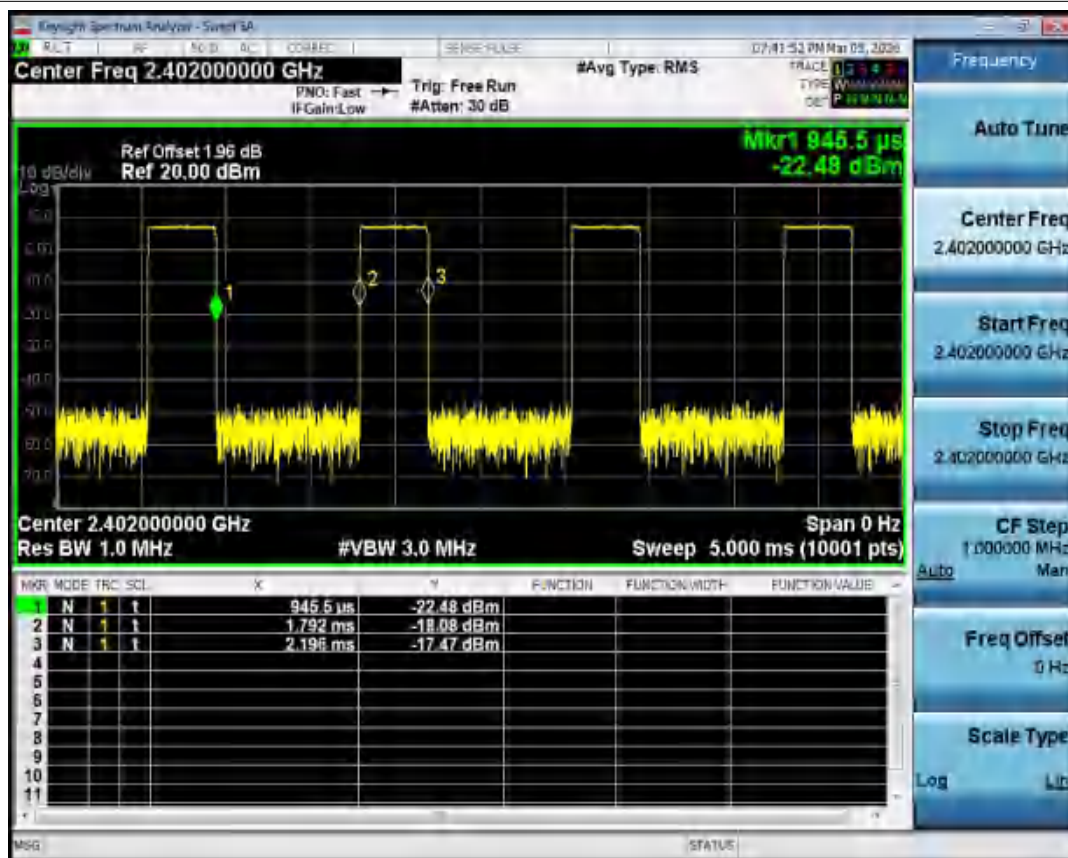


FCC ID EDR
FCC_BT (Part15.247) Test Data
Report No.: BKC26020694BE-1
FCC ID :2BS89-PW31

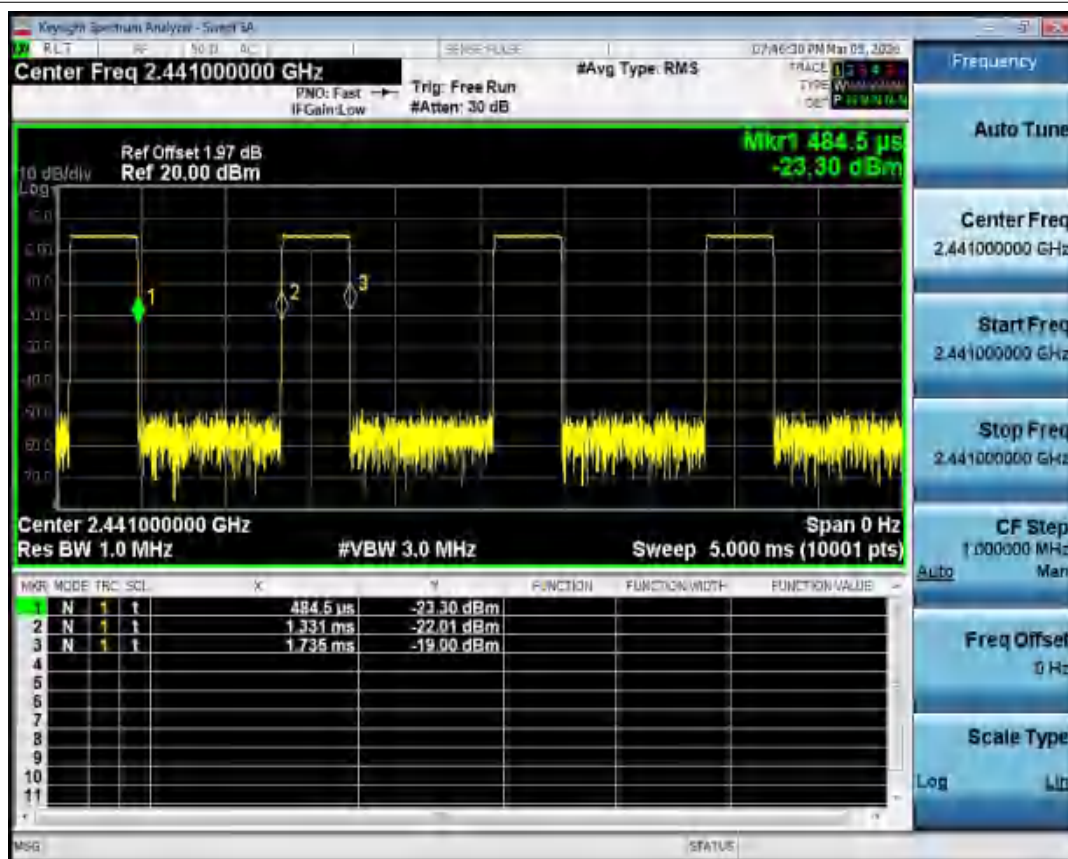
Duty Cycle	2
Maximum Peak Conducted Output Power	8
-20dB Bandwidth	14
Occupied Channel Bandwidth	20
Carrier Frequencies Separation	26
Number of Hopping Channel	32
Dwell Time	35
Band Edge	45
Band Edge(Hopping)	52
Conducted RF Spurious Emission	59

Duty Cycle

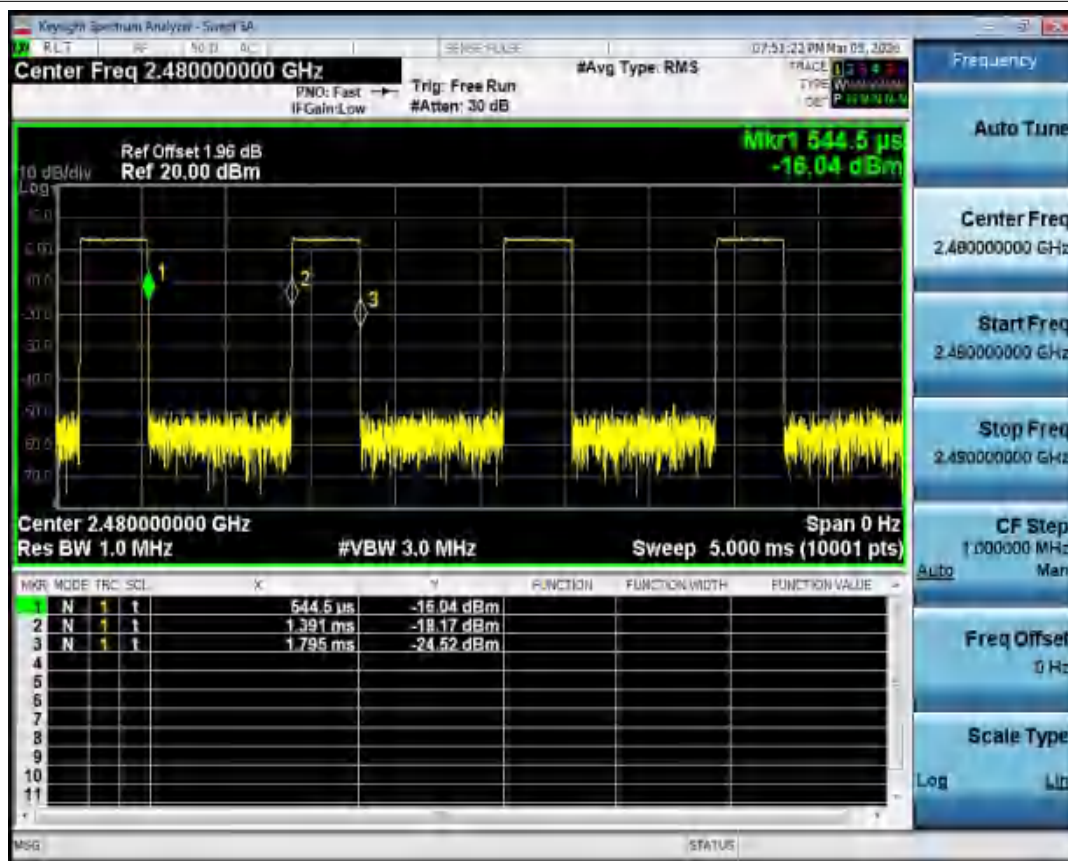
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	1-DH1	2402	Ant1	32.32	4.91	2.48
NVNT	1-DH1	2441	Ant1	32.32	4.91	2.48
NVNT	1-DH1	2480	Ant1	32.31	4.91	2.48
NVNT	2-DH1	2402	Ant1	33.12	4.8	2.42
NVNT	2-DH1	2441	Ant1	33.08	4.8	2.42
NVNT	2-DH1	2480	Ant1	33.08	4.8	2.42
NVNT	3-DH1	2402	Ant1	33.12	4.8	2.42
NVNT	3-DH1	2441	Ant1	33.08	4.8	2.42
NVNT	3-DH1	2480	Ant1	33.08	4.8	2.42



