

20dB BW Bandwidth Measurement Results

Mode	Channel Number	Channel Frequency (MHz)	Modulation	Bit Rate (Mbps)	Measured 20dB Bandwidth (MHz)
BT BR	2	2402	GFSK	-	1.07
	41	2441		-	1.06
	80	2480		-	0.987
BLE 1	2	2402	GMSK	1	1.22
	41	2441		1	1.23
	80	2480		1	1.22
BLE 2	2	2402	GMSK	2	2.14
	41	2441		2	2.14
	80	2480		2	2.14
ANT	2	2402	GFSK	-	1.13
	41	2441		-	1.04
	80	2480		-	0.996

Result:**Complies**

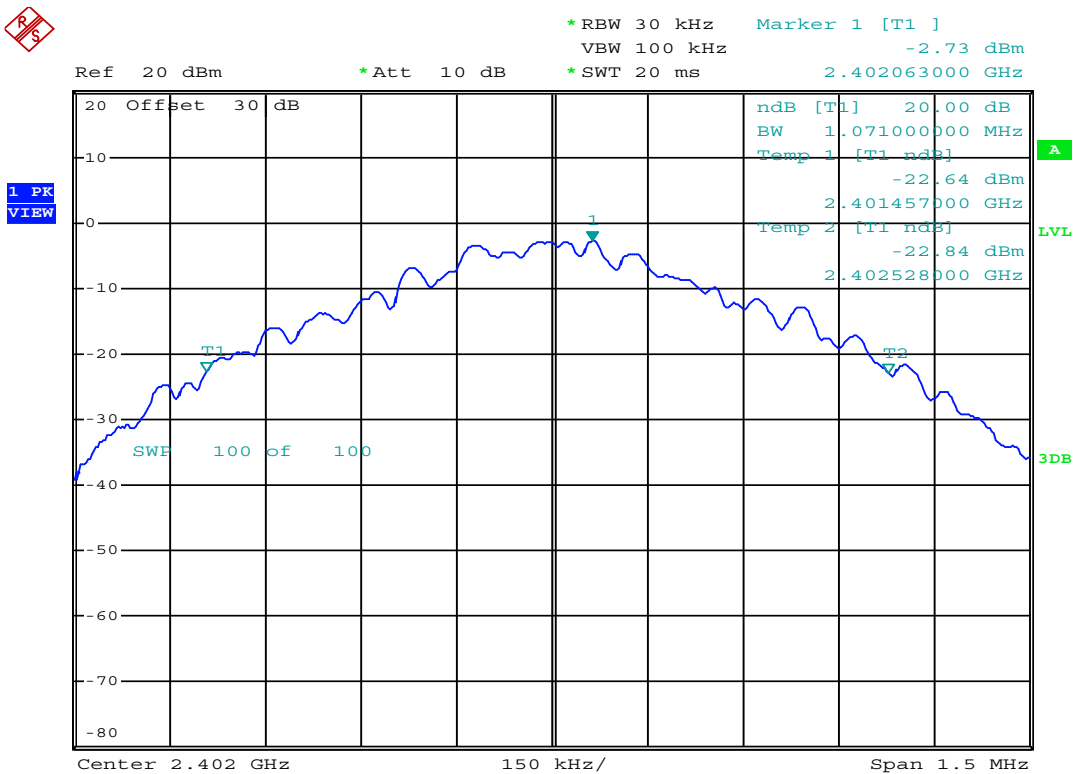
Compliance to §15.215(c) :

