

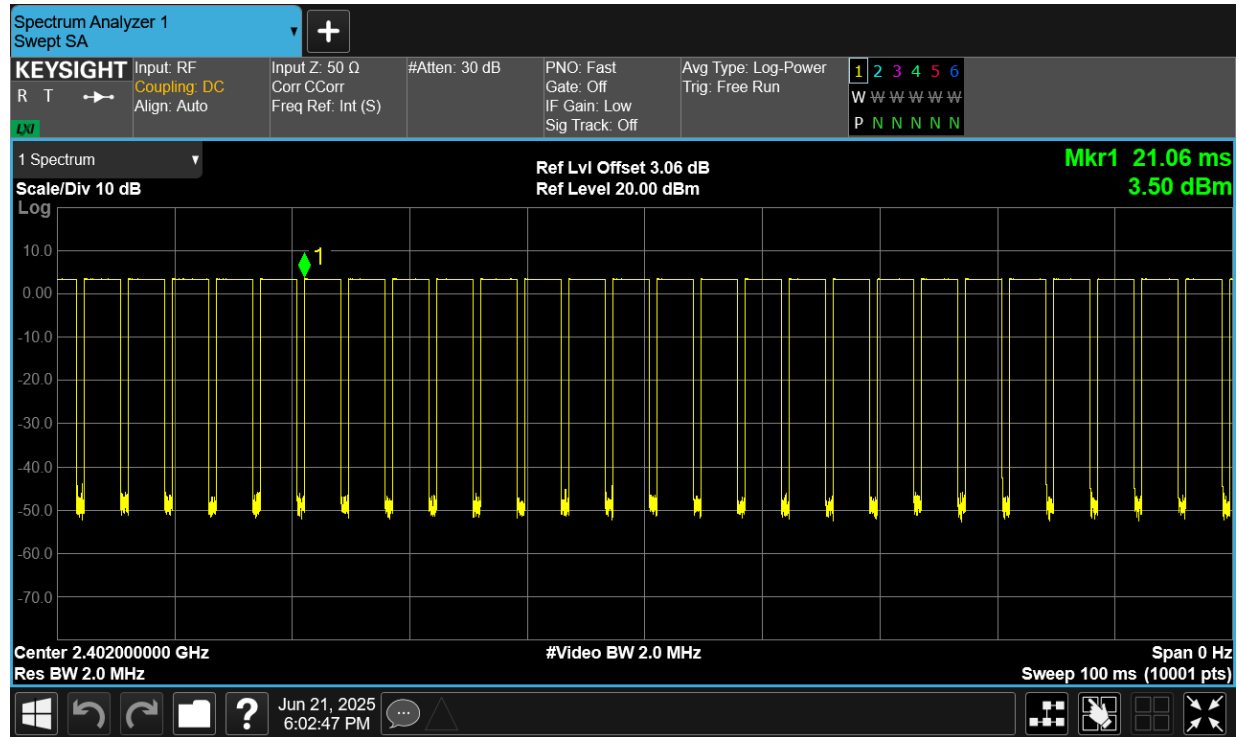
Test Data

Duty Cycle

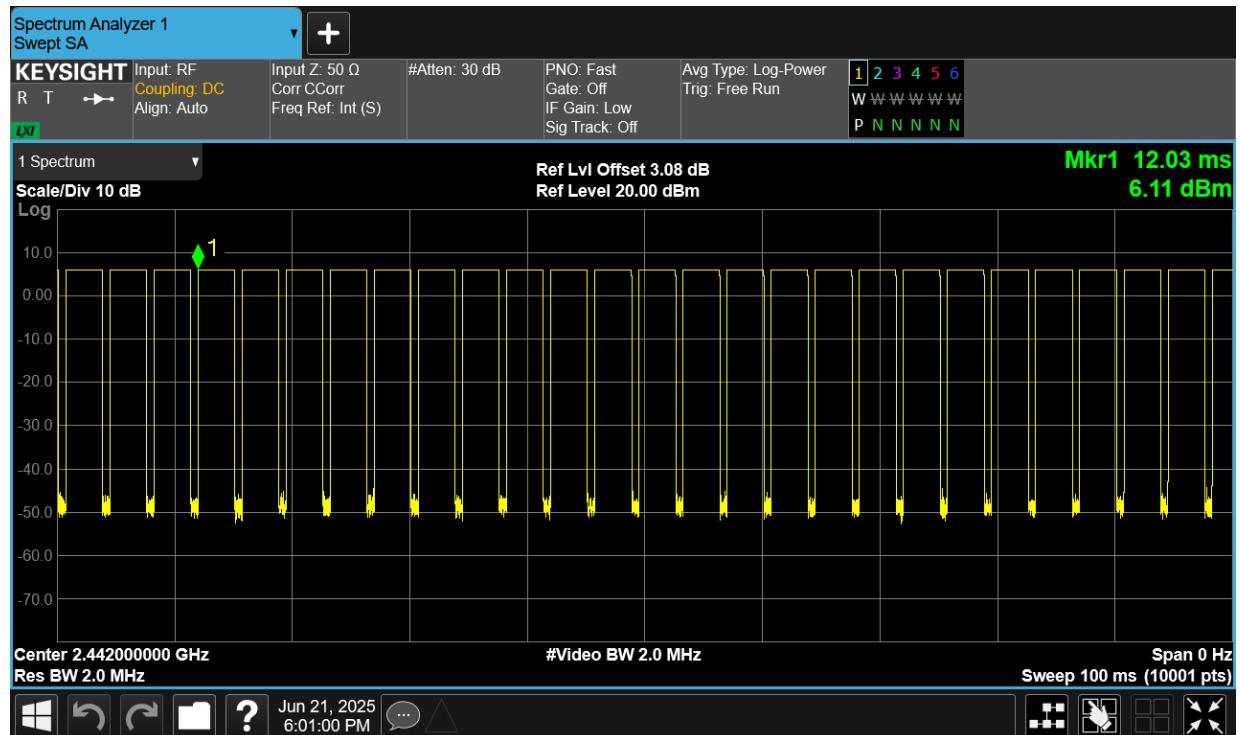
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	BLE	2402	Ant13	82.45	0.84
NVNT	BLE	2442	Ant13	82.72	0.82
NVNT	BLE	2480	Ant13	82.72	0.82

