

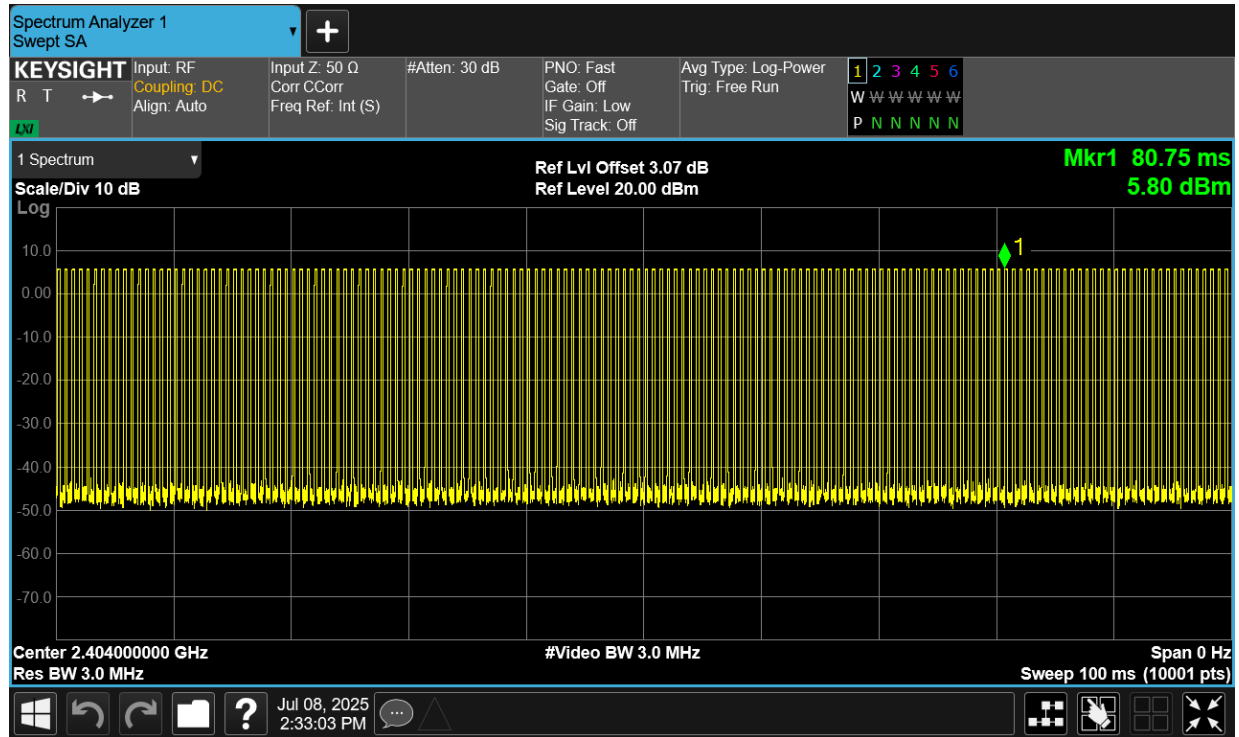
Test Data

Duty Cycle

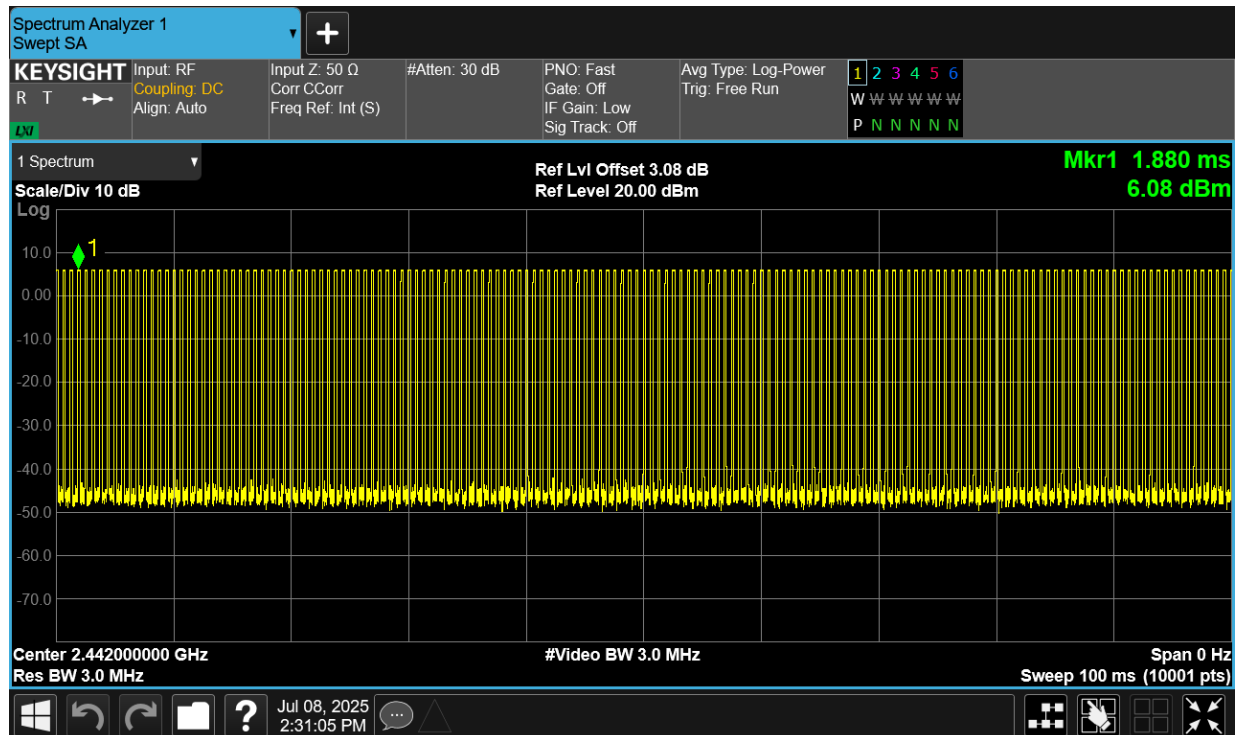
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	BLE	2404	Ant3	33.73	4.72
NVNT	BLE	2442	Ant3	34.1	4.67
NVNT	BLE	2478	Ant3	34.08	4.68

