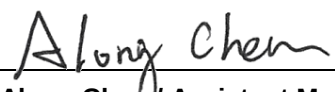


FCC Test Report

FCC ID : IPH-05047
Equipment : Meter/IVI
Model No. : HAWW
Brand Name : GARMIN
Applicant : Garmin International, Inc.
Address : 1200 E. 151st Street Olathe, KS 66062 United States
Standard : 47 CFR FCC Part 15.247
Received Date : Feb. 12, 2025
Tested Date : Oct. 09 ~ Oct. 15, 2025

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:


Along Chen / Assistant Manager

Approved by:

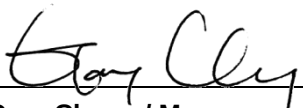

Gary Chang / Manager

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Appendix A. Unwanted Emissions into Restricted Frequency Bands

Appendix B. Unwanted Emissions into Non-Restricted Frequency Bands

Appendix C. Conducted Output Power

Appendix D. Number of Hopping Frequency

Appendix E. 20dB and Occupied Bandwidth

Appendix F. Channel Separation

Appendix G. Number of Dwell Time

Release Record

Report No.	Version	Description	Issued Date
FR521201AD	Rev. 01	Initial issue	Nov. 27, 2025

Summary of Test Results

FCC Rules	Test Items	Measured	Result
15.207	AC Power Line Conducted Emission	Note ¹	N/A
15.247(d) 15.209	Unwanted Emissions	[dBuV/m at 3m]: 60MHz 36.57 (Margin -3.43dB) - PK	Pass
15.247(d)	Band Edge	Meet the requirement of limit	Pass
15.247(b)(1)	Conducted Output Power	Power [dBm]: 4.81	Pass
15.247(a)(1)(iii)	Number of Hopping Channels	Meet the requirement of limit	Pass
15.247(a)(1)	Hopping Channel Separation	Meet the requirement of limit	Pass
15.247(a)(1)(iii)	Dwell Time	Meet the requirement of limit	Pass
15.203	Antenna Requirement	Meet the requirement of limit	Pass
N/A means Not Applicable. Note ¹ : The EUT consumes DC power from battery, so the test is not required.			

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)

RF General Information				
Frequency Range (MHz)	Bluetooth Mode	Ch. Frequency (MHz)	Channel Number	Data Rate
2400-2483.5	BR	2402-2480	0-78 [79]	1 Mbps
2400-2483.5	EDR	2402-2480	0-78 [79]	2 Mbps
2400-2483.5	EDR	2402-2480	0-78 [79]	3 Mbps
Note 1: RF output power specifies that Maximum Peak Conducted Output Power. Note 2: Bluetooth BR uses a GFSK. Note 3: Bluetooth EDR uses a combination of $\pi/4$ -DQPSK and 8DPSK.				

1.1.2 Antenna Details

Brand	Model	Type	Connector	Gain (dBi)	Remarks
INPAQ	700-00228-00	PCB	IPEX	4.8	Combo chip
INPAQ	717-00180-00	Chip	NA	4.95	Chip 1
INPAQ	717-00180-00	Chip	NA	1.29	Chip 2

1.1.3 Chip Information

Chip	Model name	Description
Combo chip	AW611	WIFI / BT EDR + BLE
Chip 1	AW300	BT EDR + BLE
Chip 2	AW300	BT EDR + BLE

1.1.4 Power Supply Type of Equipment under Test (EUT)

Power Supply Type	DC 12V
-------------------	--------

1.1.5 Accessories

N/A

1.1.6 Channel List

Frequency band (MHz)				2400~2483.5			
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	---	---

1.1.7 Test Tool and Duty Cycle

Configuration 1: Combo chip, model AW611

Test Tool	Garmin USB Monitor, Version: 3.6.5.0 Bluetooth Simulator, Brand: R&S, Model: CMW270	
Modulation Mode	Duty Cycle Of Test Signal (%)	Duty Factor (dB)
DH5	77.08%	1.13
2DH5	77.14%	1.13
3DH5	77.20%	1.12

Configuration 2: Chip 1, model AW300

Test Tool	Garmin USB Monitor, Version: 3.6.5.0 Bluetooth Simulator, Brand: R&S, Model: CMW270	
Modulation Mode	Duty Cycle Of Test Signal (%)	Duty Factor (dB)
DH5	77.05%	1.13
2DH5	77.04%	1.13
3DH5	77.07%	1.13

Configuration 3: Chip 2, model AW300

Test Tool	Garmin USB Monitor, Version: 3.6.5.0 Bluetooth Simulator, Brand: R&S, Model: CMW270	
Modulation Mode	Duty Cycle Of Test Signal (%)	Duty Factor (dB)
DH5	77.08%	1.13
2DH5	77.16%	1.13
3DH5	77.19%	1.12

1.1.8 Power Index of Test Tool

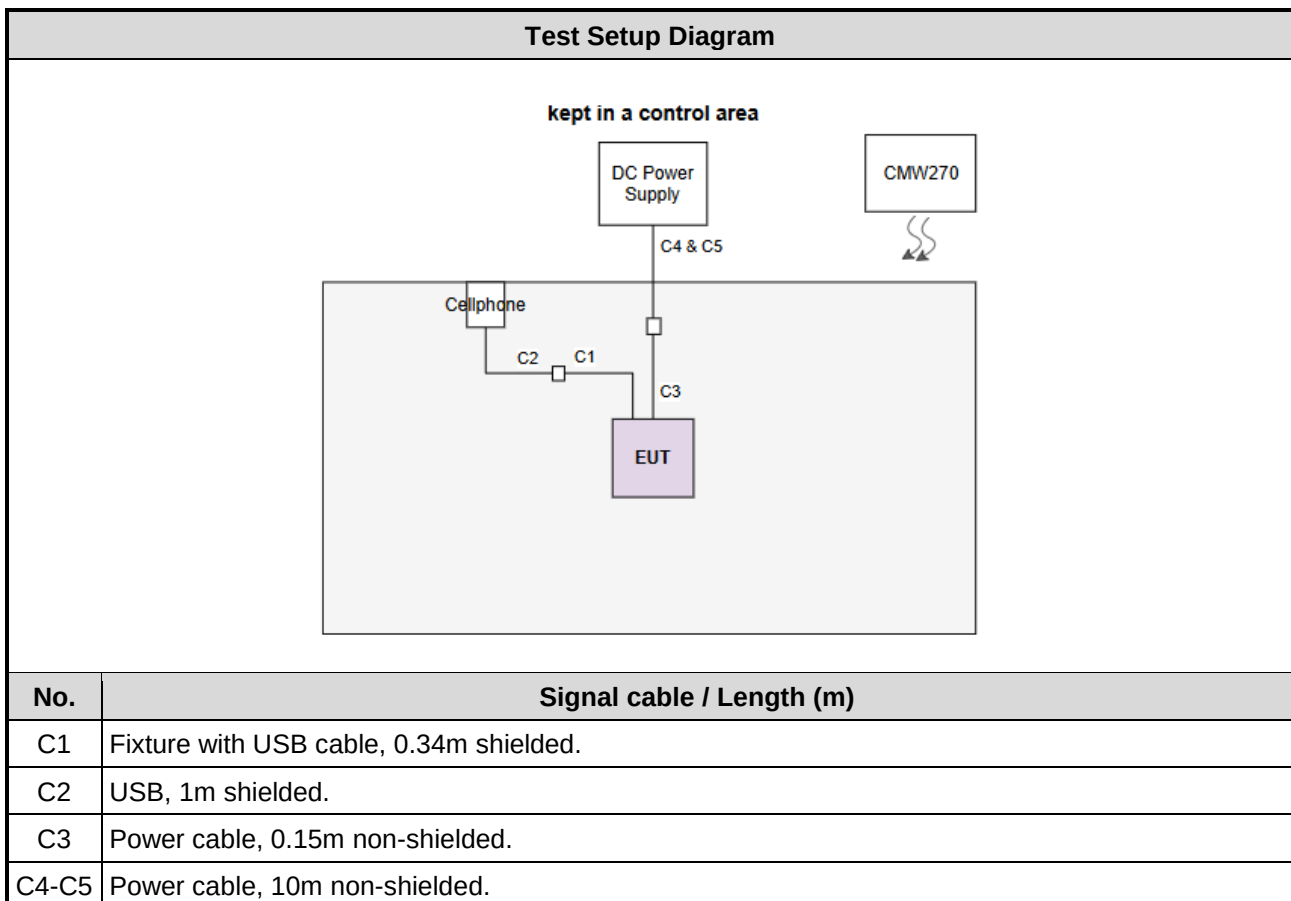
Modulation Mode	Test Frequency (MHz)		
	2402	2441	2480
GFSK/1Mbps	default	default	default
$\pi/4$ -DQPSK /2Mbps	default	default	default
8DPSK/3Mbps	default	default	default

1.2 Local Support Equipment List

Support Equipment List					
No.	Equipment	Brand	Model	FCC ID	Remarks
1	Cellphone	SAMSUNG	SM-A530F/DS	---	---
2	DC Power Supply	GWINSTEK	GPC-60300	---	---
3	Laptop	DELL	Latitude 3440	DoC	---
C1	Fixture with USB cable	GARMIN	HAWW_V2 HAWW_USB	---	Provided by applicant.
C2	Samsung USB cable	Samsung	EP-DA705BWE GWW	---	---
C3	Power cable	GARMIN	HAWW_20P	---	Provided by applicant.
C4	DC Cable	ICC	DCC-10m-R	---	---
C5	DC Cable	ICC	DCC-10m-B	---	---

Note: The support laptop was disconnected from the EUT and was removed from testing table after sending command to EUT to transmit continuously.

1.3 Test Setup Chart



1.4 The Equipment List

Test Item	Radiated Emission				
Test Site	966 chamber3 / (03CH03-WS)				
Tested Date	Oct. 09 ~ Oct. 14, 2025				
Instrument	Brand	Model No.	Serial No.	Calibration Date	Calibration Until
Receiver	R&S	ESR3	101657	Mar. 11, 2025	Mar. 10, 2026
Spectrum Analyzer	R&S	FSV40	101499	Mar. 27, 2025	Mar. 26, 2026
Loop Antenna	R&S	HFH2-Z2	100330	Nov. 05, 2024	Nov. 04, 2025
Bilog Antenna	SCHWARZBECK	VULB9168	VULB9168-685	Jul. 04, 2025	Jul. 03, 2026
Horn Antenna 1G-18G	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1206	Dec. 20, 2024	Dec. 19, 2025
Horn Antenna 18G-40G	SCHWARZBECK	BBHA 9170	BBHA 9170517	Nov. 18, 2024	Nov. 17, 2025
Preamplifier	EMC	EMC02325	980187	Jun. 24, 2025	Jun. 23, 2026
Preamplifier	EMC	EMC118A45SE	980897	Aug. 08, 2025	Aug. 07, 2026
Preamplifier	EMC	EMC184045SE	980903	Aug. 08, 2025	Aug. 07, 2026
Loop Antenna Cable	KOAX KABEL	101354-BW	101354-BW	Oct. 01, 2025	Sep. 30, 2026
LF cable-0.8M	EMC	EMC8D-NM-NM-800	EMC8D-NM-NM-800-001	Sep. 19, 2025	Sep. 18, 2026
LF cable-3M	EMC	EMC8D-NM-NM-3000	131103	Sep. 19, 2025	Sep. 18, 2026
LF cable-13M	EMC	EMC8D-NM-NM-13000	131104	Sep. 19, 2025	Sep. 18, 2026
RF cable-3M	HUBER+SUHNER	SUCOFLEX104	MY22620/4	Sep. 19, 2025	Sep. 18, 2026
RF cable-8M	EMC	EMC104-SM-SM-8000	181107	Sep. 19, 2025	Sep. 18, 2026
Attenuator	Pasternack	PE7005-10	10-3	Sep. 19, 2025	Sep. 18, 2026
HIGHPASS FILTER	WI	WHK3.1-18G-10SS	43	Sep. 19, 2025	Sep. 18, 2026
Measurement Software	Sporton	SENSE-EMI	V5.11	NA	NA
Measurement Software	Sporton	SENSE-15247_FS	V5.11	NA	NA

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

Test Item	RF Conducted				
Test Site	(TH01-WS)				
Tested Date	Oct. 15, 2025				
Instrument	Brand	Model No.	Serial No.	Calibration Date	Calibration Until
Spectrum Analyzer	R&S	FSV40	101910	Apr. 18, 2025	Apr. 17, 2026
Power Meter	Anritsu	ML2495A	1241002	Nov. 26, 2024	Nov. 25, 2025
Power Sensor	Anritsu	MA2411B	1207366	Nov. 26, 2024	Nov. 25, 2025
Attenuator	Pasternack	PE7005-10	10-2	Oct. 03, 2025	Oct. 02, 2026
Wireless connectivity tester	R&S	CMW270	100856	Nov. 14, 2024	Nov. 13, 2025
Measurement Software	Sporton	SENSE-15247_FS	V5.11	NA	NA

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

1.5 Test Standards

47 CFR FCC Part 15.247

ANSI C63.10-2020

ANSI C63.4-2014 + C63.4a-2017

1.6 Reference Guidance

FCC KDB 558074 D01 15.247 Meas Guidance v05r02

1.7 Deviation from Test Standard and Measurement Procedure

None

1.8 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	± 34.130 Hz
Conducted power	± 0.808 dB
Power density	± 0.583 dB
Conducted emission	± 2.715 dB
AC conducted emission	± 2.92 dB
Unwanted Emission ≤ 1 GHz	± 3.96 dB
Unwanted Emission > 1 GHz	± 4.51 dB
Time	$\pm 0.1\%$

2 Test Configuration

2.1 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.)
Test Site	03CH03-WS
Address of Test Site	No.14-1, Lane 19, Wen San 3rd St., Kwei Shan Dist., Tao Yuan City 333, Taiwan (R.O.C.)

- FCC Designation No.: TW0009
- FCC site registration No.: 207696
- ISSED#: 10807C
- CAB identifier: TW2732

2.2 The Worst Test Modes and Channel Details

Test item	Modulation Mode	Test Frequency (MHz)	Data Rate (Mbps)	Test Configuration
Radiated Emissions ≤ 1GHz	8DPSK	2402	3Mbps	1, 2, 3
Radiated Emissions > 1GHz	GFSK 8DPSK	2402, 2441, 2480 2402, 2441, 2480	1Mbps 3Mbps	1, 2, 3
Conducted Output Power	GFSK π/4 DQPSK 8DPSK	2402, 2441, 2480 2402, 2441, 2480 2402, 2441, 2480	1Mbps 2Mbps 3Mbps	1, 2, 3
Number of Hopping Channels	GFSK π/4 DQPSK 8DPSK	2402~2480 2402~2480 2402~2480	1Mbps 2Mbps 3Mbps	1, 2, 3
Hopping Channel Separation 20dB and Occupied bandwidth	GFSK π/4 DQPSK 8DPSK	2402, 2441, 2480 2402, 2441, 2480 2402, 2441, 2480	1Mbps 2Mbps 3Mbps	1, 2, 3
Dwell Time	GFSK π/4 DQPSK 8DPSK	2402 2402 2402	1Mbps 2Mbps 3Mbps	1, 2, 3

NOTE:

1. The EUT had been tested by following test configurations.
 - 1) Configuration 1: Combo chip, model AW611
 - 2) Configuration 2: Chip 1, model AW300
 - 3) Configuration 3: Chip 2, model AW300

3 Transmitter Test Results

3.1 Unwanted Emissions into Restricted Frequency Bands

3.1.1 Limit of Unwanted Emissions into Restricted Frequency Bands

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

Note 1:
Qusai-Peak value is measured for frequency below 1GHz except for 9~90 kHz, 110~490 kHz frequency band. Peak and average value are measured for frequency above 1GHz. The limit on average radio frequency emission is as above table. The limit on peak radio frequency emissions is 20 dB above the maximum permitted average emission limit

Note 2:
Measurements may be performed at a distance other than what is specified provided. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor as below, Frequency at or above 30 MHz: 20 dB/decade Frequency below 30 MHz: 40 dB/decade.

3.1.2 Test Procedures

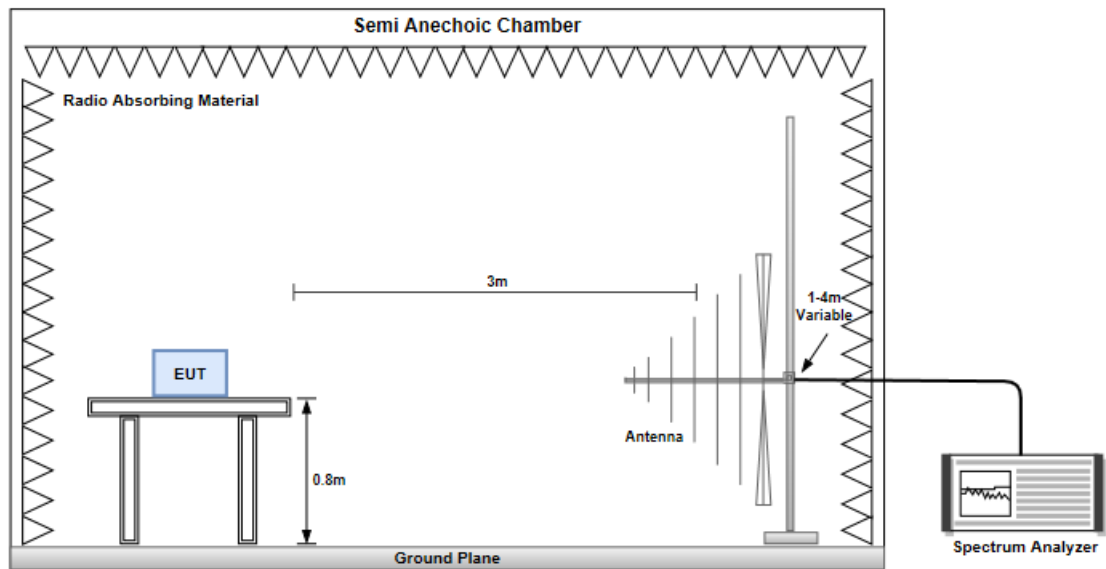
1. Measurement is made at a semi-anechoic chamber that incorporates a turntable allowing a EUT rotation of 360°. A continuously-rotating, remotely-controlled turntable is installed at the test site to support the EUT and facilitate determination of the direction of maximum radiation for each EUT emission frequency. The EUT is placed at test table. For emissions testing at or below 1 GHz, the table height is 80 cm above the reference ground plane. For emission measurements above 1 GHz, the table height is 1.5 m
2. Measurement is made with the antenna positioned in both the horizontal and vertical planes of polarization. The measurement antenna is varied in height (1m ~ 4m) above the reference ground plane to obtain the maximum signal strength. Distance between EUT and antenna is 3 m.
3. This investigation is performed with the EUT rotated 360°, the antenna height scanned between 1 m and 4 m, and the antenna rotated to repeat the measurements for both the horizontal and vertical antenna polarizations.

Note:

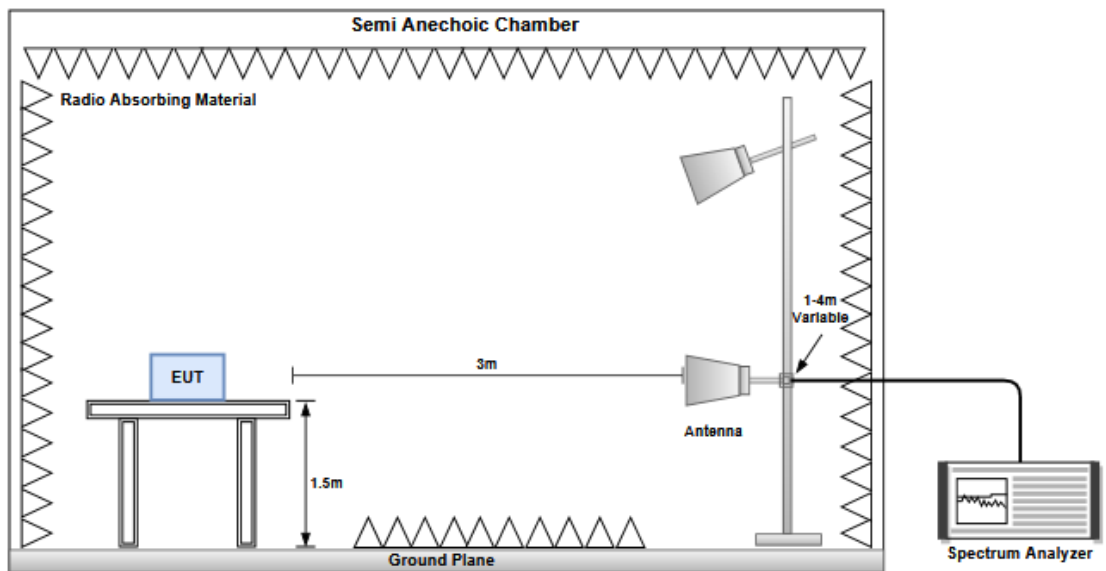
1. 120kHz measurement bandwidth of test receiver and Quasi-peak detector is for radiated emission below 1GHz.
2. Radiated emission above 1GHz / Peak value
RBW=1MHz, VBW=3MHz and Peak detector
Radiated emission above 1GHz / Average value for harmonics
The average value is: Average = Peak value + 20log(Duty cycle) Where the duty factor is calculated from following formula for DH5 packet type which has worst duty factor:
3.
$$20\log (\text{Duty cycle}) = 20\log \frac{1\text{s} / 1600 * 5}{100 \text{ ms}} = -30.1\text{dB}$$
4. Radiated emission above 1GHz / Average value for other emissions
RBW=1MHz, VBW=1/T and Peak detector

3.1.3 Test Setup

Radiated Emissions below 1 GHz



Radiated Emissions above 1 GHz



3.1.4 Test Results

Ambient Condition	23-26°C / 62-63%	Tested By	Akun Chung
-------------------	------------------	-----------	------------

Refer to Appendix A.

3.2 Unwanted Emissions into Non-Restricted Frequency Bands

3.2.1 Limit of Unwanted Emissions into Non-Restricted Frequency Bands

Peak power in any 100 kHz bandwidth outside of the authorized frequency band shall be attenuated by at least 20 dB relative to the maximum in-band peak PSD level in 100 kHz.

3.2.2 Test Procedures

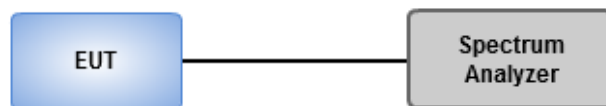
Reference level measurement

1. Set RBW=100kHz, VBW = 300kHz , Detector = Peak, Sweep time = Auto
2. Trace = max hold , Allow Trace to fully stabilize
3. Use the peak marker function to determine the maximum PSD level

Emission level measurement

1. Set RBW=100kHz, VBW = 300kHz , Detector = Peak, Sweep time = Auto
2. Trace = max hold , Allow Trace to fully stabilize
3. Scan Frequency range is up to 25GHz
4. Use the peak marker function to determine the maximum amplitude level

3.2.3 Test Setup



3.2.4 Test Results

Ambient Condition	24°C / 67%	Tested By	Aska Huang
-------------------	------------	-----------	------------

Refer to Appendix B.

3.3 Conducted Output Power

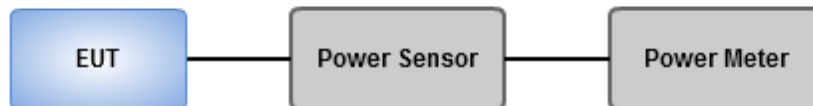
3.3.1 Limit of Conducted Output Power

- ☐ 1 Watt
For frequency hopping systems operating in the 2400–2483.5 MHz band employing at least 75 non overlapping hopping channels, and all frequency hopping systems in the 5725–5850 MHz band.
- ☒ 0.125 Watt
For all other frequency hopping systems in the 2400–2483.5 MHz band.
- ☐ 0.125 Watt
For Frequency hopping systems operating in the 2400–2483.5 MHz band have hopping channel carrier frequencies that are separated by two-thirds of the 20 dB bandwidth of the hopping channel.

3.3.2 Test Procedures

1. A wideband power meter is used for power measurement. Bandwidth of power sensor and meter is 50MHz
2. If duty cycle of test signal is not 100 %, trigger and gating function of power meter will be enabled to capture transmission burst for measuring output power

3.3.3 Test Setup



3.3.4 Test Results

Ambient Condition	24°C / 67%	Tested By	Aska Huang
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Refer to Appendix C.

3.4 Number of Hopping Frequency

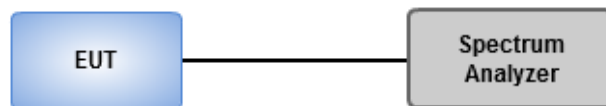
3.4.1 Limit of Number of Hopping Frequency

Frequency hopping systems in the 2400–2483.5 MHz band shall use at least 15 channels.

3.4.2 Test Procedures

1. Set RBW = 100kHz, VBW = 300kHz, Sweep time = Auto, Detector = Peak Trace max hold.
2. Allow trace to stabilize.

3.4.3 Test Setup



3.4.4 Test Results

Ambient Condition	24°C / 67%	Tested By	Aska Huang
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Refer to Appendix D.

3.5 20dB and Occupied Bandwidth

3.5.1 Test Procedures

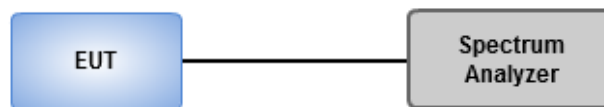
20dB Bandwidth

1. Set RBW=20kHz, VBW=100kHz, Sweep time = Auto, Detector=Peak , Trace max hold
2. Allow trace to stabilize
3. Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower) that are attenuated by 20 dB relative to the maximum level measured in the fundamental emission.

Occupied Bandwidth

1. Set RBW=20kHz, VBW=100kHz, Sweep time = Auto, Detector=Sample , Trace max hold
2. Allow trace to stabilize
3. Use Occupied bandwidth function of spectrum analyzer to measuring 99% occupied bandwidth

3.5.2 Test Setup



3.5.3 Test Results

Ambient Condition	24°C / 67%	Tested By	Aska Huang
-------------------	------------	-----------	------------

Refer to Appendix E.

3.6 Channel Separation

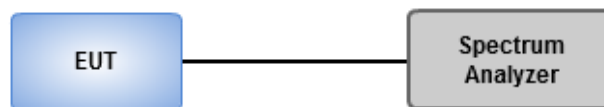
3.6.1 Limit of Channel Separation

- ☐ Frequency hopping systems shall have hopping channel carrier frequencies separated by a minimum of 25 kHz or the 20 dB bandwidth of the hopping channel, whichever is greater.
- ☒ Frequency hopping systems operating in the 2400–2483.5 MHz band may have hopping channel carrier frequencies that are separated by 25 kHz or two-thirds of the 20 dB bandwidth of the hopping channel, whichever is greater.

3.6.2 Test Procedures

1. Set RBW=30kHz, VBW=100kHz, Sweep time = Auto, Detector=Peak Trace max hold
2. Allow trace to stabilize
3. Use the marker-delta function to determine the separation between the peaks of the adjacent channels. The EUT shall show compliance with the appropriate regulatory limit

3.6.3 Test Setup



3.6.4 Test Results

Ambient Condition	24°C / 67%	Tested By	Aska Huang
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Refer to Appendix F.

3.7 Number of Dwell Time

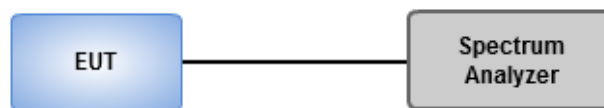
3.7.1 Limit of Dwell time

The average time of occupancy on any channel shall not be greater than 0.4 seconds within a period of 0.4 seconds multiplied by the number of hopping channels employed.

3.7.2 Test Procedures

1. Set RBW=300 kHz, VBW=1 MHz, Sweep time=8 ms, Detector=Peak, Span=0 Hz, Trace max hold.
2. Enable gating and trigger function of spectrum analyzer to measure burst on time.
3. Set RBW=300 kHz, VBW=1 MHz, Sweep time=5 s / 2 s, Detector=Peak, Span=0 Hz, Trace max hold.
4. Enable gating and trigger function of spectrum analyzer to measure burst on number of transmission.
5. Set RBW=300 kHz, VBW=1 MHz, Sweep time=31.6 s / 8 s, Detector=Peak, Span=0 Hz, Trace max hold.
6. Enable gating and trigger function of spectrum analyzer to measure burst on number of transmission of entire time cycle.

3.7.3 Test Setup



3.7.4 Test Results

Ambient Condition	24°C / 67%	Tested By	Aska Huang
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Refer to Appendix G.

4 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 <https://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==



Configuration 1: Combo chip, model AW611

Summary

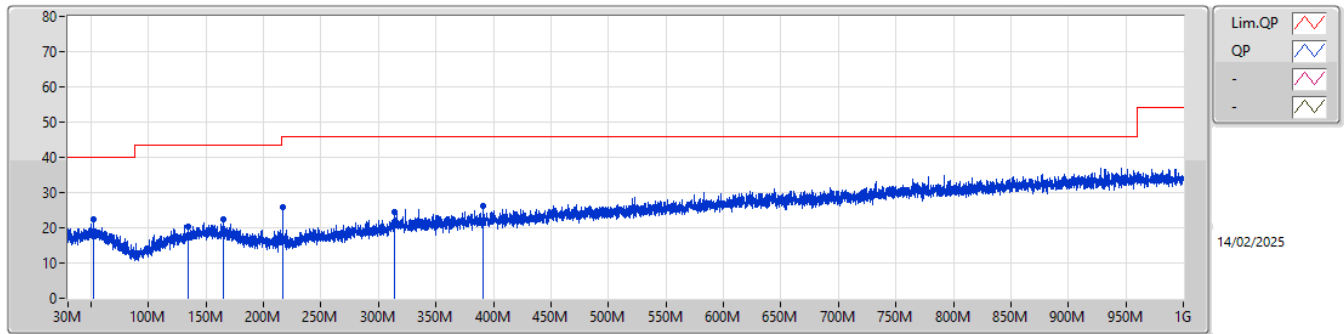
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	PK	60M	36.57	40.00	-3.43	Vertical



Unwanted Emissions into Restricted Frequency Bands Below 1GHz

Appendix A.1

Mode 1



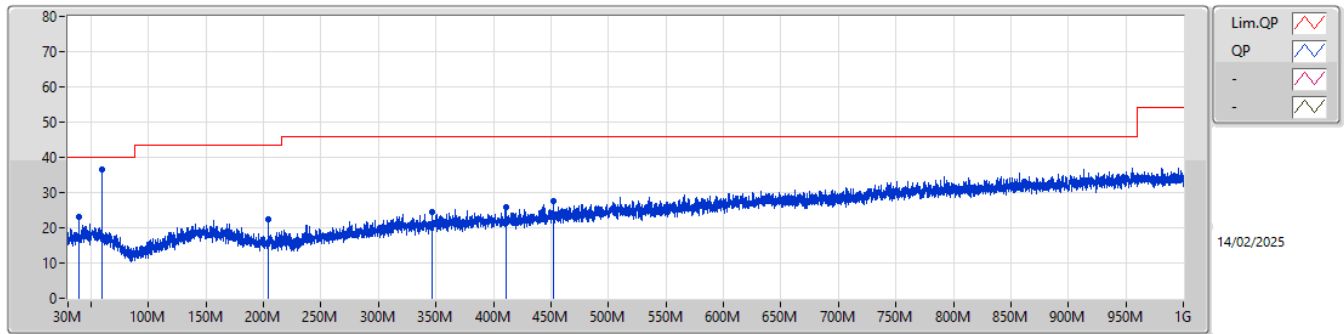
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB/m)	CL (dB)	PA (dB)		
PK	52.49M	22.34	40.00	-17.66	-8.64	3	Horizontal	-	-	-	30.98	18.75	0.66	28.05		
PK	134.03M	20.48	43.50	-23.02	-9.56	3	Horizontal	-	-	-	30.04	17.40	1.12	28.08		
PK	164.96M	22.39	43.50	-21.11	-8.84	3	Horizontal	-	-	-	31.23	18.00	1.26	28.10		
PK	216.97M	25.88	46.00	-20.12	-11.96	3	Horizontal	-	-	-	37.84	14.70	1.48	28.14		
PK	313.97M	24.37	46.00	-21.63	-7.66	3	Horizontal	-	-	-	32.03	18.66	1.85	28.17		
PK	391.29M	26.23	46.00	-19.77	-5.48	3	Horizontal	-	-	-	31.71	20.33	2.20	28.01		



Unwanted Emissions into Restricted Frequency Bands Below 1GHz

Appendix A.1

Mode 1



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB/m)	CL (dB)	PA (dB)		
PK	39.84M	23.22	40.00	-16.78	-9.40	3	Vertical	-	-	-	32.62	18.08	0.54	28.02		
PK	60M	36.57	40.00	-3.43	-9.17	3	Vertical	-	-	-	45.74	18.20	0.68	28.05		
PK	204.32M	22.46	43.50	-21.04	-11.88	3	Vertical	-	-	-	34.34	14.81	1.44	28.13		
PK	346.3M	24.53	46.00	-21.47	-6.99	3	Vertical	-	-	-	31.52	19.13	1.98	28.10		
PK	410.97M	25.78	46.00	-20.22	-5.07	3	Vertical	-	-	-	30.85	20.62	2.29	27.98		
PK	451.74M	27.57	46.00	-18.43	-3.69	3	Vertical	-	-	-	31.26	21.83	2.43	27.95		



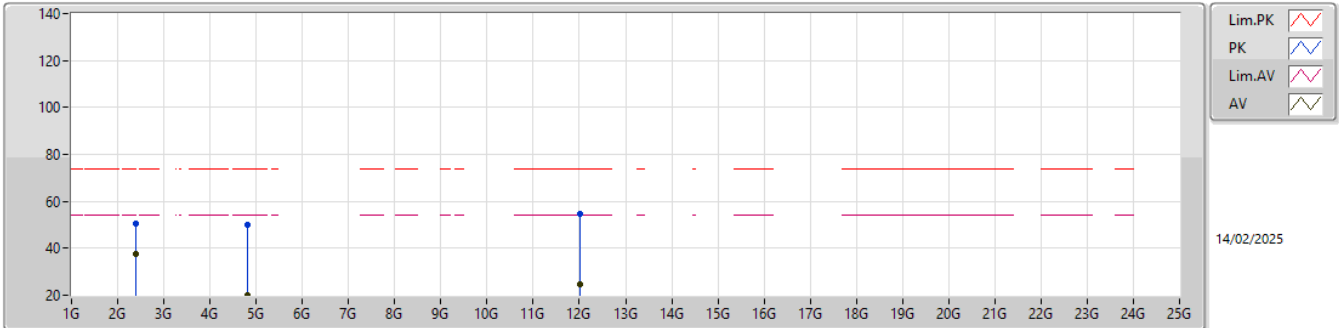
Configuration 1: Combo chip, model AW611

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
BT-BR(1Mbps)	Pass	AV	2.39G	37.75	54.00	-16.25	3	Horizontal	296	1.22	-
BT-EDR(3Mbps)	Pass	AV	2.4835G	37.84	54.00	-16.16	3	Horizontal	22	1.00	-

2.4-2.4835GHz_BT-BR(1Mbps)

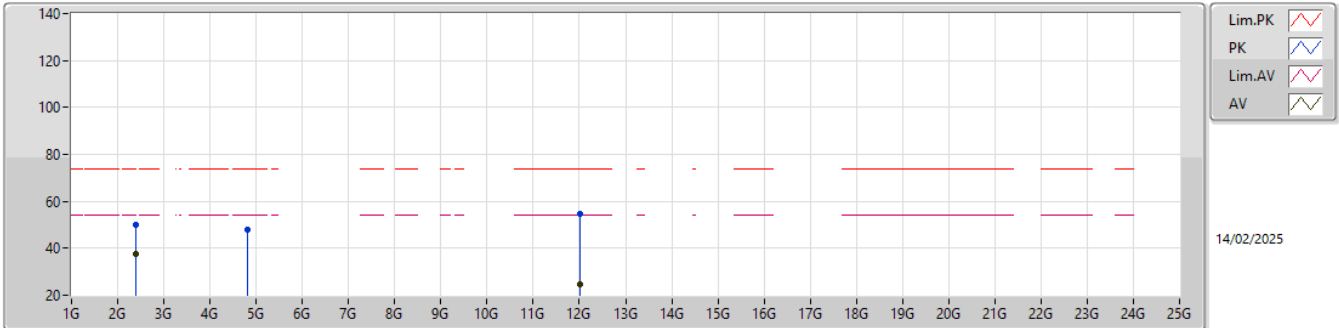
2402MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)				
AV	2.39G	37.59	54.00	-16.41	41.46	3	Horizontal	25	1.05	-	27.60	4.95	36.42				
PK	2.39G	50.74	74.00	-23.26	54.61	3	Horizontal	25	1.05	-	27.60	4.95	36.42				
AV	4.804G	19.79	54.00	-34.21	-	3	Horizontal	-	-	-	-	-	-				
PK	4.804G	49.89	74.00	-24.11	50.15	3	Horizontal	249	1.00	-	31.20	6.74	38.20				
AV	12.01G	24.41	54.00	-29.59	-	3	Horizontal	-	-	-	-	-	-				
PK	12.01G	54.51	74.00	-19.49	47.29	3	Horizontal	14	1.00	-	38.82	10.54	42.14				

2.4-2.4835GHz_BT-BR(1Mbps)

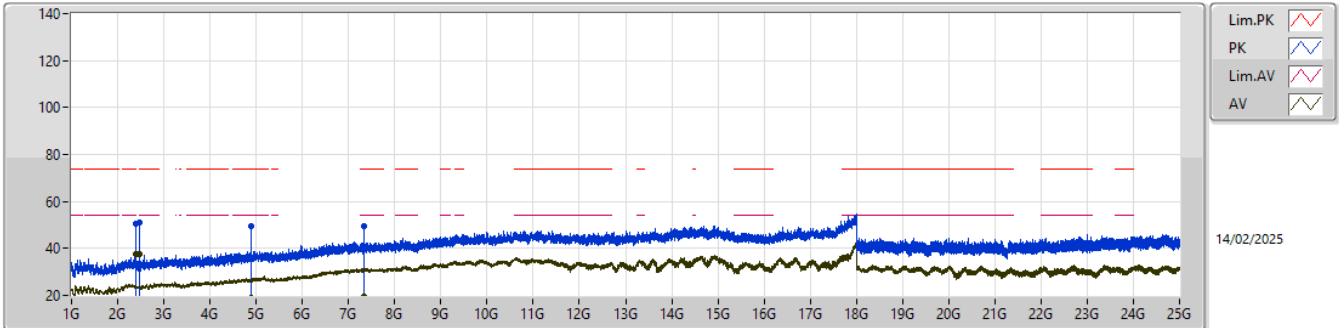
2402MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)				
AV	2.39G	37.48	54.00	-16.52	41.35	3	Vertical	186	1.00	-	27.60	4.95	36.42				
PK	2.39G	50.25	74.00	-23.75	54.12	3	Vertical	186	1.00	-	27.60	4.95	36.42				
AV	4.804G	17.85	54.00	-36.15	-	3	Vertical	-	-	-	-	-	-				
PK	4.804G	47.95	74.00	-26.05	48.21	3	Vertical	245	1.00	-	31.20	6.74	38.20				
AV	12.01G	24.54	54.00	-29.46	-	3	Vertical	-	-	-	-	-	-				
PK	12.01G	54.64	74.00	-19.36	47.42	3	Vertical	29	1.00	-	38.82	10.54	42.14				

2.4-2.4835GHz_BT-BR(1Mbps)

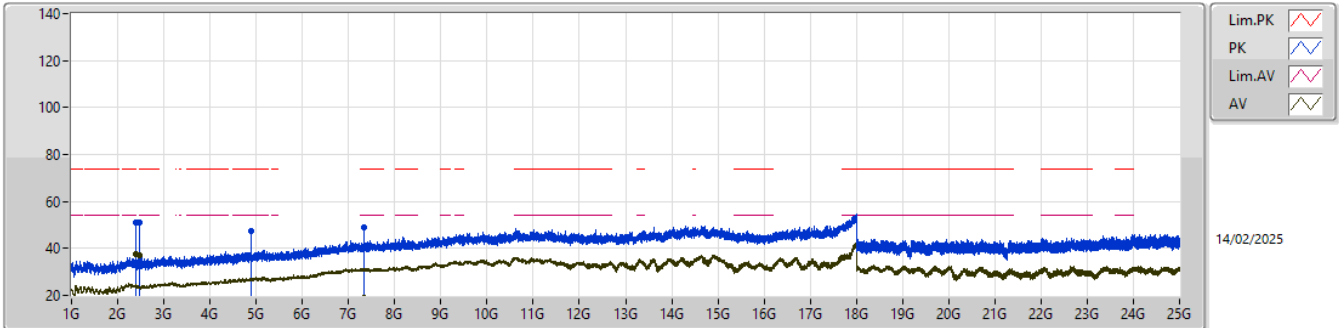
2441MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	2.39G	37.75	54.00	-16.25	41.62	3	Horizontal	296	1.22	-	27.60	4.95	36.42			
PK	2.39G	50.59	74.00	-23.41	54.46	3	Horizontal	296	1.22	-	27.60	4.95	36.42			
AV	2.4835G	37.63	54.00	-16.37	41.59	3	Horizontal	296	1.22	-	27.54	5.01	36.51			
PK	2.4835G	50.87	74.00	-23.13	54.83	3	Horizontal	296	1.22	-	27.54	5.01	36.51			
AV	4.882G	19.19	54.00	-34.81	-	3	Horizontal	-	-	-	-	-	-			
PK	4.882G	49.29	74.00	-24.71	49.55	3	Horizontal	246	1.00	-	31.20	6.79	38.25			
AV	7.323G	19.24	54.00	-34.76	-	3	Horizontal	-	-	-	-	-	-			
PK	7.323G	49.34	74.00	-24.66	43.86	3	Horizontal	21	1.00	-	36.40	8.25	39.17			

