



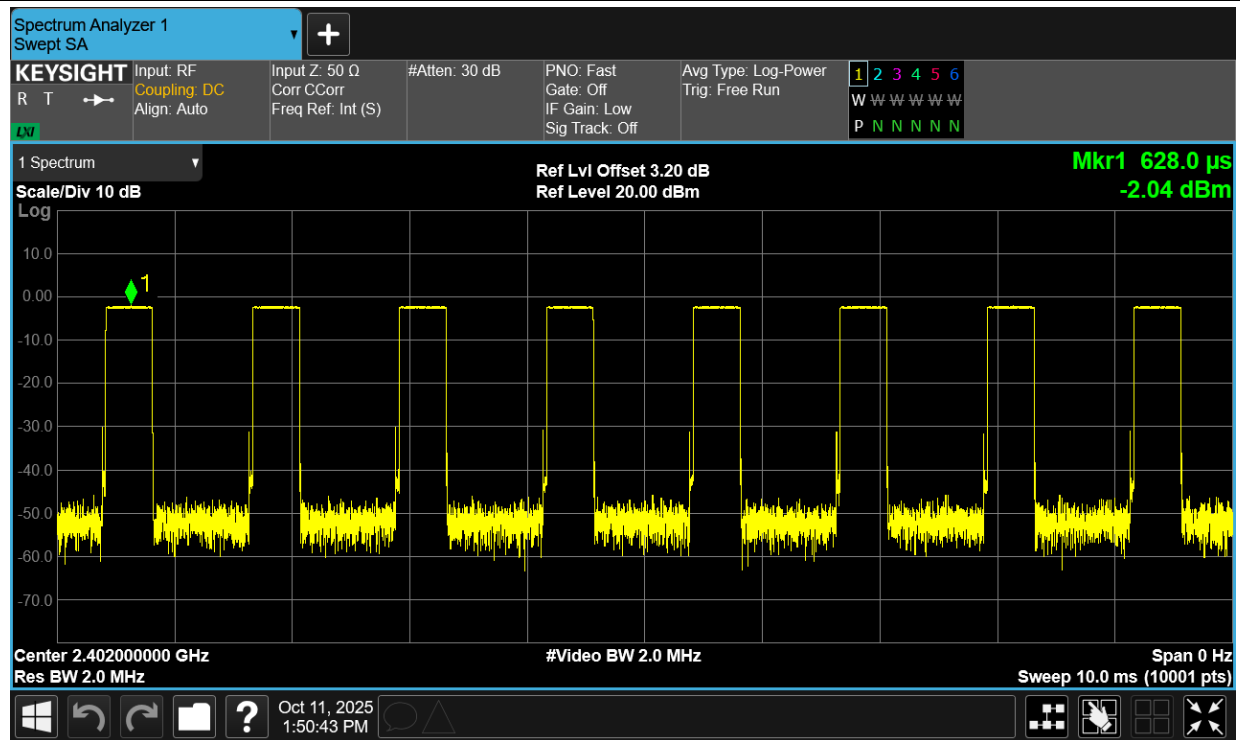
Test Data

Duty Cycle

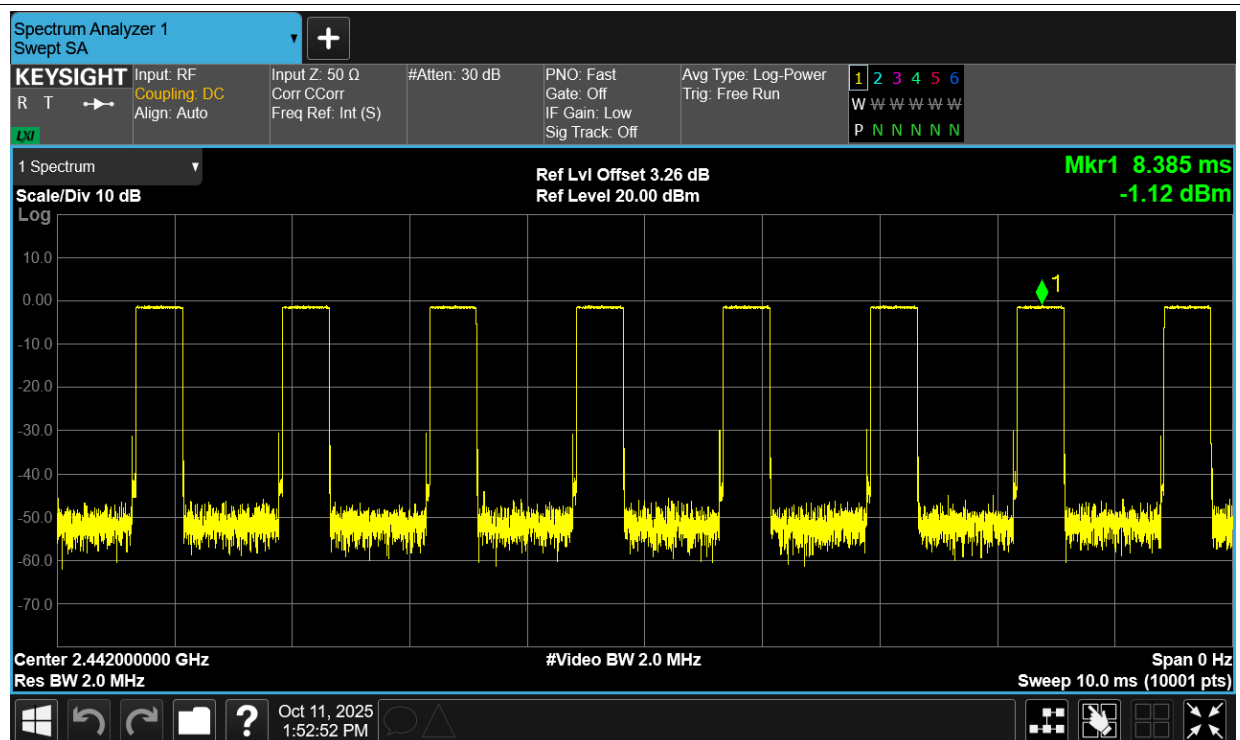
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	BLE	2402	Ant1	32.22	4.92
NVNT	BLE	2442	Ant1	32.27	4.91
NVNT	BLE	2480	Ant1	32.33	4.9

Test Graphs

Duty Cycle NVNT BLE 2402MHz Ant1



Duty Cycle NVNT BLE 2442MHz Ant1



Duty Cycle NVNT BLE 2480MHz Ant1





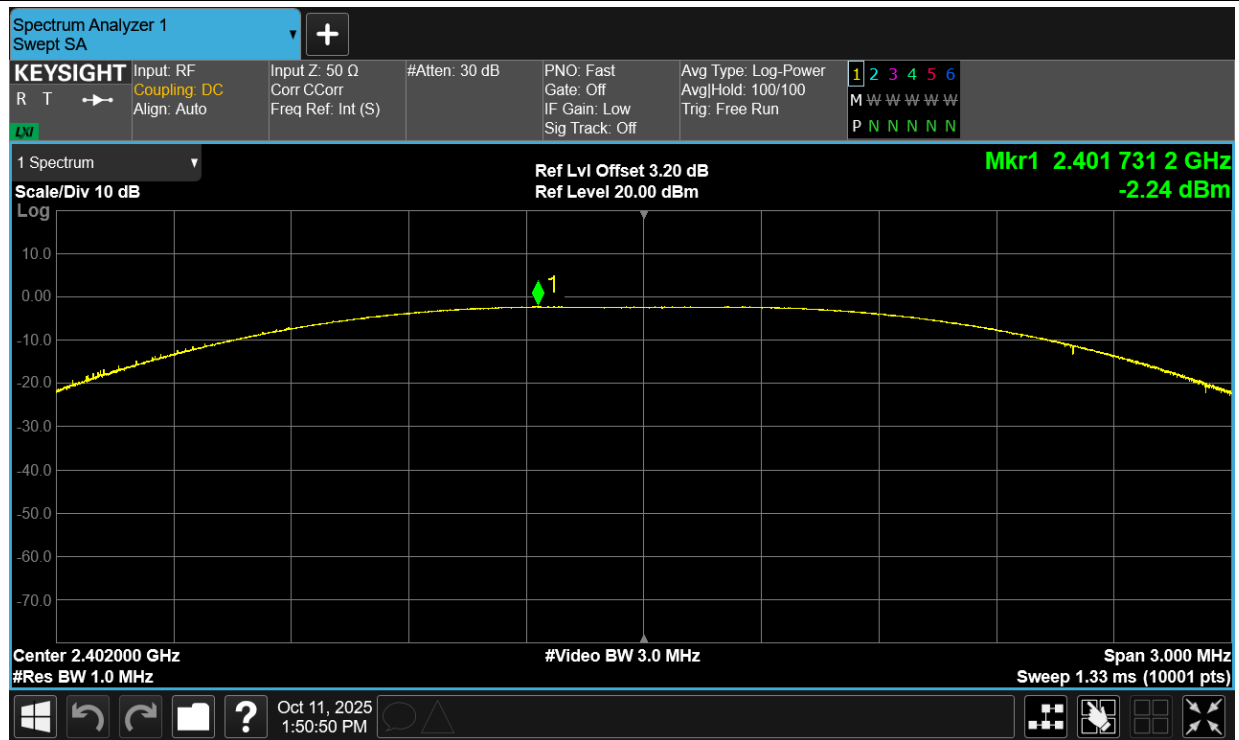
Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE	2402	Ant1	-2.237	30	Pass
NVNT	BLE	2442	Ant1	-1.273	30	Pass
NVNT	BLE	2480	Ant1	-0.941	30	Pass

