RADIO TEST REPORT

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

The product was received on Aug. 30, 2021, and testing was started from Sep. 11, 2021 and completed on Dec. 08, 2021. We, Sporton International Inc. Hsinchu Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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

Approved by: Sam Chen

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

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History of this test report

Report No.	Version	Description	Issued Date
FR181814AC	01	Initial issue of report	Dec. 15, 2021

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.2	15.203	Antenna Requirement	PASS	-
3.1	15.207	AC Power-line Conducted Emissions	PASS	-
3.2	15.247(a)	20dB Bandwidth	PASS	-
3.2	15.247(a)	Carrier Frequency Separation	PASS	-
3.3	15.247(b)	Maximum Conducted Output Power	PASS	-
3.4	15.247(a)	Number of Hopping Frequencies and Hopping Band edge	PASS	-
3.5	15.247(a)	Time of Occupancy (Dwell Time)	PASS	-
3.6	15.247(d)	Emissions in Non-restricted Frequency Bands	PASS	-
3.7	15.247(d)	Emissions in Restricted Frequency Bands	PASS	-

Declaration of Conformity:
The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.
Comments and Explanations:
The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

Reviewed by: Sam Chen
Report Producer: Penny Kao

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	Bluetooth Version	Ch. Frequency (MHz)	Channel Number
2400-2483.5	BR / EDR	2402-2480	0-78 [79]

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	BT-BR(1Mbps)	1	1TX
2.4-2.4835GHz	BT-EDR(2Mbps)	1	1TX
2.4-2.4835GHz	BT-EDR(3Mbps)	1	1TX

Note:
- Bluetooth BR uses a GFSK (1Mbps).
- Bluetooth EDR uses a combination of π/4-DQPSK (2Mbps) and 8DPSK (3Mbps).
- Bluetooth BR/EDR uses as a system using FHSS modulation.
- BWch is the nominal channel bandwidth.

1.1.2 Antenna Information

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

Note 1: The above information was declared by manufacturer.

Note 2: The EUT has five antennas.

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

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

For 2.4GHz WLAN function

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

Only Port 1 can be used as transmitting/receiving.

For 5GHz WLAN function

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

Only Port 1 can be used as transmitting/receiving.

For Bluetooth function (1TX/1RX):

Only Port 1 can be used as transmitting/receiving.

1.1.3 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
BT-BR(1Mbps)	0.742	1.3	2.889m	1k
BT-EDR(2Mbps)	0.746	1.27	2.923m	1k
BT-EDR(3Mbps)	0.743	1.29	2.893m	1k

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

1.1.4 EUT Operational Condition

EUT Power Type	From Host System
Test Software Version	Terminal 6.04

1.1.5 Table for Multiple Listing

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

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

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

Note 2: The above information was declared by manufacturer.

1.2 Applicable Standards

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

- 47 CFR FCC Part 15.247

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

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

1.3 Testing Location Information

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

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted	TH01-CB	Caster Chang	21.9-22.4 / 69-72	Sep. 18, 2021
Radiated (Below 1GHz)	03CH03-CB	Stim Sung	24.1-25.2 / 55-58	Sep. 11, 2021~ Dec. 08, 2021
	03CH05-CB		23.5-24.6 / 55-59	
Radiated (Above 1GHz)	03CH06-CB	Stim Sung	23.7-24.8 / 56-59	Sep. 11, 2021~ Dec. 08, 2021
Radiated (Emission Co-location)	03CH06-CB	Stim Sung	23.7-24.8 / 56-59	Sep. 11, 2021~ Dec. 08, 2021
AC Conduction	CO01-CB	Joe Chu	22~24 / 58~60	Nov. 29, 2021

1.4 Measurement Uncertainty

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

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	2.0 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	4.2 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	5.5 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	4.7 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.2 dB	Confidence levels of 95%
Conducted Emission	2.5 dB	Confidence levels of 95%
Output Power Measurement	1.3 dB	Confidence levels of 95%
Power Density Measurement	2.5 dB	Confidence levels of 95%
Bandwidth Measurement	0.9%	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Channel Mode

Mode	Power Setting
BT-BR(1Mbps)	-
2402MHz	Default
2440MHz	Default
2480MHz	Default
BT-EDR(2Mbps)	-
2402MHz	Default
2440MHz	Default
2480MHz	Default
BT-EDR(3Mbps)	-
2402MHz	Default
2440MHz	Default
2480MHz	Default

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral Test Voltage: 120Vac / 60Hz
Operating Mode	Normal Link
1	EUT 2 + WLAN 2.4GHz + Bluetooth + Ant. 1
2	EUT 2 + WLAN 5GHz + Bluetooth + Ant. 1
Mode 1 has been evaluated to be the worst case among Mode 1~2, thus measurement for Mode 3 will follow this same test mode.	
3	EUT 1 + WLAN 2.4GHz + Bluetooth + Ant. 1
Mode 3 has been evaluated to be the worst case among Mode 1~3, thus measurement for Mode 4~5 will follow this same test mode.	
4	EUT 1 + WLAN 2.4GHz + Bluetooth + Ant. 4
5	EUT 1 + WLAN 5GHz + Bluetooth + Ant. 4
6	EUT 1 + WLAN 2.4GHz + Bluetooth + Ant. 3
7	EUT 1 + WLAN 5GHz + Bluetooth + Ant. 3
For operating mode 3 is the worst case and it was record in this test report.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	20dB Bandwidth Carrier Frequency Separation Maximum Conducted Output Power Number of Hopping Frequencies Hopping Bandedge Time of Occupancy (Dwell Time) Emissions in Non-restricted Frequency Bands
Test Condition	Conducted measurement at transmit chains
Operating Mode	After verifying, the output power is the same with EUT 1 and EUT 2. Thus only EUT 2 was selected to execute all test.
1	EUT 2 + Ant. 3

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emissions in Restricted Frequency Bands
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode < 1GHz	CTX
	1. The EUT was performed at X axis, Y axis and Z axis position for Emissions in Restricted Frequency Bands above 1GHz test. The worst case was found is below. So the measurement will follow this same test configuration.
1	EUT 1 in X axis + WLAN 2.4GHz + Ant.3
2	EUT 1 in X axis + Bluetooth + Ant.3
3	EUT 2 in Y axis + WLAN 5GHz + Ant.1
4	EUT 1 in Y axis + WLAN 5GHz + Ant.1
5	EUT 2 in Y axis + WLAN 2.4GHz + Ant.1
6	EUT 2 in Y axis + Bluetooth + Ant.1
7	EUT 2 in Y axis + WLAN 2.4GHz + Ant.4
8	EUT 1 in Y axis + WLAN 2.4GHz + Ant.4
9	EUT 2 in Y axis + Bluetooth + Ant.4
10	EUT 1 in Y axis + Bluetooth + Ant.4
11	EUT 2 in Y axis + WLAN 5GHz + Ant.4
12	EUT 1 in Y axis + WLAN 5GHz + Ant.4
For operating mode 1 is the worst case and it was record in this test report.	
Operating Mode > 1GHz	CTX
	1. The EUT was performed at X axis, Y axis and Z axis position. 2. The antenna 1, antenna 4 was performed testing with EUT 1 and EUT 2. 3. The antenna 3 was performed testing. The worst case was found is below. So the measurement will follow this same test configuration.
1	EUT 1 in X axis + Ant.3
2	EUT 1 in Y axis + Ant.4

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

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

2.3 EUT Operation during Test

For CTX Mode:

The EUT was programmed to be in continuously transmitting mode.

For Normal Link Mode:

During the test, the EUT operation to normal function.

2.4 Accessories

N/A

2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Fixture	AzureWave	9007- I8 / 2532-I1	N/A
B	NB	HP	3168NGW	N/A
C	Bluetooth Speaker	MARUS	MSK06C-RD	N/A
D	AP Router	ASUS	RP-N53	N/A
E	Mouse	Logitech	M-U0026	N/A
F	Earphone	SHYARO CHI	MIC-04	N/A

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

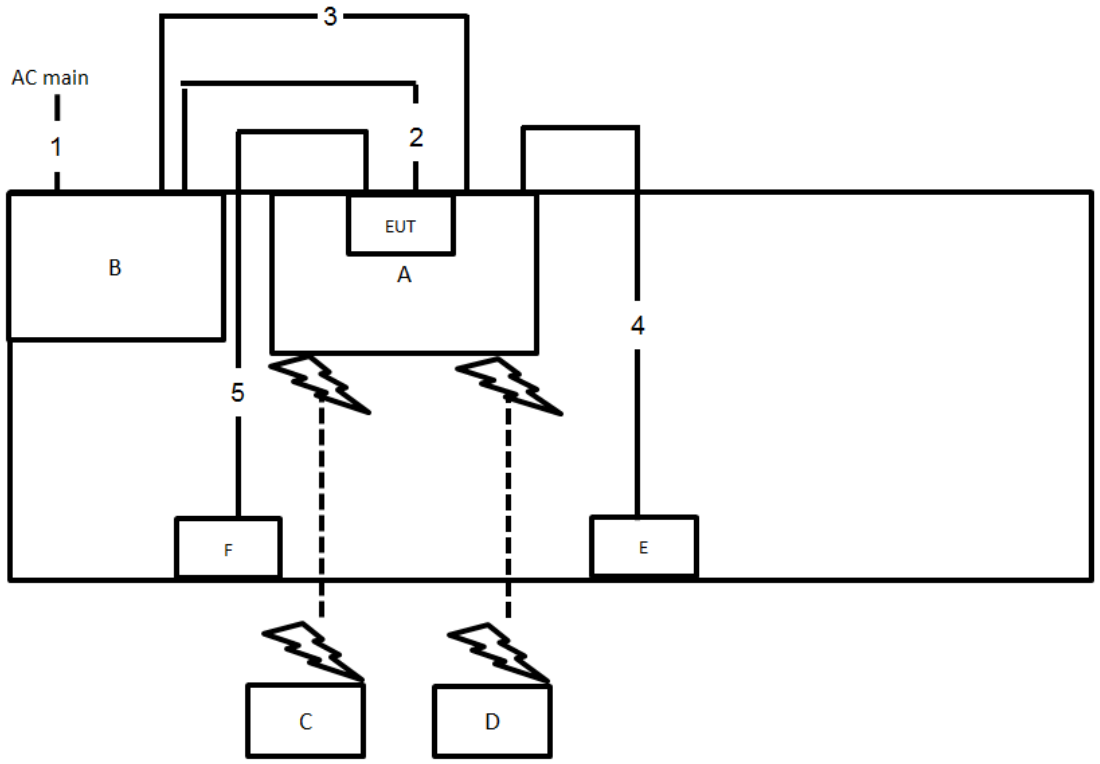
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Notebook	DELL	E4300	N/A
B	Fixture	AzureWare	2532 I1	N/A

For Radiated above 1GHz mode 2:

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

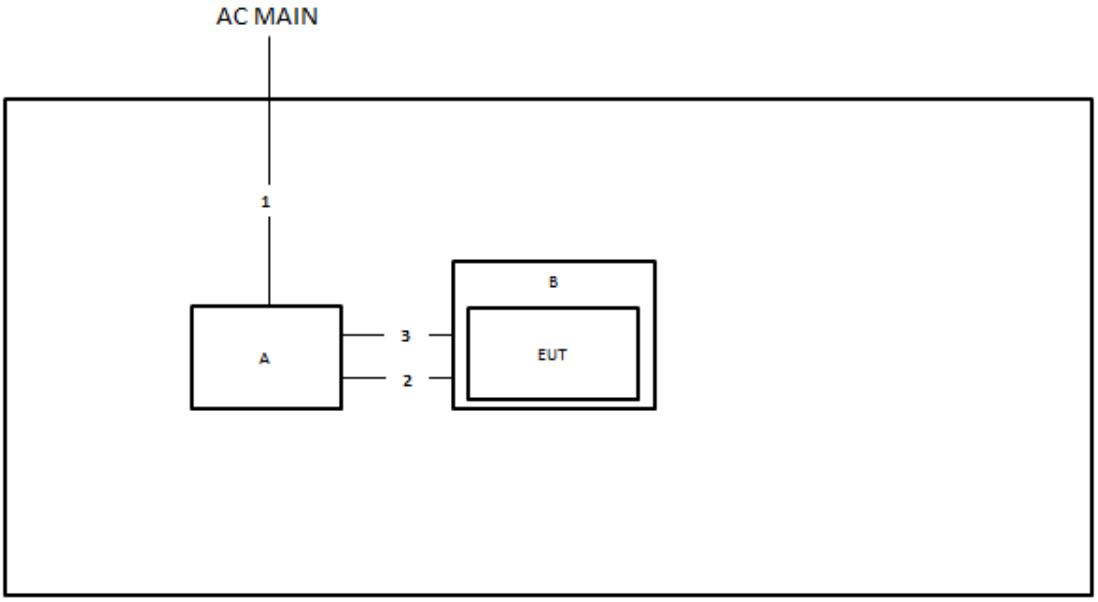
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



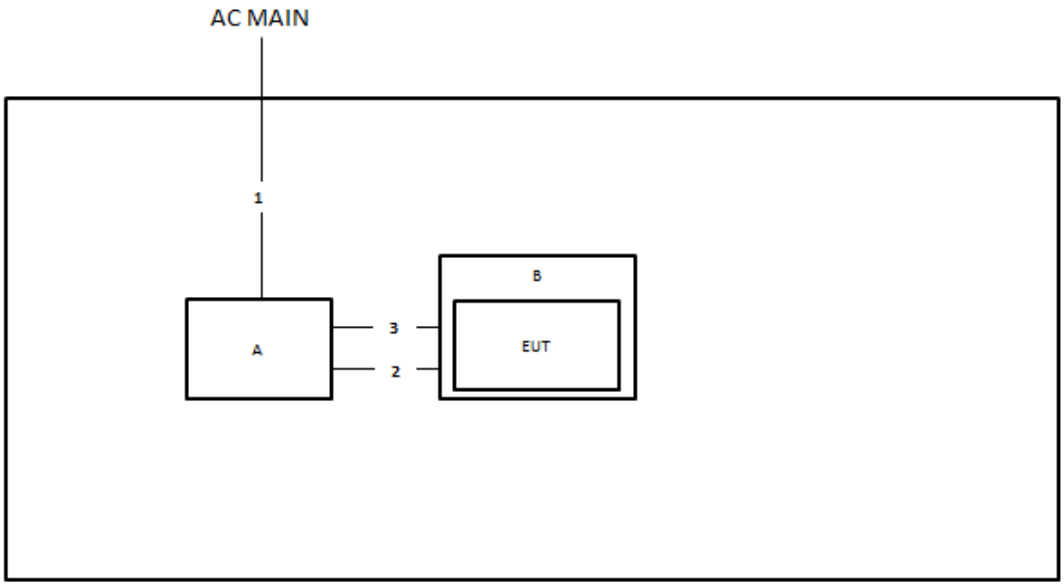
Item	Connection	Shielded	Length
1	Power cable	No	1.6m
2	USB cable	Yes	1m
3	USB cable	Yes	1m
4	USB cable	Yes	1.8m
5	Audio cable	No	1.1m

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



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

Test Setup Diagram - Radiated above 1GHz mode 2



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

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

3.1.2 Measuring Instruments

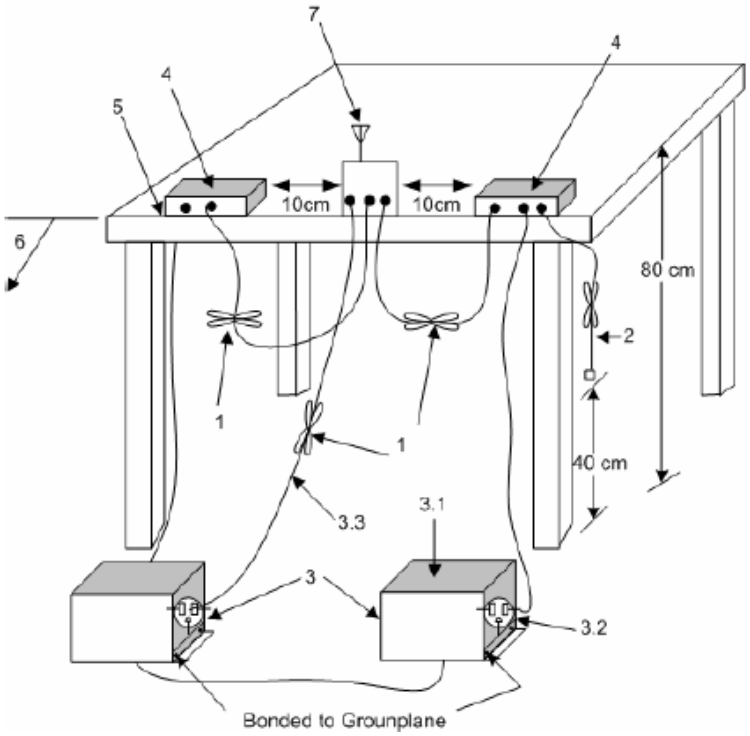
Refer a test equipment and calibration data table in this test report.

3.1.3 Test Procedures

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

3.1.4 Test Setup

AC Power-line Conducted Emissions



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

1.1.1. 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

3.1.5 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 20dB Bandwidth and Carrier Frequency Separation

3.2.1 20dB Bandwidth and Carrier Frequency Separation Limit

20dB Bandwidth and Carrier Frequency Separation Limit for Frequency Hopping Systems
▪ 902-928 MHz Band:
▪ N ≥50 and ChS ≥ MAX (20 dB bandwidth, 25 kHz); 20 dB bandwidth≤ 250 kHz.
▪ 50 >N≥25 and ChS ≥ MAX (20 dB bandwidth, 25 kHz); 20 dB bandwidth>250 kHz.
▪ 2400-2483.5 MHz Band:
▪ N ≥75 and ChS ≥ MAX (20 dB bandwidth, 25 kHz).
▪ 75>N ≥ 15 and ChS ≥ MAX (20 dB bandwidth 2/3,25 kHz).
▪ 5725-5850 MHz Band:
▪ N ≥ 75 and ChS ≥ MAX (20 dB bandwidth, 25 kHz); 20 dB bandwidth≤ 1 MHz.
N:Number of Hopping Frequencies; **ChS**: Hopping Channel Separation

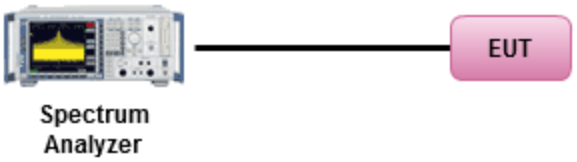
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

Test Method
▪ Refer as ANSI C63.10-2013, clause 6.9.1 for 20 dB bandwidth measurement.
▪ Refer as ANSI C63.10-2013, clause 7.8.2 for carrier frequency separation measurement.

3.2.4 Test Setup

20dB Bandwidth and Carrier Frequency Separation


3.2.5 Test Result of 20dB Bandwidth

Refer as Appendix B

3.2.6 Test Result of Carrier Frequency Separation

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

Maximum Conducted Output Power Limit
▪ 902-928 MHz Band:
▪ N ≥50; Power 30dBm; EIRP 36dBm
▪ 50 >N≥ 25; Power 23.98dBm; EIRP 29.98dBm
▪ 2400-2483.5 MHz Band:
▪ N ≥ 75; Power 30dBm; EIRP 36dBm
▪ 75 >N ≥ 15; Power 21dBm; EIRP 27dBm
▪ 5725-5850 MHz Band:
▪ N ≥ 75; Power 30dBm; EIRP 36dBm
N:Number of Hopping Frequencies

3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

Test Method
▪ Refer as ANSI C63.10-2013, clause 7.8.5 for output power measurement.

3.3.4 Test Setup

Maximum Conducted Output Power (Peak Power Meter)


3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Number of Hopping Frequencies and Hopping Bandedge

3.4.1 Number of Hopping Frequencies Limit

Number of Hopping Frequencies Limit
▪ 902-928 MHz Band:
▪ N ≥50 and ChS ≥ MAX (20 dB bandwidth, 25 kHz); 20 dB bandwidth≤ 250 kHz.
▪ 50 >N≥ 25 and ChS ≥ MAX (20 dB bandwidth, 25 kHz); 20 dB bandwidth>250 kHz.
▪ 2400-2483.5 MHz Band:
▪ N ≥ 75 and ChS ≥ MAX (20 dB bandwidth, 25 kHz).
▪ 75 >N ≥ 15 and ChS ≥ MAX (20 dB bandwidth 2/3,25 kHz).
▪ 5725-5850 MHz Band:
▪ N ≥ 75 and ChS ≥ MAX (20 dB bandwidth, 25 kHz); 20 dB bandwidth≤ 1 MHz.
N:Number of Hopping Frequencies; **ChS** : Hopping Channel Separation

3.4.2 Hopping Bandedge Limit

Refer clause 3.6.1 and clause 3.7.1

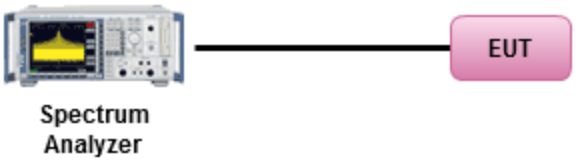
3.4.3 Measuring Instruments

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

3.4.4 Test Procedures

Test Method
▪ Refer as ANSI C63.10-2013, clause 7.8.3 for number of hopping frequencies measurement.
▪ Refer as ANSI C63.10-2013, clause 7.8.6 for hopping frequencies Bandedge measurement.

3.4.5 Test Setup

Number of Hopping Frequencies and Hopping Frequencies Bandedge


3.4.6 Test Result of Number of Hopping Frequencies

Refer as Appendix D

3.4.7 Test Result of Number of Hopping Frequencies Bandedge

Refer as Appendix D

3.5 Time of Occupancy (Dwell Time)

3.5.1 Time of Occupancy (Dwell Time) Limit

20dB Bandwidth and Carrier Frequency Separation Limit for Frequency Hopping Systems
▪ 902-928 MHz Band:
▪ N ≥50; 0.4s in 20s period
▪ 50 >N≥ 25; 0.4s in 10s period
▪ 2400-2483.5 MHz Band:
▪ N ≥ 75; 0.4s in N x 0.4 period
▪ 75 >N ≥ 15; 0.4s in N x 0.4 period
▪ 5725-5850 MHz Band:
▪ N ≥ 75; 0.4s in 30s period
N:Number of Hopping Frequencies

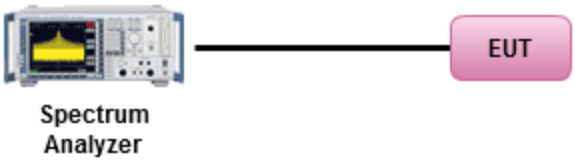
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

Test Method
▪ Refer as ANSI C63.10-2013, clause 7.8.4 for dwell time measurement.
▪ Bluetooth ACL packets can be 1, 3, or 5 time slots. Following as dwell time. Operate DH5 at maximum dwell time and maximum duty cycle.
▪ The DH5 packet can cover up to 5 time slots. Operate DH5 at maximum dwell time and maximum duty cycle. A maximum length packet has duration of 5 time slots. The hopping rate is 1600 hops/second so the maximum dwell time is 5/1600 seconds, or 3.125ms.DH5 Packet permit maximum 1600/ 79 / 6 = 3.37 hops per second in each channel.

3.5.4 Test Setup

Time of Occupancy (Dwell Time)


3.5.5 Test Result of Time of Occupancy (Dwell Time)

Refer as Appendix E

3.6 Emissions in Non-restricted Frequency Bands

3.6.1 Emissions in Non-restricted Frequency Bands Limit

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

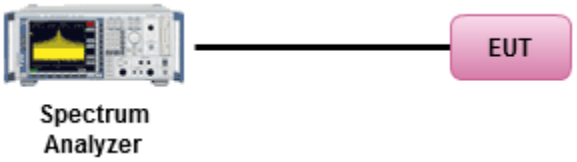
3.6.2 Measuring Instruments

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

3.6.3 Test Procedures

Test Method
▪ Refer as ANSI C63.10-2013, clause 7.8.8 for unwanted emissions into non-restricted bands.

3.6.4 Test Setup

Emissions in Non-restricted Frequency Bands


3.6.5 Test Result of Emissions in Non-restricted Frequency Bands

Refer as Appendix F

3.7 Emissions in Restricted Frequency Bands

3.7.1 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 below30 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.

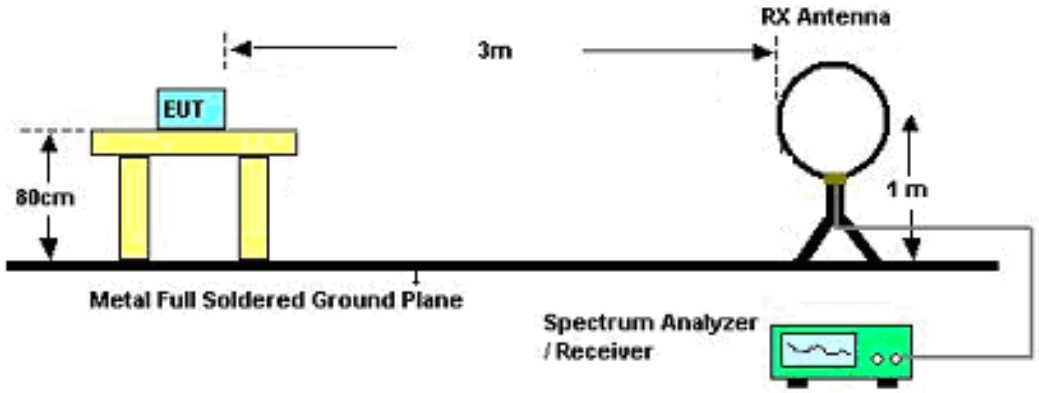
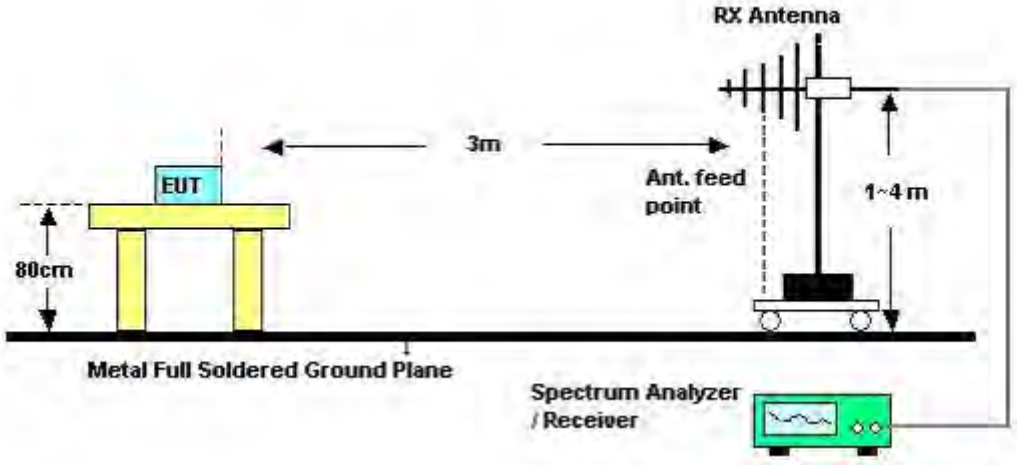
3.7.2 Measuring Instruments

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

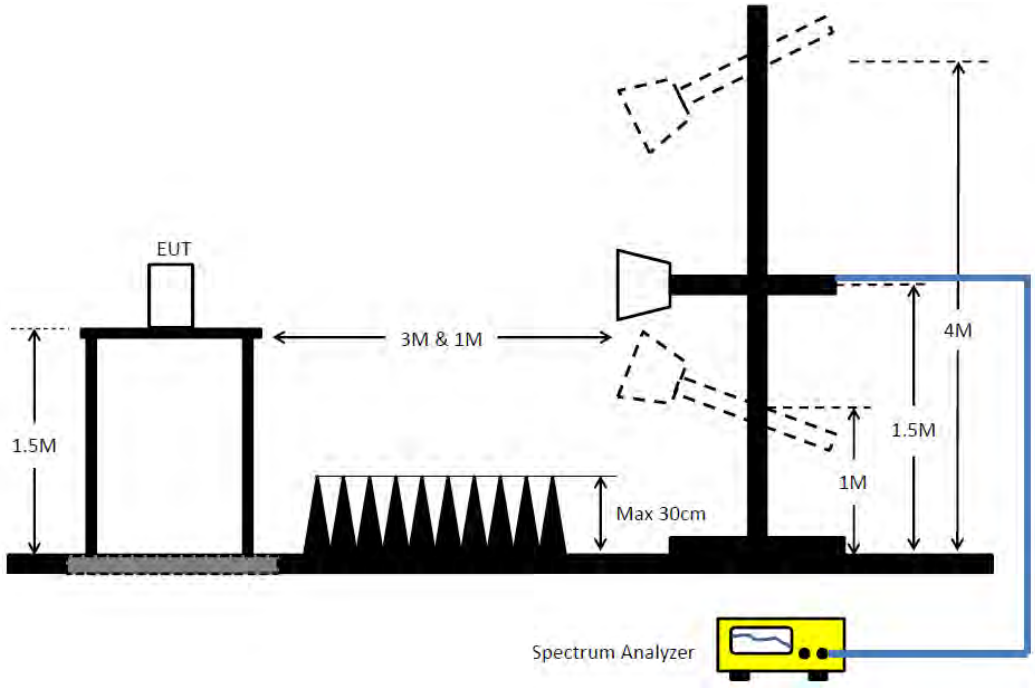
3.7.3 Test Procedures

Test Method	
▪ The average emission levels shall be measured in [hopping 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 ANSI C63.10, clause 4.1.4.2.1 QP value.
	▪ Refer as ANSI C63.10, clause 4.1.4.2.2 measurement procedure peak.
	▪ Refer as ANSI C63.10, clause 4.1.4.2.4 average value of hopping pulsed emissions.

3.7.4 Test Setup

Emissions in Restricted Frequency Bands
9kHz ~30MHz

30MHz~1GHz


Above 1GHz



3.7.5 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.

3.7.6 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.

3.7.7 Test Result of Emissions in Restricted Frequency Bands

Refer as Appendix G

4 Test Equipment and Calibration Data

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

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-low	Woken	RG402	Low Cable-04+23	30MHz~1GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH05-CB)
RF Cable-low	Woken	RG402	Low Cable-04+23	30MHz~1GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH05-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH05-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH06-CB	1GHz ~18GHz 3m	Oct. 02, 2020	Oct. 01, 2021	Radiation (03CH06-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH06-CB	1GHz ~18GHz 3m	Oct. 01, 2021	Sep. 30, 2022	Radiation (03CH06-CB)
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA 9120D-1292	1GHz~18GHz	Aug. 04, 2021	Aug. 03, 2022	Radiation (03CH06-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Aug. 05, 2021	Aug. 04, 2022	Radiation (03CH06-CB)
Pre-Amplifier	Agilent	83017A	MY53270064	0.5GHz ~ 26.5GHz	May 06, 2021	May 05, 2022	Radiation (03CH06-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 13, 2021	Jul. 12, 2022	Radiation (03CH06-CB)
Spectrum analyzer	R&S	FSP40	100080	9kHz~40GHz	Dec. 15, 2020	Dec. 14, 2021	Radiation (03CH06-CB)
RF Cable-high	Woken	RG402	High Cable-05	1GHz~18GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH06-CB)
RF Cable-high	Woken	RG402	High Cable-05	1GHz~18GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH06-CB)
RF Cable-high	Woken	RG402	High Cable-05+24	1GHz~18GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH06-CB)
RF Cable-high	Woken	RG402	High Cable-05+24	1GHz~18GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH06-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 15, 2021	Jul. 14, 2022	Radiation (03CH06-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 15, 2021	Jul. 14, 2022	Radiation (03CH06-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH06-CB)
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	May 21, 2021	May 20, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-06	1 GHz – 26.5 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH01-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	High Cable-07	1 GHz –26.5 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-08	1 GHz –26.5 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-09	1 GHz –26.5 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz –26.5 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-30	1 GHz –26.5 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH01-CB)
Power Sensor	Agilent	E9327A	US40442088	50MHz~18GHz	Feb. 23, 2021	Feb. 22, 2022	Conducted (TH01-CB)
Power Meter	Agilent	E4416A	GB41291199	50MHz~18GHz	Feb. 23, 2021	Feb. 22, 2022	Conducted (TH01-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH01-CB)

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

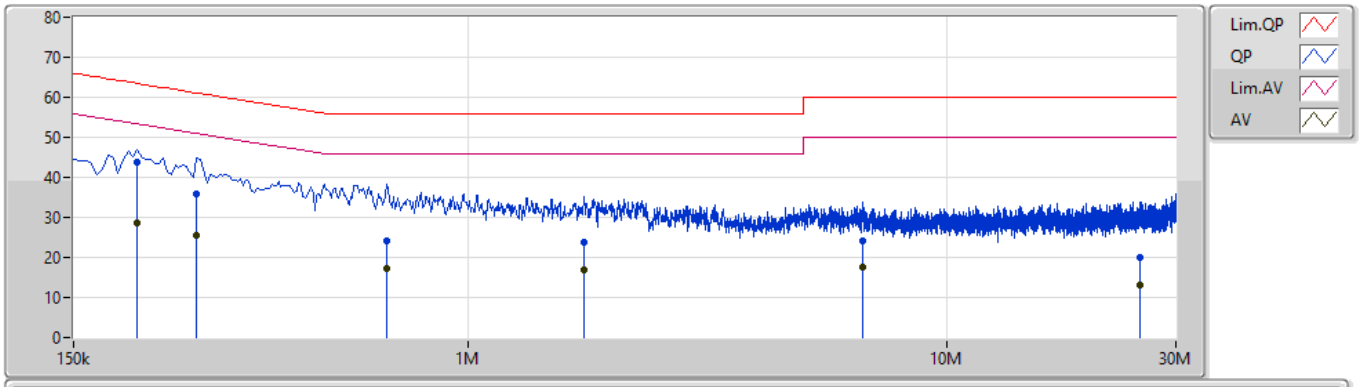
NCR means Non-Calibration required.

