

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	2.764	0	2.764	30	Pass
NVNT	BLE	2442	Ant1	2.835	0	2.835	30	Pass
NVNT	BLE	2480	Ant1	2.544	0	2.544	30	Pass

Power NVNT BLE 2402MHz Ant1

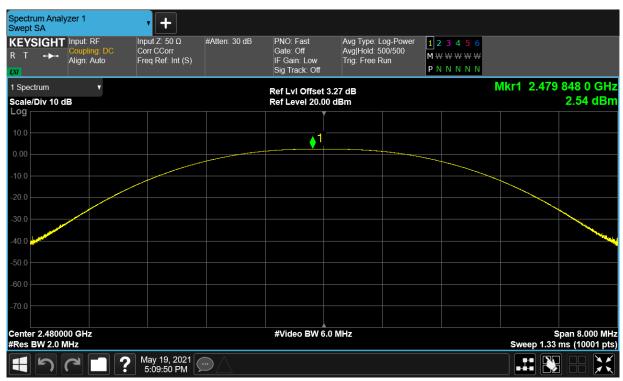


Power NVNT BLE 2442MHz Ant1





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	0.659	0.5	Pass			
NVNT	BLE	2442	Ant1	0.659	0.5	Pass			
NVNT	BLE	2480	Ant1	0.66	0.5	Pass			

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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	1.032229154				
NVNT	BLE	2442	Ant1	1.030323701				
NVNT	BLE	2480	Ant1	1.032297681				

OBW NVNT BLE 2402MHz Ant1





OBW NVNT BLE 2442MHz Ant1



OBW NVNT BLE 2480MHz Ant1





Maximum Power Spectral Density Level

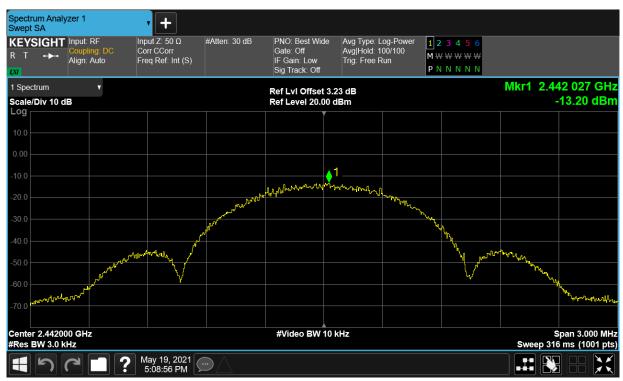
		•				
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	BLE	2402	Ant1	-12.601	8	Pass
NVNT	BLE	2442	Ant1	-13.204	8	Pass
NVNT	BLE	2480	Ant1	-13.168	8	Pass

PSD NVNT BLE 2402MHz Ant1





PSD NVNT BLE 2442MHz Ant1



PSD NVNT BLE 2480MHz Ant1

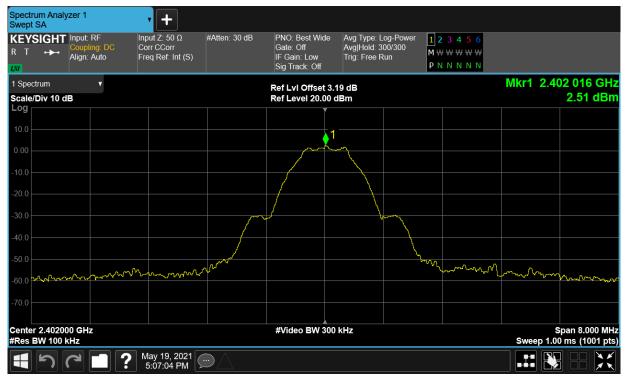




Band Edge

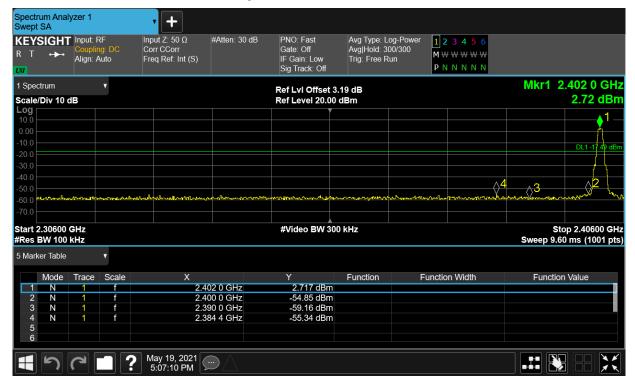
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE	2402	Ant1	-57.85	-20	Pass
NVNT	BLE	2480	Ant1	-57.49	-20	Pass

