



RADIO TEST REPORT

Equipment : Indoor Wall-Plate Wi-Fi 6 Access Point
Brand Name : **E d g e - c o r e**
Model Name : EAP104
Applicant : Accton Technology Corp
No. 1, Creation Rd. III, Science-based Industrial Park
Hsin Chu 30077, Taiwan R.O.C.
Manufacturer (1) : Accton Technology Corp
No. 1, Creation Rd. III, Science-based Industrial Park
Hsin Chu 30077, Taiwan R.O.C.
Manufacturer (2) : Accton Technology Corporation Zhunan Factory
1F & 4F & 5F, No. 1, Keyi St., Zhunan Township,
Miaoli County 350, TAIWAN, R.O.C..
Standard : MIC Certification Rule, Article 2 Paragraph 1 Item 19

The product was received on Sep. 27, 2022, and testing was started from Oct. 18, 2022 and completed on Oct. 19, 2022. We, Sporton International Inc. Hsinchu 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 technical standards.

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



Approved by: Sam Chen

Sporton International Inc. Hsinchu Laboratory

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



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TEL : 886-3-656-9065
FAX : 886-3-656-9085
Report Template No.: CB-D2_4 Ver1.1



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	-
3.3	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	EUT Construction Protection	N/A	Declared by manufacturer

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.

Declaration of Conformity:

1. The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers. It's means measurement values may risk exceeding the limit of regulation standards, if measurement uncertainty is include in test results.
2. The measurement uncertainty please refer to report "Measurement Uncertainty".

Comments and Explanations:

The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

Reviewed by: Sam Chen

Report Producer: Sophia Shiung



1 General Description

1.1 Information

1.1.1 RF General Information

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

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	BT-LE(1Mbps)	1.0	1TX
2.4-2.4835GHz	BT-LE(2Mbps)	2.0	1TX

Note:

- ♦ Bluetooth LE uses a GFSK modulation.
- ♦ BWch is the nominal channel bandwidth.

Mode	Declared Power (mW)
BT-LE(1Mbps)	2.89068
BT-LE(2Mbps)	2.89068

1.1.2 Antenna Information

Ant.	Port			Brand	Model Name	Antenna Type	Connector	Gain (dBi)
	WLAN 2.4GHz	WLAN 5GHz	Bluetooth					
1	1	-	-	Accton	EC-3-PB01-001	Dipole	I-PEX	3.94
2	2	-	-	Accton	EC-3-PB01-002	PIFA	I-PEX	3.11
3	-	1	-	Accton	EC-5-PB02-001	Monopole	I-PEX	5.21
4	-	2	-	Accton	EC-5-PB02-002	Monopole	I-PEX	5.11
5	-	-	1	Accton	EC-4-PB10-001	Dipole	I-PEX	4.22

Note 1: The above information was declared by manufacturer.

**Note 2: For WLAN 2.4GHz function:****For IEEE 802.11 b/g/n/VHT/ax (2TX/2RX):**

Port 1 and Port 2 can be used as transmitting/receiving antenna.

Port 1 and Port 2 could transmit/receive simultaneously.

For WLAN 5GHz function:**For IEEE 802.11a/n/ac/ax (2TX/2RX):**

Port 1 and Port 2 can be used as transmitting/receiving antenna.

Port 1 and Port 2 could transmit/receive simultaneously.

For Bluetooth 5.0 function(1TX/1RX):

Port 1 can be used as transmitting/receiving antenna.

1.1.3 EUT Information

EUT Power Type	From Power Adapter or PoE
Test Software Version	Btool V1.42.19(BLE5)
Support Mode	☒ LE 1M PHY: 1 Mb/s
	☐ LE Coded PHY (S=2): 500 Kb/s
	☐ LE Coded PHY (S=8): 125 Kb/s
	☒ LE 2M PHY: 2 Mb/s

1.1.4 Mode Test Duty Cycle

Mode	DC	DCF(dB)
BT-LE(1Mbps)	0.59	2.29
BT-LE(2Mbps)	0.312	5.06

1.1.5 Power Supply Voltage Fluctuation

Fluctuation	AC Input Power(V)	DC Output Power(V)	Variation (%)
Normal Vol	100	55.3	-
High Vol	110	55.4	0.180832
Low Vol	90	55.1	-0.361664

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 Applicable 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 Information				
Test Lab. : Sporton International Inc. Hsinchu Laboratory				
Hsinchu	ADD: No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County 302010, Taiwan (R.O.C.)			
(TAF: 3787)	TEL: 886-3-656-9065	FAX: 886-3-656-9085		

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted	TH03-CB	Mason Chan	23.5~23.9 / 53~59	Oct. 18, 2022~ Oct. 19, 2022

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	3.2 dB	Confidence levels of 95%
Radio frequency	9.98×10^{-7} MHz	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Channel Mode

Mode	Power Setting
BT-LE(1Mbps)	-
2402MHz	Default
2440MHz	Default
2480MHz	Default
BT-LE(2Mbps)	-
2402MHz	Default
2440MHz	Default
2480MHz	Default

2.2 The Worst Case Measurement Configuration

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

Note: The adapter and PoE were for measurement only and would not be marketed. Their information is showed as below:

Equipment	Brand	Model
Adapter	ITE	MU12AR120100-A1
PoE	PHIHONG	POEA30U-1ATE

2.3 EUT Operation during Test

During the test, "Btool V1.42.19(BLE5)" under WIN 7 was executed the test program to control the EUT continuously transmit/receive RF signal.



2.4 Accessories

Others
Wall-mounted rack*1
RJ-45 cable*1 (Non-shielded, 0.05m)

2.5 Support Equipment

For CTX mode:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	Notebook	DELL	E4300	N/A
B	AC Power Supply	PREEN	AFC-11003	N/A
C	Adapter	ITE	MU12AR120100-A1	N/A

For Carrier Sensing mode:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	DELL	E4300	N/A
B	WLAN module	Intel	AX210NGW	PD9AX210NG
C	NB	DELL	E4300	N/A
D	Adapter	ITE	MU12AR120100-A1	N/A

3 Test Result

3.1 Frequency Error

3.1.1 Frequency Error Limit

Frequency Error Limit
$\leq \pm 50 \text{ ppm}$

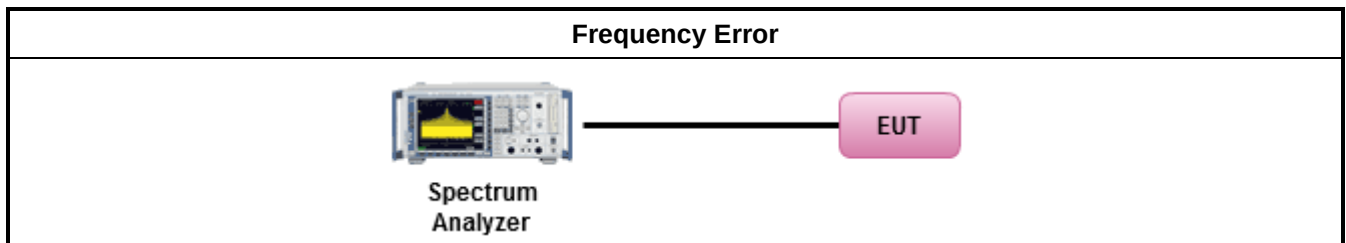
3.1.2 Measuring Instruments

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

3.2.1 Occupied Bandwidth Limit

Occupied Bandwidth Limit	
FHSS	83.5 MHz
FHSS + DSSS	83.5 MHz
FHSS + OFDM	83.5 MHz
OFDM	40 MHz
Other	26 MHz

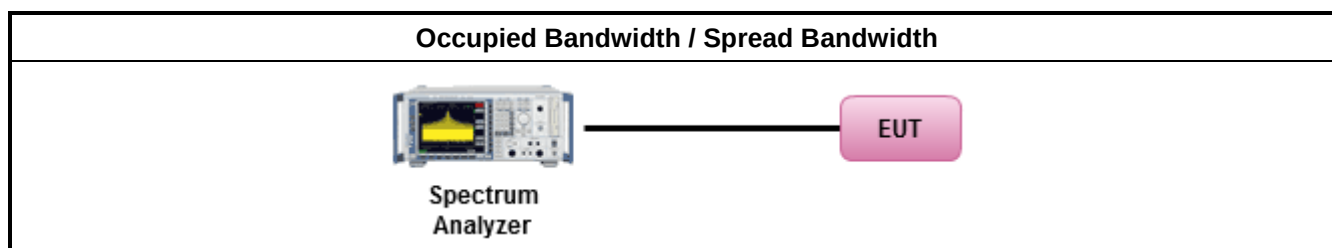
3.2.2 Measuring Instruments

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

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 from 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 $\leq$ 40MHz] $\leq 10\text{mW}$ (Other from 2400~2483.5MHz)

