

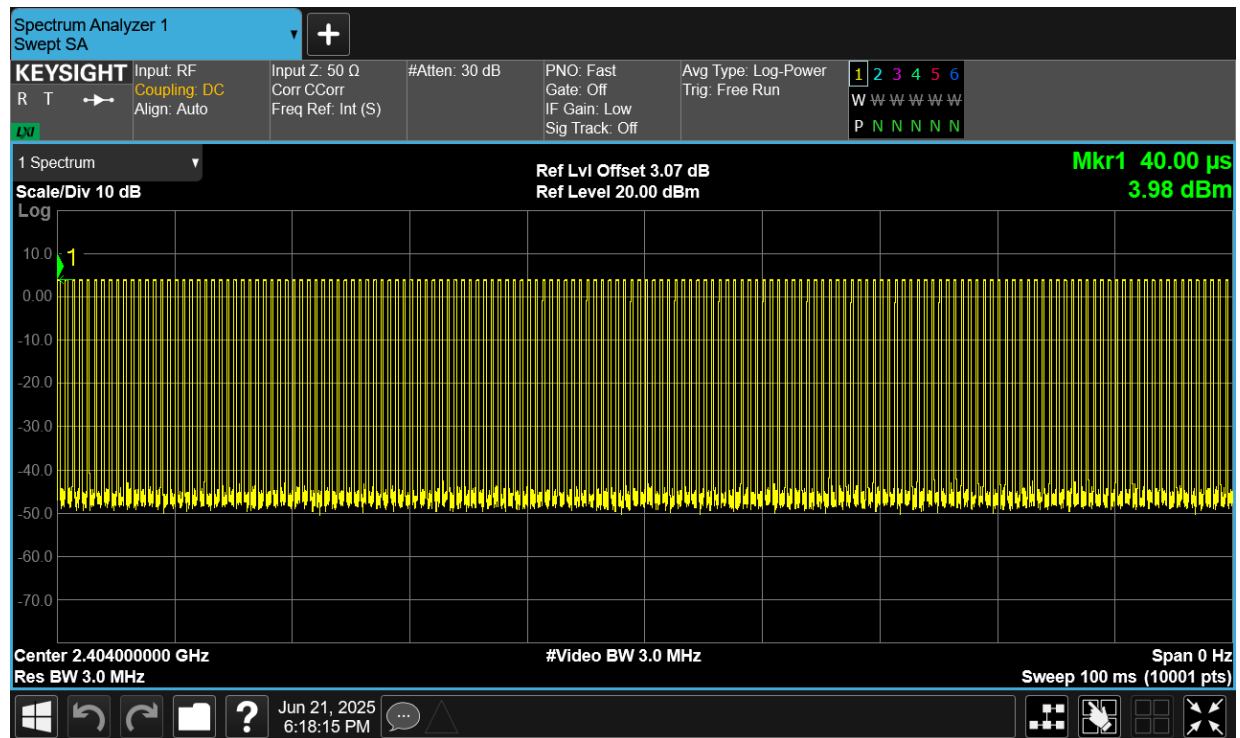
Test Data

Duty Cycle

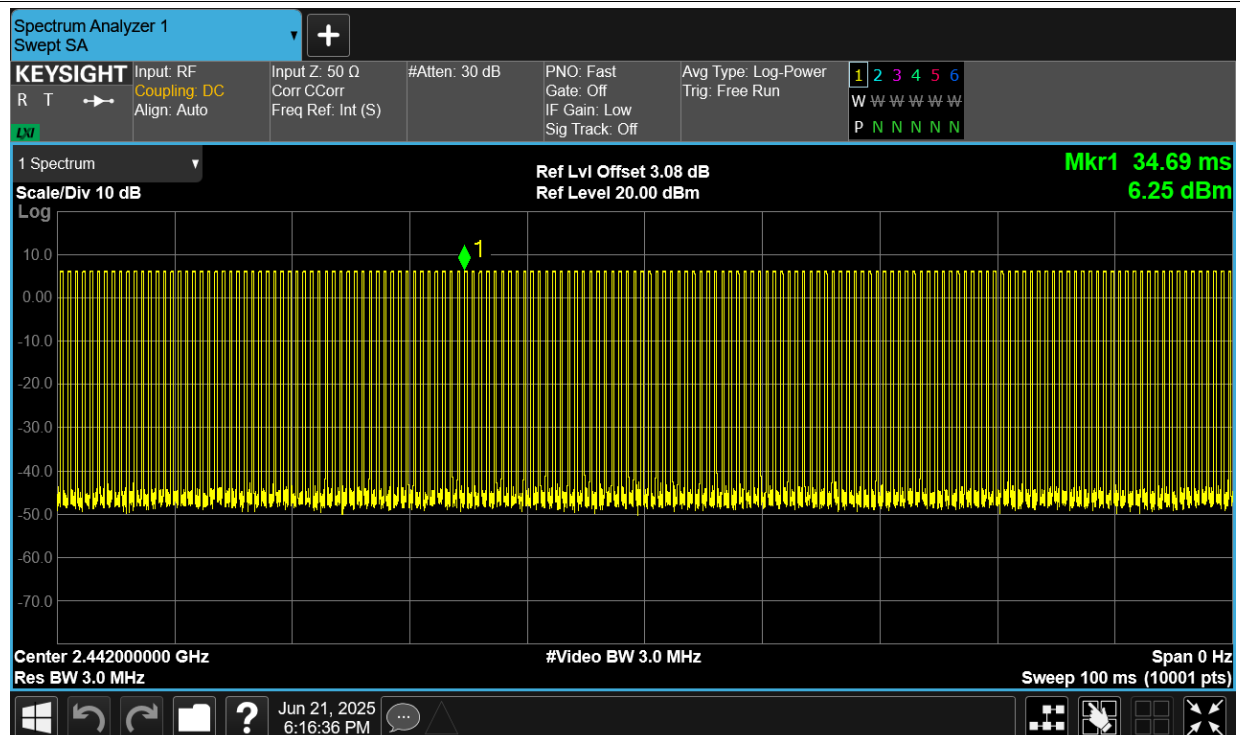
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	BLE	2404	Ant13	33.6	4.74
NVNT	BLE	2442	Ant13	33.61	4.74
NVNT	BLE	2478	Ant13	33.6	4.74

