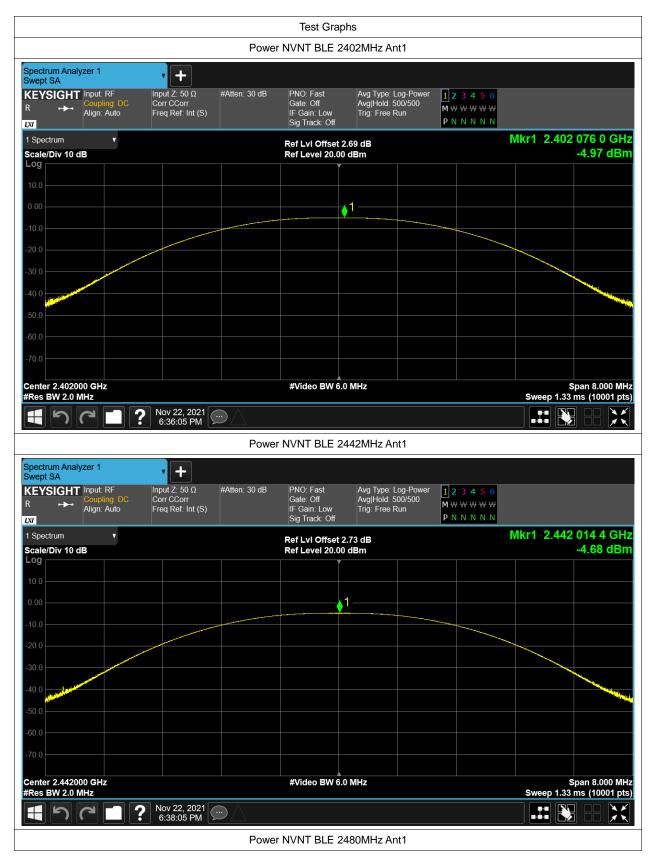


#### Test Data

### **Maximum Conducted Output Power**

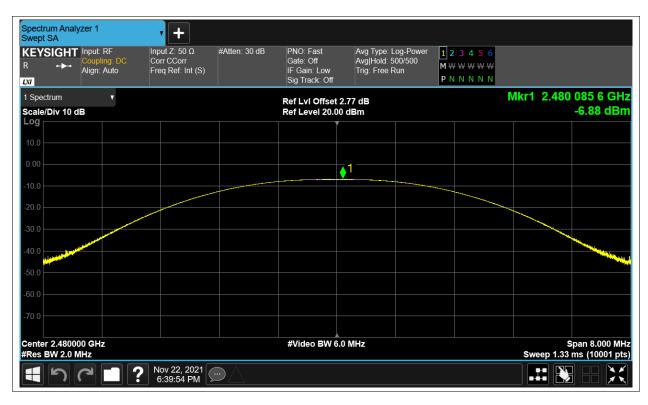
Condition	Mode	Frequency	Antenna	Conducted Power	Duty Factor	Total Power	Limit	Verdict
		(MHz)		(dBm)	(dB)	(dBm)	(dBm)	
NVNT	BLE	2402	Ant1	-4.97	0	-4.97	30	Pass
NVNT	BLE	2442	Ant1	-4.68	0	-4.68	30	Pass
NVNT	BLE	2480	Ant1	-6.876	0	-6.876	30	Pass





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#### -6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	BLE	2402	Ant1	0.658	0.5	Pass
NVNT	BLE	2442	Ant1	0.681	0.5	Pass
NVNT	BLE	2480	Ant1	0.666	0.5	Pass