Largest Measured 20dB BW < 2.2MHz, 50% BW < 1.1MHz

LBE = 2402MHz - 1.1MHz = 2400.9MHz > 2400MHz

UBE = 2480MHz + 1.1MHz = 2481.1MHz < 2483.5MHz

20dB Bandwidth: BlueTooth BR



Date: 29.MAY.2021 13:21:16

Channel Number: 2

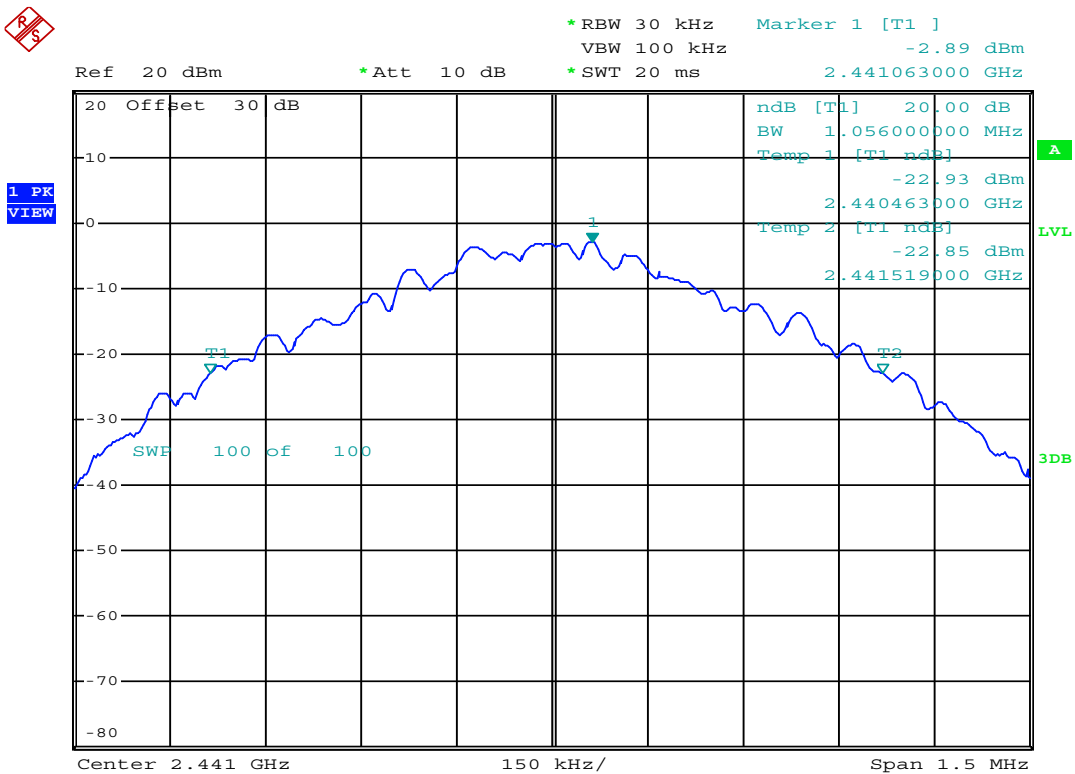
Channel Frequency (MHz): 2402

20dB Bandwidth (MHz): 1.071

Modulation: GFSK

Bit Rate (Mbps): -

20dB Bandwidth: BlueTooth



Date: 29.MAY.2021 13:20:37

Channel Number: **41**

Channel Frequency (MHz): **2441**

20dB Bandwidth (MHz):

1.056

Modulation: **GFSK**

Bit Rate (Mbps): **-**

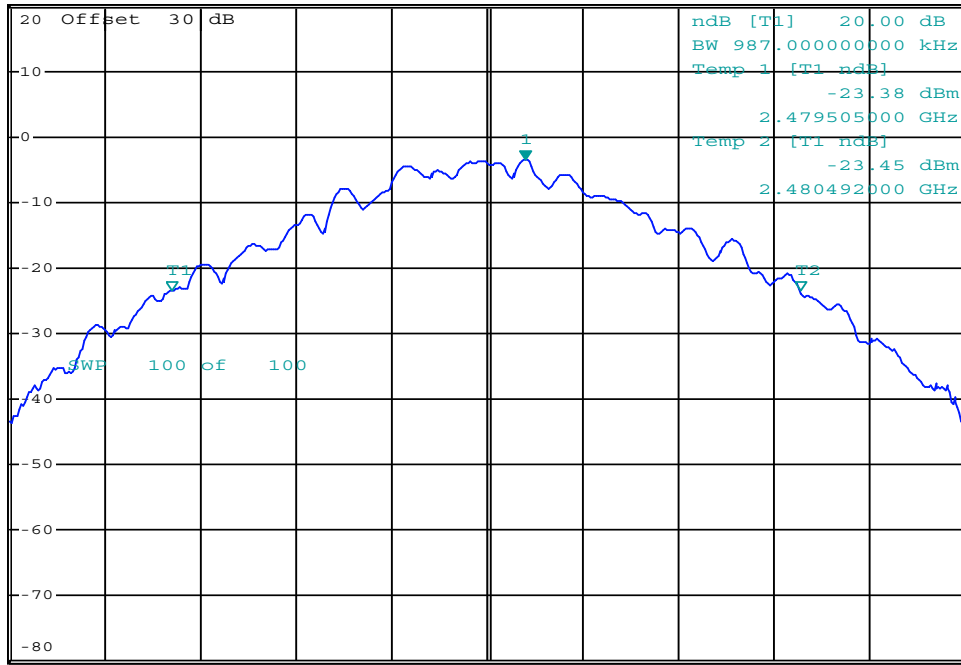
20dB Bandwidth: BlueTooth



*RBW 30 kHz Marker 1 [T1]
 VBW 100 kHz -3.43 dBm
 *Att 10 dB
 *SWT 20 ms 2.480060000 GHz