Band Edge NVNT BLE 2402MHz Ant1 Ref

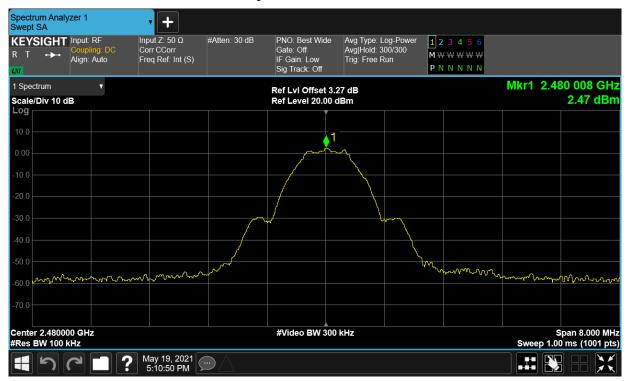




Band Edge NVNT BLE 2402MHz Ant1 Emission



Band Edge NVNT BLE 2480MHz Ant1 Ref



Band Edge NVNT BLE 2480MHz Ant1 Emission





Conducted RF Spurious Emission

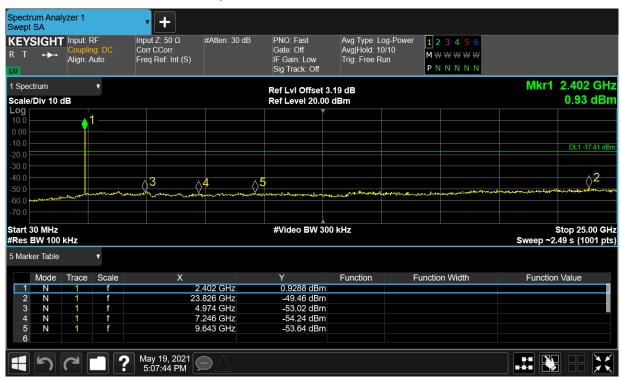
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE	2402	Ant1	-52.05	-20	Pass
NVNT	BLE	2442	Ant1	-52.11	-20	Pass
NVNT	BLE	2480	Ant1	-51.82	-20	Pass

Tx. Spurious NVNT BLE 2402MHz Ant1 Ref



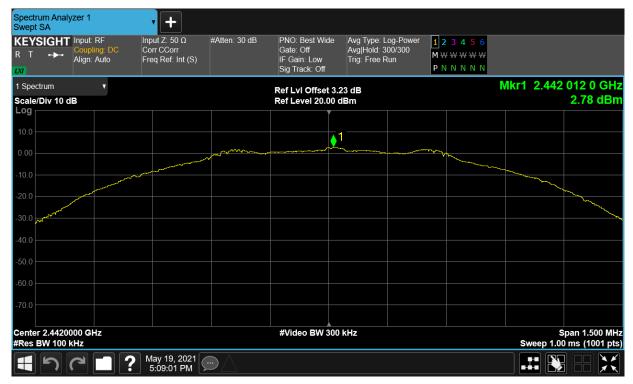


Tx. Spurious NVNT BLE 2402MHz Ant1 Emission



Tx. Spurious NVNT BLE 2442MHz Ant1 Ref



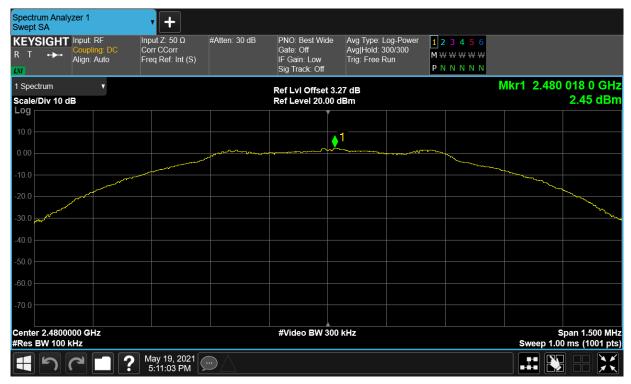


Tx. Spurious NVNT BLE 2442MHz Ant1 Emission



Tx. Spurious NVNT BLE 2480MHz Ant1 Ref





Tx. Spurious NVNT BLE 2480MHz Ant1 Emission

