

#### **Test Data**

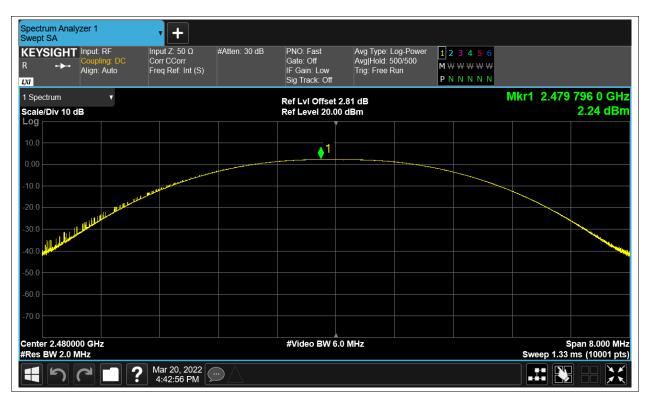
### **Maximum Conducted Output Power**

Condition	Mode	Frequency	Antenna	Conducted Power	Duty Factor	Total Power	Limit	Verdict
		(MHz)		(dBm)	(dB)	(dBm)	(dBm)	
NVNT	BLE	2402	Ant1	-0.224	0	-0.224	30	Pass
NVNT	BLE	2442	Ant1	1.771	0	1.771	30	Pass
NVNT	BLE	2480	Ant1	2.24	0	2.24	30	Pass











#### -6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	BLE	2402	Ant1	0.663	0.5	Pass
NVNT	BLE	2442	Ant1	0.657	0.5	Pass
NVNT	BLE	2480	Ant1	0.661	0.5	Pass







Occup	rum Analy bied BW			• +	•							
KEY R	SIGHT .≁-	Input: F Couplir Align: A	ng: DC	Input Z: 50 Corr CCor Freq Ref:		Atten: 30 dB	Trig: Free Run Gate: Off #IF Gain: Low	Center Fre Avg Hold: Radio Std:				
1 Grap	oh		•				Ref Lvl Offset 2	.81 dB		Mk	r3 2.48032	29000 GHz
	/Div 10.0	dB					Ref Value 22.81					-3.94 dBm
Log 12.8						<u> </u>			<b>3</b>			
-7.19						- V						
-17.2												
-27.2 -37.2	U-MANANA C	w.m	Martur								and the second sec	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
-47.2												
-57.2 -67.2												
	r 2.4800						#Video BW 300.	00 64-				Span 2 MHz
	BW 100.						#video Bvv 300.				Sweep 1.33 r	span 2 MH2 ns (10001 pts)
2 Metr	ics		<b>v</b>									
		0.0	cupied Bar	duvidtle								
			Jupieu Dai	1.0377	MHz				Total Power		8.59 dBm	
		Tra	nsmit Frec	Error	1	1.293 kHz			% of OBW Power		99.00 %	
		x dl	B Bandwid	lth	6	661.4 kHz			x dB		-6.00 dB	
	5		]?	Mar 20, 4:43:12	2022 PM							



# **Occupied Channel Bandwidth**

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	BLE	2402	Ant1	1.027854305
NVNT	BLE	2442	Ant1	1.023709676
NVNT	BLE	2480	Ant1	1.027426371





JianYan Testing Group Shenzhen Co., Ltd. Project No.: JYTSZR2203081 No.101, Building 8, Innovation Wisdom Port, No.155 Hongtian Road, Huangpu Community, Xinqiao Street, Bao'an District, Shenzhen, Guangdong, People's Republic of China. Tel: +86-755-23118282, Fax: +86-755-23116366



Spect Occu	rum Analy bied BW	zer 1		• +										
KEY R	′SIGHT •►•	Input: RF Coupling: I Align: Auto	DC C	put Ζ: 50 Ω orr CCorr req Ref: Int (S)	Atten	: 30 dB	Trig: Free Run Gate: Off #IF Gain: Low	A	enter Freq vg Hold: 10 adio Std: N		00 GH	Ηz		
1 Gra		v					Ref Lvl Offset							
	e/Div 10.0	dB					Ref Value 22.8	81 dBn	۱					
Log 12.8														
2.81														
-7.19						$\sim \alpha$	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	mm	and the second second	~				
-17.2											~			
-27.2					- <b>- - - -</b>							A CONTRACTOR OF CONTRACTOR OFO		
-37.2		. 00	· ·····	m								harris	man and a second	
-47.2	ጣጣ ለሶ	n	·										المري	WML AMALA
-57.2	1 11													·
-67.2											L			
	er 2.48000						#Video BW 10	00.00 kl	Ηz					Span 3 MHz
#Res	BW 30.00	00 kHz											Sweep 3.33	ms (10001 pts)
2 Met	rics	▼												
		Occup	ied Bandw											
				1.0274 MHz						Total Powe	er		8.75 dBm	
			nit Freq Er	ror	5.804	kHz				% of OBW	Pow	rer	99.00 %	
		x dB B	andwidth		1.241	MHz				x dB			-26.00 dB	
	5		<b>!?</b> '	Mar 20, 2022 4:43:02 PM										



