

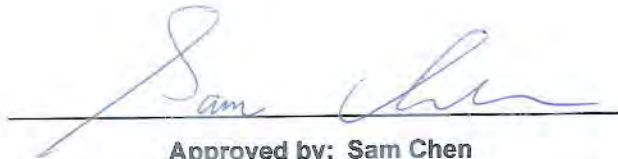


JAPAN RADIO TEST REPORT

Equipment : MAP-AC1750
Brand Name : ASUS
Model Name : MAP-AC1750
Applicant : ASUSTeK Computer Inc
No. 15, Li-Te Rd., Beitou District, Taipei City 112,
Taiwan.
Manufacturer : ASUSTeK Computer Inc
No. 15, Li-Te Rd., Beitou District, Taipei City 112,
Taiwan.
Standard : MIC Certification Rule, Article 2 Paragraph 1 Item 19

The product was received on Mar. 07, 2018, and testing was started from Mar. 08, 2018 and completed on Mar. 27, 2018. We, SPORTON INTERTIONAL INC. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in MIC Notice No.88 Appendix No.43 and shown compliance with the applicable MIC Ordinance Regulating Radio Equipment Article 49.20 and ARIB STD-T66 technical standards.

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



Approved by: Sam Chen

SPORTON INTERTIONAL INC. EMC & Wireless Communications Laboratory
No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.)



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Appendix H. Test Photos

Photographs of EUT v01



History of this test report

TEL : 886-3-656-9065
FAX : 886-3-656-9085
Report Template No.: CB Ver1.0

Page Number : 4 of 22
Issued Date : Apr. 27, 2018
Report Version : 01



Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.1	RLE:6	Frequency Band	PASS	-
3.1	ORE:5	Frequency Error	PASS	-
3.2	ORE:6	Occupied Bandwidth	PASS	-
3.2	ORE:49.20	Spread Bandwidth / Factor	PASS	-
3.3	ORE:49.20	Antenna Power	PASS	-
3.3	ORE:14	Antenna Power Error	PASS	-
-	ORE:49.20	Antenna Beamwidth, EIRP Limit ^{*1}	N/A	-
-	ORE:49.20	Radiated EIRP ^{*1}	N/A	-
3.4	ORE:7, Table 3	Transmitter Spurious Emissions	PASS	-
3.5	ORE:24	Receiver Spurious Emissions	PASS	-
3.6	TR:9	Identification Code	PASS	-
-	TR:9	Carrier Sense ^{*2}	N/A	-
3.7	ORE:49.20	Hopping Frequency Dwell Time	PASS	-
3.8	ORE:49.20	EUT Construction Protection	PASS	-

RLE: Radio Law Enforcement Regulations

ORE: Ordinance Regulating Radio Equipment

TR: Terminal and Other Equipment Regulations

NT: Notification of the Ministry of Internal Affairs and Communications

^{*1}: If EIRP power of EUT is lower than 12.14dBm/MHz (20MHz) and 9.1279dBm/MHz (40MHz), so "Antenna Beamwidth, EIRP Limit" and "Radiated EIRP" could be exempted tests.

^{*2}: If OFDM modulation and Occupied Bandwidth \geq 26MHz, Carrier Sense shall be performed.

Reviewed by: Sam Chen

Report Producer: Emily Chen

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	Nant
2.4-2.4835GHz	BT-BR(1Mbps)	1
2.4-2.4835GHz	BT-BR-AFH(1Mbps)	1
2.4-2.4835GHz	BT-BR(2Mbps)	1
2.4-2.4835GHz	BT-BR-AFH(2Mbps)	1
2.4-2.4835GHz	BT-EDR(3Mbps)	1
2.4-2.4835GHz	BT-EDR-AFH(3Mbps)	1

Note:

- 2.4G is the 2.4GHz Band (2.4-2.4835GHz).
- Bluetooth BR uses a GFSK (1Mbps).
- Bluetooth EDR uses a combination of $\pi/4$ -DQPSK (2Mbps) and 8DPSK (3Mbps).
- Bluetooth BR/EDR uses as a system using FHSS modulation.
- BWch is the nominal channel bandwidth.
- Nss-Min is the minimum number of spatial streams.
- Nant is the number of outputs. e.g., 2(2, 3) means have 2 outputs for port 2 and port 3. 2 means have 2 outputs for port 1 and port 2.

Mode	Declared Power (mW/MHz)
BT-BR-1Mbps	2.39
BT-BR-1Mbps_AFH	2.37
BT-EDR-3Mbps	2.39
BT-EDR-3Mbps_AFH	2.37

1.1.2 Antenna Information

Ant.	2.4GHz Port	5GHz Port	Brand	Part Number	Antenna Type	Connector	Gain (dBi)
1	1	2	WHA YU	C059-510402-A	Dipole Antenna	I-PEX	Note 1
2	2	3	WHA YU	C059-510402-A	Dipole Antenna	I-PEX	
3	3	1	WHA YU	C059-510402-A	Dipole Antenna	I-PEX	
4	1	-	WHA YU	C059-510402-A	Dipole Antenna	I-PEX	

Note 1

Ant.	Gain				
	WLAN 2.4G	WLAN 5G Band 1	WLAN 5G Band 2	WLAN 5G Band 3	Bluetooth
1	2.21	2.70	2.69	2.65	-
2	2.28	2.81	2.81	2.61	-
3	2.41	1.97	2.38	2.46	-
4	-	-	-	-	2.00

Note 2: The EUT has four antennas.

For WLAN function (3TX, 3RX):

Ant. 1 ~ Ant. 3 can be used as transmitting/receiving antenna.

Ant. 1 ~ Ant. 3 could transmit/receive simultaneously.

For Bluetooth function (1TX, 1RX):

Only Ant. 4 can be used as transmitting/receiving functions.

1.1.3 EUT Information

EUT Power Type	From Power Adapter
Test Software Version	telnet

1.1.4 Mode Test Duty Cycle

Mode	DC	DCF(dB)
BT-BR(1Mbps)	0.787	1.04
BT-BR-AFH(1Mbps)	0.788	1.035
BT-EDR(3Mbps)	0.789	1.029
BT-EDR-AFH(3Mbps)	0.789	1.029

1.1.5 Power Supply Voltage Fluctuation

Fluctuation	AC Input Power(V)	DC Output Power(V)	Variation (%)
Normal Vol	100	12.22	-
High Vol	110	12.22	0.000000
Low Vol	90	12.22	0.000000

Note: Voltage Variation (%) = (Output High or Low Voltage - Output Normal Voltage)/Output Normal Voltage X 100.

During the input supply voltage to the EUT from the external power source is varied by +/- 10%, if output voltage had been confirmed that the fluctuation of power supply to the RF circuit of EUT (excluding power source) is equal to or less than +/- 1%. Exempt extremely high and low supply voltage condition tests, EUT only operated in normal voltage to test all regulations.



1.2 Testing Applied Standards

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

- ♦ MIC Ordinance Regulating Radio Equipment Article 49.20
- ♦ MIC Notice No.88 Appendix No.43

1.3 Testing Location Information

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

Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
RF Conducted	TH01-CB	Paul Chen / Brian Sun	22°C / 54%	Mar. 08, 2018~Mar. 27, 2018

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	1.7 dB	Confidence levels of 95%
Radio frequency	6.6×10^{-8} MHz	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Channel Mode

Mode	Power Setting
BT-BR(1Mbps)	-
2402MHz	Max Setting
2441MHz	Max Setting
2480MHz	Max Setting
BT-BR-AFH(1Mbps)	-
2422MHz	Max Setting
2431MHz	Max Setting
2441MHz	Max Setting
BT-EDR(3Mbps)	-
2402MHz	Max Setting
2441MHz	Max Setting
2480MHz	Max Setting
BT-EDR-AFH(3Mbps)	-
2441MHz	Max Setting
2451MHz	Max Setting
2460MHz	Max Setting

2.2 The Worst Case Measurement Configuration

Tests Item	Frequency Error, Occupied Bandwidth, Spread Bandwidth, Spread Factor, Antenna Power, Antenna Power Error, Transmitter Spurious Emissions, Receiver Spurious Emissions, Identification Code, Hopping Frequency Dwell Time
Test Condition	Conducted measurement at transmit chains.

Note 1: The EUT supports AP/Repeater/ Mesh, only Repeater mode has been tested and recorded in this test report.

Note 2: The EUT can only be used in Z axis position.

2.3 EUT Operation during Test

During the test, "telnet" under WIN7 was executed the test program to control the EUT continuously transmit/receive RF signal.

2.4 Accessories

Accessories				
No.	Power	Brand Name	Model Name	Rating
1	Adapter	DVE	DSA-18CB-12 FCA 120150	Input: 100-240V~50/60Hz, 0.6A Output: +12V, 1.5A
Others				
Plug*1				
RJ-45 cable*1, Non Shielded, 1m				

2.5 Support Equipment

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

3 Test Result

3.1 Frequency Error

3.1.1 Frequency Error Limit

Frequency Error Limit
$\leq \pm 50$ ppm

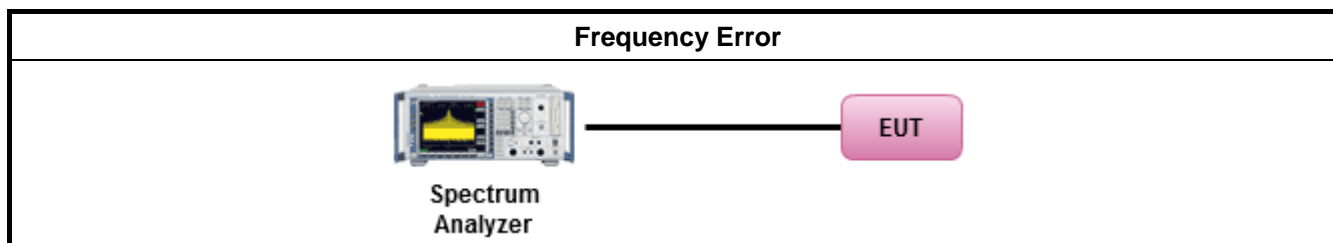
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

Test Method	
Measuring Equipment Conditions	MIC Notice No.88 Appendix No.43, clause 3.2
Conditions of Equipment under Test	MIC Notice No.88 Appendix No.43, clause 3.3
Measuring Operation Procedures	MIC Notice No.88 Appendix No.43, clause 3.4
Presentation of Results	MIC Notice No.88 Appendix No.43, clause 3.5
Other Conditions	MIC Notice No.88 Appendix No.43, clause 3.6

3.1.4 Test Setup



3.1.5 Test Result of Frequency Error

Refer as Appendix A

3.2 Occupied Bandwidth, Spread Bandwidth and Spread Factor

3.2.1 Occupied Bandwidth, Spread Bandwidth and Spread Factor Limit

Occupied Bandwidth Limit	
FHSS	83.5 MHz
FHSS + DSSS	83.5 MHz
FHSS + OFDM	83.5 MHz
OFDM	38 MHz
Other	26 MHz

Spread Bandwidth and Spread Factor Limit	
Spread Bandwidth	≥500kHz
Spread Factor	≥5

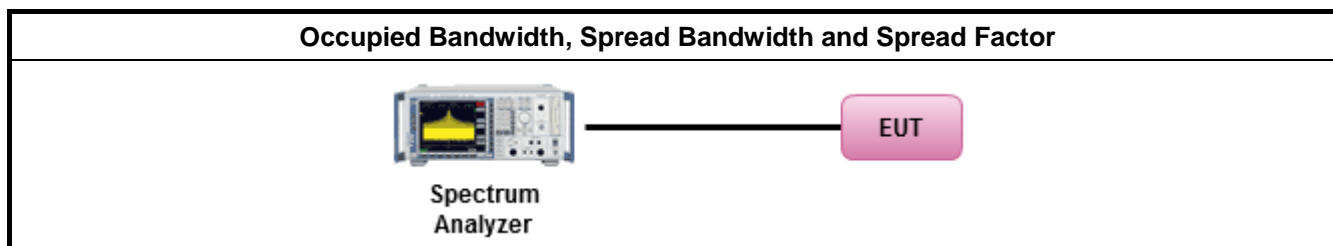
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

Test Method	
Measuring Equipment Conditions	MIC Notice No.88 Appendix No.43, clause 4.2
Conditions of Equipment under Test	MIC Notice No.88 Appendix No.43, clause 4.3
Measuring Operation Procedures	MIC Notice No.88 Appendix No.43, clause 4.4
Presentation of Results	MIC Notice No.88 Appendix No.43, clause 4.5
Other Conditions	MIC Notice No.88 Appendix No.43, clause 4.6

3.2.4 Test Setup



3.2.5 Test Result of Occupied Bandwidth / Spread Bandwidth / Spread Factor

Refer as Appendix B

3.3 Antenna Power, Antenna Power Error

3.3.1 Antenna Power and Antenna Power Error Limit

Antenna Power Limit (mW/MHz)
$\leq 3\text{mW/MHz}$ (FHSS, FHSS+DSSS, FHSS+OFDM form 2427~2470.75 MHz) $\leq 10\text{mW/MHz}$ (DSSS from 2400~2483.5MHz) $\leq 10\text{mW/MHz}$ (OFDM from 2400~2483.5MHz) – [OBW \leq 26MHz] $\leq 5\text{mW/MHz}$ (OFDM from 2400~2483.5MHz) – [26MHz<OBW \leq 38MHz] $\leq 10\text{mW}$ (Other from 2400~2483.5MHz)