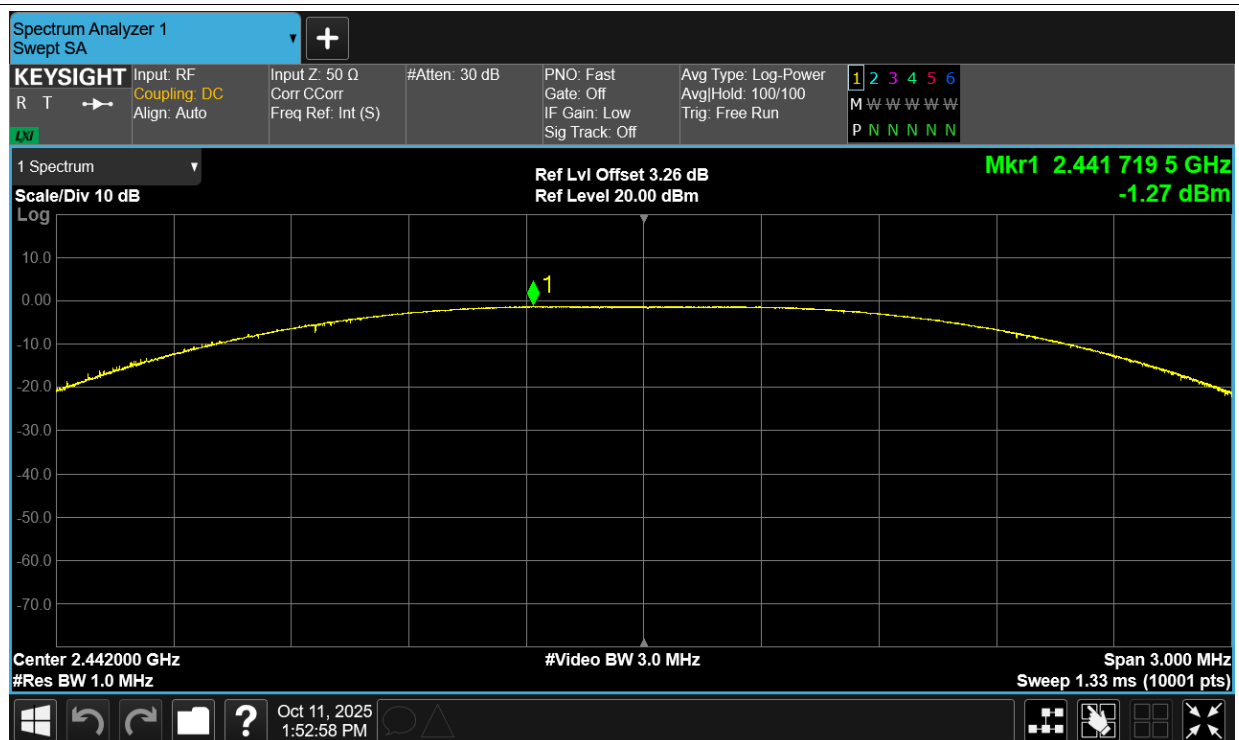


Test Graphs

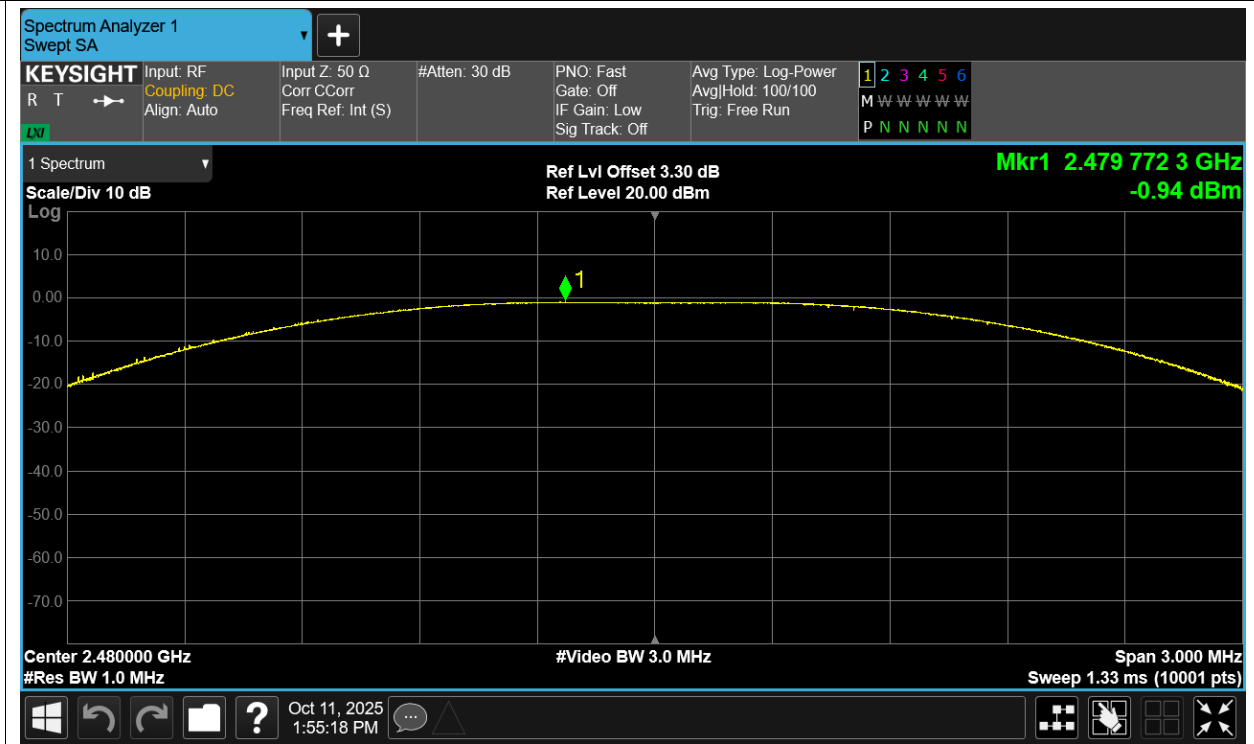
Power NVNT BLE 2402MHz Ant1



Power NVNT BLE 2442MHz Ant1



Power NVNT BLE 2480MHz Ant1





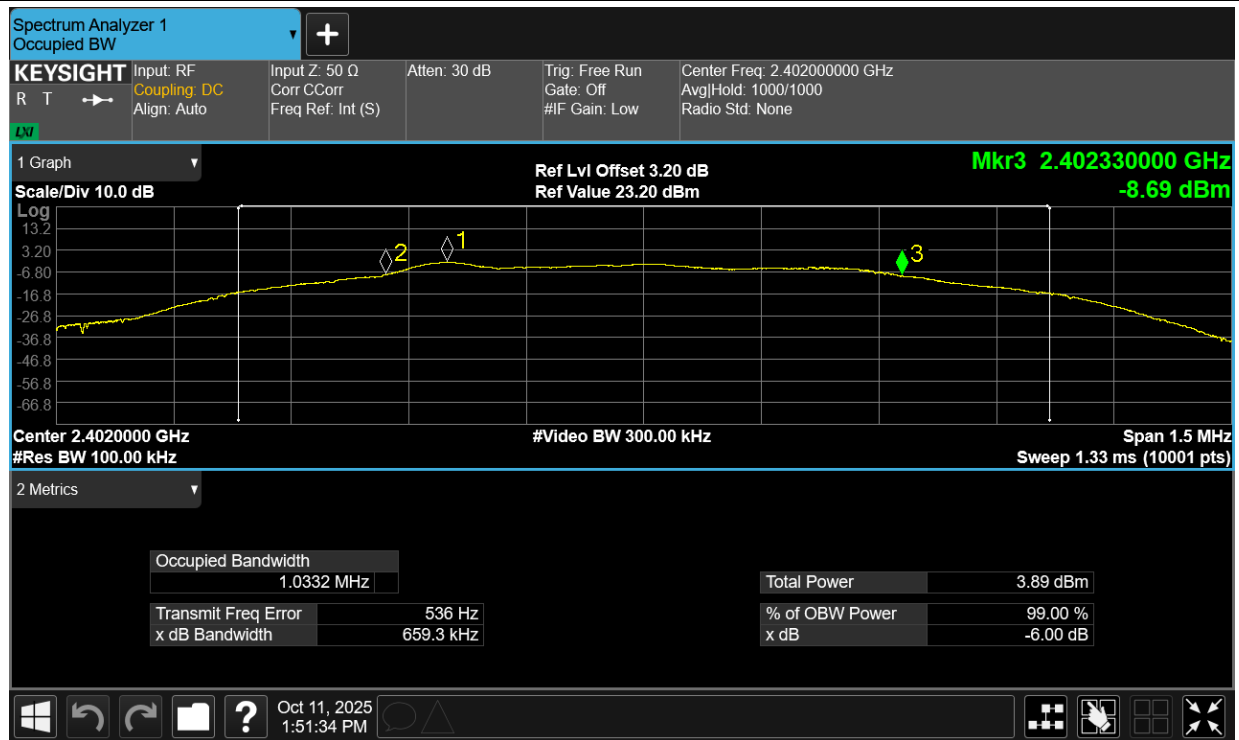
-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	limit (MHz)	Verdic
NVNT	BLE	2402	Ant1	0.659	0.5	Pass
NVNT	BLE	2442	Ant1	0.657	0.5	Pass