Test Graphs

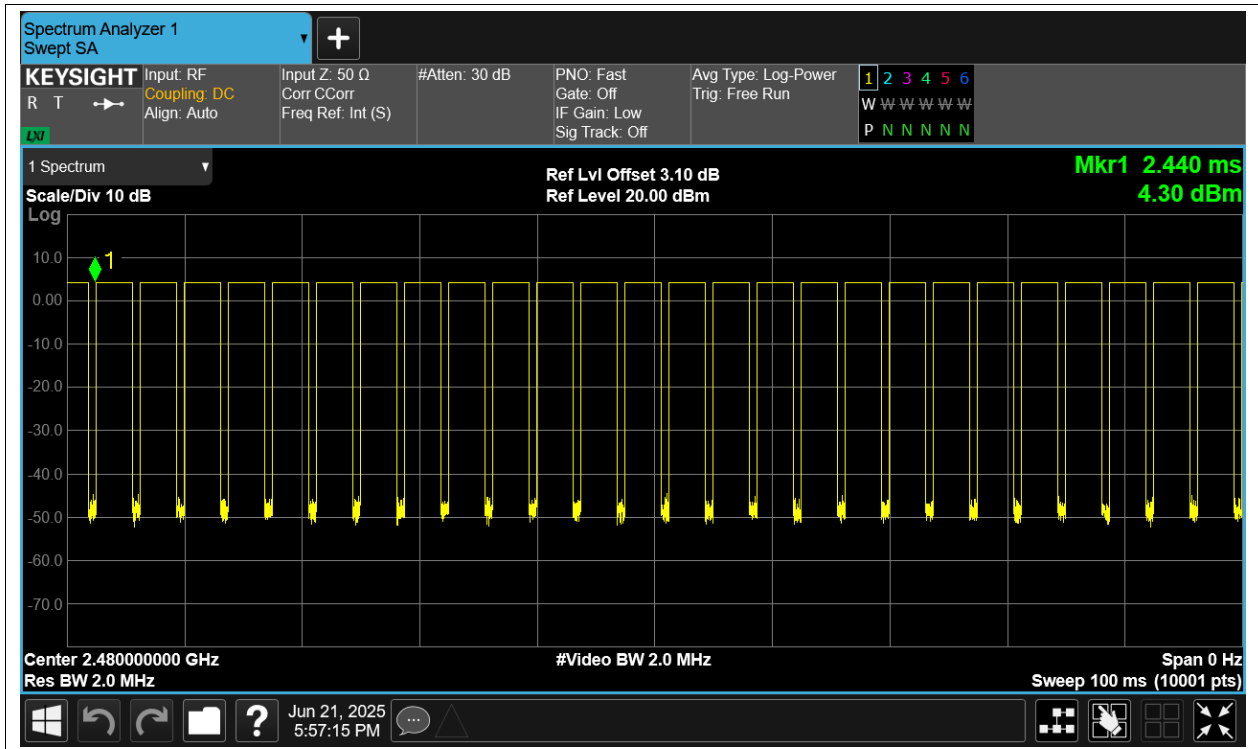
Duty Cycle NVNT BLE 2402MHz Ant13



Duty Cycle NVNT BLE 2442MHz Ant13



Duty Cycle NVNT BLE 2480MHz Ant13

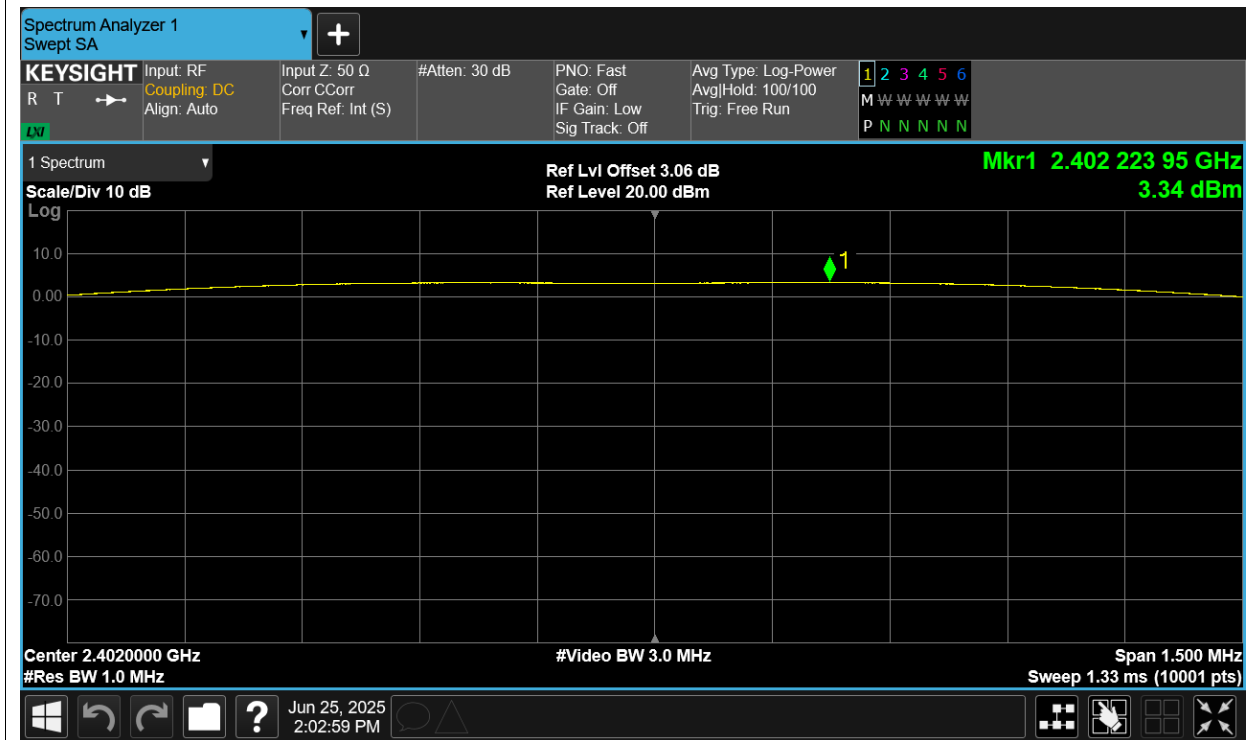


Maximum Conducted Output Power

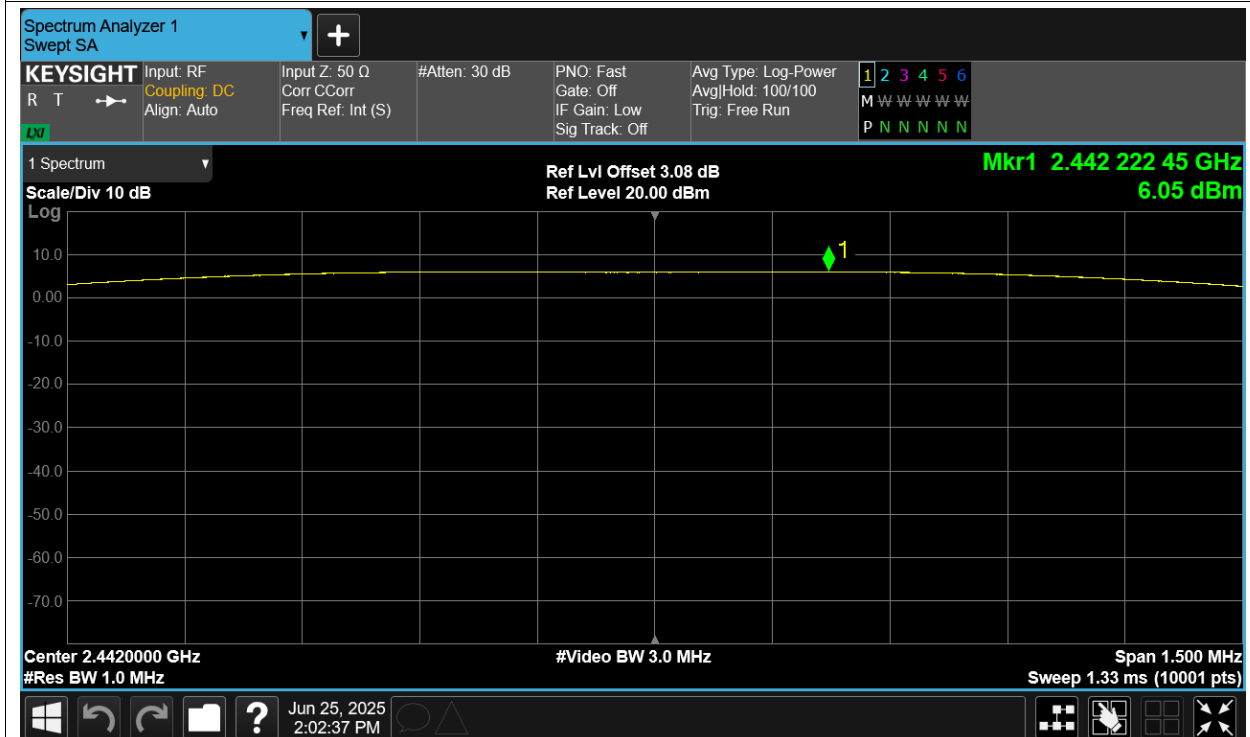
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE	2402	Ant13	3.344	30	Pass
NVNT	BLE	2442	Ant13	6.054	30	Pass
NVNT	BLE	2480	Ant13	4.311	30	Pass

