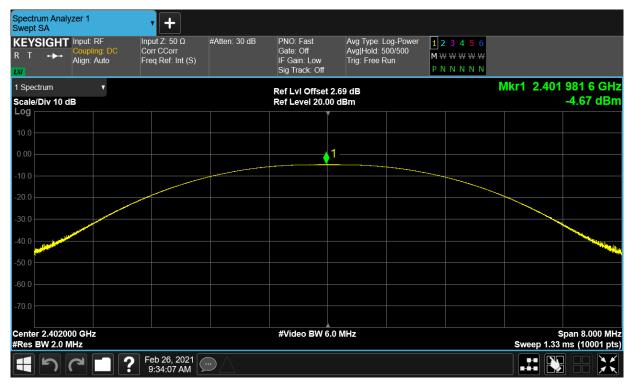


# **Test Data**

# **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	-4.673	0	-4.673	30	Pass
NVNT	BLE	2442	Ant1	-3.862	0	-3.862	30	Pass
NVNT	BLE	2480	Ant1	-5.424	0	-5.424	30	Pass

### Power NVNT BLE 2402MHz Ant1

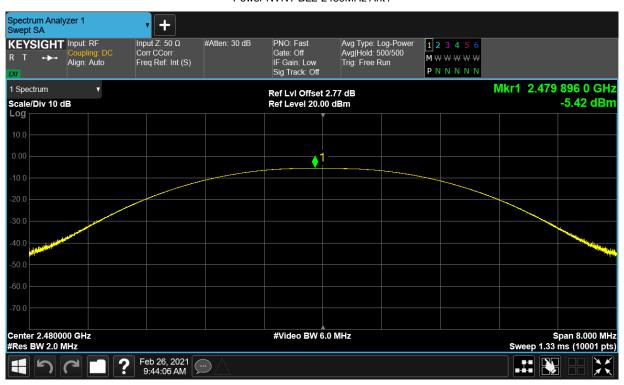


Power NVNT BLE 2442MHz Ant1





Power NVNT BLE 2480MHz Ant1



## -6dB Bandwidth

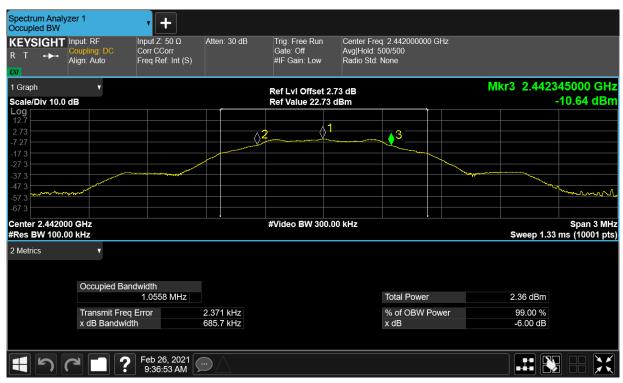
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict		
NVNT	BLE	2402	Ant1	0.682	0.5	Pass		
NVNT	BLE	2442	Ant1	0.686	0.5	Pass		
NVNT	BLE	2480	Ant1	0.68	0.5	Pass		



#### -6dB Bandwidth NVNT BLE 2402MHz Ant1

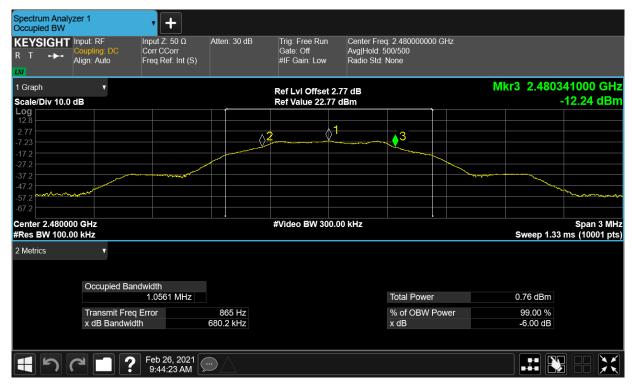


-6dB Bandwidth NVNT BLE 2442MHz Ant1



-6dB Bandwidth NVNT BLE 2480MHz Ant1





## **Occupied Channel Bandwidth**

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	BLE	2402	Ant1	1.040789829
NVNT	BLE	2442	Ant1	1.040885223
NVNT	BLE	2480	Ant1	1.041078582

### OBW NVNT BLE 2402MHz Ant1



JianYan Testing Group Shenzhen Co., Ltd.

