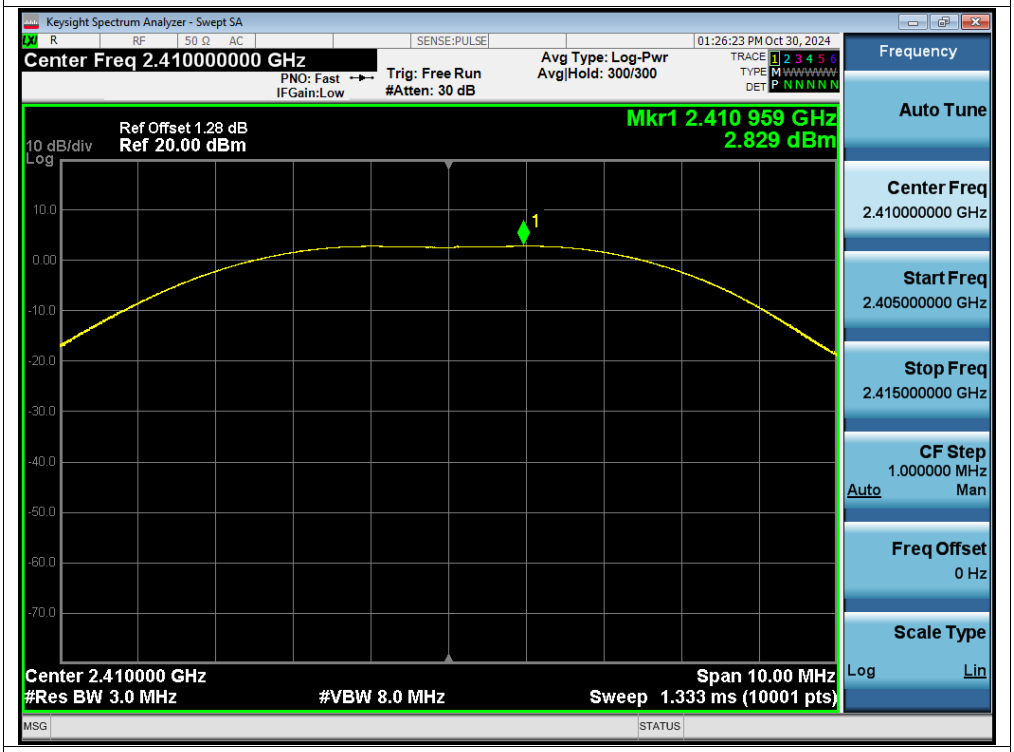
Maximum Conducted Output Power

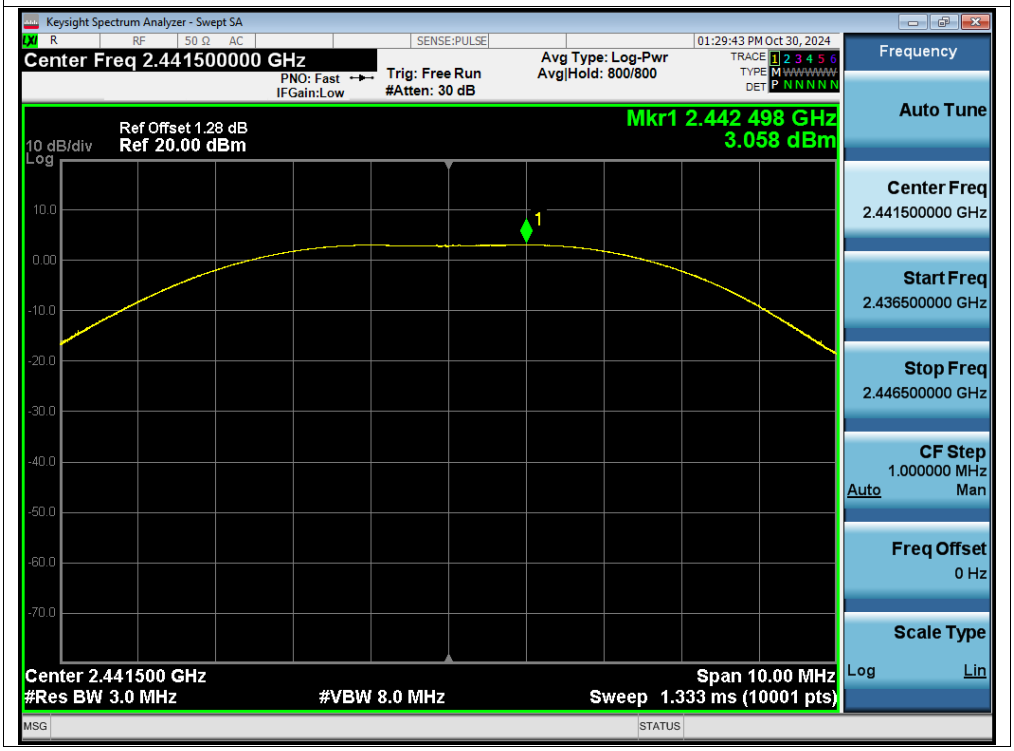
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Conducted Power Limit (dBm)	E.I.R.P (dBm)	E.I.R.P. Limit (dBm)	Verdict
NVNT	2.4G	2410	Ant1	2.83	21	2.83	36.02	Pass
NVNT	2.4G	2441.5	Ant1	3.06	21	3.06	36.02	Pass
NVNT	2.4G	2473	Ant1	3.34	21	3.34	36.02	Pass
Note1: Antenna Gain: 0dBi; Note2: E.I.R.P = Conducted Power + Antenna Gain								

Test Graphs

Power NVNT 2.4G 2410MHz Ant1



Power NVNT 2.4G 2441.5MHz Ant1



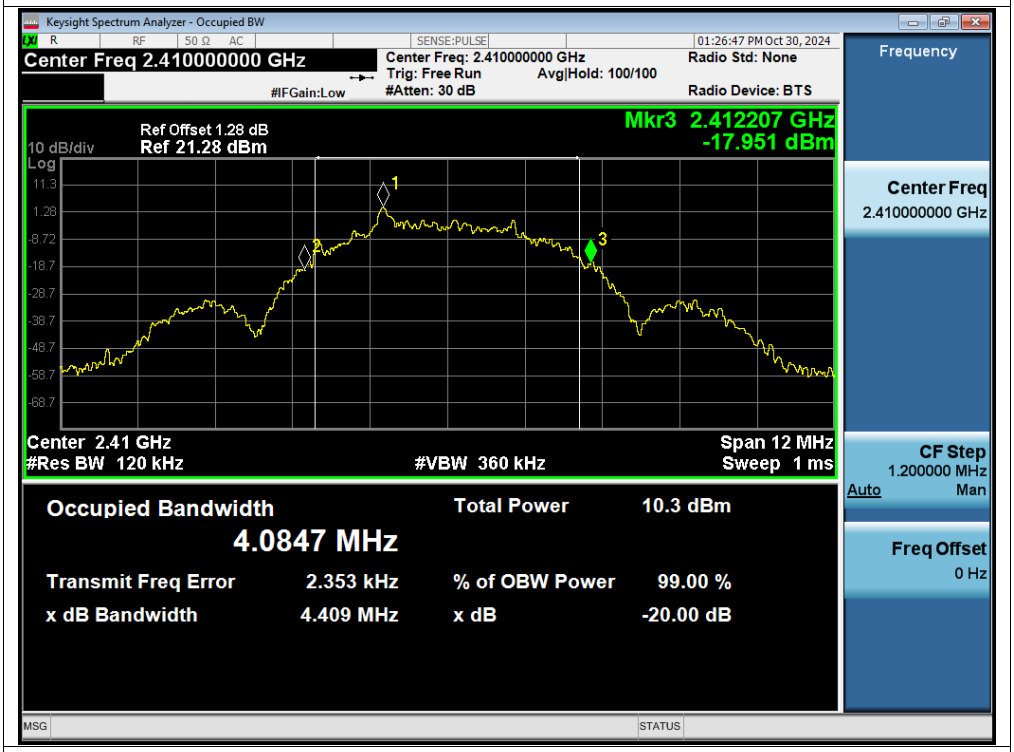
Power NVNT 2.4G 2473MHz Ant1

-20dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-20 dB Bandwidth (MHz)	Limit -20 dB Bandwidth (MHz)	Verdict
NVNT	2.4G	2410	Ant1	4.41	N/A	N/A
NVNT	2.4G	2441.5	Ant1	4.34	N/A	N/A
NVNT	2.4G	2473	Ant1	4.23	N/A	N/A

