



Test Report Serial Number:

**45461625 R1.0**

Test Report Date:

**4 December 2020**

Project Number:

**1510**

## **Appendix M - 20dB BW Measurement Plots (DXX)**

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<b>20dB BW Bandwidth Measurement Results (DXX)</b>			
<b>Frequency (MHz)</b>	<b>Modulation</b>	<b>Mode</b>	<b>Measured 20dB BW Bandwidth (MHz)</b>
2402	GFSK	BT BR	1.000
2480	GFSK	BT BR	0.966
2402	GFSK	ANT	1.182
2480	GFSK	ANT	0.978
2402	GMSK	BLE	1.224
2480	GMSK	BLE	1.224
<b>Result:</b>			<b>Complies</b>

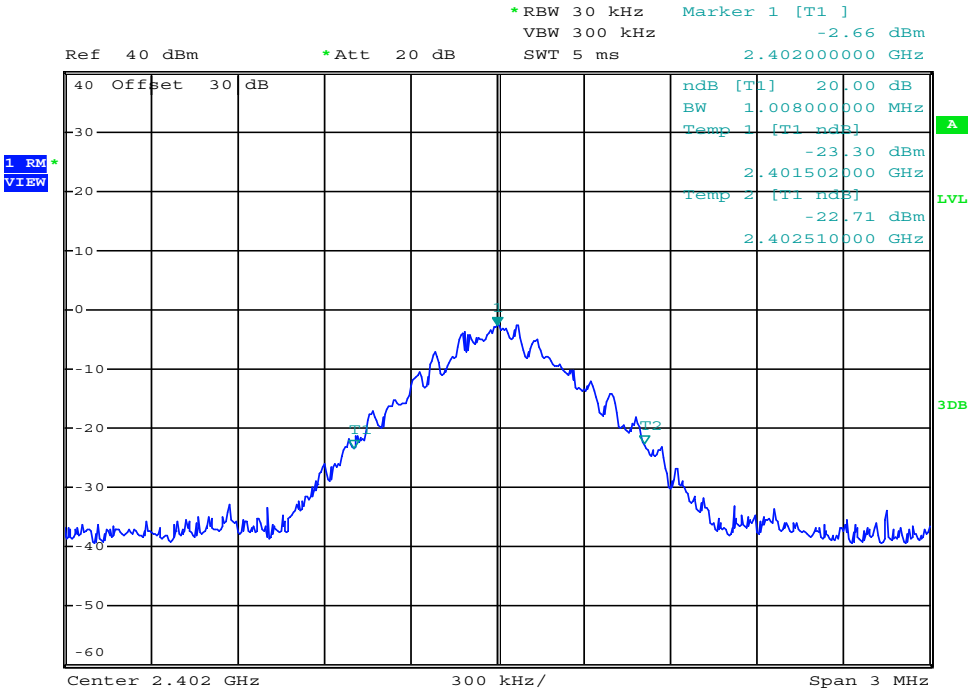
Compliance to §15.215(c):

