

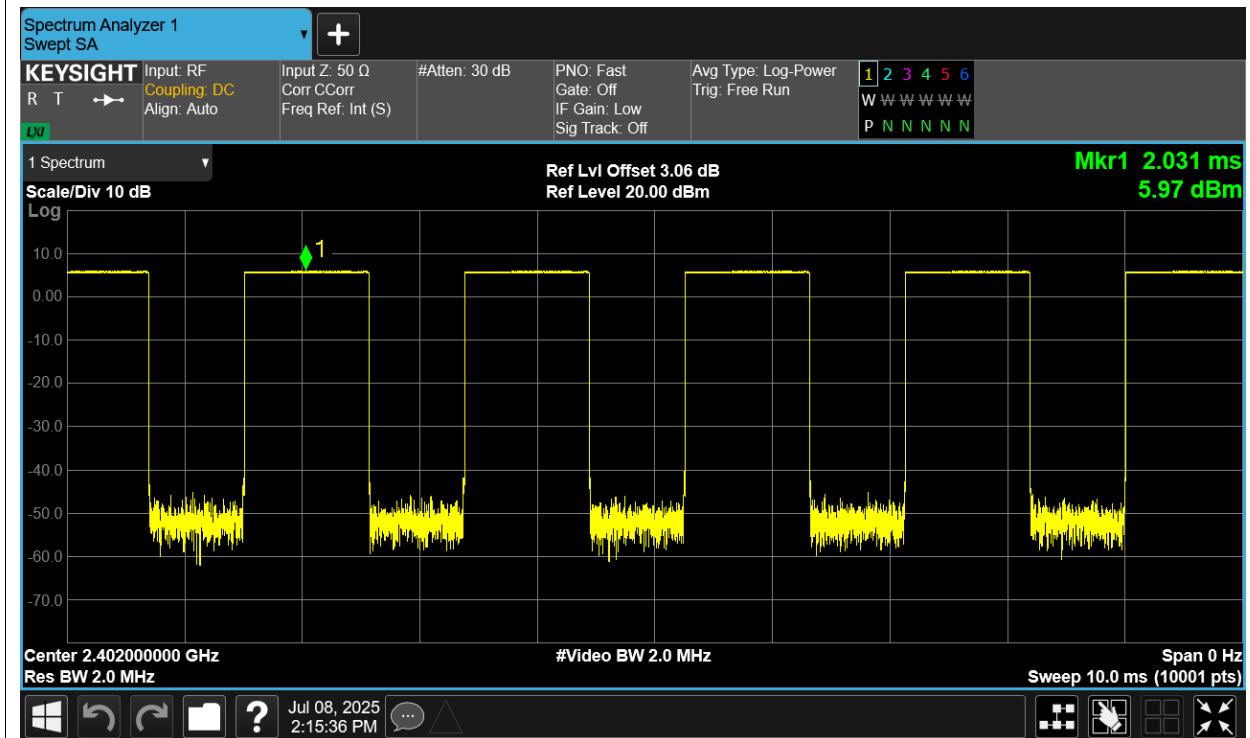
Test Data

Duty Cycle

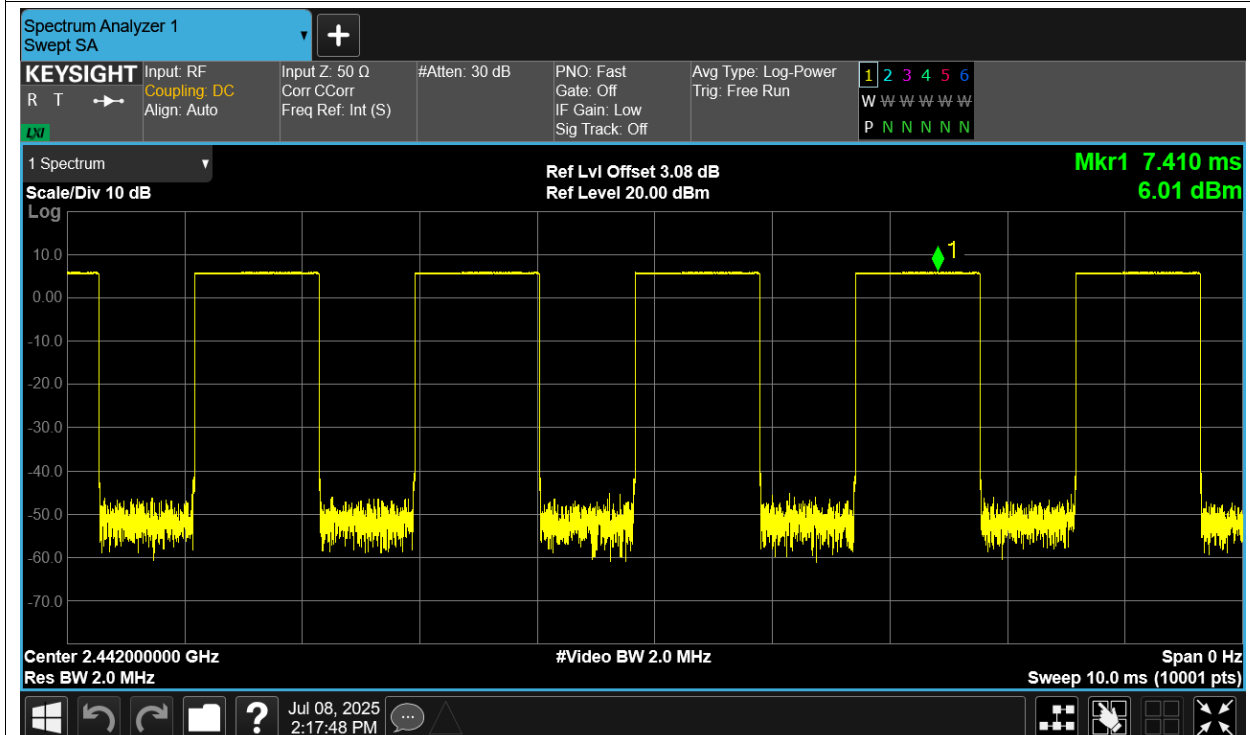
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	BLE	2402	Ant3	59.4	2.26
NVNT	BLE	2442	Ant3	55.83	2.53
NVNT	BLE	2480	Ant3	53.53	2.71

