Testing Laboratory 3787

RADIO TEST REPORT

FCC ID	:	O6ZHS17R2
Equipment	:	Digital Satellite Receiver(Headless DVR Server)
Brand Name	:	DIRECTV
Model Name	:	HS17-500
Applicant	:	HUMAX Co., Ltd. HUMAX BLDG., 2, Yeongmun-ro, Cheoin-gu , Yongin-si, Gyeonggi-do, South Korea 17040
Manufacturer	:	HUMAX Co., Ltd. HUMAX BLDG., 2, Yeongmun-ro, Cheoin-gu , Yongin-si, Gyeonggi-do, South Korea 17040
Standard	:	47 CFR FCC Part 15.247

The product was received on Oct. 28, 2016, and testing was started from Oct. 28, 2016 and completed on Mar. 06, 2024. We, Sporton International Inc. Hsinchu Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of Sporton International Inc. Hsinchu Laboratory, the test report shall not be reproduced except in full.

Approved by: Sam Chen

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

Table of Contents

History of this test report

Report No.	Version	Description	Issued Date
FR6O2615-06AA	01	Initial issue of report	Apr. 29, 2024

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.2	15.203	Antenna Requirement	PASS	-
3.1	15.207	AC Power-line Conducted Emissions	PASS	-
3.2	15.247(a)	DTS Bandwidth	PASS	-
3.3	15.247(b)	Maximum Conducted Output Power	PASS	-
3.4	15.247(e)	Power Spectral Density	PASS	-
3.5	15.247(d)	Emissions in Non-restricted Frequency Bands	PASS	-
3.6	15.247(d)	Emissions in Restricted Frequency Bands	PASS	-
Note: Reference to Sporton Project No.: 6O2615, 6O2615-02				

Conformity Assessment Condition:

1. The test results (PASS/FAIL) with all measurement uncertainty excluded are presented against the regulation limits or in accordance with the requirements stipulated by the applicant/manufacturer who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account.
2. The measurement uncertainty please refer to each test result in the chapter "Measurement Uncertainty".

Disclaimer:

The product specifications of the EUT presented in the test report that may affect the test assessments are declared by the manufacturer who shall take full responsibility for the authenticity.

Reviewed by: Sam Chen
Report Producer: Cathy Chiu

1 General Description

1.1 Information

1.1.1 RF General Information

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

Band	Mode	BWch (MHz)	Nant
2.4G	11b	20	1
2.4G	11g	20	1
2.4G	HT20	20	2
2.4G	HT40	40	2

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

1.1.2 Antenna Information

Ant.	Port	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	1	Airgain	N24X2H2YN-W98U	PIFA	U.FL	Note1
2	2	Airgain	N24X2H2YW-B95U	PIFA	U.FL	
3	2	Airgain	N5X35B2YN-E57U	PIFA	U.FL	
4	1	Airgain	N5X35B2YN-R137U	PIFA	U.FL	
5	3	Airgain	N5X35B2YW-G80U	PIFA	U.FL	
6	4	Airgain	N5X35BYN-A100U	PIFA	U.FL	

Note1:

Ant.	Port	Antenna Gain (dBi)				
		WLAN 2.4GHz	WLAN 5GHz UNII 1	WLAN 5GHz UNII 2A	WLAN 5GHz UNII 2C	WLAN 5GHz UNII 3
1	1	1.15	-	-	-	-
2	2	1.15	-	-	-	-
3	2	-	2.46	2.59	3.58	3.38
4	1	-	2.93	3.23	4.55	3.68
5	3	-	3.5	3.28	4.42	4.59
6	4	-	4.57	4.23	5.18	5.06

Ant.	Port	Directional Gain (dBi)											
		WLAN 5GHz UNII 1			WLAN 5GHz UNII 2A			WLAN 5GHz UNII 2C			WLAN 5GHz UNII 3		
		4T1S	4T2S	4T4S	4T1S	4T2S	4T4S	4T1S	4T2S	4T4S	4T1S	4T2S	4T4S
3	2	5.29	4.57	4.57	4.86	4.23	4.23	6.08	5.18	5.18	5.9	5.06	5.06
4	1												
5	3												
6	4												

Note2: The above information (excepting antenna gain of 5GHz UNII 1~UNII 3) was declared by manufacturer.
Note3: 5GHz UNII 1~UNII 3: Maximum Directional Gain following KDB662911 D03.
Note4: The above information was declared by manufacturer.

Note5: Directional gain information

Type	Maximum Output Power	Power Spectral Density
Non-BF	Directional gain = Max.gain + array gain. For power measurements on IEEE 802.11 devices Array Gain = 0 dB (i.e., no array gain) for N ANT ≤ 4	$DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$
BF	$DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$	$DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$

Ex.

Directional Gain (NSS1) formula : $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$

NSS1(g1,1) = $10^{G1/20}$; NSS1(g1,2)= $10^{G2/20}$; NSS1(g1,2)= $10^{G3/20}$; NSS1(g1,2)= $10^{G4/20}$

gj,k =$(Nss1(g1,1) + Nss1(g1,2) + Nss1(g1,3) + Nss1(g1,4))^2$

DG = 10 log$[(Nss1(g1,1) + Nss1(g1,2) + Nss1(g1,3) + Nss1(g1,4))^2 / N_{ANT}]$ => 10 log$[(10^{G1/20} + 10^{G2/20} + 10^{G3/20} + 10^{G4/20})^2 / N_{ANT}]$

Where ;

2.4G G1= 1.15 dBi ;G2= 1.15 dBi ;

2.4G DG = 4.16 dBi

For 2.4GHz function:
For IEEE 802.11b/g (1TX/1RX)
The EUT supports the antenna with TX and RX diversity functions.
Both Port 1 and Port 2 support transmit and receive functions, but only one of them will be used at one time.
For IEEE 802.11n (2TX/2RX)
Port 1 and Port 2 can be used as transmitting/receiving antenna.
Port 1 and Port 2 could transmit/receive simultaneously.
For 5GHz function:
For IEEE 802.11a/n/ac/ax (4TX/4RX):
Port 1, Port 2, Port 3 and Port 4 can be used as transmitting/receiving antenna.
Port 1, Port 2, Port 3 and Port 4 could transmit/receive simultaneously.

1.1.3 Mode Test Duty Cycle

Mode	DC	T(s)	VBW(Hz) ≥ 1/T
11b	1	n/a (DC>=0.98)	n/a (DC>=0.98)
11g	1	n/a (DC>=0.98)	n/a (DC>=0.98)
HT20	1	n/a (DC>=0.98)	n/a (DC>=0.98)
HT40	0.899	705.128u	3k

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

1.1.4 EUT Operational Condition

EUT Power Type	From Power Adapter			
Beamforming Function	☒	With beamforming	☐	Without beamforming
	The product has beamforming function for 802.11n/ac in 5GHz.			
Function	☒	Point-to-multipoint	☐	Point-to-point
Support RU	☒	Full RU	☐	Partial RU
Test Software Version	accessMtool 3.2.02			

Note: The above information was declared by manufacturer.

1.2 Applicable Standards

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

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

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

- FCC KDB 558074 D01 v05r02
- FCC KDB 662911 D01 v02r01
- FCC KDB 662911 D03 v01
- FCC KDB 414788 D01 v01r01

1.3 Testing Location Information

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

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted	TH01-CB	Paul Chen	25 / 65	Oct. 28, 2016~ Nov. 18, 2016
Radiated (Below 1GHz)	03CH04-CB	Stim Song	21.4-22.5 / 55-58	Feb. 28, 2024~ Mar. 05, 2024
	03CH06-CB	Stim Song	21.9-22.4 / 55-58	Feb. 28, 2024~ Mar. 05, 2024
Radiated (Above 1GHz)	03CH01-CB	Steven Liang	22 / 54	Nov. 14, 2016~ Nov. 18, 2016
	03CH01-CB	Justin Lin, Jay Chen, Brian Sun	22 / 54	Sep. 01, 2017~ Dec. 13, 2017
AC Conduction	CO01-CB	Bob Chang	22~23 / 50~51	Mar. 06, 2024

Note: The tested sample of the test item (AC Conduction and Radiated (Below 1GHz)) was received on Jan. 16, 2024.

1.4 Measurement Uncertainty

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

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	3.4 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	3.7 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	5.1 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	3.7 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	3.5 dB	Confidence levels of 95%
Conducted Emission	1.7 dB	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Channel Mode

Band	Mode	BWch (MHz)	Nss-Min	Nant	Ch. (MHz)	Range
2.4G	11b	20	1	1	2412	L
2.4G	11b	20	1	1	2437	M
2.4G	11b	20	1	1	2462	H
2.4G	11g	20	1	1	2412	L
2.4G	11g	20	1	1	2437	M
2.4G	11g	20	1	1	2462	H
2.4G	HT20	20	1,(M0)	2	2412	L
2.4G	HT20	20	1,(M0)	2	2437	M
2.4G	HT20	20	1,(M0)	2	2462	H
2.4G	HT40	40	1,(M0)	2	2422	L
2.4G	HT40	40	1,(M0)	2	2437	M
2.4G	HT40	40	1,(M0)	2	2452	H

Note:
- Test range channel consist of L (Low Ch.), M (Middle Ch.), H (High Ch.), S (Single Ch.) and C (Straddle Band Ch.).

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral Test Voltage: 120Vac / 60Hz
Operating Mode	CTX
1	EUT + WLAN 2.4GHz
2	EUT + WLAN 5GHz
For operating mode 2 is the worst case and it was record in this test report.	

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

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emissions in Restricted Frequency Bands
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode < 1GHz	CTX
After evaluating, and the worst case was found at Y axis, so it was selected to perform test and its test result was written in the report.	
1	EUT in Y axis + WLAN 2.4GHz
2	EUT in Y axis + WLAN 5GHz
For operating mode 2 is the worst case and it was record in this test report.	
Operating Mode > 1GHz	CTX
After evaluating, and the worst case was found at Y axis, so it was selected to perform test and its test result was written in the report.	
1	EUT in Y axis + WLAN 2.4GHz

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	WLAN 2.4GHz + WLAN 5GHz
Refer to Sporton Test Report No.: FA6O2615-06 for Co-location RF Exposure Evaluation.	

2.3 EUT Operation during Test

The EUT was programmed to be in continuously transmitting mode.

2.4 Accessories

Accessories			
Equipment Name	**Brand Name**	**Model Name**	**Rating**
Adapter	DIRECTV	EPS17R0-15	INPUT: 120 V ~ 1.8 A, 60Hz OUTPUT: 25.2 V, 2.86 A, 72W

2.5 Support Equipment

For AC Conduction:

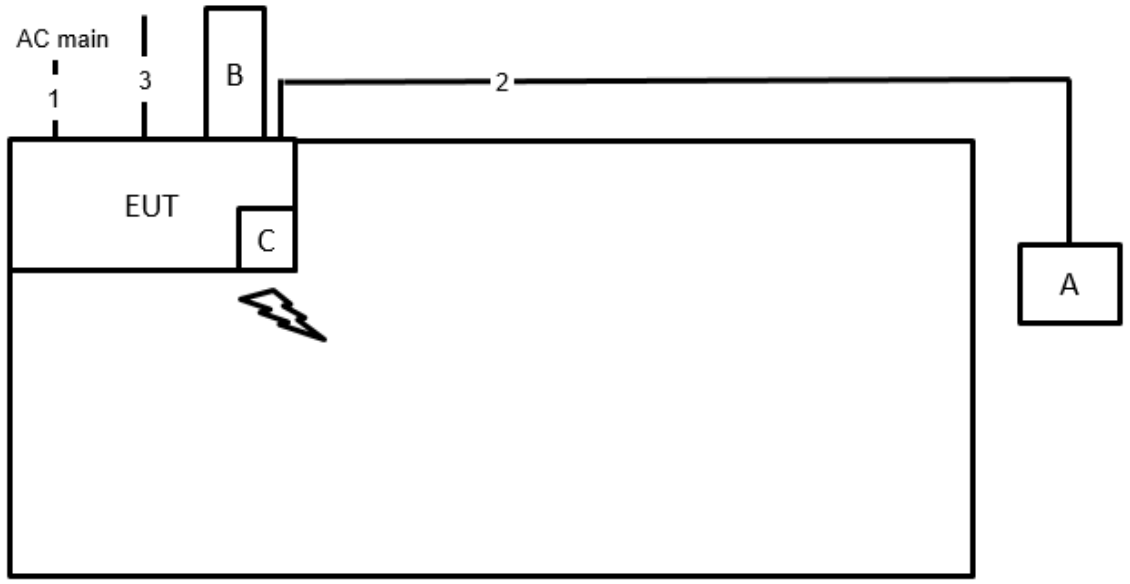
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	LAN NB	DELL	PP13S	N/A
B	Flash disk3.0	Transcend	JetFlash-703	N/A
C	Sim Card	DIRECTV	N/A	N/A

For Radiated and RF Conducted:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	NB	DELL	E4300	N/A

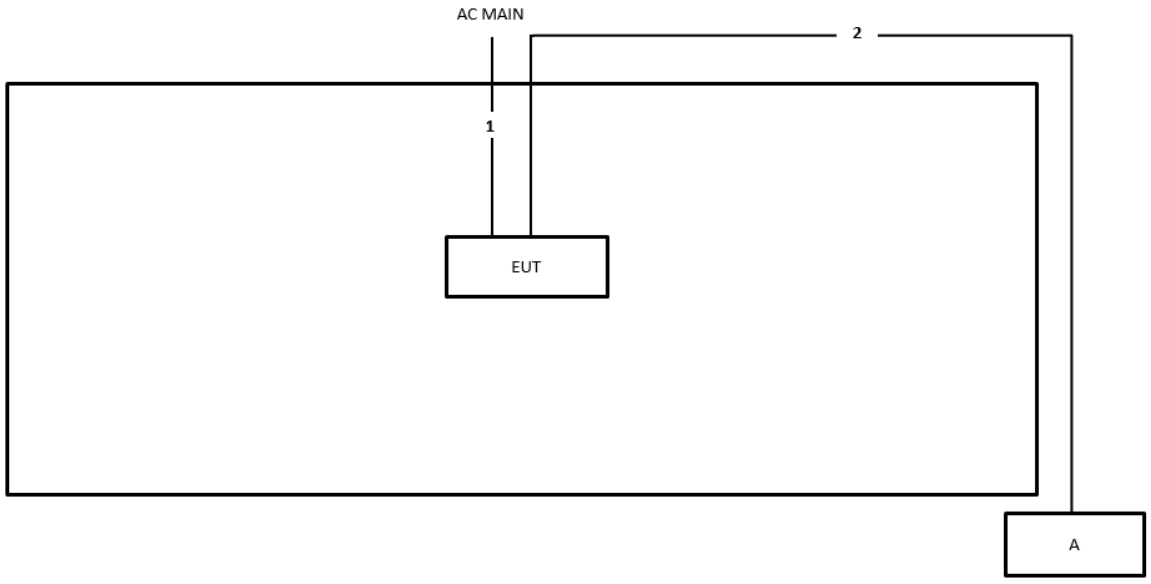
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



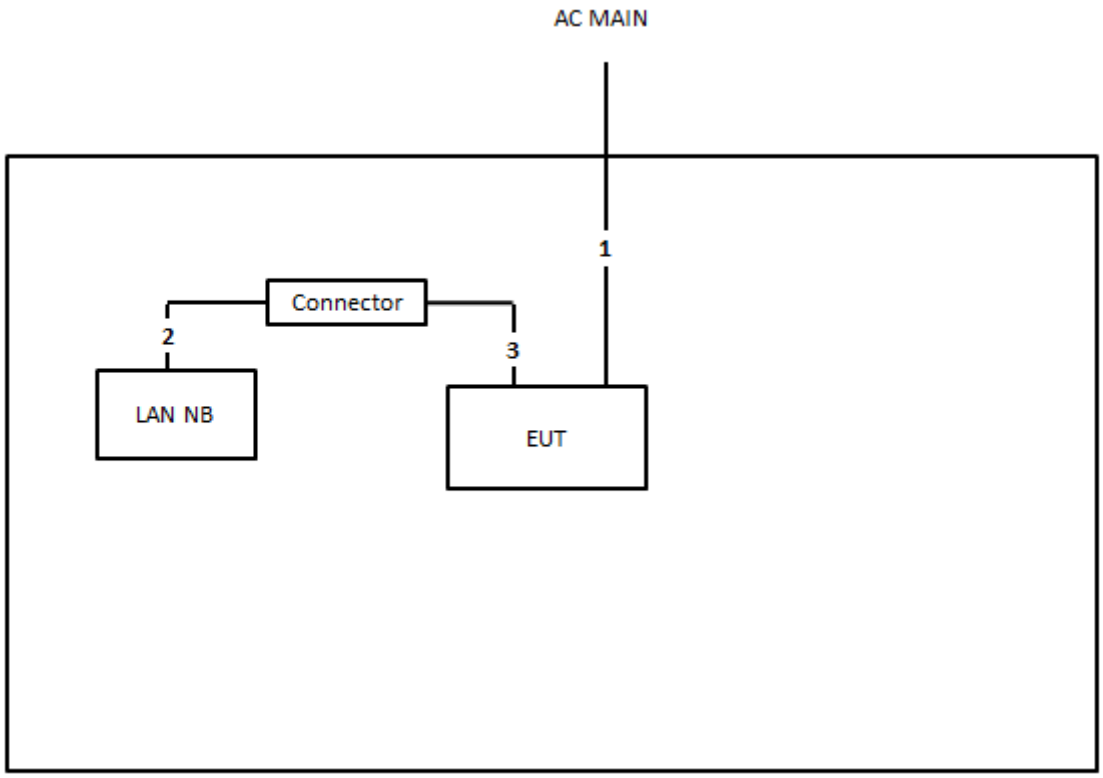
Item	Connection	Shielded	Length
1	Power cable	No	3.2m
2	RJ-45 cable	No	10m
3	Coaxial cable	No	1.5m

Test Setup Diagram - Radiated Test < 1GHz



Item	Connection	Shielded	Length
1	Power cable	No	3.2m
2	RJ-45 cable	No	10m

Test Setup Diagram - Radiated Test > 1GHz



Item	Connection	Shielded	Length
1	Power cable	No	3.2m
2	RS-232 cable	No	0.4m
3	Console cable	No	1m

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

AC Power-line Conducted Emissions Limit		
Frequency Emission (MHz)	**Quasi-Peak**	**Average**
0.15-0.5	66 - 56 *	56 - 46 *
0.5-5	56	46
5-30	60	50
Note 1: * Decreases with the logarithm of the frequency.		

3.1.2 Measuring Instruments

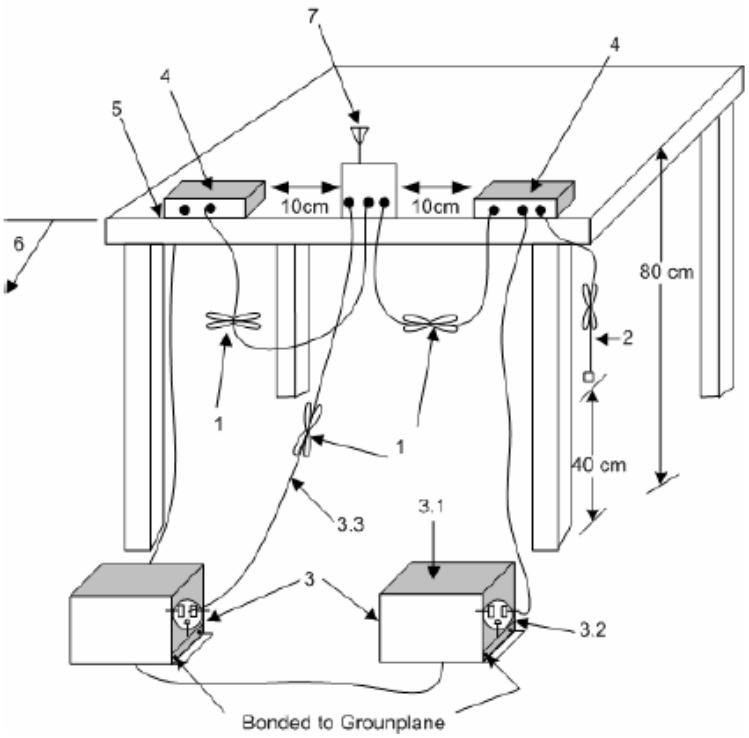
Refer a test equipment and calibration data table in this test report.

3.1.3 Test Procedures

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

3.1.4 Test Setup

AC Power-line Conducted Emissions



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

3.1.5 Measurement Results Calculation

The measured Level is calculated using:

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

b. Margin = -Limit + Level

3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 DTS Bandwidth

3.2.1 6dB Bandwidth Limit

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

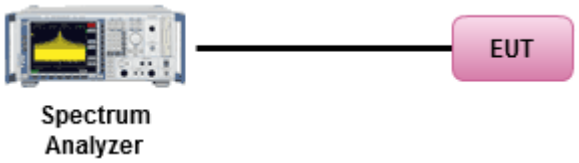
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

Test Method	
▪ For the emission bandwidth shall be measured using one of the options below:	
	☒ Refer as FCC KDB 558074, clause 8.2 & C63.10 clause 11.8.1 Option 1 for 6 dB bandwidth measurement.
	☐ Refer as FCC KDB 558074, clause 8.2 & C63.10 clause 11.8.2 Option 2 for 6 dB bandwidth measurement.
	☐ Refer as ANSI C63.10, clause 6.9.1 for occupied bandwidth testing.

3.2.4 Test Setup

Emission Bandwidth


3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

Maximum Conducted Output Power Limit		
	▪ If $G_{TX} \leq 6$ dBi, then $P_{Out} \leq 30$ dBm (1 W)	
	▪ Point-to-multipoint systems (P2M): If $G_{TX} > 6$ dBi, then $P_{Out} = 30 – (G_{TX} – 6)$ dBm	
	▪ Point-to-point systems (P2P): If $G_{TX} > 6$ dBi, then $P_{Out} = 30 – (G_{TX} – 6)/3$ dBm	
	▪ Smart antenna system (SAS):	
		- Single beam: If $G_{TX} > 6$ dBi, then $P_{Out} = 30 – (G_{TX} – 6)/3$ dBm
		- Overlap beam: If $G_{TX} > 6$ dBi, then $P_{Out} = 30 – (G_{TX} – 6)/3$ dBm
		- Aggregate power on all beams: If $G_{TX} > 6$ dBi, then $P_{Out} = 30 – (G_{TX} – 6)/3 + 8$dB dBm
P_{Out} = maximum peak conducted output power or maximum conducted output power in dBm, **G_{TX}** = the maximum transmitting antenna directional gain in dBi.		

3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

Test Method	
▪ Maximum Peak Conducted Output Power	
	☐ Refer as FCC KDB 558074, clause 8.3.1.1 & C63.10 clause 11.9.1.1 (RBW ≥ EBW method).
	☐ Refer as FCC KDB 558074, clause 8.3.1.3 & C63.10 clause 11.9.1.3 (peak power meter).
▪ Maximum Conducted Output Power	
	[duty cycle ≥ 98% or external video / power trigger]
	☐ Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.2 Method AVGSA-1.
	☐ Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.3 Method AVGSA-1A. (alternative)
	duty cycle < 98% and average over on/off periods with duty factor
	☐ Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.4 Method AVGSA-2.
	☐ Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.5 Method AVGSA-2A (alternative)
	☐ Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.6 Method AVGSA-3
	☐ Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.7 Method AVGSA-3A (alternative)
	Measurement using a power meter (PM)
	☐ Refer as FCC KDB 558074, clause 8.3.2.3 & C63.10 clause 11.9.2.3.1 Method AVGPM (using an RF average power meter).
	☒ Refer as FCC KDB 558074, clause 8.3.2.3 & C63.10 clause 11.9.2.3.2 Method AVGPM-G (using an gate RF average power meter).
▪ For conducted measurement.	
	▪ If the EUT supports multiple transmit chains using options given below: Refer as FCC KDB 662911, In-band power measurements. Using the measure-and-sum approach, measured all transmit ports individually. Sum the power (in linear power units e.g., mW) of all ports for each individual sample and save them.
	▪ If multiple transmit chains, EIRP calculation could be following as methods: $P_{total} = P_1 + P_2 + \ldots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$

3.3.4 Test Setup

Maximum Conducted Output Power (Power Meter)


3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Power Spectral Density

3.4.1 Power Spectral Density Limit

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

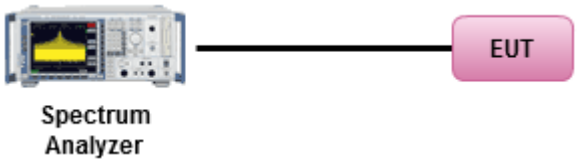
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

Test Method		
▪ Peak power spectral density procedures that the same method as used to determine the conducted output power. If maximum peak conducted output power was measured to demonstrate compliance to the output power limit, then the peak PSD procedure below (Method PKPSD) shall be used. If maximum conducted output power was measured to demonstrate compliance to the output power limit, then one of the average PSD procedures shall be used, as applicable based on the following criteria (the peak PSD procedure is also an acceptable option).		
	☒ Refer as FCC KDB 558074, clause 8.4 & C63.10 clause 11.10 Method Max. PSD.	
▪ For conducted measurement.		
	▪ If The EUT supports multiple transmit chains using options given below:	
		☒ Option 1: Measure and sum the spectra across the outputs. Refer as FCC KDB 662911, In-band power spectral density (PSD). Sample all transmit ports simultaneously using a spectrum analyzer for each transmit port. Where the trace bin-by-bin of each transmit port summing can be performed. (i.e., in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 and that from the first spectral bin of output 3, and so on up to the NTX output to obtain the value for the first frequency bin of the summed spectrum.). Add up the amplitude (power) values for the different transmit chains and use this as the new data trace.
		☐ Option 2: Measure and sum spectral maxima across the outputs. With this technique, spectra are measured at each output of the device at the required resolution bandwidth. The maximum value (peak) of each spectrum is determined. These maximum values are then summed mathematically in linear power units across the outputs. These operations shall be performed separately over frequency spans that have different out-of-band or spurious emission limits,
		☐ Option 3: Measure and add 10 log(N) dB, where N is the number of transmit chains. Refer as FCC KDB 662911, In-band power spectral density (PSD). Performed at each transmit chains and each transmit chains shall be compared with the limit have been reduced with 10 log(N). Or each transmit chains shall be add 10 log(N) to compared with the limit.

3.4.4 Test Setup

Power Spectral Density


3.4.5 Test Result of Power Spectral Density

Refer as Appendix D

3.5 Emissions in Non-restricted Frequency Bands

3.5.1 Emissions in Non-restricted Frequency Bands Limit

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

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

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

3.5.2 Measuring Instruments

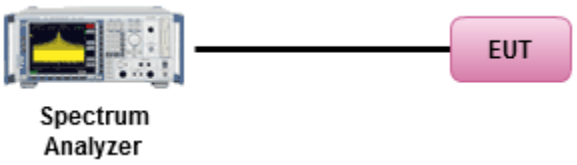
Refer a test equipment and calibration data table in this test report.

3.5.3 Test Procedures

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

3.5.4 Test Setup

Emissions in Non-restricted Frequency Bands



3.5.5 Test Result of Emissions in Non-restricted Frequency Bands

Refer as Appendix E

3.6 Emissions in Restricted Frequency Bands

3.6.1 Emissions in Restricted Frequency Bands Limit

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

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

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

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

3.6.2 Measuring Instruments

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

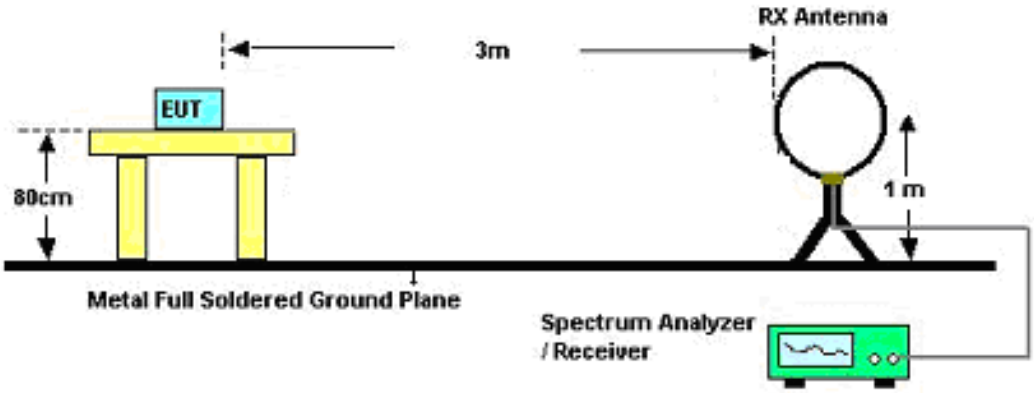
3.6.3 Test Procedures

Test Method		
▪ The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor].		
▪ Refer as ANSI C63.10, clause 6.10.3 band-edge testing shall be performed at the lowest frequency channel and highest frequency channel within the allowed operating band.		
▪ For the transmitter unwanted emissions shall be measured using following options below:		
	▪ Refer as FCC KDB 558074, clause 8.6 for unwanted emissions into restricted bands.	
		☐ Refer as FCC KDB 558074, clause 8.6 & C63.10 clause 11.12.2.5.1(trace averaging for duty cycle ≥98%).
		☐ Refer as FCC KDB 558074, clause 8.6 & C63.10 clause 11.12.2.5.2(trace averaging + duty factor).
		☒ Refer as FCC KDB 558074, clause 8.6 & C63.10 clause 11.12.2.5.3(Reduced VBW≥1/T).
		☐ Refer as ANSI C63.10, clause 11.12.2.5.3 (Reduced VBW). VBW ≥ 1/T, where T is pulse time.
		☐ Refer as ANSI C63.10, clause 7.5 average value of pulsed emissions.
		☒ Refer as FCC KDB 558074, clause 8.6 & C63.10 clause 11.12.2.4 measurement procedure peak limit.
▪ For the transmitter band-edge emissions shall be measured using following options below:		
	▪ Refer as FCC KDB 558074 clause 8.7 & C63.10 clause 11.13.1, When the performing peak or average radiated measurements, emissions within 2 MHz of the authorized band edge may be measured using the marker-delta method described below.	
	▪ Refer as FCC KDB 558074, clause 8.7 (ANSI C63.10, clause 6.10.6) for marker-delta method for band-edge measurements.	
	▪ Refer as FCC KDB 558074, clause 8.7 for narrower resolution bandwidth (100kHz) using the band power and summing the spectral levels (i.e., 1 MHz).	
	▪ For conducted unwanted emissions into restricted bands (absolute emission limits). Devices with multiple transmit chains using options given below: (1) Measure and sum the spectra across the outputs or (2) Measure and add 10 log(N) dB	
	▪ For FCC KDB 662911 The methodology described here may overestimate array gain, thereby resulting in apparent failures to satisfy the out-of-band limits even if the device is actually compliant. In such cases, compliance may be demonstrated by performing radiated tests around the frequencies at which the apparent failures occurred.	

