

Test Data

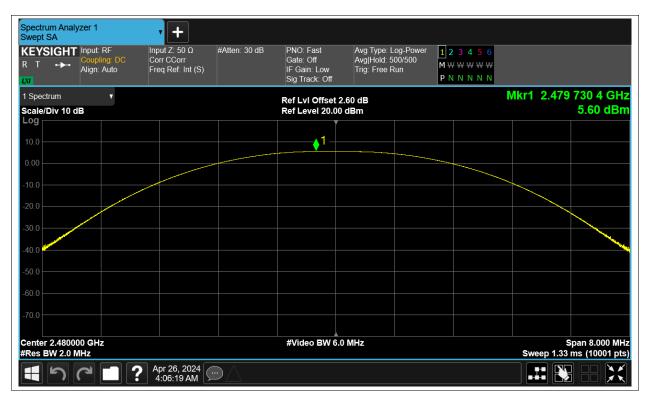
Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE	2402	Ant14	5.393	30	Pass
NVNT	BLE	2442	Ant14	6.101	30	Pass
NVNT	BLE	2480	Ant14	5.602	30	Pass











-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	limit	Verdic
NVNT	BLE	2402	Ant14	0.661	0.5	Pass
NVNT	BLE	2442	Ant14	0.659	0.5	Pass
NVNT	BLE	2480	Ant14	0.661	0.5	Pass







Spectru Occupi	ed BW			•	-							
KEYS R T	SIGHT ↔	Input: R Couplin Align: A	g: DC	Input Z: 5 Corr CCo Freq Ref:	orr	Atten: 30 dB	Trig: Free Run Gate: Off #IF Gain: Low	Center Fre Avg Hold: Radio Std:		Hz		
1 Grapt	ו	<u> </u>	•				Ref LvI Offset	2 60 dB			Mkr3 2.480	331000 GHz
	Div 10.0	dB					Ref Value 22.6					-0.31 dBm
Log 12.6 – 2.60 –						<u> </u>			3			
-7.40												
-17.4												
-37.4												
-57.4												
-67.4												
	2.4800 W 100.						#Video BW 300).00 kHz			Sweep 1.3	Span 2 MHz 3 ms (10001 pts)
2 Metric			V									(
		Occ	upied Ba	ndwidth								
			ap.oa 2a	1.0536	MHz				Total Power		11.7 dBm	
			nsmit Fre			437 Hz			% of OBW Pov	ver	99.00 %	
		X dE	3 Bandwi	ath		661.0 kHz			x dB		-6.00 dB	
	ょ	7		Apr 26, 4:06:4	2024 6 AM							



Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	BLE	2402	Ant14	1.022
NVNT	BLE	2442	Ant14	1.023
NVNT	BLE	2480	Ant14	1.022







Spect	rum Analy bied BW	zer 1		• +								
KEY R T	SIGHT ⊶⊷	Input: R Couplin Align: A	ig: DC	Input Z: 50 Ω Corr CCorr Freq Ref: Int (S	Atten:	30 dB	Trig: Free Run Gate: Off #IF Gain: Low	Center Fre Avg Hold: ' Radio Std:		GHz		
1 Grap			T				Ref LvI Offset					
	/Div 10.0	dB					Ref Value 22.6	0 dBm				
Log 12.6												
2.60												
-7.40						~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		V.				
-17.4												
-27.4					~						~~~~	
-37.4 -47.4		\sim	- A Carlos and a car									
-47.4	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	~~~										- mon
-67.4												
Cente	er 2.48000						#Video BW 91.	000 642	↓			Span 3 MHz
	BW 30.00						#VIGEO BVV 51.				Sweep 3.33	ms (10001 pts)
2 Metr			•									,
		Occ	upied Ban						T D			
				1.0220 MHz					Total Power		12.6 dBm	
			nsmit Freq			1 Hz			% of OBW P	ower	99.00 %	
		x dE	3 Bandwidt	th	1.277	MHZ			x dB		-26.00 dB	
	5]?	Apr 26, 2024 4:06:33 AM	\Box							



