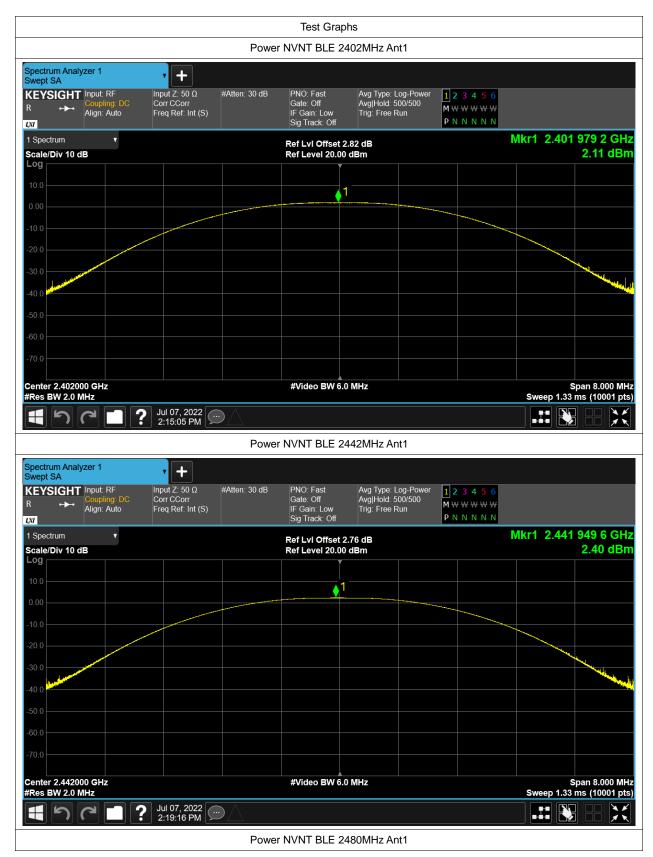


Test Data

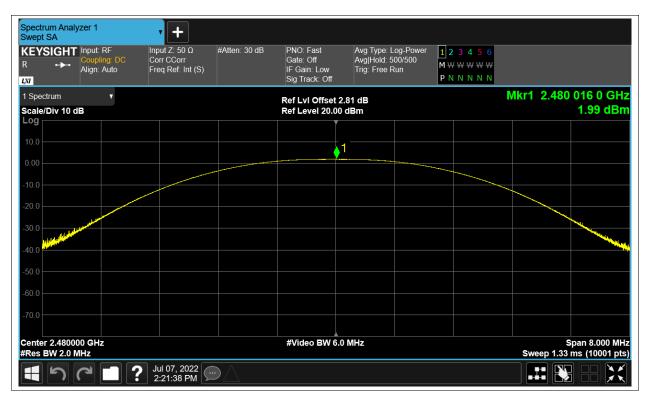
Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE	2402	Ant1	2.114	30	Pass
NVNT	BLE	2442	Ant1	2.397	30	Pass
NVNT	BLE	2480	Ant1	1.989	30	Pass











-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	limit	Verdic
NVNT	BLE	2402	Ant1	0.664	0.5	Pass
NVNT	BLE	2442	Ant1	0.662	0.5	Pass
NVNT	BLE	2480	Ant1	0.661	0.5	Pass







Spectrum Ana Occupied BW	1	• +					
	Coupling: DC	Input Ζ: 50 Ω Corr CCorr Freq Ref: Int (S)	Atten: 30 dB	Trig: Free Run Gate: Off #IF Gain: Low	Center Freq: 2.480000000 G Avg Hold: 500/500 Radio Std: None	SHz	
1 Graph				Ref LvI Offset 2		Mkr3 2.4803	
Scale/Div 10.	.0 dB			Ref Value 22.81	dBm		-3.91 dBm
Log 12.8 2.81			2^{2}		3_		
-7.19 -17.2							
-27.2		<u>کک</u> ک					
-47.2 -57.2 -67.2							
Center 2.480 #Res BW 100				#Video BW 300.0	00 kHz	Sweep 1.33	Span 2 MHz ms (10001 pts)
2 Metrics	v						
	Occupied Ba	andwidth.					
		1.0628 MHz			Total Power	8.22 dBm	
	Transmit Fre x dB Bandwi		-3.539 kHz 660.9 kHz		% of OBW Pov x dB	wer 99.00 % -6.00 dB	
	X ub Bunum		000.0 KH2		xub		
H 5		Jul 07, 2022 2:21:55 PM	\mathbb{D}				



Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	BLE	2402	Ant1	1.044043478
NVNT	BLE	2442	Ant1	1.042029424
NVNT	BLE	2480	Ant1	1.034942882











Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	BLE	2402	Ant1	-4.512	8	Pass
NVNT	BLE	2442	Ant1	-4.022	8	Pass
NVNT	BLE	2480	Ant1	-4.357	8	Pass











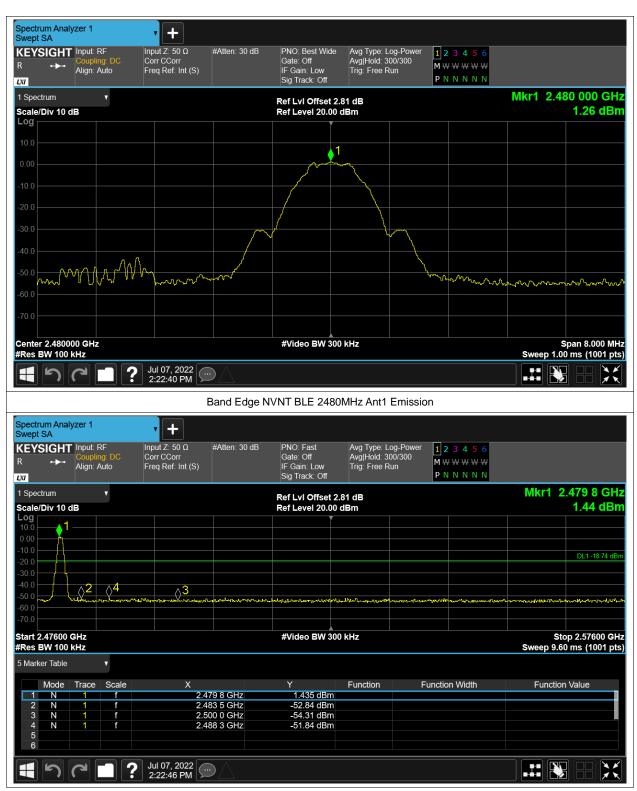
Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE	2402	Ant1	-53	-20	Pass
NVNT	BLE	2480	Ant1	-53.1	-20	Pass



