

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	2.842	0	2.842	30	Pass
NVNT	BLE	2442	Ant1	2.08	0	2.08	30	Pass
NVNT	BLE	2480	Ant1	1.479	0	1.479	30	Pass

Power NVNT BLE 2402MHz Ant1

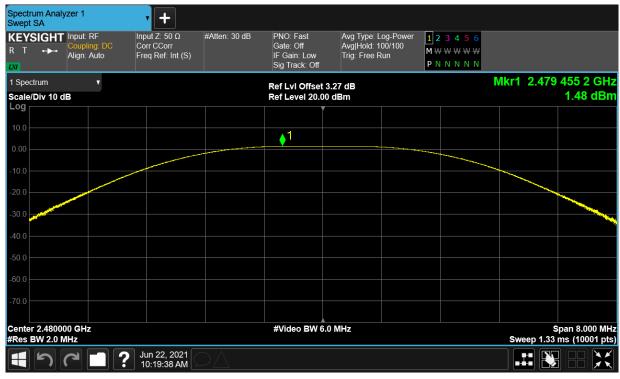


Power NVNT BLE 2442MHz Ant1





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	1.389	0.5	Pass
NVNT	BLE	2442	Ant1	1.338	0.5	Pass
NVNT	BLE	2480	Ant1	1.441	0.5	Pass

JianYan Testing Group Shenzhen Co., Ltd.

Project No.: JYTSZE2106016

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-6dB Bandwidth NVNT BLE 2402MHz Ant1



-6dB Bandwidth NVNT BLE 2442MHz Ant1



-6dB Bandwidth NVNT BLE 2480MHz Ant1

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Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	BLE	2402	Ant1	2.087714817
NVNT	BLE	2442	Ant1	2.103880634
NVNT	BLE	2480	Ant1	2.135544244

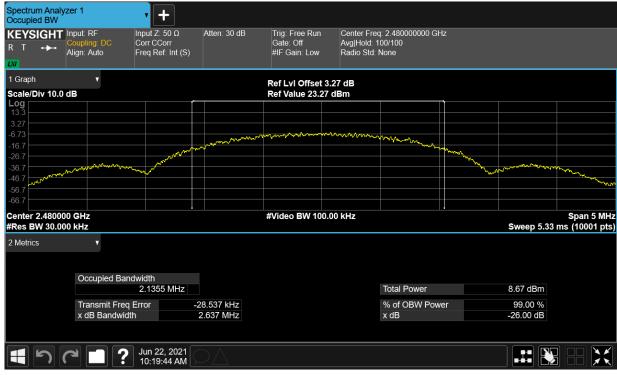
OBW NVNT BLE 2402MHz Ant1





OBW NVNT BLE 2480MHz Ant1



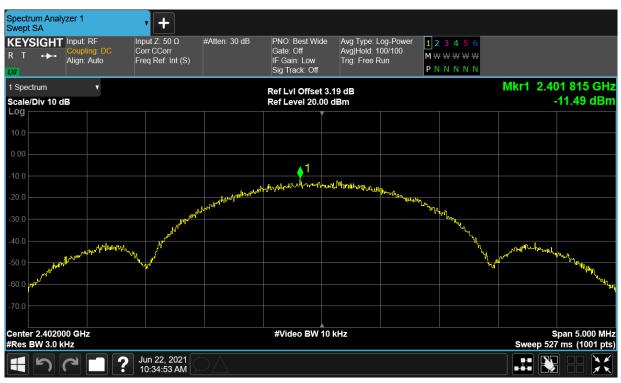


Maximum Power Spectral Density Level

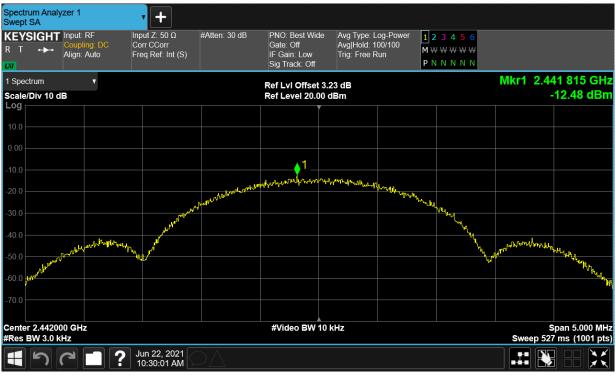
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	BLE	2402	Ant1	-11.49	8	Pass
NVNT	BLE	2442	Ant1	-12.485	8	Pass
NVNT	BLE	2480	Ant1	-12.92	8	Pass

PSD NVNT BLE 2402MHz Ant1





PSD NVNT BLE 2442MHz Ant1



PSD NVNT BLE 2480MHz Ant1

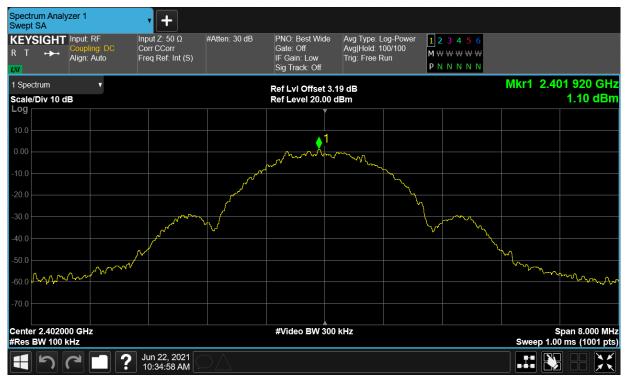




Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE	2402	Ant1	-56.87	-20	Pass
NVNT	BLE	2480	Ant1	-54.49	-20	Pass