Test Graphs

-20dB Bandwidth NVNT 2.4G 2410MHz Ant1



-20dB Bandwidth NVNT 2.4G 2441.5MHz Ant1

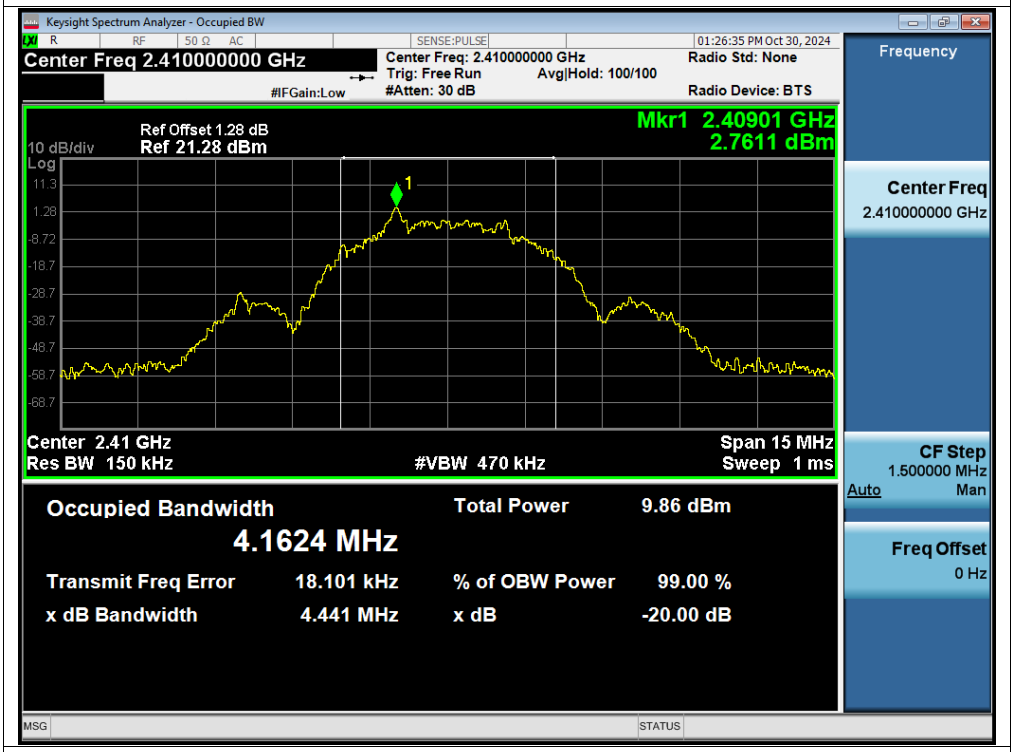
-20dB Bandwidth NVNT 2.4G 2473MHz Ant1

Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	2.4G	2410	Ant1	4.162
NVNT	2.4G	2441.5	Ant1	4.139
NVNT	2.4G	2473	Ant1	4.109