Antenna Power Error Limit (%)
+20% ~ -80%

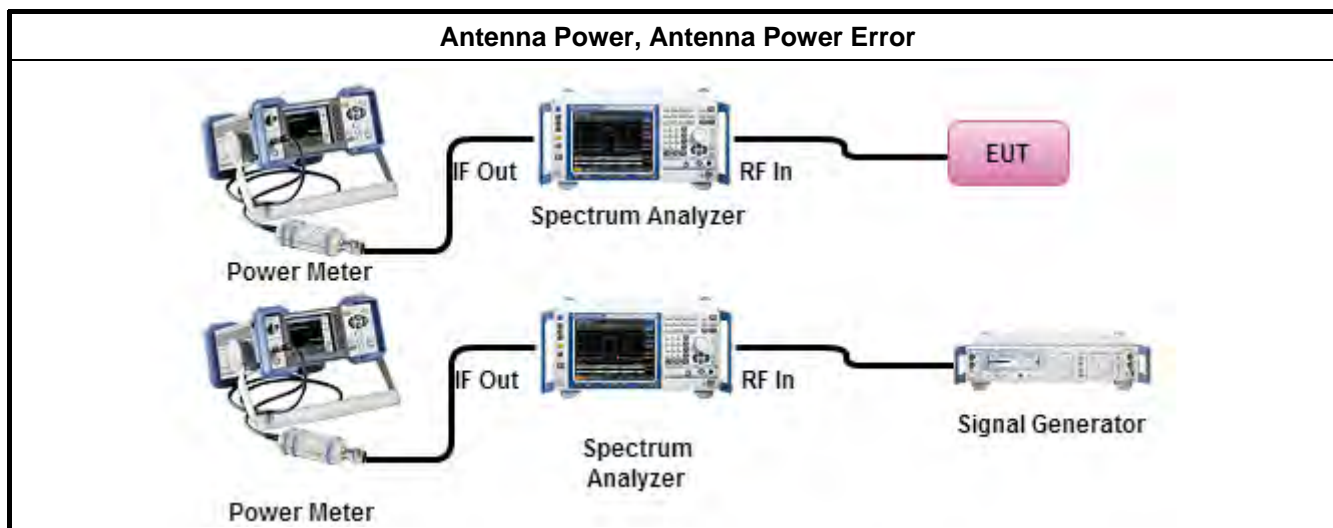
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

Test Method	
Measuring Equipment Conditions	MIC Notice No.88 Appendix No.43, clause 6.2
Conditions of Equipment under Test	MIC Notice No.88 Appendix No.43, clause 6.3
Measuring Operation Procedures	MIC Notice No.88 Appendix No.43, clause 6.4
Presentation of Results	MIC Notice No.88 Appendix No.43, clause 6.5
Other Conditions	MIC Notice No.88 Appendix No.43, clause 6.6

3.3.4 Test Setup



3.3.5 Test Result of Antenna Power and Antenna Power Error

Refer as Appendix C

3.4 Transmitter Spurious Emissions

3.4.1 Transmitter Spurious Emissions Limit

Transmitter Spurious Emissions		Limit	
Range (MHz)		uW/MHz	dBm/MHz
30	2387	2.5	-26
2387	2400	25	-16
2483.5	2496.5	25	-16
2496.5	12500	2.5	-26

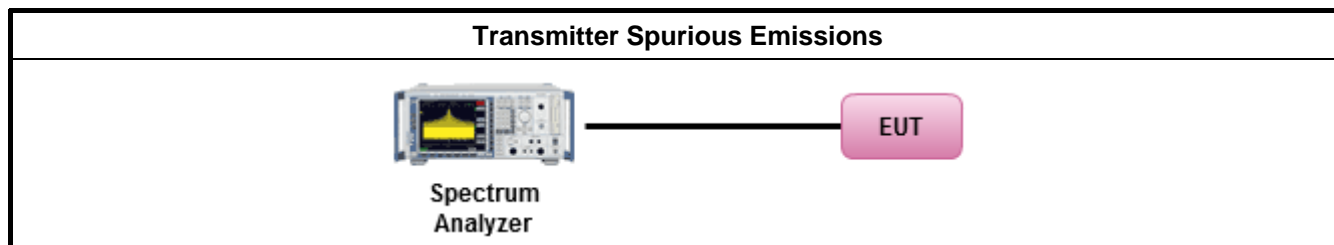
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

Test Method	
Measuring Equipment Conditions	MIC Notice No.88 Appendix No.1, clause 1.3
Conditions of Equipment under Test	MIC Notice No.88 Appendix No.1, clause 1.4
Measuring Operation Procedures	MIC Notice No.88 Appendix No.1, clause 1.5
Presentation of Results	MIC Notice No.88 Appendix No.1, clause 1.6

3.4.4 Test Setup



3.4.5 Test Result of Transmitter Spurious Emissions

Refer as Appendix D

3.5 Receiver Spurious Emissions

3.5.1 Receiver Spurious Emissions Limit

RX Spurious Emission		Limit			
Range (MHz)		nW		dBm	
30	1000	4	4	-54	-54
1000	12500	20	20	-47	-47

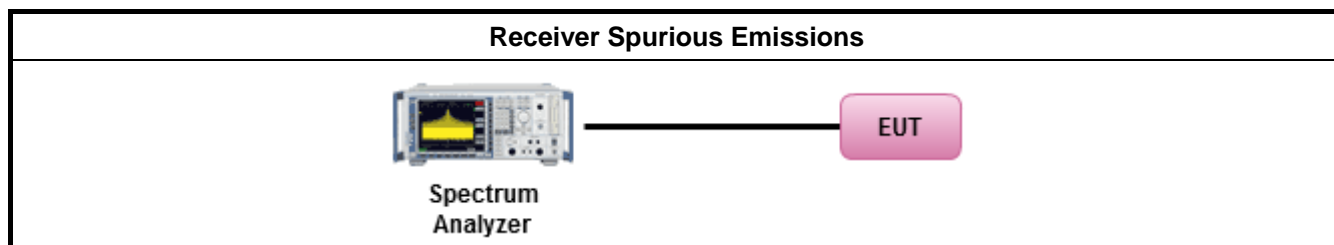
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

Test Method	
Measuring Equipment Conditions	MIC Notice No.88 Appendix No.43, clause 7.2
Conditions of Equipment under Test	MIC Notice No.88 Appendix No.43, clause 7.3
Measuring Operation Procedures	MIC Notice No.88 Appendix No.43, clause 7.4
Presentation of Results	MIC Notice No.88 Appendix No.43, clause 7.5
Other Conditions	MIC Notice No.88 Appendix No.43, clause 7.6

3.5.4 Test Setup



3.5.5 Test Result of Receiver Spurious Emissions

Refer as Appendix E

3.6 Identification Code

3.6.1 Identification Code Limit

Identification Code Limit
≤ 48 bits

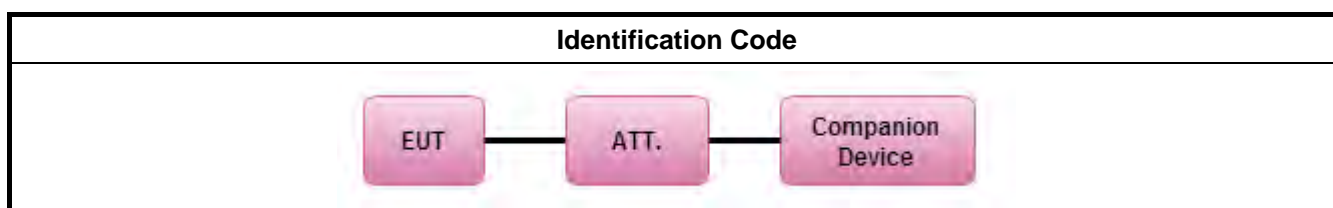
3.6.2 Measuring Instruments

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

3.6.3 Test Procedures

Test Method	
Measuring Equipment Conditions	MIC Notice No.88 Appendix No.43, clause 12.2
Conditions of Equipment under Test	MIC Notice No.88 Appendix No.43, clause 12.3
Measuring Operation Procedures	MIC Notice No.88 Appendix No.43, clause 12.4
Presentation of Results	MIC Notice No.88 Appendix No.43, clause 12.5
Other Conditions	MIC Notice No.88 Appendix No.43, clause 12.6

3.6.4 Test Setup



3.6.5 Test Result of Identification Code

Refer as Appendix F

3.7 Hopping Frequency Dwell Time

3.7.1 Hopping Frequency Dwell Time Limit

Hopping Frequency Dwell Time Limit	
<input checked="" type="checkbox"/>	2400-2483.5 MHz Band: Dwell time ≤ 0.4 second within $0.4 \times N$
N: Number of Hopping Frequencies	

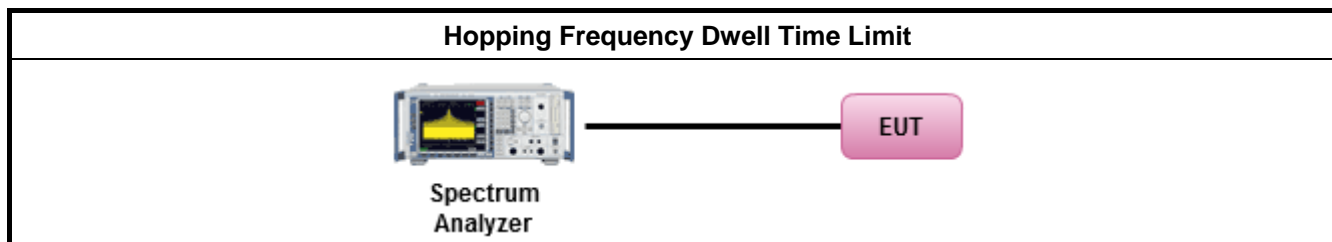
3.7.2 Measuring Instruments

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

3.7.3 Test Procedures

Test Method	
Measuring Equipment Conditions	MIC Notice No.88 Appendix No.43, clause 13.2
Conditions of Equipment under Test	MIC Notice No.88 Appendix No.43, clause 13.3
Measuring Operation Procedures	MIC Notice No.88 Appendix No.43, clause 13.4
Presentation of Results	MIC Notice No.88 Appendix No.43, clause 13.5
Other Conditions	MIC Notice No.88 Appendix No.43, clause 13.6

3.7.4 Test Setup



3.7.5 Test Result of Hopping Frequency Dwell Time Limit

Refer as Appendix G

3.8 EUT Construction Protection


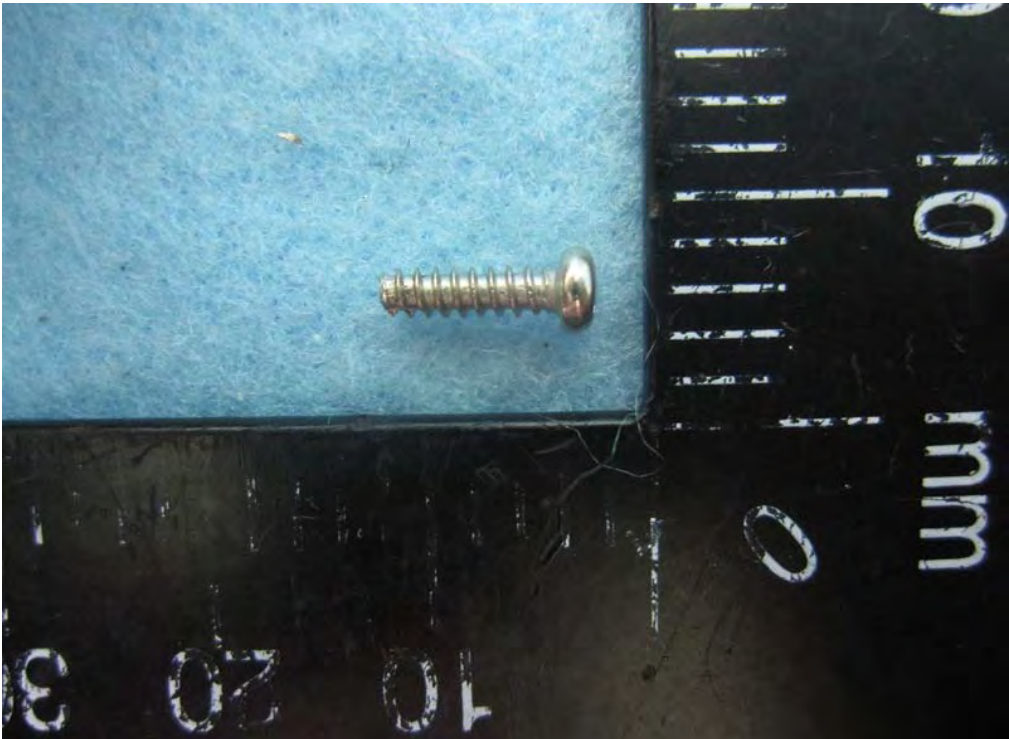
3.8.1 EUT Construction Protection Limit

EUT Construction Protection Limit	
The high-frequency section and modulation section of the radio equipment except for the antenna system shall not be capable of being opened easily.	

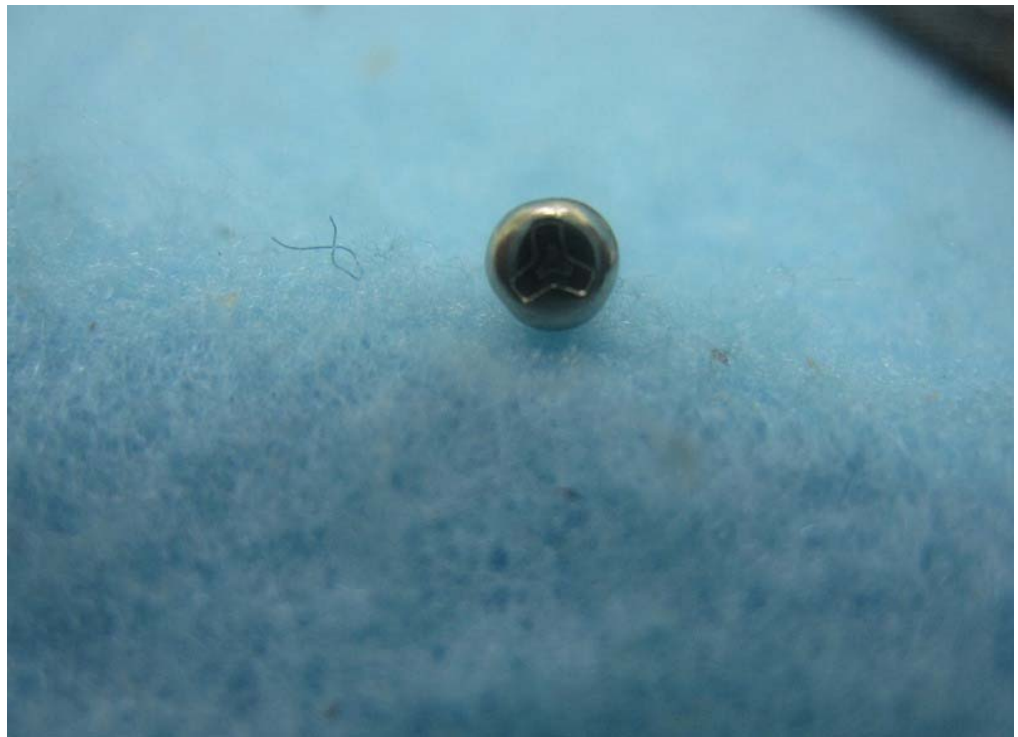
3.8.2 EUT Construction Protection

EUT Construction Protection	
Protected Method	Description
Shielding Case	RF and Modulation components are covered with shielding case and this shielding case is soldered
Special Screw	RF and Modulation components are covered within case of EUT and this case used special screw to protect anybody to open this case

