

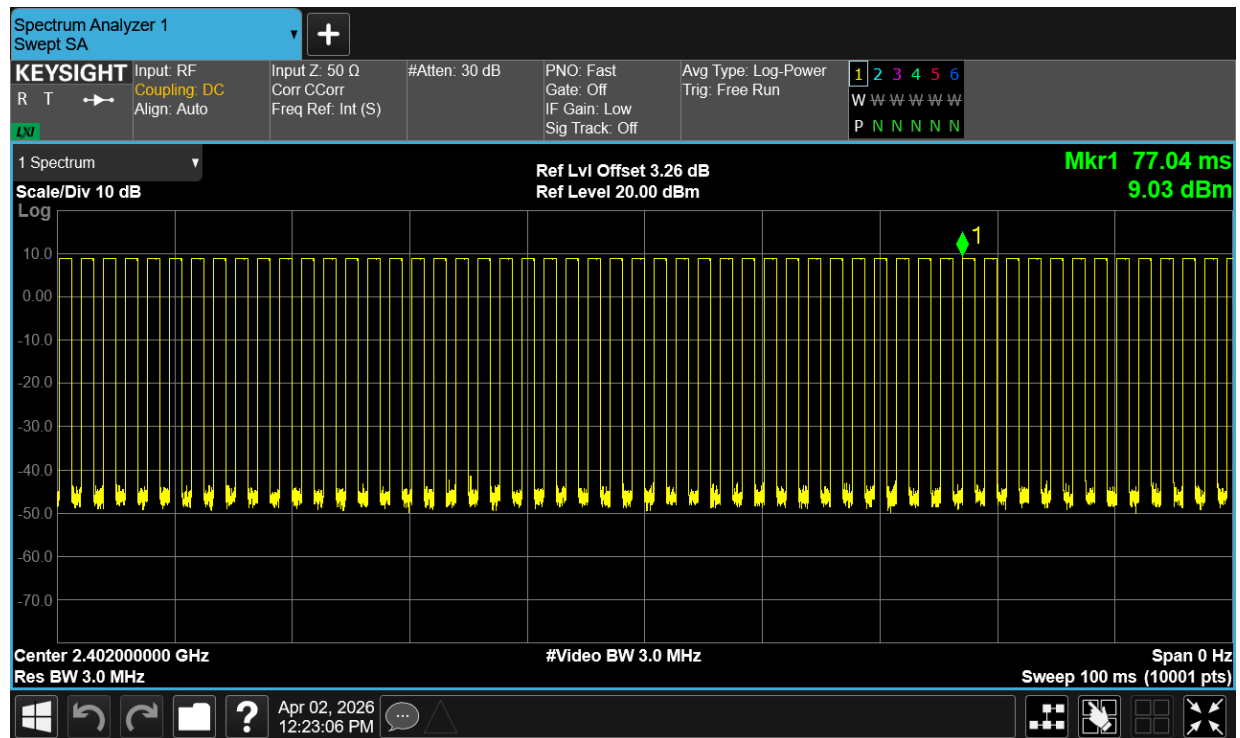
Test Data

Duty Cycle

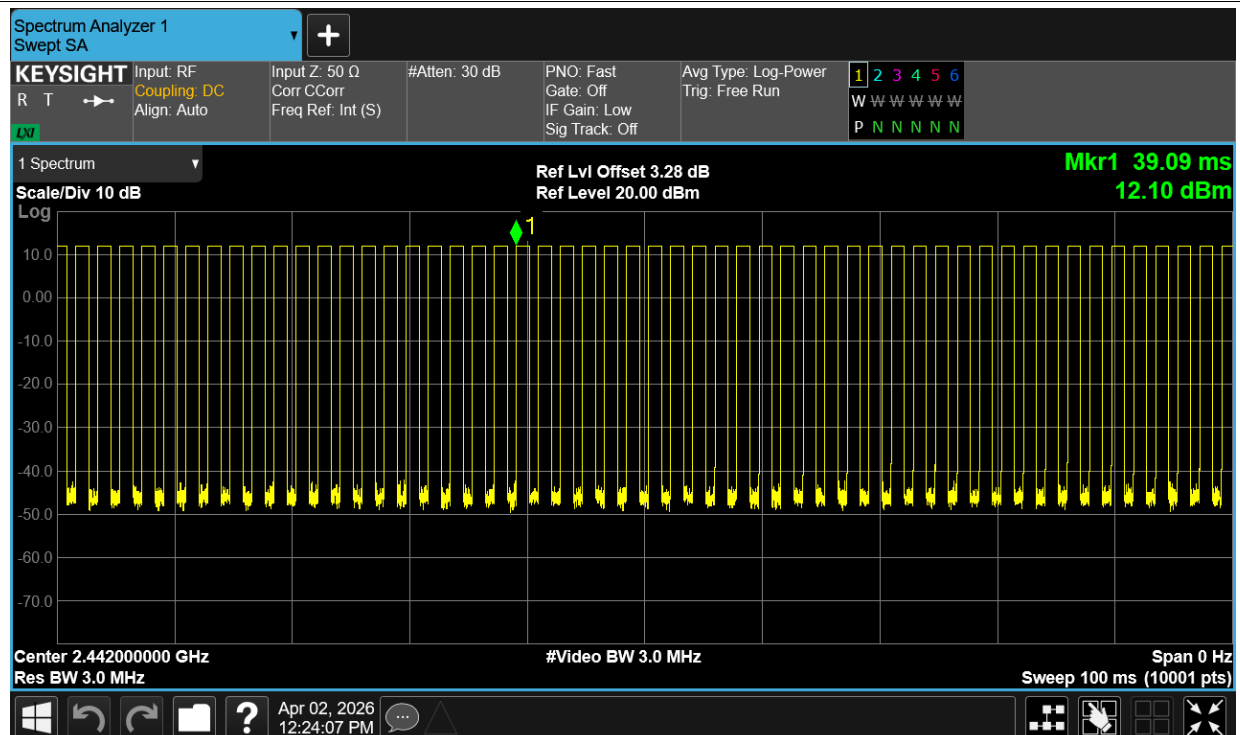
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	BLE	2404	Ant12	57.7	2.39
NVNT	BLE	2442	Ant12	58.24	2.35
NVNT	BLE	2478	Ant12	58.65	2.32