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

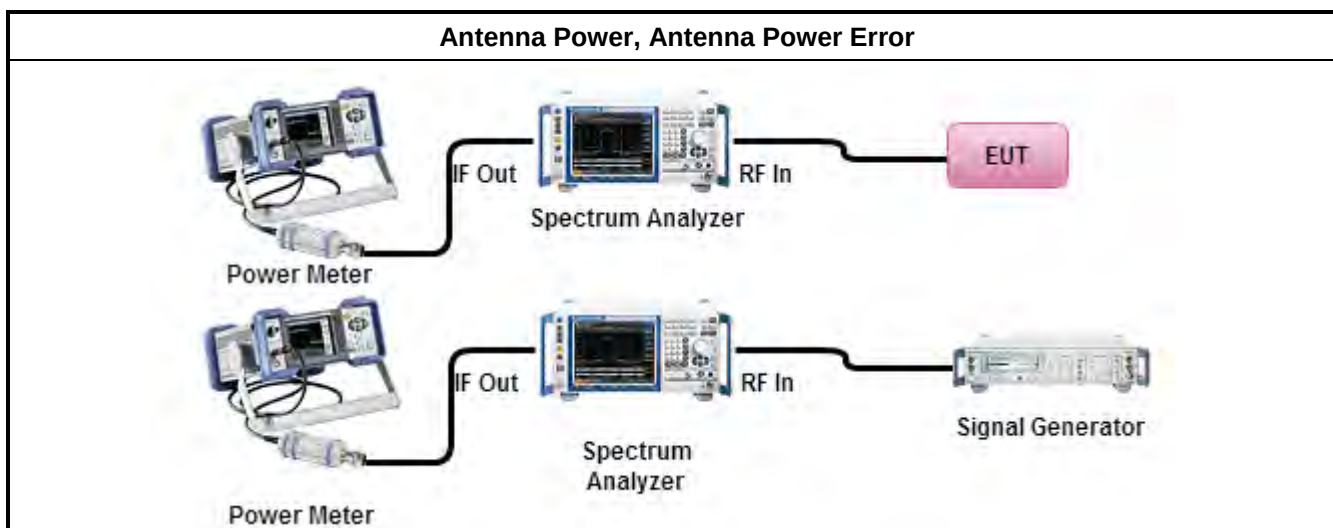
3.3.2 Measuring Instruments

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)		$\mu\text{W}/\text{MHz}$	dBm/MHz
30	2387	2.5	-26
2387	2400	25	-16
2483.5	2496.5	25	-16
2496.5	12500	2.5	-26

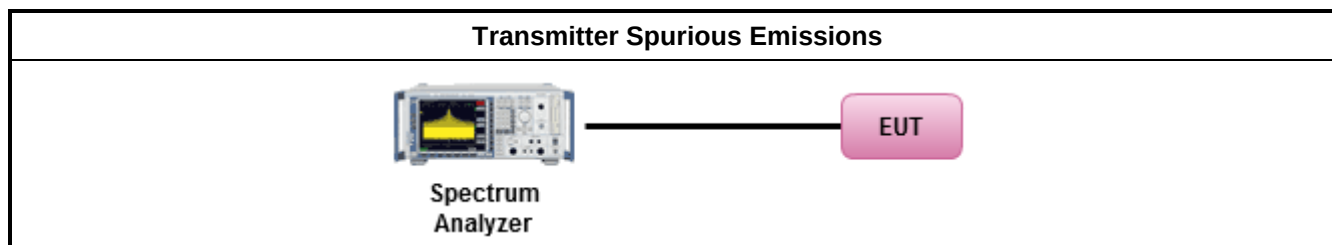
3.4.2 Measuring Instruments

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

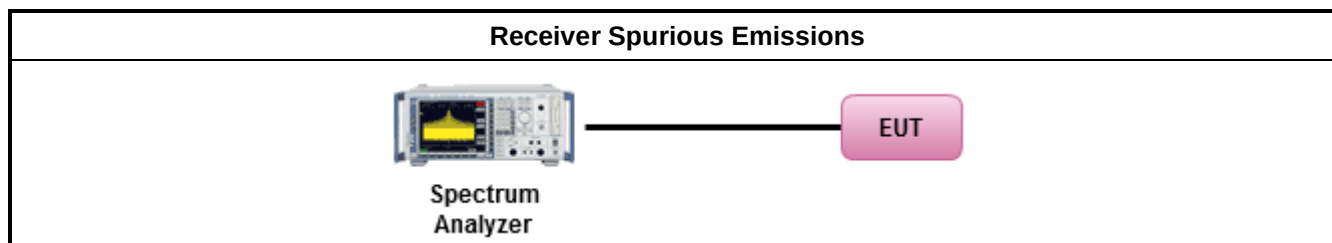
3.5.2 Measuring Instruments

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

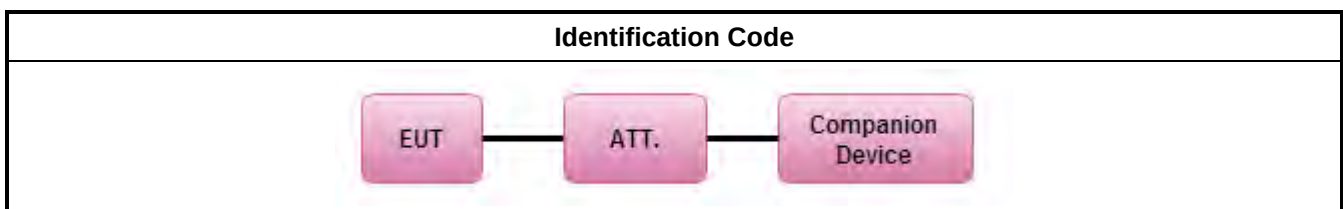
3.6.2 Measuring Instruments

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 EUT Construction Protection

3.7.1 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.	

3.7.2 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

3.7.3 Reference Documents

Photo	
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4 Test Equipment and Calibration Data

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Calibration Method	Calibration Agent Name	Remark
Digital Multimeters	Fluke	15B+	42390498W S	-	Oct. 27, 2021	Oct. 26, 2022	c)	A	Conducted (TH03-CB)
Spectrum analyzer	R&S	FSV40	101028	9kHz~40GHz	Jan. 07, 2022	Jan. 06, 2023	c)	A	Conducted (TH03-CB)
Power Sensor	Anritsu	MA2411B	1531344	300MHz~40GHz	Jul. 31, 2022	Jul. 30, 2023	c)	A	Conducted (TH03-CB)
Power Meter	Anritsu	ML2495A	1728002	300MHz~40GHz	Jul. 31, 2022	Jul. 30, 2023	c)	A	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-11	1 GHz ~18 GHz	Oct. 03, 2022	Oct. 02, 2023	d)	B	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-12	1 GHz ~18 GHz	Oct. 03, 2022	Oct. 02, 2023	d)	B	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-13	1 GHz ~18 GHz	Oct. 03, 2022	Oct. 02, 2023	d)	B	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-14	1 GHz ~18 GHz	Oct. 03, 2022	Oct. 02, 2023	d)	B	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-15	1 GHz ~18 GHz	Oct. 03, 2022	Oct. 02, 2023	d)	B	Conducted (TH03-CB)
Switch	SPTCB	SP-SWI	SWI-03	1 GHz ~26.5 GHz	Oct. 04, 2022	Oct. 03, 2023	d)	B	Conducted (TH03-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	N/A	N/A	Conducted (TH03-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)



Summary

Mode	Result	Ch (Hz)	Center (Hz)	ppm	Limit (ppm)	Port
2.4-2.4835GHz	-	-	-	-	-	-
BT-LE(1Mbps)	Pass	2.44G	2.44001303G	5.34	±50	1
BT-LE(2Mbps)	Pass	2.48G	2.48001369G	5.5185	±50	1

Result

Mode	Result	Ch (Hz)	Center (Hz)	ppm	Limit (ppm)	Port
BT-LE(1Mbps)	-	-	-	-	-	-
2402MHz_TnomVnom	Pass	2.402G	2.40201162G	4.8391	±50	1
2440MHz_TnomVnom	Pass	2.44G	2.44001303G	5.34	±50	1
2480MHz_TnomVnom	Pass	2.48G	2.48001209G	4.8759	±50	1
BT-LE(2Mbps)	-	-	-	-	-	-
2402MHz_TnomVnom	Pass	2.402G	2.40201219G	5.0733	±50	1
2440MHz_TnomVnom	Pass	2.44G	2.44001331G	5.4553	±50	1
2480MHz_TnomVnom	Pass	2.48G	2.48001369G	5.5185	±50	1



Occupied Bandwidth (DTS)

Appendix B

Summary

Mode	Max-OBW (Hz)	ITU-Code	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-
BT-LE(1Mbps)	1.323M	1M32F1D	1.313M
BT-LE(2Mbps)	2.209M	2M21F1D	2.197M