NVNT	BLE	2480	Ant1	0.658	0.5	Pass



Test Graphs

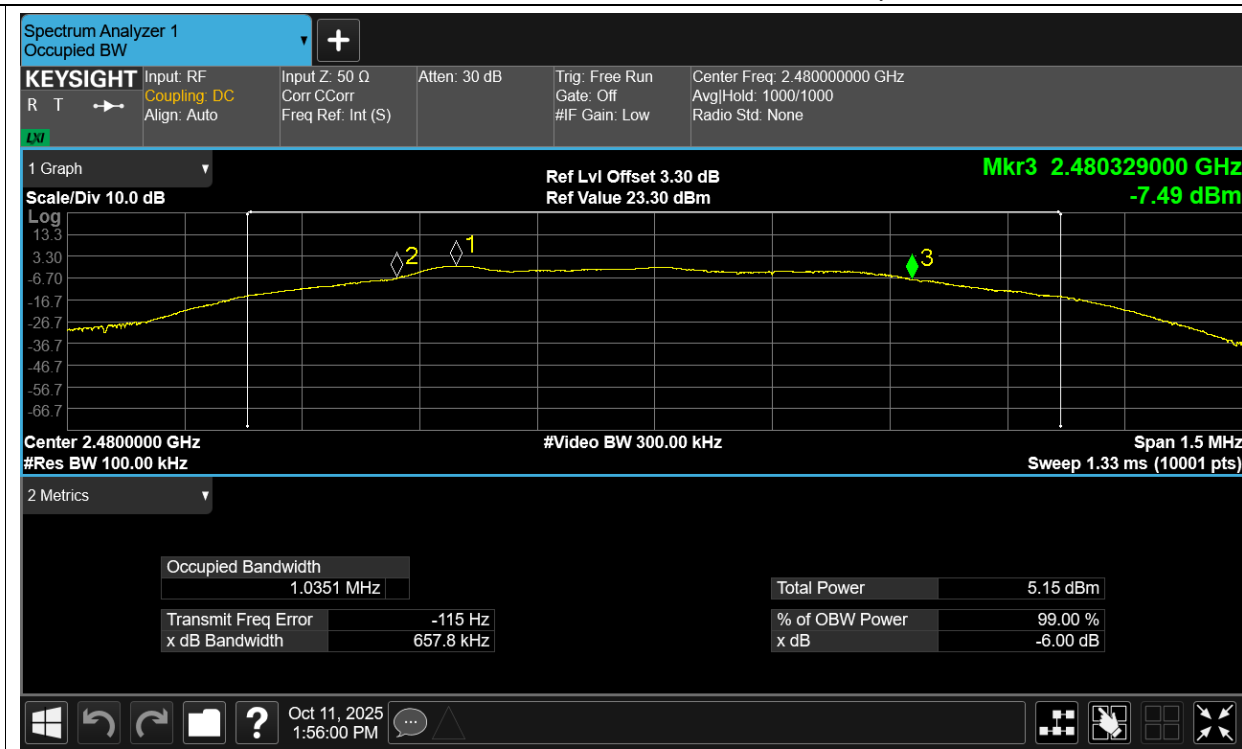
-6dB Bandwidth NVNT BLE 2402MHz Ant1



-6dB Bandwidth NVNT BLE 2442MHz Ant1



-6dB Bandwidth NVNT BLE 2480MHz Ant1





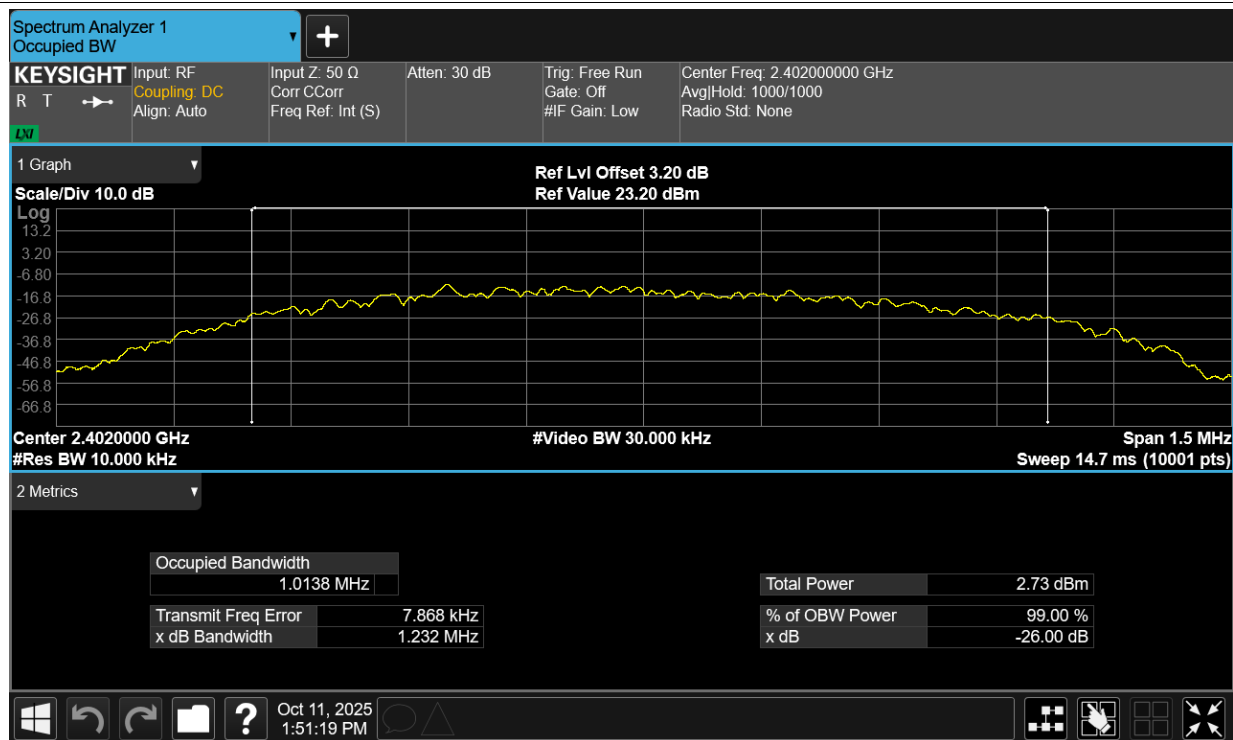
Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	BLE	2402	Ant1	1.014
NVNT	BLE	2442	Ant1	1.014
NVNT	BLE	2480	Ant1	1.015

