

Japan Test Report

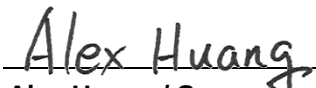
Equipment : Smart Watch
Model No. : A04543
Brand Name : GARMIN
Applicant : Garmin Corp.
Address : No.68, Zhangshu 2nd Rd., Xizhi Dist., New
Taipei City 221, Taiwan (R.O.C)
Standard : Article 2 Paragraph 1 Item 19
Received Date : Mar. 06, 2023
Tested Date : Apr. 18 ~ Apr. 19, 2023

Measurement was conducted by the following test method:
the test method of Ordinance Concerning Technical Regulations Conformity Certification
etc. of Specified Radio Equipment in Annex 1, the Ministry of Internal Affairs and
Communications notification in Annex "43" of Article 88, Paragraph 1 and ARIB STD-T66.

We, International Certification Corporation, would like to declare that the tested sample has
been evaluated and in compliance with the requirement of the above standards. The test
results contained in this report refer exclusively to the product. It shall not be reproduced
except in full without the written approval of our laboratory.

Reviewed by:

Approved by:


Alex Huang / Supervisor


Gary Chang / Manager

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APPENDIX A.1 TEST RESULTS FOR ANTENNA POWER

APPENDIX A.2 TEST RESULTS FOR ANTENNA POWER

APPENDIX B. TEST RESULTS FOR FREQUENCY TOLERANCE

APPENDIX C. TEST RESULTS FOR OCCUPIED BANDWIDTH

APPENDIX D. TEST RESULTS FOR SPREADING BANDWIDTH AND FACTOR

APPENDIX E. TEST RESULTS FOR TRANSMITTER SPURIOUS EMISSIONS

APPENDIX F. TEST RESULTS FOR DWELL TIME

APPENDIX G. TEST RESULTS FOR INTERFERENCE PREVENTION FUNCTION

APPENDIX H. TEST RESULTS FOR RECEIVER SPURIOUS EMISSIONS

Release Record

Report No.	Version	Description	Issued Date
JR330603AD	Rev. 01	Initial issue	Apr. 27, 2023

Summary of Test Results

Ref. Std. Clause	Description	Result
3.2(2)(3)	Antenna Power / Tolerances for antenna power	Pass
3.2(4)	Frequency Tolerance	Pass
3.2(6)	Transmitter Spurious Emission	Pass
3.2(7)	Occupied Bandwidth	Pass
3.2(8)	Spreading Bandwidth	Pass
3.2(9)	Spreading Factor	Pass
3.2(11)	Dwell time	Pass
3.4.1	Interference prevention function	Pass
3.3(1)	Receiver Spurious Emission	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.

1 General Description

1.1 Information

1.1.1 Specification of the Equipment under Test (EUT)

Power Type	5Vdc from host 3.87Vdc from battery
Type(s) of Modulation / Technology	FHSS / GFSK = 1Mbps, $\pi/4$ DQPSK = 2Mbps, 8DPSK = 3Mbps
Frequency Range (MHz)	2402 ~ 2480 MHz
Total Channel Number	79
HW Version	105-04543-40
SW Version	2.0

1.1.2 Accessories

No.	Equipment	Description
1	Battery	Brand: Garmin Model: 361-00165-00 Rating: 3.87Vdc, 297mAh
2	USB cable	Brand: GARMIN Model: 320-01602-00 0.56m shielded without core

1.1.3 Antenna Details

Ant. No.	Brand	Model	Type	Connector	Gain (dBi)
1	Garmin	117-01960-01	Slot	No	-3.01921

Note: Please refer to antenna report for more details about antenna pattern and other information.

1.1.4 Antenna Power

Operating Mode	Rated Power (mW/MHz)	Measured Conducted Power (mW/MHz)	Radiated Power (mW/MHz)
BT-BR (1Mbps)	0.2	0.20045	0.10002
BT-EDR (3Mbps)	0.2	0.06668	0.03327
BT-BR-AFH (1Mbps)	0.8	0.76208	0.38026
BT-EDR-AFH (3Mbps)	0.8	0.25586	0.12767

1.1.5 Channel List

Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
0	2402	20	2422	40	2442	60	2462
1	2403	21	2423	41	2443	61	2463
2	2404	22	2424	42	2444	62	2464
3	2405	23	2425	43	2445	63	2465
4	2406	24	2426	44	2446	64	2466
5	2407	25	2427	45	2447	65	2467
6	2408	26	2428	46	2448	66	2468
7	2409	27	2429	47	2449	67	2469
8	2410	28	2430	48	2450	68	2470
9	2411	29	2431	49	2451	69	2471
10	2412	30	2432	50	2452	70	2472
11	2413	31	2433	51	2453	71	2473
12	2414	32	2434	52	2454	72	2474
13	2415	33	2435	53	2455	73	2475
14	2416	34	2436	54	2456	74	2476
15	2417	35	2437	55	2457	75	2477
16	2418	36	2438	56	2458	76	2478
17	2419	37	2439	57	2459	77	2479
18	2420	38	2440	58	2460	78	2480
19	2421	39	2441	59	2461	-	-

1.1.6 Test Tool and Power Index

Test Tool
BT Test, Version: 59.09

Power Index			
Channel	Frequency (MHz)	GFSK	8DPSK
0	2402	CBT Max	CBT Max
39	2441	CBT Max	CBT Max
78	2480	CBT Max	CBT Max

1.1.7 Test Voltage

Test Voltage	☒ Vnom (3.87 Vdc)	☒ Vmax (5.5 Vdc)	☒ Vmin (3.3 Vdc)
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1.1.8 Protection Method for High Frequency and Modulation Section

Protected Method	Description
Glue Case	RF and Modulation components are covered within case of EUT and this case used Glue to protect anybody to open this case. Then use the glue to compress tightly and protect the outer cover is not opened easily. The glue will be damaged and calibration function will be broken that causes measured value will be incorrect if the cover was opened.

1.2 Test Equipment and Calibration Data

Test Item	RF Conducted						
Test Site	(TH01-WS)						
Tested Date	Apr. 18 ~ Apr. 19, 2023						
Instrument	Brand	Model No.	Serial No.	Calibration Date	Calibration Until	Calibration Authority	Calibration Method
Spectrum Analyzer	Agilent	N9010A	MY54200247	Oct. 24, 2022	Oct. 23, 2023	ETC	(C)
DC POWER SOURCE	GW INSTEK	GPC-6030D	GES855395	Oct. 31, 2022	Oct. 30, 2023	ETC	(C)
Power Meter	Anritsu	ML2495A	1241002	Nov. 23, 2022	Nov. 22, 2023	ETC	(C)
Power Sensor	Anritsu	MA2411B	1207366	Nov. 23, 2022	Nov. 22, 2023	ETC	(C)
Bluetooth Tester	R&S	CBT	100959	Jan. 06, 2023	Jan. 05, 2024	ETC	(C)
Measurement Software	Sporton	SENSE-T66_FS	V5.10.7	NA	NA	N/A	N/A

Note 1: Calibration Interval of instruments listed above is one year.

Note 2: Calibration Method

- Calibration conducted by the National Institute of Information and Communications Technology(NICT) or a designated calibration agency under Article 102-18 paragraph (1) of the Radio Law.
- Calibration conducted pursuant to the provisions of Article 135 or Article 144 of the Measurement Law (Law No. 51 of 1992) Japan Calibration Service System.
- Calibration conducted in foreign countries, which shall be equivalent to the calibration conducted by the NICT or a designated calibration agency under Article 102-18 paragraph (1).
- Calibration conducted by using other equipment that listed above from a) to c).

1.3 Testing Applied Standards

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

Article 2 Paragraph 1 Item 19

1.4 Deviation from Test Standard and Measurement Procedure

None

1.5 Measurement Uncertainty

The measurement uncertainties given below are based on a 95% confidence level (based on a coverage factor ($k=2$)).

Measurement Uncertainty	
Parameters	Uncertainty
Bandwidth	± 34.139 Hz
Conducted power	± 0.808 dB
Frequency error	$\pm 1 \times 10^{-9}$
TX Conducted emission	± 2.680 dB
RX Conducted emission	± 3.034 dB
Time	$\pm 0.1\%$

2 Test Configuration

2.1 Testing Location and Conditions

Test Site	Site Category	Ambient Condition	Tested By
TH01-WS	OVEN Room	22°C / 63%	Jack Li

2.2 Testing Facility

Test Laboratory	International Certification Corporation
Test Site	TH01-WS
Address of Test Site	No.3-1, Lane 6, Wen San 3rd St., Kwei Shan Dist., Tao Yuan City 33381, Taiwan (R.O.C.)

2.3 The Worst Test Modes and Channel Details

Test item	Mode	Test channel
Antenna Power	GFSK, 8DPSK	Hopping
Frequency Tolerance	GFSK, 8DPSK	0 / 39 / 78
Occupied Bandwidth	GFSK, 8DPSK	Hopping
Spreading Bandwidth and Factor	GFSK, 8DPSK	Hopping
Transmitter Spurious Emission	GFSK, 8DPSK	Hopping
Dwell time	GFSK, 8DPSK	Hopping
Interference Prevention Function	GFSK, 8DPSK	Hopping
Receiver Spurious Emission	GFSK, 8DPSK	0 / 39 / 78

3 Test Results

3.1 Antenna Power

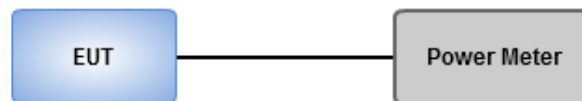
3.1.1 Limit of Antenna Power

Mode	Limit	Tolerance
1) FH, FH+DS, FH+OFDM	3 mW / MHz	+20 % , -80 %
2) OFDM(Narrow- bandwidht), DS	10 mW / MHz	
3) Other than 1) & 2)	10mW	
4) OFDM (Wide-band)	5 mW / MHz	

3.1.2 Test Procedures

1. Measure the total power by Power Meter in a state of hopping mode
2. Measure the burst ratio. Then calculate the real total power by burst ratio.
3. Calculate the mean power per 1MHz by dividing the total power by spread bandwidth
4. $\text{Output Power Density (mW/MHz)} = \text{Total Output Power (mW)} / \text{Burst Ratio} / \text{Spread Bandwidth (MHz)}$

3.1.3 Test Setup



3.1.4 Test Result of Maximum Transmit Power

Refer to Appendix A1, A2

3.2 Frequency Tolerance

3.2.1 Limit of Frequency Tolerance

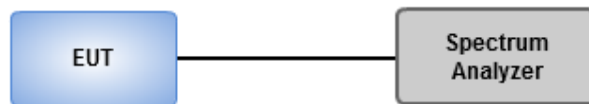
Frequency tolerance shall be +/- 50ppm.

3.2.2 Test Procedures

1. Set Span = 500kHz, RBW = 1kHz, VBW = 3kHz, Sweep time = Auto, detector = Peak.
2. Use Peak search function to find the max peak value and record this value (RF).
3. Calculate frequency tolerance by below formula
$$FT(ppm) = \{ (RF) - (MF) / (MF) \} \times 1000000$$

(FT: Frequency Tolerance, RF: Reading Frequency, MF: Measurement Frequency.)

3.2.3 Test Setup



3.2.4 Test Result of Frequency Tolerance

Refer to Appendix B

3.3 Occupied Bandwidth

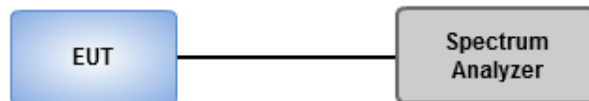
3.3.1 Limit of Occupied Bandwidth

Mode	Limit (MHz)
FH	83.5
FH+DS	83.5
FH+OFDM	83.5
OFDM(Narrow- bandwidht), DS	26
Others	26
OFDM (Wide-band)	38

3.3.2 Test Procedures

1. Set Span = 200MHz, RBW = VBW = 300kHz, detector = Peak, Sweep time = Auto.
2. Enable OBW function of spectrum analyzer to measure 99% bandwidth of total power.

3.3.3 Test Setup



3.3.4 Test Result of Occupied Bandwidth

Refer to Appendix C

3.4 Spreading Bandwidth and Factor

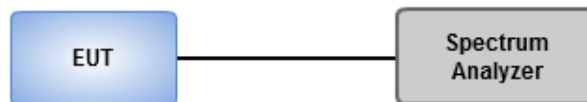
3.4.1 Limit of Spreading Bandwidth and Factor

Item	Limit
Spreading bandwidth	$\geq 500\text{kHz}$
Spreading factor for DSSS (operates at 2400~2483.5 MHz)	≥ 5
Spreading factor for DSSS (operates at 2471~2497 MHz)	≥ 10

3.4.2 Test Procedures

1. Set Span = 20MHz, RBW = VBW = 300kHz, detector = Peak, Sweep time = Auto.
2. Enable OBW (90%) function of spectrum analyzer to measure 90% bandwidth of total power.

3.4.3 Test Setup



3.4.4 Test Result of Spreading Bandwidth and Factor

Refer to Appendix D

3.5 Transmitter Spurious Emissions

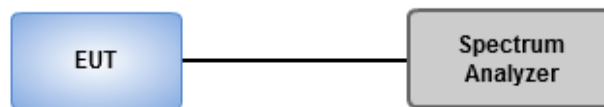
3.5.1 Limit of Transmitter Spurious Emissions

Item	Limits
Tx Spurious Emission	$\leq 2.5 \mu\text{W}$ ($2387\text{MHz} > f ; 2496.5\text{MHz} < f$).
	$\leq 25 \mu\text{W}$. ($2387\text{MHz} \leq f < 2400\text{MHz}$) and ($2483.5\text{MHz} < f \leq 2496.5\text{MHz}$).

3.5.2 Test Procedures

1. Set EUT to transmit at rated power and channel to perform test.
2. Set RBW = VBW = 1MHz, Detector type = Peak, Sweep time = Auto.
3. Following above setting of spectrum analyzer to measure spurious emission of 30~12500 MHz.

3.5.3 Test Setup



3.5.4 Test Result of Transmitter Spurious Emissions

Refer to Appendix E

3.6 Dwell time

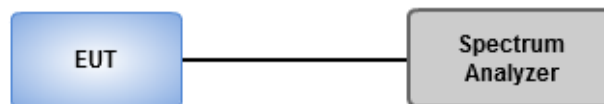
3.6.1 Limit of Dwell time

Limits	Shall be less than 0.4 second
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3.6.2 Test Procedures

1. Set EUT to transmit at rated power and channel to perform test.
2. Set RBW = VBW = 300kHz, Detector type = Peak, Span = Zero Span, Sweep time = 5 msec.
3. Use marker function to measure Burst on and off time.
4. Burst ratio = On Time / (On Time + Off time)

3.6.3 Test Setup



3.6.4 Test Result of Dwell time

Refer to Appendix F

3.7 Interference Prevention Function

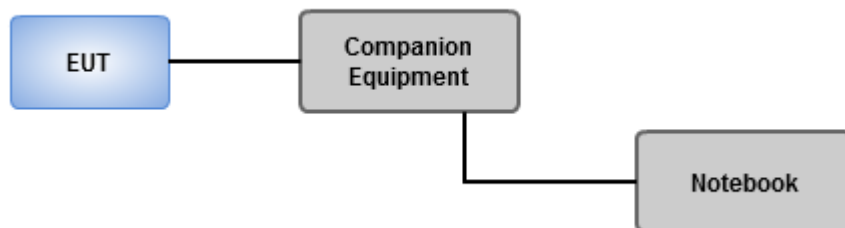
3.7.1 Limit of Interference Prevention Function

Limits
The identification code shall be 48 bits long

3.7.2 Test Procedures

1. Set EUT under operating mode and link up with companion equipment
2. Check communication status between EUT and companion equipment is normal
3. Confirm the MAC address of EUT

3.7.3 Test Setup



3.7.4 Test Result of Interference Prevention Function

Refer to Appendix G

4 Receiver Test Results

4.1 Receiver Spurious Emissions

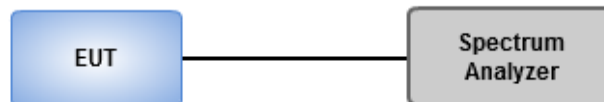
4.1.1 Limit of Receiver Spurious Emissions

Item	Limits
Rx Spurious Emission	$\leq 4\text{nW}$ ($f < 1\text{GHz}$).
	$\leq 20\text{nW}$ ($1\text{GHz} \leq f$).

4.1.2 Test Procedures

1. Set EUT under receiving condition to perform test
2. Set RBW = VBW = 100kHz, detector = Peak, Sweep time = Auto for emission measurement below 1GHz.
3. Set RBW = VBW=1MHz, detector = Peak, Sweep time = Auto for emission measurement above 1GHz.

4.1.3 Test Setup



4.1.4 Test Result of Receiver Spurious Emissions

Refer to Appendix H

5 Test laboratory information

Established in 2012, ICC provides foremost EMC & RF Testing and advisory consultation services by our skilled engineers and technicians. Our services employ a wide variety of advanced edge test equipment and one of the widest certification extents in the business.

International Certification Corporation (EMC and Wireless Communication Laboratory), it is our definitive objective is to institute long term, trust-based associations with our clients. The expectation we set up with our clients is based on outstanding service, practical expertise and devotion to a certified value structure. Our passion is to grant our clients with best EMC / RF services by oriented knowledgeable and accommodating staff.

Our Test sites are located at Linkou District and Kwei Shan District. Location map can be found on our website <http://www.icertifi.com.tw>.

Linkou

Tel: 886-2-2601-1640

No.30-2, Ding Fwu Tsuen, Lin Kou
District, New Taipei City, Taiwan
(R.O.C.)

Kwei Shan

Tel: 886-3-271-8666

No.3-1, Lane 6, Wen San 3rd
St., Kwei Shan Dist., Tao Yuan
City 33381, Taiwan (R.O.C.)
No.2-1, Lane 6, Wen San 3rd
St., Kwei Shan Dist., Tao Yuan
City 33381, Taiwan (R.O.C.)

Kwei Shan Site II

Tel: 886-3-271-8640

No.14-1, Lane 19, Wen San 3rd
St., Kwei Shan Dist., Tao Yuan
City 33381, Taiwan (R.O.C.)

If you have any suggestion, please feel free to contact us as below information.

Tel: 886-3-271-8666

Fax: 886-3-318-0345

Email: ICC_Service@icertifi.com.tw

==END==



Summary

Mode	Antenna Power (dBm/MHz)	Antenna Power (mW/MHz)	EIRP Antenna Power (dBm/MHz)	EIRP Antenna Power (mW/MHz)
2.4-2.4835GHz	-	-	-	-
BT-BR(1Mbps)	-6.98	0.20045	-10.00	0.10002
BT-EDR(3Mbps)	-11.76	0.06668	-14.78	0.03327
BT-BR-AFH(1Mbps)	-1.18	0.76208	-4.20	0.38026
BT-EDR-AFH(3Mbps)	-5.92	0.25586	-8.94	0.12767

Result

Mode	Result	Gain (dBi)	Antenna Power (dBm/MHz)	Antenna Power (mW/MHz)	Antenna Power Lim. (mW/MHz)	EIRP Antenna Power (dBm/MHz)	EIRP Antenna Power (mW/MHz)	EIRP Antenna Power Lim. (mW/MHz)
BT-BR(1Mbps)	-	-	-	-	-	-	-	-
Hopping Mode_TnomVnom	Pass	-3	-6.98	0.20045	3	-10.00	0.10002	4.91
Hopping Mode_TnomVmin	Pass	-3	-6.99	0.19999	3	-10.01	0.09979	4.91
Hopping Mode_TnomVmax	Pass	-3	-6.98	0.20045	3	-10.00	0.10002	4.91
BT-EDR(3Mbps)	-	-	-	-	-	-	-	-
Hopping Mode_TnomVnom	Pass	-3	-11.77	0.06653	3	-14.79	0.03320	4.91
Hopping Mode_TnomVmin	Pass	-3	-11.78	0.06637	3	-14.80	0.03312	4.91
Hopping Mode_TnomVmax	Pass	-3	-11.76	0.06668	3	-14.78	0.03327	4.91
BT-BR-AFH(1Mbps)	-	-	-	-	-	-	-	-
Hopping Mode_TnomVnom	Pass	-3	-1.18	0.76208	3	-4.20	0.38026	4.91
Hopping Mode_TnomVmin	Pass	-3	-1.19	0.76033	3	-4.21	0.37938	4.91
Hopping Mode_TnomVmax	Pass	-3	-1.18	0.76208	3	-4.20	0.38026	4.91
BT-EDR-AFH(3Mbps)	-	-	-	-	-	-	-	-
Hopping Mode_TnomVnom	Pass	-3	-5.93	0.25527	3	-8.95	0.12737	4.91
Hopping Mode_TnomVmin	Pass	-3	-5.95	0.25410	3	-8.97	0.12679	4.91
Hopping Mode_TnomVmax	Pass	-3	-5.92	0.25586	3	-8.94	0.12767	4.91

P1 = Port 1 Antenna Power; P2 = Port 2 Antenna Power; Pn = Port n Antenna Power; Antenna Power = Sum by P1~Pn

Summary

Mode	Result	Antenna Power (dBm/MHz)	Antenna Power (mW/MHz)	Declare (mW/MHz)	Tolerance (%)	Limit+ (%)	Limit- (%)
2.4-2.4835GHz	-	-	-	-	-	-	-
BT-BR(1Mbps)	Pass	-6.98	0.20045	0.20000	0.22	20	-80
BT-EDR(3Mbps)	Pass	-11.78	0.06637	0.20000	-66.81	20	-80
BT-BR-AFH(1Mbps)	Pass	-1.18	0.76208	0.80000	-4.74	20	-80
BT-EDR-AFH(3Mbps)	Pass	-5.95	0.25410	0.80000	-68.24	20	-80

Result

Mode	Result	Antenna Power (dBm/MHz)	Antenna Power (mW/MHz)	Declare (mW/MHz)	Tolerance (%)	Limit+ (%)	Limit- (%)
BT-BR(1Mbps)	-	-	-	-	-	-	-
Hopping Mode_TnomVnom	Pass	-6.98	0.20045	0.20000	0.22	20	-80
Hopping Mode_TnomVmin	Pass	-6.99	0.19999	0.20000	-0.01	20	-80
Hopping Mode_TnomVmax	Pass	-6.98	0.20045	0.20000	0.22	20	-80
BT-EDR(3Mbps)	-	-	-	-	-	-	-
Hopping Mode_TnomVnom	Pass	-11.77	0.06653	0.20000	-66.74	20	-80
Hopping Mode_TnomVmin	Pass	-11.78	0.06637	0.20000	-66.81	20	-80
Hopping Mode_TnomVmax	Pass	-11.76	0.06668	0.20000	-66.66	20	-80
BT-BR-AFH(1Mbps)	-	-	-	-	-	-	-
Hopping Mode_TnomVnom	Pass	-1.18	0.76208	0.80000	-4.74	20	-80
Hopping Mode_TnomVmin	Pass	-1.19	0.76033	0.80000	-4.96	20	-80
Hopping Mode_TnomVmax	Pass	-1.18	0.76208	0.80000	-4.74	20	-80
BT-EDR-AFH(3Mbps)	-	-	-	-	-	-	-
Hopping Mode_TnomVnom	Pass	-5.93	0.25527	0.80000	-68.09	20	-80
Hopping Mode_TnomVmin	Pass	-5.95	0.25410	0.80000	-68.24	20	-80
Hopping Mode_TnomVmax	Pass	-5.92	0.25586	0.80000	-68.02	20	-80

**Summary**

Mode	Result	Ch (Hz)	Center (Hz)	ppm	Limit (ppm)	Port	Remark
2.4-2.4835GHz	-	-	-	-	-	-	-
BT-BR(1Mbps)	Pass	2.402G	2.40200314G	1.3066	±50	1	-
BT-EDR(3Mbps)	Pass	2.402G	2.40200311G	1.296	±50	1	-

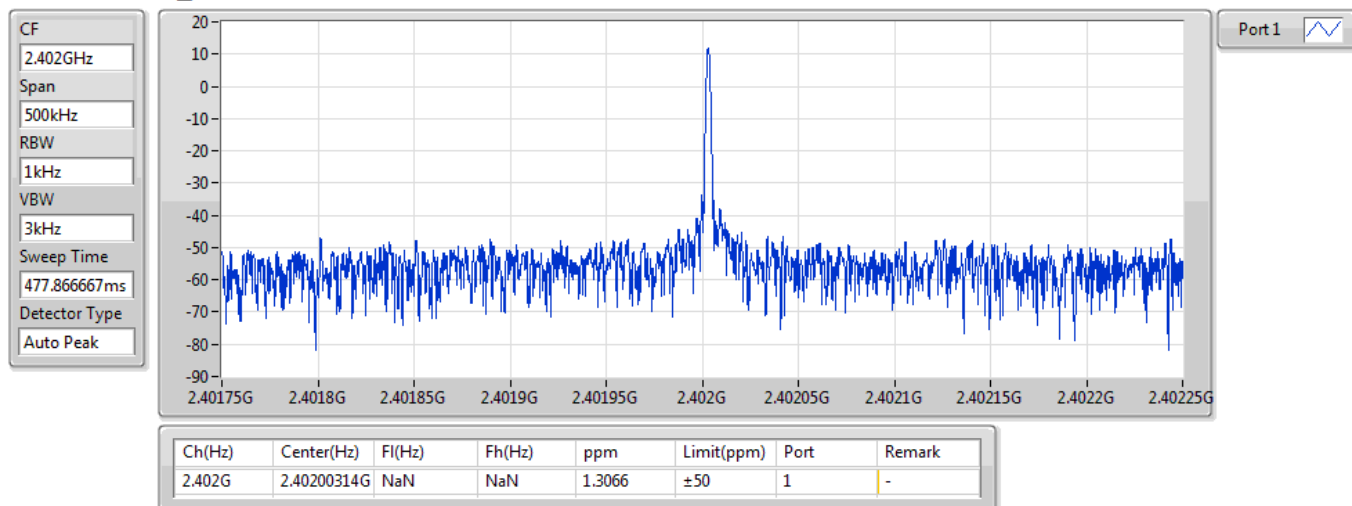
Result

Mode	Result	Ch (Hz)	Center (Hz)	ppm	Limit (ppm)	Port	Remark
BT-BR(1Mbps)	-	-	-	-	-	-	-
2402MHz_TnomVnom	Pass	2.402G	2.40200314G	1.3066	±50	1	-
2402MHz_TnomVmin	Pass	2.402G	2.40200313G	1.3032	±50	1	-
2402MHz_TnomVmax	Pass	2.402G	2.40200312G	1.3008	±50	1	-
2441MHz_TnomVnom	Pass	2.441G	2.44100096G	0.3944	±50	1	-
2441MHz_TnomVmin	Pass	2.441G	2.44100094G	0.3857	±50	1	-
2441MHz_TnomVmax	Pass	2.441G	2.44100092G	0.3785	±50	1	-
2480MHz_TnomVnom	Pass	2.48G	2.47999845G	-0.6262	±50	1	-
2480MHz_TnomVmin	Pass	2.48G	2.47999843G	-0.632	±50	1	-
2480MHz_TnomVmax	Pass	2.48G	2.47999842G	-0.6351	±50	1	-
BT-EDR(3Mbps)	-	-	-	-	-	-	-
2402MHz_TnomVnom	Pass	2.402G	2.40200311G	1.296	±50	1	-
2402MHz_TnomVmin	Pass	2.402G	2.40200311G	1.2933	±50	1	-
2402MHz_TnomVmax	Pass	2.402G	2.4020031G	1.2925	±50	1	-
2441MHz_TnomVnom	Pass	2.441G	2.4410009G	0.3677	±50	1	-
2441MHz_TnomVmin	Pass	2.441G	2.44100089G	0.3629	±50	1	-
2441MHz_TnomVmax	Pass	2.441G	2.44100087G	0.3579	±50	1	-
2480MHz_TnomVnom	Pass	2.48G	2.47999851G	-0.6027	±50	1	-
2480MHz_TnomVmin	Pass	2.48G	2.47999849G	-0.6109	±50	1	-
2480MHz_TnomVmax	Pass	2.48G	2.47999847G	-0.6184	±50	1	-

