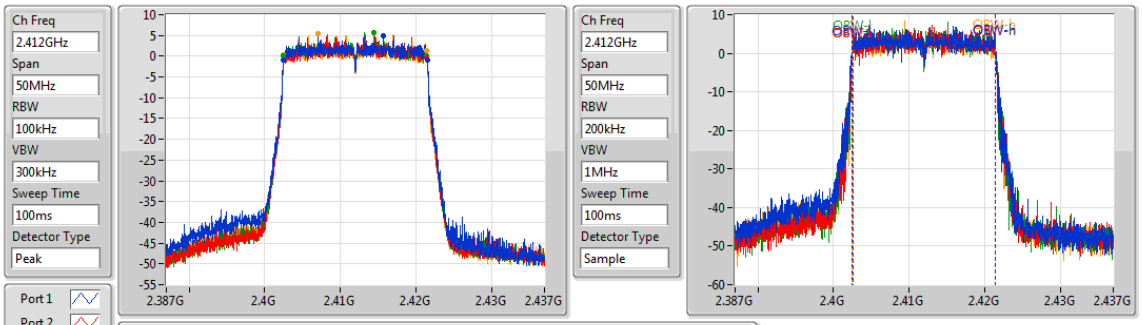


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.575M	2.4532G	2.470775G	17.766M	2.453079G	2.470846G	500k	1
17.575M	2.4532G	2.470775G	17.766M	2.453079G	2.470846G	500k	2
17.525M	2.4532G	2.470725G	17.791M	2.453029G	2.470821G	500k	3
17.625M	2.453175G	2.4708G	17.816M	2.453079G	2.470896G	500k	4

HE20,BF_Nss2,(MCS0)_4TX — EBW

2412MHz

26/01/2018

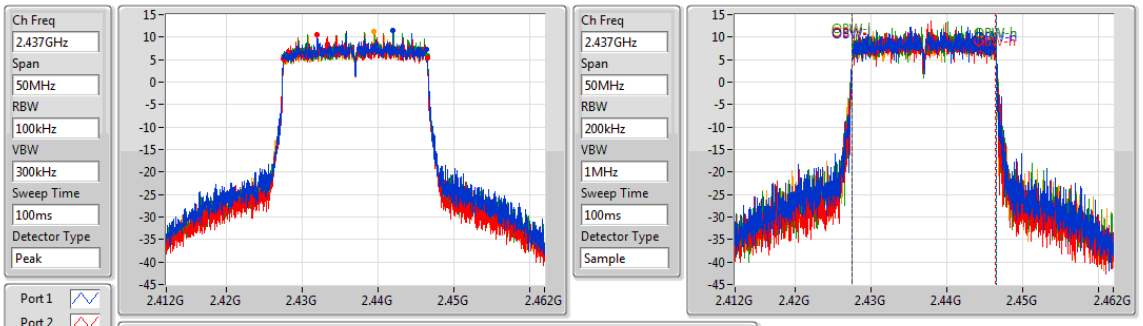


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.1M	2.402475G	2.421575G	18.991M	2.40248G	2.42147G	500k	1
18.975M	2.402475G	2.42145G	18.941M	2.40253G	2.42147G	500k	2
18.925M	2.402525G	2.42145G	18.891M	2.40253G	2.42142G	500k	3
18.875M	2.402525G	2.4214G	18.941M	2.402505G	2.421445G	500k	4

HE20,BF_Nss2,(MCS0)_4TX — EBW

2437MHz

26/01/2018

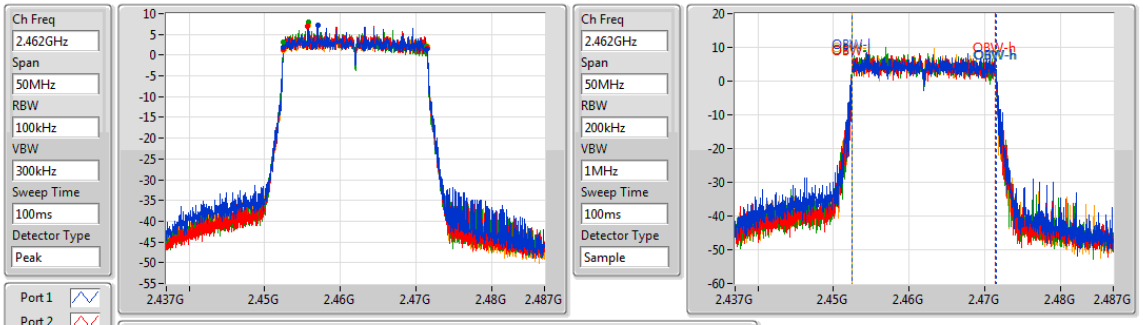


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.85M	2.427575G	2.446425G	18.991M	2.427505G	2.446495G	500k	1
19M	2.4275G	2.4465G	18.966M	2.427505G	2.44647G	500k	2
18.9M	2.427575G	2.446475G	18.991M	2.427505G	2.446495G	500k	3
18.975M	2.4275G	2.446475G	18.991M	2.427505G	2.446495G	500k	4

HE20,BF_Nss2,(MCS0)_4TX — EBW

2462MHz

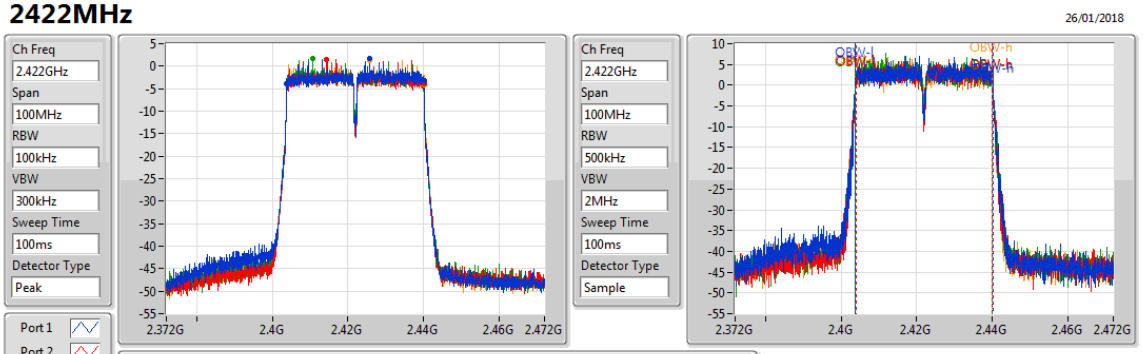
26/01/2018



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.95M	2.4525G	2.47145G	19.015M	2.45248G	2.471495G	500k	1
19M	2.452475G	2.471475G	18.966M	2.45248G	2.471445G	500k	2
18.85M	2.4525G	2.47135G	18.991M	2.45243G	2.47142G	500k	3
19.05M	2.452425G	2.471475G	19.015M	2.452455G	2.47147G	500k	4

802.11ac VHT40-BF_Nss2,(MCS0)_4TX EBW

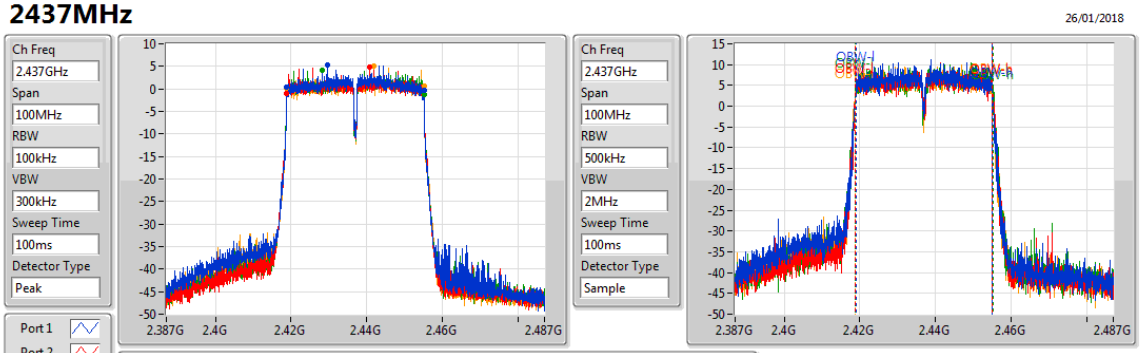
2422MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.35M	2.4038G	2.44015G	36.282M	2.403859G	2.440141G	500k	1
36.3M	2.40385G	2.44015G	36.132M	2.403909G	2.440041G	500k	2
36.35M	2.4038G	2.44015G	36.282M	2.403809G	2.440091G	500k	3
36.4M	2.4038G	2.4402G	36.232M	2.403859G	2.440091G	500k	4

802.11ac VHT40-BF_Nss2,(MCS0)_4TX EBW

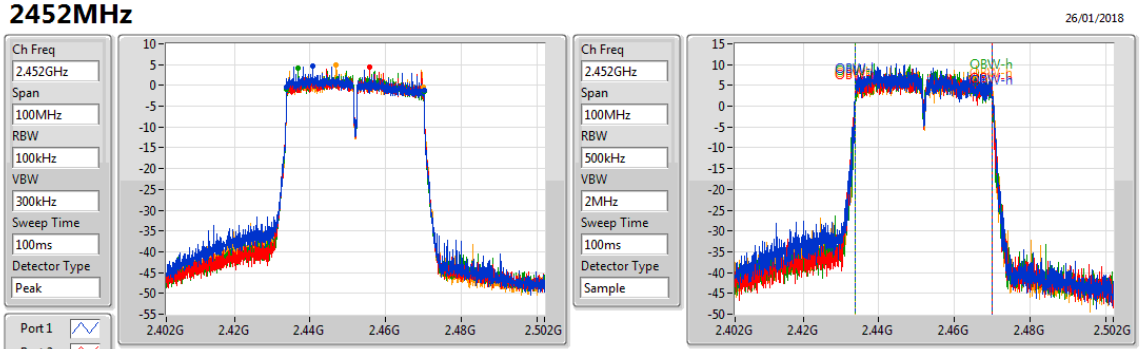
2437MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.3M	2.41885G	2.45515G	36.082M	2.418909G	2.454991G	500k	1
36.35M	2.4188G	2.45515G	36.232M	2.418859G	2.455091G	500k	2
36.4M	2.4188G	2.4552G	36.332M	2.418859G	2.455191G	500k	3
36.3M	2.41885G	2.45515G	36.282M	2.418809G	2.455091G	500k	4

802.11ac VHT40-BF_Nss2,(MCS0)_4TX EBW

2452MHz

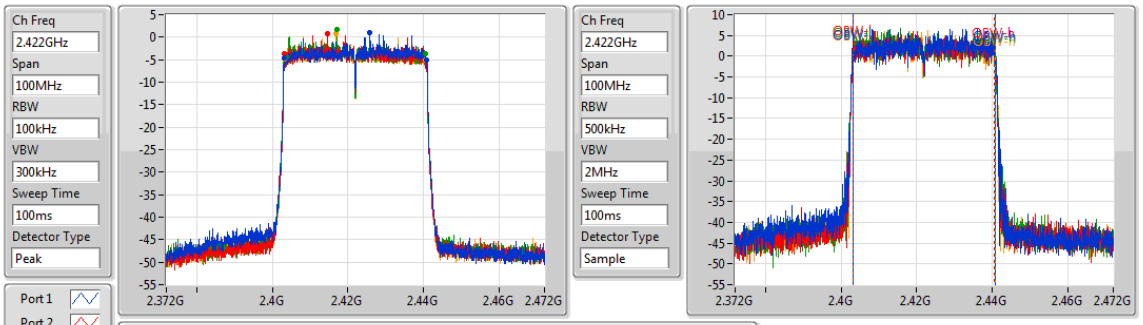


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.35M	2.4338G	2.47015G	36.232M	2.433809G	2.470041G	500k	1
36.3M	2.43385G	2.47015G	36.232M	2.433809G	2.470041G	500k	2
36.35M	2.4338G	2.47015G	36.082M	2.433859G	2.469941G	500k	3
36.25M	2.43385G	2.4701G	36.232M	2.433859G	2.470091G	500k	4

HE40,BF_Nss2,(MCS0)_4TX — EBW

2422MHz

26/01/2018

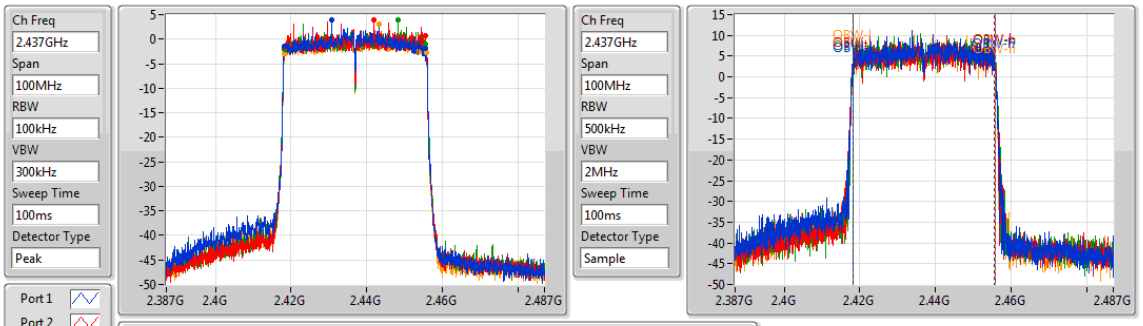


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.6M	2.40315G	2.44075G	37.631M	2.403159G	2.440791G	500k	1
37.5M	2.4032G	2.4407G	37.431M	2.403209G	2.440641G	500k	2
36.75M	2.4038G	2.44055G	37.581M	2.403159G	2.440741G	500k	3
37.35M	2.40325G	2.4406G	37.531M	2.403209G	2.440741G	500k	4

HE40,BF_Nss2,(MCS0)_4TX — EBW

2437MHz

26/01/2018

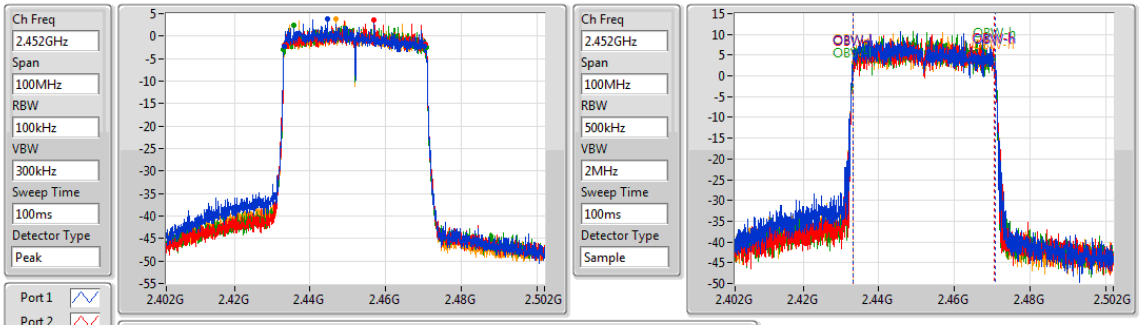


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.3M	2.41815G	2.45545G	37.431M	2.418209G	2.455641G	500k	1
37.2M	2.4183G	2.4555G	37.631M	2.418159G	2.455791G	500k	2
37.3M	2.4182G	2.4555G	37.631M	2.418159G	2.455791G	500k	3
37.6M	2.4182G	2.4558G	37.531M	2.418159G	2.455691G	500k	4

HE40,BF_Nss2,(MCS0)_4TX — EBW

2452MHz

26/01/2018



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.1M	2.43315G	2.47025G	37.481M	2.433209G	2.470691G	500k	1
37.4M	2.43315G	2.47055G	37.481M	2.433159G	2.470641G	500k	2
37.75M	2.43305G	2.4708G	37.431M	2.433259G	2.470691G	500k	3
37.45M	2.4332G	2.47065G	37.481M	2.433159G	2.470641G	500k	4

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	28.00	0.63096
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	25.47	0.35237
HE20,BF_Nss1,(MCS0)_4TX	27.90	0.61660
HE40,BF_Nss1,(MCS0)_4TX	25.47	0.35237
802.11ac VHT20-BF_Nss2,(MCS0)_4TX	29.80	0.95499
802.11ac VHT40-BF_Nss2,(MCS0)_4TX	27.33	0.54075
HE20,BF_Nss2,(MCS0)_4TX	29.80	0.95499
HE40,BF_Nss2,(MCS0)_4TX	26.37	0.43351

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	7.96	20.32	19.95	20.28	19.73	26.10	28.04
2417MHz	Pass	7.96	21.94	21.63	21.91	21.55	27.78	28.04
2422MHz	Pass	7.96	22.16	21.85	22.12	21.69	27.98	28.04
2437MHz	Pass	7.96	22.28	21.93	21.95	21.74	28.00	28.04
2452MHz	Pass	7.96	21.95	21.83	21.98	21.86	27.93	28.04
2457MHz	Pass	7.96	21.94	21.66	21.82	21.74	27.81	28.04
2462MHz	Pass	7.96	19.47	19.34	19.68	19.31	25.47	28.04
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	7.96	15.41	15.13	15.62	15.07	21.33	28.04
2437MHz	Pass	7.96	19.36	18.82	19.31	18.79	25.10	28.04
2452MHz	Pass	7.96	19.59	19.23	19.76	19.18	25.47	28.04
2427MHz	Pass	7.96	16.25	16.08	16.42	16.04	22.22	28.04
2432MHz	Pass	7.96	18.43	18.26	18.38	17.89	24.27	28.04
HE20,BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	7.96	18.16	17.83	18.19	17.81	24.02	28.04
2417MHz	Pass	7.96	21.66	20.87	21.32	21.02	27.25	28.04
2422MHz	Pass	7.96	21.95	21.63	21.97	21.56	27.80	28.04
2437MHz	Pass	7.96	22.06	21.75	22.07	21.61	27.90	28.04
2452MHz	Pass	7.96	21.84	21.63	22.12	21.59	27.82	28.04
2457MHz	Pass	7.96	20.79	20.71	20.84	20.63	26.76	28.04
2462MHz	Pass	7.96	19.06	18.69	18.92	18.82	24.90	28.04
HE40,BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	7.96	16.86	16.68	17.02	16.71	22.84	28.04
2437MHz	Pass	7.96	19.74	19.31	19.55	19.18	25.47	28.04
2452MHz	Pass	7.96	19.52	18.87	19.34	19.02	25.22	28.04
2427MHz	Pass	7.96	15.81	15.52	15.92	15.46	21.70	28.04
2432MHz	Pass	7.96	17.25	16.86	17.26	16.81	23.07	28.04
802.11ac VHT20-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	4.95	19.73	19.39	19.95	19.45	25.66	30.00
2417MHz	Pass	4.95	22.64	22.07	22.46	22.15	28.36	30.00
2422MHz	Pass	4.95	23.62	23.23	23.51	23.04	29.38	30.00

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
2437MHz	Pass	4.95	24.05	23.54	23.83	23.67	29.80	30.00
2452MHz	Pass	4.95	23.49	22.95	23.21	23.13	29.22	30.00
2457MHz	Pass	4.95	22.16	21.79	22.12	21.85	28.00	30.00
2462MHz	Pass	4.95	20.62	20.43	20.79	20.58	26.63	30.00
802.11ac VHT40-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	4.95	17.57	17.32	17.67	17.34	23.50	30.00
2437MHz	Pass	4.95	21.59	21.09	21.38	21.15	27.33	30.00
2452MHz	Pass	4.95	20.67	20.21	20.48	20.18	26.41	30.00
2427MHz	Pass	4.95	18.41	18.26	18.56	18.03	24.34	30.00
2432MHz	Pass	4.95	19.58	19.23	19.65	19.19	25.44	30.00
HE20,BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	4.95	19.95	19.74	19.78	19.59	25.79	30.00
2417MHz	Pass	4.95	21.84	21.37	21.65	21.41	27.59	30.00
2422MHz	Pass	4.95	23.45	23.08	23.23	22.87	29.18	30.00
2427MHz	Pass	4.95	24.03	23.54	23.88	23.65	29.80	30.00
2437MHz	Pass	4.95	23.84	23.60	23.80	23.54	29.72	30.00
2452MHz	Pass	4.95	23.42	23.38	23.48	23.25	29.40	30.00
2457MHz	Pass	4.95	22.53	22.41	22.62	22.21	28.47	30.00
2462MHz	Pass	4.95	19.85	19.64	19.94	19.71	25.81	30.00
HE40,BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	4.95	17.42	17.14	17.55	17.12	23.33	30.00
2437MHz	Pass	4.95	20.52	20.17	20.64	20.02	26.37	30.00
2452MHz	Pass	4.95	19.85	19.24	19.47	19.35	25.50	30.00
2427MHz	Pass	4.95	18.43	18.18	18.45	18.06	24.30	30.00
2432MHz	Pass	4.95	18.11	17.89	18.34	17.81	24.06	30.00

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

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	1.92
HE20,BF_Nss1,(MCS0)_4TX	1.06
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-4.22
HE40,BF_Nss1,(MCS0)_4TX	-5.71
802.11ac VHT20-BF_Nss2,(MCS0)_4TX	2.02
HE20,BF_Nss2,(MCS0)_4TX	1.72
802.11ac VHT40-BF_Nss2,(MCS0)_4TX	-1.96
HE40,BF_Nss2,(MCS0)_4TX	-2.80

RBW=3kHz.

Result

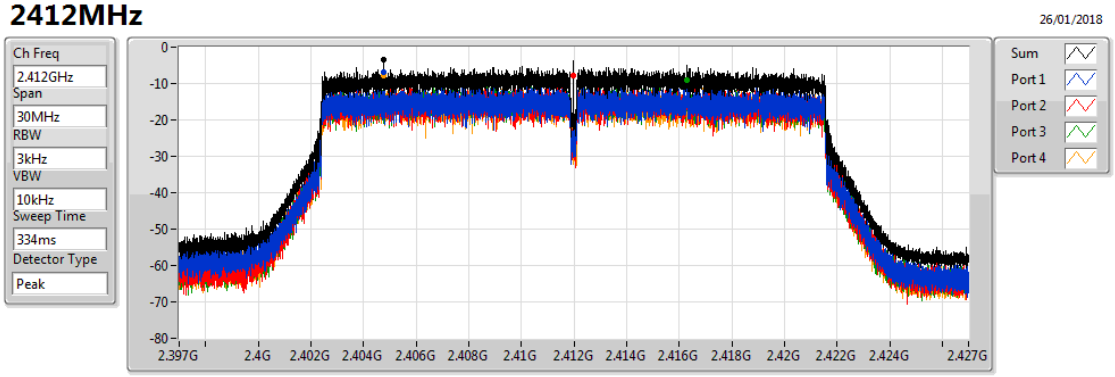
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	7.96	-5.22	-1.88	-5.06	-6.29	0.30	6.04
2437MHz	Pass	7.96	-3.45	-3.22	-3.65	-3.94	1.92	6.04
2462MHz	Pass	7.96	-6.58	-4.32	-5.29	-6.49	-1.18	6.04
HE20,BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	7.96	-6.94	-7.78	-9.04	-7.82	-3.57	6.04
2437MHz	Pass	7.96	-5.67	-3.78	-3.65	-4.19	1.06	6.04
2462MHz	Pass	7.96	-6.06	-4.62	-5.18	-7.03	-1.73	6.04
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	7.96	-13.39	-13.79	-12.31	-13.90	-8.88	6.04
2437MHz	Pass	7.96	-9.68	-10.09	-9.78	-10.41	-5.56	6.04
2452MHz	Pass	7.96	-9.30	-9.46	-8.92	-10.36	-4.22	6.04
HE40,BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	7.96	-11.21	-12.30	-9.86	-11.98	-6.34	6.04
2437MHz	Pass	7.96	-10.57	-11.27	-11.03	-11.07	-5.86	6.04
2452MHz	Pass	7.96	-9.77	-11.17	-9.94	-11.34	-5.71	6.04
802.11ac VHT20-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	4.95	-6.64	-3.82	-5.97	-6.27	-1.02	8.00
2437MHz	Pass	4.95	-2.42	-1.79	-2.89	-2.84	2.02	8.00
2462MHz	Pass	4.95	-4.81	-3.77	-4.43	-5.26	-0.12	8.00
HE20,BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	4.95	-6.32	-2.37	-6.56	-6.95	-0.27	8.00
2437MHz	Pass	4.95	-2.85	-3.50	-2.92	-3.43	1.72	8.00
2462MHz	Pass	4.95	-4.36	-5.13	-5.32	-6.53	0.34	8.00
802.11ac VHT40-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	4.95	-11.35	-10.96	-11.20	-11.97	-6.30	8.00
2437MHz	Pass	4.95	-6.50	-6.16	-6.45	-7.77	-1.96	8.00
2452MHz	Pass	4.95	-8.11	-8.46	-8.39	-9.04	-3.98	8.00
HE40,BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	4.95	-11.63	-10.68	-10.28	-11.97	-5.84	8.00
2437MHz	Pass	4.95	-7.70	-8.77	-8.33	-7.47	-2.80	8.00

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
2452MHz	Pass	4.95	-9.18	-9.79	-10.17	-9.81	-4.24	8.00

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

HE20,BF_Nss1,(MCS0)_4TX **PSD**

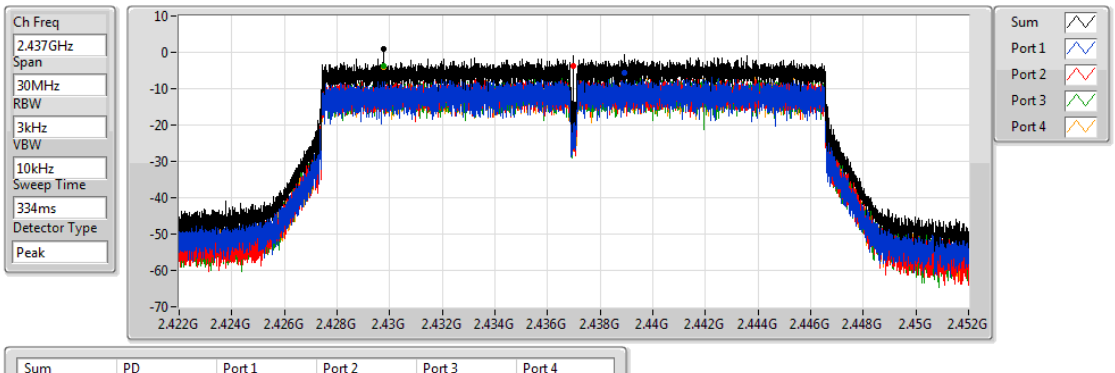
2412MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.57	-3.57	-6.94	-7.78	-9.04	-7.82

HE20,BF_Nss1,(MCS0)_4TX **PSD**

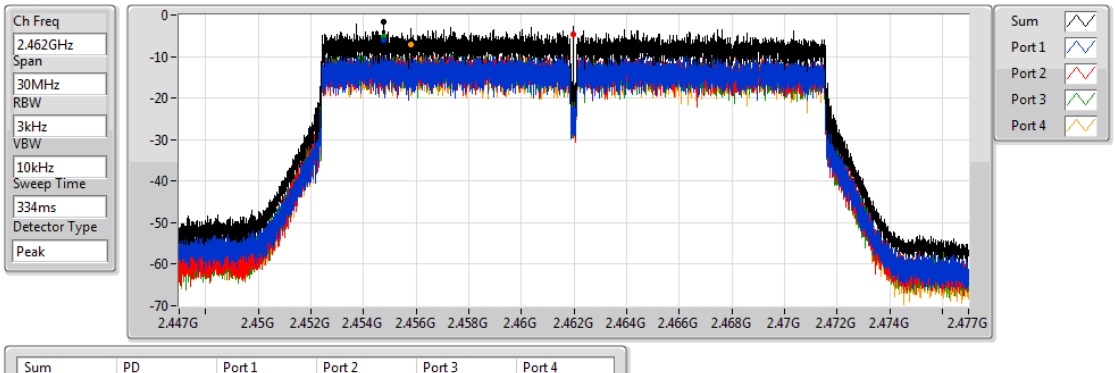
2437MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.06	1.06	-5.67	-3.78	-3.65	-4.19

HE20,BF_Nss1,(MCS0)_4TX **PSD**

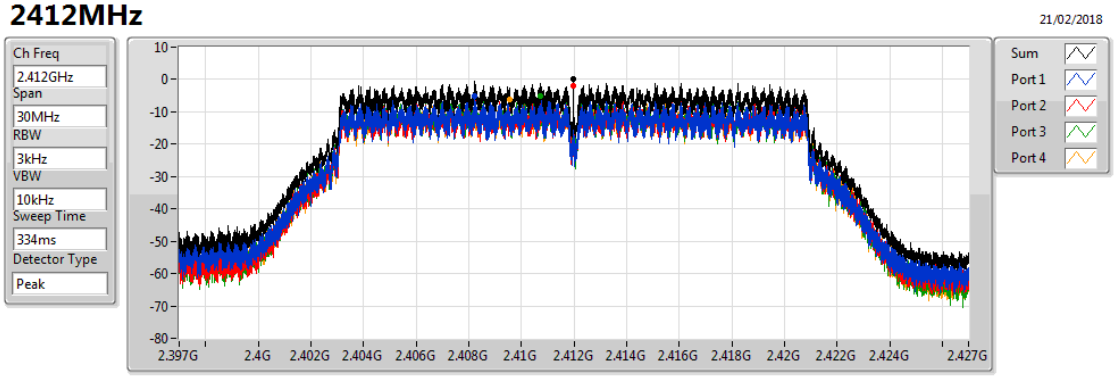
2462MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.73	-1.73	-6.06	-4.62	-5.18	-7.03

802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

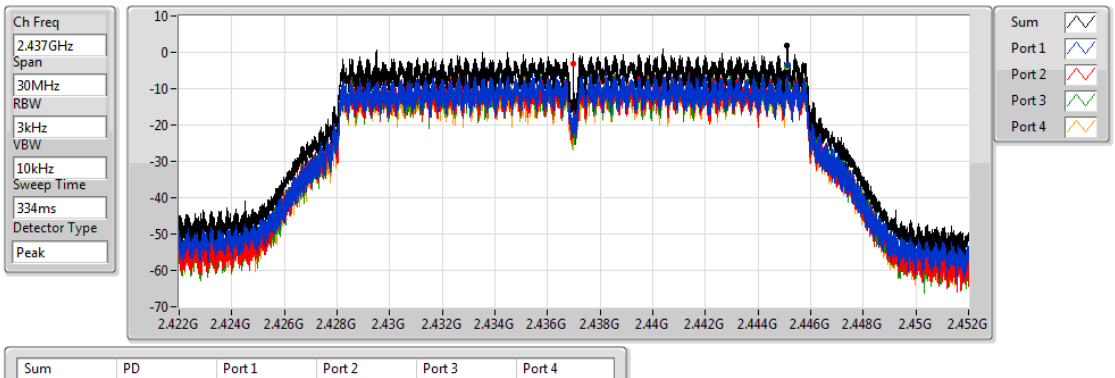
2412MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.30	0.30	-5.22	-1.88	-5.06	-6.29

802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

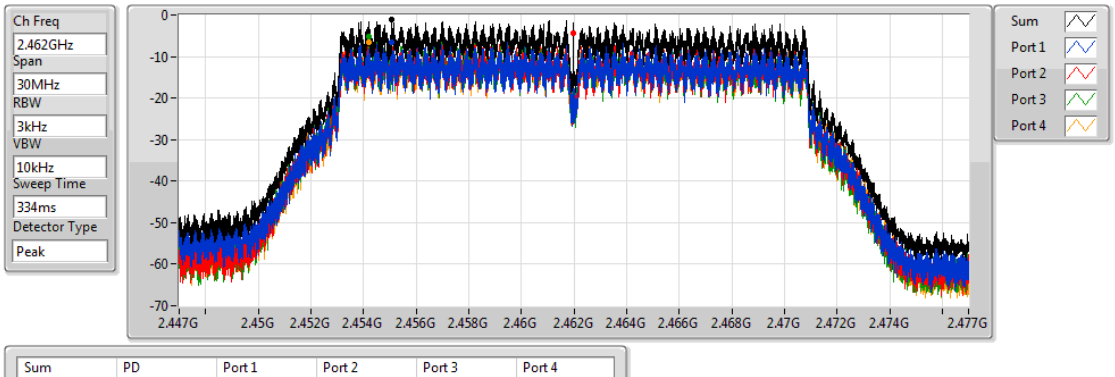
2437MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.92	1.92	-3.45	-3.22	-3.65	-3.94

802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

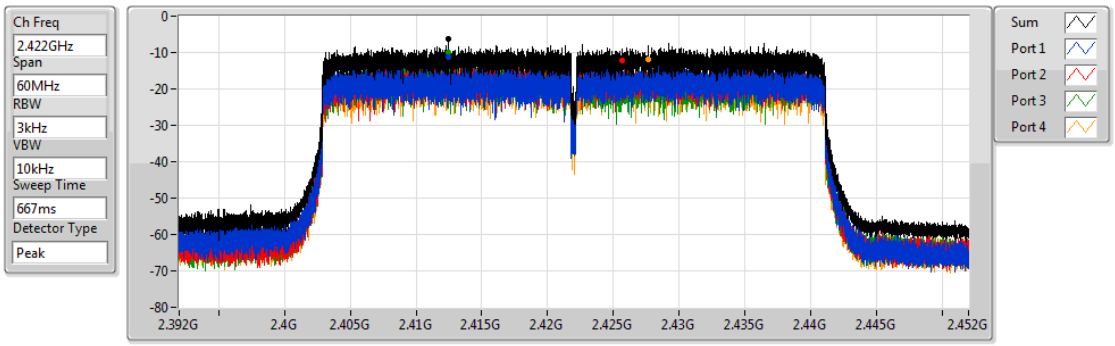
2462MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.18	-1.18	-6.58	-4.32	-5.29	-6.49

HE40,BF_Nss1,(MCS0)_4TX PSD

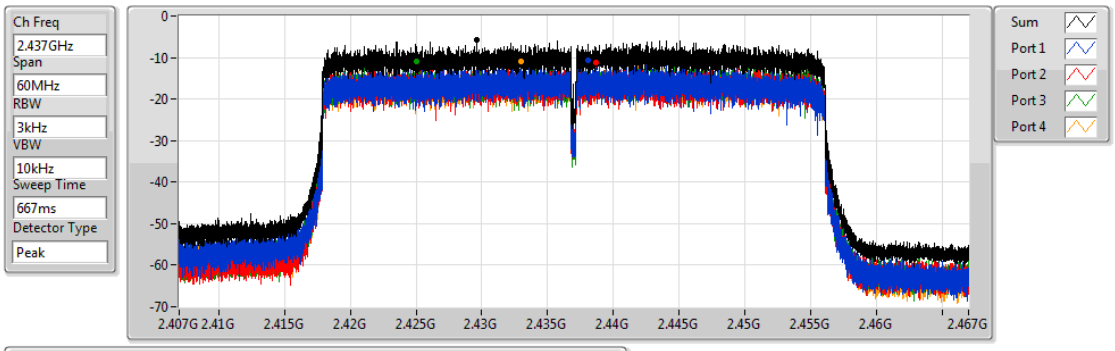
2422MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.34	-6.34	-11.21	-12.30	-9.86	-11.98

HE40,BF_Nss1,(MCS0)_4TX PSD

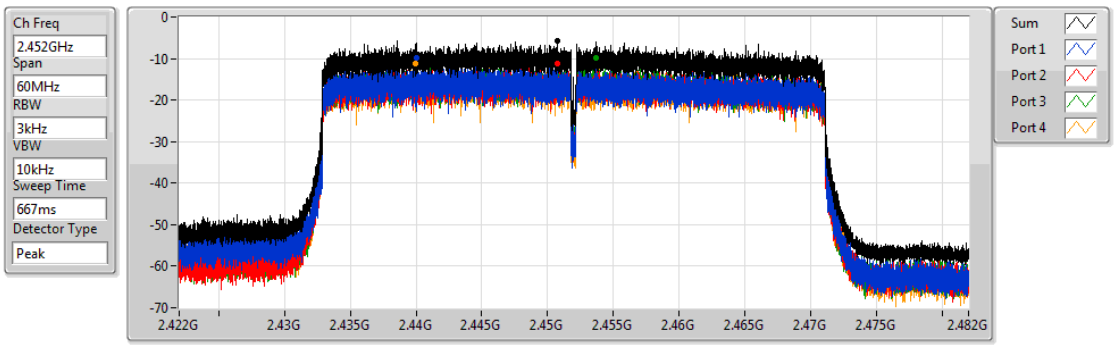
2437MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.86	-5.86	-10.57	-11.27	-11.03	-11.07

HE40,BF_Nss1,(MCS0)_4TX PSD

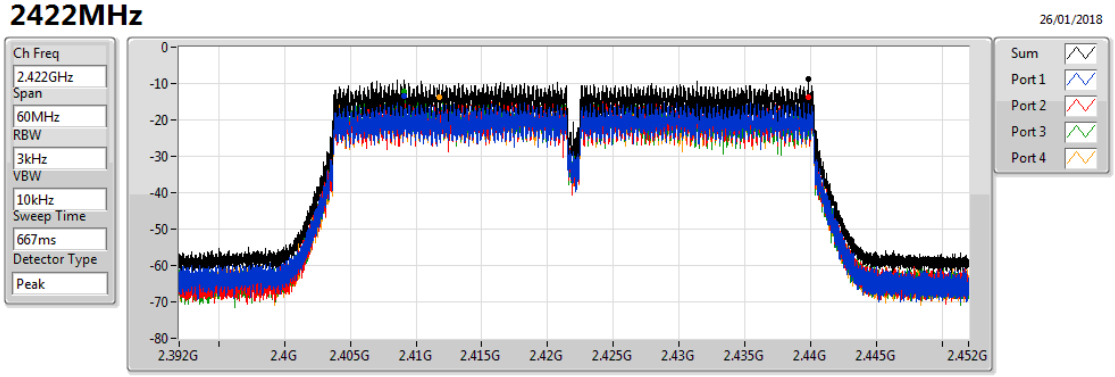
2452MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.71	-5.71	-9.77	-11.17	-9.94	-11.34

802.11ac VHT40-BF_Nss1,(MCS0)_4TX PSD

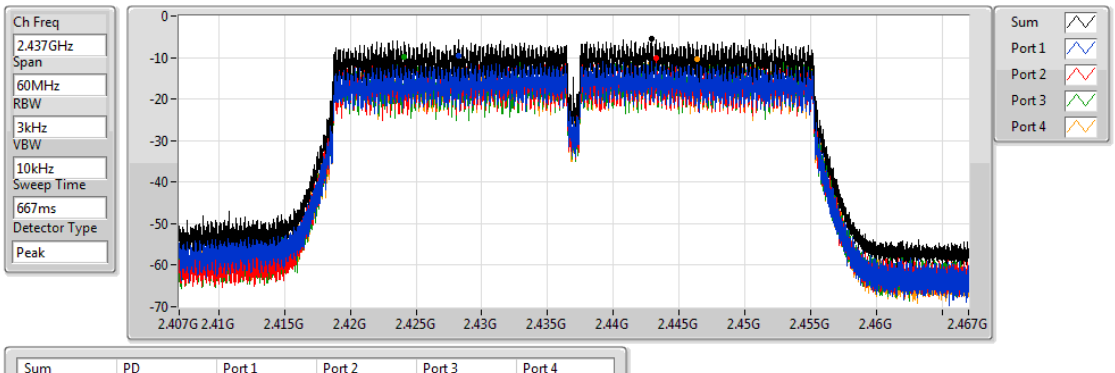
2422MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.88	-8.88	-13.39	-13.79	-12.31	-13.90

802.11ac VHT40-BF_Nss1,(MCS0)_4TX PSD

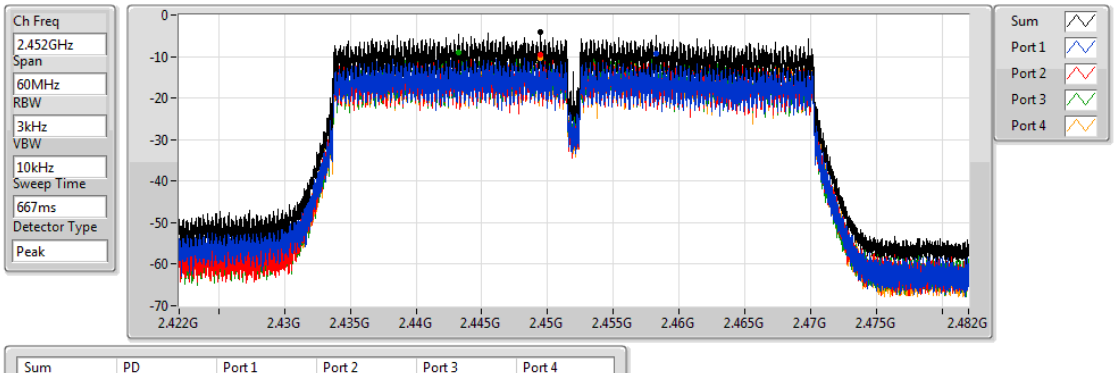
2437MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.56	-5.56	-9.68	-10.09	-9.78	-10.41

802.11ac VHT40-BF_Nss1,(MCS0)_4TX PSD

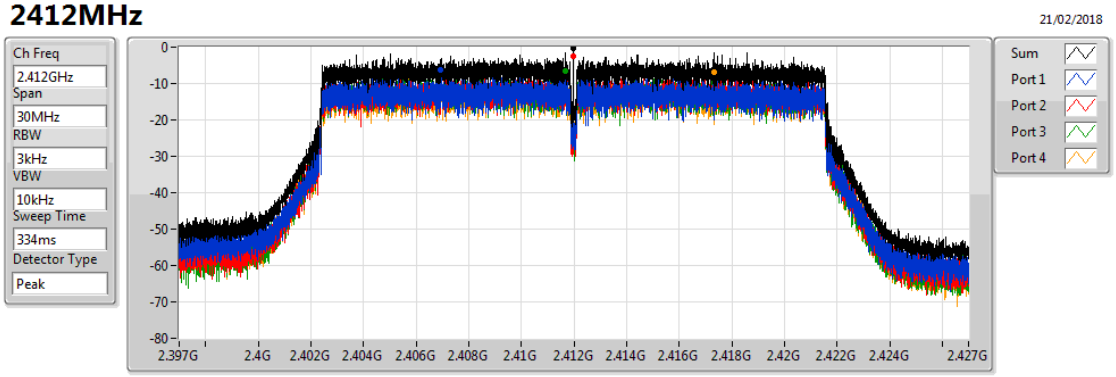
2452MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.22	-4.22	-9.30	-9.46	-8.92	-10.36

HE20,BF_Nss2,(MCS0)_4TX PSD

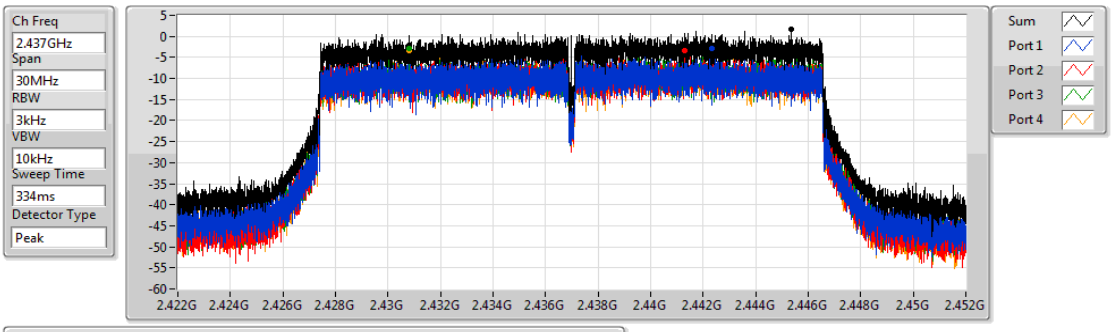
2412MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.27	-0.27	-6.32	-2.37	-6.56	-6.95

HE20,BF_Nss2,(MCS0)_4TX PSD

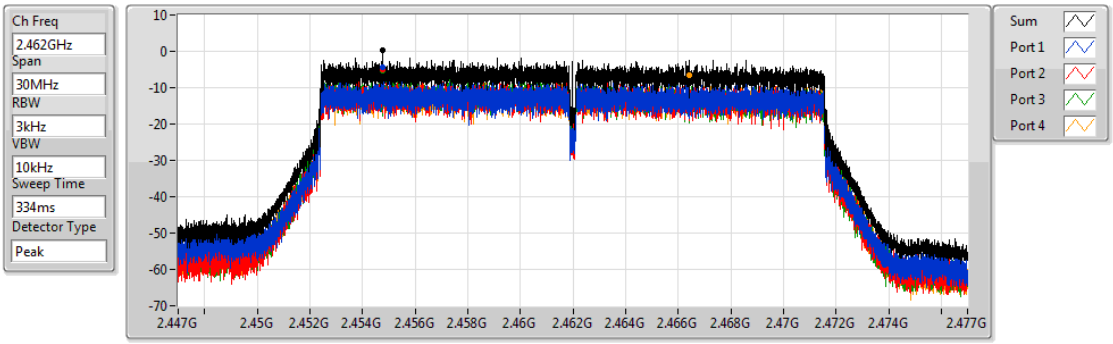
2437MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.72	1.72	-2.85	-3.50	-2.92	-3.43

HE20,BF_Nss2,(MCS0)_4TX PSD

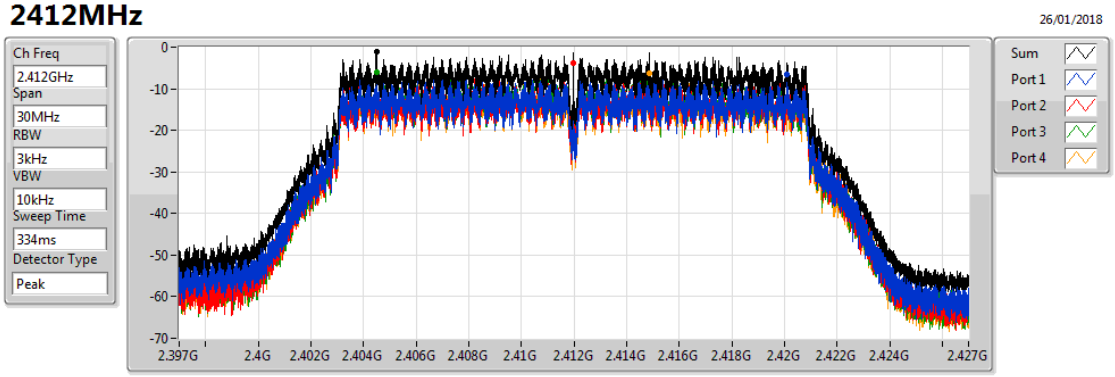
2462MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.34	0.34	-4.36	-5.13	-5.32	-6.53

802.11ac VHT20-BF_Nss2,(MCS0)_4TX PSD

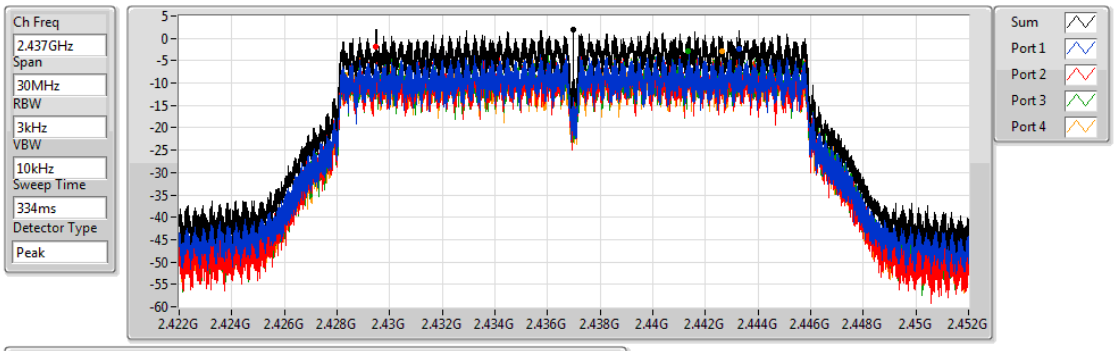
2412MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.02	-1.02	-6.64	-3.82	-5.97	-6.27

802.11ac VHT20-BF_Nss2,(MCS0)_4TX PSD

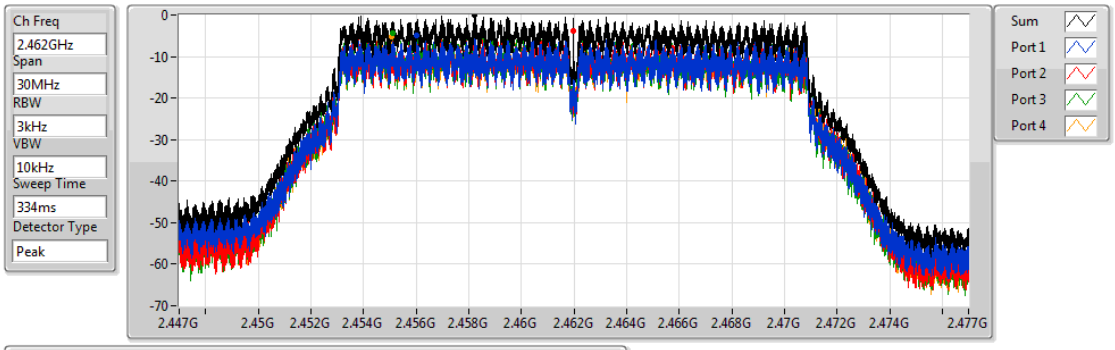
2437MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.02	2.02	-2.42	-1.79	-2.89	-2.84

802.11ac VHT20-BF_Nss2,(MCS0)_4TX PSD

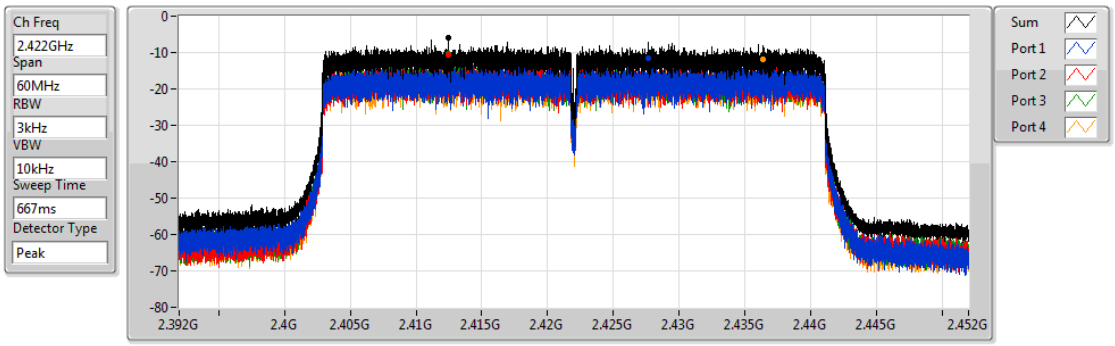
2462MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.12	-0.12	-4.81	-3.77	-4.43	-5.26

