



FCC Test Report

Equipment : BLE Mini Hybrid Watch
Model No. : NDW4A, NDW4G, NDW4H, NDW4J, NDW4K
EMC sample S/N : MZ10FDV0PL, MZ10FDV0PW, MZ10LDV0ZZ,
MZ10LDV0ZT, MZ10LDV0RP, MZ10FDV1H5,
MZ10LDV0UA
Radiated sample S/N : MZ10FDV1C4, MZ10FDV1PD, MZ10FDV1Q0,
MZ10FDV1PG, MZ10FDV1TK, MZ10FDV1RE,
MZ10FDV1Q3
Conducted sample S/N : MZ10FDV160
FCC ID : UK7-NDW4A
Standard : 47 CFR FCC Part 15.247
Frequency : 2400 MHz – 2483.5 MHz
Function : Point-to-multipoint; Point-to-point
Applicant : Fossil Group, Inc.
901 S. Central Expressway Richardson TX 75080
USA
Manufacturer : Fossil Group, Inc.
901 S. Central Expressway Richardson TX 75080
USA

The product sample received on Jun. 05, 2017 and completely tested on Jun. 28, 2017. We, SPORTON, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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


Cliff Chang
SPORTON INTERNATIONAL INC.





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PHOTOGRAPHS OF EUT V01



Summary of Test Result

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

Note: It was supplied power by Battery for EUT; it's not necessary to apply to AC Power-line Conducted Emissions.

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	Bluetooth Mode	Ch. Frequency (MHz)	Channel Number
2400-2483.5	LE	2402-2480	0-39 [40]

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	BT-LE(1Mbps)	1	1TX

Note:

- ♦ Bluetooth LE uses a GFSK (1Mbps) modulation for DSSS.
- ♦ BWch is the channel separation
- ♦ Nss-Min is the minimum number of spatial streams.
- ♦ Nant is the number of outputs. e.g., 2(2, 3) means have 2 outputs for port 2 and port 3. 2 means have 2 outputs for port 1 and port 2.

1.1.2 Antenna Information

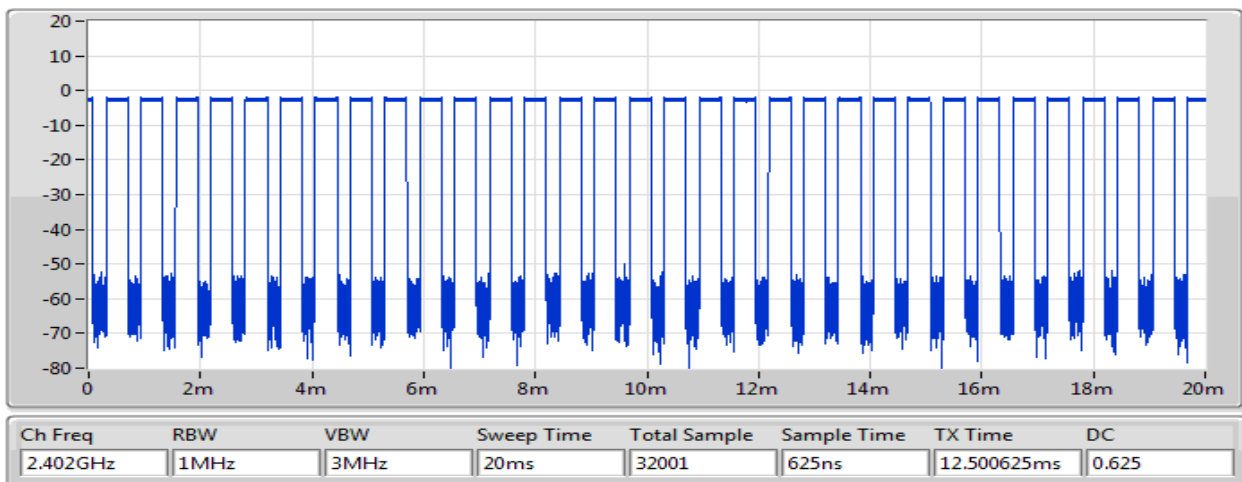
Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	-	-	Printed Antenna	N/A	-10

1.1.3 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
BT-LE(1Mbps)	0.625	2.041	390.625u	3k

Note: $10 \cdot \log(1/0.625) = 2.041$

DC;BT-LE;BWch:5



Note: Duty cycle = TX time/sweep time

1.1.4 EUT Operational Condition

EUT Power Type	Normal Link: From battery (3V) Continuous transmitting: From DC power supply
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1.1.5 Table for Multiple Listing

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

Model Name	Radiated sample S/N	EMC sample S/N	Material of Watch Band	EUT	Description
NDW4A	MZ10FDV1C4	MZ10FDV0PL	Leather	EUT 1	All the models are identical, the difference model names because of different outward appearance of EUT.
NDW4A	MZ10FDV1PD	MZ10FDV0PW	Metal	EUT 2	
NDW4G	MZ10FDV1Q0	MZ10LDV0ZZ	Leather	EUT 3	
NDW4H	MZ10FDV1PG	MZ10LDV0ZT	Metal	EUT 4	
NDW4J	MZ10FDV1TK	MZ10LDV0RP	Leather	EUT 5	
NDW4J	MZ10FDV1RE	MZ10FDV1H5	Metal	EUT 6	
NDW4K	MZ10FDV1Q3	MZ10LDV0UA	Metal	EUT 7	

Note 1: For Conducted measurement: From the above models, EUT 1 was selected as representative model for the test and its data was recorded in this report.

Note 2: For Radiated measurement: All EUTs were tested.

1.2 Testing Applied Standards

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

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

1.3 Testing Location Information

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

Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
RF Conducted	TH01-CB	Brian Sun / Eddie Weng	23°C / 55%	Jun. 12, 2017~Jun. 16, 2017
Radiated	03CH01-CB	Zero Chen / Welson Chen Mason Chen	22°C / 59%	Jun. 09, 2017~ Jun. 28, 2017

Test site Designation No. TW0006 with FCC.

Test site registered number IC 4086D with Industry Canada.

1.4 Measurement Uncertainty

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

Test Items	Uncertainty	Remark
Radiated Emission (30MHz ~ 1,000MHz)	3.6 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%
Output Power Measurement	1.33 dB	Confidence levels of 95%
Power Density Measurement	1.27 dB	Confidence levels of 95%
Bandwidth Measurement	9.74 x10 ⁻⁸	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Channel Mode

Mode	Power Setting
BT-LE(1Mbps)	-
2402MHz	Default
2440MHz	Default
2480MHz	Default

2.2 The Worst Case Measurement Configuration

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

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emissions in Restricted Frequency Bands
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode < 1GHz	Normal Link
1	EUT 1 in X axis
2	EUT 1 in Y axis
3	EUT 1 in Z axis
Mode 2 has been evaluated to be the worst case among Mode 1~3, thus measurement for Mode 4~9 will follow this same test mode.	
4	EUT 2 in Y axis
5	EUT 3 in Y axis
6	EUT 4 in Y axis
7	EUT 5 in Y axis
8	EUT 6 in Y axis
9	EUT 7 in Y axis
Mode 8 generated the worst test result, so it was recorded in this report.	



Operating Mode > 1GHz	CTX
The EUT was performed at X axis, Y axis and Z axis position. The worst case was found at Y axis for Mode 1 ~ Mode 7, thus measurement for all modes will follow this same test mode..	
1	EUT 1 in Y axis
2	EUT 2 in Y axis
3	EUT 3 in Y axis
4	EUT 4 in Y axis
5	EUT 5 in Y axis
6	EUT 6 in Y axis
7	EUT 7 in Y axis

2.3 EUT Operation during Test

For Normal Link:

During the test, the EUT operation to normal function.

For CTX Mode:

The EUT was programmed to be in continuously transmitting mode.

2.4 Accessories

N/A

2.5 Support Equipment

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

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
1	iPad	Apple	A1430	DoC

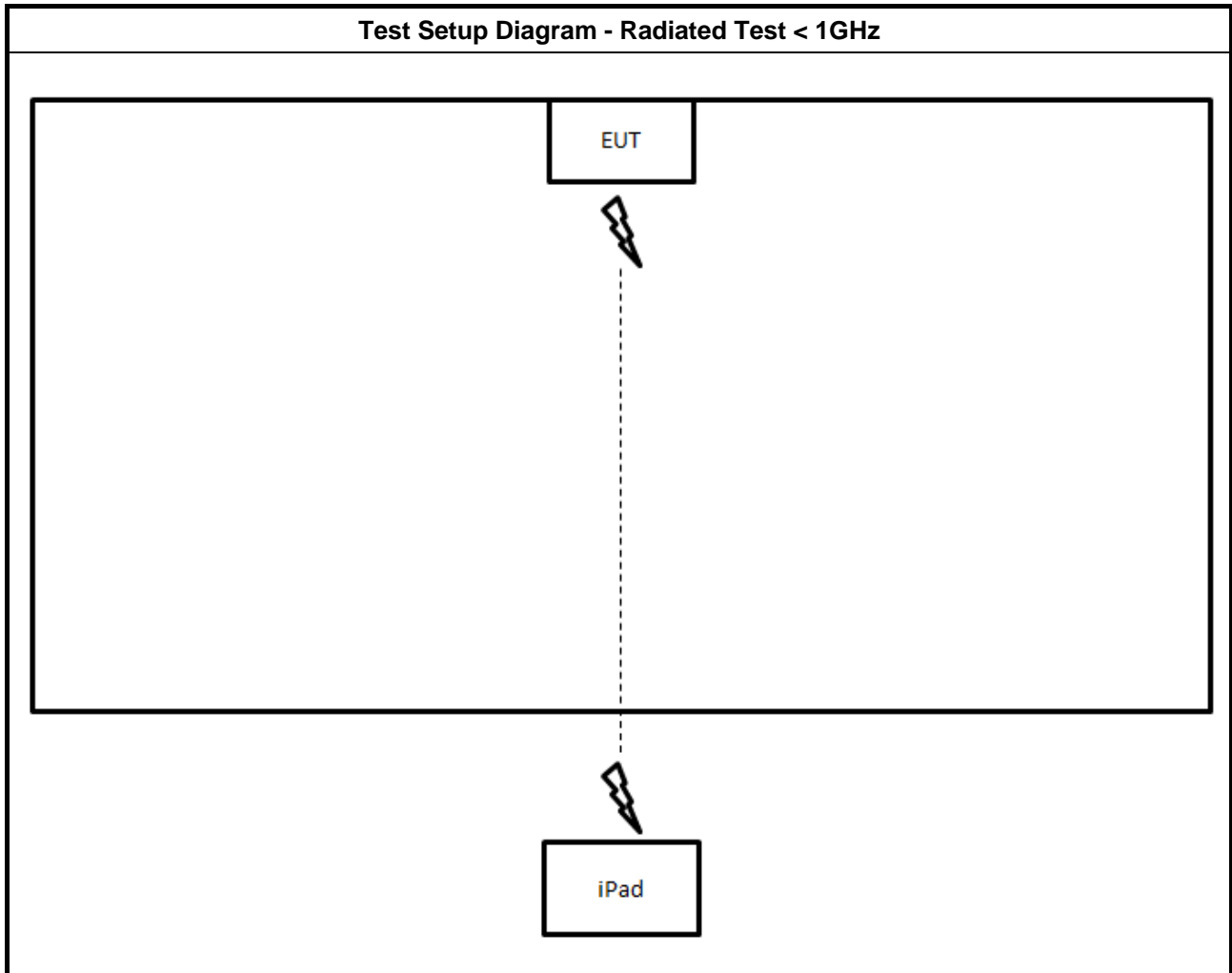
For Test Site No: 03CH01-CB (above 1GHz)

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
1	Power Supply	Advanced	LPS-305	N/A

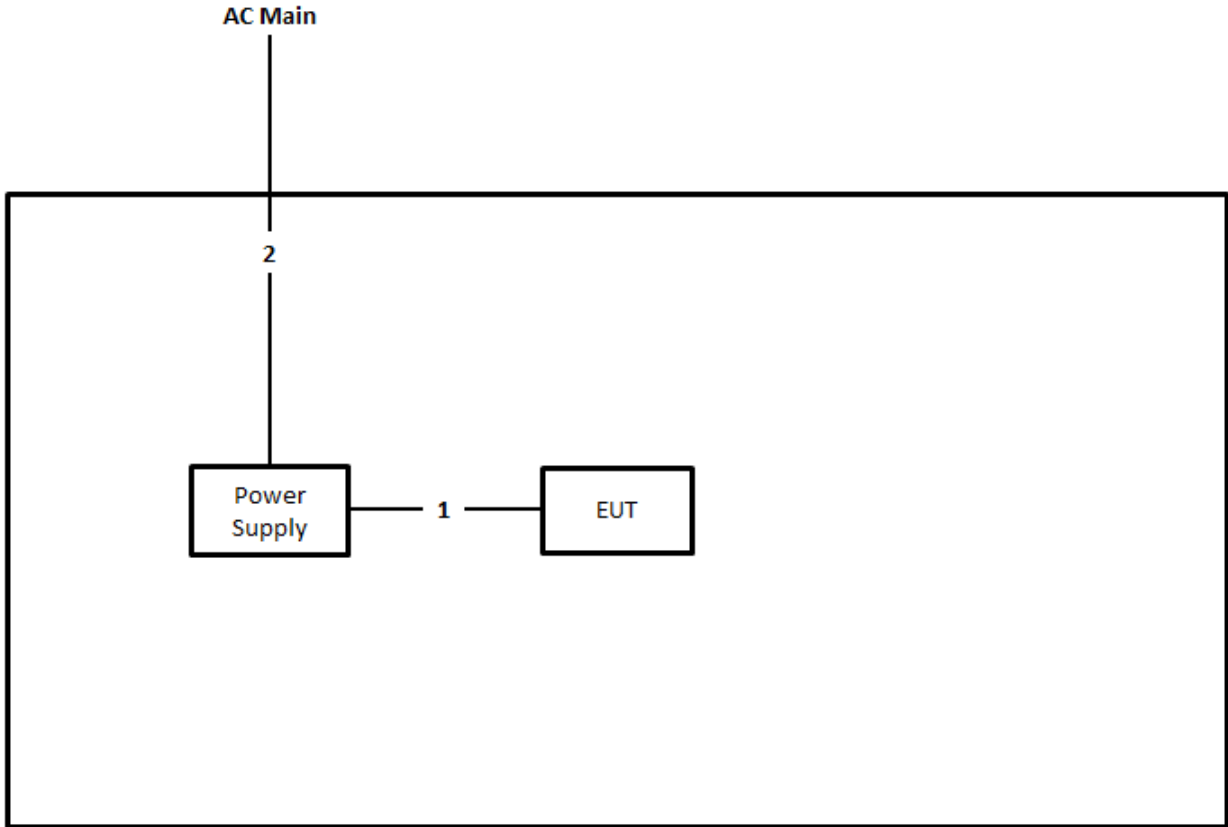
For Test Site No: TH01-CB

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
1	NB	DELL	E4300	DoC
2	Power Supply	Advanced	LPS-305	N/A

2.6 Test Setup Diagram



Test Setup Diagram - Radiated Test > 1GHz



Item	Connection	Shielded	Length
1	Crocodile clip	No	1m
2	Power cable	No	1.8m

3 Transmitter Test Result

3.1 DTS Bandwidth

3.1.1 6dB Bandwidth Limit

6dB Bandwidth Limit
Systems using digital modulation techniques:
<ul style="list-style-type: none"> ▪ 6 dB bandwidth \geq 500 kHz.

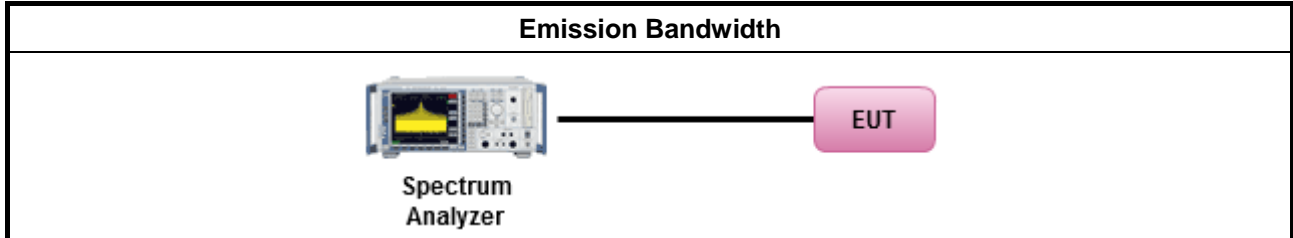
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

Test Method
<ul style="list-style-type: none"> ▪ For the emission bandwidth shall be measured using one of the options below:
<input checked="" type="checkbox"/> Refer as FCC KDB 558074, clause 8.1 Option 1 for 6 dB bandwidth measurement.
<input type="checkbox"/> Refer as FCC KDB 558074, clause 8.2 Option 2 for 6 dB bandwidth measurement.
<input type="checkbox"/> Refer as ANSI C63.10, clause 6.9.1 for occupied bandwidth testing.

3.1.4 Test Setup



3.1.5 Test Result of Emission Bandwidth

Refer as Appendix A

3.2 Maximum Conducted Output Power

3.2.1 Maximum Conducted Output Power Limit

Maximum Conducted Output Power Limit	
	<ul style="list-style-type: none"> ▪ If $G_{TX} \leq 6$ dBi, then $P_{Out} \leq 30$ dBm (1 W)
	<ul style="list-style-type: none"> ▪ Point-to-multipoint systems (P2M): If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$ dBm
	<ul style="list-style-type: none"> ▪ Point-to-point systems (P2P): If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)/3$ dBm
	<ul style="list-style-type: none"> ▪ Smart antenna system (SAS):
	<ul style="list-style-type: none"> - Single beam: If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)/3$ dBm
	<ul style="list-style-type: none"> - Overlap beam: If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)/3$ dBm
	<ul style="list-style-type: none"> - Aggregate power on all beams: If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)/3 + 8$ dB dBm
<p>P_{Out} = maximum peak conducted output power or maximum conducted output power in dBm, G_{TX} = the maximum transmitting antenna directional gain in dBi.</p>	

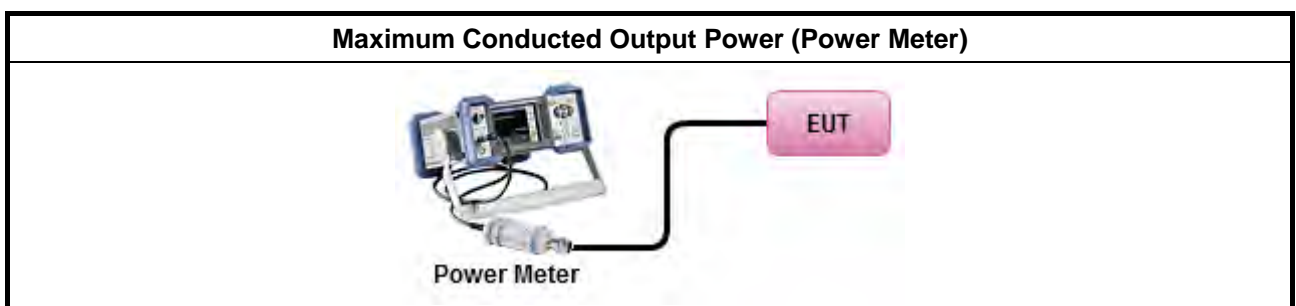
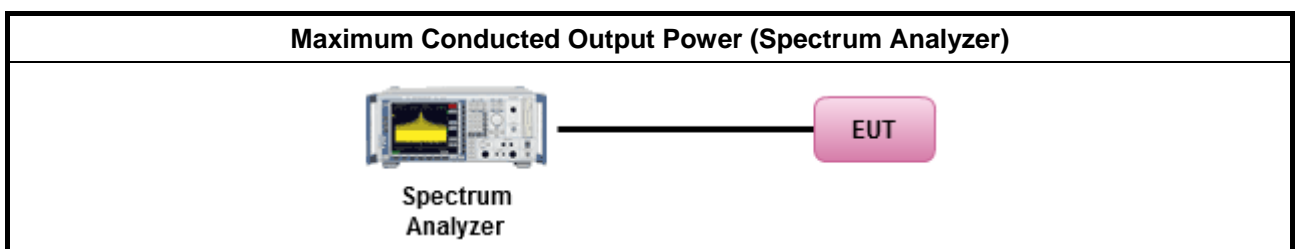
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

Test Method	
<ul style="list-style-type: none"> Maximum Peak Conducted Output Power 	
<input checked="" type="checkbox"/>	Refer as FCC KDB 558074, clause 9.1.1 Option 1 (RBW ≥ EBW method).
<input type="checkbox"/>	Refer as FCC KDB 558074, clause 9.1.2 Option 2 (peak power meter for VBW ≥ DTS BW)
<ul style="list-style-type: none"> Maximum Conducted Output Power 	
[duty cycle ≥ 98% or external video / power trigger]	
<input type="checkbox"/>	Refer as FCC KDB 558074, clause 9.2.2.2 Method AVGSA-1 (spectral trace averaging).
<input type="checkbox"/>	Refer as FCC KDB 558074, clause 9.2.2.3 Method AVGSA-1 Alt. (slow sweep speed)
duty cycle < 98% and average over on/off periods with duty factor	
<input type="checkbox"/>	Refer as FCC KDB 558074, clause 9.2.2.4 Method AVGSA-2 (spectral trace averaging).
<input type="checkbox"/>	Refer as FCC KDB 558074, clause 9.2.2.5 Method AVGSA-2 Alt. (slow sweep speed)
RF power meter and average over on/off periods with duty factor or gated trigger	
<input checked="" type="checkbox"/>	Refer as FCC KDB 558074, clause 9.2.3 Method AVGPM-G (using an RF average power meter).
<ul style="list-style-type: none"> For conducted measurement. 	
<ul style="list-style-type: none"> 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. 	
<ul style="list-style-type: none"> If multiple transmit chains, EIRP calculation could be following as methods: $P_{total} = P_1 + P_2 + \dots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$ 	

3.2.4 Test Setup





3.2.5 Test Result of Maximum Conducted Output Power

Refer as Appendix B

3.3 Power Spectral Density

3.3.1 Power Spectral Density Limit

Power Spectral Density Limit
<ul style="list-style-type: none"> ▪ Power Spectral Density (PSD) ≤ 8 dBm/3kHz

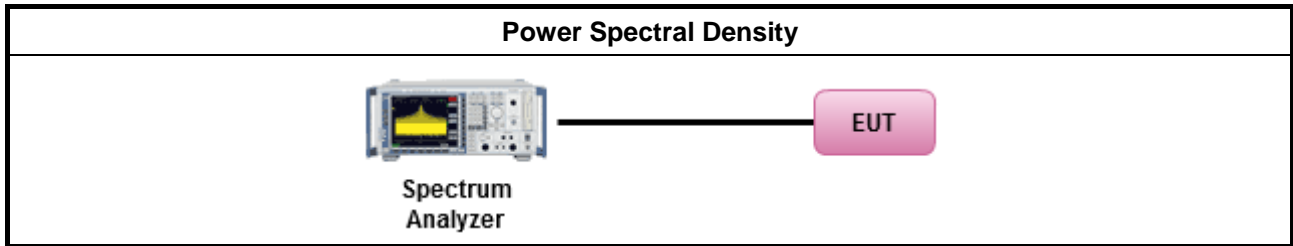
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

Test Method
<ul style="list-style-type: none"> ▪ 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).
<input checked="" type="checkbox"/> Refer as FCC KDB 558074, clause 10.2 Method PKPSD (RBW=3-100kHz; Detector=peak). [duty cycle ≥ 98% or external video / power trigger]
<input type="checkbox"/> Refer as FCC KDB 558074, clause 10.3 Method AVGPSD-1 (spectral trace averaging).
<input type="checkbox"/> Refer as FCC KDB 558074, clause 10.4 Method AVGPSD-2 (slow sweep speed) duty cycle < 98% and average over on/off periods with duty factor
<input type="checkbox"/> Refer as FCC KDB 558074, clause 10.5 Method AVGPSD-1 Alt (spectral trace averaging).
<input type="checkbox"/> Refer as FCC KDB 558074, clause 10.6 Method AVGPSD-2 Alt. (slow sweep speed)
<ul style="list-style-type: none"> ▪ For conducted measurement.
<ul style="list-style-type: none"> ▪ If The EUT supports multiple transmit chains using options given below: <ul style="list-style-type: none"> <input checked="" type="checkbox"/> 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. <input type="checkbox"/> 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, <input type="checkbox"/> Option 3: Measure and add 10 log(N) dB, where N is the number of transmit chains. Refer as FCC KDB 662911, In-band power spectral density (PSD). Performed at each transmit chains and each transmit chains shall be compared with the limit have been reduced with 10 log(N). Or each transmit chains shall be add 10 log(N) to compared with the limit.

3.3.4 Test Setup



3.3.5 Test Result of Power Spectral Density

Refer as Appendix C

3.4 Emissions in Non-restricted Frequency Bands

3.4.1 Emissions in Non-restricted Frequency Bands Limit

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

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

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

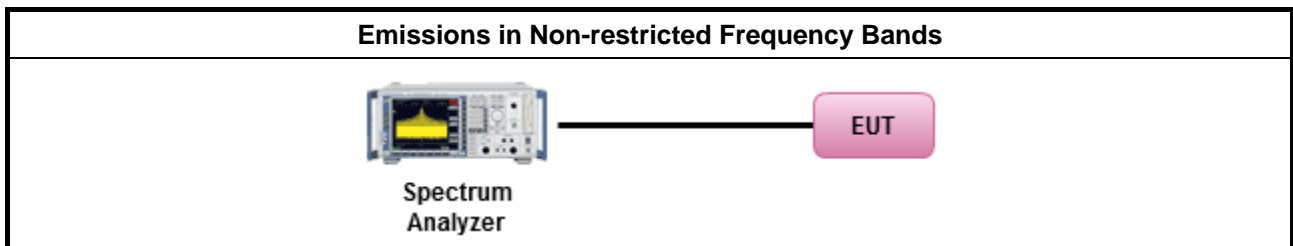
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

Test Method
<ul style="list-style-type: none"> Refer as FCC KDB 558074, clause 11 for unwanted emissions into non-restricted bands.

3.4.4 Test Setup



3.4.5 Test Result of Emissions in Non-restricted Frequency Bands

Refer as Appendix D

3.5 Emissions in Restricted Frequency Bands

3.5.1 Emissions in Restricted Frequency Bands Limit

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

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

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

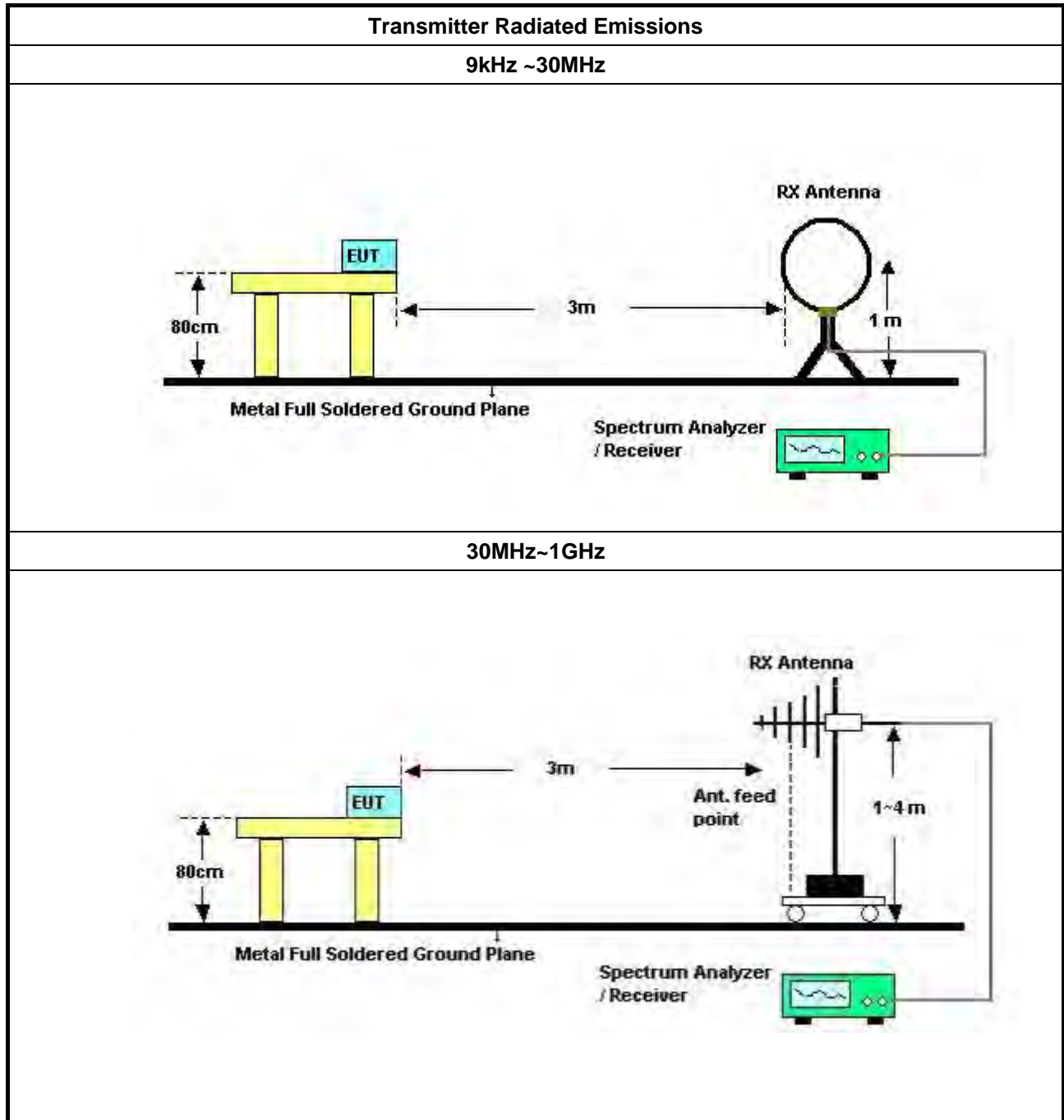
3.5.2 Measuring Instruments

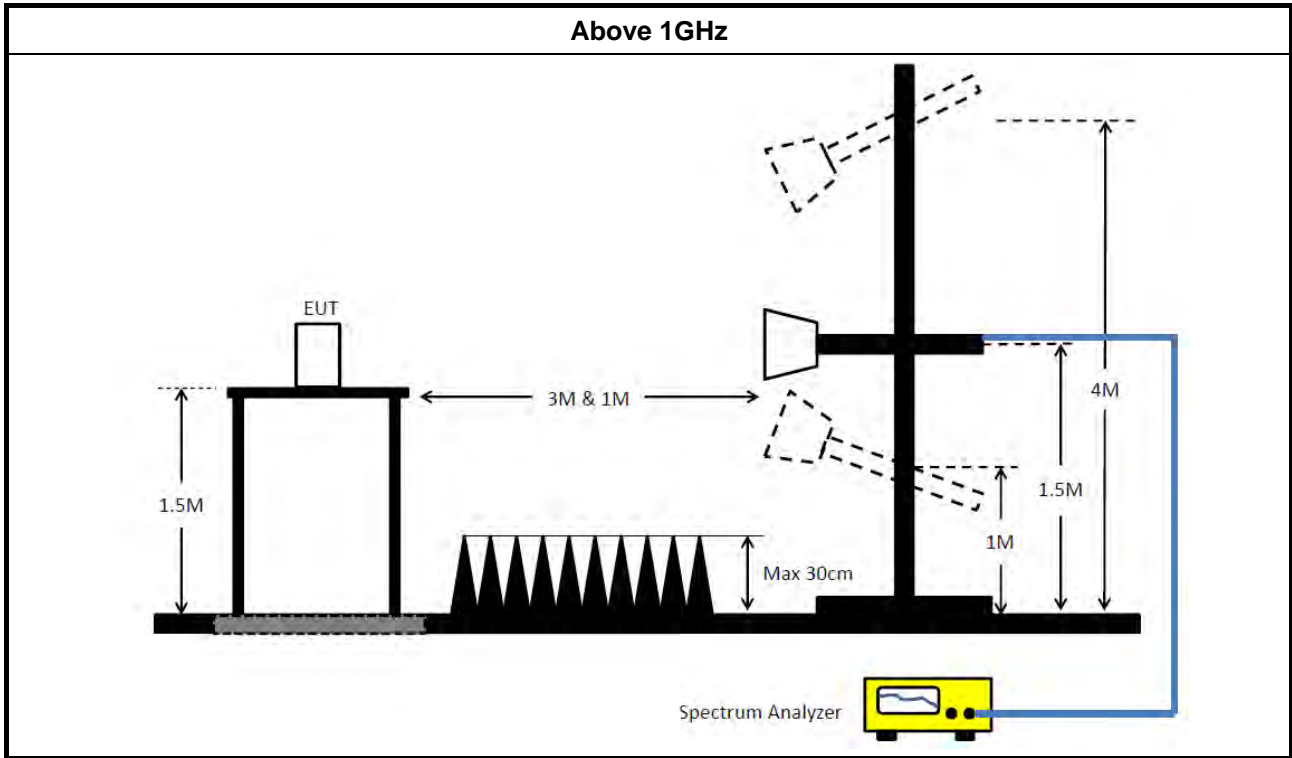
Refer a test equipment and calibration data table in this test report.