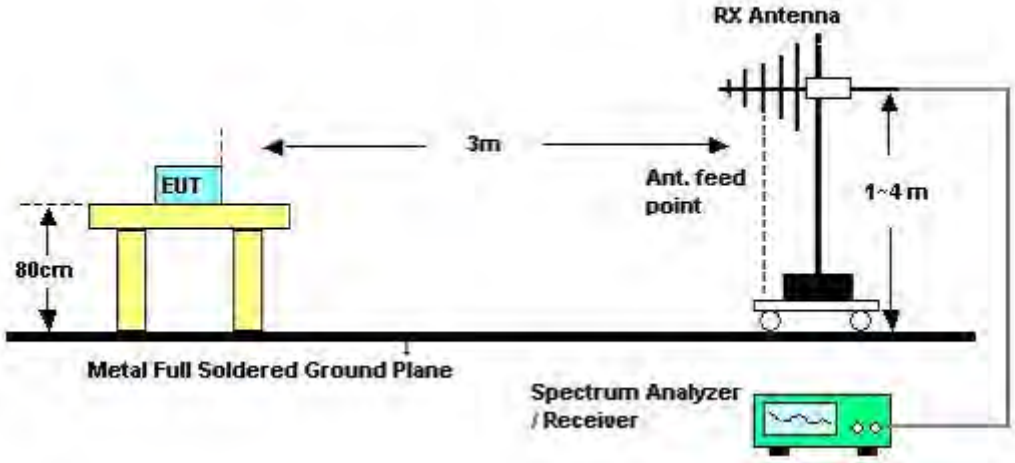
3.6.4 Test Setup

Radiated - Emissions in Restricted Frequency Bands

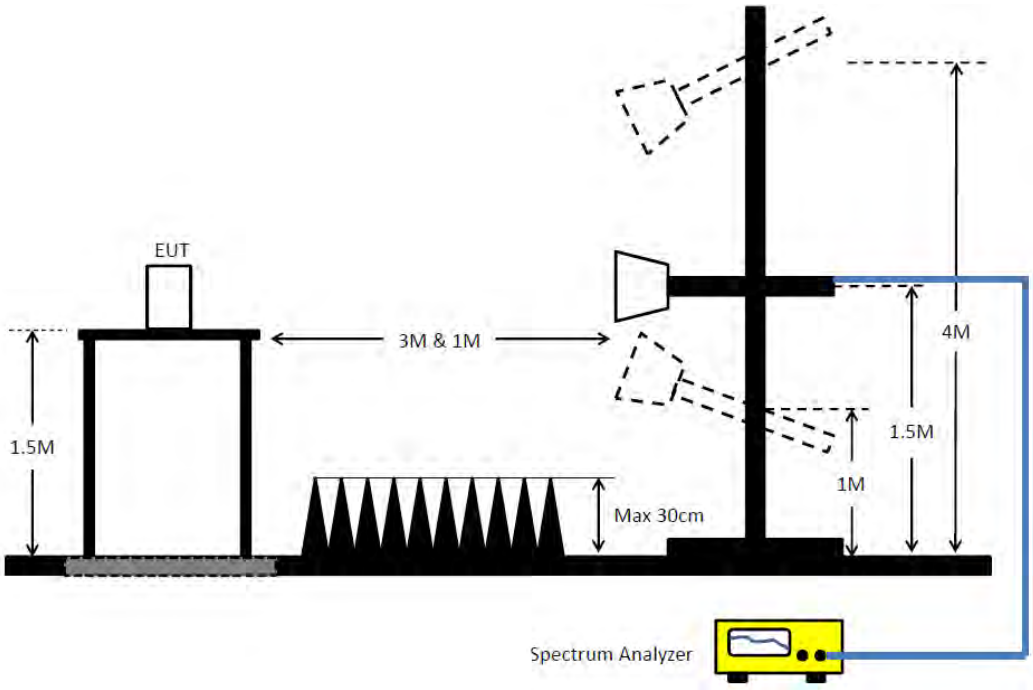
9kHz ~30MHz



30MHz~1GHz



Above 1GHz



3.6.5 Measurement Results Calculation

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

3.6.6 Emissions in Restricted Frequency Bands (Below 30MHz)

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

3.6.7 Test Result of Emissions in Restricted Frequency Bands

Refer as Appendix F

4 Test Equipment and Calibration Data

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
EMI Receiver	Agilent	N9038A	My52260123	9kHz ~ 8.4GHz	Mar. 01, 2024	Feb. 28, 2025	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50 -16-2	04083	150kHz ~ 100MHz	Feb. 19, 2024	Feb. 18, 2025	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	Apr. 27, 2023	Apr. 26, 2024	Conduction (CO01-CB)
Pulse Limiter	Rohde&Schwarz	ESH3-Z2	100430	9kHz ~ 30MHz	Feb. 08, 2024	Feb. 07, 2025	Conduction (CO01-CB)
COND Cable	Woken	Cable	Low cable-CO01	9kHz ~ 30MHz	Oct. 17, 2023	Oct. 16, 2024	Conduction (CO01-CB)
Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conduction (CO01-CB)
Loop Antenna	Teseq	HLA 6121	65417	9kHz - 30 MHz	Oct. 13, 2023	Oct. 12, 2024	Radiation (03CH04-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH04-CB	30 MHz ~ 1 GHz	Aug. 01, 2023	Jul. 31, 2024	Radiation (03CH04-CB)
BILOG ANTENNA with 6 dB attenuator	Schaffner & EMCI	CBL6112B & N-6-06	22021&AT-N 0607	30MHz ~ 1GHz	Oct. 07, 2023	Oct. 06, 2024	Radiation (03CH04-CB)
Pre-Amplifier	EMCI	EMC330N	980391	20MHz ~ 3GHz	May 23, 2023	May 22, 2024	Radiation (03CH04-CB)
Spectrum Analyzer	R&S	FSP40	100142	9kHz~40GHz	Mar. 21, 2023	Mar. 20, 2024	Radiation (03CH04-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	Jun. 13, 2023	Jun. 12, 2024	Radiation (03CH04-CB)
RF Cable-low	Woken	RG402	Low Cable-03+67	30MHz – 1GHz	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH04-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH04-CB)
Loop Antenna	Teseq	HLA 6121	65417	9kHz - 30 MHz	Oct. 13, 2023	Oct. 12, 2024	Radiation (03CH06-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH06-CB	30 MHz ~ 1 GHz	Aug. 03, 2023	Aug. 02, 2024	Radiation (03CH06-CB)
Bilog Antenna with 6 dB attenuator	TESEQ & EMCI	CBL6112D & N-6-06	37878 & AT-N0606	20MHz ~ 2GHz	Jul. 30, 2023	Jul. 29, 2024	Radiation (03CH06-CB)
Pre-Amplifier	Agilent	310N	187290	0.1MHz ~ 1GHz	Nov. 03, 2023	Nov. 02, 2024	Radiation (03CH06-CB)
Signal Analyzer	R&S	FSV40	101904	9kHz ~ 40GHz	Apr. 21, 2023	Apr. 20, 2024	Radiation (03CH01-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	Jun. 13, 2023	Jun. 12, 2024	Radiation (03CH06-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-low	Woken	RG402	Low Cable-24+68	30MHz~1GHz	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH06-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH06-CB)
Horn Antenna	EMCO	3115	00075790	750MHz ~ 18GHz	Nov. 10, 2016	Nov. 09, 2017	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. 25, 2016	Jul. 24, 2017	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. 18, 2016	Jan. 17, 2017	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8449B	3008A02310	1GHz ~ 26.5GHz	Jan. 16, 2017	Jan. 15, 2018	Radiation (03CH01-CB)
Spectrum Analyzer	R&S	FSP40	100304	9kHz ~ 40GHz	May 05, 2016	May 04, 2017	Radiation (03CH01-CB)
Spectrum Analyzer	R&S	FSP40	100056	9kHz ~ 40GHz	Nov. 22, 2016	Nov. 21, 2017	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. 24, 2016	Oct. 23, 2017	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. 24, 2016	Oct. 23, 2017	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. 24, 2016	Oct. 23, 2017	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. 24, 2016	Oct. 23, 2017	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)
Test Software	Audix	E3	6.2009-l0-7	N/A	N/A	N/A	Radiation (03CH01-CB)
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	Dec. 09, 2015	Dec. 08, 2016	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-6	1 GHz – 26.5 GHz	Oct. 24, 2016	Oct. 23, 2017	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-7	1 GHz – 26.5 GHz	Oct. 24, 2016	Oct. 23, 2017	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-8	1 GHz – 26.5 GHz	Oct. 24, 2016	Oct. 23, 2017	Conducted (TH01-CB)

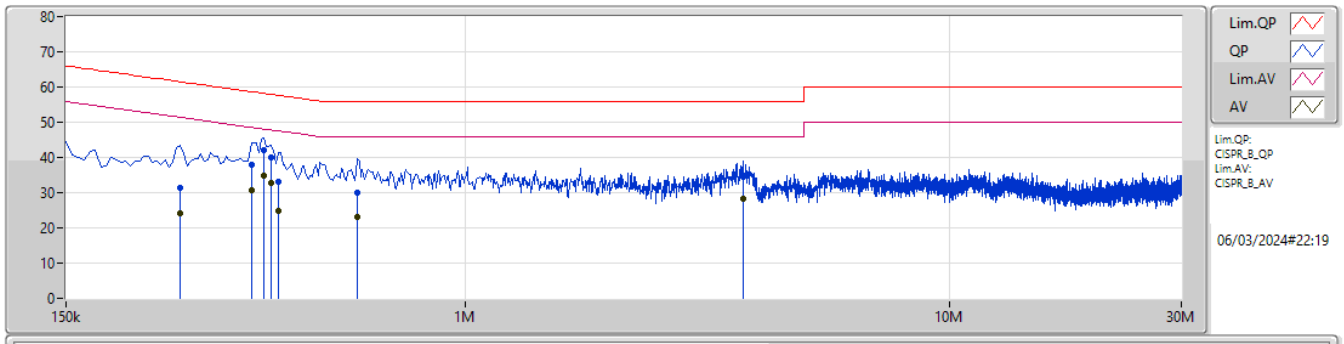
Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	High Cable-9	1 GHz – 26.5 GHz	Oct. 24, 2016	Oct. 23, 2017	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz – 26.5 GHz	Oct. 24, 2016	Oct. 23, 2017	Conducted (TH01-CB)
Power Sensor	Agilent	U2021XA	MY54320014	50MHz~18GHz	Apr. 20, 2016	Apr. 19, 2017	Conducted (TH01-CB)

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

Summary

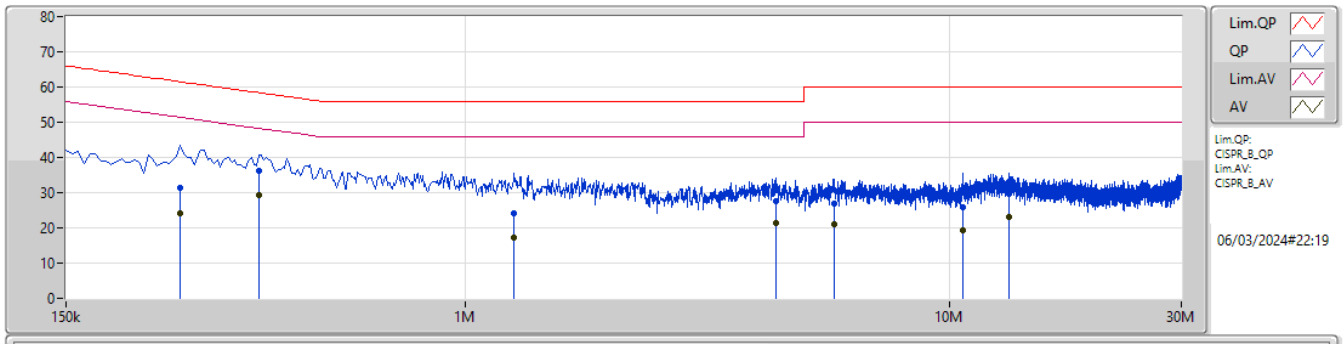
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 2	Pass	AV	384k	34.98	48.20	-13.22	Line

Mode 2



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	258k	31.25	61.49	-30.24	9.96	Line	-	21.29	0.08	0.02	9.86
AV	258k	24.29	51.49	-27.20	9.96	Line	-	14.33	0.08	0.02	9.86
QP	361.5k	37.86	58.70	-20.84	9.99	Line	-	27.87	0.09	0.02	9.88
AV	361.5k	30.66	48.70	-18.04	9.99	Line	-	20.67	0.09	0.02	9.88
QP	384k	42.08	58.20	-16.12	10.00	Line	-	32.08	0.09	0.02	9.89
AV	384k	34.98	48.20	-13.22	10.00	Line	"Worst"	24.98	0.09	0.02	9.89
QP	397.5k	39.89	57.91	-18.02	10.00	Line	-	29.89	0.09	0.02	9.89
AV	397.5k	32.76	47.91	-15.15	10.00	Line	-	22.76	0.09	0.02	9.89
QP	411k	33.00	57.63	-24.63	10.00	Line	-	23.00	0.09	0.02	9.89
AV	411k	24.82	47.63	-22.81	10.00	Line	-	14.82	0.09	0.02	9.89
QP	600k	29.98	56.00	-26.02	10.02	Line	-	19.96	0.10	0.02	9.90
AV	600k	23.22	46.00	-22.78	10.02	Line	-	13.20	0.10	0.02	9.90
QP	3.737M	34.59	56.00	-21.41	10.20	Line	-	24.39	0.17	0.13	9.90
AV	3.737M	28.40	46.00	-17.60	10.20	Line	-	18.20	0.17	0.13	9.90

Mode 2



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	258k	31.28	61.49	-30.21	9.95	Neutral	-	21.33	0.07	0.02	9.86
AV	258k	24.01	51.49	-27.48	9.95	Neutral	-	14.06	0.07	0.02	9.86
QP	375k	36.15	58.39	-22.24	9.98	Neutral	-	26.17	0.07	0.02	9.89
AV	375k	29.38	48.39	-19.01	9.98	Neutral	"Worst"	19.40	0.07	0.02	9.89
QP	1.262M	24.03	56.00	-31.97	10.02	Neutral	-	14.01	0.09	0.03	9.90
AV	1.262M	17.25	46.00	-28.75	10.02	Neutral	-	7.23	0.09	0.03	9.90
QP	4.376M	27.46	56.00	-28.54	10.18	Neutral	-	17.28	0.14	0.14	9.90
AV	4.376M	21.49	46.00	-24.51	10.18	Neutral	-	11.31	0.14	0.14	9.90
QP	5.753M	26.93	60.00	-33.07	10.21	Neutral	-	16.72	0.17	0.14	9.90
AV	5.753M	20.92	50.00	-29.08	10.21	Neutral	-	10.71	0.17	0.14	9.90
QP	10.608M	26.01	60.00	-33.99	10.30	Neutral	-	15.71	0.23	0.15	9.92
AV	10.608M	19.28	50.00	-30.72	10.30	Neutral	-	8.98	0.23	0.15	9.92
QP	13.2M	29.56	60.00	-30.44	10.36	Neutral	-	19.20	0.25	0.17	9.94
AV	13.2M	23.04	50.00	-26.96	10.36	Neutral	-	12.68	0.25	0.17	9.94

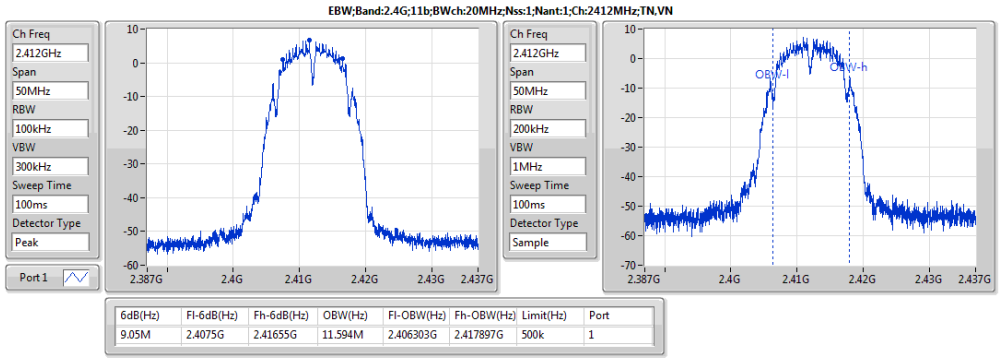
Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4G;11b;Nss1;Ntx1	9.05M	11.719M	11M7G1D	9M	11.394M
2.4G;11g;Nss1;Ntx1	16.325M	16.842M	16M8D1D	16.3M	16.667M
2.4G;HT20;Nss1,(M0);Ntx2	17.575M	17.816M	17M8D1D	17.525M	17.766M
2.4G;HT40;Nss1,(M0);Ntx2	36.3M	36.282M	36M3D1D	35.9M	36.232M

Result

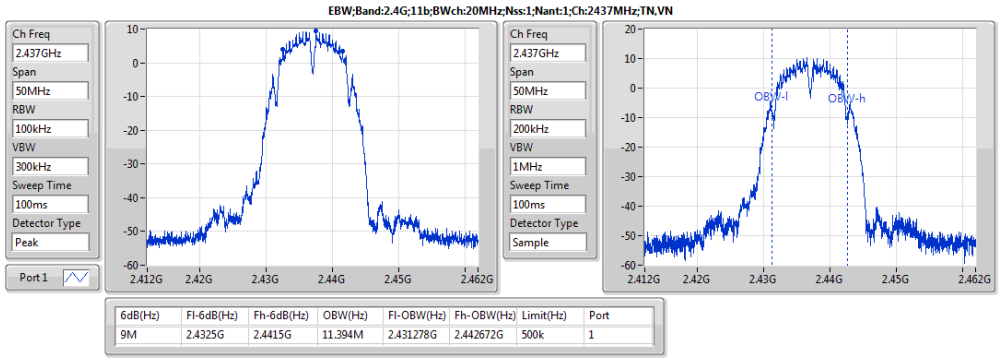
Mode	Result	Limit (Hz)	P1-N dB (Hz)	P1-OBW (Hz)	P2-N dB (Hz)	P2-OBW (Hz)
2.4G;11b;Nss1;Ntx1;2412	Pass	500k	9.05M	11.594M	-	-
2.4G;11b;Nss1;Ntx1;2437	Pass	500k	9M	11.394M	-	-
2.4G;11b;Nss1;Ntx1;2462	Pass	500k	9.05M	11.719M	-	-
2.4G;11g;Nss1;Ntx1;2412	Pass	500k	16.3M	16.667M	-	-
2.4G;11g;Nss1;Ntx1;2437	Pass	500k	16.3M	16.842M	-	-
2.4G;11g;Nss1;Ntx1;2462	Pass	500k	16.325M	16.667M	-	-
2.4G;HT20;Nss1,(M0);Ntx2;2412	Pass	500k	17.575M	17.816M	17.55M	17.766M
2.4G;HT20;Nss1,(M0);Ntx2;2437	Pass	500k	17.525M	17.791M	17.575M	17.816M
2.4G;HT20;Nss1,(M0);Ntx2;2462	Pass	500k	17.575M	17.816M	17.575M	17.816M
2.4G;HT40;Nss1,(M0);Ntx2;2422	Pass	500k	35.95M	36.232M	35.9M	36.282M
2.4G;HT40;Nss1,(M0);Ntx2;2437	Pass	500k	36.05M	36.282M	36.3M	36.282M
2.4G;HT40;Nss1,(M0);Ntx2;2452	Pass	500k	36.3M	36.232M	36.3M	36.282M

EBW;Band:2.4G;11b;BWch:20MHz;Nss:1;Nant:1;Ch:2412MHz;TN,VN



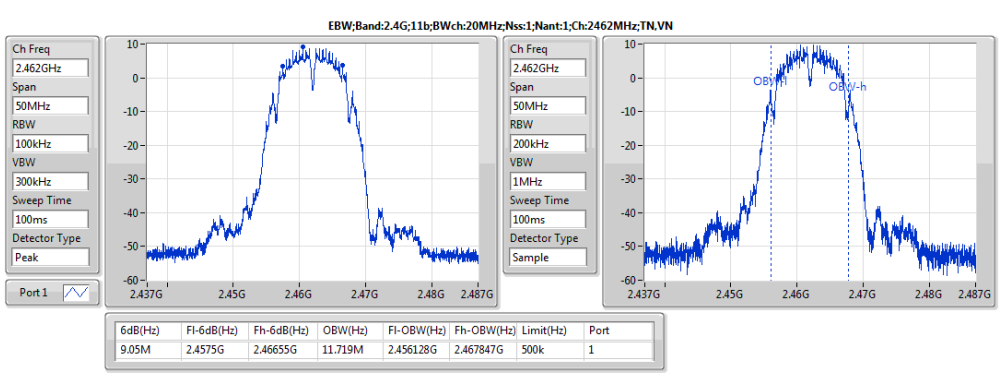
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
9.05M	2.4075G	2.41655G	11.594M	2.406303G	2.417897G	500k	1

EBW;Band:2.4G;11b;BWch:20MHz;Nss:1;Nant:1;Ch:2437MHz;TN,VN



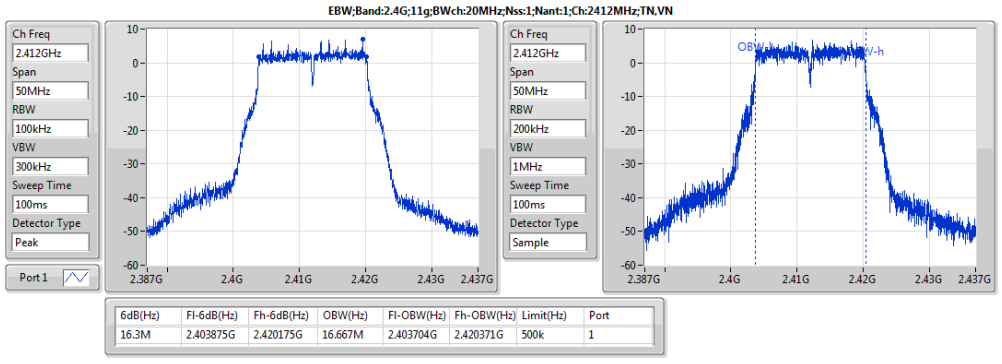
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
9M	2.4325G	2.4415G	11.394M	2.431278G	2.442672G	500k	1

EBW;Band:2.4G;11b;BWch:20MHz;Nss:1;Nant:1;Ch:2462MHz;TN,VN



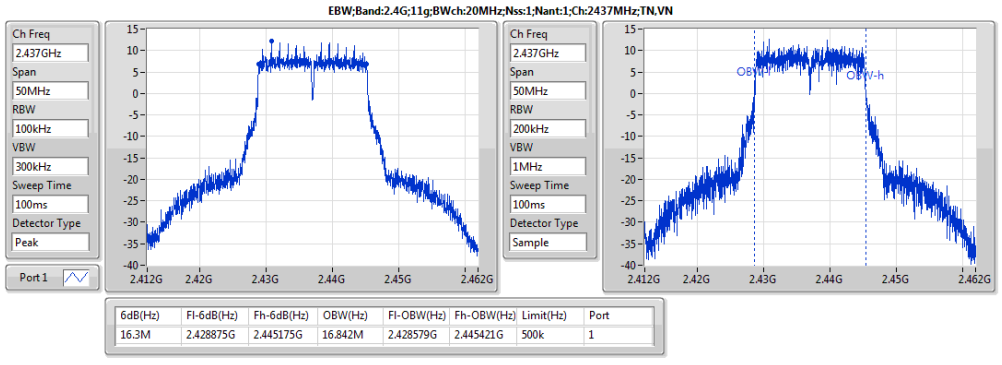
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
9.05M	2.4575G	2.46655G	11.719M	2.456128G	2.467847G	500k	1

EBW;Band:2.4G;11g;BWch:20MHz;Nss:1;Nant:1;Ch:2412MHz;TN,VN



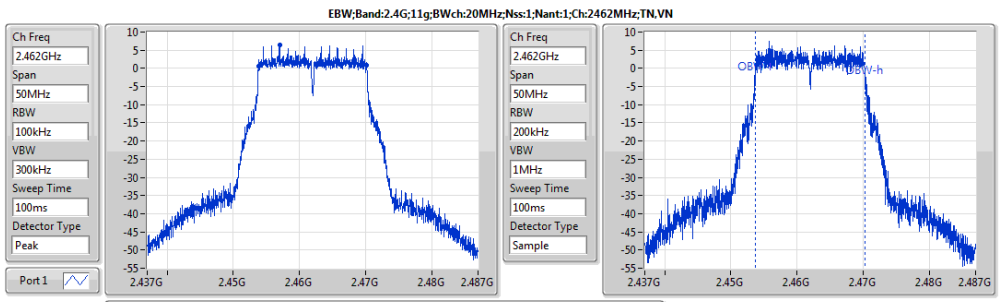
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.3M	2.403875G	2.420175G	16.667M	2.403704G	2.420371G	500k	1

EBW;Band:2.4G;11g;BWch:20MHz;Nss:1;Nant:1;Ch:2437MHz;TN,VN



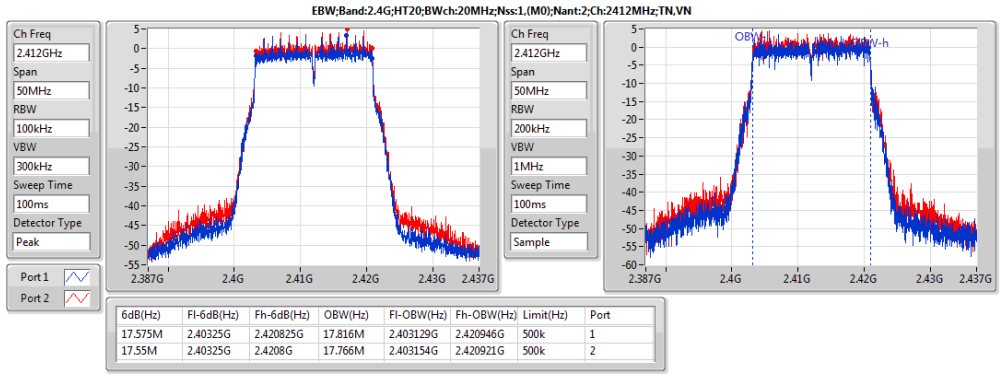
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.3M	2.428875G	2.445175G	16.842M	2.428579G	2.445421G	500k	1

EBW;Band:2.4G;11g;BWch:20MHz;Nss:1;Nant:1;Ch:2462MHz;TN,VN



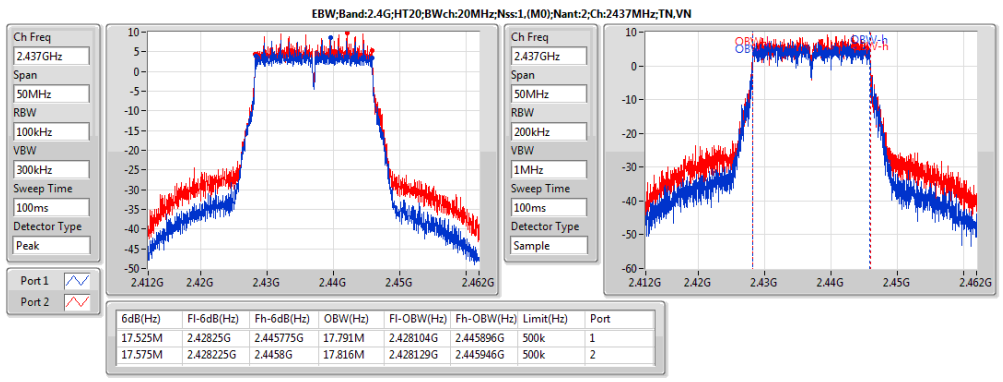
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.325M	2.45385G	2.470175G	16.667M	2.453679G	2.470346G	500k	1

EBW;Band:2.4G;HT20;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:2412MHz;TN,VN



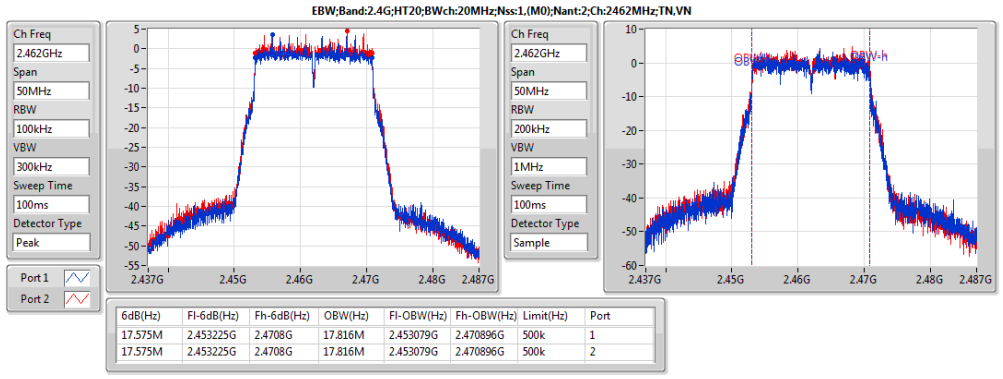
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.575M	2.40325G	2.420825G	17.816M	2.403129G	2.420946G	500k	1
17.55M	2.40325G	2.4208G	17.766M	2.403154G	2.420921G	500k	2

EBW;Band:2.4G;HT20;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:2437MHz;TN,VN



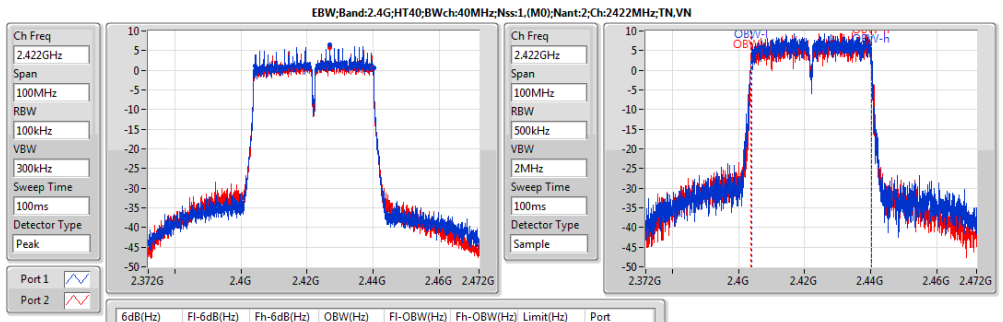
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.525M	2.42825G	2.445775G	17.791M	2.428104G	2.445896G	500k	1
17.575M	2.428225G	2.4458G	17.816M	2.428129G	2.445946G	500k	2

EBW;Band:2.4G;HT20;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:2462MHz;TN,VN



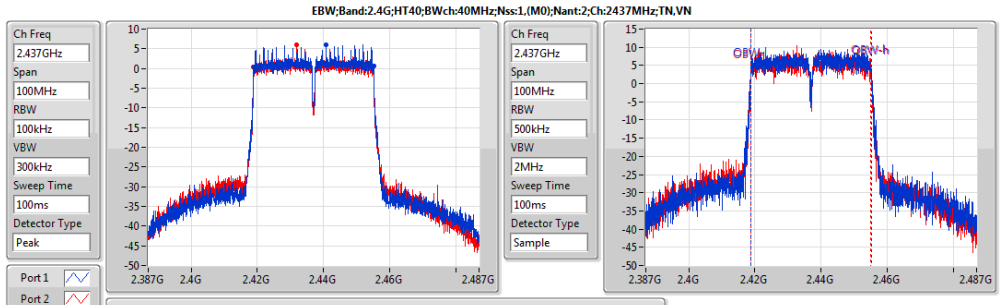
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.575M	2.453225G	2.4708G	17.816M	2.453079G	2.470896G	500k	1
17.575M	2.453225G	2.4708G	17.816M	2.453079G	2.470896G	500k	2

EBW;Band:2.4G;HT40;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:2422MHz;TN,VN



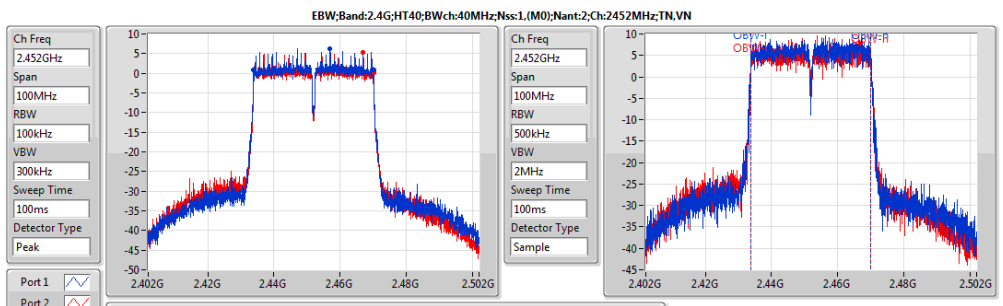
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.95M	2.4042G	2.44015G	36.232M	2.403909G	2.440141G	500k	1
35.9M	2.4042G	2.4401G	36.282M	2.403859G	2.440141G	500k	2

EBW;Band:2.4G;HT40;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:2437MHz;TN,VN



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.05M	2.4191G	2.45515G	36.282M	2.418859G	2.455141G	500k	1
36.3M	2.41885G	2.45515G	36.282M	2.418809G	2.455091G	500k	2

EBW;Band:2.4G;HT40;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:2452MHz;TN,VN



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.3M	2.43385G	2.47015G	36.232M	2.433859G	2.470091G	500k	1
36.3M	2.43385G	2.47015G	36.282M	2.433809G	2.470091G	500k	2

Summary

Mode	Sum (dBm)	Sum (W)
2.4G;11b;Nss1;Ntx1	18.37	0.06871
2.4G;11g;Nss1;Ntx1	23.25	0.21135
2.4G;HT20;Nss1,(M0);Ntx2	25.55	0.35892
2.4G;HT40;Nss1,(M0);Ntx2	22.02	0.15922

Result

Mode	Result	DG (dBi)	Sum (dBm)	Sum Lim. (dBm)	P1 (dBm)	P2 (dBm)
2.4G;11b;Nss1;Ntx1;2412	Pass	1.15	18.15	30.00	18.15	-
2.4G;11b;Nss1;Ntx1;2437	Pass	1.15	18.37	30.00	18.37	-
2.4G;11b;Nss1;Ntx1;2462	Pass	1.15	17.59	30.00	17.59	-
2.4G;11g;Nss1;Ntx1;2412	Pass	1.15	19.86	30.00	19.86	-
2.4G;11g;Nss1;Ntx1;2437	Pass	1.15	23.25	30.00	23.25	-
2.4G;11g;Nss1;Ntx1;2462	Pass	1.15	19.73	30.00	19.73	-
2.4G;HT20;Nss1,(M0);Ntx2;2412	Pass	1.15	21.58	30.00	18.69	18.45
2.4G;HT20;Nss1,(M0);Ntx2;2437	Pass	1.15	25.55	30.00	22.65	22.42
2.4G;HT20;Nss1,(M0);Ntx2;2462	Pass	1.15	20.48	30.00	17.63	17.31
2.4G;HT40;Nss1,(M0);Ntx2;2422	Pass	1.15	18.37	30.00	15.56	15.15
2.4G;HT40;Nss1,(M0);Ntx2;2437	Pass	1.15	22.02	30.00	19.13	18.89
2.4G;HT40;Nss1,(M0);Ntx2;2452	Pass	1.15	18.24	30.00	15.43	15.02

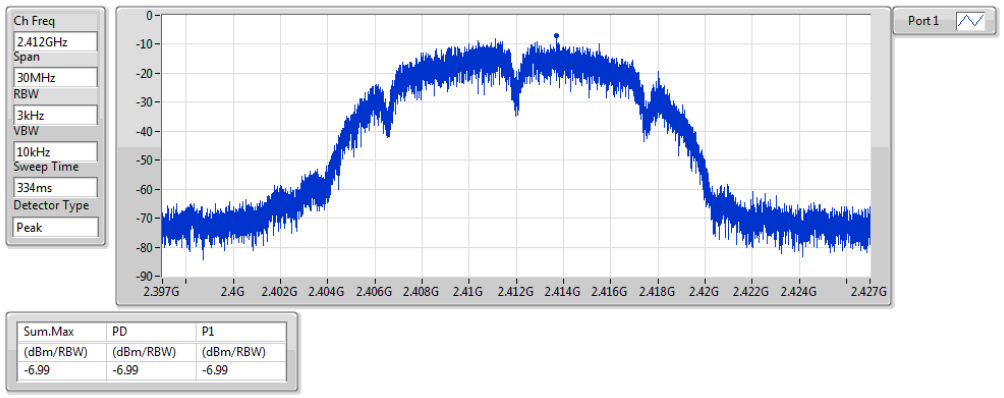
Summary

Mode	PD (dBm/RBW)
2.4G;11b;Nss1;Ntx1	-4.39
2.4G;11g;Nss1;Ntx1	-2.44
2.4G;HT20;Nss1,(M0);Ntx2	-4.90
2.4G;HT40;Nss1,(M0);Ntx2	-6.01