Test Graphs

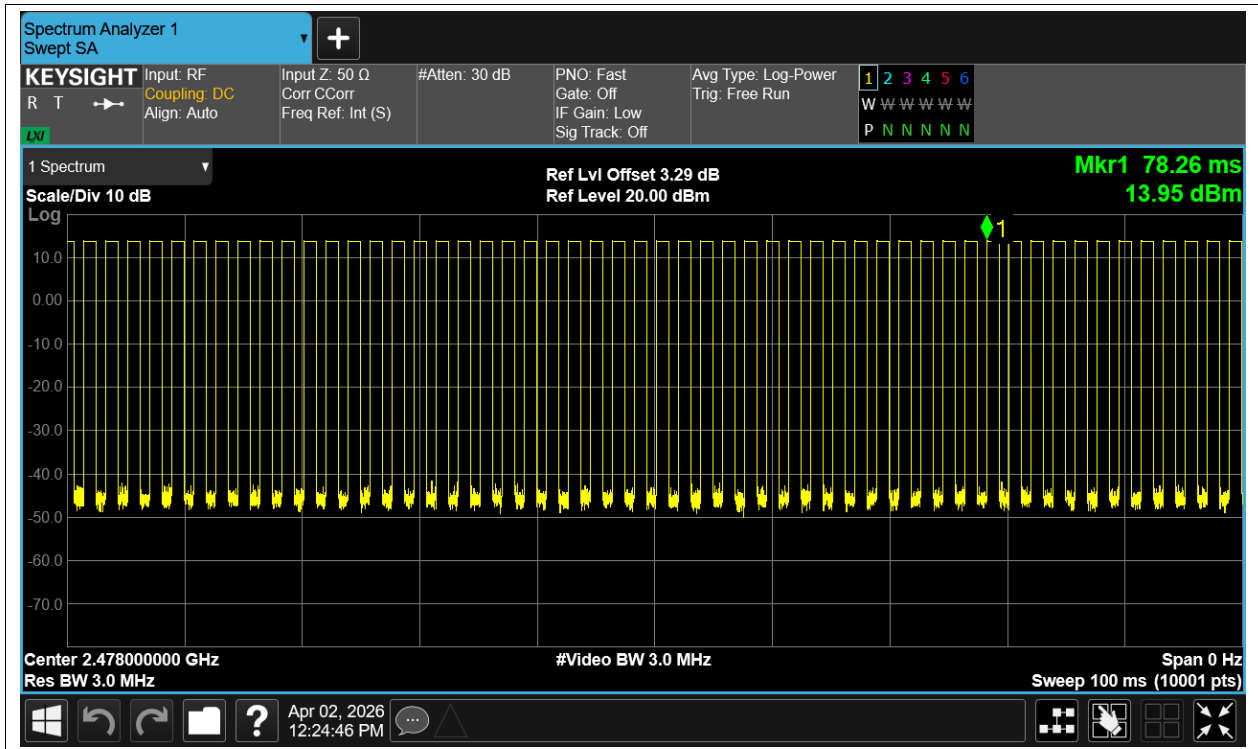
Duty Cycle NVNT BLE 2404MHz Ant12



Duty Cycle NVNT BLE 2442MHz Ant12



Duty Cycle NVNT BLE 2478MHz Ant12

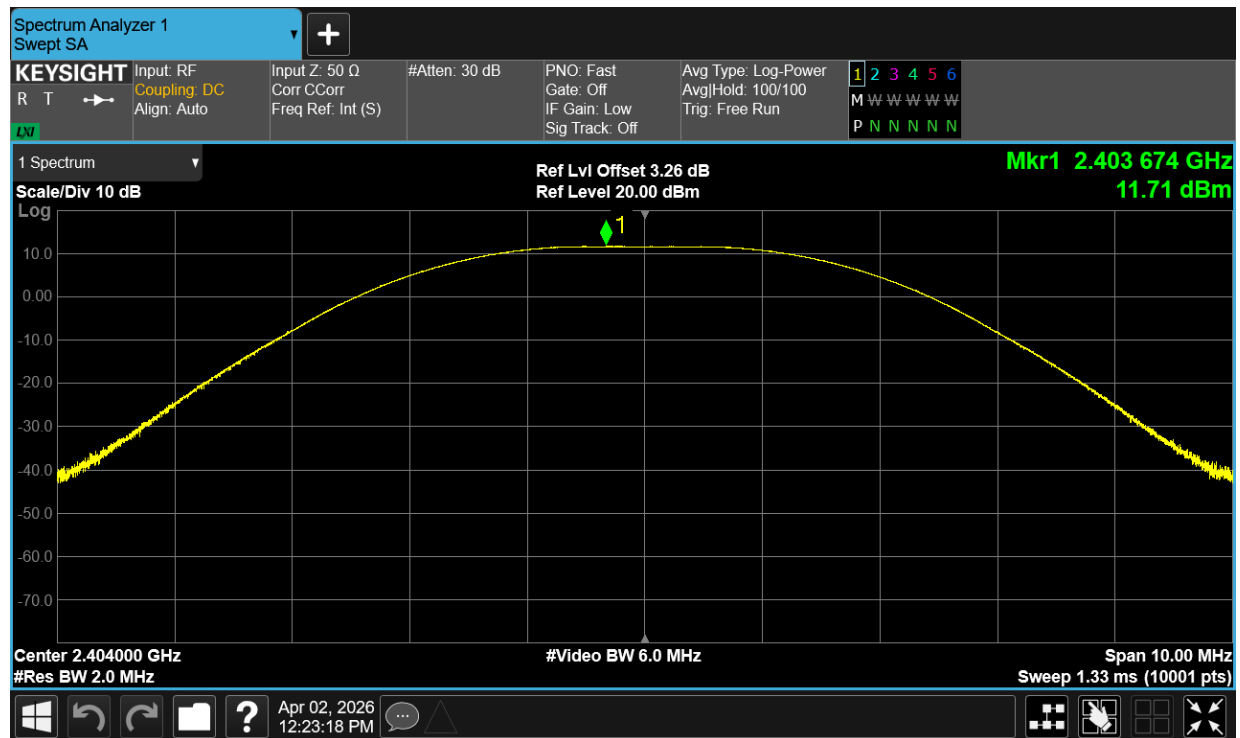


Maximum Conducted Output Power

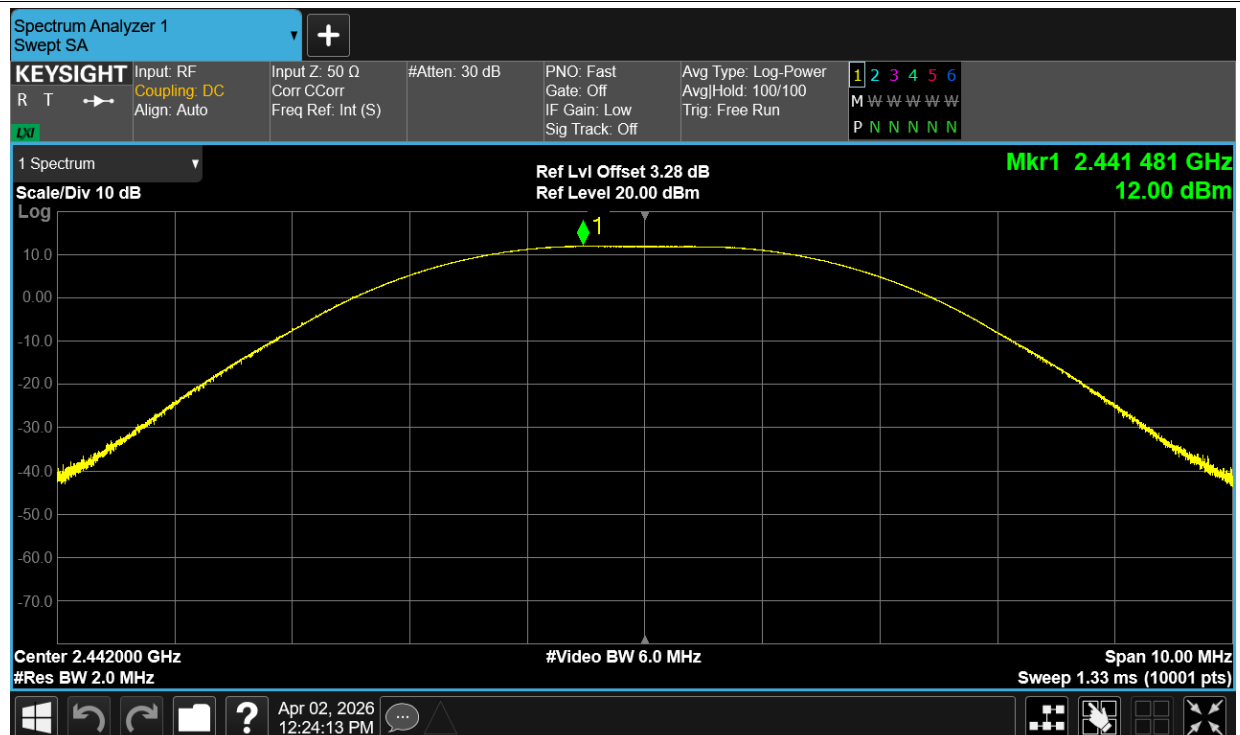
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE	2404	Ant12	11.713	30	Pass
NVNT	BLE	2442	Ant12	11.999	30	Pass
NVNT	BLE	2478	Ant12	13.882	30	Pass