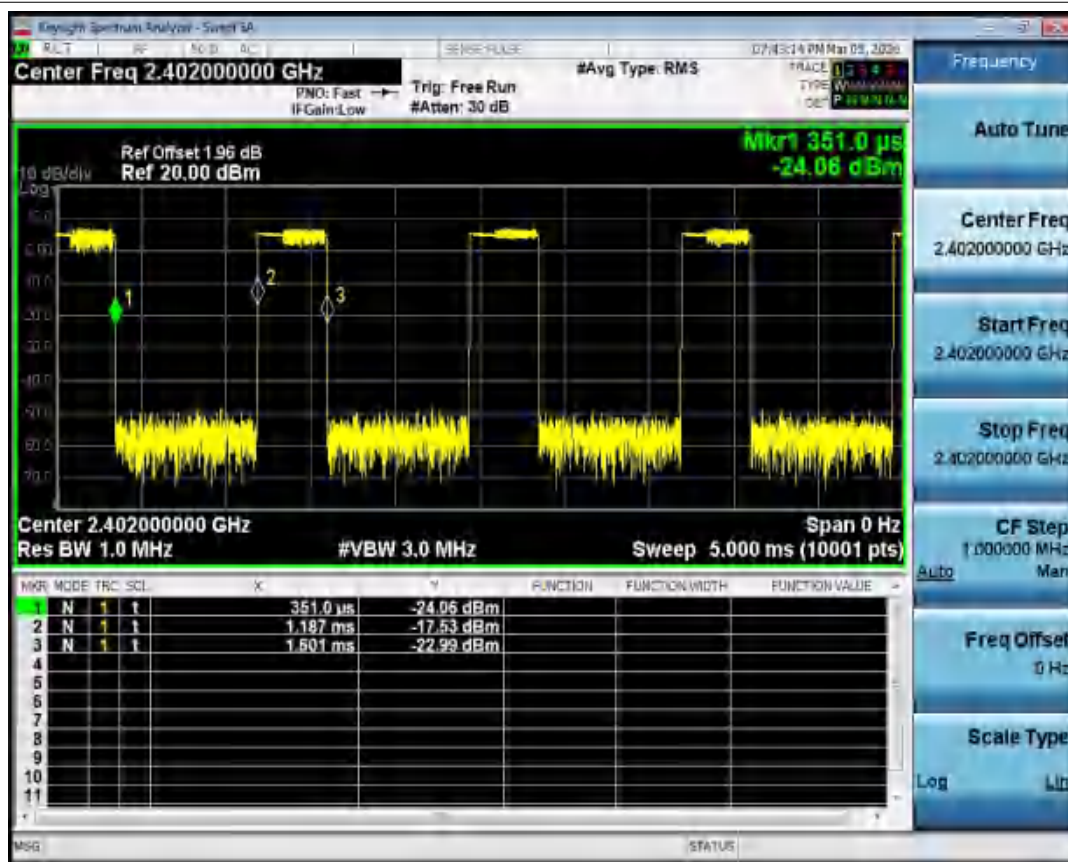
Duty Cycle NVNT 1-DH1 2402MHz Ant1



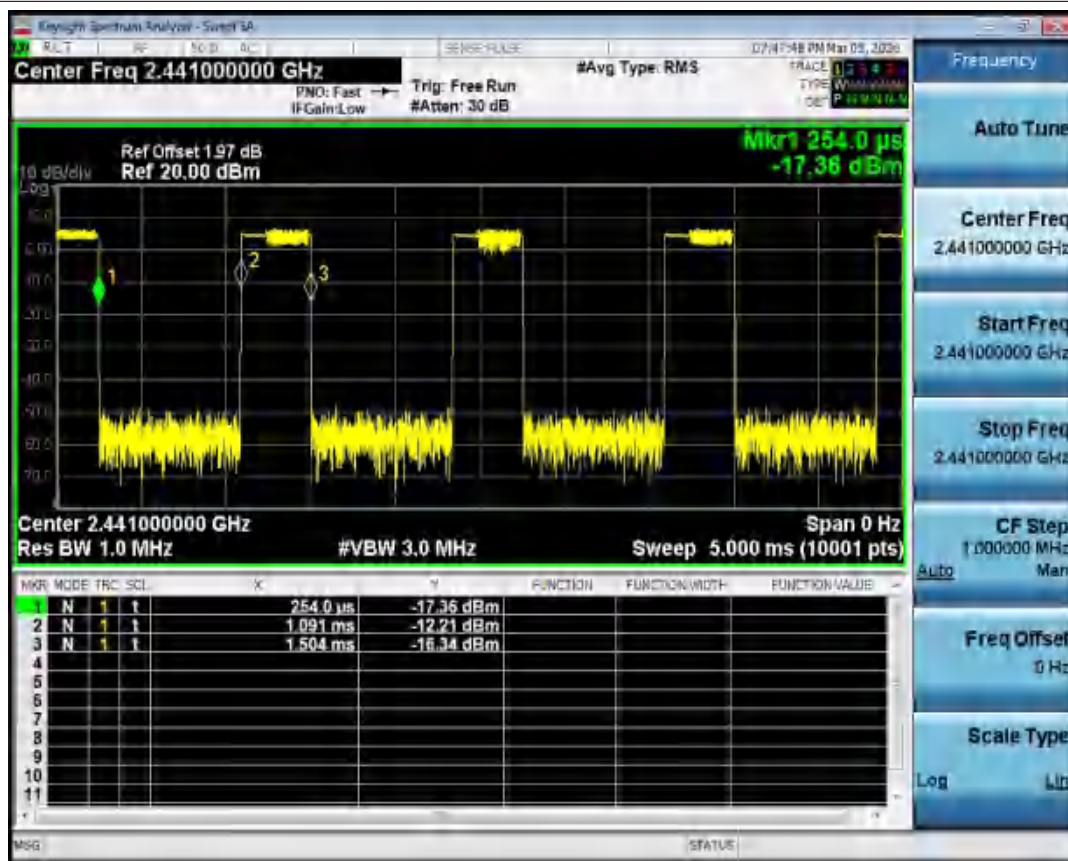
Duty Cycle NVNT 1-DH1 2441MHz Ant1



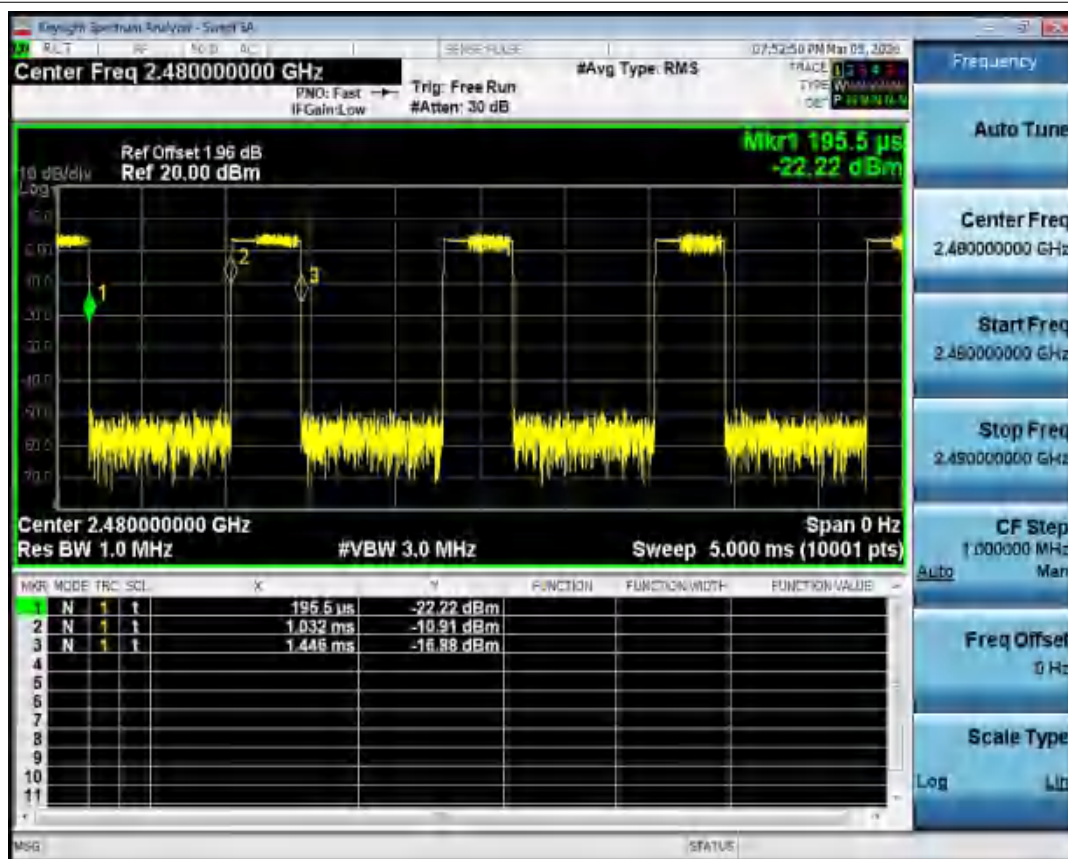
Duty Cycle NVNT 1-DH1 2480MHz Ant1



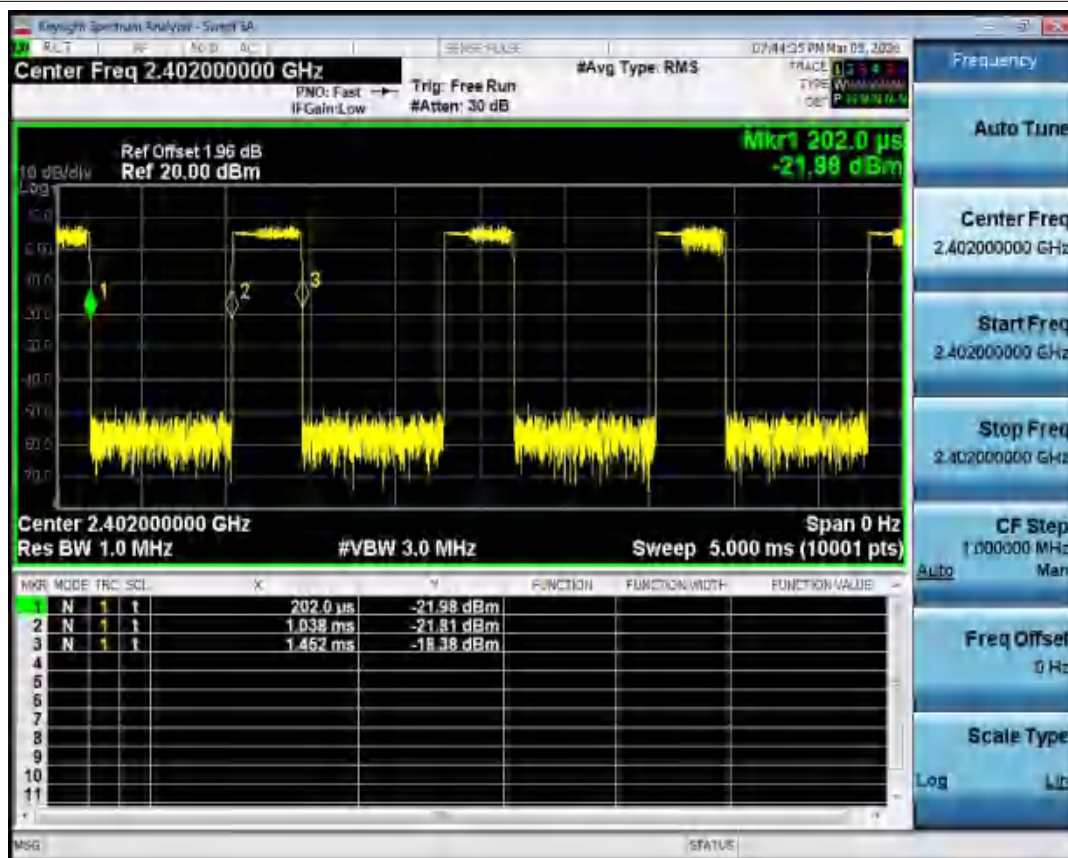
Duty Cycle NVNT 2-DH1 2402MHz Ant1



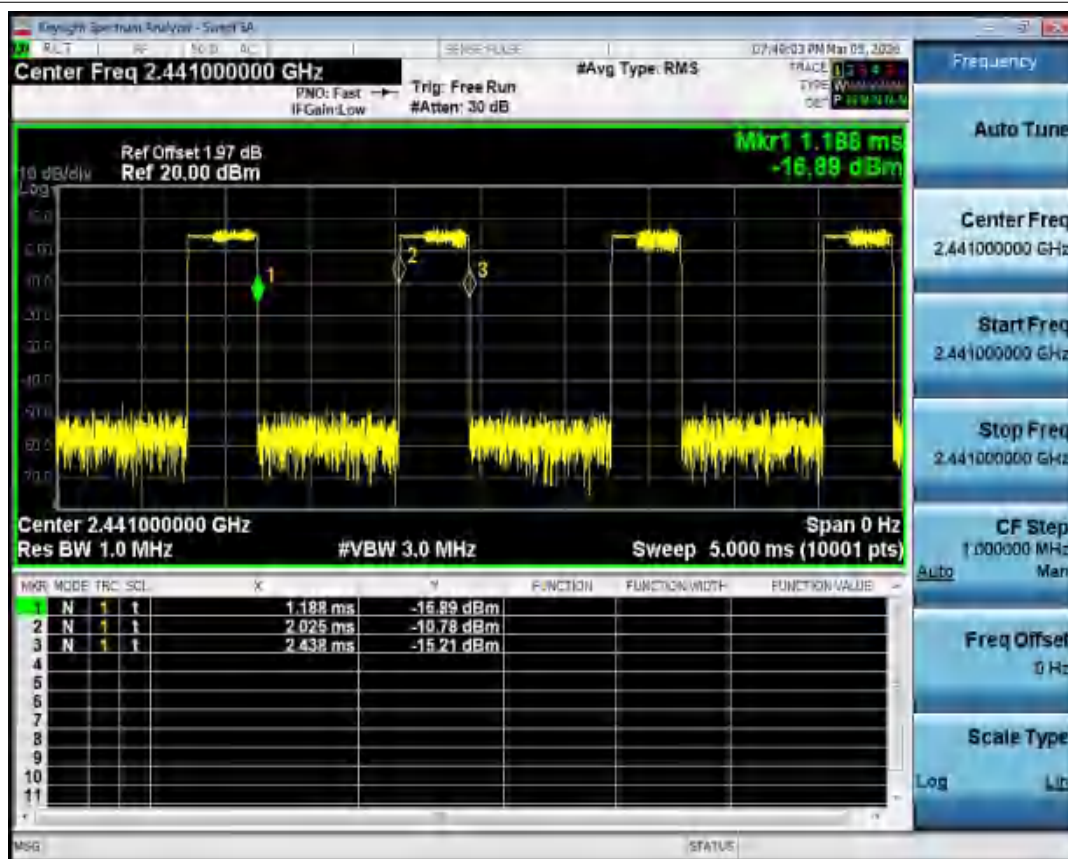
Duty Cycle NVNT 2-DH1 2441MHz Ant1



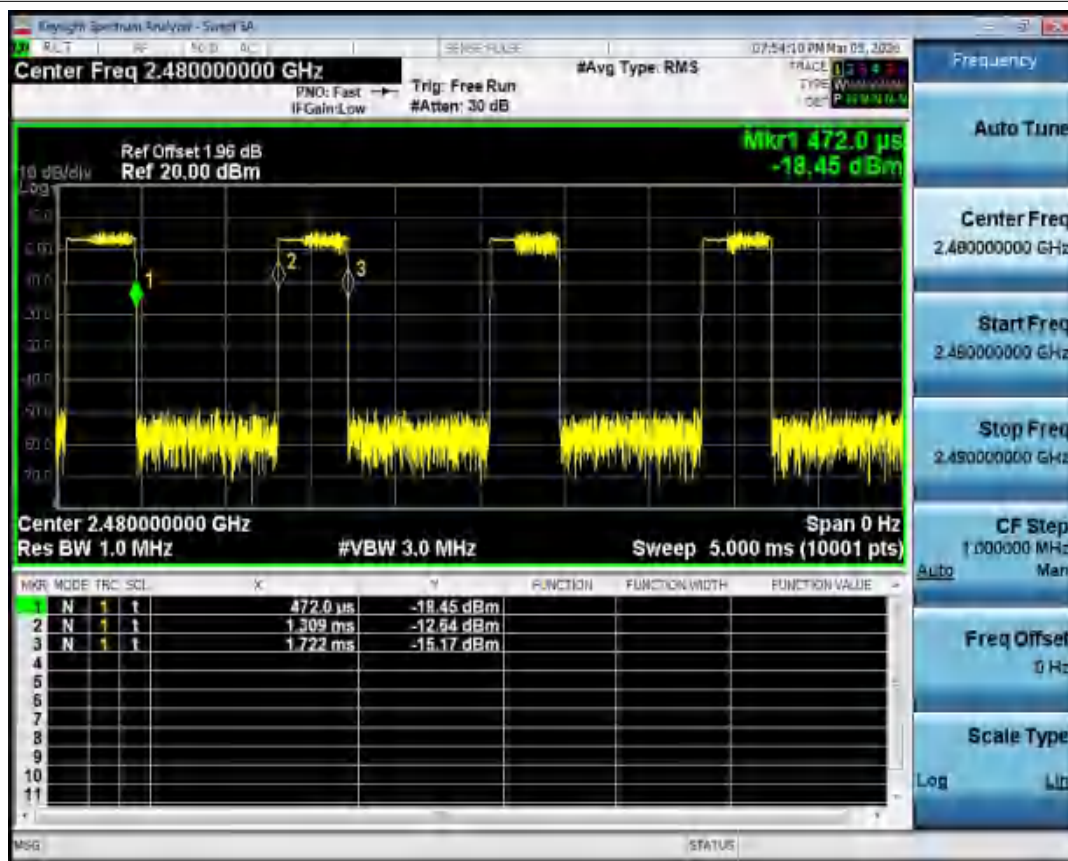
Duty Cycle NVNT 2-DH1 2480MHz Ant1



Duty Cycle NVNT 3-DH1 2402MHz Ant1



Duty Cycle NVNT 3-DH1 2441MHz Ant1



Duty Cycle NVNT 3-DH1 2480MHz Ant1

Maximum Peak Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Conducted Power (dBm)	Total Conducted Power (W)	Limit Conducted(dBm)	Verdict
NVNT	1-DH1	2402	Ant1	7.17	0	7.17	0.00521	30	Pass
NVNT	1-DH1	2441	Ant1	4.73	0	4.73	0.00297	30	Pass
NVNT	1-DH1	2480	Ant1	3.41	0	3.41	0.00219	30	Pass
NVNT	2-DH1	2402	Ant1	7.13	0	7.13	0.00516	30	Pass
NVNT	2-DH1	2441	Ant1	6.69	0	6.69	0.00467	30	Pass
NVNT	2-DH1	2480	Ant1	5.41	0	5.41	0.00348	30	Pass
NVNT	3-DH1	2402	Ant1	7.82	0	7.82	0.00605	30	Pass
NVNT	3-DH1	2441	Ant1	7.33	0	7.33	0.00541	30	Pass
NVNT	3-DH1	2480	Ant1	5.92	0	5.92	0.00391	30	Pass



