

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	-4.762	0	-4.762	30	Pass
NVNT	BLE	2442	Ant1	-3.962	0	-3.962	30	Pass
NVNT	BLE	2480	Ant1	-5.471	0	-5.471	30	Pass

Power NVNT BLE 2402MHz Ant1



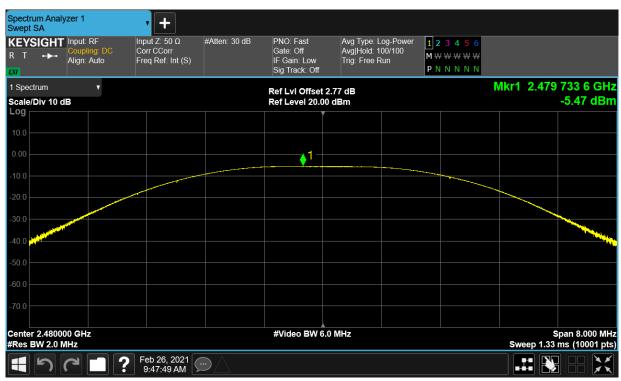
Power NVNT BLE 2442MHz Ant1

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





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	1.16	0.5	Pass
NVNT	BLE	2442	Ant1	1.155	0.5	Pass
NVNT	BLE	2480	Ant1	1.164	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	2.065577765				
NVNT	BLE	2442	Ant1	2.073197601				
NVNT	BLE	2480	Ant1	2.070567248				

OBW NVNT BLE 2402MHz Ant1



JianYan Testing Group Shenzhen Co., Ltd.

Project No.: JYTSZE2102019

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OBW NVNT BLE 2442MHz Ant1



OBW NVNT BLE 2480MHz Ant1



Maximum Power Spectral Density Level

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Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	BLE	2402	Ant1	-22.142	8	Pass
NVNT	BLE	2442	Ant1	-21.357	8	Pass
NVNT	BLE	2480	Ant1	-22.898	8	Pass

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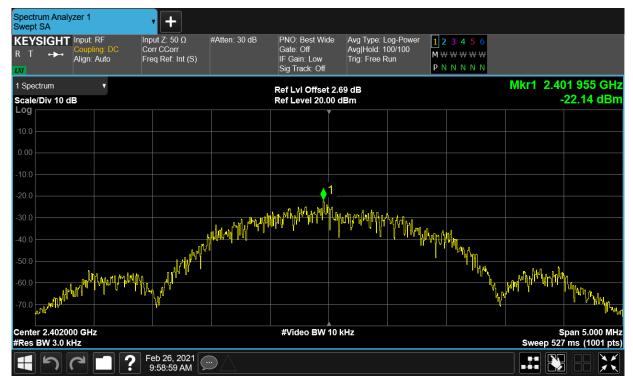
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PSD NVNT BLE 2402MHz Ant1



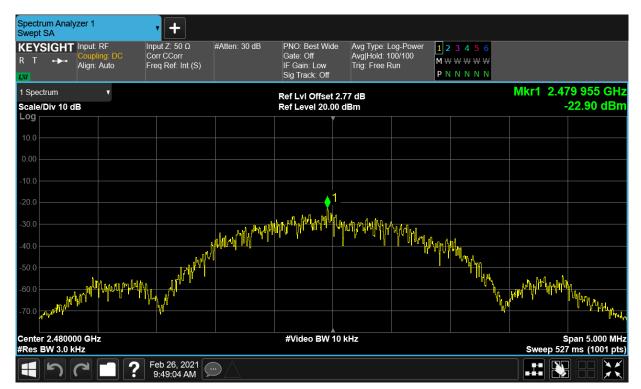
PSD NVNT BLE 2442MHz Ant1



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Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE	2402	Ant1	-51.46	-20	Pass
NVNT	BLE	2480	Ant1	-50.77	-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	-43.32	-20	Pass			
NVNT	BLE	2442	Ant1	-43.7	-20	Pass			
NVNT	BLE	2480	Ant1	-41.49	-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



Tx. Spurious NVNT BLE 2442MHz Ant1 Emission





Tx. Spurious NVNT BLE 2480MHz Ant1 Ref



Tx. Spurious NVNT BLE 2480MHz Ant1 Emission