Test Graphs

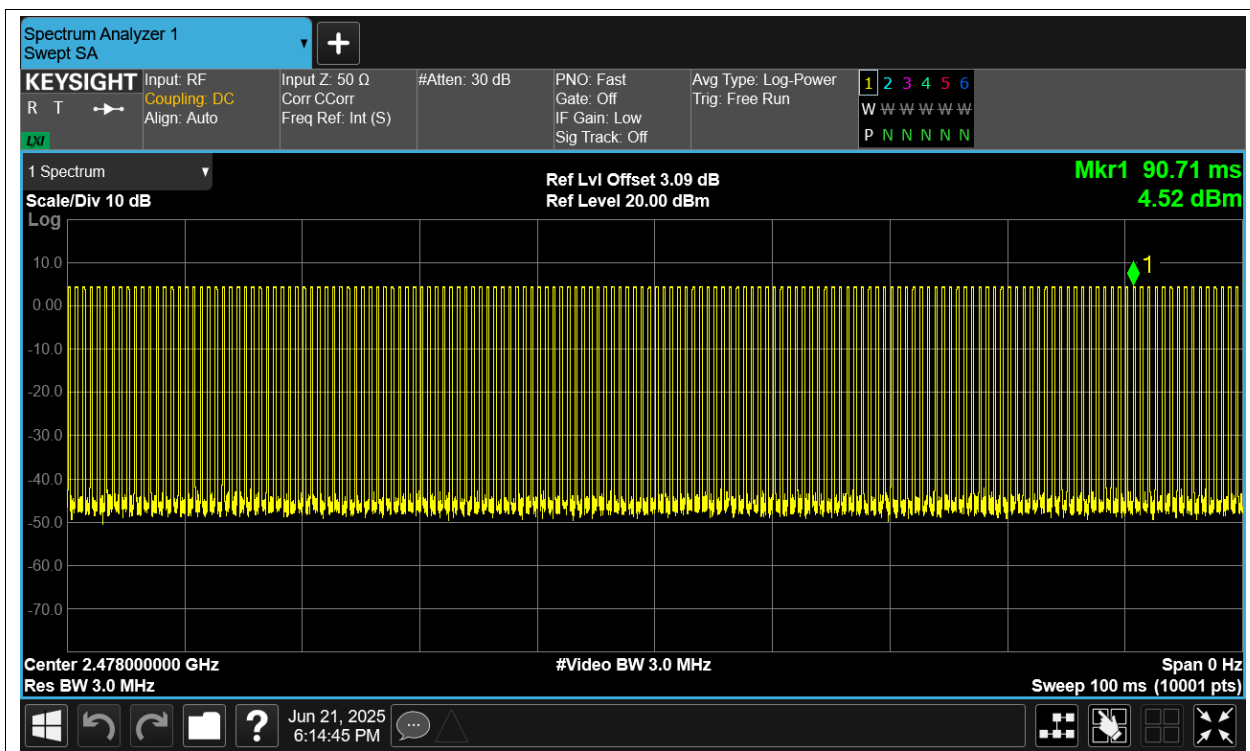
Duty Cycle NVNT BLE 2404MHz Ant13



Duty Cycle NVNT BLE 2442MHz Ant13



Duty Cycle NVNT BLE 2478MHz Ant13

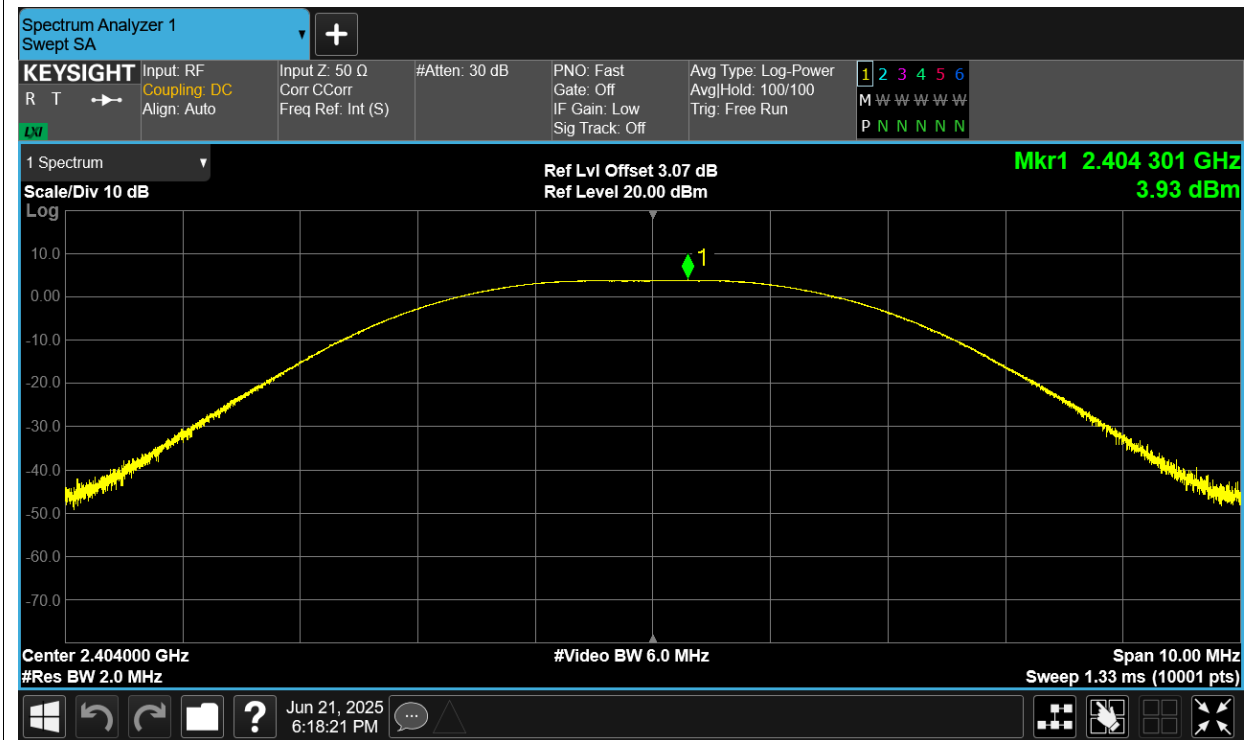


Maximum Conducted Output Power

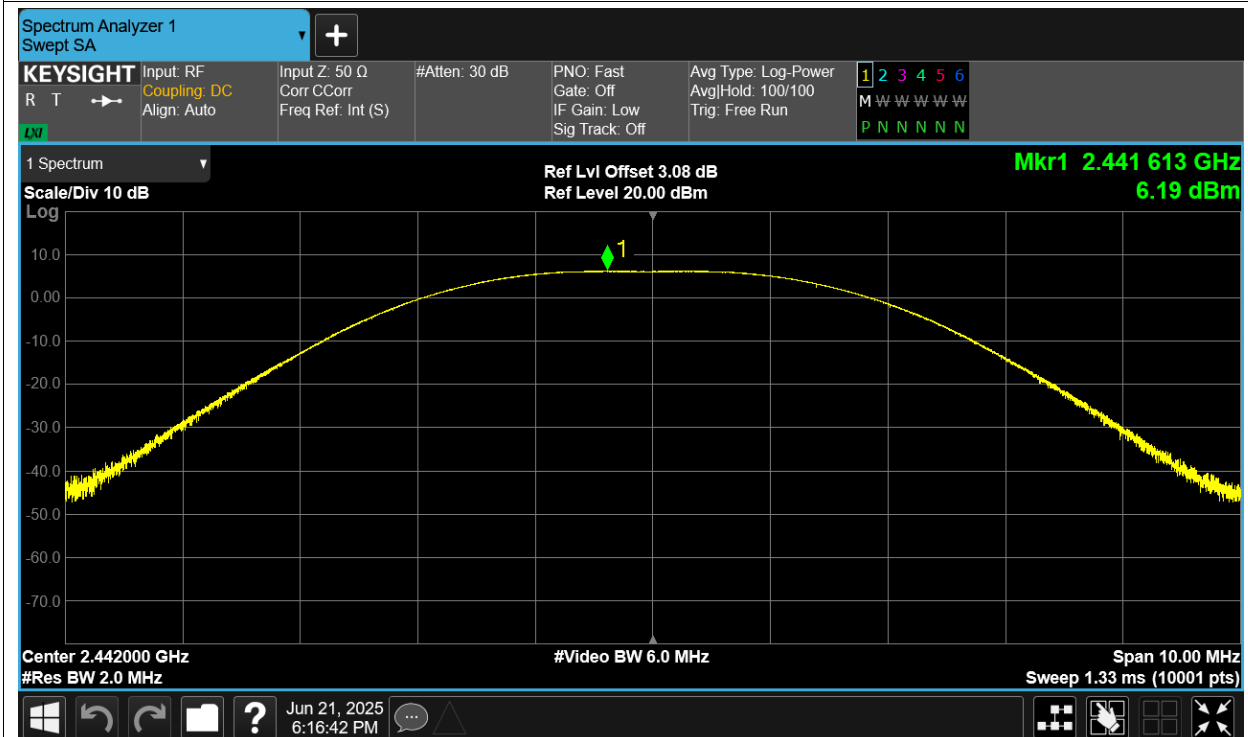
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE	2404	Ant13	3.93	30	Pass
NVNT	BLE	2442	Ant13	6.194	30	Pass
NVNT	BLE	2478	Ant13	4.459	30	Pass

