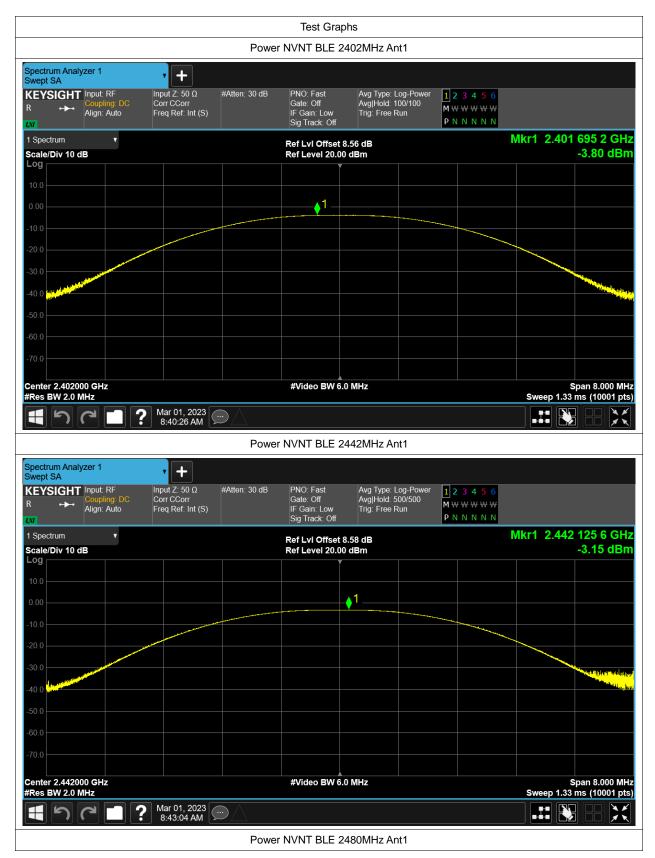


Test Data

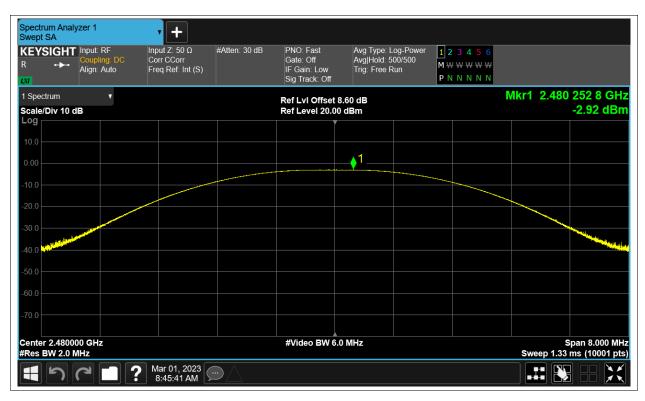
Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE	2402	Ant1	-3.804	30	Pass
NVNT	BLE	2442	Ant1	-3.153	30	Pass
NVNT	BLE	2480	Ant1	-2.921	30	Pass











-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	limit	Verdic
NVNT	BLE	2402	Ant1	0.684	0.5	Pass
NVNT	BLE	2442	Ant1	0.682	0.5	Pass
NVNT	BLE	2480	Ant1	0.682	0.5	Pass







Spectrum	BW			┥							
R R		Input: RF Coupling Align: Au	: DC	Input Z: Corr CC Freq Re	orr	Atten: 30 dB	Trig: Free Rur Gate: Off #IF Gain: Low	Avg Hold:	eq: 2.480000000 GHz 1000/1000 : None		
1 Graph	_	,	/				Ref LvI Offse	t.8.60 dB		Mkr3 2.4803	
Scale/Di	v 10.0	dB					Ref Value 28.			-	12.60 dBm
18.6											
8.60								1			
-1.40						<u>2</u>		· · · · · · · · · · · · · · · · · · ·	3		
-11.4				_							
-31.4										- mm	
-41.4			-								
-61.4											
Center 2 #Res BW							#Video BW 30	0.00 kHz		Sweep 1.33	Span 2 MHz ms (10001 pts)
2 Metrics		,	7								
		Occu	pied Band	width							
		0000		1.0605	MHz				Total Power	-0.01 dBm	
			smit Freq			-5.222 kHz			% of OBW Power	99.00 %	
		x dB	Bandwidt	h		682.4 kHz			x dB	-6.00 dB	
	า (]?	Mar 01 8:46:2	, 2023 24 AM						



Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	BLE	2402	Ant1	1.057
NVNT	BLE	2442	Ant1	1.057
NVNT	BLE	2480	Ant1	1.057











Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	BLE	2402	Ant1	-10.182	8	Pass
NVNT	BLE	2442	Ant1	-9.583	8	Pass
NVNT	BLE	2480	Ant1	-9.297	8	Pass











