

Occupied Bandwidth Measurement Results: BlueTooth

Mode	Channel Number	Channel Frequency (MHz)	Modulation	Bit Rate (Mbps)	Measured Occupied Bandwidth (MHz)	Emission Designator
BT BR	2	2402	GFSK	-	0.900	900KD1D
	41	2441			0.952	952KD1D
	80	2480			0.916	916KD1D
BLE 1	2	2402	GMSK	1	1.13	1M13D1D
	41	2441			1.13	1M13D1D
	80	2480			1.12	1M12D1D
BLE 2	2	2402	GMSK	2	2.08	2M08D1D
	41	2441			2.12	2M12D1D
	80	2480			2.09	2M09D1D
ANT	2	2402	GFSK	-	0.984	984KD1D
	41	2441			0.980	980KD1D
	80	2480			0.948	948KD1D
Result:						Complies

Occupied Bandwidth: BlueTooth



*RBW 30 kHz Marker 1 [T1]
 VBW 100 kHz -37.53 dBm
 *Att 10 dB 2.403000000 GHz
 *SWT 20 ms

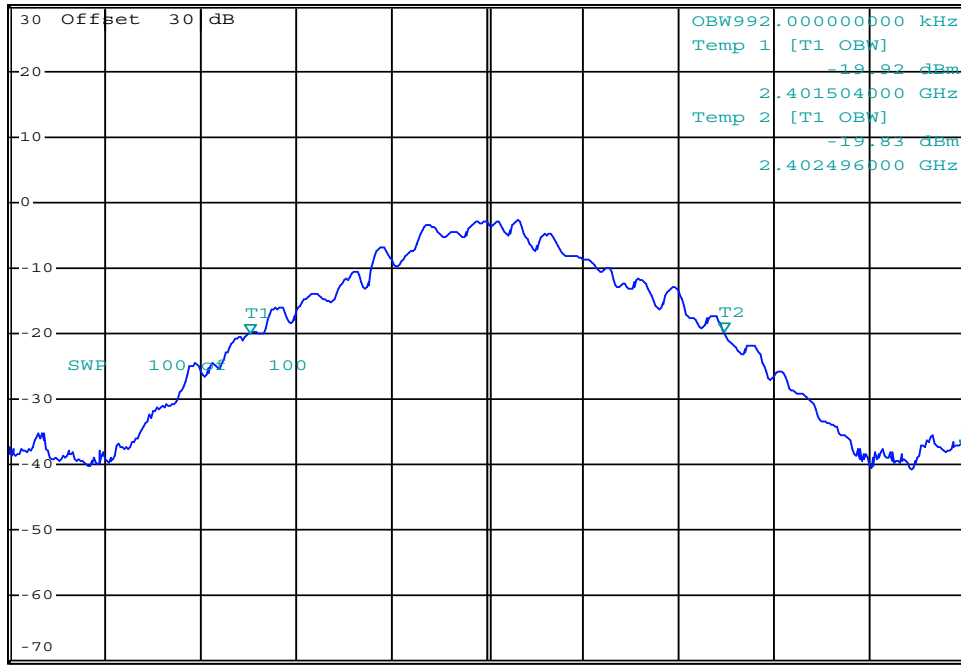
Ref 30 dBm

*Att 10 dB

*SWT 20 ms

2.403000000 GHz

1 PK
VIEW



Center 2.402 GHz

200 kHz/

Span 2 MHz

Date: 26.MAY.2021 14:38:41

Channel Number: 2

Channel Frequency (MHz): 2402

Occupied Bandwidth (MHz): 992.000

Modulation: GFSK

Bit Rate (Mbps): -

Occupied Bandwidth: BlueTooth



*RBW 30 kHz Marker 1 [T1]
 VBW 100 kHz -37.91 dBm
 *Att 10 dB
 *SWT 20 ms 2.442000000 GHz

