

# FREQUENCY STABILITY - 5.3, 5.6, 5.8 GHz BANDS



XMI 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
Generator - Signal	Agilent	N5181A	TIG	2020-04-16	2023-04-16
Cable	Micro-Coax	UFD150A-1-0720-200200	EVK	2021-03-14	2022-03-14
Attenuator	S.M. Electronics	SA26B-20	AUY	2021-03-14	2022-03-14
Block - DC	Fairview Microwave	SD3379	AMW	2021-03-14	2022-03-14
Analyzer - Spectrum Analyzer	Keysight	N9010A	AFO	2021-07-06	2022-07-06

## TEST DESCRIPTION

The spectrum analyzer is equipped with a precision frequency reference that exceeds the stability requirement of the EUT.

Measurements were made at the edges of the main transmit bands as called out on the data sheets. Testing was done with an absence of modulation in a CW mode of operation.

The primary supply voltage was varied from 85 % to 115% of the nominal voltage Using a temperature chamber, the transmit frequency was recorded at the extremes of the specified temperature range (-30 ° to +50° C) and at 10°C intervals.

Where a ppm limit applies:  $\text{ppm} = (\text{Measured Frequency} / \text{Measured Nominal Frequency} - 1) * 1,000,000$

Per the requirements of FCC 15.407:

"Manufacturers of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified in the user's manual."

No specific limits are provided in either FCC 15.407, the product specific rule part, or FCC 2.1055, the equipment authorization procedure for testing frequency stability. While there are no limits called out, any results less than 100ppm will still allow the radio to be operating within the band.

# FREQUENCY STABILITY - 5.3, 5.6, 5.8 GHz BANDS



Tel# 2021.10.29.2 XM# 2020.12.30.0

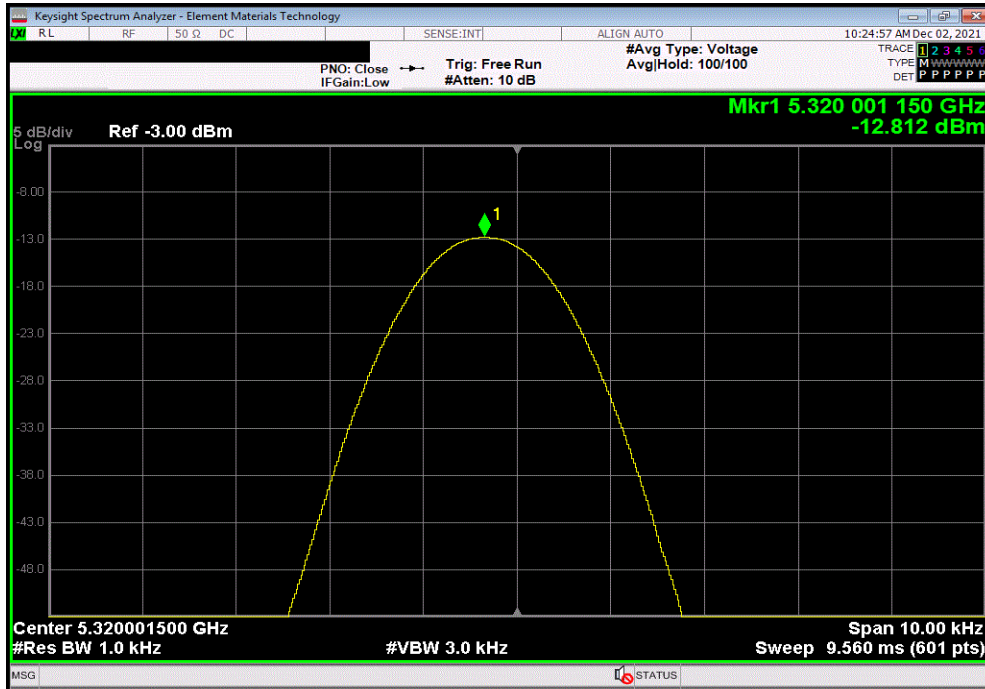
EUT: A-dec Gateway		Work Order: A-DE0169				
Serial Number: 521A000122		Date: 3-Dec-21				
Customer: A-dec, Inc.		Temperature: 20.6 °C				
Attendees: None		Humidity: 40.9% RH				
Project: None		Barometric Pres.: 1024 mbar				
Tested by: Jeff Alcoke	Power: 24 VDC via 110VAC/60Hz	Job Site: EV06				
TEST SPECIFICATIONS						
FCC 15.407:2021		Test Method: ANSI C63.10:2013				
COMMENTS						
Reference level offset includes: DC block, 20 dB attenuator, and measurement cable.						
DEVIATIONS FROM TEST STANDARD						
None						
Configuration #	4	Signature				
		Measured Value (MHz)	Nominal Value (MHz)	Error (ppm)	Limit (ppm)	Results
5250 - 5350 MHz Band, CW, Ch 64 = 5320 MHz						
	Voltage: 115%, 27.6 VDC	5320.00115	5320.004733	0.7	100	Pass
	Voltage: 100%, 24 VDC	5320.004733	5320.004733	0	100	Pass
	Voltage: 85%, 20.4 VDC	5320.001967	5320.004733	0.5	100	Pass
	Temperature: +50°	5320.005151	5320.004733	0.1	100	Pass
	Temperature: +40°	5319.99975	5320.004733	0.9	100	Pass
	Temperature: +30°	5320.004234	5320.004733	0.1	100	Pass
	Temperature: +20°	5320.0163	5320.004733	2.2	100	Pass
	Temperature: +10°	5320.025416	5320.004733	3.9	100	Pass
	Temperature: 0°	5320.036049	5320.004733	5.9	100	Pass
	Temperature: -10°	5320.041916	5320.004733	7	100	Pass
	Temperature: -20°	5320.040483	5320.004733	6.7	100	Pass
	Temperature: -30°	5320.028549	5320.004733	4.5	100	Pass
5470 - 5725 MHz Band, CW, Ch 100 = 5500 MHz						
	Voltage: 115%, 27.6 VDC	5500.0014	5500.00335	0.4	100	Pass
	Voltage: 100%, 24 VDC	5500.00335	5500.00335	0	100	Pass
	Voltage: 85%, 20.4 VDC	5500.0012	5500.00335	0.4	100	Pass
	Temperature: +50°	5500.008067	5500.00335	0.9	100	Pass
	Temperature: +40°	5499.999799	5500.00335	0.6	100	Pass
	Temperature: +30°	5500.003867	5500.00335	0.1	100	Pass
	Temperature: +20°	5500.015466	5500.00335	2.2	100	Pass
	Temperature: +10°	5500.02565	5500.00335	4.1	100	Pass
	Temperature: 0°	5500.036084	5500.00335	6	100	Pass
	Temperature: -10°	5500.0435	5500.00335	7.3	100	Pass
	Temperature: -20°	5500.041399	5500.00335	6.9	100	Pass
	Temperature: -30°	5500.029983	5500.00335	4.8	100	Pass
5470 - 5725 MHz Band, CW, Ch 140 = 5700 MHz						
	Voltage: 115%, 27.6 VDC	5700.000949	5700.001783	0.1	100	Pass
	Voltage: 100%, 24 VDC	5700.001783	5700.001783	0	100	Pass
	Voltage: 85%, 20.4 VDC	5700.0016	5700.001783	0	100	Pass
	Temperature: +50°	5700.010833	5700.001783	1.6	100	Pass
	Temperature: +40°	5699.99975	5700.001783	0.4	100	Pass
	Temperature: +30°	5700.004233	5700.001783	0.4	100	Pass
	Temperature: +20°	5700.0156	5700.001783	2.4	100	Pass
	Temperature: +10°	5700.02755	5700.001783	4.5	100	Pass
	Temperature: 0°	5700.037966	5700.001783	6.3	100	Pass
	Temperature: -10°	5700.045166	5700.001783	7.6	100	Pass
	Temperature: -20°	5700.04375	5700.001783	7.4	100	Pass
	Temperature: -30°	5700.03275	5700.001783	5.4	100	Pass
5725 - 5580 MHz Band, CW, Ch 165 = 5825 MHz						
	Voltage: 115%, 27.6 VDC	5825.001156	5825.001807	0.1	100	Pass
	Voltage: 100%, 24 VDC	5825.001807	5825.001807	0	100	Pass
	Voltage: 85%, 20.4 VDC	5825.001106	5825.001807	0.1	100	Pass
	Temperature: +50°	5825.010832	5825.001807	1.5	100	Pass
	Temperature: +40°	5824.999775	5825.001807	0.3	100	Pass
	Temperature: +30°	5825.005761	5825.001807	0.7	100	Pass
	Temperature: +20°	5825.01411	5825.001807	2.1	100	Pass
	Temperature: +10°	5825.029095	5825.001807	4.7	100	Pass
	Temperature: 0°	5825.038272	5825.001807	6.3	100	Pass
	Temperature: -10°	5825.046111	5825.001807	7.6	100	Pass
	Temperature: -20°	5825.044939	5825.001807	7.4	100	Pass
	Temperature: -30°	5825.034	5825.001807	5.5	100	Pass

# FREQUENCY STABILITY - 5.3, 5.6, 5.8 GHz BANDS

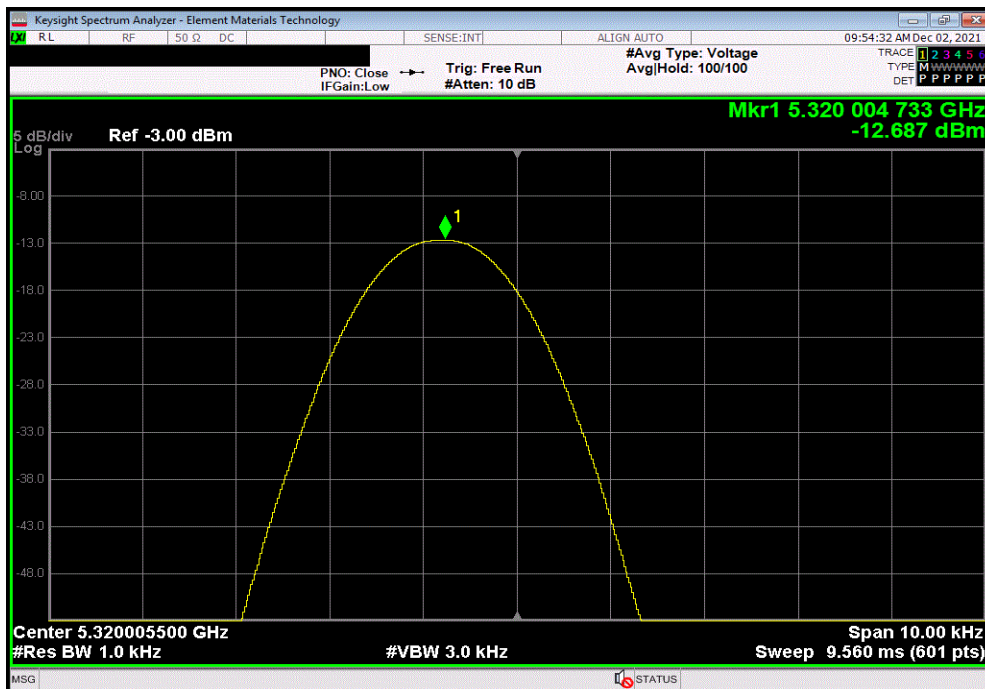


TbTx 2021.10.29.2 XMI 2020.12.30.0

5250 - 5350 MHz Band, CW, Ch 64 = 5320 MHz, Voltage: 115%, 27.6 VDC					
Measured Value (MHz)	Nominal Value (MHz)	Error (ppm)	Limit (ppm)	Results	
5320.00115	5320.004733	0.7	100	Pass	



5250 - 5350 MHz Band, CW, Ch 64 = 5320 MHz, Voltage: 100%, 24 VDC					
Measured Value (MHz)	Nominal Value (MHz)	Error (ppm)	Limit (ppm)	Results	
5320.004733	5320.004733	0	100	Pass	

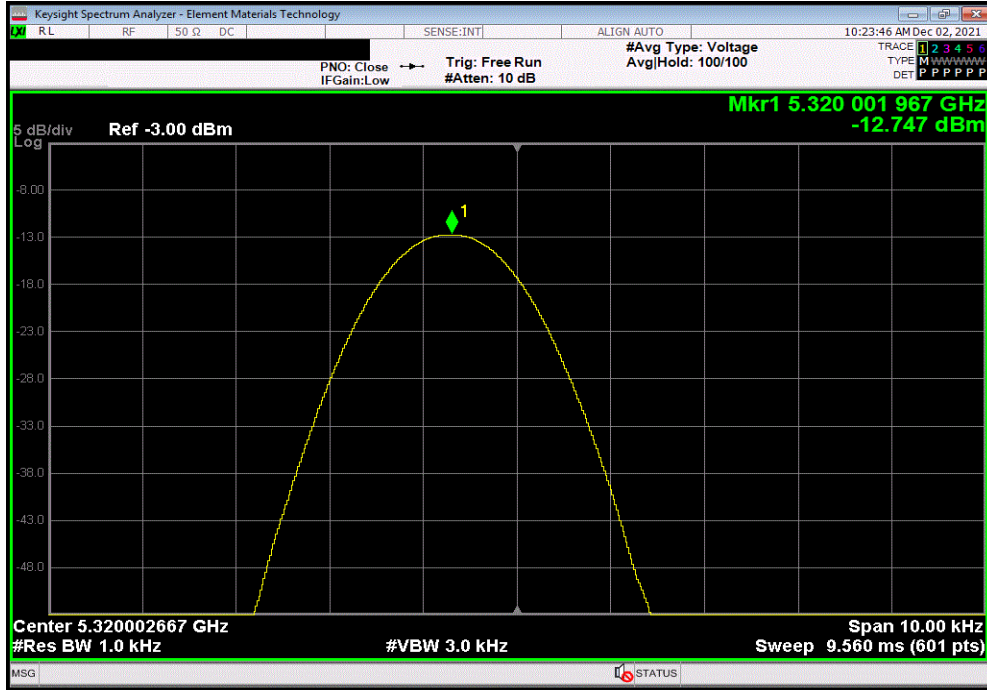


# FREQUENCY STABILITY - 5.3, 5.6, 5.8 GHz BANDS

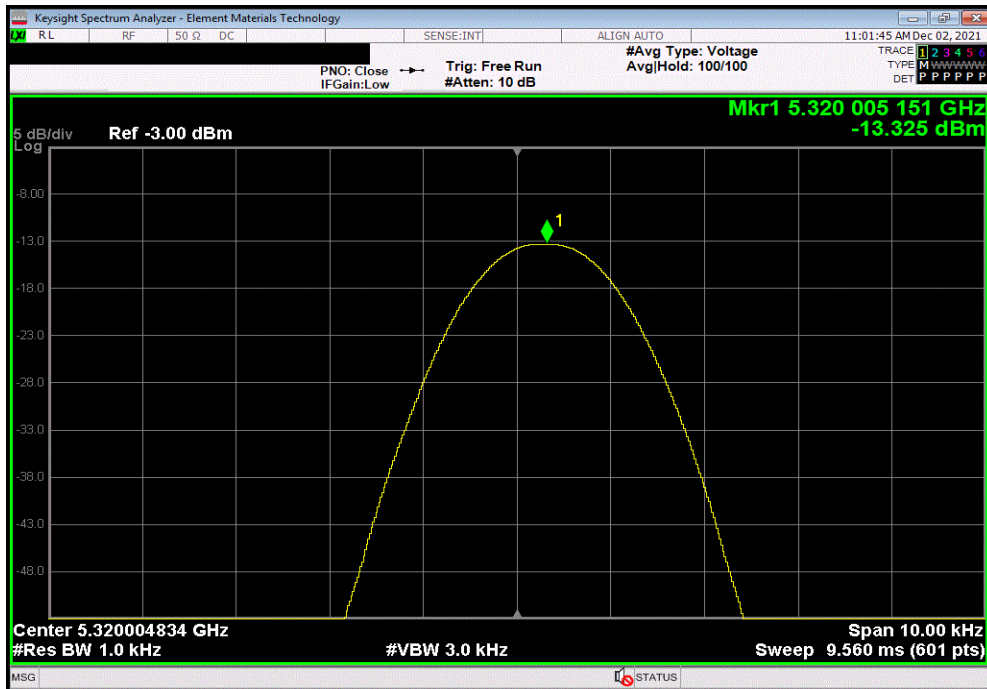


TbTx 2021.10.29.2 XMI 2020.12.30.0

5250 - 5350 MHz Band, CW, Ch 64 = 5320 MHz, Voltage: 85%, 20.4 VDC						
	Measured Value (MHz)	Nominal Value (MHz)	Error (ppm)	Limit (ppm)	Results	
	5320.001967	5320.004733	0.5	100	Pass	



