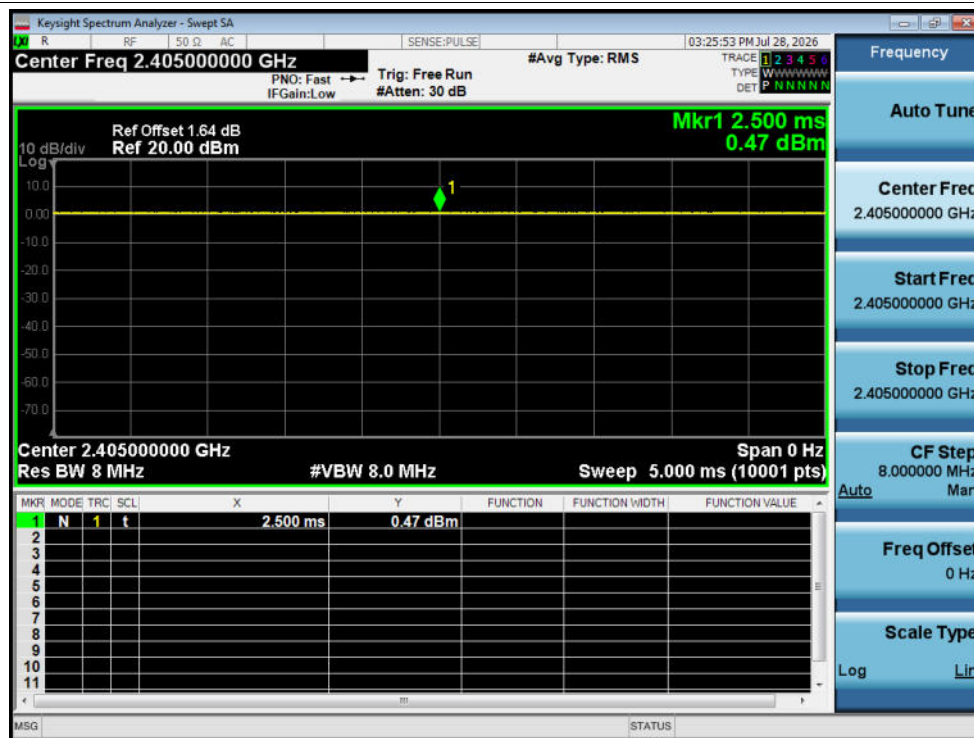
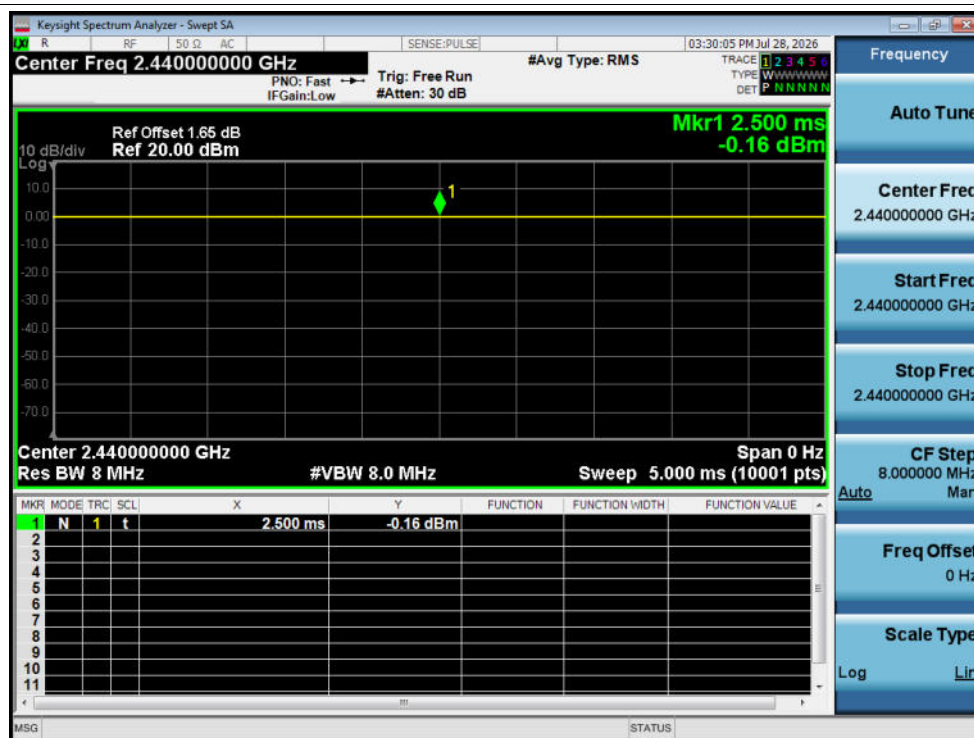