Result

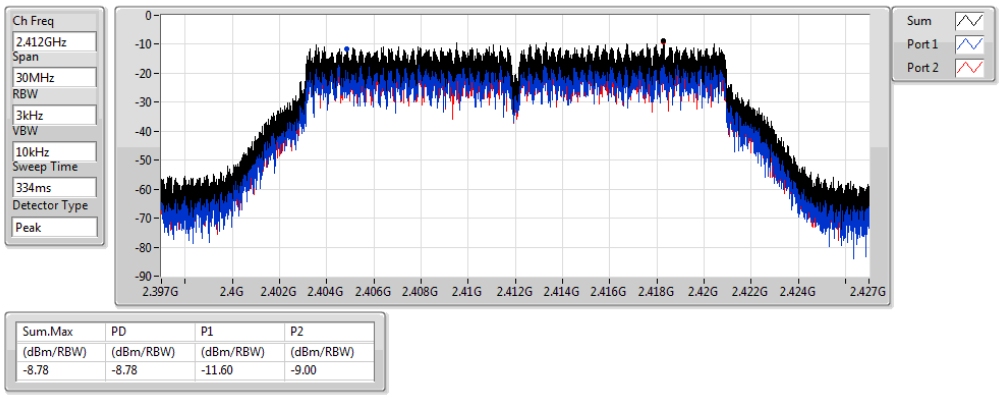
Mode	Result	Meas.RBW (Hz)	Lim.RBW (Hz)	BWCF (dB)	DG (dBi)	PD (dBm/RBW)	PD.Limit (dBm/RBW)	P1 (dBm/RBW)	P2 (dBm/RBW)
2.4G;11b;Nss1;Ntx1;2412	Pass	3k	3k	0.00	1.15	-6.99	8.00	-6.99	-
2.4G;11b;Nss1;Ntx1;2437	Pass	3k	3k	0.00	1.15	-5.12	8.00	-5.12	-
2.4G;11b;Nss1;Ntx1;2462	Pass	3k	3k	0.00	1.15	-4.39	8.00	-4.39	-
2.4G;11g;Nss1;Ntx1;2412	Pass	3k	3k	0.00	1.15	-7.57	8.00	-7.57	-
2.4G;11g;Nss1;Ntx1;2437	Pass	3k	3k	0.00	1.15	-2.44	8.00	-2.44	-
2.4G;11g;Nss1;Ntx1;2462	Pass	3k	3k	0.00	1.15	-7.65	8.00	-7.65	-
2.4G;HT20;Nss1,(M0);Ntx2;2412	Pass	3k	3k	0.00	4.16	-8.78	6.39	-11.60	-9.00
2.4G;HT20;Nss1,(M0);Ntx2;2437	Pass	3k	3k	0.00	4.16	-4.90	6.39	-5.93	-5.58
2.4G;HT20;Nss1,(M0);Ntx2;2462	Pass	3k	3k	0.00	4.16	-9.69	6.39	-11.13	-10.44
2.4G;HT40;Nss1,(M0);Ntx2;2422	Pass	3k	3k	0.00	4.16	-6.96	6.39	-8.90	-8.27
2.4G;HT40;Nss1,(M0);Ntx2;2437	Pass	3k	3k	0.00	4.16	-6.01	6.39	-6.66	-9.45
2.4G;HT40;Nss1,(M0);Ntx2;2452	Pass	3k	3k	0.00	4.16	-7.20	6.39	-9.03	-9.94

PSD;Band:2.4G;11b;BWch:20MHz;Nss:1;Nant:1;Ch:2412MHz;TN,VN



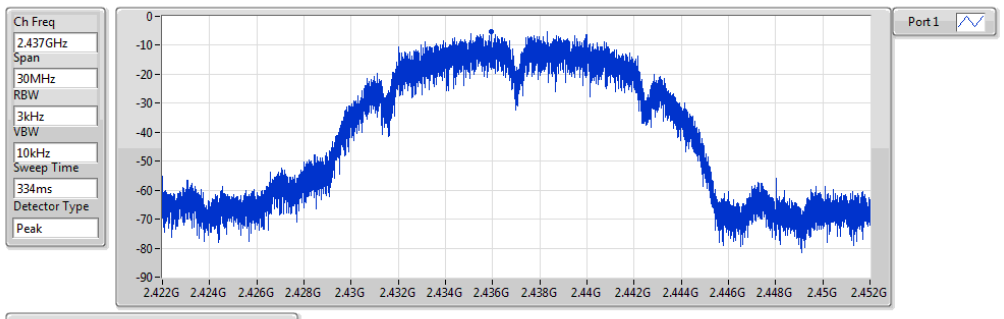
Sum.Max	PD	P1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.99	-6.99	-6.99

PSD;Band:2.4G;HT20;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:2412MHz;TN,VN



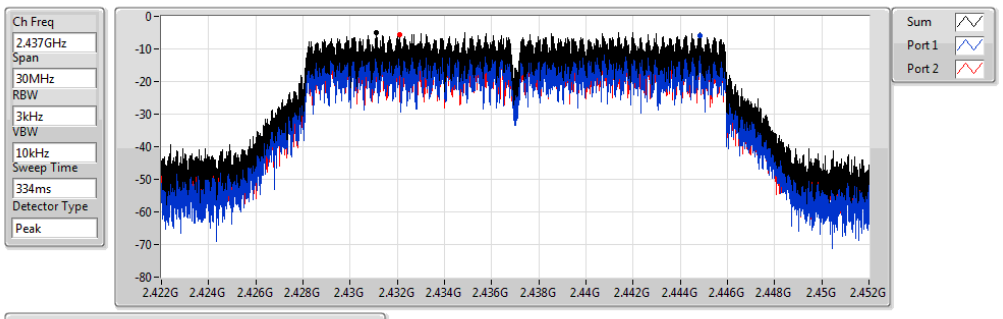
Sum.Max	PD	P1	P2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.78	-8.78	-11.60	-9.00

PSD;Band:2.4G;11b;BWch:20MHz;Nss:1;Nant:1;Ch:2437MHz;TN,VN



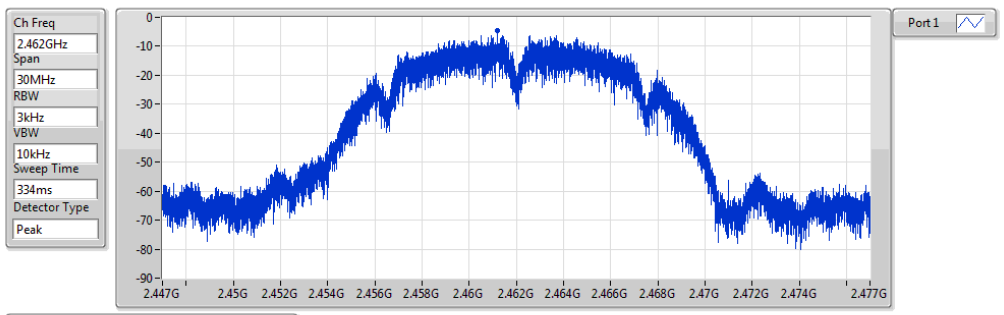
Sum.Max	PD	P1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.12	-5.12	-5.12

PSD;Band:2.4G;HT20;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:2437MHz;TN,VN



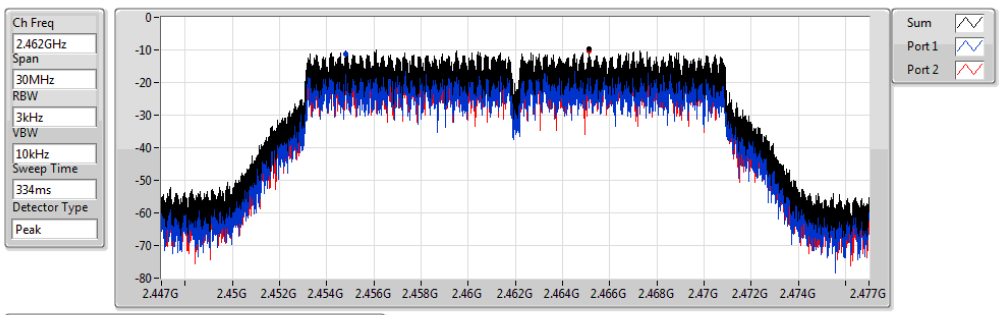
Sum.Max	PD	P1	P2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.90	-4.90	-5.93	-5.58

PSD;Band:2.4G;11b;BWch:20MHz;Nss:1;Nant:1;Ch:2462MHz;TN,VN



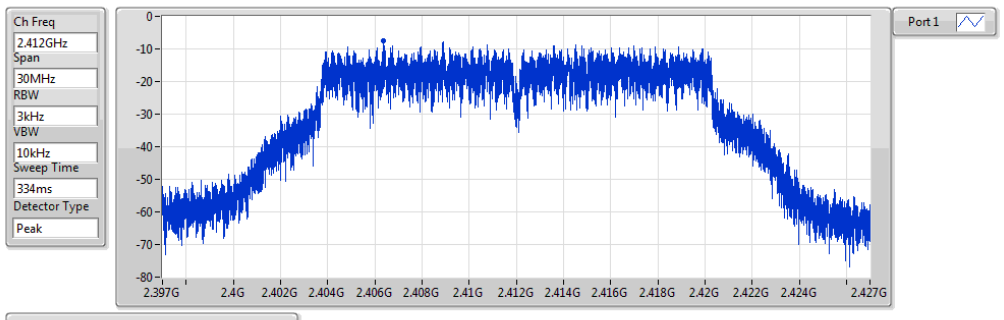
Sum.Max	PD	P1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.39	-4.39	-4.39

PSD;Band:2.4G;HT20;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:2462MHz;TN,VN



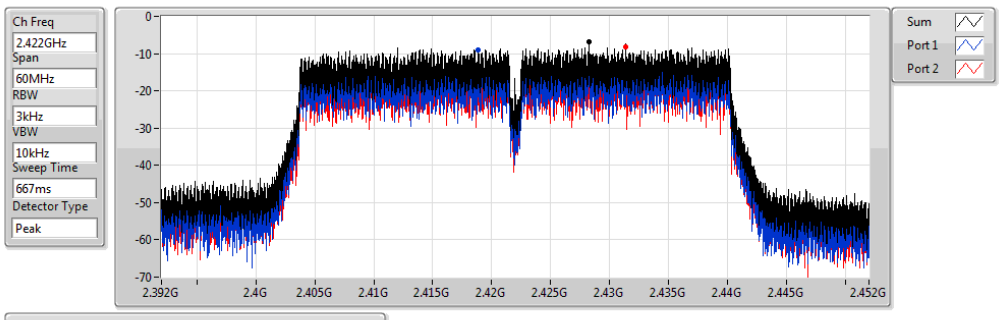
Sum.Max	PD	P1	P2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.69	-9.69	-11.13	-10.44

PSD;Band:2.4G;11g;BWch:20MHz;Nss:1;Nant:1;Ch:2412MHz;TN,VN



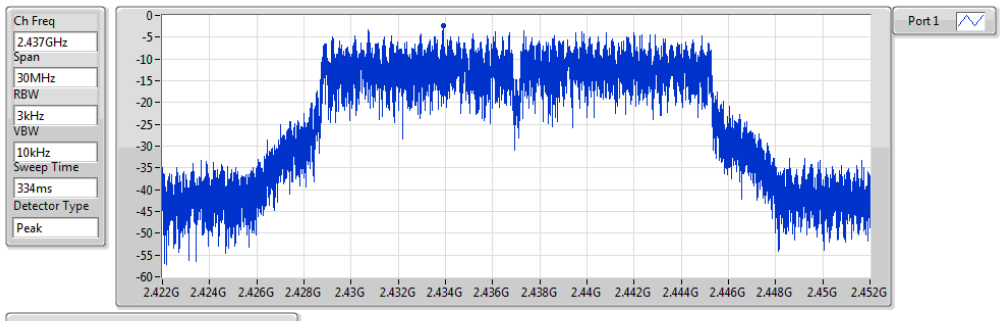
Sum.Max	PD	P1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.57	-7.57	-7.57

PSD;Band:2.4G;HT40;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:2422MHz;TN,VN



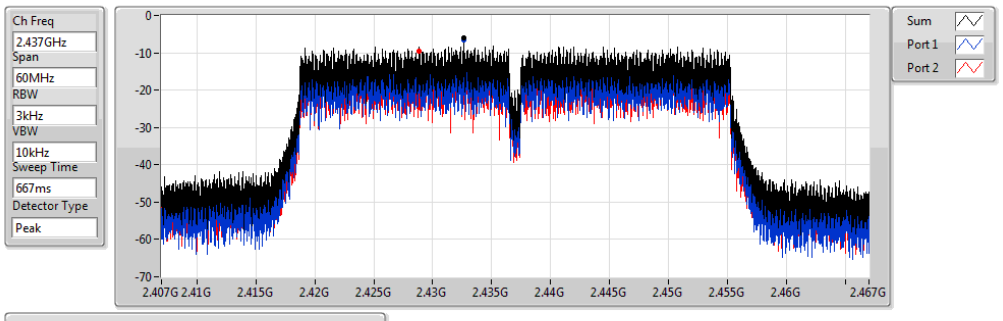
Sum.Max	PD	P1	P2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.96	-6.96	-8.90	-8.27

PSD;Band:2.4G;11g;BWch:20MHz;Nss:1;Nant:1;Ch:2437MHz;TN,VN



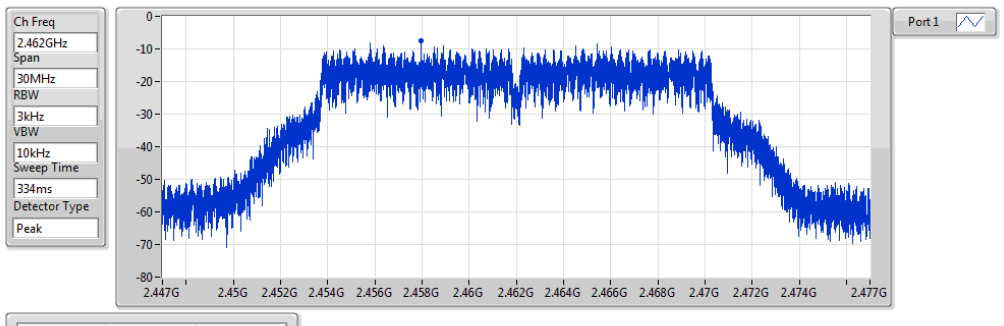
Sum.Max	PD	P1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.44	-2.44	-2.44

PSD;Band:2.4G;HT40;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:2437MHz;TN,VN



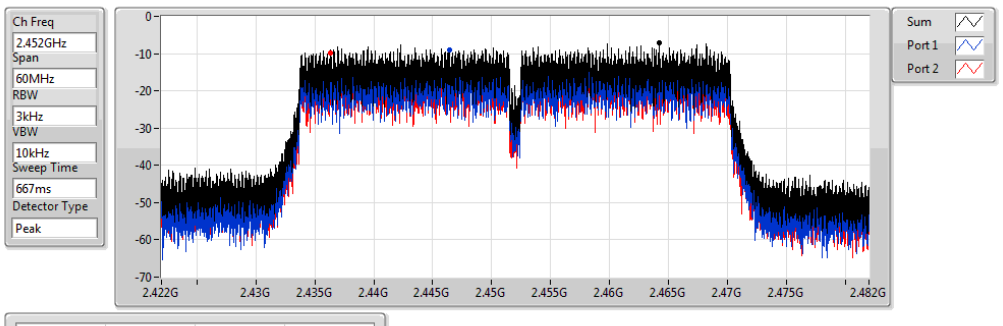
Sum.Max	PD	P1	P2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.01	-6.01	-6.66	-9.45

PSD;Band:2.4G;11g;BWch:20MHz;Nss:1;Nant:1;Ch:2462MHz;TN,VN



Sum.Max	PD	P1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.65	-7.65	-7.65

PSD;Band:2.4G;HT40;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:2452MHz;TN,VN



Sum.Max	PD	P1	P2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.20	-7.20	-9.03	-9.94

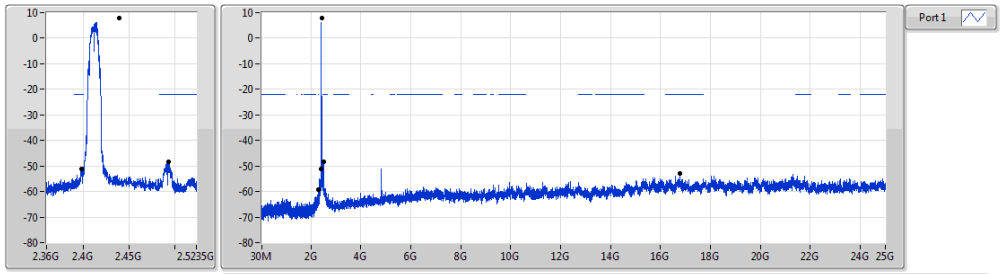
Summary

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
2.4G;HT40;Nss1,(M0);Ntx2;2422	Pass	2.434402G	6.11	-23.89	2.305115G	-59.39	2.3928G	-27.10	2.49822G	-45.96	2.597155G	-51.00	2

Result

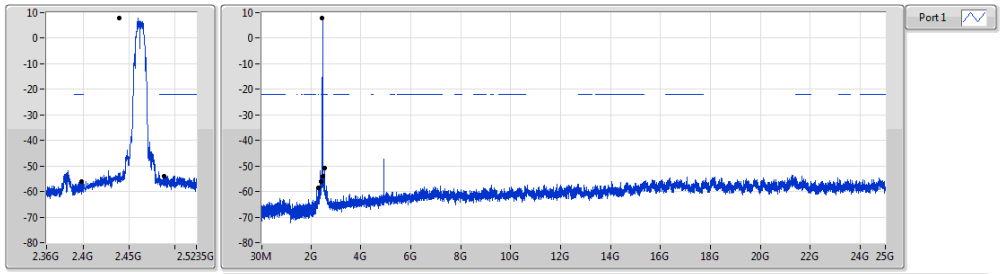
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4G;11b;Nss1;Ntx1;2412	Pass	2.439078G	7.99	-22.01	2.30408G	-59.20	2.39808G	-51.18	2.49302G	-48.26	16.767982G	-52.83	1
2.4G;11b;Nss1;Ntx1;2437	Pass	2.439078G	7.99	-22.01	2.195735G	-60.48	2.39728G	-53.91	2.51454G	-47.61	16.284737G	-53.19	1
2.4G;11b;Nss1;Ntx1;2462	Pass	2.439078G	7.99	-22.01	2.302915G	-58.38	2.39832G	-55.94	2.4879G	-53.84	2.540357G	-50.72	1
2.4G;11g;Nss1;Ntx1;2412	Pass	2.432064G	12.61	-17.39	2.300585G	-58.62	2.39952G	-32.36	2.48574G	-48.53	21.434665G	-52.70	1
2.4G;11g;Nss1;Ntx1;2437	Pass	2.432064G	12.61	-17.39	2.307575G	-56.12	2.39888G	-42.39	2.51078G	-44.64	2.5235G	-50.39	1
2.4G;11g;Nss1;Ntx1;2462	Pass	2.432064G	12.61	-17.39	2.307575G	-59.85	2.39816G	-54.43	2.48422G	-43.40	2.540357G	-50.94	1
2.4G;HT20;Nss1,(M0);Ntx2;2412	Pass	2.432064G	9.38	-20.62	2.30408G	-60.02	2.39992G	-40.59	2.49574G	-50.38	16.377453G	-51.83	1
2.4G;HT20;Nss1,(M0);Ntx2;2412	Pass	2.432064G	9.38	-20.62	2.300585G	-59.64	2.3992G	-37.65	2.4995G	-46.99	2.565643G	-49.17	2
2.4G;HT20;Nss1,(M0);Ntx2;2437	Pass	2.432064G	9.38	-20.62	2.1969G	-60.16	2.39856G	-50.16	2.51806G	-48.79	2.5235G	-52.86	1
2.4G;HT20;Nss1,(M0);Ntx2;2437	Pass	2.432064G	9.38	-20.62	2.309905G	-59.05	2.39856G	-48.45	2.52206G	-41.75	2.58812G	-46.22	2
2.4G;HT20;Nss1,(M0);Ntx2;2462	Pass	2.432064G	9.38	-20.62	2.307575G	-59.68	2.39056G	-56.01	2.48414G	-46.65	21.639763G	-53.92	1
2.4G;HT20;Nss1,(M0);Ntx2;2462	Pass	2.432064G	9.38	-20.62	2.309905G	-51.05	2.39008G	-50.91	2.48358G	-47.78	2.531929G	-50.83	2
2.4G;HT40;Nss1,(M0);Ntx2;2422	Pass	2.434402G	6.11	-23.89	2.307405G	-58.21	2.39824G	-28.75	2.48574G	-41.73	17.626805G	-52.32	1
2.4G;HT40;Nss1,(M0);Ntx2;2422	Pass	2.434402G	6.11	-23.89	2.305115G	-59.39	2.3928G	-27.10	2.49822G	-45.96	2.597155G	-51.00	2
2.4G;HT40;Nss1,(M0);Ntx2;2437	Pass	2.434402G	6.11	-23.89	2.30855G	-59.30	2.39952G	-29.68	2.48414G	-36.30	16.580703G	-53.46	1
2.4G;HT40;Nss1,(M0);Ntx2;2437	Pass	2.434402G	6.11	-23.89	2.30397G	-59.56	2.39952G	-30.87	2.4843G	-40.63	17.632414G	-53.07	2
2.4G;HT40;Nss1,(M0);Ntx2;2452	Pass	2.434402G	6.11	-23.89	2.309695G	-57.60	2.39936G	-41.43	2.48942G	-30.61	16.931274G	-54.12	1
2.4G;HT40;Nss1,(M0);Ntx2;2452	Pass	2.434402G	6.11	-23.89	2.30855G	-47.73	2.39984G	-44.00	2.4843G	-30.35	2.602764G	-51.89	2

CSE in non-restricted band;PK;Band:2.4G;11b;BWch:20MHz;Nss:1;Nant:1;Ch:2412MHz;TN.VN



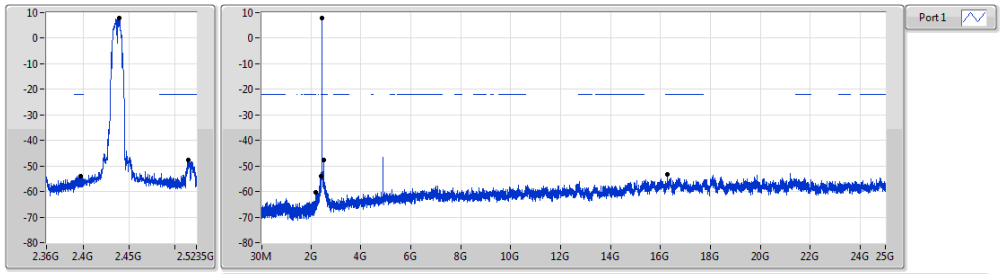
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.439078G	7.99	-22.01	2.30408G	-59.20	2.39808G	-51.18	2.49302G	-48.26	16.767982G	-52.83	1

CSE in non-restricted band;PK;Band:2.4G;11b;BWch:20MHz;Nss:1;Nant:1;Ch:2462MHz;TN.VN



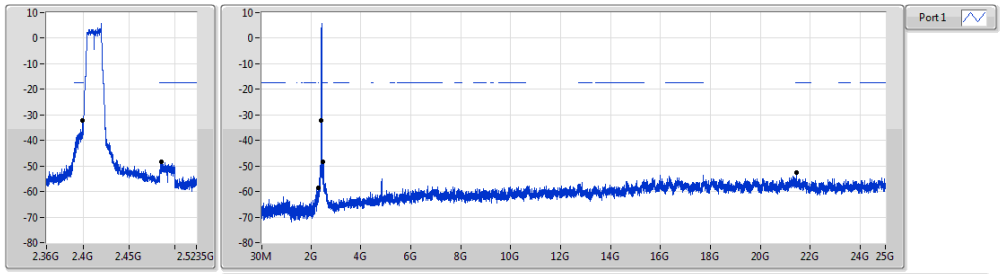
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.439078G	7.99	-22.01	2.302915G	-58.38	2.39832G	-55.94	2.4879G	-53.84	2.540357G	-50.72	1

CSE in non-restricted band;PK;Band:2.4G;11b;BWch:20MHz;Nss:1;Nant:1;Ch:2437MHz;TN.VN



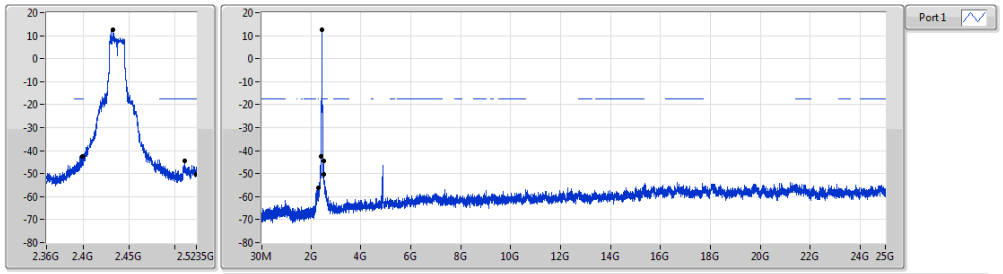
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.439078G	7.99	-22.01	2.195735G	-60.48	2.39728G	-53.91	2.51454G	-47.61	16.284737G	-53.19	1

CSE in non-restricted band;PK;Band:2.4G;11g;BWch:20MHz;Nss:1;Nant:1;Ch:2412MHz;TN.VN



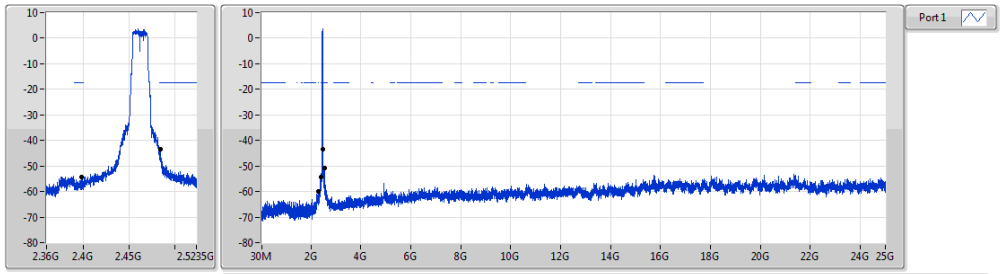
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.432064G	12.61	-17.39	2.300585G	-58.62	2.39952G	-32.36	2.48574G	-48.53	21.434665G	-52.70	1

CSE in non-restricted band;PK;Band:2.4G;11g;BWch:20MHz;Nss:1;Nant:1;Ch:2437MHz;TN,VN



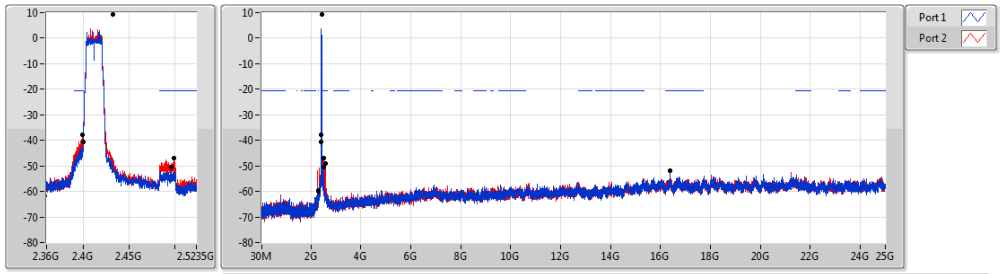
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.432064G	12.61	-17.39	2.307575G	-56.12	2.39888G	-42.39	2.51078G	-44.64	2.5235G	-50.39	1

CSE in non-restricted band;PK;Band:2.4G;11g;BWch:20MHz;Nss:1;Nant:1;Ch:2462MHz;TN,VN



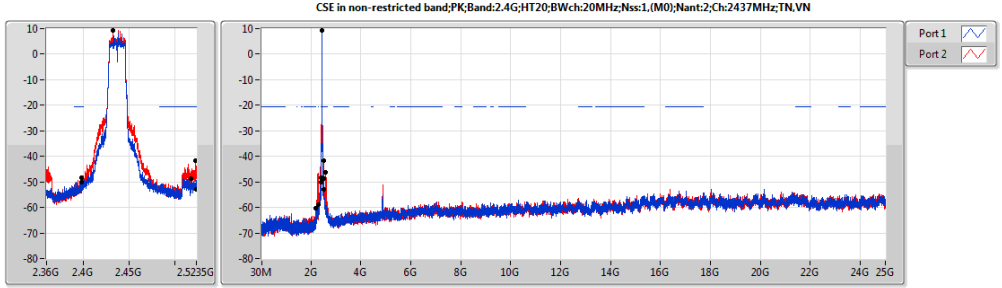
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.432064G	12.61	-17.39	2.307575G	-59.85	2.39816G	-54.43	2.48422G	-43.40	2.540357G	-50.94	1

CSE in non-restricted band;PK;Band:2.4G;HT20;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:2412MHz;TN,VN



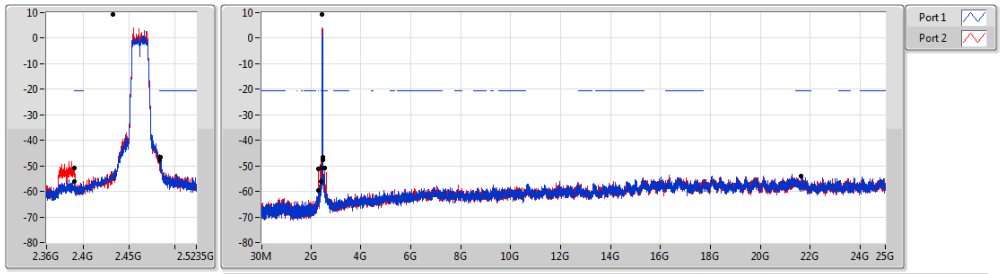
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.432064G	9.38	-20.62	2.30408G	-60.02	2.39992G	-40.59	2.49574G	-50.38	16.377453G	-51.83	1
2.432064G	9.38	-20.62	2.300585G	-59.64	2.3992G	-37.65	2.4995G	-46.99	2.565643G	-49.17	2

CSE in non-restricted band;PK;Band:2.4G;HT20;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:2437MHz;TN,VN



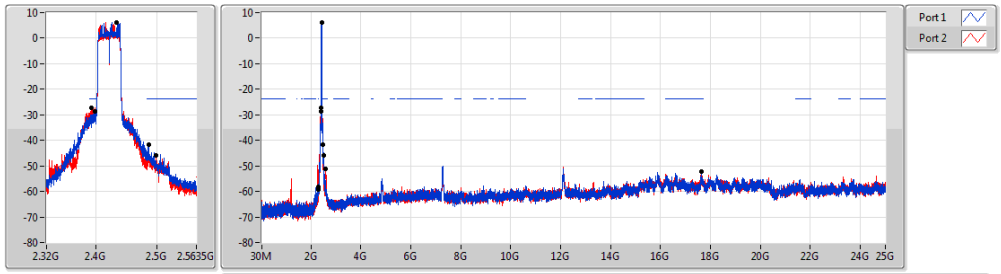
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.432064G	9.38	-20.62	2.1969G	-60.16	2.39856G	-50.16	2.51806G	-48.79	2.5235G	-52.86	1
2.432064G	9.38	-20.62	2.309905G	-59.05	2.39856G	-48.45	2.52206G	-41.75	2.58812G	-46.22	2

CSE in non-restricted band;PK;Band:2.4G;HT20;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:2462MHz;TN.VN



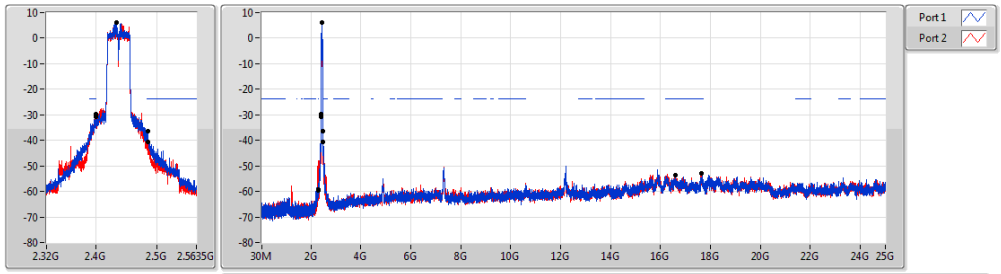
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.432064G	9.38	-20.62	2.307575G	-59.68	2.39056G	-56.01	2.48414G	-46.65	21.639763G	-53.92	1
2.432064G	9.38	-20.62	2.309905G	-51.05	2.39008G	-50.91	2.48358G	-47.78	2.531929G	-50.83	2

CSE in non-restricted band;PK;Band:2.4G;HT40;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:2422MHz;TN.VN



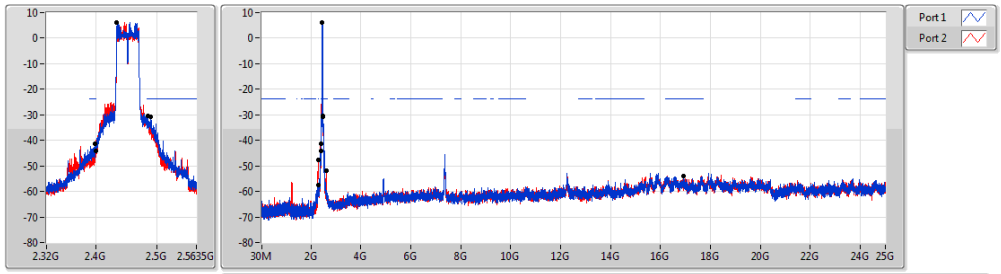
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.434402G	6.11	-23.89	2.307405G	-58.21	2.39824G	-28.75	2.48574G	-41.73	17.626805G	-52.32	1
2.434402G	6.11	-23.89	2.305115G	-59.39	2.3928G	-27.10	2.49822G	-45.96	2.597155G	-51.00	2

