

# **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	-8.304	0	-8.304	30	Pass
NVNT	BLE	2442	Ant1	-5.495	0	-5.495	30	Pass
NVNT	BLE	2480	Ant1	-6.668	0	-6.668	30	Pass

#### Power NVNT BLE 2402MHz Ant1



Power NVNT BLE 2442MHz Ant1





Power NVNT BLE 2480MHz Ant1



### -6dB Bandwidth

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Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict			
NVNT	BLE	2402	Ant1	0.661	0.5	Pass			
NVNT	BLE	2442	Ant1	0.665	0.5	Pass			
NVNT	BLE	2480	Ant1	0.662	0.5	Pass			

JianYan Testing Group Shenzhen Co., Ltd.

Project No.: JYTSZE2105022

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#### -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	1.039112004
NVNT	BLE	2442	Ant1	1.044232557
NVNT	BLE	2480	Ant1	1.045935526

OBW NVNT BLE 2402MHz Ant1





OBW NVNT BLE 2442MHz Ant1



OBW NVNT BLE 2480MHz Ant1

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# **Maximum Power Spectral Density Level**

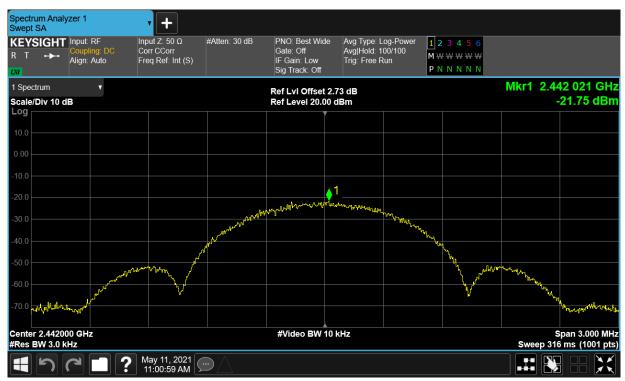
		•				
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	BLE	2402	Ant1	-24.476	8	Pass
NVNT	BLE	2442	Ant1	-21.746	8	Pass
NVNT	BLE	2480	Ant1	-22.918	8	Pass

PSD NVNT BLE 2402MHz Ant1



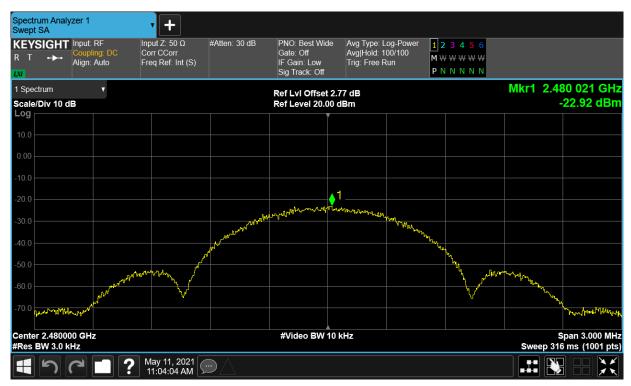


PSD NVNT BLE 2442MHz Ant1



PSD NVNT BLE 2480MHz Ant1





### **Band Edge**

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE	2402	Ant1	-48.1	-20	Pass
NVNT	BLE	2480	Ant1	-48.7	-20	Pass

## Band Edge NVNT BLE 2402MHz Ant1 Ref



JianYan Testing Group Shenzhen Co., Ltd.

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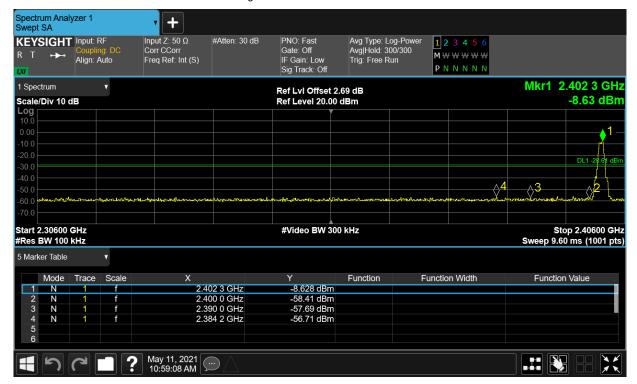
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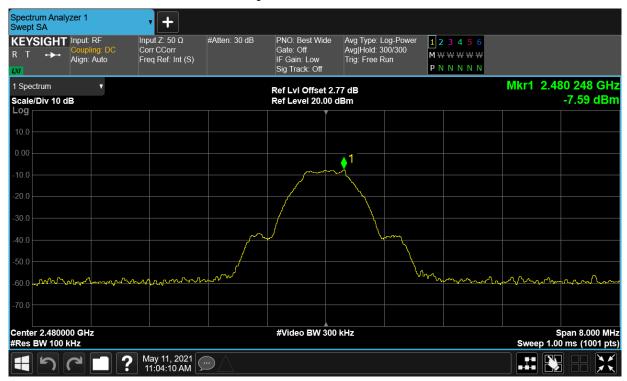
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#### Band Edge NVNT BLE 2402MHz Ant1 Emission



