



# element

**Motorola Solutions, Inc.**

**V700**

**FCC 15.247:2022**

**RSS-247 Issue 2:2017**

**2.4 GHz Bluetooth (FHSS) Radio**

**Report: WTVD0085.5 Rev. 3, Issue Date: June 27, 2023**



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# CERTIFICATE OF TEST

**Last Date of Test: April 25, 2023**  
**Motorola Solutions, Inc.**  
**EUT: V700**

**Test Lab Location:**

Labs TX01-09  
 3801 E Plano Pkwy  
 Plano, TX 75074  
 FCC Designated Number: US1294, Location Registration Number: 561783  
 ISED Designated number: 2834G-1

## Radio Equipment Testing

### Standards

Specification	Method
FCC 15.247:2023	ANSI C63.10:2013, FCC KDB 558074 v05r02:2019
RSS-247 Issue 2:2017, RSS-Gen Issue 5:2018+A1:2019+A2:2021	

### Results

Test Description	Result	FCC Section(s)	RSS Section(s)	ANSI C63.10 Section(s)	Comments
Powerline Conducted Emissions	N/A	15.207	RSS-Gen 8.8	6.2	Not required for a battery powered EUT.
Spurious Radiated Emissions	Pass	15.247(d)	RSS-247 5.5	6.5, 6.6	
Occupied Bandwidth (99%)	Pass	N/A	RSS-Gen 6.7	6.9.3	
Duty Cycle	Pass	15.247	RSS-Gen 3.2	7.5	
Carrier Frequency Separation	Pass	15.247(a)(1)	RSS-247 5.1(b)	7.8.2	
Number of Hopping Frequencies	Pass	15.247(a)(1)(iii)	RSS-247 5.1(d)	7.8.3	
Dwell Time	Pass	15.247(a)(1)(iii)	RSS-247 5.1(d)	7.8.4	
Equivalent Isotropic Radiated Power	Pass	15.247(b)(1)	RSS-247 5.4(b)	7.8.5	
Output Power	Pass	15.247(b)(1)	RSS-247 5.4(b)	7.8.5	
Band Edge Compliance	Pass	15.247(d)	RSS-247 5.5	7.8.6	
Band Edge Compliance - Hopping Mode	Pass	15.247(d)	RSS-247 5.5	7.8.6	
Emissions Bandwidth (20 dB)	Pass	15.247(a)(1)	RSS-247 5.1(a)	7.8.7	
Spurious Conducted Emissions	Pass	15.247(d)	RSS-247 5.5	7.8.8	

*Product compliance is the responsibility of the client; therefore, the tests and equipment modes of operation represented in this report were agreed upon by the client, prior to testing. The results of this test pertain only to the sample(s) tested. The specific description is noted in each of the individual sections of the test report supporting this certificate of test. This report reflects only those tests from the referenced standards shown in the certificate of test. It does not include inspection or verification of labels, identification, marking or user information. As indicated in the Statement of Work sent with the quotation, Element's standard process is to always use the latest published version of the test methods even when earlier versions are cited in the test specification. Issuance of a purchase order was de facto acceptance of this approach. Otherwise, the client would have advised Element in writing of the specific version of the test methods they wanted applied to the subject testing.*

# CERTIFICATE OF TEST



## Deviations From Test Standards

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None

### Approved By:

Adam Bruno, Operations Manager

*Product compliance is the responsibility of the client; therefore, the tests and equipment modes of operation represented in this report were agreed upon by the client, prior to testing. The results of this test pertain only to the sample(s) tested. The specific description is noted in each of the individual sections of the test report supporting this certificate of test. This report reflects only those tests from the referenced standards shown in the certificate of test. It does not include inspection or verification of labels, identification, marking or user information. As indicated in the Statement of Work sent with the quotation, Element's standard process is to always use the latest published version of the test methods even when earlier versions are cited in the test specification. Issuance of a purchase order was de facto acceptance of this approach. Otherwise, the client would have advised Element in writing of the specific version of the test methods they wanted applied to the subject testing.*

# REVISION HISTORY



<b>Revision Number</b>	<b>Description</b>	<b>Date</b> (yyyy-mm-dd)	<b>Page Number</b>
01	Updated configurations.	2023-06-13	14, 15
	Updated power settings and antennas table.	2023-06-13	12
02	Added FCC ID, IC ID, applicant address to Product Description page.	2023-06-26	11
03	Updated IC ID to just IC.	2023-06-27	11
	Added model number table to Product Description page.	2023-06-27	12
	Added test lab information to certificate of test.	2023-06-27	2

# ACCREDITATIONS AND AUTHORIZATIONS



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## United States

**FCC** - Designated by the FCC as a Telecommunications Certification Body (TCB). Certification chambers, Open Area Test Sites, and conducted measurement facilities are listed with the FCC.

**A2LA** - Each laboratory is accredited by A2LA to ISO / IEC 17025, and as a product certifier to ISO / IEC 17065 which allows Element to certify transmitters to FCC and IC specifications.

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## Canada

**ISED** - Recognized by Innovation, Science and Economic Development Canada as a Certification Body (CB) and as a CAB for the acceptance of test data.

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## European Union

**European Commission** – Recognized as an EU Notified Body validated for the EMCD and RED Directives.

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## United Kingdom

**BEIS** – Recognized by the UK as an Approved Body under the UK Radio Equipment and UK EMC Regulations.

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## Australia/New Zealand

**ACMA** - Recognized by ACMA as a CAB for the acceptance of test data.

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## Korea

**MSIT / RRA** - Recognized by KCC's RRA as a CAB for the acceptance of test data.

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## Japan

**VCCI** - Associate Member of the VCCI. Conducted and radiated measurement facilities are registered.

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## Taiwan

**BSMI** – Recognized by BSMI as a CAB for the acceptance of test data.

**NCC** - Recognized by NCC as a CAB for the acceptance of test data.

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## Singapore

**IDA** – Recognized by IDA as a CAB for the acceptance of test data.

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## Israel

**MOC** – Recognized by MOC as a CAB for the acceptance of test data.

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## Hong Kong

**OFCA** – Recognized by OFCA as a CAB for the acceptance of test data.

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## Vietnam

**MIC** – Recognized by MIC as a CAB for the acceptance of test data.

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## SCOPE

For details on the Scopes of our Accreditations, please visit:

[California](#)

[Minnesota](#)

[Oregon](#)

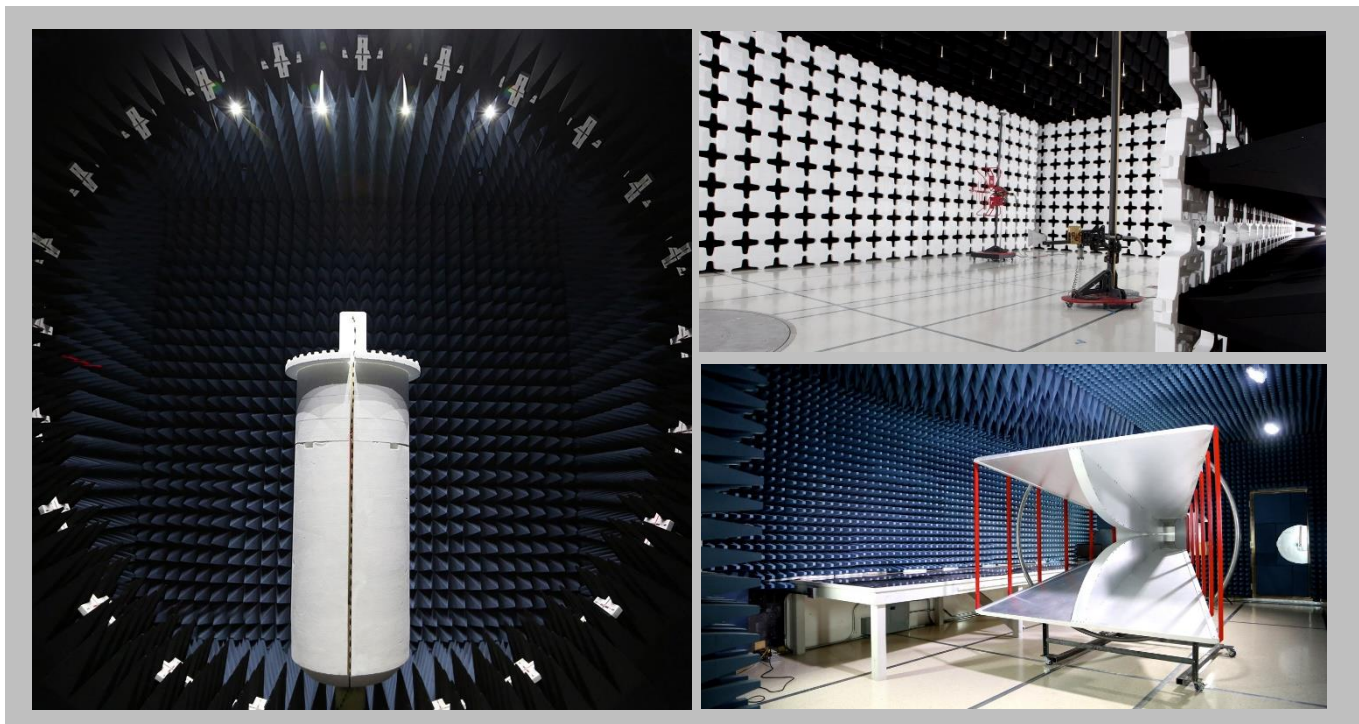
[Texas](#)

[Washington](#)

# FACILITIES



<b>California</b> Labs OC01-17 41 Tesla Irvine, CA 92618 (949) 861-8918	<b>Minnesota</b> Labs MN01-11 9349 W Broadway Ave. Brooklyn Park, MN 55445 (612)-638-5136	<b>Oregon</b> Labs EV01-12 6775 NE Evergreen Pkwy #400 Hillsboro, OR 97124 (503) 844-4066	<b>Texas</b> Labs TX01-09 3801 E Plano Pkwy Plano, TX 75074 (469) 304-5255	<b>Washington</b> Labs NC01-05 19201 120 <sup>th</sup> Ave NE Bothell, WA 98011 (425)984-6600
<b>A2LA</b>				
Lab Code: 3310.04	Lab Code: 3310.05	Lab Code: 3310.02	Lab Code: 3310.03	Lab Code: 3310.06
<b>Innovation, Science and Economic Development Canada</b>				
2834B-1, 2834B-3	2834E-1, 2834E-3	2834D-1	2834G-1	2834F-1
<b>BSMI</b>				
SL2-IN-E-1154R	SL2-IN-E-1152R	SL2-IN-E-1017	SL2-IN-E-1158R	SL2-IN-E-1153R
<b>VCCI</b>				
A-0029	A-0109	A-0108	A-0201	A-0110
<b>Recognized Phase I CAB for ISED, ACMA, BSMI, IDA, KCC/RRA, MIC, MOC, NCC, OFCA</b>				
US0158	US0175	US0017	US0191	US0157



# MEASUREMENT UNCERTAINTY



## Measurement Uncertainty

When a measurement is made, the result will be different from the true or theoretically correct value. The difference is the result of tolerances in the measurement system that cannot be completely eliminated. To the extent that technology allows us, it has been our aim to minimize this error. Measurement uncertainty is a statistical expression of measurement error qualified by a probability distribution.

A measurement uncertainty estimation has been performed for each test per our internal quality document QM205.4.6. The estimation is used to compare the measured result with its "true" or theoretically correct value. The expanded measurement uncertainty (K=2) can be found in the table below. A lab specific value may also be found in the applicable test description section. Our measurement data meets or exceeds the measurement uncertainty requirements of the applicable specification; therefore, the test data can be compared directly to the specification limit to determine compliance. The calculations for estimating measurement uncertainty are based upon ETSI TR 100 028 (or CISPR 16-4-2 as applicable), and are available upon request.

The following table represents the Measurement Uncertainty (MU) budgets for each of the tests that may be contained in this report.

<b>Test</b>	<b>+ MU</b>	<b>- MU</b>
Frequency Accuracy	0.0007%	-0.0007%
Amplitude Accuracy (dB)	1.2 dB	-1.2 dB
Conducted Power (dB)	1.2 dB	-1.2 dB
Radiated Power via Substitution (dB)	0.7 dB	-0.7 dB
Temperature (degrees C)	0.7°C	-0.7°C
Humidity (% RH)	2.5% RH	-2.5% RH
Voltage (AC)	1.0%	-1.0%
Voltage (DC)	0.7%	-0.7%
Field Strength (dB)	5.1 dB	-5.1 dB
AC Powerline Conducted Emissions (dB)	3.1 dB	-3.1 dB

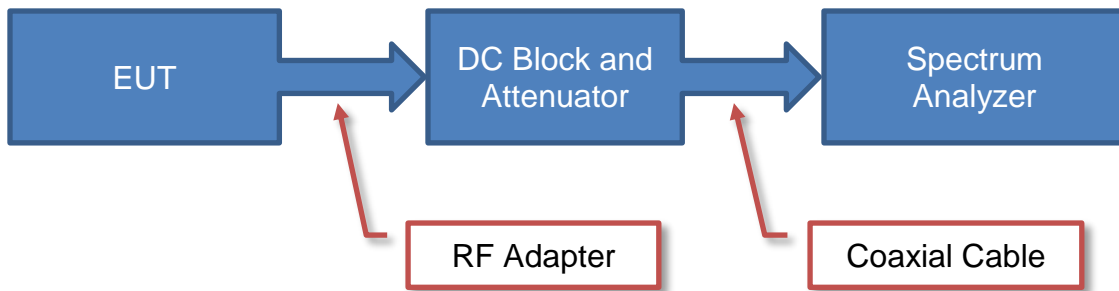
# TEST SETUP BLOCK DIAGRAMS

## Measurement Bandwidths

Frequency Range (MHz)	Peak Data (kHz)	Quasi-Peak Data (kHz)	Average Data (kHz)
0.01 - 0.15	1.0	0.2	0.2
0.15 - 30.0	10.0	9.0	9.0
30.0 - 1000	100.0	120.0	120.0
Above 1000	1000.0	N/A	1000.0

Unless otherwise stated, measurements were made using the bandwidths and detectors specified. No video filter was used.

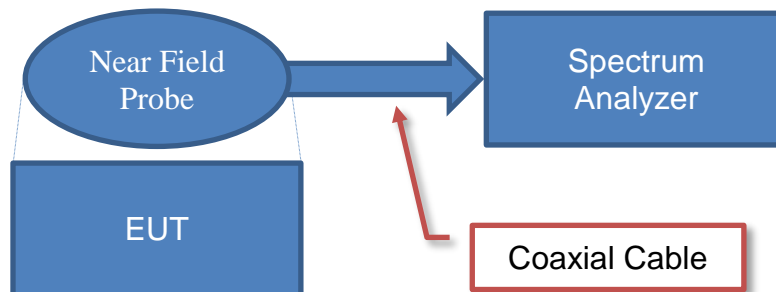
## Antenna Port Conducted Measurements



### Sample Calculation (logarithmic units)

$$\begin{array}{r}
 \text{Measured Value} \\
 71.2
 \end{array}
 =
 \begin{array}{r}
 \text{Measured Level} \\
 42.6
 \end{array}
 +
 \begin{array}{r}
 \text{Reference Level Offset} \\
 28.6
 \end{array}$$

## Near Field Test Fixture Measurements



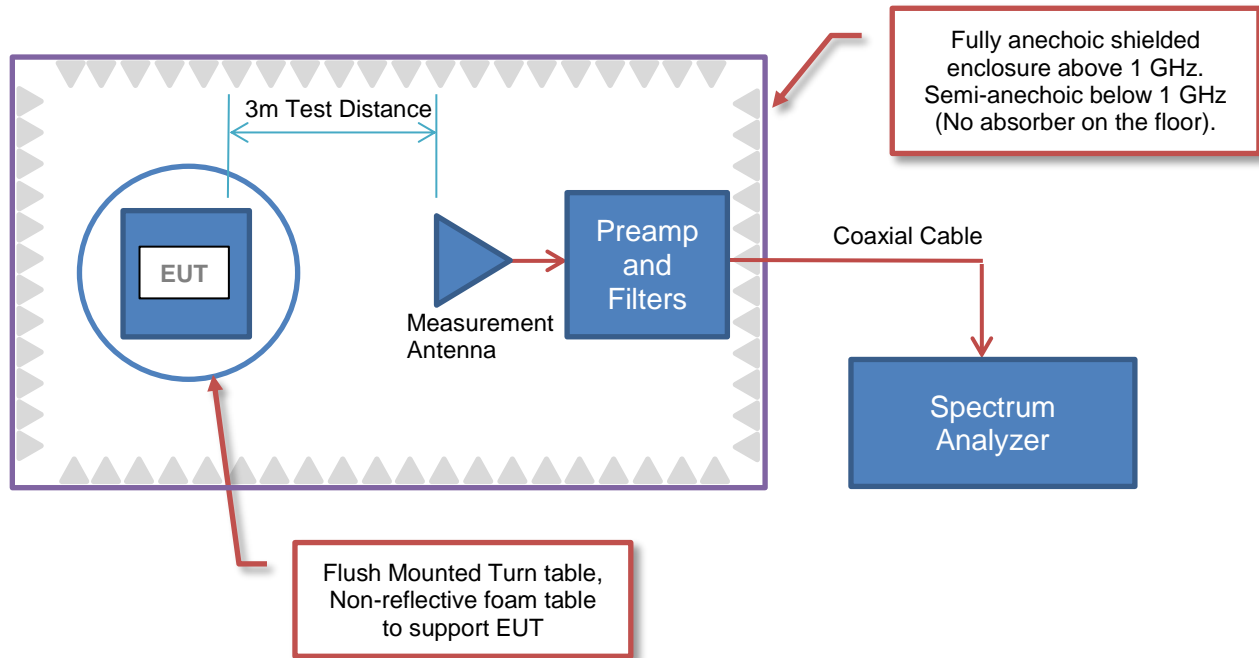
### Sample Calculation (logarithmic units)

$$\begin{array}{r}
 \text{Measured Value} \\
 71.2
 \end{array}
 =
 \begin{array}{r}
 \text{Measured Level} \\
 42.6
 \end{array}
 +
 \begin{array}{r}
 \text{Reference Level Offset} \\
 28.6
 \end{array}$$



# TEST SETUP BLOCK DIAGRAMS

## Emissions Measurements



## Sample Calculation (logarithmic units)

### Radiated Emissions:

Measured Level (Amplitude)	Factor			Distance Adjustment Factor	External Attenuation	Field Strength
	Antenna Factor	Cable Factor	Amplifier Gain			
42.6	28.6	3.1	40.8	0.0	0.0	33.5

42.6 + 28.6 + 3.1 - 40.8 + 0.0 + 0.0 = 33.5

### Conducted Emissions:

Measured Level (Amplitude)	Factor		External Attenuation	Adjusted Level
	Transducer Factor	Cable Factor		
26.7	0.3	0.1	20.0	47.1