3.8.3 Reference Documents

<p>Photo (Shielding Case)</p>	
<p>Photo (Special Screw)</p>	

**Photo
(Special Screw)**



4 Test Equipment and Calibration Data

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Calibration Method	Calibration Agent Name	Remark
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	Dec. 21, 2017	Dec. 20, 2018	c)	A	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-06	1 GHz ~ 26.5 GHz	Oct. 11, 2017	Oct. 10, 2018	c)	B	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-07	1 GHz ~ 26.5 GHz	Oct. 11, 2017	Oct. 10, 2018	c)	B	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-08	1 GHz ~ 26.5 GHz	Oct. 11, 2017	Oct. 10, 2018	c)	B	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-09	1 GHz ~ 26.5 GHz	Oct. 11, 2017	Oct. 10, 2018	c)	B	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz ~ 26.5 GHz	Oct. 11, 2017	Oct. 10, 2018	c)	B	Conducted (TH01-CB)
Power Sensor	Agilent	U2021XA	MY53410001	50MHz~18GHz	Nov. 20, 2017	Nov. 19, 2018	c)	A	Conducted (TH01-CB)

Note:

1. Calibration Interval of instruments listed above is one year.
2. N.C.R. means Non-Calibration required.
3. Calibration Agent Name: Describe calibration agent name with its country name, and symbols in "Calibration Agent Name" shows the agent names as follows,
A: Electronics Testing Center, Taiwan.
B: Sporton International Inc., Taiwan.
C: ROHDE&SCHWARZ., Taiwan.
4. Calibration Method
 - a) : Calibration conducted by the National Institute of Information and Communications Technology or a designated calibration agency under Article 102-18 paragraph (1)
 - b) : Correction conducted pursuant to the provisions of Article 135 or Article 144 of the Measurement Law (Law No. 51 of 1992)
 - c) : 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)
 - d) : Calibration conducted by using other equipment that listed above from a) to c)



Frequency Tolerance-FHSS Result

Appendix A

Summary

Mode	Result	Ch (Hz)	Center (Hz)	ppm	Limit (ppm)	Port	Remark
2.4-2.4835GHz	-	-	-	-	-	-	-
BT-BR(1Mbps)	Pass	2.48G	2.479984G	-6.389	±50	1	-
BT-BR-AFH(1Mbps)	Pass	2.441G	2.440984G	-6.529	±50	1	-
BT-EDR(3Mbps)	Pass	2.441G	2.440984G	-6.452	±50	1	-
BT-EDR-AFH(3Mbps)	Pass	2.441G	2.440984G	-6.491	±50	1	-

Result

Mode	Result	Ch (Hz)	Center (Hz)	ppm	Limit (ppm)	Port	Remark
BT-BR(1Mbps)	-	-	-	-	-	-	-
2402MHz_TnomVnom	Pass	2.402G	2.401985G	-6.362	±50	1	-
2441MHz_TnomVnom	Pass	2.441G	2.440984G	-6.375	±50	1	-
2480MHz_TnomVnom	Pass	2.48G	2.479984G	-6.389	±50	1	-
BT-BR-AFH(1Mbps)	-	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	2.422G	2.421985G	-6.387	±50	1	-
2431MHz_TnomVnom	Pass	2.431G	2.430984G	-6.44	±50	1	-
2441MHz_TnomVnom	Pass	2.441G	2.440984G	-6.529	±50	1	-
BT-EDR(3Mbps)	-	-	-	-	-	-	-
2402MHz_TnomVnom	Pass	2.402G	2.401985G	-6.362	±50	1	-
2441MHz_TnomVnom	Pass	2.441G	2.440984G	-6.452	±50	1	-
2480MHz_TnomVnom	Pass	2.48G	2.479984G	-6.426	±50	1	-
BT-EDR-AFH(3Mbps)	-	-	-	-	-	-	-
2441MHz_TnomVnom	Pass	2.441G	2.440984G	-6.491	±50	1	-
2451MHz_TnomVnom	Pass	2.451G	2.450985G	-6.311	±50	1	-
2460MHz_TnomVnom	Pass	2.46G	2.459984G	-6.441	±50	1	-



Occupied Bandwidth-FHSS Result

Appendix B.1

Summary

Mode	Max-OBW (MHz)	ITU-Code	Min-OBW (MHz)
2.4-2.4835GHz	-	-	-
BT-BR(1Mbps)	78.8	78M8F1D	78.8
BT-BR-AFH(1Mbps)	20.7	20M7F1D	20.7
BT-EDR(3Mbps)	78.9	78M9G1D	78.9
BT-EDR-AFH(3Mbps)	20.9	20M9G1D	20.9

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

Result

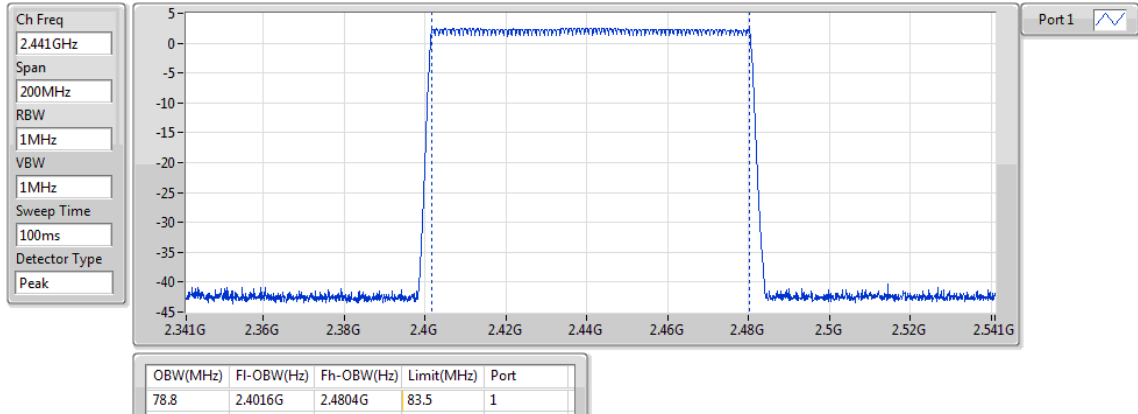
Mode	Result	Limit (MHz)	P1-OBW (MHz)
BT-BR(1Mbps)	-	-	-
Hopping Mode_TnomVnom	Pass	83.5	78.8
BT-BR-AFH(1Mbps)	-	-	-
Hopping Mode_TnomVnom	Pass	83.5	20.7
BT-EDR(3Mbps)	-	-	-
Hopping Mode_TnomVnom	Pass	83.5	78.9
BT-EDR-AFH(3Mbps)	-	-	-
Hopping Mode_TnomVnom	Pass	83.5	20.9

P1-OBW = Port 1 99% occupied bandwidth; **P2-OBW** = Port 2 99% occupied bandwidth; **P3-OBW** = Port 3 99% occupied bandwidth;
P4-OBW = Port 4 99% occupied bandwidth;

BT-BR(1Mbps)

OBW

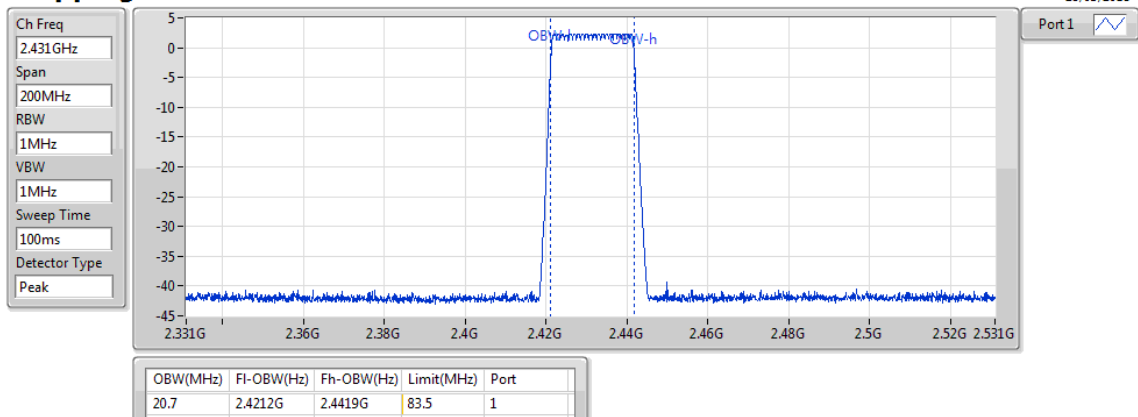
Hopping Mode_TnomVnom



BT-BR-AFH(1Mbps)

OBW

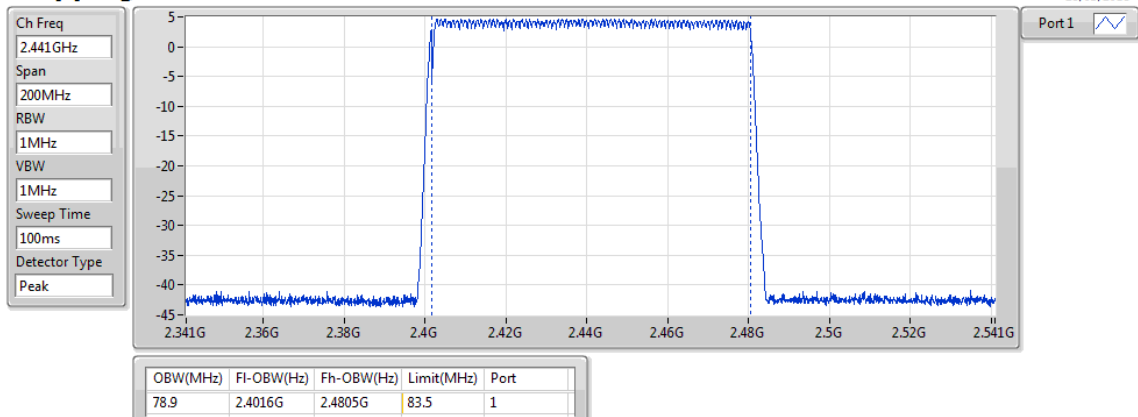
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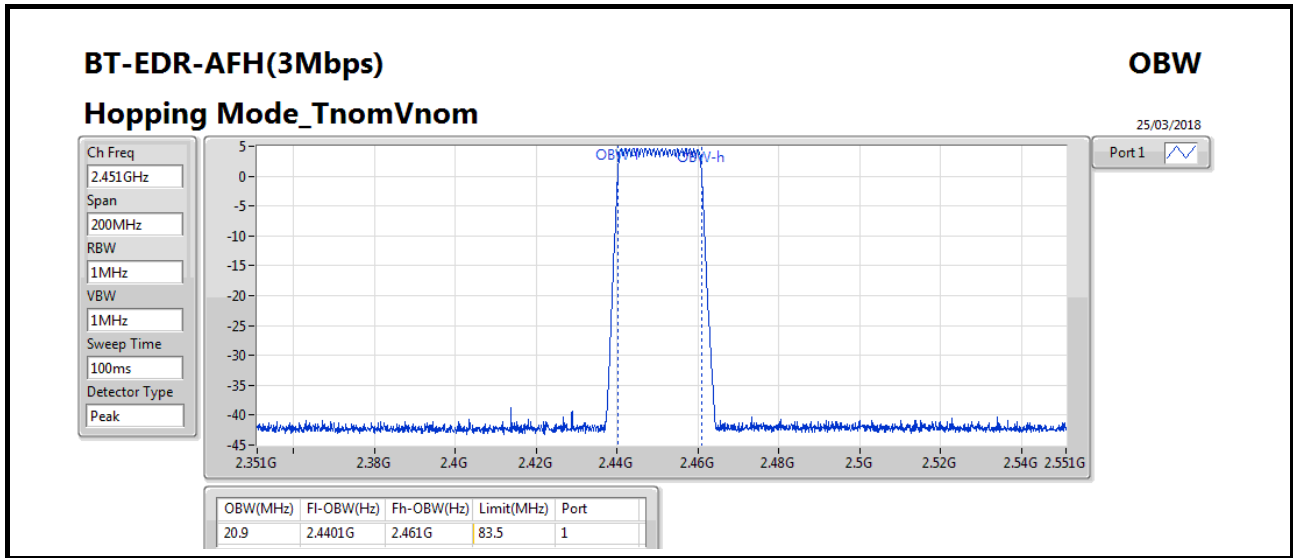


BT-EDR(3Mbps)

OBW

Hopping Mode_TnomVnom





Summary

Mode	Max-SBW (Hz)	Min-SBW (Hz)	Max-SF	Min-SF
2.4-2.4835GHz	-	-	-	-
BT-BR(1Mbps)	71.7	71.7	71.7	71.7
BT-BR-AFH(1Mbps)	18.6	18.6	18.6	18.6
BT-EDR(3Mbps)	71.8	71.8	71.8	71.8
BT-EDR-AFH(3Mbps)	18.7	18.7	18.7	18.7

Max-SBW = Maximumspreading bandwidth; **Min-SBW** = Minimumspreading bandwidth;
Max-SF = Maximumspreading factor; **Min-SF** = Minimumspreading factor;