Test Graphs

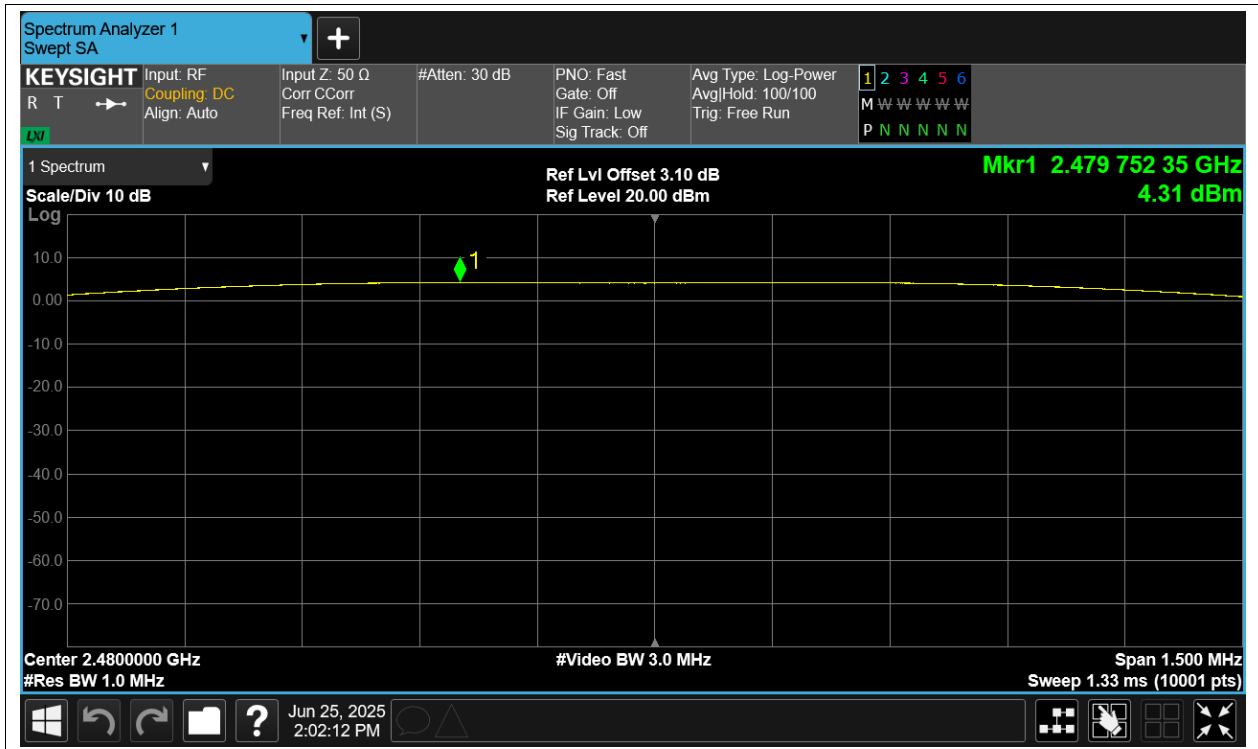
Power NVNT BLE 2402MHz Ant13



Power NVNT BLE 2442MHz Ant13



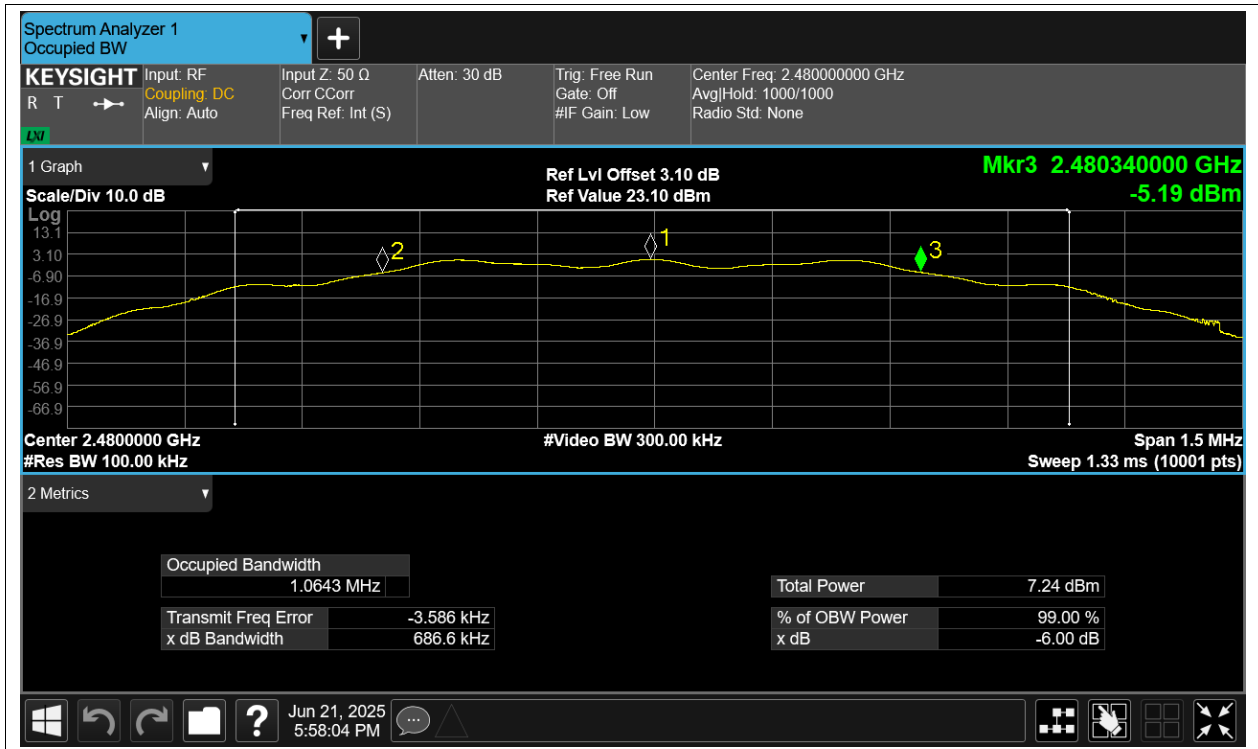
Power NVNT BLE 2480MHz Ant13



-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	limit	Verdic
NVNT	BLE	2402	Ant13	0.694	0.5	Pass
NVNT	BLE	2442	Ant13	0.688	0.5	Pass
NVNT	BLE	2480	Ant13	0.687	0.5	Pass