Test Graphs

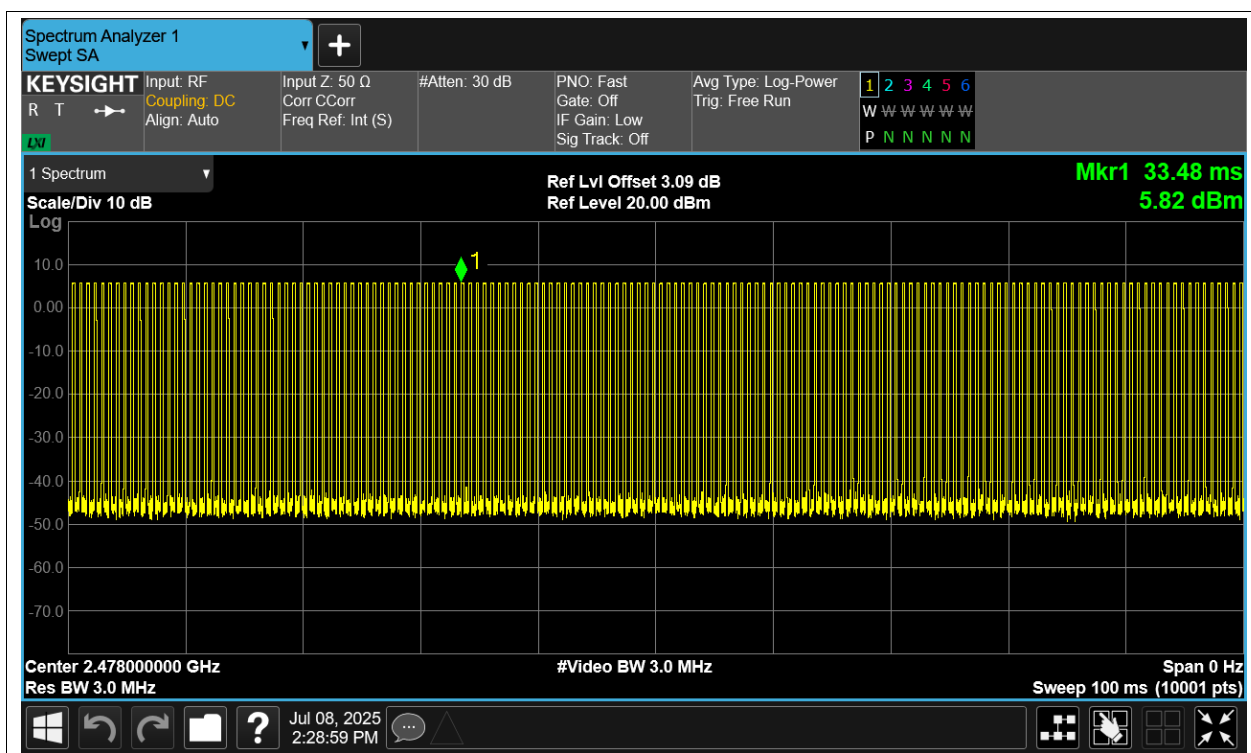
Duty Cycle NVNT BLE 2404MHz Ant3



Duty Cycle NVNT BLE 2442MHz Ant3



Duty Cycle NVNT BLE 2478MHz Ant3

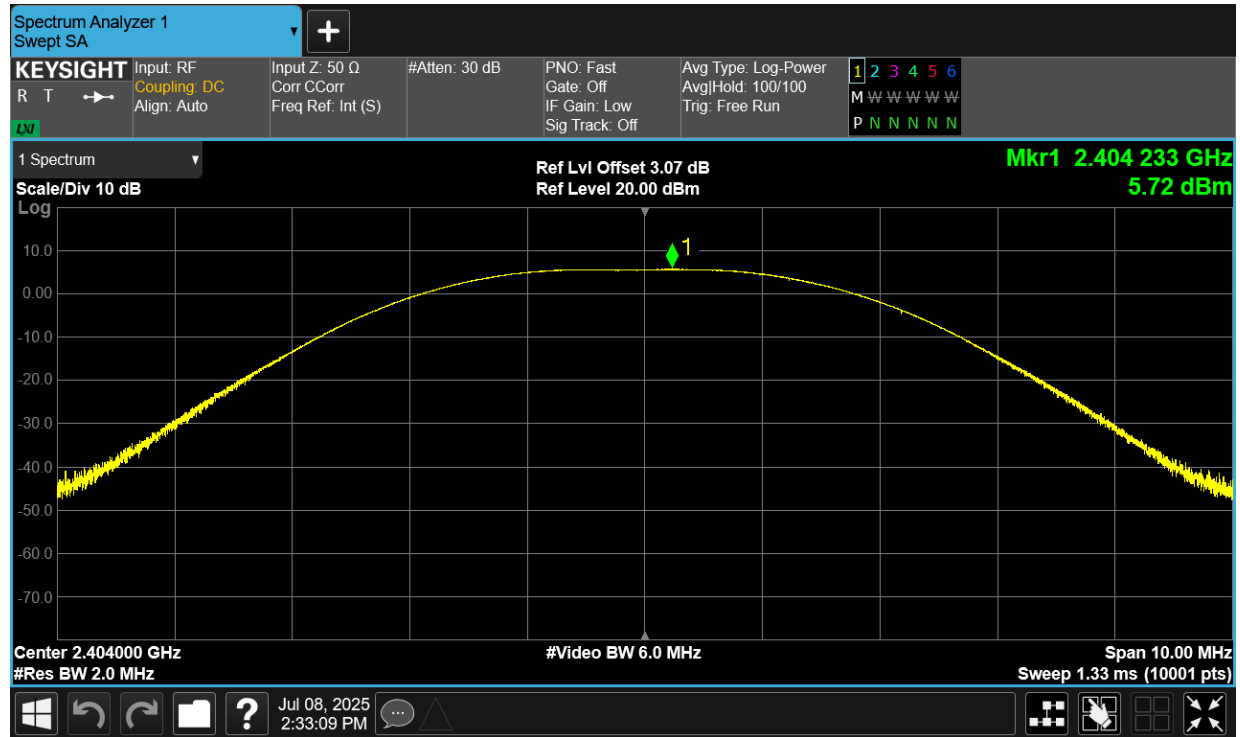


Maximum Conducted Output Power

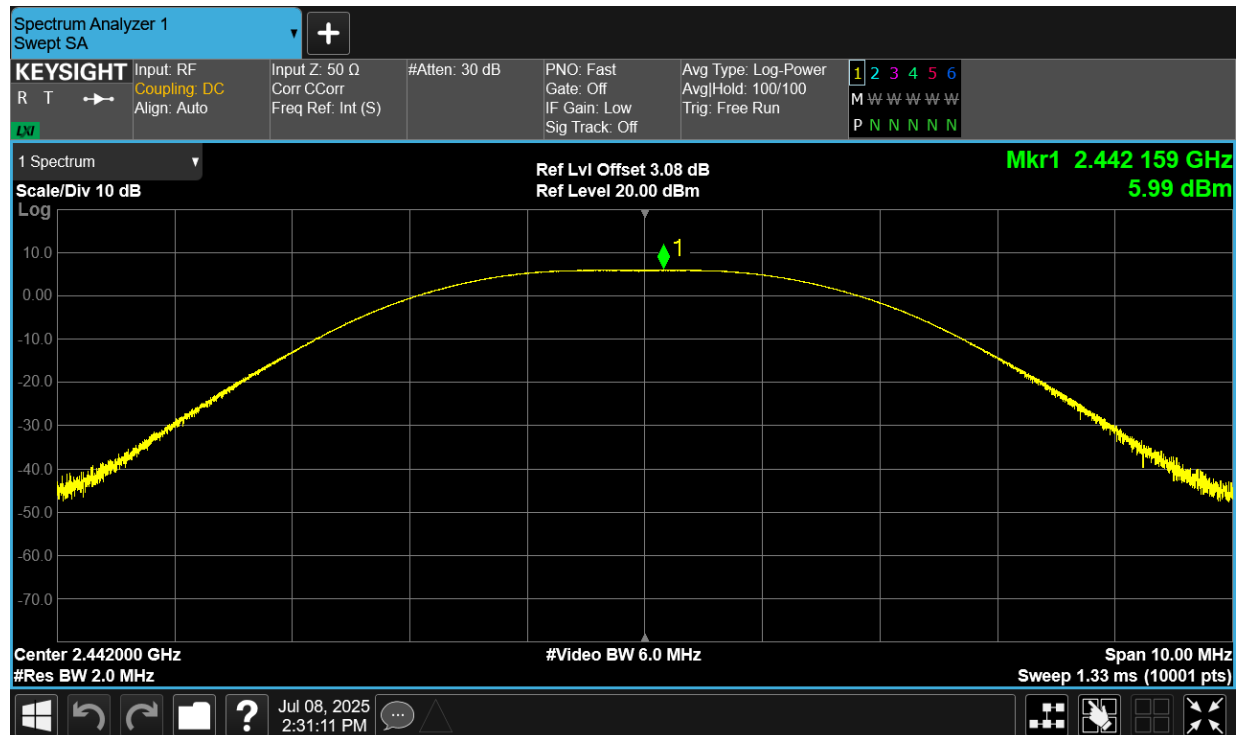
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE	2404	Ant3	5.718	30	Pass
NVNT	BLE	2442	Ant3	5.987	30	Pass
NVNT	BLE	2478	Ant3	5.781	30	Pass