Band Edge NVNT BLE 2402MHz Ant1 Ref



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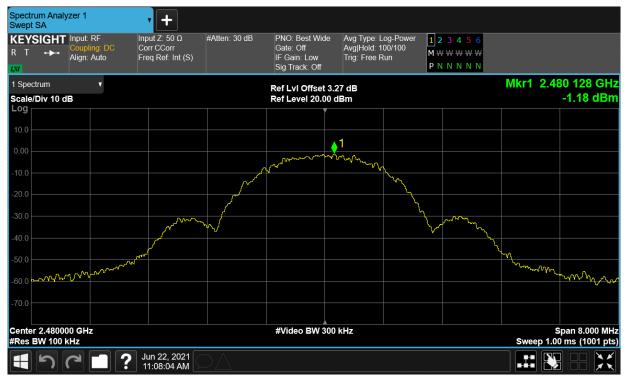
Project No.: JYTSZE2106016



Band Edge NVNT BLE 2402MHz Ant1 Emission

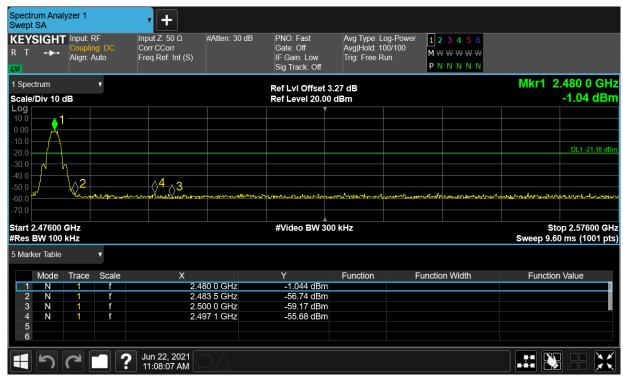


Band Edge NVNT BLE 2480MHz Ant1 Ref



Band Edge NVNT BLE 2480MHz Ant1 Emission



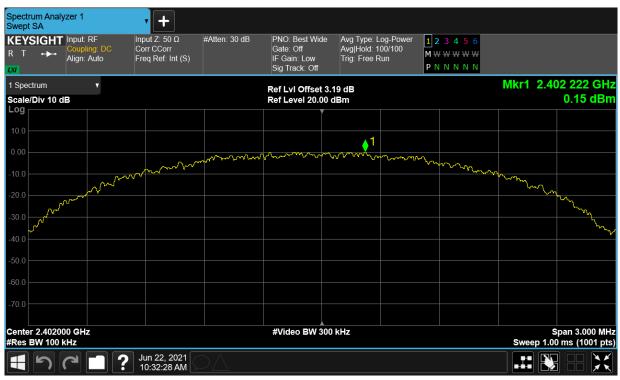


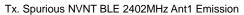
Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE	2402	Ant1	-48.51	-20	Pass
NVNT	BLE	2442	Ant1	-47.45	-20	Pass
NVNT	BLE	2480	Ant1	-48.18	-20	Pass

Tx. Spurious NVNT BLE 2402MHz Ant1 Ref



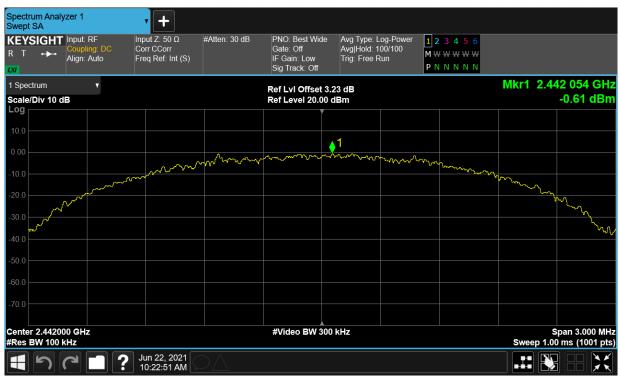


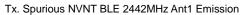




Tx. Spurious NVNT BLE 2442MHz Ant1 Ref



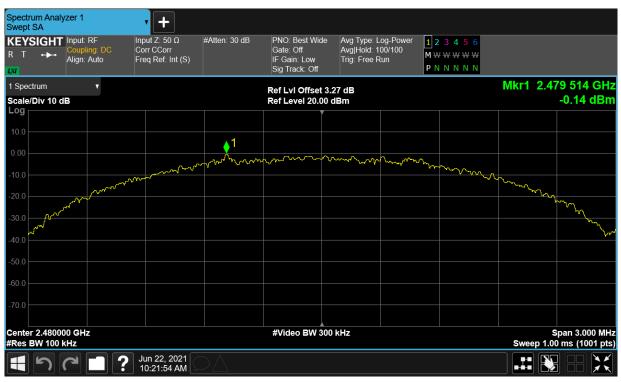


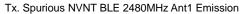




Tx. Spurious NVNT BLE 2480MHz Ant1 Ref







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3 N	1	f			4.848 GH		-52.77 dB					
4 N	1	f			7.336 GH		-54.30 dB					
5 N 6	1	f			9.797 GH	Z	-53.57 dB	m				