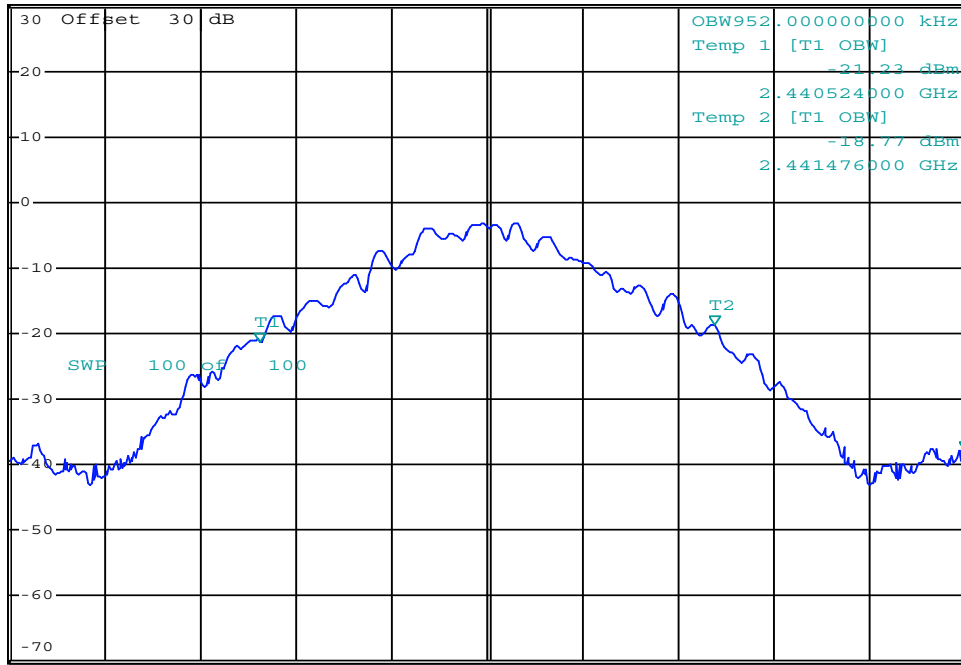
Ref 30 dBm

*Att 10 dB

*SWT 20 ms

2.442000000 GHz

1 PK
VIEW



Center 2.441 GHz

200 kHz/

Span 2 MHz

Date: 26.MAY.2021 14:37:08

Channel Number: 41

Channel Frequency (MHz): 2441

Occupied Bandwidth (MHz): 0.952

Modulation: GFSK

Bit Rate (Mbps): -

Occupied Bandwidth: BlueTooth

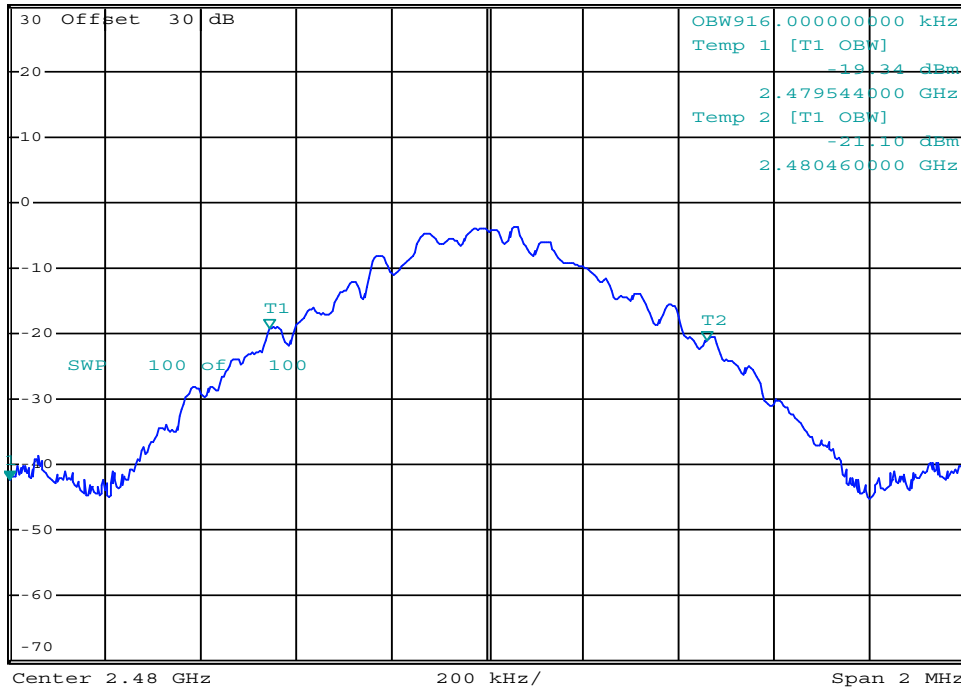


*RBW 30 kHz Marker 1 [T1]
 VBW 100 kHz -42.35 dBm
 *SWT 20 ms 2.479000000 GHz

Ref 30 dBm

*Att 10 dB

1 PK
VIEW



Date: 26.MAY.2021 14:39:16

Channel Number: 80	Channel Frequency (MHz): 2480	Occupied Bandwidth (MHz): 0.916
Modulation: GFSK	Bit Rate (Mbps): -	

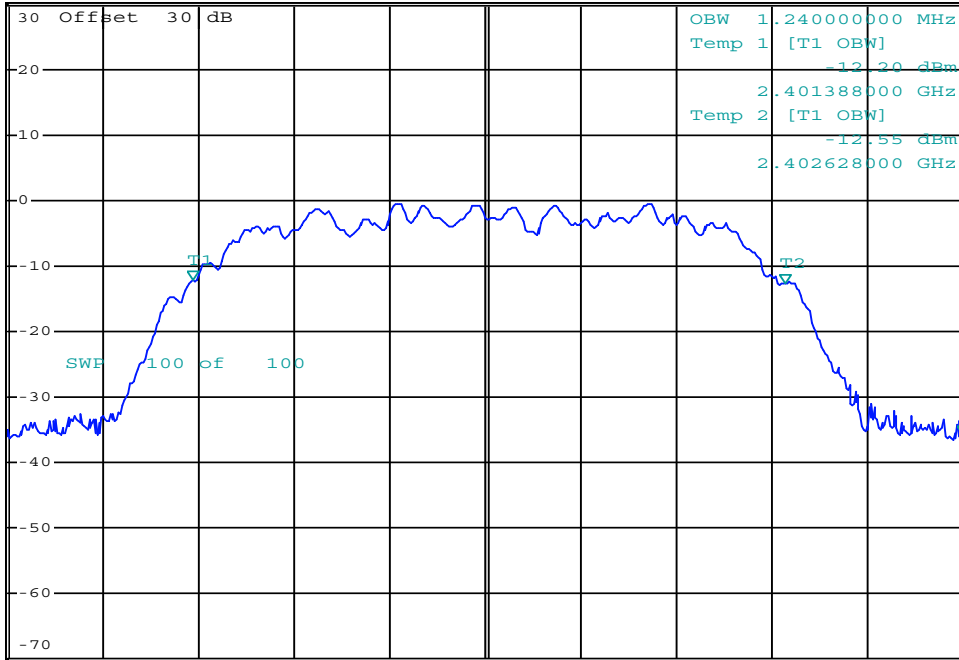
Occupied Bandwidth: BlueTooth



*RBW 30 kHz Marker 1 [T1]
 VBW 100 kHz -35.80 dBm
 *Att 10 dB *SWT 20 ms 2.403000000 GHz

Ref 30 dBm

1 PK
VIEW



Center 2.402 GHz 200 kHz/ Span 2 MHz

Date: 26.MAY.2021 13:21:04

Channel Number: **2**

Channel Frequency (MHz): **2402**

Modulation: P1/4-DQPSK

Bit Rate (Mbps): **2**

Occupied Bandwidth (MHz): **1.24**

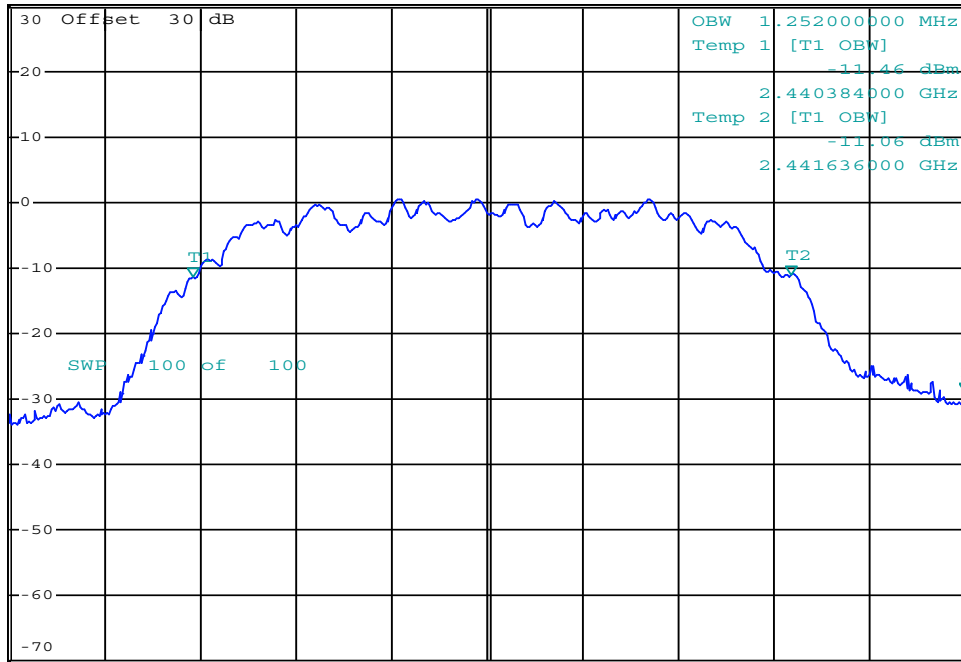
Occupied Bandwidth: BlueTooth



*RBW 30 kHz Marker 1 [T1]
 VBW 100 kHz -28.94 dBm
 *Att 10 dB *SWT 20 ms 2.442000000 GHz