Ref 20 dBm

1 PK
VIEW



Center 2.48 GHz 150 kHz/ Span 1.5 MHz

Date: 29.MAY.2021 13:22:08

Channel Number: **80**

Channel Frequency (MHz): **2480**

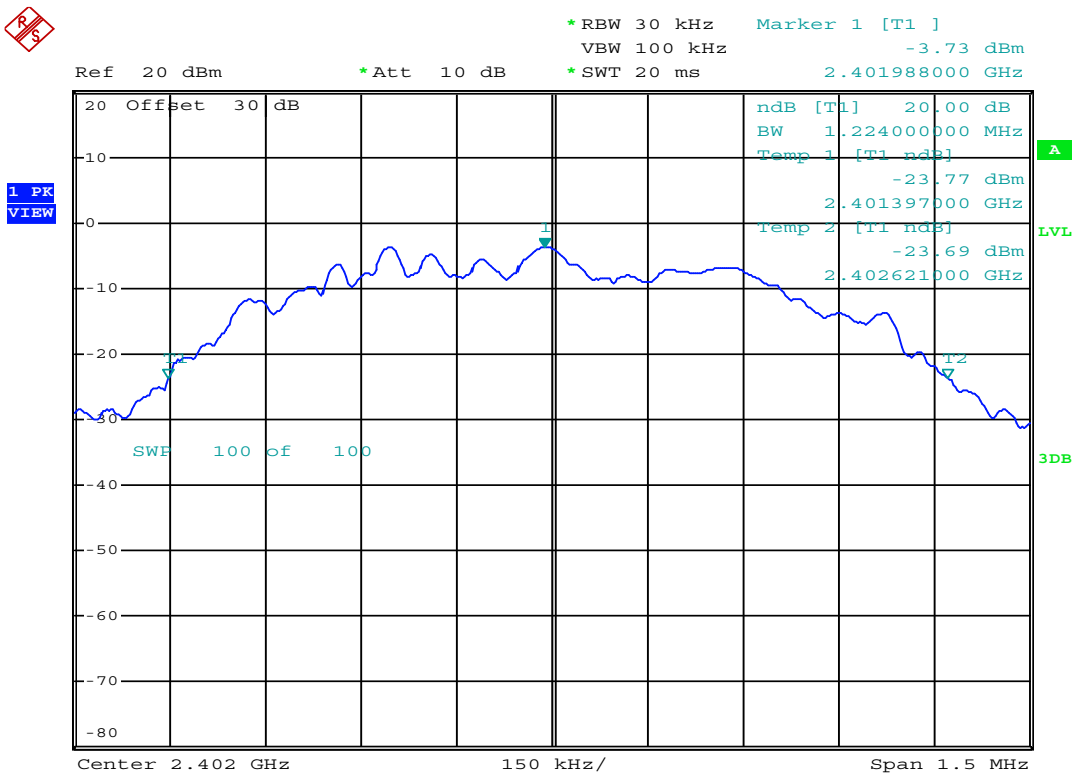
20dB Bandwidth (MHz):

