

20dB BW Bandwidth Measurement Results

Mode	Channel Number	Channel Frequency (MHz)	Modulation	Bit Rate (Mbps)	Measured 20dB Bandwidth (MHz)
BLE1	0	2402	GMSK	1	1.33
	39	2480			1.36
BLE2	1	2404	GMSK	2	2.71
	38	2478			2.48
ANT	2	2402	GFSK	-	1.41
	80	2480			2.15
Result:					Complies

Compliance to §15.215(c) :

Largest Measured 20dB BW < 2.48MHz, 50% BW < 1.24MHz

LBE = 2402MHz - 1.24MHz = 2400.79MHz > 2400MHz

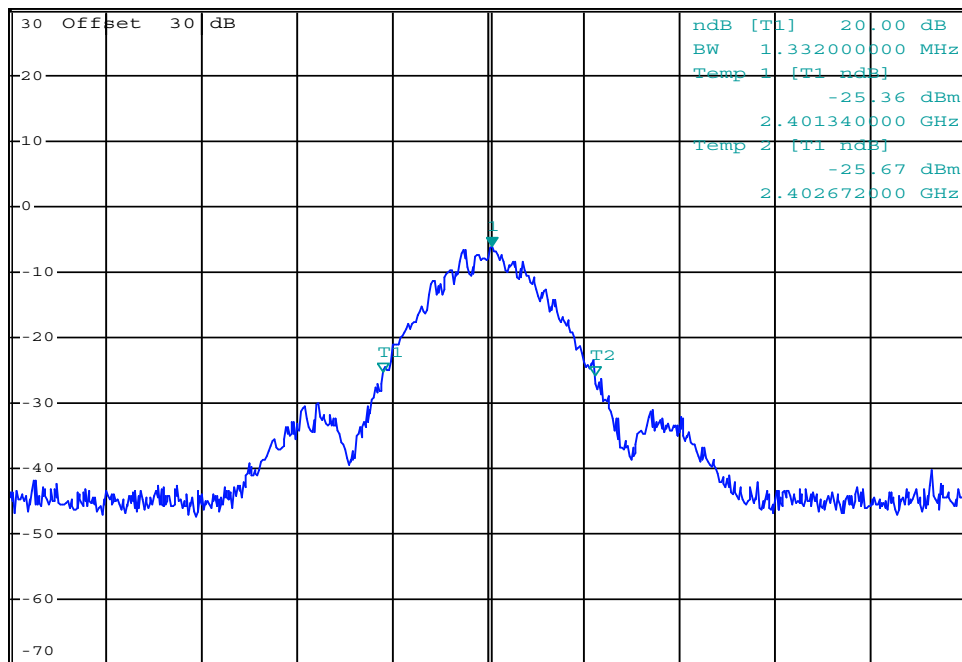
UBE = 2480MHz + 1.24MHz = 2481.2MHz < 2483.5MHz

20dB Bandwidth: BlueTooth BLE 1



*RBW 30 kHz Marker 1 [T1]
 VBW 100 kHz -6.00 dBm
 Ref 30 dBm *Att 20 dB SWT 10 ms 2.402018000 GHz