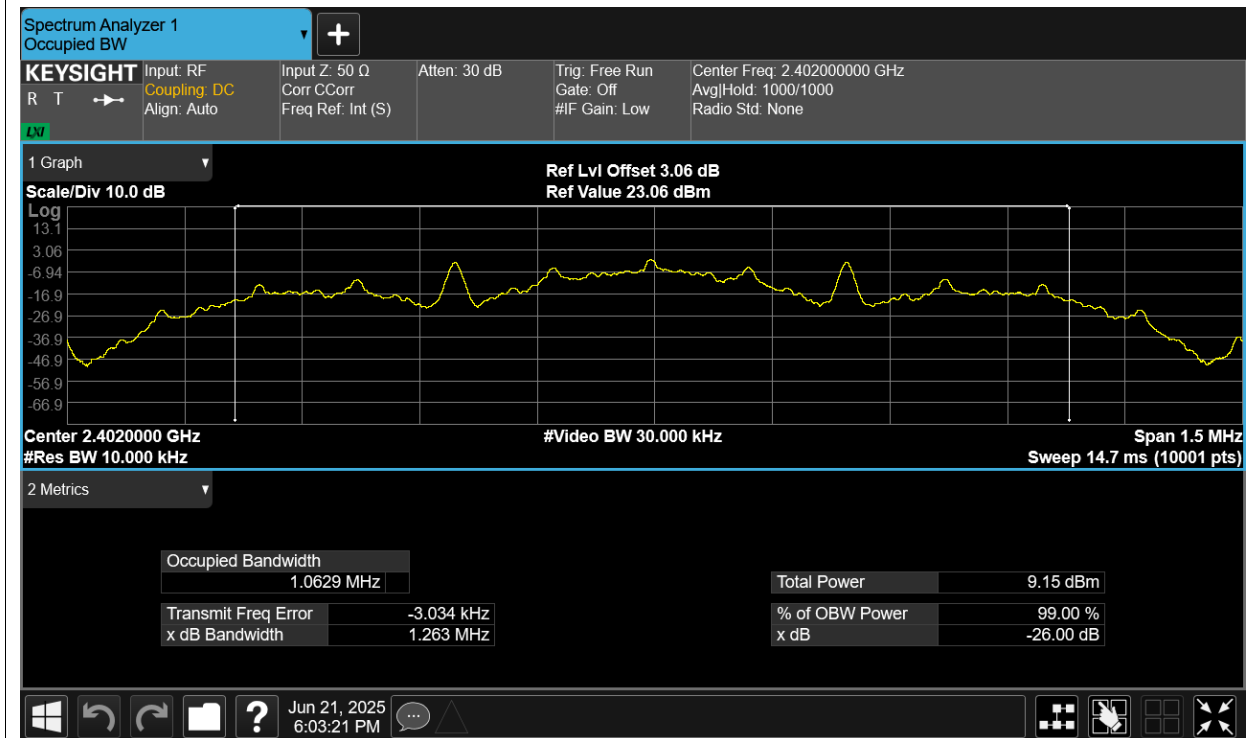


Occupied Channel Bandwidth

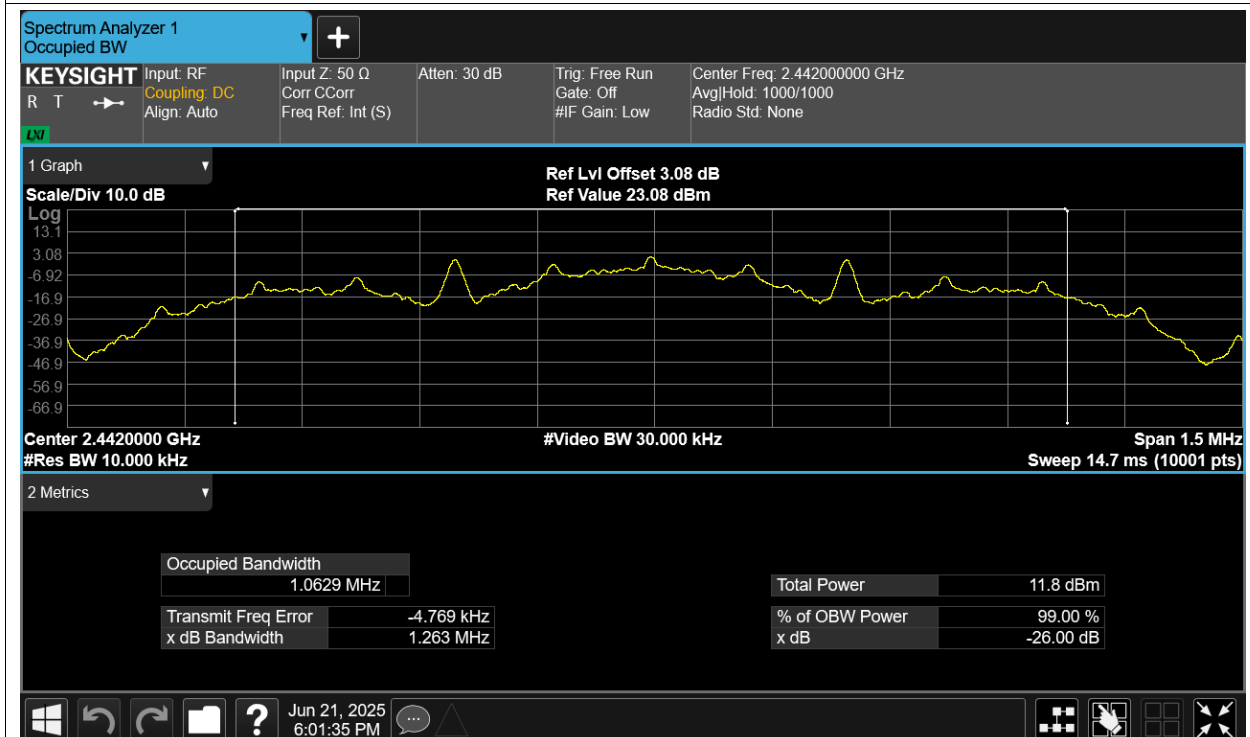
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	BLE	2402	Ant13	1.063
NVNT	BLE	2442	Ant13	1.063
NVNT	BLE	2480	Ant13	1.067

