

Test Data

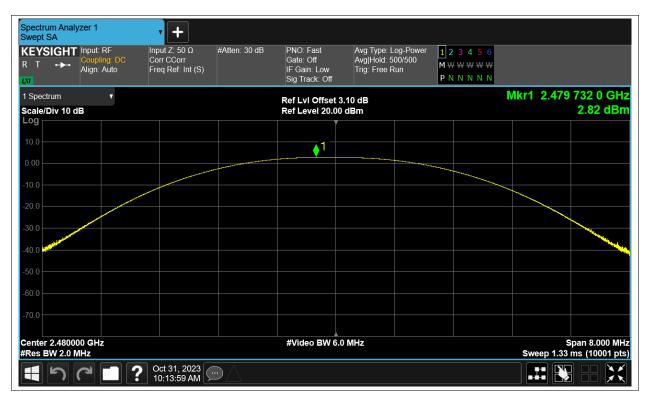
Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE	2402	Ant1	2.662	30	Pass
NVNT	BLE	2442	Ant1	3.663	30	Pass
NVNT	BLE	2480	Ant1	2.823	30	Pass











-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	limit	Verdic
NVNT	BLE	2402	Ant1	0.663	0.5	Pass
NVNT	BLE	2442	Ant1	0.664	0.5	Pass
NVNT	BLE	2480	Ant1	0.664	0.5	Pass







Spectrum Anal Occupied BW	yzer 1	• +					
KEYSIGHT R T ++-	Input: RF Coupling: DC Align: Auto	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 GHz Avg Hold: 1000/1000 Radio Std: None		
1 Graph	•			Ref LvI Offset 3	.10 dB	Mkr3 2.4803	
Scale/Div 10.0) dB			Ref Value 23.10	dBm		-4.11 dBm
Log 13.1				× 1			
3.10							
-6.90						~	
-16.9 -26.9							
-36.9							
-46.9							
-56.9							
-66.9							
Center 2.4800 #Res BW 100.				#Video BW 300.	00 kHz	Sweep 1.33	Span 2 MHz ms (10001 pts)
2 Metrics	v						
	Occupied B	andwidth 1.0389 MHz			Total Power	8.90 dBm	
	Transmit Fr		-5.476 kHz		% of OBW Power	99.00 %	
	x dB Bandw		664.0 kHz		x dB	-6.00 dB	
ב		Oct 31, 2023 10:14:28 AM	\Box				



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







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	Т	IGHT ↔	Input: <mark>Coupl</mark> i Align:	ing: DC	Corr	t Ζ: 50 Ω CCorr Ref: Int (S)	Atten	: 30 dB	Trig: Free Run Gate: Off #IF Gain: Low		Center Free Avg Hold: 1 Radio Std:		00 GI	Ηz		
10	Graph			v					Ref LvI Offset	3.10) dB					
		Div 10.0	dB						Ref Value 23.1	l0 dE	3m					
L0 13	g												Ì			
3.																
-6.	90 —							~~~~	\sim	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~						
-16																
-26 -36				\sim	~~~~	~~/								$\backslash \sim$	~	
-30			\sim											~		M 10
-56		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	5													manne
-66	6.9															
Ce	nter	2.48000	0 GH	2					#Video BW 10	0.00	kHz		•			Span 3 MHz
#R	es B'	W 30.00	00 kHz												Sweep 3.33	ms (10001 pts)
21	/letric:	s		•												
			Ōc	cupied Bar								Total Daw			0 07 dDm	
						297 MHz						Total Powe			8.87 dBm	
				ansmit Frec IB Bandwid			79 1.230	4 Hz				% of OBW	/ Pow	/er	99.00 % -26.00 dB	
			хc	IB Bandwid	1011		T.230	MHZ				x dB			-26.00 dB	
	3	5		2	Oct 10:	t 31, 2023 14:13 AM										



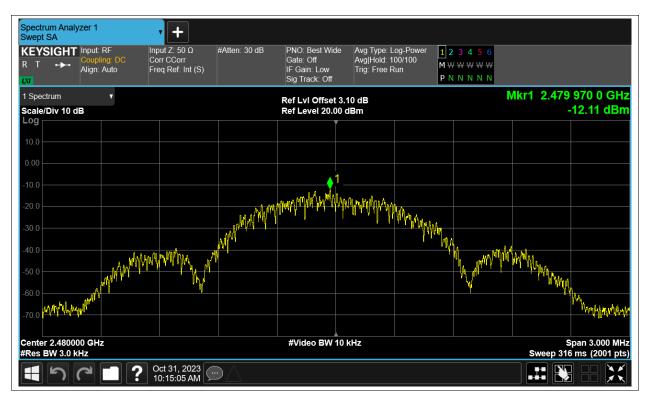
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	BLE	2402	Ant1	-12.255	8	Pass
NVNT	BLE	2442	Ant1	-11.258	8	Pass
NVNT	BLE	2480	Ant1	-12.113	8	Pass







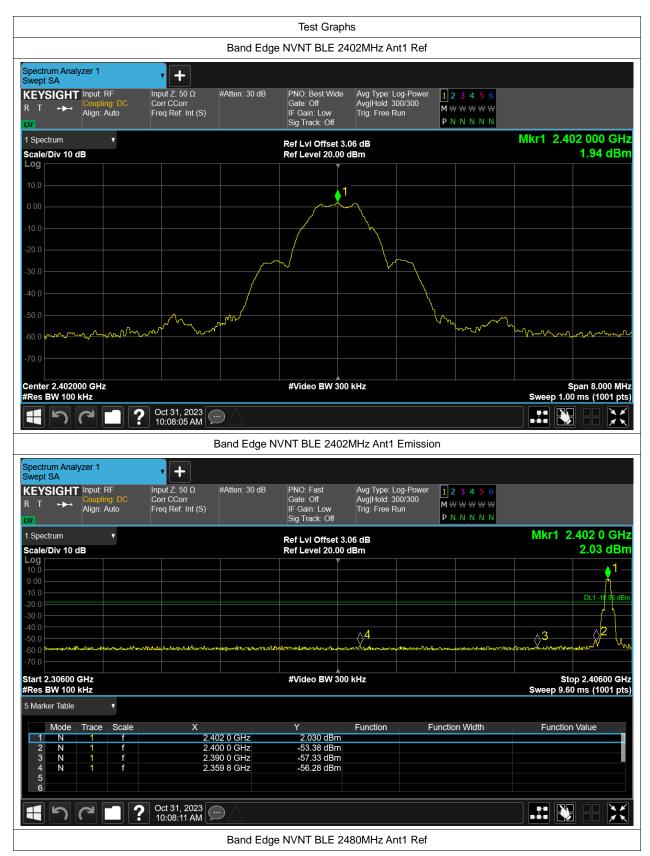




Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE	2402	Ant1	-58.22	-20	Pass
NVNT	BLE	2480	Ant1	-57.37	-20	Pass











Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE	2402	Ant1	-50.77	-20	Pass
NVNT	BLE	2442	Ant1	-52.22	-20	Pass
NVNT	BLE	2480	Ant1	-50.96	-20	Pass