26.7 + 0.3 + 0.1 + 20.0 = 47.1

### Radiated Power (ERP/EIRP) – Substitution Method:

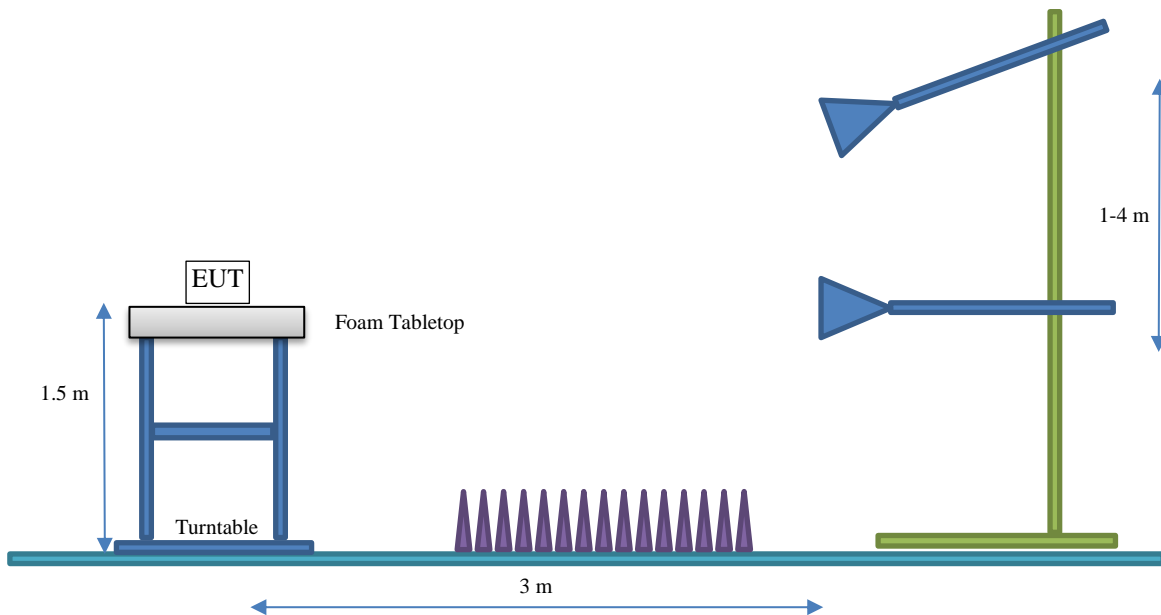
Measured Level into Substitution Antenna (Amplitude dBm)	Substitution Antenna Factor (dBi)	EIRP to ERP (if applicable)	Measured power (dBm ERP/EIRP)
10.0	6.0	2.15	13.9/16.0

10.0 + 6.0 - 2.15 = 13.9/16.0

# TEST SETUP BLOCK DIAGRAMS

## Bore Sighting (>1GHz)

The diameter of the illumination area is the dimension of the line tangent to the EUT formed by 3 dB beamwidth of the measurement antenna at the measurement distance. At a 3 meter test distance, the diameter of the illumination area was 3.8 meters at 1 GHz and greater than 2.1 meters up to 6 GHz. Above 1 GHz, when required by the measurement standard, the antenna is pointed for both azimuth and elevation to maintain the receive antenna within the cone of radiation from the EUT. The specified measurement detectors were used for comparison of the emissions to the peak and average specification limits.



# PRODUCT DESCRIPTION



## Client and Equipment under Test (EUT) Information

<b>Company Name:</b>	Motorola Solutions, Inc.
<b>Manufacturer Address:</b>	415 East Exchange Parkway
<b>City, State, Zip:</b>	Allen, TX 75002
<b>Applicant Name:</b>	Motorola Solutions, Inc.
<b>Applicant Address:</b>	8000 W. Sunrise Blvd
<b>City, State, Zip:</b>	Plantation, FL 33322
<b>Test Requested By:</b>	Navaid Karimi
<b>EUT:</b>	V700
<b>First Date of Test:</b>	December 22, 2022
<b>Last Date of Test:</b>	April 25, 2023
<b>Receipt Date of Samples:</b>	December 21, 2022
<b>Equipment Design Stage:</b>	Production
<b>Equipment Condition:</b>	No Damage
<b>Purchase Authorization:</b>	Verified

## Information Provided by the Party Requesting the Test

### Functional Description of the EUT:

Body Worn Camera with BT/BLE, Wi-Fi and LTE

### Testing Objective:

To demonstrate compliance of the Bluetooth (FHSS) radio to FCC 15.247 requirements. To demonstrate compliance of the Bluetooth (FHSS) radio to RSS-247 requirements.

### FCC ID:

AZ499FT7164

### IC:

109U-99FT7164

# PRODUCT DESCRIPTION



## Models and Descriptions:

FCC/ISED details for common reports – Please note tested one highlighted in yellow

FCC Model Number	ISED Model Number (HVIN)	Product Name (PMN)	Description
WGA00735	NA	V700	V700, BWC, 1080P, FN LTE, W/Rem Batt
WGA00725	NA	V700	V700, BWC, 1080P, VzW LTE, W/Rem Batt - USA (Verizon)
NA	WGA00745	V700	V700, BWC, 1080P, BELL LTE, W/Rem Batt Canada (Bell)
WGA00755	WGA00755	V700	BWC, 1080P, WIFI ONLY
NA	WGA00825	V700	V700, BWC, 1080P, BELL READY, W/Rem BATT- Canada (Bell)
WGA00925	NA	V700	V700, BWC, 1080P, FN LTE, W/Rem Batt - USA (AT&T-first net)
WGA01025	NA	V700	V700, BWC, 1080P, FN READY, W/Rem BATT - USA (AT&T-first net)

**Note:**

All Models are the same the only difference in the label. No hardware, mechanical or software change. The difference is due to offering to different customers. The model can be selected by configuration. All models (except WGA00755) are different by Carrier’s which require the Carrier’s SIM card. WGA00755 – includes only the WIFI and BT, no SIM and no Carrier  
WIFI 2.4GHz and BT do not transmit at the same time.

# POWER SETTINGS AND ANTENNAS



The power settings, antenna gain value(s) and cable loss (if applicable) used for the testing contained in this report were provided by the customer and will affect the validity of the results. Element assumes no responsibility for the accuracy of this information. The power settings below reflect the maximum power that the EUT is allowed to transmit at during normal operation.

## ANTENNA GAIN (dBi)

Antenna Label	Provided by:	Frequency Range	Gain (dBi)
ILA Type Metal Internal Antenna	Motorola Solutions Inc.	2402 – 2480 MHz	2.7

The EUT was tested using the power settings provided by the manufacturer which were based upon:

- Test software settings      Test software/firmware installed on EUT: \_\_\_\_\_
- Rated power settings

## SETTINGS FOR ALL TESTS IN THIS REPORT

Modulation Types	Type	Channel	Position	Frequency (MHz)	Power Setting
DH5 GFSK, 2DH5 pi/4-DQPSK, 3DH5 8-DPSK	FHSS	0 or 1	Low Channel	2402	
		39	Mid Channel	2440 or 2441	
		78 or 79	High Channel	2480	

# CONFIGURATIONS



## Configuration WTVD0085-1

Software/Firmware Running During Test	
Description	Version
V700 WiFi FCC Test Firmware	20221215205940
V700 BLE and BT Test Firmware	20221201210101
FVIN	1.0.0.56

EUT			
Description	Manufacturer	Model/Part Number	Serial Number
V700 Conducted Unit (LTE)	Motorola Solutions, Inc.	V700	BWL7-000968

Peripherals in Test Setup Boundary			
Description	Manufacturer	Model/Part Number	Serial Number
Laptop	HP	HP ZBOOK POWER G7	5CD145HL94
Laptop Brick	HP	TPN-CA11	9900000005084
USB Serial Board	Motorola Solutions, Inc.	WGA0707	None

Cables					
Cable Type	Shield	Length (m)	Ferrite	Connection 1	Connection 2
USB 2.0 A to B Cable	Yes	1.8m	No	Laptop	V700 Dock
USB 2.0 A to DB9 Cable	Yes	1.8m	No	Laptop	USB to Serial Board
Ribbon Cable	No	0.15m	No	V700 Conducted Unit	USB Serial Board

# CONFIGURATIONS



## Configuration WTVD0086- 1

Software/Firmware Running During Test	
Description	Version
V700 WiFi FCC Test Firmware	20221215205940
V700 BLE and BT Test Firmware	20221201210101
FVIN	1.0.0.56

EUT			
Description	Manufacturer	Model/Part Number	Serial Number
V700 Radiated Unit	Motorola Solutions, Inc.	V700	BWL7-000539

Peripherals in Test Setup Boundary			
Description	Manufacturer	Model/Part Number	Serial Number
V700 Dock	Motorola Solutions, Inc.	UB02	UB02-028046
Laptop	HP	HP ZBOOK POWER G7	5CD145HL94
Laptop Brick	HP	TPN-CA11	9900000005084
USB Serial Board	Motorola Solutions, Inc.	WGA0707	None
V700 Power Supply	GlobTek, Inc.	GT-21089-1512-W3	708845150/21

Cables					
Cable Type	Shield	Length (m)	Ferrite	Connection 1	Connection 2
USB 2.0 A to B Cable	Yes	1.8m	No	Laptop	V700 Dock

# MODIFICATIONS



## Equipment Modifications

Item	Date	Test	Modification	Note	Disposition of EUT
1	2022-12-22	Spurious Radiated Emissions	Tested as delivered to test Station.	No EMI suppression devices were added or modified during this test.	EUT remained at Element following the test.
2	2023-04-25	DTS Bandwidth	Tested as delivered to test Station.	No EMI suppression devices were added or modified during this test.	EUT remained at Element following the test.
3	2023-04-25	Occupied Bandwidth	Tested as delivered to test Station.	No EMI suppression devices were added or modified during this test.	EUT remained at Element following the test.
4	2023-04-25	Output Power	Tested as delivered to test Station.	No EMI suppression devices were added or modified during this test.	EUT remained at Element following the test.
5	2023-04-25	Equivalent Isotropic Radiated Power (EIRP)	Tested as delivered to test Station.	No EMI suppression devices were added or modified during this test.	EUT remained at Element following the test.
6	2023-04-25	Power Spectral Density	Tested as delivered to test Station.	No EMI suppression devices were added or modified during this test.	EUT remained at Element following the test.
7	2023-04-25	Band Edge Compliance	Tested as delivered to test Station.	No EMI suppression devices were added or modified during this test.	EUT remained at Element following the test.
8	2023-04-25	Spurious Conducted Emissions	Tested as delivered to test Station.	No EMI suppression devices were added or modified during this test.	EUT remained at Element following the test.
9	2023-04-25	Duty Cycle	Tested as delivered to test Station.	No EMI suppression devices were added or modified during this test.	Scheduled testing was completed.



# OCCUPIED BANDWIDTH (99%)



element

XMit 2023.02.14.0

Testing was performed using the mode(s) of operation and configuration(s) noted within the report. The individuals and/or the organization requesting the test provided the modes, configurations and settings used to complete the evaluation. The actual test parameters are specified in the test data, this includes items such as investigated frequency range (scanned) and test levels. The testing methods and performance specifications, as well as the test site used for the evaluation are indicated in the test data.

## TEST EQUIPMENT

Description	Manufacturer	Model	ID	Last Cal.	Cal. Due
Attenuator	Fairview Microwave	SA4018-20	TYE	2022-09-13	2023-09-13
Cable	Micro-Coax	UFD150A-1-0720-200200	TXG	2022-12-08	2023-12-08
Block - DC	Fairview Microwave	SD3239	ANE	2023-02-16	2024-02-16
Generator - Signal	Agilent	N5173B	TIW	2020-07-17	2023-07-17
Analyzer - Spectrum Analyzer	Agilent	N9010A	AFL	2023-03-17	2024-03-17

## TEST DESCRIPTION

The measurement was made using a direct connection between the RF output of the EUT and a spectrum analyzer.

The 99% occupied bandwidth was measured with the EUT configured for continuous modulated operation.

Per ANSI C63.10:2013, 6.9.3, the spectrum analyzer was configured as follows:

The span of the analyzer shall be set to capture all products of the modulation process, including the emission skirts.

The resolution bandwidth (RBW) of the spectrum analyzer was set to the range of 1% to 5% of the occupied bandwidth (OBW) and video bandwidth (VBW) bandwidth was set to at least 3 times the resolution bandwidth. The analyzer sweep time was set to auto to prevent video filtering or averaging. A sample detector was used unless the device was not able to be operated in a continuous transmit mode, in which case a peak detector was used.

The spectrum analyzer occupied bandwidth measurement function was used to sum the power of the transmission in linear terms to obtain the 99% bandwidth.

# OCCUPIED BANDWIDTH (99%)



TelTx 2022.06.03.0 XMt 2023.02.14.0

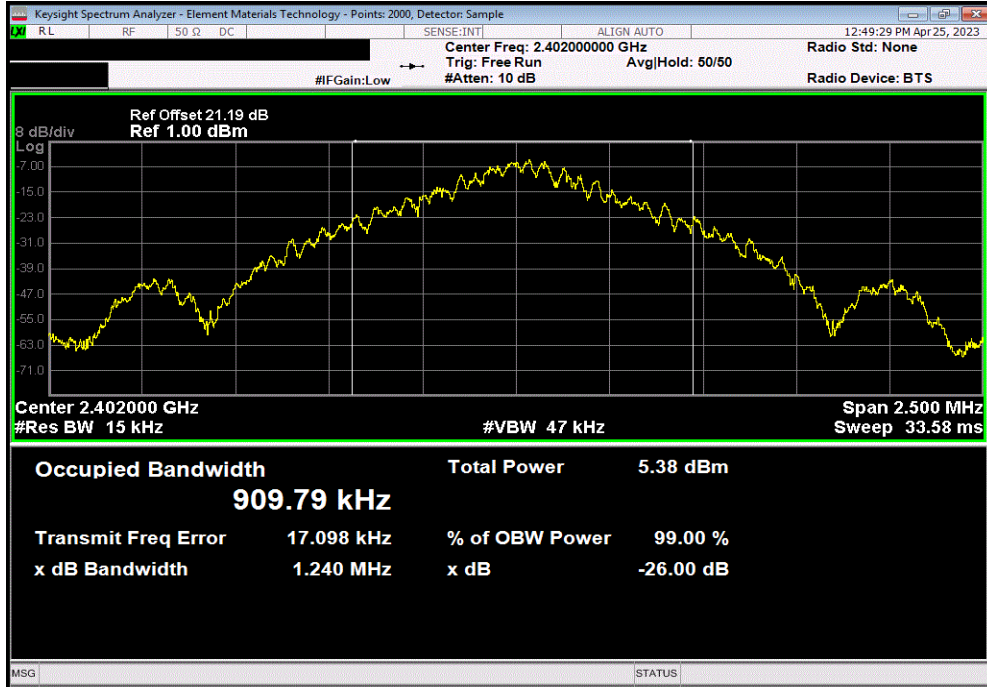
EUT: V700		Work Order: WTVD0085	
Serial Number: BWL7-000968		Date: 04/25/2023	
Customer: Motorola Solutions, Inc.		Temperature: 23.4°C	
Attendees: Navaid Karimi		Humidity: 38.1%	
Project: None		Barometric Pres.: 1015 mbar	
Tested by: Marty Martin	Power: 4.2VDC via Battery	Job Site: TX07	
TEST SPECIFICATIONS			
FCC 15.247:2023		Test Method	
RSS-Gen Issue 5:2018+A1:2019+A2:2021		ANSI C63.10:2013	
		ANSI C63.10:2013	
COMMENTS			
All measurement path losses were accounted for in the reference level offset including any attenuators, filters, and DC blocks.			
DEVIATIONS FROM TEST STANDARD			
None			
Configuration #	WTVD0085-1	Signature <i>Marty Martin</i>	
		Value	Limit
DH5, GFSK			
	Low Channel, 2402 MHz	909.789 kHz	N/A
	Mid Channel, 2440 MHz	907.16 kHz	N/A
	High Channel, 2480 MHz	907.502 kHz	N/A
2DH5, pi/4-DQPSK			
	Low Channel, 2402 MHz	1.22 MHz	N/A
	Mid Channel, 2440 MHz	1.229 MHz	N/A
	High Channel, 2480 MHz	1.235 MHz	N/A
3DH5, 8-DPSK			
	Low Channel, 2402 MHz	1.229 MHz	N/A
	Mid Channel, 2440 MHz	1.235 MHz	N/A
	High Channel, 2480 MHz	1.24 MHz	N/A

