

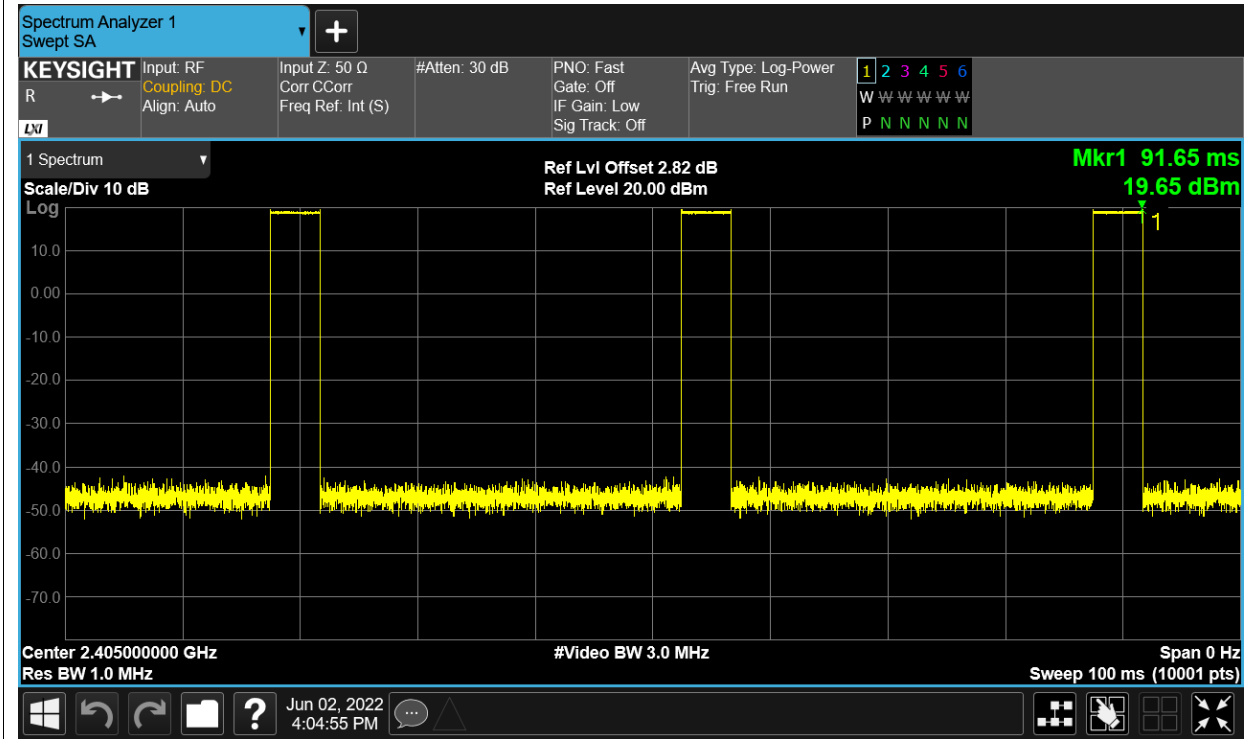
Test Data

Duty Cycle

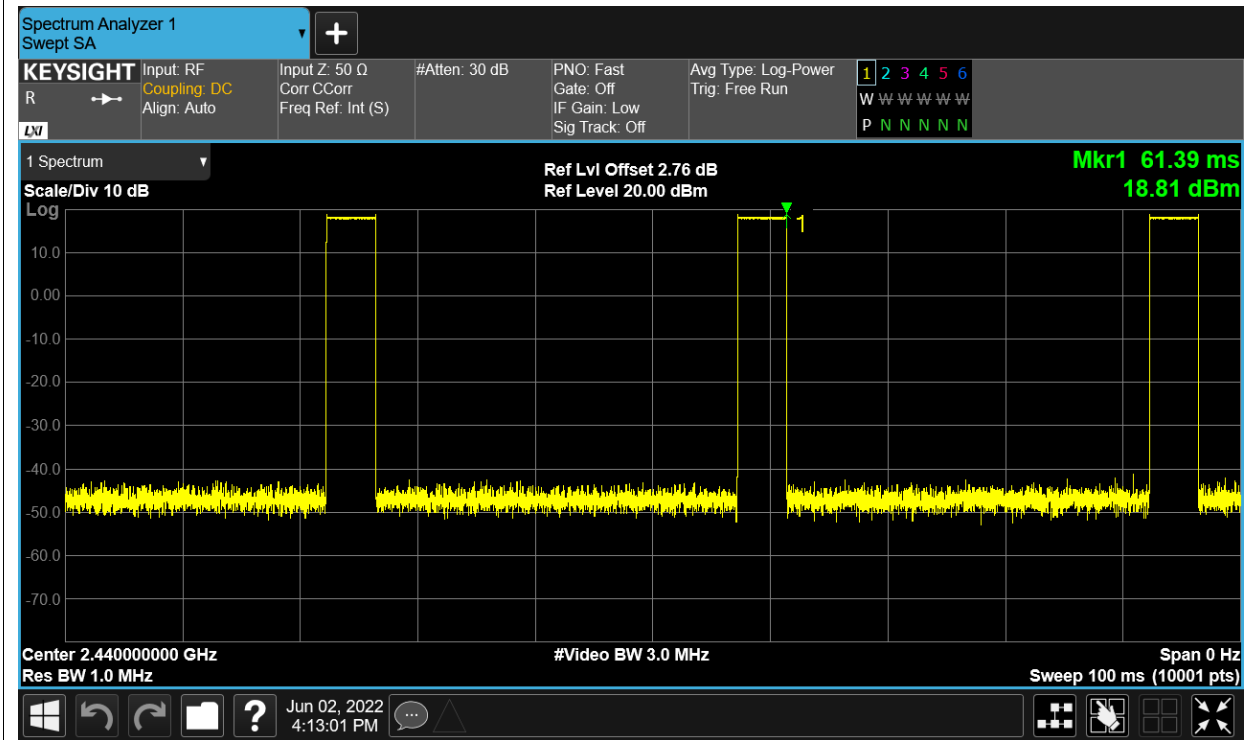
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	Zigbee	2405	Ant1	12.68	8.97
NVNT	Zigbee	2440	Ant1	12.68	8.97
NVNT	Zigbee	2480	Ant1	12.69	8.97