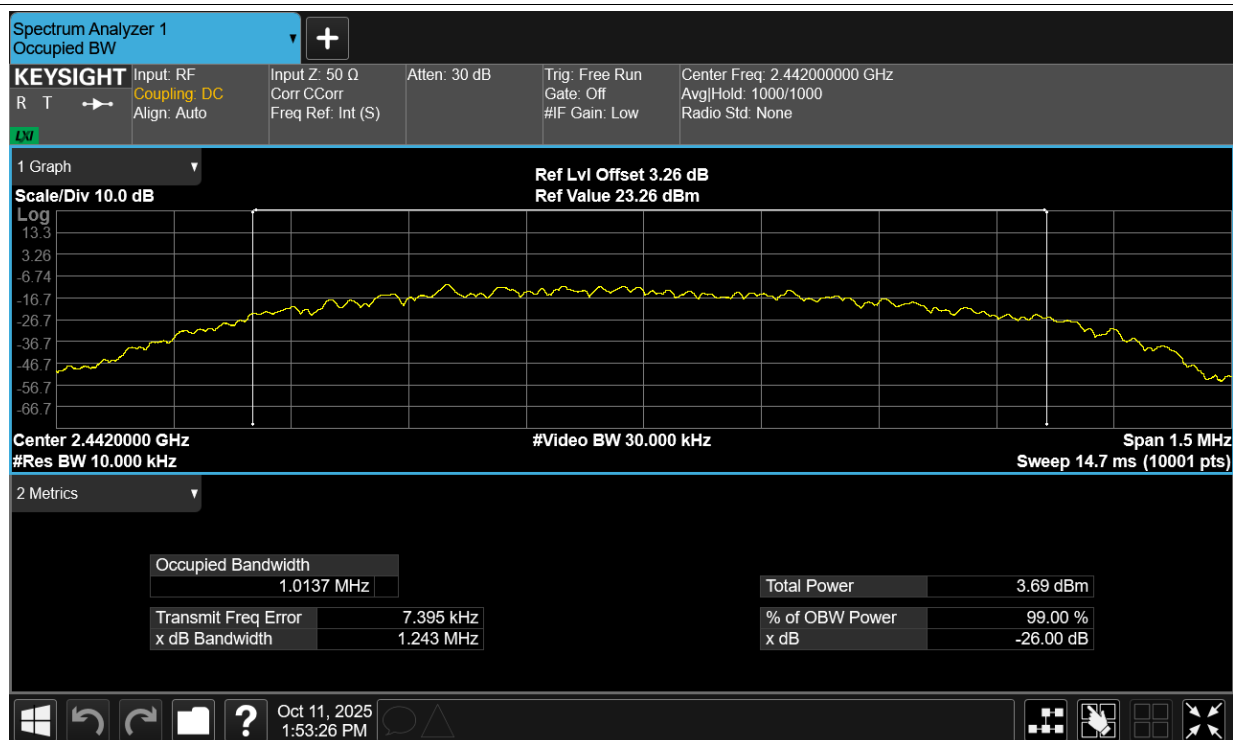


Test Graphs

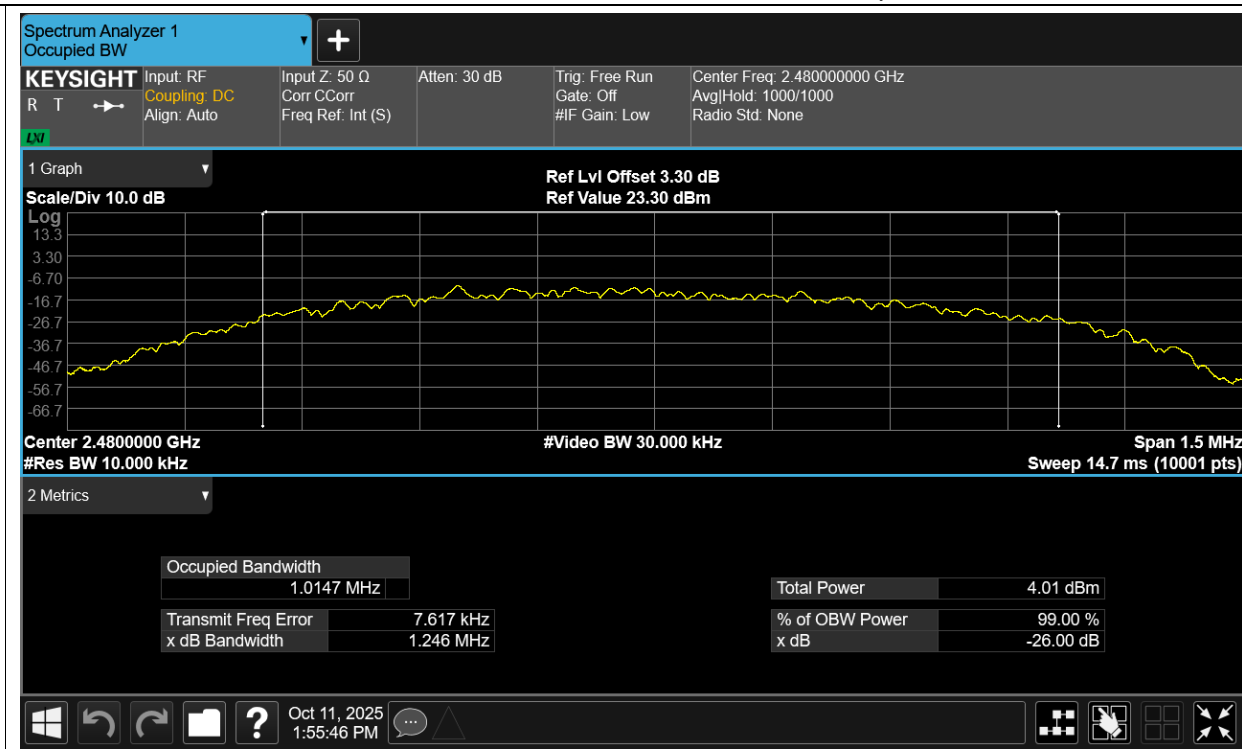
OBW NVNT BLE 2402MHz Ant1



OBW NVNT BLE 2442MHz Ant1



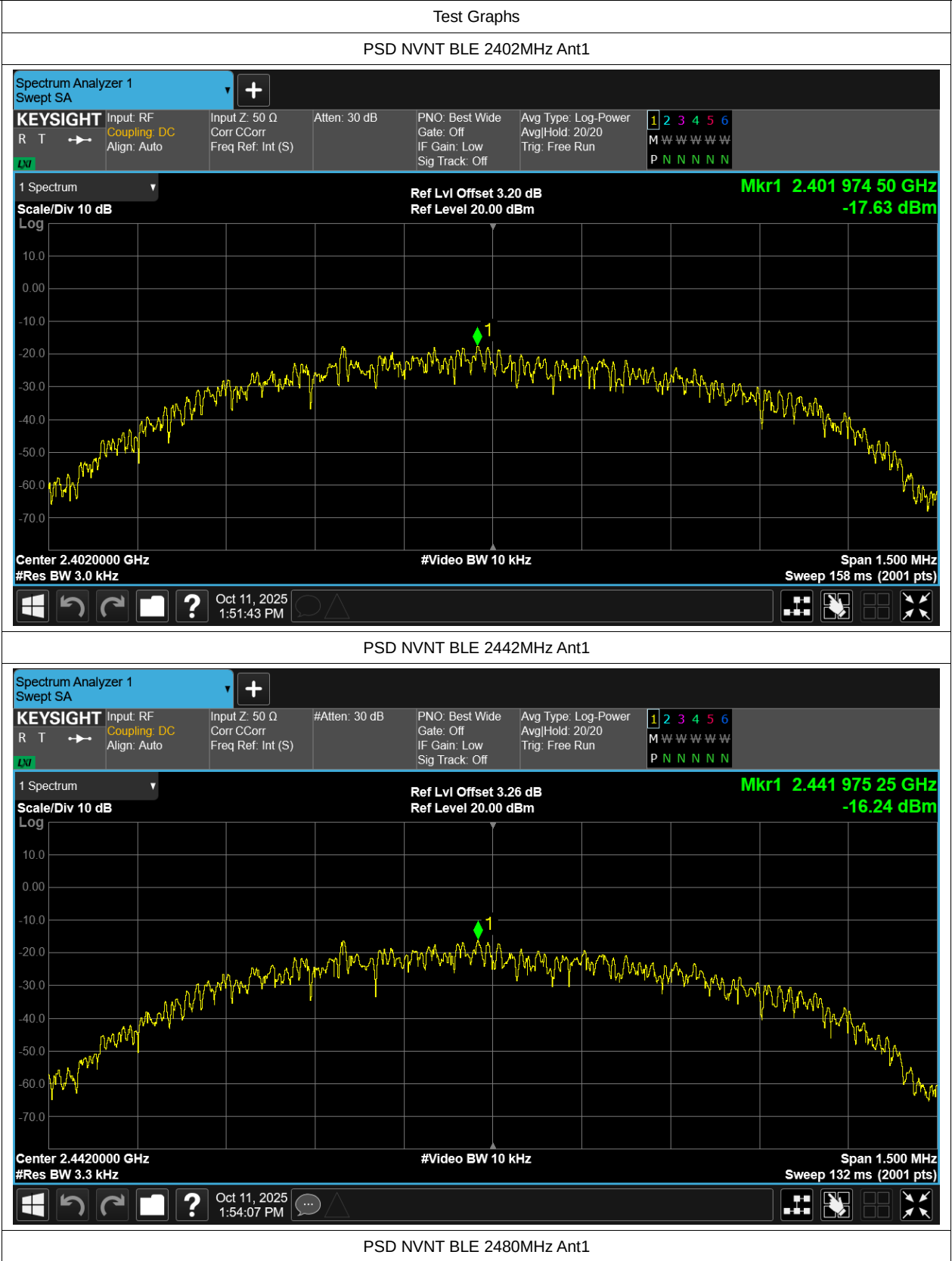
OBW NVNT BLE 2480MHz Ant1

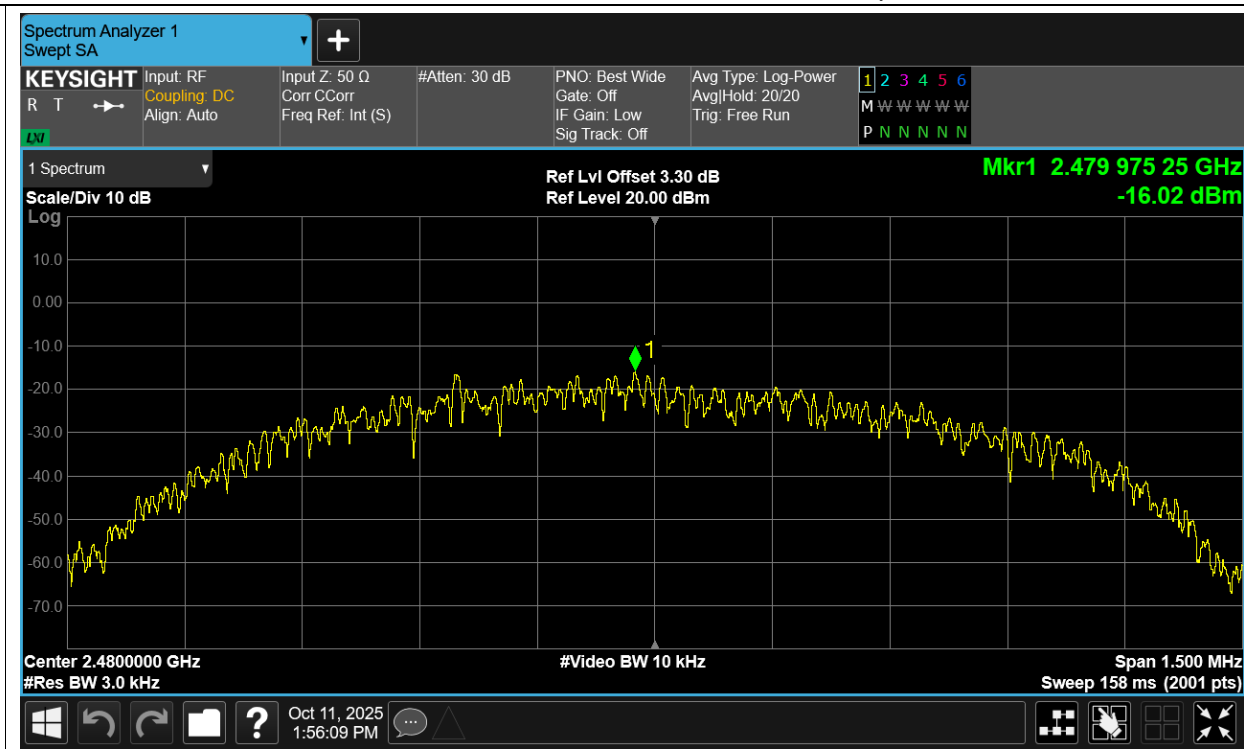




Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm/3KHz)	Limit(dBm/3KHz)	Verdict
NVNT	BLE	2402	Ant1	-17.627	8	Pass
NVNT	BLE	2442	Ant1	-16.244	8	Pass
NVNT	BLE	2480	Ant1	-16.025	8	Pass







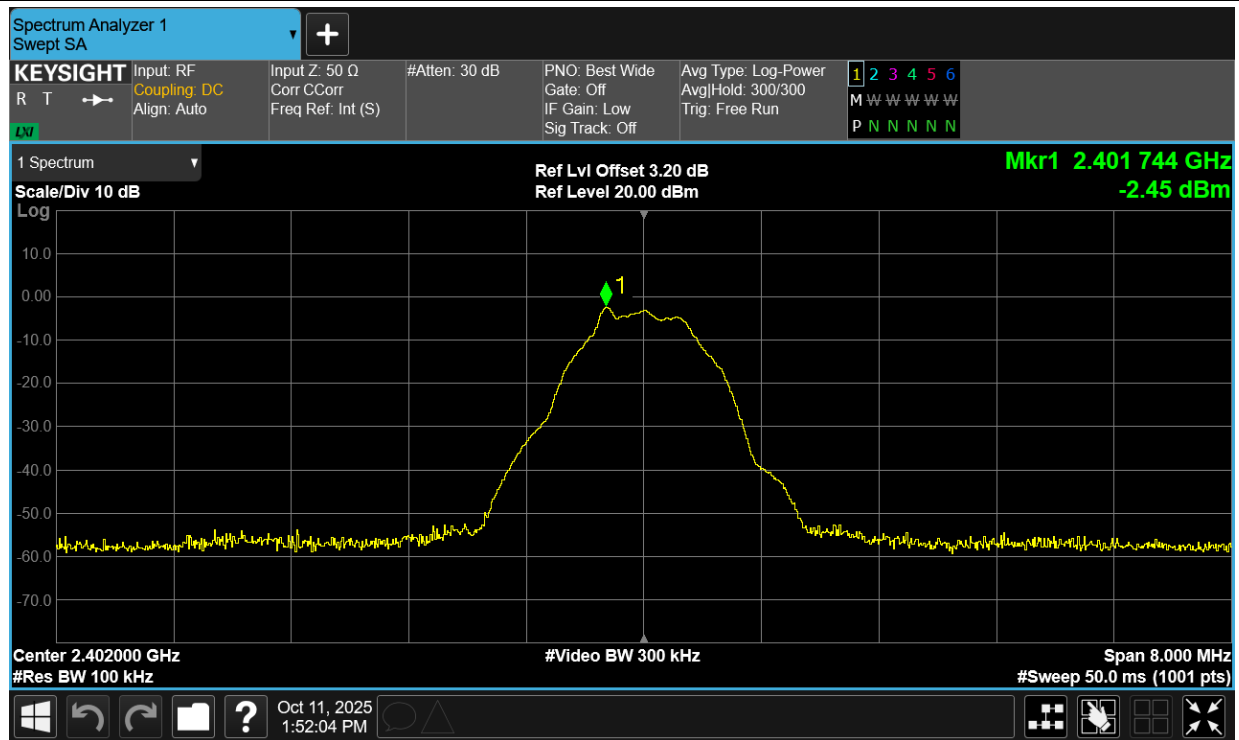
Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE	2402	Ant1	-54.28	-20	Pass
NVNT	BLE	2480	Ant1	-54.6	-20	Pass