BT-BR(1Mbps)

Freq. Stability

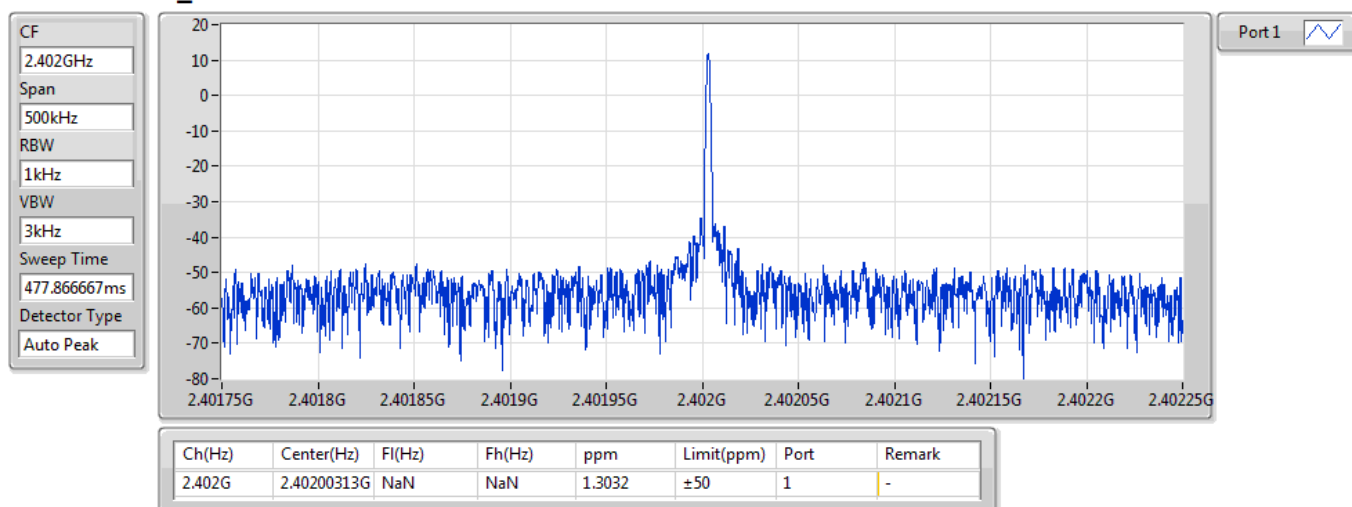
2402MHz_TnomVnom



BT-BR(1Mbps)

Freq. Stability

2402MHz_TnomVmin

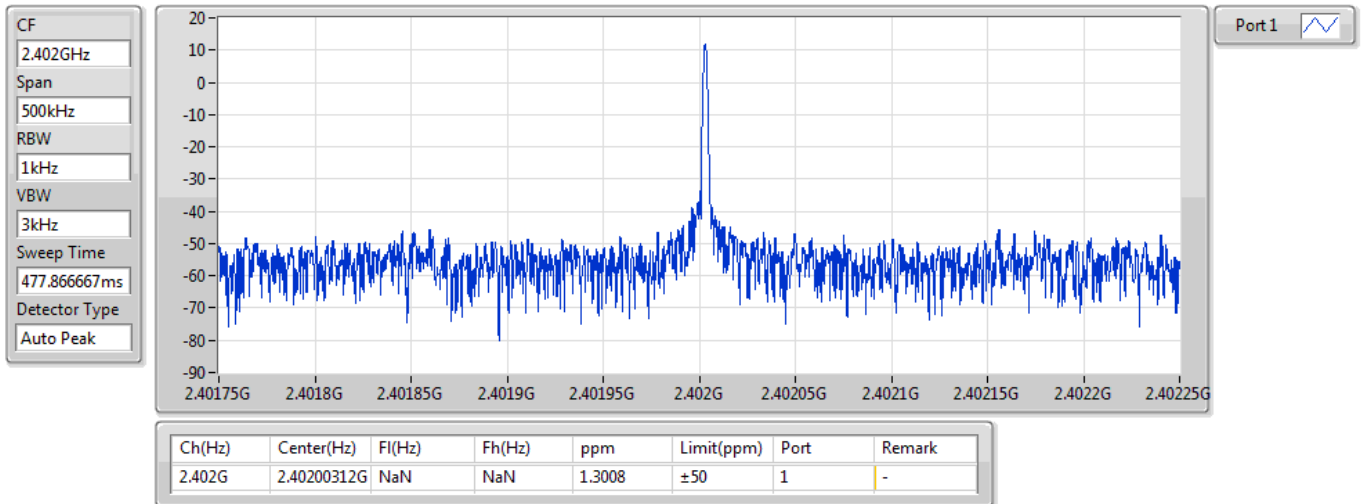




BT-BR(1Mbps)

Freq. Stability

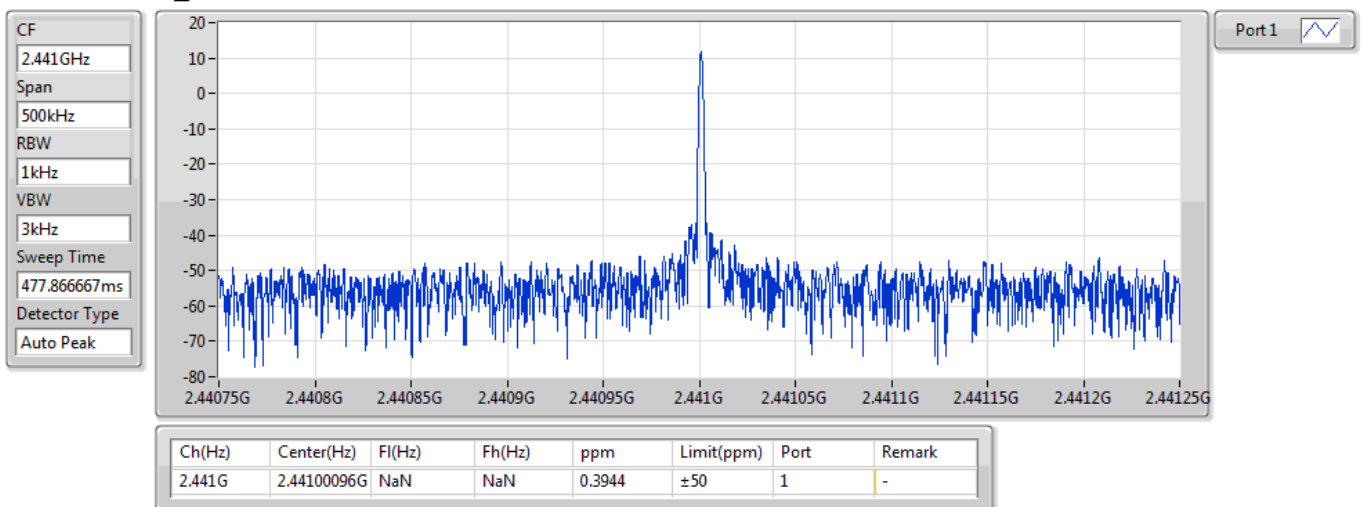
2402MHz_TnomVmax



BT-BR(1Mbps)

Freq. Stability

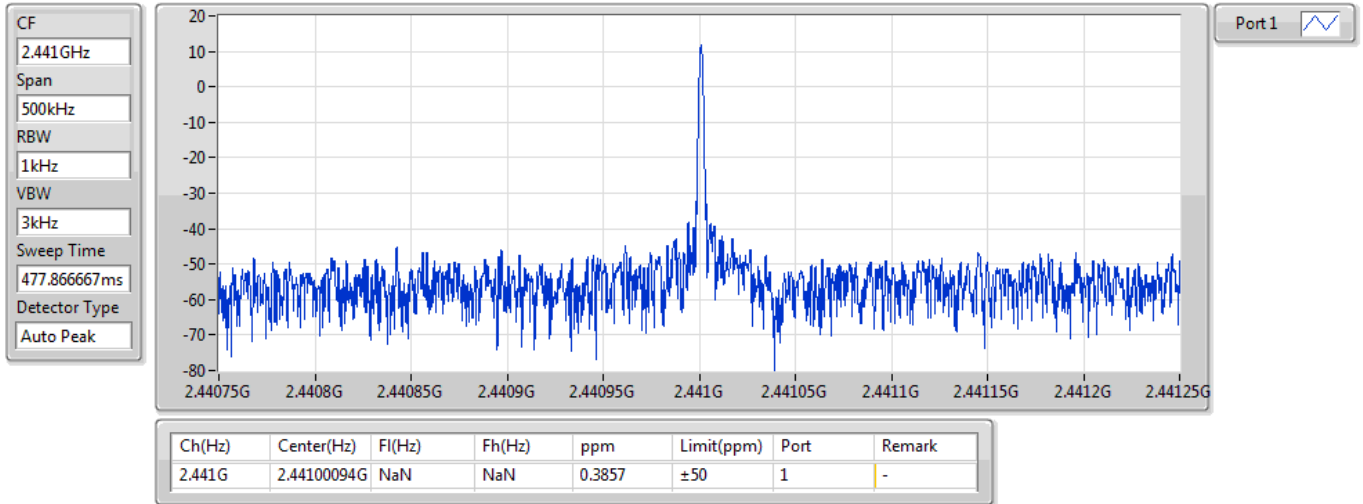
2441MHz_TnomVnom



BT-BR(1Mbps)

Freq. Stability

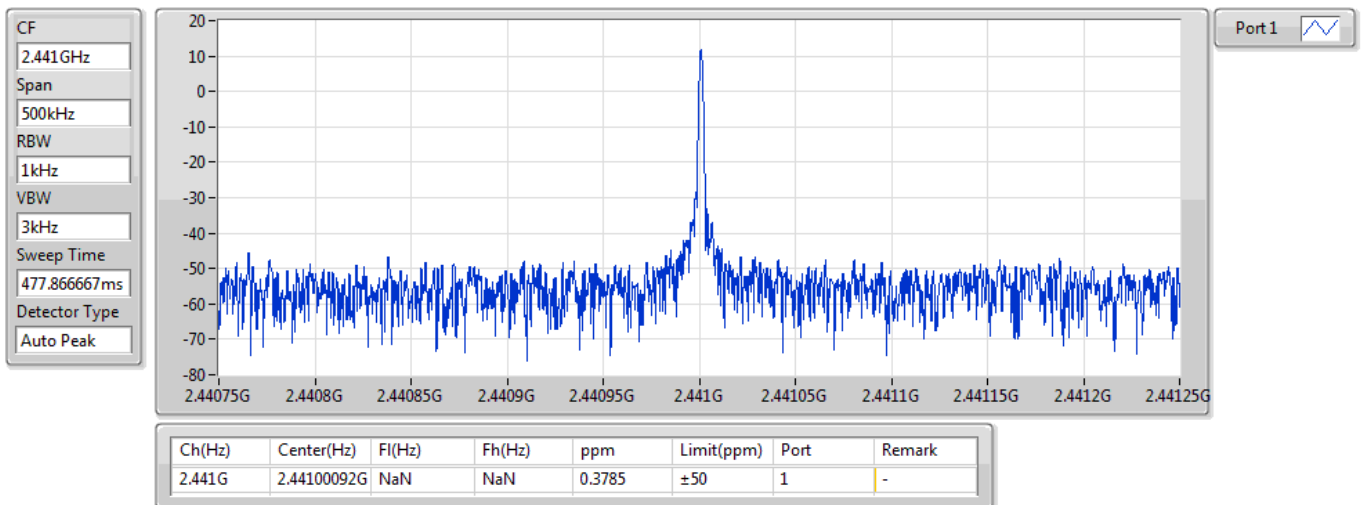
2441MHz_TnomVmin



BT-BR(1Mbps)

Freq. Stability

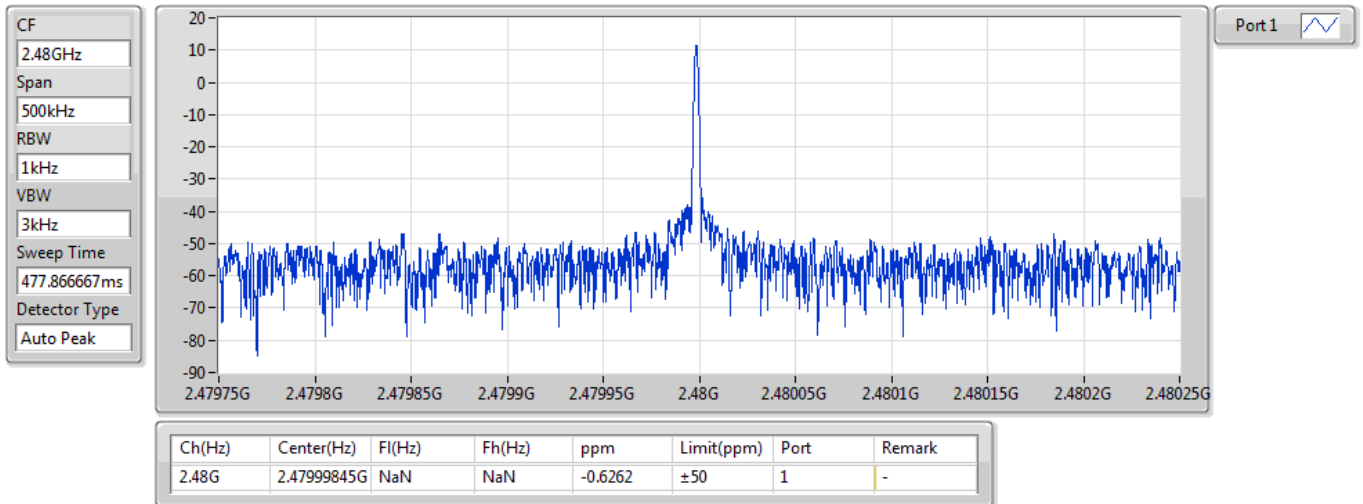
2441MHz_TnomVmax



BT-BR(1Mbps)

Freq. Stability

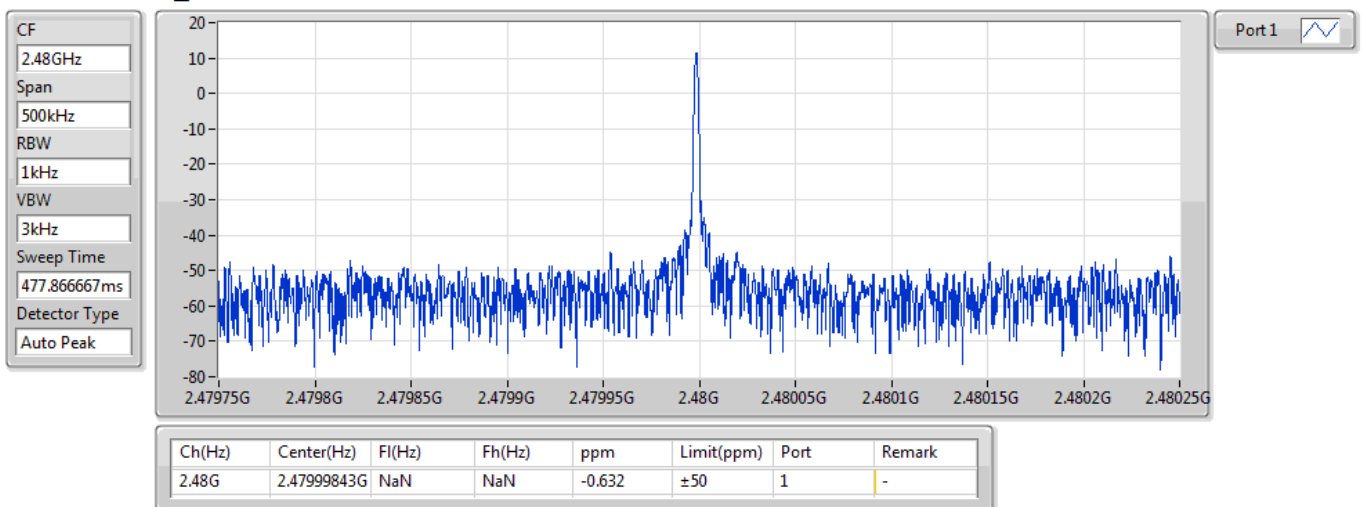
2480MHz_TnomVnom



BT-BR(1Mbps)

Freq. Stability

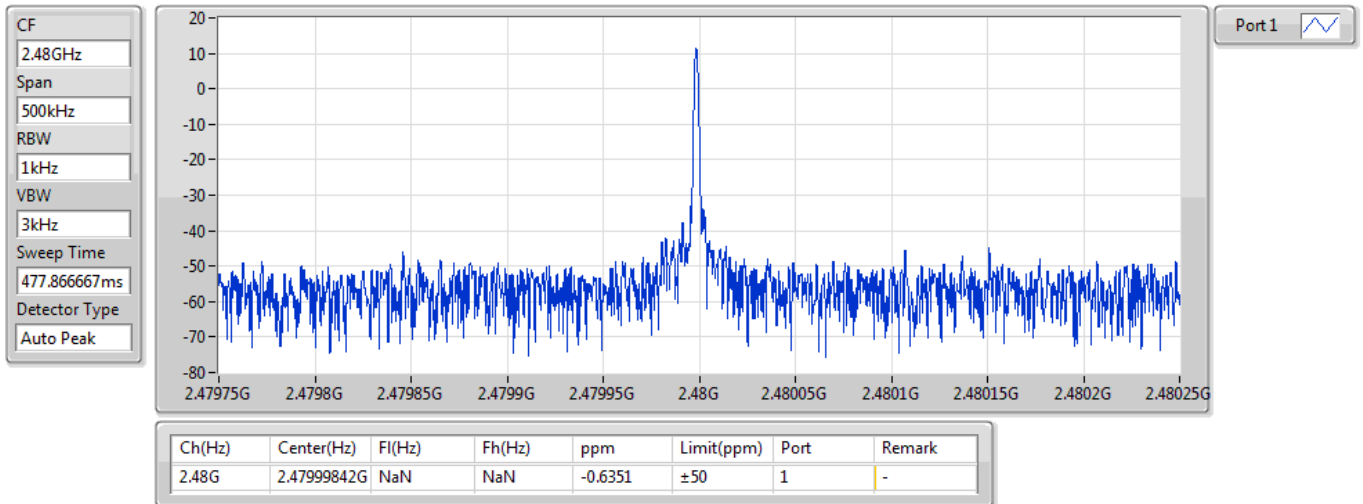
2480MHz_TnomVmin



BT-BR(1Mbps)

Freq. Stability

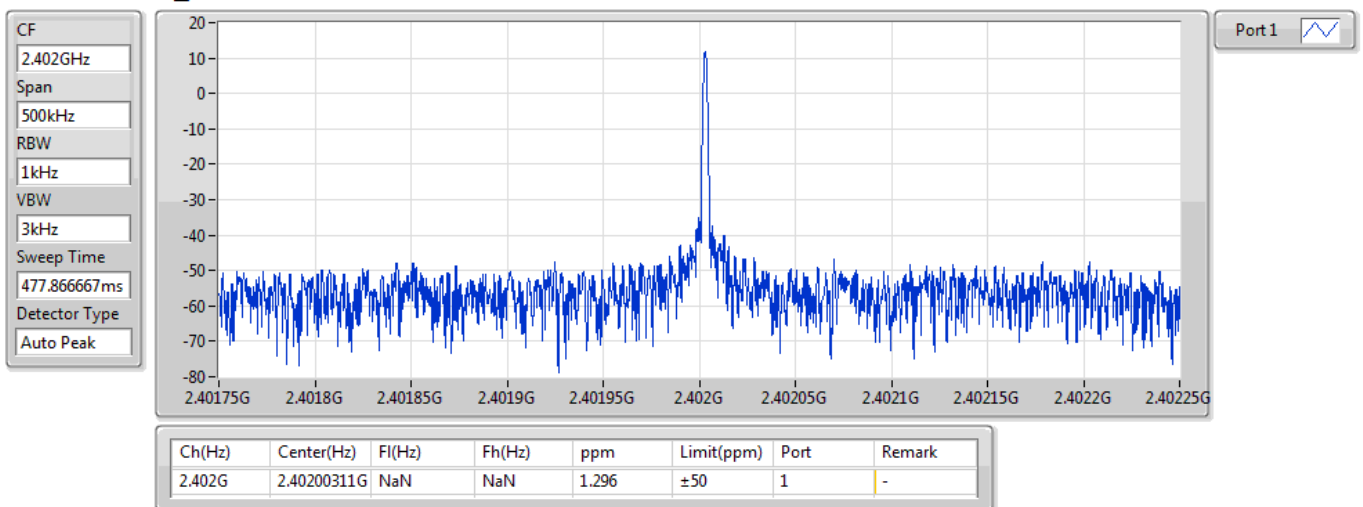
2480MHz_TnomVmax



BT-EDR(3Mbps)

Freq. Stability

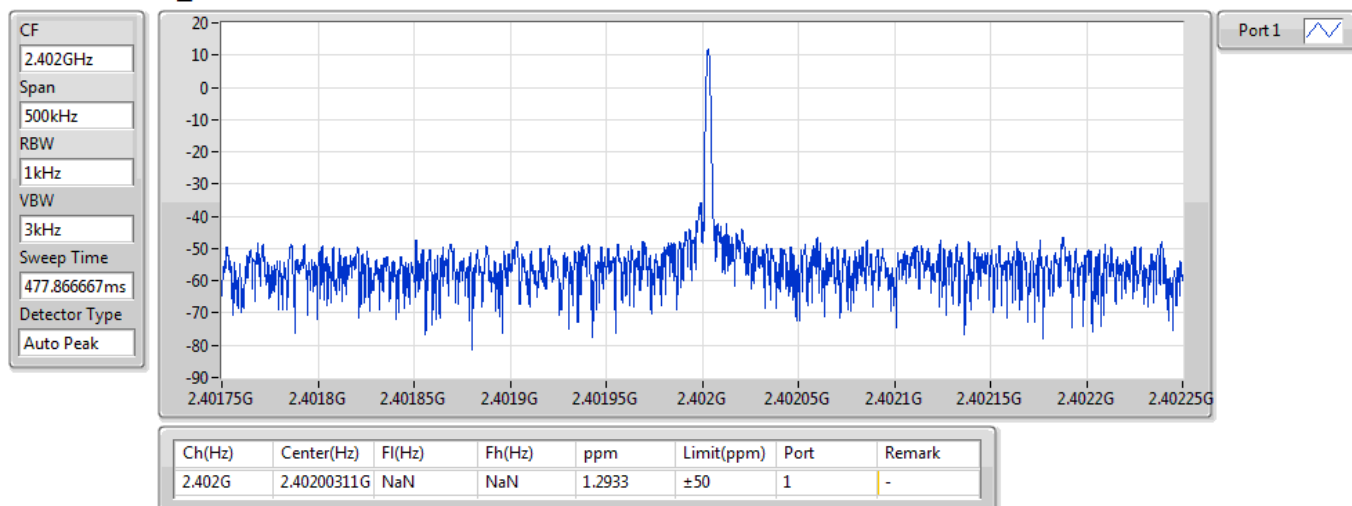
2402MHz_TnomVnom



BT-EDR(3Mbps)

Freq. Stability

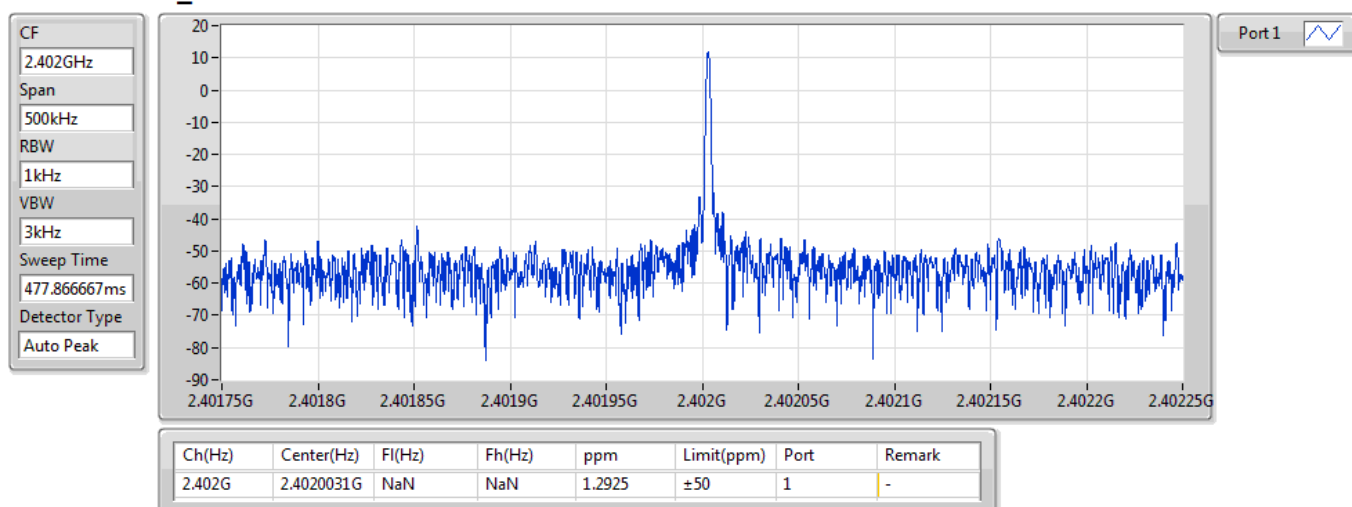
2402MHz_TnomVmin



BT-EDR(3Mbps)