Test Graphs

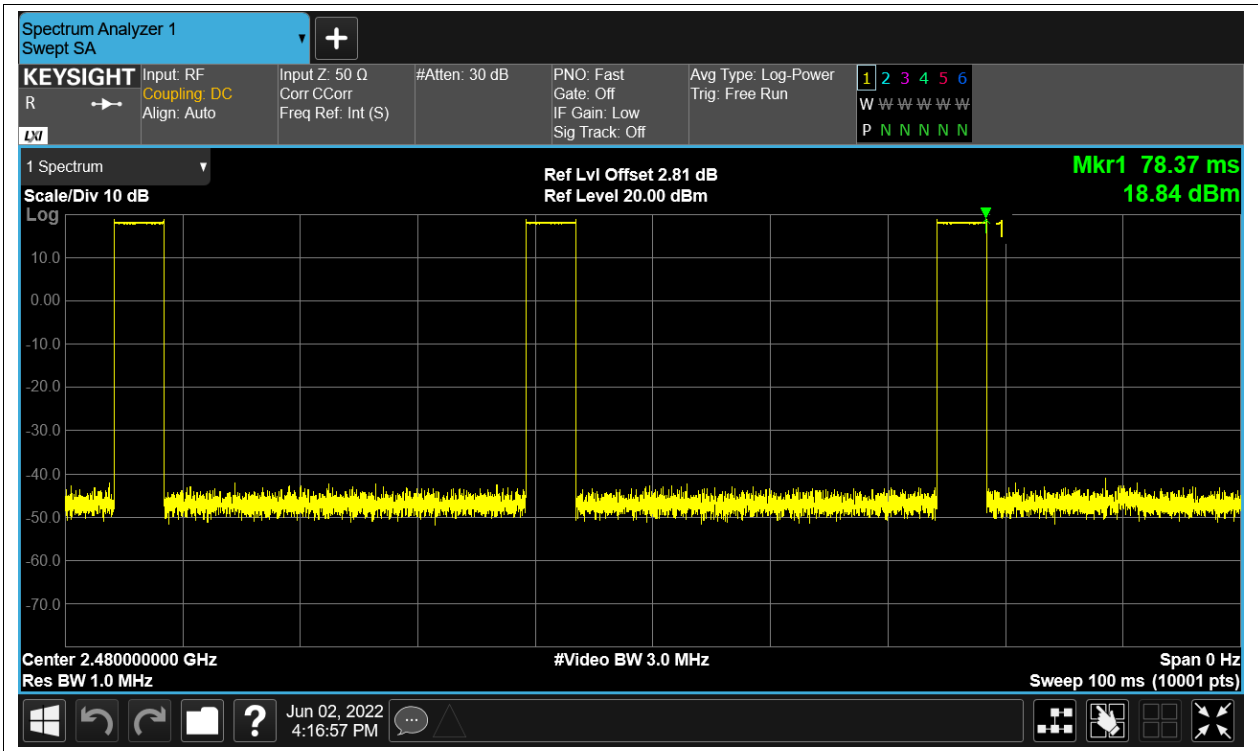
Duty Cycle NVNT Zigbee 2405MHz Ant1



Duty Cycle NVNT Zigbee 2440MHz Ant1



Duty Cycle NVNT Zigbee 2480MHz Ant1

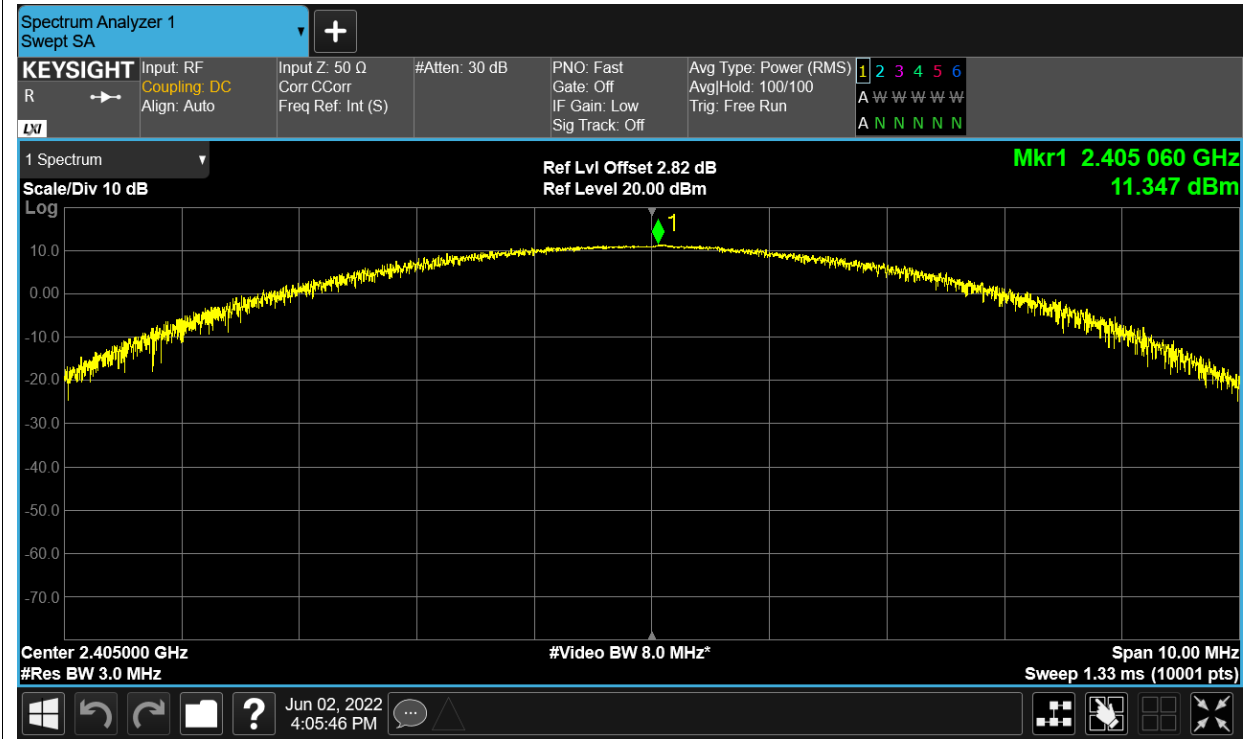


Maximum Conducted Output Power

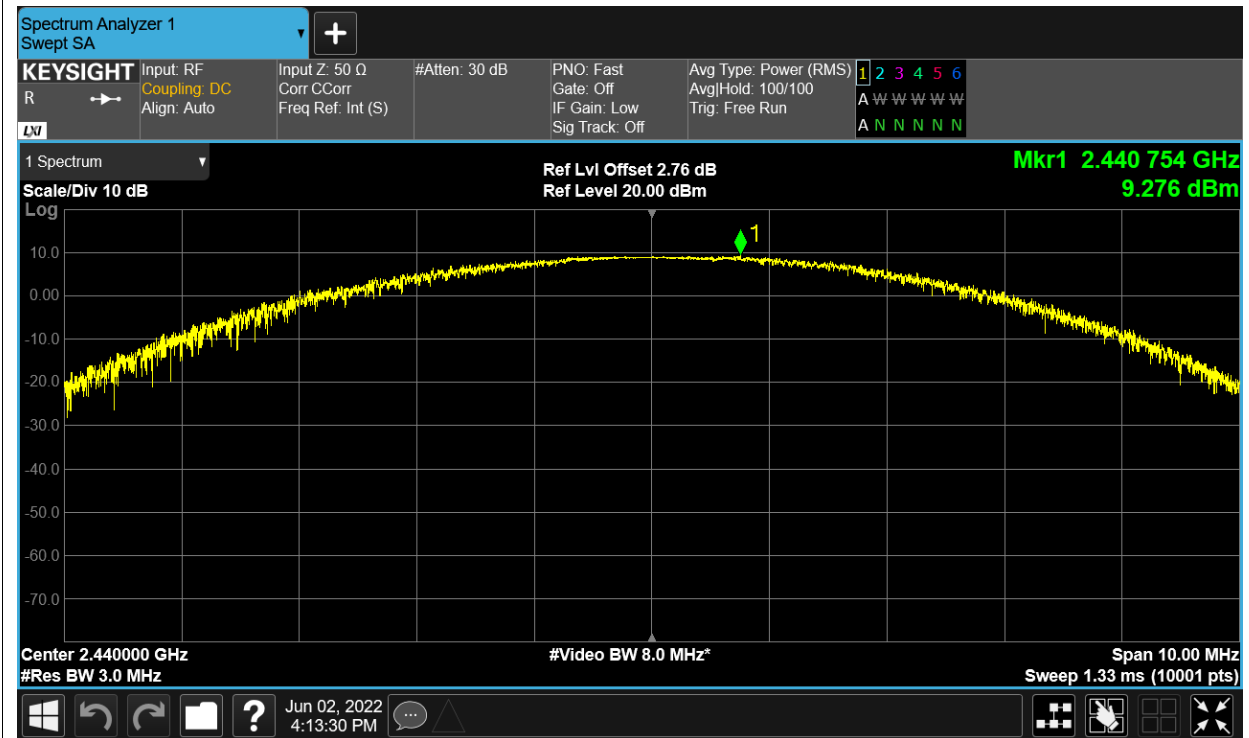
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	Zigbee	2405	Ant1	11.347	8.97	20.317	30	Pass
NVNT	Zigbee	2440	Ant1	9.276	8.97	18.246	30	Pass
NVNT	Zigbee	2480	Ant1	9.876	8.97	18.846	30	Pass

