

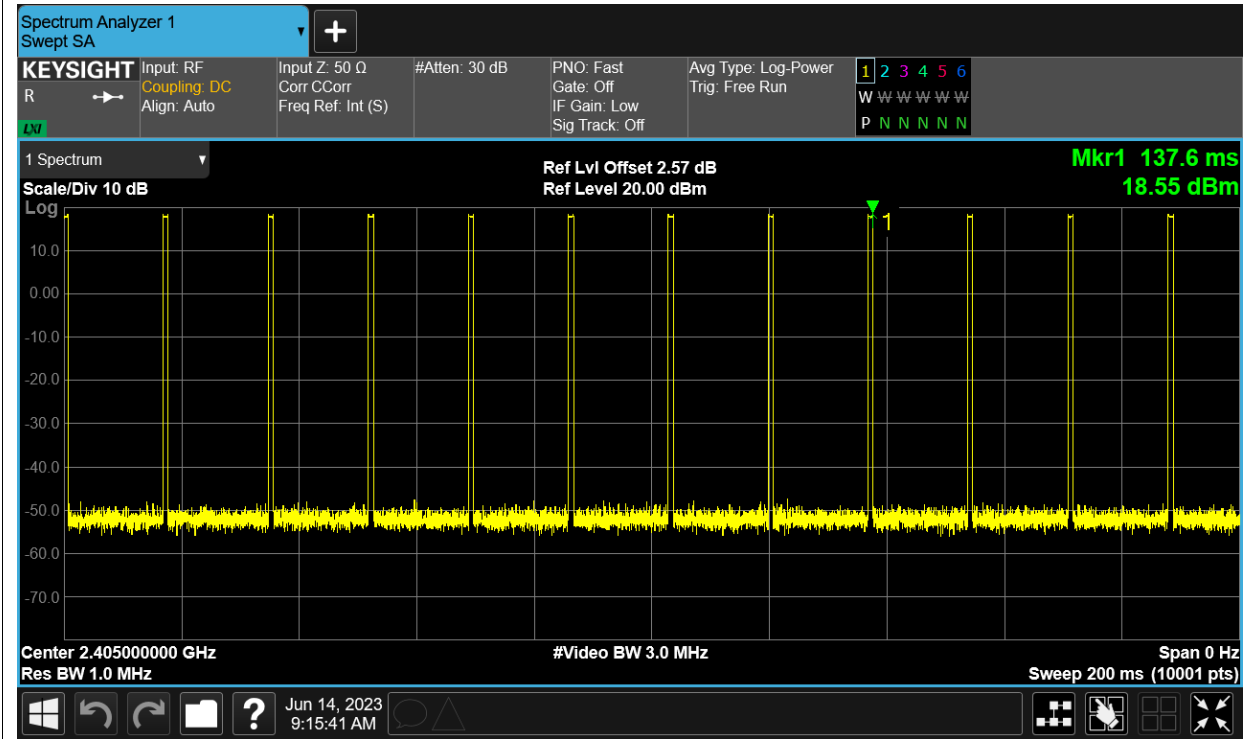
## Test Data

### Duty Cycle

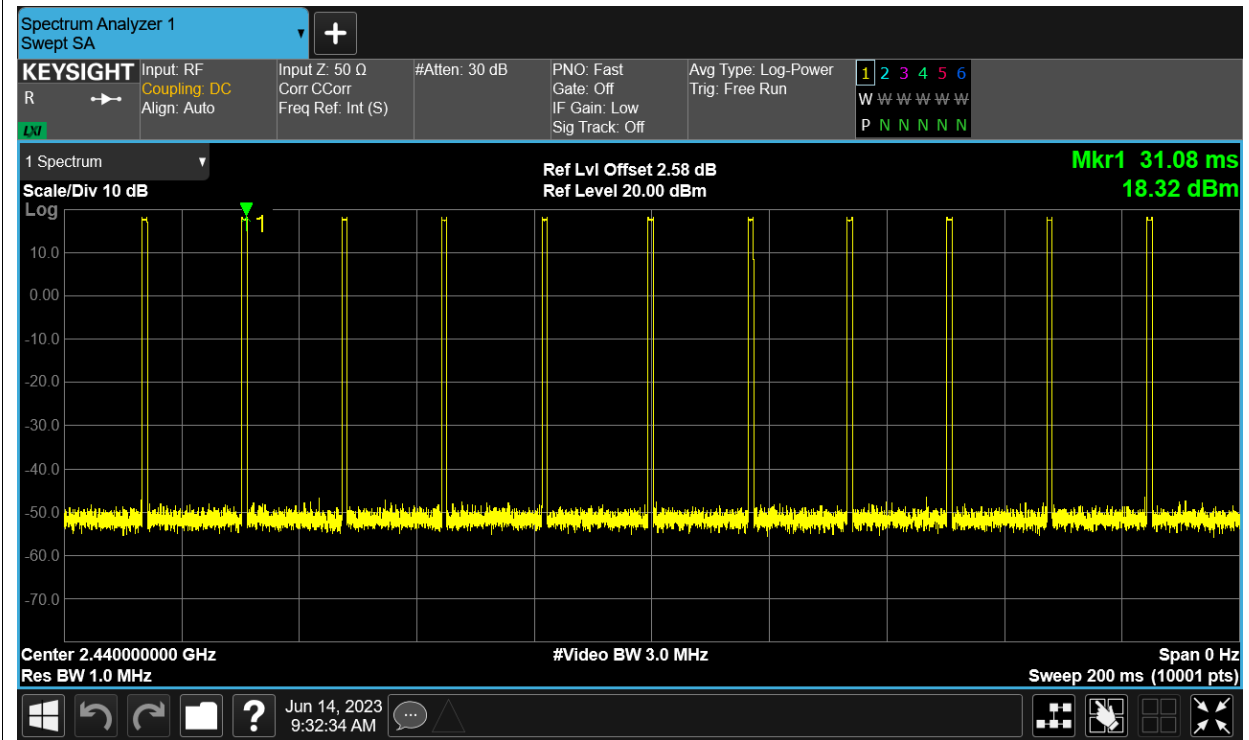
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	Zigbee	2405	Ant1	5.11	12.92
NVNT	Zigbee	2440	Ant1	4.82	13.17
NVNT	Zigbee	2480	Ant1	5.27	12.78