Test Graphs

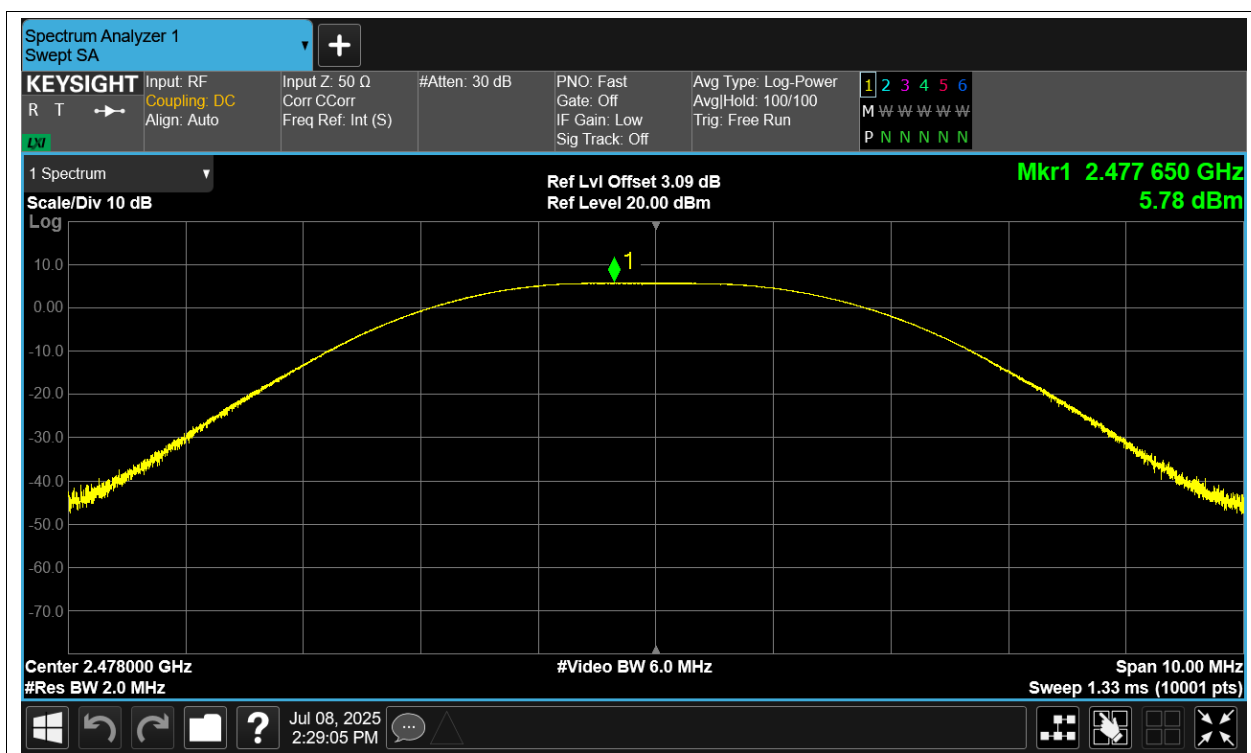
Power NVNT BLE 2404MHz Ant3



Power NVNT BLE 2442MHz Ant3



Power NVNT BLE 2478MHz Ant3

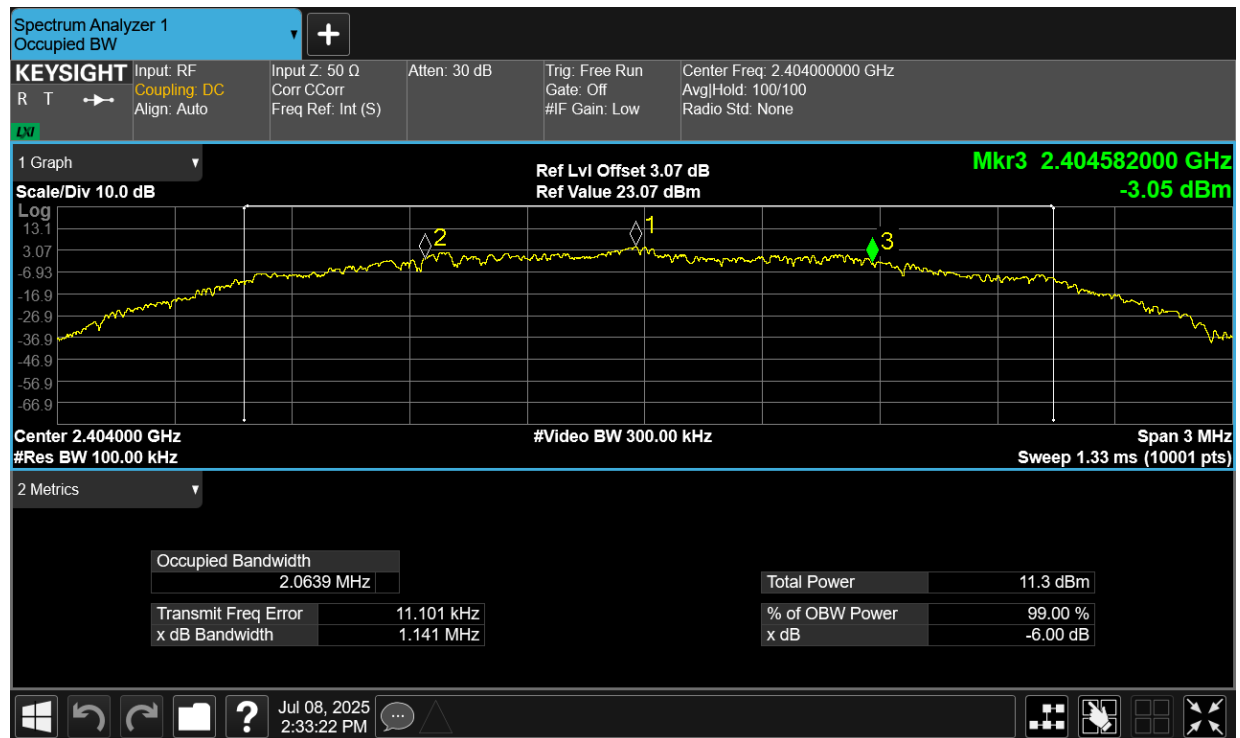


-6dB Bandwidth

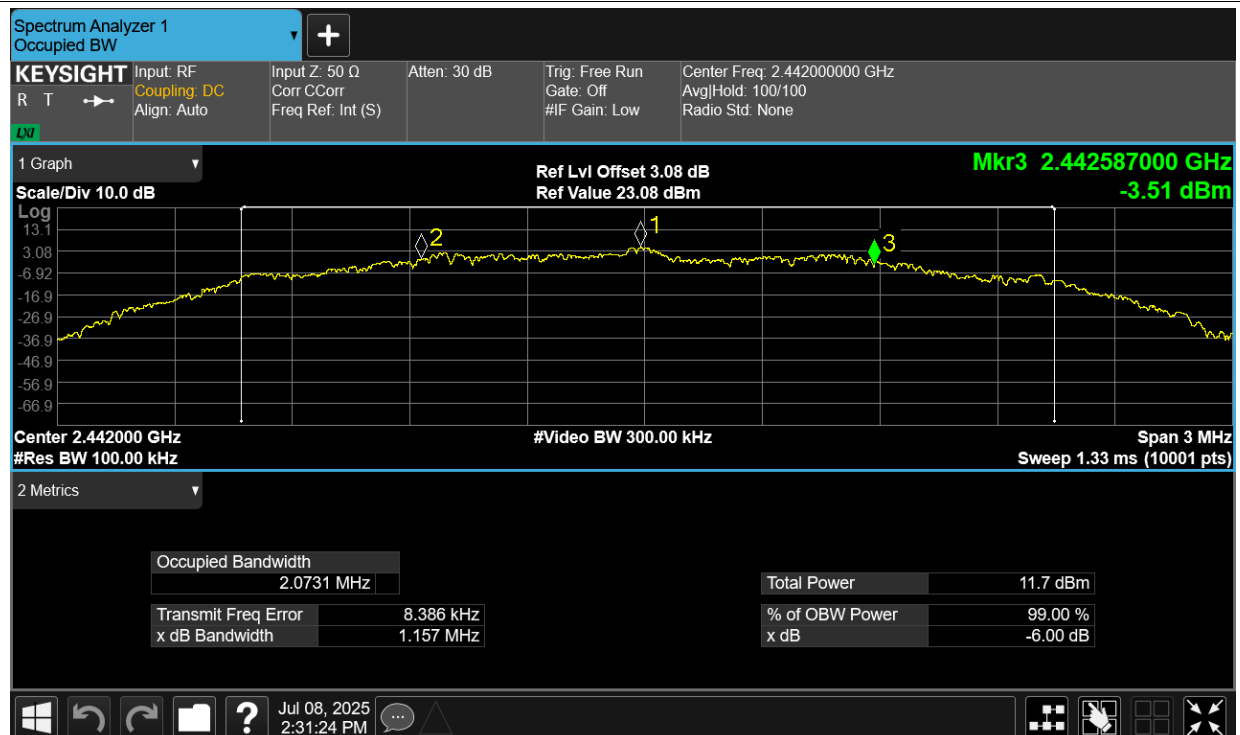
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	limit	Verdic
NVNT	BLE	2404	Ant3	1.141	0.5	Pass
NVNT	BLE	2442	Ant3	1.157	0.5	Pass
NVNT	BLE	2478	Ant3	1.146	0.5	Pass