Test Graphs

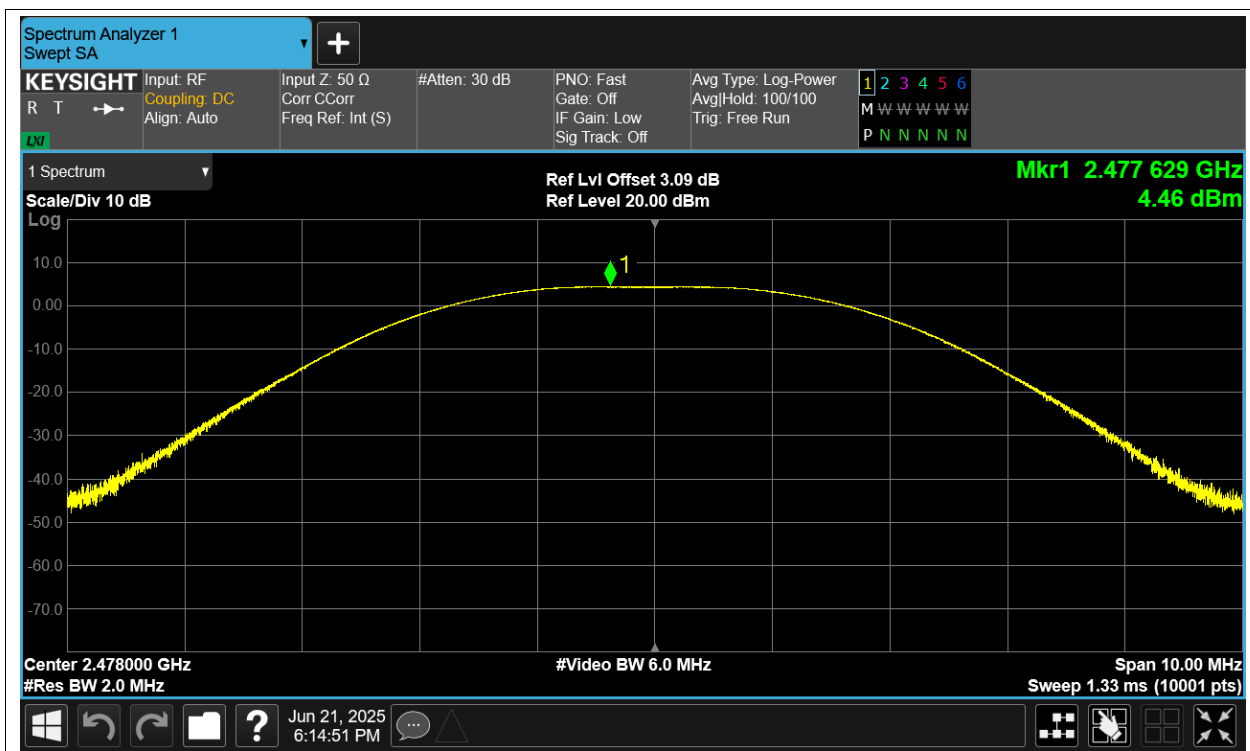
Power NVNT BLE 2404MHz Ant13



Power NVNT BLE 2442MHz Ant13



Power NVNT BLE 2478MHz Ant13

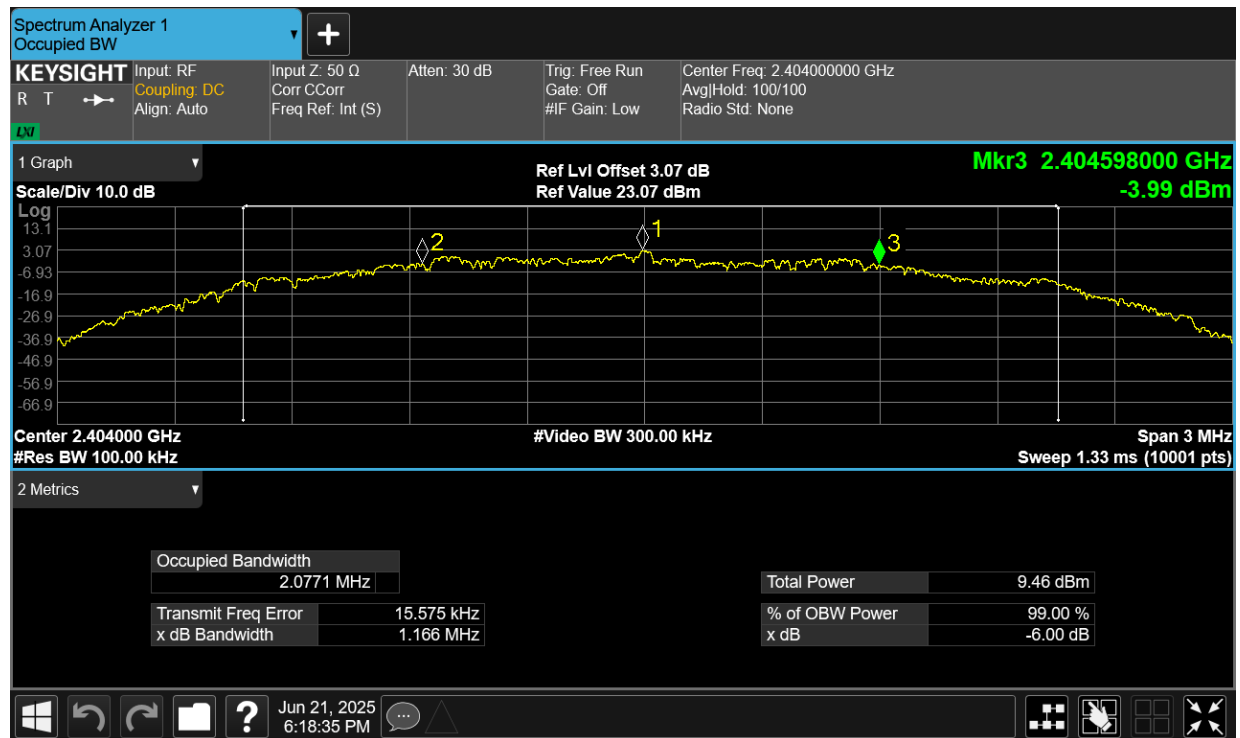


-6dB Bandwidth

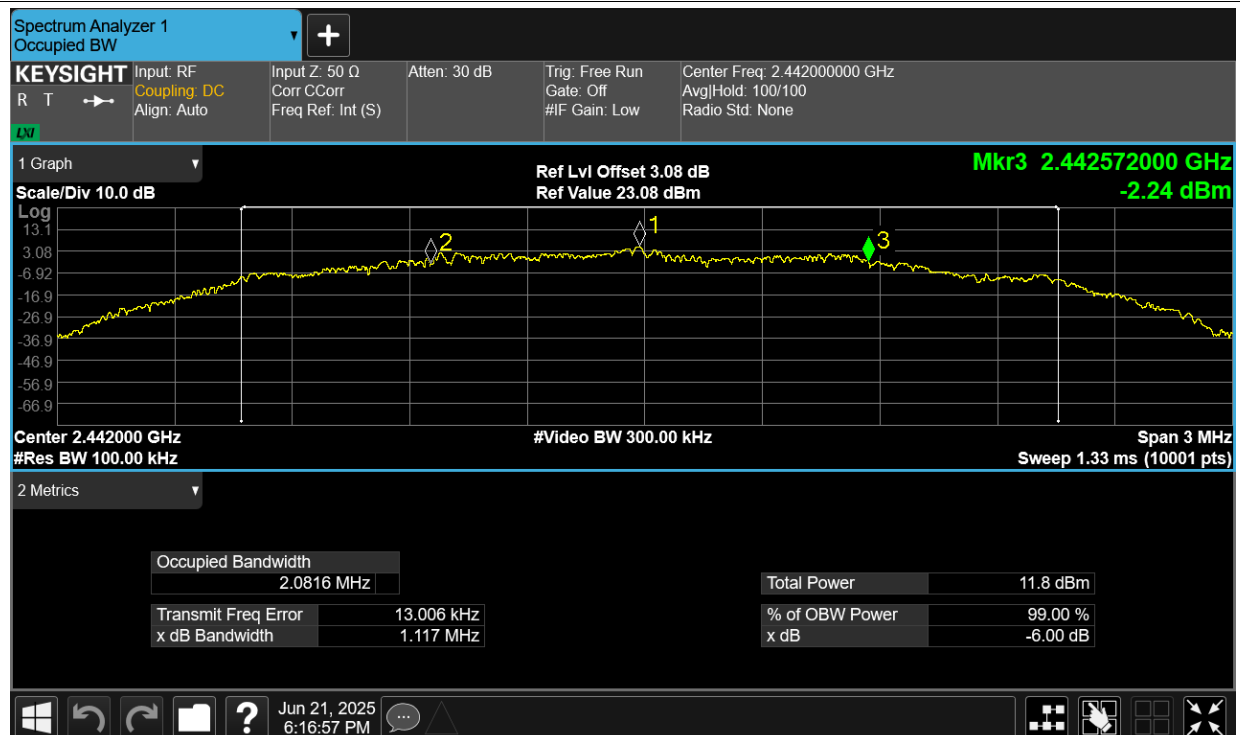
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	limit	Verdic
NVNT	BLE	2404	Ant13	1.166	0.5	Pass
NVNT	BLE	2442	Ant13	1.117	0.5	Pass
NVNT	BLE	2478	Ant13	1.167	0.5	Pass