Test Graphs

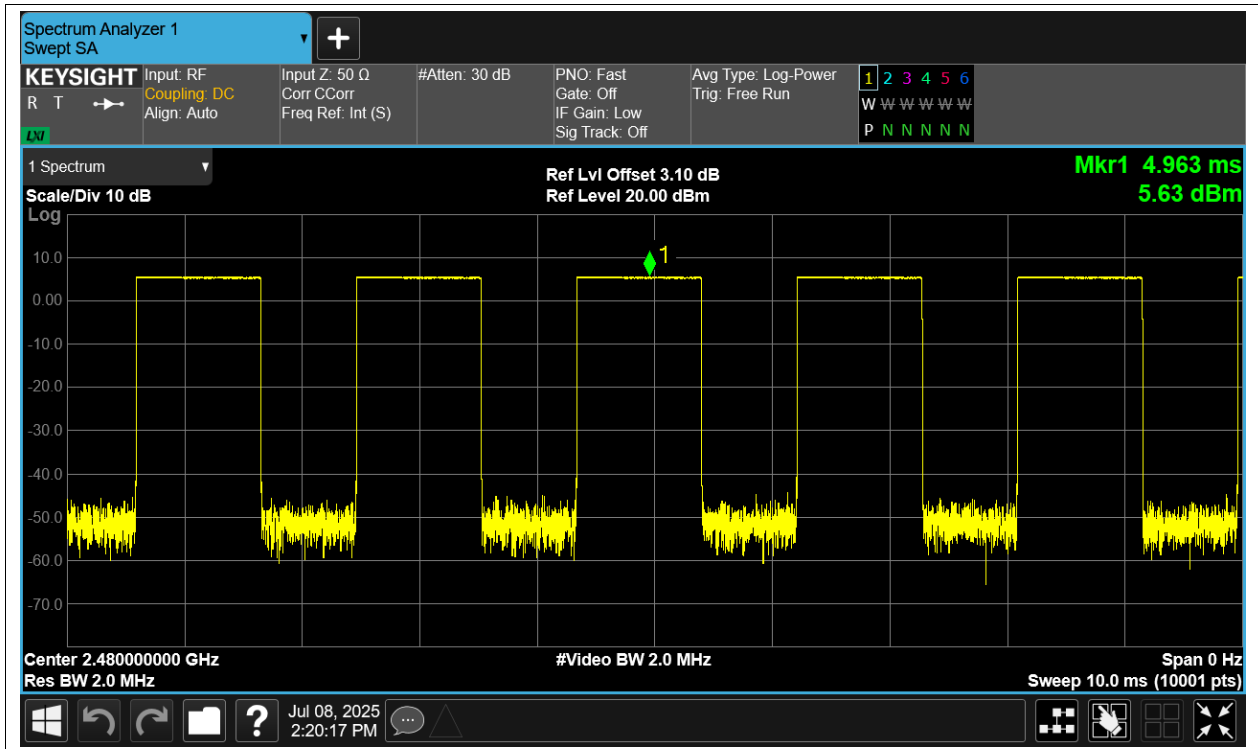
Duty Cycle NVNT BLE 2402MHz Ant3



Duty Cycle NVNT BLE 2442MHz Ant3

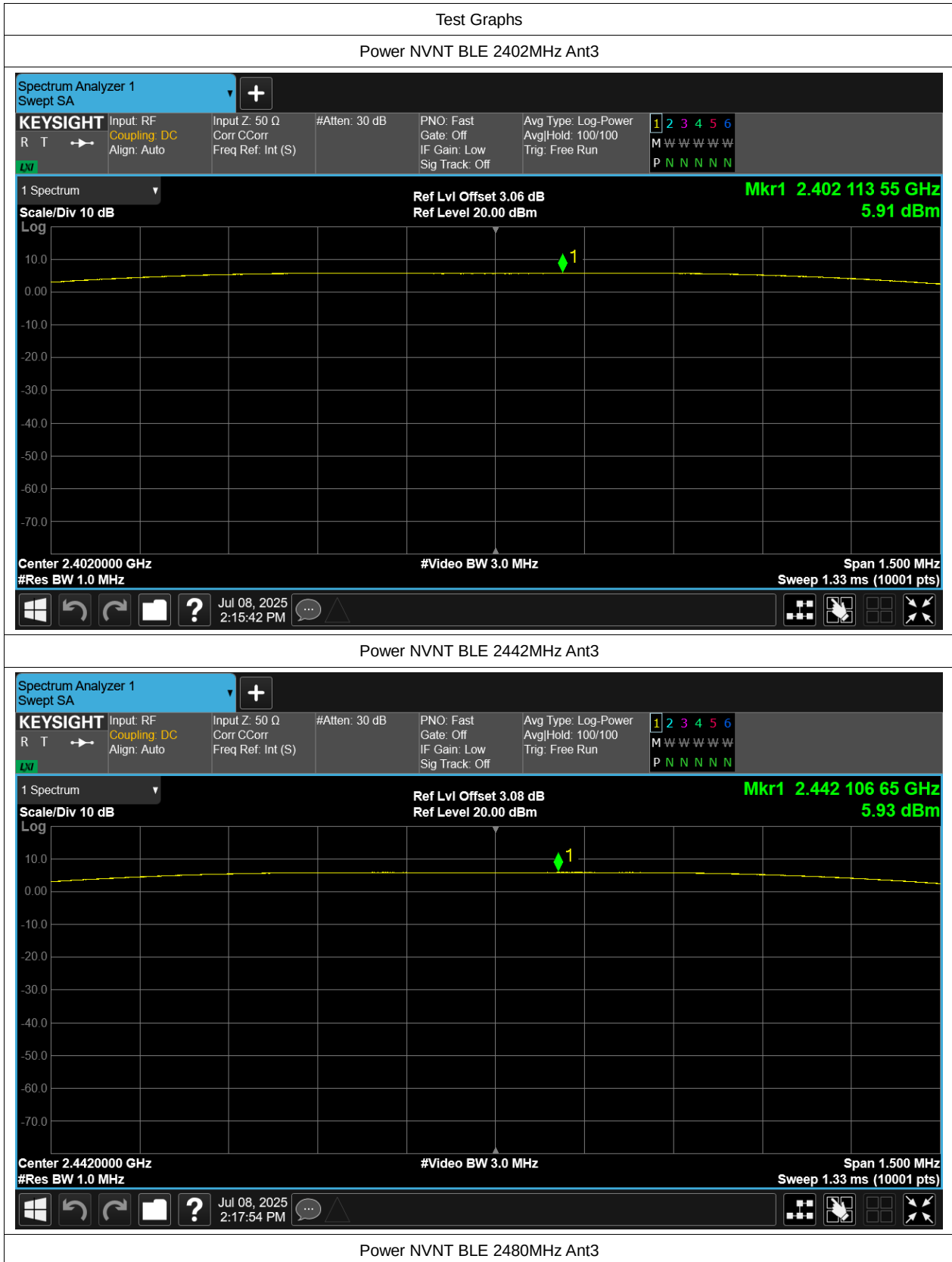


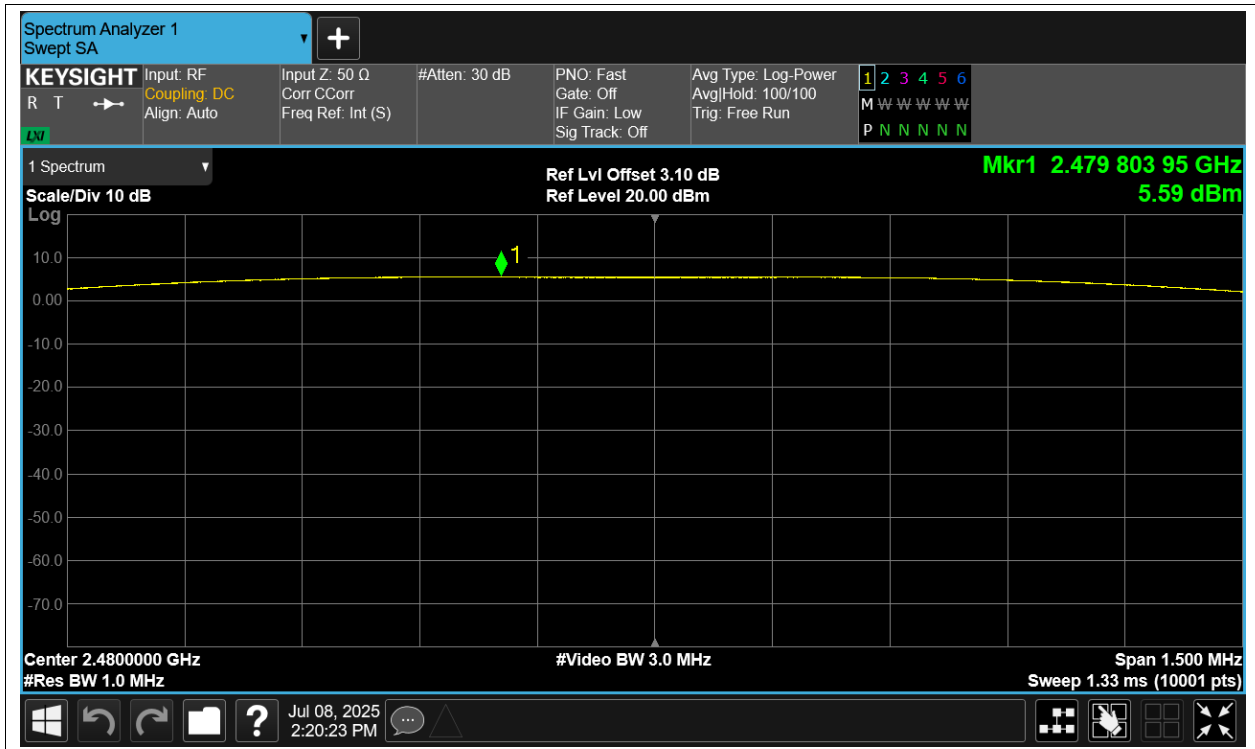
Duty Cycle NVNT BLE 2480MHz Ant3



Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE	2402	Ant3	5.909	30	Pass
NVNT	BLE	2442	Ant3	5.934	30	Pass
NVNT	BLE	2480	Ant3	5.589	30	Pass



