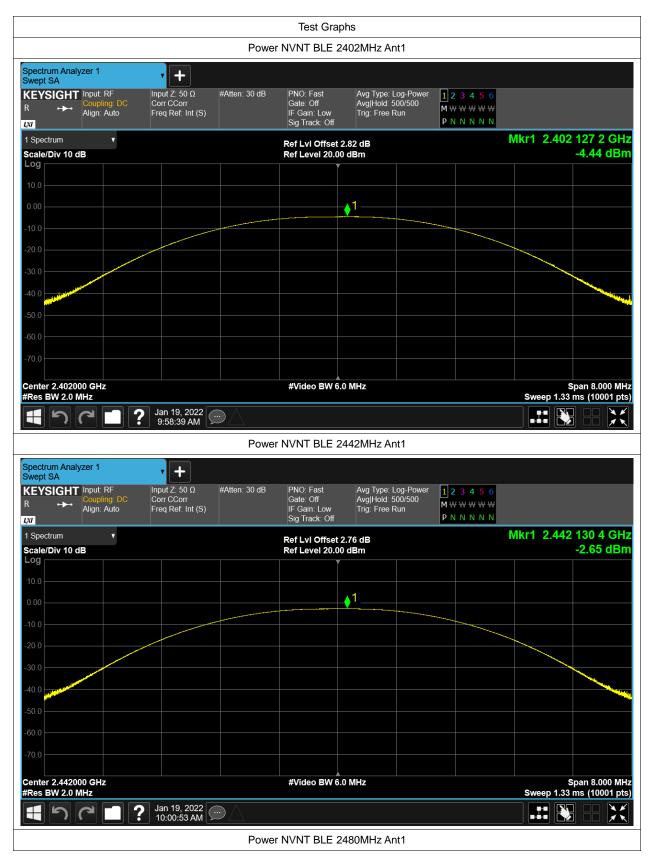


#### Test Data

# **Maximum Conducted Output Power**

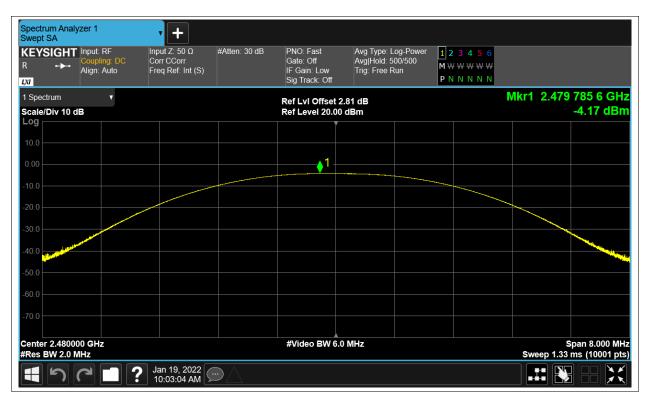
Condition	Mode	Frequency	Antenna	Conducted Power	Duty Factor	Total Power	Limit	Verdict
		(MHz)		(dBm)	(dB)	(dBm)	(dBm)	
NVNT	BLE	2402	Ant1	-4.444	0	-4.444	30	Pass
NVNT	BLE	2442	Ant1	-2.647	0	-2.647	30	Pass
NVNT	BLE	2480	Ant1	-4.173	0	-4.173	30	Pass





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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	0.682	0.5	Pass
NVNT	BLE	2442	Ant1	0.68	0.5	Pass
NVNT	BLE	2480	Ant1	0.679	0.5	Pass





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Spectru Occupie	um Analy ed BW	/zer 1	• +					
KEYS R	SIGHT .≁	Input: RF Coupling: DC Align: Auto	Input Z: 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	<u>ו</u>				Ref Lvl Offset 2.	81 dB	Mkr3 2.48033	
	Div 10.0	dB			Ref Value 22.81	dBm	-1	3.69 dBm
Log 12.8								
2.81								
-7.19				<u> </u>	++	3		
-17.2								
-27.2 -								
-47.2								
-57.2								
-67.2								
	2.48000				#Video BW 300.0	00 kHz		Span 2 MHz
#Res B	3W 100.0	00 kHz					Sweep 1.33 m	s (10001 pts)
2 Metric	cs	▼						
		Occupied Ba	ondwidth					
		Occupied B	1.0534 MHz			Total Power	-1.28 dBm	
		Transmit Fre	ed Error	-786 Hz		% of OBW Power	99.00 %	
		x dB Bandw		679.1 kHz		x dB	-6.00 dB	
	5		Jan 19, 2022 10:03:20 AM					