Test Graphs

OBW NVNT 2.4G 2410MHz Ant1



OBW NVNT 2.4G 2441.5MHz Ant1

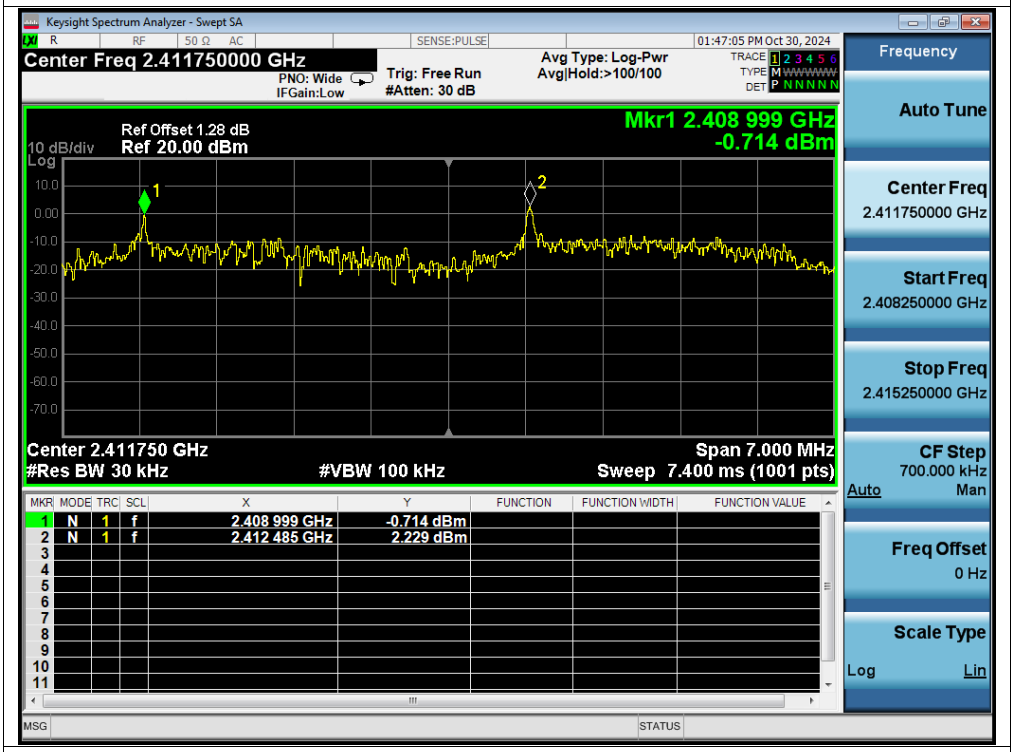
OBW NVNT 2.4G 2473MHz Ant1

Carrier Frequencies Separation

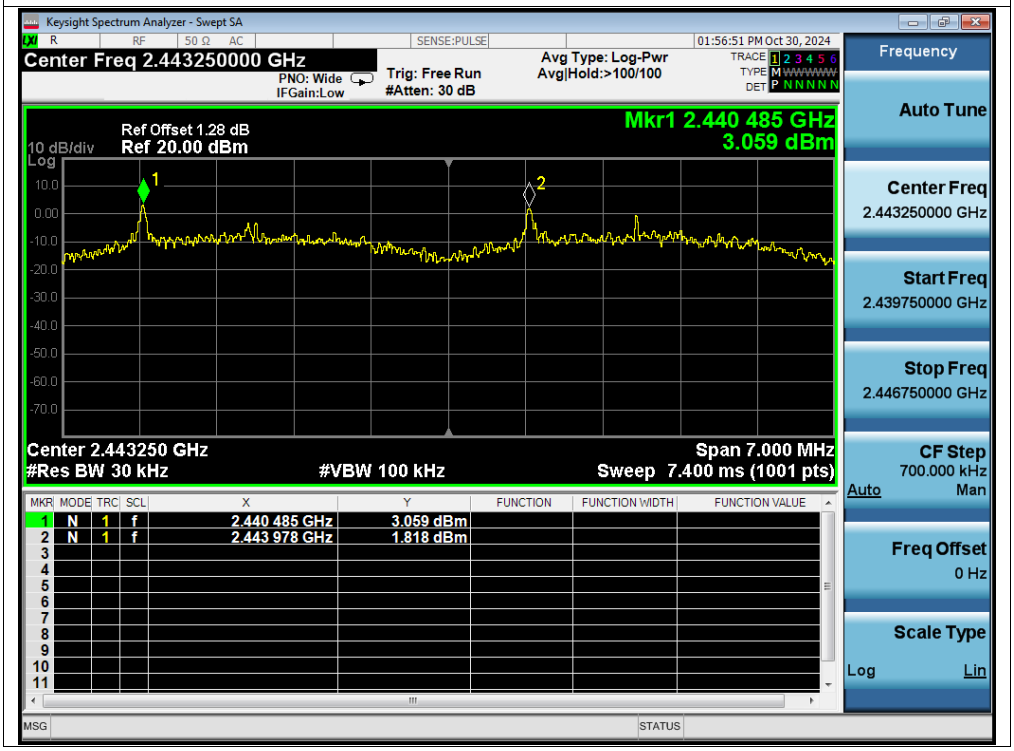
Condition	Mode	Antenna	Hopping Freq1 (MHz)	Hopping Freq2 (MHz)	HFS (MHz)	Limit (MHz)	Verdict
NVNT	2.4G	Ant1	2408.999	2412.485	3.486	2.94	Pass
NVNT	2.4G	Ant1	2440.485	2443.978	3.493	2.893	Pass
NVNT	2.4G	Ant1	2468.485	2471.985	3.5	2.82	Pass