# OCCUPIED BANDWIDTH (99%)

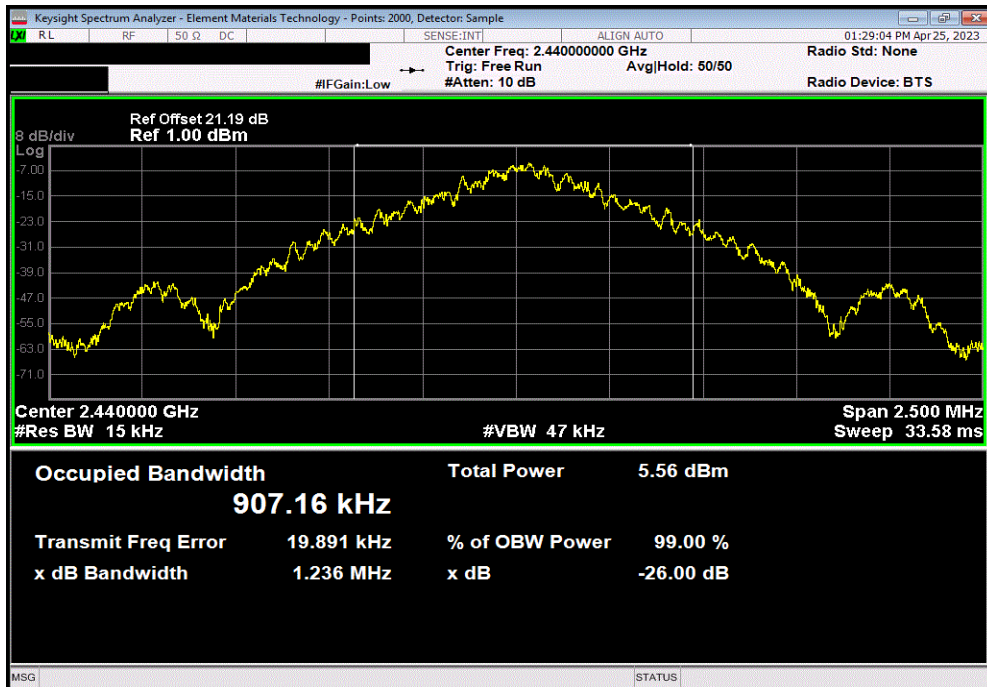


TbTx 2022.06.03.0 XMI 2023.02.14.0

DH5, GFSK, Low Channel, 2402 MHz			
	Value	Limit	Result
	909.789 kHz	N/A	N/A



DH5, GFSK, Mid Channel, 2440 MHz			
	Value	Limit	Result
	907.16 kHz	N/A	N/A

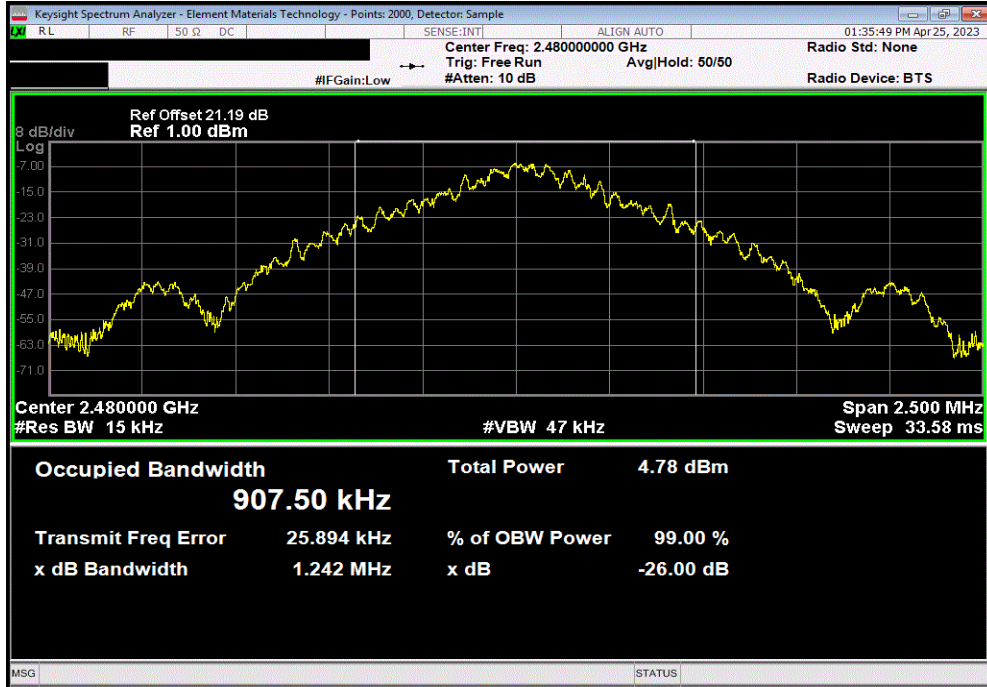


# OCCUPIED BANDWIDTH (99%)

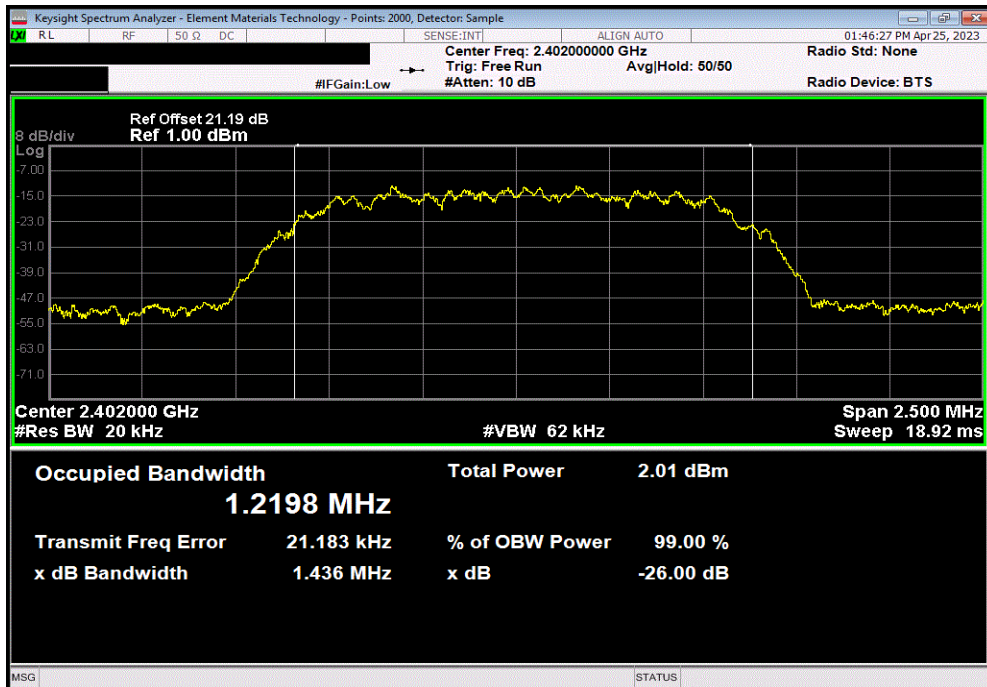


TbTx 2022.06.03.0 XMI 2023.02.14.0

DH5, GFSK, High Channel, 2480 MHz						
				Value	Limit	Result
				907.502 kHz	N/A	N/A



2DH5, pi/4-DQPSK, Low Channel, 2402 MHz						
				Value	Limit	Result
				1.22 MHz	N/A	N/A

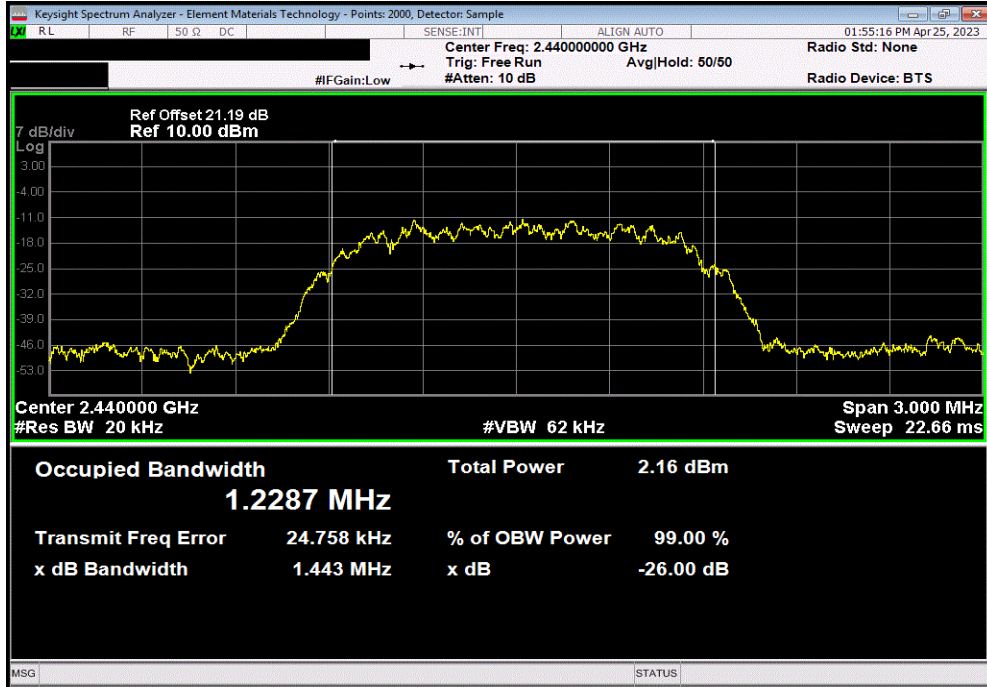


# OCCUPIED BANDWIDTH (99%)

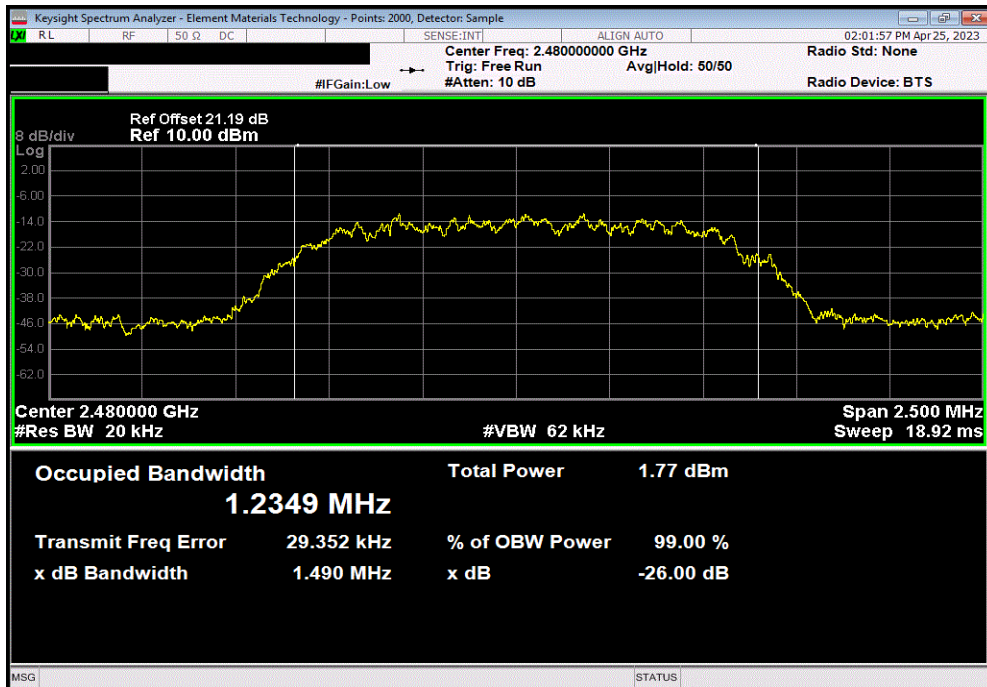


TbTx 2022.06.03.0 XMI 2023.02.14.0

2DH5, pi/4-DQPSK, Mid Channel, 2440 MHz						
				Value	Limit	Result
				1.229 MHz	N/A	N/A



2DH5, pi/4-DQPSK, High Channel, 2480 MHz						
				Value	Limit	Result
				1.235 MHz	N/A	N/A

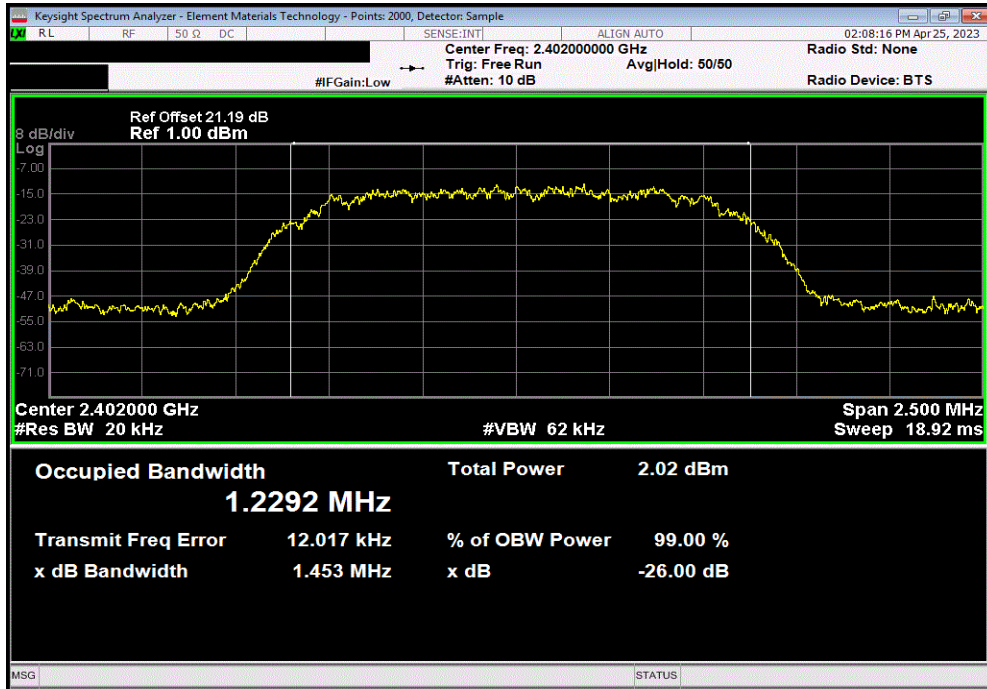


# OCCUPIED BANDWIDTH (99%)

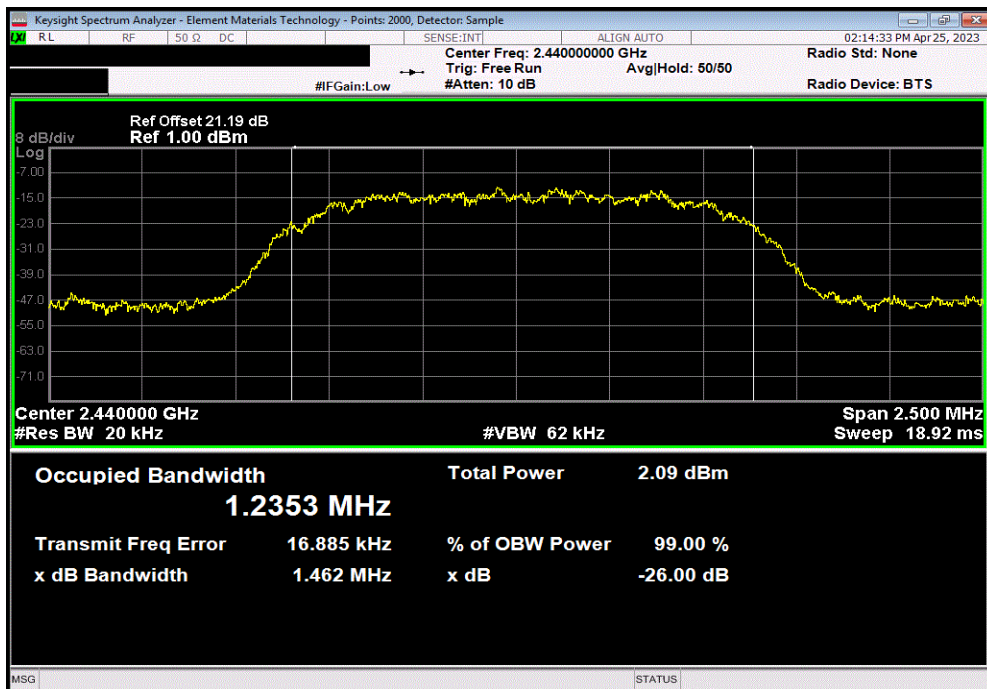


TbTx 2022.06.03.0 XMI 2023.02.14.0

3DH5, 8-DPSK, Low Channel, 2402 MHz						
				Value	Limit	Result
				1.229 MHz	N/A	N/A



3DH5, 8-DPSK, Mid Channel, 2440 MHz						
				Value	Limit	Result
				1.235 MHz	N/A	N/A

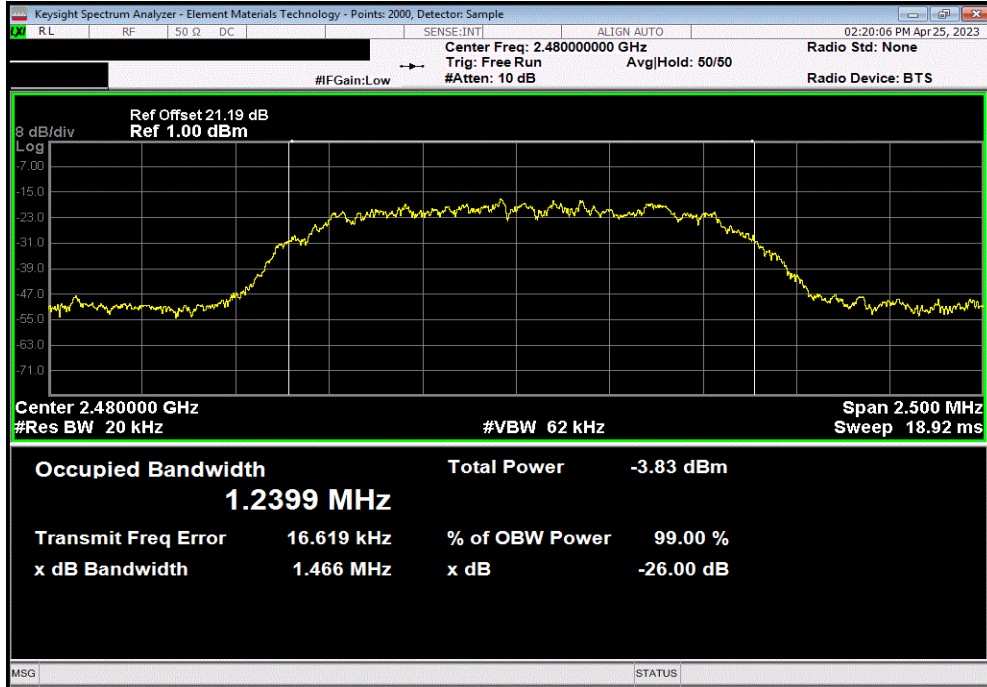


# OCCUPIED BANDWIDTH (99%)



TbTx 2022.06.03.0 XMI 2023.02.14.0

3DH5, 8-DPSK, High Channel, 2480 MHz				Value	Limit	Result
				1.24 MHz	N/A	N/A



# DUTY CYCLE



XMI 2023.02.14.0

Testing was performed using the mode(s) of operation and configuration(s) noted within the report. The individuals and/or the organization requesting the test provided the modes, configurations and settings used to complete the evaluation. The actual test parameters are specified in the test data, this includes items such as investigated frequency range (scanned) and test levels. The testing methods and performance specifications, as well as the test site used for the evaluation are indicated in the test data.

## TEST EQUIPMENT

Description	Manufacturer	Model	ID	Last Cal.	Cal. Due
Attenuator	Fairview Microwave	SA4018-20	TYE	2022-09-13	2023-09-13
Block - DC	Fairview Microwave	SD3239	ANE	2023-02-16	2024-02-16
Cable	Micro-Coax	UFD150A-1-0720-200200	TXG	2022-12-08	2023-12-08
Generator - Signal	Agilent	N5173B	TIW	2020-07-17	2023-07-17
Analyzer - Spectrum Analyzer	Agilent	N9010A	AFL	2023-03-17	2024-03-17

## TEST DESCRIPTION

The measurement was made using a direct connection between the RF output of the EUT and a spectrum analyzer.

The Duty Cycle (x) of the single channel operation of the radio as controlled by the provided test software was measured for each of the EUT operating modes.

There is no compliance requirement to be met by this test, so therefore no Pass / Fail criteria.

The measurements were made using a zero span on the spectrum analyzer to see the pulses in the time domain. The transmit power was set to its default maximum.

The duty cycle was calculated by dividing the transmission pulse duration (T) by the total period of a single on and total off time.

If the transmit duty cycle < 98 percent, burst gating may have been used during some of the other tests in this report to only take the measurement during the burst duration.