5250 - 5350 MHz Band, CW, Ch 64 = 5320 MHz, Temperature: +50°						
	Measured Value (MHz)	Nominal Value (MHz)	Error (ppm)	Limit (ppm)	Results	
	5320.005151	5320.004733	0.1	100	Pass	

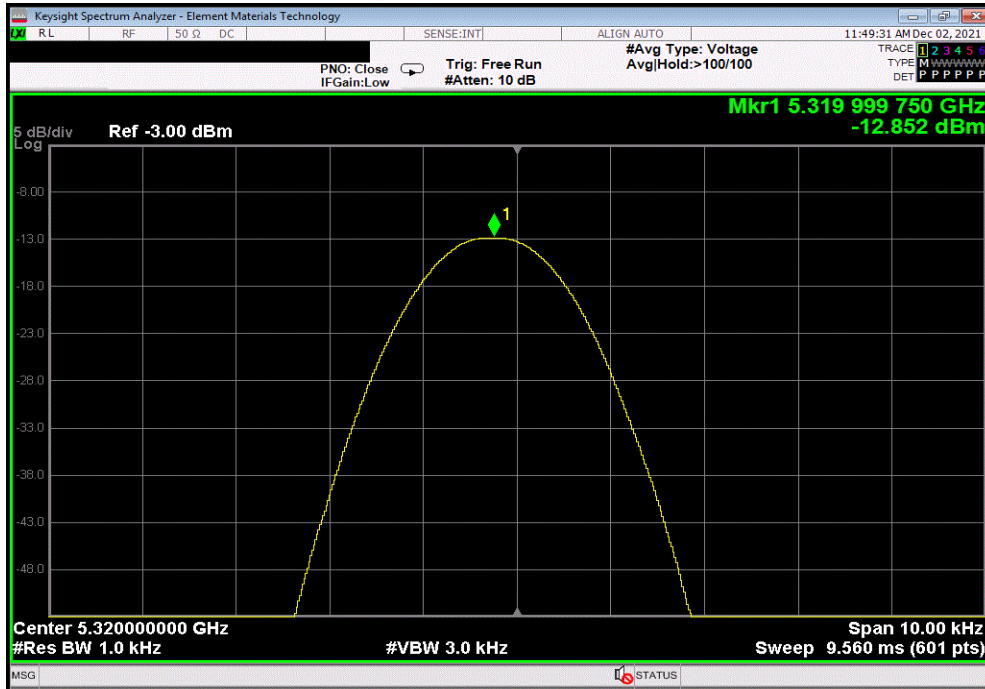


# FREQUENCY STABILITY - 5.3, 5.6, 5.8 GHz BANDS

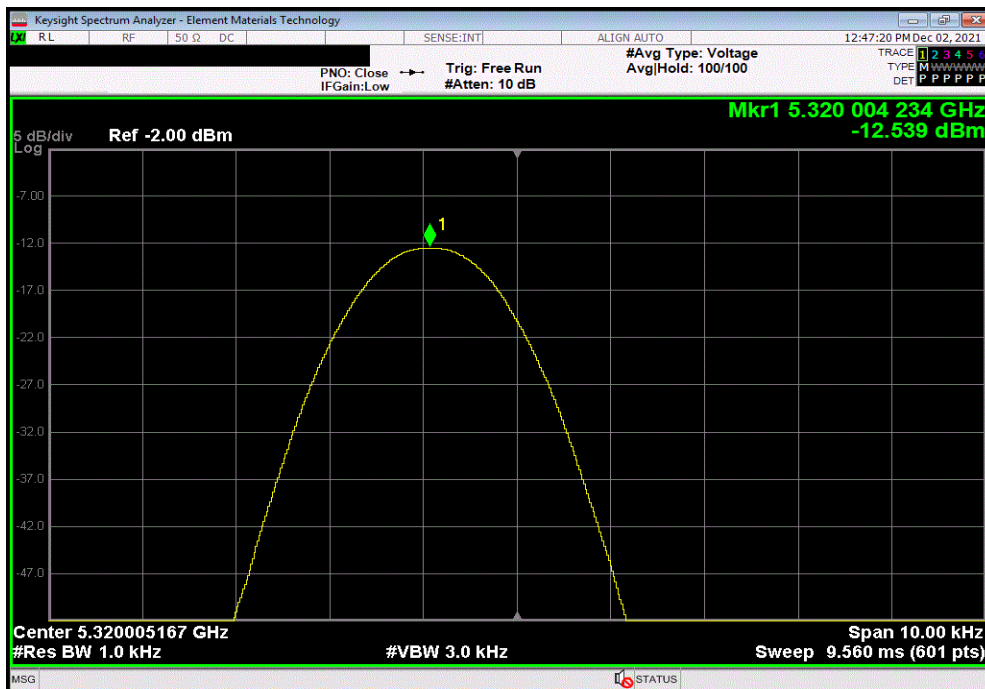


TbTx 2021.10.29.2 XMI 2020.12.30.0

5250 - 5350 MHz Band, CW, Ch 64 = 5320 MHz, Temperature: +40°					
Measured Value (MHz)	Nominal Value (MHz)	Error (ppm)	Limit (ppm)	Results	
5319.99975	5320.004733	0.9	100	Pass	



5250 - 5350 MHz Band, CW, Ch 64 = 5320 MHz, Temperature: +30°					
Measured Value (MHz)	Nominal Value (MHz)	Error (ppm)	Limit (ppm)	Results	
5320.004234	5320.004733	0.1	100	Pass	

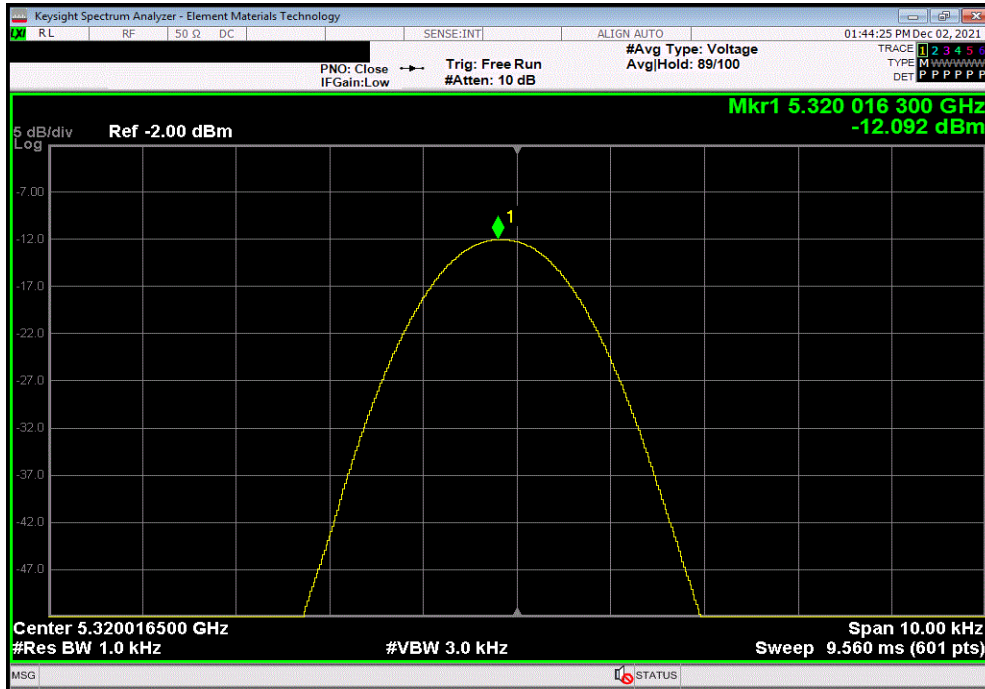


# FREQUENCY STABILITY - 5.3, 5.6, 5.8 GHz BANDS

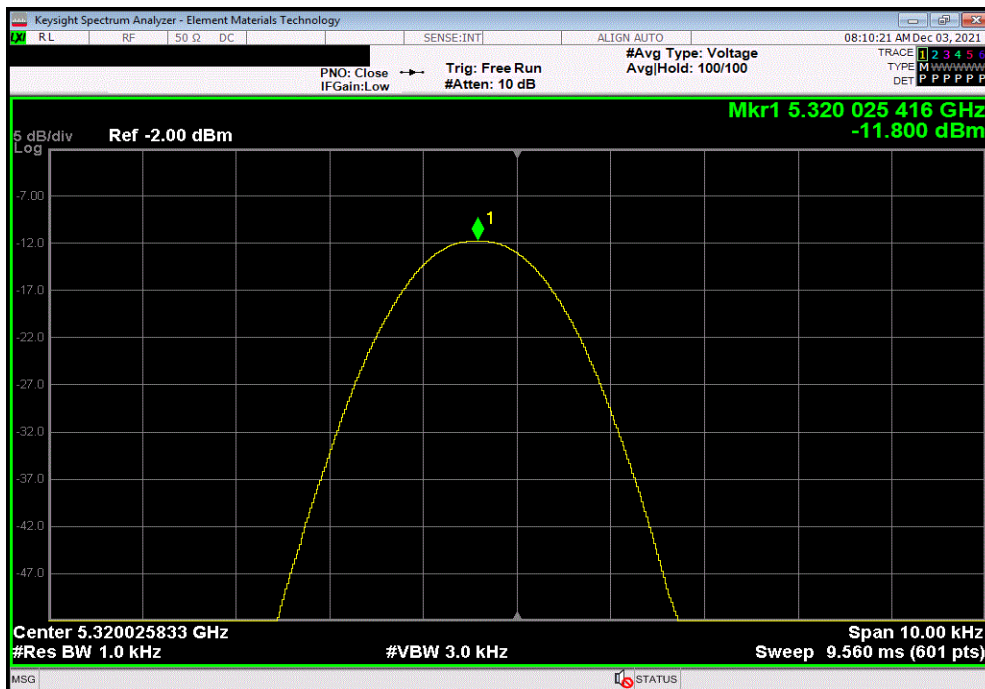


TbTx 2021.10.29.2 XMI 2020.12.30.0

5250 - 5350 MHz Band, CW, Ch 64 = 5320 MHz, Temperature: +20°						
	Measured Value (MHz)	Nominal Value (MHz)	Error (ppm)	Limit (ppm)	Results	
	5320.0163	5320.004733	2.2	100	Pass	



5250 - 5350 MHz Band, CW, Ch 64 = 5320 MHz, Temperature: +10°						
	Measured Value (MHz)	Nominal Value (MHz)	Error (ppm)	Limit (ppm)	Results	
	5320.025416	5320.004733	3.9	100	Pass	



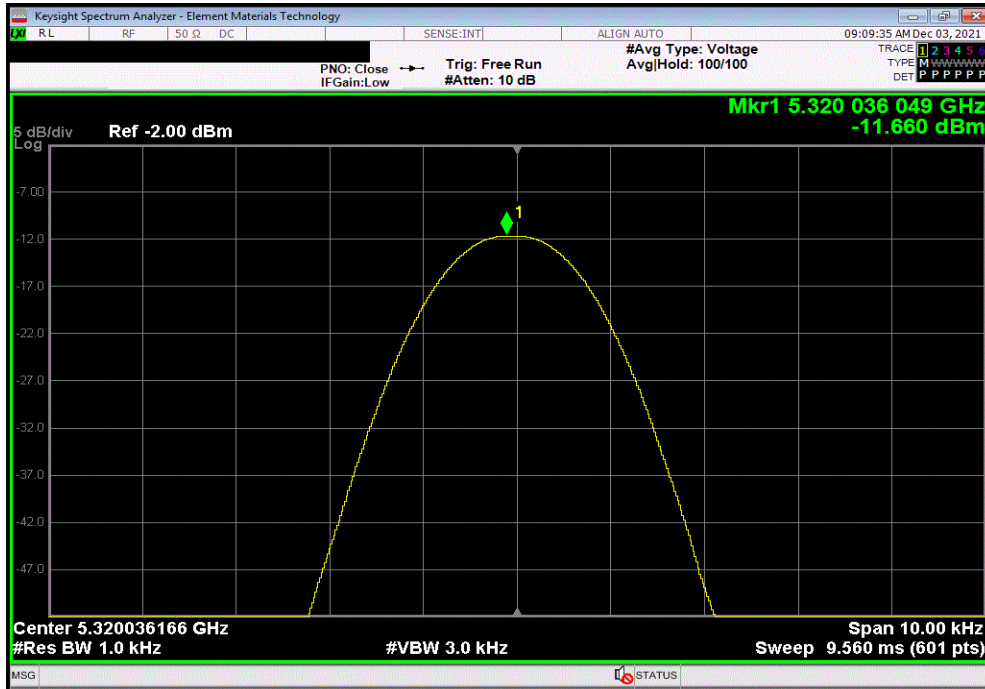


# FREQUENCY STABILITY - 5.3, 5.6, 5.8 GHz BANDS

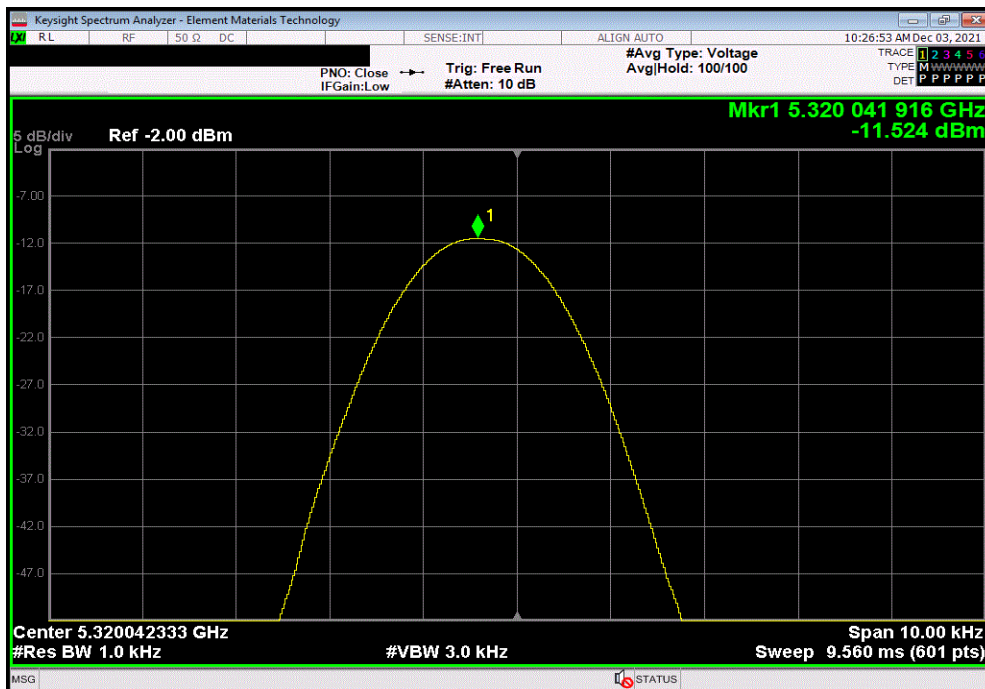


TbTx 2021.10.29.2 XMI 2020.12.30.0

5250 - 5350 MHz Band, CW, Ch 64 = 5320 MHz, Temperature: 0°					
Measured Value (MHz)	Nominal Value (MHz)	Error (ppm)	Limit (ppm)	Results	
5320.036049	5320.004733	5.9	100	Pass	