HE40,BF_Nss2,(MCS0)_4TX PSD

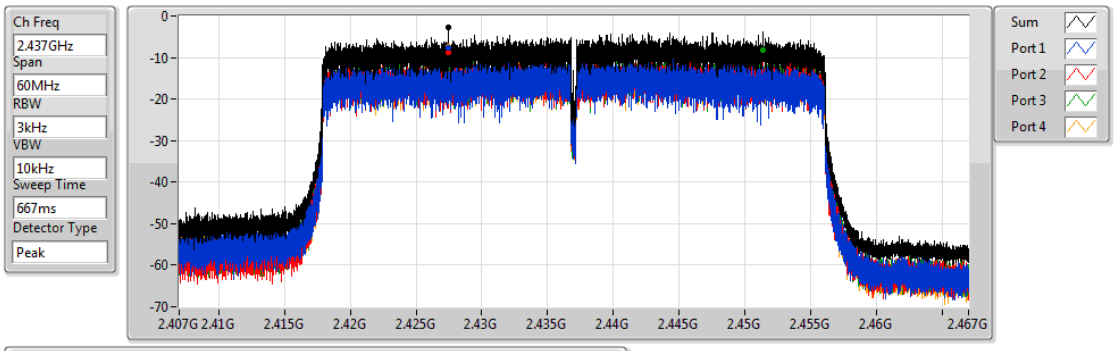
2422MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.84	-5.84	-11.63	-10.68	-10.28	-11.97

HE40,BF_Nss2,(MCS0)_4TX PSD

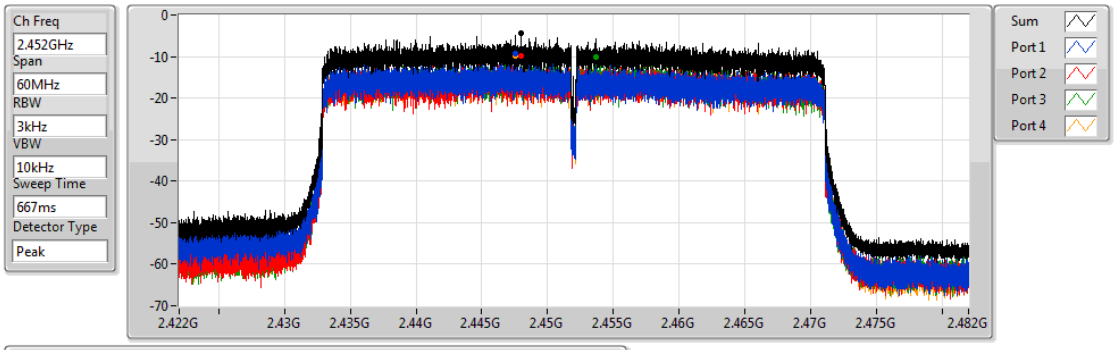
2437MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.80	-2.80	-7.70	-8.77	-8.33	-7.47

HE40,BF_Nss2,(MCS0)_4TX PSD

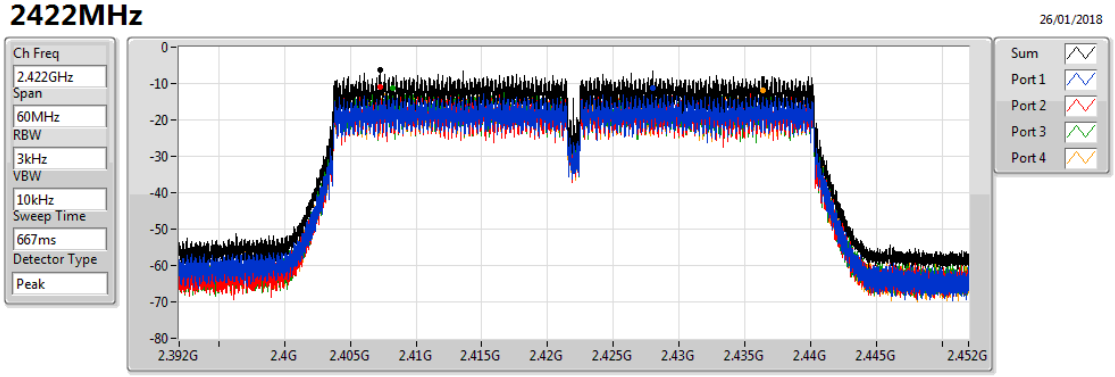
2452MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.24	-4.24	-9.18	-9.79	-10.17	-9.81

802.11ac VHT40-BF_Nss2,(MCS0)_4TX PSD

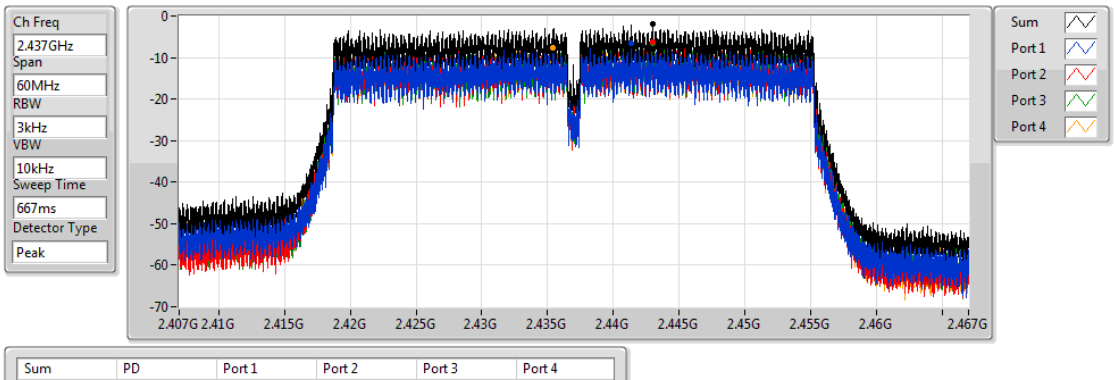
2422MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.30	-6.30	-11.35	-10.96	-11.20	-11.97

802.11ac VHT40-BF_Nss2,(MCS0)_4TX PSD

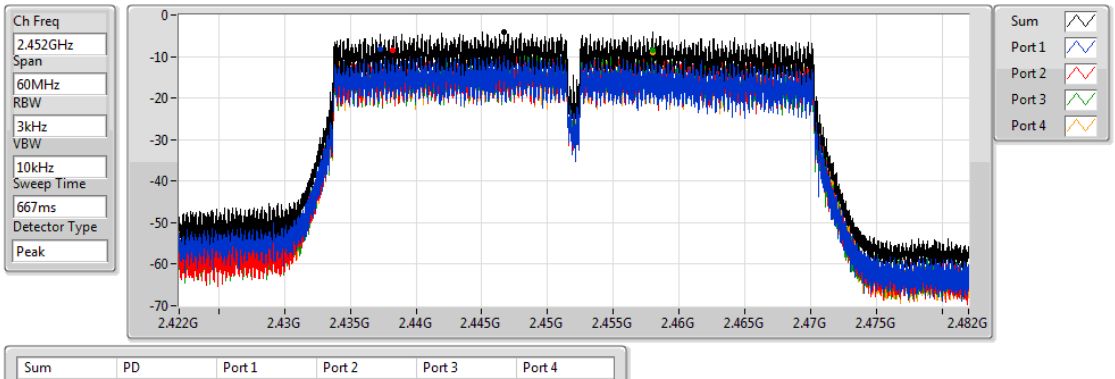
2437MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.96	-1.96	-6.50	-6.16	-6.45	-7.77

802.11ac VHT40-BF_Nss2,(MCS0)_4TX PSD

2452MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.98	-3.98	-8.11	-8.46	-8.39	-9.04

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)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	Pass	2.441917G	8.90	-21.10	710.36M	-55.72	2.39952G	-36.33	2.48374G	-53.68	24.370658G	-52.13	1
HE20,BF_Nss1,(MCS0)_4TX	Pass	2.439412G	8.39	-21.61	657.935M	-57.32	2.39704G	-39.29	2.48614G	-55.93	24.409992G	-52.48	1
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	Pass	2.429392G	2.90	-27.10	1.968485G	-28.70	2.39616G	-44.58	2.4851G	-48.06	6.930204G	-52.55	3
HE40,BF_Nss1,(MCS0)_4TX	Pass	2.451937G	3.00	-27.00	561.28M	-57.70	2.39824G	-41.31	2.48414G	-49.95	24.399824G	-51.95	1
802.11ac VHT20-BF_Nss2,(MCS0)_4TX	Pass	2.431897G	10.03	-19.97	922.39M	-57.51	2.39952G	-34.78	2.48462G	-54.52	24.988762G	-52.42	1
HE20,BF_Nss2,(MCS0)_4TX	Pass	2.441917G	11.09	-18.91	577.55M	-57.52	2.39968G	-38.93	2.48454G	-55.92	21.47119G	-51.70	1
802.11ac VHT40-BF_Nss2,(MCS0)_4TX	Pass	2.439412G	5.38	-24.62	881.88M	-57.04	2.39952G	-36.42	2.48686G	-48.42	6.975077G	-53.10	4
HE40,BF_Nss2,(MCS0)_4TX	Pass	2.441917G	4.13	-25.87	849.82M	-57.14	2.39984G	-41.43	2.48654G	-49.36	6.972272G	-52.26	1

Result

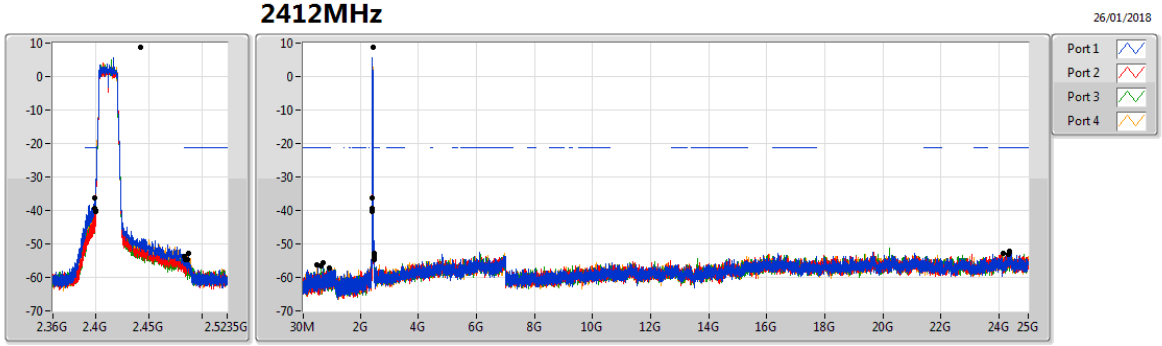
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.441917G	8.90	-21.10	710.36M	-55.72	2.39952G	-36.33	2.48374G	-53.68	24.370658G	-52.13	1
2412MHz	Pass	2.441917G	8.90	-21.10	916.565M	-57.26	2.3996G	-39.50	2.48678G	-54.67	24.339753G	-52.43	2
2412MHz	Pass	2.441917G	8.90	-21.10	654.44M	-56.62	2.39992G	-39.85	2.48462G	-54.72	24.331324G	-53.01	3
2412MHz	Pass	2.441917G	8.90	-21.10	506.485M	-56.10	2.39992G	-40.21	2.48718G	-52.79	24.143083G	-52.84	4
2437MHz	Pass	2.441917G	8.90	-21.10	775.6M	-56.86	2.39616G	-49.10	2.48502G	-51.80	6.968228G	-52.32	1
2437MHz	Pass	2.441917G	8.90	-21.10	386.49M	-56.90	2.39936G	-49.30	2.48486G	-51.43	6.993514G	-51.93	2
2437MHz	Pass	2.441917G	8.90	-21.10	2.086225G	-57.03	2.39896G	-48.43	2.48358G	-51.56	24.334134G	-52.27	3
2437MHz	Pass	2.441917G	8.90	-21.10	955.01M	-57.58	2.39784G	-49.66	2.48542G	-51.44	24.401563G	-51.88	4
2462MHz	Pass	2.441917G	8.90	-21.10	534.445M	-57.68	2.39808G	-51.62	2.48502G	-45.24	16.683695G	-52.75	1
2462MHz	Pass	2.441917G	8.90	-21.10	2.30408G	-57.57	2.39696G	-52.47	2.48526G	-45.92	15.323867G	-53.09	2
2462MHz	Pass	2.441917G	8.90	-21.10	959.67M	-57.55	2.3972G	-51.91	2.48366G	-44.20	24.320086G	-52.73	3
2462MHz	Pass	2.441917G	8.90	-21.10	620.655M	-57.29	2.39888G	-51.48	2.48574G	-46.65	6.959799G	-52.67	4
HE20,BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.439412G	8.39	-21.61	657.935M	-57.32	2.39704G	-39.29	2.48614G	-55.93	24.409992G	-52.48	1
2412MHz	Pass	2.439412G	8.39	-21.61	802.395M	-57.76	2.39992G	-42.47	2.48558G	-55.50	6.912037G	-52.26	2
2412MHz	Pass	2.439412G	8.39	-21.61	547.26M	-56.70	2.39992G	-42.22	2.48958G	-55.22	24.29199G	-52.17	3
2412MHz	Pass	2.439412G	8.39	-21.61	676.575M	-56.82	2.39992G	-41.61	2.48358G	-54.95	16.58817G	-52.74	4
2437MHz	Pass	2.439412G	8.39	-21.61	2.300585G	-56.59	2.39984G	-48.87	2.48382G	-51.41	24.35661G	-53.13	1
2437MHz	Pass	2.439412G	8.39	-21.61	522.795M	-56.42	2.3976G	-49.77	2.48502G	-51.95	6.428792G	-52.61	2
2437MHz	Pass	2.439412G	8.39	-21.61	748.805M	-57.24	2.39576G	-48.82	2.4859G	-51.11	6.855845G	-52.39	3
2437MHz	Pass	2.439412G	8.39	-21.61	812.88M	-56.79	2.39856G	-49.93	2.48582G	-52.34	6.990704G	-52.05	4
2462MHz	Pass	2.439412G	8.39	-21.61	506.485M	-56.43	2.39696G	-51.93	2.48462G	-41.31	24.342562G	-52.33	1
2462MHz	Pass	2.439412G	8.39	-21.61	2.309905G	-56.84	2.39528G	-52.86	2.48374G	-43.79	24.35661G	-52.18	2
2462MHz	Pass	2.439412G	8.39	-21.61	536.775M	-57.23	2.39928G	-51.30	2.48358G	-42.21	24.362229G	-51.99	3
2462MHz	Pass	2.439412G	8.39	-21.61	2.30874G	-56.87	2.39728G	-52.51	2.4839G	-43.88	24.449326G	-52.15	4
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.429392G	2.90	-27.10	876.155M	-57.24	2.39952G	-45.15	2.48366G	-55.58	6.9891G	-52.76	1
2422MHz	Pass	2.429392G	2.90	-27.10	723.87M	-56.76	2.39824G	-47.69	2.48494G	-54.72	6.983491G	-52.50	2
2422MHz	Pass	2.429392G	2.90	-27.10	897.91M	-57.52	2.39984G	-47.21	2.48766G	-54.02	6.428187G	-53.13	3
2422MHz	Pass	2.429392G	2.90	-27.10	834.935M	-57.11	2.39712G	-48.35	2.48446G	-54.33	24.39141G	-52.11	4
2437MHz	Pass	2.429392G	2.90	-27.10	2.309695G	-56.67	2.3984G	-40.90	2.48574G	-50.61	24.321296G	-52.20	1
2437MHz	Pass	2.429392G	2.90	-27.10	798.295M	-57.28	2.3976G	-45.36	2.48558G	-50.02	24.32971G	-51.50	2
2437MHz	Pass	2.429392G	2.90	-27.10	1.968485G	-28.70	2.39616G	-44.58	2.4851G	-48.06	6.930204G	-52.55	3
2437MHz	Pass	2.429392G	2.90	-27.10	2.30397G	-56.76	2.3992G	-44.86	2.48526G	-50.06	23.373354G	-52.39	4

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2452MHz	Pass	2.429392G	2.90	-27.10	529.22M	-57.72	2.39952G	-46.58	2.48718G	-46.49	6.997513G	-53.01	1
2452MHz	Pass	2.429392G	2.90	-27.10	556.7M	-57.09	2.39584G	-47.38	2.48686G	-47.00	24.035231G	-52.87	2
2452MHz	Pass	2.429392G	2.90	-27.10	30M	-56.83	2.39968G	-48.84	2.48382G	-47.26	6.975077G	-52.18	3
2452MHz	Pass	2.429392G	2.90	-27.10	2.30168G	-57.42	2.39584G	-48.81	2.48414G	-47.90	24.248377G	-52.42	4
HE40,BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.451937G	3.00	-27.00	720.435M	-57.36	2.396G	-45.63	2.48494G	-55.35	24.357755G	-52.61	1
2422MHz	Pass	2.451937G	3.00	-27.00	923.1M	-57.66	2.39952G	-48.78	2.4867G	-54.79	6.803999G	-53.06	2
2422MHz	Pass	2.451937G	3.00	-27.00	844.095M	-56.89	2.3976G	-48.71	2.48526G	-55.18	24.043644G	-52.56	3
2422MHz	Pass	2.451937G	3.00	-27.00	944.855M	-56.83	2.39776G	-47.91	2.4859G	-54.87	24.39141G	-52.13	4
2437MHz	Pass	2.451937G	3.00	-27.00	561.28M	-57.70	2.39824G	-41.31	2.48414G	-49.95	24.399824G	-51.95	1
2437MHz	Pass	2.451937G	3.00	-27.00	2.307405G	-56.91	2.39616G	-45.28	2.48574G	-49.55	24.42226G	-52.42	2
2437MHz	Pass	2.451937G	3.00	-27.00	30M	-57.49	2.39968G	-43.32	2.4851G	-48.24	24.394215G	-52.14	3
2437MHz	Pass	2.451937G	3.00	-27.00	500.595M	-56.44	2.39728G	-43.69	2.48398G	-50.21	24.307273G	-52.27	4
2452MHz	Pass	2.451937G	3.00	-27.00	885.315M	-56.95	2.39968G	-47.23	2.4867G	-47.99	24.312882G	-52.56	1
2452MHz	Pass	2.451937G	3.00	-27.00	920.81M	-57.54	2.39536G	-48.61	2.48814G	-45.64	24.318491G	-51.90	2
2452MHz	Pass	2.451937G	3.00	-27.00	904.78M	-57.28	2.39328G	-48.51	2.48382G	-46.65	24.388605G	-52.41	3
2452MHz	Pass	2.451937G	3.00	-27.00	541.815M	-56.61	2.39856G	-48.70	2.48382G	-48.20	6.273936G	-52.75	4
802.11ac VHT20-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.431897G	10.03	-19.97	922.39M	-57.51	2.39952G	-34.78	2.48462G	-54.52	24.988762G	-52.42	1
2412MHz	Pass	2.431897G	10.03	-19.97	2.18525G	-56.94	2.39976G	-38.45	2.4859G	-52.24	24.030701G	-52.49	2
2412MHz	Pass	2.431897G	10.03	-19.97	878.12M	-57.50	2.39952G	-37.58	2.48646G	-53.61	6.653557G	-52.82	3
2412MHz	Pass	2.431897G	10.03	-19.97	677.74M	-57.14	2.3996G	-35.85	2.48414G	-52.66	6.987895G	-52.50	4
2437MHz	Pass	2.431897G	10.03	-19.97	2.193405G	-57.42	2.39736G	-46.77	2.48398G	-50.28	24.660043G	-52.47	1
2437MHz	Pass	2.431897G	10.03	-19.97	2.167775G	-57.45	2.39416G	-48.03	2.48494G	-51.28	24.730282G	-52.85	2
2437MHz	Pass	2.431897G	10.03	-19.97	957.34M	-56.96	2.3992G	-46.44	2.4839G	-49.89	24.35661G	-53.00	3
2437MHz	Pass	2.431897G	10.03	-19.97	2.309905G	-57.54	2.39624G	-47.72	2.48558G	-47.93	6.465316G	-52.32	4
2462MHz	Pass	2.431897G	10.03	-19.97	2.307575G	-57.46	2.39696G	-50.68	2.48358G	-40.04	6.926084G	-52.05	1
2462MHz	Pass	2.431897G	10.03	-19.97	793.075M	-56.33	2.3992G	-51.39	2.48406G	-42.25	24.438088G	-52.37	2
2462MHz	Pass	2.431897G	10.03	-19.97	928.215M	-56.80	2.3984G	-51.72	2.4839G	-44.35	24.03913G	-53.02	3
2462MHz	Pass	2.431897G	10.03	-19.97	2.307575G	-56.56	2.39912G	-51.86	2.4839G	-43.69	6.965418G	-52.96	4
HE20,BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.441917G	11.09	-18.91	577.55M	-57.52	2.39968G	-38.93	2.48454G	-55.92	21.47119G	-51.70	1
2412MHz	Pass	2.441917G	11.09	-18.91	909.575M	-57.30	2.39992G	-41.47	2.48982G	-55.22	24.379087G	-52.37	2
2412MHz	Pass	2.441917G	11.09	-18.91	1.960405G	-56.24	2.39984G	-41.29	2.48414G	-55.81	24.825807G	-52.45	3
2412MHz	Pass	2.441917G	11.09	-18.91	911.905M	-56.81	2.39704G	-39.80	2.48366G	-53.81	24.348182G	-52.94	4
2437MHz	Pass	2.441917G	11.09	-18.91	667.255M	-57.25	2.39984G	-42.88	2.48382G	-49.48	24.398754G	-52.43	1
2437MHz	Pass	2.441917G	11.09	-18.91	895.595M	-56.07	2.3996G	-45.16	2.48406G	-49.92	24.011034G	-52.55	2
2437MHz	Pass	2.441917G	11.09	-18.91	1.972055G	-46.02	2.39728G	-45.14	2.48782G	-49.66	21.504904G	-52.57	3
2437MHz	Pass	2.441917G	11.09	-18.91	513.475M	-56.84	2.3996G	-44.52	2.48502G	-50.09	24.331324G	-53.06	4
2462MHz	Pass	2.441917G	11.09	-18.91	921.225M	-56.54	2.39984G	-50.63	2.48462G	-39.96	24.370658G	-52.56	1
2462MHz	Pass	2.441917G	11.09	-18.91	2.305245G	-56.96	2.3984G	-51.34	2.48646G	-42.93	21.507714G	-52.40	2
2462MHz	Pass	2.441917G	11.09	-18.91	2.30874G	-57.51	2.39896G	-52.44	2.48414G	-42.74	2.52631G	-45.81	3
2462MHz	Pass	2.441917G	11.09	-18.91	541.435M	-56.62	2.39912G	-52.57	2.48366G	-42.49	24.384706G	-52.74	4
802.11ac VHT40-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.439412G	5.38	-24.62	954.015M	-56.18	2.39904G	-41.30	2.48446G	-54.15	6.902158G	-52.45	1
2422MHz	Pass	2.439412G	5.38	-24.62	886.46M	-57.04	2.39984G	-45.46	2.48382G	-52.81	24.96915G	-52.20	2
2422MHz	Pass	2.439412G	5.38	-24.62	888.75M	-57.19	2.39728G	-44.25	2.48654G	-53.11	24.997195G	-52.81	3
2422MHz	Pass	2.439412G	5.38	-24.62	569.295M	-56.94	2.39984G	-43.27	2.48782G	-53.69	24.315687G	-53.13	4
2437MHz	Pass	2.439412G	5.38	-24.62	878.445M	-56.76	2.3984G	-37.37	2.48382G	-47.80	6.980686G	-52.04	1

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2437MHz	Pass	2.439412G	5.38	-24.62	30M	-56.91	2.39888G	-41.81	2.48638G	-48.63	24.36056G	-52.92	2
2437MHz	Pass	2.439412G	5.38	-24.62	32.29M	-55.95	2.3992G	-41.89	2.48446G	-46.85	21.533561G	-52.07	3
2437MHz	Pass	2.439412G	5.38	-24.62	881.88M	-57.04	2.39952G	-36.42	2.48686G	-48.42	6.975077G	-53.10	4
2452MHz	Pass	2.439412G	5.38	-24.62	31.145M	-57.07	2.39904G	-45.87	2.48478G	-42.92	24.321296G	-52.43	1
2452MHz	Pass	2.439412G	5.38	-24.62	952.87M	-57.22	2.39472G	-49.64	2.4883G	-45.68	24.223136G	-52.37	2
2452MHz	Pass	2.439412G	5.38	-24.62	604.79M	-57.08	2.39904G	-48.26	2.4875G	-45.40	24.326905G	-52.58	3
2452MHz	Pass	2.439412G	5.38	-24.62	30M	-56.50	2.39696G	-48.41	2.48718G	-45.14	24.326905G	-52.39	4
HE40,BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.441917G	4.13	-25.87	952.87M	-57.39	2.392G	-43.35	2.48398G	-53.80	24.517615G	-52.67	1
2422MHz	Pass	2.441917G	4.13	-25.87	791.425M	-56.01	2.39952G	-46.47	2.48414G	-54.20	6.955445G	-52.87	2
2422MHz	Pass	2.441917G	4.13	-25.87	823.485M	-57.67	2.39664G	-47.18	2.48478G	-54.03	24.492374G	-52.47	3
2422MHz	Pass	2.441917G	4.13	-25.87	933.405M	-57.00	2.39984G	-45.88	2.4843G	-54.32	24.3241G	-52.52	4
2437MHz	Pass	2.441917G	4.13	-25.87	849.82M	-57.14	2.39984G	-41.43	2.48654G	-49.36	6.972272G	-52.26	1
2437MHz	Pass	2.441917G	4.13	-25.87	855.545M	-57.03	2.39824G	-42.28	2.48766G	-48.99	6.181386G	-52.20	2
2437MHz	Pass	2.441917G	4.13	-25.87	912.795M	-57.03	2.39824G	-42.09	2.48494G	-48.10	24.276423G	-52.22	3
2437MHz	Pass	2.441917G	4.13	-25.87	773.105M	-57.13	2.39936G	-42.67	2.48382G	-49.38	6.966663G	-52.91	4
2452MHz	Pass	2.441917G	4.13	-25.87	507.465M	-57.69	2.39808G	-46.78	2.48366G	-45.27	6.994709G	-52.63	1
2452MHz	Pass	2.441917G	4.13	-25.87	513.19M	-57.20	2.39936G	-47.19	2.48638G	-45.83	24.439088G	-52.08	2
2452MHz	Pass	2.441917G	4.13	-25.87	864.705M	-57.49	2.39824G	-48.67	2.4843G	-46.13	24.385801G	-52.05	3
2452MHz	Pass	2.441917G	4.13	-25.87	2.199775G	-57.22	2.39856G	-47.82	2.48446G	-49.32	24.248377G	-51.84	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX **CSE NdB**

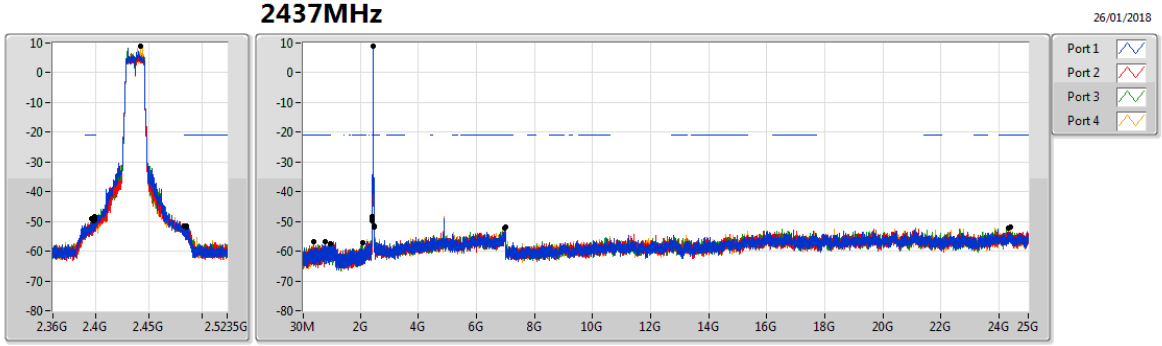
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.441917G	8.90	-21.10	710.36M	-55.72	2.39952G	-36.33	2.48374G	-53.68	24.370658G	-52.13	1
2.441917G	8.90	-21.10	916.565M	-57.26	2.3996G	-39.50	2.48678G	-54.67	24.339753G	-52.43	2
2.441917G	8.90	-21.10	654.44M	-56.62	2.39992G	-39.85	2.48462G	-54.72	24.331324G	-53.01	3
2.441917G	8.90	-21.10	506.485M	-56.10	2.39992G	-40.21	2.48718G	-52.79	24.143083G	-52.84	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX **CSE NdB**

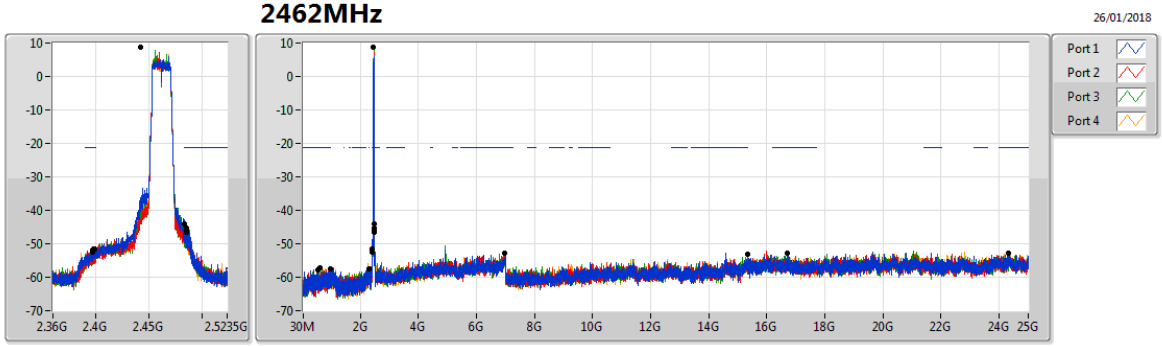
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.441917G	8.90	-21.10	775.6M	-56.86	2.39616G	-49.10	2.48502G	-51.80	6.968228G	-52.32	1
2.441917G	8.90	-21.10	386.49M	-56.90	2.39936G	-49.30	2.48486G	-51.43	6.993514G	-51.93	2
2.441917G	8.90	-21.10	2.086225G	-57.03	2.39896G	-48.43	2.48358G	-51.56	24.334134G	-52.27	3
2.441917G	8.90	-21.10	955.01M	-57.58	2.39784G	-49.66	2.48542G	-51.44	24.401563G	-51.88	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX **CSE NdB**

2462MHz

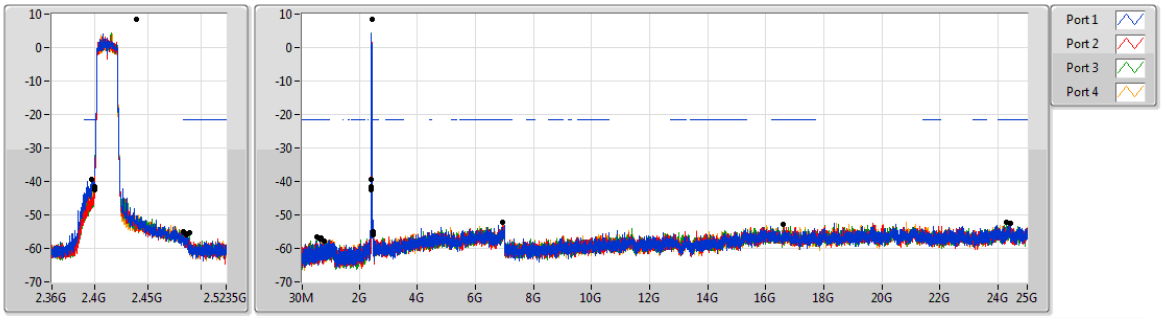


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.441917G	8.90	-21.10	534.445M	-57.68	2.39808G	-51.62	2.48502G	-45.24	16.683695G	-52.75	1
2.441917G	8.90	-21.10	2.30408G	-57.57	2.39696G	-52.47	2.48526G	-45.92	15.323867G	-53.09	2
2.441917G	8.90	-21.10	959.67M	-57.55	2.3972G	-51.91	2.48366G	-44.20	24.320886G	-52.73	3
2.441917G	8.90	-21.10	620.655M	-57.29	2.39888G	-51.48	2.48574G	-46.65	6.959799G	-52.67	4

HE20,BF_Nss1,(MCS0)_4TX **CSE NdB**

2412MHz

26/01/2018

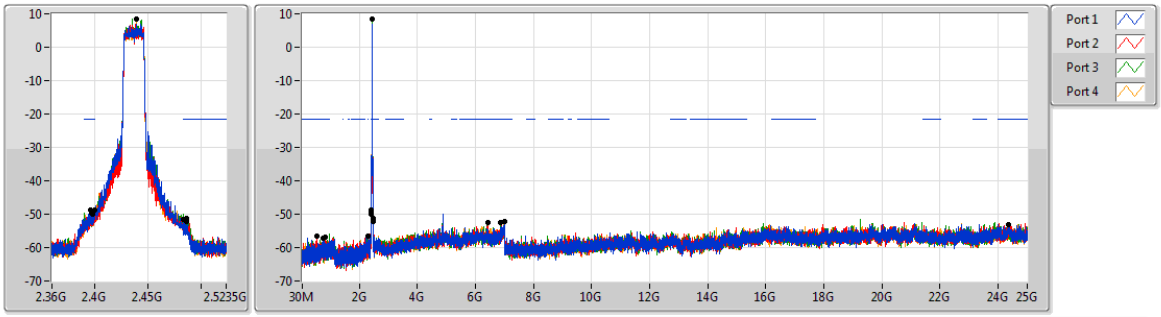


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.439412G	8.39	-21.61	657.935M	-57.32	2.39704G	-39.29	2.48614G	-55.93	24.409992G	-52.48	1
2.439412G	8.39	-21.61	802.395M	-57.76	2.39992G	-42.47	2.48558G	-55.50	6.912037G	-52.26	2
2.439412G	8.39	-21.61	547.26M	-56.70	2.39992G	-42.22	2.48958G	-55.22	24.29199G	-52.17	3
2.439412G	8.39	-21.61	676.575M	-56.82	2.39992G	-41.61	2.48358G	-54.95	16.58817G	-52.74	4

HE20,BF_Nss1,(MCS0)_4TX **CSE NdB**

2437MHz

26/01/2018

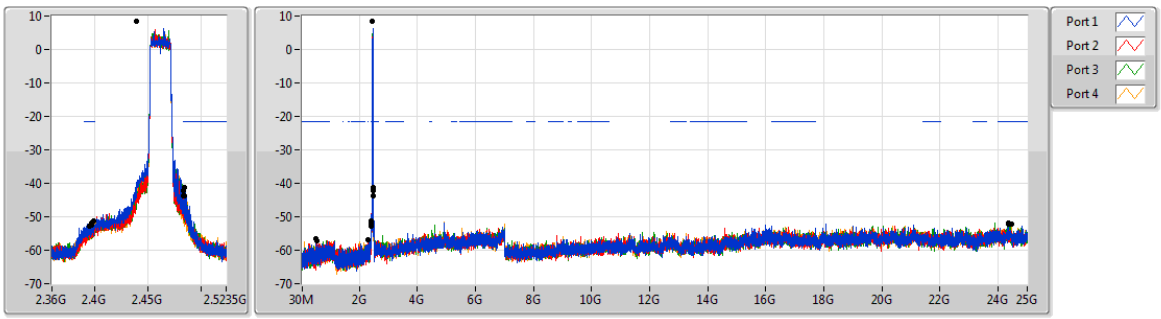


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.439412G	8.39	-21.61	2.300585G	-56.59	2.39984G	-48.87	2.48382G	-51.41	24.35661G	-53.13	1
2.439412G	8.39	-21.61	522.795M	-56.42	2.3976G	-49.77	2.48502G	-51.95	6.428792G	-52.61	2
2.439412G	8.39	-21.61	748.805M	-57.24	2.39576G	-48.82	2.4859G	-51.11	6.855845G	-52.39	3
2.439412G	8.39	-21.61	812.88M	-56.79	2.39856G	-49.93	2.48582G	-52.34	6.990704G	-52.05	4

HE20,BF_Nss1,(MCS0)_4TX **CSE NdB**

2462MHz

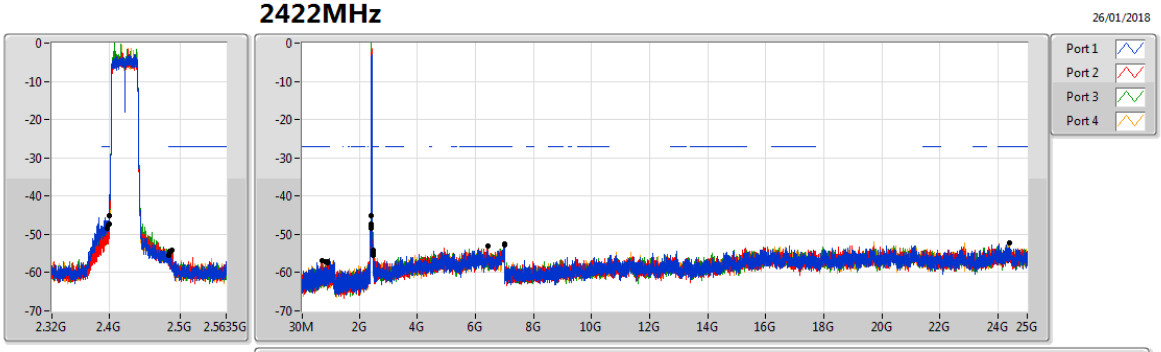
26/01/2018



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.439412G	8.39	-21.61	506.485M	-56.43	2.39696G	-51.93	2.48462G	-41.31	24.342562G	-52.33	1
2.439412G	8.39	-21.61	2.309905G	-56.84	2.39528G	-52.86	2.48374G	-43.79	24.35661G	-52.18	2
2.439412G	8.39	-21.61	536.775M	-57.23	2.39928G	-51.30	2.48358G	-42.21	24.362229G	-51.99	3
2.439412G	8.39	-21.61	2.30874G	-56.87	2.39728G	-52.51	2.4839G	-43.88	24.449326G	-52.15	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX **CSE NdB**

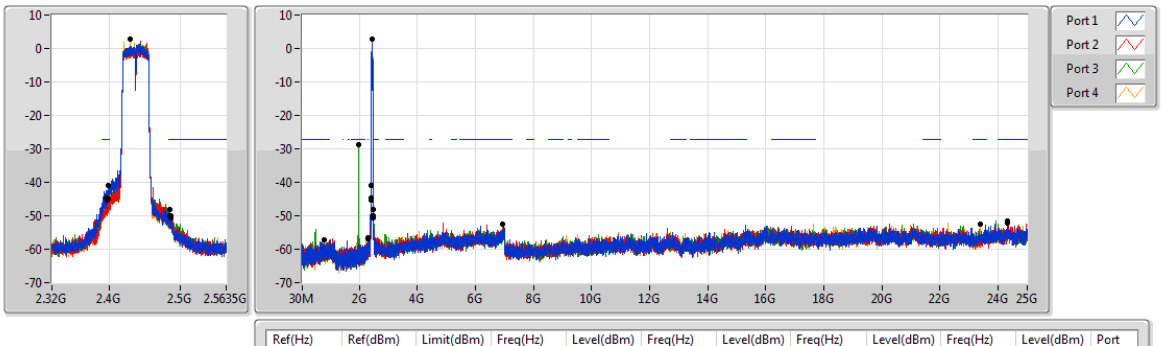
2422MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.429392G	2.90	-27.10	876.155M	-57.24	2.39952G	-45.15	2.48366G	-55.58	6.9891G	-52.76	1
2.429392G	2.90	-27.10	723.87M	-56.76	2.39824G	-47.69	2.48494G	-54.72	6.983491G	-52.50	2
2.429392G	2.90	-27.10	897.91M	-57.52	2.39984G	-47.21	2.48766G	-54.02	6.428187G	-53.13	3
2.429392G	2.90	-27.10	834.935M	-57.11	2.39712G	-48.35	2.48446G	-54.33	24.39141G	-52.11	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX **CSE NdB**

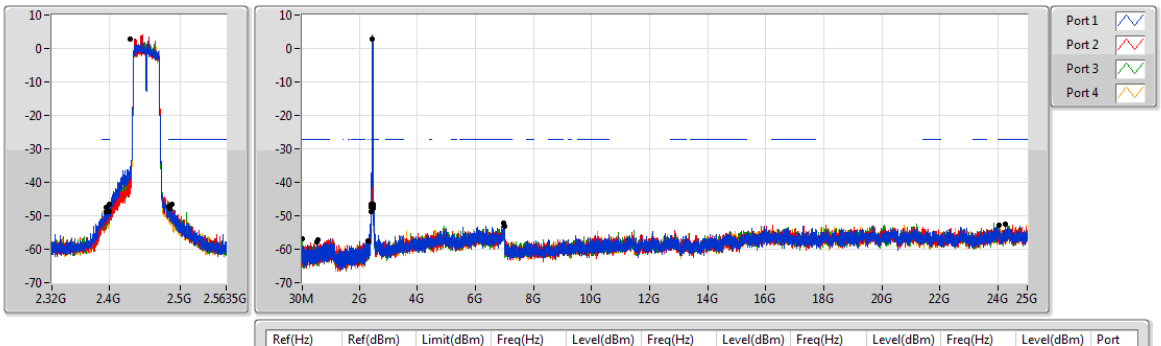
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.429392G	2.90	-27.10	2.309695G	-56.67	2.3984G	-40.90	2.48574G	-50.61	24.321296G	-52.20	1
2.429392G	2.90	-27.10	798.295M	-57.28	2.3976G	-45.36	2.48558G	-50.02	24.32971G	-51.50	2
2.429392G	2.90	-27.10	1.968485G	-28.70	2.39616G	-44.58	2.4851G	-48.06	6.930204G	-52.55	3
2.429392G	2.90	-27.10	2.30397G	-56.76	2.3992G	-44.86	2.48526G	-50.06	23.373354G	-52.39	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX **CSE NdB**

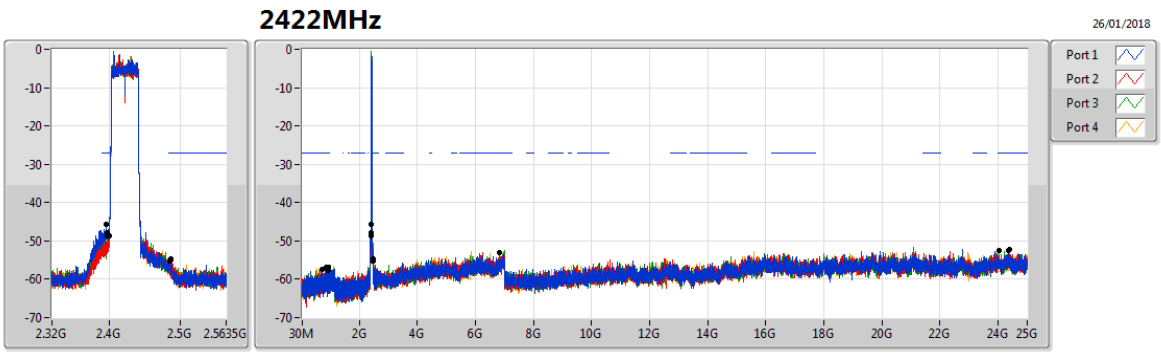
2452MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.429392G	2.90	-27.10	529.22M	-57.72	2.39952G	-46.58	2.48718G	-46.49	6.997513G	-53.01	1
2.429392G	2.90	-27.10	556.7M	-57.09	2.39584G	-47.38	2.48686G	-47.00	24.035231G	-52.87	2
2.429392G	2.90	-27.10	30M	-56.83	2.39968G	-48.84	2.48382G	-47.26	6.975077G	-52.18	3
2.429392G	2.90	-27.10	2.30168G	-57.42	2.39584G	-48.81	2.48414G	-47.90	24.248377G	-52.42	4

HE40,BF_Nss1,(MCS0)_4TX **CSE NdB**

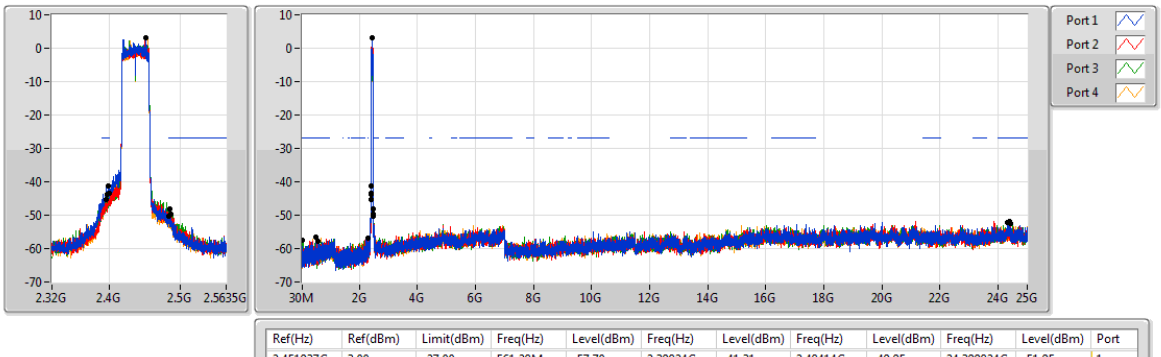
2422MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.451937G	3.00	-27.00	720.435M	-57.36	2.396G	-45.63	2.48494G	-55.35	24.357755G	-52.61	1
2.451937G	3.00	-27.00	923.1M	-57.66	2.39952G	-48.78	2.4867G	-54.79	6.803999G	-53.06	2
2.451937G	3.00	-27.00	844.095M	-56.89	2.3976G	-48.71	2.48526G	-55.18	24.043644G	-52.56	3
2.451937G	3.00	-27.00	944.855M	-56.83	2.39776G	-47.91	2.4859G	-54.87	24.39141G	-52.13	4

HE40,BF_Nss1,(MCS0)_4TX **CSE NdB**

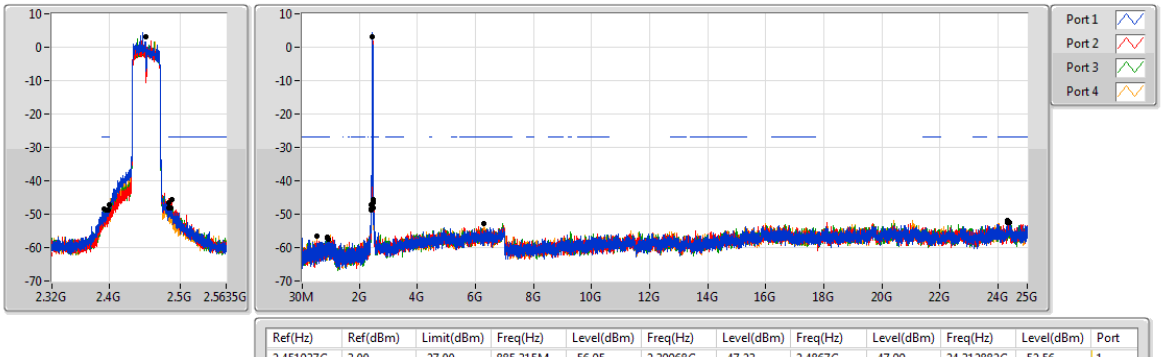
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.451937G	3.00	-27.00	561.28M	-57.70	2.39824G	-41.31	2.48414G	-49.95	24.399824G	-51.95	1
2.451937G	3.00	-27.00	2.307405G	-56.91	2.39616G	-45.28	2.48574G	-49.55	24.42226G	-52.42	2
2.451937G	3.00	-27.00	30M	-57.49	2.39968G	-43.32	2.4851G	-48.24	24.394215G	-52.14	3
2.451937G	3.00	-27.00	500.595M	-56.44	2.39728G	-43.69	2.48398G	-50.21	24.307273G	-52.27	4

HE40,BF_Nss1,(MCS0)_4TX **CSE NdB**

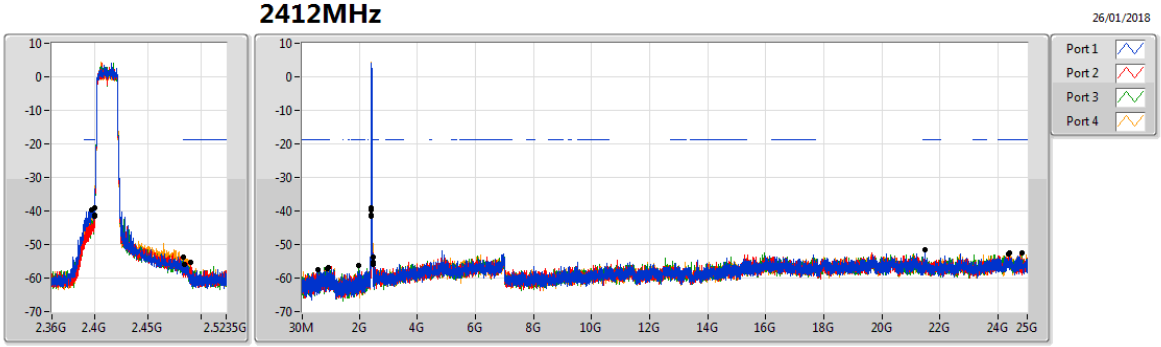
2452MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.451937G	3.00	-27.00	885.315M	-56.95	2.39968G	-47.23	2.4867G	-47.99	24.312882G	-52.56	1
2.451937G	3.00	-27.00	920.81M	-57.54	2.39536G	-48.61	2.48814G	-45.64	24.318491G	-51.90	2
2.451937G	3.00	-27.00	904.78M	-57.28	2.39328G	-48.51	2.48382G	-46.65	24.388605G	-52.41	3
2.451937G	3.00	-27.00	541.815M	-56.61	2.39856G	-48.70	2.48382G	-48.20	6.273936G	-52.75	4