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

Result

Mode	Result	Limit (Hz)	P1-OBW (Hz)
BT-LE(1Mbps)	-	-	-
2402MHz_TnomVnom	Pass	26M	1.323M
2440MHz_TnomVnom	Pass	26M	1.316M
2480MHz_TnomVnom	Pass	26M	1.313M
BT-LE(2Mbps)	-	-	-
2402MHz_TnomVnom	Pass	26M	2.201M
2440MHz_TnomVnom	Pass	26M	2.197M
2480MHz_TnomVnom	Pass	26M	2.209M

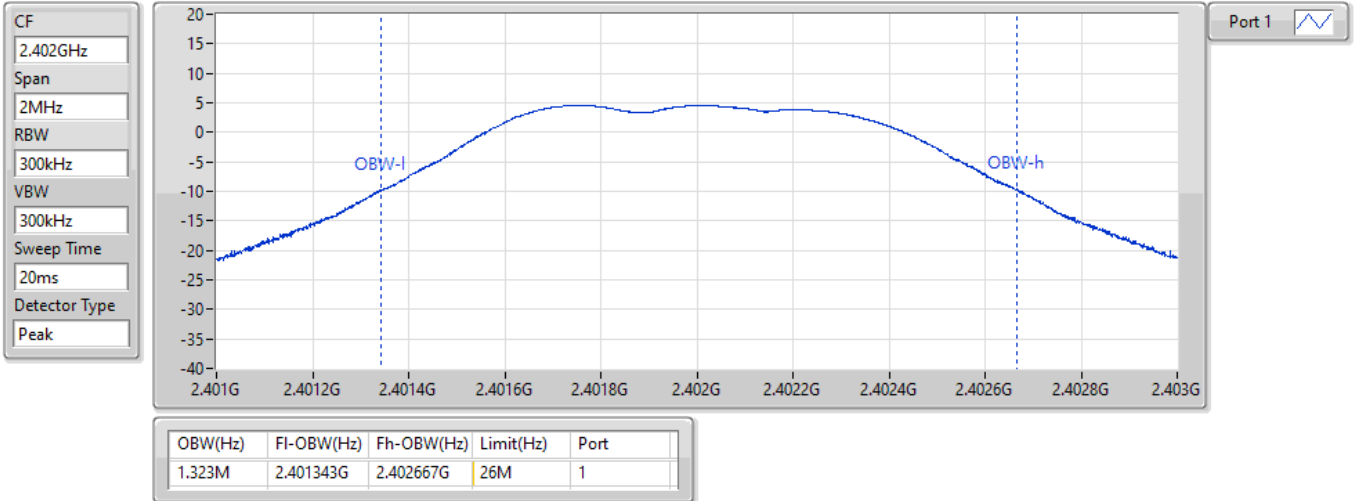
P1-OBW = Port 1 99% occupied bandwidth; P2-OBW = Port 2 99% occupied bandwidth; Pn-OBW = Port n 99% occupied bandwidth

BT-LE(1Mbps)

OBW-DTS

2402MHz_TnomVnom

19/10/2022

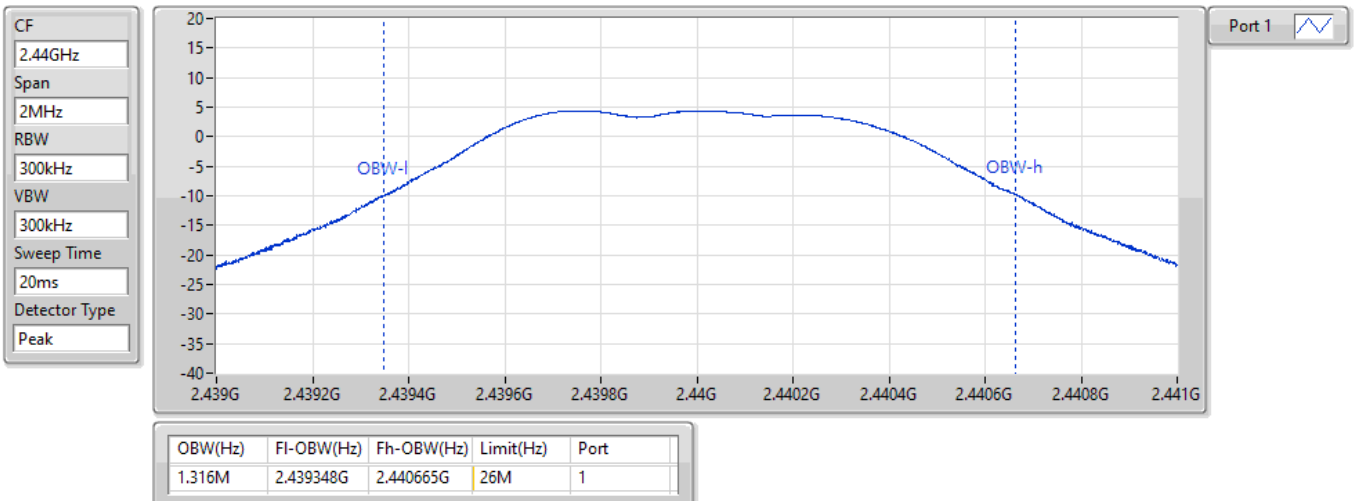


BT-LE(1Mbps)

OBW-DTS

2440MHz_TnomVnom

19/10/2022

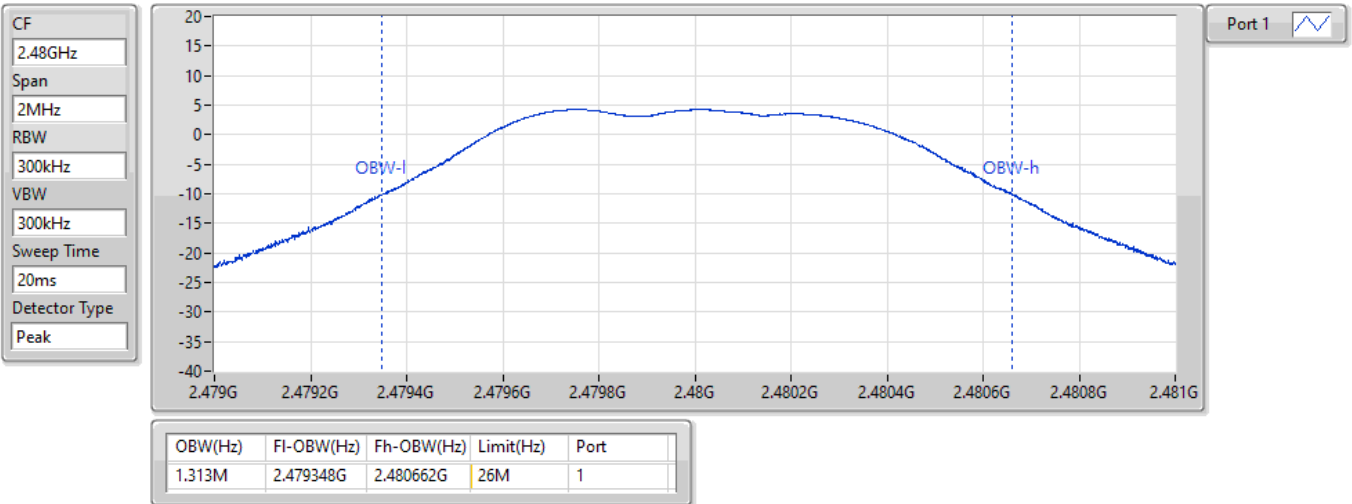


BT-LE(1Mbps)

OBW-DTS

2480MHz_TnomVnom

19/10/2022

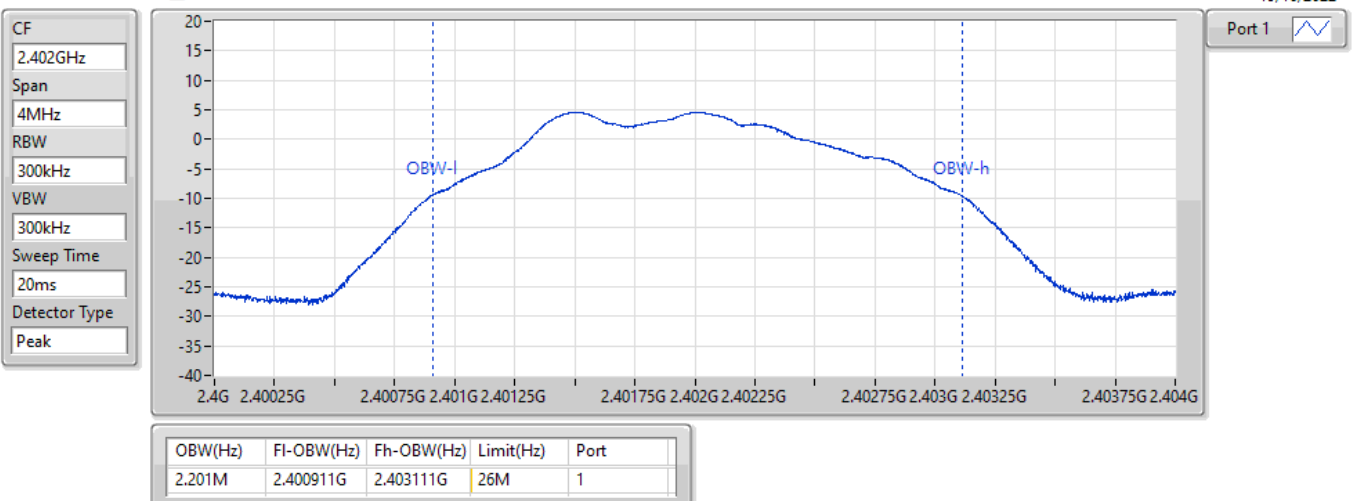


BT-LE(2Mbps)