Test Graphs

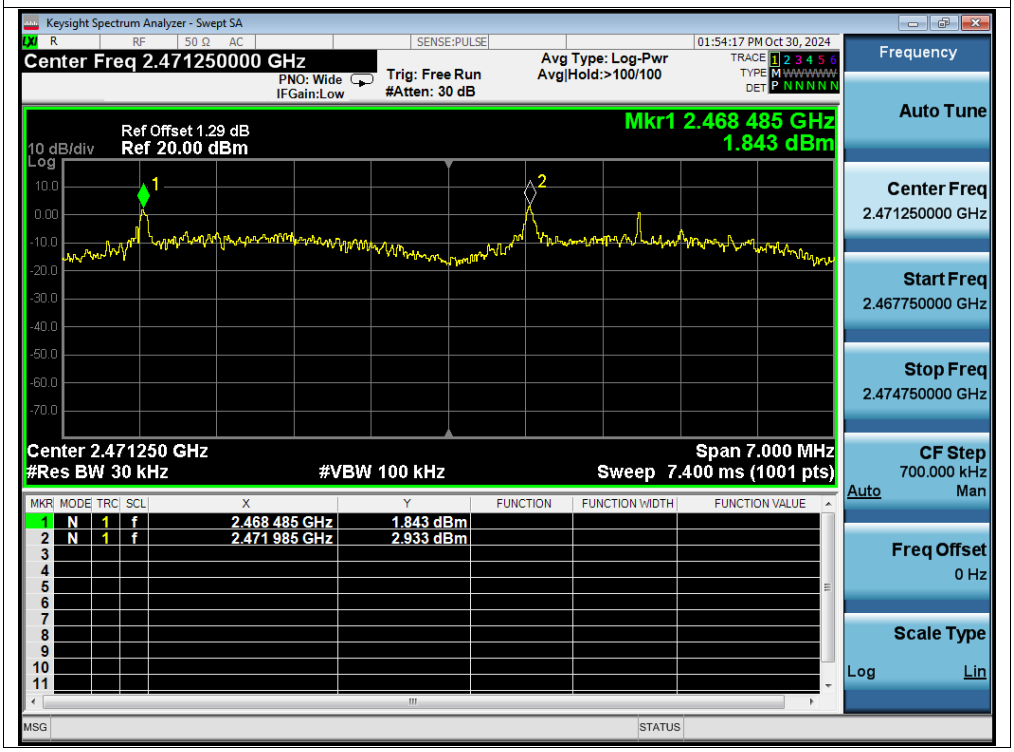
CFS NVNT 2.4G 2410MHz Ant1



CFS NVNT 2.4G 2441.5MHz Ant1



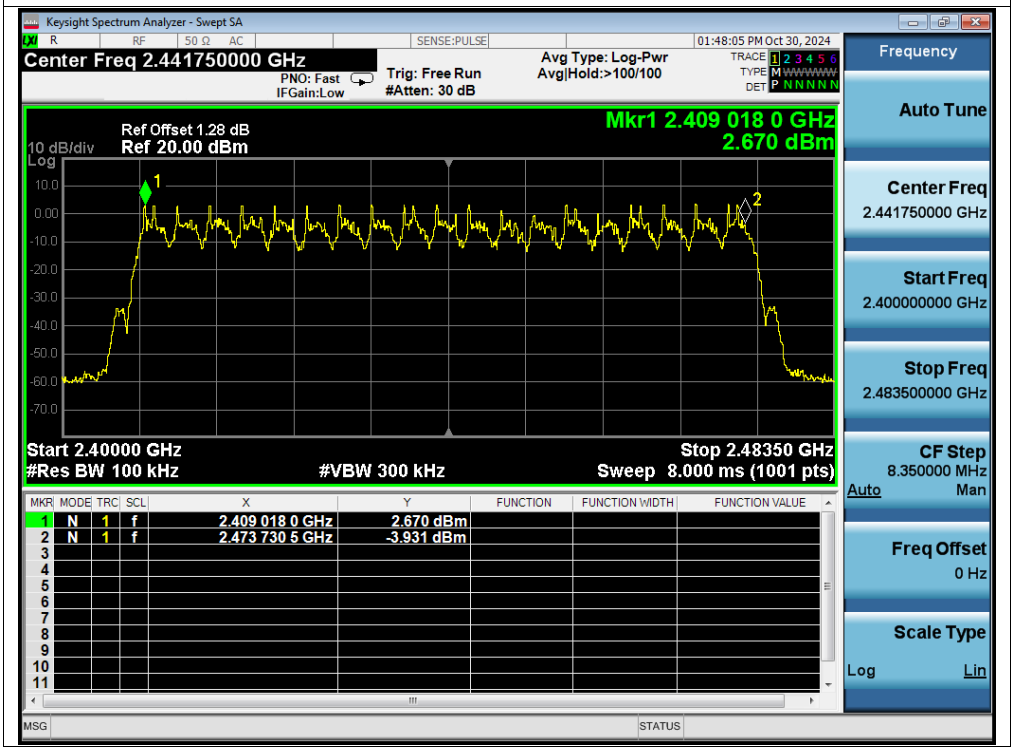
CFS NVNT 2.4G 2473MHz Ant1



Number of Hopping Channel

Condition	Mode	Antenna	Hopping Number	Limit	Verdict
NVNT	2.4G	Ant1	19	15	Pass

Test Graphs
Hopping No. NVNT 2.4G 2410MHz Ant1

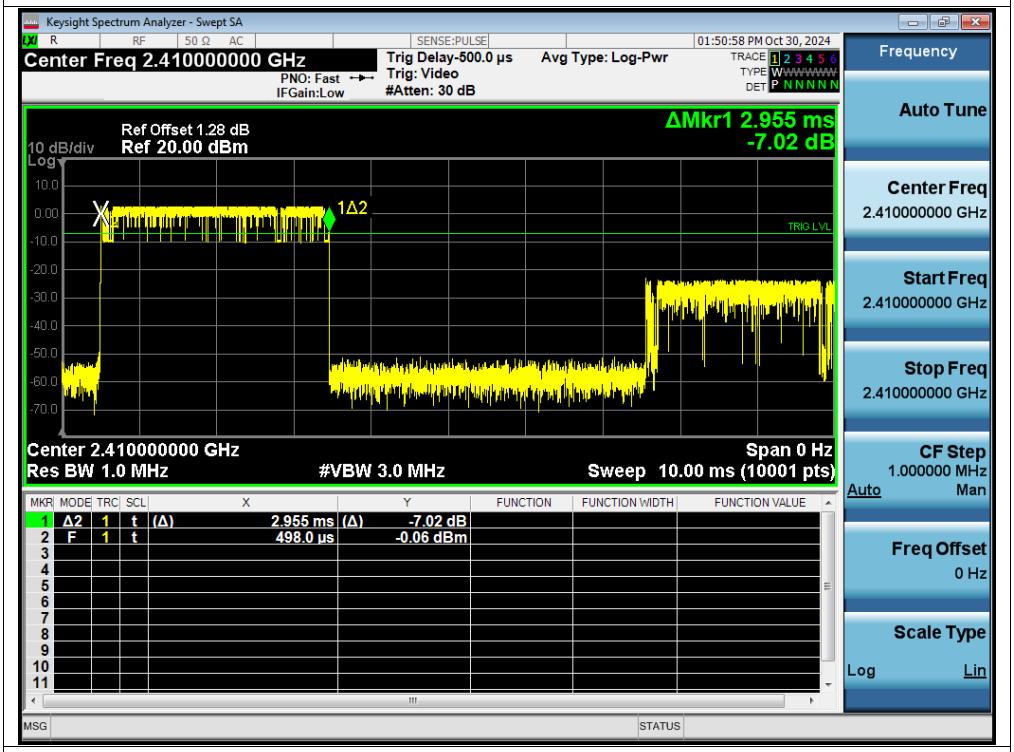


Dwell Time

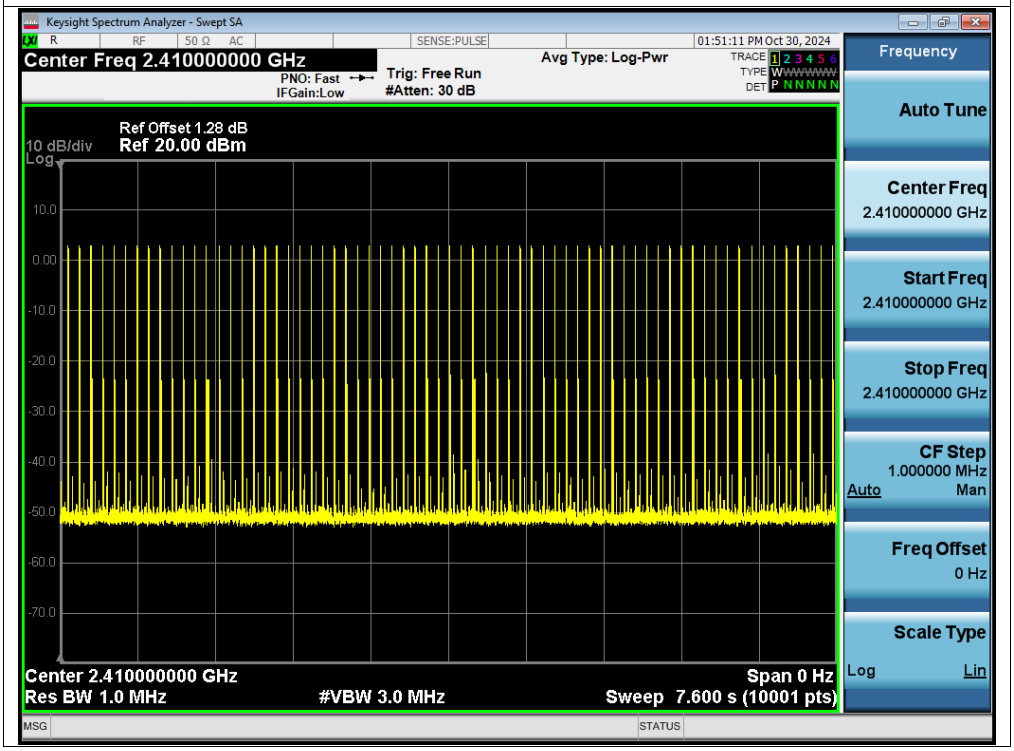
Condition	Mode	Frequency (MHz)	Antenna	Pulse Time (ms)	Total Dwell Time (ms)	Burst Count	Period Time (ms)	Limit (ms)	Verdict
NVNT	2.4G	2410	Ant1	2.955	197.985	67	7600	400	Pass
NVNT	2.4G	2441.5	Ant1	2.955	197.985	67	7600	400	Pass
NVNT	2.4G	2473	Ant1	2.955	197.985	67	7600	400	Pass

