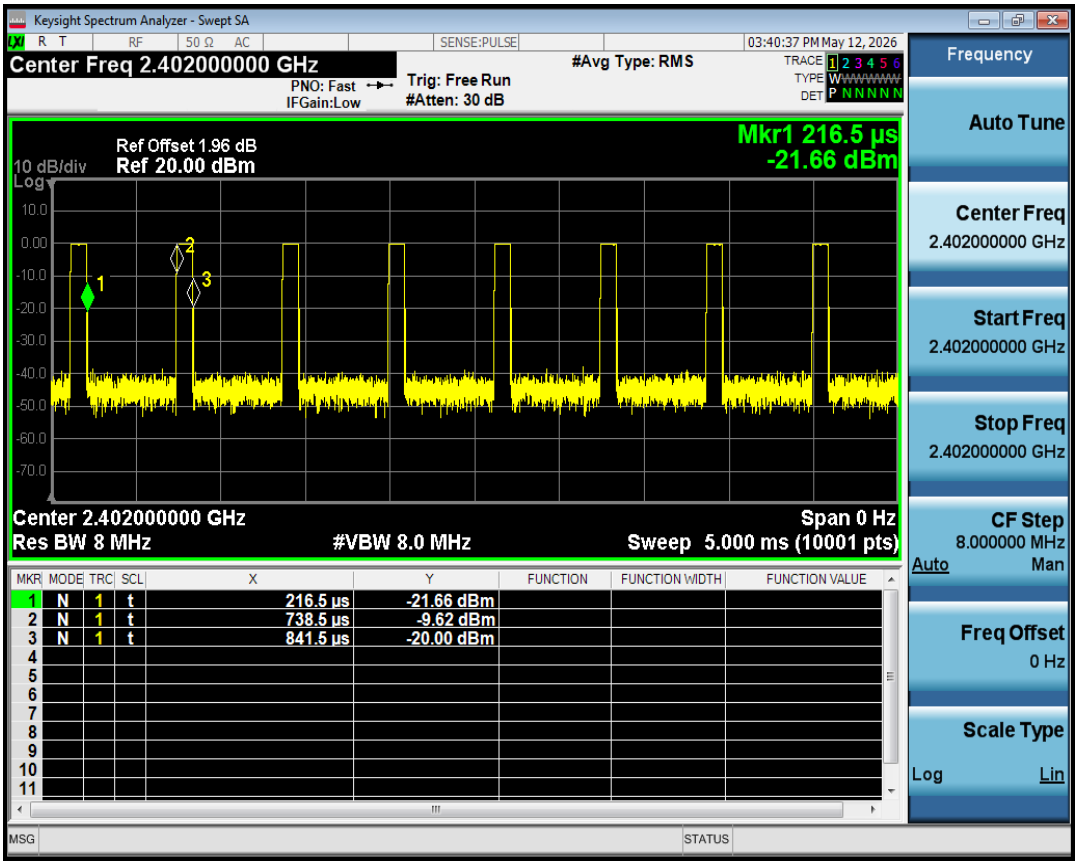
RF Test Data

FCC ID:2ASCB-DH03214G

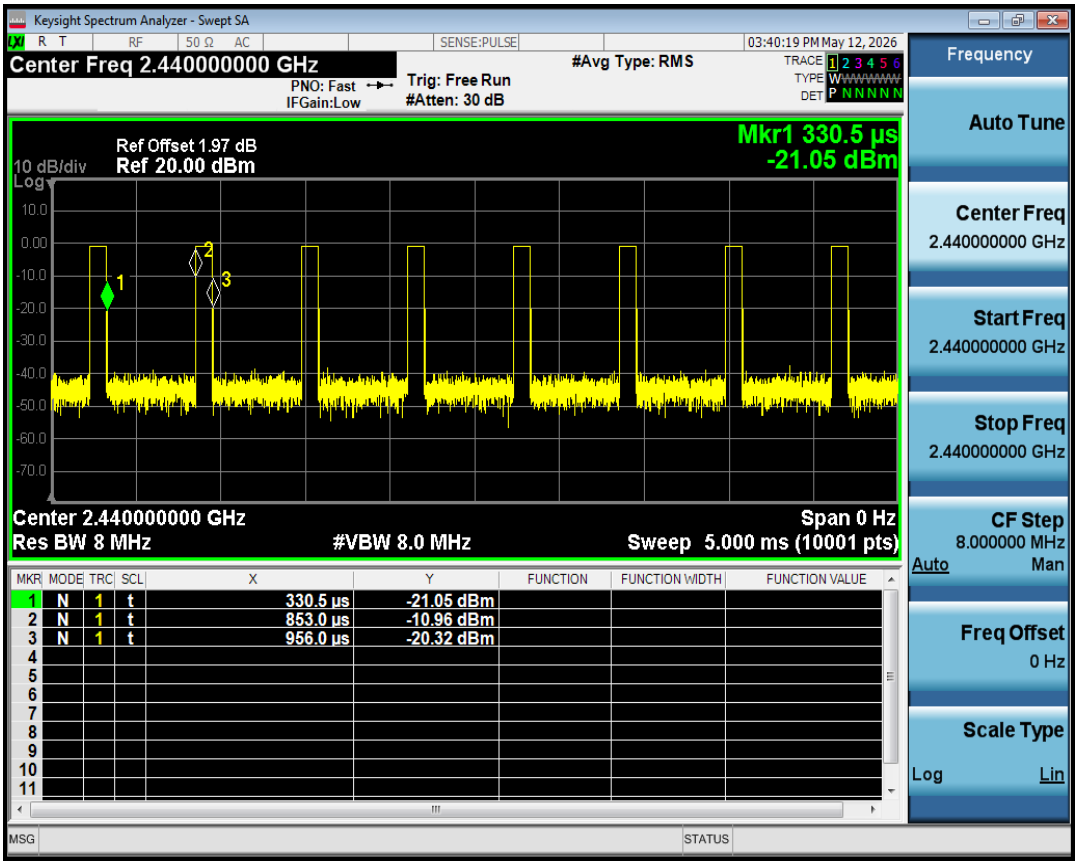
Duty Cycle 2
Maximum Peak Conducted Output Power 5
-6dB Bandwidth 8
Occupied Channel Bandwidth 11
Maximum Power Spectral Density Level 14
Band Edge 17
Conducted RF Spurious Emission 20