Test Graphs

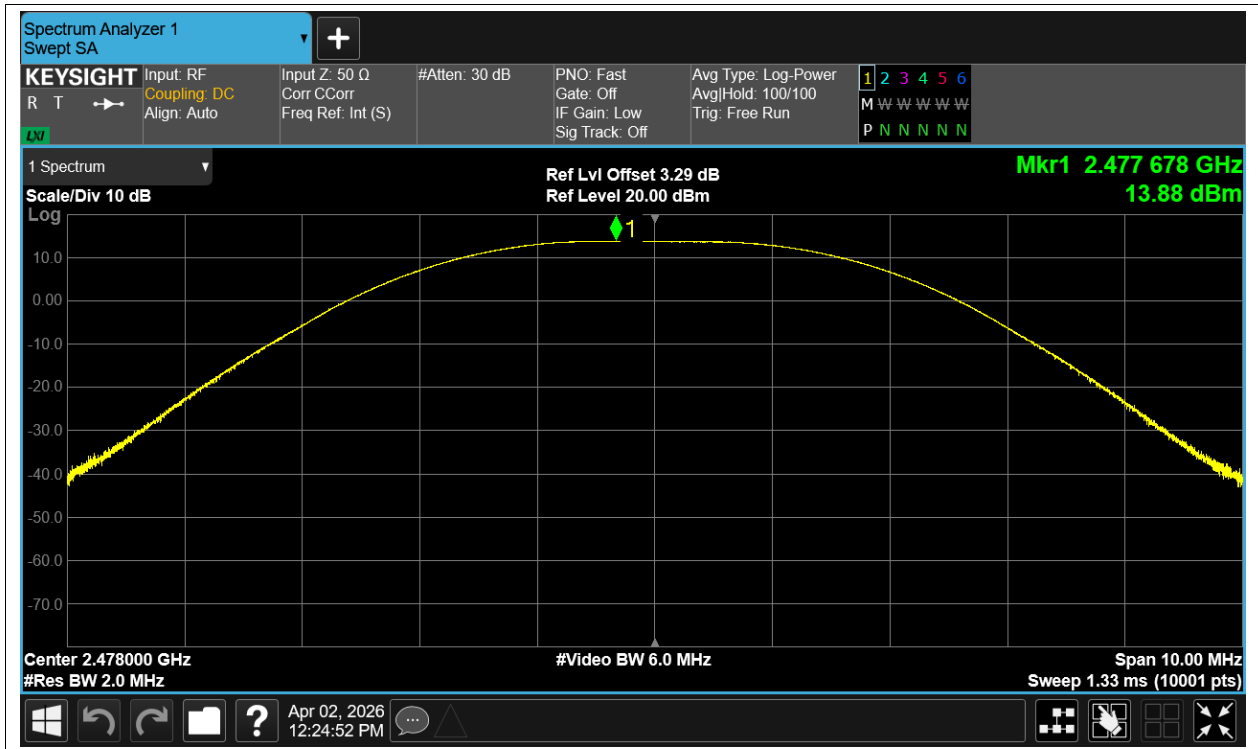
Power NVNT BLE 2404MHz Ant12



Power NVNT BLE 2442MHz Ant12



Power NVNT BLE 2478MHz Ant12



-6dB Bandwidth

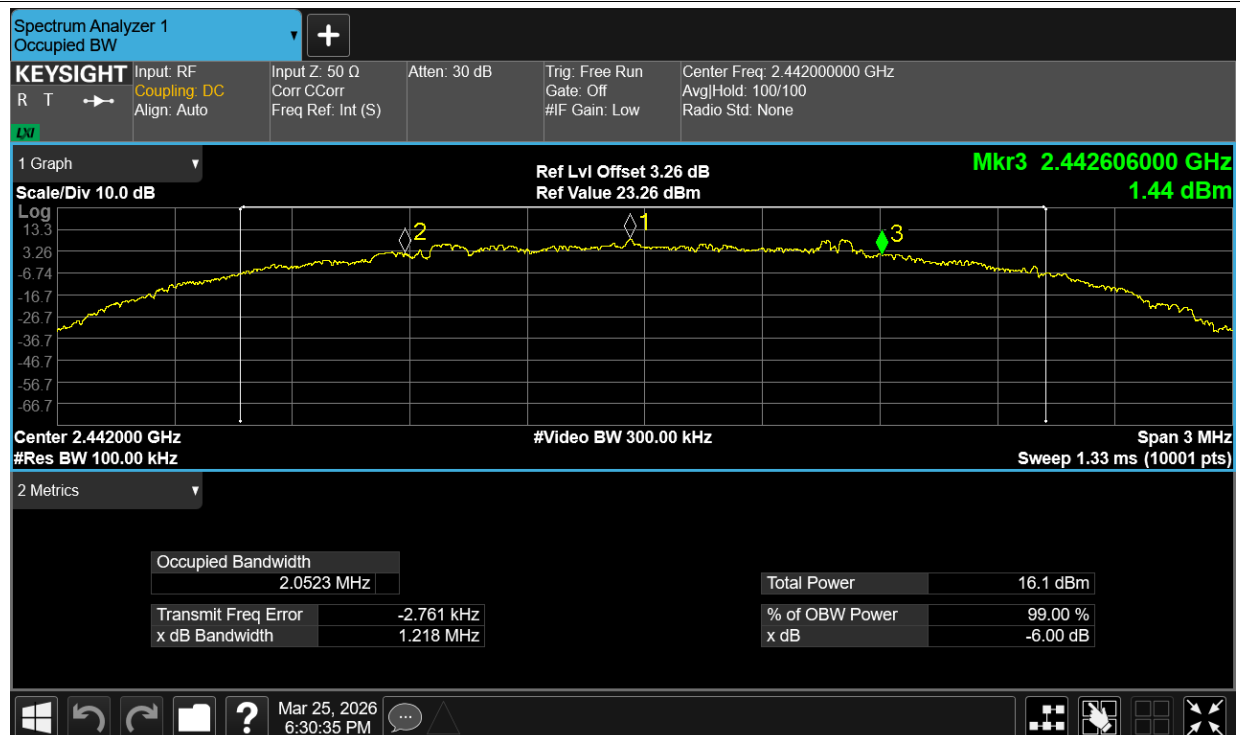
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	limit(MHz)	Verdic
NVNT	BLE	2404	Ant12	1.154	0.5	Pass
NVNT	BLE	2442	Ant12	1.218	0.5	Pass
NVNT	BLE	2478	Ant12	1.15	0.5	Pass