-			Test Graph				
-		Band Edge	e NVNT BLE 24	102MHz Ant1 Ref			
Spectrum Analyzer 1 Swept SA	· · · · ·	-					
R + Align: Au	g: DC Corr CCo	orr	PNO: Best Wide Gate: Off IF Gain: Low Sig Track: Off	Avg Type: Log-Power Avg Hold: 300/300 Trig: Free Run	1 2 3 4 5 6 M \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		
	•		Ref Lvl Offset 2.	82 dB		Mkr1 2.40	
Scale/Div 10 dB			Ref Level 20.00	dBm			1.15 dBm
10.0			<u> </u>				
0.00			└── ़ /-'	~			
-10.0				<u> </u>			
-20.0				<u>_</u>			
-30.0							
-40.0				\			
-50.0	how when	www.www			manhound	an a	m
-60.0							
-70.0							
Center 2.402000 GHz #Res BW 100 kHz			#Video BW 300) kHz			pan 8.000 MHz
	1 Jul 07, 2	2022				Sweep 1.00	ms (1001 pts)
	2:16:11			Mula Anti Emissio			
Spectrum Analyzer 1		_	VINT BLE 2402	MHz Ant1 Emissio	11		
Swept SA	F Input Z: 5		PNO: Fast				
R + Coupling Align: Au	g: DC Corr CCo	orr	Gate: Off IF Gain: Low	Avg Type: Log-Power Avg Hold: 300/300 Trig: Essa Dua	1 2 3 4 5 6 M ₩ ₩ ₩ ₩ ₩		
LXI			Sig Track: Off	Trig: Free Run	PNNNN		
	•		Ref Lvl Offset 2.	82 dB		Mkr1 2.	401 8 GHz
1 Spectrum Scale/Div 10 dB Log	▼ ▼			82 dB		Mkr1 2.	401 8 GHz 1.64 dBm
1 Spectrum Scale/Div 10 dB Log 10.0 0.00			Ref Lvl Offset 2.	82 dB		Mkr1 2.	
1 Spectrum Scale/Div 10 dB Log 10.0 0.00 -10.0 -20.0			Ref Lvl Offset 2.	82 dB		Mkr1 2.	
1 Spectrum Scale/Div 10 dB Log 10.0 -10.0 -20.0 -30.0 -40.0 -44.0			Ref Lvl Offset 2.	82 dB			1.64 dBm
1 Spectrum Scale/Div 10 dB Log 10.0 0.00 -10.0 -20.0 -30.0 -40.0 -50.0 -60.0		Toral for the state of the stat	Ref Lvl Offset 2.	82 dB		Mkr1 2.	1.64 dBm
1 Spectrum Scale/Div 10 dB Log 10.0 -0.0 -10.0 -20.0 -30.0 -40.0 -50.0 -60.0 -70.0			Ref LvI Offset 2. Ref Level 20.00	82 dB dBm		<u>3</u>	1.64 dBm
1 Spectrum Scale/Div 10 dB Log 10.0 -0.0 -20.0 -30.0 -40.0 -50.0 -70.0 Start 2.30600 GHz #Res BW 100 kHz			Ref Lvl Offset 2.	82 dB dBm		3 Sto	1.64 dBm
1 Spectrum Scale/Div 10 dB Log 10.0 0.00 -20.0 -30.0 -30.0 -40.0 -50.0 -60.0 -70.0 Start 2.30600 GHz #Res BW 100 kHz 5 Marker Table	• • • • • • •	for a for a star of the star o	Ref LvI Offset 2. Ref Level 20.00	82 dB dBm		3 Sto Sweep 9.60	1.64 dBm
1 Spectrum Scale/Div 10 dB Log 10.0 -0.0 -20.0 -30.0 -40.0 -50.0 -70.0 -70.0 Start 2.30600 GHz #Res BW 100 kHz 5 Marker Table Mode Trace 1 N 1	T Scale	X 2.401 8 GHz 2.400 0 GHz	Ref LvI Offset 2. Ref Level 20.00 #Video BW 300	82 dB dBm		3 Sto	1.64 dBm
1 Spectrum Scale/Div 10 dB Log 10.0 .0.0 .0.0 .2.0 .30.0 .40.0 .50.0 .60.0 .70.0 Start 2.30600 GHz #Res BW 100 kHz 5 Marker Table Mode Trace 1 N 1 2 N 1 3 N 1 4 N 1	• • • • • • •		Ref LvI Offset 2. Ref Level 20.00	82 dB dBm		3 Sto Sweep 9.60	1.64 dBm
1 Spectrum Scale/Div 10 dB Log 10.0 0.00 -10.0 -20.0 -30.0 -40.0 -50.0 -60.0 -70.0 Start 2.30600 GHz #Res BW 100 kHz 5 Marker Table Mode Trace 1 N 1 2 N 1 3 N 1	v	2.401 8 GHz 2.400 0 GHz 2.390 0 GHz	Ref LvI Offset 2. Ref Level 20.00 #Video BW 300 #Video BW 300	82 dB dBm		3 Sto Sweep 9.60	1.64 dBm
1 Spectrum Scale/Div 10 dB Log 10.0	v	2.401 8 GHz 2.400 0 GHz 2.390 0 GHz 2.312 5 GHz	Ref LvI Offset 2. Ref Level 20.00 #Video BW 300 #Video BW 300	82 dB dBm		3 Sto Sweep 9.60	1.64 dBm







Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE	2402	Ant1	-47.87	-20	Pass
NVNT	BLE	2442	Ant1	-48.88	-20	Pass
NVNT	BLE	2480	Ant1	-49.09	-20	Pass