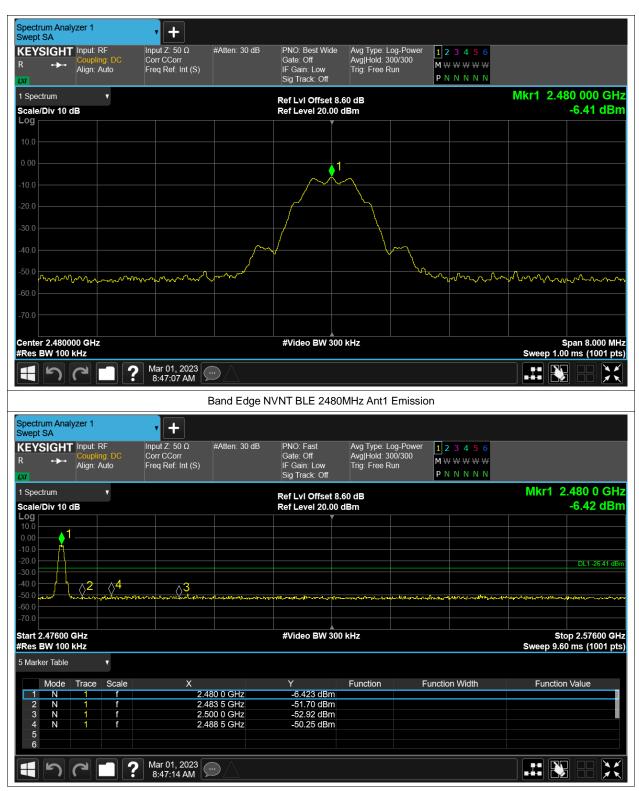
Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE	2402	Ant1	-42	-20	Pass
NVNT	BLE	2480	Ant1	-43.84	-20	Pass



				Test Graph	IS		
			Band Edg	e NVNT BLE 24	02MHz Ant1 Re	əf	
Spectrum Ana Swept SA	alyzer 1	• +					
KEYSIGH	Coupling: DC	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		
1 Spectrum				Ref LvI Offset 8.			Mkr1 2.402 000 GHz -7.31 dBm
Scale/Div 10	aB			Ref Level 20.00	abm		
10.0							
0.00				1			
-10.0							
-20.0							
-30.0							
-40.0			\square	Ý	- Vm		
-50.0	Mungun	and a physical	Manna			Mar March	man man
-70.0							
Center 2.402 #Res BW 100				#Video BW 300	kHz		Span 8.000 MHz Sweep 1.00 ms (1001 pts)
1		Mar 01, 2023 8:41:43 AM	\Box				
			Band Edge I	NVNT BLE 2402	MHz Ant1 Emis	sion	
Spectrum Ana Swept SA	alyzer 1	• +					
KEYSIGH	T Input: RF Coupling: DC	Input Z: 50 Ω Corr CCorr	#Atten: 30 dB	PNO: Fast Gate: Off	Avg Type: Log-Pow Avg Hold: 300/300		
R ↔→•	Align: Auto	Freq Ref: Int (S)		IF Gain: Low Sig Track: Off	Trig: Free Run	M ₩ ₩ ₩ ₩ ₩ P N N N N N	
1 Spectrum	T			Ref LvI Offset 8.			Mkr1 2.402 0 GHz -7.31 dBm
Scale/Div 10 Log 10.0				Ref Level 20.00			
0.00							1
-20.0							DL1 -27.31 dBm
-40.0		herneturgentu	4.Jarrahlle. Maranakar	mar all and the second second second			
-60.0	Charlenone, death (John Insertief) C		The second s				
Start 2.30600				#Video BW 300	kHz		Stop 2.40600 GHz
Start 2.30600 #Res BW 100 5 Marker Table	0 kHz			#Video BW 300	kHz		Stop 2.40600 GHz Sweep 9.60 ms (1001 pts)
#Res BW 100 5 Marker Table Mode	D kHz	X		Y	kHz Function	Function Width	
#Res BW 100 5 Marker Table Mode 1 N 2 N	0 kHz Trace Trace 1 1	2.4 2.4	102 0 GHz 100 0 GHz 100 0 GHz	Y -7.314 dBm -53.59 dBm		Function Width	Sweep 9.60 ms (1001 pts)
#Res BW 100 5 Marker Table Mode	KHz Trace Scale 1	2.4 2.4 2.3		Y -7.314 dBm		Function Width	Sweep 9.60 ms (1001 pts)
#Res BW 100 5 Marker Table Mode 1 N 2 N 3 N 4 N 5 6	D kHz Trace Scale 1 f 1 f 1 f 1 f	2.4 2.4 2.3 2.3	100 0 GHz 390 0 GHz	Y -7.314 dBm -53.59 dBm -53.27 dBm		Function Width	Sweep 9.60 ms (1001 pts)
#Res BW 100 5 Marker Table Mode 1 N 2 N 3 N 4 N 5	D kHz Trace Scale 1 f 1 f 1 f 1 f	2.4 2.4 2.3 2.3	100 0 GHz 390 0 GHz	Y -7.314 dBm -53.59 dBm -53.27 dBm		Function Width	Sweep 9.60 ms (1001 pts)







Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE	2402	Ant1	-36.07	-20	Pass
NVNT	BLE	2442	Ant1	-37.45	-20	Pass
NVNT	BLE	2480	Ant1	-37.92	-20	Pass