Freq. Stability

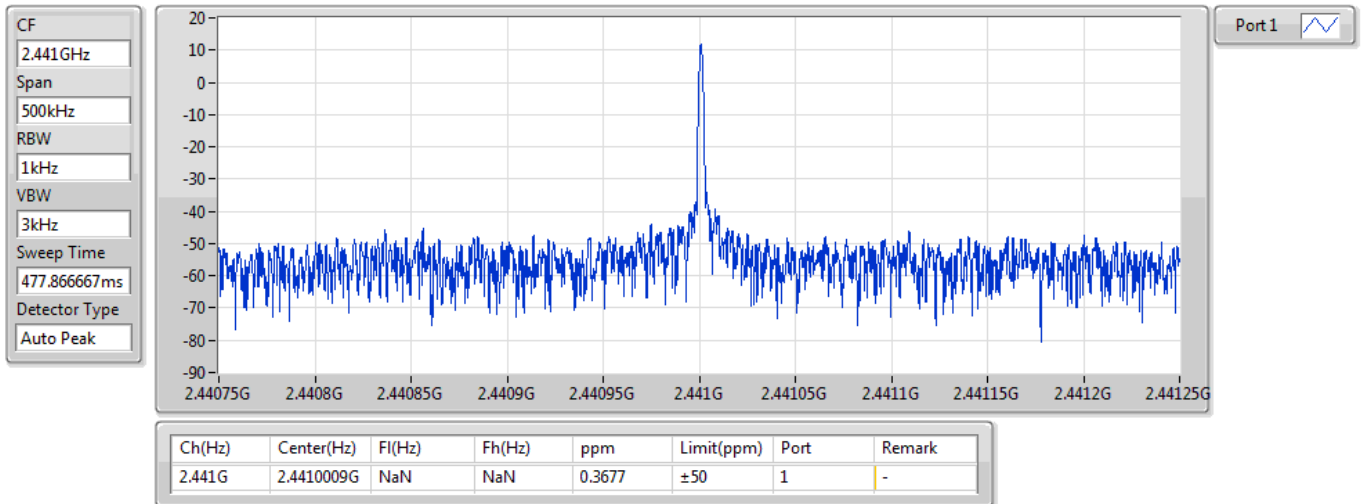
2402MHz_TnomVmax



BT-EDR(3Mbps)

Freq. Stability

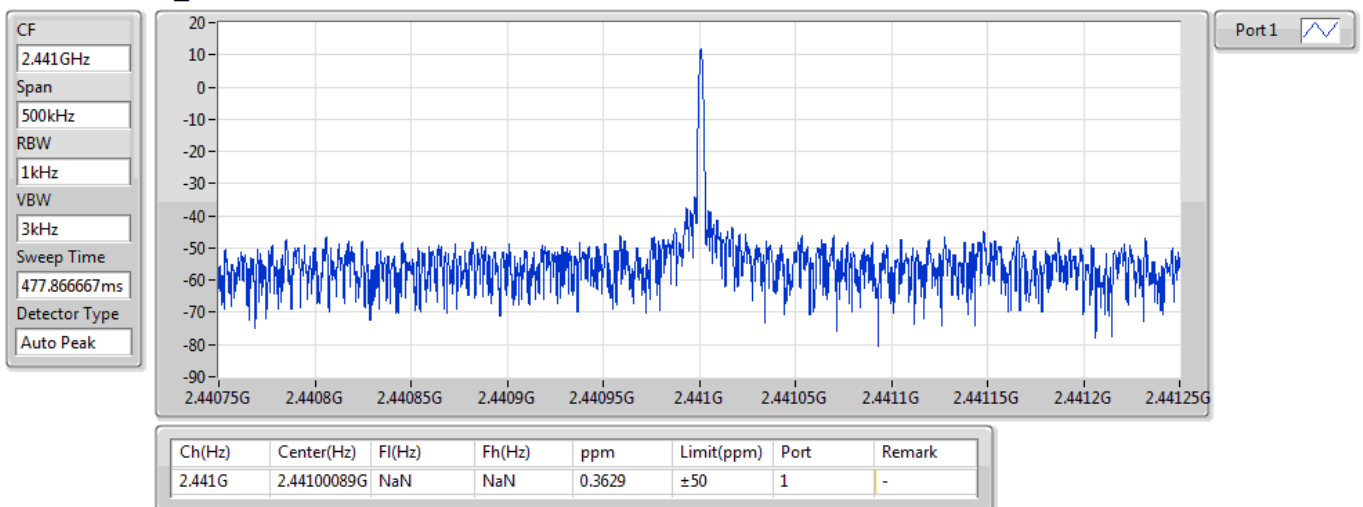
2441MHz_TnomVnom



BT-EDR(3Mbps)

Freq. Stability

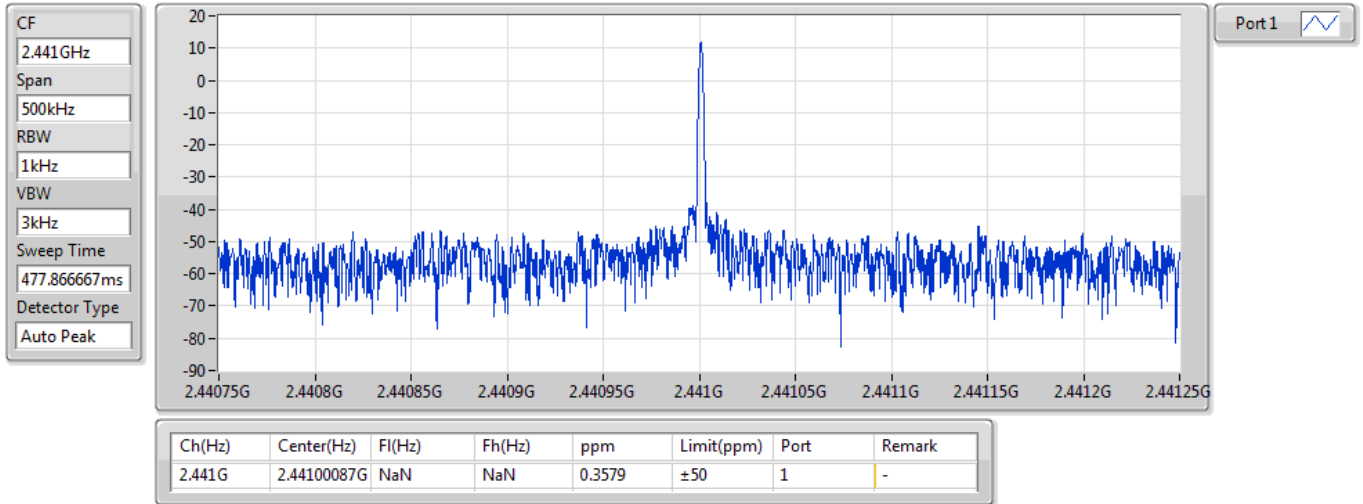
2441MHz_TnomVmin



BT-EDR(3Mbps)

Freq. Stability

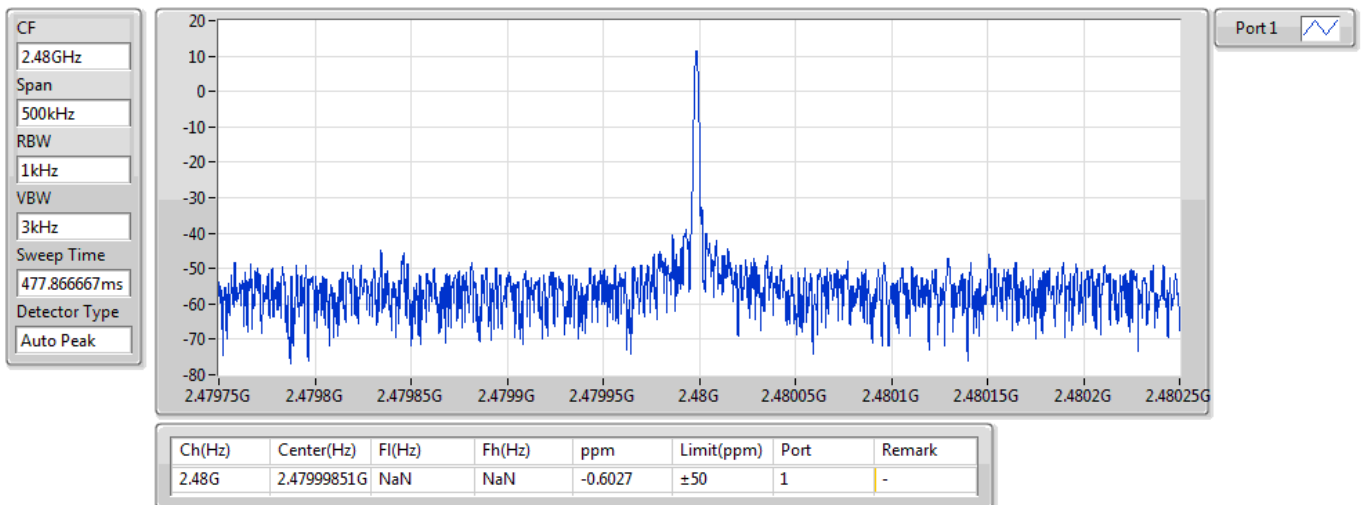
2441MHz_TnomVmax



BT-EDR(3Mbps)

Freq. Stability

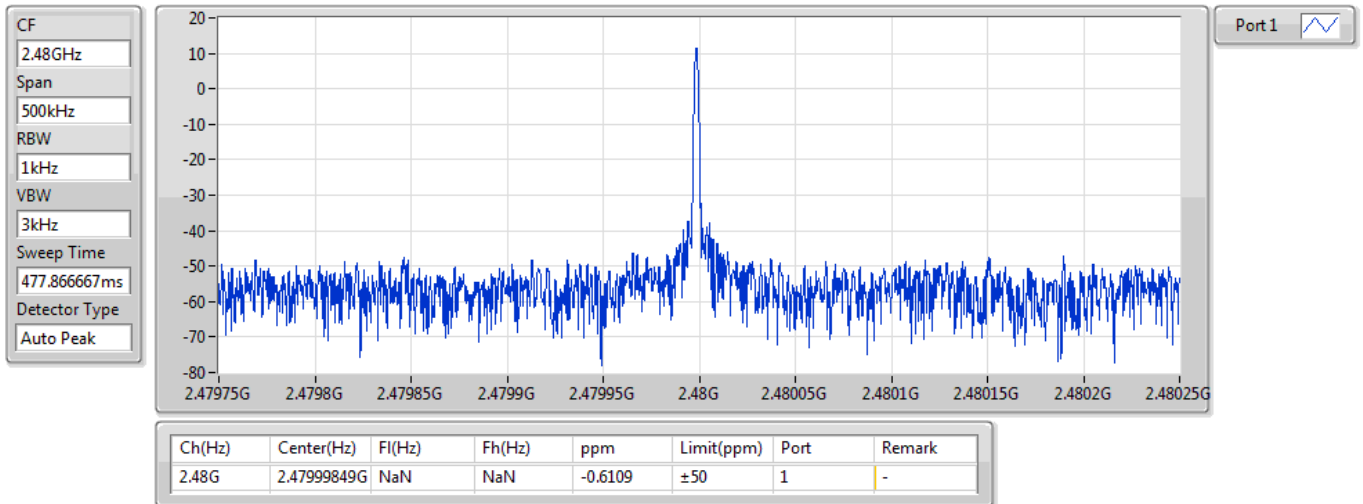
2480MHz_TnomVnom



BT-EDR(3Mbps)

Freq. Stability

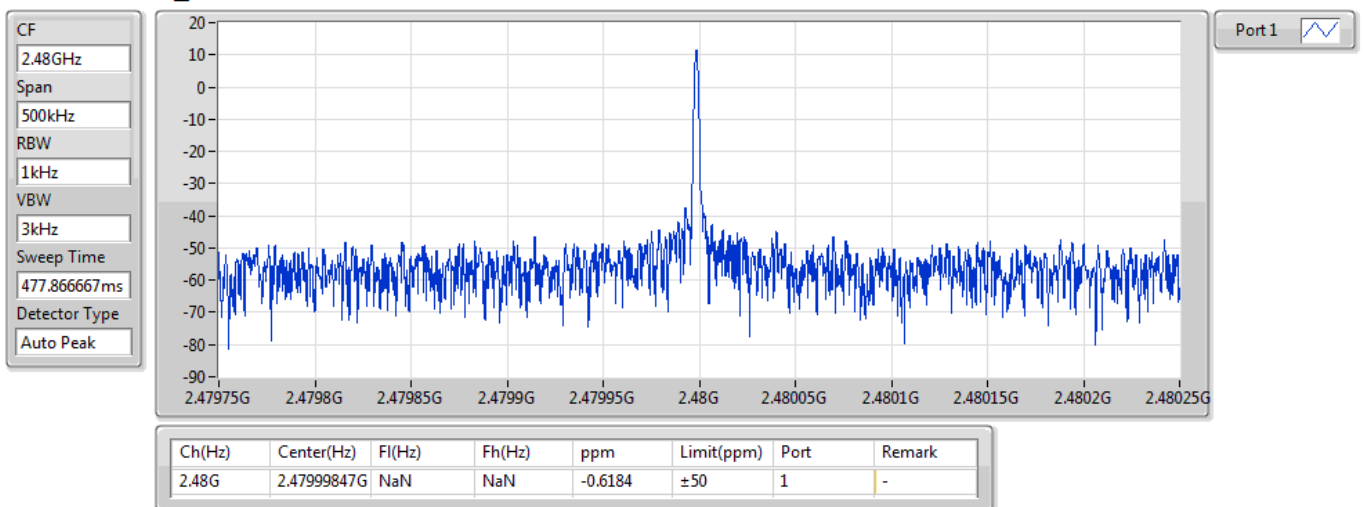
2480MHz_TnomVmin



BT-EDR(3Mbps)

Freq. Stability

2480MHz_TnomVmax



Summary

Mode	Max-OBW (Hz)	ITU-Code	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-
BT-BR(1Mbps)	78.561M	78M6F1D	78.561M
BT-EDR(3Mbps)	78.861M	78M9G1D	78.661M
BT-BR-AFH(1Mbps)	20.59M	20M6F1D	20.59M
BT-EDR-AFH(3Mbps)	20.79M	20M8G1D	20.79M

Max-OBW = Maximum 99% occupied bandwidth; Min-OBW = Minimum 99% occupied bandwidth

Result

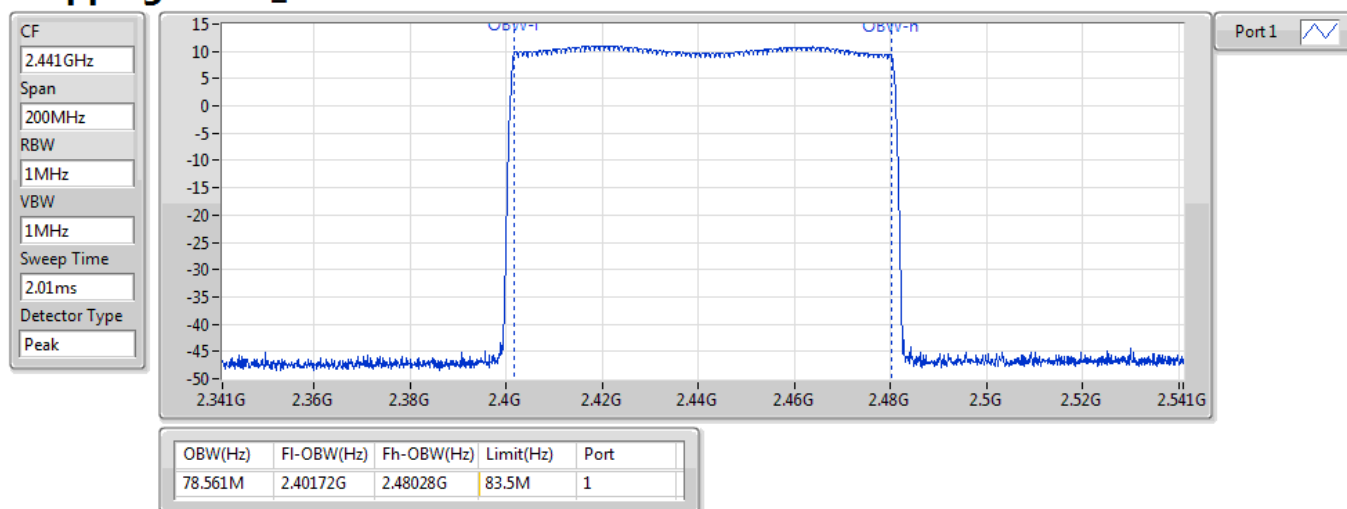
Mode	Result	Limit (Hz)	P1-OBW (Hz)
BT-BR(1Mbps)	-	-	-
Hopping Mode_TnomVnom	Pass	83.5M	78.561M
Hopping Mode_TnomVmin	Pass	83.5M	78.561M
Hopping Mode_TnomVmax	Pass	83.5M	78.561M
BT-EDR(3Mbps)	-	-	-
Hopping Mode_TnomVnom	Pass	83.5M	78.861M
Hopping Mode_TnomVmin	Pass	83.5M	78.661M
Hopping Mode_TnomVmax	Pass	83.5M	78.861M
BT-BR-AFH(1Mbps)	-	-	-
Hopping Mode_TnomVnom	Pass	83.5M	20.59M
Hopping Mode_TnomVmin	Pass	83.5M	20.59M
Hopping Mode_TnomVmax	Pass	83.5M	20.59M
BT-EDR-AFH(3Mbps)	-	-	-
Hopping Mode_TnomVnom	Pass	83.5M	20.79M
Hopping Mode_TnomVmin	Pass	83.5M	20.79M
Hopping Mode_TnomVmax	Pass	83.5M	20.79M

P1-OBW = Port 1 99% occupied bandwidth; P2-OBW = Port 2 99% occupied bandwidth; Pn-OBW = Port n 99% occupied bandwidth

BT-BR(1Mbps)

OBW

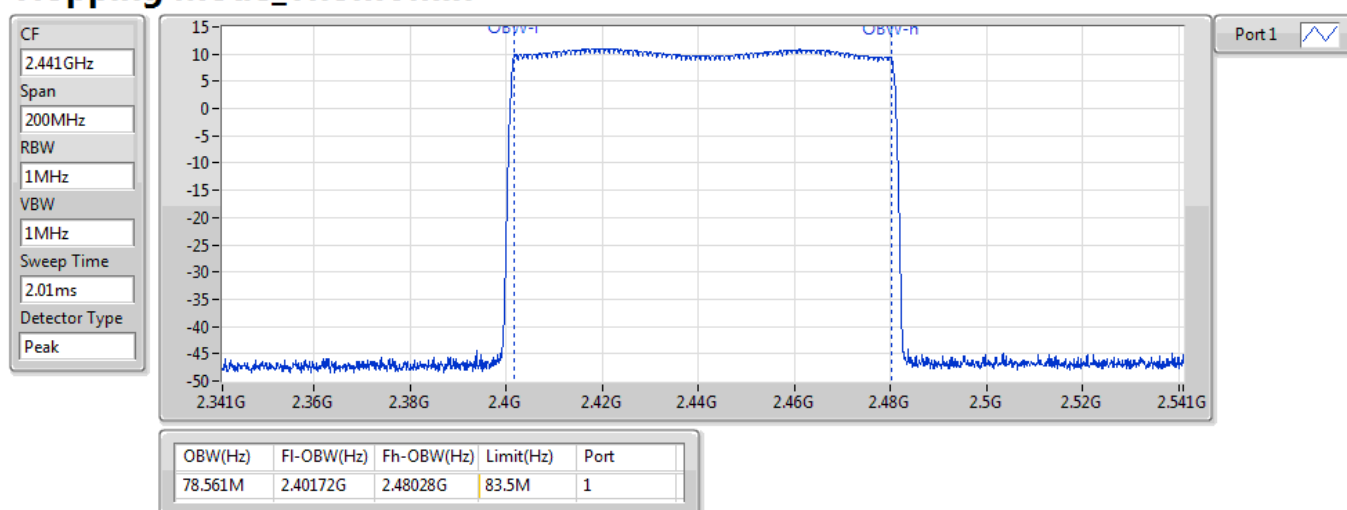
Hopping Mode_TnomVnom



BT-BR(1Mbps)

OBW

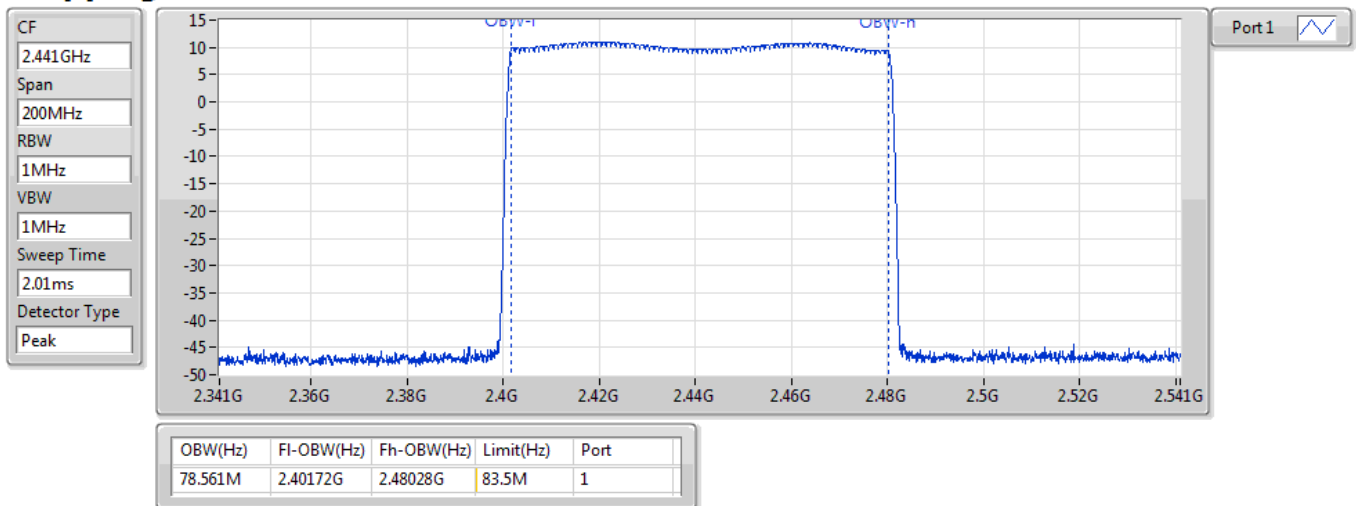
Hopping Mode_TnomVmin



BT-BR(1Mbps)

OBW

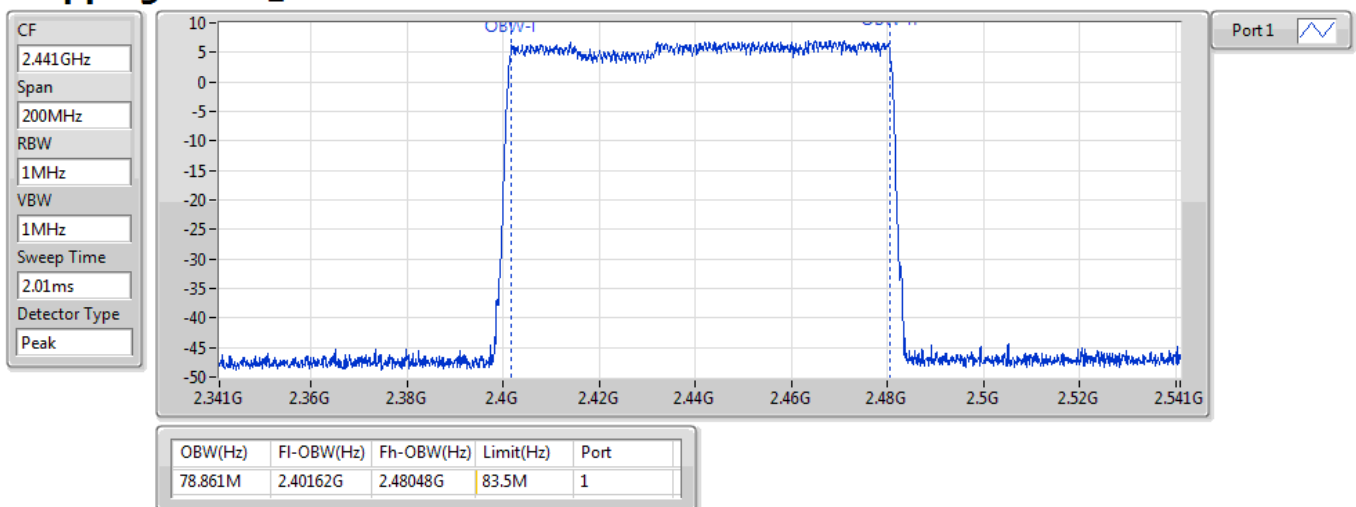
Hopping Mode_TnomVmax



BT-EDR(3Mbps)

OBW

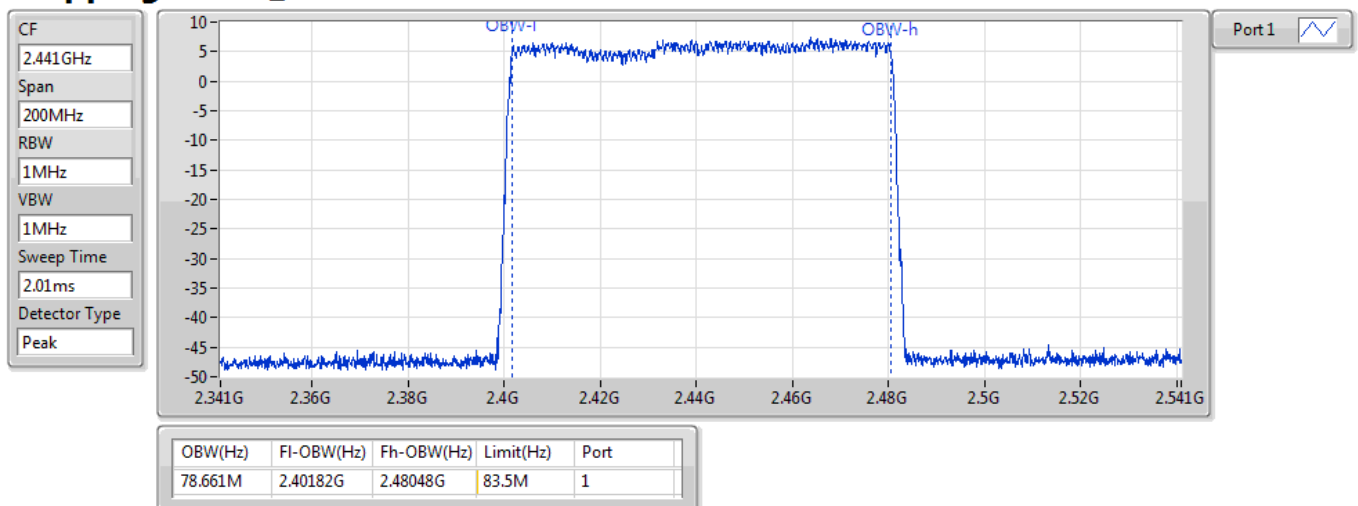
Hopping Mode_TnomVnom



BT-EDR(3Mbps)