Duty Cycle

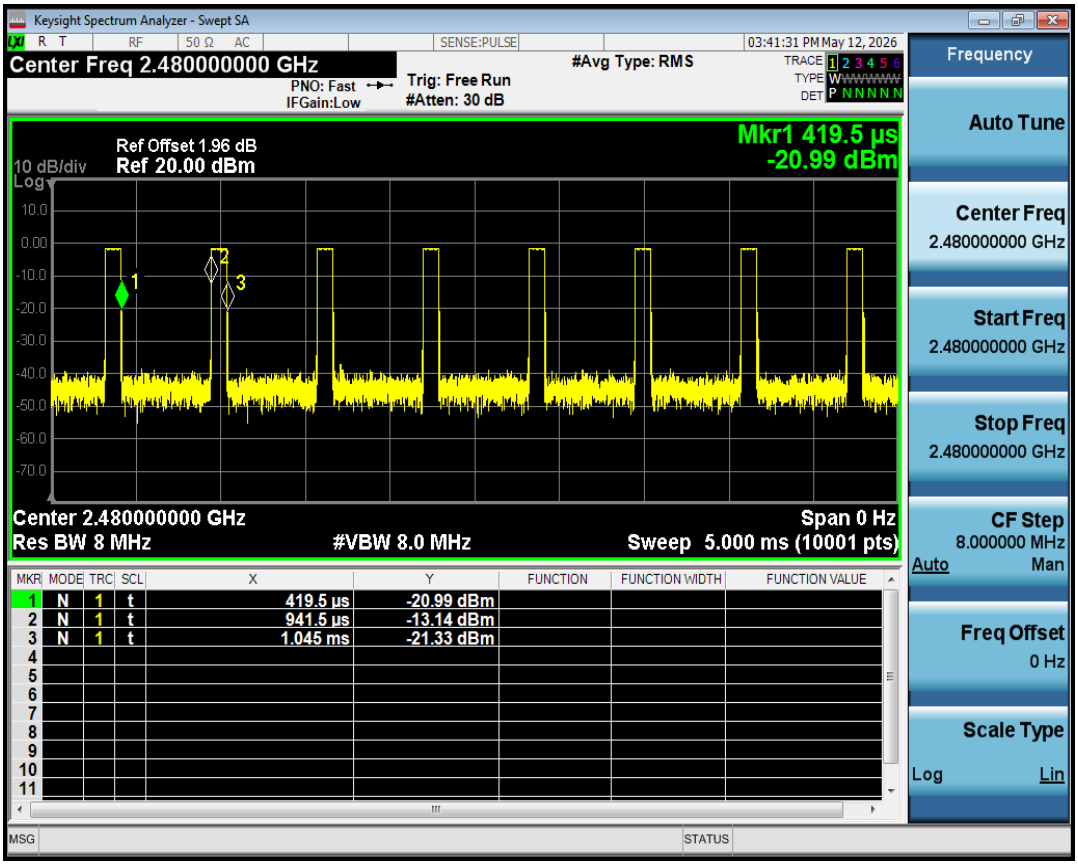
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	BLE 1M	2402	Ant1	16.48	7.83	9.71
NVNT	BLE 1M	2440	Ant1	16.47	7.83	9.71
NVNT	BLE 1M	2480	Ant1	16.48	7.83	9.71