OBW-DTS

2402MHz_TnomVnom

19/10/2022

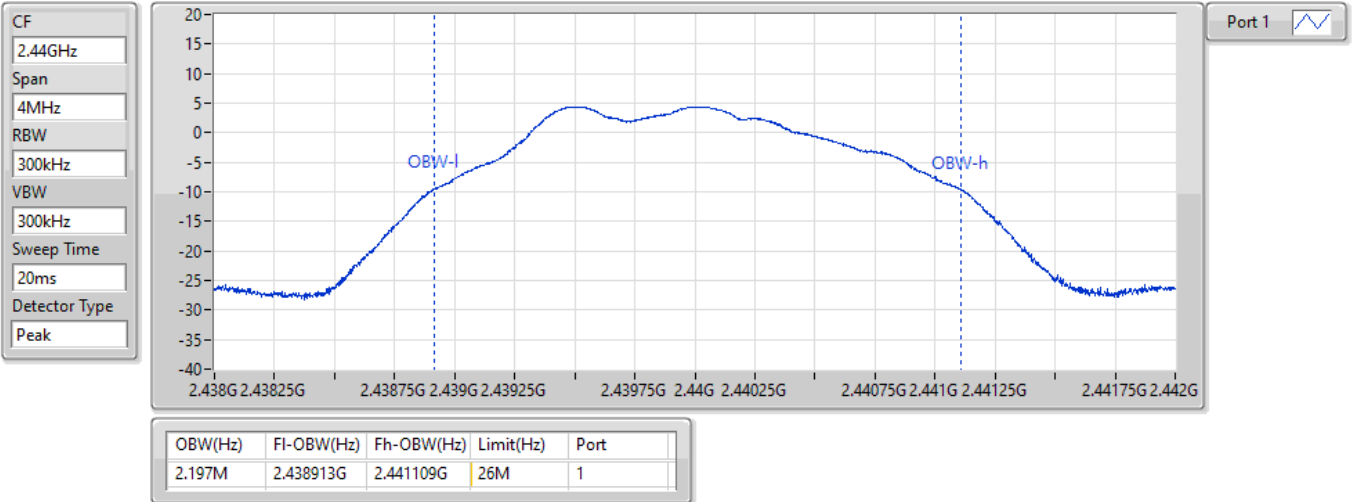


BT-LE(2Mbps)

OBW-DTS

2440MHz_TnomVnom

19/10/2022

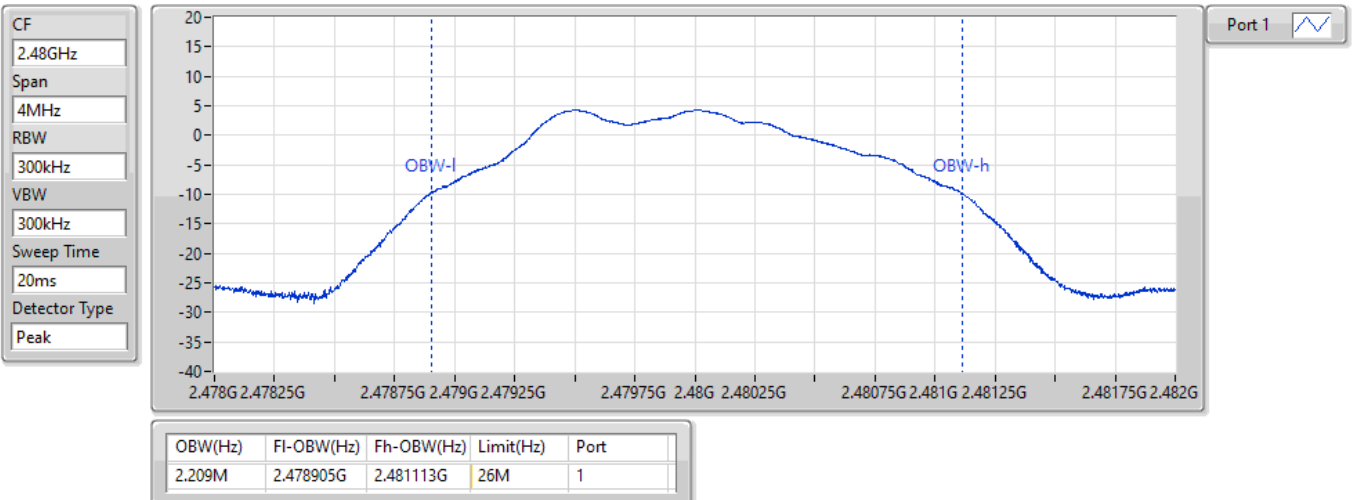


BT-LE(2Mbps)

OBW-DTS

2480MHz_TnomVnom

19/10/2022





Total Power (DTS)

Appendix C.1

Summary

Mode	Power (dBm)	Power (mW)	EIRP (dBm)	EIRP (mW)
2.4-2.4835GHz	-	-	-	-
BT-LE(1Mbps)	4.61	2.891	8.83	7.638
BT-LE(2Mbps)	3.78	2.388	8.00	6.310

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)	EIRP (dBm)	EIRP (mW)	EIRP Lim. (mW)
BT-LE(1Mbps)	-	-	-	-	-	-	-	-
2402MHz_TnomVnom	Pass	4.22	4.61	2.891	10	8.83	7.638	16.368
2440MHz_TnomVnom	Pass	4.22	3.65	2.317	10	7.87	6.124	16.368
2480MHz_TnomVnom	Pass	4.22	3.42	2.198	10	7.64	5.808	16.368
BT-LE(2Mbps)	-	-	-	-	-	-	-	-
2402MHz_TnomVnom	Pass	4.22	3.47	2.223	10	7.69	5.875	16.368
2440MHz_TnomVnom	Pass	4.22	3.78	2.388	10	8.00	6.310	16.368
2480MHz_TnomVnom	Pass	4.22	3.58	2.280	10	7.80	6.026	16.368

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~P4



Power Tolerance (DTS)

Appendix C.2

Summary

Mode	Result	Power (dBm)	Power (mW)	Declare (mW)	Tolerance (%)	Limit+ (%)	Limit- (%)
2.4-2.4835GHz	-	-	-	-	-	-	-
BT-LE(1Mbps)	Pass	4.61	2.89068	2.89068	0.00	20	-80
BT-LE(2Mbps)	Pass	3.78	2.38781	2.89068	-17.40	20	-80

Result

Mode	Result	Power (dBm)	Power (mW)	Declare (mW)	Tolerance (%)	Limit+ (%)	Limit- (%)
BT-LE(1Mbps)	-	-	-	-	-	-	-
2402MHz_TnomVnom	Pass	4.61	2.89068	2.89068	0.00	20	-80
2440MHz_TnomVnom	Pass	3.65	2.31739	2.89068	-19.83	20	-80
2480MHz_TnomVnom	Pass	3.42	2.19786	2.89068	-23.97	20	-80
BT-LE(2Mbps)	-	-	-	-	-	-	-
2402MHz_TnomVnom	Pass	3.47	2.22331	2.89068	-23.09	20	-80
2440MHz_TnomVnom	Pass	3.78	2.38781	2.89068	-17.40	20	-80
2480MHz_TnomVnom	Pass	3.58	2.28034	2.89068	-21.11	20	-80



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-LE(1Mbps)	Pass	2.4965G	12.5G	1M	6.98432G	-44.50	0.03548	-26.02	2.5
BT-LE(2Mbps)	Pass	2.387G	2.4G	1M	2.4G	-27.11	1.94536	-16.02	25