0.987

Modulation: **GFSK**

Bit Rate (Mbps): **-**

20dB Bandwidth: BlueTooth BLE 1



Date: 29.MAY.2021 13:24:33

Channel Number: 2

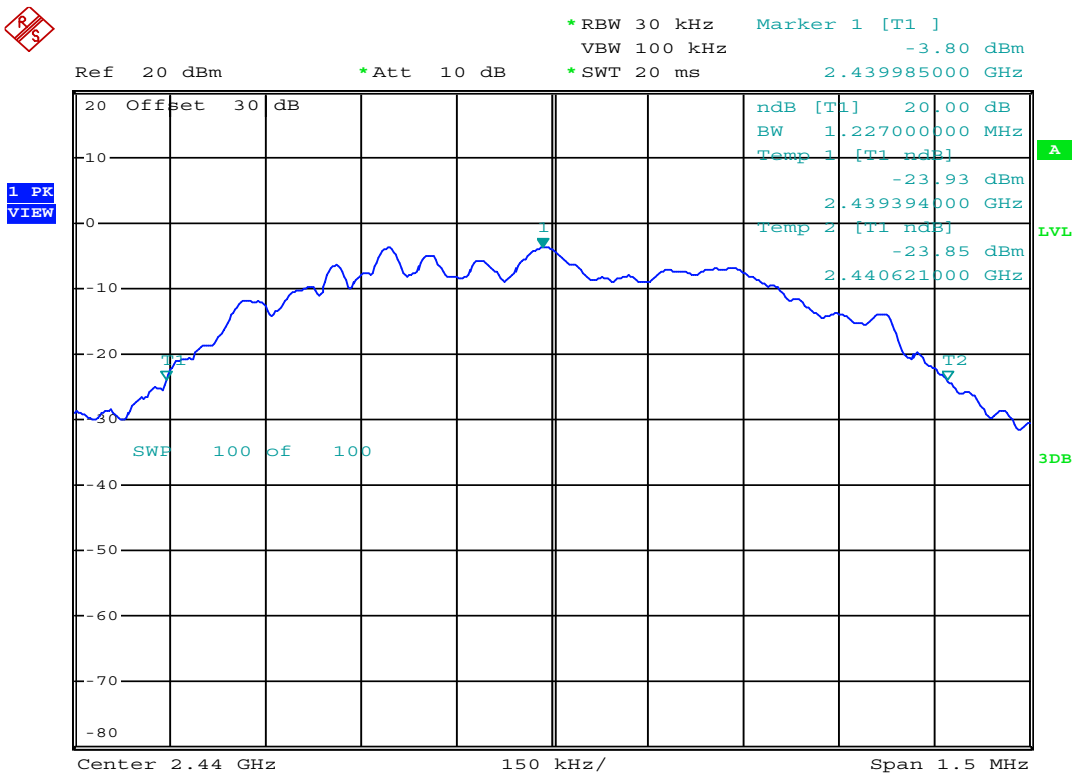
Channel Frequency (MHz): 2402

20dB Bandwidth (MHz): 1.224

Modulation: GMSK

Bit Rate (Mbps): 1

20dB Bandwidth: BlueTooth BLE 1



Date: 29.MAY.2021 13:25:57

Channel Number: **41**

Channel Frequency (MHz): **2441**

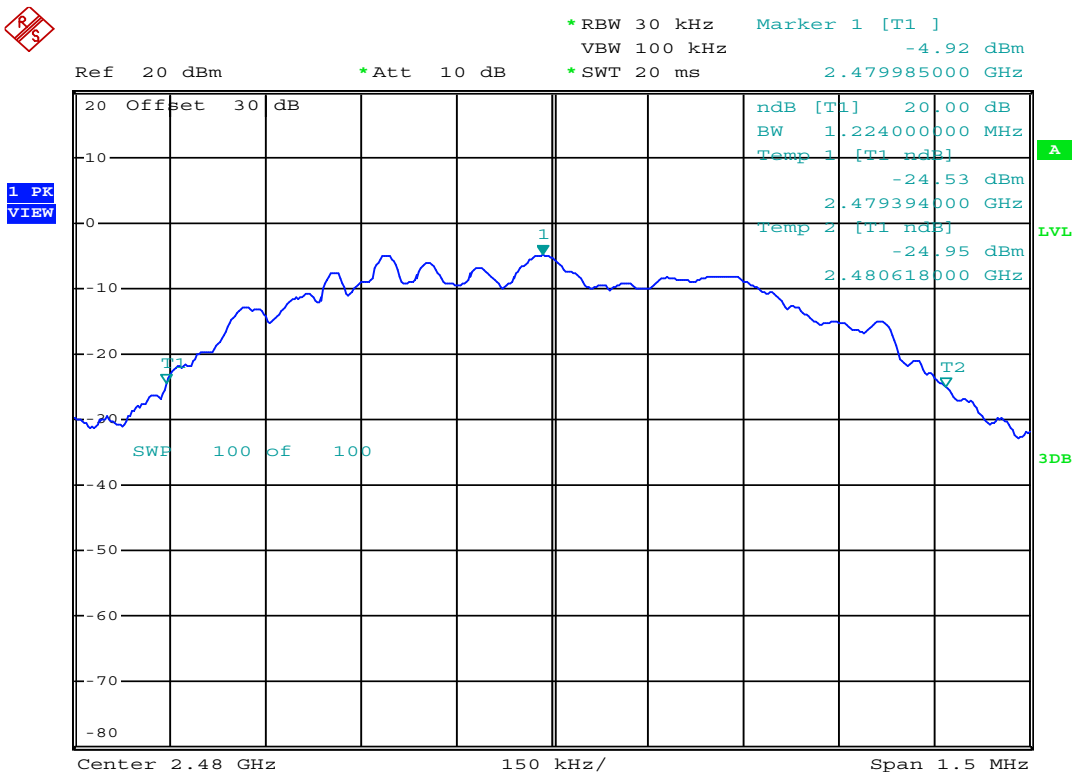
20dB Bandwidth (MHz):