Test Graphs

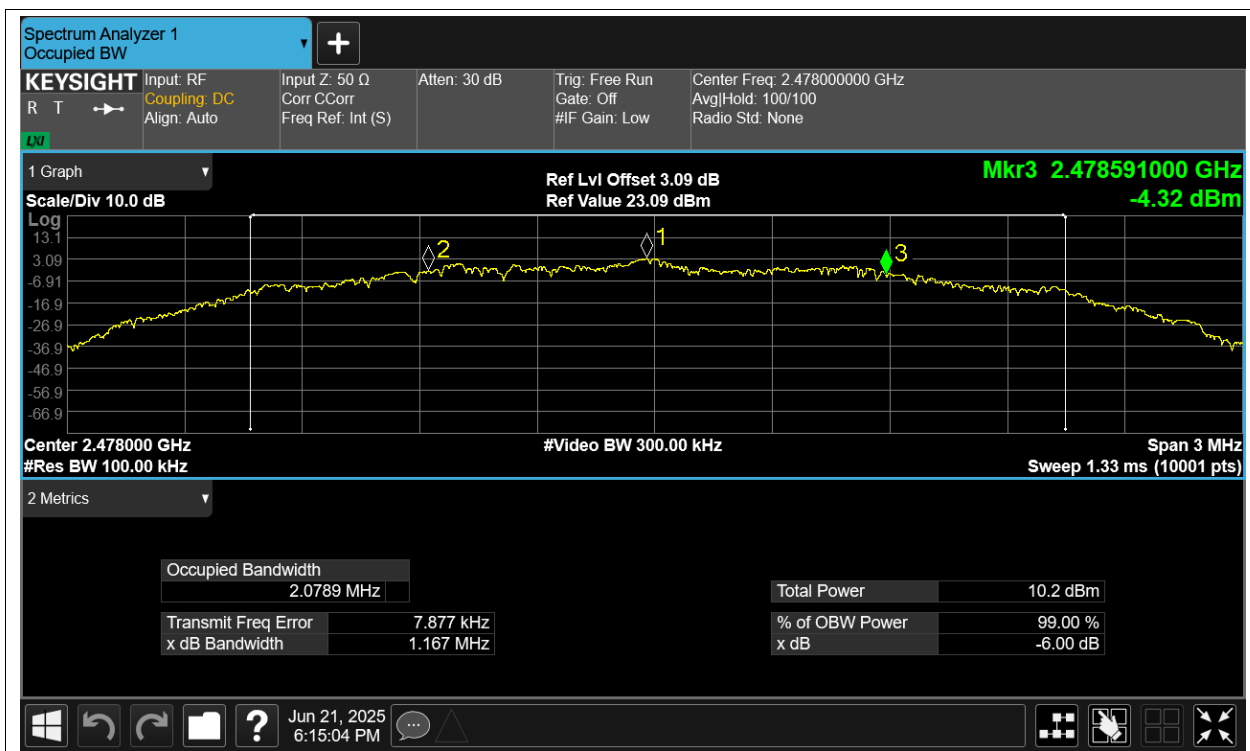
-6dB Bandwidth NVNT BLE 2404MHz Ant13



-6dB Bandwidth NVNT BLE 2442MHz Ant13



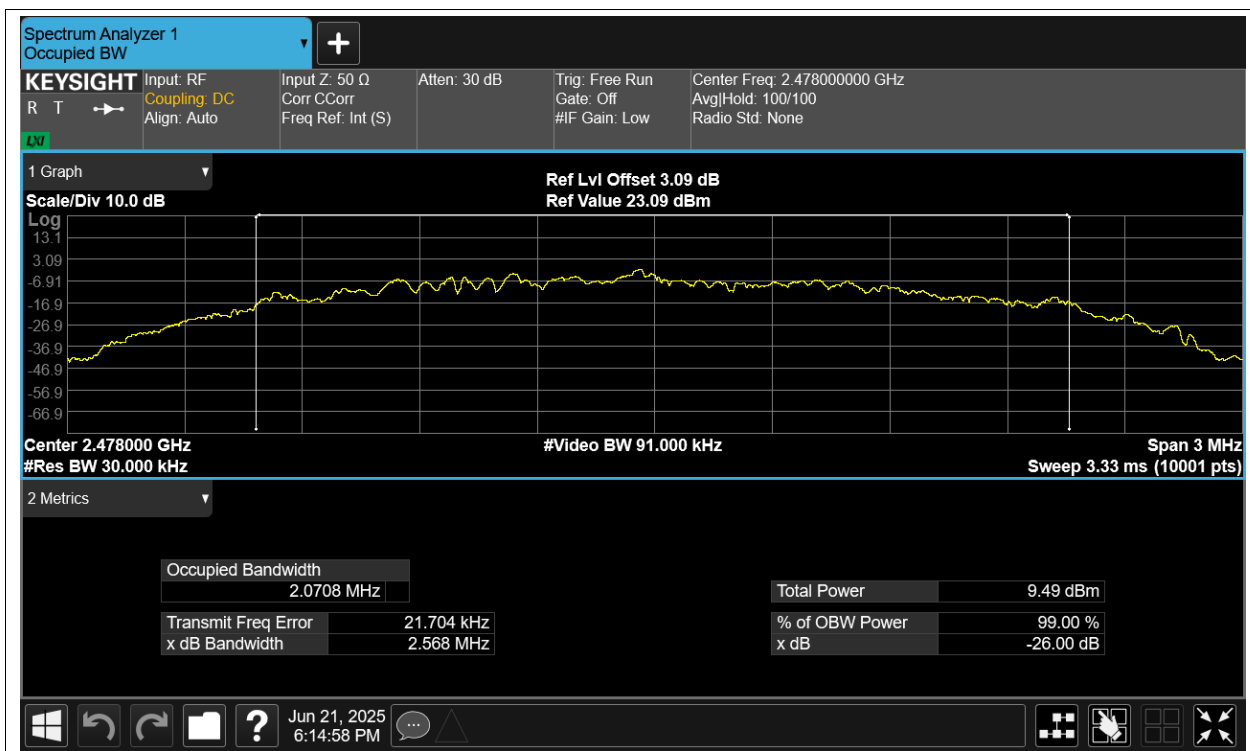
-6dB Bandwidth NVNT BLE 2478MHz Ant13



Occupied Channel Bandwidth

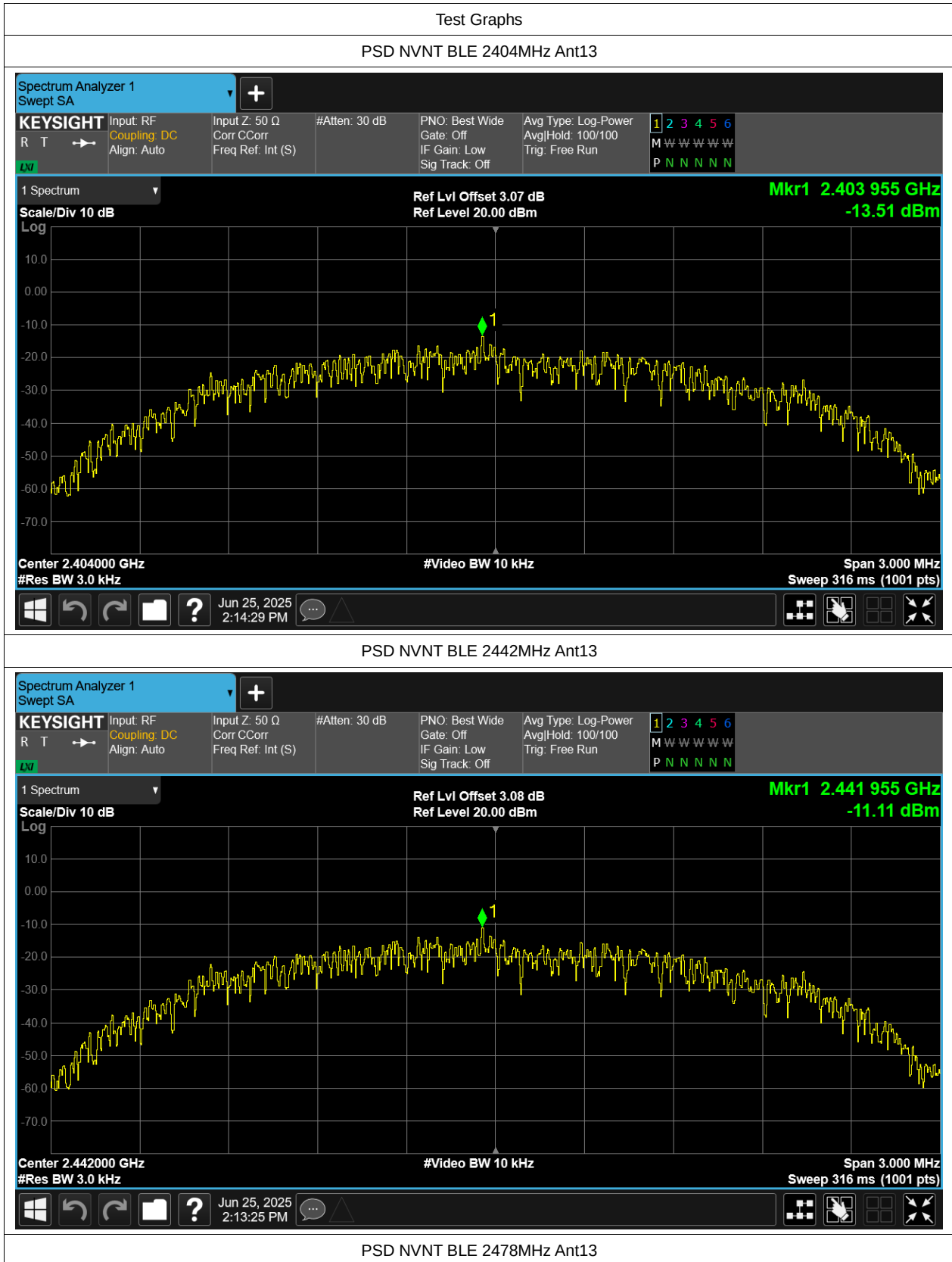