OBW

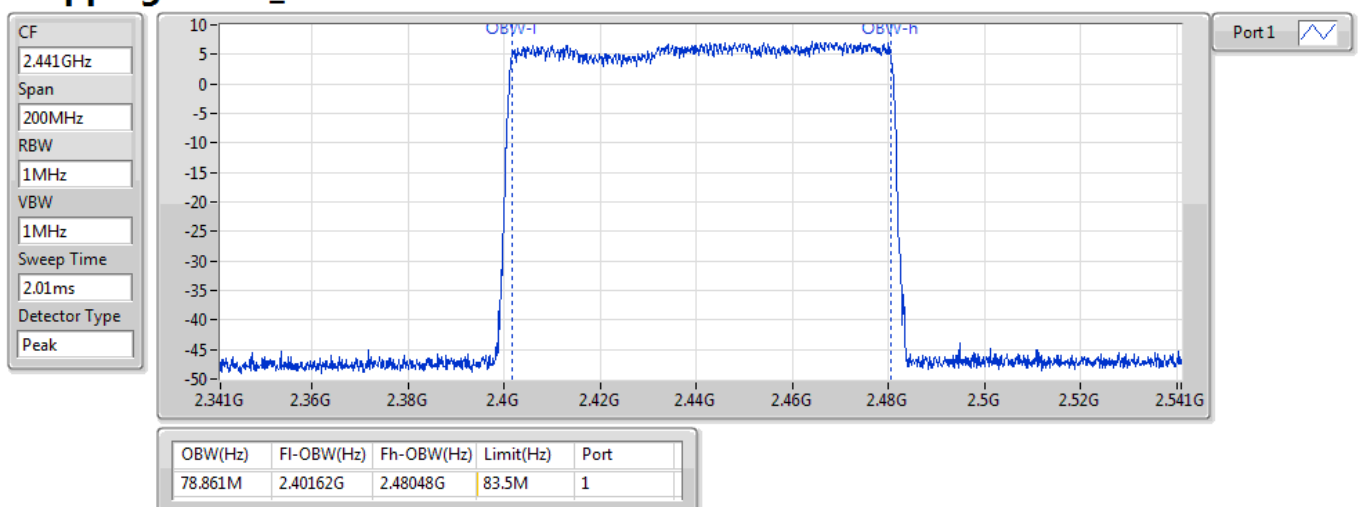
Hopping Mode_TnomVmin



BT-EDR(3Mbps)

OBW

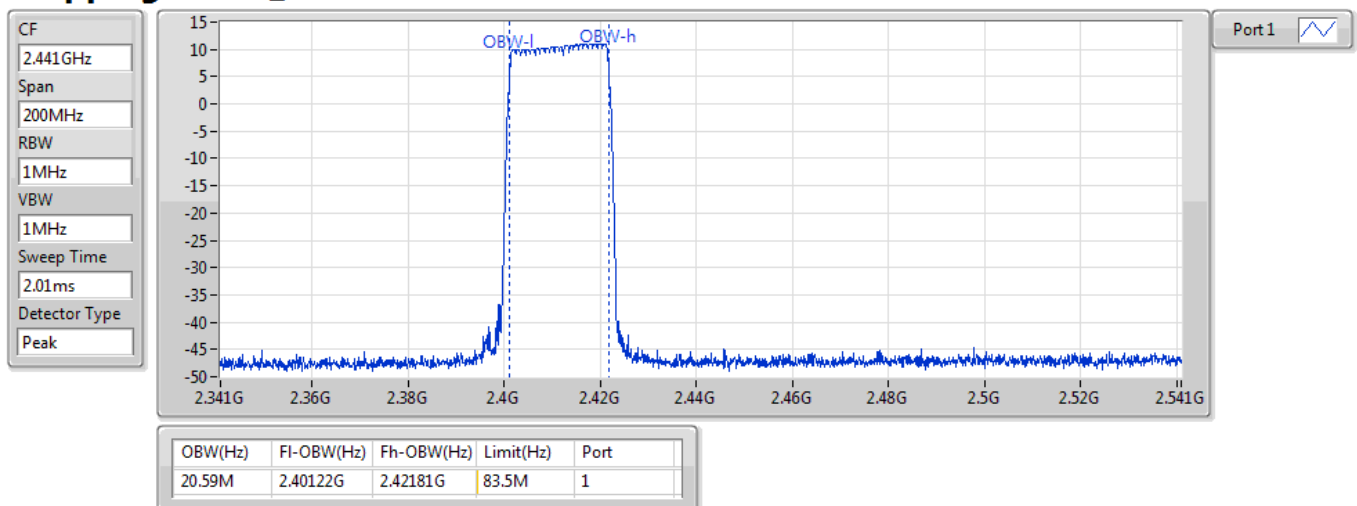
Hopping Mode_TnomVmax



BT-BR-AFH(1Mbps)

OBW

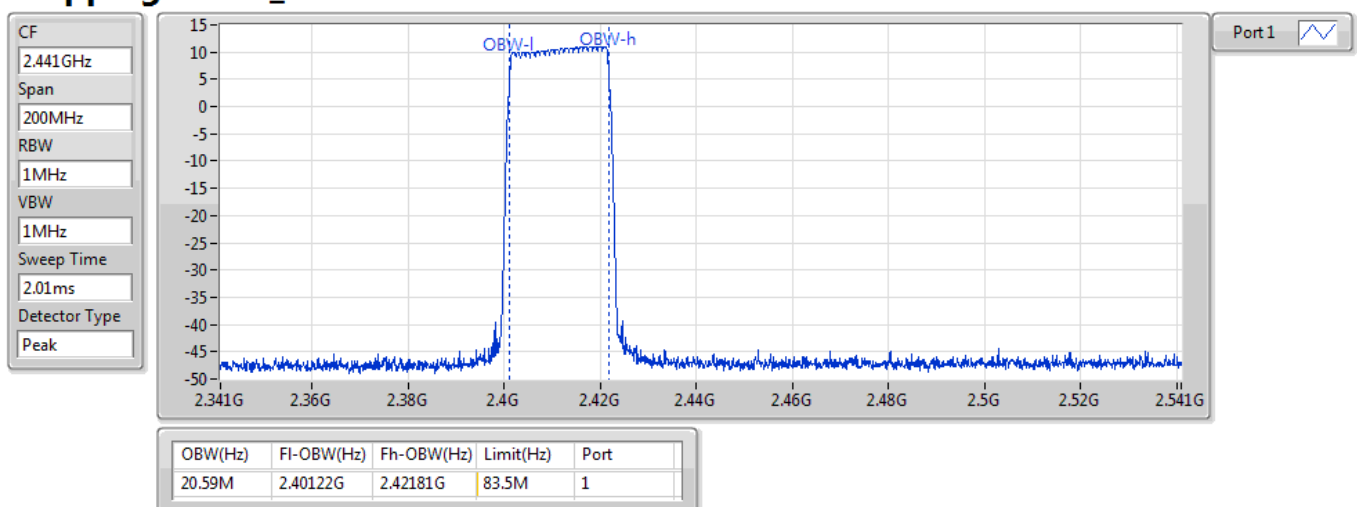
Hopping Mode_TnomVnom



BT-BR-AFH(1Mbps)

OBW

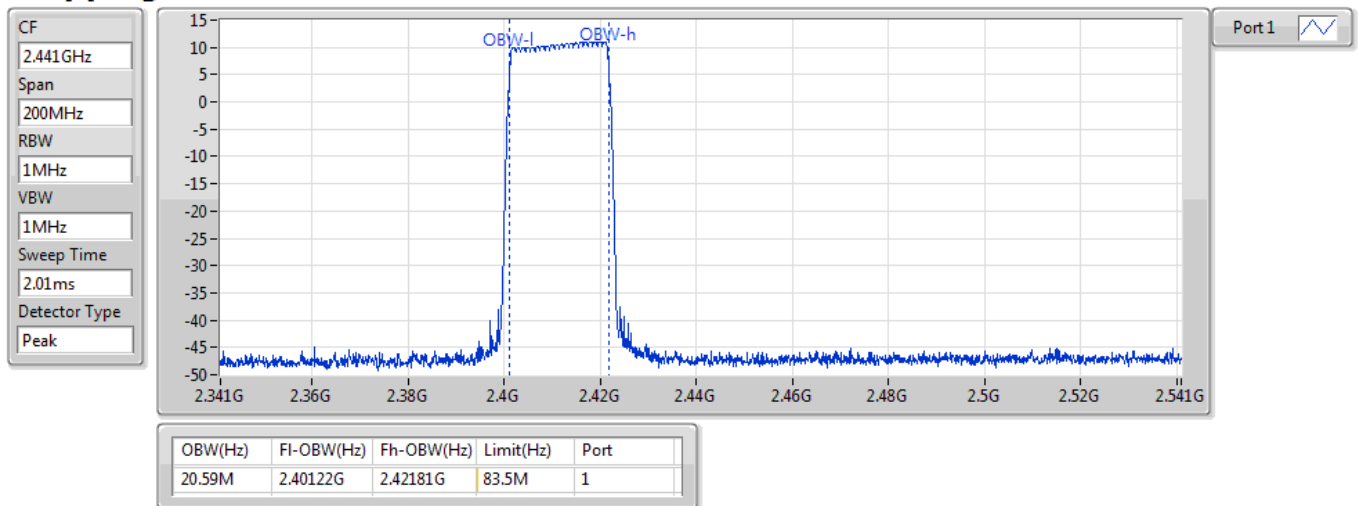
Hopping Mode_TnomVmin



BT-BR-AFH(1Mbps)

OBW

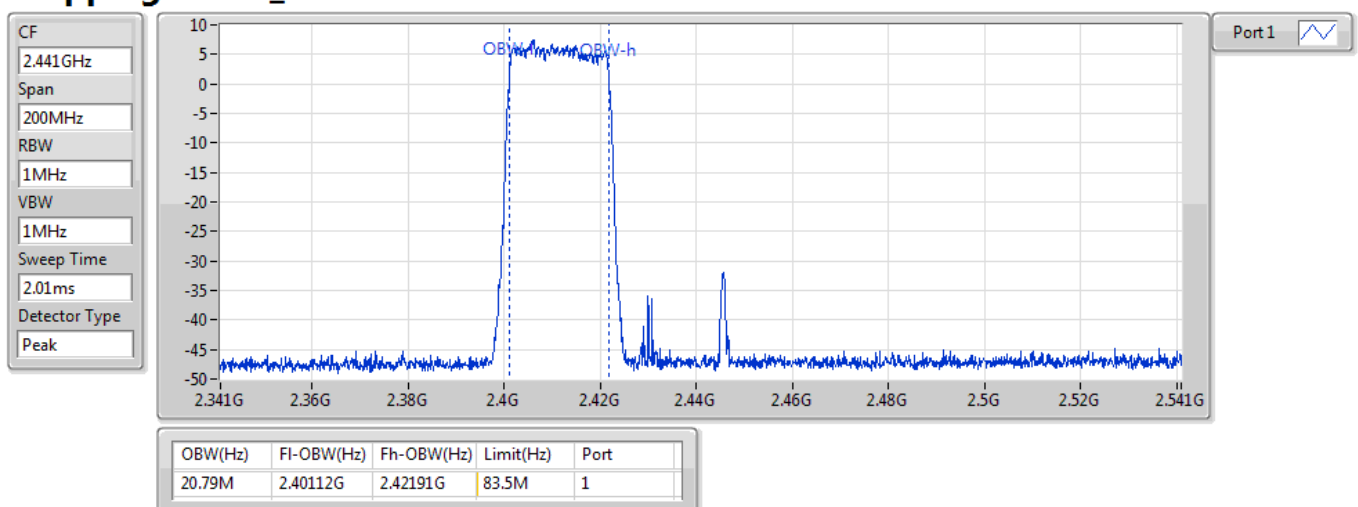
Hopping Mode_TnomVmax



BT-EDR-AFH(3Mbps)

OBW

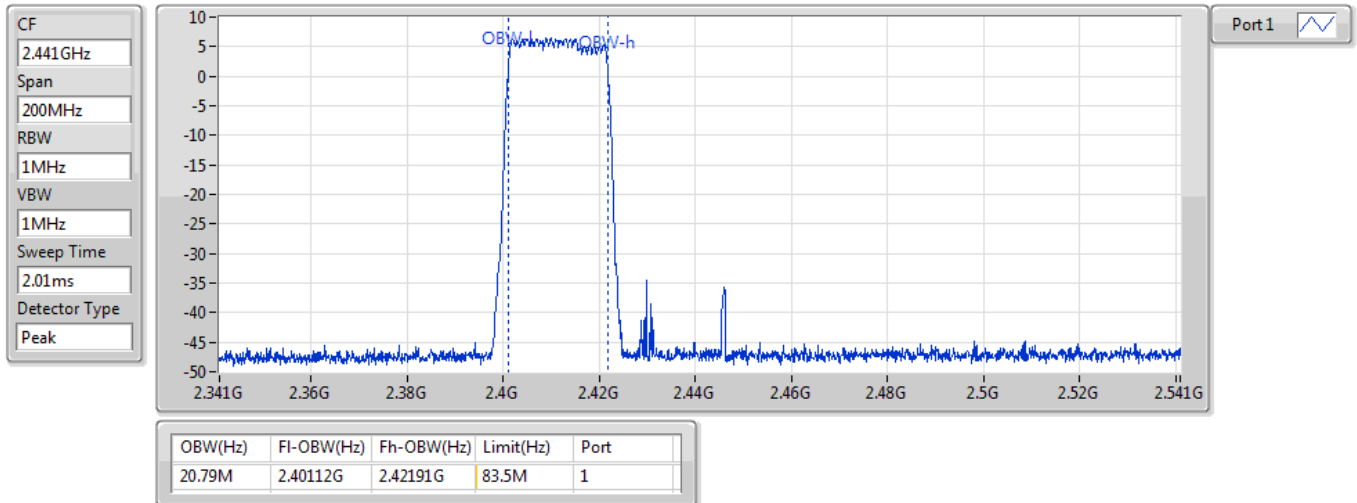
Hopping Mode_TnomVnom



BT-EDR-AFH(3Mbps)

OBW

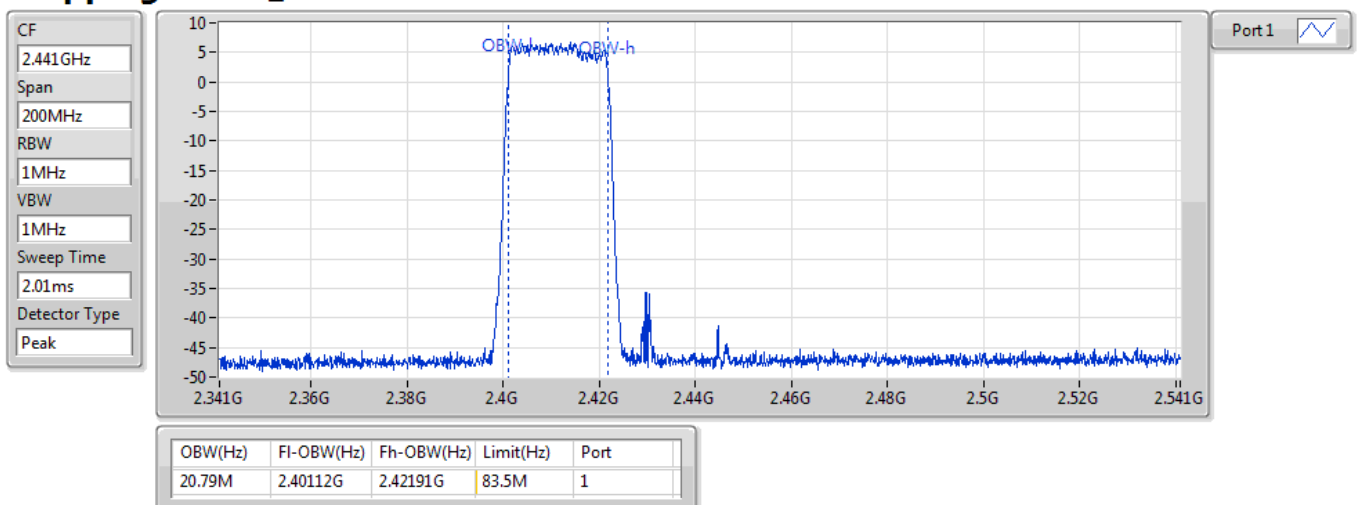
Hopping Mode_TnomVmin



BT-EDR-AFH(3Mbps)

OBW

Hopping Mode_TnomVmax



Summary

Mode	Max-SBW (Hz)	Min-SBW (Hz)	Max-SF	Min-SF
2.4-2.4835GHz	-	-	-	-
BT-BR(1Mbps)	70.365M	70.265M	70.365	70.265
BT-EDR(3Mbps)	71.764M	71.664M	71.764	71.664
BT-BR-AFH(1Mbps)	18.491M	18.491M	18.491	18.491
BT-EDR-AFH(3Mbps)	18.691M	18.691M	18.691	18.691

Max-SBW = Maximum spreading bandwidth; Min-SBW = Minimum spreading bandwidth;
Max-SF = Maximum spreading factor; Min-SF = Minimum spreading factor;

Result

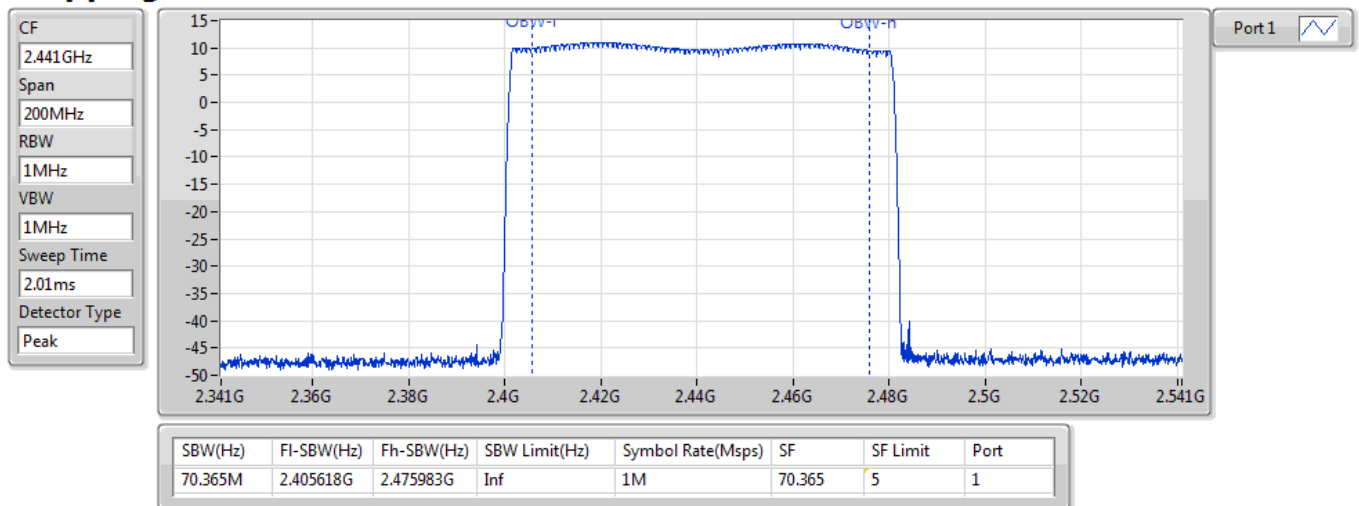
Mode	Result	SBW Limit (Hz)	Symbol Rate (Mps)	SF Limit	P1-SBW (Hz)	P1-SF
BT-BR(1Mbps)	-	-	-	-	-	-
Hopping Mode_TnomVnom	Pass	Inf	1M	5	70.365M	70.365
Hopping Mode_TnomVmin	Pass	Inf	1M	5	70.365M	70.365
Hopping Mode_TnomVmax	Pass	Inf	1M	5	70.265M	70.265
BT-EDR(3Mbps)	-	-	-	-	-	-
Hopping Mode_TnomVnom	Pass	Inf	1M	5	71.764M	71.764
Hopping Mode_TnomVmin	Pass	Inf	1M	5	71.664M	71.664
Hopping Mode_TnomVmax	Pass	Inf	1M	5	71.764M	71.764
BT-BR-AFH(1Mbps)	-	-	-	-	-	-
Hopping Mode_TnomVnom	Pass	Inf	1M	5	18.491M	18.491
Hopping Mode_TnomVmin	Pass	Inf	1M	5	18.491M	18.491
Hopping Mode_TnomVmax	Pass	Inf	1M	5	18.491M	18.491
BT-EDR-AFH(3Mbps)	-	-	-	-	-	-
Hopping Mode_TnomVnom	Pass	Inf	1M	5	18.691M	18.691
Hopping Mode_TnomVmin	Pass	Inf	1M	5	18.691M	18.691
Hopping Mode_TnomVmax	Pass	Inf	1M	5	18.691M	18.691

P1-SBW = Port 1 spreading bandwidth; P2-SBW = Port 2 spreading bandwidth; Pn-SBW = Port n spreading bandwidth;
P1-SF = Port 1 spreading factor; P2-SF = Port 2 spreading factor; Pn-SF = Port n spreading factor;

BT-BR(1Mbps)

SBW

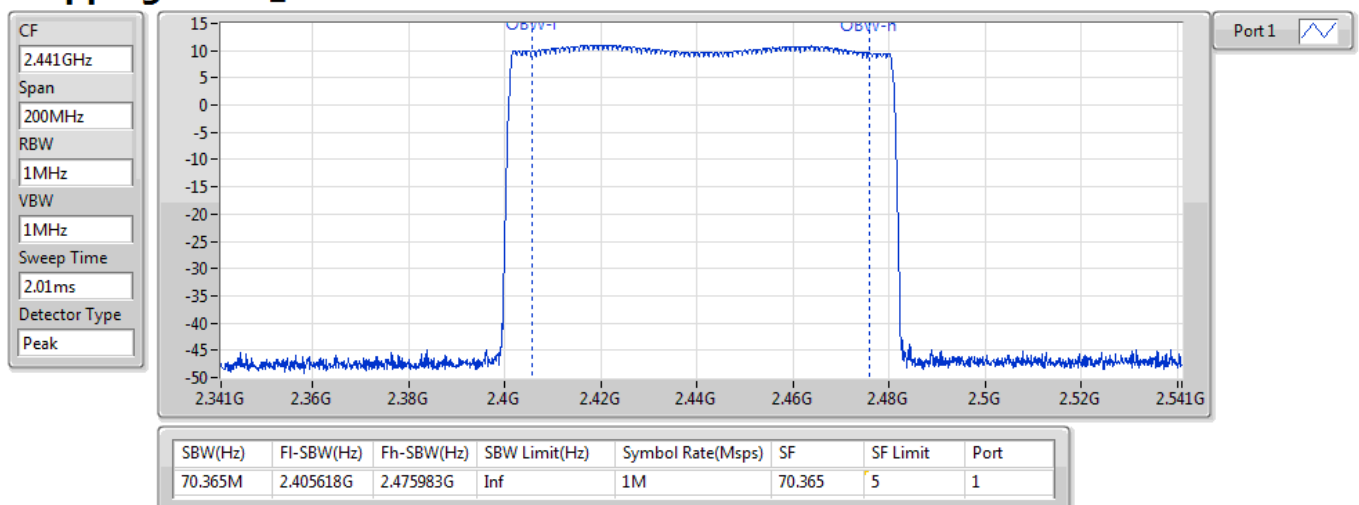
Hopping Mode_TnomVnom



BT-BR(1Mbps)

SBW

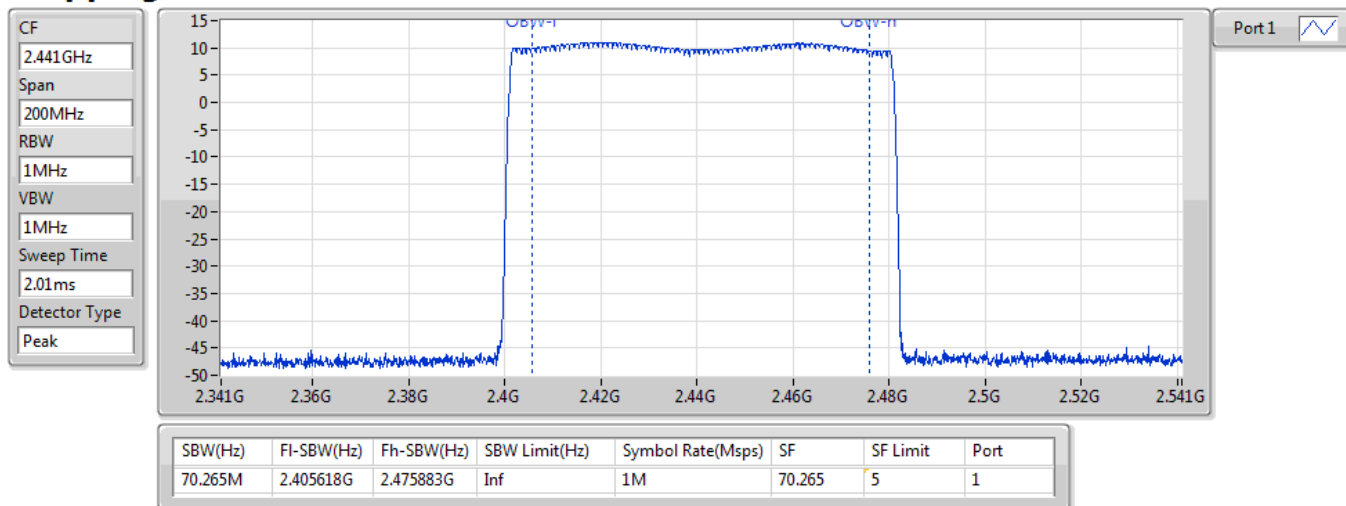
Hopping Mode_TnomVmin



BT-BR(1Mbps)

SBW

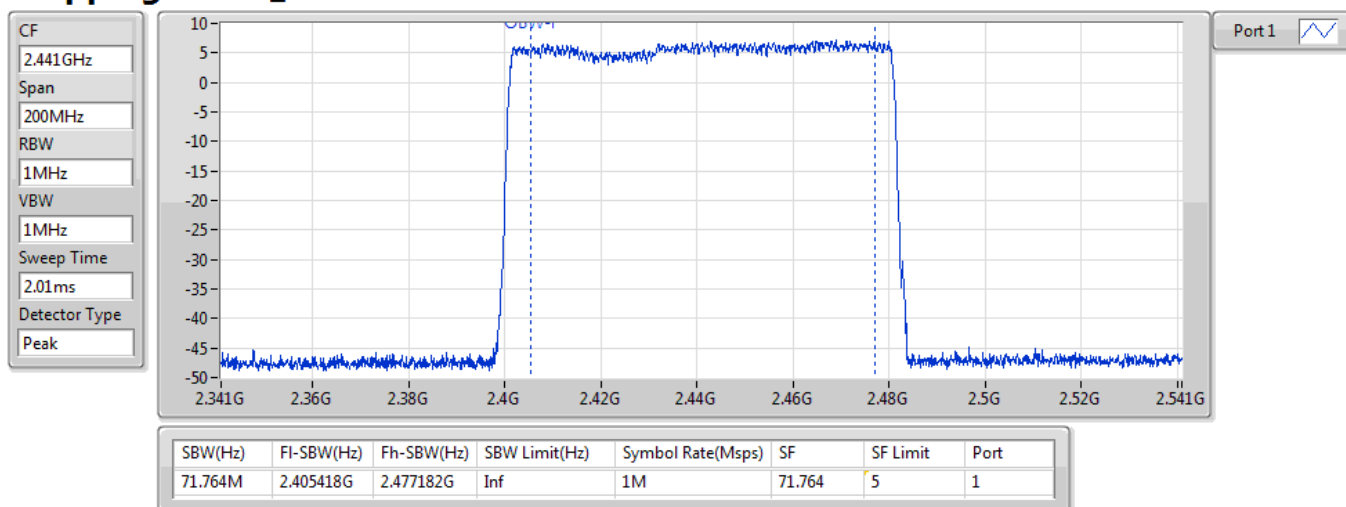
Hopping Mode_TnomVmax



BT-EDR(3Mbps)

