

# BAND EDGE COMPLIANCE



XMit 2020.12.30.0

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
Block - DC	Fairview Microwave	SD3379	AMM	2020-09-21	2021-09-21
Generator - Signal	Agilent	N5173B	TIW	2020-07-17	2023-07-17
Analyzer - Spectrum Analyzer	Agilent	N9010A	AFL	2021-03-11	2022-03-11
Cable	UtiFlex Micro-Coax	UFD1150A-1-0720-200200	TXK	2020-09-22	2021-09-22
Attenuator	Fairview Microwave	SA4018-20	TYE	2020-09-18	2021-09-18

## TEST DESCRIPTION

The spurious RF conducted emissions at the edges of the authorized bands were measured with the EUT set to low and high transmit frequencies in each available band. The channels closest to the band edges were selected. The EUT was transmitting at the data rate(s) listed in the datasheet.

The spectrum was scanned below the lower band edge and above the higher band edge.

# BAND EDGE COMPLIANCE



Tel: 2021.03.19.1 XMI: 2020.12.30.0

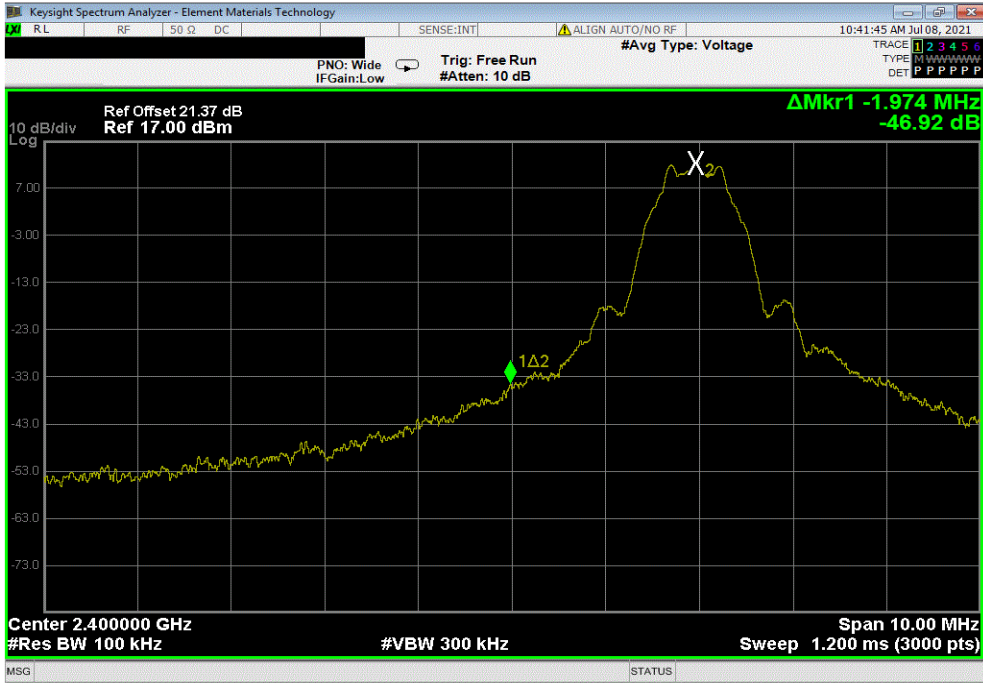
EUT: HiFi Mic 3.0		Work Order: WTV0040	
Serial Number: 2		Date: 16-Jul-21	
Customer: Motorola Solutions Inc		Temperature: 21.4 °C	
Attendees: Navaid Karimi		Humidity: 59.2% RH	
Project: None		Barometric Pres.: 1017 mbar	
Tested by: Brandon Hobbs		Power: Battery	
		Job Site: TX09	
TEST SPECIFICATIONS		Test Method	
FCC 15.247:2021		ANSI C63.10:2013	
COMMENTS			
All measurement path losses were accounted for: DC block, attenuater and cable.			
DEVIATIONS FROM TEST STANDARD			
None			
Configuration #	1	Signature	
		Value (dBc)	Limit ≤ (dBc) Result
BLE/GFSK			
1Mbps Modulation			
	Low Channel, 2402 MHz	-46.92	-20 Pass
	High Channel, 2480 MHz	-56.87	-20 Pass
500kbps Modulation			
	Low Channel, 2402 MHz	-48.5	-20 Pass
	High Channel, 2480 MHz	-56.88	-20 Pass
125kbps Modulation			
	Low Channel, 2402 MHz	-48.83	-20 Pass
	High Channel, 2480 MHz	-58.42	-20 Pass

# BAND EDGE COMPLIANCE



TbTx 2021.03.19.1 XMI 2020.12.30.0

BLE/GFSK , 1Mbps Modulation, Low Channel, 2402 MHz						
	Value (dBc)	Limit ≤ (dBc)	Result			
	-46.92	-20	Pass			



BLE/GFSK , 1Mbps Modulation, High Channel, 2480 MHz						
	Value (dBc)	Limit ≤ (dBc)	Result			
	-56.87	-20	Pass			

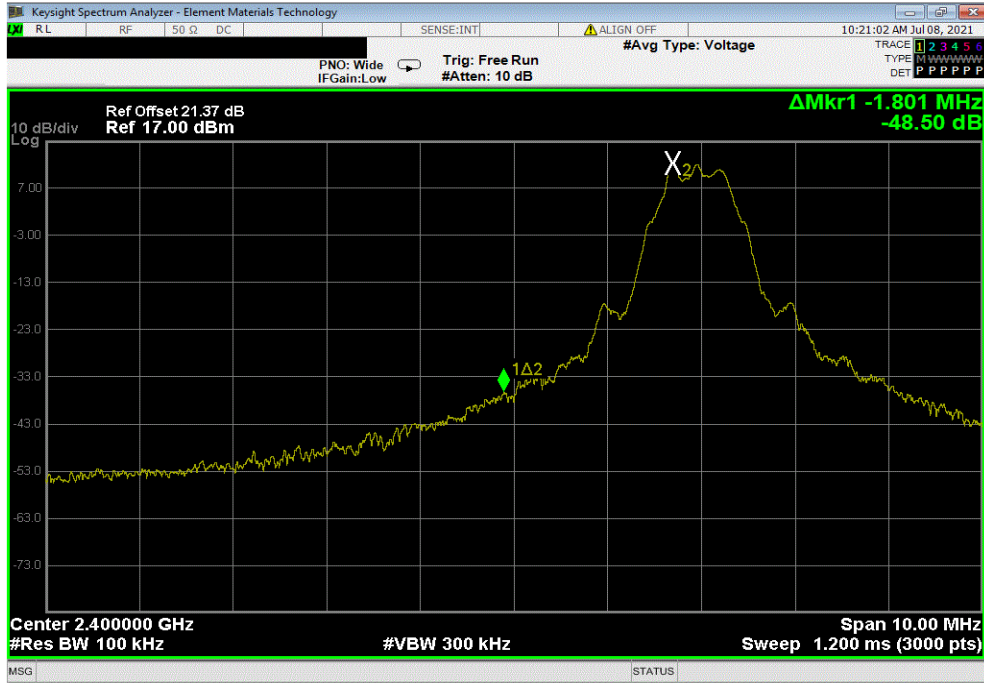


# BAND EDGE COMPLIANCE



TbTx 2021.03.19.1 XMI 2020.12.30.0

BLE/GFSK , 500kbps Modulation, Low Channel, 2402 MHz						
				Value (dBc)	Limit ≤ (dBc)	Result
				-48.5	-20	Pass



BLE/GFSK , 500kbps Modulation, High Channel, 2480 MHz						
				Value (dBc)	Limit ≤ (dBc)	Result
				-56.88	-20	Pass

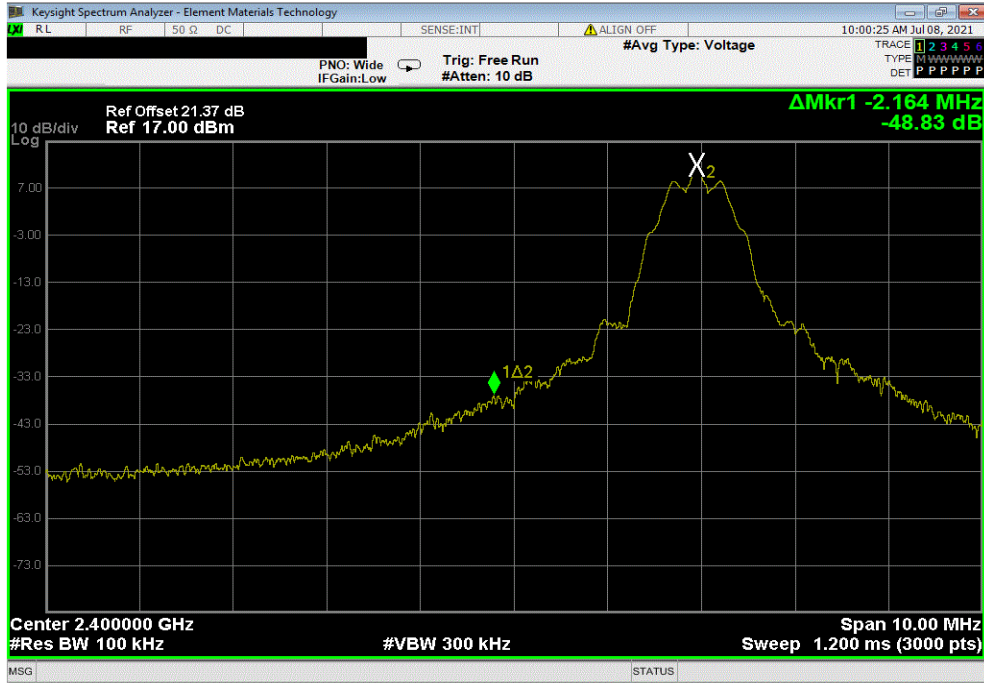


# BAND EDGE COMPLIANCE



TbTx 2021.03.19.1 XMI 2020.12.30.0

BLE/GFSK , 125kbps Modulation, Low Channel, 2402 MHz						
				Value (dBc)	Limit ≤ (dBc)	Result
				-48.83	-20	Pass



BLE/GFSK , 125kbps Modulation, High Channel, 2480 MHz						
				Value (dBc)	Limit ≤ (dBc)	Result
				-58.42	-20	Pass



# SPURIOUS CONDUCTED EMISSIONS



XMIT 2020.12.30.0

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
Block - DC	Fairview Microwave	SD3379	AMM	2020-09-21	2021-09-21
Generator - Signal	Agilent	N5173B	TIW	2020-07-17	2023-07-17
Analyzer - Spectrum Analyzer	Agilent	N9010A	AFL	2021-03-11	2022-03-11
Cable	UtiFlex Micro-Coax	UFD1150A-1-0720-200200	TXK	2020-09-22	2021-09-22
Attenuator	Fairview Microwave	SA4018-20	TYE	2020-09-18	2021-09-18

## TEST DESCRIPTION

The spurious RF conducted emissions were measured with the EUT set to low, medium and high transmit frequencies. The EUT was transmitting at the data rate(s) listed in the datasheet. For each transmit frequency, the fundamental was measured with a 100 kHz resolution bandwidth and the highest value was recorded. The rest of the spectrum was then measured with a 100 kHz resolution bandwidth and the highest value was found. The difference between the value found on the fundamental and the rest of the spectrum was compared against the limit to determine compliance.

# SPURIOUS CONDUCTED EMISSIONS



TotTx 2021.03.19.1 XMI 2020.12.30.0

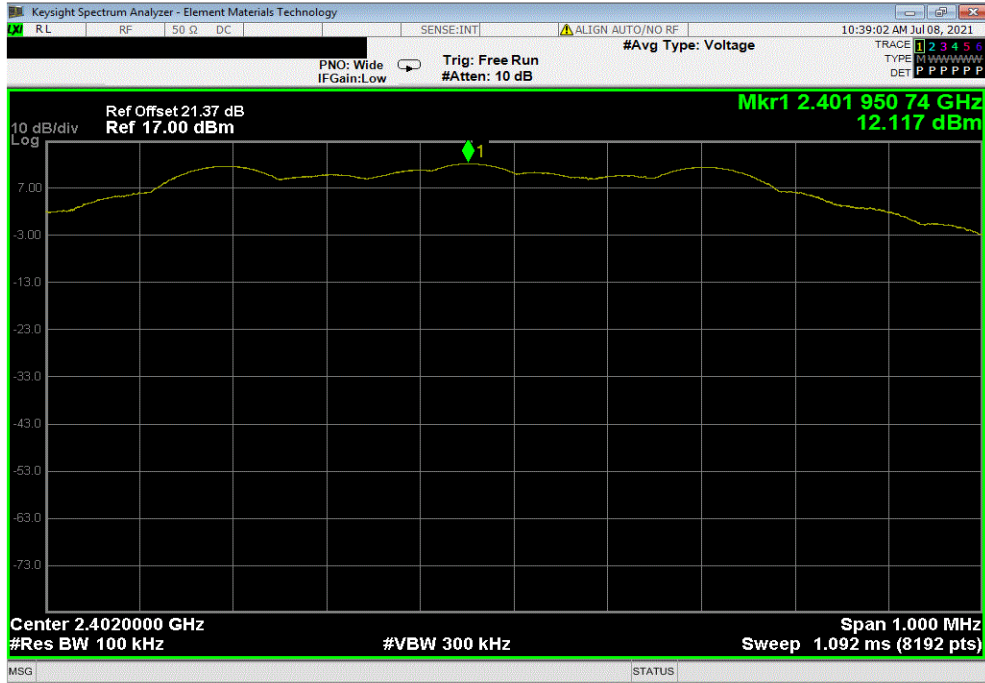
EUT: HiFi Mic 3.0		Work Order: WTVD0040				
Serial Number: 2		Date: 16-Jul-21				
Customer: Motorola Solutions Inc		Temperature: 21.7 °C				
Attendees: Navaid Karimi		Humidity: 57.3% RH				
Project: None		Barometric Pres.: 1017 mbar				
Tested by: Brandon Hobbs		Power: Battery				
		Job Site: TX09				
TEST SPECIFICATIONS		Test Method				
FCC 15.247:2021		ANSI C63.10:2013				
COMMENTS						
All measurement path losses were accounted for: DC block, attenuater and cable.						
DEVIATIONS FROM TEST STANDARD						
None						
Configuration #	1	Signature				
		Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result
BLE/GFSK						
1Mbps Modulation						
		Low Channel, 2402 MHz	Fundamental	2401.95	N/A	N/A
		Low Channel, 2402 MHz	30 MHz - 12.5 GHz	2593.73	-59.58	-20
		Low Channel, 2402 MHz	12.5 GHz - 25 GHz	24160.66	-63.43	-20
		Mid Channel, 2440 MHz	Fundamental	2439.95	N/A	N/A
		Mid Channel, 2440 MHz	30 MHz - 12.5 GHz	2631.79	-58.03	-20
		Mid Channel, 2440 MHz	12.5 GHz - 25 GHz	22481.99	-64.43	-20
		High Channel, 2480 MHz	Fundamental	2479.96	N/A	N/A
		High Channel, 2480 MHz	30 MHz - 12.5 GHz	2607.43	-58.13	-20
		High Channel, 2480 MHz	12.5 GHz - 25 GHz	23835.61	-63.11	-20
500kbps Modulation						
		Low Channel, 2402 MHz	Fundamental	2401.69	N/A	N/A
		Low Channel, 2402 MHz	30 MHz - 12.5 GHz	2593.73	-61.01	-20
		Low Channel, 2402 MHz	12.5 GHz - 25 GHz	24157.61	-63.96	-20
		Mid Channel, 2440 MHz	Fundamental	2439.69	N/A	N/A
		Mid Channel, 2440 MHz	30 MHz - 12.5 GHz	2631.79	-58.73	-20
		Mid Channel, 2440 MHz	12.5 GHz - 25 GHz	24995.42	-65.1	-20
		High Channel, 2480 MHz	Fundamental	2479.7	N/A	N/A
		High Channel, 2480 MHz	30 MHz - 12.5 GHz	2607.43	-57.94	-20
		High Channel, 2480 MHz	12.5 GHz - 25 GHz	24235.44	-63.06	-20
125kbps Modulation						
		Low Channel, 2402 MHz	Fundamental	2401.95	N/A	N/A
		Low Channel, 2402 MHz	30 MHz - 12.5 GHz	2593.73	-60.02	-20
		Low Channel, 2402 MHz	12.5 GHz - 25 GHz	24032.47	-62.46	-20
		Mid Channel, 2440 MHz	Fundamental	2439.95	N/A	N/A
		Mid Channel, 2440 MHz	30 MHz - 12.5 GHz	2631.79	-60.65	-20
		Mid Channel, 2440 MHz	12.5 GHz - 25 GHz	23939.38	-64.53	-20
		High Channel, 2480 MHz	Fundamental	2479.96	N/A	N/A
		High Channel, 2480 MHz	30 MHz - 12.5 GHz	2607.43	-58.15	-20
		High Channel, 2480 MHz	12.5 GHz - 25 GHz	24920.64	-62.85	-20

