

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	-3.023	0	-3.023	30	Pass
NVNT	BLE	2442	Ant1	-2.836	0	-2.836	30	Pass
NVNT	BLE	2480	Ant1	-4.438	0	-4.438	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	0.66	0.5	Pass
NVNT	BLE	2442	Ant1	0.653	0.5	Pass
NVNT	BLE	2480	Ant1	0.662	0.5	Pass





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Spectru Occupie		/zer 1	• +					
KEYS 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 Graph		•			Ref LvI Offset 2.		Mkr3 2.480329	
	Div 10.0	dB			Ref Value 22.81	dBm	-10	.90 dBm
Log 12.8								
2.81								
-7.19								
-17.2								
-27.2								
-37.2 ~		and the second s						
-47.2								
-57.2								
-67.2								
	2.4800				#Video BW 300.0	00 kHz		Span 2 MHz
#Res B	W 100.	DU KHZ					Sweep 1.33 ms	(10001 pts)
2 Metric	s	•						
		Occupied B				T-t-I D-main		
			1.0545 MHz			Total Power	1.83 dBm	
		Transmit Fr		-1.863 kHz		% of OBW Power	99.00 %	
		x dB Bandw	lidth	662.3 kHz		x dB	-6.00 dB	
	5		Mar 11, 2022 7:34:23 PM					



Occupied Channel Bandwidth

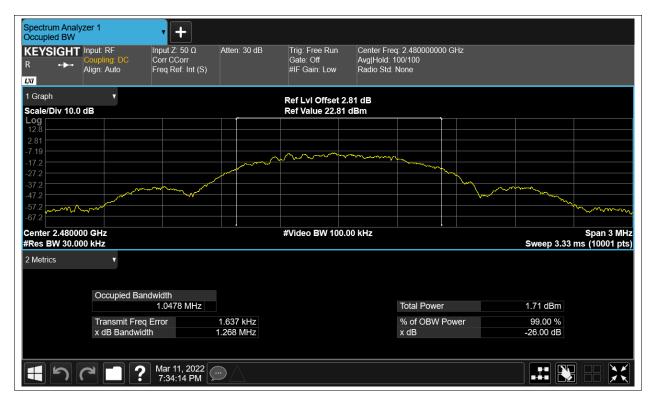
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	BLE	2402	Ant1	1.04647284
NVNT	BLE	2442	Ant1	1.044205069
NVNT	BLE	2480	Ant1	1.047823711





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Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	BLE	2402	Ant1	-19.288	8	Pass
NVNT	BLE	2442	Ant1	-19.121	8	Pass
NVNT	BLE	2480	Ant1	-20.752	8	Pass





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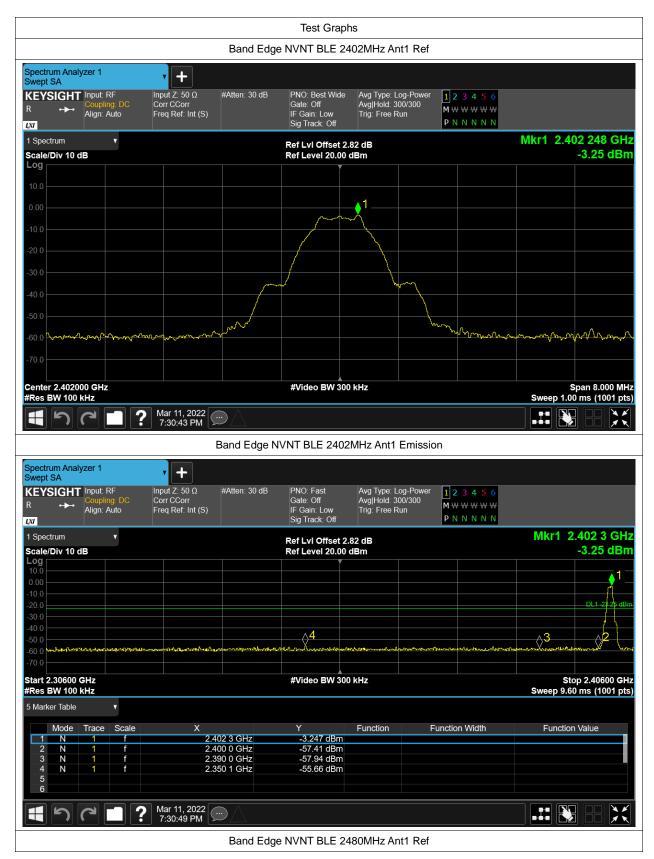




Band Edge

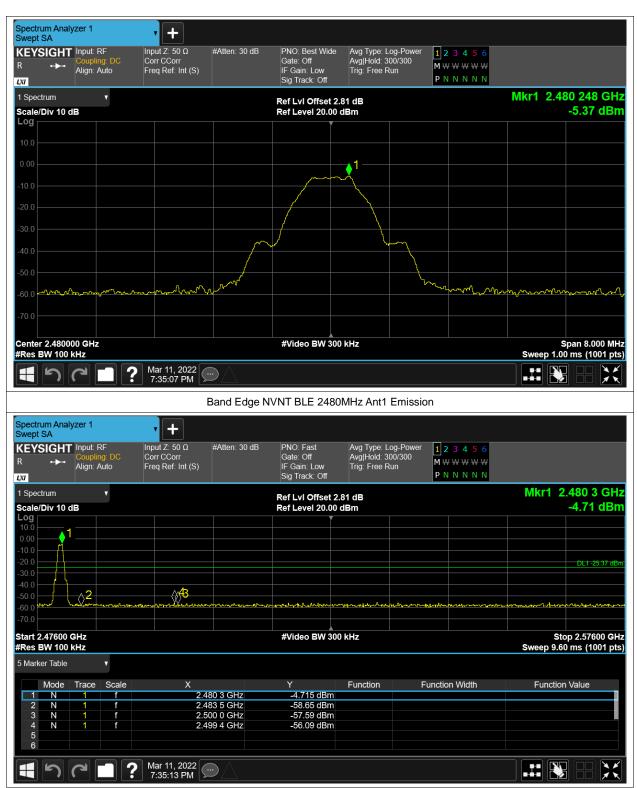
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE	2402	Ant1	-52.4	-20	Pass
NVNT	BLE	2480	Ant1	-50.72	-20	Pass





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Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE	2402	Ant1	-47.02	-20	Pass
NVNT	BLE	2442	Ant1	-46.3	-20	Pass
NVNT	BLE	2480	Ant1	-45.73	-20	Pass