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	BLE	2404	Ant13	2.061
NVNT	BLE	2442	Ant13	2.064
NVNT	BLE	2478	Ant13	2.071

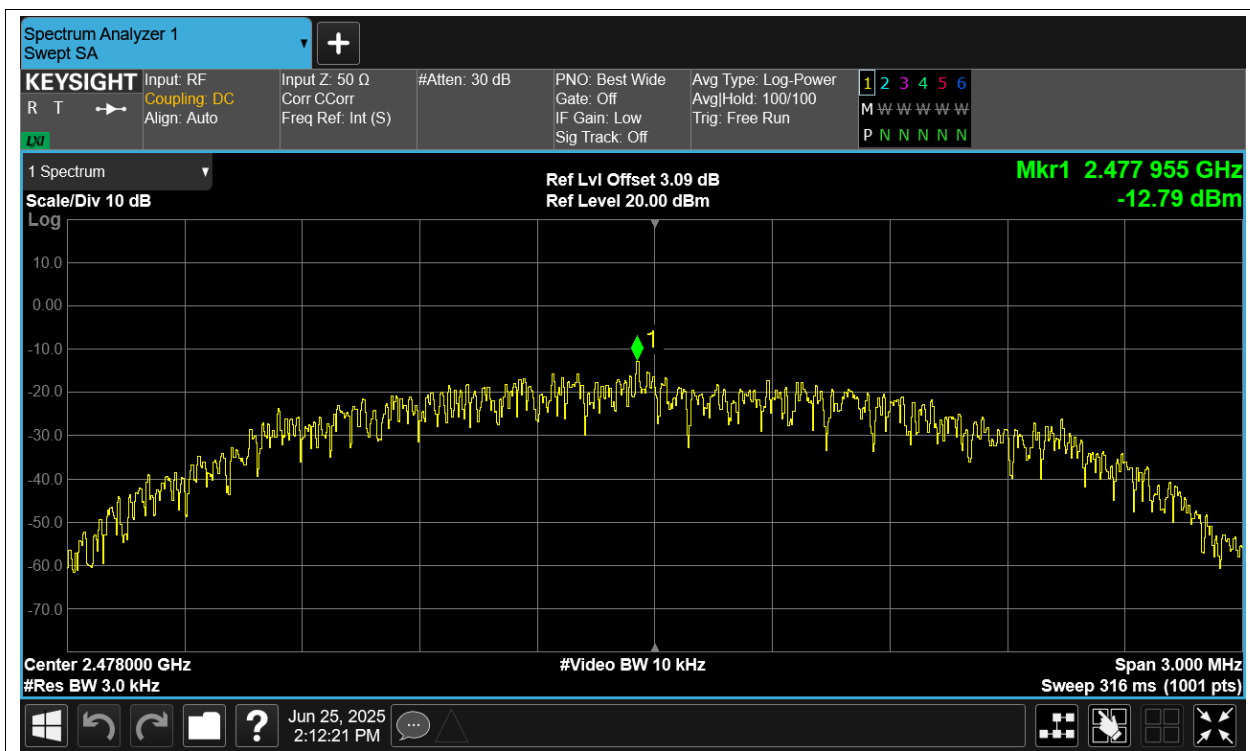




Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	BLE	2404	Ant13	-13.509	8	Pass
NVNT	BLE	2442	Ant13	-11.107	8	Pass
NVNT	BLE	2478	Ant13	-12.789	8	Pass