Test Graphs

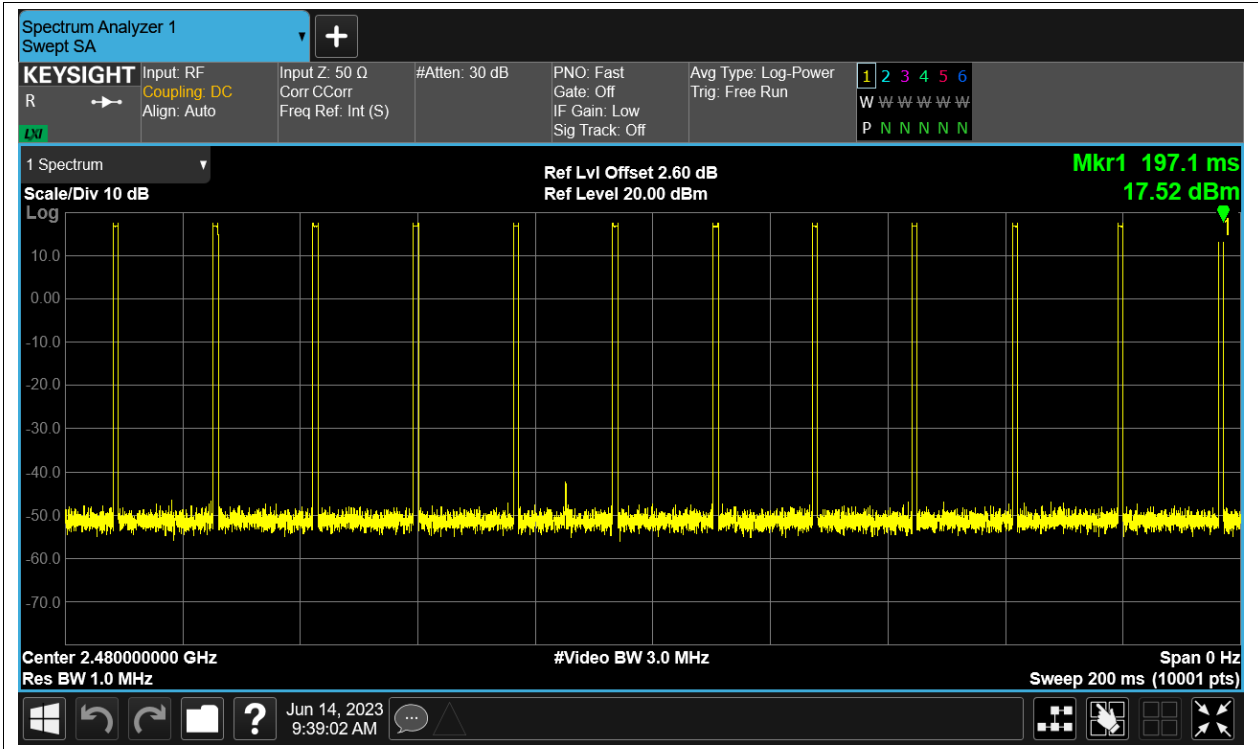
Duty Cycle NVNT user 2405MHz Ant1



Duty Cycle NVNT user 2440MHz Ant1



Duty Cycle NVNT user 2480MHz Ant1

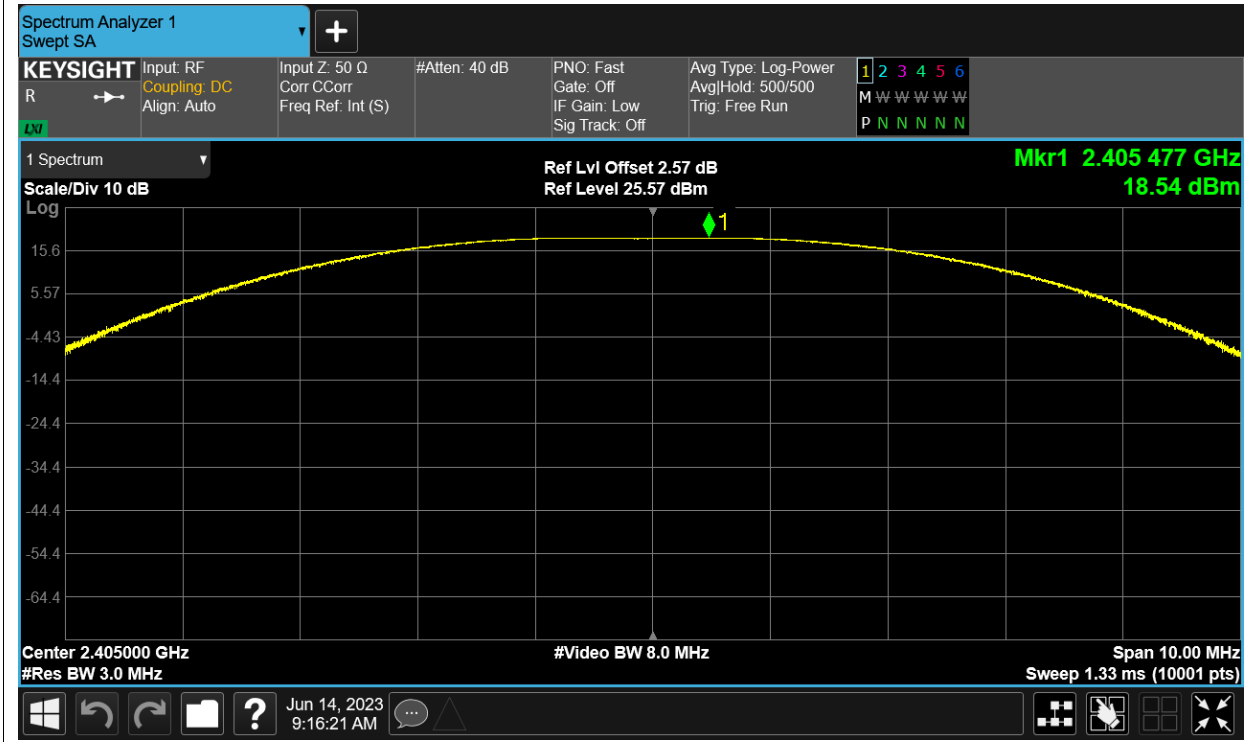


## Maximum Conducted Output Power

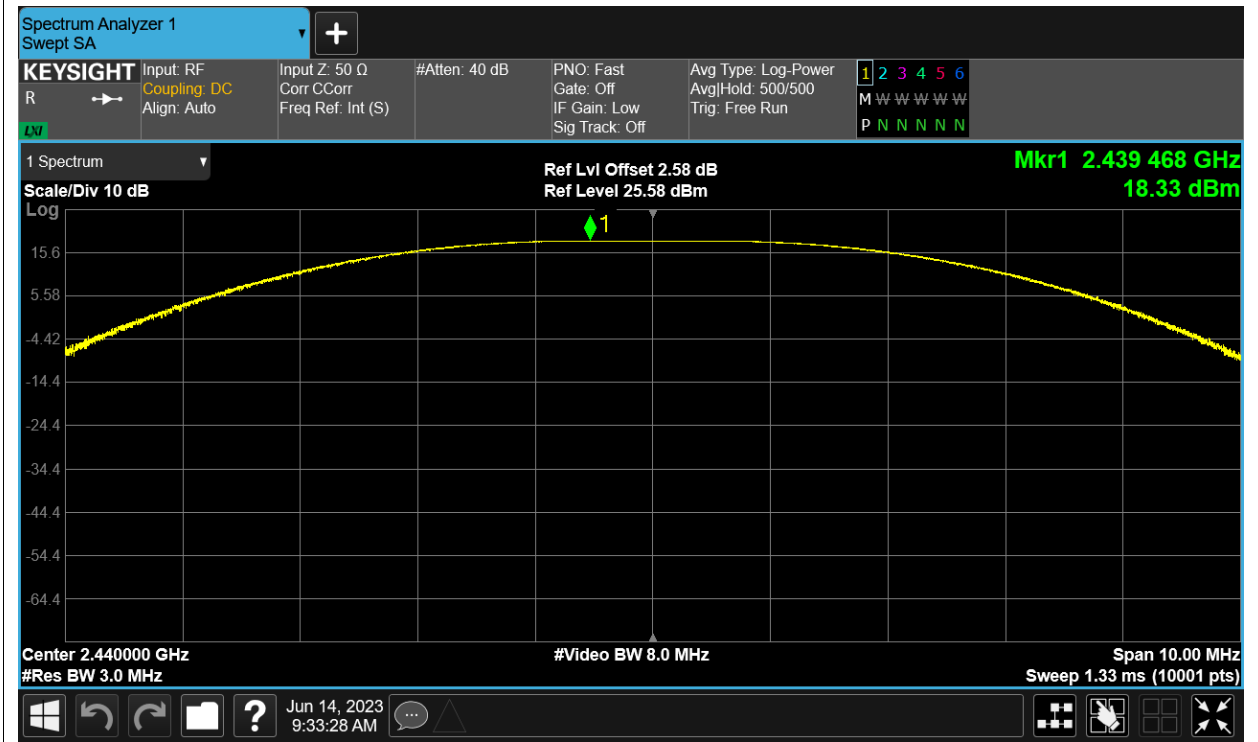
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	Zigbee	2405	Ant1	18.536	30	Pass
NVNT	Zigbee	2440	Ant1	18.33	30	Pass
NVNT	Zigbee	2480	Ant1	17.594	30	Pass