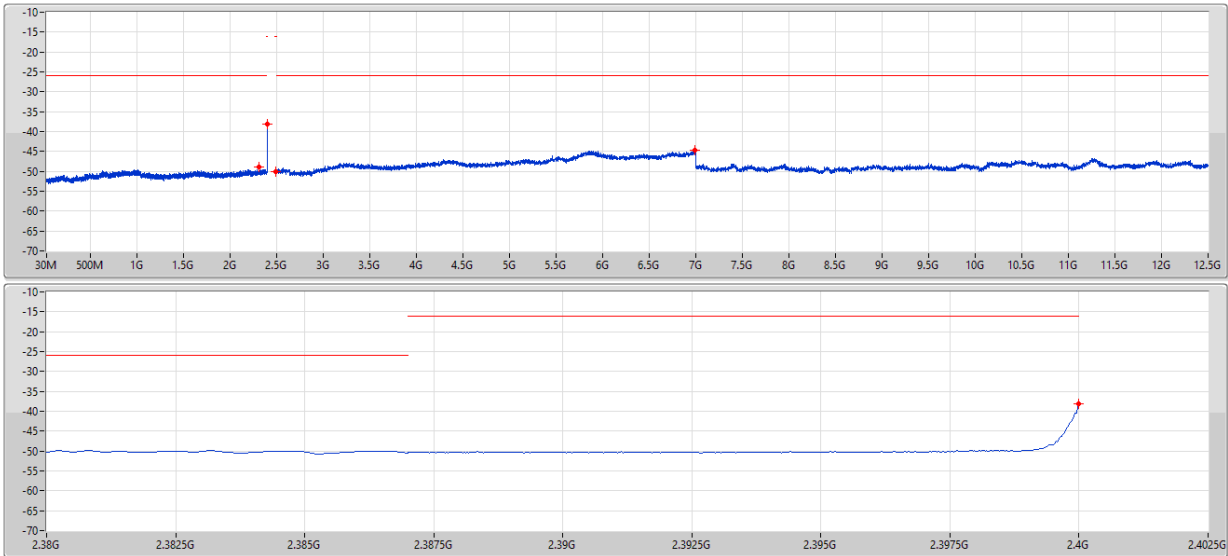
Result

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-LE(1Mbps)	-	-	-	-	-	-	-	-	-
2402MHz_TnomVnom	Pass	30M	2.387G	1M	2.30539G	-49.00	0.01259	-26.02	2.5
2402MHz_TnomVnom	Pass	2.387G	2.4G	1M	2.4G	-38.14	0.15346	-16.02	25
2402MHz_TnomVnom	Pass	2.4835G	2.4965G	1M	2.49369G	-50.04	0.00991	-16.02	25
2402MHz_TnomVnom	Pass	2.4965G	12.5G	1M	6.99307G	-44.77	0.03334	-26.02	2.5
2440MHz_TnomVnom	Pass	30M	2.387G	1M	2.34369G	-48.71	0.01346	-26.02	2.5
2440MHz_TnomVnom	Pass	2.387G	2.4G	1M	2.39867G	-50.10	0.00977	-16.02	25
2440MHz_TnomVnom	Pass	2.4835G	2.4965G	1M	2.48795G	-49.95	0.01012	-16.02	25
2440MHz_TnomVnom	Pass	2.4965G	12.5G	1M	6.99933G	-44.69	0.03396	-26.02	2.5
2480MHz_TnomVnom	Pass	30M	2.387G	1M	2.38405G	-47.24	0.01888	-26.02	2.5
2480MHz_TnomVnom	Pass	2.387G	2.4G	1M	2.39873G	-50.14	0.00968	-16.02	25
2480MHz_TnomVnom	Pass	2.4835G	2.4965G	1M	2.48363G	-49.87	0.0103	-16.02	25
2480MHz_TnomVnom	Pass	2.4965G	12.5G	1M	6.98432G	-44.50	0.03548	-26.02	2.5
BT-LE(2Mbps)	-	-	-	-	-	-	-	-	-
2402MHz_TnomVnom	Pass	30M	2.387G	1M	2.34428G	-46.64	0.02168	-26.02	2.5
2402MHz_TnomVnom	Pass	2.387G	2.4G	1M	2.4G	-27.11	1.94536	-16.02	25
2402MHz_TnomVnom	Pass	2.4835G	2.4965G	1M	2.4835G	-47.23	0.01892	-16.02	25
2402MHz_TnomVnom	Pass	2.4965G	12.5G	1M	6.97182G	-41.96	0.06368	-26.02	2.5
2440MHz_TnomVnom	Pass	30M	2.387G	1M	2.34457G	-46.61	0.02183	-26.02	2.5
2440MHz_TnomVnom	Pass	2.387G	2.4G	1M	2.3973G	-47.35	0.01841	-16.02	25
2440MHz_TnomVnom	Pass	2.4835G	2.4965G	1M	2.49523G	-47.26	0.01879	-16.02	25
2440MHz_TnomVnom	Pass	2.4965G	12.5G	1M	6.98432G	-41.89	0.06471	-26.02	2.5
2480MHz_TnomVnom	Pass	30M	2.387G	1M	2.38464G	-46.02	0.025	-26.02	2.5
2480MHz_TnomVnom	Pass	2.387G	2.4G	1M	2.39828G	-47.35	0.01841	-16.02	25
2480MHz_TnomVnom	Pass	2.4835G	2.4965G	1M	2.4835G	-46.62	0.02178	-16.02	25
2480MHz_TnomVnom	Pass	2.4965G	12.5G	1M	5.85267G	-42.00	0.0631	-26.02	2.5

BT-LE(1Mbps)

CSE-TX-DTS

2402MHz_TnomVnom

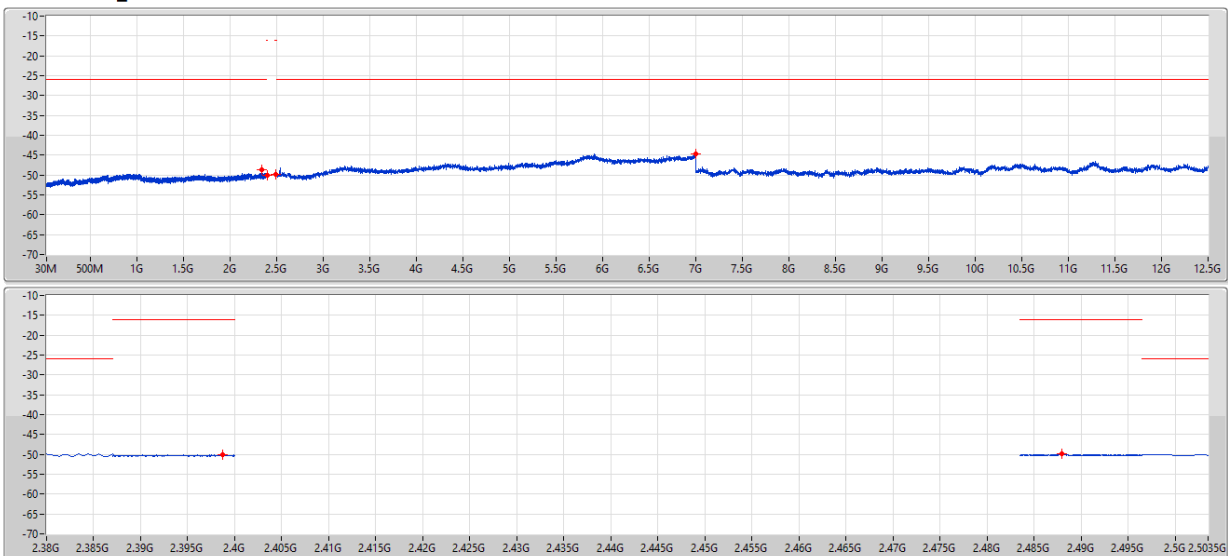


F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	2.387G	2.30539G	-49.00	-26.02	-22.98	-49.00
2.387G	2.4G	2.4G	-38.14	-16.02	-22.12	-38.14
2.4835G	2.4965G	2.49369G	-50.04	-16.02	-34.02	-50.04
2.4965G	12.5G	6.99307G	-44.77	-26.02	-18.75	-44.77

BT-LE(1Mbps)