Duty Cycle NVNT BLE 1M 2402MHz Ant1



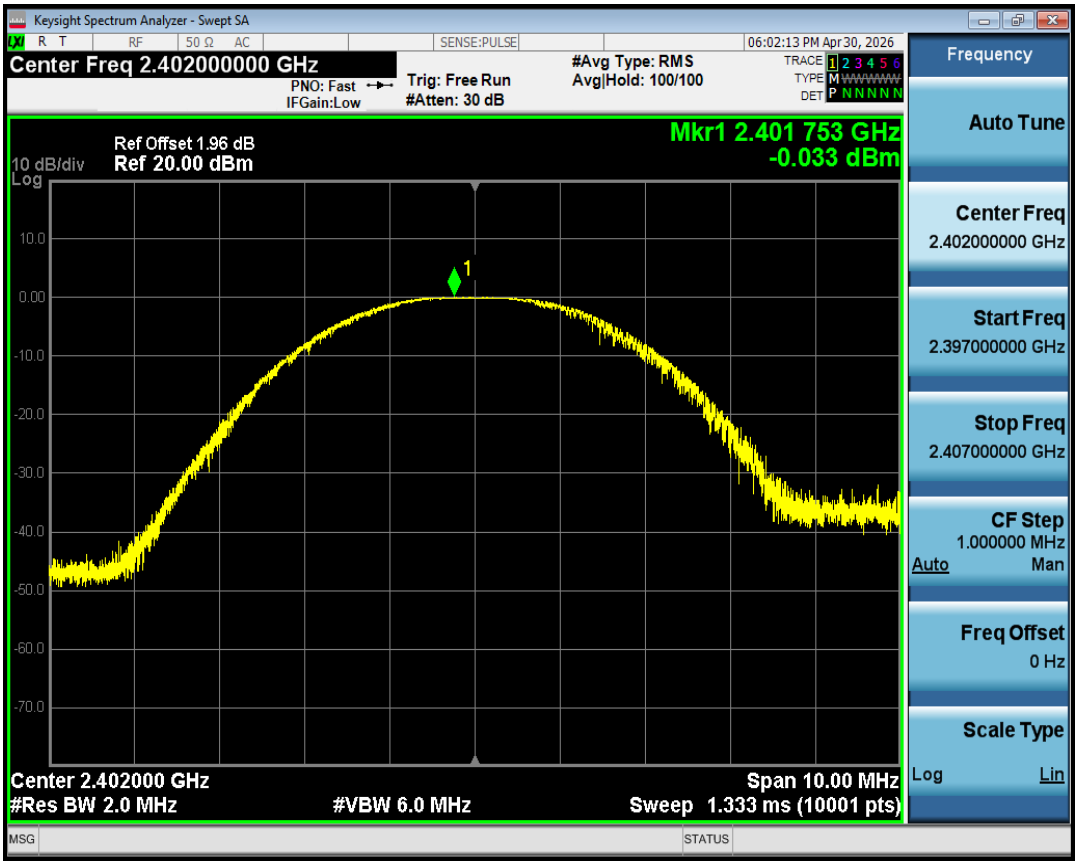
Duty Cycle NVNT BLE 1M 2440MHz Ant1



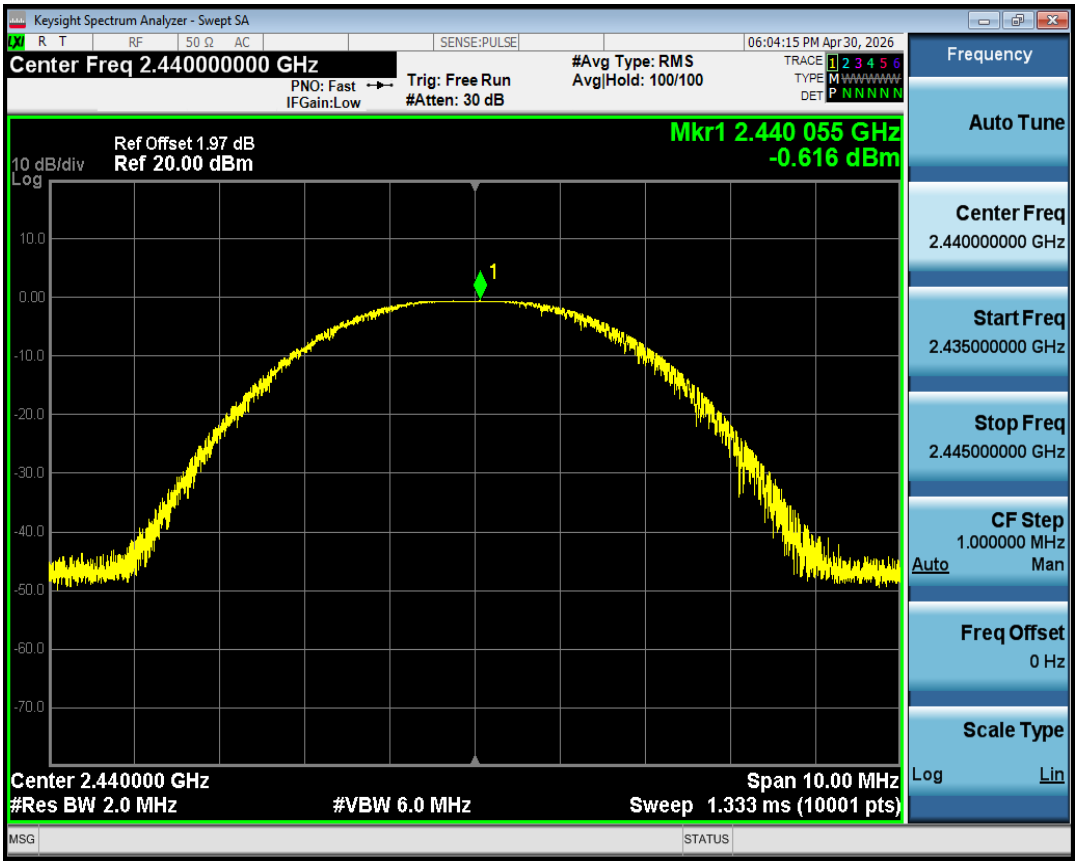
Duty Cycle NVNT BLE 1M 2480MHz Ant1

Maximum Peak Conducted Output Power

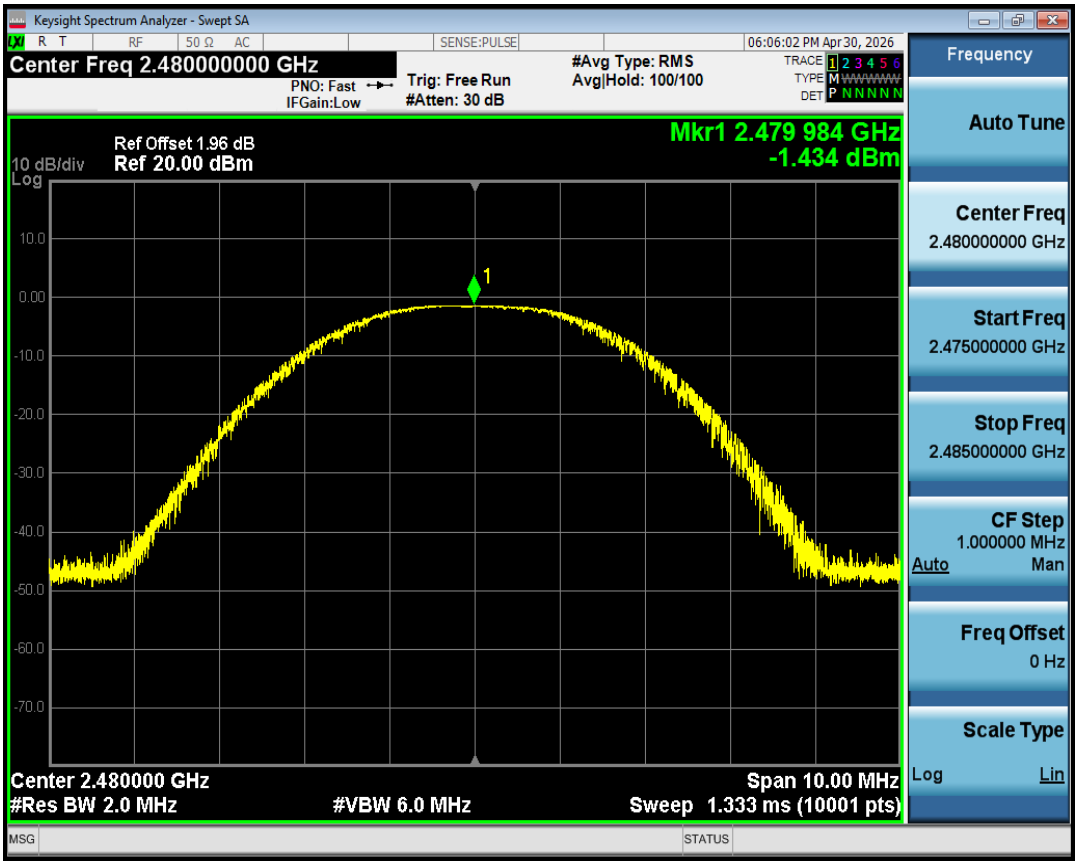
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Total Conducted Power (dBm)	Total Conducted Power (W)	Limit Conducted(dBm)	Verdict
NVNT	BLE 1M	2402	Ant1	-0.03	-0.03	0.00099	30	Pass
NVNT	BLE 1M	2440	Ant1	-0.62	-0.62	0.00087	30	Pass
NVNT	BLE 1M	2480	Ant1	-1.43	-1.43	0.00072	30	Pass