Test Graphs

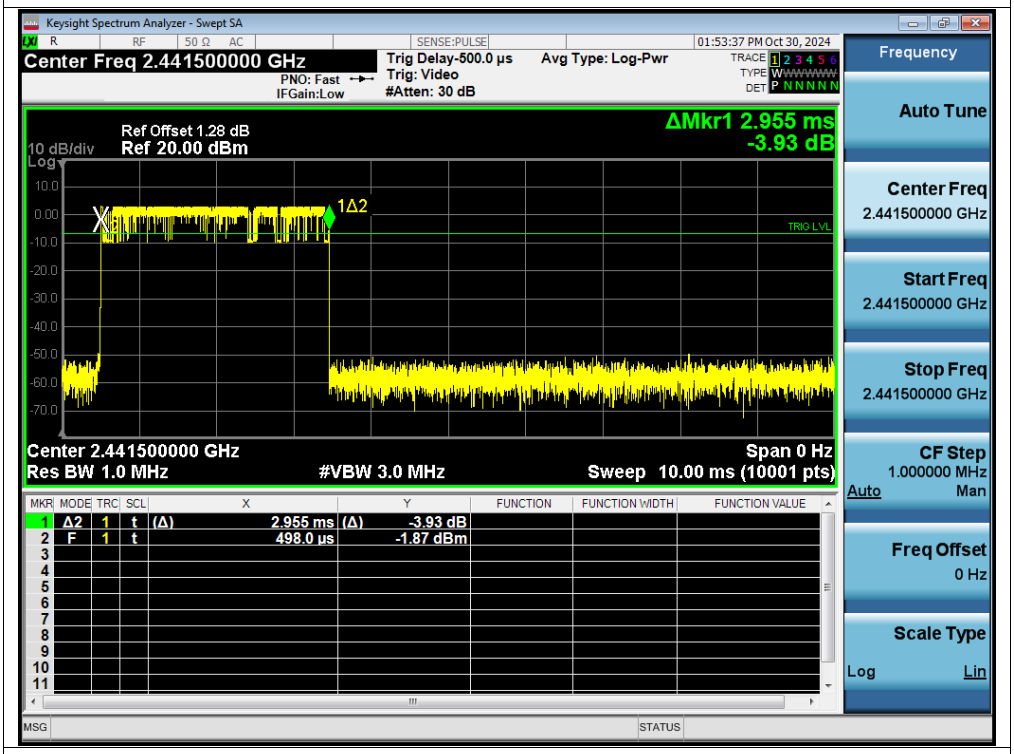
Dwell NVNT 2.4G 2410MHz Ant1 One Burst



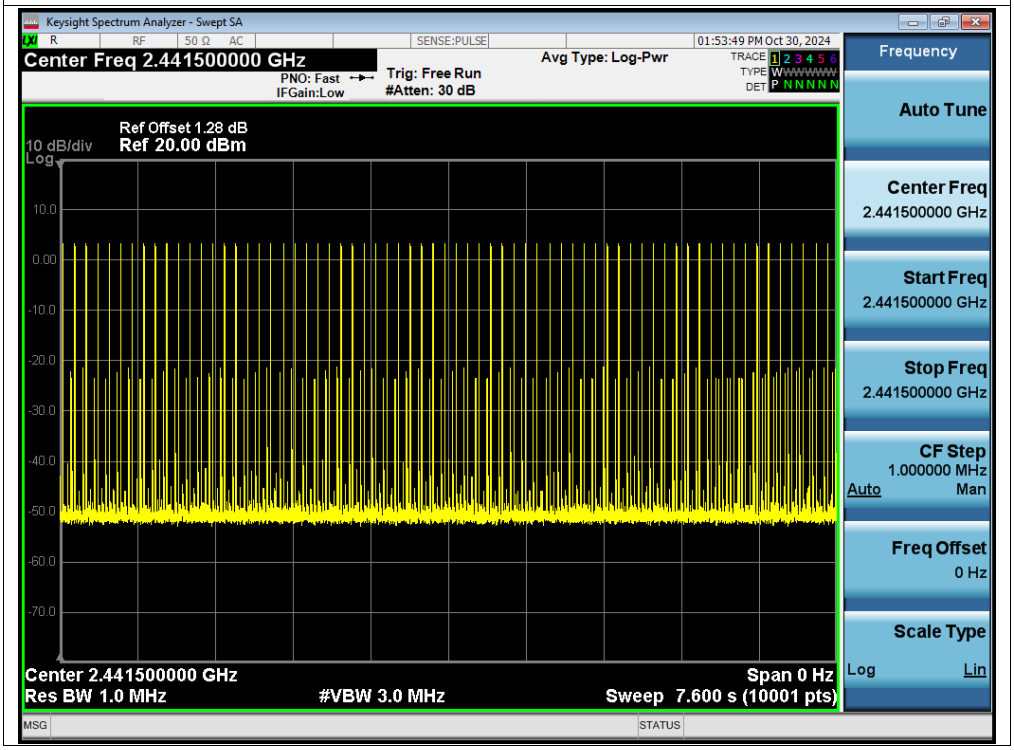
Dwell NVNT 2.4G 2410MHz Ant1 Accumulated



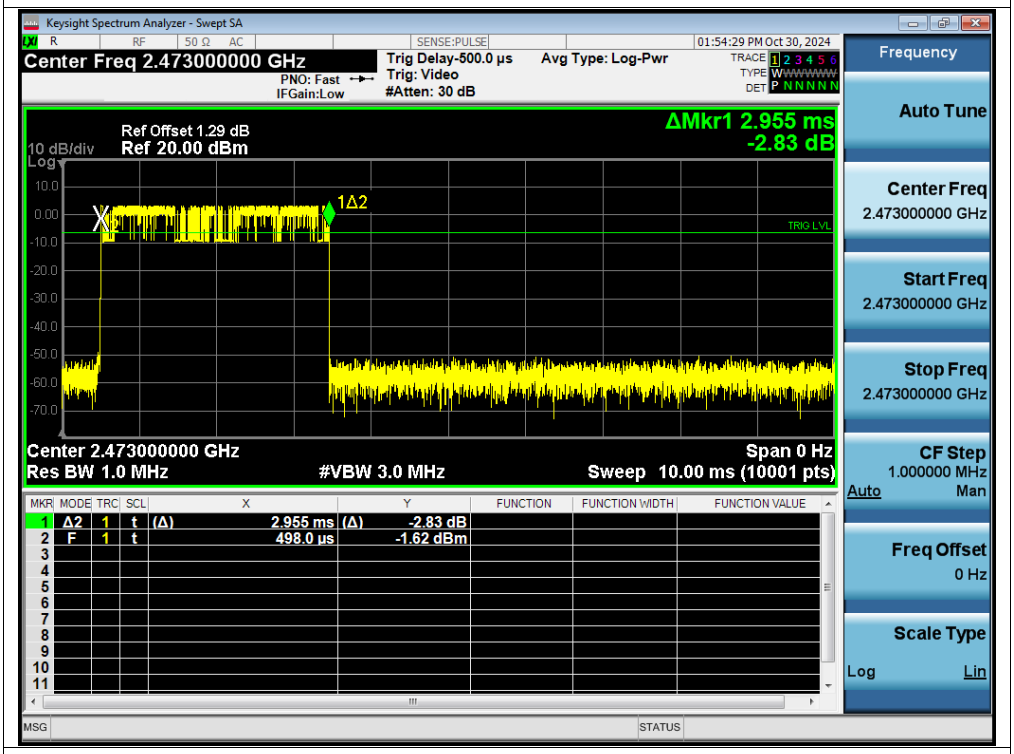
Dwell NVNT 2.4G 2441.5MHz Ant1 One Burst



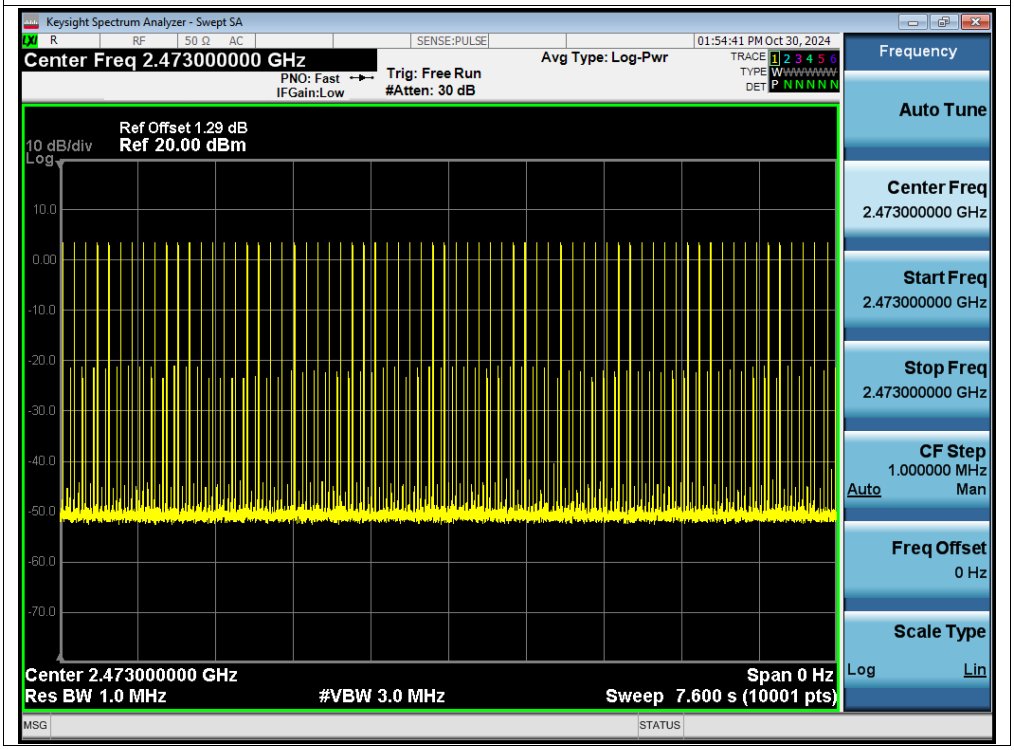
Dwell NVNT 2.4G 2441.5MHz Ant1 Accumulated