5250 - 5350 MHz Band, CW, Ch 64 = 5320 MHz, Temperature: -10°					
Measured Value (MHz)	Nominal Value (MHz)	Error (ppm)	Limit (ppm)	Results	
5320.041916	5320.004733	7	100	Pass	

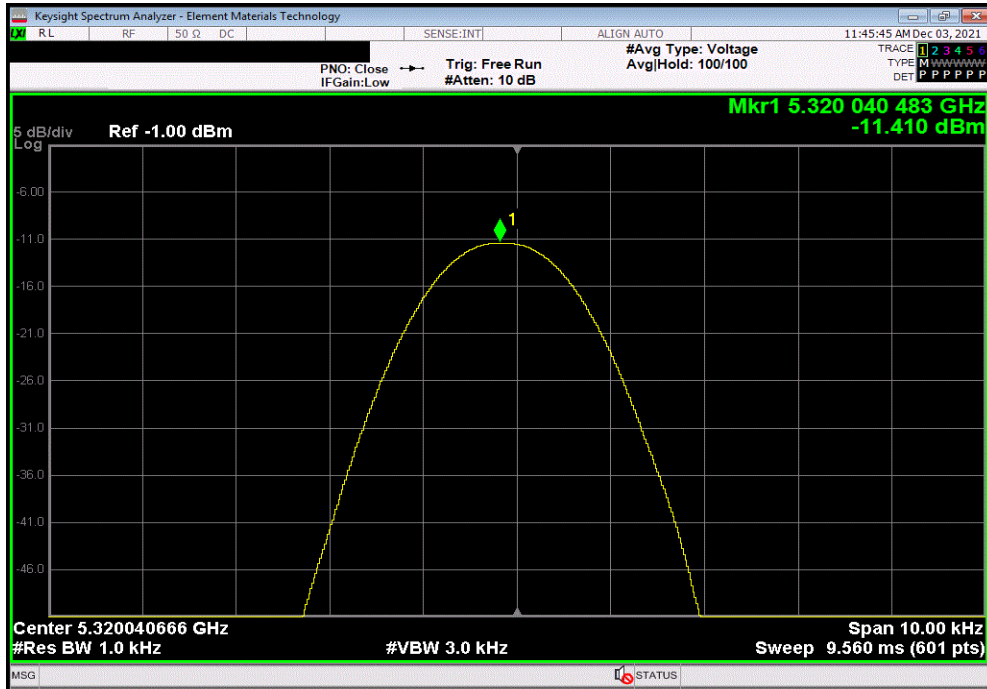


# FREQUENCY STABILITY - 5.3, 5.6, 5.8 GHz BANDS

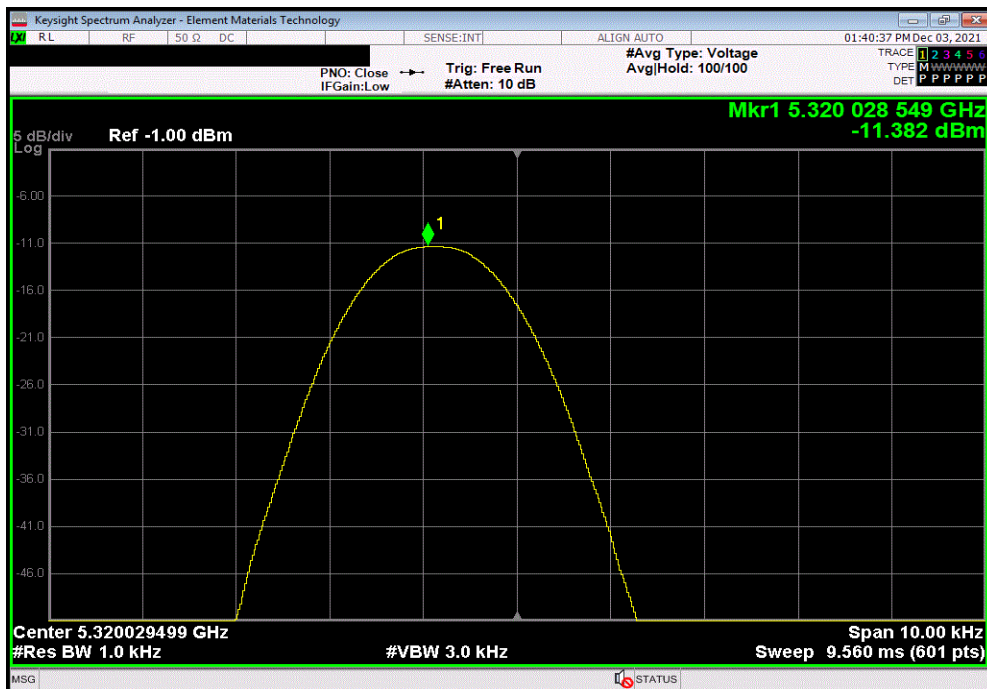


TbTx 2021.10.29.2 XMI 2020.12.30.0

5250 - 5350 MHz Band, CW, Ch 64 = 5320 MHz, Temperature: -20°						
	Measured Value (MHz)	Nominal Value (MHz)	Error (ppm)	Limit (ppm)	Results	
	5320.040483	5320.004733	6.7	100	Pass	



5250 - 5350 MHz Band, CW, Ch 64 = 5320 MHz, Temperature: -30°						
	Measured Value (MHz)	Nominal Value (MHz)	Error (ppm)	Limit (ppm)	Results	
	5320.028549	5320.004733	4.5	100	Pass	



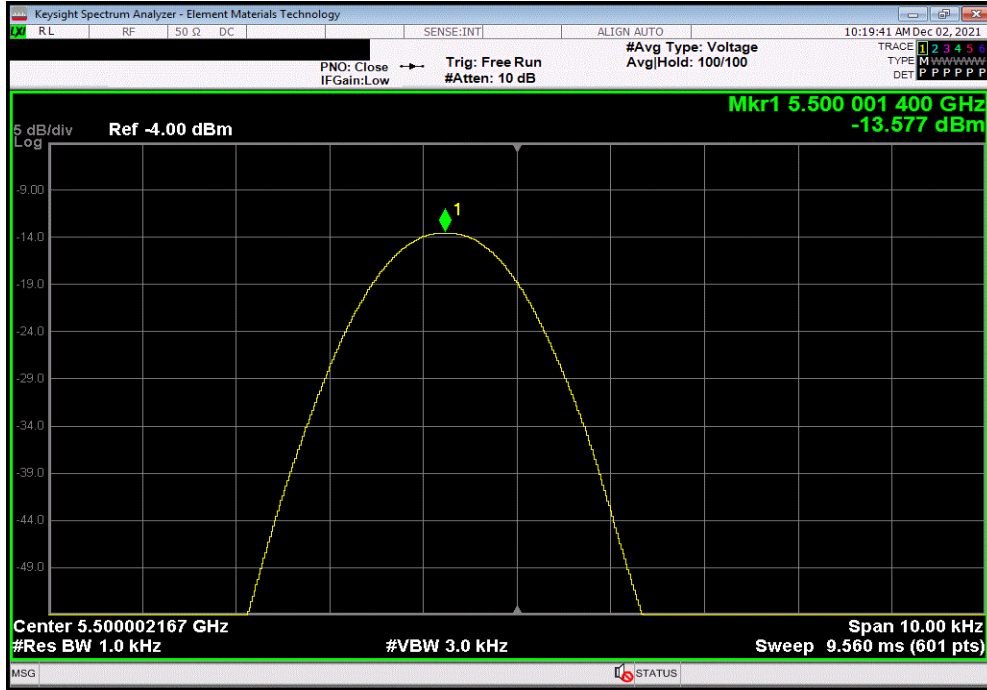


# FREQUENCY STABILITY - 5.3, 5.6, 5.8 GHz BANDS

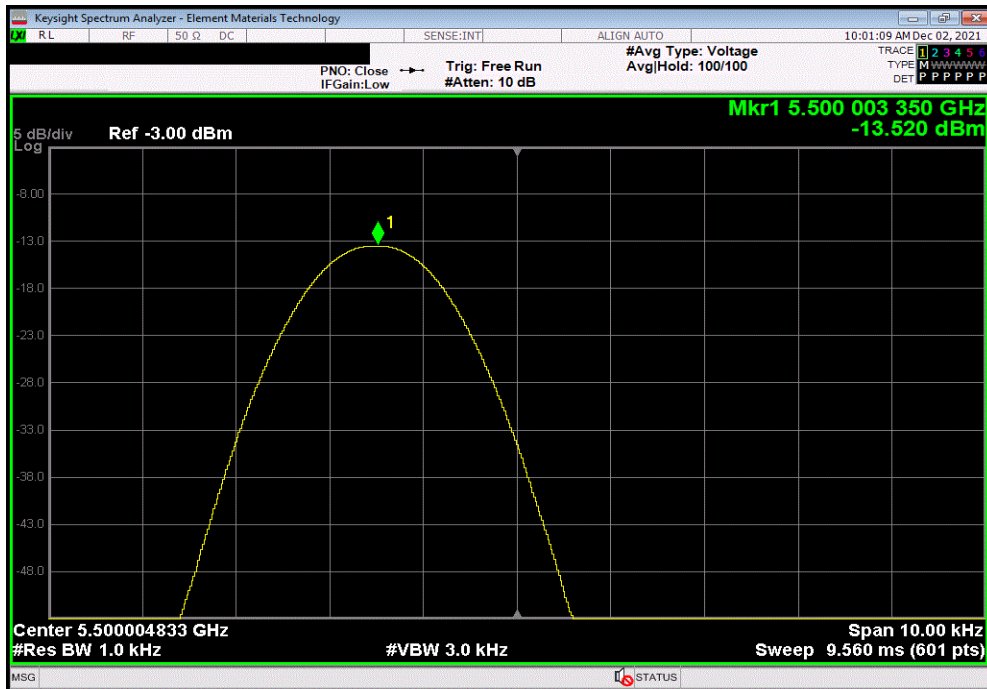


TbTx 2021.10.29.2 XMI 2020.12.30.0

5470 - 5725 MHz Band, CW, Ch 100 = 5500 MHz, Voltage: 115%, 27.6 VDC						
	Measured Value (MHz)	Nominal Value (MHz)	Error (ppm)	Limit (ppm)	Results	
	5500.0014	5500.0035	0.4	100	Pass	



5470 - 5725 MHz Band, CW, Ch 100 = 5500 MHz, Voltage: 100%, 24 VDC						
	Measured Value (MHz)	Nominal Value (MHz)	Error (ppm)	Limit (ppm)	Results	
	5500.00335	5500.00335	0	100	Pass	

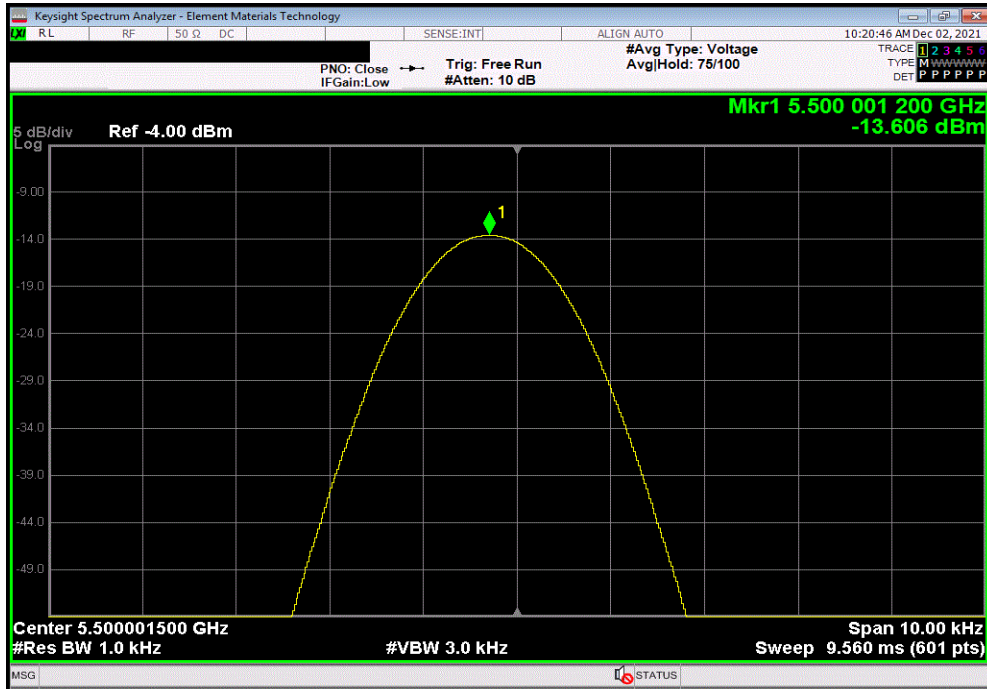


# FREQUENCY STABILITY - 5.3, 5.6, 5.8 GHz BANDS

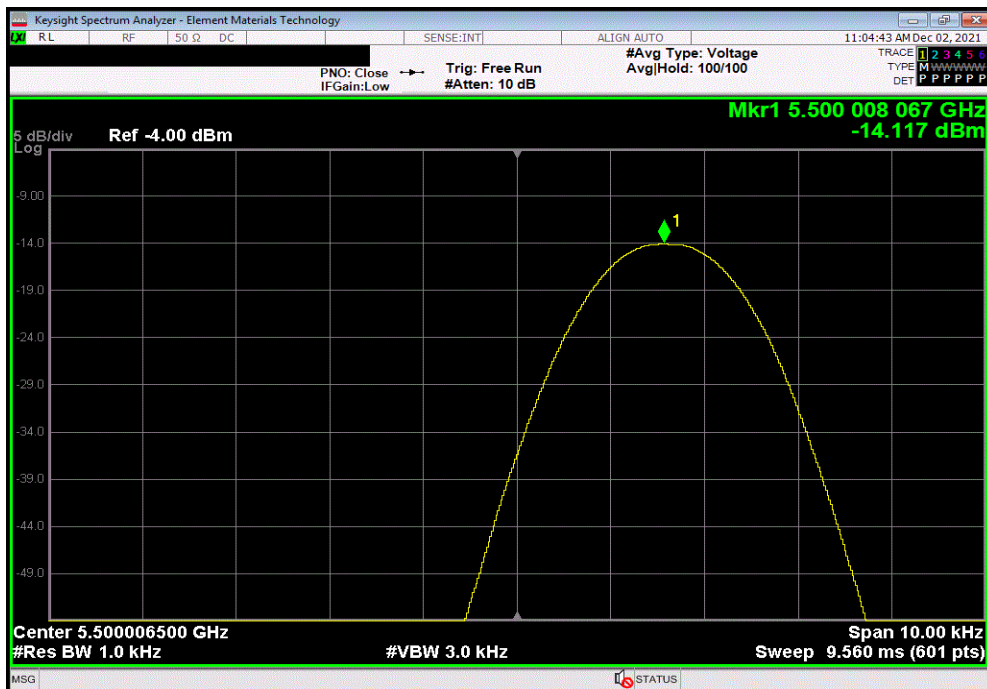


TbTx 2021.10.29.2 XMI 2020.12.30.0

5470 - 5725 MHz Band, CW, Ch 100 = 5500 MHz, Voltage: 85%, 20.4 VDC						
	Measured Value (MHz)	Nominal Value (MHz)	Error (ppm)	Limit (ppm)	Results	
	5500.0012	5500.00335	0.4	100	Pass	



5470 - 5725 MHz Band, CW, Ch 100 = 5500 MHz, Temperature: +50°						
	Measured Value (MHz)	Nominal Value (MHz)	Error (ppm)	Limit (ppm)	Results	
	5500.008067	5500.00335	0.9	100	Pass	