Test Graphs

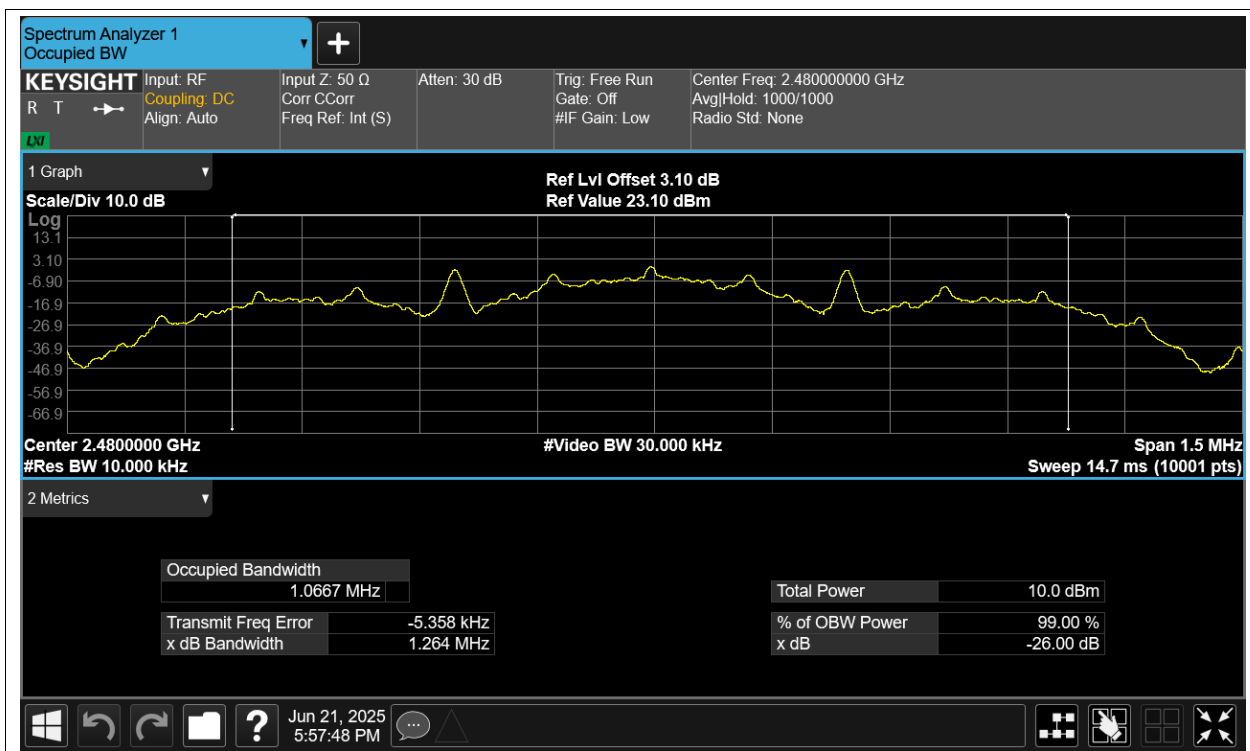
OBW NVNT BLE 2402MHz Ant13



OBW NVNT BLE 2442MHz Ant13



OBW NVNT BLE 2480MHz Ant13

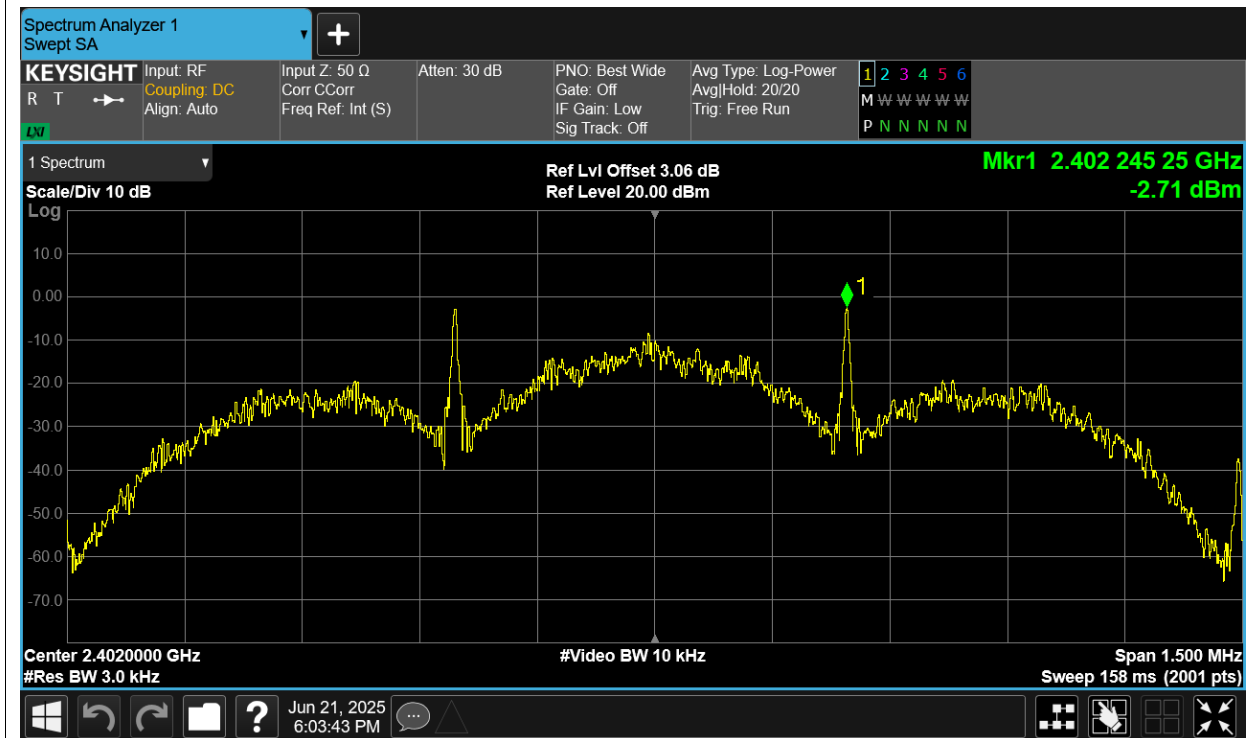


Maximum Power Spectral Density Level

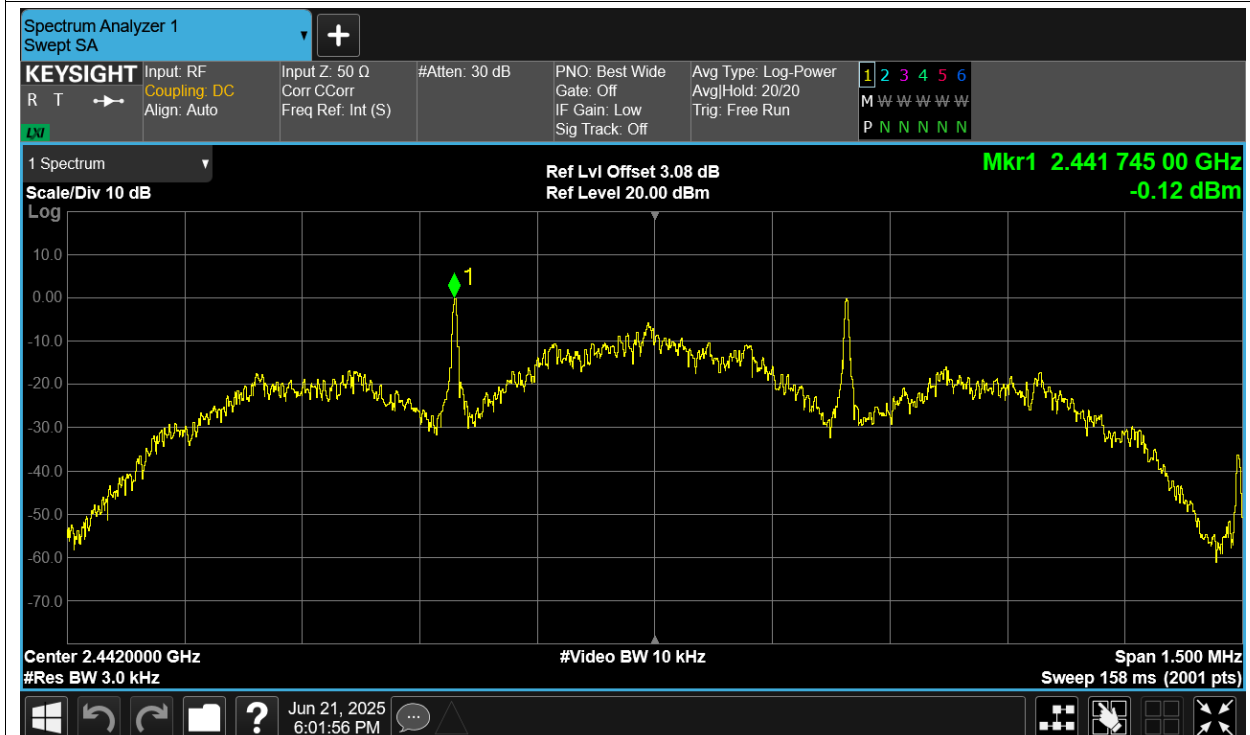
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	BLE	2402	Ant13	-2.708	8	Pass
NVNT	BLE	2442	Ant13	-0.125	8	Pass
NVNT	BLE	2480	Ant13	-1.884	8	Pass