1 PK
VIEW



Center 2.402 GHz 600 kHz/ Span 6 MHz

Date: 6.OCT.2022 11:24:59

Channel Number: 0

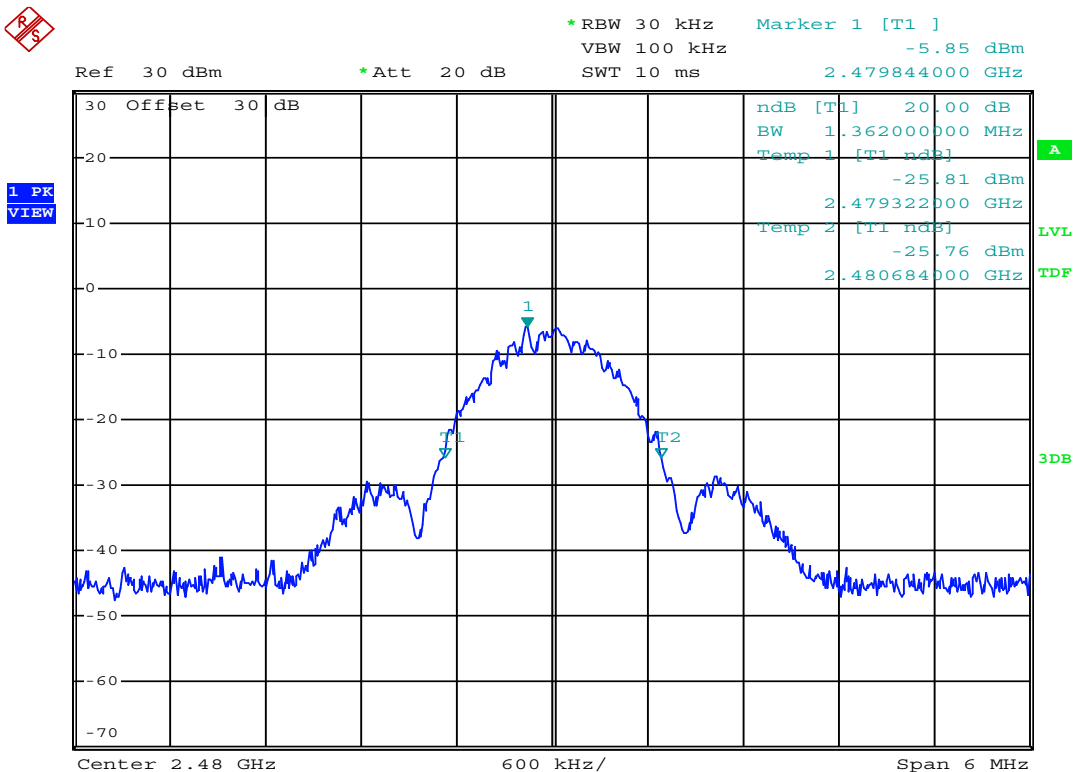
Channel Frequency (MHz): 2402

Modulation: GMSK

Bit Rate (Mbps): 1

20dB Bandwidth (MHz): 1.330

20dB Bandwidth: BlueTooth BLE 1



Date: 6.OCT.2022 11:24:11

Channel Number: **39**

Channel Frequency (MHz): **2480**

20dB Bandwidth (MHz):

1.360

Modulation: **GMSK**

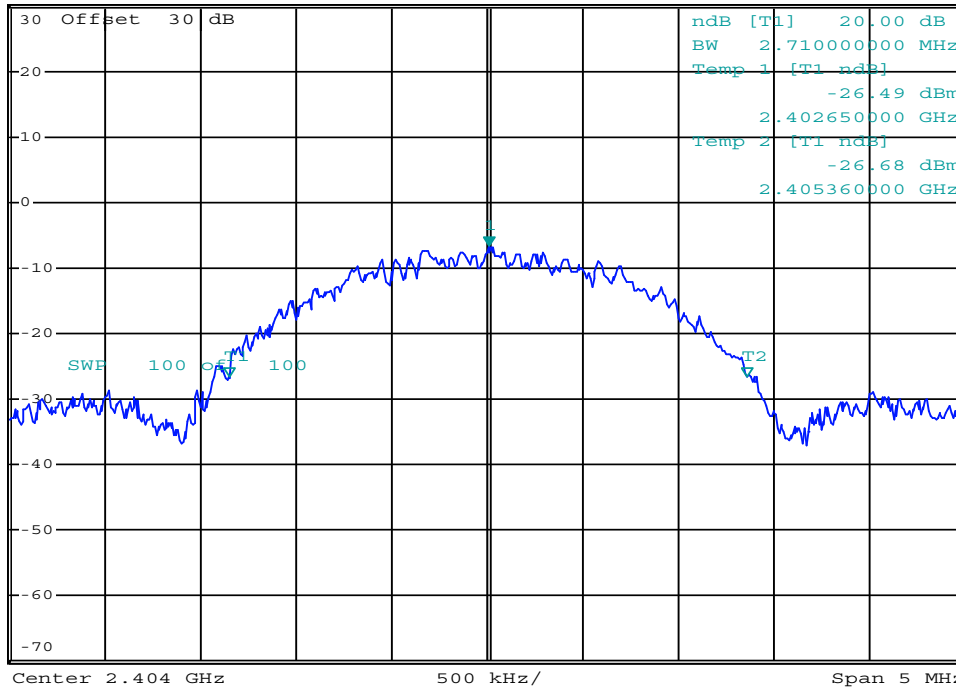
Bit Rate (Mbps): **1**

20dB Bandwidth: BlueTooth BLE 2



*RBW 30 kHz Marker 1 [T1]
 VBW 100 kHz -6.64 dBm
 Ref 30 dBm *Att 20 dB SWT 10 ms 2.404010000 GHz