Test Graphs

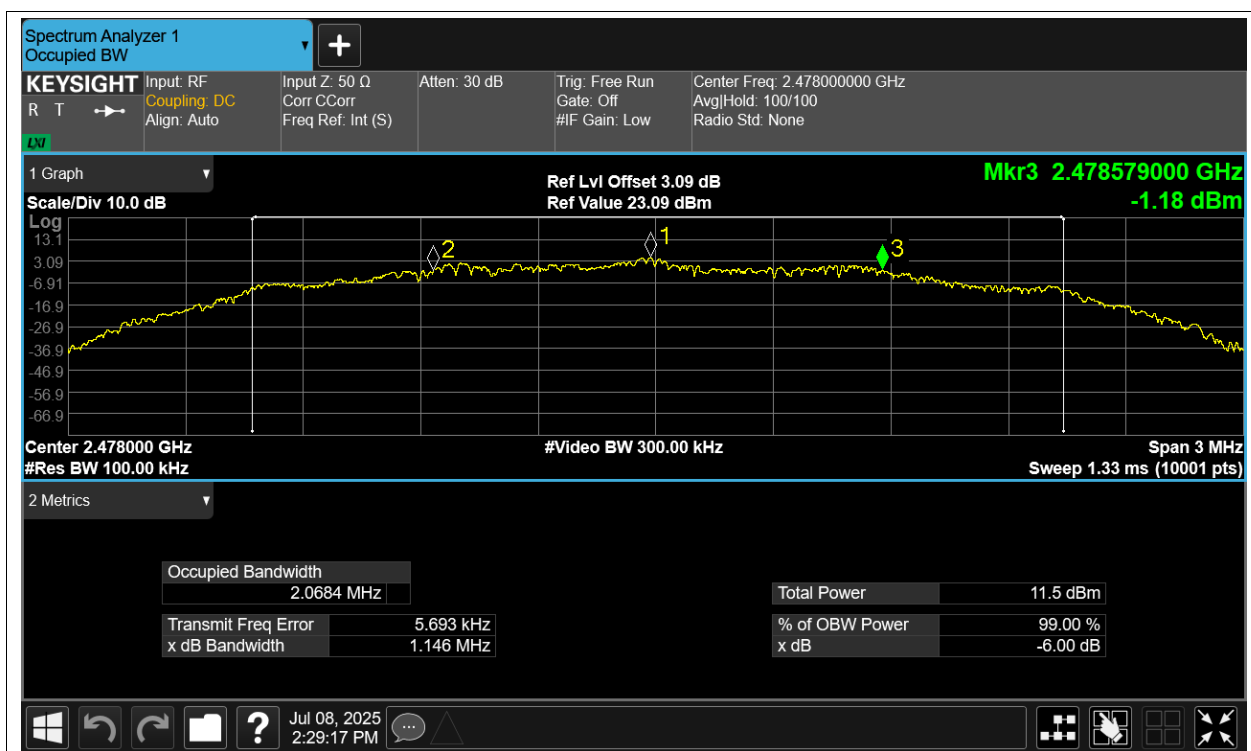
-6dB Bandwidth NVNT BLE 2404MHz Ant3



-6dB Bandwidth NVNT BLE 2442MHz Ant3



-6dB Bandwidth NVNT BLE 2478MHz Ant3

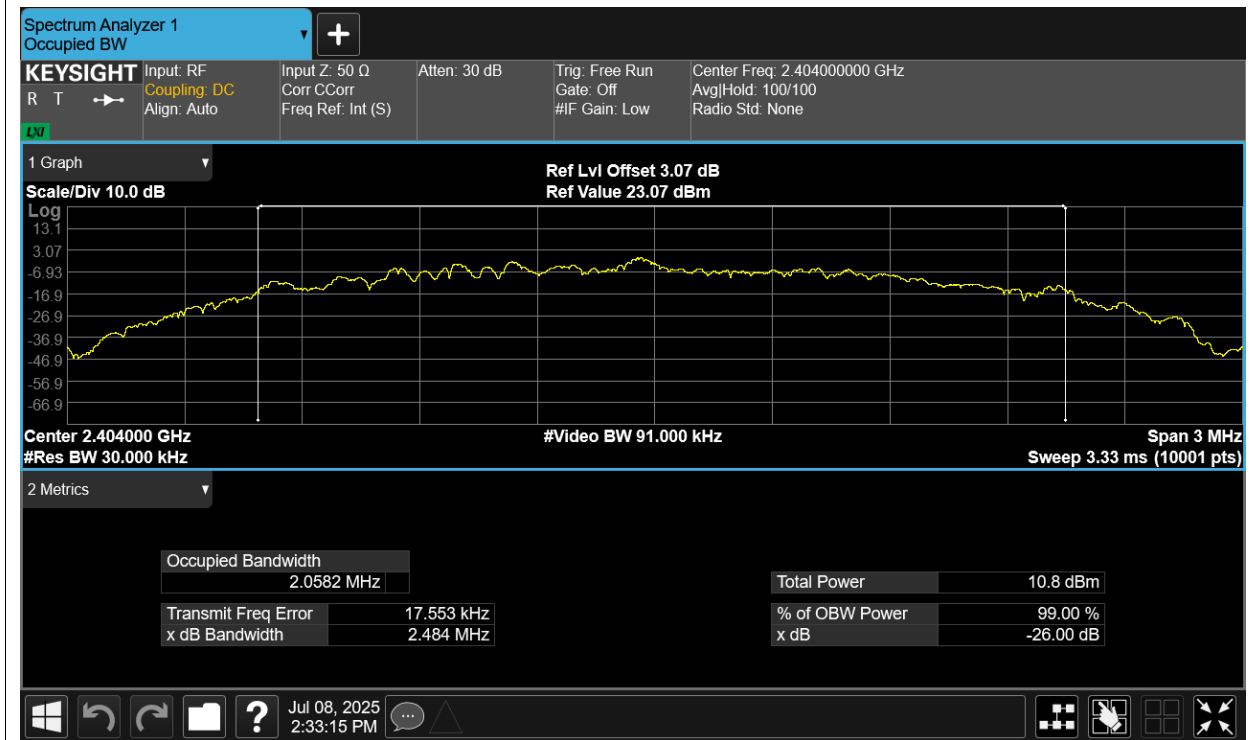


Occupied Channel Bandwidth

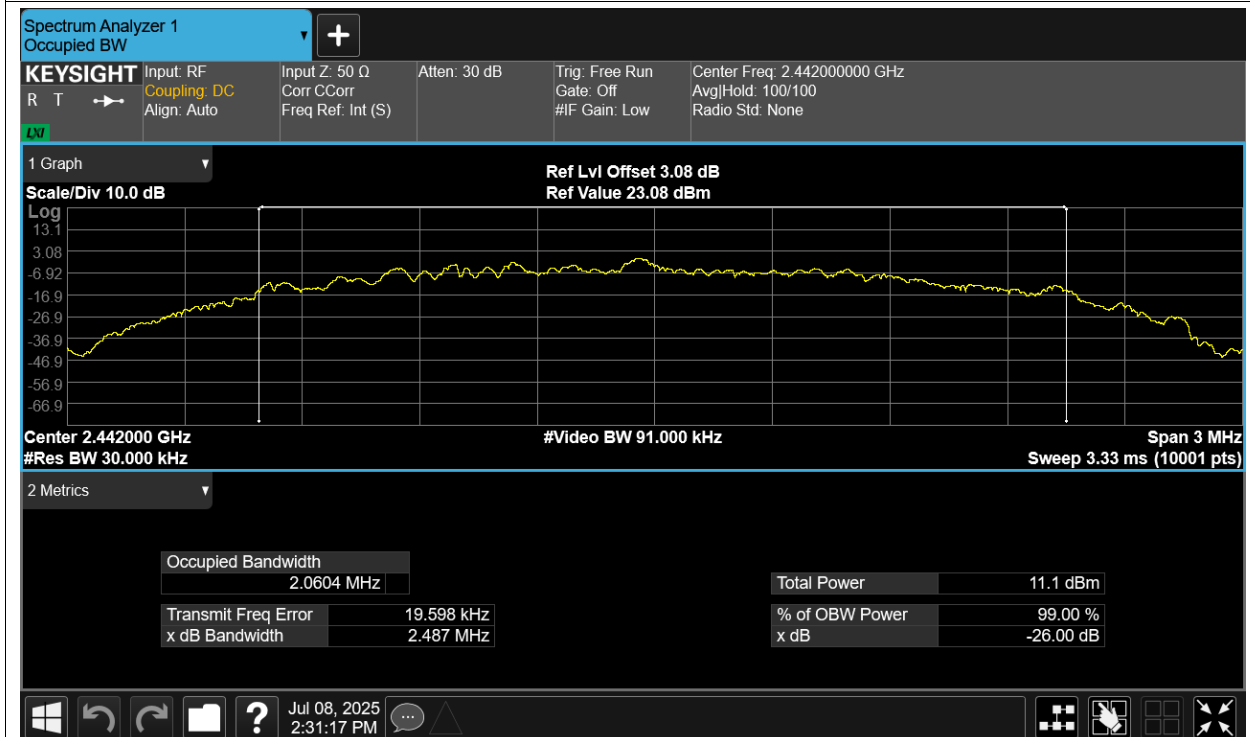
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	BLE	2404	Ant3	2.058
NVNT	BLE	2442	Ant3	2.06
NVNT	BLE	2478	Ant3	2.059