Test Graphs

-6dB Bandwidth NVNT BLE 2404MHz Ant12



-6dB Bandwidth NVNT BLE 2442MHz Ant12



-6dB Bandwidth NVNT BLE 2478MHz Ant12

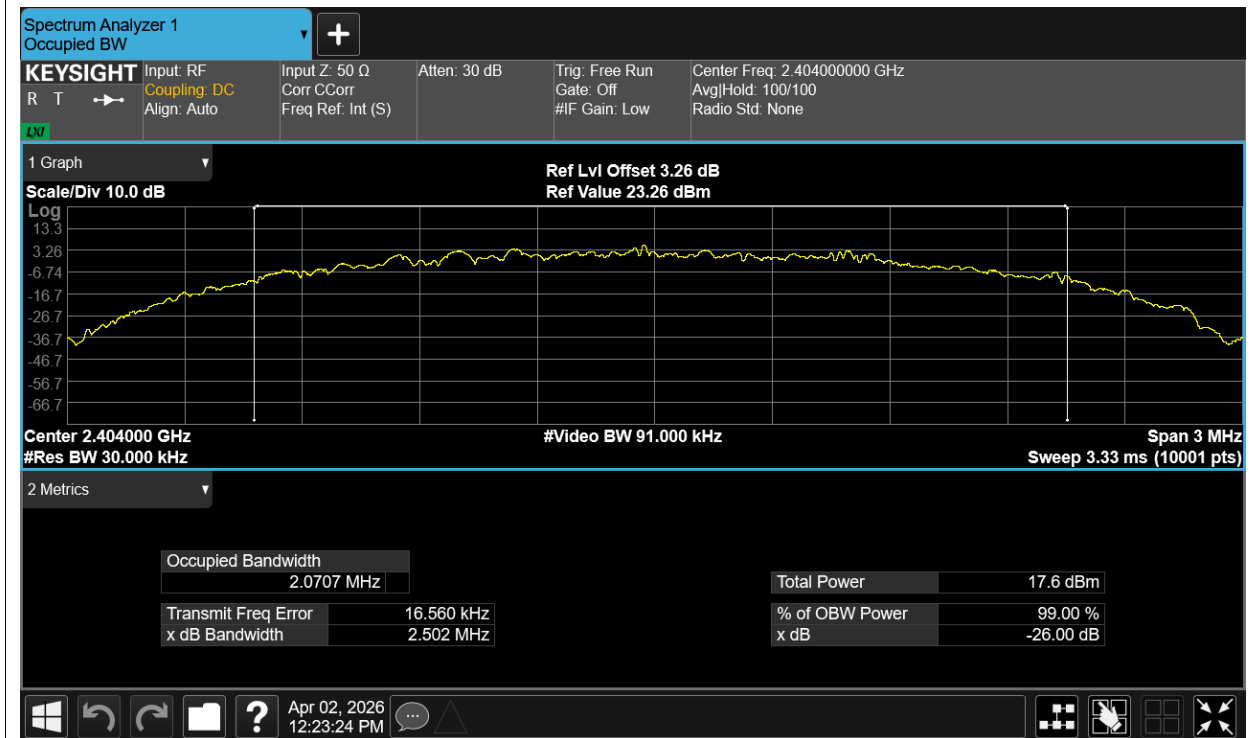


Occupied Channel Bandwidth

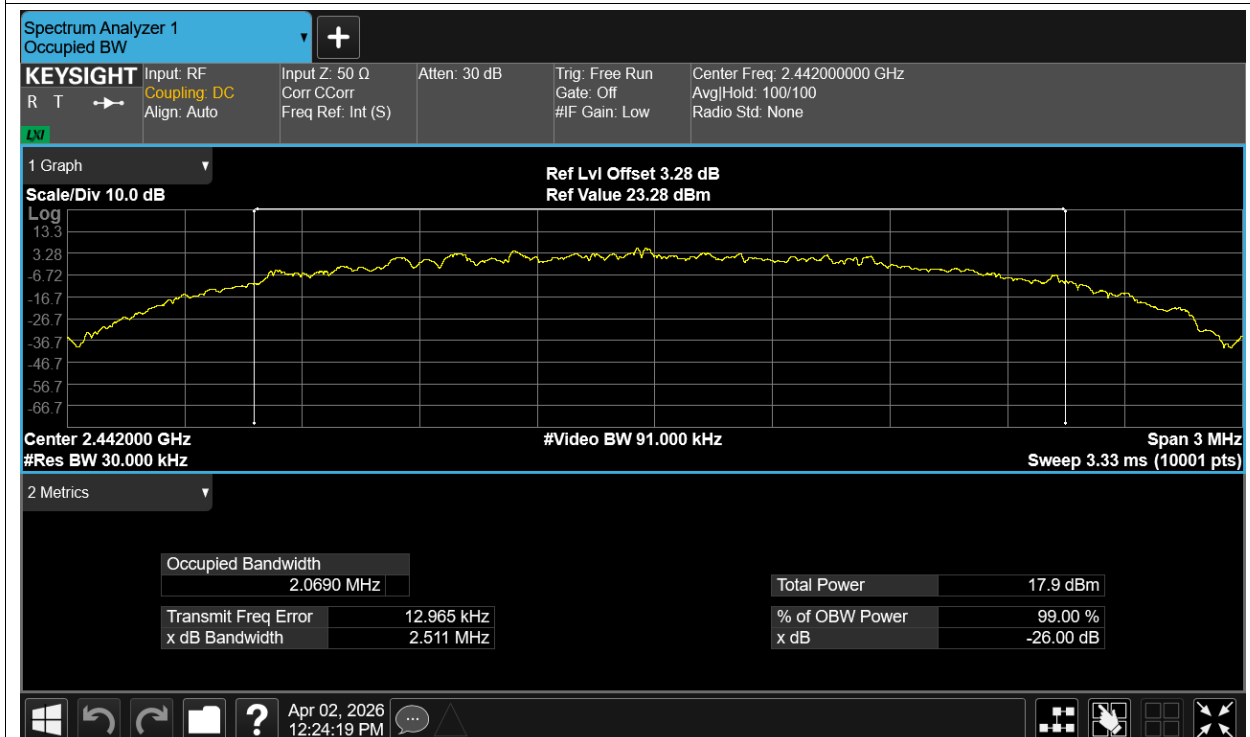
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	BLE	2404	Ant12	2.071
NVNT	BLE	2442	Ant12	2.069
NVNT	BLE	2478	Ant12	2.054

