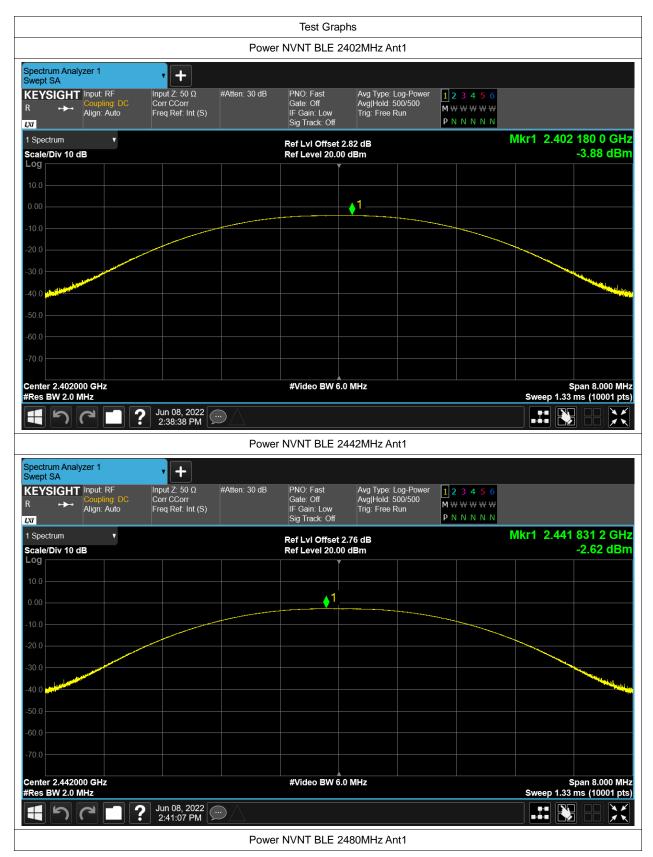


#### Test Data

## **Maximum Conducted Output Power**

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE	2402	Ant1	-3.882	30	Pass
NVNT	BLE	2442	Ant1	-2.625	30	Pass
NVNT	BLE	2480	Ant1	-2.069	30	Pass











## -6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	limit	Verdic
NVNT	BLE	2402	Ant1	0.659	0.5	Pass
NVNT	BLE	2442	Ant1	0.66	0.5	Pass
NVNT	BLE	2480	Ant1	0.663	0.5	Pass







Spectru Occupie	m Analy ed BW	zer 1		•	-							
R R	IGHT ↔	Input: R Coupling Align: A	g: DC	Input Z: 5 Corr CCo Freq Ref	orr	Atten: 30 dB	Trig: Free Run Gate: Off #IF Gain: Low	Center Fre Avg Hold: Radio Std:		łz		
1 Graph		<u> </u>	•				Ref LvI Offset :	2 81 dB			Mkr3 2.4803	32000 GHz
Scale/D	0iv 10.0	dB					Ref Value 22.8					-8.32 dBm
Log 12.8												
2.81						2 ↓1			<u> </u>			
-7.19 -17.2												
-17.2			مسمع									
-37.2			Walker Contraction									
-47.2 -57.2												
-67.2												
Center #Res B					•		#Video BW 300	.00 kHz		· ·	Sweep 1.33	Span 2 MHz ms (10001 pts)
2 Metric	s		•									
		Occi	upied Bar	ndwidth								
				1.0564	MHz				Total Power		3.95 dBm	
			smit Freq			432 Hz			% of OBW Pow	er	99.00 % -6.00 dB	
		X QB	Bandwid	un		662.7 kHz			x dB		-0.00 dB	
				-								
	5	<b>C</b>	2?	Jun 08 2:43:1	2022 7 PM							



# **Occupied Channel Bandwidth**

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	BLE	2402	Ant1	1.03278458
NVNT	BLE	2442	Ant1	1.032976314
NVNT	BLE	2480	Ant1	1.024531873











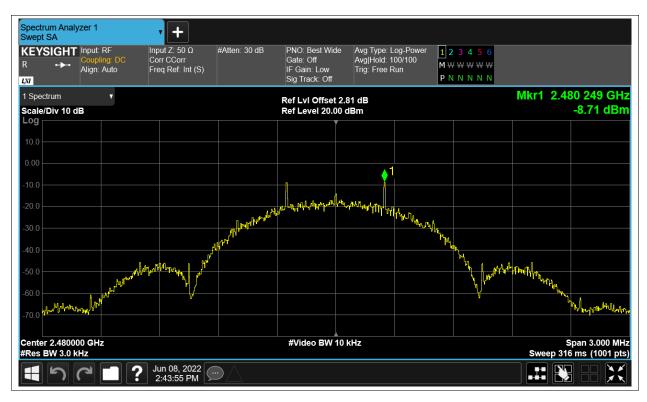
# **Maximum Power Spectral Density Level**

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	BLE	2402	Ant1	-10.316	8	Pass
NVNT	BLE	2442	Ant1	-9.149	8	Pass
NVNT	BLE	2480	Ant1	-8.712	8	Pass