Peak Power NVNT 1-DH1 2402MHz Ant1



Peak Power NVNT 1-DH1 2441MHz Ant1



Peak Power NVNT 1-DH1 2480MHz Ant1



Peak Power NVNT 2-DH1 2402MHz Ant1



Peak Power NVNT 2-DH1 2441MHz Ant1



Peak Power NVNT 2-DH1 2480MHz Ant1



Peak Power NVNT 3-DH1 2402MHz Ant1



Peak Power NVNT 3-DH1 2441MHz Ant1



Peak Power NVNT 3-DH1 2480MHz Ant1

-20dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-20 dB Bandwidth (MHz)	Limit -20 dB Bandwidth (MHz)	Verdict
NVNT	1-DH1	2402	Ant1	0.9247	0	Pass
NVNT	1-DH1	2441	Ant1	0.9315	0	Pass
NVNT	1-DH1	2480	Ant1	0.9265	0	Pass
NVNT	2-DH1	2402	Ant1	1.258	0	Pass
NVNT	2-DH1	2441	Ant1	1.291	0	Pass
NVNT	2-DH1	2480	Ant1	1.289	0	Pass
NVNT	3-DH1	2402	Ant1	1.231	0	Pass
NVNT	3-DH1	2441	Ant1	1.231	0	Pass
NVNT	3-DH1	2480	Ant1	1.22	0	Pass



-20dB Bandwidth NVNT 1-DH1 2402MHz Ant1



-20dB Bandwidth NVNT 1-DH1 2441MHz Ant1



-20dB Bandwidth NVNT 1-DH1 2480MHz Ant1



-20dB Bandwidth NVNT 2-DH1 2402MHz Ant1



-20dB Bandwidth NVNT 2-DH1 2441MHz Ant1



-20dB Bandwidth NVNT 2-DH1 2480MHz Ant1



-20dB Bandwidth NVNT 3-DH1 2402MHz Ant1



-20dB Bandwidth NVNT 3-DH1 2441MHz Ant1



-20dB Bandwidth NVNT 3-DH1 2480MHz Ant1

Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	1-DH1	2402	Ant1	0.81657
NVNT	1-DH1	2441	Ant1	0.82804
NVNT	1-DH1	2480	Ant1	0.81004
NVNT	2-DH1	2402	Ant1	1.1432
NVNT	2-DH1	2441	Ant1	1.1388
NVNT	2-DH1	2480	Ant1	1.1717
NVNT	3-DH1	2402	Ant1	1.1339
NVNT	3-DH1	2441	Ant1	1.1536
NVNT	3-DH1	2480	Ant1	1.1413



OBW NVNT 1-DH1 2402MHz Ant1



OBW NVNT 1-DH1 2441MHz Ant1



OBW NVNT 1-DH1 2480MHz Ant1



OBW NVNT 2-DH1 2402MHz Ant1



OBW NVNT 2-DH1 2441MHz Ant1



OBW NVNT 2-DH1 2480MHz Ant1



OBW NVNT 3-DH1 2402MHz Ant1



OBW NVNT 3-DH1 2441MHz Ant1



OBW NVNT 3-DH1 2480MHz Ant1

Carrier Frequencies Separation

Condition	Mode	Antenna	Hopping Freq1 (MHz)	Hopping Freq2 (MHz)	HFS (MHz)	Limit (MHz)	Verdict
NVNT	1-DH1	Ant1	2402	2403.008	1.008	0.616	Pass
NVNT	1-DH1	Ant1	2440.916	2442.008	1.092	0.621	Pass
NVNT	1-DH1	Ant1	2478.826	2479.906	1.08	0.618	Pass
NVNT	2-DH1	Ant1	2401.998	2403.004	1.006	0.839	Pass
NVNT	2-DH1	Ant1	2441.132	2441.998	0.866	0.861	Pass
NVNT	2-DH1	Ant1	2479.002	2480.124	1.122	0.859	Pass
NVNT	3-DH1	Ant1	2401.998	2403.004	1.006	0.821	Pass
NVNT	3-DH1	Ant1	2441.002	2442.01	1.008	0.821	Pass
NVNT	3-DH1	Ant1	2479	2479.996	0.996	0.813	Pass