Test Graphs

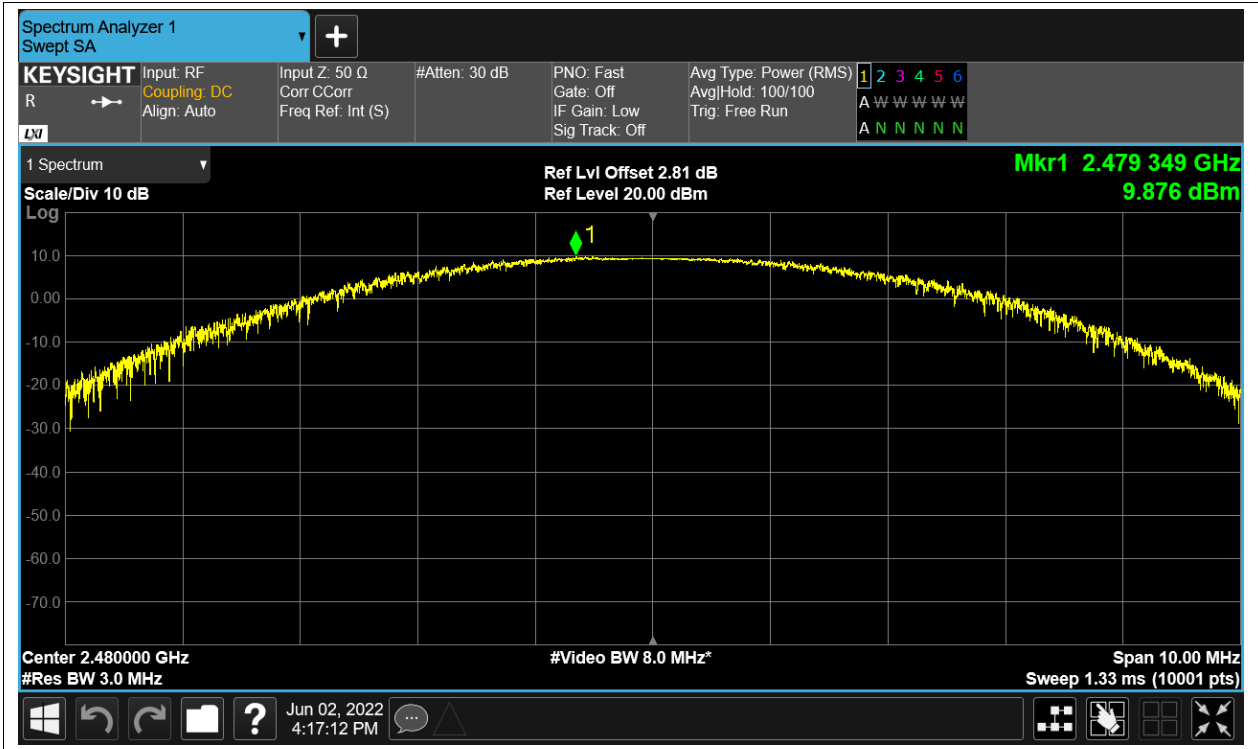
Power NVNT Zigbee 2405MHz Ant1



Power NVNT Zigbee 2440MHz Ant1



Power NVNT Zigbee 2480MHz Ant1

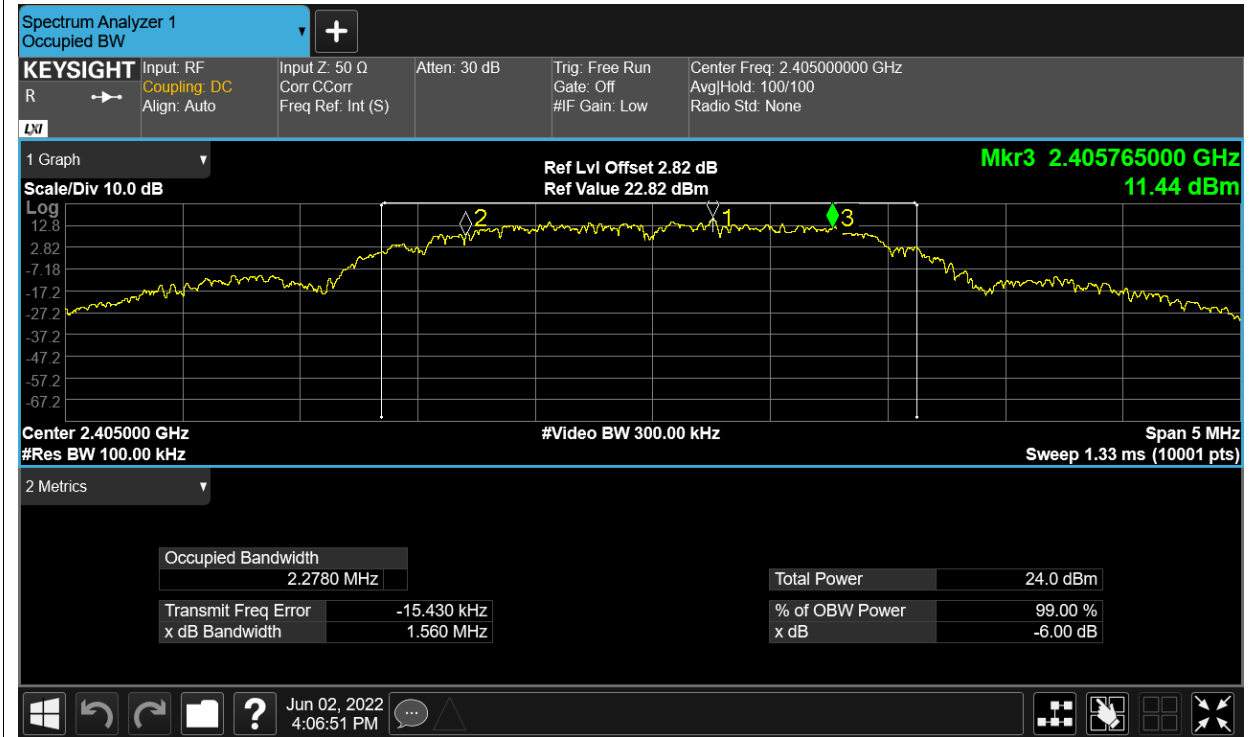


-6dB Bandwidth

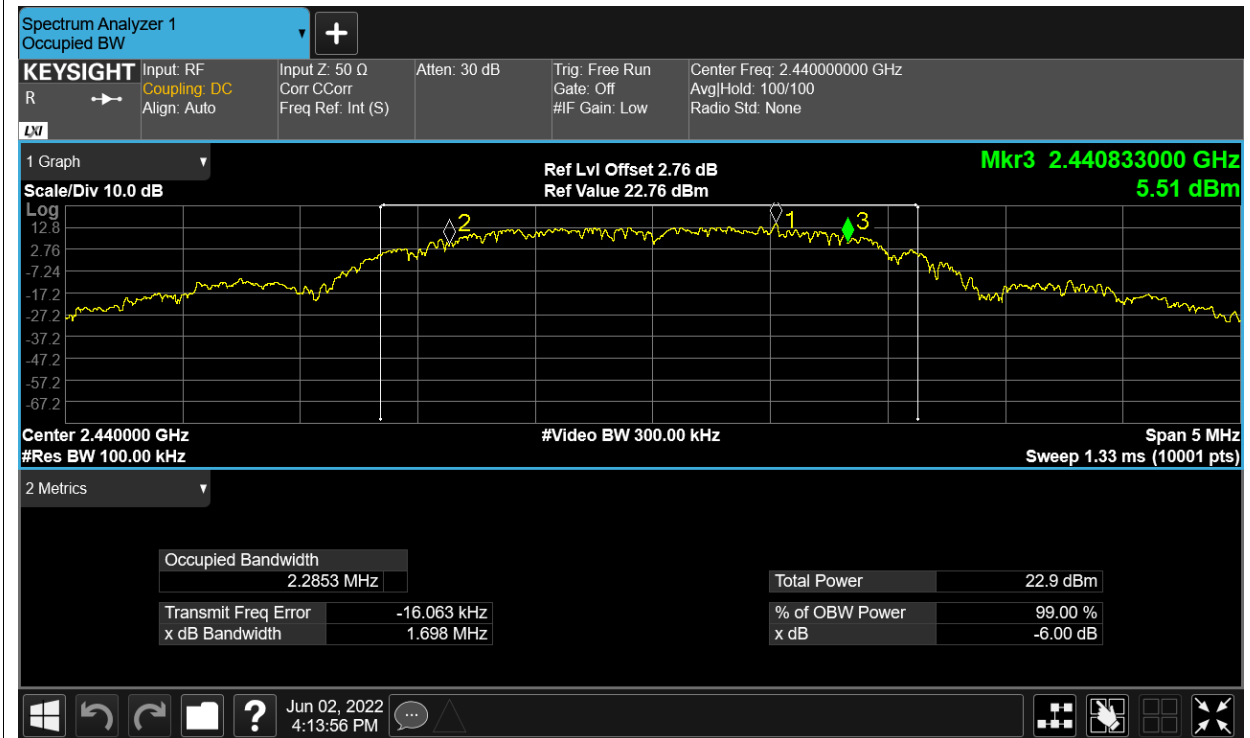
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	limit	Verdic
NVNT	Zigbee	2405	Ant1	1.56	0.5	Pass
NVNT	Zigbee	2440	Ant1	1.698	0.5	Pass
NVNT	Zigbee	2480	Ant1	1.74	0.5	Pass