SBW

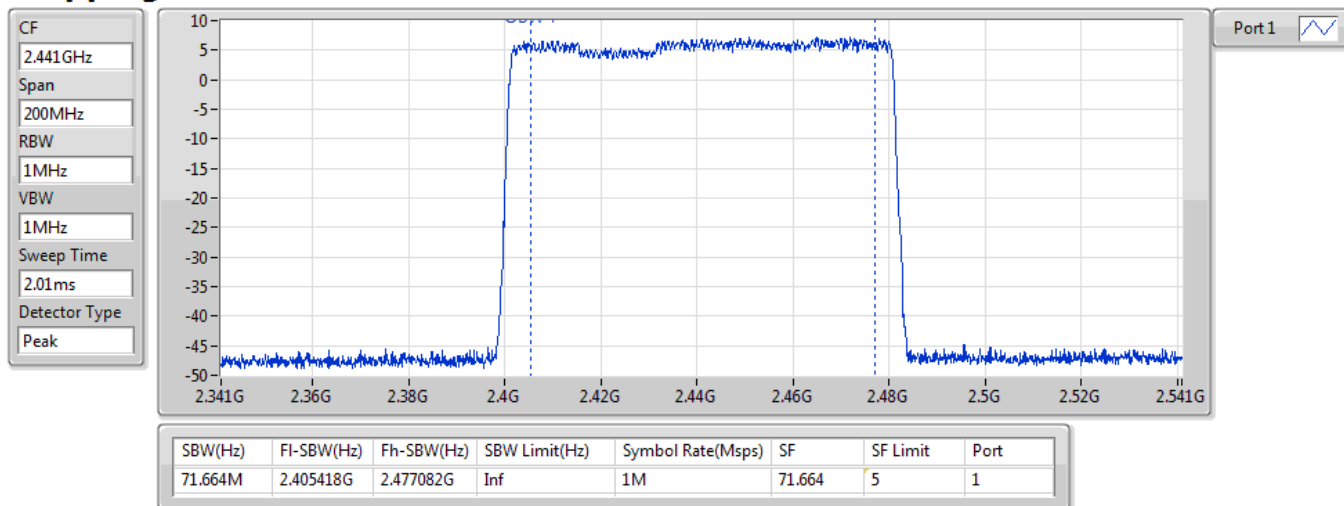
Hopping Mode_TnomVnom



BT-EDR(3Mbps)

SBW

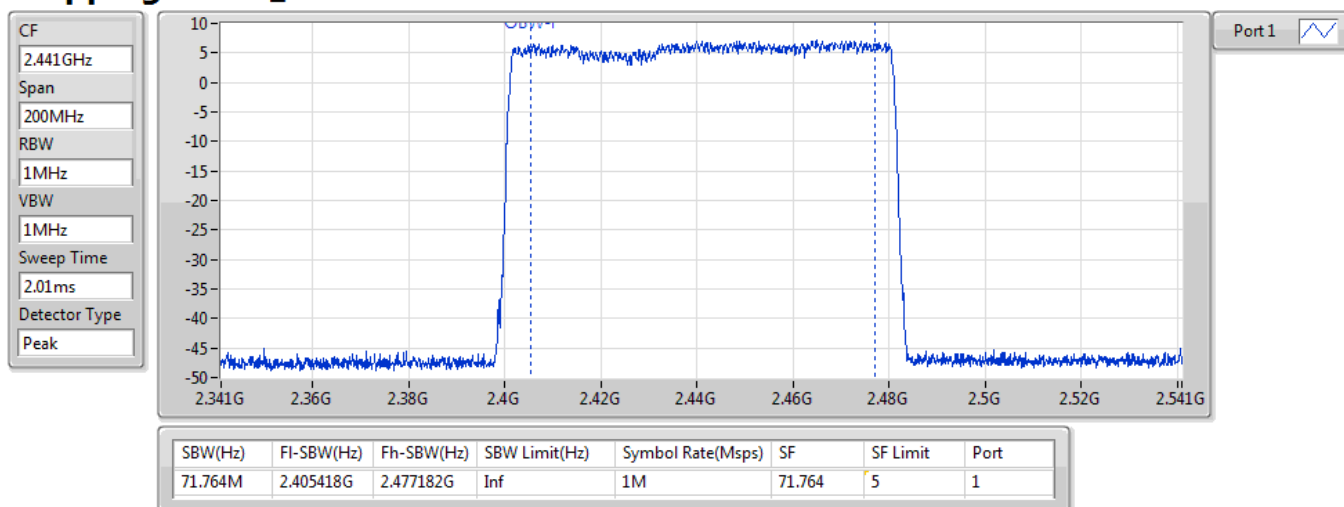
Hopping Mode_TnomVmin



BT-EDR(3Mbps)

SBW

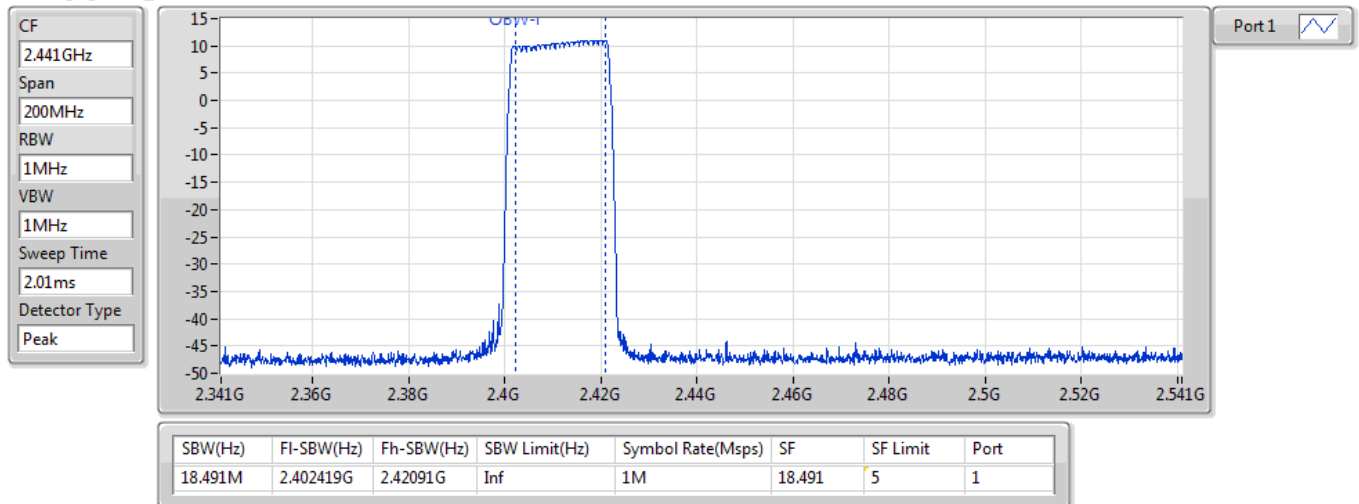
Hopping Mode_TnomVmax



BT-BR-AFH(1Mbps)

SBW

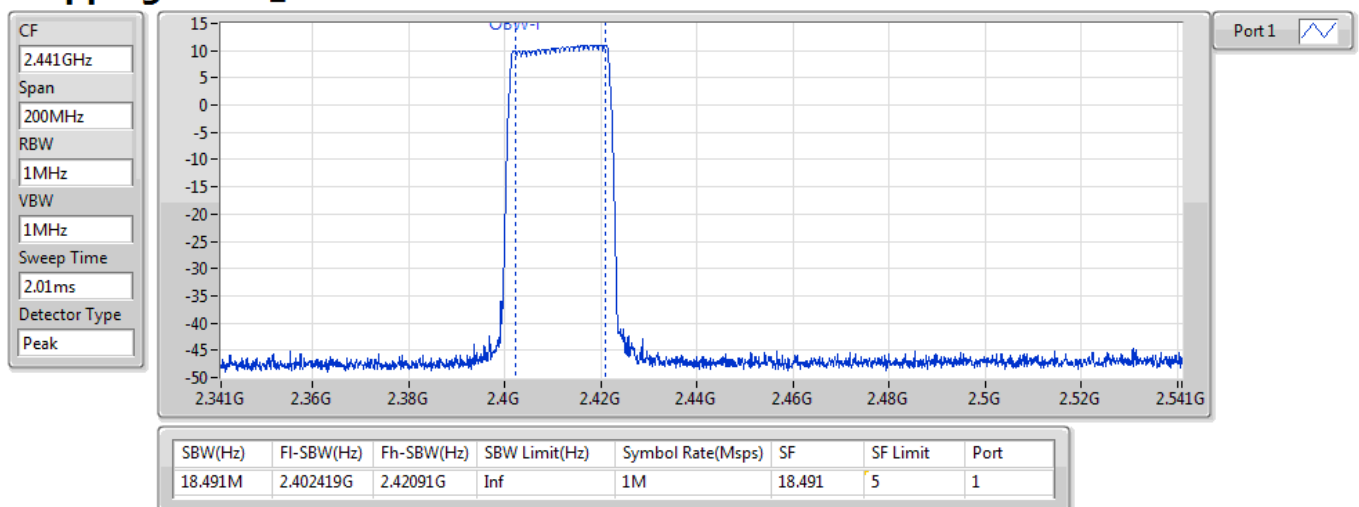
Hopping Mode_TnomVnom



BT-BR-AFH(1Mbps)

SBW

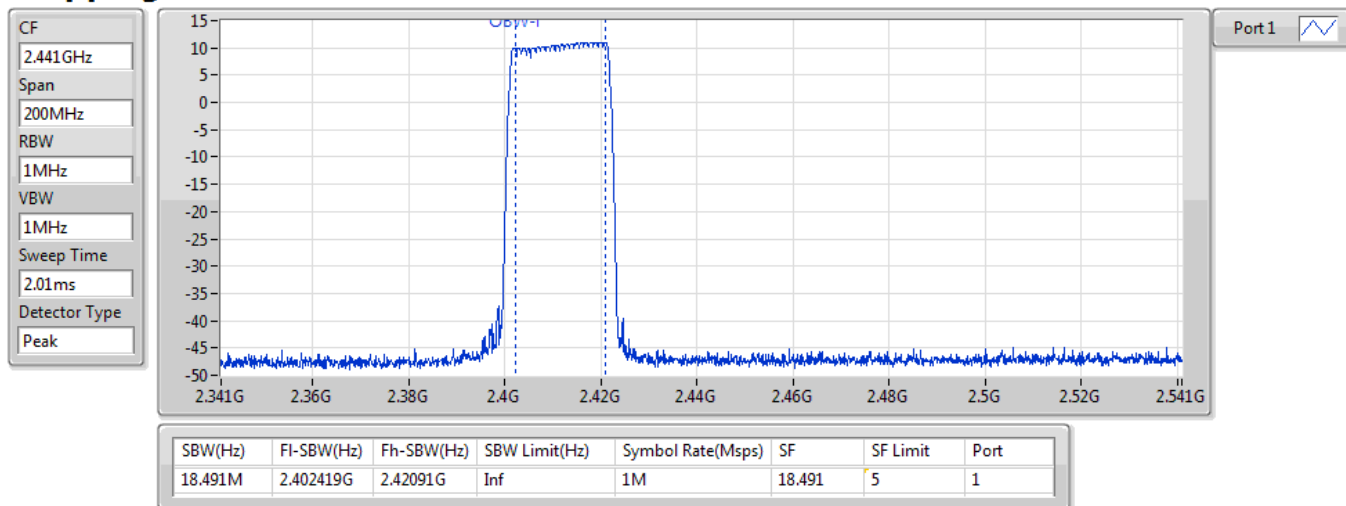
Hopping Mode_TnomVmin



BT-BR-AFH(1Mbps)

SBW

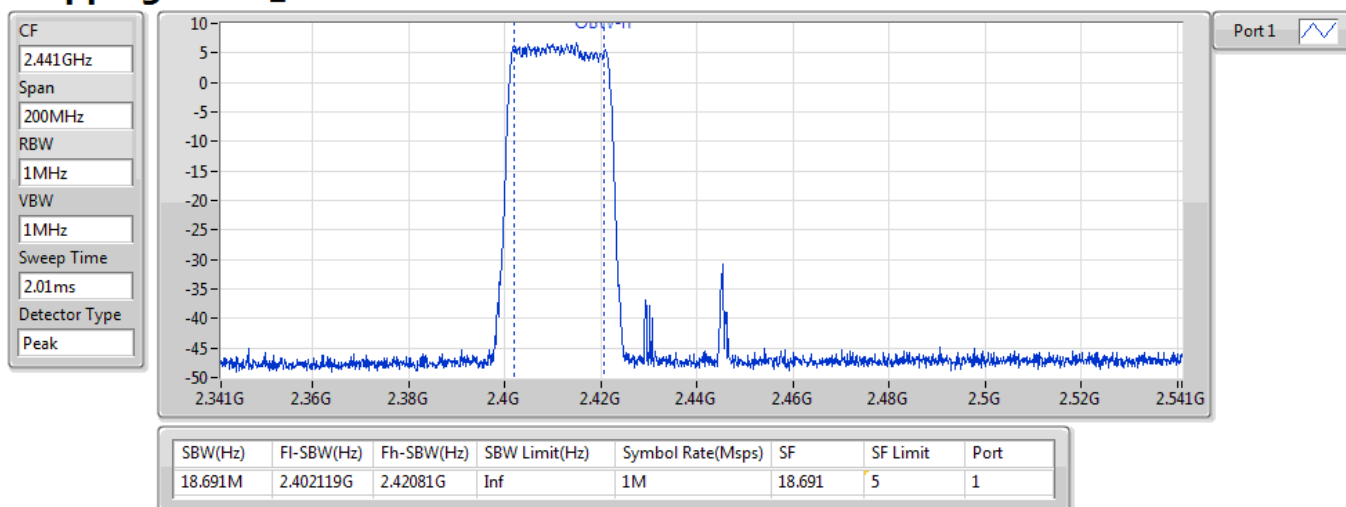
Hopping Mode_TnomVmax



BT-EDR-AFH(3Mbps)

SBW

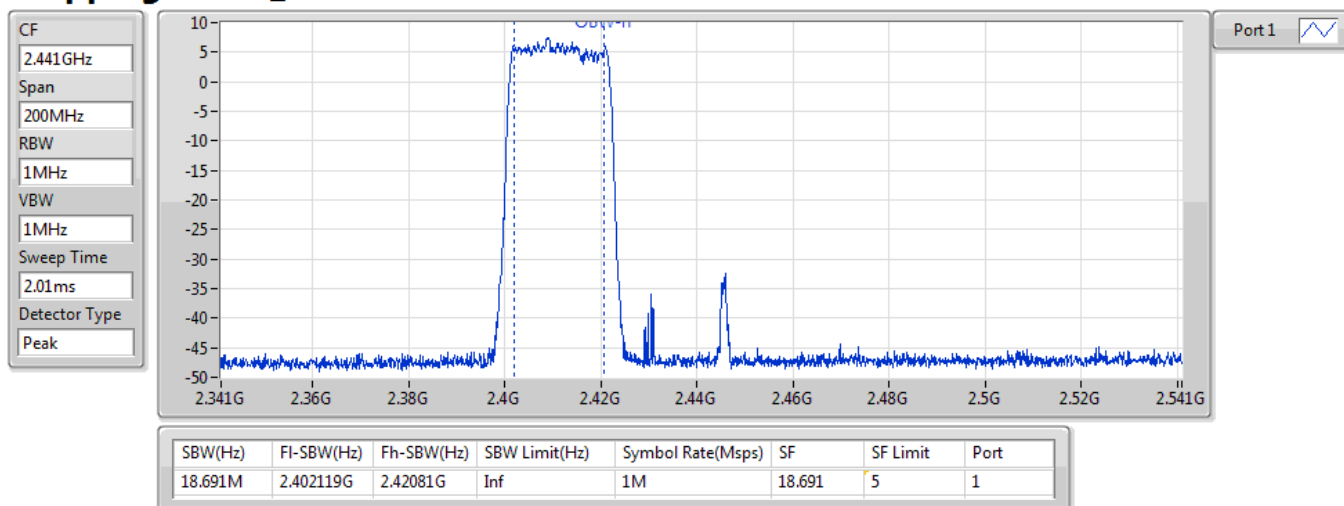
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BT-EDR-AFH(3Mbps)

SBW

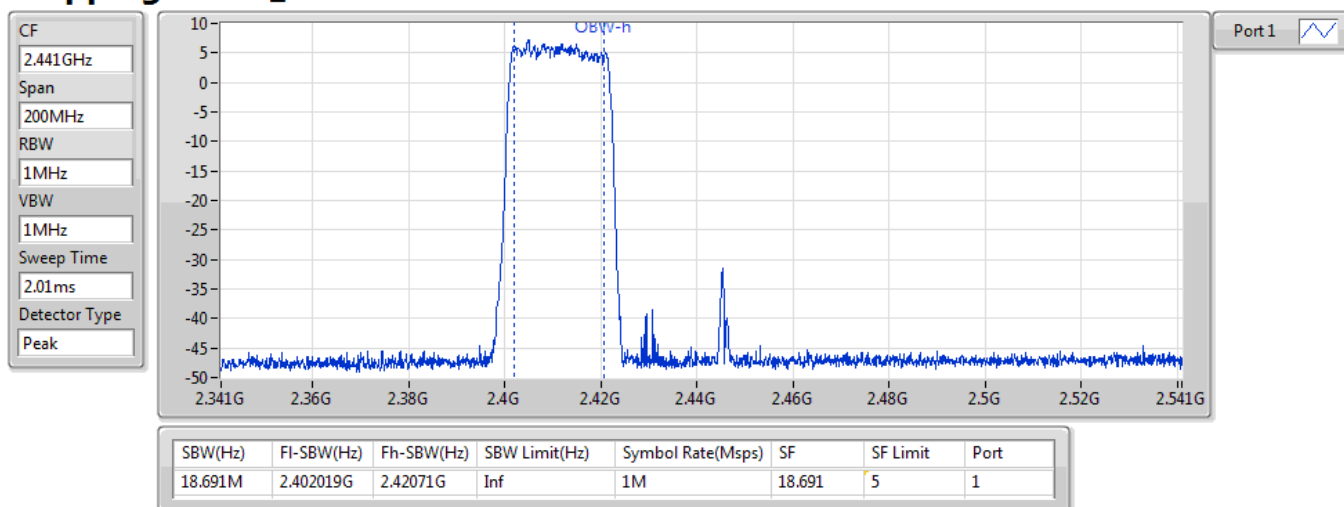
Hopping Mode_TnomVmin



BT-EDR-AFH(3Mbps)

SBW

Hopping Mode_TnomVmax





Summary

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	Freq (Hz)	Psum (dBm/MHz)	Psum (uW/MHz)	Limit (dBm/MHz)	Limit (uW/MHz)
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-
BT-BR(1Mbps)	Pass	2.387G	2.4G	1M	2.4G	-29.03	1.25026	-16.02	25
BT-EDR(3Mbps)	Pass	2.387G	2.4G	1M	2.39999G	-20.42	9.07821	-16.02	25

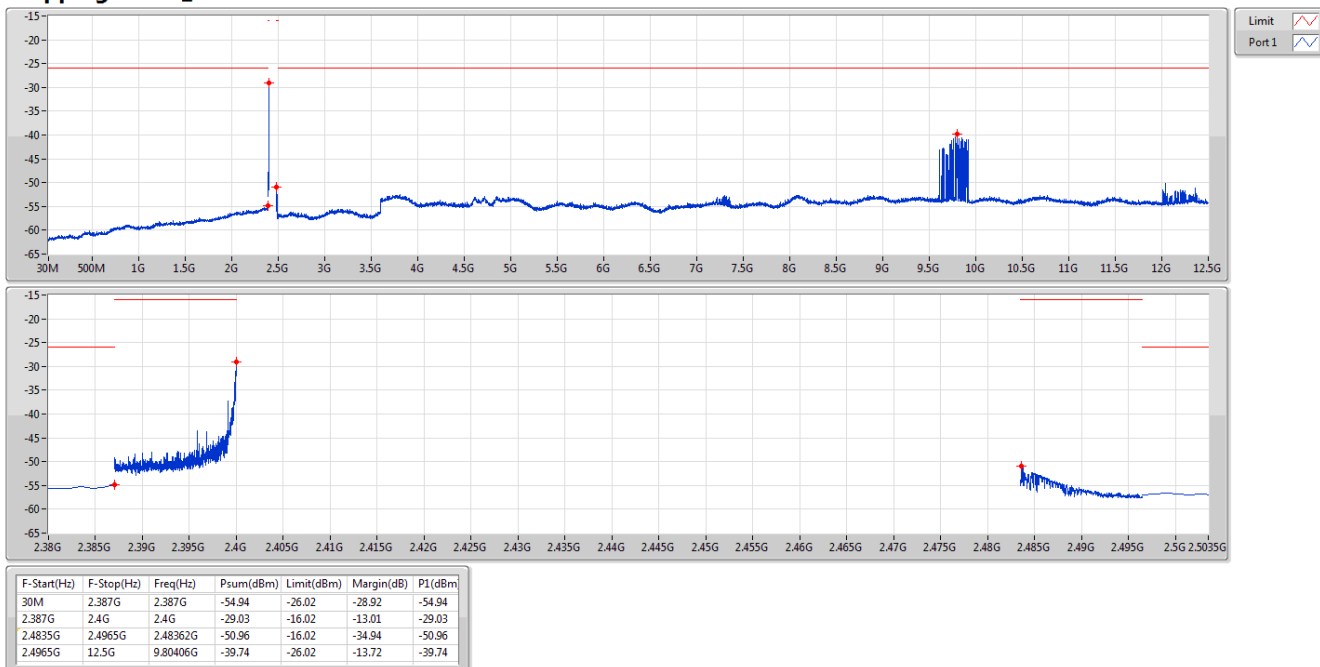
Result

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	Freq (Hz)	Psum (dBm/MHz)	Psum (uW/MHz)	Limit (dBm/MHz)	Limit (uW/MHz)
BT-BR(1Mbps)	-	-	-	-	-	-	-	-	-
Hopping Mode_TnomVnom	Pass	30M	2.387G	1M	2.387G	-54.94	0.00321	-26.02	2.5
Hopping Mode_TnomVnom	Pass	2.387G	2.4G	1M	2.4G	-29.03	1.25026	-16.02	25
Hopping Mode_TnomVnom	Pass	2.4835G	2.4965G	1M	2.48362G	-50.96	0.00802	-16.02	25
Hopping Mode_TnomVnom	Pass	2.4965G	12.5G	1M	9.80406G	-39.74	0.10617	-26.02	2.5
Hopping Mode_TnomVmin	Pass	30M	2.387G	1M	2.38464G	-54.67	0.00341	-26.02	2.5
Hopping Mode_TnomVmin	Pass	2.387G	2.4G	1M	2.4G	-30.02	0.99541	-16.02	25
Hopping Mode_TnomVmin	Pass	2.4835G	2.4965G	1M	2.48354G	-50.66	0.00859	-16.02	25
Hopping Mode_TnomVmin	Pass	2.4965G	12.5G	1M	9.81156G	-39.44	0.11376	-26.02	2.5
Hopping Mode_TnomVmax	Pass	30M	2.387G	1M	2.38464G	-54.86	0.00327	-26.02	2.5
Hopping Mode_TnomVmax	Pass	2.387G	2.4G	1M	2.39995G	-30.57	0.877	-16.02	25
Hopping Mode_TnomVmax	Pass	2.4835G	2.4965G	1M	2.48351G	-50.42	0.00908	-16.02	25
Hopping Mode_TnomVmax	Pass	2.4965G	12.5G	1M	9.80781G	-40.09	0.09795	-26.02	2.5
BT-EDR(3Mbps)	-	-	-	-	-	-	-	-	-
Hopping Mode_TnomVnom	Pass	30M	2.387G	1M	2.387G	-54.84	0.00328	-26.02	2.5
Hopping Mode_TnomVnom	Pass	2.387G	2.4G	1M	2.39999G	-20.42	9.07821	-16.02	25
Hopping Mode_TnomVnom	Pass	2.4835G	2.4965G	1M	2.4835G	-48.92	0.01282	-16.02	25
Hopping Mode_TnomVnom	Pass	2.4965G	12.5G	1M	3.76569G	-52.44	0.0057	-26.02	2.5
Hopping Mode_TnomVmin	Pass	30M	2.387G	1M	2.36461G	-55.14	0.00306	-26.02	2.5
Hopping Mode_TnomVmin	Pass	2.387G	2.4G	1M	2.39997G	-20.69	8.531	-16.02	25
Hopping Mode_TnomVmin	Pass	2.4835G	2.4965G	1M	2.48358G	-50.20	0.00955	-16.02	25
Hopping Mode_TnomVmin	Pass	2.4965G	12.5G	1M	9.64025G	-52.02	0.00628	-26.02	2.5
Hopping Mode_TnomVmax	Pass	30M	2.387G	1M	2.387G	-54.56	0.0035	-26.02	2.5
Hopping Mode_TnomVmax	Pass	2.387G	2.4G	1M	2.39992G	-20.46	8.99498	-16.02	25
Hopping Mode_TnomVmax	Pass	2.4835G	2.4965G	1M	2.48351G	-49.35	0.01161	-16.02	25
Hopping Mode_TnomVmax	Pass	2.4965G	12.5G	1M	3.7782G	-52.22	0.006	-26.02	2.5

BT-BR(1Mbps)

