

Test Data

Maximum Conducted Output Power

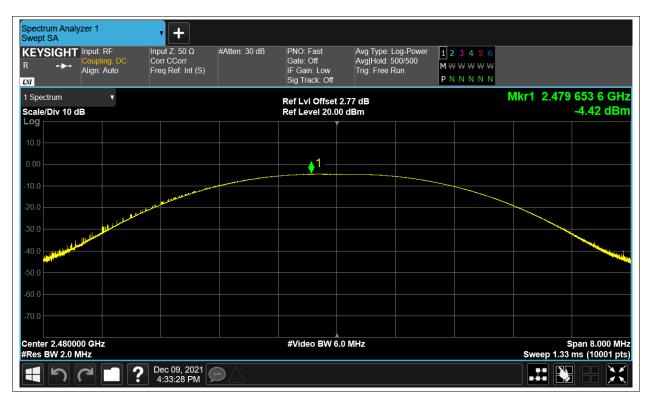
Condition	Mode	Frequency	Antenna	Conducted Power	Duty Factor	Total Power	Limit	Verdict
		(MHz)		(dBm)	(dB)	(dBm)	(dBm)	
NVNT	BLE	2402	Ant1	-5.241	0	-5.241	30	Pass
NVNT	BLE	2442	Ant1	-3.316	0	-3.316	30	Pass
NVNT	BLE	2480	Ant1	-4.417	0	-4.417	30	Pass





JianYan Testing Group Shenzhen Co., Ltd. Project No.: JYTSZE2112001 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 Page 2 of 19







-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	BLE	2402	Ant1	0.665	0.5	Pass
NVNT	BLE	2442	Ant1	0.664	0.5	Pass
NVNT	BLE	2480	Ant1	0.663	0.5	Pass





JianYan Testing Group Shenzhen Co., Ltd. Project No.: JYTSZE2112001 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 Page 5 of 19



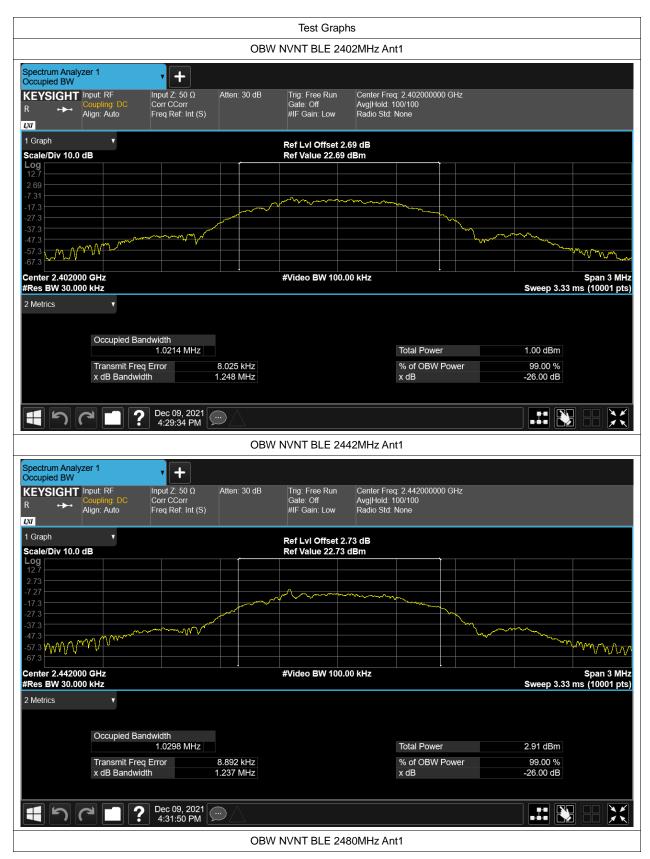
	um Analy ied BW	zer 1	•	+						
R R LNJ	SIGHT •	Input: RF Coupling: DC Align: Auto	Corr	t Z: 50 Ω · CCorr ι Ref: Int (S)	Atten: 30 dB	Trig: Free Run Gate: Off #IF Gain: Low	Center Freq: 2.480 Avg Hold: 500/500 Radio Std: None			
1 Grap		•				Ref Lvl Offset 2.			Mkr3 2.48032	
	Div 10.0	dB				Ref Value 22.77	dBm			10.58 dBm
Log 12.8 - 2.77 - -7.23 -						2 ¢ 1	\$ ³			
-17.2 -27.2 -37.2				- Martin						
-37.2 -47.2 -57.2	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	^{hun} un lun							Mr.M.	and hand the test
-67.2										
	r 2.48000 3W 100.0					#Video BW 300.0	0 kHz	•	Sweep 1.33 r	Span 3 MHz ns (10001 pts)
2 Metri		•								
		Occupied	d Bandwidt							
			1.0)440 MHz			Total	Power	1.89 dBm	
		Transmit x dB Ban	Freq Error Idwidth		-3.138 kHz 662.8 kHz		% of 0 x dB	OBW Power	99.00 % -6.00 dB	
	5		? De 4:	c 09, 2021 33:45 PM						



Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	BLE	2402	Ant1	1.021391844
NVNT	BLE	2442	Ant1	1.029780639
NVNT	BLE	2480	Ant1	1.027967921







Spectrun Occupied		zer 1		• +									
R R R	GHT ↔	Input: F Couplir Align: A	ng: DC	Input Ζ: 50 Ω Corr CCorr Freq Ref: Int (S)	Atter	n: 30 dB	Trig: Free Run Gate: Off #IF Gain: Low	Center Fr Avg Hold: Radio Std		00 GH	Hz		
1 Graph			v				Ref Lvl Offset	2.77 dB					
Scale/Di	iv 10.0	dB					Ref Value 22.7						
Log 12.8													
2.77													
-7.23						~	m	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	~~~				
-17.2					- man					~~~~			
-37.2				man Am							m		
-47.2 -57.2	MA AN	m nr	www								~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		A
-67.2	1.14.	101											mmm
Center 2	.48000	0 GHz				<u> </u>	#Video BW 100	0.00 kHz		1			Span 3 MHz
#Res BV	V 30.00	00 kHz										Sweep 3.33	ms (10001 pts)
2 Metrics			•										
		00	cupied Bar	dwidth									
				1.0280 MHz					Total Powe	er		1.96 dBm	
		Tra	insmit Freq	Error	5.213	3 kHz			% of OBW	/ Pow	ver	99.00 %	
		x d	B Bandwid	th	1.237	MHz			x dB			-26.00 dB	
	າ ເ]?	Dec 09, 2021 4:33:35 PM		\sum							



Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	BLE	2402	Ant1	-21.732	8	Pass
NVNT	BLE	2442	Ant1	-19.828	8	Pass
NVNT	BLE	2480	Ant1	-20.706	8	Pass





JianYan Testing Group Shenzhen Co., Ltd. Project No.: JYTSZE2112001 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 Page 11 of 19







Band Edge

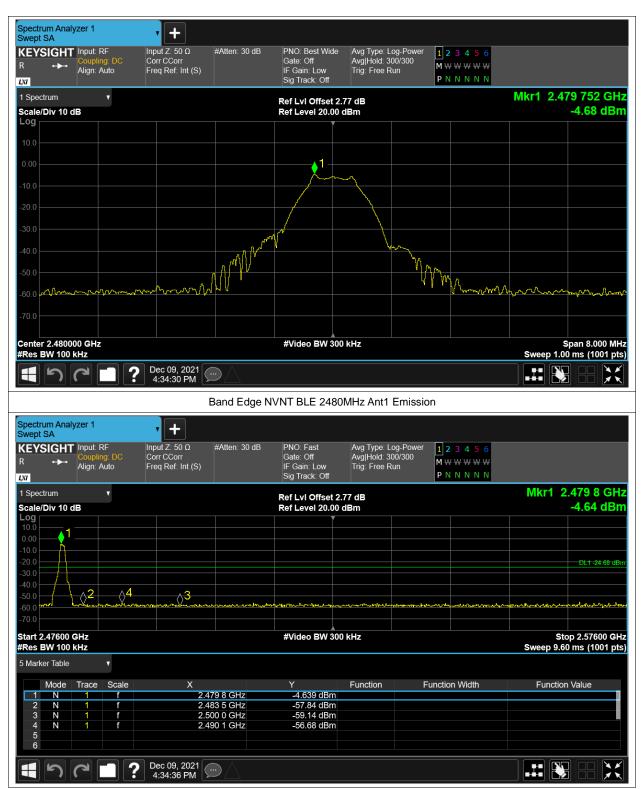
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE	2402	Ant1	-50.48	-20	Pass
NVNT	BLE	2480	Ant1	-51.99	-20	Pass





JianYan Testing Group Shenzhen Co., Ltd. Project No.: JYTSZE2112001 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 Page 14 of 19







Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE	2402	Ant1	-44.03	-20	Pass
NVNT	BLE	2442	Ant1	-45.74	-20	Pass
NVNT	BLE	2480	Ant1	-45.66	-20	Pass