# **Occupied Channel Bandwidth**

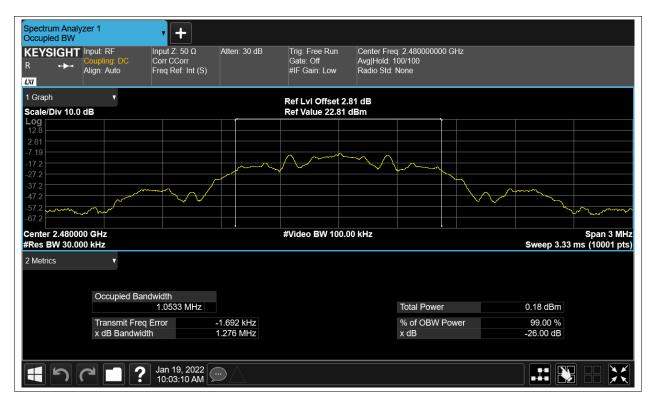
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	BLE	2402	Ant1	1.056205377
NVNT	BLE	2442	Ant1	1.04982575
NVNT	BLE	2480	Ant1	1.053266463





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# **Maximum Power Spectral Density Level**

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	BLE	2402	Ant1	-10.758	8	Pass
NVNT	BLE	2442	Ant1	-8.956	8	Pass
NVNT	BLE	2480	Ant1	-10.476	8	Pass





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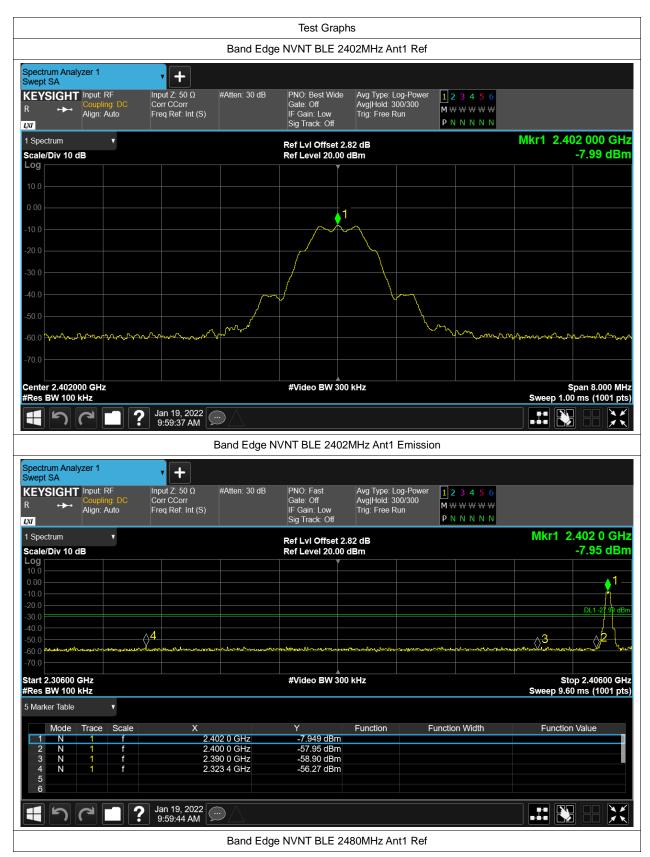




#### **Band Edge**

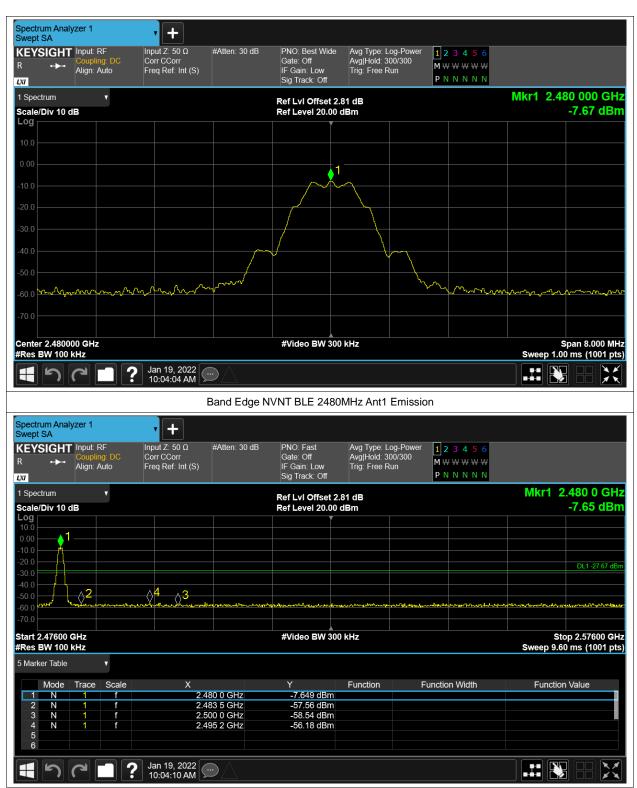
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE	2402	Ant1	-48.27	-20	Pass
NVNT	BLE	2480	Ant1	-48.51	-20	Pass





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# **Conducted RF Spurious Emission**

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE	2402	Ant1	-42.22	-20	Pass
NVNT	BLE	2442	Ant1	-43.85	-20	Pass
NVNT	BLE	2480	Ant1	-42.57	-20	Pass





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