Test Graphs

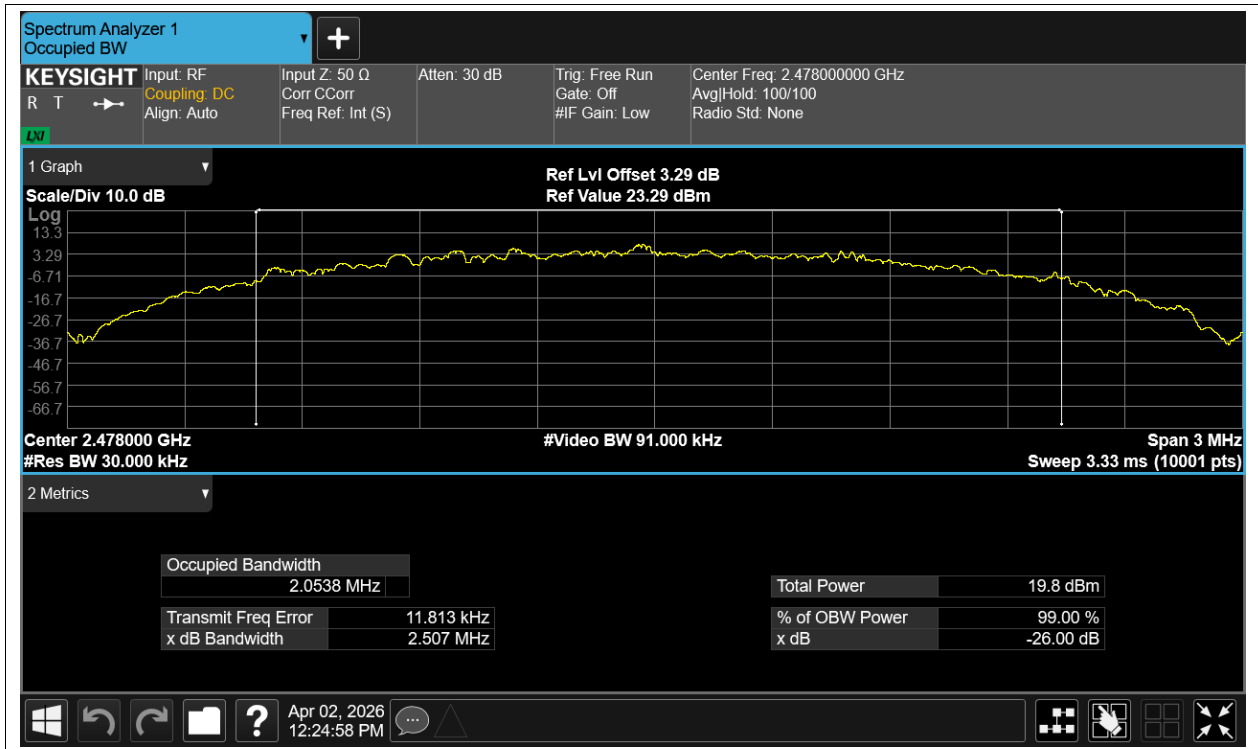
OBW NVNT BLE 2404MHz Ant12



OBW NVNT BLE 2442MHz Ant12



OBW NVNT BLE 2478MHz Ant12

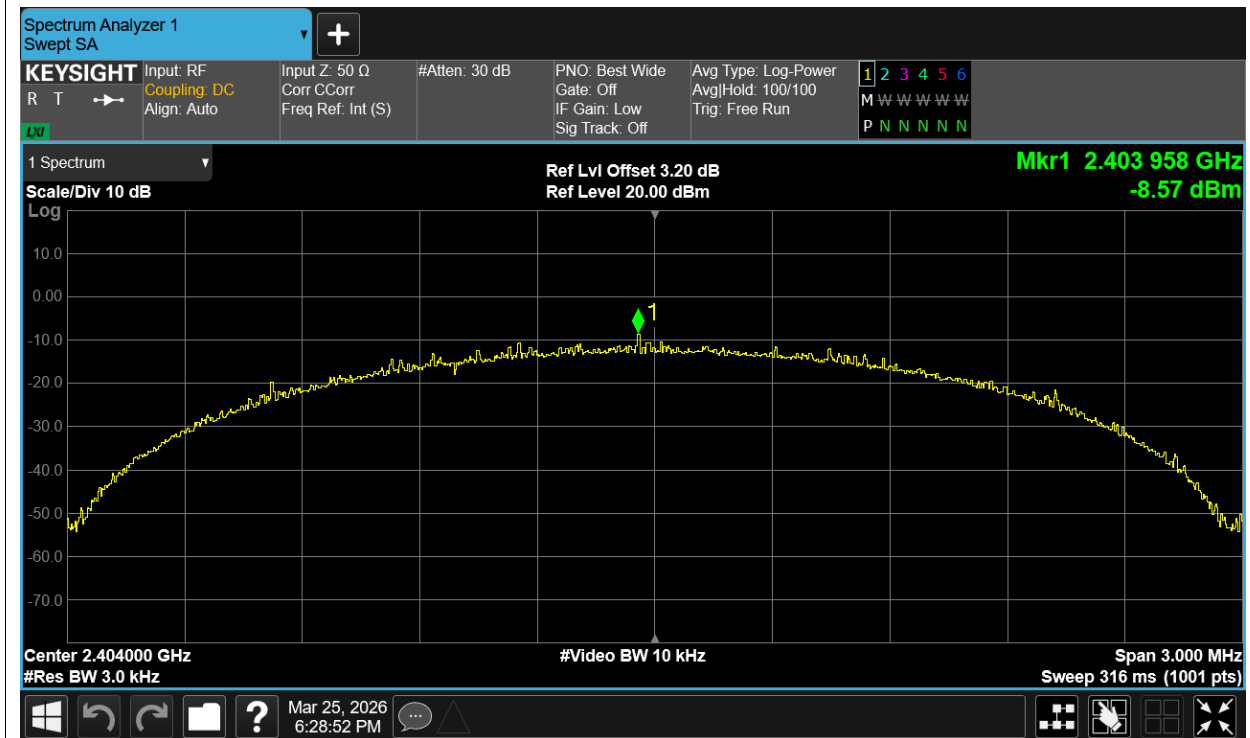


Maximum Power Spectral Density Level

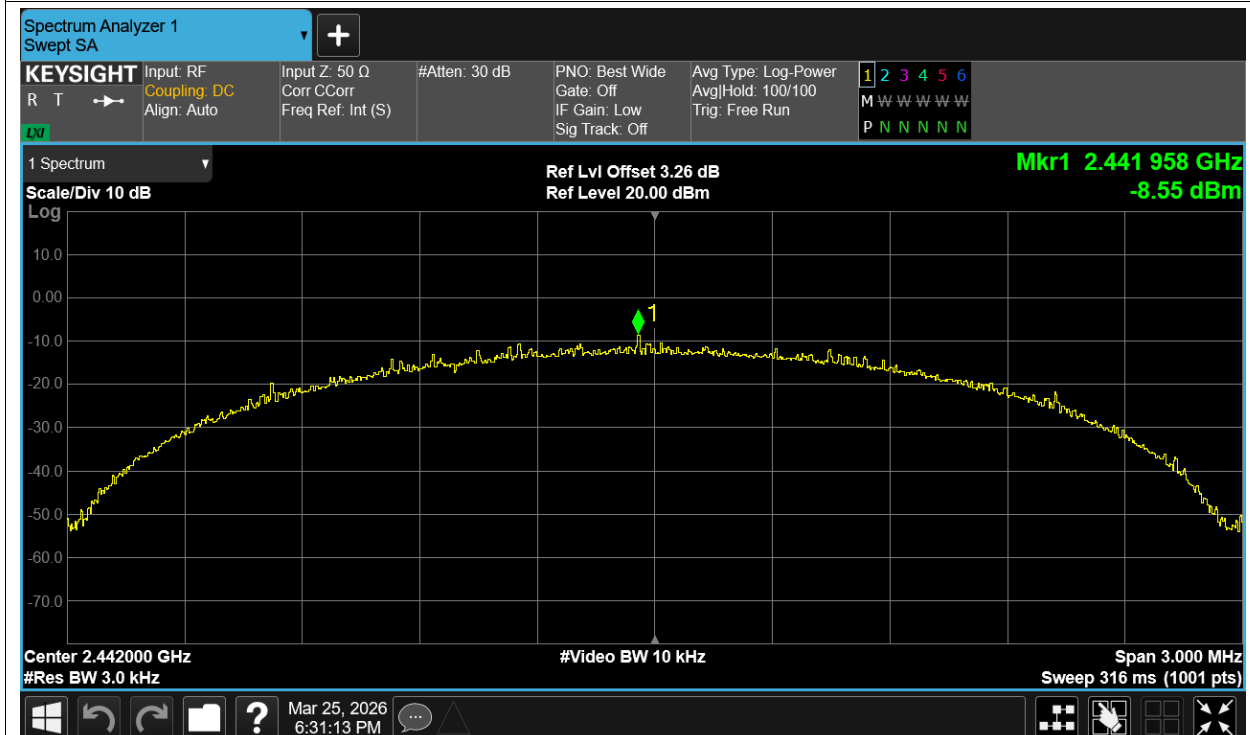
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	BLE	2404	Ant12	-8.571	8	Pass
NVNT	BLE	2442	Ant12	-8.549	8	Pass
NVNT	BLE	2478	Ant12	-6.977	8	Pass