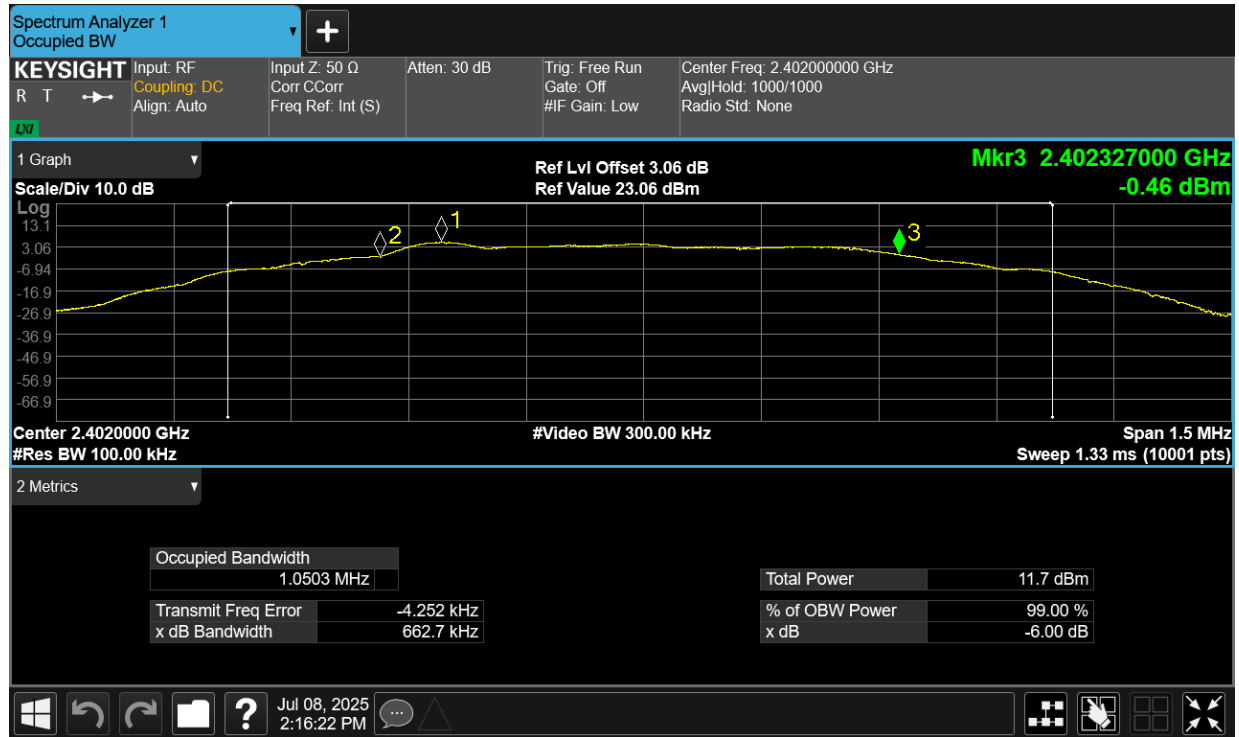


-6dB Bandwidth

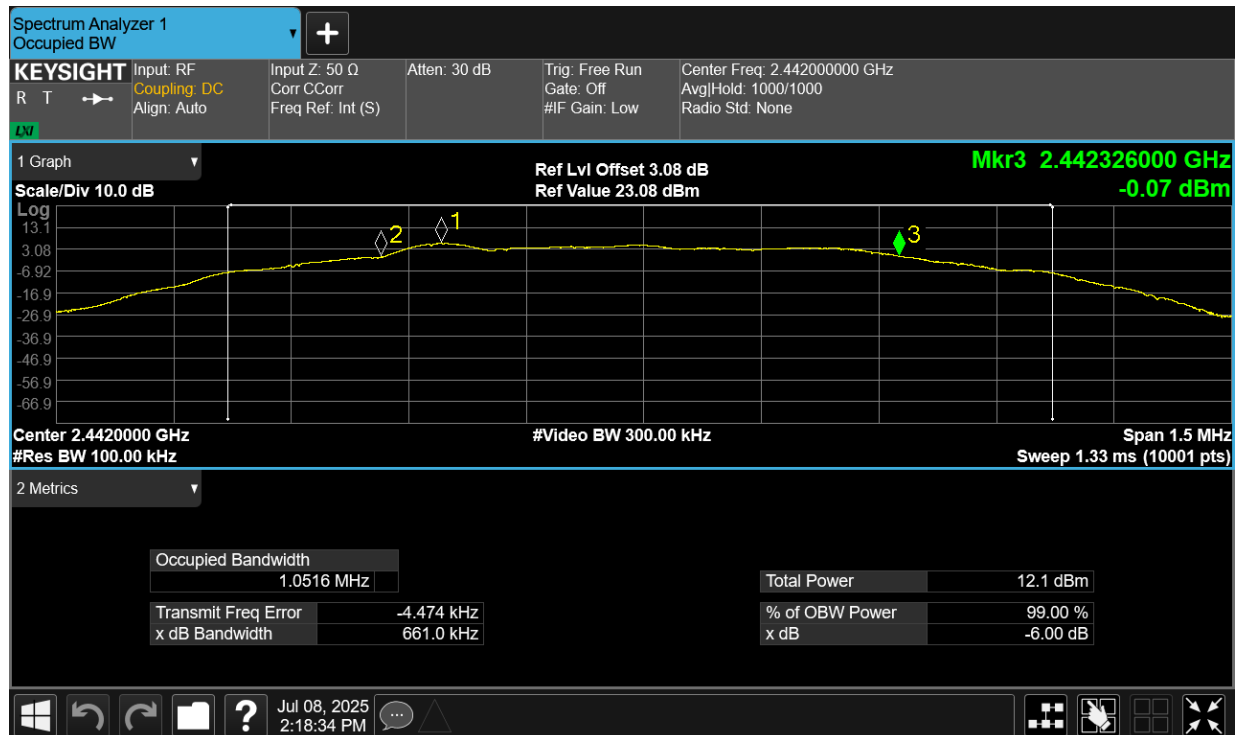
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	limit	Verdic
NVNT	BLE	2402	Ant3	0.663	0.5	Pass
NVNT	BLE	2442	Ant3	0.661	0.5	Pass
NVNT	BLE	2480	Ant3	0.662	0.5	Pass