# SPURIOUS CONDUCTED EMISSIONS

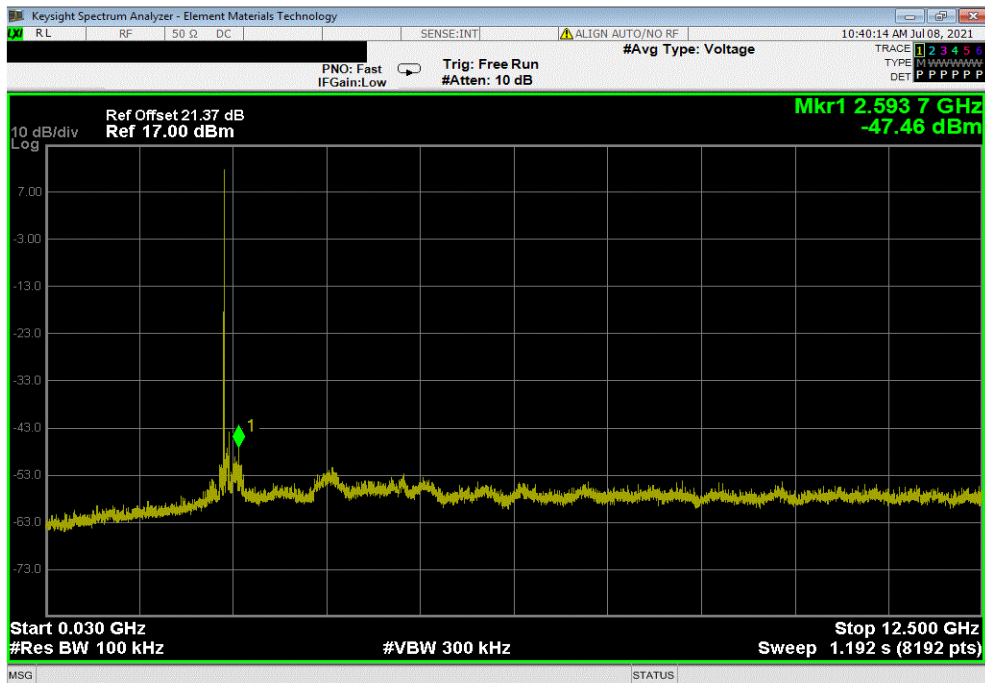


TbTx 2021.03.19.1 XMI 2020.12.30.0

BLE/GFSK , 1Mbps Modulation, Low Channel, 2402 MHz						
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result		
Fundamental	2401.95	N/A	N/A	N/A		



BLE/GFSK , 1Mbps Modulation, Low Channel, 2402 MHz						
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result		
30 MHz - 12.5 GHz	2593.73	-59.58	-20	Pass		



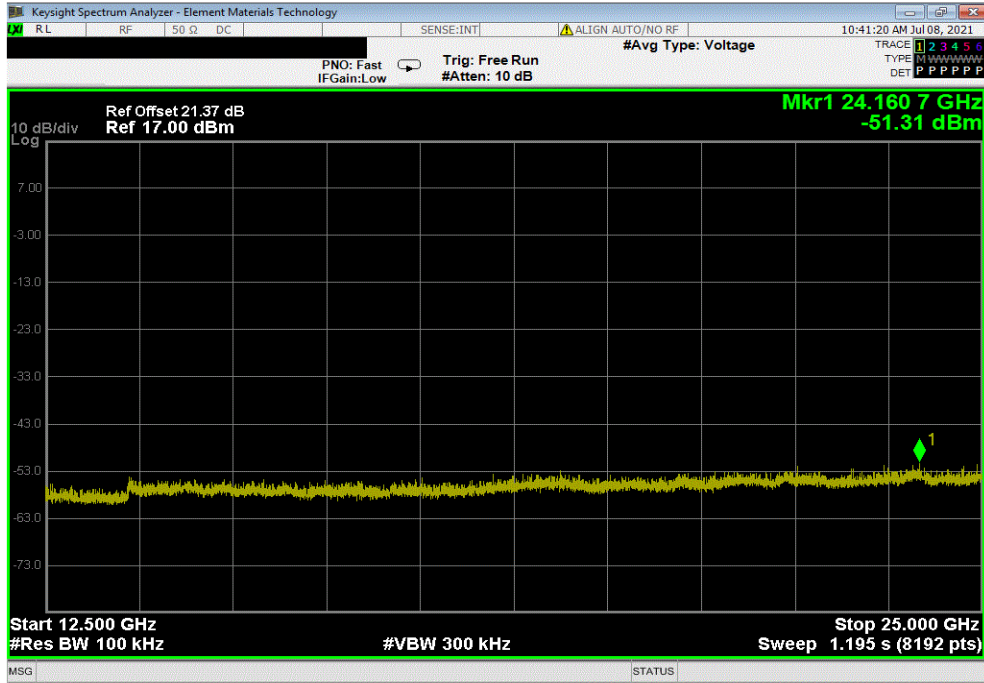


# SPURIOUS CONDUCTED EMISSIONS

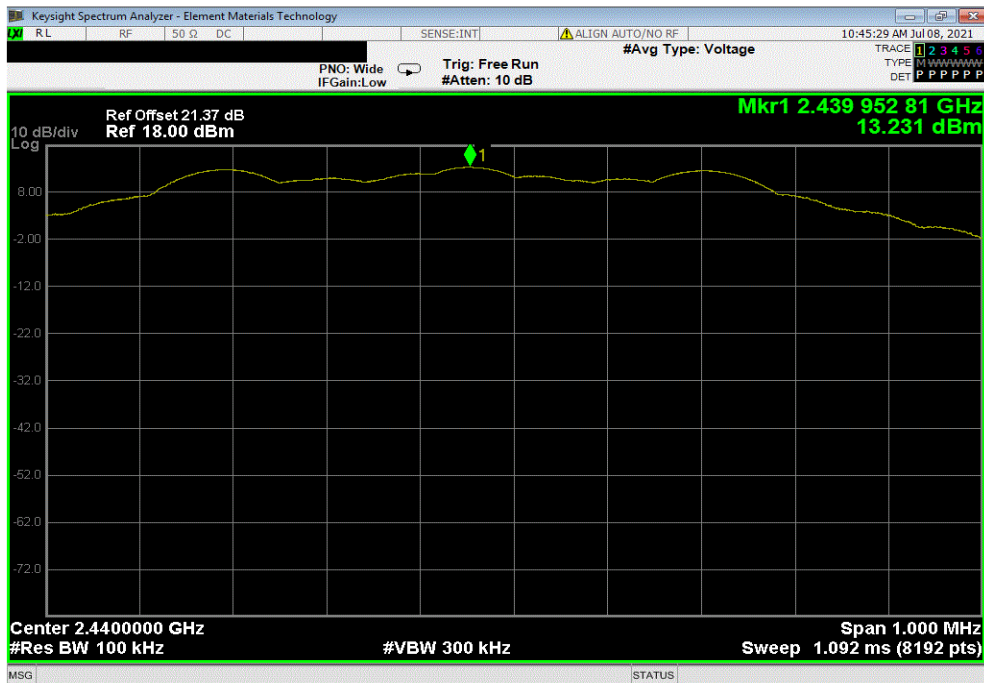


TbTx 2021.03.19.1 XMI 2020.12.30.0

BLE/GFSK , 1Mbps Modulation, Low Channel, 2402 MHz					
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result	
12.5 GHz - 25 GHz	24160.66	-63.43	-20	Pass	



BLE/GFSK , 1Mbps Modulation, Mid Channel, 2440 MHz					
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result	
Fundamental	2439.95	N/A	N/A	N/A	

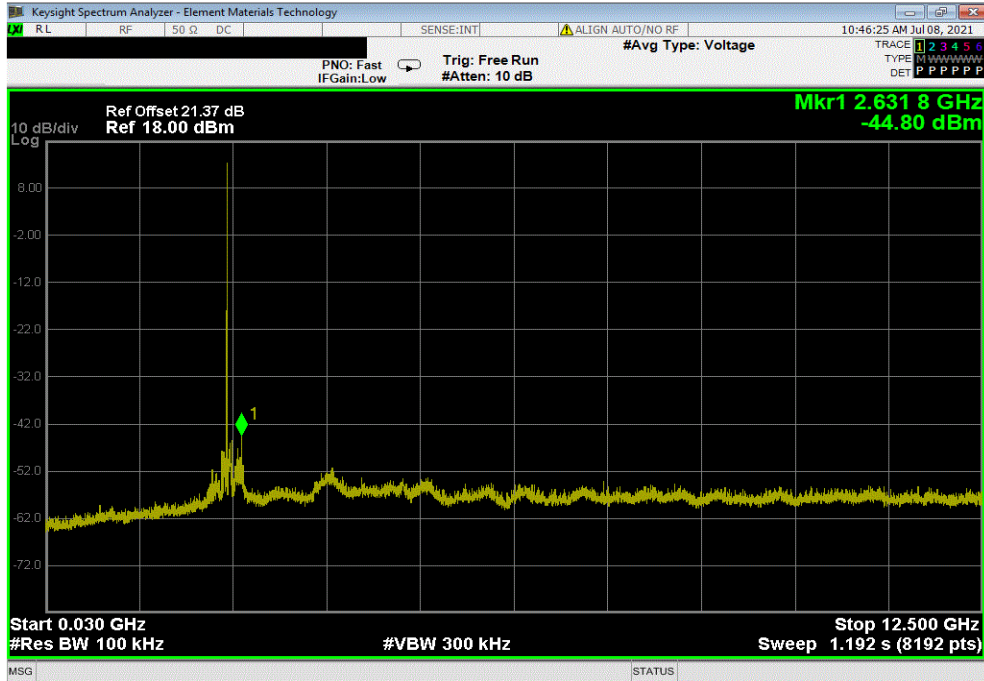


# SPURIOUS CONDUCTED EMISSIONS

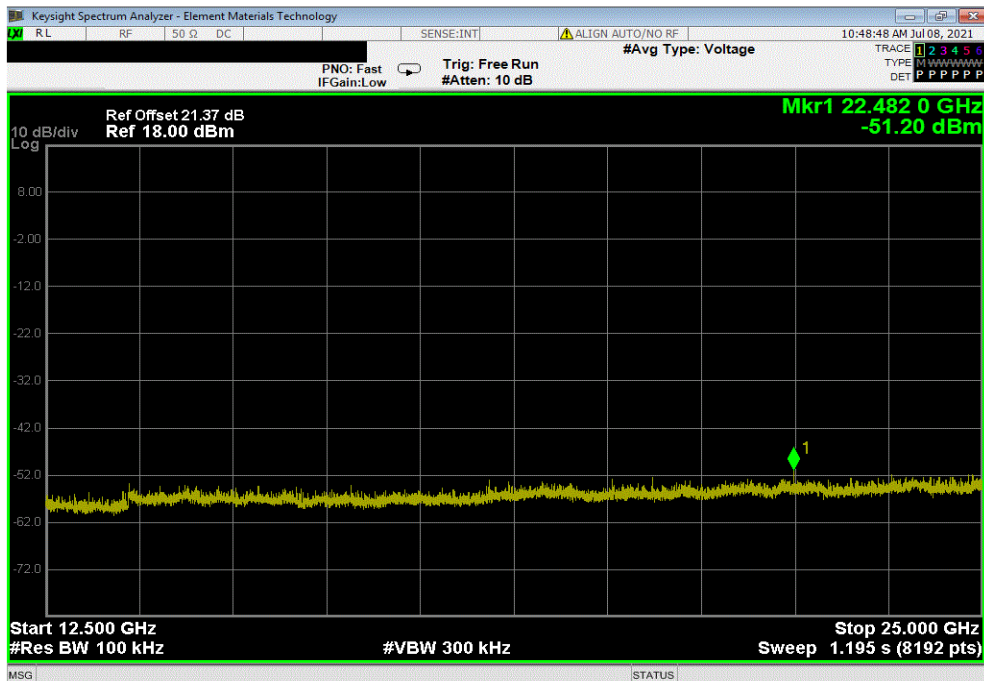


TbTx 2021.03.19.1 XMi 2020.12.30.0

BLE/GFSK , 1Mbps Modulation, Mid Channel, 2440 MHz				
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result
30 MHz - 12.5 GHz	2631.79	-58.03	-20	Pass



BLE/GFSK , 1Mbps Modulation, Mid Channel, 2440 MHz				
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result
12.5 GHz - 25 GHz	22481.99	-64.43	-20	Pass

