

Test Data

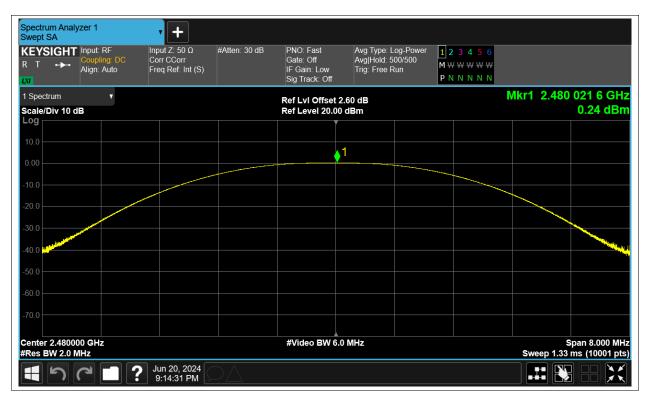
Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE	2402	Ant1	0.656	30	Pass
NVNT	BLE	2442	Ant1	0.555	30	Pass
NVNT	BLE	2480	Ant1	0.245	30	Pass











-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	limit	Verdic
NVNT	BLE	2402	Ant1	0.66	0.5	Pass
NVNT	BLE	2442	Ant1	0.657	0.5	Pass
NVNT	BLE	2480	Ant1	0.655	0.5	Pass







Spectrum An Occupied BV		• +					
KEYSIGH R T ↔	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: 2.48000000 GHz Avg Hold: 1000/1000 Radio Std: None		
1 Graph	▼			Ref LvI Offset 2.		Mkr3 2.4803	
Scale/Div 10	0.0 dB			Ref Value 22.60	dBm		-6.10 dBm
Log 12.6							
2.60				Q'	3		
-7.40							
-17.4							
-27.4							
-37.4							
-57.4							
-67.4							
Center 2.480	0000 GHz	i		#Video BW 300.0	00 kHz		Span 2 MHz
#Res BW 10						Sweep 1.33	ms (10001 pts)
2 Metrics	•						
	Occupied Ba						
		1.0368 MHz			Total Power	6.79 dBm	
	Transmit Fre		-18.323 kHz		% of OBW Power		
	x dB Bandw	idth	655.4 kHz		x dB	-6.00 dB	
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Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	BLE	2402	Ant1	1.027
NVNT	BLE	2442	Ant1	1.028
NVNT	BLE	2480	Ant1	1.028







Spectr Occup	um Analy ied BW	zer 1		• +										
KEY: R T	SIGHT .≁	Input: F Couplir Align: A	ing: DC	Input Ζ: 50 Ω Corr CCorr Freq Ref: Int (S)		n: 30 dB	Trig: Free Run Gate: Off #IF Gain: Low	Ave	enter Freq g Hold: 10 adio Std: N)00 GH	łz		
1 Grap Scale	oh /Div 10.0	dB	T				Ref LvI Offset Ref Value 22.6							
Log 12.6														
12.6 2.60														
-7.40								~~~~	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~					
-17.4											~~			
-27.4												5	~	
-47.4	- mar	~~~~										V		m
-57.4	~~~~													
-67.4							وعمالي							
	r 2.48000 BW 30.00						#Video BW 91	.000 kH	z				Sweep 3.33	Span 3 MHz ms (10001 pts)
2 Metr	ics		•											
		00	cupied Ban	dwidth										
			cupied ban	1.0275 MHz						Total Pow	er		7.21 dBm	
		Tra	ansmit Freq	Error	-14.254	4 kHz				% of OBW	V Pow	er	99.00 %	
		x d	IB Bandwidt	th 👘	1.253	MHz				x dB			-26.00 dB	
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Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	BLE	2402	Ant1	-14.136	8	Pass
NVNT	BLE	2442	Ant1	-14.267	8	Pass
NVNT	BLE	2480	Ant1	-14.518	8	Pass







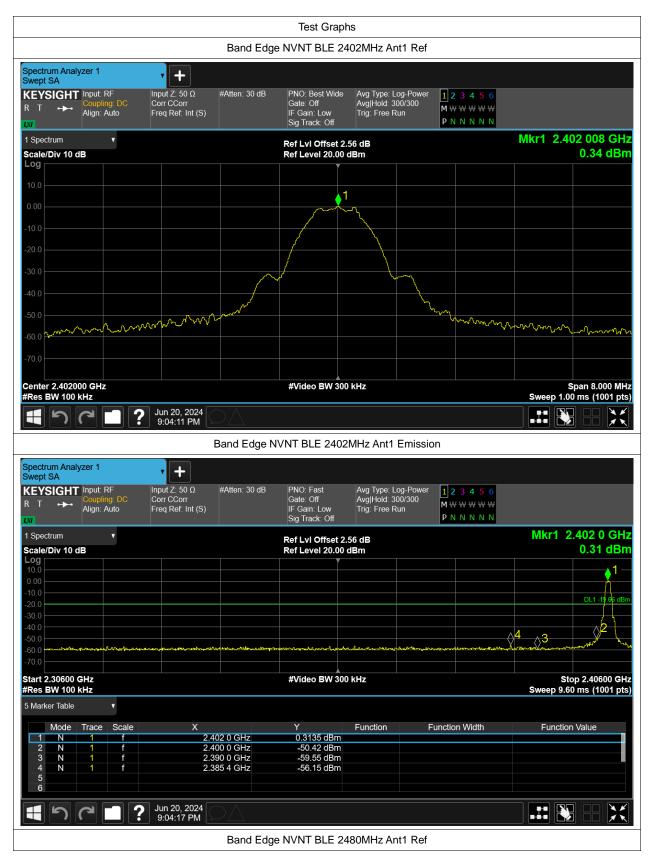




Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE	2402	Ant1	-56.49	-20	Pass
NVNT	BLE	2480	Ant1	-54.69	-20	Pass











Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE	2402	Ant1	-37.72	-20	Pass
NVNT	BLE	2442	Ant1	-38.85	-20	Pass
NVNT	BLE	2480	Ant1	-40.42	-20	Pass