CSE in non-restricted band;PK;Band:2.4G;HT40;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:2437MHz;TN.VN



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.434402G	6.11	-23.89	2.30855G	-59.30	2.39952G	-29.68	2.48414G	-36.30	16.580703G	-53.46	1
2.434402G	6.11	-23.89	2.30397G	-59.56	2.39952G	-30.87	2.4843G	-40.63	17.632414G	-53.07	2

CSE in non-restricted band;PK;Band:2.4G;HT40;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:2452MHz;TN.VN

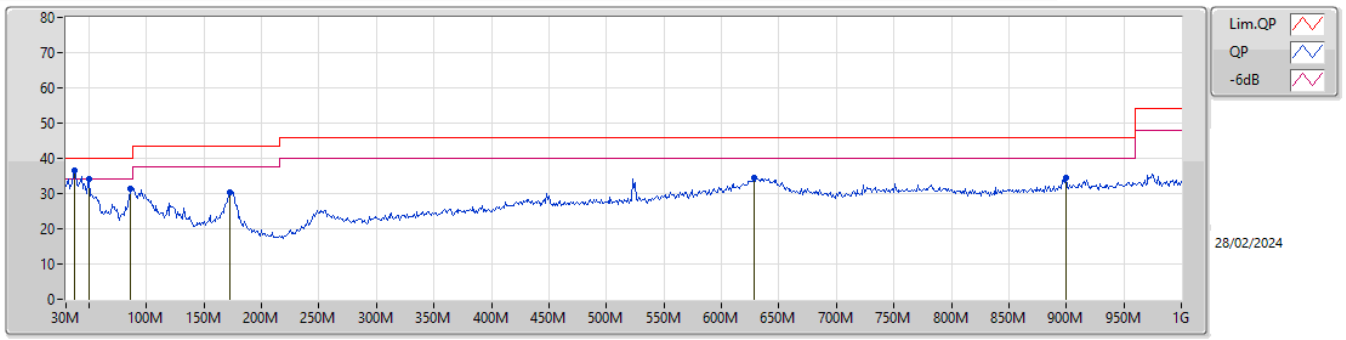


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.434402G	6.11	-23.89	2.309695G	-57.60	2.39936G	-41.43	2.48942G	-30.61	16.931274G	-54.12	1
2.434402G	6.11	-23.89	2.30855G	-47.73	2.39984G	-44.00	2.4843G	-30.35	2.602764G	-51.89	2

Summary

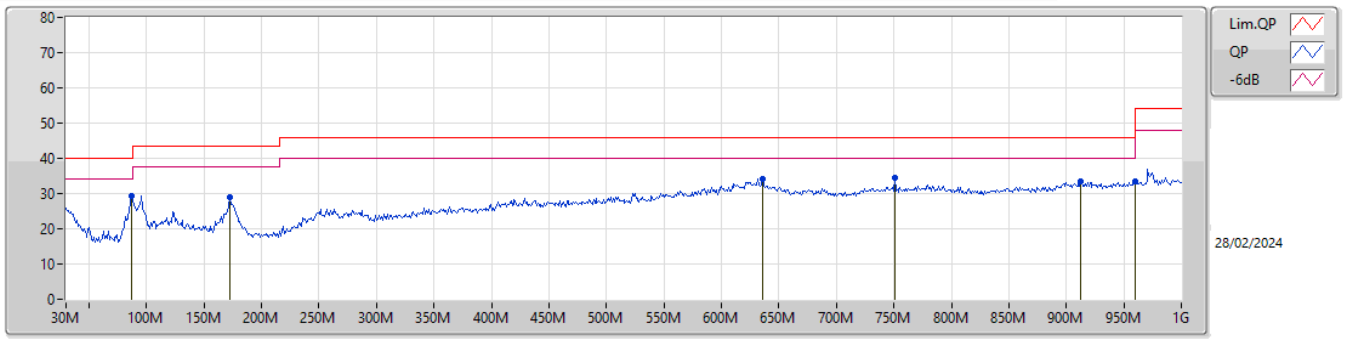
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 2	Pass	PK	37.76M	36.52	40.00	-3.48	Vertical

Mode 2



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
PK	37.76M	36.52	40.00	-3.48	-10.87	3	Vertical	360	1.50	"Worst"	47.39	20.29	1.23	32.39
PK	50.37M	34.15	40.00	-5.85	-16.55	3	Vertical	0	1.25	-	50.70	14.46	1.32	32.33
PK	86.26M	31.26	40.00	-8.74	-16.38	3	Vertical	360	1.00	-	47.64	14.40	1.60	32.38
PK	172.59M	30.38	43.50	-13.12	-14.67	3	Vertical	22	1.25	-	45.05	15.63	2.05	32.35
PK	628.49M	34.50	46.00	-11.50	-2.86	3	Vertical	360	1.50	-	37.36	25.09	3.63	31.58
PK	900.09M	34.64	46.00	-11.36	-0.70	3	Vertical	227	1.50	-	35.34	26.52	4.32	31.54

Mode 2



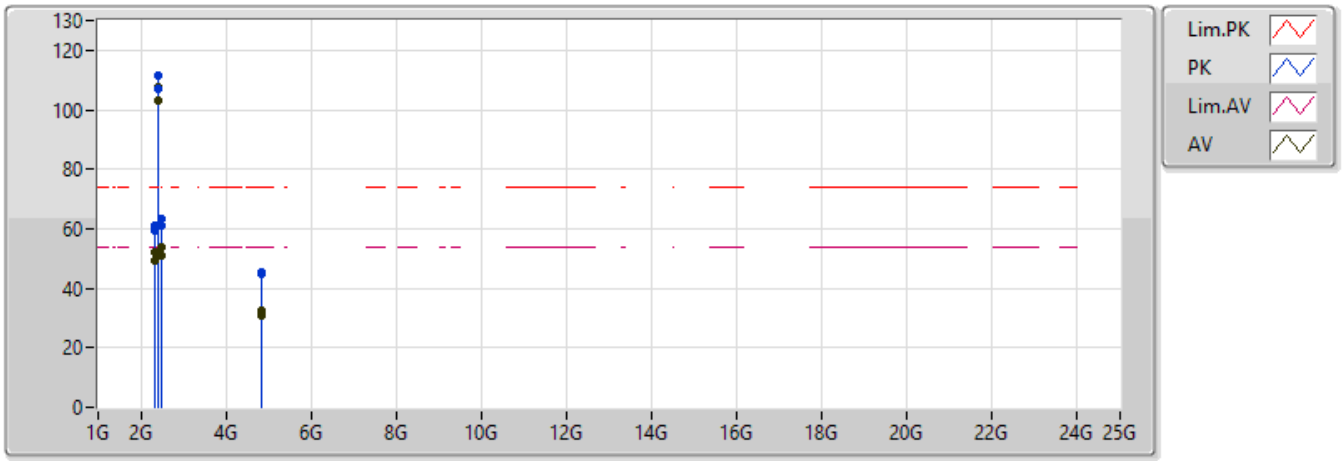
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
PK	87.23M	29.47	40.00	-10.53	-16.20	3	Horizontal	84	2.00	"Worst"	45.67	14.58	1.60	32.38
PK	172.59M	29.08	43.50	-14.42	-14.67	3	Horizontal	91	2.00	-	43.75	15.63	2.05	32.35
PK	636.25M	34.24	46.00	-11.76	-2.72	3	Horizontal	293	1.50	-	36.96	25.15	3.65	31.52
PK	750.71M	34.53	46.00	-11.47	-1.95	3	Horizontal	223	1.25	-	36.48	25.55	3.93	31.43
PK	912.7M	33.49	46.00	-12.51	-0.39	3	Horizontal	273	3.00	-	33.88	26.53	4.34	31.26
PK	960M	33.50	54.00	-20.50	0.72	3	Horizontal	360	1.25	-	32.78	26.70	4.43	30.41

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
2.4-2.4835GHz	Pass	AV	2.39G	53.89	54.00	-0.11	30.89	3	V	82	1.54	-

802.11b_(1Mbps)_1TX

2412MHz_TX

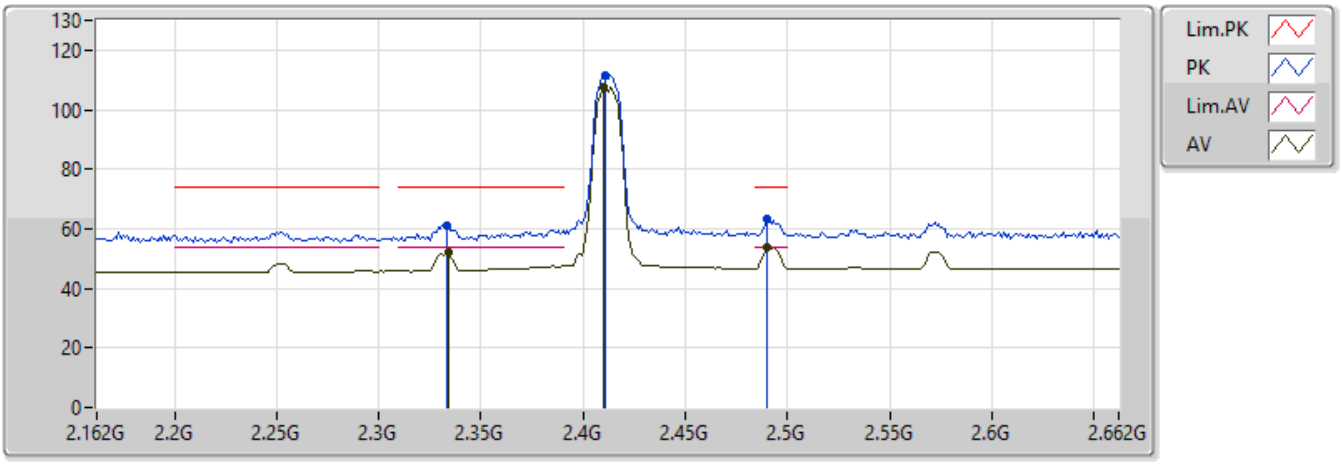


20161028
Eut Y 1TX N-TxBF (J5206)
Setting: 17
use old cmd
01-N-2

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.333G	49.35	54.00	-4.65	30.92	3	H	150	1.58	-
AV	2.411G	103.17	Inf	-Inf	30.88	3	H	150	1.58	-
AV	2.491G	50.73	54.00	-3.27	30.84	3	H	150	1.58	-
PK	2.33G	59.40	74.00	-14.60	30.92	3	H	150	1.58	-
PK	2.413G	107.04	Inf	-Inf	30.87	3	H	150	1.58	-
PK	2.494G	60.99	74.00	-13.01	30.84	3	H	150	1.58	-
AV	2.334G	51.92	54.00	-2.08	30.92	3	V	83	1.44	-
AV	2.41G	107.79	Inf	-Inf	30.88	3	V	83	1.44	-
AV	2.49G	53.71	54.00	-0.29	30.84	3	V	83	1.44	-
PK	2.333G	61.04	74.00	-12.96	30.92	3	V	83	1.44	-
PK	2.411G	111.60	Inf	-Inf	30.88	3	V	83	1.44	-
PK	2.49G	63.13	74.00	-10.87	30.84	3	V	83	1.44	-
AV	4.82988G	31.04	54.00	-22.96	3.26	3	H	16	2.23	-
PK	4.82612G	44.78	74.00	-29.22	3.26	3	H	16	2.23	-
AV	4.82388G	32.47	54.00	-21.53	3.25	3	V	57	2.48	-
PK	4.8242G	45.26	74.00	-28.74	3.25	3	V	57	2.48	-

802.11b_(1Mbps)_1TX

2412MHz_TX

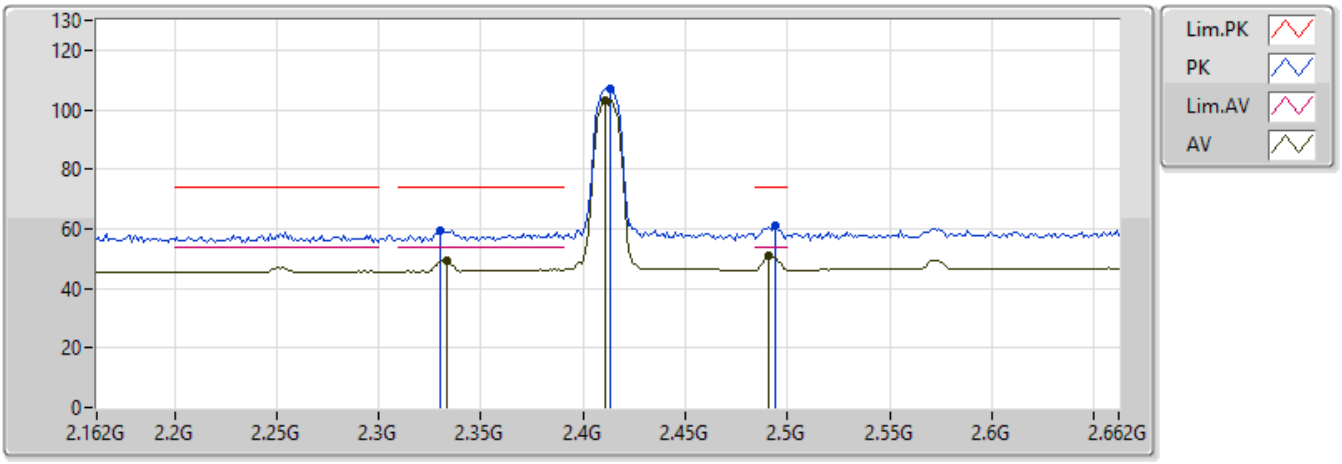


20161028
Eut Y 1TX N-TxBF (J5206)
Setting: 17
use old cmd
01-N-2

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.334G	51.92	54.00	-2.08	30.92	3	V	83	1.44	-
AV	2.41G	107.79	Inf	-Inf	30.88	3	V	83	1.44	-
AV	2.49G	53.71	54.00	-0.29	30.84	3	V	83	1.44	-
PK	2.333G	61.04	74.00	-12.96	30.92	3	V	83	1.44	-
PK	2.411G	111.60	Inf	-Inf	30.88	3	V	83	1.44	-
PK	2.49G	63.13	74.00	-10.87	30.84	3	V	83	1.44	-

802.11b_(1Mbps)_1TX

2412MHz_TX

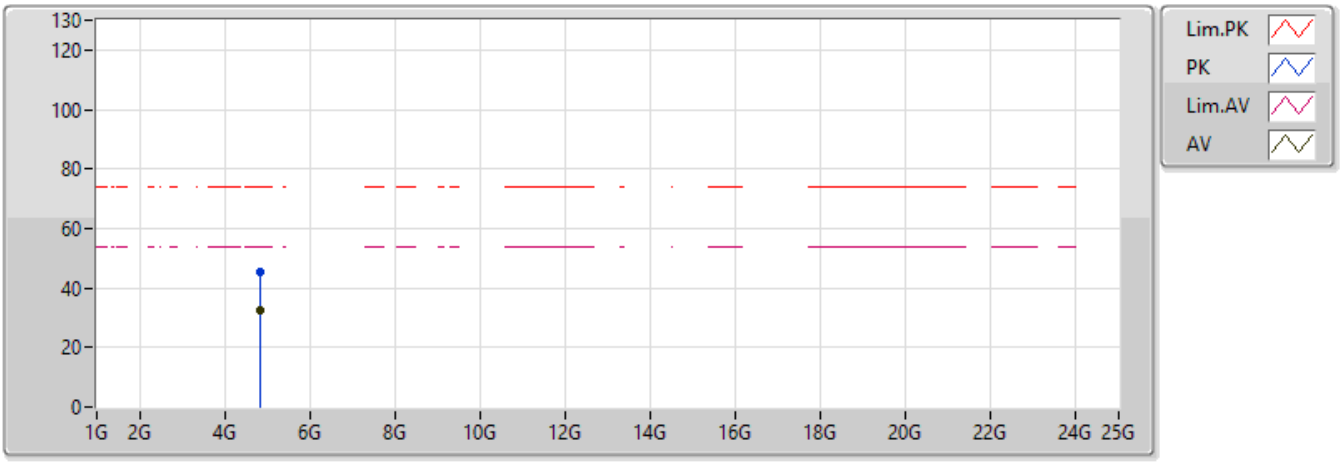


20161028
Eut Y 1TX N-TxBF (J5206)
Setting: 17
use old cmd
01-N-2

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.333G	49.35	54.00	-4.65	30.92	3	H	150	1.58	-
AV	2.411G	103.17	Inf	-Inf	30.88	3	H	150	1.58	-
AV	2.491G	50.73	54.00	-3.27	30.84	3	H	150	1.58	-
PK	2.33G	59.40	74.00	-14.60	30.92	3	H	150	1.58	-
PK	2.413G	107.04	Inf	-Inf	30.87	3	H	150	1.58	-
PK	2.494G	60.99	74.00	-13.01	30.84	3	H	150	1.58	-

802.11b_(1Mbps)_1TX

2412MHz_TX

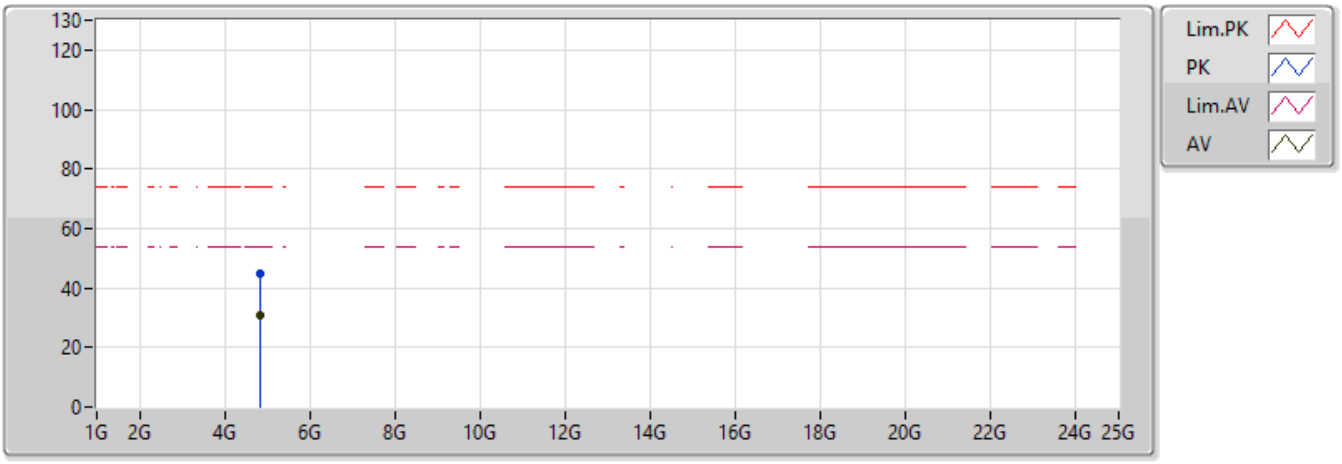


20161028
Eut Y 1TX N-TxBF (J5206)
Setting: 17
use old cmd
01-N-2

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.82388G	32.47	54.00	-21.53	3.25	3	V	57	2.48	-
PK	4.8242G	45.26	74.00	-28.74	3.25	3	V	57	2.48	-

802.11b_(1Mbps)_1TX

2412MHz_TX

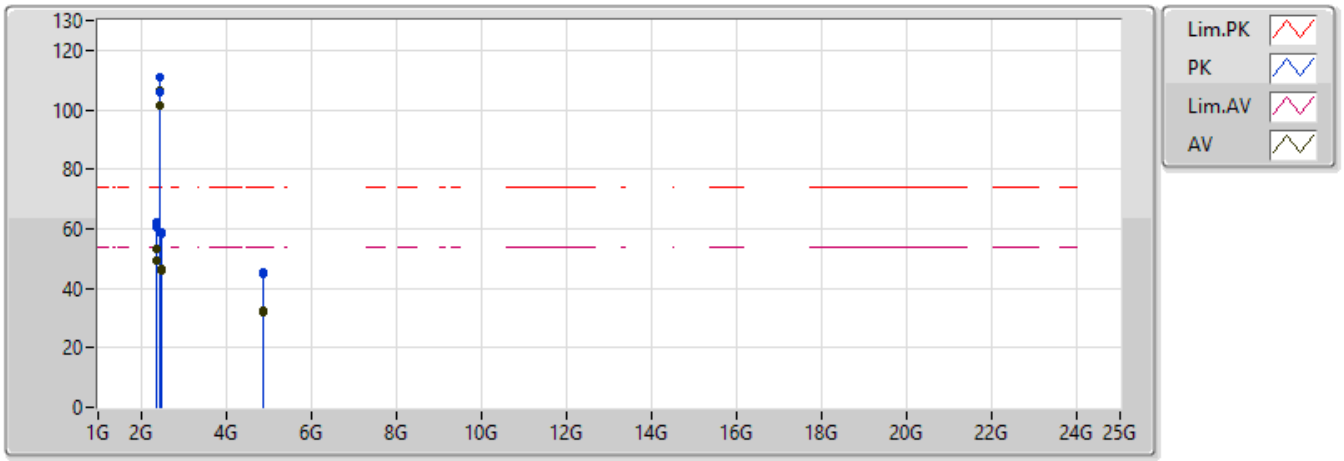


20161028
Eut Y 1TX N-TxBF (J5206)
Setting: 17
use old cmd
01-N-2

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.82988G	31.04	54.00	-22.96	3.26	3	H	16	2.23	-
PK	4.82612G	44.78	74.00	-29.22	3.26	3	H	16	2.23	-

802.11b_(1Mbps)_1TX

2437MHz_TX

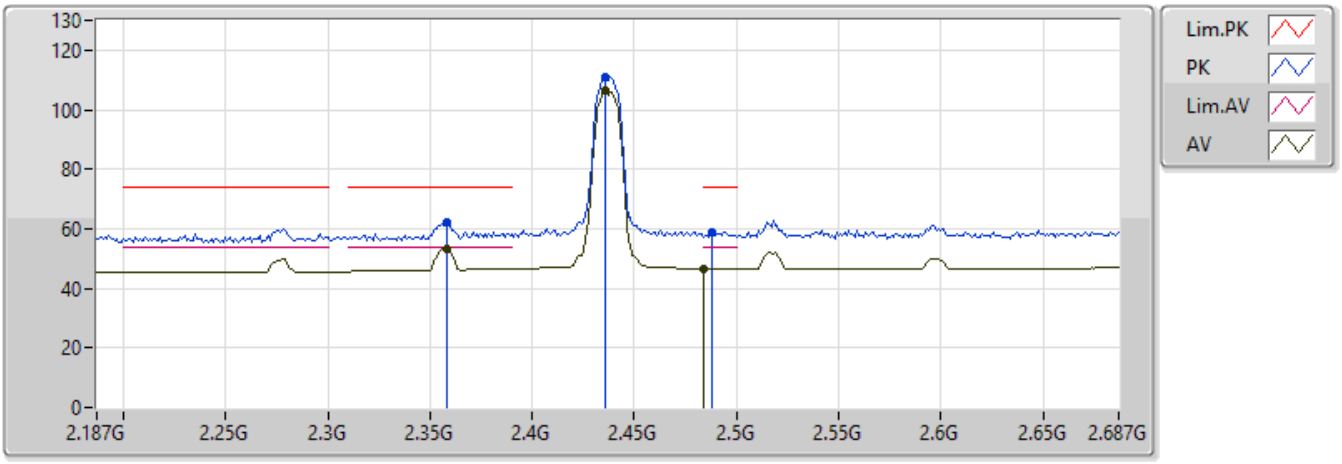


20161028
Eut Y 1TX N-TxBF (J5206)
Setting: 17
use old cmd
01-N-2

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.356G	49.38	54.00	-4.62	30.91	3	H	144	1.53	-
AV	2.439G	101.51	Inf	-Inf	30.86	3	H	144	1.53	-
AV	2.484G	46.06	54.00	-7.94	30.85	3	H	144	1.53	-
PK	2.356G	60.28	74.00	-13.72	30.91	3	H	144	1.53	-
PK	2.438G	106.13	Inf	-Inf	30.86	3	H	144	1.53	-
PK	2.485G	58.15	74.00	-15.85	30.85	3	H	144	1.53	-
AV	2.358G	53.20	54.00	-0.80	30.91	3	V	97	1.62	-
AV	2.436G	106.47	Inf	-Inf	30.87	3	V	97	1.62	-
AV	2.484G	46.63	54.00	-7.37	30.85	3	V	97	1.62	-
PK	2.358G	62.24	74.00	-11.76	30.91	3	V	97	1.62	-
PK	2.436G	110.76	Inf	-Inf	30.87	3	V	97	1.62	-
PK	2.488G	58.78	74.00	-15.22	30.84	3	V	97	1.62	-
AV	4.87404G	31.70	54.00	-22.30	3.34	3	H	346	1.52	-
PK	4.87248G	45.62	74.00	-28.38	3.34	3	H	346	1.52	-
AV	4.874G	32.39	54.00	-21.61	3.34	3	V	256	1.27	-
PK	4.87052G	44.76	74.00	-29.24	3.34	3	V	256	1.27	-

802.11b_(1Mbps)_1TX

2437MHz_TX

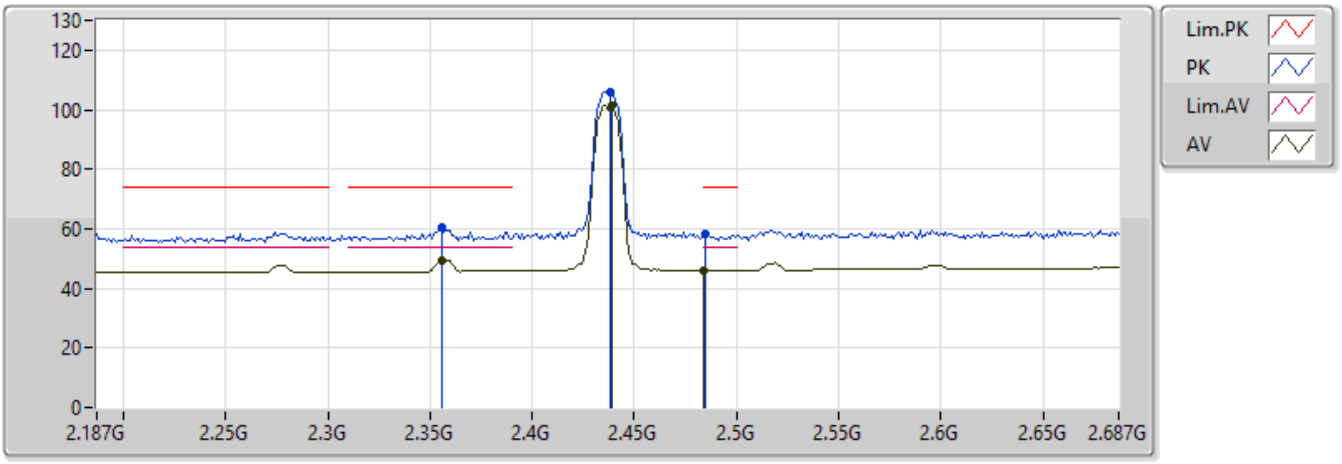


20161028
Eut Y 1TX N-TxBF (J5206)
Setting: 17
use old cmd
01-N-2

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.358G	53.20	54.00	-0.80	30.91	3	V	97	1.62	-
AV	2.436G	106.47	Inf	-Inf	30.87	3	V	97	1.62	-
AV	2.484G	46.63	54.00	-7.37	30.85	3	V	97	1.62	-
PK	2.358G	62.24	74.00	-11.76	30.91	3	V	97	1.62	-
PK	2.436G	110.76	Inf	-Inf	30.87	3	V	97	1.62	-
PK	2.488G	58.78	74.00	-15.22	30.84	3	V	97	1.62	-

802.11b_(1Mbps)_1TX

2437MHz_TX

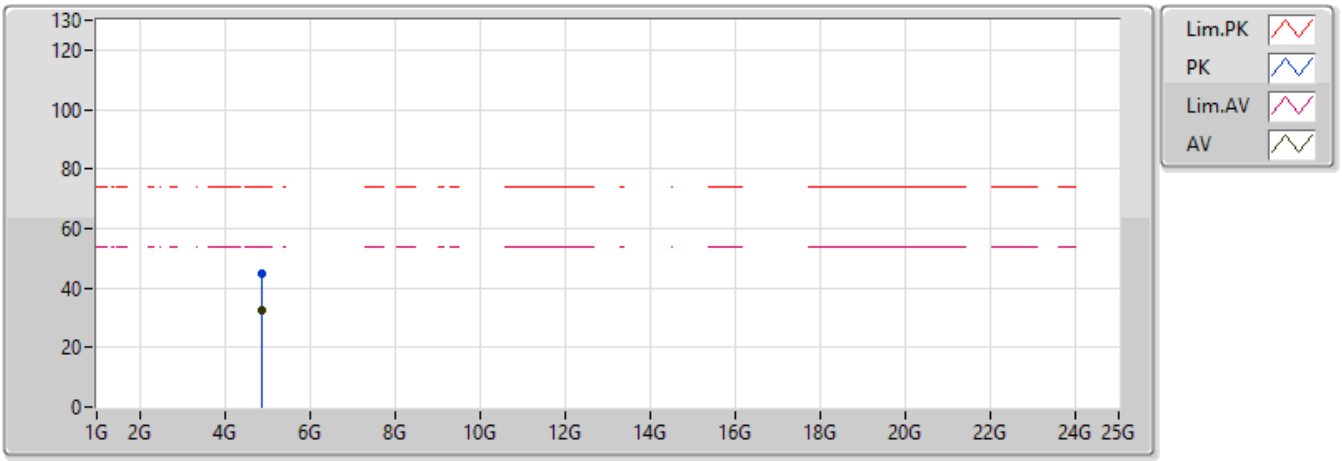


20161028
Eut Y 1TX N-TxBF (J5206)
Setting: 17
use old cmd
01-N-2

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.356G	49.38	54.00	-4.62	30.91	3	H	144	1.53	-
AV	2.439G	101.51	Inf	-Inf	30.86	3	H	144	1.53	-
AV	2.484G	46.06	54.00	-7.94	30.85	3	H	144	1.53	-
PK	2.356G	60.28	74.00	-13.72	30.91	3	H	144	1.53	-
PK	2.438G	106.13	Inf	-Inf	30.86	3	H	144	1.53	-
PK	2.485G	58.15	74.00	-15.85	30.85	3	H	144	1.53	-

802.11b_(1Mbps)_1TX

2437MHz_TX

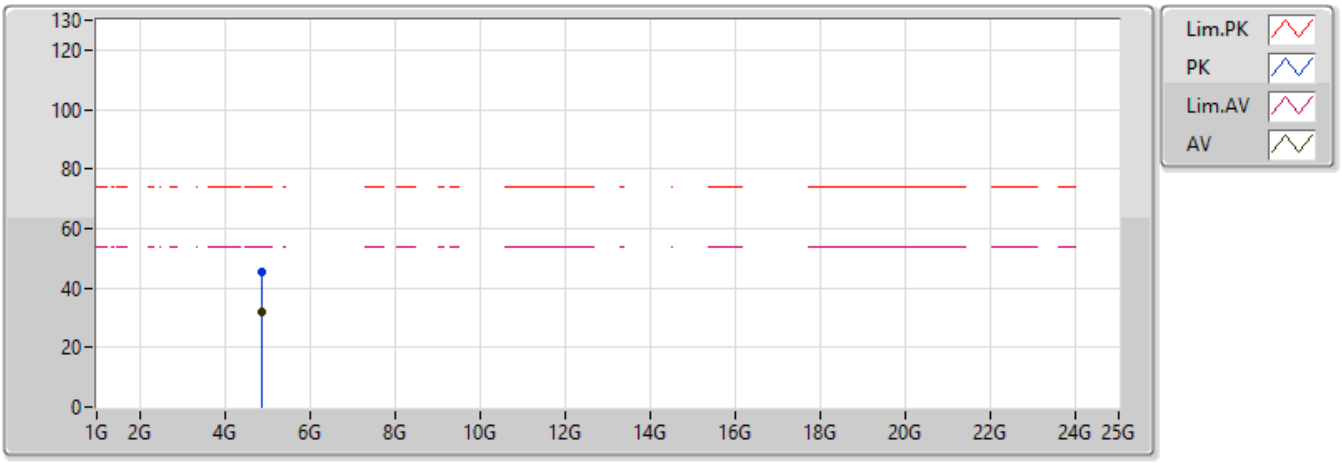


20161028
Eut Y 1TX N-TxBF (J5206)
Setting: 17
use old cmd
01-N-2

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.874G	32.39	54.00	-21.61	3.34	3	V	256	1.27	-
PK	4.87052G	44.76	74.00	-29.24	3.34	3	V	256	1.27	-