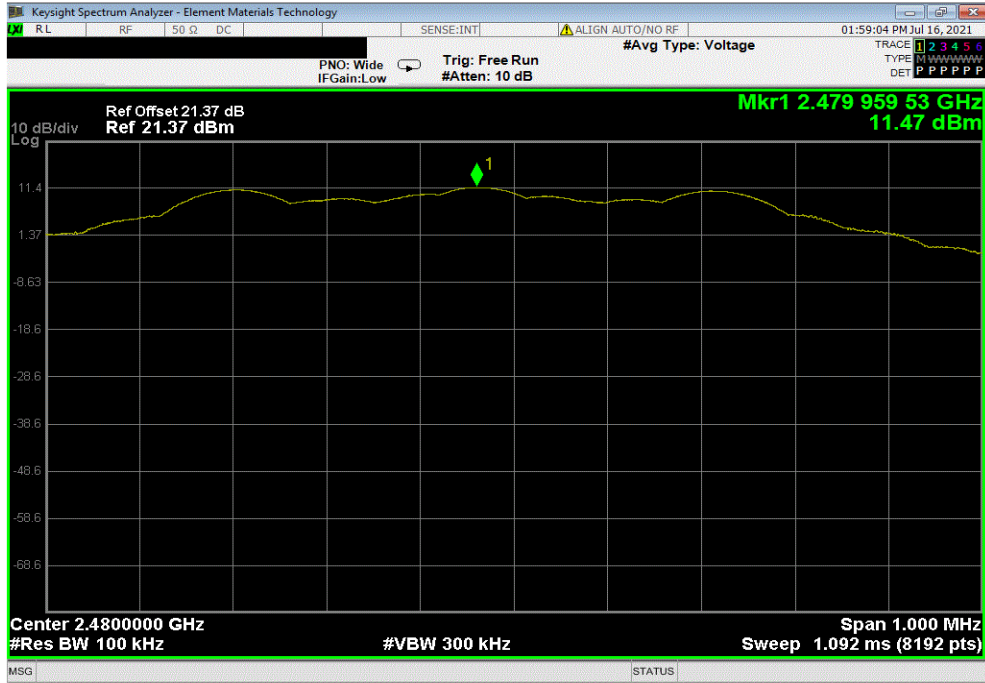


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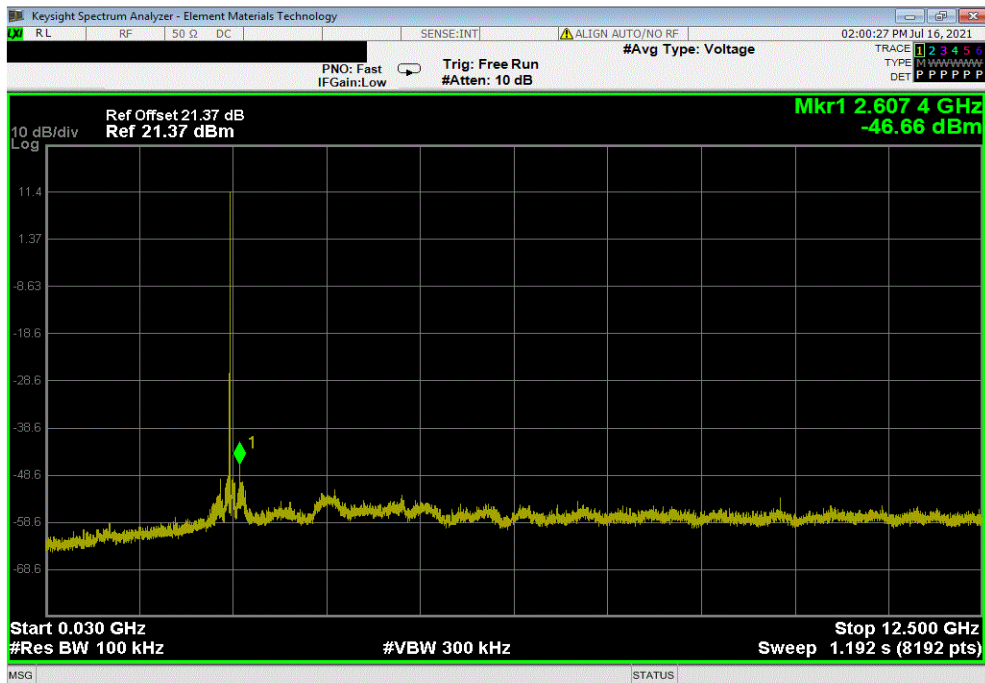


TbTx 2021.03.19.1 XMI 2020.12.30.0

BLE/GFSK , 1Mbps Modulation, High Channel, 2480 MHz						
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result		
Fundamental	2479.96	N/A	N/A	N/A		



BLE/GFSK , 1Mbps Modulation, High Channel, 2480 MHz						
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result		
30 MHz - 12.5 GHz	2607.43	-58.13	-20	Pass		

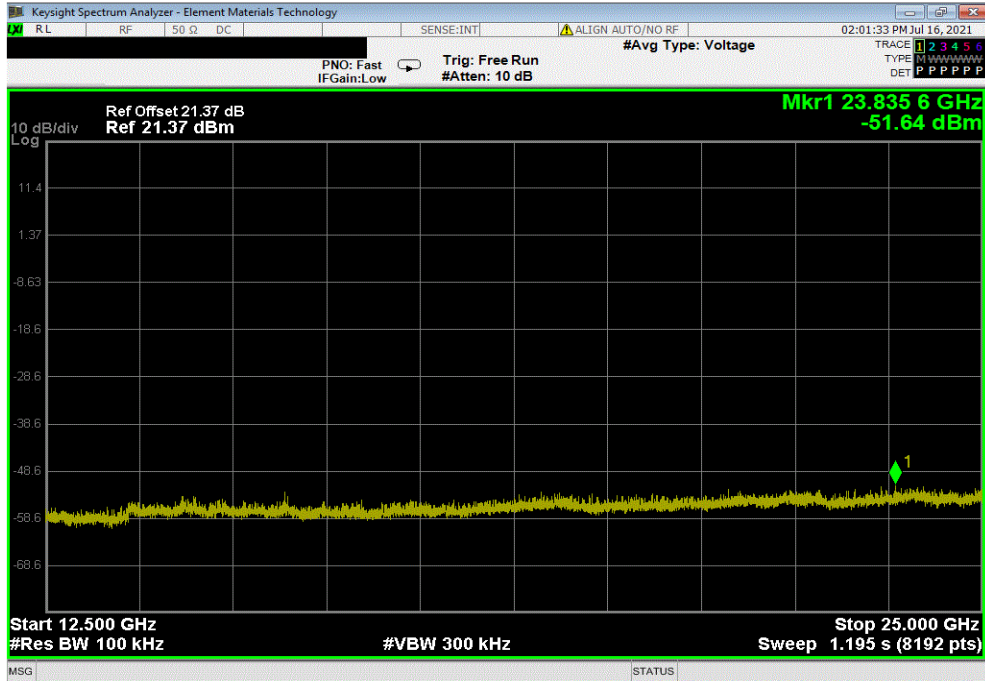


# SPURIOUS CONDUCTED EMISSIONS

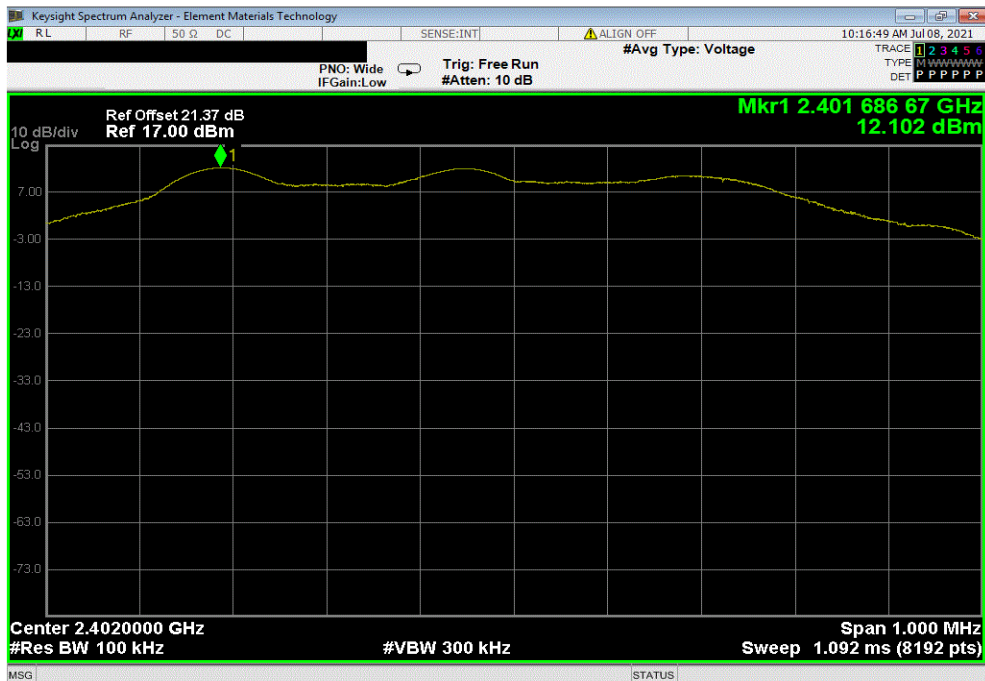


TbTx 2021.03.19.1 XMI 2020.12.30.0

BLE/GFSK , 1Mbps Modulation, High Channel, 2480 MHz					
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result	
12.5 GHz - 25 GHz	23835.61	-63.11	-20	Pass	



BLE/GFSK , 500kbps Modulation, Low Channel, 2402 MHz					
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result	
Fundamental	2401.69	N/A	N/A	N/A	

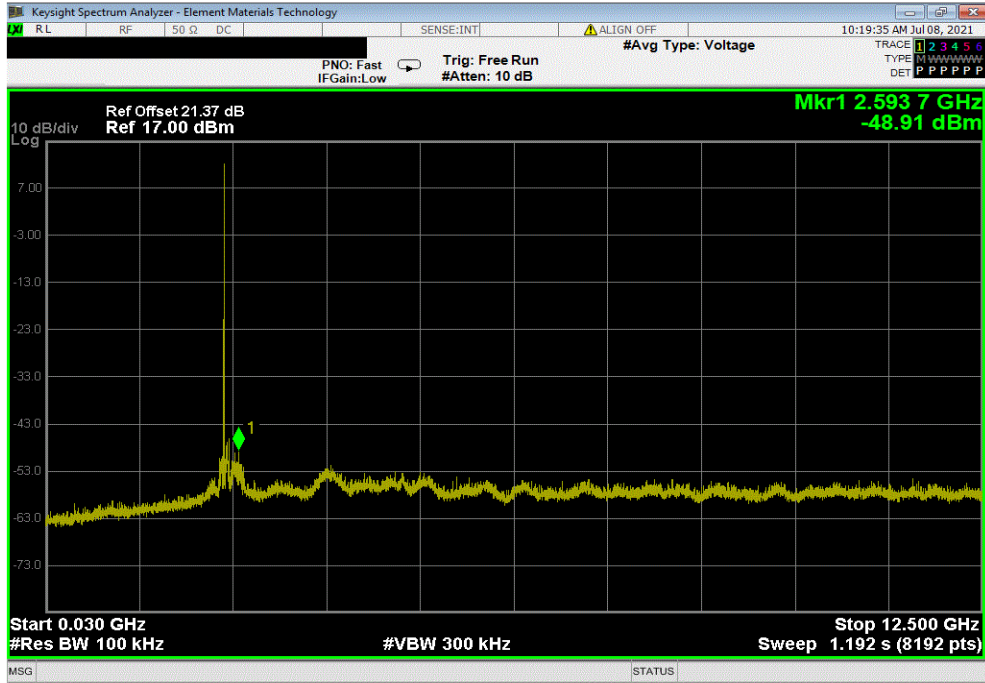


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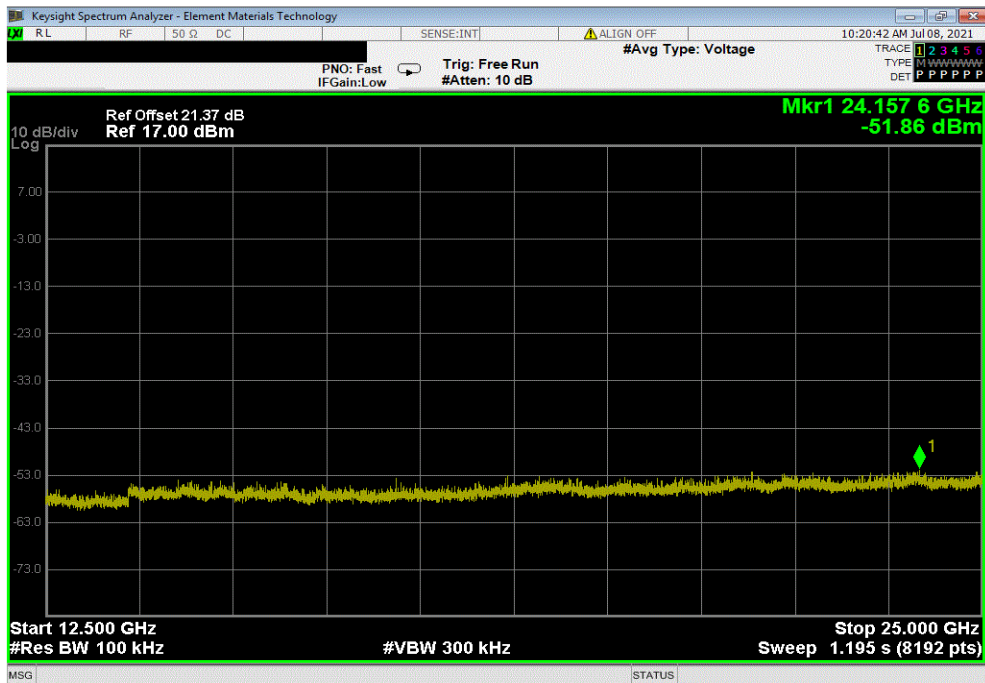


TbTx 2021.03.19.1 XMI 2020.12.30.0

BLE/GFSK , 500kbps Modulation, Low Channel, 2402 MHz				
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result
30 MHz - 12.5 GHz	2593.73	-61.01	-20	Pass



BLE/GFSK , 500kbps Modulation, Low Channel, 2402 MHz				
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result
12.5 GHz - 25 GHz	24157.61	-63.96	-20	Pass