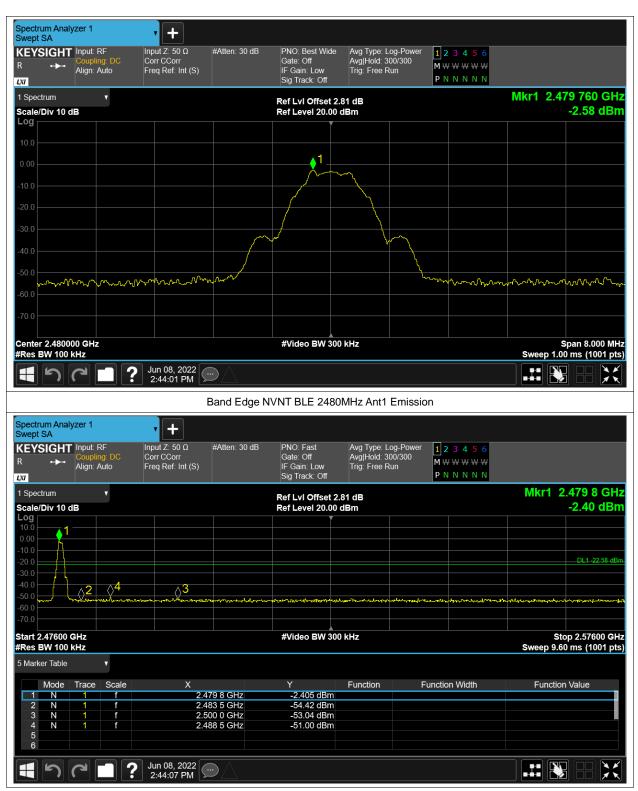
## **Band Edge**

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE	2402	Ant1	-46.81	-20	Pass
NVNT	BLE	2480	Ant1	-48.41	-20	Pass



				Test Graph				
-			Band Edg	ge NVNT BLE 24	02MHz Ant1 Re	ef		
Spectrum Analyz Swept SA		• +						
	Input: RF Coupling: DC Align: Auto	Input Ζ: 50 Ω Corr CCorr Freq Ref: Int (S)	#Atten: 30 dB	PNO: Best Wide Gate: Off IF Gain: Low Sig Track: Off	Avg Type: Log-Pow Avg Hold: 300/300 Trig: Free Run	rer 123456 M₩₩₩₩₩₩ PNNNNN		
1 Spectrum	•			Ref LvI Offset 2.	82 d <b>B</b>		Mkr1 2.401	
Scale/Div 10 de	3			Ref Level 20.00	dBm		-4	.58 dBm
10.0								
0.00				_ <b></b> 1 <u>_</u> _				
-10.0					~			
-20.0								
-30.0								
-40.0				¥		L .		
-50.0	᠕᠂ᠰᠴᢇᢛᠺ᠕᠕	$\sim$	~~~~~			fundant	mmmmm	
-60.0								
-70.0								
Center 2.40200 #Res BW 100 k				#Video BW 300	kHz		Spar Sweep 1.00 ms	1 8.000 MHz s (1001 pts)
<b>4</b> 50		Jun 08, 2022 2:39:38 PM	$\square \land$					
			Band Edge I	NVNT BLE 2402	MHz Ant1 Emis	sion		
Spectrum Analyz	zer 1	• +	-					
Swept SA	Input: RF	Input Z: 50 Ω	#Atten: 30 dB	PNO: Fast	Avg Type: Log-Pow	rer 123456		
R →→→ 1,\\1	Coupling: DC Align: Auto	Corr CCorr Freq Ref: Int (S)		Gate: Off IF Gain: Low Sig Track: Off	Avg Hold: 300/300 Trig: Free Run	M		
1 Spectrum Scale/Div 10 d	T			Ref LvI Offset 2. Ref Level 20.00			Mkr1 2.40	2 0 GHz .71 dBm
Log	• 			Kei Level 20.00				
0.00								<b>≬</b> 1
-20.0								DL1-24.58 dBm
-40.0					Q4		3	_ ⊘2 \
-60.0	allownon an ama	, and the section of	مرد میرد. م <sub>ا</sub> در ب	university and an and a second	ĨĨijġĬĮĨĸ╍ĸĨ <sup>ĸ</sup> ĬŀĿŧĸĸſĸIJĬ <sup>ĸ</sup> ĬĸġŧĸſĸŊĬ <sup>ĸ</sup> ĸĸ	⋳ <i>⋳⋎⋪</i> ∽ <b>⋎⋼</b> ⋠ <sub>⋎</sub> ∼৻⋈⋳ <mark>⋽</mark> ⋹∊⋫⋎⋬⋻⋎⋈⋪⋝⋼⋹⋓⋎⋎⊸⋹⋎⋪⋐∊	Jane - The Contract of the Con	hav var
Start 2.30600 G				#Video BW 300	kHz			.40600 GHz
#Res BW 100 k 5 Marker Table	HZ T						Sweep 9.60 m	s (1001 pts)
	Trace Scale	Х		Y	Function	Function Width	Function Va	lue
1 N 2 N 3 N	1 f 1 f 1 f	2.4	02 0 GHz 00 0 GHz 90 0 GHz	-4.708 dBm -53.47 dBm -55.17 dBm				
4 N 5	1 f		68 8 GHz	-51.39 dBm				
		Jun 08. 2022						
<b>1</b> 50		Jun 08, 2022 2:39:44 PM						
			Band Edd	e NVNT BLE 24	80MHz Ant1 Re	ef		







# **Conducted RF Spurious Emission**

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE	2402	Ant1	-41.96	-20	Pass
NVNT	BLE	2442	Ant1	-43.49	-20	Pass
NVNT	BLE	2480	Ant1	-43.99	-20	Pass