Project No.: JYTSZE2102019

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.



#### OBW NVNT BLE 2442MHz Ant1



### OBW NVNT BLE 2480MHz Ant1



# **Maximum Power Spectral Density Level**

		•	•			
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	BLE	2402	Ant1	-19.543	8	Pass
NVNT	BLE	2442	Ant1	-18.725	8	Pass
NVNT	BLE	2480	Ant1	-20.313	8	Pass

JianYan Testing Group Shenzhen Co., Ltd.

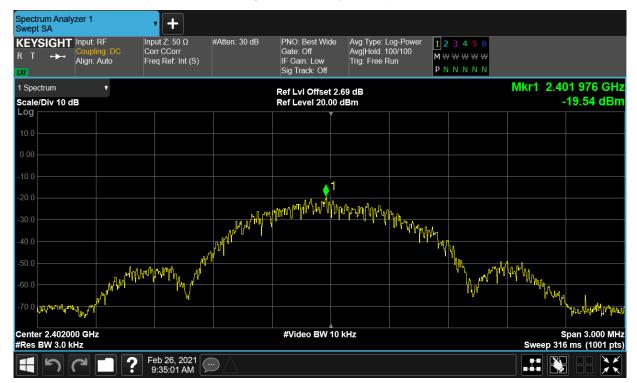
No.101, Building 8, Innovation Wisdom Port, No.155 Hongtian Road, Huangpu Community, Xinqiao Street, Bao'an District, Shenzhen, Guangdong, People's Republic of China.

Tel: +86-755-23118282, Fax: +86-755-23116366

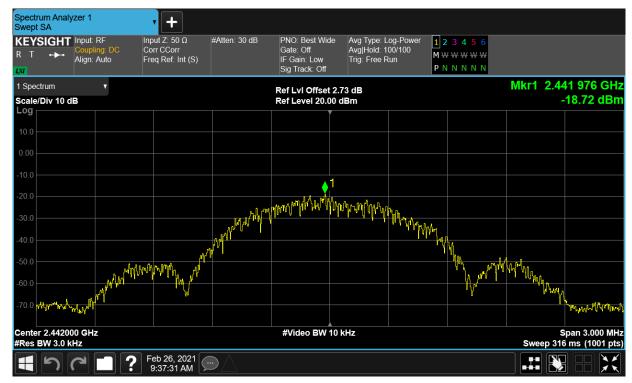
Project No.: JYTSZE2102019



#### PSD NVNT BLE 2402MHz Ant1

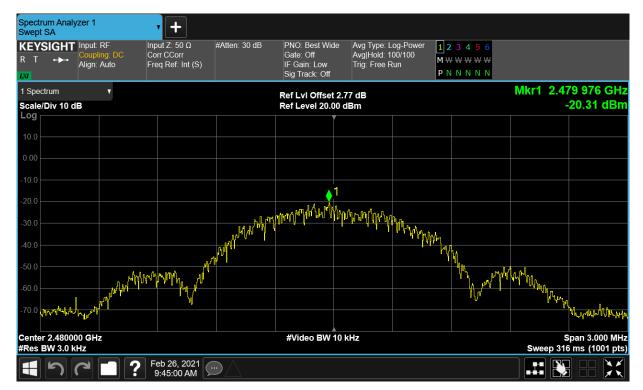


### PSD NVNT BLE 2442MHz Ant1



PSD NVNT BLE 2480MHz Ant1





## **Band Edge**

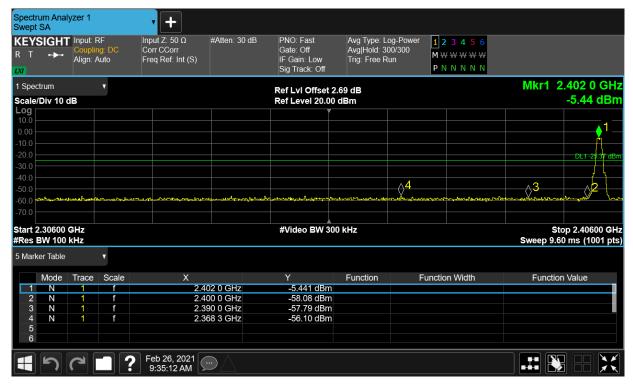
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE	2402	Ant1	-50.74	-20	Pass
NVNT	BLE	2480	Ant1	-50.32	-20	Pass