Test Graphs

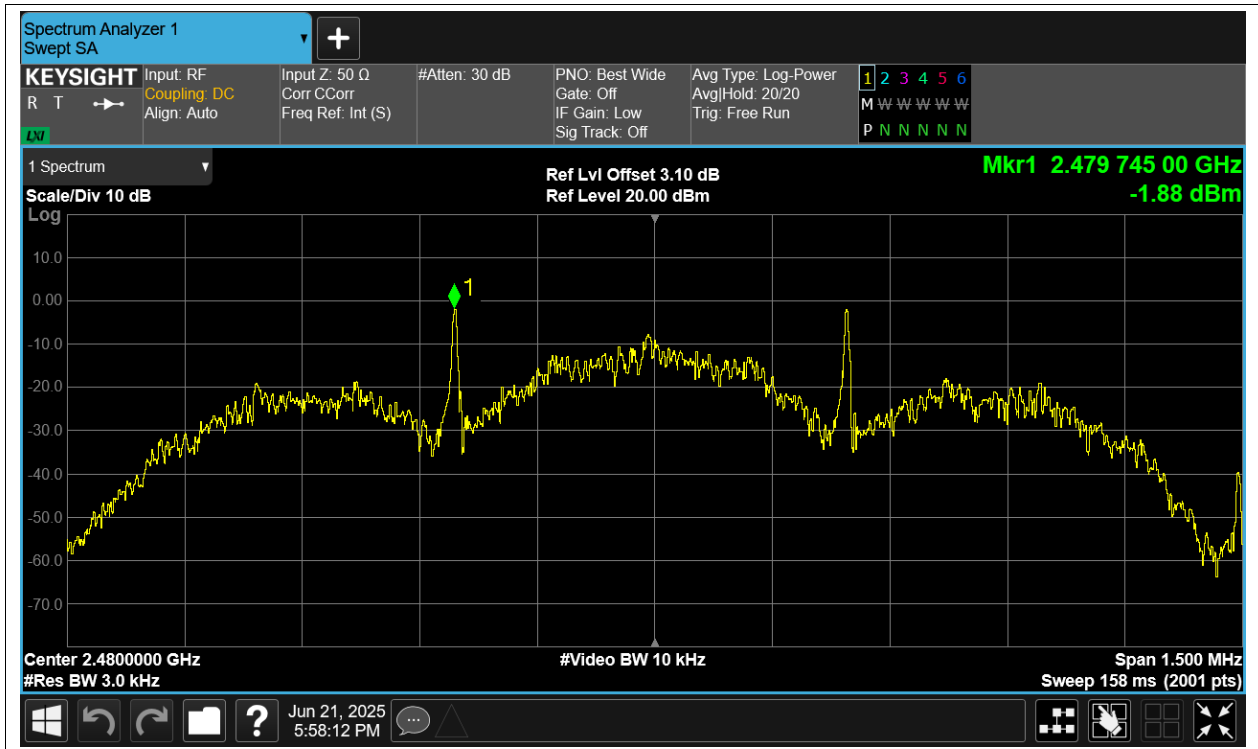
PSD NVNT BLE 2402MHz Ant13



PSD NVNT BLE 2442MHz Ant13



PSD NVNT BLE 2480MHz Ant13

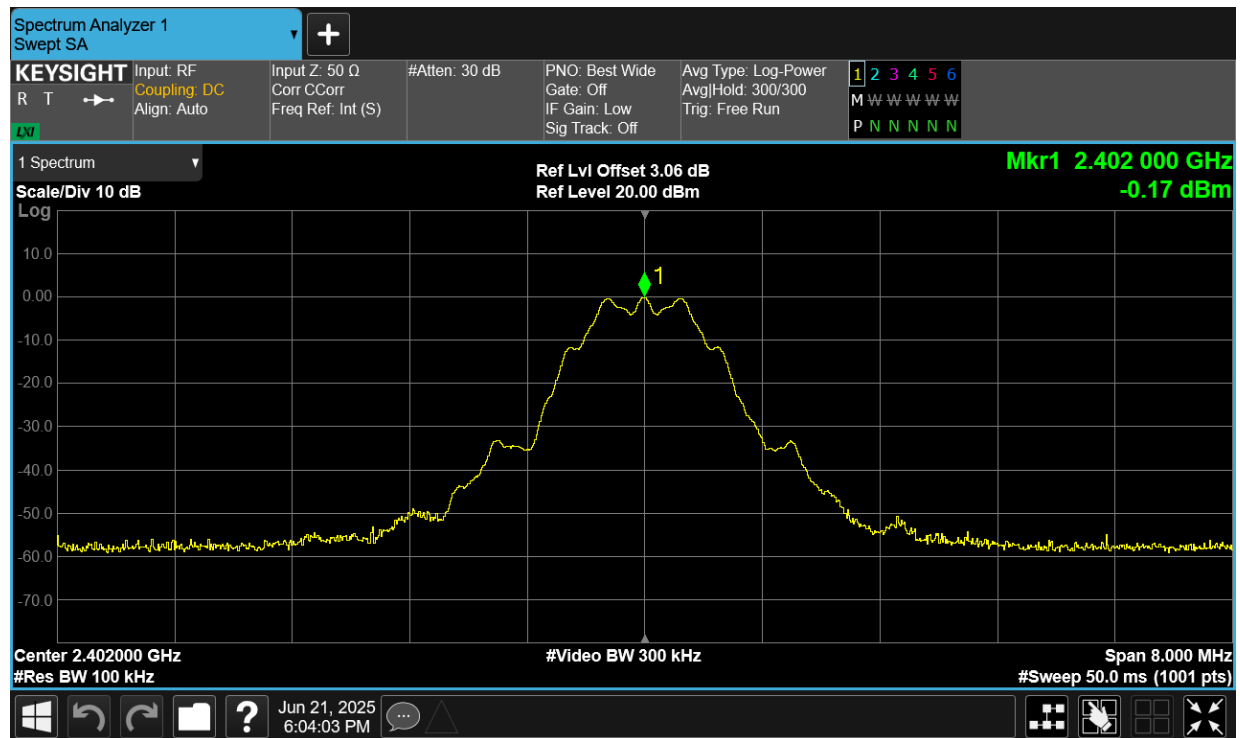


Band Edge

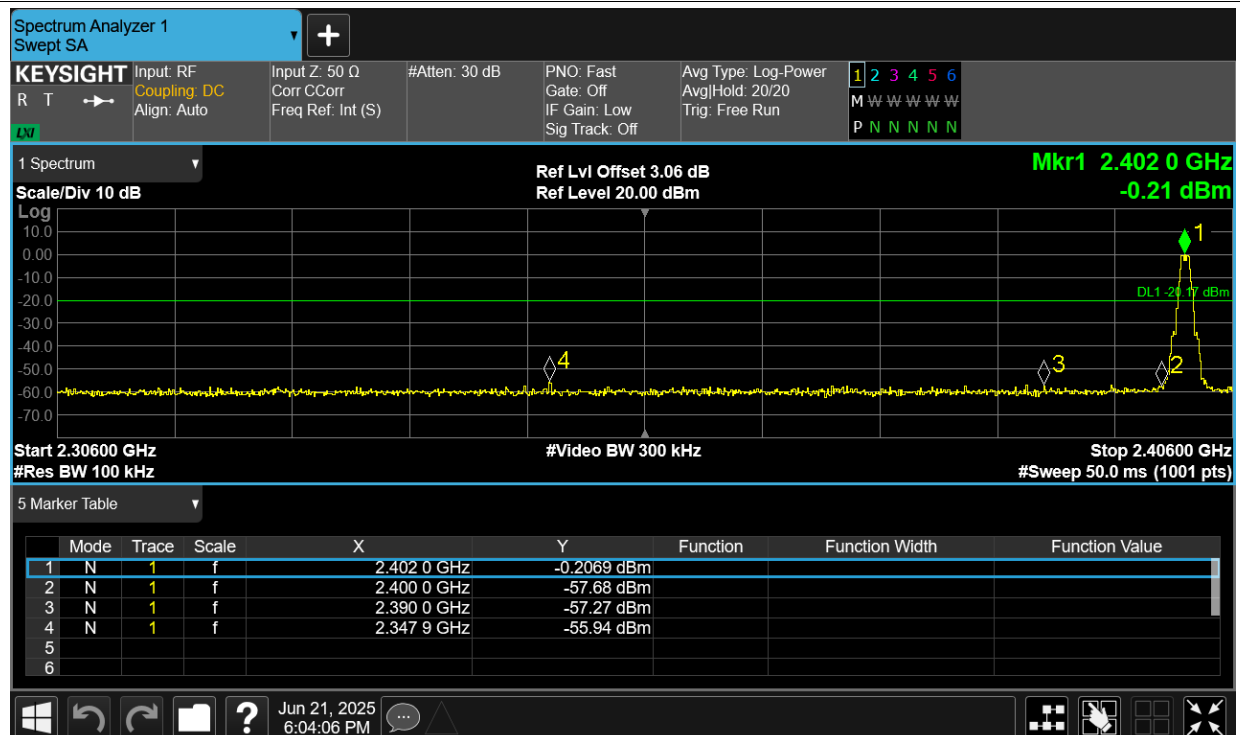
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE	2402	Ant13	-55.77	-20	Pass
NVNT	BLE	2480	Ant13	-57.5	-20	Pass

Test Graphs

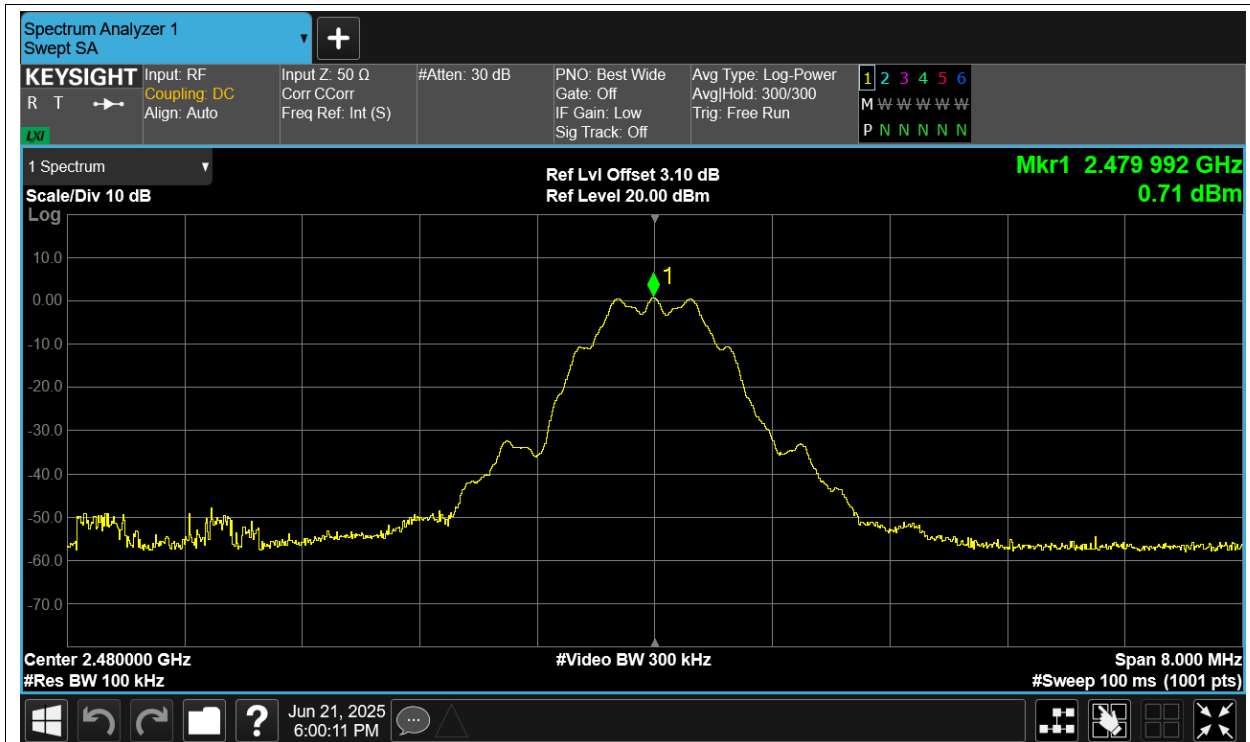
Band Edge NVNT BLE 2402MHz Ant13 Ref



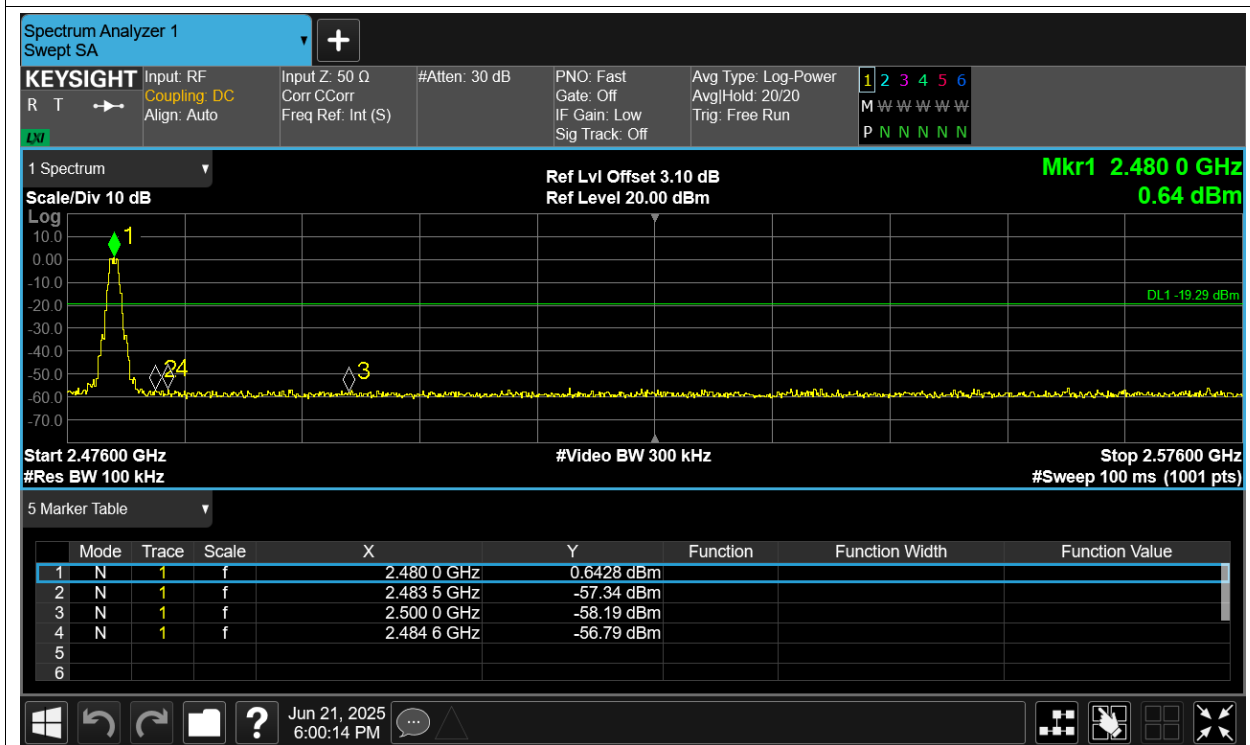
Band Edge NVNT BLE 2402MHz Ant13 Emission