Test Graphs

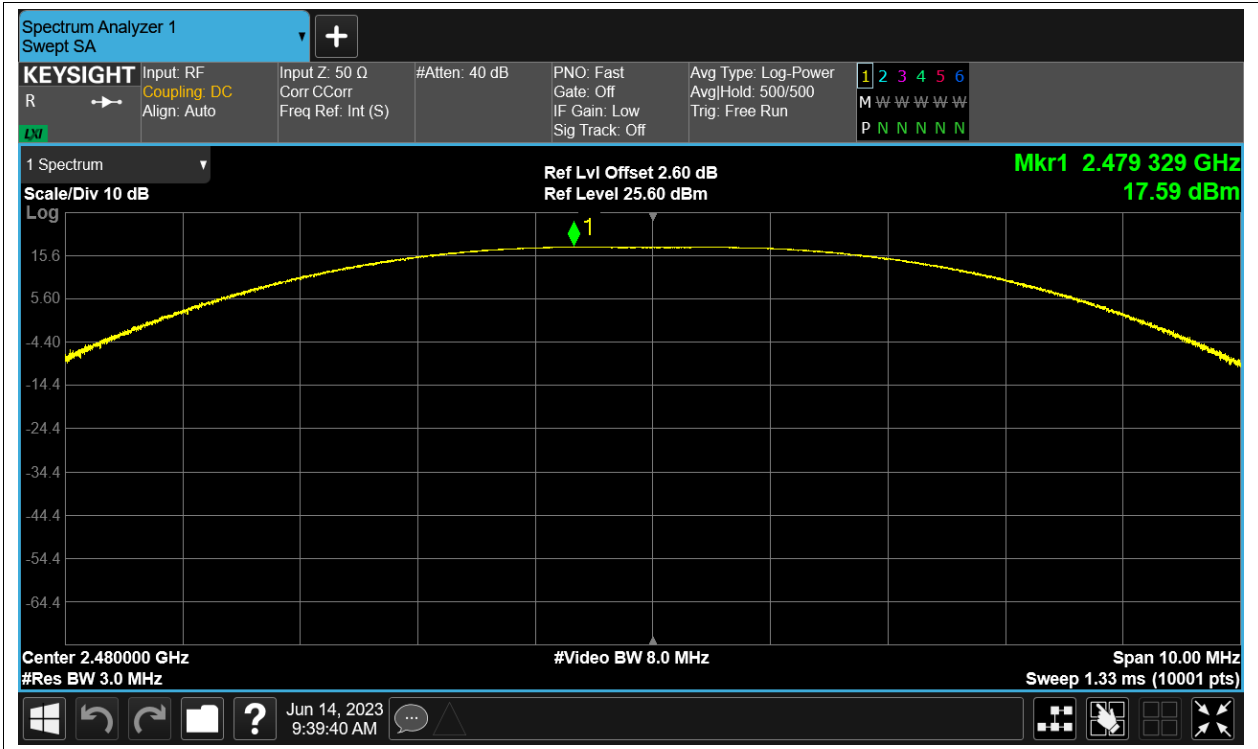
Power NVNT user 2405MHz Ant1



Power NVNT user 2440MHz Ant1



Power NVNT user 2480MHz Ant1

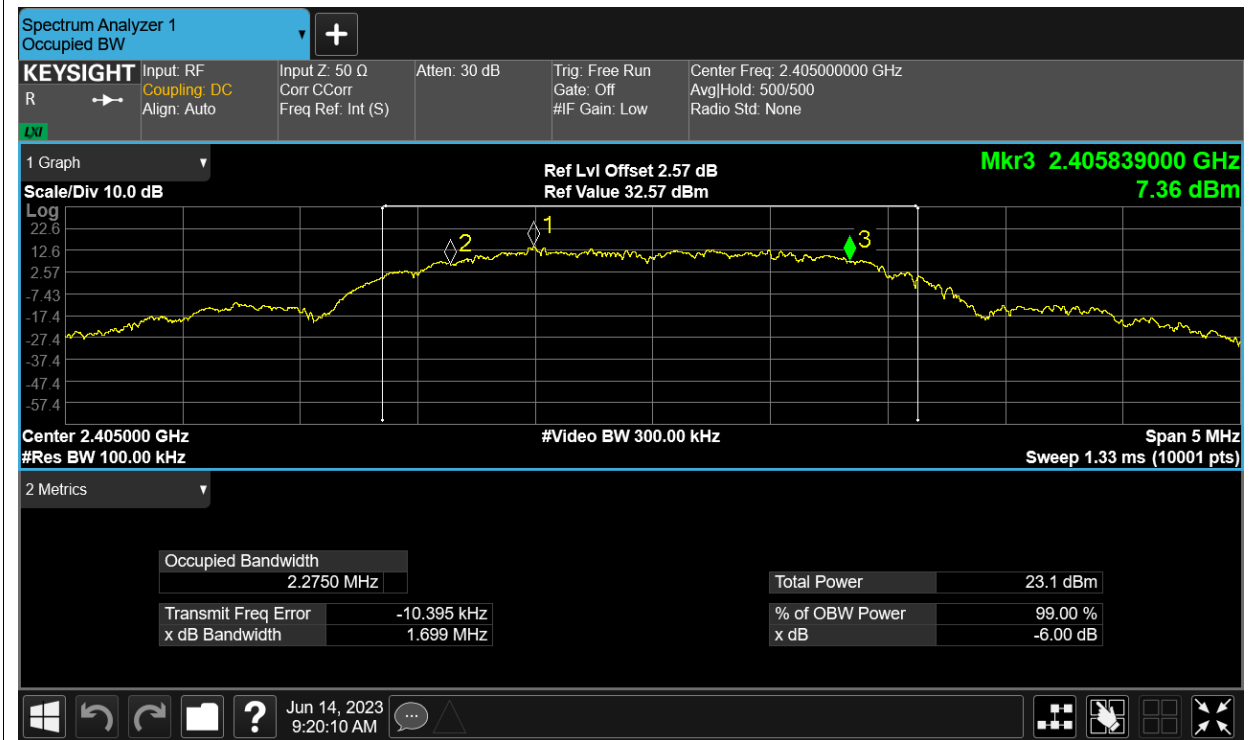


## -6dB Bandwidth

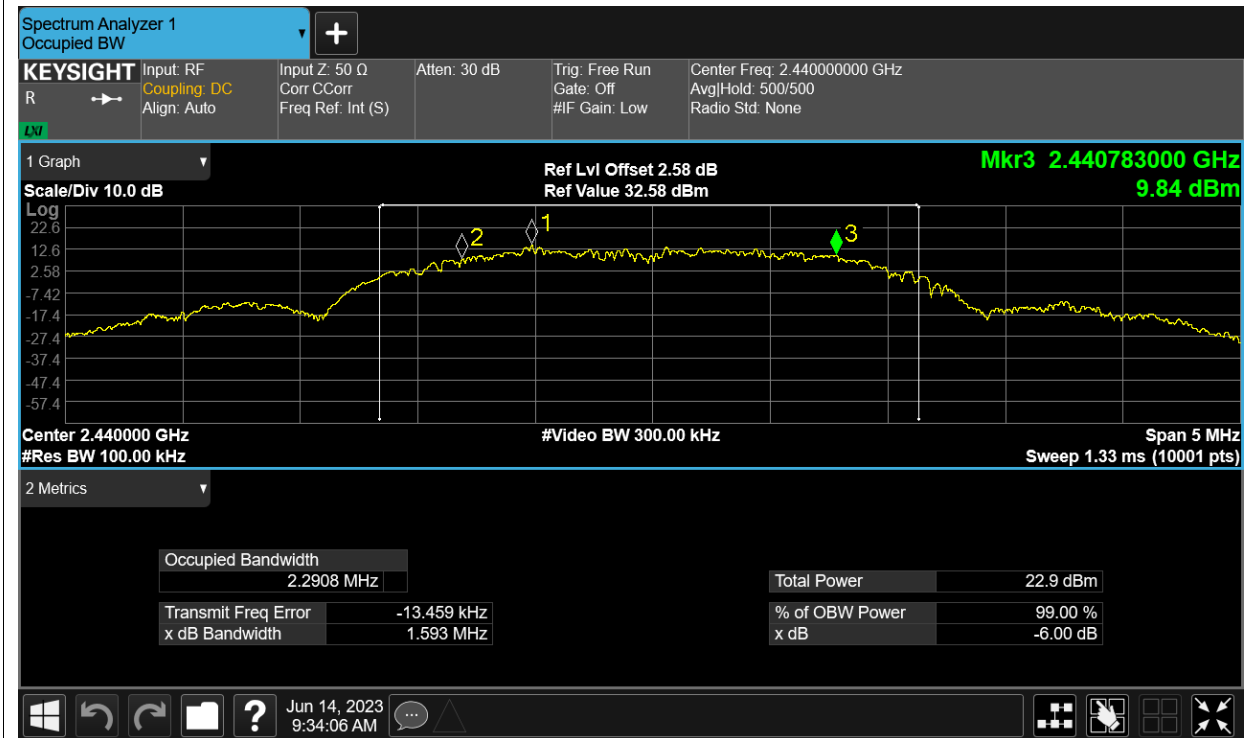
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	limit	Verdic
NVNT	Zigbee	2405	Ant1	1.699	0.5	Pass
NVNT	Zigbee	2440	Ant1	1.593	0.5	Pass
NVNT	Zigbee	2480	Ant1	1.585	0.5	Pass