Dwell NVNT 2.4G 2473MHz Ant1 One Burst



Dwell NVNT 2.4G 2473MHz Ant1 Accumulated

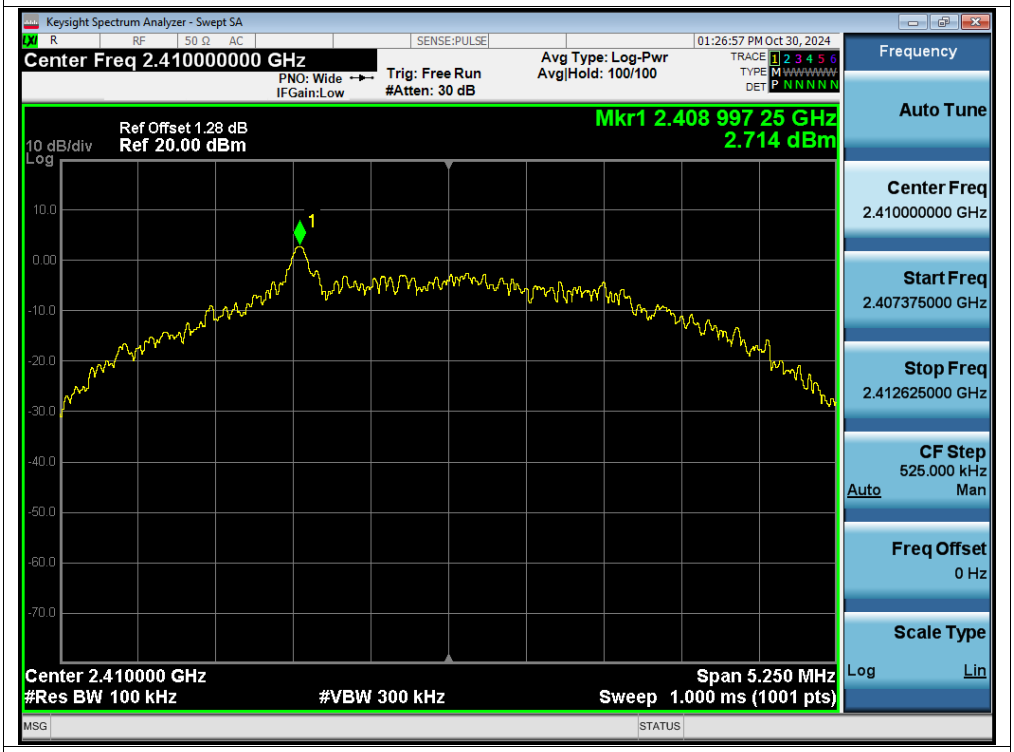


Band Edge

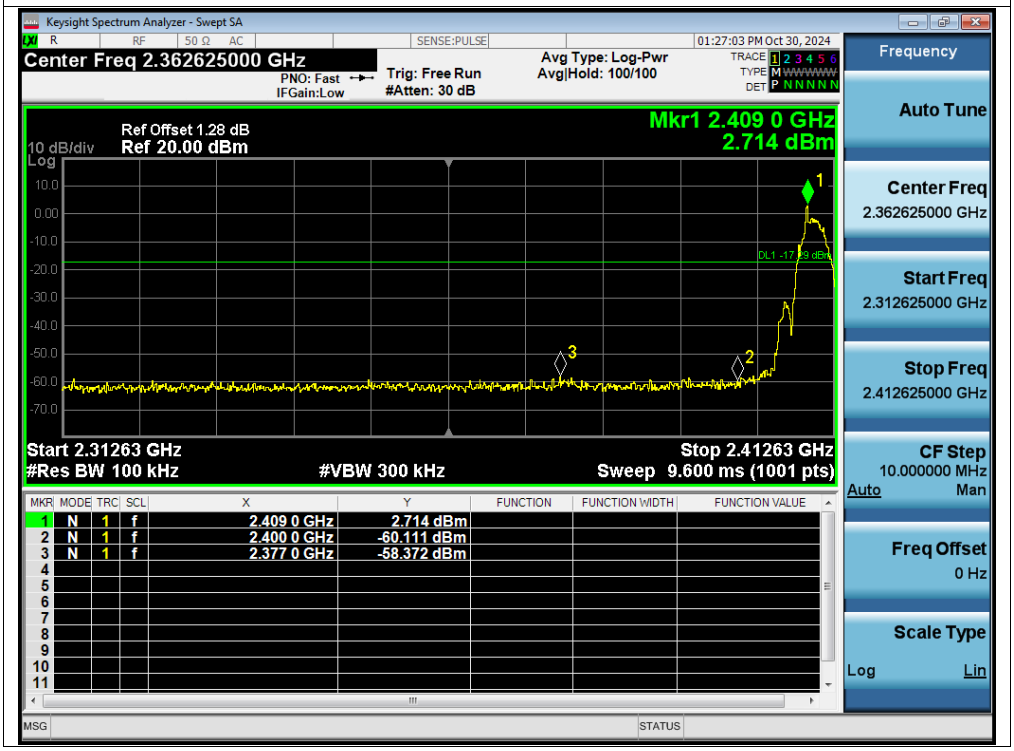
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	2.4G	2410	Ant1	No-Hopping	-61.08	-20	Pass
NVNT	2.4G	2473	Ant1	No-Hopping	-59.97	-20	Pass

