

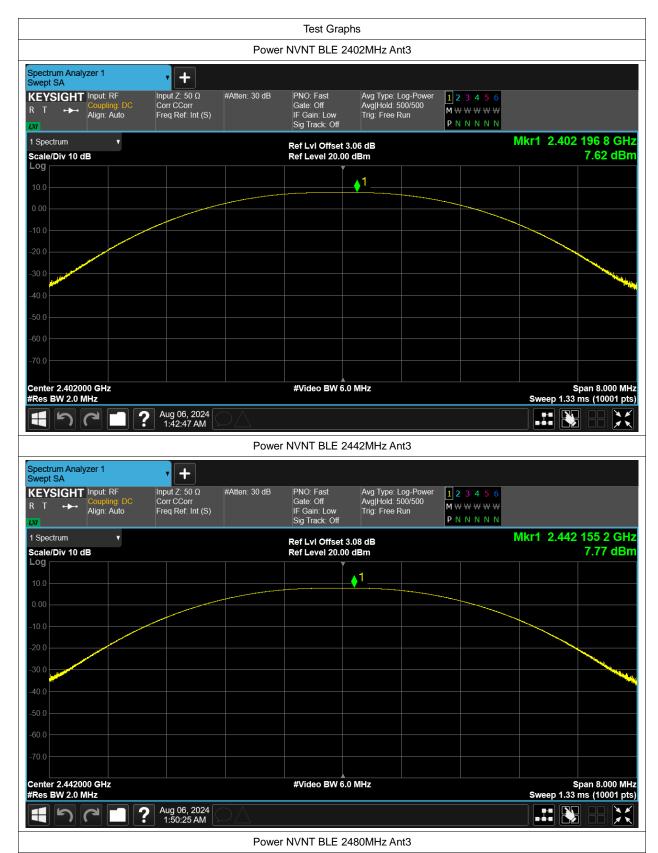


Test Data

Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	EIRP Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE	2402	Ant3	7.621	8.921	30	Pass
NVNT	BLE	2442	Ant3	7.77	9.07	30	Pass
NVNT	BLE	2480	Ant3	6.787	8.087	30	Pass













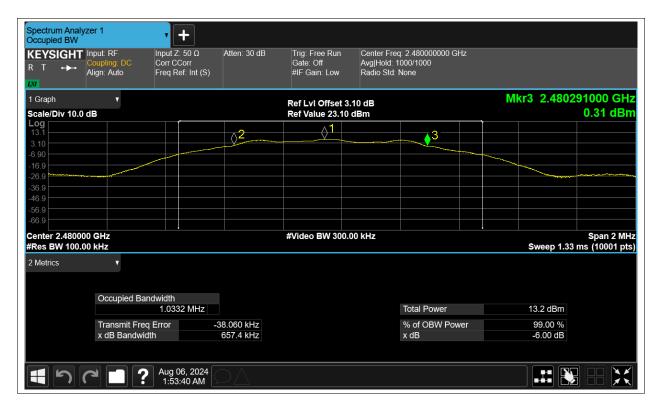
-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	limit	Verdic
NVNT	BLE	2402	Ant3	0.66	0.5	Pass
NVNT	BLE	2442	Ant3	0.659	0.5	Pass
NVNT	BLE	2480	Ant3	0.657	0.5	Pass













Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)	
NVNT	BLE	2402	Ant3	1.028	
NVNT	BLE	2442	Ant3	1.028	
NVNT	BLE	2480	Ant3	1.029	