2.4-2.4835GHz_BT-BR(1Mbps)

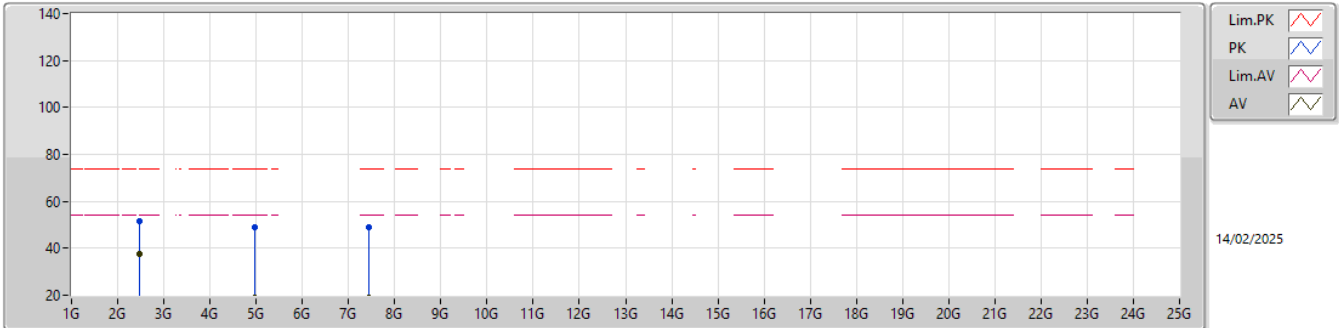
2441MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	2.39G	37.39	54.00	-16.61	41.26	3	Vertical	192	1.00	-	27.60	4.95	36.42			
PK	2.39G	51.14	74.00	-22.86	55.01	3	Vertical	192	1.00	-	27.60	4.95	36.42			
AV	2.4835G	37.13	54.00	-16.87	41.09	3	Vertical	192	1.00	-	27.54	5.01	36.51			
PK	2.4835G	50.85	74.00	-23.15	54.81	3	Vertical	192	1.00	-	27.54	5.01	36.51			
AV	4.882G	17.55	54.00	-36.45	-	3	Vertical	-	-	-	-	-	-			
PK	4.882G	47.65	74.00	-26.35	47.91	3	Vertical	254	1.00	-	31.20	6.79	38.25			
AV	7.323G	18.97	54.00	-35.03	-	3	Vertical	-	-	-	-	-	-			
PK	7.323G	49.07	74.00	-24.93	43.59	3	Vertical	22	1.00	-	36.40	8.25	39.17			

2.4-2.4835GHz_BT-BR(1Mbps)

2480MHz_TX

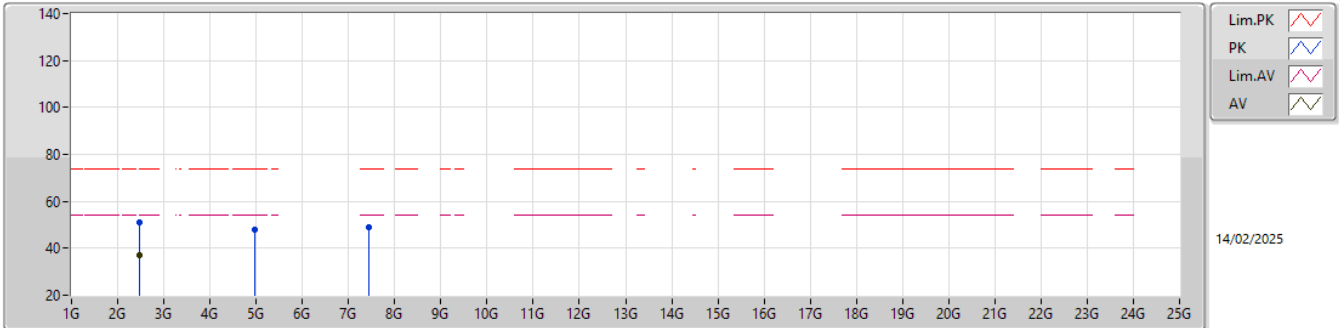


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)				
AV	2.4835G	37.52	54.00	-16.48	41.48	3	Horizontal	30	1.00	-	27.54	5.01	36.51				
PK	2.4835G	51.48	74.00	-22.52	55.44	3	Horizontal	30	1.00	-	27.54	5.01	36.51				
AV	4.96G	19.08	54.00	-34.92	-	3	Horizontal	-	-	-	-	-	-				
PK	4.96G	49.18	74.00	-24.82	49.21	3	Horizontal	244	1.00	-	31.44	6.83	38.30				
AV	7.44G	18.96	54.00	-35.04	-	3	Horizontal	-	-	-	-	-	-				
PK	7.44G	49.06	74.00	-24.94	43.68	3	Horizontal	15	1.00	-	36.38	8.30	39.30				



2.4-2.4835GHz_BT-BR(1Mbps)

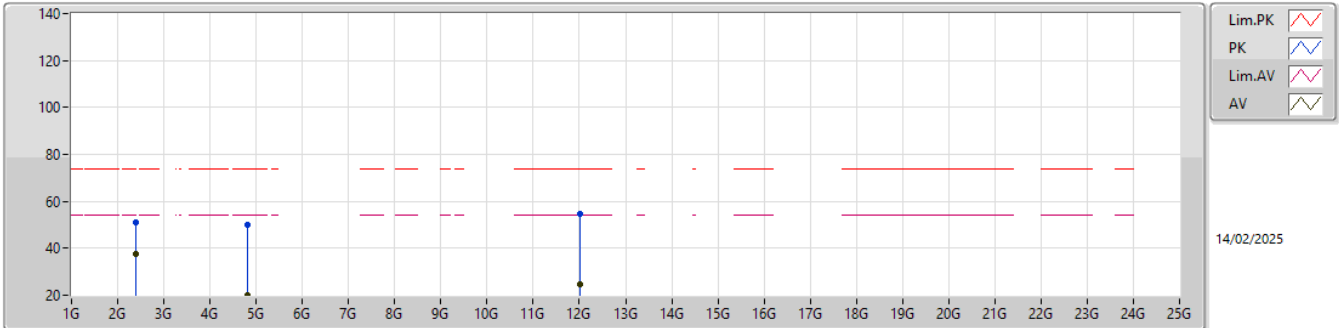
2480MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	2.4835G	37.20	54.00	-16.80	41.16	3	Vertical	185	1.00	-	27.54	5.01	36.51			
PK	2.4835G	50.96	74.00	-23.04	54.92	3	Vertical	185	1.00	-	27.54	5.01	36.51			
AV	4.96G	17.71	54.00	-36.29	-	3	Vertical	-	-	-	-	-	-			
PK	4.96G	47.81	74.00	-26.19	47.84	3	Vertical	261	1.00	-	31.44	6.83	38.30			
AV	7.44G	18.70	54.00	-35.30	-	3	Vertical	-	-	-	-	-	-			
PK	7.44G	48.80	74.00	-25.20	43.42	3	Vertical	26	1.00	-	36.38	8.30	39.30			

2.4-2.4835GHz_BT-EDR(3Mbps)

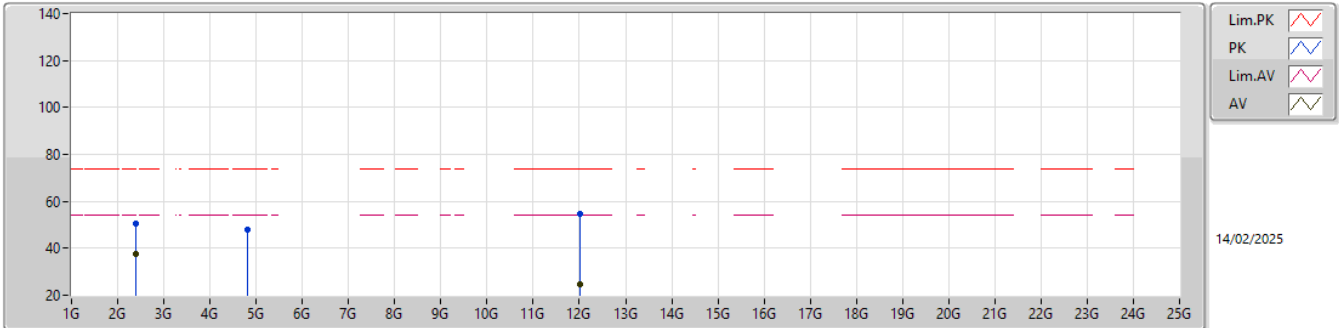
2402MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)				
AV	2.39G	37.68	54.00	-16.32	41.55	3	Horizontal	28	1.00	-	27.60	4.95	36.42				
PK	2.39G	50.89	74.00	-23.11	54.76	3	Horizontal	28	1.00	-	27.60	4.95	36.42				
AV	4.804G	19.82	54.00	-34.18	-	3	Horizontal	-	-	-	-	-	-				
PK	4.804G	49.92	74.00	-24.08	50.18	3	Horizontal	235	1.00	-	31.20	6.74	38.20				
AV	12.01G	24.56	54.00	-29.44	-	3	Horizontal	-	-	-	-	-	-				
PK	12.01G	54.66	74.00	-19.34	47.44	3	Horizontal	18	1.00	-	38.82	10.54	42.14				

2.4-2.4835GHz_BT-EDR(3Mbps)

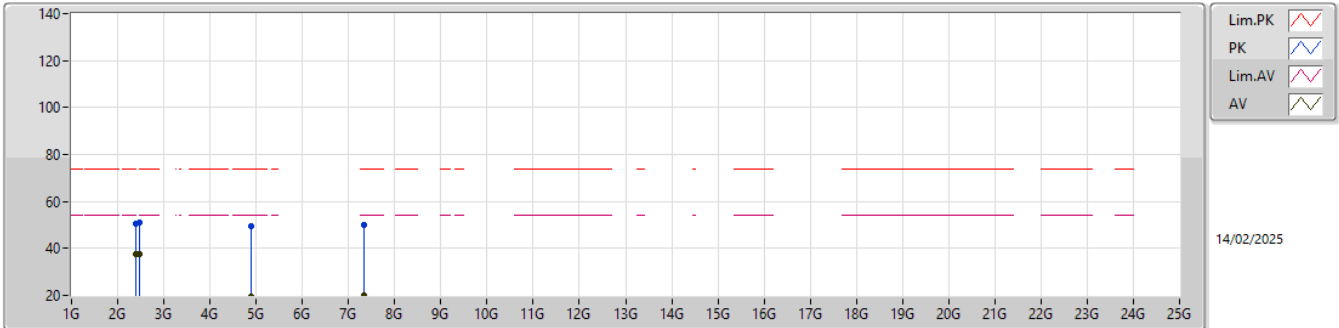
2402MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	2.39G	37.56	54.00	-16.44	41.43	3	Vertical	179	1.00	-	27.60	4.95	36.42			
PK	2.39G	50.41	74.00	-23.59	54.28	3	Vertical	179	1.00	-	27.60	4.95	36.42			
AV	4.804G	18.04	54.00	-35.96	-	3	Vertical	-	-	-	-	-	-			
PK	4.804G	48.14	74.00	-25.86	48.40	3	Vertical	252	1.00	-	31.20	6.74	38.20			
AV	12.01G	24.65	54.00	-29.35	-	3	Vertical	-	-	-	-	-	-			
PK	12.01G	54.75	74.00	-19.25	47.53	3	Vertical	38	1.00	-	38.82	10.54	42.14			

2.4-2.4835GHz_BT-EDR(3Mbps)

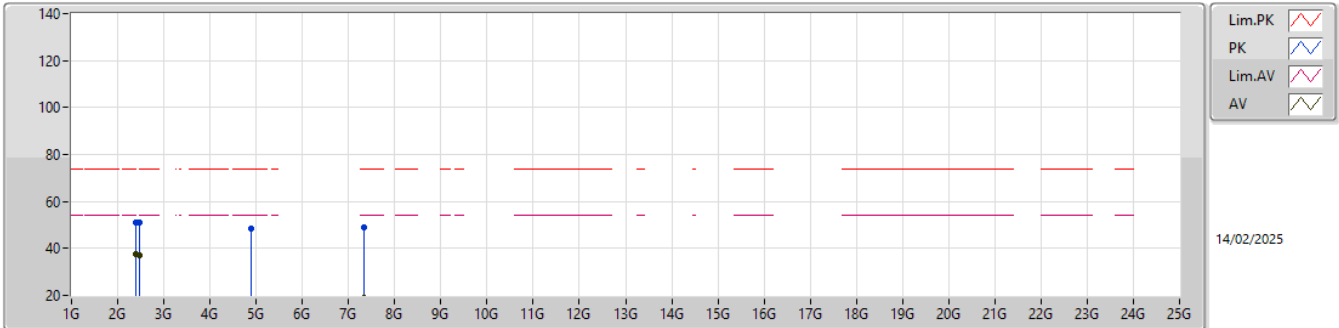
2441MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	2.39G	37.82	54.00	-16.18	41.69	3	Horizontal	304	1.15	-	27.60	4.95	36.42			
PK	2.39G	50.64	74.00	-23.36	54.51	3	Horizontal	304	1.15	-	27.60	4.95	36.42			
AV	2.4835G	37.74	54.00	-16.26	41.70	3	Horizontal	304	1.15	-	27.54	5.01	36.51			
PK	2.4835G	50.92	74.00	-23.08	54.88	3	Horizontal	304	1.15	-	27.54	5.01	36.51			
AV	4.882G	19.55	54.00	-34.45	-	3	Horizontal	-	-	-	-	-	-			
PK	4.882G	49.65	74.00	-24.35	49.91	3	Horizontal	265	1.00	-	31.20	6.79	38.25			
AV	7.323G	19.76	54.00	-34.24	-	3	Horizontal	-	-	-	-	-	-			
PK	7.323G	49.86	74.00	-24.14	44.38	3	Horizontal	34	1.00	-	36.40	8.25	39.17			

2.4-2.4835GHz_BT-EDR(3Mbps)

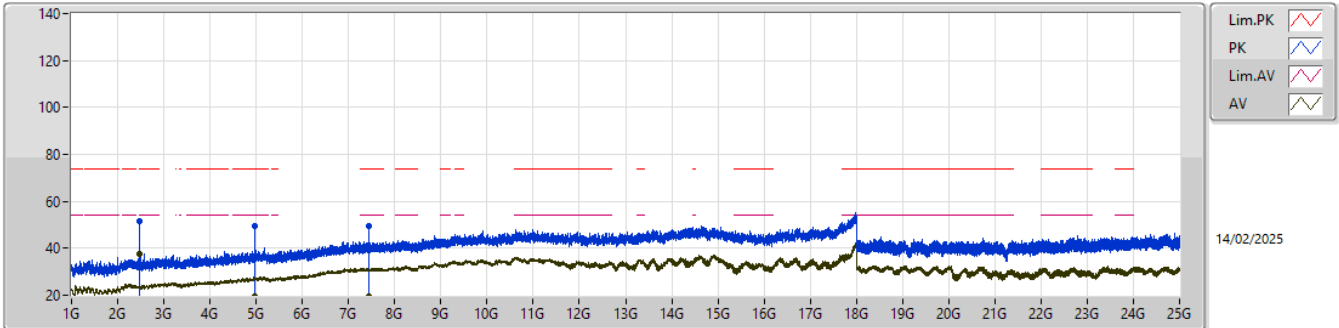
2441MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	2.39G	37.46	54.00	-16.54	41.33	3	Vertical	185	1.00	-	27.60	4.95	36.42			
PK	2.39G	51.22	74.00	-22.78	55.09	3	Vertical	185	1.00	-	27.60	4.95	36.42			
AV	2.4835G	37.24	54.00	-16.76	41.20	3	Vertical	185	1.00	-	27.54	5.01	36.51			
PK	2.4835G	50.92	74.00	-23.08	54.88	3	Vertical	185	1.00	-	27.54	5.01	36.51			
AV	4.882G	18.28	54.00	-35.72	-	3	Vertical	-	-	-	-	-	-			
PK	4.882G	48.38	74.00	-25.62	48.64	3	Vertical	261	1.00	-	31.20	6.79	38.25			
AV	7.323G	19.12	54.00	-34.88	-	3	Vertical	-	-	-	-	-	-			
PK	7.323G	49.22	74.00	-24.78	43.74	3	Vertical	29	1.00	-	36.40	8.25	39.17			

2.4-2.4835GHz_BT-EDR(3Mbps)

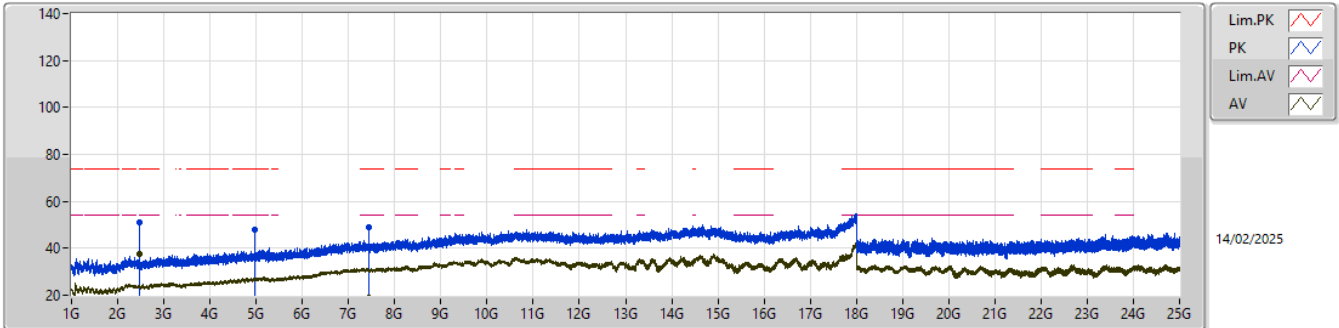
2480MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)				
AV	2.4835G	37.84	54.00	-16.16	41.80	3	Horizontal	22	1.00	-	27.54	5.01	36.51				
PK	2.4835G	51.69	74.00	-22.31	55.65	3	Horizontal	22	1.00	-	27.54	5.01	36.51				
AV	4.96G	19.46	54.00	-34.54	-	3	Horizontal	-	-	-	-	-	-				
PK	4.96G	49.56	74.00	-24.44	49.59	3	Horizontal	321	1.00	-	31.44	6.83	38.30				
AV	7.44G	19.35	54.00	-34.65	-	3	Horizontal	-	-	-	-	-	-				
PK	7.44G	49.45	74.00	-24.55	44.07	3	Horizontal	28	1.00	-	36.38	8.30	39.30				

2.4-2.4835GHz_BT-EDR(3Mbps)

2480MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)				
AV	2.4835G	37.45	54.00	-16.55	41.41	3	Vertical	176	1.00	-	27.54	5.01	36.51				
PK	2.4835G	51.06	74.00	-22.94	55.02	3	Vertical	176	1.00	-	27.54	5.01	36.51				
AV	4.96G	18.04	54.00	-35.96	-	3	Vertical	-	-	-	-	-	-				
PK	4.96G	48.14	74.00	-25.86	48.17	3	Vertical	255	1.00	-	31.44	6.83	38.30				
AV	7.44G	18.95	54.00	-35.05	-	3	Vertical	-	-	-	-	-	-				
PK	7.44G	49.05	74.00	-24.95	43.67	3	Vertical	43	1.00	-	36.38	8.30	39.30				



Configuration 2: Chip 1, model AW300

Summary

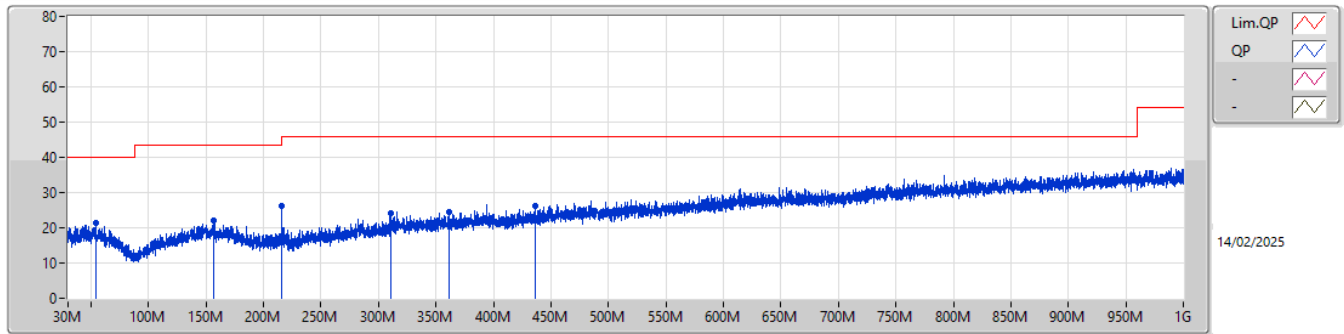
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	PK	60M	36.52	40.00	-3.48	Vertical



Unwanted Emissions into Restricted Frequency Bands Below 1GHz

Appendix A.2

Mode 1



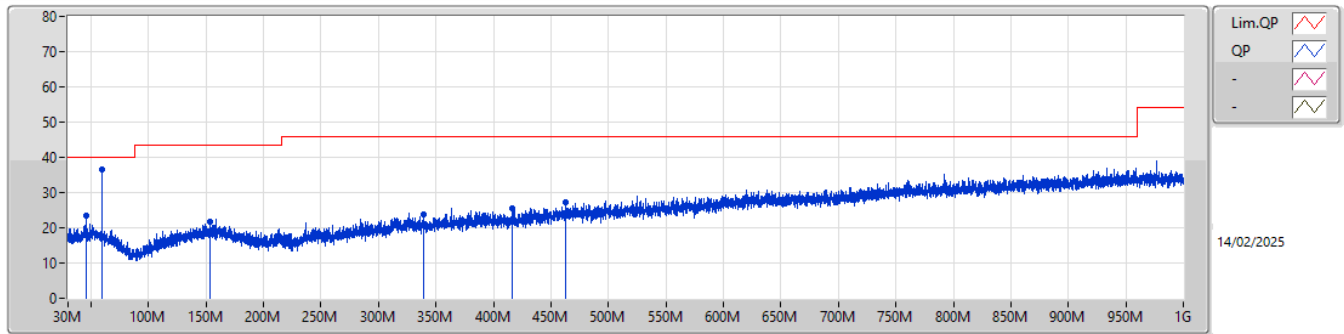
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB/m)	CL (dB)	PA (dB)		
PK	53.9M	21.48	40.00	-18.52	-8.67	3	Horizontal	-	-	-	30.15	18.71	0.67	28.05		
PK	156.52M	22.15	43.50	-21.35	-8.52	3	Horizontal	-	-	-	30.67	18.35	1.23	28.10		
PK	215.57M	26.14	43.50	-17.36	-11.96	3	Horizontal	-	-	-	38.10	14.70	1.48	28.14		
PK	311.16M	24.10	46.00	-21.90	-7.79	3	Horizontal	-	-	-	31.89	18.55	1.84	28.18		
PK	361.77M	24.33	46.00	-21.67	-6.68	3	Horizontal	-	-	-	31.01	19.34	2.05	28.07		
PK	436.28M	26.17	46.00	-19.83	-4.16	3	Horizontal	-	-	-	30.33	21.43	2.37	27.96		



Unwanted Emissions into Restricted Frequency Bands Below 1GHz

Appendix A.2

Mode 1



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB/m)	CL (dB)	PA (dB)		
PK	45.46M	23.45	40.00	-16.55	-8.85	3	Vertical	-	-	-	32.30	18.59	0.60	28.04		
PK	60M	36.52	40.00	-3.48	-9.17	3	Vertical	-	-	-	45.69	18.20	0.68	28.05		
PK	153.71M	21.86	43.50	-21.64	-8.53	3	Vertical	-	-	-	30.39	18.34	1.22	28.09		
PK	339.28M	23.74	46.00	-22.26	-6.98	3	Vertical	-	-	-	30.72	19.19	1.95	28.12		
PK	416.59M	25.54	46.00	-20.46	-4.94	3	Vertical	-	-	-	30.48	20.73	2.31	27.98		
PK	462.99M	27.08	46.00	-18.92	-3.49	3	Vertical	-	-	-	30.57	21.96	2.49	27.94		



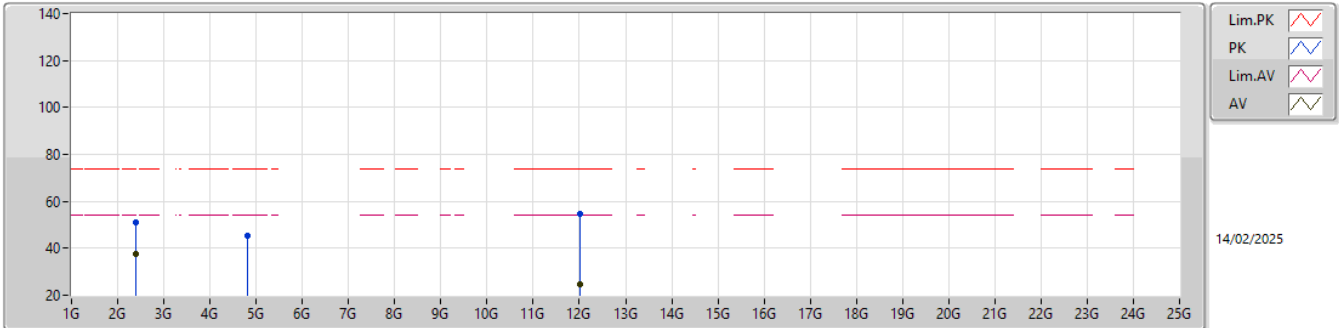
Configuration 2: Chip 1, model AW300

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
BT-BR(1Mbps)	Pass	AV	2.4835G	37.86	54.00	-16.14	3	Horizontal	55	2.32	-
BT-EDR(3Mbps)	Pass	AV	2.4835G	38.65	54.00	-15.35	3	Horizontal	56	2.29	-

2.4-2.4835GHz_BT-BR(1Mbps)

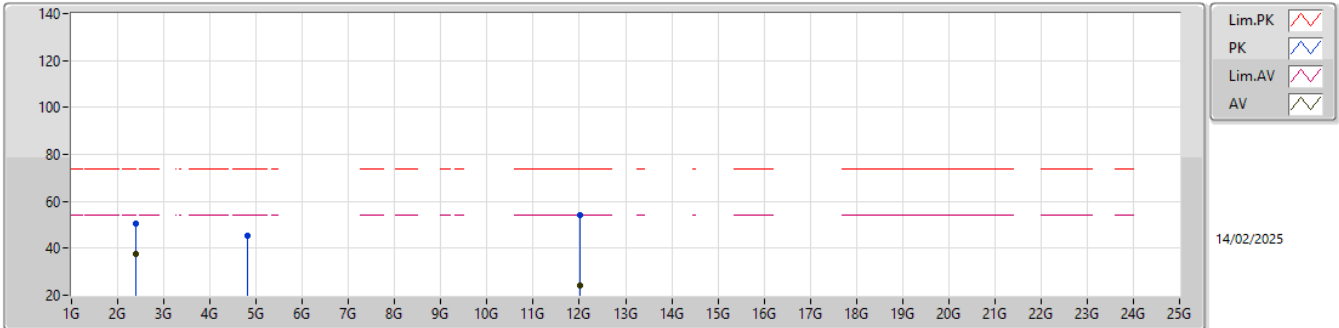
2402MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)				
AV	2.39G	37.62	54.00	-16.38	41.49	3	Horizontal	49	2.35	-	27.60	4.95	36.42				
PK	2.39G	50.81	74.00	-23.19	54.68	3	Horizontal	49	2.35	-	27.60	4.95	36.42				
AV	4.804G	15.02	54.00	-38.98	-	3	Horizontal	-	-	-	-	-	-				
PK	4.804G	45.12	74.00	-28.88	45.38	3	Horizontal	39	1.00	-	31.20	6.74	38.20				
AV	12.01G	24.56	54.00	-29.44	-	3	Horizontal	-	-	-	-	-	-				
PK	12.01G	54.66	74.00	-19.34	47.44	3	Horizontal	28	1.00	-	38.82	10.54	42.14				

2.4-2.4835GHz_BT-BR(1Mbps)

2402MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	2.39G	37.52	54.00	-16.48	41.39	3	Vertical	182	1.00	-	27.60	4.95	36.42			
PK	2.39G	50.35	74.00	-23.65	54.22	3	Vertical	182	1.00	-	27.60	4.95	36.42			
AV	4.804G	15.05	54.00	-38.95	-	3	Vertical	-	-	-	-	-	-			
PK	4.804G	45.15	74.00	-28.85	45.41	3	Vertical	35	1.00	-	31.20	6.74	38.20			
AV	12.01G	24.24	54.00	-29.76	-	3	Vertical	-	-	-	-	-	-			
PK	12.01G	54.34	74.00	-19.66	47.12	3	Vertical	44	1.00	-	38.82	10.54	42.14			

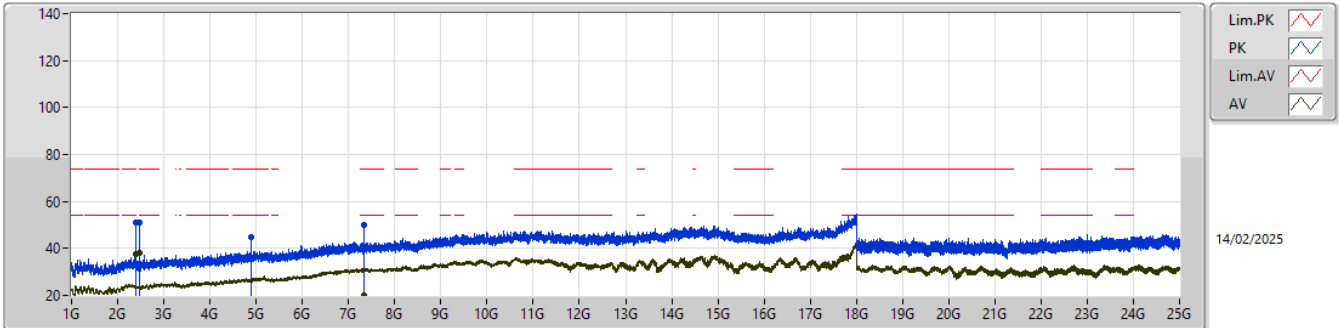


Unwanted Emissions into Restricted Frequency Bands Above 1GHz

Appendix A.2

2.4-2.4835GHz_BT-BR(1Mbps)

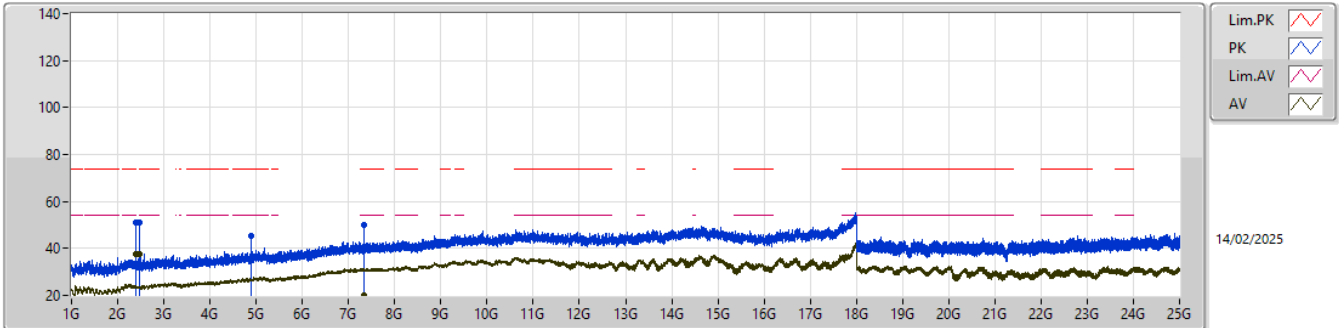
2441MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)				
AV	2.39G	37.49	54.00	-16.51	41.36	3	Horizontal	55	2.32	-	27.60	4.95	36.42				
PK	2.39G	51.28	74.00	-22.72	55.15	3	Horizontal	55	2.32	-	27.60	4.95	36.42				
AV	2.4835G	37.86	54.00	-16.14	41.82	3	Horizontal	55	2.32	-	27.54	5.01	36.51				
PK	2.4835G	51.00	74.00	-23.00	54.96	3	Horizontal	55	2.32	-	27.54	5.01	36.51				
AV	4.882G	14.90	54.00	-39.10	-	3	Horizontal	-	-	-	-	-	-				
PK	4.882G	45.00	74.00	-29.00	45.26	3	Horizontal	38	1.00	-	31.20	6.79	38.25				
AV	7.323G	19.79	54.00	-34.21	-	3	Horizontal	-	-	-	-	-	-				
PK	7.323G	49.89	74.00	-24.11	44.41	3	Horizontal	11	1.00	-	36.40	8.25	39.17				

2.4-2.4835GHz_BT-BR(1Mbps)

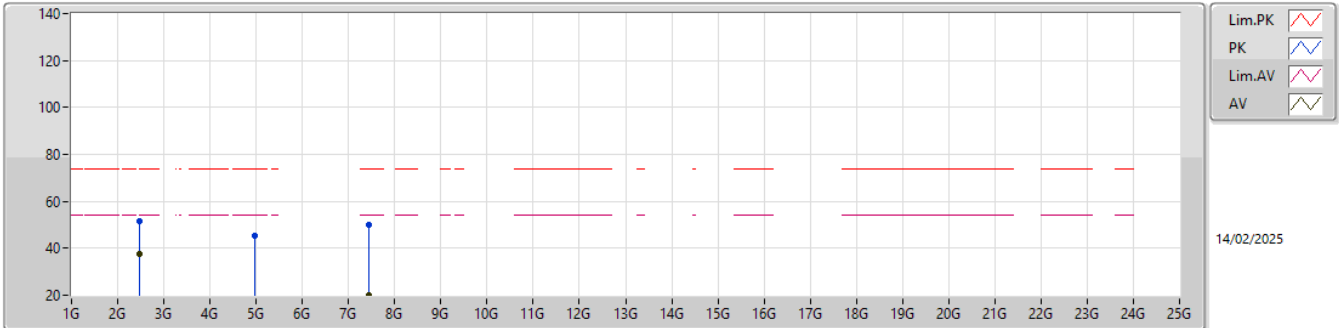
2441MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	2.39G	37.67	54.00	-16.33	41.54	3	Vertical	185	1.00	-	27.60	4.95	36.42			
PK	2.39G	51.19	74.00	-22.81	55.06	3	Vertical	185	1.00	-	27.60	4.95	36.42			
AV	2.4835G	37.49	54.00	-16.51	41.45	3	Vertical	185	1.00	-	27.54	5.01	36.51			
PK	2.4835G	50.86	74.00	-23.14	54.82	3	Vertical	185	1.00	-	27.54	5.01	36.51			
AV	4.882G	15.38	54.00	-38.62	-	3	Vertical	-	-	-	-	-	-			
PK	4.882G	45.48	74.00	-28.52	45.74	3	Vertical	51	1.00	-	31.20	6.79	38.25			
AV	7.323G	19.94	54.00	-34.06	-	3	Vertical	-	-	-	-	-	-			
PK	7.323G	50.04	74.00	-23.96	44.56	3	Vertical	69	1.00	-	36.40	8.25	39.17			

2.4-2.4835GHz_BT-BR(1Mbps)

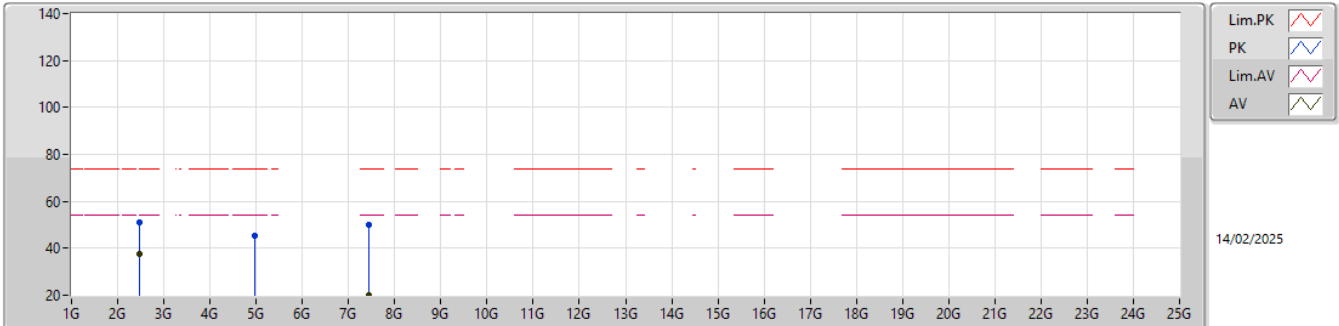
2480MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)				
AV	2.4835G	37.56	54.00	-16.44	41.52	3	Horizontal	55	2.29	-	27.54	5.01	36.51				
PK	2.4835G	51.52	74.00	-22.48	55.48	3	Horizontal	55	2.29	-	27.54	5.01	36.51				
AV	4.96G	15.11	54.00	-38.89	-	3	Horizontal	-	-	-	-	-	-				
PK	4.96G	45.21	74.00	-28.79	45.24	3	Horizontal	44	1.00	-	31.44	6.83	38.30				
AV	7.44G	19.86	54.00	-34.14	-	3	Horizontal	-	-	-	-	-	-				
PK	7.44G	49.96	74.00	-24.04	44.58	3	Horizontal	25	1.00	-	36.38	8.30	39.30				

2.4-2.4835GHz_BT-BR(1Mbps)

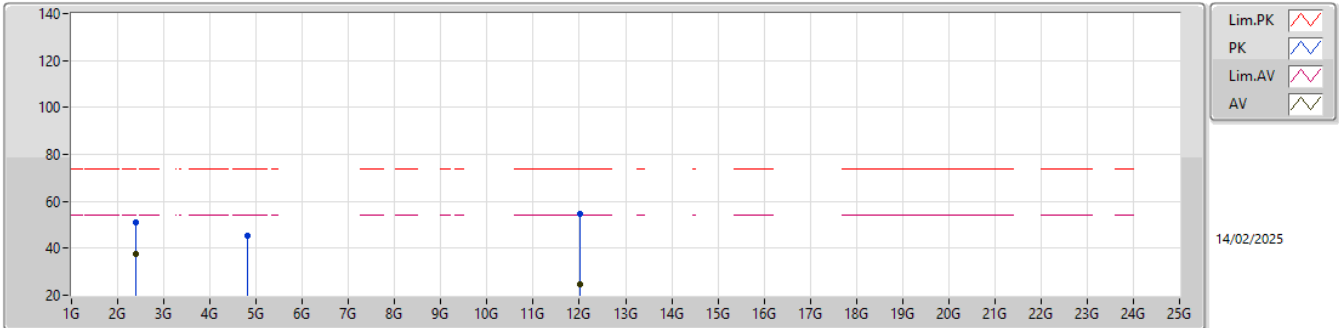
2480MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	2.4835G	37.42	54.00	-16.58	41.38	3	Vertical	188	1.00	-	27.54	5.01	36.51			
PK	2.4835G	50.91	74.00	-23.09	54.87	3	Vertical	188	1.00	-	27.54	5.01	36.51			
AV	4.96G	15.14	54.00	-38.86	-	3	Vertical	-	-	-	-	-	-			
PK	4.96G	45.24	74.00	-28.76	45.27	3	Vertical	64	1.00	-	31.44	6.83	38.30			
AV	7.44G	20.01	54.00	-33.99	-	3	Vertical	-	-	-	-	-	-			
PK	7.44G	50.11	74.00	-23.89	44.73	3	Vertical	81	1.00	-	36.38	8.30	39.30			

2.4-2.4835GHz_BT-EDR(3Mbps)

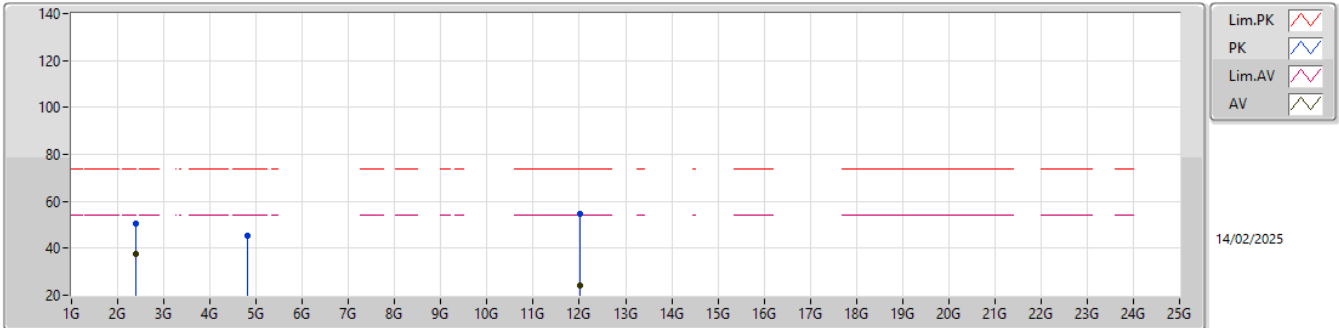
2402MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)				
AV	2.39G	37.79	54.00	-16.21	41.66	3	Horizontal	48	2.34	-	27.60	4.95	36.42				
PK	2.39G	50.92	74.00	-23.08	54.79	3	Horizontal	48	2.34	-	27.60	4.95	36.42				
AV	4.804G	15.14	54.00	-38.86	-	3	Horizontal	-	-	-	-	-	-				
PK	4.804G	45.24	74.00	-28.76	45.50	3	Horizontal	44	1.00	-	31.20	6.74	38.20				
AV	12.01G	24.76	54.00	-29.24	-	3	Horizontal	-	-	-	-	-	-				
PK	12.01G	54.86	74.00	-19.14	47.64	3	Horizontal	23	1.00	-	38.82	10.54	42.14				