802.11b_(1Mbps)_1TX

2437MHz_TX

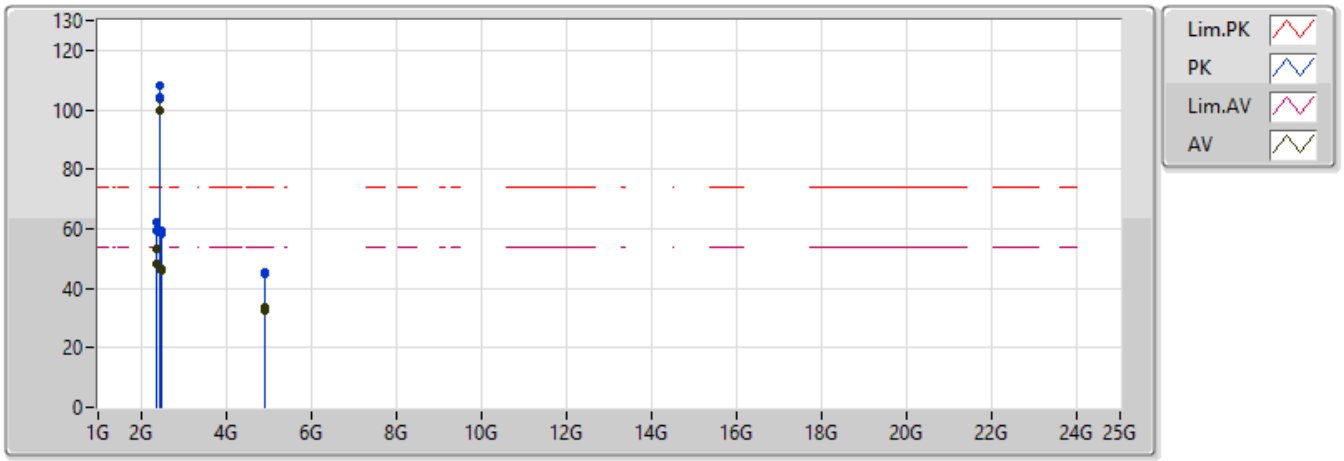


20161028
Eut Y 1TX N-TxBF (J5206)
Setting: 17
use old cmd
01-N-2

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.87404G	31.70	54.00	-22.30	3.34	3	H	346	1.52	-
PK	4.87248G	45.62	74.00	-28.38	3.34	3	H	346	1.52	-

802.11b_(1Mbps)_1TX

2462MHz_TX

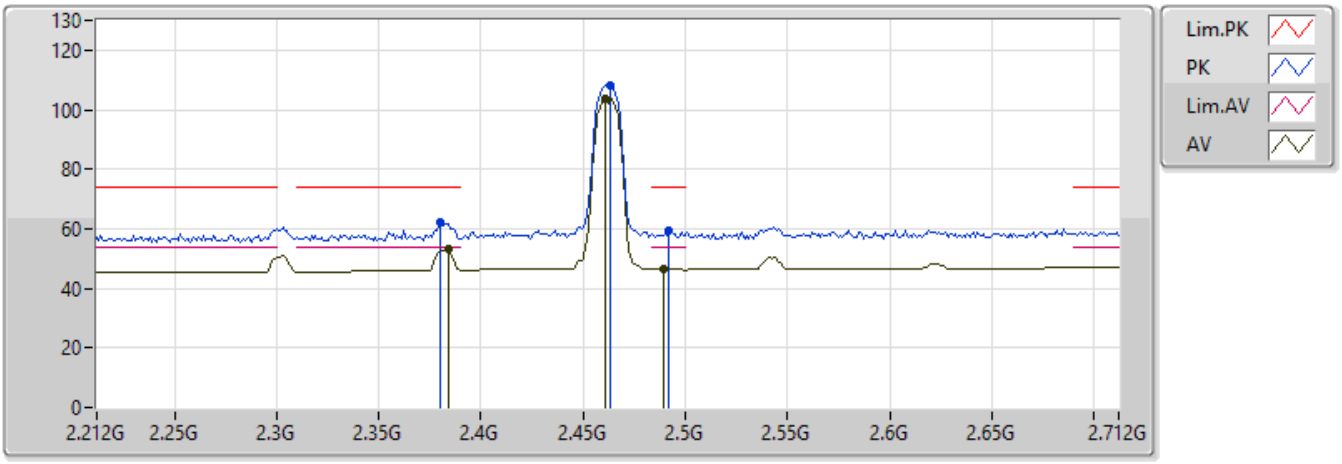


20161028
Eut Y 1TX N-TxBF (J5206)
Setting: 16
use old cmd
01-N-2

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.383G	48.25	54.00	-5.75	30.89	3	H	147	1.29	-
AV	2.461G	99.68	Inf	-Inf	30.86	3	H	147	1.29	-
AV	2.5G	46.00	54.00	-8.00	30.84	3	H	147	1.29	-
PK	2.383G	59.21	74.00	-14.79	30.89	3	H	147	1.29	-
PK	2.463G	104.02	Inf	-Inf	30.85	3	H	147	1.29	-
PK	2.494G	58.29	74.00	-15.71	30.84	3	H	147	1.29	-
AV	2.384G	53.06	54.00	-0.94	30.89	3	V	89	1.56	-
AV	2.461G	103.82	Inf	-Inf	30.86	3	V	89	1.56	-
AV	2.489G	46.43	54.00	-7.57	30.84	3	V	89	1.56	-
PK	2.38G	61.97	74.00	-12.03	30.89	3	V	89	1.56	-
PK	2.463G	108.17	Inf	-Inf	30.85	3	V	89	1.56	-
PK	2.492G	59.32	74.00	-14.68	30.84	3	V	89	1.56	-
AV	4.93392G	32.56	54.00	-21.44	3.45	3	H	345	1.56	-
PK	4.9276G	45.52	74.00	-28.48	3.44	3	H	345	1.56	-
AV	4.93276G	33.68	54.00	-20.32	3.45	3	V	202	1.76	-
PK	4.9228G	44.96	74.00	-29.04	3.43	3	V	202	1.76	-

802.11b_(1Mbps)_1TX

2462MHz_TX

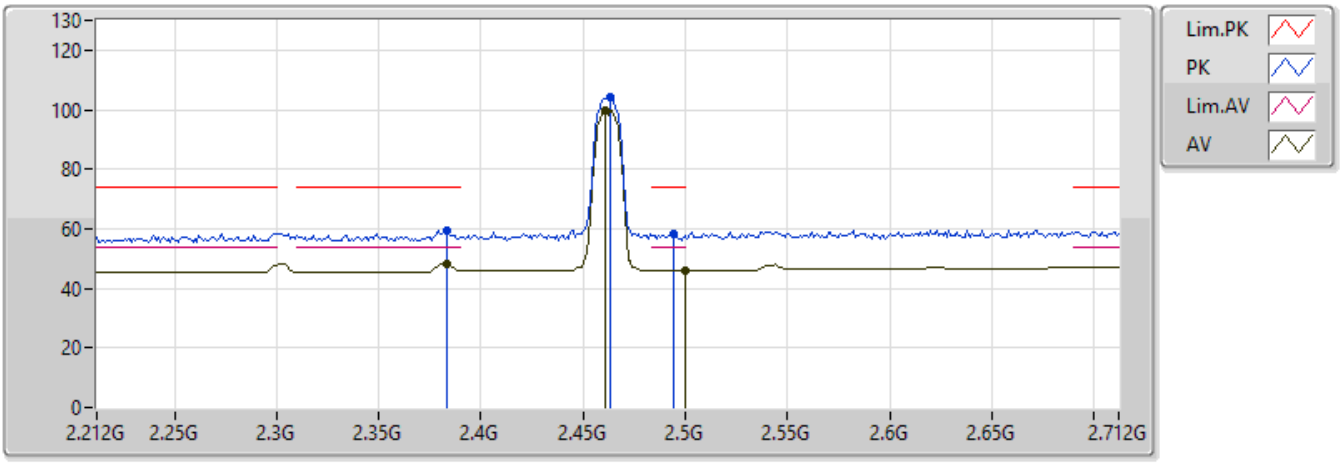


20161028
Eut Y 1TX N-TxBF (J5206)
Setting: 16
use old cmd
01-N-2

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.384G	53.06	54.00	-0.94	30.89	3	V	89	1.56	-
AV	2.461G	103.82	Inf	-Inf	30.86	3	V	89	1.56	-
AV	2.489G	46.43	54.00	-7.57	30.84	3	V	89	1.56	-
PK	2.38G	61.97	74.00	-12.03	30.89	3	V	89	1.56	-
PK	2.463G	108.17	Inf	-Inf	30.85	3	V	89	1.56	-
PK	2.492G	59.32	74.00	-14.68	30.84	3	V	89	1.56	-

802.11b_(1Mbps)_1TX

2462MHz_TX

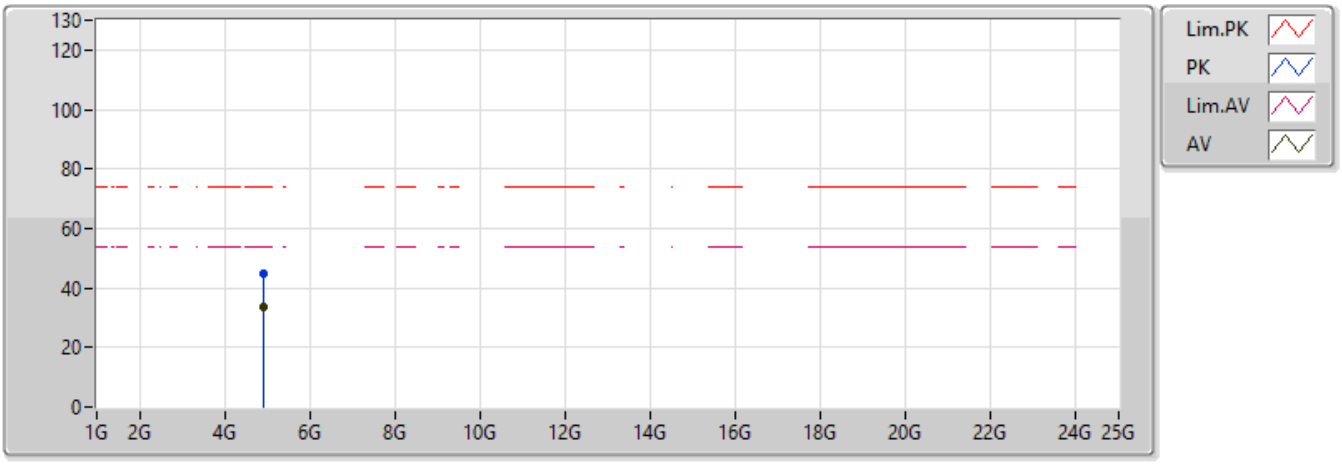


20161028
Eut Y 1TX N-TxBF (J5206)
Setting: 16
use old cmd
01-N-2

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.383G	48.25	54.00	-5.75	30.89	3	H	147	1.29	-
AV	2.461G	99.68	Inf	-Inf	30.86	3	H	147	1.29	-
AV	2.5G	46.00	54.00	-8.00	30.84	3	H	147	1.29	-
PK	2.383G	59.21	74.00	-14.79	30.89	3	H	147	1.29	-
PK	2.463G	104.02	Inf	-Inf	30.85	3	H	147	1.29	-
PK	2.494G	58.29	74.00	-15.71	30.84	3	H	147	1.29	-

802.11b_(1Mbps)_1TX

2462MHz_TX

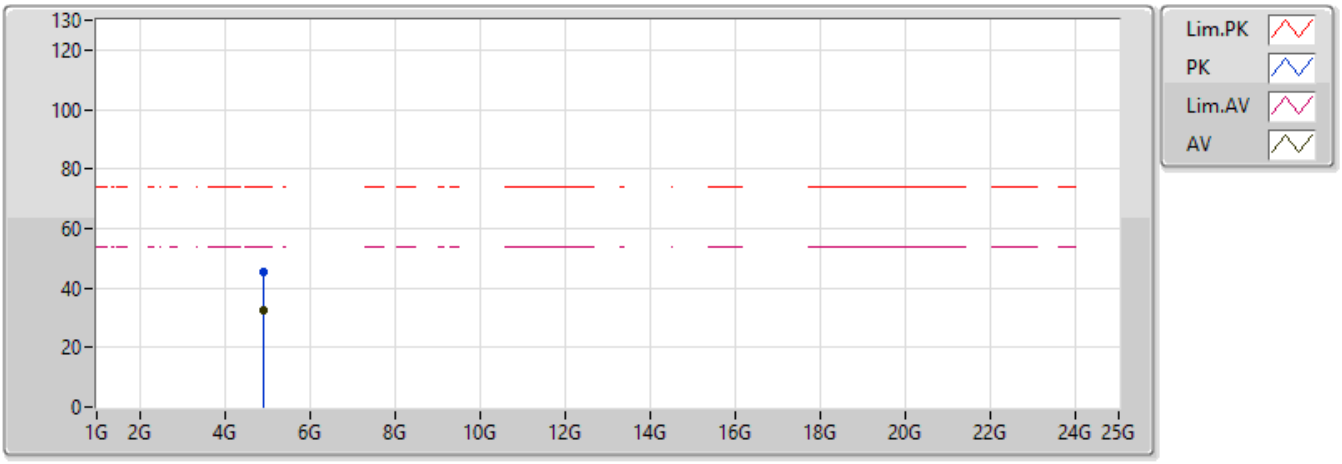


20161028
Eut Y 1TX N-TxBF (J5206)
Setting: 16
use old cmd
01-N-2

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.93276G	33.68	54.00	-20.32	3.45	3	V	202	1.76	-
PK	4.9228G	44.96	74.00	-29.04	3.43	3	V	202	1.76	-

802.11b_(1Mbps)_1TX

2462MHz_TX

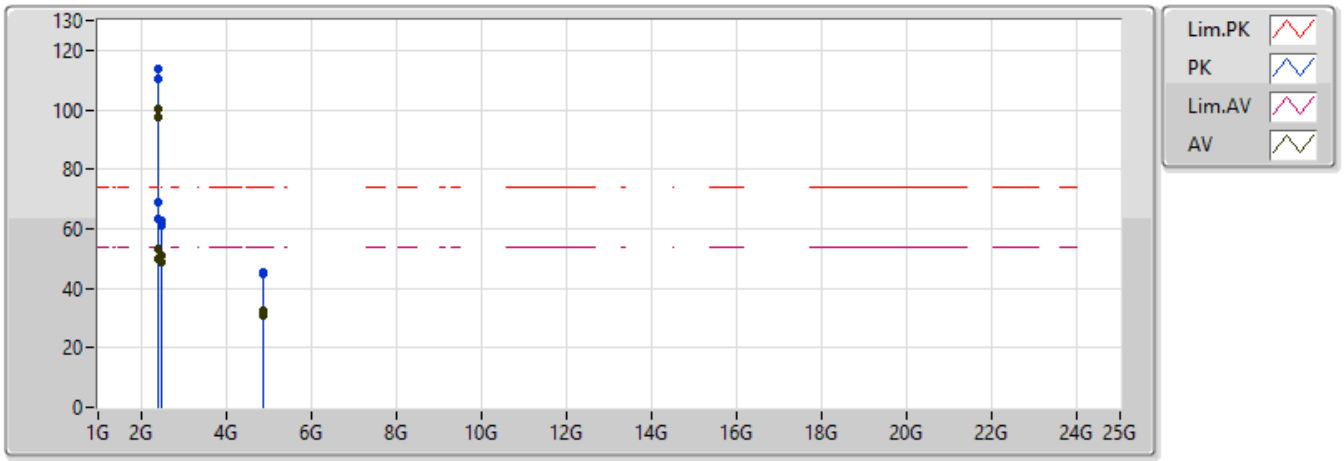


20161028
Eut Y 1TX N-TxBF (J5206)
Setting: 16
use old cmd
01-N-2

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.93392G	32.56	54.00	-21.44	3.45	3	H	345	1.56	-
PK	4.9276G	45.52	74.00	-28.48	3.44	3	H	345	1.56	-

802.11g_(6Mbps)_1TX

2412MHz_TX

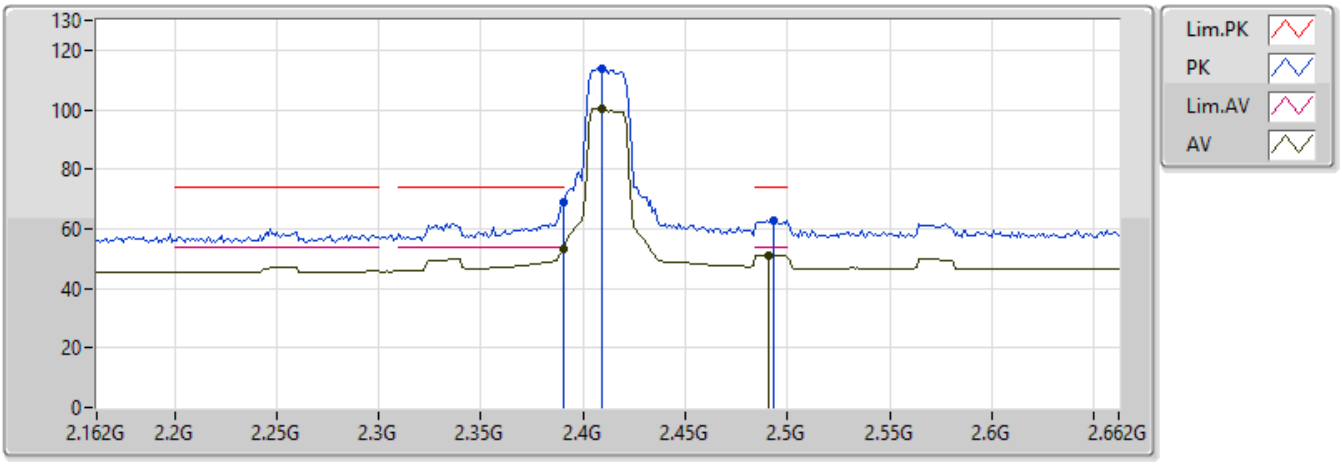


20161028
Eut Y 1TX N-TxBF (J5206)
Setting: 20
use old cmd
01-N-2

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.39G	49.71	54.00	-4.29	30.89	3	H	149	1.73	-
AV	2.409G	97.42	Inf	-Inf	30.88	3	H	149	1.73	-
AV	2.494G	48.88	54.00	-5.12	30.84	3	H	149	1.73	-
PK	2.39G	63.48	74.00	-10.52	30.89	3	H	149	1.73	-
PK	2.41G	110.26	Inf	-Inf	30.88	3	H	149	1.73	-
PK	2.496G	61.01	74.00	-12.99	30.84	3	H	149	1.73	-
AV	2.39G	53.09	54.00	-0.91	30.89	3	V	83	1.50	-
AV	2.409G	100.32	Inf	-Inf	30.88	3	V	83	1.50	-
AV	2.491G	51.22	54.00	-2.78	30.84	3	V	83	1.50	-
PK	2.39G	69.03	74.00	-4.97	30.89	3	V	83	1.50	-
PK	2.409G	113.91	Inf	-Inf	30.88	3	V	83	1.50	-
PK	2.493G	62.97	74.00	-11.03	30.84	3	V	83	1.50	-
AV	4.86904G	31.09	54.00	-22.91	3.33	3	H	251	1.21	-
PK	4.87496G	44.79	74.00	-29.21	3.34	3	H	251	1.21	-
AV	4.86536G	32.65	54.00	-21.35	3.33	3	V	34	2.07	-
PK	4.87616G	45.11	74.00	-28.89	3.35	3	V	34	2.07	-

802.11g_(6Mbps)_1TX

2412MHz_TX

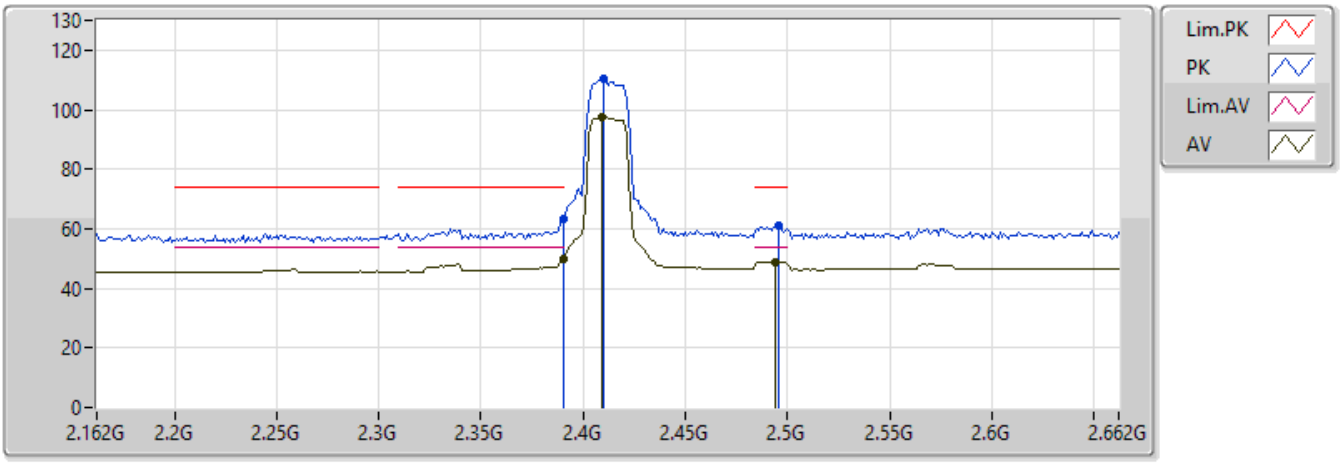


20161028
Eut Y 1TX N-TxBF (J5206)
Setting: 20
use old cmd
01-N-2

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.39G	53.09	54.00	-0.91	30.89	3	V	83	1.50	-
AV	2.409G	100.32	Inf	-Inf	30.88	3	V	83	1.50	-
AV	2.491G	51.22	54.00	-2.78	30.84	3	V	83	1.50	-
PK	2.39G	69.03	74.00	-4.97	30.89	3	V	83	1.50	-
PK	2.409G	113.91	Inf	-Inf	30.88	3	V	83	1.50	-
PK	2.493G	62.97	74.00	-11.03	30.84	3	V	83	1.50	-

802.11g_(6Mbps)_1TX

2412MHz_TX

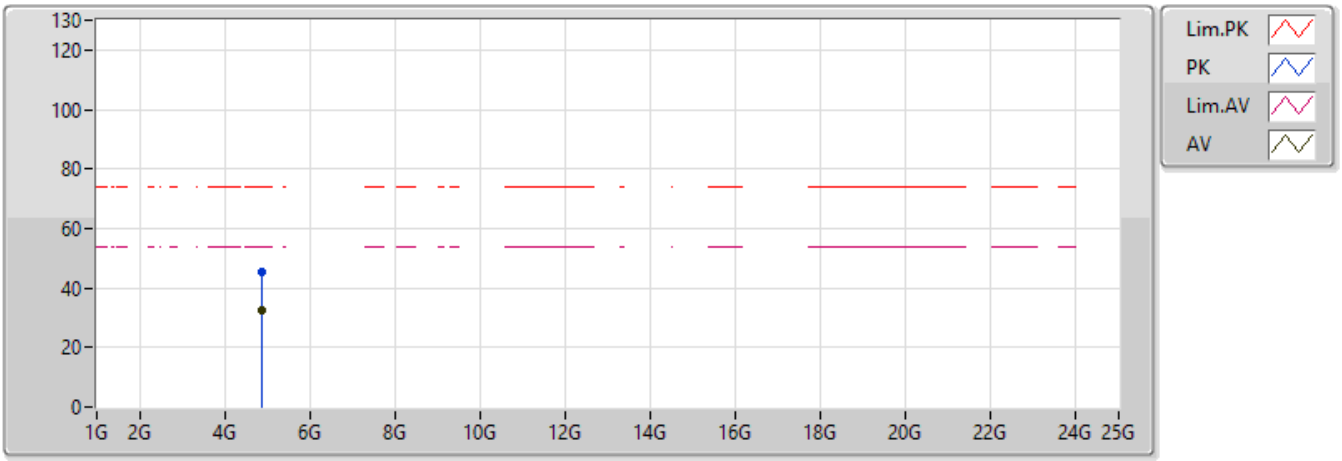


20161028
Eut Y 1TX N-TxBF (J5206)
Setting: 20
use old cmd
01-N-2

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.39G	49.71	54.00	-4.29	30.89	3	H	149	1.73	-
AV	2.409G	97.42	Inf	-Inf	30.88	3	H	149	1.73	-
AV	2.494G	48.88	54.00	-5.12	30.84	3	H	149	1.73	-
PK	2.39G	63.48	74.00	-10.52	30.89	3	H	149	1.73	-
PK	2.41G	110.26	Inf	-Inf	30.88	3	H	149	1.73	-
PK	2.496G	61.01	74.00	-12.99	30.84	3	H	149	1.73	-

802.11g_(6Mbps)_1TX

2412MHz_TX

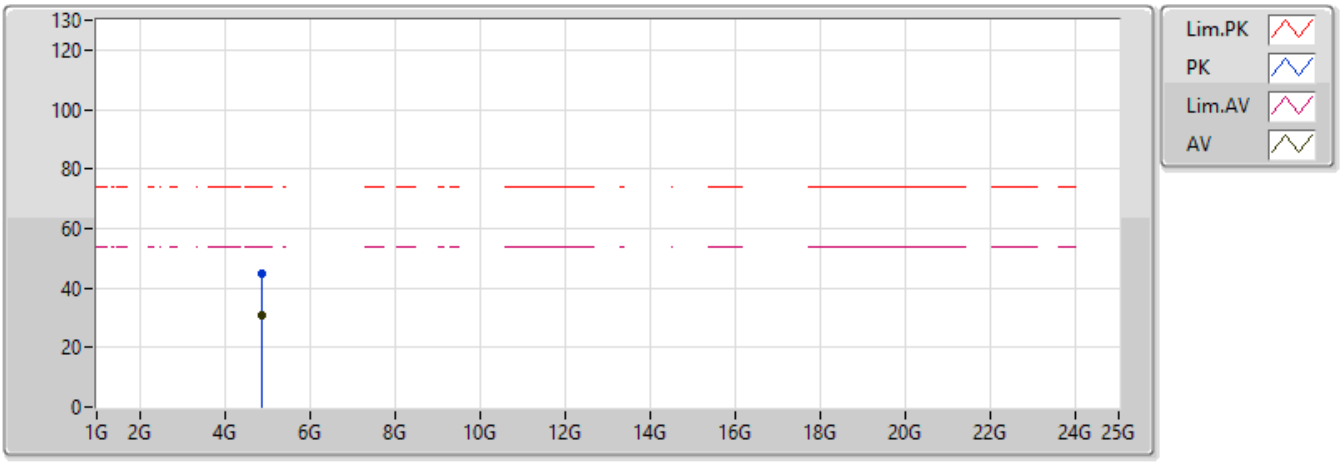


20161028
Eut Y 1TX N-TxBF (J5206)
Setting: 20
use old cmd
01-N-2

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.86536G	32.65	54.00	-21.35	3.33	3	V	34	2.07	-
PK	4.87616G	45.11	74.00	-28.89	3.35	3	V	34	2.07	-

802.11g_(6Mbps)_1TX

2412MHz_TX

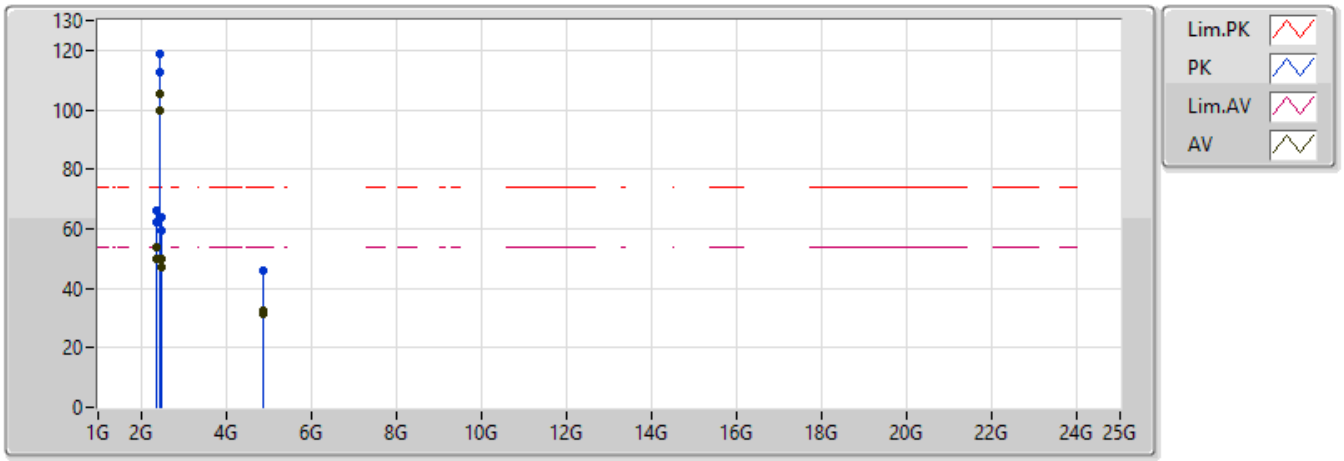


20161028
Eut Y 1TX N-TxBF (J5206)
Setting: 20
use old cmd
01-N-2

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.86904G	31.09	54.00	-22.91	3.33	3	H	251	1.21	-
PK	4.87496G	44.79	74.00	-29.21	3.34	3	H	251	1.21	-

802.11g_(6Mbps)_1TX

2437MHz_TX

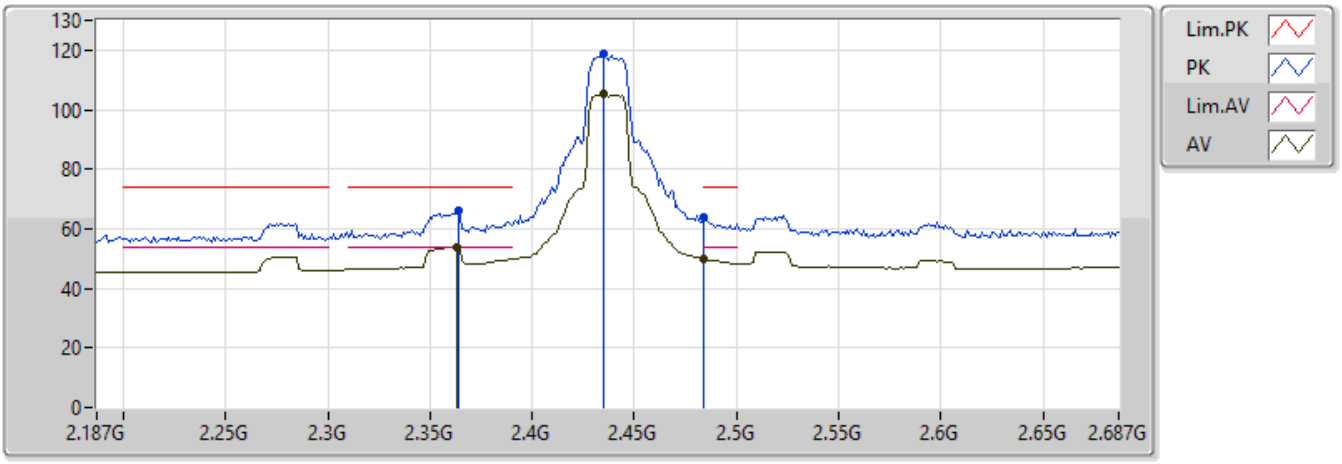


20161028
Eut Y 1TX N-TxBF (J5206)
Setting: 23
use old cmd
01-N-2

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.363G	49.76	54.00	-4.24	30.90	3	H	144	1.51	-
AV	2.434G	99.80	Inf	-Inf	30.87	3	H	144	1.51	-
AV	2.484G	47.19	54.00	-6.81	30.85	3	H	144	1.51	-
PK	2.354G	62.27	74.00	-11.73	30.91	3	H	144	1.51	-
PK	2.435G	112.84	Inf	-Inf	30.87	3	H	144	1.51	-
PK	2.492G	59.56	74.00	-14.44	30.84	3	H	144	1.51	-
AV	2.363G	53.82	54.00	-0.18	30.90	3	V	100	1.98	-
AV	2.435G	105.12	Inf	-Inf	30.87	3	V	100	1.98	-
AV	2.484G	49.67	54.00	-4.33	30.85	3	V	100	1.98	-
PK	2.364G	66.05	74.00	-7.95	30.90	3	V	100	1.98	-
PK	2.435G	118.53	Inf	-Inf	30.87	3	V	100	1.98	-
PK	2.484G	63.77	74.00	-10.23	30.85	3	V	100	1.98	-
AV	4.8668G	31.17	54.00	-22.83	3.33	3	H	341	2.40	-
PK	4.86948G	45.78	74.00	-28.22	3.34	3	H	341	2.40	-
AV	4.86904G	32.45	54.00	-21.55	3.33	3	V	238	1.68	-
PK	4.86692G	45.75	74.00	-28.25	3.33	3	V	238	1.68	-

802.11g_(6Mbps)_1TX

2437MHz_TX

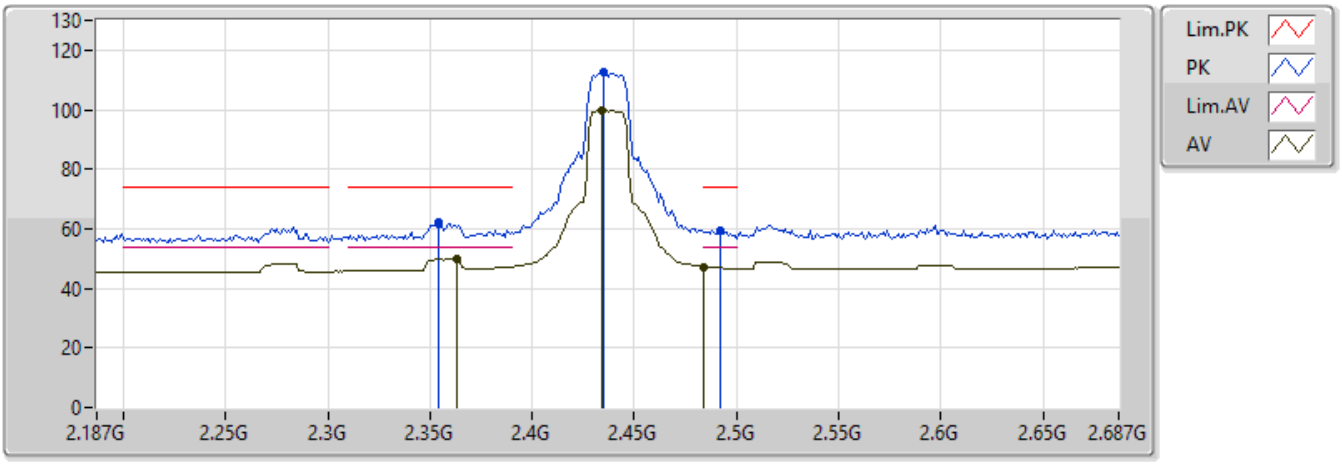


20161028
Eut Y 1TX N-TxBF (J5206)
Setting: 23
use old cmd
01-N-2

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.363G	53.82	54.00	-0.18	30.90	3	V	100	1.98	-
AV	2.435G	105.12	Inf	-Inf	30.87	3	V	100	1.98	-
AV	2.484G	49.67	54.00	-4.33	30.85	3	V	100	1.98	-
PK	2.364G	66.05	74.00	-7.95	30.90	3	V	100	1.98	-
PK	2.435G	118.53	Inf	-Inf	30.87	3	V	100	1.98	-
PK	2.484G	63.77	74.00	-10.23	30.85	3	V	100	1.98	-