Duty Cycle

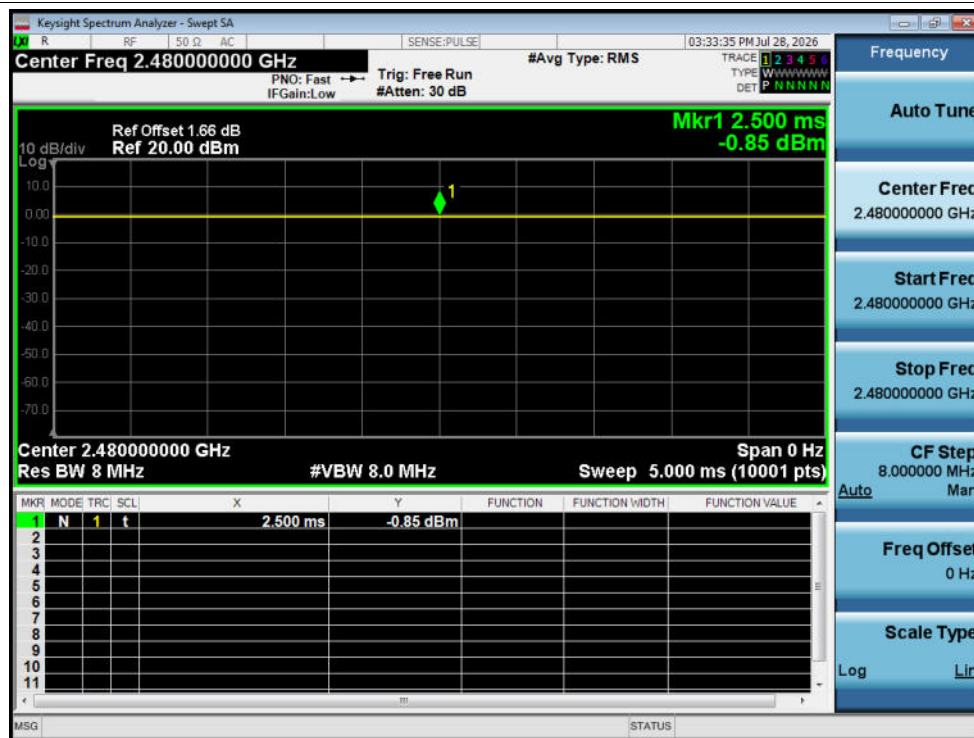
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	Zigbee	2405	Ant1	100	0	0
NVNT	Zigbee	2440	Ant1	100	0	0
NVNT	Zigbee	2480	Ant1	100	0	0



Duty Cycle NVNT Zigbee 2405MHz Ant1



Duty Cycle NVNT Zigbee 2440MHz Ant1



Duty Cycle NVNT Zigbee 2480MHz Ant1

Maximum Peak Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit Conducted(dBm)	Verdict
NVNT	Zigbee	2405	Ant1	9.77	30	Pass
NVNT	Zigbee	2440	Ant1	9.62	30	Pass
NVNT	Zigbee	2480	Ant1	9.59	30	Pass