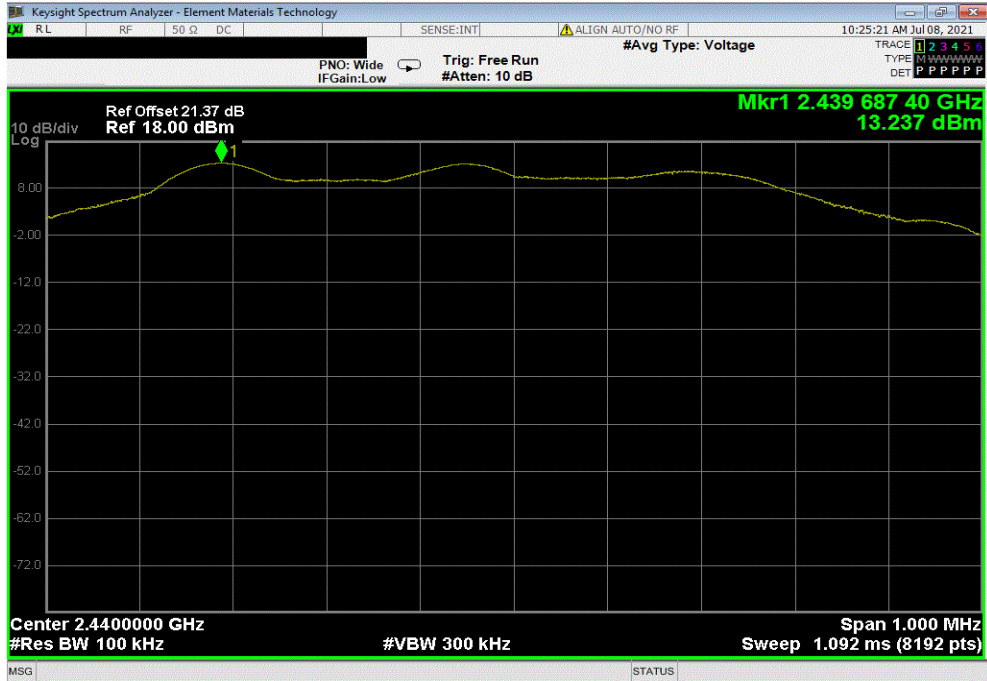


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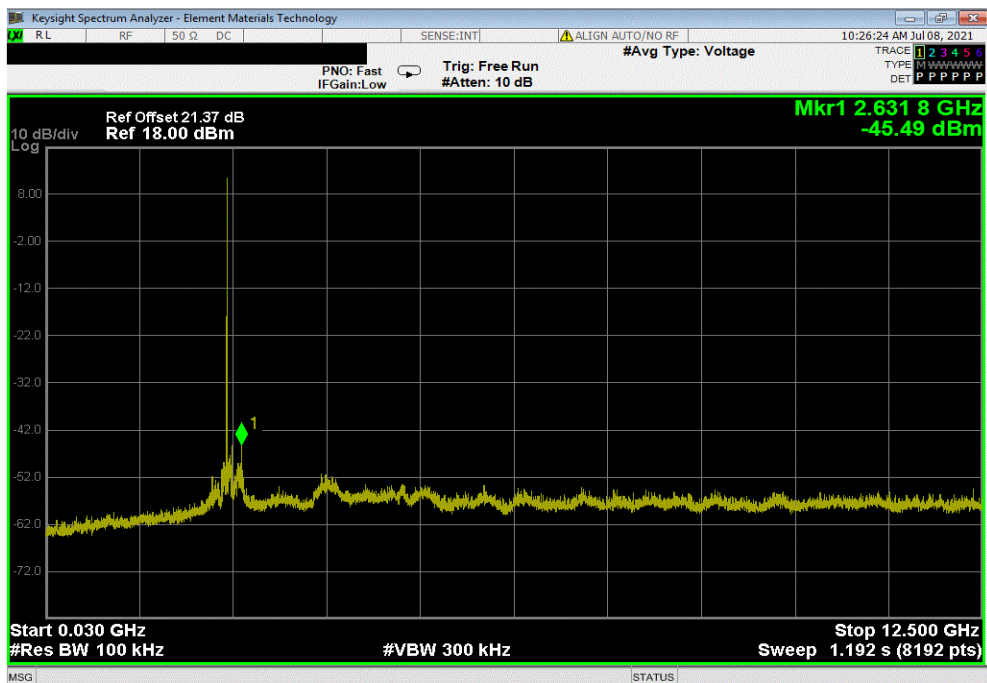


TbTx 2021.03.19.1 XMI 2020.12.30.0

BLE/GFSK , 500kbps Modulation, Mid Channel, 2440 MHz						
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result		
Fundamental	2439.69	N/A	N/A	N/A		



BLE/GFSK , 500kbps Modulation, Mid Channel, 2440 MHz						
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result		
30 MHz - 12.5 GHz	2631.79	-58.73	-20	Pass		

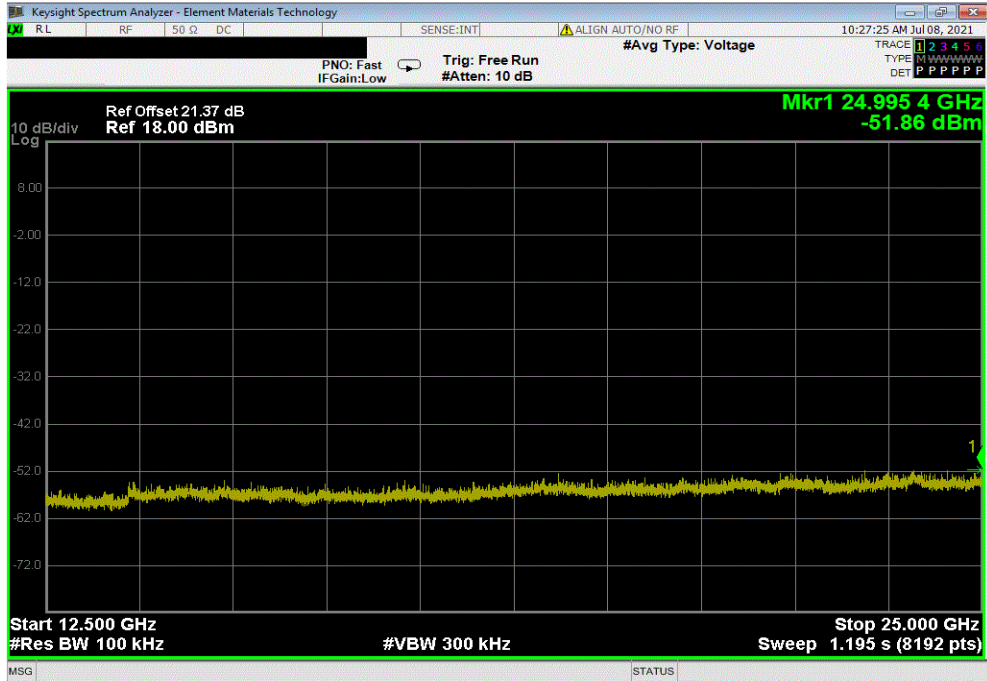


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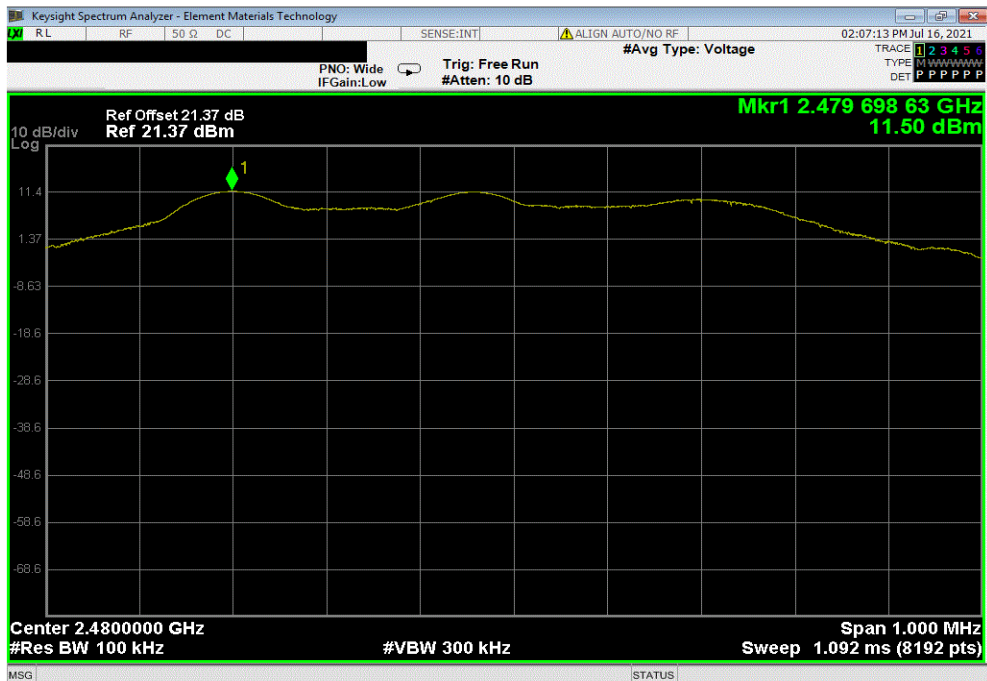


TbTx 2021.03.19.1 XMI 2020.12.30.0

BLE/GFSK , 500kbps Modulation, Mid Channel, 2440 MHz					
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result	
12.5 GHz - 25 GHz	24995.42	-65.1	-20	Pass	



BLE/GFSK , 500kbps Modulation, High Channel, 2480 MHz					
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result	
Fundamental	2479.7	N/A	N/A	N/A	

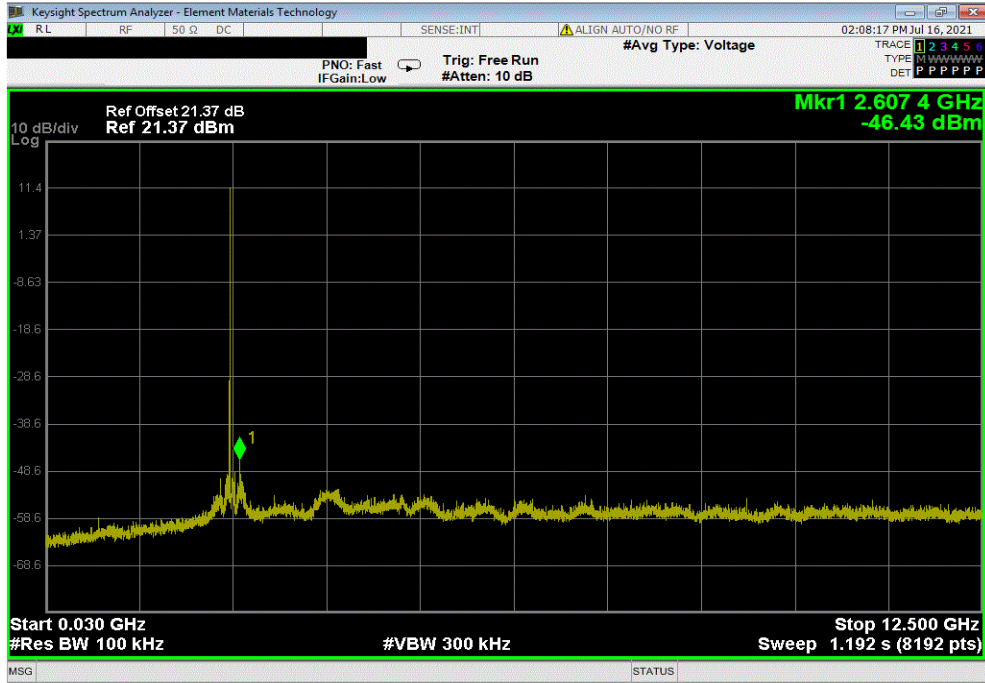


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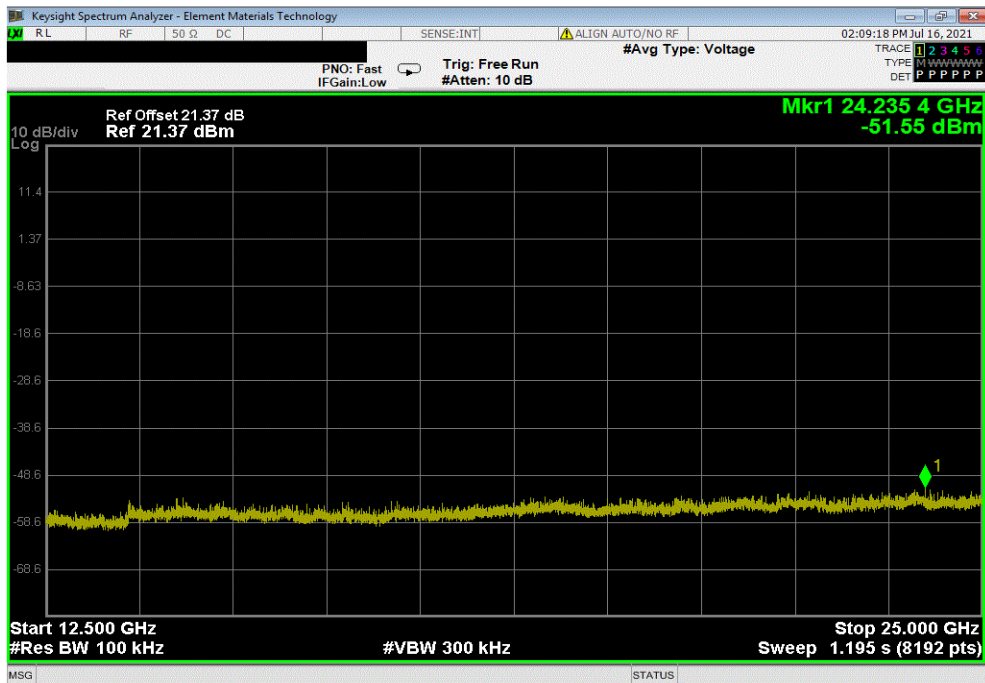


TbTx 2021.03.19.1 XMI 2020.12.30.0

BLE/GFSK , 500kbps Modulation, High Channel, 2480 MHz				
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result
30 MHz - 12.5 GHz	2607.43	-57.94	-20	Pass



BLE/GFSK , 500kbps Modulation, High Channel, 2480 MHz				
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result
12.5 GHz - 25 GHz	24235.44	-63.06	-20	Pass