802.11g_(6Mbps)_1TX

2437MHz_TX

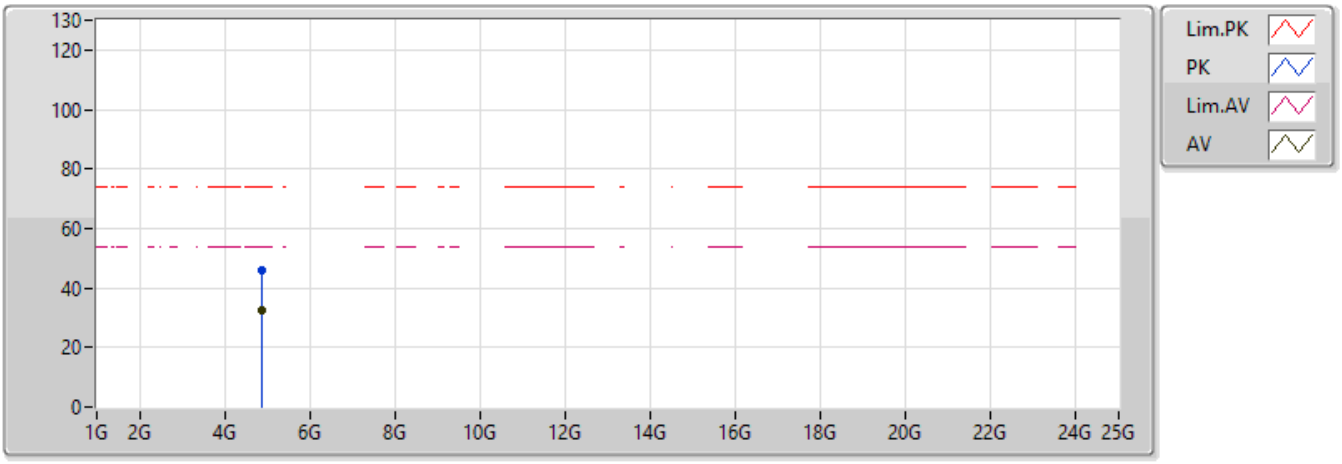


20161028
Eut Y 1TX N-TxBF (J5206)
Setting: 23
use old cmd
01-N-2

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.363G	49.76	54.00	-4.24	30.90	3	H	144	1.51	-
AV	2.434G	99.80	Inf	-Inf	30.87	3	H	144	1.51	-
AV	2.484G	47.19	54.00	-6.81	30.85	3	H	144	1.51	-
PK	2.354G	62.27	74.00	-11.73	30.91	3	H	144	1.51	-
PK	2.435G	112.84	Inf	-Inf	30.87	3	H	144	1.51	-
PK	2.492G	59.56	74.00	-14.44	30.84	3	H	144	1.51	-

802.11g_(6Mbps)_1TX

2437MHz_TX

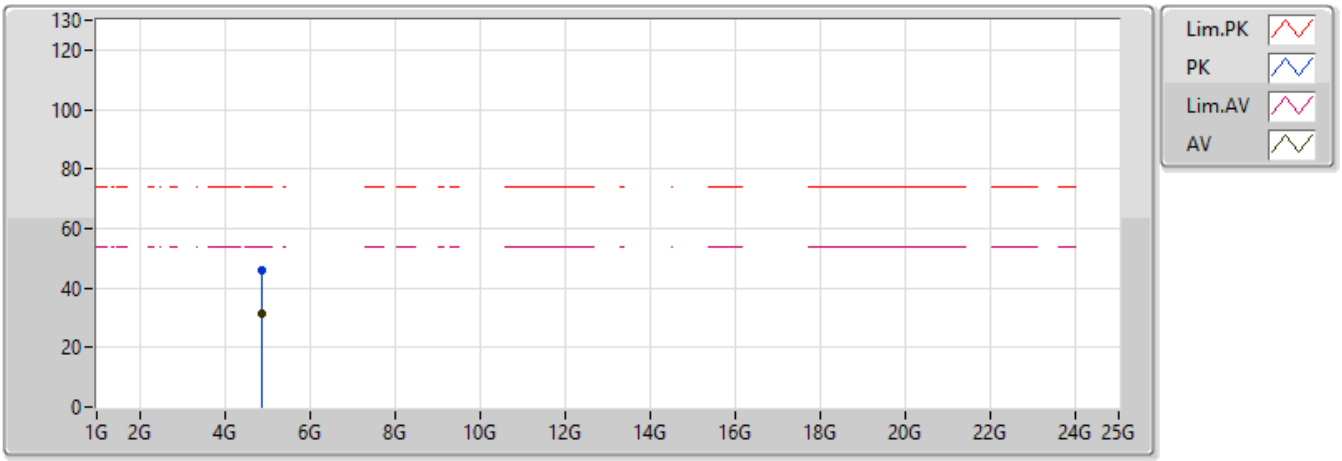


20161028
Eut Y 1TX N-TxBF (J5206)
Setting: 23
use old cmd
01-N-2

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.86904G	32.45	54.00	-21.55	3.33	3	V	238	1.68	-
PK	4.86692G	45.75	74.00	-28.25	3.33	3	V	238	1.68	-

802.11g_(6Mbps)_1TX

2437MHz_TX

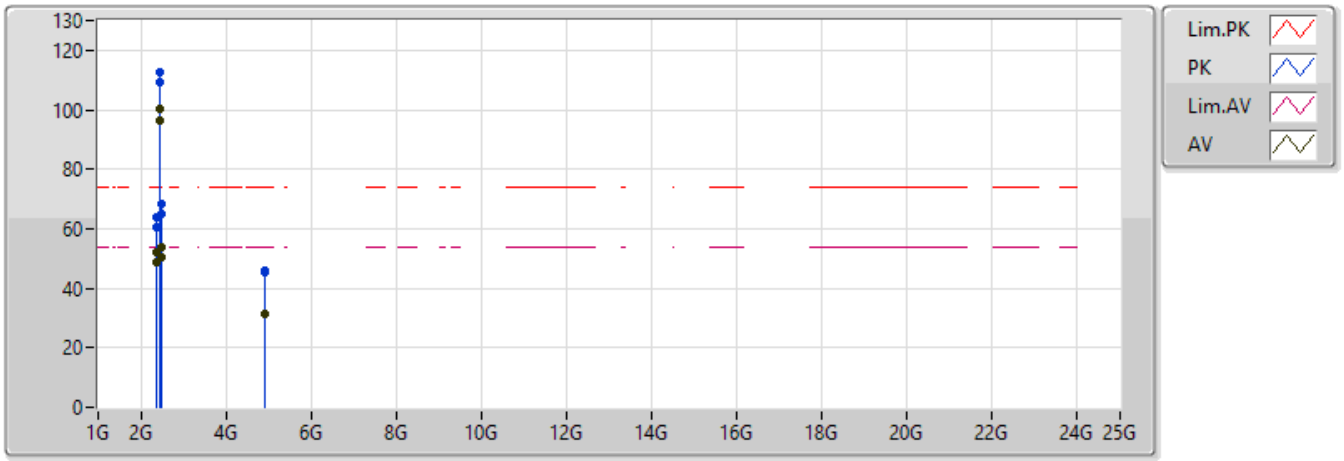


20161028
Eut Y 1TX N-TxBF (J5206)
Setting: 23
use old cmd
01-N-2

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.8668G	31.17	54.00	-22.83	3.33	3	H	341	2.40	-
PK	4.86948G	45.78	74.00	-28.22	3.34	3	H	341	2.40	-

802.11g_(6Mbps)_1TX

2462MHz_TX

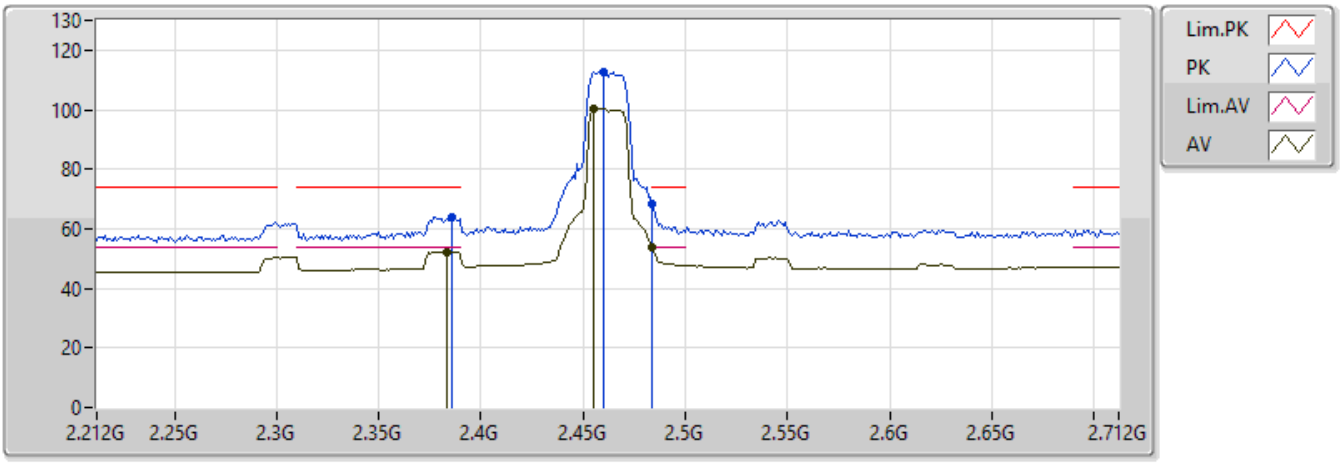


20161028
Eut Y 1TX N-TxBF (J5206)
Setting: 20
use old cmd
01-N-2

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.388G	48.63	54.00	-5.37	30.89	3	H	147	1.30	-
AV	2.464G	96.51	Inf	-Inf	30.85	3	H	147	1.30	-
AV	2.484G	50.43	54.00	-3.57	30.85	3	H	147	1.30	-
PK	2.375G	60.57	74.00	-13.43	30.89	3	H	147	1.30	-
PK	2.46G	109.49	Inf	-Inf	30.86	3	H	147	1.30	-
PK	2.484G	64.89	74.00	-9.11	30.85	3	H	147	1.30	-
AV	2.383G	52.30	54.00	-1.70	30.89	3	V	82	1.54	-
AV	2.455G	100.30	Inf	-Inf	30.86	3	V	82	1.54	-
AV	2.484G	53.56	54.00	-0.44	30.85	3	V	82	1.54	-
PK	2.386G	63.80	74.00	-10.20	30.89	3	V	82	1.54	-
PK	2.46G	112.84	Inf	-Inf	30.86	3	V	82	1.54	-
PK	2.484G	68.19	74.00	-5.81	30.85	3	V	82	1.54	-
AV	4.92416G	31.27	54.00	-22.73	3.43	3	H	170	1.41	-
PK	4.91424G	45.37	74.00	-28.63	3.42	3	H	170	1.41	-
AV	4.92248G	31.23	54.00	-22.77	3.43	3	V	153	2.43	-
PK	4.92508G	46.02	74.00	-27.98	3.44	3	V	153	2.43	-

802.11g_(6Mbps)_1TX

2462MHz_TX

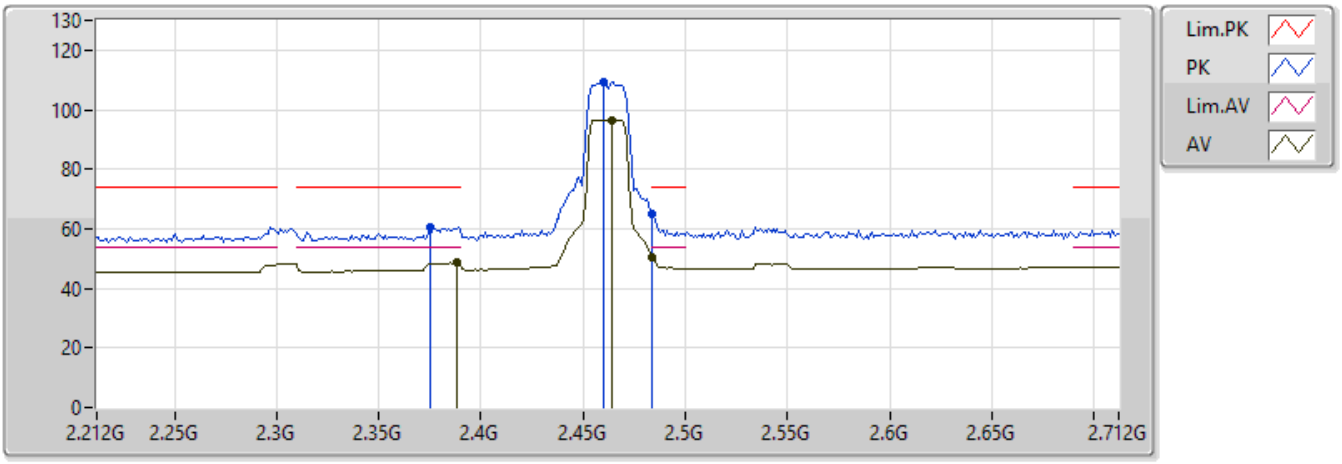


20161028
Eut Y 1TX N-TxBF (J5206)
Setting: 20
use old cmd
01-N-2

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.383G	52.30	54.00	-1.70	30.89	3	V	82	1.54	-
AV	2.455G	100.30	Inf	-Inf	30.86	3	V	82	1.54	-
AV	2.484G	53.56	54.00	-0.44	30.85	3	V	82	1.54	-
PK	2.386G	63.80	74.00	-10.20	30.89	3	V	82	1.54	-
PK	2.46G	112.84	Inf	-Inf	30.86	3	V	82	1.54	-
PK	2.484G	68.19	74.00	-5.81	30.85	3	V	82	1.54	-

802.11g_(6Mbps)_1TX

2462MHz_TX

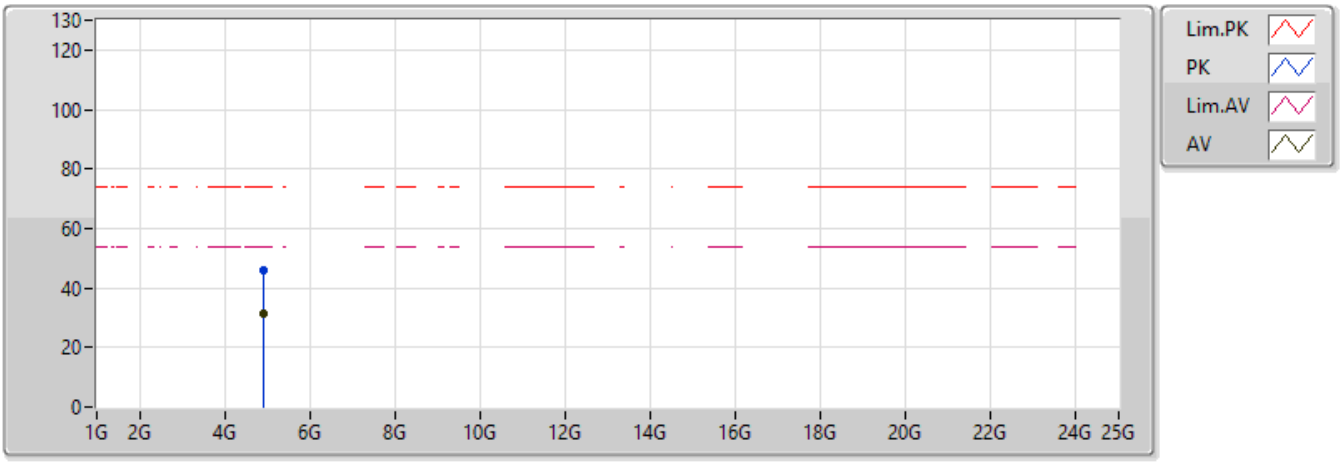


20161028
Eut Y 1TX N-TxBF (J5206)
Setting: 20
use old cmd
01-N-2

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.388G	48.63	54.00	-5.37	30.89	3	H	147	1.30	-
AV	2.464G	96.51	Inf	-Inf	30.85	3	H	147	1.30	-
AV	2.484G	50.43	54.00	-3.57	30.85	3	H	147	1.30	-
PK	2.375G	60.57	74.00	-13.43	30.89	3	H	147	1.30	-
PK	2.46G	109.49	Inf	-Inf	30.86	3	H	147	1.30	-
PK	2.484G	64.89	74.00	-9.11	30.85	3	H	147	1.30	-

802.11g_(6Mbps)_1TX

2462MHz_TX

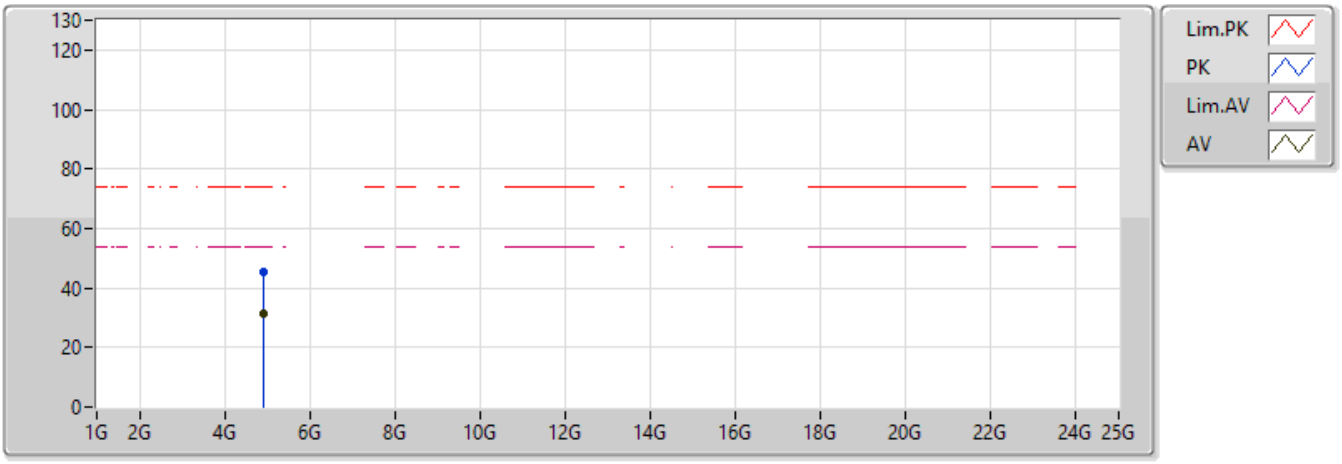


20161028
Eut Y 1TX N-TxBF (J5206)
Setting: 20
use old cmd
01-N-2

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.92248G	31.23	54.00	-22.77	3.43	3	V	153	2.43	-
PK	4.92508G	46.02	74.00	-27.98	3.44	3	V	153	2.43	-

802.11g_(6Mbps)_1TX

2462MHz_TX

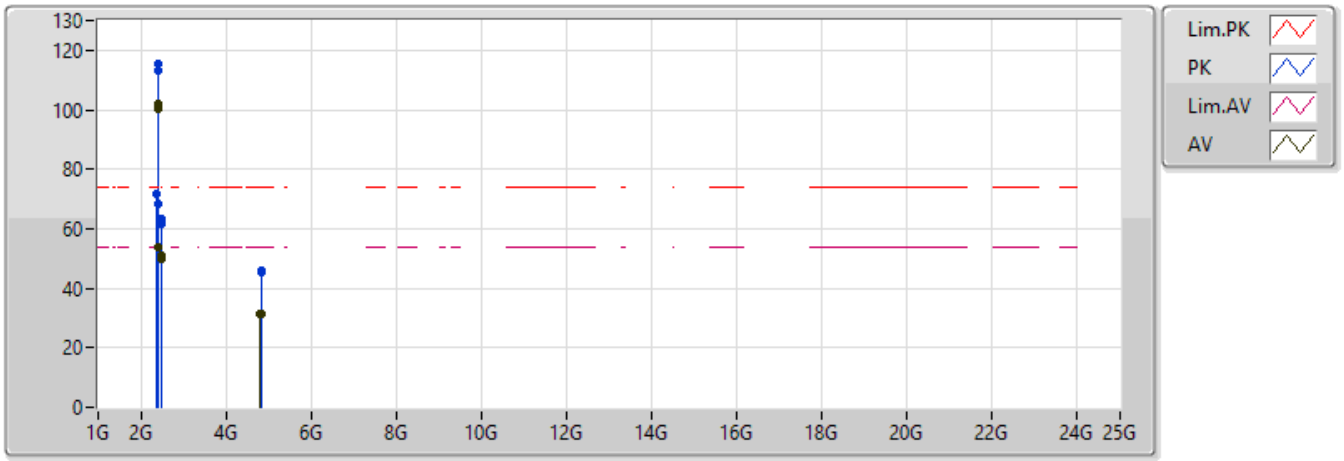


20161028
Eut Y 1TX N-TxBF (J5206)
Setting: 20
use old cmd
01-N-2

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.92416G	31.27	54.00	-22.73	3.43	3	H	170	1.41	-
PK	4.91424G	45.37	74.00	-28.63	3.42	3	H	170	1.41	-

802.11n HT20_Nss1,(MCS0)_2TX

2412MHz_TX

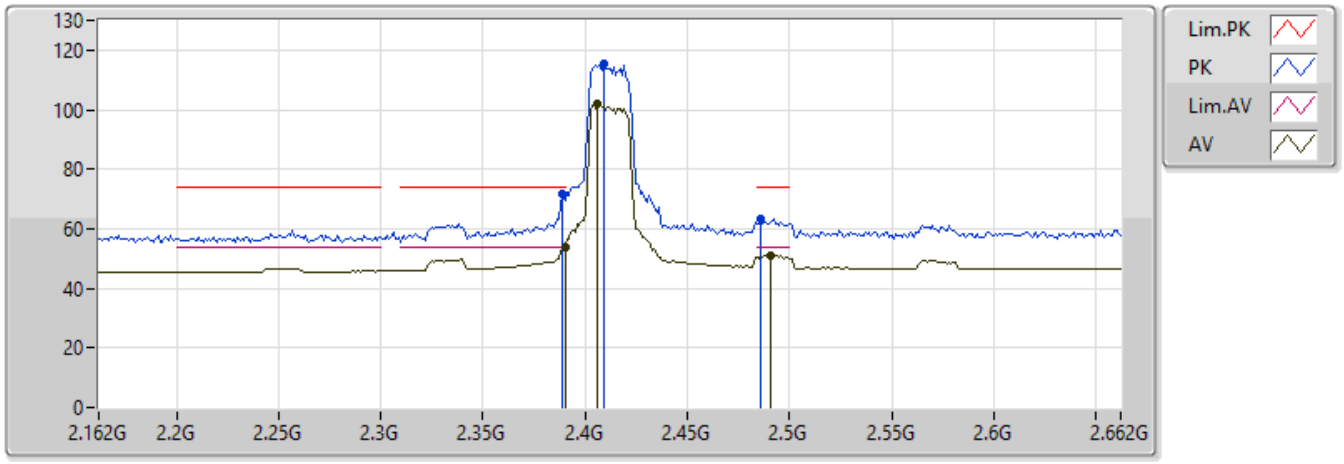


20161028
Eut Y 2TX N-TxBF (J5206)
Setting: 19
use old cmd
01-N-2

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.39G	53.79	54.00	-0.21	30.89	3	H	163	2.78	-
AV	2.413G	100.28	Inf	-Inf	30.87	3	H	163	2.78	-
AV	2.49G	49.93	54.00	-4.07	30.84	3	H	163	2.78	-
PK	2.39G	68.62	74.00	-5.38	30.89	3	H	163	2.78	-
PK	2.413G	112.91	Inf	-Inf	30.87	3	H	163	2.78	-
PK	2.485G	61.49	74.00	-12.51	30.85	3	H	163	2.78	-
AV	2.39G	53.89	54.00	-0.11	30.89	3	V	82	1.54	-
AV	2.406G	101.80	Inf	-Inf	30.88	3	V	82	1.54	-
AV	2.491G	51.05	54.00	-2.95	30.84	3	V	82	1.54	-
PK	2.389G	71.69	74.00	-2.31	30.89	3	V	82	1.54	-
PK	2.409G	115.42	Inf	-Inf	30.88	3	V	82	1.54	-
PK	2.486G	63.53	74.00	-10.47	30.85	3	V	82	1.54	-
AV	4.82784G	31.26	54.00	-22.74	3.26	3	H	319	1.55	-
PK	4.81734G	45.75	74.00	-28.25	3.24	3	H	319	1.55	-
AV	4.81554G	31.21	54.00	-22.79	3.24	3	V	70	1.29	-
PK	4.82304G	45.63	74.00	-28.37	3.25	3	V	70	1.29	-

802.11n HT20_Nss1,(MCS0)_2TX

2412MHz_TX

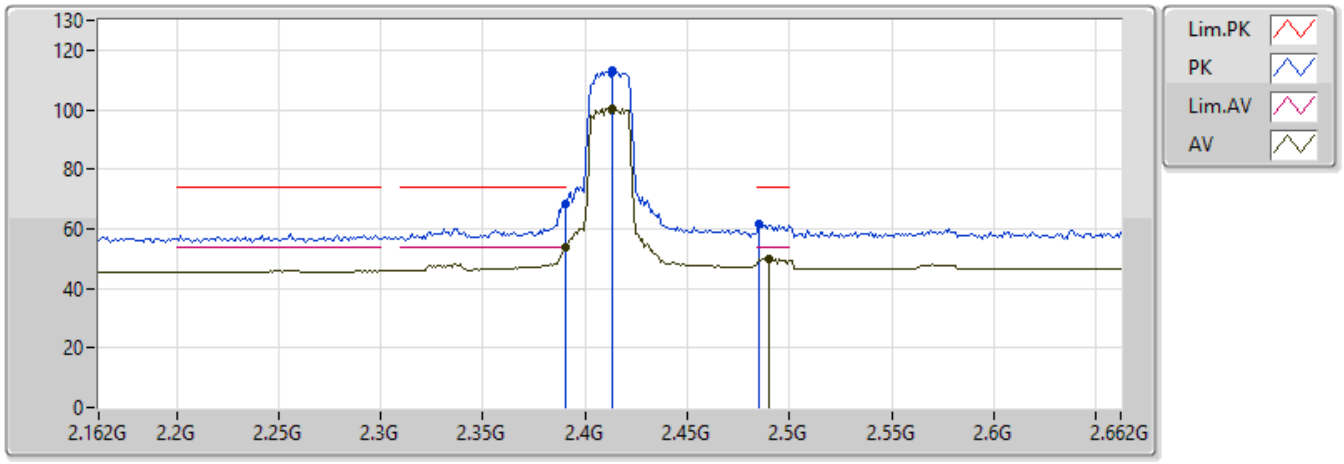


20161028
Eut Y 2TX N-TxBF (J5206)
Setting: 19
use old cmd
01-N-2

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.39G	53.89	54.00	-0.11	30.89	3	V	82	1.54	-
AV	2.406G	101.80	Inf	-Inf	30.88	3	V	82	1.54	-
AV	2.491G	51.05	54.00	-2.95	30.84	3	V	82	1.54	-
PK	2.389G	71.69	74.00	-2.31	30.89	3	V	82	1.54	-
PK	2.409G	115.42	Inf	-Inf	30.88	3	V	82	1.54	-
PK	2.486G	63.53	74.00	-10.47	30.85	3	V	82	1.54	-

802.11n HT20_Nss1,(MCS0)_2TX

2412MHz_TX

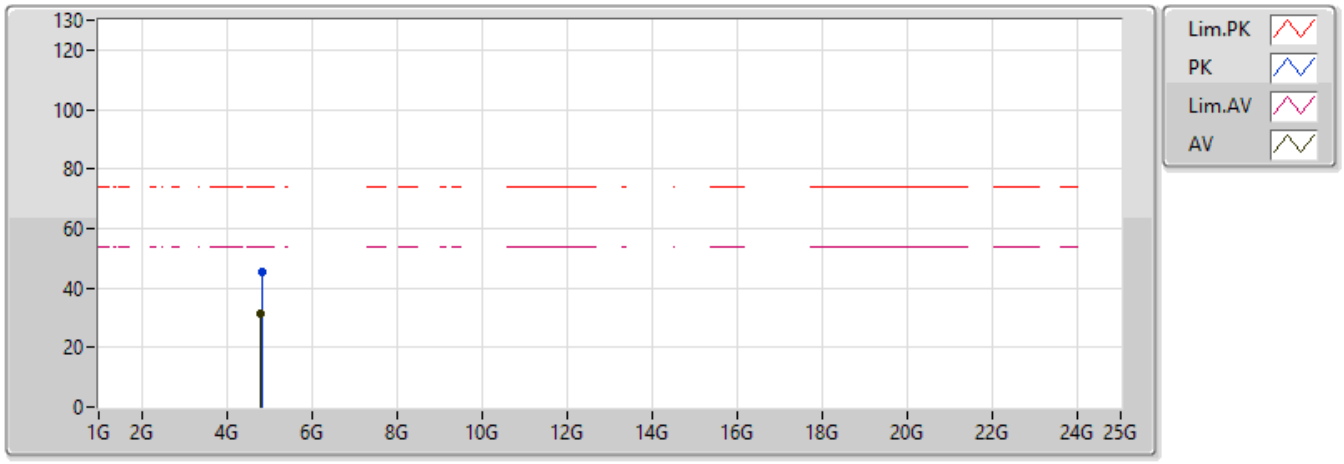


20161028
Eut Y 2TX N-TxBF (J5206)
Setting: 19
use old cmd
01-N-2

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.39G	53.79	54.00	-0.21	30.89	3	H	163	2.78	-
AV	2.413G	100.28	Inf	-Inf	30.87	3	H	163	2.78	-
AV	2.49G	49.93	54.00	-4.07	30.84	3	H	163	2.78	-
PK	2.39G	68.62	74.00	-5.38	30.89	3	H	163	2.78	-
PK	2.413G	112.91	Inf	-Inf	30.87	3	H	163	2.78	-
PK	2.485G	61.49	74.00	-12.51	30.85	3	H	163	2.78	-

802.11n HT20_Nss1,(MCS0)_2TX

2412MHz_TX

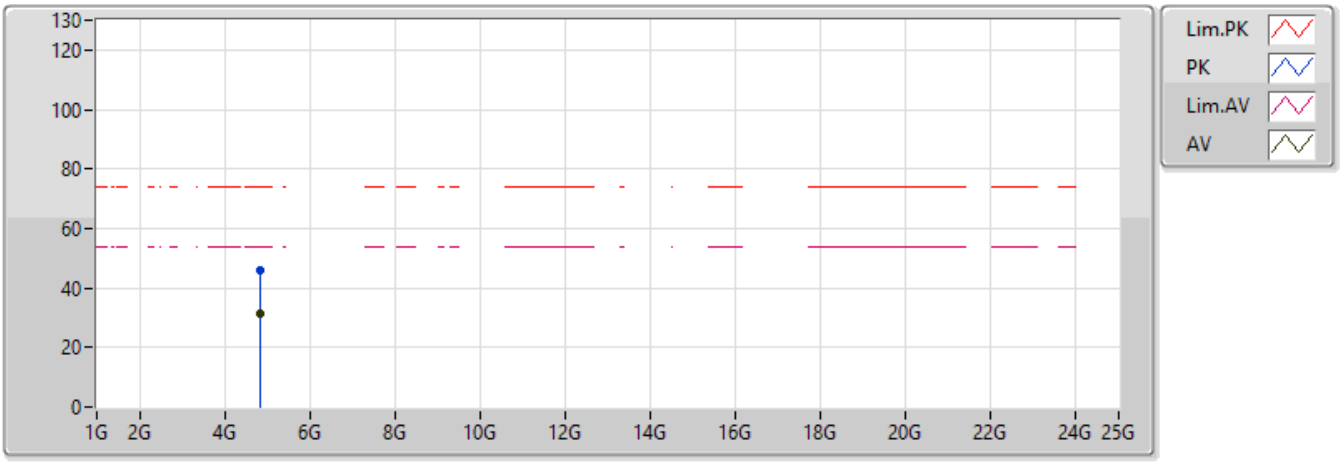


20161028
Eut Y 2TX N-TxBF (J5206)
Setting: 19
use old cmd
01-N-2

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.81554G	31.21	54.00	-22.79	3.24	3	V	70	1.29	-
PK	4.82304G	45.63	74.00	-28.37	3.25	3	V	70	1.29	-