Test Graphs

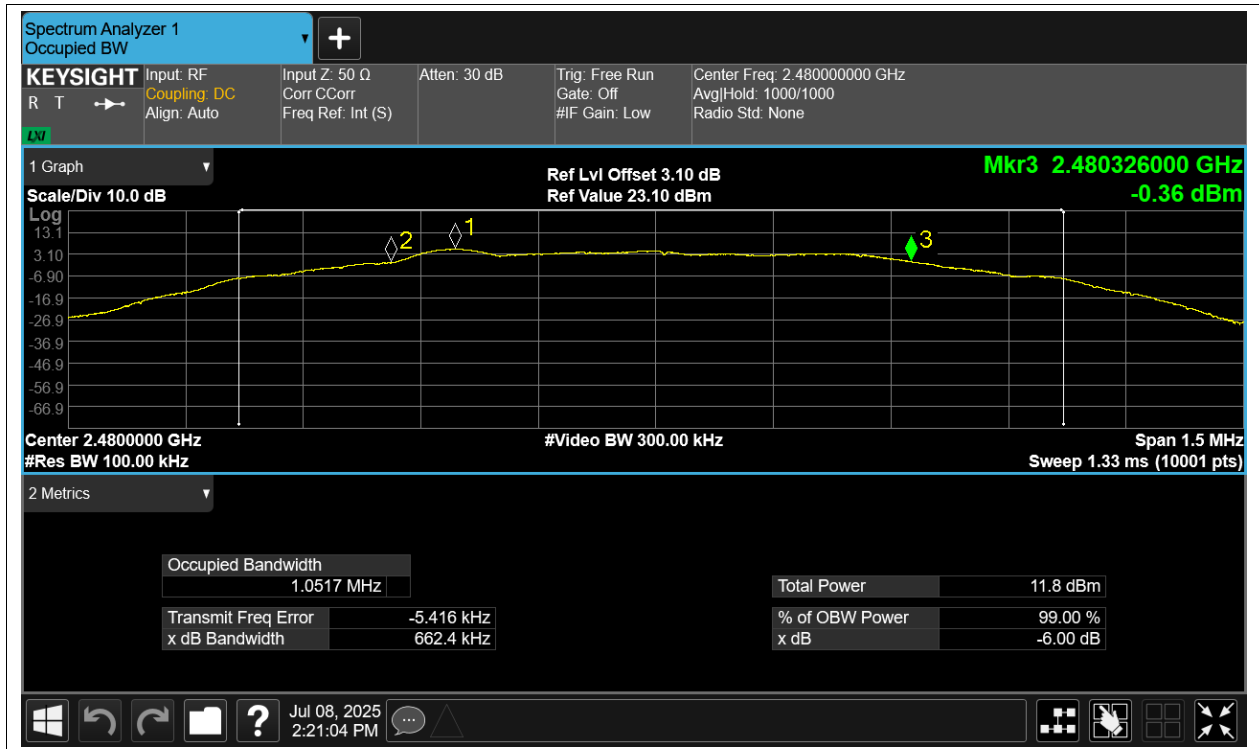
-6dB Bandwidth NVNT BLE 2402MHz Ant3



-6dB Bandwidth NVNT BLE 2442MHz Ant3



-6dB Bandwidth NVNT BLE 2480MHz Ant3

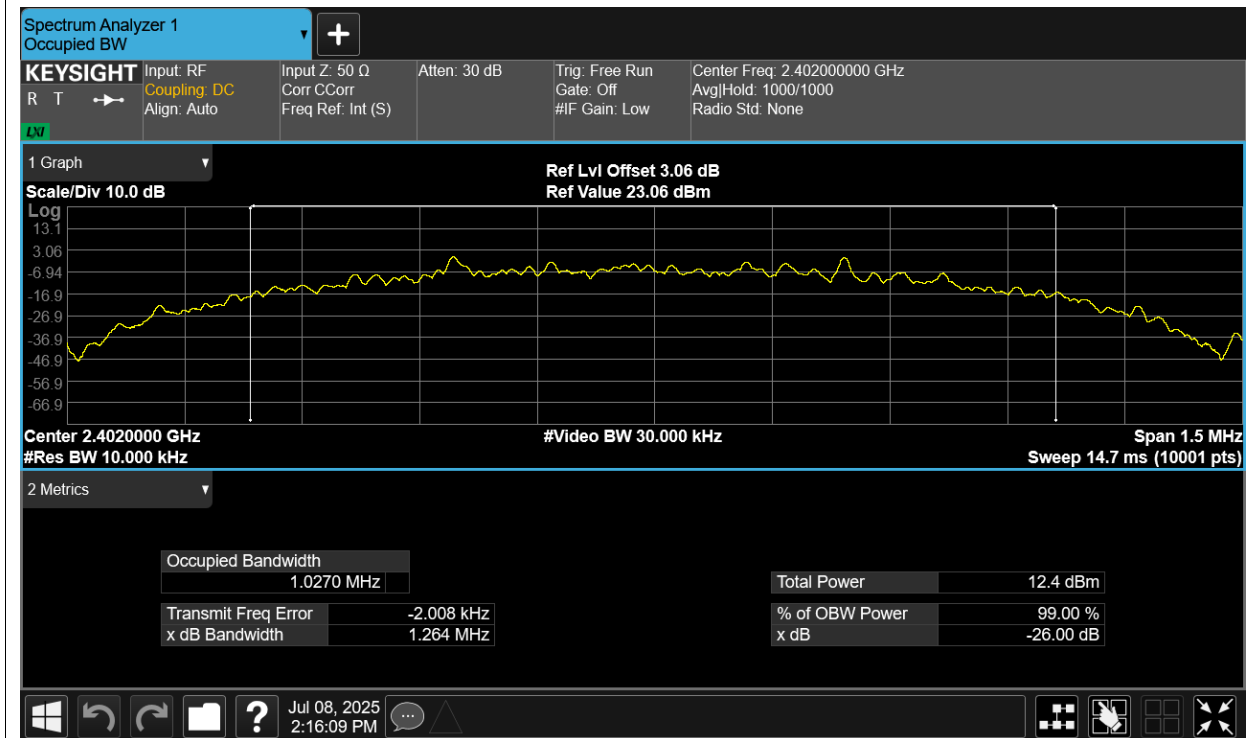


Occupied Channel Bandwidth

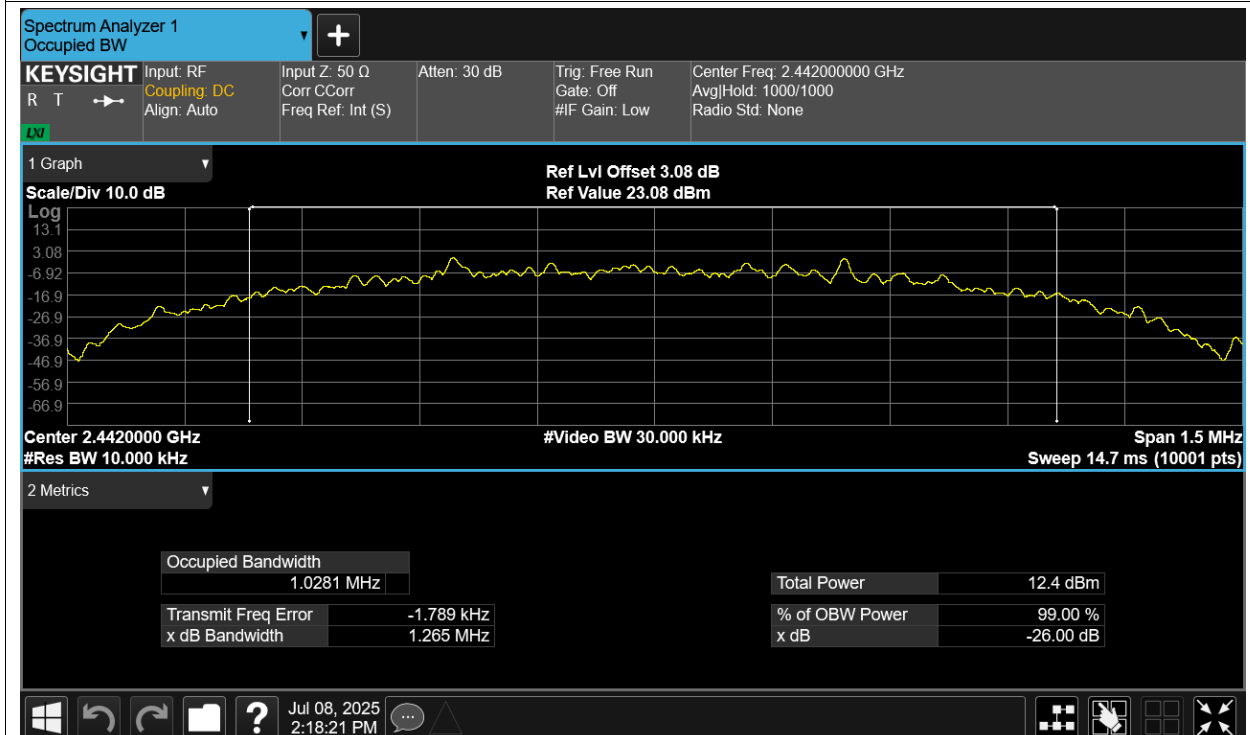
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	BLE	2402	Ant3	1.027
NVNT	BLE	2442	Ant3	1.028
NVNT	BLE	2480	Ant3	1.028