Ref 30 dBm

1 PK
VIEW



Center 2.441 GHz

200 kHz/

Span 2 MHz

Date: 26.MAY.2021 13:19:54

Channel Number: **41**

Channel Frequency (MHz): **2441**

Occupied Bandwidth (MHz): **1.25**

Modulation: P1/4-DQPSK

Bit Rate (Mbps): **2**

Occupied Bandwidth: BlueTooth

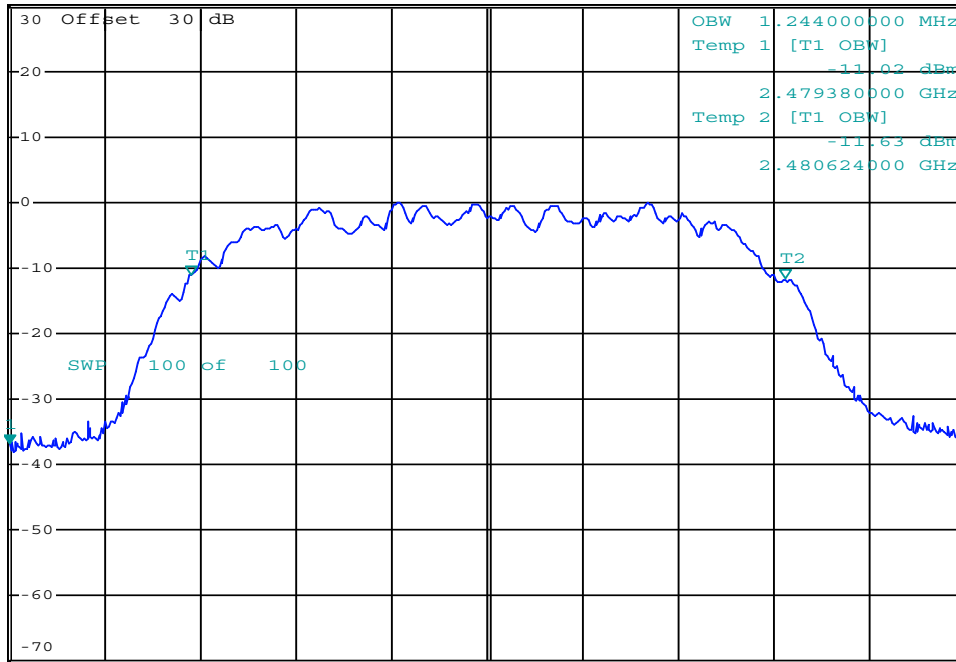


*RBW 30 kHz Marker 1 [T1]
 VBW 100 kHz -36.79 dBm
 *SWT 20 ms 2.479000000 GHz

Ref 30 dBm

*Att 10 dB

1 PK
VIEW



Center 2.48 GHz

200 kHz/

Span 2 MHz

Date: 26.MAY.2021 13:21:53

Channel Number: **80**

Channel Frequency (MHz): **2480**

Occupied Bandwidth (MHz): **1.24**

Modulation: **P1/4-DQPSK**

Bit Rate (Mbps): **2**

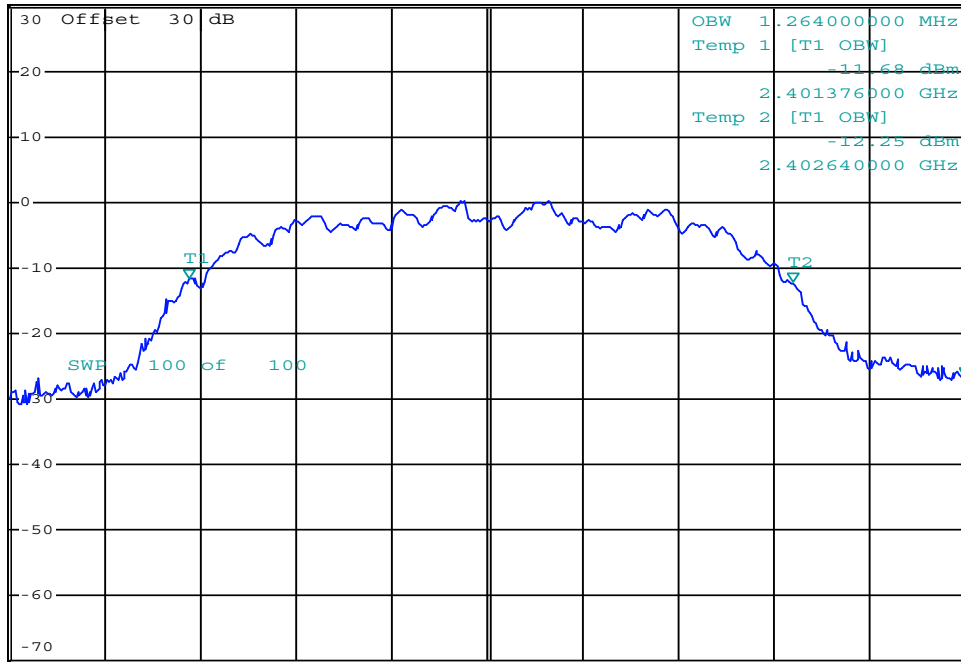
Occupied Bandwidth: BlueTooth



*RBW 30 kHz Marker 1 [T1]
 VBW 100 kHz -26.45 dBm
 *Att 10 dB *SWT 20 ms 2.403000000 GHz

Ref 30 dBm

1 PK
VIEW



Center 2.402 GHz 200 kHz/ Span 2 MHz

Date: 26.MAY.2021 13:48:16

Channel Number: 2	Channel Frequency (MHz): 2402	Occupied Bandwidth (MHz): 1.26
Modulation: 8-DPSK	Bit Rate (Mbps): 3	

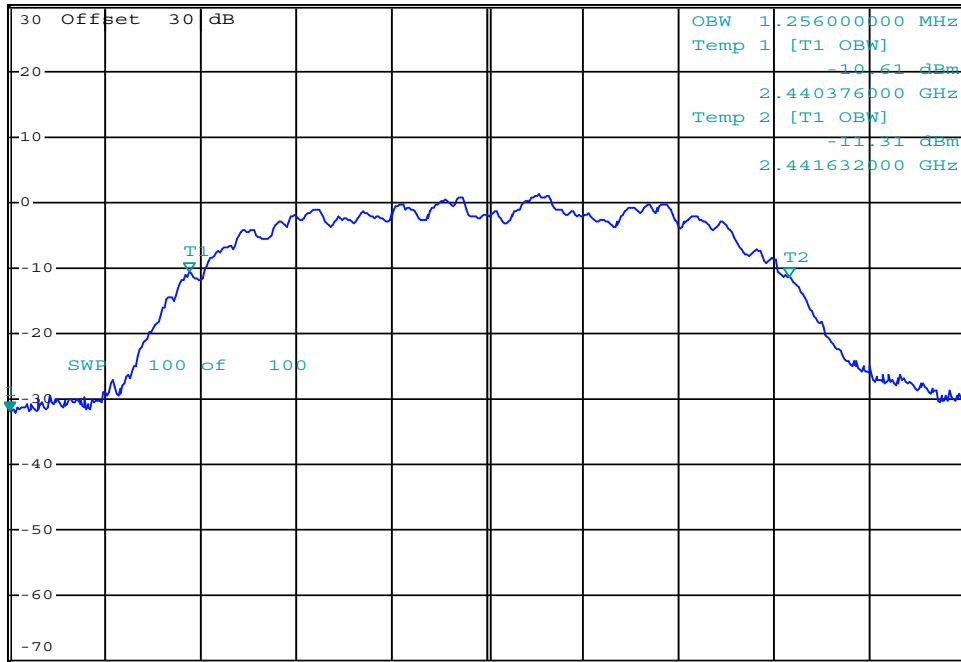
Occupied Bandwidth: BlueTooth



*RBW 30 kHz Marker 1 [T1]
 VBW 100 kHz -31.90 dBm
 *Att 10 dB *SWT 20 ms 2.440000000 GHz