HE20,BF_Nss2,(MCS0)_4TX **CSE NdB**

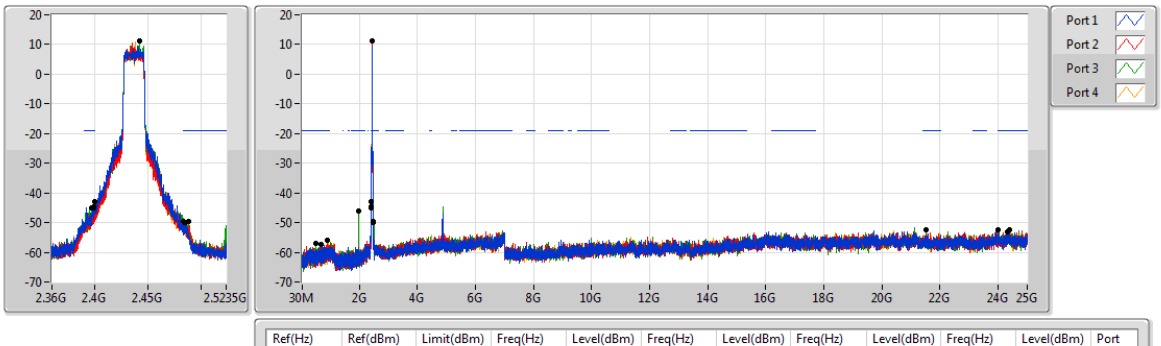
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.441917G	11.09	-18.91	577.55M	-57.52	2.39968G	-38.93	2.48454G	-55.92	21.47119G	-51.70	1
2.441917G	11.09	-18.91	909.575M	-57.30	2.39992G	-41.47	2.48982G	-55.22	24.379087G	-52.37	2
2.441917G	11.09	-18.91	1.960405G	-56.24	2.39984G	-41.29	2.48414G	-55.81	24.825807G	-52.45	3
2.441917G	11.09	-18.91	911.905M	-56.81	2.39704G	-39.80	2.48366G	-53.81	24.348182G	-52.94	4

HE20,BF_Nss2,(MCS0)_4TX **CSE NdB**

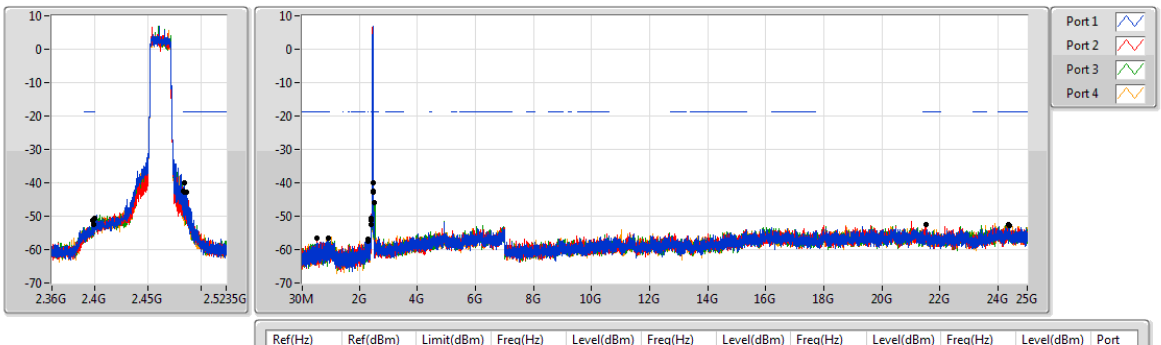
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.441917G	11.09	-18.91	667.255M	-57.25	2.39984G	-42.88	2.48382G	-49.48	24.398754G	-52.43	1
2.441917G	11.09	-18.91	895.595M	-56.07	2.3996G	-45.16	2.48406G	-49.92	24.011034G	-52.55	2
2.441917G	11.09	-18.91	1.972055G	-46.02	2.39728G	-45.14	2.48782G	-49.66	21.504904G	-52.57	3
2.441917G	11.09	-18.91	513.475M	-56.84	2.3996G	-44.52	2.48502G	-50.09	24.331324G	-53.06	4

HE20,BF_Nss2,(MCS0)_4TX **CSE NdB**

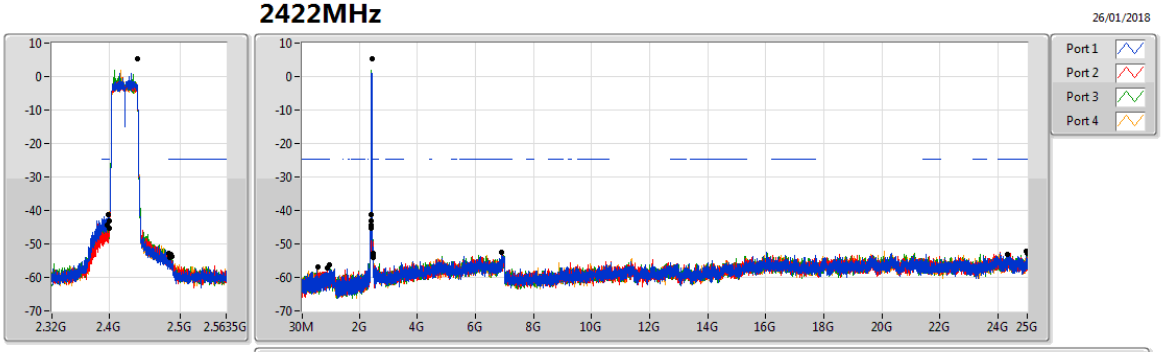
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.441917G	11.09	-18.91	921.225M	-56.54	2.39984G	-50.63	2.48462G	-39.96	24.370658G	-52.56	1
2.441917G	11.09	-18.91	2.305245G	-56.96	2.3984G	-51.34	2.48646G	-42.93	21.507714G	-52.40	2
2.441917G	11.09	-18.91	2.30874G	-57.51	2.39896G	-52.44	2.48414G	-42.74	2.52631G	-45.81	3
2.441917G	11.09	-18.91	541.435M	-56.62	2.39912G	-52.57	2.48366G	-42.49	24.384706G	-52.74	4

802.11ac VHT40-BF_Nss2,(MCS0)_4TX **CSE NdB**

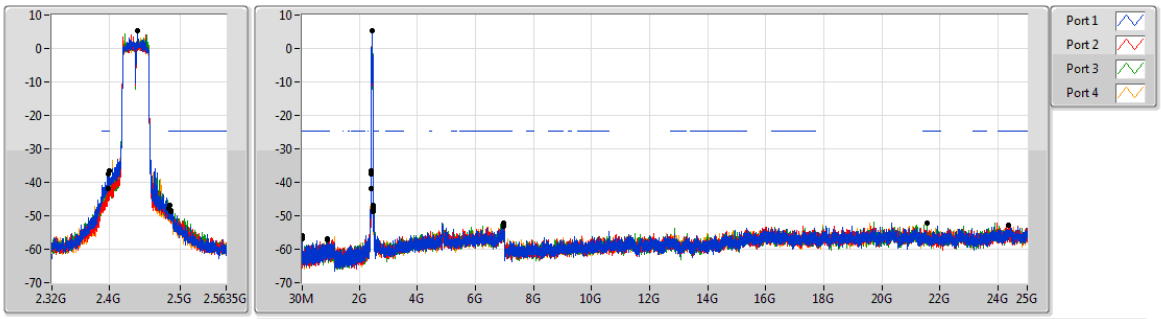
2422MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.439412G	5.38	-24.62	954.015M	-56.18	2.39904G	-41.30	2.48446G	-54.15	6.902158G	-52.45	1
2.439412G	5.38	-24.62	886.46M	-57.04	2.39984G	-45.46	2.48382G	-52.81	24.96915G	-52.20	2
2.439412G	5.38	-24.62	888.75M	-57.19	2.39728G	-44.25	2.48654G	-53.11	24.997195G	-52.81	3
2.439412G	5.38	-24.62	569.295M	-56.94	2.39984G	-43.27	2.48782G	-53.69	24.315687G	-53.13	4

802.11ac VHT40-BF_Nss2,(MCS0)_4TX **CSE NdB**

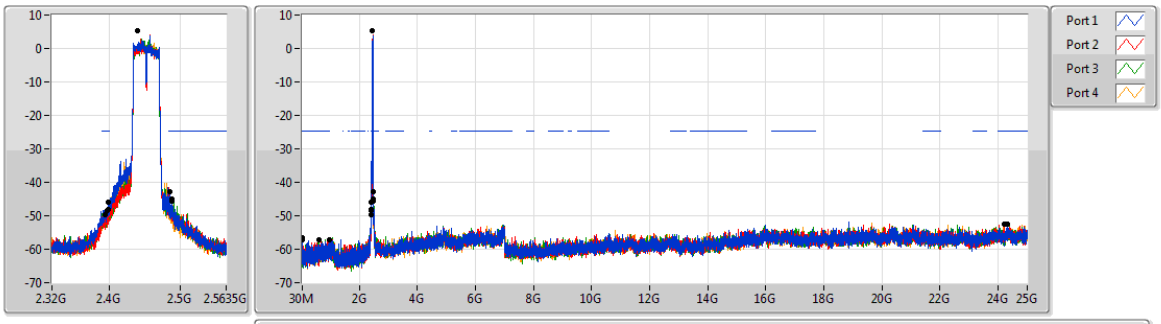
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.439412G	5.38	-24.62	878.445M	-56.76	2.3984G	-37.37	2.48382G	-47.80	6.980686G	-52.04	1
2.439412G	5.38	-24.62	30M	-56.91	2.39888G	-41.81	2.48638G	-48.63	24.36056G	-52.92	2
2.439412G	5.38	-24.62	32.29M	-55.95	2.3992G	-41.89	2.48446G	-46.85	21.533561G	-52.07	3
2.439412G	5.38	-24.62	881.88M	-57.04	2.39952G	-36.42	2.48686G	-48.42	6.975077G	-53.10	4

802.11ac VHT40-BF_Nss2,(MCS0)_4TX **CSE NdB**

2452MHz

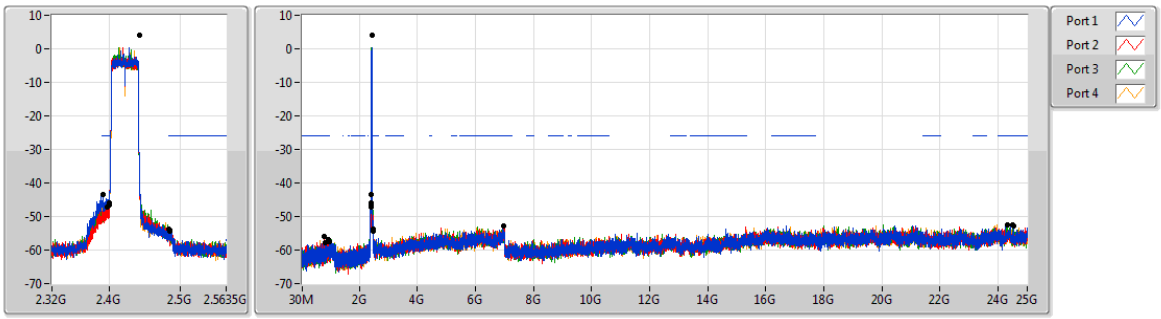


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.439412G	5.38	-24.62	31.145M	-57.07	2.39904G	-45.87	2.48478G	-42.92	24.321296G	-52.43	1
2.439412G	5.38	-24.62	952.87M	-57.22	2.39472G	-49.64	2.4883G	-45.68	24.223136G	-52.37	2
2.439412G	5.38	-24.62	604.79M	-57.08	2.39904G	-48.26	2.4875G	-45.40	24.326905G	-52.58	3
2.439412G	5.38	-24.62	30M	-56.50	2.39696G	-48.41	2.48718G	-45.14	24.326905G	-52.39	4

HE40,BF_Nss2,(MCS0)_4TX **CSE NdB**

2422MHz

26/01/2018

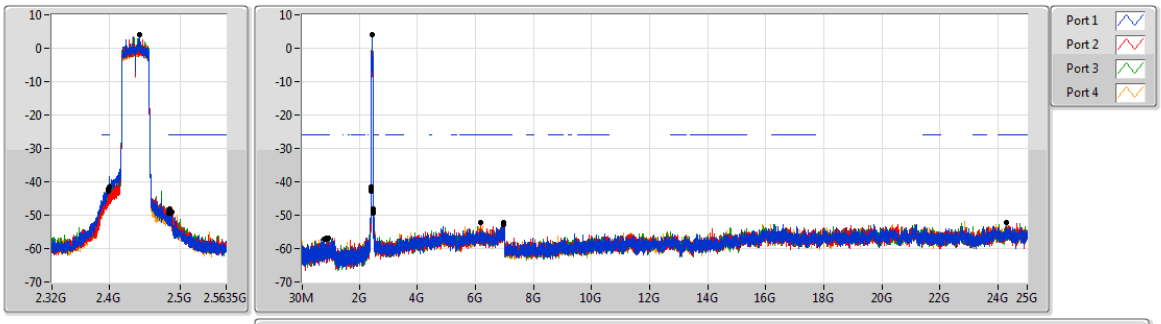


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.441917G	4.13	-25.87	952.87M	-57.39	2.392G	-43.35	2.48398G	-53.80	24.517615G	-52.67	1
2.441917G	4.13	-25.87	791.425M	-56.01	2.39952G	-46.47	2.48414G	-54.20	6.955445G	-52.87	2
2.441917G	4.13	-25.87	823.485M	-57.67	2.39664G	-47.18	2.48478G	-54.03	24.492374G	-52.47	3
2.441917G	4.13	-25.87	933.405M	-57.00	2.39984G	-45.88	2.4843G	-54.32	24.3241G	-52.52	4

HE40,BF_Nss2,(MCS0)_4TX **CSE NdB**

2437MHz

26/01/2018

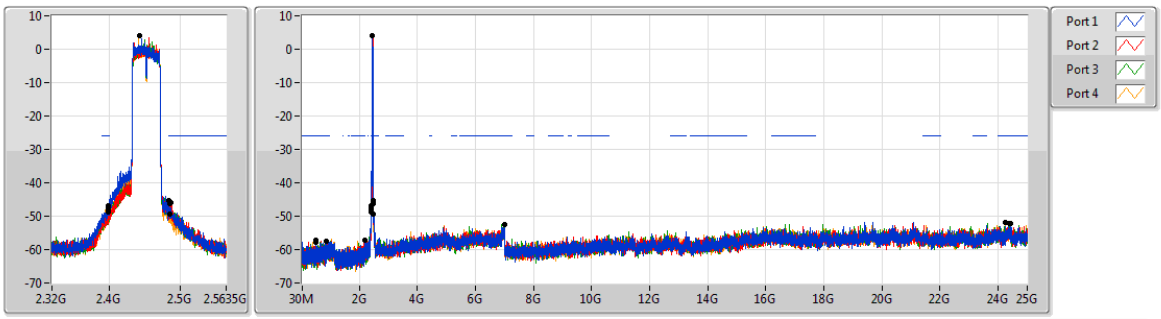


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.441917G	4.13	-25.87	849.82M	-57.14	2.39984G	-41.43	2.48654G	-49.36	6.972272G	-52.26	1
2.441917G	4.13	-25.87	855.545M	-57.03	2.39824G	-42.28	2.48766G	-48.99	6.181386G	-52.20	2
2.441917G	4.13	-25.87	912.795M	-57.03	2.39824G	-42.09	2.48494G	-48.10	24.276423G	-52.22	3
2.441917G	4.13	-25.87	773.105M	-57.13	2.39936G	-42.67	2.48382G	-49.38	6.966663G	-52.91	4

HE40,BF_Nss2,(MCS0)_4TX **CSE NdB**

2452MHz

26/01/2018



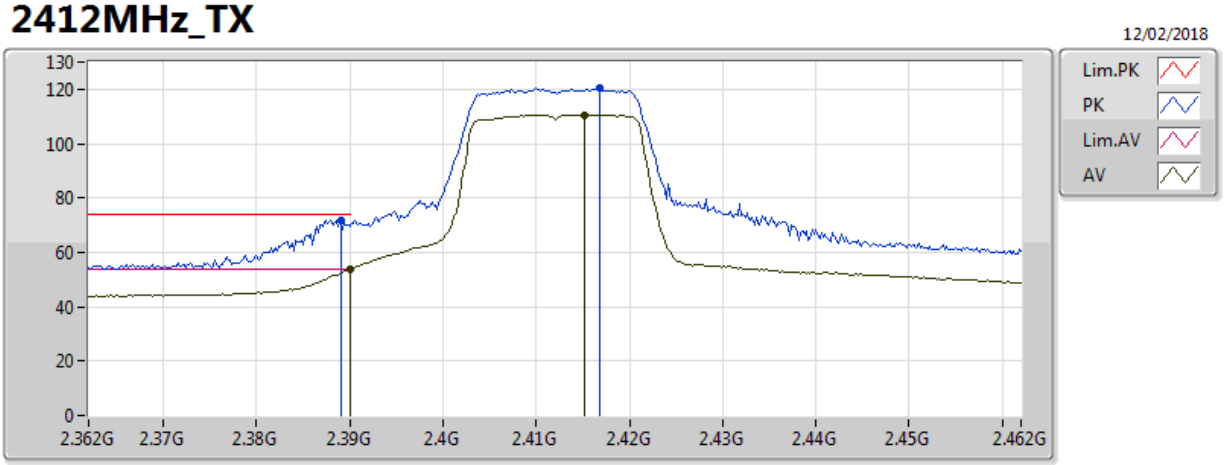
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.441917G	4.13	-25.87	507.465M	-57.69	2.39808G	-46.78	2.48366G	-45.27	6.994709G	-52.63	1
2.441917G	4.13	-25.87	513.19M	-57.20	2.39936G	-47.19	2.48638G	-45.83	24.439088G	-52.08	2
2.441917G	4.13	-25.87	864.705M	-57.49	2.39824G	-48.67	2.4843G	-46.13	24.385801G	-52.05	3
2.441917G	4.13	-25.87	2.199775G	-57.22	2.39856G	-47.82	2.48446G	-49.32	24.248377G	-51.84	4

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	Pass	PK	2.483502G	73.99	74.00	-0.01	32.42	3	Vertical	81	1.78	-

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

2412MHz_TX

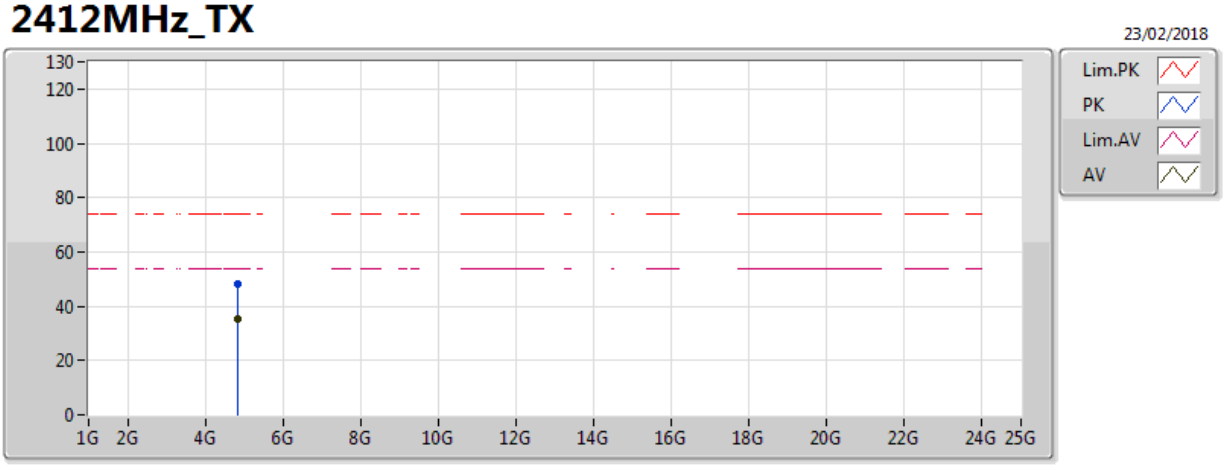


20180212
EUT Z_4 TX_Dipole
Setting 78
06-L-3
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.39G	53.92	54.00	-0.08	32.12	3	Vertical	65	2.03
AV	2.4152G	110.56	Inf	-Inf	32.20	3	Vertical	65	2.03
PK	2.389G	71.88	74.00	-2.12	32.11	3	Vertical	65	2.03
PK	2.4168G	120.29	Inf	-Inf	32.20	3	Vertical	65	2.03

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

2412MHz_TX

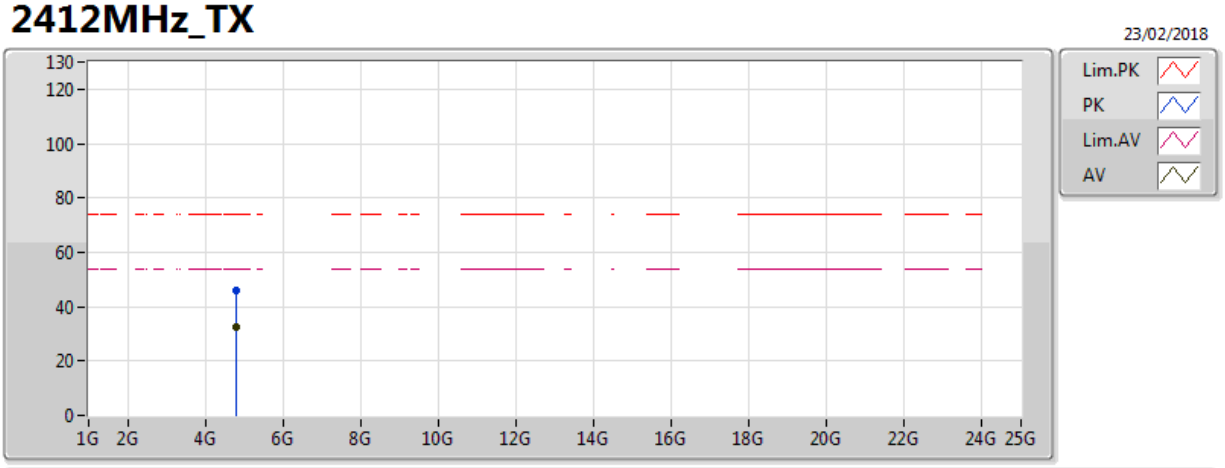


20180223
EUT Z_4 TX_Dipole
Setting 78
03-R-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.82754G	35.33	54.00	-18.67	4.86	3	Vertical	177	1.50
PK	4.82856G	48.42	74.00	-25.58	4.86	3	Vertical	177	1.50

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

2412MHz_TX

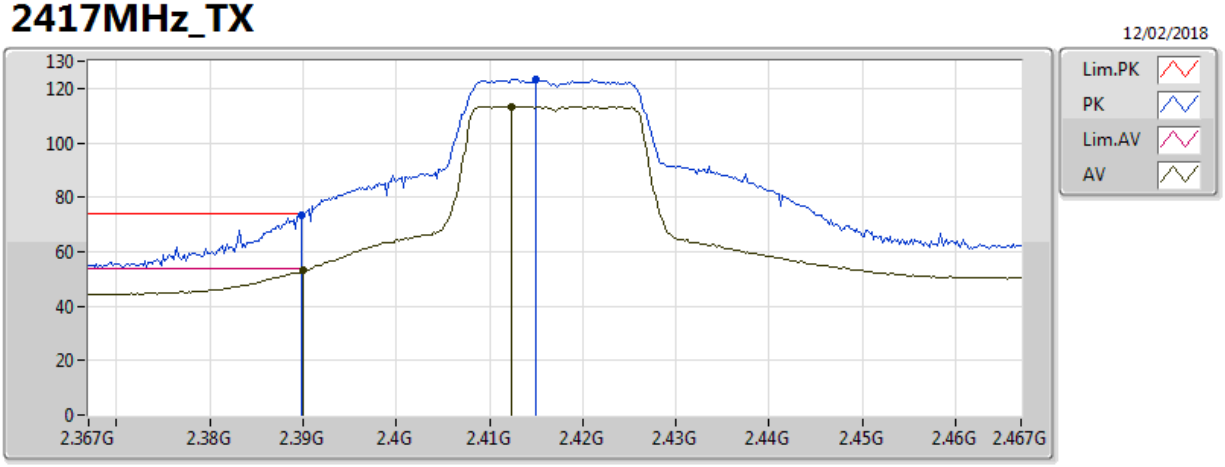


20180223
EUT Z_4 TX_Dipole
Setting 78
03-R-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.81002G	32.65	54.00	-21.35	4.84	3	Horizontal	144	1.50
PK	4.8132G	46.04	74.00	-27.96	4.85	3	Horizontal	144	1.50

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

2417MHz_TX

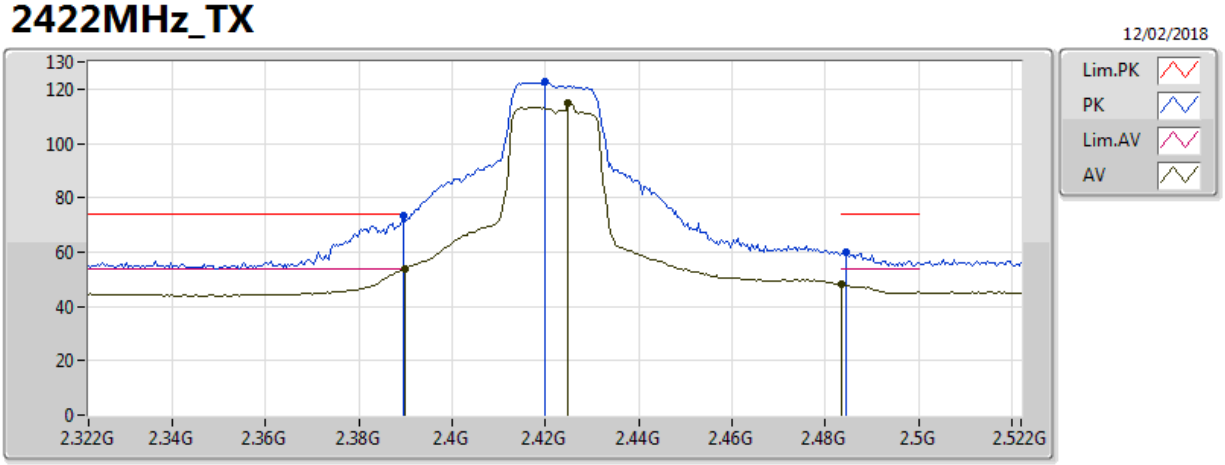


20180212
EUT Z_4 TX_Dipole
Setting 86
06-L-3
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.39G	53.01	54.00	-0.99	32.12	3	Vertical	303	2.05
AV	2.4124G	113.38	Inf	-Inf	32.19	3	Vertical	303	2.05
PK	2.3898G	73.37	74.00	-0.63	32.12	3	Vertical	303	2.05
PK	2.415G	123.38	Inf	-Inf	32.20	3	Vertical	303	2.05

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

2422MHz_TX

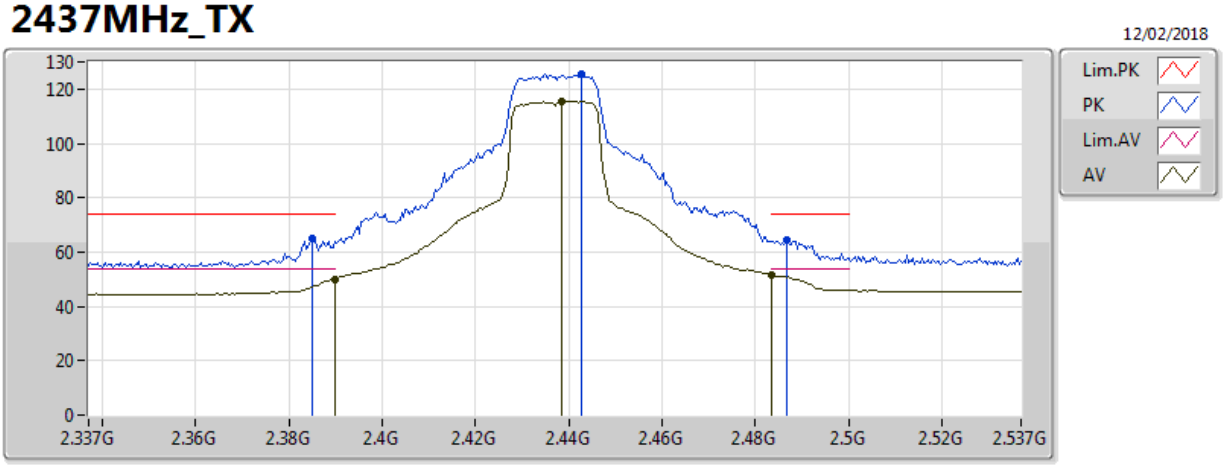


20180212
EUT Z_4 TX_Dipole
Setting 88
06-L-3
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.39G	53.82	54.00	-0.18	32.12	3	Vertical	47	1.57
AV	2.4248G	114.72	Inf	-Inf	32.23	3	Vertical	47	1.57
AV	2.4836G	47.97	54.00	-6.03	32.42	3	Vertical	47	1.57
PK	2.3896G	73.55	74.00	-0.45	32.12	3	Vertical	47	1.57
PK	2.42G	122.56	Inf	-Inf	32.21	3	Vertical	47	1.57
PK	2.4844G	59.87	74.00	-14.13	32.42	3	Vertical	47	1.57

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

2437MHz_TX

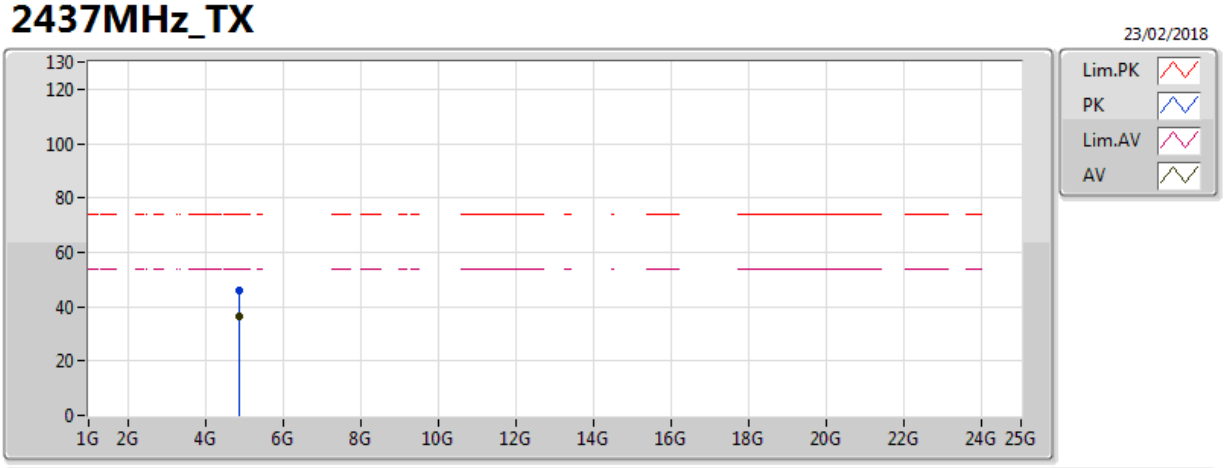


20180212
EUT Z_4 TX_Dipole
Setting 96
06-L-3
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.389998G	50.09	54.00	-3.91	32.12	3	Vertical	59	1.80
AV	2.4386G	115.52	Inf	-Inf	32.28	3	Vertical	59	1.80
AV	2.483502G	51.44	54.00	-2.56	32.42	3	Vertical	59	1.80
PK	2.385G	64.76	74.00	-9.24	32.10	3	Vertical	59	1.80
PK	2.4426G	125.51	Inf	-Inf	32.29	3	Vertical	59	1.80
PK	2.4866G	64.46	74.00	-9.54	32.43	3	Vertical	59	1.80

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

2437MHz_TX

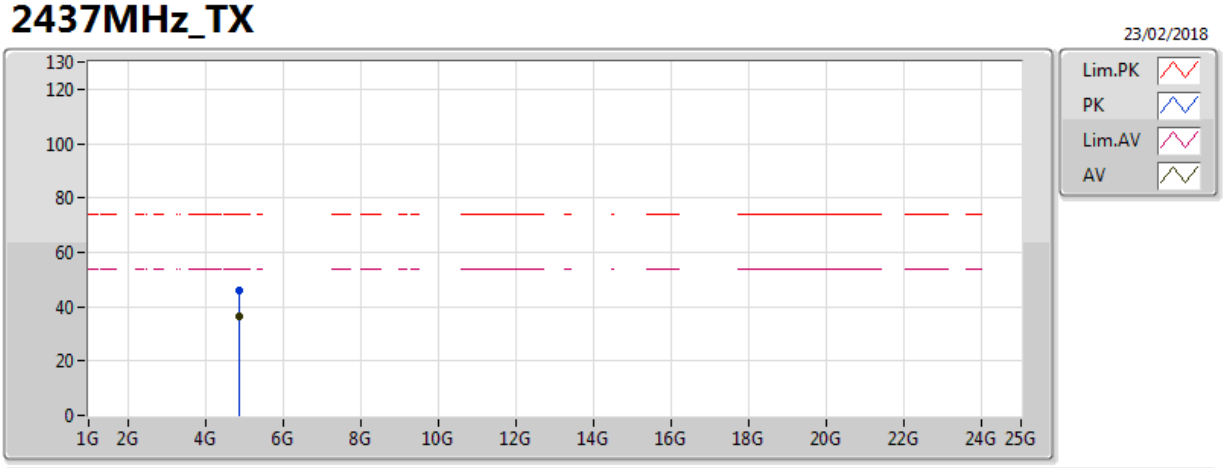


20180223
EUT Z_4 TX_Dipole
Setting 96
03-R-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.87432G	36.61	54.00	-17.39	4.91	3	Vertical	227	2.96
PK	4.87572G	46.12	74.00	-27.88	4.92	3	Vertical	227	2.96

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

2437MHz_TX

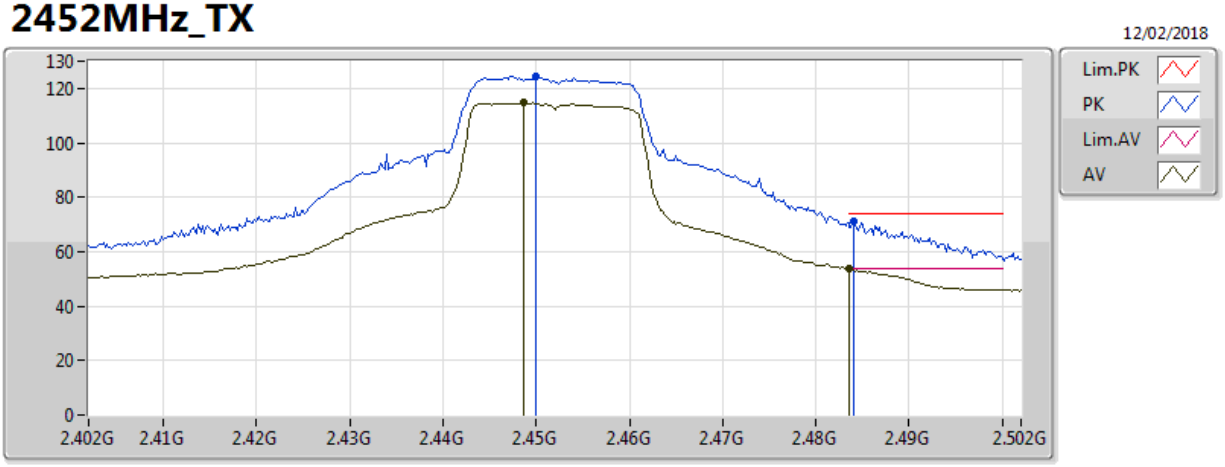


20180223
EUT Z_4 TX_Dipole
Setting 96
03-R-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.87392G	36.55	54.00	-17.45	4.91	3	Horizontal	337	1.32
PK	4.8654G	45.71	74.00	-28.29	4.90	3	Horizontal	337	1.32

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

2452MHz_TX

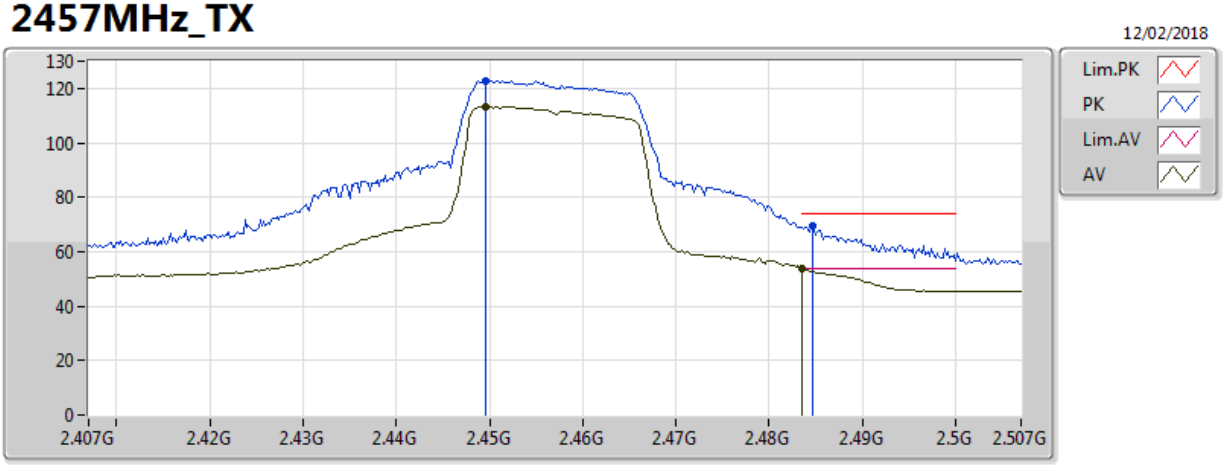


20180212
EUT Z_4 TX_Dipole
Setting 90
06-L-3
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.4486G	114.71	Inf	-Inf	32.31	3	Vertical	232	2.68
AV	2.4836G	53.58	54.00	-0.42	32.42	3	Vertical	232	2.68
PK	2.45G	124.25	Inf	-Inf	32.31	3	Vertical	232	2.68
PK	2.484G	71.19	74.00	-2.81	32.42	3	Vertical	232	2.68

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

2457MHz_TX

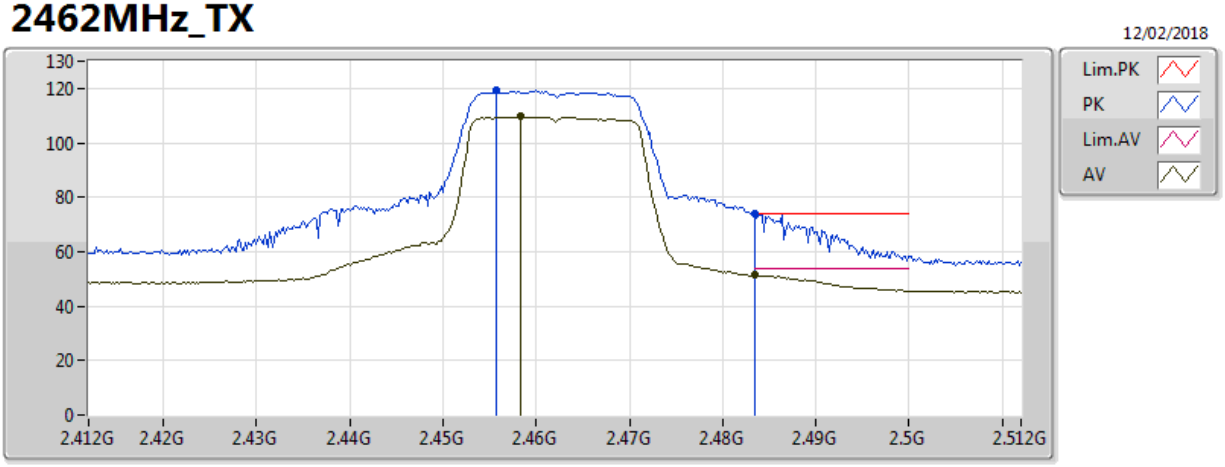


20180212
EUT Z_4 TX_Dipole
Setting 89
06-L-3
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.4496G	113.38	Inf	-Inf	32.31	3	Vertical	315	1.83
AV	2.483502G	53.75	54.00	-0.25	32.42	3	Vertical	315	1.83
PK	2.4496G	122.75	Inf	-Inf	32.31	3	Vertical	315	1.83
PK	2.4846G	69.37	74.00	-4.63	32.42	3	Vertical	315	1.83

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

2462MHz_TX

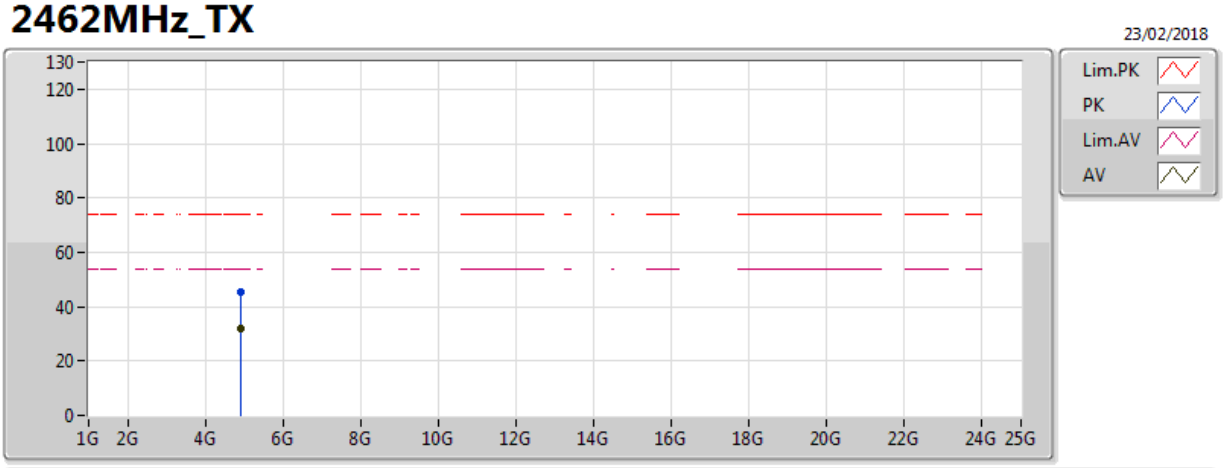


20180212
EUT Z_4 TX_Dipole
Setting 78
06-L-3
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.4584G	109.59	Inf	-Inf	32.34	3	Vertical	81	1.78
AV	2.483502G	51.65	54.00	-2.35	32.42	3	Vertical	81	1.78
PK	2.4558G	119.43	Inf	-Inf	32.33	3	Vertical	81	1.78
PK	2.483502G	73.99	74.00	-0.01	32.42	3	Vertical	81	1.78

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

2462MHz_TX

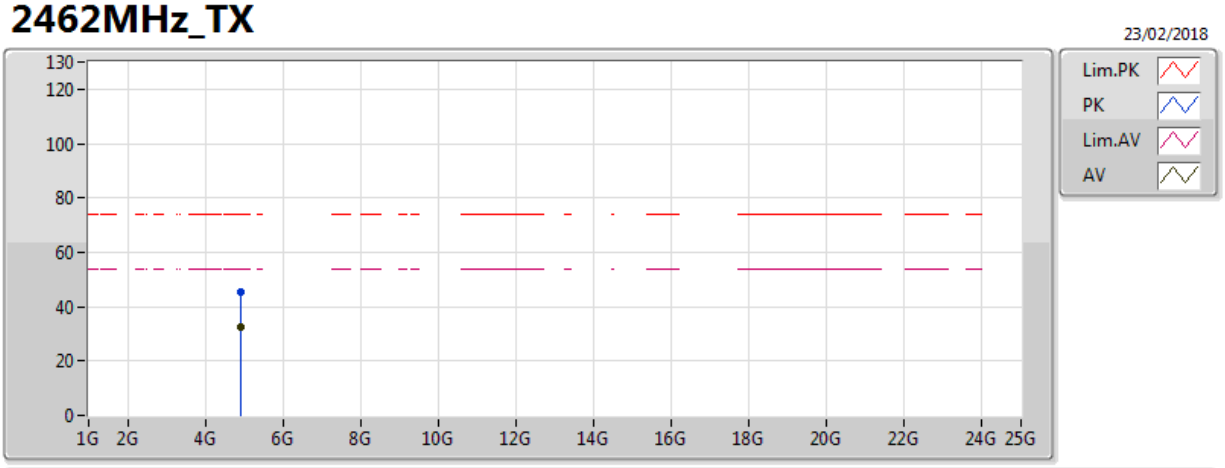


20180223
EUT Z_4 TX_Dipole
Setting 78
03-R-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.91404G	31.85	54.00	-22.15	4.96	3	Vertical	353	2.05
PK	4.93092G	45.31	74.00	-28.69	4.99	3	Vertical	353	2.05

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

2462MHz_TX

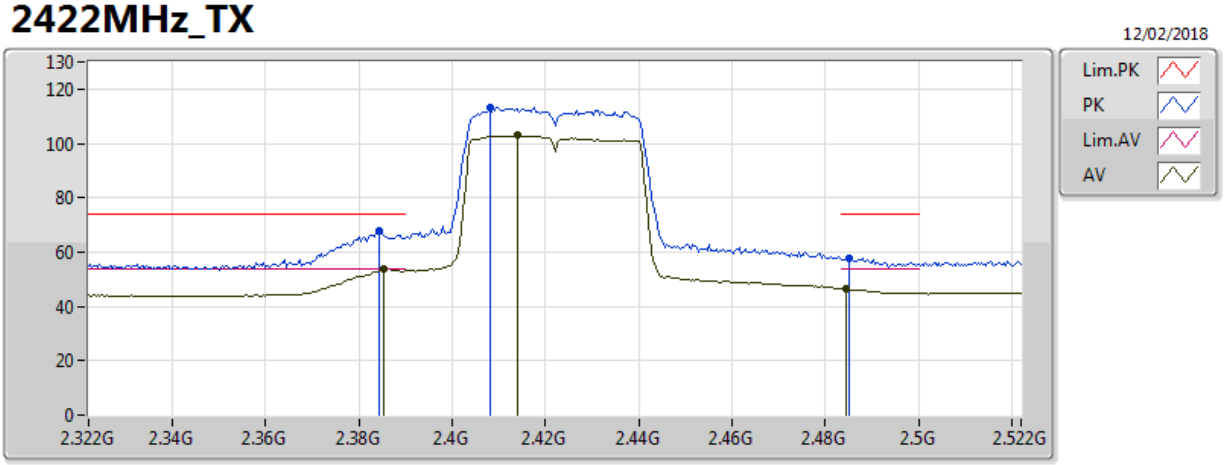


20180223
EUT Z_4 TX_Dipole
Setting 78
03-R-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.924G	32.27	54.00	-21.73	4.98	3	Horizontal	337	1.01
PK	4.93268G	45.30	74.00	-28.70	4.99	3	Horizontal	337	1.01

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

2422MHz_TX

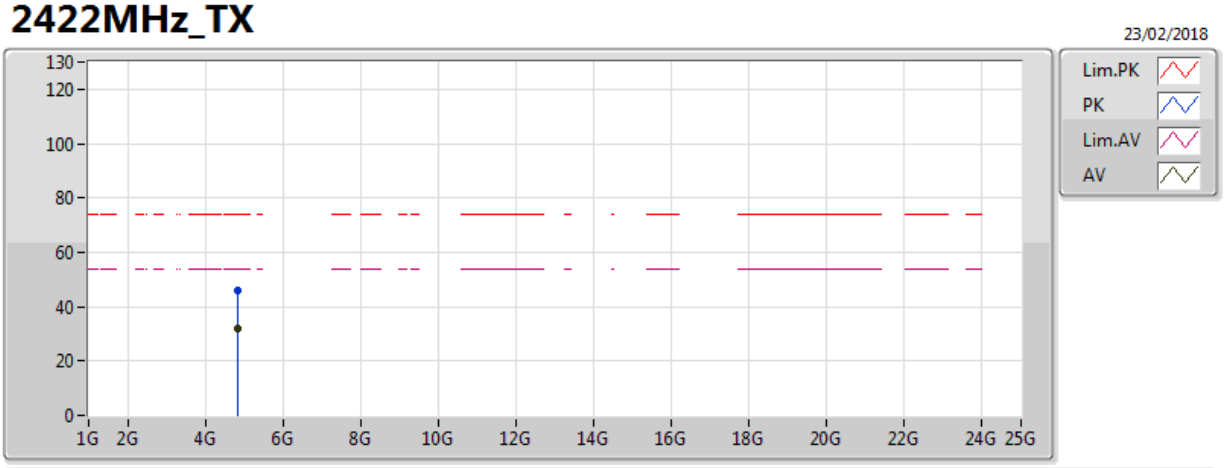


20180212
EUT Z_4 TX_Dipole
Setting 60
06-L-3
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.3852G	53.68	54.00	-0.32	32.10	3	Vertical	127	1.53
AV	2.414G	102.89	Inf	-Inf	32.20	3	Vertical	127	1.53
AV	2.4844G	46.50	54.00	-7.50	32.42	3	Vertical	127	1.53
PK	2.3844G	68.07	74.00	-5.93	32.10	3	Vertical	127	1.53
PK	2.408G	113.37	Inf	-Inf	32.18	3	Vertical	127	1.53
PK	2.4852G	57.82	74.00	-16.18	32.43	3	Vertical	127	1.53

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

2422MHz_TX

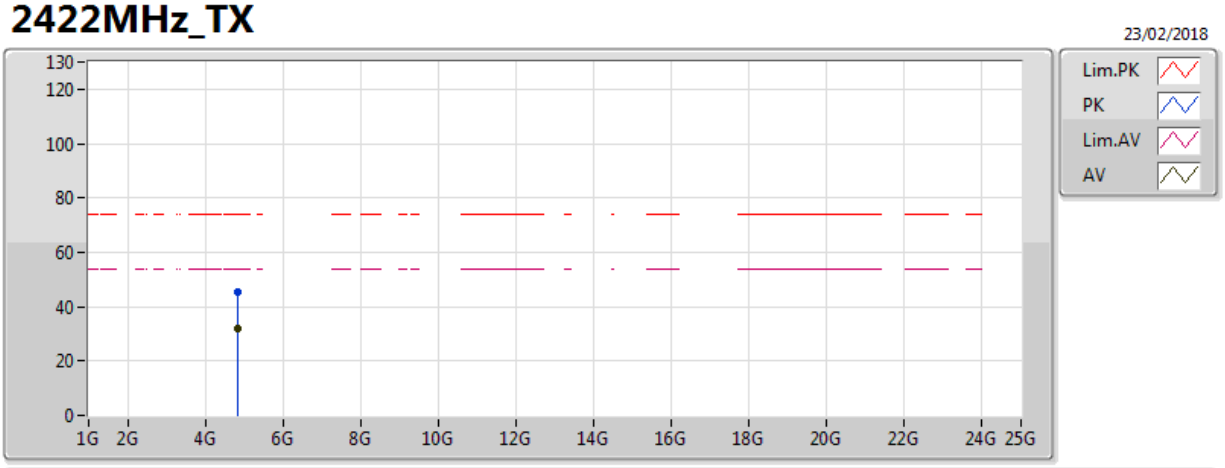


20180223
EUT Z_4 TX_Dipole
Setting 60
03-R-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.84188G	32.00	54.00	-22.00	4.88	3	Vertical	163	2.31
PK	4.85244G	45.71	74.00	-28.29	4.89	3	Vertical	163	2.31