Peak Power NVNT BLE 1M 2402MHz Ant1



Peak Power NVNT BLE 1M 2440MHz Ant1



Peak Power NVNT BLE 1M 2480MHz Ant1

-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	BLE 1M	2402	Ant1	0.5079	0.5	Pass
NVNT	BLE 1M	2440	Ant1	0.5128	0.5	Pass
NVNT	BLE 1M	2480	Ant1	0.5517	0.5	Pass

-6dB Bandwidth NVNT BLE 1M 2402MHz Ant1

-6dB Bandwidth NVNT BLE 1M 2440MHz Ant1

-6dB Bandwidth NVNT BLE 1M 2480MHz Ant1

Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	BLE 1M	2402	Ant1	1.2028
NVNT	BLE 1M	2440	Ant1	1.253
NVNT	BLE 1M	2480	Ant1	1.2557

OBW NVNT BLE 1M 2402MHz Ant1

OBW NVNT BLE 1M 2440MHz Ant1

OBW NVNT BLE 1M 2480MHz Ant1

Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Total PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	BLE 1M	2402	Ant1	-20.11	-20.11	8	Pass
NVNT	BLE 1M	2440	Ant1	-20.84	-20.84	8	Pass
NVNT	BLE 1M	2480	Ant1	-21.84	-21.84	8	Pass