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Spectr Occup	um Analy ied BW	zer 1	• +						
R R	SIGHT •	Input: RF Coupling: DC Align: Auto	Input Ζ: 50 Ω Corr CCorr Freq Ref: Int (S)	Atten: 30 dB	Trig: Free Run Gate: Off #IF Gain: Low	Center Freq: 2.4800000 Avg Hold: 500/500 Radio Std: None	00 GHz		
1 Grap	h	•			Ref LvI Offset 2.7	77 dB		Mkr3 2.48033	
	'Div 10.0	dB			Ref Value 22.77 o	dBm	- <b>.</b>	-1	2.95 dBm
Log 12.8									
2.77 -7.23					201	3			
-17.2									
-27.2									
-37.2 -47.2									
-57.2	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	- And a start of the start of t							~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
-67.2									
	r 2.48000 3W 100.0				#Video BW 300.0	0 kHz		Sweep 1.33 m	Span 3 MHz
2 Metri								Sweep 1.55 II	is (10001 pis)
2 Meur	LS .								
		Occupied E	3andwidth 1.0562 MHz			Total Powe	or	-0.66 dBm	
		Transmit F		1.798 kHz		% of OBW		-0.00 dBm 99.00 %	
		x dB Band		665.9 kHz		x dB	Power	-6.00 dB	
	5		<b>?</b> Nov 22, 2021 6:40:10 PM						



# **Occupied Channel Bandwidth**

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	BLE	2402	Ant1	1.019794361
NVNT	BLE	2442	Ant1	1.029414077
NVNT	BLE	2480	Ant1	1.028093939





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	um Analy ied BW	zer 1		• +										
R R	SIGHT ↔	Input: F Couplir Align: A	ng: DC	Input Ζ: 50 Ω Corr CCorr Freq Ref: Int (S)	Atter	n: 30 dB	Trig: Free Run Gate: Off #IF Gain: Low	Avg	er Freq: Hold: 10 o Std: N		00 GH	z		
1 Grap	h		v				Ref LvI Offset	2.77 dB						
	Div 10.0	dB					Ref Value 22.7	77 dBm						
Log 12.8														
2.77														
-7.23 -								~~~~~~						
-17.2					+	m			~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	~~~~~				
-27.2 - -37.2 -					~~~~						~~~	1		
-47.2				~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~									mm non a	
-57.2	0.000	ww	and the second second											man
-67.2	<i>µ</i>													
	r 2.48000						#Video BW 10	0.00 kHz						Span 3 MHz
#Res	BW 30.00	)0 kHz											Sweep 3.33	ms (10001 pts)
2 Metri	ics		V											
		-												
		Oco	cupied Band	dwidth 1.0281 MHz						Total Powe	ar		-0.25 dBm	
		_												
			nsmit Freq I B Bandwidtl			3 kHz MHz				% of OBW x dB	Powe	er	99.00 % -26.00 dB	
			B Bandwidd		1.270				,				-20.00 dB	
	5		2	Nov 22, 2021 6:40:00 PM		$\Delta$								



# **Maximum Power Spectral Density Level**

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	BLE	2402	Ant1	-11.512	8	Pass
NVNT	BLE	2442	Ant1	-11.121	8	Pass
NVNT	BLE	2480	Ant1	-13.308	8	Pass





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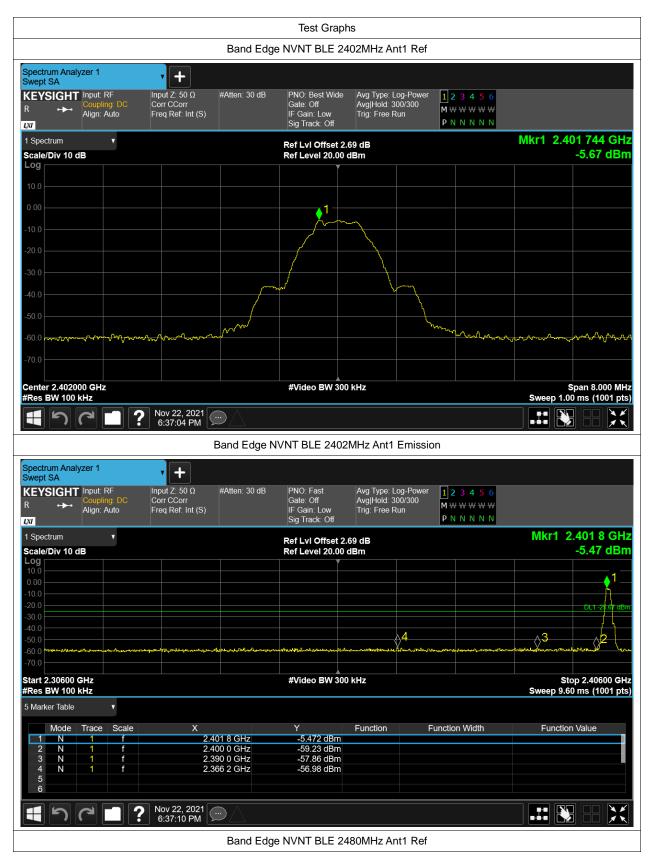