Test Graphs

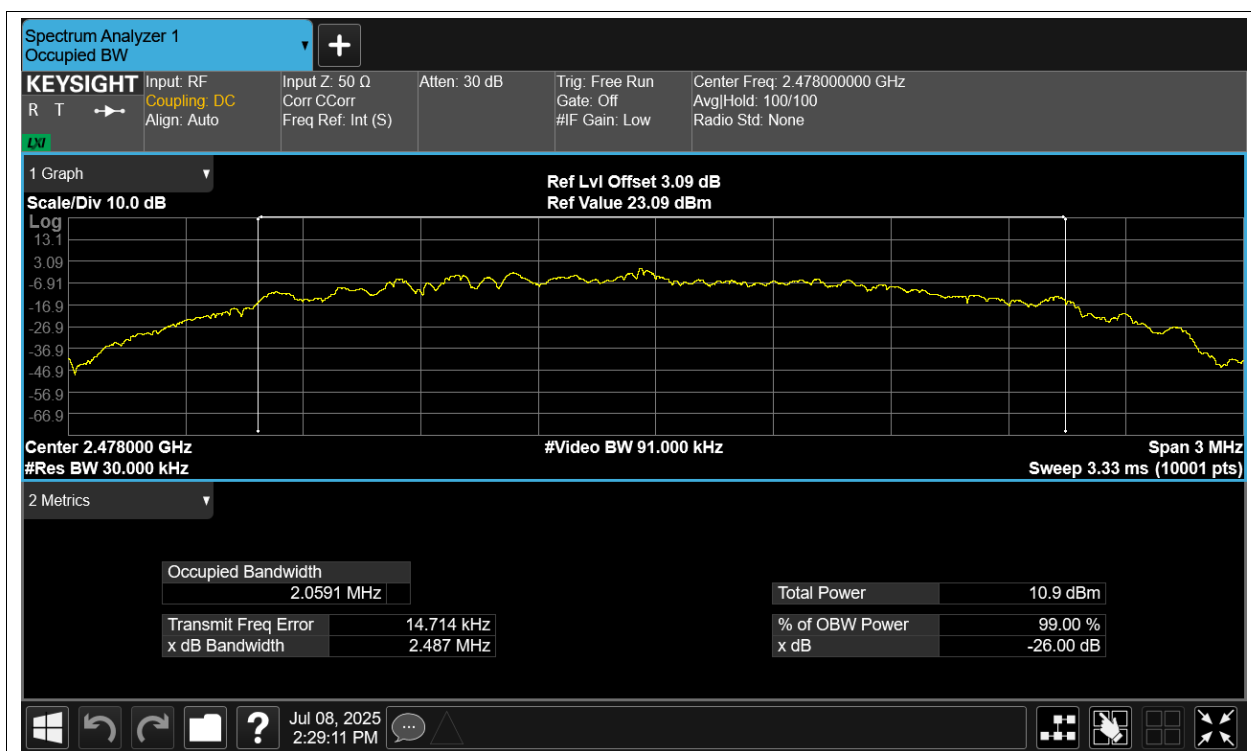
OBW NVNT BLE 2404MHz Ant3



OBW NVNT BLE 2442MHz Ant3

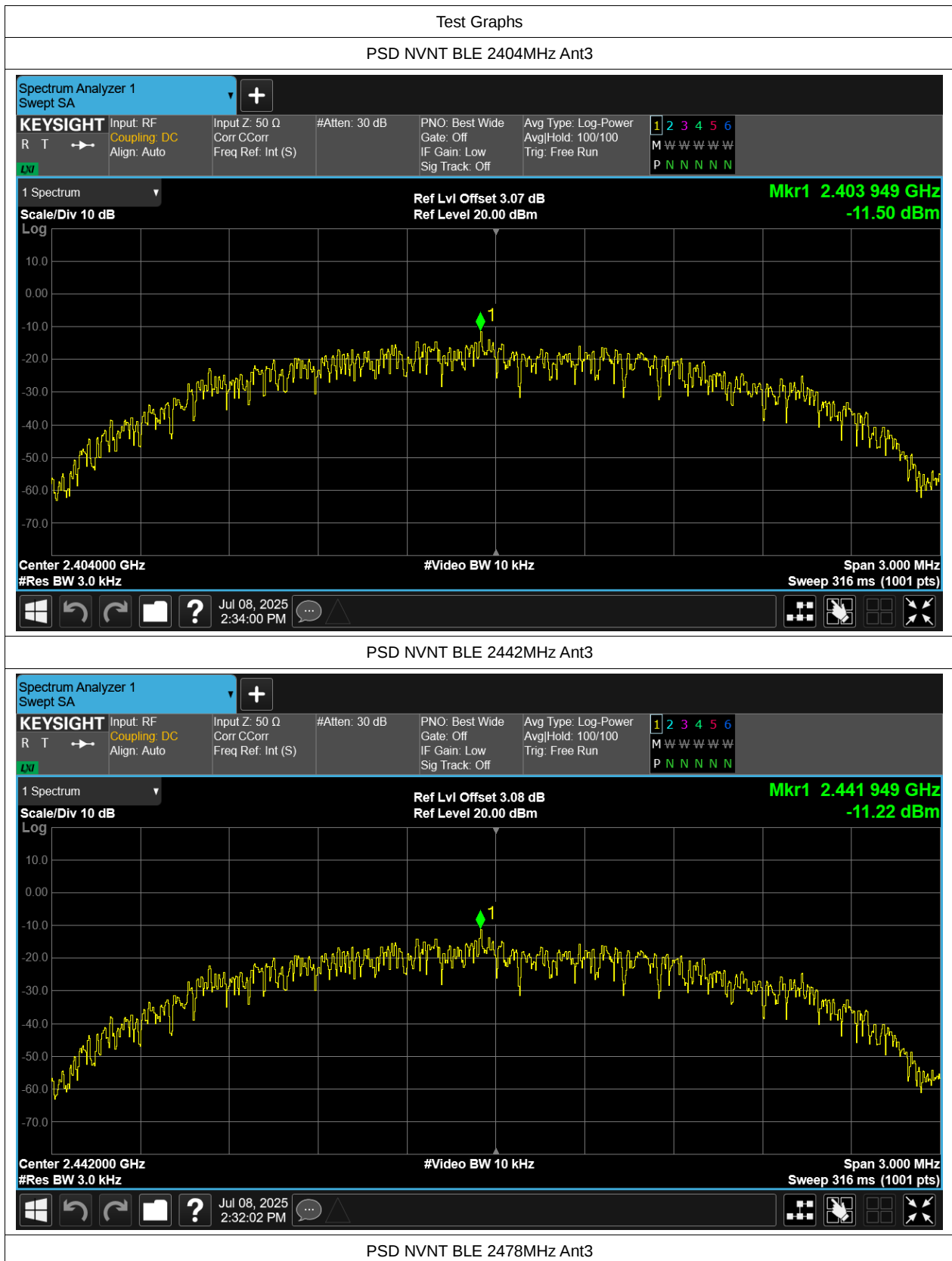


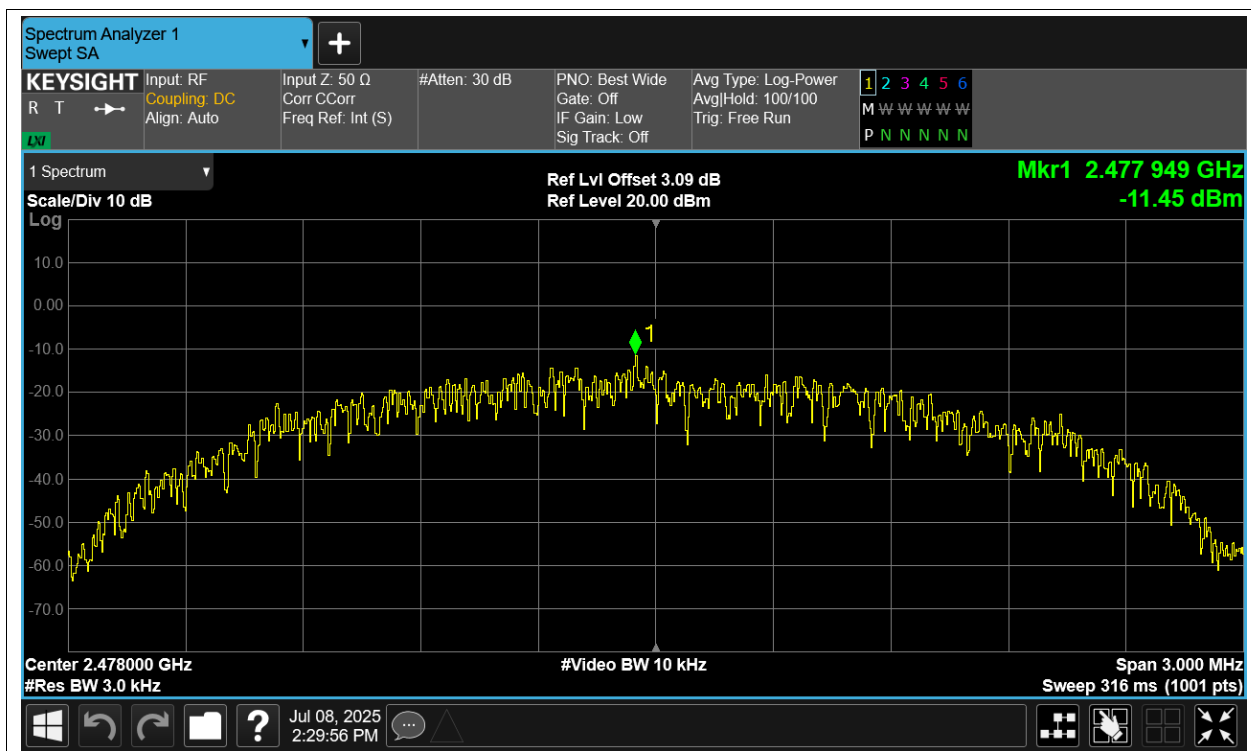
OBW NVNT BLE 2478MHz Ant3



Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	BLE	2404	Ant3	-11.503	8	Pass
NVNT	BLE	2442	Ant3	-11.22	8	Pass
NVNT	BLE	2478	Ant3	-11.45	8	Pass