CSE-TX-DTS

2440MHz_TnomVnom

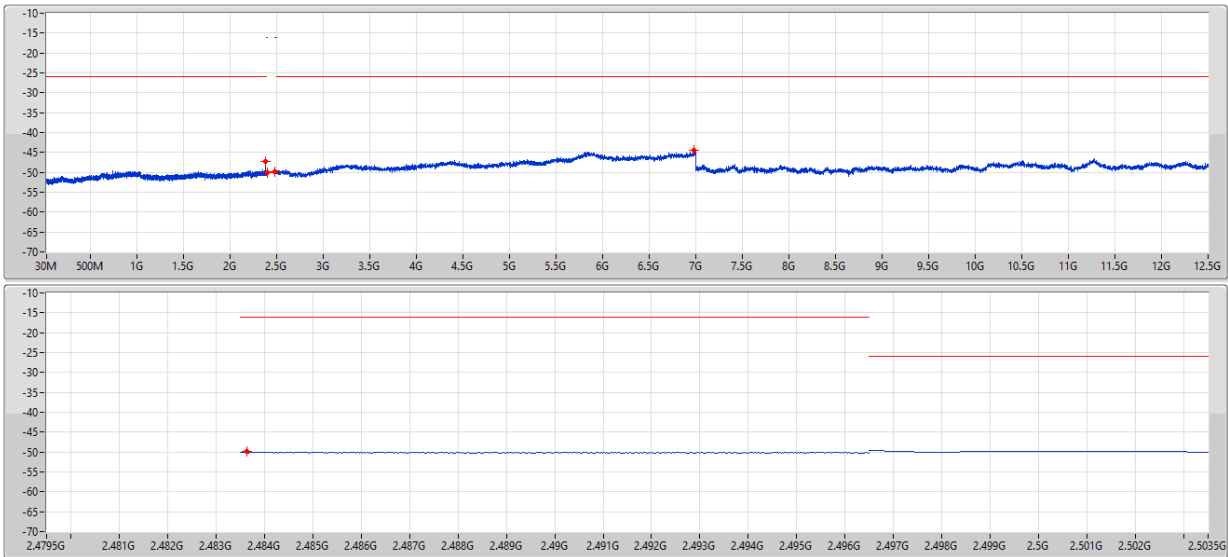


F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	2.387G	2.34369G	-48.71	-26.02	-22.69	-48.71
2.387G	2.4G	2.39867G	-50.10	-16.02	-34.08	-50.10
2.4835G	2.4965G	2.48795G	-49.95	-16.02	-33.93	-49.95
2.4965G	12.5G	6.99933G	-44.69	-26.02	-18.67	-44.69

BT-LE(1Mbps)

CSE-TX-DTS

2480MHz_TnomVnom



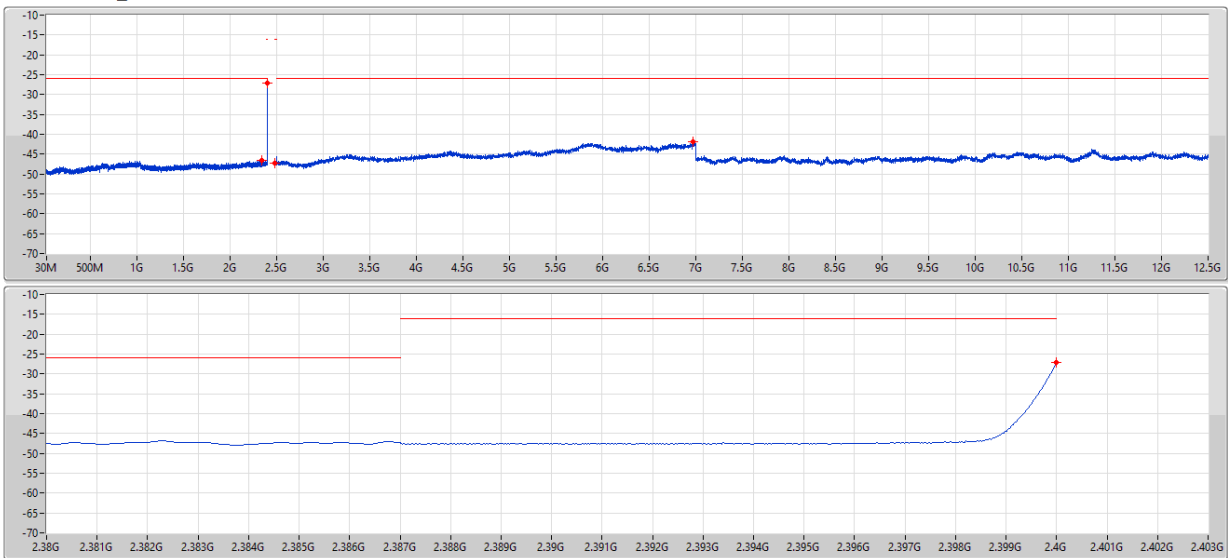
19/10/2022
Limit
Port 1

F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	2.387G	2.38405G	-47.24	-26.02	-21.22	-47.24
2.387G	2.4G	2.39879G	-50.14	-16.02	-34.12	-50.14
2.4835G	2.4965G	2.48369G	-49.87	-16.02	-33.85	-49.87
2.4965G	12.5G	6.98432G	-44.50	-26.02	-18.48	-44.50

BT-LE(2Mbps)

CSE-TX-DTS

2402MHz_TnomVnom



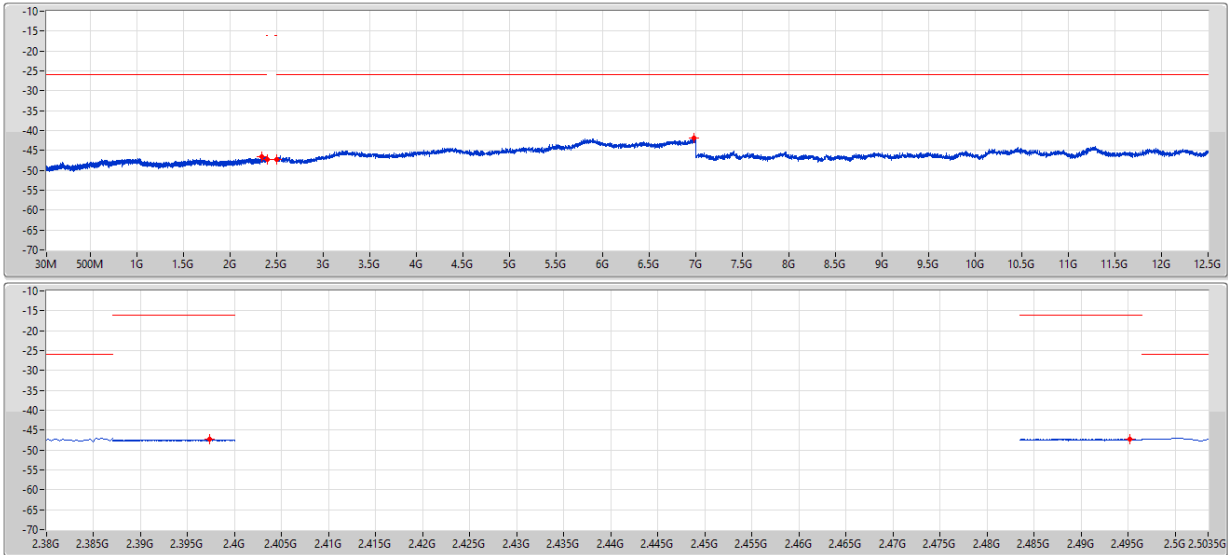
19/10/2022
Limit
Port 1

F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	2.387G	2.34428G	-46.64	-26.02	-20.62	-46.64
2.387G	2.4G	2.4G	-27.11	-16.02	-11.09	-27.11
2.4835G	2.4965G	2.4835G	-47.23	-16.02	-31.21	-47.23
2.4965G	12.5G	6.97182G	-41.96	-26.02	-15.94	-41.96

BT-LE(2Mbps)

CSE-TX-DTS

2440MHz_TnomVnom

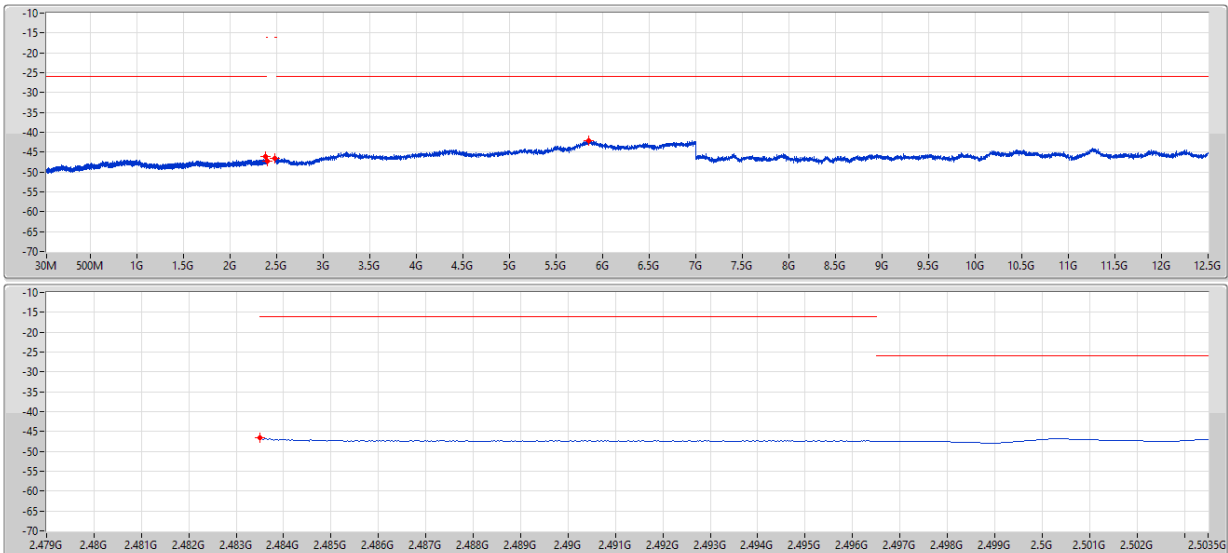


F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	2.387G	2.34457G	-46.61	-26.02	-20.59	-46.61
2.387G	2.4G	2.3979G	-47.35	-16.02	-31.33	-47.35
2.4835G	2.4965G	2.48923G	-47.26	-16.02	-31.24	-47.26
2.4965G	12.5G	6.98432G	-41.89	-26.02	-15.87	-41.89