2.4-2.4835GHz_BT-EDR(3Mbps)

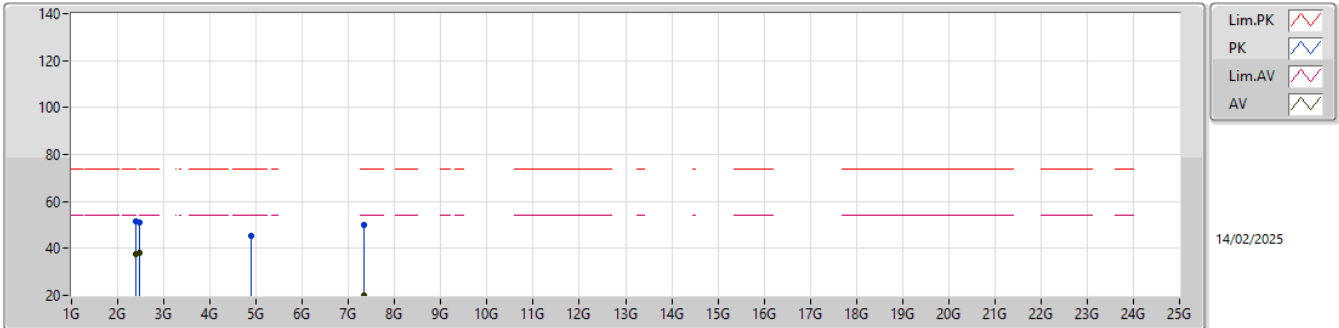
2402MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	2.39G	37.61	54.00	-16.39	41.48	3	Vertical	186	1.00	-	27.60	4.95	36.42			
PK	2.39G	50.44	74.00	-23.56	54.31	3	Vertical	186	1.00	-	27.60	4.95	36.42			
AV	4.804G	15.18	54.00	-38.82	-	3	Vertical	-	-	-	-	-	-			
PK	4.804G	45.28	74.00	-28.72	45.54	3	Vertical	64	1.00	-	31.20	6.74	38.20			
AV	12.01G	24.39	54.00	-29.61	-	3	Vertical	-	-	-	-	-	-			
PK	12.01G	54.49	74.00	-19.51	47.27	3	Vertical	38	1.00	-	38.82	10.54	42.14			

2.4-2.4835GHz_BT-EDR(3Mbps)

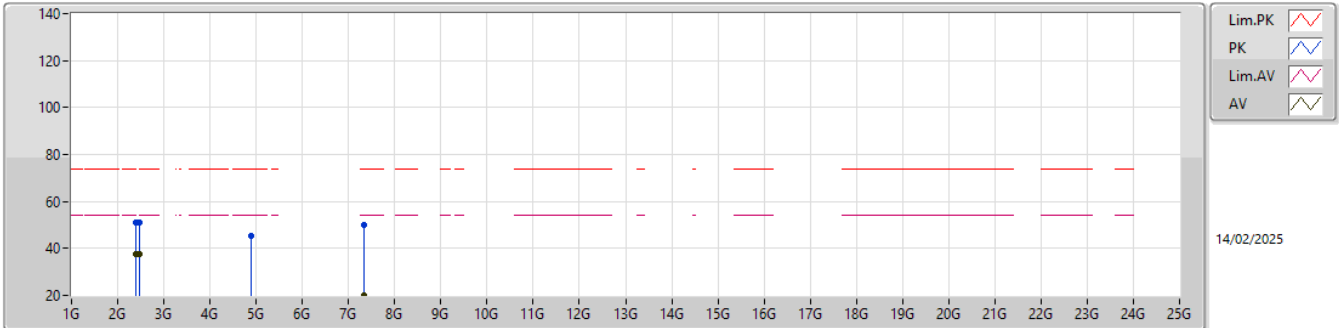
2441MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	2.39G	37.52	54.00	-16.48	41.39	3	Horizontal	49	2.28	-	27.60	4.95	36.42			
PK	2.39G	51.44	74.00	-22.56	55.31	3	Horizontal	49	2.28	-	27.60	4.95	36.42			
AV	2.4835G	37.92	54.00	-16.08	41.88	3	Horizontal	49	2.28	-	27.54	5.01	36.51			
PK	2.4835G	51.16	74.00	-22.84	55.12	3	Horizontal	49	2.28	-	27.54	5.01	36.51			
AV	4.882G	15.12	54.00	-38.88	-	3	Horizontal	-	-	-	-	-	-			
PK	4.882G	45.22	74.00	-28.78	45.48	3	Horizontal	47	1.00	-	31.20	6.79	38.25			
AV	7.323G	19.86	54.00	-34.14	-	3	Horizontal	-	-	-	-	-	-			
PK	7.323G	49.96	74.00	-24.04	44.48	3	Horizontal	29	1.00	-	36.40	8.25	39.17			

2.4-2.4835GHz_BT-EDR(3Mbps)

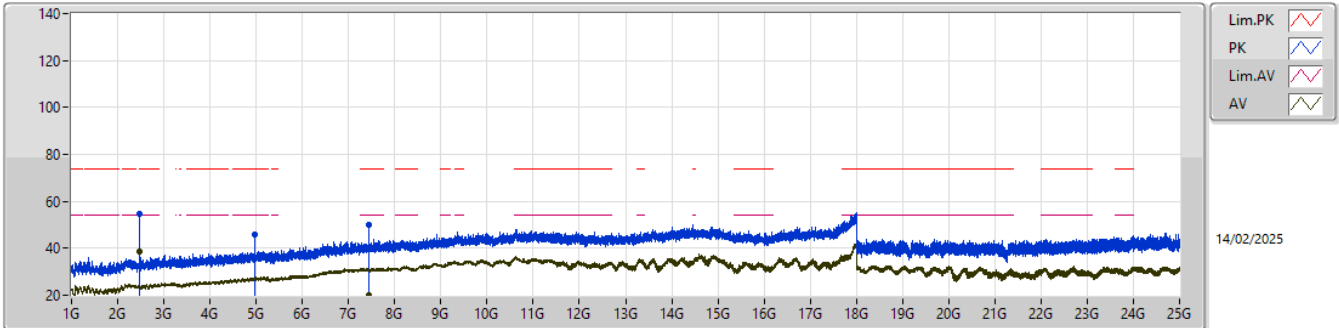
2441MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	2.39G	37.62	54.00	-16.38	41.49	3	Vertical	189	1.00	-	27.60	4.95	36.42			
PK	2.39G	51.25	74.00	-22.75	55.12	3	Vertical	189	1.00	-	27.60	4.95	36.42			
AV	2.4835G	37.58	54.00	-16.42	41.54	3	Vertical	189	1.00	-	27.54	5.01	36.51			
PK	2.4835G	50.92	74.00	-23.08	54.88	3	Vertical	189	1.00	-	27.54	5.01	36.51			
AV	4.882G	15.15	54.00	-38.85	-	3	Vertical	-	-	-	-	-	-			
PK	4.882G	45.25	74.00	-28.75	45.51	3	Vertical	26	1.00	-	31.20	6.79	38.25			
AV	7.323G	20.08	54.00	-33.92	-	3	Vertical	-	-	-	-	-	-			
PK	7.323G	50.18	74.00	-23.82	44.70	3	Vertical	44	1.00	-	36.40	8.25	39.17			

2.4-2.4835GHz_BT-EDR(3Mbps)

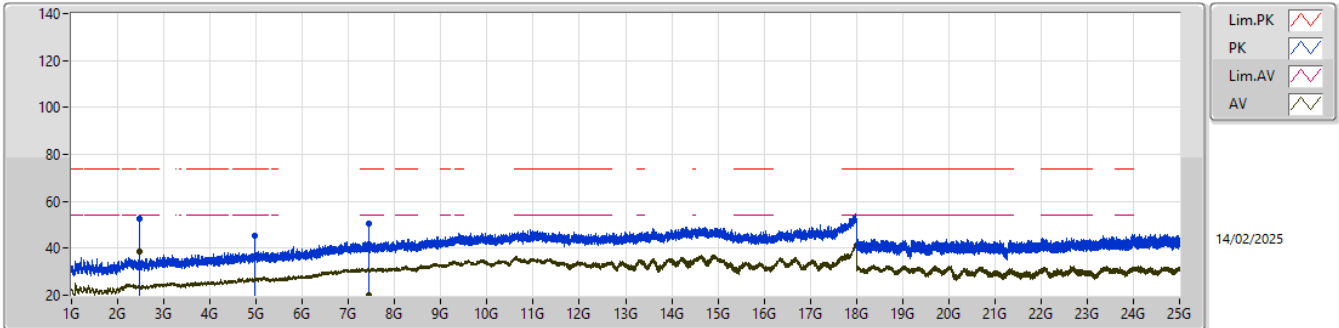
2480MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)				
AV	2.4835G	38.65	54.00	-15.35	42.61	3	Horizontal	56	2.29	-	27.54	5.01	36.51				
PK	2.4835G	54.62	74.00	-19.38	58.58	3	Horizontal	56	2.29	-	27.54	5.01	36.51				
AV	4.96G	15.52	54.00	-38.48	-	3	Horizontal	-	-	-	-	-	-				
PK	4.96G	45.62	74.00	-28.38	45.65	3	Horizontal	53	1.00	-	31.44	6.83	38.30				
AV	7.44G	20.04	54.00	-33.96	-	3	Horizontal	-	-	-	-	-	-				
PK	7.44G	50.14	74.00	-23.86	44.76	3	Horizontal	42	1.00	-	36.38	8.30	39.30				

2.4-2.4835GHz_BT-EDR(3Mbps)

2480MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	2.4835G	38.56	54.00	-15.44	42.52	3	Vertical	191	1.00	-	27.54	5.01	36.51			
PK	2.4835G	52.54	74.00	-21.46	56.50	3	Vertical	191	1.00	-	27.54	5.01	36.51			
AV	4.96G	15.29	54.00	-38.71	-	3	Vertical	-	-	-	-	-	-			
PK	4.96G	45.39	74.00	-28.61	45.42	3	Vertical	51	1.00	-	31.44	6.83	38.30			
AV	7.44G	20.16	54.00	-33.84	-	3	Vertical	-	-	-	-	-	-			
PK	7.44G	50.26	74.00	-23.74	44.88	3	Vertical	39	1.00	-	36.38	8.30	39.30			



Configuration 3: Chip 2, model AW300

Summary

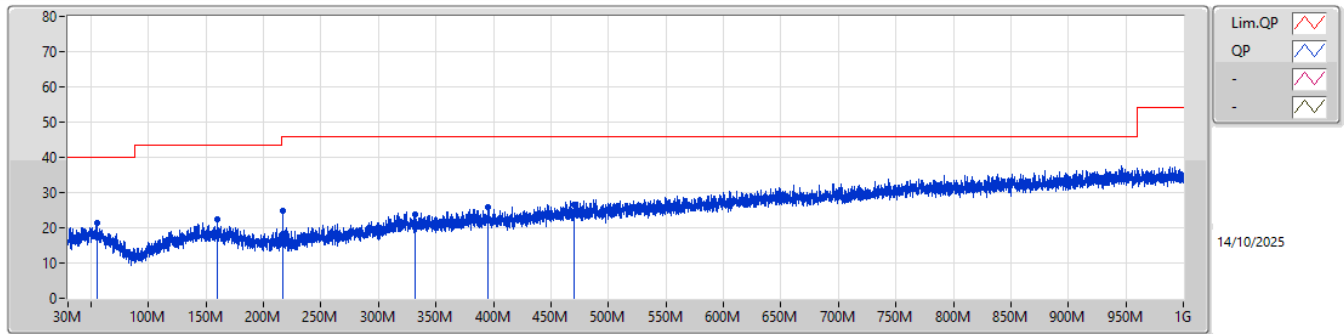
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	PK	60M	36.53	40.00	-3.47	Vertical



Unwanted Emissions into Restricted Frequency Bands Below 1GHz

Appendix A.3

Mode 1



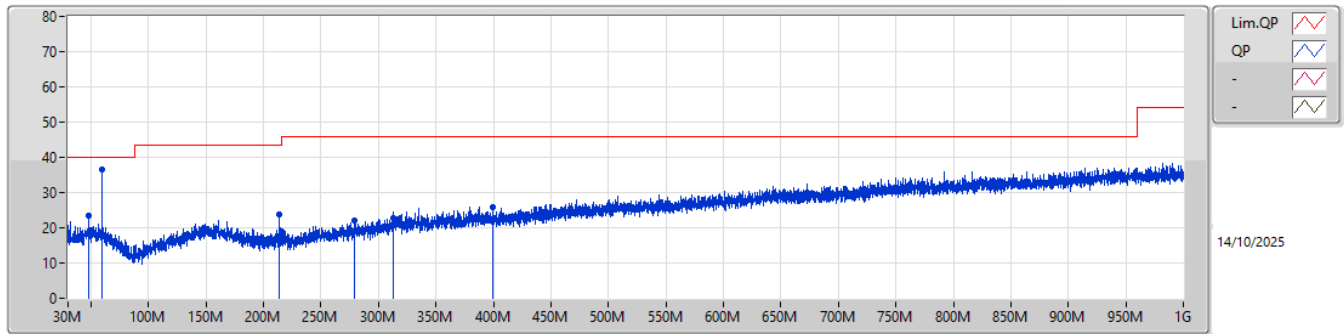
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB/m)	CL (dB)	PA (dB)		
PK	55.3M	21.23	40.00	-18.77	-8.61	3	Horizontal	-	-	-	29.84	18.53	0.82	27.96		
PK	159.33M	22.52	43.50	-20.98	-8.48	3	Horizontal	-	-	-	31.00	18.37	1.41	28.26		
PK	216.97M	24.81	46.00	-21.19	-11.68	3	Horizontal	-	-	-	36.49	14.86	1.76	28.30		
PK	332.25M	23.79	46.00	-22.21	-6.57	3	Horizontal	-	-	-	30.36	19.30	2.36	28.23		
PK	395.51M	25.75	46.00	-20.25	-4.74	3	Horizontal	-	-	-	30.49	20.70	2.70	28.14		
PK	470.01M	26.64	46.00	-19.36	-2.66	3	Horizontal	-	-	-	29.30	22.30	3.09	28.05		



Unwanted Emissions into Restricted Frequency Bands Below 1GHz

Appendix A.3

Mode 1



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB/m)	CL (dB)	PA (dB)		
PK	48.28M	23.31	40.00	-16.69	-8.48	3	Vertical	-	-	-	31.79	18.70	0.76	27.94		
PK	60M	36.53	40.00	-3.47	-8.95	3	Vertical	-	-	-	45.48	18.20	0.83	27.98		
PK	214.16M	23.87	43.50	-19.63	-11.63	3	Vertical	-	-	-	35.50	14.92	1.75	28.30		
PK	278.83M	22.08	46.00	-23.92	-8.32	3	Vertical	-	-	-	30.40	17.88	2.08	28.28		
PK	312.57M	22.80	46.00	-23.20	-7.20	3	Vertical	-	-	-	30.00	18.80	2.26	28.26		
PK	399.72M	25.77	46.00	-20.23	-4.71	3	Vertical	-	-	-	30.48	20.70	2.72	28.13		

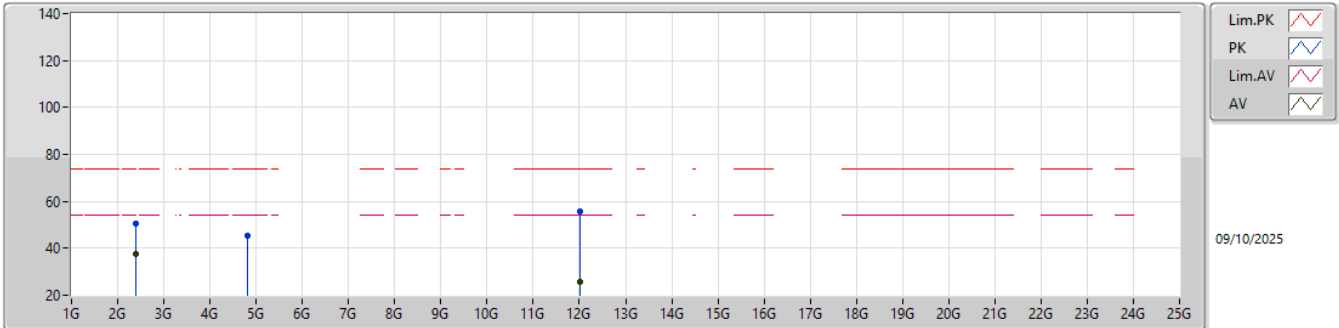
Configuration 3: Chip 2, model AW300

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
BT-BR(1Mbps)	Pass	AV	2.4835G	38.25	54.00	-15.75	3	Horizontal	253	1.82	-
BT-EDR(3Mbps)	Pass	AV	2.4835G	38.24	54.00	-15.76	3	Horizontal	252	1.80	-

2.4-2.4835GHz_BT-BR(1Mbps)

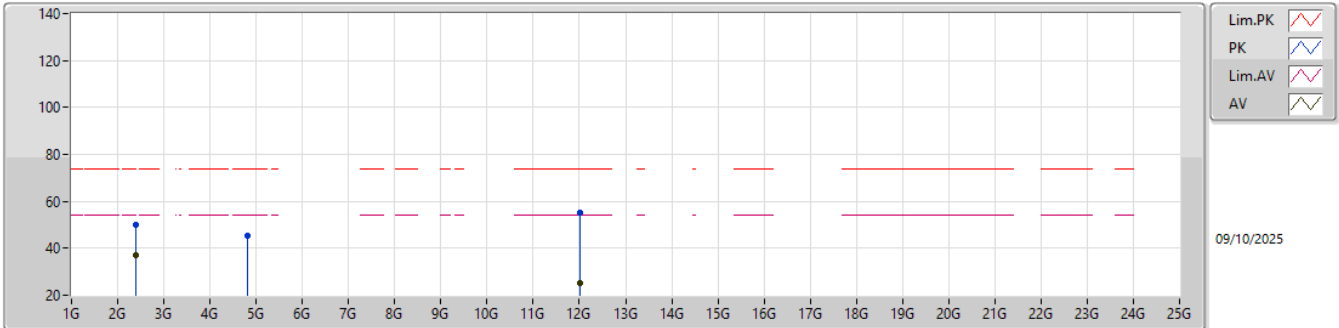
2402MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)				
AV	2.39G	37.48	54.00	-16.52	41.67	3	Horizontal	259	1.88	-	27.60	4.66	36.45				
PK	2.39G	50.56	74.00	-23.44	54.75	3	Horizontal	259	1.88	-	27.60	4.66	36.45				
AV	4.804G	15.22	54.00	-38.78	-	3	Horizontal	-	-	-	-	-	-				
PK	4.804G	45.32	74.00	-28.68	45.75	3	Horizontal	192	1.00	-	31.20	6.62	38.25				
AV	12.01G	25.62	54.00	-28.38	-	3	Horizontal	-	-	-	-	-	-				
PK	12.01G	55.72	74.00	-18.28	48.71	3	Horizontal	155	1.00	-	38.82	10.44	42.25				

2.4-2.4835GHz_BT-BR(1Mbps)

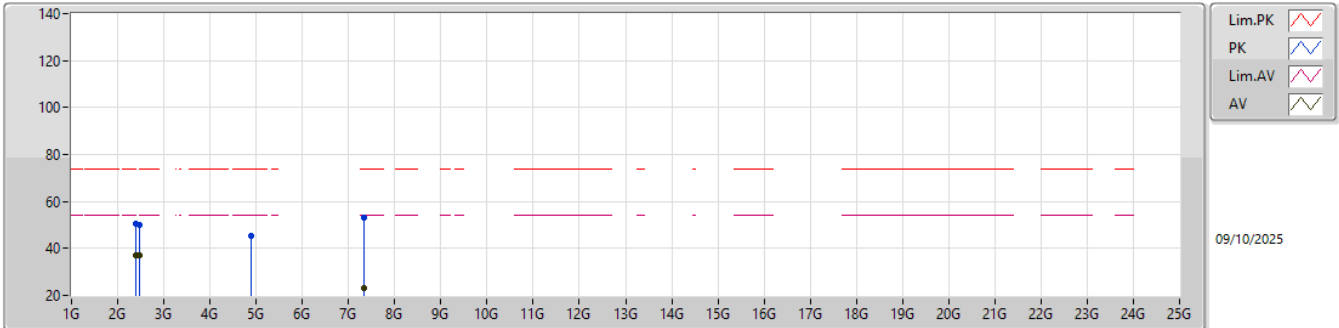
2402MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	2.39G	37.22	54.00	-16.78	41.41	3	Vertical	220	1.00	-	27.60	4.66	36.45			
PK	2.39G	50.19	74.00	-23.81	54.38	3	Vertical	220	1.00	-	27.60	4.66	36.45			
AV	4.804G	15.11	54.00	-38.89	-	3	Vertical	-	-	-	-	-	-			
PK	4.804G	45.21	74.00	-28.79	45.64	3	Vertical	217	1.00	-	31.20	6.62	38.25			
AV	12.01G	25.25	54.00	-28.75	-	3	Vertical	-	-	-	-	-	-			
PK	12.01G	55.35	74.00	-18.65	48.34	3	Vertical	208	1.00	-	38.82	10.44	42.25			

2.4-2.4835GHz_BT-BR(1Mbps)

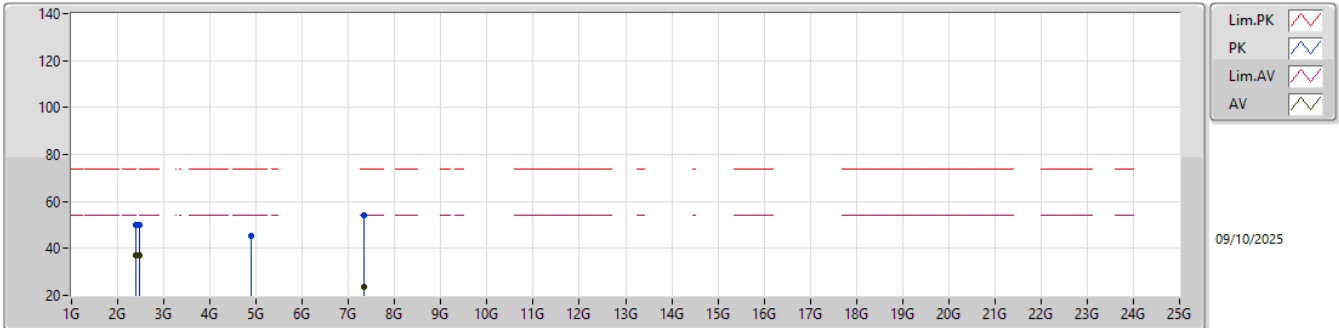
2441MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	2.39G	37.26	54.00	-16.74	41.45	3	Horizontal	262	1.91	-	27.60	4.66	36.45			
PK	2.39G	50.33	74.00	-23.67	54.52	3	Horizontal	262	1.91	-	27.60	4.66	36.45			
AV	2.4835G	37.22	54.00	-16.78	41.47	3	Horizontal	262	1.91	-	27.54	4.75	36.54			
PK	2.4835G	50.15	74.00	-23.85	54.40	3	Horizontal	262	1.91	-	27.54	4.75	36.54			
AV	4.882G	15.34	54.00	-38.66	-	3	Horizontal	-	-	-	-	-	-			
PK	4.882G	45.44	74.00	-28.56	45.85	3	Horizontal	190	1.00	-	31.20	6.69	38.30			
AV	7.323G	23.23	54.00	-30.77	-	3	Horizontal	-	-	-	-	-	-			
PK	7.323G	53.33	74.00	-20.67	47.81	3	Horizontal	185	1.00	-	36.40	8.38	39.26			

2.4-2.4835GHz_BT-BR(1Mbps)

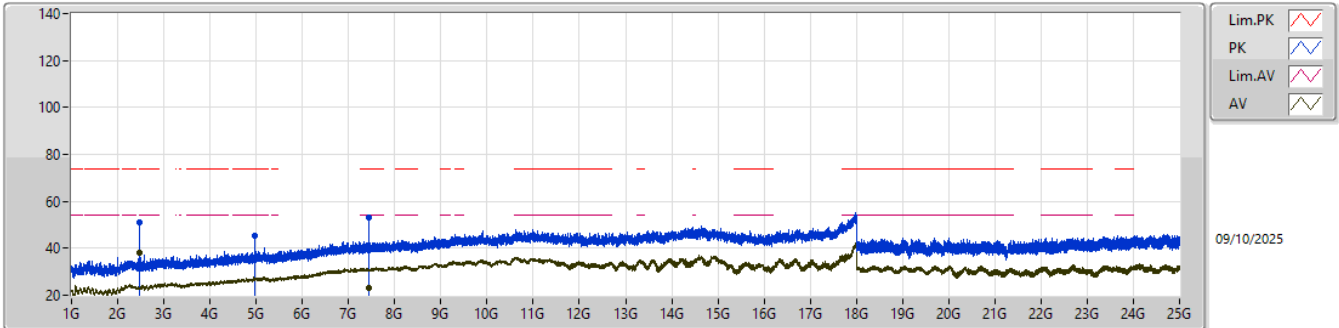
2441MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	2.39G	37.05	54.00	-16.95	41.24	3	Vertical	203	1.00	-	27.60	4.66	36.45			
PK	2.39G	50.07	74.00	-23.93	54.26	3	Vertical	203	1.00	-	27.60	4.66	36.45			
AV	2.4835G	36.93	54.00	-17.07	41.18	3	Vertical	203	1.00	-	27.54	4.75	36.54			
PK	2.4835G	50.00	74.00	-24.00	54.25	3	Vertical	203	1.00	-	27.54	4.75	36.54			
AV	4.882G	15.27	54.00	-38.73	-	3	Vertical	-	-	-	-	-	-			
PK	4.882G	45.37	74.00	-28.63	45.78	3	Vertical	205	1.00	-	31.20	6.69	38.30			
AV	7.323G	23.81	54.00	-30.19	-	3	Vertical	-	-	-	-	-	-			
PK	7.323G	53.91	74.00	-20.09	48.39	3	Vertical	211	2.32	-	36.40	8.38	39.26			

2.4-2.4835GHz_BT-BR(1Mbps)

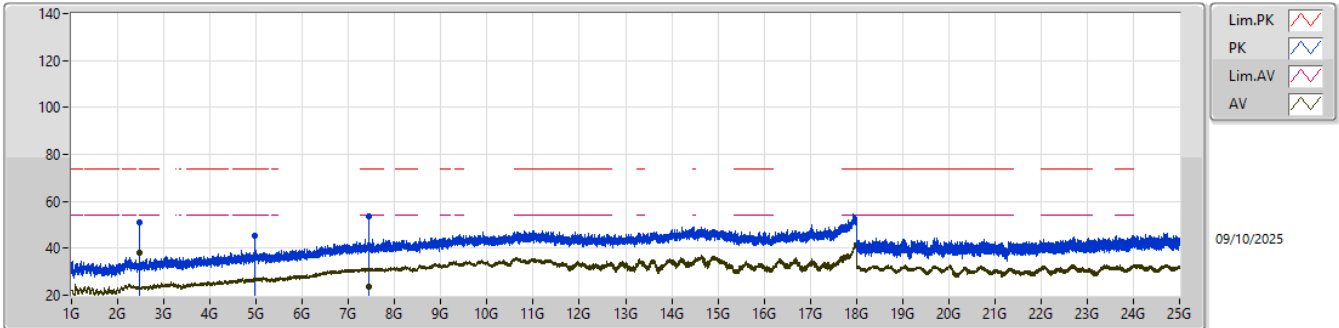
2480MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)				
AV	2.4835G	38.25	54.00	-15.75	42.50	3	Horizontal	253	1.82	-	27.54	4.75	36.54				
PK	2.4835G	51.23	74.00	-22.77	55.48	3	Horizontal	253	1.82	-	27.54	4.75	36.54				
AV	4.96G	15.22	54.00	-38.78	15.38	3	Horizontal	-	-	-	31.44	6.75	38.35				
PK	4.96G	45.32	74.00	-28.68	45.48	3	Horizontal	188	1.00	-	31.44	6.75	38.35				
AV	7.44G	23.09	54.00	-30.91	17.63	3	Horizontal	-	-	-	36.38	8.46	39.38				
PK	7.44G	53.19	74.00	-20.81	47.73	3	Horizontal	181	1.00	-	36.38	8.46	39.38				

2.4-2.4835GHz_BT-BR(1Mbps)

2480MHz_TX

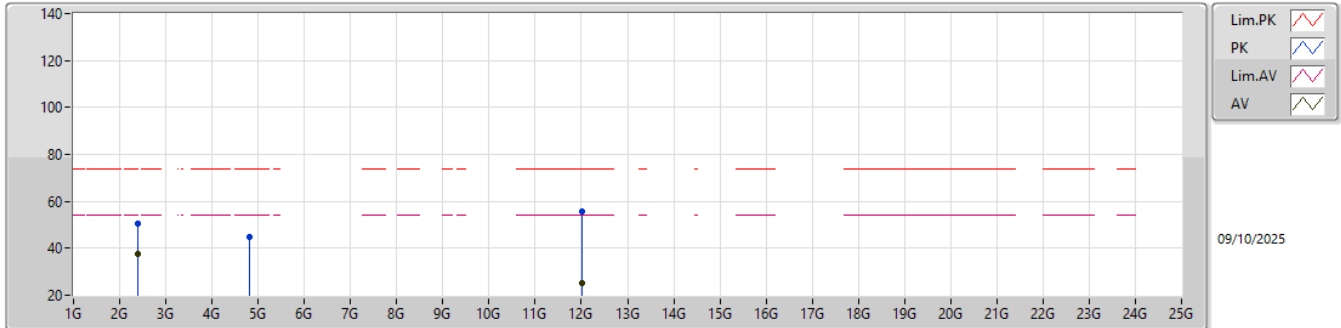


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)				
AV	2.4835G	37.89	54.00	-16.11	42.14	3	Vertical	214	1.00	-	27.54	4.75	36.54				
PK	2.4835G	51.00	74.00	-23.00	55.25	3	Vertical	214	1.00	-	27.54	4.75	36.54				
AV	4.96G	15.08	54.00	-38.92	15.24	3	Vertical	-	-	-	31.44	6.75	38.35				
PK	4.96G	45.18	74.00	-28.82	45.34	3	Vertical	202	1.00	-	31.44	6.75	38.35				
AV	7.44G	23.62	54.00	-30.38	18.16	3	Vertical	-	-	-	36.38	8.46	39.38				
PK	7.44G	53.72	74.00	-20.28	48.26	3	Vertical	209	2.28	-	36.38	8.46	39.38				



2.4-2.4835GHz_BT-EDR(3Mbps)

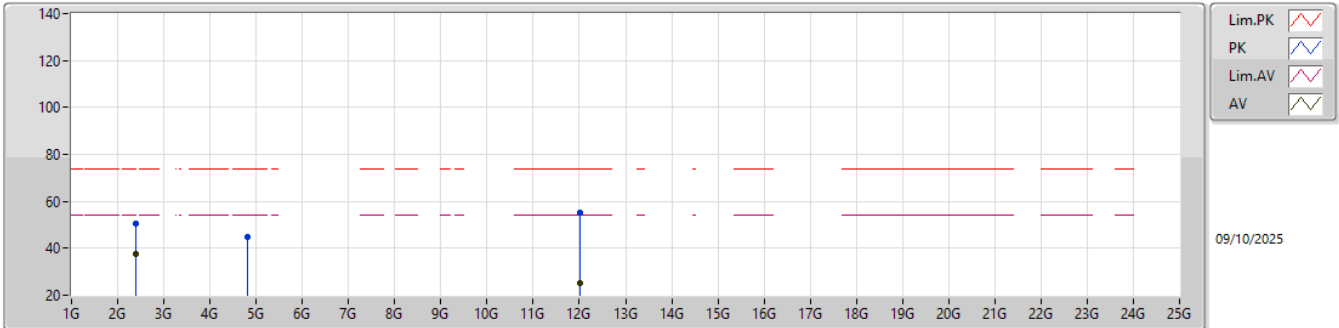
2402MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)				
AV	2.39G	37.59	54.00	-16.41	41.78	3	Horizontal	262	1.75	-	27.60	4.66	36.45				
PK	2.39G	50.62	74.00	-23.38	54.81	3	Horizontal	262	1.75	-	27.60	4.66	36.45				
AV	4.804G	14.95	54.00	-39.05	-	3	Horizontal	-	-	-	-	-	-				
PK	4.804G	45.05	74.00	-28.95	45.48	3	Horizontal	195	1.00	-	31.20	6.62	38.25				
AV	12.01G	25.39	54.00	-28.61	-	3	Horizontal	-	-	-	-	-	-				
PK	12.01G	55.49	74.00	-18.51	48.48	3	Horizontal	159	1.00	-	38.82	10.44	42.25				

2.4-2.4835GHz_BT-EDR(3Mbps)

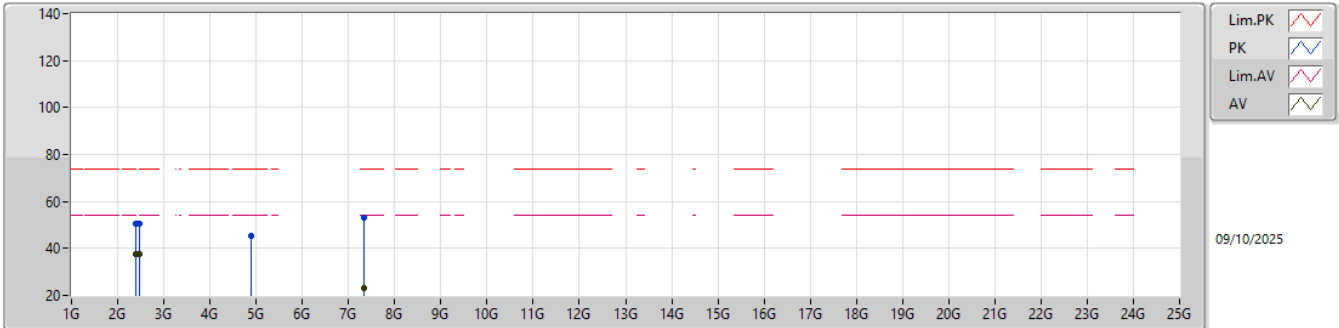
2402MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	2.39G	37.35	54.00	-16.65	41.54	3	Vertical	222	1.00	-	27.60	4.66	36.45			
PK	2.39G	50.28	74.00	-23.72	54.47	3	Vertical	222	1.00	-	27.60	4.66	36.45			
AV	4.804G	14.86	54.00	-39.14	-	3	Vertical	-	-	-	-	-	-			
PK	4.804G	44.96	74.00	-29.04	45.39	3	Vertical	213	1.00	-	31.20	6.62	38.25			
AV	12.01G	25.02	54.00	-28.98	-	3	Vertical	-	-	-	-	-	-			
PK	12.01G	55.12	74.00	-18.88	48.11	3	Vertical	204	1.00	-	38.82	10.44	42.25			

2.4-2.4835GHz_BT-EDR(3Mbps)

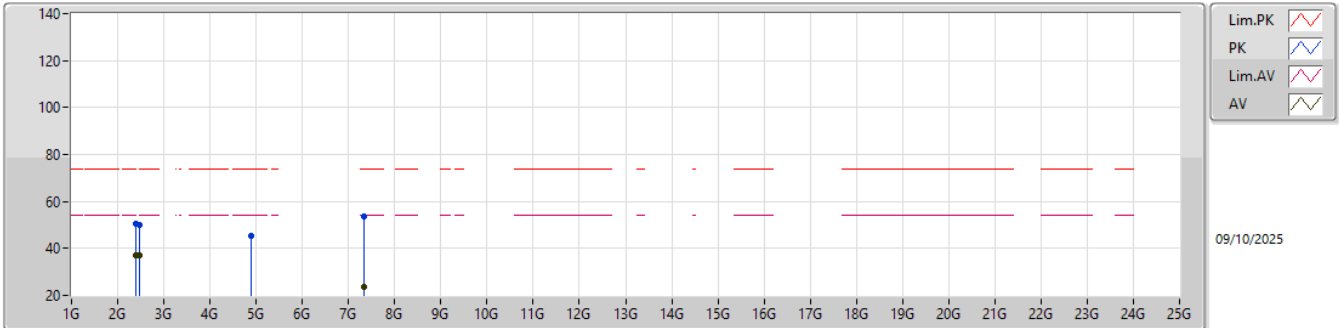
2441MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	2.39G	37.37	54.00	-16.63	41.56	3	Horizontal	265	1.98	-	27.60	4.66	36.45			
PK	2.39G	50.45	74.00	-23.55	54.64	3	Horizontal	265	1.98	-	27.60	4.66	36.45			
AV	2.4835G	37.34	54.00	-16.66	41.59	3	Horizontal	265	1.98	-	27.54	4.75	36.54			
PK	2.4835G	50.39	74.00	-23.61	54.64	3	Horizontal	265	1.98	-	27.54	4.75	36.54			
AV	4.882G	15.01	54.00	-38.99	-	3	Horizontal	-	-	-	-	-	-			
PK	4.882G	45.11	74.00	-28.89	45.52	3	Horizontal	193	1.00	-	31.20	6.69	38.30			
AV	7.323G	23.11	54.00	-30.89	-	3	Horizontal	-	-	-	-	-	-			
PK	7.323G	53.21	74.00	-20.79	47.69	3	Horizontal	184	1.00	-	36.40	8.38	39.26			

2.4-2.4835GHz_BT-EDR(3Mbps)

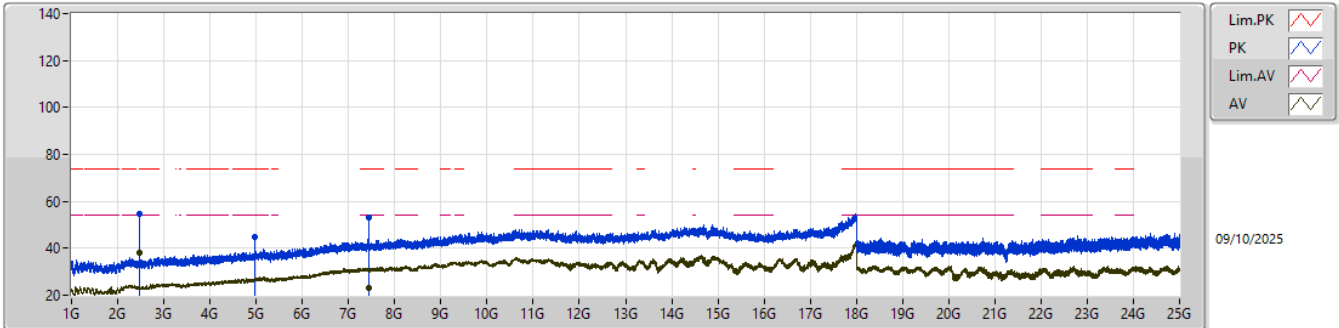
2441MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	2.39G	37.24	54.00	-16.76	41.43	3	Vertical	205	1.00	-	27.60	4.66	36.45			
PK	2.39G	50.29	74.00	-23.71	54.48	3	Vertical	205	1.00	-	27.60	4.66	36.45			
AV	2.4835G	37.18	54.00	-16.82	41.43	3	Vertical	205	1.00	-	27.54	4.75	36.54			
PK	2.4835G	50.22	74.00	-23.78	54.47	3	Vertical	205	1.00	-	27.54	4.75	36.54			
AV	4.882G	15.05	54.00	-38.95	-	3	Vertical	-	-	-	-	-	-			
PK	4.882G	45.15	74.00	-28.85	45.56	3	Vertical	207	1.00	-	31.20	6.69	38.30			
AV	7.323G	23.58	54.00	-30.42	-	3	Vertical	-	-	-	-	-	-			
PK	7.323G	53.68	74.00	-20.32	48.16	3	Vertical	213	2.29	-	36.40	8.38	39.26			

2.4-2.4835GHz_BT-EDR(3Mbps)

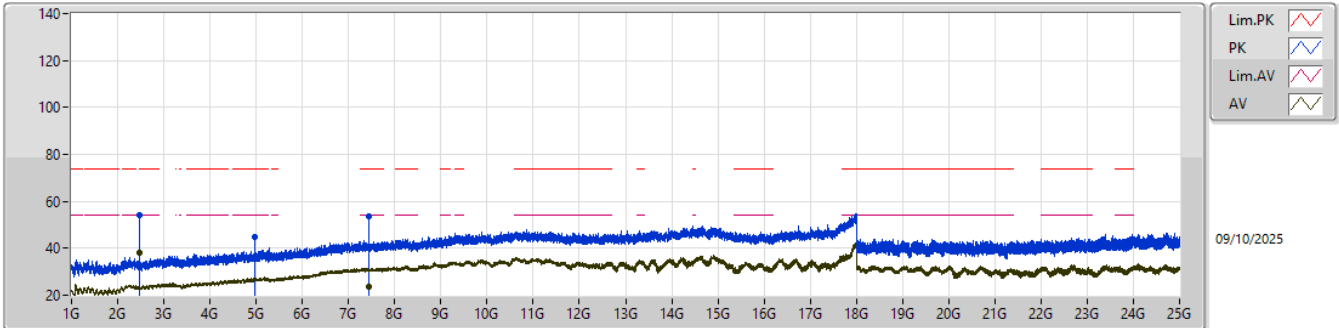
2480MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)				
AV	2.4835G	38.24	54.00	-15.76	42.49	3	Horizontal	252	1.80	-	27.54	4.75	36.54				
PK	2.4835G	54.69	74.00	-19.31	58.94	3	Horizontal	252	1.80	-	27.54	4.75	36.54				
AV	4.96G	14.89	54.00	-39.11	-	3	Horizontal	-	-	-	-	-	-				
PK	4.96G	44.99	74.00	-29.01	45.15	3	Horizontal	184	1.00	-	31.44	6.75	38.35				
AV	7.44G	23.04	54.00	-30.96	-	3	Horizontal	-	-	-	-	-	-				
PK	7.44G	53.14	74.00	-20.86	47.68	3	Horizontal	179	1.00	-	36.38	8.46	39.38				