3.5.3 Test Procedures

Test Method	
<ul style="list-style-type: none"> ▪ The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor]. 	
<ul style="list-style-type: none"> ▪ Refer as ANSI C63.10, clause 6.9.2.2 band-edge testing shall be performed at the lowest frequency channel and highest frequency channel within the allowed operating band. 	
<ul style="list-style-type: none"> ▪ For the transmitter unwanted emissions shall be measured using following options below: 	
	<ul style="list-style-type: none"> ▪ Refer as FCC KDB 558074, clause 12 for unwanted emissions into restricted bands.
	<input type="checkbox"/> Refer as FCC KDB 558074, clause 12.2.5.1 Option 1 (trace averaging for duty cycle $\geq 98\%$)
	<input type="checkbox"/> Refer as FCC KDB 558074, clause 12.2.5.2 Option 2 (trace averaging + duty factor).
	<input checked="" type="checkbox"/> Refer as FCC KDB 558074, clause 12.2.5.3 Option 3 (Reduced VBW $\geq 1/T$).
	<input type="checkbox"/> Refer as ANSI C63.10, clause 4.2.3.2.3 (Reduced VBW). VBW $\geq 1/T$, where T is pulse time.
	<input type="checkbox"/> Refer as ANSI C63.10, clause 4.2.3.2.4 average value of pulsed emissions.
	<input checked="" type="checkbox"/> Refer as FCC KDB 558074, clause 12.2.4 measurement procedure peak limit.
<ul style="list-style-type: none"> ▪ For the transmitter band-edge emissions shall be measured using following options below: 	
	<ul style="list-style-type: none"> ▪ Refer as FCC KDB 558074 clause 13.1, When the performing peak or average radiated measurements, emissions within 2 MHz of the authorized band edge may be measured using the marker-delta method described below.
	<ul style="list-style-type: none"> ▪ Refer as FCC KDB 558074, clause 13.2 (ANSI C63.10, clause 6.9.3) for marker-delta method for band-edge measurements.
	<ul style="list-style-type: none"> ▪ Refer as FCC KDB 558074, clause 13.3 for narrower resolution bandwidth (100kHz) using the band power and summing the spectral levels (i.e., 1 MHz).
<ul style="list-style-type: none"> ▪ For conducted and cabinet radiation measurement, refer as FCC KDB 558074, clause 12.2.2. 	
	<ul style="list-style-type: none"> ▪ 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
	<ul style="list-style-type: none"> ▪ For FCC KDB 662911 The methodology described here may overestimate array gain, thereby resulting in apparent failures to satisfy the out-of-band limits even if the device is actually compliant. In such cases, compliance may be demonstrated by performing radiated tests around the frequencies at which the apparent failures occurred.

3.5.4 Test Setup





3.5.5 Transmitter Radiated Unwanted Emissions (Below 30MHz)

All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.

3.5.6 Transmitter Radiated Unwanted Emissions

Refer as Appendix E



4 Test Equipment and Calibration Data

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Remark
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	Mar. 16, 2016*	Radiation (03CH01-CB)
BILOG ANTENNA with 6dB Attenuator	TESEQ & EMCI	CBL6112D & N-6-06	37880 & AT-N0609	20MHz ~ 2GHz	Aug. 30, 2016	Radiation (03CH01-CB)
Horn Antenna	EMCO	3115	00075790	750MHz ~ 18GHz	Nov. 10, 2016	Radiation (03CH01-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Jul. 25, 2016	Radiation (03CH01-CB)
Pre-Amplifier	EMCI	EMC330N	980332	20MHz ~ 3GHz	May 02, 2017	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8449B	3008A02310	1GHz ~ 26.5GHz	Jan. 16, 2017	Radiation (03CH01-CB)
Spectrum Analyzer	R&S	FSP40	100056	9kHz ~ 40GHz	Nov. 22, 2016	Radiation (03CH01-CB)
EMI Test	R&S	ESCS	100355	9kHz ~ 2.75GHz	May 06, 2017	Radiation (03CH01-CB)
RF Cable-low	Woken	Low Cable-16+17	N/A	30 MHz ~ 1 GHz	Oct. 24, 2016	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-16	N/A	1 GHz ~ 18 GHz	Oct. 24, 2016	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-16+17	N/A	1 GHz ~ 18 GHz	Oct. 24, 2016	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-40G#1	N/A	18GHz ~ 40 GHz	Oct. 24, 2016	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-40G#2	N/A	18GHz ~ 40 GHz	Oct. 24, 2016	Radiation (03CH01-CB)
Test Software	Audix	E3	6.2009-10-7	N/A	N/A	Radiation (03CH01-CB)
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	Dec. 26, 2016	Conducted (TH01-CB)
Temp. and Humidity Chamber	Ten Billion	TTH-D3SP	TBN-931011	-30~100 degree	Jun. 02, 2017	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-6	1 GHz – 26.5 GHz	Oct. 24, 2016	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-7	1 GHz –26.5 GHz	Oct. 24, 2016	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-8	1 GHz –26.5 GHz	Oct. 24, 2016	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-9	1 GHz –26.5 GHz	Oct. 24, 2016	Conducted (TH01-CB)



RF Cable-high	Woken	RG402	High Cable-10	1 GHz –26.5 GHz	Oct. 24, 2016	Conducted (TH01-CB)
Power Sensor	Agilent	U2021XA	MY53410001	50MHz~18GHz	Nov. 22, 2016	Conducted (TH01-CB)

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

“**” Calibration Interval of instruments listed above is two years.



Summary

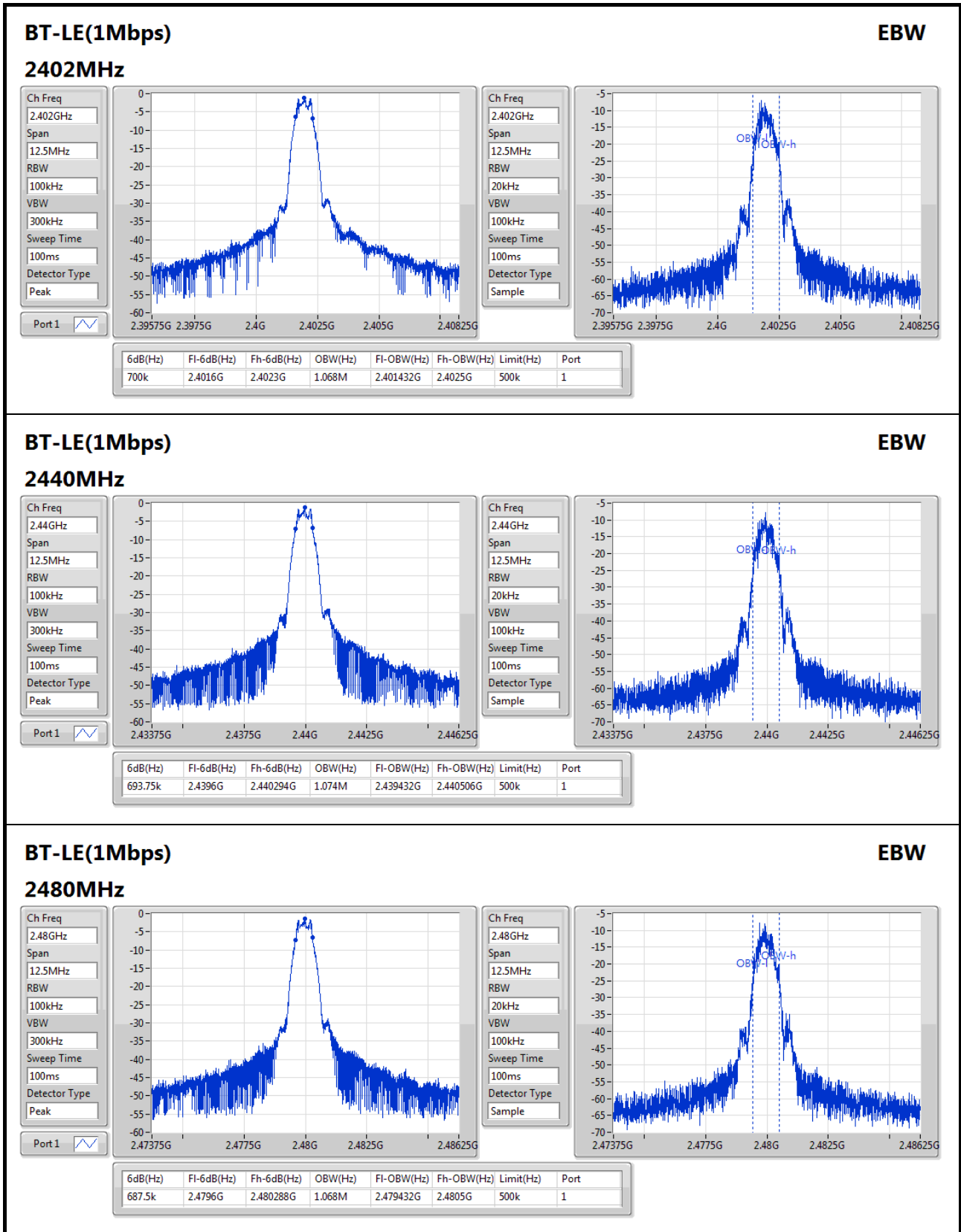
Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
BT-LE(1Mbps)	-	-	-	-	-
2.4-2.4835GHz	700k	1.074M	1M07F1D	687.5k	1.068M

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

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
BT-LE(1Mbps)	-	-	-	-
2402MHz	Pass	500k	700k	1.068M
2440MHz	Pass	500k	693.75k	1.074M
2480MHz	Pass	500k	687.5k	1.068M

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



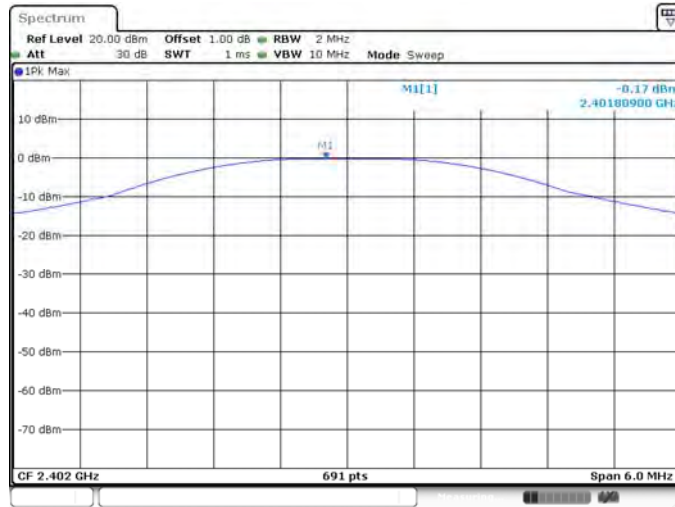


Summary

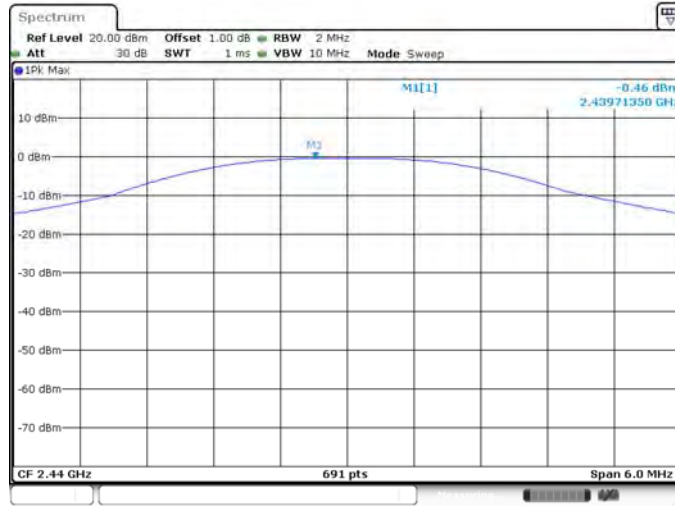
Mode	Power (dBm)	Power (W)
BT-LE(1Mbps)	-	-
2.4-2.4835GHz	-0.17	0.00096

Result

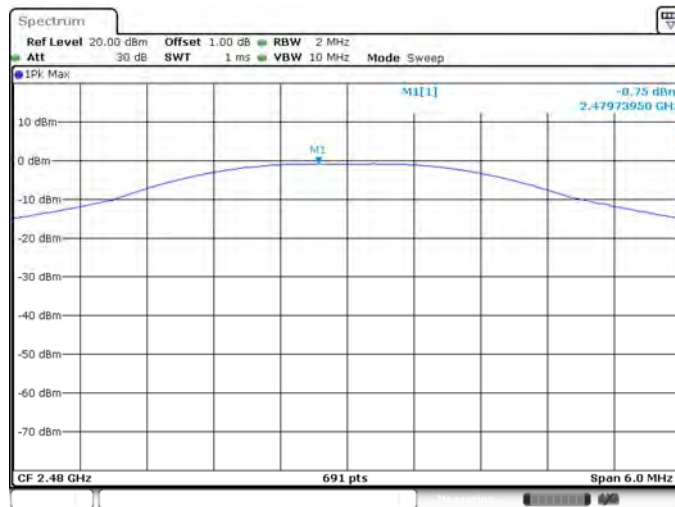
Mode	Result	Gain (dBi)	Power (dBm)	Power Limit (dBm)
BT-LE(1Mbps)	-	-	-	-
2402MHz	Pass	-10	-0.17	30.00
2440MHz	Pass	-10	-0.46	30.00
2480MHz	Pass	-10	-0.75	30.00



Date: 13 JUN 2017 17:47:04



Date: 13 JUN 2017 17:46:22



Date: 13 JUN 2017 17:45:38



Summary

Mode	Power (dBm)	Power (W)
BT-LE(1Mbps)	-	-
2.4-2.4835GHz	-2.86	0.00052

Result

Mode	Result	Gain (dBi)	Power (dBm)	Power Limit (dBm)
BT-LE(1Mbps)	-	-	-	-
2402MHz	Pass	-10.00	-2.86	30.00
2440MHz	Pass	-10.00	-3.25	30.00
2480MHz	Pass	-10.00	-3.31	30.00



Summary

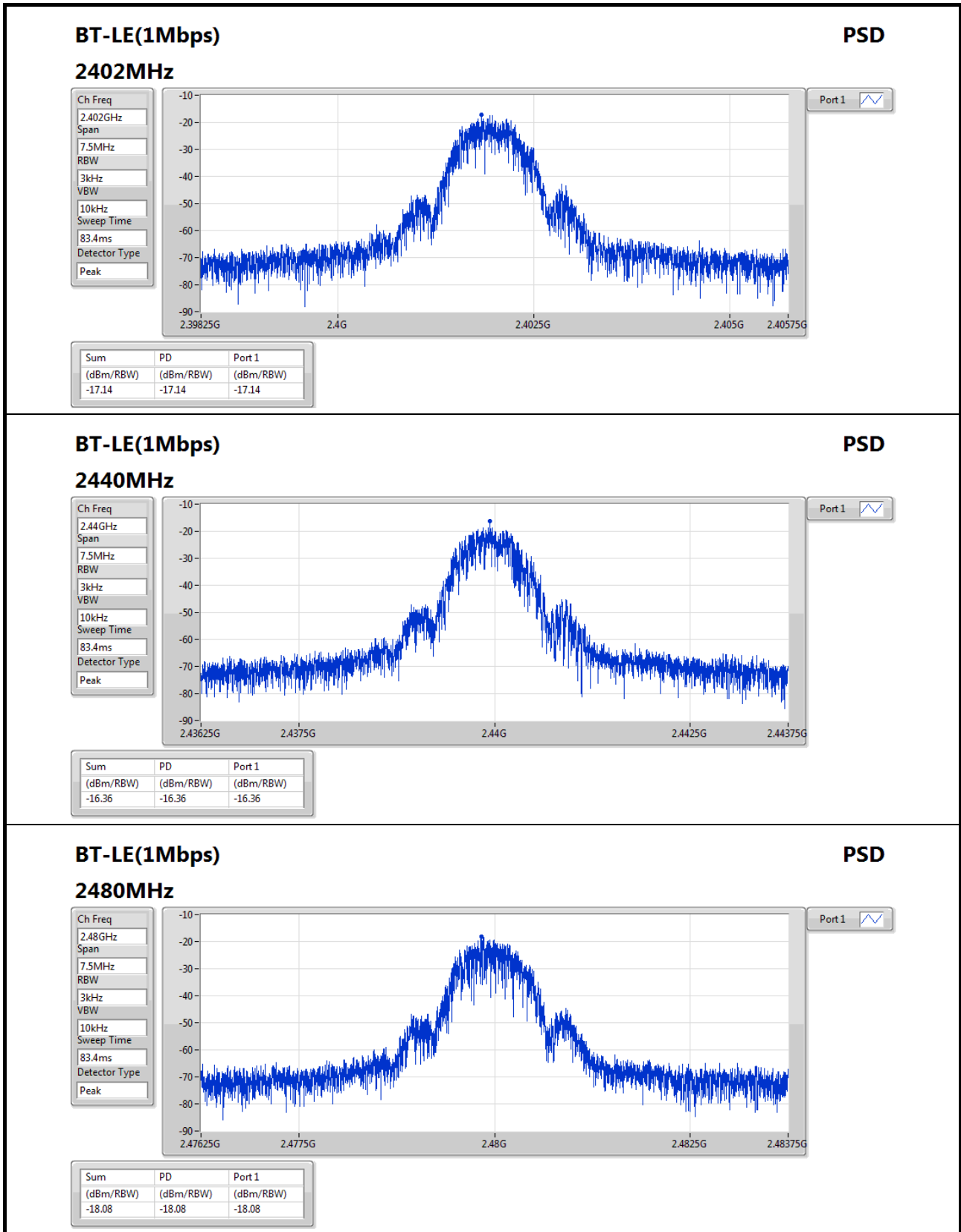
Mode	PD (dBm/RBW)
BT-LE(1Mbps)	-
2.4-2.4835GHz	-16.36

RBW=3kHz.

Result

Mode	Result	Gain (dBi)	PD (dBm/RBW)	PD Limit (dBm/RBW)
BT-LE(1Mbps)	-	-	-	-
2402MHz	Pass	-10.00	-17.14	8.00
2440MHz	Pass	-10.00	-16.36	8.00
2480MHz	Pass	-10.00	-18.08	8.00

RBW=3kHz.



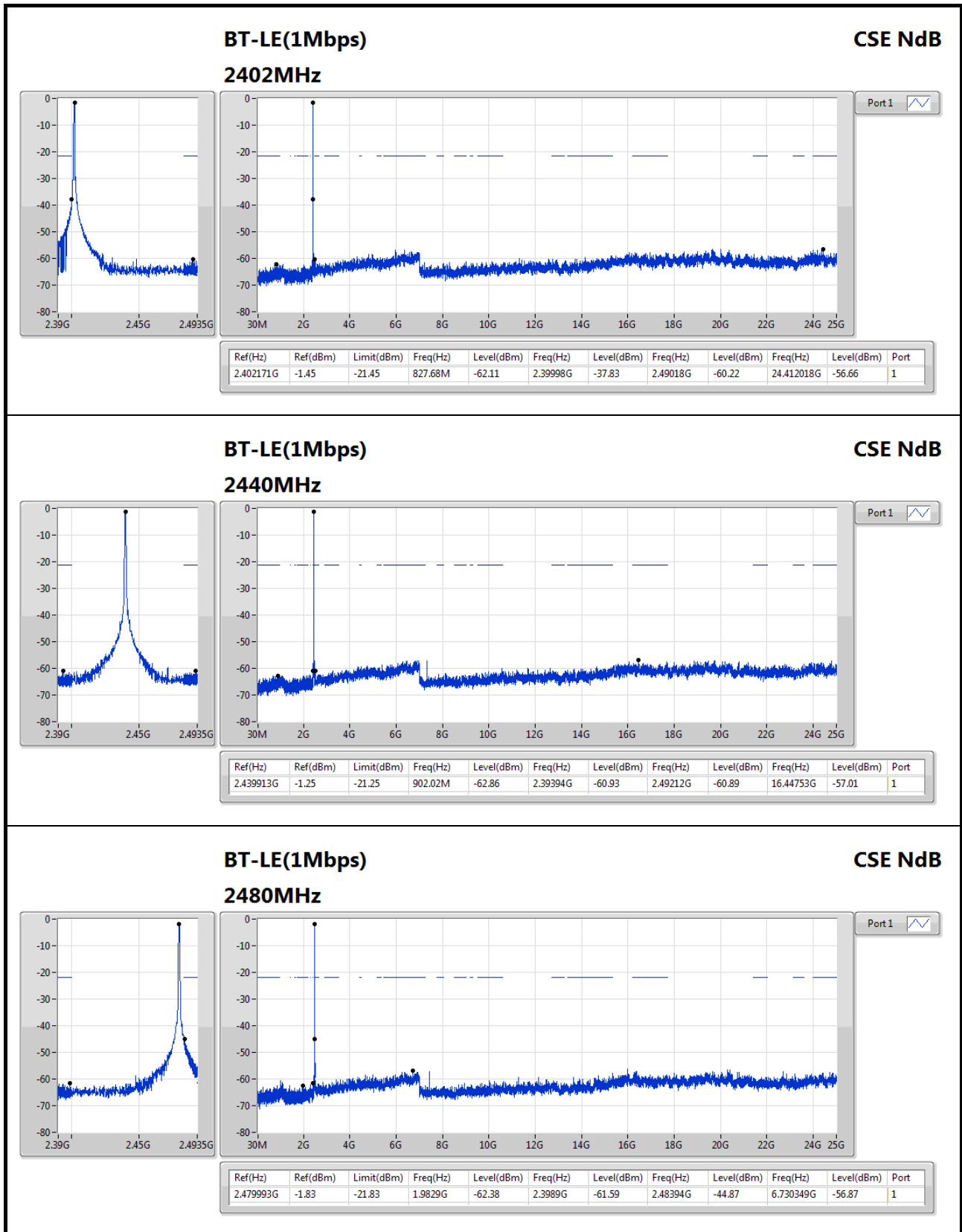


Summary

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
BT-LE(1Mbps)	-	-	-	-	-	-	-	-	-	-	-	-	-
2.4-2.4835GHz	Pass	2.402171G	-1.45	-21.45	827.68M	-62.11	2.39998G	-37.83	2.49018G	-60.22	24.412018G	-56.66	1

Result

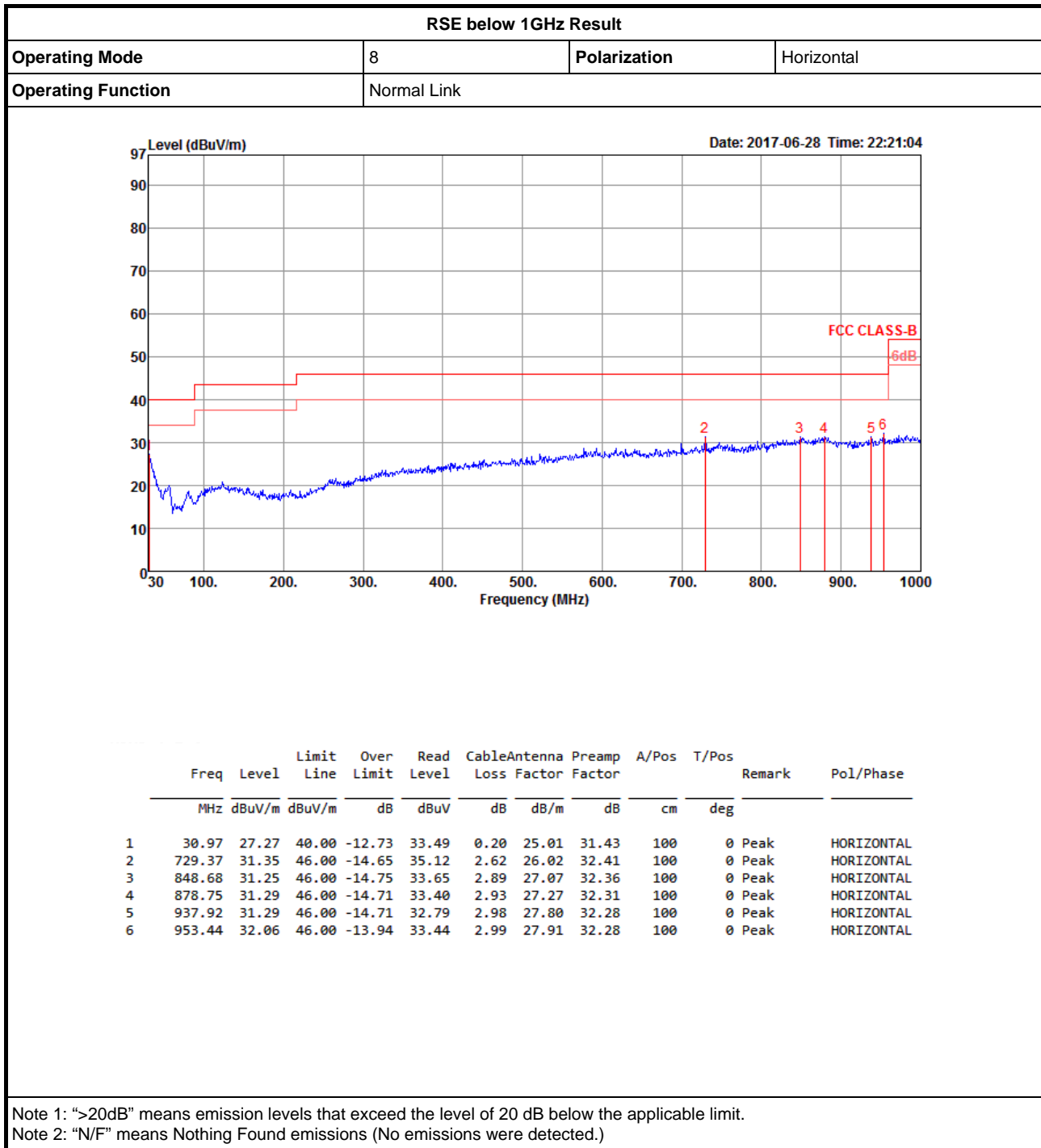
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
BT-LE(1Mbps)	-	-	-	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	2.402171G	-1.45	-21.45	827.68M	-62.11	2.39998G	-37.83	2.49018G	-60.22	24.412018G	-56.66	1
2440MHz	Pass	2.439913G	-1.25	-21.25	902.02M	-62.86	2.39394G	-60.93	2.49212G	-60.89	16.44753G	-57.01	1
2480MHz	Pass	2.479993G	-1.83	-21.83	1.9829G	-62.38	2.3989G	-61.59	2.48394G	-44.87	6.730349G	-56.87	1





