

Test Data

Maximum Conducted Output Power

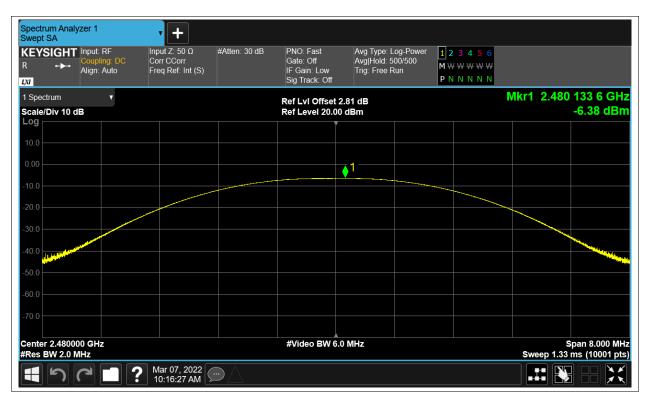
Condition	Mode	Frequency	Antenna	Conducted Power	Duty Factor	Total Power	Limit	Verdict
		(MHz)		(dBm)	(dB)	(dBm)	(dBm)	
NVNT	BLE	2402	Ant1	-6.506	0	-6.506	30	Pass
NVNT	BLE	2442	Ant1	-5.126	0	-5.126	30	Pass
NVNT	BLE	2480	Ant1	-6.377	0	-6.377	30	Pass





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-6dB Bandwidth

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





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Occupi			• +					
R R	SIGHT .≁	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: 500/500 Radio Std: None		
1 Grapi	h		ł		Ref Lvl Offset 2.	81 dB	Mkr3 2.480325	000 GHz
	Div 10.0	dB			Ref Value 22.81	dBm	-12	.96 dBm
Log 12.8								
2.81								
-7.19								
-17.2 -								
-37.2								
-47.2								
-57.2								
-67.2								
	2.48000 3W 100.0				#Video BW 300.0	00 kHz		Span 2 MHz
							Sweep 1.33 ms	(10001 pts)
2 Metrie	CS	▼						
		Occupied I	Bandwidth					
			1.0470 MHz			Total Power	-0.15 dBm	
		Transmit F		-5.474 kHz		% of OBW Power	99.00 %	
		x dB Band	width	661.4 kHz		x dB	-6.00 dB	
	5		? Mar 07, 2022 10:16:43 AM	\square				



Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	BLE	2402	Ant1	1.041782524
NVNT	BLE	2442	Ant1	1.043133613
NVNT	BLE	2480	Ant1	1.044069728





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Occ	ctrum Ana upied BW	-		• +										
R R	YSIGH1 ·≁·	Input: Coupl Align:	ing: DC	Input Ζ: 50 Ω Corr CCorr Freq Ref: Int (S)	Atter	n: 30 dB	Trig: Free Run Gate: Off #IF Gain: Low		Center Freq Avg Hold: 1 Radio Std: 1		00 GH	Ηz		
	raph	0 -10	•				Ref LvI Offset							
	le/Div 10.	Jab					Ref Value 22.8	51 GI	3m		<u> </u>			
L0 12	8													
2.8														
-7.1														
-17.	2					~~~~	\sim	~~~	\sim					
-27	2				and the second									
-37			_	non a production	+							~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	~~~	
-47.			and the second second									- m	- many	
-57		~~~~	~										~	how
-67	2										L			
	ter 2.4800						#Video BW 10	0.00	kHz					Span 3 MHz
#Re	s BW 30.0	000 kHz	<u></u>										Sweep 3.33	ms (10001 pts)
2 M	etrics		•											
		Oc	cupied Ban											
				1.0441 MHz						Total Powe	er		-0.16 dBm	
			ansmit Freq			48 Hz				% of OBW	Pow	/er	99.00 %	
		хс	B Bandwidt	h	1.257	MHz				x dB			-26.00 dB	
	5	6	■?	Mar 07, 2022 10:16:33 AM		\land								



Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	BLE	2402	Ant1	-22.798	8	Pass
NVNT	BLE	2442	Ant1	-21.439	8	Pass
NVNT	BLE	2480	Ant1	-22.695	8	Pass