CFS NVNT 1-DH1 2402MHz Ant1



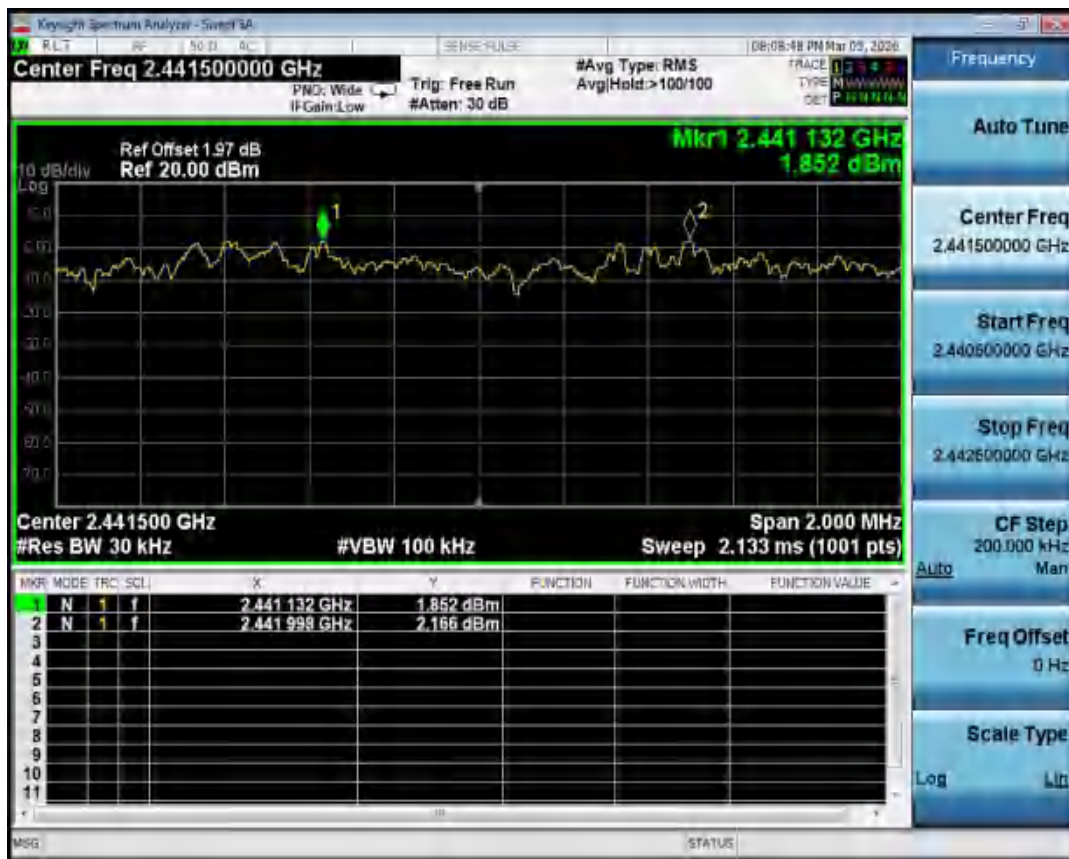
CFS NVNT 1-DH1 2441MHz Ant1



CFS NVNT 1-DH1 2480MHz Ant1



CFS NVNT 2-DH1 2402MHz Ant1



CFS NVNT 2-DH1 2441MHz Ant1



CFS NVNT 2-DH1 2480MHz Ant1



CFS NVNT 3-DH1 2402MHz Ant1



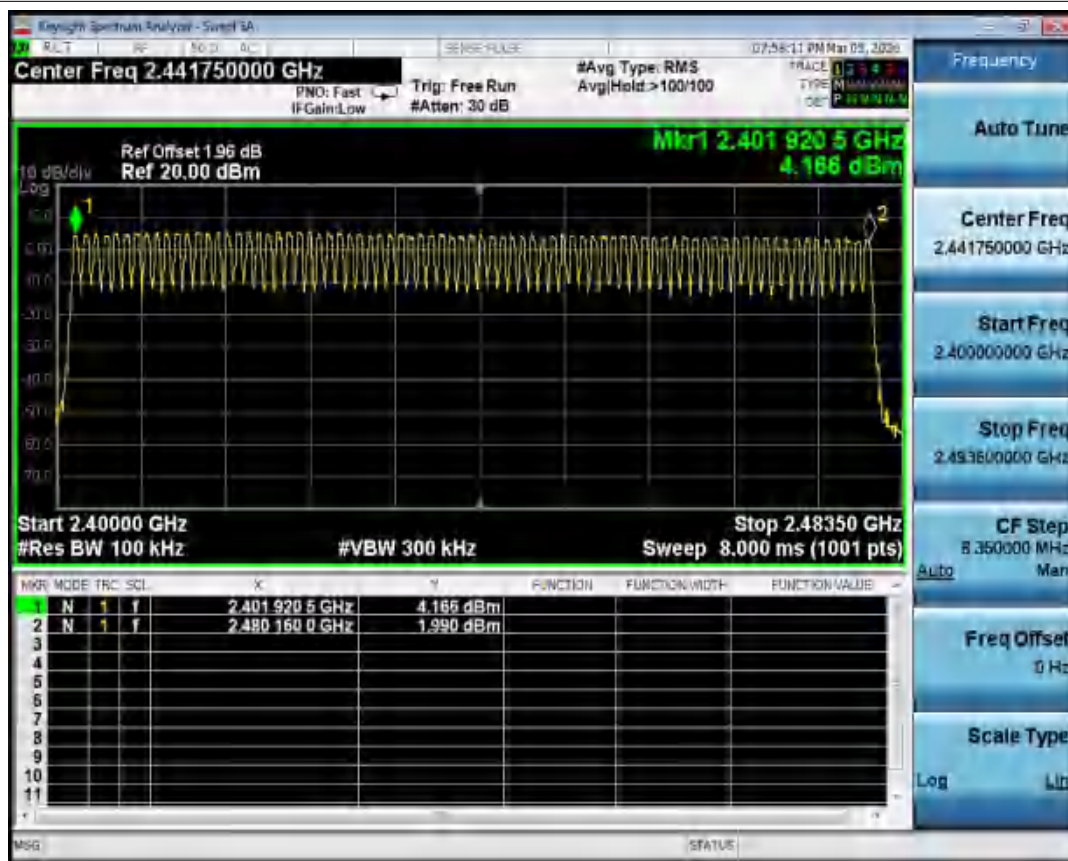
CFS NVNT 3-DH1 2441MHz Ant1



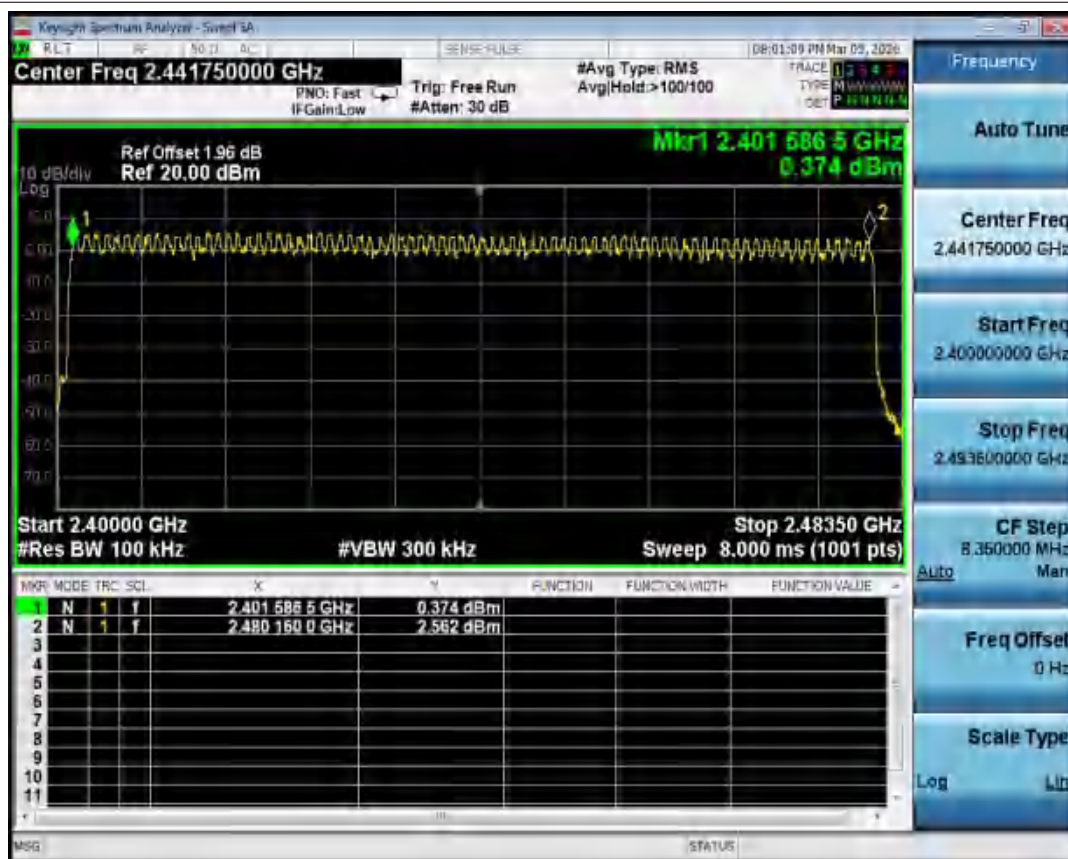
CFS NVNT 3-DH1 2480MHz Ant1

Number of Hopping Channel

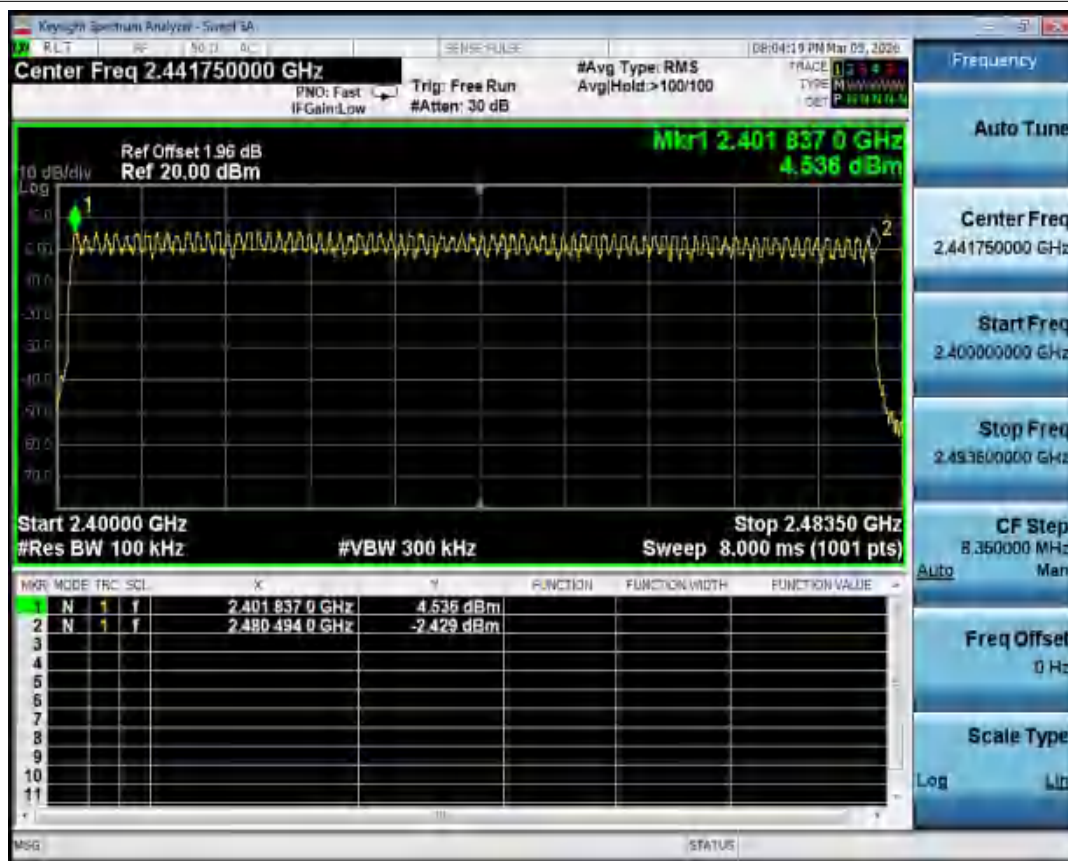
Condition	Mode	Antenna	Hopping Number	Limit	Verdict
NVNT	1-DH1	Ant1	79	15	Pass
NVNT	2-DH1	Ant1	79	15	Pass
NVNT	3-DH1	Ant1	79	15	Pass