Ref 30 dBm

1 PK
VIEW



Center 2.441 GHz 200 kHz/ Span 2 MHz

Date: 26.MAY.2021 13:49:07

Channel Number: **41**

Channel Frequency (MHz): **2441**

Modulation: **8-DPSK**

Bit Rate (Mbps): **3**

Occupied Bandwidth (MHz): **1.26**

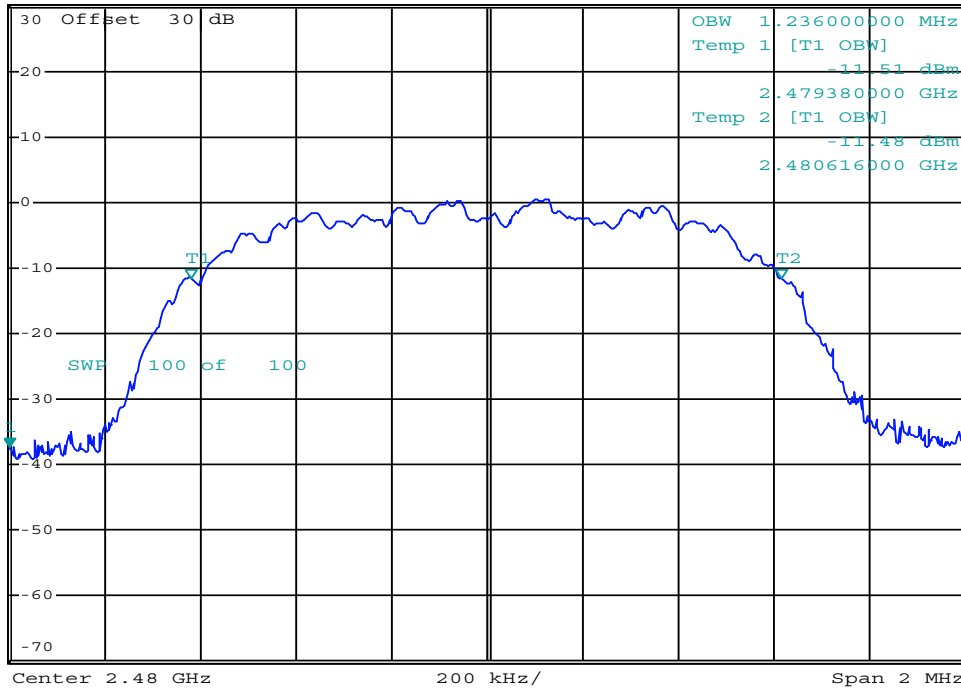
Occupied Bandwidth: BlueTooth



*RBW 30 kHz Marker 1 [T1]
 VBW 100 kHz -37.37 dBm
 *Att 10 dB *SWT 20 ms 2.479000000 GHz

Ref 30 dBm

1 PK
VIEW



Date: 26.MAY.2021 13:44:56

Channel Number: **80**

Channel Frequency (MHz): **2480**

Occupied Bandwidth (MHz): **1.24**

Modulation: **8-DPSK**

Bit Rate (Mbps): **3**

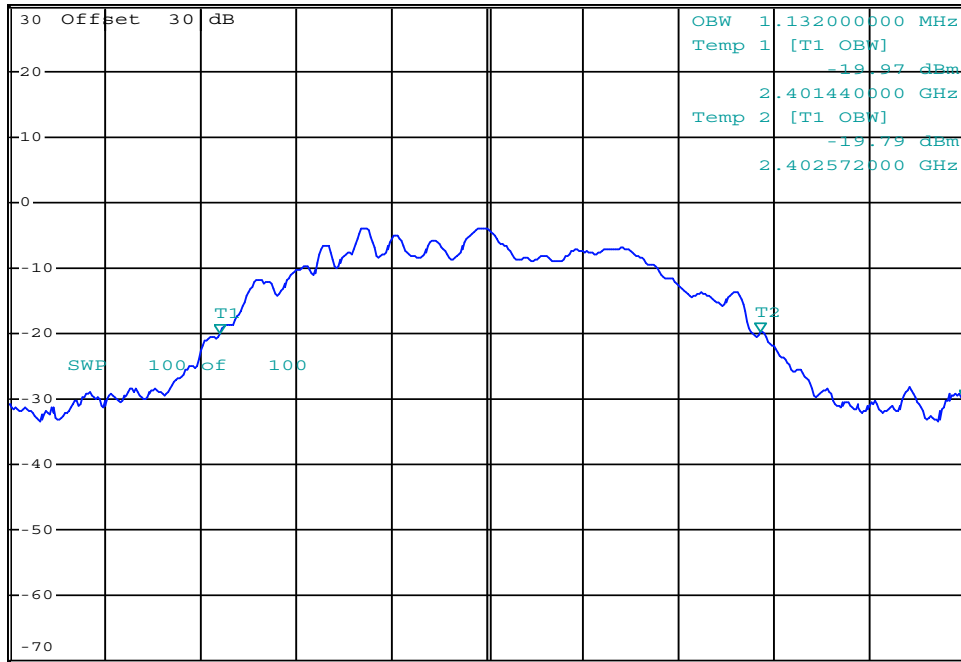
Occupied Bandwidth: BlueTooth



*RBW 30 kHz Marker 1 [T1]
 VBW 100 kHz -29.87 dBm
 *Att 10 dB *SWT 20 ms 2.403000000 GHz