Band Edge NVNT BLE 2480MHz Ant1 Ref



Band Edge NVNT BLE 2480MHz Ant1 Emission





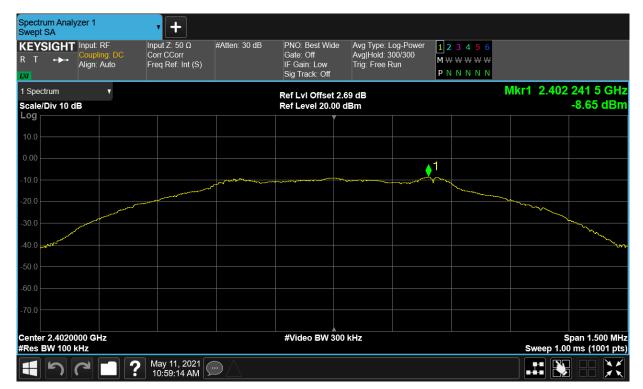
# **Conducted RF Spurious Emission**

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict		
NVNT	BLE	2402	Ant1	-41.19	-20	Pass		
NVNT	BLE	2442	Ant1	-44.28	-20	Pass		
NVNT	BLE	2480	Ant1	-43.29	-20	Pass		

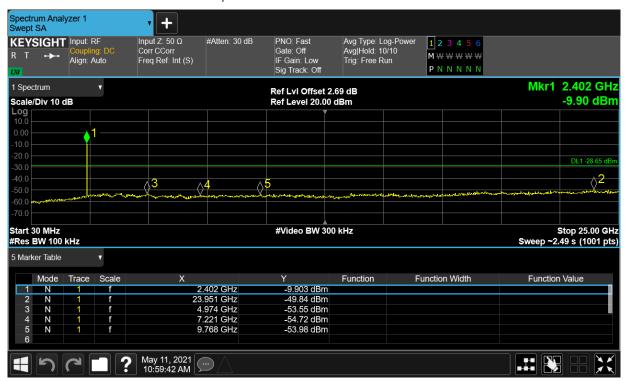
Tx. Spurious NVNT BLE 2402MHz Ant1 Ref

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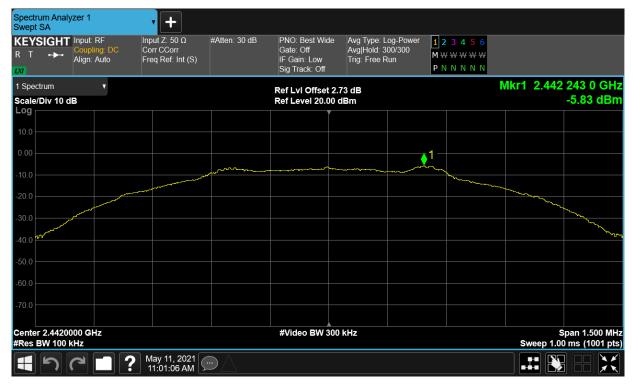
Tx. Spurious NVNT BLE 2402MHz Ant1 Emission



Tx. Spurious NVNT BLE 2442MHz Ant1 Ref

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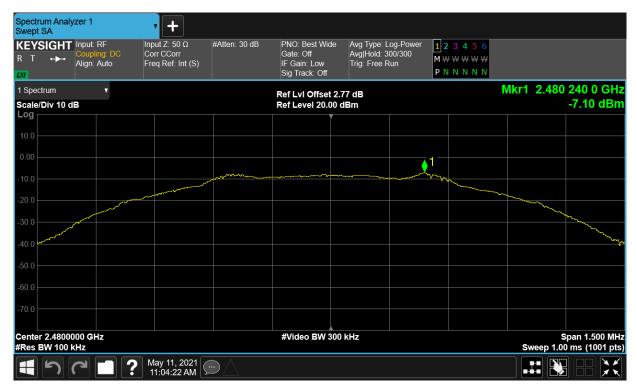


Tx. Spurious NVNT BLE 2442MHz Ant1 Emission



Tx. Spurious NVNT BLE 2480MHz Ant1 Ref





Tx. Spurious NVNT BLE 2480MHz Ant1 Emission