1 PK
VIEW



Date: 6.OCT.2022 10:41:06

Channel Number: 1

Channel Frequency (MHz): 2404

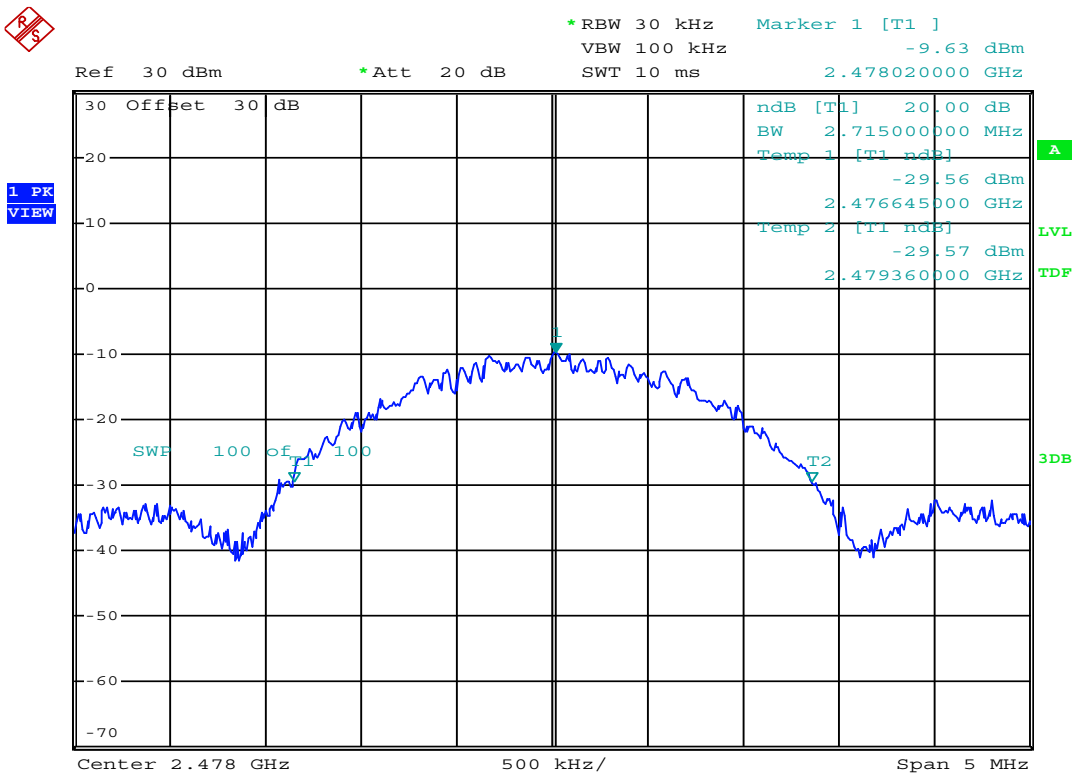
20dB Bandwidth (MHz):