RSE below 1GHz Result

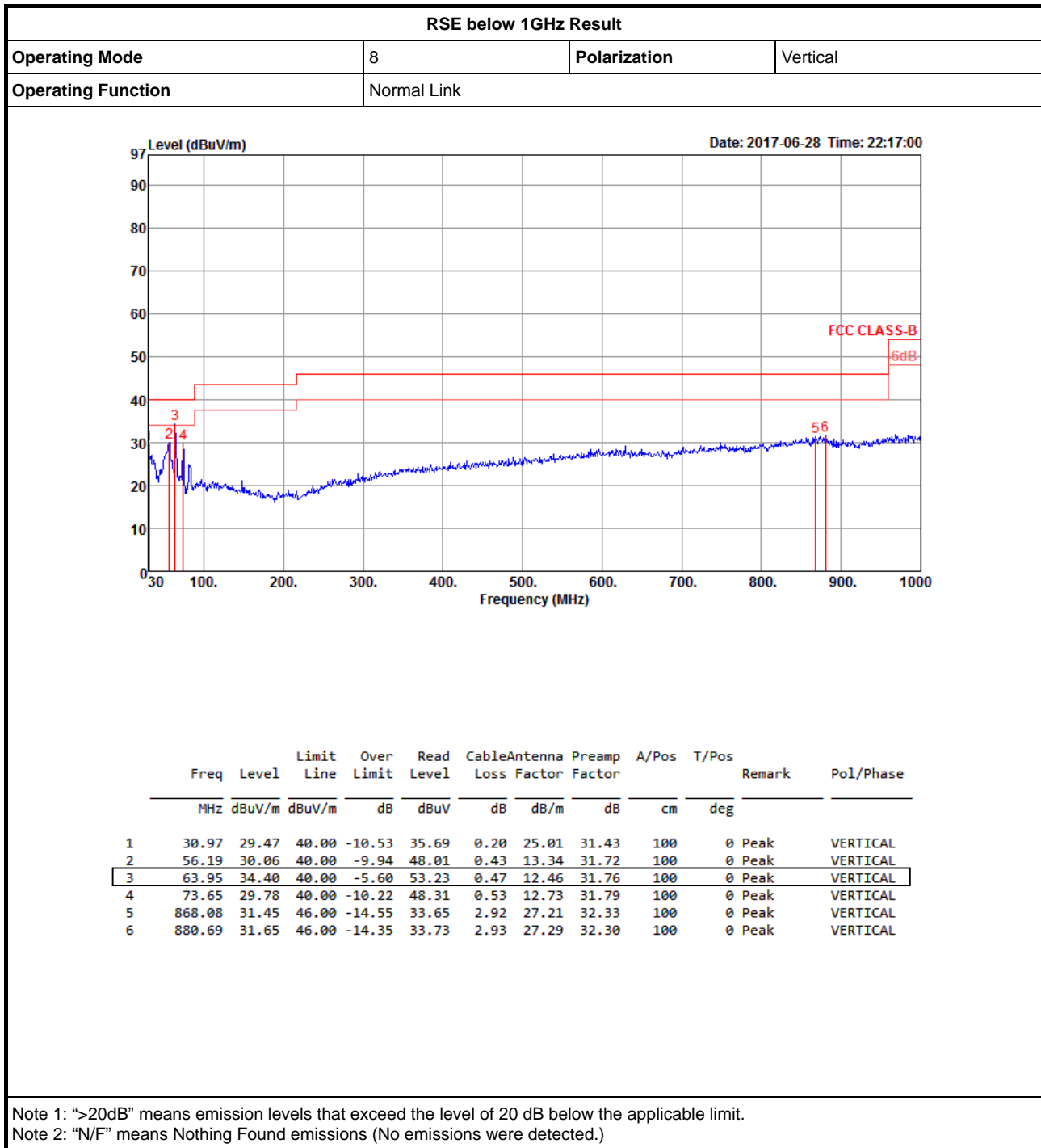
Appendix E.1





RSE below 1GHz Result

Appendix E.1



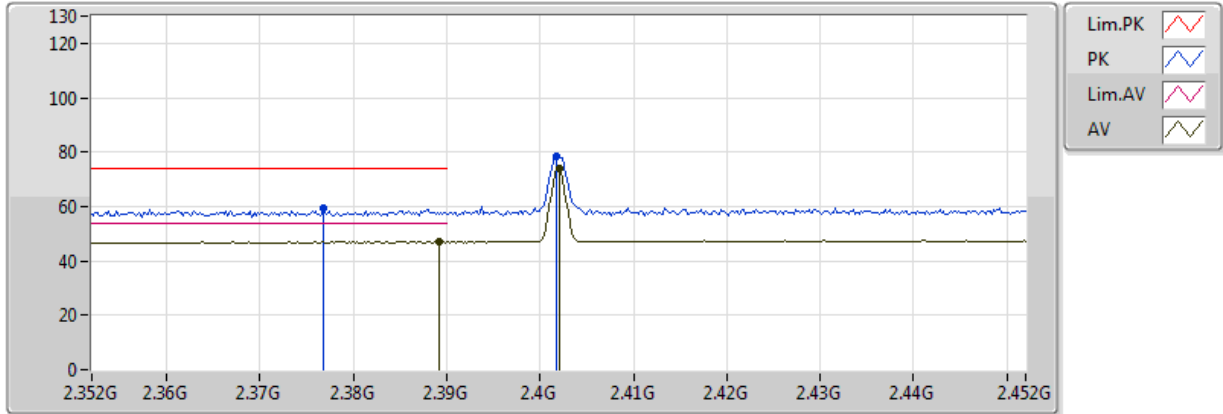


Test Mode: Mode 1
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments
BT-LE-NDW4A_Nss1_1TX	-	-	-	-	-	-	-	-	-	-	-	-
2.4-2.4835GHz	Pass	AV	2.4958G	47.82	54.00	-6.18	32.26	3	H	42	1.71	-

BT-LE-NDW4A_Nss1_1TX

2402MHz_TX

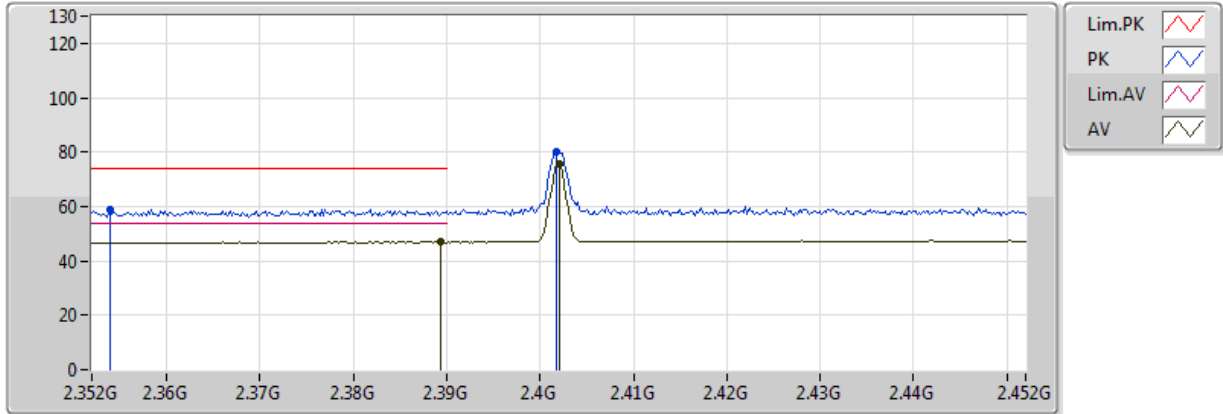


20170609
 EUT_Y_1TX
 Default Setting
 02-W-3
 FSU
 NDW4A

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.3892G	47.05	54.00	-6.95	31.94	3	V	105	1.96	-
AV	2.402G	74.04	Inf	-Inf	31.98	3	V	105	1.96	-
PK	2.3768G	59.16	74.00	-14.84	31.90	3	V	105	1.96	-
PK	2.4018G	78.19	Inf	-Inf	31.98	3	V	105	1.96	-

BT-LE-NDW4A_Nss1_1TX

2402MHz_TX



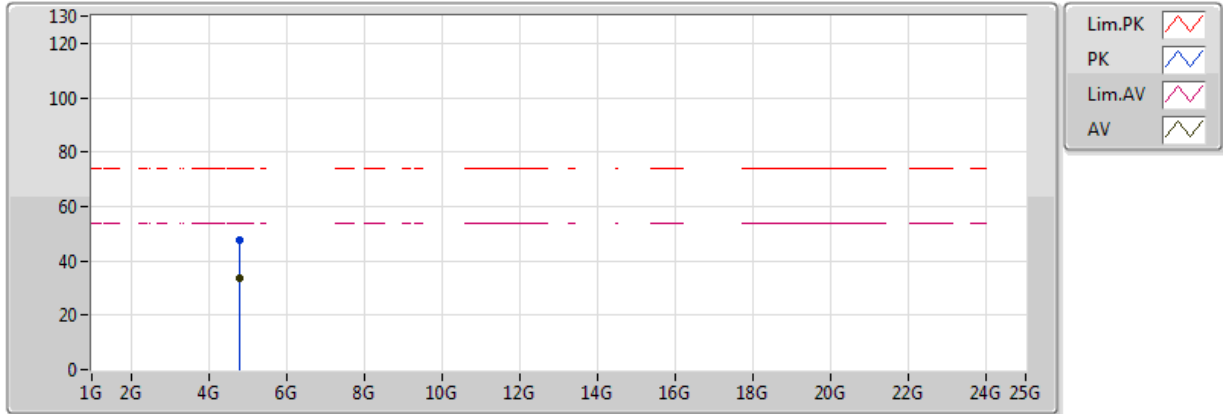
20170609
 EUT_Y_1TX
 Default Setting
 02-W-3
 FSU
 NDW4A

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.3894G	47.11	54.00	-6.81	31.94	3	H	136	2.63	-
AV	2.402G	75.89	Inf	-Inf	31.98	3	H	136	2.63	-
PK	2.354G	59.00	74.00	-15.00	31.83	3	H	136	2.63	-
PK	2.4018G	79.86	Inf	-Inf	31.98	3	H	136	2.63	-



BT-LE-NDW4A_Nss1_1TX

2402MHz_TX



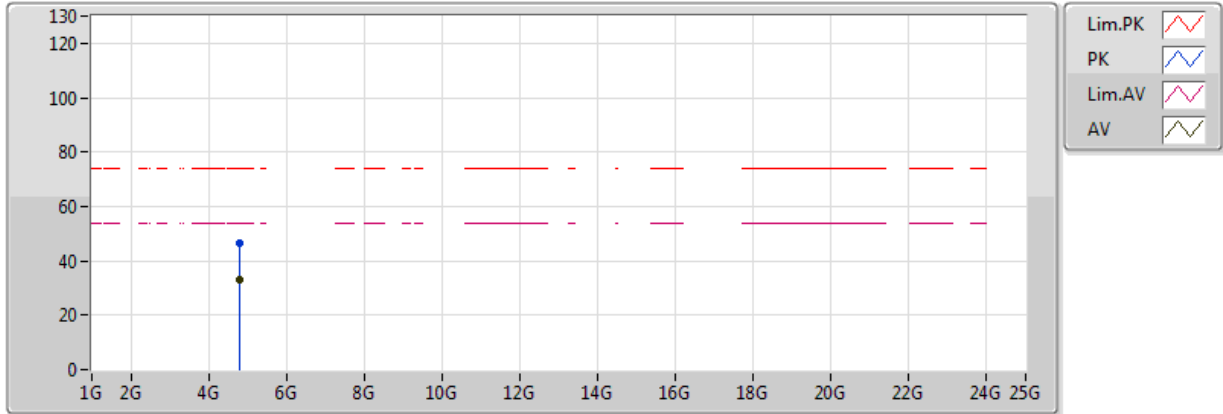
20170609
 EUT_Y_1TX
 Default Setting
 02-W-3
 FSU
 NDW4A

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.80419G	33.89	54.00	-20.11	8.02	3	V	61	2.38	-
PK	4.80391G	47.75	74.00	-26.25	8.02	3	V	61	2.38	-



BT-LE-NDW4A_Nss1_1TX

2402MHz_TX

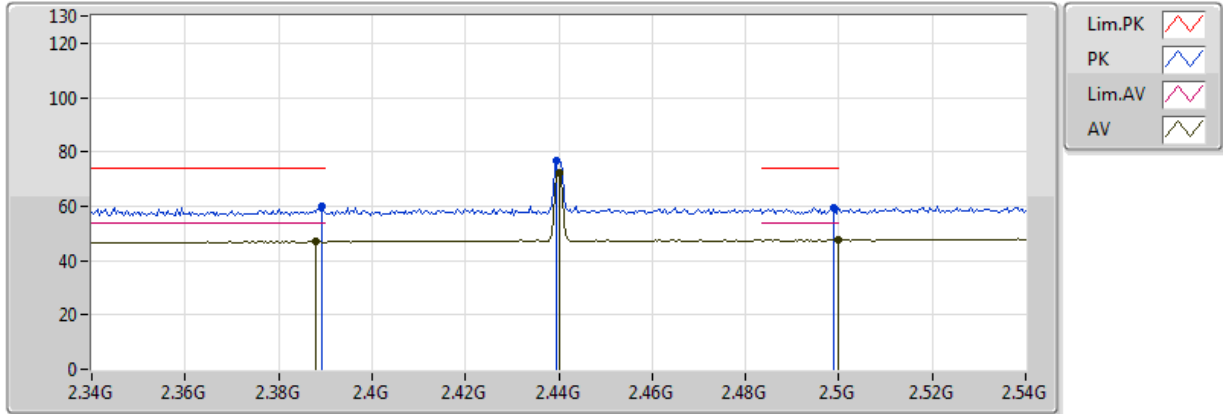


20170609
 EUT_Y_1TX
 Default Setting
 02-W-3
 FSU
 NDW4A

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.80423G	33.31	54.00	-20.69	8.02	3	H	169	2.16	-
PK	4.80344G	46.34	74.00	-27.66	8.02	3	H	169	2.16	-

BT-LE-NDW4A_Nss1_1TX

2440MHz_TX

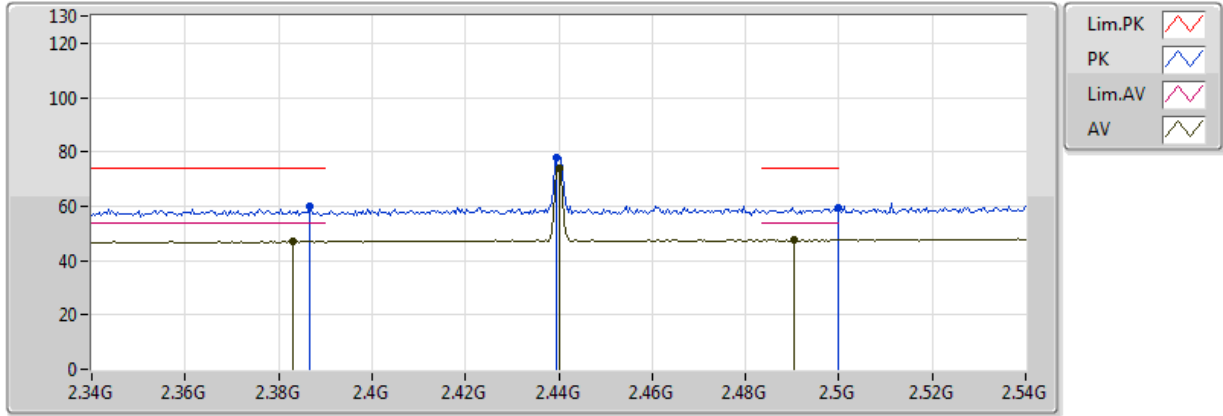


20170609
 EUT Y_1TX
 Default Setting
 02-W-3
 FSU
 NDW4A

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	47.07	54.00	-6.93	31.93	3	V	103	2.04	-
AV	2.44G	72.55	Inf	-Inf	32.09	3	V	103	2.04	-
AV	2.5G	47.60	54.00	-6.40	32.27	3	V	103	2.04	-
PK	2.3892G	59.88	74.00	-14.12	31.94	3	V	103	2.04	-
PK	2.4396G	76.52	Inf	-Inf	32.09	3	V	103	2.04	-
PK	2.4988G	59.59	74.00	-14.41	32.27	3	V	103	2.04	-

BT-LE-NDW4A_Nss1_1TX

2440MHz_TX

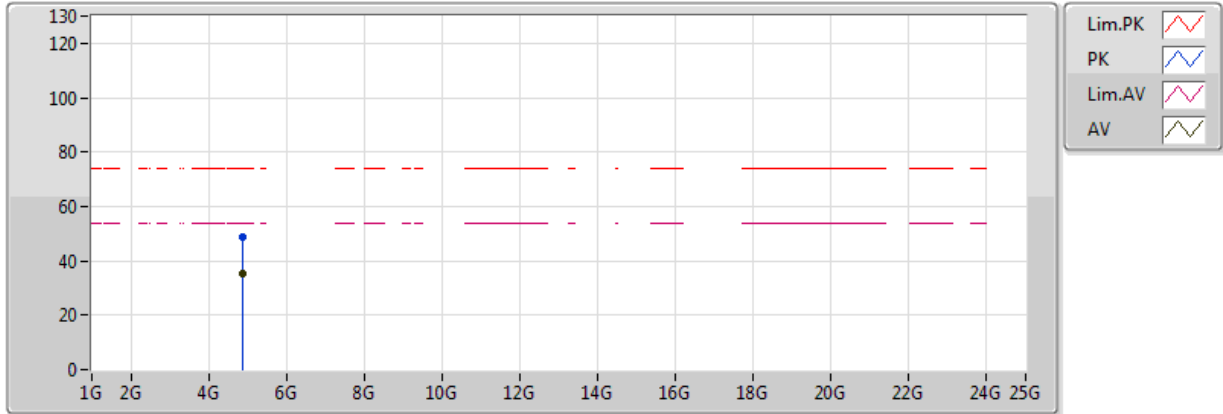


20170609
 EUT Y_1TX
 Default Setting
 02-W-3
 FSU
 NDW4A

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.3832G	47.01	54.00	-6.99	31.92	3	H	134	2.86	-
AV	2.44G	74.04	Inf	-Inf	32.09	3	H	134	2.86	-
AV	2.4904G	47.65	54.00	-6.35	32.24	3	H	134	2.86	-
PK	2.3868G	59.86	74.00	-14.14	31.93	3	H	134	2.86	-
PK	2.4396G	77.84	Inf	-Inf	32.09	3	H	134	2.86	-
PK	2.5G	59.30	74.00	-14.70	32.27	3	H	134	2.86	-

BT-LE-NDW4A_Nss1_1TX

2440MHz_TX



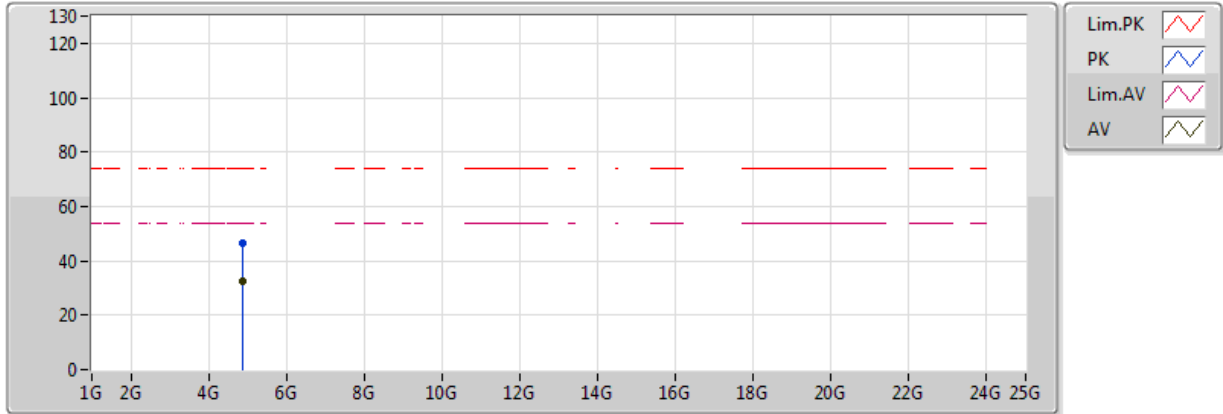
20170609
 EUT_Y_1TX
 Default Setting
 02-W-3
 FSU
 NDW4A

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.87956G	35.20	54.00	-18.80	8.26	3	V	111	2.38	-
PK	4.87827G	48.57	74.00	-25.43	8.25	3	V	111	2.38	-



BT-LE-NDW4A_Nss1_1TX

2440MHz_TX

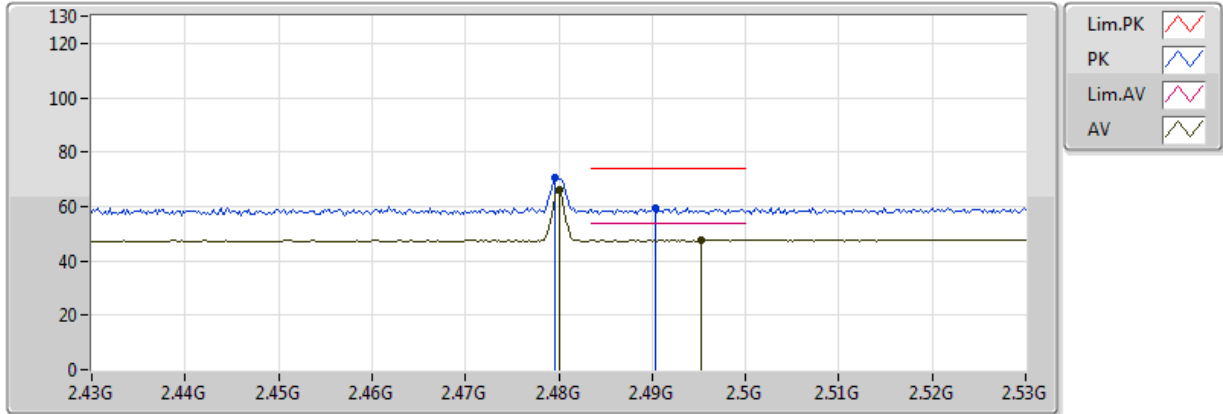


20170609
 EUT Y_1TX
 Default Setting
 02-W-3
 FSU
 NDW4A

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.88018G	32.59	54.00	-21.41	8.26	3	H	181	1.61	-
PK	4.8778G	46.37	74.00	-27.63	8.25	3	H	181	1.61	-

BT-LE-NDW4A_Nss1_1TX

2480MHz_TX

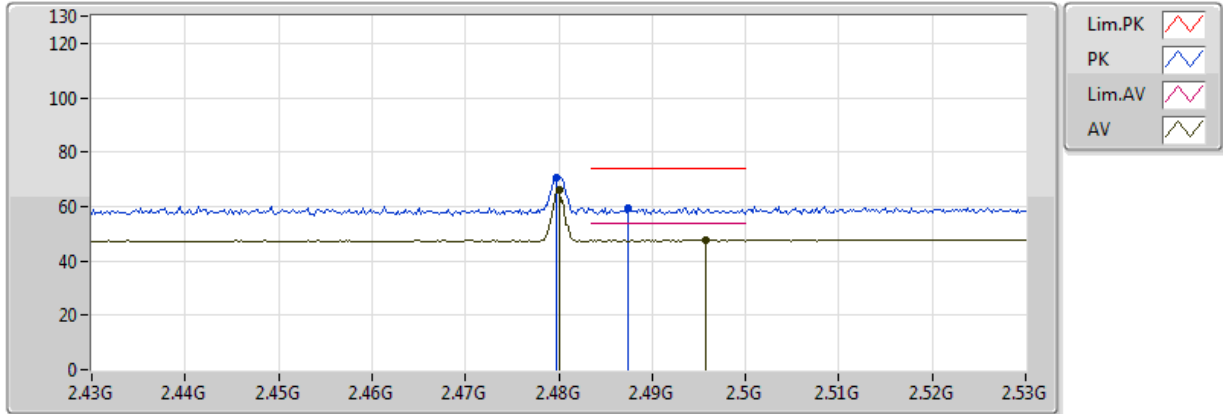


20170609
 EUT_Y_1TX
 Default Setting
 02-W-3
 FSU
 NDW4A

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.48G	65.91	Inf	-Inf	32.21	3	V	120	1.83	-
AV	2.4952G	47.67	54.00	-6.33	32.26	3	V	120	1.83	-
PK	2.4796G	70.35	Inf	-Inf	32.21	3	V	120	1.83	-
PK	2.4904G	59.57	74.00	-14.43	32.24	3	V	120	1.83	-

BT-LE-NDW4A_Nss1_1TX

2480MHz_TX

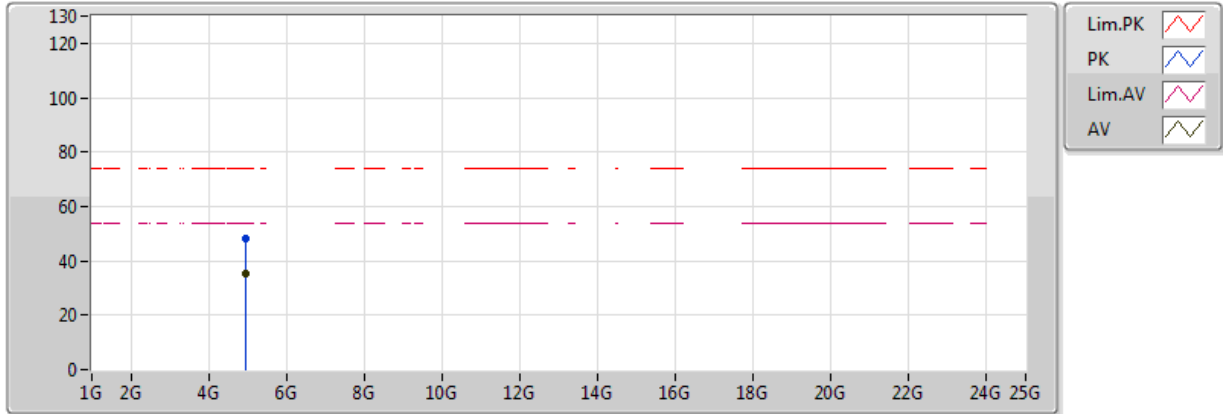


20170609
 EUT_Y_1TX
 Default Setting
 02-W-3
 FSU
 NDW4A

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.48G	66.34	Inf	-Inf	32.21	3	H	42	1.71	-
AV	2.4958G	47.82	54.00	-6.18	32.26	3	H	42	1.71	-
PK	2.4798G	70.71	Inf	-Inf	32.21	3	H	42	1.71	-
PK	2.4874G	59.66	74.00	-14.34	32.23	3	H	42	1.71	-

BT-LE-NDW4A_Nss1_1TX

2480MHz_TX



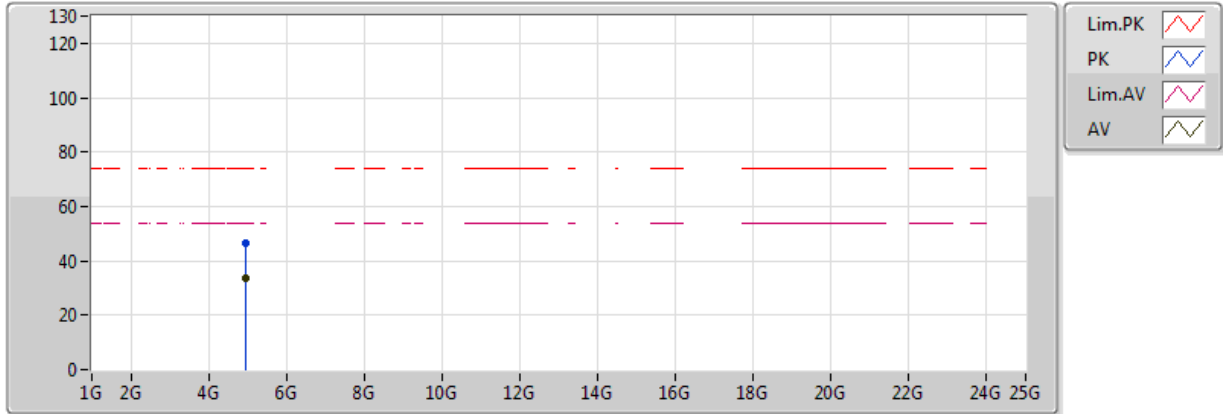
20170609
 EUT_Y_1TX
 Default Setting
 02-W-3
 FSU
 NDW4A

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.95997G	35.49	54.00	-18.51	8.51	3	V	113	2.44	-
PK	4.96065G	47.93	74.00	-26.07	8.51	3	V	113	2.44	-



BT-LE-NDW4A_Nss1_1TX

2480MHz_TX



20170609
 EUT_Y_1TX
 Default Setting
 02-W-3
 FSU
 NDW4A

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.96023G	33.88	54.00	-20.12	8.51	3	H	60	2.65	-
PK	4.96027G	46.51	74.00	-27.49	8.51	3	H	60	2.65	-



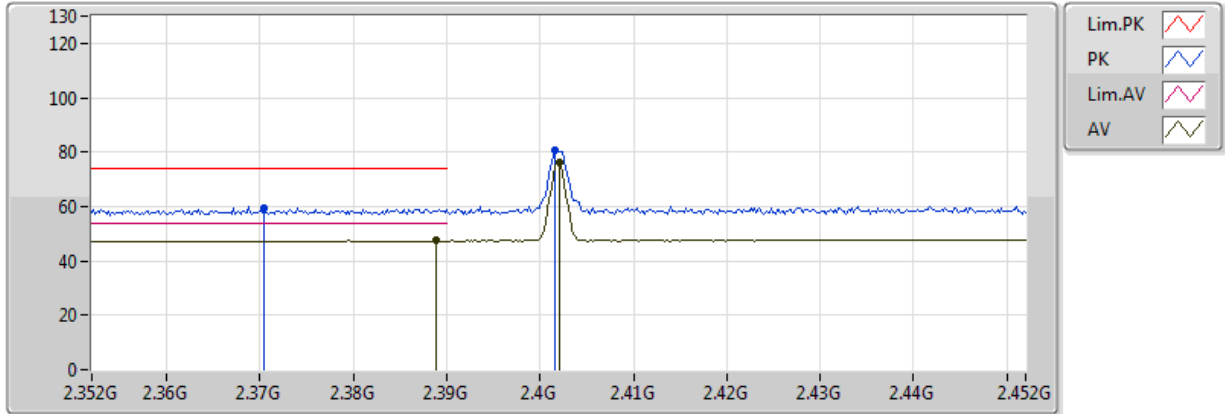
Test Mode: Mode 2
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments
BT-LE-NDW4A Metallic Watch Band_Nss1_1TX	-	-	-	-	-	-	-	-	-	-	-	-
2.4-2.4835GHz	Pass	AV	2.489G	48.13	54.00	-5.87	32.24	3	V	119	2.06	-