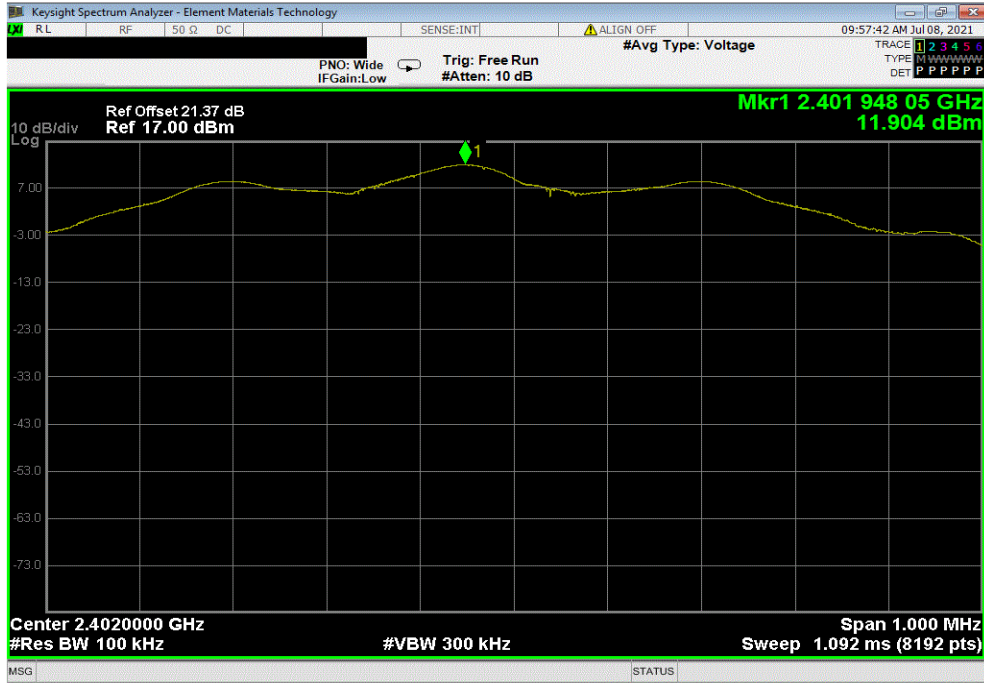


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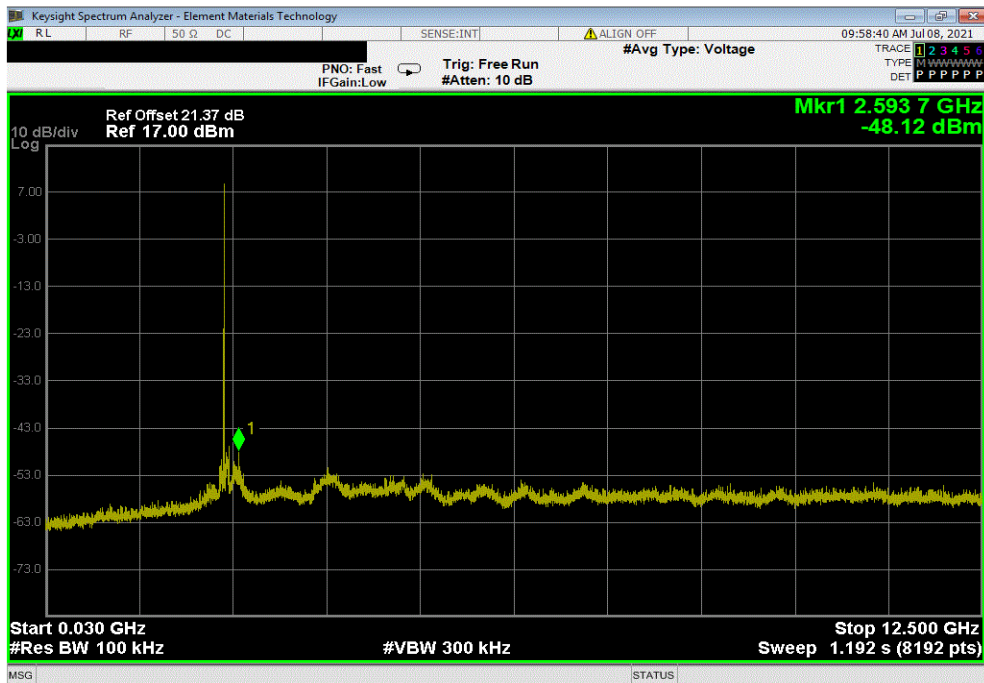


TbTx 2021.03.19.1 XMI 2020.12.30.0

BLE/GFSK , 125kbps Modulation, Low Channel, 2402 MHz						
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result		
Fundamental	2401.95	N/A	N/A	N/A		



BLE/GFSK , 125kbps Modulation, Low Channel, 2402 MHz						
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result		
30 MHz - 12.5 GHz	2593.73	-60.02	-20	Pass		

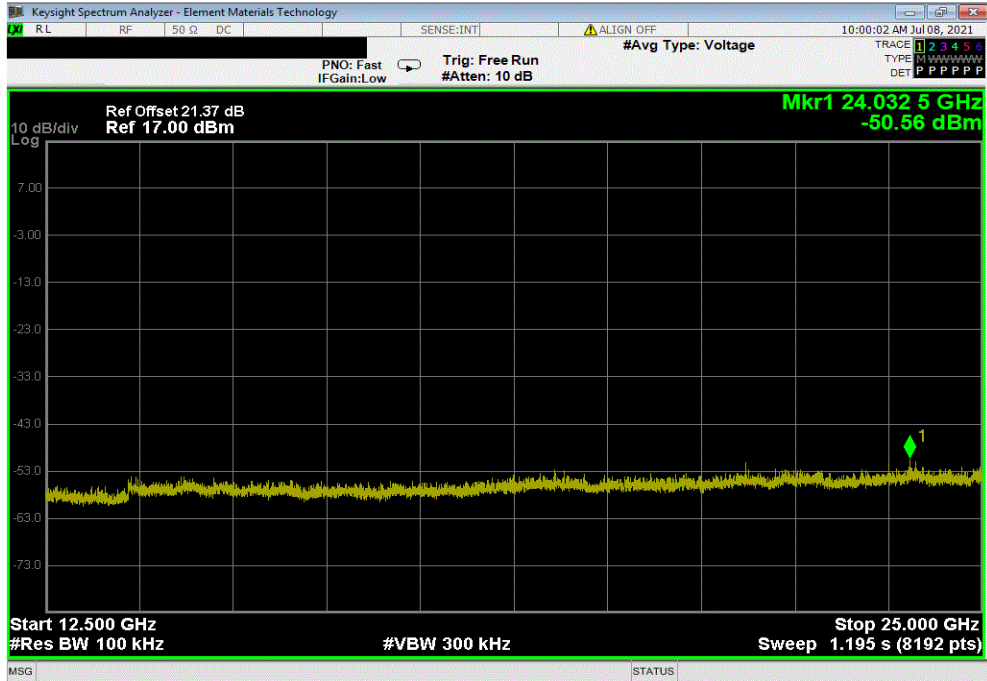


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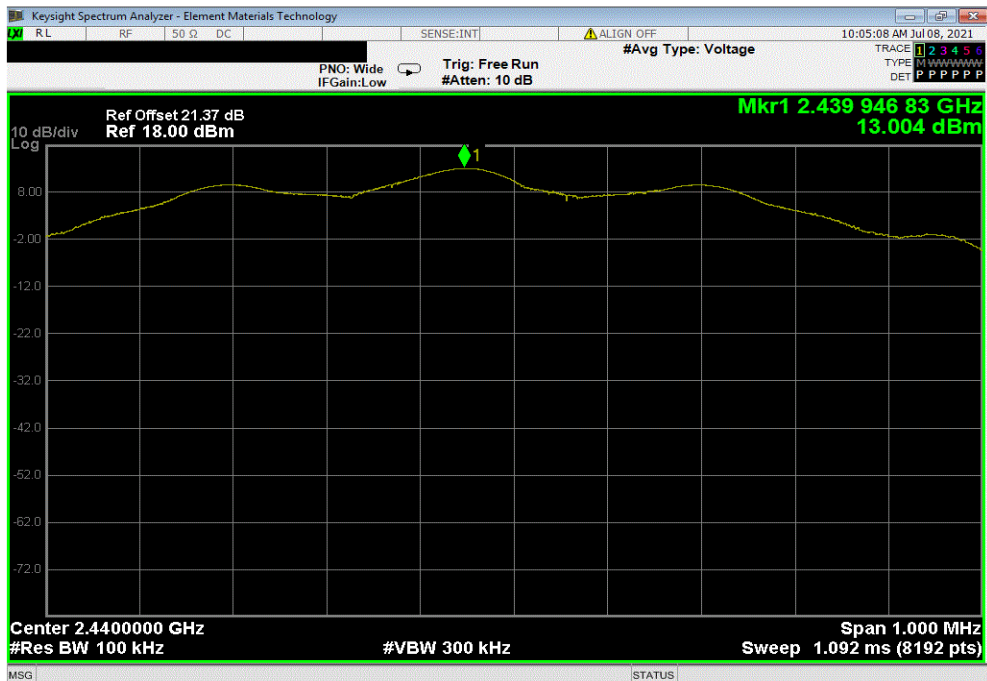


TbTx 2021.03.19.1 XMI 2020.12.30.0

BLE/GFSK , 125kbps Modulation, Low Channel, 2402 MHz					
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result	
12.5 GHz - 25 GHz	24032.47	-62.46	-20	Pass	



BLE/GFSK , 125kbps Modulation, Mid Channel, 2440 MHz					
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result	
Fundamental	2439.95	N/A	N/A	N/A	

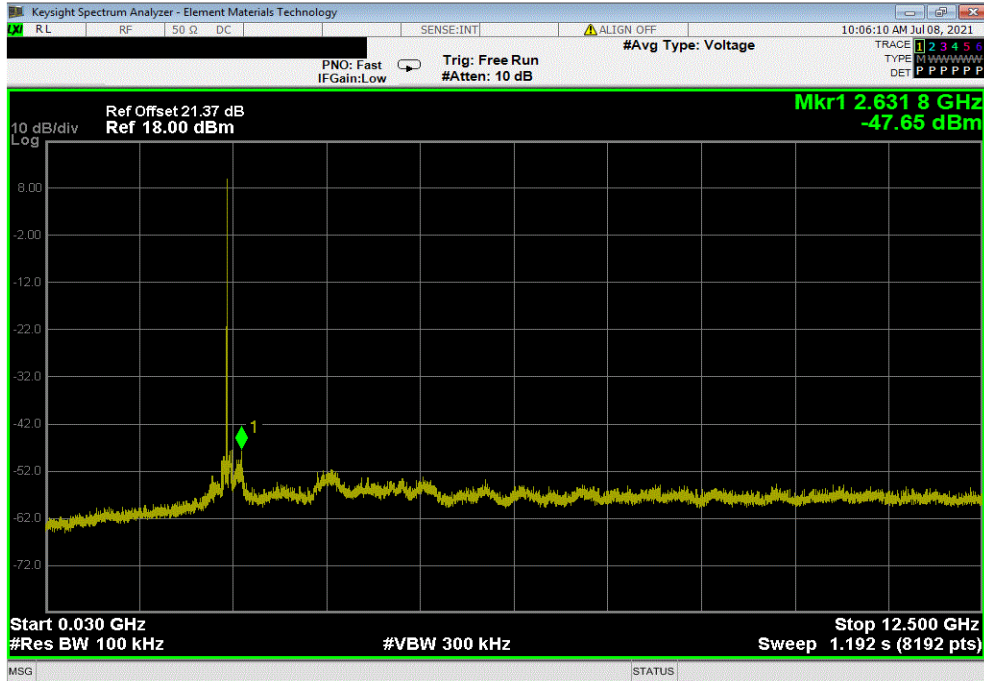


# SPURIOUS CONDUCTED EMISSIONS

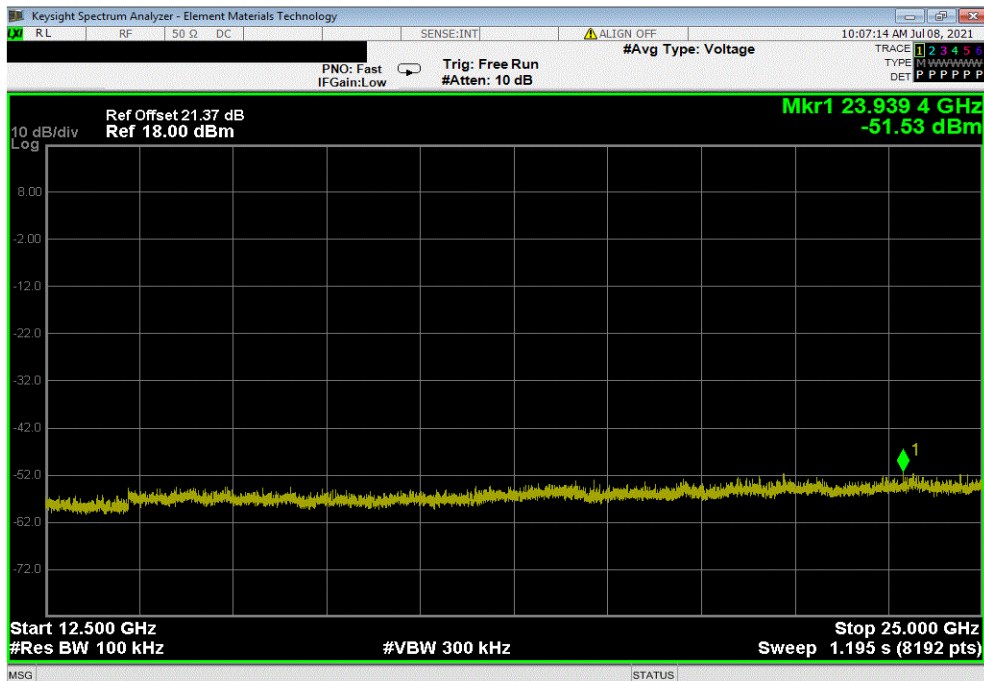


TbTx 2021.03.19.1 XMI 2020.12.30.0

BLE/GFSK , 125kbps Modulation, Mid Channel, 2440 MHz				
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result
30 MHz - 12.5 GHz	2631.79	-60.65	-20	Pass



BLE/GFSK , 125kbps Modulation, Mid Channel, 2440 MHz				
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result
12.5 GHz - 25 GHz	23939.38	-64.53	-20	Pass