Test Graphs

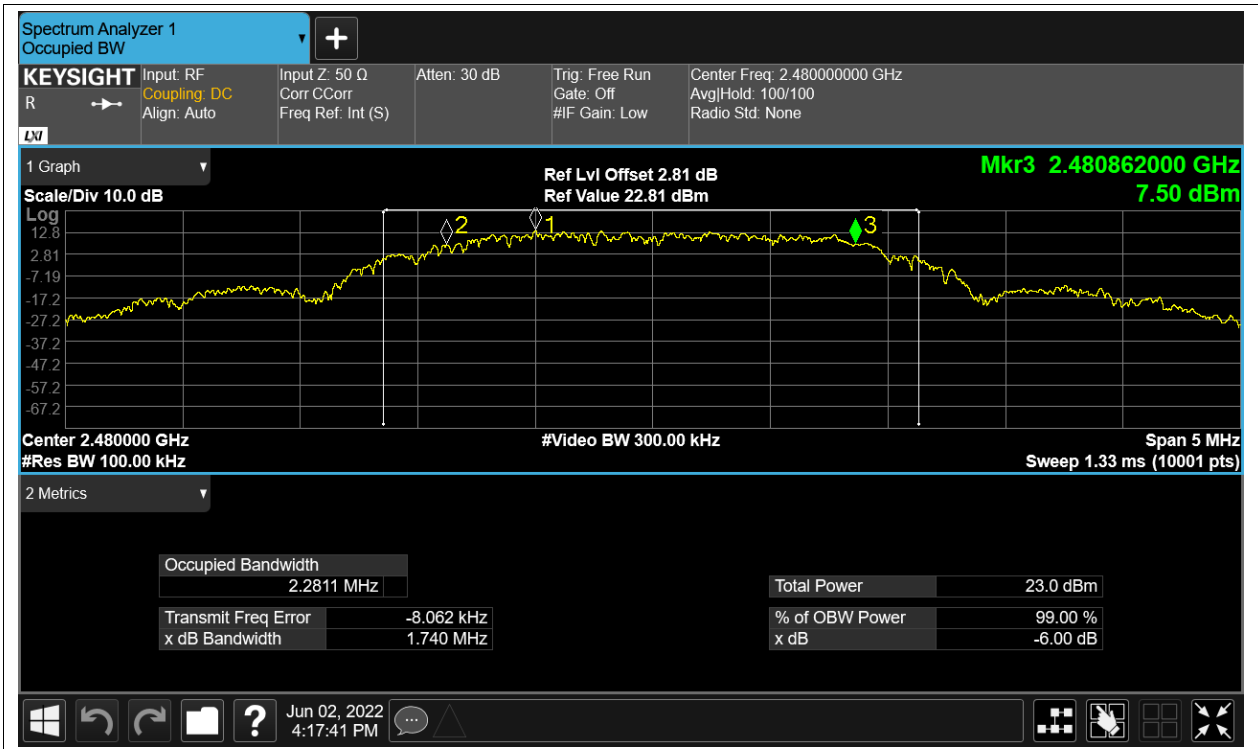
-6dB Bandwidth NVNT Zigbee 2405MHz Ant1



-6dB Bandwidth NVNT Zigbee 2440MHz Ant1



-6dB Bandwidth NVNT Zigbee 2480MHz Ant1

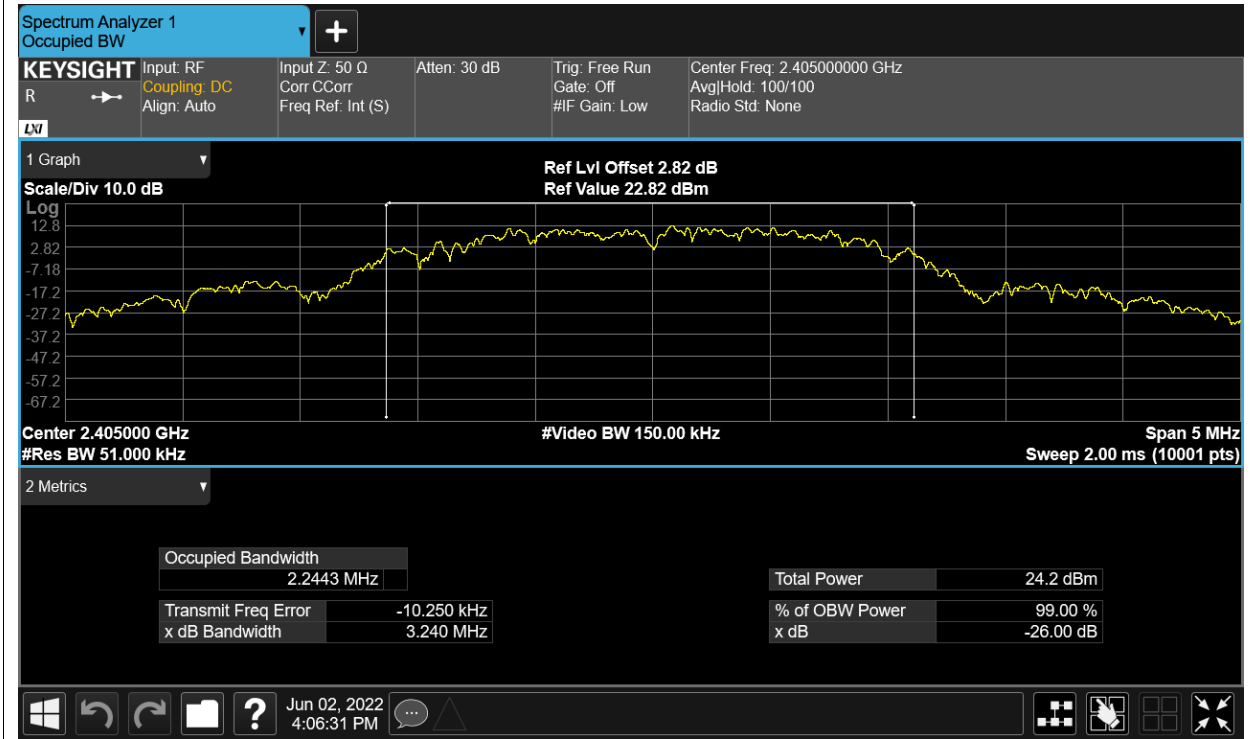


Occupied Channel Bandwidth

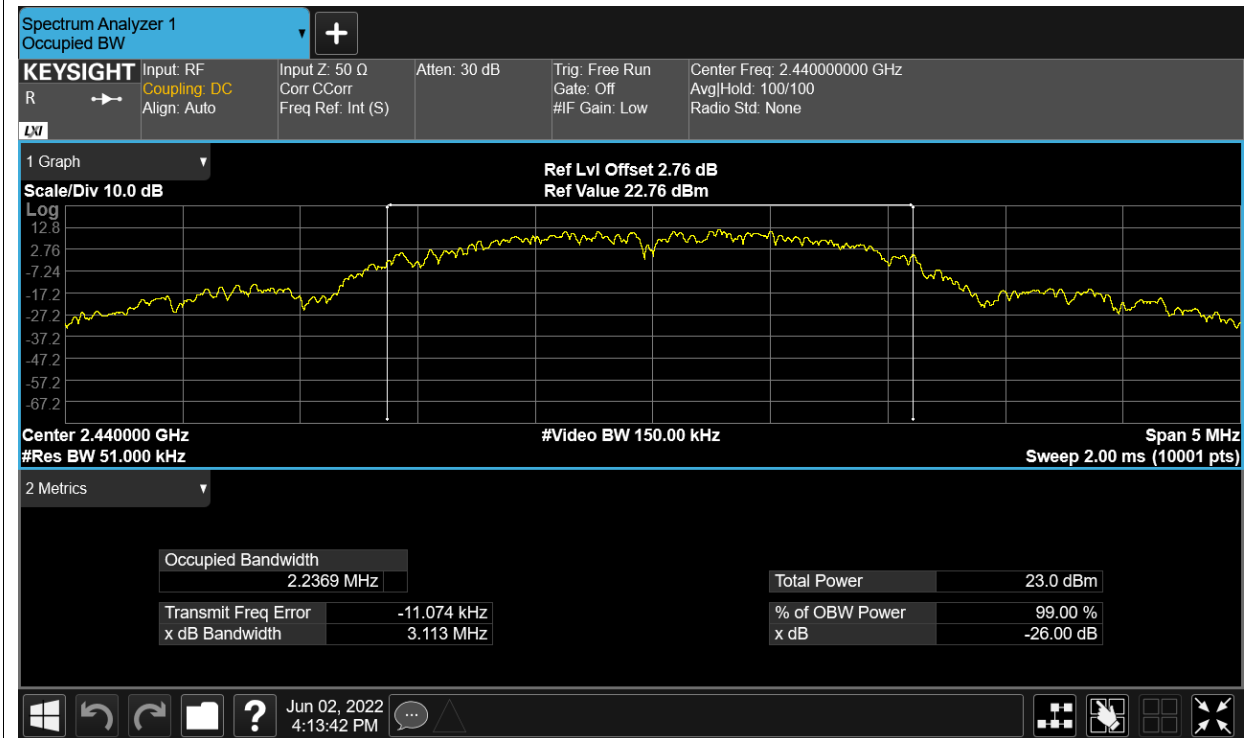
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	Zigbee	2405	Ant1	2.244299896
NVNT	Zigbee	2440	Ant1	2.236898985
NVNT	Zigbee	2480	Ant1	2.236850191