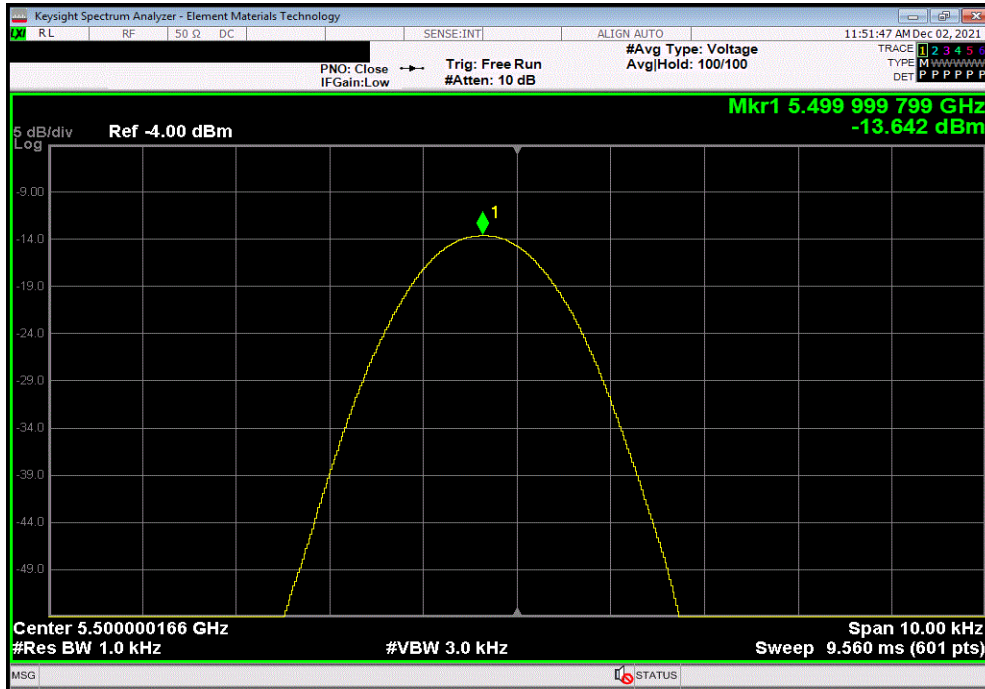


# FREQUENCY STABILITY - 5.3, 5.6, 5.8 GHz BANDS

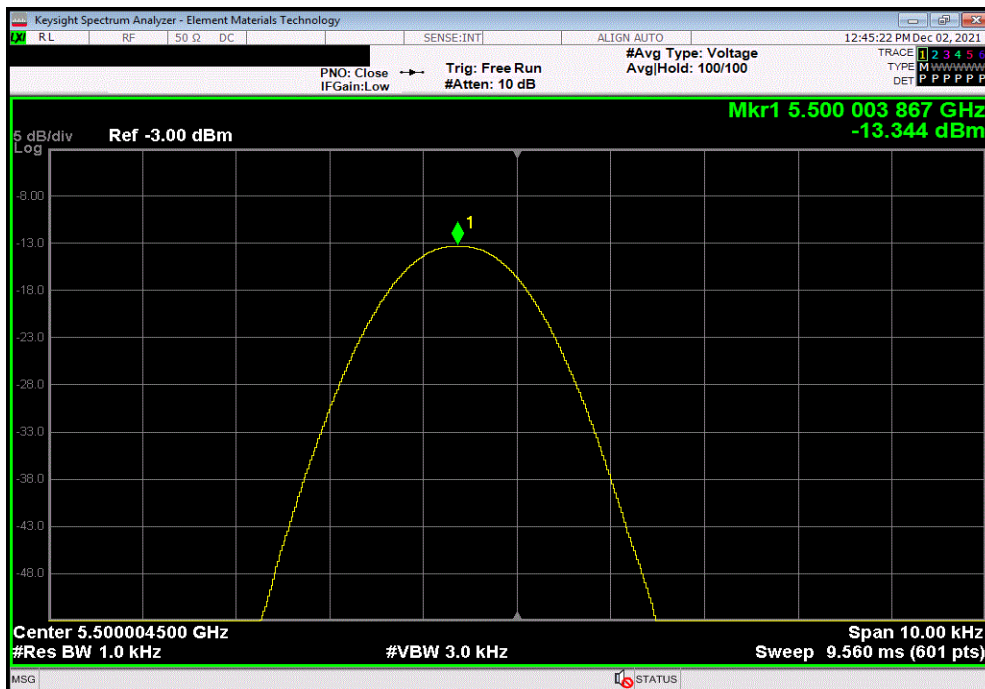


TbTx 2021.10.29.2 XMI 2020.12.30.0

5470 - 5725 MHz Band, CW, Ch 100 = 5500 MHz, Temperature: +40°						
	Measured Value (MHz)	Nominal Value (MHz)	Error (ppm)	Limit (ppm)	Results	
	5499.999799	5500.00335	0.6	100	Pass	



5470 - 5725 MHz Band, CW, Ch 100 = 5500 MHz, Temperature: +30°						
	Measured Value (MHz)	Nominal Value (MHz)	Error (ppm)	Limit (ppm)	Results	
	5500.003867	5500.00335	0.1	100	Pass	

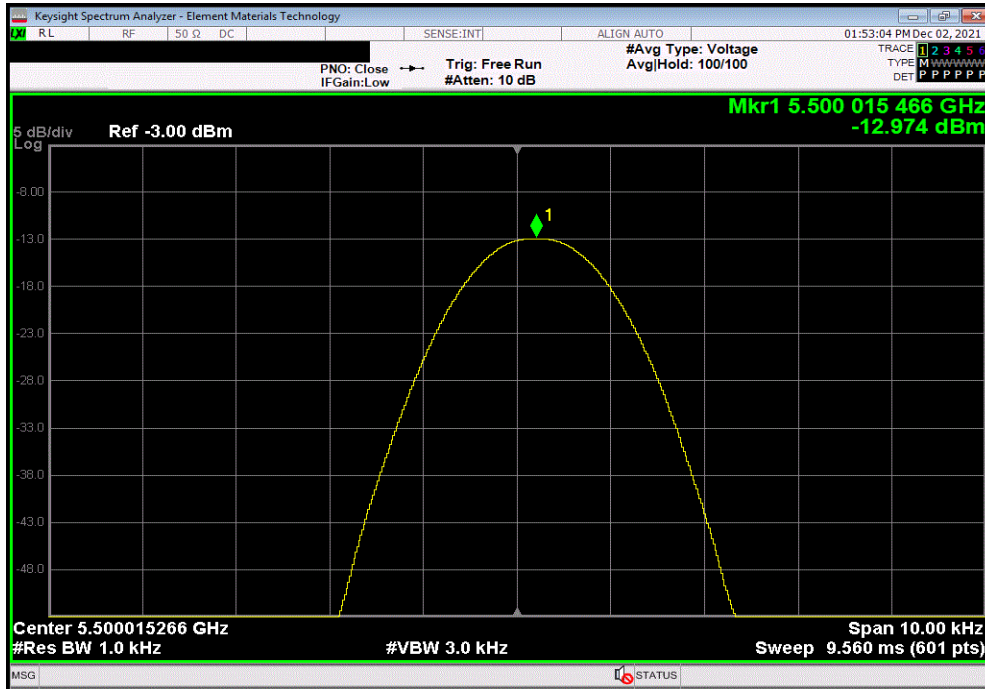


# FREQUENCY STABILITY - 5.3, 5.6, 5.8 GHz BANDS

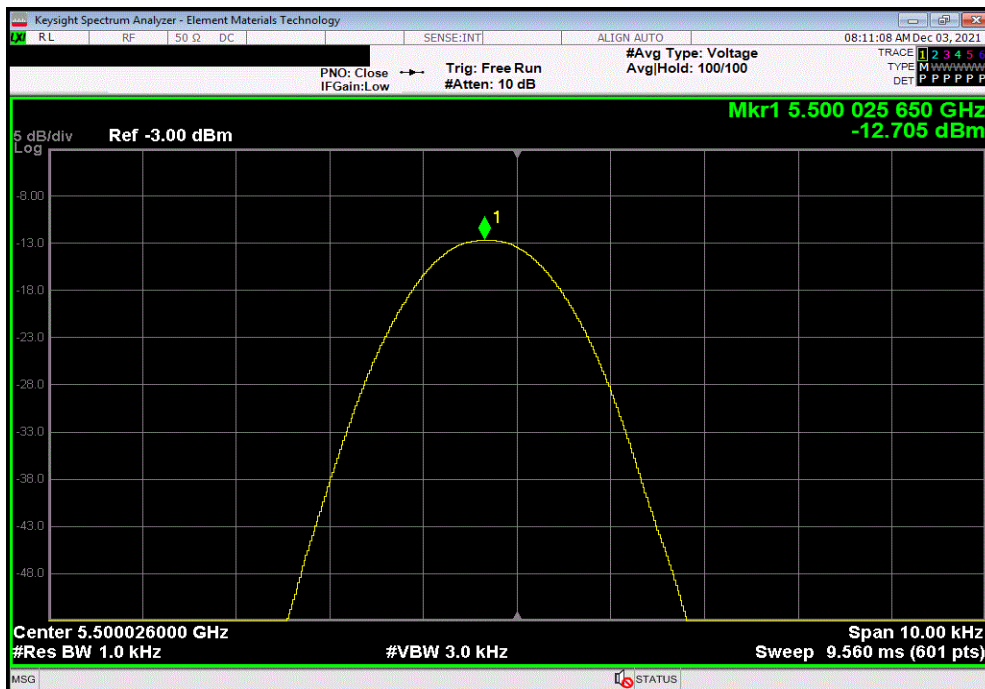


TbTx 2021.10.29.2 XMI 2020.12.30.0

5470 - 5725 MHz Band, CW, Ch 100 = 5500 MHz, Temperature: +20°						
	Measured Value (MHz)	Nominal Value (MHz)	Error (ppm)	Limit (ppm)	Results	
	5500.015466	5500.00335	2.2	100	Pass	



5470 - 5725 MHz Band, CW, Ch 100 = 5500 MHz, Temperature: +10°						
	Measured Value (MHz)	Nominal Value (MHz)	Error (ppm)	Limit (ppm)	Results	
	5500.02565	5500.00335	4.1	100	Pass	

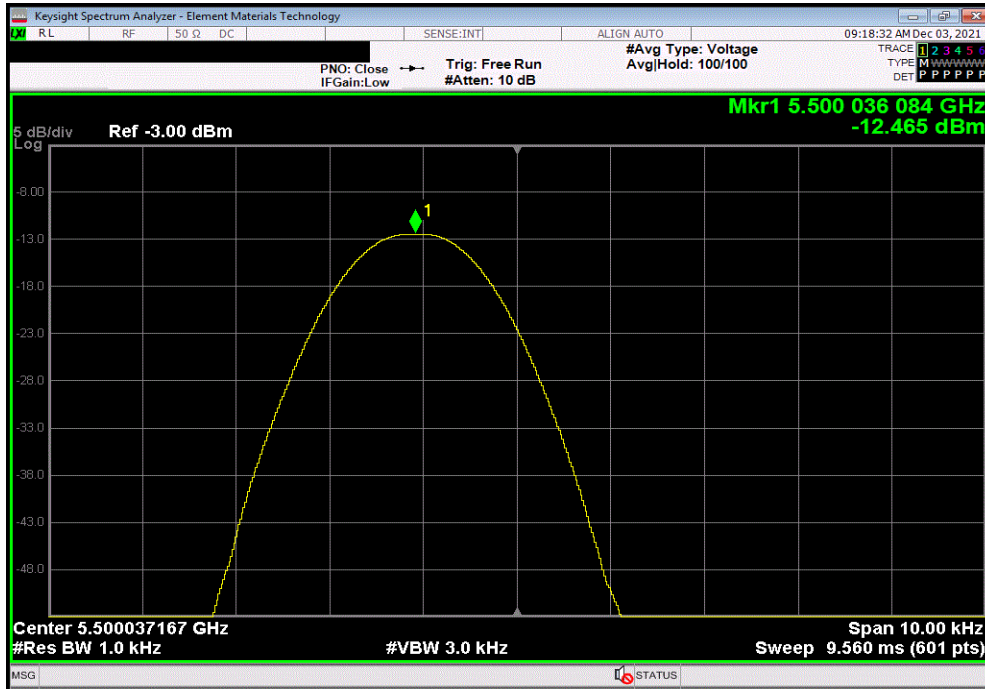


# FREQUENCY STABILITY - 5.3, 5.6, 5.8 GHz BANDS

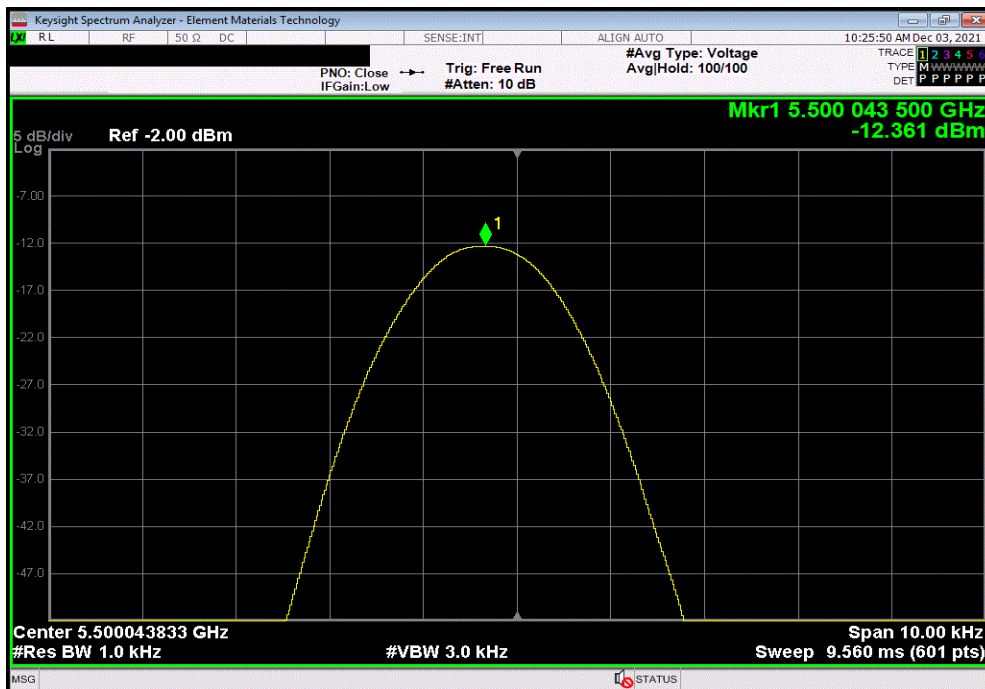


TbTx 2021.10.29.2 XMI 2020.12.30.0

5470 - 5725 MHz Band, CW, Ch 100 = 5500 MHz, Temperature: 0°						
	Measured Value (MHz)	Nominal Value (MHz)	Error (ppm)	Limit (ppm)	Results	
	5500.036084	5500.00335	6	100	Pass	



5470 - 5725 MHz Band, CW, Ch 100 = 5500 MHz, Temperature: -10°						
	Measured Value (MHz)	Nominal Value (MHz)	Error (ppm)	Limit (ppm)	Results	
	5500.0435	5500.00335	7.3	100	Pass	