Result

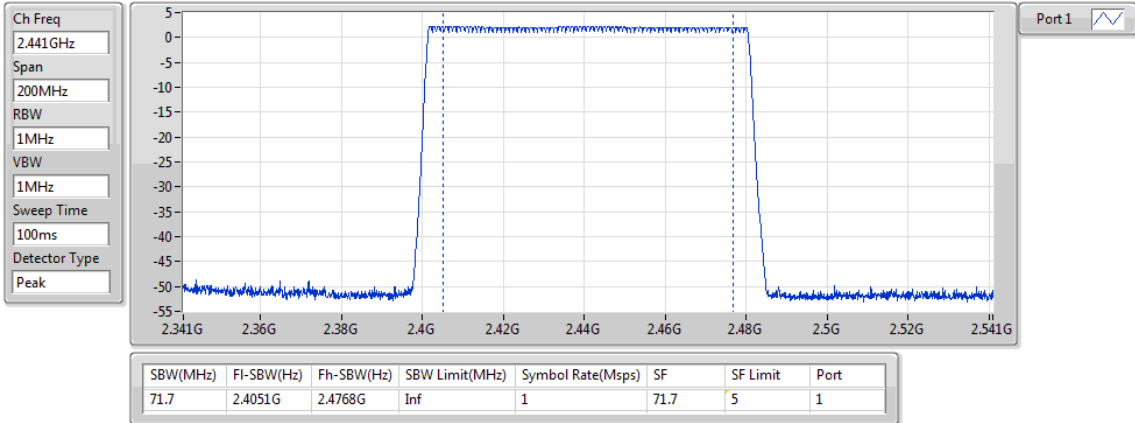
Mode	Result	SBW Limit (MHz)	Symbol Rate (Msps)	SF Limit	P1-SBW (MHz)	P1-SF
BT-BR(1Mbps)	-	-	-	-	-	-
Hopping Mode_TnomVnom	Pass	0.5	1	5	71.7	71.7
BT-BR-AFH(1Mbps)	-	-	-	-	-	-
Hopping Mode_TnomVnom	Pass	0.5	1	5	18.6	18.6
BT-EDR(3Mbps)	-	-	-	-	-	-
Hopping Mode_TnomVnom	Pass	0.5	1	5	71.8	71.8
BT-EDR-AFH(3Mbps)	-	-	-	-	-	-
Hopping Mode_TnomVnom	Pass	0.5	1	5	18.7	18.7

P1-SBW = Port 1 spreading bandwidth;**P2-SBW** = Port 2spreading bandwidth;**P3-SBW** = Port 3spreading bandwidth;
P4-SBW = Port 4spreading bandwidth;
P1-SF = Port 1 spreading factor;**P2-SF** = Port 2spreading factor;**P3-SF** = Port 3spreading factor;**P4-SF** = Port 4spreading factor;

BT-BR(1Mbps)

SBW

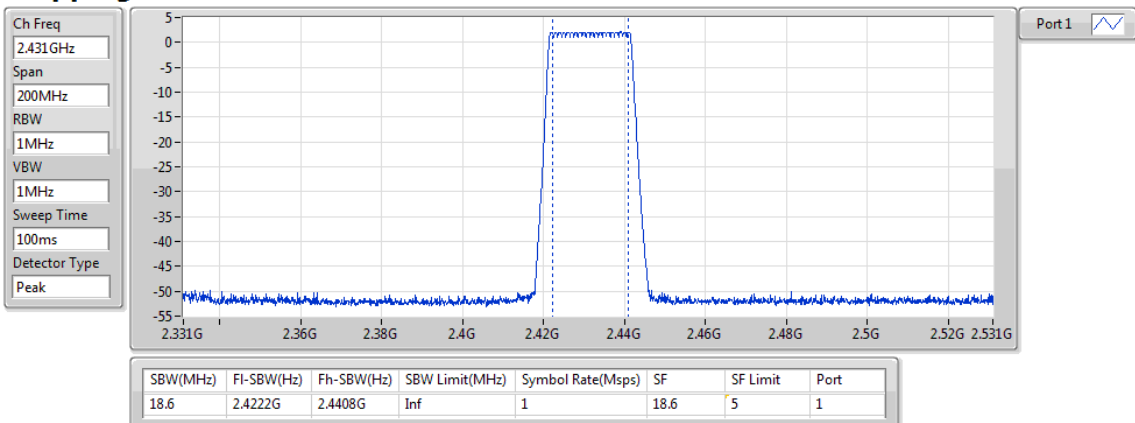
Hopping Mode_TnomVnom



BT-BR-AFH(1Mbps)

SBW

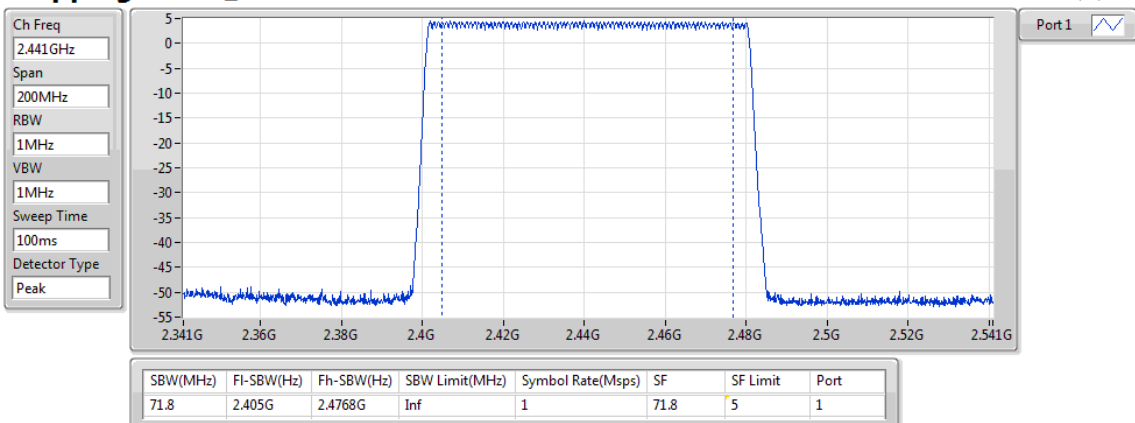
Hopping Mode_TnomVnom

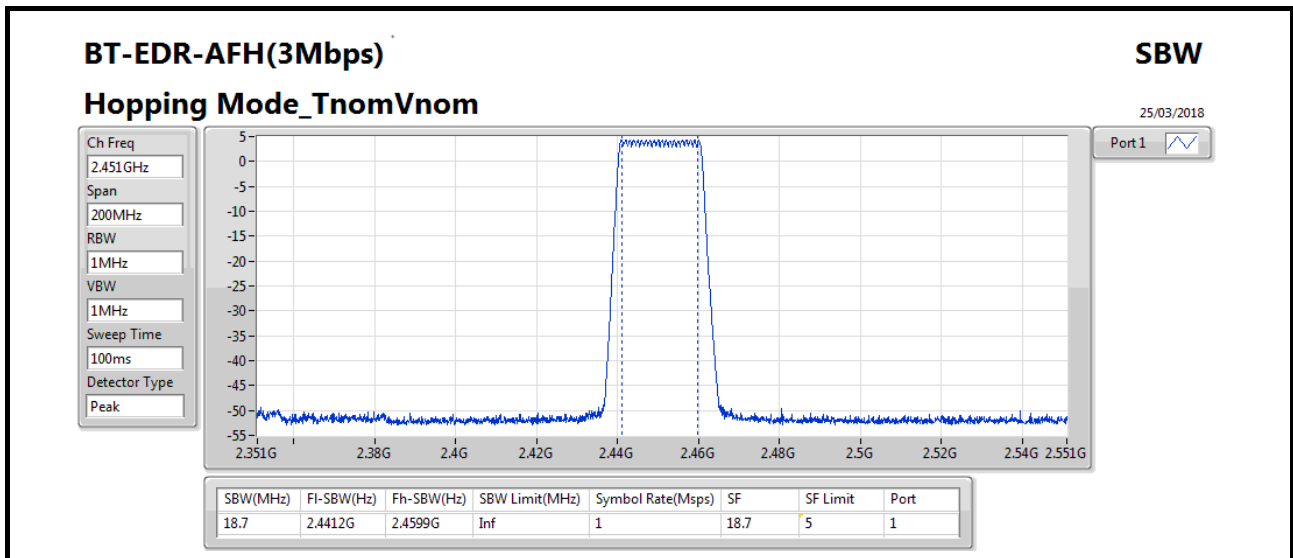


BT-EDR(3Mbps)

SBW

Hopping Mode_TnomVnom





Summary

Mode	Power (dBm)	Power (mW)	EIRP (dBm)	EIRP (mW)
2.4-2.4835GHz	-	-	-	-
BT-BR(1Mbps)	3.49	2.23	5.49	3.54
BT-BR-AFH(1Mbps)	3.53	2.25	5.53	3.57
BT-EDR(3Mbps)	3.78	2.39	5.78	3.78
BT-EDR-AFH(3Mbps)	3.75	2.37	5.75	3.76

P1 = Port 1 output power; **P2** = Port 2 output power; **P3** = Port 3 output power; **P4** = Port 4 output power;
Power = Total power sum by **P1-PN**;

Result

Mode	Result	Gain (dBi)	Power (dBm)	Power (mW)	Power Lim. (mW)	P1 (dBm)
BT-BR(1Mbps)	-	-	-	-	-	-
2402MHz_TnomVnom	Pass	2.00	3.46	2.218	3.00	3.46
2441MHz_TnomVnom	Pass	2.00	3.49	2.234	3.00	3.49
2480MHz_TnomVnom	Pass	2.00	3.37	2.173	3.00	3.37
BT-BR-AFH(1Mbps)	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	2.00	3.43	2.203	3.00	3.43
2431MHz_TnomVnom	Pass	2.00	3.41	2.193	3.00	3.41
2441MHz_TnomVnom	Pass	2.00	3.53	2.254	3.00	3.53
BT-EDR(3Mbps)	-	-	-	-	-	-
2402MHz_TnomVnom	Pass	2.00	3.72	2.355	3.00	3.72
2441MHz_TnomVnom	Pass	2.00	3.78	2.388	3.00	3.78
2480MHz_TnomVnom	Pass	2.00	3.64	2.312	3.00	3.64
BT-EDR-AFH(3Mbps)	-	-	-	-	-	-
2441MHz_TnomVnom	Pass	2.00	3.75	2.371	3.00	3.75
2451MHz_TnomVnom	Pass	2.00	3.73	2.360	3.00	3.73
2460MHz_TnomVnom	Pass	2.00	3.69	2.339	3.00	3.69

P1 = Port 1 output power; **P2** = Port 2 output power; **P3** = Port 3 output power; **P4** = Port 4 output power;
Power = Total power sum by **P1-PN**;

Summary

Mode	Result	Power (dBm/MHz)	Power (mW/MHz)	Declare (dBm/MHz)	Declare (mW/MHz)	Tolerance (%)	Limit+ (%)	Limit- (%)
2.4-2.4835GHz	-	-	-	-	-	-	-	-
BT-BR(1Mbps)	Pass	-14.02	0.03958	3.78	2.39	-6.10	20	-80
BT-BR-AFH(1Mbps)	Pass	-8.13	0.15380	3.75	2.37	-4.31	20	-80
BT-EDR(3Mbps)	Pass	-13.75	0.04215	3.78	2.39	0.00	20	-80
BT-EDR-AFH(3Mbps)	Pass	-7.94	0.16072	3.75	2.37	0.00	20	-80

Result

Mode	Result	Power (dBm/MHz)	Power (mW/MHz)	Declare (dBm/MHz)	Declare (mW/MHz)	Tolerance (%)	Limit+ (%)	Limit- (%)
BT-BR(1Mbps)	-	-	-	-	-	-	-	-
2402MHz_TnomVnom	Pass	-14.05	0.03931	3.78	2.39	-6.74	20	-80
2441MHz_TnomVnom	Pass	-14.02	0.03958	3.78	2.39	-6.10	20	-80
2480MHz_TnomVnom	Pass	-14.14	0.03850	3.78	2.39	-8.66	20	-80
BT-BR-AFH(1Mbps)	-	-	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	-8.23	0.15030	3.75	2.37	-6.48	20	-80
2431MHz_TnomVnom	Pass	-8.25	0.14961	3.75	2.37	-6.91	20	-80
2441MHz_TnomVnom	Pass	-8.13	0.15380	3.75	2.37	-4.31	20	-80
BT-EDR(3Mbps)	-	-	-	-	-	-	-	-
2402MHz_TnomVnom	Pass	-13.81	0.04157	3.78	2.39	-1.38	20	-80
2441MHz_TnomVnom	Pass	-13.75	0.04215	3.78	2.39	0.00	20	-80
2480MHz_TnomVnom	Pass	-13.89	0.04081	3.78	2.39	-3.18	20	-80
BT-EDR-AFH(3Mbps)	-	-	-	-	-	-	-	-
2441MHz_TnomVnom	Pass	-7.94	0.16072	3.75	2.37	0.00	20	-80
2451MHz_TnomVnom	Pass	-7.96	0.15999	3.75	2.37	-0.45	20	-80
2460MHz_TnomVnom	Pass	-8.00	0.15852	3.75	2.37	-1.37	20	-80

**Summary**

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	Freq (MHz)	Psum (dBm)	Psum (uW)	Limit (dBm)	Limit (uW)	Margin (dB)	Loss (dB)	P1 (dBm)	P1 (uW)
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-
BT-BR(1Mbps)	Pass	2.387G	2.4G	1M	2399.974	-24.54	3.5156	-16.02	25.00345	-8.52	0.50	-24.54	3.5156
BT-BR-AFH(1Mbps)	Pass	2.4965G	12.5G	1M	4843.571	-38.48	0.14191	-26.02	2.50035	-12.46	0.50	-38.48	0.14191
BT-EDR(3Mbps)	Pass	2.387G	2.4G	1M	2399.974	-22.54	5.57186	-16.02	25.00345	-6.52	0.50	-22.54	5.57186
BT-EDR-AFH(3Mbps)	Pass	2.4965G	12.5G	1M	4919.848	-36.92	0.20324	-26.02	2.50035	-10.90	0.50	-36.92	0.20324