BT-LE-NDW4A

Nss1_1TX

2402MHz_TX



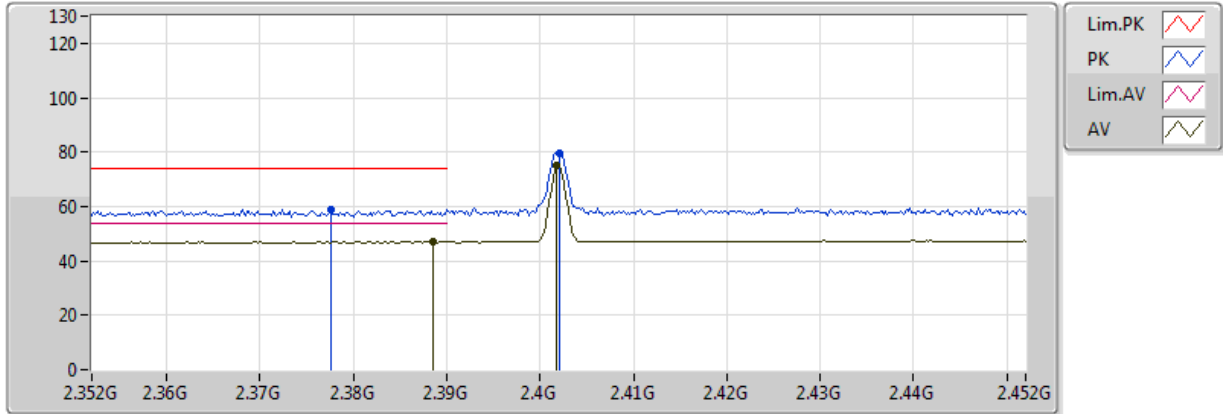
20170610
 EUT_Y_1TX
 Default Setting
 02-Z-1
 FSU
 NDW4A

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.3888G	47.40	54.00	-6.60	31.94	3	V	178	1.66	-
AV	2.402G	76.48	Inf	-Inf	31.98	3	V	178	1.66	-
PK	2.3704G	59.56	74.00	-14.44	31.88	3	V	178	1.66	-
PK	2.4016G	80.45	Inf	-Inf	31.97	3	V	178	1.66	-

BT-LE-NDW4A

Nss1_1TX

2402MHz_TX



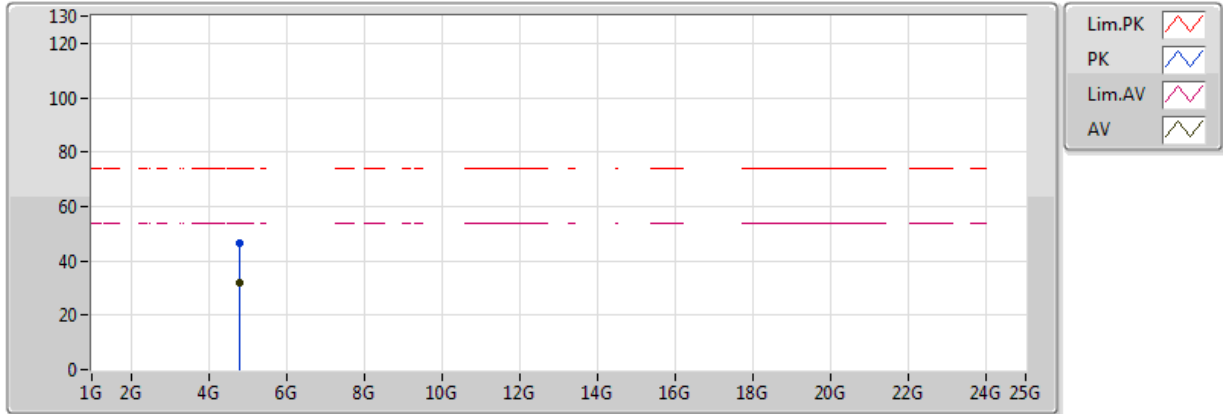
20170610
EUT_Y_1TX
Default Setting
02-Z-1
FSU
NDW4A

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.3886G	47.00	54.00	-7.00	31.93	3	H	77	1.76	-
AV	2.4018G	75.16	Inf	-Inf	31.98	3	H	77	1.76	-
PK	2.3776G	59.08	74.00	-14.92	31.90	3	H	77	1.76	-
PK	2.402G	79.40	Inf	-Inf	31.98	3	H	77	1.76	-

BT-LE-NDW4A

Nss1_1TX

2402MHz_TX



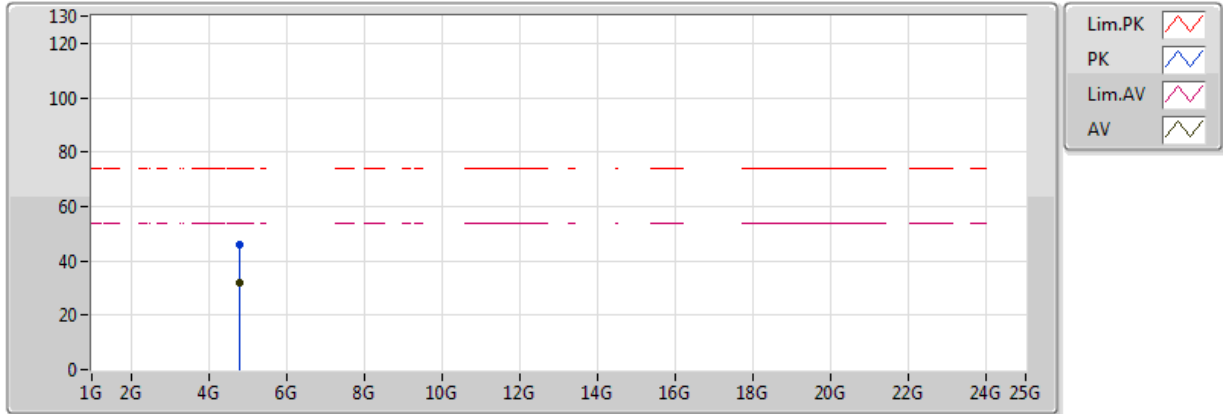
20170610
 EUT Y_1TX
 Default Setting
 02-Z-1
 FSU
 NDW4A

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.8046G	32.18	54.00	-21.82	8.02	3	V	209	2.38	-
PK	4.8044G	46.65	74.00	-27.35	8.02	3	V	209	2.38	-

BT-LE-NDW4A

Nss1_1TX

2402MHz_TX



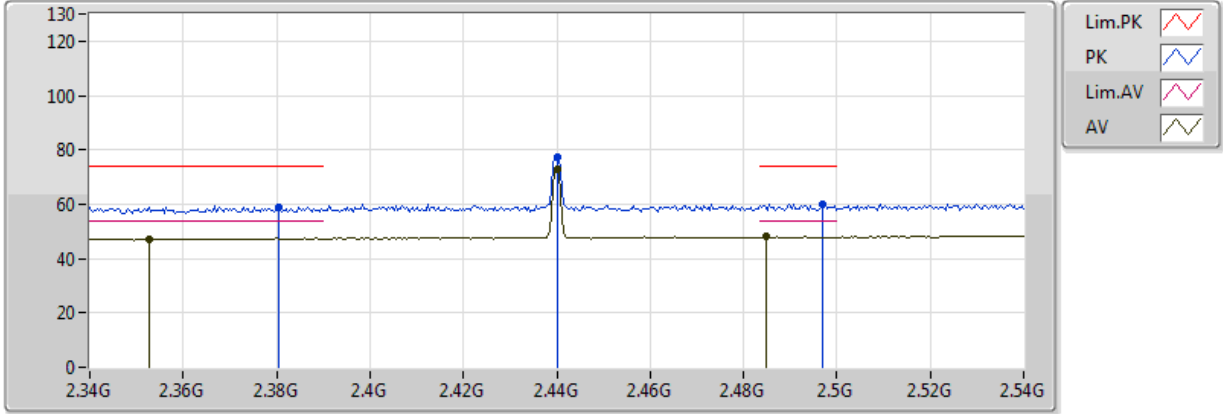
20170610
EUT_Y_1TX
Default Setting
02-Z-1
FSU
NDW4A

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.80428G	32.12	54.00	-21.88	8.02	3	H	347	2.34	-
PK	4.81048G	46.22	74.00	-27.78	8.04	3	H	347	2.34	-

BT-LE-NDW4A

Nss1_1TX

2440MHz_TX



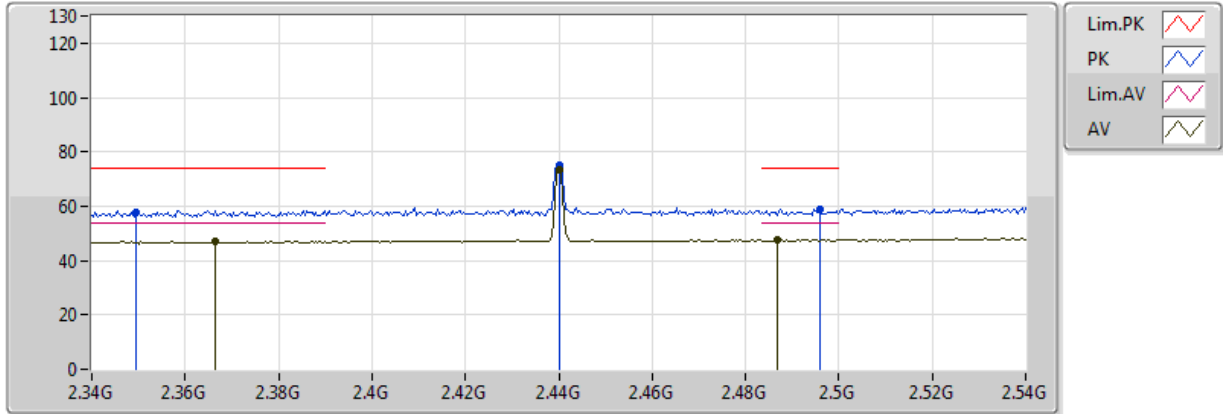
20170610
 EUT Y_1TX
 Default Setting
 02-Z-1
 FSU
 NDW4A

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.3528G	47.15	54.00	-6.85	31.82	3	V	214	1.38	-
AV	2.44G	72.99	Inf	-Inf	32.09	3	V	214	1.38	-
AV	2.4848G	47.97	54.00	-6.03	32.22	3	V	214	1.38	-
PK	2.3804G	58.90	74.00	-15.10	31.91	3	V	214	1.38	-
PK	2.44G	77.14	Inf	-Inf	32.09	3	V	214	1.38	-
PK	2.4968G	59.91	74.00	-14.09	32.26	3	V	214	1.38	-

BT-LE-NDW4A

Nss1_1TX

2440MHz_TX

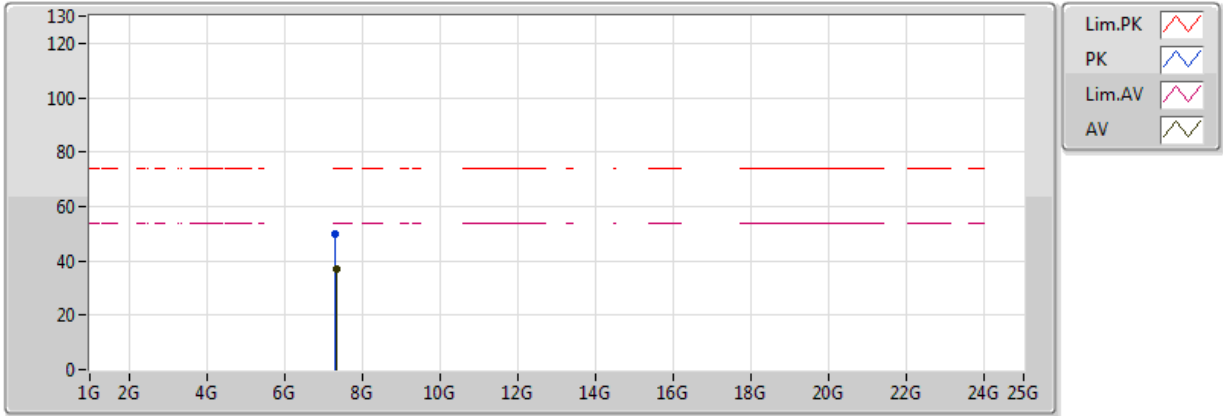


20170610
EUT Y_1TX
Default Setting
02-Z-1
FSU
NDW4A

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.3664G	46.82	54.00	-7.18	31.87	3	H	103	1.00	-
AV	2.44G	73.23	Inf	-Inf	32.09	3	H	103	1.59	-
AV	2.4868G	47.61	54.00	-6.39	32.23	3	H	103	1.59	-
PK	2.3496G	57.76	74.00	-16.24	31.81	3	H	103	1.59	-
PK	2.44G	75.29	Inf	-Inf	32.09	3	H	103	1.59	-
PK	2.496G	58.62	74.00	-15.38	32.26	3	H	103	1.59	-



BT-LE-NDW4A **Nss1_1TX**
2440MHz_TX



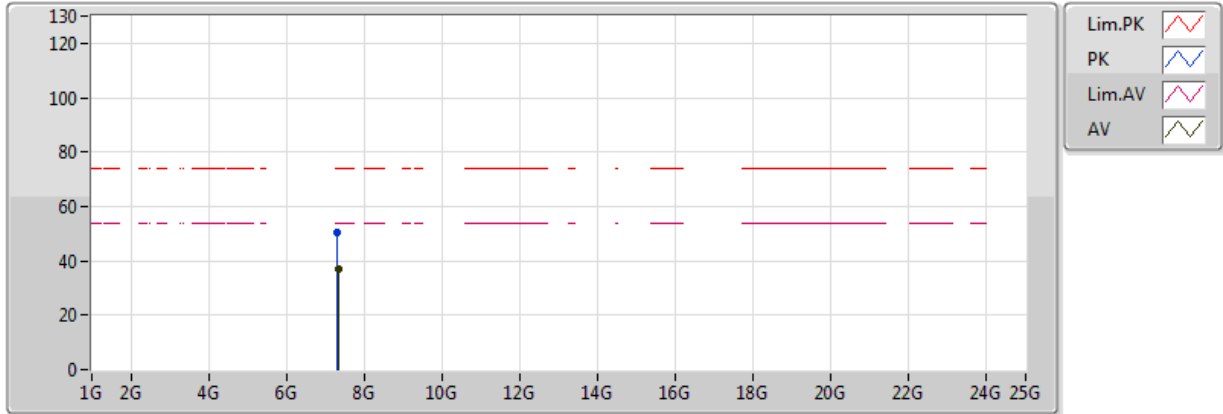
20170610
 EUT Y_1TX
 Default Setting
 02-Z-1
 FSU
 NDW4A

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	7.33098G	37.16	54.00	-16.84	12.24	3	V	30	1.53	-
PK	7.31232G	50.13	74.00	-23.87	12.20	3	V	30	1.53	-

BT-LE-NDW4A

Nss1_1TX

2440MHz_TX



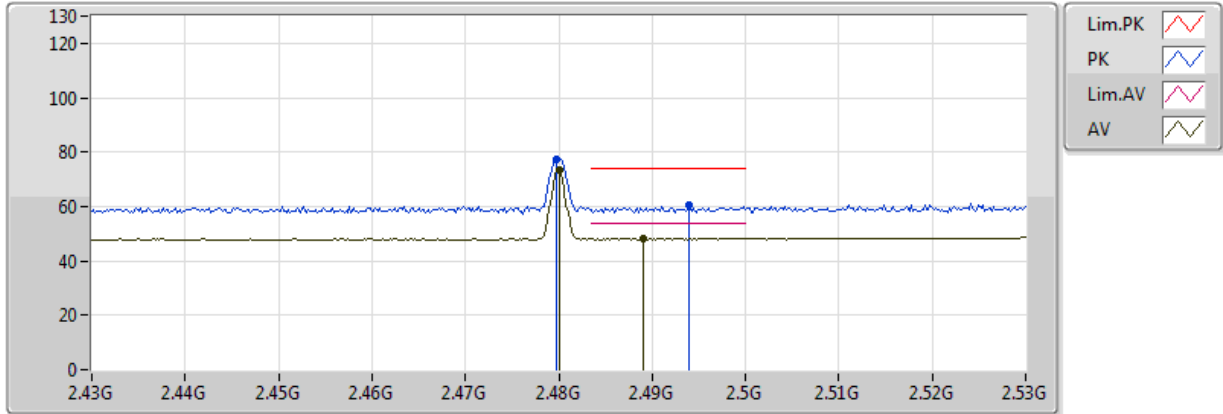
20170610
EUT_Y_1TX
Default Setting
02-Z-1
FSU
NDW4A

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	7.33308G	37.05	54.00	-16.95	12.24	3	H	70	2.40	-
PK	7.31256G	50.37	74.00	-23.63	12.20	3	H	70	2.40	-

BT-LE-NDW4A

Nss1_1TX

2480MHz_TX



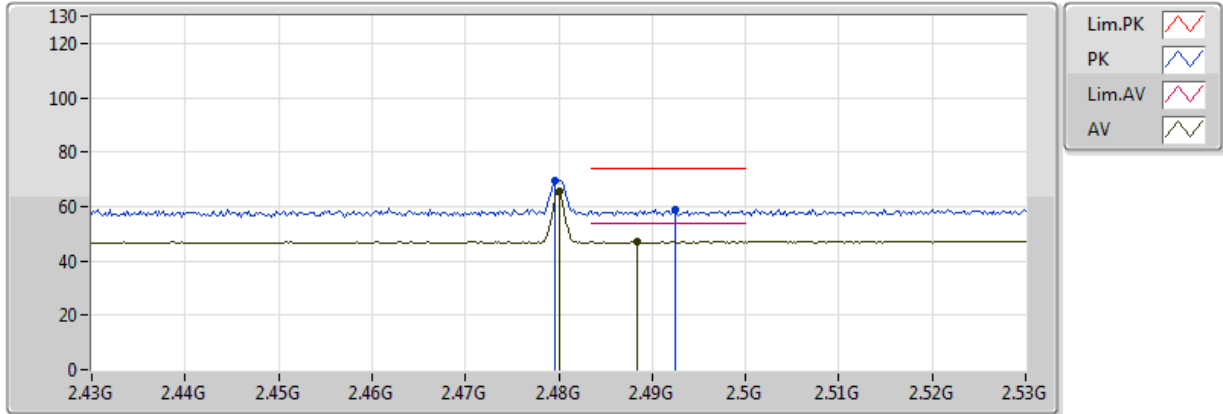
20170610
 EUT_Y_1TX
 Default Setting
 02-Z-1
 FSU
 NDW4A

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.48G	73.42	Inf	-Inf	32.21	3	V	119	2.06	-
AV	2.489G	48.13	54.00	-5.87	32.24	3	V	119	2.06	-
PK	2.4798G	77.35	Inf	-Inf	32.21	3	V	119	2.06	-
PK	2.494G	60.27	74.00	-13.73	32.25	3	V	119	2.06	-

BT-LE-NDW4A

Nss1_1TX

2480MHz_TX



20170610
 EUT_Y_1TX
 Default Setting
 02-Z-1
 FSU
 NDW4A

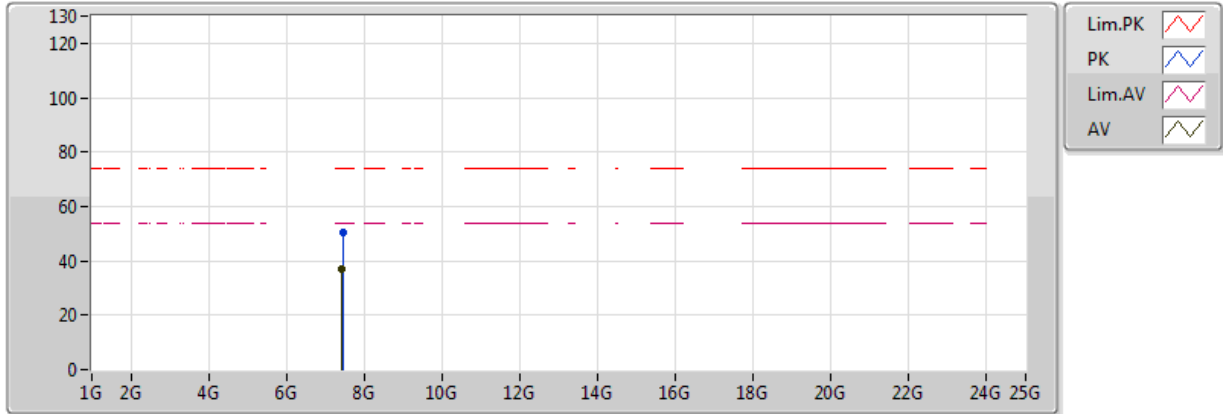
Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.48G	65.31	Inf	-Inf	32.21	3	V	35	1.43	-
AV	2.4884G	46.94	54.00	-7.06	32.24	3	V	35	1.43	-
PK	2.4796G	69.75	Inf	-Inf	32.21	3	V	35	1.43	-
PK	2.4924G	58.79	74.00	-15.21	32.25	3	V	35	1.43	-



BT-LE-NDW4A

Nss1_1TX

2480MHz_TX



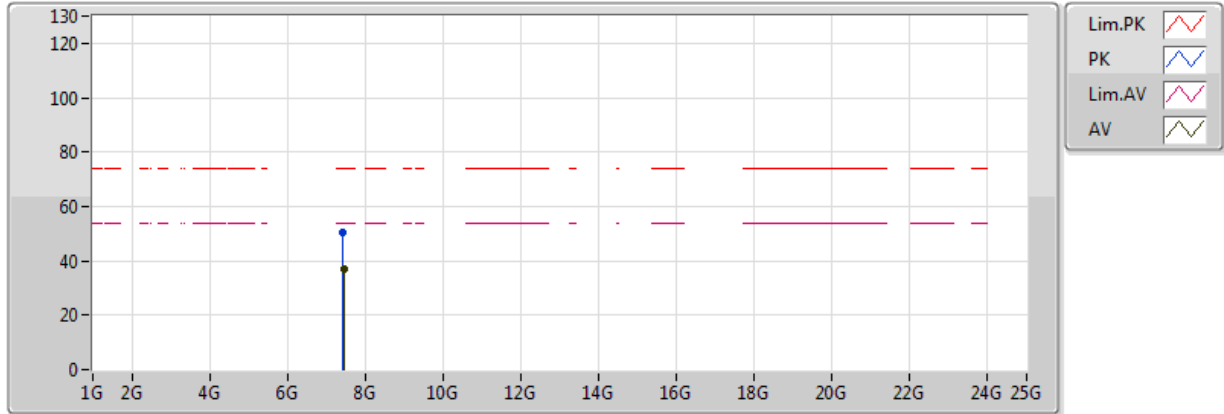
20170610
 EUT_Y_1TX
 Default Setting
 02-Z-1
 FSU
 NDW4A

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	7.42656G	37.08	54.00	-16.92	12.45	3	V	359	1.00	-
PK	7.44138G	50.28	74.00	-23.72	12.49	3	V	359	1.00	-

BT-LE-NDW4A

Nss1_1TX

2480MHz_TX



20170610
 EUT_Y_1TX
 Default Setting
 02-Z-1
 FSU
 NDW4A

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	7.44186G	37.10	54.00	-16.90	12.49	3	H	359	1.00	-
PK	7.43082G	50.54	74.00	-23.46	12.46	3	H	359	1.00	-

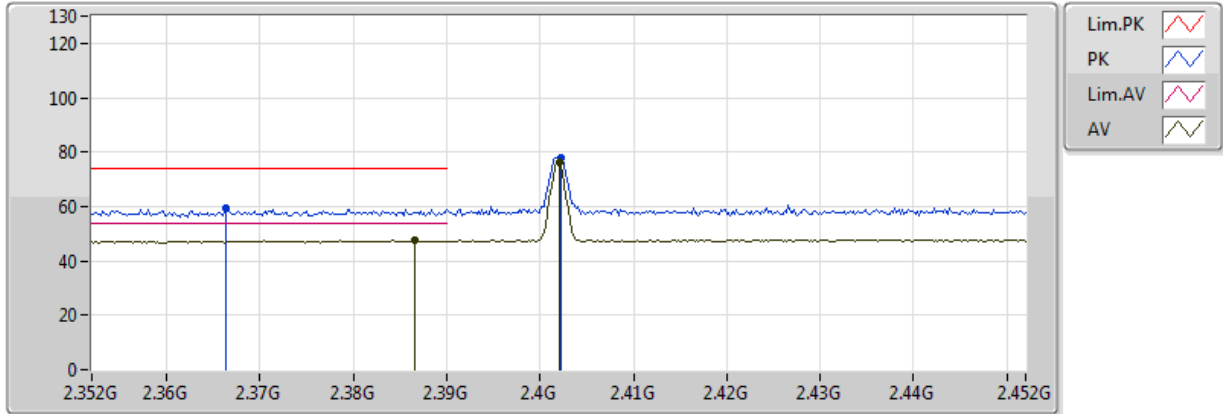


Test Mode: Mode 3
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments
BT-LE-NDW4G_Nss1_1TX	-	-	-	-	-	-	-	-	-	-	-	-
2.4-2.4835GHz	Pass	AV	2.4996G	48.22	54.00	-5.78	32.27	3	H	198	1.29	-

BT-LE-NDW4G_Nss1_1TX

2402MHz_TX

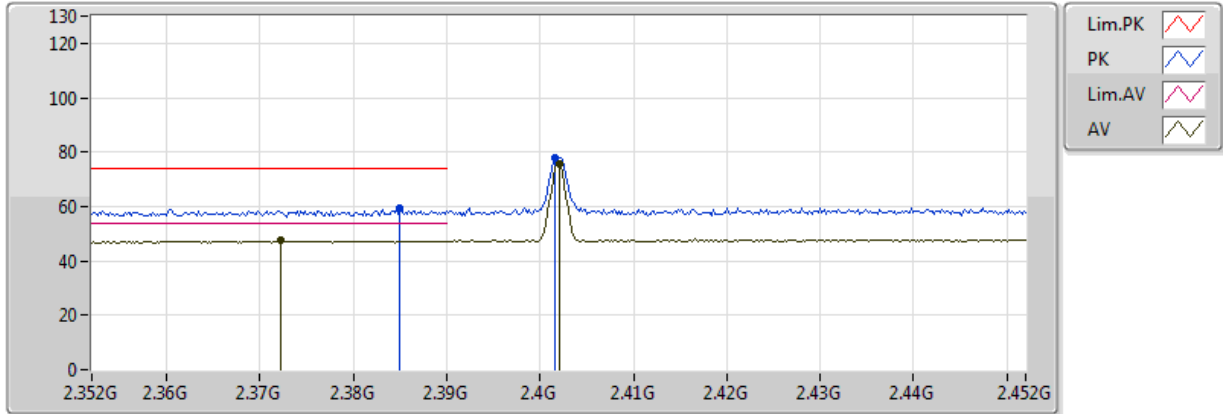


20170609
 EUT_Y_1TX
 Default Setting
 02-W-3
 FSU
 NDW4G

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.3866G	47.60	54.00	-6.40	31.93	3	V	6	1.50	-
AV	2.402G	76.10	Inf	-Inf	31.98	3	V	6	1.50	-
PK	2.3664G	59.60	74.00	-14.40	31.87	3	V	6	1.50	-
PK	2.4022G	77.99	Inf	-Inf	31.98	3	V	6	1.50	-

BT-LE-NDW4G_Nss1_1TX

2402MHz_TX



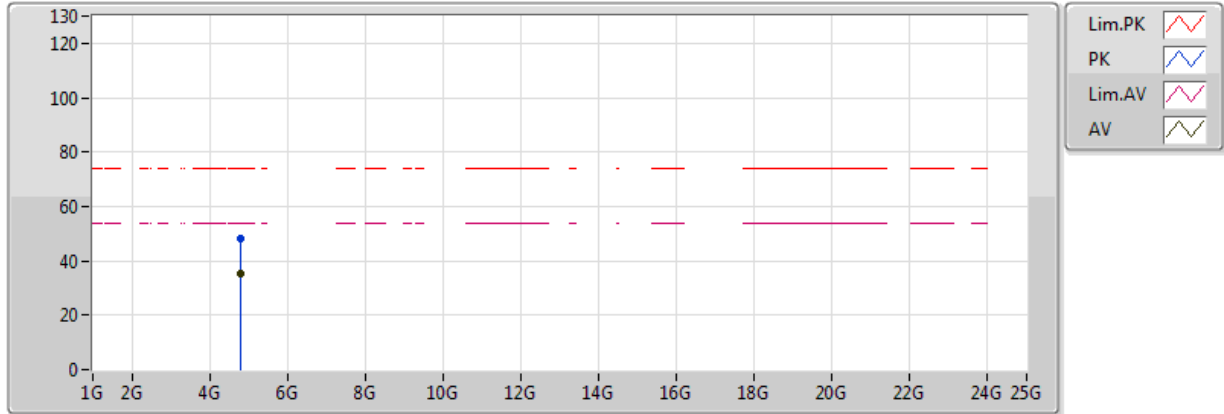
20170609
 EUT_Y_1TX
 Default Setting
 02-W-3
 FSU
 NDW4G