Test Graphs

OBW NVNT Zigbee 2405MHz Ant1



OBW NVNT Zigbee 2440MHz Ant1



OBW NVNT Zigbee 2480MHz Ant1

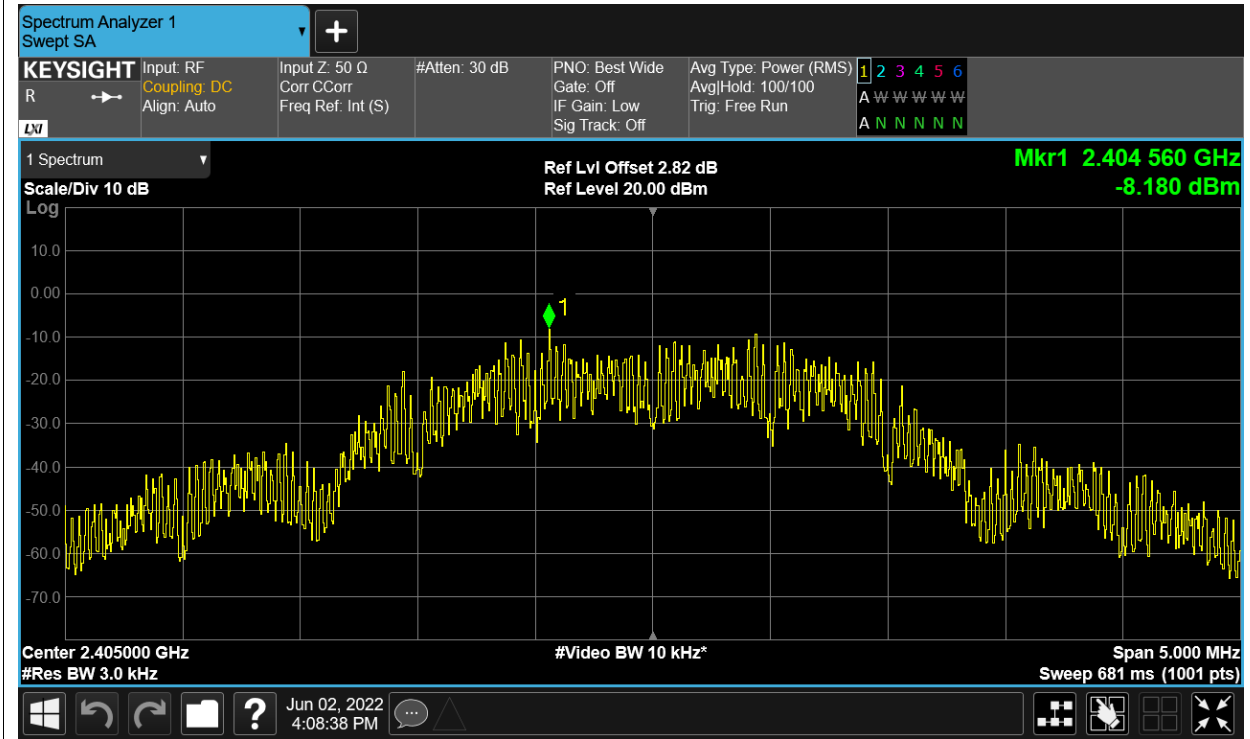


Maximum Power Spectral Density Level

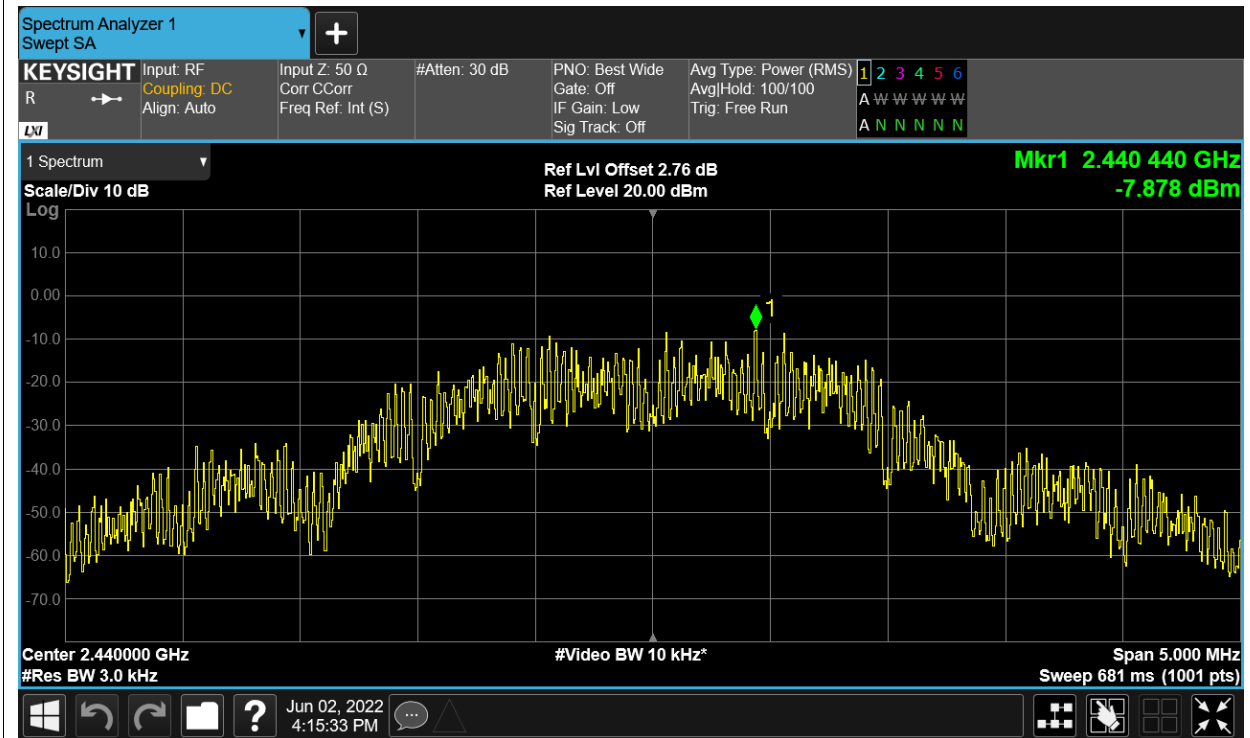
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	Zigbee	2405	Ant1	-8.18	8	Pass
NVNT	Zigbee	2440	Ant1	-7.878	8	Pass
NVNT	Zigbee	2480	Ant1	-9.036	8	Pass