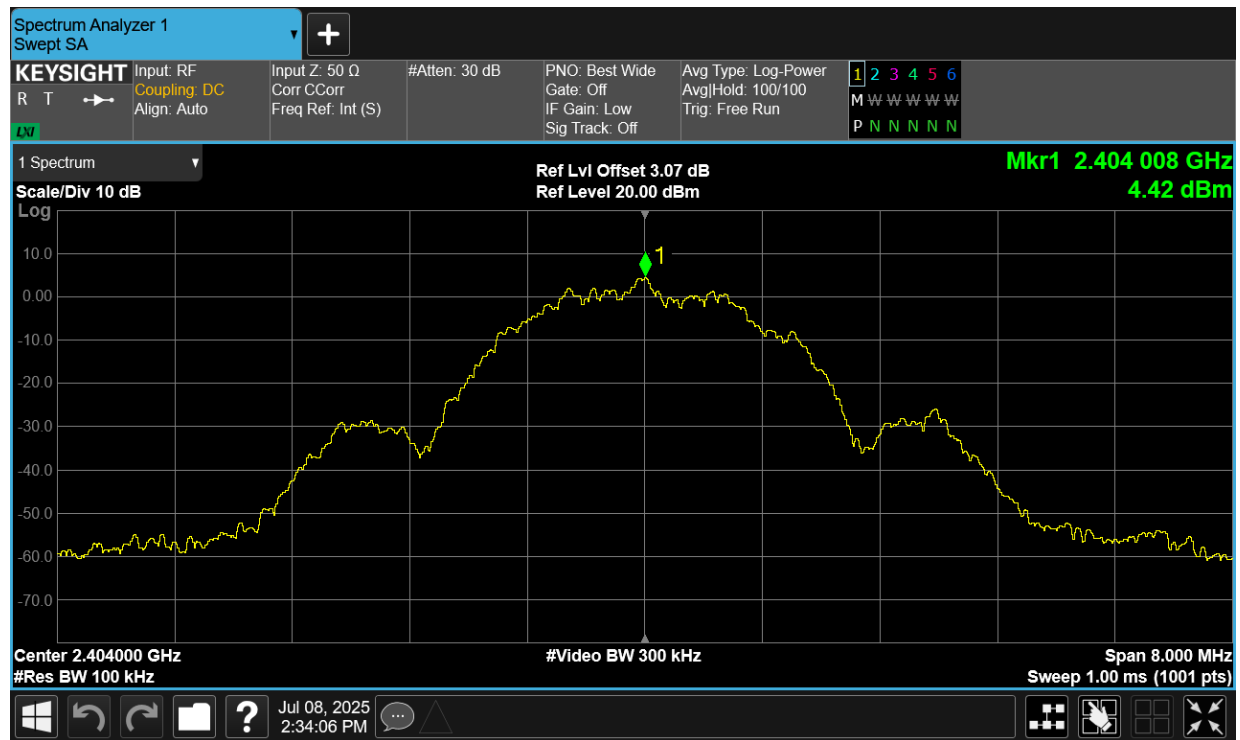


Band Edge

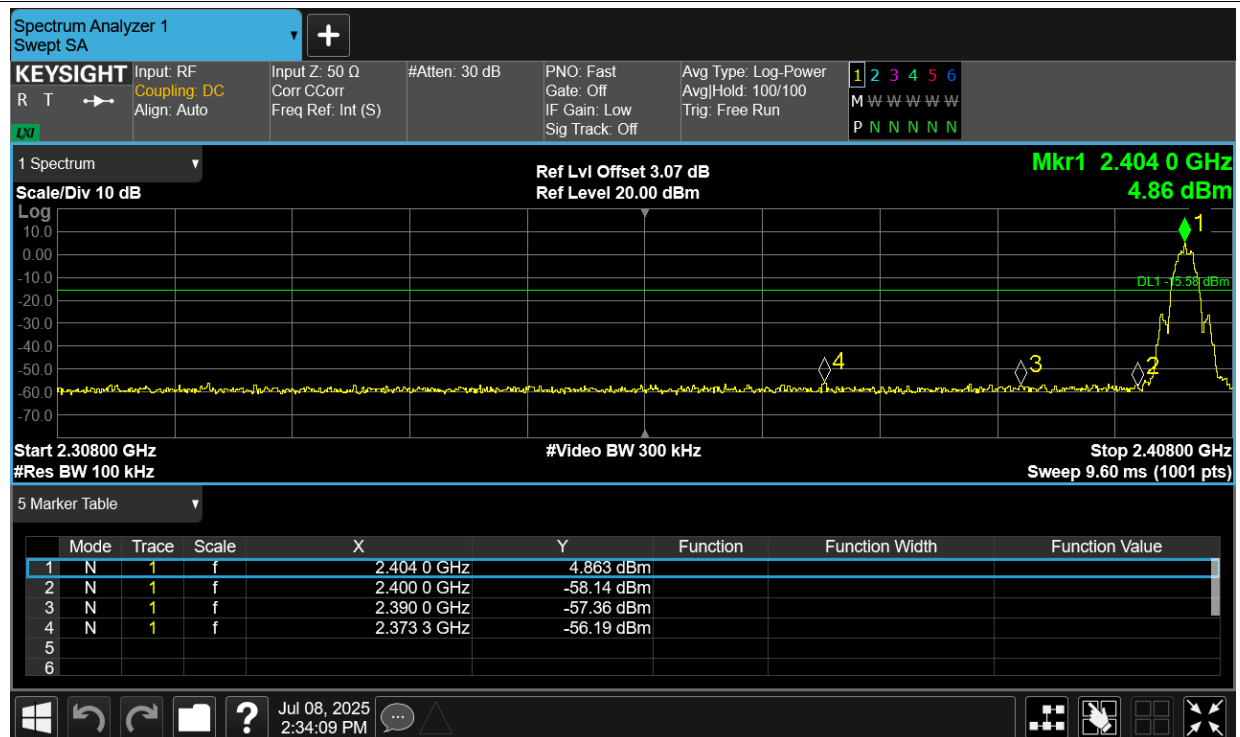
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE	2404	Ant3	-60.61	-20	Pass
NVNT	BLE	2478	Ant3	-60.2	-20	Pass