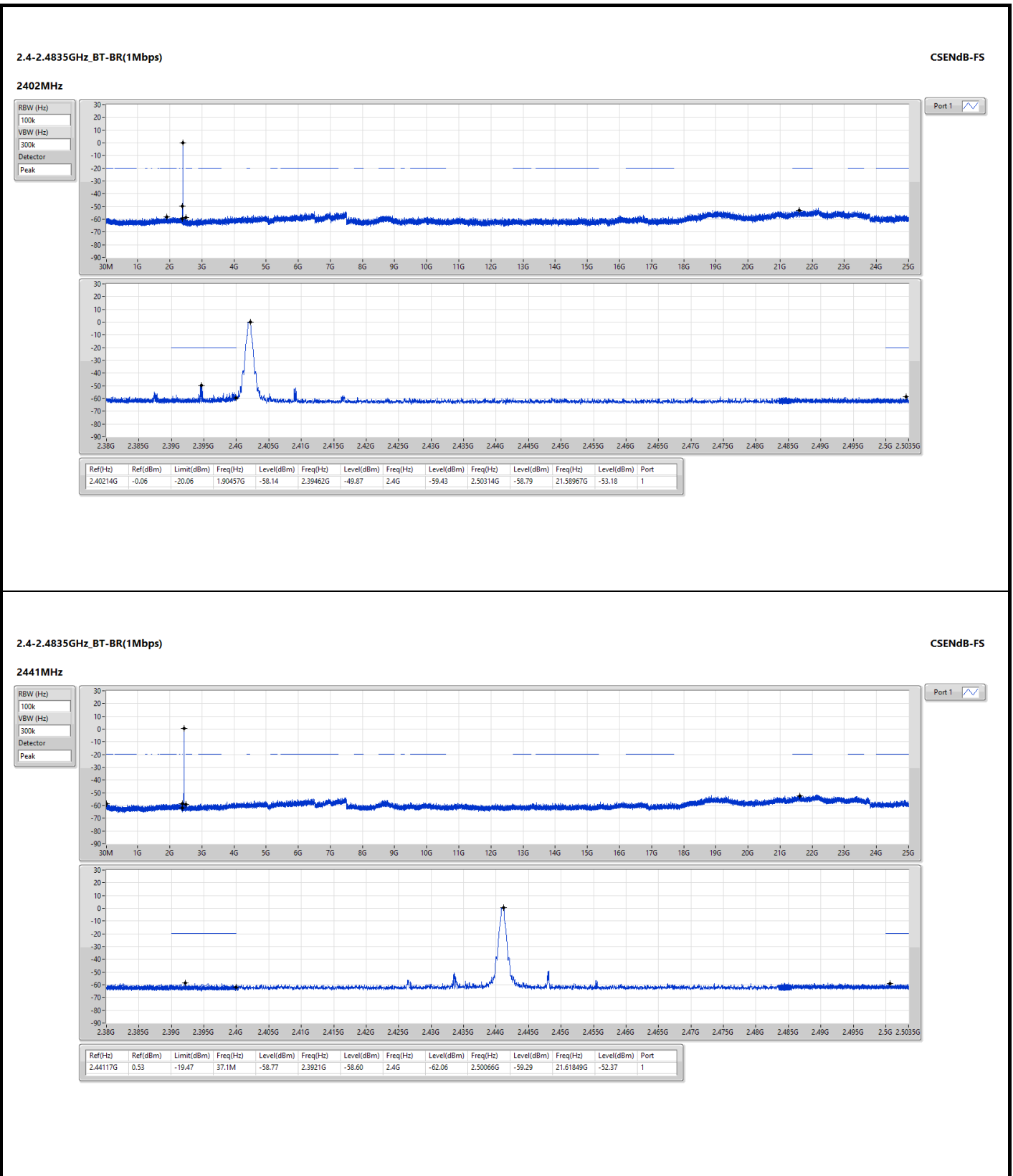
2.4-2.4835GHz_BT-EDR(3Mbps)

2480MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)				
AV	2.4835G	37.90	54.00	-16.10	42.15	3	Vertical	219	1.00	-	27.54	4.75	36.54				
PK	2.4835G	54.22	74.00	-19.78	58.47	3	Vertical	219	1.00	-	27.54	4.75	36.54				
AV	4.96G	14.77	54.00	-39.23	-	3	Vertical	-	-	-	-	-	-				
PK	4.96G	44.87	74.00	-29.13	45.03	3	Vertical	210	1.00	-	31.44	6.75	38.35				
AV	7.44G	23.48	54.00	-30.52	-	3	Vertical	-	-	-	-	-	-				
PK	7.44G	53.58	74.00	-20.42	48.12	3	Vertical	211	2.31	-	36.38	8.46	39.38				

Configuration 1: Combo chip, model AW611

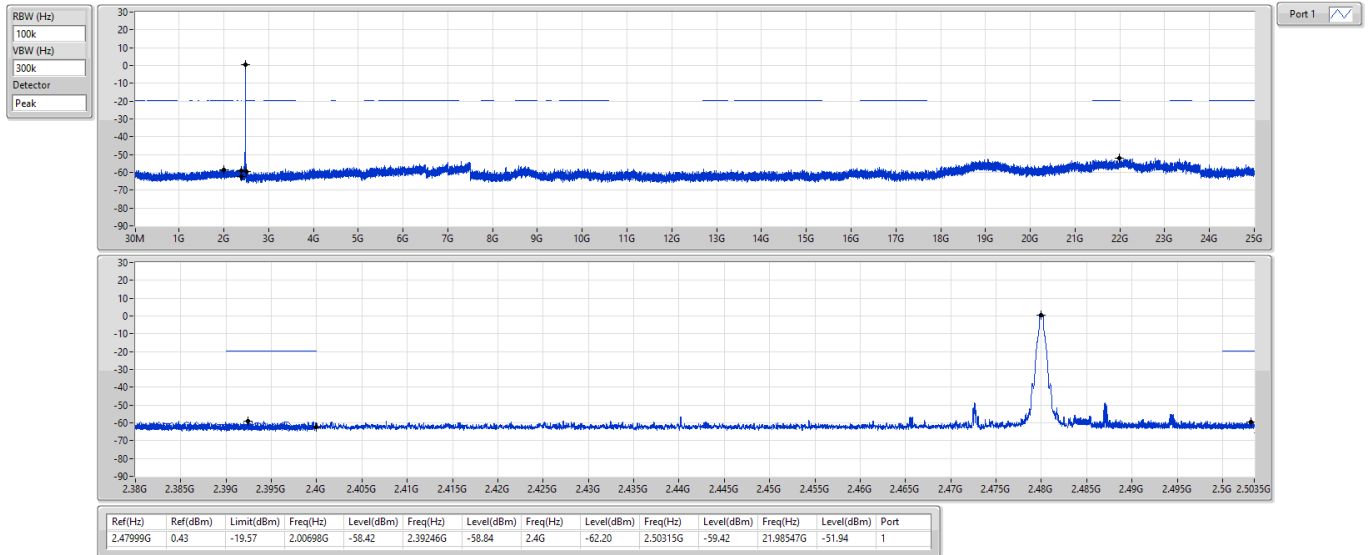




2.4-2.4835GHz_BT-BR(1Mbps)

CSEndB-FS

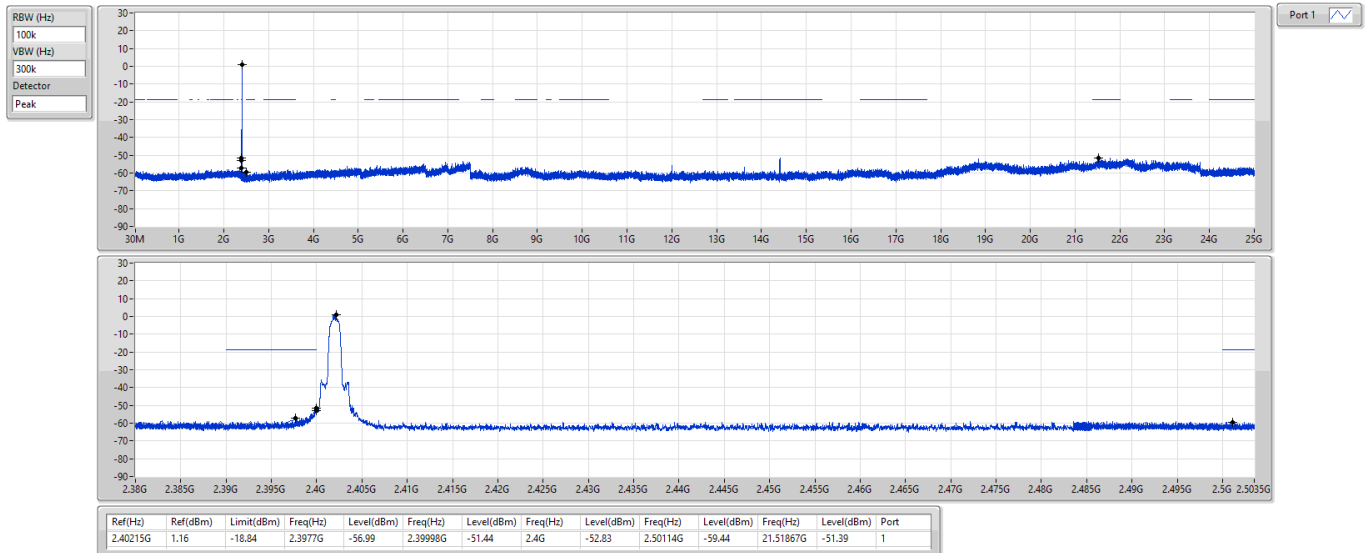
2480MHz



2.4-2.4835GHz_BT-EDR(2Mbps)

CSEndB-FS

2402MHz

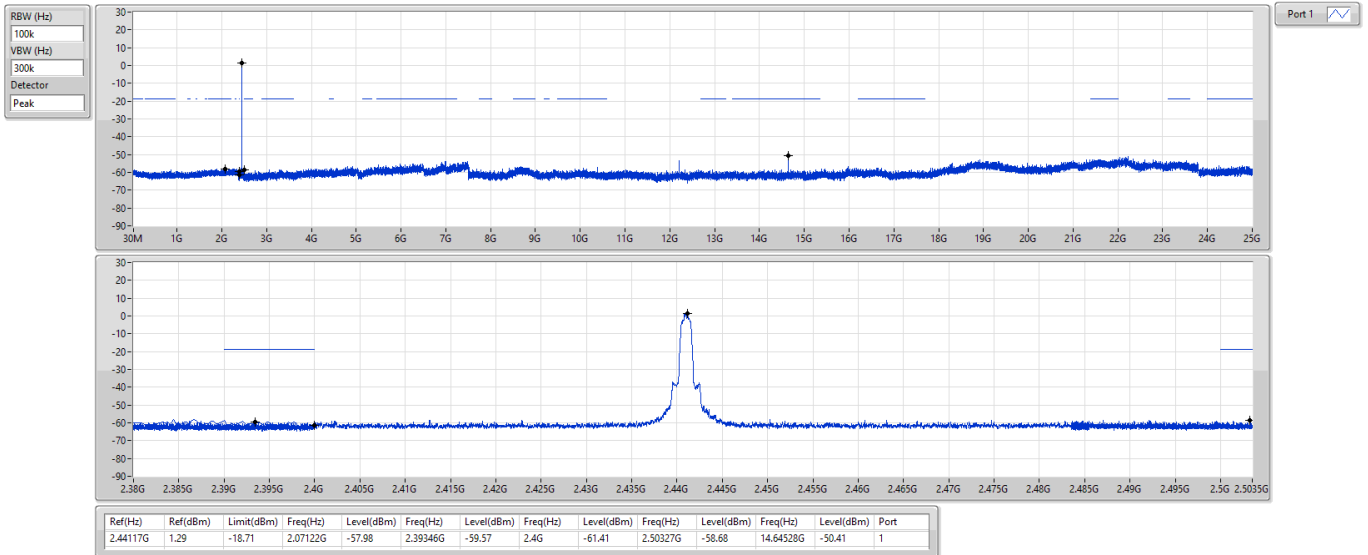




2.4-2.4835GHz_BT-EDR(2Mbps)

CSEndB-FS

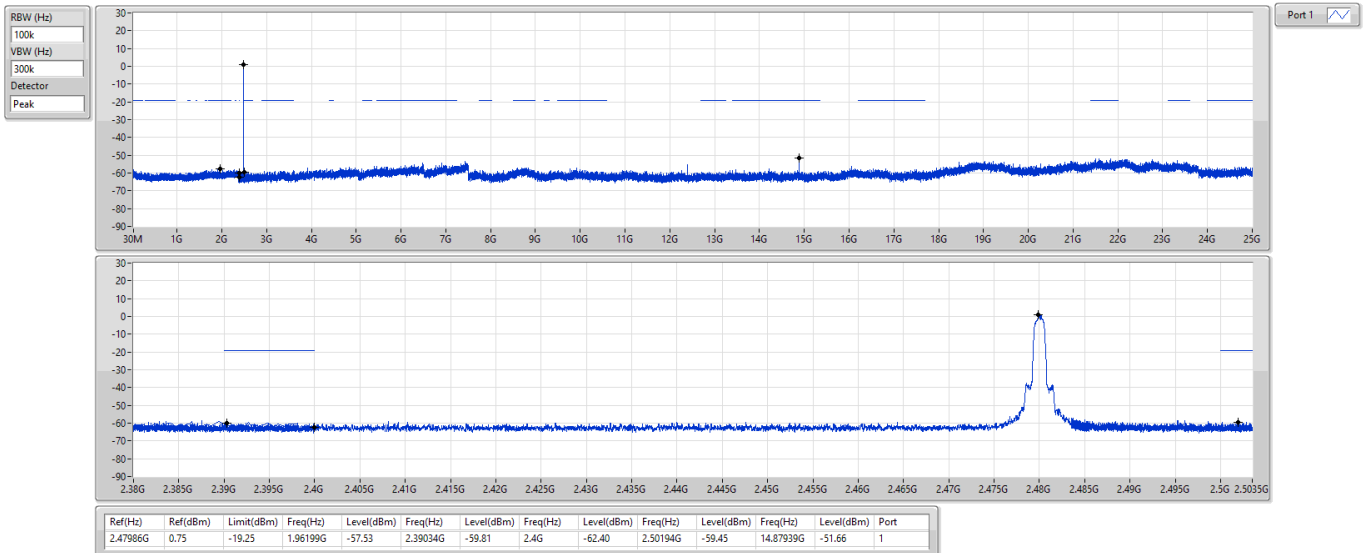
2441MHz



2.4-2.4835GHz_BT-EDR(2Mbps)

CSEndB-FS

2480MHz

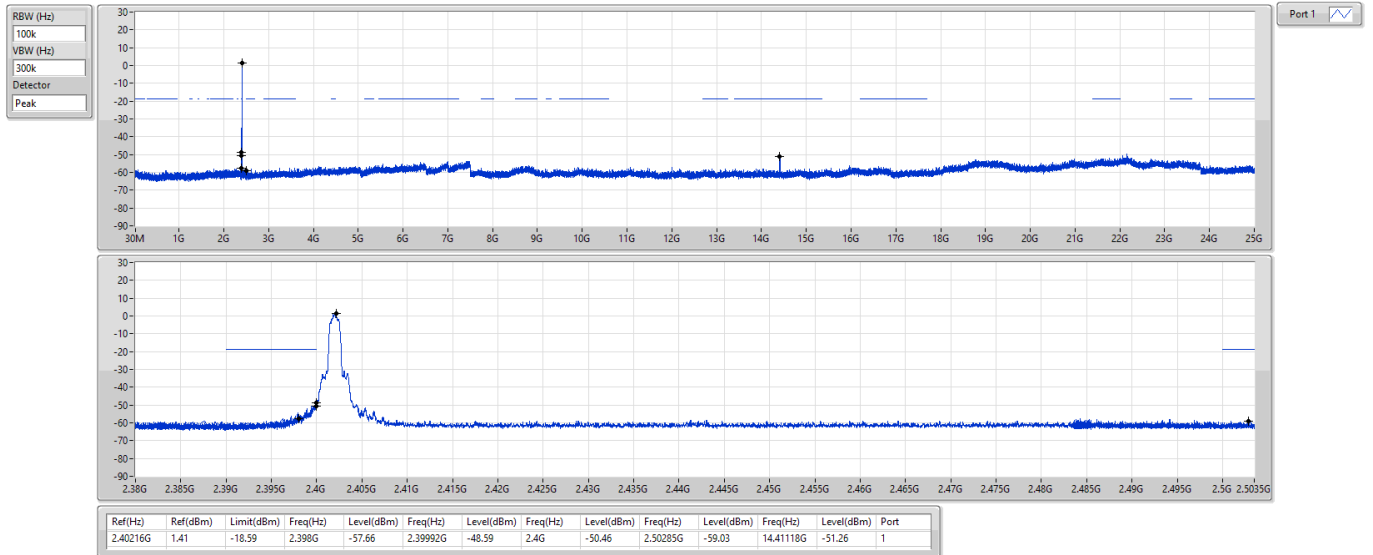




2.4-2.4835GHz_BT-EDR(3Mbps)

CSEndB-FS

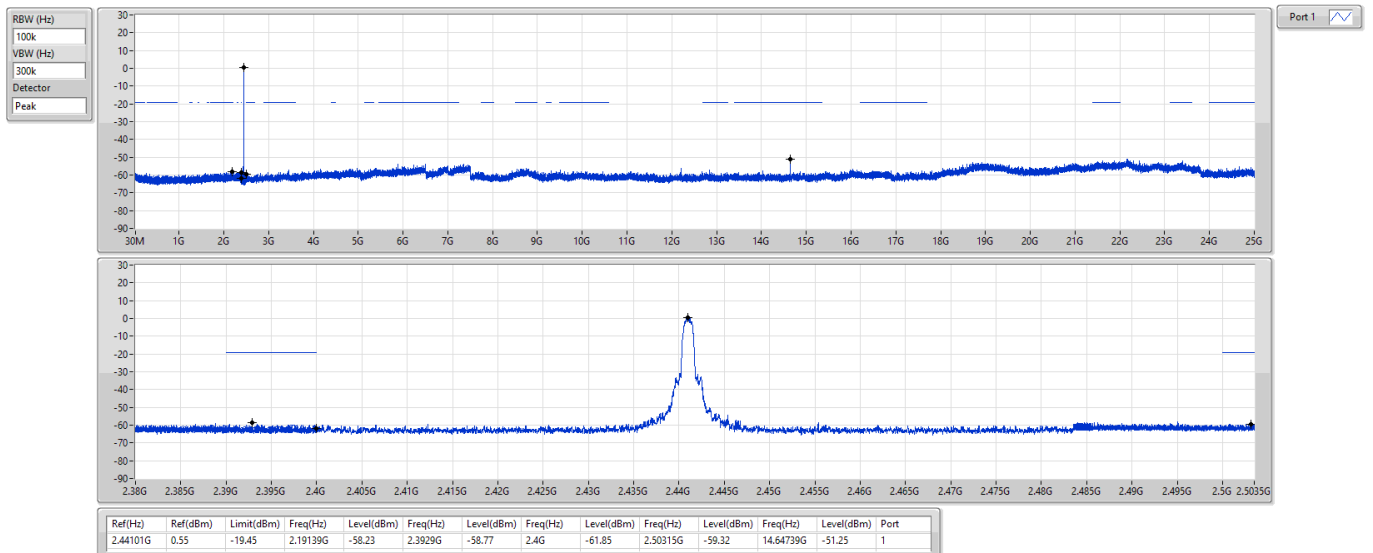
2402MHz



2.4-2.4835GHz_BT-EDR(3Mbps)

CSEndB-FS

2441MHz





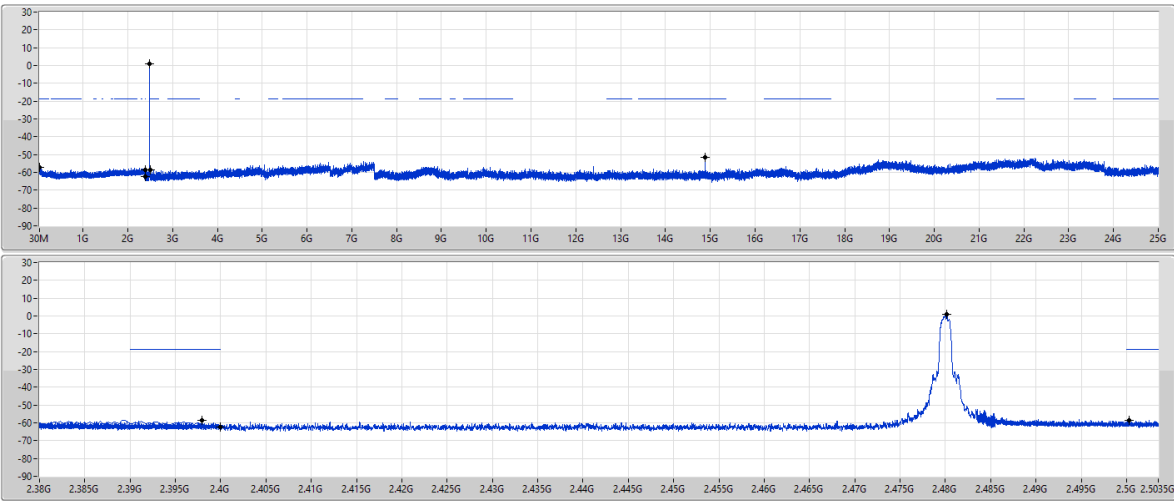
2.4-2.4835GHz_BT-EDR(3Mbps)

CSEndB-FS

2480MHz

RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak

Port 1

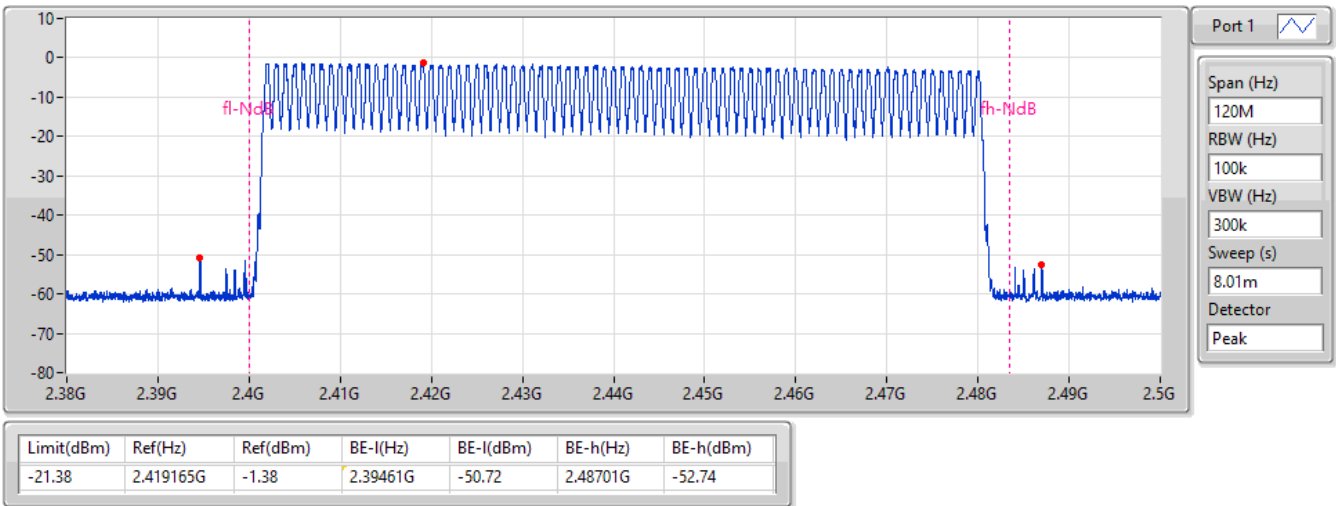


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.48016G	1.16	-18.84	35.62M	-57.23	2.39797G	-58.47	2.4G	-62.42	2.50024G	-58.45	14.88009G	-51.54	1

2.4-2.4835GHz_BT-BR(1Mbps)

2402MHz

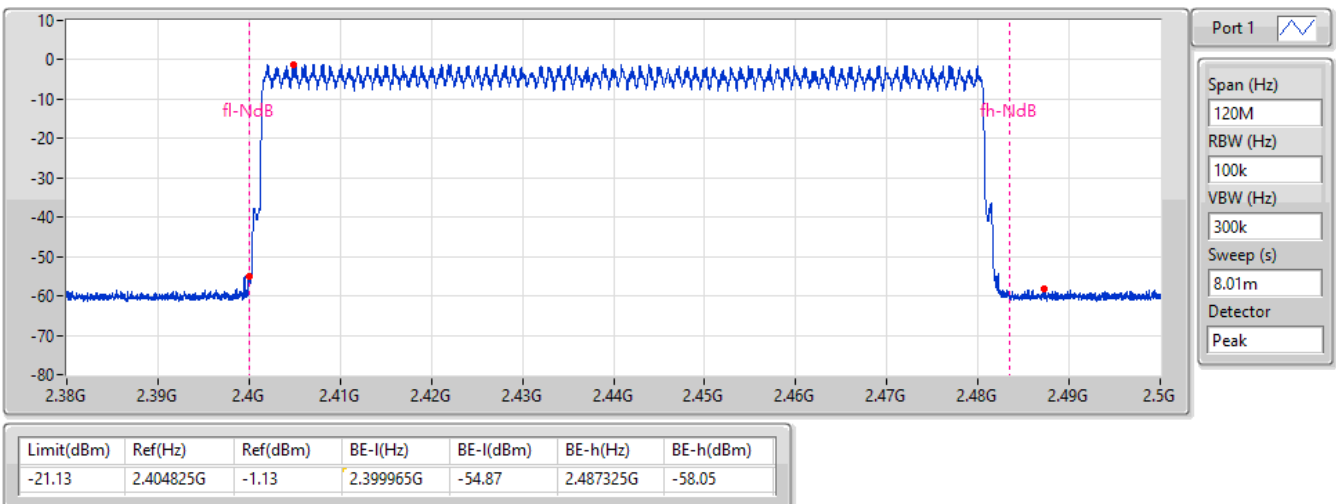
Hopping Ch Bandedge (Non-restricted Band)



2.4-2.4835GHz_BT-EDR(2Mbps)

2402MHz

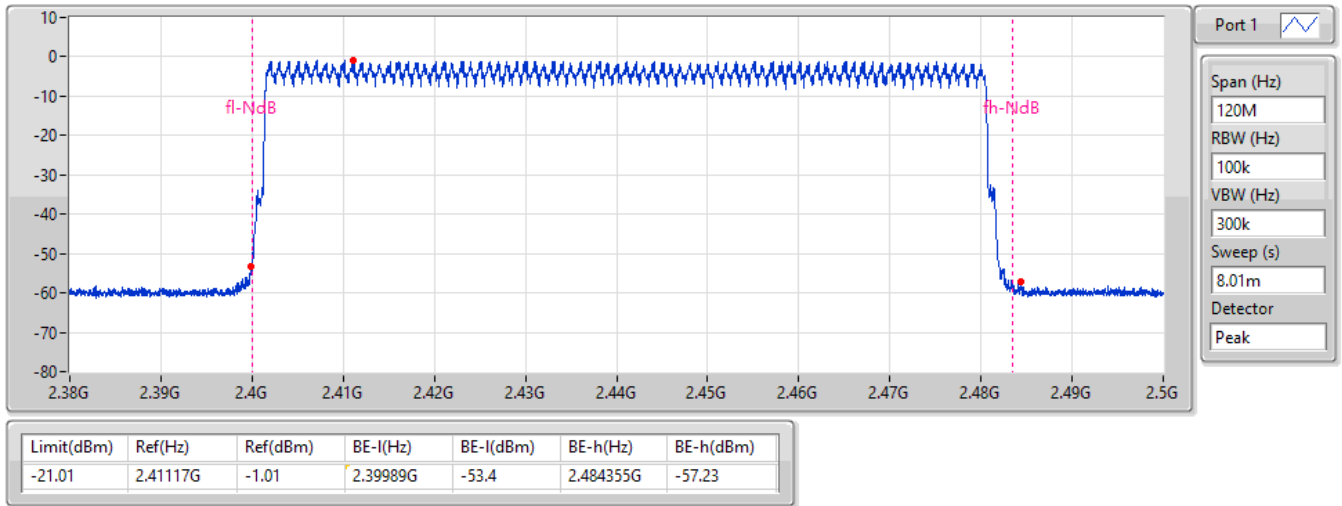
Hopping Ch Bandedge (Non-restricted Band)



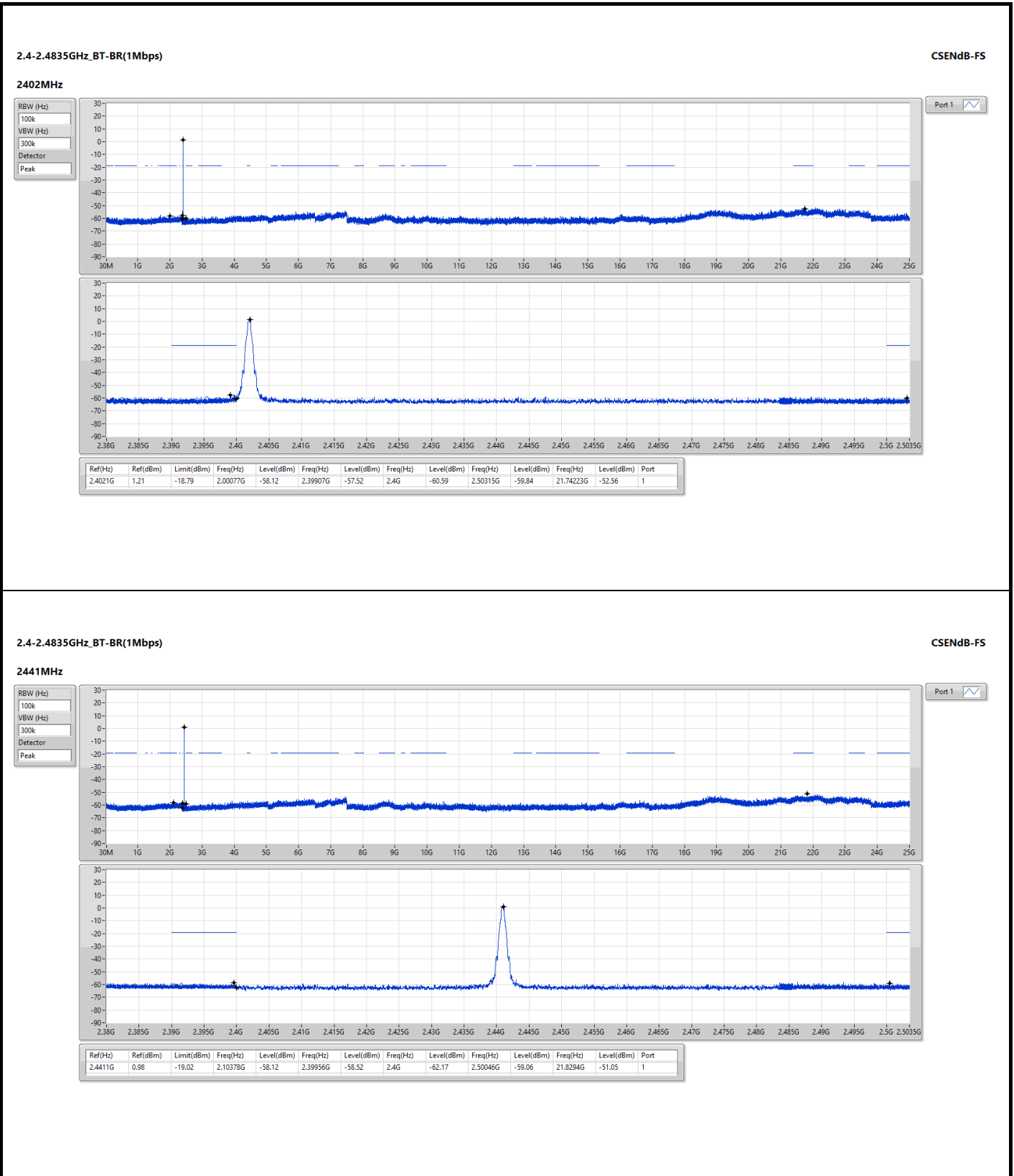
2.4-2.4835GHz_BT-EDR(3Mbps)

2402MHz

Hopping Ch Bandedge (Non-restricted Band)



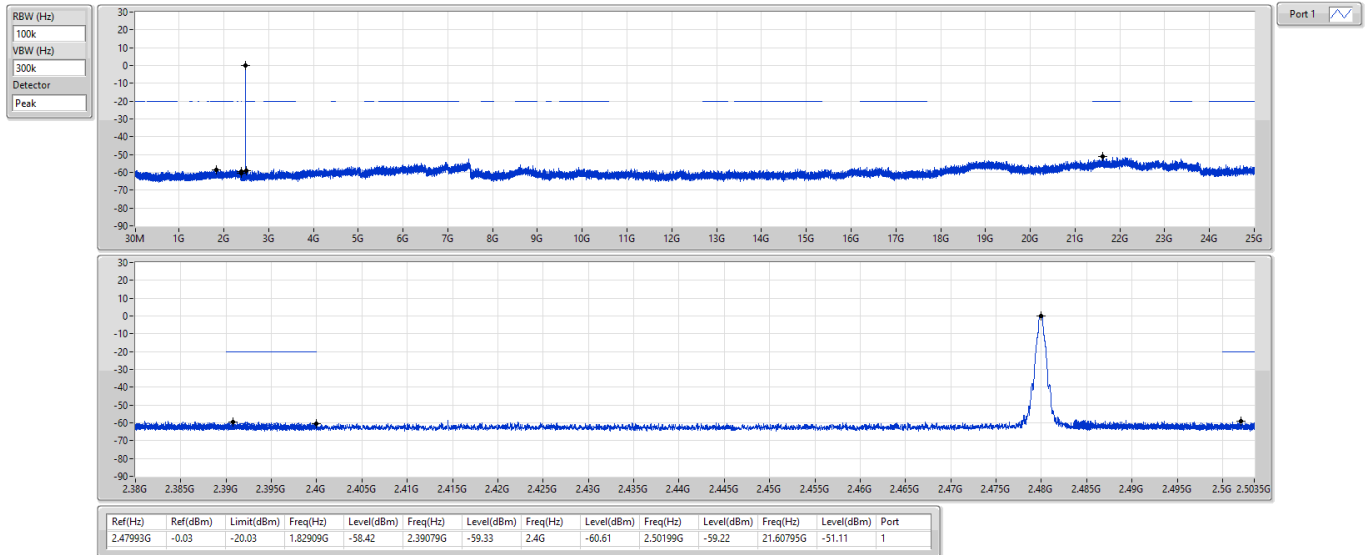
Configuration 2: Chip 1, model AW300



2.4-2.4835GHz_BT-BR(1Mbps)

CSEndB-FS

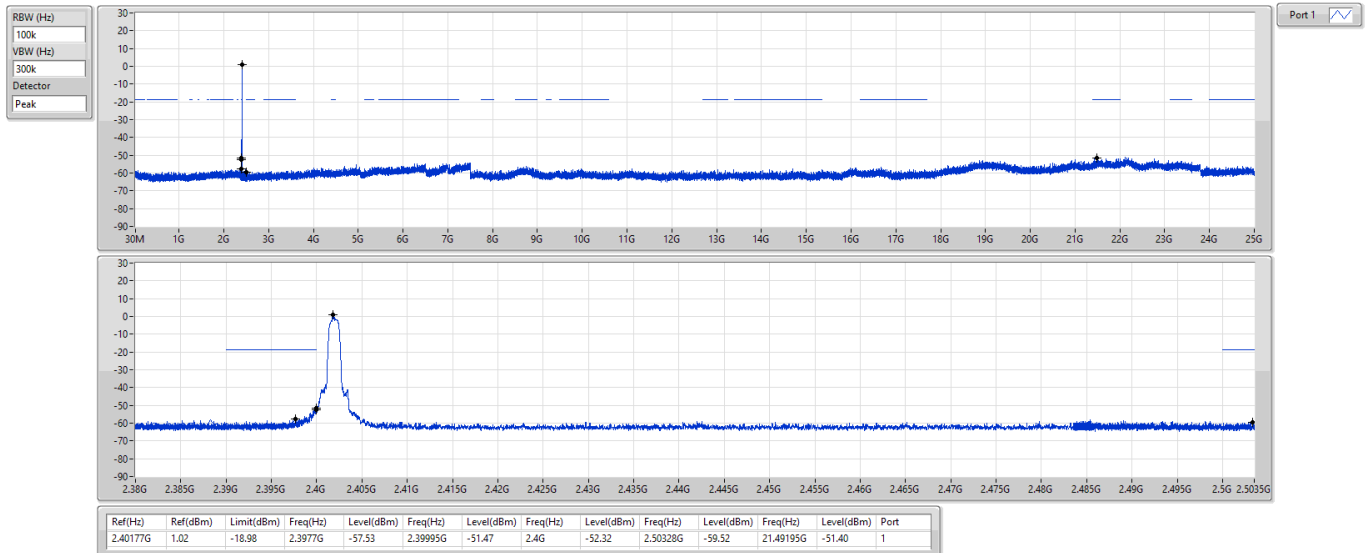
2480MHz



2.4-2.4835GHz_BT-EDR(2Mbps)

CSEndB-FS

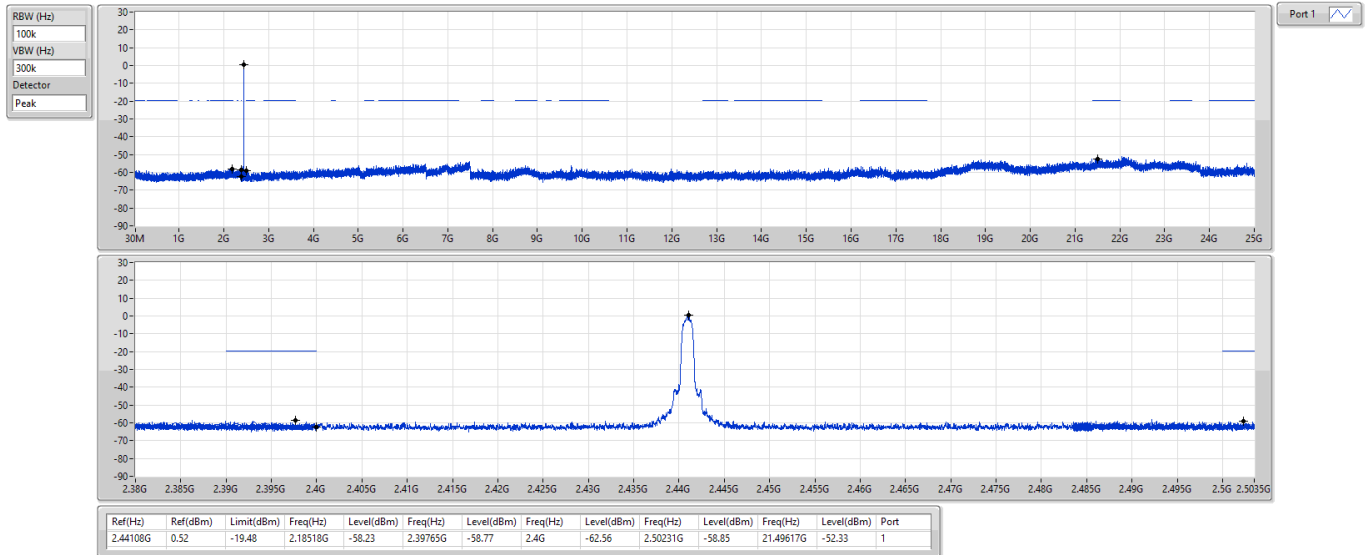
2402MHz



2.4-2.4835GHz_BT-EDR(2Mbps)