Band Edge NVNT BLE 2480MHz Ant13 Ref



Band Edge NVNT BLE 2480MHz Ant13 Emission

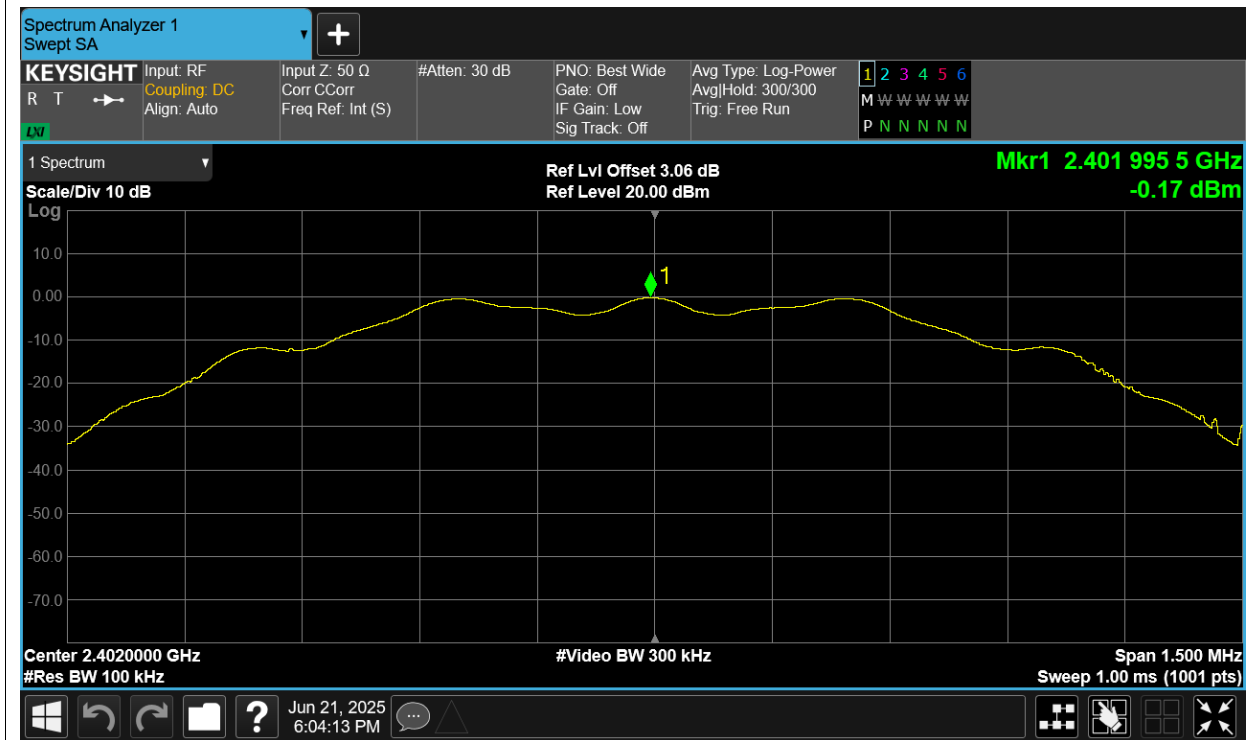


Conducted RF Spurious Emission

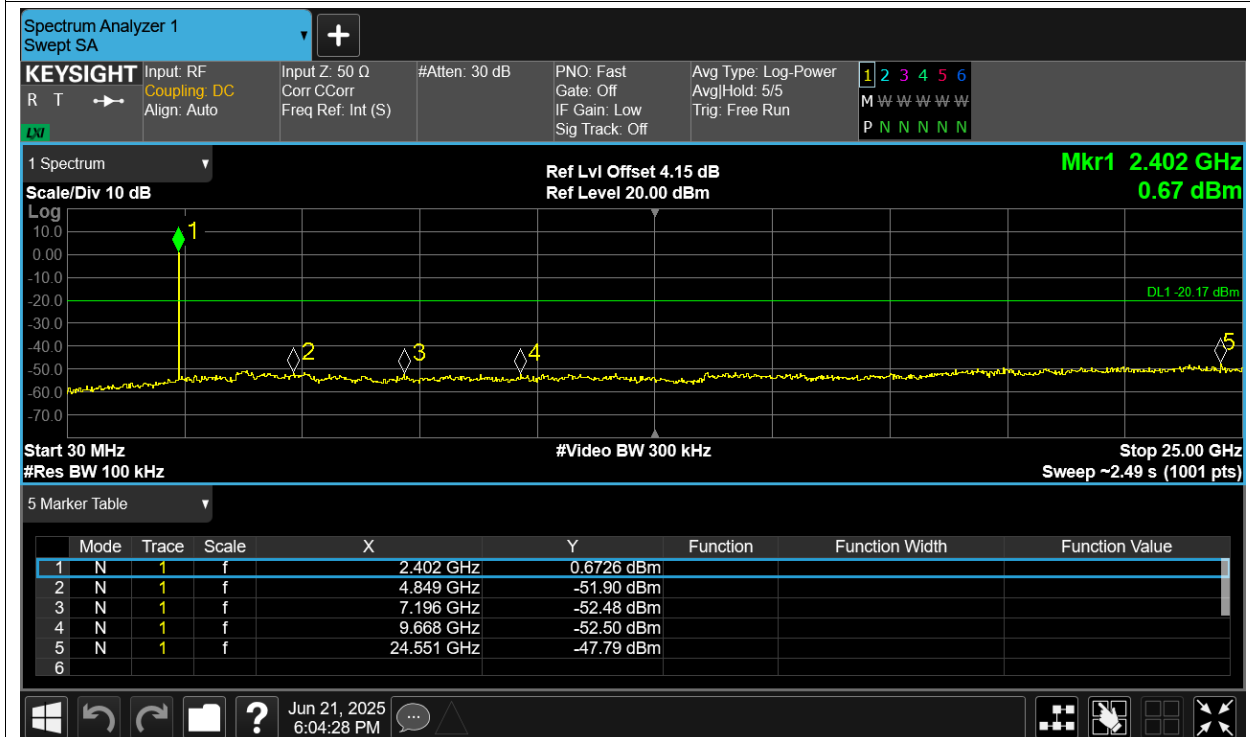
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE	2402	Ant13	-47.62	-20	Pass
NVNT	BLE	2442	Ant13	-50.83	-20	Pass
NVNT	BLE	2480	Ant13	-49.05	-20	Pass