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.3722G	47.36	54.00	-6.64	31.88	3	H	328	1.05	-
AV	2.402G	75.80	Inf	-Inf	31.98	3	H	328	1.05	-
PK	2.385G	59.18	74.00	-14.82	31.92	3	H	328	1.05	-
PK	2.4016G	77.91	Inf	-Inf	31.97	3	H	328	1.05	-



BT-LE-NDW4G_Nss1_1TX

2402MHz_TX

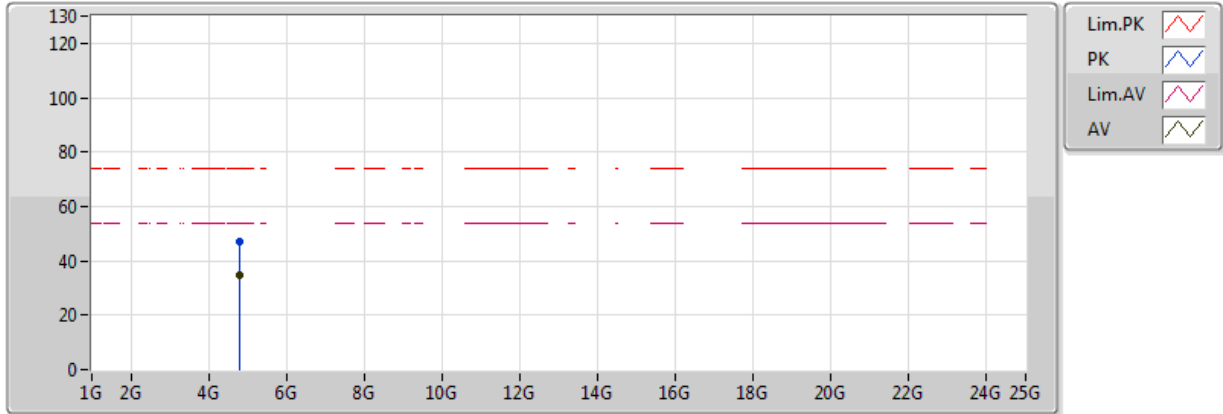


20170609
 EUT Y_1TX
 Default Setting
 02-W-3
 FSU
 NDW4G

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.80357G	35.18	54.00	-18.82	8.02	3	V	189	2.74	-
PK	4.80445G	48.42	74.00	-25.58	8.02	3	V	189	2.74	-

BT-LE-NDW4G_Nss1_1TX

2402MHz_TX

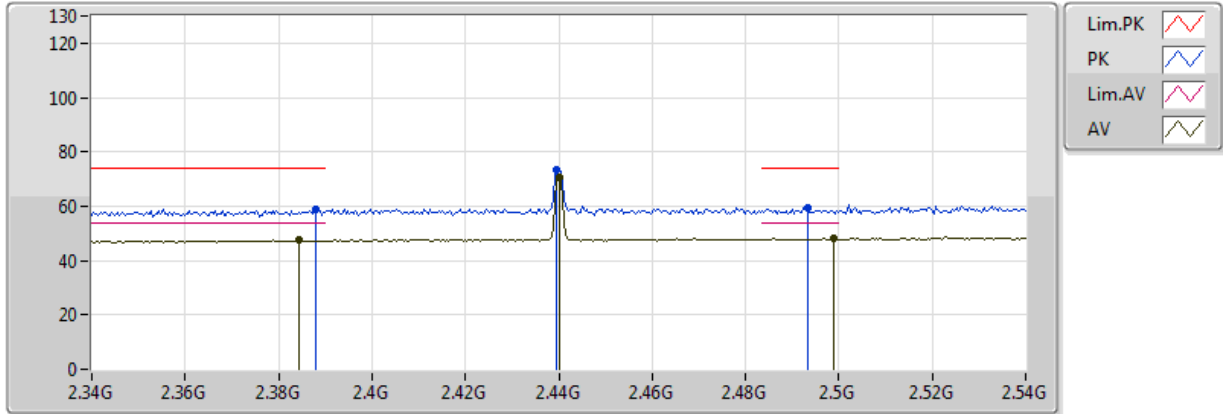


20170609
 EUT Y_1TX
 Default Setting
 02-W-3
 FSU
 NDW4G

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.80344G	34.68	54.00	-19.32	8.02	3	H	73	1.07	-
PK	4.8045G	46.87	74.00	-27.13	8.02	3	H	73	1.07	-

BT-LE-NDW4G_Nss1_1TX

2440MHz_TX

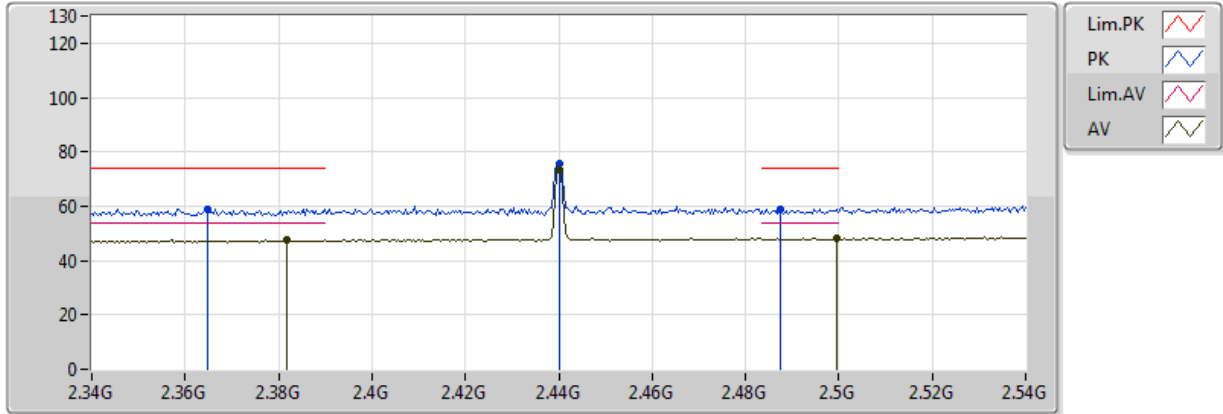


20170609
 EUT Y_1TX
 Default Setting
 02-W-3
 FSU
 NDW4G

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.3844G	47.55	54.00	-6.45	31.92	3	V	134	1.49	-
AV	2.44G	70.65	Inf	-Inf	32.09	3	V	134	1.49	-
AV	2.4988G	48.08	54.00	-5.92	32.27	3	V	134	1.49	-
PK	2.388G	58.79	74.00	-15.21	31.93	3	V	134	1.49	-
PK	2.4396G	73.47	Inf	-Inf	32.09	3	V	134	1.49	-
PK	2.4932G	59.28	74.00	-14.72	32.25	3	V	134	1.49	-

BT-LE-NDW4G_Nss1_1TX

2440MHz_TX

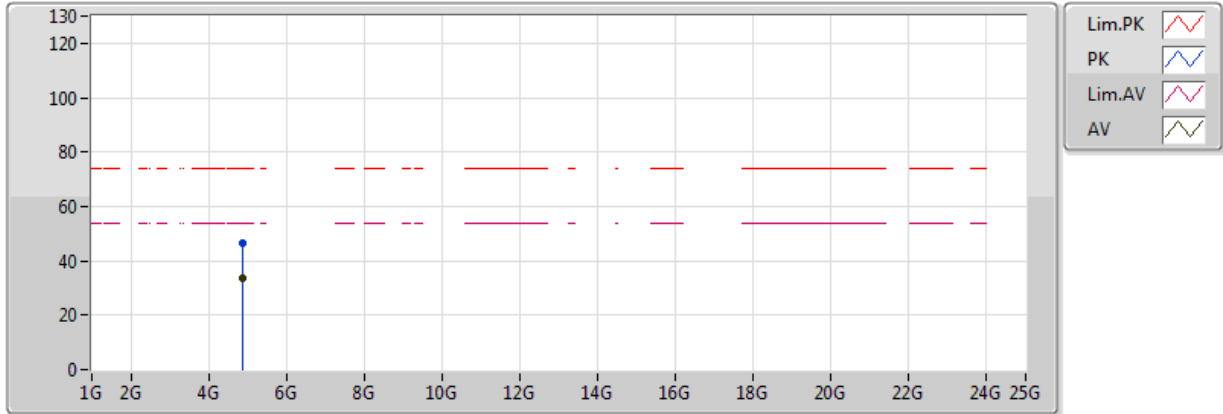


20170609
EUT Y_1TX
Default Setting
02-W-3
FSU
NDW4G

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.3816G	47.55	54.00	-6.45	31.91	3	H	198	1.29	-
AV	2.44G	73.63	Inf	-Inf	32.09	3	H	198	1.29	-
AV	2.4996G	48.22	54.00	-5.78	32.27	3	H	198	1.29	-
PK	2.3648G	58.73	74.00	-15.27	31.86	3	H	198	1.29	-
PK	2.44G	75.69	Inf	-Inf	32.09	3	H	198	1.29	-
PK	2.4876G	59.11	74.00	-14.89	32.23	3	H	198	1.29	-

BT-LE-NDW4G_Nss1_1TX

2440MHz_TX



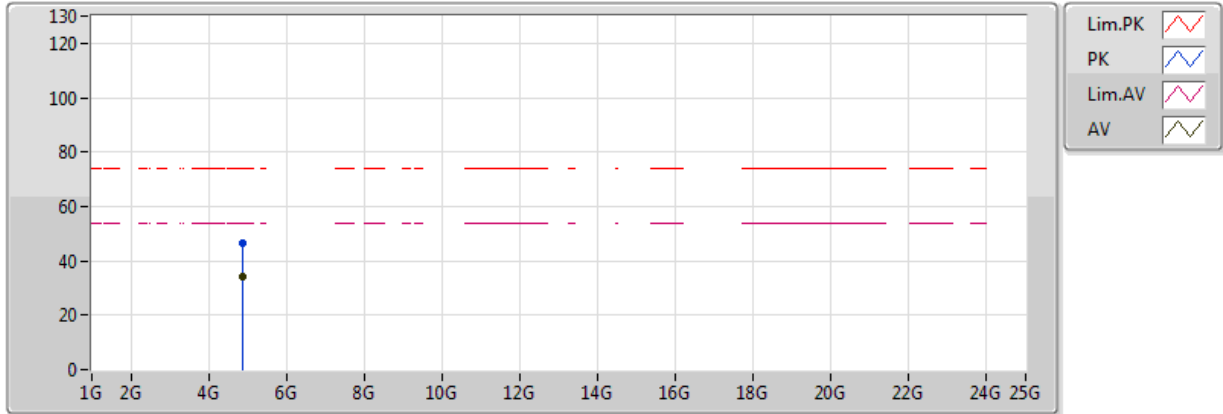
20170609
 EUT Y_1TX
 Default Setting
 02-W-3
 FSU
 NDW4G

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.88002G	33.72	54.00	-20.28	8.26	3	V	340	1.65	-
PK	4.8809G	46.24	74.00	-27.76	8.26	3	V	340	1.65	-



BT-LE-NDW4G_Nss1_1TX

2440MHz_TX

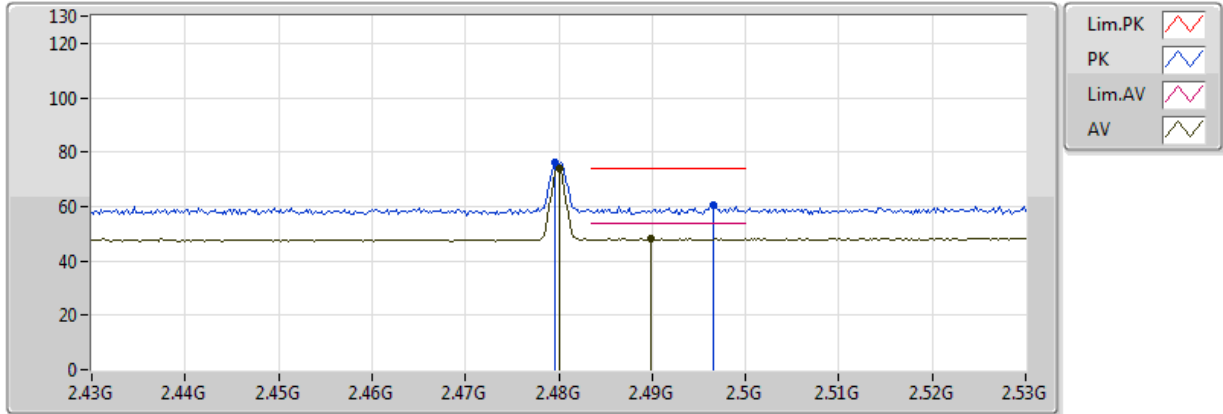


20170609
 EUT_Y_1TX
 Default Setting
 02-W-3
 FSU
 NDW4G

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.88045G	34.14	54.00	-19.86	8.26	3	H	328	1.13	-
PK	4.87983G	46.70	74.00	-27.30	8.26	3	H	328	1.13	-

BT-LE-NDW4G_Nss1_1TX

2480MHz_TX

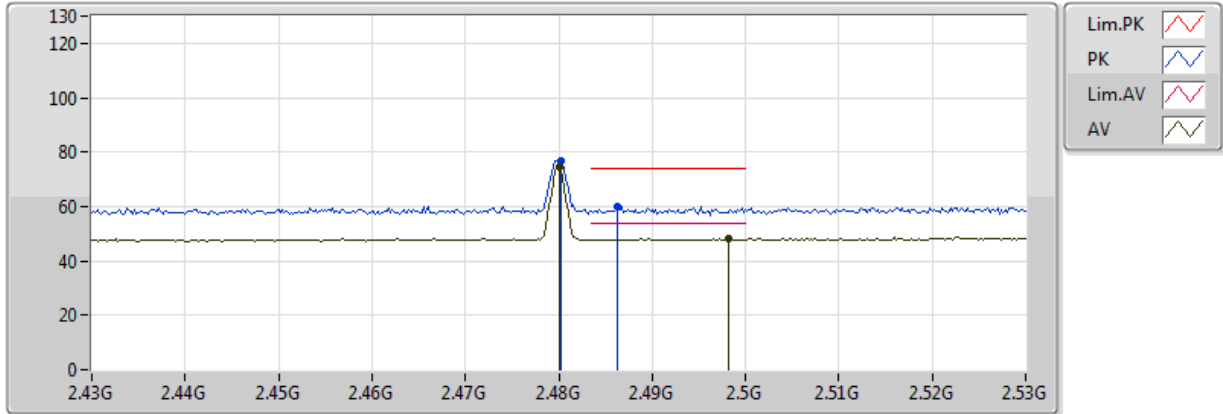


20170609
 EUT_Y_1TX
 Default Setting
 02-W-3
 FSU
 NDW4G

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.48G	73.82	Inf	-Inf	32.21	3	V	163	1.04	-
AV	2.4898G	48.11	54.00	-5.89	32.24	3	V	163	1.04	-
PK	2.4796G	76.09	Inf	-Inf	32.21	3	V	163	1.04	-
PK	2.4966G	60.47	74.00	-13.53	32.26	3	V	163	1.04	-

BT-LE-NDW4G_Nss1_1TX

2480MHz_TX

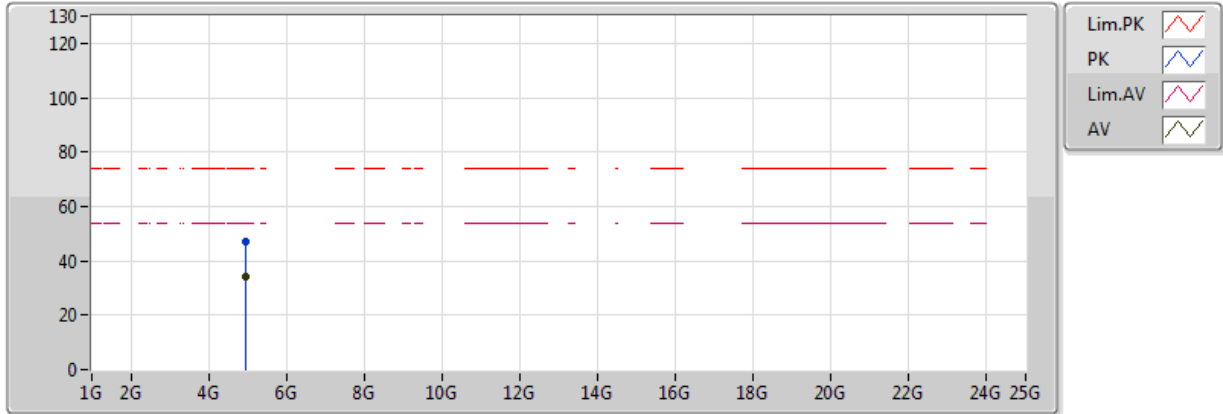


20170609
 EUT_Y_1TX
 Default Setting
 02-W-3
 FSU
 NDW4G

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.48G	74.49	Inf	-Inf	32.21	3	H	211	1.37	-
AV	2.4982G	48.06	54.00	-5.94	32.26	3	H	211	1.37	-
PK	2.4802G	76.64	Inf	-Inf	32.21	3	H	211	1.37	-
PK	2.4862G	60.16	74.00	-13.84	32.23	3	H	211	1.37	-

BT-LE-NDW4G_Nss1_1TX

2480MHz_TX

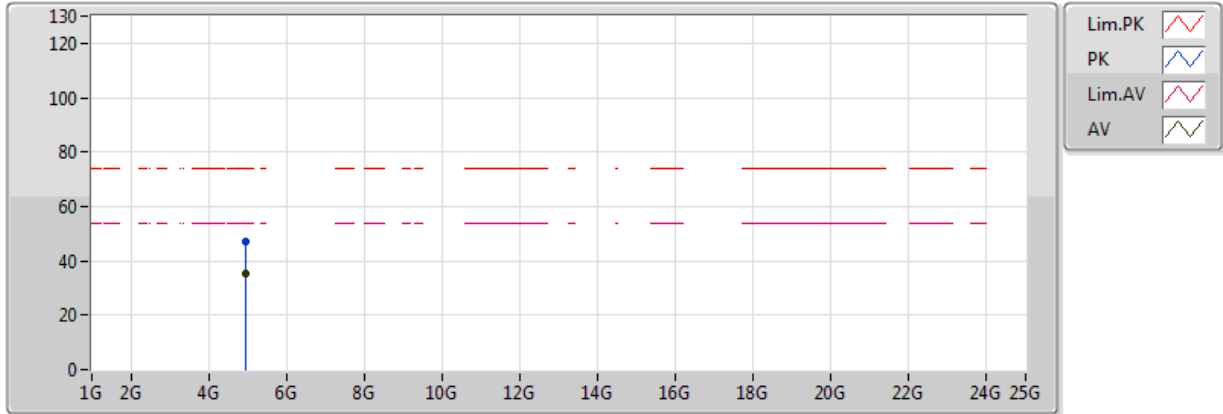


20170609
 EUT Y_1TX
 Default Setting
 02-W-3
 FSU
 NDW4G

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.95929G	34.15	54.00	-19.85	8.50	3	V	225	2.91	-
PK	4.95984G	46.88	74.00	-27.12	8.51	3	V	225	2.91	-

BT-LE-NDW4G_Nss1_1TX

2480MHz_TX



20170609
 EUT Y_1TX
 Default Setting
 02-W-3
 FSU
 NDW4G

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.95943G	35.07	54.00	-18.93	8.50	3	H	27	1.21	-
PK	4.96044G	46.98	74.00	-27.02	8.51	3	H	27	1.21	-

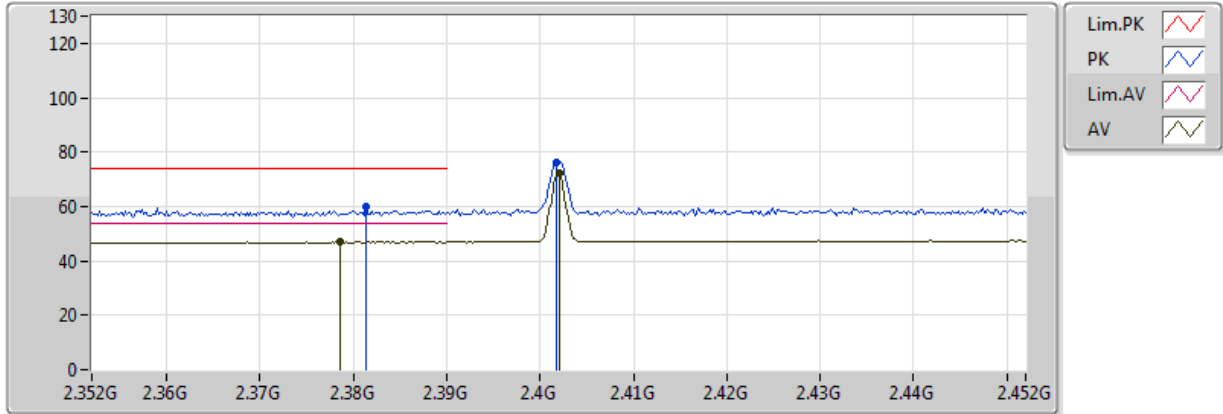


Test Mode: Mode 4
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments
BT-LE-NDW4H_Nss1_1TX	-	-	-	-	-	-	-	-	-	-	-	-
2.4-2.4835GHz	Pass	AV	2.4876G	47.67	54.00	-6.33	32.23	3	H	167	1.06	-

BT-LE-NDW4H_Nss1_1TX

2402MHz_TX

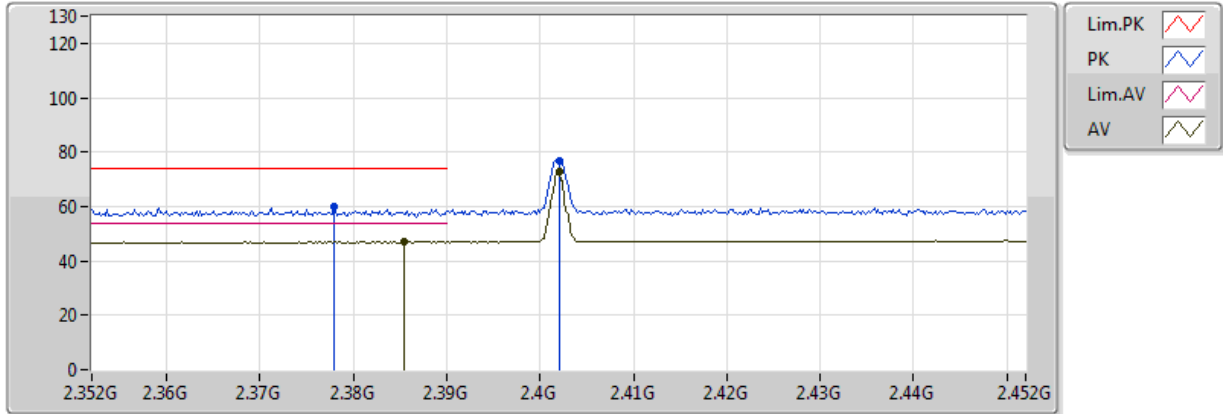


20170609
 EUT_Y_1TX
 Default Setting
 02-W-3
 FSU
 NDW4H

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.3786G	47.08	54.00	-6.92	31.90	3	V	83	1.50	-
AV	2.402G	72.13	Inf	-Inf	31.98	3	V	83	1.50	-
PK	2.3814G	59.97	74.00	-14.03	31.91	3	V	83	1.50	-
PK	2.4018G	76.10	Inf	-Inf	31.98	3	V	83	1.50	-

BT-LE-NDW4H_Nss1_1TX

2402MHz_TX



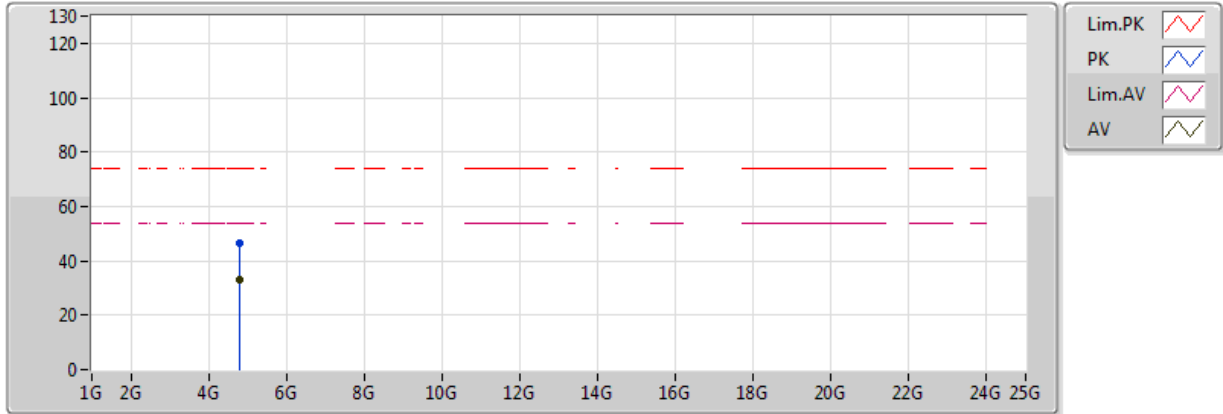
20170609
 EUT_Y_1TX
 Default Setting
 02-W-3
 FSU
 NDW4H

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.3854G	47.11	54.00	-6.89	31.92	3	H	89	1.50	-
AV	2.402G	72.99	Inf	-Inf	31.98	3	H	89	1.50	-
PK	2.378G	60.04	74.00	-13.96	31.90	3	H	89	1.50	-
PK	2.402G	76.95	Inf	-Inf	31.98	3	H	89	1.50	-



BT-LE-NDW4H_Nss1_1TX

2402MHz_TX

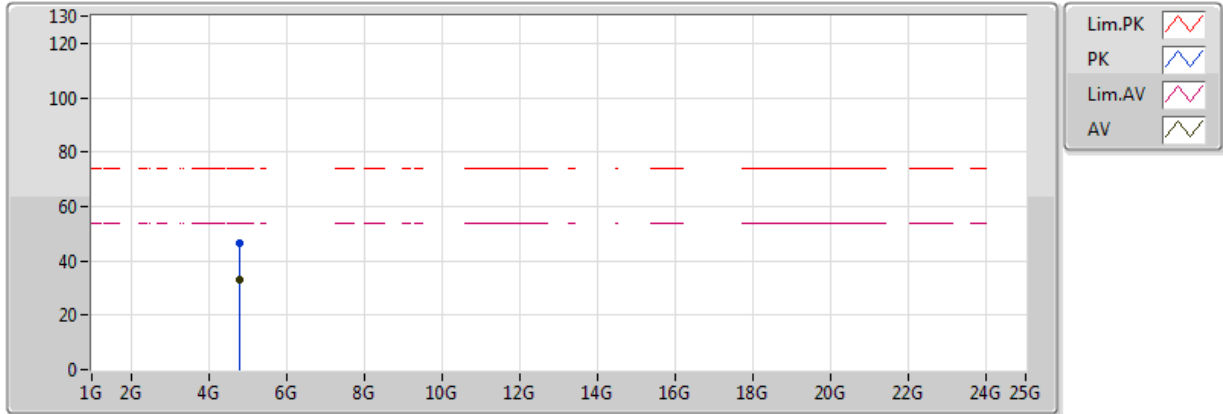


20170609
 EUT_Y_1TX
 Default Setting
 02-W-3
 FSU
 NDW4H

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.804108G	33.23	54.00	-20.77	8.02	3	V	28	1.60	-
PK	4.803996G	46.41	74.00	-27.59	8.02	3	V	28	1.60	-

BT-LE-NDW4H_Nss1_1TX

2402MHz_TX

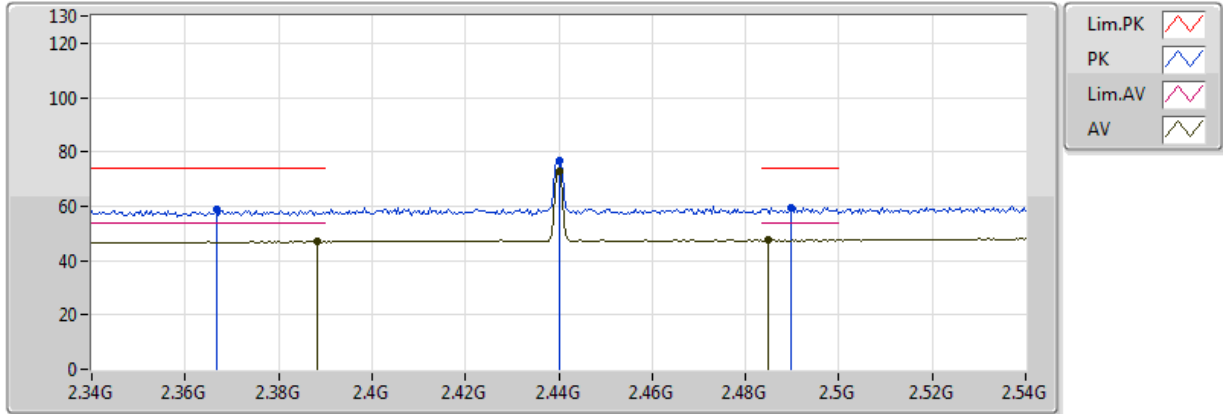


20170609
 EUT_Y_1TX
 Default Setting
 02-W-3
 FSU
 NDW4H

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.804524G	33.10	54.00	-20.90	8.02	3	H	114	1.74	-
PK	4.805G	46.33	74.00	-27.67	8.03	3	H	114	1.74	-