CSEndB-FS

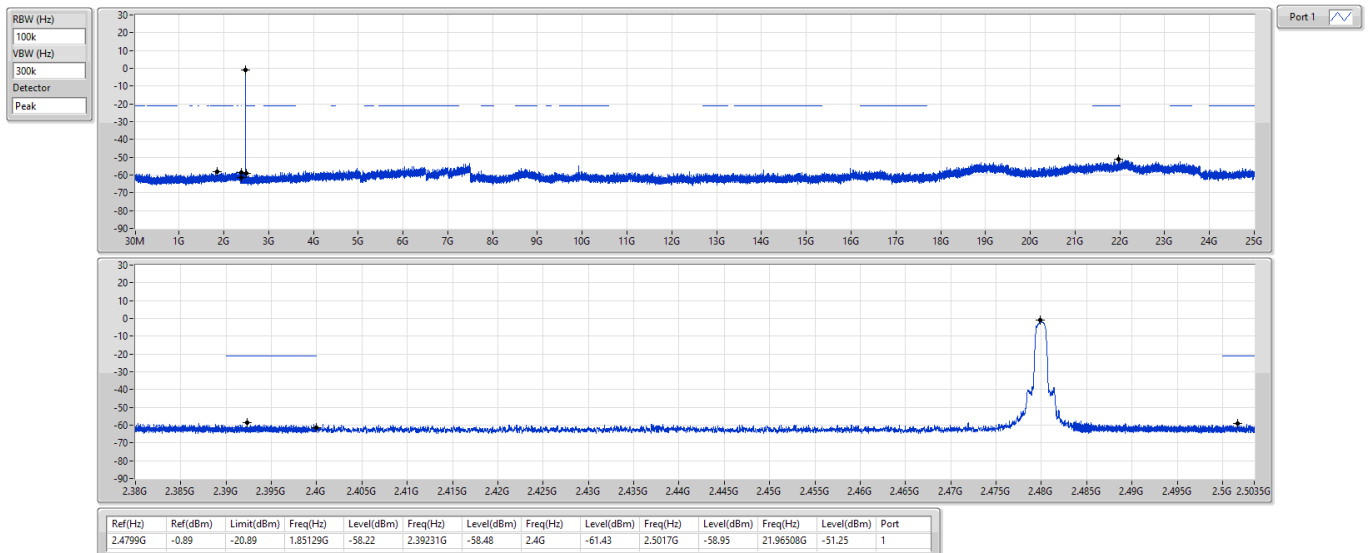
2441MHz



2.4-2.4835GHz_BT-EDR(2Mbps)

CSEndB-FS

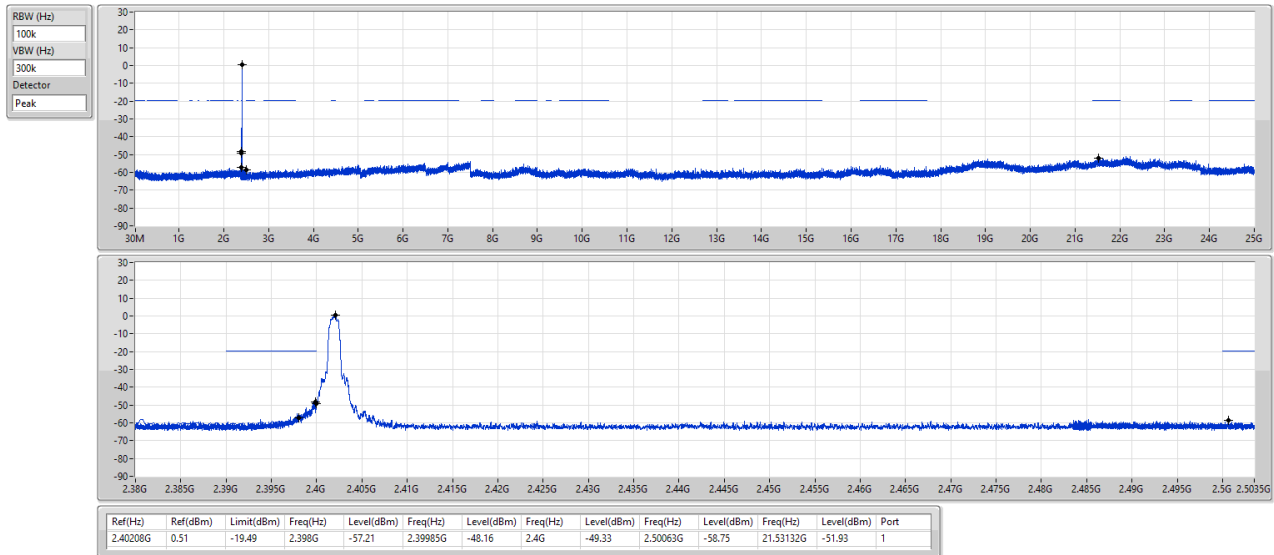
2480MHz



2.4-2.4835GHz_BT-EDR(3Mbps)

CSEndB-FS

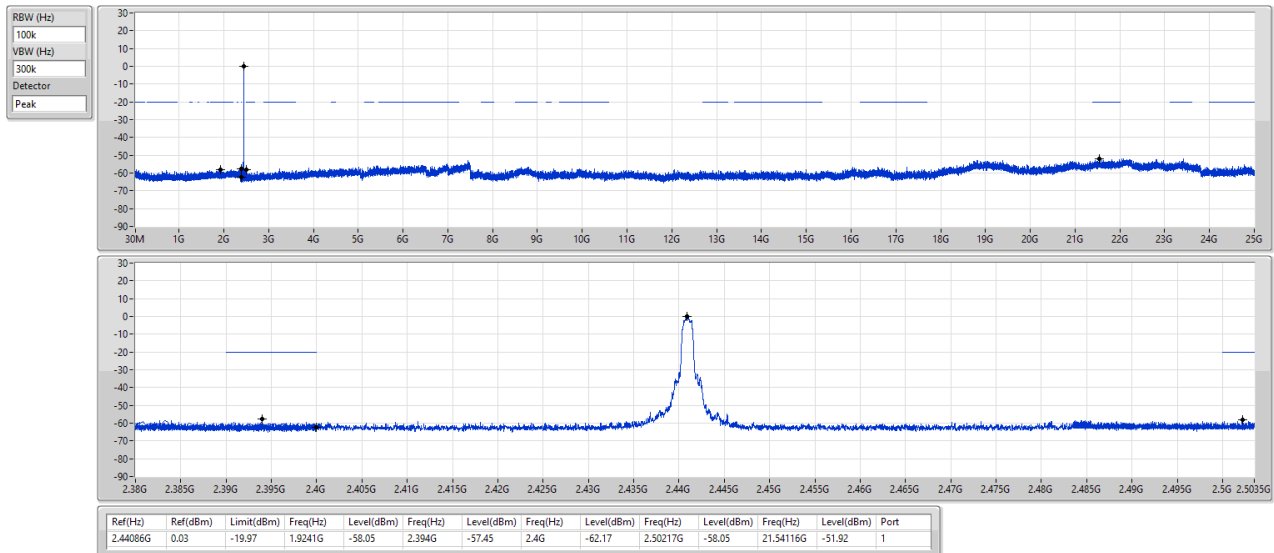
2402MHz



2.4-2.4835GHz_BT-EDR(3Mbps)

CSEndB-FS

2441MHz





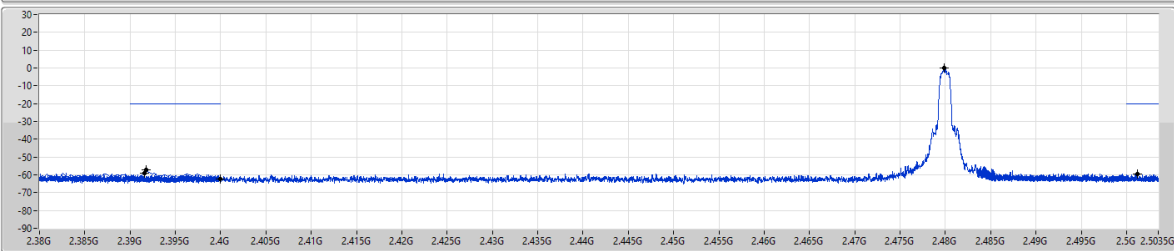
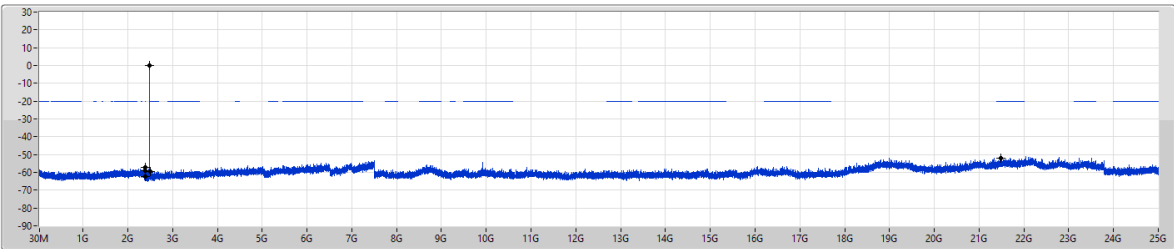
2.4-2.4835GHz_BT-EDR(3Mbps)

CSEndB-FS

2480MHz

RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak

Port 1

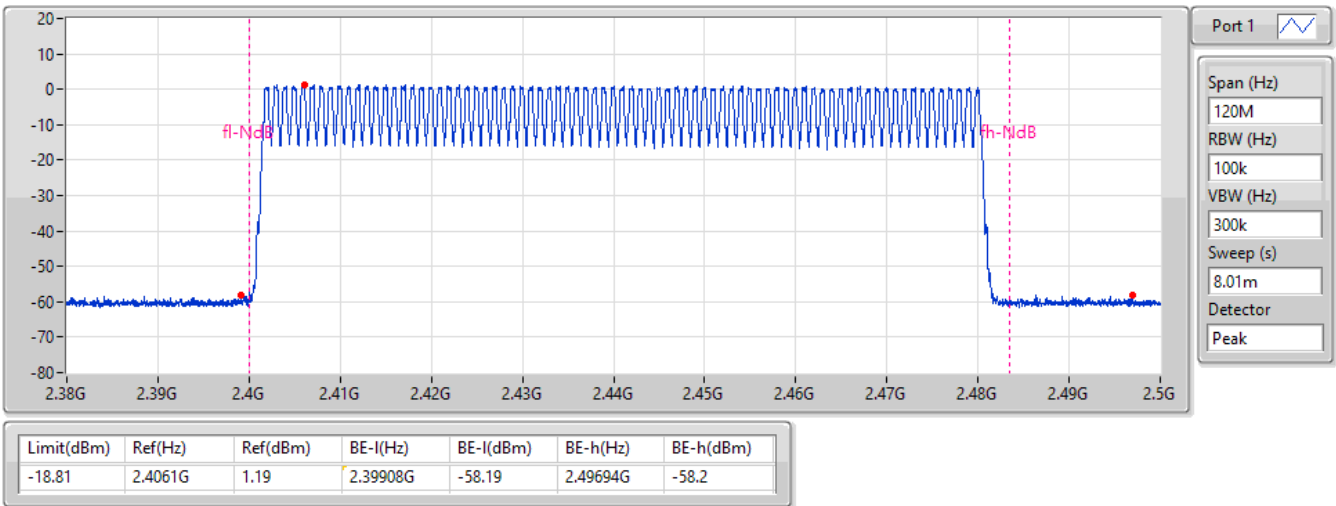


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.47987G	-0.21	-20.21	2.39178G	-57.18	2.39157G	-58.89	2.4G	-62.44	2.50118G	-59.37	2.47719G	-52.16	1

2.4-2.4835GHz_BT-BR(1Mbps)

2402MHz

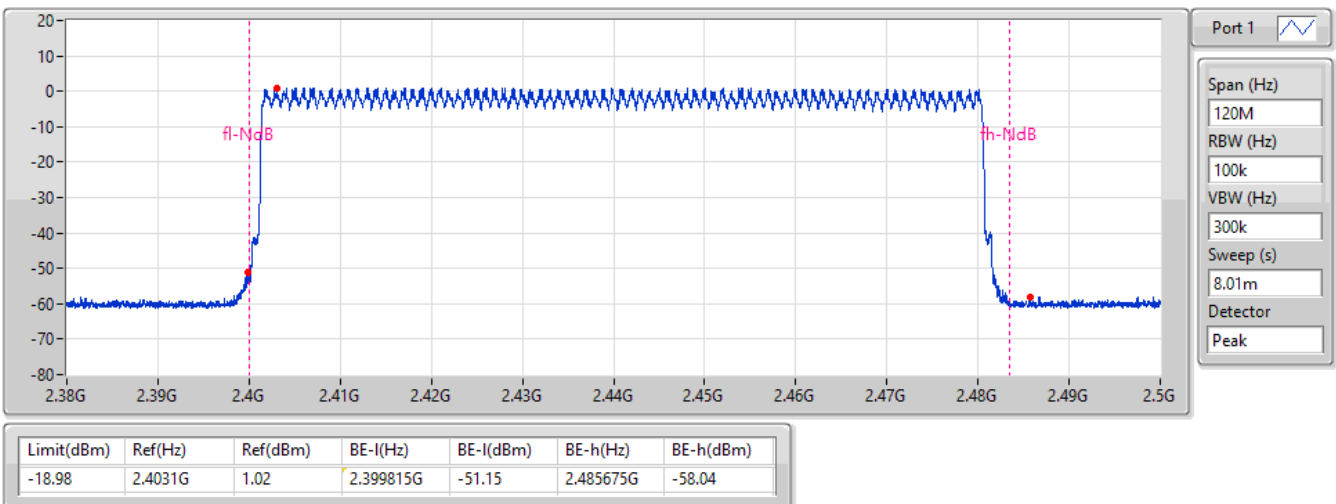
Hopping Ch Bandedge (Non-restricted Band)



2.4-2.4835GHz_BT-EDR(2Mbps)

2402MHz

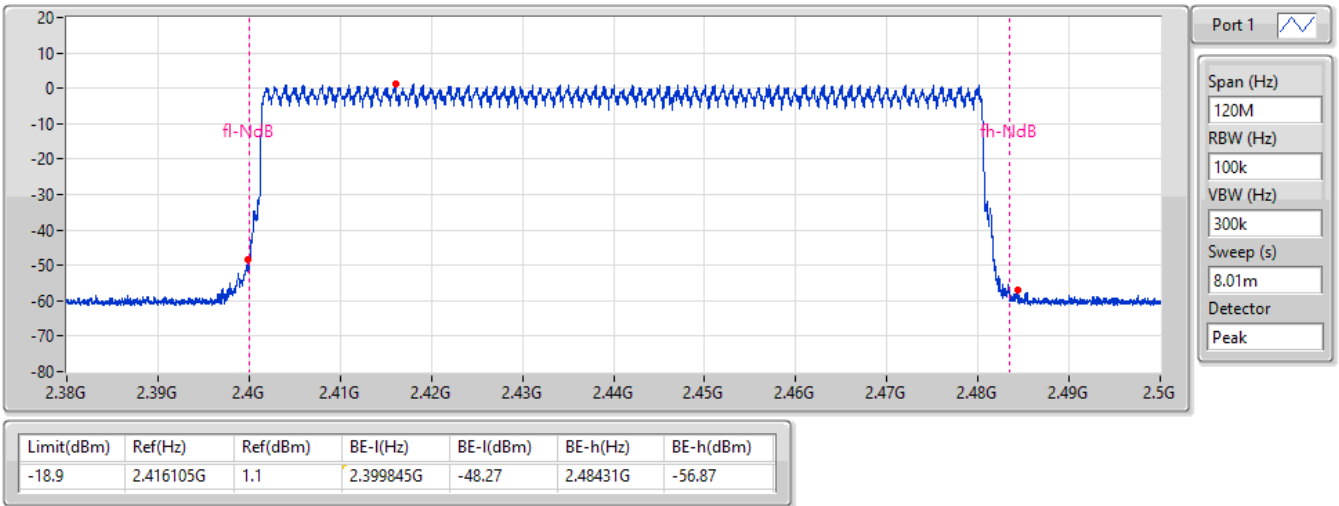
Hopping Ch Bandedge (Non-restricted Band)



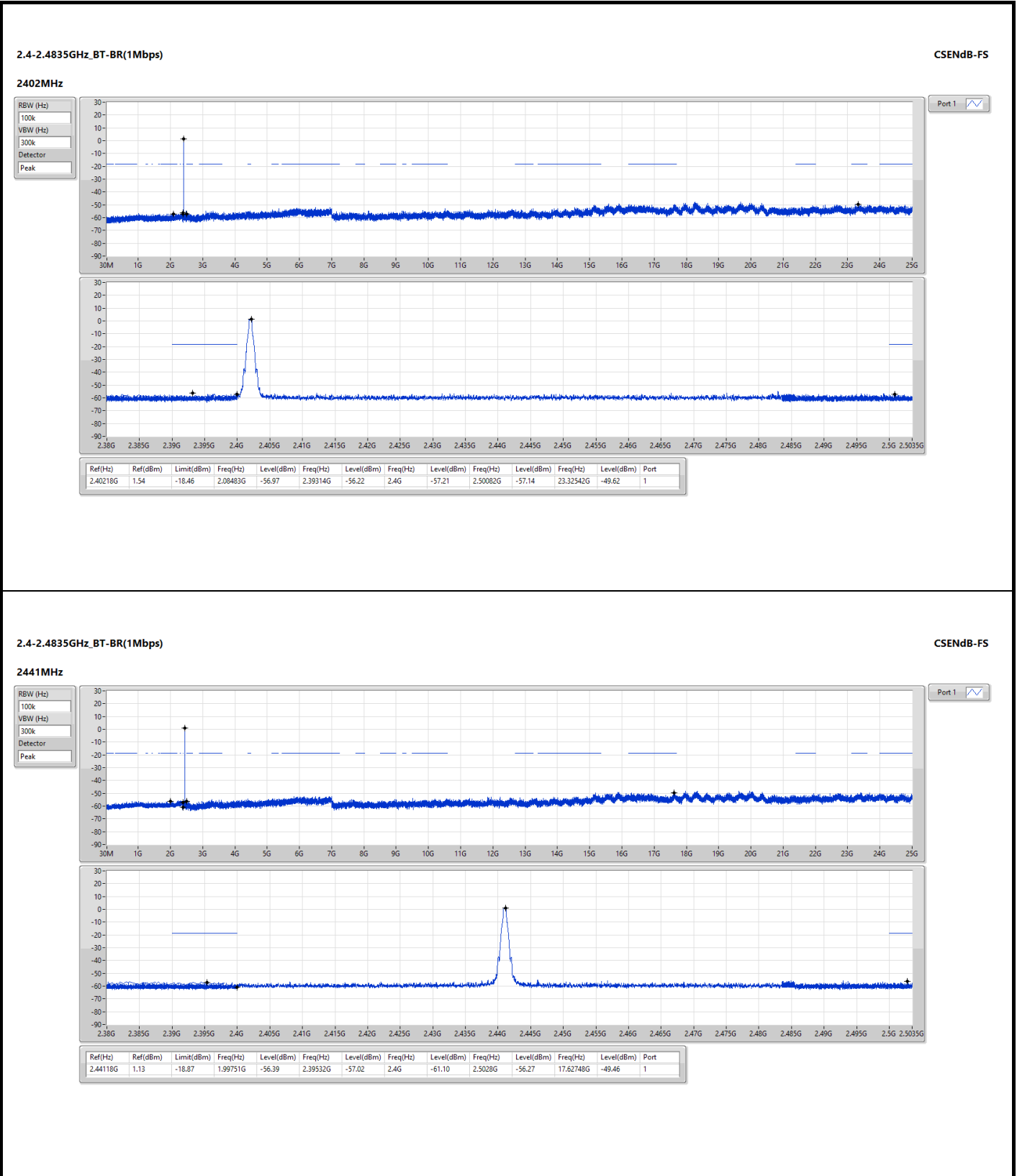
2.4-2.4835GHz_BT-EDR(3Mbps)

2402MHz

Hopping Ch Bandedge (Non-restricted Band)



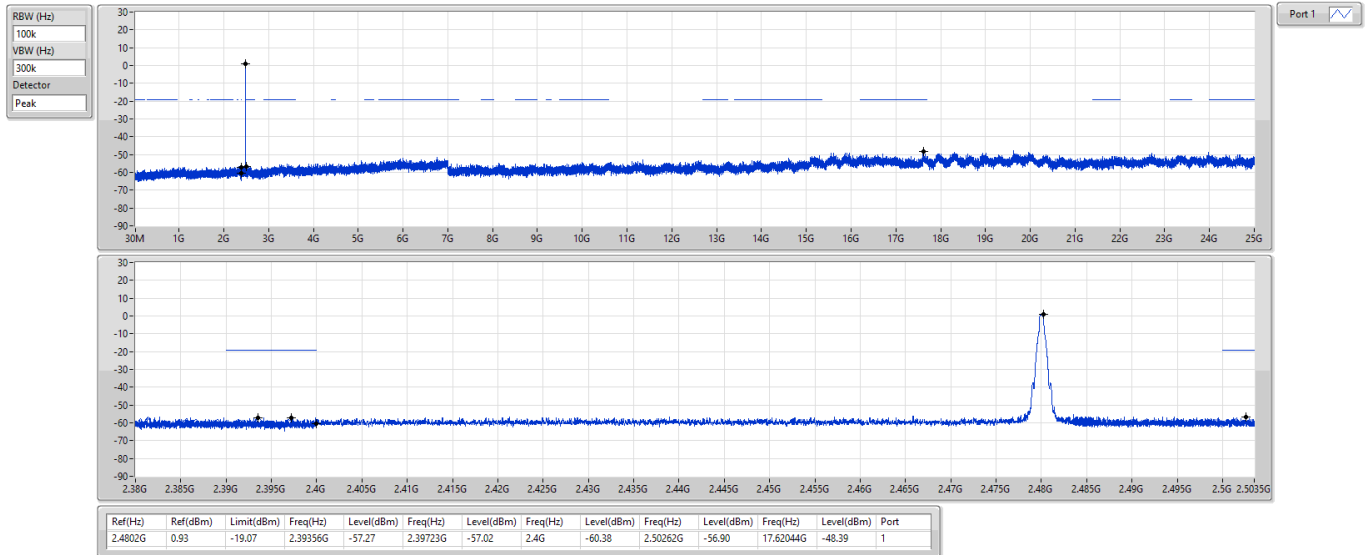
Configuration 3: Chip 2, model AW300



2.4-2.4835GHz_BT-BR(1Mbps)

CSEndB-FS

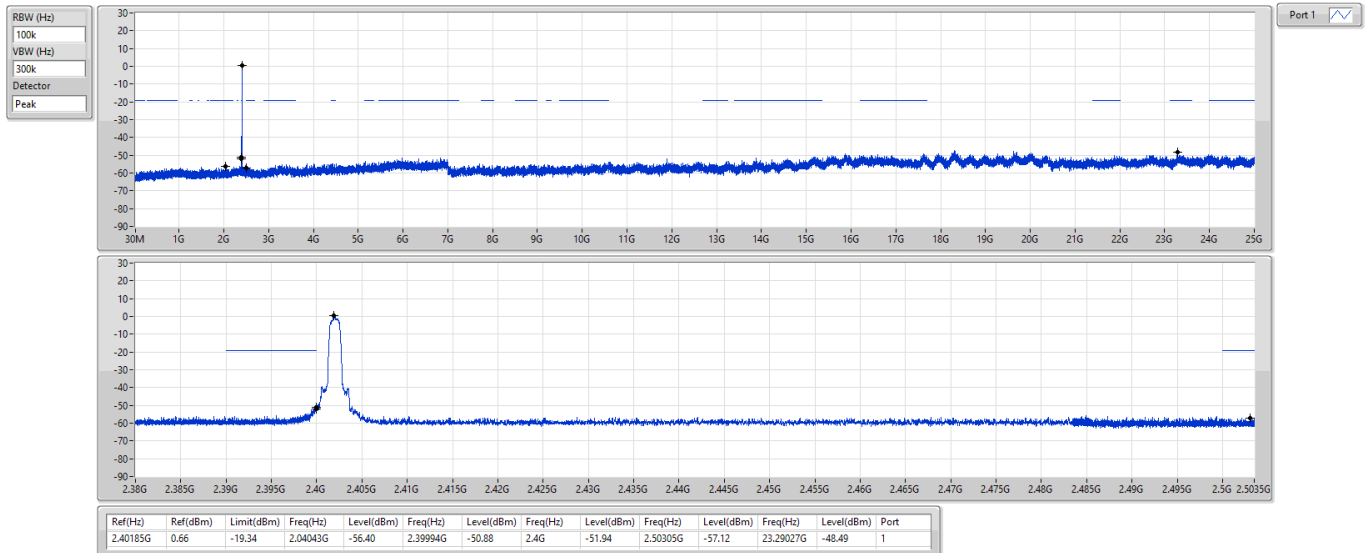
2480MHz



2.4-2.4835GHz_BT-EDR(2Mbps)

CSEndB-FS

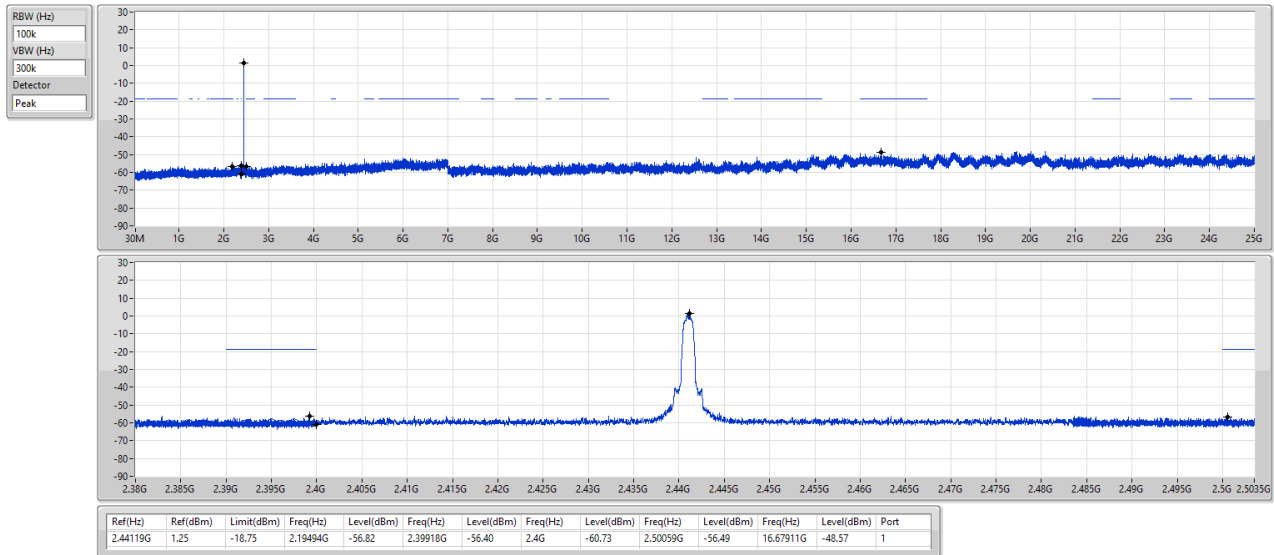
2402MHz



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CSEndB-FS

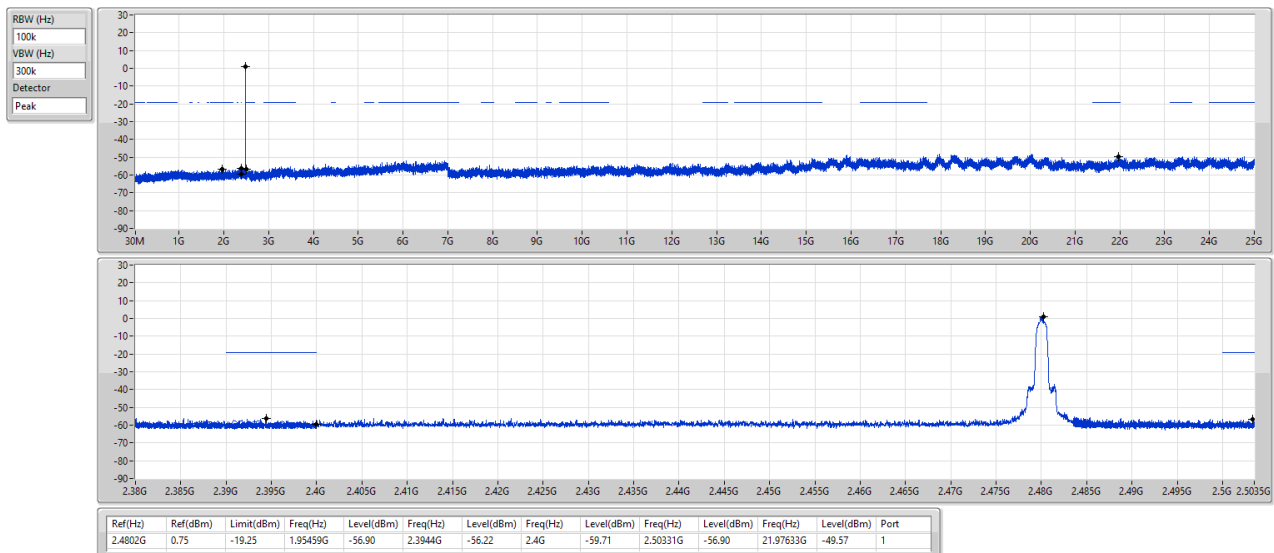
2441MHz



2.4-2.4835GHz_BT-EDR(2Mbps)

CSEndB-FS

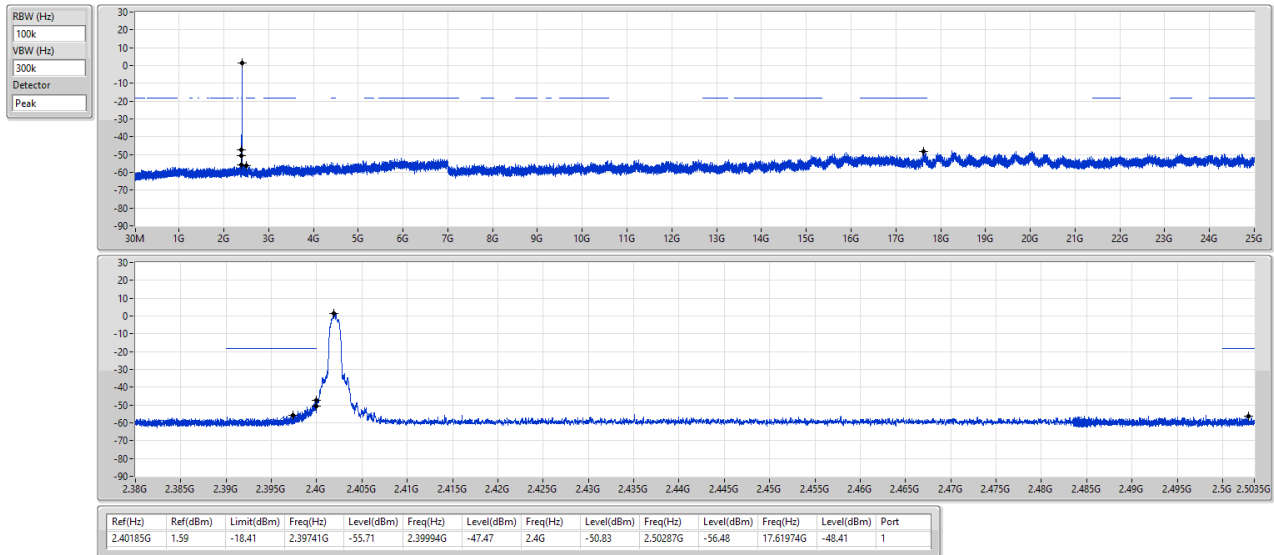
2480MHz



2.4-2.4835GHz_BT-EDR(3Mbps)

CSEndB-FS

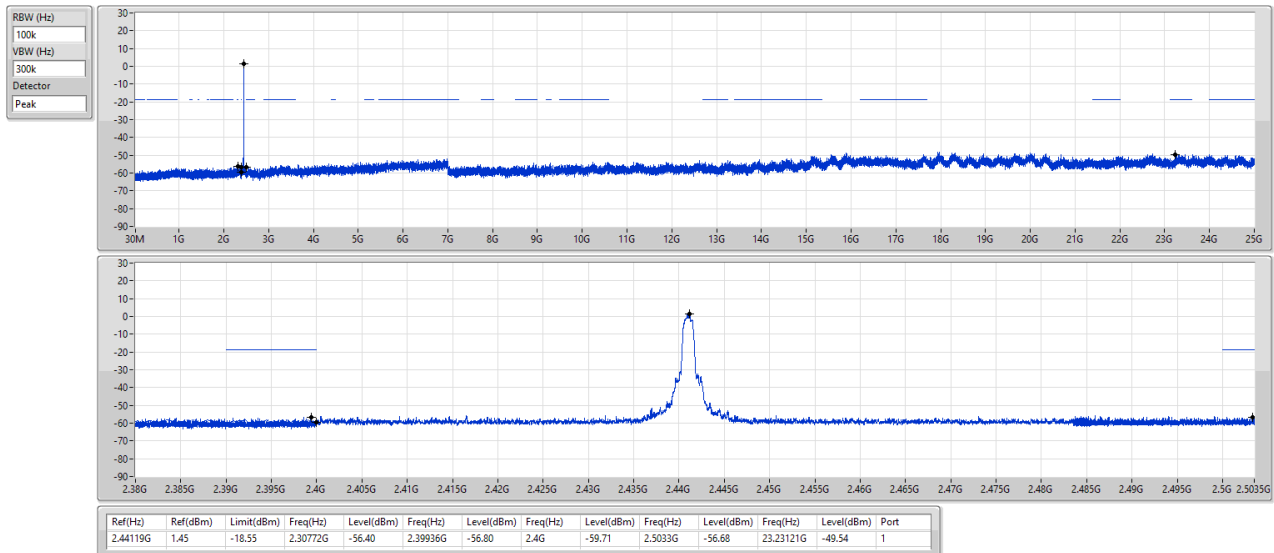
2402MHz



2.4-2.4835GHz_BT-EDR(3Mbps)

CSEndB-FS

2441MHz

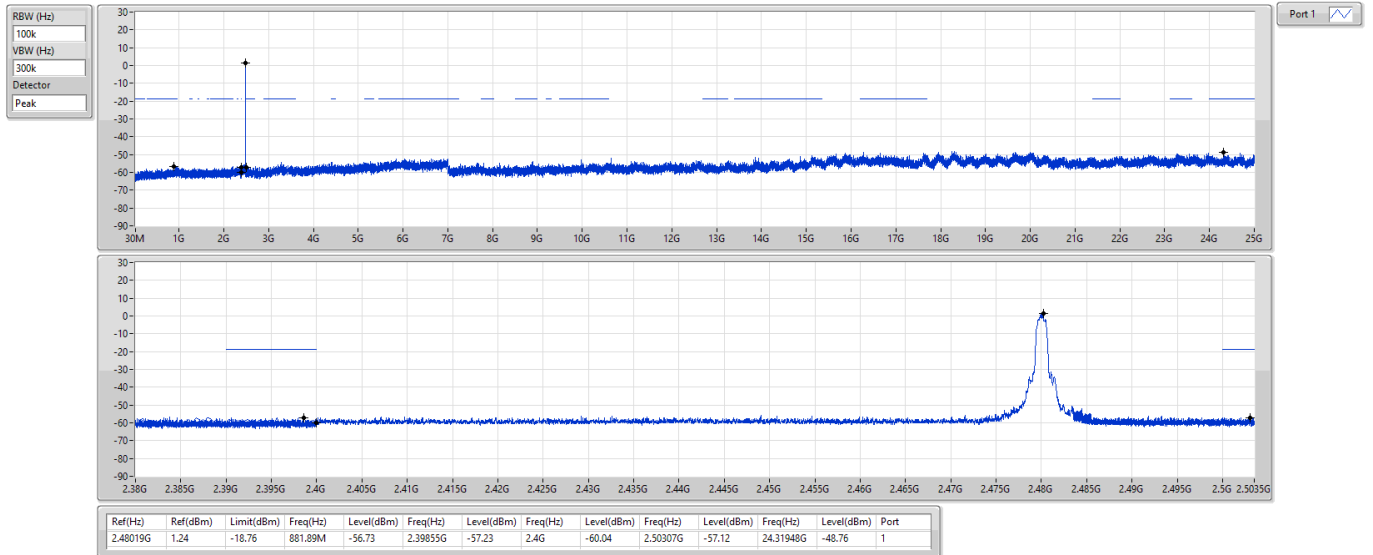




2.4-2.4835GHz_BT-EDR(3Mbps)

CSEndB-FS

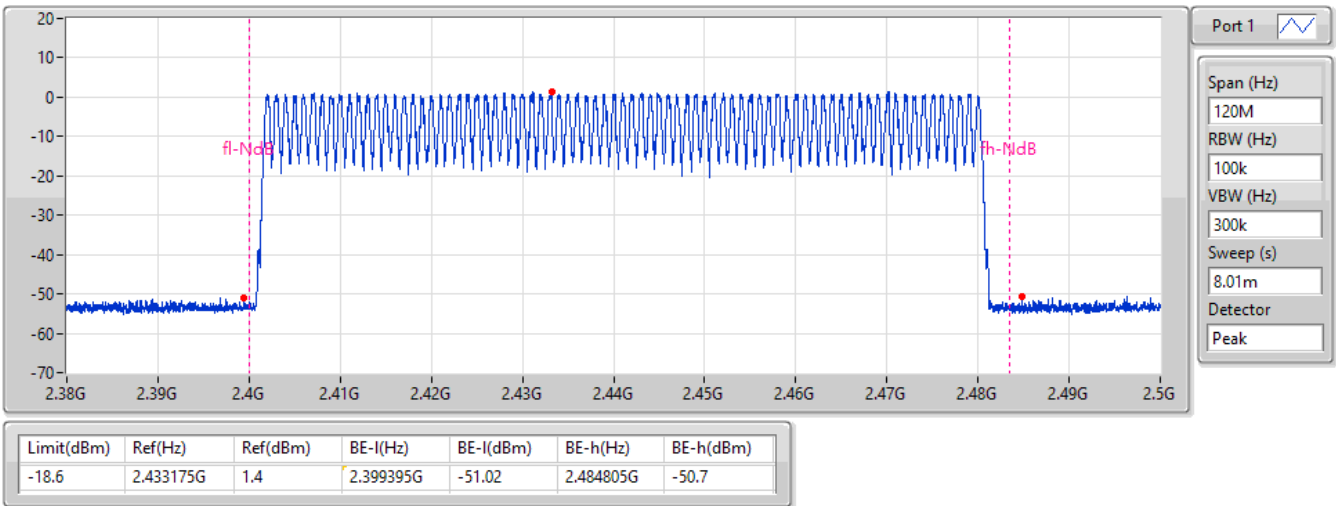
2480MHz



2.4-2.4835GHz_BT-BR(1Mbps)

2402MHz

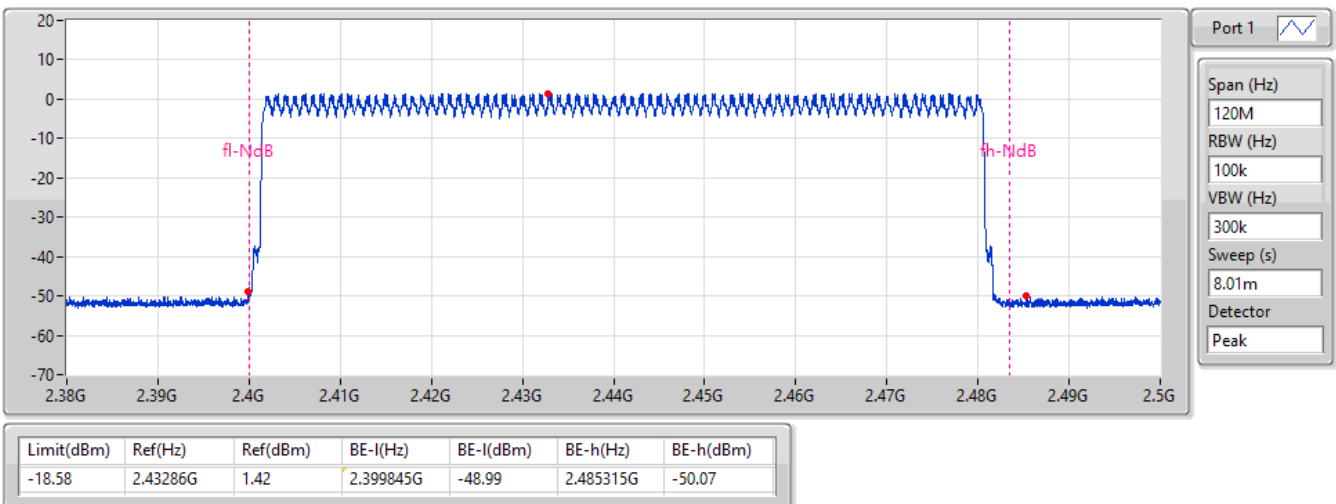
Hopping Ch Bandedge (Non-restricted Band)



2.4-2.4835GHz_BT-EDR(2Mbps)

2402MHz

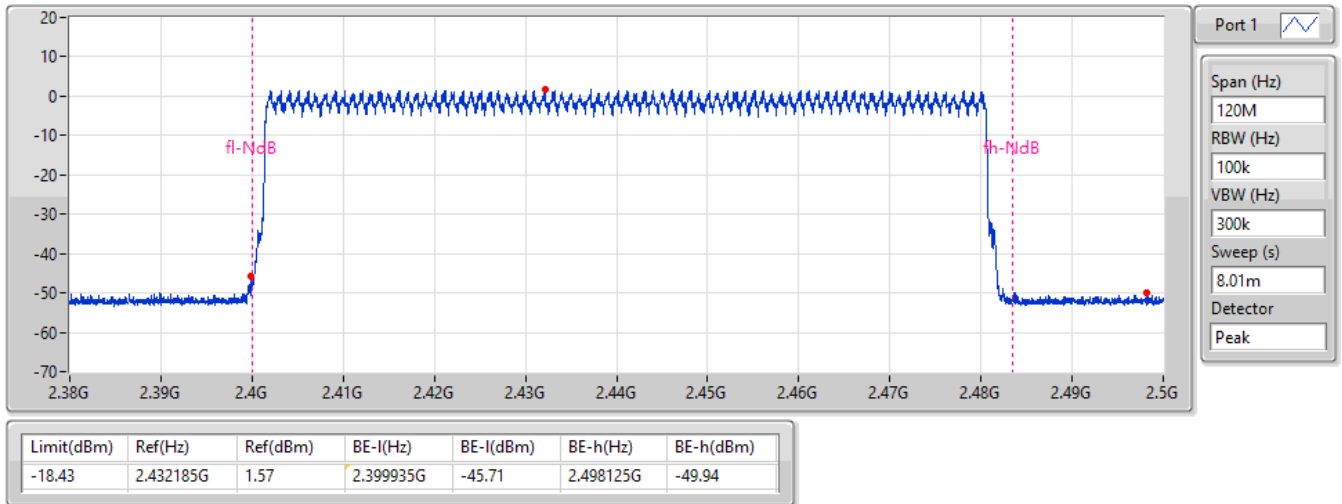
Hopping Ch Bandedge (Non-restricted Band)