Hopping No. NVNT 1-DH1 2402MHz Ant1



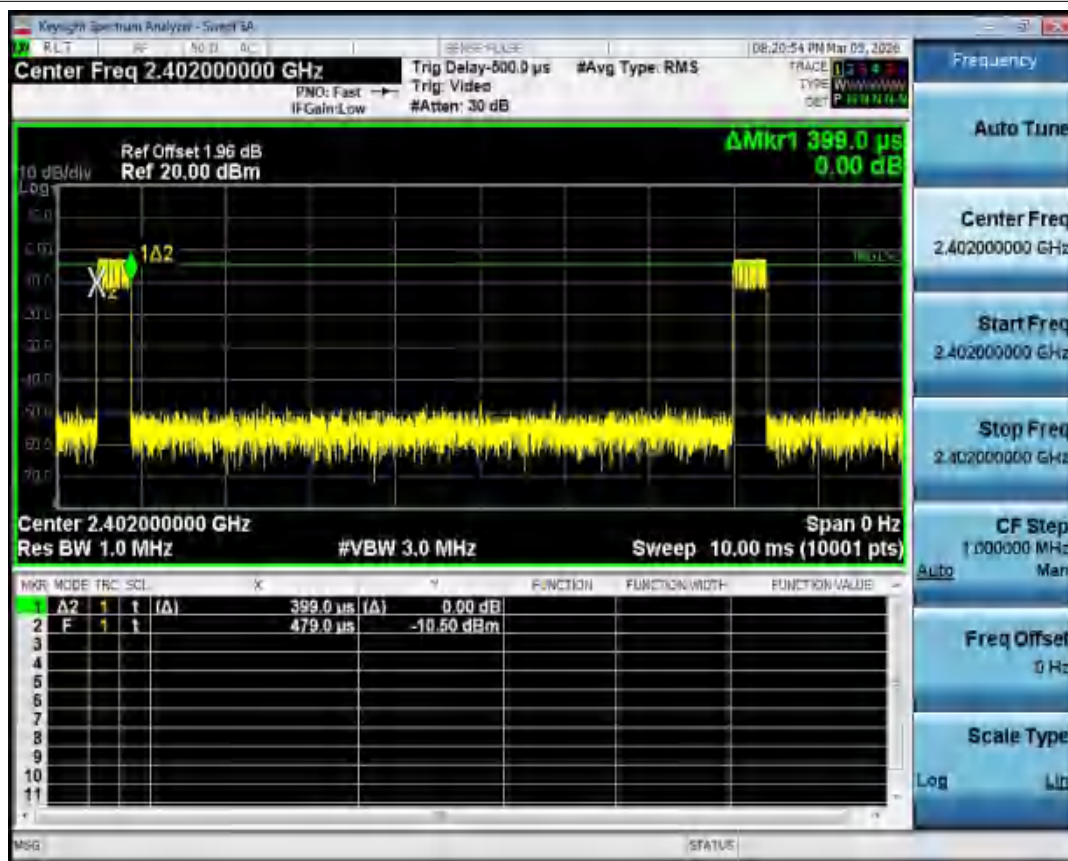
Hopping No. NVNT 2-DH1 2402MHz Ant1



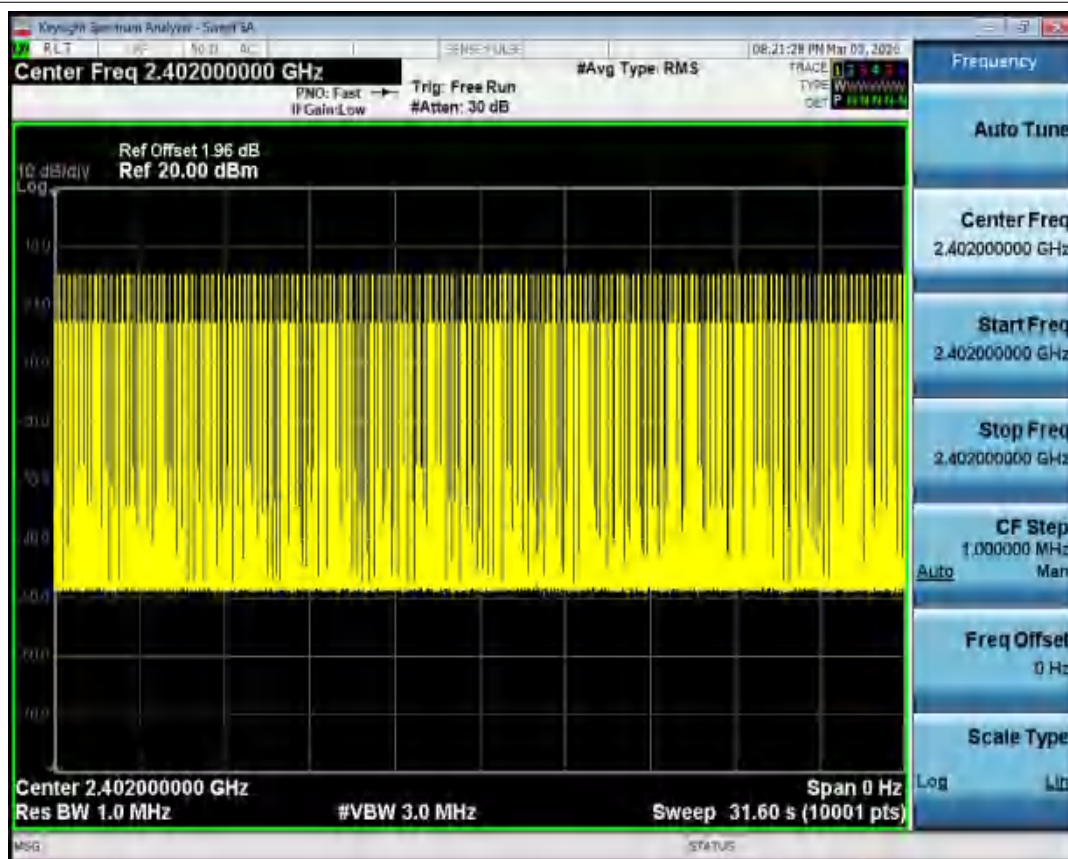
Hopping No. NVNT 3-DH1 2402MHz Ant1

Dwell Time

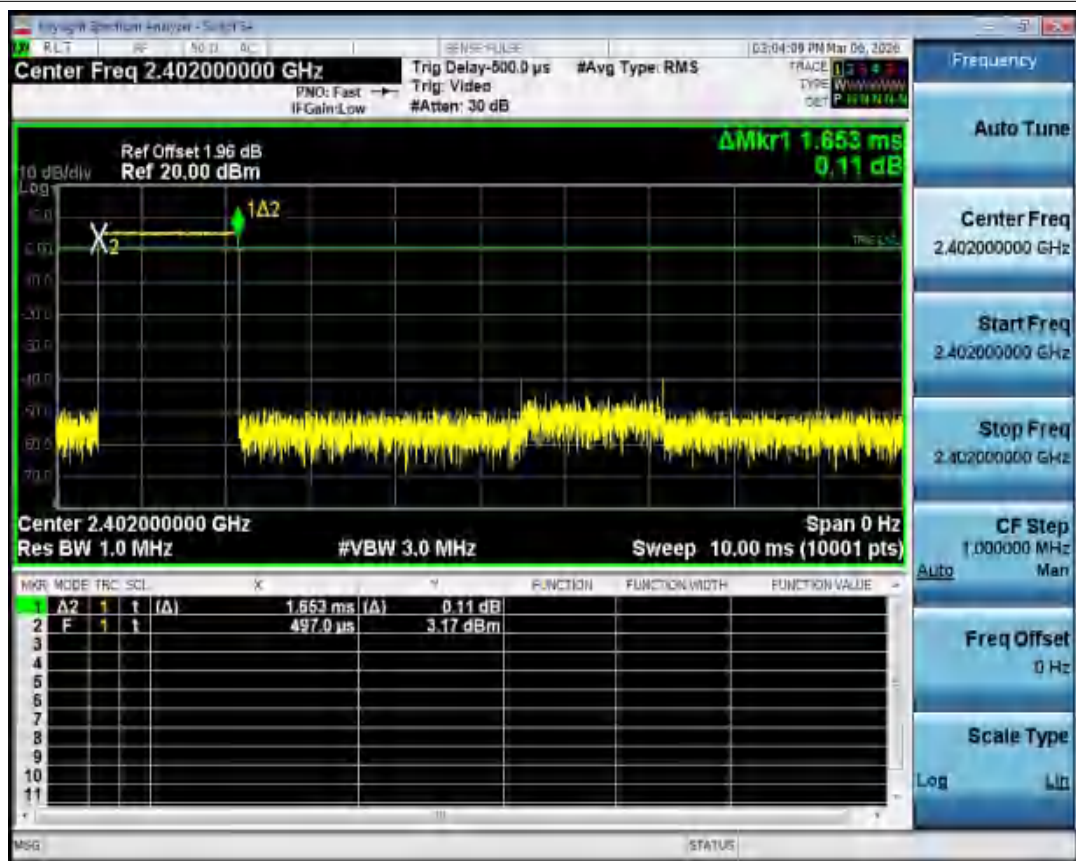
Condition	Mode	Frequency (MHz)	Antenna	Pulse Time (ms)	Total Dwell Time (ms)	Burst Count	Period Time (ms)	Limit (ms)	Verdict
NVNT	1-DH1	2402	Ant1	0.399	199.899	501	31600	400	Pass
NVNT	1-DH3	2402	Ant1	1.653	266.133	161	31600	400	Pass
NVNT	1-DH5	2402	Ant1	2.902	307.612	106	31600	400	Pass
NVNT	2-DH1	2402	Ant1	0.41	205.41	501	31600	400	Pass
NVNT	2-DH3	2402	Ant1	1.659	247.191	149	31600	400	Pass
NVNT	2-DH5	2402	Ant1	2.907	311.049	107	31600	400	Pass
NVNT	3-DH1	2402	Ant1	0.41	205.41	501	31600	400	Pass
NVNT	3-DH3	2402	Ant1	1.657	268.434	162	31600	400	Pass
NVNT	3-DH5	2402	Ant1	2.907	331.398	114	31600	400	Pass



Dwell NVNT 1-DH1 2402MHz Ant1 One Burst



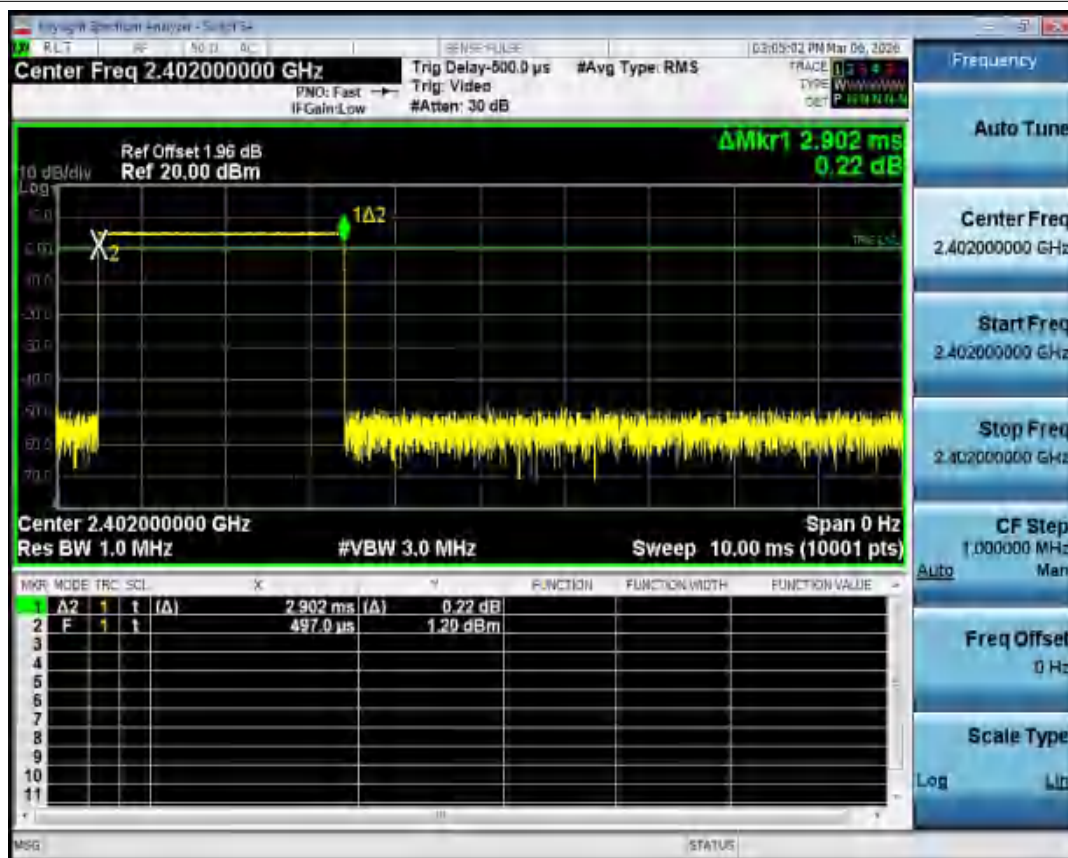
Dwell NVNT 1-DH1 2402MHz Ant1 Accumulated