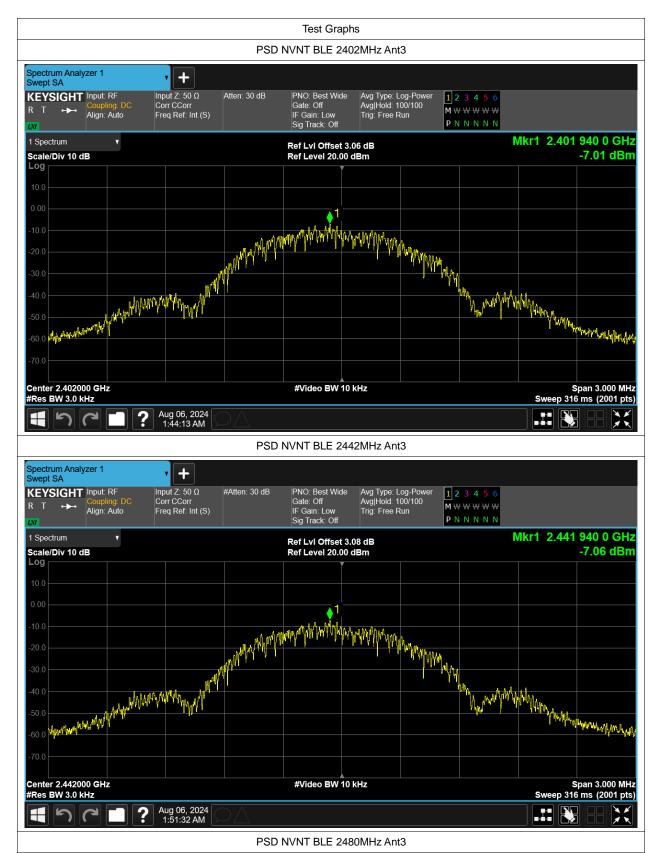




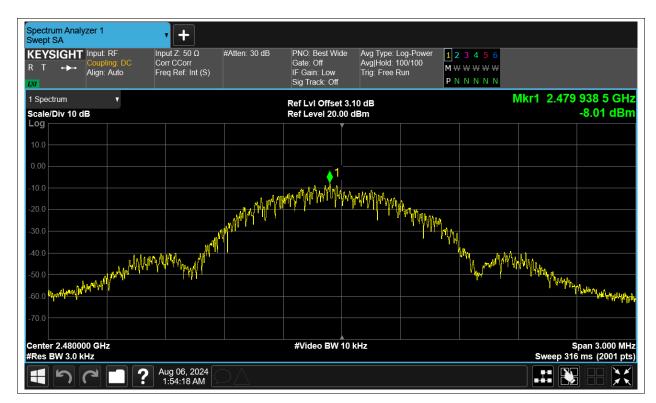
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	BLE	2402	Ant3	-7.008	8	Pass
NVNT	BLE	2442	Ant3	-7.062	8	Pass
NVNT	BLE	2480	Ant3	-8.01	8	Pass









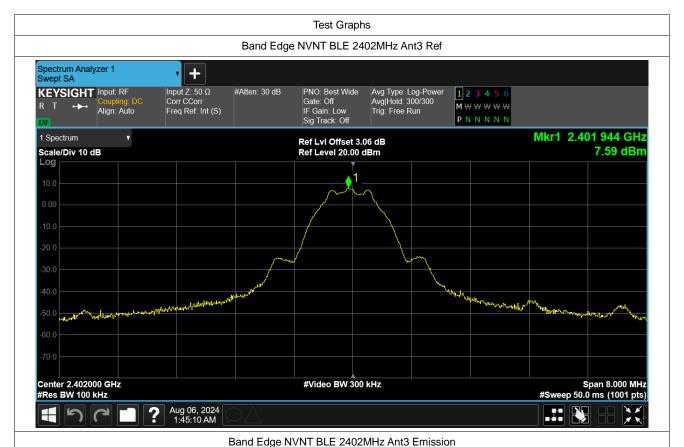




Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE	2402	Ant3	-61.92	-20	Pass
NVNT	BLE	2480	Ant3	-54.06	-20	Pass

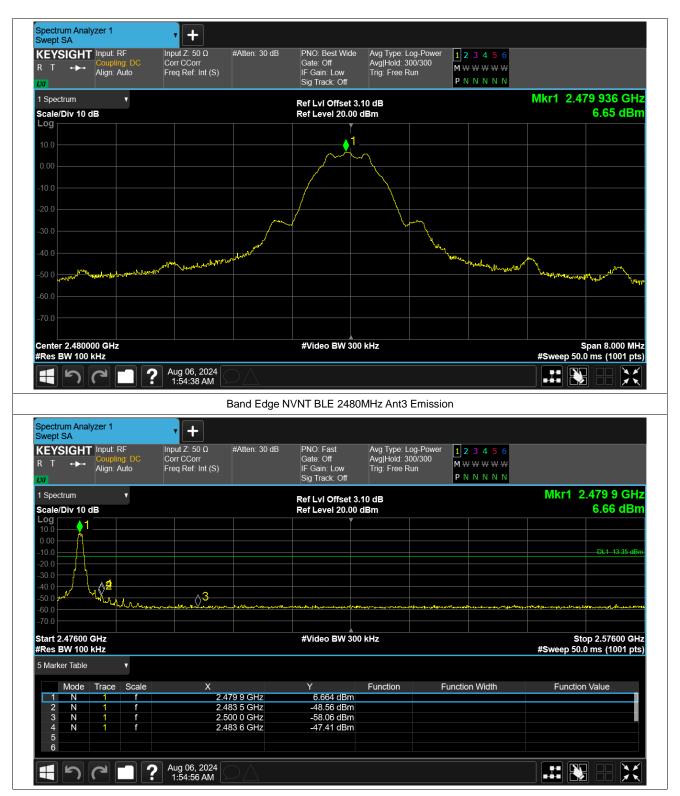




Spectrum Analyzer 1 Swept SA Input Z: 50 Ω #Atten: 30 dB KEYSIGHT Input: RF PNO: Fast Avg Type: Log-Power 1 2 3 4 5 6 Gate: Off IF Gain: Low Sig Track: Off Corr CCorr Freq Ref: Int (S) Avg|Hold: 300/300 Trig: Free Run $M \otimes W \otimes W \otimes W$ Align: Auto/No RF PNNNNN Mkr1 2.402 0 GHz Ref LvI Offset 2.56 dB 8.17 dBm Scale/Div 10 dB Ref Level 20.00 dBm **∆**4 Start 2.30600 GHz #Video BW 300 kHz Stop 2.40600 GHz #Res BW 100 kHz Sweep 9.60 ms (1001 pts) 5 Marker Table Function **Function Width** Function Value Mode Trace Scale 2.402 0 GHz 8.167 dBm 2.400 0 GHz Ν -45.11 dBm N N 2.390 0 GHz -59.61 dBm 2.363 3 GHz -53.50 dBm 5 6 Aug 06, 2024 1:45:27 AM

Band Edge NVNT BLE 2480MHz Ant3 Ref









Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE	2402	Ant3	-57.45	-20	Pass
NVNT	BLE	2442	Ant3	-56.75	-20	Pass
NVNT	BLE	2480	Ant3	-56.43	-20	Pass









Tx. Spurious NVNT BLE 2480MHz Ant3 Ref

-54.71 dBm -49.18 dBm

N N

N

23.901 GHz

Aug 06, 2024 1:52:06 AM