Test Graphs

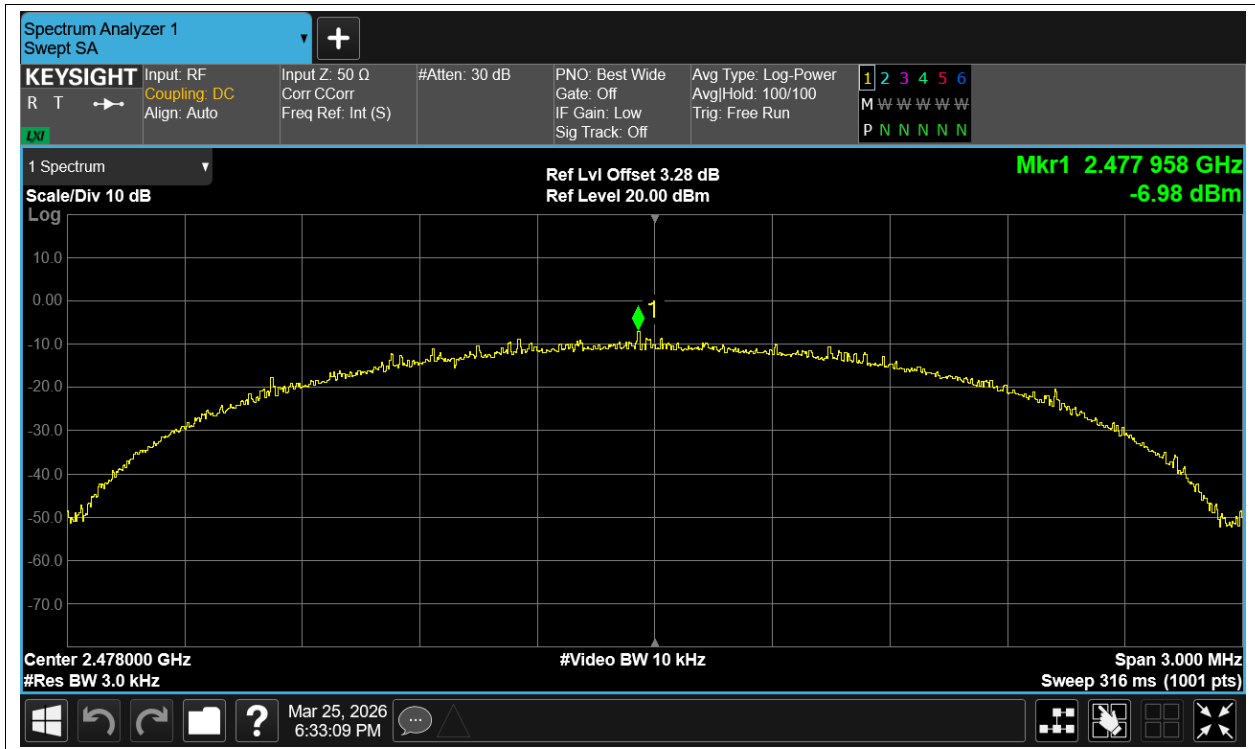
PSD NVNT BLE 2404MHz Ant12



PSD NVNT BLE 2442MHz Ant12



PSD NVNT BLE 2478MHz Ant12

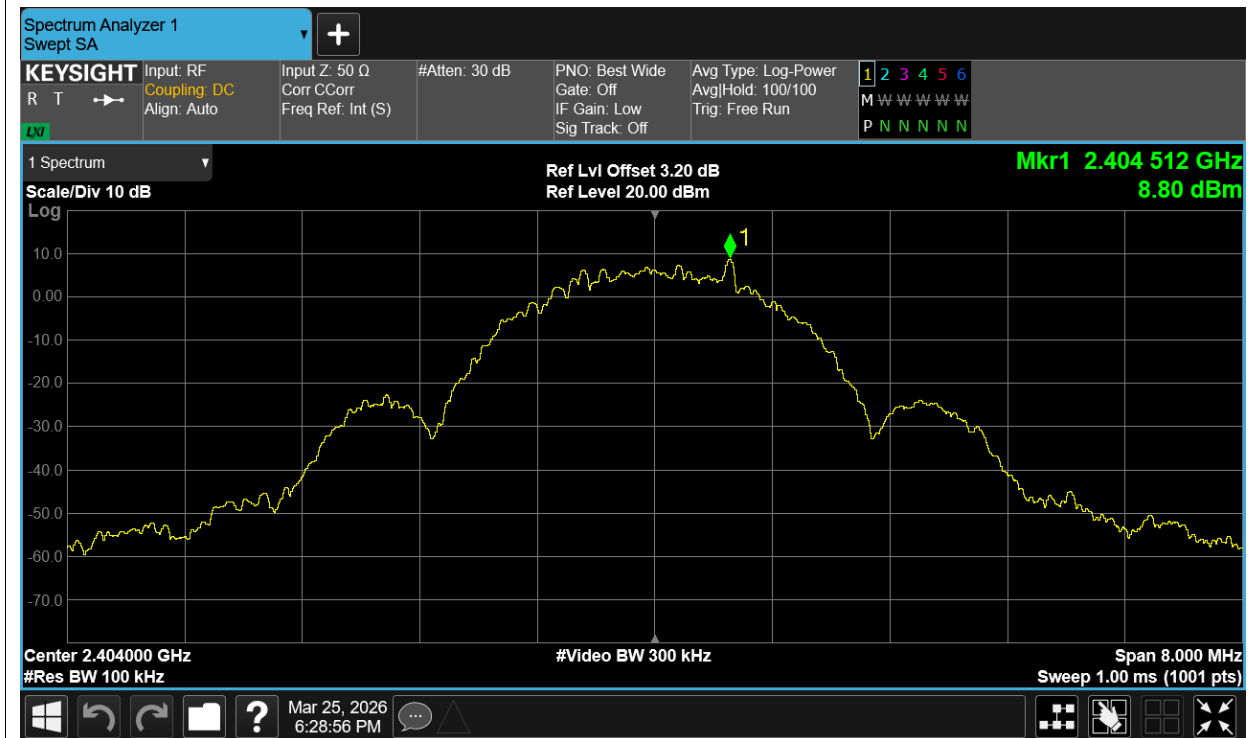


Band Edge

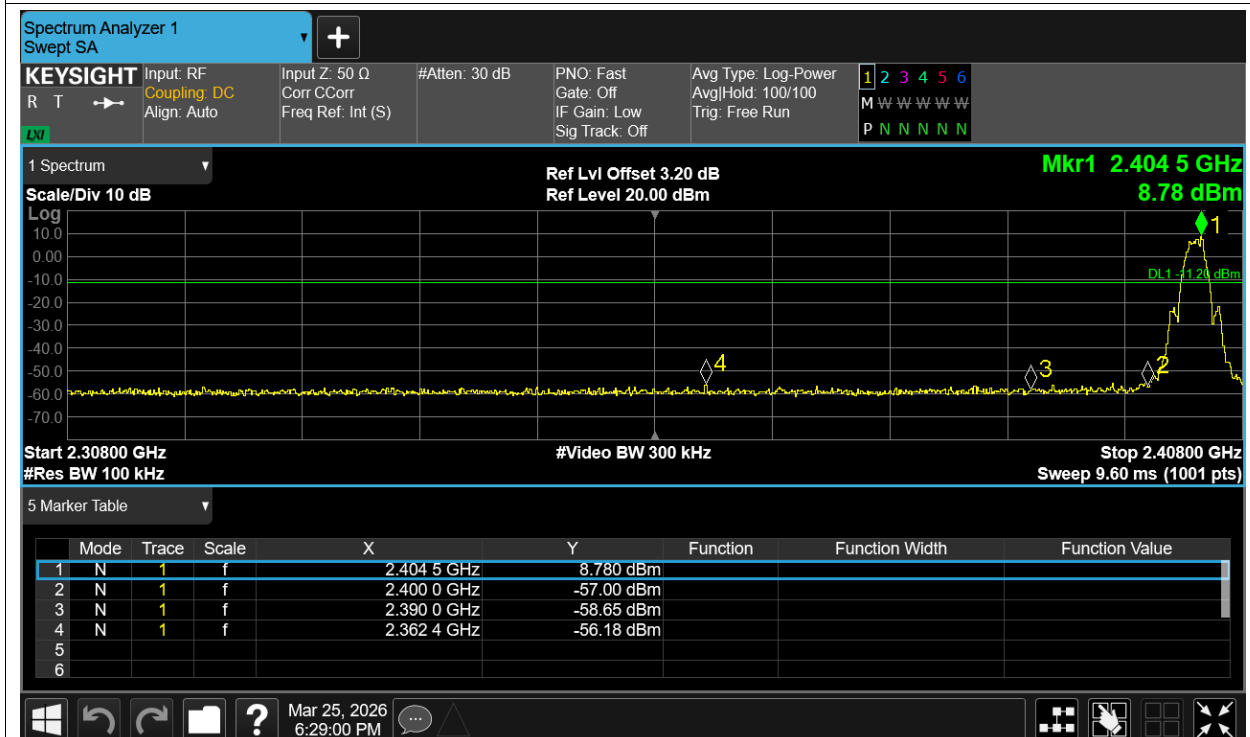
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE	2404	Ant12	-64.98	-20	Pass
NVNT	BLE	2478	Ant12	-63.89	-20	Pass