Peak Power NVNT Zigbee 2405MHz Ant1



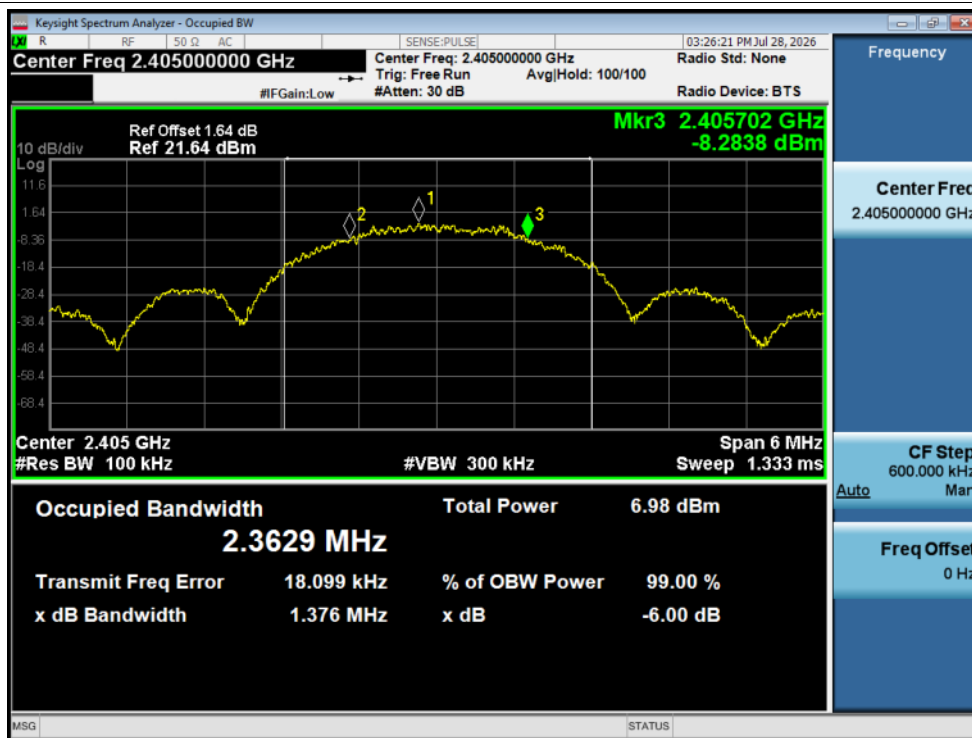
Peak Power NVNT Zigbee 2440MHz Ant1



Peak Power NVNT Zigbee 2480MHz Ant1

-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	Zigbee	2405	Ant1	1.376	0.5	Pass
NVNT	Zigbee	2440	Ant1	1.567	0.5	Pass
NVNT	Zigbee	2480	Ant1	1.289	0.5	Pass



-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	2.3286
NVNT	Zigbee	2440	Ant1	2.343
NVNT	Zigbee	2480	Ant1	2.3538