CSE-TX-FS

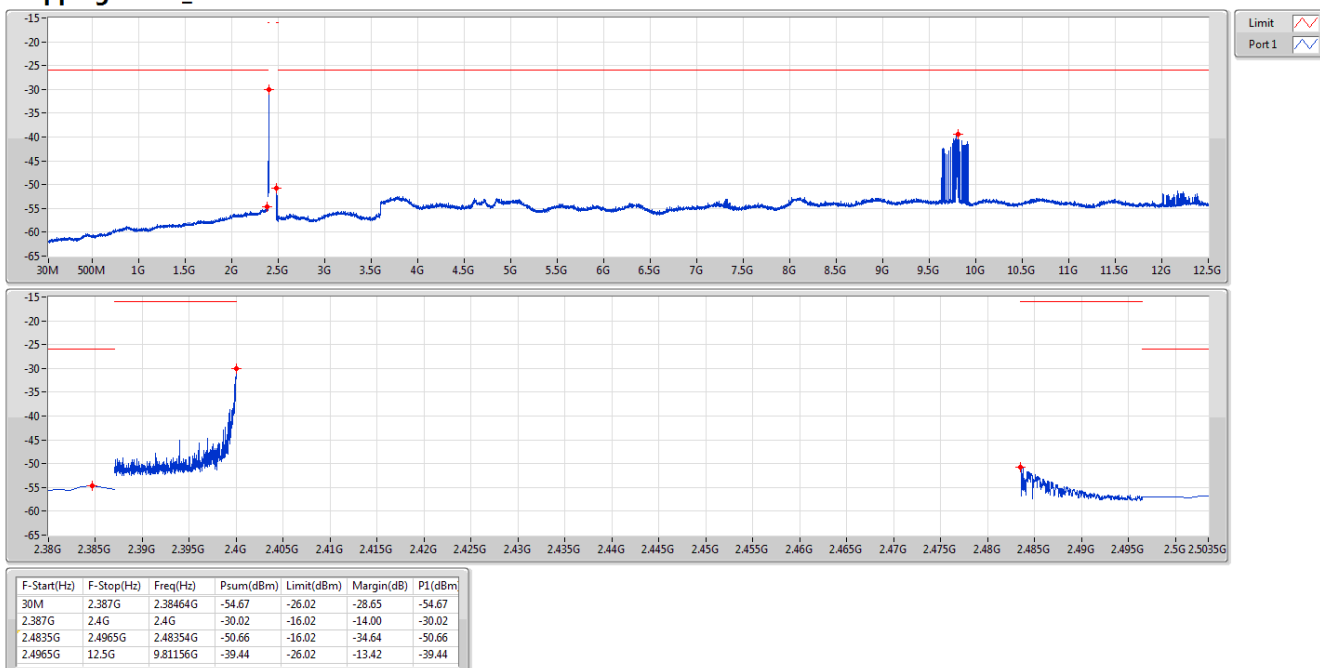
Hopping Mode_TnomVnom



BT-BR(1Mbps)

CSE-TX-FS

Hopping Mode_TnomVmin

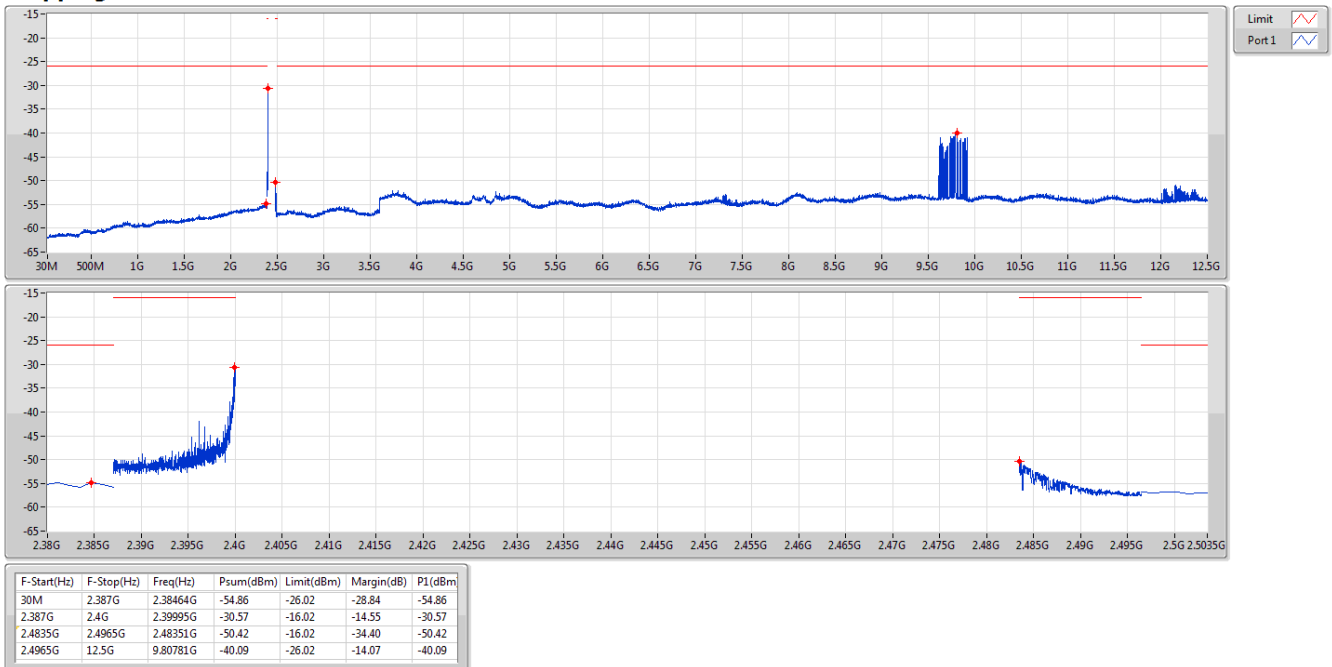




BT-BR(1Mbps)

CSE-TX-FS

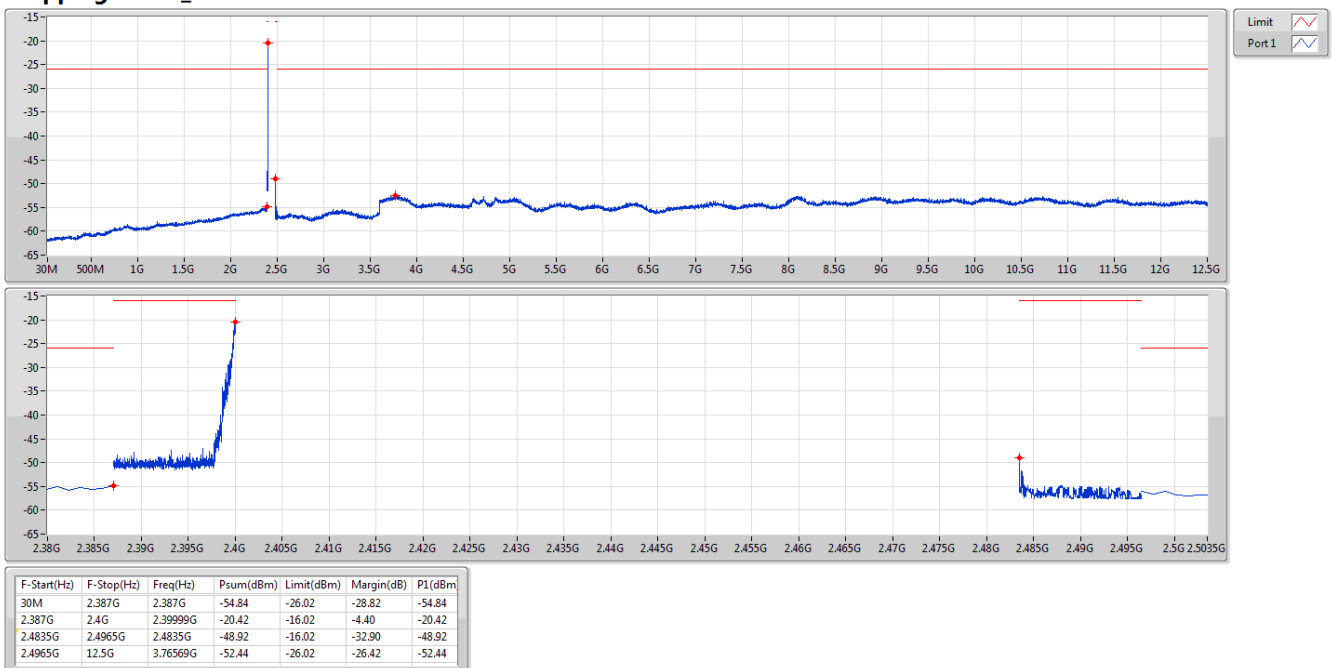
Hopping Mode_TnomVmax



BT-EDR(3Mbps)

CSE-TX-FS

Hopping Mode_TnomVnom

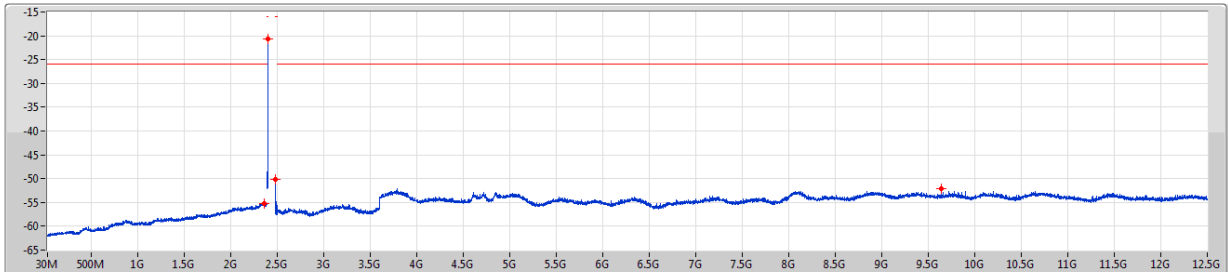




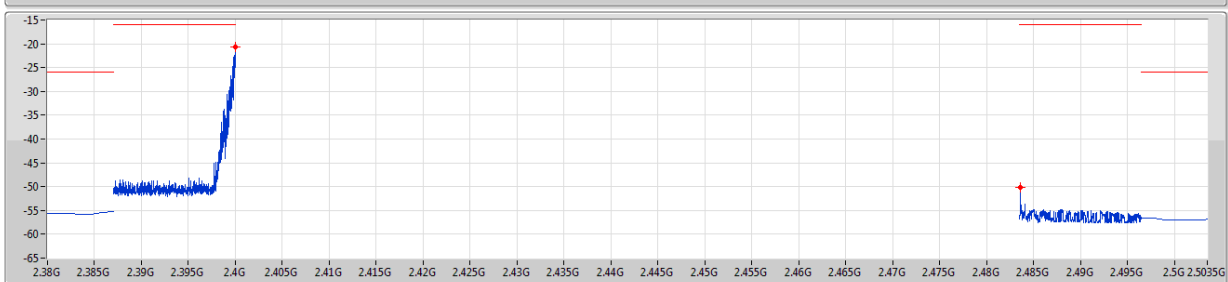
BT-EDR(3Mbps)

CSE-TX-FS

Hopping Mode_TnomVmin



Limit
Port1

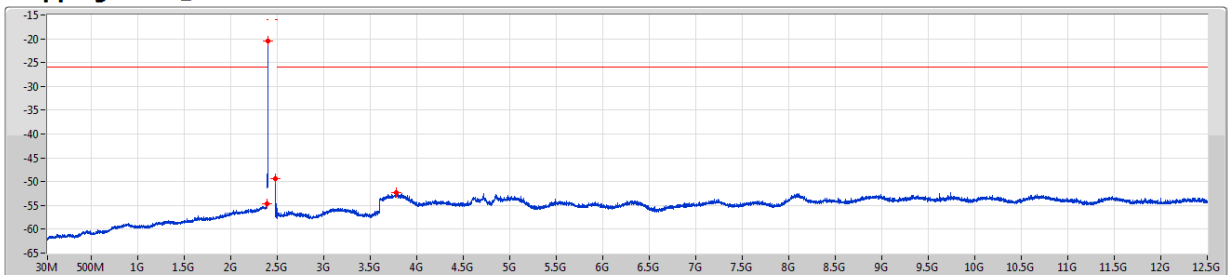


F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	2.387G	2.36461G	-55.14	-26.02	-29.12	-55.14
2.387G	2.4G	2.39997G	-20.69	-16.02	-4.67	-20.69
2.4835G	2.4965G	2.48358G	-50.20	-16.02	-34.18	-50.20
2.4965G	12.5G	9.64025G	-52.02	-26.02	-26.00	-52.02

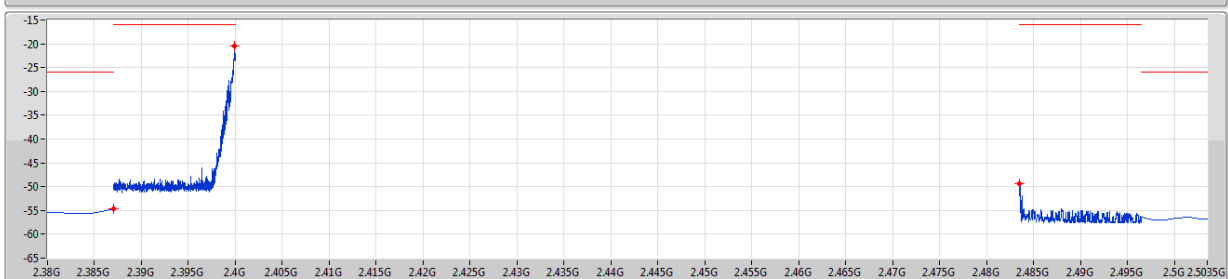
BT-EDR(3Mbps)

CSE-TX-FS

Hopping Mode_TnomVmax



Limit
Port1



F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	2.387G	2.387G	-54.56	-26.02	-28.54	-54.56
2.387G	2.4G	2.39992G	-20.46	-16.02	-4.44	-20.46
2.4835G	2.4965G	2.48351G	-49.35	-16.02	-33.33	-49.35
2.4965G	12.5G	3.7782G	-52.22	-26.02	-26.20	-52.22

Summary

Mode	Max-Dwell (s)
2.4-2.4835GHz	-
BT-BR(1Mbps)	280.24m
BT-EDR(3Mbps)	280.458m
BT-BR-AFH(1Mbps)	145.42m
BT-EDR-AFH(3Mbps)	144.215m

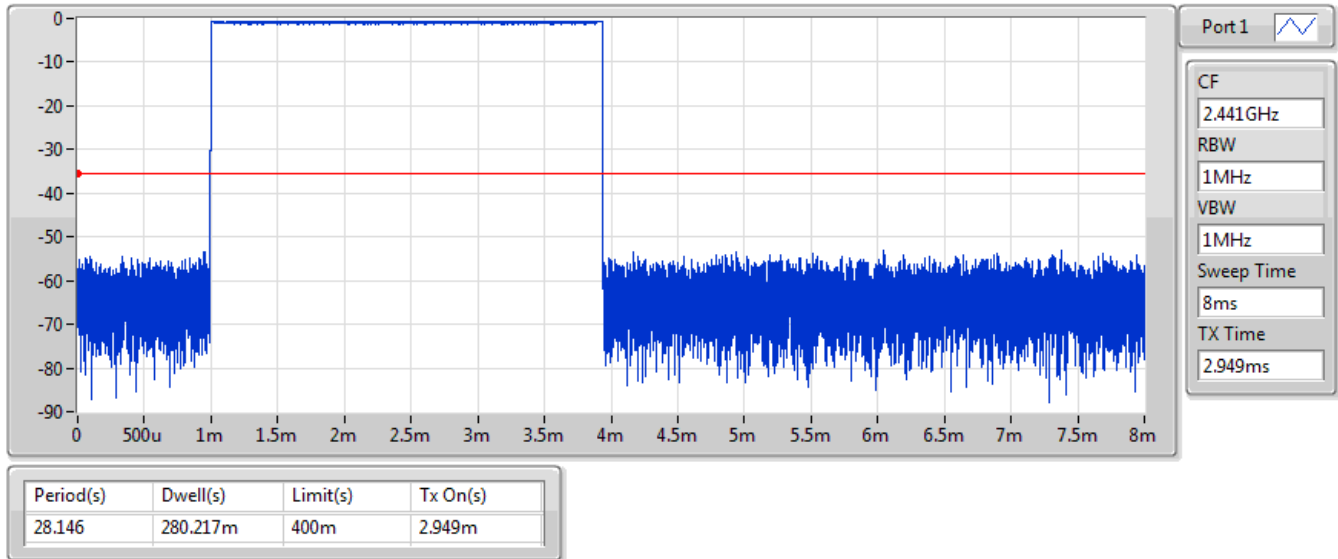
Result

Mode	Result	Period (s)	Dwell (s)	Limit (s)	Tx On (s)
BT-BR(1Mbps)	-	-	-	-	-
Hopping Mode_TnomVnom	Pass	28.146	280.217m	400m	2.949m
Hopping Mode_TnomVmin	Pass	28.146	280.24m	400m	2.949m
Hopping Mode_TnomVmax	Pass	28.106	279.818m	400m	2.949m
BT-EDR(3Mbps)	-	-	-	-	-
Hopping Mode_TnomVnom	Pass	28.706	280.458m	400m	2.894m
Hopping Mode_TnomVmin	Pass	28.666	279.994m	400m	2.893m
Hopping Mode_TnomVmax	Pass	28.706	280.385m	400m	2.893m
BT-BR-AFH(1Mbps)	-	-	-	-	-
Hopping Mode_TnomVnom	Pass	7.396	145.42m	400m	2.949m
Hopping Mode_TnomVmin	Pass	7.396	145.42m	400m	2.949m
Hopping Mode_TnomVmax	Pass	7.396	145.42m	400m	2.949m
BT-EDR-AFH(3Mbps)	-	-	-	-	-
Hopping Mode_TnomVnom	Pass	7.476	144.215m	400m	2.893m
Hopping Mode_TnomVmin	Pass	7.476	144.215m	400m	2.893m
Hopping Mode_TnomVmax	Pass	7.476	144.215m	400m	2.893m

BT-BR(1Mbps)

Dwell

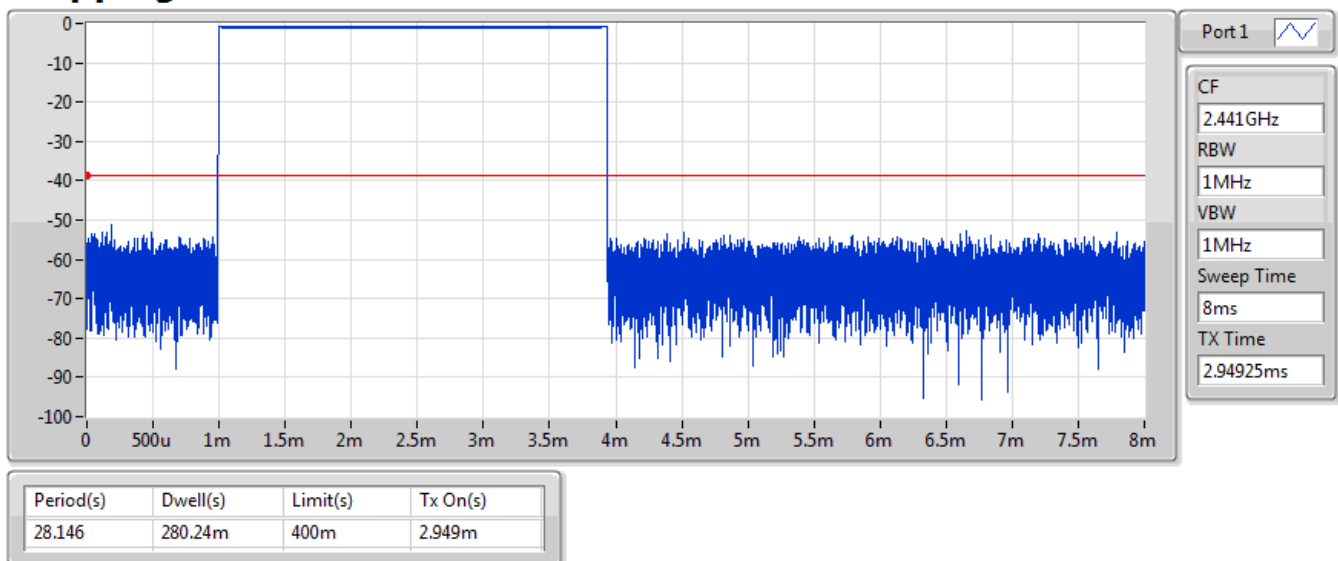
Hopping Mode_TnomVnom



BT-BR(1Mbps)

Dwell

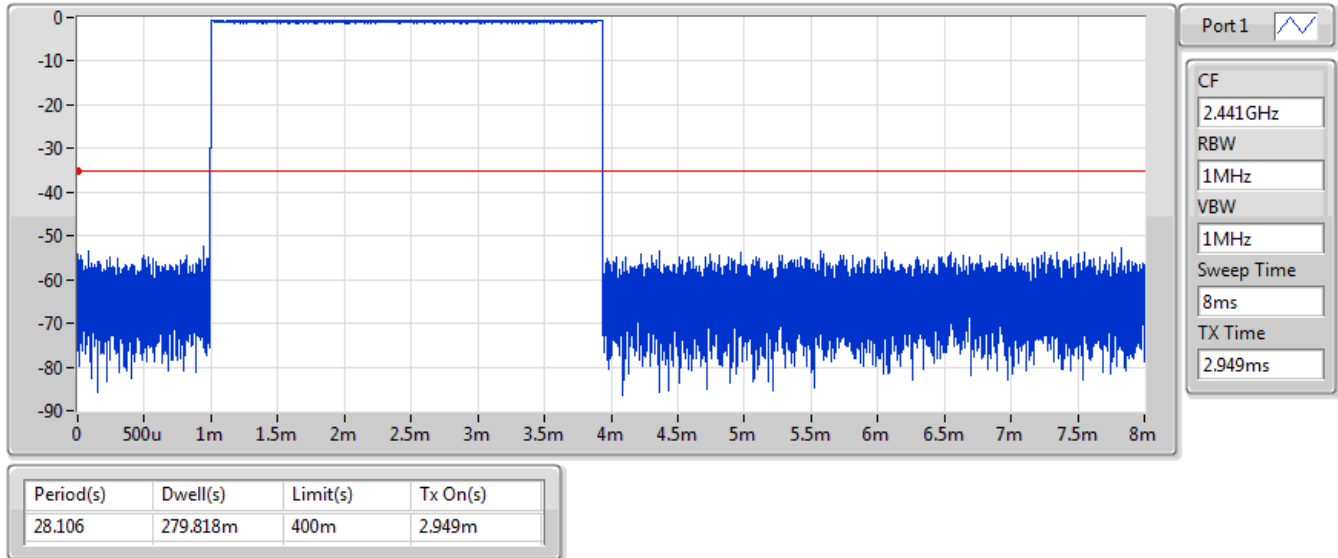
Hopping Mode_TnomVmin



BT-BR(1Mbps)

Dwell

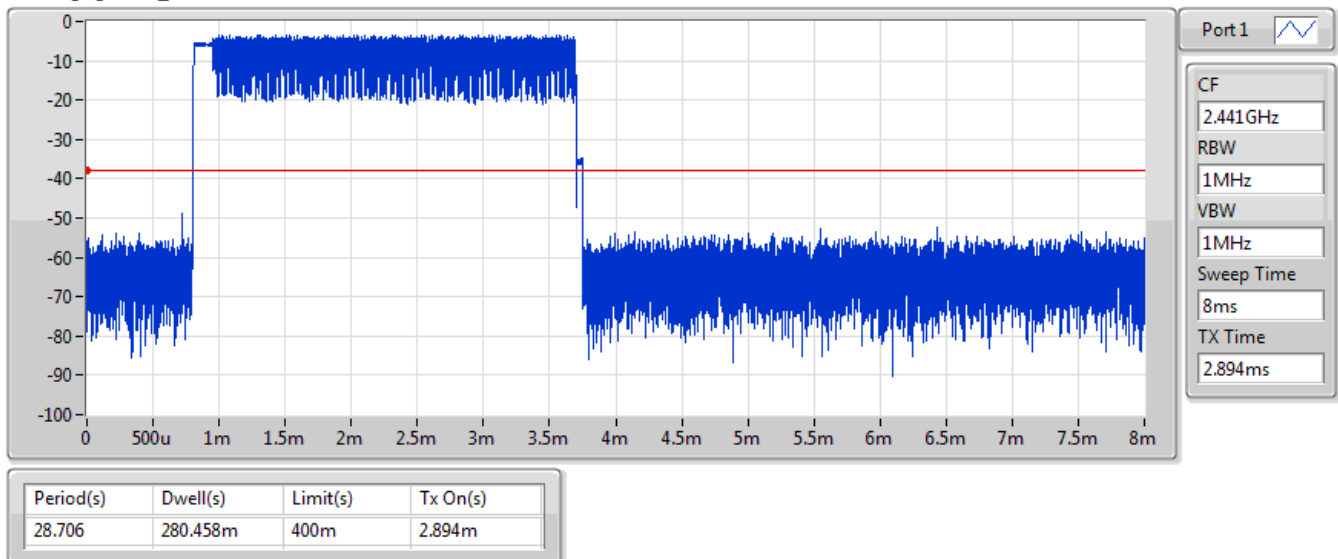
Hopping Mode_TnomVmax



BT-EDR(3Mbps)

Dwell

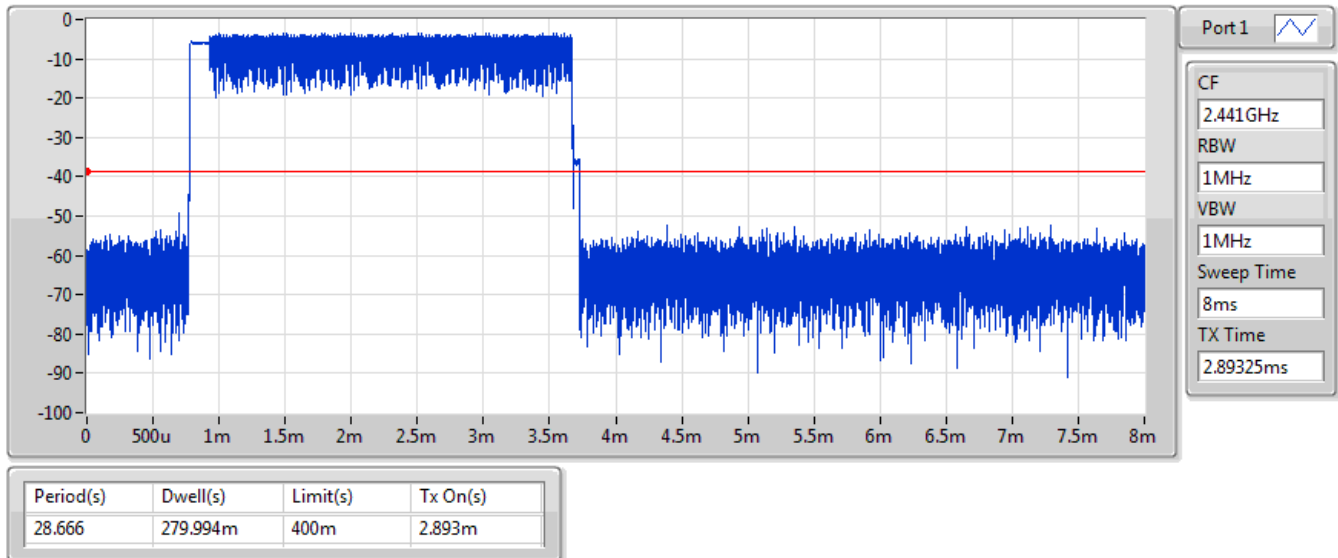
Hopping Mode_TnomVnom



BT-EDR(3Mbps)