**Result**

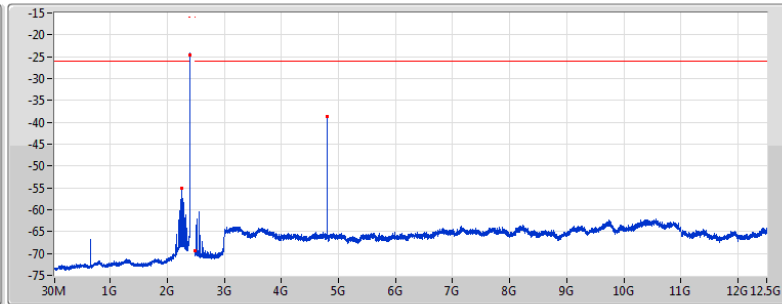
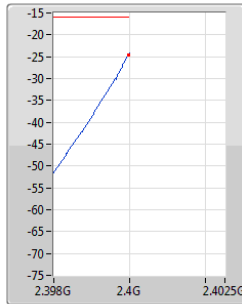
Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	Freq (MHz)	Psum (dBm)	Psum (uW)	Limit (dBm)	Limit (uW)	Margin (dB)	Loss (dB)	P1 (dBm)	P1 (uW)
BT-BR(1Mbps)	-	-	-	-	-	-	-	-	-	-	-	-	-
2402MHz_TnomVnom	Pass	30M	2.387G	1M	2246.758	-55.09	0.0031	-26.02	2.50035	-29.07	0.50	-55.09	0.0031
2402MHz_TnomVnom	Pass	2.387G	2.4G	1M	2399.974	-24.54	3.5156	-16.02	25.00345	-8.52	0.50	-24.54	3.5156
2402MHz_TnomVnom	Pass	2.4835G	2.4965G	1M	2485.996	-69.40	0.00011	-16.02	25.00345	-53.38	0.50	-69.40	0.00011
2402MHz_TnomVnom	Pass	2.4965G	12.5G	1M	4803.557	-38.71	0.13459	-26.02	2.50035	-12.69	0.50	-38.71	0.13459
2441MHz_TnomVnom	Pass	30M	2.387G	1M	2285.649	-55.23	0.003	-26.02	2.50035	-29.21	0.50	-55.23	0.003
2441MHz_TnomVnom	Pass	2.387G	2.4G	1M	2389.002	-64.43	0.00036	-16.02	25.00345	-48.41	0.50	-64.43	0.00036
2441MHz_TnomVnom	Pass	2.4835G	2.4965G	1M	2492.912	-66.17	0.00024	-16.02	25.00345	-50.15	0.50	-66.17	0.00024
2441MHz_TnomVnom	Pass	2.4965G	12.5G	1M	4881.084	-39.13	0.12218	-26.02	2.50035	-13.11	0.50	-39.13	0.12218
2480MHz_TnomVnom	Pass	30M	2.387G	1M	2324.539	-56.05	0.00248	-26.02	2.50035	-30.03	0.50	-56.05	0.00248
2480MHz_TnomVnom	Pass	2.387G	2.4G	1M	2391.966	-69.27	0.00012	-16.02	25.00345	-53.25	0.50	-69.27	0.00012
2480MHz_TnomVnom	Pass	2.4835G	2.4965G	1M	2483.526	-40.04	0.09908	-16.02	25.00345	-24.02	0.50	-40.04	0.09908
2480MHz_TnomVnom	Pass	2.4965G	12.5G	1M	4959.862	-38.33	0.14689	-26.02	2.50035	-12.31	0.50	-38.33	0.14689
BT-BR-AFH(1Mbps)	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	30M	2.387G	1M	2266.793	-54.96	0.00319	-26.02	2.50035	-28.94	0.50	-54.96	0.00319
2422MHz_TnomVnom	Pass	2.387G	2.4G	1M	2390.042	-67.72	0.00017	-16.02	25.00345	-51.70	0.50	-67.72	0.00017
2422MHz_TnomVnom	Pass	2.4835G	2.4965G	1M	2496.058	-69.84	0.0001	-16.02	25.00345	-53.82	0.50	-69.84	0.0001
2422MHz_TnomVnom	Pass	2.4965G	12.5G	1M	4843.571	-38.48	0.14191	-26.02	2.50035	-12.46	0.50	-38.48	0.14191
2431MHz_TnomVnom	Pass	30M	2.387G	1M	2275.043	-59.84	0.00104	-26.02	2.50035	-33.82	0.50	-59.84	0.00104
2431MHz_TnomVnom	Pass	2.387G	2.4G	1M	2399.116	-67.75	0.00017	-16.02	25.00345	-51.73	0.50	-67.75	0.00017
2431MHz_TnomVnom	Pass	2.4835G	2.4965G	1M	2483.526	-68.85	0.00013	-16.02	25.00345	-52.83	0.50	-68.85	0.00013
2431MHz_TnomVnom	Pass	2.4965G	12.5G	1M	4862.328	-40.06	0.09863	-26.02	2.50035	-14.04	0.50	-40.06	0.09863
2441MHz_TnomVnom	Pass	30M	2.387G	1M	2285.649	-55.39	0.00289	-26.02	2.50035	-29.37	0.50	-55.39	0.00289
2441MHz_TnomVnom	Pass	2.387G	2.4G	1M	2389.028	-64.62	0.00035	-16.02	25.00345	-48.60	0.50	-64.62	0.00035
2441MHz_TnomVnom	Pass	2.4835G	2.4965G	1M	2493.016	-66.26	0.00024	-16.02	25.00345	-50.24	0.50	-66.26	0.00024
2441MHz_TnomVnom	Pass	2.4965G	12.5G	1M	4882.335	-39.82	0.10423	-26.02	2.50035	-13.80	0.50	-39.82	0.10423
BT-EDR(3Mbps)	-	-	-	-	-	-	-	-	-	-	-	-	-
2402MHz_TnomVnom	Pass	30M	2.387G	1M	2246.758	-55.52	0.00281	-26.02	2.50035	-29.50	0.50	-55.52	0.00281
2402MHz_TnomVnom	Pass	2.387G	2.4G	1M	2399.974	-22.54	5.57186	-16.02	25.00345	-6.52	0.50	-22.54	5.57186
2402MHz_TnomVnom	Pass	2.4835G	2.4965G	1M	2485.866	-69.59	0.00011	-16.02	25.00345	-53.57	0.50	-69.59	0.00011
2402MHz_TnomVnom	Pass	2.4965G	12.5G	1M	4803.557	-39.05	0.12445	-26.02	2.50035	-13.03	0.50	-39.05	0.12445
2441MHz_TnomVnom	Pass	30M	2.387G	1M	2285.649	-55.54	0.00279	-26.02	2.50035	-29.52	0.50	-55.54	0.00279
2441MHz_TnomVnom	Pass	2.387G	2.4G	1M	2389.002	-65.04	0.00031	-16.02	25.00345	-49.02	0.50	-65.04	0.00031
2441MHz_TnomVnom	Pass	2.4835G	2.4965G	1M	2493.094	-66.55	0.00022	-16.02	25.00345	-50.53	0.50	-66.55	0.00022
2441MHz_TnomVnom	Pass	2.4965G	12.5G	1M	4882.335	-38.53	0.14028	-26.02	2.50035	-12.51	0.50	-38.53	0.14028
2480MHz_TnomVnom	Pass	30M	2.387G	1M	2324.539	-56.22	0.00239	-26.02	2.50035	-30.20	0.50	-56.22	0.00239
2480MHz_TnomVnom	Pass	2.387G	2.4G	1M	2392.07	-69.33	0.00012	-16.02	25.00345	-53.31	0.50	-69.33	0.00012
2480MHz_TnomVnom	Pass	2.4835G	2.4965G	1M	2483.526	-39.01	0.1256	-16.02	25.00345	-22.99	0.50	-39.01	0.1256
2480MHz_TnomVnom	Pass	2.4965G	12.5G	1M	4959.862	-37.50	0.17783	-26.02	2.50035	-11.48	0.50	-37.50	0.17783
BT-EDR-AFH(3Mbps)	-	-	-	-	-	-	-	-	-	-	-	-	-
2441MHz_TnomVnom	Pass	30M	2.387G	1M	2285.649	-55.51	0.00281	-26.02	2.50035	-29.49	0.50	-55.51	0.00281
2441MHz_TnomVnom	Pass	2.387G	2.4G	1M	2389.106	-65.01	0.00032	-16.02	25.00345	-48.99	0.50	-65.01	0.00032
2441MHz_TnomVnom	Pass	2.4835G	2.4965G	1M	2492.99	-66.61	0.00022	-16.02	25.00345	-50.59	0.50	-66.61	0.00022
2441MHz_TnomVnom	Pass	2.4965G	12.5G	1M	4882.335	-38.84	0.13062	-26.02	2.50035	-12.82	0.50	-38.84	0.13062
2451MHz_TnomVnom	Pass	30M	2.387G	1M	2295.077	-56.48	0.00225	-26.02	2.50035	-30.46	0.50	-56.48	0.00225
2451MHz_TnomVnom	Pass	2.387G	2.4G	1M	2399.012	-64.90	0.00032	-16.02	25.00345	-48.88	0.50	-64.90	0.00032
2451MHz_TnomVnom	Pass	2.4835G	2.4965G	1M	2488.648	-69.27	0.00012	-16.02	25.00345	-53.25	0.50	-69.27	0.00012
2451MHz_TnomVnom	Pass	2.4965G	12.5G	1M	4902.342	-38.54	0.13996	-26.02	2.50035	-12.52	0.50	-38.54	0.13996
2460MHz_TnomVnom	Pass	30M	2.387G	1M	2304.505	-55.52	0.00281	-26.02	2.50035	-29.50	0.50	-55.52	0.00281
2460MHz_TnomVnom	Pass	2.387G	2.4G	1M	2396.386	-69.19	0.00012	-16.02	25.00345	-53.17	0.50	-69.19	0.00012
2460MHz_TnomVnom	Pass	2.4835G	2.4965G	1M	2485.684	-68.69	0.00014	-16.02	25.00345	-52.67	0.50	-68.69	0.00014
2460MHz_TnomVnom	Pass	2.4965G	12.5G	1M	4919.848	-36.92	0.20324	-26.02	2.50035	-10.90	0.50	-36.92	0.20324

BT-BR(1Mbps)

CSE-TX-FS

2402MHz_TnomVnom

25/03/2018



Limit
Port 1

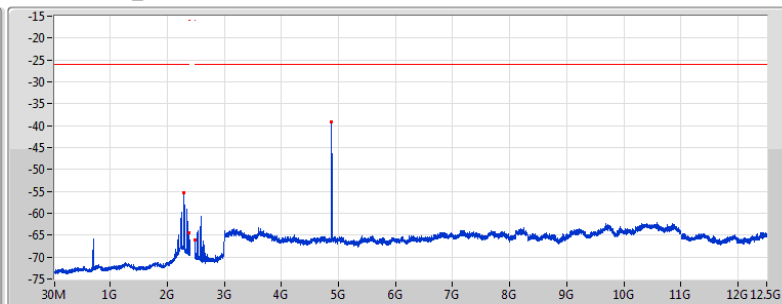
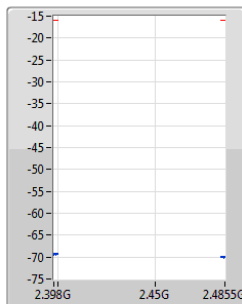
Freq(MHz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
2246.758	-55.09	-26.02	-29.07	-55.09
2399.974	-24.54	-16.02	-8.52	-24.54
2485.996	-69.40	-16.02	-53.38	-69.40
4803.557	-38.71	-26.02	-12.69	-38.71

BT-BR(1Mbps)

CSE-TX-FS

2441MHz_TnomVnom

25/03/2018



Limit
Port 1

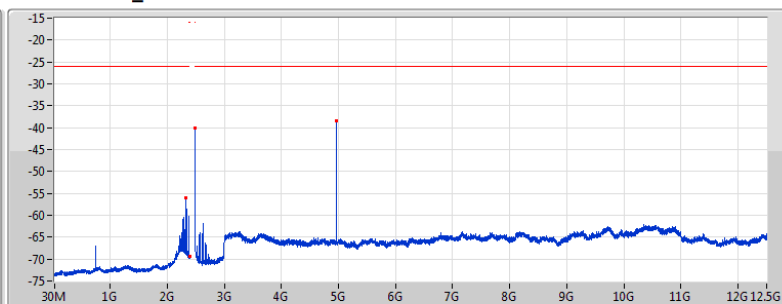
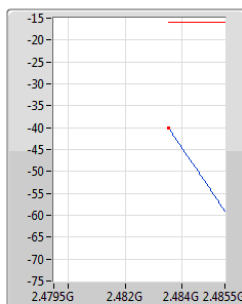
Freq(MHz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
2285.649	-55.23	-26.02	-29.21	-55.23
2389.002	-64.43	-16.02	-48.41	-64.43
2492.912	-66.17	-16.02	-50.15	-66.17
4881.084	-39.13	-26.02	-13.11	-39.13

BT-BR(1Mbps)

CSE-TX-FS

2480MHz_TnomVnom

25/03/2018



Limit
Port 1

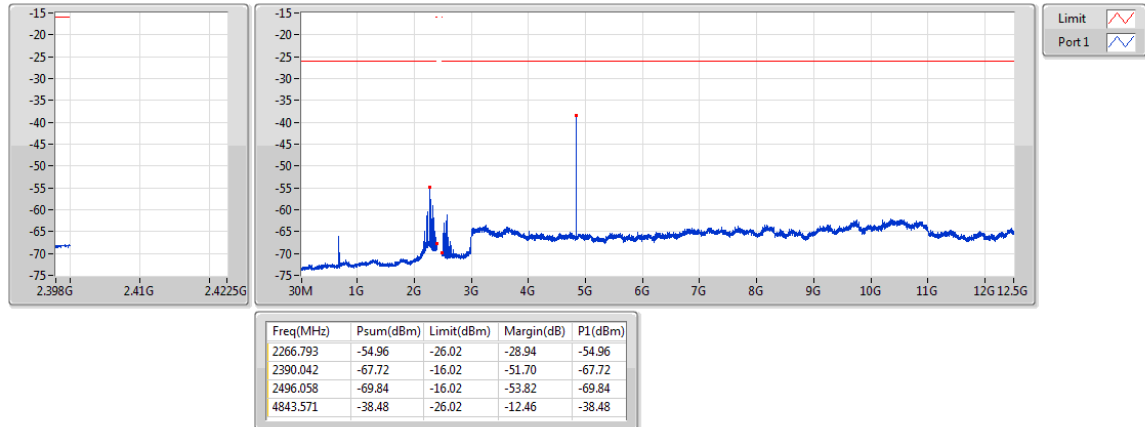
Freq(MHz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
2324.539	-56.05	-26.02	-30.03	-56.05
2391.966	-69.27	-16.02	-53.25	-69.27
2483.526	-40.04	-16.02	-24.02	-40.04
4959.862	-38.33	-26.02	-12.31	-38.33

BT-BR-AFH(1Mbps)