Ref 30 dBm

1 PK
VIEW



Center 2.402 GHz 200 kHz/ Span 2 MHz

Date: 26.MAY.2021 13:52:18

Channel Number: **2**

Channel Frequency (MHz): **2402**

Modulation: **GMSK**

Bit Rate (Mbps): **1**

Occupied Bandwidth (MHz): **1.13**

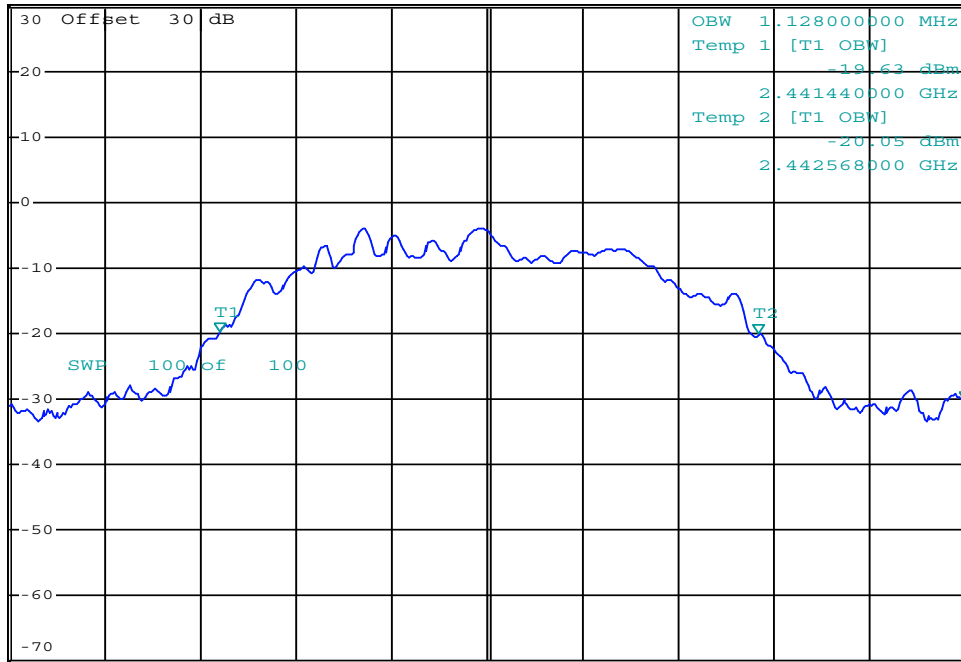
Occupied Bandwidth: BlueTooth



*RBW 30 kHz Marker 1 [T1]
 VBW 100 kHz -30.20 dBm
 *Att 10 dB
 *SWT 20 ms 2.443000000 GHz

Ref 30 dBm

1 PK
VIEW



Center 2.442 GHz 200 kHz/ Span 2 MHz

Date: 26.MAY.2021 14:29:12

Channel Number: 41	Channel Frequency (MHz): 2441	Occupied Bandwidth (MHz): 1.13
Modulation: GMSK	Bit Rate (Mbps): 1	

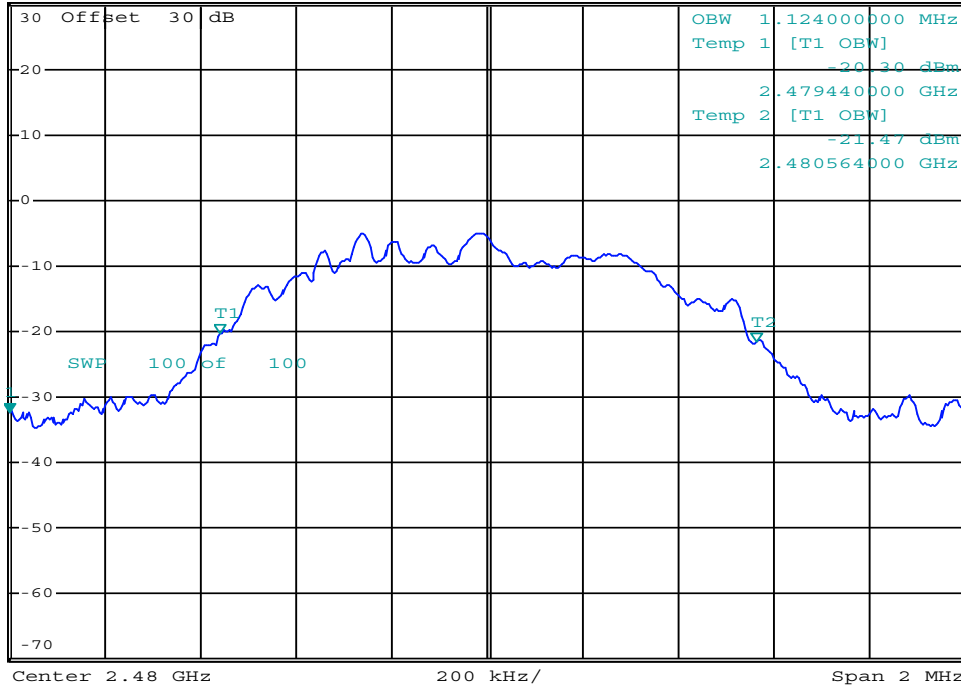
Occupied Bandwidth: BlueTooth



*RBW 30 kHz Marker 1 [T1]
 VBW 100 kHz -32.38 dBm
 *Att 10 dB
 *SWT 20 ms 2.479000000 GHz

Ref 30 dBm

1 PK
VIEW



Date: 26.MAY.2021 14:26:49

Channel Number: 80	Channel Frequency (MHz): 2480	Occupied Bandwidth (MHz): 1.12
Modulation: GMSK	Bit Rate (Mbps): 1	

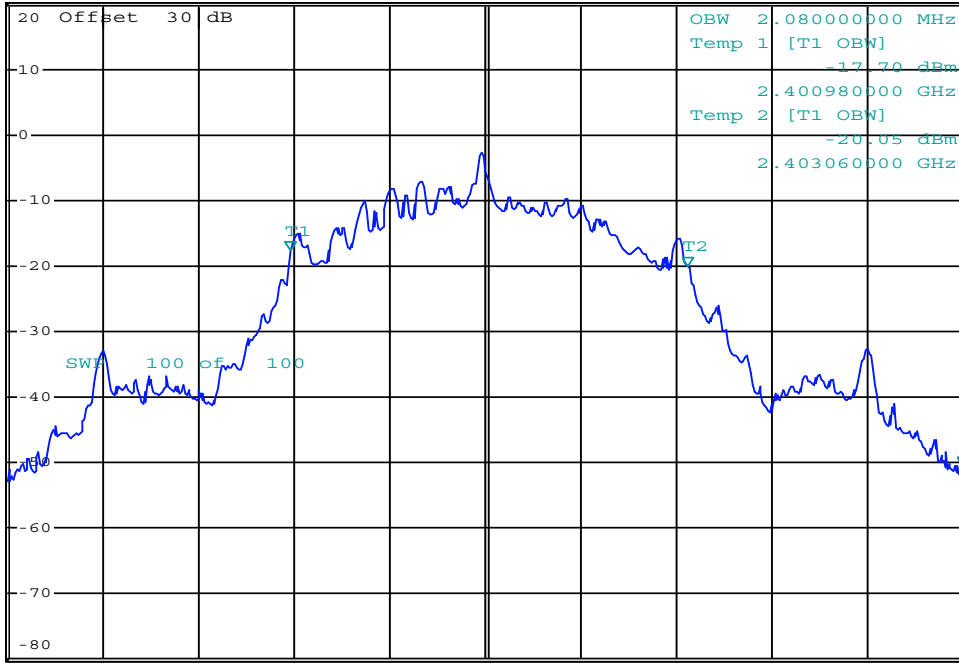
Occupied Bandwidth: BlueTooth



*RBW 30 kHz Marker 1 [T1]
 VBW 100 kHz -50.42 dBm
 *Att 10 dB *SWT 20 ms 2.404500000 GHz