Test Graphs

-6dB Bandwidth NVNT user 2405MHz Ant1

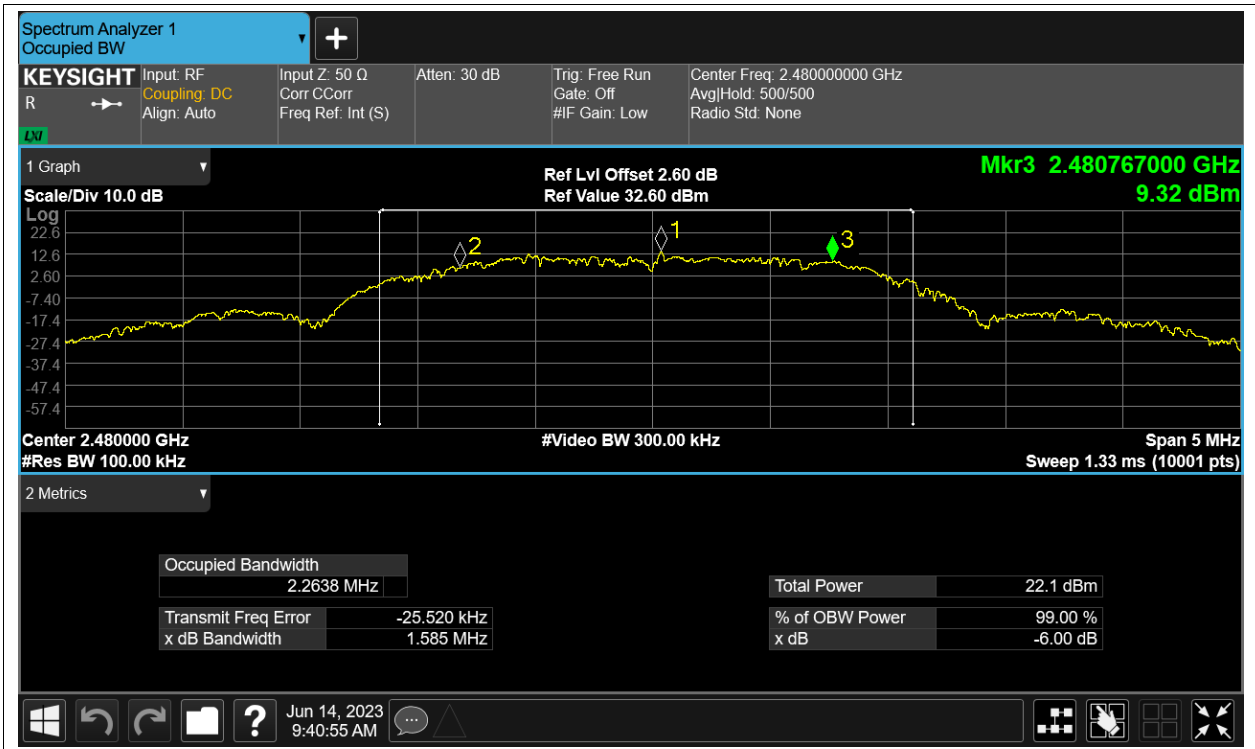


-6dB Bandwidth NVNT user 2440MHz Ant1



-6dB Bandwidth NVNT user 2480MHz Ant1



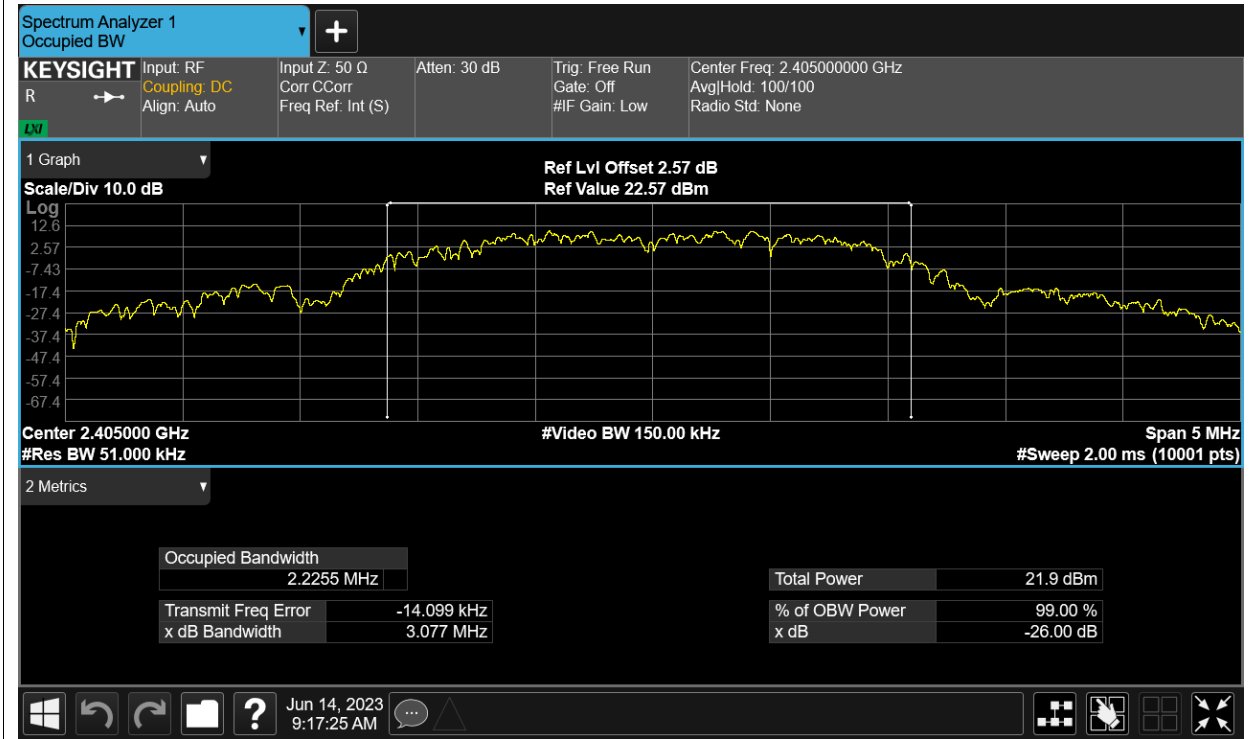


## Occupied Channel Bandwidth

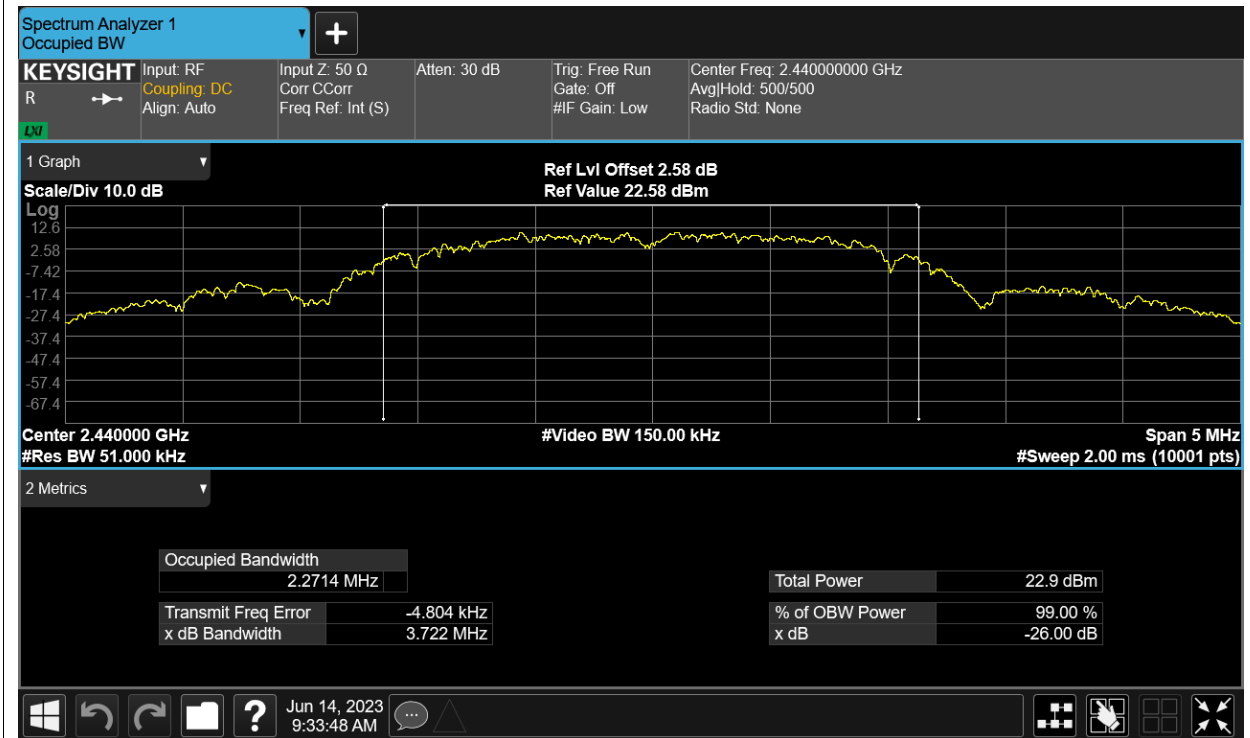
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	Zigbee	2405	Ant1	2.226
NVNT	Zigbee	2440	Ant1	2.271
NVNT	Zigbee	2480	Ant1	2.233