2.4-2.4835GHz_BT-EDR(3Mbps)

2402MHz

Hopping Ch Bandedge (Non-restricted Band)



**Configuration 1: Combo chip, model AW611****Summary**

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
BT-BR(1Mbps)	1.29	0.00135
BT-EDR(2Mbps)	4.56	0.00286
BT-EDR(3Mbps)	4.81	0.00303

Result

Mode	Result	Antenna Gain (dBi)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
BT-BR(1Mbps)	-	-	-	-	-	-
2402MHz	Pass	4.80	1.29	21.00	6.09	27.00
2441MHz	Pass	4.80	1.22	21.00	6.02	27.00
2480MHz	Pass	4.80	1.13	21.00	5.93	27.00
BT-EDR(2Mbps)	-	-	-	-	-	-
2402MHz	Pass	4.80	4.56	21.00	9.36	27.00
2441MHz	Pass	4.80	4.51	21.00	9.31	27.00
2480MHz	Pass	4.80	4.43	21.00	9.23	27.00
BT-EDR(3Mbps)	-	-	-	-	-	-
2402MHz	Pass	4.80	4.81	21.00	9.61	27.00
2441MHz	Pass	4.80	4.76	21.00	9.56	27.00
2480MHz	Pass	4.80	4.69	21.00	9.49	27.00

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

**Configuration 1: Combo chip, model AW611****Summary**

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
BT-BR(1Mbps)	1.24	0.00133
BT-EDR(2Mbps)	2.24	0.00167
BT-EDR(3Mbps)	2.25	0.00168

Result

Mode	Result	Antenna Gain (dBi)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
BT-BR(1Mbps)	-	-	-	-	-	-
2402MHz	Pass	4.80	1.24	-	6.04	-
2441MHz	Pass	4.80	1.18	-	5.98	-
2480MHz	Pass	4.80	1.08	-	5.88	-
BT-EDR(2Mbps)	-	-	-	-	-	-
2402MHz	Pass	4.80	2.24	-	7.04	-
2441MHz	Pass	4.80	2.19	-	6.99	-
2480MHz	Pass	4.80	2.11	-	6.91	-
BT-EDR(3Mbps)	-	-	-	-	-	-
2402MHz	Pass	4.80	2.25	-	7.05	-
2441MHz	Pass	4.80	2.20	-	7.00	-
2480MHz	Pass	4.80	2.12	-	6.92	-

Note: Average power is for reference only

**Configuration 2: Chip 1, model AW300****Summary**

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
BT-BR(1Mbps)	1.96	0.00157
BT-EDR(2Mbps)	4.05	0.00254
BT-EDR(3Mbps)	4.31	0.00270

Result

Mode	Result	Antenna Gain (dBi)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
BT-BR(1Mbps)	-	-	-	-	-	-
2402MHz	Pass	4.95	1.96	21.00	6.91	27.00
2441MHz	Pass	4.95	1.95	21.00	6.90	27.00
2480MHz	Pass	4.95	1.89	21.00	6.84	27.00
BT-EDR(2Mbps)	-	-	-	-	-	-
2402MHz	Pass	4.95	4.05	21.00	9.00	27.00
2441MHz	Pass	4.95	3.97	21.00	8.92	27.00
2480MHz	Pass	4.95	3.82	21.00	8.77	27.00
BT-EDR(3Mbps)	-	-	-	-	-	-
2402MHz	Pass	4.95	4.31	21.00	9.26	27.00
2441MHz	Pass	4.95	4.24	21.00	9.19	27.00
2480MHz	Pass	4.95	4.09	21.00	9.04	27.00

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

Configuration 2: Chip 1, model AW300
Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
BT-BR(1Mbps)	1.89	0.00155
BT-EDR(2Mbps)	1.65	0.00146
BT-EDR(3Mbps)	1.66	0.00147

Result

Mode	Result	Antenna Gain (dBi)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
BT-BR(1Mbps)	-	-	-	-	-	-
2402MHz	Pass	4.95	1.89	-	6.84	-
2441MHz	Pass	4.95	1.88	-	6.83	-
2480MHz	Pass	4.95	1.83	-	6.78	-
BT-EDR(2Mbps)	-	-	-	-	-	-
2402MHz	Pass	4.95	1.65	-	6.60	-
2441MHz	Pass	4.95	1.59	-	6.54	-
2480MHz	Pass	4.95	1.47	-	6.42	-
BT-EDR(3Mbps)	-	-	-	-	-	-
2402MHz	Pass	4.95	1.66	-	6.61	-
2441MHz	Pass	4.95	1.59	-	6.54	-
2480MHz	Pass	4.95	1.48	-	6.43	-

Note: Average power is for reference only

**Configuration 3: Chip 2, model AW300****Summary**

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
BT-BR(1Mbps)	1.95	0.00157
BT-EDR(2Mbps)	4.11	0.00258
BT-EDR(3Mbps)	4.37	0.00274

Result

Mode	Result	Antenna Gain (dBi)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
BT-BR(1Mbps)	-	-	-	-	-	-
2402MHz	Pass	1.29	1.95	21.00	3.24	27.00
2441MHz	Pass	1.29	1.82	21.00	3.11	27.00
2480MHz	Pass	1.29	1.60	21.00	2.89	27.00
BT-EDR(2Mbps)	-	-	-	-	-	-
2402MHz	Pass	1.29	4.11	21.00	5.40	27.00
2441MHz	Pass	1.29	3.93	21.00	5.22	27.00
2480MHz	Pass	1.29	3.67	21.00	4.96	27.00
BT-EDR(3Mbps)	-	-	-	-	-	-
2402MHz	Pass	1.29	4.37	21.00	5.66	27.00
2441MHz	Pass	1.29	4.21	21.00	5.50	27.00
2480MHz	Pass	1.29	3.94	21.00	5.23	27.00

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

Configuration 3: Chip 2, model AW300
Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
BT-BR(1Mbps)	1.88	0.00154
BT-EDR(2Mbps)	1.69	0.00148
BT-EDR(3Mbps)	1.69	0.00148

Result

Mode	Result	Antenna Gain (dBi)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
BT-BR(1Mbps)	-	-	-	-	-	-
2402MHz	Pass	1.29	1.88	-	3.17	-
2441MHz	Pass	1.29	1.76	-	3.05	-
2480MHz	Pass	1.29	1.53	-	2.82	-
BT-EDR(2Mbps)	-	-	-	-	-	-
2402MHz	Pass	1.29	1.69	-	2.98	-
2441MHz	Pass	1.29	1.51	-	2.80	-
2480MHz	Pass	1.29	1.27	-	2.56	-
BT-EDR(3Mbps)	-	-	-	-	-	-
2402MHz	Pass	1.29	1.69	-	2.98	-
2441MHz	Pass	1.29	1.52	-	2.81	-
2480MHz	Pass	1.29	1.28	-	2.57	-

Note: Average power is for reference only

**Configuration 1: Combo chip, model AW611****Summary**

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

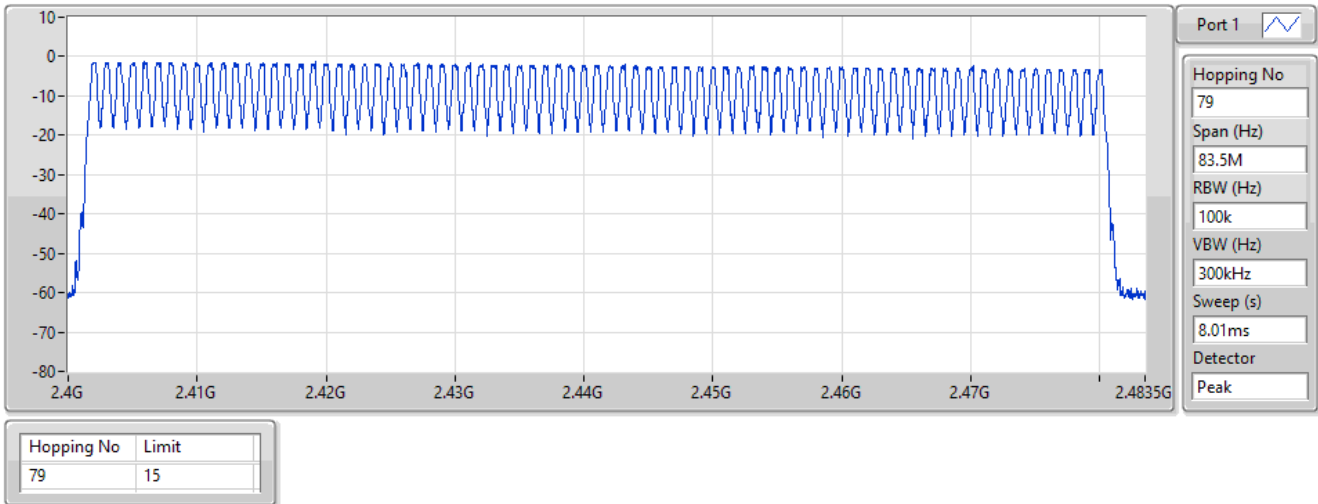
Result

Mode	Result	Hopping No	Limit
BT-BR(1Mbps)	-	-	-
2402MHz	Pass	79	15
BT-EDR(2Mbps)	-	-	-
2402MHz	Pass	79	15
BT-EDR(3Mbps)	-	-	-
2402MHz	Pass	79	15

2.4-2.4835GHz_BT-BR(1Mbps)

Hopping-FS

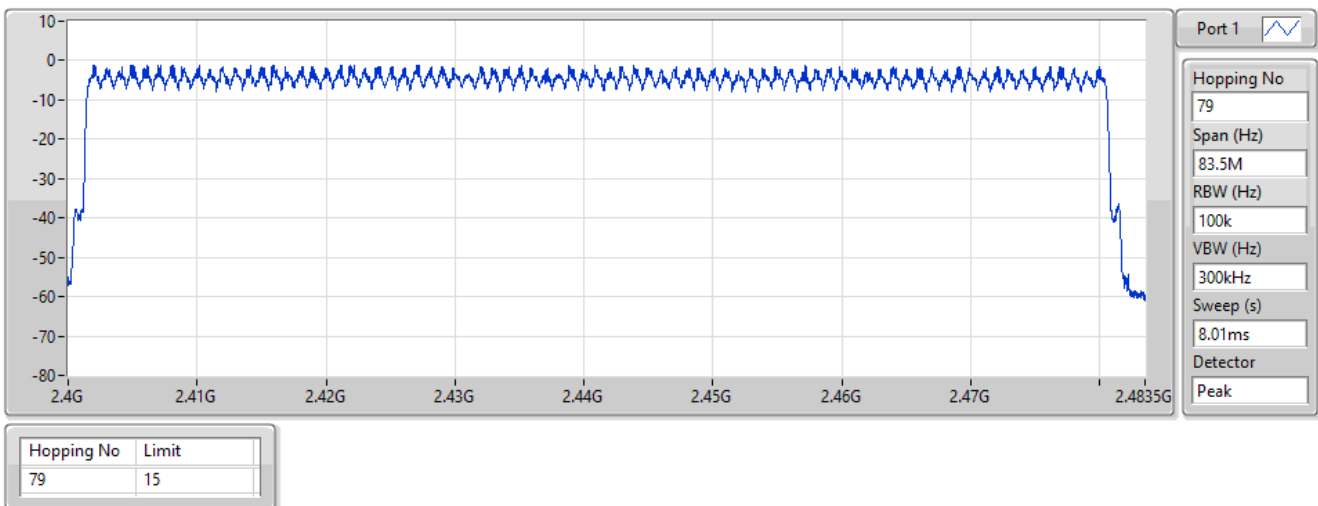
2402MHz



2.4-2.4835GHz_BT-EDR(2Mbps)

Hopping-FS

2402MHz

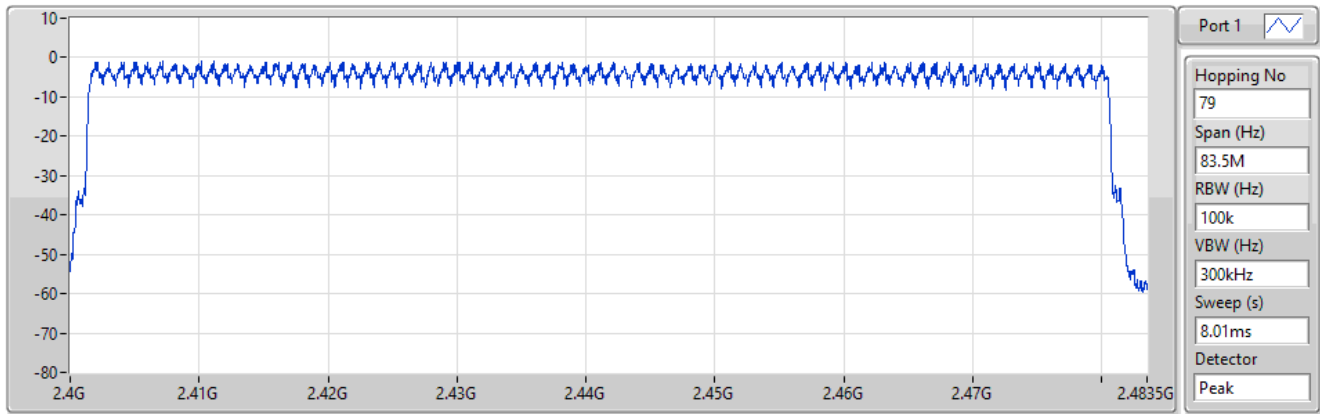




2.4-2.4835GHz_BT-EDR(3Mbps)

Hopping-FS

2402MHz



Hopping No	Limit
79	15

**Configuration 2: Chip 1, model AW300****Summary**

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

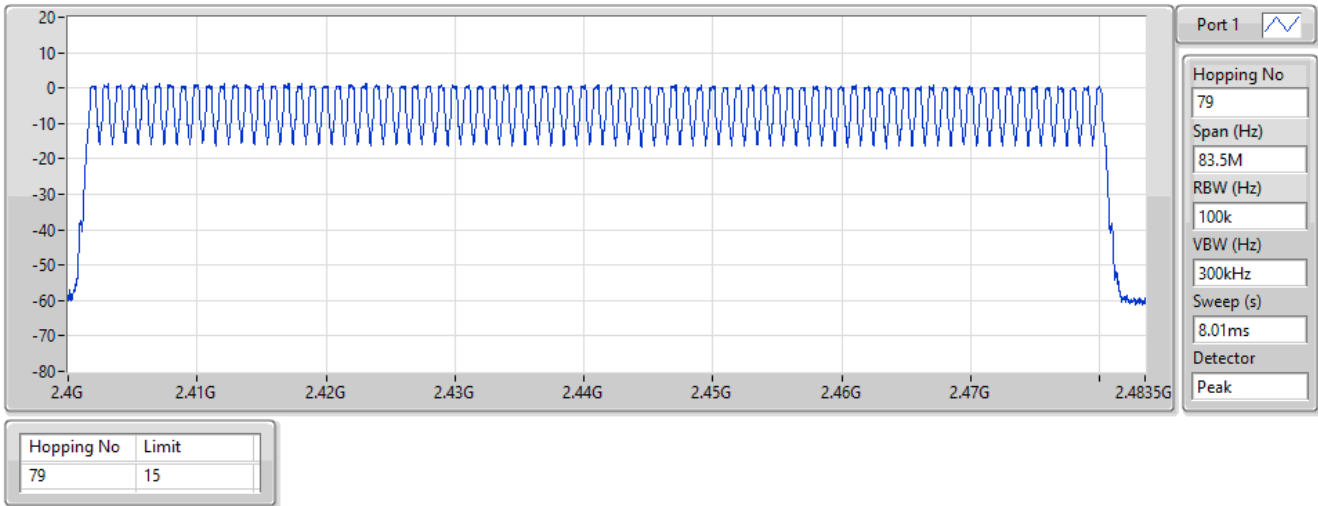
Result

Mode	Result	Hopping No	Limit
BT-BR(1Mbps)	-	-	-
2402MHz	Pass	79	15
BT-EDR(2Mbps)	-	-	-
2402MHz	Pass	79	15
BT-EDR(3Mbps)	-	-	-
2402MHz	Pass	79	15

2.4-2.4835GHz_BT-BR(1Mbps)

Hopping-FS

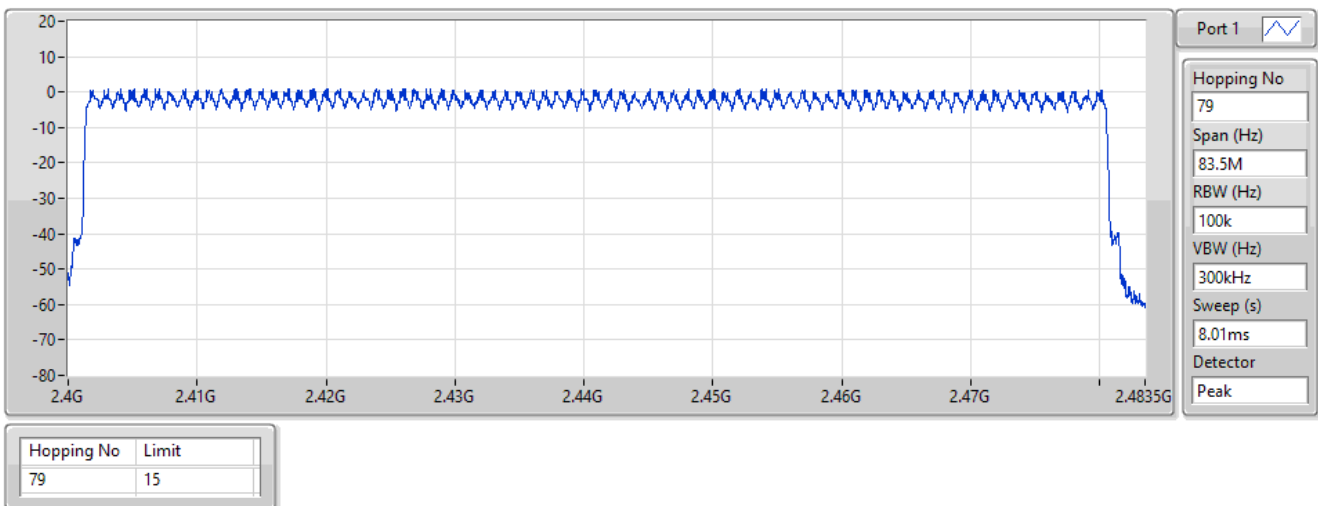
2402MHz



2.4-2.4835GHz_BT-EDR(2Mbps)

Hopping-FS

2402MHz

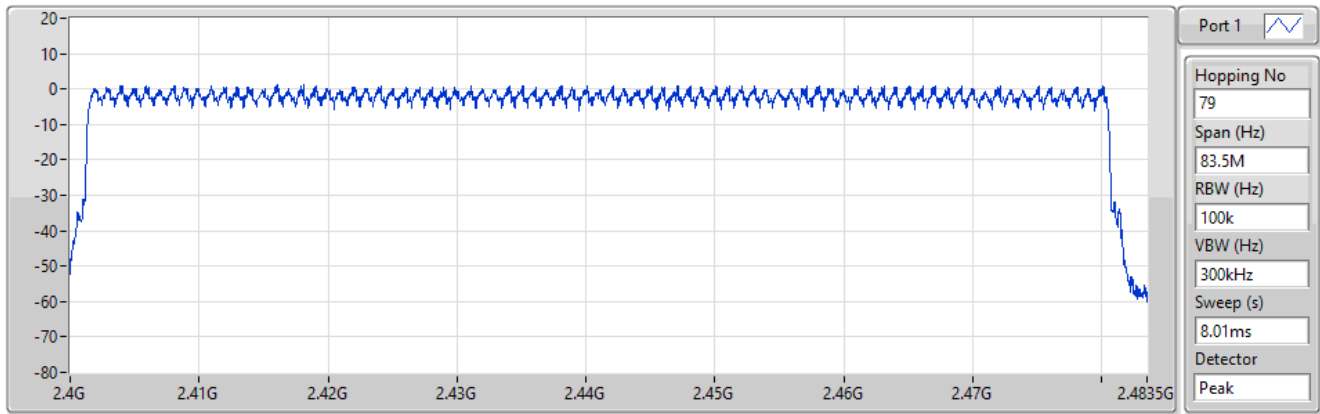




2.4-2.4835GHz_BT-EDR(3Mbps)

Hopping-FS

2402MHz



Hopping No	Limit
79	15

**Configuration 3: Chip 2, model AW300****Summary**

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

Result

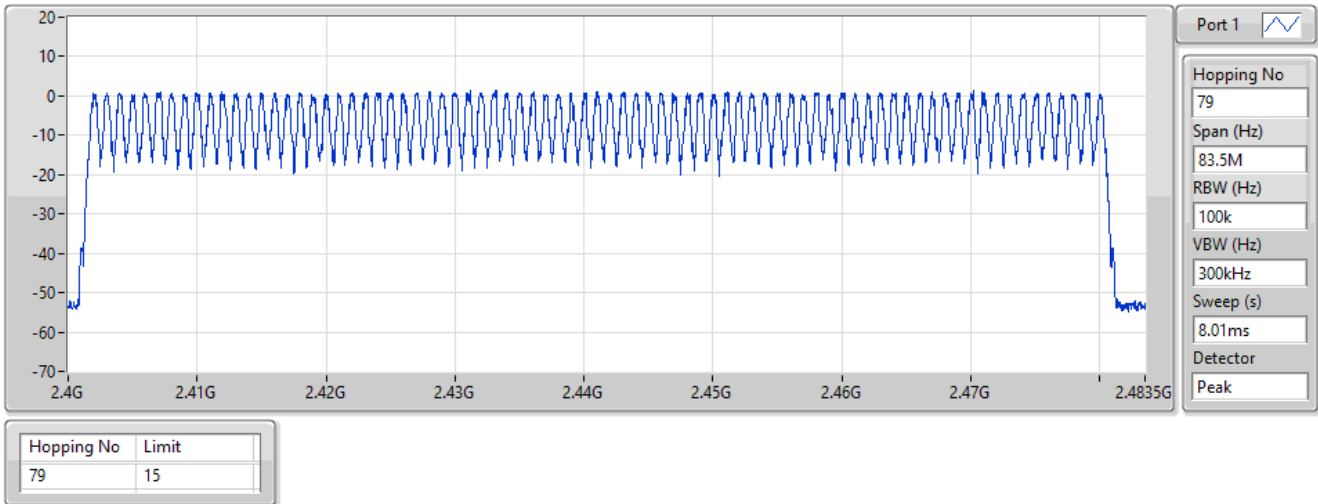
Mode	Result	Hopping No	Limit
BT-BR(1Mbps)	-	-	-
2402MHz	Pass	79	15
BT-EDR(2Mbps)	-	-	-
2402MHz	Pass	79	15
BT-EDR(3Mbps)	-	-	-
2402MHz	Pass	79	15



2.4-2.4835GHz_BT-BR(1Mbps)

Hopping-FS

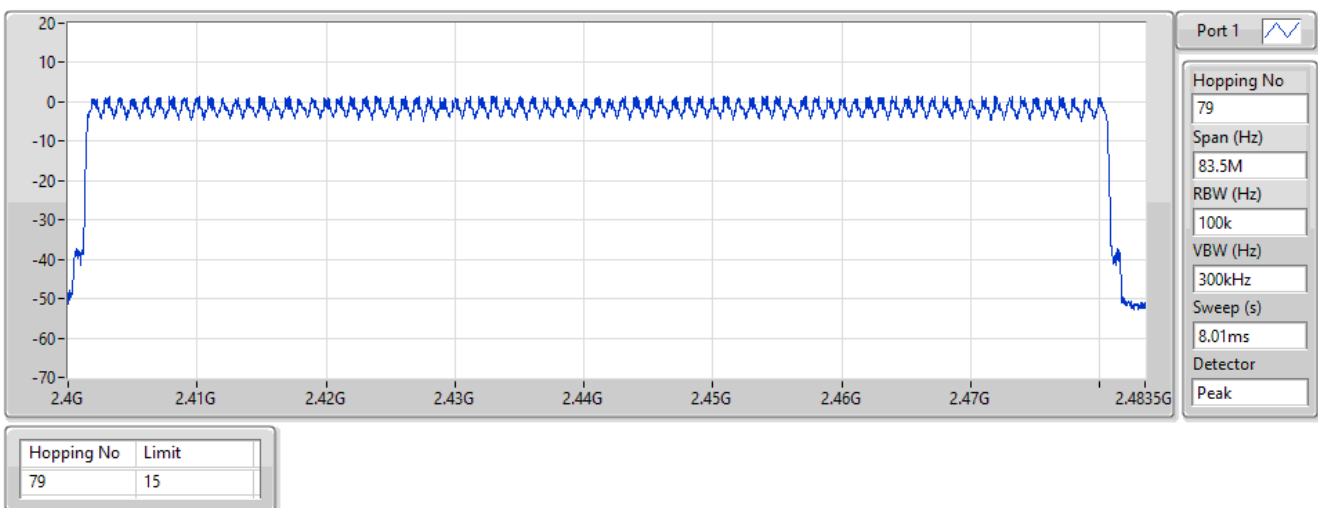
2402MHz



2.4-2.4835GHz_BT-EDR(2Mbps)

Hopping-FS

2402MHz

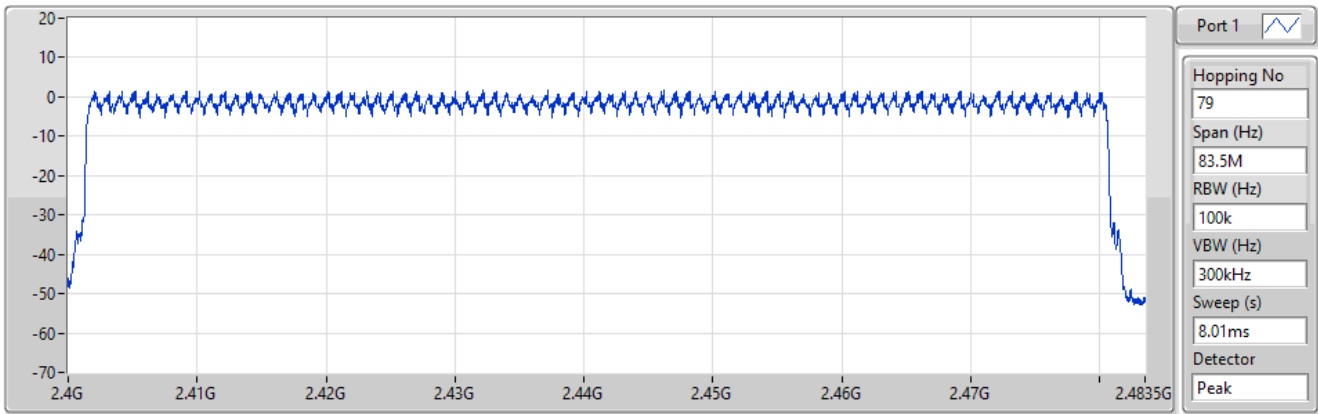




2.4-2.4835GHz_BT-EDR(3Mbps)

Hopping-FS

2402MHz



Hopping No	Limit
79	15

Configuration 1: Combo chip, model AW611
Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
BT-BR(1Mbps)	921.25k	868.339k	868KF1D	921.25k	866.532k
BT-EDR(2Mbps)	1.317M	1.173M	1M17G1D	1.317M	1.172M
BT-EDR(3Mbps)	1.29M	1.181M	1M18G1D	1.29M	1.178M

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

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

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
BT-BR(1Mbps)	-	-	-	-
2402MHz	Pass	Inf	921.25k	867.352k
2441MHz	Pass	Inf	921.25k	868.339k
2480MHz	Pass	Inf	921.25k	866.532k
BT-EDR(2Mbps)	-	-	-	-
2402MHz	Pass	Inf	1.317M	1.173M
2441MHz	Pass	Inf	1.317M	1.172M
2480MHz	Pass	Inf	1.317M	1.173M
BT-EDR(3Mbps)	-	-	-	-
2402MHz	Pass	Inf	1.29M	1.179M
2441MHz	Pass	Inf	1.29M	1.178M
2480MHz	Pass	Inf	1.29M	1.181M

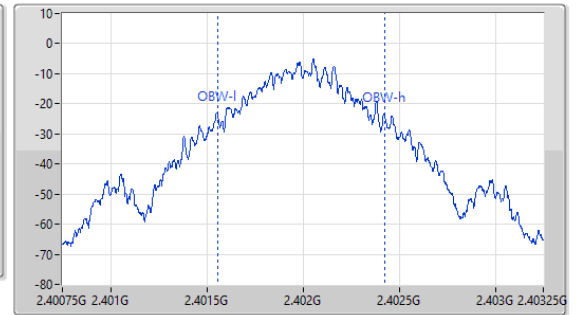
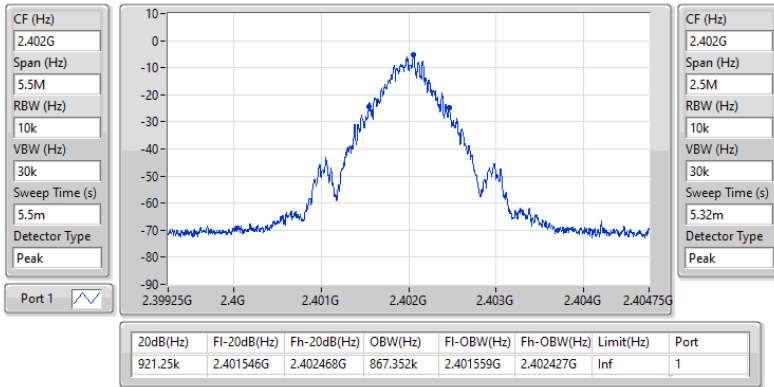
Port X-N dB = Port X 20dB down bandwidth;

Port X-OBW = Port X 99% occupied bandwidth

2.4-2.4835GHz_BT-BR(1Mbps)

EBW-FS

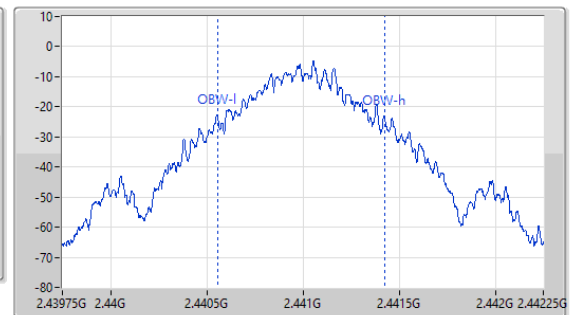
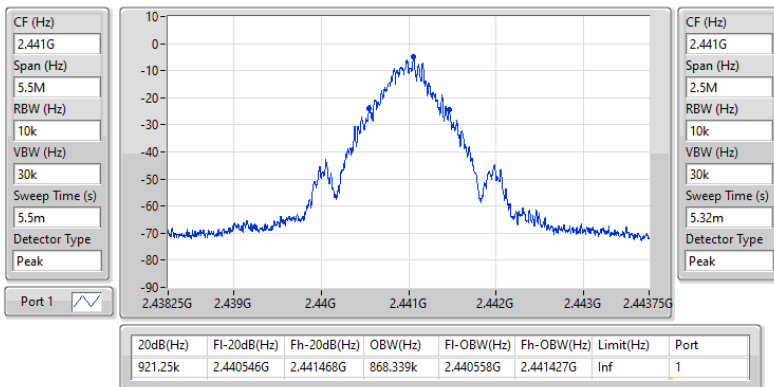
2402MHz



2.4-2.4835GHz_BT-BR(1Mbps)

EBW-FS

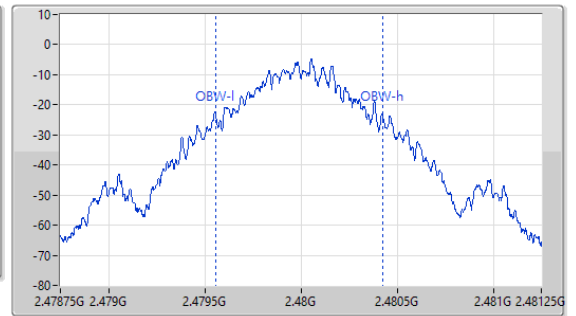
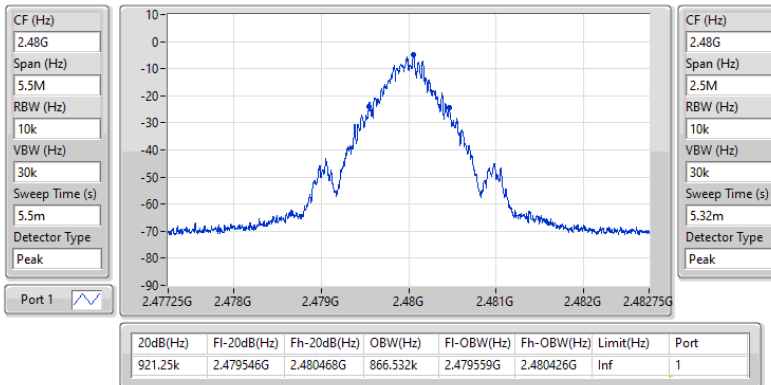
2441MHz



2.4-2.4835GHz_BT-BR(1Mbps)

EBW-FS

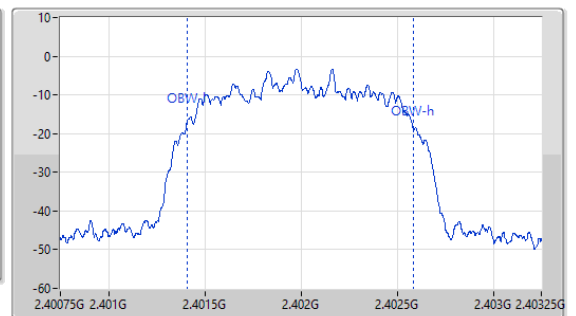
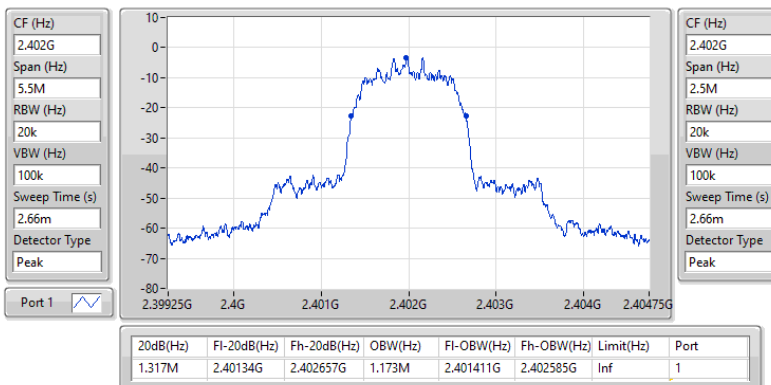
2480MHz



2.4-2.4835GHz_BT-EDR(2Mbps)

EBW-FS

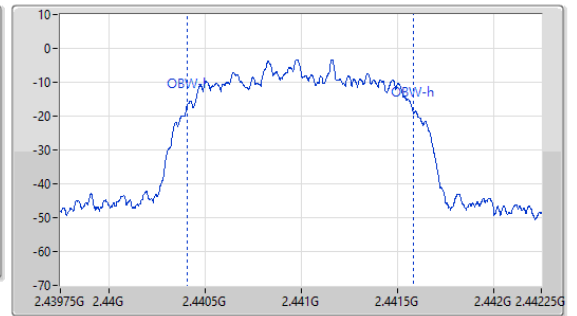
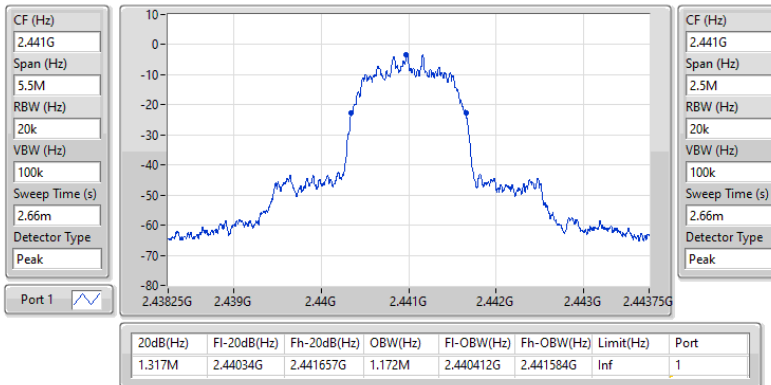
2402MHz



2.4-2.4835GHz_BT-EDR(2Mbps)

EBW-FS

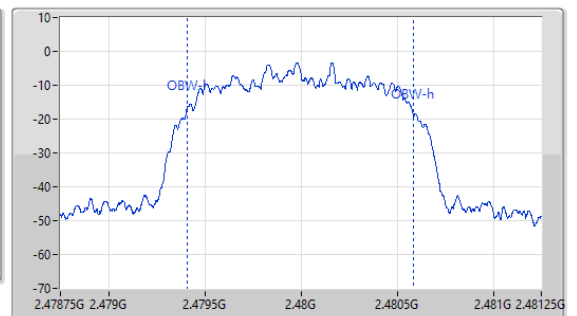
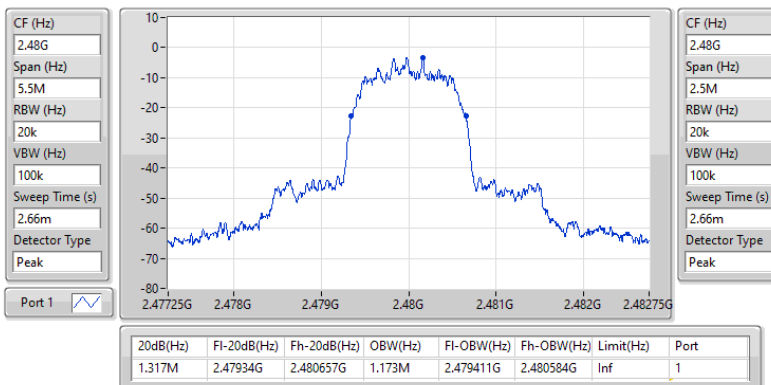
2441MHz



2.4-2.4835GHz_BT-EDR(2Mbps)

EBW-FS

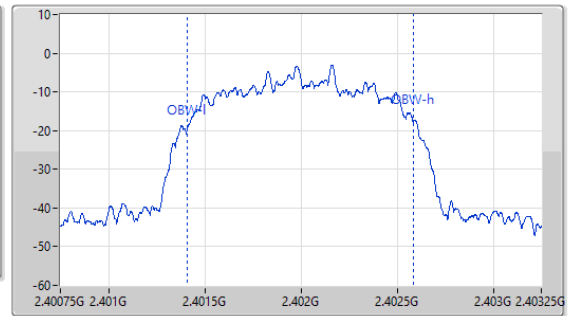
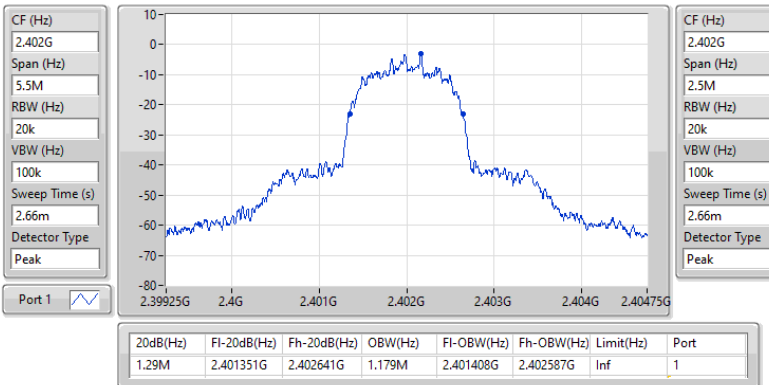
2480MHz



2.4-2.4835GHz_BT-EDR(3Mbps)

EBW-FS

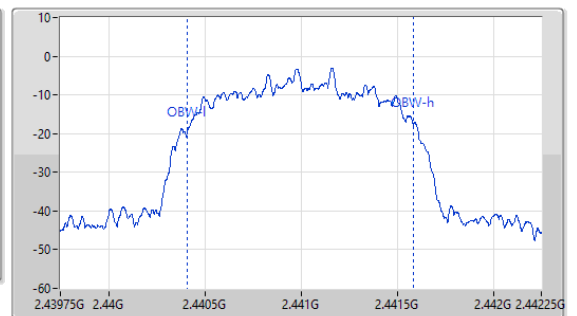
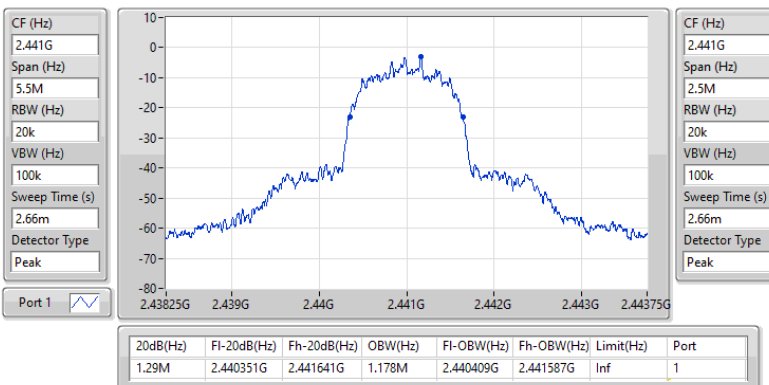
2402MHz