Largest Measured 20dB BW < 1.3MHz, 50% BW < 0.650MHz

LBE = 2402MHz - 0.650MHz = 2401.35MHz > 2400MHz

UBE = 2480 + 0.650MHz = 2480.65MHz < 2483.5MHz

## 20dB Bandwidth



Date: 3.DEC.2020 15:40:10

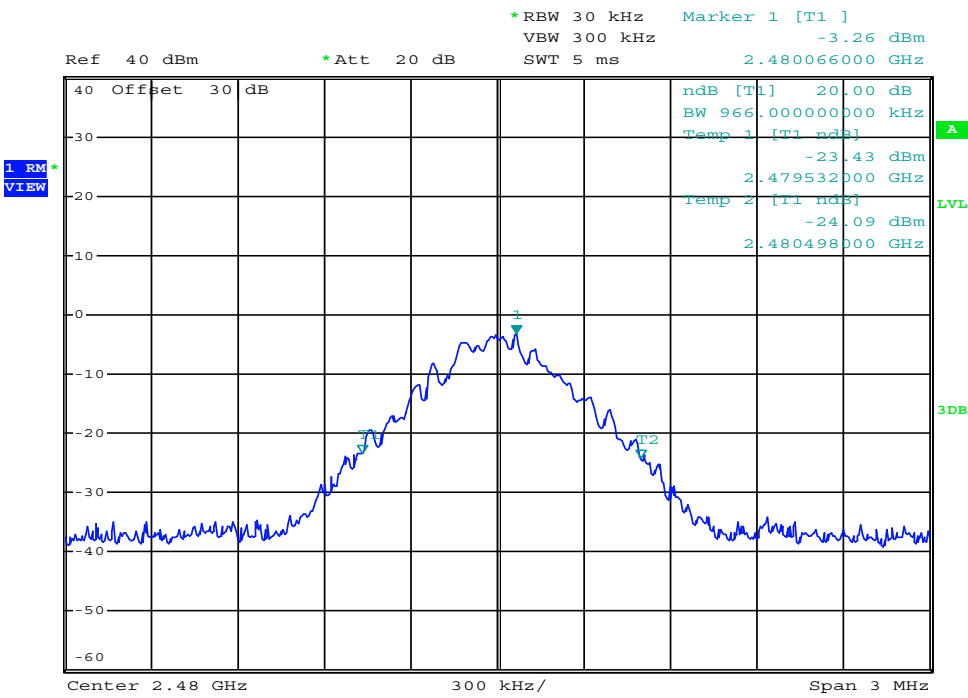
Channel Frequency:  
**2402.00 MHz**

DUT Modulation:  
**GFSK**

Mode:  
**BT BR**

Measured 20dB Bandwidth:  
**1.000 MHz**

# 20dB Bandwidth



Date: 3.DEC.2020 15:40:53

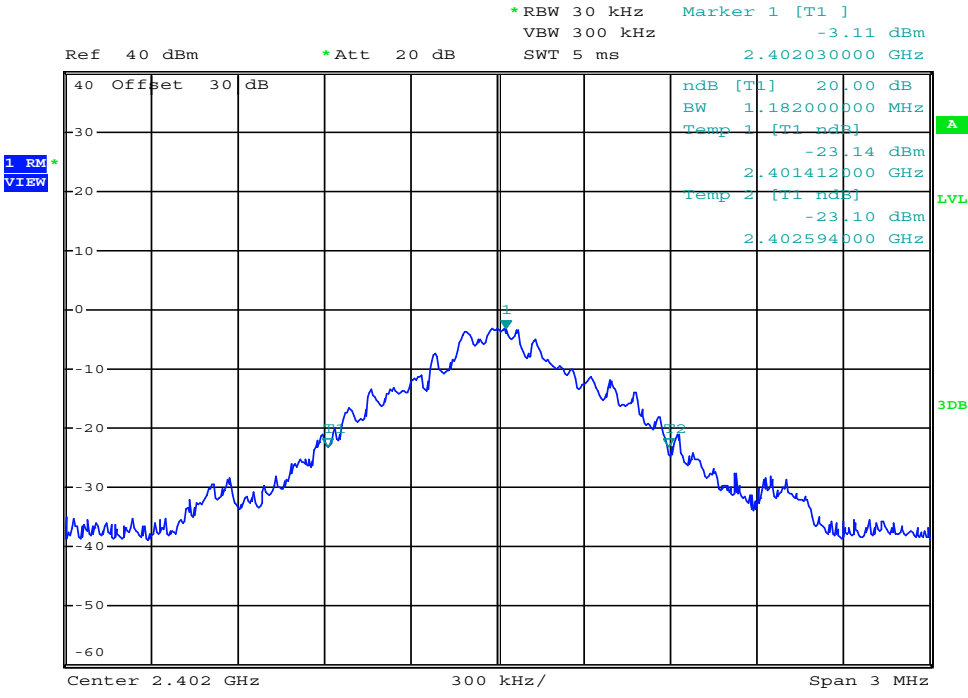