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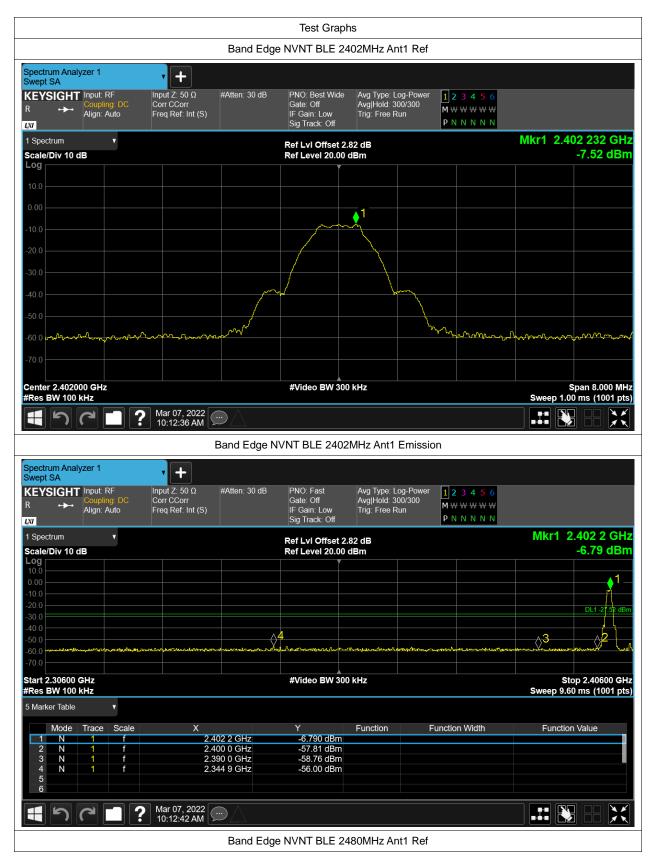




Band Edge

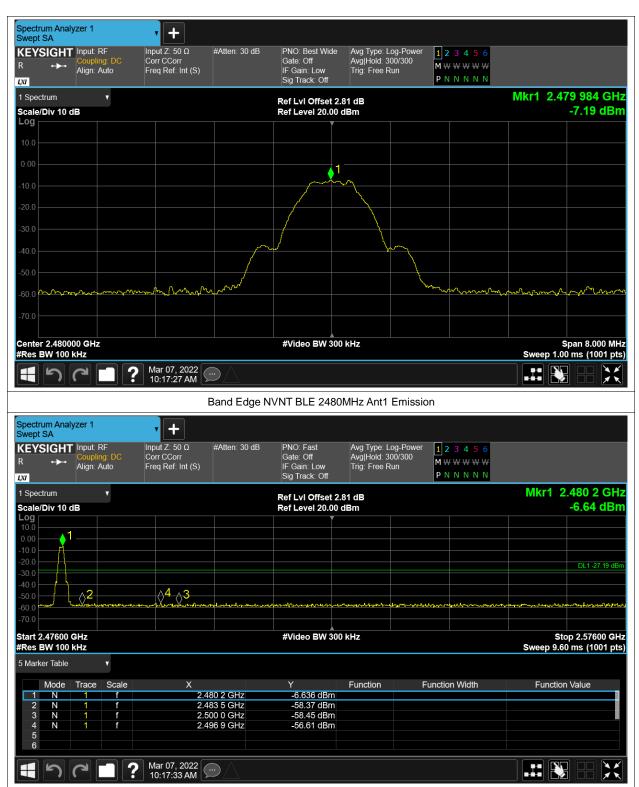
Condition	Mode	Frequency (MHz)	Antenna Max Value (dBc)		Limit (dBc)	Verdict
NVNT	BLE	2402	Ant1	-48.47	-20	Pass
NVNT	BLE	2480	Ant1	-49.42	-20	Pass





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Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE	2402	Ant1	-42.98	-20	Pass
NVNT	BLE	2442	Ant1	-45.03	-20	Pass
NVNT	BLE	2480	Ant1	-42.85	-20	Pass





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