2.4-2.4835GHz_BT-EDR(3Mbps)

EBW-FS

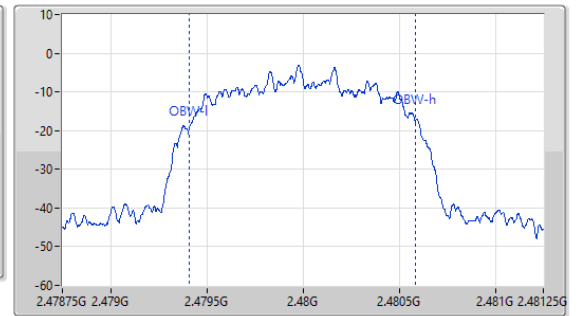
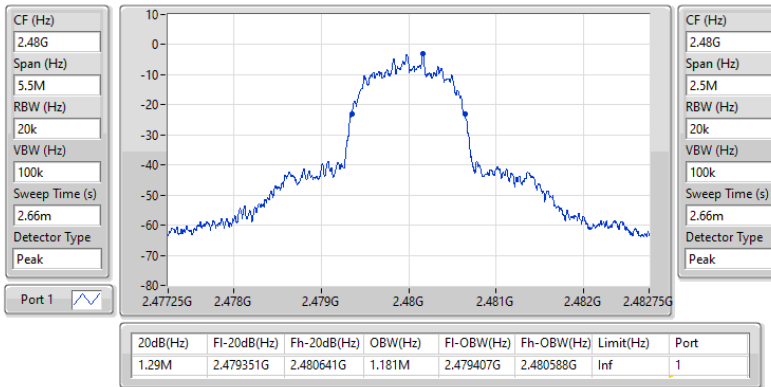
2441MHz



2.4-2.4835GHz_BT-EDR(3Mbps)

EBW-FS

2480MHz



Configuration 2: Chip 1, model AW300
Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
BT-BR(1Mbps)	921.25k	867.893k	868KF1D	921.25k	866.675k
BT-EDR(2Mbps)	1.32M	1.179M	1M18G1D	1.317M	1.171M
BT-EDR(3Mbps)	1.284M	1.177M	1M18G1D	1.284M	1.175M

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

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

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
BT-BR(1Mbps)	-	-	-	-
2402MHz	Pass	Inf	921.25k	867.893k
2441MHz	Pass	Inf	921.25k	867.617k
2480MHz	Pass	Inf	921.25k	866.675k
BT-EDR(2Mbps)	-	-	-	-
2402MHz	Pass	Inf	1.317M	1.172M
2441MHz	Pass	Inf	1.317M	1.171M
2480MHz	Pass	Inf	1.32M	1.179M
BT-EDR(3Mbps)	-	-	-	-
2402MHz	Pass	Inf	1.284M	1.175M
2441MHz	Pass	Inf	1.284M	1.176M
2480MHz	Pass	Inf	1.284M	1.177M

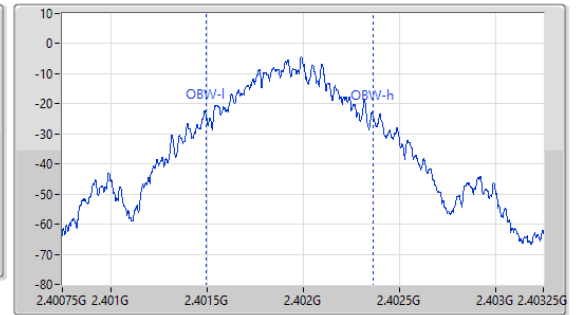
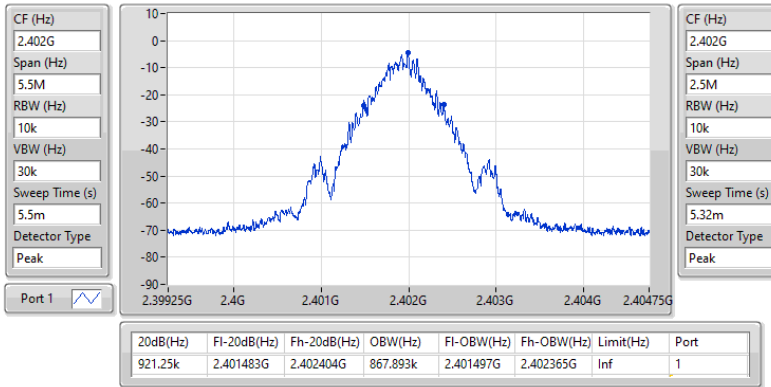
Port X-N dB = Port X 20dB down bandwidth;

Port X-OBW = Port X 99% occupied bandwidth

2.4-2.4835GHz_BT-BR(1Mbps)

EBW-FS

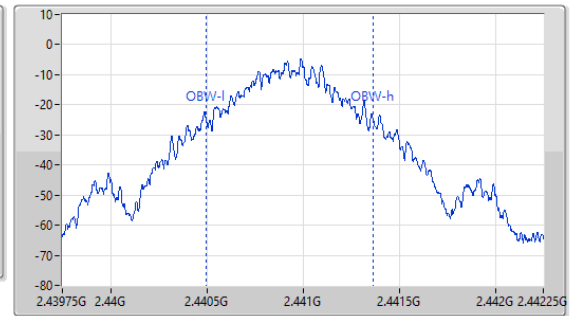
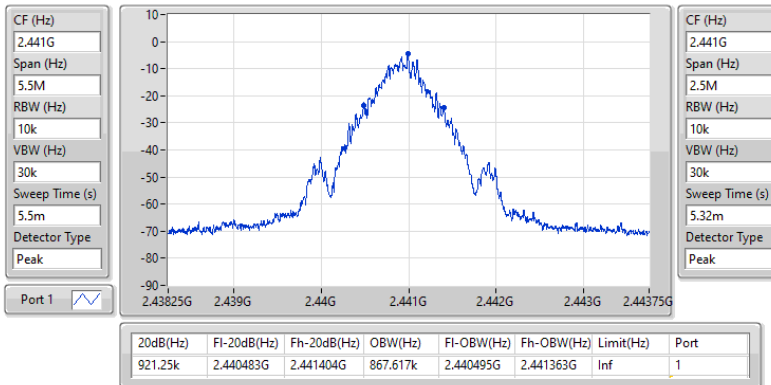
2402MHz



2.4-2.4835GHz_BT-BR(1Mbps)

EBW-FS

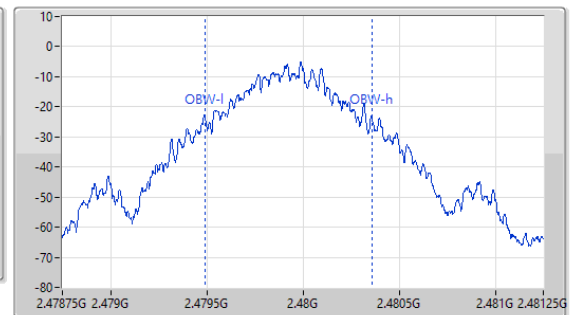
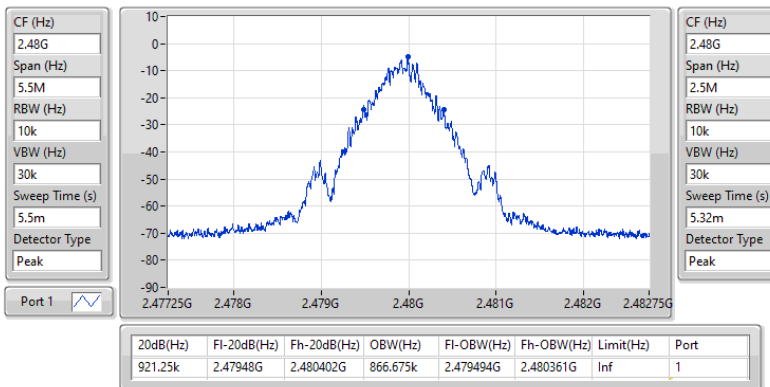
2441MHz



2.4-2.4835GHz_BT-BR(1Mbps)

EBW-FS

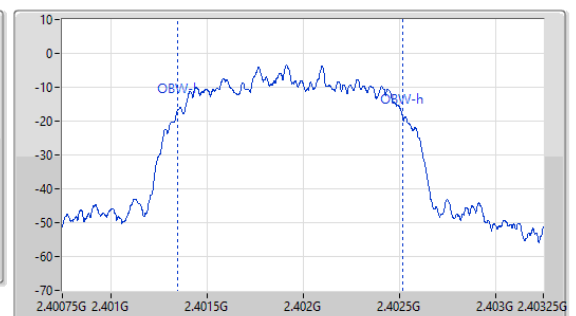
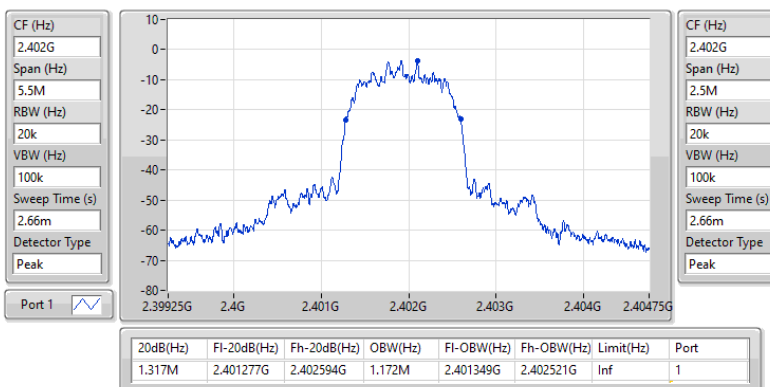
2480MHz



2.4-2.4835GHz_BT-EDR(2Mbps)

EBW-FS

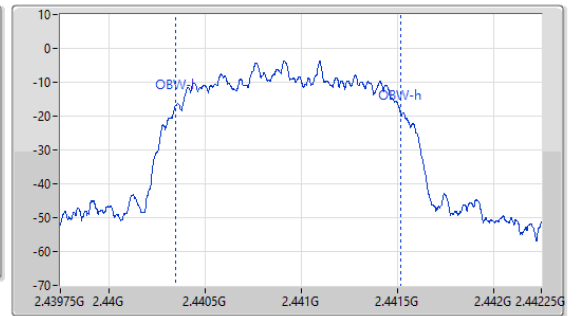
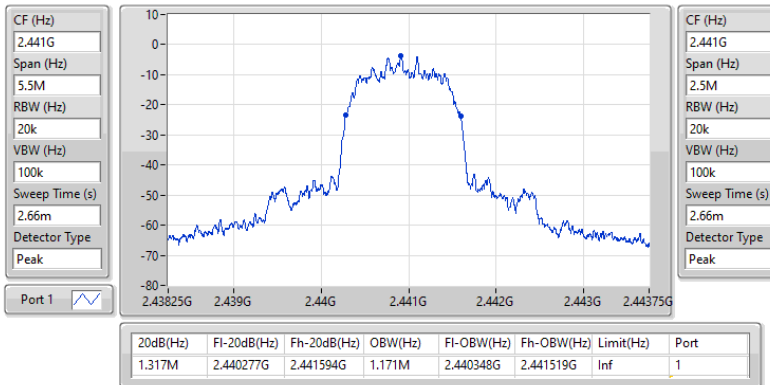
2402MHz



2.4-2.4835GHz_BT-EDR(2Mbps)

EBW-FS

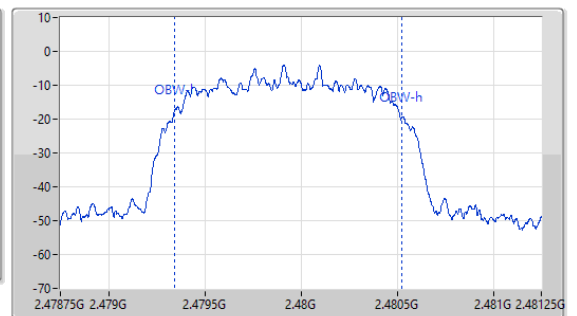
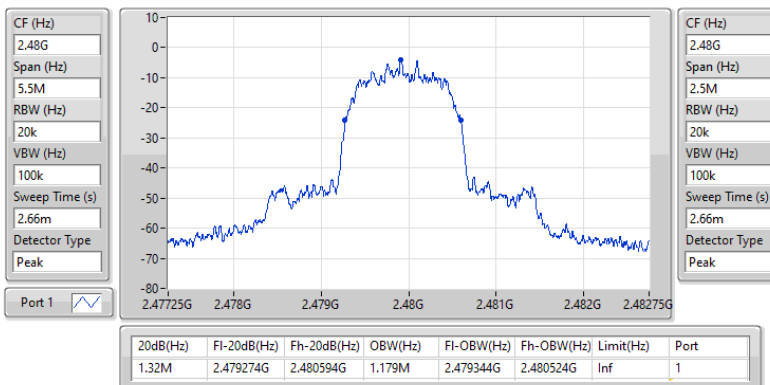
2441MHz



2.4-2.4835GHz_BT-EDR(2Mbps)

EBW-FS

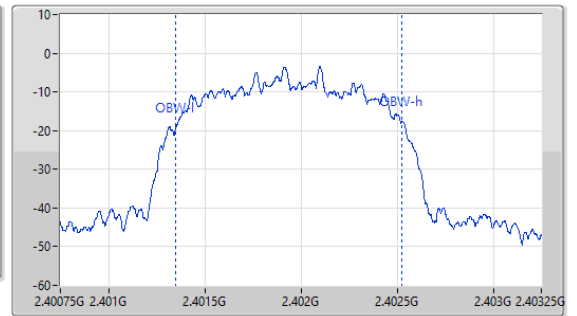
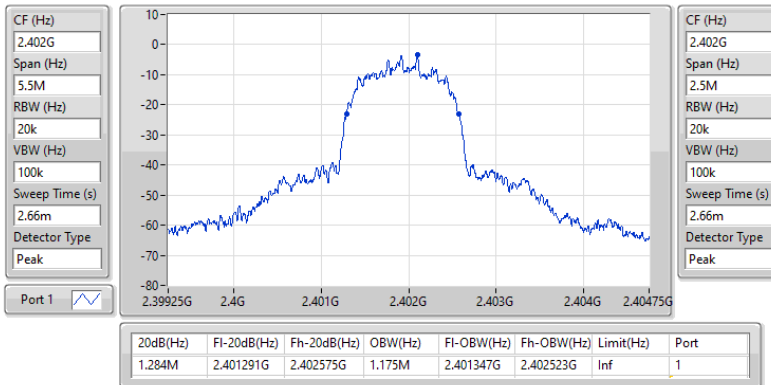
2480MHz



2.4-2.4835GHz_BT-EDR(3Mbps)

EBW-FS

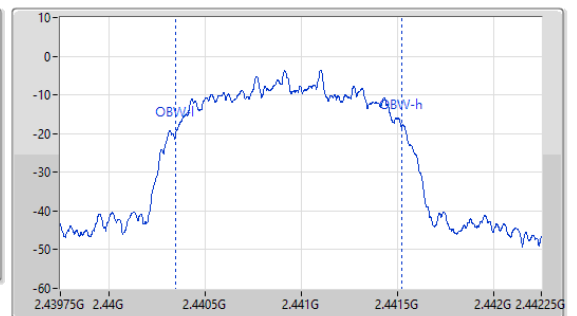
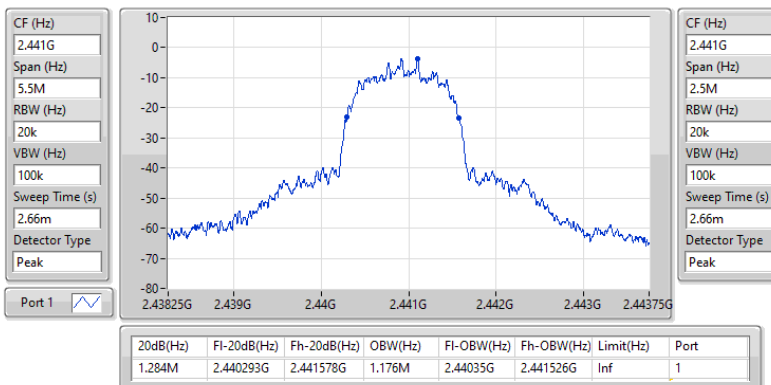
2402MHz



2.4-2.4835GHz_BT-EDR(3Mbps)

EBW-FS

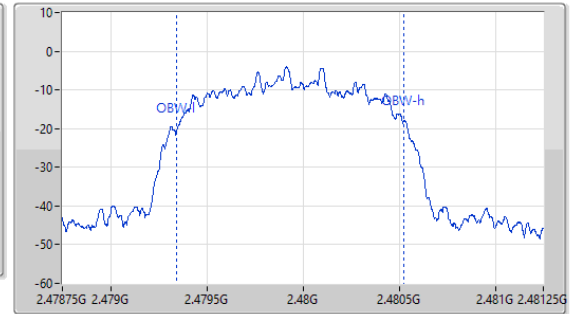
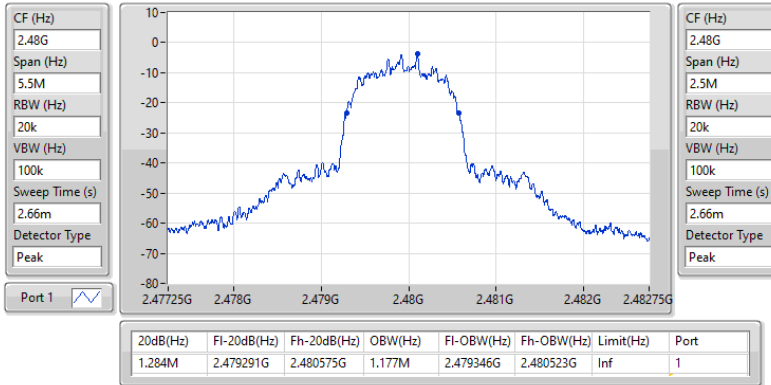
2441MHz



2.4-2.4835GHz_BT-EDR(3Mbps)

EBW-FS

2480MHz



Configuration 3: Chip 2, model AW300
Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
BT-BR(1Mbps)	921.25k	869.565k	870KF1D	921.25k	868.316k
BT-EDR(2Mbps)	1.317M	1.172M	1M17G1D	1.317M	1.171M
BT-EDR(3Mbps)	1.287M	1.177M	1M18G1D	1.257M	1.168M

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

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

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
BT-BR(1Mbps)	-	-	-	-
2402MHz	Pass	Inf	921.25k	869.565k
2441MHz	Pass	Inf	921.25k	868.316k
2480MHz	Pass	Inf	921.25k	868.316k
BT-EDR(2Mbps)	-	-	-	-
2402MHz	Pass	Inf	1.317M	1.171M
2441MHz	Pass	Inf	1.317M	1.172M
2480MHz	Pass	Inf	1.317M	1.172M
BT-EDR(3Mbps)	-	-	-	-
2402MHz	Pass	Inf	1.257M	1.168M
2441MHz	Pass	Inf	1.287M	1.177M
2480MHz	Pass	Inf	1.284M	1.176M

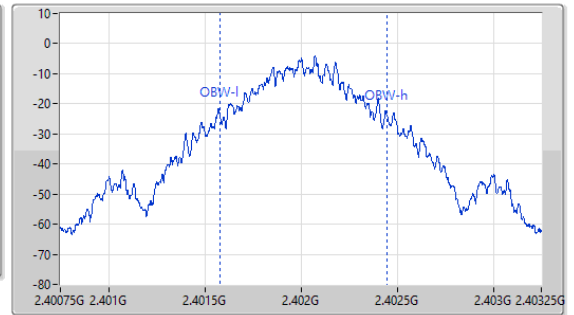
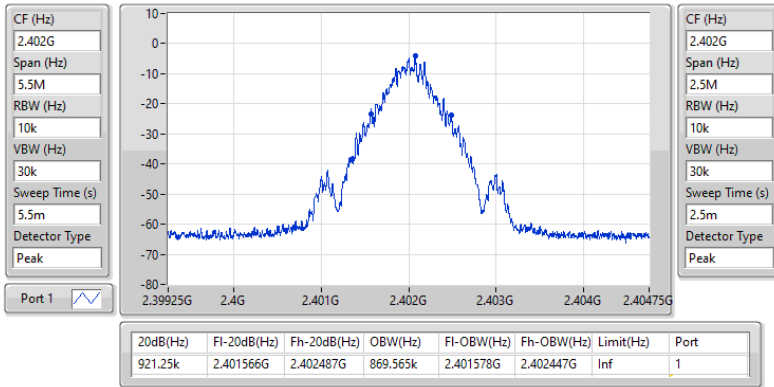
Port X-N dB = Port X 20dB down bandwidth;

Port X-OBW = Port X 99% occupied bandwidth

2.4-2.4835GHz_BT-BR(1Mbps)

EBW-FS

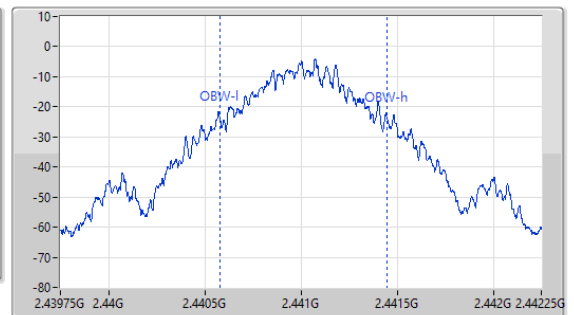
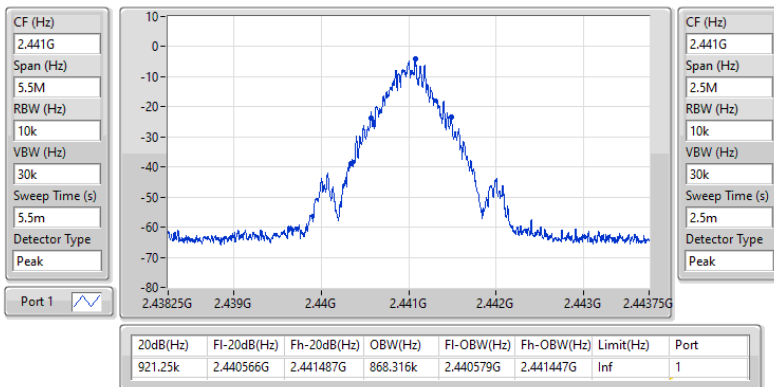
2402MHz



2.4-2.4835GHz_BT-BR(1Mbps)

EBW-FS

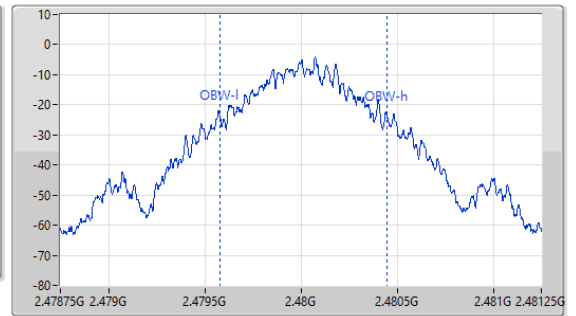
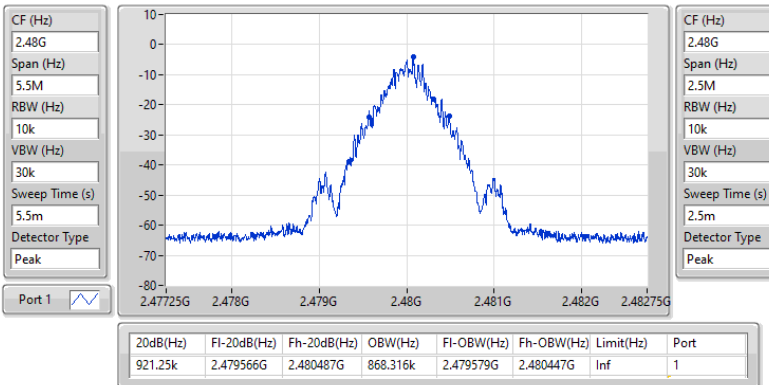
2441MHz



2.4-2.4835GHz_BT-BR(1Mbps)

EBW-FS

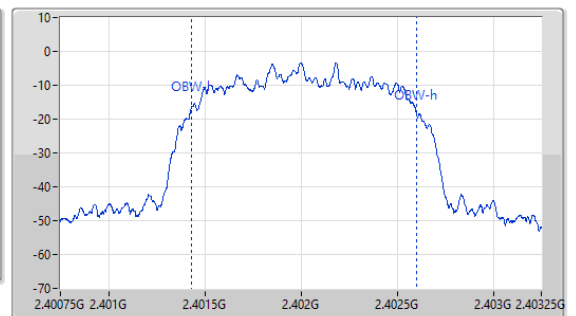
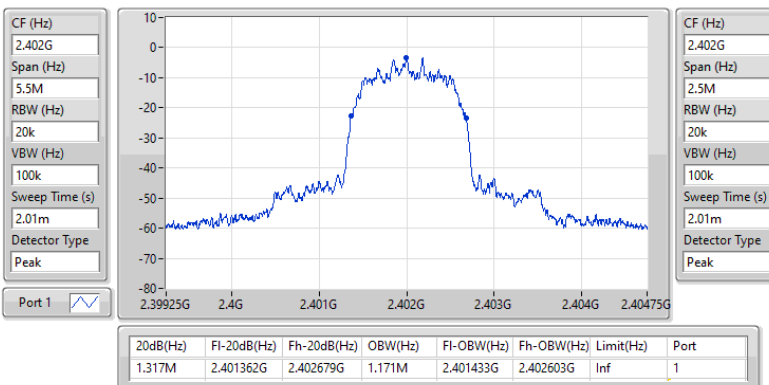
2480MHz



2.4-2.4835GHz_BT-EDR(2Mbps)

EBW-FS

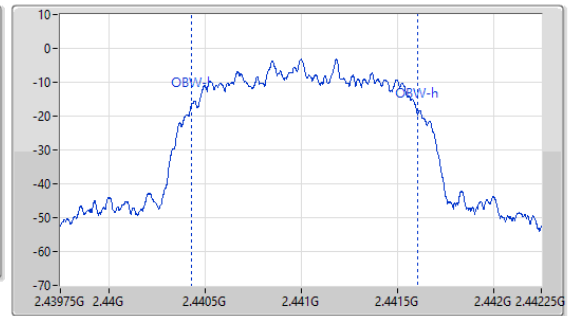
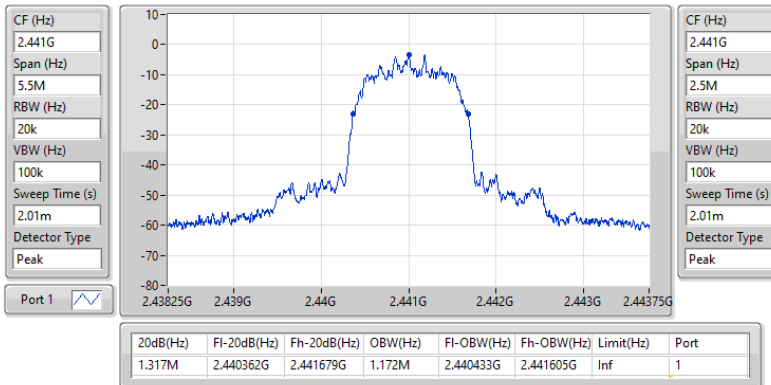
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2.4-2.4835GHz_BT-EDR(2Mbps)

EBW-FS

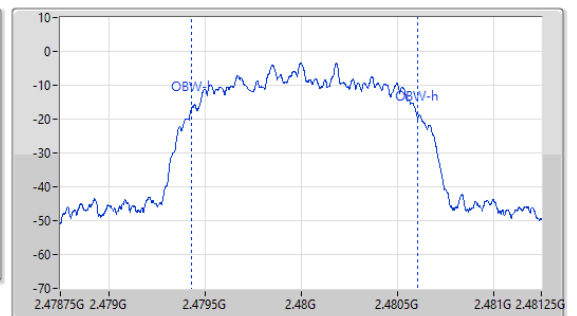
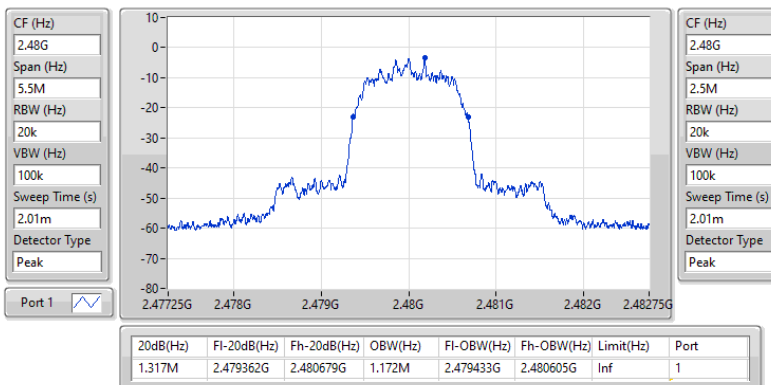
2441MHz



2.4-2.4835GHz_BT-EDR(2Mbps)

EBW-FS

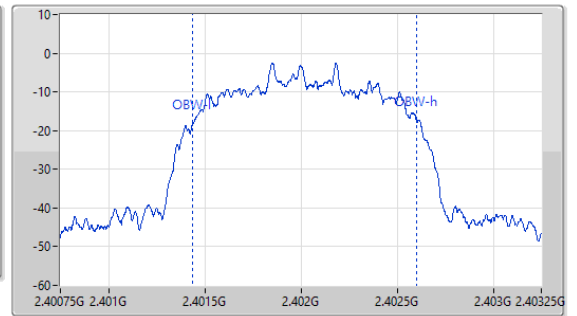
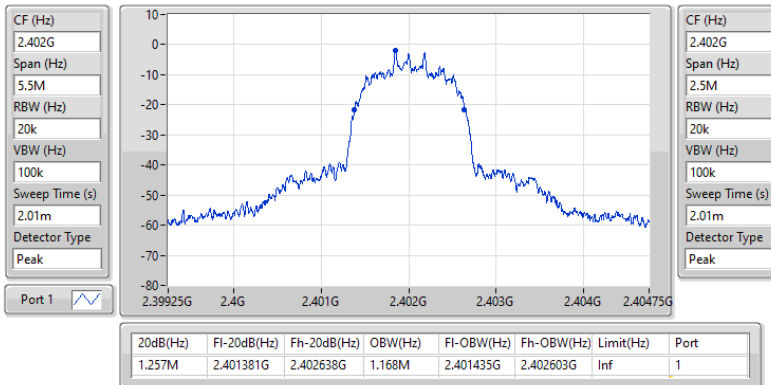
2480MHz



2.4-2.4835GHz_BT-EDR(3Mbps)

EBW-FS

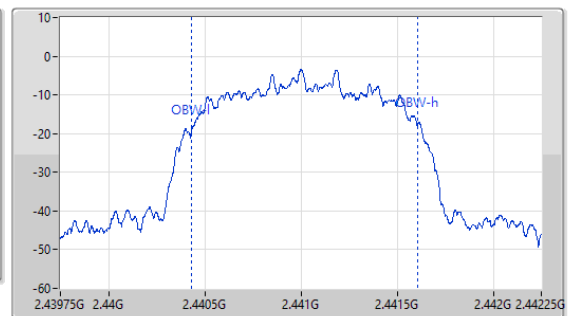
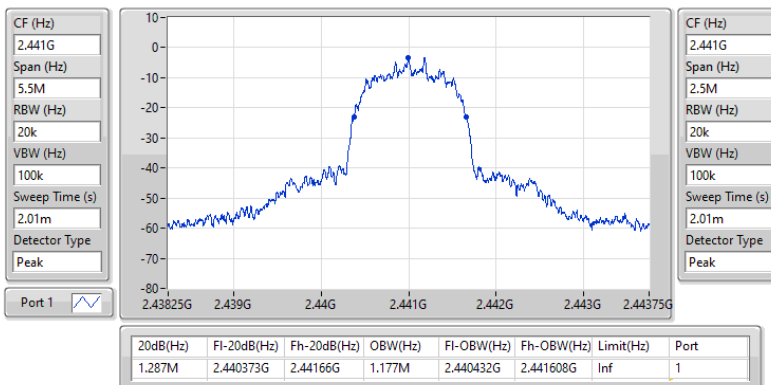
2402MHz



2.4-2.4835GHz_BT-EDR(3Mbps)

EBW-FS

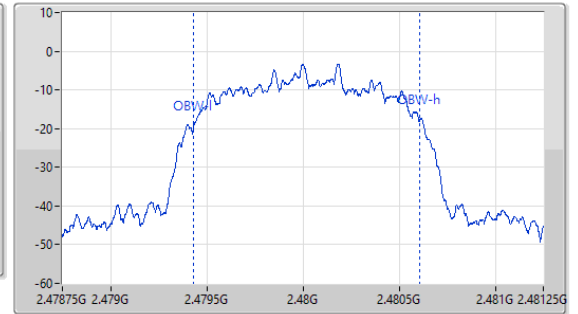
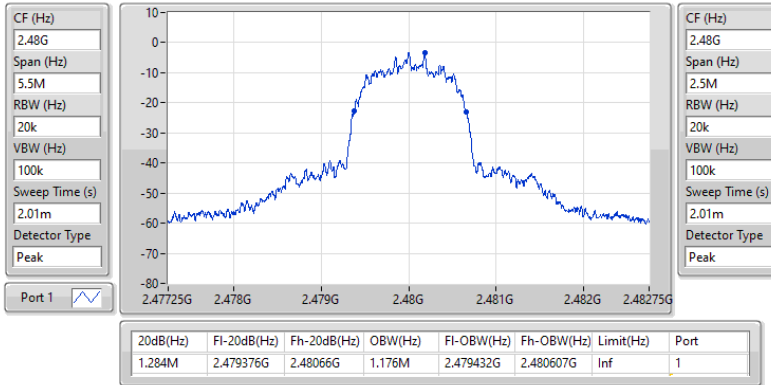
2441MHz



2.4-2.4835GHz_BT-EDR(3Mbps)

EBW-FS

2480MHz



Configuration 1: Combo chip, model AW611
Summary

Mode	Max-Space (Hz)	Min-Space (Hz)
2.4-2.4835GHz	-	-
BT-BR(1Mbps)	1.0005M	1.0005M
BT-EDR(2Mbps)	1.002M	1.0005M
BT-EDR(3Mbps)	1.002M	1.0005M

Result

Mode	Result	Fi (Hz)	Fh (Hz)	Ch.Space (Hz)	Limit (Hz)
BT-BR(1Mbps)	-	-	-	-	-
2402MHz	Pass	2.402053G	2.403054G	1.0005M	613.5525k
2441MHz	Pass	2.441053G	2.442054G	1.0005M	613.5525k
2480MHz	Pass	2.479053G	2.480054G	1.0005M	613.5525k
BT-EDR(2Mbps)	-	-	-	-	-
2402MHz	Pass	2.401984G	2.402985G	1.0005M	877.122k
2441MHz	Pass	2.440983G	2.441983G	1.0005M	877.122k
2480MHz	Pass	2.478981G	2.479983G	1.002M	877.122k
BT-EDR(3Mbps)	-	-	-	-	-
2402MHz	Pass	2.402161G	2.403163G	1.002M	859.14k
2441MHz	Pass	2.44116G	2.442162G	1.002M	859.14k
2480MHz	Pass	2.479161G	2.480162G	1.0005M	859.14k



2.4-2.4835GHz_BT-BR(1Mbps)

Channel Separation-FS

2.402G/2.403GHz



2.4-2.4835GHz_BT-BR(1Mbps)

Channel Separation-FS

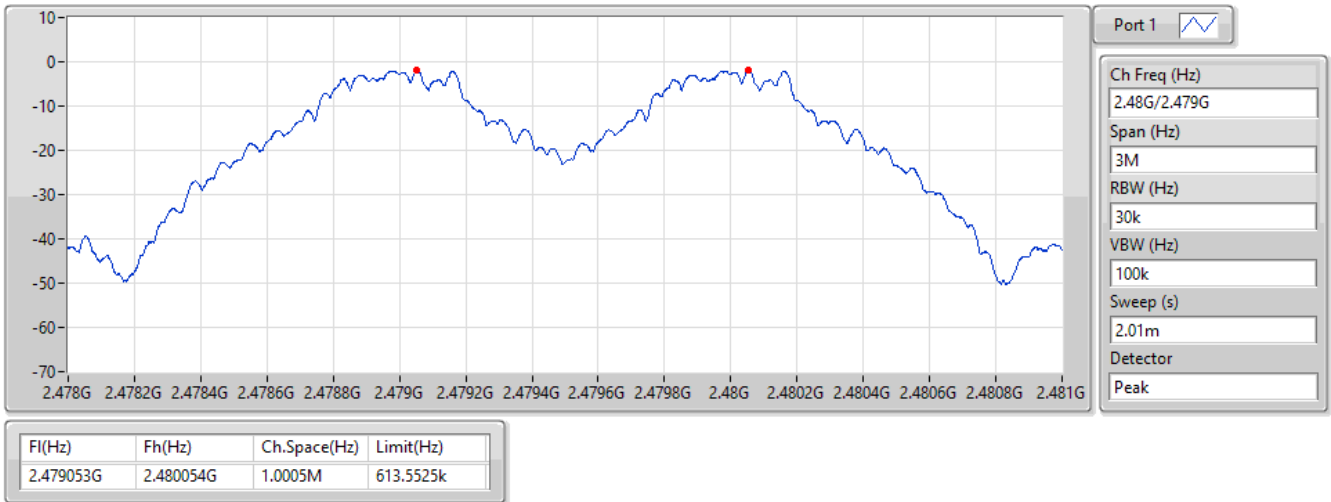
2.441G/2.442GHz



2.4-2.4835GHz_BT-BR(1Mbps)

Channel Separation-FS

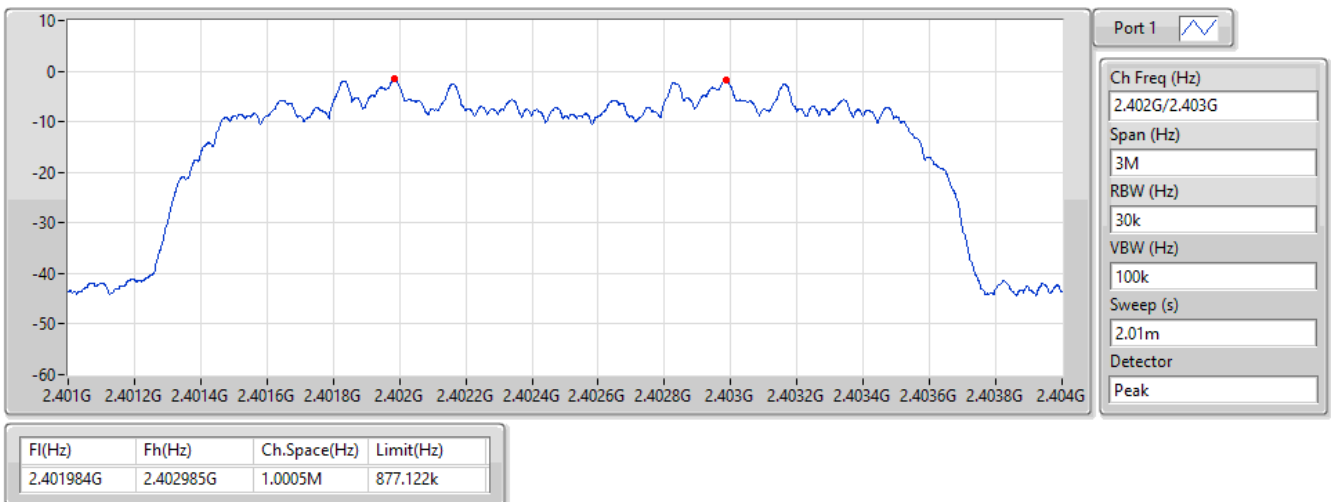
2.48G/2.479GHz



2.4-2.4835GHz_BT-EDR(2Mbps)