PSD NVNT BLE 1M 2402MHz Ant1

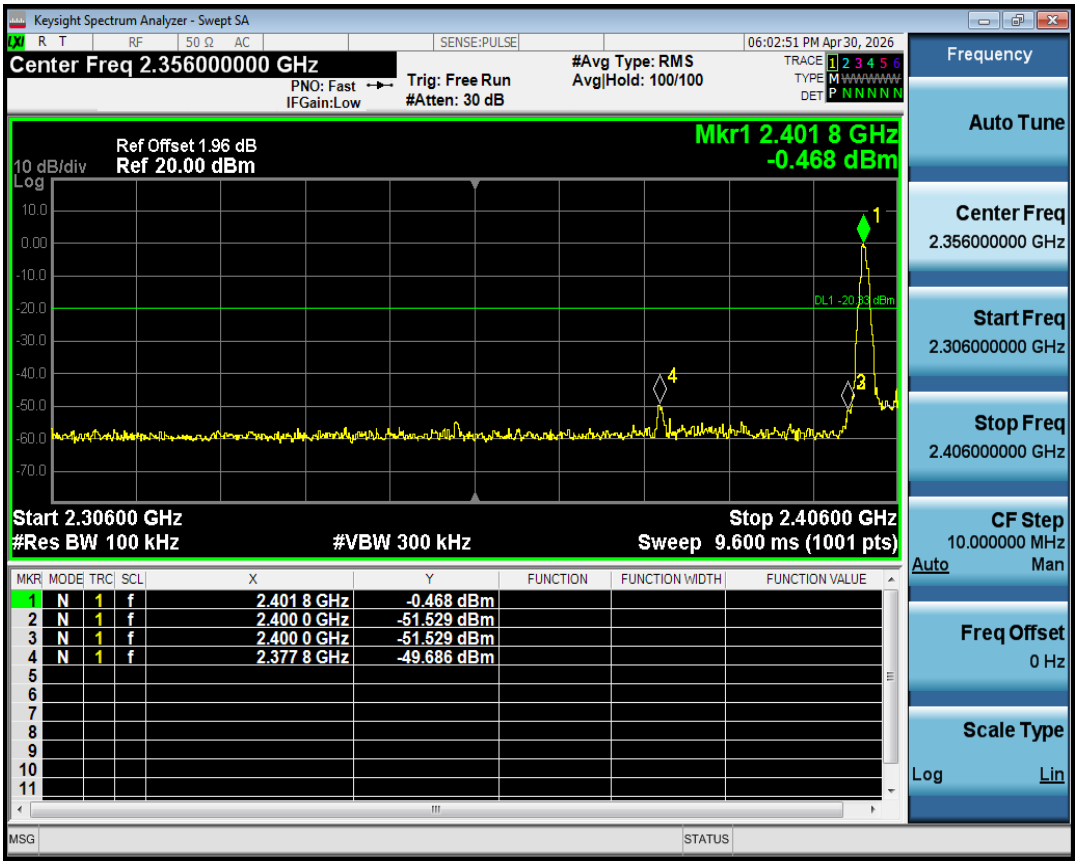
PSD NVNT BLE 1M 2440MHz Ant1

PSD NVNT BLE 1M 2480MHz Ant1

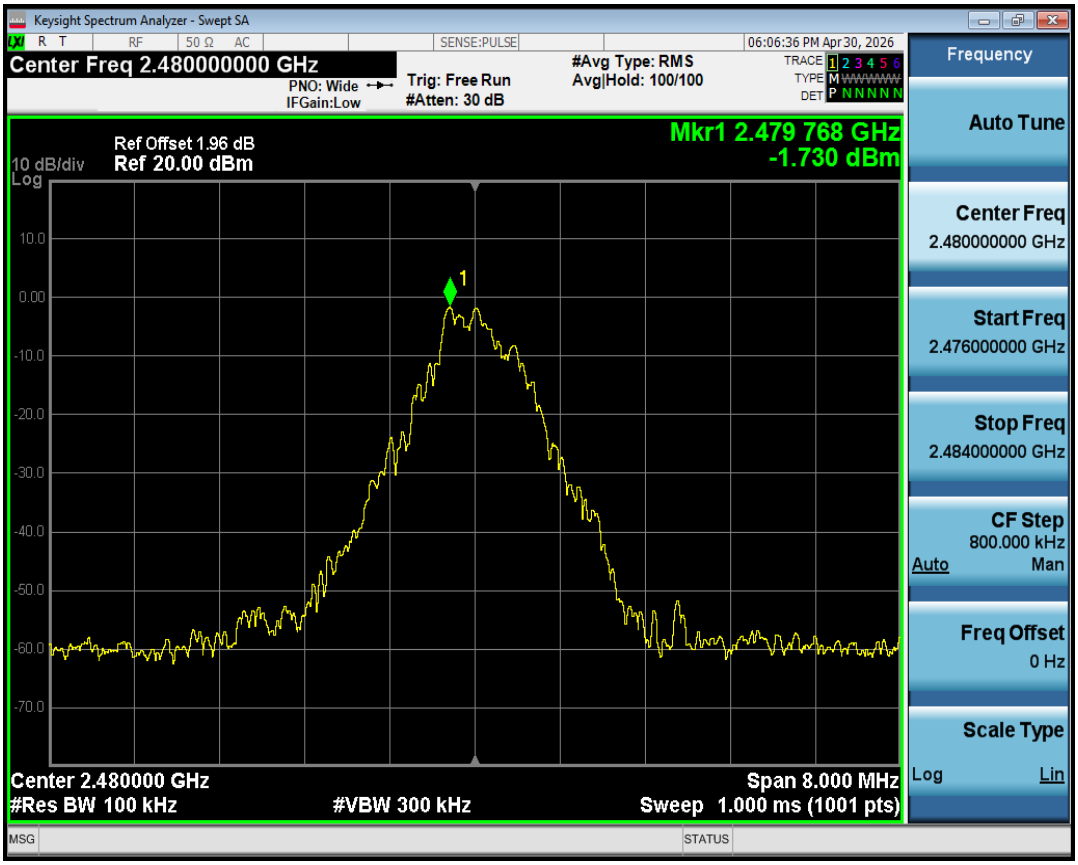
Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-49.35	-20	Pass
NVNT	BLE 1M	2480	Ant1	-53.45	-20	Pass