BT-LE-NDW4H_Nss1_1TX

2440MHz_TX

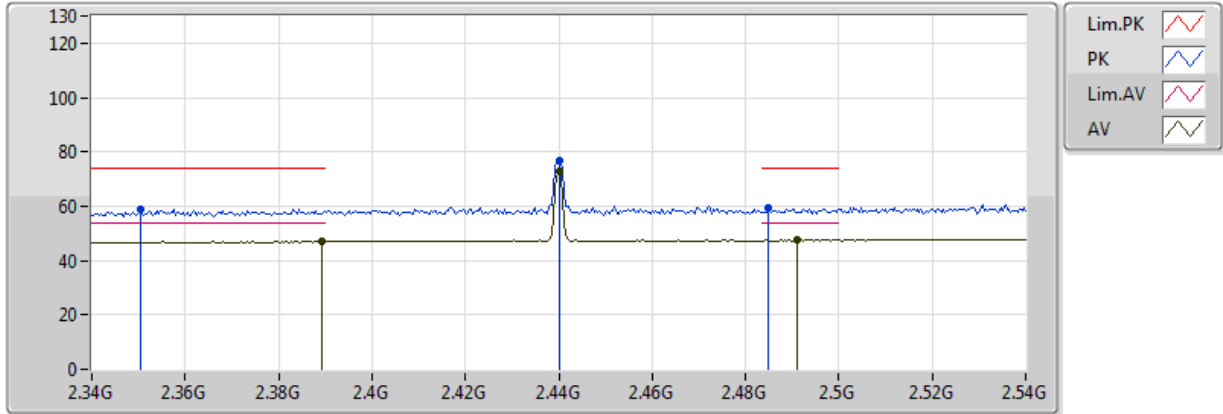


20170609
 EUT Y_1TX
 Default Setting
 02-W-3
 FSU
 NDW4H

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.3884G	47.01	54.00	-6.99	31.93	3	V	175	1.07	-
AV	2.44G	72.59	Inf	-Inf	32.09	3	V	175	1.07	-
AV	2.4848G	47.57	54.00	-6.43	32.22	3	V	175	1.07	-
PK	2.3668G	59.00	74.00	-15.00	31.87	3	V	175	1.07	-
PK	2.44G	76.74	Inf	-Inf	32.09	3	V	175	1.07	-
PK	2.4896G	59.53	74.00	-14.47	32.24	3	V	175	1.07	-

BT-LE-NDW4H_Nss1_1TX

2440MHz_TX

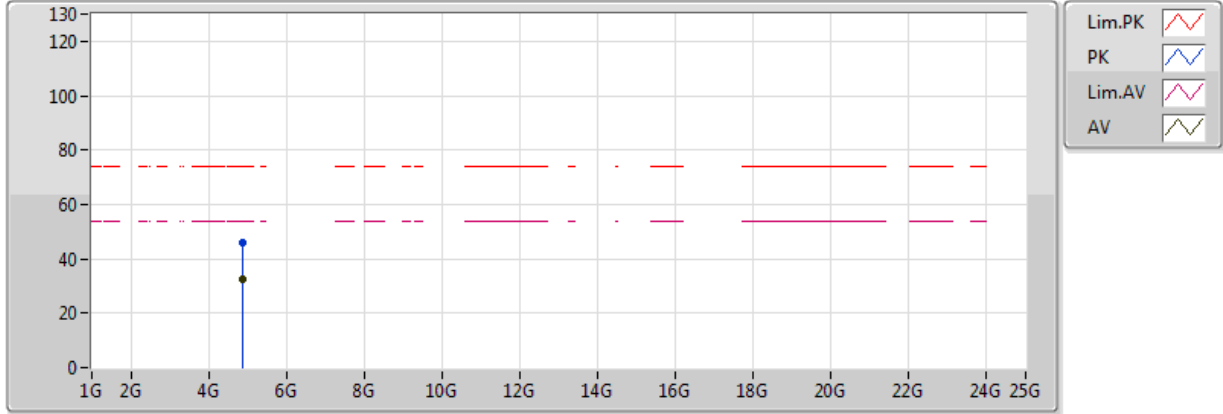


20170609
 EUT Y_1TX
 Default Setting
 02-W-3
 FSU
 NDW4H

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.3892G	47.00	54.00	-7.00	31.94	3	H	93	1.53	-
AV	2.44G	72.91	Inf	-Inf	32.09	3	H	93	1.53	-
AV	2.4912G	47.66	54.00	-6.34	32.24	3	H	93	1.53	-
PK	2.3504G	59.01	74.00	-14.99	31.82	3	H	93	1.53	-
PK	2.44G	76.99	Inf	-Inf	32.09	3	H	93	1.53	-
PK	2.4848G	59.29	74.00	-14.71	32.22	3	H	93	1.53	-

BT-LE-NDW4H_Nss1_1TX

2440MHz_TX

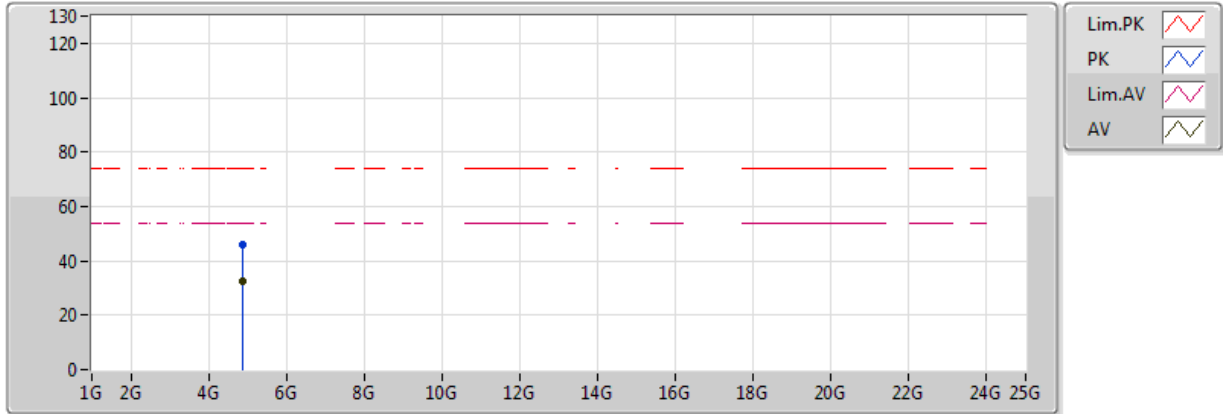


20170609
 EUT Y_1TX
 Default Setting
 02-W-3
 FSU
 NDW4H

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.880124G	32.63	54.00	-21.37	8.26	3	V	150	2.33	-
PK	4.880084G	45.92	74.00	-28.08	8.26	3	V	150	2.33	-

BT-LE-NDW4H_Nss1_1TX

2440MHz_TX

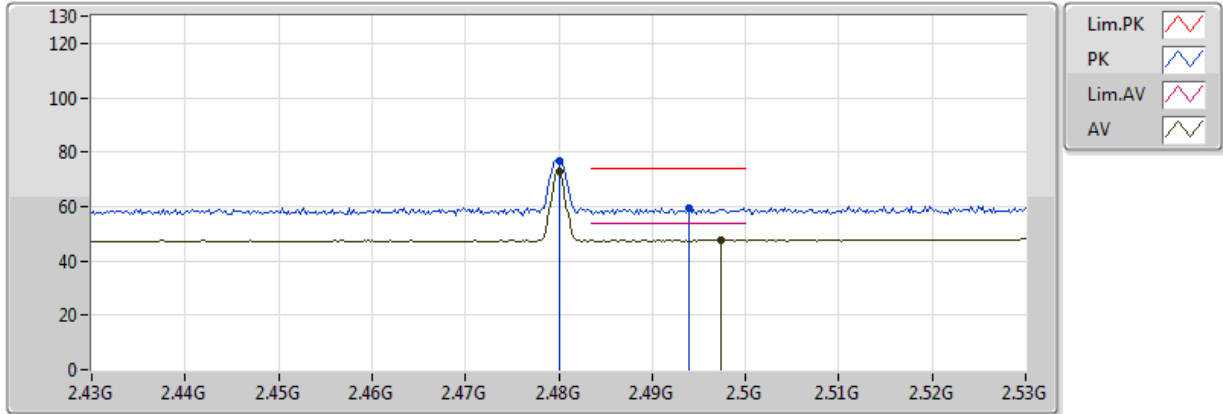


20170609
 EUT_Y_1TX
 Default Setting
 02-W-3
 FSU
 NDW4H

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.880236G	32.53	54.00	-21.47	8.26	3	H	227	1.98	-
PK	4.879664G	46.08	74.00	-27.92	8.26	3	H	227	1.98	-

BT-LE-NDW4H_Nss1_1TX

2480MHz_TX

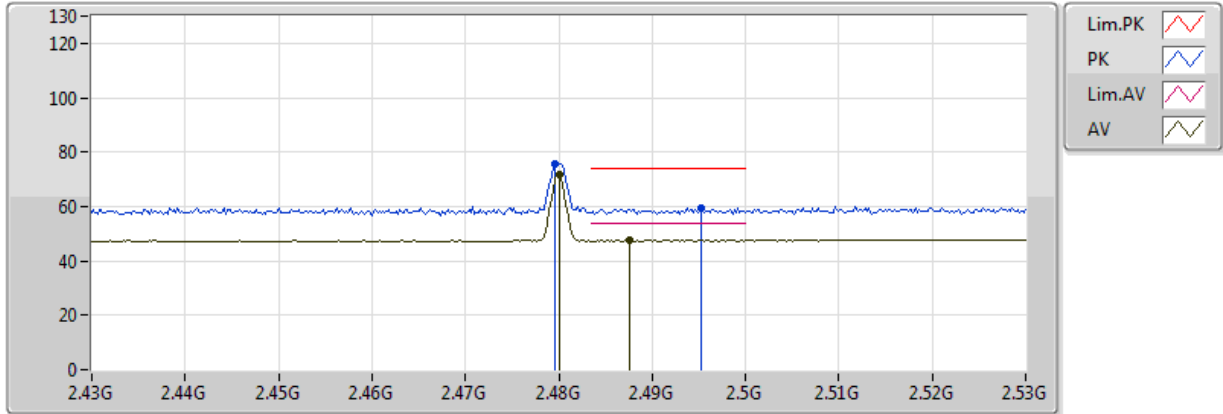


20170609
EUT_Y_1TX
Default Setting
02-W-3
FSU
NDW4H

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.48G	72.82	Inf	-Inf	32.21	3	V	169	1.10	-
AV	2.4974G	47.61	54.00	-6.39	32.26	3	V	169	1.10	-
PK	2.48G	76.81	Inf	-Inf	32.21	3	V	169	1.10	-
PK	2.494G	59.67	74.00	-14.33	32.25	3	V	169	1.10	-

BT-LE-NDW4H_Nss1_1TX

2480MHz_TX

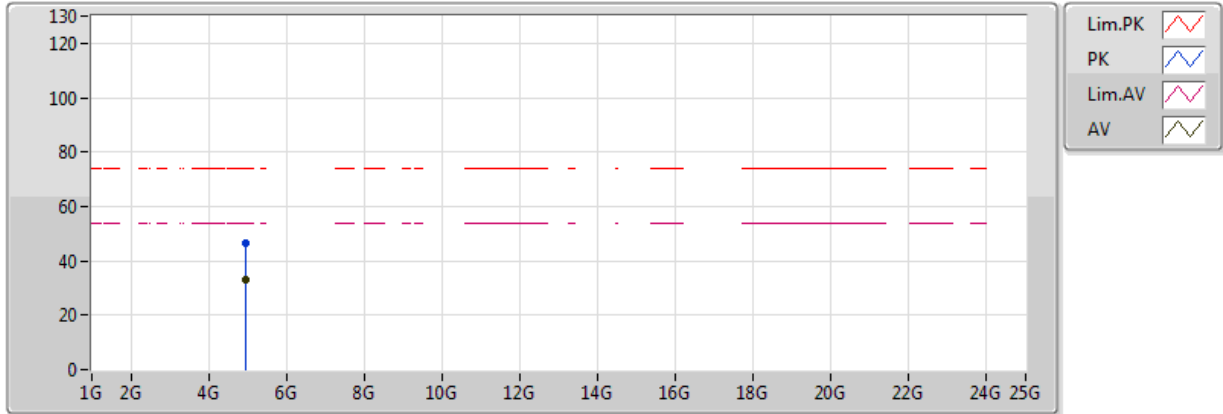


20170609
 EUT_Y_1TX
 Default Setting
 02-W-3
 FSU
 NDW4H

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.48G	71.90	Inf	-Inf	32.21	3	H	167	1.06	-
AV	2.4876G	47.67	54.00	-6.33	32.23	3	H	167	1.06	-
PK	2.4796G	75.87	Inf	-Inf	32.21	3	H	167	1.06	-
PK	2.4952G	59.67	74.00	-14.33	32.26	3	H	167	1.06	-

BT-LE-NDW4H_Nss1_1TX

2480MHz_TX



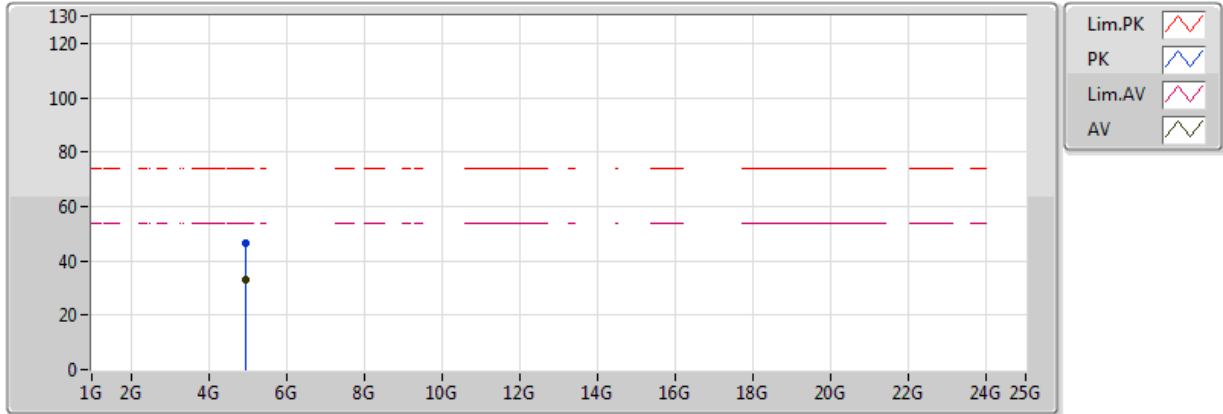
20170609
 EUT_Y_1TX
 Default Setting
 02-W-3
 FSU
 NDW4H

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.96246G	33.33	54.00	-20.67	8.51	3	V	205	1.20	-
PK	4.96036G	46.74	74.00	-27.26	8.51	3	V	205	1.20	-



BT-LE-NDW4H_Nss1_1TX

2480MHz_TX



20170609
 EUT Y_1TX
 Default Setting
 02-W-3
 FSU
 NDW4H

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.96053G	33.08	54.00	-20.92	8.51	3	H	280	1.55	-
PK	4.96058G	46.77	74.00	-27.23	8.51	3	H	280	1.55	-

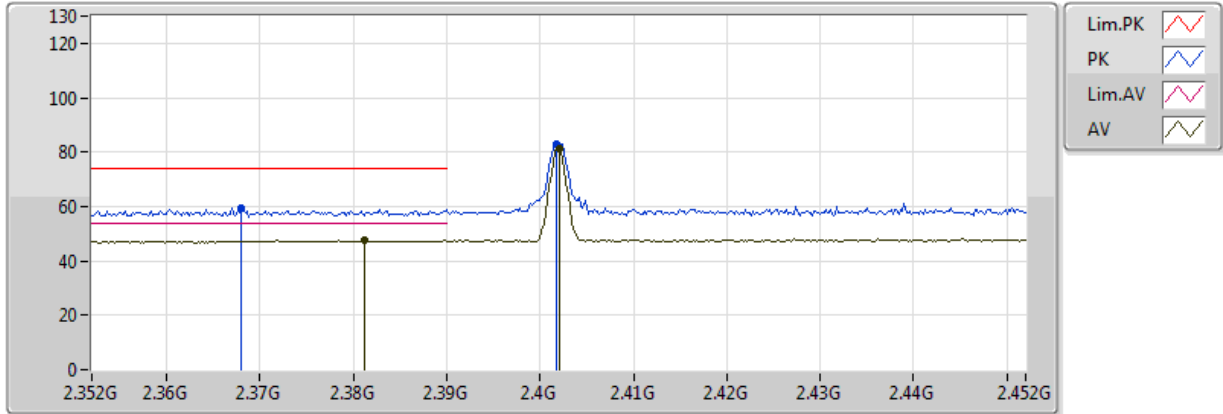


Test Mode: Mode 5
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments
BT-LE-NDW4J_Nss1_1TX	-	-	-	-	-	-	-	-	-	-	-	-
2.4-2.4835GHz	Pass	AV	2.491G	47.77	54.00	-6.23	32.24	3	V	143	1.33	-

BT-LE-NDW4J_Nss1_1TX

2402MHz_TX

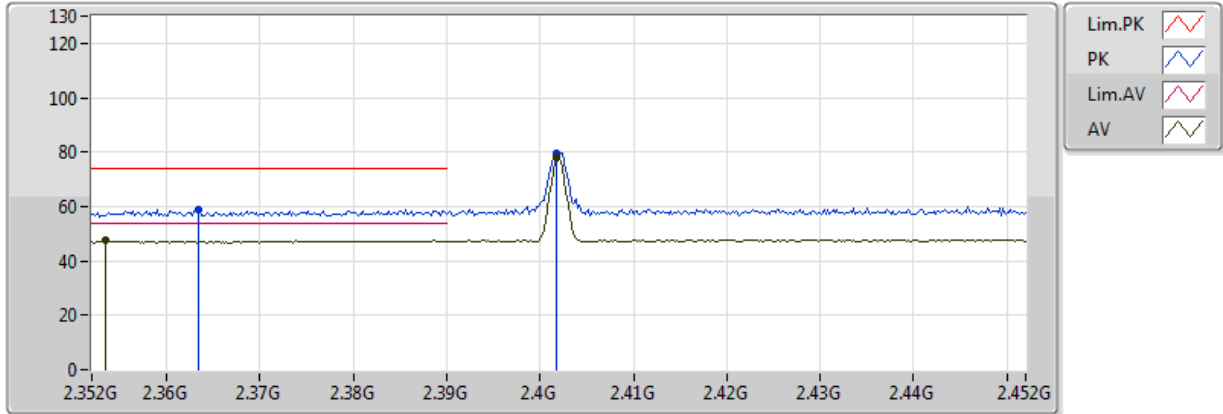


20170609
 EUT_Y_1TX
 Default Setting
 02-W-3
 FSU
 NDW4J

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.3812G	47.52	54.00	-6.48	31.91	3	V	177	1.01	-
AV	2.402G	81.44	Inf	-Inf	31.98	3	V	177	1.01	-
PK	2.368G	59.38	74.00	-14.62	31.87	3	V	177	1.01	-
PK	2.4018G	83.15	Inf	-Inf	31.98	3	V	177	1.01	-

BT-LE-NDW4J_Nss1_1TX

2402MHz_TX



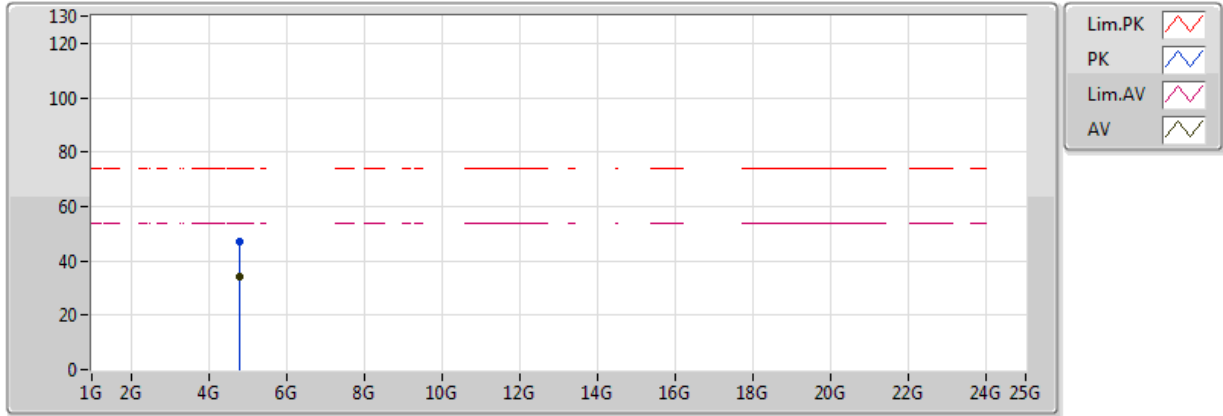
20170609
 EUT Y_1TX
 Default Setting
 02-W-3
 FSU
 NDW4J

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.3534G	47.46	54.00	-6.54	31.83	3	H	59	1.46	-
AV	2.4018G	77.89	Inf	-Inf	31.98	3	H	59	1.46	-
PK	2.3634G	58.82	74.00	-15.18	31.86	3	H	59	1.46	-
PK	2.4018G	79.84	Inf	-Inf	31.98	3	H	59	1.46	-



BT-LE-NDW4J_Nss1_1TX

2402MHz_TX



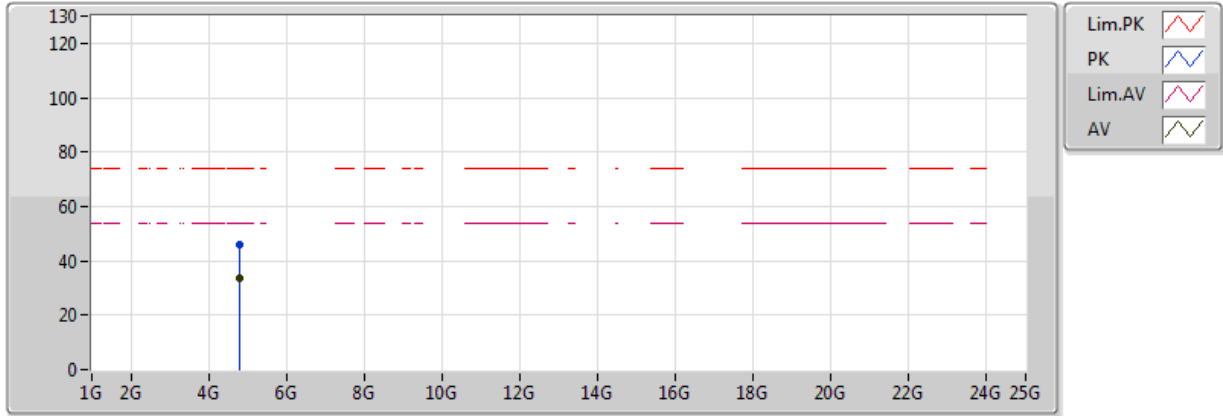
20170609
 EUT_Y_1TX
 Default Setting
 02-W-3
 FSU
 NDW4J

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.80426G	34.27	54.00	-19.73	8.02	3	V	316	1.73	-
PK	4.80426G	47.02	74.00	-26.98	8.02	3	V	316	1.73	-



BT-LE-NDW4J_Nss1_1TX

2402MHz_TX

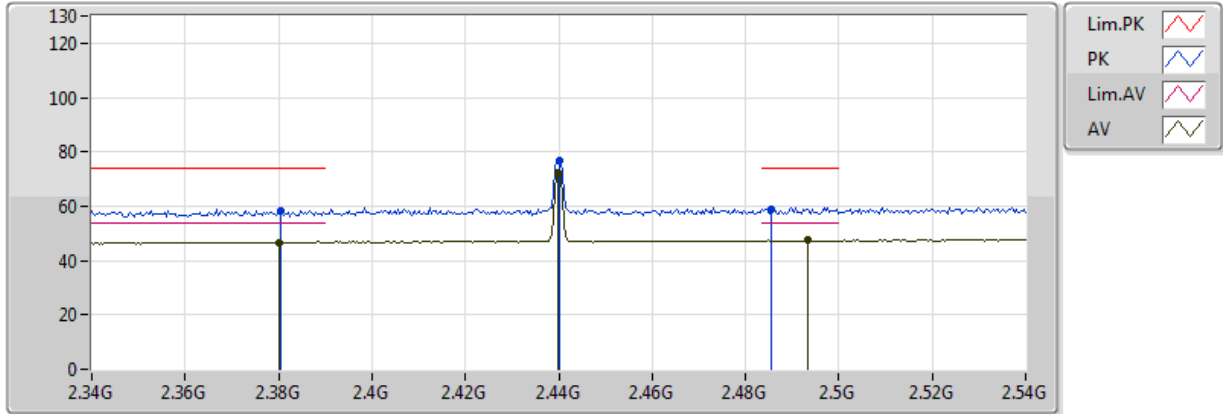


20170609
 EUT_Y_1TX
 Default Setting
 02-W-3
 FSU
 NDW4J

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.80444G	33.86	54.00	-20.14	8.02	3	H	287	1.21	-
PK	4.80482G	46.19	74.00	-27.81	8.02	3	H	287	1.21	-

BT-LE-NDW4J_Nss1_1TX

2440MHz_TX

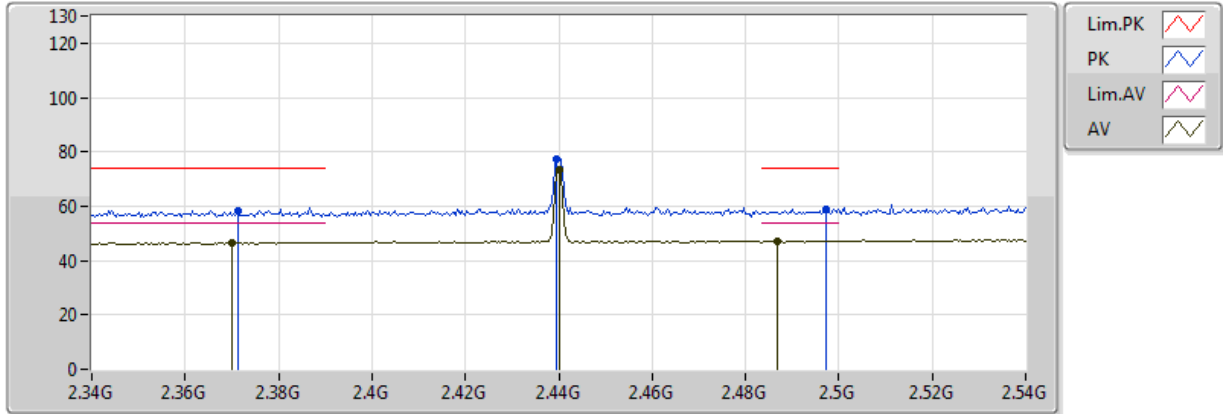


20170610
 EUT Y_1TX
 Default Setting
 02-Z-1
 FSU
 NDW4J

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.38G	46.77	54.00	-7.23	31.91	3	V	112	1.63	-
AV	2.4398G	72.39	Inf	-Inf	32.09	3	V	112	1.63	-
AV	2.4932G	47.36	54.00	-6.64	32.25	3	V	112	1.63	-
PK	2.3804G	58.30	74.00	-15.70	31.91	3	V	112	1.63	-
PK	2.44G	76.54	Inf	-Inf	32.09	3	V	112	1.63	-
PK	2.4856G	59.10	74.00	-14.90	32.23	3	V	112	1.63	-

BT-LE-NDW4J_Nss1_1TX

2440MHz_TX



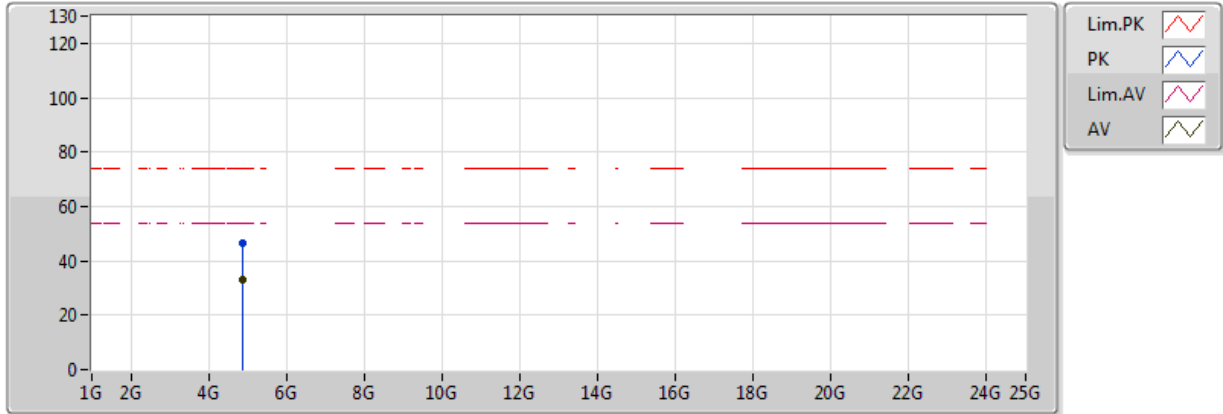
20170610
EUT Y_1TX
Default Setting
02-Z-1
FSU
NDW4J

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.37G	46.40	54.00	-7.60	31.88	3	H	111	2.71	-
AV	2.44G	73.64	Inf	-Inf	32.09	3	H	111	2.71	-
AV	2.4868G	47.10	54.00	-6.90	32.23	3	H	111	2.71	-
PK	2.3712G	58.04	74.00	-15.96	31.88	3	H	111	2.71	-
PK	2.4396G	77.44	Inf	-Inf	32.09	3	H	111	2.71	-
PK	2.4972G	58.63	74.00	-15.37	32.26	3	H	111	2.71	-



BT-LE-NDW4J_Nss1_1TX

2440MHz_TX



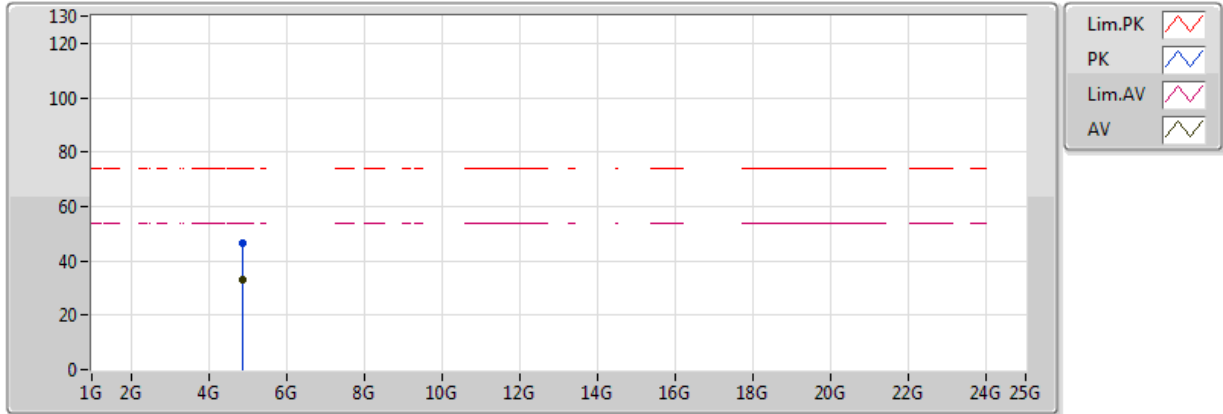
20170610
 EUT Y_1TX
 Default Setting
 02-Z-1
 FSU
 NDW4J