Test Graphs

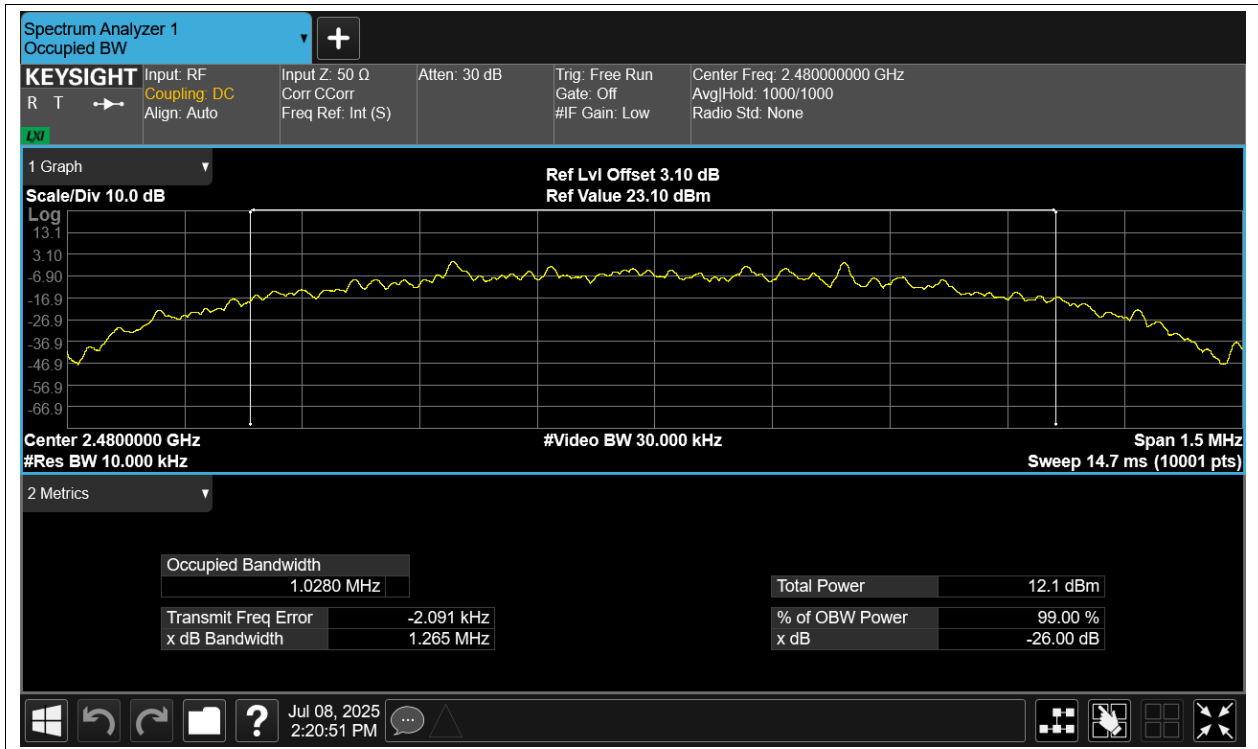
OBW NVNT BLE 2402MHz Ant3



OBW NVNT BLE 2442MHz Ant3



OBW NVNT BLE 2480MHz Ant3

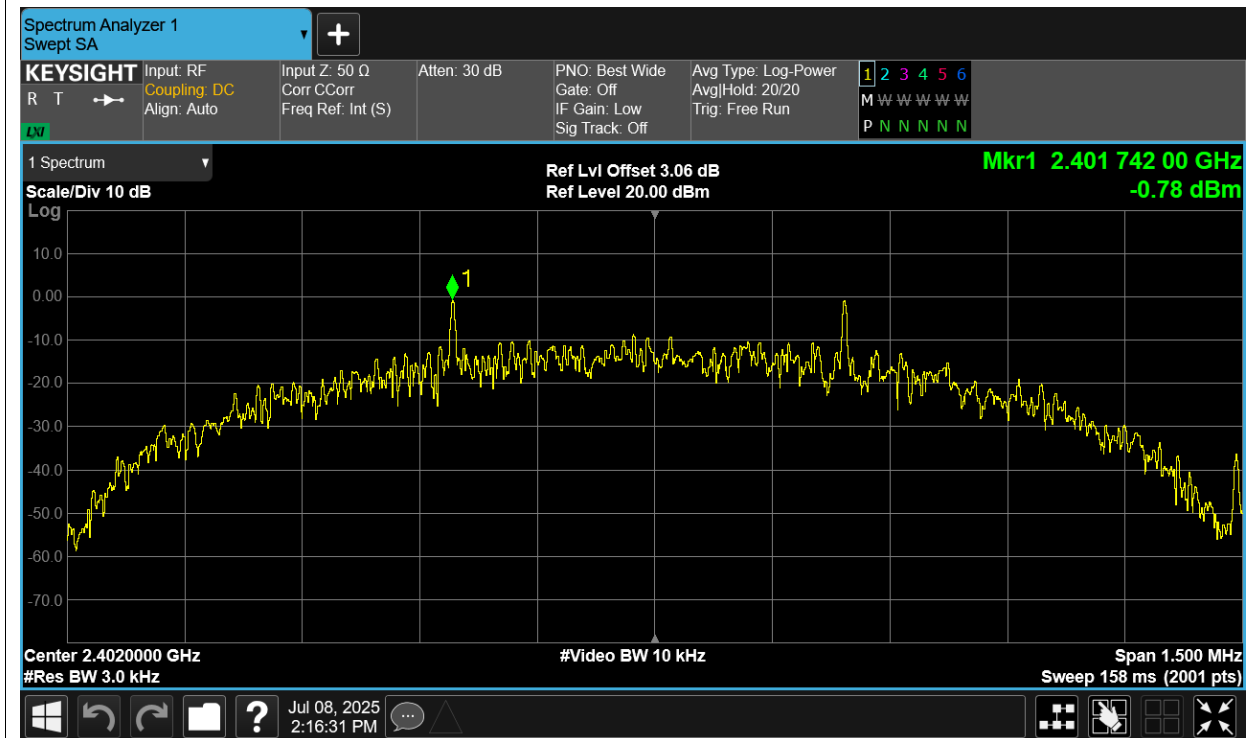


Maximum Power Spectral Density Level

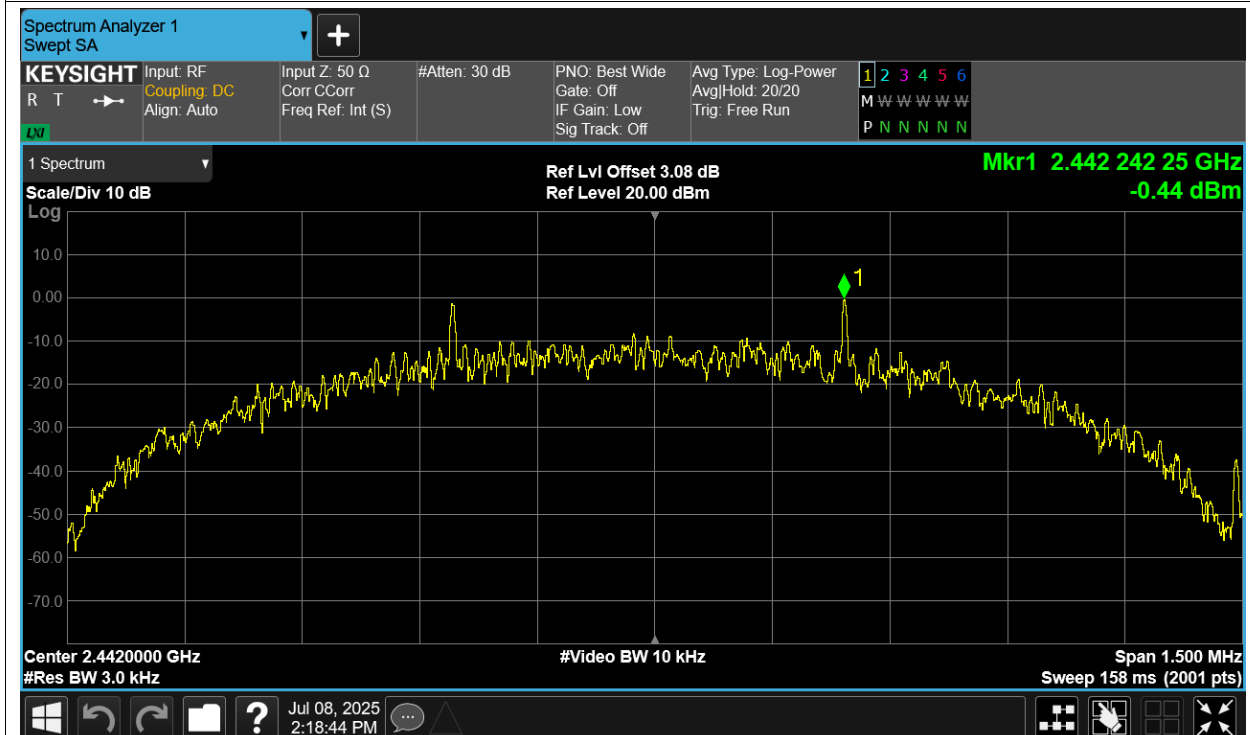
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	BLE	2402	Ant3	-0.779	8	Pass
NVNT	BLE	2442	Ant3	-0.443	8	Pass
NVNT	BLE	2480	Ant3	-0.854	8	Pass