Test Graphs

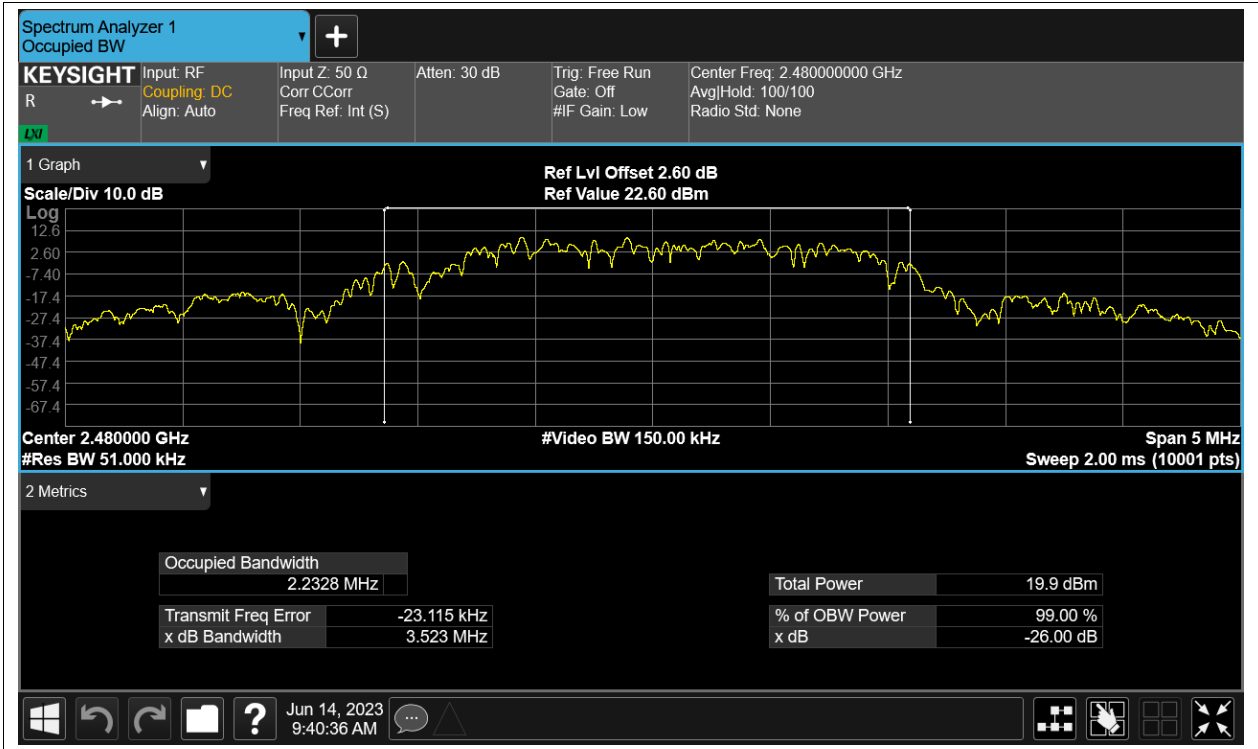
OBW NVNT user 2405MHz Ant1



OBW NVNT user 2440MHz Ant1



OBW NVNT user 2480MHz Ant1

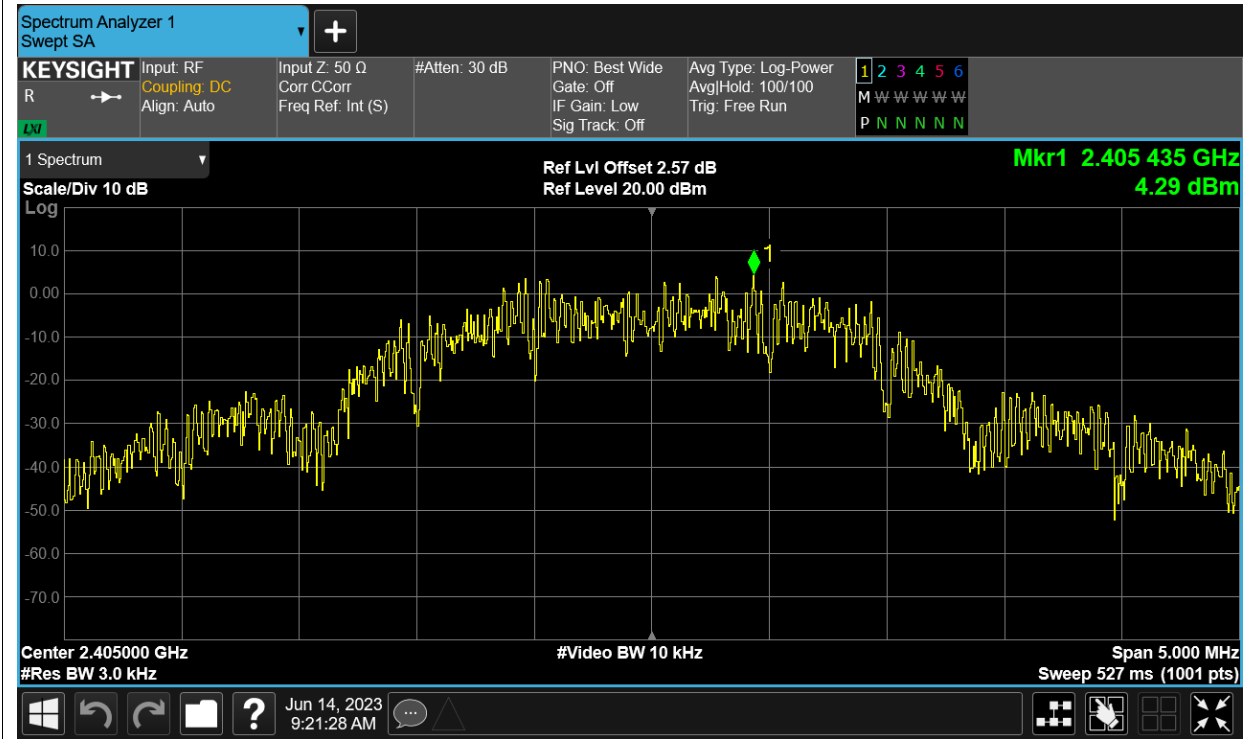


## Maximum Power Spectral Density Level

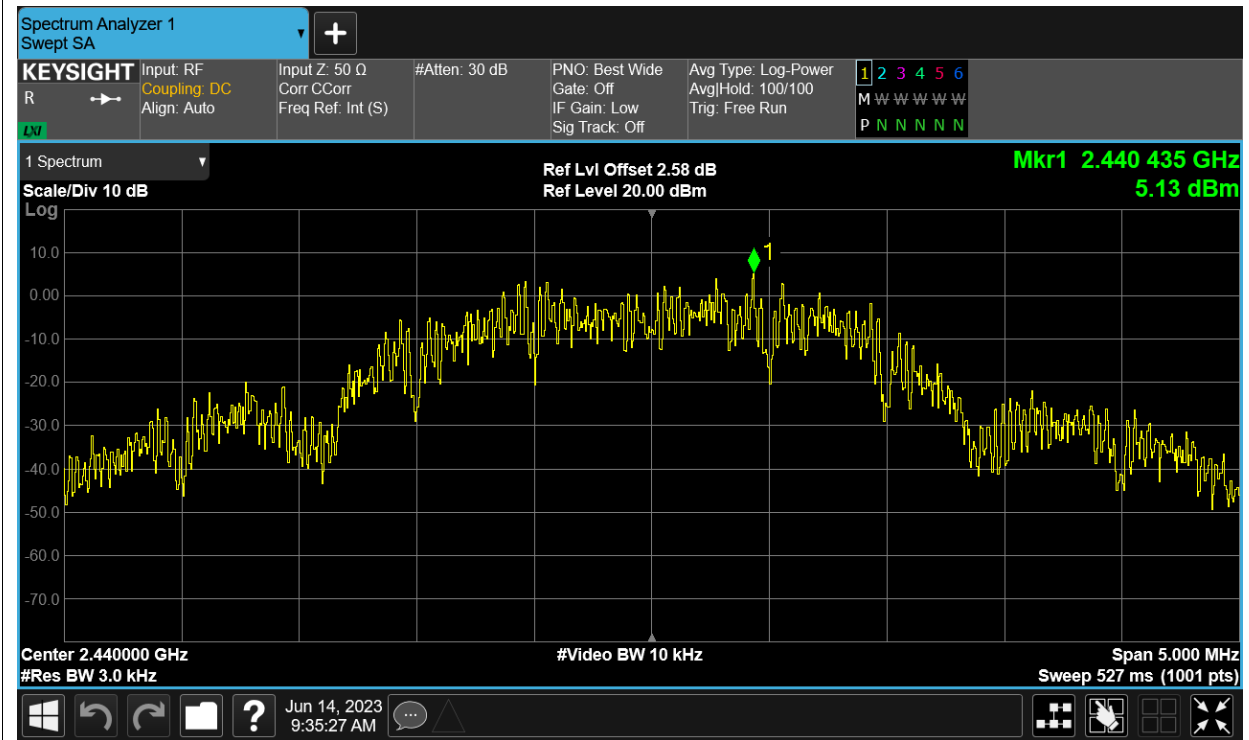
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	Zigbee	2405	Ant1	4.291	8	Pass
NVNT	Zigbee	2440	Ant1	5.129	8	Pass
NVNT	Zigbee	2480	Ant1	3.925	8	Pass