Summary

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

Mode 3

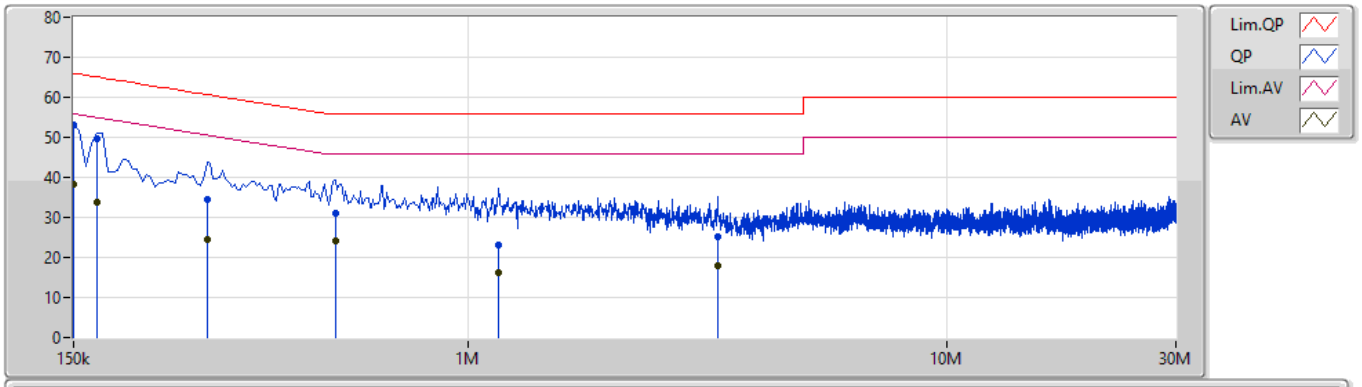
29/11/2021



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

Mode 3

29/11/2021



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

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
BT-BR(1Mbps)	951.25k	888.306k	888KF1D	937.5k	883.308k
BT-EDR(2Mbps)	1.334M	1.207M	1M21G1D	1.321M	1.203M
BT-EDR(3Mbps)	1.301M	1.208M	1M21G1D	1.288M	1.206M

Max-N dB = Maximum 20dB down bandwidth; Max-OBW = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 20dB down bandwidth; Min-OBW = Minimum 99% occupied bandwidth

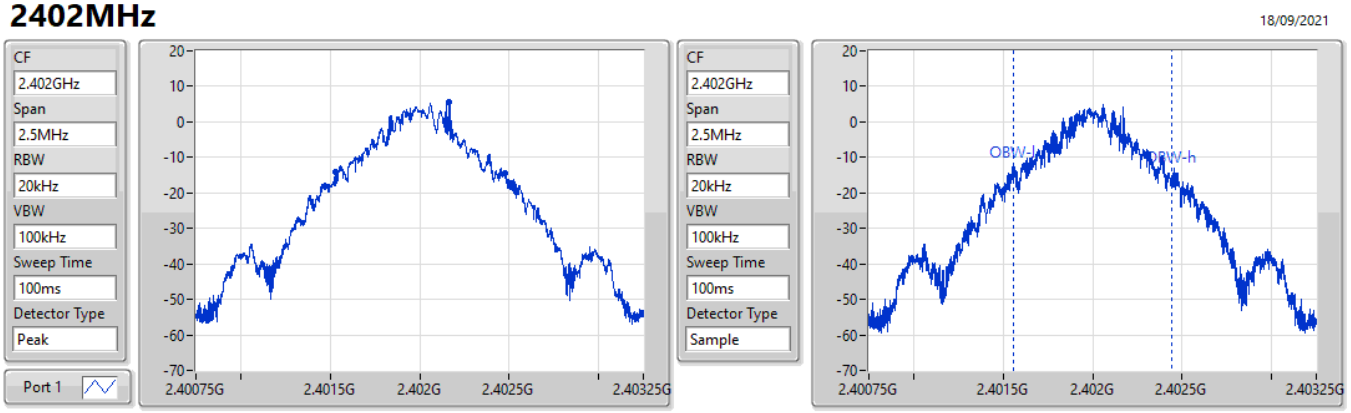
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
BT-BR(1Mbps)	-	-	-	-
2402MHz	Pass	Inf	943.75k	888.306k
2440MHz	Pass	Inf	951.25k	883.308k
2480MHz	Pass	Inf	937.5k	887.056k
BT-EDR(2Mbps)	-	-	-	-
2402MHz	Pass	Inf	1.321M	1.203M
2440MHz	Pass	Inf	1.334M	1.203M
2480MHz	Pass	Inf	1.323M	1.207M
BT-EDR(3Mbps)	-	-	-	-
2402MHz	Pass	Inf	1.288M	1.206M
2440MHz	Pass	Inf	1.289M	1.207M
2480MHz	Pass	Inf	1.301M	1.208M

Port X-N dB = Port X 20dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

BT-BR(1Mbps) EBW-FS

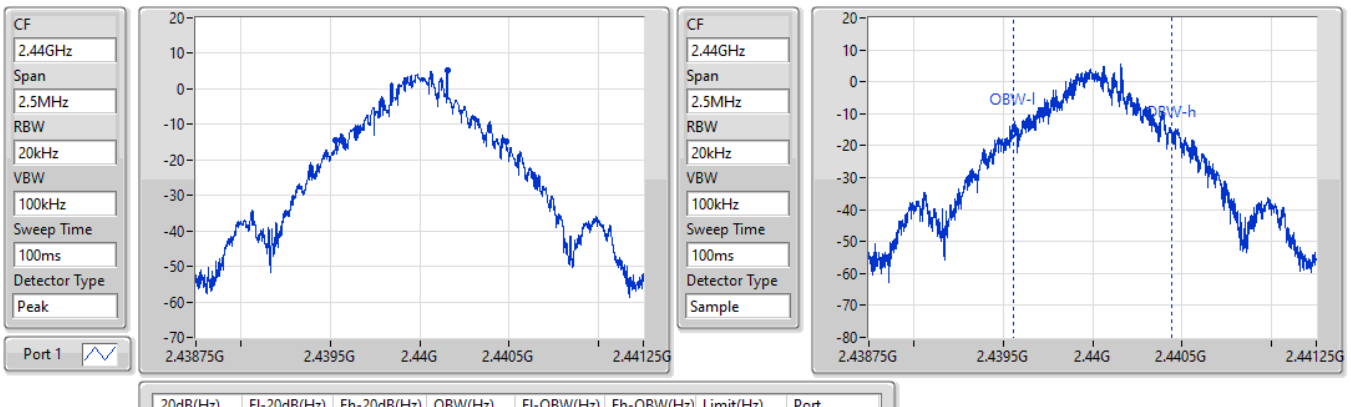
2402MHz



20dB(Hz)	Fl-20dB(Hz)	Fh-20dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
943.75k	2.401533G	2.402476G	888.306k	2.401556G	2.402445G	Inf	1

BT-BR(1Mbps) EBW-FS

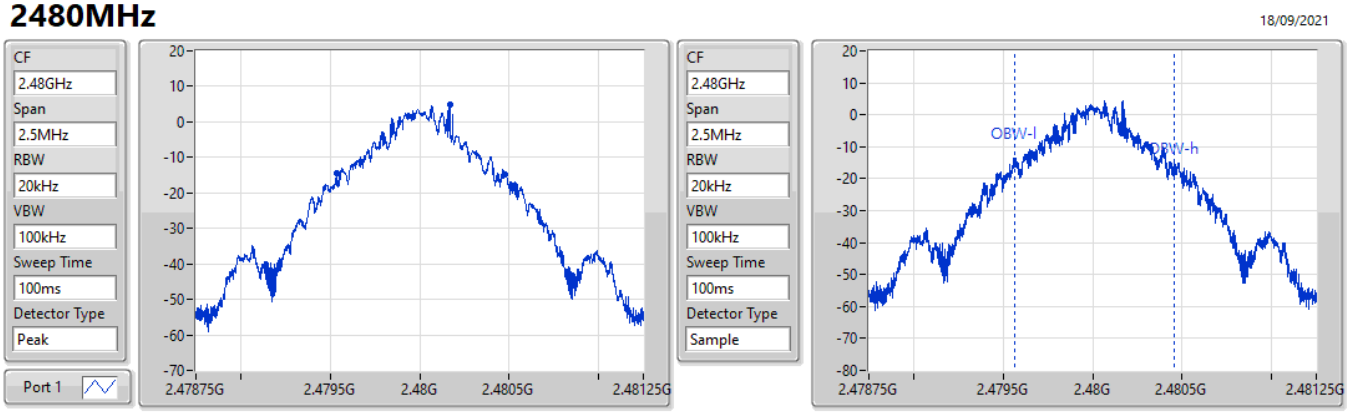
2440MHz



20dB(Hz)	Fl-20dB(Hz)	Fh-20dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
951.25k	2.439531G	2.440483G	883.308k	2.43956G	2.440444G	Inf	1

BT-BR(1Mbps) EBW-FS

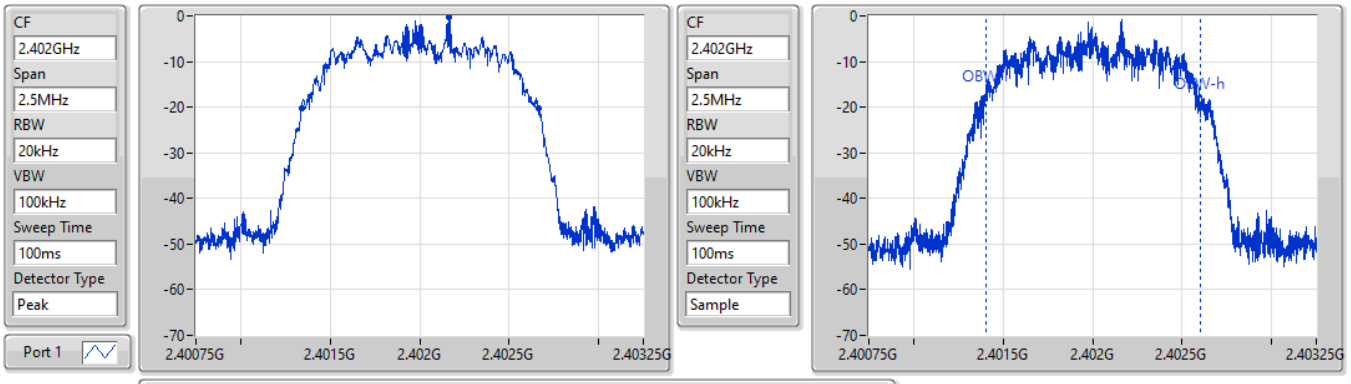
2480MHz



20dB(Hz)	Fl-20dB(Hz)	Fh-20dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
937.5k	2.47954G	2.480478G	887.056k	2.479566G	2.480454G	Inf	1

BT-EDR(2Mbps) EBW-FS

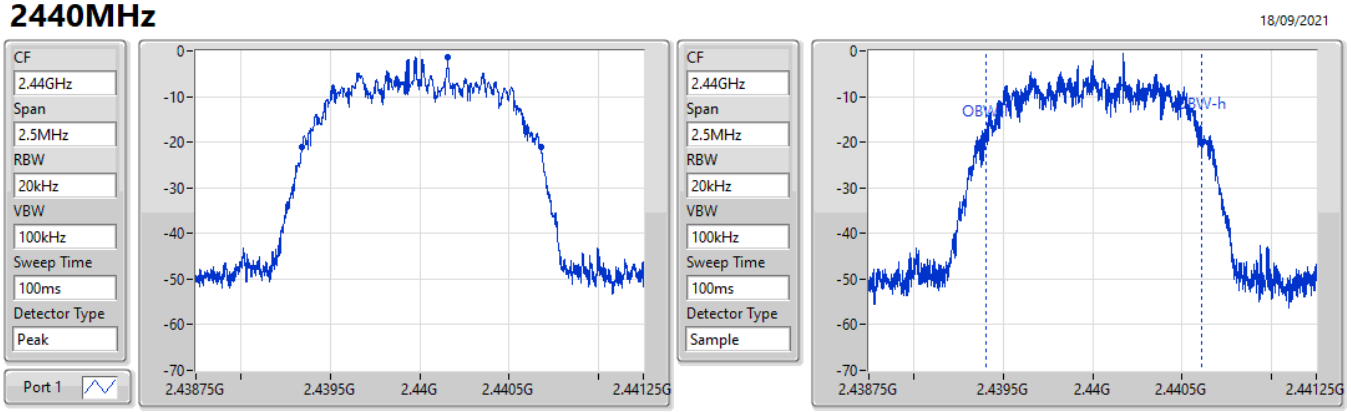
2402MHz



20dB(Hz)	Fl-20dB(Hz)	Fh-20dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
1.321M	2.401341G	2.402663G	1.203M	2.401402G	2.402605G	Inf	1

BT-EDR(2Mbps) EBW-FS

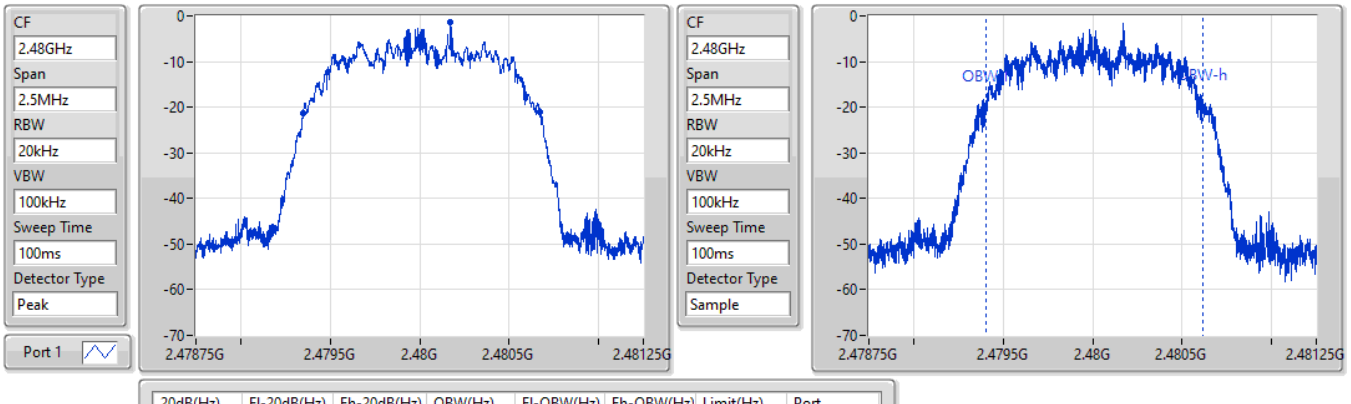
2440MHz



20dB(Hz)	Fl-20dB(Hz)	Fh-20dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
1.334M	2.439343G	2.440676G	1.203M	2.439404G	2.440607G	Inf	1

BT-EDR(2Mbps) EBW-FS

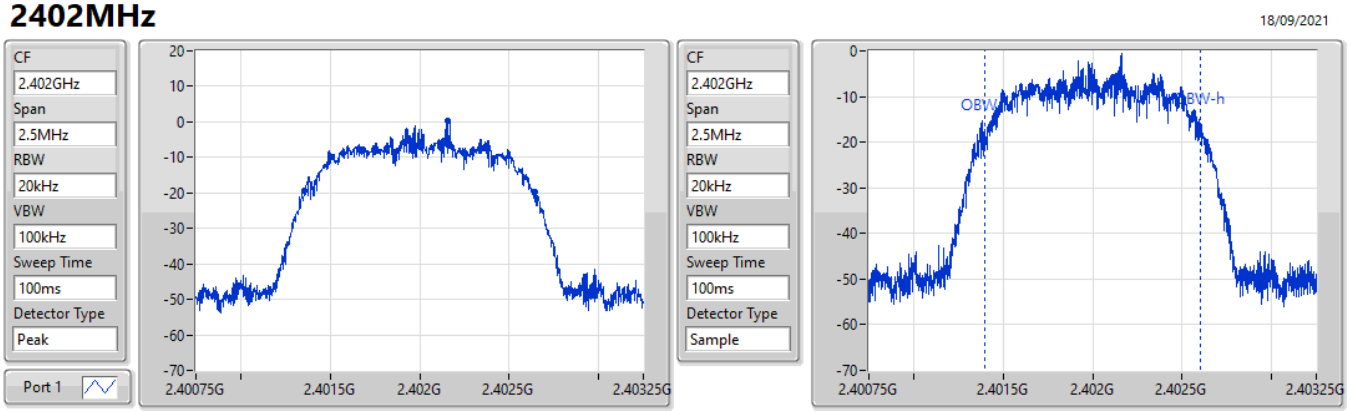
2480MHz



20dB(Hz)	Fl-20dB(Hz)	Fh-20dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
1.323M	2.47935G	2.480673G	1.207M	2.479408G	2.480615G	Inf	1

BT-EDR(3Mbps) EBW-FS

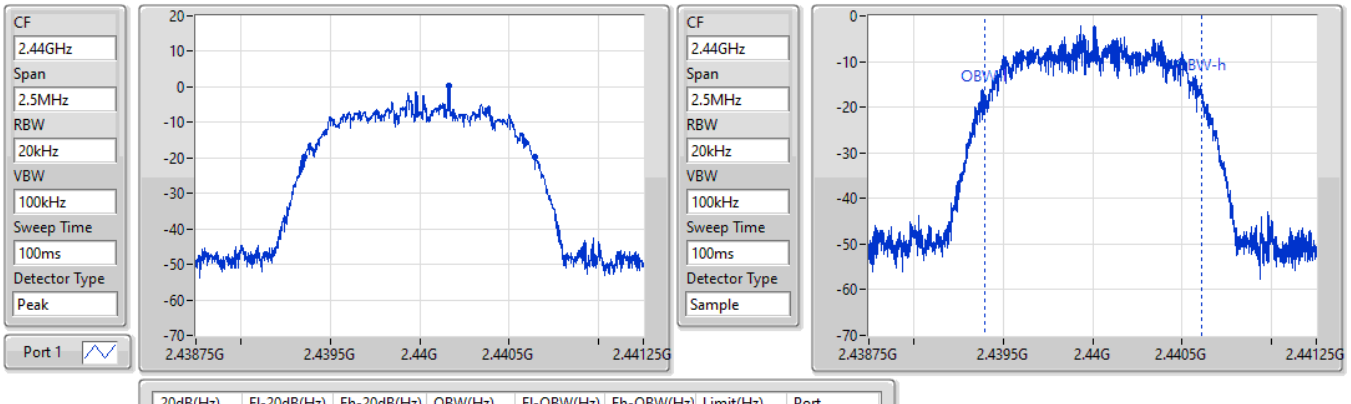
2402MHz



20dB(Hz)	Fl-20dB(Hz)	Fh-20dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
1.288M	2.401355G	2.402643G	1.206M	2.401395G	2.402601G	Inf	1

BT-EDR(3Mbps) EBW-FS

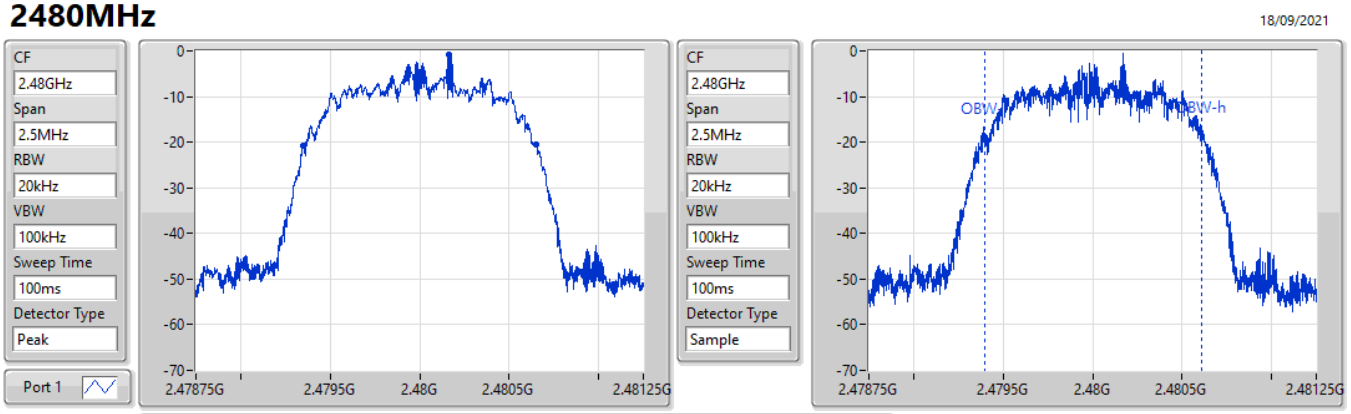
2440MHz



20dB(Hz)	Fl-20dB(Hz)	Fh-20dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
1.289M	2.439359G	2.440648G	1.207M	2.439399G	2.440606G	Inf	1

BT-EDR(3Mbps) **EBW-FS**

2480MHz



20dB(Hz)	Fl-20dB(Hz)	Fh-20dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
1.301M	2.479349G	2.48065G	1.208M	2.4794G	2.480608G	Inf	1

Summary

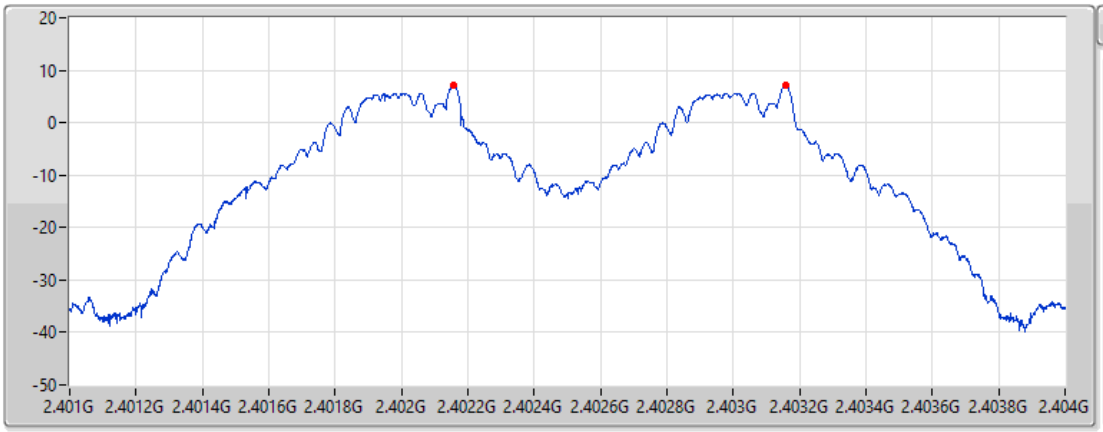
Mode	Max-Space (Hz)	Min-Space (Hz)
2.4-2.4835GHz	-	-
BT-BR(1Mbps)	1.0035M	999k
BT-EDR(2Mbps)	1.005M	996k
BT-EDR(3Mbps)	999k	997.5k

Result

Mode	Result	Fl (Hz)	Fh (Hz)	Ch.Space (Hz)	Limit (Hz)
BT-BR(1Mbps)	-	-	-	-	-
2402MHz	Pass	2.402158G	2.403157G	999k	628.5375k
2440MHz	Pass	2.440161G	2.44116G	999k	633.5325k
2480MHz	Pass	2.479164G	2.480168G	1.0035M	624.375k
BT-EDR(2Mbps)	-	-	-	-	-
2402MHz	Pass	2.402002G	2.403007G	1.005M	879.786k
2440MHz	Pass	2.440008G	2.441004G	996k	888.444k
2480MHz	Pass	2.479016G	2.480012G	996k	881.118k
BT-EDR(3Mbps)	-	-	-	-	-
2402MHz	Pass	2.402158G	2.403157G	999k	857.808k
2440MHz	Pass	2.440163G	2.44116G	997.5k	858.474k
2480MHz	Pass	2.479167G	2.480166G	999k	866.466k

BT-BR(1Mbps) Channel Separation-FS

2.402G/2.403GHz



Fl(Hz)	Fh(Hz)	Ch.Space(Hz)	Limit(Hz)
2.402158G	2.403157G	999k	628.5375k

BT-BR(1Mbps) Channel Separation-FS

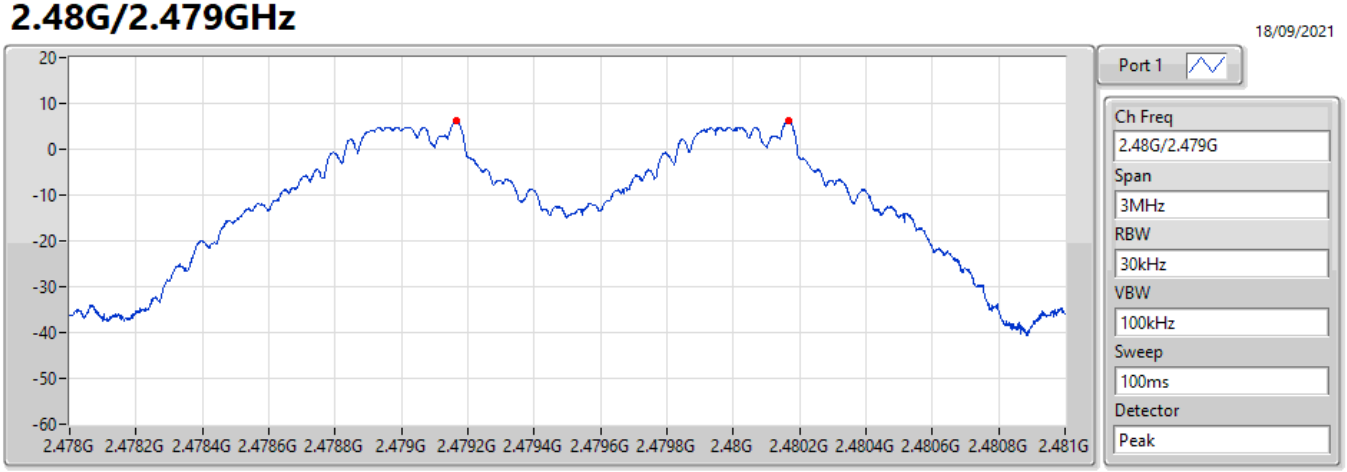
2.44G/2.441GHz

Fl(Hz)	Fh(Hz)	Ch.Space(Hz)	Limit(Hz)
2.440161G	2.44116G	999k	633.5325k

BT-BR(1Mbps)

Channel Separation-FS

2.48G/2.479GHz

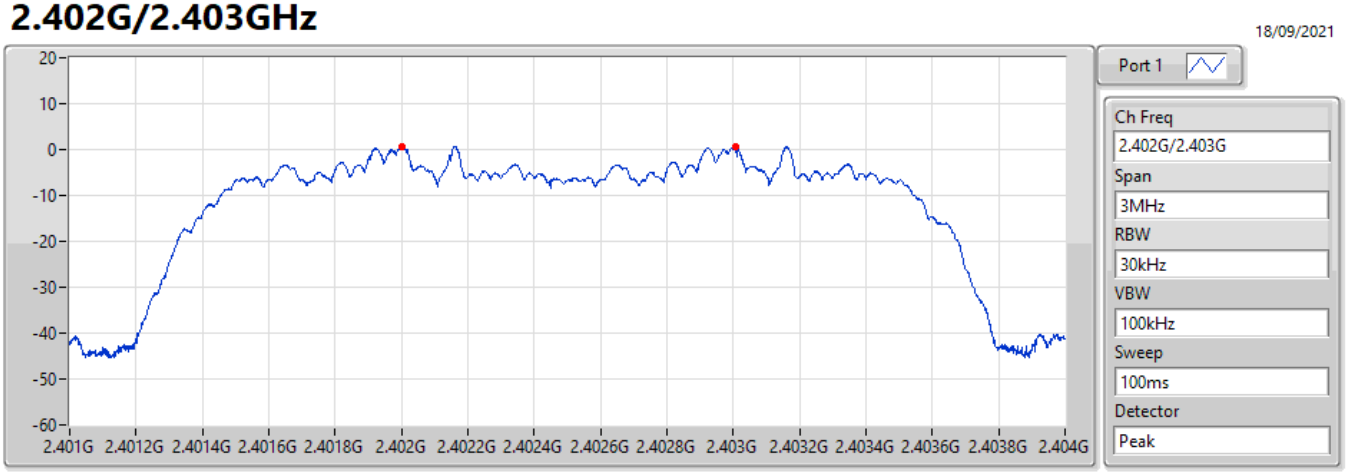


Fl(Hz)	Fh(Hz)	Ch.Space(Hz)	Limit(Hz)
2.479164G	2.480168G	1.0035M	624.375k

BT-EDR(2Mbps)