Ref 20 dBm

1 PK
VIEW



Date: 29.MAY.2021 12:21:04

Channel Number: **2**

Channel Frequency (MHz): **2402**

Modulation: **GMSK**

Bit Rate (Mbps): **2**

Occupied Bandwidth (MHz): **2.08**

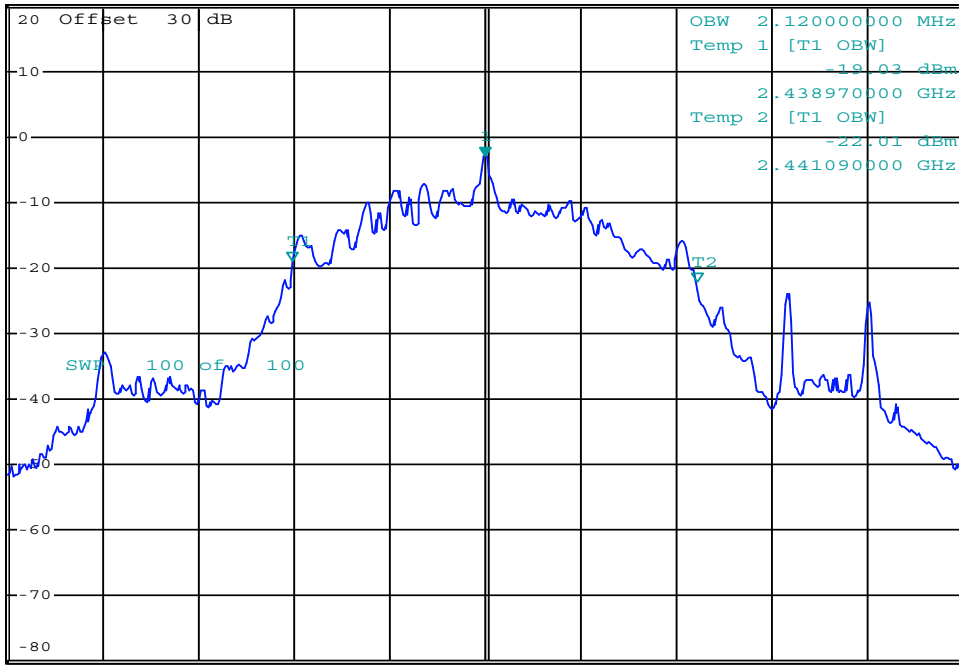
Occupied Bandwidth: BlueTooth



*RBW 30 kHz Marker 1 [T1]
 VBW 100 kHz -2.85 dBm
 *Att 10 dB *SWT 20 ms 2.439980000 GHz

Ref 20 dBm

1 PK
VIEW



Center 2.43998 GHz 500 kHz/ Span 5 MHz

Date: 29.MAY.2021 12:19:11

Channel Number: 41	Channel Frequency (MHz): 2441	Occupied Bandwidth (MHz): 2.12
Modulation: GMSK	Bit Rate (Mbps): 2	

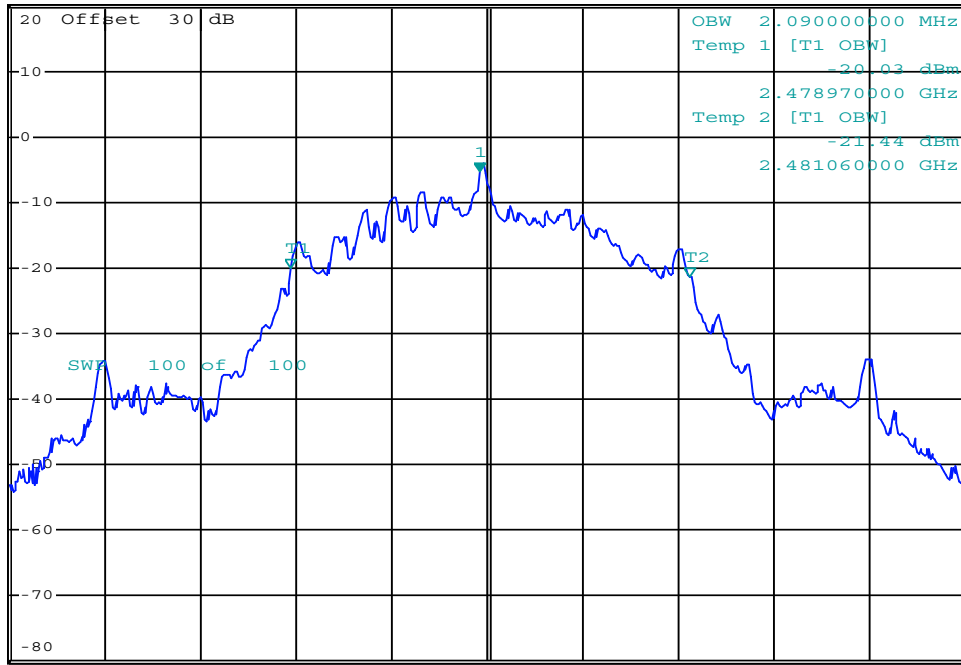
Occupied Bandwidth: BlueTooth



*RBW 30 kHz Marker 1 [T1]
 VBW 100 kHz -5.24 dBm
 *Att 10 dB *SWT 20 ms 2.479960000 GHz

Ref 20 dBm

1 PK
VIEW



Center 2.48 GHz 500 kHz/ Span 5 MHz

Date: 29.MAY.2021 12:17:14

Channel Number: 80	Channel Frequency (MHz): 2480	Occupied Bandwidth (MHz): 2.09
Modulation: GMSK	Bit Rate (Mbps): 2	

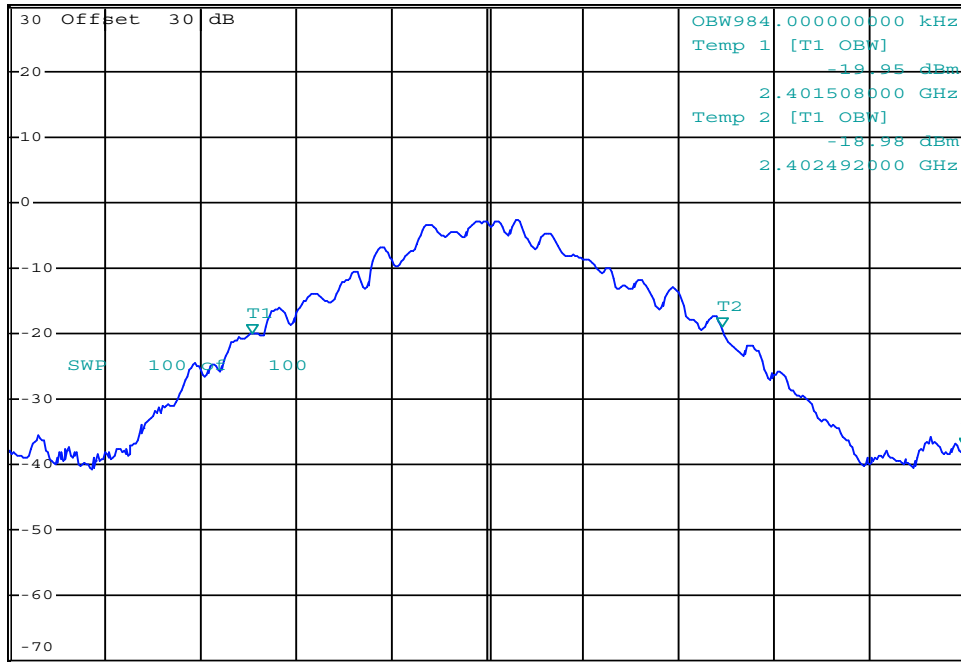
Occupied Bandwidth: BlueTooth



*RBW 30 kHz Marker 1 [T1]
 VBW 100 kHz -37.44 dBm
 *Att 10 dB *SWT 20 ms 2.403000000 GHz