CSE-TX-FS

2422MHz_TnomVnom

25/03/2018

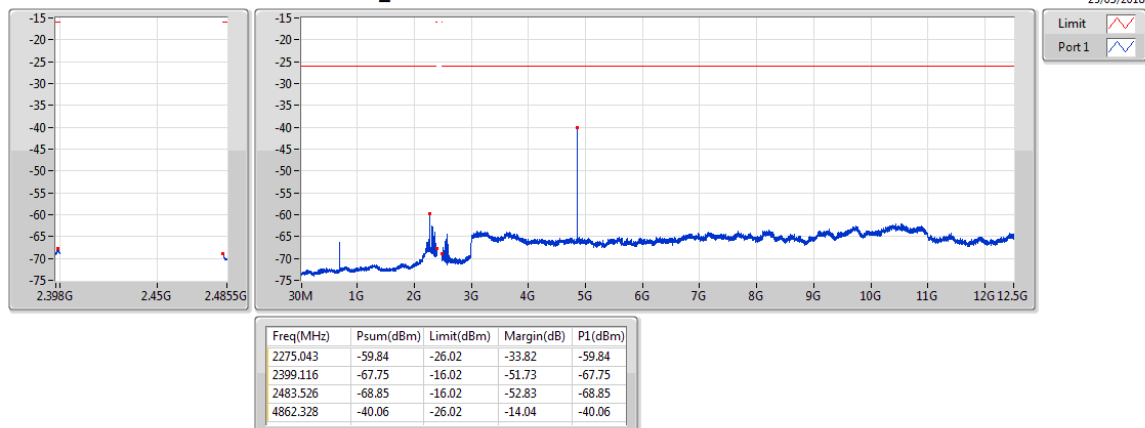


BT-BR-AFH(1Mbps)

CSE-TX-FS

2431MHz_TnomVnom

25/03/2018

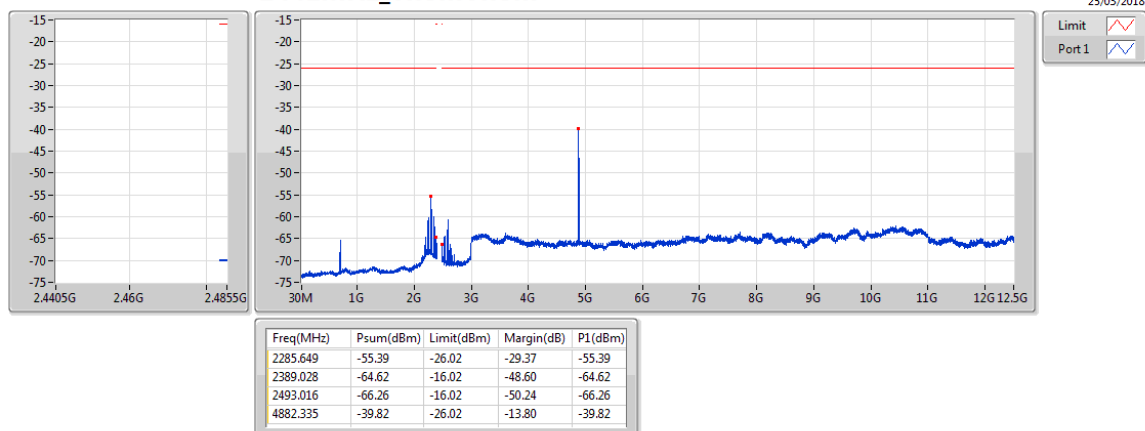


BT-BR-AFH(1Mbps)

CSE-TX-FS

2441MHz_TnomVnom

25/03/2018

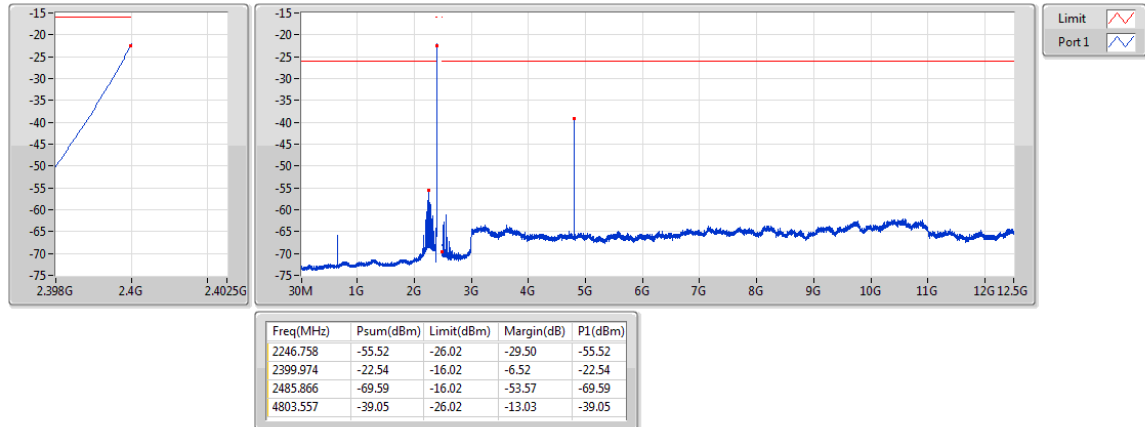


BT-EDR(3Mbps)

CSE-TX-FS

2402MHz_TnomVnom

25/03/2018

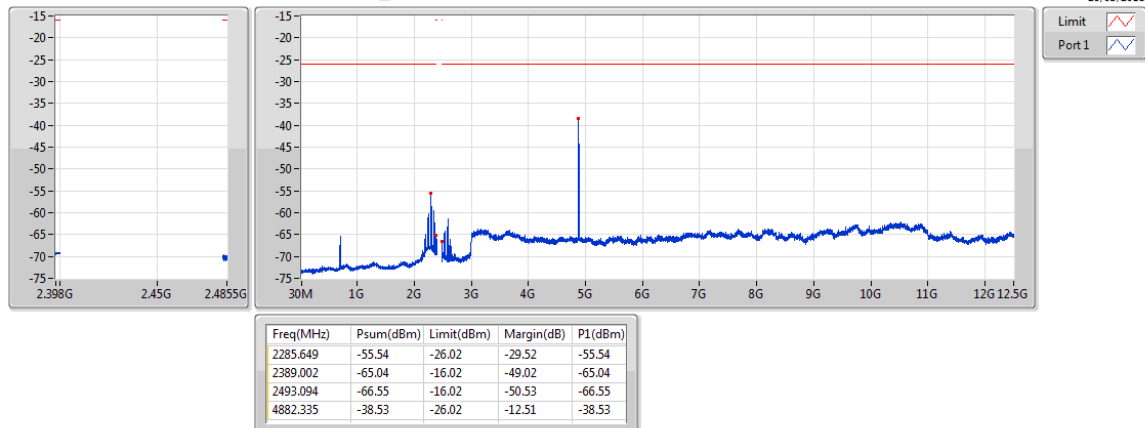


BT-EDR(3Mbps)

CSE-TX-FS

2441MHz_TnomVnom

25/03/2018

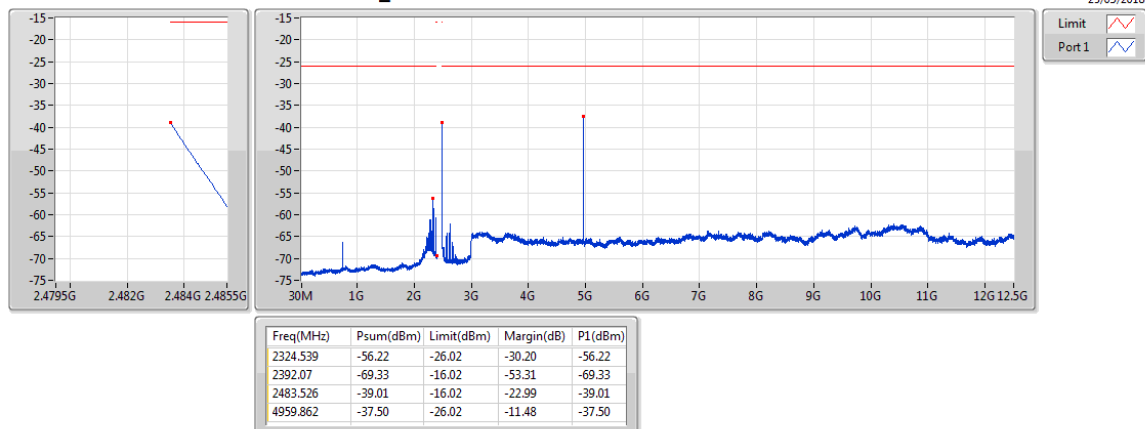


BT-EDR(3Mbps)

CSE-TX-FS

2480MHz_TnomVnom

25/03/2018

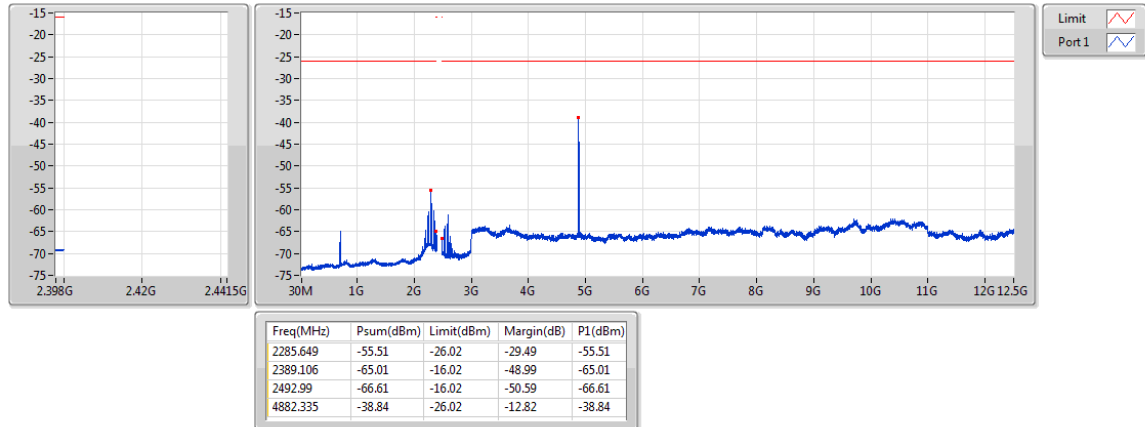


BT-EDR-AFH(3Mbps)

CSE-TX-FS

2441MHz_TnomVnom

25/03/2018

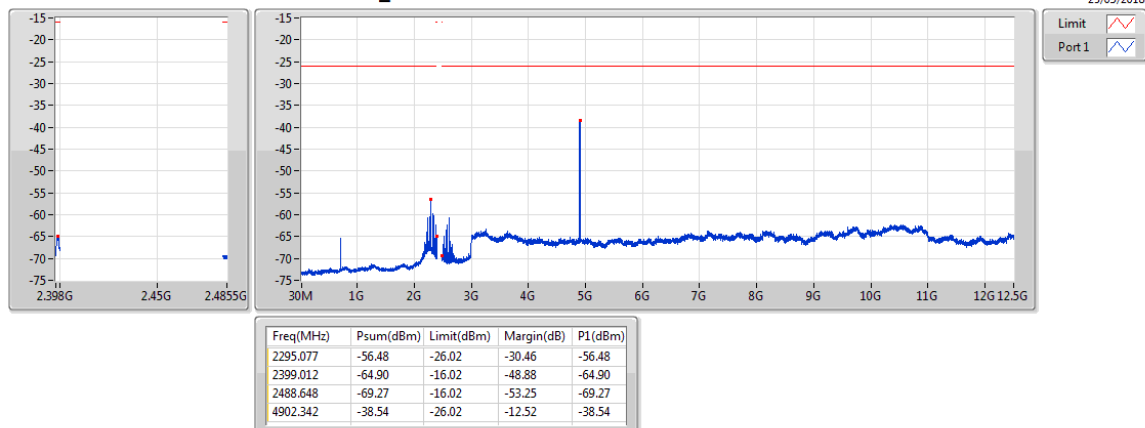


BT-EDR-AFH(3Mbps)

CSE-TX-FS

2451MHz_TnomVnom

25/03/2018

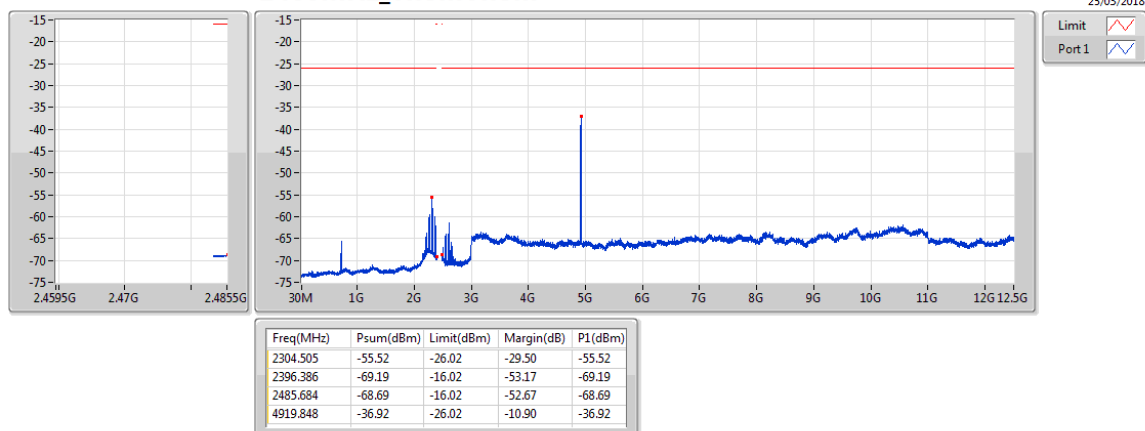


BT-EDR-AFH(3Mbps)

CSE-TX-FS

2460MHz_TnomVnom

25/03/2018



**Summary**

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	Freq (MHz)	Psum (dBm)	Psum (nW)	Limit (dBm)	Limit (nW)	Margin (dB)	Loss (dB)	P1 (dBm)	P1 (nW)
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-
BT-BR(1Mbps)	Pass	1G	12.5G	1M	4802.187	-73.92	0.04055	-46.99	19.99862	-26.93	0.50	-73.92	0.04055
BT-BR-AFH(1Mbps)	Pass	1G	12.5G	1M	4842.437	-75.23	0.02999	-46.99	19.99862	-28.24	0.50	-75.23	0.02999
BT-EDR(3Mbps)	Pass	1G	12.5G	1M	4802.187	-73.95	0.04027	-46.99	19.99862	-26.96	0.50	-73.95	0.04027
BT-EDR-AFH(3Mbps)	Pass	1G	12.5G	1M	4918.625	-75.08	0.03105	-46.99	19.99862	-28.09	0.50	-75.08	0.03105