Test Graphs

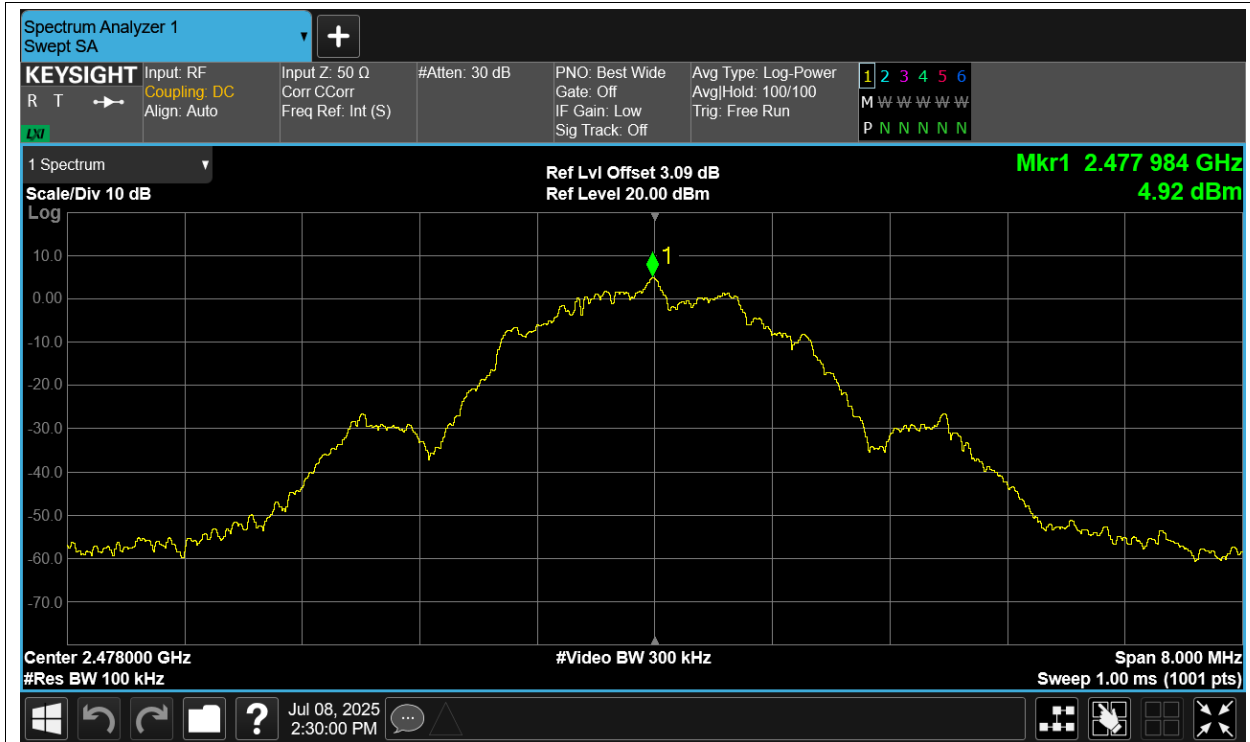
Band Edge NVNT BLE 2404MHz Ant3 Ref



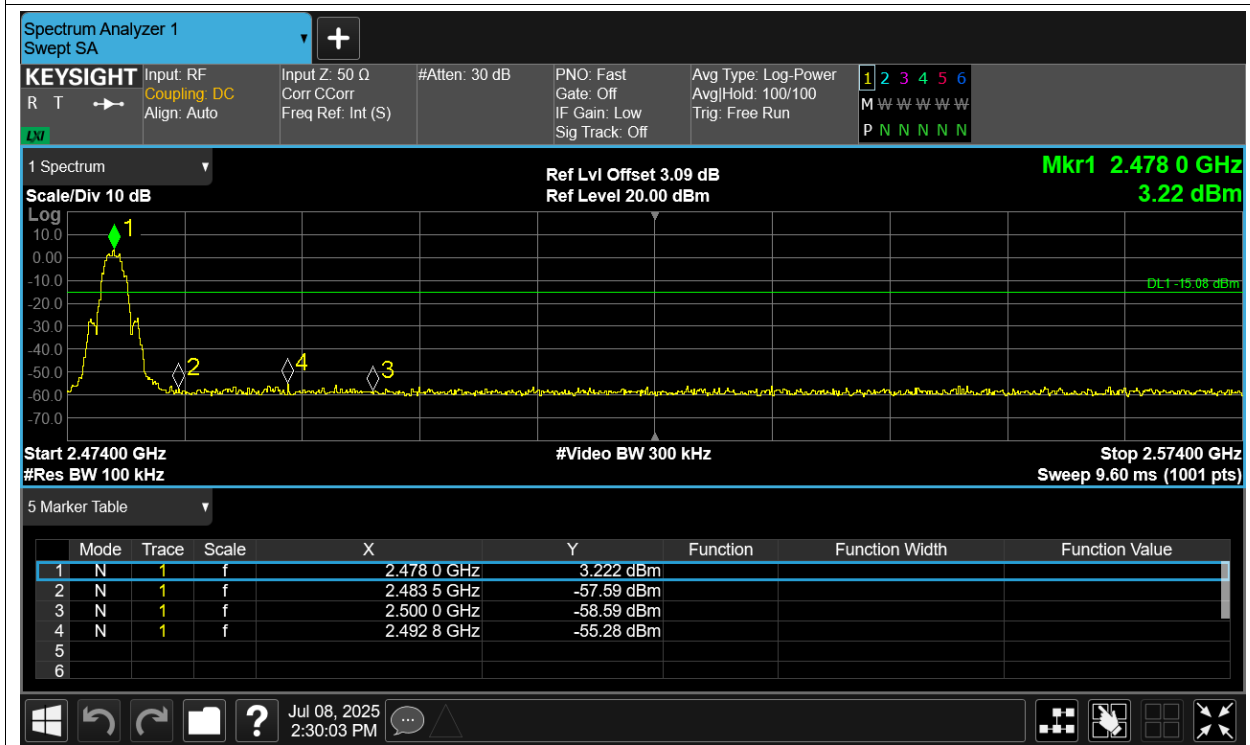
Band Edge NVNT BLE 2404MHz Ant3 Emission



Band Edge NVNT BLE 2478MHz Ant3 Ref



Band Edge NVNT BLE 2478MHz Ant3 Emission

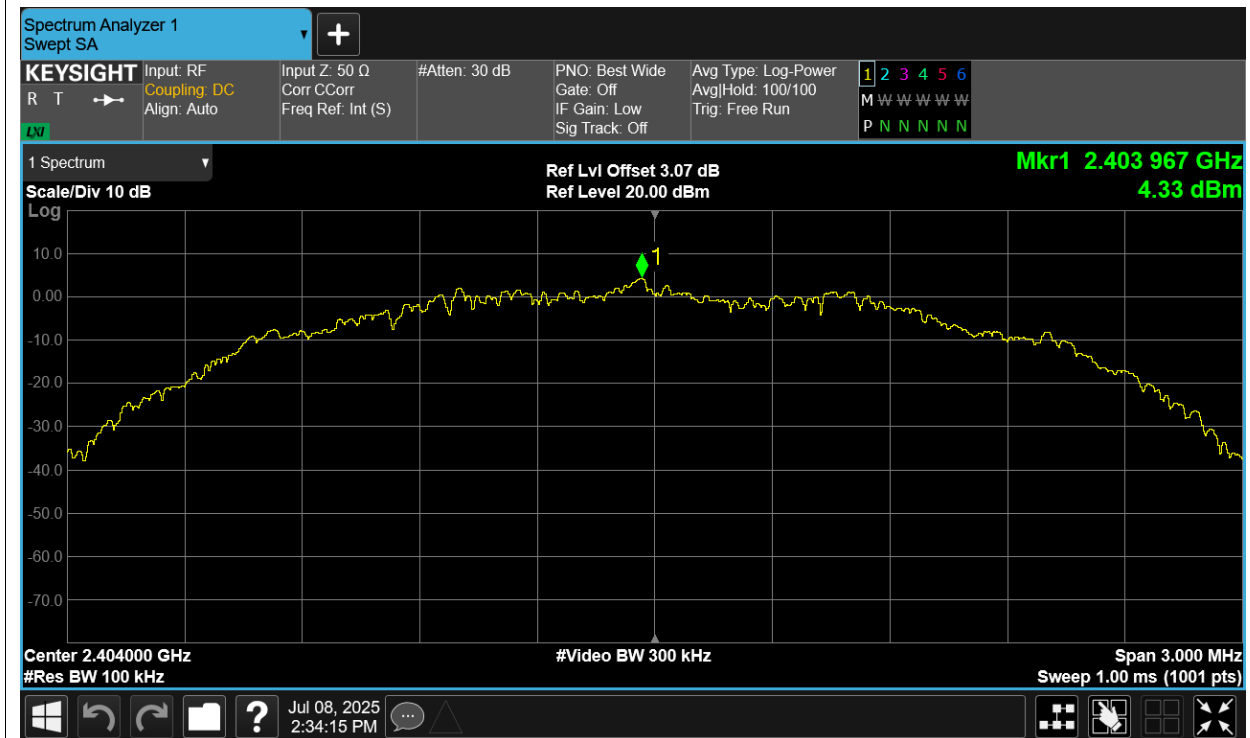


Conducted RF Spurious Emission

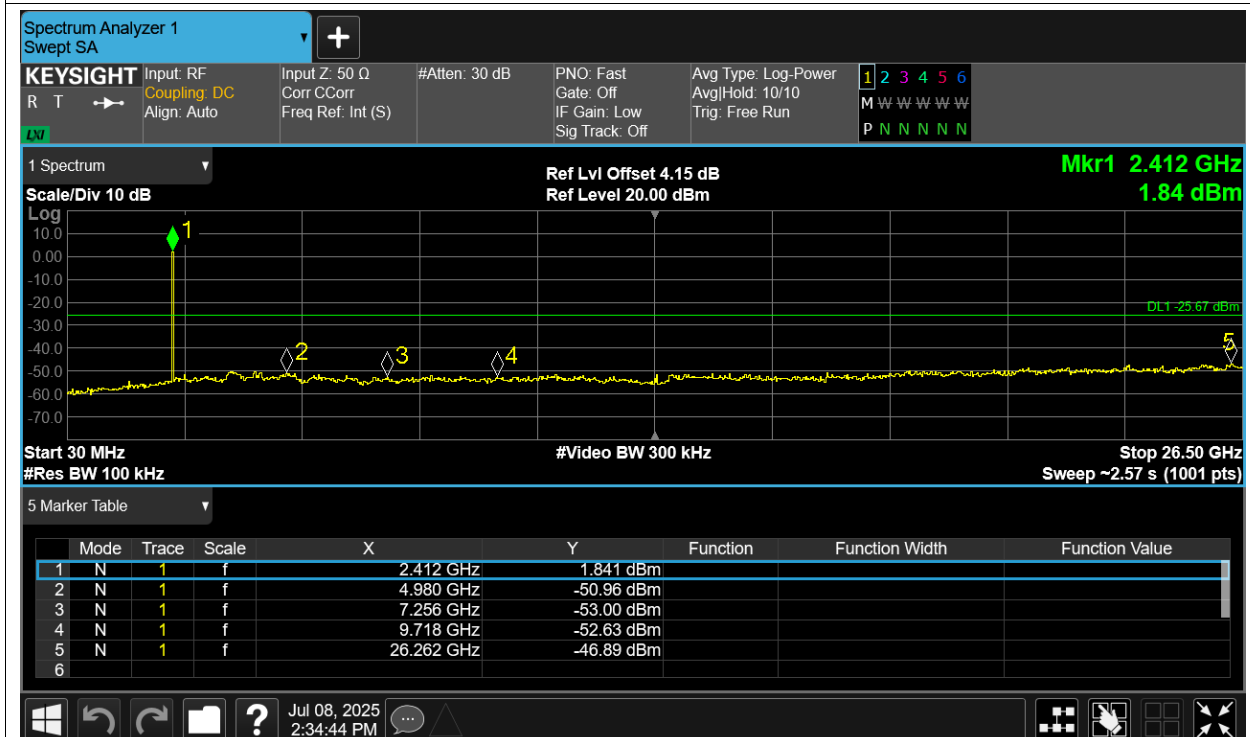
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE	2404	Ant3	-51.22	-30	Pass
NVNT	BLE	2442	Ant3	-51.35	-30	Pass
NVNT	BLE	2478	Ant3	-51.46	-30	Pass