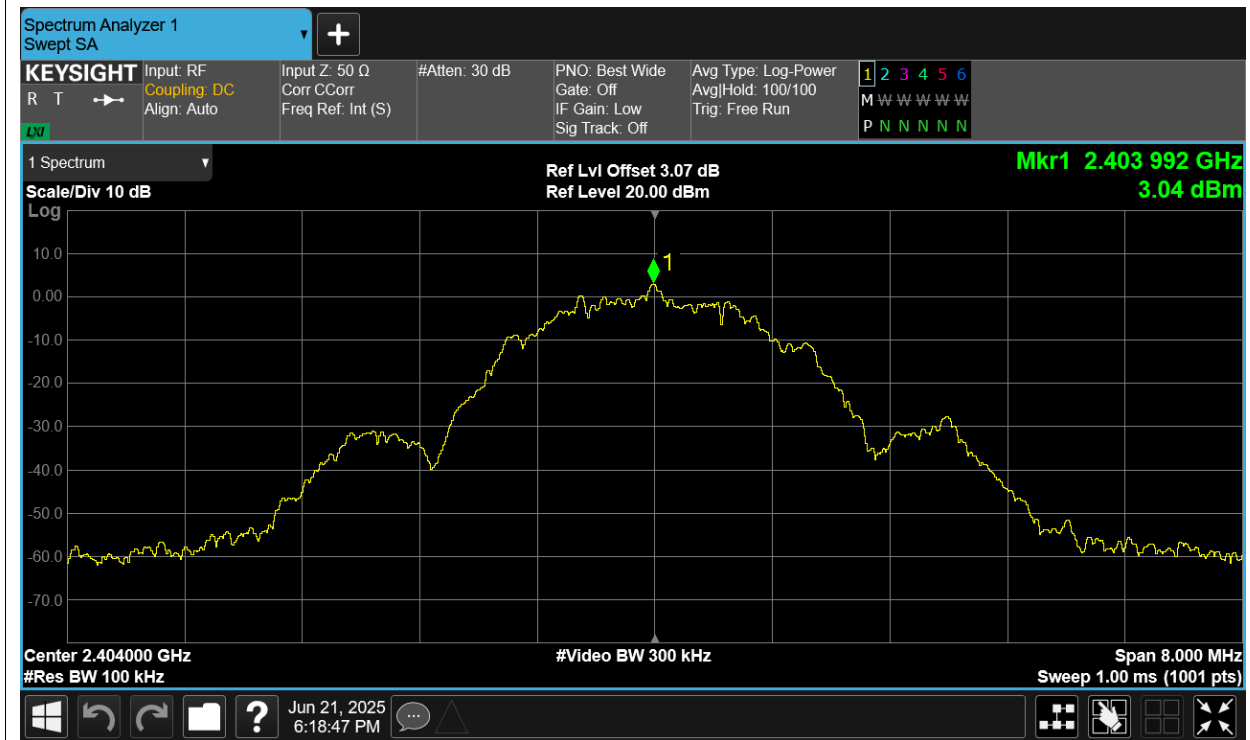


Band Edge

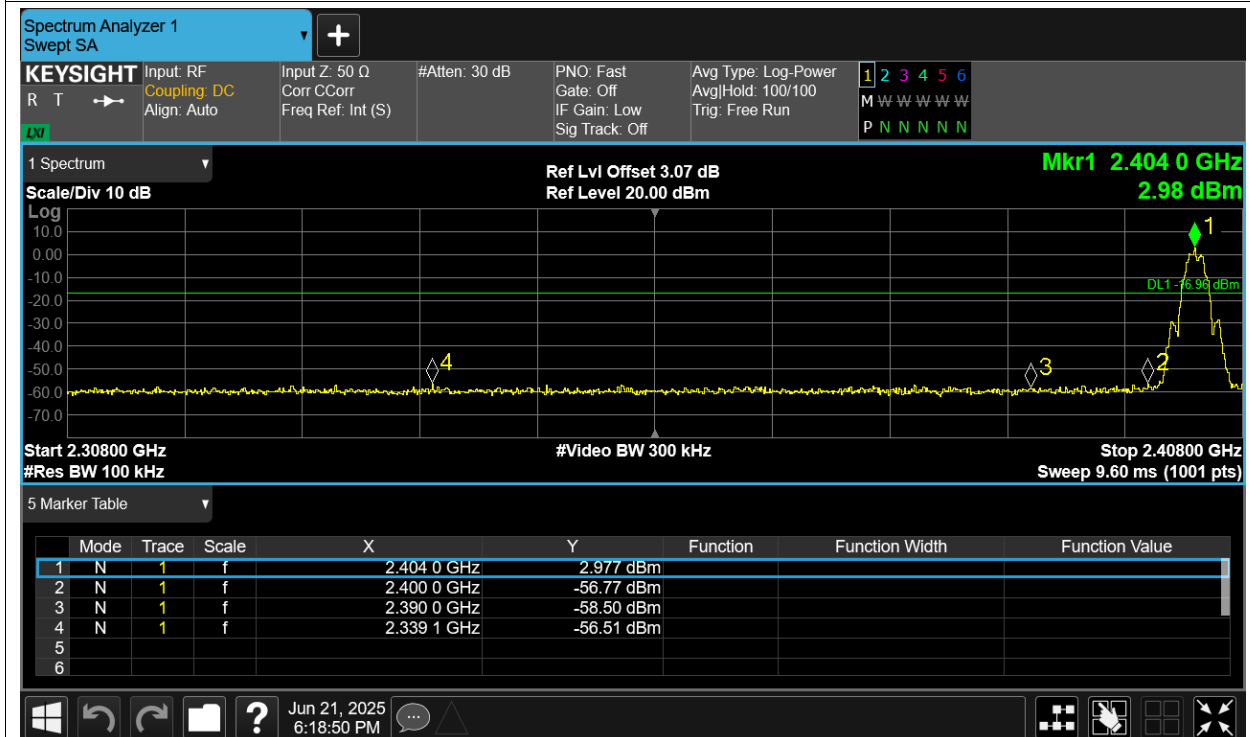
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE	2404	Ant13	-59.55	-20	Pass
NVNT	BLE	2478	Ant13	-59.08	-20	Pass

Test Graphs

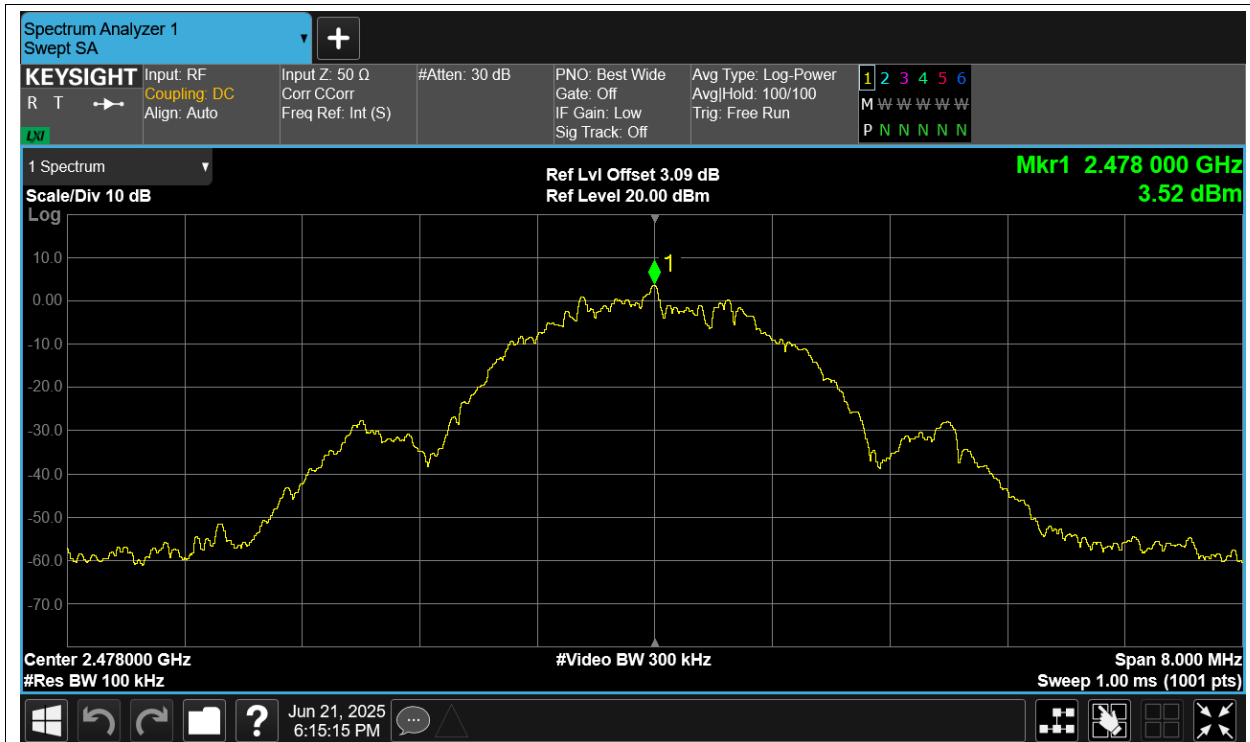
Band Edge NVNT BLE 2404MHz Ant13 Ref



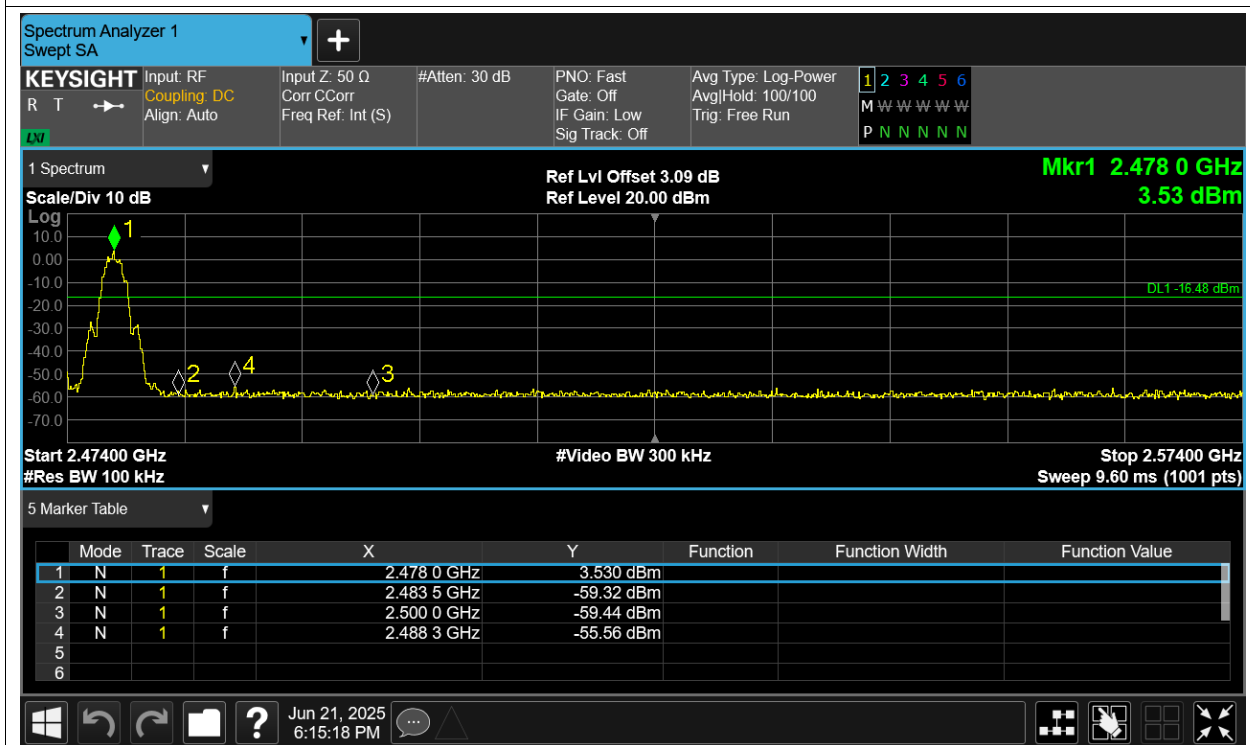
Band Edge NVNT BLE 2404MHz Ant13 Emission