Channel Separation-FS

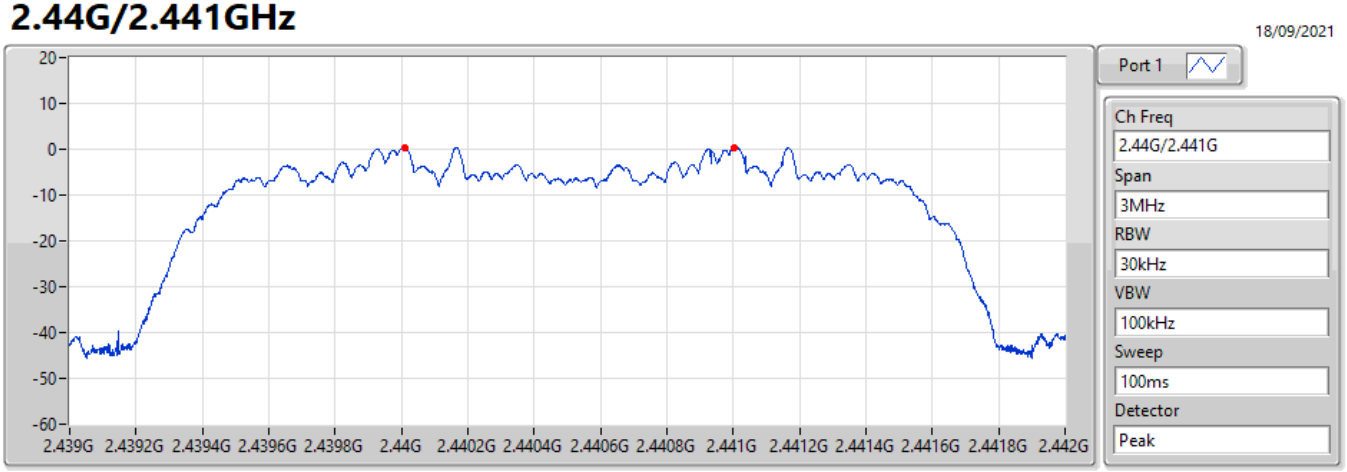
2.402G/2.403GHz



Fl(Hz)	Fh(Hz)	Ch.Space(Hz)	Limit(Hz)
2.402002G	2.403007G	1.005M	879.786k

BT-EDR(2Mbps) Channel Separation-FS

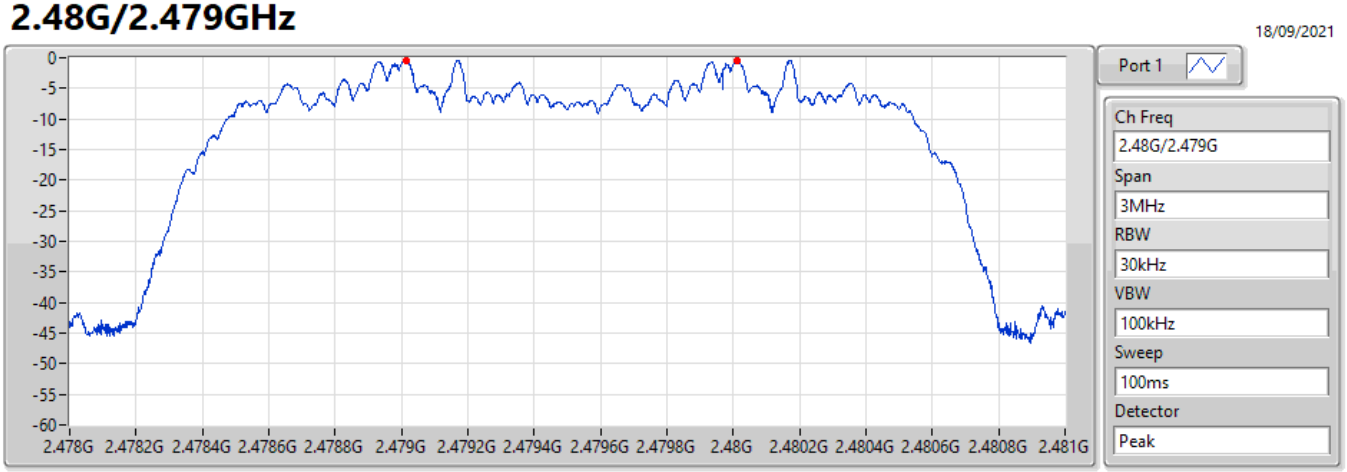
2.44G/2.441GHz



Fl(Hz)	Fh(Hz)	Ch.Space(Hz)	Limit(Hz)
2.440008G	2.441004G	996k	888.444k

BT-EDR(2Mbps) Channel Separation-FS

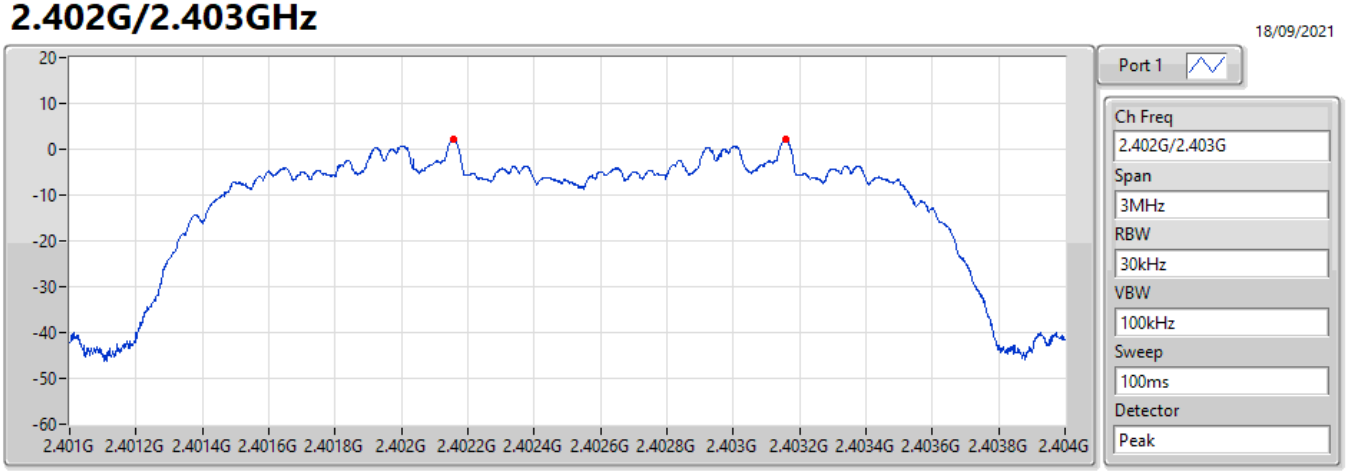
2.48G/2.479GHz



Fl(Hz)	Fh(Hz)	Ch.Space(Hz)	Limit(Hz)
2.479016G	2.480012G	996k	881.118k

BT-EDR(3Mbps) Channel Separation-FS

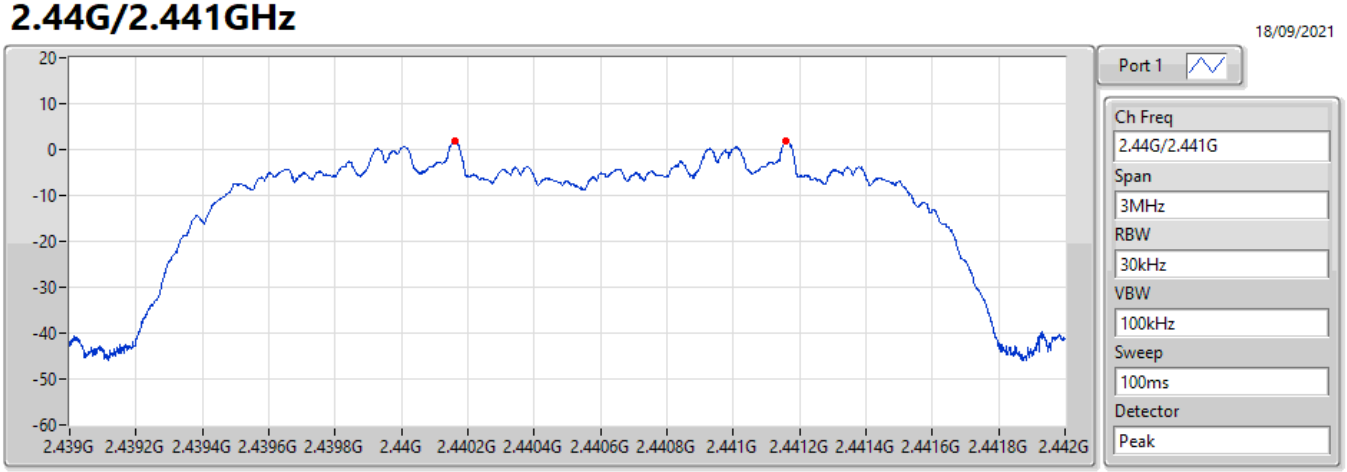
2.402G/2.403GHz



Fl(Hz)	Fh(Hz)	Ch.Space(Hz)	Limit(Hz)
2.402158G	2.403157G	999k	857.808k

BT-EDR(3Mbps) Channel Separation-FS

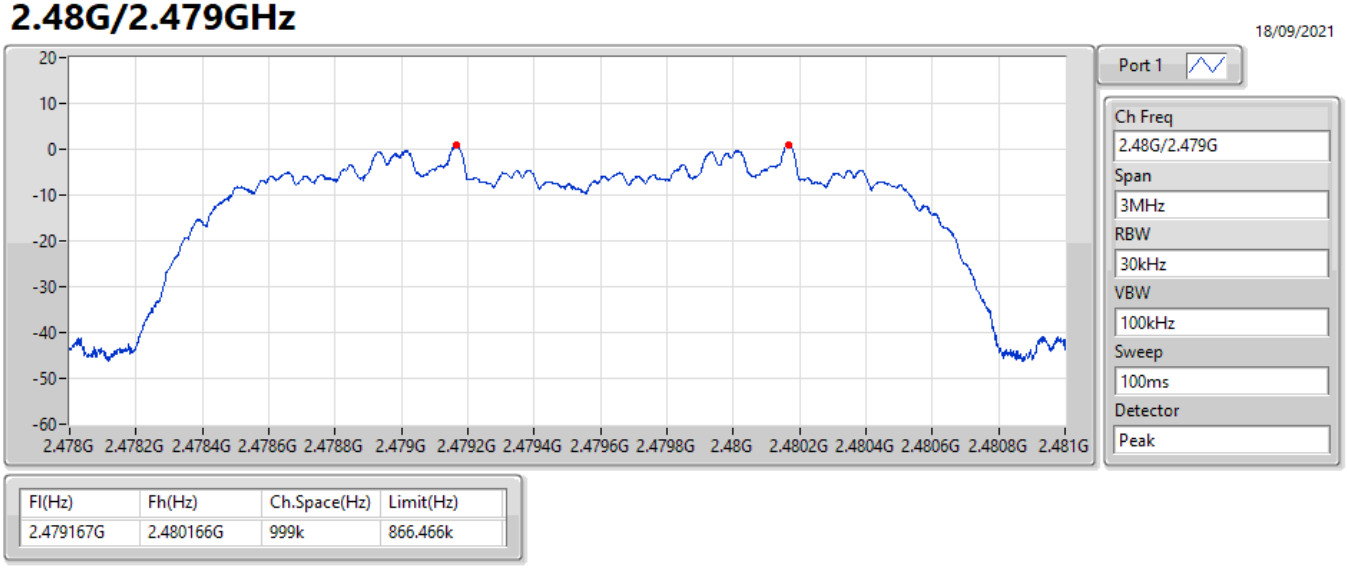
2.44G/2.441GHz



Fl(Hz)	Fh(Hz)	Ch.Space(Hz)	Limit(Hz)
2.440163G	2.44116G	997.5k	858.474k

BT-EDR(3Mbps) **Channel Separation-FS**

2.48G/2.479GHz



Fl(Hz)	Fh(Hz)	Ch.Space(Hz)	Limit(Hz)
2.479167G	2.480166G	999k	866.466k

Summary

Mode	Power (dBm)	Power (W)
2.4-2.4835GHz	-	-
BT-BR(1Mbps)	8.66	0.00735
BT-EDR(2Mbps)	3.90	0.00245
BT-EDR(3Mbps)	3.90	0.00245

Result

Mode	Result	Gain (dBi)	Power (dBm)	Power Limit (dBm)
BT-BR(1Mbps)	-	-	-	-
2402MHz	Pass	4.20	8.66	21.00
2440MHz	Pass	4.20	8.60	21.00
2480MHz	Pass	4.20	8.02	21.00
BT-EDR(2Mbps)	-	-	-	-
2402MHz	Pass	4.20	3.90	21.00
2440MHz	Pass	4.20	3.70	21.00
2480MHz	Pass	4.20	2.83	21.00
BT-EDR(3Mbps)	-	-	-	-
2402MHz	Pass	4.20	3.90	21.00
2440MHz	Pass	4.20	3.70	21.00
2480MHz	Pass	4.20	2.71	21.00

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

Summary

Mode	Power (dBm)	Power (W)
2.4-2.4835GHz	-	-
BT-BR(1Mbps)	8.70	0.00741
BT-EDR(2Mbps)	6.15	0.00412
BT-EDR(3Mbps)	6.62	0.00459

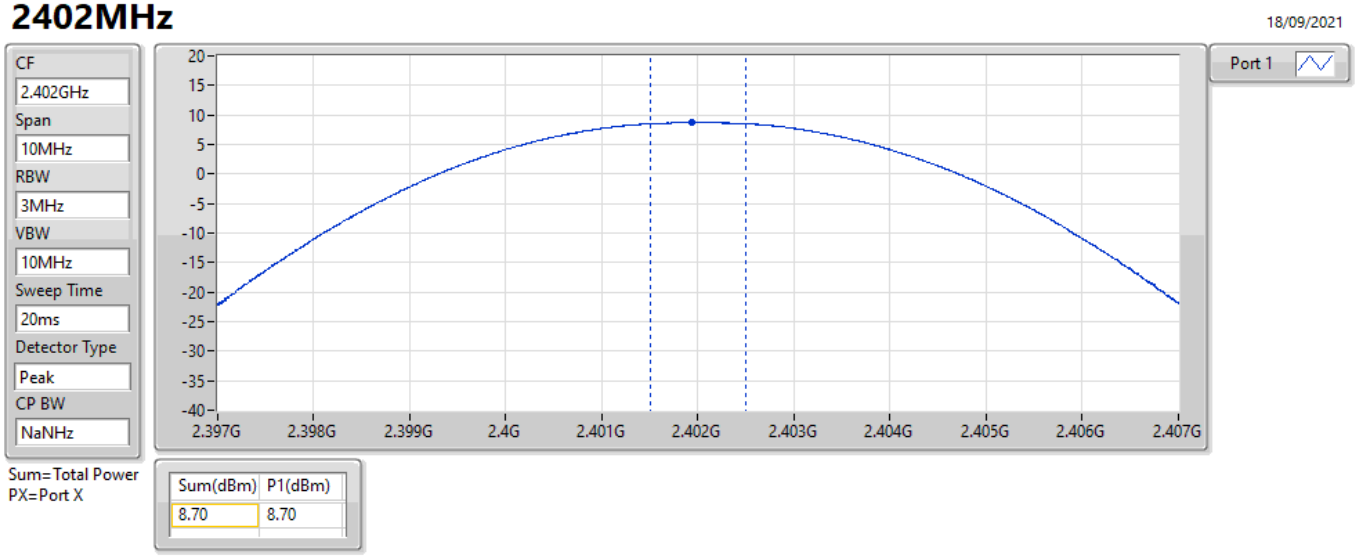
Result

Mode	Result	Gain (dBi)	Power (dBm)	Power Limit (dBm)
BT-BR(1Mbps)	-	-	-	-
2402MHz	Pass	4.20	8.70	21.00
2440MHz	Pass	4.20	8.70	21.00
2480MHz	Pass	4.20	8.09	21.00
BT-EDR(2Mbps)	-	-	-	-
2402MHz	Pass	4.20	6.15	21.00
2440MHz	Pass	4.20	5.94	21.00
2480MHz	Pass	4.20	5.13	21.00
BT-EDR(3Mbps)	-	-	-	-
2402MHz	Pass	4.20	6.62	21.00
2440MHz	Pass	4.20	6.43	21.00
2480MHz	Pass	4.20	5.59	21.00

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

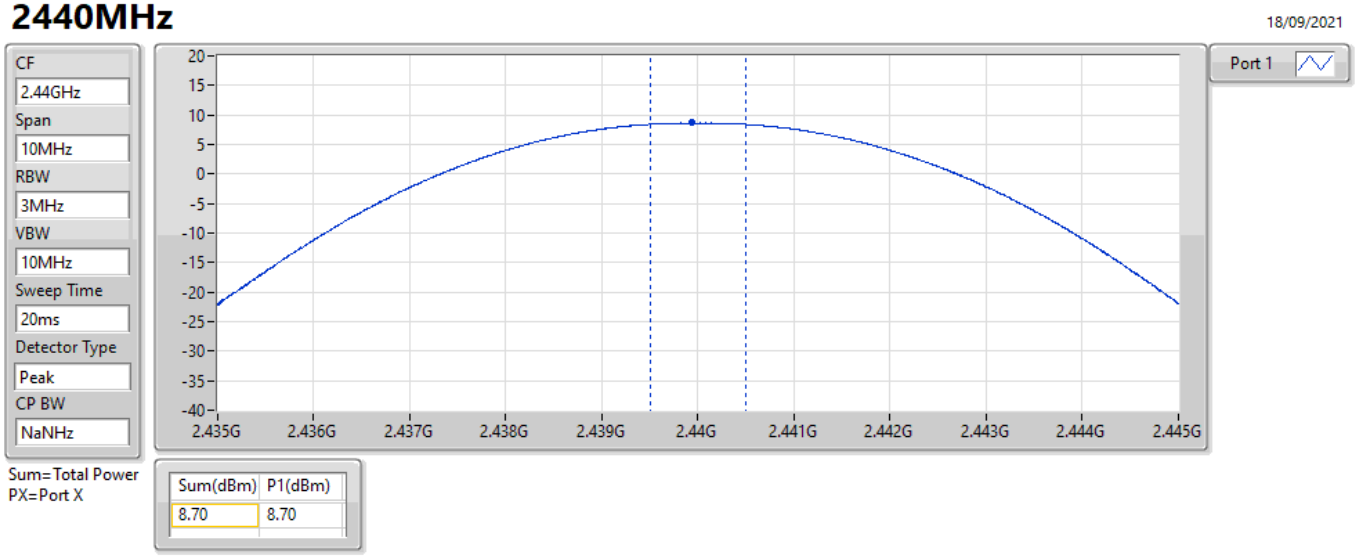
BT-BR(1Mbps) PK Power-FS

2402MHz



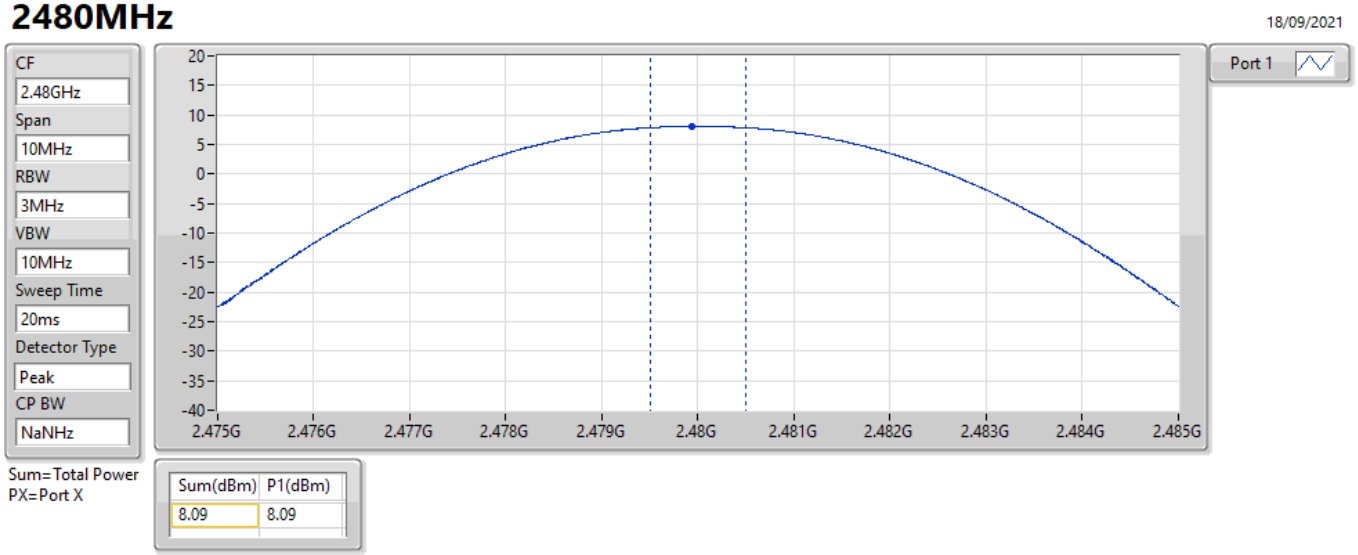
BT-BR(1Mbps) PK Power-FS

2440MHz



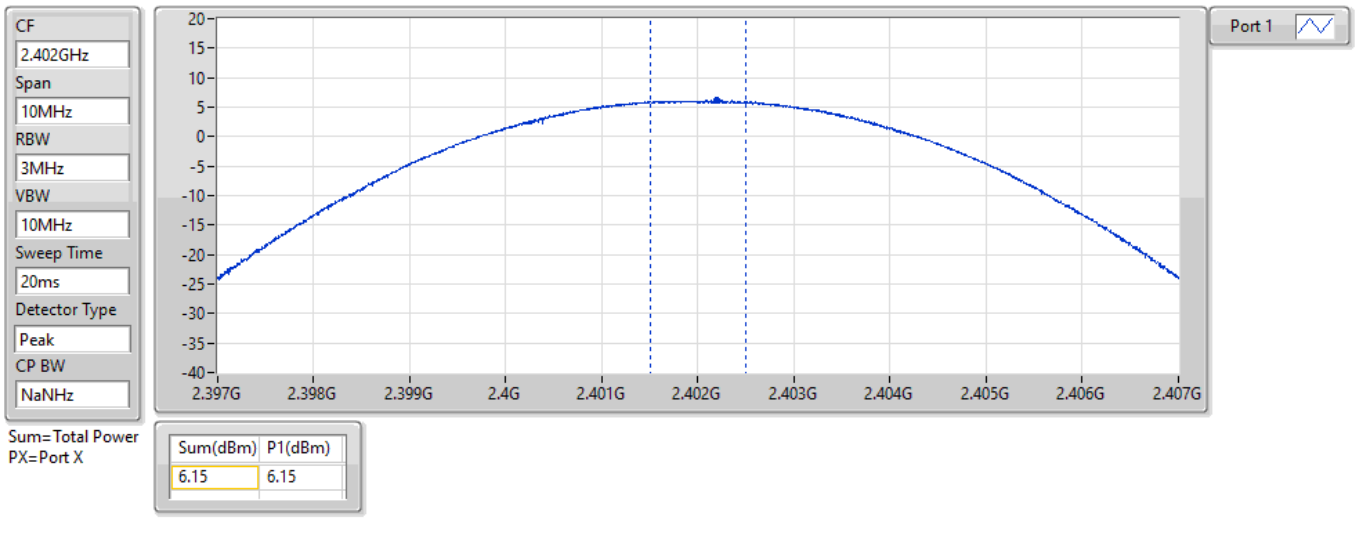
BT-BR(1Mbps) PK Power-FS

2480MHz



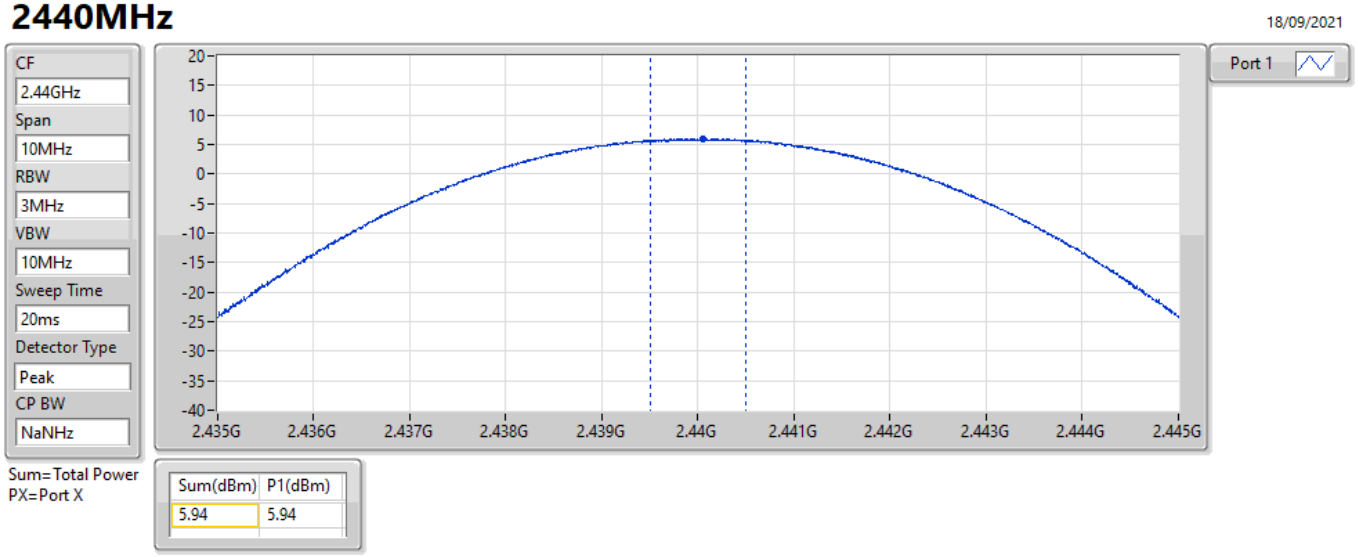
BT-EDR(2Mbps) PK Power-FS

2402MHz



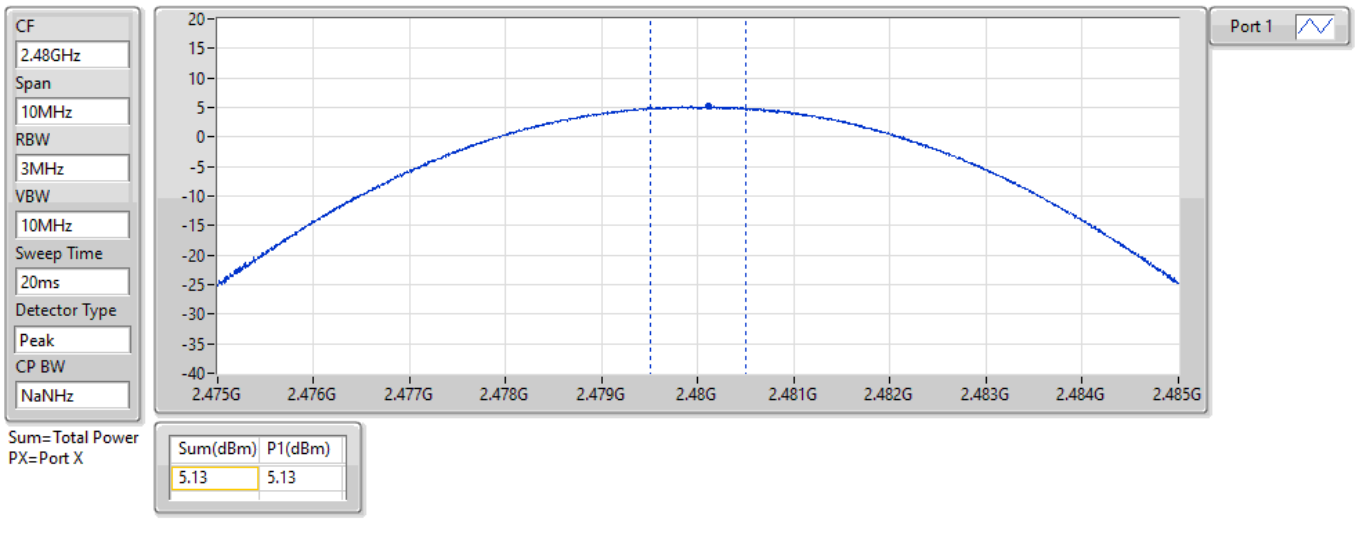
BT-EDR(2Mbps) PK Power-FS

2440MHz



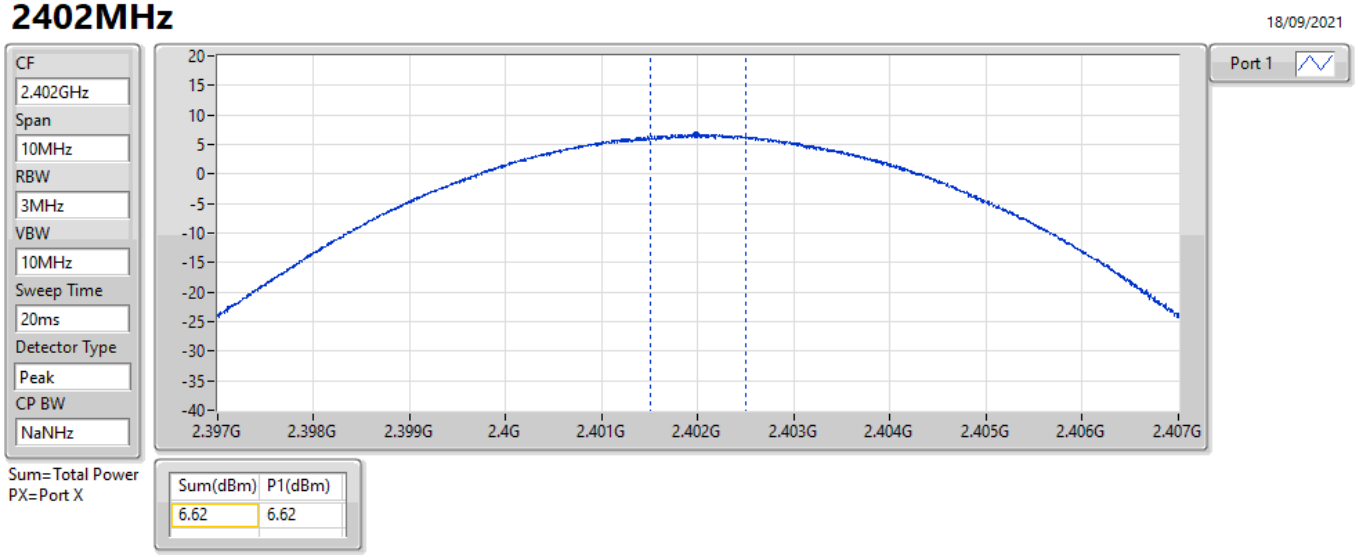
BT-EDR(2Mbps) PK Power-FS

2480MHz



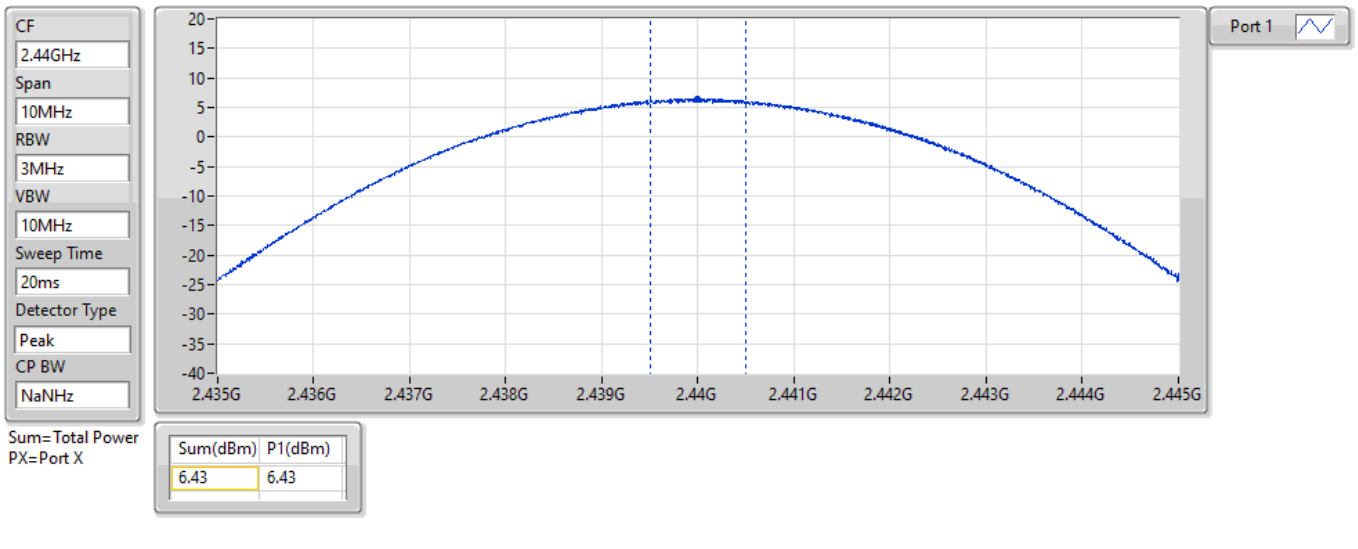
BT-EDR(3Mbps) PK Power-FS

2402MHz



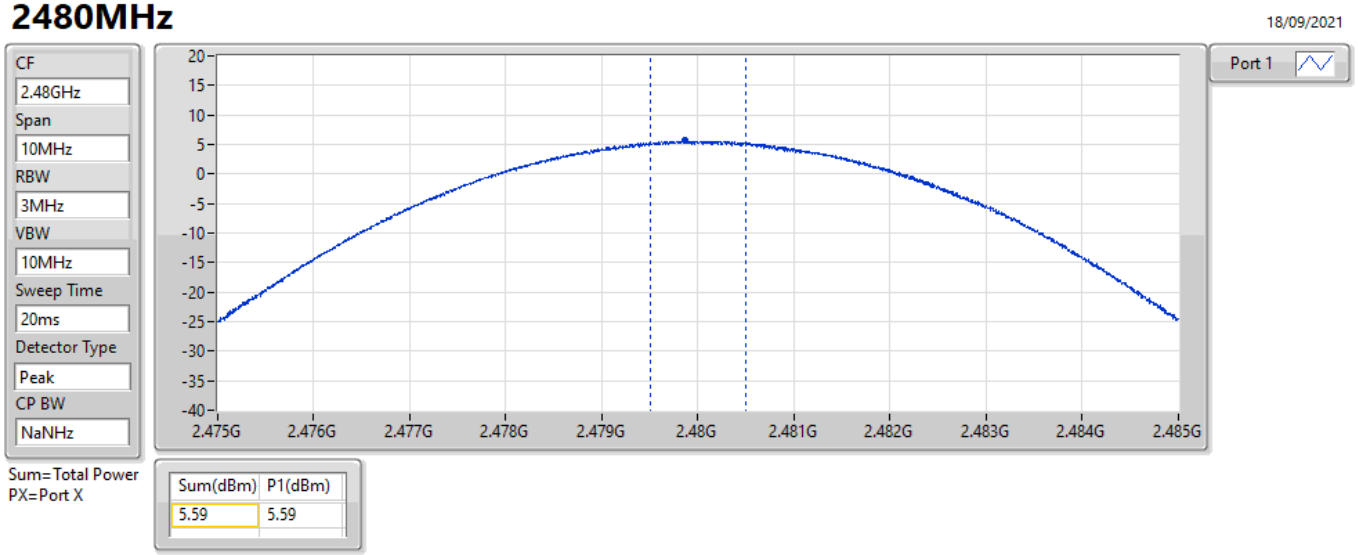
BT-EDR(3Mbps) PK Power-FS

2440MHz



BT-EDR(3Mbps) **PK Power-FS**

2480MHz



Summary

Mode	Max-Hop No
2.4-2.4835GHz	-
BT-BR(1Mbps)	79
BT-EDR(2Mbps)	79
BT-EDR(3Mbps)	79

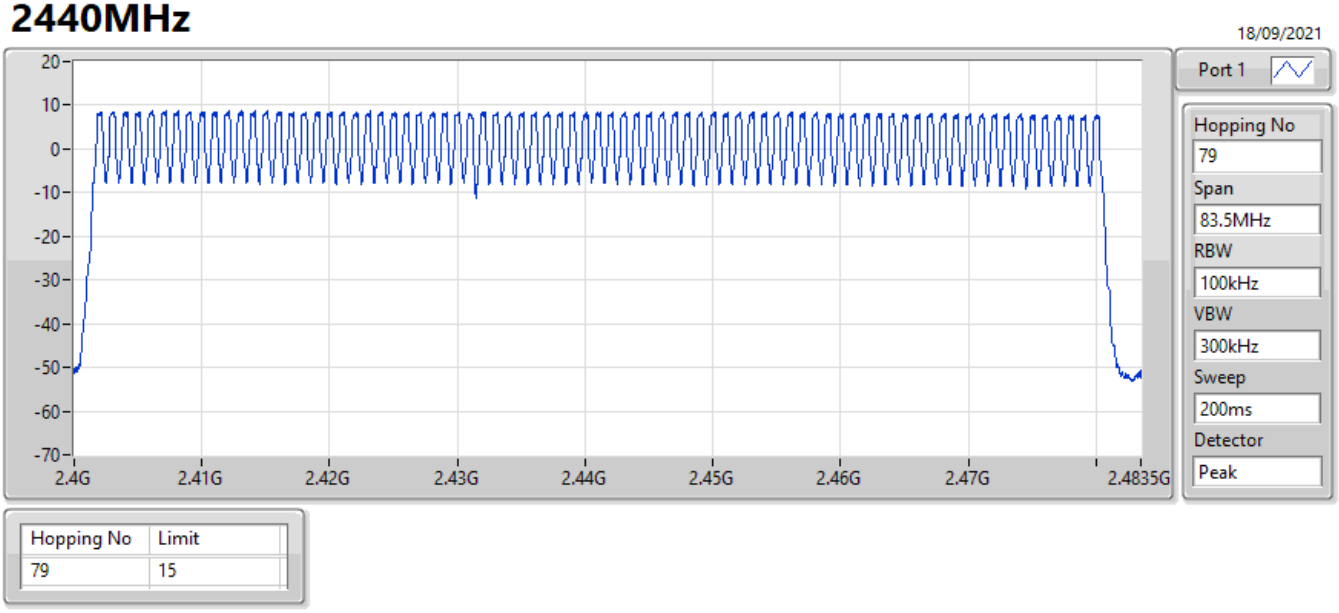
Result

Mode	Result	Hopping No	Limit
BT-BR(1Mbps)	-	-	-
2440MHz	Pass	79	15
BT-EDR(2Mbps)	-	-	-
2440MHz	Pass	79	15
BT-EDR(3Mbps)	-	-	-
2440MHz	Pass	79	15

BT-BR(1Mbps)

2440MHz

Hopping-FS

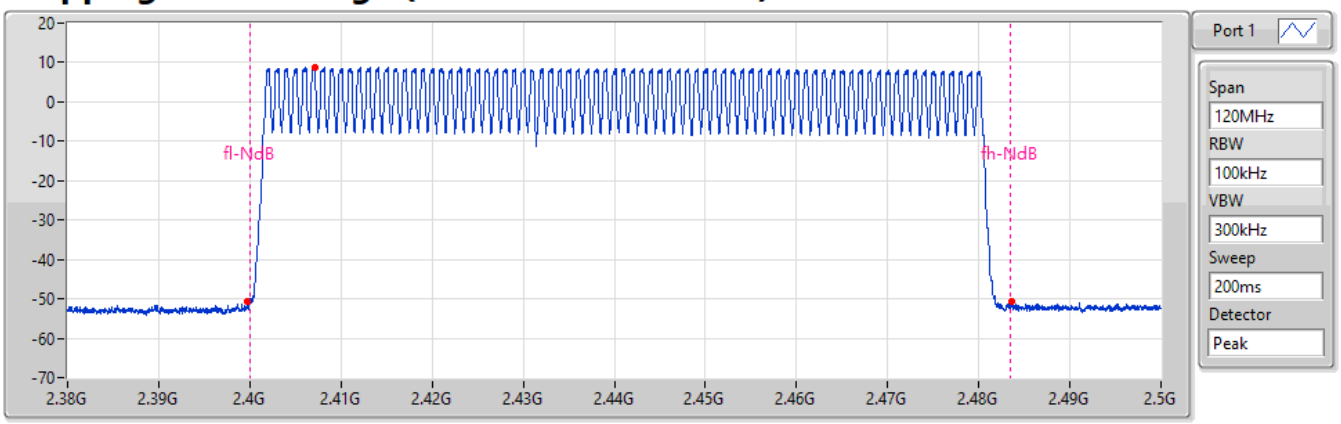


Hopping No	Limit
79	15

BT-BR(1Mbps)

2440MHz

Hopping Ch Bandedge (Non-restricted Band)

