

Test Data

Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE	2402	Ant1	9.389	30	Pass
NVNT	BLE	2442	Ant1	9.144	30	Pass
NVNT	BLE	2480	Ant1	8.753	30	Pass











-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	limit	Verdic
NVNT	BLE	2402	Ant1	0.637	0.5	Pass
NVNT	BLE	2442	Ant1	0.637	0.5	Pass
NVNT	BLE	2480	Ant1	0.635	0.5	Pass







	um Analı ied BW	yzer 1		•	•						
R R	SIGHT ++-	Input: R Couplin Align: C	ig: DC	Input Z: 5 Corr CCo Freq Ref:		Atten: 30 dB	Trig: Free Run Gate: Off #IF Gain: Low		eq: 2.480000000 GHz 1000/1000 I: None		
1 Grap	h	<u>. </u>	•				Ref LvI Offsei	8 60 dB		Mkr3 2.4803	13000 GHz
	Div 10.0	dB					Ref Value 28.				-5.11 dBm
Log 18.6											
8.60						<u>^2</u>		,1	3		
-1.40											
-11.4											
-31.4											
-41.4											
-61.4											
	r 2.4800 BW 100.				•		#Video BW 30	0.00 kHz		. Sweep 1.33	Span 2 MHz ms (10001 pts)
2 Metri	ics		•								
		000	upied Ba	odwidth							
				1.0377	MHz				Total Power	7.70 dBm	
			nsmit Fred			4.488 kHz			% of OBW Power	99.00 %	
		x dE	3 Bandwid	dth		635.0 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	1.03
NVNT	BLE	2442	Ant1	1.03
NVNT	BLE	2480	Ant1	1.03







Occupi				• +											
R R	SIGHT .≁	Input: F Couplir Align: C	ng: DC	Input Z: 50 Corr CCor Freq Ref:	r	tten: 30 d	В	Trig: Free Run Gate: Off #IF Gain: Low		Center Frec Avg Hold: 1 Radio Std:		00 Gł	Ηz		
1 Grapi			v					Ref LvI Offset	8.60	dB					
	Div 10.0	dB						Ref Value 28.6	60 dE	m					
Log 18.6						- í									
8.60															
-1.40									<u> </u>						
-11.4							\sim	<u>~~~~</u>	<u> </u>						
-21.4						\sim						~			
-31.4			~~~	~~~~~	and the second								~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		
-41.4	~~~~	man	~~~~ <u> </u>												www
-51.4	,														
-61.4												L			
	2.48000							#Video BW 10	0.00	kHz					Span 3 MHz
#Res E	3W 30.00	00 kHz												Sweep 3.33	ms (10001 pts)
2 Metri	CS		V												
		Oco	cupied Ban												
				1.0302	MHz						Total Powe	er		8.13 dBm	
			nsmit Freq			667 kHz					% of OBW	/ Pow	/er	99.00 %	
		x di	B Bandwidt	th	1.2	241 MHz					x dB			-26.00 dB	
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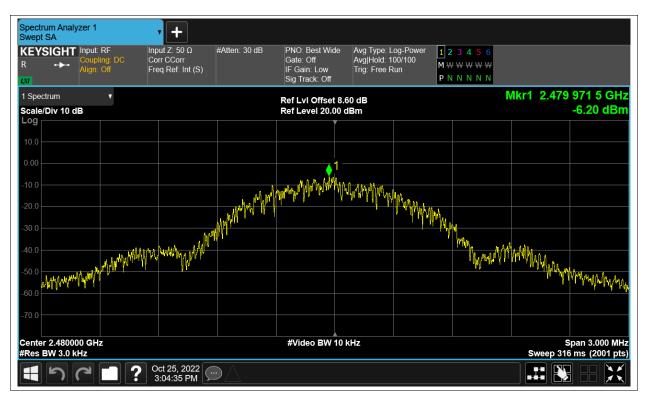
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	BLE	2402	Ant1	-5.61	8	Pass
NVNT	BLE	2442	Ant1	-5.805	8	Pass
NVNT	BLE	2480	Ant1	-6.199	8	Pass