# DUTY CYCLE



TelTx 2022.06.03.0 XMI 2023.02.14.0

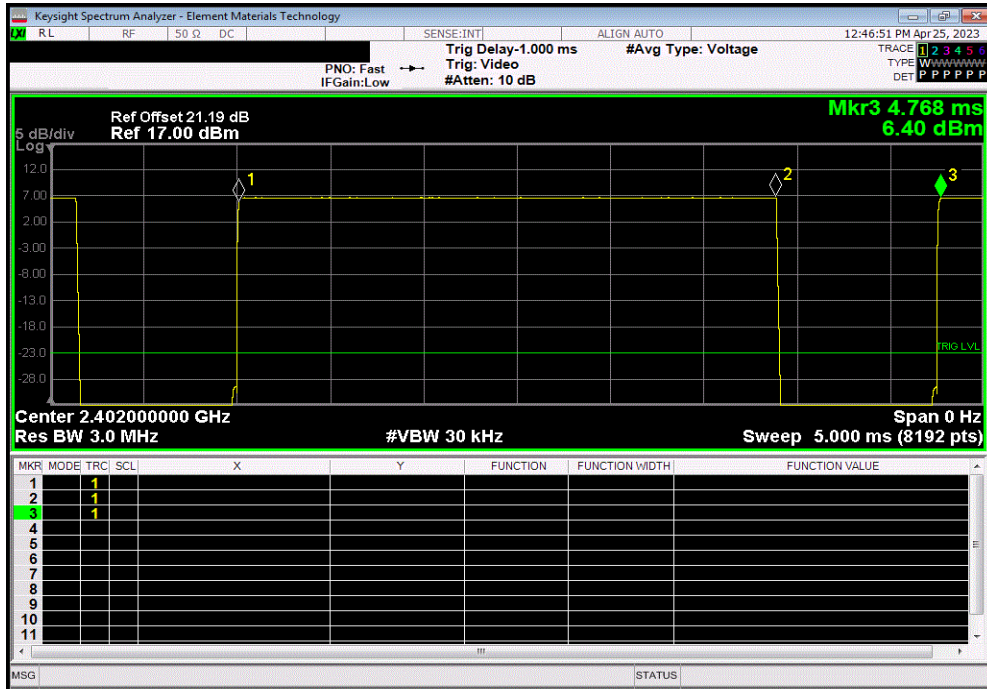
EUT: V700		Work Order: WTVD0085	
Serial Number: BWL7-000968		Date: 04/25/2023	
Customer: Motorola Solutions, Inc.		Temperature: 21.3°C	
Attendees: Navaid Karimi		Humidity: 41.8%	
Project: None		Barometric Pres.: 1015 mbar	
Tested by: Marty Martin	Power: 4.2VDC via Battery	Job Site: TX07	
<b>TEST SPECIFICATIONS</b>			
FCC 15.247:2023		Test Method	
RSS-247 Issue 2:2017		ANSI C63.10:2013	
		ANSI C63.10:2013	
<b>COMMENTS</b>			
All measurement path losses were accounted for in the reference level offset including any attenuators, filters, and DC blocks.			
<b>DEVIATIONS FROM TEST STANDARD</b>			
None			
Configuration #	WTVD0085-1	Signature <i>Marty Martin</i>	
		Pulse Width	Period
			Number of Pulses
			Value (%)
			Limit (%)
			Results
<b>DH5, GFSK</b>			
	Low Channel, 2402 MHz	2.876 ms	3.759 ms
	Low Channel, 2402 MHz	N/A	N/A
	Mid Channel, 2440 MHz	2.871 ms	3.752 ms
	Mid Channel, 2440 MHz	N/A	N/A
	High Channel, 2480 MHz	2.871 ms	3.751 ms
	High Channel, 2480 MHz	N/A	N/A
<b>2DH5, pi/4-DQPSK</b>			
	Low Channel, 2402 MHz	2.878 ms	3.755 ms
	Low Channel, 2402 MHz	N/A	N/A
	Mid Channel, 2440 MHz	2.874 ms	3.751 ms
	Mid Channel, 2440 MHz	N/A	N/A
	High Channel, 2480 MHz	2.877 ms	3.751 ms
	High Channel, 2480 MHz	N/A	N/A
<b>3DH5, 8-DPSK</b>			
	Low Channel, 2402 MHz	2.877 ms	3.751 ms
	Low Channel, 2402 MHz	N/A	N/A
	Mid Channel, 2440 MHz	2.878 ms	3.752 ms
	Mid Channel, 2440 MHz	N/A	N/A
	High Channel, 2480 MHz	2.879 ms	3.75 ms
	High Channel, 2480 MHz	N/A	N/A

# DUTY CYCLE

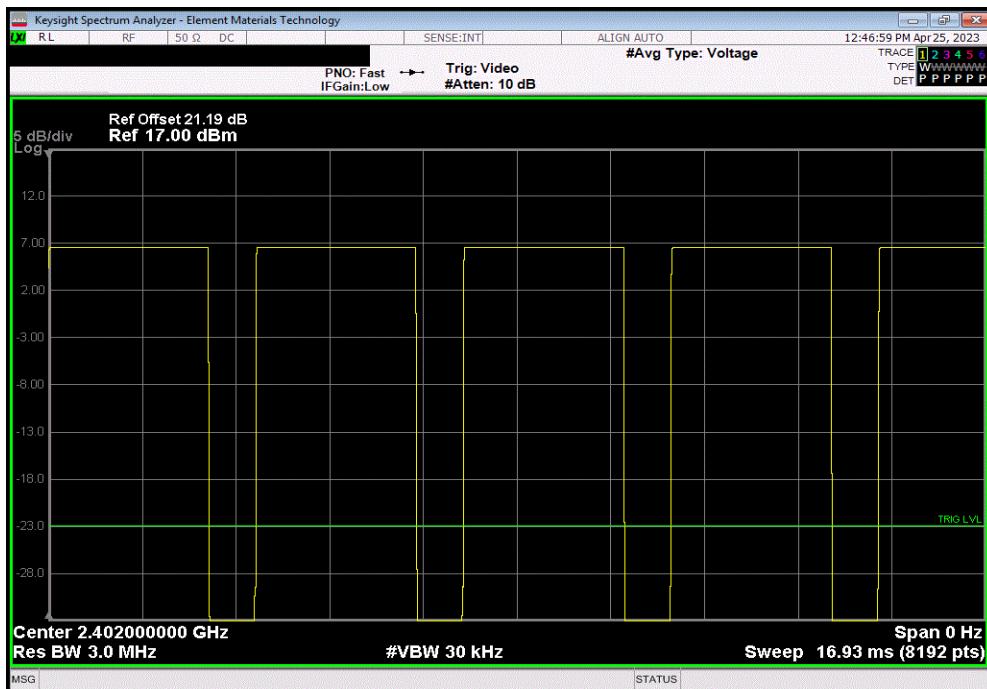


TbTx 2022.06.03.0 XMI 2023.02.14.0

DH5, GFSK, Low Channel, 2402 MHz						
Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results	
2.876 ms	3.759 ms	1	76.5	N/A	N/A	



DH5, GFSK, Low Channel, 2402 MHz						
Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results	
N/A	N/A	5	N/A	N/A	N/A	

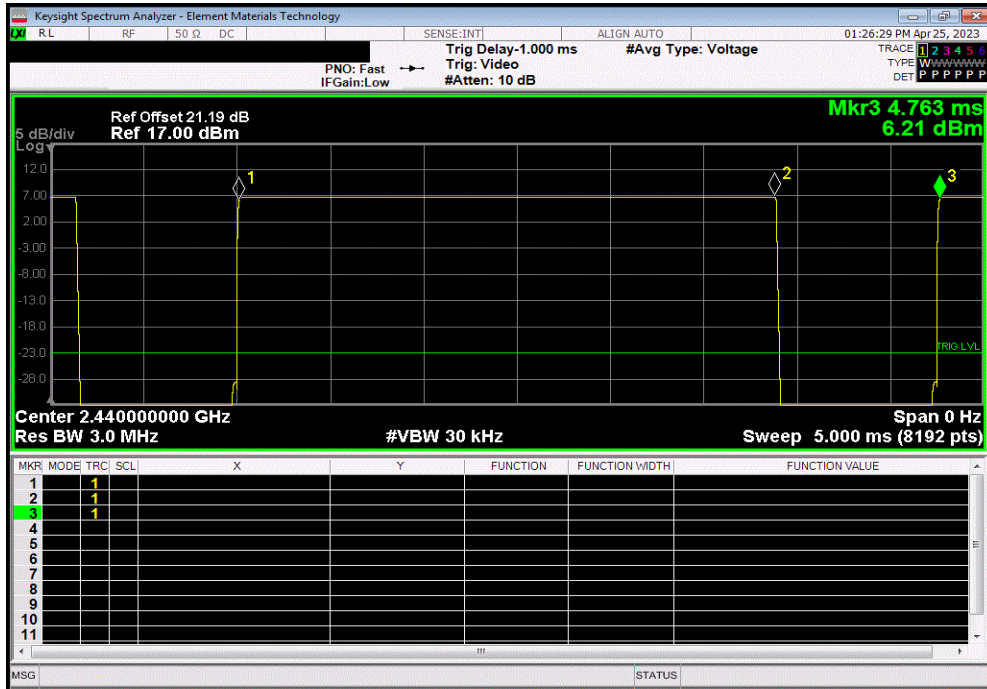


# DUTY CYCLE

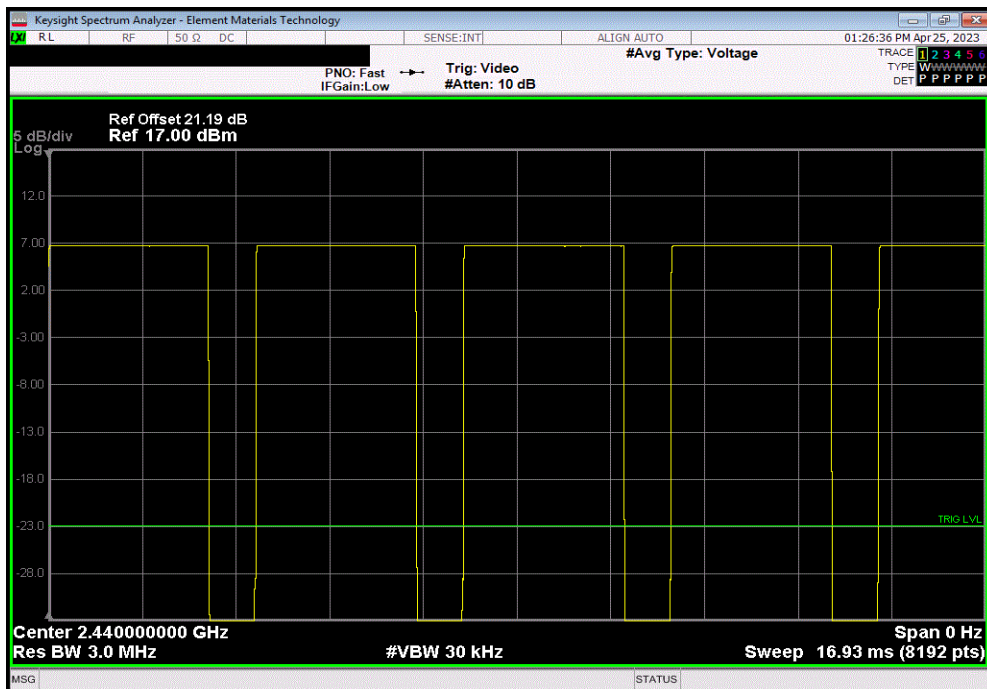


TbTx 2022.06.03.0 XMI 2023.02.14.0

DH5, GFSK, Mid Channel, 2440 MHz						
Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results	
2.871 ms	3.752 ms	1	76.5	N/A	N/A	



DH5, GFSK, Mid Channel, 2440 MHz						
Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results	
N/A	N/A	5	N/A	N/A	N/A	

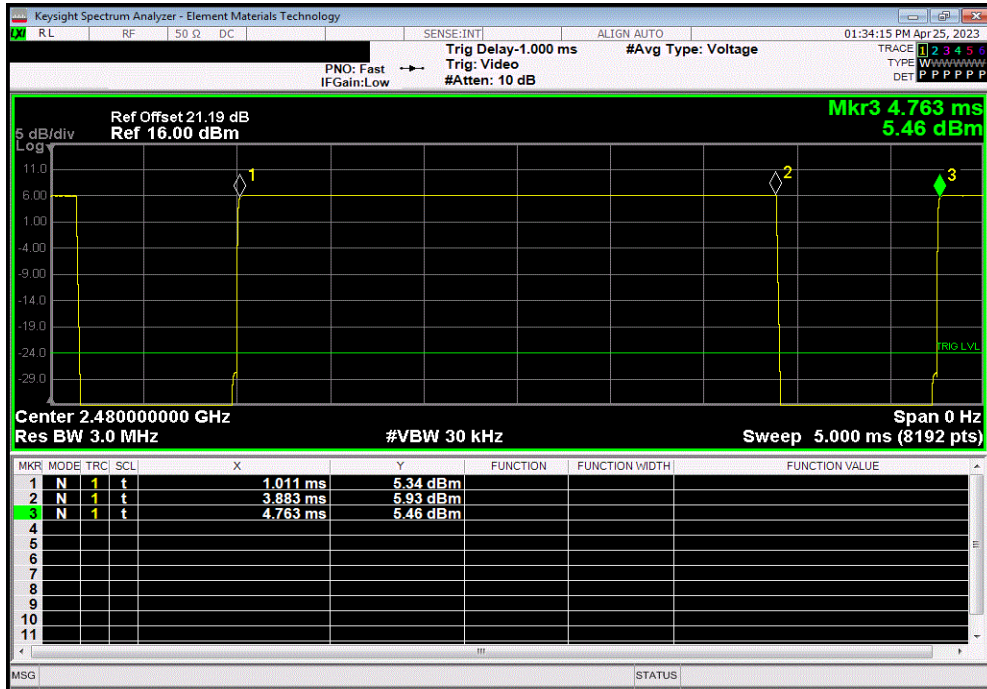


# DUTY CYCLE

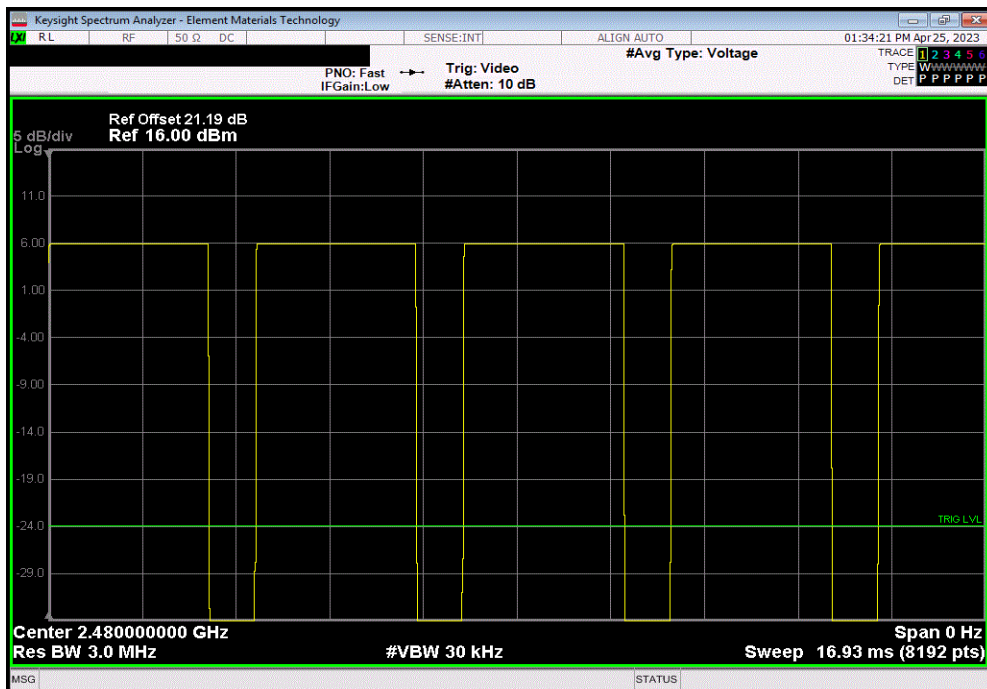


TbTx 2022.06.03.0 XMt 2023.02.14.0

DH5, GFSK, High Channel, 2480 MHz						
Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results	
2.871 ms	3.751 ms	1	76.6	N/A	N/A	



DH5, GFSK, High Channel, 2480 MHz						
Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results	
N/A	N/A	5	N/A	N/A	N/A	

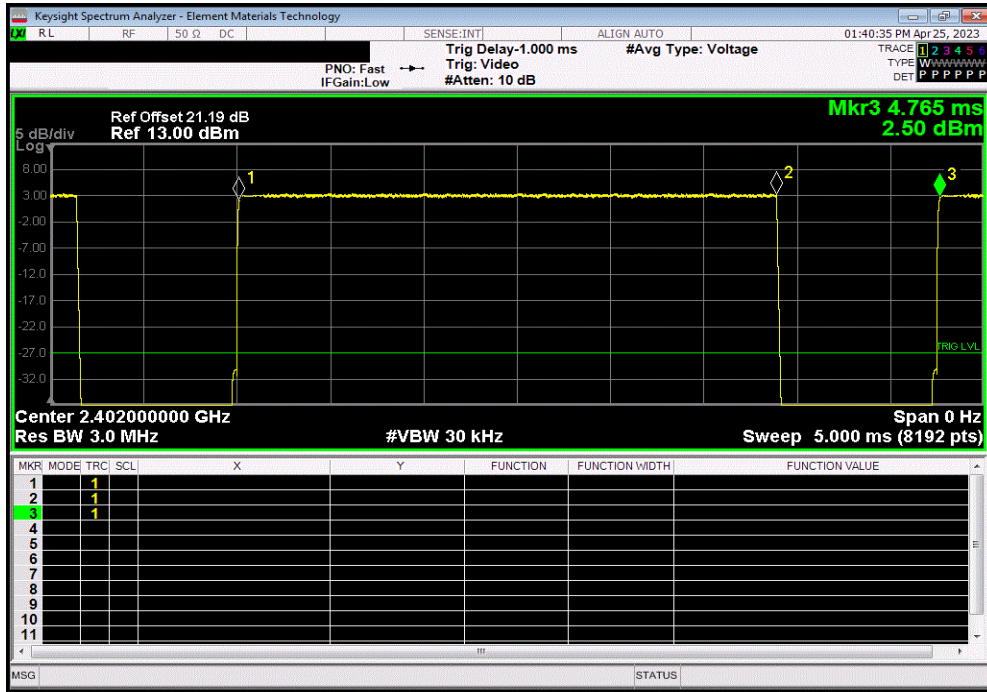


# DUTY CYCLE

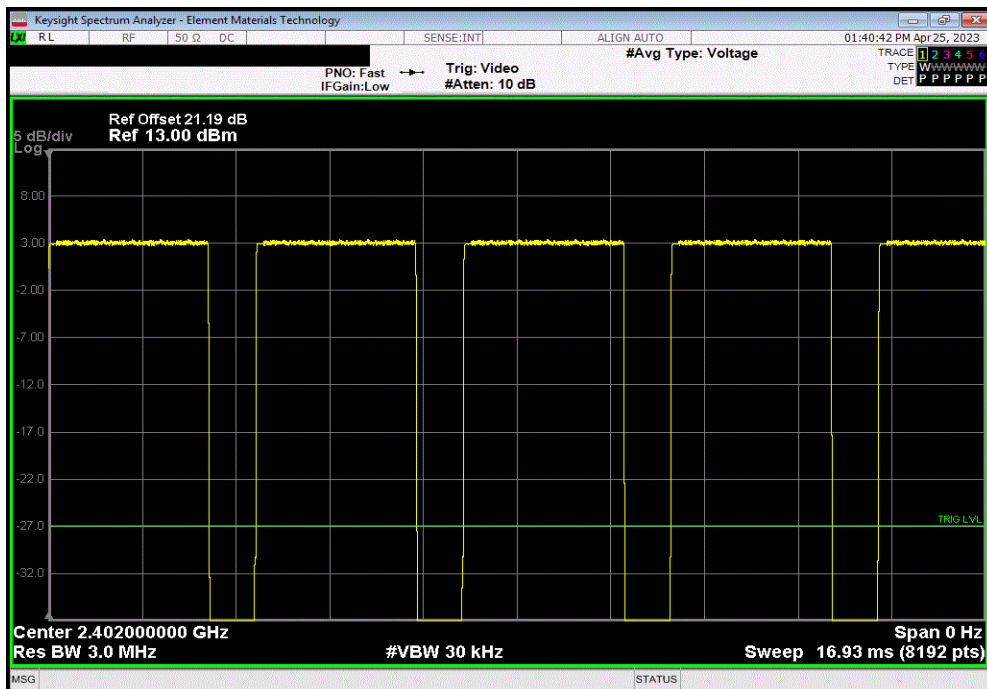


TbTx 2022.06.03.0 XMI 2023.02.14.0

2DH5, pi/4-DQPSK, Low Channel, 2402 MHz						
Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results	
2.878 ms	3.755 ms	1	76.7	N/A	N/A	