1.227

Modulation: **GMSK**

Bit Rate (Mbps): **1**

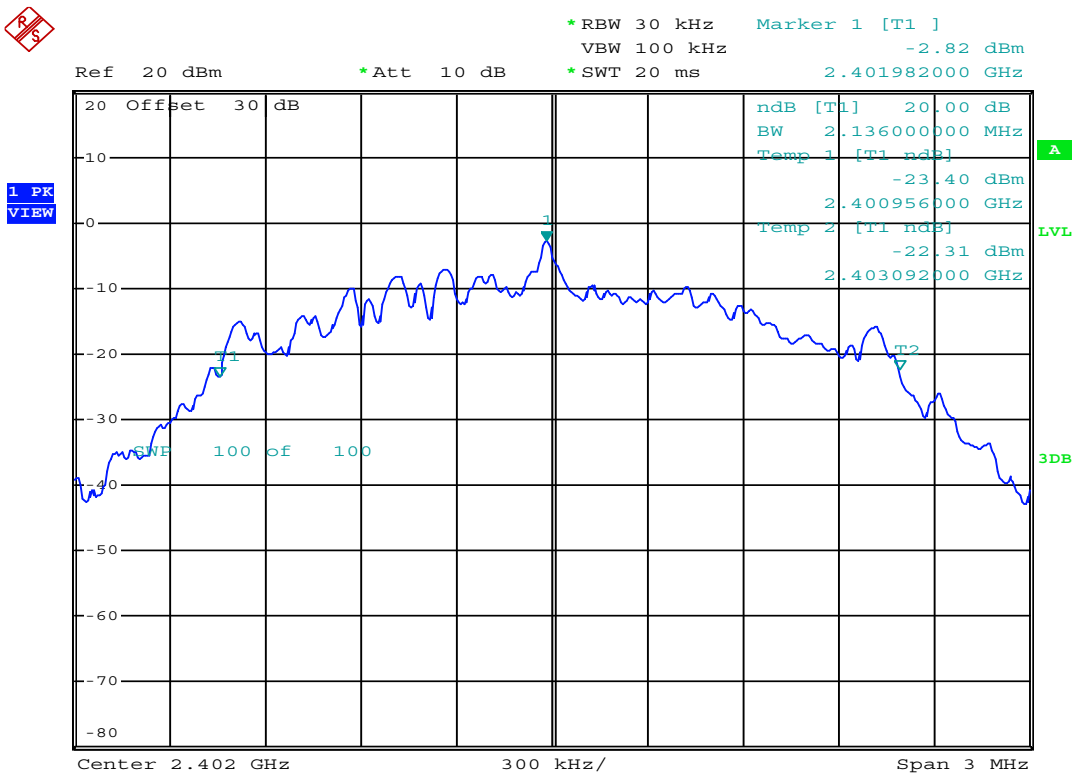
20dB Bandwidth: BlueTooth BLE 1



Date: 29.MAY.2021 13:23:47

Channel Number: 80	Channel Frequency (MHz): 2480	20dB Bandwidth (MHz): 1.224
Modulation: GMSK	Bit Rate (Mbps): 1	