#### **Band Edge**

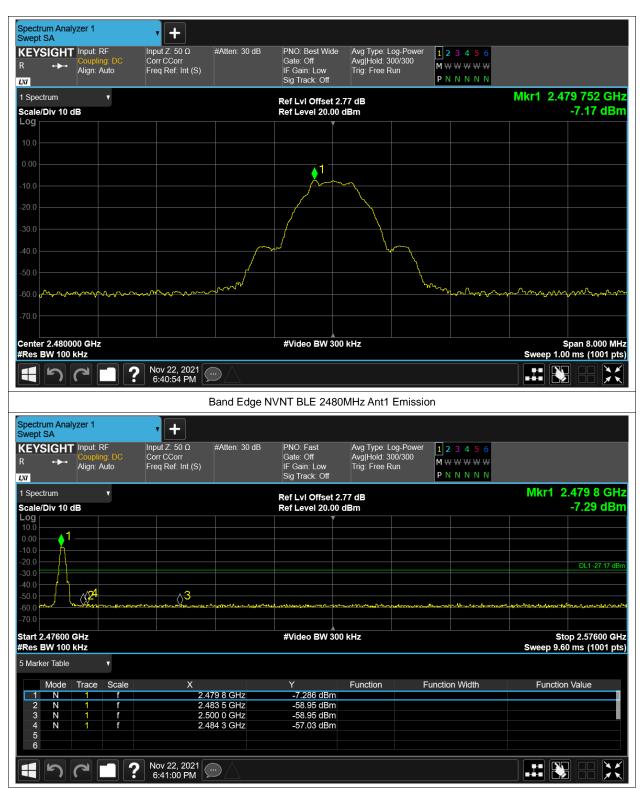
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE	2402	Ant1	-51.31	-20	Pass
NVNT	BLE	2480	Ant1	-49.86	-20	Pass





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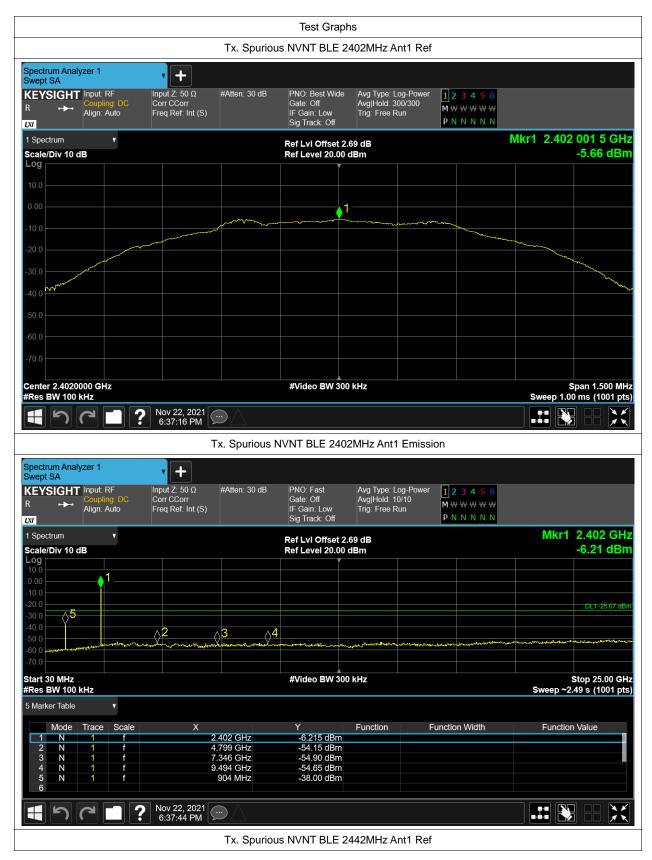




# **Conducted RF Spurious Emission**

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE	2402	Ant1	-32.34	-20	Pass
NVNT	BLE	2442	Ant1	-30.91	-20	Pass
NVNT	BLE	2480	Ant1	-28.87	-20	Pass





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