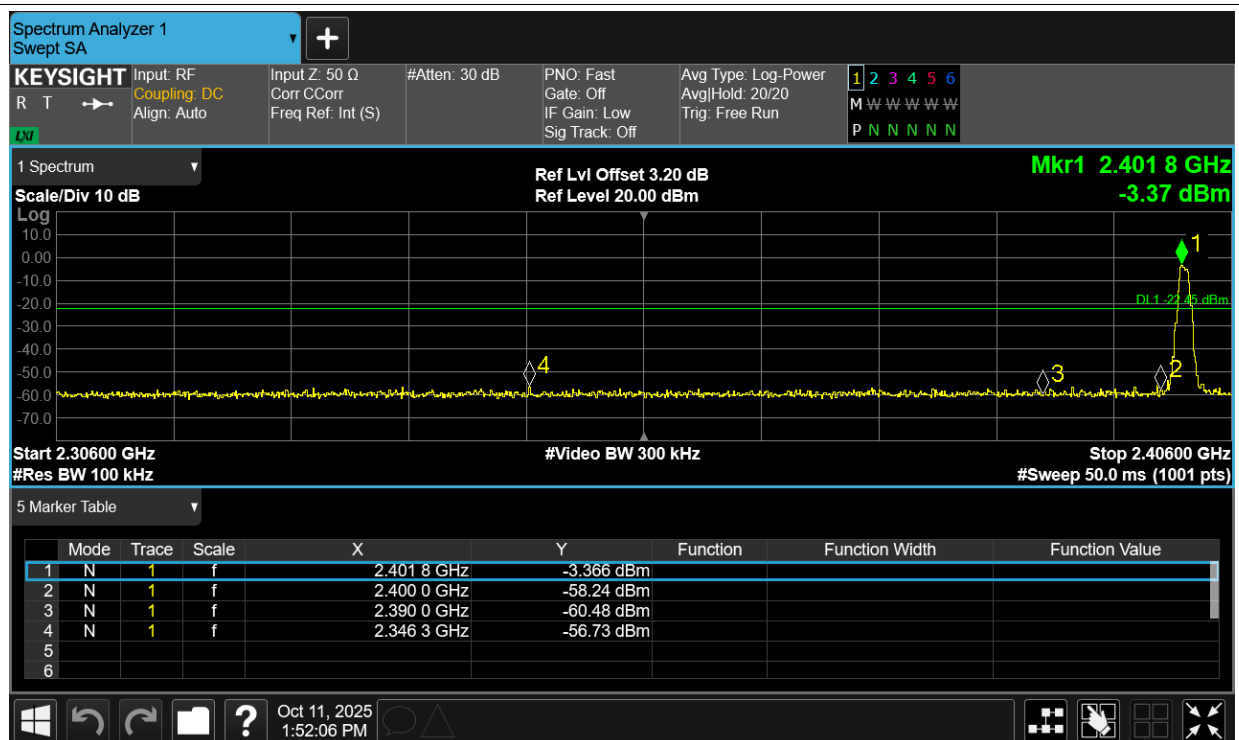


Test Graphs

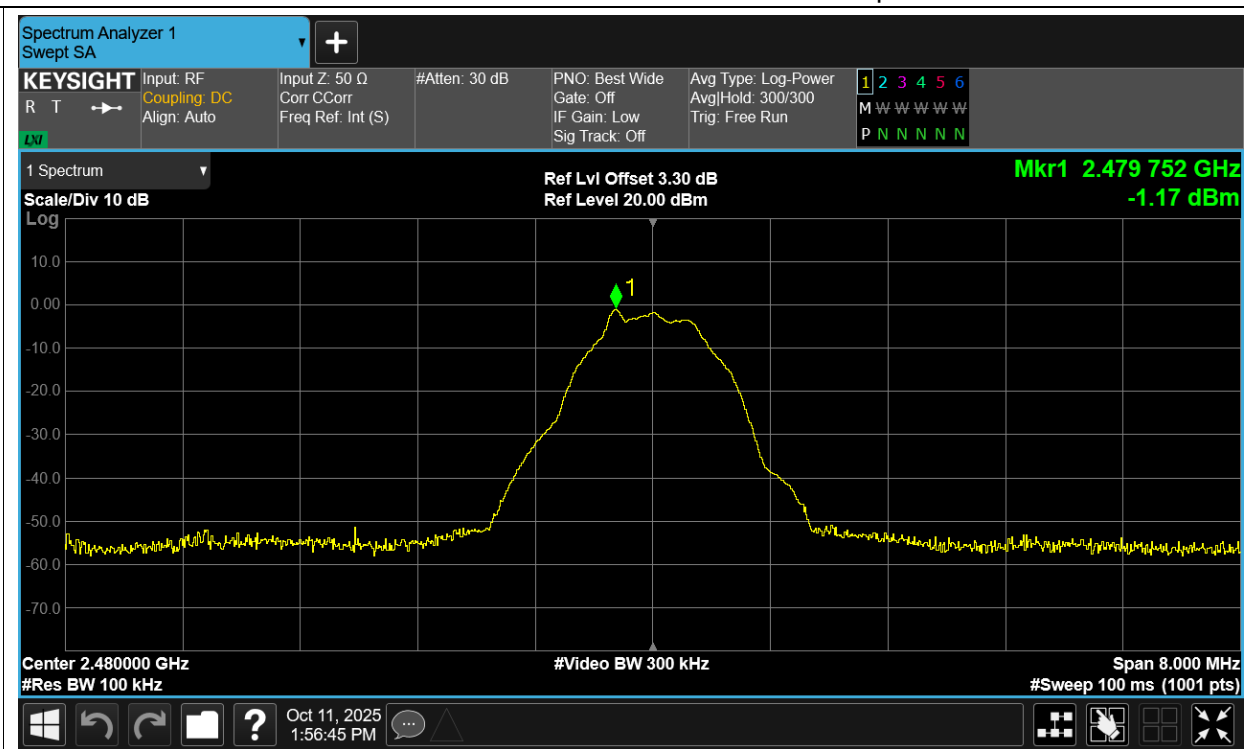
Band Edge NVNT BLE 2402MHz Ant1 Ref



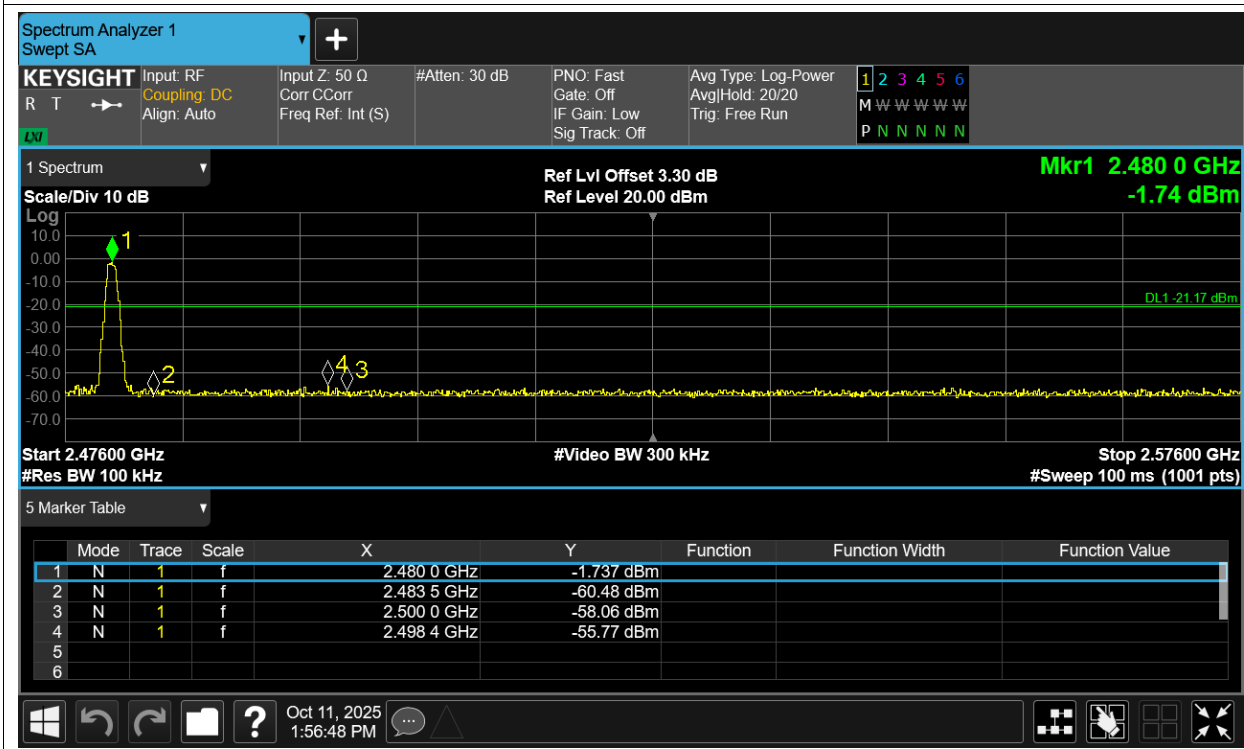
Band Edge NVNT BLE 2402MHz Ant1 Emission