Test Graphs

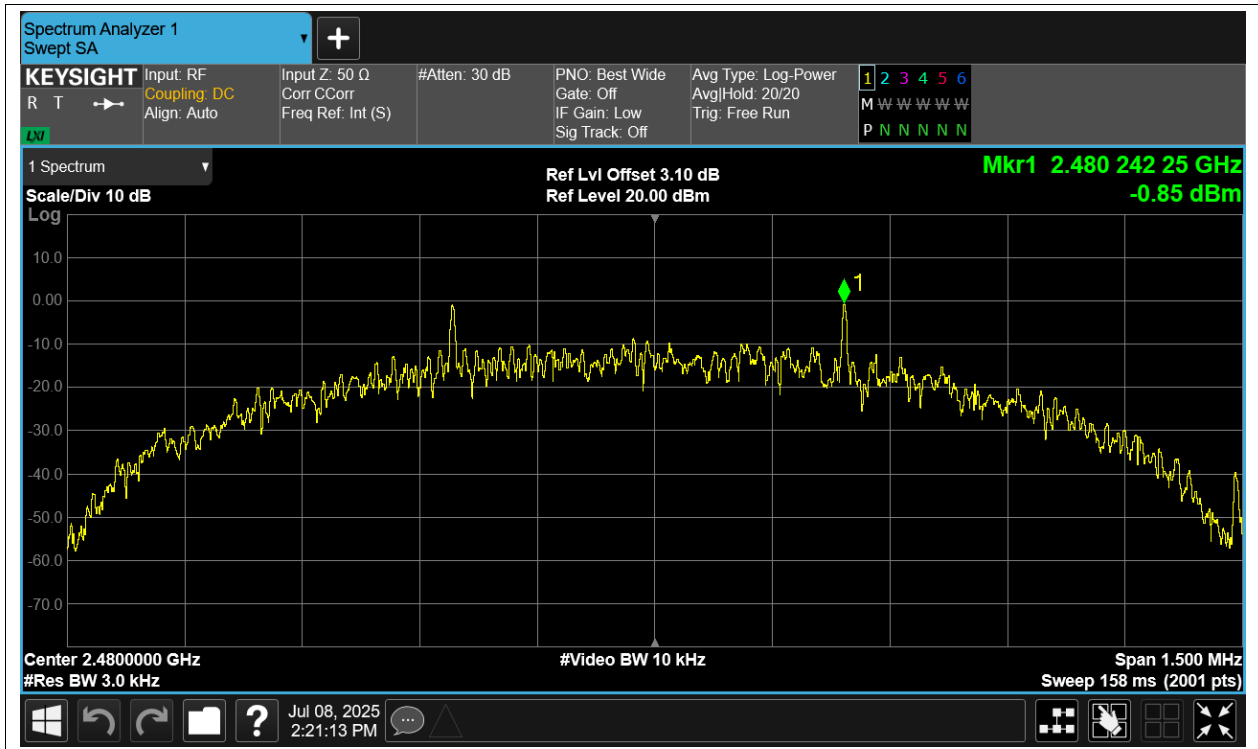
PSD NVNT BLE 2402MHz Ant3



PSD NVNT BLE 2442MHz Ant3

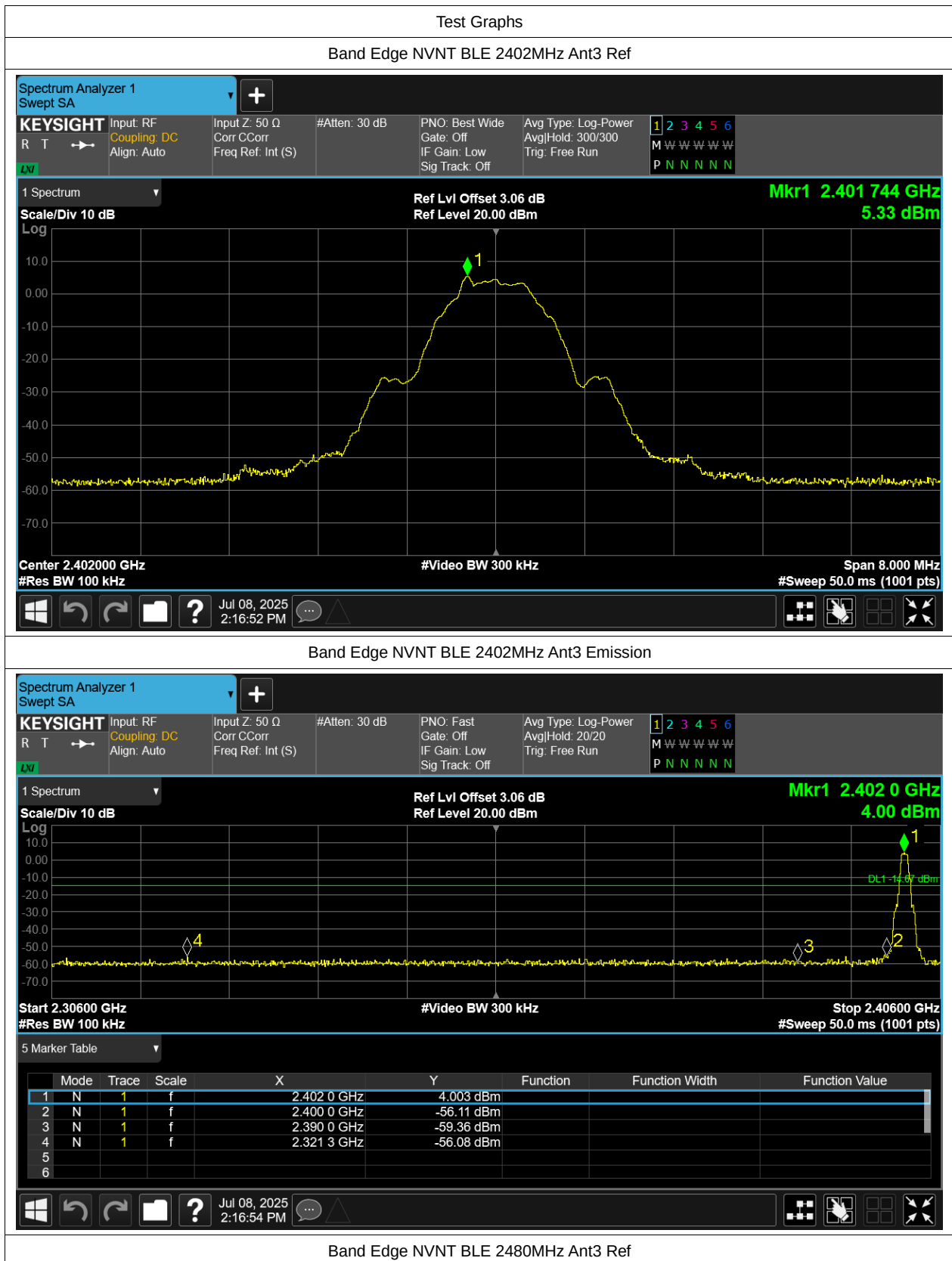


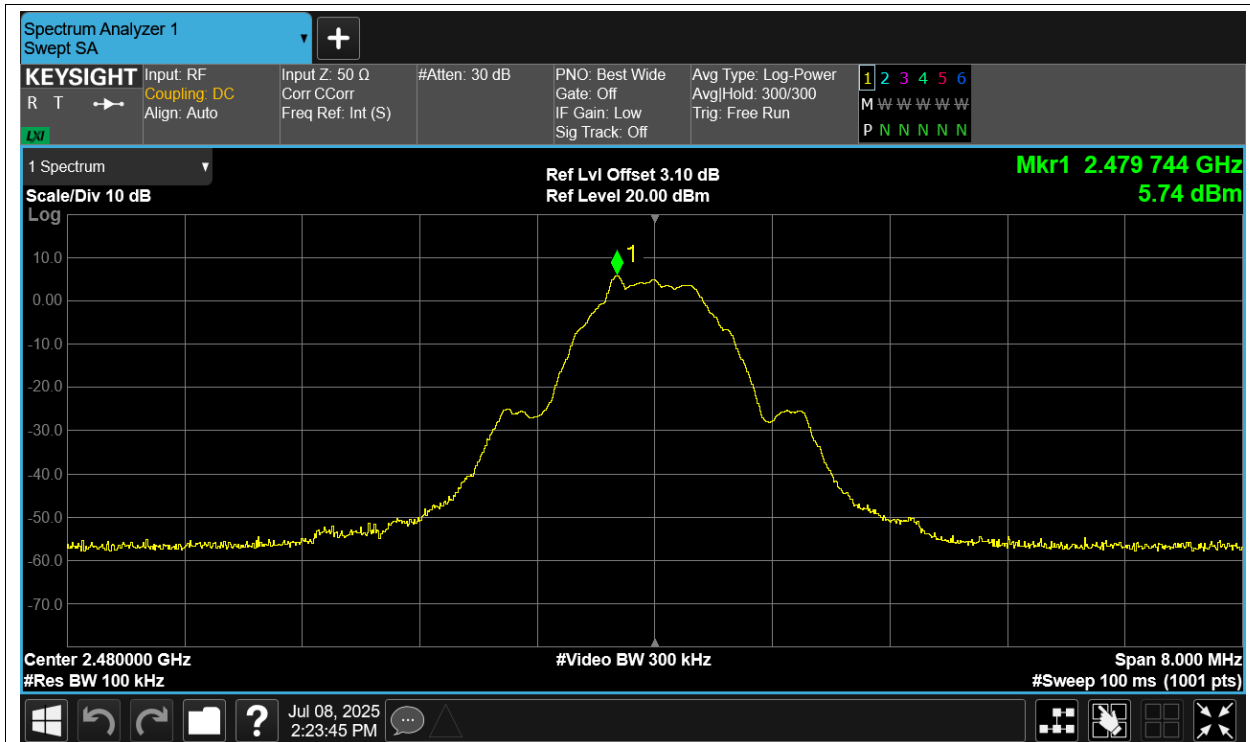
PSD NVNT BLE 2480MHz Ant3



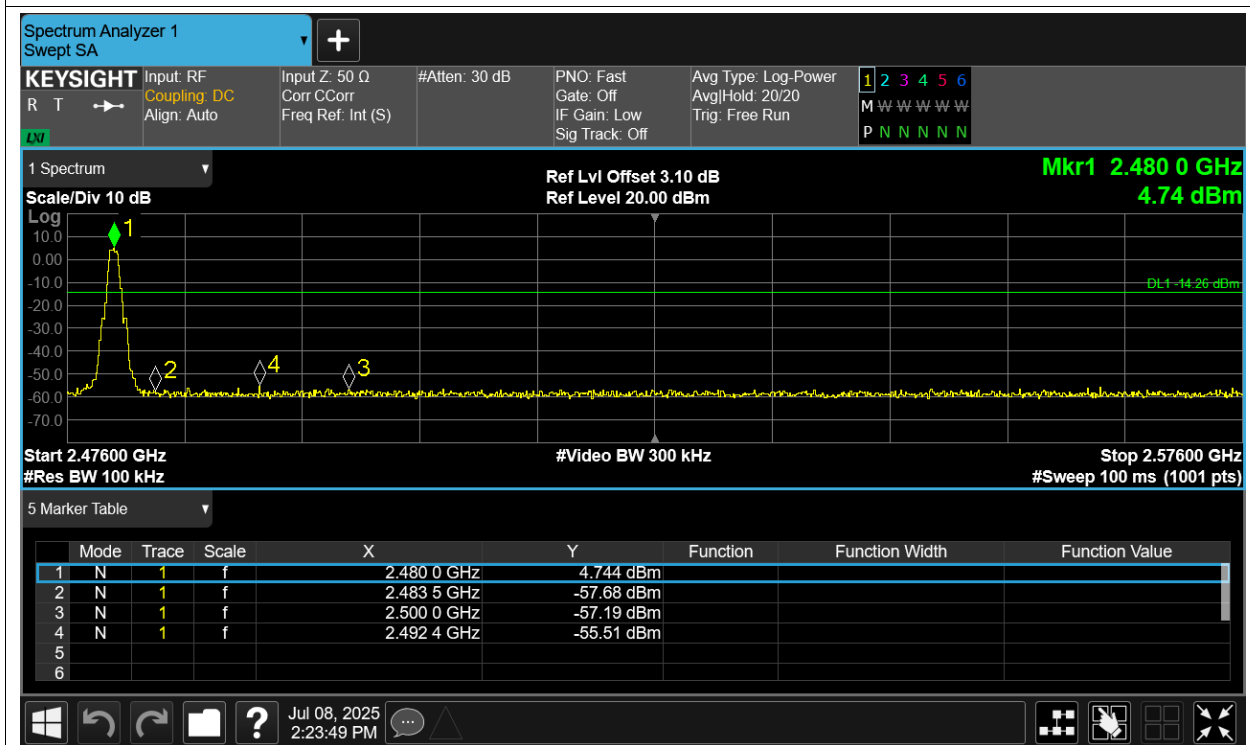
Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE	2402	Ant3	-61.41	-20	Pass