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.86524G	33.29	54.00	-20.71	8.21	3	V	83	2.18	-
PK	4.87976G	46.49	74.00	-27.51	8.26	3	V	83	2.18	-



BT-LE-NDW4J_Nss1_1TX

2440MHz_TX

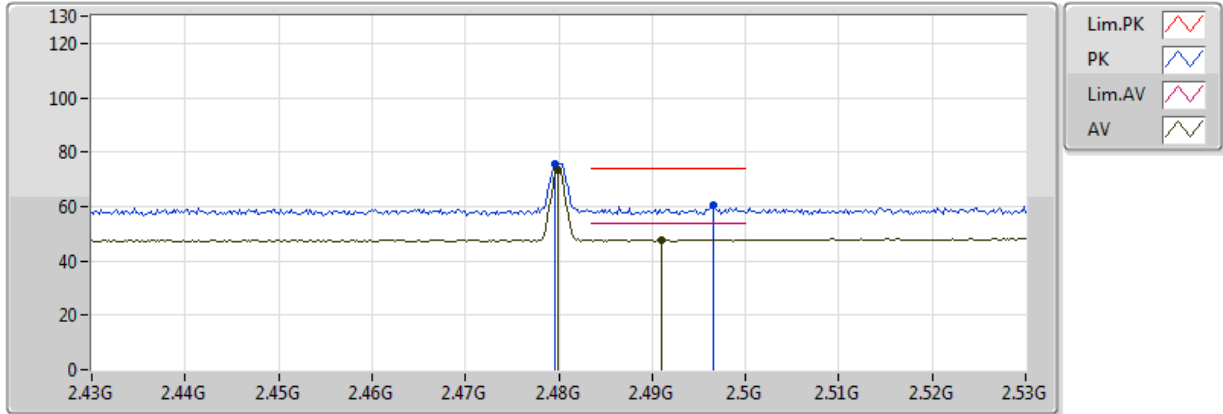


20170610
 EUT Y_1TX
 Default Setting
 02-Z-1
 FSU
 NDW4J

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.86608G	33.17	54.00	-20.83	8.21	3	H	286	1.19	-
PK	4.87112G	46.27	74.00	-27.73	8.23	3	H	286	1.19	-

BT-LE-NDW4J_Nss1_1TX

2480MHz_TX

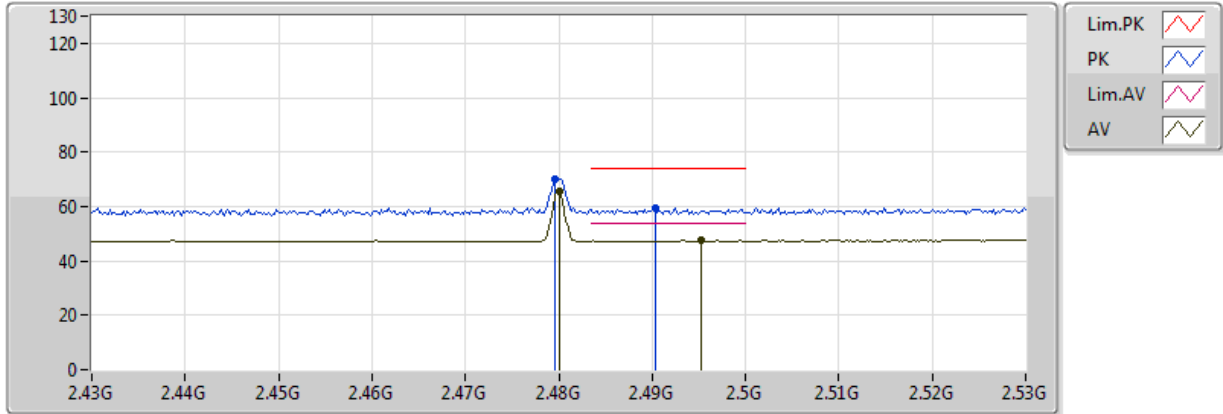


20170610
 EUT_Y_1TX
 Default Setting
 02-Z-1
 FSU
 NDW4J

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.4799G	73.62	Inf	-Inf	32.21	3	V	143	1.33	-
AV	2.491G	47.77	54.00	-6.23	32.24	3	V	143	1.33	-
PK	2.4796G	75.89	Inf	-Inf	32.21	3	V	143	1.33	-
PK	2.4966G	60.27	74.00	-13.73	32.26	3	V	143	1.33	-

BT-LE-NDW4J_Nss1_1TX

2480MHz_TX

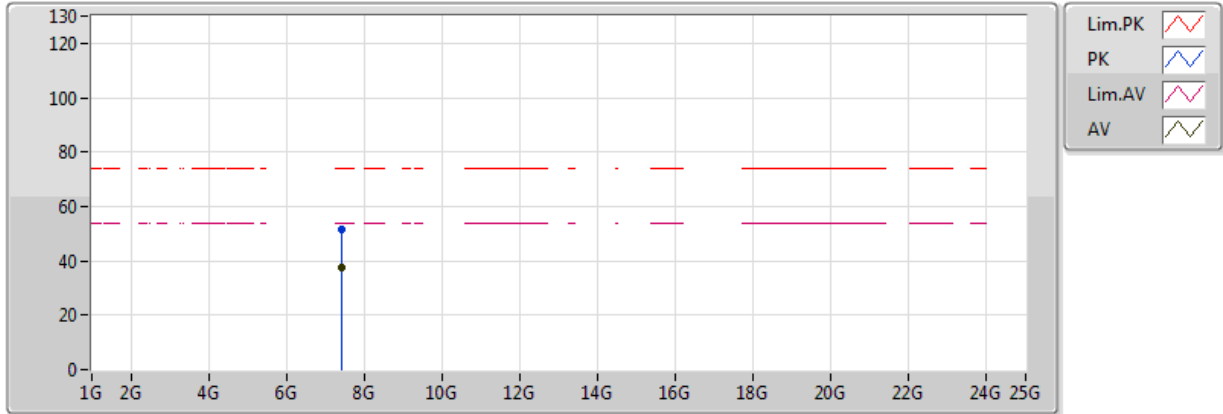


20170610
 EUT Y_1TX
 Default Setting
 02-Z-1
 FSU
 NDW4J

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.48G	65.71	Inf	-Inf	32.21	3	V	11	1.36	-
AV	2.4952G	47.47	54.00	-6.53	32.26	3	V	11	1.36	-
PK	2.4796G	70.15	Inf	-Inf	32.21	3	V	11	1.36	-
PK	2.4904G	59.37	74.00	-14.63	32.24	3	V	11	1.36	-

BT-LE-NDW4J_Nss1_1TX

2480MHz_TX

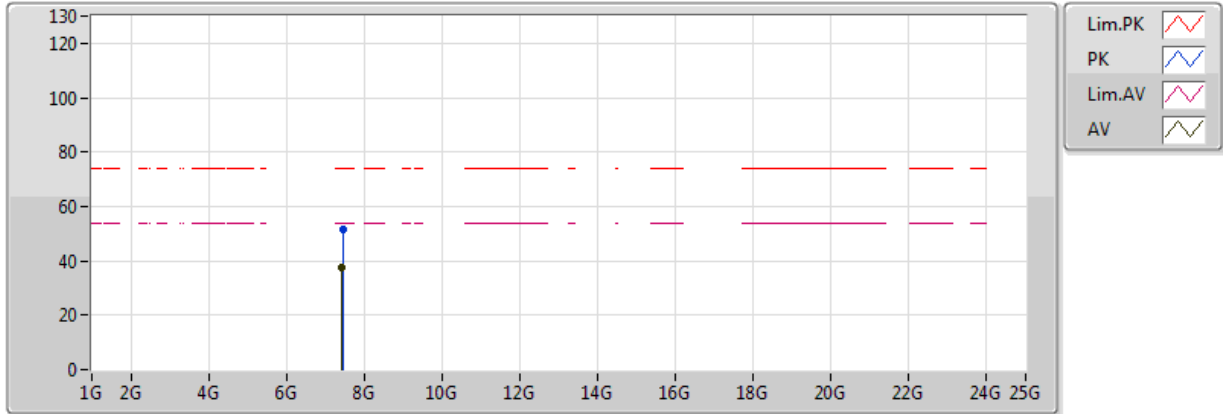


20170610
EUT_Y_1TX
Default Setting
02-Z-1
FSU
NDW4J

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	7.42974G	37.62	54.00	-16.38	12.46	3	V	231	1.50	-
PK	7.43832G	51.71	74.00	-22.29	12.48	3	V	231	1.50	-

BT-LE-NDW4J_Nss1_1TX

2480MHz_TX



20170610
 EUT Y_1TX
 Default Setting
 02-Z-1
 FSU
 NDW4J

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	7.43688G	37.64	54.00	-16.36	12.48	3	H	58	2.09	-
PK	7.45008G	51.52	74.00	-22.48	12.51	3	H	58	2.09	-



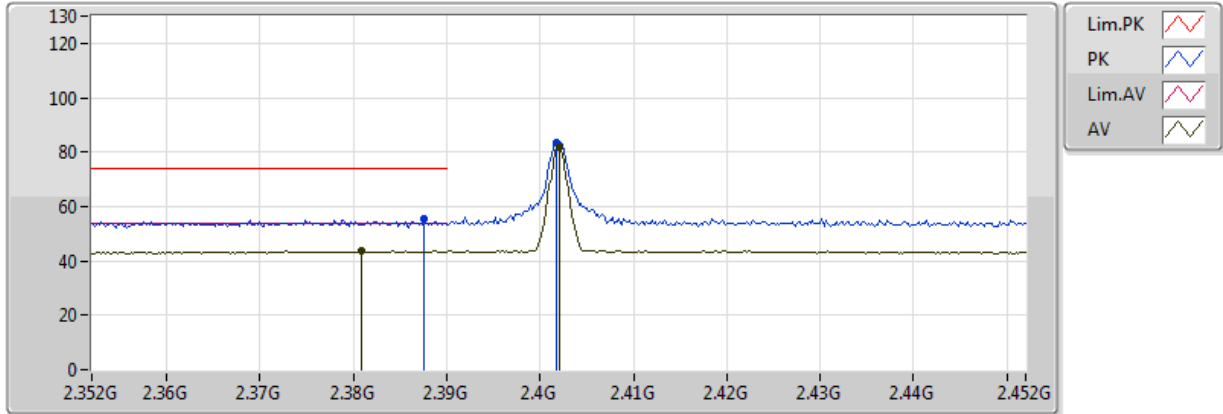
Test Mode: Mode 6
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments
BT-LE-NDW4J Metallic Watch Band_Nss1_1TX	-	-	-	-	-	-	-	-	-	-	-	-
2.4-2.4835GHz	Pass	AV	2.4874G	43.66	54.00	-10.34	30.92	3	H	42	1.37	-

BT-LE-NDW4J

Nss1_1TX

2402MHz_TX



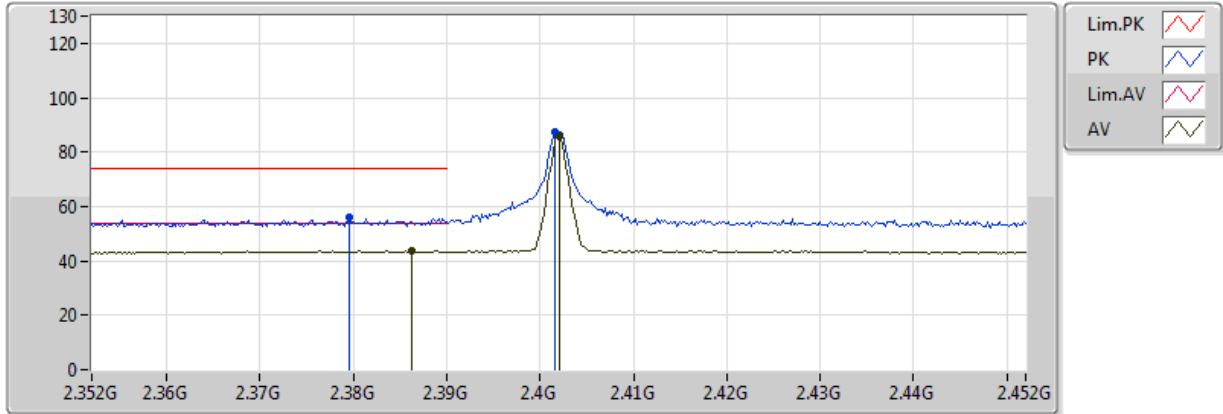
20170621
 EUT_Y_1TX
 Default Setting
 01-W-3
 FSP(100056)
 NDW4J

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.3808G	43.62	54.00	-10.38	31.05	3	V	199	1.00	-
AV	2.402G	81.77	Inf	-Inf	31.02	3	V	199	1.00	-
PK	2.3876G	55.73	74.00	-18.27	31.04	3	V	199	1.00	-
PK	2.4018G	83.31	Inf	-Inf	31.02	3	V	199	1.00	-

BT-LE-NDW4J

Nss1_1TX

2402MHz_TX



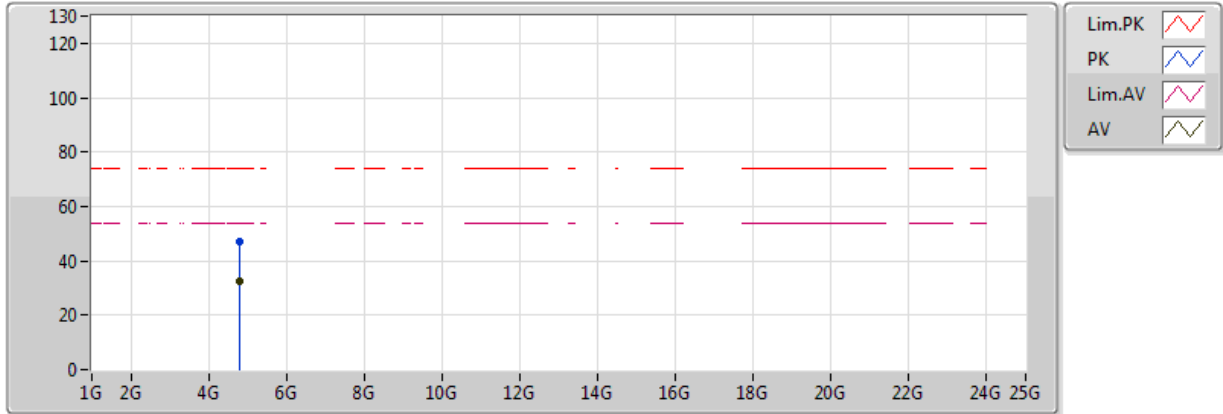
20170621
 EUT_Y_1TX
 Default Setting
 01-W-3
 FSP(100056)
 NDW4J

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.3862G	43.64	54.00	-10.36	31.04	3	H	109	1.10	-
AV	2.402G	85.93	Inf	-Inf	31.02	3	H	109	1.10	-
PK	2.3796G	55.95	74.00	-18.05	31.05	3	H	109	1.10	-
PK	2.4016G	87.38	Inf	-Inf	31.02	3	H	109	1.10	-

BT-LE-NDW4J

Nss1_1TX

2402MHz_TX



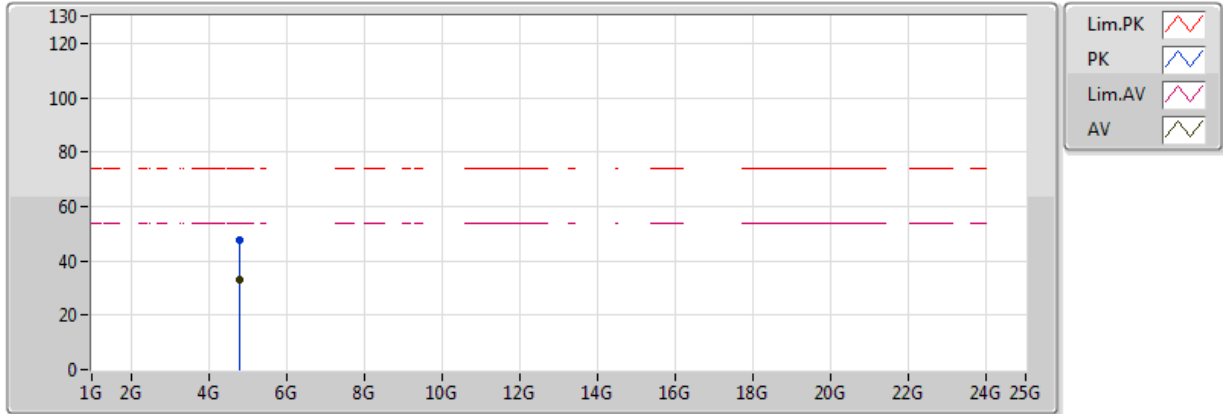
20170621
 EUT_Y_1TX
 Default Setting
 01-W-3
 FSP(100056)
 NDW4J

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.8042G	32.50	54.00	-21.50	3.34	3	V	357	1.50	-
PK	4.8068G	46.84	74.00	-27.16	3.35	3	V	357	1.50	-

BT-LE-NDW4J

Nss1_1TX

2402MHz_TX



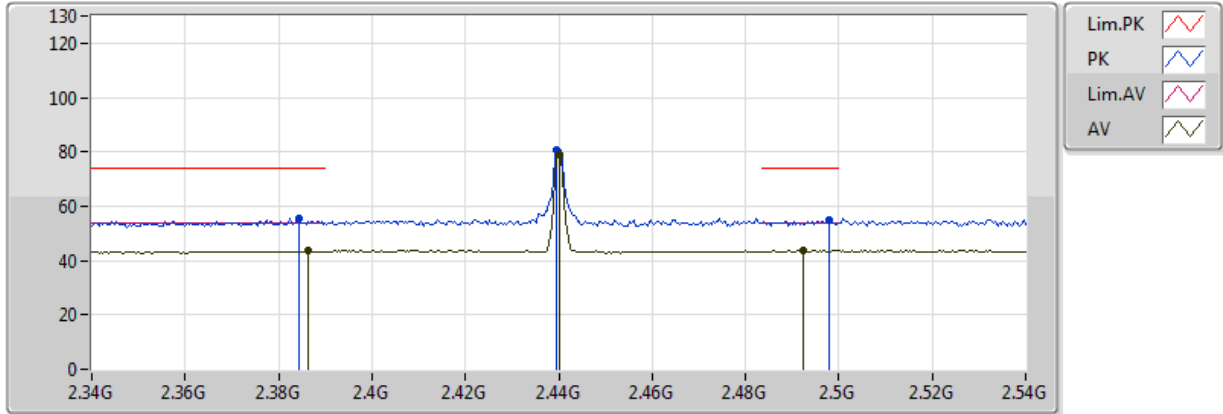
20170621
 EUT_Y_1TX
 Default Setting
 01-W-3
 FSP(100056)
 NDW4J

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.8088G	33.27	54.00	-20.73	3.36	3	H	112	1.35	-
PK	4.8012G	47.56	74.00	-26.44	3.33	3	H	112	1.35	-

BT-LE-NDW4J

Nss1_1TX

2440MHz_TX



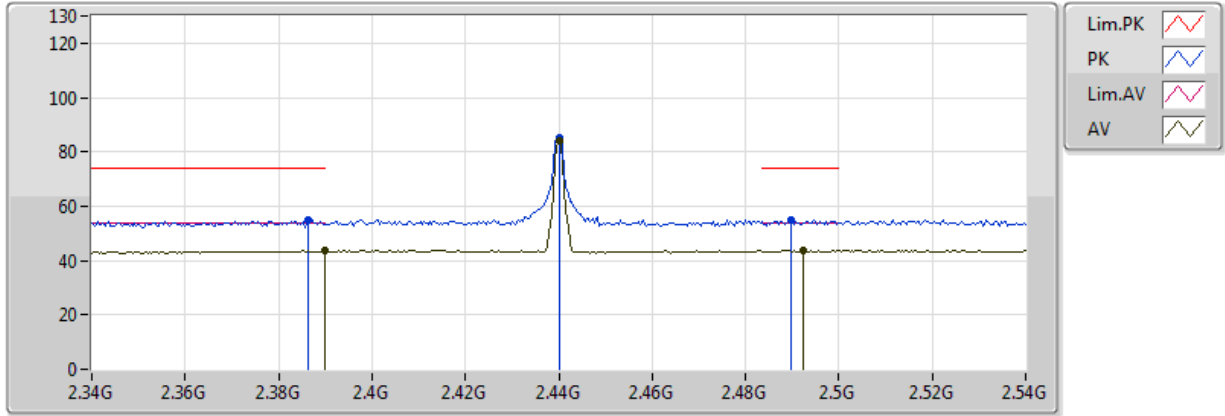
20170621
 EUT Y_1TX
 Default Setting
 01-W-3
 FSP(100056)
 NDW4J

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.3864G	43.46	54.00	-10.54	31.04	3	V	223	2.34	-
AV	2.44G	79.17	Inf	-Inf	30.97	3	V	223	2.34	-
AV	2.4924G	43.63	54.00	-10.37	30.91	3	V	223	2.34	-
PK	2.3844G	55.33	74.00	-18.67	31.04	3	V	223	2.34	-
PK	2.4396G	80.89	Inf	-Inf	30.97	3	V	223	2.34	-
PK	2.498G	54.71	74.00	-19.29	30.90	3	V	223	2.34	-

BT-LE-NDW4J

Nss1_1TX

2440MHz_TX



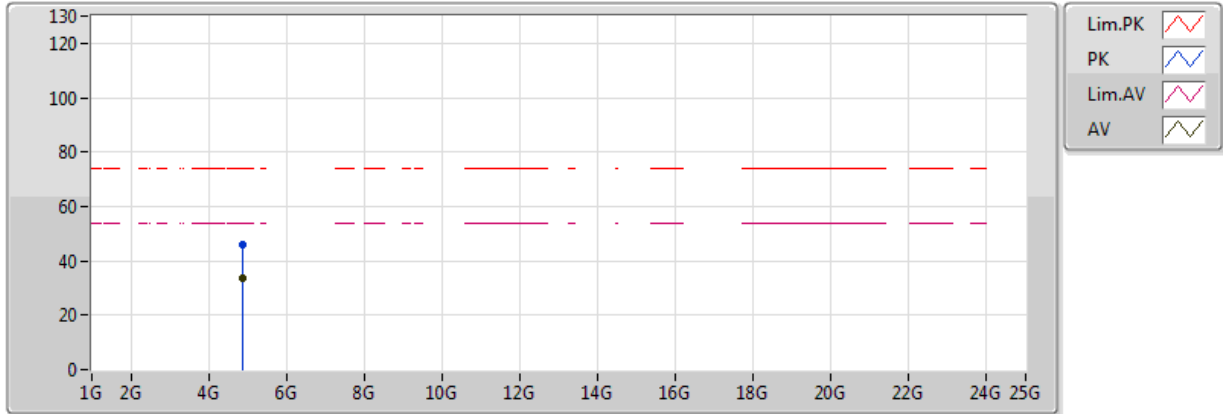
20170621
 EUT Y_1TX
 Default Setting
 01-W-3
 FSP(100056)
 NDW4J

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.389998G	43.57	54.00	-10.43	31.04	3	H	108	1.61	-
AV	2.44G	83.86	Inf	-Inf	30.97	3	H	108	1.61	-
AV	2.4924G	43.55	54.00	-10.45	30.91	3	H	108	1.61	-
PK	2.3864G	54.94	74.00	-19.06	31.04	3	H	108	1.61	-
PK	2.44G	85.33	Inf	-Inf	30.97	3	H	108	1.61	-
PK	2.4896G	55.17	74.00	-18.83	30.91	3	H	108	1.61	-

BT-LE-NDW4J

Nss1_1TX

2440MHz_TX



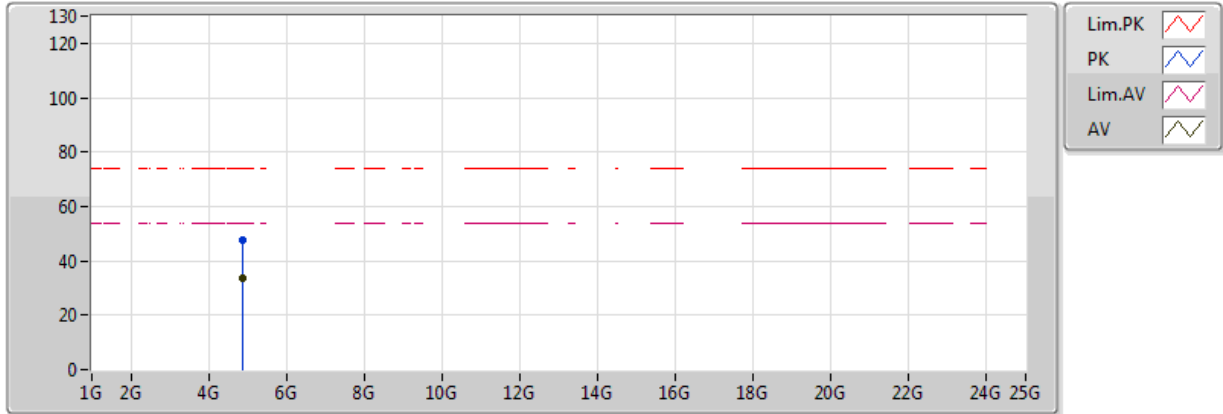
20170621
 EUT_Y_1TX
 Default Setting
 01-W-3
 FSP(100056)
 NDW4J

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.88136G	33.36	54.00	-20.64	3.57	3	V	319	2.38	-
PK	4.88228G	46.10	74.00	-27.90	3.58	3	V	319	2.38	-

BT-LE-NDW4J

Nss1_1TX

2440MHz_TX



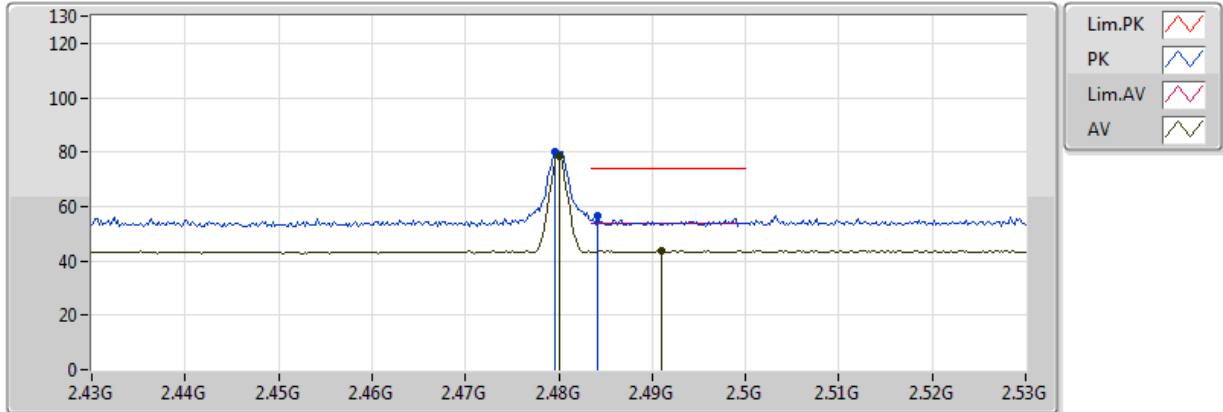
20170621
 EUT_Y_1TX
 Default Setting
 01-W-3
 FSP(100056)
 NDW4J

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.88107G	33.46	54.00	-20.54	3.57	3	H	141	1.67	-
PK	4.88227G	47.85	74.00	-26.15	3.58	3	H	141	1.67	-

BT-LE-NDW4J

Nss1_1TX

2480MHz_TX



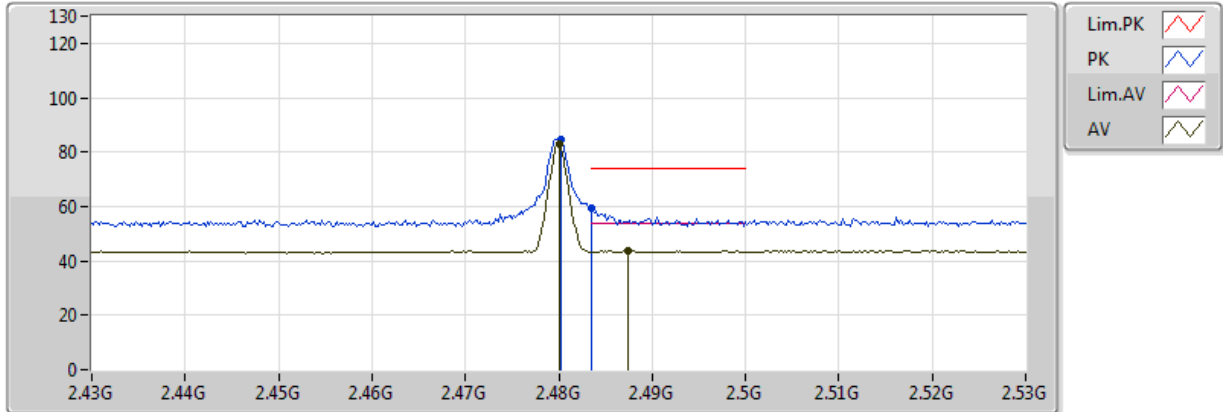
20170621
 EUT_Y_1TX
 Default Setting
 01-W-3
 FSP(100056)
 NDW4J