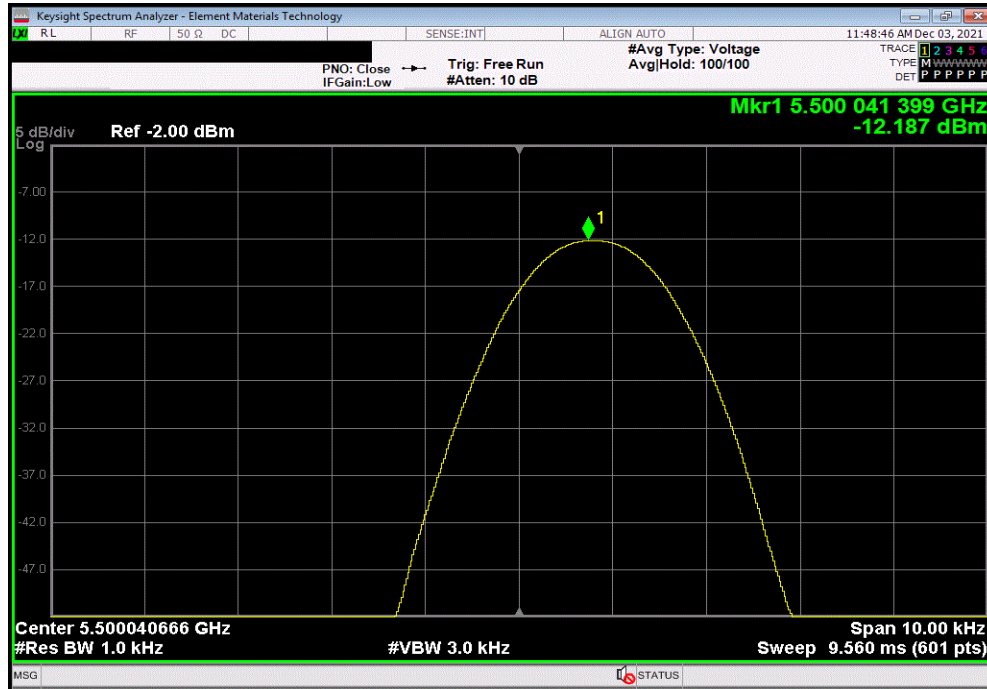


# FREQUENCY STABILITY - 5.3, 5.6, 5.8 GHz BANDS

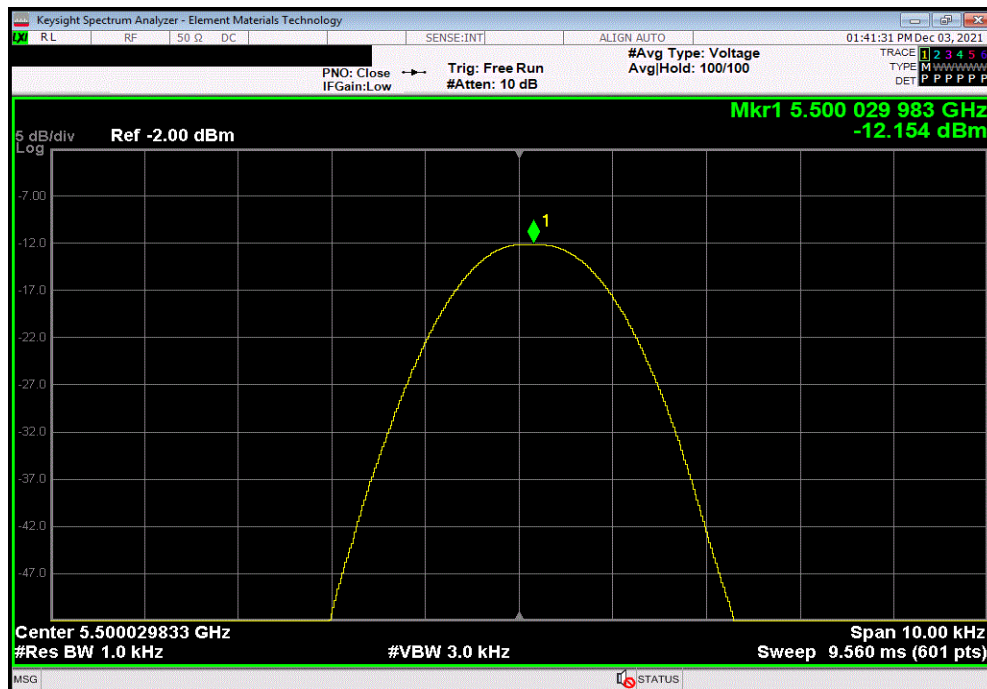


TbTx 2021.10.29.2 XMI 2020.12.30.0

5470 - 5725 MHz Band, CW, Ch 100 = 5500 MHz, Temperature: -20°						
	Measured Value (MHz)	Nominal Value (MHz)	Error (ppm)	Limit (ppm)	Results	
	5500.041399	5500.00335	6.9	100	Pass	



5470 - 5725 MHz Band, CW, Ch 100 = 5500 MHz, Temperature: -30°						
	Measured Value (MHz)	Nominal Value (MHz)	Error (ppm)	Limit (ppm)	Results	
	5500.029983	5500.00335	4.8	100	Pass	



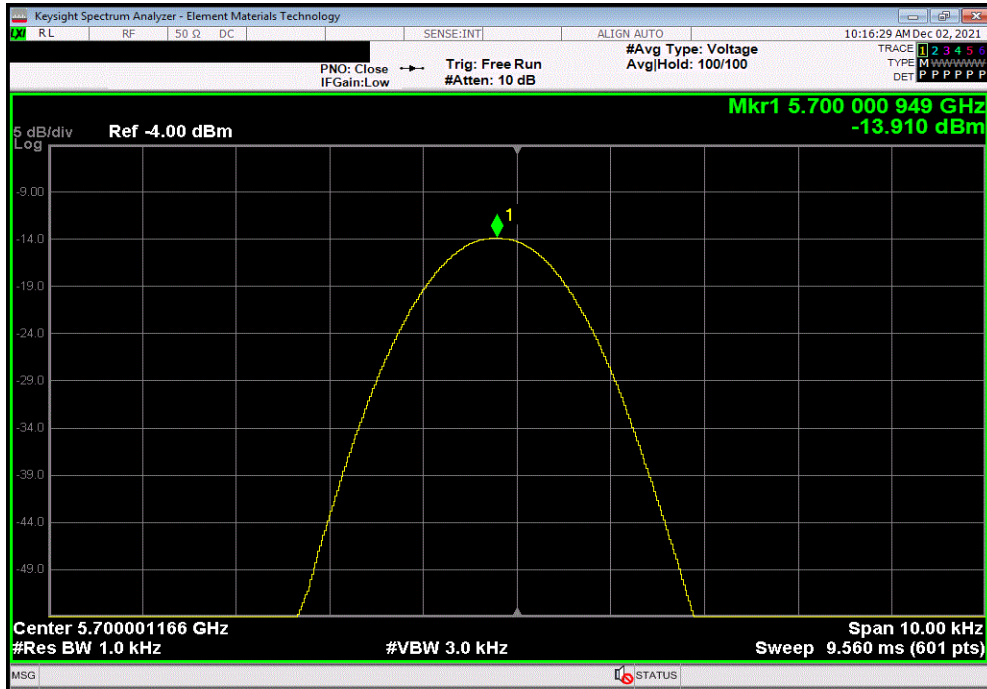


# FREQUENCY STABILITY - 5.3, 5.6, 5.8 GHz BANDS

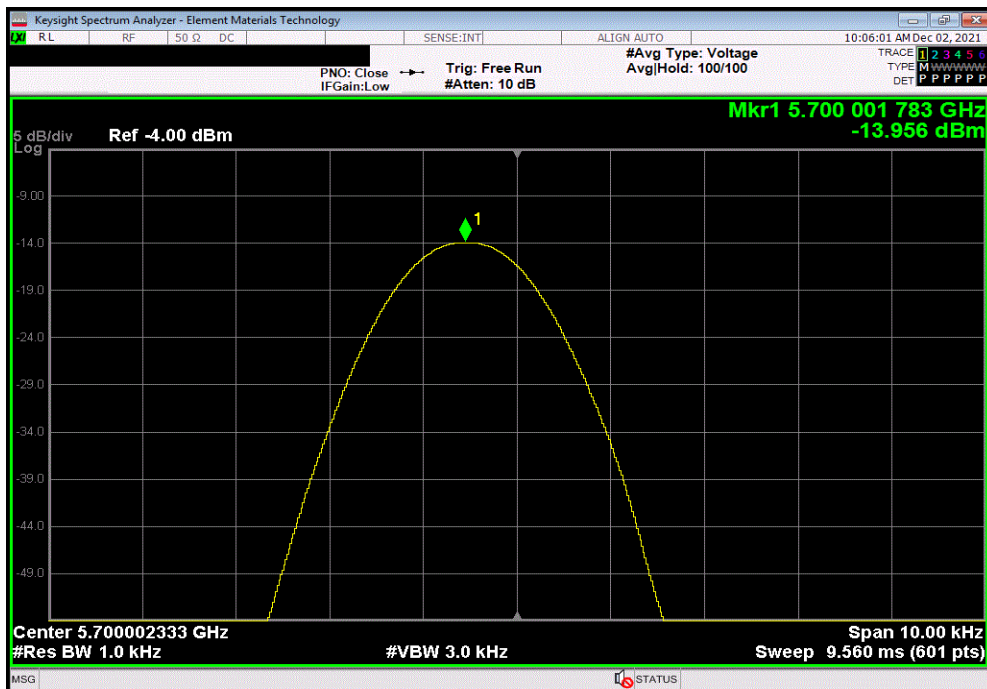


TbTx 2021.10.29.2 XMI 2020.12.30.0

5470 - 5725 MHz Band, CW, Ch 140 = 5700 MHz, Voltage: 115%, 27.6 VDC						
	Measured Value (MHz)	Nominal Value (MHz)	Error (ppm)	Limit (ppm)	Results	
	5700.000949	5700.001783	0.1	100	Pass	



5470 - 5725 MHz Band, CW, Ch 140 = 5700 MHz, Voltage: 100%, 24 VDC						
	Measured Value (MHz)	Nominal Value (MHz)	Error (ppm)	Limit (ppm)	Results	
	5700.001783	5700.001783	0	100	Pass	

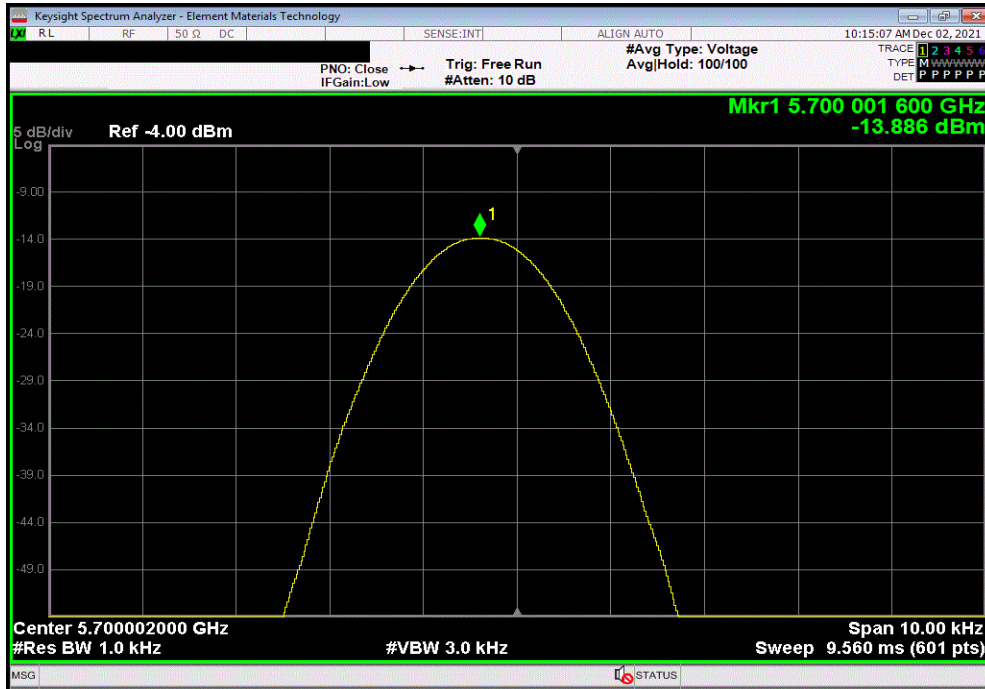


# FREQUENCY STABILITY - 5.3, 5.6, 5.8 GHz BANDS

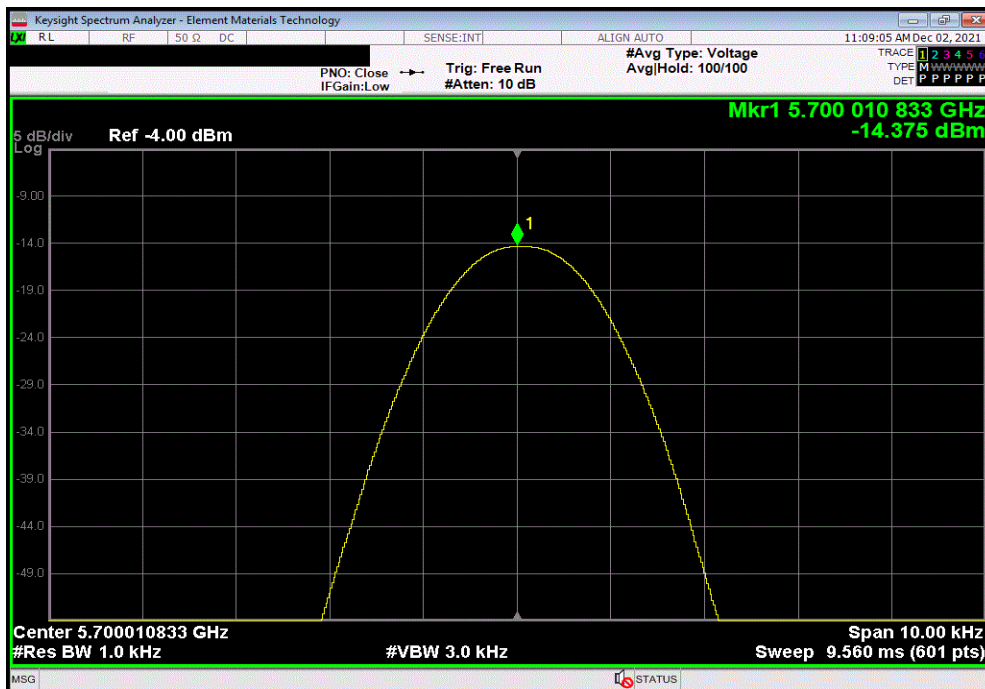


TbTx 2021.10.29.2 XMI 2020.12.30.0

5470 - 5725 MHz Band, CW, Ch 140 = 5700 MHz, Voltage: 85%, 20.4 VDC					
Measured Value (MHz)	Nominal Value (MHz)	Error (ppm)	Limit (ppm)	Results	
5700.0016	5700.001783	0	100	Pass	



5470 - 5725 MHz Band, CW, Ch 140 = 5700 MHz, Temperature: +50°					
Measured Value (MHz)	Nominal Value (MHz)	Error (ppm)	Limit (ppm)	Results	
5700.010833	5700.001783	1.6	100	Pass	