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

2422MHz_TX

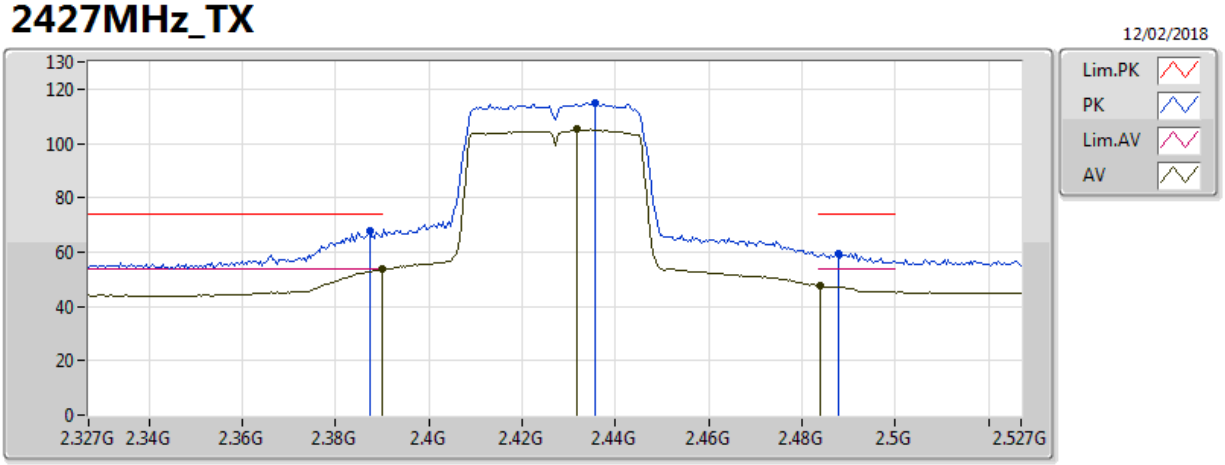


20180223
EUT Z_4 TX_Dipole
Setting 60
03-R-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.85268G	31.87	54.00	-22.13	4.89	3	Horizontal	39	1.50
PK	4.84328G	45.45	74.00	-28.55	4.88	3	Horizontal	39	1.50

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

2427MHz_TX

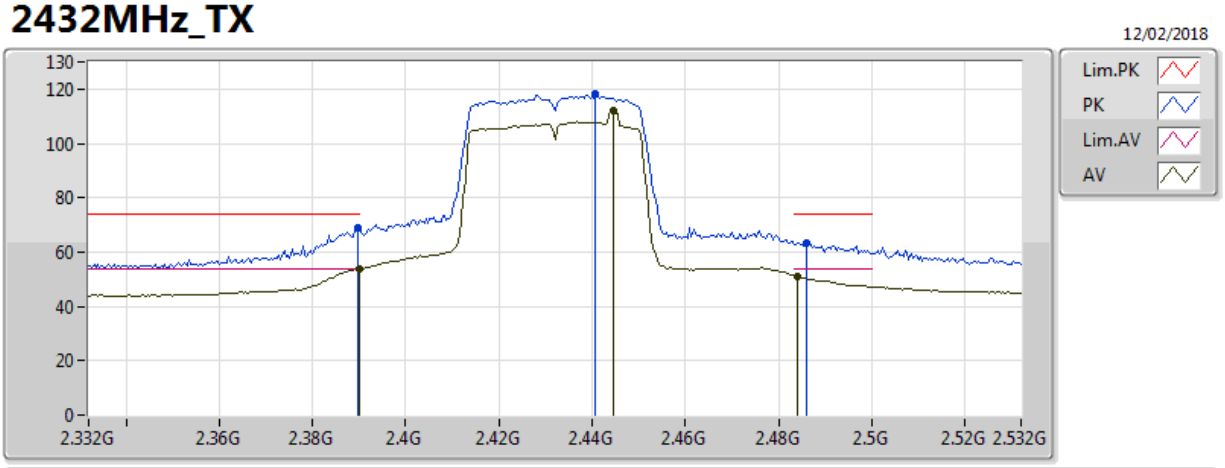


20180212
EUT Z_4 TX_Dipole
Setting 63
06-L-3
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.389998G	53.90	54.00	-0.10	32.12	3	Vertical	296	2.24
AV	2.4318G	105.28	Inf	-Inf	32.25	3	Vertical	296	2.24
AV	2.4838G	47.63	54.00	-6.37	32.42	3	Vertical	296	2.24
PK	2.3874G	67.79	74.00	-6.21	32.11	3	Vertical	296	2.24
PK	2.4358G	115.11	Inf	-Inf	32.27	3	Vertical	296	2.24
PK	2.4878G	59.45	74.00	-14.55	32.44	3	Vertical	296	2.24

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

2432MHz_TX

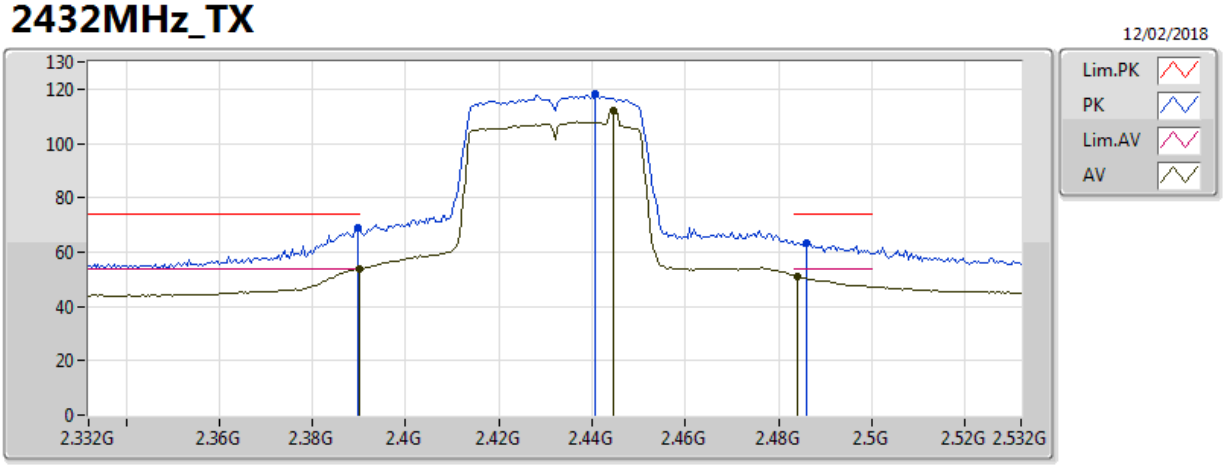


20180212
EUT Z_4 TX_Dipole
Setting 71
06-L-3
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.39G	53.76	54.00	-0.24	32.12	3	Vertical	307	2.11
AV	2.4444G	112.03	Inf	-Inf	32.29	3	Vertical	307	2.11
AV	2.484G	51.24	54.00	-2.76	32.42	3	Vertical	307	2.11
PK	2.3896G	68.89	74.00	-5.11	32.12	3	Vertical	307	2.11
PK	2.4408G	118.20	Inf	-Inf	32.28	3	Vertical	307	2.11
PK	2.486G	63.39	74.00	-10.61	32.43	3	Vertical	307	2.11

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

2432MHz_TX



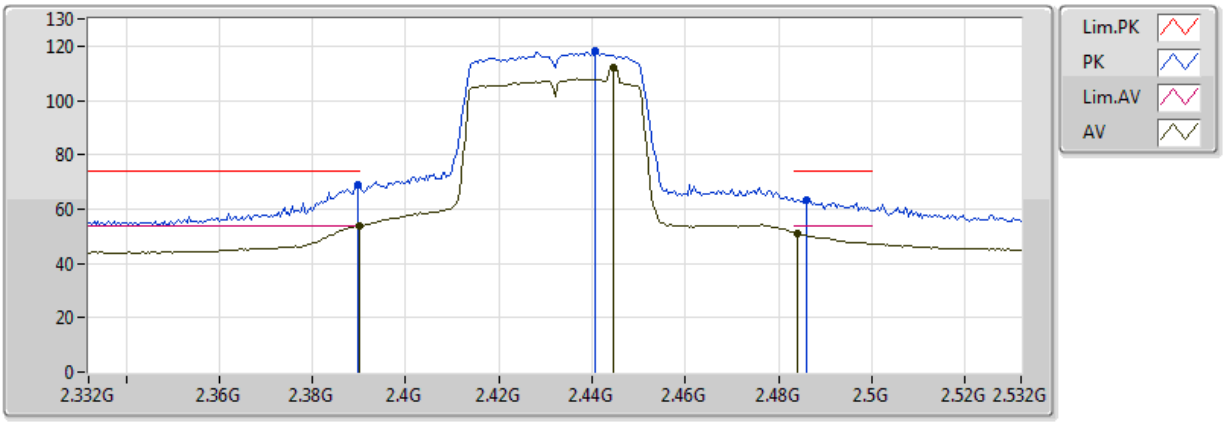
20180212
EUT Z_4 TX_Dipole
Setting 71
06-L-3
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.39G	53.76	54.00	-0.24	32.12	3	Vertical	307	2.11
AV	2.4444G	112.03	Inf	-Inf	32.29	3	Vertical	307	2.11
AV	2.484G	51.24	54.00	-2.76	32.42	3	Vertical	307	2.11
PK	2.3896G	68.89	74.00	-5.11	32.12	3	Vertical	307	2.11
PK	2.4408G	118.20	Inf	-Inf	32.28	3	Vertical	307	2.11
PK	2.486G	63.39	74.00	-10.61	32.43	3	Vertical	307	2.11

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

2432MHz_TX

12/02/2018

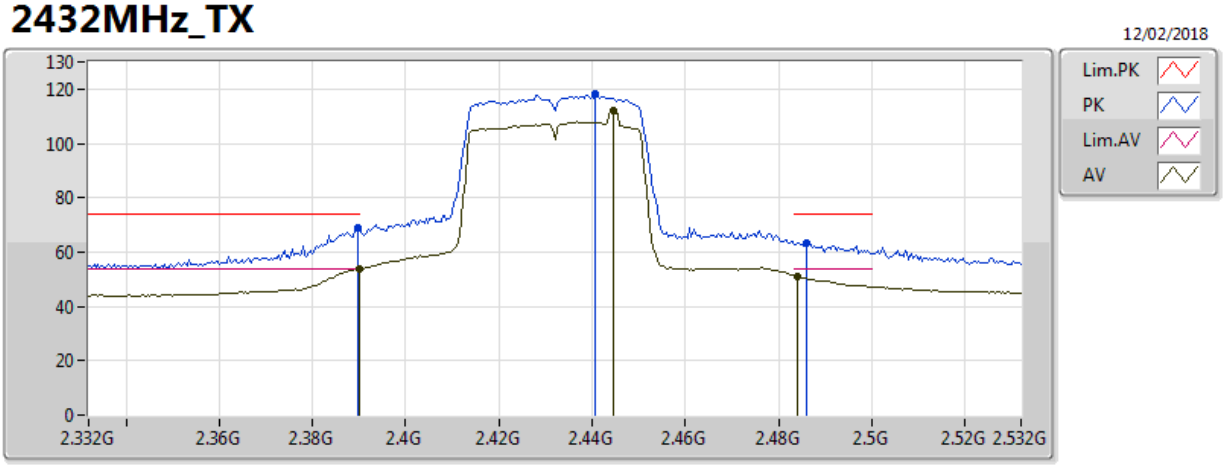


20180212
EUT Z_4 TX_Dipole
Setting 71
06-L-3
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.39G	53.76	54.00	-0.24	32.12	3	Vertical	307	2.11
AV	2.4444G	112.03	Inf	-Inf	32.29	3	Vertical	307	2.11
AV	2.484G	51.24	54.00	-2.76	32.42	3	Vertical	307	2.11
PK	2.3896G	68.89	74.00	-5.11	32.12	3	Vertical	307	2.11
PK	2.4408G	118.20	Inf	-Inf	32.28	3	Vertical	307	2.11
PK	2.486G	63.39	74.00	-10.61	32.43	3	Vertical	307	2.11

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

2432MHz_TX

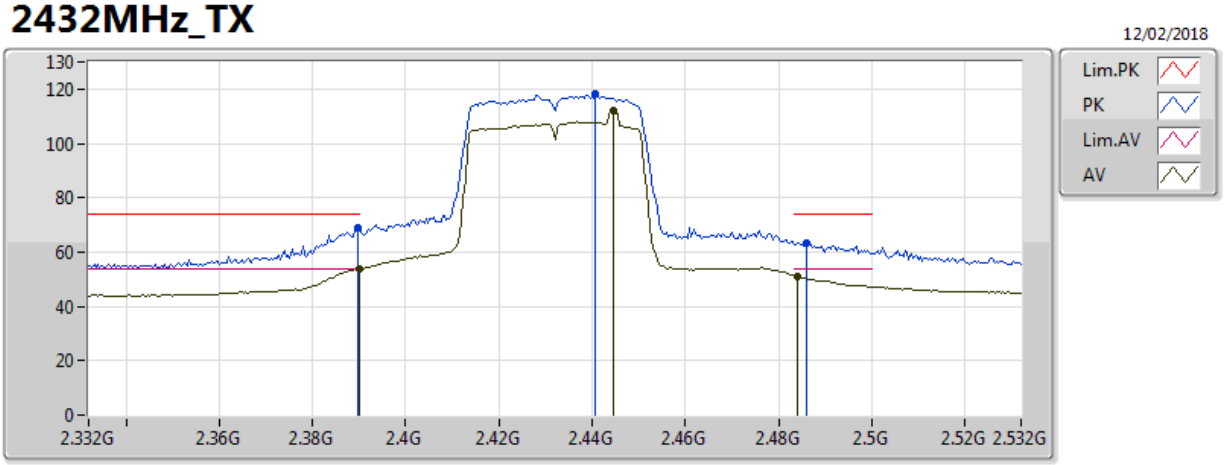


20180212
EUT Z_4 TX_Dipole
Setting 71
06-L-3
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.39G	53.76	54.00	-0.24	32.12	3	Vertical	307	2.11
AV	2.4444G	112.03	Inf	-Inf	32.29	3	Vertical	307	2.11
AV	2.484G	51.24	54.00	-2.76	32.42	3	Vertical	307	2.11
PK	2.3896G	68.89	74.00	-5.11	32.12	3	Vertical	307	2.11
PK	2.4408G	118.20	Inf	-Inf	32.28	3	Vertical	307	2.11
PK	2.486G	63.39	74.00	-10.61	32.43	3	Vertical	307	2.11

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

2432MHz_TX

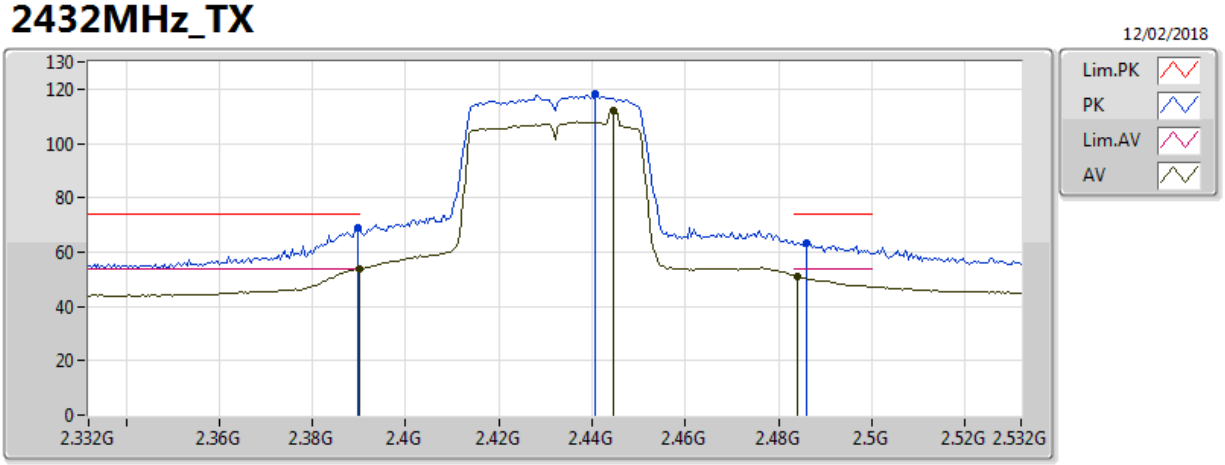


20180212
EUT Z_4 TX_Dipole
Setting 71
06-L-3
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.39G	53.76	54.00	-0.24	32.12	3	Vertical	307	2.11
AV	2.4444G	112.03	Inf	-Inf	32.29	3	Vertical	307	2.11
AV	2.484G	51.24	54.00	-2.76	32.42	3	Vertical	307	2.11
PK	2.3896G	68.89	74.00	-5.11	32.12	3	Vertical	307	2.11
PK	2.4408G	118.20	Inf	-Inf	32.28	3	Vertical	307	2.11
PK	2.486G	63.39	74.00	-10.61	32.43	3	Vertical	307	2.11

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

2432MHz_TX

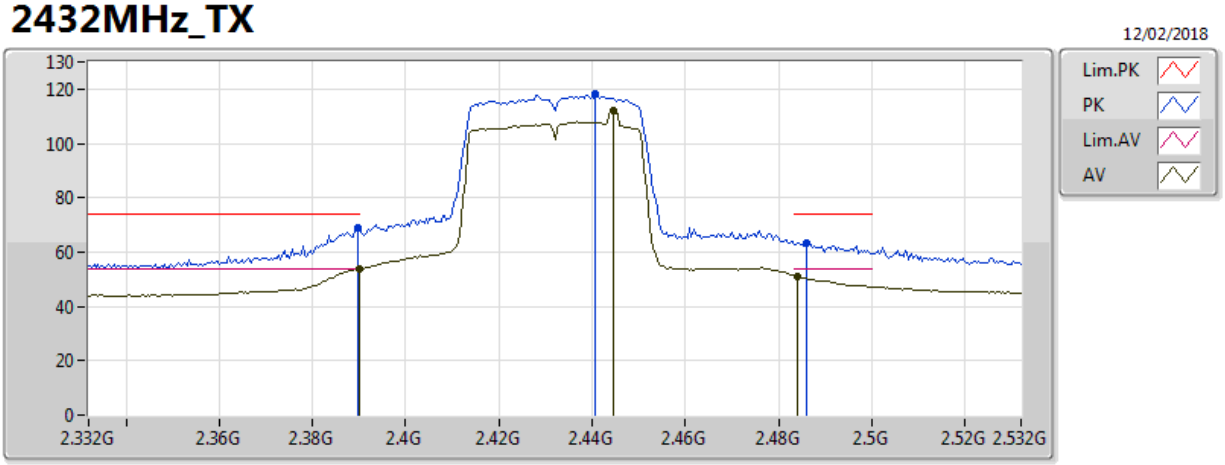


20180212
EUT Z_4 TX_Dipole
Setting 71
06-L-3
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.39G	53.76	54.00	-0.24	32.12	3	Vertical	307	2.11
AV	2.4444G	112.03	Inf	-Inf	32.29	3	Vertical	307	2.11
AV	2.484G	51.24	54.00	-2.76	32.42	3	Vertical	307	2.11
PK	2.3896G	68.89	74.00	-5.11	32.12	3	Vertical	307	2.11
PK	2.4408G	118.20	Inf	-Inf	32.28	3	Vertical	307	2.11
PK	2.486G	63.39	74.00	-10.61	32.43	3	Vertical	307	2.11

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

2432MHz_TX



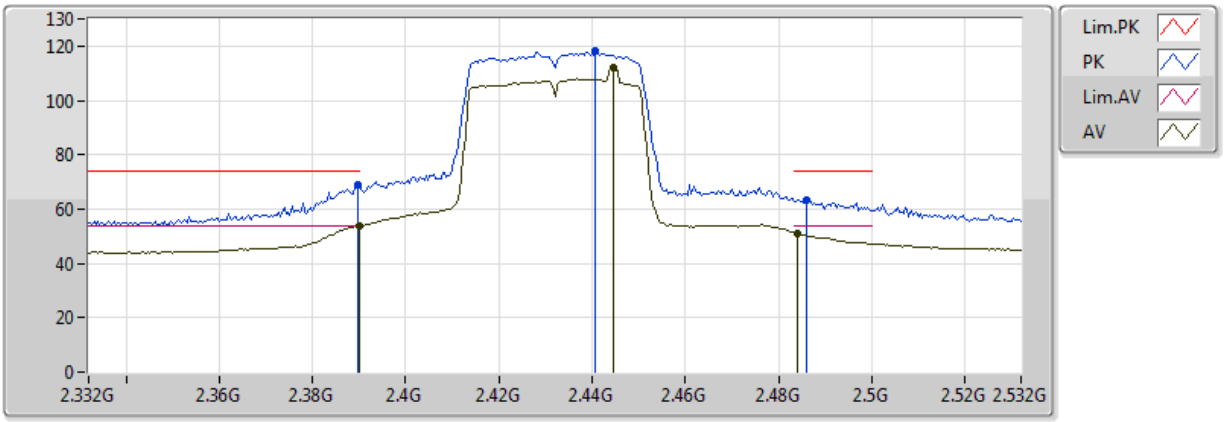
20180212
EUT Z_4 TX_Dipole
Setting 71
06-L-3
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.39G	53.76	54.00	-0.24	32.12	3	Vertical	307	2.11
AV	2.4444G	112.03	Inf	-Inf	32.29	3	Vertical	307	2.11
AV	2.484G	51.24	54.00	-2.76	32.42	3	Vertical	307	2.11
PK	2.3896G	68.89	74.00	-5.11	32.12	3	Vertical	307	2.11
PK	2.4408G	118.20	Inf	-Inf	32.28	3	Vertical	307	2.11
PK	2.486G	63.39	74.00	-10.61	32.43	3	Vertical	307	2.11

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

2432MHz_TX

12/02/2018

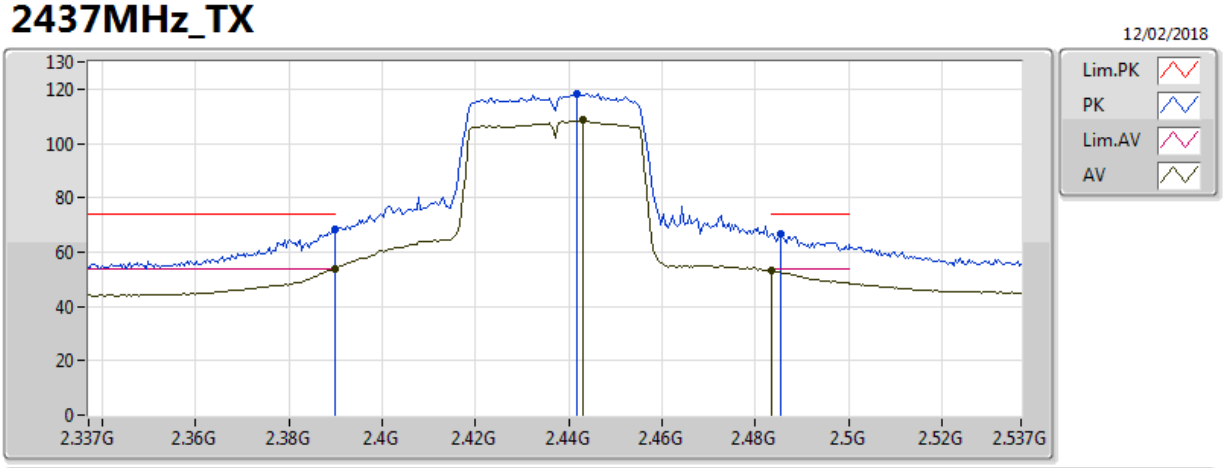


20180212
EUT Z_4 TX_Dipole
Setting 71
06-L-3
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.39G	53.76	54.00	-0.24	32.12	3	Vertical	307	2.11
AV	2.4444G	112.03	Inf	-Inf	32.29	3	Vertical	307	2.11
AV	2.484G	51.24	54.00	-2.76	32.42	3	Vertical	307	2.11
PK	2.3896G	68.89	74.00	-5.11	32.12	3	Vertical	307	2.11
PK	2.4408G	118.20	Inf	-Inf	32.28	3	Vertical	307	2.11
PK	2.486G	63.39	74.00	-10.61	32.43	3	Vertical	307	2.11

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

2437MHz_TX

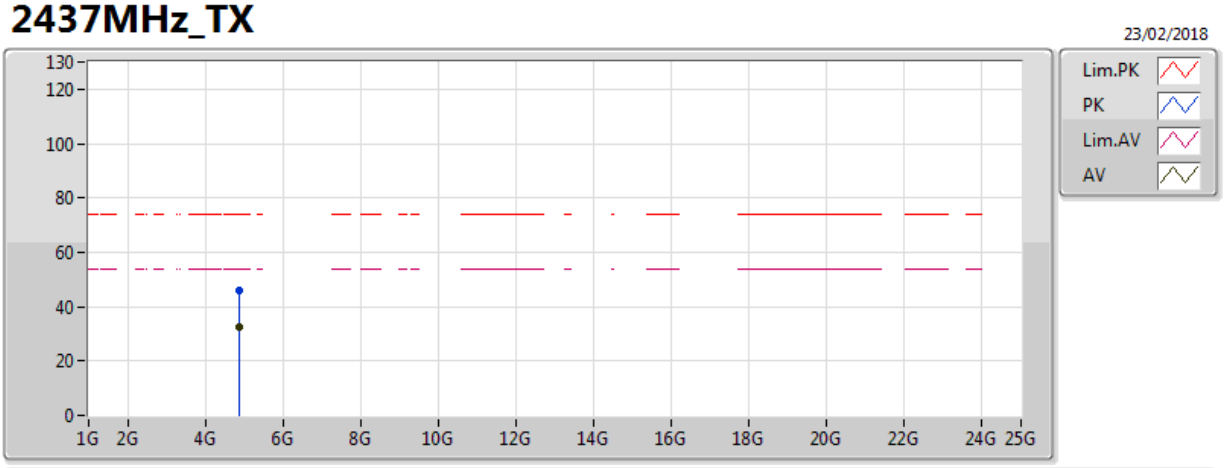


20180212
EUT Z_4 TX_Dipole
Setting 76
06-L-3
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.389998G	53.94	54.00	-0.06	32.12	3	Vertical	128	2.17
AV	2.443G	108.70	Inf	-Inf	32.29	3	Vertical	128	2.17
AV	2.483502G	53.00	54.00	-1.00	32.42	3	Vertical	128	2.17
PK	2.389998G	68.10	74.00	-5.90	32.12	3	Vertical	128	2.17
PK	2.4418G	118.26	Inf	-Inf	32.29	3	Vertical	128	2.17
PK	2.4854G	66.74	74.00	-7.26	32.43	3	Vertical	128	2.17

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

2437MHz_TX

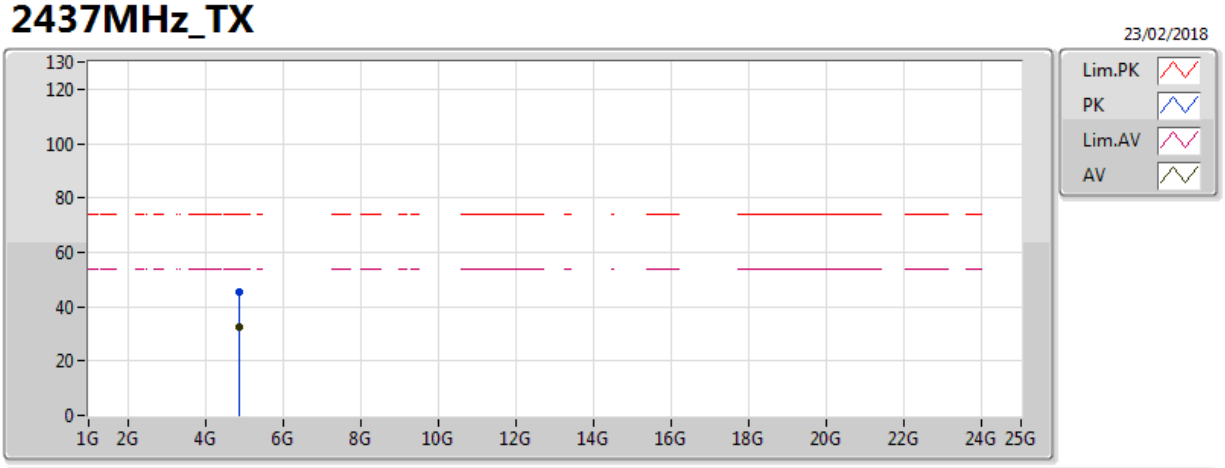


20180223
EUT Z_4 TX_Dipole
Setting 76
03-R-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.87348G	32.29	54.00	-21.71	4.91	3	Vertical	119	1.50
PK	4.86504G	46.00	74.00	-28.00	4.90	3	Vertical	119	1.50

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

2437MHz_TX

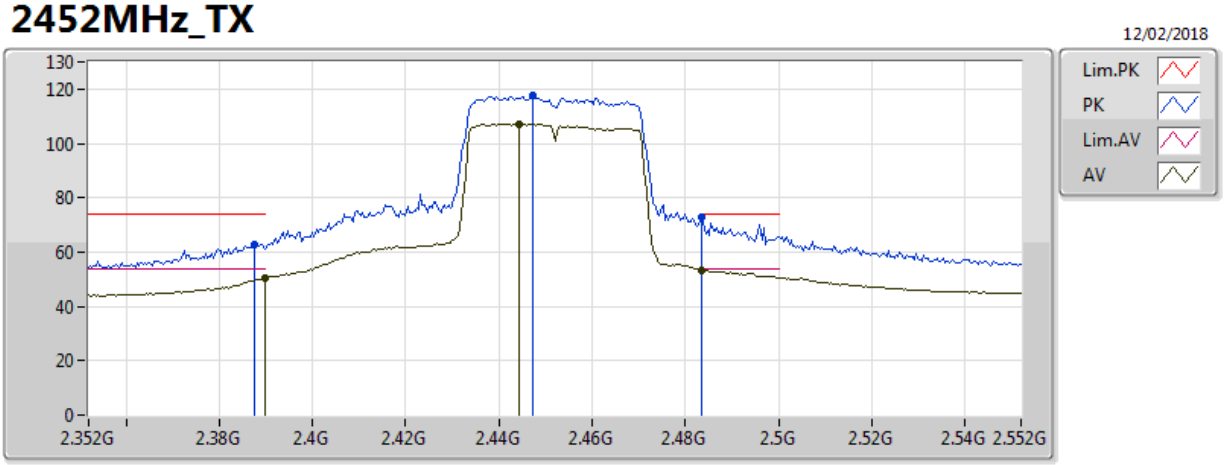


20180223
EUT Z_4 TX_Dipole
Setting 76
03-R-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.86436G	32.63	54.00	-21.37	4.90	3	Horizontal	358	1.50
PK	4.87208G	45.57	74.00	-28.43	4.91	3	Horizontal	358	1.50

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

2452MHz_TX

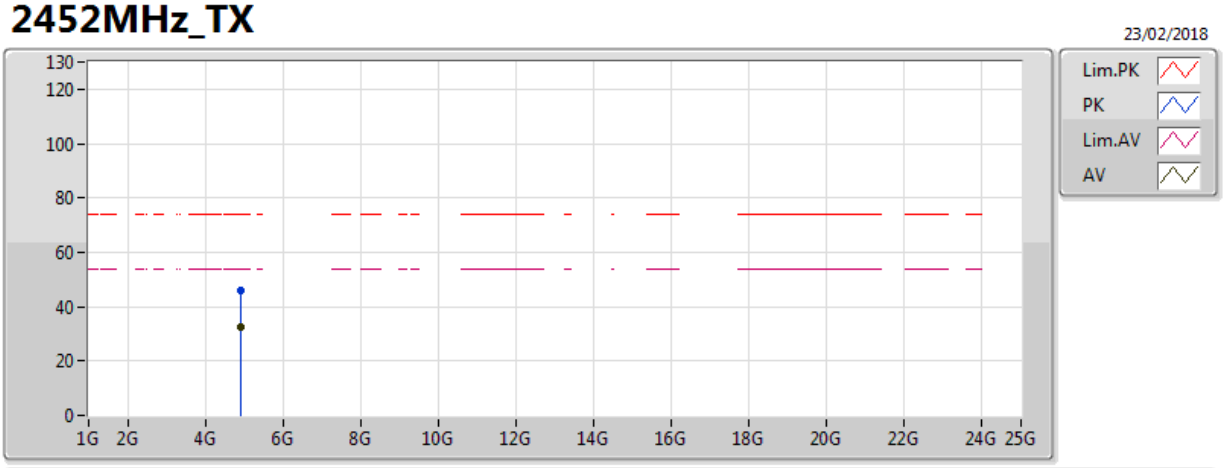


20180212
EUT Z_4 TX_Dipole
Setting 78
06-L-3
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.39G	50.37	54.00	-3.63	32.12	3	Vertical	136	2.27
AV	2.4444G	107.14	Inf	-Inf	32.29	3	Vertical	136	2.27
AV	2.4836G	53.42	54.00	-0.58	32.42	3	Vertical	136	2.27
PK	2.3876G	62.82	74.00	-11.18	32.11	3	Vertical	136	2.27
PK	2.4472G	117.64	Inf	-Inf	32.30	3	Vertical	136	2.27
PK	2.4836G	72.65	74.00	-1.35	32.42	3	Vertical	136	2.27

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

2452MHz_TX

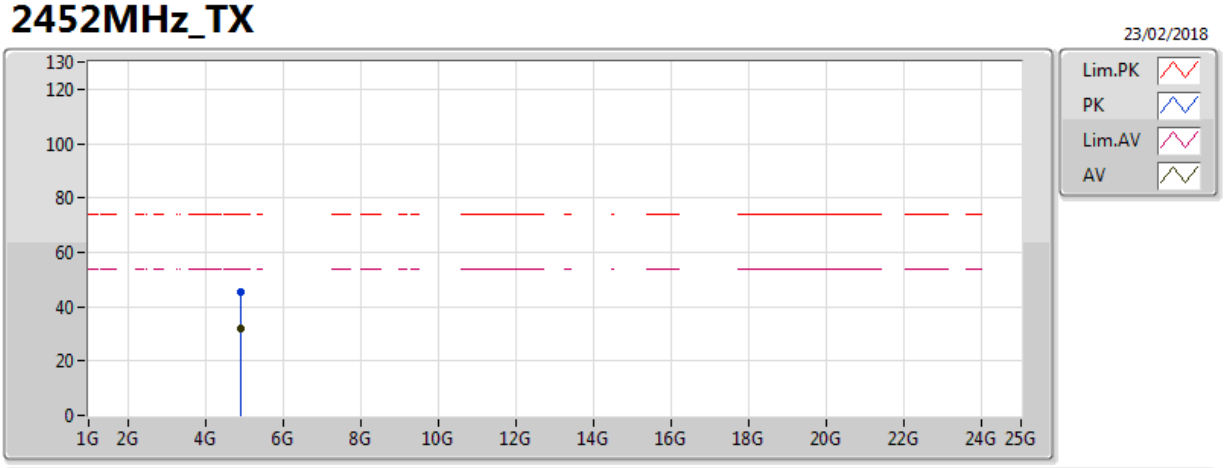


20180223
EUT Z_4 TX_Dipole
Setting 78
03-R-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.90812G	32.40	54.00	-21.60	4.95	3	Vertical	110	1.50
PK	4.90384G	46.09	74.00	-27.91	4.95	3	Vertical	110	1.50

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

2452MHz_TX

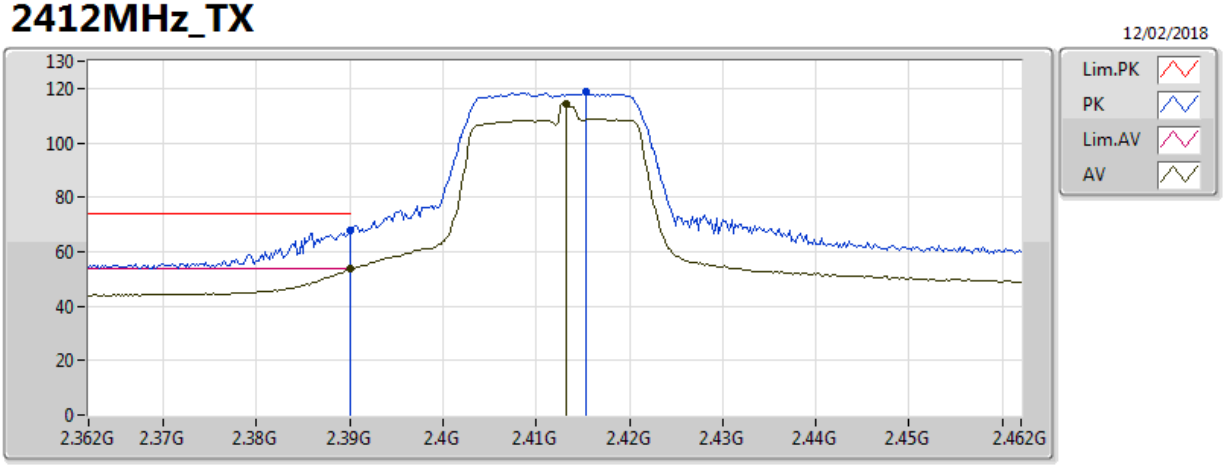


20180223
EUT Z_4 TX_Dipole
Setting 78
03-R-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.89748G	32.15	54.00	-21.85	4.94	3	Horizontal	16	2.39
PK	4.90444G	45.53	74.00	-28.47	4.95	3	Horizontal	16	2.39

802.11ac VHT20-BF_Nss2,(MCS0)_4TX

2412MHz_TX

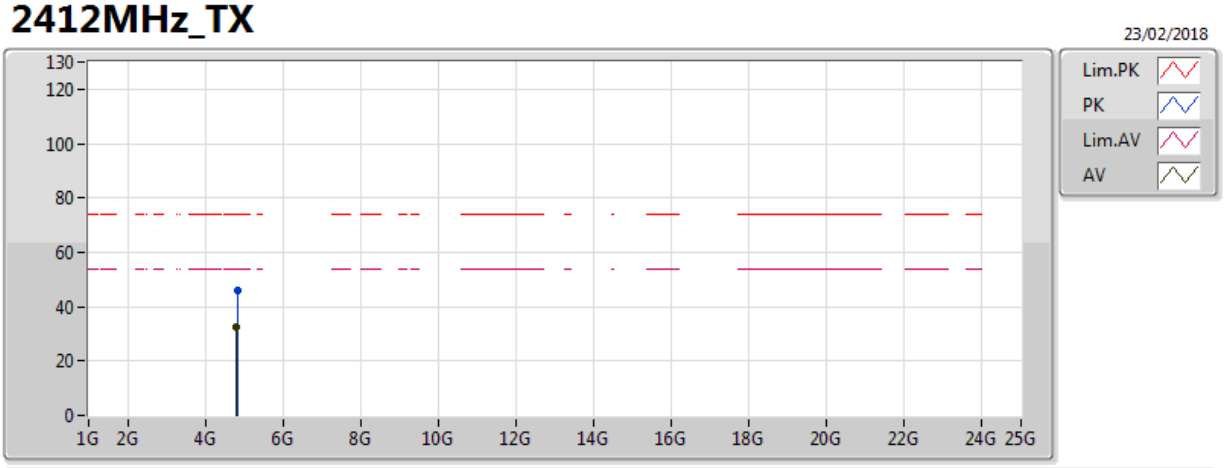


20180212
EUT Z_4 TX_Dipole
Setting 78
06-L-3
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.39G	53.85	54.00	-0.15	32.12	3	Vertical	247	2.52
AV	2.4132G	114.35	Inf	-Inf	32.19	3	Vertical	247	2.52
PK	2.39G	67.56	74.00	-6.44	32.12	3	Vertical	247	2.52
PK	2.4154G	119.03	Inf	-Inf	32.20	3	Vertical	247	2.52

802.11ac VHT20-BF_Nss2,(MCS0)_4TX

2412MHz_TX

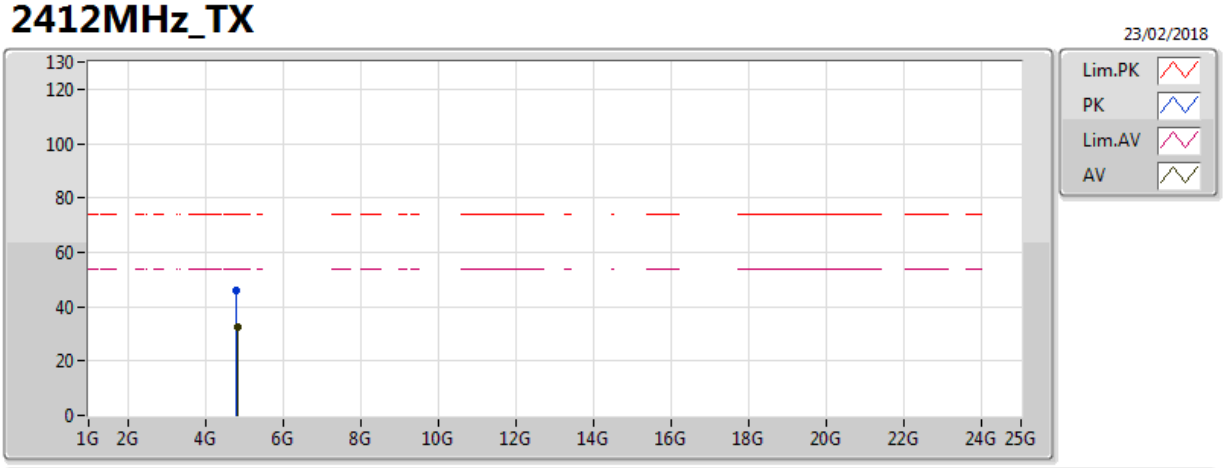


20180223
EUT Z_4 TX_Dipole
Setting 78
03-R-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.81664G	32.41	54.00	-21.59	4.85	3	Vertical	221	1.70
PK	4.82068G	46.03	74.00	-27.97	4.86	3	Vertical	221	1.70

802.11ac VHT20-BF_Nss2,(MCS0)_4TX

2412MHz_TX

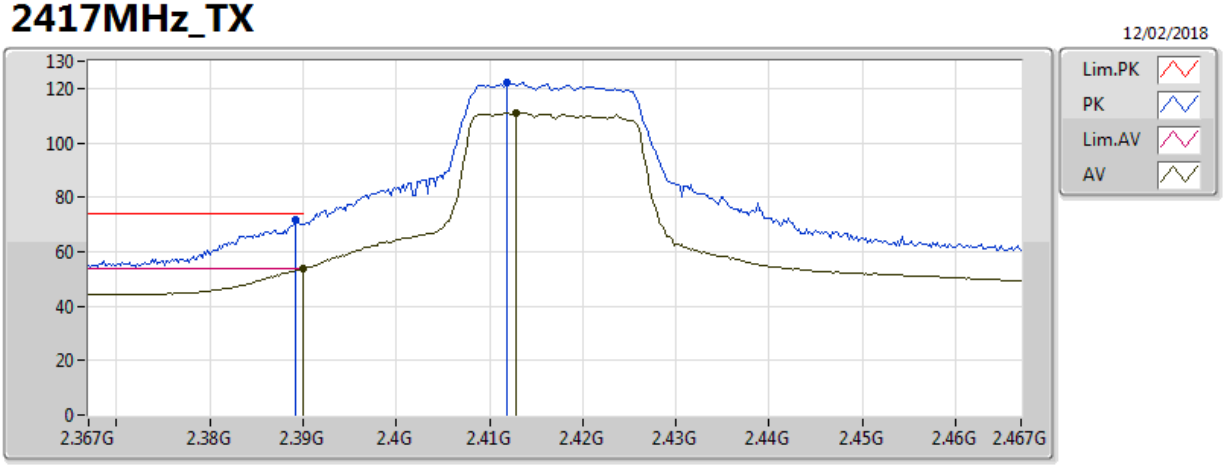


20180223
EUT Z_4 TX_Dipole
Setting 78
03-R-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.8182G	32.25	54.00	-21.75	4.85	3	Horizontal	86	1.52
PK	4.81688G	45.72	74.00	-28.28	4.85	3	Horizontal	86	1.52

802.11ac VHT20-BF_Nss2,(MCS0)_4TX

2417MHz_TX

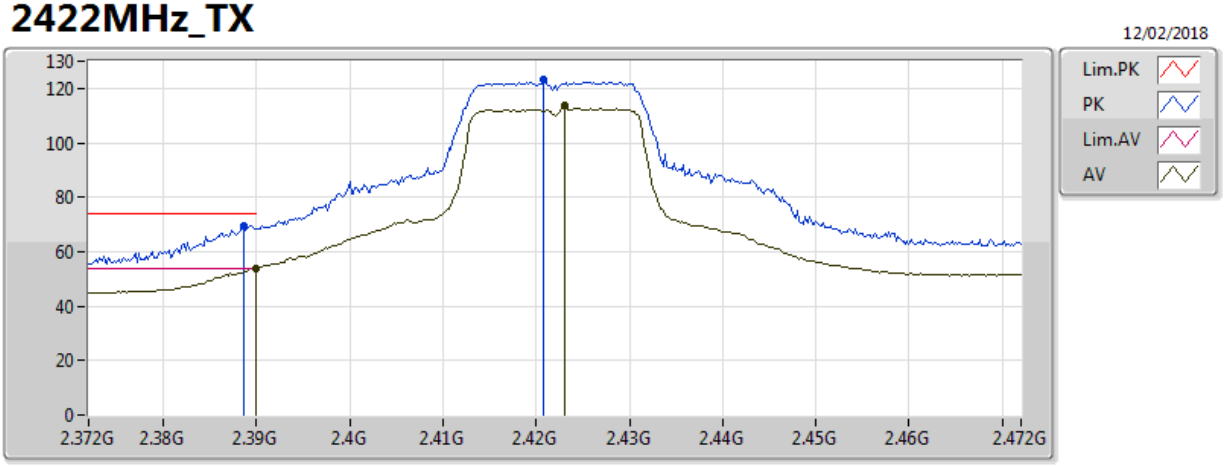


20180212
EUT Z_4 TX_Dipole
Setting 88
06-L-3
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.39G	53.64	54.00	-0.36	32.12	3	Vertical	225	2.95
AV	2.4128G	110.93	Inf	-Inf	32.19	3	Vertical	225	2.95
PK	2.3892G	71.51	74.00	-2.49	32.12	3	Vertical	225	2.95
PK	2.4118G	122.09	Inf	-Inf	32.19	3	Vertical	225	2.95

802.11ac VHT20-BF_Nss2,(MCS0)_4TX

2422MHz_TX

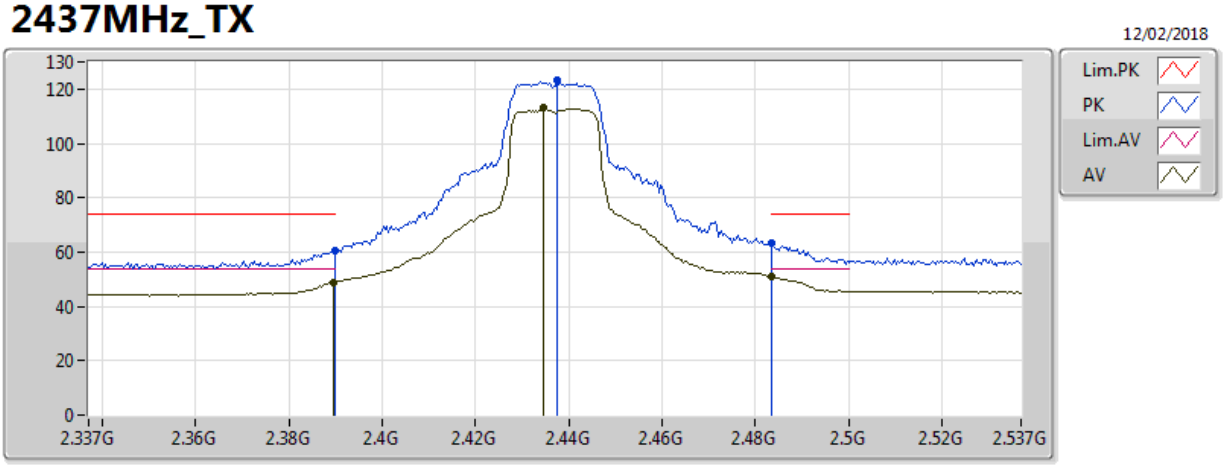


20180212
EUT Z_4 TX_Dipole
Setting 92
06-L-3
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.39G	53.88	54.00	-0.12	32.12	3	Vertical	300	2.36
AV	2.423G	113.89	Inf	-Inf	32.22	3	Vertical	300	2.36
PK	2.3886G	69.57	74.00	-4.43	32.11	3	Vertical	300	2.36
PK	2.4208G	123.28	Inf	-Inf	32.22	3	Vertical	300	2.36

802.11ac VHT20-BF_Nss2,(MCS0)_4TX

2437MHz_TX

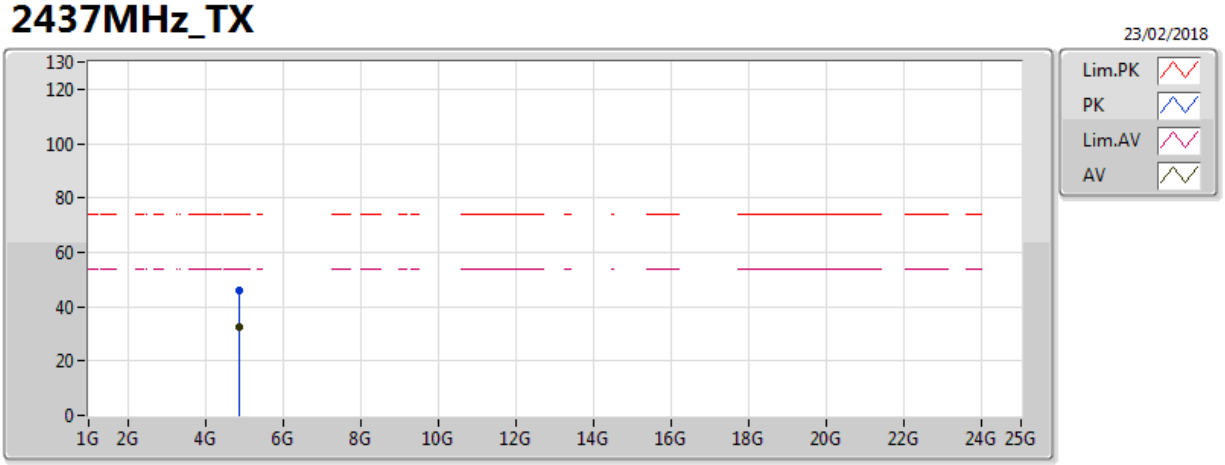


20180212
EUT Z_4 TX_Dipole
Setting 96
06-L-3
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.3894G	48.94	54.00	-5.06	32.12	3	Vertical	312	1.50
AV	2.4346G	112.97	Inf	-Inf	32.26	3	Vertical	312	1.50
AV	2.483502G	51.20	54.00	-2.80	32.42	3	Vertical	312	1.50
PK	2.389998G	60.49	74.00	-13.51	32.12	3	Vertical	312	1.50
PK	2.4374G	123.04	Inf	-Inf	32.27	3	Vertical	312	1.50
PK	2.483502G	63.12	74.00	-10.88	32.42	3	Vertical	312	1.50