OBW NVNT Zigbee 2405MHz Ant1



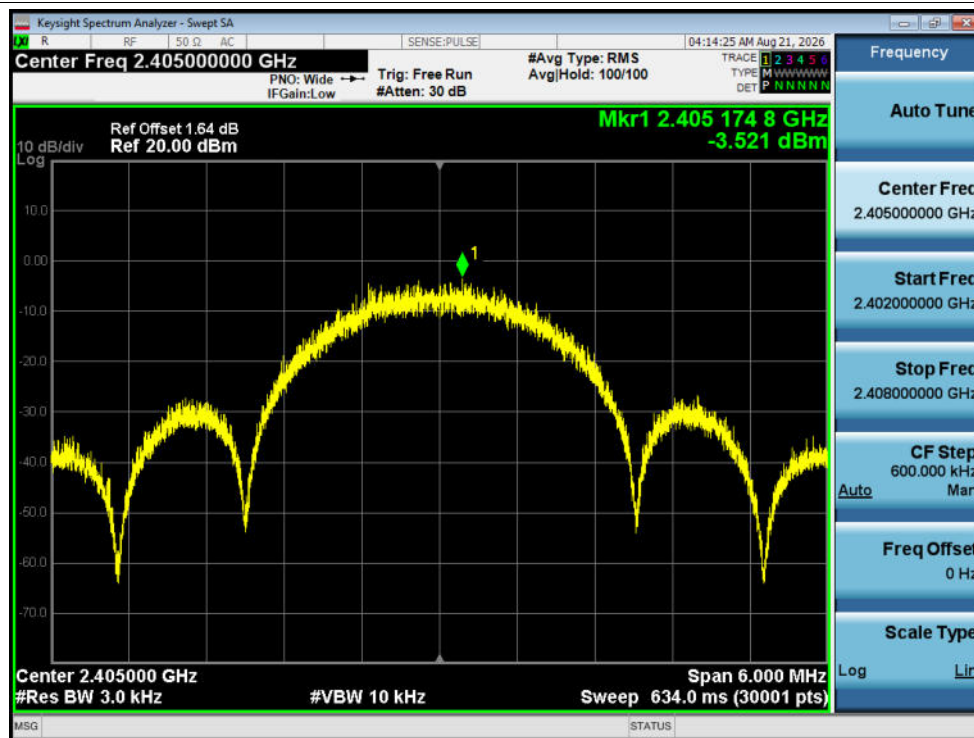
OBW NVNT Zigbee 2440MHz Ant1



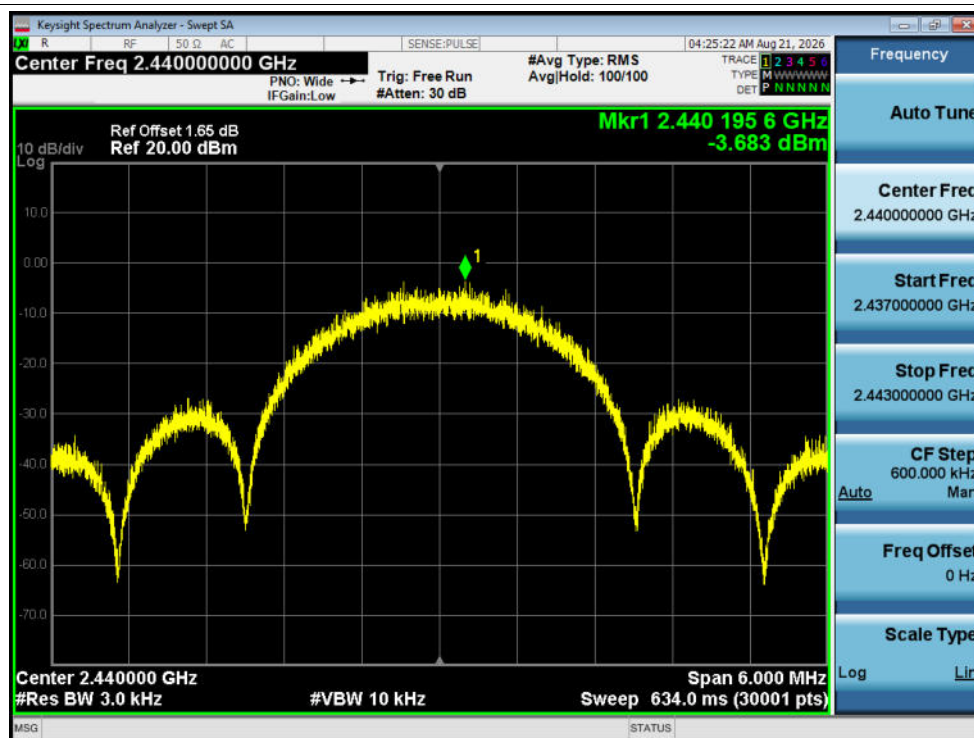
OBW NVNT Zigbee 2480MHz Ant1

Maximum Power Spectral Density Level

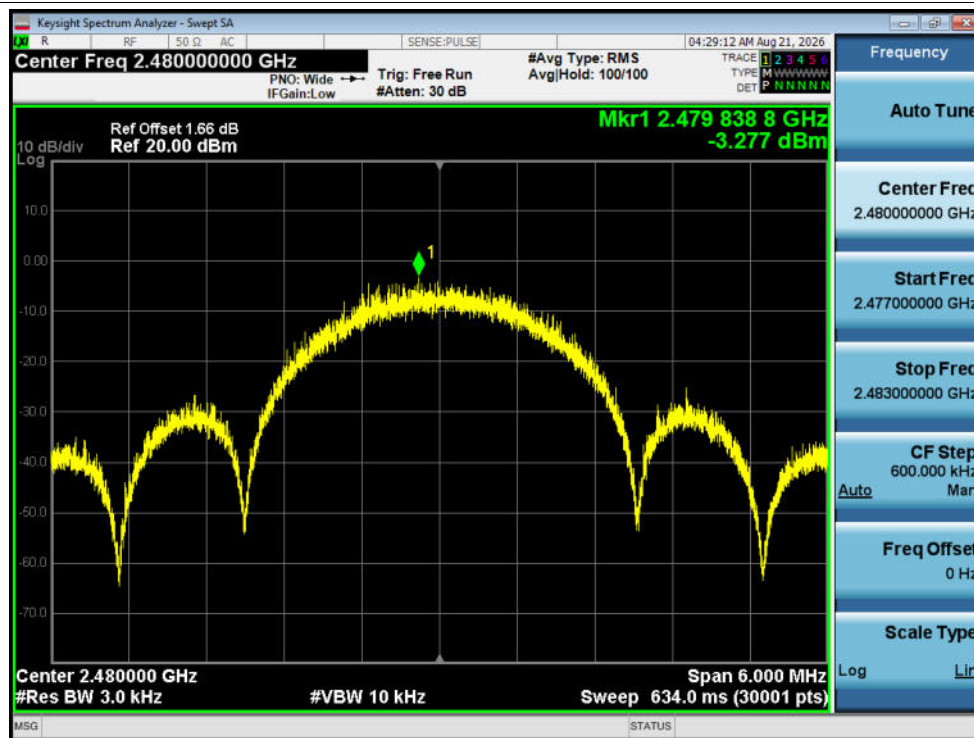
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	Zigbee	2405	Ant1	-3.52	8	Pass
NVNT	Zigbee	2440	Ant1	-3.68	8	Pass
NVNT	Zigbee	2480	Ant1	-3.28	8	Pass