Test Graphs

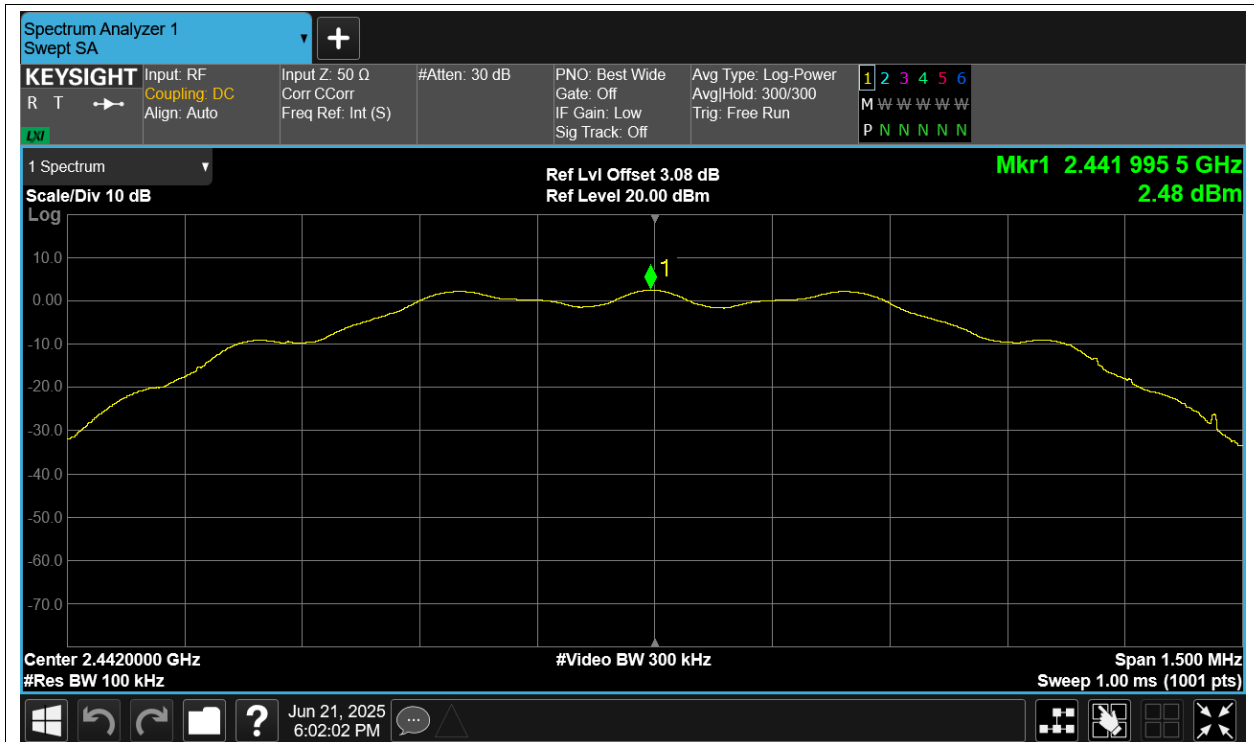
Tx. Spurious NVNT BLE 2402MHz Ant13 Ref



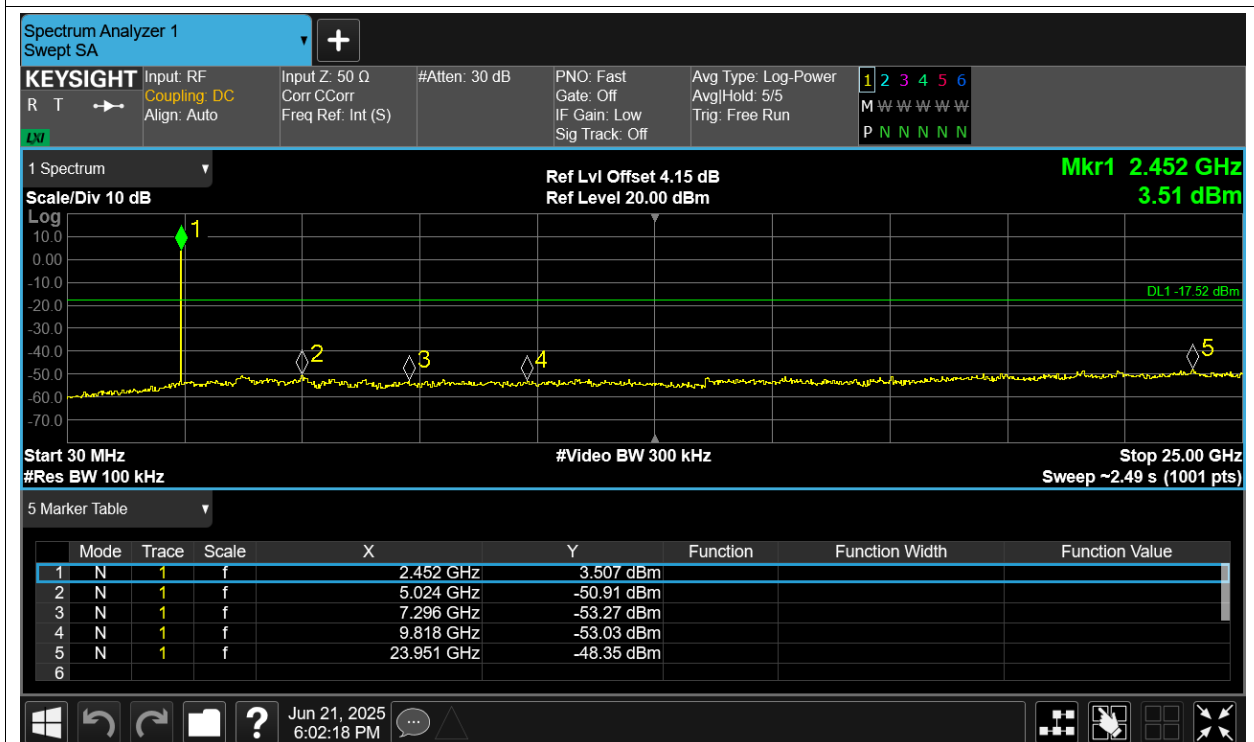
Tx. Spurious NVNT BLE 2402MHz Ant13 Emission



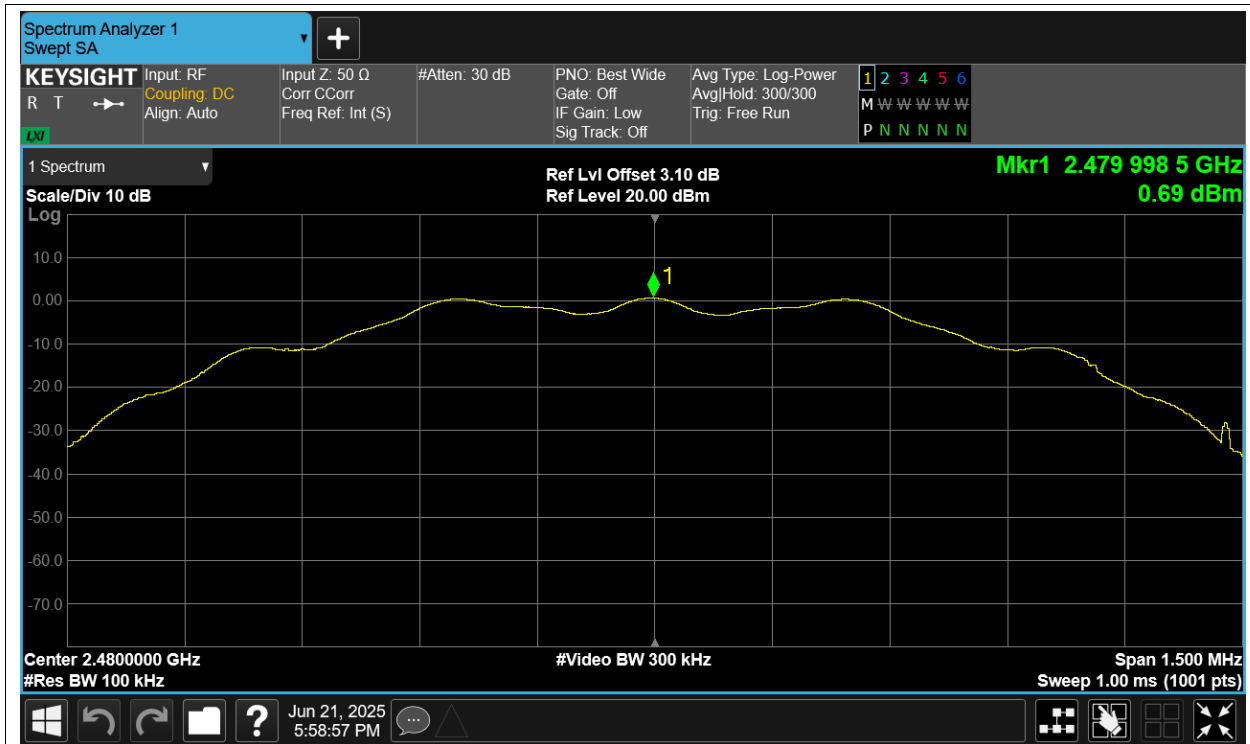
Tx. Spurious NVNT BLE 2442MHz Ant13 Ref



Tx. Spurious NVNT BLE 2442MHz Ant13 Emission



Tx. Spurious NVNT BLE 2480MHz Ant13 Ref



Tx. Spurious NVNT BLE 2480MHz Ant13 Emission