2DH5, pi/4-DQPSK, Low Channel, 2402 MHz						
Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results	
N/A	N/A	5	N/A	N/A	N/A	

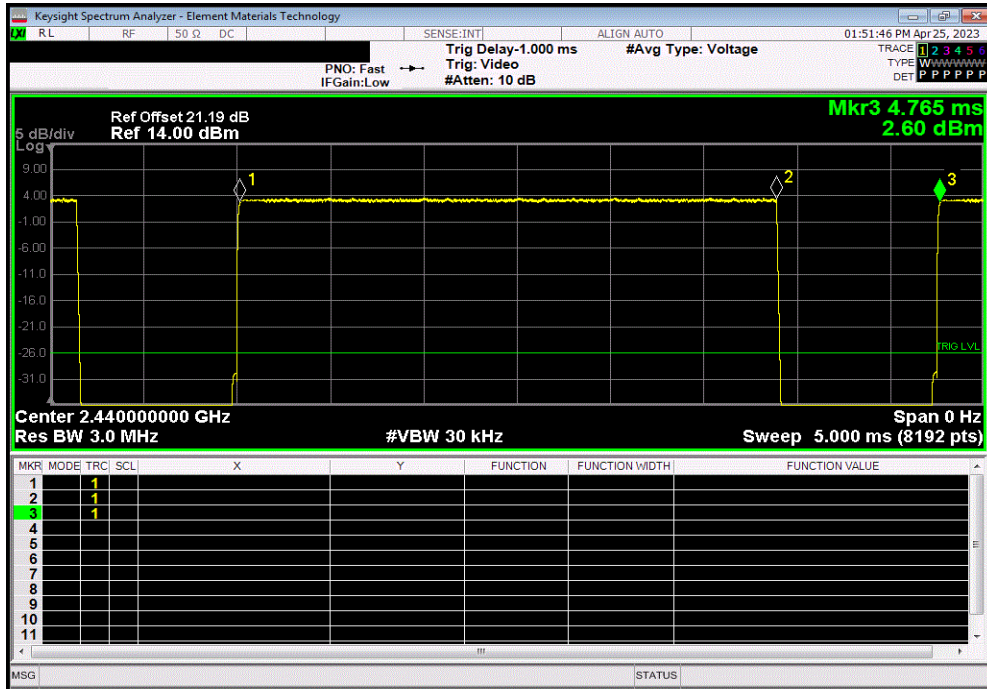


# DUTY CYCLE

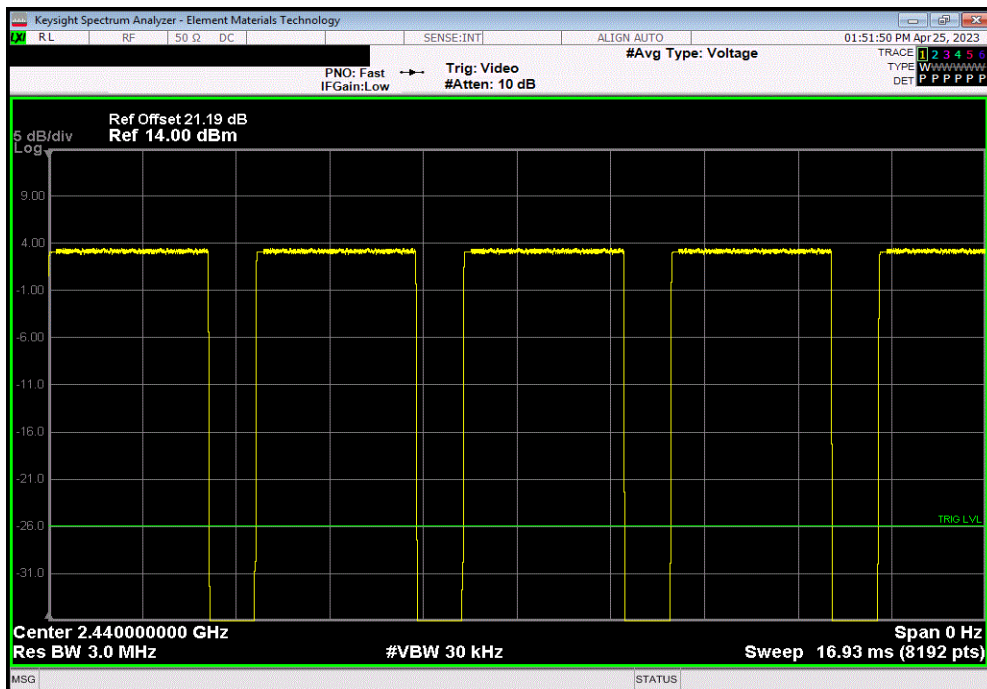


TbTx 2022.06.03.0 XMI 2023.02.14.0

2DH5, pi/4-DQPSK, Mid Channel, 2440 MHz						
Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results	
2.874 ms	3.751 ms	1	76.6	N/A	N/A	



2DH5, pi/4-DQPSK, Mid Channel, 2440 MHz						
Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results	
N/A	N/A	5	N/A	N/A	N/A	

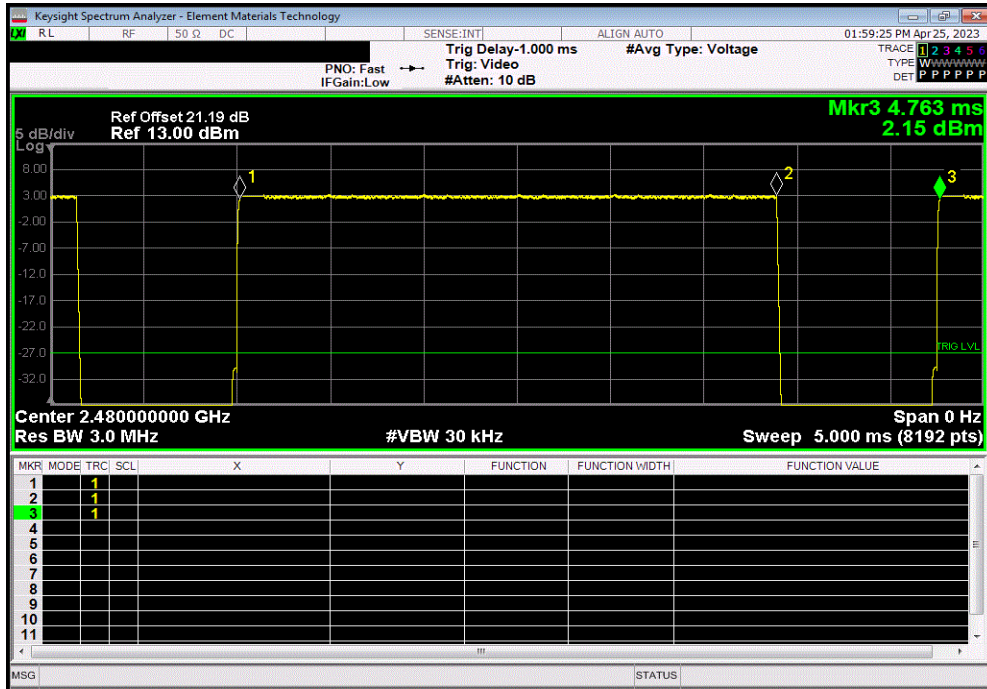


# DUTY CYCLE

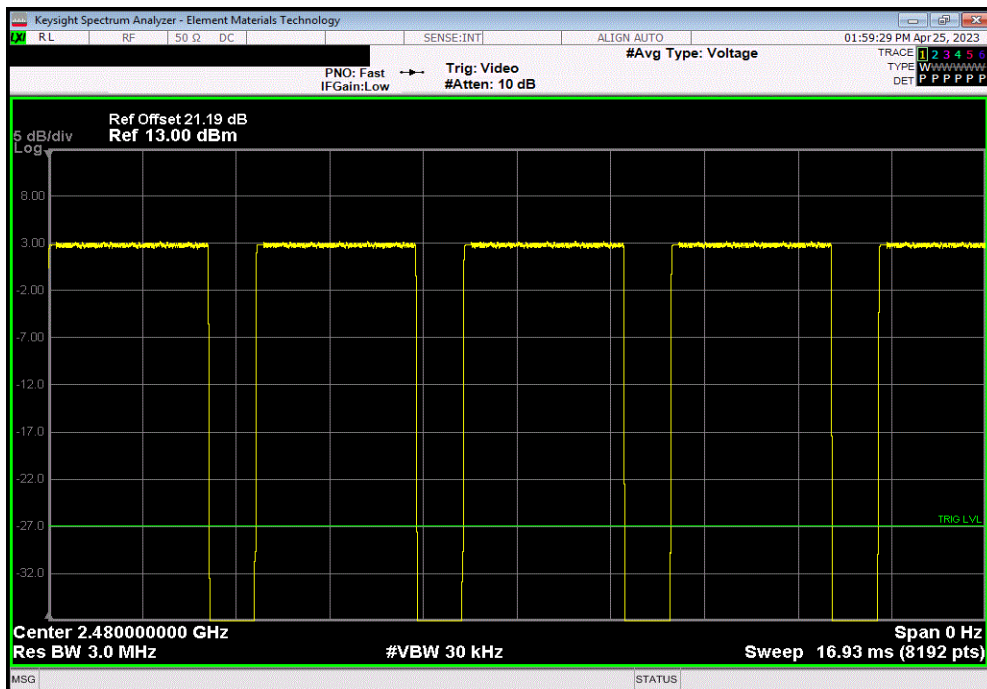


TbTx 2022.06.03.0 XMI 2023.02.14.0

2DH5, pi/4-DQPSK, High Channel, 2480 MHz						
Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results	
2.877 ms	3.751 ms	1	76.7	N/A	N/A	



2DH5, pi/4-DQPSK, High Channel, 2480 MHz						
Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results	
N/A	N/A	5	N/A	N/A	N/A	

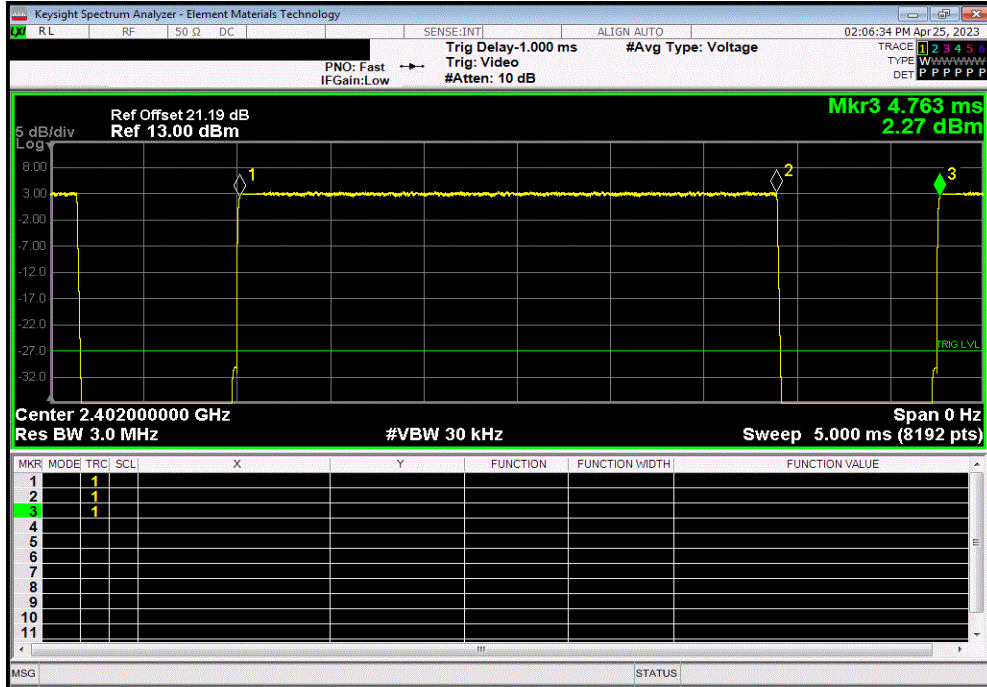


# DUTY CYCLE

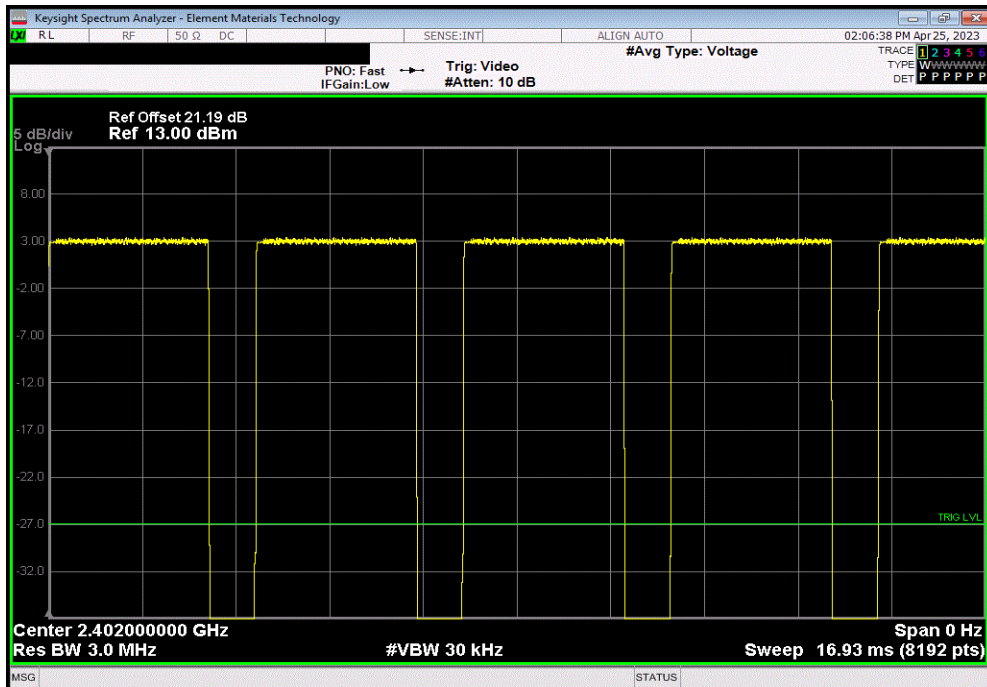


TbTx 2022.06.03.0 XMI 2023.02.14.0

3DH5, 8-DPSK, Low Channel, 2402 MHz						
Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results	
2.877 ms	3.751 ms	1	76.7	N/A	N/A	



3DH5, 8-DPSK, Low Channel, 2402 MHz						
Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results	
N/A	N/A	5	N/A	N/A	N/A	



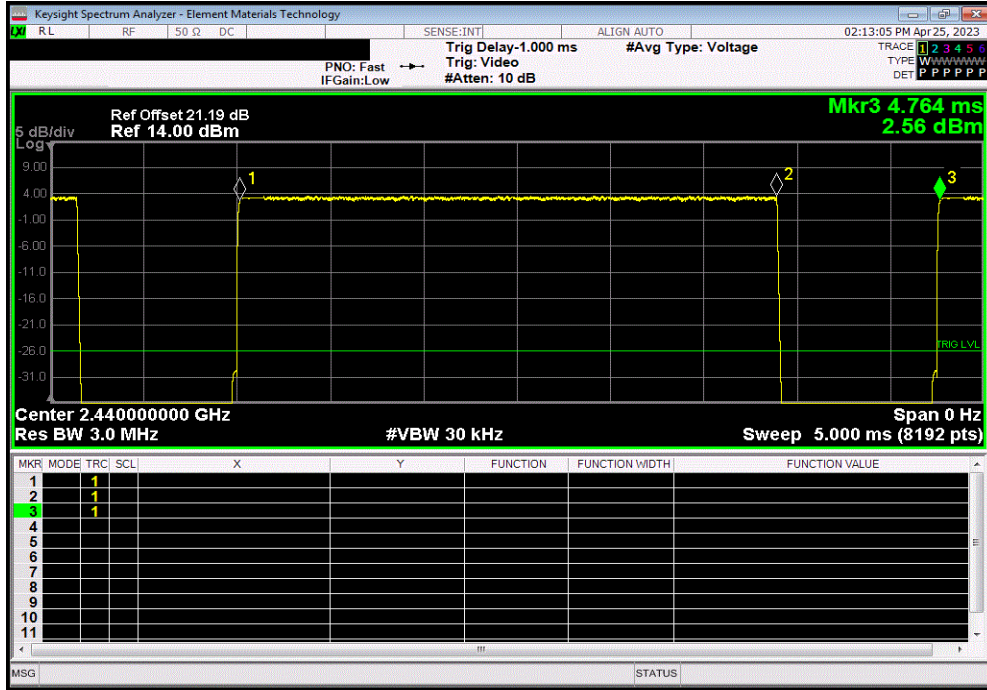


# DUTY CYCLE

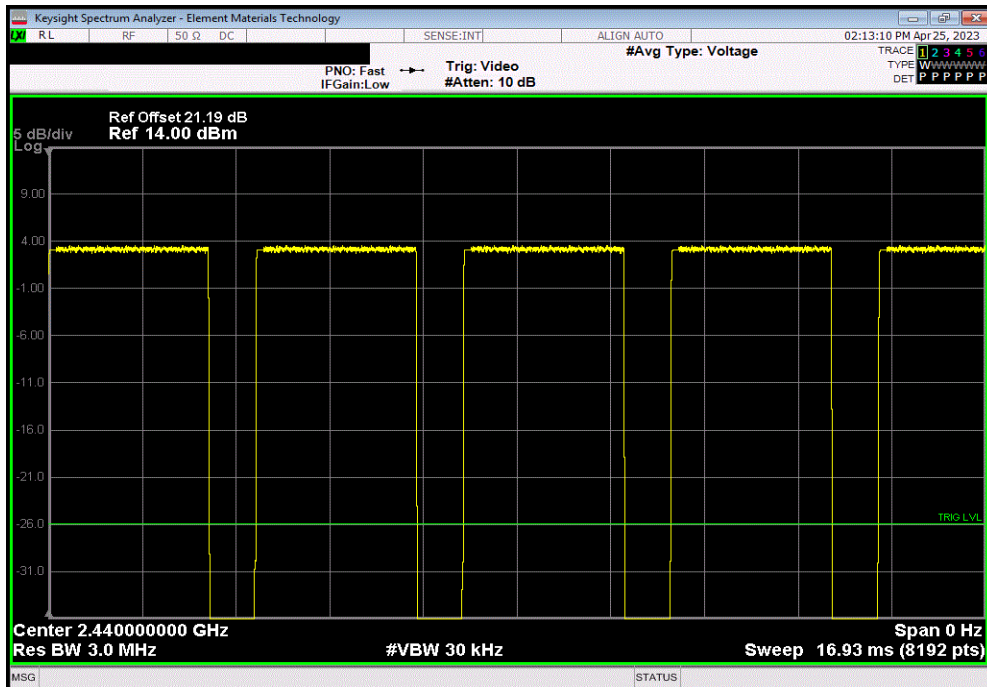


TbTx 2022.06.03.0 XMI 2023.02.14.0

3DH5, 8-DPSK, Mid Channel, 2440 MHz						
Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results	
2.878 ms	3.752 ms	1	76.7	N/A	N/A	