Dwell

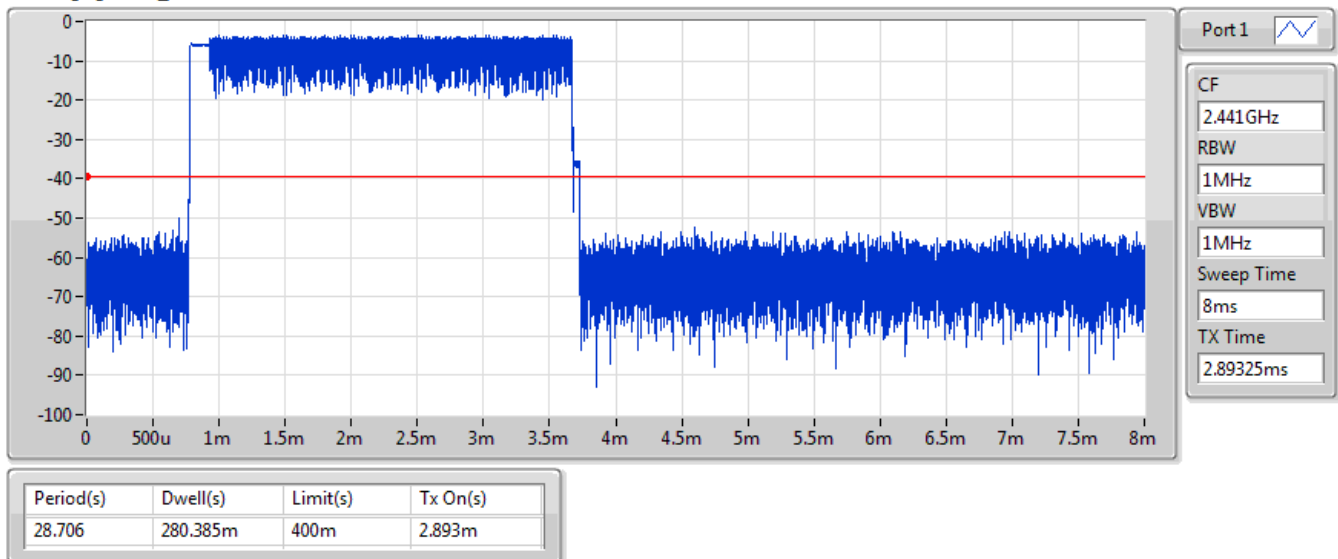
Hopping Mode_TnomVmin



BT-EDR(3Mbps)

Dwell

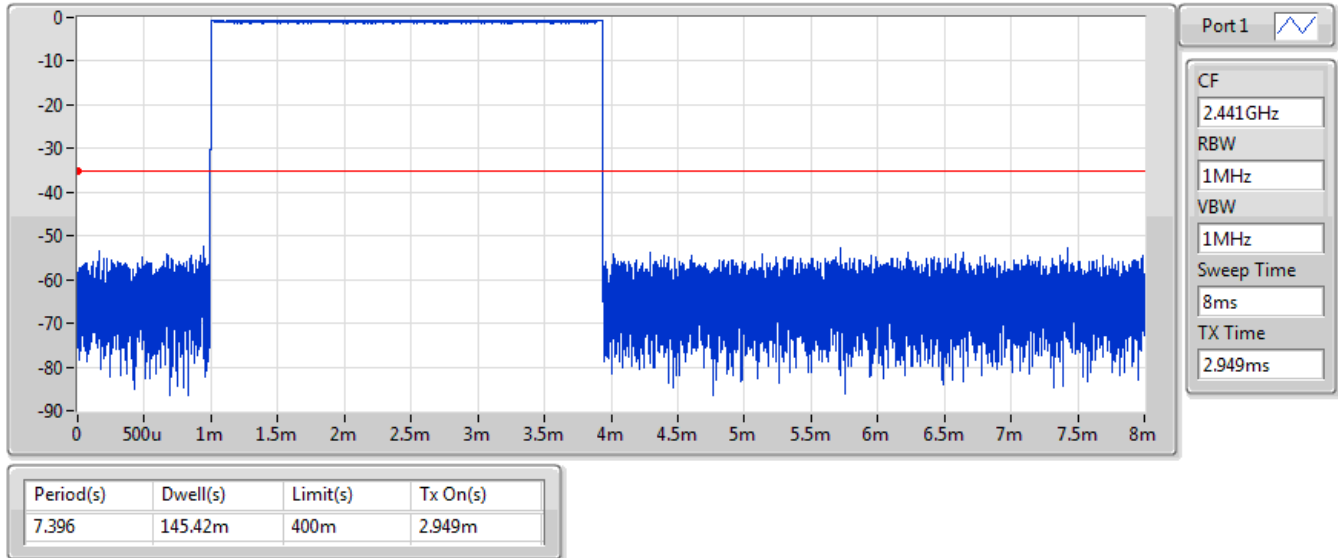
Hopping Mode_TnomVmax



BT-BR-AFH(1Mbps)

Dwell

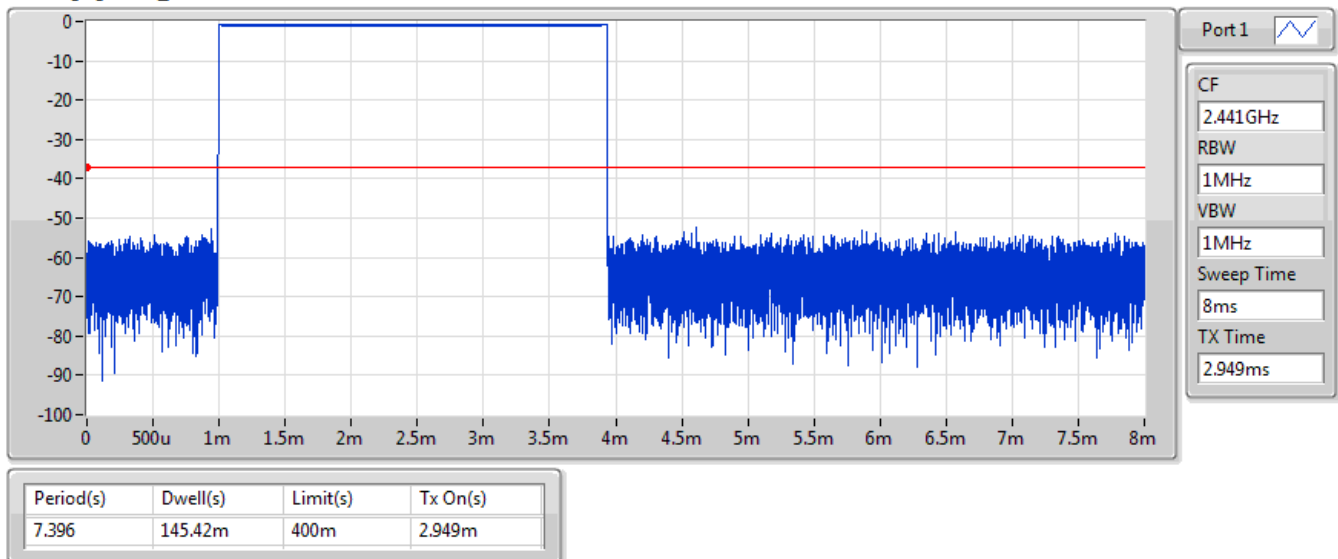
Hopping Mode_TnomVnom



BT-BR-AFH(1Mbps)

Dwell

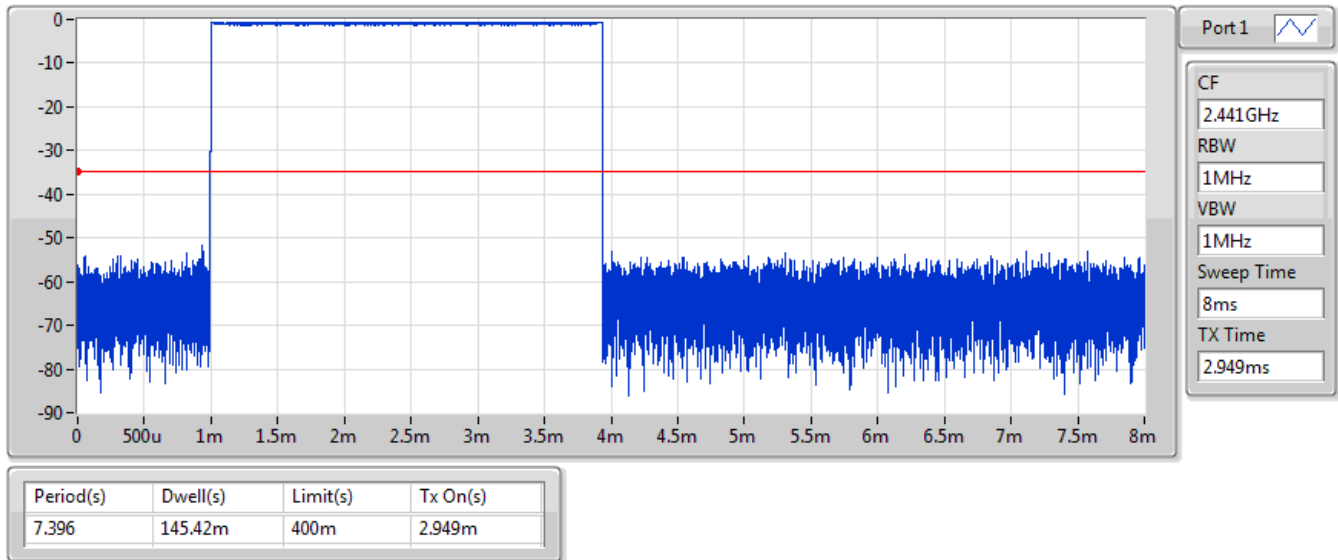
Hopping Mode_TnomVmin



BT-BR-AFH(1Mbps)

Dwell

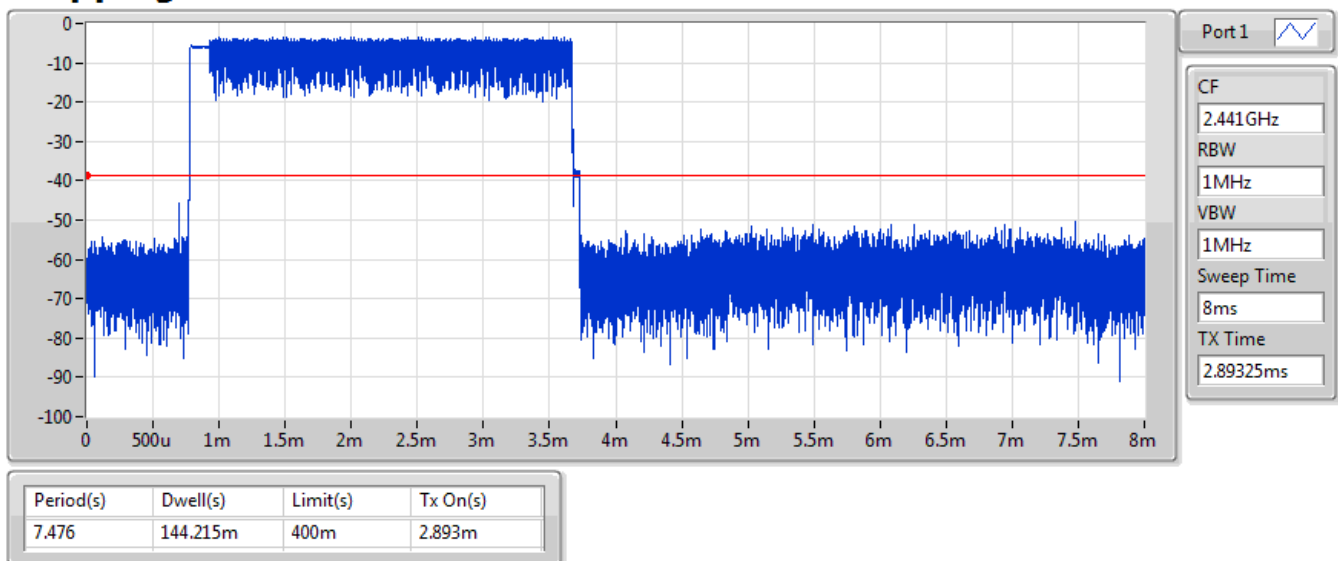
Hopping Mode_TnomVmax



BT-EDR-AFH(3Mbps)

Dwell

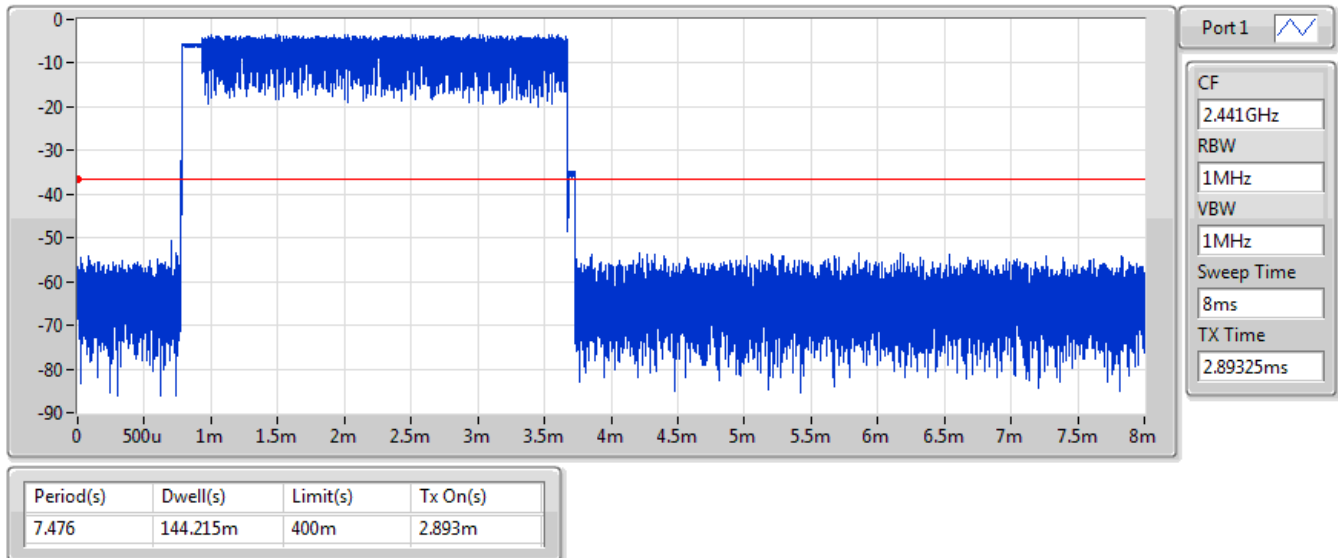
Hopping Mode_TnomVnom



BT-EDR-AFH(3Mbps)

Dwell

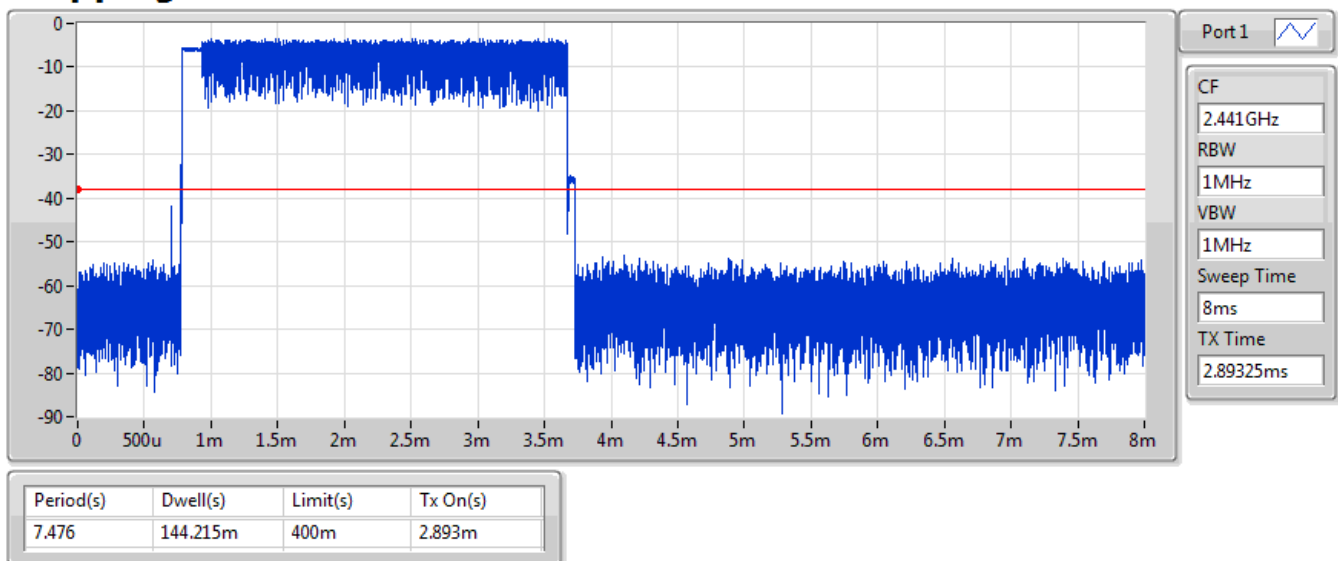
Hopping Mode_TnomVmin



BT-EDR-AFH(3Mbps)

Dwell

Hopping Mode_TnomVmax



Summary

Mode	Result	MAC (ID Length)	ID Limit	Function
2.4-2.4835GHz	-	-	-	-
BT-BR(1Mbps)	Pass	14:13:0B:87:3D:C6	48 bits	Good
BT-EDR(3Mbps)	Pass	14:13:0B:87:3D:C6	48 bits	Good
BT-BR-AFH(1Mbps)	Pass	14:13:0B:87:3D:C6	48 bits	Good
BT-EDR-AFH(3Mbps)	Pass	14:13:0B:87:3D:C6	48 bits	Good

Result

Mode	Result	MAC (ID Length)	ID Limit	Function
BT-BR(1Mbps)	-	-	-	-
Hopping Mode_TnomVnom	Pass	14:13:0B:87:3D:C6	48 bits	Good
Hopping Mode_TnomVmin	Pass	14:13:0B:87:3D:C6	48 bits	Good
Hopping Mode_TnomVmax	Pass	14:13:0B:87:3D:C6	48 bits	Good
BT-EDR(3Mbps)	-	-	-	-
Hopping Mode_TnomVnom	Pass	14:13:0B:87:3D:C6	48 bits	Good
Hopping Mode_TnomVmin	Pass	14:13:0B:87:3D:C6	48 bits	Good
Hopping Mode_TnomVmax	Pass	14:13:0B:87:3D:C6	48 bits	Good
BT-BR-AFH(1Mbps)	-	-	-	-
Hopping Mode_TnomVnom	Pass	14:13:0B:87:3D:C6	48 bits	Good
Hopping Mode_TnomVmin	Pass	14:13:0B:87:3D:C6	48 bits	Good
Hopping Mode_TnomVmax	Pass	14:13:0B:87:3D:C6	48 bits	Good
BT-EDR-AFH(3Mbps)	-	-	-	-
Hopping Mode_TnomVnom	Pass	14:13:0B:87:3D:C6	48 bits	Good
Hopping Mode_TnomVmin	Pass	14:13:0B:87:3D:C6	48 bits	Good
Hopping Mode_TnomVmax	Pass	14:13:0B:87:3D:C6	48 bits	Good

Summary

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	Freq (Hz)	Psum (dBm)	Psum (nW)	Limit (dBm)	Limit (nW)
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-
BT-BR(1Mbps)	Pass	1G	12.5G	1M	3.74419G	-83.84	0.00413	-46.99	20
BT-EDR(3Mbps)	Pass	1G	12.5G	1M	2.42888G	-81.14	0.00769	-46.99	20

Result

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	Freq (Hz)	Psum (dBm)	Psum (nW)	Limit (dBm)	Limit (nW)
BT-BR(1Mbps)	-	-	-	-	-	-	-	-	-
2402MHz_TnomVnom	Pass	30M	1G	100k	767.2M	-98.29	0.00015	-53.98	4
2402MHz_TnomVnom	Pass	1G	12.5G	1M	8.90913G	-84.27	0.00374	-46.99	20
2402MHz_TnomVmin	Pass	30M	1G	100k	766.72M	-98.59	0.00014	-53.98	4
2402MHz_TnomVmin	Pass	1G	12.5G	1M	3.74419G	-83.84	0.00413	-46.99	20
2402MHz_TnomVmax	Pass	30M	1G	100k	766.23M	-99.69	0.00011	-53.98	4
2402MHz_TnomVmax	Pass	1G	12.5G	1M	8.958G	-83.98	0.004	-46.99	20
2441MHz_TnomVnom	Pass	30M	1G	100k	938.89M	-99.29	0.00012	-53.98	4
2441MHz_TnomVnom	Pass	1G	12.5G	1M	3.77294G	-84.32	0.0037	-46.99	20
2441MHz_TnomVmin	Pass	30M	1G	100k	766.72M	-99.04	0.00012	-53.98	4
2441MHz_TnomVmin	Pass	1G	12.5G	1M	10.68444G	-84.23	0.00378	-46.99	20
2441MHz_TnomVmax	Pass	30M	1G	100k	906.4M	-100.54	0.00009	-53.98	4
2441MHz_TnomVmax	Pass	1G	12.5G	1M	8.11419G	-84.27	0.00374	-46.99	20
2480MHz_TnomVnom	Pass	30M	1G	100k	766.72M	-99.75	0.00011	-53.98	4
2480MHz_TnomVnom	Pass	1G	12.5G	1M	3.74994G	-84.22	0.00378	-46.99	20
2480MHz_TnomVmin	Pass	30M	1G	100k	938.41M	-100.82	0.00008	-53.98	4
2480MHz_TnomVmin	Pass	1G	12.5G	1M	10.68013G	-84.26	0.00375	-46.99	20
2480MHz_TnomVmax	Pass	30M	1G	100k	741.5M	-98.79	0.00013	-53.98	4
2480MHz_TnomVmax	Pass	1G	12.5G	1M	8.99538G	-83.91	0.00406	-46.99	20
BT-EDR(3Mbps)	-	-	-	-	-	-	-	-	-
2402MHz_TnomVnom	Pass	30M	1G	100k	766.23M	-99.27	0.00012	-53.98	4
2402MHz_TnomVnom	Pass	1G	12.5G	1M	3.75856G	-84.20	0.0038	-46.99	20
2402MHz_TnomVmin	Pass	30M	1G	100k	765.75M	-99.00	0.00013	-53.98	4
2402MHz_TnomVmin	Pass	1G	12.5G	1M	3.76575G	-84.31	0.00371	-46.99	20
2402MHz_TnomVmax	Pass	30M	1G	100k	766.72M	-100.04	0.0001	-53.98	4
2402MHz_TnomVmax	Pass	1G	12.5G	1M	8.09694G	-84.14	0.00385	-46.99	20
2441MHz_TnomVnom	Pass	30M	1G	100k	915.61M	-101.07	0.00008	-53.98	4
2441MHz_TnomVnom	Pass	1G	12.5G	1M	2.42888G	-81.14	0.00769	-46.99	20
2441MHz_TnomVmin	Pass	30M	1G	100k	766.72M	-100.35	0.00009	-53.98	4



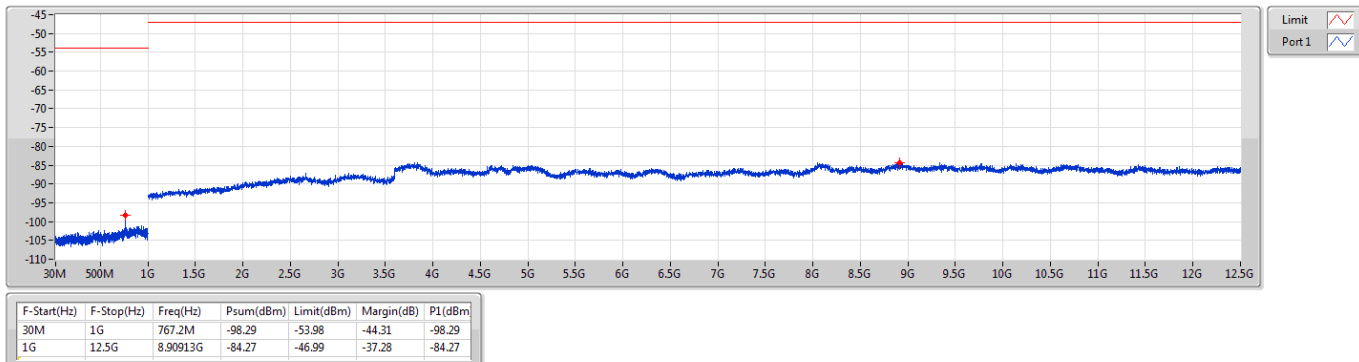
Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	Freq (Hz)	Psum (dBm)	Psum (nW)	Limit (dBm)	Limit (nW)
2441MHz_TnomVmin	Pass	1G	12.5G	1M	9.34325G	-84.32	0.0037	-46.99	20
2441MHz_TnomVmax	Pass	30M	1G	100k	745.86M	-99.02	0.00013	-53.98	4
2441MHz_TnomVmax	Pass	1G	12.5G	1M	3.77294G	-83.89	0.00408	-46.99	20
2480MHz_TnomVnom	Pass	30M	1G	100k	938.89M	-100.43	0.00009	-53.98	4
2480MHz_TnomVnom	Pass	1G	12.5G	1M	3.76431G	-84.18	0.00382	-46.99	20
2480MHz_TnomVmin	Pass	30M	1G	100k	939.38M	-100.43	0.00009	-53.98	4
2480MHz_TnomVmin	Pass	1G	12.5G	1M	3.77006G	-84.15	0.00385	-46.99	20
2480MHz_TnomVmax	Pass	30M	1G	100k	876.33M	-100.92	0.00008	-53.98	4
2480MHz_TnomVmax	Pass	1G	12.5G	1M	8.13G	-84.20	0.0038	-46.99	20



BT-BR(1Mbps)

CSE-RX-FS

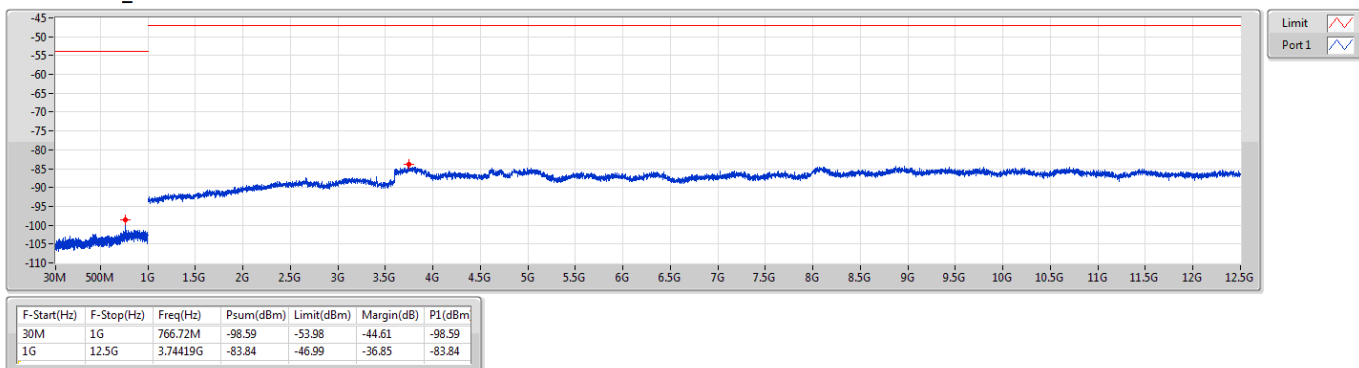
2402MHz_TnomVnom



BT-BR(1Mbps)