802.11n HT20_Nss1,(MCS0)_2TX

2412MHz_TX

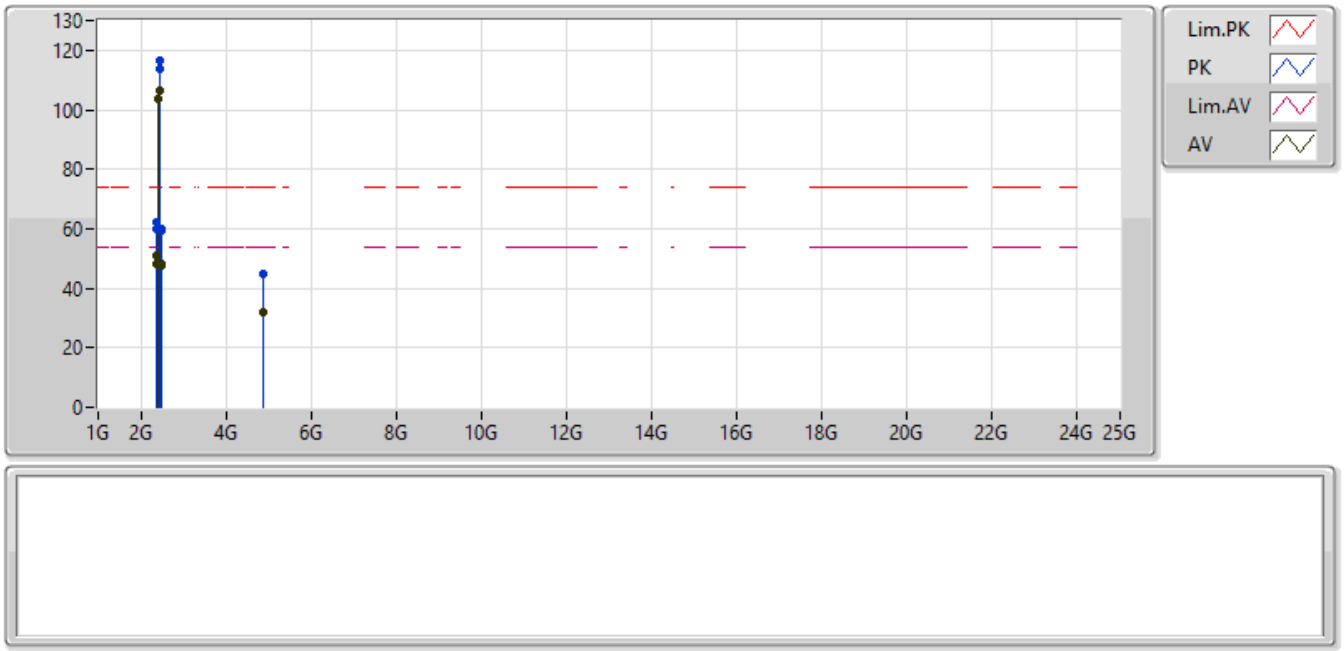


20161028
Eut Y 2TX N-TxBF (J5206)
Setting: 19
use old cmd
01-N-2

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.82784G	31.26	54.00	-22.74	3.26	3	H	319	1.55	-
PK	4.81734G	45.75	74.00	-28.25	3.24	3	H	319	1.55	-

802.11n HT20_Nss1,(MCS0)_2TX

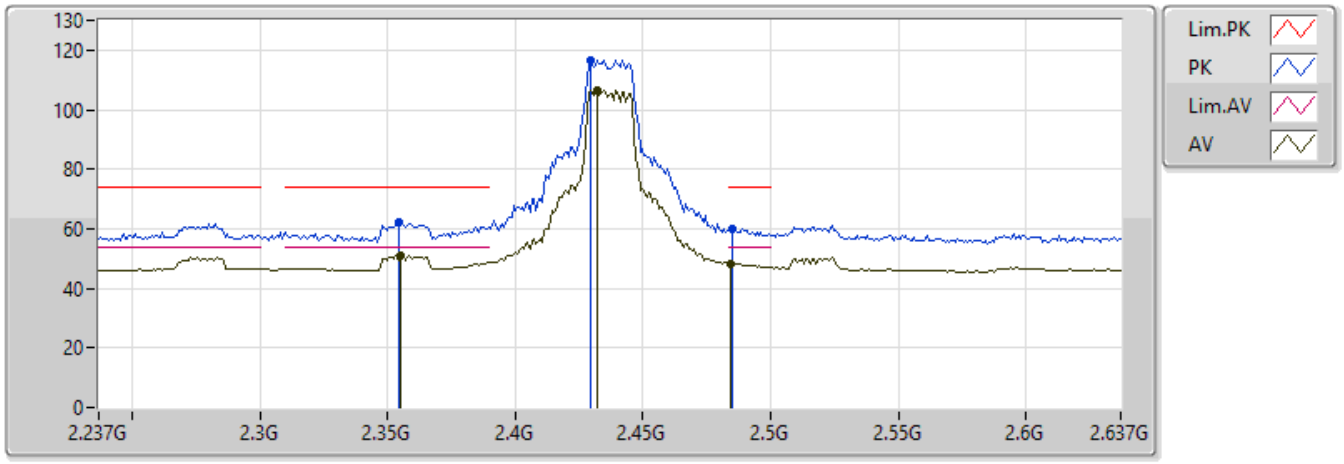
2437MHz_TX



Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.3602G	48.31	54.00	-5.69	33.16	3	H	170	1.89	-
AV	2.429G	103.52	Inf	-Inf	33.16	3	H	170	1.89	-
AV	2.4842G	47.42	54.00	-6.58	33.19	3	H	170	1.89	-
PK	2.389G	60.16	74.00	-13.84	33.15	3	H	170	1.89	-
PK	2.4314G	113.69	Inf	-Inf	33.16	3	H	170	1.89	-
PK	2.4866G	59.14	74.00	-14.86	33.19	3	H	170	1.89	-
AV	2.3554G	50.83	54.00	-3.17	33.16	3	V	89	2.95	-
AV	2.4322G	106.72	Inf	-Inf	33.16	3	V	89	2.95	-
AV	2.4842G	48.31	54.00	-5.69	33.19	3	V	89	2.95	-
PK	2.3546G	62.46	74.00	-11.54	33.16	3	V	89	2.95	-
PK	2.4298G	116.79	Inf	-Inf	33.16	3	V	89	2.95	-
PK	2.485G	60.08	74.00	-13.92	33.19	3	V	89	2.95	-
AV	4.8593G	31.88	54.00	-22.12	4.29	3	H	346	1.05	-
PK	4.86428G	44.65	74.00	-29.35	4.31	3	H	346	1.05	-
AV	4.859G	31.72	54.00	-22.28	4.29	3	V	97	1.60	-
PK	4.86812G	45.10	74.00	-28.90	4.32	3	V	97	1.60	-

802.11n HT20_Nss1,(MCS0)_2TX

2437MHz_TX

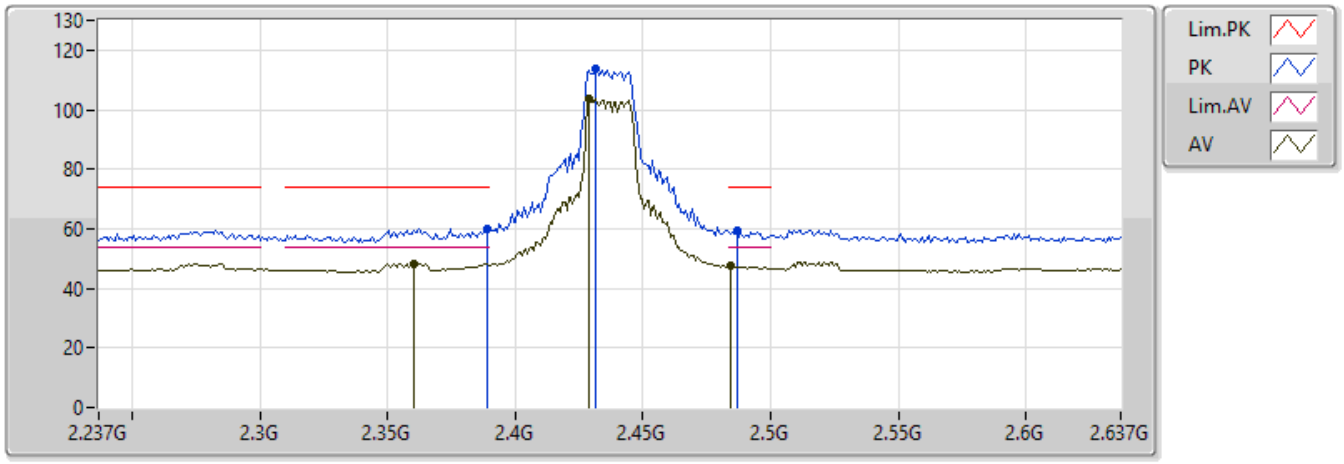


20170901
EUT Y_2TX
Setting 23
04-J-4
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.3554G	50.83	54.00	-3.17	33.16	3	V	89	2.95	-
AV	2.4322G	106.72	Inf	-Inf	33.16	3	V	89	2.95	-
AV	2.4842G	48.31	54.00	-5.69	33.19	3	V	89	2.95	-
PK	2.3546G	62.46	74.00	-11.54	33.16	3	V	89	2.95	-
PK	2.4298G	116.79	Inf	-Inf	33.16	3	V	89	2.95	-
PK	2.485G	60.08	74.00	-13.92	33.19	3	V	89	2.95	-

802.11n HT20_Nss1,(MCS0)_2TX

2437MHz_TX

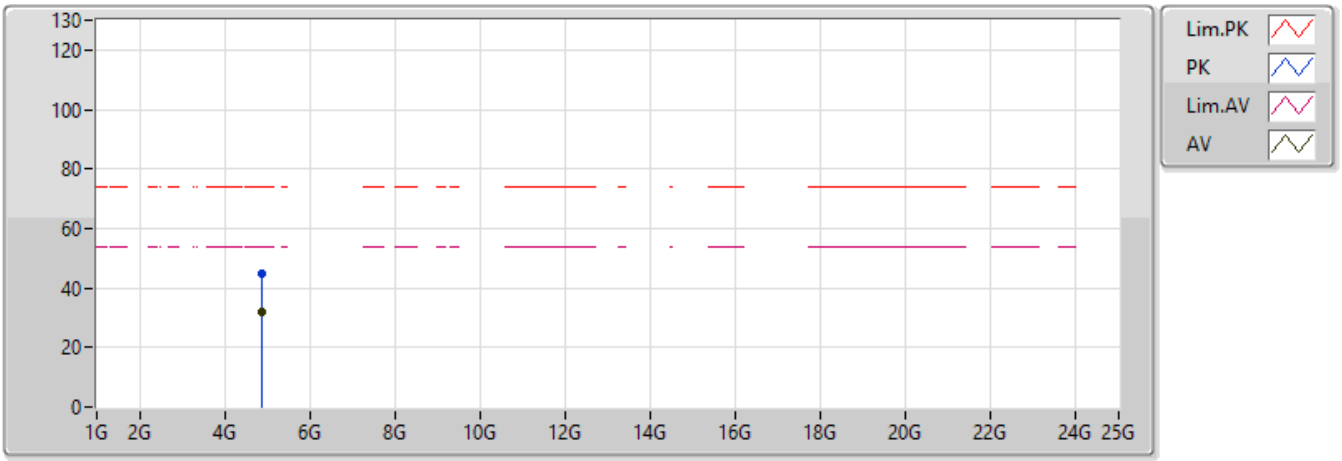


20170901
EUT Y_2TX
Setting 23
04-J-4
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.3602G	48.31	54.00	-5.69	33.16	3	H	170	1.89	-
AV	2.429G	103.52	Inf	-Inf	33.16	3	H	170	1.89	-
AV	2.4842G	47.42	54.00	-6.58	33.19	3	H	170	1.89	-
PK	2.389G	60.16	74.00	-13.84	33.15	3	H	170	1.89	-
PK	2.4314G	113.69	Inf	-Inf	33.16	3	H	170	1.89	-
PK	2.4866G	59.14	74.00	-14.86	33.19	3	H	170	1.89	-

802.11n HT20_Nss1,(MCS0)_2TX

2437MHz_TX

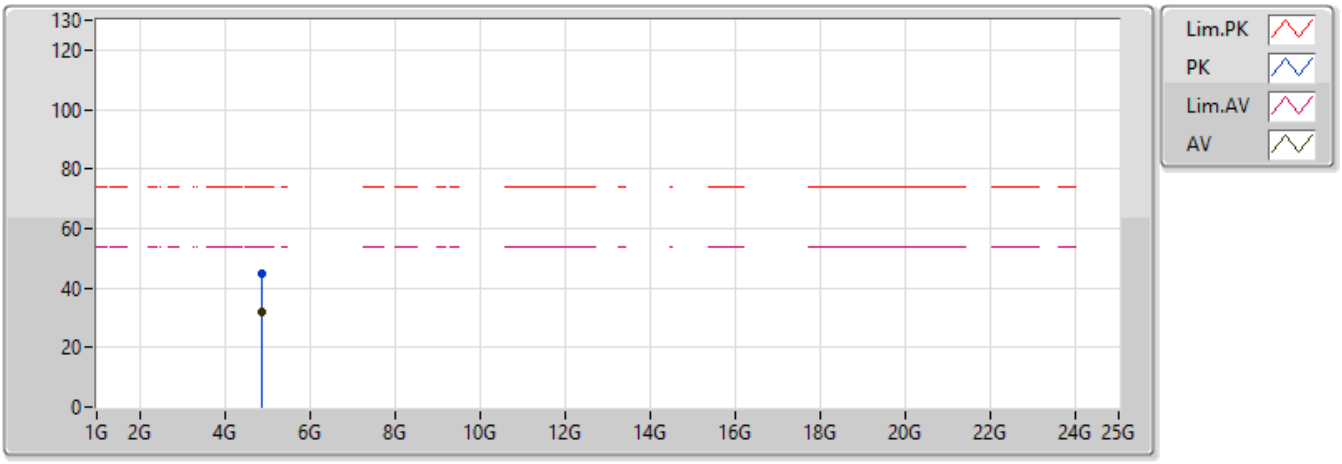


20170901
EUT Y_2TX
Setting 23
04-J-4
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.859G	31.72	54.00	-22.28	4.29	3	V	97	1.60	-
PK	4.86812G	45.10	74.00	-28.90	4.32	3	V	97	1.60	-

802.11n HT20_Nss1,(MCS0)_2TX

2437MHz_TX

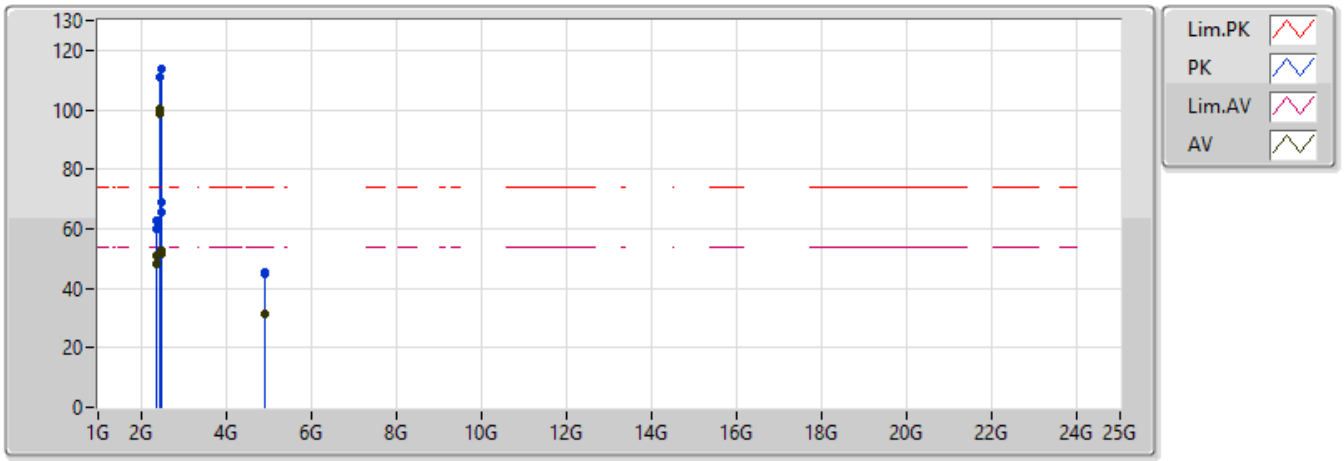


20170901
EUT Y_2TX
Setting 23
04-J-4
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.8593G	31.88	54.00	-22.12	4.29	3	H	346	1.05	-
PK	4.86428G	44.65	74.00	-29.35	4.31	3	H	346	1.05	-

802.11n HT20_Nss1,(MCS0)_2TX

2462MHz_TX

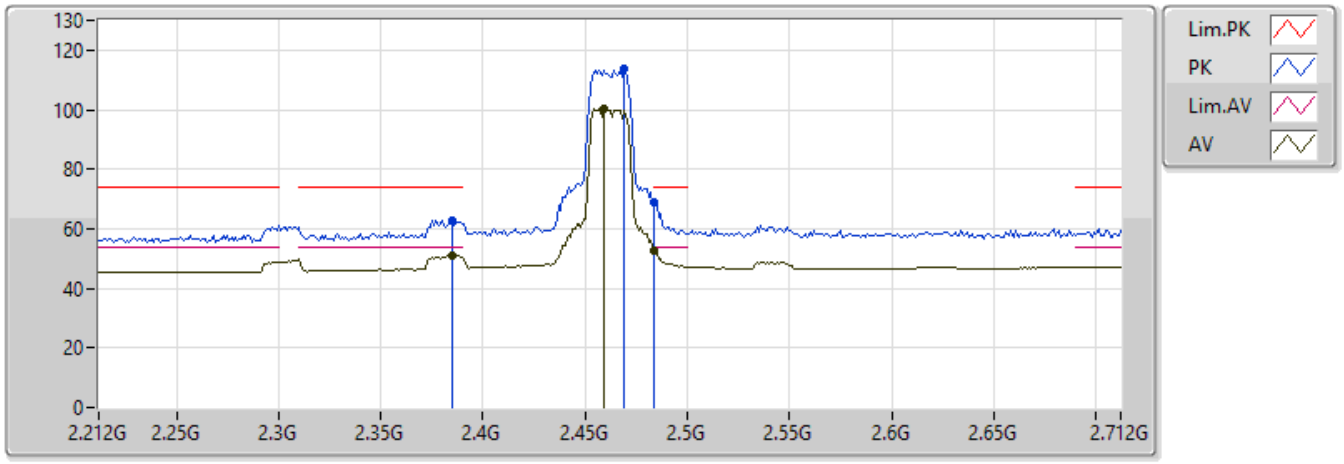


20161028
Eut Y 2TX N-TxBF (J5206)
Setting: 18
use old cmd
01-N-2

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.384G	48.12	54.00	-5.88	30.89	3	H	156	2.79	-
AV	2.456G	98.51	Inf	-Inf	30.86	3	H	156	2.79	-
AV	2.484G	51.28	54.00	-2.72	30.85	3	H	156	2.79	-
PK	2.387G	59.98	74.00	-14.02	30.89	3	H	156	2.79	-
PK	2.455G	111.09	Inf	-Inf	30.86	3	H	156	2.79	-
PK	2.486G	65.38	74.00	-8.62	30.85	3	H	156	2.79	-
AV	2.385G	50.88	54.00	-3.12	30.89	3	V	94	2.17	-
AV	2.459G	100.32	Inf	-Inf	30.86	3	V	94	2.17	-
AV	2.484G	52.83	54.00	-1.17	30.85	3	V	94	2.17	-
PK	2.385G	63.00	74.00	-11.00	30.89	3	V	94	2.17	-
PK	2.469G	113.47	Inf	-Inf	30.85	3	V	94	2.17	-
PK	2.484G	68.93	74.00	-5.07	30.85	3	V	94	2.17	-
AV	4.9332G	31.19	54.00	-22.81	3.45	3	H	224	1.71	-
PK	4.917G	45.53	74.00	-28.47	3.42	3	H	224	1.71	-
AV	4.9244G	31.20	54.00	-22.80	3.43	3	V	43	2.30	-
PK	4.91968G	45.02	74.00	-28.98	3.43	3	V	43	2.30	-

802.11n HT20_Nss1,(MCS0)_2TX

2462MHz_TX

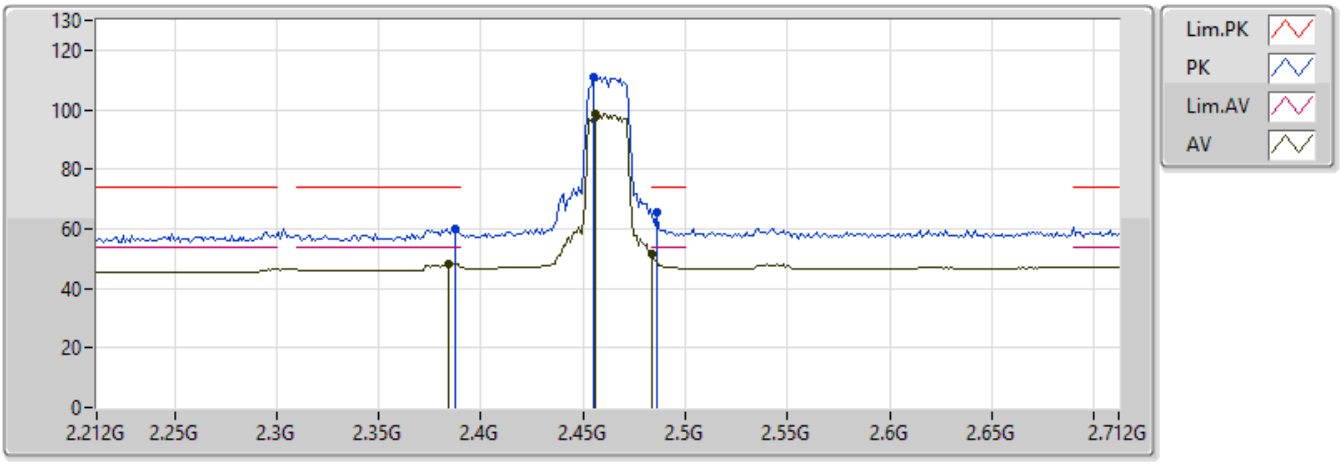


20161028
Eut Y 2TX N-TxBF (J5206)
Setting: 18
use old cmd
01-N-2

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.385G	50.88	54.00	-3.12	30.89	3	V	94	2.17	-
AV	2.459G	100.32	Inf	-Inf	30.86	3	V	94	2.17	-
AV	2.484G	52.83	54.00	-1.17	30.85	3	V	94	2.17	-
PK	2.385G	63.00	74.00	-11.00	30.89	3	V	94	2.17	-
PK	2.469G	113.47	Inf	-Inf	30.85	3	V	94	2.17	-
PK	2.484G	68.93	74.00	-5.07	30.85	3	V	94	2.17	-

802.11n HT20_Nss1,(MCS0)_2TX

2462MHz_TX

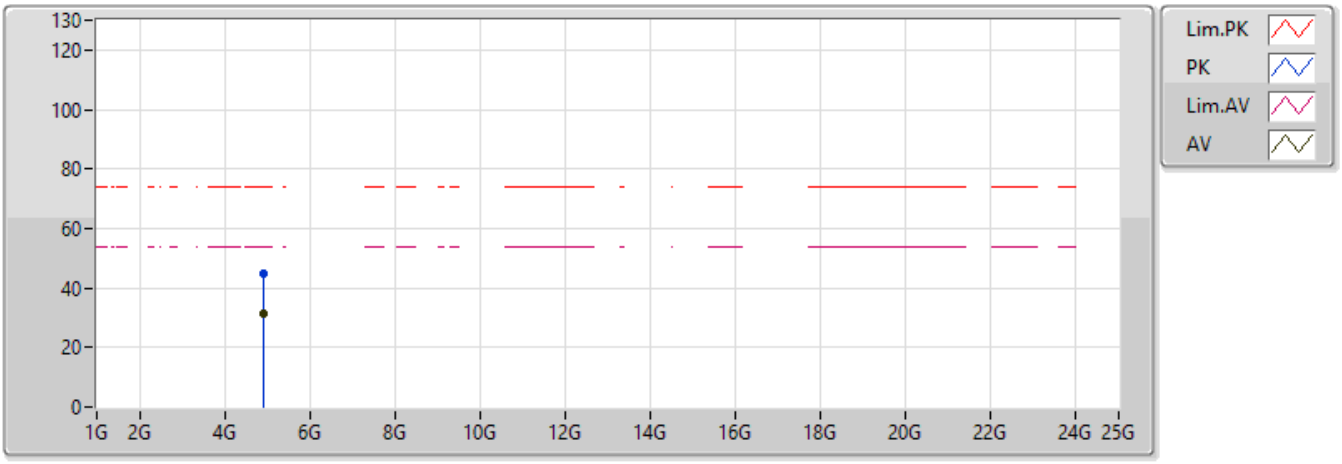


20161028
Eut Y 2TX N-TxBF (J5206)
Setting: 18
use old cmd
01-N-2

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.384G	48.12	54.00	-5.88	30.89	3	H	156	2.79	-
AV	2.456G	98.51	Inf	-Inf	30.86	3	H	156	2.79	-
AV	2.484G	51.28	54.00	-2.72	30.85	3	H	156	2.79	-
PK	2.387G	59.98	74.00	-14.02	30.89	3	H	156	2.79	-
PK	2.455G	111.09	Inf	-Inf	30.86	3	H	156	2.79	-
PK	2.486G	65.38	74.00	-8.62	30.85	3	H	156	2.79	-

802.11n HT20_Nss1,(MCS0)_2TX

2462MHz_TX

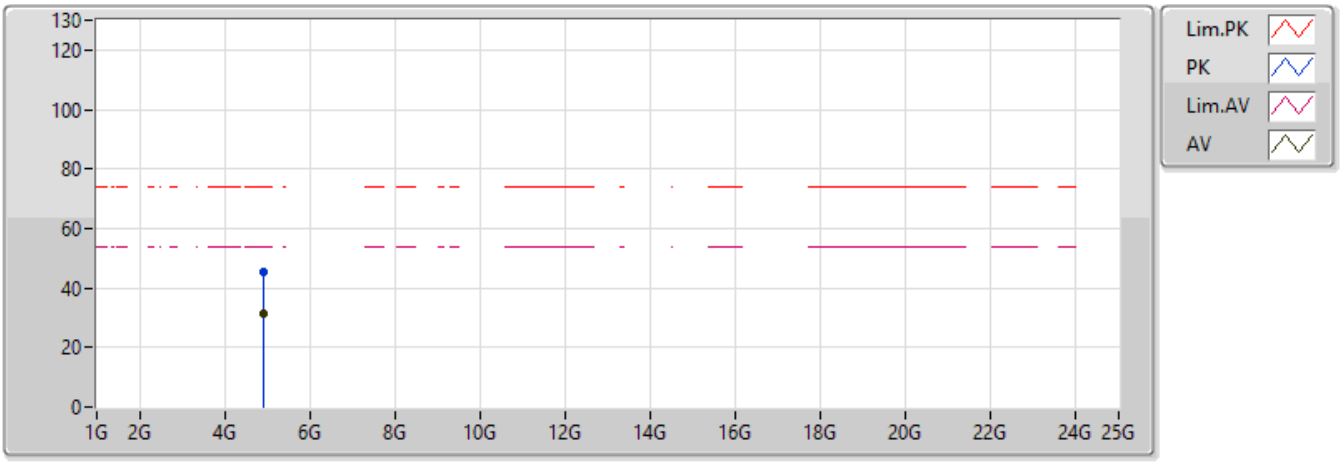


20161028
Eut Y 2TX N-TxBF (J5206)
Setting: 18
use old cmd
01-N-2

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.9244G	31.20	54.00	-22.80	3.43	3	V	43	2.30	-
PK	4.91968G	45.02	74.00	-28.98	3.43	3	V	43	2.30	-

802.11n HT20_Nss1,(MCS0)_2TX

2462MHz_TX

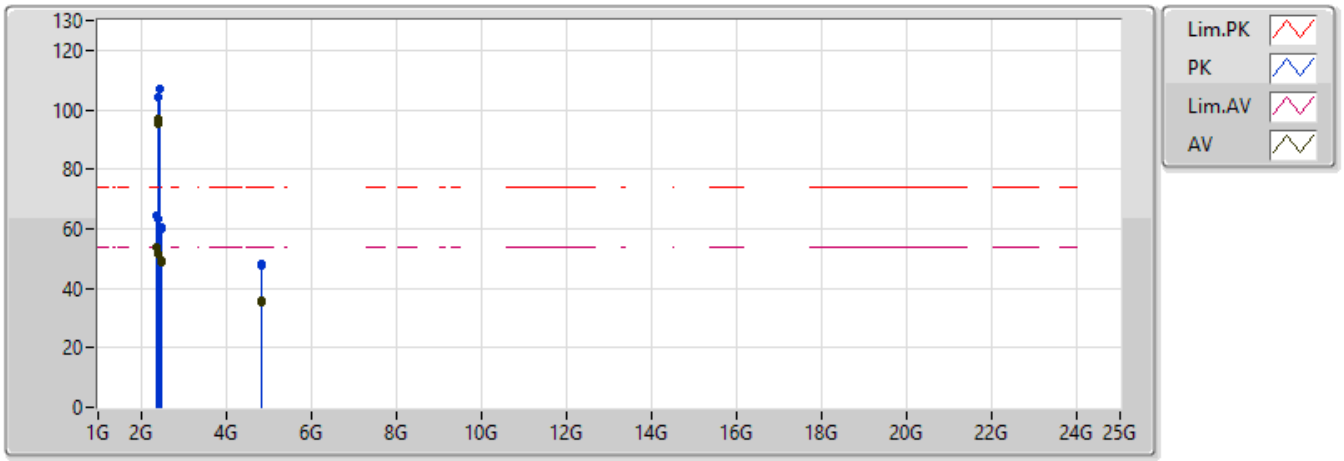


20161028
Eut Y 2TX N-TxBF (J5206)
Setting: 18
use old cmd
01-N-2

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.9332G	31.19	54.00	-22.81	3.45	3	H	224	1.71	-
PK	4.917G	45.53	74.00	-28.47	3.42	3	H	224	1.71	-

802.11n HT40_Nss1,(MCS0)_2TX

2422MHz_TX

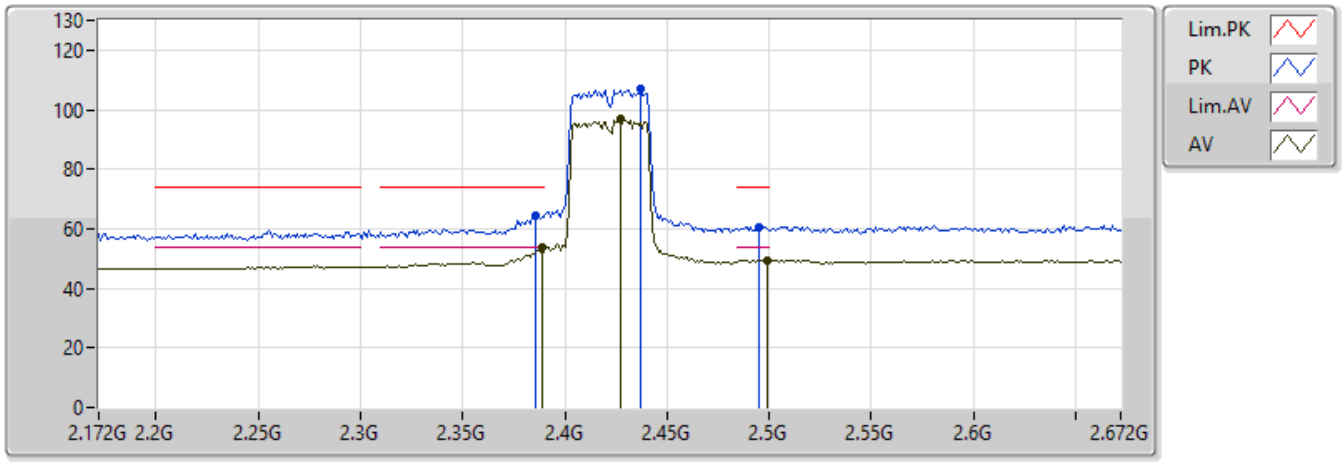


20161116
Eut Y 2TX N-TxBF
Setting: 15
06-S-6

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.39G	51.74	54.00	-2.26	31.96	3	H	173	2.89	-
AV	2.429G	95.10	Inf	-Inf	32.09	3	H	173	2.89	-
AV	2.486G	48.90	54.00	-5.10	32.26	3	H	173	2.89	-
PK	2.39G	63.09	74.00	-10.91	31.96	3	H	173	2.89	-
PK	2.428G	104.15	Inf	-Inf	32.08	3	H	173	2.89	-
PK	2.486G	59.88	74.00	-14.12	32.26	3	H	173	2.89	-
AV	2.389G	53.72	54.00	-0.28	31.96	3	V	100	1.50	-
AV	2.427G	96.82	Inf	-Inf	32.08	3	V	100	1.50	-
AV	2.499G	49.51	54.00	-4.49	32.30	3	V	100	1.50	-
PK	2.386G	64.38	74.00	-9.62	31.95	3	V	100	1.50	-
PK	2.437G	106.97	Inf	-Inf	32.11	3	V	100	1.50	-
PK	2.495G	60.72	74.00	-13.28	32.28	3	V	100	1.50	-
AV	4.844784G	35.09	54.00	-18.91	7.25	3	H	275	1.88	-
PK	4.843032G	48.05	74.00	-25.95	7.25	3	H	275	1.88	-
AV	4.844668G	35.65	54.00	-18.35	7.25	3	V	78	1.84	-
PK	4.844728G	47.72	74.00	-26.28	7.25	3	V	78	1.84	-