3DH5, 8-DPSK, Mid Channel, 2440 MHz						
Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results	
N/A	N/A	5	N/A	N/A	N/A	

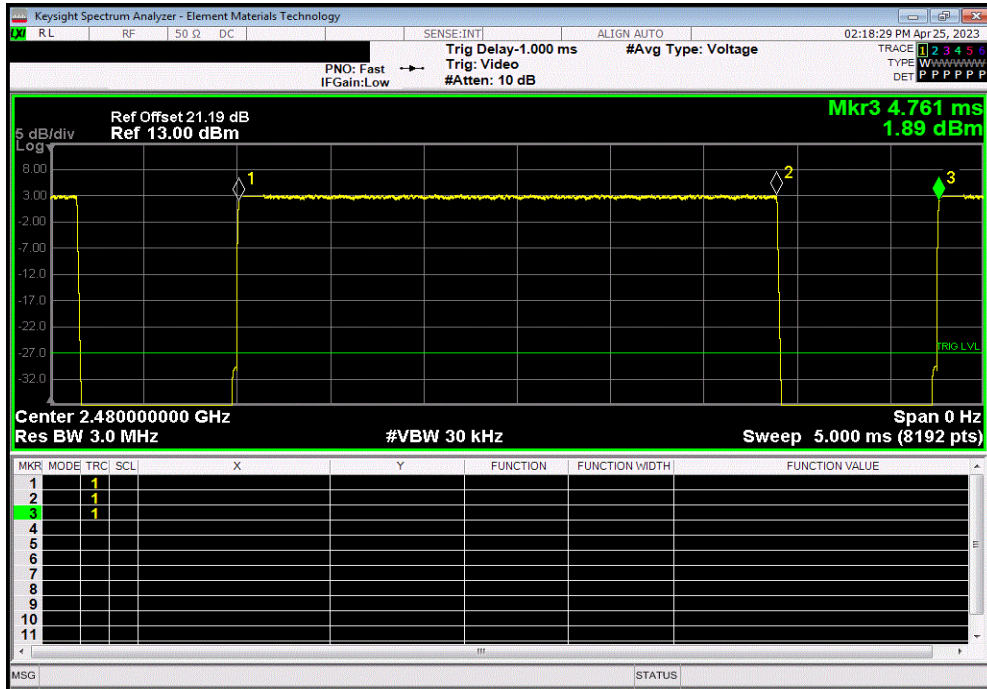


# DUTY CYCLE

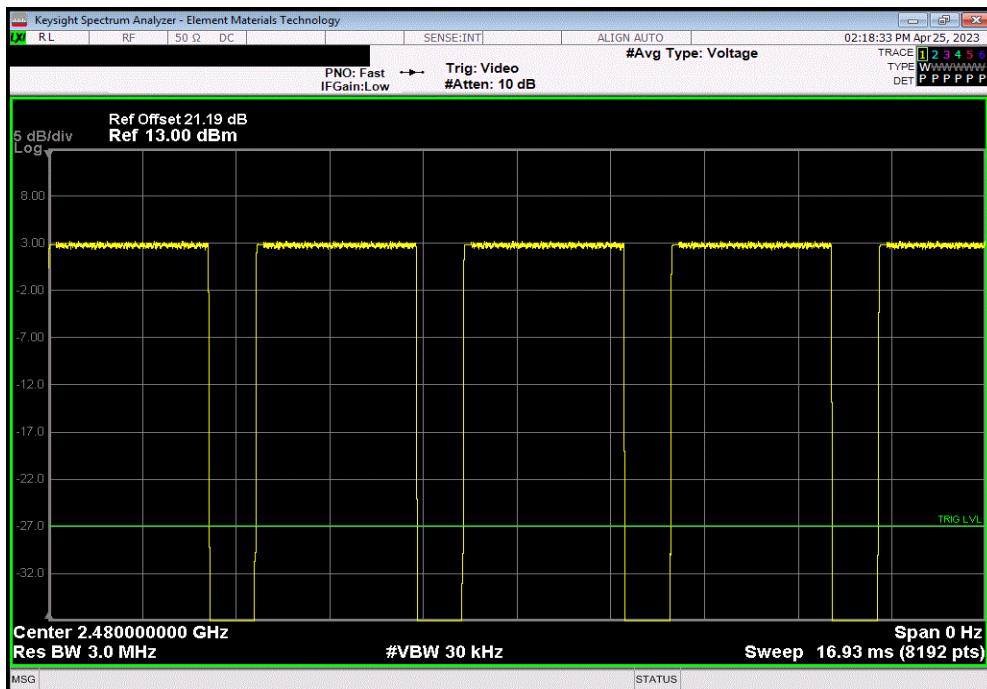


TbTx 2022.06.03.0 XMI 2023.02.14.0

3DH5, 8-DPSK, High Channel, 2480 MHz						
Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results	
2.879 ms	3.75 ms	1	76.8	N/A	N/A	



3DH5, 8-DPSK, High Channel, 2480 MHz						
Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results	
N/A	N/A	5	N/A	N/A	N/A	



# CARRIER FREQUENCY SEPARATION



XMIT 2023.02.14.0

Testing was performed using the mode(s) of operation and configuration(s) noted within the report. The individuals and/or the organization requesting the test provided the modes, configurations and settings used to complete the evaluation. The actual test parameters are specified in the test data, this includes items such as investigated frequency range (scanned) and test levels. The testing methods and performance specifications, as well as the test site used for the evaluation are indicated in the test data.

## TEST EQUIPMENT

Description	Manufacturer	Model	ID	Last Cal.	Cal. Due
Cable	Micro-Coax	UFD150A-1-0720-200200	TXG	2022-12-08	2023-12-08
Block - DC	Fairview Microwave	SD3239	ANE	2023-02-16	2024-02-16
Attenuator	Fairview Microwave	SA4018-20	TYE	2022-09-13	2023-09-13
Generator - Signal	Agilent	N5173B	TIW	2020-07-17	2023-07-17
Analyzer - Spectrum Analyzer	Agilent	N9010A	AFL	2023-03-17	2024-03-17

## TEST DESCRIPTION

The measurement was made using a direct connection between the RF output of the EUT and a spectrum analyzer.

The channel carrier frequencies in the 2400-2483.5MHz band must be separated by 25 kHz or the 20dB bandwidth of the hopping channel, whichever is greater. Or, if the output power is less than 125 mW, the channel separation can be 25 kHz or 2/3 of the 20dB bandwidth. The EUT was operated in pseudorandom hopping mode. The spectrum was scanned across two adjacent peaks. The separation between the peaks of these channels was measured.

# CARRIER FREQUENCY SEPARATION



TelTx 2022.06.03.0 XMI 2023.02.14.0

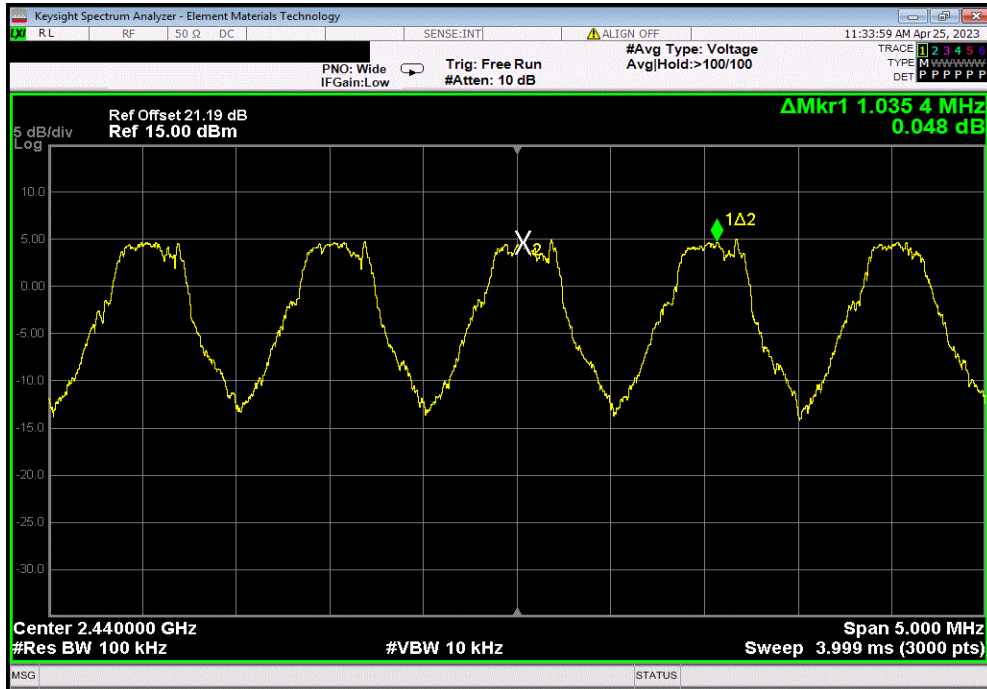
EUT: V700		Work Order: WTVD0085	
Serial Number: BWL7-000968		Date: 04/25/2023	
Customer: Motorola Solutions, Inc.		Temperature: 23°C	
Attendees: Navaid Karimi		Humidity: 38.3%	
Project: None		Barometric Pres.: 1015 mbar	
Tested by: Marty Martin	Power: 4.2VDC via Battery	Job Site: TX07	
<b>TEST SPECIFICATIONS</b>			
FCC 15.247:2023		ANSI C63.10:2013	
RSS-247 Issue 2:2017		ANSI C63.10:2013	
<b>COMMENTS</b>			
All measurement path losses were accounted for in the reference level offset including any attenuators, filters, and DC blocks.			
<b>DEVIATIONS FROM TEST STANDARD</b>			
None			
Configuration #	WTVD0085-1	Signature <i>Marty Martin</i>	
		Value	Limit (±) Results
Hopping Mode (All Channels) DH5, GFSK Mid Channel, 2440 MHz		1.0 MHz	1 MHz Pass

# CARRIER FREQUENCY SEPARATION



TbTx 2022.06.03.0 XMI 2023.02.14.0

Hopping Mode (All Channels), DH5, GFSK, Mid Channel, 2440 MHz						
			Value	Limit	Results	
				(≥)		
			1.0 MHz	1 MHz	Pass	



# NUMBER OF HOPPING FREQUENCIES



XMit 2023.02.14.0

Testing was performed using the mode(s) of operation and configuration(s) noted within the report. The individuals and/or the organization requesting the test provided the modes, configurations and settings used to complete the evaluation. The actual test parameters are specified in the test data, this includes items such as investigated frequency range (scanned) and test levels. The testing methods and performance specifications, as well as the test site used for the evaluation are indicated in the test data.

## TEST EQUIPMENT

Description	Manufacturer	Model	ID	Last Cal.	Cal. Due
Attenuator	Fairview Microwave	SA4018-20	TYE	2022-09-13	2023-09-13
Block - DC	Fairview Microwave	SD3239	ANE	2023-02-16	2024-02-16
Cable	Micro-Coax	UFD150A-1-0720-200200	TXG	2022-12-08	2023-12-08
Generator - Signal	Agilent	N5173B	TIW	2020-07-17	2023-07-17
Analyzer - Spectrum Analyzer	Agilent	N9010A	AFL	2023-03-17	2024-03-17

## TEST DESCRIPTION

The measurement was made using a direct connection between the RF output of the EUT and a spectrum analyzer.

The number of hopping frequencies was measured across the authorized band. The hopping function of the EUT was enabled.

# NUMBER OF HOPPING FREQUENCIES



TelTx 2022.06.03.0 XMI 2023.02.14.0

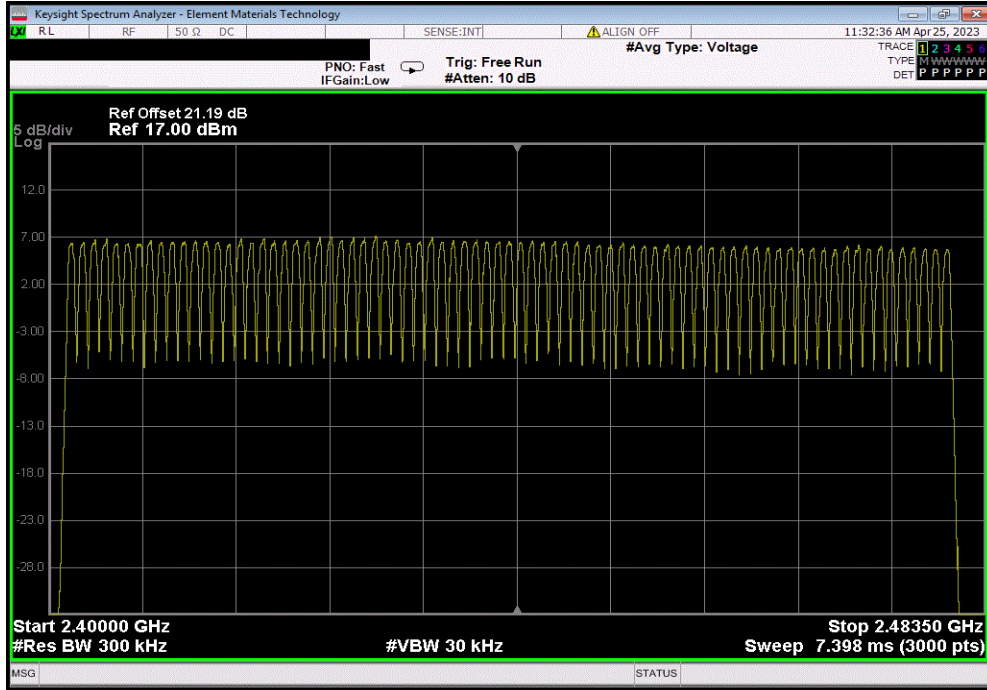
EUT: V700		Work Order: WTVD0085	
Serial Number: BWL7-000968		Date: 04/25/2023	
Customer: Motorola Solutions, Inc.		Temperature: 23.2°C	
Attendees: Navaid Karimi		Humidity: 37.9%	
Project: None		Barometric Pres.: 1015 mbar	
Tested by: Marty Martin	Power: 4.2VDC via Battery	Job Site: TX07	
TEST SPECIFICATIONS			
FCC 15.247:2023		ANSI C63.10:2013	
RSS-247 Issue 2:2017		ANSI C63.10:2013	
COMMENTS			
All measurement path losses were accounted for in the reference level offset including any attenuators, filters, and DC blocks.			
DEVIATIONS FROM TEST STANDARD			
None			
Configuration #	WTVD0085-1	Signature <i>Marty Martin</i>	
		Number of Channels	Limit (±)
Hopping Mode (All Channels)			Results
DH5, GFSK		79	15
Mid Channel, 2440 MHz			Pass

# NUMBER OF HOPPING FREQUENCIES



TbTx 2022.06.03.0 XMI 2023.02.14.0

Hopping Mode (All Channels), DH5, GFSK, Mid Channel, 2440 MHz						
				Number of Channels	Limit (≥)	Results
				79	15	Pass





# DWELL TIME



XMIT 2023.02.14.0

Testing was performed using the mode(s) of operation and configuration(s) noted within the report. The individuals and/or the organization requesting the test provided the modes, configurations and settings used to complete the evaluation. The actual test parameters are specified in the test data, this includes items such as investigated frequency range (scanned) and test levels. The testing methods and performance specifications, as well as the test site used for the evaluation are indicated in the test data.