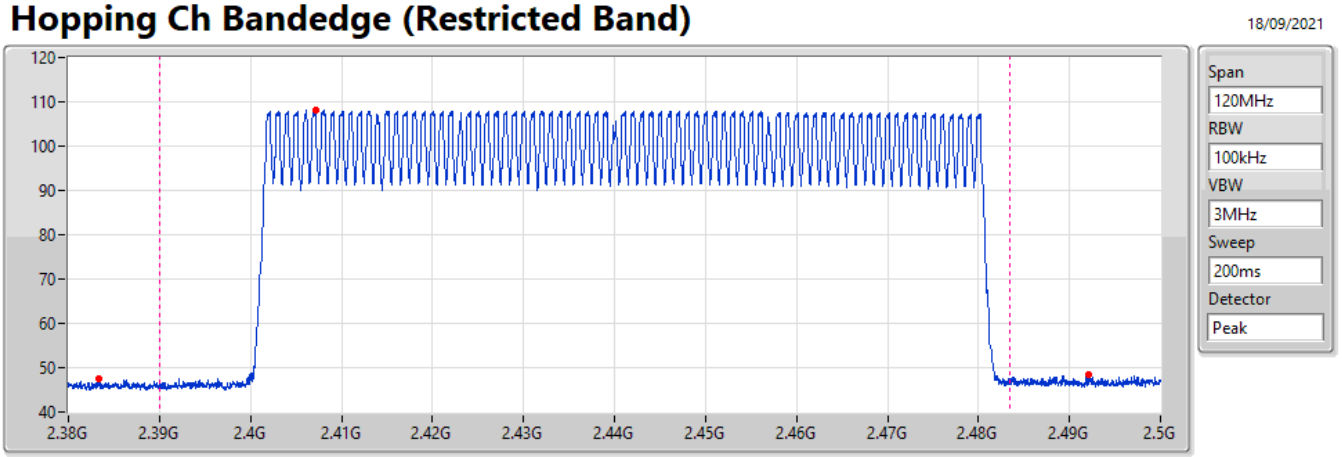


Limit(dBm)	Ref(Hz)	Ref(dBm)	BE-l(Hz)	BE-l(dBm)	BE-h(Hz)	BE-h(dBm)
-11.32	2.40715G	8.68	2.39971G	-50.56	2.483575G	-50.77

BT-BR(1Mbps)

2440MHz

Hopping Ch Bandedge (Restricted Band)

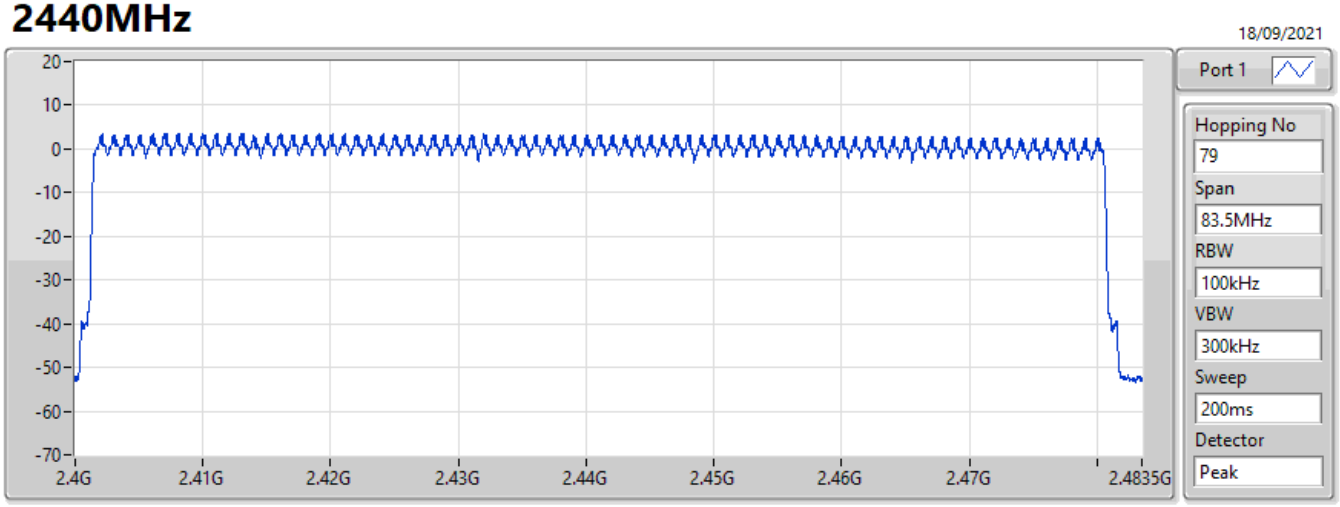


Ref(Hz)	Ref(dBuV/m)	BE-l(Hz)	PK(dBuV/m)	AV(dBuV/m)	BE-h(Hz)	PK(dBuV/m)	AV(dBuV/m)	LimPK(dBuV/	LimAV(dBuV/	Tx On(ms)	DCF(dB)
2.40715G	108.01	2.38333G	47.38	17.28	2.492155G	48.4	18.3	74	54	3.125	-30.1

BT-EDR(2Mbps)

Hopping-FS

2440MHz

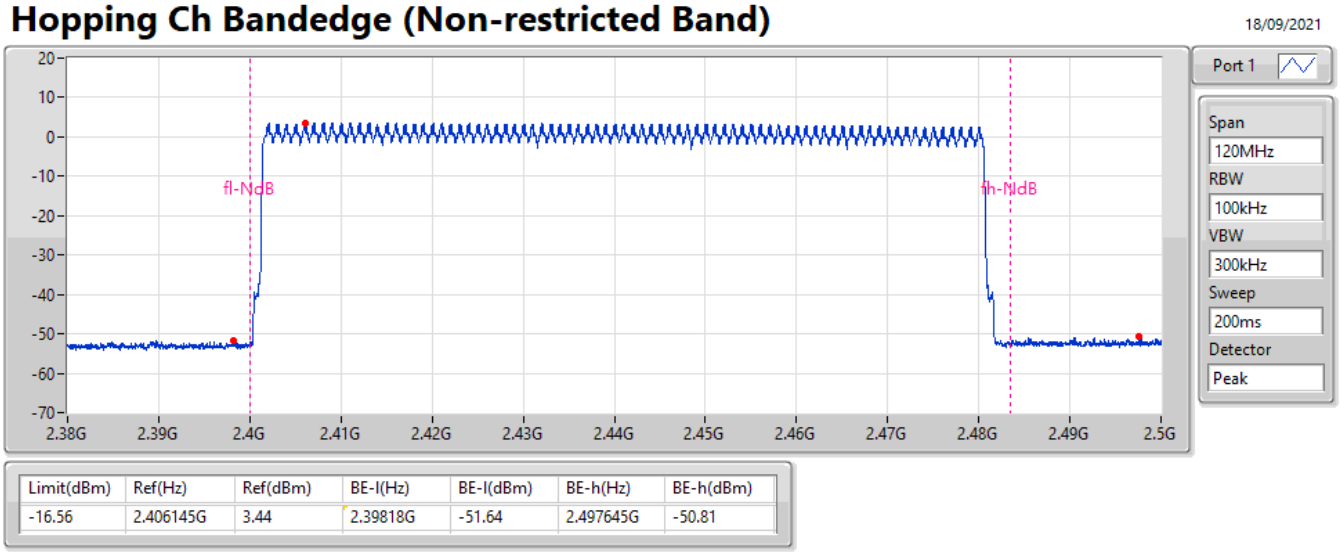


Hopping No	Limit
79	15

BT-EDR(2Mbps)

2440MHz

Hopping Ch Bandedge (Non-restricted Band)

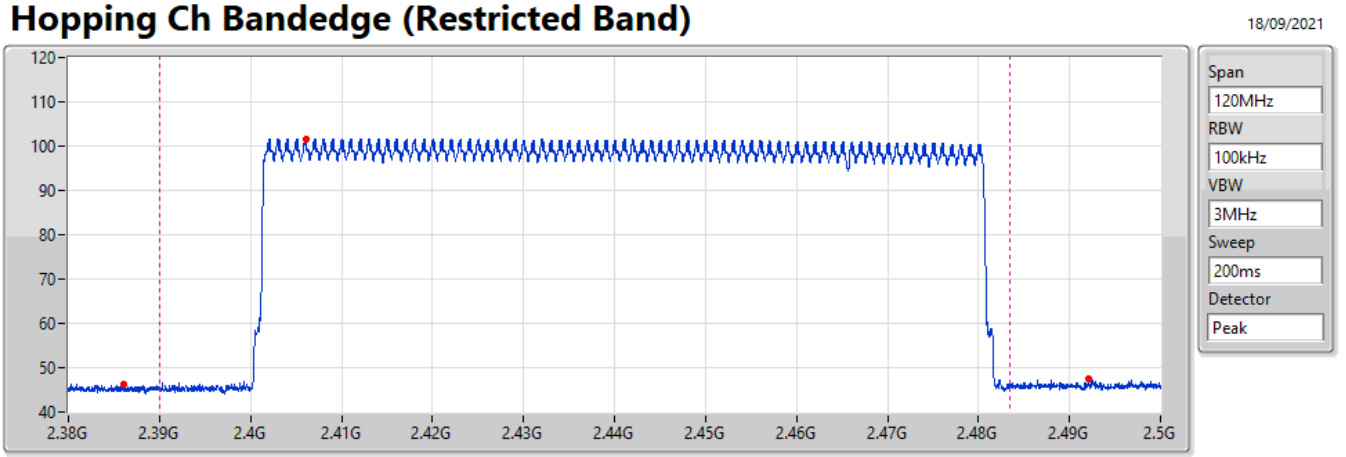


Limit(dBm)	Ref(Hz)	Ref(dBm)	BE-l(Hz)	BE-l(dBm)	BE-h(Hz)	BE-h(dBm)
-16.56	2.406145G	3.44	2.39818G	-51.64	2.497645G	-50.81

BT-EDR(2Mbps)

2440MHz

Hopping Ch Bandedge (Restricted Band)

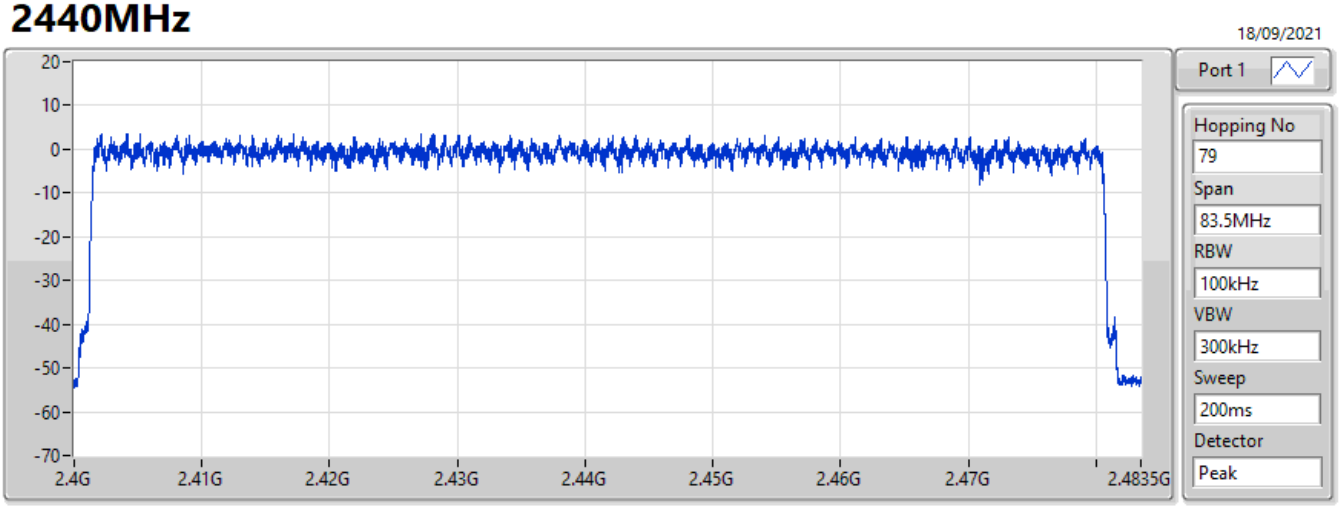


Ref(Hz)	Ref(dBuV/m)	BE-l(Hz)	PK(dBuV/m)	AV(dBuV/m)	BE-h(Hz)	PK(dBuV/m)	AV(dBuV/m)	LimPK(dBuV/	LimAV(dBuV/	Tx On(ms)	DCF(dB)
2.406145G	101.58	2.38603G	46.31	16.21	2.492125G	47.49	17.39	74	54	3.125	-30.1

BT-EDR(3Mbps)

Hopping-FS

2440MHz

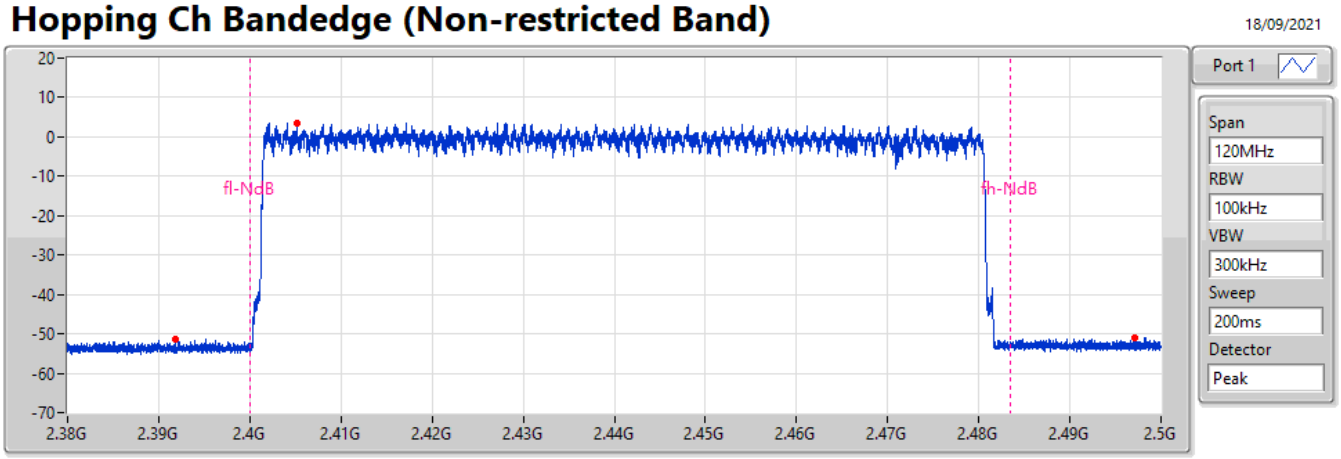


Hopping No	Limit
79	15

BT-EDR(3Mbps)

2440MHz

Hopping Ch Bandedge (Non-restricted Band)

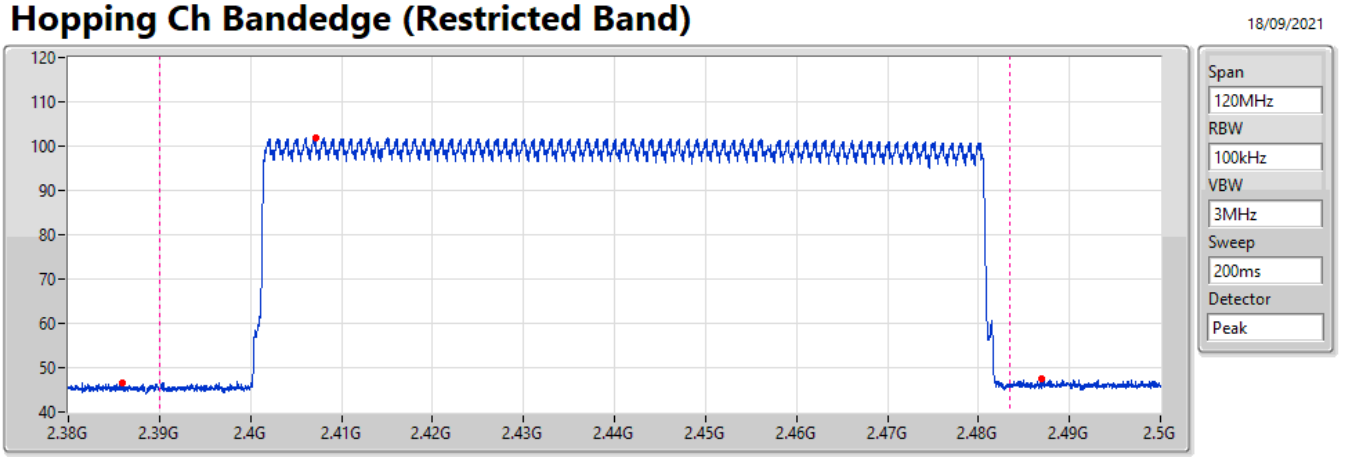


Limit(dBm)	Ref(Hz)	Ref(dBm)	BE-l(Hz)	BE-l(dBm)	BE-h(Hz)	BE-h(dBm)
-16.53	2.405155G	3.47	2.391805G	-51.2	2.49712G	-50.87

BT-EDR(3Mbps)

2440MHz

Hopping Ch Bandedge (Restricted Band)



Ref(Hz)	Ref(dBuV/m)	BE-l(Hz)	PK(dBuV/m)	AV(dBuV/m)	BE-h(Hz)	PK(dBuV/m)	AV(dBuV/m)	LimPK(dBuV/	LimAV(dBuV/	Tx On(ms)	DCF(dB)
2.40715G	101.8	2.385865G	46.63	16.53	2.48701G	47.39	17.29	74	54	3.125	-30.1

Summary

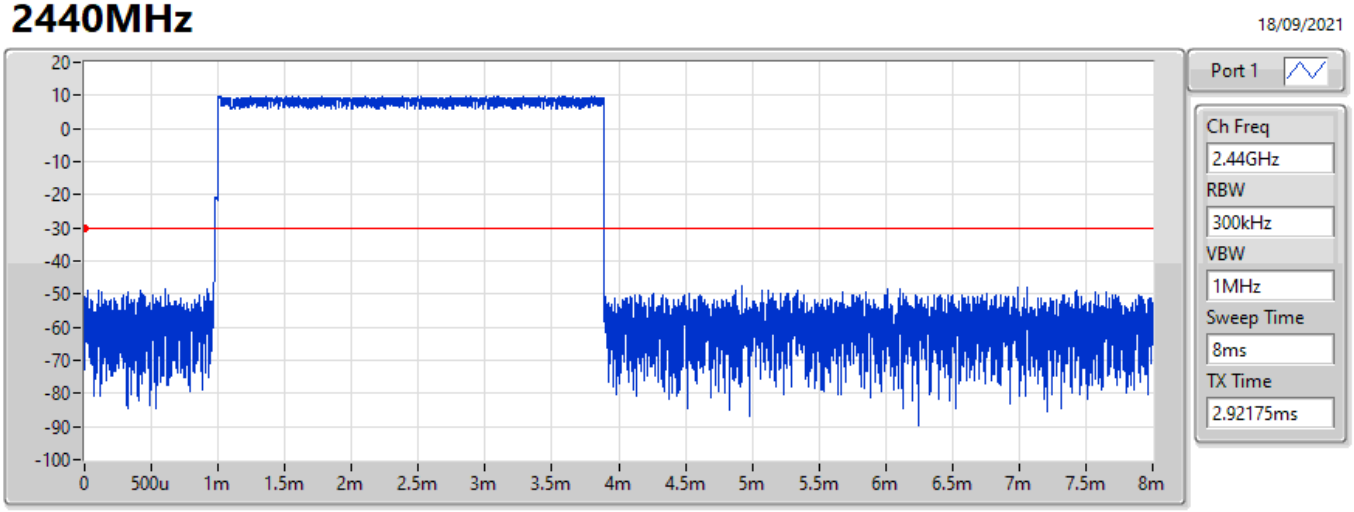
Mode	Max-Dwell (s)
2.4-2.4835GHz	-
BT-BR(1Mbps)	311.45855m_DH5
BT-EDR(2Mbps)	311.5918m_DH5
BT-EDR(3Mbps)	311.9116m_DH5

Result

Mode	Result	Period (s)	Dwell (s)	Limit (s)	Tx On (s)
BT-BR(1Mbps)	-	-	-	-	-
2440MHz	Pass	31.6	311.45855m_DH5	400m	2.92175m
2440MHz	Pass	8	155.729275m_DH5-AFH	400m	2.92175m
BT-EDR(2Mbps)	-	-	-	-	-
2440MHz	Pass	31.6	311.5918m_DH5	400m	2.923m
2440MHz	Pass	8	155.755925m_DH5-AFH	400m	2.92225m
BT-EDR(3Mbps)	-	-	-	-	-
2440MHz	Pass	31.6	311.9116m_DH5	400m	2.926m
2440MHz	Pass	8	155.9025m_DH5-AFH	400m	2.925m

BT-BR(1Mbps) Dwell-FS

2440MHz

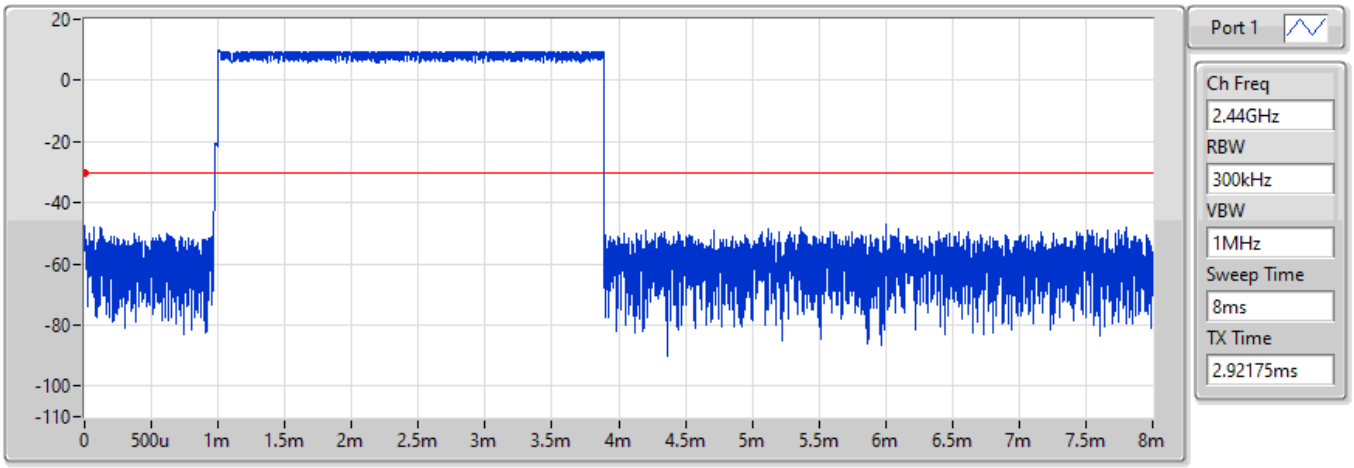


Period(s)	Dwell(s)	Limit(s)	Tx On(s)
31.6	311.45855m_DH5	400m	2.92175m

DH5

BT-BR(1Mbps) Dwell-FS

2440MHz

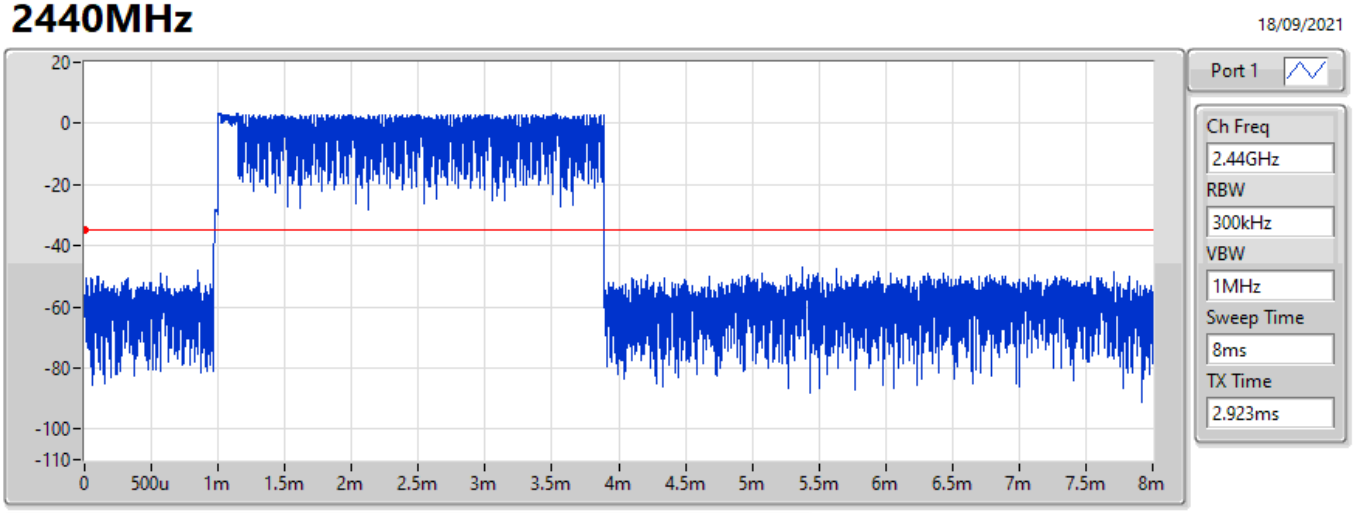


Period(s)	Dwell(s)	Limit(s)	Tx On(s)
8	155.729275m_DH5-AFI	400m	2.92175m

DH5-AFH

BT-EDR(2Mbps) **Dwell-FS**

2440MHz

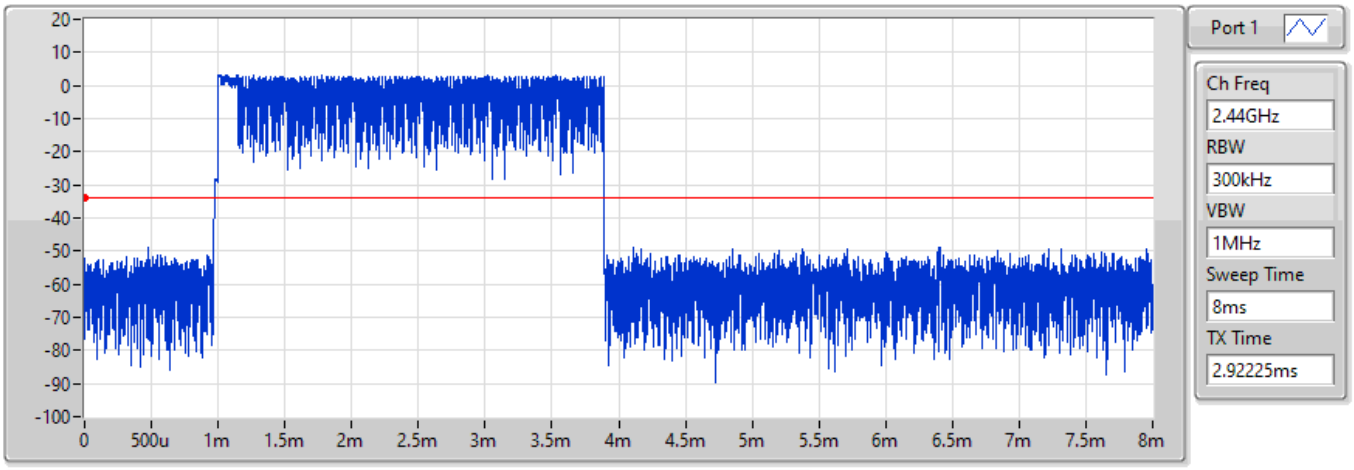


Period(s)	Dwell(s)	Limit(s)	Tx On(s)
31.6	311.5918m_DH5	400m	2.923m

DH5

BT-EDR(2Mbps) **Dwell-FS**

2440MHz

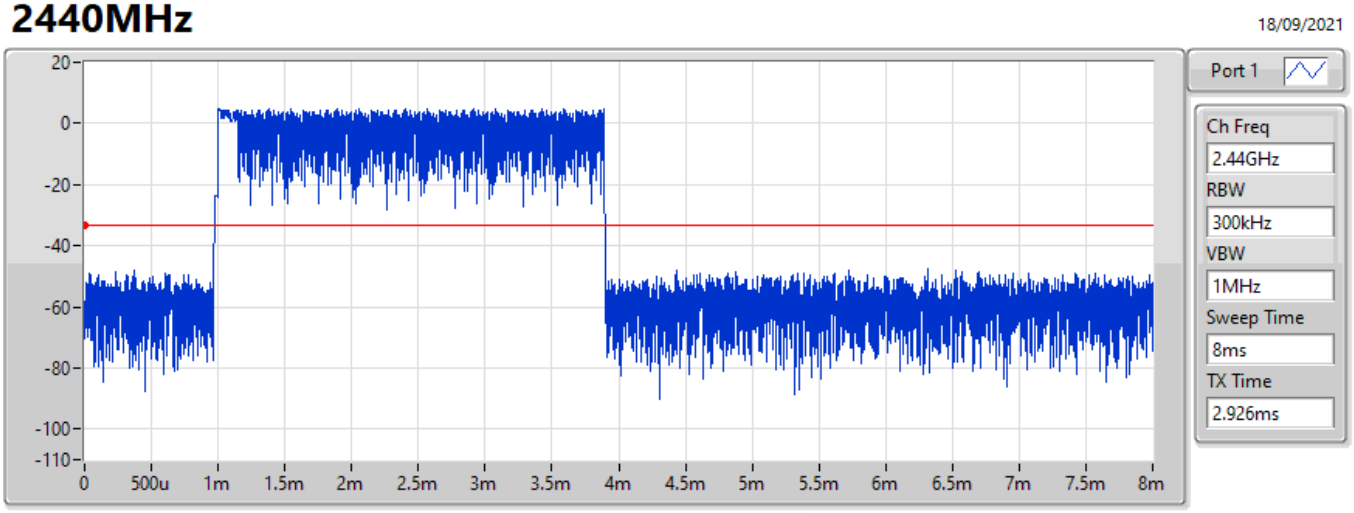


Period(s)	Dwell(s)	Limit(s)	Tx On(s)
8	155.755925m_DH5-AFI	400m	2.92225m

DH5-AFH

BT-EDR(3Mbps) **Dwell-FS**

2440MHz

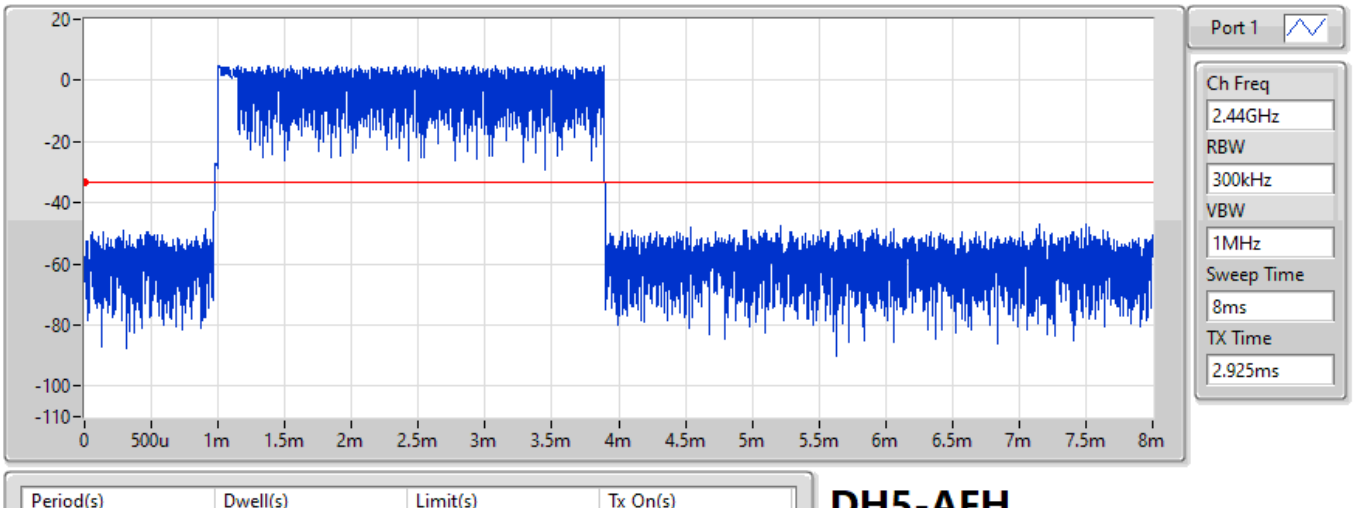


Period(s)	Dwell(s)	Limit(s)	Tx On(s)
31.6	311.9116m_DH5	400m	2.926m

DH5

BT-EDR(3Mbps) **Dwell-FS**

2440MHz



Period(s)	Dwell(s)	Limit(s)	Tx On(s)
8	155.9025m_DH5-AFH	400m	2.925m

DH5-AFH

Summary

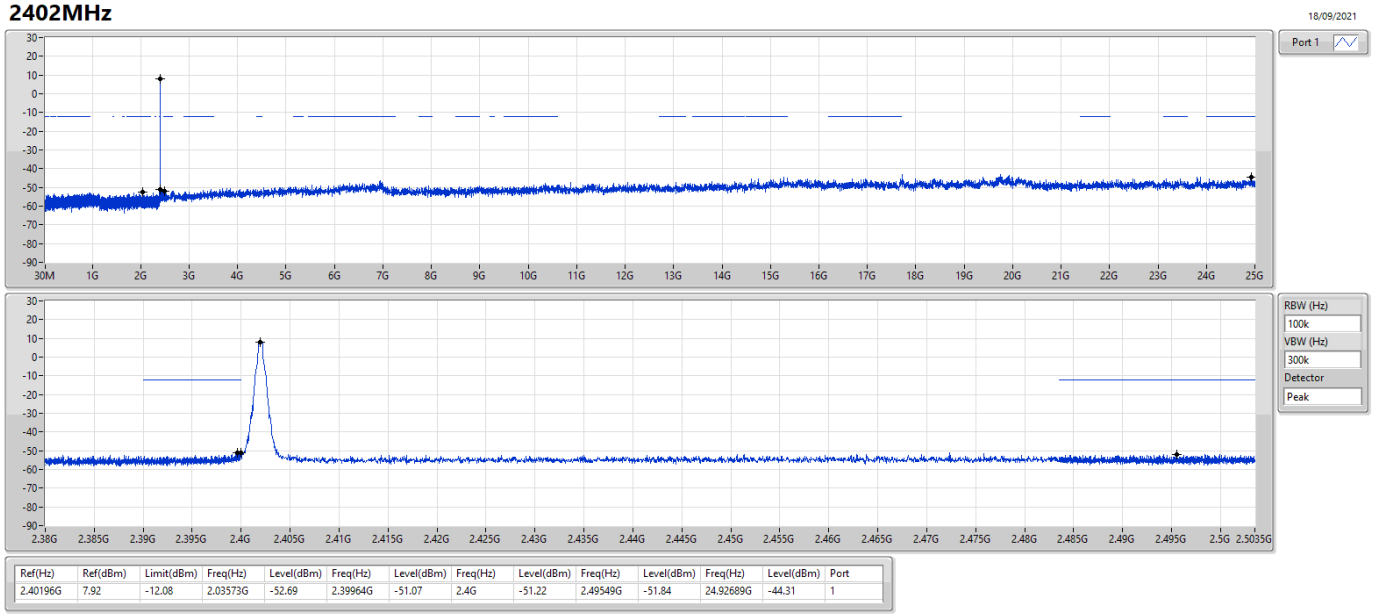
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BT-BR(1Mbps)	Pass	2.4802G	7.60	-12.40	743.81M	-52.56	2.39034G	-52.41	2.4835G	-54.82	2.49026G	-50.64	24.73004G	-45.03	1
BT-EDR(2Mbps)	Pass	2.47999G	1.51	-18.49	948.26M	-52.26	2.39452G	-52.48	2.4835G	-53.98	2.48934G	-51.60	24.4882G	-44.41	1
BT-EDR(3Mbps)	Pass	2.47995G	1.49	-18.51	822.24M	-52.33	2.39328G	-52.31	2.4835G	-53.68	2.4842G	-51.80	17.05311G	-45.10	1