CSE-RX-FS

2402MHz_TnomVmin

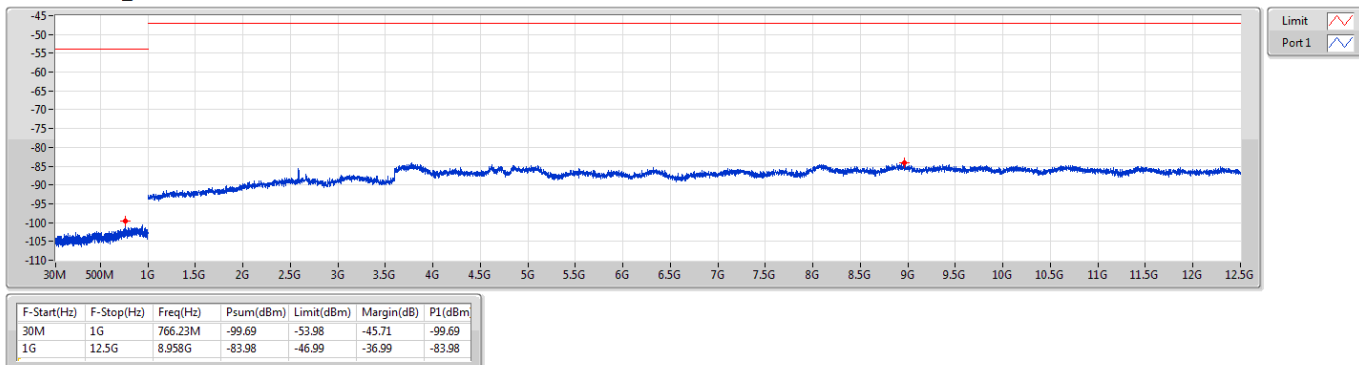




BT-BR(1Mbps)

CSE-RX-FS

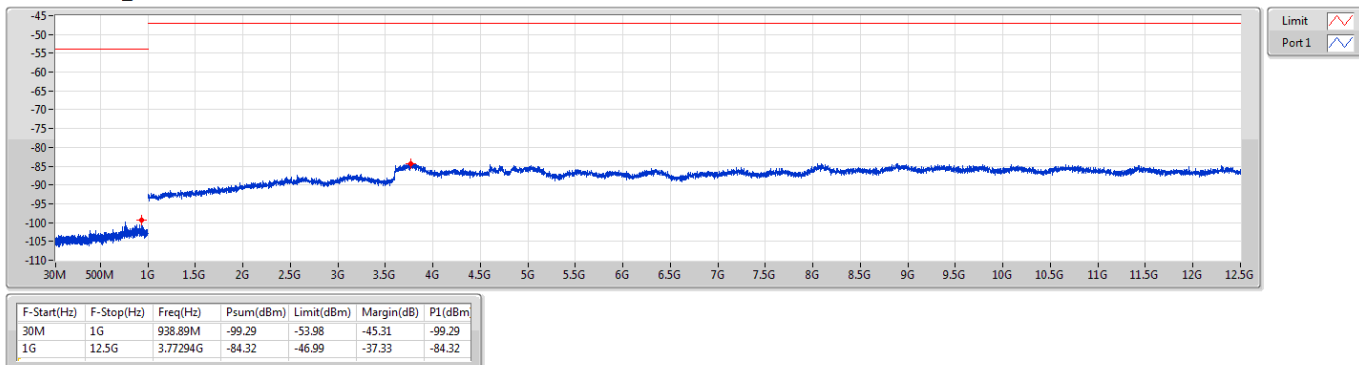
2402MHz_TnomVmax



BT-BR(1Mbps)

CSE-RX-FS

2441MHz_TnomVnom

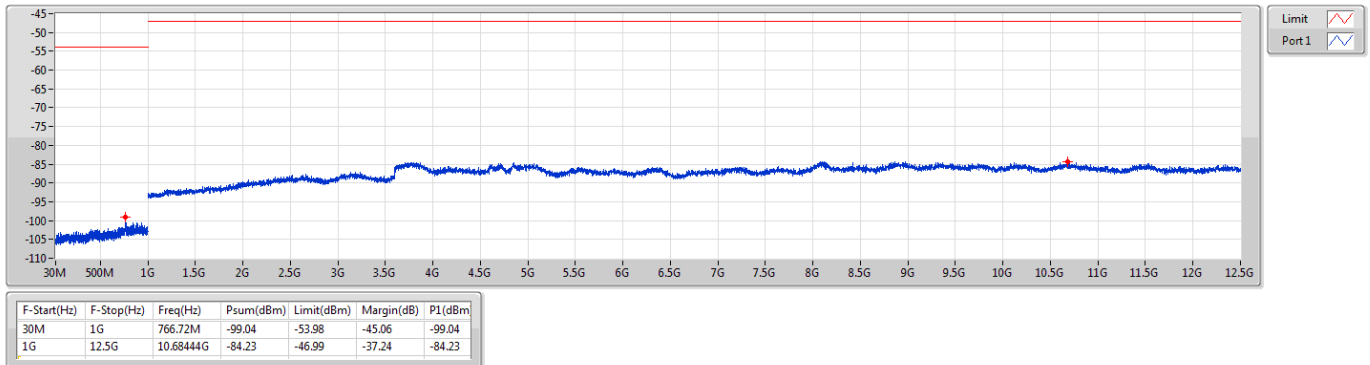




BT-BR(1Mbps)

CSE-RX-FS

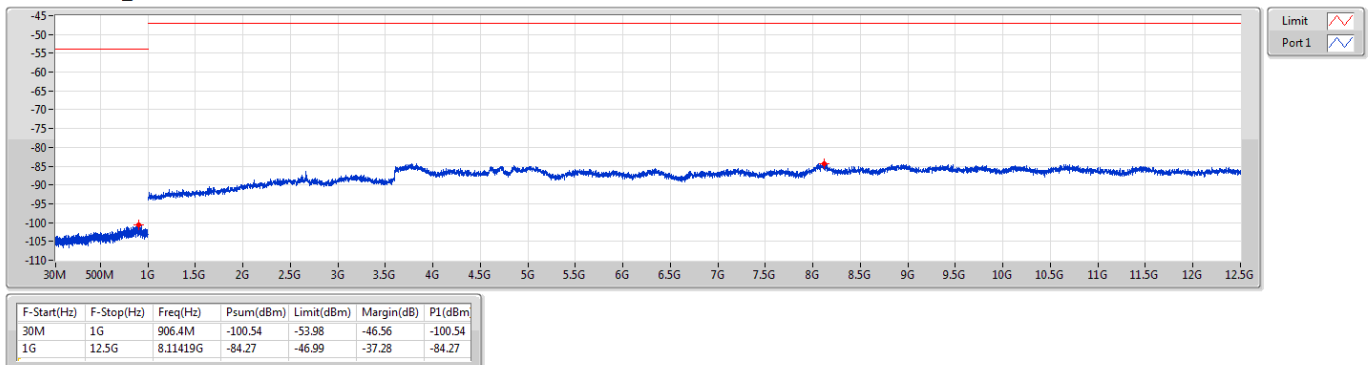
2441MHz_TnomVmin



BT-BR(1Mbps)

CSE-RX-FS

2441MHz_TnomVmax

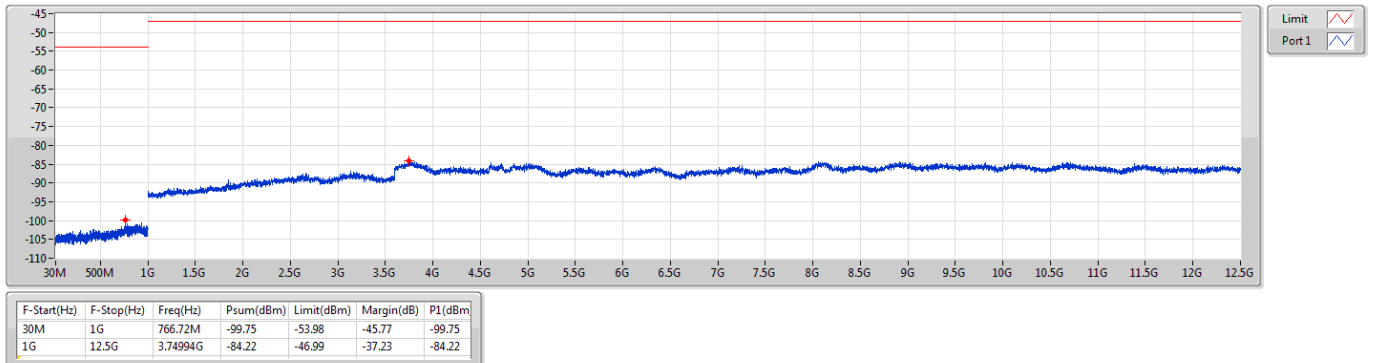




BT-BR(1Mbps)

CSE-RX-FS

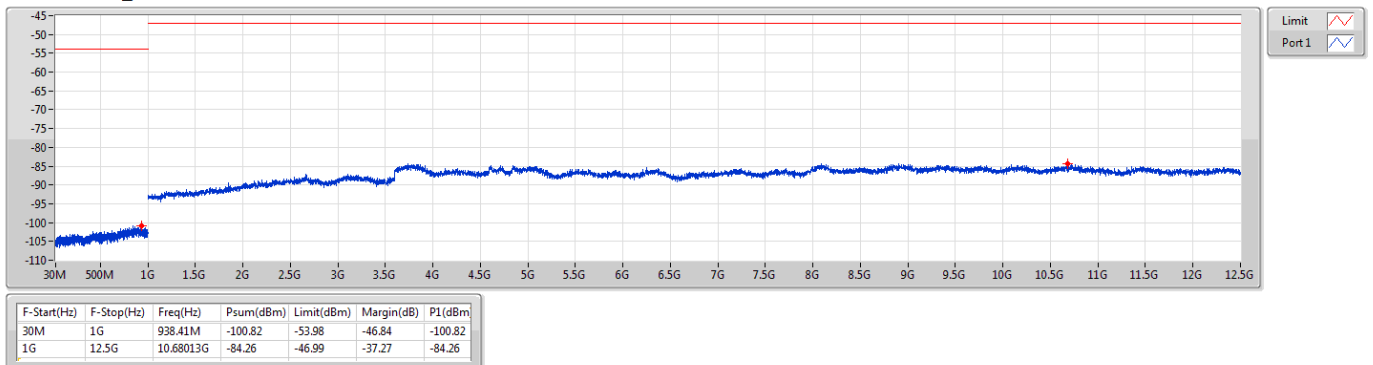
2480MHz_TnomVnom



BT-BR(1Mbps)

CSE-RX-FS

2480MHz_TnomVmin

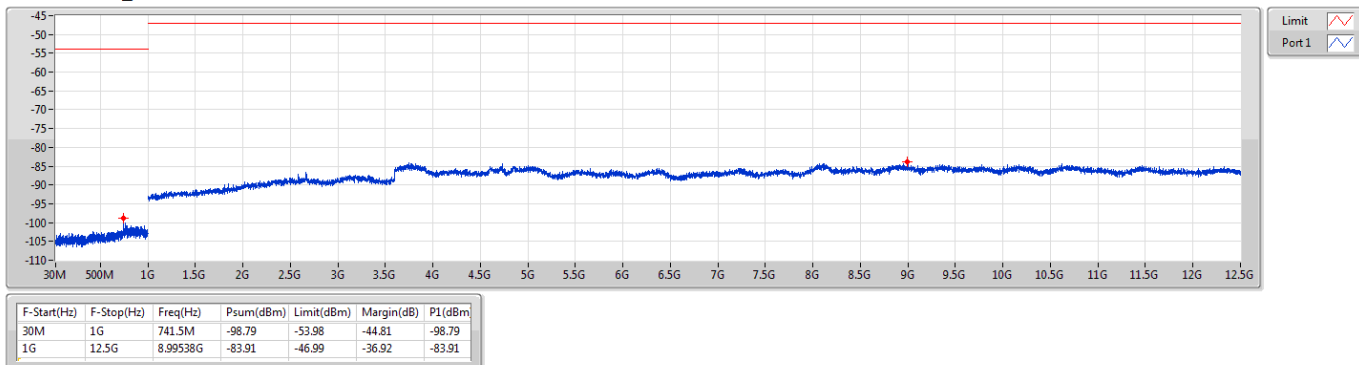




BT-BR(1Mbps)

CSE-RX-FS

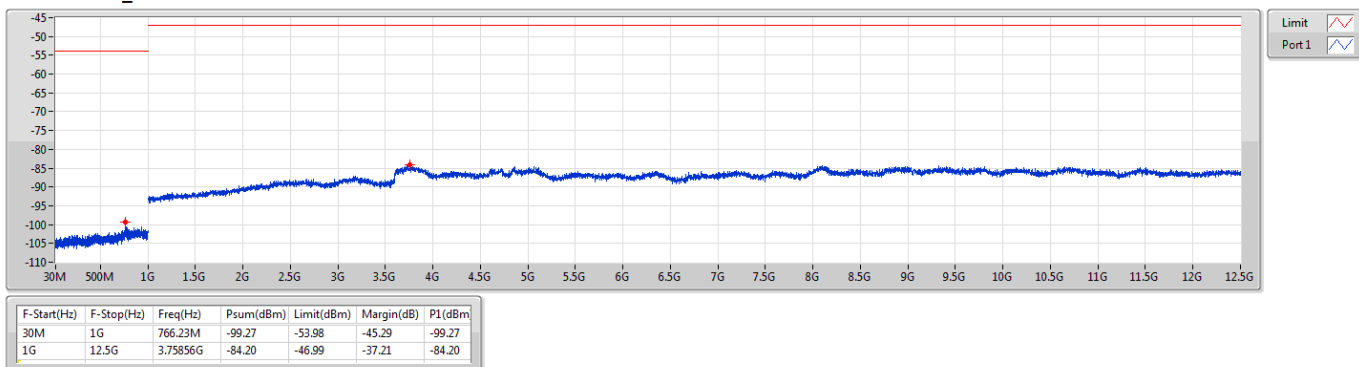
2480MHz_TnomVmax



BT-EDR(3Mbps)

CSE-RX-FS

2402MHz_TnomVnom

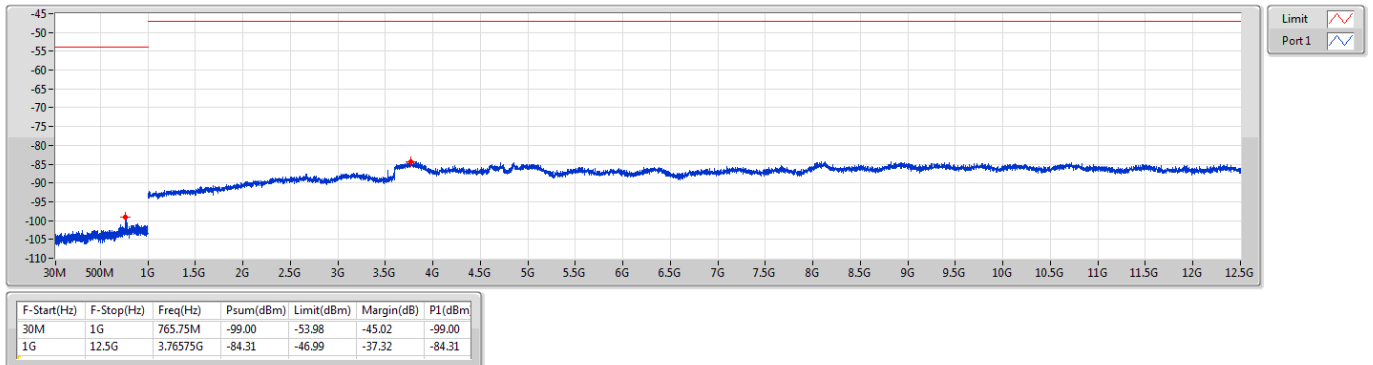




BT-EDR(3Mbps)

CSE-RX-FS

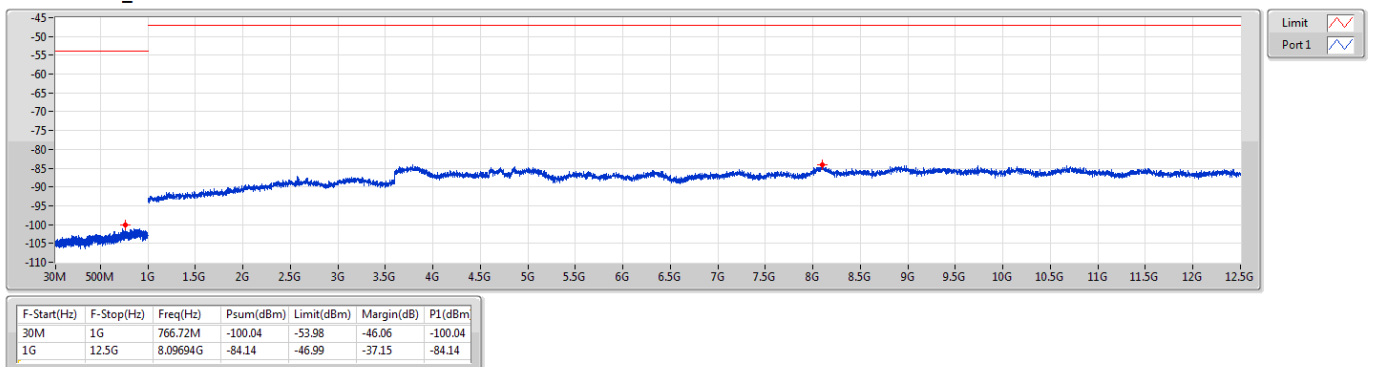
2402MHz_TnomVmin



BT-EDR(3Mbps)

CSE-RX-FS

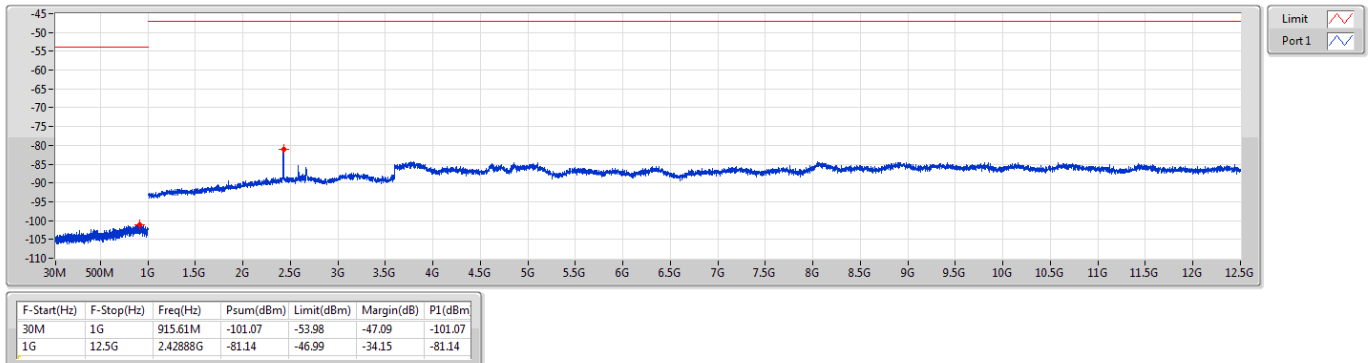
2402MHz_TnomVmax



BT-EDR(3Mbps)

CSE-RX-FS

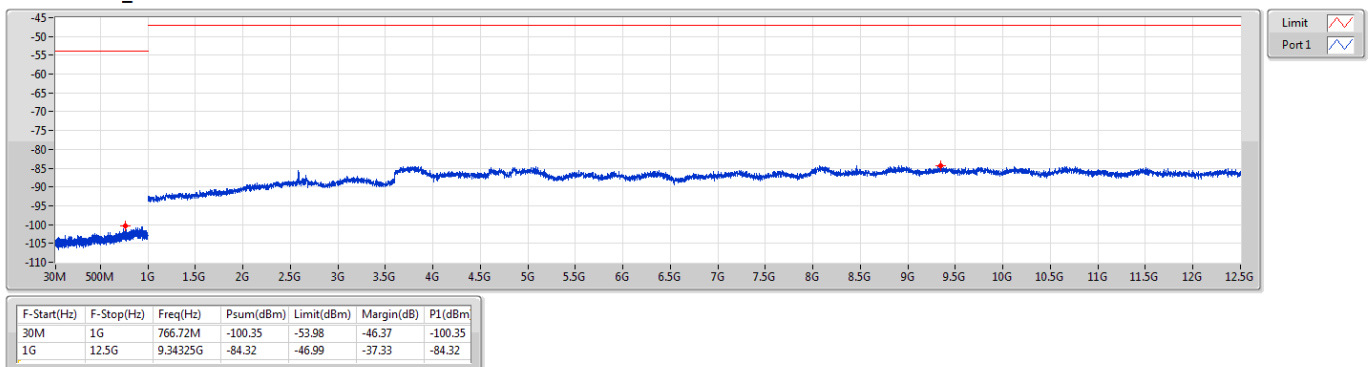
2441MHz_TnomVnom



BT-EDR(3Mbps)

CSE-RX-FS

2441MHz_TnomVmin

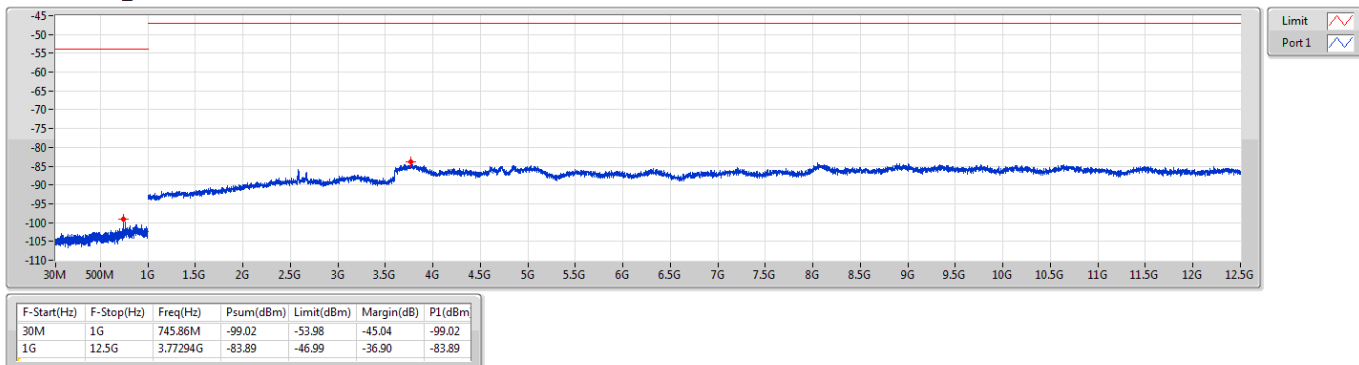




BT-EDR(3Mbps)

CSE-RX-FS

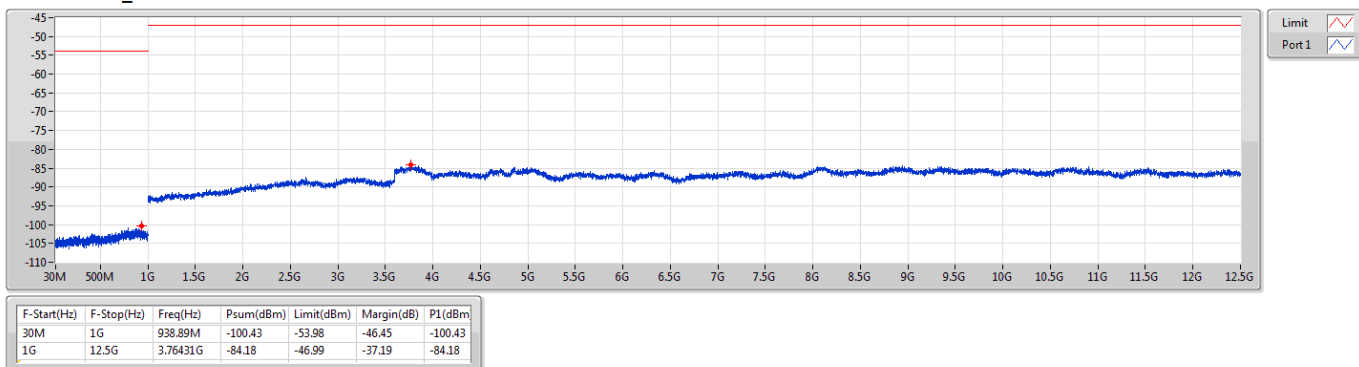
2441MHz_TnomVmax



BT-EDR(3Mbps)

CSE-RX-FS

2480MHz_TnomVnom

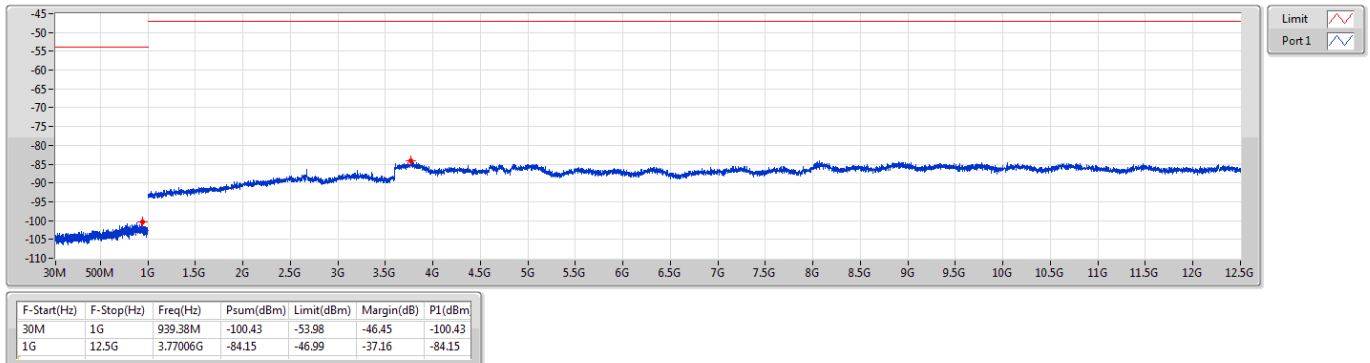




BT-EDR(3Mbps)

CSE-RX-FS

2480MHz_TnomVmin



BT-EDR(3Mbps)

CSE-RX-FS

2480MHz_TnomVmax