2.710

Modulation: GMSK

Bit Rate (Mbps): 2

20dB Bandwidth: BlueTooth BLE 2



Date: 6.OCT.2022 10:42:50

Channel Number: **38**

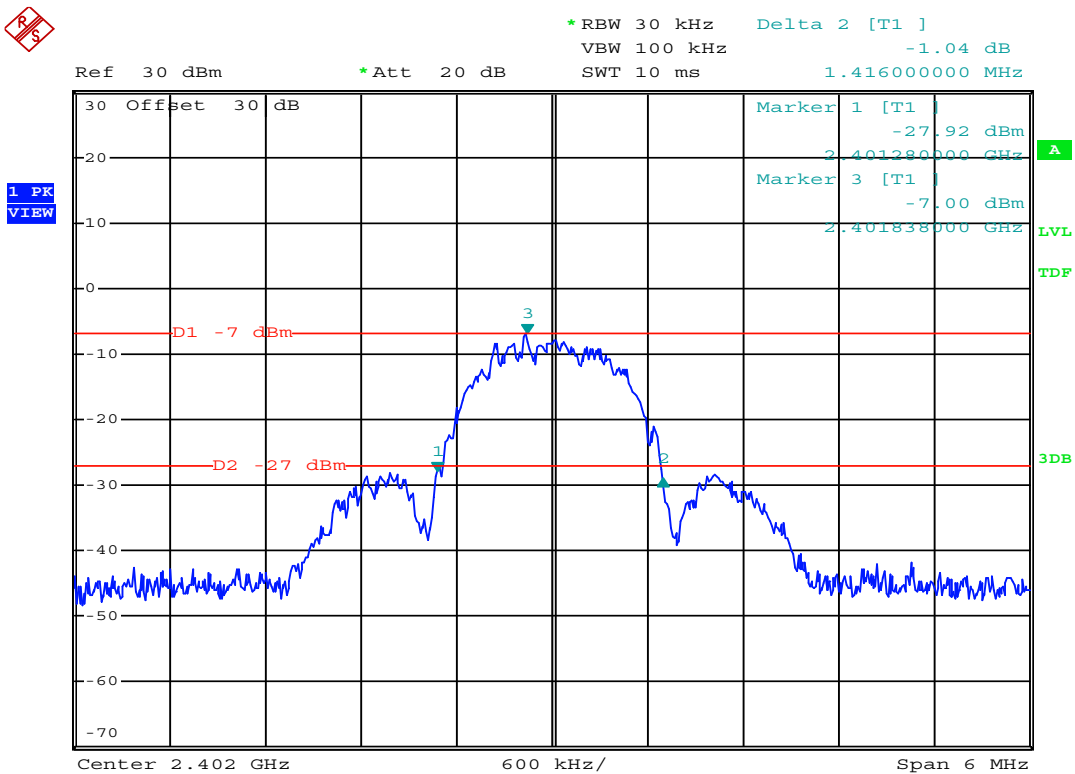
Channel Frequency (MHz): **2478**

20dB Bandwidth (MHz): **2.480**

Modulation: **GMSK**

Bit Rate (Mbps): **2**

20dB Bandwidth: BlueTooth ANT



Date: 6.OCT.2022 11:00:51

Channel Number: **2**

Channel Frequency (MHz): **2402**

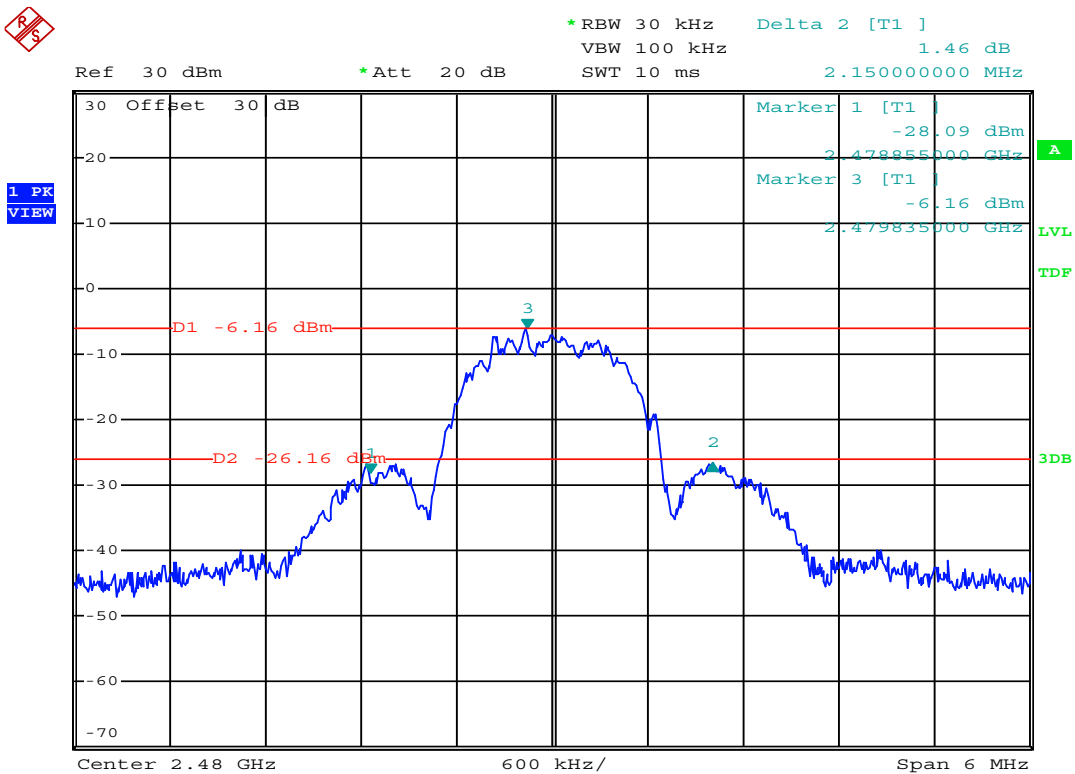
20dB Bandwidth (MHz):

1.410

Modulation: **GFSK**

Bit Rate (Mbps): **-**

20dB Bandwidth: BlueTooth ANT



Date: 6.OCT.2022 10:58:59

Channel Number: **80**

Channel Frequency (MHz): **2480**

20dB Bandwidth (MHz):

2.150

Modulation: **GFSK**

Bit Rate (Mbps): **-**