Result

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
BT-BR(1Mbps)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	2.40196G	7.92	-12.08	2.03573G	-52.69	2.39964G	-51.07	2.4G	-51.22	2.49549G	-51.84	24.92689G	-44.31	1
2440MHz	Pass	2.44G	8.17	-11.83	883.64M	-52.54	2.39677G	-51.59	2.4G	-54.95	2.48392G	-51.58	25G	-44.83	1
2480MHz	Pass	2.4802G	7.60	-12.40	743.81M	-52.56	2.39034G	-52.41	2.4835G	-54.82	2.49026G	-50.64	24.73004G	-45.03	1
BT-EDR(2Mbps)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	2.40196G	2.21	-17.79	911.84M	-52.69	2.39948G	-51.84	2.4G	-53.39	2.49521G	-51.45	24.91001G	-44.07	1
2440MHz	Pass	2.44012G	2.19	-17.81	785.53M	-52.05	2.39444G	-52.29	2.4835G	-54.55	2.50092G	-51.42	15.05373G	-45.05	1
2480MHz	Pass	2.47999G	1.51	-18.49	948.26M	-52.26	2.39452G	-52.48	2.4835G	-53.98	2.48934G	-51.60	24.4882G	-44.41	1
BT-EDR(3Mbps)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	2.40213G	3.31	-16.69	2.16321G	-52.80	2.39761G	-52.16	2.4G	-53.99	2.49674G	-51.03	24.82003G	-45.30	1
2440MHz	Pass	2.44016G	3.19	-16.81	824.89M	-52.87	2.39646G	-52.50	2.4835G	-53.31	2.49128G	-51.12	24.96063G	-44.59	1
2480MHz	Pass	2.47995G	1.49	-18.51	822.24M	-52.33	2.39328G	-52.31	2.4835G	-53.68	2.4842G	-51.80	17.05311G	-45.10	1

BT-BR(1Mbps) **CSENdB-FS**

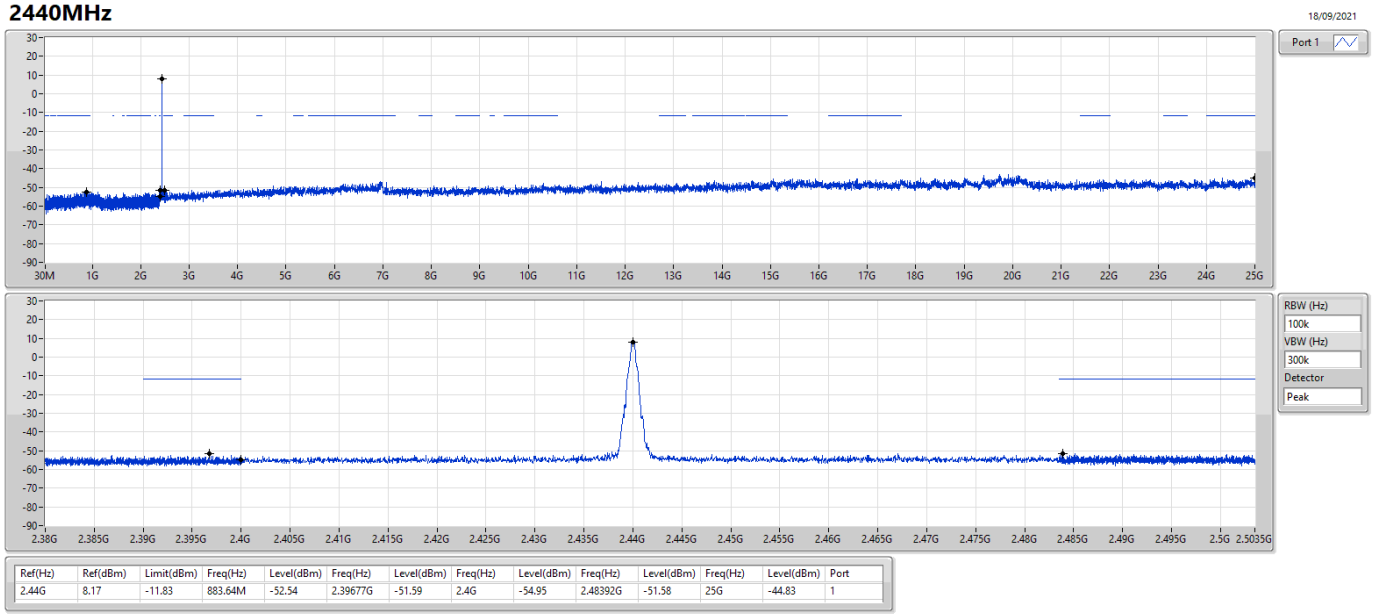
2402MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.40196G	7.92	-12.08	2.03573G	-52.69	2.39964G	-51.07	2.4G	-51.22	2.49549G	-51.84	24.92689G	-44.31	1

BT-BR(1Mbps) **CSENdB-FS**

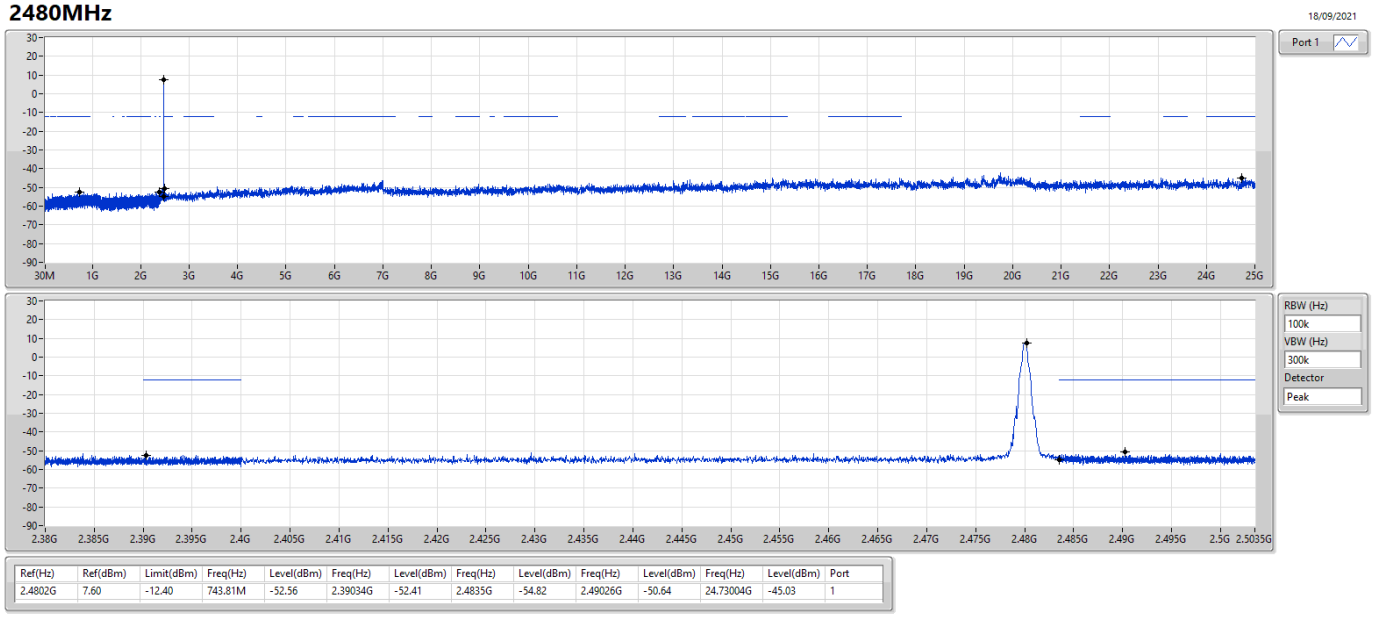
2440MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44G	8.17	-11.83	883.64M	-52.54	2.39677G	-51.59	2.4G	-54.95	2.48392G	-51.58	25G	-44.83	1

BT-BR(1Mbps) **CSENdB-FS**

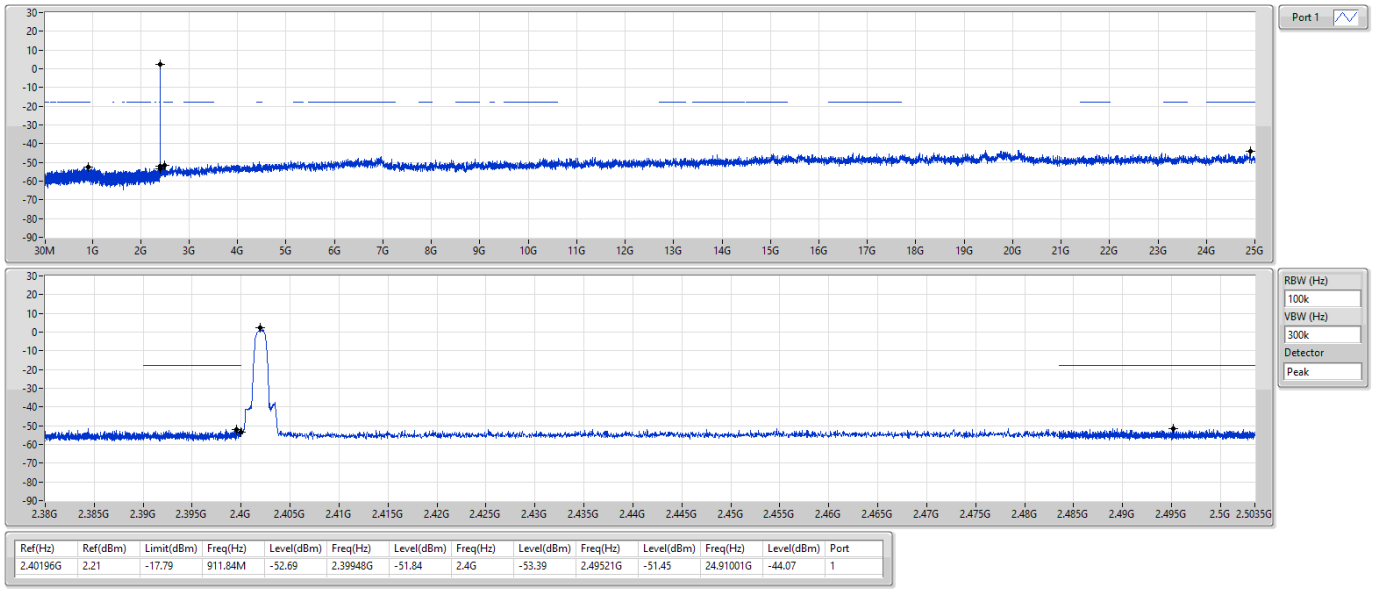
2480MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.4802G	7.60	-12.40	743.81M	-52.56	2.39034G	-52.41	2.4835G	-54.82	2.49026G	-50.64	24.73004G	-45.03	1

BT-EDR(2Mbps) **CSENdB-FS**

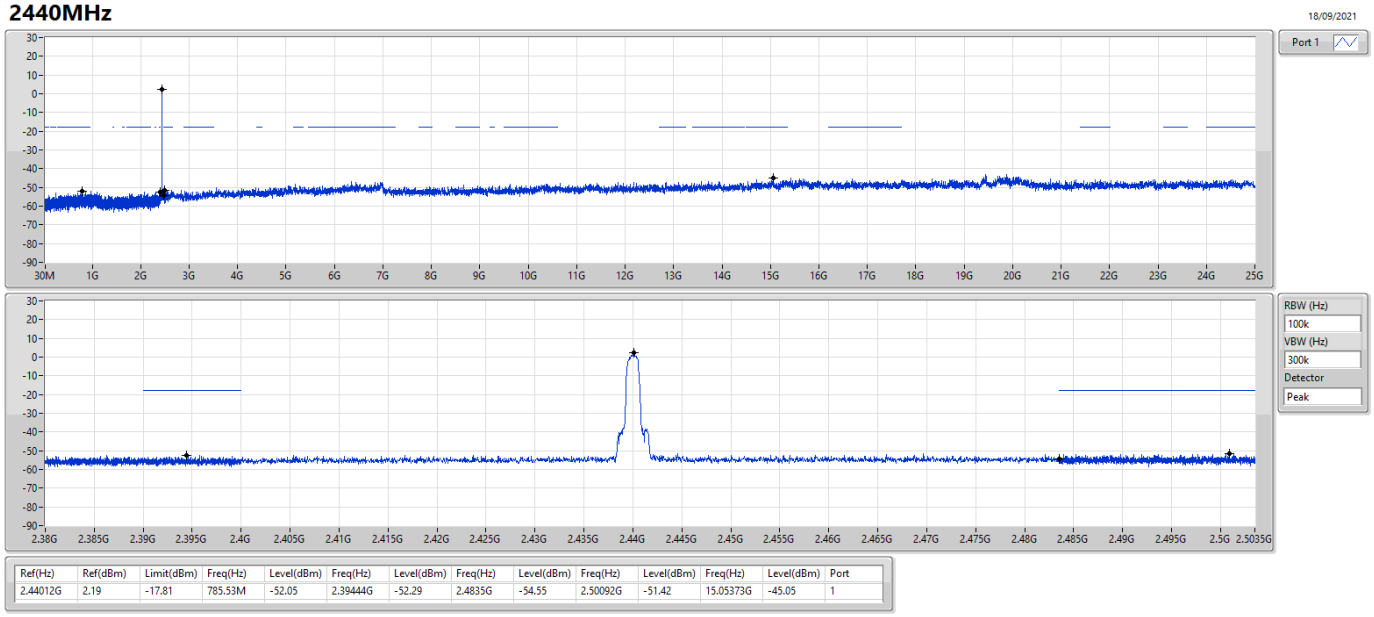
2402MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.40196G	2.21	-17.79	911.84M	-52.69	2.39948G	-51.84	2.4G	-53.39	2.49521G	-51.45	24.91001G	-44.07	1

BT-EDR(2Mbps) **CSENdB-FS**

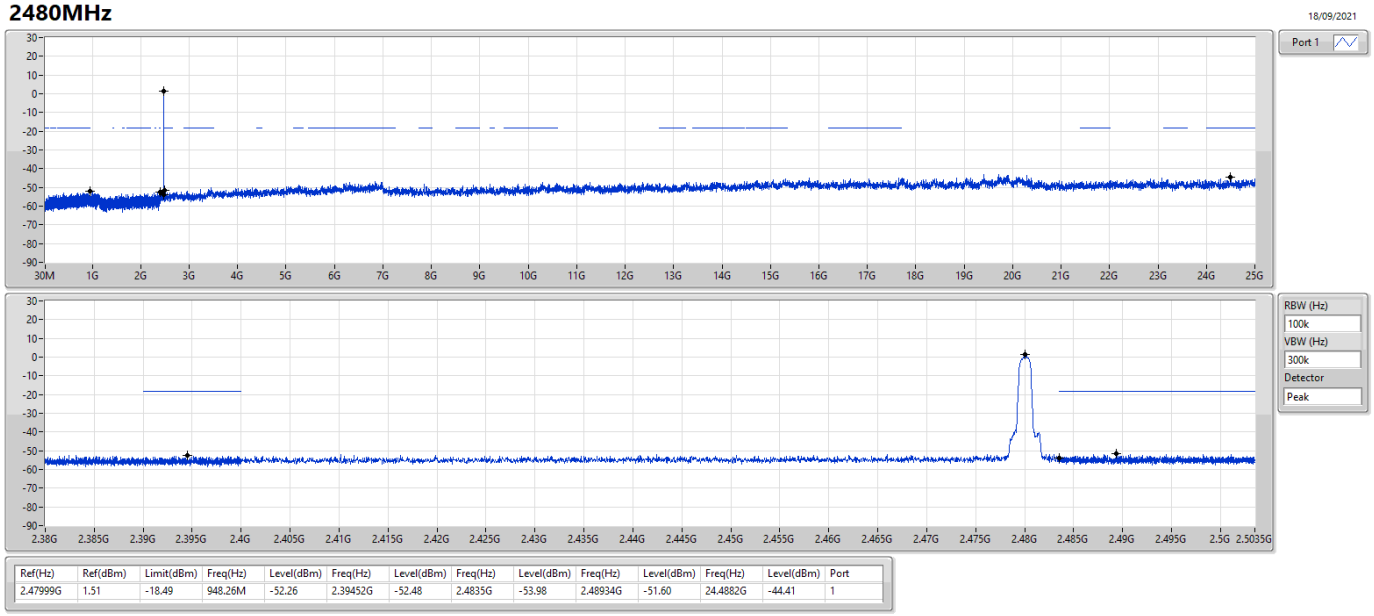
2440MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44012G	2.19	-17.81	785.53M	-52.05	2.39444G	-52.29	2.4835G	-54.55	2.50092G	-51.42	15.05373G	-45.05	1

BT-EDR(2Mbps) **CSENdB-FS**

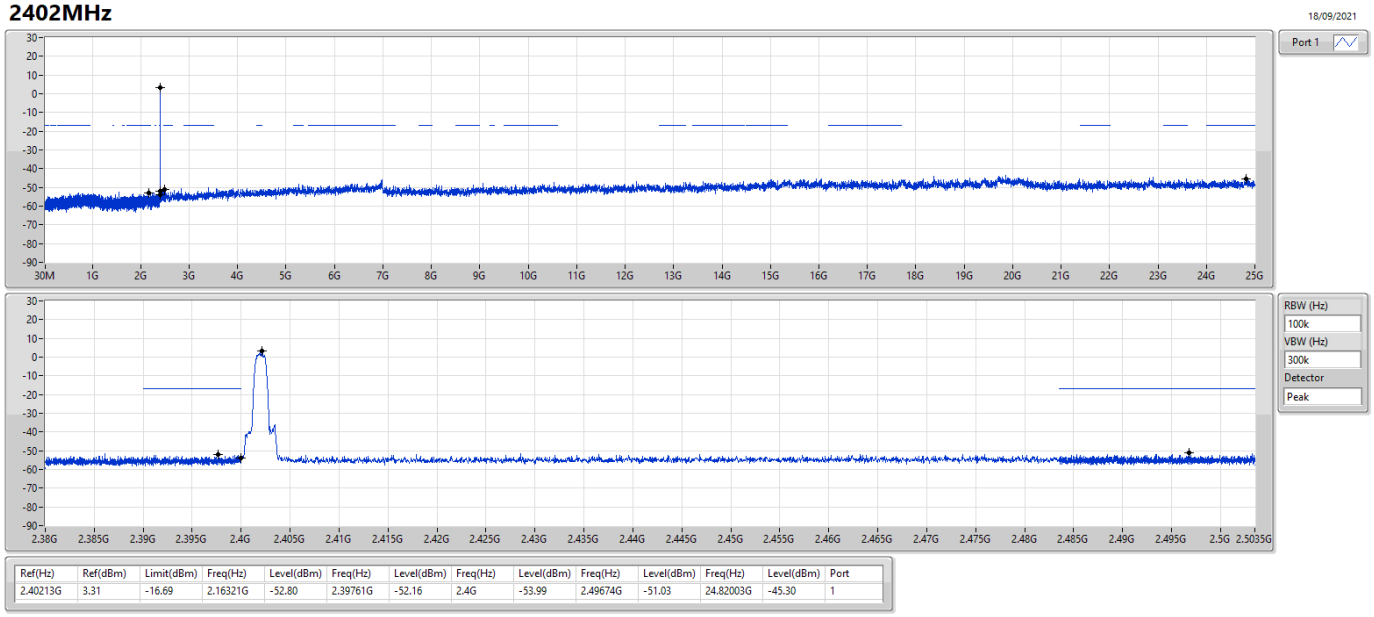
2480MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.47999G	1.51	-18.49	948.26M	-52.26	2.39452G	-52.48	2.4835G	-53.98	2.48934G	-51.60	24.4882G	-44.41	1

BT-EDR(3Mbps) **CSENdB-FS**

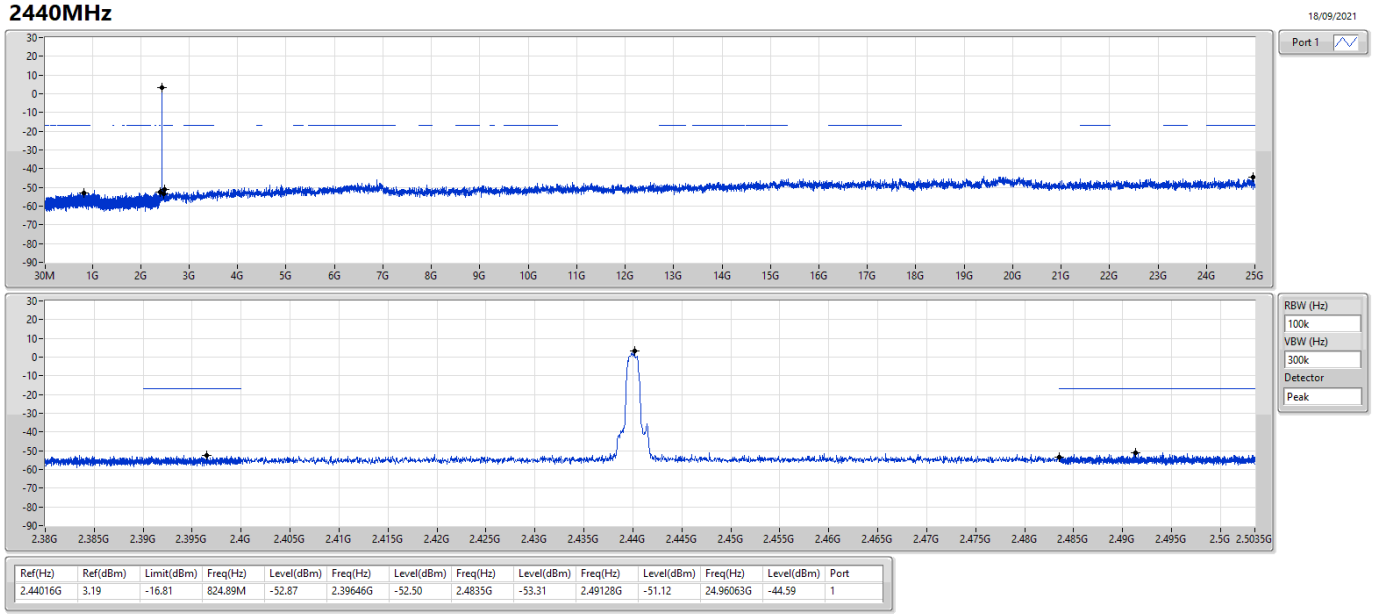
2402MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.40213G	3.31	-16.69	2.16321G	-52.80	2.39761G	-52.16	2.4G	-53.99	2.49674G	-51.03	24.82003G	-45.30	1

BT-EDR(3Mbps) **CSENdB-FS**

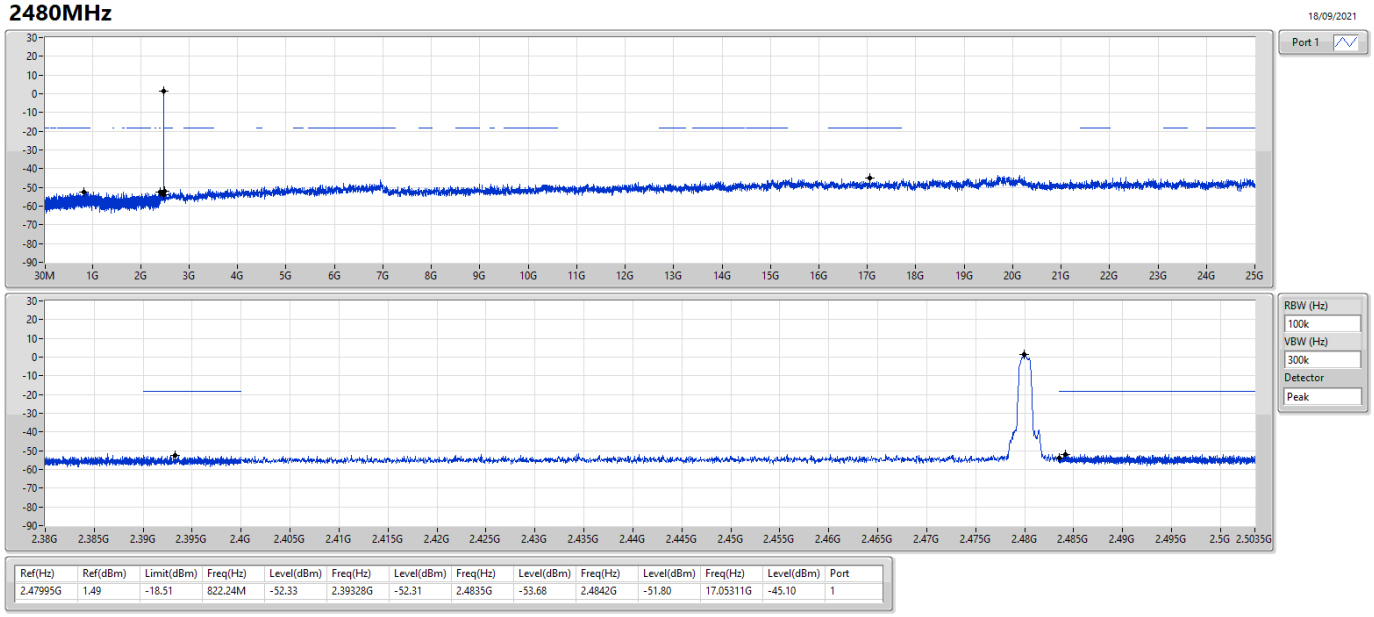
2440MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44016G	3.19	-16.81	824.89M	-52.87	2.39646G	-52.50	2.4835G	-53.31	2.49128G	-51.12	24.96063G	-44.59	1

BT-EDR(3Mbps) **CSENdB-FS**

2480MHz

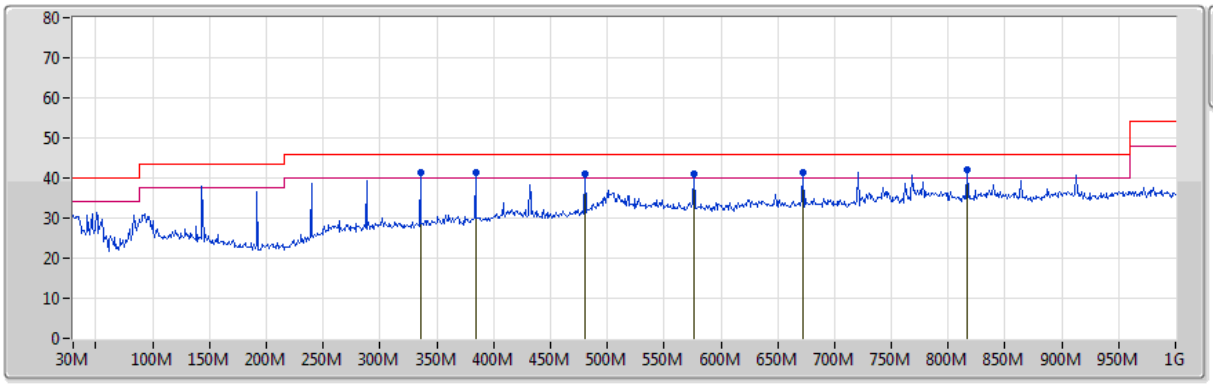


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.47995G	1.49	-18.51	822.24M	-52.33	2.39328G	-52.31	2.4835G	-53.68	2.4842G	-51.80	17.05311G	-45.10	1

Summary

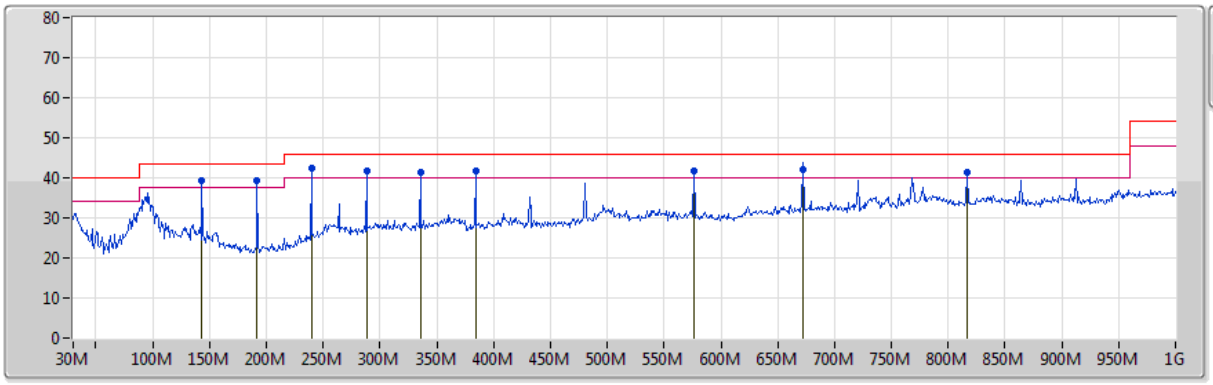
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	PK	240M	42.34	46.00	-3.66	Horizontal

Mode 1



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

Mode 1



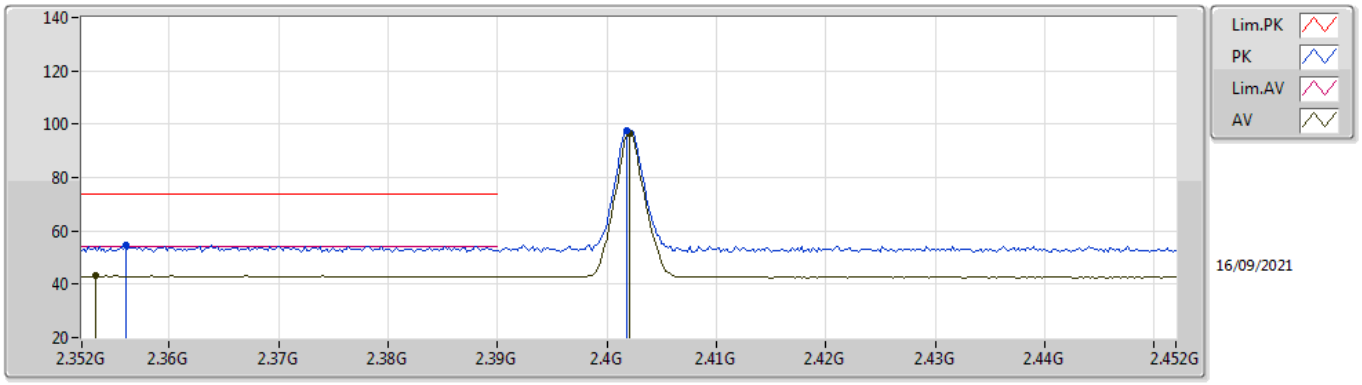
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
PK	143.49M	39.18	43.50	-4.32	-9.83	3	Horizontal	296	2.00	-	49.01	16.70	1.75	28.28
PK	191.99M	39.36	43.50	-4.14	-11.24	3	Horizontal	280	1.50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

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
BT-BR(1Mbps)	Pass	AV	2.4835G	49.59	54.00	-4.41	3	Horizontal	32	1.00	-

BT-BR(1Mbps)

2402MHz_TX

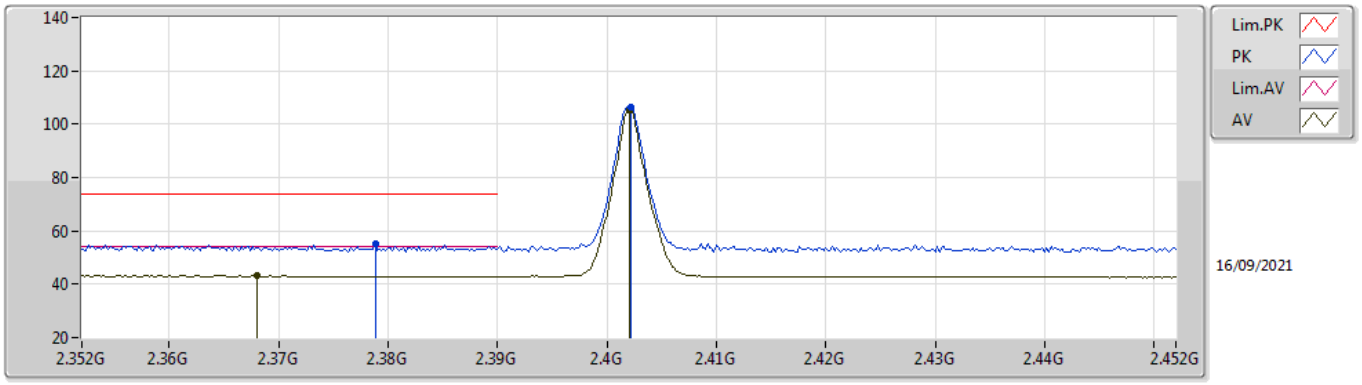


EUT X_1TX
Setting Default
06-F-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.356G	54.63	74.00	-19.37	23.87	3	Vertical	102	1.22	-	27.75	3.01	-
AV	2.3532G	43.18	54.00	-10.82	12.40	3	Vertical	102	1.22	-	27.77	3.01	-
PK	2.4018G	97.60	Inf	-Inf	67.11	3	Vertical	102	1.22	-	27.39	3.10	-
AV	2.402G	96.77	Inf	-Inf	66.28	3	Vertical	102	1.22	-	27.39	3.10	-

BT-BR(1Mbps)