Test Graphs

Band Edge NVNT 2.4G 2410MHz Ant1 No-Hopping Ref

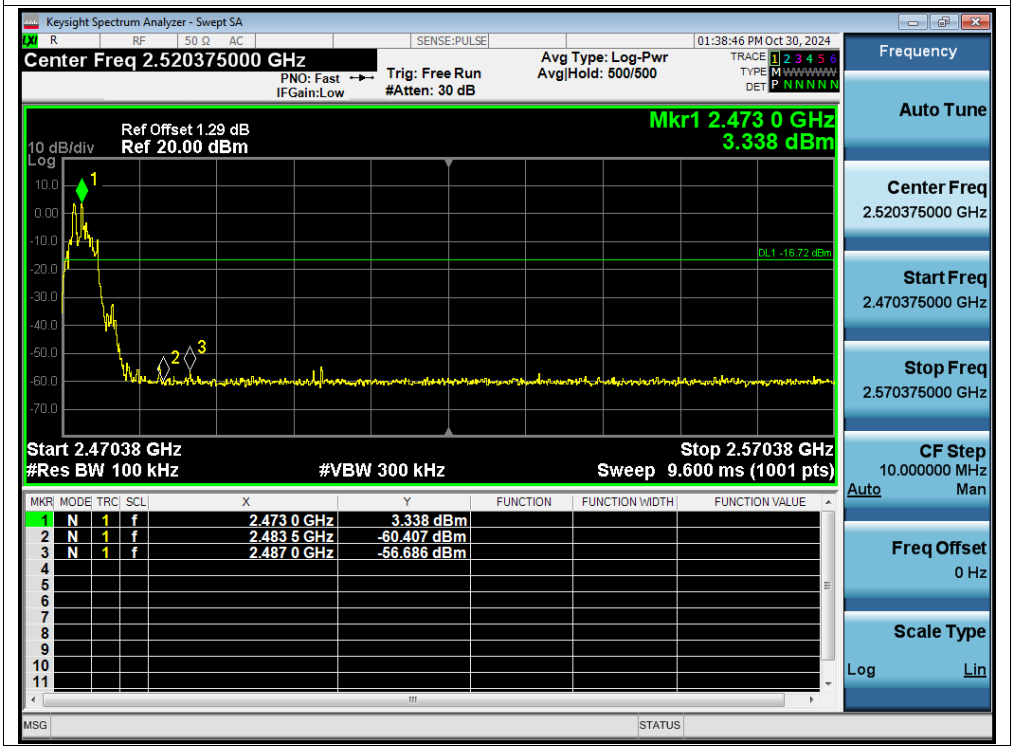


Band Edge NVNT 2.4G 2410MHz Ant1 No-Hopping Emission



Band Edge NVNT 2.4G 2473MHz Ant1 No-Hopping Ref

Band Edge NVNT 2.4G 2473MHz Ant1 No-Hopping Emission



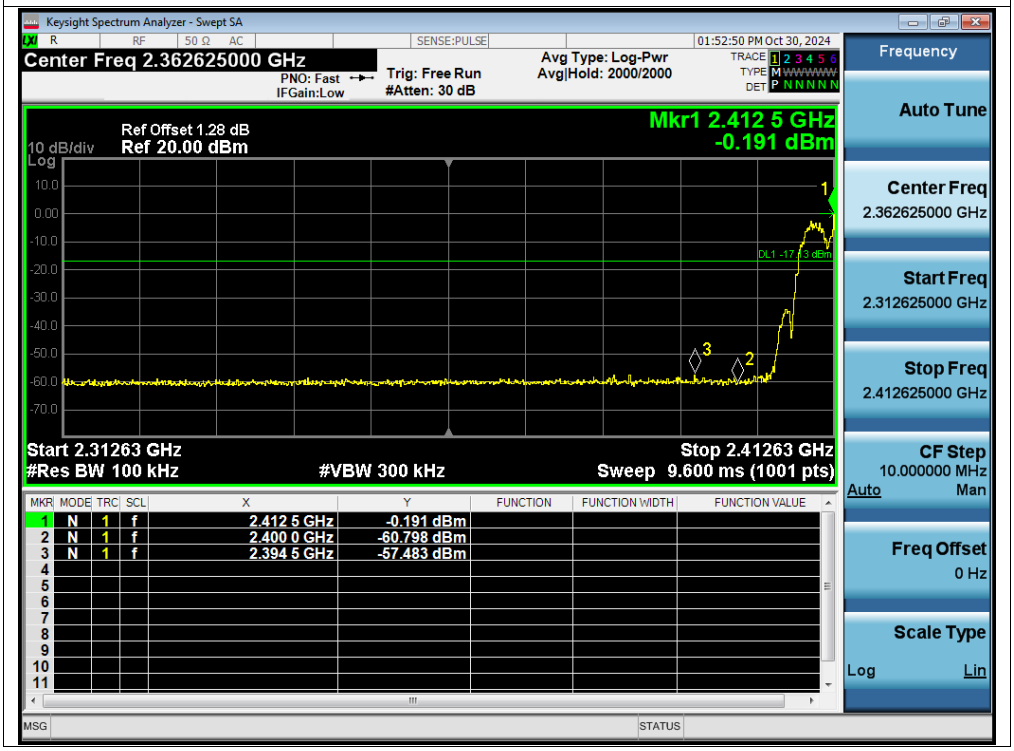
Band Edge(Hopping)

Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	2.4G	2410	Ant1	Hopping	-60.35	-20	Pass
NVNT	2.4G	2473	Ant1	Hopping	-59.67	-20	Pass

Test Graphs

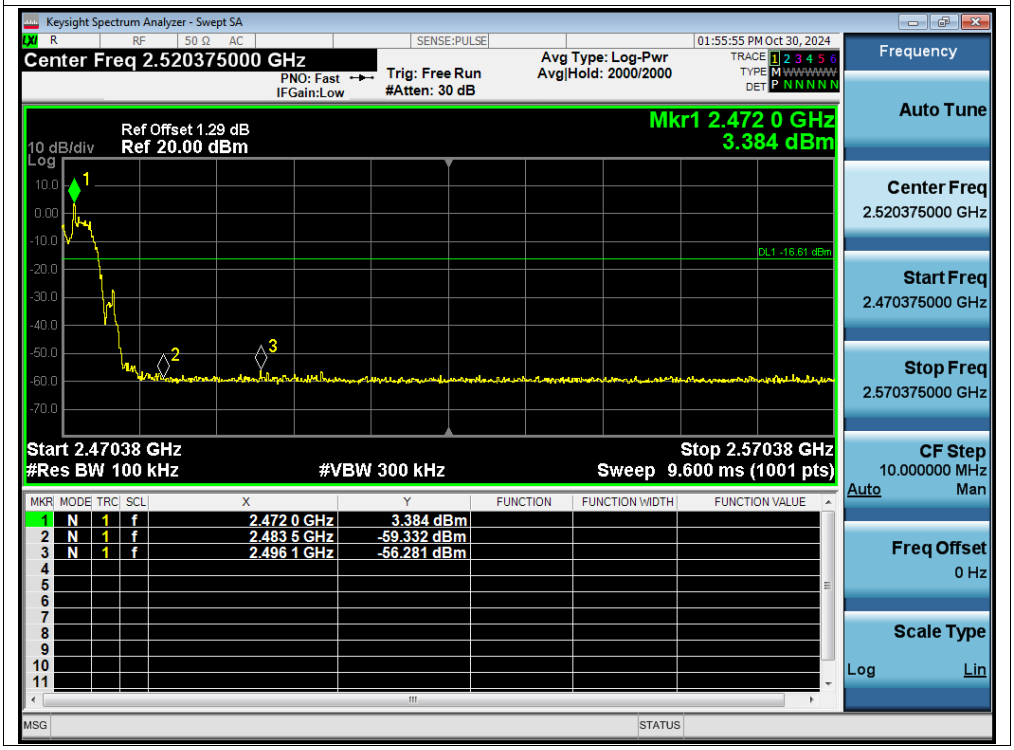
Band Edge(Hopping) NVNT 2.4G 2410MHz Ant1 Hopping Ref