Ref 30 dBm

1 PK
VIEW



Center 2.402 GHz 200 kHz/ Span 2 MHz

Date: 26.MAY.2021 14:31:49

Channel Number: **2**

Channel Frequency (MHz): **2402**

Occupied Bandwidth (MHz): **0.984**

Modulation: **GFSK**

Bit Rate (Mbps): **-**

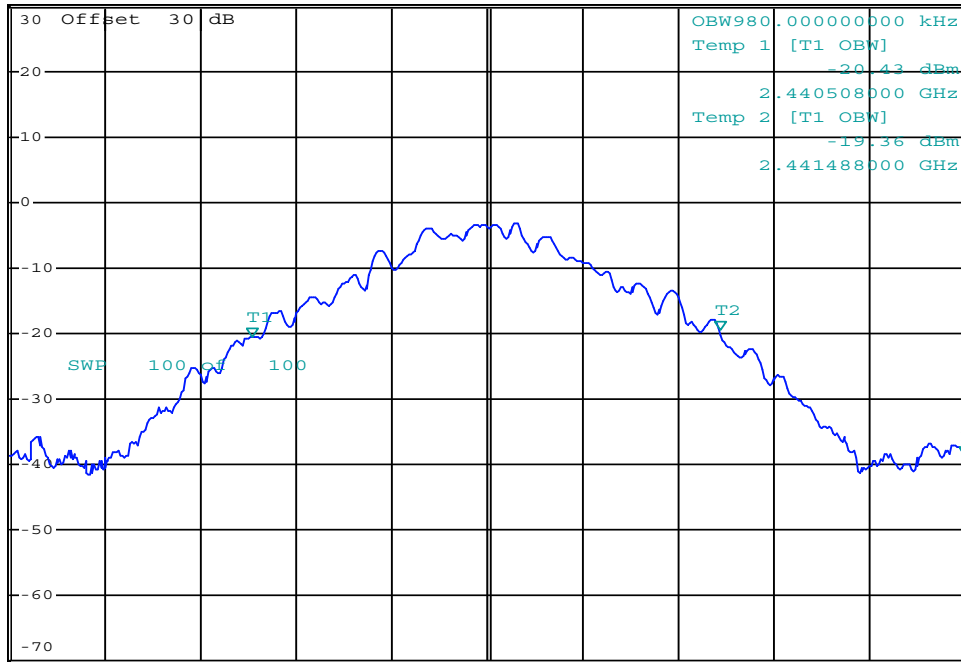
Occupied Bandwidth: BlueTooth



*RBW 30 kHz Marker 1 [T1]
 VBW 100 kHz -38.72 dBm
 *Att 10 dB *SWT 20 ms 2.442000000 GHz

Ref 30 dBm

1 PK
VIEW



Center 2.441 GHz 200 kHz/ Span 2 MHz

Date: 26.MAY.2021 14:34:31

Channel Number: **41**

Channel Frequency (MHz): **2441**

Modulation: **GFSK**

Bit Rate (Mbps): **-**

Occupied Bandwidth (MHz): **0.980**

Occupied Bandwidth: BlueTooth



*RBW 30 kHz Marker 1 [T1]
 VBW 100 kHz -40.62 dBm
 *Att 10 dB
 *SWT 20 ms 2.479000000 GHz