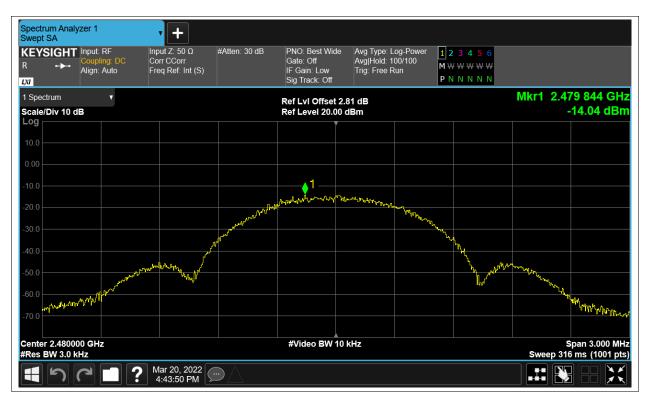
# **Maximum Power Spectral Density Level**

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	BLE	2402	Ant1	-16.355	8	Pass
NVNT	BLE	2442	Ant1	-14.362	8	Pass
NVNT	BLE	2480	Ant1	-14.041	8	Pass







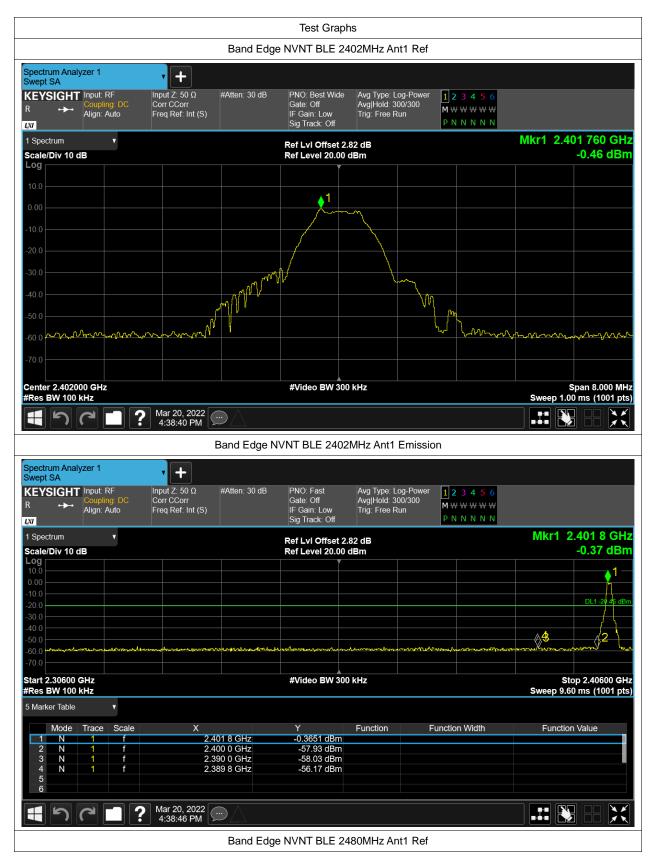




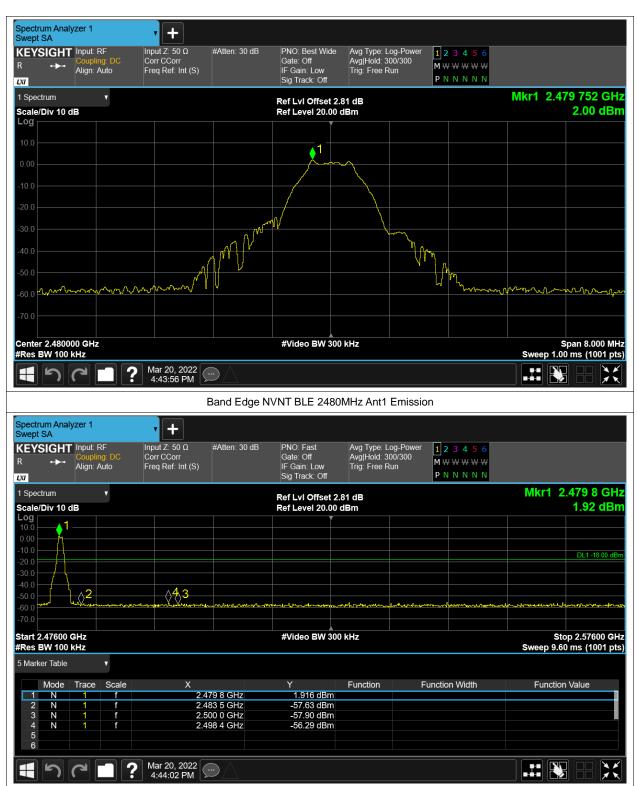
#### **Band Edge**

Condition	Mode	Frequency (MHz)	Antenna	Antenna Max Value (dBc)		Verdict
NVNT	BLE	2402	Ant1	-55.7	-20	Pass
NVNT	BLE	2480	Ant1	-58.28	-20	Pass











# **Conducted RF Spurious Emission**

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE	2402	Ant1	-49.48	-20	Pass
NVNT	BLE	2442	Ant1	-51.03	-20	Pass
NVNT	BLE	2480	Ant1	-52.08	-20	Pass