PSD NVNT Zigbee 2405MHz Ant1



PSD NVNT Zigbee 2440MHz Ant1



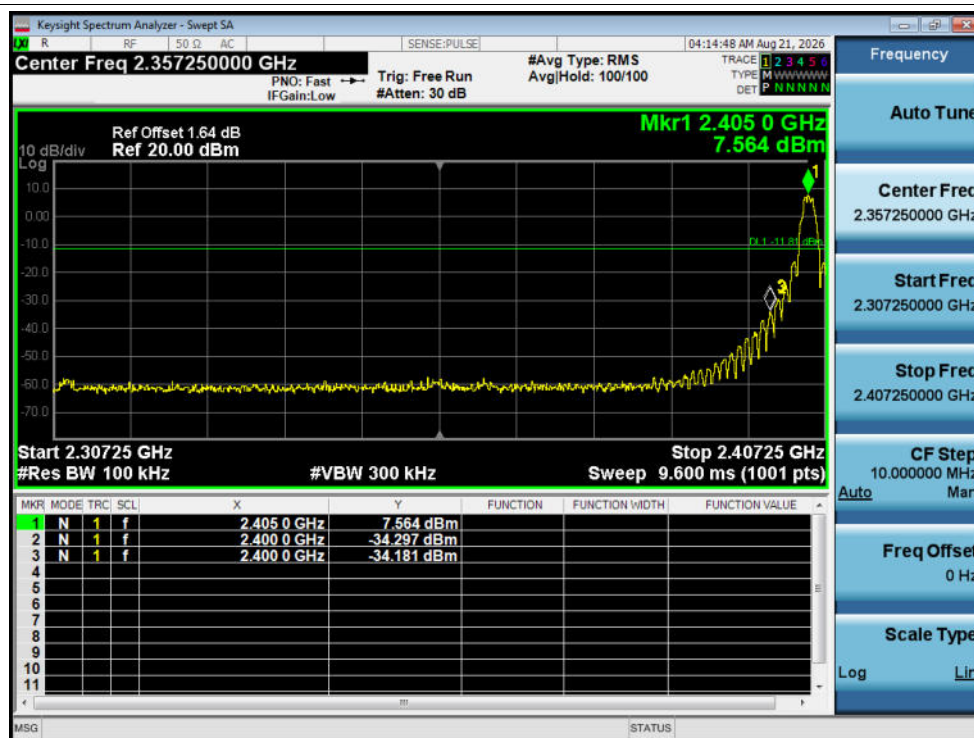
PSD NVNT Zigbee 2480MHz Ant1

Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	Zigbee	2405	Ant1	-42.37	-20	Pass
NVNT	Zigbee	2480	Ant1	-37.8	-20	Pass