802.11ac VHT20-BF_Nss2,(MCS0)_4TX

2437MHz_TX

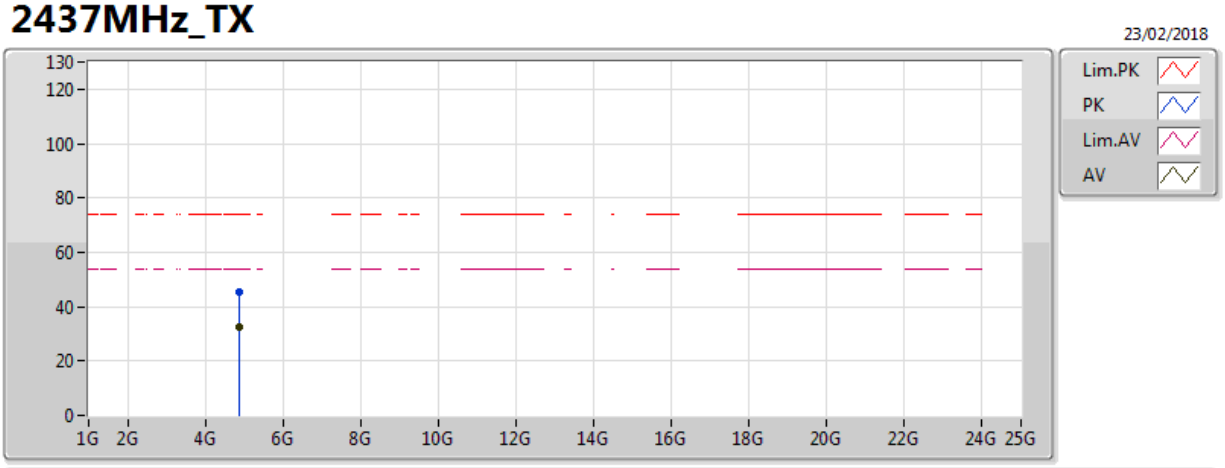


20180223
EUT Z_4 TX_Dipole
Setting 96
03-R-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.87348G	32.33	54.00	-21.67	4.91	3	Vertical	165	1.80
PK	4.8732G	45.92	74.00	-28.08	4.91	3	Vertical	165	1.80

802.11ac VHT20-BF_Nss2,(MCS0)_4TX

2437MHz_TX

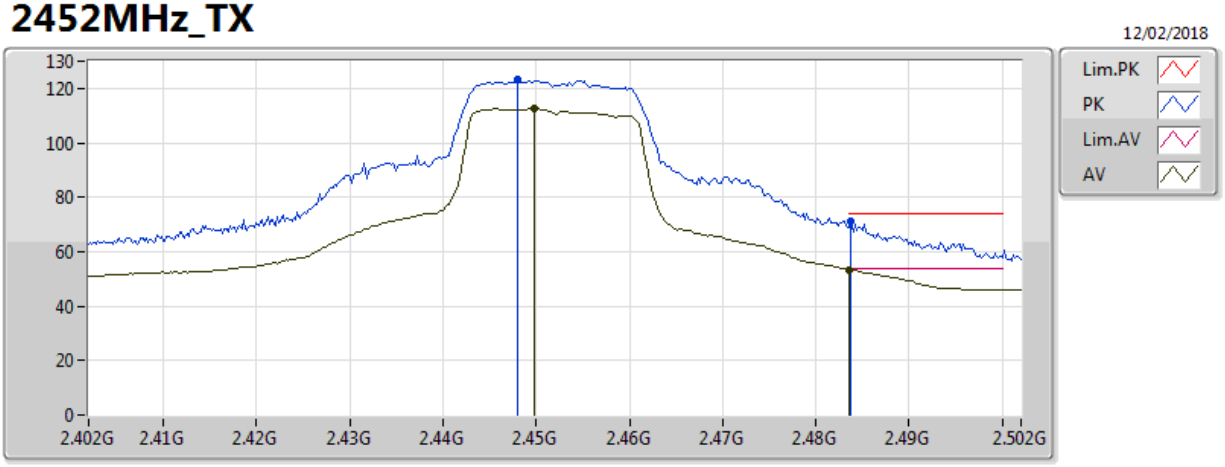


20180223
EUT Z_4 TX_Dipole
Setting 96
03-R-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.8746G	32.32	54.00	-21.68	4.91	3	Horizontal	296	2.11
PK	4.87832G	45.51	74.00	-28.49	4.92	3	Horizontal	296	2.11

802.11ac VHT20-BF_Nss2,(MCS0)_4TX

2452MHz_TX

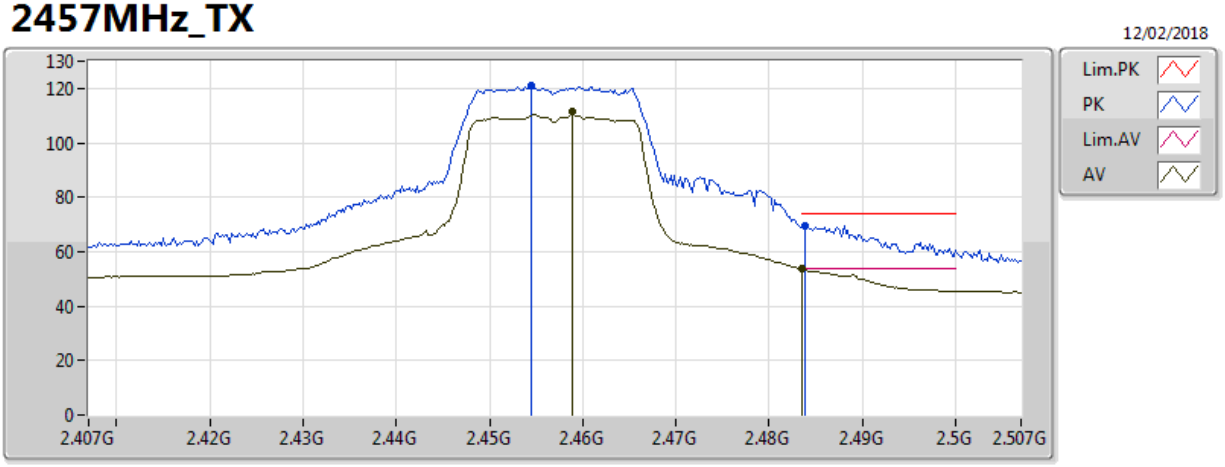


20180212
EUT Z_4 TX_Dipole
Setting 93
06-L-3
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.4498G	112.86	Inf	-Inf	32.31	3	Vertical	123	2.27
AV	2.483502G	53.48	54.00	-0.52	32.42	3	Vertical	123	2.27
PK	2.448G	123.25	Inf	-Inf	32.31	3	Vertical	123	2.27
PK	2.4838G	71.22	74.00	-2.78	32.42	3	Vertical	123	2.27

802.11ac VHT20-BF_Nss2,(MCS0)_4TX

2457MHz_TX

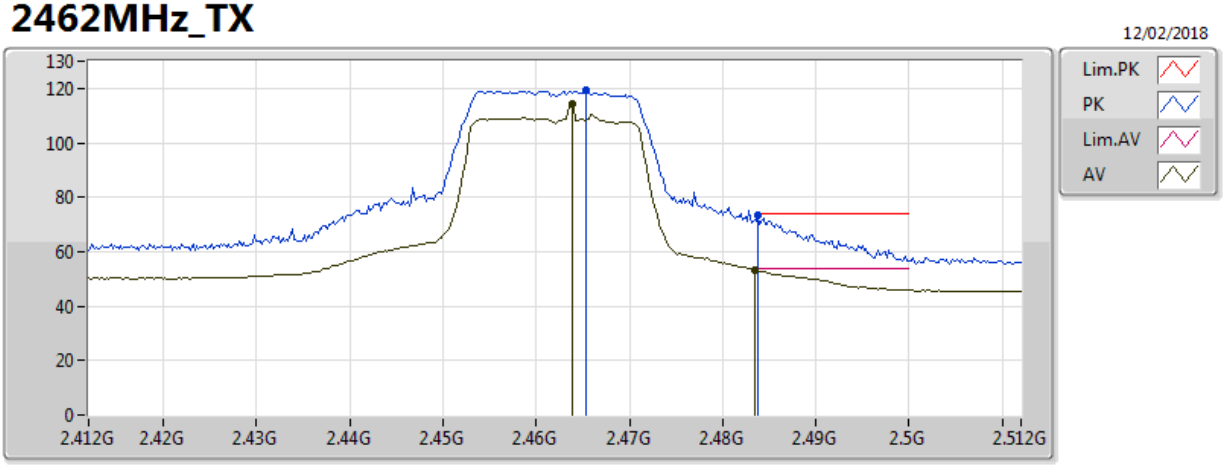


20180212
EUT Z_4 TX_Dipole
Setting 88
06-L-3
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.4588G	111.24	Inf	-Inf	32.34	3	Vertical	33	1.87
AV	2.483502G	53.56	54.00	-0.44	32.42	3	Vertical	33	1.87
PK	2.4544G	120.88	Inf	-Inf	32.33	3	Vertical	33	1.87
PK	2.4838G	69.53	74.00	-4.47	32.42	3	Vertical	33	1.87

802.11ac VHT20-BF_Nss2,(MCS0)_4TX

2462MHz_TX

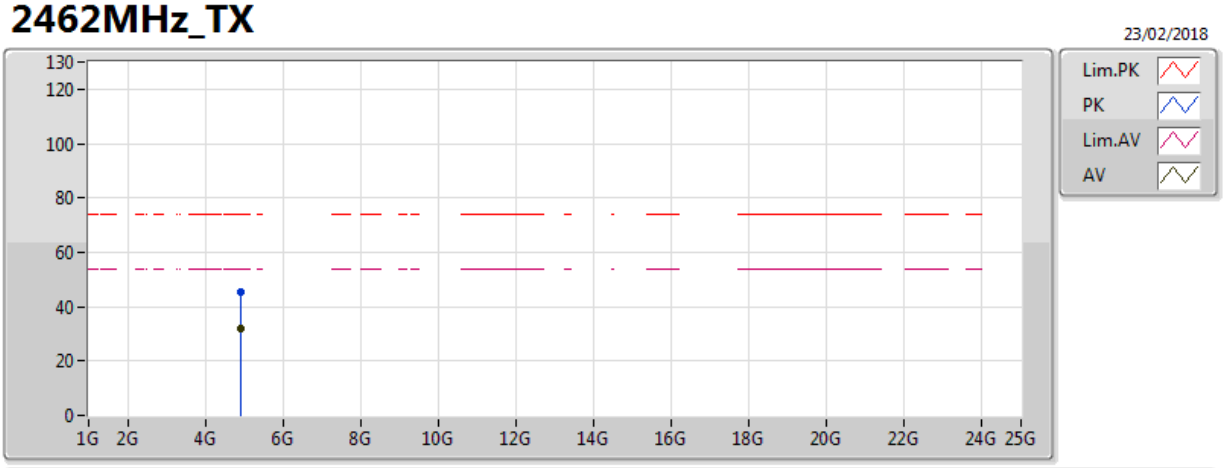


20180212
EUT Z_4 TX_Dipole
Setting 83
06-L-3
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.4638G	114.23	Inf	-Inf	32.36	3	Vertical	212	2.32
AV	2.483502G	53.36	54.00	-0.64	32.42	3	Vertical	212	2.32
PK	2.4654G	119.14	Inf	-Inf	32.36	3	Vertical	212	2.32
PK	2.4838G	73.64	74.00	-0.36	32.42	3	Vertical	212	2.32

802.11ac VHT20-BF_Nss2,(MCS0)_4TX

2462MHz_TX

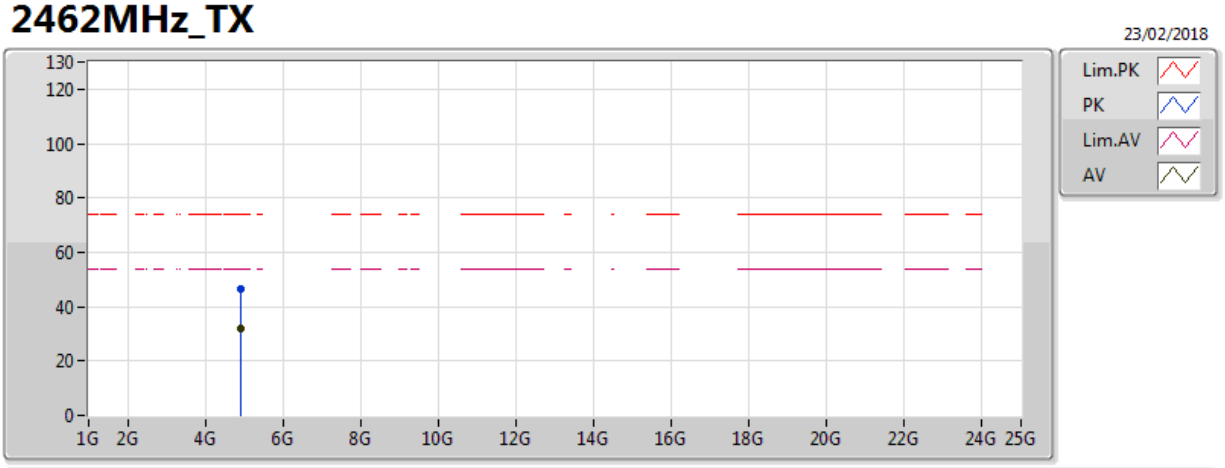


20180223
EUT Z_4 TX_Dipole
Setting 83
03-R-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.92952G	31.82	54.00	-22.18	4.99	3	Vertical	148	1.46
PK	4.91652G	45.41	74.00	-28.59	4.97	3	Vertical	148	1.46

802.11ac VHT20-BF_Nss2,(MCS0)_4TX

2462MHz_TX

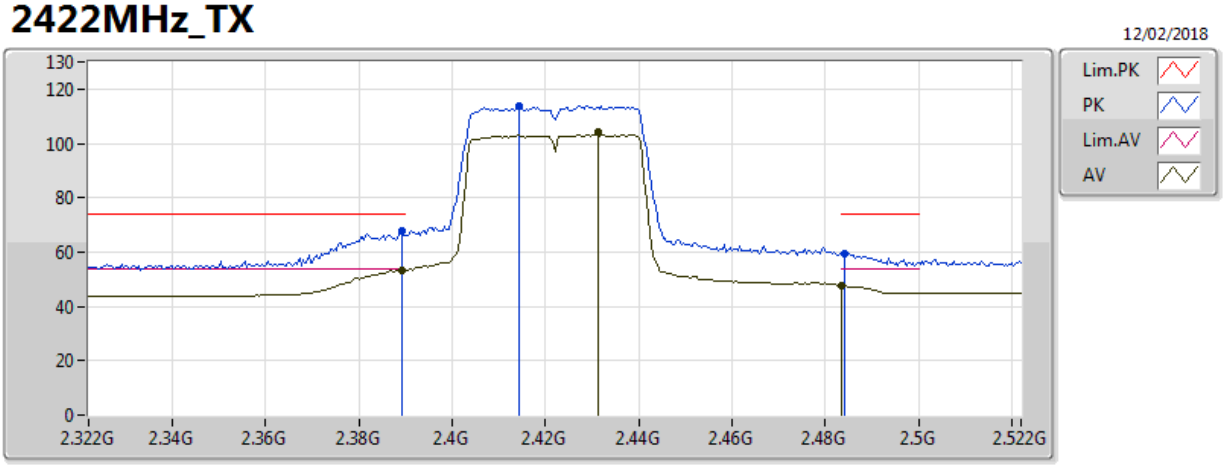


20180223
EUT Z_4 TX_Dipole
Setting 83
03-R-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.91776G	31.91	54.00	-22.09	4.97	3	Horizontal	136	1.51
PK	4.9266G	46.40	74.00	-27.60	4.98	3	Horizontal	136	1.51

802.11ac VHT40-BF_Nss2,(MCS0)_4TX

2422MHz_TX

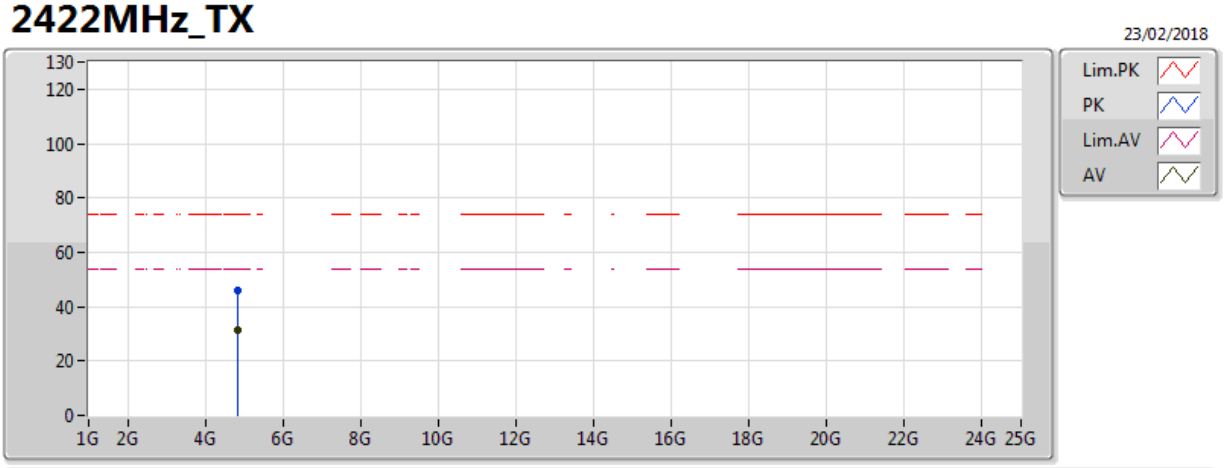


20180212
EUT Z_4 TX_Dipole
Setting 68
06-L-3
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.3892G	53.34	54.00	-0.66	32.12	3	Vertical	121	2.11
AV	2.4312G	103.96	Inf	-Inf	32.25	3	Vertical	121	2.11
AV	2.4836G	47.61	54.00	-6.39	32.42	3	Vertical	121	2.11
PK	2.3892G	67.82	74.00	-6.18	32.12	3	Vertical	121	2.11
PK	2.4144G	114.03	Inf	-Inf	32.20	3	Vertical	121	2.11
PK	2.484G	59.26	74.00	-14.74	32.42	3	Vertical	121	2.11

802.11ac VHT40-BF_Nss2,(MCS0)_4TX

2422MHz_TX

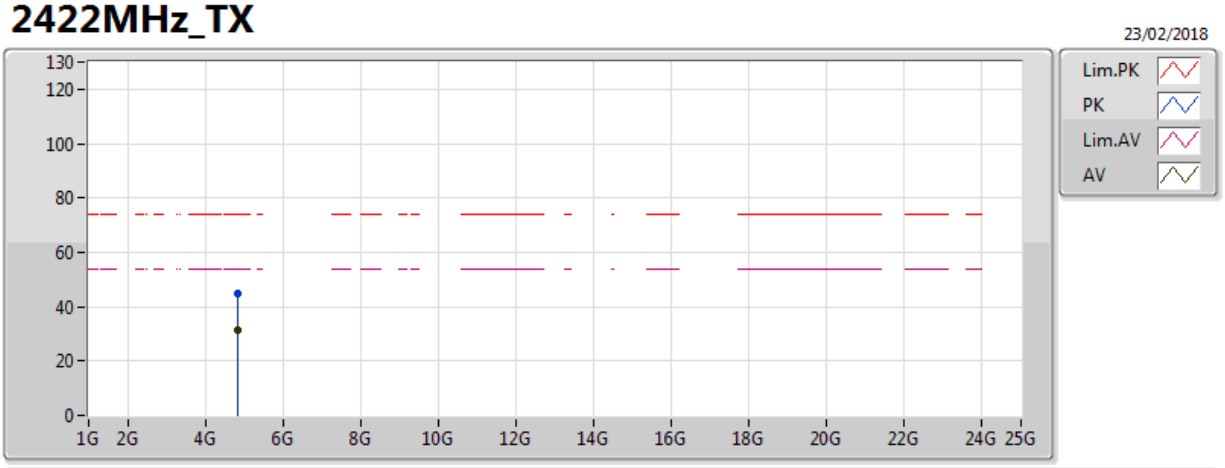


20180223
EUT Z_4 TX_Dipole
Setting 68
03-R-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.8538G	31.27	54.00	-22.73	4.89	3	Vertical	169	2.15
PK	4.84244G	45.70	74.00	-28.30	4.88	3	Vertical	169	2.15

802.11ac VHT40-BF_Nss2,(MCS0)_4TX

2422MHz_TX

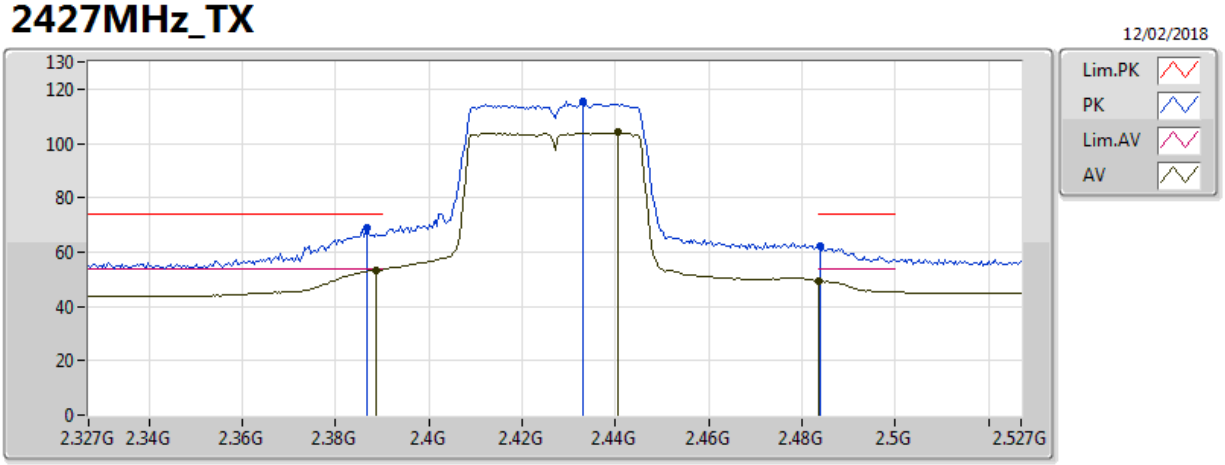


20180223
EUT Z_4 TX_Dipole
Setting 68
03-R-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.85344G	31.28	54.00	-22.72	4.89	3	Horizontal	24	1.47
PK	4.84524G	45.01	74.00	-28.99	4.88	3	Horizontal	24	1.47

802.11ac VHT40-BF_Nss2,(MCS0)_4TX

2427MHz_TX

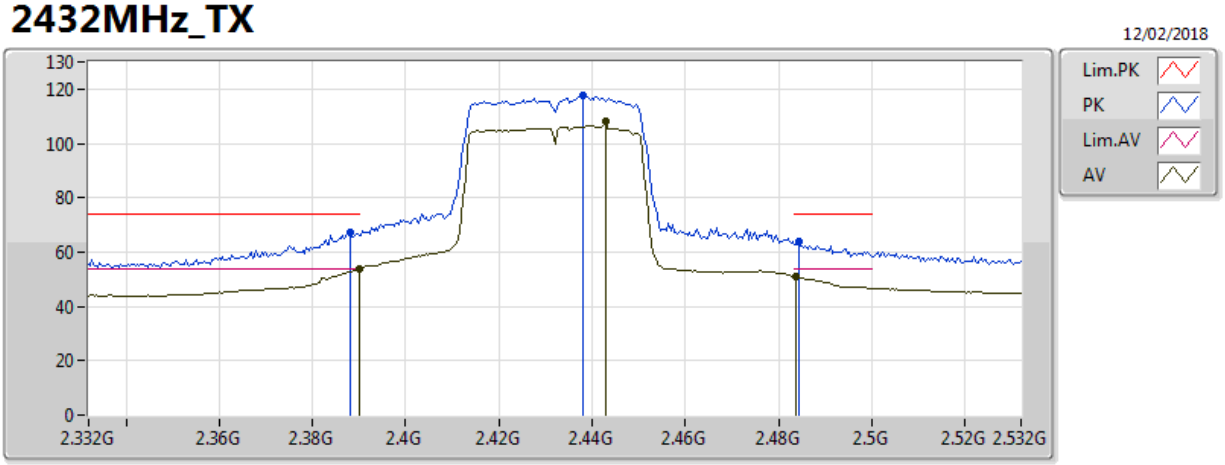


20180212
EUT Z_4 TX_Dipole
Setting 72
06-L-3
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.3886G	53.50	54.00	-0.50	32.11	3	Vertical	122	1.85
AV	2.4406G	103.99	Inf	-Inf	32.28	3	Vertical	122	1.85
AV	2.483502G	49.42	54.00	-4.58	32.42	3	Vertical	122	1.85
PK	2.3866G	68.72	74.00	-5.28	32.11	3	Vertical	122	1.85
PK	2.433G	115.33	Inf	-Inf	32.26	3	Vertical	122	1.85
PK	2.4838G	62.03	74.00	-11.97	32.42	3	Vertical	122	1.85

802.11ac VHT40-BF_Nss2,(MCS0)_4TX

2432MHz_TX

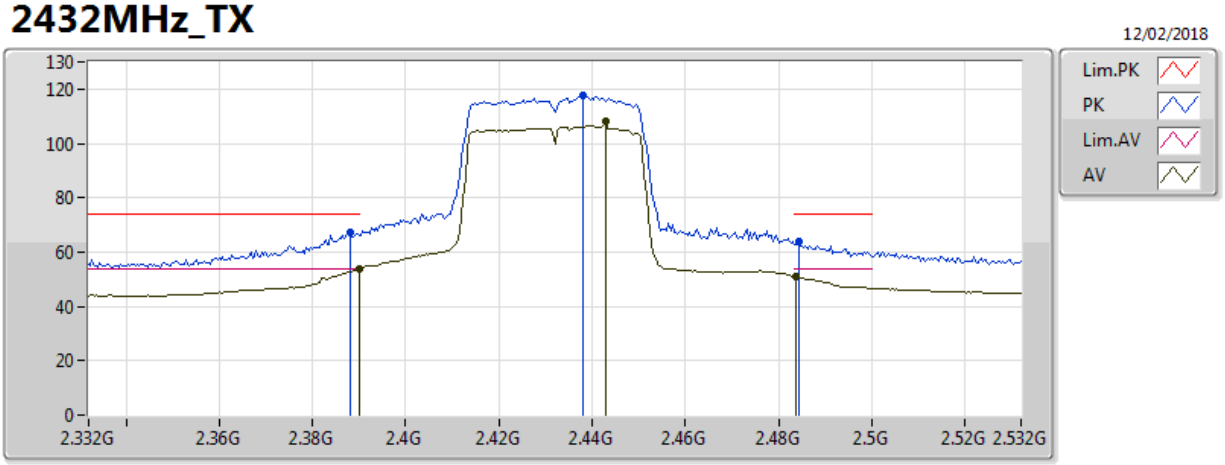


20180212
EUT Z_4 TX_Dipole
Setting 76
06-L-3
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.39G	53.55	54.00	-0.45	32.12	3	Vertical	305	1.94
AV	2.4428G	107.93	Inf	-Inf	32.29	3	Vertical	305	1.94
AV	2.4836G	50.99	54.00	-3.01	32.42	3	Vertical	305	1.94
PK	2.388G	67.12	74.00	-6.88	32.11	3	Vertical	305	1.94
PK	2.438G	117.71	Inf	-Inf	32.27	3	Vertical	305	1.94
PK	2.4844G	63.60	74.00	-10.40	32.42	3	Vertical	305	1.94

802.11ac VHT40-BF_Nss2,(MCS0)_4TX

2432MHz_TX

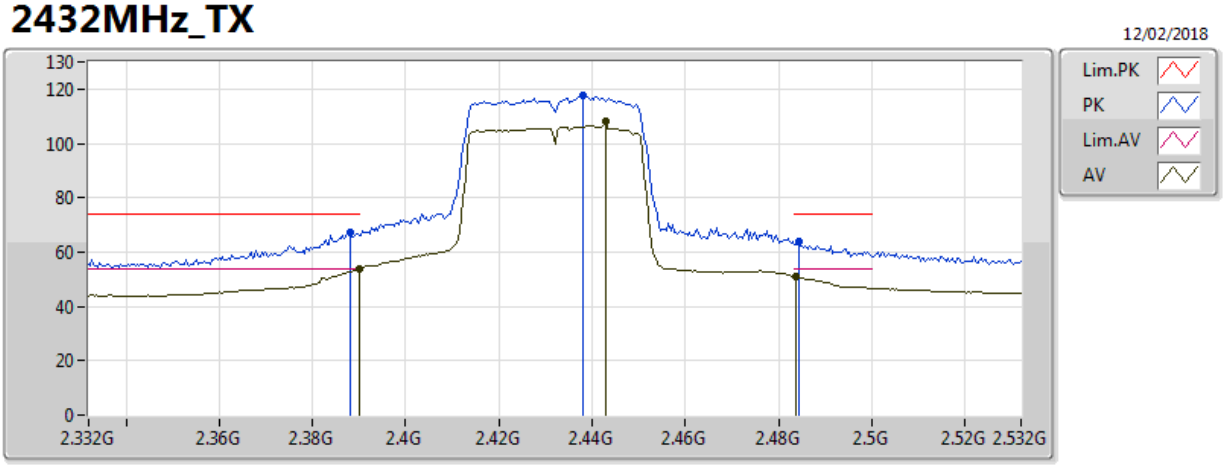


20180212
EUT Z_4 TX_Dipole
Setting 76
06-L-3
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.39G	53.55	54.00	-0.45	32.12	3	Vertical	305	1.94
AV	2.4428G	107.93	Inf	-Inf	32.29	3	Vertical	305	1.94
AV	2.4836G	50.99	54.00	-3.01	32.42	3	Vertical	305	1.94
PK	2.388G	67.12	74.00	-6.88	32.11	3	Vertical	305	1.94
PK	2.438G	117.71	Inf	-Inf	32.27	3	Vertical	305	1.94
PK	2.4844G	63.60	74.00	-10.40	32.42	3	Vertical	305	1.94

802.11ac VHT40-BF_Nss2,(MCS0)_4TX

2432MHz_TX

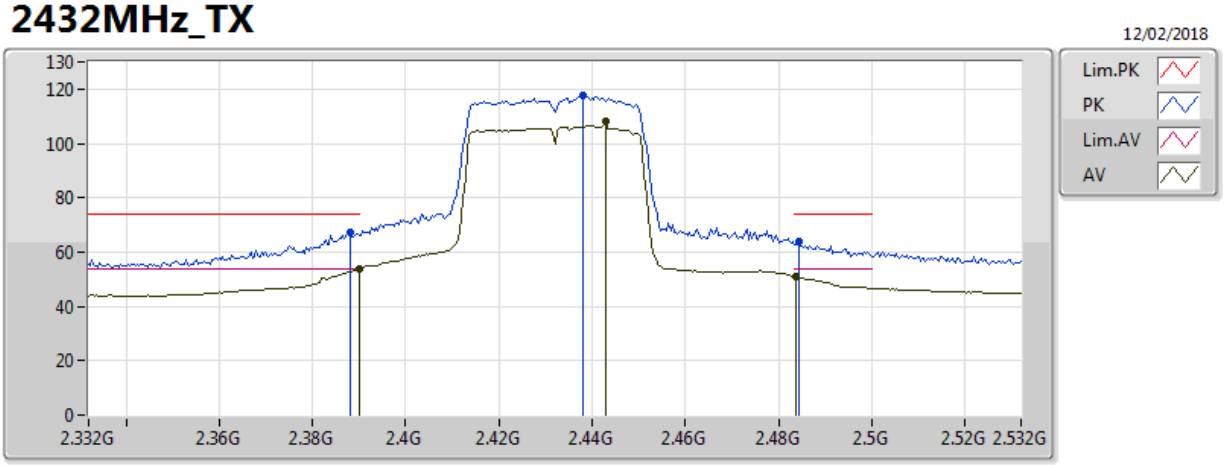


20180212
EUT Z_4 TX_Dipole
Setting 76
06-L-3
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.39G	53.55	54.00	-0.45	32.12	3	Vertical	305	1.94
AV	2.4428G	107.93	Inf	-Inf	32.29	3	Vertical	305	1.94
AV	2.4836G	50.99	54.00	-3.01	32.42	3	Vertical	305	1.94
PK	2.388G	67.12	74.00	-6.88	32.11	3	Vertical	305	1.94
PK	2.438G	117.71	Inf	-Inf	32.27	3	Vertical	305	1.94
PK	2.4844G	63.60	74.00	-10.40	32.42	3	Vertical	305	1.94

802.11ac VHT40-BF_Nss2,(MCS0)_4TX

2432MHz_TX

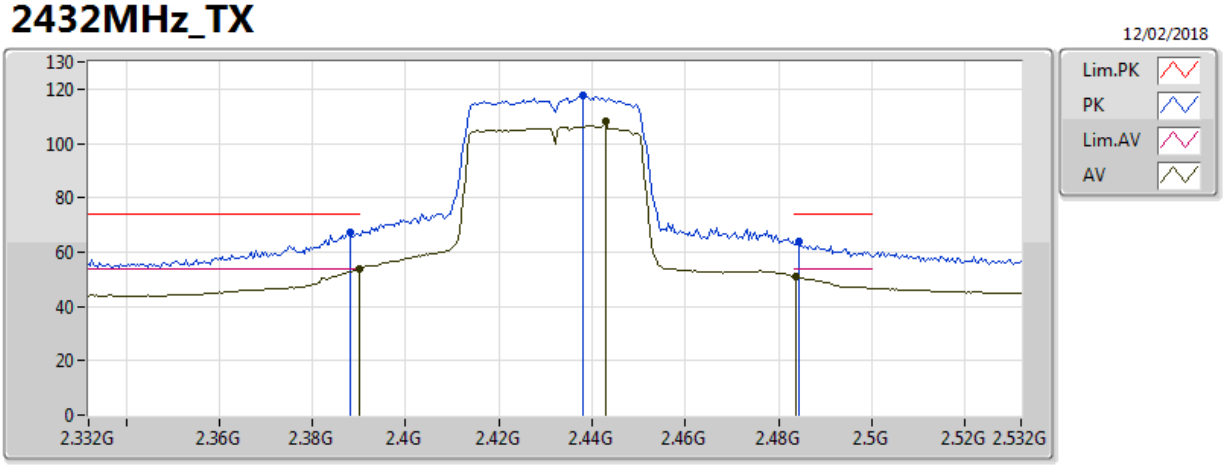


20180212
EUT Z_4 TX_Dipole
Setting 76
06-L-3
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.39G	53.55	54.00	-0.45	32.12	3	Vertical	305	1.94
AV	2.4428G	107.93	Inf	-Inf	32.29	3	Vertical	305	1.94
AV	2.4836G	50.99	54.00	-3.01	32.42	3	Vertical	305	1.94
PK	2.388G	67.12	74.00	-6.88	32.11	3	Vertical	305	1.94
PK	2.438G	117.71	Inf	-Inf	32.27	3	Vertical	305	1.94
PK	2.4844G	63.60	74.00	-10.40	32.42	3	Vertical	305	1.94

802.11ac VHT40-BF_Nss2,(MCS0)_4TX

2432MHz_TX

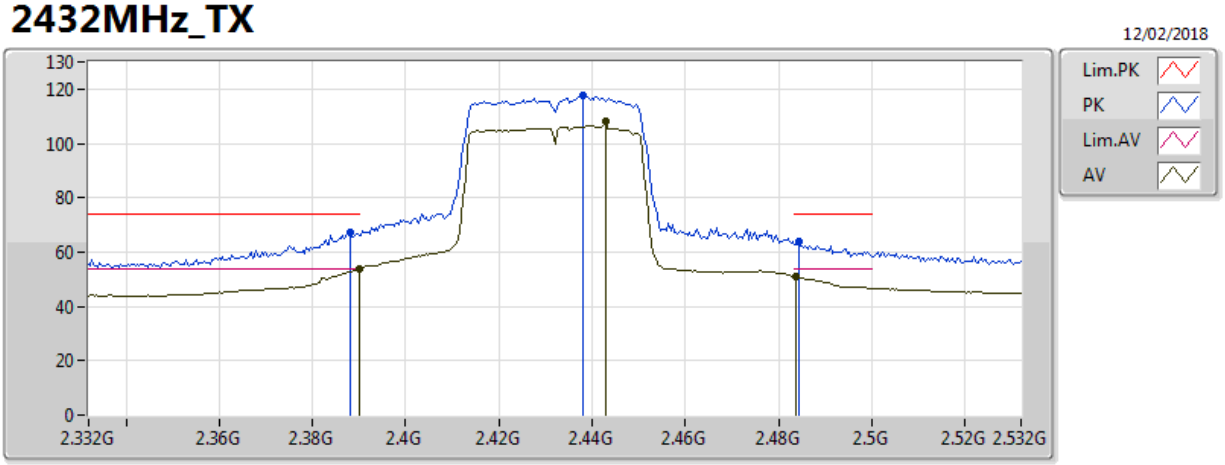


20180212
EUT Z_4 TX_Dipole
Setting 76
06-L-3
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.39G	53.55	54.00	-0.45	32.12	3	Vertical	305	1.94
AV	2.4428G	107.93	Inf	-Inf	32.29	3	Vertical	305	1.94
AV	2.4836G	50.99	54.00	-3.01	32.42	3	Vertical	305	1.94
PK	2.388G	67.12	74.00	-6.88	32.11	3	Vertical	305	1.94
PK	2.438G	117.71	Inf	-Inf	32.27	3	Vertical	305	1.94
PK	2.4844G	63.60	74.00	-10.40	32.42	3	Vertical	305	1.94

802.11ac VHT40-BF_Nss2,(MCS0)_4TX

2432MHz_TX

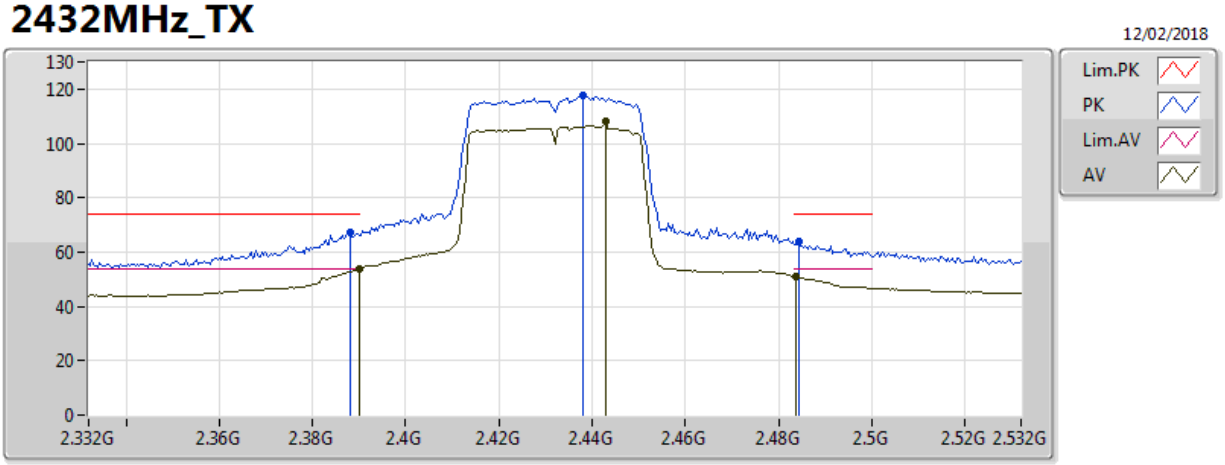


20180212
EUT Z_4 TX_Dipole
Setting 76
06-L-3
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.39G	53.55	54.00	-0.45	32.12	3	Vertical	305	1.94
AV	2.4428G	107.93	Inf	-Inf	32.29	3	Vertical	305	1.94
AV	2.4836G	50.99	54.00	-3.01	32.42	3	Vertical	305	1.94
PK	2.388G	67.12	74.00	-6.88	32.11	3	Vertical	305	1.94
PK	2.438G	117.71	Inf	-Inf	32.27	3	Vertical	305	1.94
PK	2.4844G	63.60	74.00	-10.40	32.42	3	Vertical	305	1.94

802.11ac VHT40-BF_Nss2,(MCS0)_4TX

2432MHz_TX

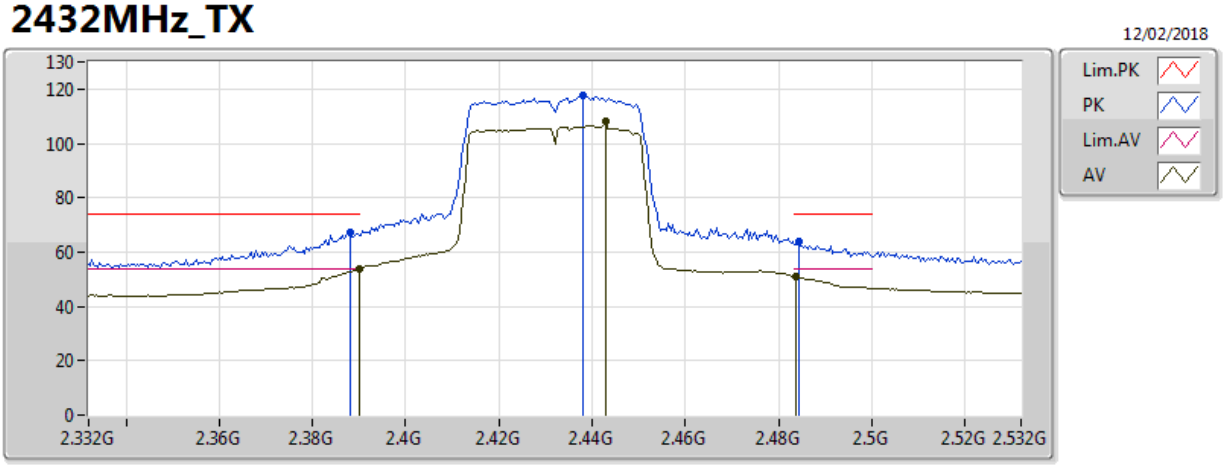


20180212
EUT Z_4 TX_Dipole
Setting 76
06-L-3
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.39G	53.55	54.00	-0.45	32.12	3	Vertical	305	1.94
AV	2.4428G	107.93	Inf	-Inf	32.29	3	Vertical	305	1.94
AV	2.4836G	50.99	54.00	-3.01	32.42	3	Vertical	305	1.94
PK	2.388G	67.12	74.00	-6.88	32.11	3	Vertical	305	1.94
PK	2.438G	117.71	Inf	-Inf	32.27	3	Vertical	305	1.94
PK	2.4844G	63.60	74.00	-10.40	32.42	3	Vertical	305	1.94

802.11ac VHT40-BF_Nss2,(MCS0)_4TX

2432MHz_TX

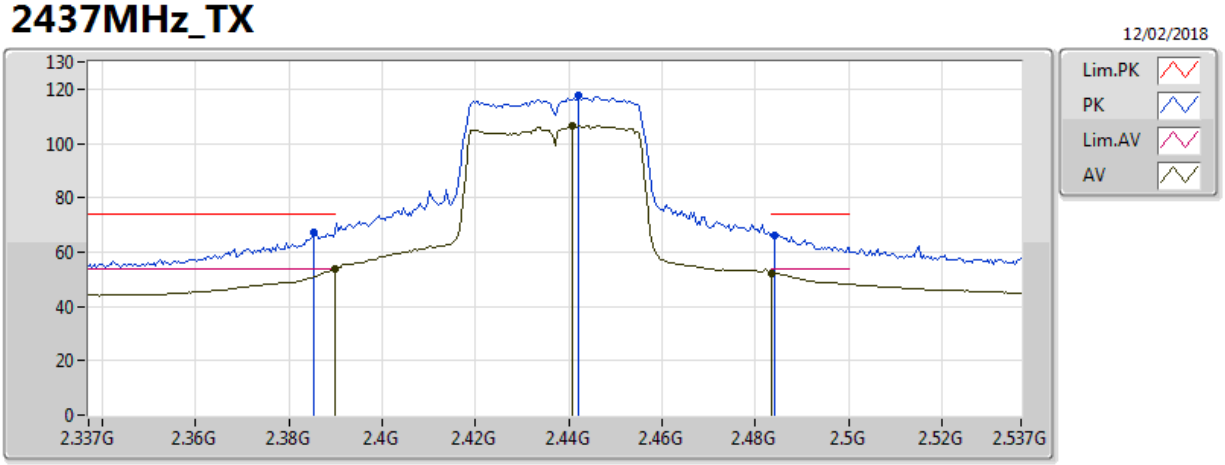


20180212
EUT Z_4 TX_Dipole
Setting 76
06-L-3
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.39G	53.55	54.00	-0.45	32.12	3	Vertical	305	1.94
AV	2.4428G	107.93	Inf	-Inf	32.29	3	Vertical	305	1.94
AV	2.4836G	50.99	54.00	-3.01	32.42	3	Vertical	305	1.94
PK	2.388G	67.12	74.00	-6.88	32.11	3	Vertical	305	1.94
PK	2.438G	117.71	Inf	-Inf	32.27	3	Vertical	305	1.94
PK	2.4844G	63.60	74.00	-10.40	32.42	3	Vertical	305	1.94

802.11ac VHT40-BF_Nss2,(MCS0)_4TX

2437MHz_TX

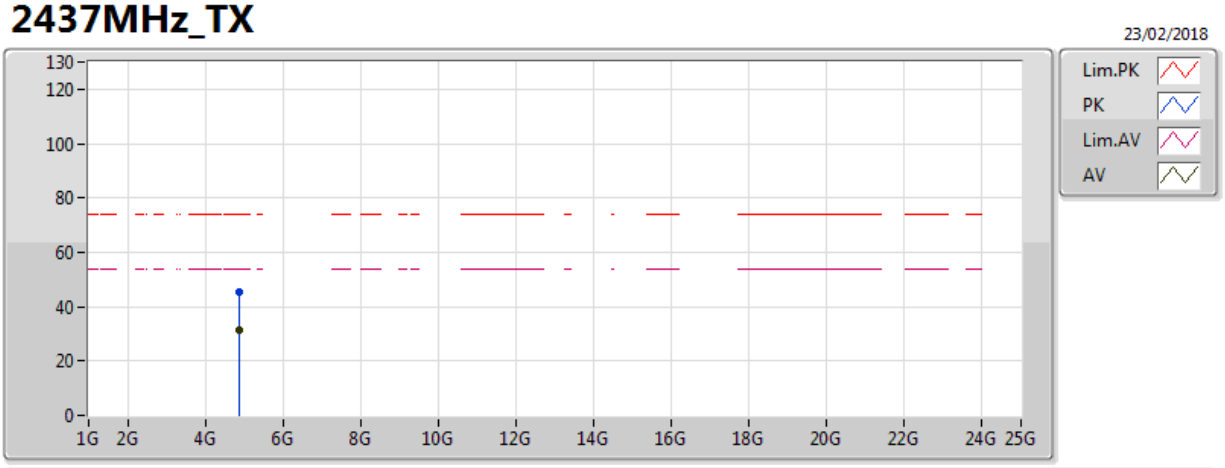


20180212
EUT Z_4 TX_Dipole
Setting 84
06-L-3
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.389998G	53.69	54.00	-0.31	32.12	3	Vertical	317	1.50
AV	2.4406G	106.44	Inf	-Inf	32.28	3	Vertical	317	1.50
AV	2.483502G	52.19	54.00	-1.81	32.42	3	Vertical	317	1.50
PK	2.3854G	67.37	74.00	-6.63	32.10	3	Vertical	317	1.50
PK	2.4422G	117.40	Inf	-Inf	32.29	3	Vertical	317	1.50
PK	2.4842G	66.25	74.00	-7.75	32.42	3	Vertical	317	1.50

802.11ac VHT40-BF_Nss2,(MCS0)_4TX

2437MHz_TX

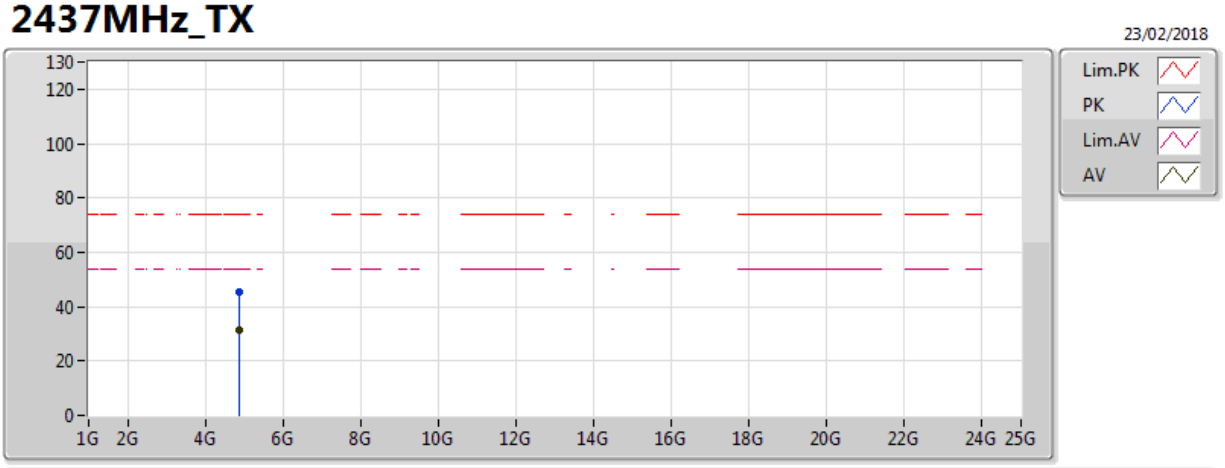


20180223
EUT Z_4 TX_Dipole
Setting 84
03-R-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.87636G	31.64	54.00	-22.36	4.92	3	Vertical	142	1.96
PK	4.87632G	45.38	74.00	-28.62	4.92	3	Vertical	142	1.96