## TEST EQUIPMENT

Description	Manufacturer	Model	ID	Last Cal.	Cal. Due
Attenuator	Fairview Microwave	SA4018-20	TYE	2022-09-13	2023-09-13
Block - DC	Fairview Microwave	SD3239	ANE	2023-02-16	2024-02-16
Cable	Micro-Coax	UFD150A-1-0720-200200	TXG	2022-12-08	2023-12-08
Generator - Signal	Agilent	N5173B	TIW	2020-07-17	2023-07-17
Analyzer - Spectrum Analyzer	Agilent	N9010A	AFL	2023-03-17	2024-03-17

## TEST DESCRIPTION

- The measurement was made using a direct connection between the RF output of the EUT and a spectrum analyzer.
- The average dwell time per hopping channel was measured at one hopping channel in the middle of the authorized band. The hopping function of the EUT was enabled.
- The dwell time limit is based on the Number of Hopping Channels \* 400 mS. For Bluetooth this would be 79 Channels \* 400mS = 31.6 Sec.
- On Time During 31.6 Sec = Pulse Width \* Average Number of Pulses \* Scale Factor
- Average Number of Pulses is based on 4 samples.
- Scale Factor = 31.6 Sec / Screen Capture Sweep Time = 31.6 Sec / 6.32 Sec = 5
-

# DWELL TIME



TelTx 2022.06.03.0 XMI 2023.02.14.0

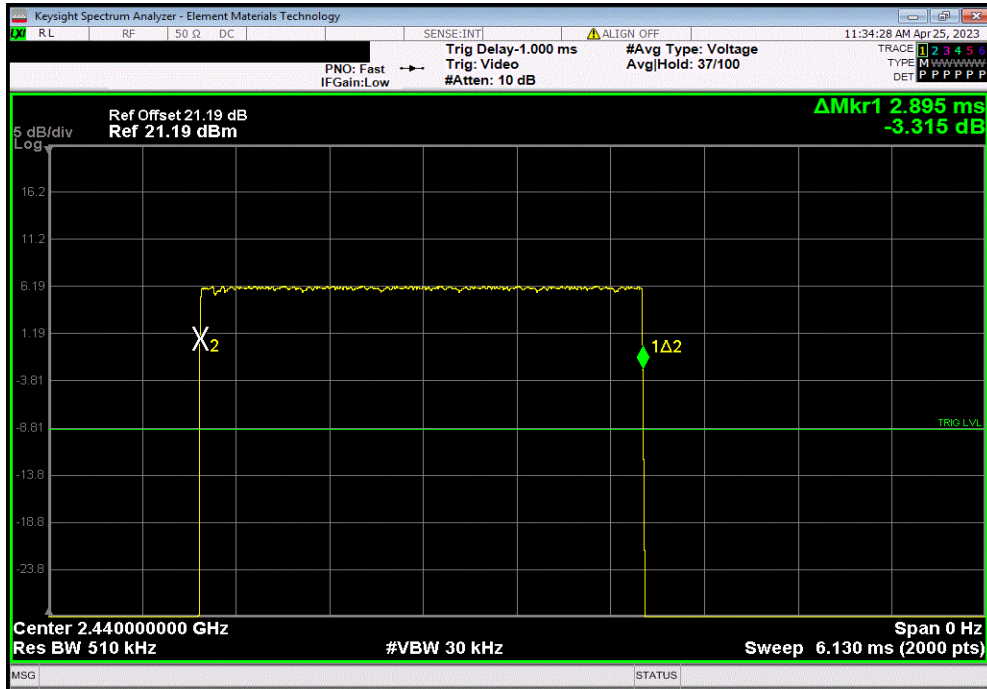
EUT: V700		Work Order: WTVD0085	
Serial Number: BWL7-000968		Date: 04/25/2023	
Customer: Motorola Solutions, Inc.		Temperature: 23.1°C	
Attendees: Navaid Karimi		Humidity: 38.1%	
Project: None		Barometric Pres.: 1015 mbar	
Tested by: Marty Martin		Power: 4.2VDC via Battery	
		Job Site: TX07	
TEST SPECIFICATIONS			
FCC 15.247:2023		ANSI C63.10:2013	
RSS-247 Issue 2:2017		ANSI C63.10:2013	
COMMENTS			
All measurement path losses were accounted for in the reference level offset including any attenuators, filters, and DC blocks.			
DEVIATIONS FROM TEST STANDARD			
None			
Configuration #	WTVD0085-1	Signature <i>Marty Martin</i>	
		Pulse Width (ms)	Number of Pulses
		Average No. of Pulses	Scale Factor
		On Time (ms) During 31.6 s	Limit (ms)
			Results
Hopping Mode (All Channels)			
DH5, GFSK			
	Mid Channel, 2440 MHz	2.895	N/A
	Mid Channel, 2440 MHz	N/A	20
	Mid Channel, 2440 MHz	N/A	21
	Mid Channel, 2440 MHz	N/A	20
	Mid Channel, 2440 MHz	N/A	28
	Mid Channel, 2440 MHz	2.895	N/A
	Mid Channel, 2440 MHz		22
			5
			318.45
			400
			Pass
2DH5, pi/4-DQPSK			
	Mid Channel, 2440 MHz	2.895	N/A
	Mid Channel, 2440 MHz	N/A	22
	Mid Channel, 2440 MHz	N/A	22
	Mid Channel, 2440 MHz	N/A	23
	Mid Channel, 2440 MHz	N/A	28
	Mid Channel, 2440 MHz	2.895	N/A
	Mid Channel, 2440 MHz		23
			5
			332.925
			400
			Pass
3DH5, 8-DPSK			
	Mid Channel, 2440 MHz	2.898	N/A
	Mid Channel, 2440 MHz	N/A	29
	Mid Channel, 2440 MHz	N/A	20
	Mid Channel, 2440 MHz	N/A	20
	Mid Channel, 2440 MHz	N/A	19
	Mid Channel, 2440 MHz	2.898	N/A
	Mid Channel, 2440 MHz		22
			5
			318.78
			400
			Pass

# DWELL TIME

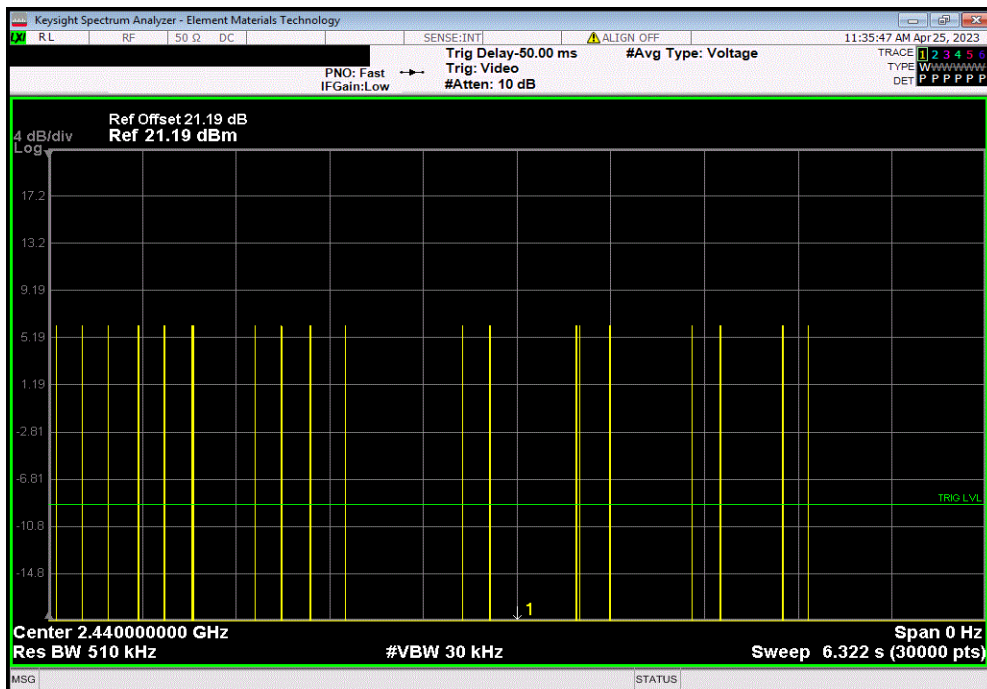


TbTx 2022.06.03.0 XMI 2023.02.14.0

Hopping Mode (All Channels), DH5, GFSK, Mid Channel, 2440 MHz						
Pulse Width (ms)	Number of Pulses	Average No. of Pulses	Scale Factor	On Time (ms) During 31.6 s	Limit (ms)	Results
2.895	N/A	N/A	N/A	N/A	N/A	N/A



Hopping Mode (All Channels), DH5, GFSK, Mid Channel, 2440 MHz						
Pulse Width (ms)	Number of Pulses	Average No. of Pulses	Scale Factor	On Time (ms) During 31.6 s	Limit (ms)	Results
N/A	20	N/A	N/A	N/A	N/A	N/A

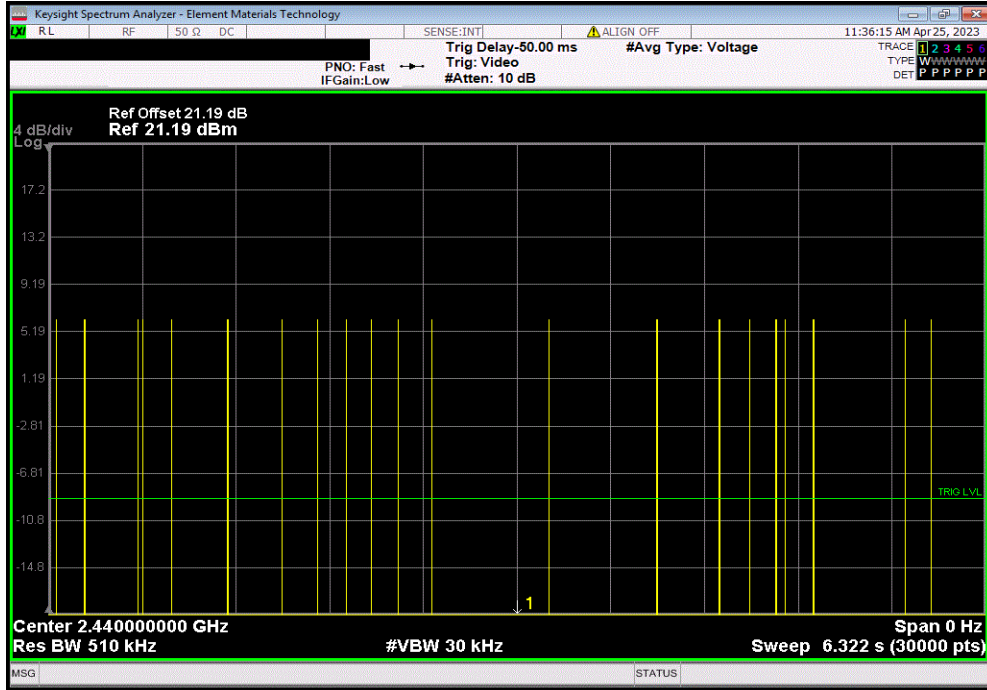


# DWELL TIME

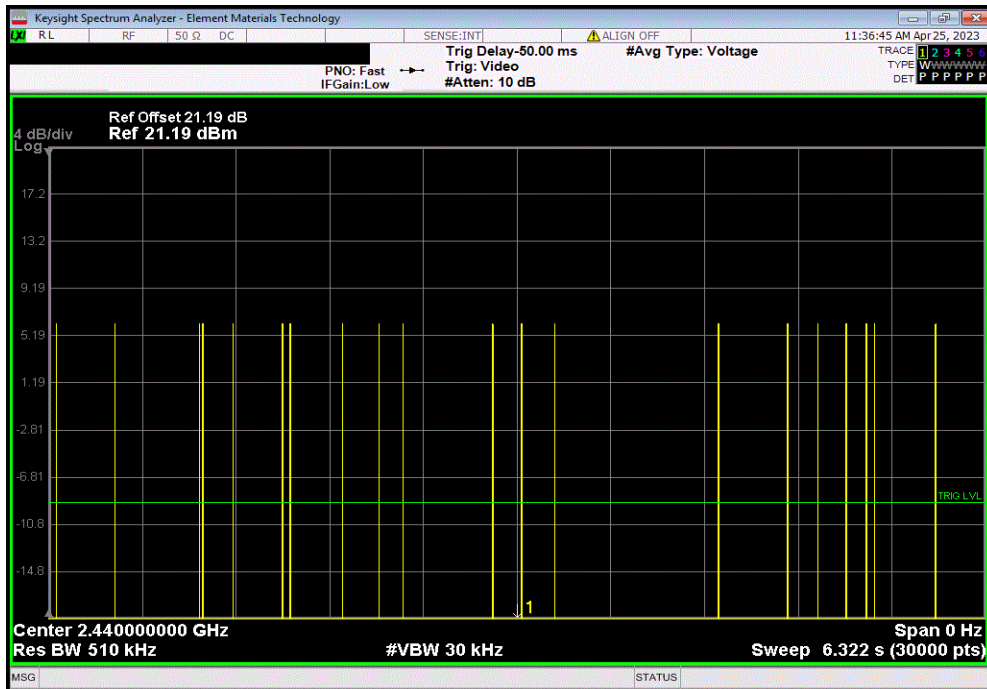


TbTx 2022.06.03.0 XMI 2023.02.14.0

Hopping Mode (All Channels), DH5, GFSK, Mid Channel, 2440 MHz						
Pulse Width (ms)	Number of Pulses	Average No. of Pulses	Scale Factor	On Time (ms) During 31.6 s	Limit (ms)	Results
N/A	21	N/A	N/A	N/A	N/A	N/A



Hopping Mode (All Channels), DH5, GFSK, Mid Channel, 2440 MHz						
Pulse Width (ms)	Number of Pulses	Average No. of Pulses	Scale Factor	On Time (ms) During 31.6 s	Limit (ms)	Results
N/A	20	N/A	N/A	N/A	N/A	N/A



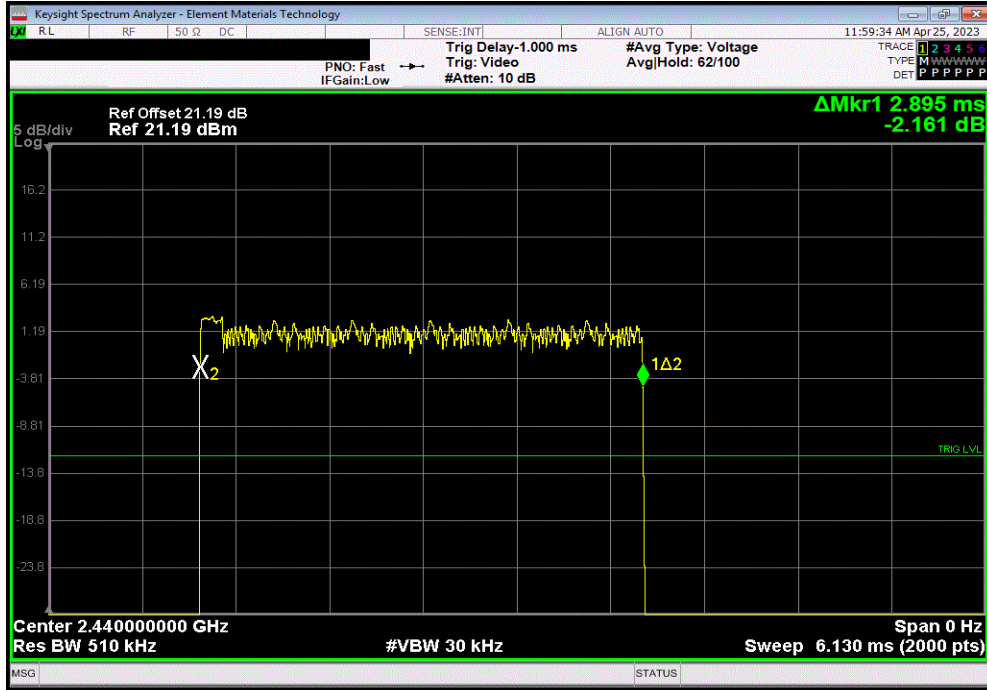


# DWELL TIME

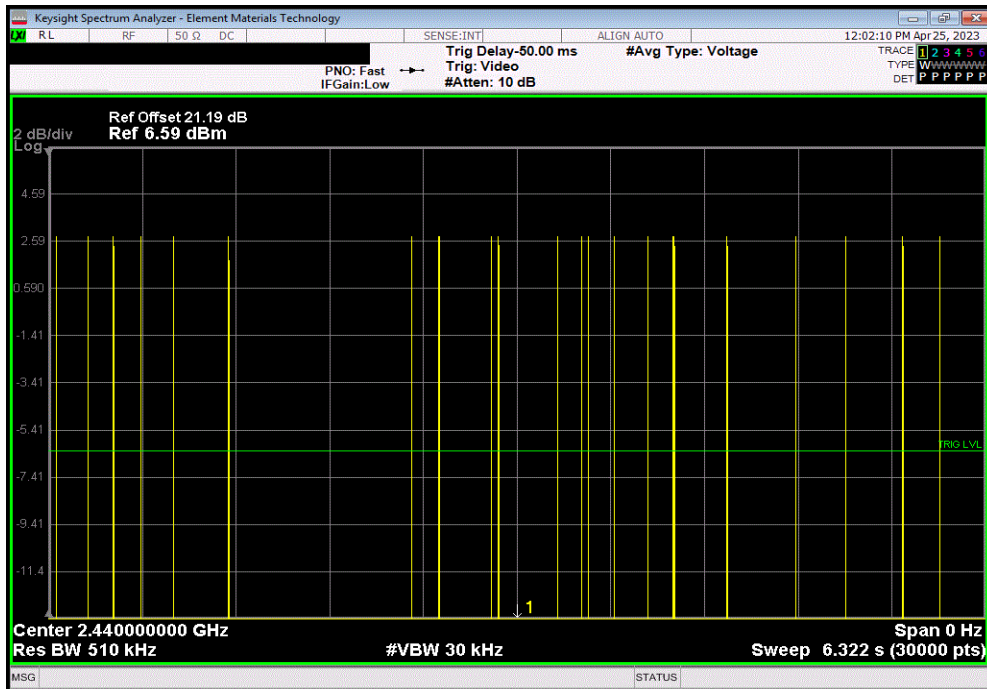


TbTx 2022.06.03.0 XMI 2023.02.14.0

Hopping Mode (All Channels), 2DH5, pi/4-DQPSK, Mid Channel, 2440 MHz						
Pulse Width (ms)	Number of Pulses	Average No. of Pulses	Scale Factor	On Time (ms) During 31.6 s	Limit (ms)	Results
2.895	N/A	N/A	N/A	N/A	N/A	N/A



Hopping Mode (All Channels), 2DH5, pi/4-DQPSK, Mid Channel, 2440 MHz						
Pulse Width (ms)	Number of Pulses	Average No. of Pulses	Scale Factor	On Time (ms) During 31.6 s	Limit (ms)	Results
N/A	22	N/A	N/A	N/A	N/A	N/A