Test Graphs

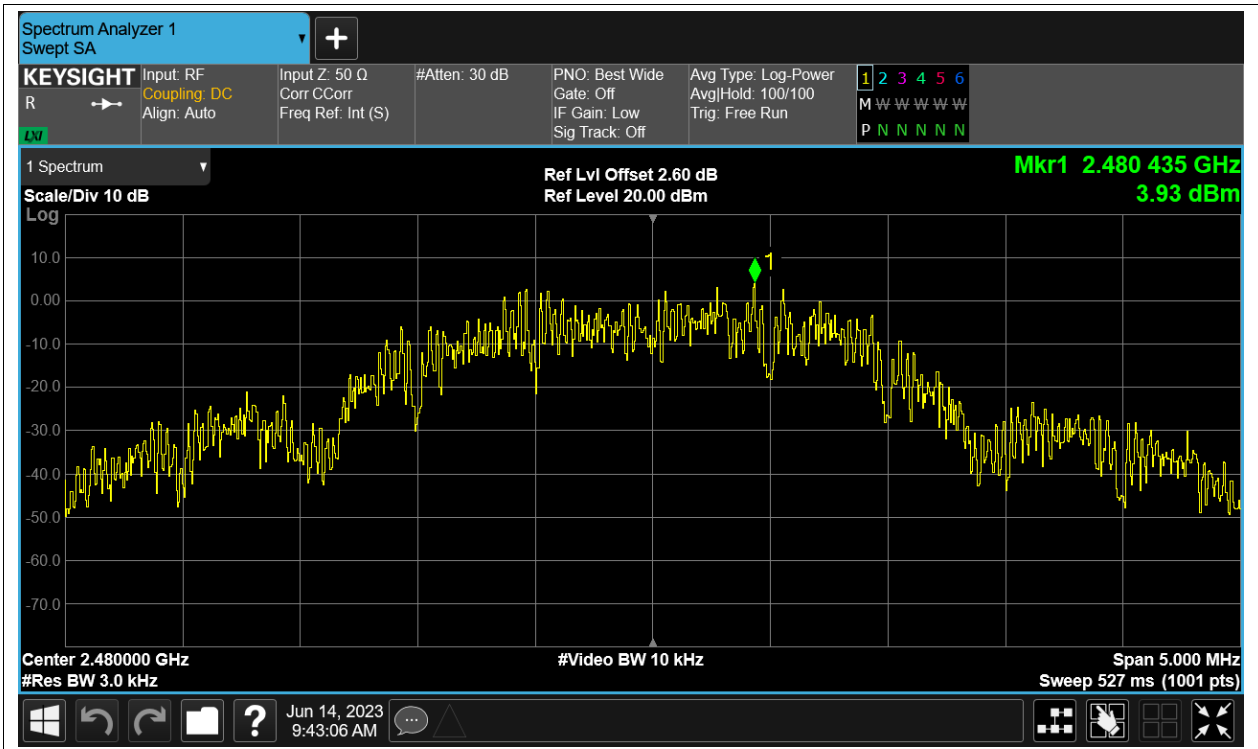
PSD NVNT user 2405MHz Ant1



PSD NVNT user 2440MHz Ant1



PSD NVNT user 2480MHz Ant1



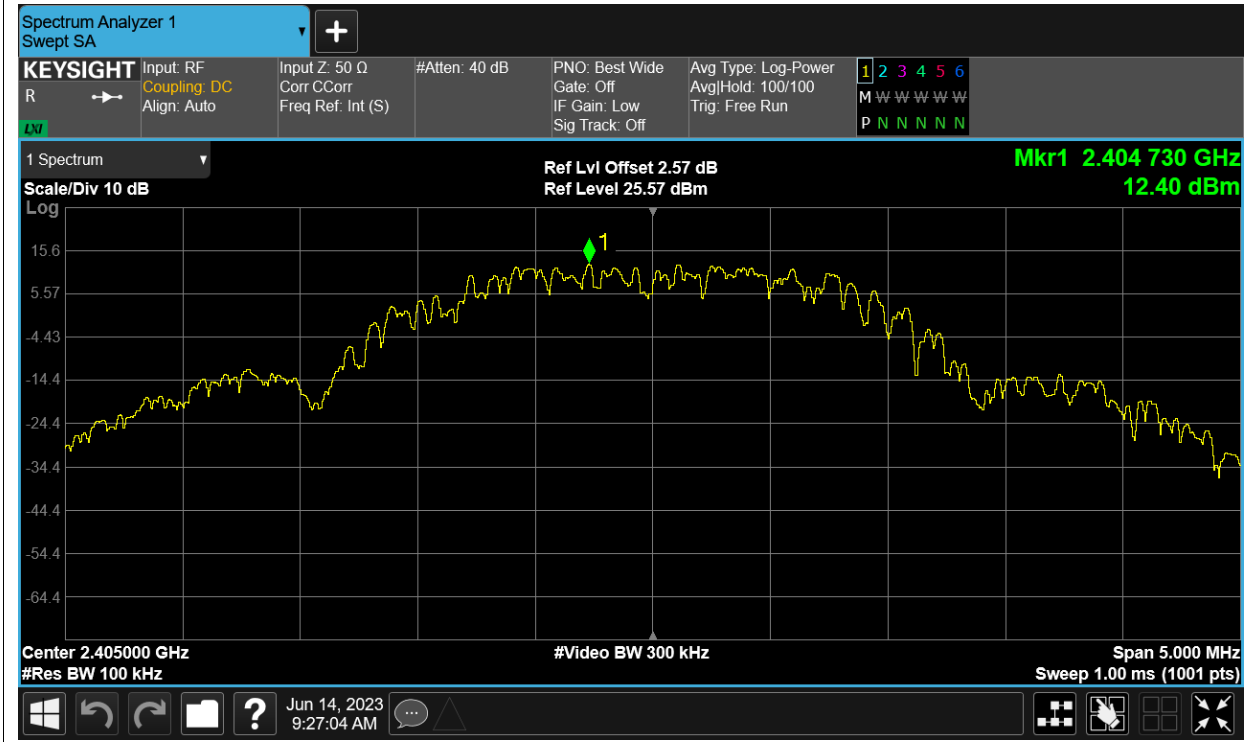
## Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	Zigbee	2405	Ant1	-50.02	-20	Pass
NVNT	Zigbee	2480	Ant1	-49	-20	Pass