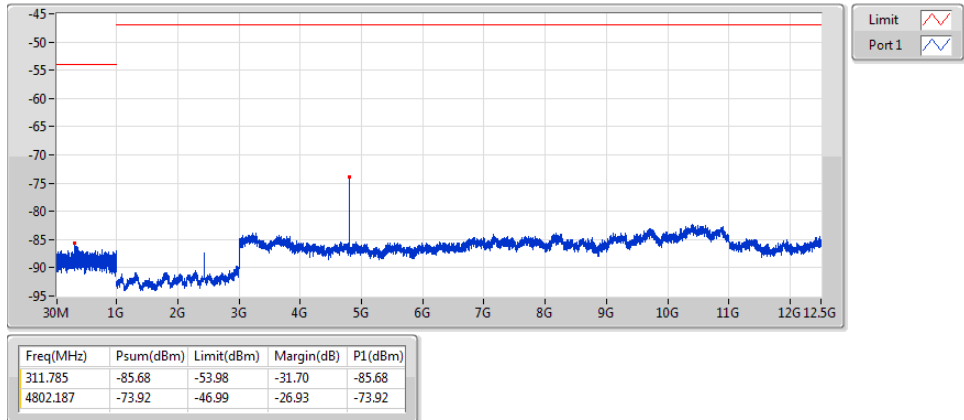
Result

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	Freq (MHz)	Psum (dBm)	Psum (nW)	Limit (dBm)	Limit (nW)	Margin (dB)	Loss (dB)	P1 (dBm)	P1 (nW)
BT-BR(1Mbps)	-	-	-	-	-	-	-	-	-	-	-	-	-
2402MHz_TnomVnom	Pass	30M	1G	100k	311.785	-85.68	0.0027	-53.98	3.99945	-31.70	0.50	-85.68	0.0027
2402MHz_TnomVnom	Pass	1G	12.5G	1M	4802.187	-73.92	0.04055	-46.99	19.99862	-26.93	0.50	-73.92	0.04055
2441MHz_TnomVnom	Pass	30M	1G	100k	366.59	-85.81	0.00262	-53.98	3.99945	-31.83	0.50	-85.81	0.00262
2441MHz_TnomVnom	Pass	1G	12.5G	1M	4881.25	-77.05	0.01972	-46.99	19.99862	-30.06	0.50	-77.05	0.01972
2480MHz_TnomVnom	Pass	30M	1G	100k	353.495	-86.12	0.00244	-53.98	3.99945	-32.14	0.50	-86.12	0.00244
2480MHz_TnomVnom	Pass	1G	12.5G	1M	5187.437	-74.94	0.03206	-46.99	19.99862	-27.95	0.50	-74.94	0.03206
BT-BR-AFH(1Mbps)	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	30M	1G	100k	353.98	-84.97	0.00318	-53.98	3.99945	-30.99	0.50	-84.97	0.00318
2422MHz_TnomVnom	Pass	1G	12.5G	1M	4842.437	-75.23	0.02999	-46.99	19.99862	-28.24	0.50	-75.23	0.02999
2431MHz_TnomVnom	Pass	30M	1G	100k	366.105	-85.34	0.00292	-53.98	3.99945	-31.36	0.50	-85.34	0.00292
2431MHz_TnomVnom	Pass	1G	12.5G	1M	4861.125	-77.91	0.01618	-46.99	19.99862	-30.92	0.50	-77.91	0.01618
2441MHz_TnomVnom	Pass	30M	1G	100k	365.62	-85.65	0.00272	-53.98	3.99945	-31.67	0.50	-85.65	0.00272
2441MHz_TnomVnom	Pass	1G	12.5G	1M	4879.812	-77.14	0.01932	-46.99	19.99862	-30.15	0.50	-77.14	0.01932
BT-EDR(3Mbps)	-	-	-	-	-	-	-	-	-	-	-	-	-
2402MHz_TnomVnom	Pass	30M	1G	100k	348.16	-85.57	0.00277	-53.98	3.99945	-31.59	0.50	-85.57	0.00277
2402MHz_TnomVnom	Pass	1G	12.5G	1M	4802.187	-73.95	0.04027	-46.99	19.99862	-26.96	0.50	-73.95	0.04027
2441MHz_TnomVnom	Pass	30M	1G	100k	366.105	-86.21	0.00239	-53.98	3.99945	-32.23	0.50	-86.21	0.00239
2441MHz_TnomVnom	Pass	1G	12.5G	1M	4879.812	-77.21	0.01901	-46.99	19.99862	-30.22	0.50	-77.21	0.01901
2480MHz_TnomVnom	Pass	30M	1G	100k	353.98	-84.72	0.00337	-53.98	3.99945	-30.74	0.50	-84.72	0.00337
2480MHz_TnomVnom	Pass	1G	12.5G	1M	4958.875	-77.23	0.01892	-46.99	19.99862	-30.24	0.50	-77.23	0.01892
BT-EDR-AFH(3Mbps)	-	-	-	-	-	-	-	-	-	-	-	-	-
2441MHz_TnomVnom	Pass	30M	1G	100k	377.745	-85.43	0.00286	-53.98	3.99945	-31.45	0.50	-85.43	0.00286
2441MHz_TnomVnom	Pass	1G	12.5G	1M	4879.812	-77.39	0.01824	-46.99	19.99862	-30.40	0.50	-77.39	0.01824
2451MHz_TnomVnom	Pass	30M	1G	100k	338.46	-85.66	0.00272	-53.98	3.99945	-31.68	0.50	-85.66	0.00272
2451MHz_TnomVnom	Pass	1G	12.5G	1M	4899.937	-75.71	0.02685	-46.99	19.99862	-28.72	0.50	-75.71	0.02685
2460MHz_TnomVnom	Pass	30M	1G	100k	348.16	-85.40	0.00288	-53.98	3.99945	-31.42	0.50	-85.40	0.00288
2460MHz_TnomVnom	Pass	1G	12.5G	1M	4918.625	-75.08	0.03105	-46.99	19.99862	-28.09	0.50	-75.08	0.03105

BT-BR(1Mbps)

CSE-RX-FS

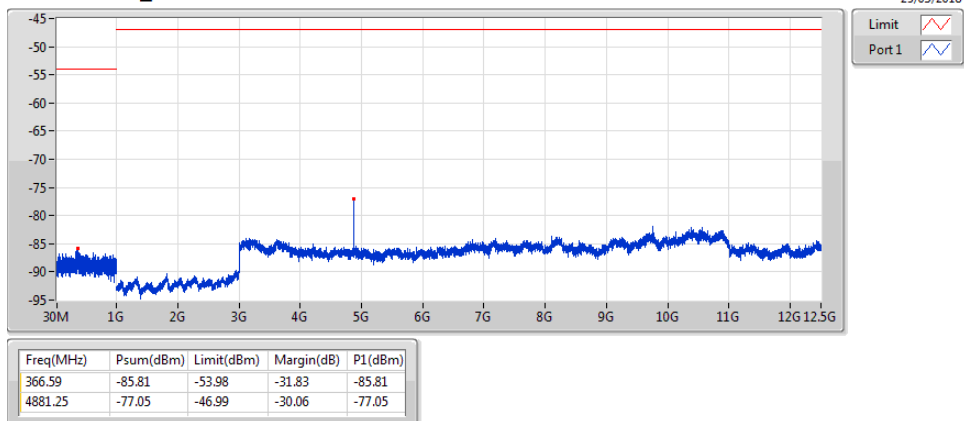
2402MHz_TnomVnom



BT-BR(1Mbps)

CSE-RX-FS

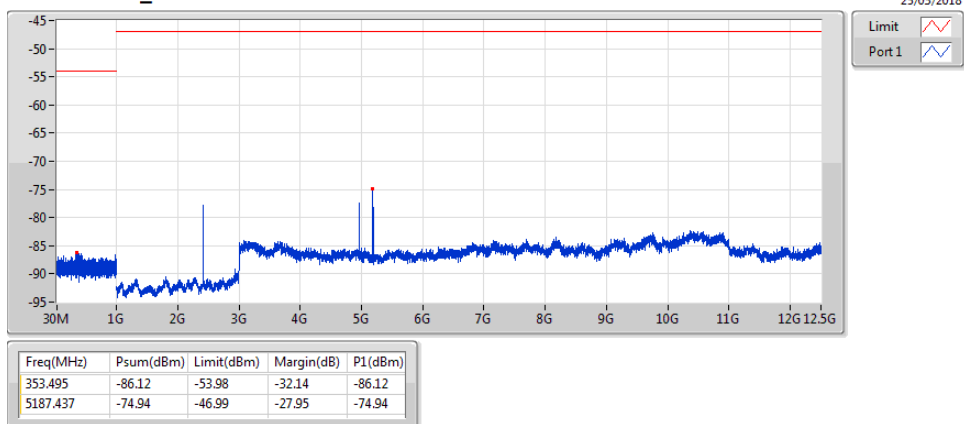
2441MHz_TnomVnom



BT-BR(1Mbps)

CSE-RX-FS

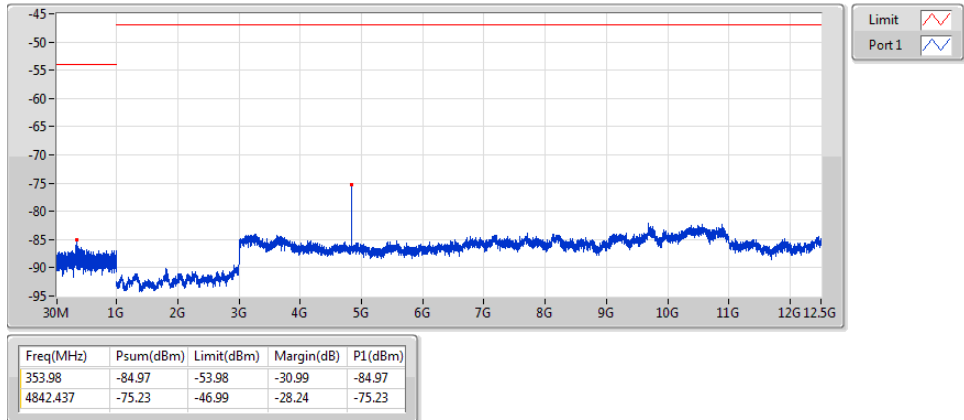
2480MHz_TnomVnom



BT-BR-AFH(1Mbps)

CSE-RX-FS

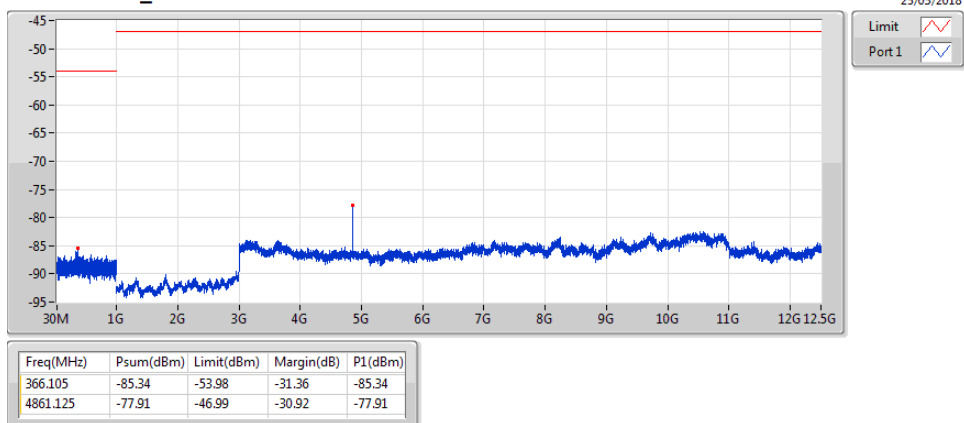
2422MHz_TnomVnom



BT-BR-AFH(1Mbps)

CSE-RX-FS

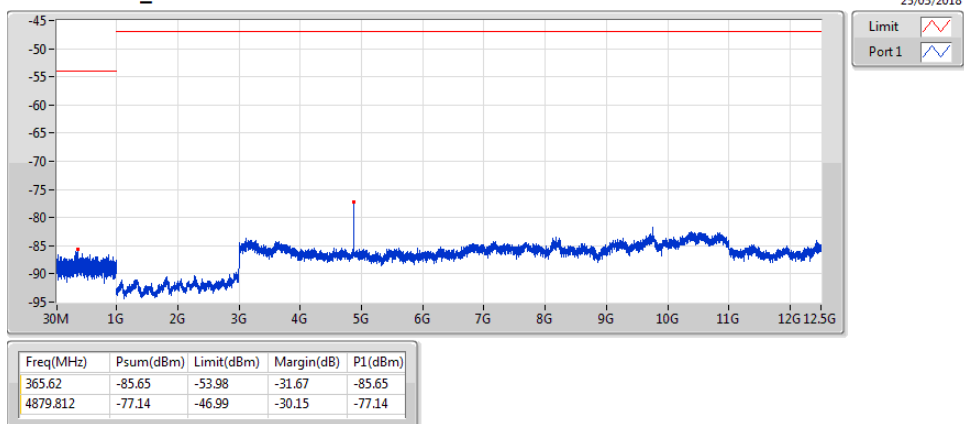
2431MHz_TnomVnom



BT-BR-AFH(1Mbps)

CSE-RX-FS

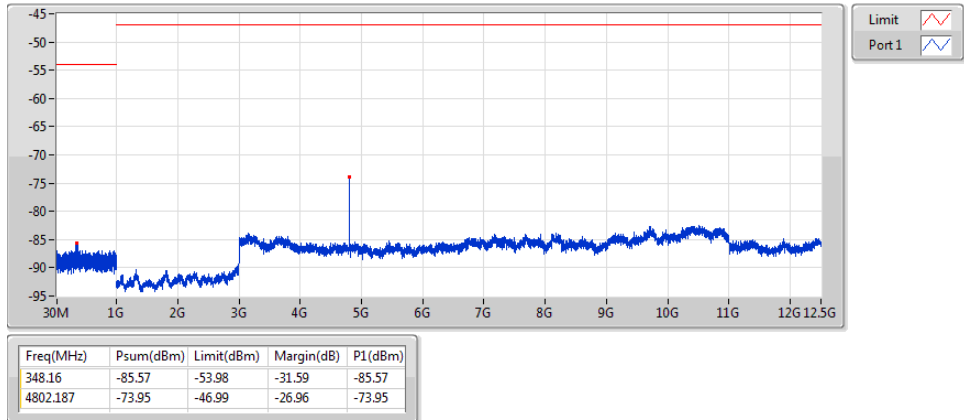
2441MHz_TnomVnom



BT-EDR(3Mbps)