Test Graphs

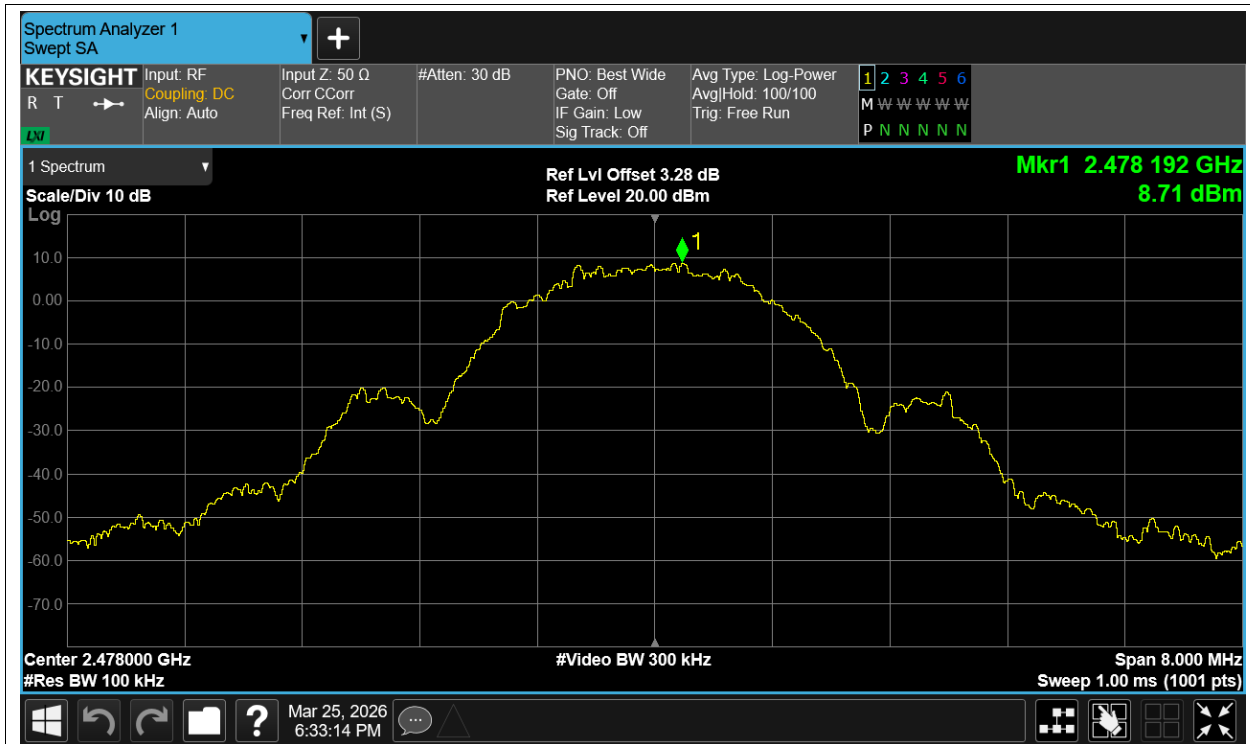
Band Edge NVNT BLE 2404MHz Ant12 Ref



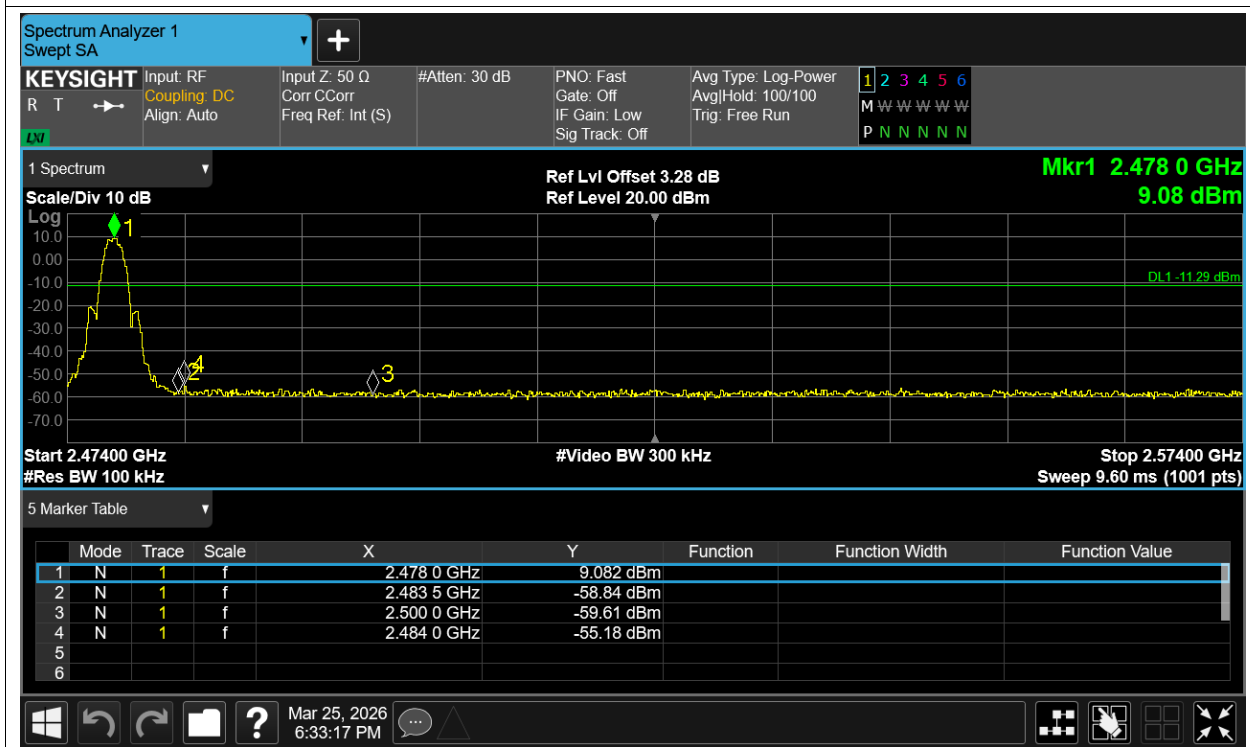
Band Edge NVNT BLE 2404MHz Ant12 Emission