Test Graphs

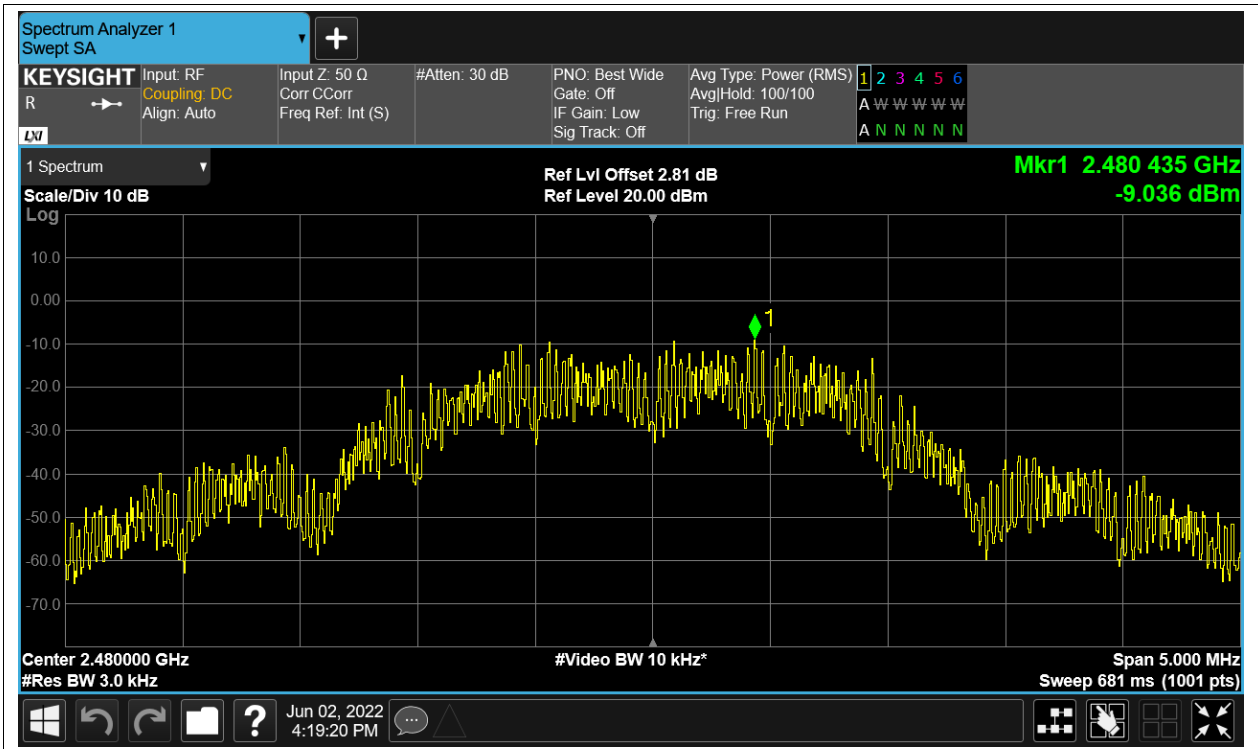
PSD NVNT Zigbee 2405MHz Ant1



PSD NVNT Zigbee 2440MHz Ant1



PSD NVNT Zigbee 2480MHz Ant1

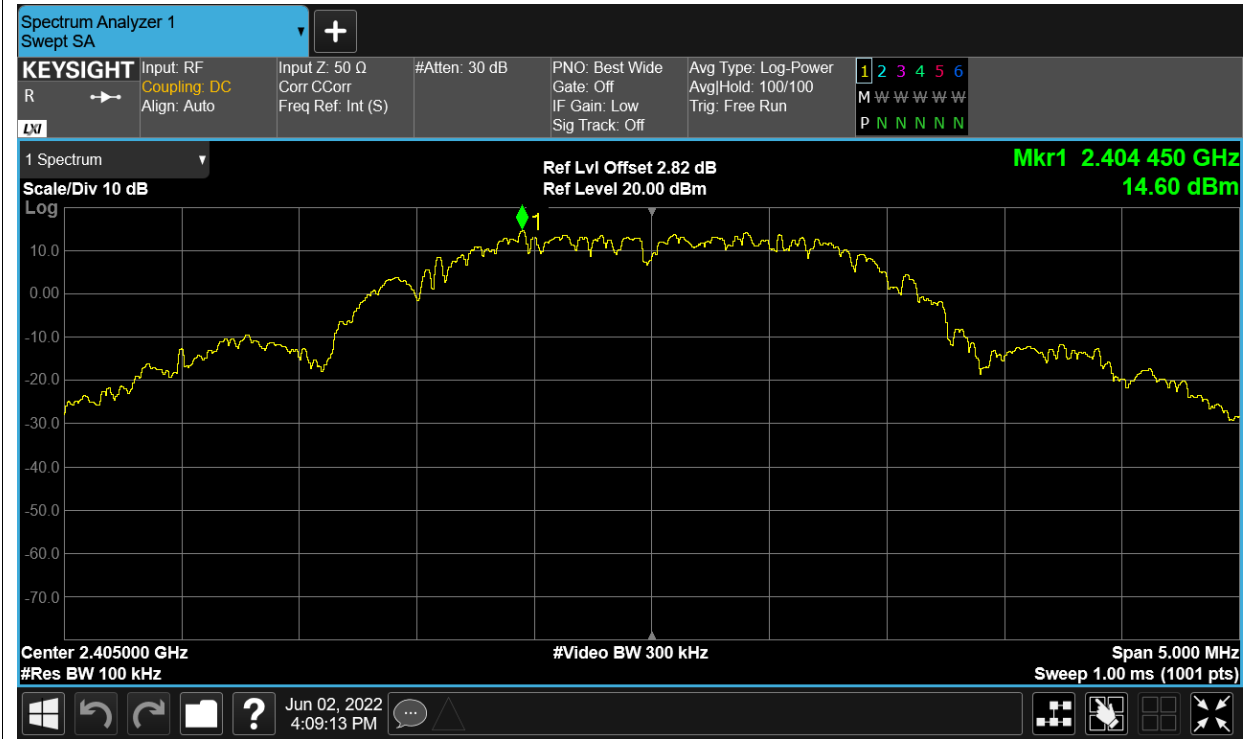


Band Edge

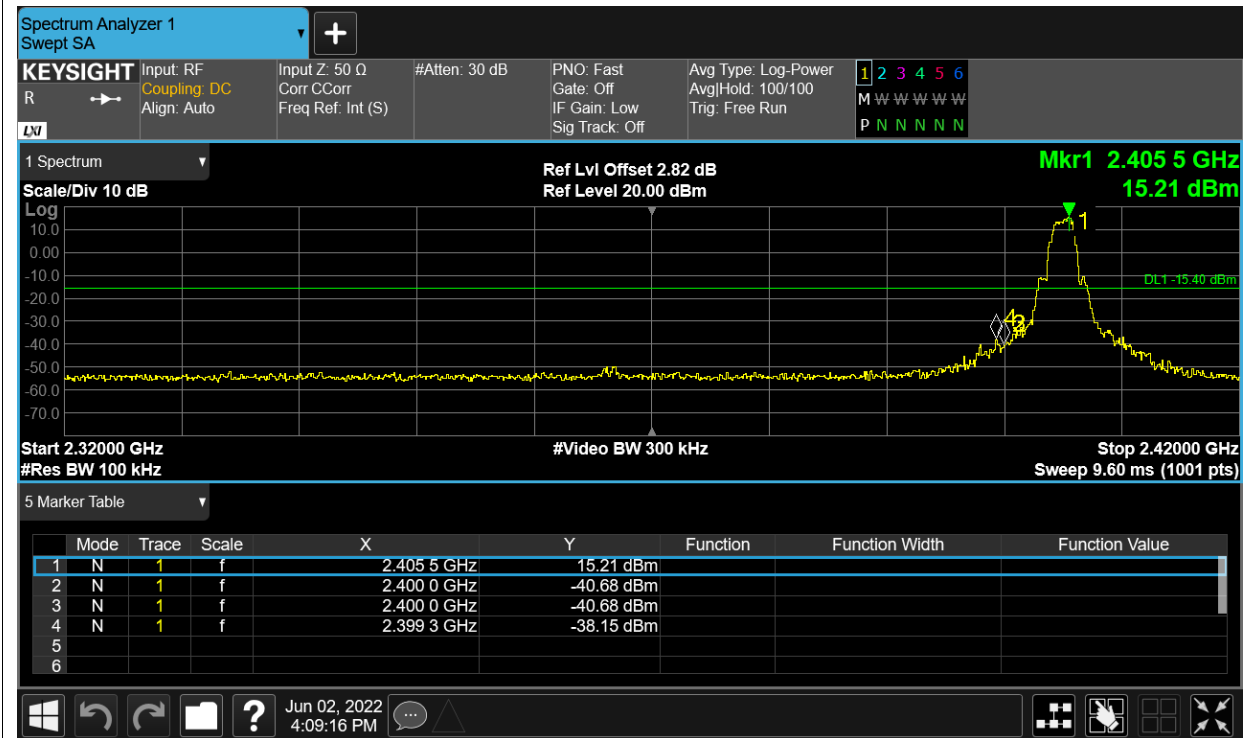
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	Zigbee	2405	Ant1	-52.75	-30	Pass
NVNT	Zigbee	2480	Ant1	-48.78	-30	Pass