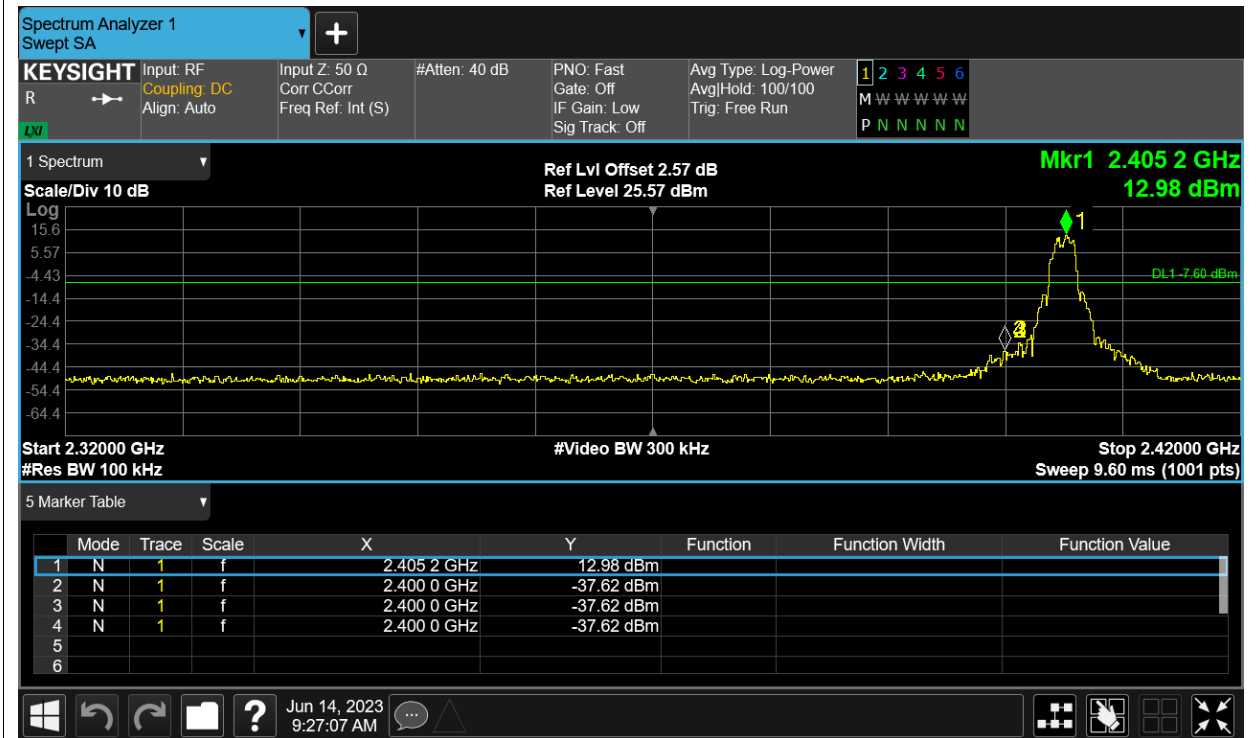


Test Graphs

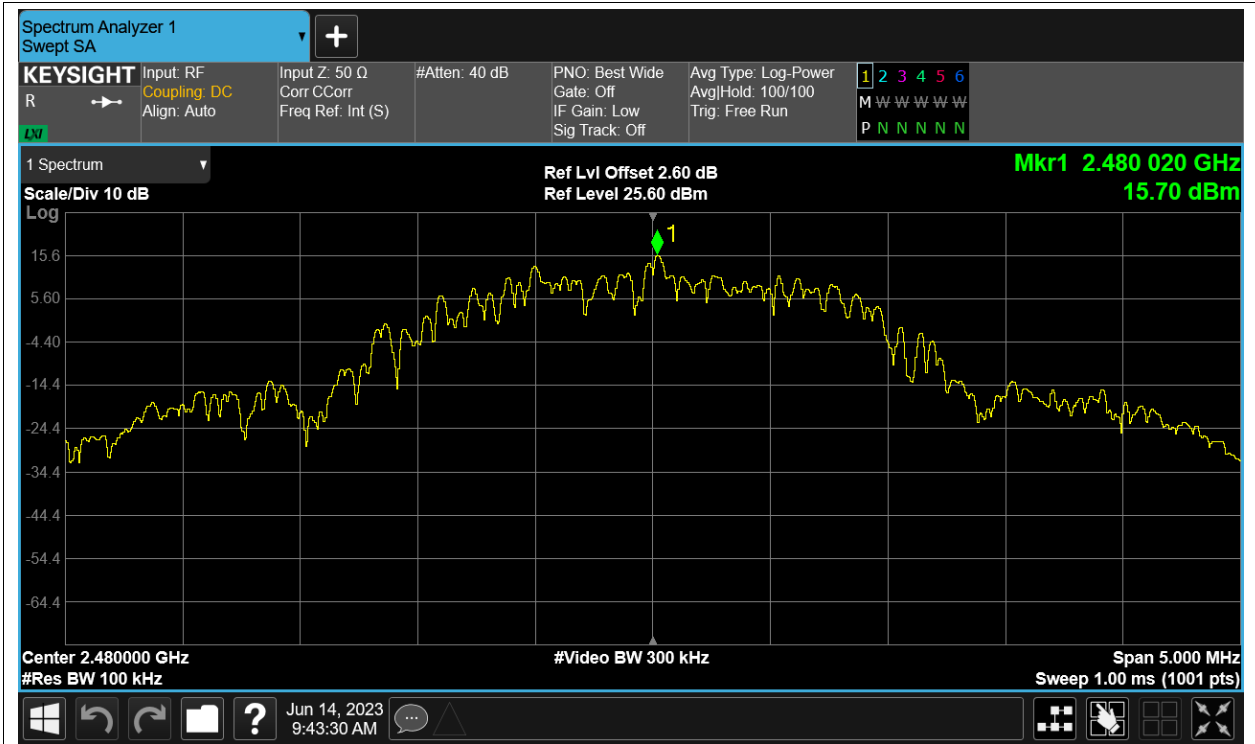
Band Edge NVNT user 2405MHz Ant1 Ref



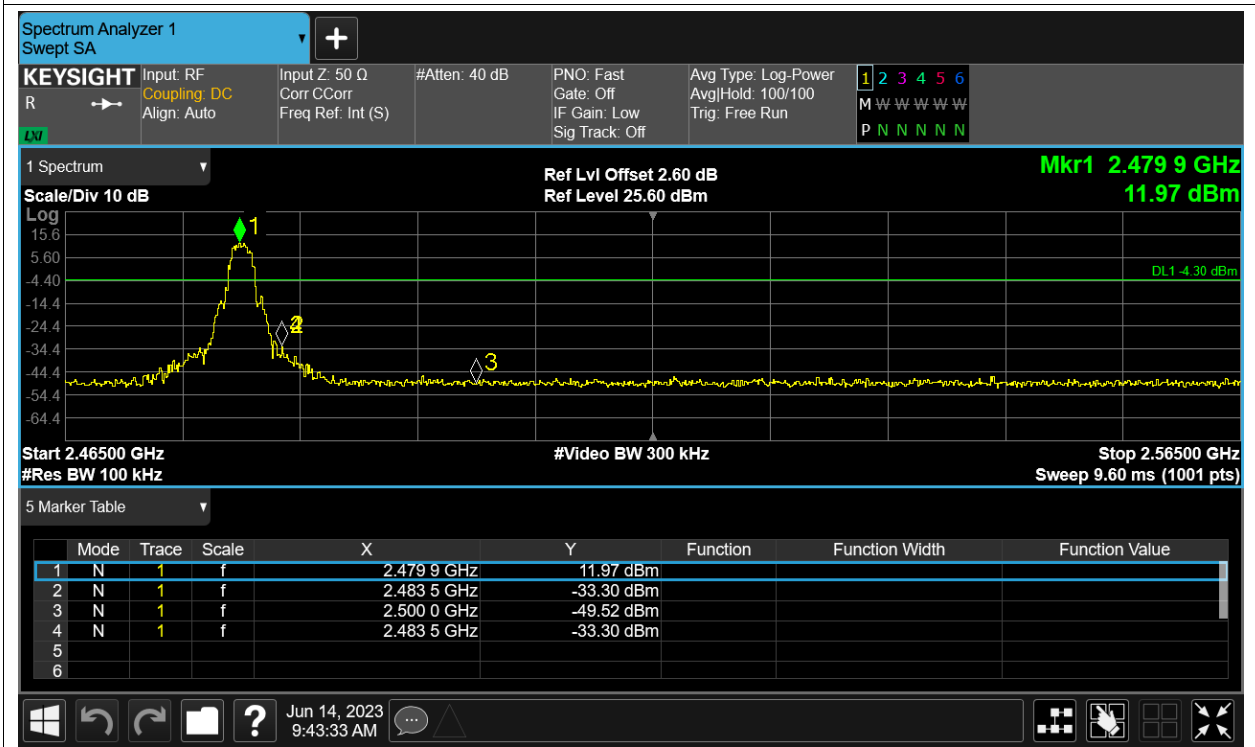
Band Edge NVNT user 2405MHz Ant1 Emission



Band Edge NVNT user 2480MHz Ant1 Ref



Band Edge NVNT user 2480MHz Ant1 Emission

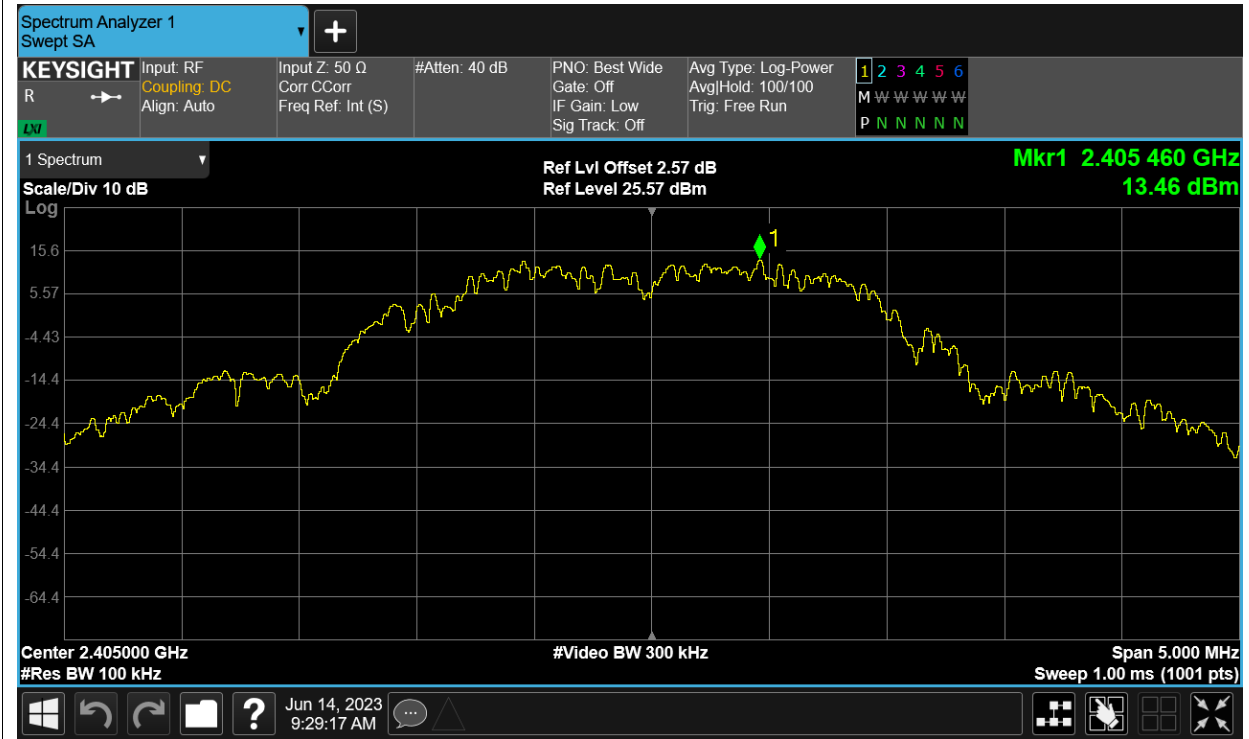


## Conducted RF Spurious Emission

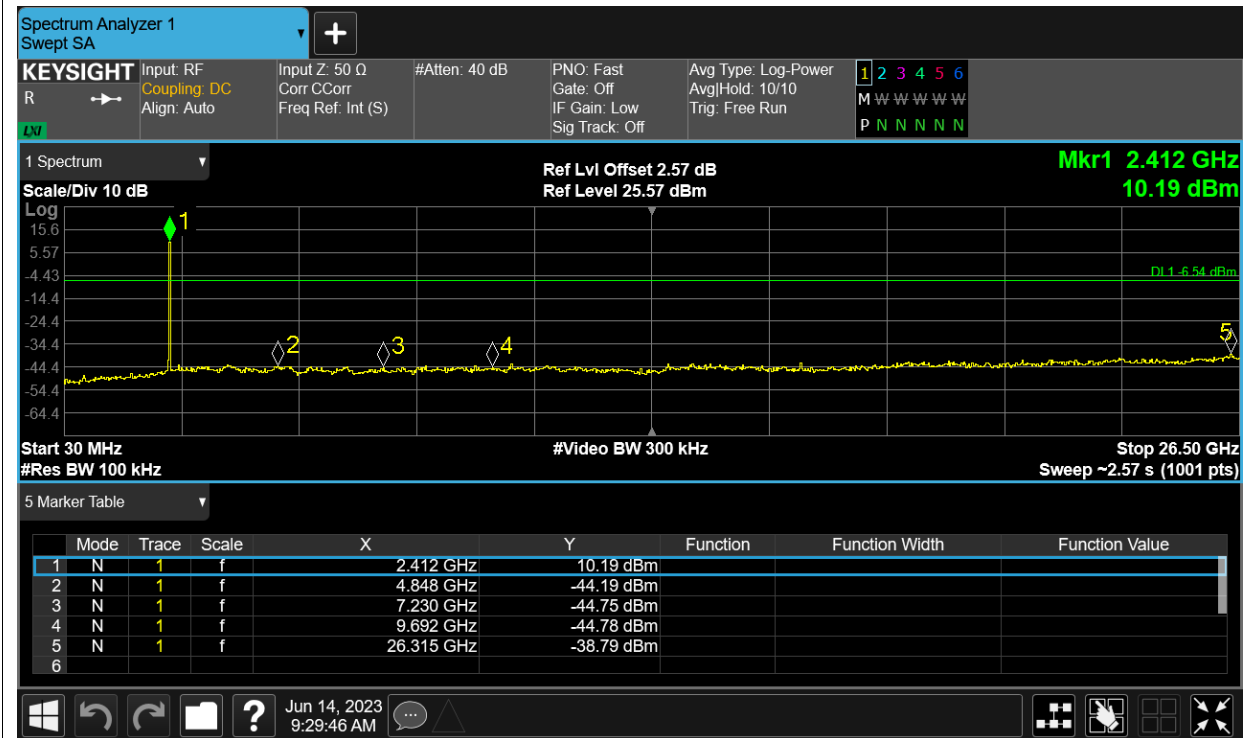
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	Zigbee	2405	Ant1	-52.25	-20	Pass
NVNT	Zigbee	2440	Ant1	-51.38	-20	Pass
NVNT	Zigbee	2480	Ant1	-52.43	-20	Pass