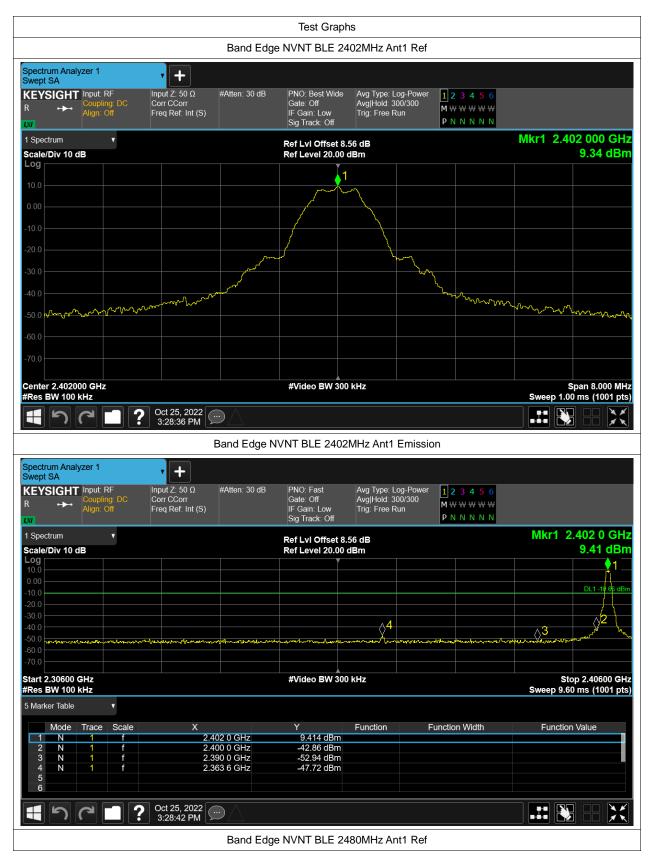




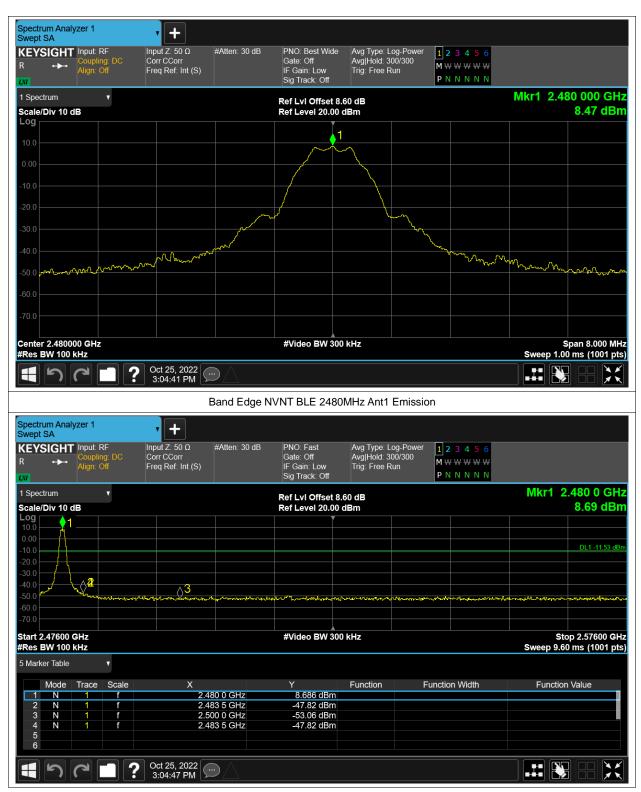
Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE	2402	Ant1	-57.06	-20	Pass
NVNT	BLE	2480	Ant1	-56.29	-20	Pass











Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE	2402	Ant1	-52.93	-20	Pass
NVNT	BLE	2442	Ant1	-45.19	-20	Pass
NVNT	BLE	2480	Ant1	-44.39	-20	Pass