2402MHz_TX

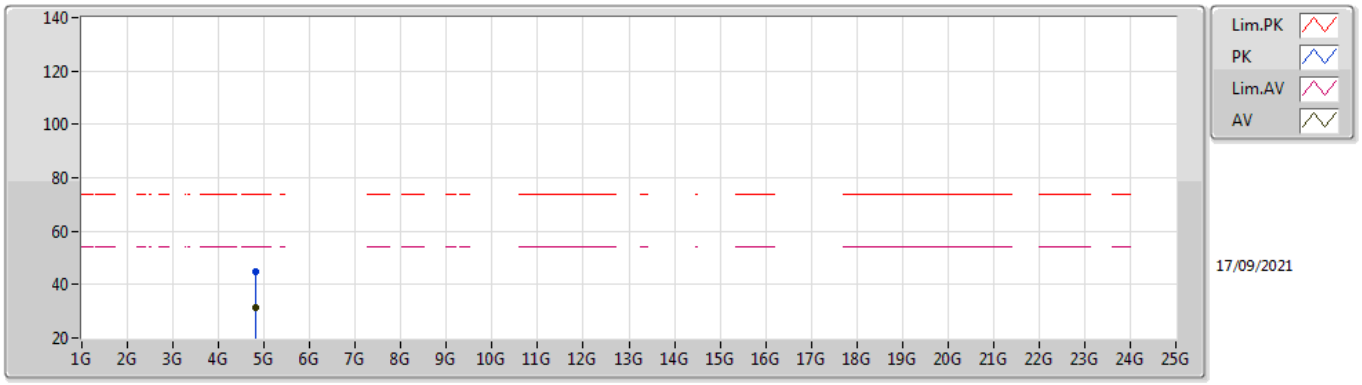


EUT X_1TX
Setting Default
06-F-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3788G	55.02	74.00	-18.98	24.39	3	Horizontal	26	1.16	-	27.57	3.06	-
AV	2.368G	43.23	54.00	-10.77	12.53	3	Horizontal	26	1.16	-	27.66	3.04	-
PK	2.4022G	106.28	Inf	-Inf	75.79	3	Horizontal	26	1.16	-	27.39	3.10	-
AV	2.402G	105.38	Inf	-Inf	74.89	3	Horizontal	26	1.16	-	27.39	3.10	-

BT-BR(1Mbps)

2402MHz_TX

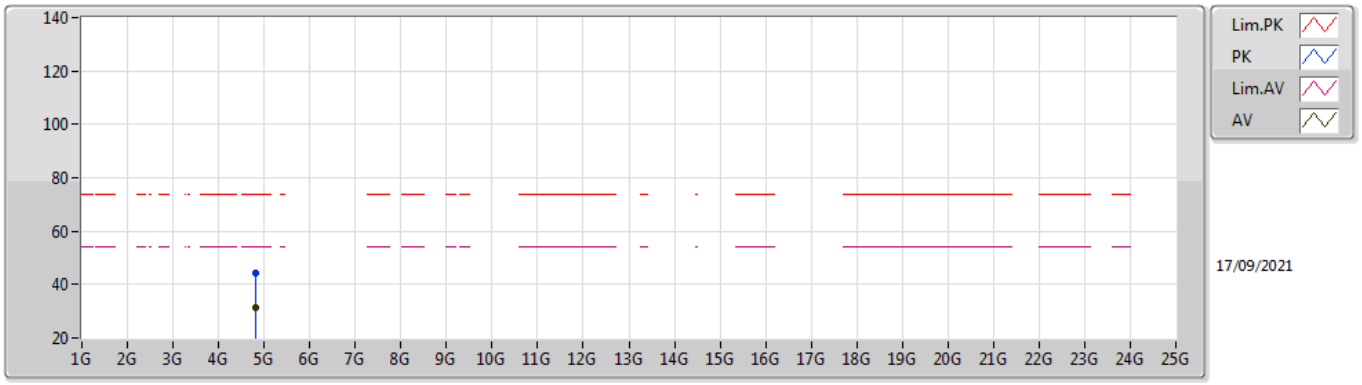


EUT X_1TX
Setting Default
06-F-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.80434G	44.83	74.00	-29.17	40.81	3	Vertical	251	1.36	-	31.09	5.00	32.07
AV	4.80038G	31.46	54.00	-22.54	27.44	3	Vertical	251	1.36	-	31.10	5.00	32.08

BT-BR(1Mbps)

2402MHz_TX

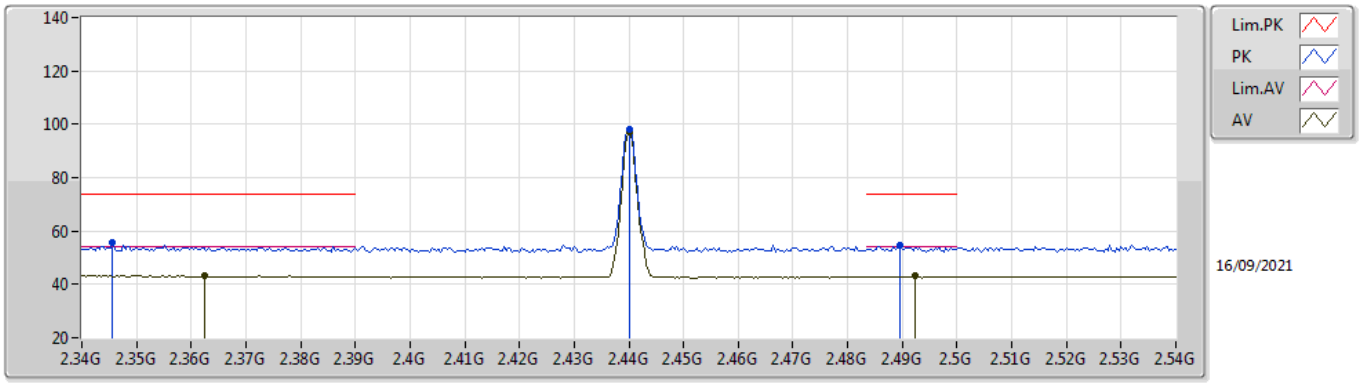


EUT X_1TX
Setting Default
06-F-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.79904G	44.30	74.00	-29.70	40.28	3	Horizontal	36	2.97	-	31.10	5.00	32.08
AV	4.80094G	31.37	54.00	-22.63	27.35	3	Horizontal	36	2.97	-	31.10	5.00	32.08

BT-BR(1Mbps)

2440MHz_TX

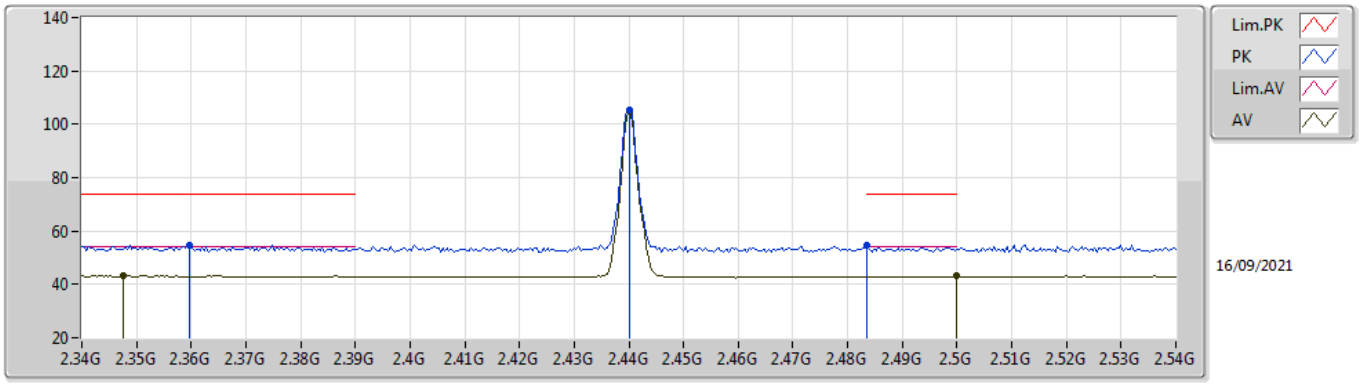


EUT X_1TX
Setting Default
06-F-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3456G	55.87	74.00	-18.13	25.06	3	Vertical	103	1.09	-	27.82	2.99	-
AV	2.3624G	43.31	54.00	-10.69	12.59	3	Vertical	103	1.09	-	27.70	3.02	-
PK	2.44G	98.00	Inf	-Inf	67.62	3	Vertical	103	1.09	-	27.24	3.14	-
AV	2.44G	97.14	Inf	-Inf	66.76	3	Vertical	103	1.09	-	27.24	3.14	-
PK	2.4896G	54.79	74.00	-19.21	24.32	3	Vertical	103	1.09	-	27.28	3.19	-
AV	2.4924G	43.02	54.00	-10.98	12.55	3	Vertical	103	1.09	-	27.28	3.19	-

BT-BR(1Mbps)

2440MHz_TX

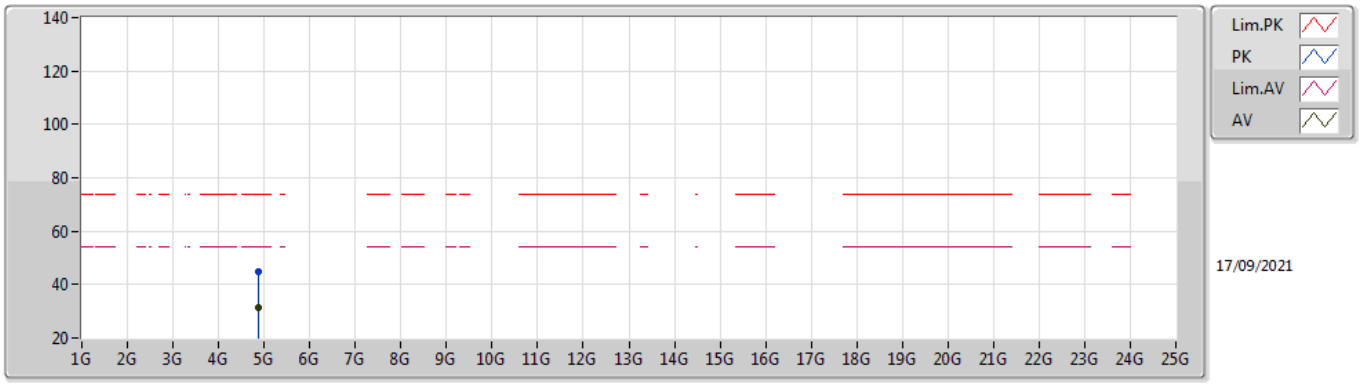


EUT X_1TX
Setting Default
06-F-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3596G	54.86	74.00	-19.14	24.12	3	Horizontal	28	1.16	-	27.72	3.02	-
AV	2.3476G	43.27	54.00	-10.73	12.46	3	Horizontal	28	1.16	-	27.81	3.00	-
PK	2.44G	105.46	Inf	-Inf	75.08	3	Horizontal	28	1.16	-	27.24	3.14	-
AV	2.44G	104.58	Inf	-Inf	74.20	3	Horizontal	28	1.16	-	27.24	3.14	-
PK	2.4835G	54.57	74.00	-19.43	24.12	3	Horizontal	28	1.16	-	27.27	3.18	-
AV	2.5G	43.02	54.00	-10.98	12.52	3	Horizontal	28	1.16	-	27.30	3.20	-

BT-BR(1Mbps)

2440MHz_TX

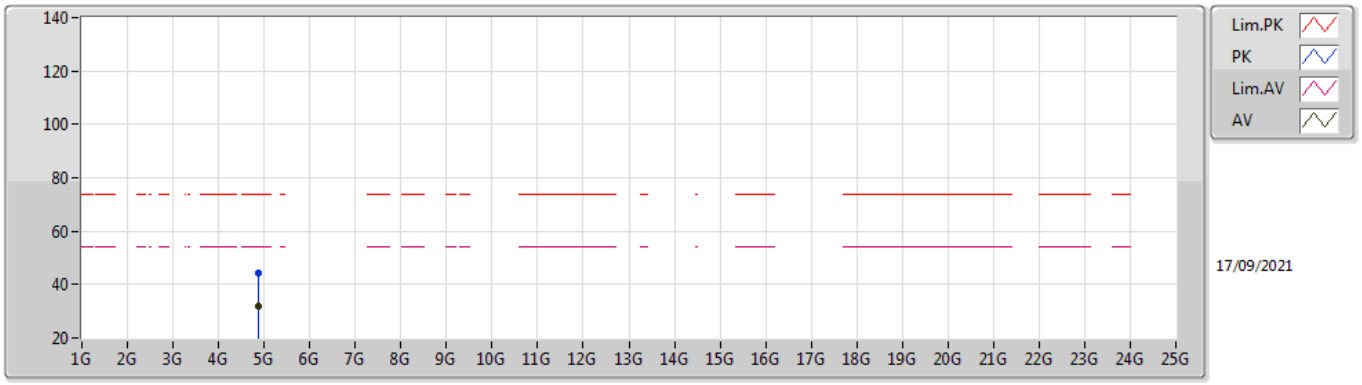


EUT X_1TX
Setting Default
06-F-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.88494G	44.82	74.00	-29.18	40.76	3	Vertical	346	1.36	-	31.07	5.00	32.01
AV	4.87898G	31.61	54.00	-22.39	27.56	3	Vertical	346	1.36	-	31.06	5.00	32.01

BT-BR(1Mbps)

2440MHz_TX

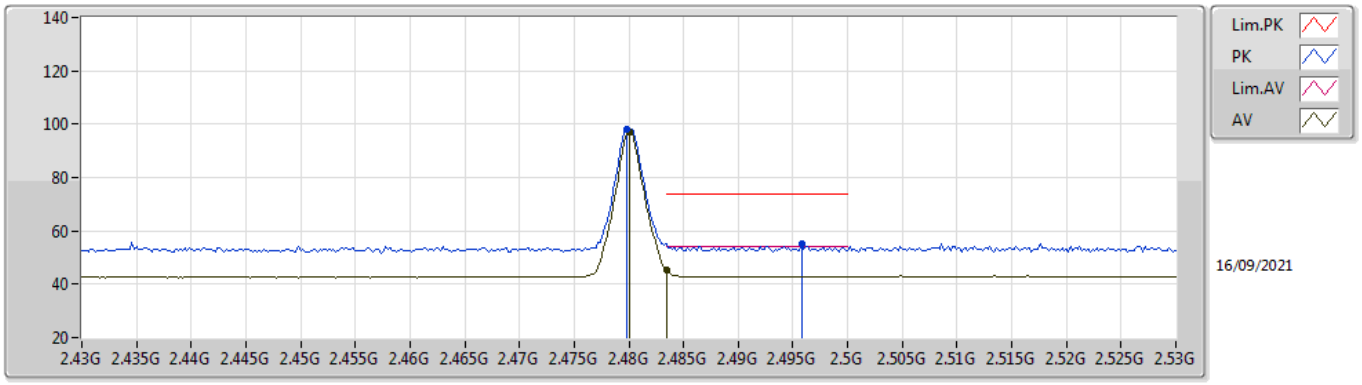


EUT X_1TX
Setting Default
06-F-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.88388G	44.56	74.00	-29.44	40.50	3	Horizontal	140	1.90	-	31.07	5.00	32.01
AV	4.8777G	31.67	54.00	-22.33	27.62	3	Horizontal	140	1.90	-	31.06	5.00	32.01

BT-BR(1Mbps)

2480MHz_TX

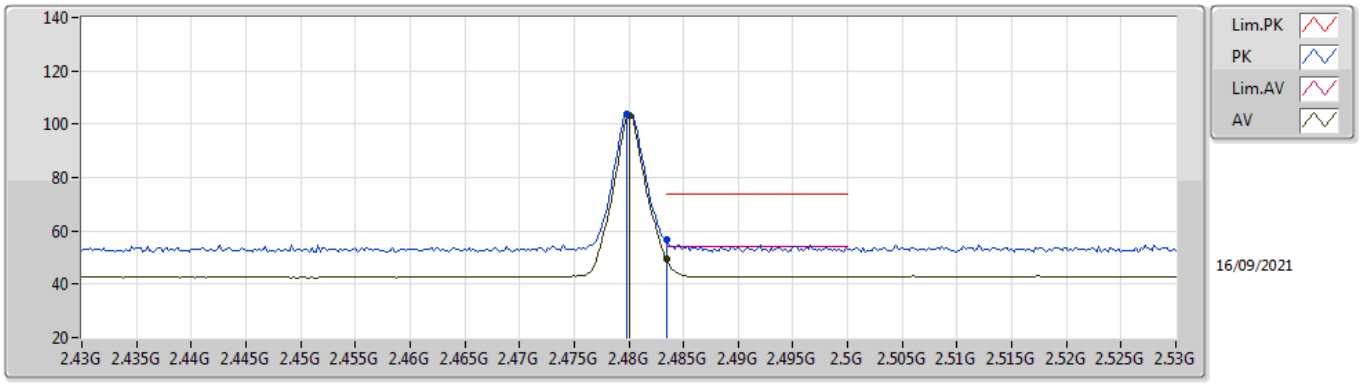


EUT X_1TX
Setting Default
06-F-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.4798G	98.02	Inf	-Inf	67.58	3	Vertical	34	2.30	-	27.26	3.18	-
AV	2.48G	97.11	Inf	-Inf	66.67	3	Vertical	34	2.30	-	27.26	3.18	-
PK	2.4958G	55.37	74.00	-18.63	24.88	3	Vertical	34	2.30	-	27.29	3.20	-
AV	2.4835G	45.32	54.00	-8.68	14.87	3	Vertical	34	2.30	-	27.27	3.18	-

BT-BR(1Mbps)

2480MHz_TX

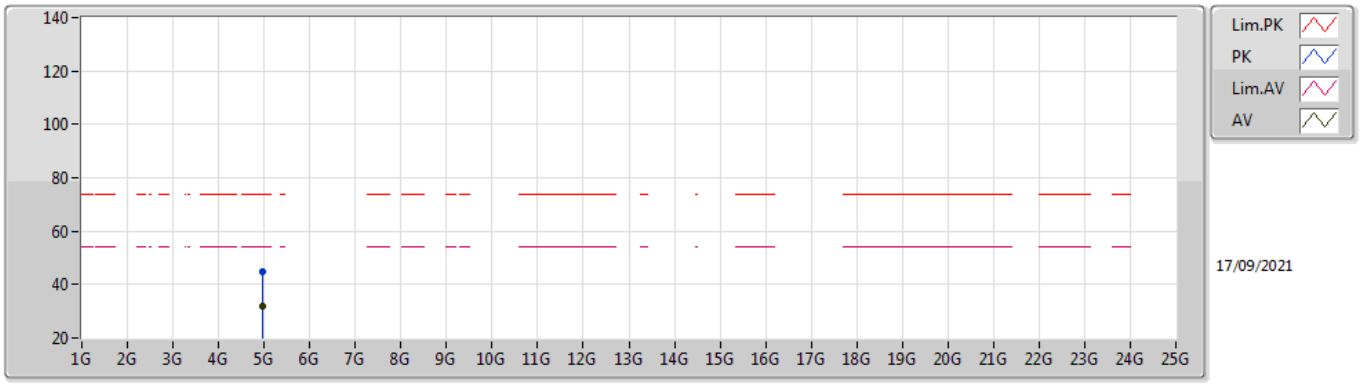


EUT X_1TX
Setting Default
06-F-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.4798G	103.99	Inf	-Inf	73.55	3	Horizontal	32	1.00	-	27.26	3.18	-
AV	2.48G	103.07	Inf	-Inf	72.63	3	Horizontal	32	1.00	-	27.26	3.18	-
PK	2.4835G	56.74	74.00	-17.26	26.29	3	Horizontal	32	1.00	-	27.27	3.18	-
AV	2.4835G	49.59	54.00	-4.41	19.14	3	Horizontal	32	1.00	-	27.27	3.18	-

BT-BR(1Mbps)

2480MHz_TX

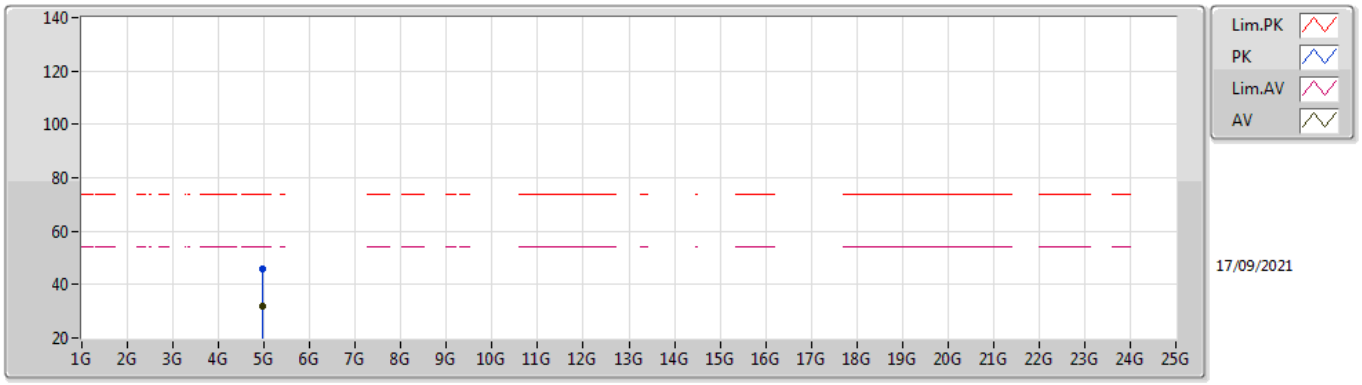


EUT X_1TX
Setting Default
06-F-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.9612G	44.64	74.00	-29.36	40.28	3	Vertical	77	1.10	-	31.30	5.00	31.94
AV	4.95874G	32.08	54.00	-21.92	27.72	3	Vertical	77	1.10	-	31.30	5.00	31.94

BT-BR(1Mbps)

2480MHz_TX

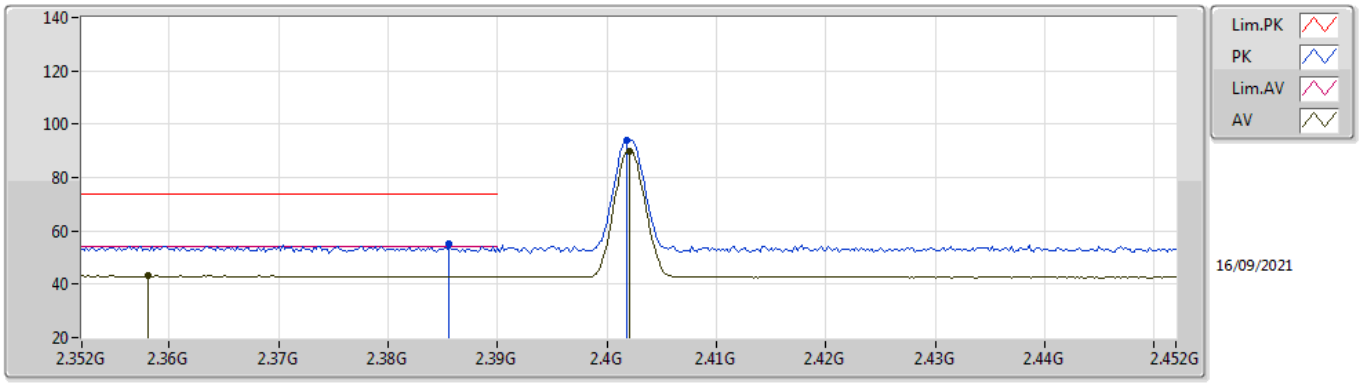


EUT X_1TX
Setting Default
06-F-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.96268G	45.70	74.00	-28.30	41.34	3	Horizontal	100	2.62	-	31.30	5.00	31.94
AV	4.95904G	32.00	54.00	-22.00	27.64	3	Horizontal	100	2.62	-	31.30	5.00	31.94

BT-EDR(3Mbps)

2402MHz_TX

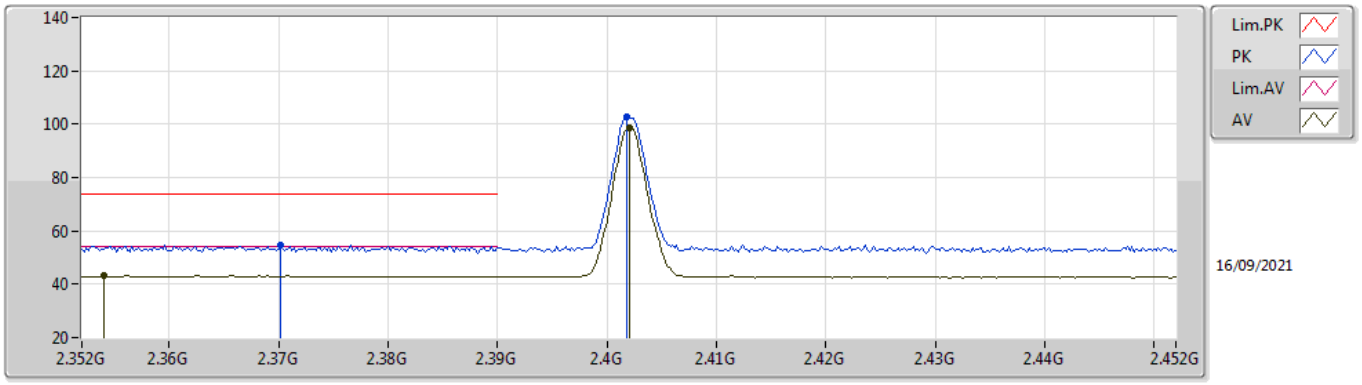


EUT X_1TX
Setting Default
06-F-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3856G	55.36	74.00	-18.64	24.77	3	Vertical	101	1.23	-	27.52	3.07	-
AV	2.358G	43.18	54.00	-10.82	12.42	3	Vertical	101	1.23	-	27.74	3.02	-
PK	2.4018G	93.91	Inf	-Inf	63.42	3	Vertical	101	1.23	-	27.39	3.10	-
AV	2.402G	89.80	Inf	-Inf	59.31	3	Vertical	101	1.23	-	27.39	3.10	-

BT-EDR(3Mbps)

2402MHz_TX

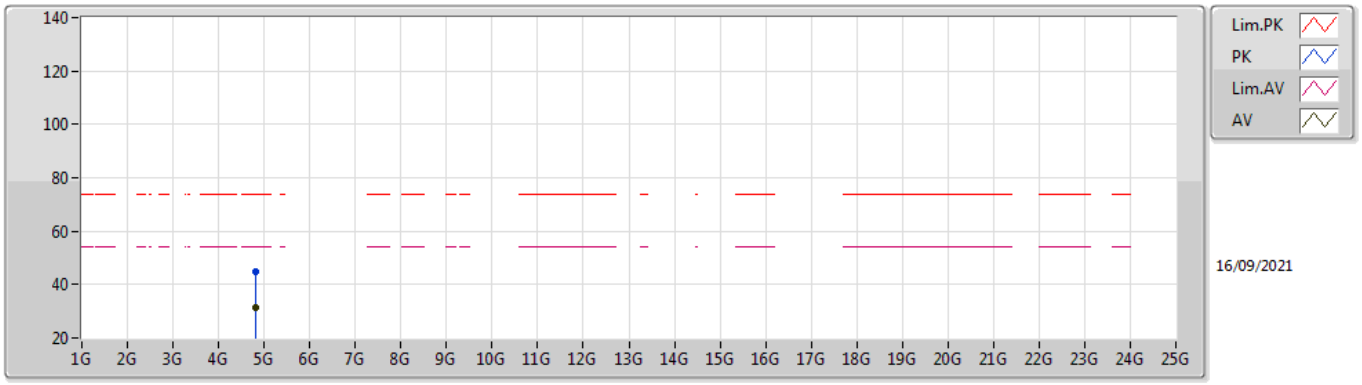


EUT X_1TX
Setting Default
06-F-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3702G	54.63	74.00	-19.37	23.95	3	Horizontal	25	1.18	-	27.64	3.04	-
AV	2.354G	43.12	54.00	-10.88	12.34	3	Horizontal	25	1.18	-	27.77	3.01	-
PK	2.4018G	102.56	Inf	-Inf	72.07	3	Horizontal	25	1.18	-	27.39	3.10	-
AV	2.402G	98.41	Inf	-Inf	67.92	3	Horizontal	25	1.18	-	27.39	3.10	-

BT-EDR(3Mbps)

2402MHz_TX

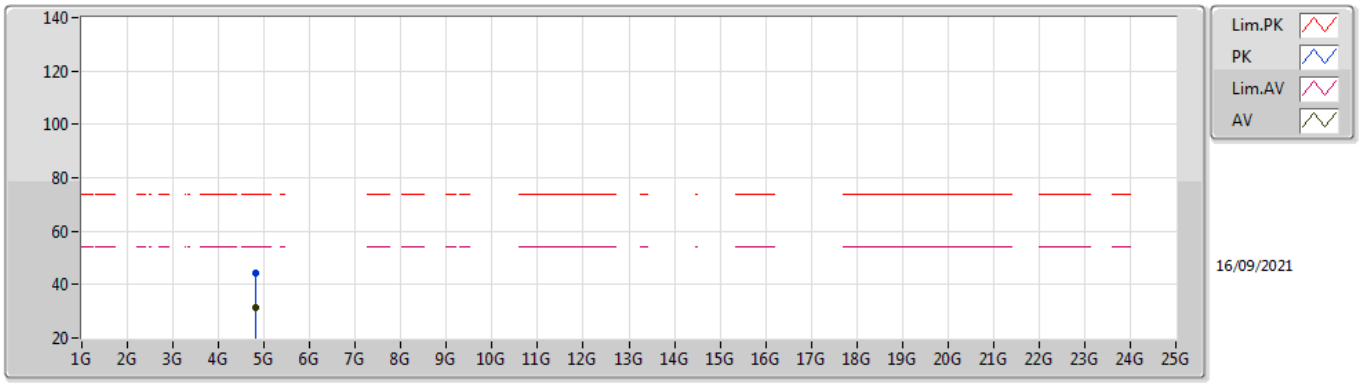


EUT X_1TX
Setting Default
06-F-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.80098G	44.87	74.00	-29.13	40.85	3	Vertical	310	1.29	-	31.10	5.00	32.08
AV	4.80682G	31.43	54.00	-22.57	27.41	3	Vertical	310	1.29	-	31.09	5.00	32.07

BT-EDR(3Mbps)

2402MHz_TX

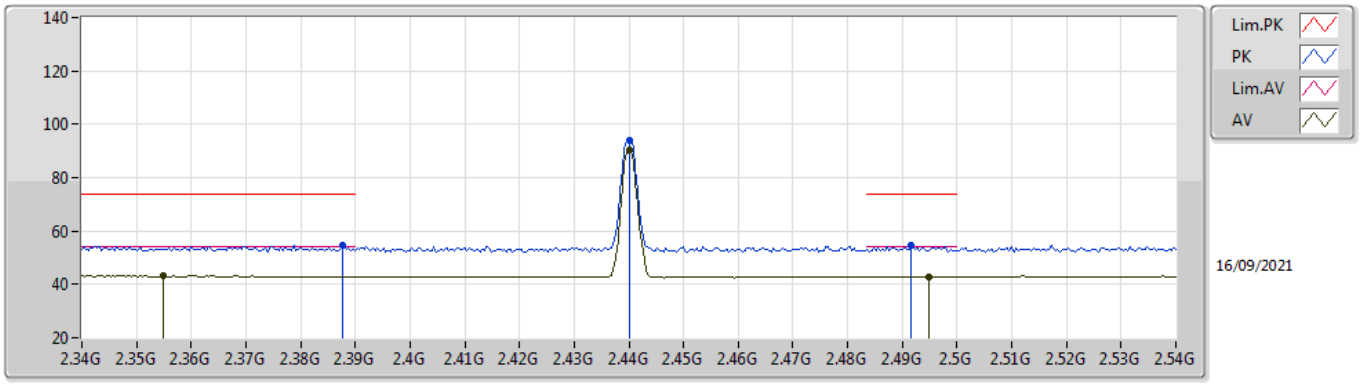


EUT X_1TX
Setting Default
06-F-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.80024G	44.29	74.00	-29.71	40.27	3	Horizontal	349	1.47	-	31.10	5.00	32.08
AV	4.80458G	31.33	54.00	-22.67	27.31	3	Horizontal	349	1.47	-	31.09	5.00	32.07

BT-EDR(3Mbps)

2440MHz_TX

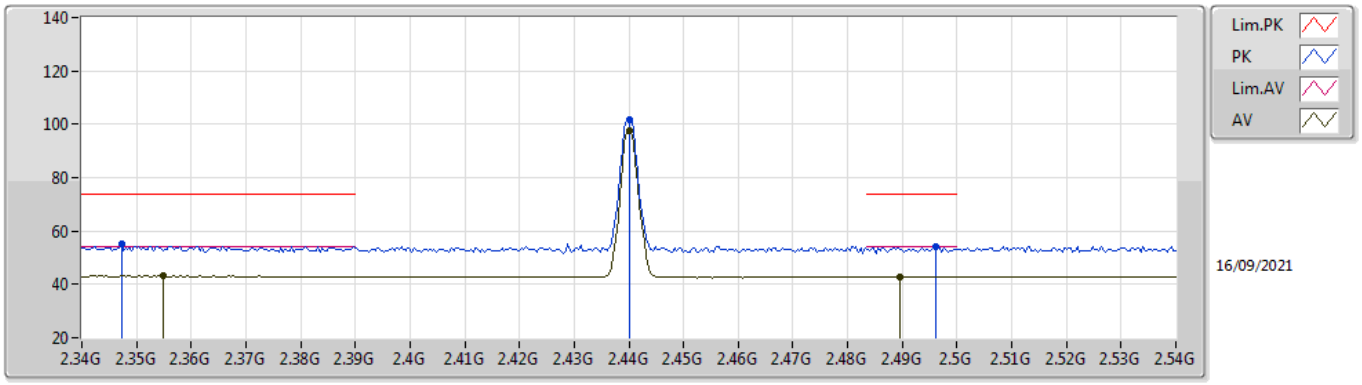


EUT X_1TX
Setting Default
06-F-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3876G	54.74	74.00	-19.26	24.16	3	Vertical	103	1.08	-	27.50	3.08	-
AV	2.3548G	43.31	54.00	-10.69	12.54	3	Vertical	103	1.08	-	27.76	3.01	-
PK	2.44G	94.15	Inf	-Inf	63.77	3	Vertical	103	1.08	-	27.24	3.14	-
AV	2.44G	90.12	Inf	-Inf	59.74	3	Vertical	103	1.08	-	27.24	3.14	-
PK	2.4916G	54.49	74.00	-19.51	24.02	3	Vertical	103	1.08	-	27.28	3.19	-
AV	2.4948G	42.96	54.00	-11.04	12.48	3	Vertical	103	1.08	-	27.29	3.19	-

BT-EDR(3Mbps)