Test Graphs

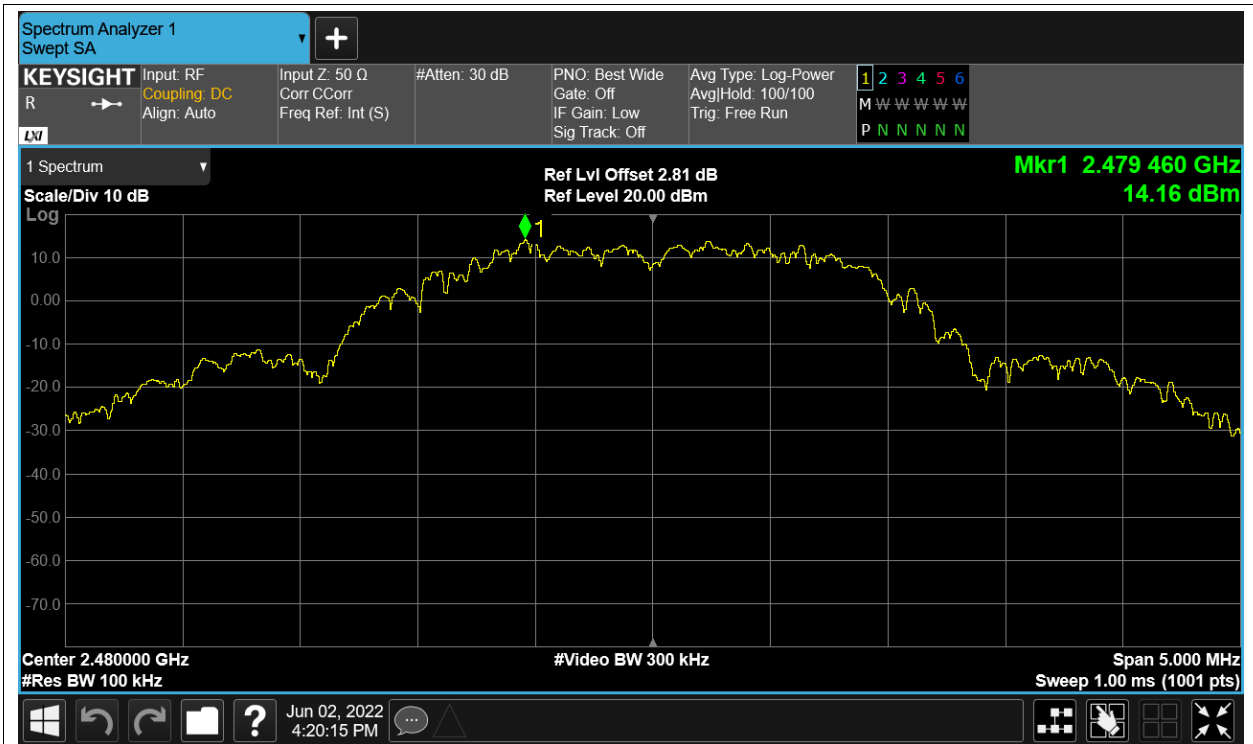
Band Edge NVNT Zigbee 2405MHz Ant1 Ref



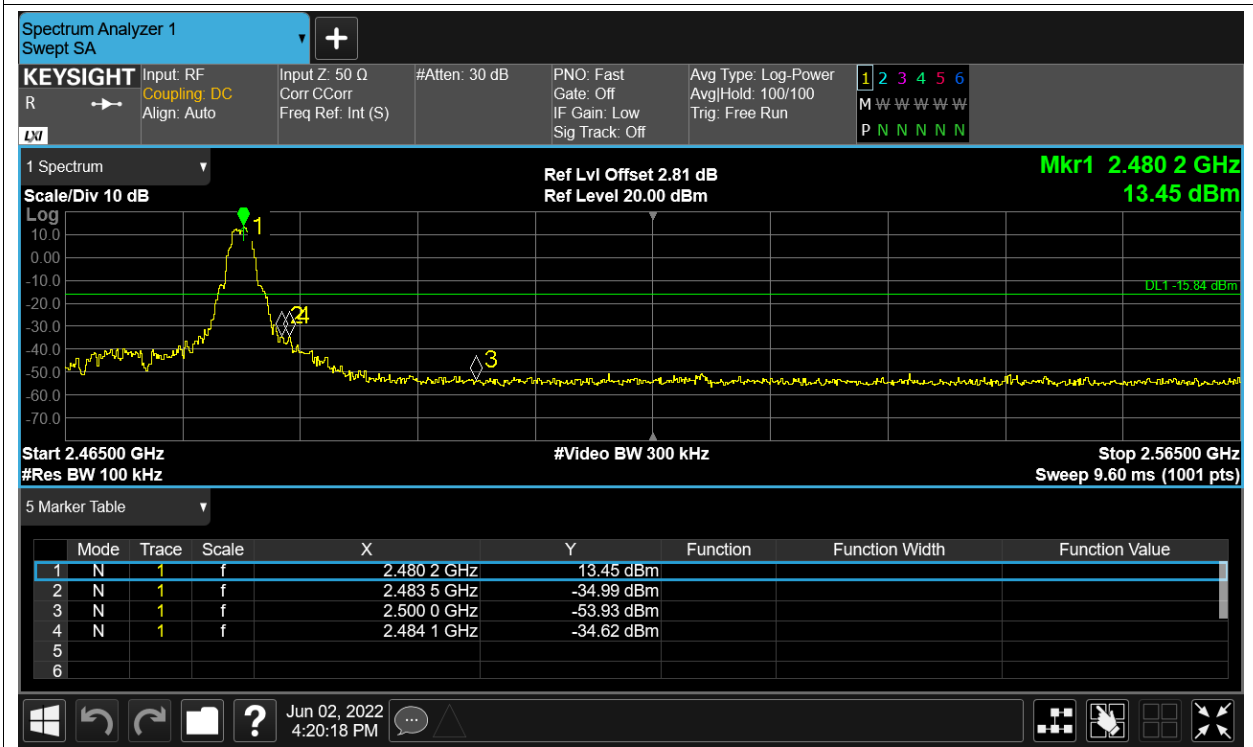
Band Edge NVNT Zigbee 2405MHz Ant1 Emission



Band Edge NVNT Zigbee 2480MHz Ant1 Ref



Band Edge NVNT Zigbee 2480MHz Ant1 Emission

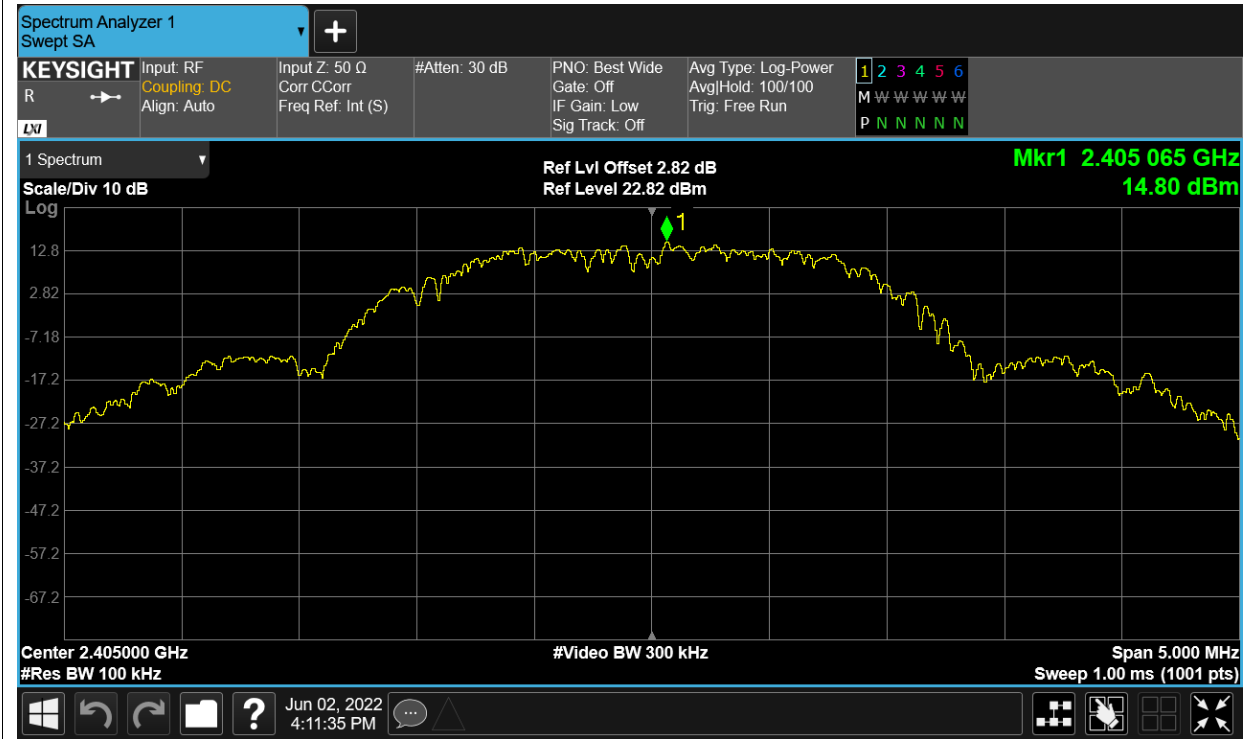


Conducted RF Spurious Emission

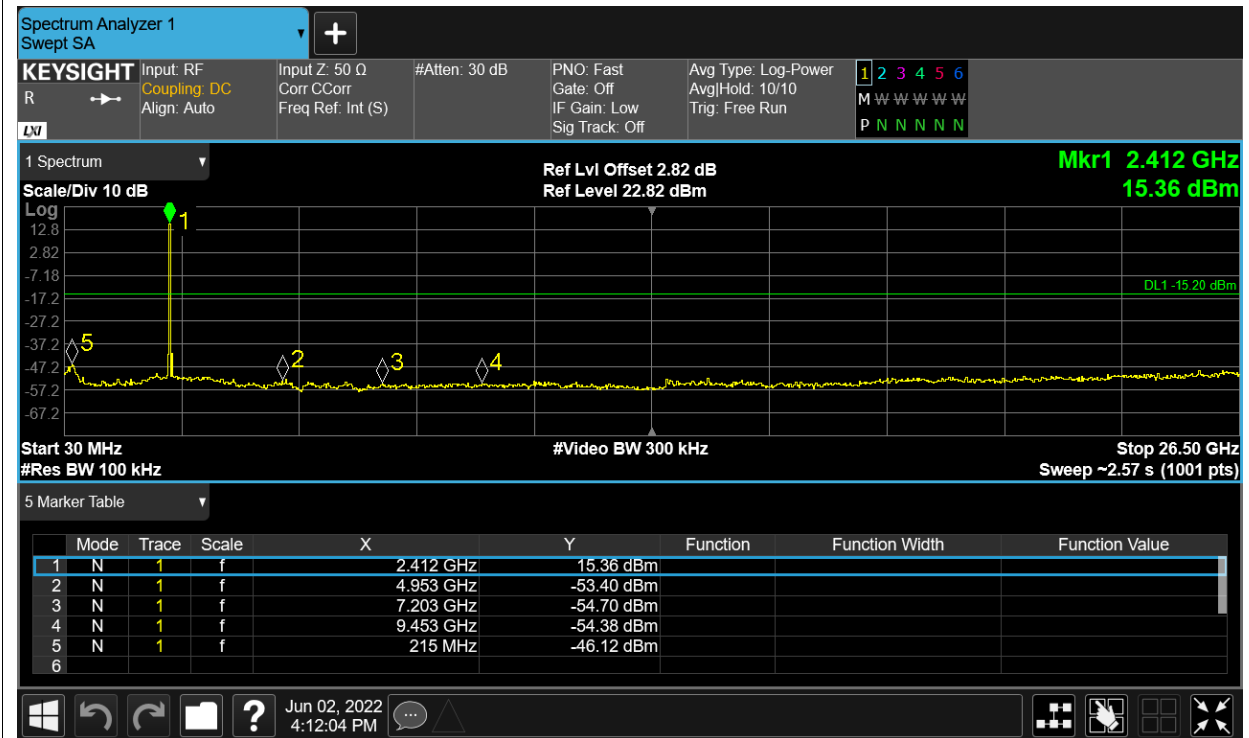
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	Zigbee	2405	Ant1	-60.92	-30	Pass
NVNT	Zigbee	2440	Ant1	-61.05	-30	Pass
NVNT	Zigbee	2480	Ant1	-59.71	-30	Pass