BT-LE(2Mbps)

CSE-TX-DTS

2480MHz_TnomVnom



F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	2.387G	2.38464G	-46.02	-26.02	-20.00	-46.02
2.387G	2.4G	2.39828G	-47.35	-16.02	-31.33	-47.35
2.4835G	2.4965G	2.4835G	-46.62	-16.02	-30.60	-46.62
2.4965G	12.5G	5.85267G	-42.00	-26.02	-15.98	-42.00



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-LE(1Mbps)	Pass	30M	1G	100k	49.89M	-70.29	0.09354	-53.98	4
BT-LE(2Mbps)	Pass	30M	1G	100k	49.89M	-69.52	0.11169	-53.98	4

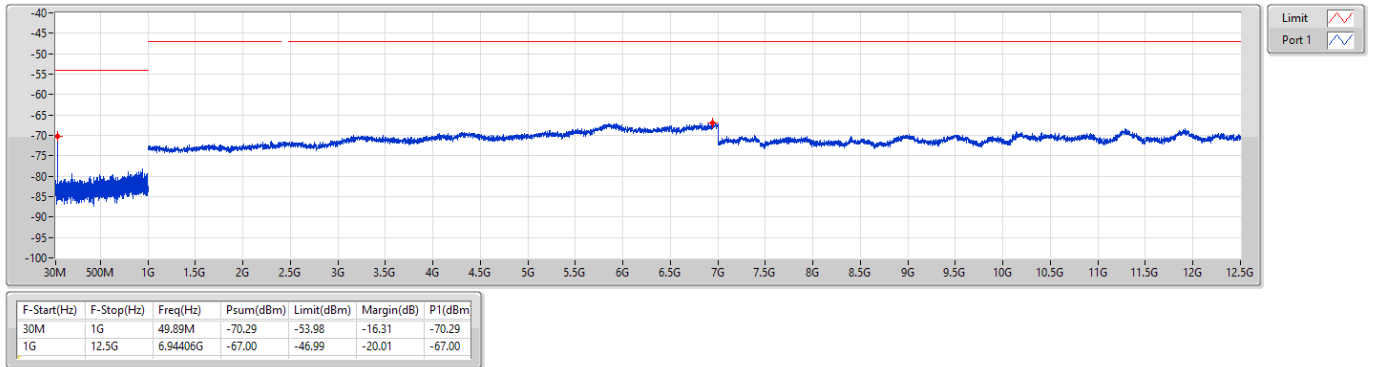
Result

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	Freq (Hz)	Psum (dBm)	Psum (nW)	Limit (dBm)	Limit (nW)
BT-LTE(1Mbps)	-	-	-	-	-	-	-	-	-
2402MHz_TnomVnom	Pass	30M	1G	100k	49.89M	-70.29	0.09354	-53.98	4
2402MHz_TnomVnom	Pass	1G	12.5G	1M	6.94406G	-67.00	0.19953	-46.99	20
2440MHz_TnomVnom	Pass	30M	1G	100k	49.89M	-70.50	0.08913	-53.98	4
2440MHz_TnomVnom	Pass	1G	12.5G	1M	5.88606G	-66.70	0.2138	-46.99	20
2480MHz_TnomVnom	Pass	30M	1G	100k	49.89M	-70.58	0.0875	-53.98	4
2480MHz_TnomVnom	Pass	1G	12.5G	1M	6.98431G	-66.88	0.20512	-46.99	20
BT-LTE(2Mbps)	-	-	-	-	-	-	-	-	-
2402MHz_TnomVnom	Pass	30M	1G	100k	49.89M	-70.06	0.09863	-53.98	4
2402MHz_TnomVnom	Pass	1G	12.5G	1M	5.96081G	-66.71	0.2133	-46.99	20
2440MHz_TnomVnom	Pass	30M	1G	100k	49.89M	-69.52	0.11169	-53.98	4
2440MHz_TnomVnom	Pass	1G	12.5G	1M	6.98575G	-66.65	0.21627	-46.99	20
2480MHz_TnomVnom	Pass	30M	1G	100k	49.89M	-70.14	0.09683	-53.98	4
2480MHz_TnomVnom	Pass	1G	12.5G	1M	5.8645G	-66.77	0.21038	-46.99	20

BT-LE(1Mbps)

CSE-RX-DTS

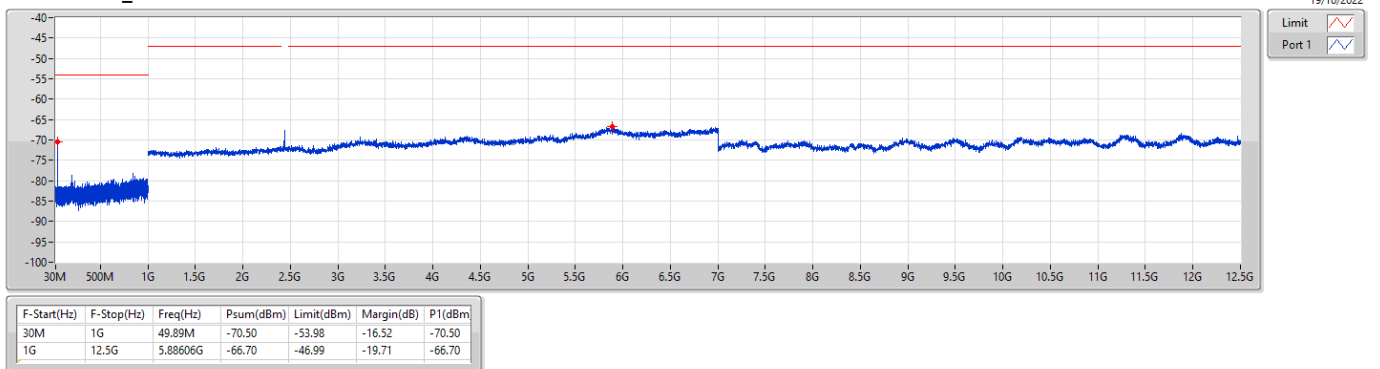
2402MHz_TnomVnom



BT-LE(1Mbps)

CSE-RX-DTS

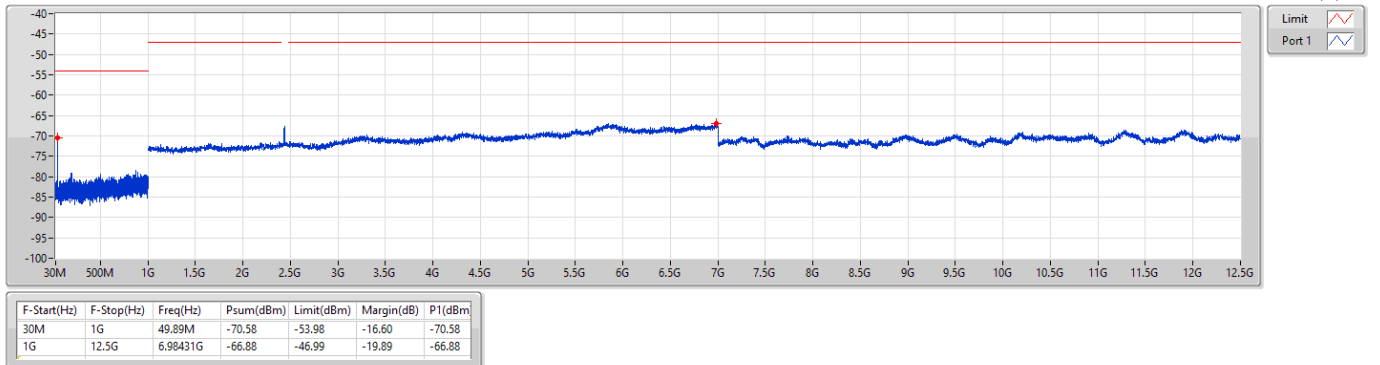
2440MHz_TnomVnom



BT-LE(1Mbps)