2440MHz_TX

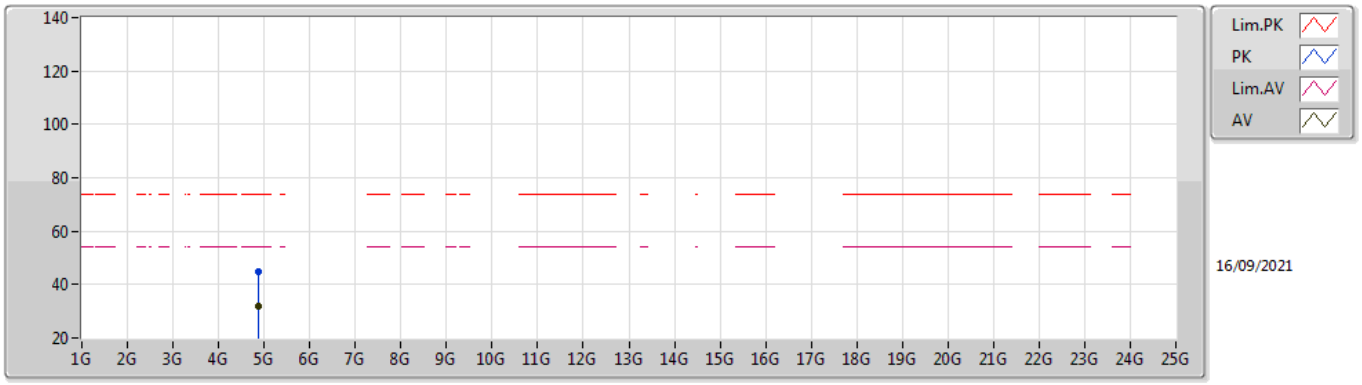


EUT X_1TX
Setting Default
06-F-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3472G	55.37	74.00	-18.63	24.57	3	Horizontal	29	1.13	-	27.81	2.99	-
AV	2.3548G	43.18	54.00	-10.82	12.41	3	Horizontal	29	1.13	-	27.76	3.01	-
PK	2.44G	101.65	Inf	-Inf	71.27	3	Horizontal	29	1.13	-	27.24	3.14	-
AV	2.44G	97.51	Inf	-Inf	67.13	3	Horizontal	29	1.13	-	27.24	3.14	-
PK	2.496G	53.89	74.00	-20.11	23.40	3	Horizontal	29	1.13	-	27.29	3.20	-
AV	2.4896G	42.87	54.00	-11.13	12.40	3	Horizontal	29	1.13	-	27.28	3.19	-

BT-EDR(3Mbps)

2440MHz_TX

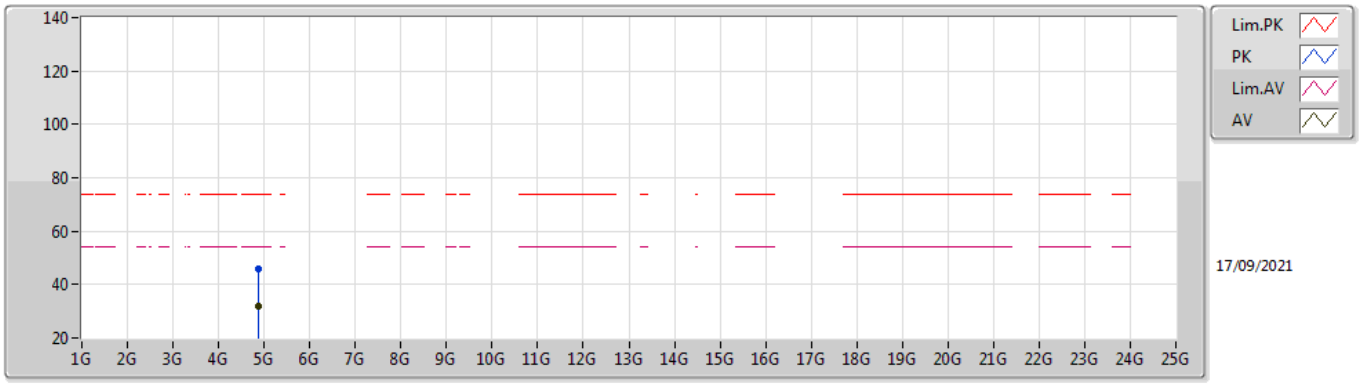


EUT X_1TX
Setting Default
06-F-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.87798G	44.63	74.00	-29.37	40.58	3	Vertical	117	1.25	-	31.06	5.00	32.01
AV	4.88058G	31.69	54.00	-22.31	27.64	3	Vertical	117	1.25	-	31.06	5.00	32.01

BT-EDR(3Mbps)

2440MHz_TX

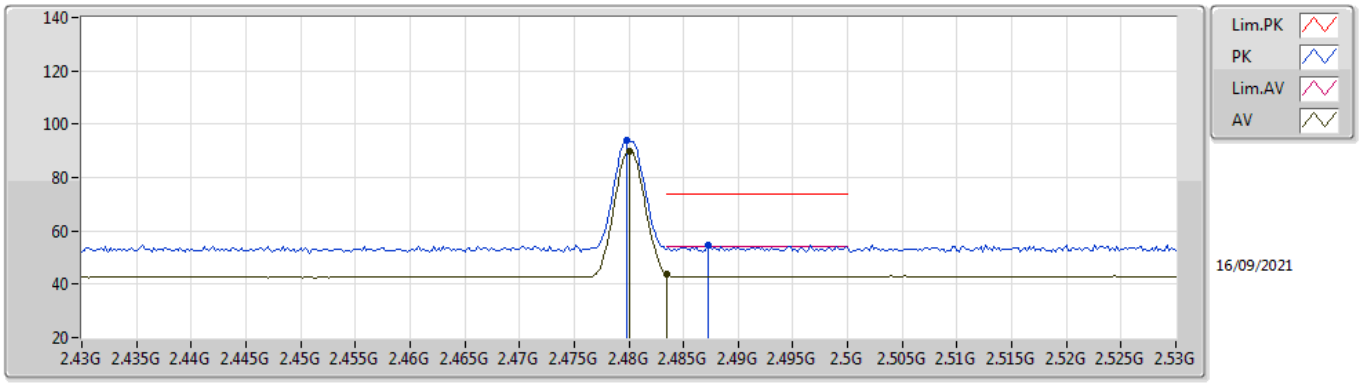


EUT X_1TX
Setting Default
06-F-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.88432G	45.69	74.00	-28.31	41.63	3	Horizontal	45	1.51	-	31.07	5.00	32.01
AV	4.88018G	31.76	54.00	-22.24	27.71	3	Horizontal	45	1.51	-	31.06	5.00	32.01

BT-EDR(3Mbps)

2480MHz_TX

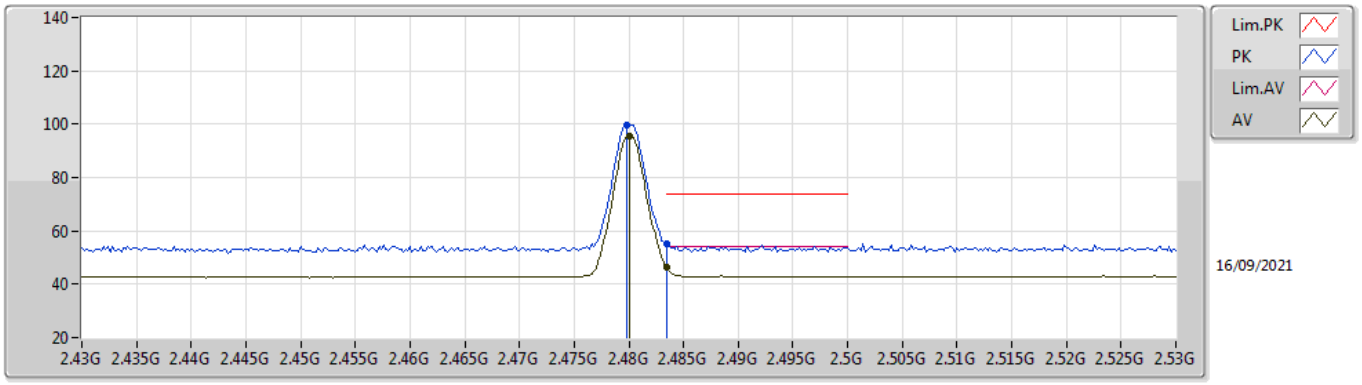


EUT X_1TX
Setting Default
06-F-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.4798G	93.77	Inf	-Inf	63.33	3	Vertical	36	2.32	-	27.26	3.18	-
AV	2.48G	89.60	Inf	-Inf	59.16	3	Vertical	36	2.32	-	27.26	3.18	-
PK	2.4872G	54.90	74.00	-19.10	24.44	3	Vertical	36	2.32	-	27.27	3.19	-
AV	2.4835G	43.66	54.00	-10.34	13.21	3	Vertical	36	2.32	-	27.27	3.18	-

BT-EDR(3Mbps)

2480MHz_TX

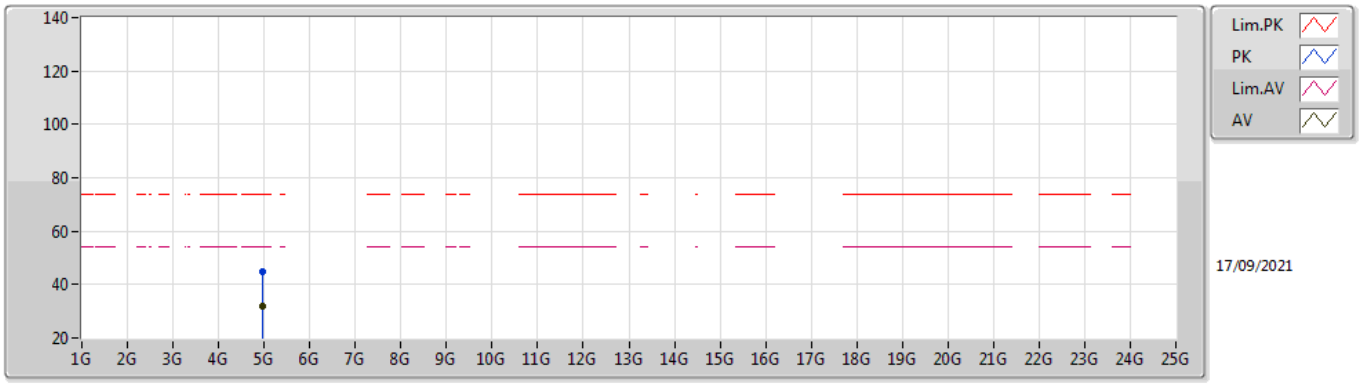


EUT X_1TX
Setting Default
06-F-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.4798G	99.79	Inf	-Inf	69.35	3	Horizontal	31	1.00	-	27.26	3.18	-
AV	2.48G	95.72	Inf	-Inf	65.28	3	Horizontal	31	1.00	-	27.26	3.18	-
PK	2.4835G	55.02	74.00	-18.98	24.57	3	Horizontal	31	1.00	-	27.27	3.18	-
AV	2.4835G	46.39	54.00	-7.61	15.94	3	Horizontal	31	1.00	-	27.27	3.18	-

BT-EDR(3Mbps)

2480MHz_TX

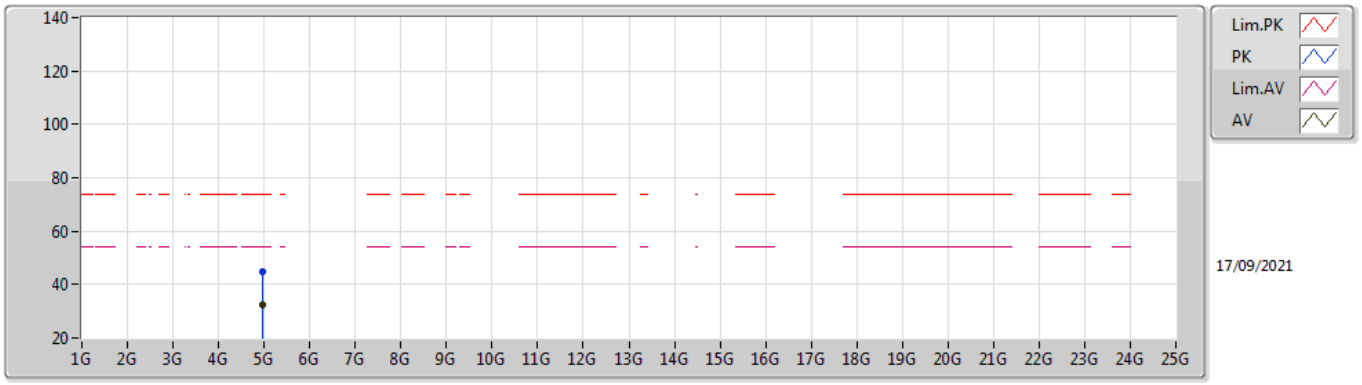


EUT X_1TX
Setting Default
06-F-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.96046G	45.01	74.00	-28.99	40.65	3	Vertical	194	2.93	-	31.30	5.00	31.94
AV	4.96404G	32.03	54.00	-21.97	27.67	3	Vertical	194	2.93	-	31.30	5.00	31.94

BT-EDR(3Mbps)

2480MHz_TX



EUT X_1TX
Setting Default
06-F-R-5

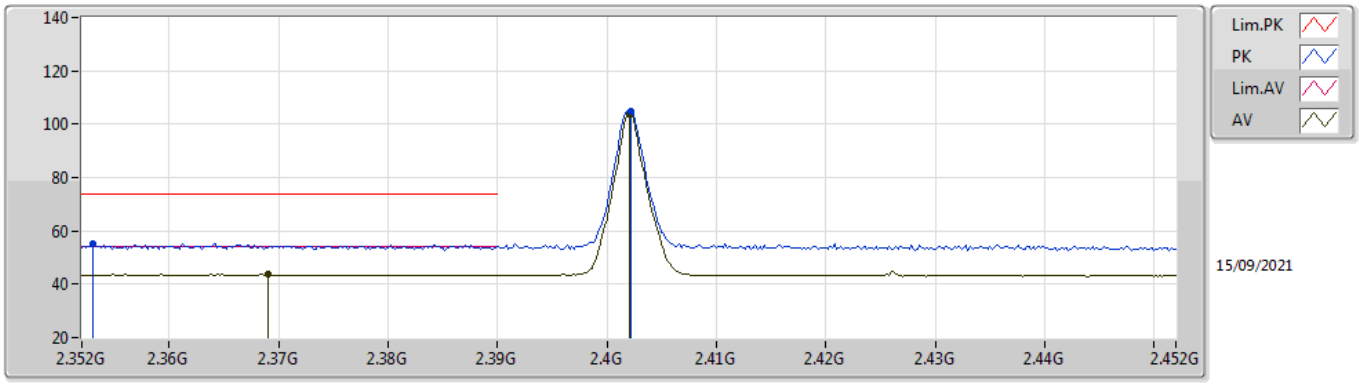
Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.95604G	44.81	74.00	-29.19	40.46	3	Horizontal	332	1.45	-	31.30	5.00	31.95
AV	4.96358G	32.23	54.00	-21.77	27.87	3	Horizontal	332	1.45	-	31.30	5.00	31.94

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
BT-BR(1Mbps)	Pass	AV	2.4835G	49.09	54.00	-4.91	3	Vertical	232	2.44	-

BT-BR(1Mbps)

2402MHz_TX

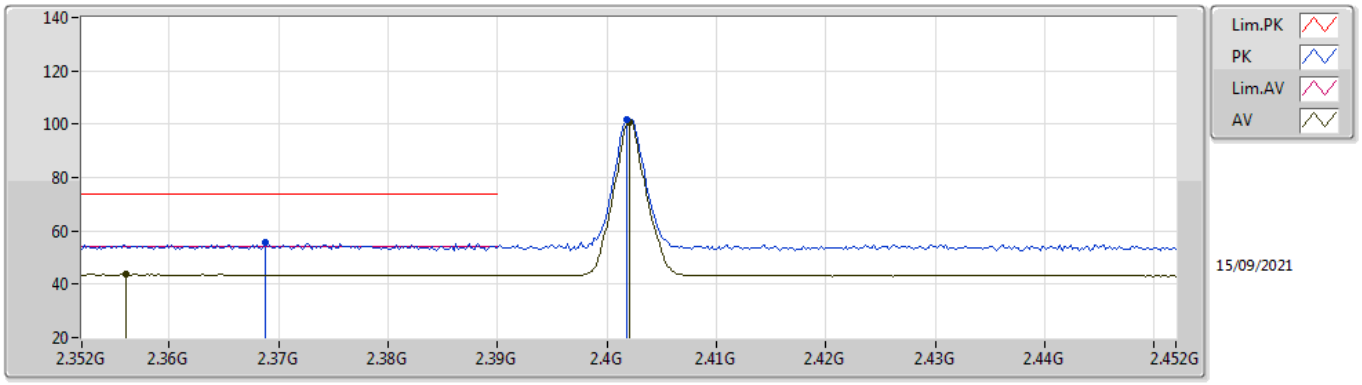


EUT Y_1TX
Setting Default
06-F-E-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.353G	55.33	74.00	-18.67	24.54	3	Vertical	120	2.63	-	27.78	3.01	-
AV	2.369G	43.61	54.00	-10.39	12.92	3	Vertical	120	2.63	-	27.65	3.04	-
PK	2.4022G	104.65	Inf	-Inf	74.16	3	Vertical	120	2.63	-	27.39	3.10	-
AV	2.402G	103.74	Inf	-Inf	73.25	3	Vertical	120	2.63	-	27.39	3.10	-

BT-BR(1Mbps)

2402MHz_TX

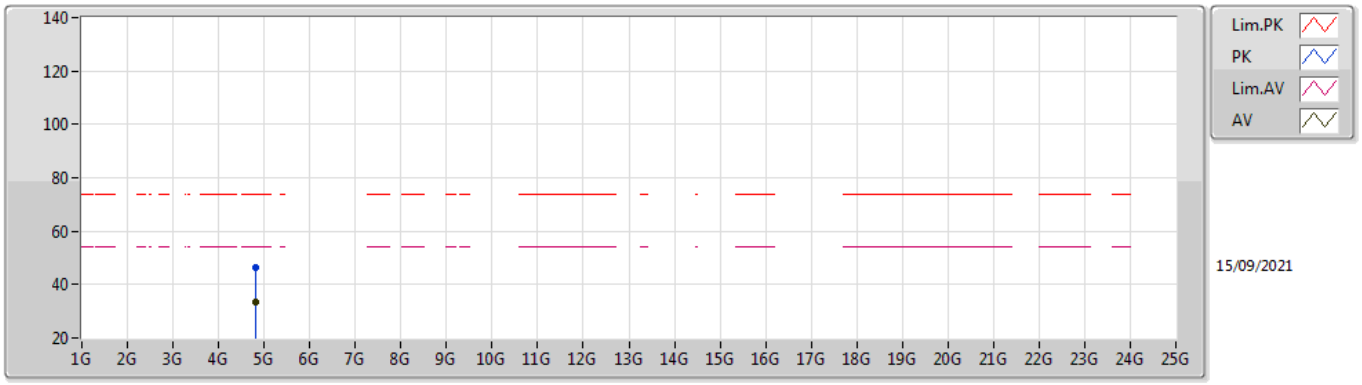


EUT Y_1TX
Setting Default
06-F-E-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3688G	55.91	74.00	-18.09	25.22	3	Horizontal	13	2.25	-	27.65	3.04	-
AV	2.356G	43.64	54.00	-10.36	12.88	3	Horizontal	13	2.25	-	27.75	3.01	-
PK	2.4018G	101.84	Inf	-Inf	71.35	3	Horizontal	13	2.25	-	27.39	3.10	-
AV	2.402G	100.93	Inf	-Inf	70.44	3	Horizontal	13	2.25	-	27.39	3.10	-

BT-BR(1Mbps)

2402MHz_TX

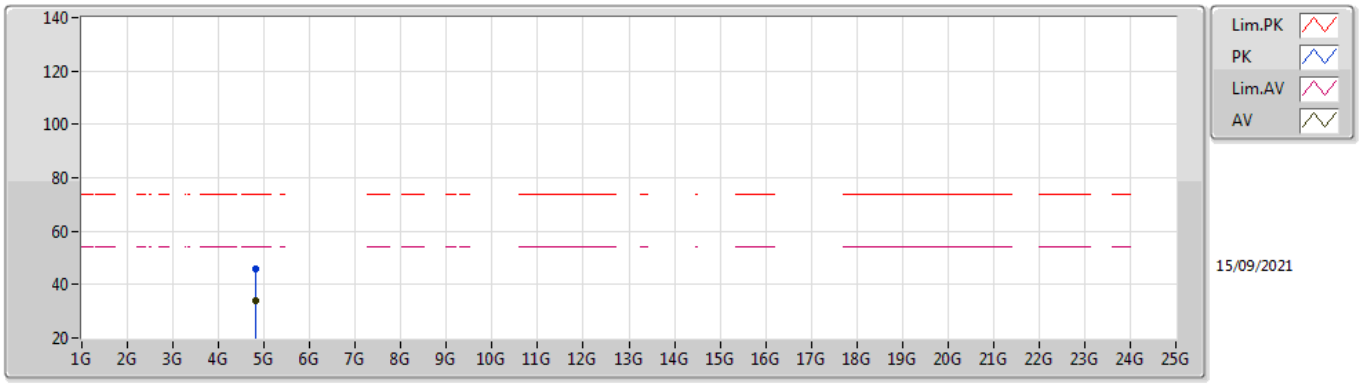


EUT Y_1TX
Setting Default
06-F-E-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.80388G	46.18	74.00	-27.82	42.16	3	Vertical	28	2.67	-	31.09	5.00	32.07
AV	4.80408G	33.30	54.00	-20.70	29.28	3	Vertical	28	2.67	-	31.09	5.00	32.07

BT-BR(1Mbps)

2402MHz_TX

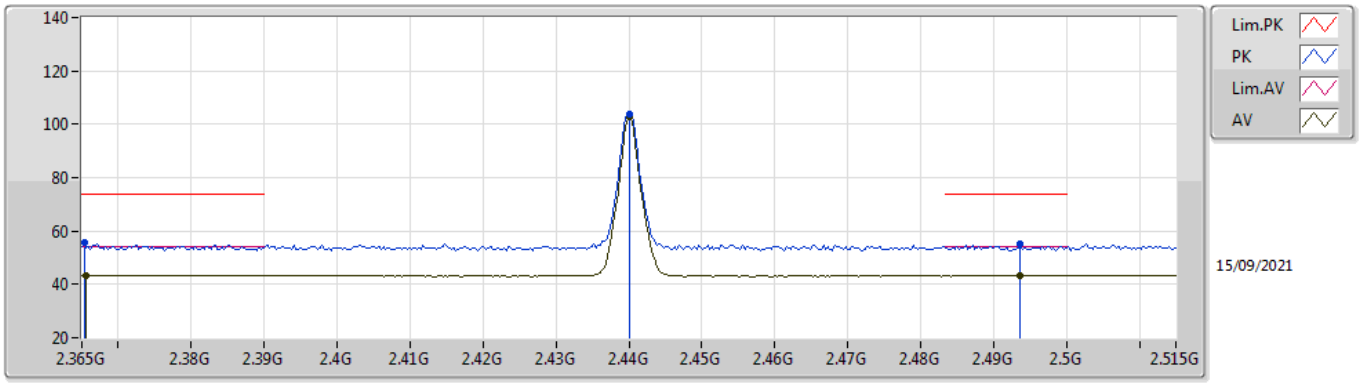


EUT Y_1TX
Setting Default
06-F-E-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.80396G	45.91	74.00	-28.09	41.89	3	Horizontal	29	2.19	-	31.09	5.00	32.07
AV	4.80414G	33.83	54.00	-20.17	29.81	3	Horizontal	29	2.19	-	31.09	5.00	32.07

BT-BR(1Mbps)

2440MHz_TX

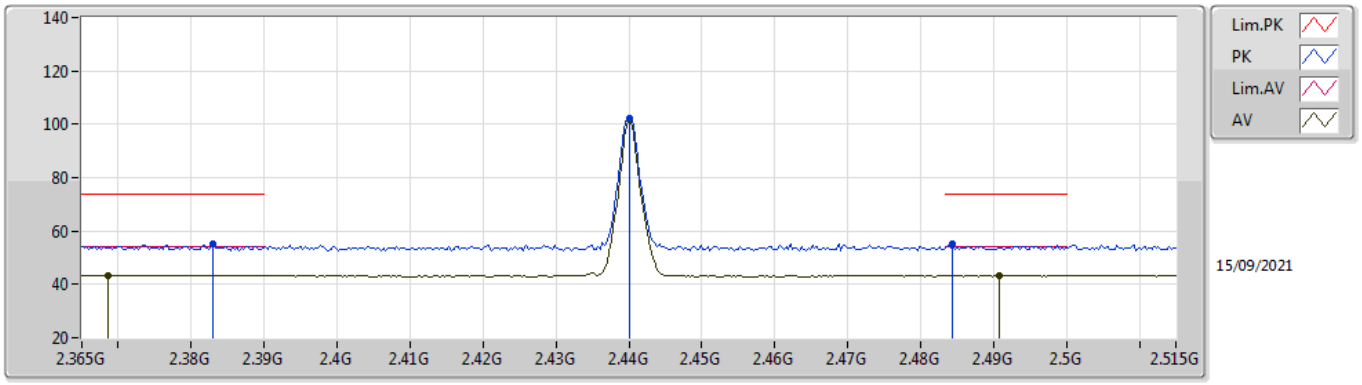


EUT Y_1TX
Setting Default
06-F-E-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3653G	55.53	74.00	-18.47	24.82	3	Vertical	240	2.49	-	27.68	3.03	-
AV	2.3656G	43.45	54.00	-10.55	12.74	3	Vertical	240	2.49	-	27.68	3.03	-
PK	2.44G	103.68	Inf	-Inf	73.30	3	Vertical	240	2.49	-	27.24	3.14	-
AV	2.44G	102.81	Inf	-Inf	72.43	3	Vertical	240	2.49	-	27.24	3.14	-
PK	2.4937G	55.08	74.00	-18.92	24.60	3	Vertical	240	2.49	-	27.29	3.19	-
AV	2.4937G	43.27	54.00	-10.73	12.79	3	Vertical	240	2.49	-	27.29	3.19	-

BT-BR(1Mbps)

2440MHz_TX

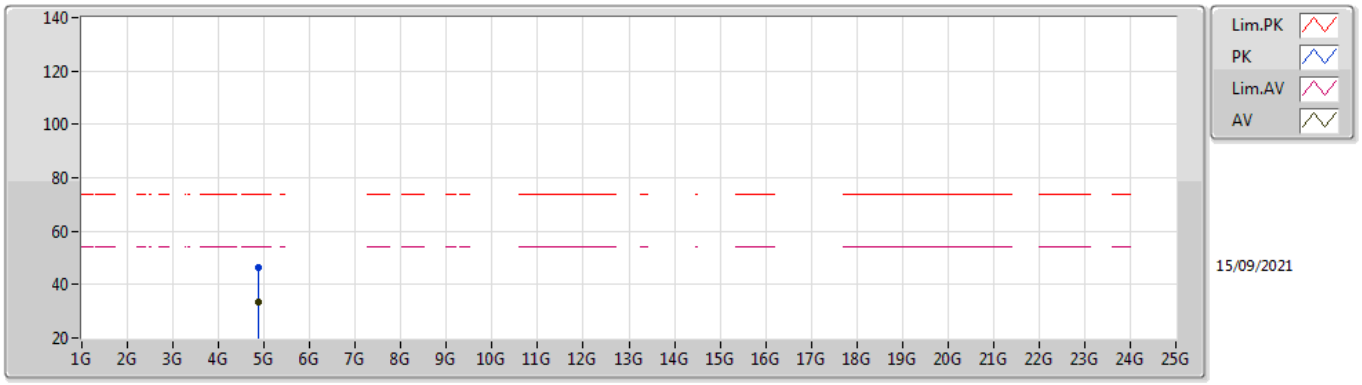


EUT Y_1TX
Setting Default
06-F-E-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.383G	55.38	74.00	-18.62	24.77	3	Horizontal	1	1.92	-	27.54	3.07	-
AV	2.3686G	43.49	54.00	-10.51	12.80	3	Horizontal	1	1.92	-	27.65	3.04	-
PK	2.44G	102.35	Inf	-Inf	71.97	3	Horizontal	1	1.92	-	27.24	3.14	-
AV	2.44G	101.50	Inf	-Inf	71.12	3	Horizontal	1	1.92	-	27.24	3.14	-
PK	2.4844G	54.98	74.00	-19.02	24.53	3	Horizontal	1	1.92	-	27.27	3.18	-
AV	2.4907G	43.28	54.00	-10.72	12.81	3	Horizontal	1	1.92	-	27.28	3.19	-

BT-BR(1Mbps)

2440MHz_TX

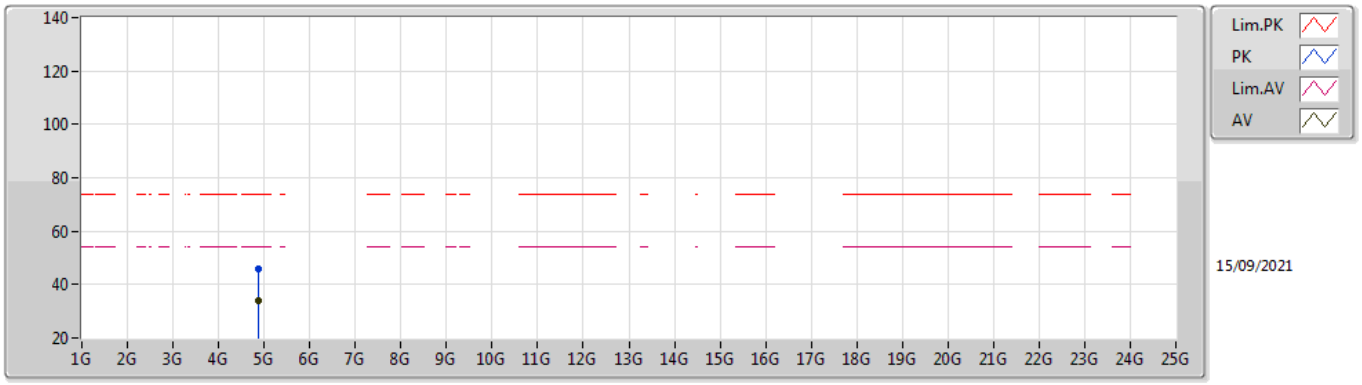


EUT Y_1TX
Setting Default
06-F-E-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.88032G	46.35	74.00	-27.65	42.30	3	Vertical	349	1.86	-	31.06	5.00	32.01
AV	4.88004G	33.27	54.00	-20.73	29.22	3	Vertical	349	1.86	-	31.06	5.00	32.01

BT-BR(1Mbps)

2440MHz_TX

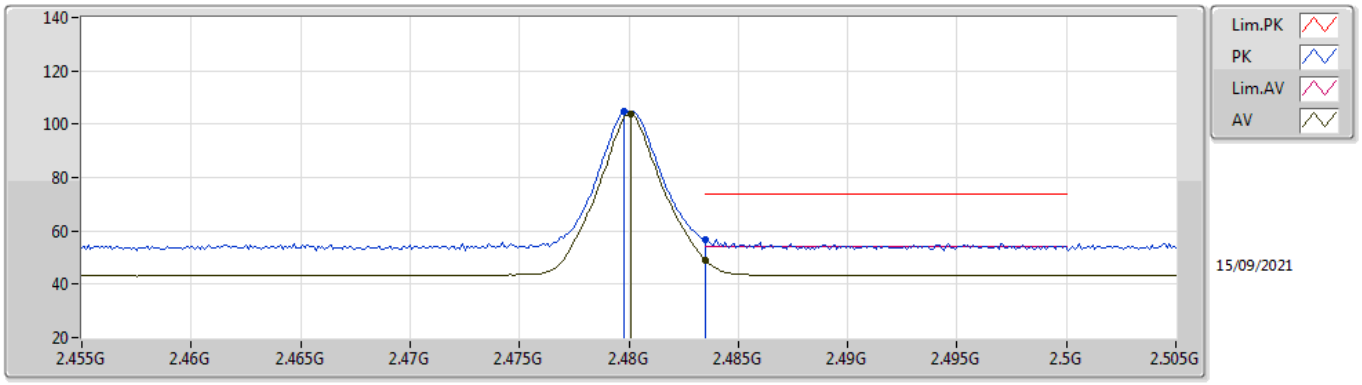


EUT Y_1TX
Setting Default
06-F-E-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.87996G	45.70	74.00	-28.30	41.65	3	Horizontal	329	2.20	-	31.06	5.00	32.01
AV	4.88016G	33.87	54.00	-20.13	29.82	3	Horizontal	329	2.20	-	31.06	5.00	32.01

BT-BR(1Mbps)

2480MHz_TX

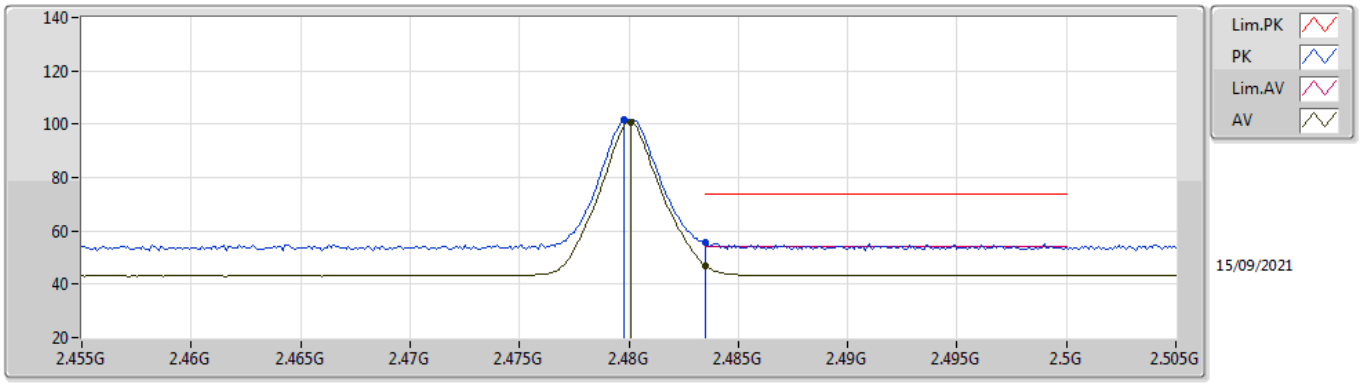


EUT Y_1TX
Setting Default
06-F-E-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.4798G	104.59	Inf	-Inf	74.15	3	Vertical	232	2.44	-	27.26	3.18	-
AV	2.4801G	103.70	Inf	-Inf	73.26	3	Vertical	232	2.44	-	27.26	3.18	-
PK	2.4835G	56.58	74.00	-17.42	26.13	3	Vertical	232	2.44	-	27.27	3.18	-
AV	2.4835G	49.09	54.00	-4.91	18.64	3	Vertical	232	2.44	-	27.27	3.18	-