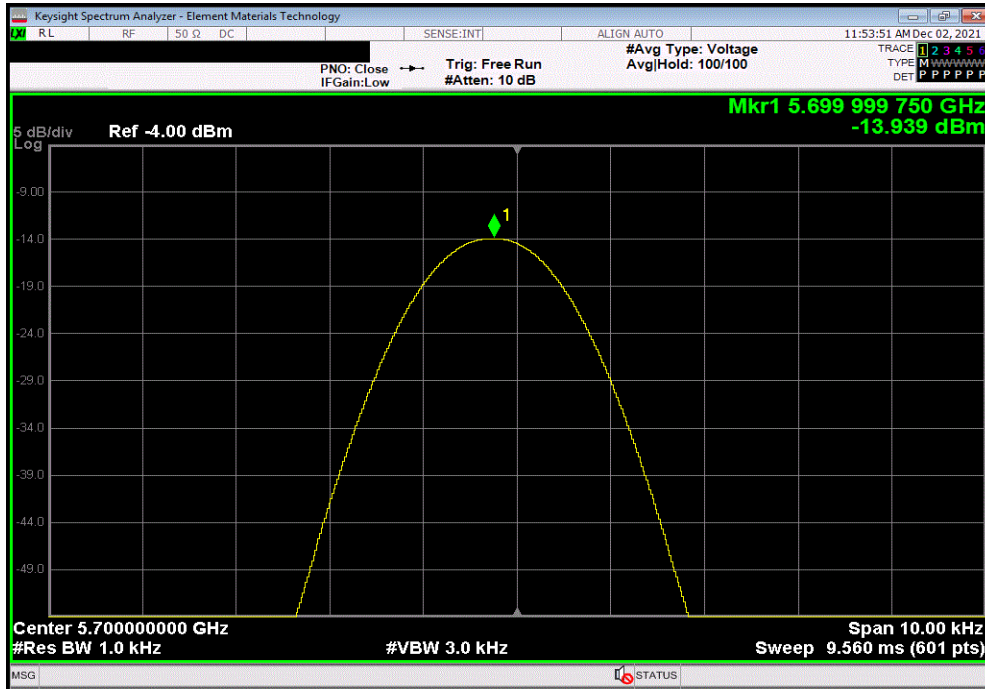


# FREQUENCY STABILITY - 5.3, 5.6, 5.8 GHz BANDS

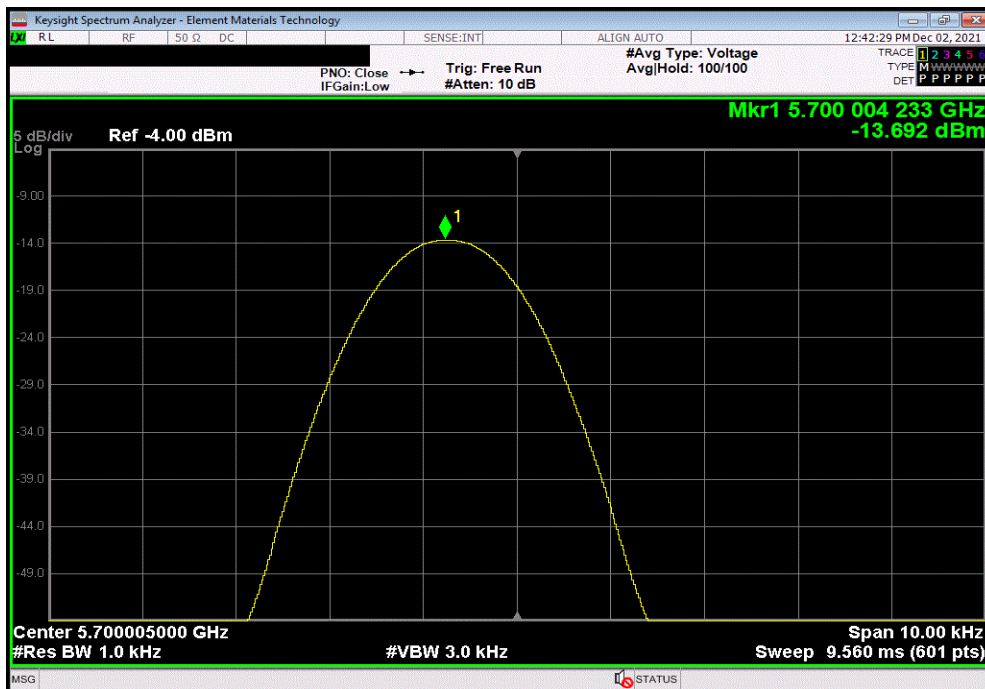


TbTx 2021.10.29.2 XMI 2020.12.30.0

5470 - 5725 MHz Band, CW, Ch 140 = 5700 MHz, Temperature: +40°					
Measured Value (MHz)	Nominal Value (MHz)	Error (ppm)	Limit (ppm)	Results	
5699.99975	5700.001783	0.4	100	Pass	



5470 - 5725 MHz Band, CW, Ch 140 = 5700 MHz, Temperature: +30°					
Measured Value (MHz)	Nominal Value (MHz)	Error (ppm)	Limit (ppm)	Results	
5700.004233	5700.001783	0.4	100	Pass	

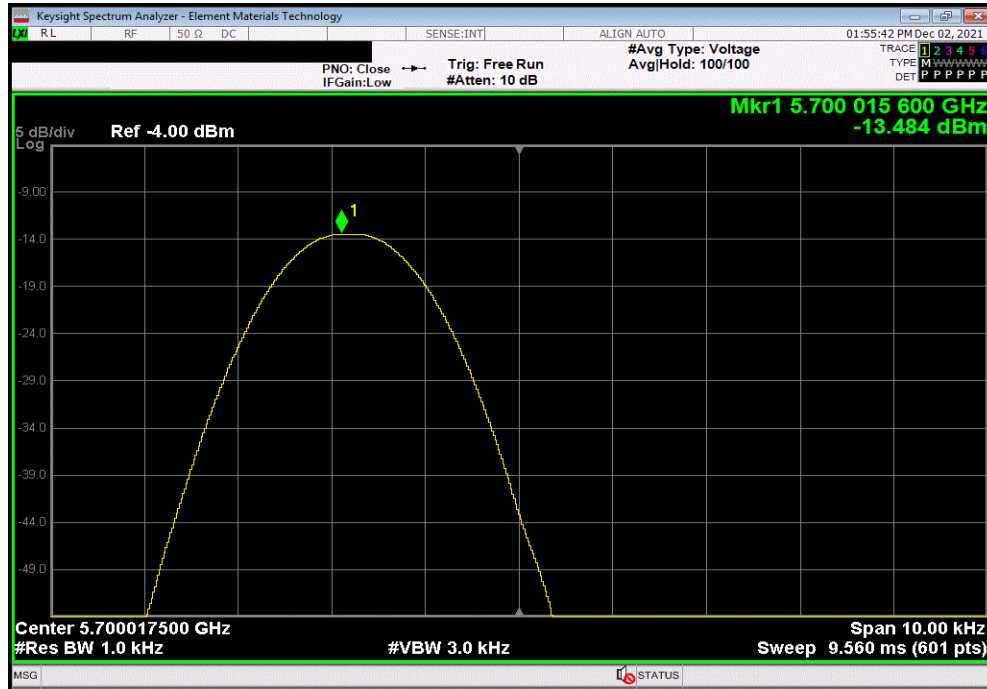


# FREQUENCY STABILITY - 5.3, 5.6, 5.8 GHz BANDS

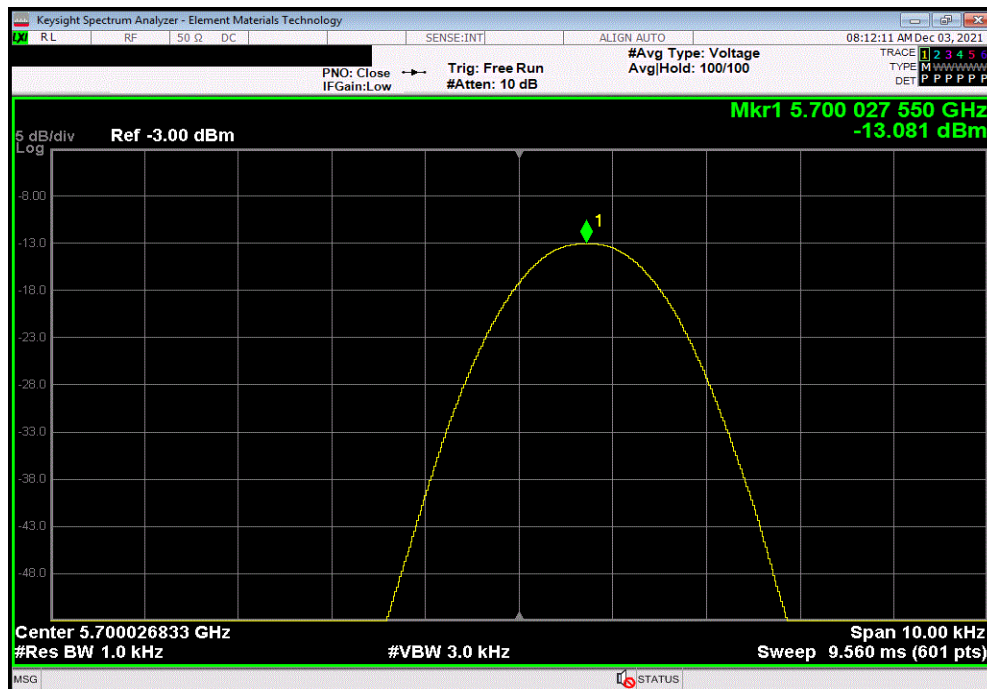


TbTx 2021.10.29.2 XMI 2020.12.30.0

5470 - 5725 MHz Band, CW, Ch 140 = 5700 MHz, Temperature: +20°						
	Measured Value (MHz)	Nominal Value (MHz)	Error (ppm)	Limit (ppm)	Results	
	5700.0156	5700.001783	2.4	100	Pass	



5470 - 5725 MHz Band, CW, Ch 140 = 5700 MHz, Temperature: +10°						
	Measured Value (MHz)	Nominal Value (MHz)	Error (ppm)	Limit (ppm)	Results	
	5700.02755	5700.001783	4.5	100	Pass	

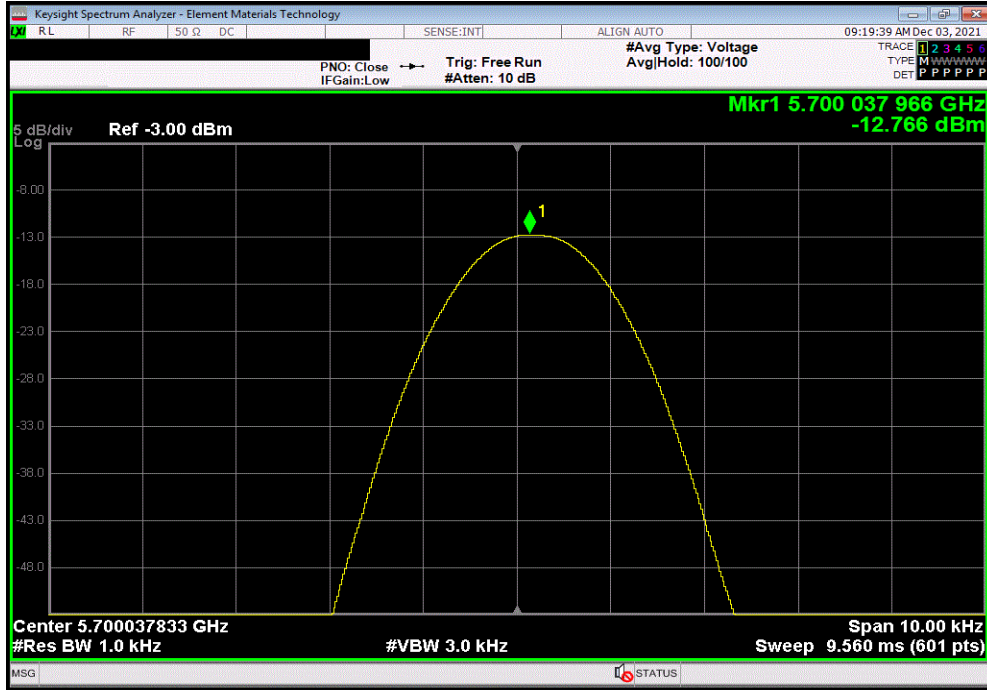


# FREQUENCY STABILITY - 5.3, 5.6, 5.8 GHz BANDS

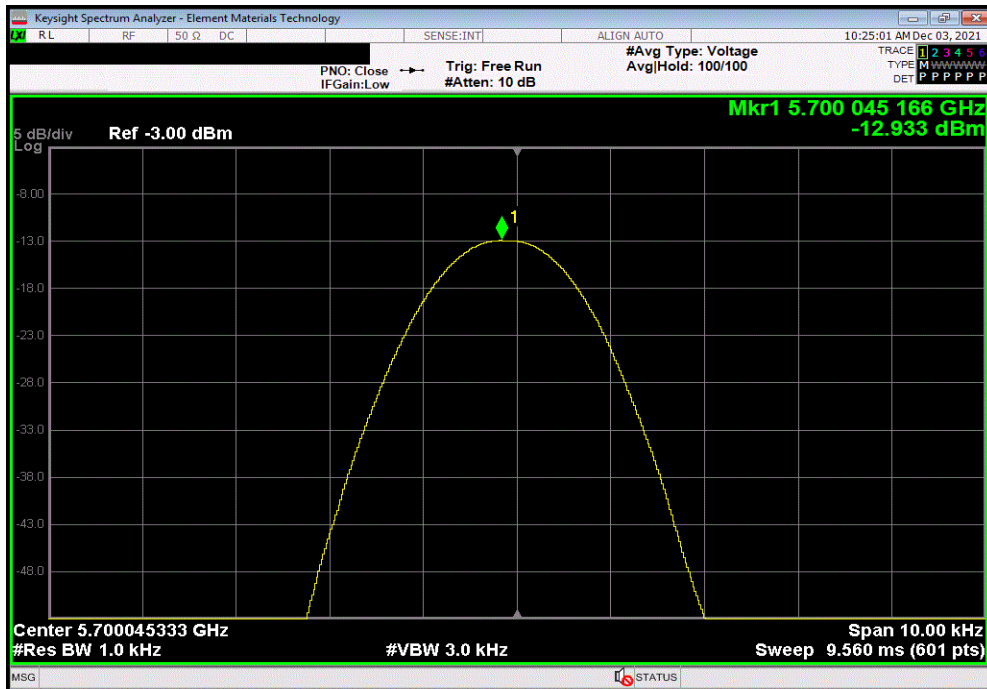


TbTx 2021.10.29.2 XMI 2020.12.30.0

5470 - 5725 MHz Band, CW, Ch 140 = 5700 MHz, Temperature: 0°					
Measured Value (MHz)	Nominal Value (MHz)	Error (ppm)	Limit (ppm)	Results	
5700.037966	5700.001783	6.3	100	Pass	



5470 - 5725 MHz Band, CW, Ch 140 = 5700 MHz, Temperature: -10°					
Measured Value (MHz)	Nominal Value (MHz)	Error (ppm)	Limit (ppm)	Results	
5700.045166	5700.001783	7.6	100	Pass	