20dB Bandwidth: BlueTooth BLE 2



Date: 29.MAY.2021 13:33:00

Channel Number: **2**

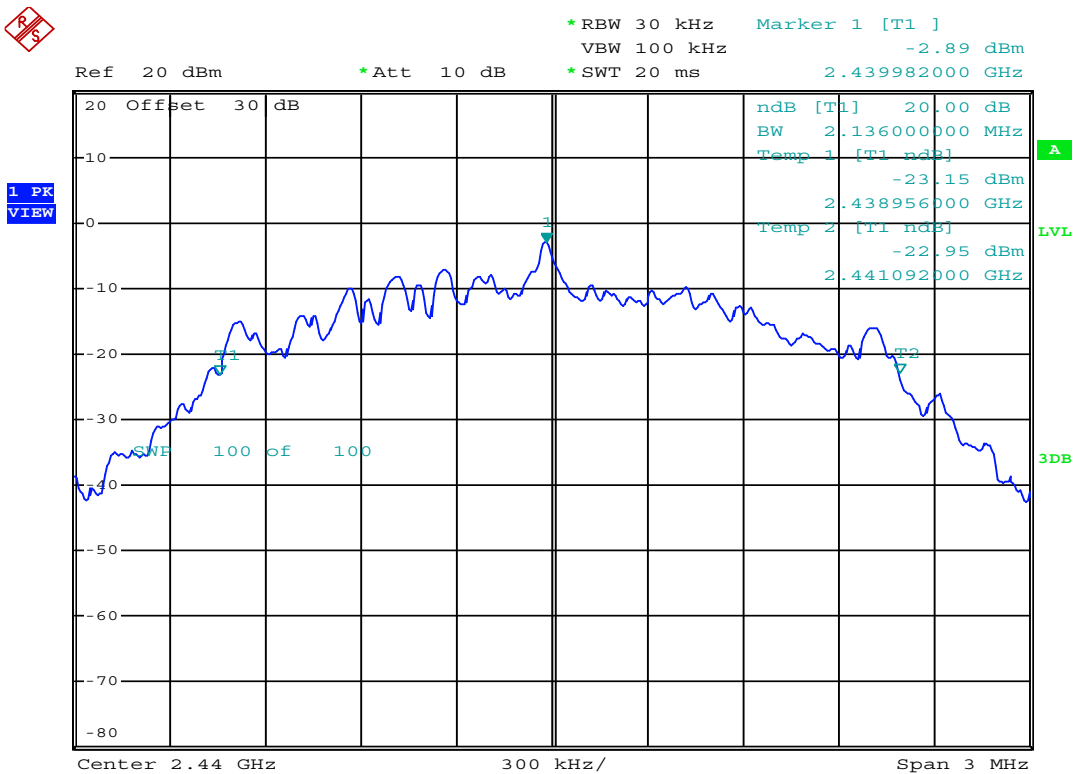
Channel Frequency (MHz): **2402**

20dB Bandwidth (MHz): **2.136**

Modulation: **GMSK**

Bit Rate (Mbps): **2**

20dB Bandwidth: BlueTooth BLE 2



Date: 29.MAY.2021 13:32:10

Channel Number: **41**

Channel Frequency (MHz): **2441**

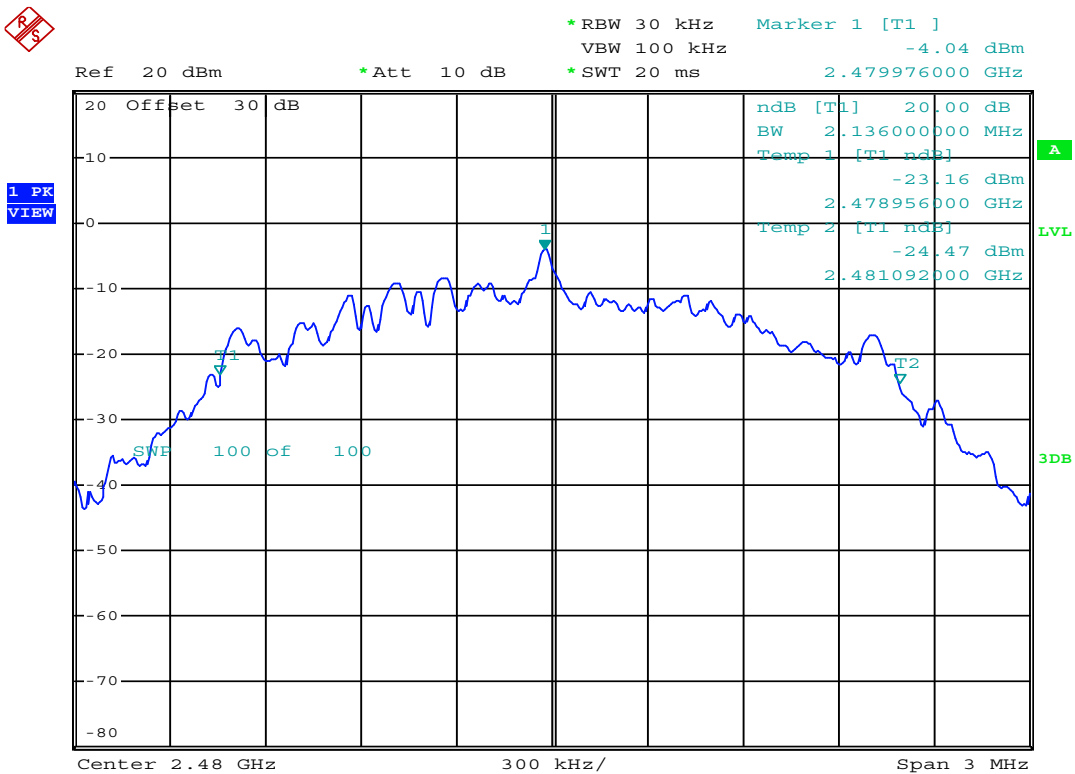
20dB Bandwidth (MHz):