802.11n HT40_Nss1,(MCS0)_2TX

2422MHz_TX

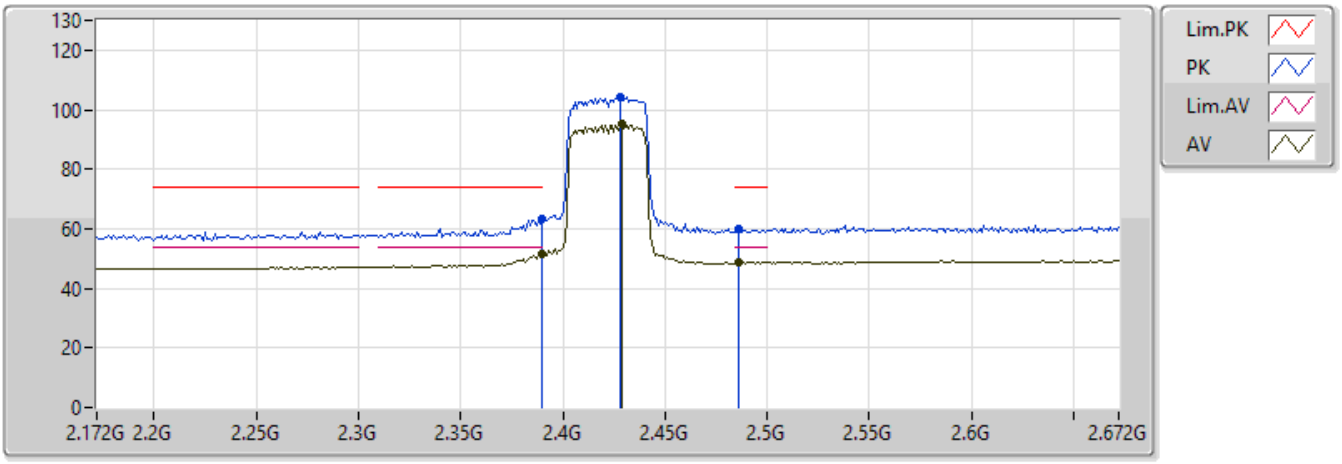


20161116
Eut Y 2TX N-TxBF
Setting: 15
06-S-6

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.389G	53.72	54.00	-0.28	31.96	3	V	100	1.50	-
AV	2.427G	96.82	Inf	-Inf	32.08	3	V	100	1.50	-
AV	2.499G	49.51	54.00	-4.49	32.30	3	V	100	1.50	-
PK	2.386G	64.38	74.00	-9.62	31.95	3	V	100	1.50	-
PK	2.437G	106.97	Inf	-Inf	32.11	3	V	100	1.50	-
PK	2.495G	60.72	74.00	-13.28	32.28	3	V	100	1.50	-

802.11n HT40_Nss1,(MCS0)_2TX

2422MHz_TX

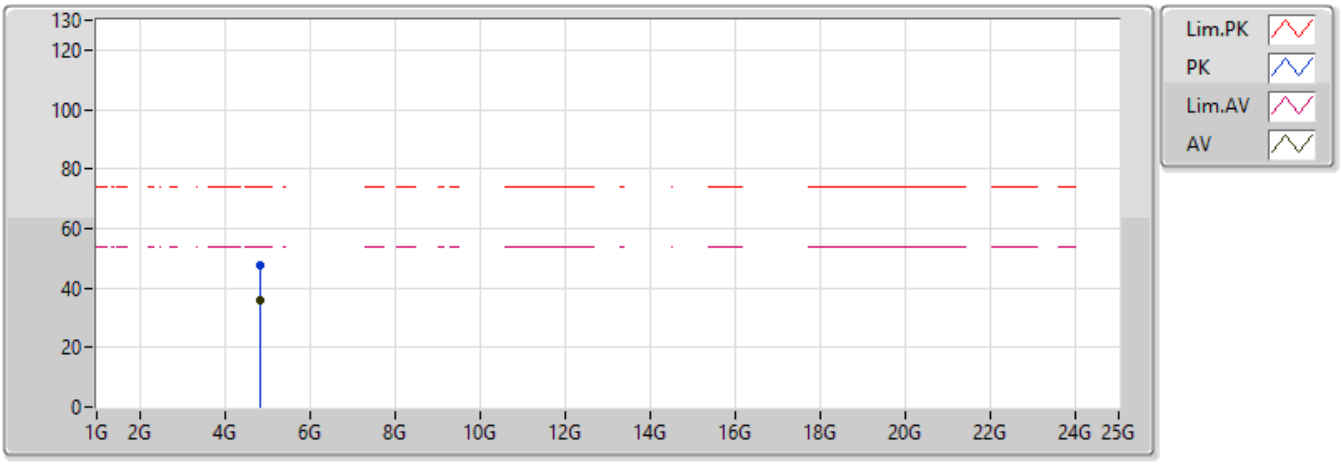


20161116
Eut Y 2TX N-TxBF
Setting: 15
06-S-6

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.39G	51.74	54.00	-2.26	31.96	3	H	173	2.89	-
AV	2.429G	95.10	Inf	-Inf	32.09	3	H	173	2.89	-
AV	2.486G	48.90	54.00	-5.10	32.26	3	H	173	2.89	-
PK	2.39G	63.09	74.00	-10.91	31.96	3	H	173	2.89	-
PK	2.428G	104.15	Inf	-Inf	32.08	3	H	173	2.89	-
PK	2.486G	59.88	74.00	-14.12	32.26	3	H	173	2.89	-

802.11n HT40_Nss1,(MCS0)_2TX

2422MHz_TX

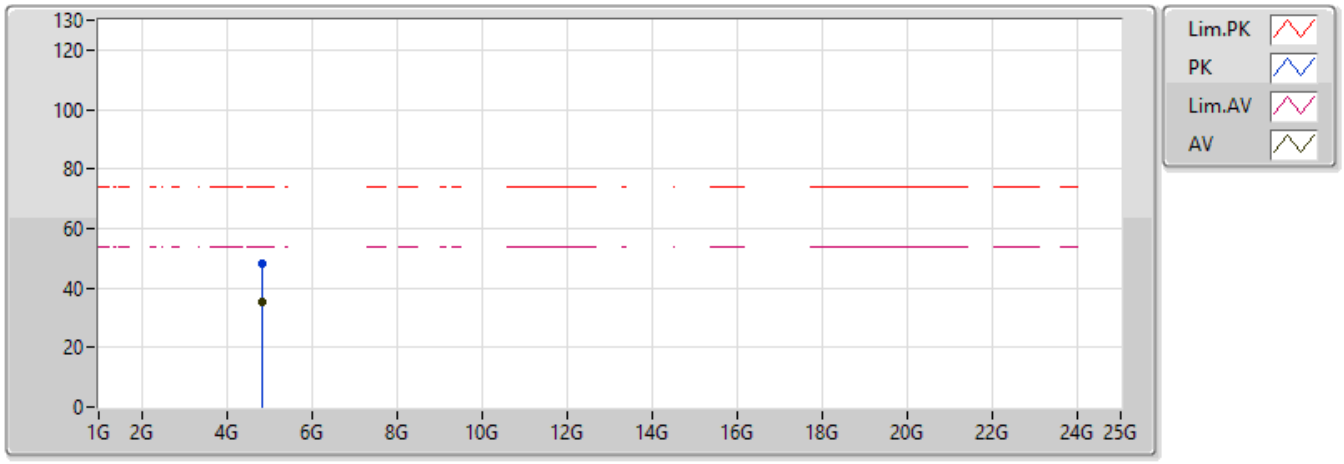


20161116
Eut Y 2TX N-TxBF
Setting: 15
06-S-6

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.844668G	35.65	54.00	-18.35	7.25	3	V	78	1.84	-
PK	4.844728G	47.72	74.00	-26.28	7.25	3	V	78	1.84	-

802.11n HT40_Nss1,(MCS0)_2TX

2422MHz_TX

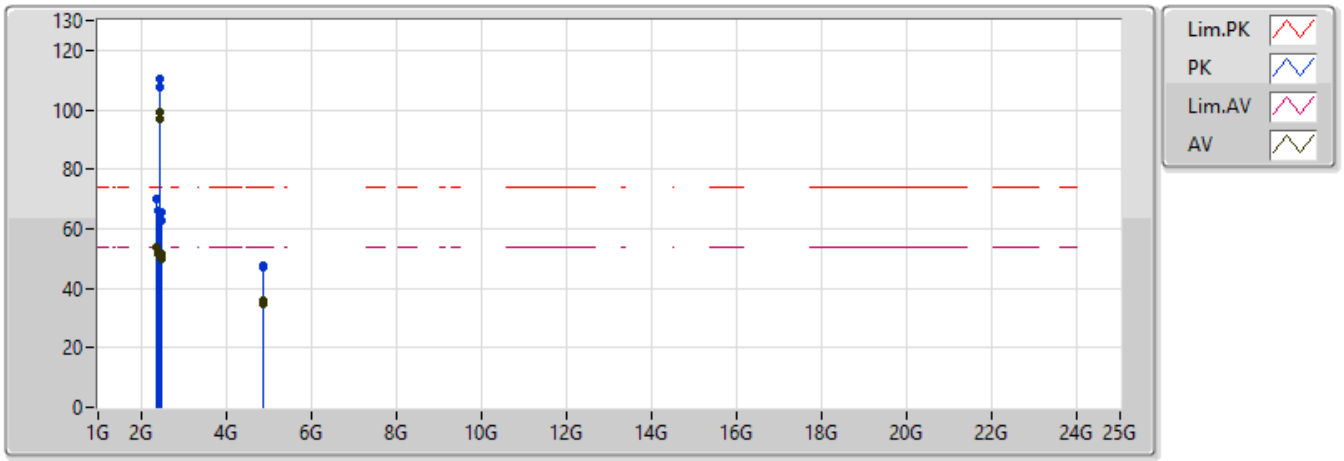


20161116
Eut Y 2TX N-TxBF
Setting: 15
06-S-6

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.844784G	35.09	54.00	-18.91	7.25	3	H	275	1.88	-
PK	4.843032G	48.05	74.00	-25.95	7.25	3	H	275	1.88	-

802.11n HT40_Nss1,(MCS0)_2TX

2437MHz_TX

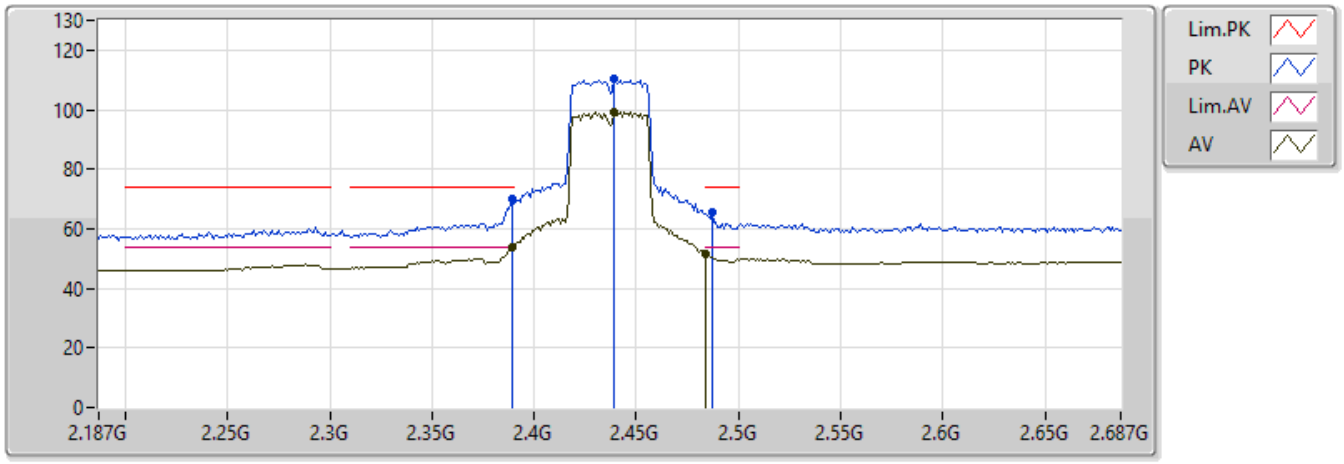


20161116
Eut Y 2TX N-TxBF
Setting: 19
06-S-6

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.39G	51.78	54.00	-2.22	31.96	3	H	162	2.89	-
AV	2.431G	97.13	Inf	-Inf	32.09	3	H	162	2.89	-
AV	2.484G	49.62	54.00	-4.38	32.25	3	H	162	2.89	-
PK	2.39G	66.01	74.00	-7.99	31.96	3	H	162	2.89	-
PK	2.431G	107.59	Inf	-Inf	32.09	3	H	162	2.89	-
PK	2.484G	62.62	74.00	-11.38	32.25	3	H	162	2.89	-
AV	2.389G	53.63	54.00	-0.37	31.96	3	V	97	1.78	-
AV	2.439G	99.11	Inf	-Inf	32.12	3	V	97	1.78	-
AV	2.484G	51.68	54.00	-2.32	32.25	3	V	97	1.78	-
PK	2.389G	69.86	74.00	-4.14	31.96	3	V	97	1.78	-
PK	2.439G	110.62	Inf	-Inf	32.12	3	V	97	1.78	-
PK	2.487G	65.38	74.00	-8.62	32.26	3	V	97	1.78	-
AV	4.874748G	34.55	54.00	-19.45	7.34	3	H	339	1.67	-
PK	4.87338G	47.87	74.00	-26.13	7.34	3	H	339	1.67	-
AV	4.873016G	35.75	54.00	-18.25	7.34	3	V	221	1.80	-
PK	4.87464G	47.17	74.00	-26.83	7.34	3	V	221	1.80	-

802.11n HT40_Nss1,(MCS0)_2TX

2437MHz_TX

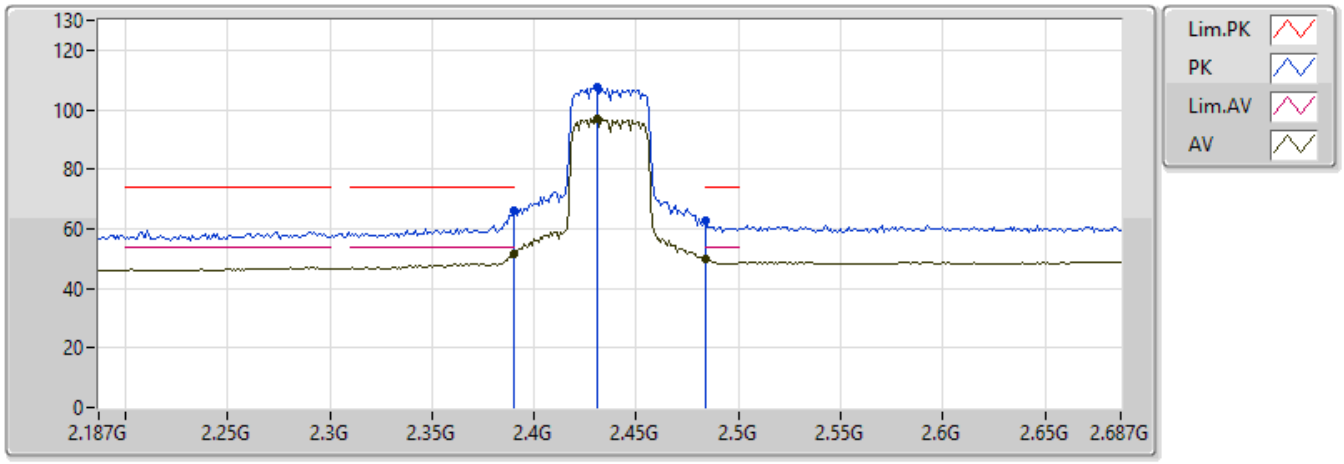


20161116
Eut Y 2TX N-TxBF
Setting: 19
06-S-6

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.389G	53.63	54.00	-0.37	31.96	3	V	97	1.78	-
AV	2.439G	99.11	Inf	-Inf	32.12	3	V	97	1.78	-
AV	2.484G	51.68	54.00	-2.32	32.25	3	V	97	1.78	-
PK	2.389G	69.86	74.00	-4.14	31.96	3	V	97	1.78	-
PK	2.439G	110.62	Inf	-Inf	32.12	3	V	97	1.78	-
PK	2.487G	65.38	74.00	-8.62	32.26	3	V	97	1.78	-

802.11n HT40_Nss1,(MCS0)_2TX

2437MHz_TX

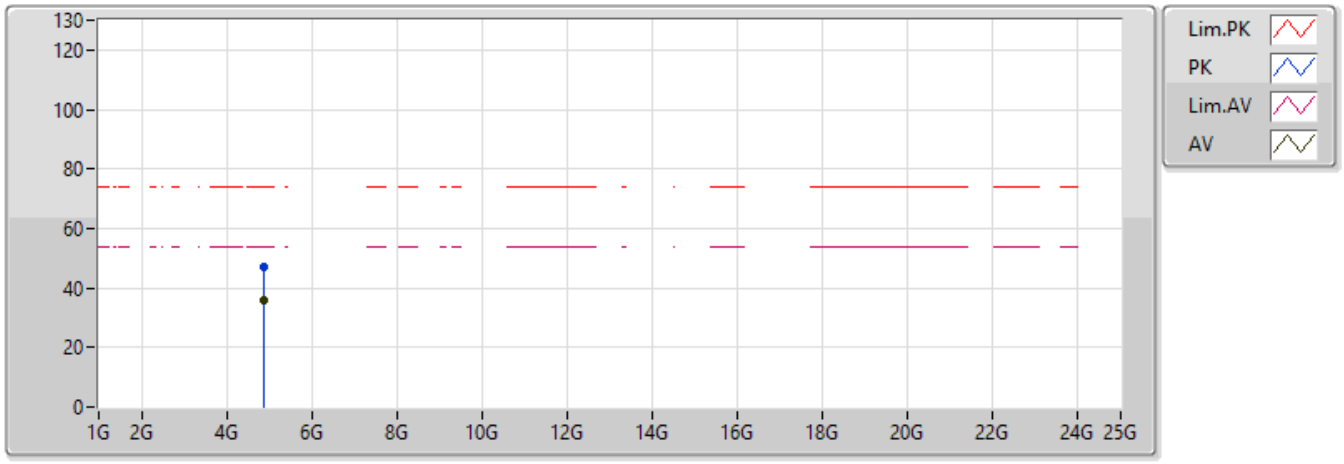


20161116
Eut Y 2TX N-TxBF
Setting: 19
06-S-6

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.39G	51.78	54.00	-2.22	31.96	3	H	162	2.89	-
AV	2.431G	97.13	Inf	-Inf	32.09	3	H	162	2.89	-
AV	2.484G	49.62	54.00	-4.38	32.25	3	H	162	2.89	-
PK	2.39G	66.01	74.00	-7.99	31.96	3	H	162	2.89	-
PK	2.431G	107.59	Inf	-Inf	32.09	3	H	162	2.89	-
PK	2.484G	62.62	74.00	-11.38	32.25	3	H	162	2.89	-

802.11n HT40_Nss1,(MCS0)_2TX

2437MHz_TX

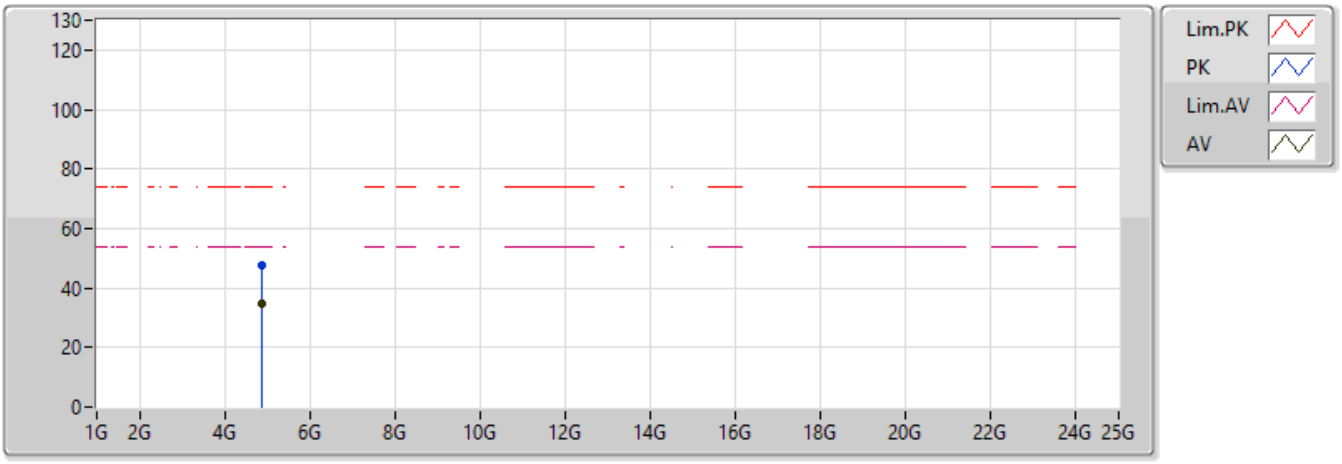


20161116
Eut Y 2TX N-TxBF
Setting: 19
06-S-6

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.873016G	35.75	54.00	-18.25	7.34	3	V	221	1.80	-
PK	4.87464G	47.17	74.00	-26.83	7.34	3	V	221	1.80	-

802.11n HT40_Nss1,(MCS0)_2TX

2437MHz_TX

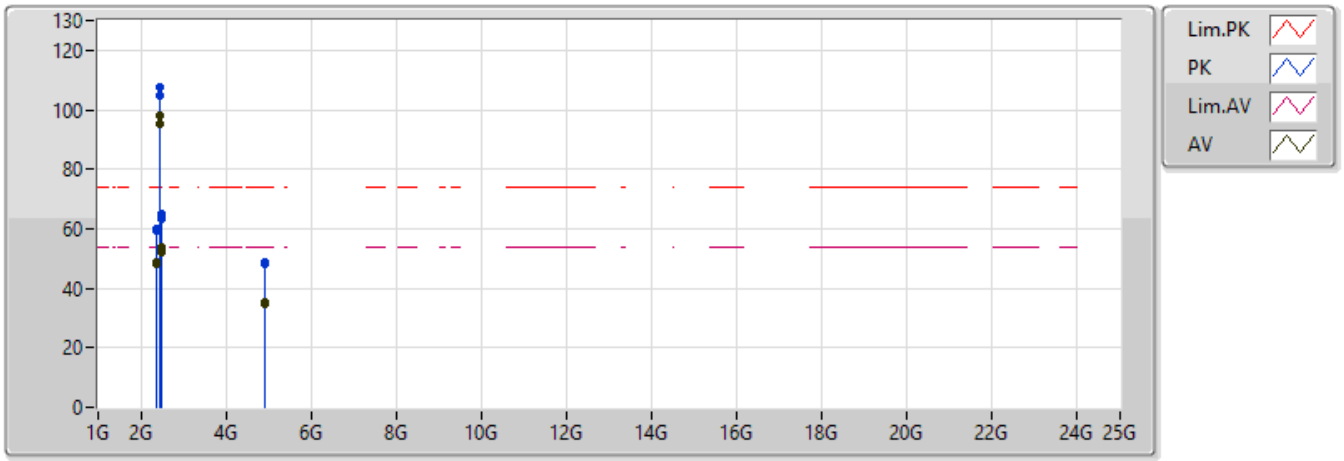


20161116
Eut Y 2TX N-TxBF
Setting: 19
06-S-6

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.874748G	34.55	54.00	-19.45	7.34	3	H	339	1.67	-
PK	4.87338G	47.87	74.00	-26.13	7.34	3	H	339	1.67	-

802.11n HT40_Nss1,(MCS0)_2TX

2452MHz_TX

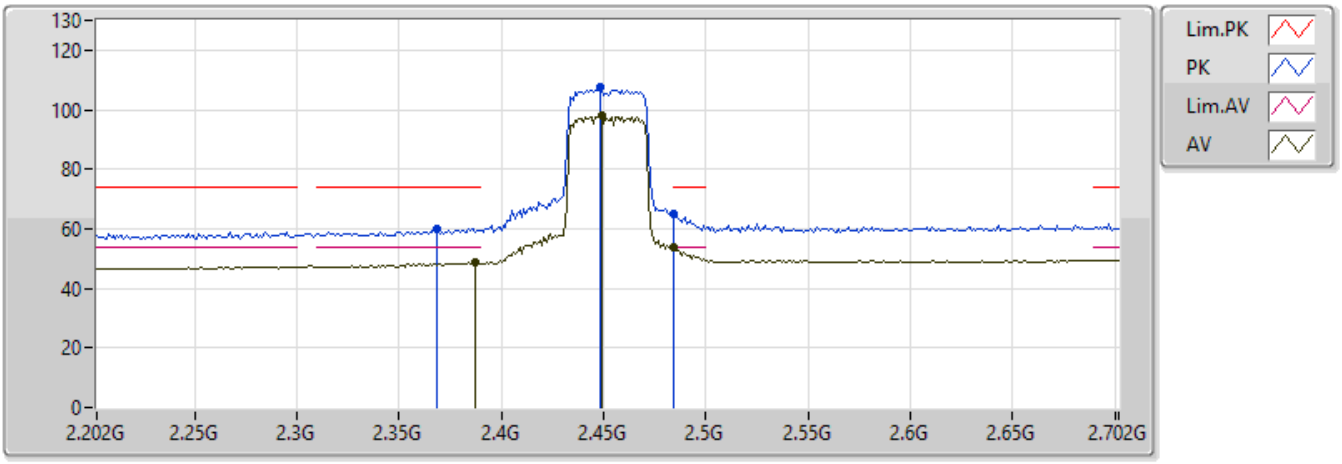


20161116
Eut Y 2TX N-TxBF
Setting: 16
06-S-6

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.386G	48.19	54.00	-5.81	31.95	3	H	319	2.00	-
AV	2.46G	95.28	Inf	-Inf	32.18	3	H	319	2.00	-
AV	2.485G	51.89	54.00	-2.11	32.26	3	H	319	2.00	-
PK	2.359G	59.43	74.00	-14.57	31.85	3	H	319	2.00	-
PK	2.446G	104.60	Inf	-Inf	32.14	3	H	319	2.00	-
PK	2.488G	63.17	74.00	-10.83	32.26	3	H	319	2.00	-
AV	2.387G	48.56	54.00	-5.44	31.95	3	V	277	1.55	-
AV	2.449G	97.84	Inf	-Inf	32.15	3	V	277	1.55	-
AV	2.484G	53.63	54.00	-0.37	32.25	3	V	277	1.55	-
PK	2.368G	60.11	74.00	-13.89	31.88	3	V	277	1.55	-
PK	2.448G	107.33	Inf	-Inf	32.14	3	V	277	1.55	-
PK	2.484G	65.19	74.00	-8.81	32.25	3	V	277	1.55	-
AV	4.90118G	34.84	54.00	-19.16	7.42	3	H	295	1.57	-
PK	4.90682G	48.27	74.00	-25.73	7.44	3	H	295	1.57	-
AV	4.903324G	35.17	54.00	-18.83	7.43	3	V	115	1.76	-
PK	4.903112G	48.70	74.00	-25.30	7.43	3	V	115	1.76	-

802.11n HT40_Nss1,(MCS0)_2TX

2452MHz_TX

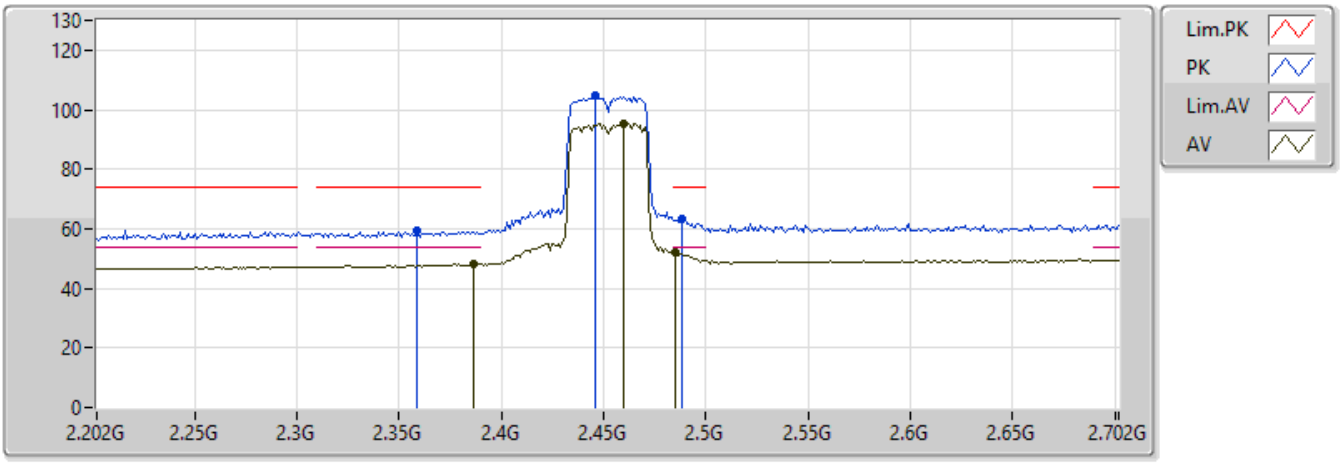


20161116
Eut Y 2TX N-TxBF
Setting: 16
06-S-6

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.387G	48.56	54.00	-5.44	31.95	3	V	277	1.55	-
AV	2.449G	97.84	Inf	-Inf	32.15	3	V	277	1.55	-
AV	2.484G	53.63	54.00	-0.37	32.25	3	V	277	1.55	-
PK	2.368G	60.11	74.00	-13.89	31.88	3	V	277	1.55	-
PK	2.448G	107.33	Inf	-Inf	32.14	3	V	277	1.55	-
PK	2.484G	65.19	74.00	-8.81	32.25	3	V	277	1.55	-

802.11n HT40_Nss1,(MCS0)_2TX

2452MHz_TX

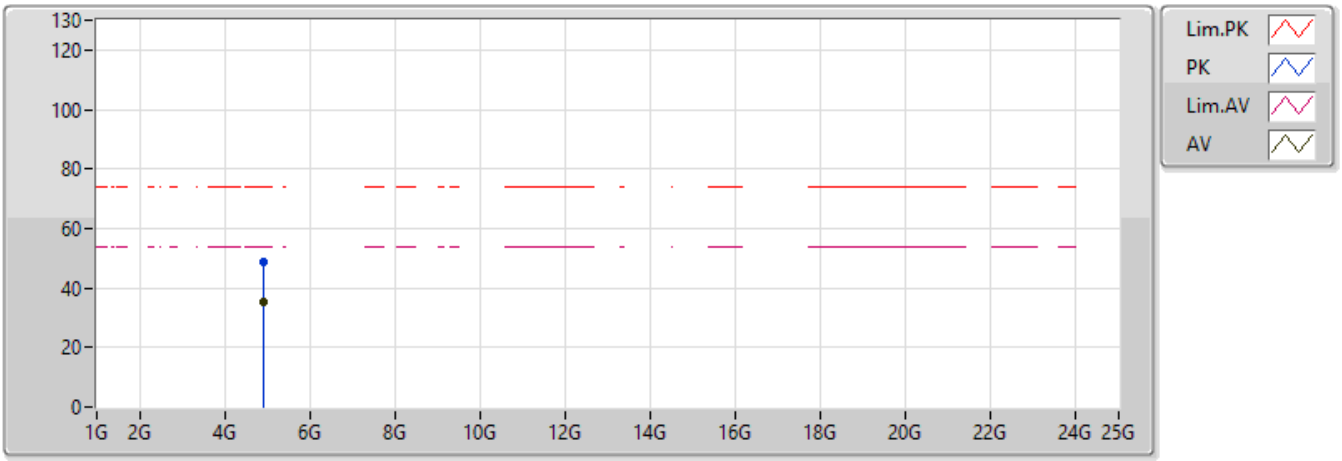


20161116
Eut Y 2TX N-TxBF
Setting: 16
06-S-6

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.386G	48.19	54.00	-5.81	31.95	3	H	319	2.00	-
AV	2.46G	95.28	Inf	-Inf	32.18	3	H	319	2.00	-
AV	2.485G	51.89	54.00	-2.11	32.26	3	H	319	2.00	-
PK	2.359G	59.43	74.00	-14.57	31.85	3	H	319	2.00	-
PK	2.446G	104.60	Inf	-Inf	32.14	3	H	319	2.00	-
PK	2.488G	63.17	74.00	-10.83	32.26	3	H	319	2.00	-

802.11n HT40_Nss1,(MCS0)_2TX

2452MHz_TX

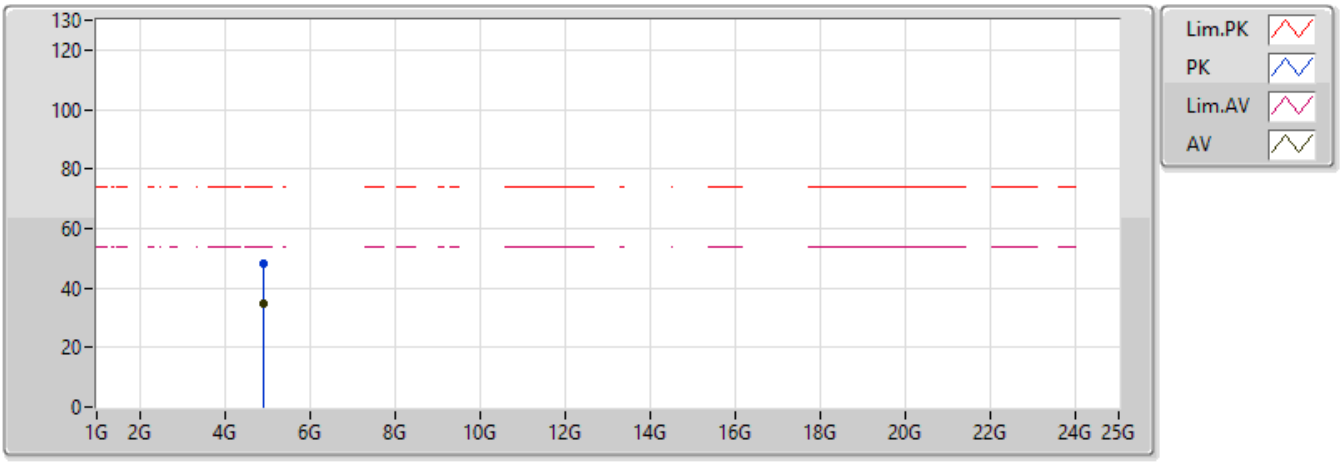


20161116
Eut Y 2TX N-TxBF
Setting: 16
06-S-6

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.903324G	35.17	54.00	-18.83	7.43	3	V	115	1.76	-
PK	4.903112G	48.70	74.00	-25.30	7.43	3	V	115	1.76	-

802.11n HT40_Nss1,(MCS0)_2TX

2452MHz_TX



20161116
Eut Y 2TX N-TxBF
Setting: 16
06-S-6

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.90118G	34.84	54.00	-19.16	7.42	3	H	295	1.57	-
PK	4.90682G	48.27	74.00	-25.73	7.44	3	H	295	1.57	-