Band Edge NVNT BLE 2478MHz Ant13 Ref



Band Edge NVNT BLE 2478MHz Ant13 Emission

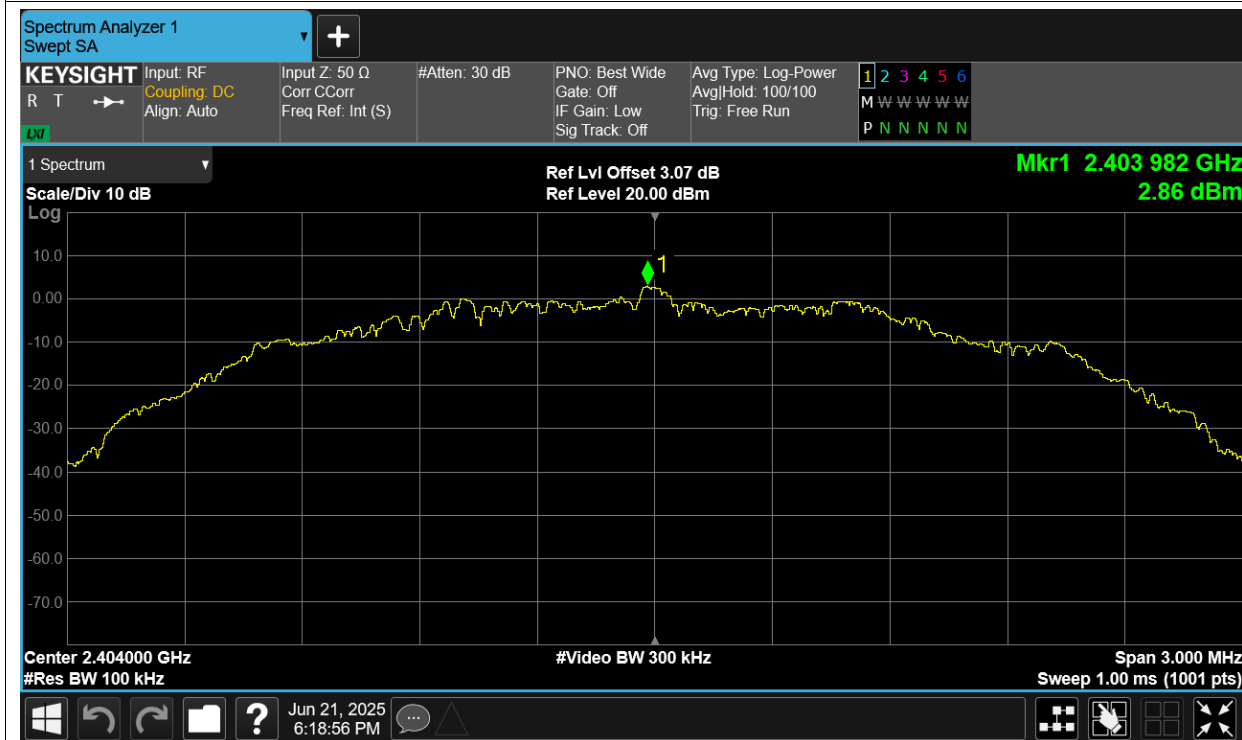


Conducted RF Spurious Emission

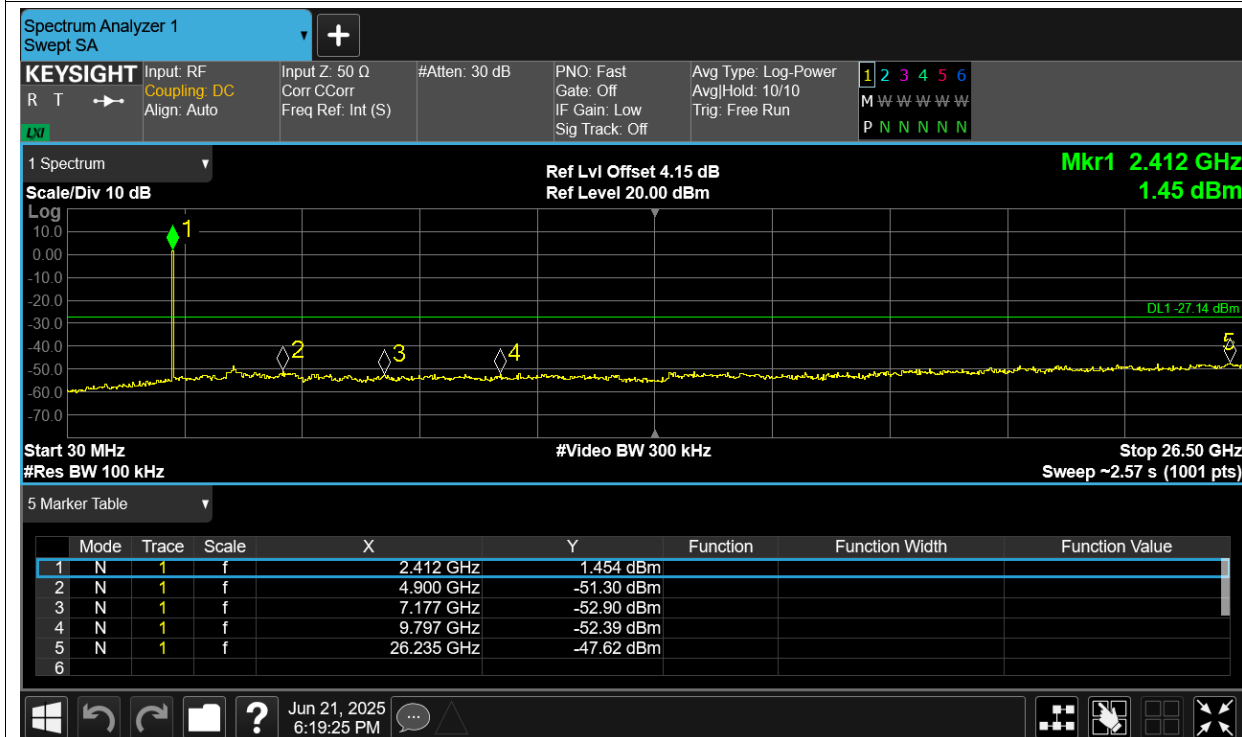
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE	2404	Ant13	-50.48	-30	Pass
NVNT	BLE	2442	Ant13	-52.19	-30	Pass
NVNT	BLE	2478	Ant13	-50.1	-30	Pass