CSE-RX-DTS

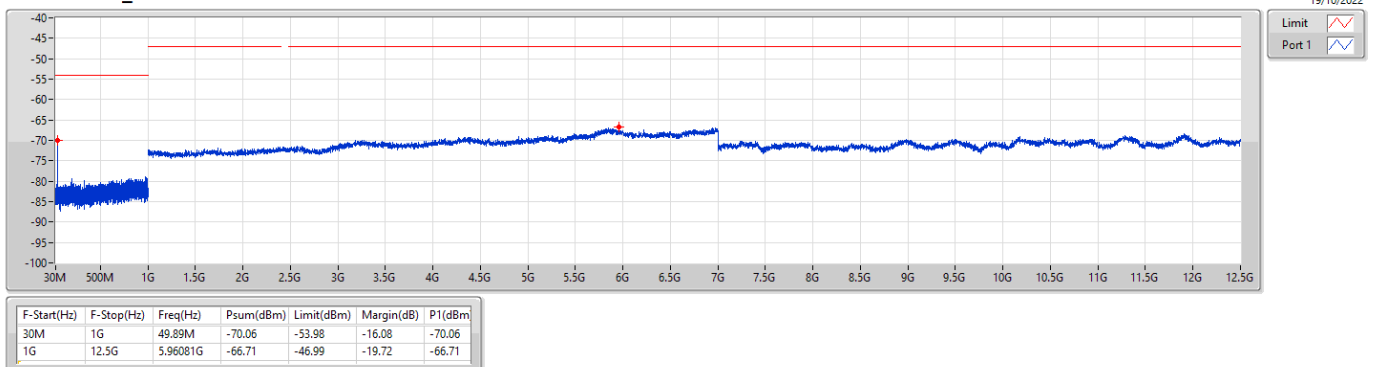
2480MHz_TnomVnom



BT-LE(2Mbps)

CSE-RX-DTS

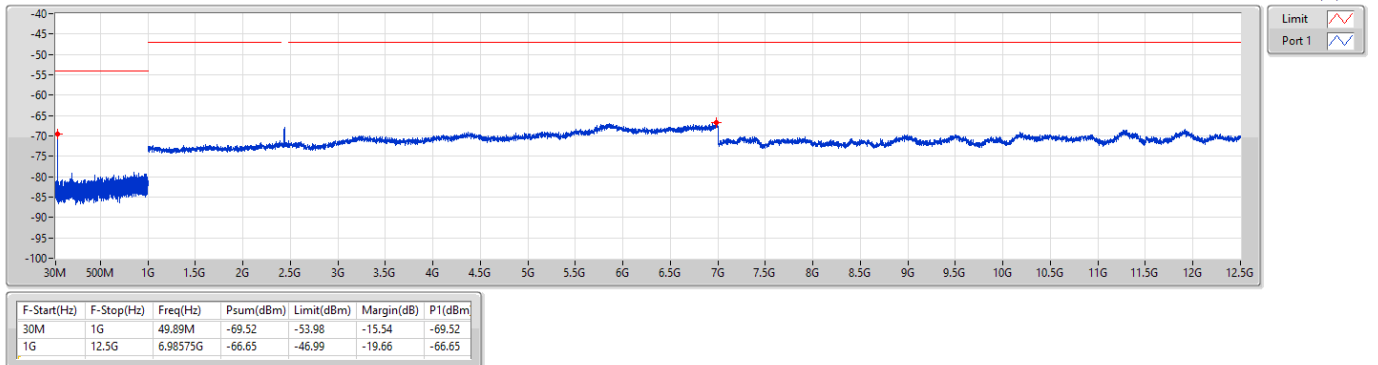
2402MHz_TnomVnom



BT-LE(2Mbps)

CSE-RX-DTS

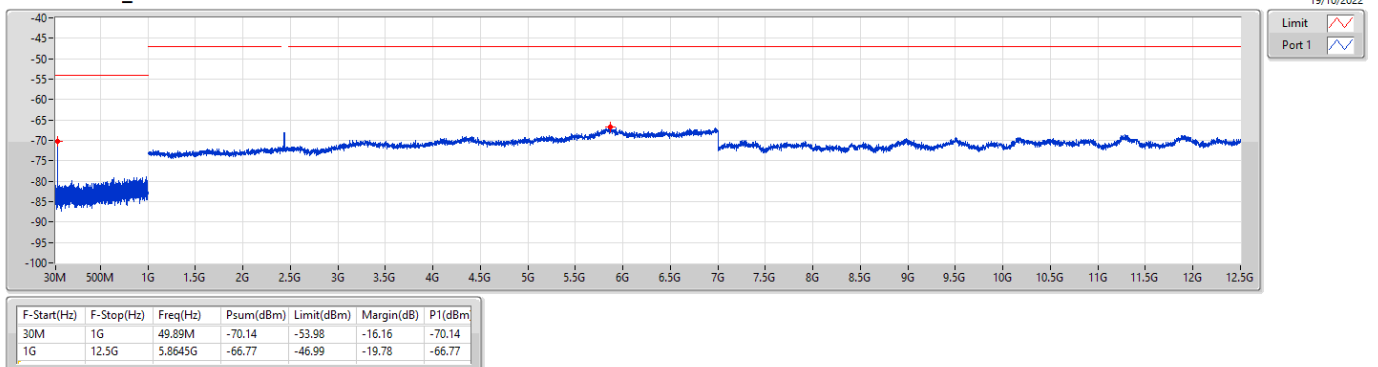
2440MHz_TnomVnom



BT-LE(2Mbps)

CSE-RX-DTS

2480MHz_TnomVnom





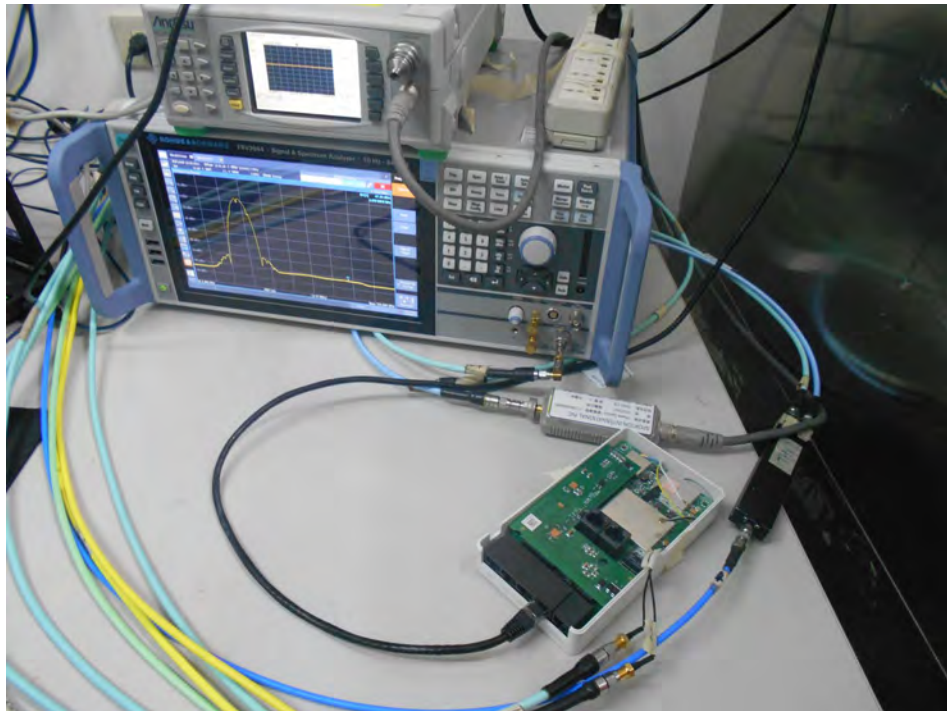
Summary

Mode	Result	MAC (ID Length)	ID Limit	Function
2.4-2.4835GHz	-	-	-	-
BT-LE(1Mbps)	Pass	E0:01:A6:3F:B7:B8	48 bits	Good
BT-LE(2Mbps)	Pass	E0:01:A6:3F:B7:B8	48 bits	Good

Result

Mode	Result	MAC (ID Length)	ID Limit	Function
BT-LE(1Mbps)	-	-	-	-
2402MHz_TnomVnom	Pass	E0:01:A6:3F:B7:B8	48 bits	Good
2440MHz_TnomVnom	Pass	E0:01:A6:3F:B7:B8	48 bits	Good
2480MHz_TnomVnom	Pass	E0:01:A6:3F:B7:B8	48 bits	Good
BT-LE(2Mbps)	-	-	-	-
2402MHz_TnomVnom	Pass	E0:01:A6:3F:B7:B8	48 bits	Good
2440MHz_TnomVnom	Pass	E0:01:A6:3F:B7:B8	48 bits	Good
2480MHz_TnomVnom	Pass	E0:01:A6:3F:B7:B8	48 bits	Good

1. Photographs of Test Configuration



————THE END————