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.48G	78.38	Inf	-Inf	30.92	3	V	39	2.56	-
AV	2.491G	43.60	54.00	-10.40	30.91	3	V	39	2.56	-
PK	2.4796G	80.16	Inf	-Inf	30.92	3	V	39	2.56	-
PK	2.4842G	56.77	74.00	-17.23	30.92	3	V	39	2.56	-

BT-LE-NDW4J

Nss1_1TX

2480MHz_TX



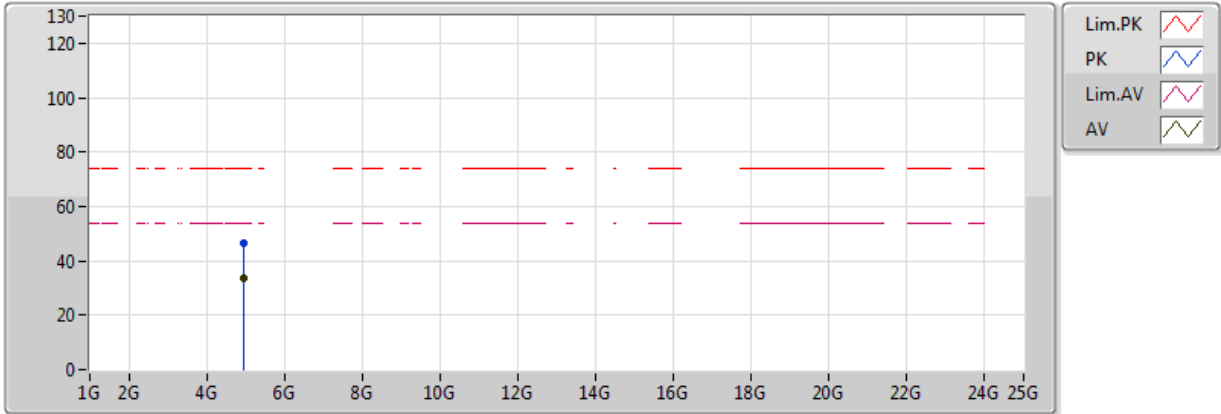
20170621
 EUT_Y_1TX
 Default Setting
 01-W-3
 FSP(100056)
 NDW4J

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.48G	82.88	Inf	-Inf	30.92	3	H	42	1.37	-
AV	2.4874G	43.66	54.00	-10.34	30.92	3	H	42	1.37	-
PK	2.4802G	84.52	Inf	-Inf	30.92	3	H	42	1.37	-
PK	2.483502G	59.35	74.00	-14.65	30.92	3	H	42	1.37	-

BT-LE-NDW4J

Nss1_1TX

2480MHz_TX



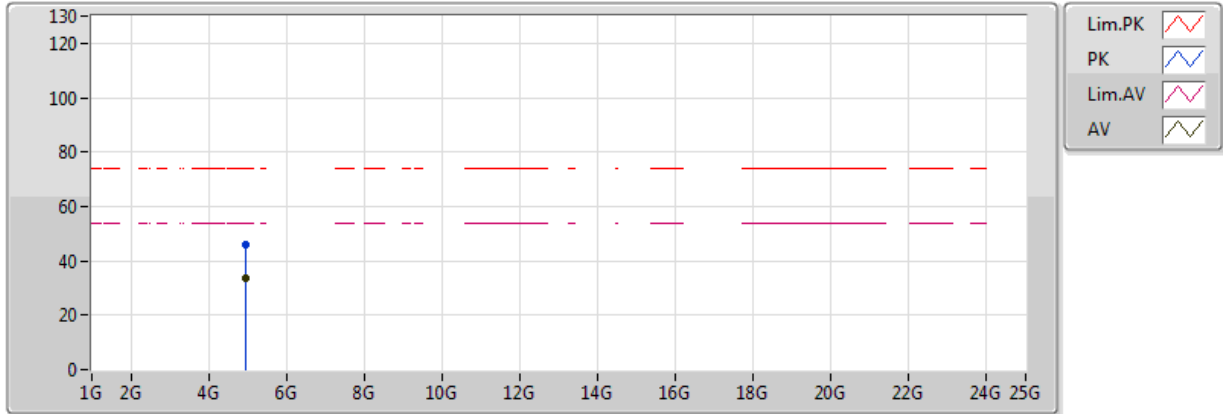
20170621
 EUT_Y_1TX
 Default Setting
 01-W-3
 FSP(100056)
 NDW4J

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.9658G	33.56	54.00	-20.44	3.82	3	V	261	1.67	-
PK	4.9614G	46.76	74.00	-27.24	3.81	3	V	261	1.67	-

BT-LE-NDW4J

Nss1_1TX

2480MHz_TX



20170621
 EUT_Y_1TX
 Default Setting
 01-W-3
 FSP(100056)
 NDW4J

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.9656G	33.62	54.00	-20.38	3.82	3	H	159	1.14	-
PK	4.9618G	46.20	74.00	-27.80	3.81	3	H	159	1.14	-

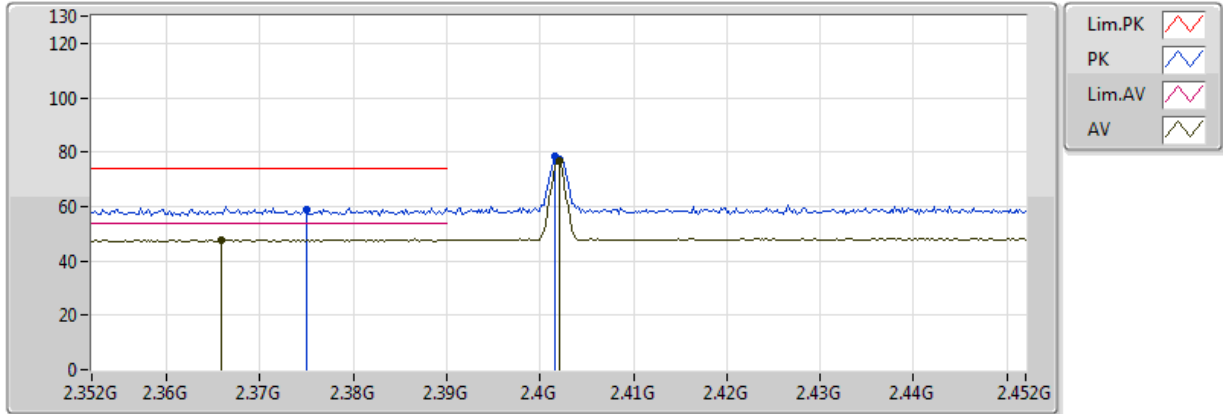


Test Mode: Mode 7
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments
BT-LE-NDW4K_Nss1_1TX	-	-	-	-	-	-	-	-	-	-	-	-
2.4-2.4835GHz	Pass	AV	2.4848G	47.97	54.00	-6.03	32.22	3	V	143	1.22	-

BT-LE-NDW4K_Nss1_1TX

2402MHz_TX

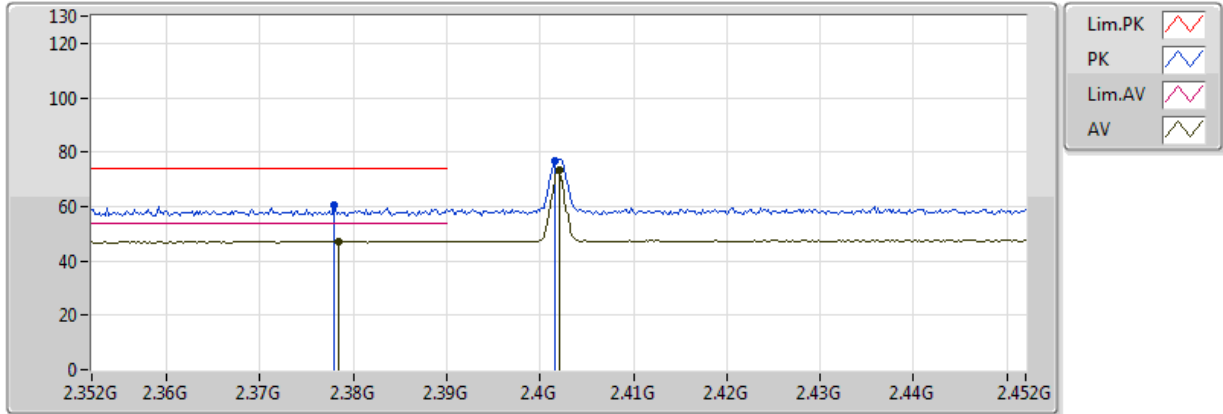


20170610
EUT_Y_1TX
Default Setting
02-Z-1
FSU
NDW4K

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.3658G	47.67	54.00	-6.33	31.86	3	V	333	1.66	-
AV	2.402G	76.50	Inf	-Inf	31.98	3	V	333	1.66	-
PK	2.375G	58.88	74.00	-15.12	31.89	3	V	333	1.66	-
PK	2.4016G	78.33	Inf	-Inf	31.97	3	V	333	1.66	-

BT-LE-NDW4K_Nss1_1TX

2402MHz_TX



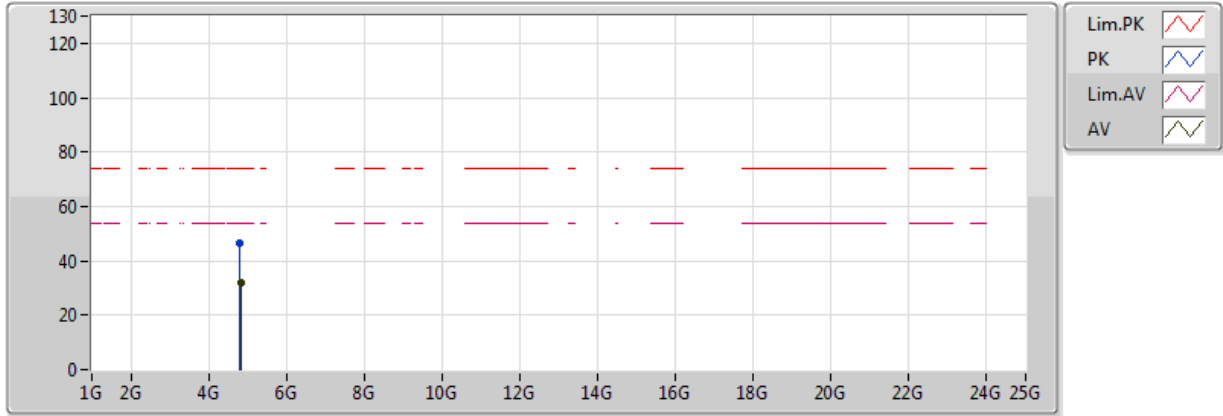
20170610
 EUT Y_1TX
 Default Setting
 02-Z-1
 FSU
 NDW4K

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.3784G	47.19	54.00	-6.81	31.90	3	H	251	1.91	-
AV	2.402G	73.19	Inf	-Inf	31.98	3	H	251	1.91	-
PK	2.378G	60.24	74.00	-13.76	31.90	3	H	251	1.91	-
PK	2.4016G	77.04	Inf	-Inf	31.97	3	H	251	1.91	-



BT-LE-NDW4K_Nss1_1TX

2402MHz_TX



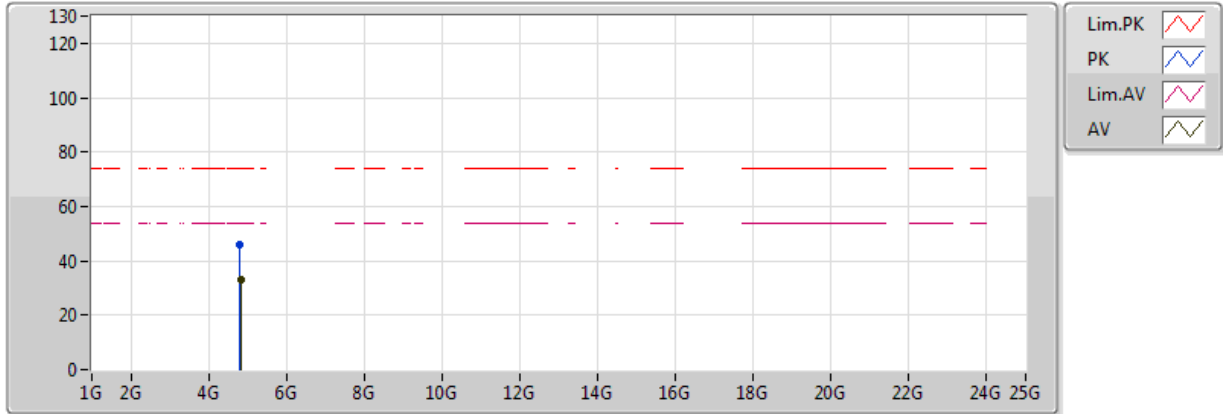
20170610
 EUT_Y_1TX
 Default Setting
 02-Z-1
 FSU
 NDW4K

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.81822G	32.04	54.00	-21.96	8.07	3	V	217	1.95	-
PK	4.80484G	46.54	74.00	-27.46	8.03	3	V	217	1.95	-



BT-LE-NDW4K_Nss1_1TX

2402MHz_TX

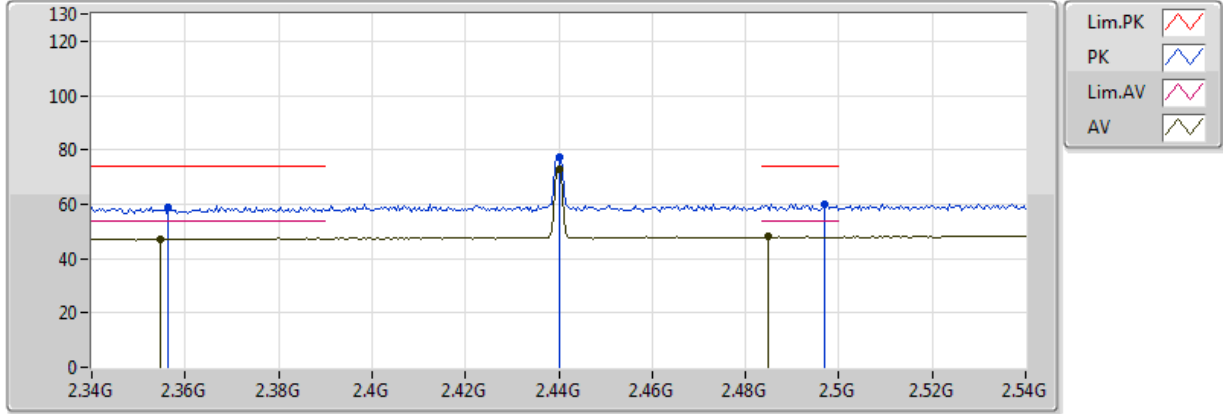


20170610
 EUT_Y_1TX
 Default Setting
 02-Z-1
 FSU
 NDW4K

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.819G	32.92	54.00	-21.08	8.07	3	H	333	2.28	-
PK	4.80676G	46.18	74.00	-27.82	8.03	3	H	333	2.28	-

BT-LE-NDW4K_Nss1_1TX

2440MHz_TX

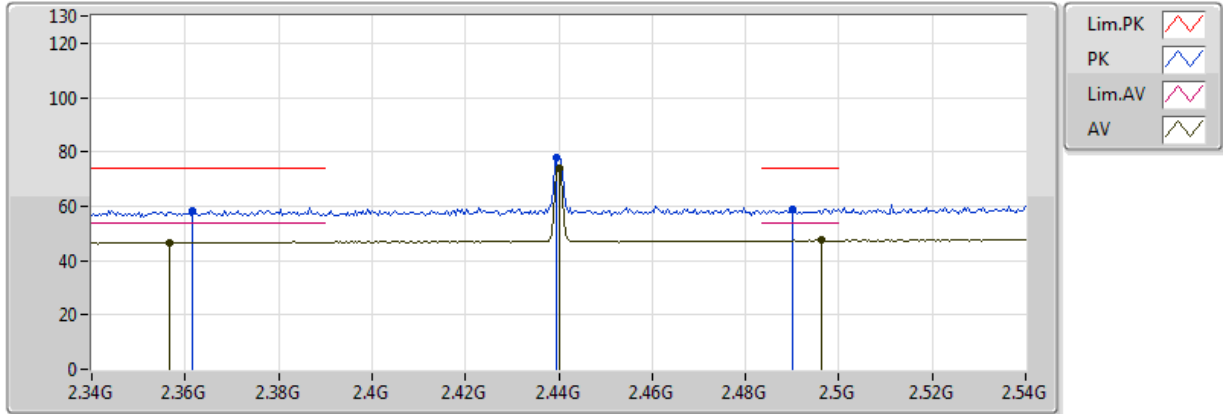


20170610
 EUT Y_1TX
 Default Setting
 02-Z-1
 FSU
 NDW4K

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.3548G	47.19	54.00	-6.81	31.83	3	V	143	1.22	-
AV	2.44G	72.99	Inf	-Inf	32.09	3	V	143	1.22	-
AV	2.4848G	47.97	54.00	-6.03	32.22	3	V	143	1.22	-
PK	2.3564G	58.71	74.00	-15.29	31.83	3	V	143	1.22	-
PK	2.44G	77.14	Inf	-Inf	32.09	3	V	143	1.22	-
PK	2.4968G	59.91	74.00	-14.09	32.26	3	V	143	1.22	-

BT-LE-NDW4K_Nss1_1TX

2440MHz_TX



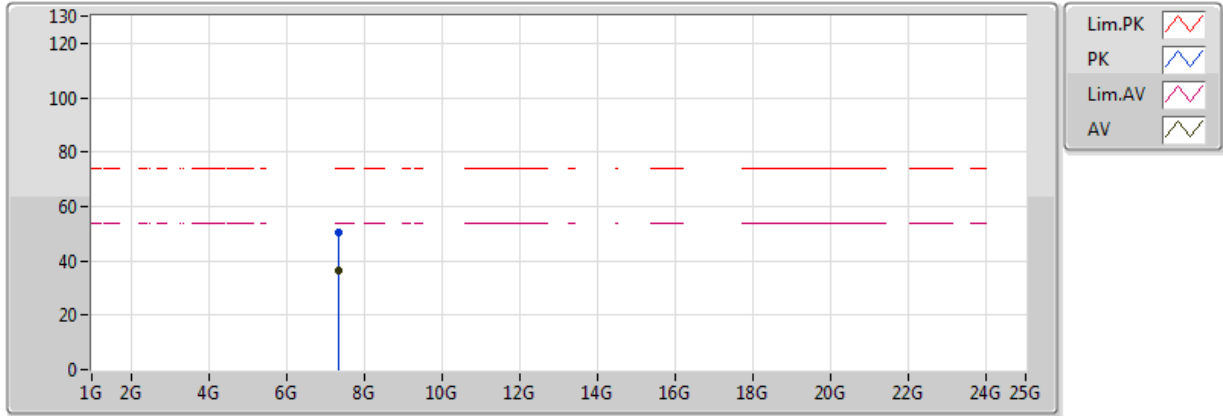
20170610
 EUT Y_1TX
 Default Setting
 02-Z-1
 FSU
 NDW4K

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.3568G	46.76	54.00	-7.24	31.84	3	H	226	1.00	-
AV	2.44G	73.84	Inf	-Inf	32.09	3	H	226	1.00	-
AV	2.4964G	47.40	54.00	-6.60	32.26	3	H	226	1.00	-
PK	2.3616G	58.40	74.00	-15.60	31.85	3	H	226	1.00	-
PK	2.4396G	77.64	Inf	-Inf	32.09	3	H	226	1.00	-
PK	2.49G	58.98	74.00	-15.02	32.24	3	H	226	1.00	-



BT-LE-NDW4K_Nss1_1TX

2440MHz_TX



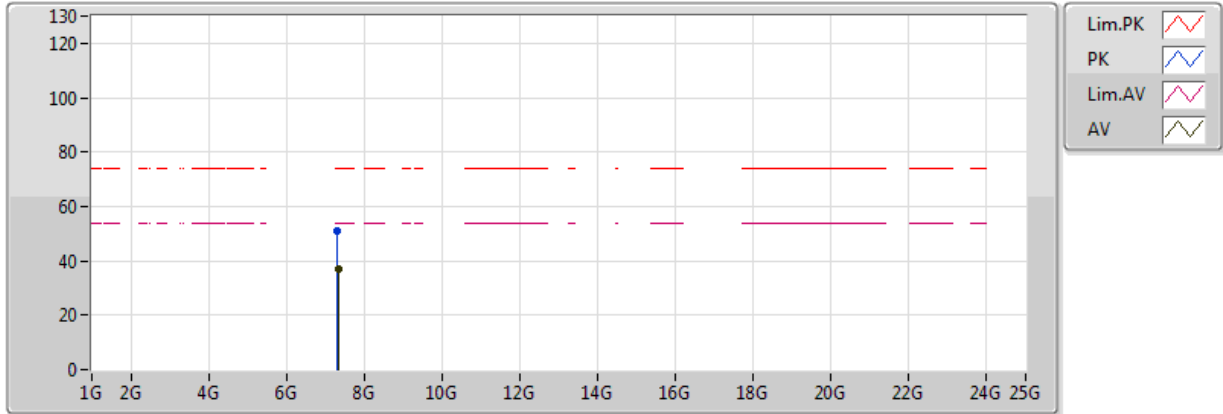
20170610
 EUT_Y_1TX
 Default Setting
 02-Z-1
 FSU
 NDW4K

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	7.33326G	36.30	54.00	-17.70	12.24	3	V	221	2.16	-
PK	7.33146G	50.29	74.00	-23.71	12.24	3	V	221	2.16	-



BT-LE-NDW4K_Nss1_1TX

2440MHz_TX

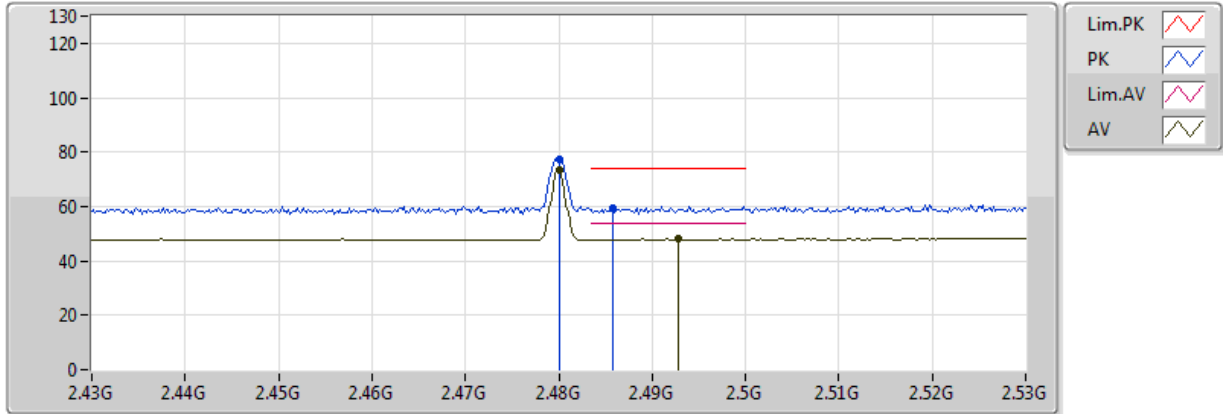


20170610
 EUT Y_1TX
 Default Setting
 02-Z-1
 FSU
 NDW4K

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	7.33482G	37.09	54.00	-16.91	12.24	3	H	226	1.10	-
PK	7.31694G	50.73	74.00	-23.27	12.21	3	H	226	1.10	-

BT-LE-NDW4K_Nss1_1TX

2480MHz_TX

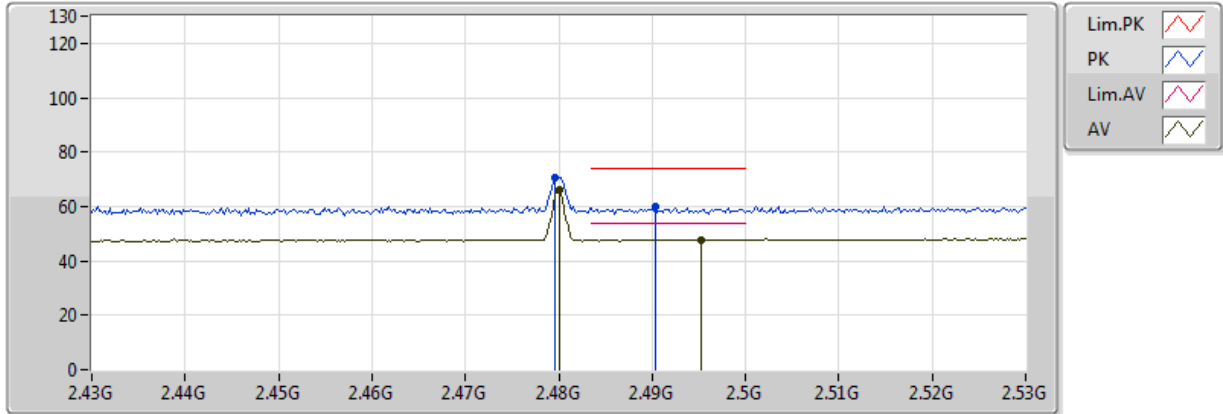


20170610
 EUT Y_1TX
 Default Setting
 02-Z-1
 FSU
 NDW4K

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.48G	73.22	Inf	-Inf	32.21	3	V	313	1.11	-
AV	2.4928G	47.95	54.00	-6.05	32.25	3	V	313	1.11	-
PK	2.48G	77.21	Inf	-Inf	32.21	3	V	313	1.11	-
PK	2.4858G	59.33	74.00	-14.67	32.23	3	V	313	1.11	-

BT-LE-NDW4K_Nss1_1TX

2480MHz_TX

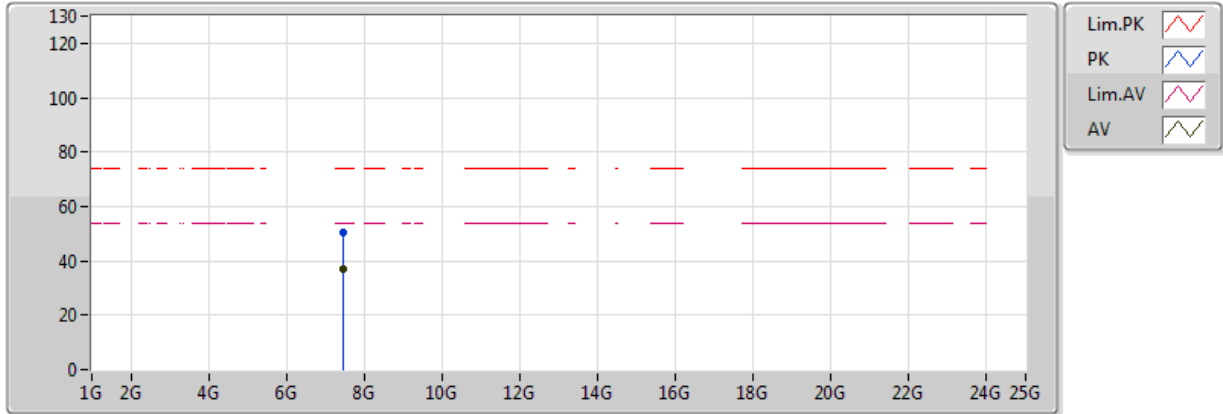


20170610
 EUT Y_1TX
 Default Setting
 02-Z-1
 FSU
 NDW4K

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.48G	66.11	Inf	-Inf	32.21	3	V	285	1.96	-
AV	2.4952G	47.87	54.00	-6.13	32.26	3	V	285	1.96	-
PK	2.4796G	70.55	Inf	-Inf	32.21	3	V	285	1.96	-
PK	2.4904G	59.77	74.00	-14.23	32.24	3	V	285	1.96	-

BT-LE-NDW4K_Nss1_1TX

2480MHz_TX



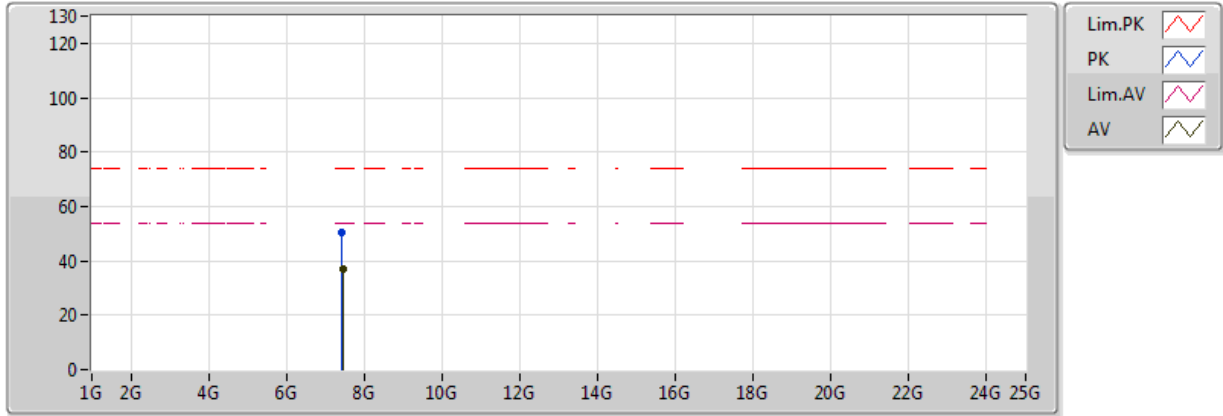
20170610
 EUT Y_1TX
 Default Setting
 02-Z-1
 FSU
 NDW4K

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	7.4475G	37.23	54.00	-16.77	12.50	3	V	90	1.03	-
PK	7.45152G	50.28	74.00	-23.72	12.51	3	V	90	1.03	-



BT-LE-NDW4K_Nss1_1TX

2480MHz_TX



20170610
 EUT_Y_1TX
 Default Setting
 02-Z-1
 FSU
 NDW4K

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	7.4424G	37.16	54.00	-16.84	12.49	3	H	348	1.06	-
PK	7.428G	50.38	74.00	-23.62	12.45	3	H	348	1.06	-