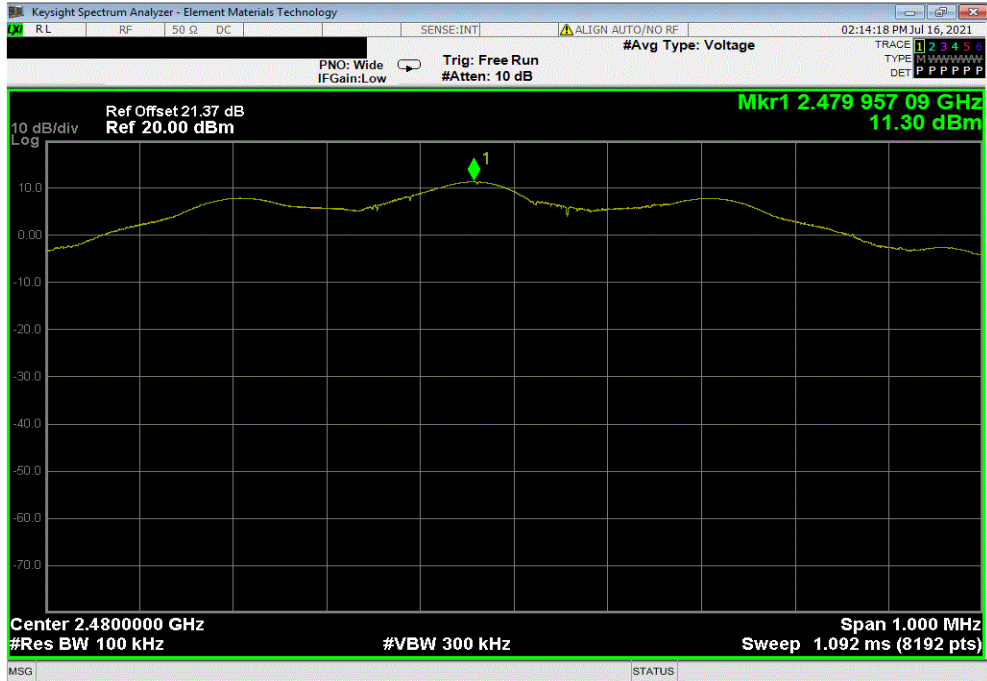


# SPURIOUS CONDUCTED EMISSIONS

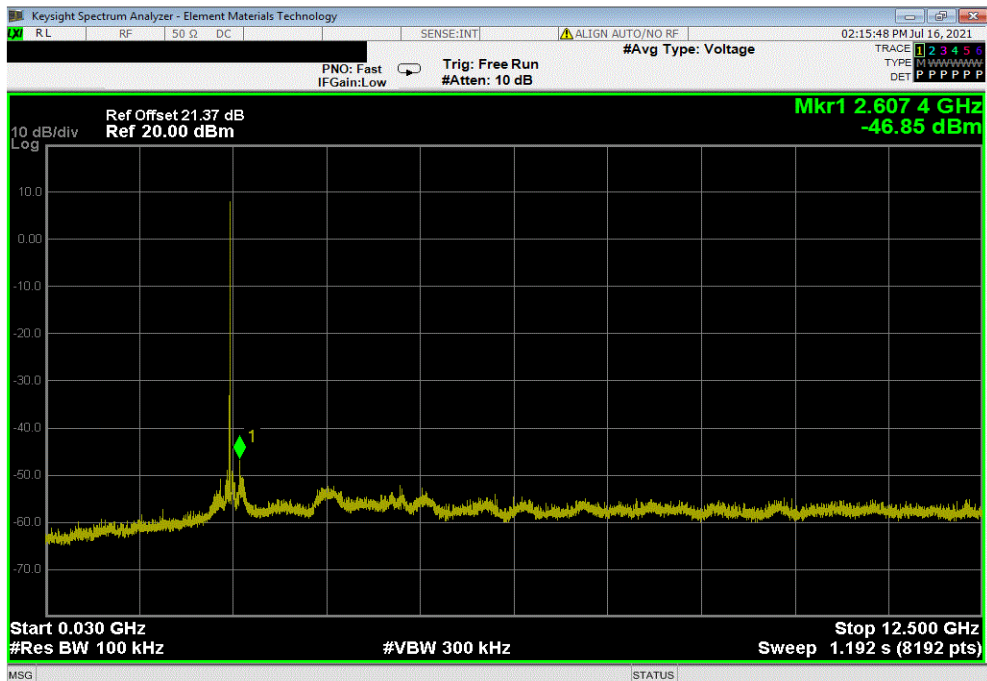


TbTx 2021.03.19.1 XMI 2020.12.30.0

BLE/GFSK , 125kbps Modulation, High Channel, 2480 MHz						
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result		
Fundamental	2479.96	N/A	N/A	N/A		



BLE/GFSK , 125kbps Modulation, High Channel, 2480 MHz						
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result		
30 MHz - 12.5 GHz	2607.43	-58.15	-20	Pass		

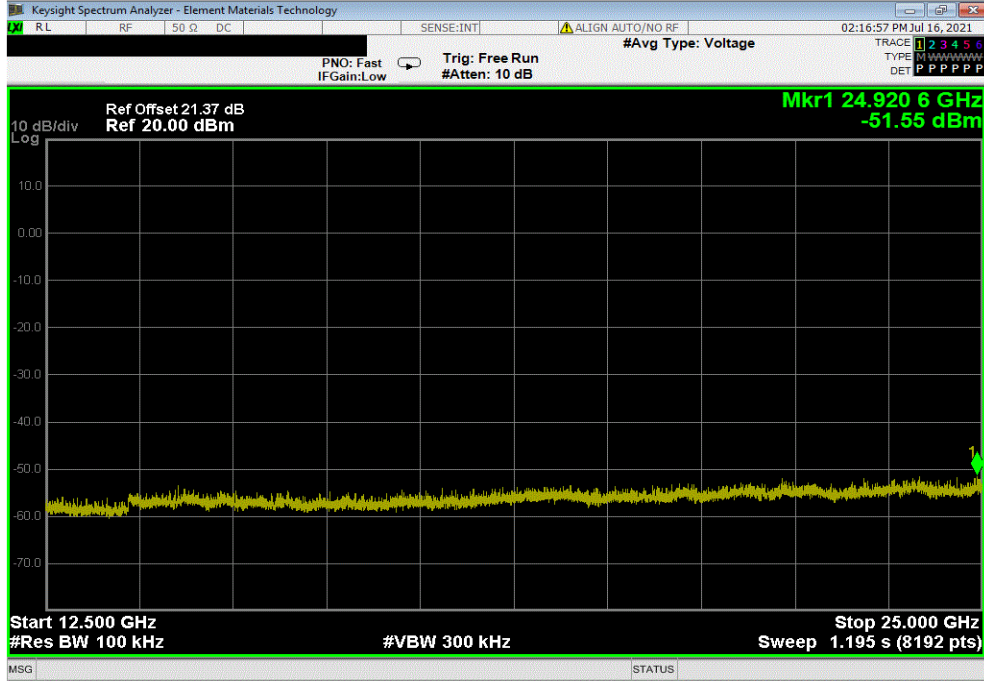


# SPURIOUS CONDUCTED EMISSIONS



TbTx 2021.03.19.1 XMI 2020.12.30.0

BLE/GFSK , 125kbps Modulation, High Channel, 2480 MHz				
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result
12.5 GHz - 25 GHz	24920.64	-62.85	-20	Pass



# SPURIOUS RADIATED EMISSIONS



PSA-ESCI 2021.03.17.0

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. The test data represents the configuration / operating mode/ model that produced the highest emission levels as compared to the specification limit.

## MODES OF OPERATION

BLE Tx Continuous: Low Channel 2402 MHz, Mid Channel 2440 MHz, High Channel 2480 MHz

## POWER SETTINGS INVESTIGATED

Battery

## CONFIGURATIONS INVESTIGATED

WTVD0040 - 2

## FREQUENCY RANGE INVESTIGATED

Start Frequency	30 MHz	Stop Frequency	26500 MHz
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## SAMPLE CALCULATIONS

Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation

## TEST EQUIPMENT

Description	Manufacturer	Model	ID	Last Cal.	Cal. Due
Amplifier - Pre-Amplifier	Miteq	JSDWK42-18004000-60-5P	PAM	2020-09-18	2021-09-18
Cable	Northwest EMC	18-40GHz	TXE	2020-09-18	2021-09-18
Antenna - Double Ridge	A.H. Systems, Inc.	SAS-574	AXW	2020-09-02	2022-09-02
Amplifier - Pre-Amplifier	Miteq	AMF-6F-12001800-30-10P	PAL	2020-09-17	2021-09-17
Antenna - Standard Gain	ETS Lindgren	3160-08	AJG	NCR	NCR
Amplifier - Pre-Amplifier	Miteq	AMF-6F-08001200-30-10P	PAK	2020-09-17	2021-09-17
Cable	Northwest EMC	8-18GHz	TXD	2021-04-30	2022-04-30
Antenna - Standard Gain	ETS Lindgren	3160-07	AJF	NCR	NCR
Amplifier - Pre-Amplifier	Miteq	AMF-3D-00100800-32-13P	PAJ	2021-05-24	2022-05-24
Cable	Northwest EMC	1-8.2 GHz	TXC	2021-05-24	2022-05-24
Antenna - Double Ridge	ETS Lindgren	3115	AJL	2020-10-20	2022-10-20
Amplifier - Pre-Amplifier	Fairview Microwave	FMAM63001	PAS	2021-05-24	2022-05-24
Cable	Northwest EMC	RE 9kHz - 1GHz	TXB	2021-05-24	2022-05-24
Antenna - Biconilog	ETS Lindgren	3143B	AYF	2020-06-25	2022-06-25
Filter - Low Pass	Micro-Tronics	LPM50004	HHV	2020-07-27	2022-07-27
Analyzer - Spectrum Analyzer	Agilent	E4440A	AFD	2020-07-30	2021-07-30

## TEST DESCRIPTION

The highest gain antenna of each type to be used with the EUT was tested. The EUT was configured for the required transmit frequencies and the modes as showed in the data sheets.

For each configuration, the spectrum was scanned throughout the specified range as part of the exploratory investigation of the emissions. These "pre-scans" are not included in the report. Final measurements on individual emissions were then made and included in this test report.

The individual emissions from the EUT were maximized by rotating the EUT on a turntable, adjusting the position of the EUT and EUT antenna in three orthogonal axis if required, and adjusting the measurement antenna height and polarization (per ANSI C63.10). A preamp and high pass filter (and notch filter) were used for this test in order to provide sufficient measurement sensitivity.

Measurements were made with the required detectors and annotated on the data for each individual point using the following annotation:

QP = Quasi-Peak Detector  
PK = Peak Detector  
AV = RMS Detector

Measurements were made to satisfy the specific requirements of the test specification for out of band emissions as well as the restricted band requirements.

If there are no detectable emissions above the noise floor, the data included may show noise floor measurements for reference only.

Measurements within 2 MHz of the allowable band may have been taken using the integration method from ANSI C63.10 clause 11.13.3. This procedure uses the channel power feature of the spectrum analyzer to integrate the power of the emission within a 1 MHz bandwidth.

Where the radio test software does not provide for a duty cycle at continuous transmit conditions (> 98%) and the RMS (power average) measurements were made across the on and off times of the EUT transmissions, a duty cycle correction is added to the measurements using the formula of  $10 \cdot \log(1/dc)$ .

# SPURIOUS RADIATED EMISSIONS

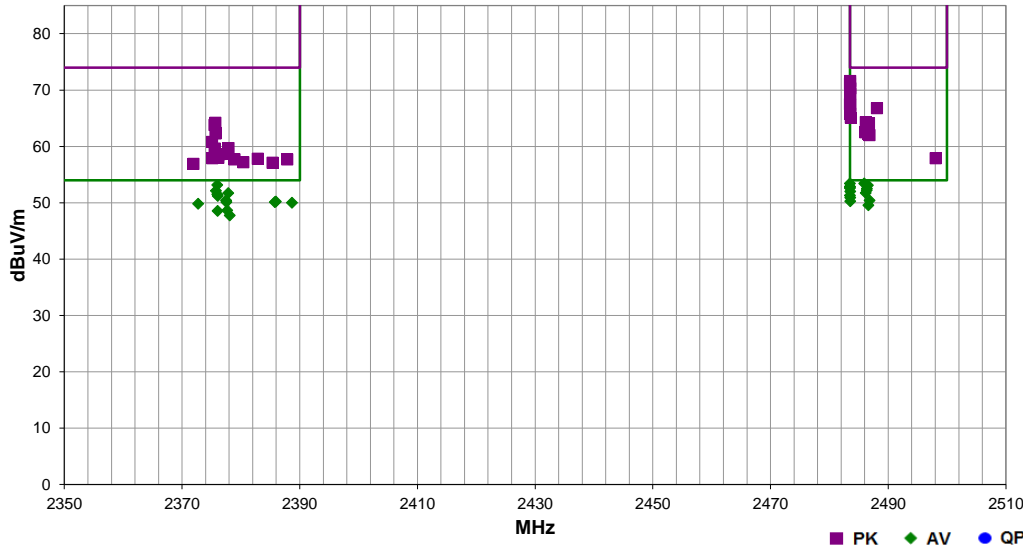


EmiRS 2021.06.24.0 PSA-ESCI 2021.03.17.0

<b>Work Order:</b>	WTVD0040	<b>Date:</b>	2021-07-09	
<b>Project:</b>	None	<b>Temperature:</b>	20.9 °C	
<b>Job Site:</b>	TX02	<b>Humidity:</b>	56.4% RH	
<b>Serial Number:</b>	1	<b>Barometric Pres.:</b>	1020 mbar	
<b>EUT:</b>	HiFi Mic 3.0			
<b>Configuration:</b>	2			
<b>Customer:</b>	Motorola Solutions Inc			
<b>Attendees:</b>	Navaid Karimi			
<b>EUT Power:</b>	Battery			
<b>Operating Mode:</b>	BLE continuous TX Please reference data comments for EUT orientation, Data Rate, Power Level and Channel			
<b>Deviations:</b>	None			
<b>Comments:</b>	Duty cycle correction factor added to measurements. DCCF for 1Mbps; $10\log(1/.332) = 4.8\text{dB}$ , 500kbps; $10\log(1/.541) = 2.7$ , 125kbps; $10\log(1/.751) = 1.2\text{dB}$ . After adding in a downward correction factor of $10*\log(74.8\text{ms}/100\text{ms}) = -1.3\text{dB}$ to all data rates: 1Mbps = 3.5dB, 500kbps = 1.4dB, 125kbps = -0.1.			