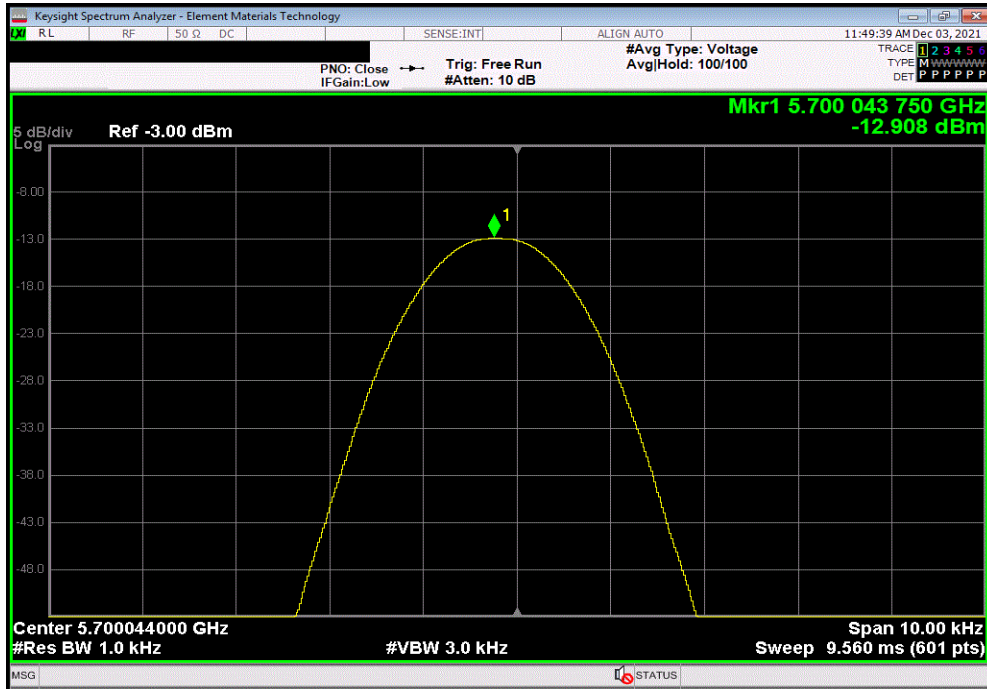


# FREQUENCY STABILITY - 5.3, 5.6, 5.8 GHz BANDS

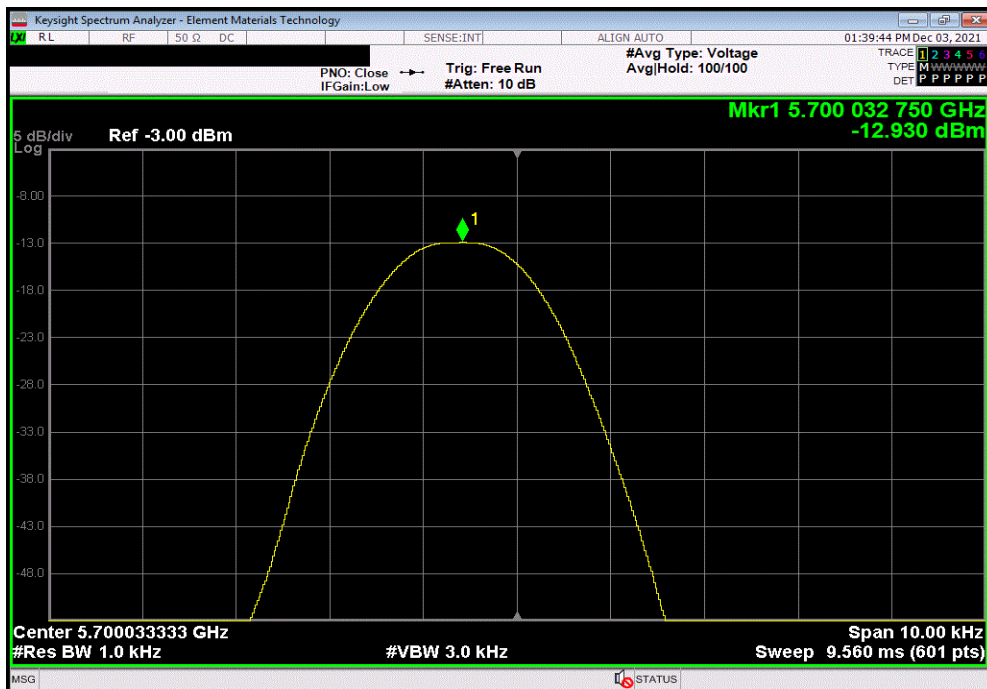


TbTx 2021.10.29.2 XMI 2020.12.30.0

5470 - 5725 MHz Band, CW, Ch 140 = 5700 MHz, Temperature: -20°					
Measured Value (MHz)	Nominal Value (MHz)	Error (ppm)	Limit (ppm)	Results	
5700.04375	5700.001783	7.4	100	Pass	



5470 - 5725 MHz Band, CW, Ch 140 = 5700 MHz, Temperature: -30°					
Measured Value (MHz)	Nominal Value (MHz)	Error (ppm)	Limit (ppm)	Results	
5700.03275	5700.001783	5.4	100	Pass	



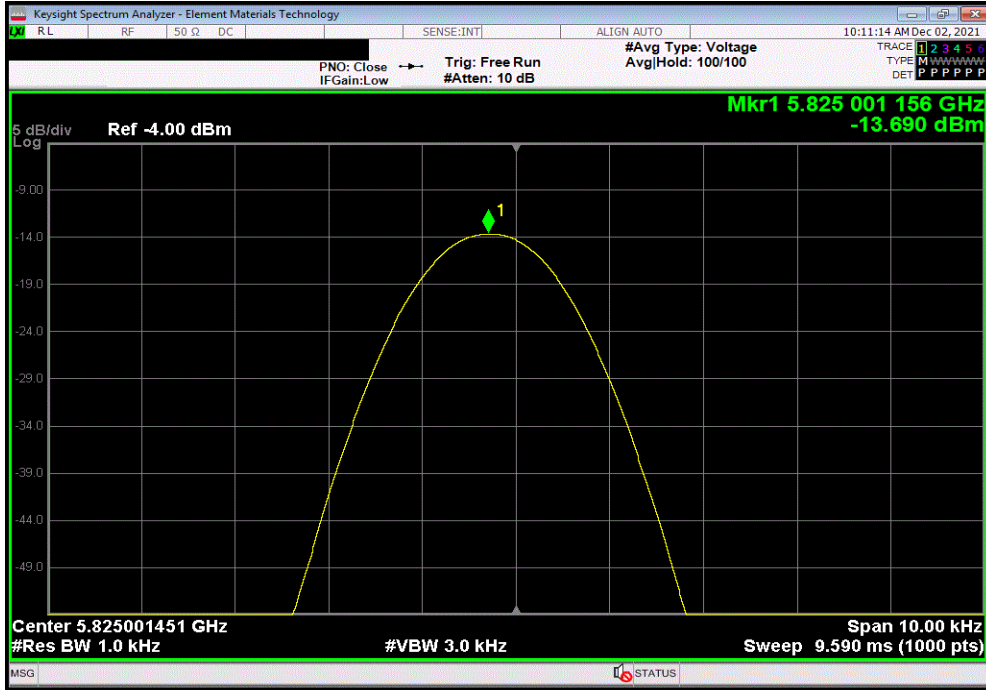


# FREQUENCY STABILITY - 5.3, 5.6, 5.8 GHz BANDS

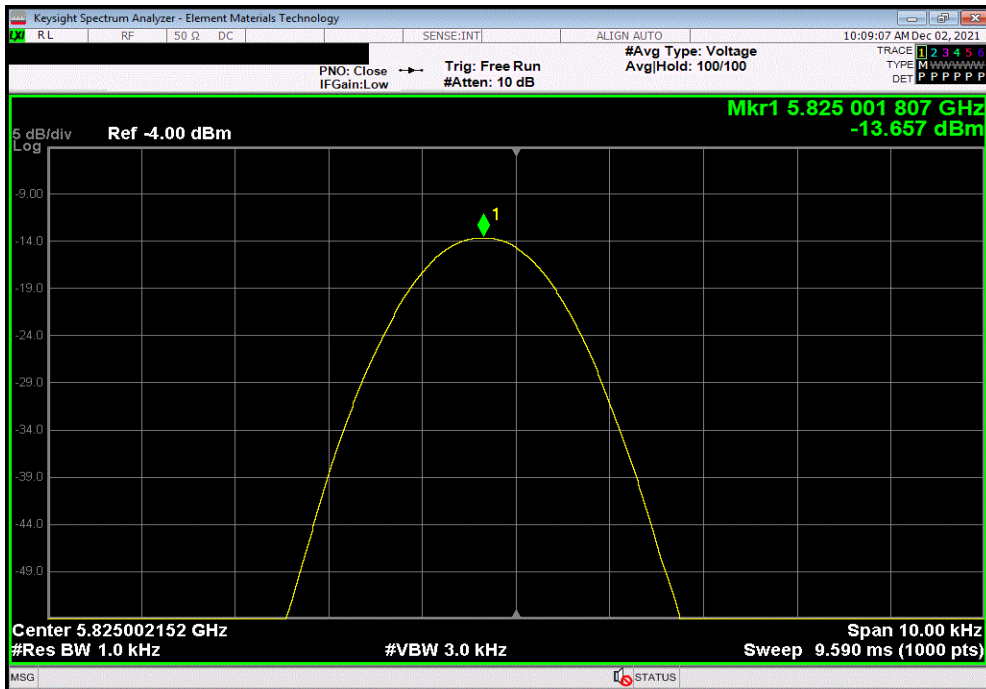


TbTx 2021.10.29.2 XMI 2020.12.30.0

5725 - 5580 MHz Band, CW, Ch 165 = 5825 MHz, Voltage: 115%, 27.6 VDC						
	Measured Value (MHz)	Nominal Value (MHz)	Error (ppm)	Limit (ppm)	Results	
	5825.001156	5825.001807	0.1	100	Pass	



5725 - 5580 MHz Band, CW, Ch 165 = 5825 MHz, Voltage: 100%, 24 VDC						
	Measured Value (MHz)	Nominal Value (MHz)	Error (ppm)	Limit (ppm)	Results	
	5825.001807	5825.001807	0	100	Pass	

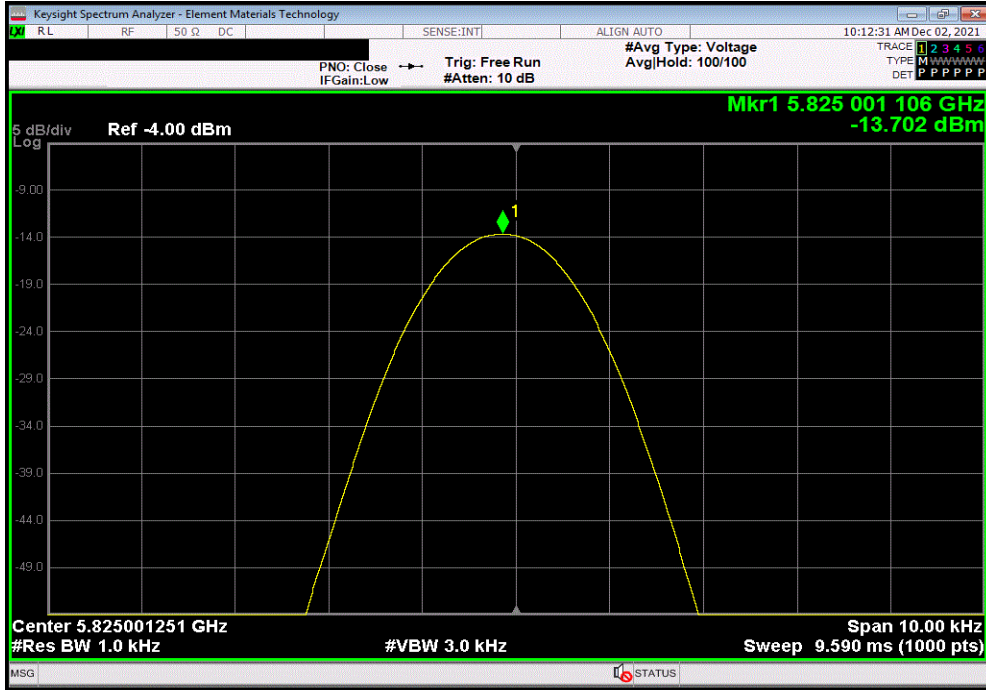


# FREQUENCY STABILITY - 5.3, 5.6, 5.8 GHz BANDS

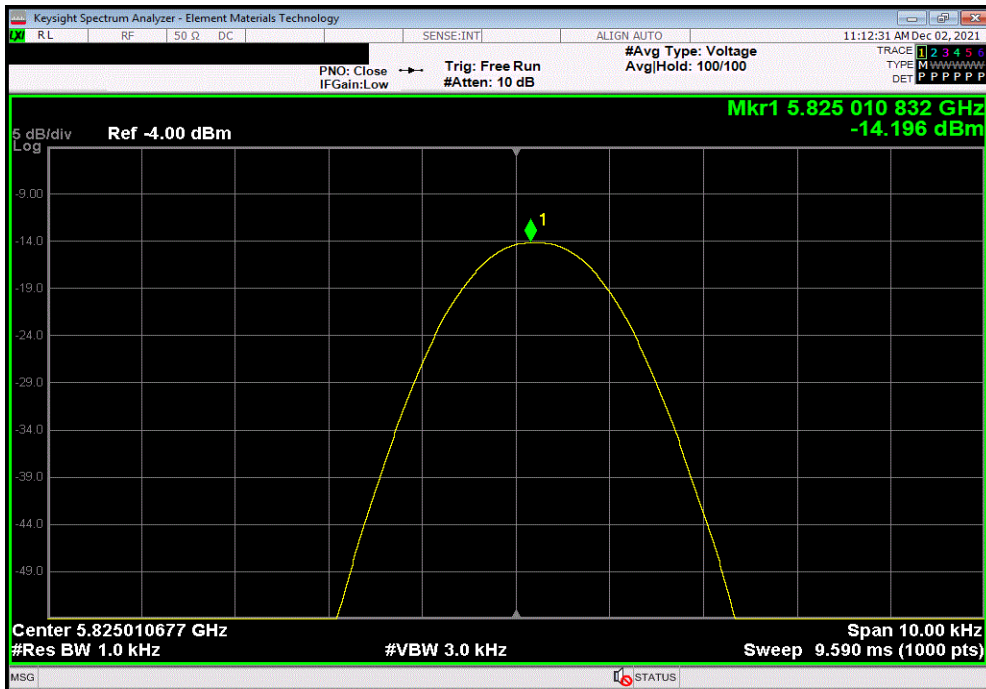


TbTx 2021.10.29.2 XMI 2020.12.30.0

5725 - 5580 MHz Band, CW, Ch 165 = 5825 MHz, Voltage: 85%, 20.4 VDC					
Measured Value (MHz)	Nominal Value (MHz)	Error (ppm)	Limit (ppm)	Results	
5825.001106	5825.001807	0.1	100	Pass	



5725 - 5580 MHz Band, CW, Ch 165 = 5825 MHz, Temperature: +50°					
Measured Value (MHz)	Nominal Value (MHz)	Error (ppm)	Limit (ppm)	Results	
5825.010832	5825.001807	1.5	100	Pass	