CSE-RX-FS

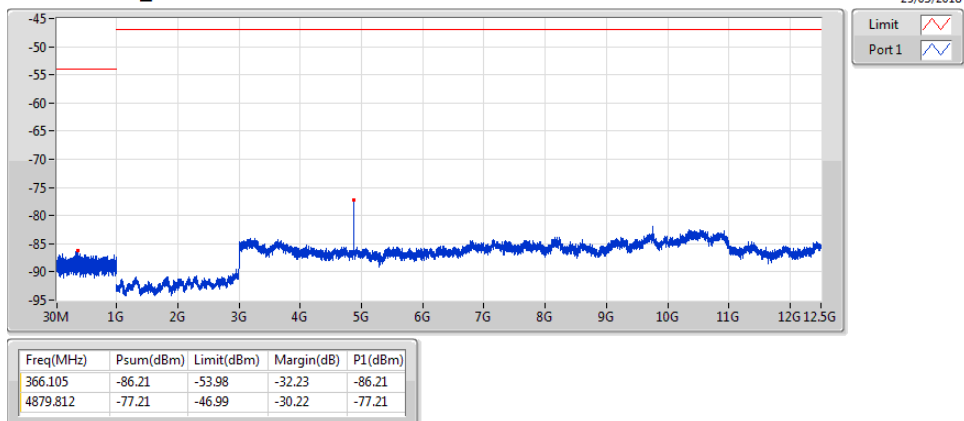
2402MHz_TnomVnom



BT-EDR(3Mbps)

CSE-RX-FS

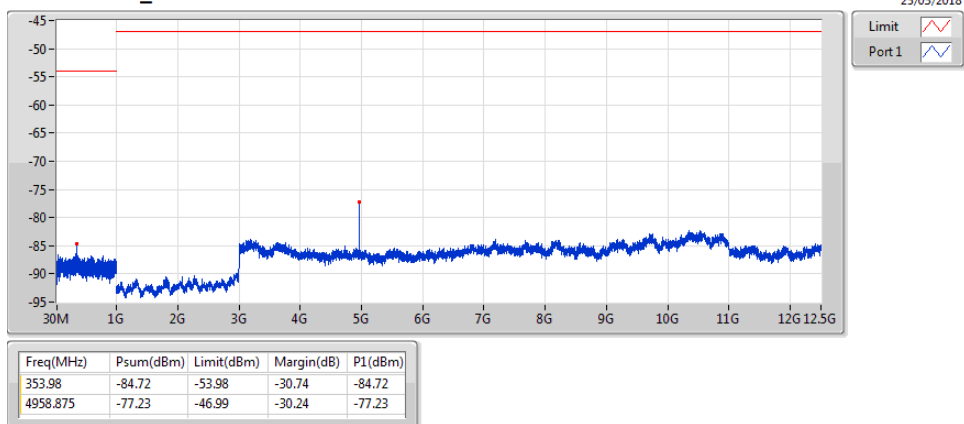
2441MHz_TnomVnom



BT-EDR(3Mbps)

CSE-RX-FS

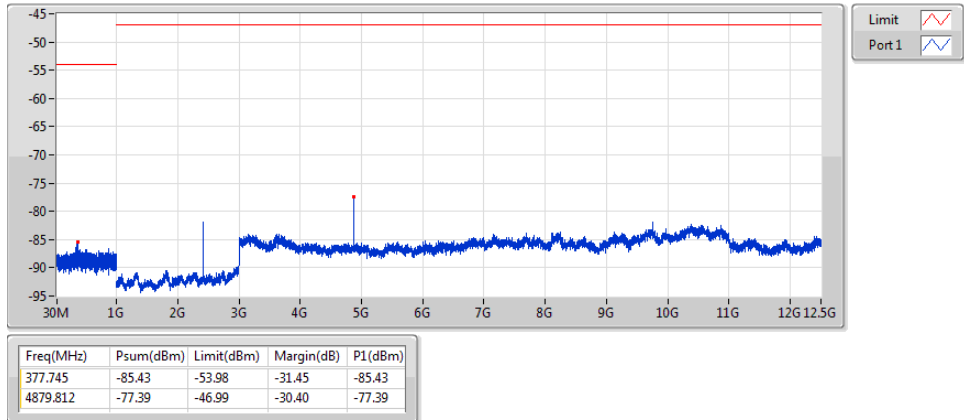
2480MHz_TnomVnom



BT-EDR-AFH(3Mbps)

CSE-RX-FS

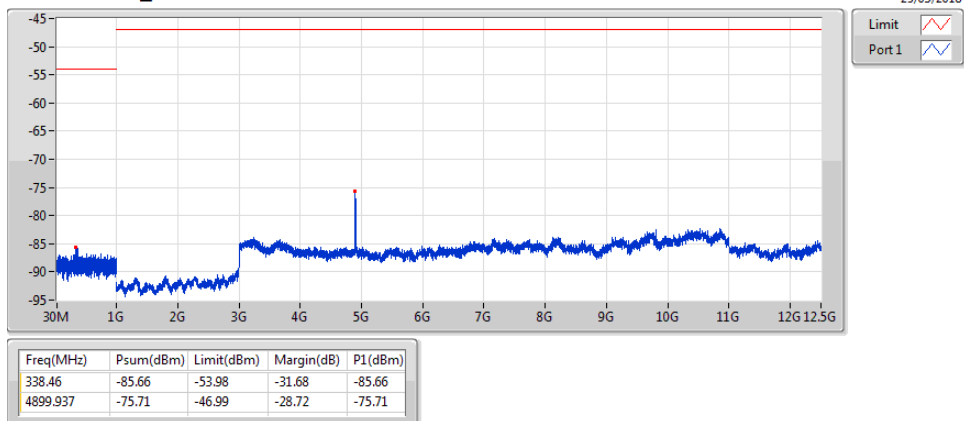
2441MHz_TnomVnom



BT-EDR-AFH(3Mbps)

CSE-RX-FS

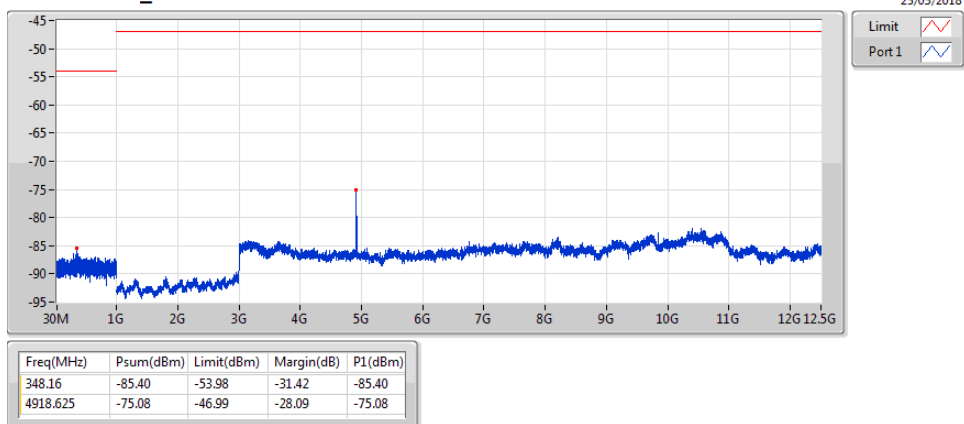
2451MHz_TnomVnom



BT-EDR-AFH(3Mbps)

CSE-RX-FS

2460MHz_TnomVnom





Summary

Mode	Result	MAC	ID Length	ID Limit	Function
2.4-2.4835GHz	-		-	-	-
BT-BR(1Mbps)	Pass	80-1F-02-00-00-03	48 bits	48 bits	Good
BT-BR-AFH(1Mbps)	Pass	80-1F-02-00-00-03	48 bits	48 bits	Good
BT-EDR(3Mbps)	Pass	80-1F-02-00-00-03	48 bits	48 bits	Good
BT-EDR-AFH(3Mbps)	Pass	80-1F-02-00-00-03	48 bits	48 bits	Good



Result

Mode	Result	ID Length	ID Limit	Function
BT-BR(1Mbps)	-	-	-	-
Hopping Mode_TnomVnom	Pass	48 bits	48 bits	Good
BT-BR-AFH(1Mbps)	-	-	-	-
Hopping Mode_TnomVnom	Pass	48 bits	48 bits	Good
BT-EDR(3Mbps)	-	-	-	-
Hopping Mode_TnomVnom	Pass	48 bits	48 bits	Good
BT-EDR-AFH(3Mbps)	-	-	-	-
Hopping Mode_TnomVnom	Pass	48 bits	48 bits	Good

**Summary**

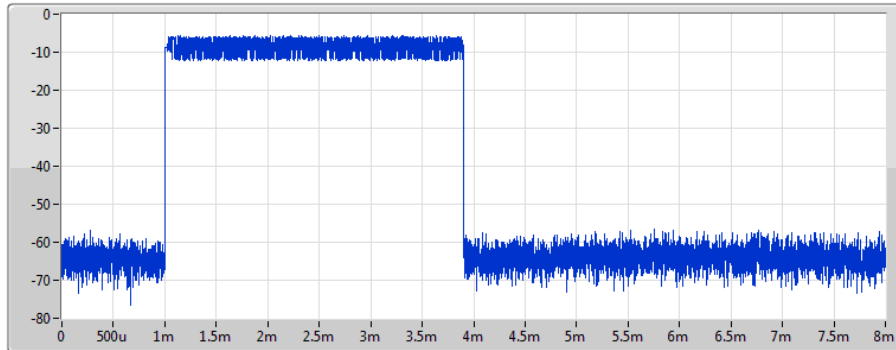
Mode	Max-Dwell (s)
2.4-2.4835GHz	-
BT-BR(1Mbps)	280.788672m
BT-BR-AFH(1Mbps)	143.847192m
BT-EDR(3Mbps)	266.733439m
BT-EDR-AFH(3Mbps)	137.14019m

Result

Mode	Result	Period (s)	Dwell (s)	Limit (s)	Tx On (s)
BT-BR(1Mbps)	-	-	-	-	-
Hopping Mode_TnomVnom	Pass	28.68	280.788672m	400m	2.9m
BT-BR-AFH(1Mbps)	-	-	-	-	-
Hopping Mode_TnomVnom	Pass	7.44	143.847192m	400m	2.9m
BT-EDR(3Mbps)	-	-	-	-	-
Hopping Mode_TnomVnom	Pass	28.72	266.733439m	400m	2.751m
BT-EDR-AFH(3Mbps)	-	-	-	-	-
Hopping Mode_TnomVnom	Pass	7.48	137.14019m	400m	2.75m

BT-BR(1Mbps)

Hopping Mode_TnomVnom



Period(s)	Dwell(s)	Limit(s)	Tx On(s)
28.68	280.788672m	400m	2.9m

Dwell

25/03/2018

Port 1 

Ch Freq
2.441GHz

RBW
1MHz

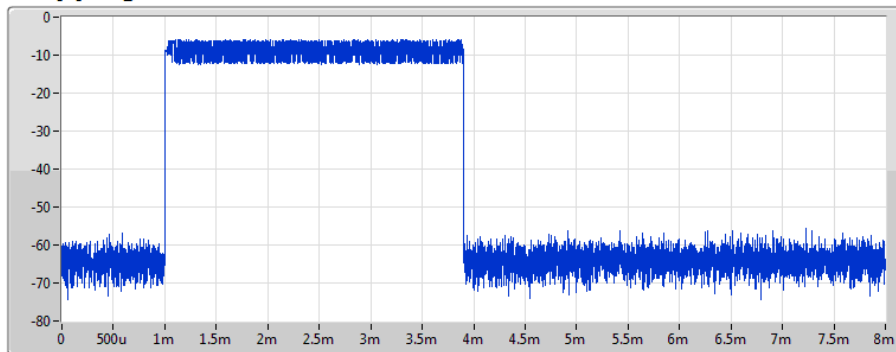
VBW
1MHz

Sweep Time
8ms

TX Time
2.9ms

BT-BR-AFH(1Mbps)


Hopping Mode_TnomVnom



Period(s)	Dwell(s)	Limit(s)	Tx On(s)
7.44	143.847192m	400m	2.9m

Dwell

25/03/2018

Port 1 

Ch Freq
2.431GHz

RBW
1MHz

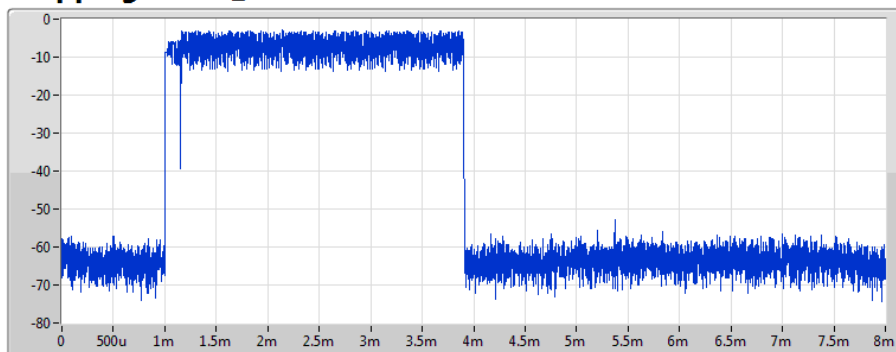
VBW
1MHz

Sweep Time
8ms

TX Time
2.9ms

BT-EDR(3Mbps)


Hopping Mode_TnomVnom



Period(s)	Dwell(s)	Limit(s)	Tx On(s)
28.72	266.733439m	400m	2.751m

Dwell

25/03/2018

Port 1 

Ch Freq
2.441GHz

RBW
1MHz

VBW
1MHz

Sweep Time
8ms

TX Time
2.751ms