## Band Edge NVNT BLE 2402MHz Ant1 Ref

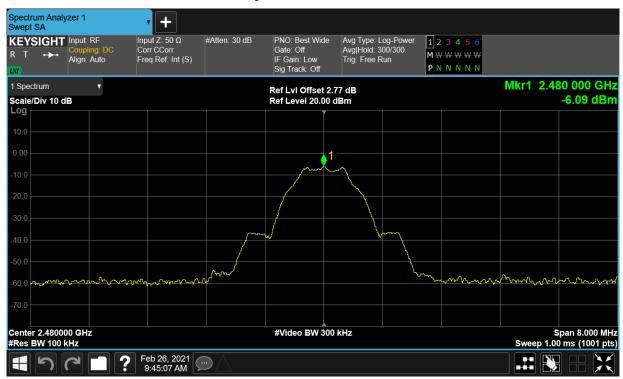


Band Edge NVNT BLE 2402MHz Ant1 Emission





Band Edge NVNT BLE 2480MHz Ant1 Ref



Band Edge NVNT BLE 2480MHz Ant1 Emission

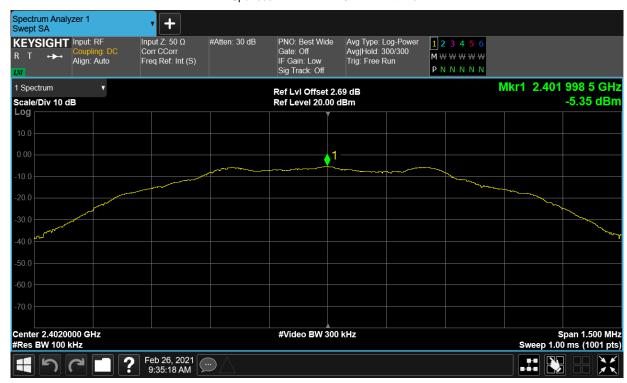




### **Conducted RF Spurious Emission**

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict	
NVNT	BLE	2402	Ant1	-44.62	-20	Pass	
NVNT	BLE	2442	Ant1	-46.18	-20	Pass	
NVNT	BLE	2480	Ant1	-44.1	-20	Pass	

Tx. Spurious NVNT BLE 2402MHz Ant1 Ref



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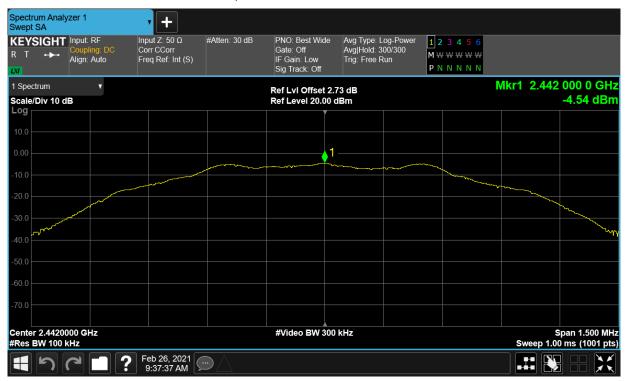
No.101, Building 8, Innovation Wisdom Port, No.155 Hongtian Road, Huangpu Community, Xinqiao Street, Bao'an District, Shenzhen, Guangdong, People's Republic of China.



### Tx. Spurious NVNT BLE 2402MHz Ant1 Emission



Tx. Spurious NVNT BLE 2442MHz Ant1 Ref



Tx. Spurious NVNT BLE 2442MHz Ant1 Emission





Tx. Spurious NVNT BLE 2480MHz Ant1 Ref



Tx. Spurious NVNT BLE 2480MHz Ant1 Emission