2.136

Modulation: **GMSK**

Bit Rate (Mbps): **2**

20dB Bandwidth: BlueTooth BLE 2



Date: 29.MAY.2021 13:33:46

Channel Number: **80**

Channel Frequency (MHz): **2480**

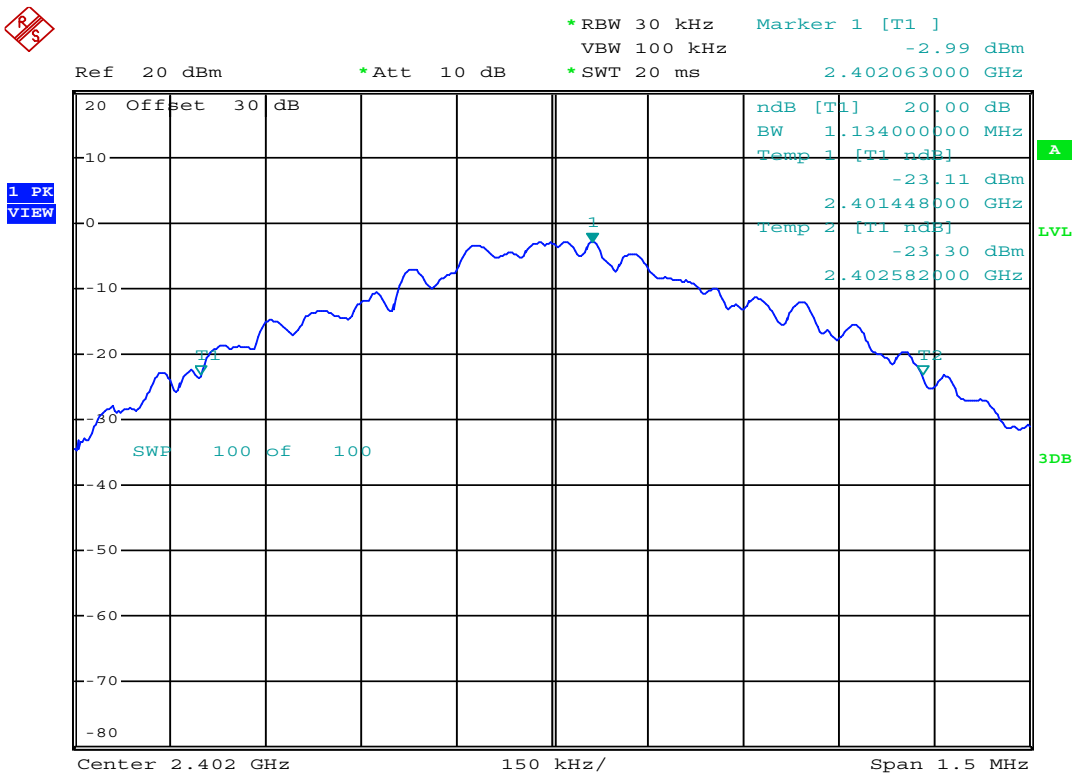
20dB Bandwidth (MHz):