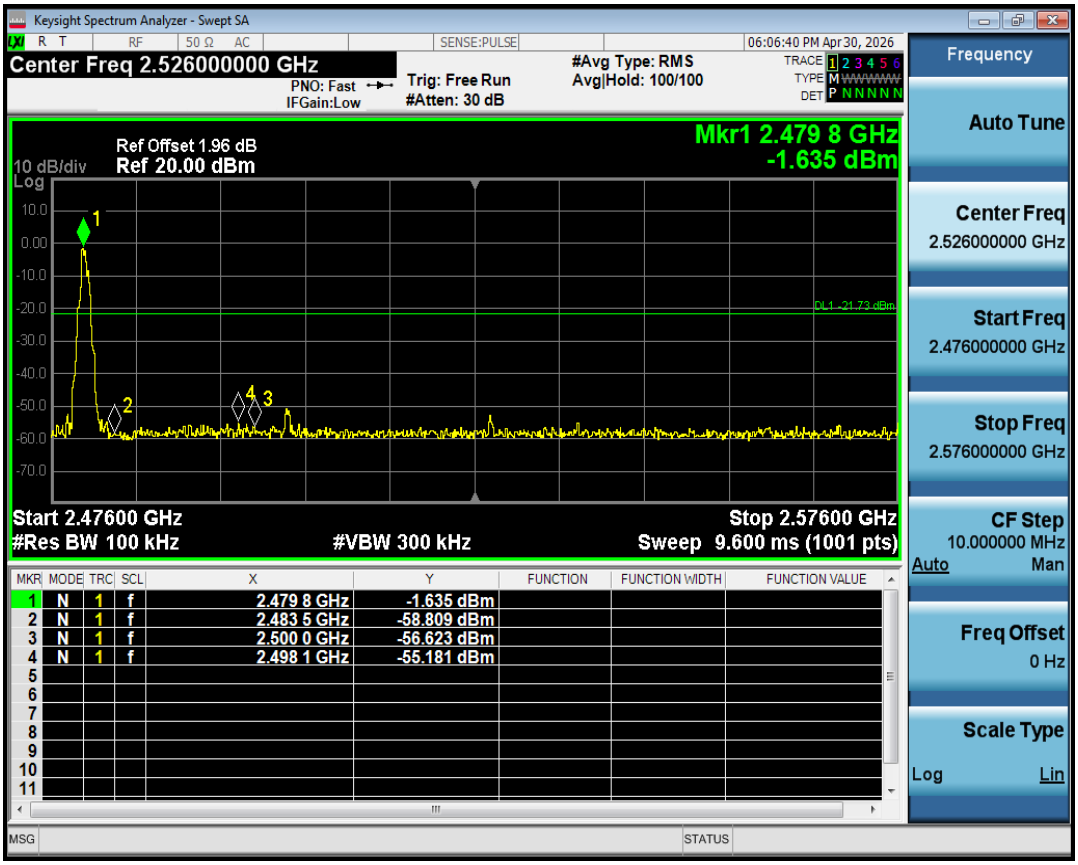
Band Edge NVNT BLE 1M 2402MHz Ant1 Ref



Band Edge NVNT BLE 1M 2402MHz Ant1 Emission



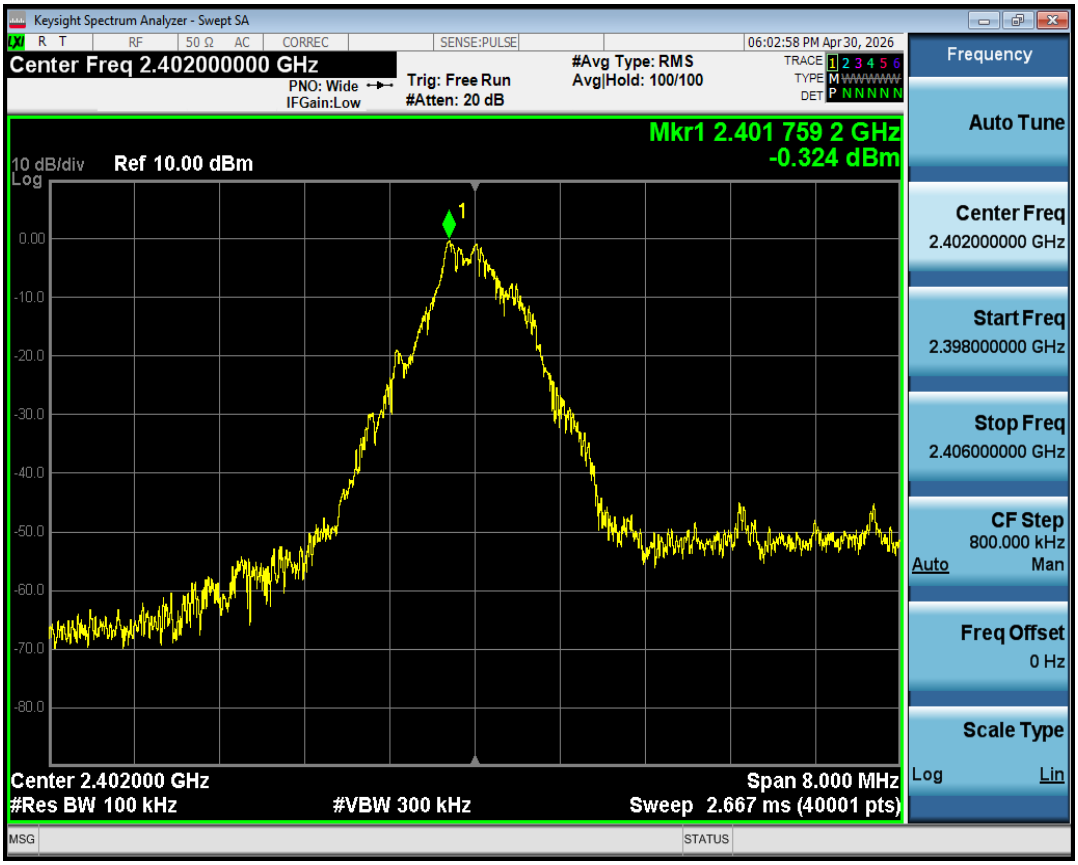
Band Edge NVNT BLE 1M 2480MHz Ant1 Ref



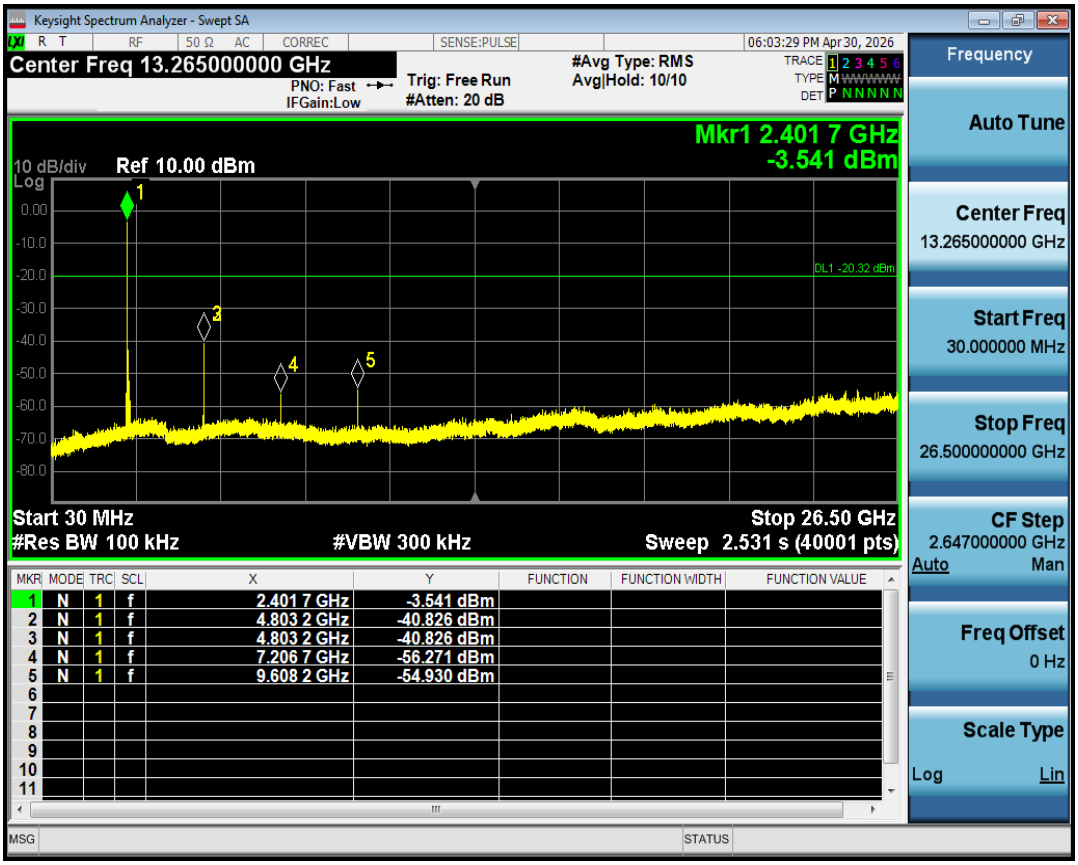
Band Edge NVNT BLE 1M 2480MHz Ant1 Emission