802.11ac VHT40-BF_Nss2,(MCS0)_4TX

2437MHz_TX

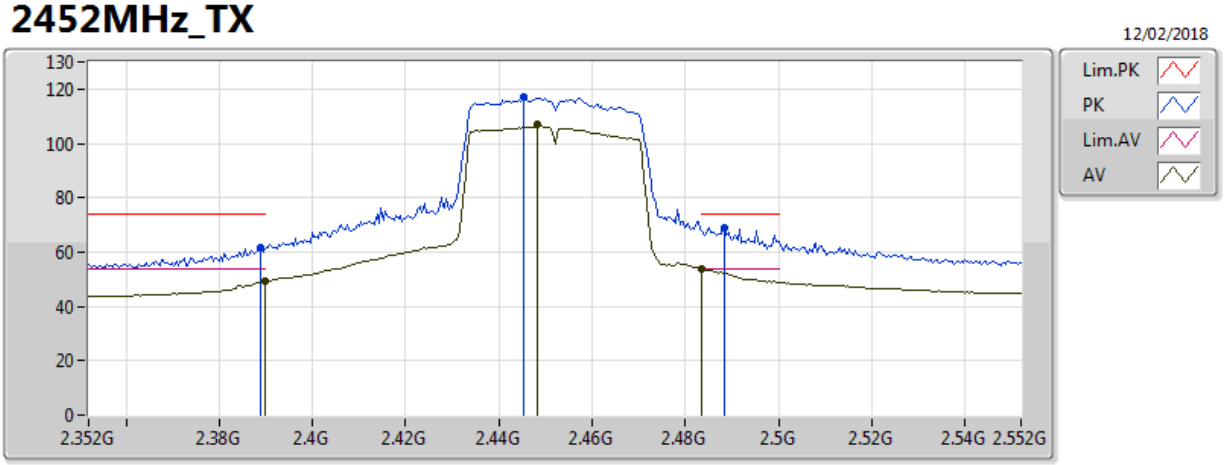


20180223
EUT Z_4 TX_Dipole
Setting 84
03-R-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.8738G	31.61	54.00	-22.39	4.91	3	Horizontal	323	1.75
PK	4.87436G	45.38	74.00	-28.62	4.91	3	Horizontal	323	1.75

802.11ac VHT40-BF_Nss2,(MCS0)_4TX

2452MHz_TX

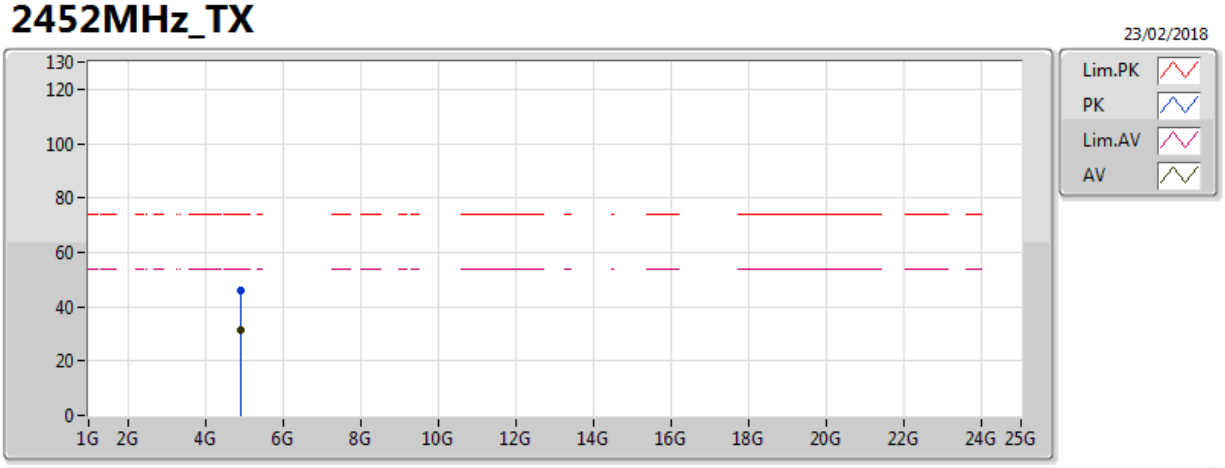


20180212
EUT Z_4 TX_Dipole
Setting 81
06-L-3
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.39G	49.25	54.00	-4.75	32.12	3	Vertical	59	2.01
AV	2.4484G	107.02	Inf	-Inf	32.31	3	Vertical	59	2.01
AV	2.4836G	53.95	54.00	-0.05	32.42	3	Vertical	59	2.01
PK	2.3888G	61.70	74.00	-12.30	32.11	3	Vertical	59	2.01
PK	2.4452G	117.25	Inf	-Inf	32.30	3	Vertical	59	2.01
PK	2.4884G	69.09	74.00	-4.91	32.44	3	Vertical	59	2.01

802.11ac VHT40-BF_Nss2,(MCS0)_4TX

2452MHz_TX

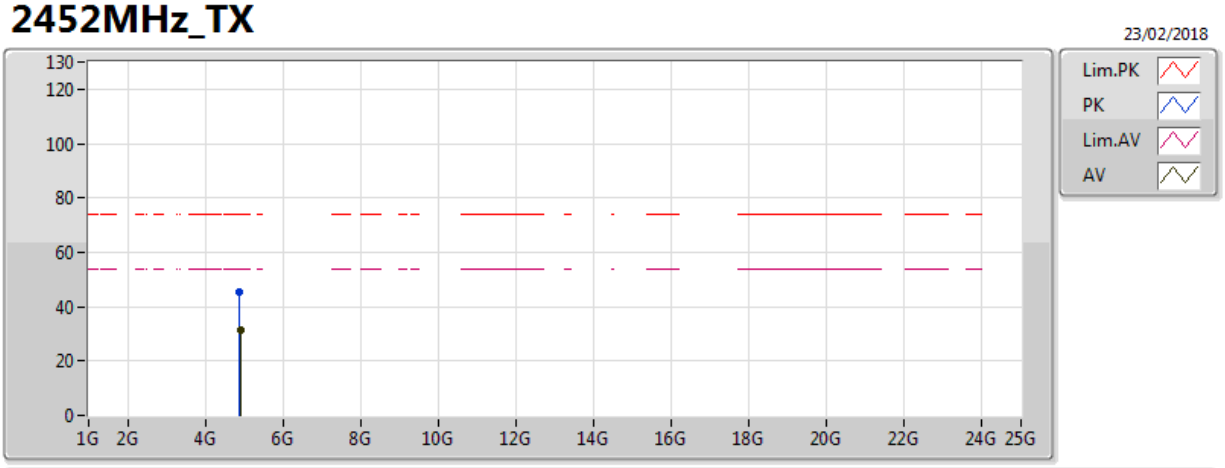


20180223
EUT Z_4 TX_Dipole
Setting 81
03-R-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.8978G	31.62	54.00	-22.38	4.94	3	Vertical	267	1.52
PK	4.89816G	45.70	74.00	-28.30	4.94	3	Vertical	267	1.52

802.11ac VHT40-BF_Nss2,(MCS0)_4TX

2452MHz_TX

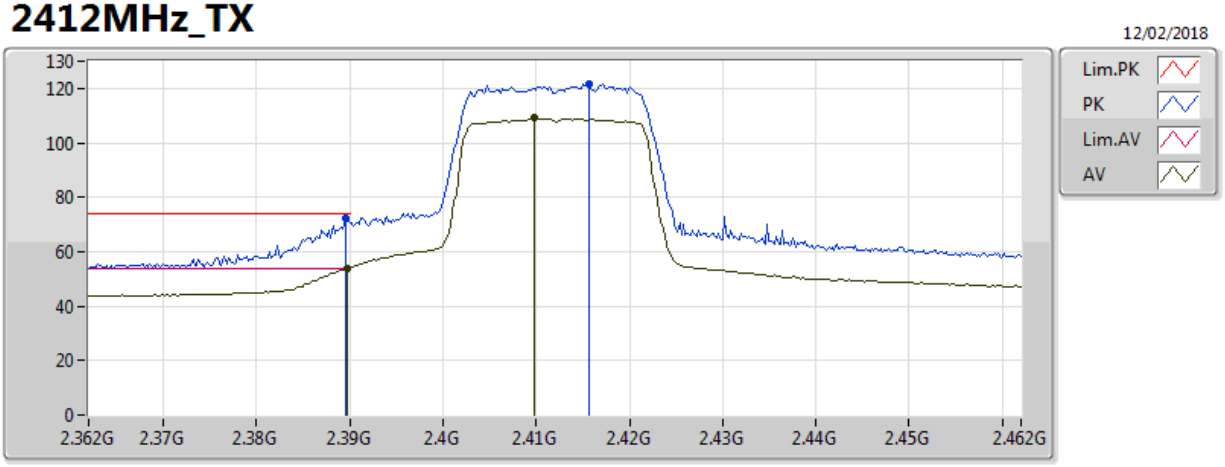


20180223
EUT Z_4 TX_Dipole
Setting 81
03-R-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.89764G	31.51	54.00	-22.49	4.94	3	Horizontal	89	1.42
PK	4.89492G	45.32	74.00	-28.68	4.94	3	Horizontal	89	1.42

HE20,BF_Nss1,(MCS0)_4TX

2412MHz_TX

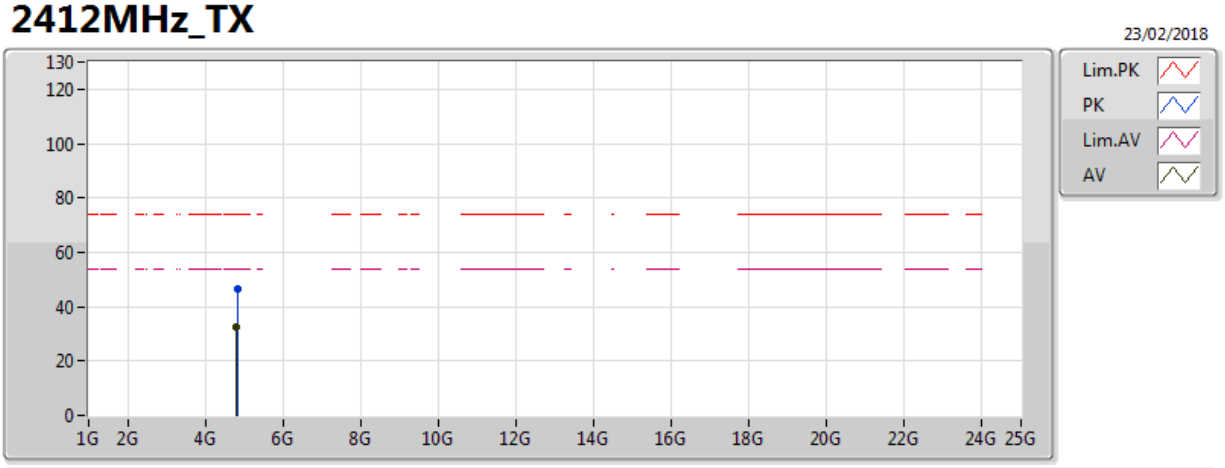


20180212
EUT Z_4 TX_Dipole
Setting 70
06-L-3
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.3898G	53.88	54.00	-0.12	32.12	3	Vertical	58	1.81
AV	2.4098G	109.01	Inf	-Inf	32.18	3	Vertical	58	1.81
PK	2.3896G	72.21	74.00	-1.79	32.12	3	Vertical	58	1.81
PK	2.4156G	121.74	Inf	-Inf	32.20	3	Vertical	58	1.81

HE20,BF_Nss1,(MCS0)_4TX

2412MHz_TX

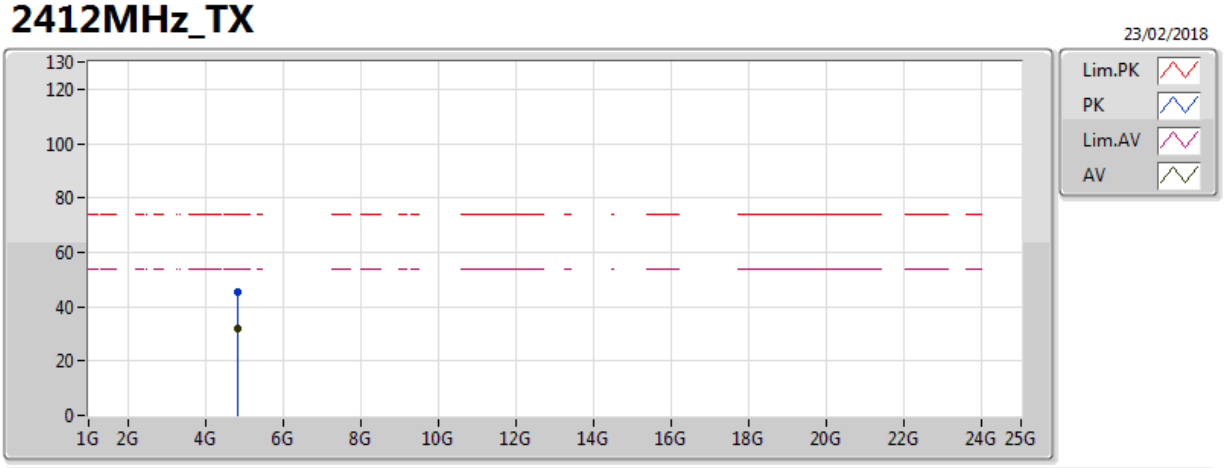


20180223
EUT Z_4 TX_Dipole
Setting 70
03-R-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.81436G	32.47	54.00	-21.53	4.85	3	Vertical	0	2.54
PK	4.83128G	46.67	74.00	-27.33	4.87	3	Vertical	0	2.54

HE20,BF_Nss1,(MCS0)_4TX

2412MHz_TX

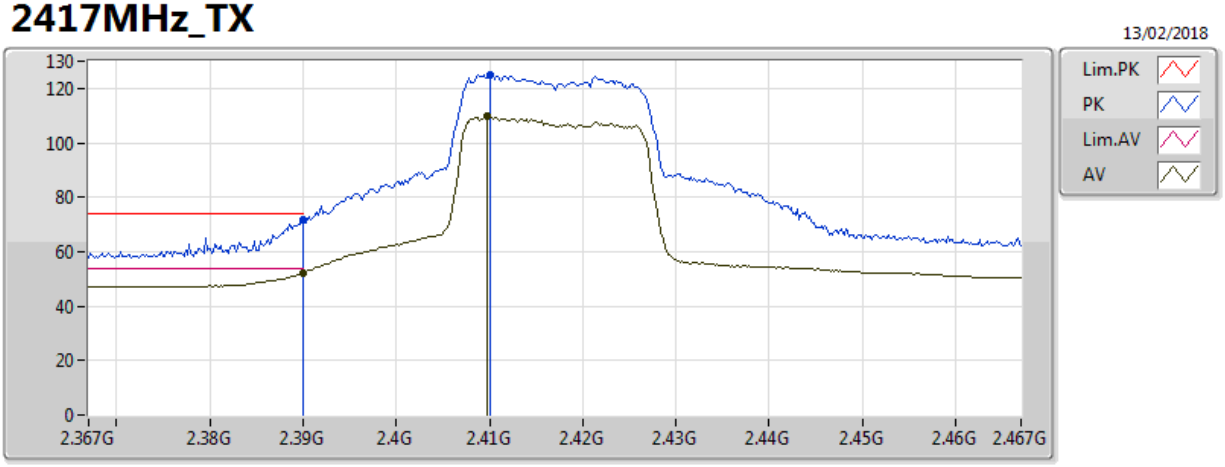


20180223
EUT Z_4 TX_Dipole
Setting 70
03-R-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.81772G	32.20	54.00	-21.80	4.85	3	Horizontal	168	1.44
PK	4.8222G	45.48	74.00	-28.52	4.86	3	Horizontal	168	1.44

HE20,BF_Nss1,(MCS0)_4TX

2417MHz_TX

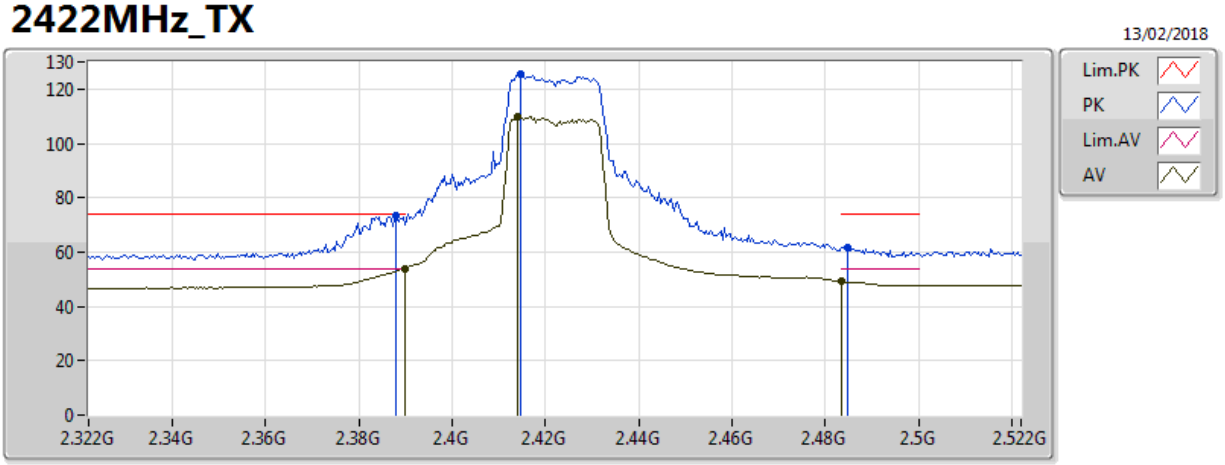


20180213
EUT Z_4TX_Dipole
Setting 82
02-N-2
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.39G	52.37	54.00	-1.63	32.14	3	Vertical	110	2.15
AV	2.4098G	109.92	Inf	-Inf	32.20	3	Vertical	110	2.15
PK	2.39G	71.65	74.00	-2.35	32.14	3	Vertical	110	2.15
PK	2.41G	125.03	Inf	-Inf	32.20	3	Vertical	110	2.15

HE20,BF_Nss1,(MCS0)_4TX

2422MHz_TX

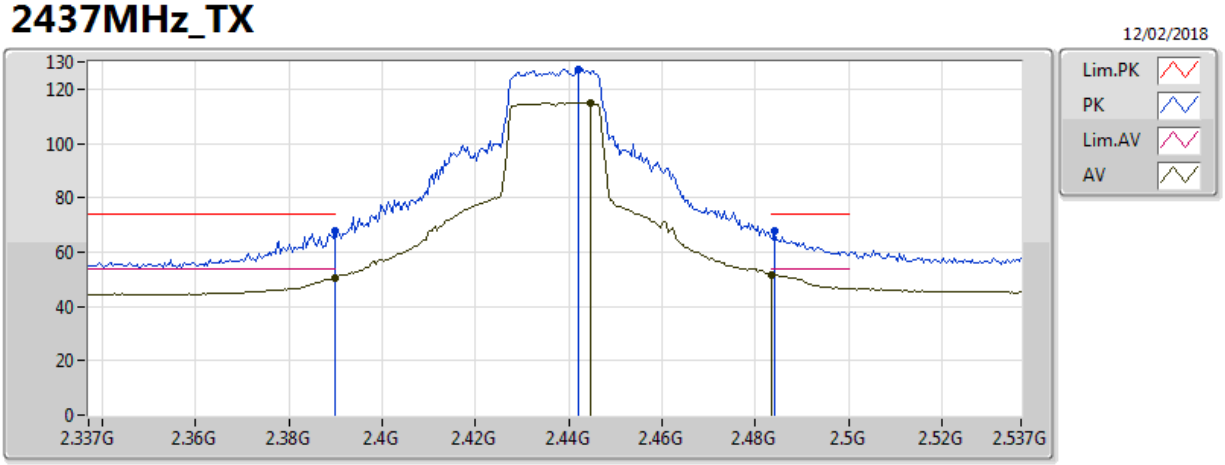


20180213
EUT Z_4TX_Dipole
Setting 88
02-N-2
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.39G	53.95	54.00	-0.05	32.14	3	Vertical	301	1.50
AV	2.414G	109.99	Inf	-Inf	32.22	3	Vertical	301	1.50
AV	2.4836G	49.05	54.00	-4.95	32.45	3	Vertical	301	1.50
PK	2.388G	73.67	74.00	-0.33	32.13	3	Vertical	301	1.50
PK	2.4148G	125.40	Inf	-Inf	32.22	3	Vertical	301	1.50
PK	2.4848G	61.75	74.00	-12.25	32.45	3	Vertical	301	1.50

HE20,BF_Nss1,(MCS0)_4TX

2437MHz_TX

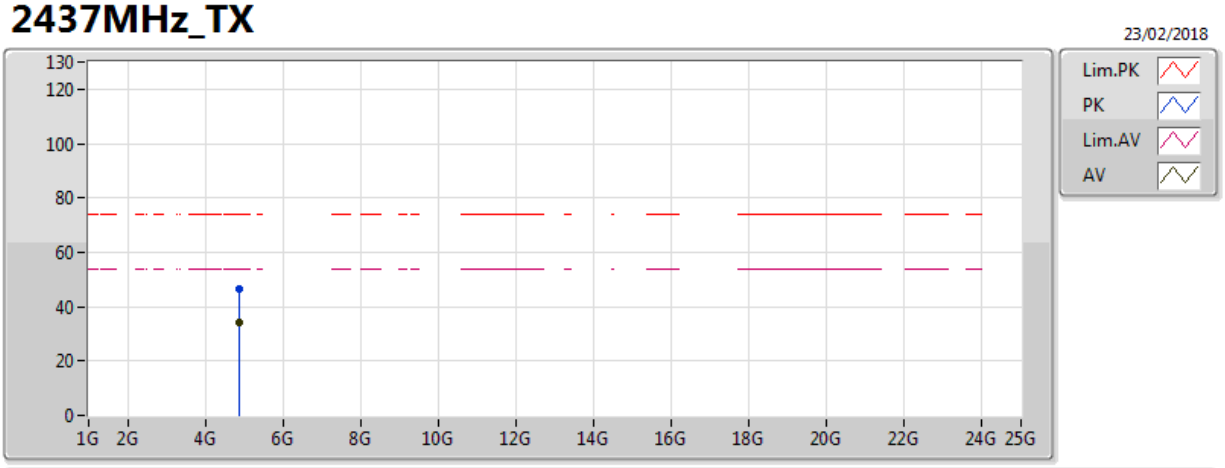


20180212
EUT Z_4 TX_Dipole
Setting 96
06-L-3
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.389998G	50.63	54.00	-3.37	32.12	3	Vertical	63	2.04
AV	2.4446G	114.96	Inf	-Inf	32.29	3	Vertical	63	2.04
AV	2.483502G	51.66	54.00	-2.34	32.42	3	Vertical	63	2.04
PK	2.389998G	67.68	74.00	-6.32	32.12	3	Vertical	63	2.04
PK	2.4422G	127.45	Inf	-Inf	32.29	3	Vertical	63	2.04
PK	2.4842G	67.61	74.00	-6.39	32.42	3	Vertical	63	2.04

HE20,BF_Nss1,(MCS0)_4TX

2437MHz_TX

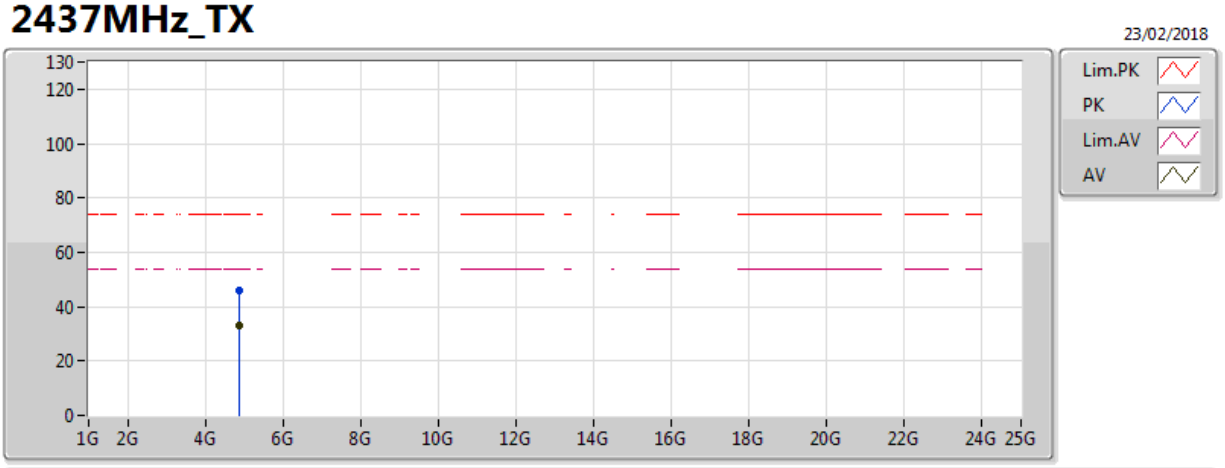


20180223
EUT Z_4 TX_Dipole
Setting 96
03-R-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.87096G	34.41	54.00	-19.59	4.91	3	Vertical	109	1.03
PK	4.88G	46.30	74.00	-27.70	4.92	3	Vertical	109	1.03

HE20,BF_Nss1,(MCS0)_4TX

2437MHz_TX

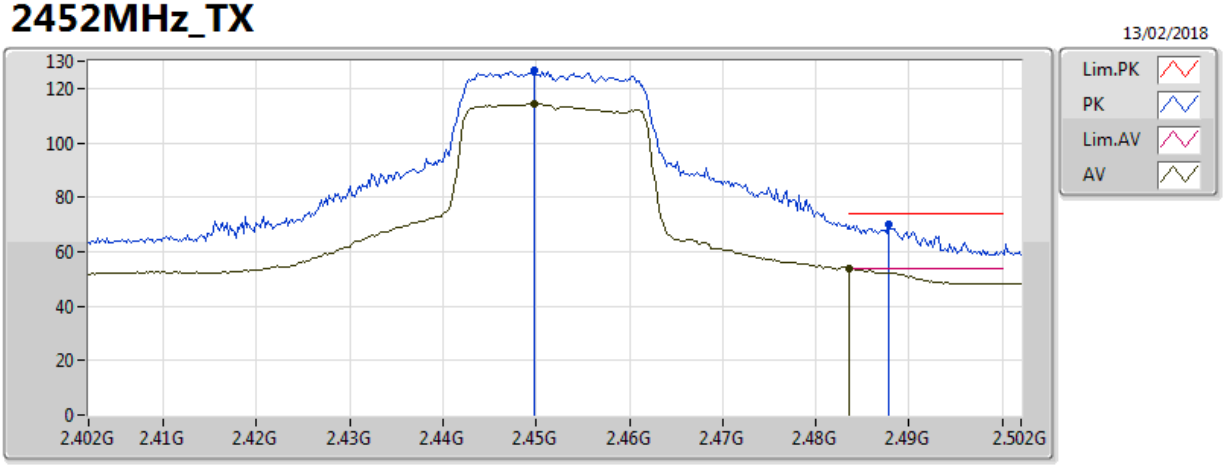


20180223
EUT Z_4 TX_Dipole
Setting 96
03-R-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.87436G	32.79	54.00	-21.21	4.91	3	Horizontal	253	2.26
PK	4.88136G	45.67	74.00	-28.33	4.92	3	Horizontal	253	2.26

HE20,BF_Nss1,(MCS0)_4TX

2452MHz_TX

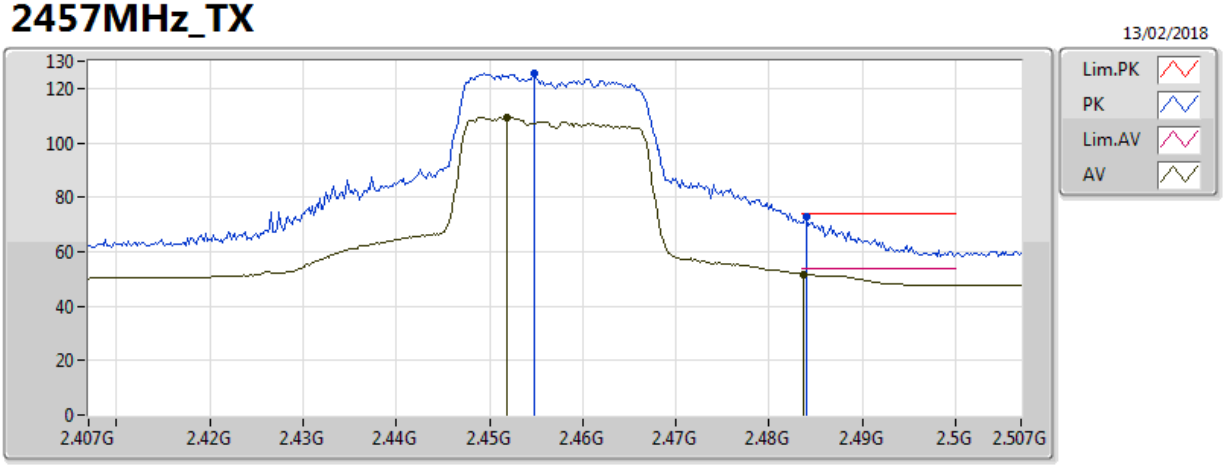


20180213
EUT Z_4TX_Dipole
Setting 90
02-N-2
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.4498G	114.45	Inf	-Inf	32.33	3	Vertical	354	2.00
AV	2.4836G	53.85	54.00	-0.15	32.45	3	Vertical	354	2.00
PK	2.4498G	126.36	Inf	-Inf	32.33	3	Vertical	354	2.00
PK	2.4878G	69.86	74.00	-4.14	32.46	3	Vertical	354	2.00

HE20,BF_Nss1,(MCS0)_4TX

2457MHz_TX

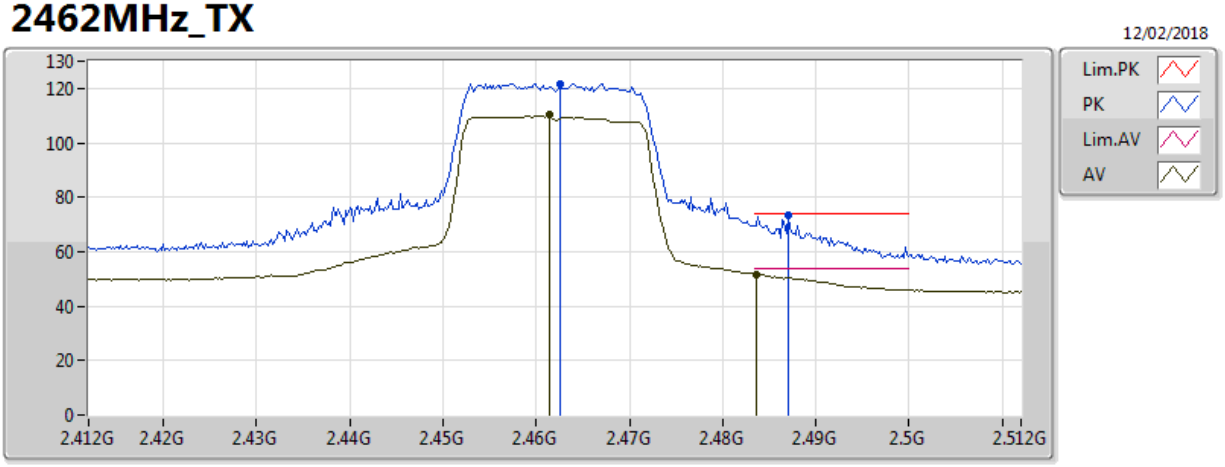


20180213
EUT Z_4TX_Dipole
Setting 83
02-N-2
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.4518G	109.32	Inf	-Inf	32.34	3	Vertical	322	1.92
AV	2.4836G	51.75	54.00	-2.25	32.45	3	Vertical	322	1.92
PK	2.4548G	125.58	Inf	-Inf	32.35	3	Vertical	322	1.92
PK	2.484G	73.11	74.00	-0.89	32.45	3	Vertical	322	1.92

HE20,BF_Nss1,(MCS0)_4TX

2462MHz_TX

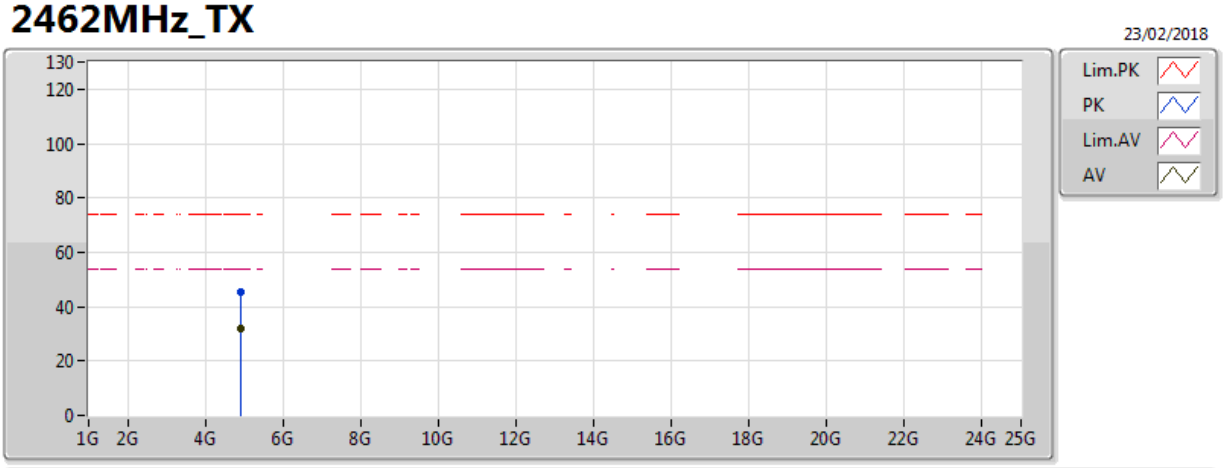


20180212
EUT Z_4 TX_Dipole
Setting 75
06-L-3
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.4614G	110.41	Inf	-Inf	32.35	3	Vertical	290	2.13
AV	2.4836G	51.61	54.00	-2.39	32.42	3	Vertical	290	2.13
PK	2.4626G	121.68	Inf	-Inf	32.35	3	Vertical	290	2.13
PK	2.487G	73.59	74.00	-0.41	32.43	3	Vertical	290	2.13

HE20,BF_Nss1,(MCS0)_4TX

2462MHz_TX

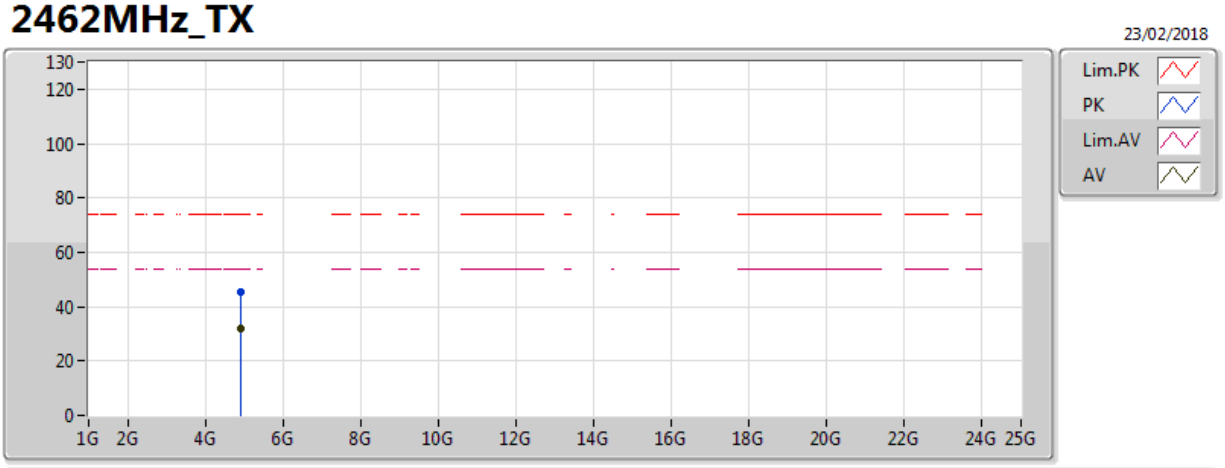


20180223
EUT Z_4 TX_Dipole
Setting 75
03-R-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.93068G	31.92	54.00	-22.08	4.99	3	Vertical	229	1.62
PK	4.91792G	45.14	74.00	-28.86	4.97	3	Vertical	229	1.62

HE20,BF_Nss1,(MCS0)_4TX

2462MHz_TX

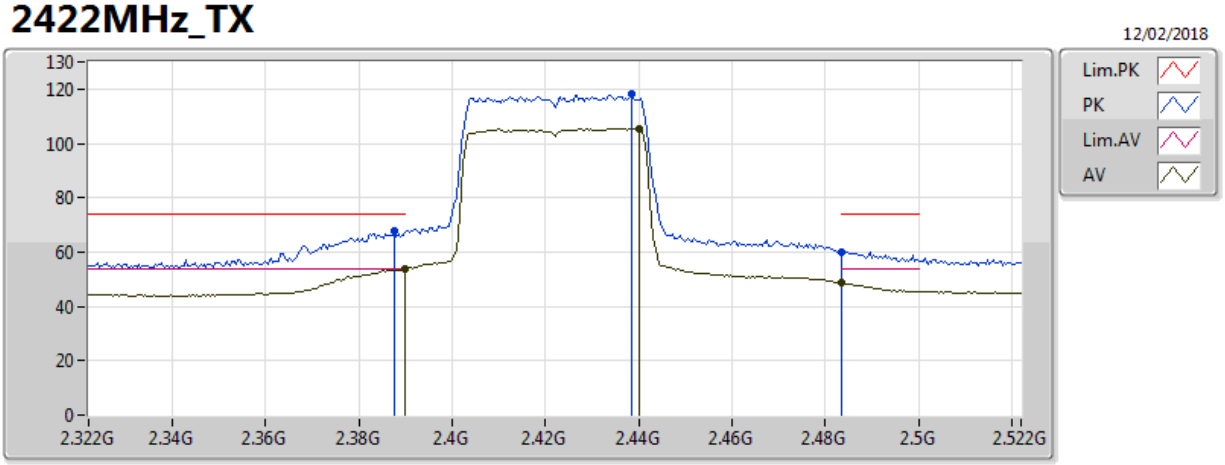


20180223
EUT Z_4 TX_Dipole
Setting 75
03-R-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.93064G	31.81	54.00	-22.19	4.99	3	Horizontal	305	1.50
PK	4.92G	45.27	74.00	-28.73	4.97	3	Horizontal	305	1.50

HE40,BF_Nss1,(MCS0)_4TX

2422MHz_TX

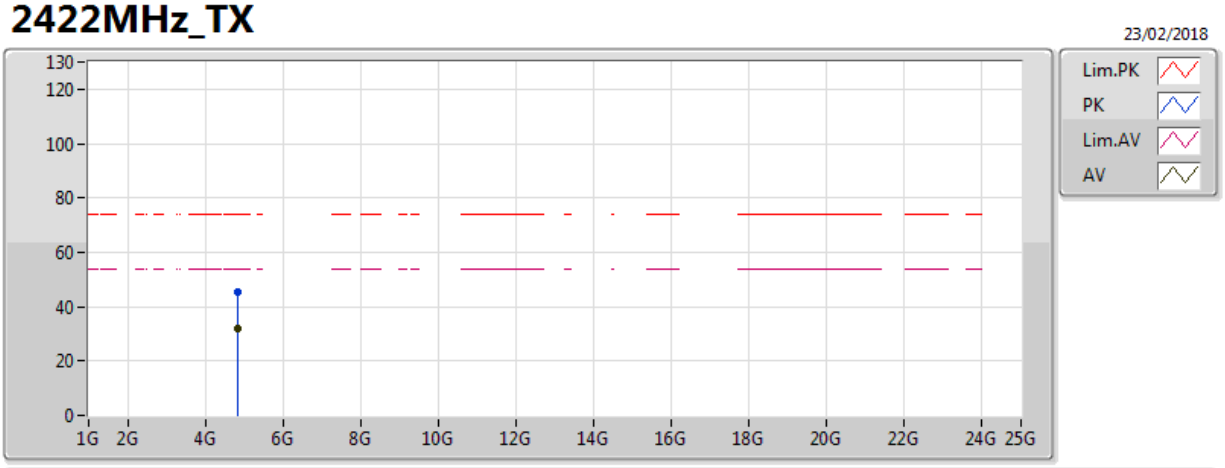


20180212
EUT Z_4 TX_Dipole
Setting 64
06-L-3
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.39G	53.94	54.00	-0.06	32.12	3	Vertical	306	2.05
AV	2.44G	105.54	Inf	-Inf	32.28	3	Vertical	306	2.05
AV	2.4836G	48.63	54.00	-5.37	32.42	3	Vertical	306	2.05
PK	2.3876G	67.60	74.00	-6.40	32.11	3	Vertical	306	2.05
PK	2.4384G	118.07	Inf	-Inf	32.27	3	Vertical	306	2.05
PK	2.4836G	60.10	74.00	-13.90	32.42	3	Vertical	306	2.05

HE40,BF_Nss1,(MCS0)_4TX

2422MHz_TX

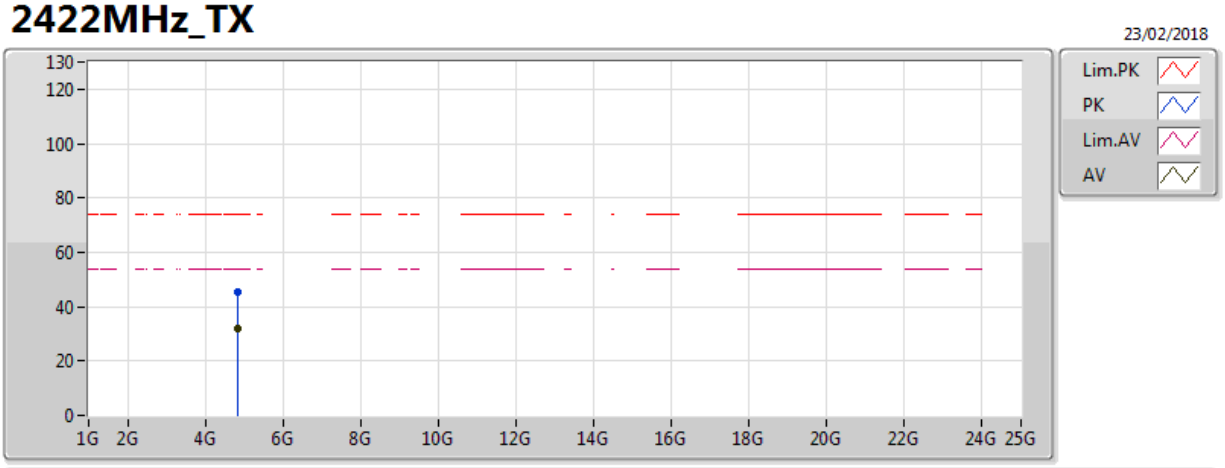


20180223
EUT Z_4 TX_Dipole
Setting 64
03-R-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.84228G	32.12	54.00	-21.88	4.88	3	Vertical	234	1.50
PK	4.84592G	45.50	74.00	-28.50	4.88	3	Vertical	234	1.50

HE40,BF_Nss1,(MCS0)_4TX

2422MHz_TX

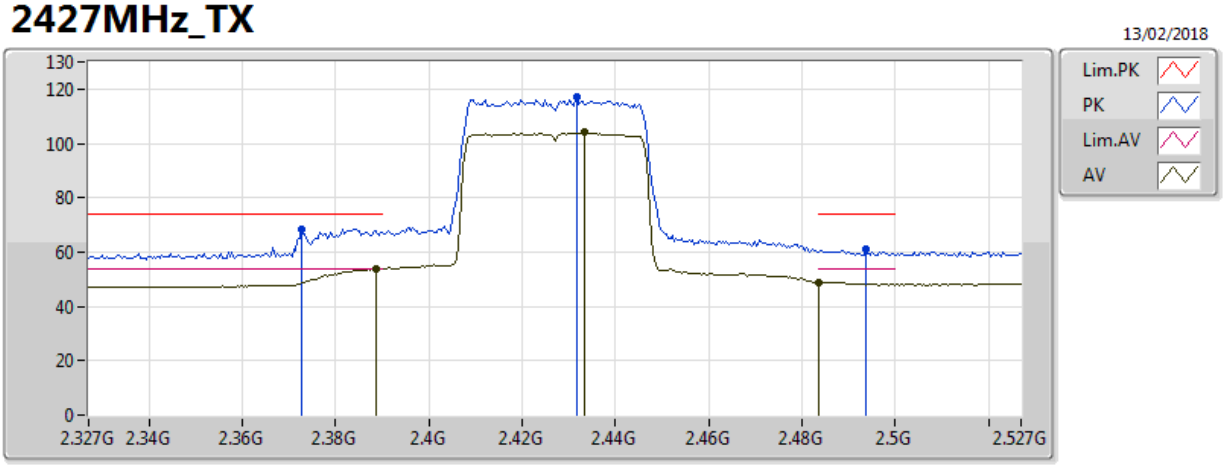


20180223
EUT Z_4 TX_Dipole
Setting 64
03-R-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.85108G	32.00	54.00	-22.00	4.89	3	Horizontal	76	1.50
PK	4.85276G	45.28	74.00	-28.72	4.89	3	Horizontal	76	1.50

HE40,BF_Nss1,(MCS0)_4TX

2427MHz_TX

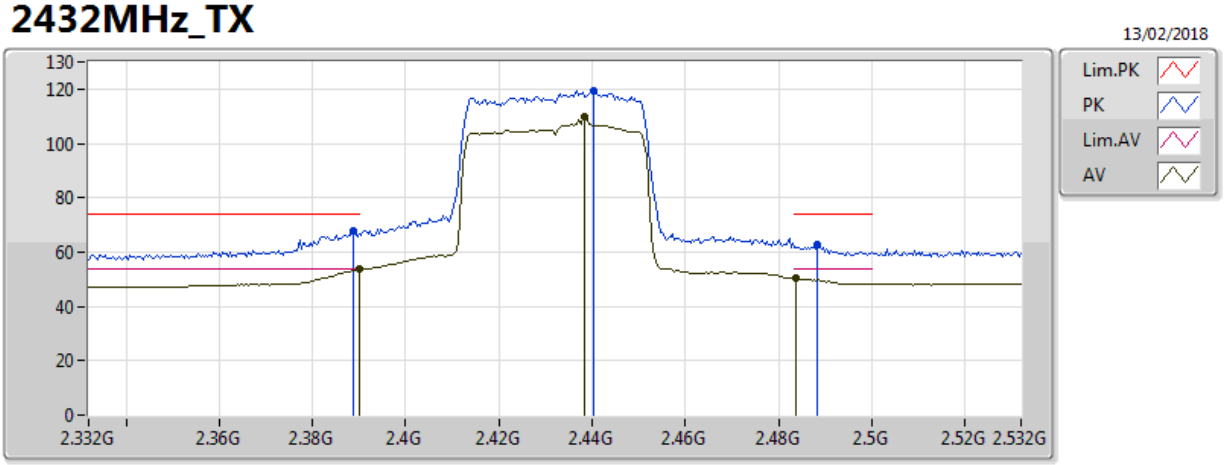


20180213
EUT Z_4TX_Dipole
Setting 60
02-N-2
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.3886G	53.86	54.00	-0.14	32.14	3	Vertical	76	1.98
AV	2.4334G	103.95	Inf	-Inf	32.28	3	Vertical	76	1.98
AV	2.483502G	48.97	54.00	-5.03	32.45	3	Vertical	76	1.98
PK	2.3726G	68.57	74.00	-5.43	32.09	3	Vertical	76	1.98
PK	2.4318G	116.98	Inf	-Inf	32.27	3	Vertical	76	1.98
PK	2.4938G	60.95	74.00	-13.05	32.48	3	Vertical	76	1.98

HE40,BF_Nss1,(MCS0)_4TX

2432MHz_TX

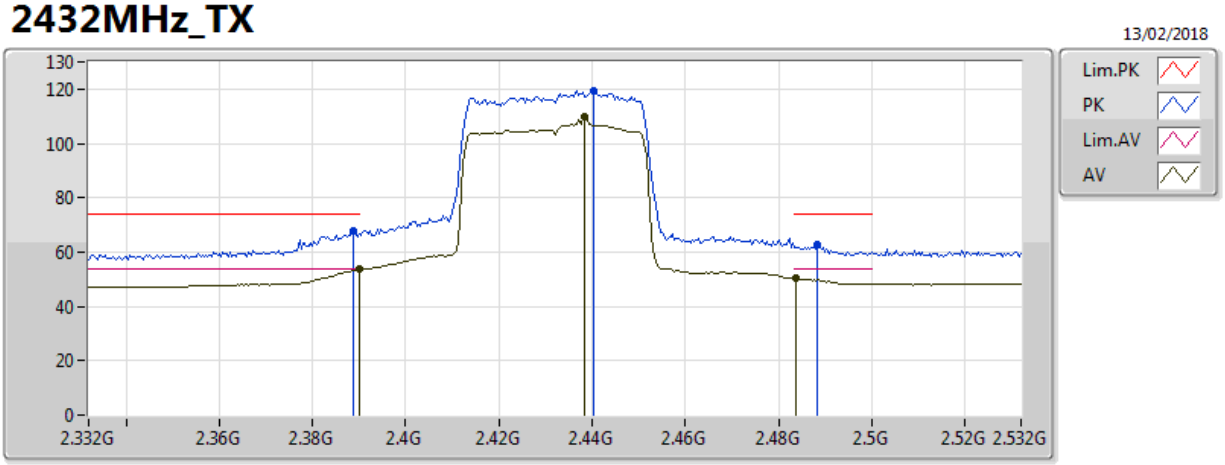


20180213
EUT Z_4TX_Dipole
Setting 66
02-N-2
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.39G	53.63	54.00	-0.37	32.14	3	Vertical	173	2.05
AV	2.4384G	109.93	Inf	-Inf	32.30	3	Vertical	173	2.05
AV	2.4836G	50.25	54.00	-3.75	32.45	3	Vertical	173	2.05
PK	2.3888G	67.78	74.00	-6.22	32.14	3	Vertical	173	2.05
PK	2.4404G	119.25	Inf	-Inf	32.30	3	Vertical	173	2.05
PK	2.4884G	62.73	74.00	-11.27	32.46	3	Vertical	173	2.05