Test Graphs

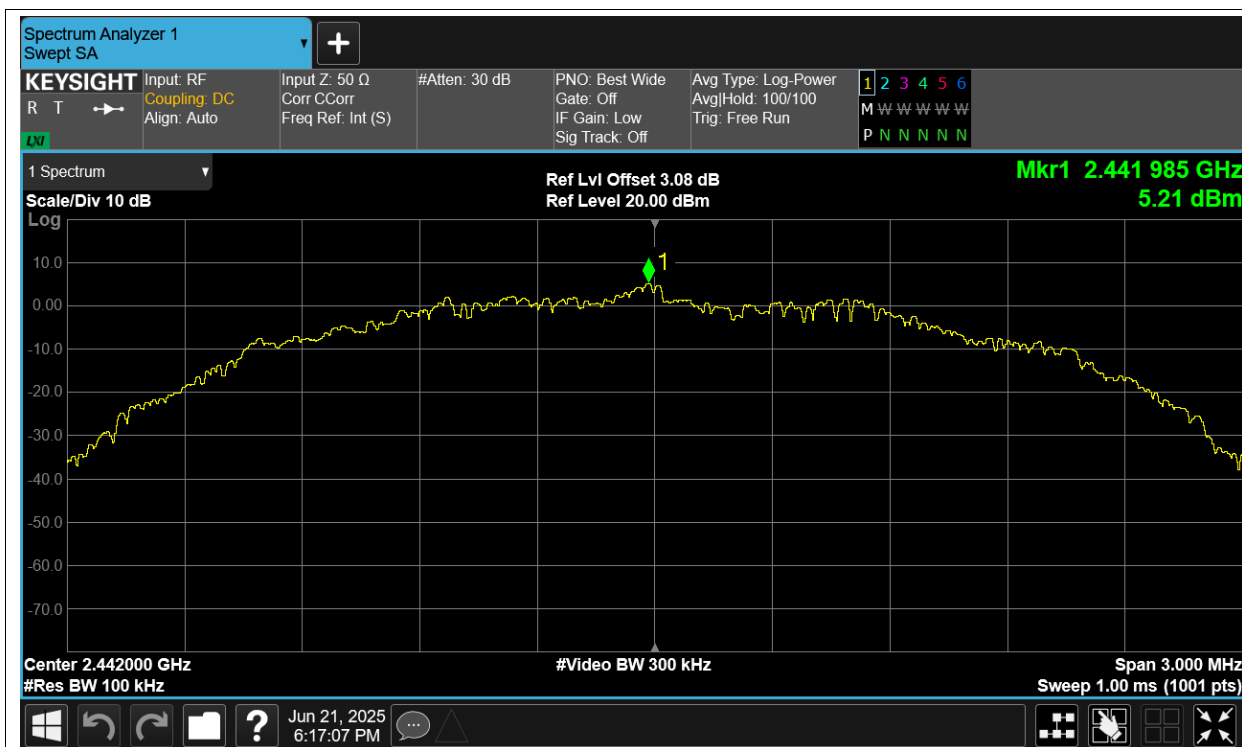
Tx. Spurious NVNT BLE 2404MHz Ant13 Ref



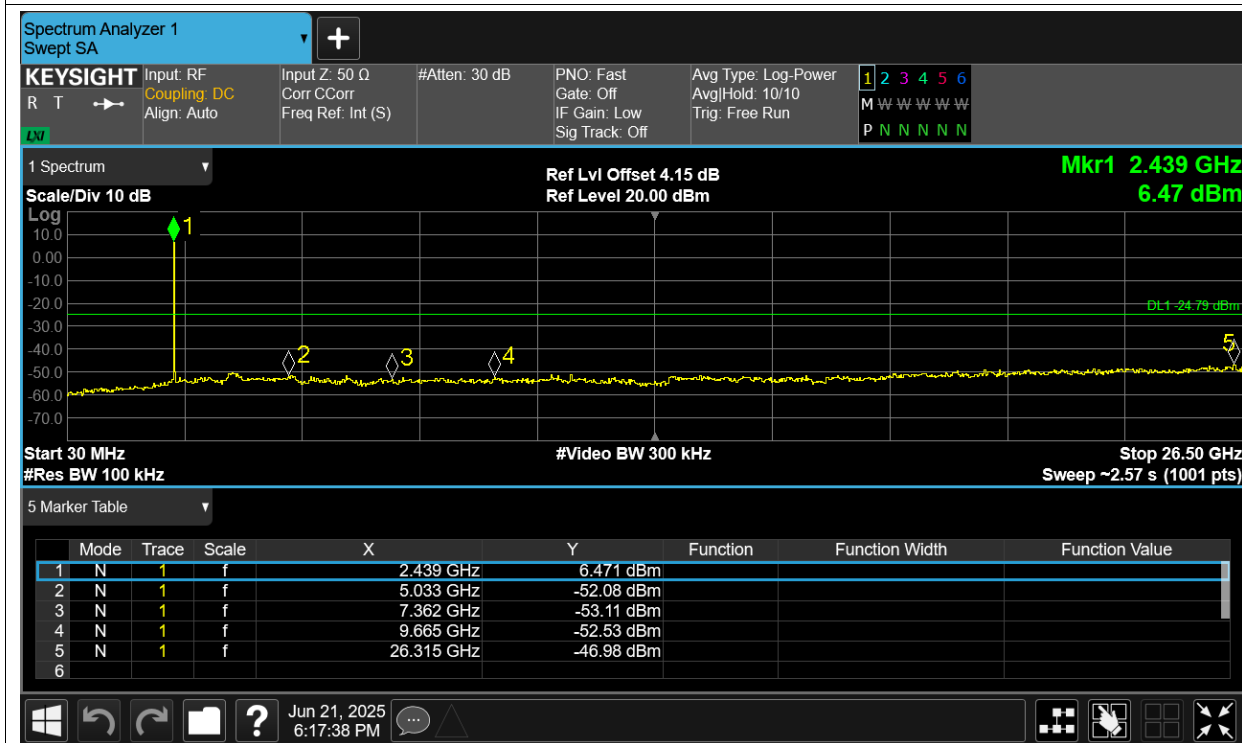
Tx. Spurious NVNT BLE 2404MHz Ant13 Emission



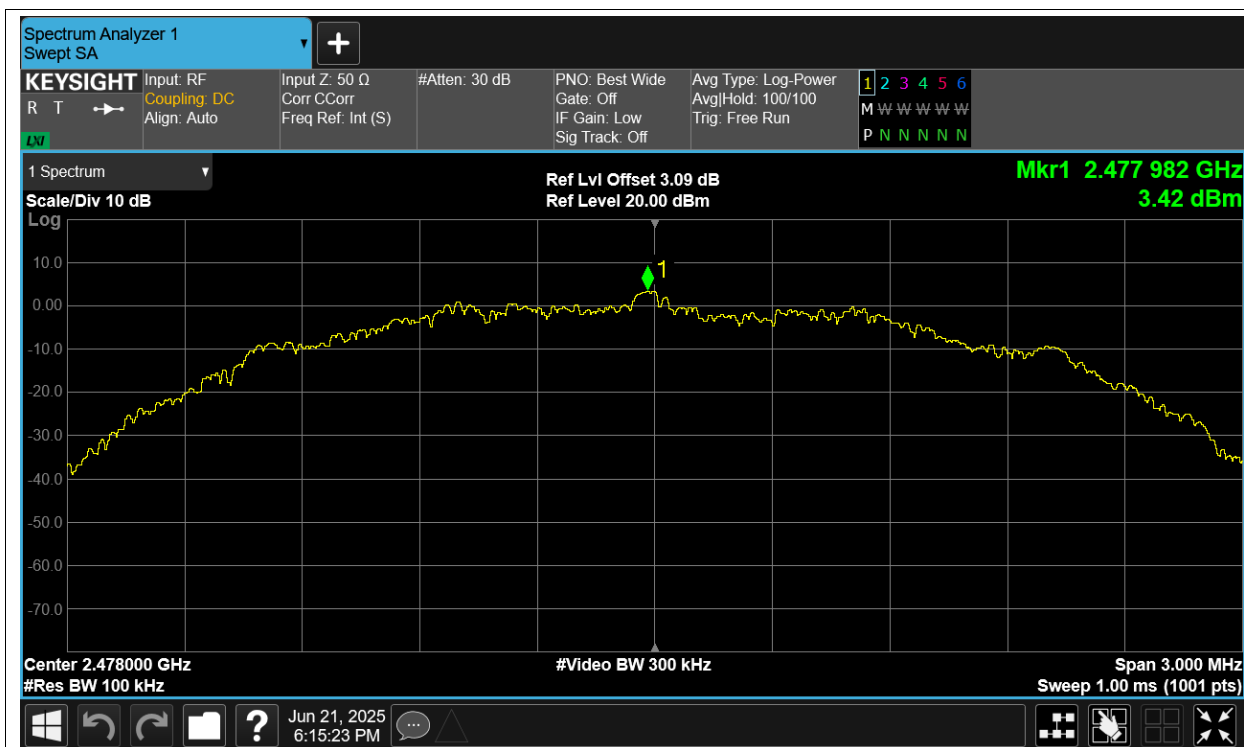
Tx. Spurious NVNT BLE 2442MHz Ant13 Ref



Tx. Spurious NVNT BLE 2442MHz Ant13 Emission



Tx. Spurious NVNT BLE 2478MHz Ant13 Ref



Tx. Spurious NVNT BLE 2478MHz Ant13 Emission