Test Graphs

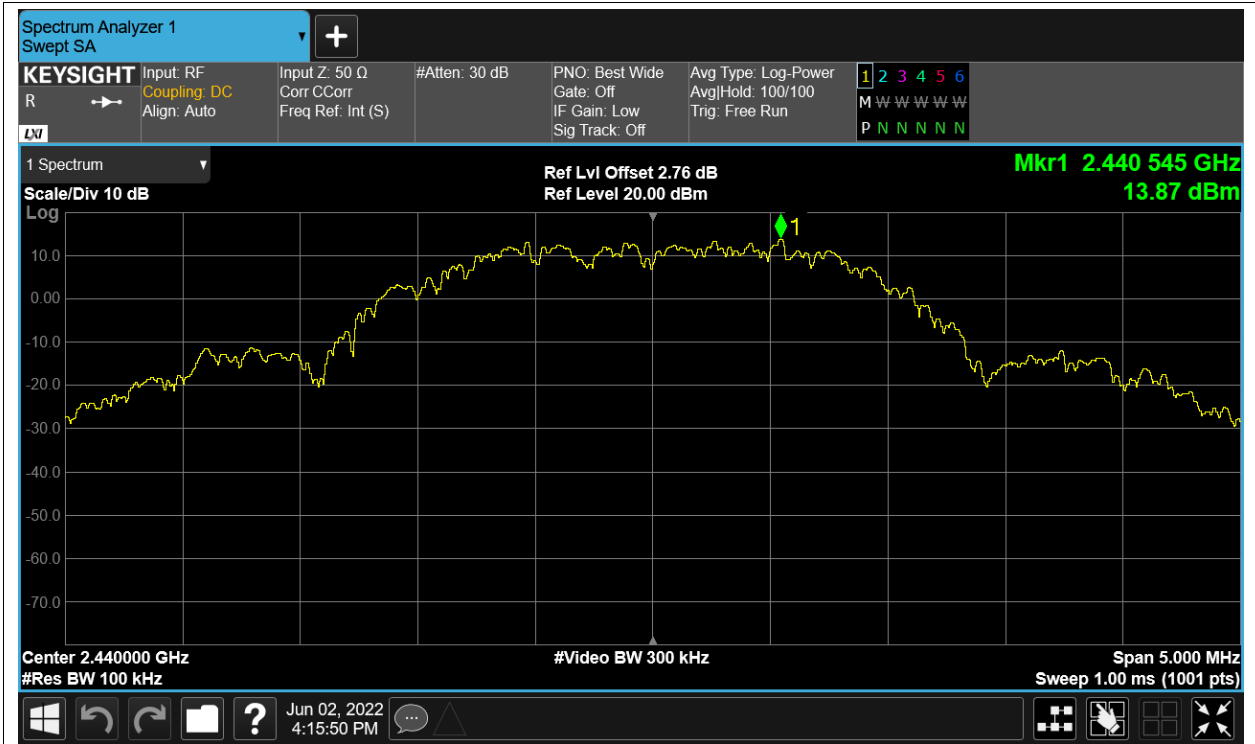
Tx. Spurious NVNT Zigbee 2405MHz Ant1 Ref



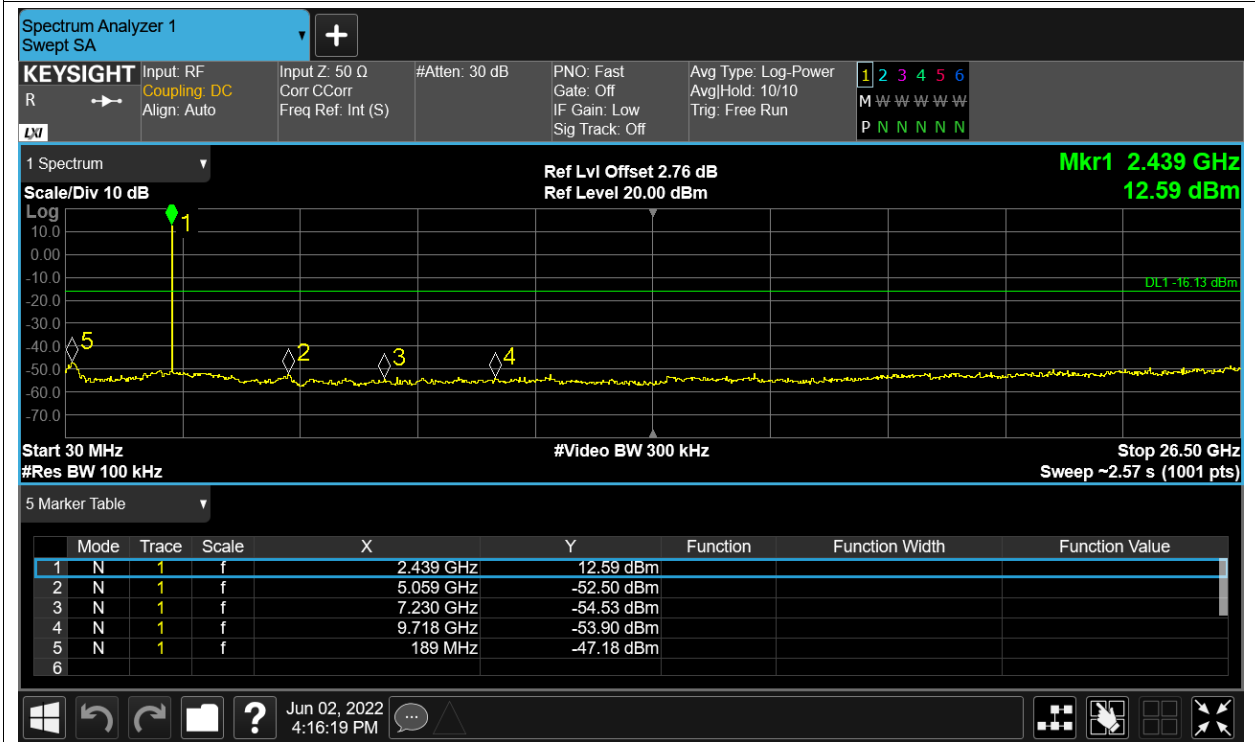
Tx. Spurious NVNT Zigbee 2405MHz Ant1 Emission



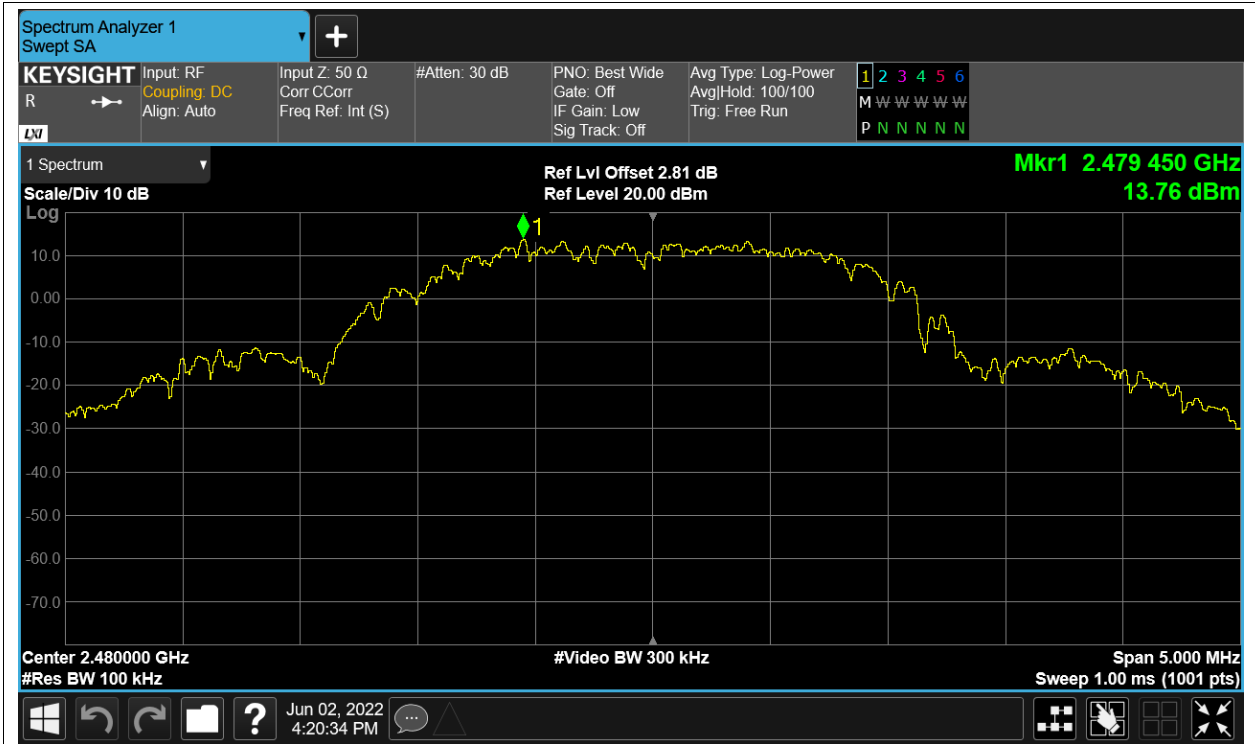
Tx. Spurious NVNT Zigbee 2440MHz Ant1 Ref



Tx. Spurious NVNT Zigbee 2440MHz Ant1 Emission



Tx. Spurious NVNT Zigbee 2480MHz Ant1 Ref



Tx. Spurious NVNT Zigbee 2480MHz Ant1 Emission