NVNT	BLE	2480	Ant3	-61.25	-20	Pass





Band Edge NVNT BLE 2480MHz Ant3 Emission

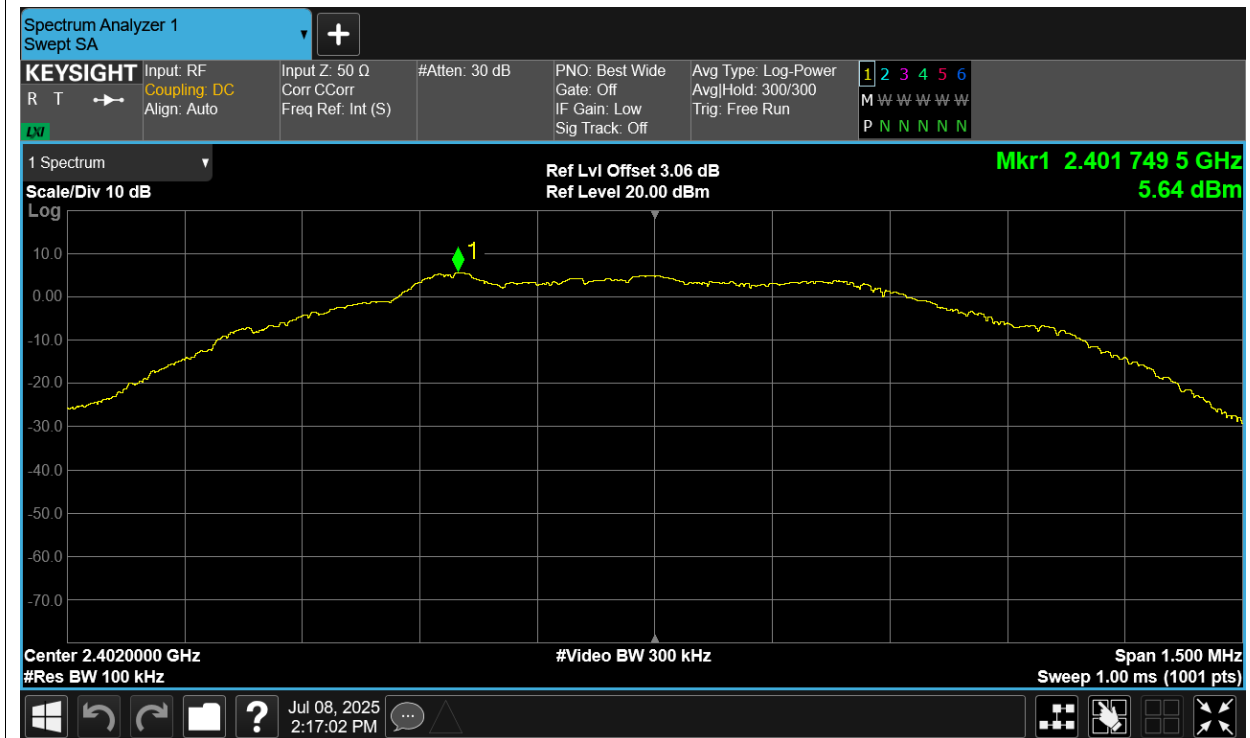


Conducted RF Spurious Emission

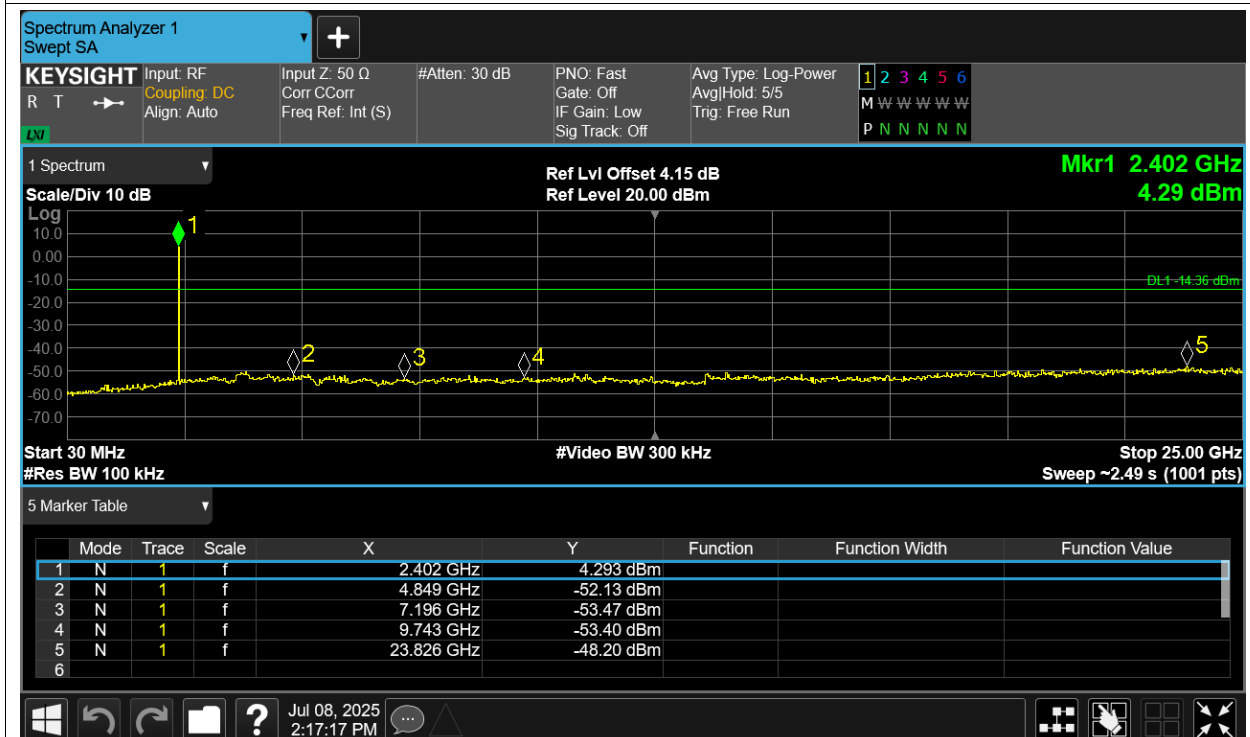
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE	2402	Ant3	-53.84	-20	Pass
NVNT	BLE	2442	Ant3	-54.22	-20	Pass
NVNT	BLE	2480	Ant3	-53.76	-20	Pass