HE40,BF_Nss1,(MCS0)_4TX

2432MHz_TX

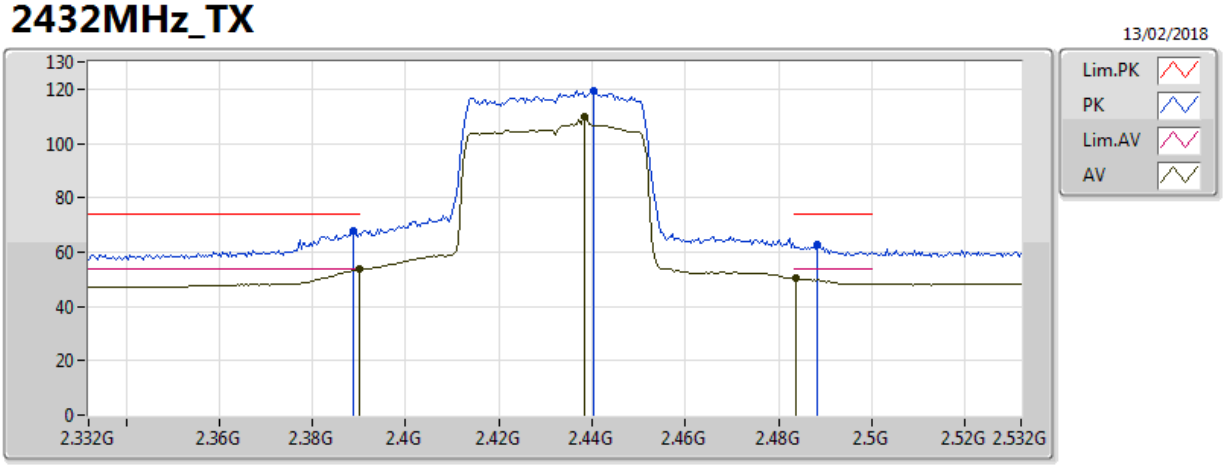


20180213
EUT Z_4TX_Dipole
Setting 66
02-N-2
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.39G	53.63	54.00	-0.37	32.14	3	Vertical	173	2.05
AV	2.4384G	109.93	Inf	-Inf	32.30	3	Vertical	173	2.05
AV	2.4836G	50.25	54.00	-3.75	32.45	3	Vertical	173	2.05
PK	2.3888G	67.78	74.00	-6.22	32.14	3	Vertical	173	2.05
PK	2.4404G	119.25	Inf	-Inf	32.30	3	Vertical	173	2.05
PK	2.4884G	62.73	74.00	-11.27	32.46	3	Vertical	173	2.05

HE40,BF_Nss1,(MCS0)_4TX

2432MHz_TX

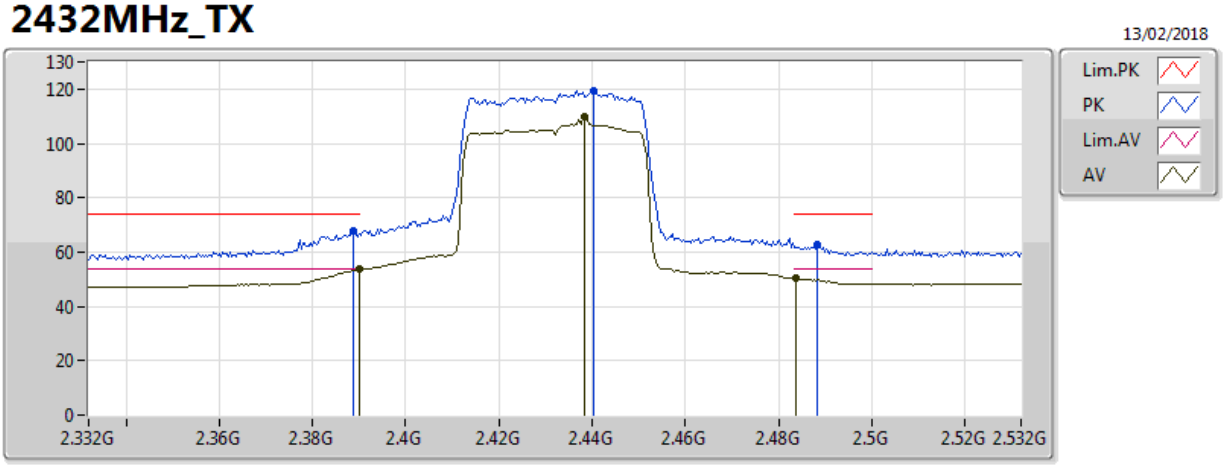


20180213
EUT Z_4TX_Dipole
Setting 66
02-N-2
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.39G	53.63	54.00	-0.37	32.14	3	Vertical	173	2.05
AV	2.4384G	109.93	Inf	-Inf	32.30	3	Vertical	173	2.05
AV	2.4836G	50.25	54.00	-3.75	32.45	3	Vertical	173	2.05
PK	2.3888G	67.78	74.00	-6.22	32.14	3	Vertical	173	2.05
PK	2.4404G	119.25	Inf	-Inf	32.30	3	Vertical	173	2.05
PK	2.4884G	62.73	74.00	-11.27	32.46	3	Vertical	173	2.05

HE40,BF_Nss1,(MCS0)_4TX

2432MHz_TX

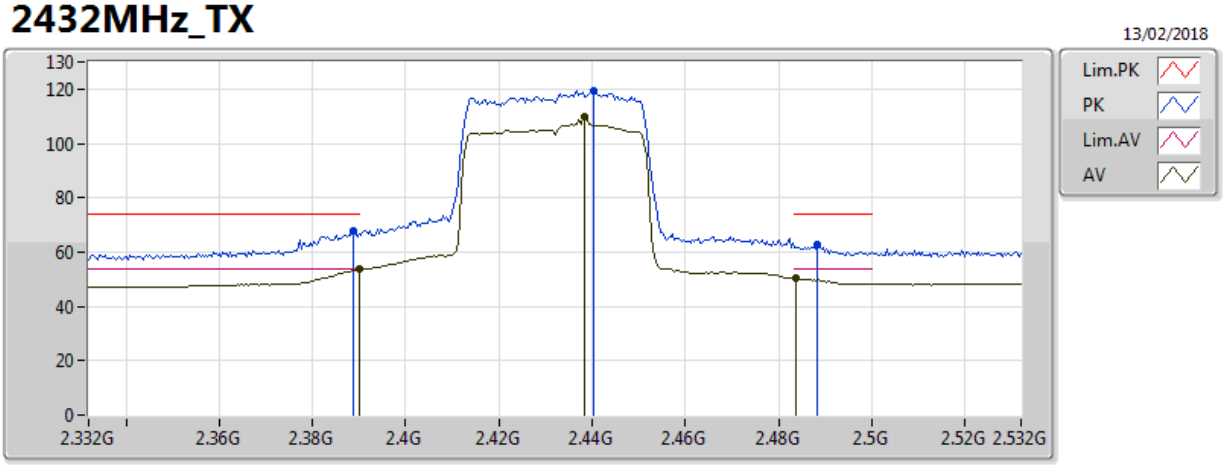


20180213
EUT Z_4TX_Dipole
Setting 66
02-N-2
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.39G	53.63	54.00	-0.37	32.14	3	Vertical	173	2.05
AV	2.4384G	109.93	Inf	-Inf	32.30	3	Vertical	173	2.05
AV	2.4836G	50.25	54.00	-3.75	32.45	3	Vertical	173	2.05
PK	2.3888G	67.78	74.00	-6.22	32.14	3	Vertical	173	2.05
PK	2.4404G	119.25	Inf	-Inf	32.30	3	Vertical	173	2.05
PK	2.4884G	62.73	74.00	-11.27	32.46	3	Vertical	173	2.05

HE40,BF_Nss1,(MCS0)_4TX

2432MHz_TX

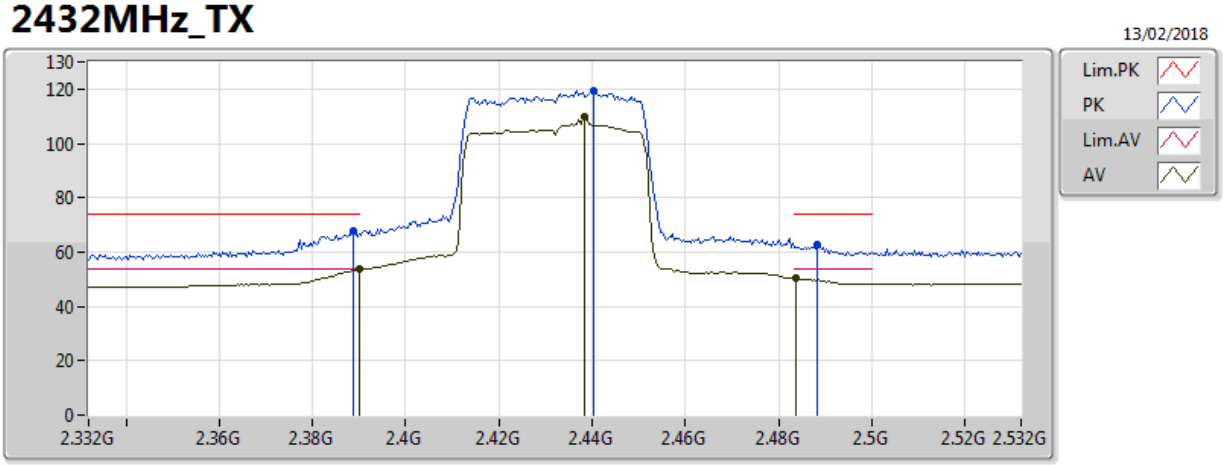


20180213
EUT Z_4TX_Dipole
Setting 66
02-N-2
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.39G	53.63	54.00	-0.37	32.14	3	Vertical	173	2.05
AV	2.4384G	109.93	Inf	-Inf	32.30	3	Vertical	173	2.05
AV	2.4836G	50.25	54.00	-3.75	32.45	3	Vertical	173	2.05
PK	2.3888G	67.78	74.00	-6.22	32.14	3	Vertical	173	2.05
PK	2.4404G	119.25	Inf	-Inf	32.30	3	Vertical	173	2.05
PK	2.4884G	62.73	74.00	-11.27	32.46	3	Vertical	173	2.05

HE40,BF_Nss1,(MCS0)_4TX

2432MHz_TX

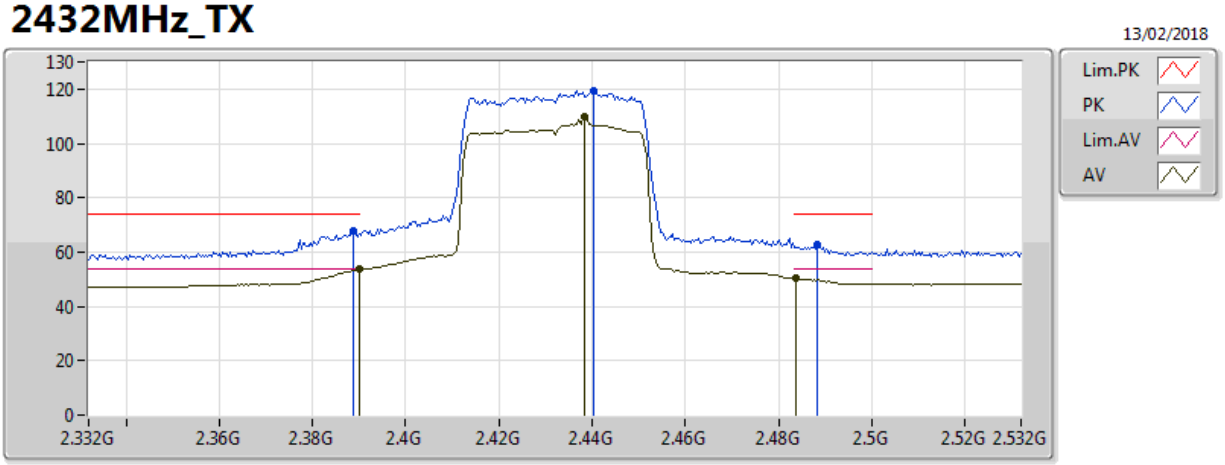


20180213
EUT Z_4TX_Dipole
Setting 66
02-N-2
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.39G	53.63	54.00	-0.37	32.14	3	Vertical	173	2.05
AV	2.4384G	109.93	Inf	-Inf	32.30	3	Vertical	173	2.05
AV	2.4836G	50.25	54.00	-3.75	32.45	3	Vertical	173	2.05
PK	2.3888G	67.78	74.00	-6.22	32.14	3	Vertical	173	2.05
PK	2.4404G	119.25	Inf	-Inf	32.30	3	Vertical	173	2.05
PK	2.4884G	62.73	74.00	-11.27	32.46	3	Vertical	173	2.05

HE40,BF_Nss1,(MCS0)_4TX

2432MHz_TX

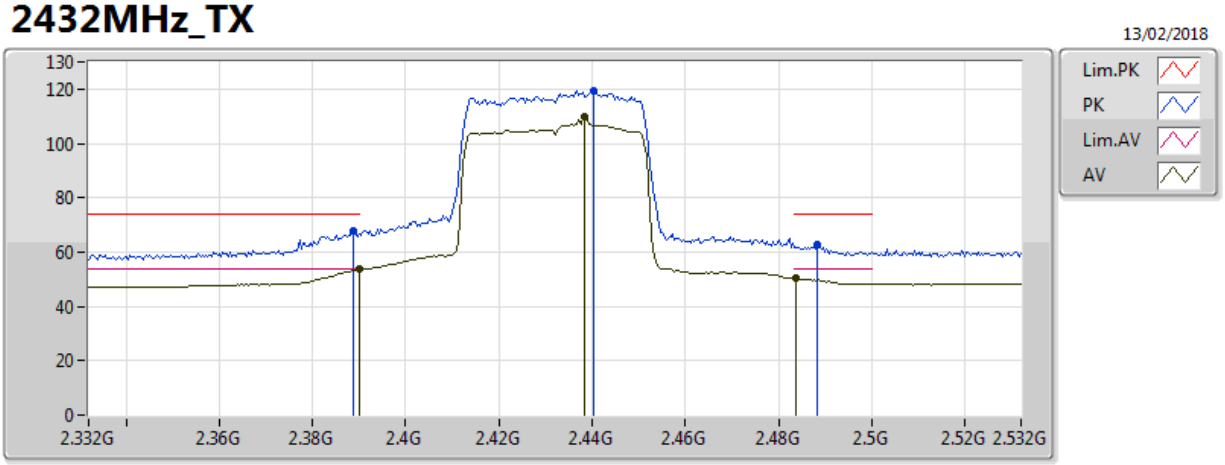


20180213
EUT Z_4TX_Dipole
Setting 66
02-N-2
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.39G	53.63	54.00	-0.37	32.14	3	Vertical	173	2.05
AV	2.4384G	109.93	Inf	-Inf	32.30	3	Vertical	173	2.05
AV	2.4836G	50.25	54.00	-3.75	32.45	3	Vertical	173	2.05
PK	2.3888G	67.78	74.00	-6.22	32.14	3	Vertical	173	2.05
PK	2.4404G	119.25	Inf	-Inf	32.30	3	Vertical	173	2.05
PK	2.4884G	62.73	74.00	-11.27	32.46	3	Vertical	173	2.05

HE40,BF_Nss1,(MCS0)_4TX

2432MHz_TX

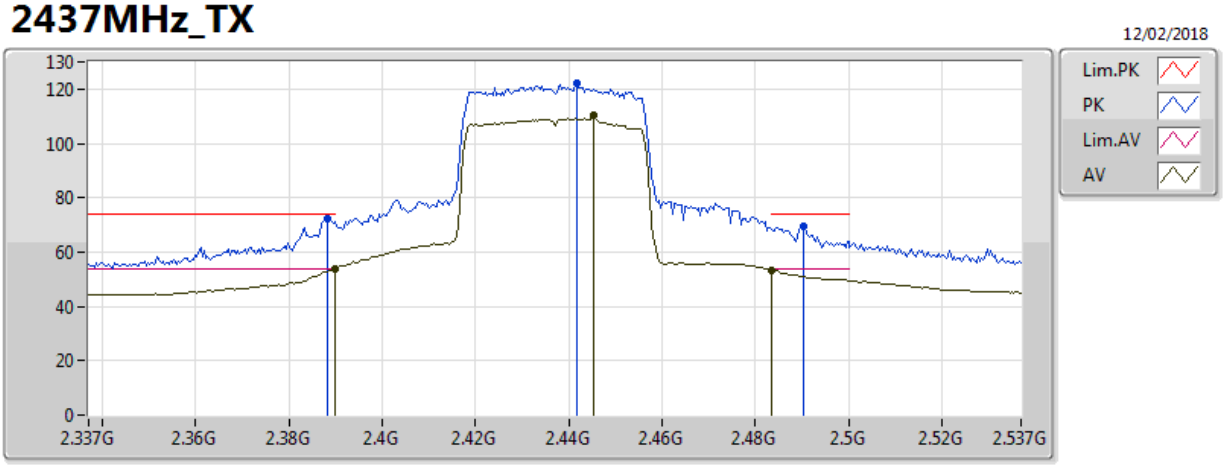


20180213
EUT Z_4TX_Dipole
Setting 66
02-N-2
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.39G	53.63	54.00	-0.37	32.14	3	Vertical	173	2.05
AV	2.4384G	109.93	Inf	-Inf	32.30	3	Vertical	173	2.05
AV	2.4836G	50.25	54.00	-3.75	32.45	3	Vertical	173	2.05
PK	2.3888G	67.78	74.00	-6.22	32.14	3	Vertical	173	2.05
PK	2.4404G	119.25	Inf	-Inf	32.30	3	Vertical	173	2.05
PK	2.4884G	62.73	74.00	-11.27	32.46	3	Vertical	173	2.05

HE40,BF_Nss1,(MCS0)_4TX

2437MHz_TX

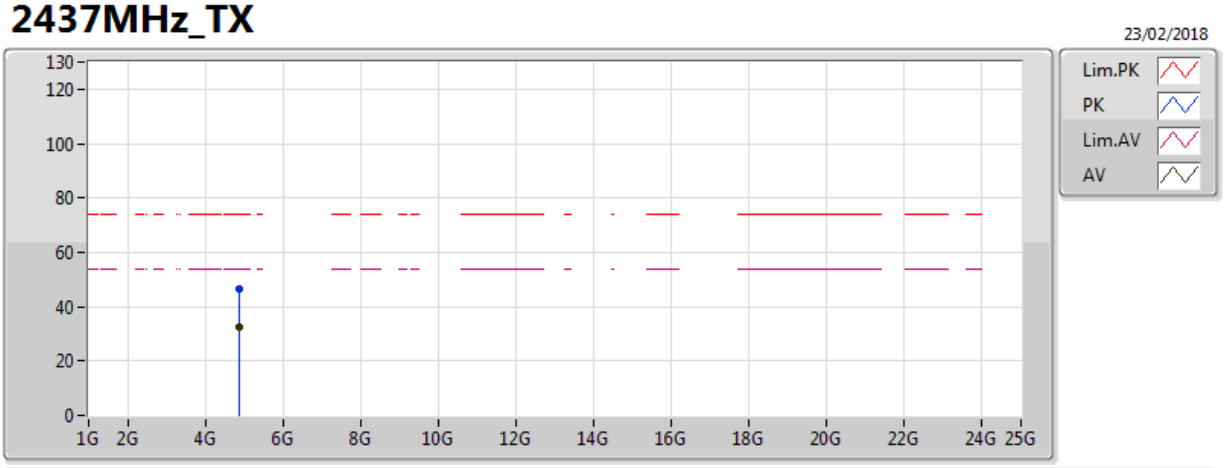


20180212
EUT Z_4 TX_Dipole
Setting 76
06-L-3
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.389998G	53.75	54.00	-0.25	32.12	3	Vertical	305	1.90
AV	2.4454G	110.11	Inf	-Inf	32.30	3	Vertical	305	1.90
AV	2.483502G	53.44	54.00	-0.56	32.42	3	Vertical	305	1.90
PK	2.3882G	72.24	74.00	-1.76	32.11	3	Vertical	305	1.90
PK	2.4418G	121.91	Inf	-Inf	32.29	3	Vertical	305	1.90
PK	2.4902G	69.33	74.00	-4.67	32.44	3	Vertical	305	1.90

HE40,BF_Nss1,(MCS0)_4TX

2437MHz_TX

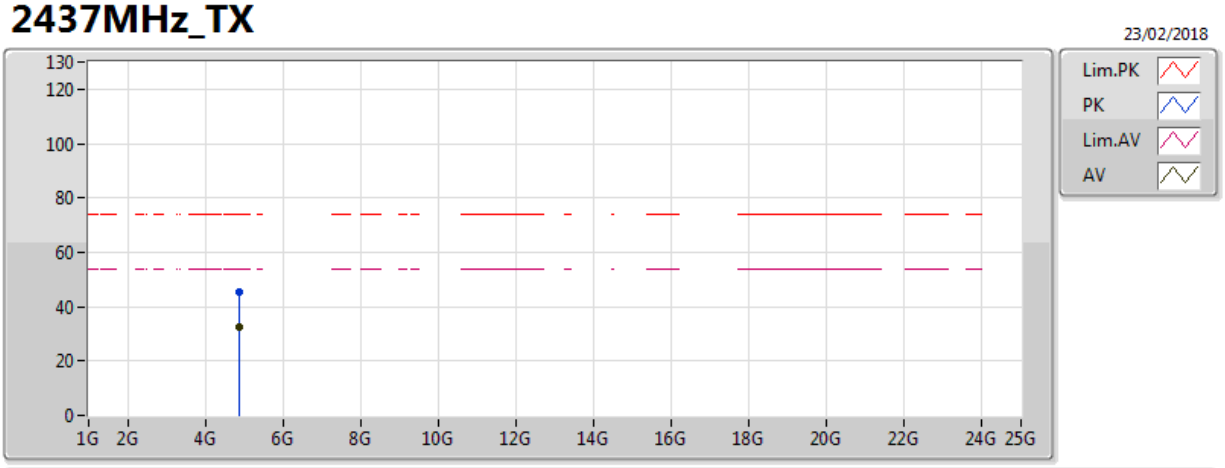


20180223
EUT Z_4 TX_Dipole
Setting 76
03-R-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.8742G	32.51	54.00	-21.49	4.91	3	Vertical	283	1.50
PK	4.86448G	46.59	74.00	-27.41	4.90	3	Vertical	283	1.50

HE40,BF_Nss1,(MCS0)_4TX

2437MHz_TX

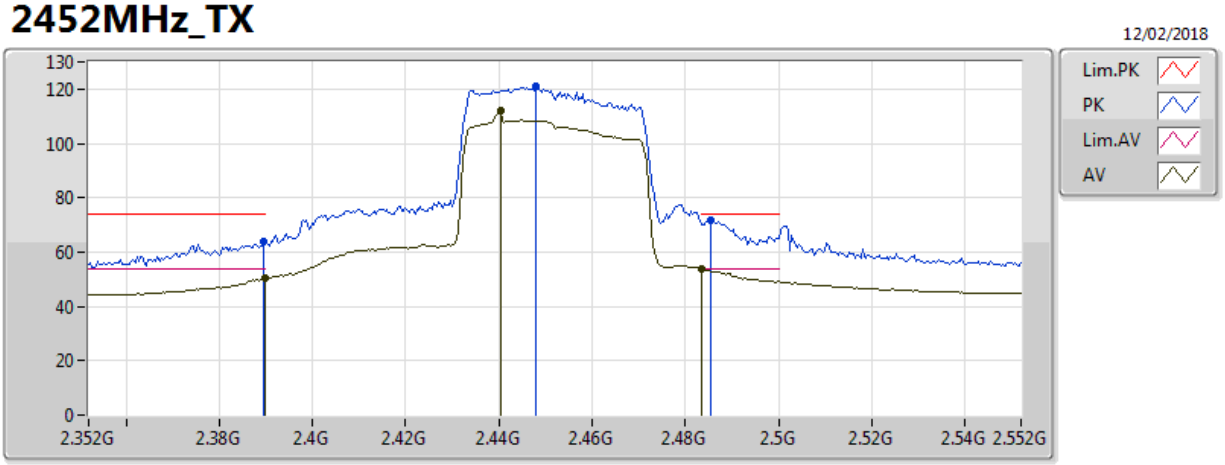


20180223
EUT Z_4 TX_Dipole
Setting 76
03-R-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.87716G	32.40	54.00	-21.60	4.92	3	Horizontal	193	1.50
PK	4.8774G	45.26	74.00	-28.74	4.92	3	Horizontal	193	1.50

HE40,BF_Nss1,(MCS0)_4TX

2452MHz_TX

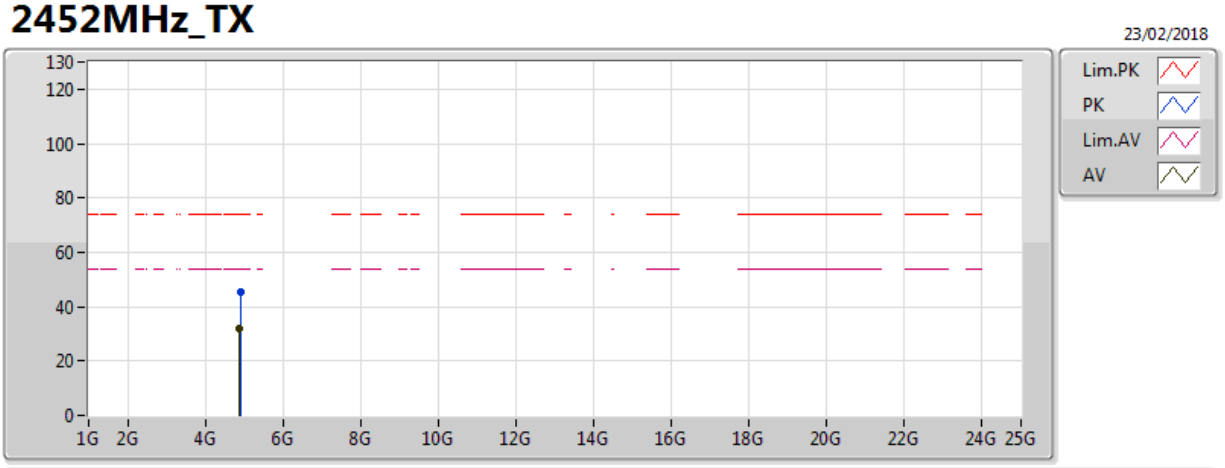


20180212
EUT Z_4 TX_Dipole
Setting 76
06-L-3
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.39G	50.48	54.00	-3.52	32.12	3	Vertical	315	2.10
AV	2.4404G	112.30	Inf	-Inf	32.28	3	Vertical	315	2.10
AV	2.4836G	53.57	54.00	-0.43	32.42	3	Vertical	315	2.10
PK	2.3896G	63.60	74.00	-10.40	32.12	3	Vertical	315	2.10
PK	2.448G	120.83	Inf	-Inf	32.31	3	Vertical	315	2.10
PK	2.4856G	71.96	74.00	-2.04	32.43	3	Vertical	315	2.10

HE40,BF_Nss1,(MCS0)_4TX

2452MHz_TX

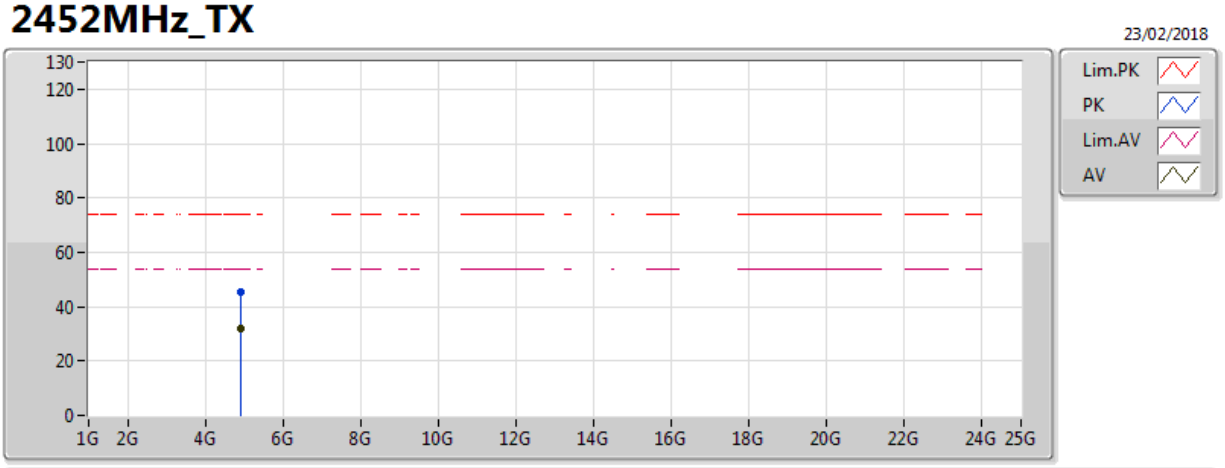


20180223
EUT Z_4 TX_Dipole
Setting 76
03-R-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.89416G	32.19	54.00	-21.81	4.94	3	Vertical	224	1.73
PK	4.90192G	45.45	74.00	-28.55	4.95	3	Vertical	224	1.73

HE40,BF_Nss1,(MCS0)_4TX

2452MHz_TX

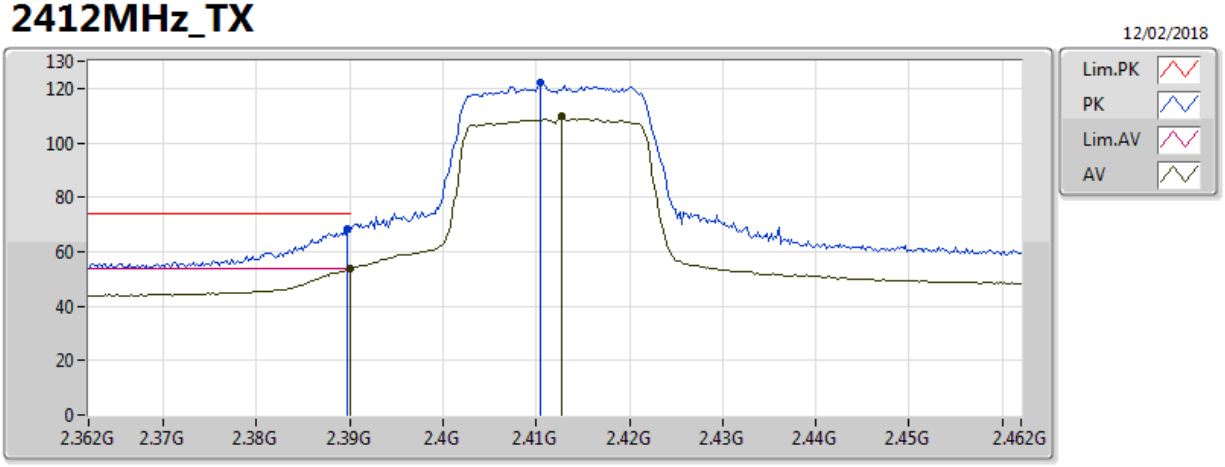


20180223
EUT Z_4 TX_Dipole
Setting 76
03-R-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.90708G	32.20	54.00	-21.80	4.95	3	Horizontal	36	1.30
PK	4.9012G	45.42	74.00	-28.58	4.94	3	Horizontal	36	1.30

HE20,BF_Nss2,(MCS0)_4TX

2412MHz_TX

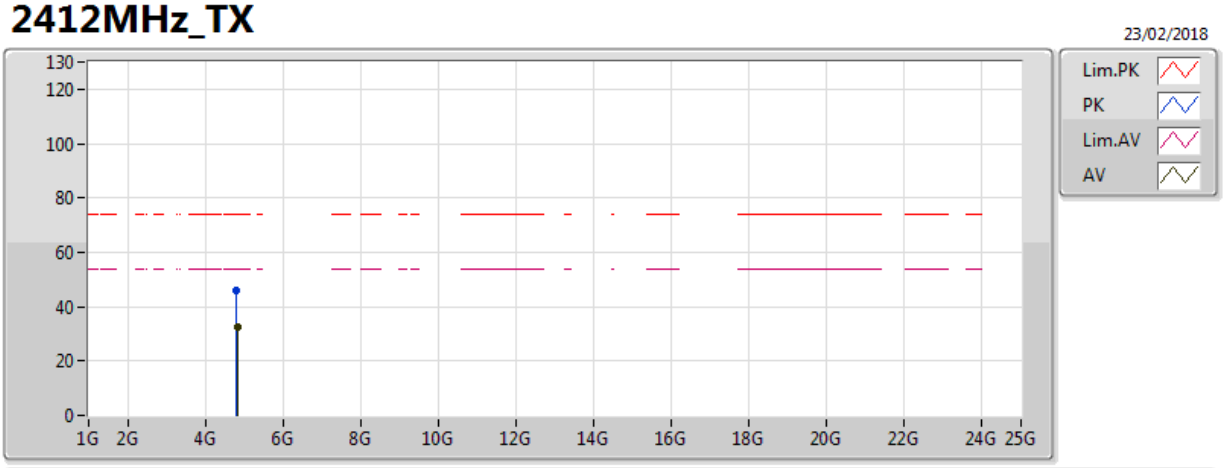


20180212
EUT Z_4 TX_Dipole
Setting 77
06-L-3
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.39G	53.52	54.00	-0.48	32.12	3	Vertical	29	1.92
AV	2.4128G	109.83	Inf	-Inf	32.19	3	Vertical	29	1.92
PK	2.3898G	68.22	74.00	-5.78	32.12	3	Vertical	29	1.92
PK	2.4104G	122.07	Inf	-Inf	32.18	3	Vertical	29	1.92

HE20,BF_Nss2,(MCS0)_4TX

2412MHz_TX

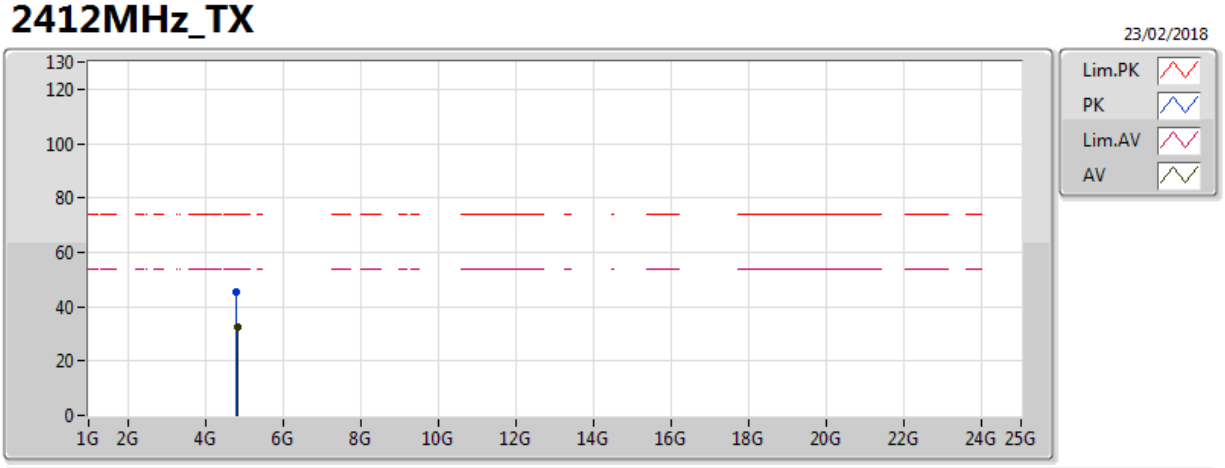


20180223
EUT Z_4 TX_Dipole
Setting 77
03-R-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.81752G	32.42	54.00	-21.58	4.85	3	Vertical	85	2.06
PK	4.8172G	45.85	74.00	-28.15	4.85	3	Vertical	85	2.06

HE20,BF_Nss2,(MCS0)_4TX

2412MHz_TX

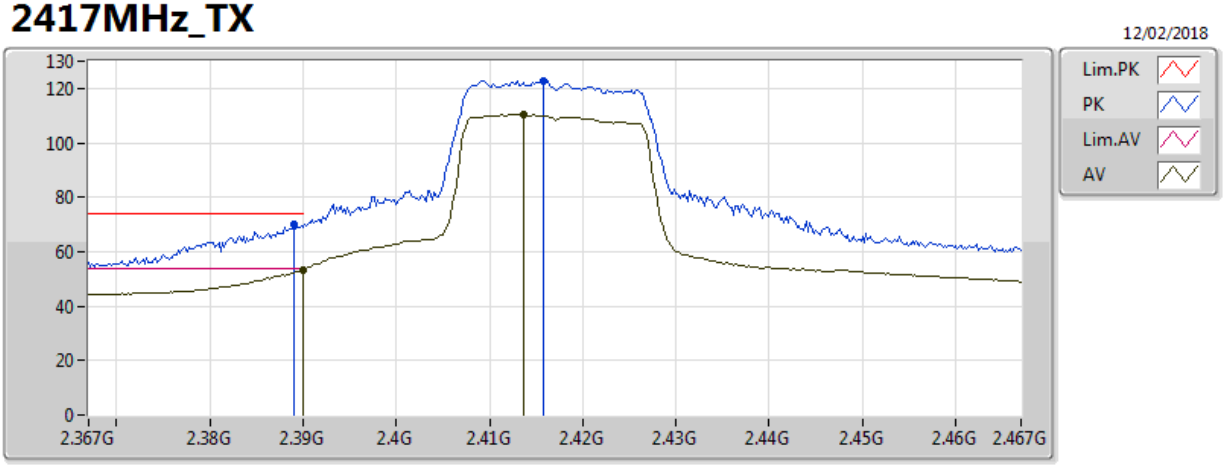


20180223
EUT Z_4 TX_Dipole
Setting 77
03-R-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.81808G	32.32	54.00	-21.68	4.85	3	Horizontal	61	1.50
PK	4.81556G	45.50	74.00	-28.50	4.85	3	Horizontal	61	1.50

HE20,BF_Nss2,(MCS0)_4TX

2417MHz_TX

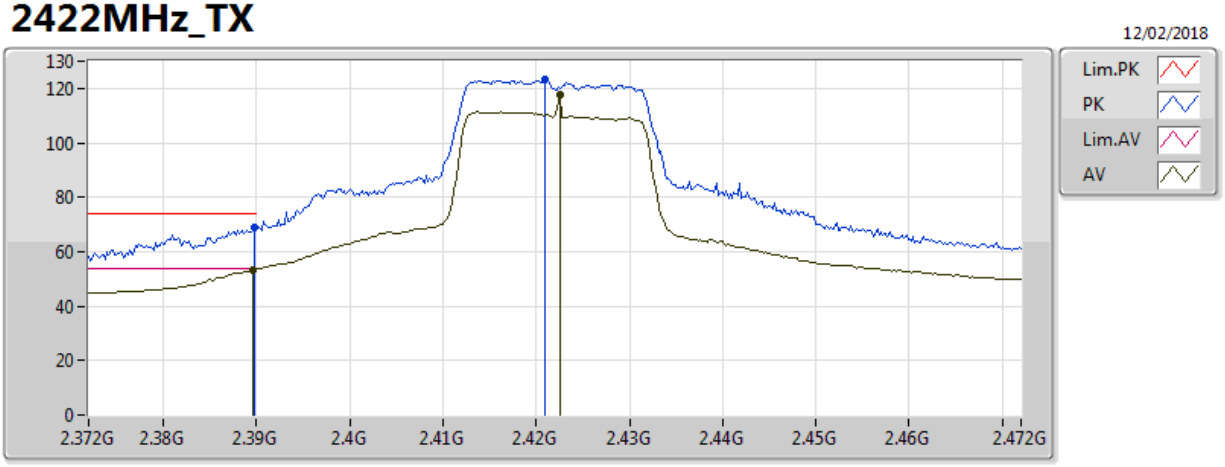


20180212
EUT Z_4 TX_Dipole
Setting 84
06-L-3
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.39G	53.38	54.00	-0.62	32.12	3	Vertical	321	1.91
AV	2.4136G	110.39	Inf	-Inf	32.19	3	Vertical	321	1.91
PK	2.389G	69.86	74.00	-4.14	32.11	3	Vertical	321	1.91
PK	2.4158G	122.76	Inf	-Inf	32.20	3	Vertical	321	1.91

HE20,BF_Nss2,(MCS0)_4TX

2422MHz_TX

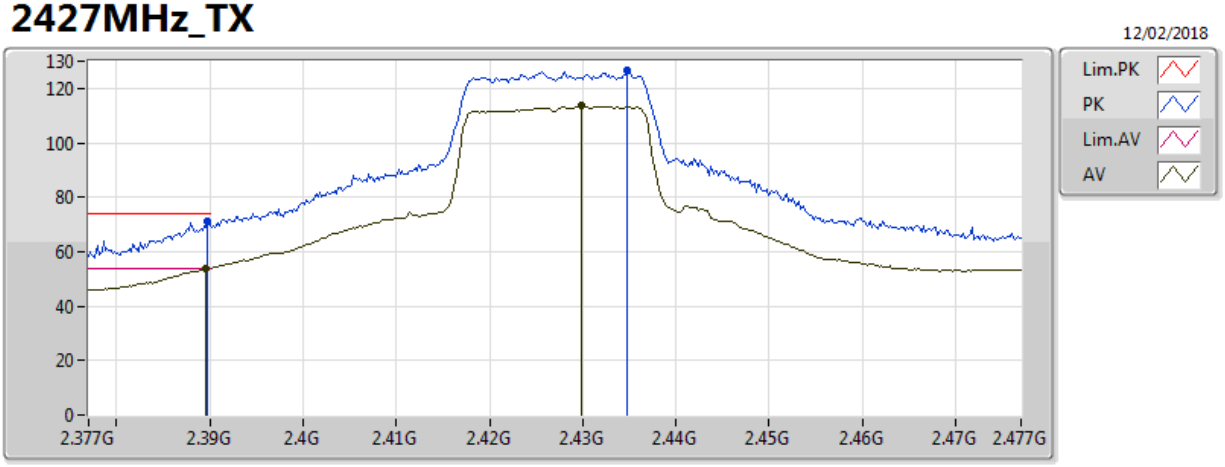


20180212
EUT Z_4 TX_Dipole
Setting 90
06-L-3
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.3896G	53.46	54.00	-0.54	32.12	3	Vertical	223	2.38
AV	2.4226G	117.62	Inf	-Inf	32.22	3	Vertical	223	2.38
PK	2.3898G	68.85	74.00	-5.15	32.12	3	Vertical	223	2.38
PK	2.421G	123.08	Inf	-Inf	32.22	3	Vertical	223	2.38

HE20,BF_Nss2,(MCS0)_4TX

2427MHz_TX

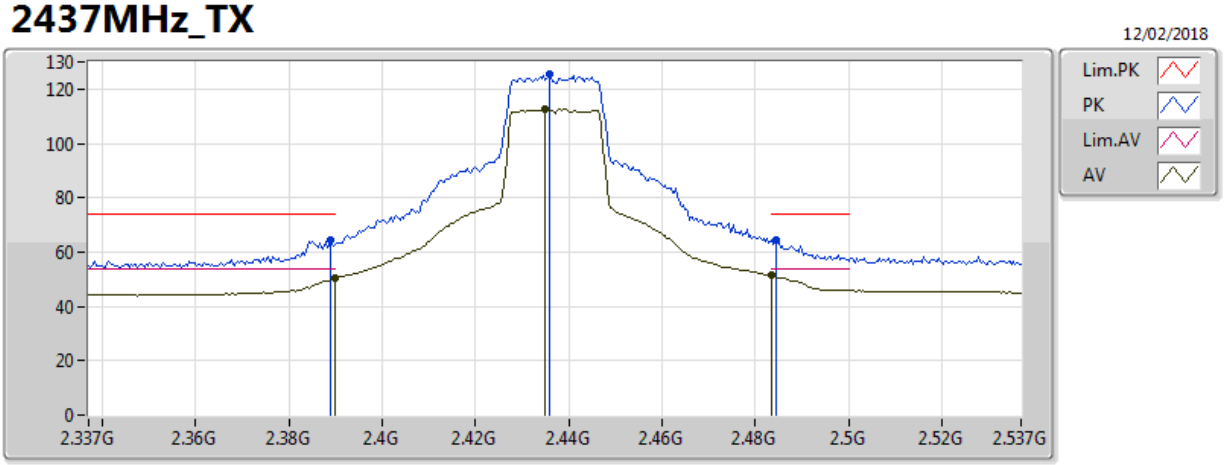


20180212
EUT Z_4 TX_Dipole
Setting 94
06-L-3
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.3896G	53.84	54.00	-0.16	32.12	3	Vertical	305	2.10
AV	2.4298G	113.52	Inf	-Inf	32.25	3	Vertical	305	2.10
PK	2.3898G	70.98	74.00	-3.02	32.12	3	Vertical	305	2.10
PK	2.4348G	126.45	Inf	-Inf	32.26	3	Vertical	305	2.10

HE20,BF_Nss2,(MCS0)_4TX

2437MHz_TX

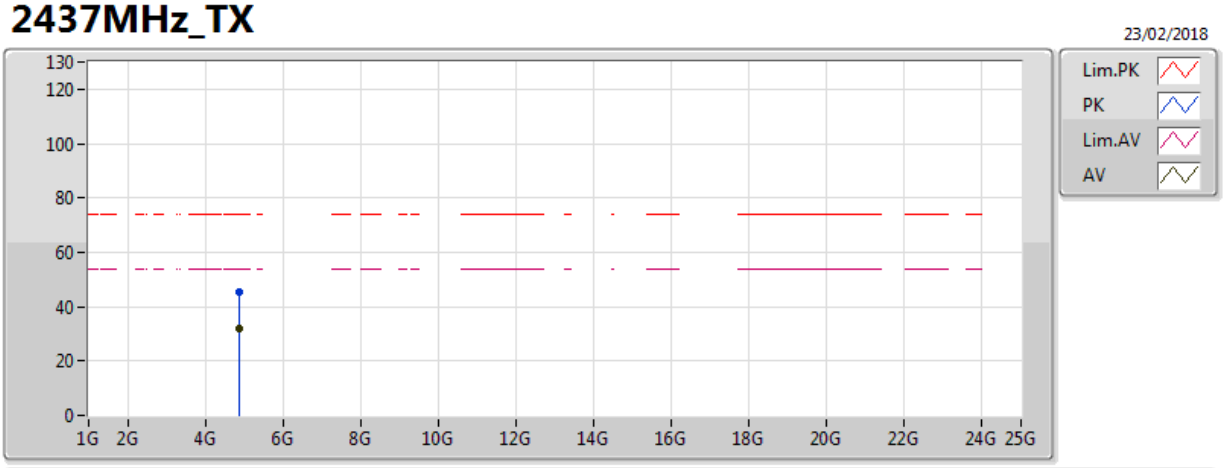


20180212
EUT Z_4 TX_Dipole
Setting 96
06-L-3
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.389998G	50.37	54.00	-3.63	32.12	3	Vertical	56	1.80
AV	2.435G	112.60	Inf	-Inf	32.26	3	Vertical	56	1.80
AV	2.483502G	51.40	54.00	-2.60	32.42	3	Vertical	56	1.80
PK	2.389G	64.44	74.00	-9.56	32.11	3	Vertical	56	1.80
PK	2.4358G	125.32	Inf	-Inf	32.27	3	Vertical	56	1.80
PK	2.4846G	64.45	74.00	-9.55	32.42	3	Vertical	56	1.80

HE20,BF_Nss2,(MCS0)_4TX

2437MHz_TX

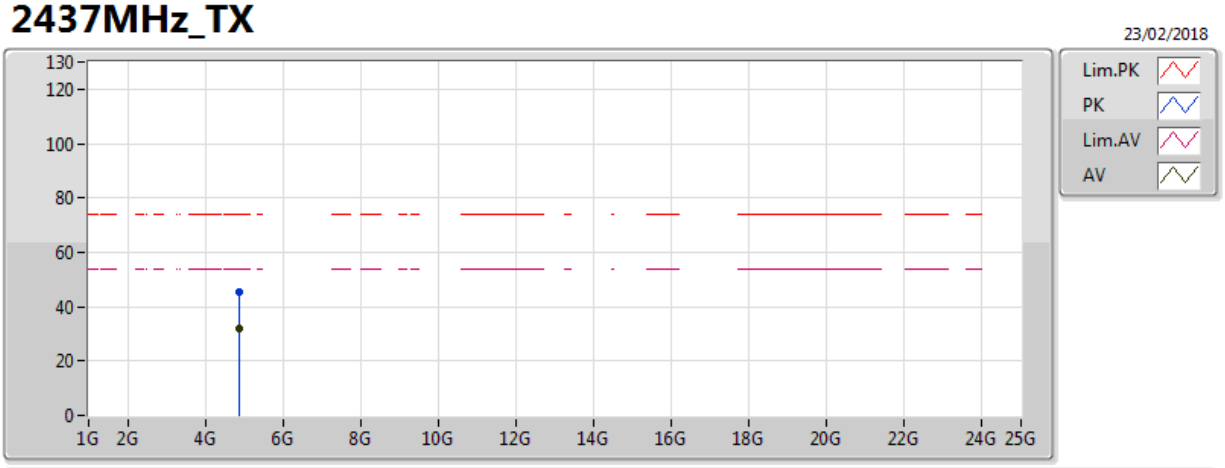


20180223
EUT Z_4 TX_Dipole
Setting 96
03-R-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.87436G	32.15	54.00	-21.85	4.91	3	Vertical	333	1.60
PK	4.86564G	45.44	74.00	-28.56	4.91	3	Vertical	333	1.60

HE20,BF_Nss2,(MCS0)_4TX

2437MHz_TX

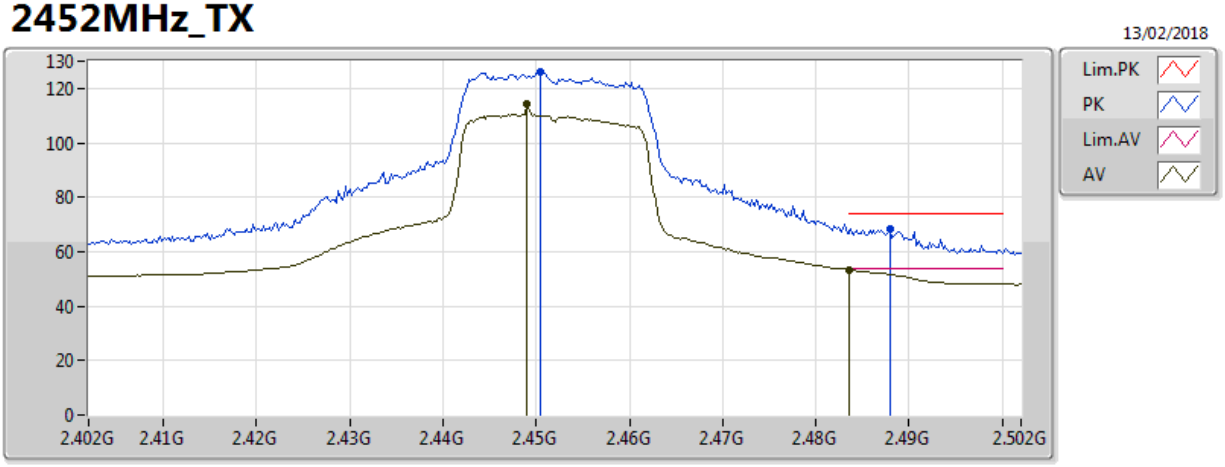


20180223
EUT Z_4 TX_Dipole
Setting 96
03-R-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.87412G	31.99	54.00	-22.01	4.91	3	Horizontal	277	1.39
PK	4.8732G	45.60	74.00	-28.40	4.91	3	Horizontal	277	1.39