Test Graphs

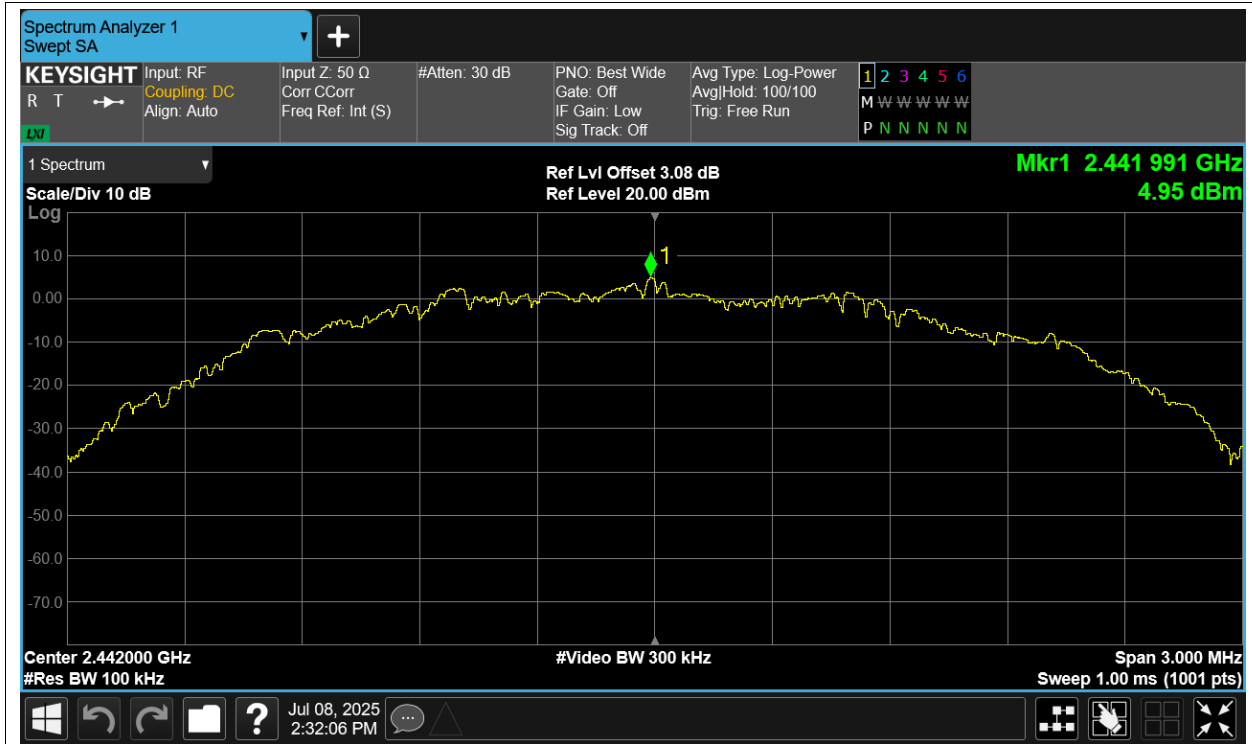
Tx. Spurious NVNT BLE 2404MHz Ant3 Ref



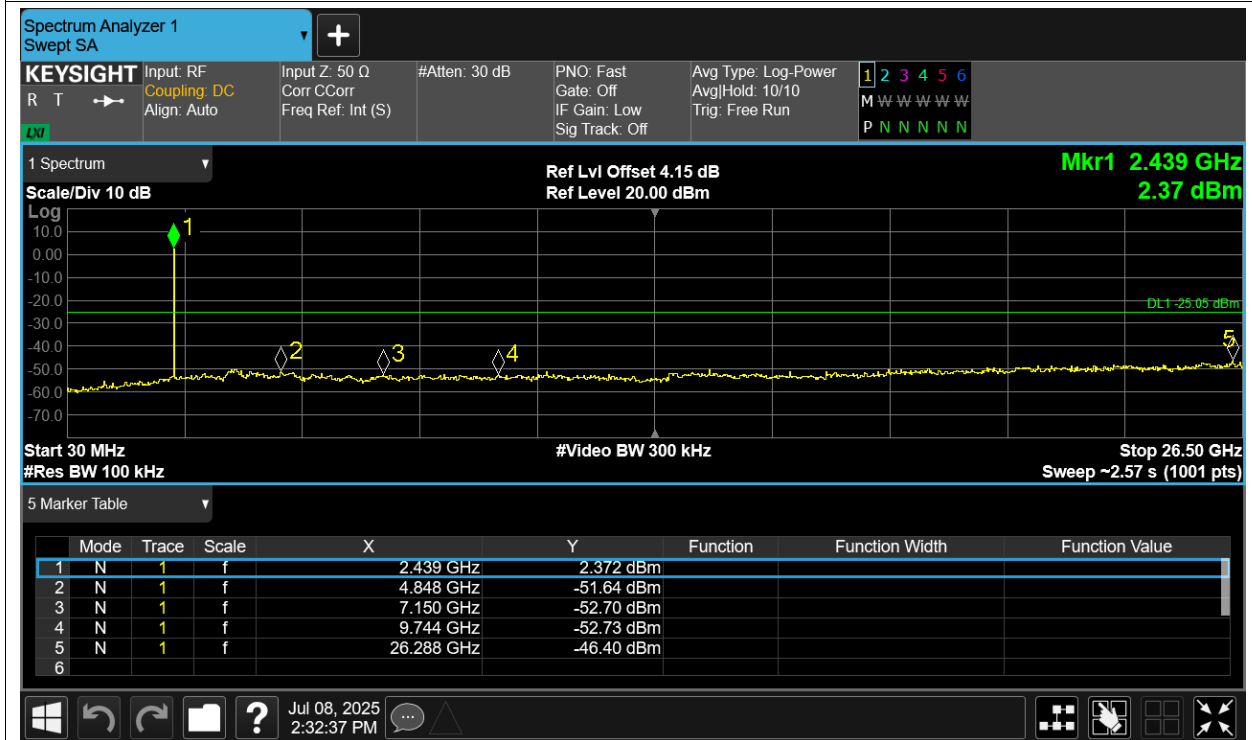
Tx. Spurious NVNT BLE 2404MHz Ant3 Emission



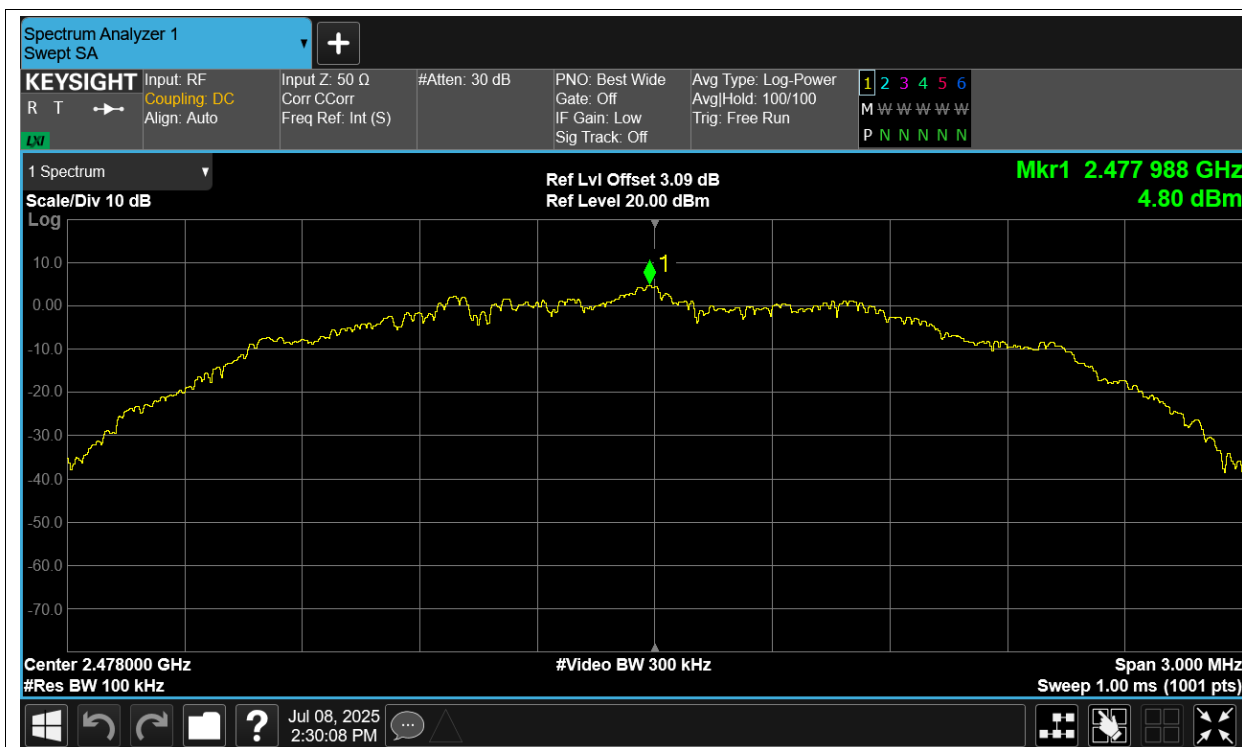
Tx. Spurious NVNT BLE 2442MHz Ant3 Ref



Tx. Spurious NVNT BLE 2442MHz Ant3 Emission



Tx. Spurious NVNT BLE 2478MHz Ant3 Ref



Tx. Spurious NVNT BLE 2478MHz Ant3 Emission