Channel Frequency:  
**2480.00 MHz**

DUT Modulation:  
**GFSK**

Mode:  
**BT BR**

Measured 20dB Bandwidth:  
**0.966 MHz**

# 20dB Bandwidth



Date: 3.DEC.2020 15:39:23

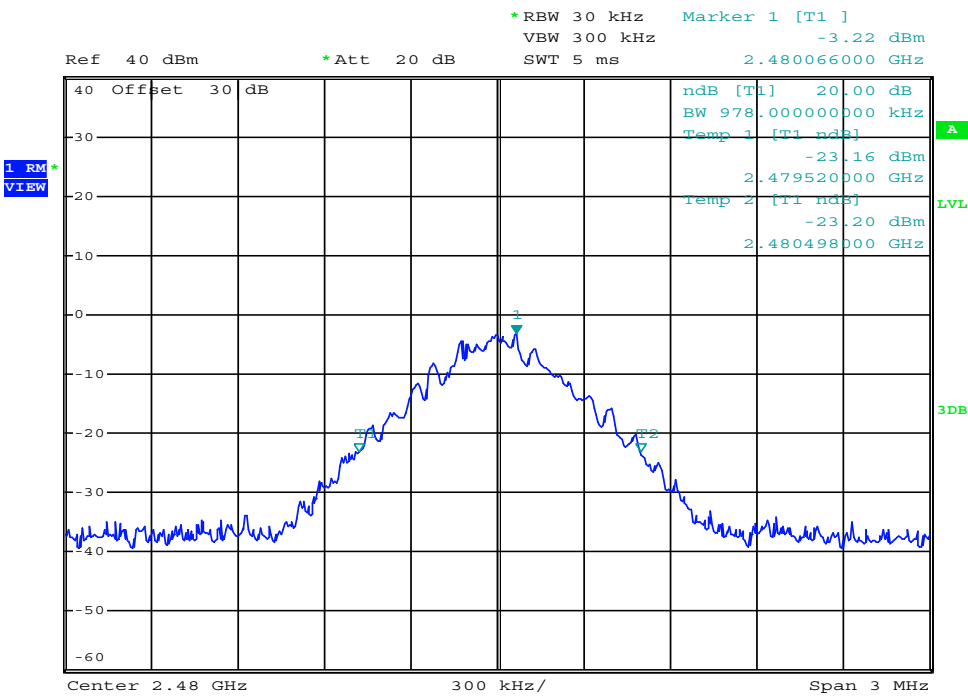
Channel Frequency:  
**2402.00 MHz**

DUT Modulation:  
**GFSK**

Mode:  
**ANT**

Measured 20dB Bandwidth:  
**1.182 MHz**

# 20dB Bandwidth



Date: 3.DEC.2020 15:38:48

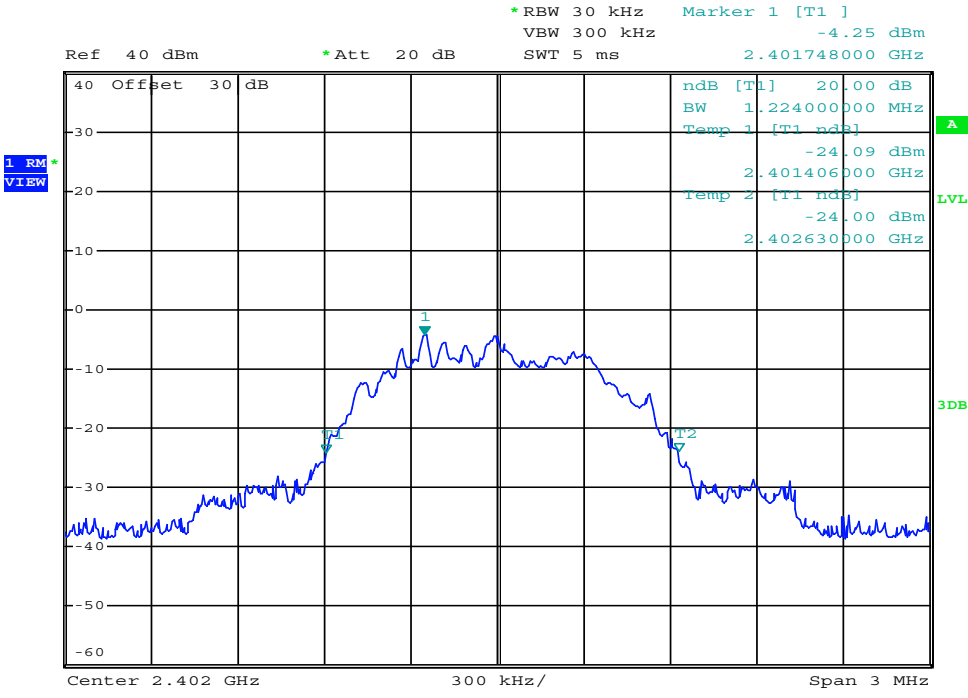
Channel Frequency:  
**2480.00 MHz**

DUT Modulation:  