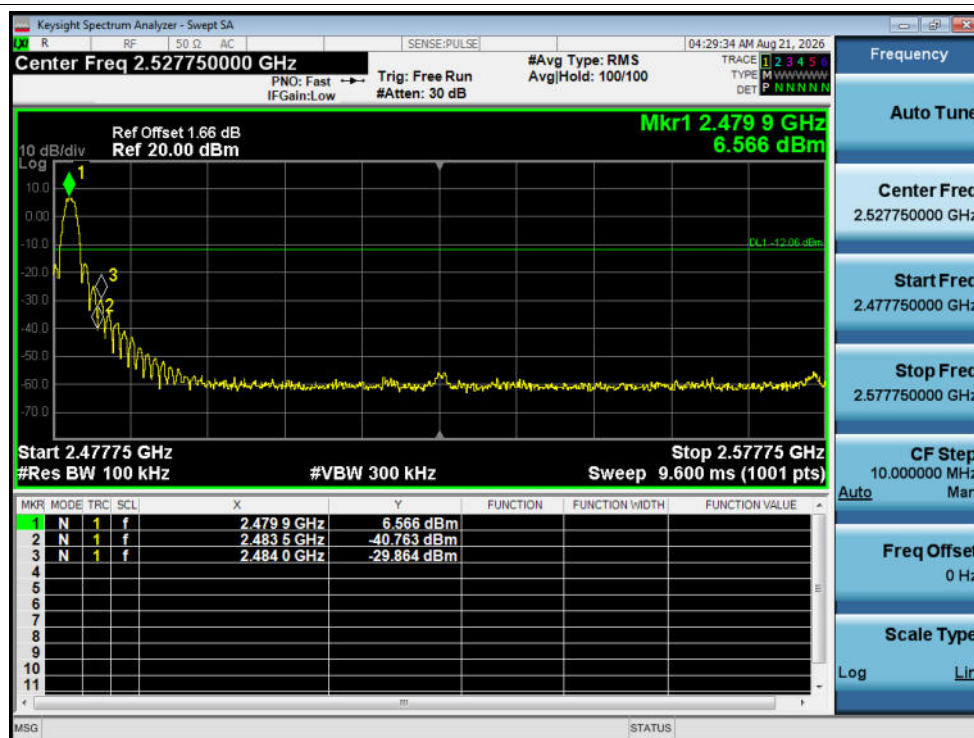
Band Edge NVNT Zigbee 2405MHz Ant1 Ref



Band Edge NVNT Zigbee 2405MHz Ant1 Emission



Band Edge NVNT Zigbee 2480MHz Ant1 Ref



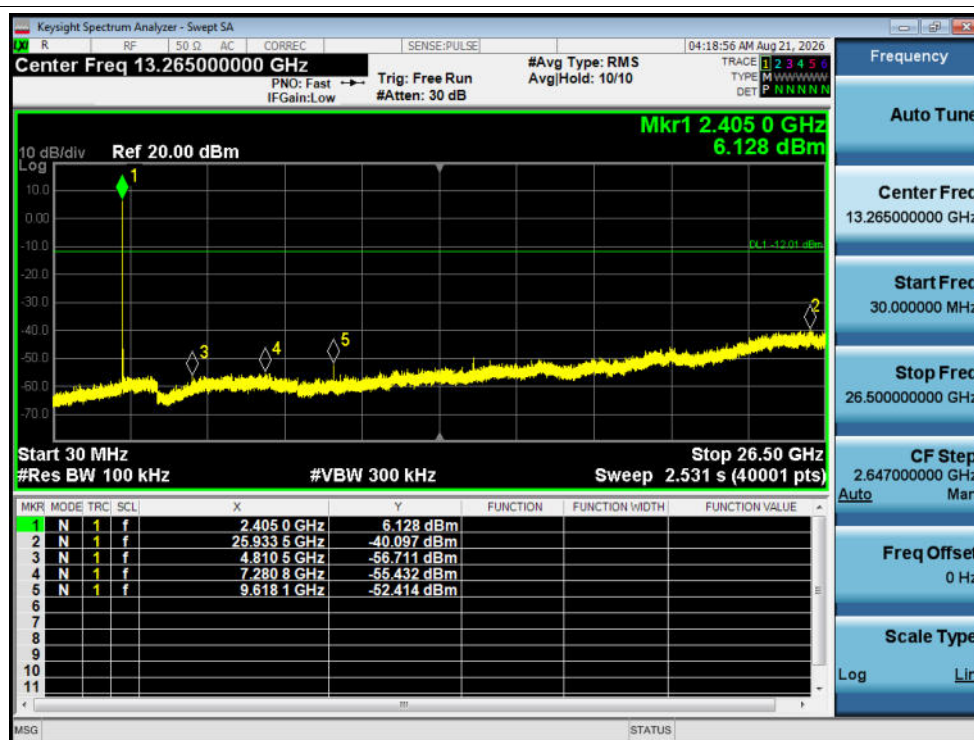
Band Edge NVNT Zigbee 2480MHz Ant1 Emission

Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	Zigbee	2405	Ant1	-48.09	-20	Pass
NVNT	Zigbee	2440	Ant1	-48.06	-20	Pass
NVNT	Zigbee	2480	Ant1	-47.55	-20	Pass



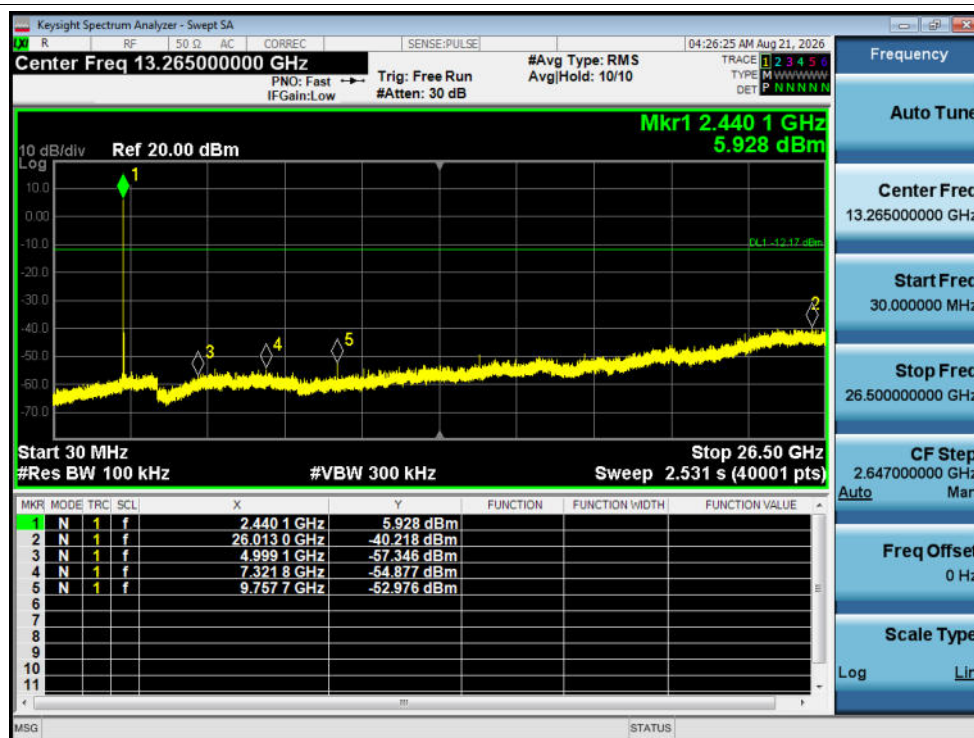
Tx. Spurious NVNT Zigbee 2405MHz Ant1 Ref