Dwell NVNT 1-DH3 2402MHz Ant1 One Burst



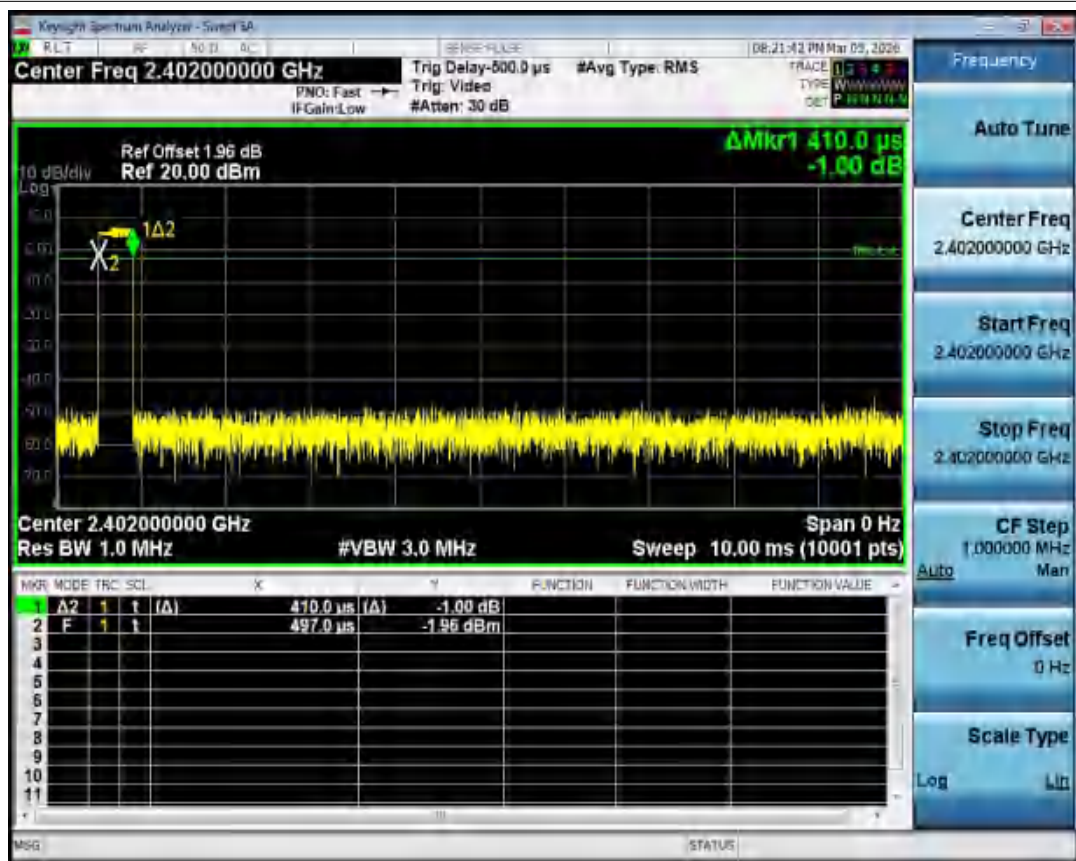
Dwell NVNT 1-DH3 2402MHz Ant1 Accumulated



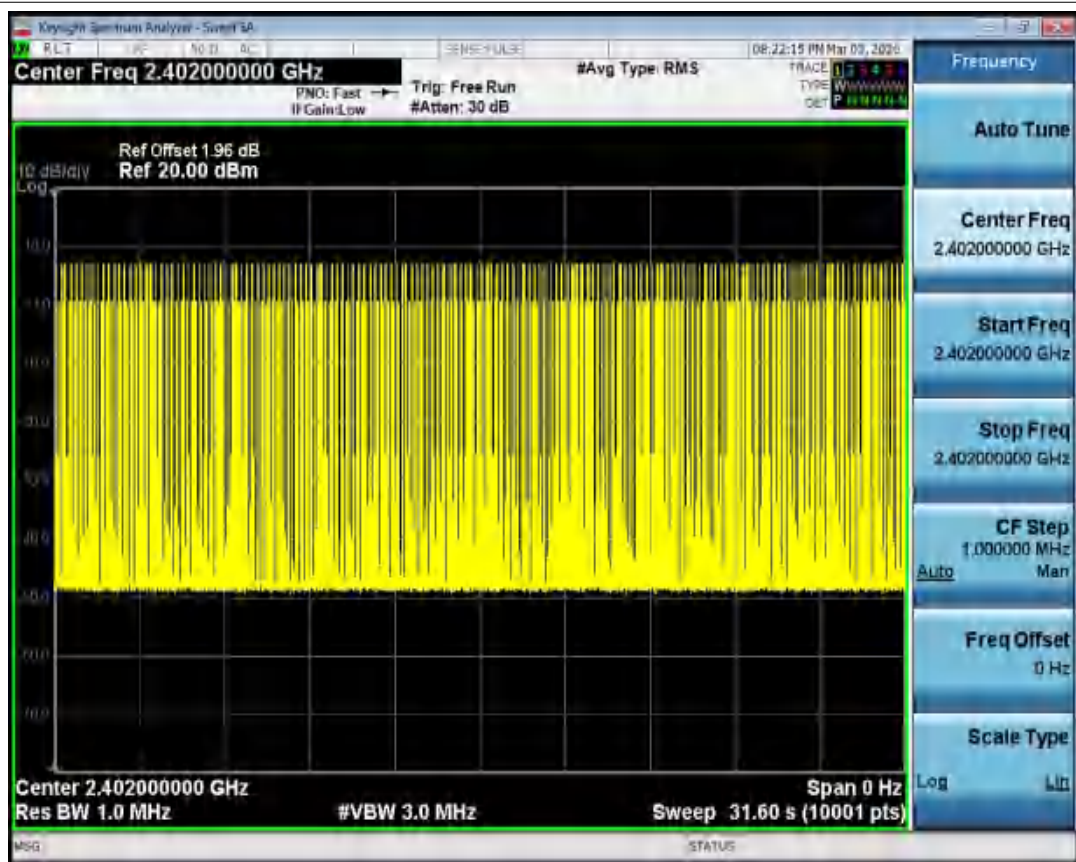
Dwell NVNT 1-DH5 2402MHz Ant1 One Burst



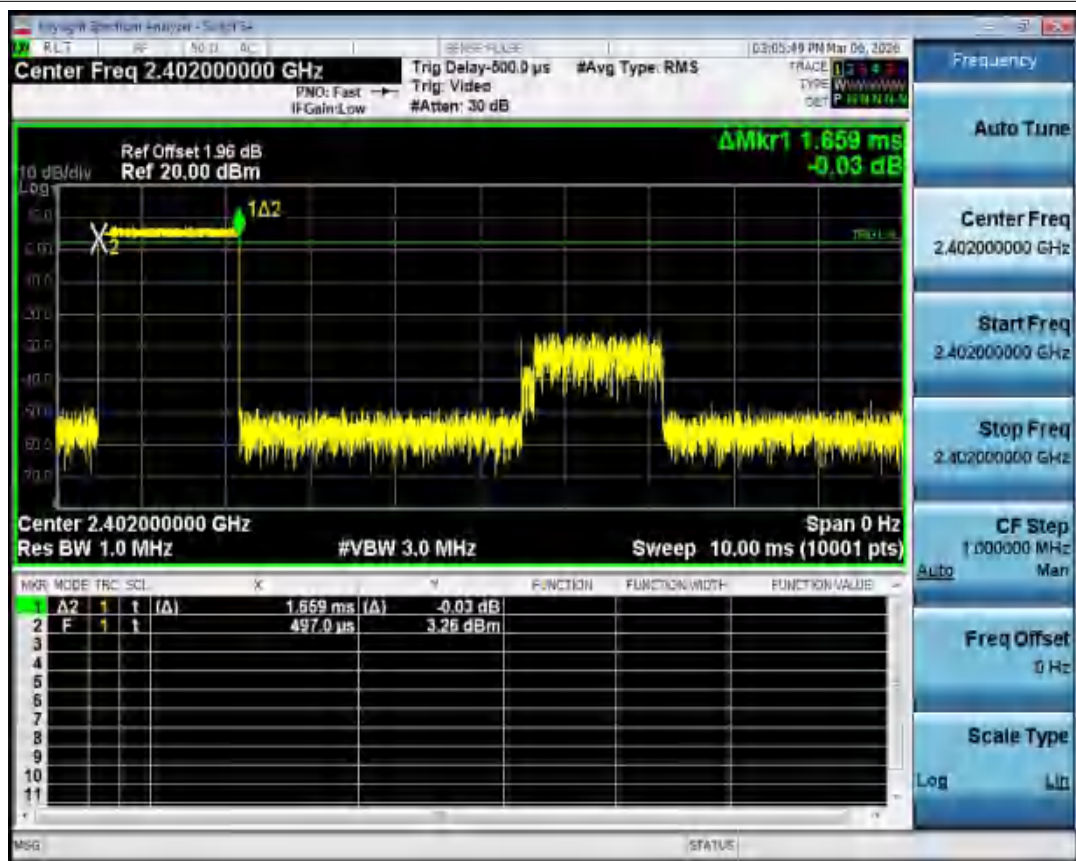
Dwell NVNT 1-DH5 2402MHz Ant1 Accumulated