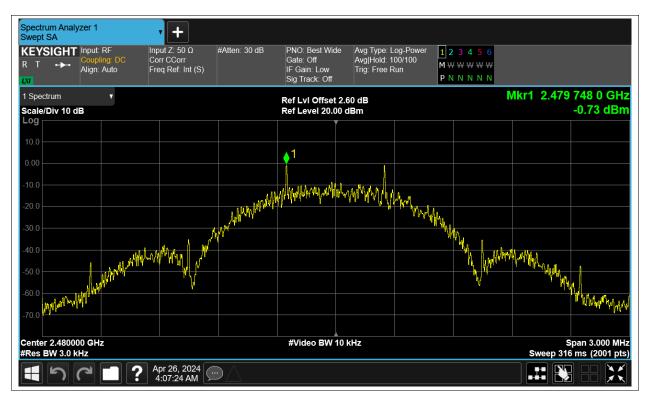
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	BLE	2402	Ant14	-0.981	8	Pass
NVNT	BLE	2442	Ant14	-0.241	8	Pass
NVNT	BLE	2480	Ant14	-0.726	8	Pass







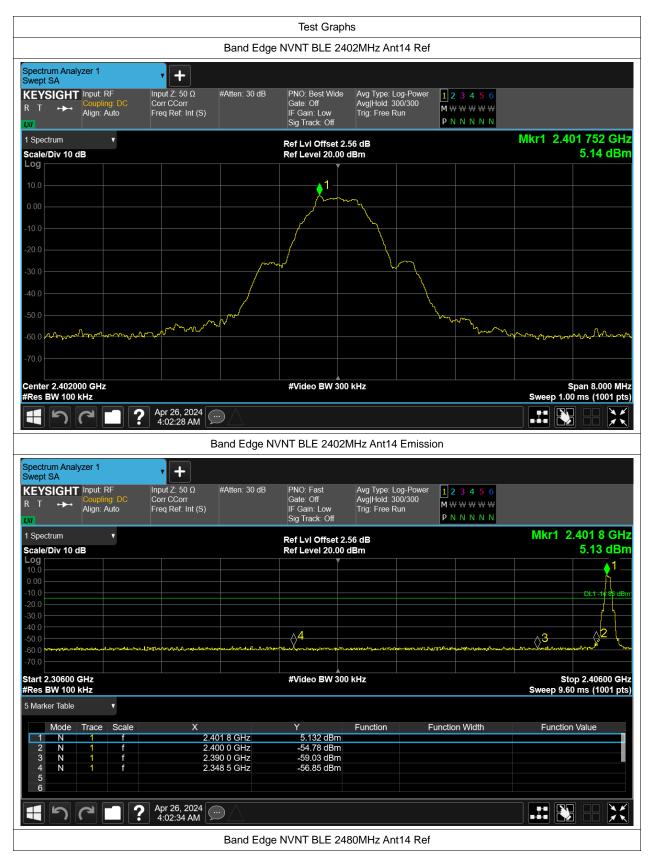




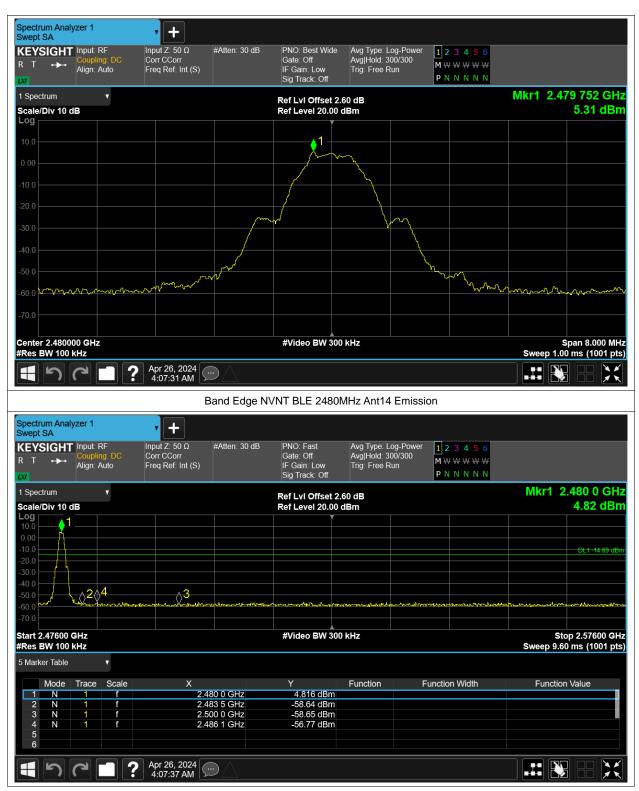
Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE	2402	Ant14	-61.99	-20	Pass
NVNT	BLE	2480	Ant14	-62.08	-20	Pass











Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE	2402	Ant14	-55.24	-20	Pass
NVNT	BLE	2442	Ant14	-55.44	-20	Pass
NVNT	BLE	2480	Ant14	-54.37	-20	Pass