Conducted RF Spurious Emission

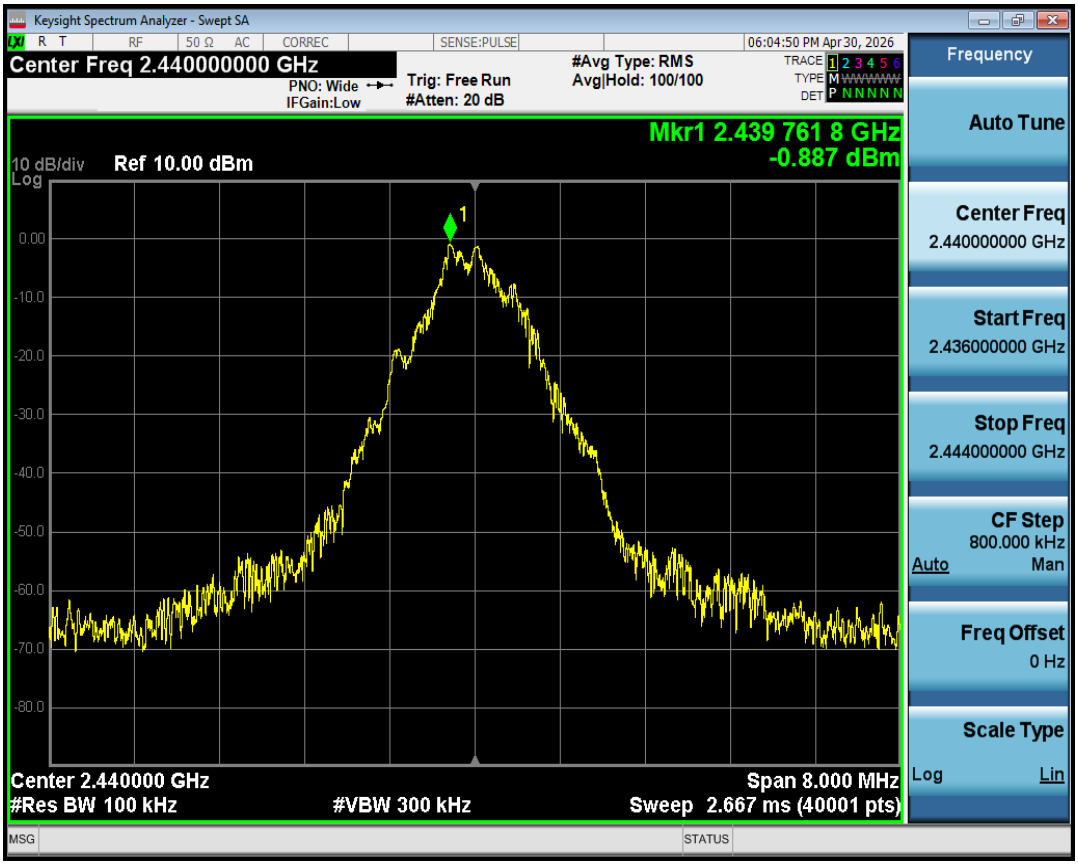
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-40.5	-20	Pass
NVNT	BLE 1M	2440	Ant1	-42.49	-20	Pass
NVNT	BLE 1M	2480	Ant1	-41.84	-20	Pass



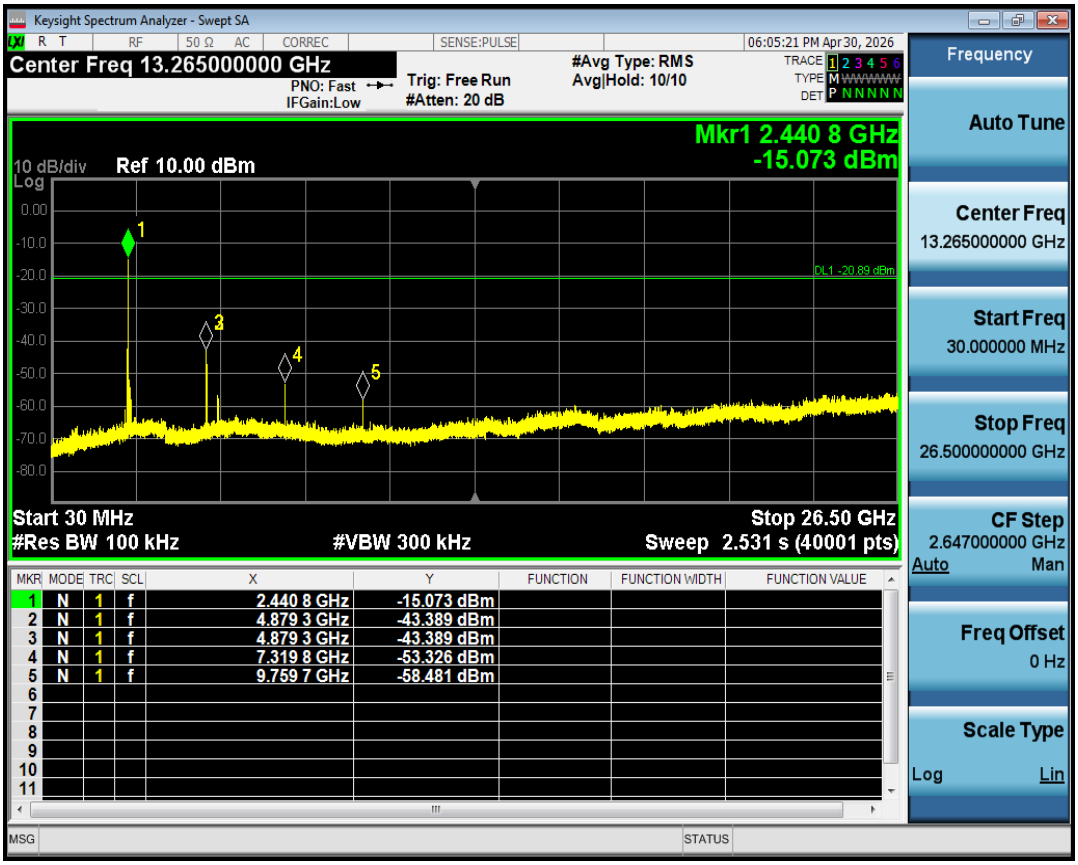
Tx. Spurious NVNT BLE 1M 2402MHz Ant1 Ref