<b>Test Specifications</b>	<b>Test Method</b>
FCC 15.247:2021	ANSI C63.10:2013

<b>Run #</b>	12	<b>Test Distance (m)</b>	3	<b>Antenna Height(s)</b>	1 to 4(m)	<b>Results</b>	Pass
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Freq (MHz)	Amplitude (dBuV)	Factor (dB/m)	Antenna Height (meters)	Azimuth (degrees)	Test Distance (meters)	External Attenuation (dB)	Polarity/Transducer Type	Detector	Duty Cycle Correction Factor (dB)	Adjusted (dBuV/m)	Spec. Limit (dBuV/m)	Compared to Spec. (dB)	Comments
2485.950	35.3	-5.4	3.4	156.9	3.0	20.0	Horz	AV	3.5	53.4	54.0	-0.6	EUT Horizontal, Mid Ch. Pwr Lvl 3, 1 Mbps
2483.500	35.3	-5.4	4.0	327.9	3.0	20.0	Horz	AV	3.5	53.4	54.0	-0.6	EUT On Side, High Ch. Pwr Lvl 2, 1 Mbps
2376.000	39.0	-5.8	3.5	360.0	3.0	20.0	Horz	AV	-0.1	53.1	54.0	-0.9	EUT Horizontal, Mid Ch. Pwr Lvl 3, 125 kbps
2486.550	35.0	-5.4	2.7	289.0	3.0	20.0	Horz	AV	3.5	53.1	54.0	-0.9	EUT On Side, Mid Ch. Pwr Lvl 3, 1 Mbps
2483.500	38.3	-5.4	3.3	261.9	3.0	20.0	Horz	AV	-0.1	52.8	54.0	-1.2	EUT On Side, High Ch. Pwr Lvl 2, 125 kbps
2483.500	34.7	-5.4	1.0	274.9	3.0	20.0	Vert	AV	3.5	52.8	54.0	-1.2	EUT Vert, High Ch. Pwr Lvl 2, 1 Mbps
2483.500	34.5	-5.4	4.0	330.0	3.0	20.0	Horz	AV	3.5	52.6	54.0	-1.4	EUT Horizontal, High Ch. Pwr Lvl 2, 1 Mbps
2486.400	34.4	-5.4	1.0	291.0	3.0	20.0	Vert	AV	3.5	52.5	54.0	-1.5	EUT On Side, Mid Ch. Pwr Lvl 3, 1 Mbps
2486.375	34.1	-5.4	1.0	301.0	3.0	20.0	Vert	AV	3.5	52.2	54.0	-1.8	EUT Vert, Mid Ch. Pwr Lvl 3, 1 Mbps
2375.775	34.4	-5.8	3.5	226.9	3.0	20.0	Vert	AV	3.5	52.1	54.0	-1.9	EUT On Side, Mid Ch. Pwr Lvl 3, 1 Mbps
2483.550	33.9	-5.4	2.4	346.9	3.0	20.0	Horz	AV	3.5	52.0	54.0	-2.0	EUT Vert, High Ch. Pwr Lvl 2, 1 Mbps
2486.200	37.2	-5.4	3.2	360.0	3.0	20.0	Horz	AV	-0.1	51.7	54.0	-2.3	EUT Horizontal, Mid Ch. Pwr Lvl 3, 125 kbps
2377.850	34.0	-5.8	1.3	3.9	3.0	20.0	Horz	AV	3.5	51.7	54.0	-2.3	EUT Horizontal, Low Ch. Pwr Lvl 3, 1 Mbps
2483.525	57.0	-5.4	3.3	261.9	3.0	20.0	Horz	PK	0.0	71.6	74.0	-2.4	EUT On Side, High Ch. Pwr Lvl 2, 1 Mbps
2376.000	33.8	-5.8	1.5	286.9	3.0	20.0	Vert	AV	3.5	51.5	54.0	-2.5	EUT Vert, Mid Ch. Pwr Lvl 3, 1 Mbps
2483.500	33.2	-5.4	3.4	345.0	3.0	20.0	Vert	AV	3.5	51.3	54.0	-2.7	EUT Horizontal, High Ch. Pwr Lvl 2, 1 Mbps
2483.500	56.6	-5.4	4.0	327.9	3.0	20.0	Horz	PK	0.0	71.2	74.0	-2.8	EUT On Side, High Ch. Pwr Lvl 2, 1 Mbps
2376.075	33.5	-5.8	3.0	314.0	3.0	20.0	Vert	AV	3.5	51.2	54.0	-2.8	EUT Horizontal, Mid Ch. Pwr Lvl 3, 1 Mbps
2483.575	32.8	-5.4	1.5	306.0	3.0	20.0	Vert	AV	3.5	50.9	54.0	-3.1	EUT On Side, High Ch. Pwr Lvl 2, 1 Mbps
2377.500	32.7	-5.8	2.8	70.9	3.0	20.0	Vert	AV	3.5	50.4	54.0	-3.6	EUT Vertical, Low Ch. Pwr Lvl 3, 1 Mbps
2486.850	32.3	-5.4	1.5	42.0	3.0	20.0	Horz	AV	3.5	50.4	54.0	-3.6	EUT Vert, Mid Ch. Pwr Lvl 3, 1 Mbps
2483.575	55.7	-5.4	1.0	274.9	3.0	20.0	Vert	PK	0.0	70.3	74.0	-3.7	EUT Vert, High Ch. Pwr Lvl 2, 1 Mbps
2483.575	34.2	-5.4	1.0	336.0	3.0	20.0	Horz	AV	1.4	50.2	54.0	-3.8	EUT On Side, High Ch. Pwr Lvl 2, 500 kbps
2385.950	32.5	-5.8	1.5	338.0	3.0	20.0	Vert	AV	3.5	50.2	54.0	-3.8	EUT Horizontal, Low Ch. Pwr Lvl 3, 1 Mbps
2385.775	32.4	-5.8	1.5	130.9	3.0	20.0	Horz	AV	3.5	50.1	54.0	-3.9	EUT On Side, Low Ch. Pwr Lvl 3, 1 Mbps
2377.550	32.4	-5.8	2.5	210.0	3.0	20.0	Vert	AV	3.5	50.1	54.0	-3.9	EUT On Side, Low Ch. Pwr Lvl 3, 1 Mbps
2388.700	32.3	-5.8	1.5	219.0	3.0	20.0	Horz	AV	3.5	50.0	54.0	-4.0	EUT Vertical, Low Ch. Pwr Lvl 3, 1 Mbps
2372.750	32.2	-5.9	1.5	103.0	3.0	20.0	Vert	AV	3.5	49.8	54.0	-4.2	EUT Horizontal, Mid Ch. Pwr Lvl 3, 1 Mbps
2486.650	33.5	-5.4	1.1	350.0	3.0	20.0	Horz	AV	1.4	49.5	54.0	-4.5	EUT Horizontal, Mid Ch. Pwr Lvl 3, 500 kbps
2483.550	54.7	-5.4	4.0	330.0	3.0	20.0	Horz	PK	0.0	69.3	74.0	-4.7	EUT Horizontal, High Ch. Pwr Lvl 2, 1 Mbps
2377.675	33.0	-5.8	1.0	358.9	3.0	20.0	Horz	AV	1.4	48.6	54.0	-5.4	EUT Horizontal, Low Ch. Pwr Lvl 3, 500 kbps



Freq (MHz)	Amplitude (dBuV)	Factor (dB/m)	Antenna Height (meters)	Azimuth (degrees)	Test Distance (meters)	External Attenuation (dB)	Polarity/ Transducer Type	Detector	Duty Cycle Correction Factor (dB)	Adjusted (dBuV/m)	Spec. Limit (dBuV/m)	Compared to Spec. (dB)	Comments
2376.050	32.9	-5.8	1.5	303.9	3.0	20.0	Horz	AV	1.4	48.5	54.0	-5.5	EUT Horizontal, Mid Ch. Pwr Lvl 3, 500 kbps
2378.100	33.6	-5.8	4.0	333.9	3.0	20.0	Horz	AV	-0.1	47.7	54.0	-6.3	EUT Horizontal, Low Ch. Pwr Lvl 3, 125 kbps
2483.500	52.9	-5.4	2.4	346.9	3.0	20.0	Horz	PK	0.0	67.5	74.0	-6.5	EUT Vert, High Ch. Pwr Lvl 2, 1 Mbps
2483.550	52.7	-5.4	1.0	336.0	3.0	20.0	Horz	PK	0.0	67.3	74.0	-6.7	EUT On Side, High Ch. Pwr Lvl 2, 500 kbps
2488.100	52.2	-5.4	3.2	360.0	3.0	20.0	Horz	PK	0.0	66.8	74.0	-7.2	EUT Horizontal, Mid Ch. Pwr Lvl 3, 125 kbps
2483.525	51.2	-5.4	3.4	345.0	3.0	20.0	Vert	PK	0.0	65.8	74.0	-8.2	EUT Horizontal, High Ch. Pwr Lvl 2, 1 Mbps
2483.650	50.5	-5.4	1.5	306.0	3.0	20.0	Vert	PK	0.0	65.1	74.0	-8.9	EUT On Side, High Ch. Pwr Lvl 2, 1 Mbps
2486.200	49.7	-5.4	2.7	289.0	3.0	20.0	Horz	PK	0.0	64.3	74.0	-9.7	EUT On Side, Mid Ch. Pwr Lvl 3, 1 Mbps
2375.650	50.0	-5.8	3.5	360.0	3.0	20.0	Horz	PK	0.0	64.2	74.0	-9.8	EUT Horizontal, Mid Ch. Pwr Lvl 3, 125 kbps
2486.725	49.5	-5.4	3.4	156.9	3.0	20.0	Horz	PK	0.0	64.1	74.0	-9.9	EUT Horizontal, Mid Ch. Pwr Lvl 3, 1 Mbps
2375.500	49.6	-5.8	3.2	303.0	3.0	20.0	Horz	PK	0.0	63.8	74.0	-10.2	EUT Horizontal, Mid Ch. Pwr Lvl 3, 1 Mbps
2486.100	47.9	-5.4	1.0	291.0	3.0	20.0	Vert	PK	0.0	62.5	74.0	-11.5	EUT On Side, Mid Ch. Pwr Lvl 3, 1 Mbps
2375.675	48.1	-5.8	3.3	291.9	3.0	20.0	Horz	PK	0.0	62.3	74.0	-11.7	EUT Vert, Mid Ch. Pwr Lvl 3, 1 Mbps
2486.575	47.6	-5.4	1.0	301.0	3.0	20.0	Vert	PK	0.0	62.2	74.0	-11.8	EUT Vert, Mid Ch. Pwr Lvl 3, 1 Mbps
2486.825	47.4	-5.4	1.1	350.0	3.0	20.0	Horz	PK	0.0	62.0	74.0	-12.0	EUT Horizontal, Mid Ch. Pwr Lvl 3, 500 kbps
2375.075	46.6	-5.8	1.3	3.9	3.0	20.0	Horz	PK	0.0	60.8	74.0	-13.2	EUT Horizontal, Low Ch. Pwr Lvl 3, 1 Mbps
2377.875	45.5	-5.8	4.0	333.9	3.0	20.0	Horz	PK	0.0	59.7	74.0	-14.3	EUT Horizontal, Low Ch. Pwr Lvl 3, 125 kbps
2375.550	45.4	-5.8	3.5	226.9	3.0	20.0	Vert	PK	0.0	59.6	74.0	-14.4	EUT On Side, Mid Ch. Pwr Lvl 3, 1 Mbps
2377.800	44.5	-5.8	1.0	358.9	3.0	20.0	Horz	PK	0.0	58.7	74.0	-15.3	EUT Horizontal, Low Ch. Pwr Lvl 3, 500 kbps
2376.350	44.4	-5.8	1.5	286.9	3.0	20.0	Vert	PK	0.0	58.6	74.0	-15.4	EUT Vert, Mid Ch. Pwr Lvl 3, 1 Mbps
2376.175	43.8	-5.8	3.0	314.0	3.0	20.0	Vert	PK	0.0	58.0	74.0	-16.0	EUT Horizontal, Mid Ch. Pwr Lvl 3, 1 Mbps
2375.150	43.7	-5.8	1.5	303.9	3.0	20.0	Horz	PK	0.0	57.9	74.0	-16.1	EUT Horizontal, Mid Ch. Pwr Lvl 3, 500 kbps
2498.075	43.2	-5.3	1.5	42.0	3.0	20.0	Horz	PK	0.0	57.9	74.0	-16.1	EUT Vert, Mid Ch. Pwr Lvl 3, 1 Mbps
2382.850	43.6	-5.8	1.5	130.9	3.0	20.0	Horz	PK	0.0	57.8	74.0	-16.2	EUT On Side, Low Ch. Pwr Lvl 3, 1 Mbps
2378.900	43.5	-5.8	1.5	338.0	3.0	20.0	Vert	PK	0.0	57.7	74.0	-16.3	EUT Horizontal, Low Ch. Pwr Lvl 3, 1 Mbps
2387.875	43.5	-5.8	2.8	70.9	3.0	20.0	Vert	PK	0.0	57.7	74.0	-16.3	EUT Vertical, Low Ch. Pwr Lvl 3, 1 Mbps
2380.400	43.0	-5.8	2.5	210.0	3.0	20.0	Vert	PK	0.0	57.2	74.0	-16.8	EUT On Side, Low Ch. Pwr Lvl 3, 1 Mbps
2385.375	42.9	-5.8	1.5	219.0	3.0	20.0	Horz	PK	0.0	57.1	74.0	-16.9	EUT Vertical, Low Ch. Pwr Lvl 3, 1 Mbps
2371.925	42.8	-5.9	1.5	103.0	3.0	20.0	Vert	PK	0.0	56.9	74.0	-17.1	EUT Horizontal, Mid Ch. Pwr Lvl 3, 1 Mbps

# SPURIOUS RADIATED EMISSIONS

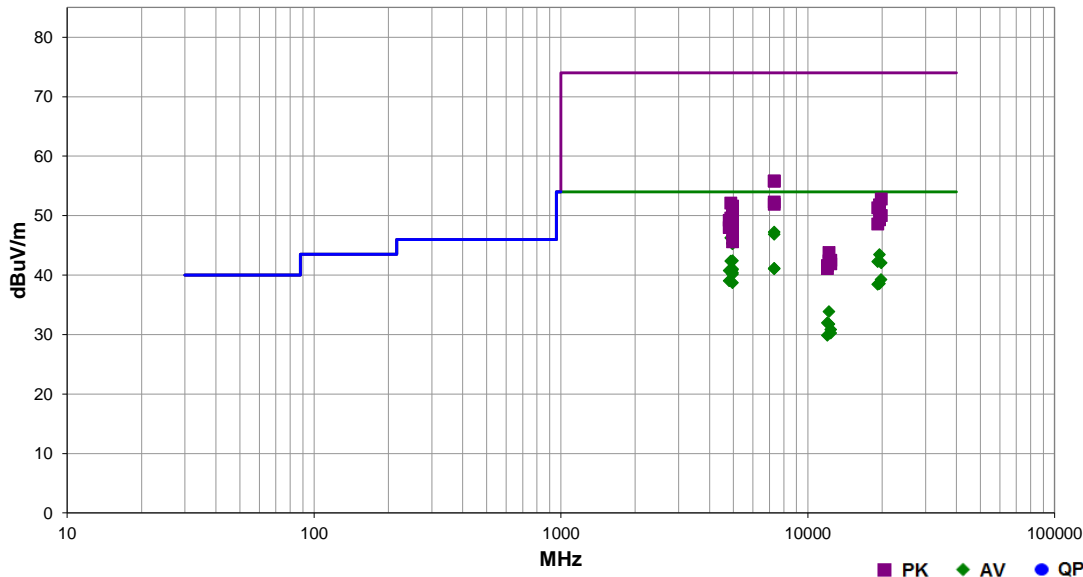


EmiRS 2021.06.24.0 PSA-ESCI 2021.03.17.0

<b>Work Order:</b>	WTVD0040	<b>Date:</b>	2021-07-19	 Tested by: Mark Baytan, Brandon Hobbs
<b>Project:</b>	None	<b>Temperature:</b>	20.9 °C	
<b>Job Site:</b>	TX02	<b>Humidity:</b>	56.8% RH	
<b>Serial Number:</b>	1	<b>Barometric Pres.:</b>	1020 mbar	
<b>EUT:</b>	HiFi Mic 3.0			
<b>Configuration:</b>	2			
<b>Customer:</b>	Motorola Solutions, Inc			
<b>Attendees:</b>	Navaid Karimi			
<b>EUT Power:</b>	Battery			
<b>Operating Mode:</b>	BLE Tx Continuous: Low Channel 2402 MHz, Mid Channel 2440 MHz, High Channel 2480 MHz			
<b>Deviations:</b>	None			
<b>Comments:</b>	Duty cycle correction factor added to measurements. DCCF for 1Mbps; $10\log(1/.332) = 4.8\text{dB}$ , 500kbps; $10\log(1/.541) = 2.7$ , 125kbps; $10\log(1/.751) = 1.2\text{dB}$ . After adding in a downward correction factor of $10^*\log(74.8\text{ms}/100\text{ms}) = -1.3\text{dB}$ to all data rates: 1Mbps = 3.5dB, 500kbps = 1.4dB, 125kbps = -0.1.			