BT-BR(1Mbps)

2480MHz_TX

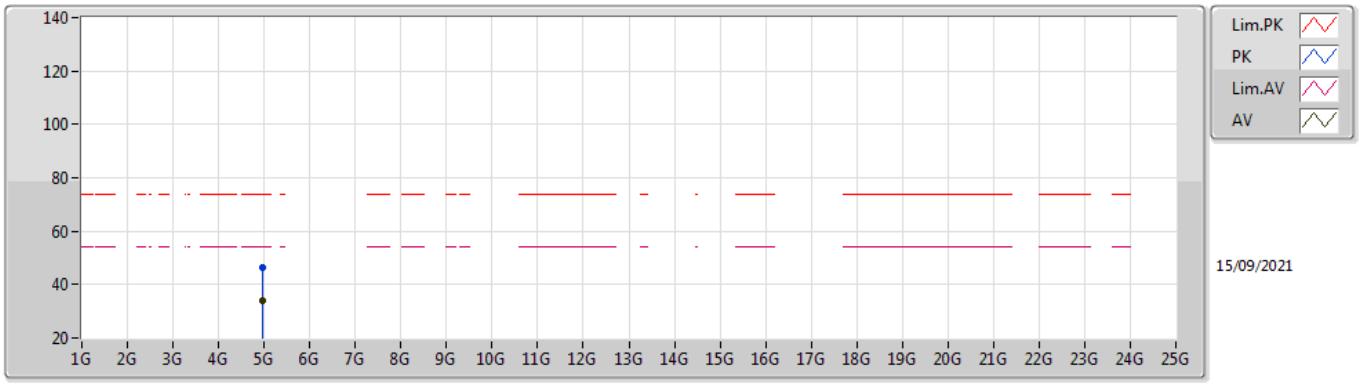


EUT Y_1TX
Setting Default
06-F-E-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.4798G	101.74	Inf	-Inf	71.30	3	Horizontal	6	2.11	-	27.26	3.18	-
AV	2.4801G	100.85	Inf	-Inf	70.41	3	Horizontal	6	2.11	-	27.26	3.18	-
PK	2.4835G	55.80	74.00	-18.20	25.35	3	Horizontal	6	2.11	-	27.27	3.18	-
AV	2.4835G	46.94	54.00	-7.06	16.49	3	Horizontal	6	2.11	-	27.27	3.18	-

BT-BR(1Mbps)

2480MHz_TX

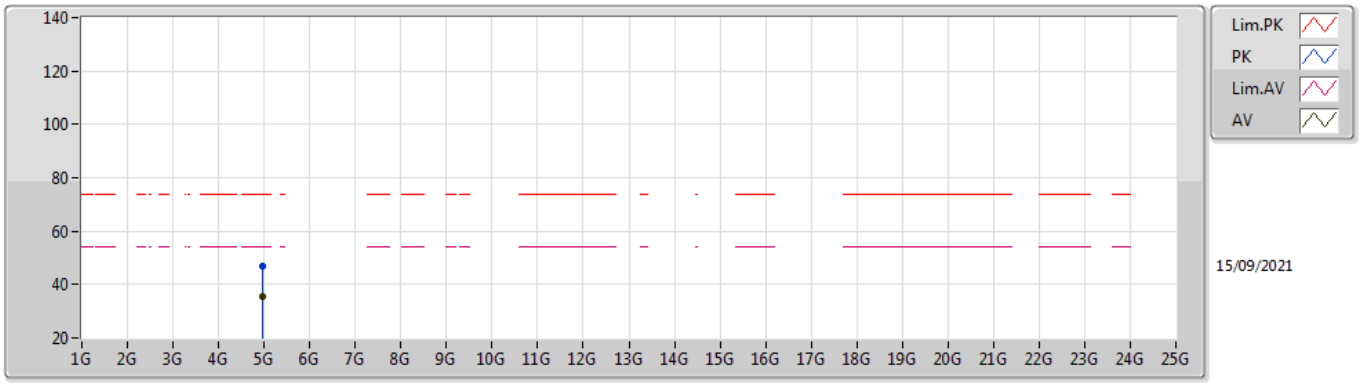


EUT Y_1TX
Setting Default
06-F-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.95988G	46.49	74.00	-27.51	42.13	3	Vertical	342	2.92	-	31.30	5.00	31.94
AV	4.95992G	33.99	54.00	-20.01	29.63	3	Vertical	342	2.92	-	31.30	5.00	31.94

BT-BR(1Mbps)

2480MHz_TX

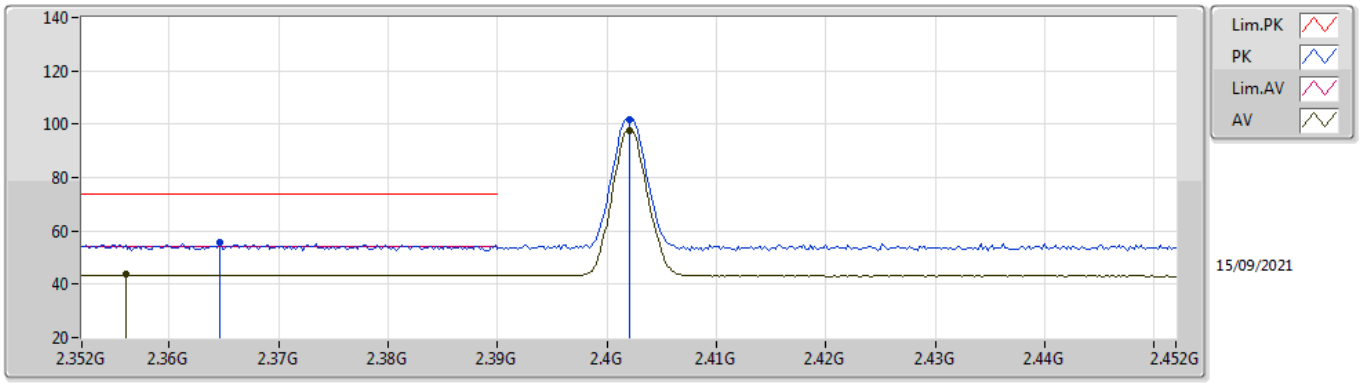


EUT Y_1TX
Setting Default
06-F-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.95936G	47.11	74.00	-26.89	42.75	3	Horizontal	330	1.80	-	31.30	5.00	31.94
AV	4.96004G	35.28	54.00	-18.72	30.92	3	Horizontal	330	1.80	-	31.30	5.00	31.94

BT-EDR(3Mbps)

2402MHz_TX

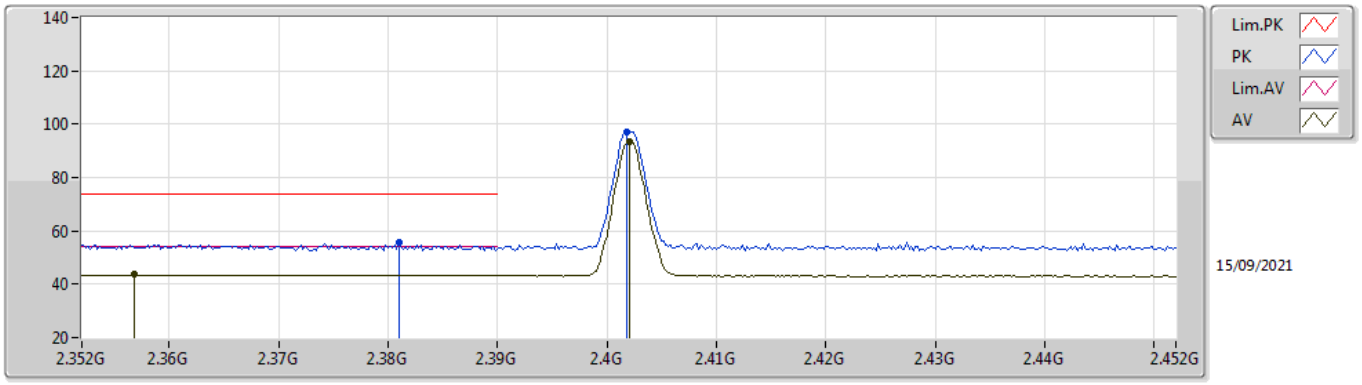


EUT Y_1TX
Setting Default
06-F-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3646G	55.67	74.00	-18.33	24.96	3	Vertical	333	2.06	-	27.68	3.03	-
AV	2.356G	43.54	54.00	-10.46	12.78	3	Vertical	333	2.06	-	27.75	3.01	-
PK	2.402G	101.79	Inf	-Inf	71.30	3	Vertical	333	2.06	-	27.39	3.10	-
AV	2.402G	97.71	Inf	-Inf	67.22	3	Vertical	333	2.06	-	27.39	3.10	-

BT-EDR(3Mbps)

2402MHz_TX

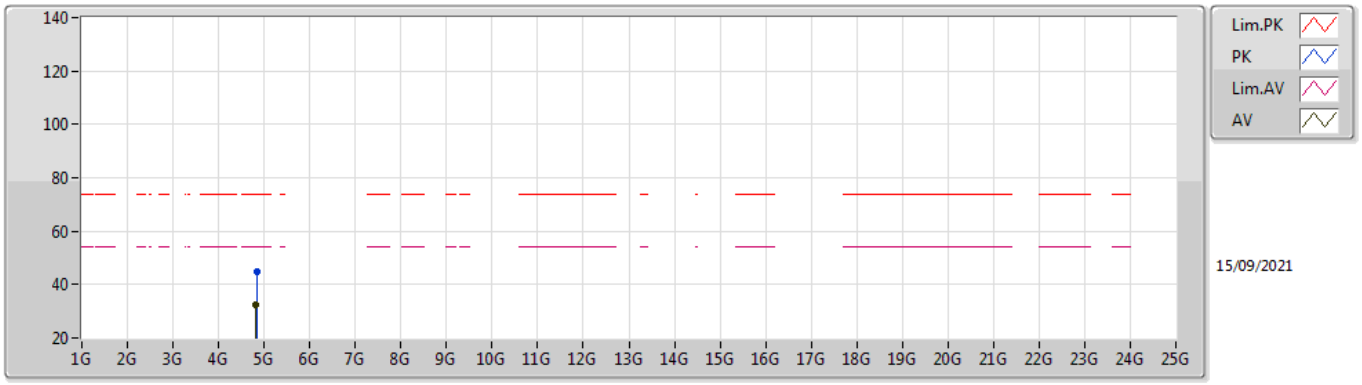


EUT Y_1TX
Setting Default
06-F-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.381G	55.50	74.00	-18.50	24.89	3	Horizontal	14	1.77	-	27.55	3.06	-
AV	2.3568G	43.63	54.00	-10.37	12.87	3	Horizontal	14	1.77	-	27.75	3.01	-
PK	2.4018G	97.24	Inf	-Inf	66.75	3	Horizontal	14	1.77	-	27.39	3.10	-
AV	2.402G	93.29	Inf	-Inf	62.80	3	Horizontal	14	1.77	-	27.39	3.10	-

BT-EDR(3Mbps)

2402MHz_TX

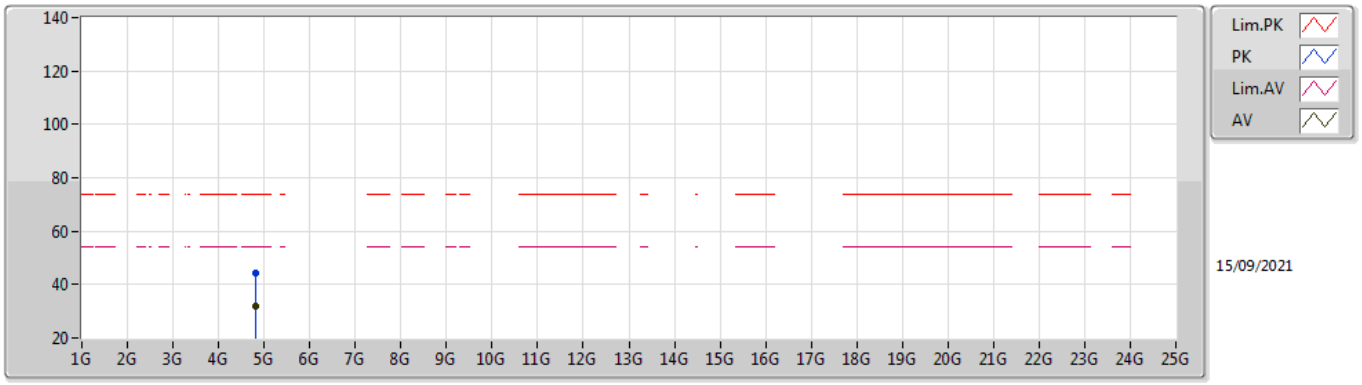


EUT Y_1TX
Setting Default
06-F-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.8296G	45.08	74.00	-28.92	41.09	3	Vertical	169	1.80	-	31.04	5.00	32.05
AV	4.8024G	32.21	54.00	-21.79	28.19	3	Vertical	169	1.80	-	31.10	5.00	32.08

BT-EDR(3Mbps)

2402MHz_TX

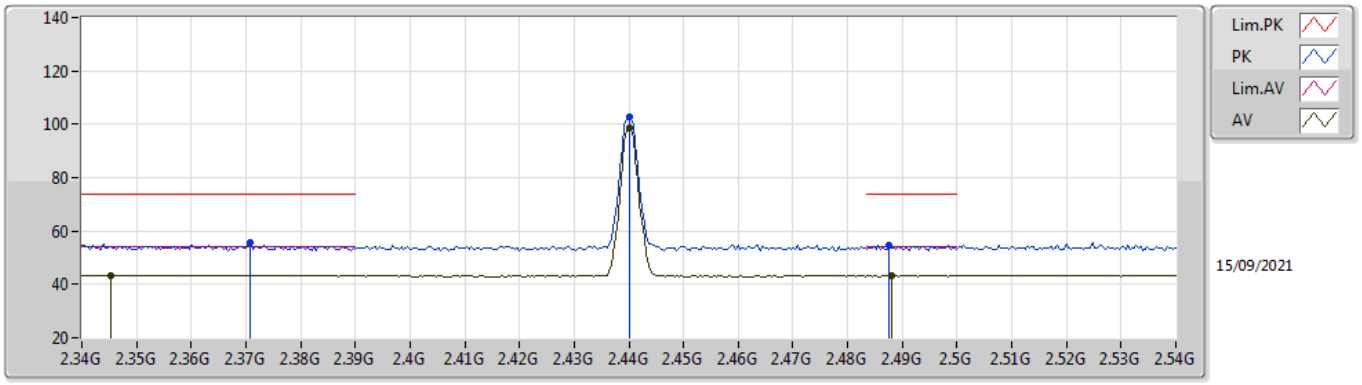


EUT Y_1TX
Setting Default
06-F-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.80026G	44.49	74.00	-29.51	40.47	3	Horizontal	249	2.69	-	31.10	5.00	32.08
AV	4.8013G	31.79	54.00	-22.21	27.77	3	Horizontal	249	2.69	-	31.10	5.00	32.08

BT-EDR(3Mbps)

2440MHz_TX

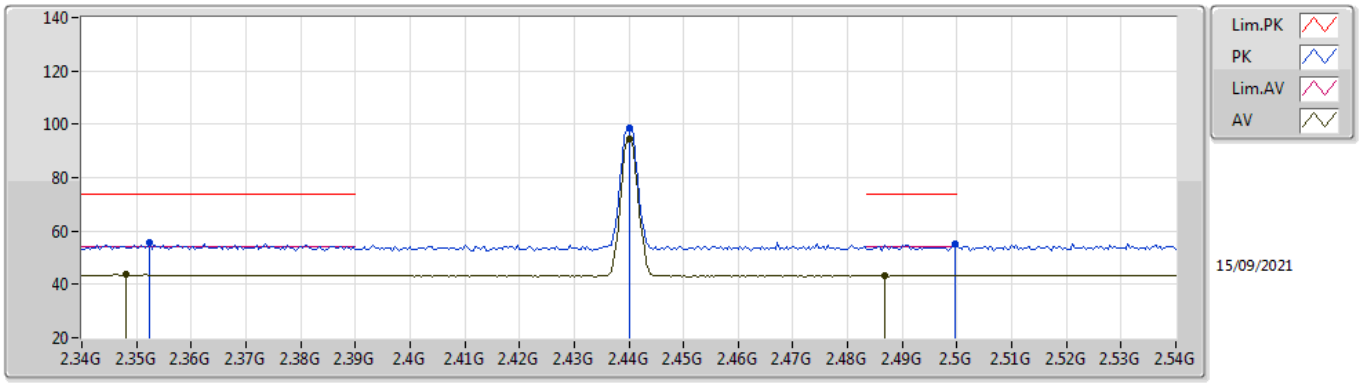


EUT Y_1TX
Setting Default
06-F-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3708G	55.67	74.00	-18.33	25.00	3	Vertical	333	1.80	-	27.63	3.04	-
AV	2.3452G	43.53	54.00	-10.47	12.72	3	Vertical	333	1.80	-	27.82	2.99	-
PK	2.44G	102.58	Inf	-Inf	72.20	3	Vertical	333	1.80	-	27.24	3.14	-
AV	2.44G	98.43	Inf	-Inf	68.05	3	Vertical	333	1.80	-	27.24	3.14	-
PK	2.4876G	54.52	74.00	-19.48	24.05	3	Vertical	333	1.80	-	27.28	3.19	-
AV	2.488G	43.22	54.00	-10.78	12.75	3	Vertical	333	1.80	-	27.28	3.19	-

BT-EDR(3Mbps)

2440MHz_TX

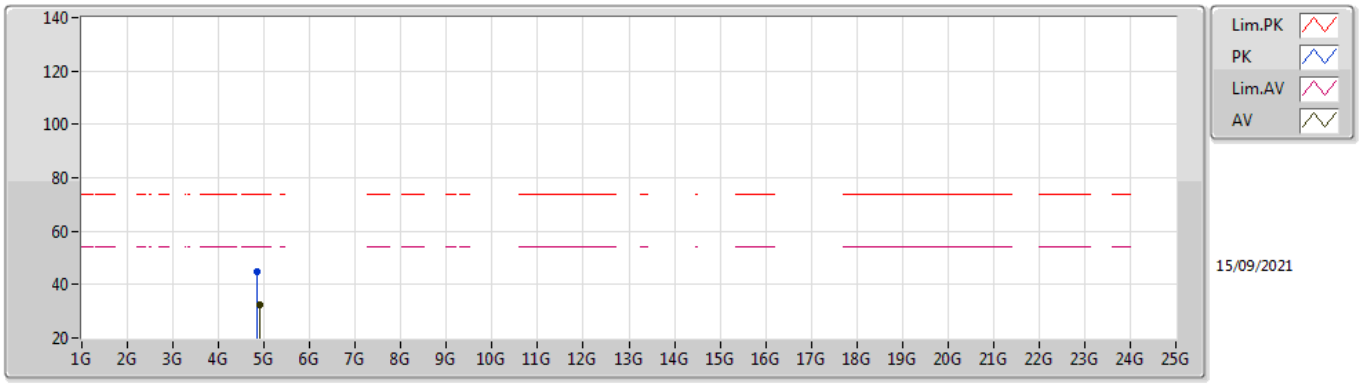


EUT Y_1TX
Setting Default
06-F-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3524G	55.70	74.00	-18.30	24.92	3	Horizontal	18	2.62	-	27.78	3.00	-
AV	2.348G	43.60	54.00	-10.40	12.79	3	Horizontal	18	2.62	-	27.81	3.00	-
PK	2.44G	98.56	Inf	-Inf	68.18	3	Horizontal	18	2.62	-	27.24	3.14	-
AV	2.44G	94.50	Inf	-Inf	64.12	3	Horizontal	18	2.62	-	27.24	3.14	-
PK	2.4996G	55.21	74.00	-18.79	24.71	3	Horizontal	18	2.62	-	27.30	3.20	-
AV	2.4868G	43.28	54.00	-10.72	12.82	3	Horizontal	18	2.62	-	27.27	3.19	-

BT-EDR(3Mbps)

2440MHz_TX

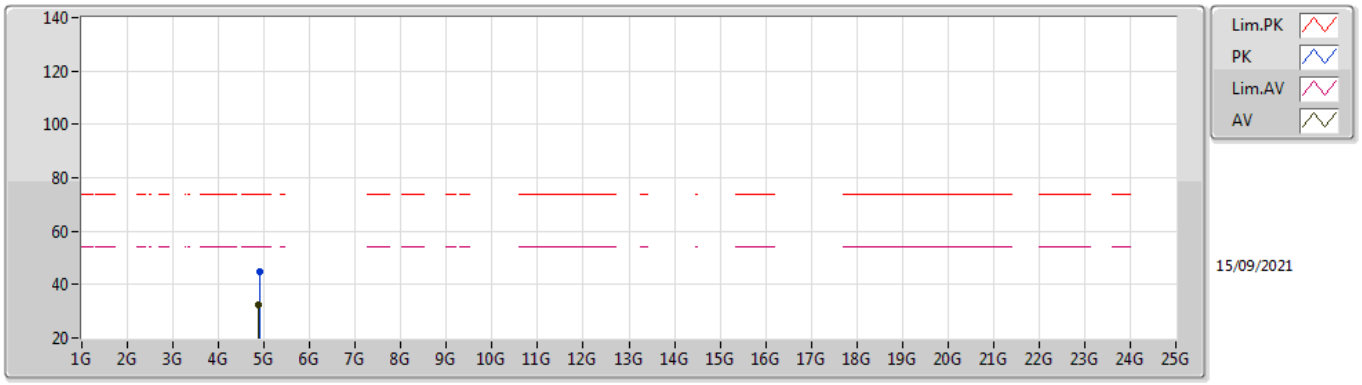


EUT Y_1TX
Setting Default
06-F-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.8562G	44.91	74.00	-29.09	40.93	3	Vertical	232	2.52	-	31.01	5.00	32.03
AV	4.892G	32.45	54.00	-21.55	28.37	3	Vertical	232	2.52	-	31.08	5.00	32.00

BT-EDR(3Mbps)

2440MHz_TX

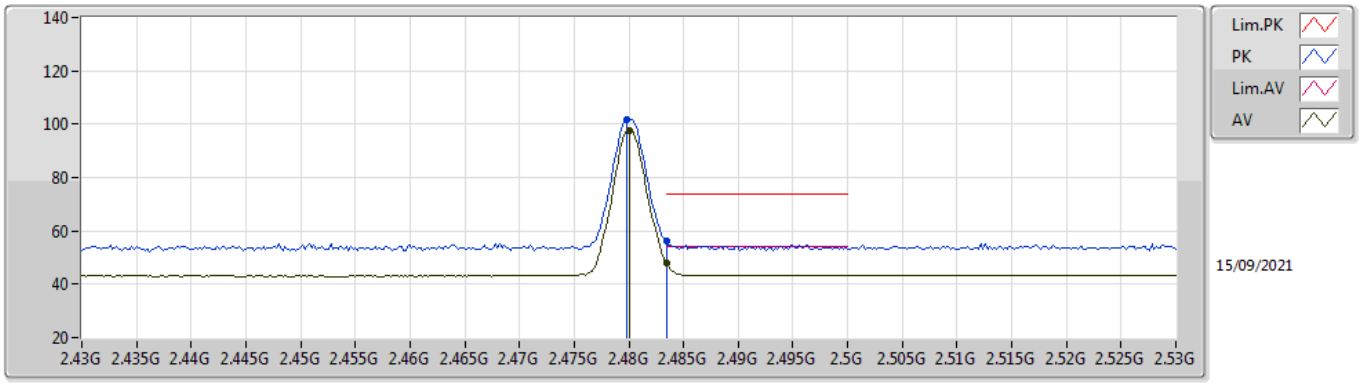


EUT Y_1TX
Setting Default
06-F-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.8936G	45.08	74.00	-28.92	40.99	3	Horizontal	223	1.70	-	31.09	5.00	32.00
AV	4.88G	32.43	54.00	-21.57	28.38	3	Horizontal	223	1.70	-	31.06	5.00	32.01

BT-EDR(3Mbps)

2480MHz_TX

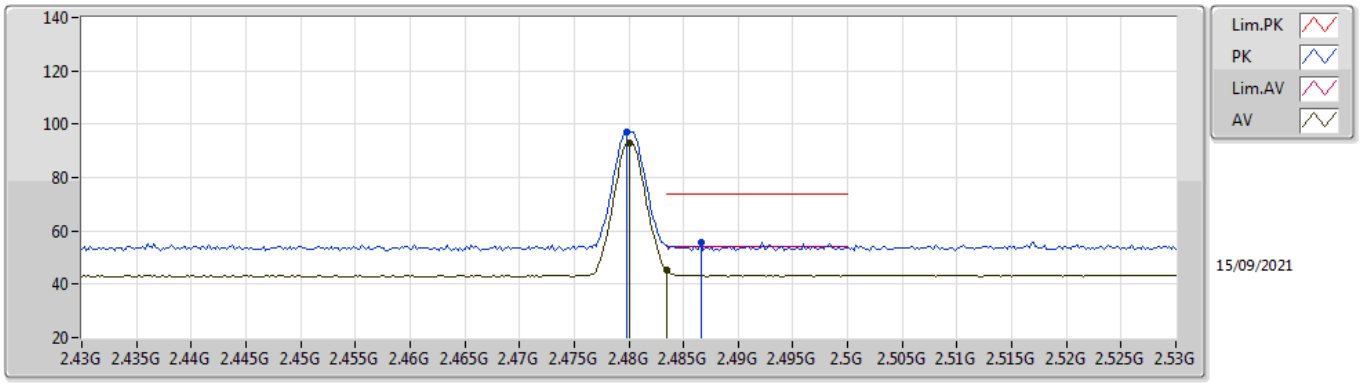


EUT Y_1TX
Setting Default
06-F-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.4798G	101.64	Inf	-Inf	71.20	3	Vertical	332	2.15	-	27.26	3.18	-
AV	2.48G	97.58	Inf	-Inf	67.14	3	Vertical	332	2.15	-	27.26	3.18	-
PK	2.4835G	56.40	74.00	-17.60	25.95	3	Vertical	332	2.15	-	27.27	3.18	-
AV	2.4835G	48.10	54.00	-5.90	17.65	3	Vertical	332	2.15	-	27.27	3.18	-

BT-EDR(3Mbps)

2480MHz_TX

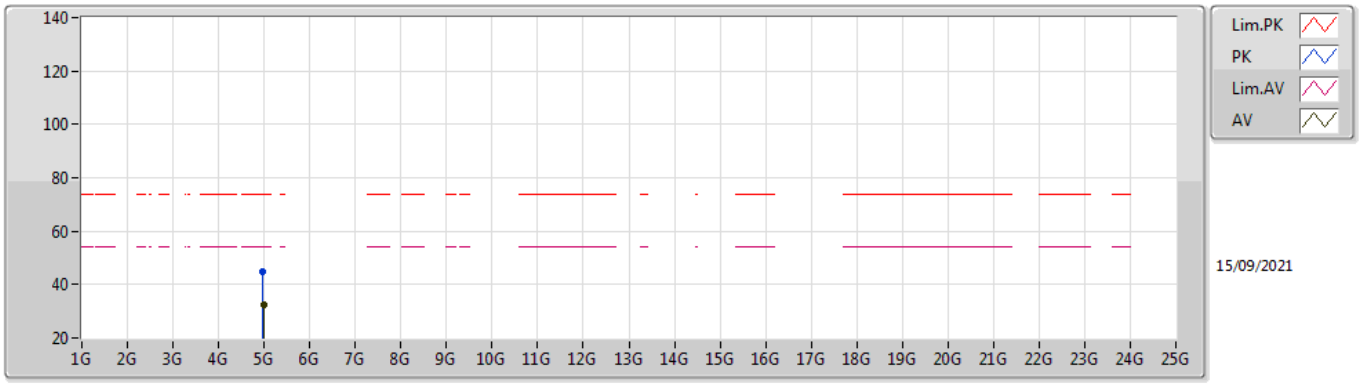


EUT Y_1TX
Setting Default
06-F-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.4798G	97.12	Inf	-Inf	66.68	3	Horizontal	0	1.85	-	27.26	3.18	-
AV	2.48G	93.05	Inf	-Inf	62.61	3	Horizontal	0	1.85	-	27.26	3.18	-
PK	2.4866G	55.66	74.00	-18.34	25.20	3	Horizontal	0	1.85	-	27.27	3.19	-
AV	2.4835G	45.36	54.00	-8.64	14.91	3	Horizontal	0	1.85	-	27.27	3.18	-

BT-EDR(3Mbps)

2480MHz_TX

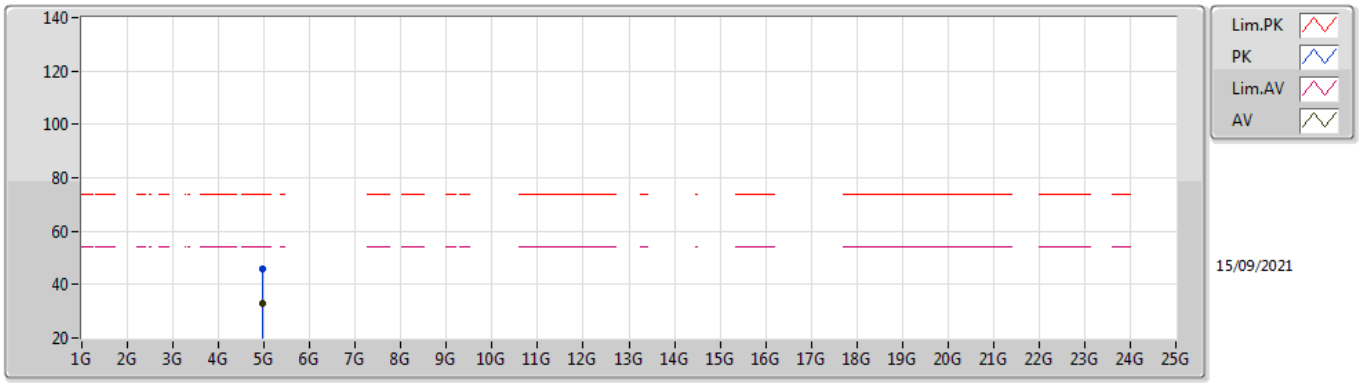


EUT Y_1TX
Setting Default
06-F-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.9738G	45.01	74.00	-28.99	40.64	3	Vertical	185	1.07	-	31.30	5.00	31.93
AV	5.0016G	32.65	54.00	-21.35	28.25	3	Vertical	185	1.07	-	31.31	5.00	31.91

BT-EDR(3Mbps)

2480MHz_TX



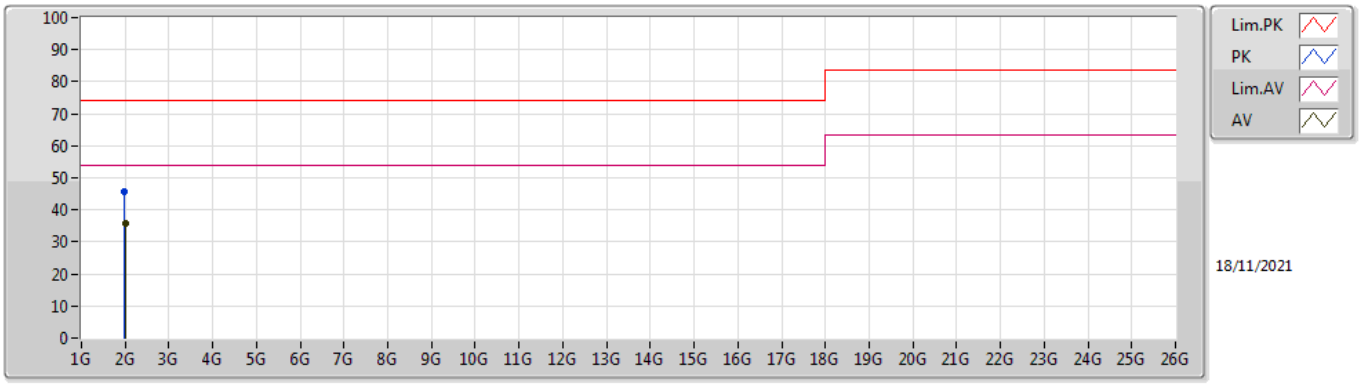
EUT Y_1TX
Setting Default
06-F-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.9584G	45.61	74.00	-28.39	41.25	3	Horizontal	210	2.60	-	31.30	5.00	31.94
AV	4.9512G	32.80	54.00	-21.20	28.45	3	Horizontal	210	2.60	-	31.30	5.00	31.95

Summary

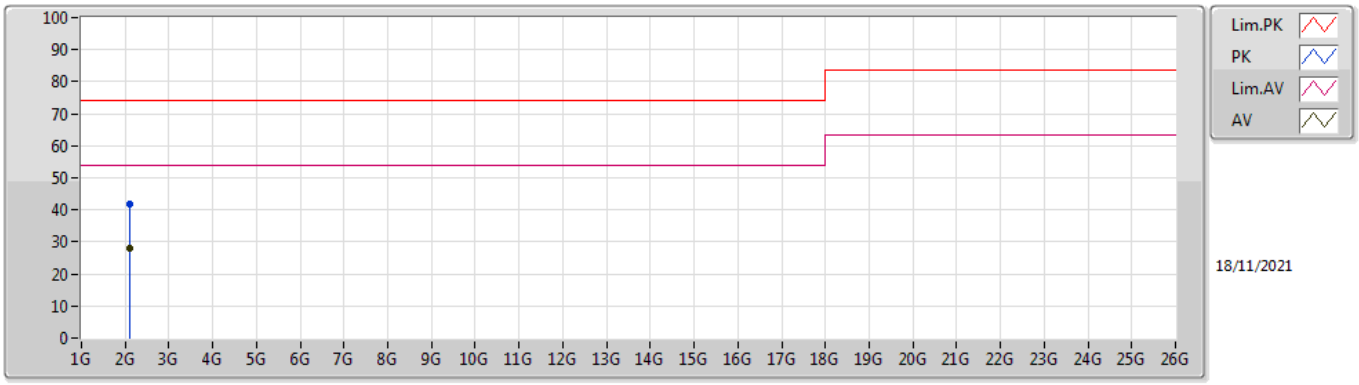
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 3	Pass	AV	1.9955G	35.64	54.00	-18.36	Vertical

Mode 3



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

Mode 3



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