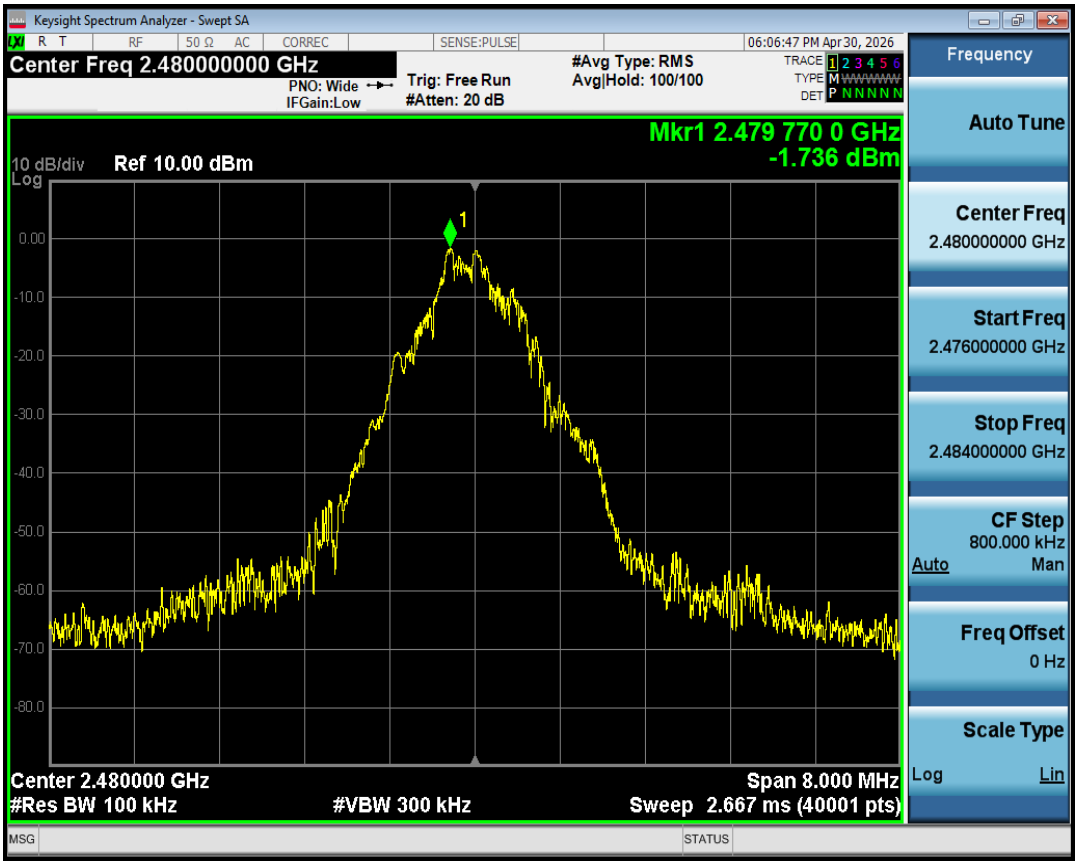
Tx. Spurious NVNT BLE 1M 2402MHz Ant1 Emission



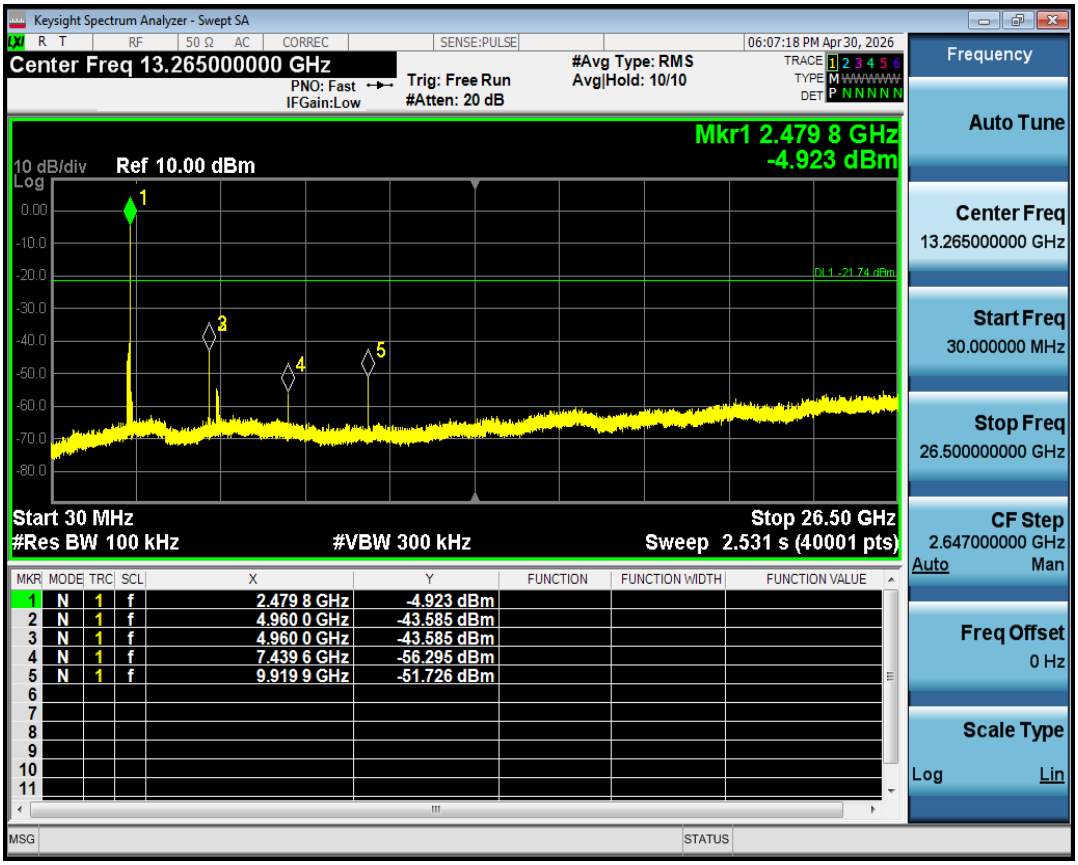
Tx. Spurious NVNT BLE 1M 2440MHz Ant1 Ref



Tx. Spurious NVNT BLE 1M 2440MHz Ant1 Emission



Tx. Spurious NVNT BLE 1M 2480MHz Ant1 Ref



Tx. Spurious NVNT BLE 1M 2480MHz Ant1 Emission