Band Edge NVNT BLE 2480MHz Ant1 Ref



Band Edge NVNT BLE 2480MHz Ant1 Emission





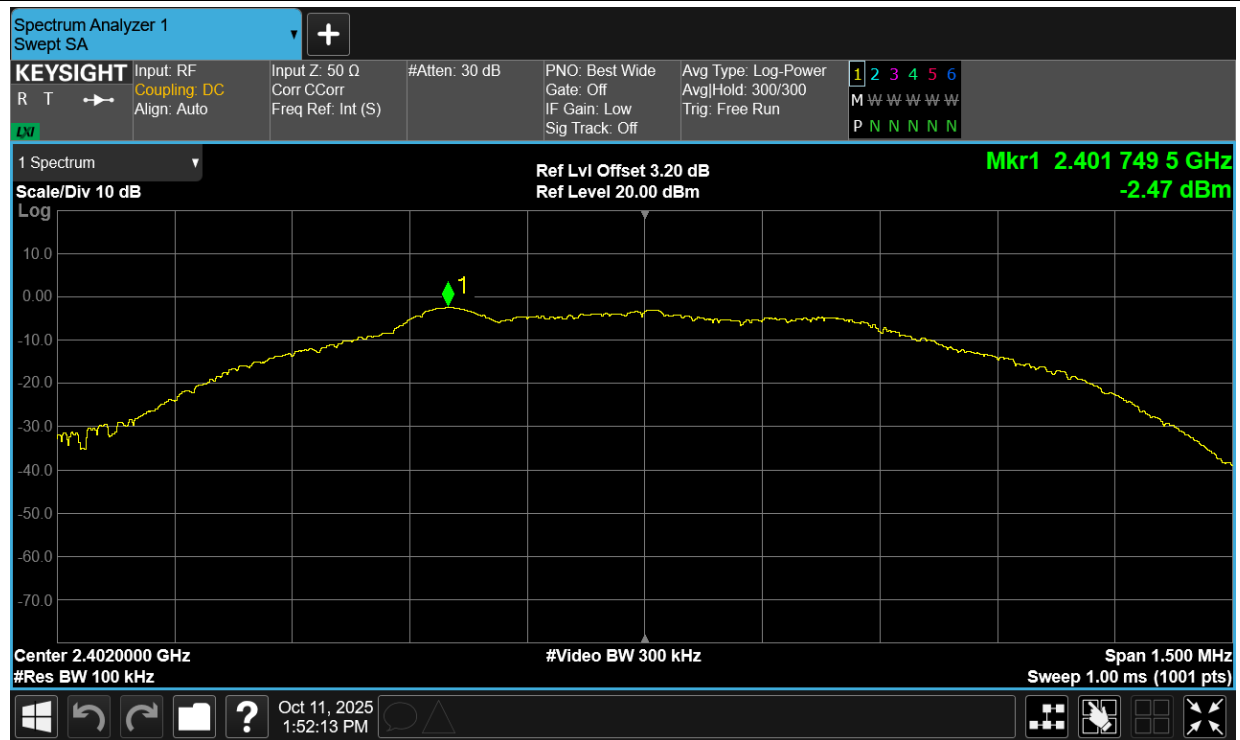
Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE	2402	Ant1	-45.17	-20	Pass
NVNT	BLE	2442	Ant1	-45.45	-20	Pass
NVNT	BLE	2480	Ant1	-45.76	-20	Pass