**GFSK**

Mode:  
**ANT**

Measured 20dB Bandwidth:  
**0.978 MHz**

# 20dB Bandwidth



Date: 3.DEC.2020 15:42:20

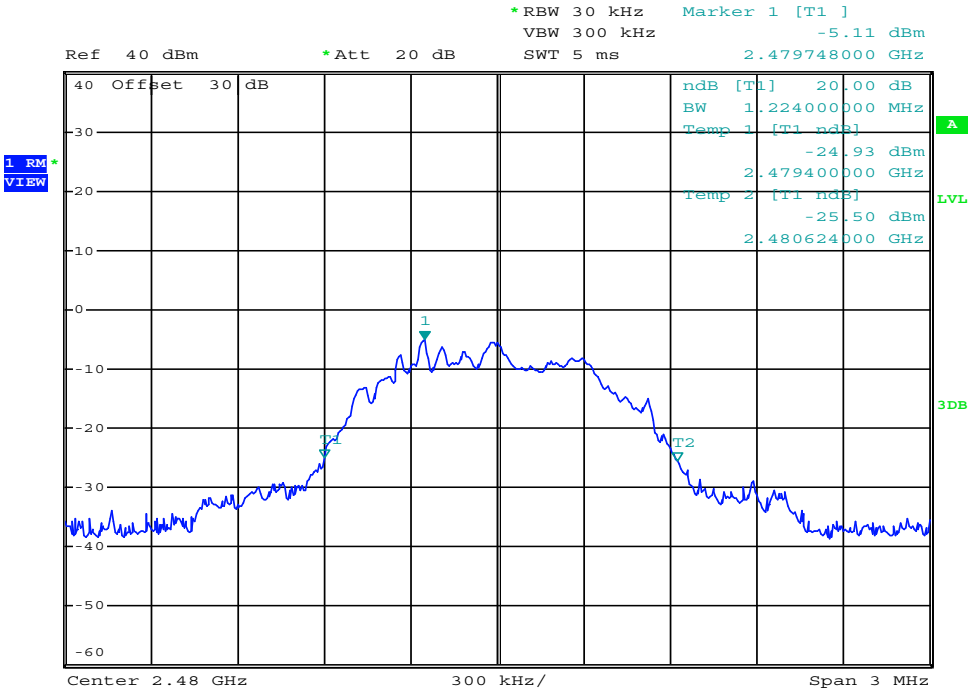
Channel Frequency:  
**2402.00 MHz**

DUT Modulation:  
**GMSK**

Mode:  
**BLE**

Measured 20dB Bandwidth:  
**1.224 MHz**

## 20dB Bandwidth



Date: 3.DEC.2020 15:41:40

Channel Frequency:  
**2480.00 MHz**

DUT Modulation:  
**GMSK**

Mode:  
**BLE**

Measured 20dB Bandwidth:  
**1.224 MHz**