HE20,BF_Nss2,(MCS0)_4TX

2452MHz_TX

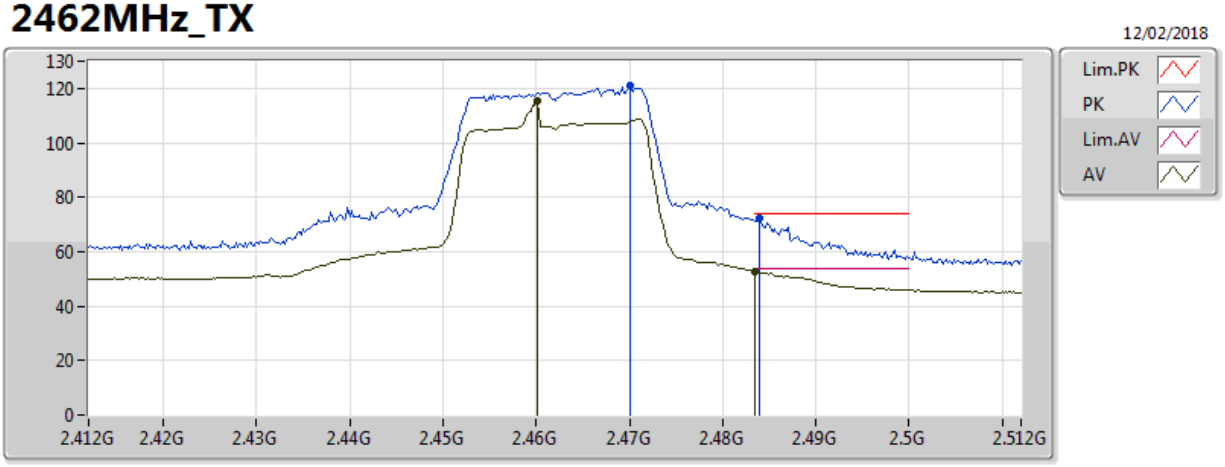


20180213
EUT Z_4TX_Dipole
Setting 93
02-N-2
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.449G	114.06	Inf	-Inf	32.33	3	Vertical	123	1.74
AV	2.483502G	53.41	54.00	-0.59	32.45	3	Vertical	123	1.74
PK	2.4504G	126.13	Inf	-Inf	32.34	3	Vertical	123	1.74
PK	2.488G	68.60	74.00	-5.40	32.46	3	Vertical	123	1.74

HE20,BF_Nss2,(MCS0)_4TX

2462MHz_TX

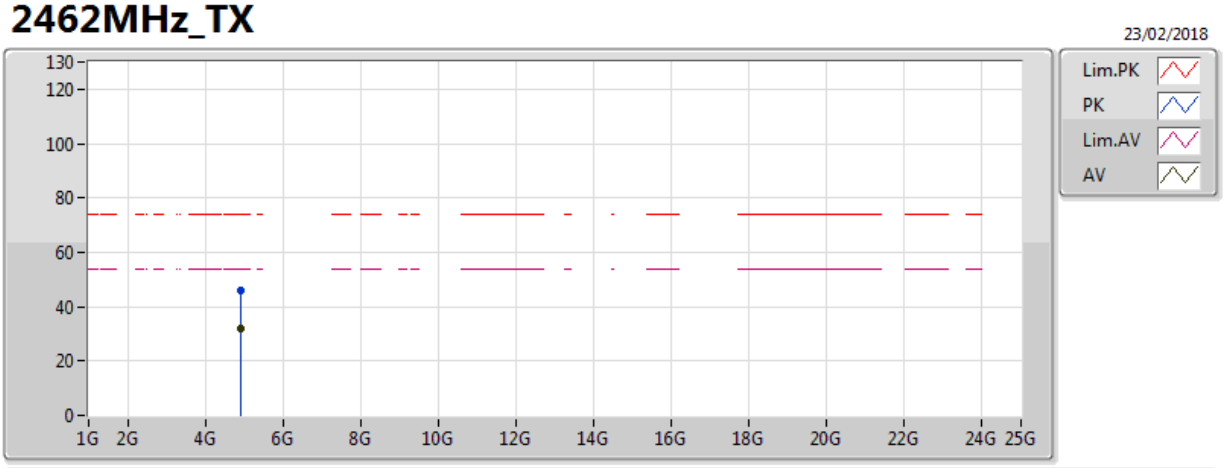


20180212
EUT Z_4 TX_Dipole
Setting 79(升1OVER)
06-L-3
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.4602G	115.31	Inf	-Inf	32.35	3	Vertical	150	2.60
AV	2.483502G	52.66	54.00	-1.34	32.42	3	Vertical	150	2.60
PK	2.47G	120.84	Inf	-Inf	32.38	3	Vertical	150	2.60
PK	2.484G	72.50	74.00	-1.50	32.42	3	Vertical	150	2.60

HE20,BF_Nss2,(MCS0)_4TX

2462MHz_TX

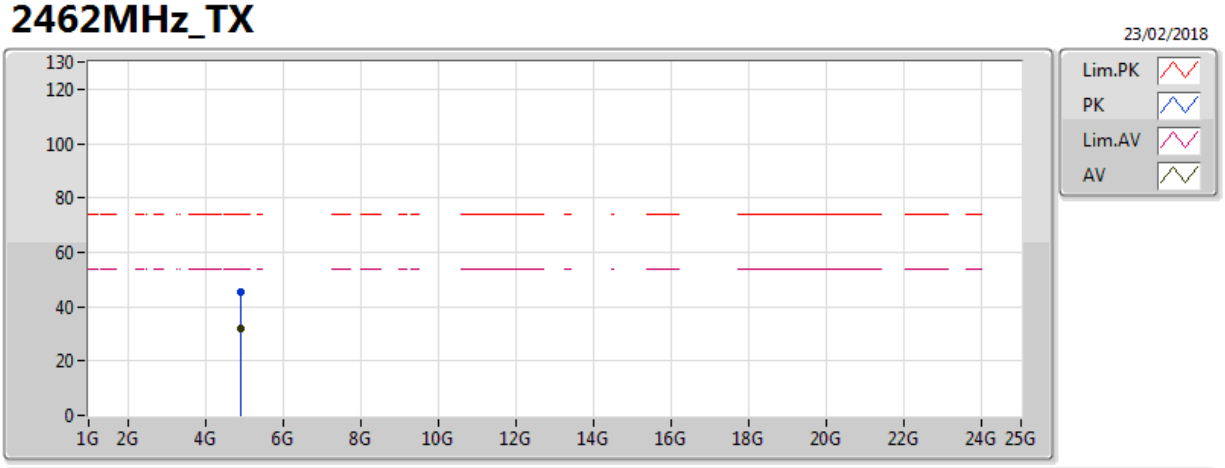


20180223
EUT Z_4 TX_Dipole
Setting 79
03-R-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.93068G	31.79	54.00	-22.21	4.99	3	Vertical	245	2.16
PK	4.93352G	45.72	74.00	-28.28	4.99	3	Vertical	245	2.16

HE20,BF_Nss2,(MCS0)_4TX

2462MHz_TX

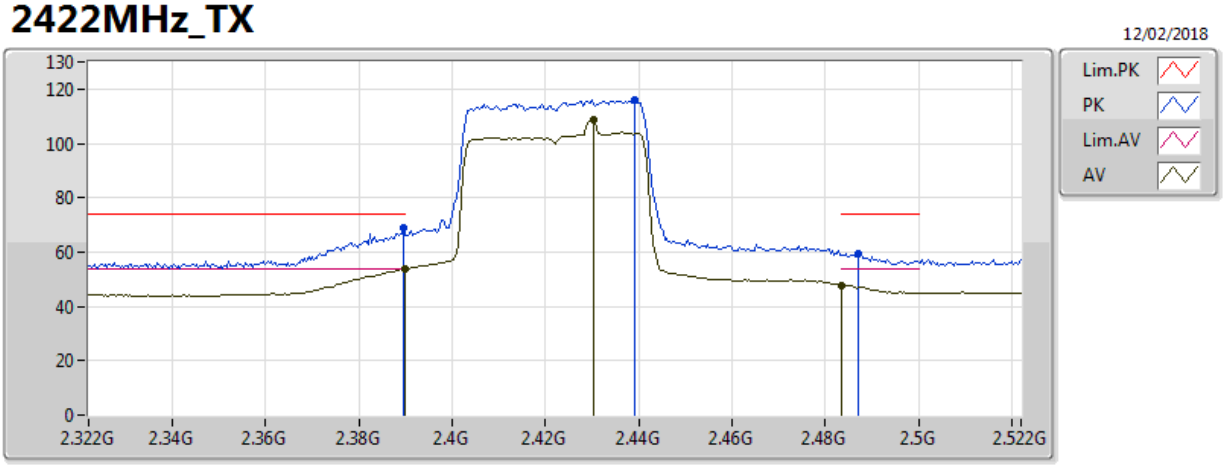


20180223
EUT Z_4 TX_Dipole
Setting 79
03-R-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.91828G	31.77	54.00	-22.23	4.97	3	Horizontal	47	1.71
PK	4.91612G	45.20	74.00	-28.80	4.97	3	Horizontal	47	1.71

HE40,BF_Nss2,(MCS0)_4TX

2422MHz_TX

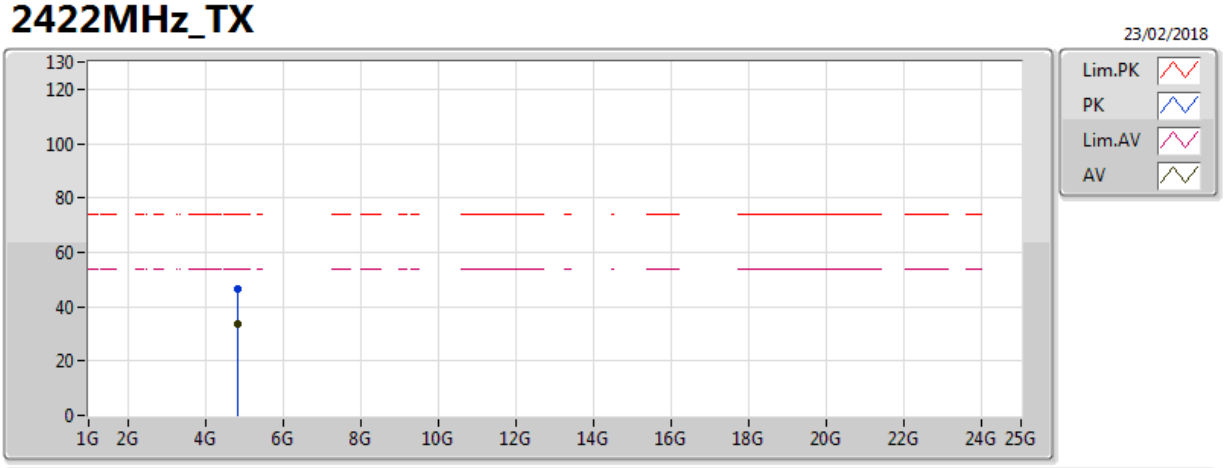


20180212
EUT Z_4 TX_Dipole
Setting 66
06-L-3
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.39G	53.81	54.00	-0.19	32.12	3	Vertical	304	2.15
AV	2.4304G	108.61	Inf	-Inf	32.25	3	Vertical	304	2.15
AV	2.4836G	47.71	54.00	-6.29	32.42	3	Vertical	304	2.15
PK	2.3896G	68.90	74.00	-5.10	32.12	3	Vertical	304	2.15
PK	2.4392G	116.02	Inf	-Inf	32.28	3	Vertical	304	2.15
PK	2.4872G	59.62	74.00	-14.38	32.43	3	Vertical	304	2.15

HE40,BF_Nss2,(MCS0)_4TX

2422MHz_TX

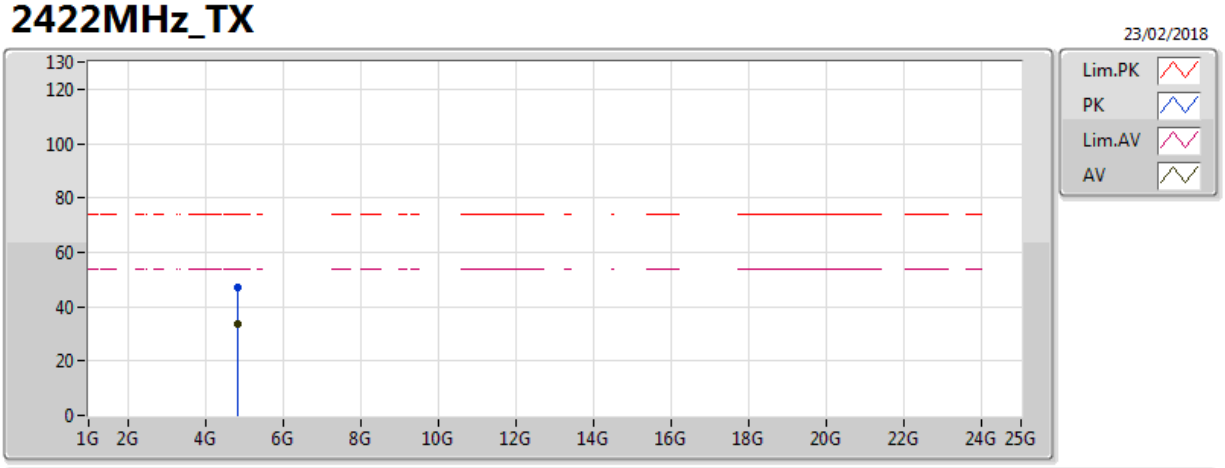


20180223
EUT Z_4 TX_Dipole
Setting 66
03-R-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.85332G	33.77	54.00	-20.23	6.82	3	Vertical	289	1.50
PK	4.8458G	46.74	74.00	-27.26	6.81	3	Vertical	289	1.50

HE40,BF_Nss2,(MCS0)_4TX

2422MHz_TX

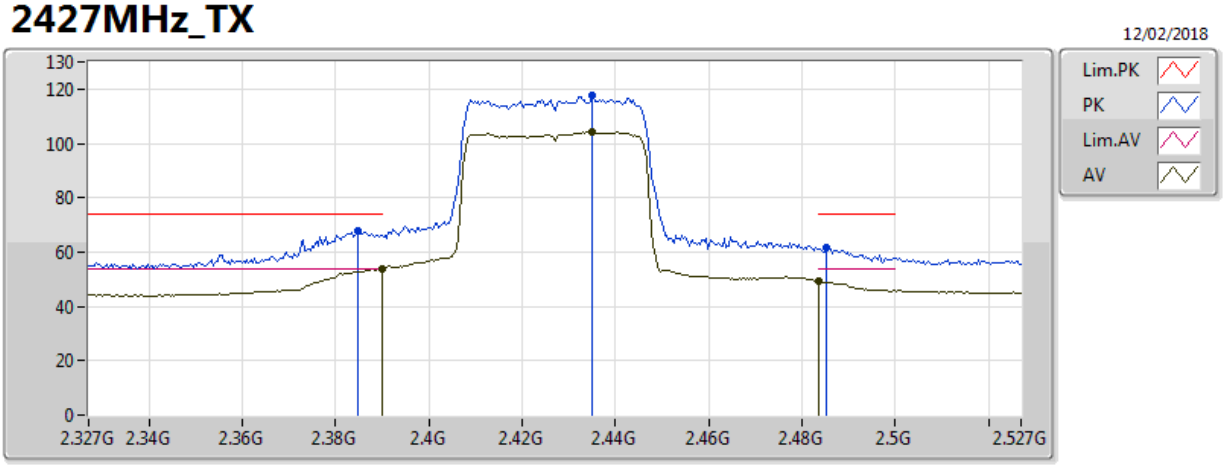


20180223
EUT Z_4 TX_Dipole
Setting 66
03-R-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.85264G	33.64	54.00	-20.36	6.82	3	Horizontal	168	1.68
PK	4.8398G	47.01	74.00	-26.99	6.80	3	Horizontal	168	1.68

HE40,BF_Nss2,(MCS0)_4TX

2427MHz_TX

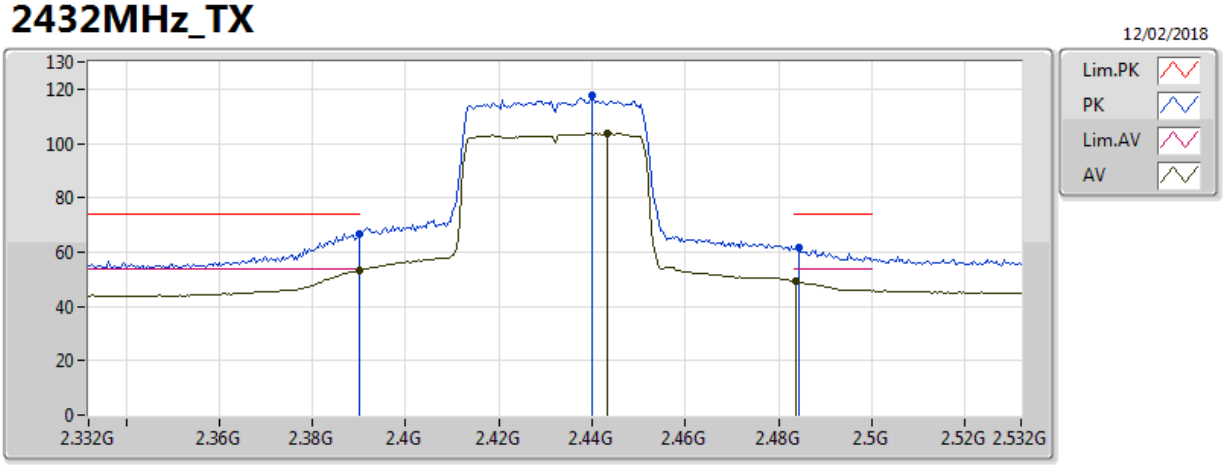


20180212
EUT Z_4 TX_Dipole
Setting 70
06-L-3
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.389998G	53.81	54.00	-0.19	32.12	3	Vertical	121	2.52
AV	2.435G	104.10	Inf	-Inf	32.26	3	Vertical	121	2.52
AV	2.483502G	49.33	54.00	-4.67	32.42	3	Vertical	121	2.52
PK	2.3846G	67.79	74.00	-6.21	32.10	3	Vertical	121	2.52
PK	2.435G	117.87	Inf	-Inf	32.26	3	Vertical	121	2.52
PK	2.4854G	61.44	74.00	-12.56	32.43	3	Vertical	121	2.52

HE40,BF_Nss2,(MCS0)_4TX

2432MHz_TX

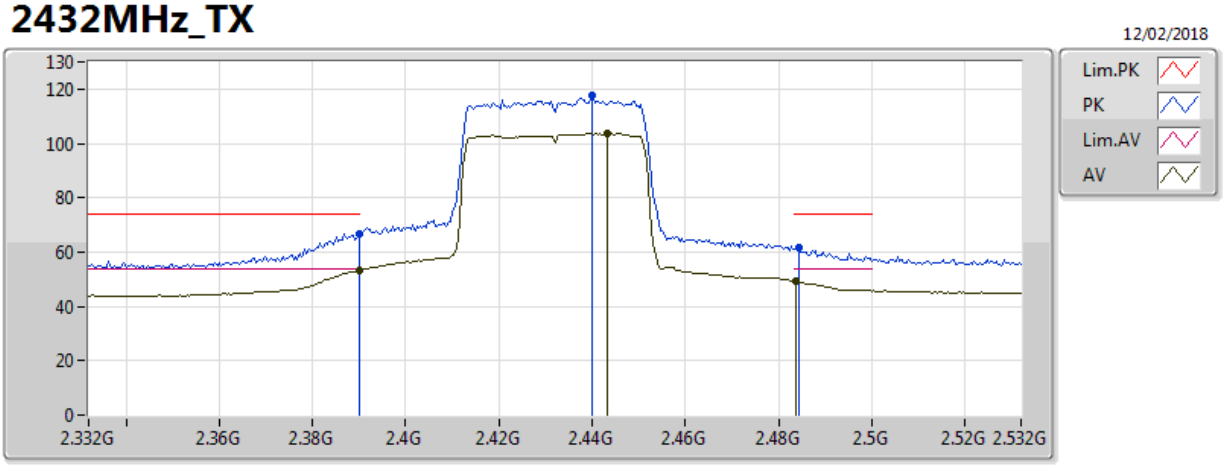


20180212
EUT Z_4 TX_Dipole
Setting 70
06-L-3
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.39G	53.34	54.00	-0.66	32.12	3	Vertical	56	1.95
AV	2.4432G	103.67	Inf	-Inf	32.29	3	Vertical	56	1.95
AV	2.4836G	49.18	54.00	-4.82	32.42	3	Vertical	56	1.95
PK	2.39G	66.93	74.00	-7.07	32.12	3	Vertical	56	1.95
PK	2.44G	117.53	Inf	-Inf	32.28	3	Vertical	56	1.95
PK	2.4844G	61.55	74.00	-12.45	32.42	3	Vertical	56	1.95

HE40,BF_Nss2,(MCS0)_4TX

2432MHz_TX

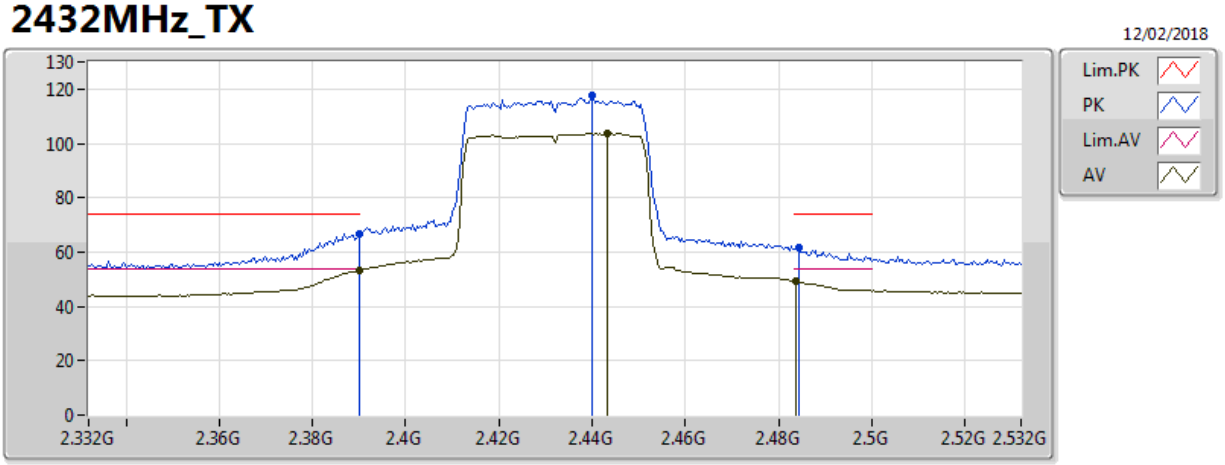


20180212
EUT Z_4 TX_Dipole
Setting 70
06-L-3
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.39G	53.34	54.00	-0.66	32.12	3	Vertical	56	1.95
AV	2.4432G	103.67	Inf	-Inf	32.29	3	Vertical	56	1.95
AV	2.4836G	49.18	54.00	-4.82	32.42	3	Vertical	56	1.95
PK	2.39G	66.93	74.00	-7.07	32.12	3	Vertical	56	1.95
PK	2.44G	117.53	Inf	-Inf	32.28	3	Vertical	56	1.95
PK	2.4844G	61.55	74.00	-12.45	32.42	3	Vertical	56	1.95

HE40,BF_Nss2,(MCS0)_4TX

2432MHz_TX

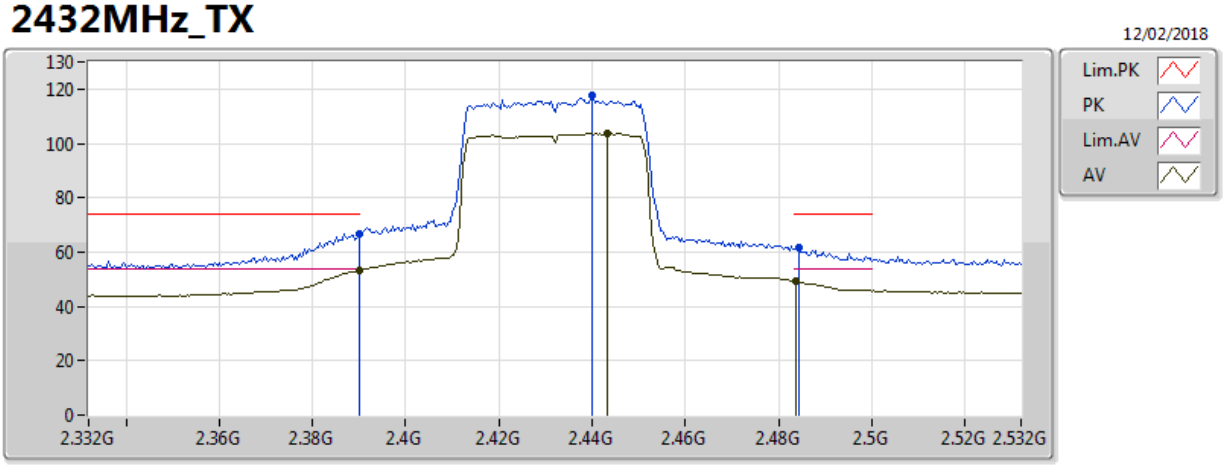


20180212
EUT Z_4 TX_Dipole
Setting 70
06-L-3
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.39G	53.34	54.00	-0.66	32.12	3	Vertical	56	1.95
AV	2.4432G	103.67	Inf	-Inf	32.29	3	Vertical	56	1.95
AV	2.4836G	49.18	54.00	-4.82	32.42	3	Vertical	56	1.95
PK	2.39G	66.93	74.00	-7.07	32.12	3	Vertical	56	1.95
PK	2.44G	117.53	Inf	-Inf	32.28	3	Vertical	56	1.95
PK	2.4844G	61.55	74.00	-12.45	32.42	3	Vertical	56	1.95

HE40,BF_Nss2,(MCS0)_4TX

2432MHz_TX

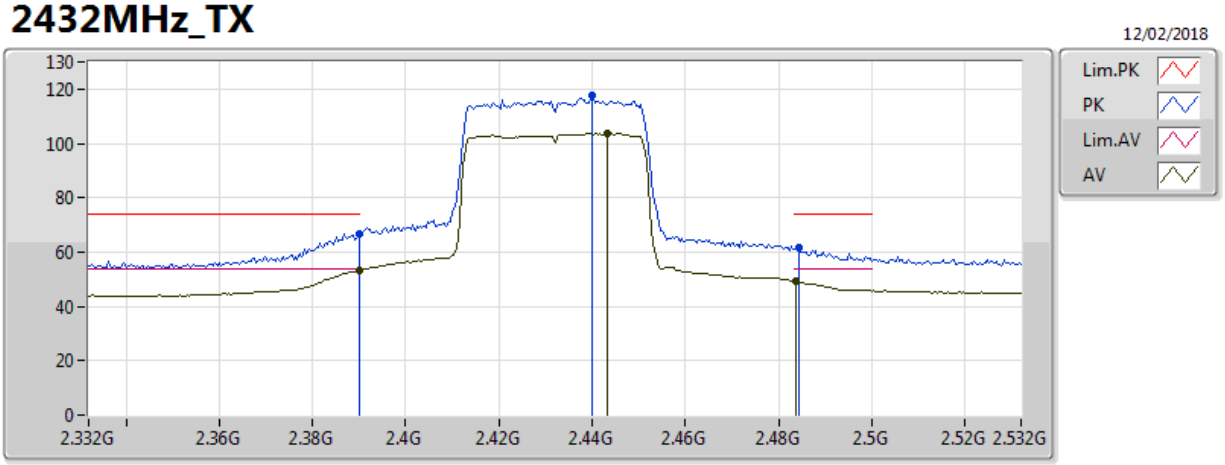


20180212
EUT Z_4 TX_Dipole
Setting 70
06-L-3
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.39G	53.34	54.00	-0.66	32.12	3	Vertical	56	1.95
AV	2.4432G	103.67	Inf	-Inf	32.29	3	Vertical	56	1.95
AV	2.4836G	49.18	54.00	-4.82	32.42	3	Vertical	56	1.95
PK	2.39G	66.93	74.00	-7.07	32.12	3	Vertical	56	1.95
PK	2.44G	117.53	Inf	-Inf	32.28	3	Vertical	56	1.95
PK	2.4844G	61.55	74.00	-12.45	32.42	3	Vertical	56	1.95

HE40,BF_Nss2,(MCS0)_4TX

2432MHz_TX

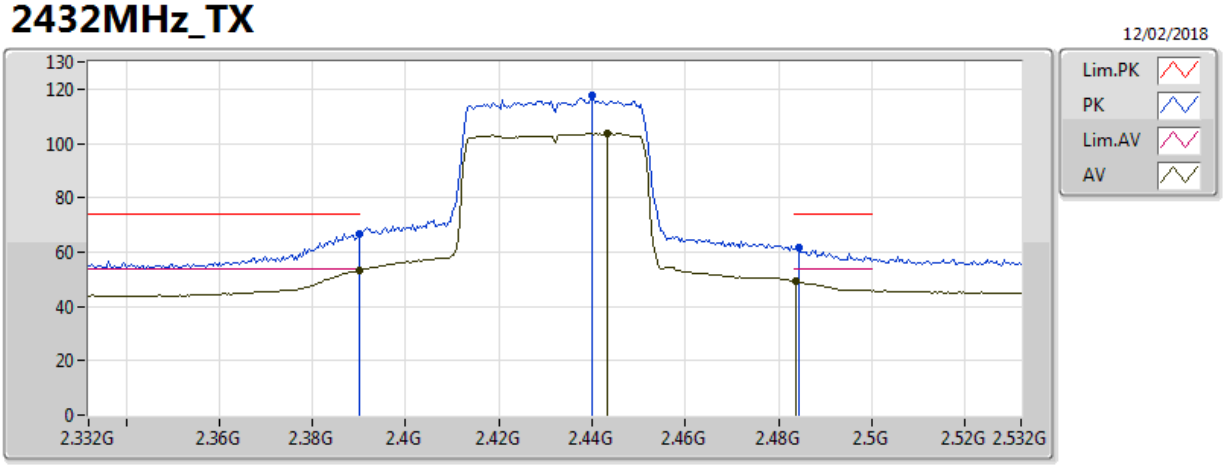


20180212
EUT Z_4 TX_Dipole
Setting 70
06-L-3
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.39G	53.34	54.00	-0.66	32.12	3	Vertical	56	1.95
AV	2.4432G	103.67	Inf	-Inf	32.29	3	Vertical	56	1.95
AV	2.4836G	49.18	54.00	-4.82	32.42	3	Vertical	56	1.95
PK	2.39G	66.93	74.00	-7.07	32.12	3	Vertical	56	1.95
PK	2.44G	117.53	Inf	-Inf	32.28	3	Vertical	56	1.95
PK	2.4844G	61.55	74.00	-12.45	32.42	3	Vertical	56	1.95

HE40,BF_Nss2,(MCS0)_4TX

2432MHz_TX

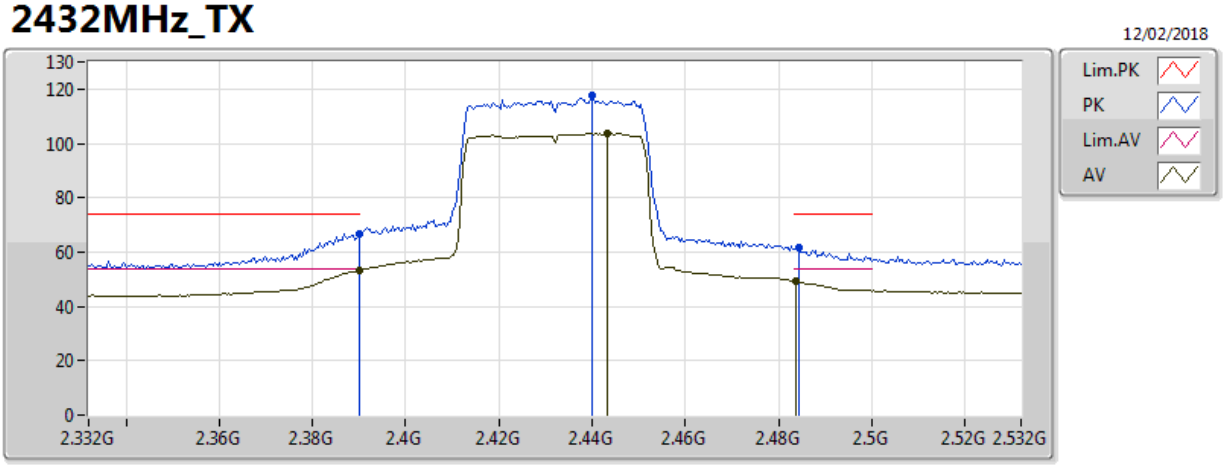


20180212
EUT Z_4 TX_Dipole
Setting 70
06-L-3
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.39G	53.34	54.00	-0.66	32.12	3	Vertical	56	1.95
AV	2.4432G	103.67	Inf	-Inf	32.29	3	Vertical	56	1.95
AV	2.4836G	49.18	54.00	-4.82	32.42	3	Vertical	56	1.95
PK	2.39G	66.93	74.00	-7.07	32.12	3	Vertical	56	1.95
PK	2.44G	117.53	Inf	-Inf	32.28	3	Vertical	56	1.95
PK	2.4844G	61.55	74.00	-12.45	32.42	3	Vertical	56	1.95

HE40,BF_Nss2,(MCS0)_4TX

2432MHz_TX

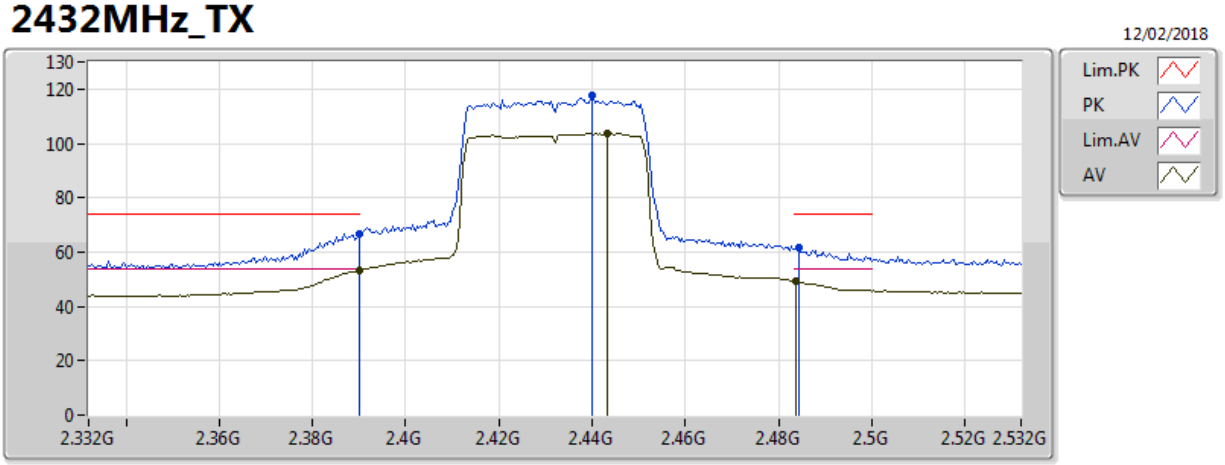


20180212
EUT Z_4 TX_Dipole
Setting 70
06-L-3
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.39G	53.34	54.00	-0.66	32.12	3	Vertical	56	1.95
AV	2.4432G	103.67	Inf	-Inf	32.29	3	Vertical	56	1.95
AV	2.4836G	49.18	54.00	-4.82	32.42	3	Vertical	56	1.95
PK	2.39G	66.93	74.00	-7.07	32.12	3	Vertical	56	1.95
PK	2.44G	117.53	Inf	-Inf	32.28	3	Vertical	56	1.95
PK	2.4844G	61.55	74.00	-12.45	32.42	3	Vertical	56	1.95

HE40,BF_Nss2,(MCS0)_4TX

2432MHz_TX

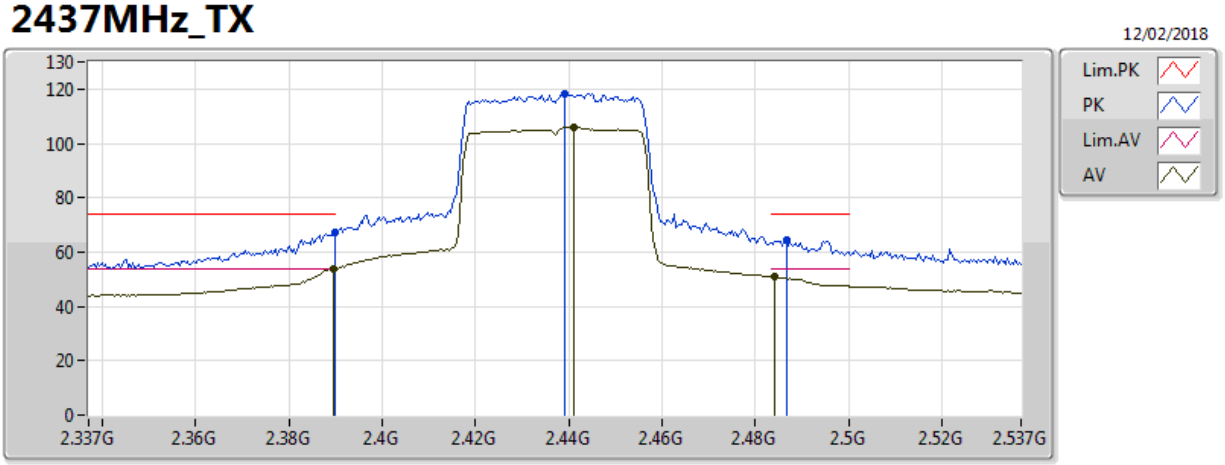


20180212
EUT Z_4 TX_Dipole
Setting 70
06-L-3
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.39G	53.34	54.00	-0.66	32.12	3	Vertical	56	1.95
AV	2.4432G	103.67	Inf	-Inf	32.29	3	Vertical	56	1.95
AV	2.4836G	49.18	54.00	-4.82	32.42	3	Vertical	56	1.95
PK	2.39G	66.93	74.00	-7.07	32.12	3	Vertical	56	1.95
PK	2.44G	117.53	Inf	-Inf	32.28	3	Vertical	56	1.95
PK	2.4844G	61.55	74.00	-12.45	32.42	3	Vertical	56	1.95

HE40,BF_Nss2,(MCS0)_4TX

2437MHz_TX

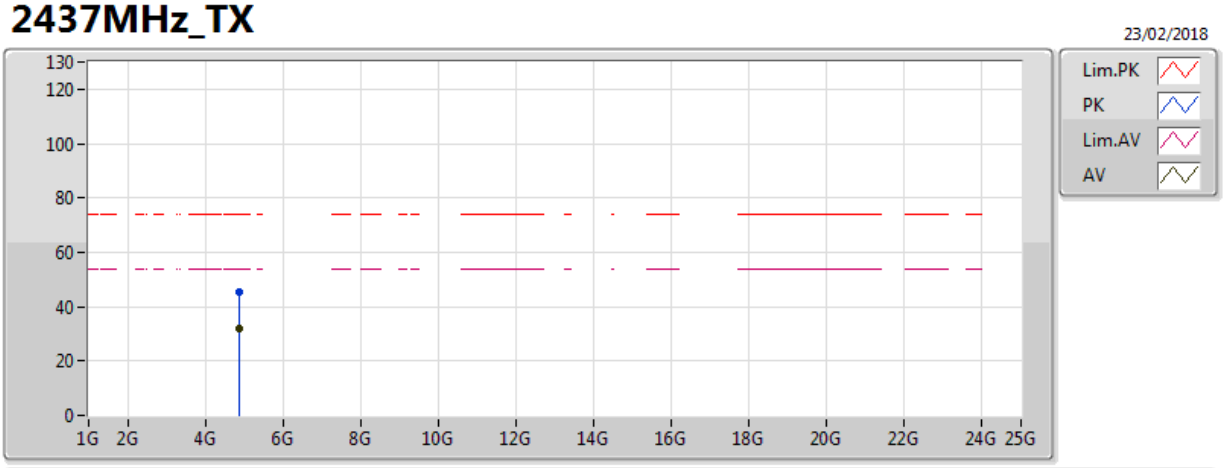


20180212
EUT Z_4 TX_Dipole
Setting 79
06-L-3
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.3894G	53.98	54.00	-0.02	32.12	3	Vertical	68	2.18
AV	2.441G	105.80	Inf	-Inf	32.28	3	Vertical	68	2.18
AV	2.4842G	50.92	54.00	-3.08	32.42	3	Vertical	68	2.18
PK	2.389998G	67.48	74.00	-6.52	32.12	3	Vertical	68	2.18
PK	2.439G	118.33	Inf	-Inf	32.28	3	Vertical	68	2.18
PK	2.4866G	64.26	74.00	-9.74	32.43	3	Vertical	68	2.18

HE40,BF_Nss2,(MCS0)_4TX

2437MHz_TX

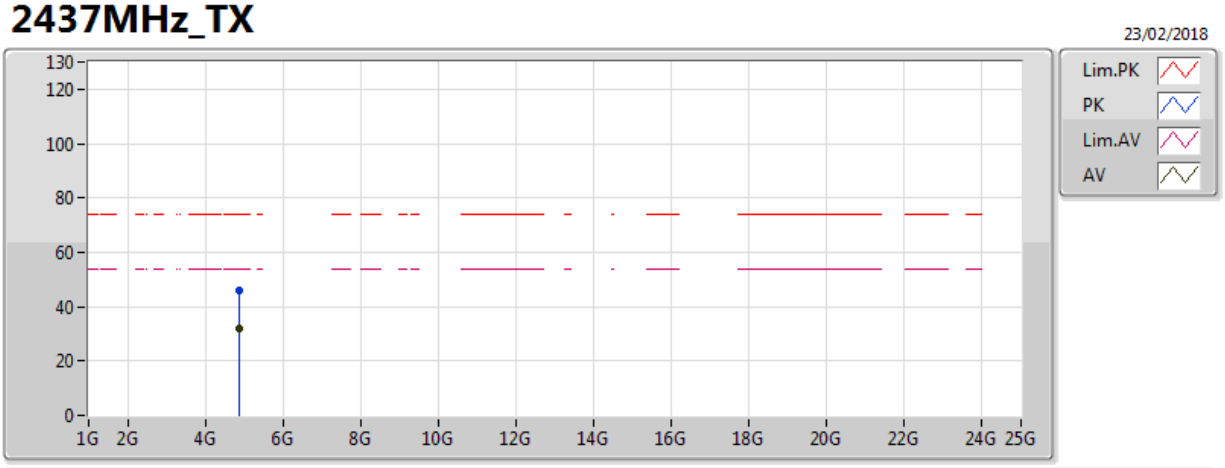


20180223
EUT Z_4 TX_Dipole
Setting 79
03-R-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.8664G	32.14	54.00	-21.86	4.91	3	Vertical	3	1.28
PK	4.87816G	45.39	74.00	-28.61	4.92	3	Vertical	3	1.28

HE40,BF_Nss2,(MCS0)_4TX

2437MHz_TX

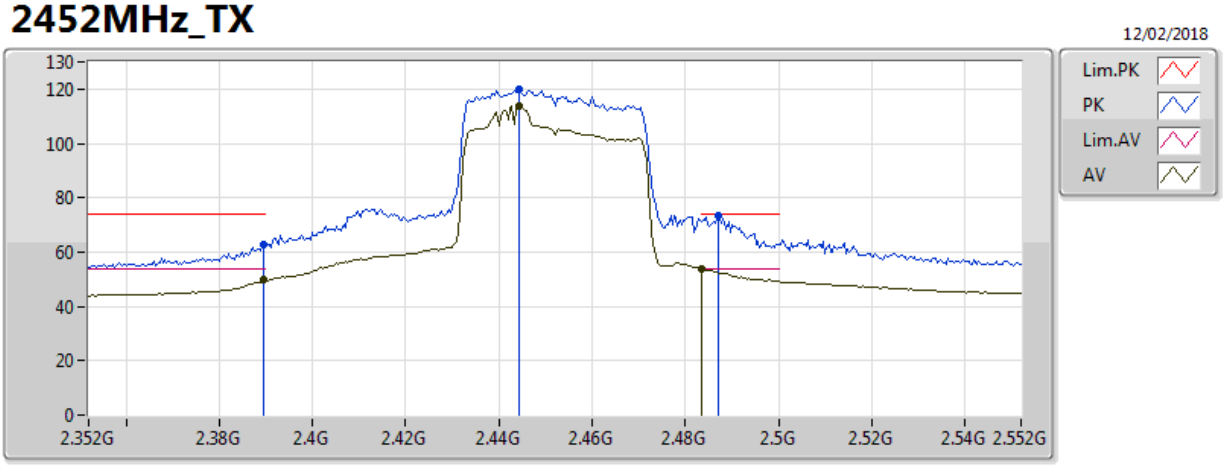


20180223
EUT Z_4 TX_Dipole
Setting 79
03-R-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.8738G	32.06	54.00	-21.94	4.91	3	Horizontal	354	1.88
PK	4.8716G	45.87	74.00	-28.13	4.91	3	Horizontal	354	1.88

HE40,BF_Nss2,(MCS0)_4TX

2452MHz_TX

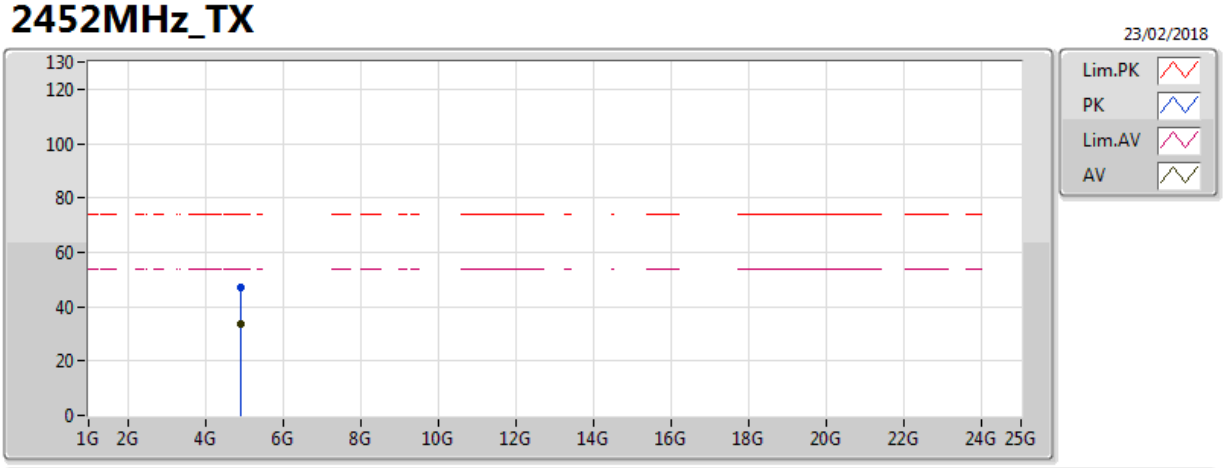


20180212
EUT Z_4 TX_Dipole
Setting 77
06-L-3
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.3896G	49.67	54.00	-4.33	32.12	3	Vertical	311	2.06
AV	2.4444G	113.72	Inf	-Inf	32.29	3	Vertical	311	2.06
AV	2.4836G	53.73	54.00	-0.27	32.42	3	Vertical	311	2.06
PK	2.3896G	62.87	74.00	-11.13	32.12	3	Vertical	311	2.06
PK	2.4444G	119.73	Inf	-Inf	32.29	3	Vertical	311	2.06
PK	2.4872G	73.42	74.00	-0.58	32.43	3	Vertical	311	2.06

HE40,BF_Nss2,(MCS0)_4TX

2452MHz_TX

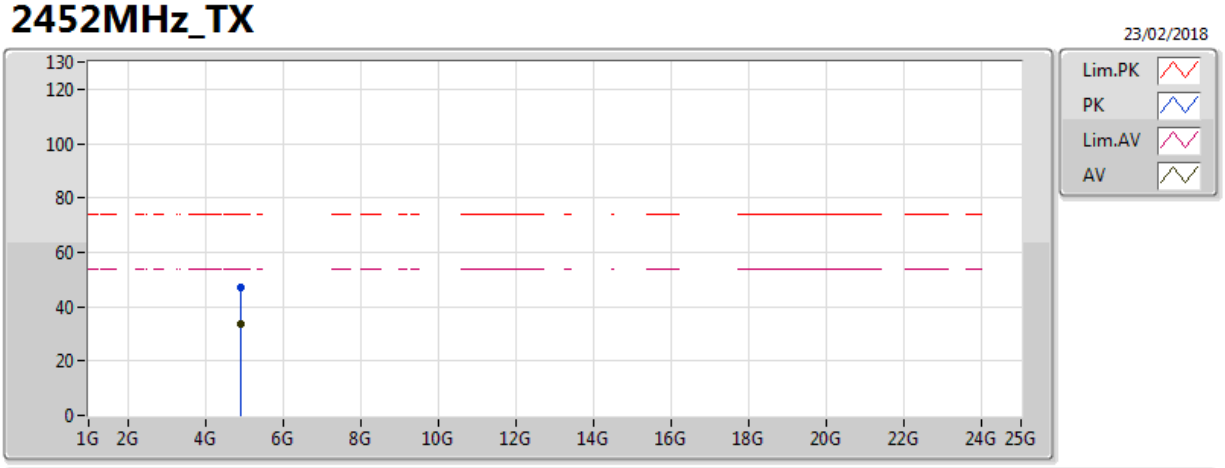


20180223
EUT Z_4 TX_Dipole
Setting 77
03-R-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.903G	33.89	54.00	-20.11	6.90	3	Vertical	134	2.07
PK	4.90516G	47.28	74.00	-26.72	6.90	3	Vertical	134	2.07

HE40,BF_Nss2,(MCS0)_4TX

2452MHz_TX



20180223
EUT Z_4 TX_Dipole
Setting 77
03-R-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.9076G	33.90	54.00	-20.10	6.91	3	Horizontal	224	1.43
PK	4.913G	47.19	74.00	-26.81	6.91	3	Horizontal	224	1.43