Test Graphs

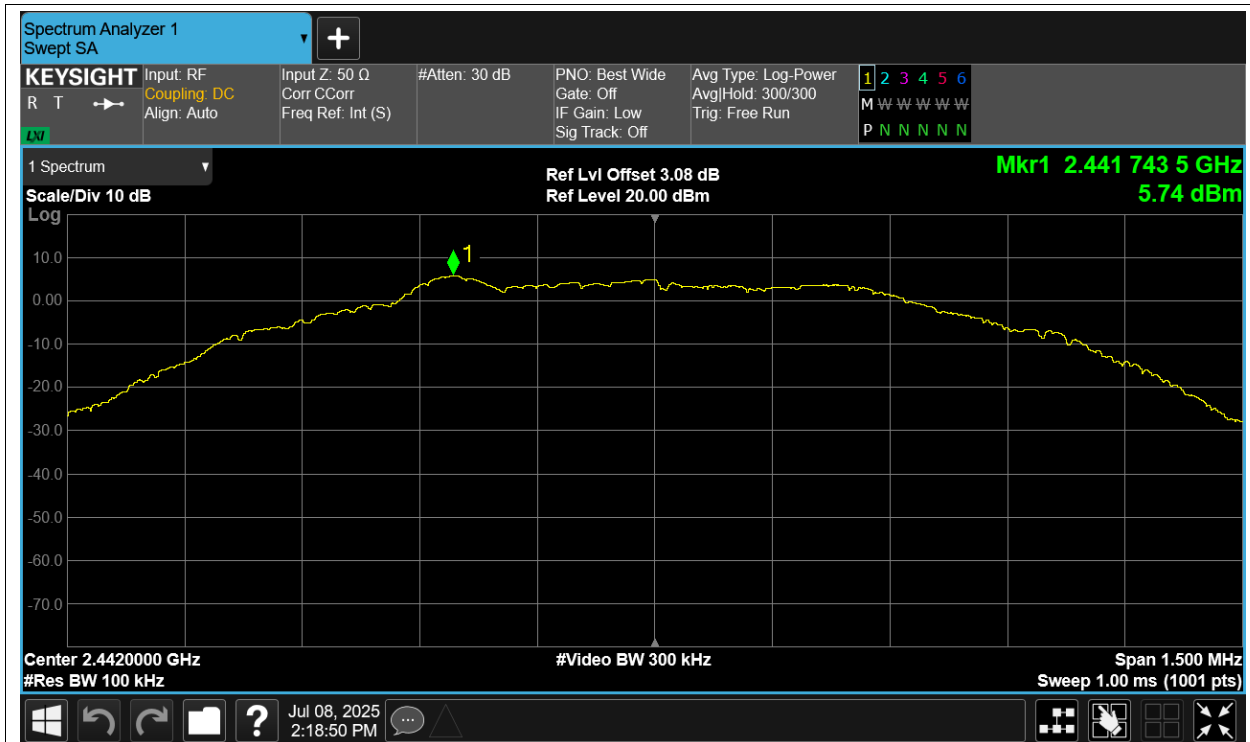
Tx. Spurious NVNT BLE 2402MHz Ant3 Ref



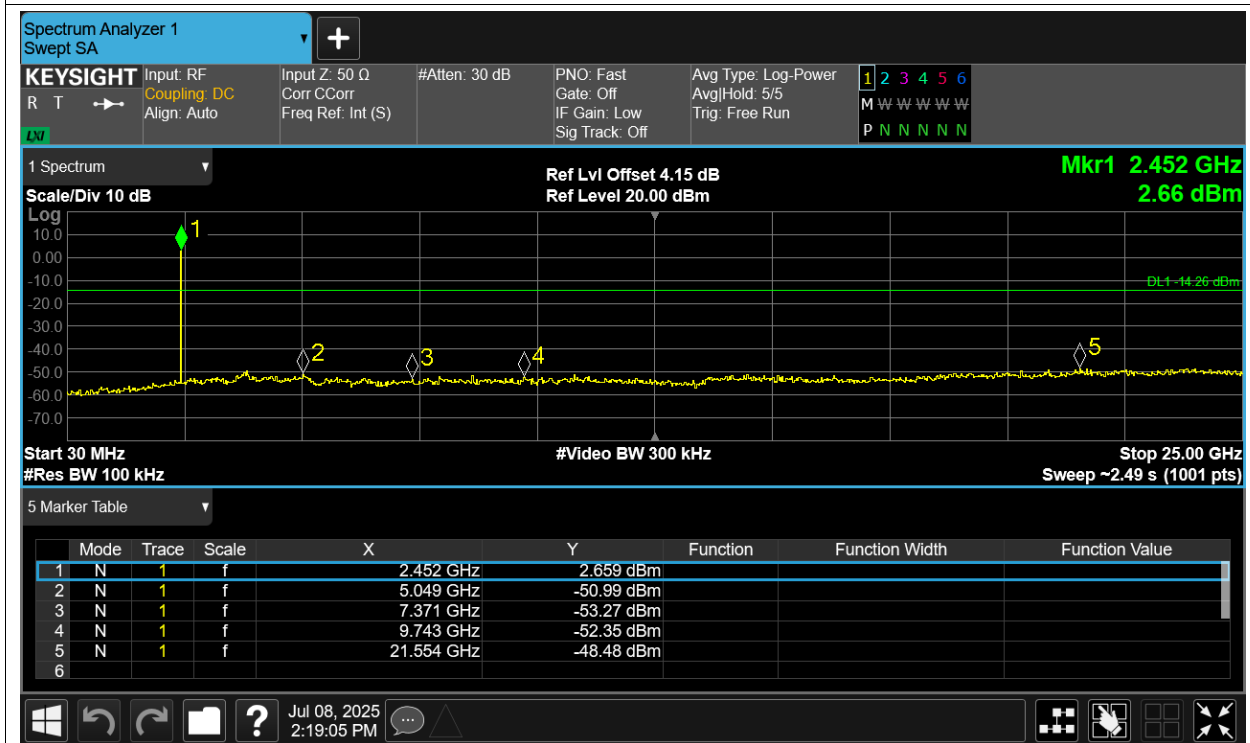
Tx. Spurious NVNT BLE 2402MHz Ant3 Emission



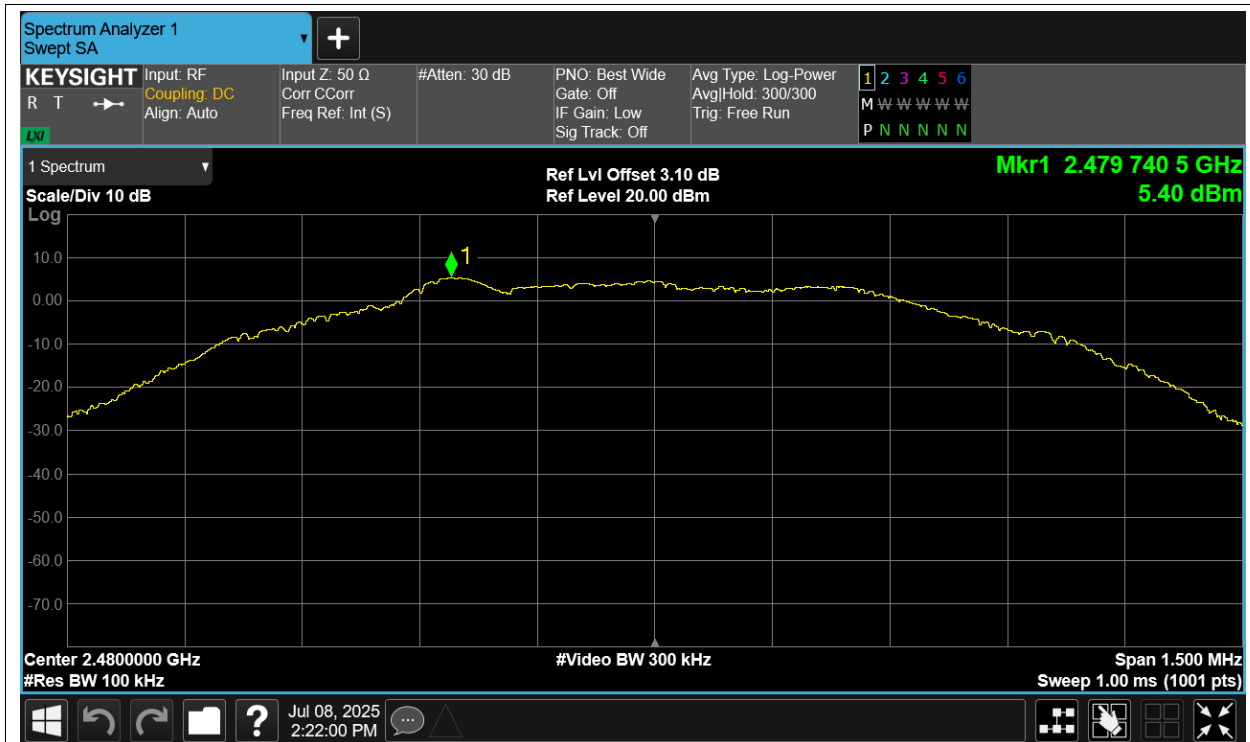
Tx. Spurious NVNT BLE 2442MHz Ant3 Ref



Tx. Spurious NVNT BLE 2442MHz Ant3 Emission



Tx. Spurious NVNT BLE 2480MHz Ant3 Ref



Tx. Spurious NVNT BLE 2480MHz Ant3 Emission