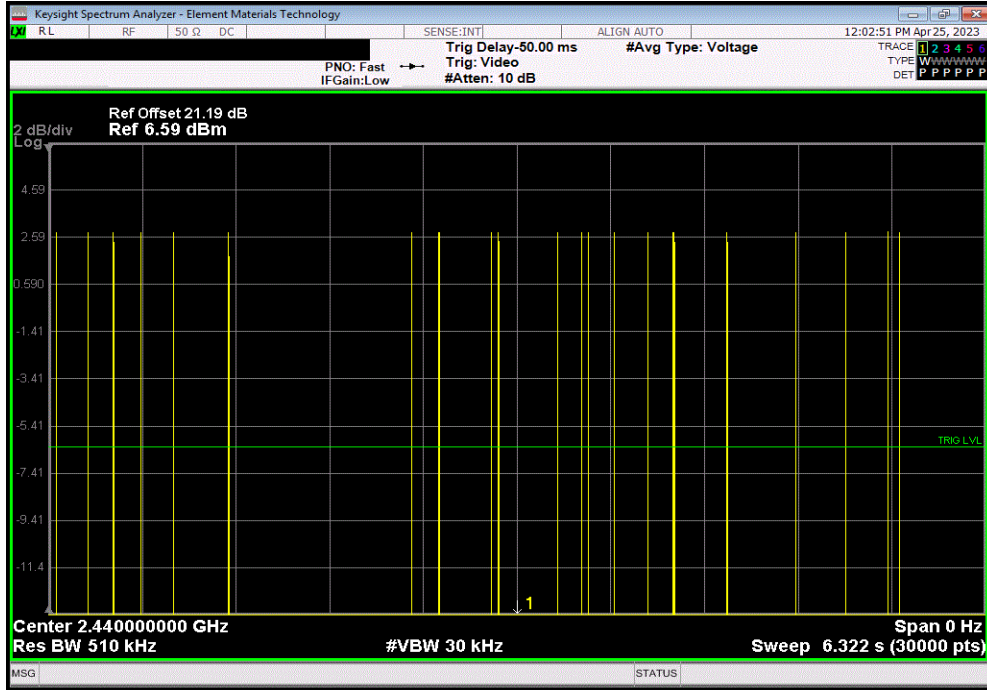


# DWELL TIME

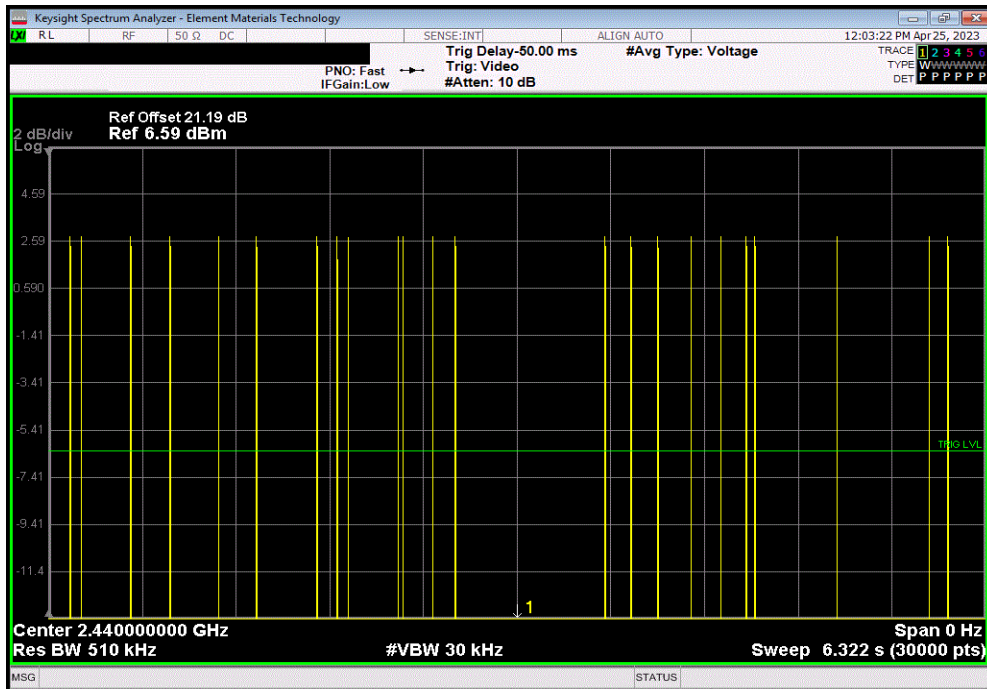


TbTx 2022.06.03.0 XMI 2023.02.14.0

Hopping Mode (All Channels), 2DH5, pi/4-DQPSK, Mid Channel, 2440 MHz						
Pulse Width (ms)	Number of Pulses	Average No. of Pulses	Scale Factor	On Time (ms) During 31.6 s	Limit (ms)	Results
N/A	22	N/A	N/A	N/A	N/A	N/A



Hopping Mode (All Channels), 2DH5, pi/4-DQPSK, Mid Channel, 2440 MHz						
Pulse Width (ms)	Number of Pulses	Average No. of Pulses	Scale Factor	On Time (ms) During 31.6 s	Limit (ms)	Results
N/A	23	N/A	N/A	N/A	N/A	N/A

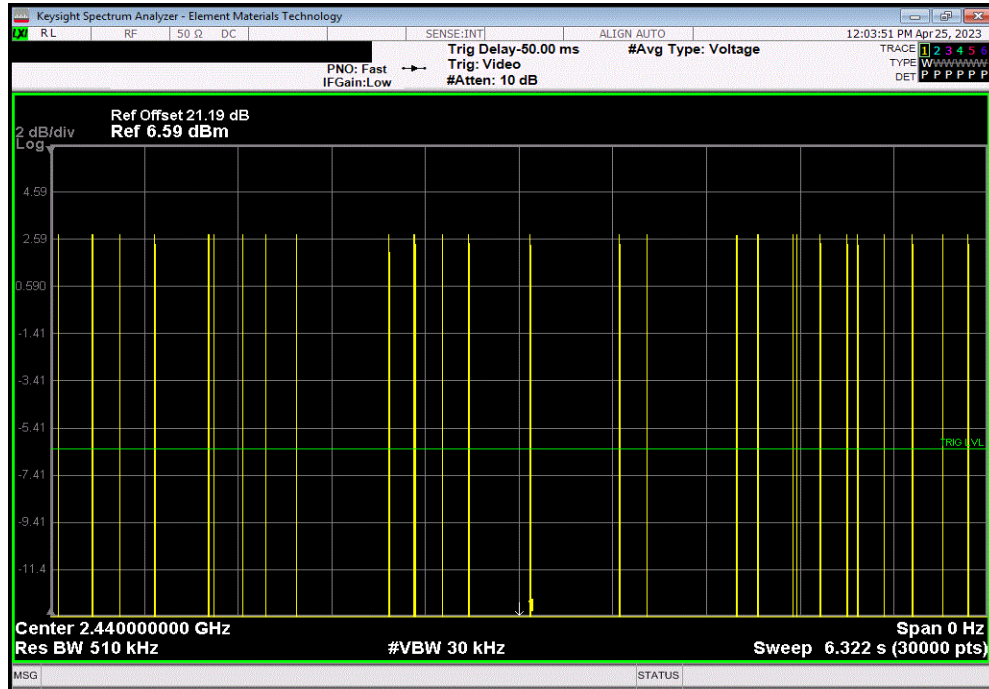


# DWELL TIME



TbTx 2022.06.03.0 XMI 2023.02.14.0

Hopping Mode (All Channels), 2DH5, pi/4-DQPSK, Mid Channel, 2440 MHz						
Pulse Width (ms)	Number of Pulses	Average No. of Pulses	Scale Factor	On Time (ms) During 31.6 s	Limit (ms)	Results
N/A	28	N/A	N/A	N/A	N/A	N/A



Hopping Mode (All Channels), 2DH5, pi/4-DQPSK, Mid Channel, 2440 MHz						
Pulse Width (ms)	Number of Pulses	Average No. of Pulses	Scale Factor	On Time (ms) During 31.6 s	Limit (ms)	Results
2.895	N/A	0	5	0	400	Pass

Calculation Only

No Screen Capture Required

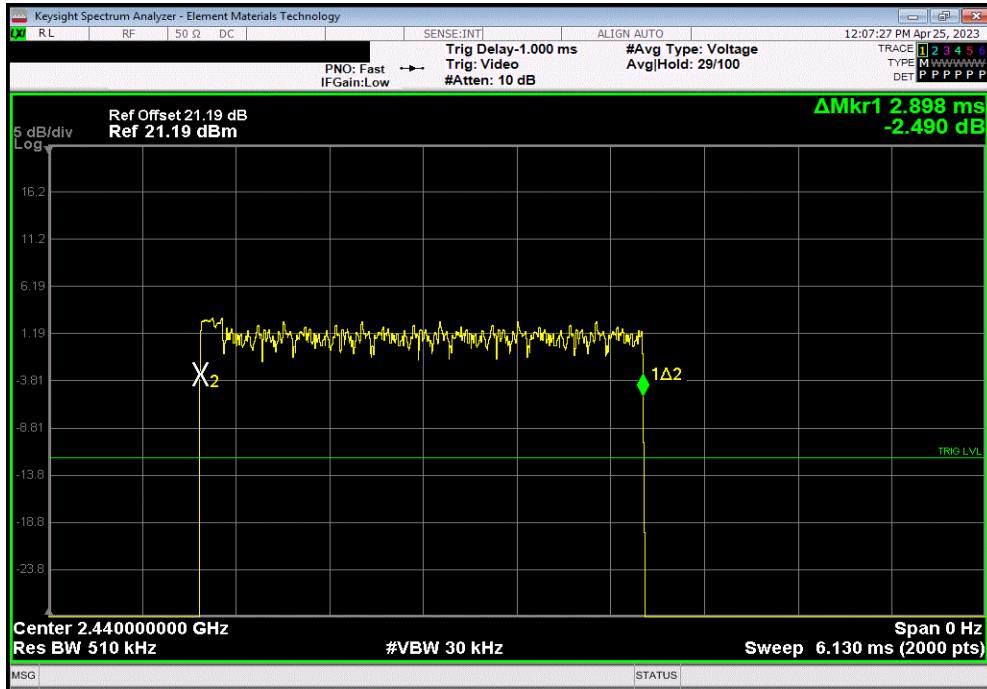


# DWELL TIME

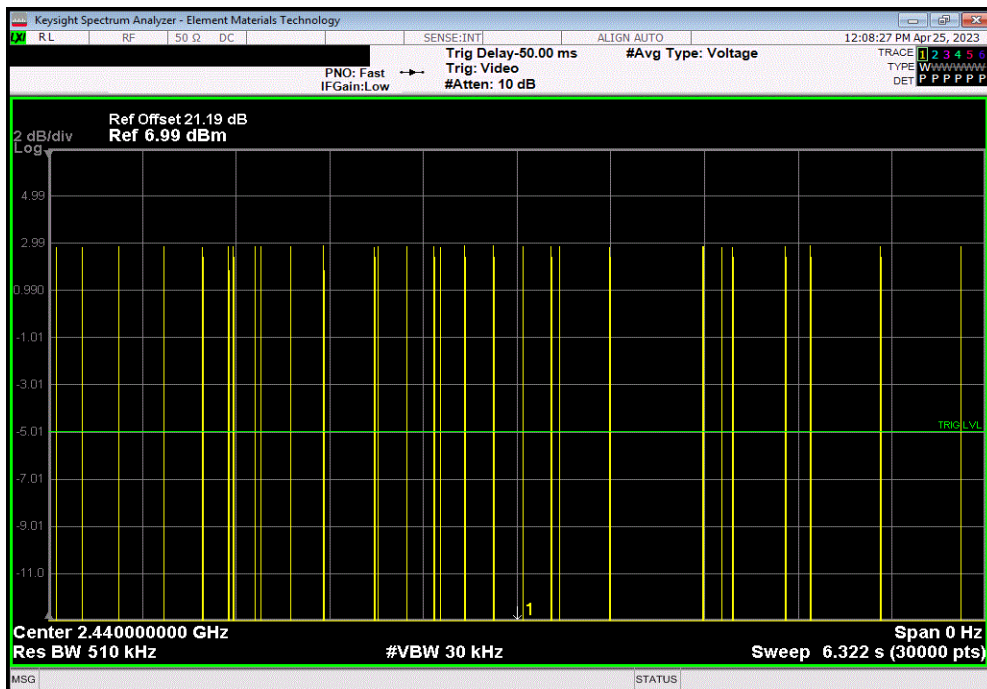


TbTx 2022.06.03.0 XMI 2023.02.14.0

Hopping Mode (All Channels), 3DH5, 8-DPSK, Mid Channel, 2440 MHz						
Pulse Width (ms)	Number of Pulses	Average No. of Pulses	Scale Factor	On Time (ms) During 31.6 s	Limit (ms)	Results
2.898	N/A	N/A	N/A	N/A	N/A	N/A



Hopping Mode (All Channels), 3DH5, 8-DPSK, Mid Channel, 2440 MHz						
Pulse Width (ms)	Number of Pulses	Average No. of Pulses	Scale Factor	On Time (ms) During 31.6 s	Limit (ms)	Results
N/A	29	N/A	N/A	N/A	N/A	N/A

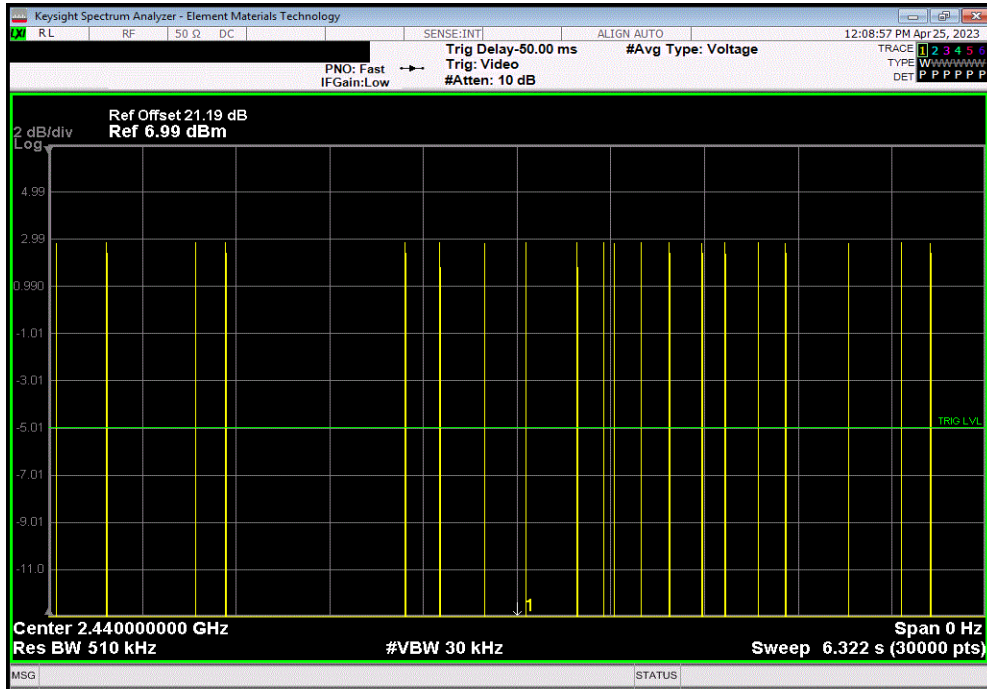


# DWELL TIME

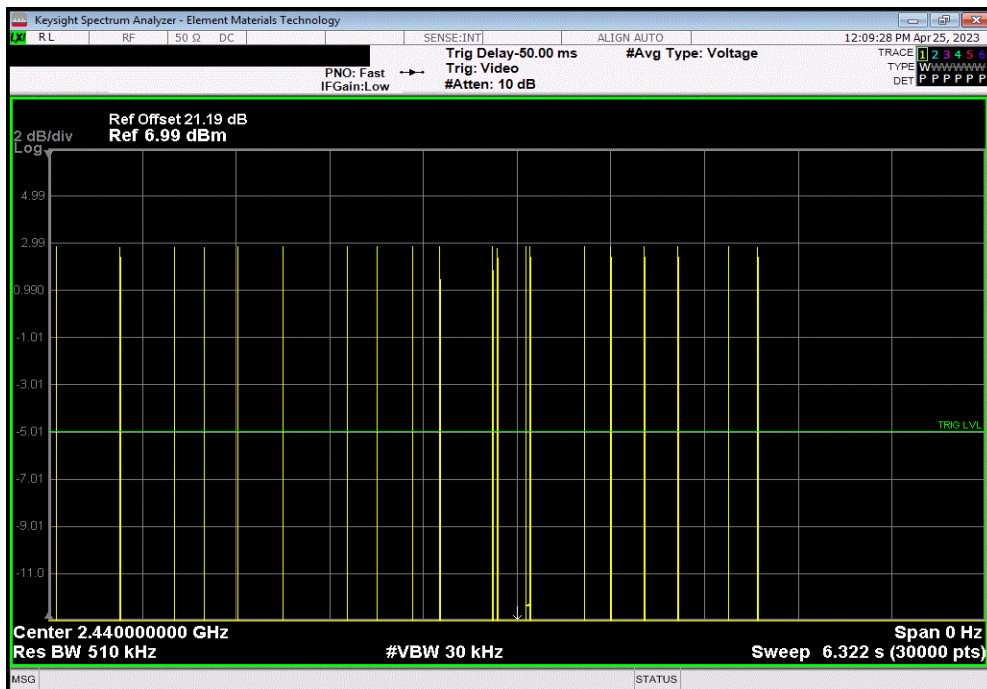


TbTx 2022.06.03.0 XMI 2023.02.14.0

Hopping Mode (All Channels), 3DH5, 8-DPSK, Mid Channel, 2440 MHz						
Pulse Width (ms)	Number of Pulses	Average No. of Pulses	Scale Factor	On Time (ms) During 31.6 s	Limit (ms)	Results
N/A	20	N/A	N/A	N/A	N/A	N/A



Hopping Mode (All Channels), 3DH5, 8-DPSK, Mid Channel, 2440 MHz						
Pulse Width (ms)	Number of Pulses	Average No. of Pulses	Scale Factor	On Time (ms) During 31.6 s	Limit (ms)	Results
N/A	20	N/A	N/A	N/A	N/A	N/A

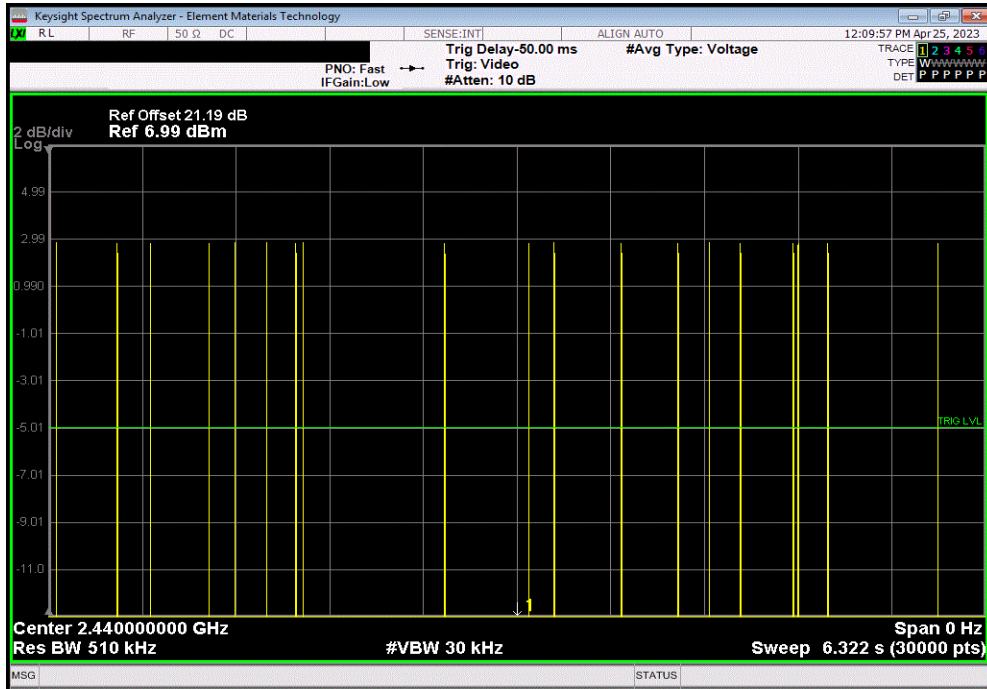


# DWELL TIME



TbTx 2022.06.03.0 XMI 2023.02.14.0

Hopping Mode (All Channels), 3DH5, 8-DPSK, Mid Channel, 2440 MHz						
Pulse Width (ms)	Number of Pulses	Average No. of Pulses	Scale Factor	On Time (ms) During 31.6 s	Limit (ms)	Results
N/A	19	N/A	N/A	N/A	N/A	N/A



Hopping Mode (All Channels), 3DH5, 8-DPSK, Mid Channel, 2440 MHz						
Pulse Width (ms)	Number of Pulses	Average No. of Pulses	Scale Factor	On Time (ms) During 31.6 s	Limit (ms)	Results
2.898	N/A	0	5	0	400	Pass

Calculation Only

No Screen Capture Required