Tx. Spurious NVNT Zigbee 2405MHz Ant1 Emission



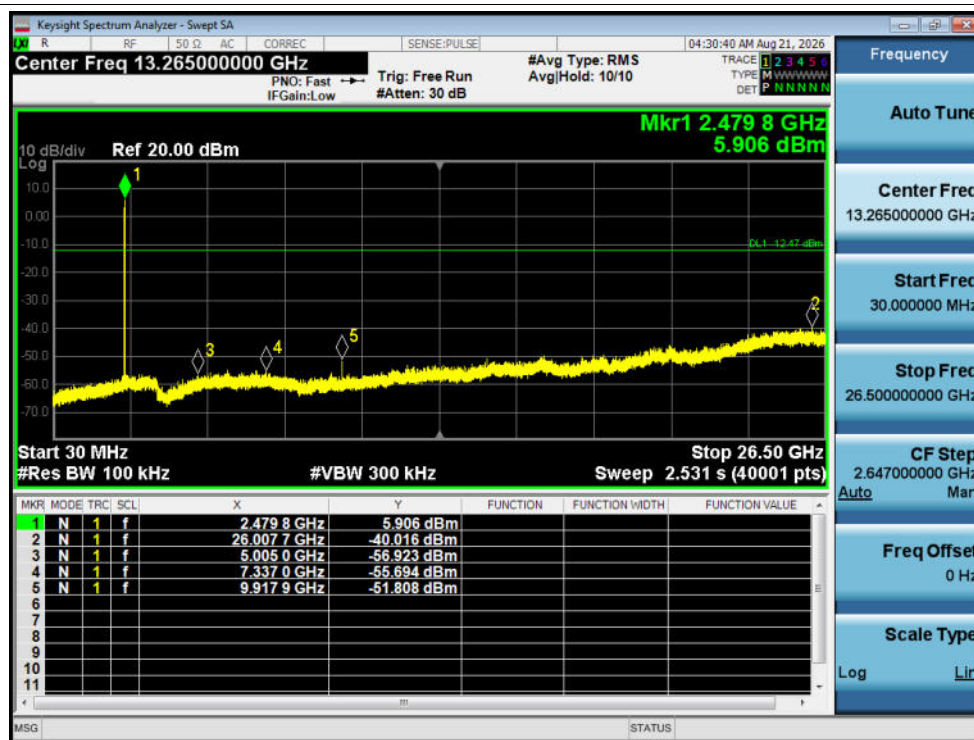
Tx. Spurious NVNT Zigbee 2440MHz Ant1 Ref



Tx. Spurious NVNT Zigbee 2440MHz Ant1 Emission



Tx. Spurious NVNT Zigbee 2480MHz Ant1 Ref



Tx. Spurious NVNT Zigbee 2480MHz Ant1 Emission

Note: For all conducted spurious emissions measurements, the offset from cable loss and test system for whole test band was applied to the measurement result.