Test Specifications	Test Method
FCC 15.247:2021	ANSI C63.10:2013

Run #	17	Test Distance (m)	3	Antenna Height(s)	1 to 4(m)	Results	Pass
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MHz, Mid Ch (MHz)	Amplitude (dBuV)	Factor (dB/m)	Antenna Height (meters)	Azimuth (degrees)	Test Distance (meters)	External Attenuation (dB)	Polarity/Transducer Type	Detector	Duty Cycle Correction Factor (dB)	Adjusted (dBuV/m)	Spec. Limit (dBuV/m)	Compared to Spec. (dB)	Comments
7320.627	35.4	11.9	2.0	351.9	3.0	0.0	Vert	AV	-0.1	47.2	54.0	-6.8	Mid Ch, EUT Horz, 125kbps, Pwr Lvl 3
7320.673	35.0	11.9	3.7	124.9	3.0	0.0	Horz	AV	-0.1	46.8	54.0	-7.2	Mid Ch, EUT on Side, 125kbps, Pwr Lvl 3
4879.867	40.5	5.8	2.4	358.9	3.0	0.0	Horz	AV	-0.1	46.2	54.0	-7.8	Mid Ch, EUT on Side, 125kbps, Pwr Lvl 3
4959.830	35.9	6.0	2.2	360.0	3.0	0.0	Horz	AV	3.5	45.4	54.0	-8.6	High Ch, EUT on Side, 1Mbps, Pwr Lvl 2
4959.923	39.4	6.0	2.2	360.0	3.0	0.0	Horz	AV	-0.1	45.3	54.0	-8.7	High Ch, EUT on Side, 125kbps, Pwr Lvl 2
4959.940	37.8	6.0	2.2	360.0	3.0	0.0	Horz	AV	1.4	45.2	54.0	-8.8	High Ch, EUT on Side, 500kbps, Pwr Lvl 2
19517.870	52.0	-8.5	1.0	33.9	3.0	0.0	Vert	AV	-0.1	43.4	54.0	-10.6	Mid Ch, EUT Horz, 125kbps, Pwr Lvl 3
4959.887	32.9	6.0	3.7	115.0	3.0	0.0	Horz	AV	3.5	42.4	54.0	-11.6	High Ch, EUT Horz, 1Mbps, Pwr Lvl 2
4879.950	36.6	5.8	4.0	194.0	3.0	0.0	Vert	AV	-0.1	42.3	54.0	-11.7	Mid Ch, EUT Horz, 125kbps, Pwr Lvl 3
19213.870	50.8	-8.5	1.0	38.0	3.0	0.0	Vert	AV	-0.1	42.2	54.0	-11.8	Low Ch, EUT Horz, 125kbps, Pwr Lvl 3
19841.500	50.4	-8.3	1.0	307.0	3.0	0.0	Vert	AV	-0.1	42.0	54.0	-12.0	High Ch, EUT Horz, 125kbps, Pwr Lvl 3
7319.290	29.3	11.9	1.5	171.0	3.0	0.0	Horz	AV	-0.1	41.1	54.0	-12.9	High Ch, EUT on Side, 125kbps, Pwr Lvl 2
7319.550	29.2	11.9	1.5	123.0	3.0	0.0	Vert	AV	-0.1	41.0	54.0	-13.0	High Ch, EUT Horz, 125kbps, Pwr Lvl 2
4959.677	31.5	6.0	1.9	81.9	3.0	0.0	Horz	AV	3.5	41.0	54.0	-13.0	High Ch, EUT Vert, 1Mbps, Pwr Lvl 2
4960.023	31.4	6.0	1.6	344.0	3.0	0.0	Vert	AV	3.5	40.9	54.0	-13.1	High Ch, EUT Vert, 1Mbps, Pwr Lvl 2
4803.860	35.2	5.6	3.9	327.9	3.0	0.0	Horz	AV	-0.1	40.7	54.0	-13.3	Low Ch, EUT Horz, 125kbps, Pwr Lvl 3
4959.910	30.9	6.0	1.5	32.0	3.0	0.0	Vert	AV	3.5	40.4	54.0	-13.6	High Ch, EUT Horz, 1Mbps, Pwr Lvl 2
4959.933	34.2	6.0	3.7	196.9	3.0	0.0	Vert	AV	-0.1	40.1	54.0	-13.9	High Ch, EUT Horz, 125kbps, Pwr Lvl 2
19839.100	47.6	-8.3	1.0	129.9	3.0	0.0	Horz	AV	-0.1	39.2	54.0	-14.8	High Ch, EUT on Side, 125kbps, Pwr Lvl 3
4803.907	33.5	5.6	3.6	21.0	3.0	0.0	Vert	AV	-0.1	39.0	54.0	-15.0	Low Ch, EUT Horz, 125kbps, Pwr Lvl 3
4959.637	29.2	6.0	1.5	45.9	3.0	0.0	Vert	AV	3.5	38.7	54.0	-15.3	High Ch, EUT on Side, 1Mbps, Pwr Lvl 2
19520.270	47.1	-8.5	1.0	168.0	3.0	0.0	Horz	AV	-0.1	38.5	54.0	-15.5	Mid Ch, EUT on Side, 125kbps, Pwr Lvl 3
19213.780	47.0	-8.5	1.0	307.0	3.0	0.0	Horz	AV	-0.1	38.4	54.0	-15.6	Low Ch, EUT on Side, 125kbps, Pwr Lvl 3
7320.710	43.9	11.9	2.0	351.9	3.0	0.0	Vert	PK	0.0	55.8	74.0	-18.2	Mid Ch, EUT Horz, 125kbps, Pwr Lvl 3
7319.003	43.9	11.9	3.7	124.9	3.0	0.0	Horz	PK	0.0	55.8	74.0	-18.2	Mid Ch, EUT on Side, 125kbps, Pwr Lvl 3

MHz, Mid Ch (MHz)	Amplitude (dBuV)	Factor (dB/m)	Antenna Height (meters)	Azimuth (degrees)	Test Distance (meters)	External Attenuation (dB)	Polarity/ Transducer Type	Detector	Duty Cycle Correction Factor (dB)	Adjusted (dBuV/m)	Spec. Limit (dBuV/m)	Compared to Spec. (dB)	Comments
12201.010	36.3	-2.4	2.7	267.9	3.0	0.0	Horz	AV	-0.1	33.8	54.0	-20.2	Mid Ch, EUT on Side, 125kbps, Pwr Lvl 3
19839.660	61.1	-8.3	1.0	307.0	3.0	0.0	Vert	PK	0.0	52.8	74.0	-21.2	High Ch, EUT Horz, 125kbps, Pwr Lvl 3
7320.340	40.4	11.9	1.5	171.0	3.0	0.0	Horz	PK	0.0	52.3	74.0	-21.7	High Ch, EUT on Side, 125kbps, Pwr Lvl 2
4879.393	46.3	5.8	2.4	358.9	3.0	0.0	Horz	PK	0.0	52.1	74.0	-21.9	Mid Ch, EUT on Side, 125kbps, Pwr Lvl 3
12008.760	35.3	-3.3	3.2	200.0	3.0	0.0	Vert	AV	-0.1	31.9	54.0	-22.1	Low Ch, EUT Horz, 125kbps, Pwr Lvl 3
7320.607	40.0	11.9	1.5	123.0	3.0	0.0	Vert	PK	0.0	51.9	74.0	-22.1	High Ch, EUT Horz, 125kbps, Pwr Lvl 2
19521.780	60.3	-8.5	1.0	33.9	3.0	0.0	Vert	PK	0.0	51.8	74.0	-22.2	Mid Ch, EUT Horz, 125kbps, Pwr Lvl 3
12198.730	34.2	-2.4	1.5	52.9	3.0	0.0	Vert	AV	-0.1	31.7	54.0	-22.3	Mid Ch, EUT Horz, 125kbps, Pwr Lvl 3
4960.633	45.6	6.0	2.2	360.0	3.0	0.0	Horz	PK	0.0	51.6	74.0	-22.4	High Ch, EUT on Side, 1Mbps, Pwr Lvl 2
4959.423	45.4	6.0	2.2	360.0	3.0	0.0	Horz	PK	0.0	51.4	74.0	-22.6	High Ch, EUT on Side, 125kbps, Pwr Lvl 2
19214.260	59.8	-8.5	1.0	38.0	3.0	0.0	Vert	PK	0.0	51.3	74.0	-22.7	Low Ch, EUT Horz, 125kbps, Pwr Lvl 3
4959.153	45.2	6.0	2.2	360.0	3.0	0.0	Horz	PK	0.0	51.2	74.0	-22.8	High Ch, EUT on Side, 500kbps, Pwr Lvl 2
12398.600	32.9	-2.0	1.5	234.0	3.0	0.0	Vert	AV	-0.1	30.8	54.0	-23.2	High Ch, EUT Horz, 125kbps, Pwr Lvl 3
12399.470	32.3	-2.0	2.3	0.0	3.0	0.0	Horz	AV	-0.1	30.2	54.0	-23.8	High Ch, EUT on Side, 125kbps, Pwr Lvl 3
4959.207	44.1	6.0	3.7	196.9	3.0	0.0	Vert	PK	0.0	50.1	74.0	-23.9	High Ch, EUT Horz, 125kbps, Pwr Lvl 2
19840.120	58.3	-8.3	1.0	129.9	3.0	0.0	Horz	PK	0.0	50.0	74.0	-24.0	High Ch, EUT on Side, 125kbps, Pwr Lvl 3
12010.990	33.2	-3.3	1.5	38.0	3.0	0.0	Horz	AV	-0.1	29.8	54.0	-24.2	Low Ch, EUT on Side, 125kbps, Pwr Lvl 3
4880.527	43.8	5.8	4.0	194.0	3.0	0.0	Vert	PK	0.0	49.6	74.0	-24.4	Mid Ch, EUT Horz, 125kbps, Pwr Lvl 3
19518.360	57.8	-8.5	1.0	168.0	3.0	0.0	Horz	PK	0.0	49.3	74.0	-24.7	Mid Ch, EUT on Side, 125kbps, Pwr Lvl 3
4960.627	43.2	6.0	3.7	115.0	3.0	0.0	Horz	PK	0.0	49.2	74.0	-24.8	High Ch, EUT Horz, 1Mbps, Pwr Lvl 2
4803.687	43.6	5.6	3.9	327.9	3.0	0.0	Horz	PK	0.0	49.2	74.0	-24.8	Low Ch, EUT on Side, 125kbps, Pwr Lvl 3
4959.377	42.9	6.0	1.9	81.9	3.0	0.0	Horz	PK	0.0	48.9	74.0	-25.1	High Ch, EUT Vert, 1Mbps, Pwr Lvl 2
4959.537	42.6	6.0	1.6	344.0	3.0	0.0	Vert	PK	0.0	48.6	74.0	-25.4	High Ch, EUT Vert, 1Mbps, Pwr Lvl 2
19216.540	57.1	-8.5	1.0	307.0	3.0	0.0	Horz	PK	0.0	48.6	74.0	-25.4	Low Ch, EUT on Side, 125kbps, Pwr Lvl 3
4804.350	42.4	5.6	3.6	21.0	3.0	0.0	Vert	PK	0.0	48.0	74.0	-26.0	Low Ch, EUT Horz, 125kbps, Pwr Lvl 3
4960.230	41.1	6.0	1.5	32.0	3.0	0.0	Vert	PK	0.0	47.1	74.0	-26.9	High Ch, EUT Horz, 1Mbps, Pwr Lvl 2
4959.613	39.6	6.0	1.5	45.9	3.0	0.0	Vert	PK	0.0	45.6	74.0	-28.4	High Ch, EUT on Side, 1Mbps, Pwr Lvl 2
12201.020	46.2	-2.4	2.7	267.9	3.0	0.0	Horz	PK	0.0	43.8	74.0	-30.2	Mid Ch, EUT on Side, 125kbps, Pwr Lvl 3
12399.710	44.5	-2.0	1.5	234.0	3.0	0.0	Vert	PK	0.0	42.5	74.0	-31.5	High Ch, EUT Horz, 125kbps, Pwr Lvl 3
12199.530	44.8	-2.4	1.5	52.9	3.0	0.0	Vert	PK	0.0	42.4	74.0	-31.6	Mid Ch, EUT Horz, 125kbps, Pwr Lvl 3
12399.660	43.9	-2.0	2.3	0.0	3.0	0.0	Horz	PK	0.0	41.9	74.0	-32.1	High Ch, EUT on Side, 125kbps, Pwr Lvl 3
12009.220	44.9	-3.3	3.2	200.0	3.0	0.0	Vert	PK	0.0	41.6	74.0	-32.4	Low Ch, EUT Horz, 125kbps, Pwr Lvl 3
12011.920	44.4	-3.3	1.5	38.0	3.0	0.0	Horz	PK	0.0	41.1	74.0	-32.9	Low Ch, EUT on Side, 125kbps, Pwr Lvl 3

End of Test Report