Test Graphs

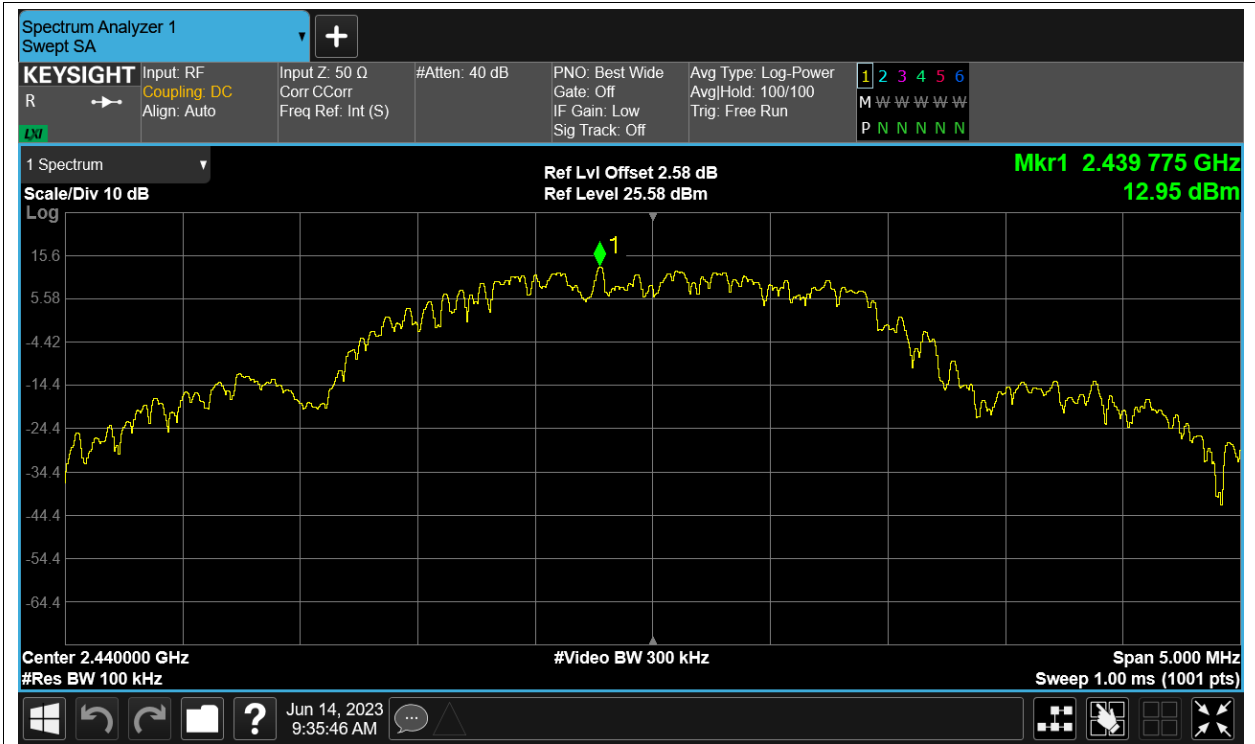
Tx. Spurious NVNT user 2405MHz Ant1 Ref



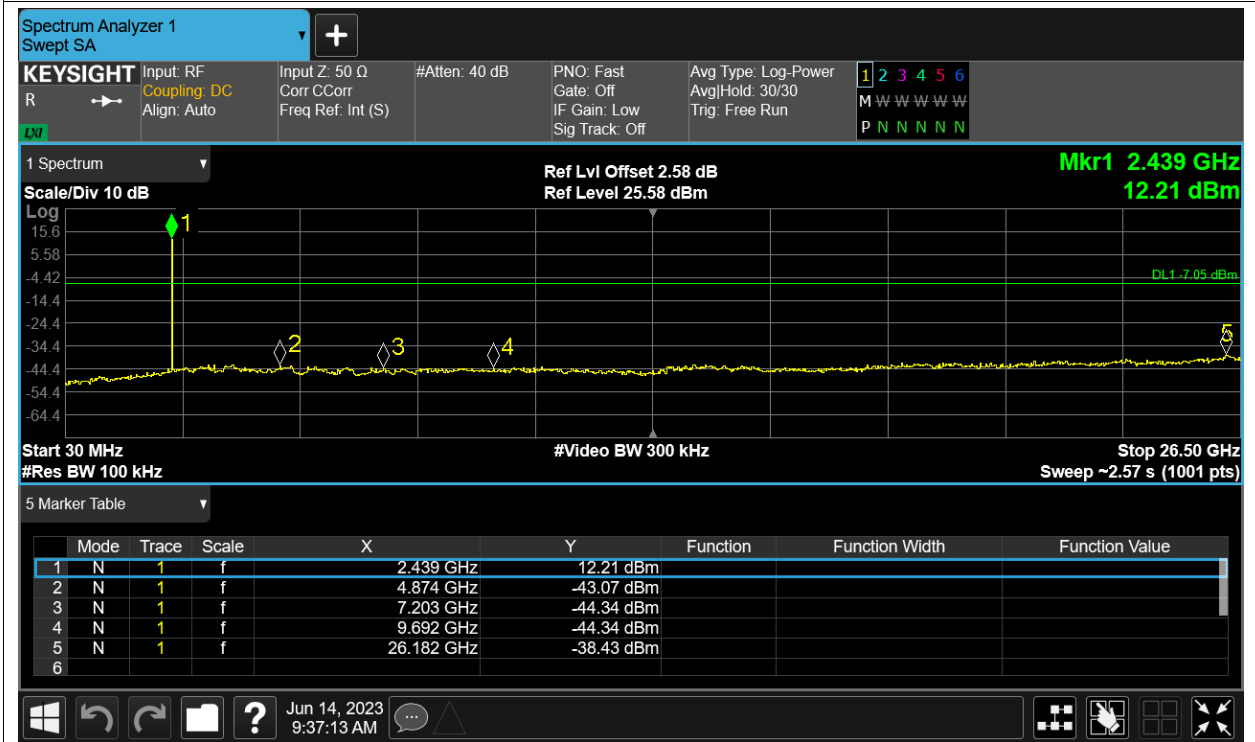
Tx. Spurious NVNT user 2405MHz Ant1 Emission



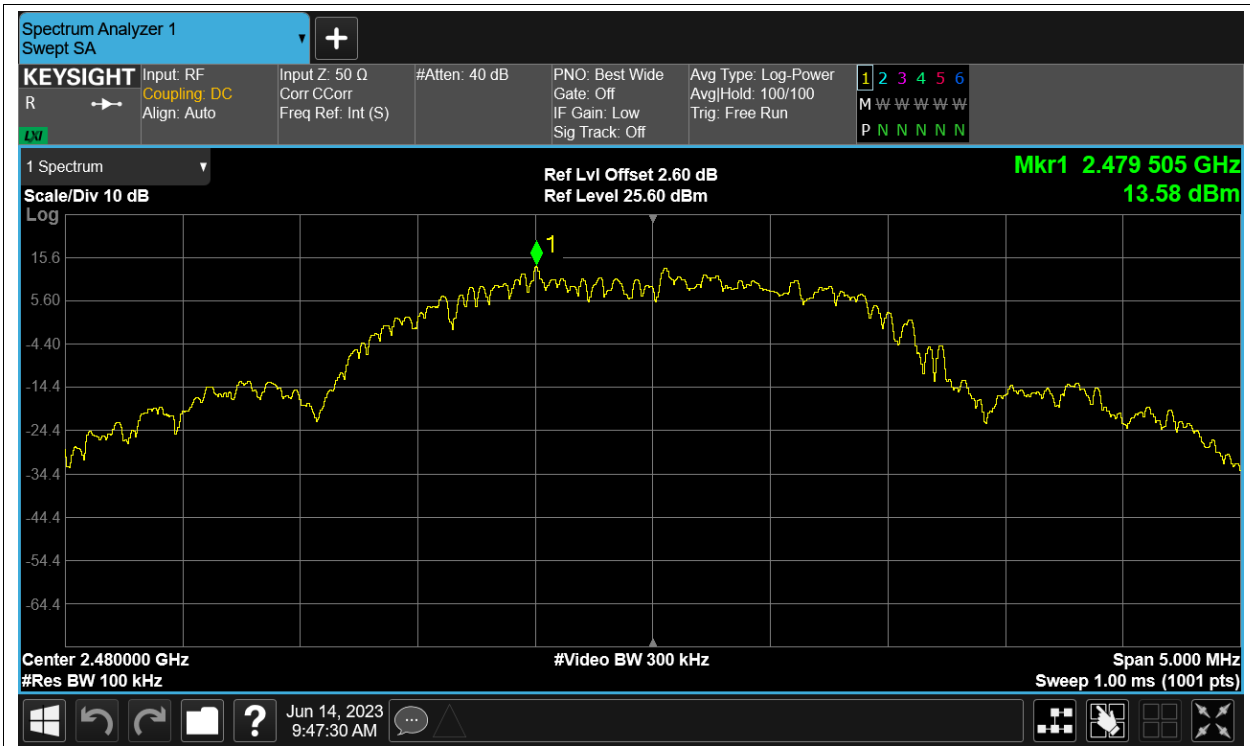
Tx. Spurious NVNT user 2440MHz Ant1 Ref



Tx. Spurious NVNT user 2440MHz Ant1 Emission



Tx. Spurious NVNT user 2480MHz Ant1 Ref



Tx. Spurious NVNT user 2480MHz Ant1 Emission