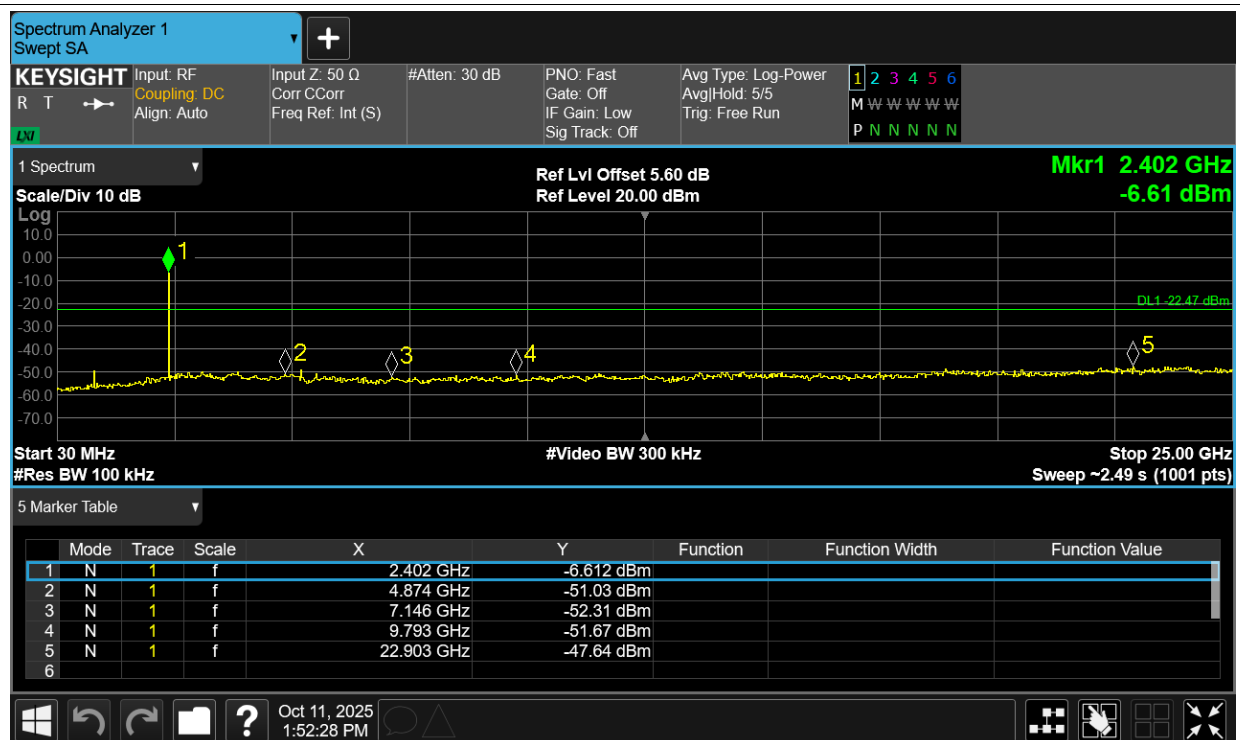


Test Graphs

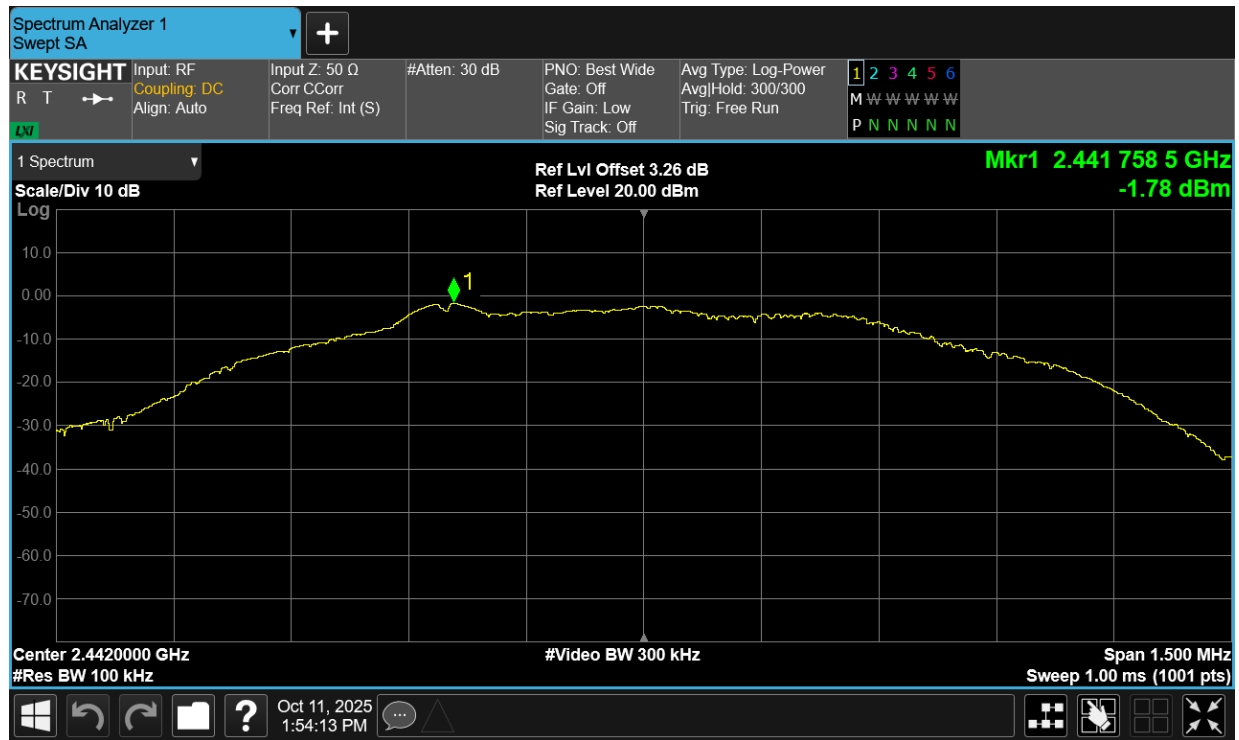
Tx. Spurious NVNT BLE 2402MHz Ant1 Ref



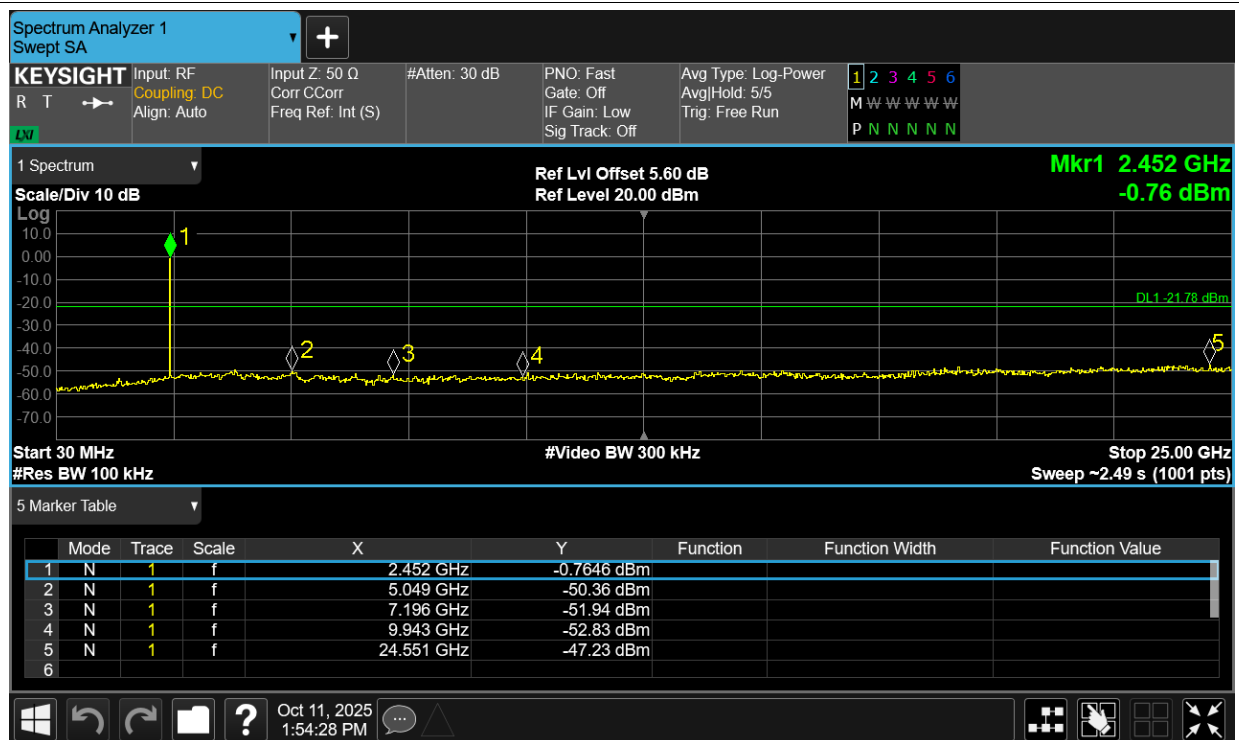
Tx. Spurious NVNT BLE 2402MHz Ant1 Emission



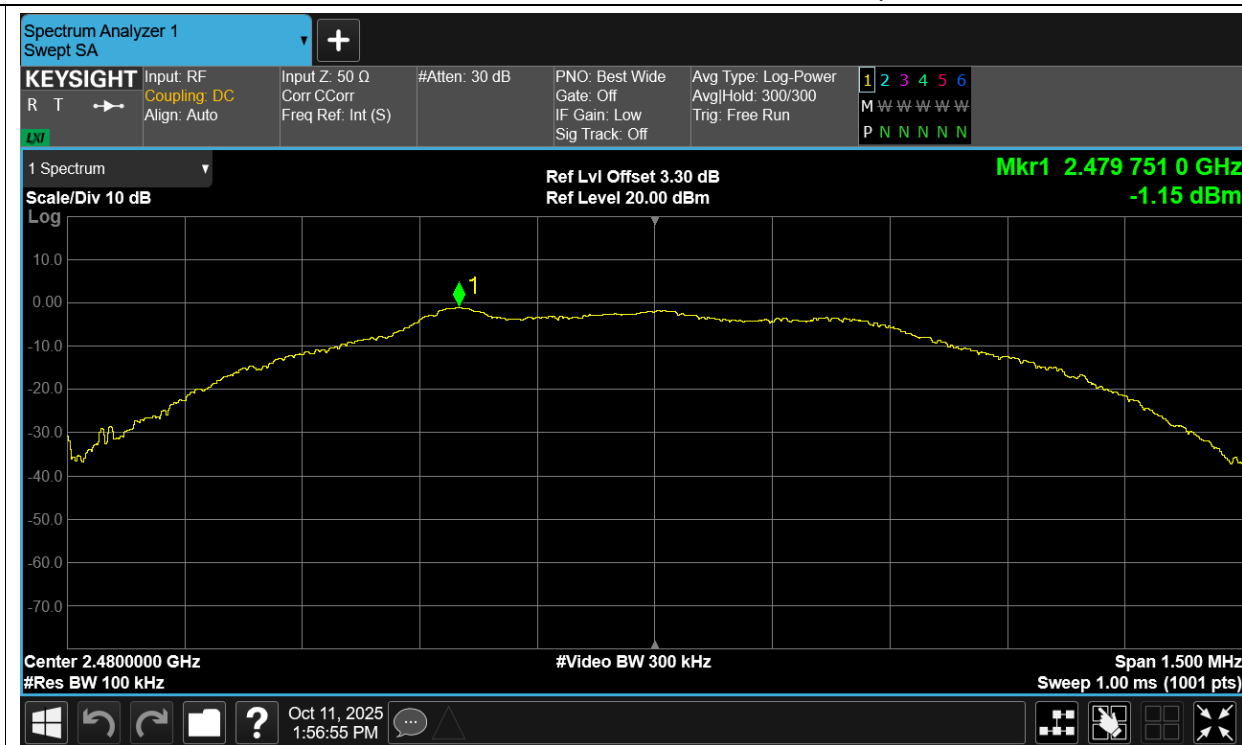
Tx. Spurious NVNT BLE 2442MHz Ant1 Ref



Tx. Spurious NVNT BLE 2442MHz Ant1 Emission



Tx. Spurious NVNT BLE 2480MHz Ant1 Ref



Tx. Spurious NVNT BLE 2480MHz Ant1 Emission