Channel Separation-FS

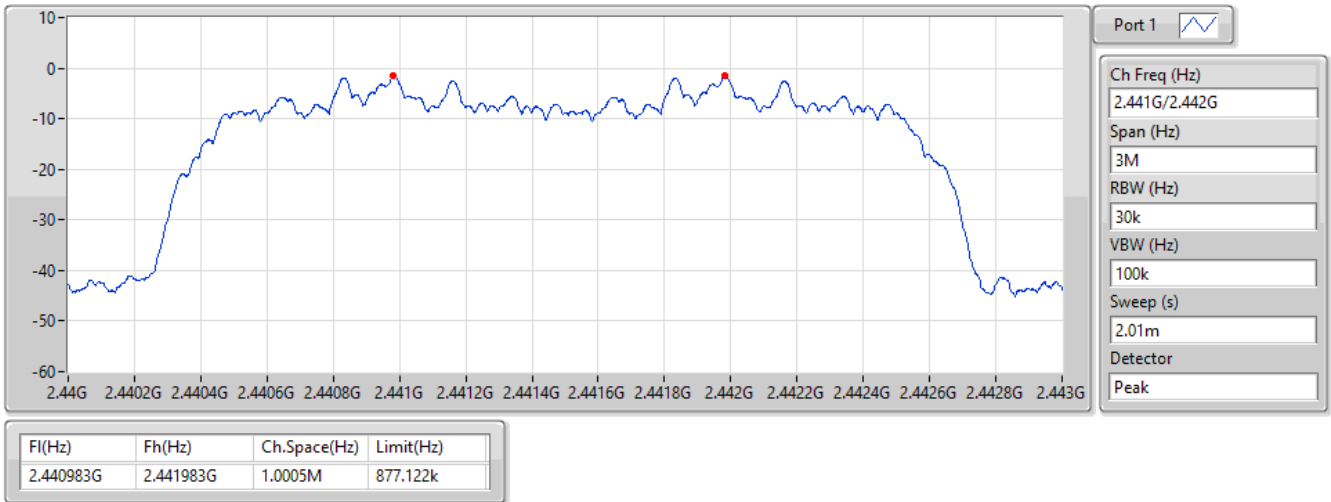
2.402G/2.403GHz



2.4-2.4835GHz_BT-EDR(2Mbps)

Channel Separation-FS

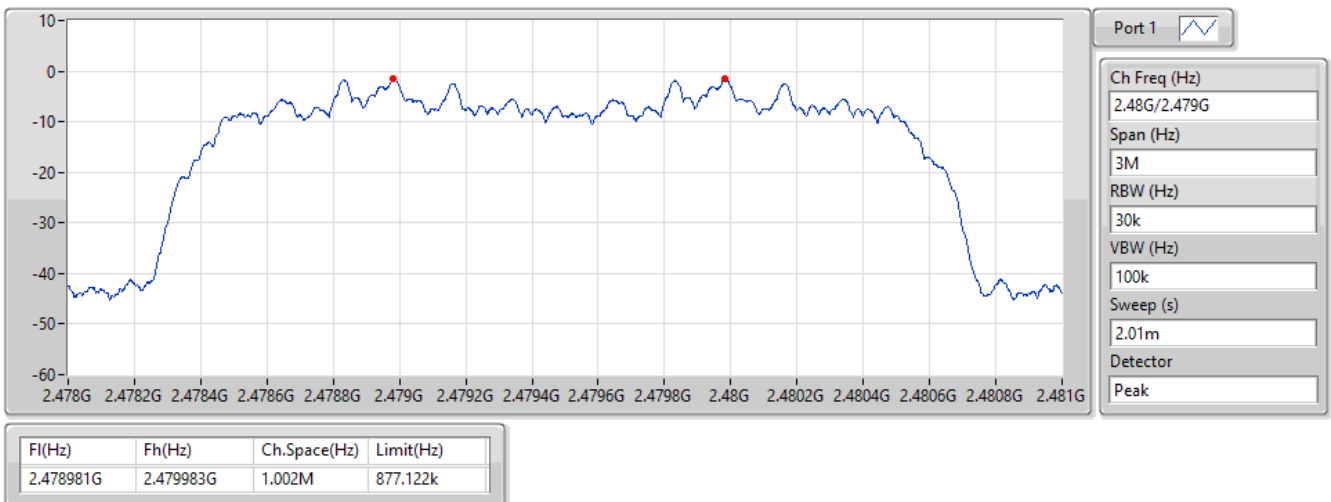
2.441G/2.442GHz



2.4-2.4835GHz_BT-EDR(2Mbps)

Channel Separation-FS

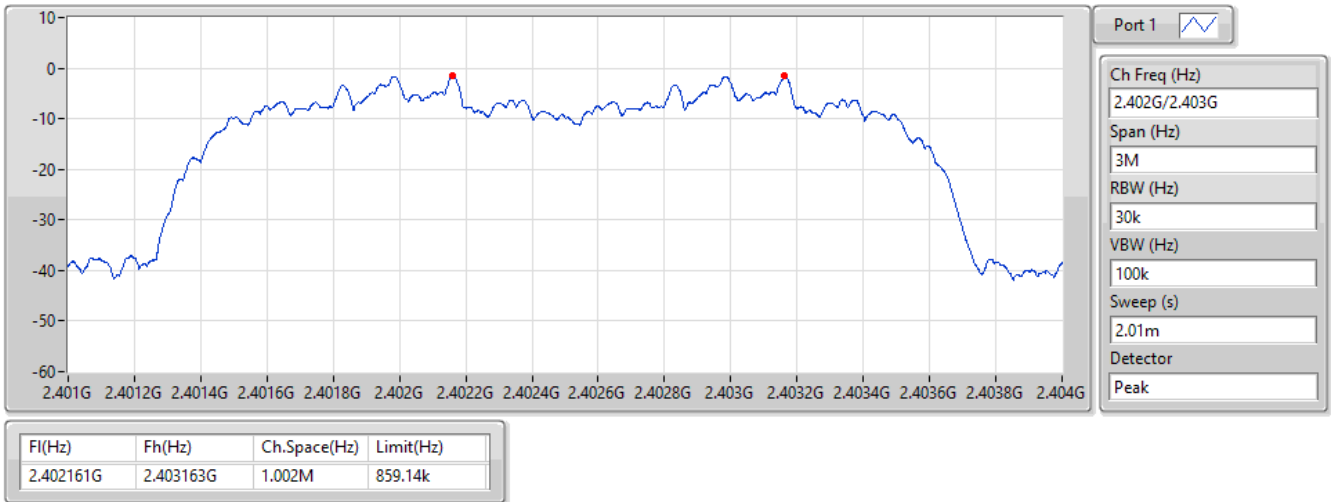
2.48G/2.479GHz



2.4-2.4835GHz_BT-EDR(3Mbps)

Channel Separation-FS

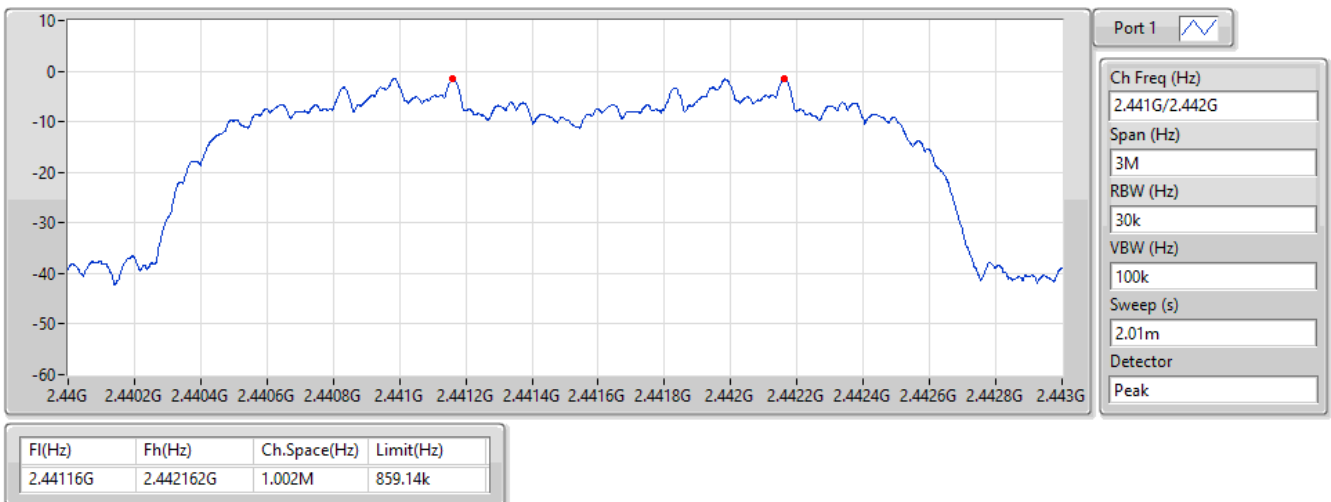
2.402G/2.403GHz



2.4-2.4835GHz_BT-EDR(3Mbps)

Channel Separation-FS

2.441G/2.442GHz

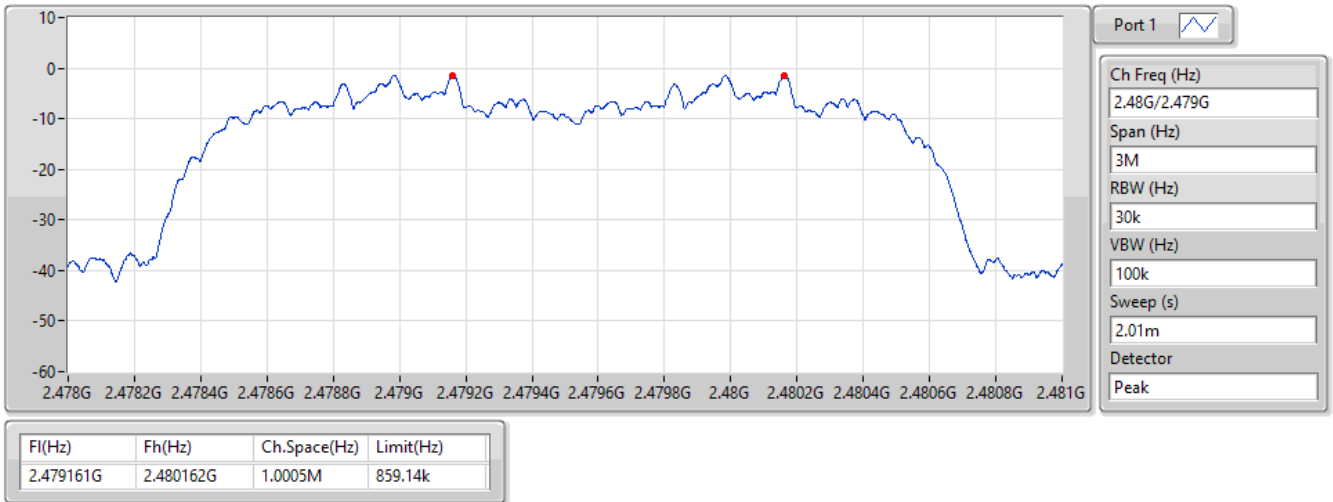




2.4-2.4835GHz_BT-EDR(3Mbps)

Channel Separation-FS

2.48G/2.479GHz



Configuration 2: Chip 1, model AW300
Summary

Mode	Max-Space (Hz)	Min-Space (Hz)
2.4-2.4835GHz	-	-
BT-BR(1Mbps)	1.0005M	1.0005M
BT-EDR(2Mbps)	1.0035M	1.002M
BT-EDR(3Mbps)	1.0005M	1.0005M

Result

Mode	Result	Fi (Hz)	Fh (Hz)	Ch.Space (Hz)	Limit (Hz)
BT-BR(1Mbps)	-	-	-	-	-
2402MHz	Pass	2.40199G	2.402991G	1.0005M	613.5525k
2441MHz	Pass	2.440989G	2.441989G	1.0005M	613.5525k
2480MHz	Pass	2.478989G	2.479989G	1.0005M	613.5525k
BT-EDR(2Mbps)	-	-	-	-	-
2402MHz	Pass	2.40192G	2.402923G	1.0035M	877.122k
2441MHz	Pass	2.44092G	2.441922G	1.002M	877.122k
2480MHz	Pass	2.478917G	2.479919G	1.002M	879.12k
BT-EDR(3Mbps)	-	-	-	-	-
2402MHz	Pass	2.4021G	2.4031G	1.0005M	855.144k
2441MHz	Pass	2.441098G	2.442099G	1.0005M	855.144k
2480MHz	Pass	2.479095G	2.480096G	1.0005M	855.144k

2.4-2.4835GHz_BT-BR(1Mbps)

Channel Separation-FS

2.402G/2.403GHz



2.4-2.4835GHz_BT-BR(1Mbps)

Channel Separation-FS

2.441G/2.442GHz



2.4-2.4835GHz_BT-BR(1Mbps)

Channel Separation-FS

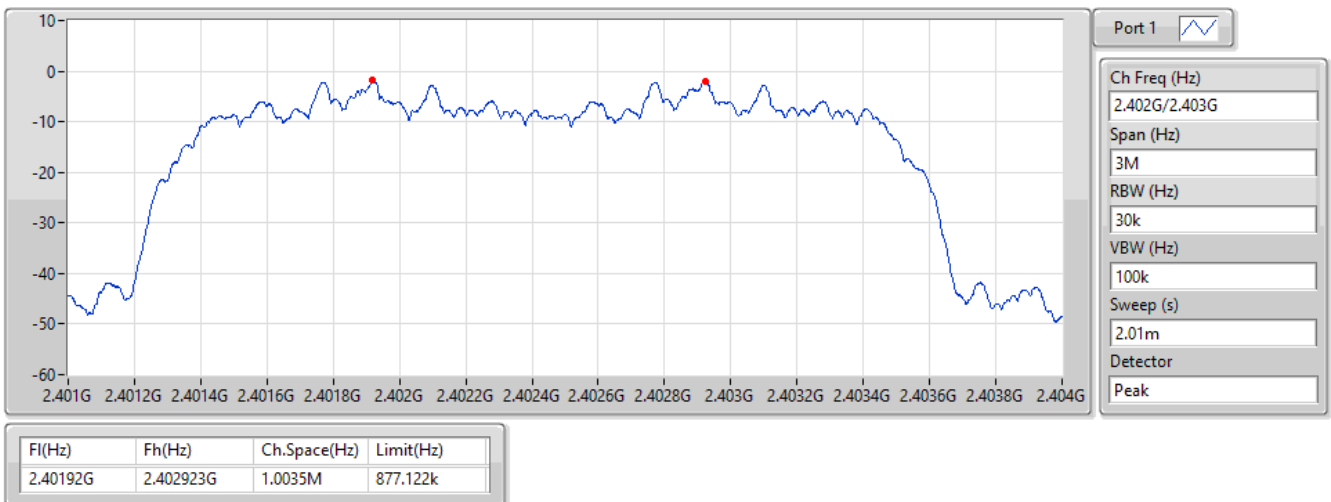
2.48G/2.479GHz



2.4-2.4835GHz_BT-EDR(2Mbps)

Channel Separation-FS

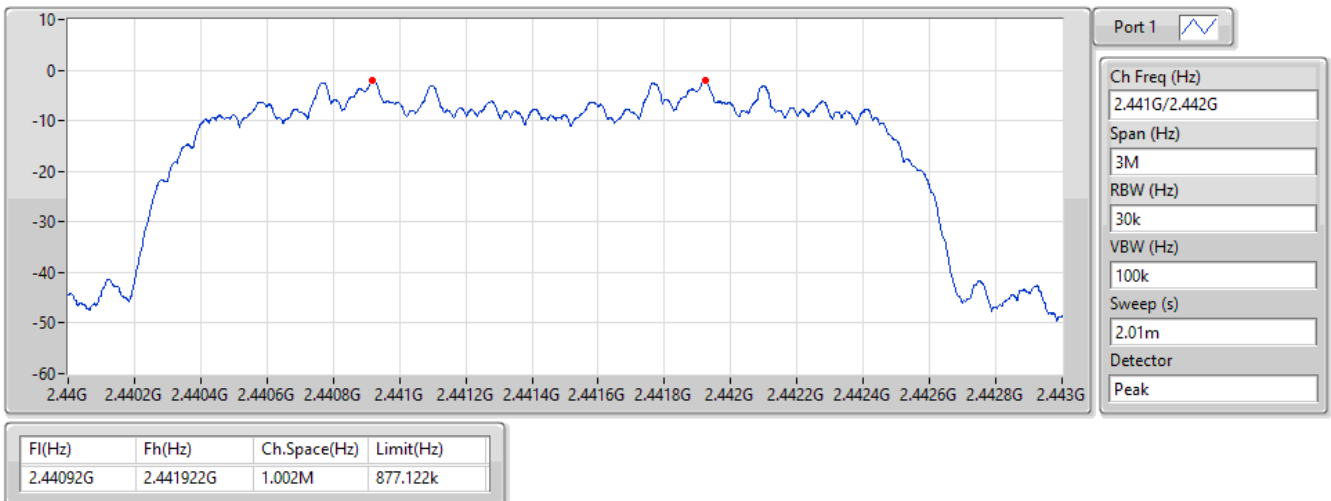
2.402G/2.403GHz



2.4-2.4835GHz_BT-EDR(2Mbps)

Channel Separation-FS

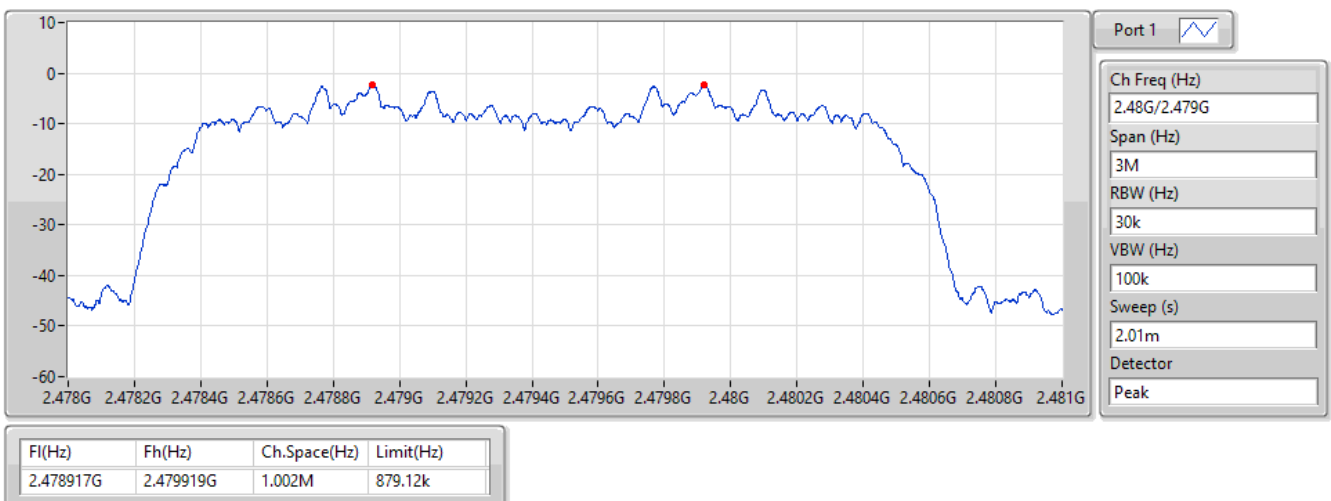
2.441G/2.442GHz



2.4-2.4835GHz_BT-EDR(2Mbps)

Channel Separation-FS

2.48G/2.479GHz



2.4-2.4835GHz_BT-EDR(3Mbps)

Channel Separation-FS

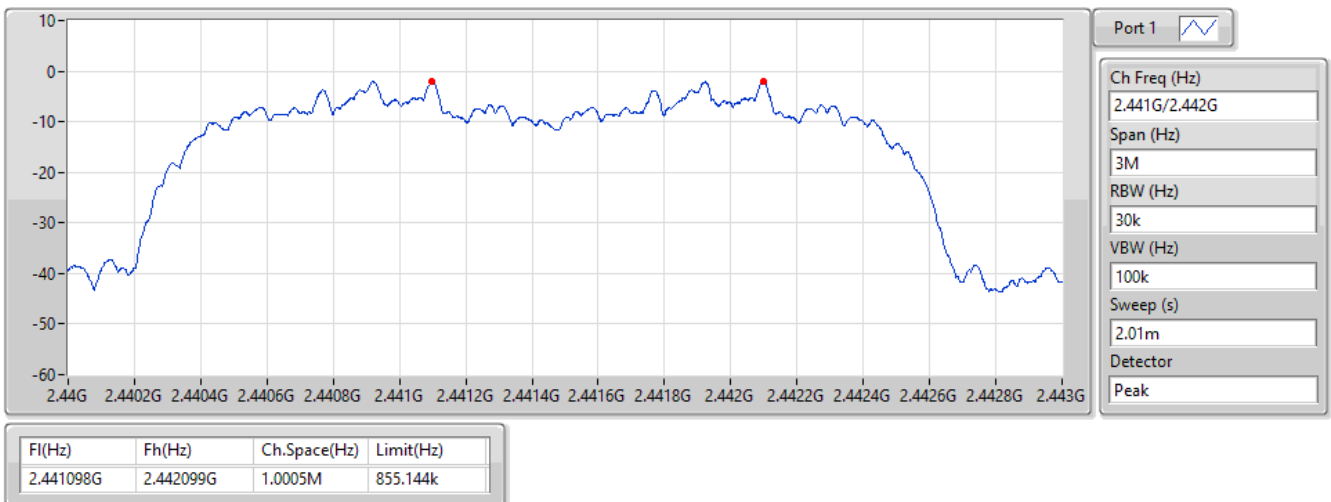
2.402G/2.403GHz



2.4-2.4835GHz_BT-EDR(3Mbps)

Channel Separation-FS

2.441G/2.442GHz





2.4-2.4835GHz_BT-EDR(3Mbps)

Channel Separation-FS

2.48G/2.479GHz



Configuration 3: Chip 2, model AW300
Summary

Mode	Max-Space (Hz)	Min-Space (Hz)
2.4-2.4835GHz	-	-
BT-BR(1Mbps)	1.002M	1.0005M
BT-EDR(2Mbps)	1.002M	1.0005M
BT-EDR(3Mbps)	1.002M	1.0005M

Result

Mode	Result	Fi (Hz)	Fh (Hz)	Ch.Space (Hz)	Limit (Hz)
BT-BR(1Mbps)	-	-	-	-	-
2402MHz	Pass	2.402074G	2.403076G	1.002M	613.5525k
2441MHz	Pass	2.441074G	2.442076G	1.002M	613.5525k
2480MHz	Pass	2.479076G	2.480076G	1.0005M	613.5525k
BT-EDR(2Mbps)	-	-	-	-	-
2402MHz	Pass	2.402004G	2.403006G	1.002M	877.122k
2441MHz	Pass	2.441005G	2.442006G	1.0005M	877.122k
2480MHz	Pass	2.479004G	2.480006G	1.002M	877.122k
BT-EDR(3Mbps)	-	-	-	-	-
2402MHz	Pass	2.402182G	2.403183G	1.0005M	837.162k
2441MHz	Pass	2.441182G	2.442184G	1.002M	857.142k
2480MHz	Pass	2.479181G	2.480183G	1.002M	855.144k

2.4-2.4835GHz_BT-BR(1Mbps)

Channel Separation-FS

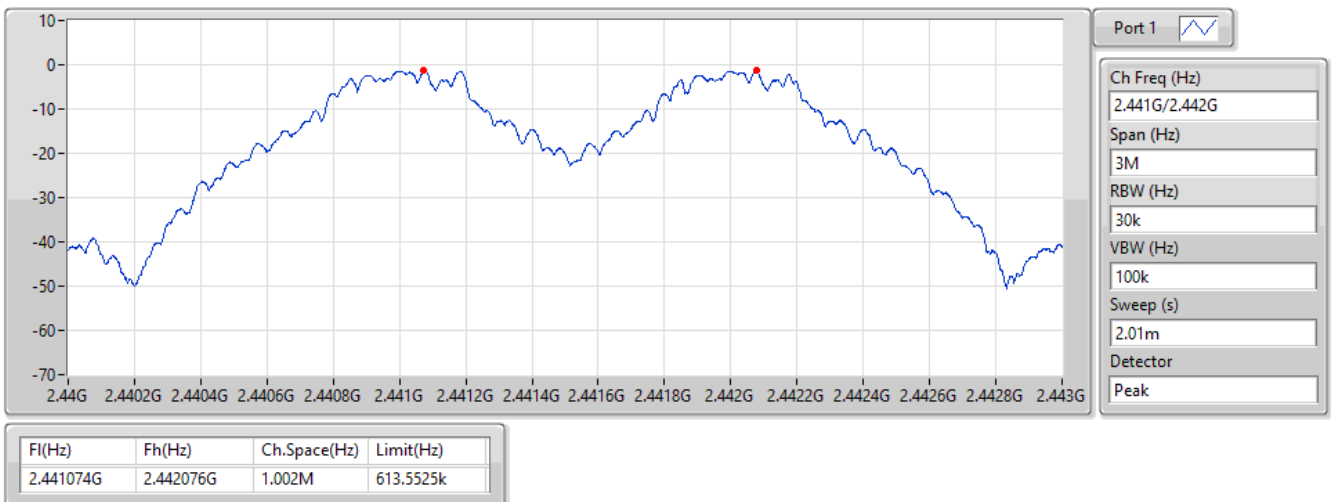
2.402G/2.403GHz



2.4-2.4835GHz_BT-BR(1Mbps)

Channel Separation-FS

2.441G/2.442GHz



2.4-2.4835GHz_BT-BR(1Mbps)

Channel Separation-FS

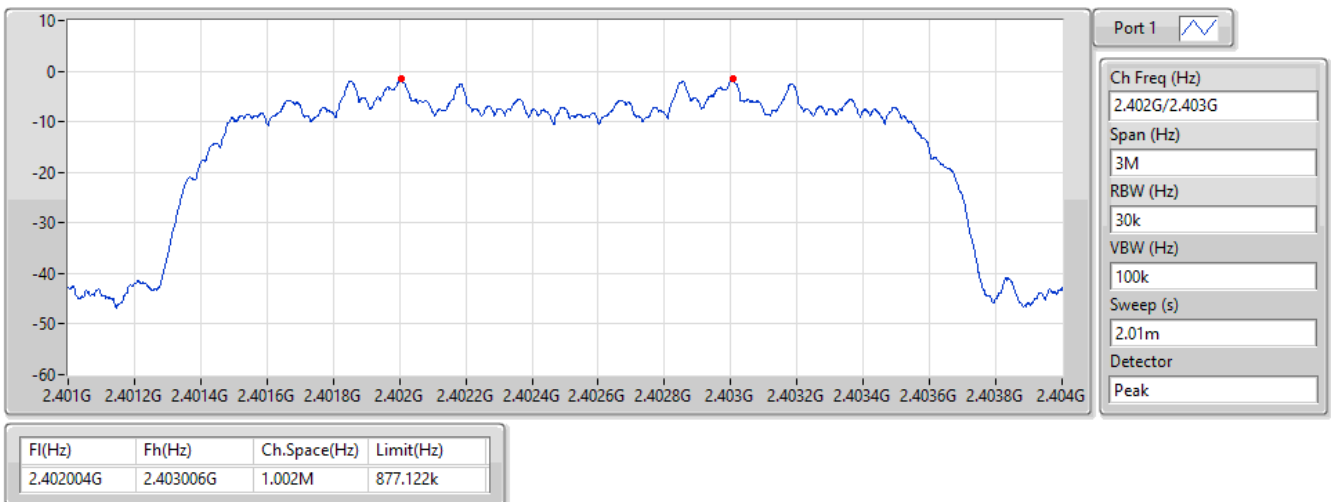
2.48G/2.479GHz



2.4-2.4835GHz_BT-EDR(2Mbps)

Channel Separation-FS

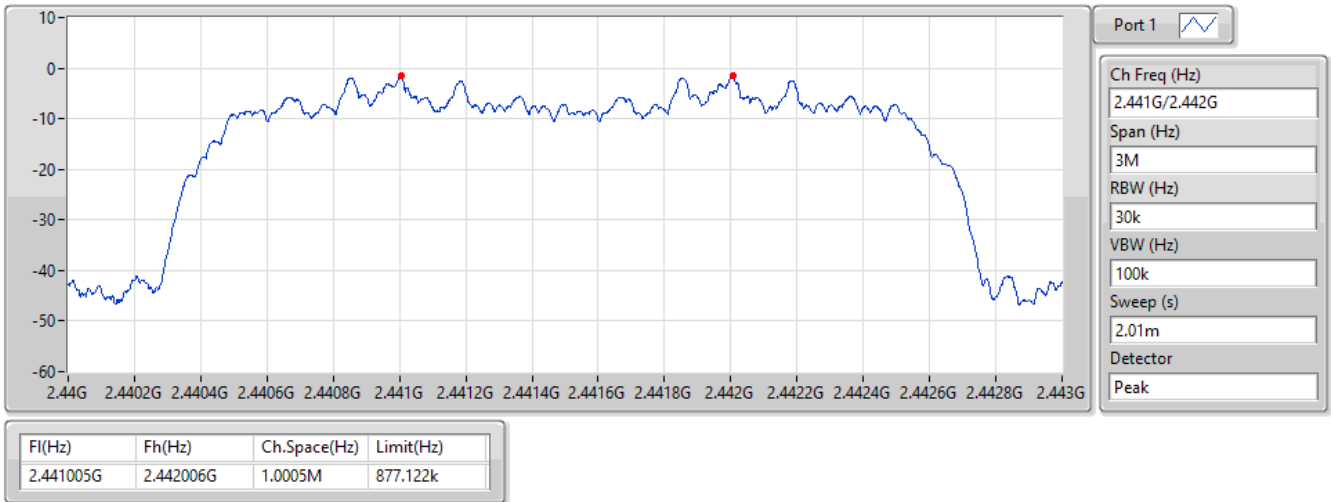
2.402G/2.403GHz



2.4-2.4835GHz_BT-EDR(2Mbps)

Channel Separation-FS

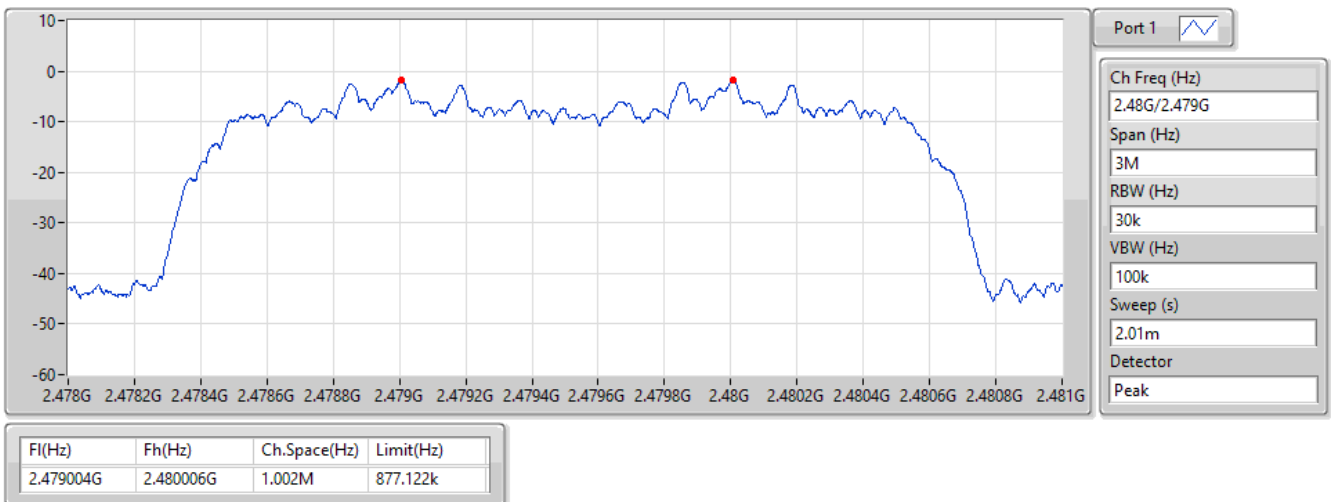
2.441G/2.442GHz



2.4-2.4835GHz_BT-EDR(2Mbps)

Channel Separation-FS

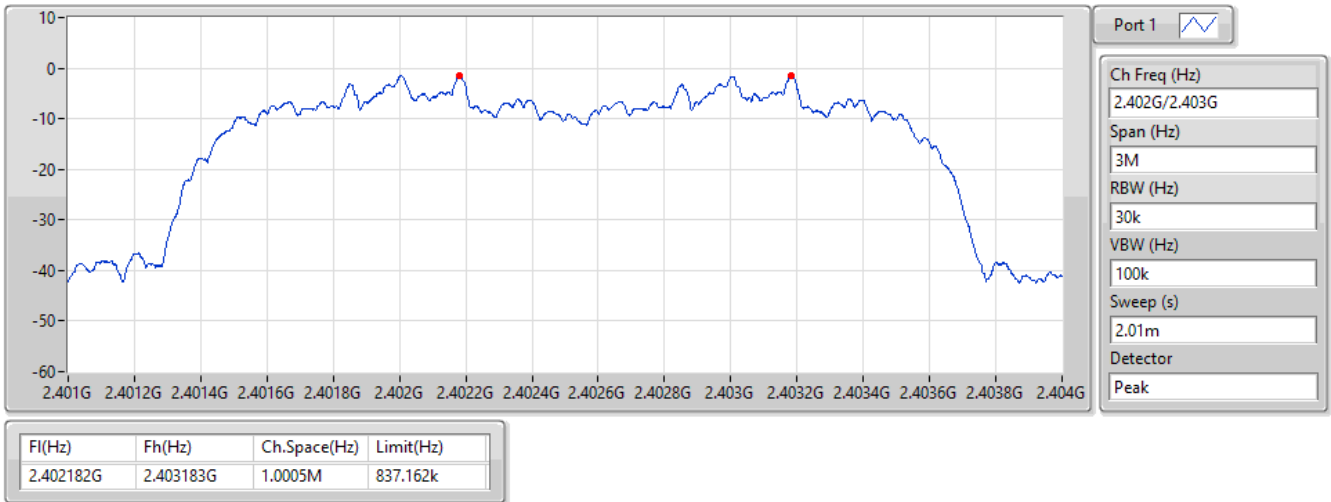
2.48G/2.479GHz



2.4-2.4835GHz_BT-EDR(3Mbps)

Channel Separation-FS

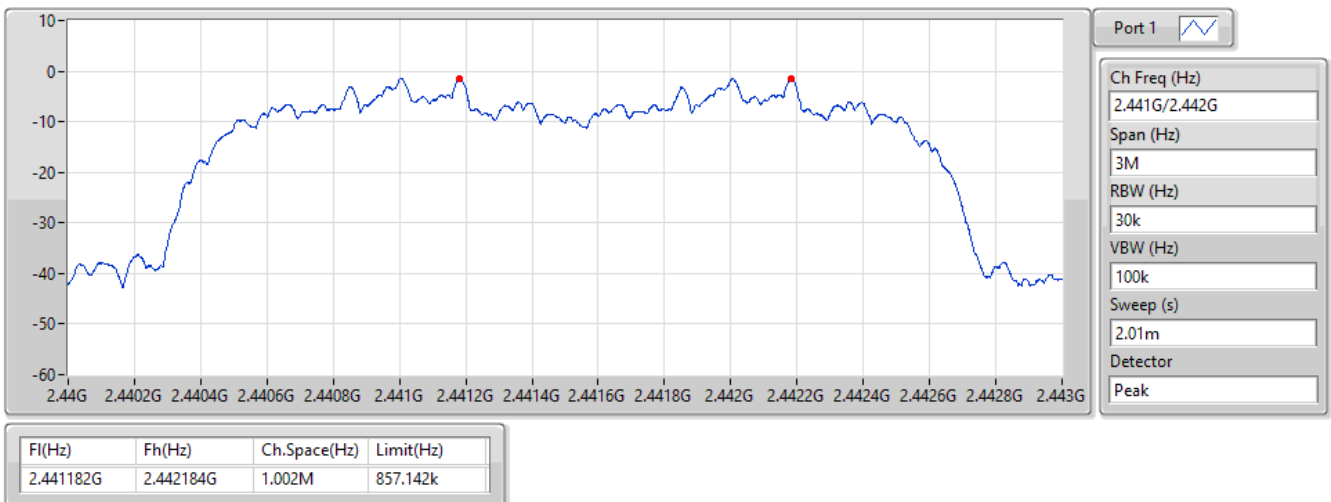
2.402G/2.403GHz



2.4-2.4835GHz_BT-EDR(3Mbps)

Channel Separation-FS

2.441G/2.442GHz

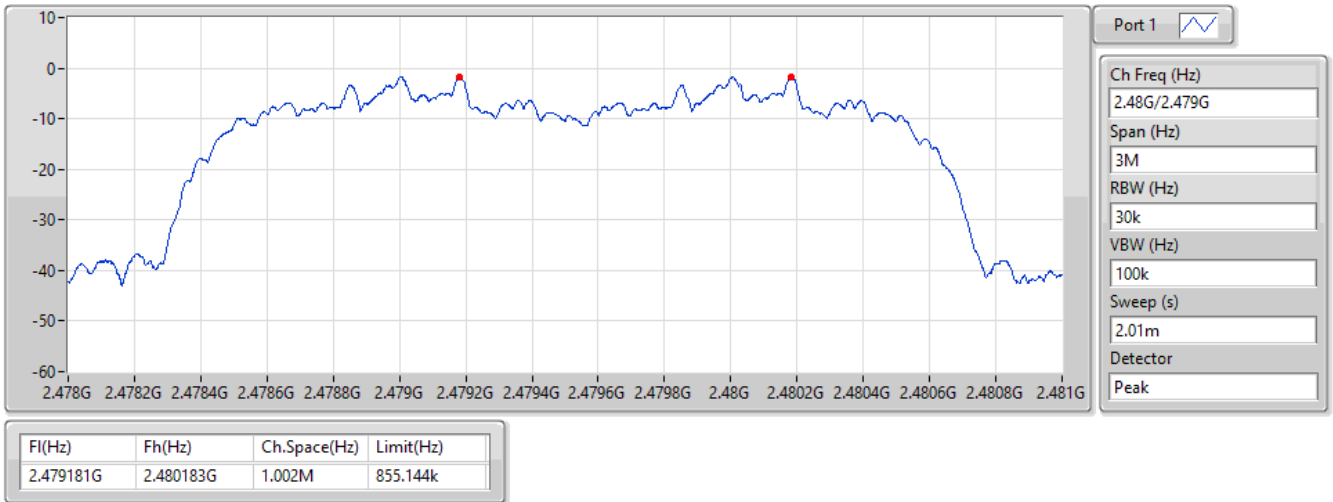




2.4-2.4835GHz_BT-EDR(3Mbps)

Channel Separation-FS

2.48G/2.479GHz





Configuration 1: Combo chip, model AW611

Summary

2.4-2.4835GHz	-
BT-BR-AFH(1Mbps)	289.225m_DH5-AFH
BT-BR-Non AFH(1Mbps)	310.74334m_DH5
BT-EDR-AFH(2Mbps)	312.417m_DH5-AFH
BT-EDR-Non AFH(2Mbps)	310.74334m_DH5
BT-EDR-AFH(3Mbps)	300.976m_DH5-AFH
BT-EDR-Non AFH(3Mbps)	310.9045m_DH5

Result/ Non AFH mode

Mode	Result	Period (s)	Dwell (s)	Limit (s)	Tx On (ms)	Number of transmission in a 5 s
BT-BR-Non AFH(1Mbps)	-	-	-	-	-	-
2402MHz_DH5	PASS	31.6	0.31074	0.4	2.89225	17
BT-EDR-Non AFH(2Mbps)	-	-	-	-	-	-
2402MHz_DH5	PASS	31.6	0.31074	0.4	2.89225	17
BT-EDR-Non AFH(3Mbps)	-	-	-	-	-	-
2402MHz_DH5	PASS	31.6	0.31090	0.4	2.89375	17

Note 1: Dwell time =Number of transmission in a 5 second x Tx On Time x 6.32

Note 2: DH5 was the worst mode.

Result/ AFH mode

Mode	Result	Period (s)	Dwell (s)	Limit (s)	Tx On (ms)	Number of transmission in a 2 s
BT-BR-AFH(1Mbps)	-	-	-	-	-	-
2402MHz_DH5	PASS	8	0.28923	0.4	2.89225	25
BT-EDR-AFH(2Mbps)	-	-	-	-	-	-
2402MHz_DH5	PASS	8	0.31242	0.4	2.89275	27
BT-EDR-AFH(3Mbps)	-	-	-	-	-	-
2402MHz_DH5	PASS	8	0.30098	0.4	2.89400	26

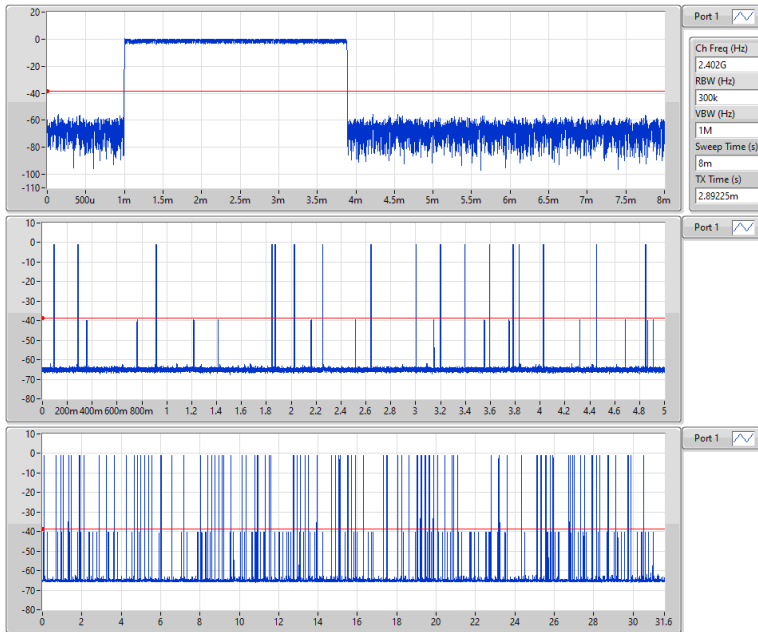
Note 1: Dwell time =Number of transmission in a 2 second x Tx On Time x 4

Note 2: DH5 was the worst mode.

2.4-2.4835GHz_BT-BR-Non AFH(1Mbps)

Dwell-FS

2402MHz



2.4-2.4835GHz_BT-EDR-Non AFH(2Mbps)

Dwell-FS

2402MHz