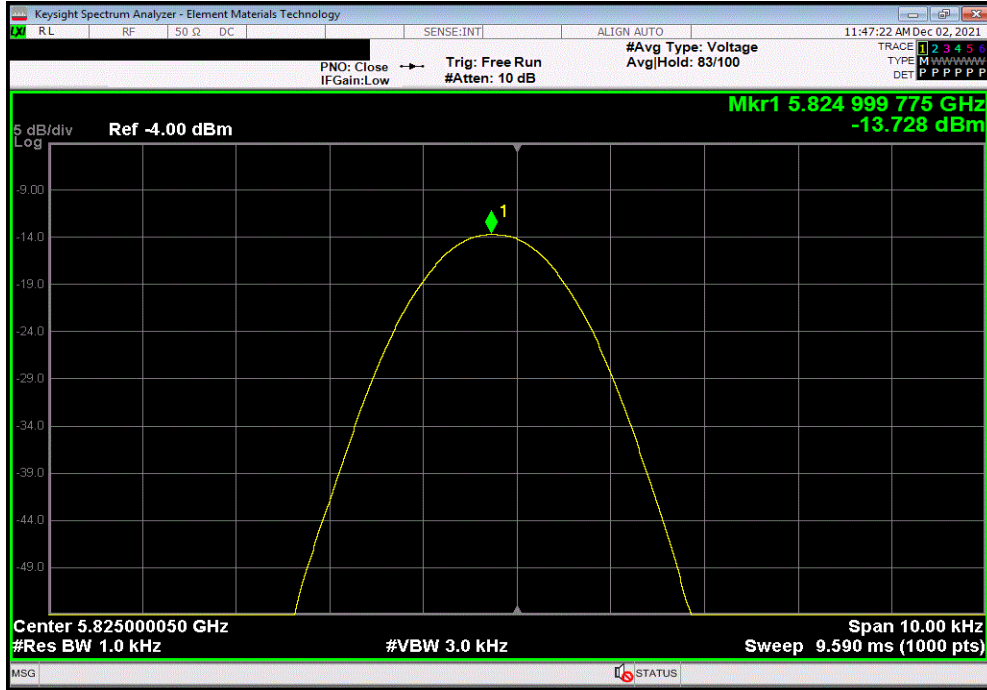


# FREQUENCY STABILITY - 5.3, 5.6, 5.8 GHz BANDS

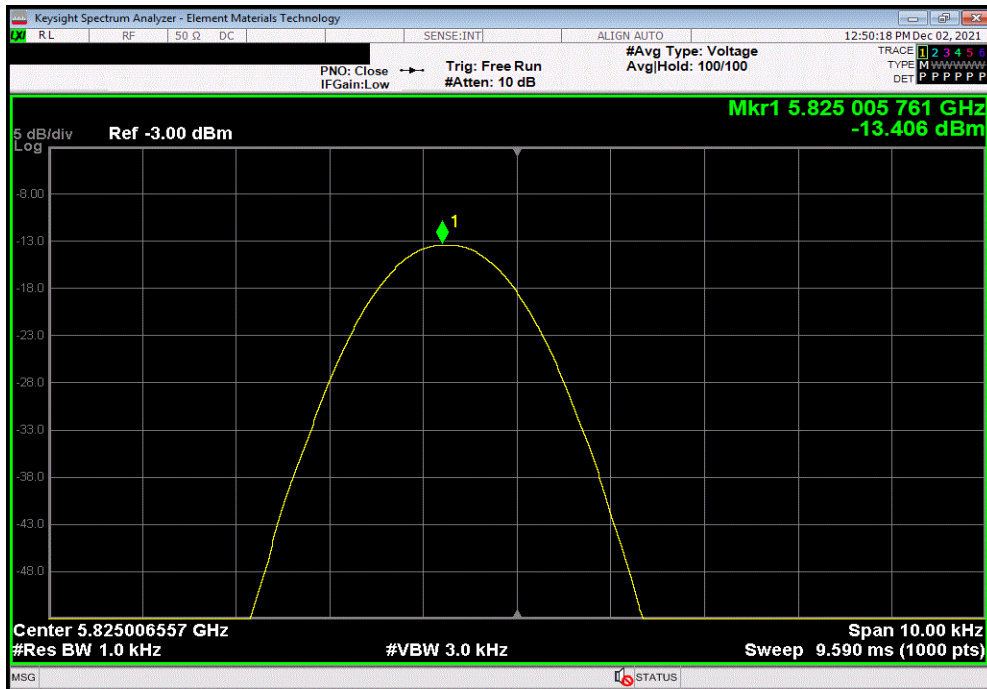


TbTx 2021.10.29.2 XMI 2020.12.30.0

5725 - 5580 MHz Band, CW, Ch 165 = 5825 MHz, Temperature: +40°					
Measured Value (MHz)	Nominal Value (MHz)	Error (ppm)	Limit (ppm)	Results	
5824.999775	5825.001807	0.3	100	Pass	



5725 - 5580 MHz Band, CW, Ch 165 = 5825 MHz, Temperature: +30°					
Measured Value (MHz)	Nominal Value (MHz)	Error (ppm)	Limit (ppm)	Results	
5825.005761	5825.001807	0.7	100	Pass	

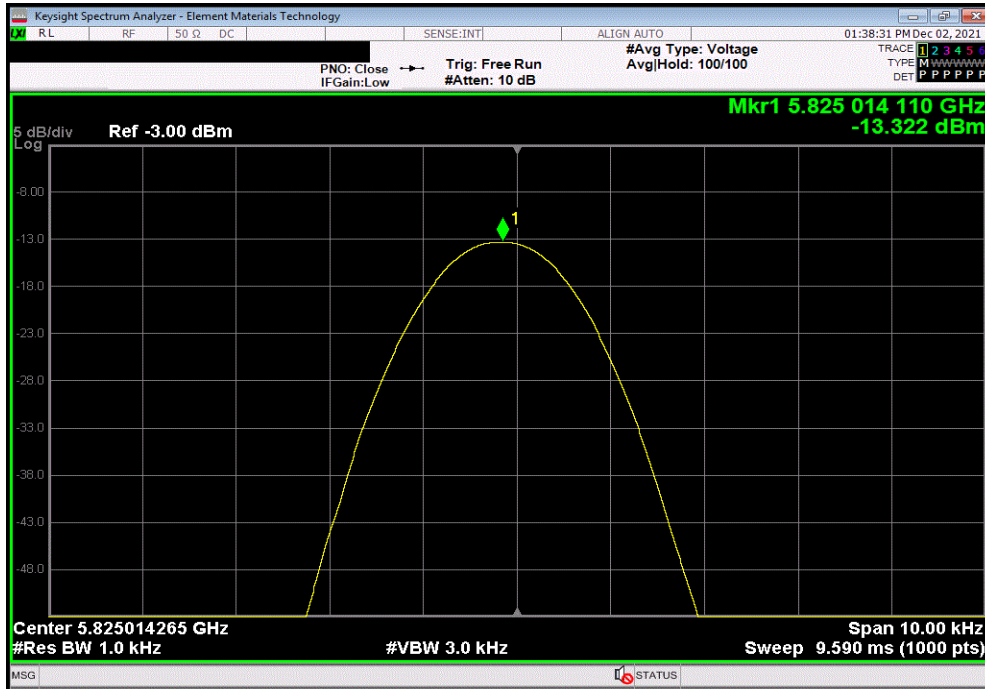


# FREQUENCY STABILITY - 5.3, 5.6, 5.8 GHz BANDS

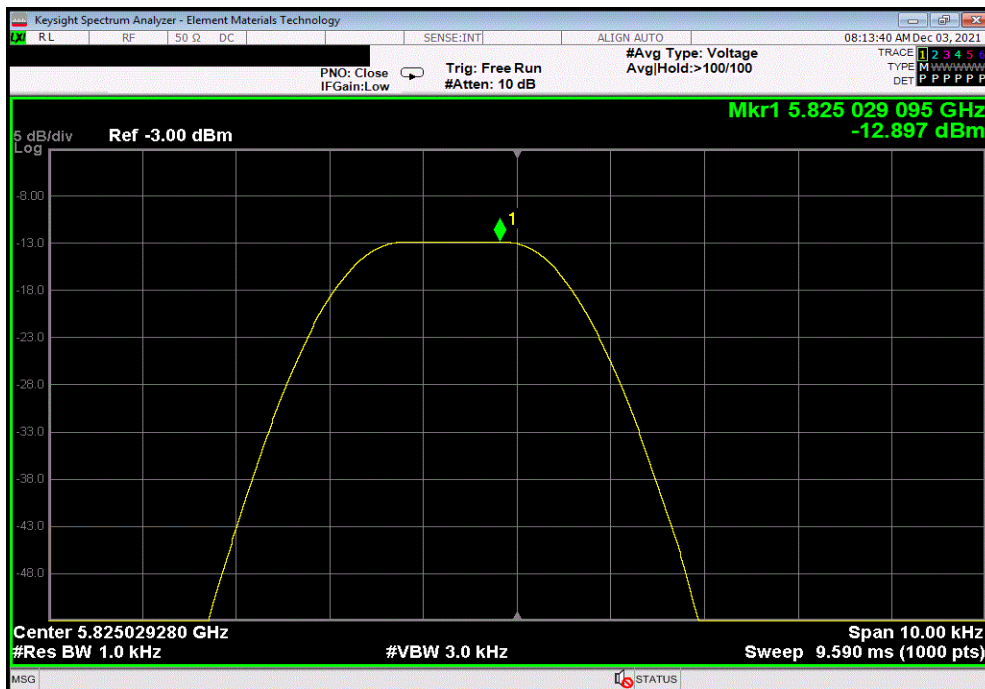


TbTx 2021.10.29.2 XMI 2020.12.30.0

5725 - 5580 MHz Band, CW, Ch 165 = 5825 MHz, Temperature: +20°					
Measured Value (MHz)	Nominal Value (MHz)	Error (ppm)	Limit (ppm)	Results	
5825.01411	5825.001807	2.1	100	Pass	



5725 - 5580 MHz Band, CW, Ch 165 = 5825 MHz, Temperature: +10°					
Measured Value (MHz)	Nominal Value (MHz)	Error (ppm)	Limit (ppm)	Results	
5825.029095	5825.001807	4.7	100	Pass	

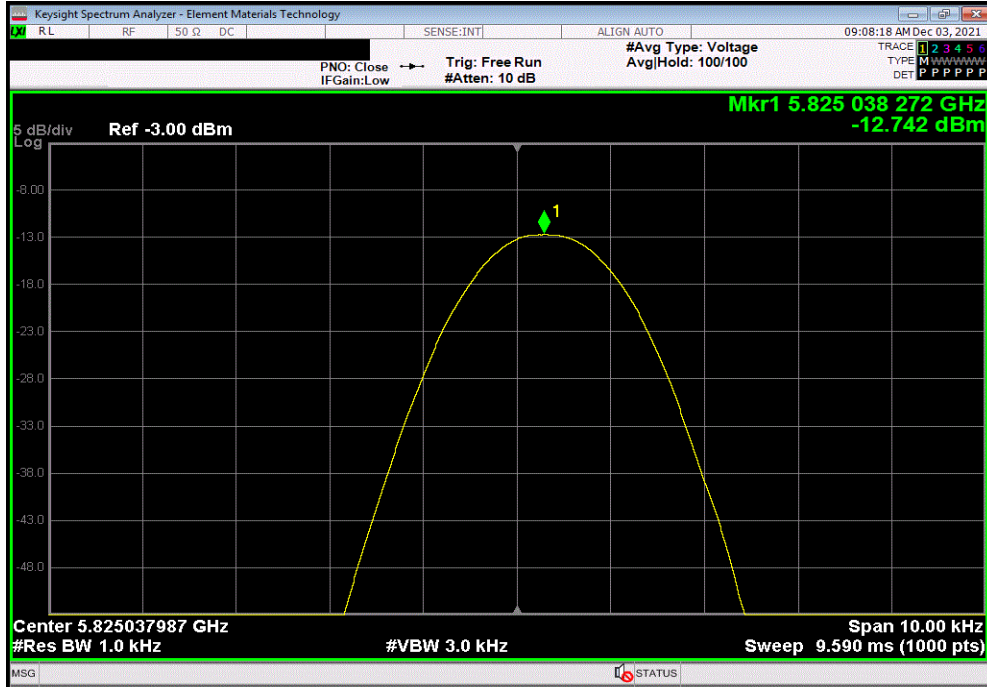


# FREQUENCY STABILITY - 5.3, 5.6, 5.8 GHz BANDS

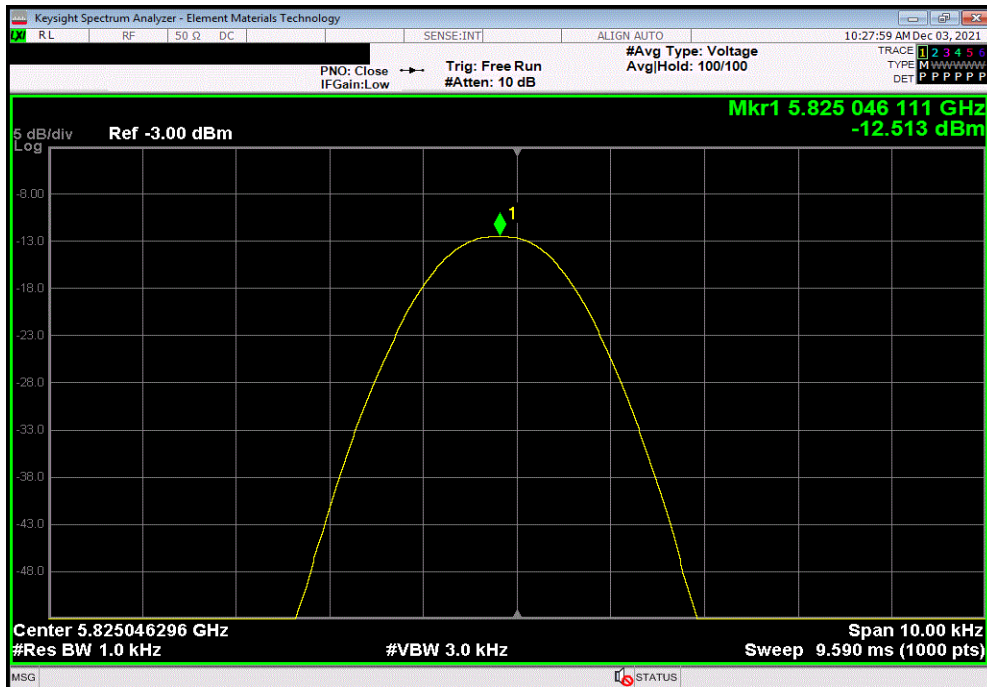


TbTx 2021.10.29.2 XMI 2020.12.30.0

5725 - 5580 MHz Band, CW, Ch 165 = 5825 MHz, Temperature: 0°						
	Measured Value (MHz)	Nominal Value (MHz)	Error (ppm)	Limit (ppm)	Results	
	5825.038272	5825.001807	6.3	100	Pass	



5725 - 5580 MHz Band, CW, Ch 165 = 5825 MHz, Temperature: -10°						
	Measured Value (MHz)	Nominal Value (MHz)	Error (ppm)	Limit (ppm)	Results	
	5825.046111	5825.001807	7.6	100	Pass	



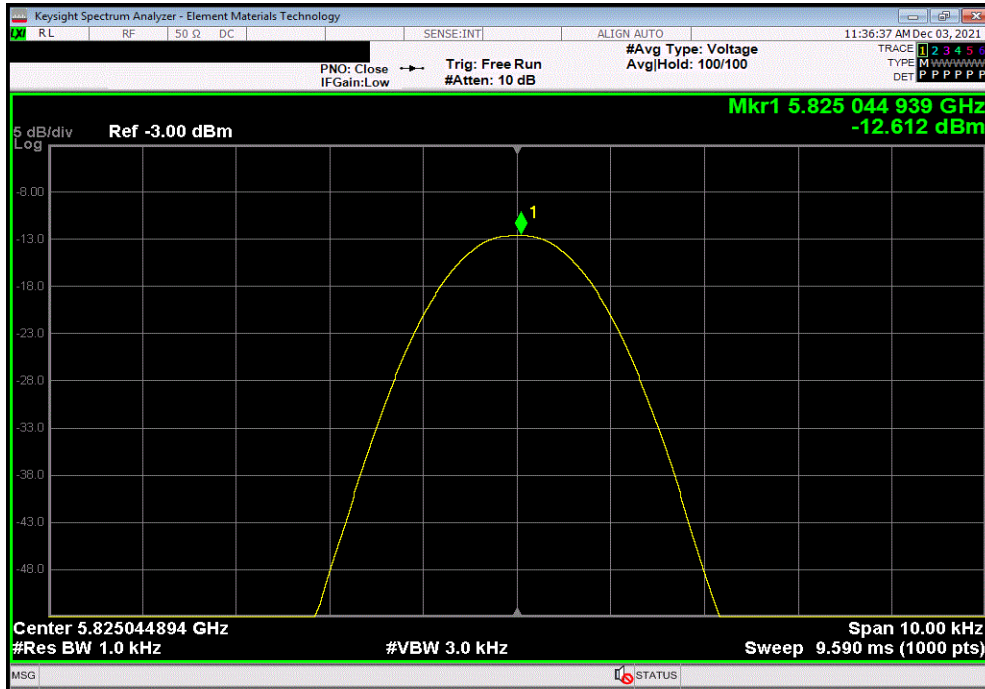


# FREQUENCY STABILITY - 5.3, 5.6, 5.8 GHz BANDS



TbTx 2021.10.29.2 XMI 2020.12.30.0

5725 - 5580 MHz Band, CW, Ch 165 = 5825 MHz, Temperature: -20°					
Measured Value (MHz)	Nominal Value (MHz)	Error (ppm)	Limit (ppm)	Results	
5825.044939	5825.001807	7.4	100	Pass	



5725 - 5580 MHz Band, CW, Ch 165 = 5825 MHz, Temperature: -30°					
Measured Value (MHz)	Nominal Value (MHz)	Error (ppm)	Limit (ppm)	Results	
5825.034	5825.001807	5.5	100	Pass	