Band Edge NVNT BLE 2478MHz Ant12 Ref



Band Edge NVNT BLE 2478MHz Ant12 Emission

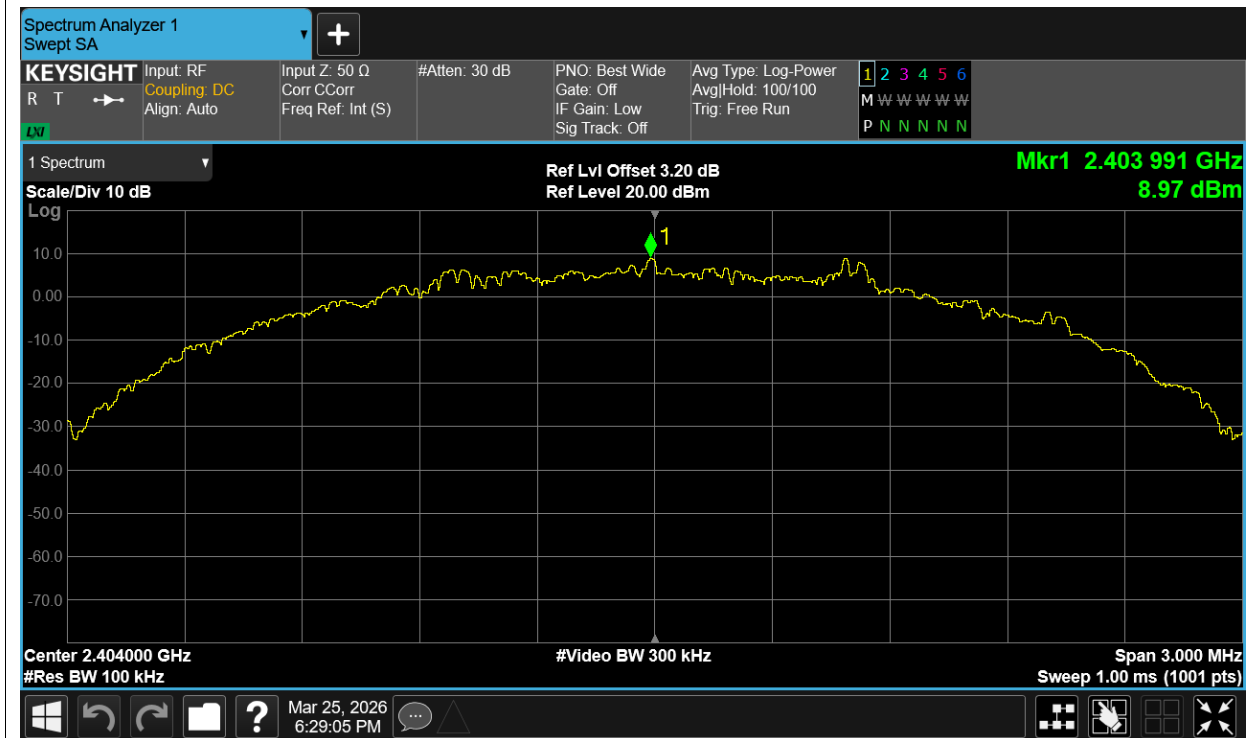


Conducted RF Spurious Emission

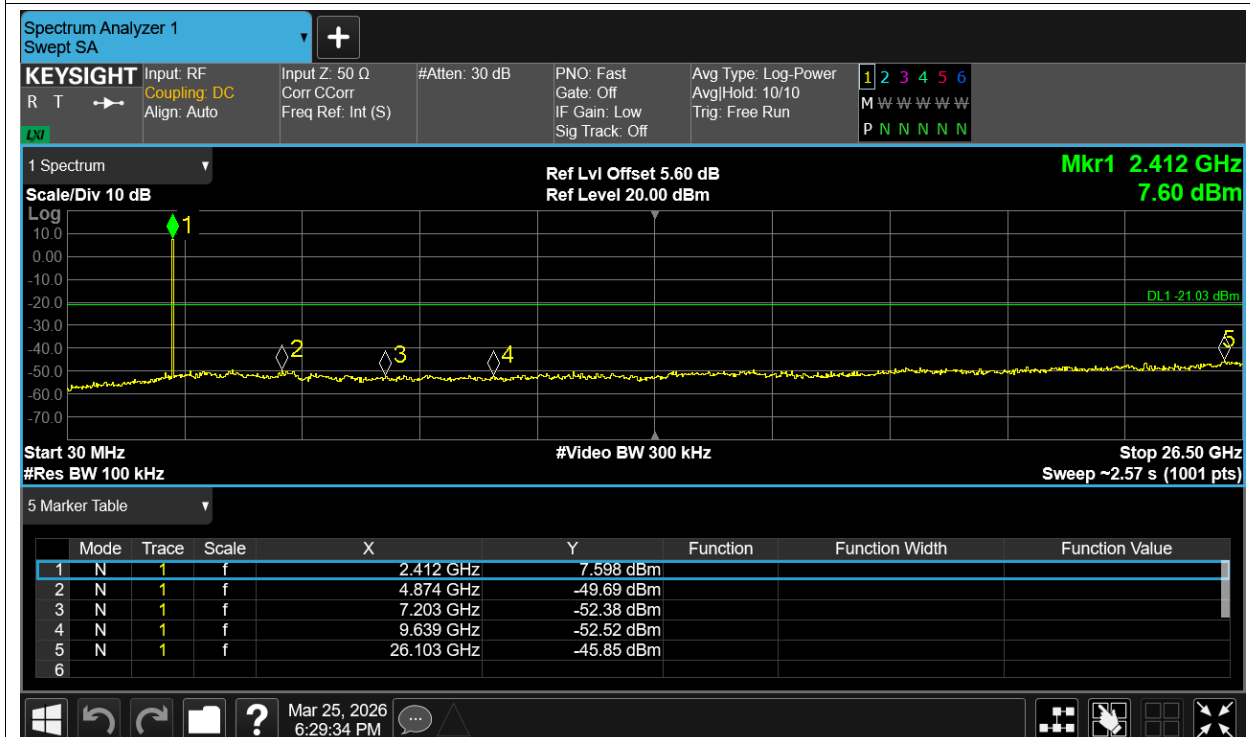
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE	2404	Ant12	-54.82	-30	Pass
NVNT	BLE	2442	Ant12	-53.44	-30	Pass
NVNT	BLE	2478	Ant12	-54.92	-30	Pass

Test Graphs

Tx. Spurious NVNT BLE 2404MHz Ant12 Ref



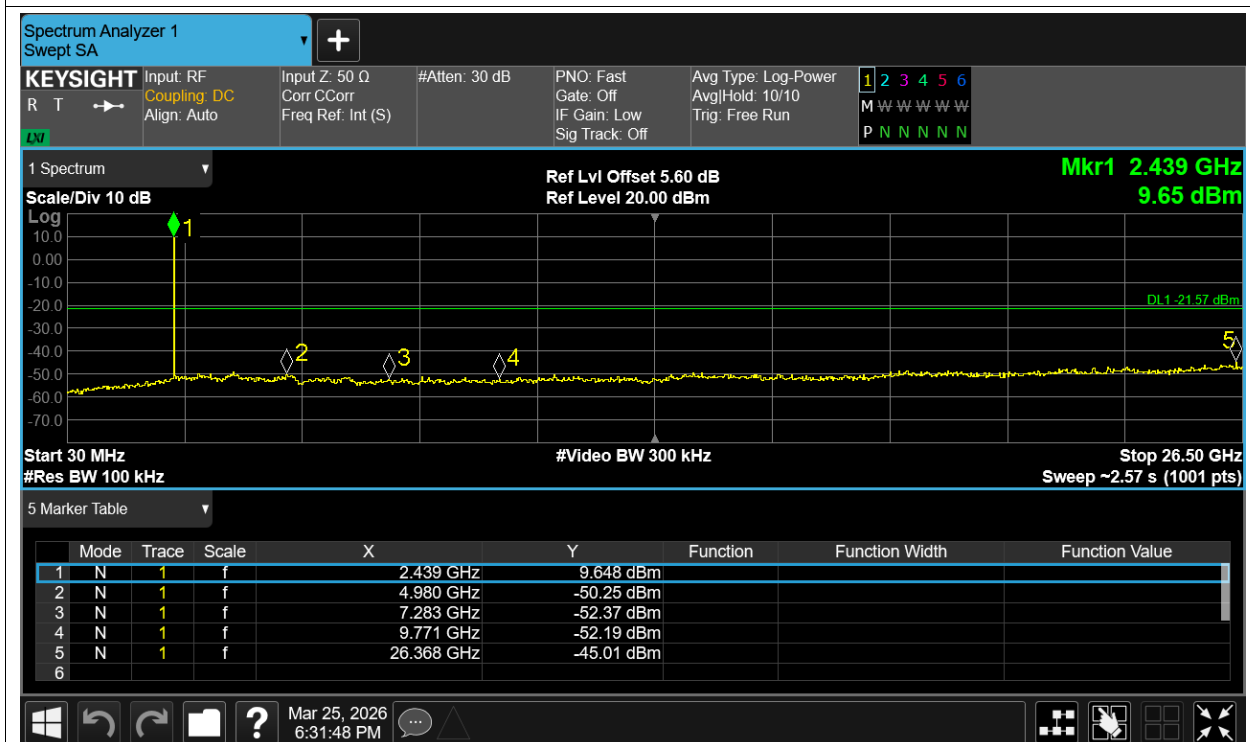
Tx. Spurious NVNT BLE 2404MHz Ant12 Emission



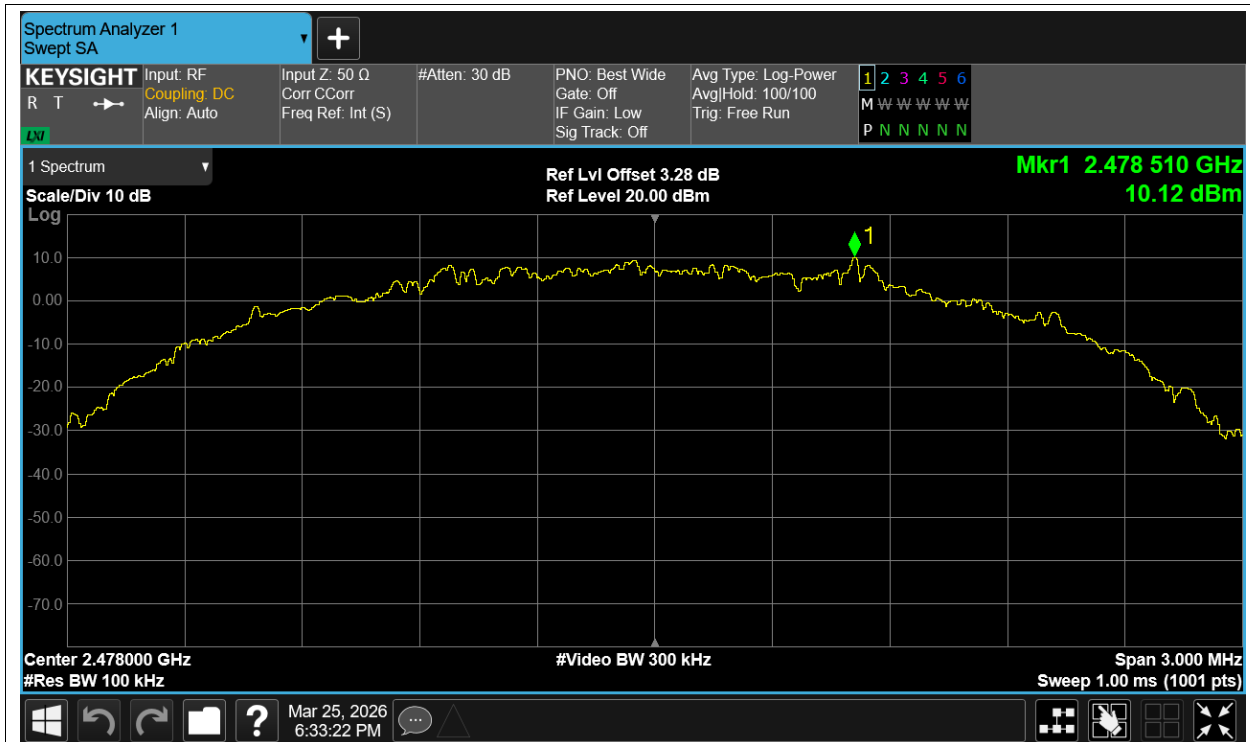
Tx. Spurious NVNT BLE 2442MHz Ant12 Ref



Tx. Spurious NVNT BLE 2442MHz Ant12 Emission



Tx. Spurious NVNT BLE 2478MHz Ant12 Ref



Tx. Spurious NVNT BLE 2478MHz Ant12 Emission