2.136

Modulation: **GMSK**

Bit Rate (Mbps): **2**

20dB Bandwidth: BlueTooth ANT



Date: 29.MAY.2021 13:35:54

Channel Number: **2**

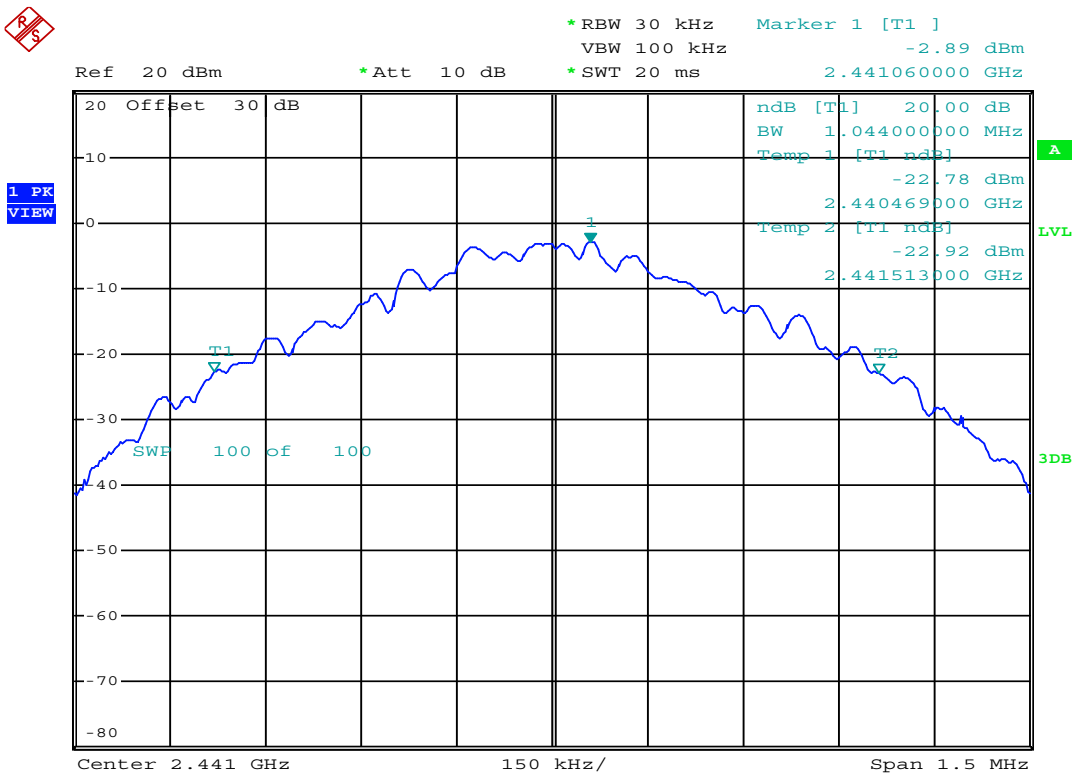
Channel Frequency (MHz): **2402**

20dB Bandwidth (MHz): **1.134**

Modulation: **GFSK**

Bit Rate (Mbps): **-**

20dB Bandwidth: BlueTooth ANT



Date: 29.MAY.2021 13:37:15

Channel Number: **41**

Channel Frequency (MHz): **2441**

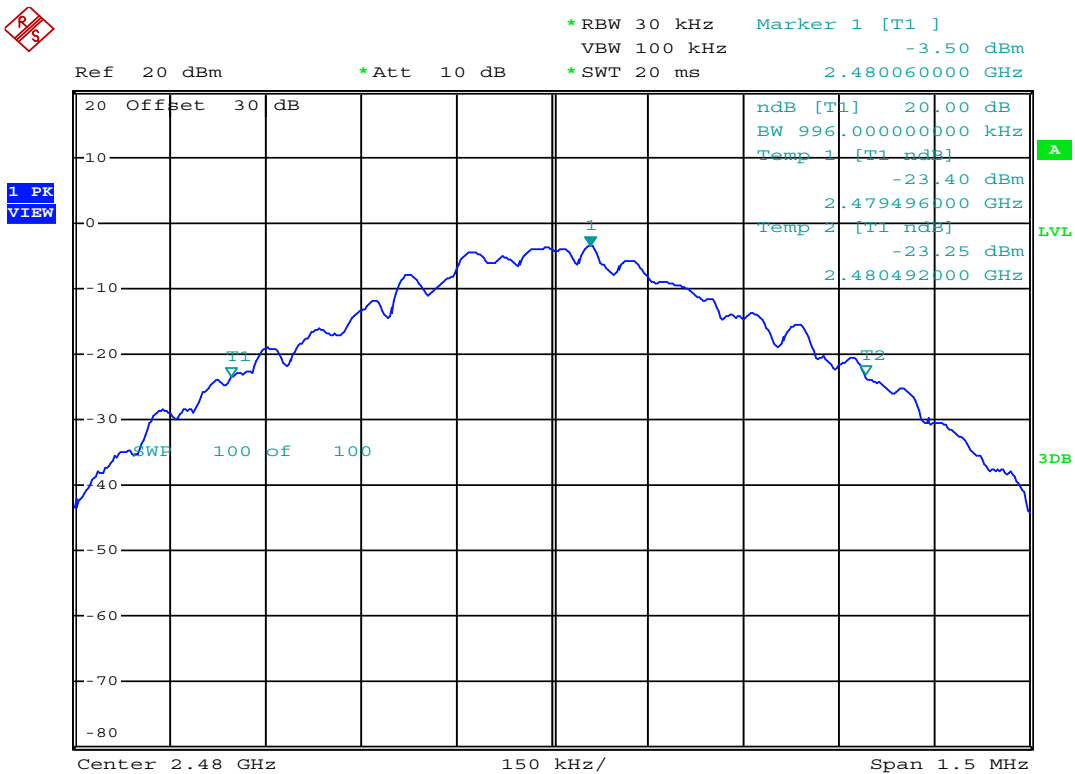
20dB Bandwidth (MHz):

1.044

Modulation: **GFSK**

Bit Rate (Mbps): **-**

20dB Bandwidth: BlueTooth ANT



Date: 29.MAY.2021 13:34:51

Channel Number: **80**

Channel Frequency (MHz): **2480**

20dB Bandwidth (MHz):

0.996

Modulation: **GFSK**

Bit Rate (Mbps): **-**