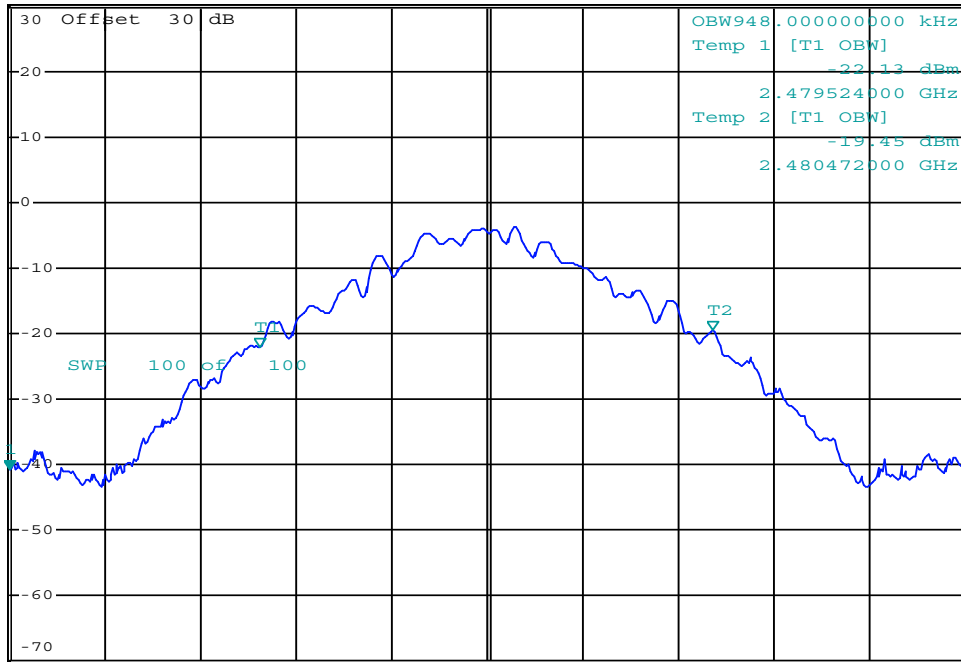
Ref 30 dBm

*Att 10 dB

*SWT 20 ms

2.479000000 GHz

1 PK
VIEW



Center 2.48 GHz

200 kHz/

Span 2 MHz

Date: 26.MAY.2021 14:32:50

Channel Number: **80**

Channel Frequency (MHz): **2480**

Modulation: **GFSK**

Bit Rate (Mbps): **-**

Occupied Bandwidth (MHz): **0.948**

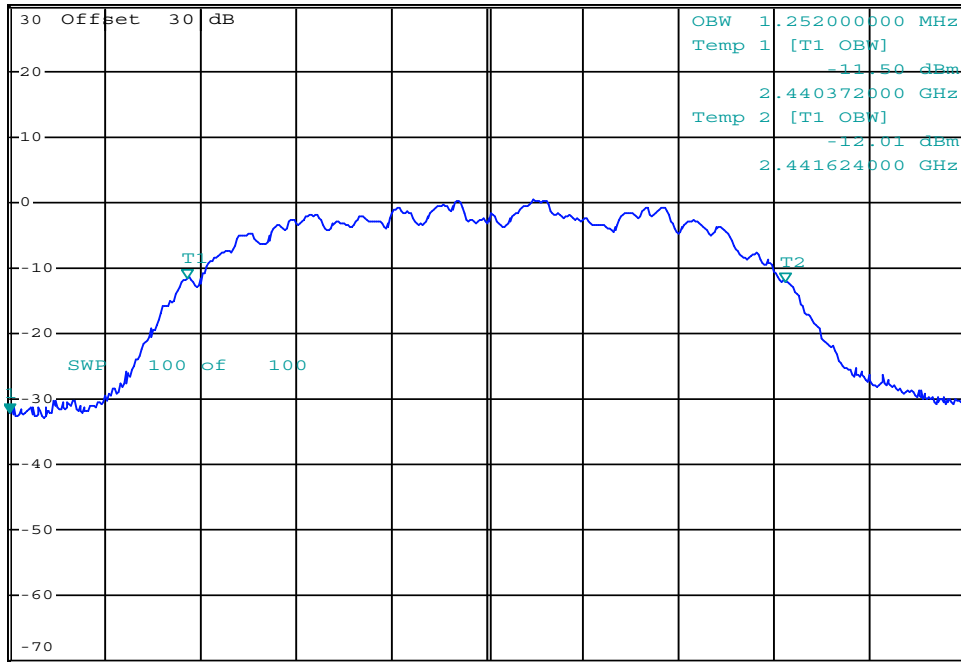
Occupied Bandwidth: BlueTooth



*RBW 30 kHz Marker 1 [T1]
 VBW 100 kHz -32.07 dBm
 *Att 10 dB *SWT 20 ms 2.440000000 GHz

Ref 30 dBm

1 PK
VIEW



Center 2.441 GHz

200 kHz/

Span 2 MHz

Date: 4.JUN.2021 11:36:09

Channel Number: **41**

Channel Frequency (MHz): **2441**

Modulation: **8-GPSK**

Bit Rate (Mbps): **3**

Occupied Bandwidth (MHz): **1.252**

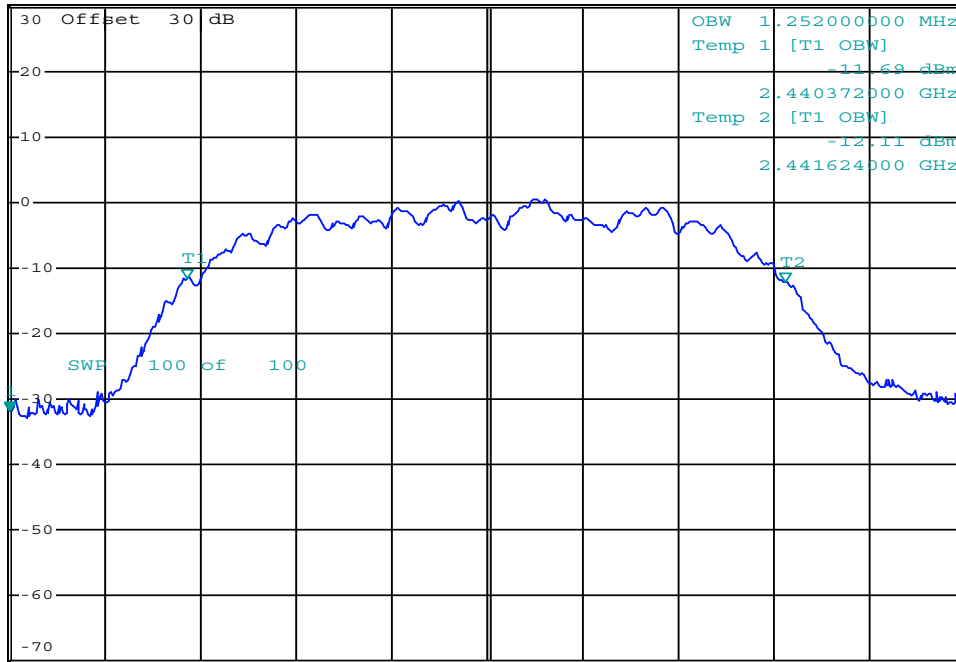
Occupied Bandwidth: BlueTooth



*RBW 30 kHz Marker 1 [T1]
 VBW 100 kHz -31.75 dBm
 *Att 10 dB *SWT 20 ms 2.440000000 GHz

Ref 30 dBm

1 PK
VIEW



Center 2.441 GHz

200 kHz/

Span 2 MHz

Date: 4.JUN.2021 16:36:41

Channel Number: **41**

Channel Frequency (MHz): **2441**

Modulation: **8-GPSK**

Bit Rate (Mbps): **3**

Occupied Bandwidth (MHz): **1.252**

Occupied Bandwidth Measurement Results: BlueTooth						
Mode	Channel Number	Channel Frequency (MHz)	Modulation	Bit Rate (Mbps)	Measured Occupied Bandwidth (Hz)	Emission Designator
ANT	-	13.56	ASK	-	67.000	67HK1D
Result:						Complies

Occupied Bandwidth: BlueTooth

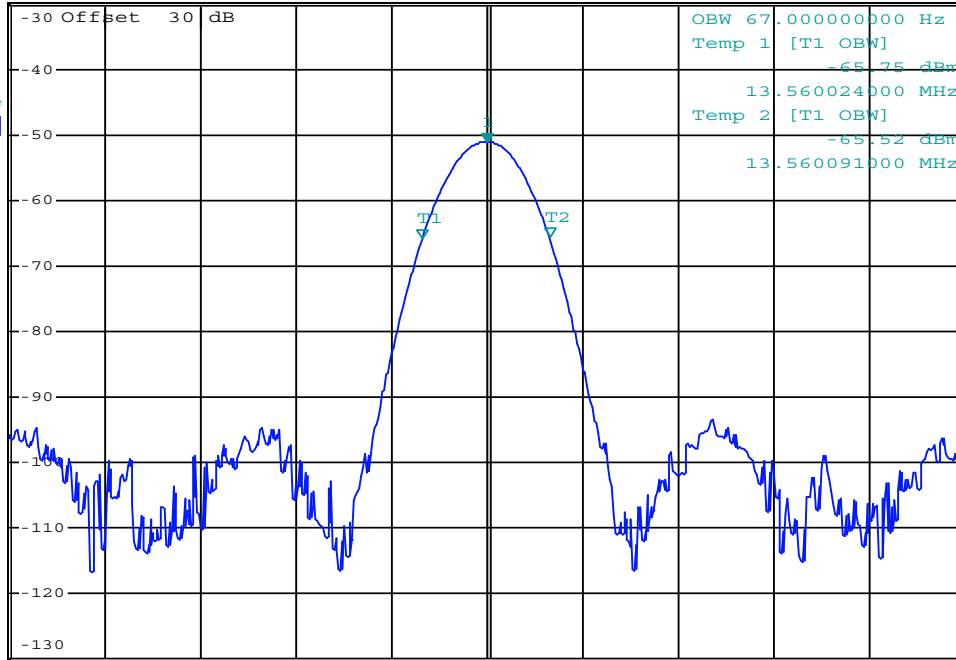


*RBW 30 Hz Marker 1 [T1]
 VBW 100 Hz -51.08 dBm
 *SWT 5 s 13.560058000 MHz

Ref -30 dBm

*Att 0 dB

1 PK*
 CLRWR



Center 13.560058 MHz 50 Hz/ Span 500 Hz

Date: 29.MAY.2021 14:04:28

Channel Number: -

Channel Frequency (MHz): 14

Modulation: ASK

Bit Rate (Mbps): -

Occupied Bandwidth (Hz):

67.000