Band Edge(Hopping) NVNT 2.4G 2410MHz Ant1 Hopping Emission



Band Edge(Hopping) NVNT 2.4G 2473MHz Ant1 Hopping Ref

Band Edge(Hopping) NVNT 2.4G 2473MHz Ant1 Hopping Emission



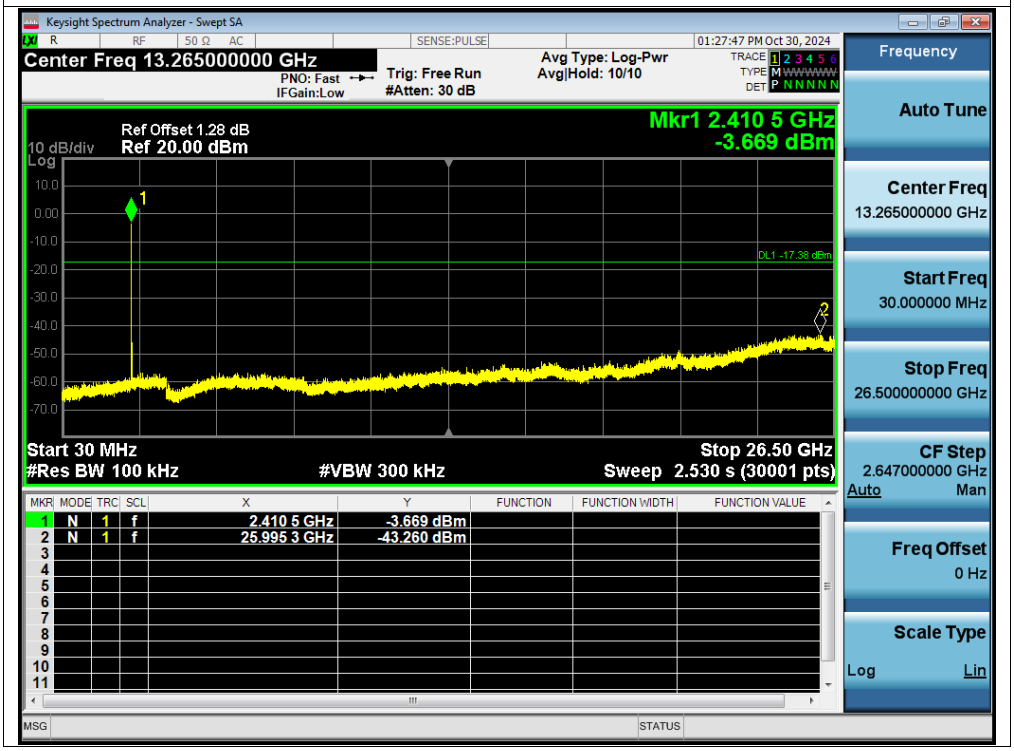
Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	2.4G	2410	Ant1	-45.88	-20	Pass
NVNT	2.4G	2441.5	Ant1	-45.73	-20	Pass
NVNT	2.4G	2473	Ant1	-46.27	-20	Pass

Test Graphs

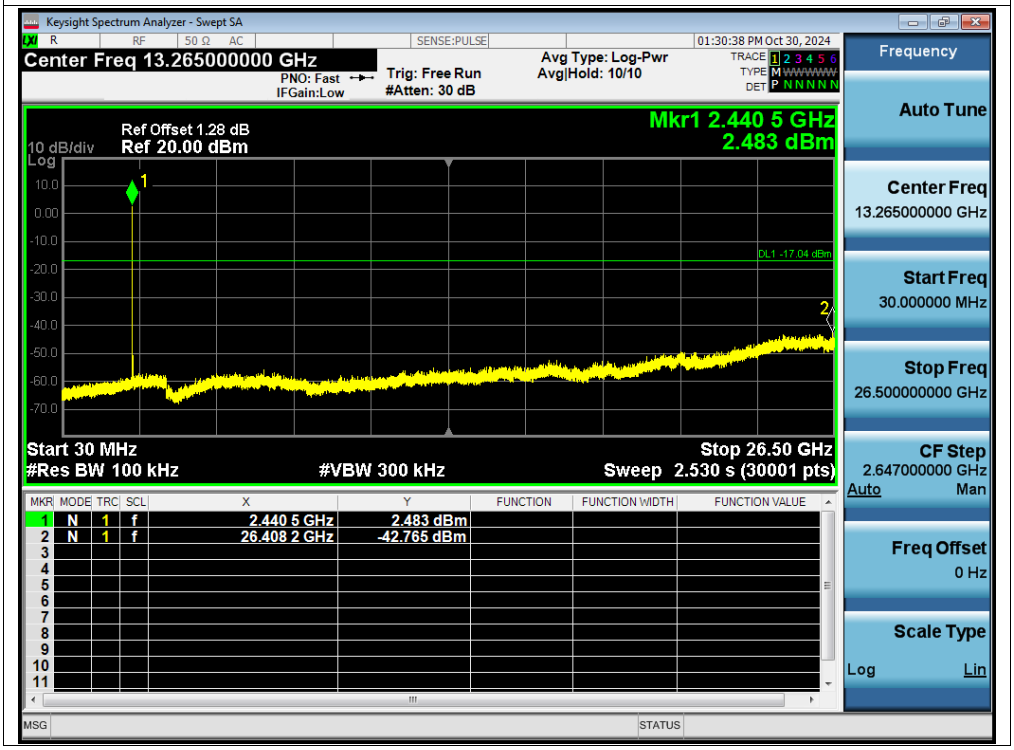
Tx. Spurious NVNT 2.4G 2410MHz Ant1 Ref

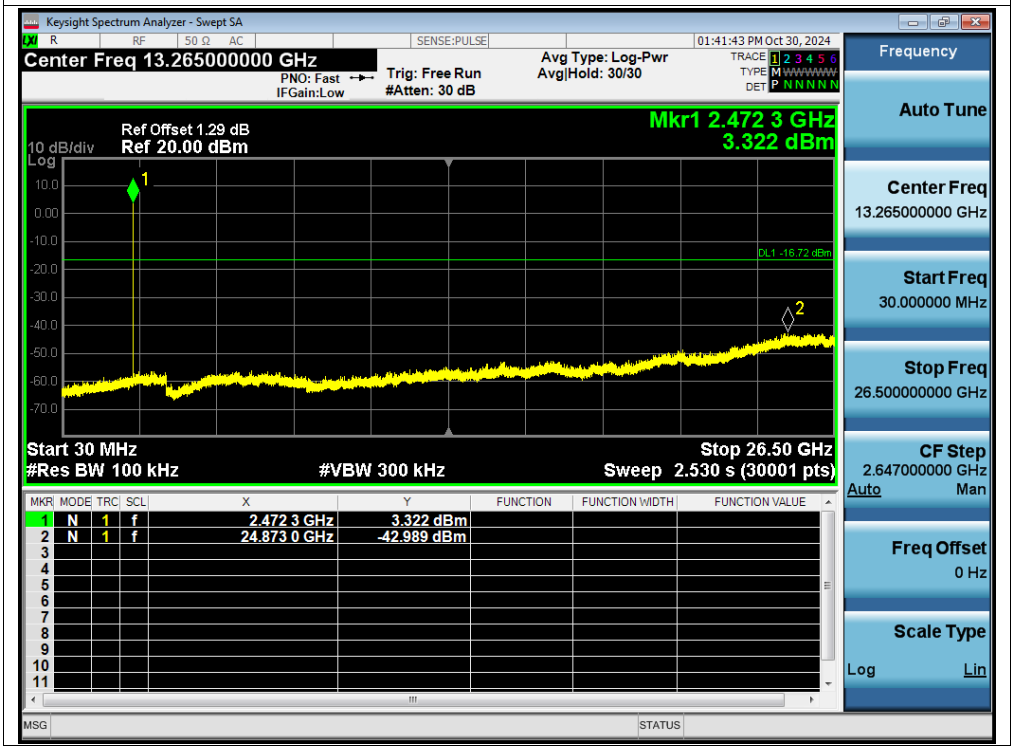
Tx. Spurious NVNT 2.4G 2410MHz Ant1 Emission



Tx. Spurious NVNT 2.4G 2441.5MHz Ant1 Ref

Tx. Spurious NVNT 2.4G 2441.5MHz Ant1 Emission



Tx. Spurious NVNT 2.4G 2473MHz Ant1 Ref

Tx. Spurious NVNT 2.4G 2473MHz Ant1 Emission