Dwell NVNT 2-DH1 2402MHz Ant1 One Burst



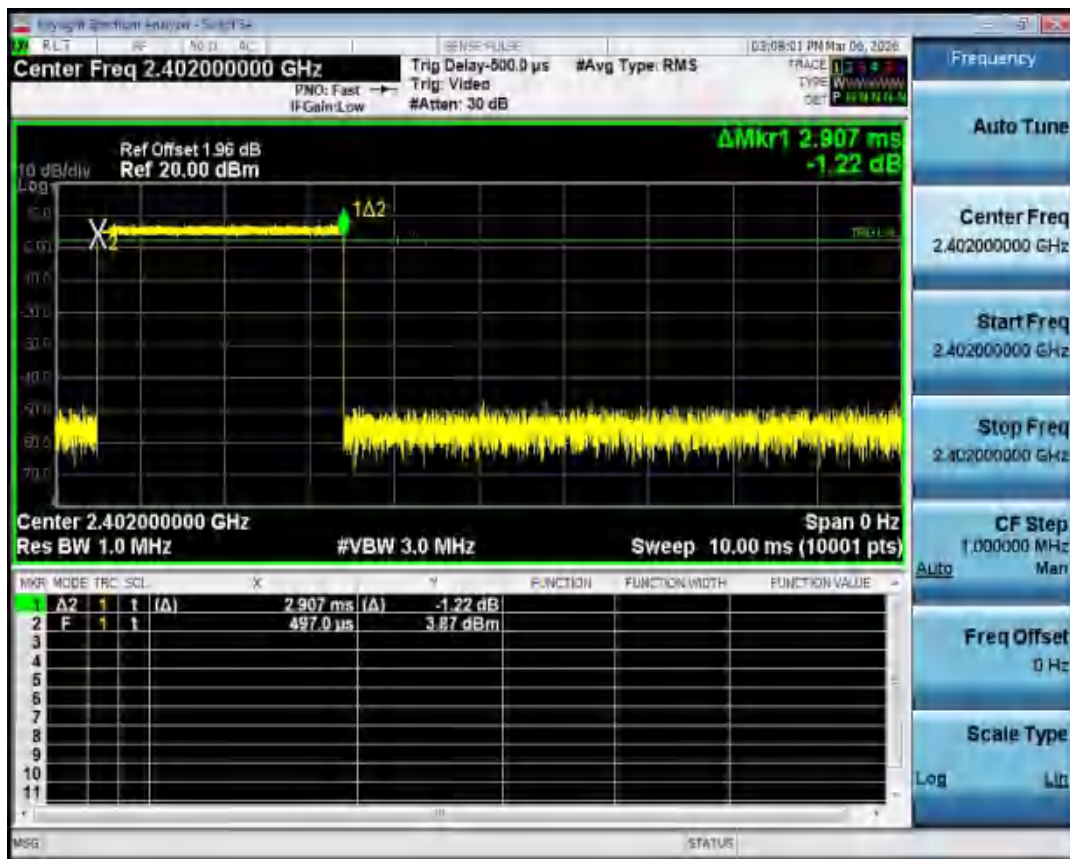
Dwell NVNT 2-DH1 2402MHz Ant1 Accumulated



Dwell NVNT 2-DH3 2402MHz Ant1 One Burst



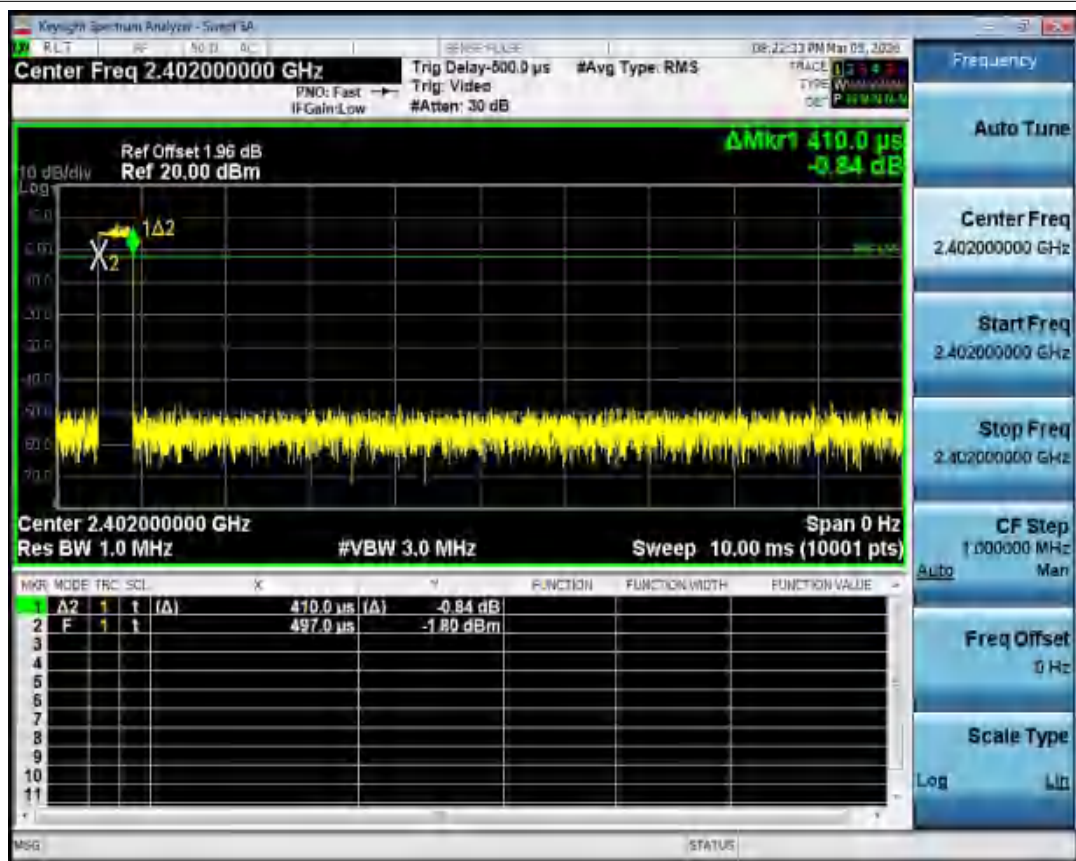
Dwell NVNT 2-DH3 2402MHz Ant1 Accumulated



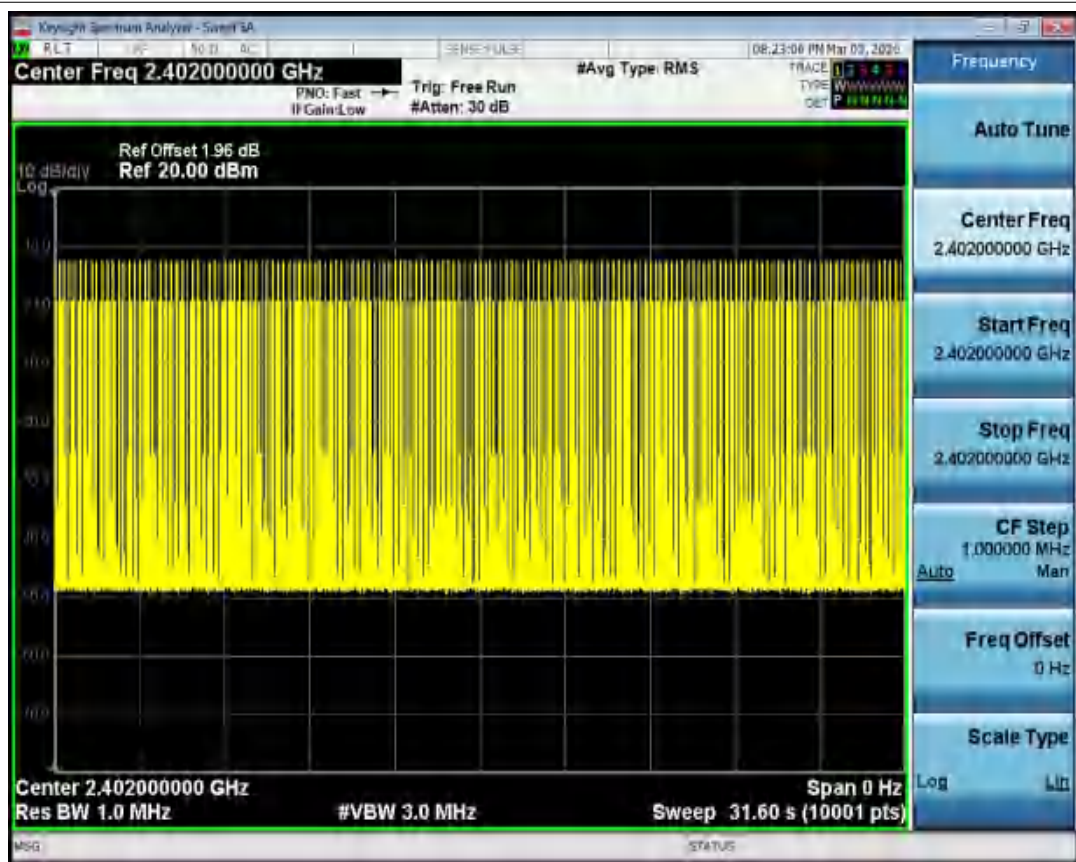
Dwell NVNT 2-DH5 2402MHz Ant1 One Burst



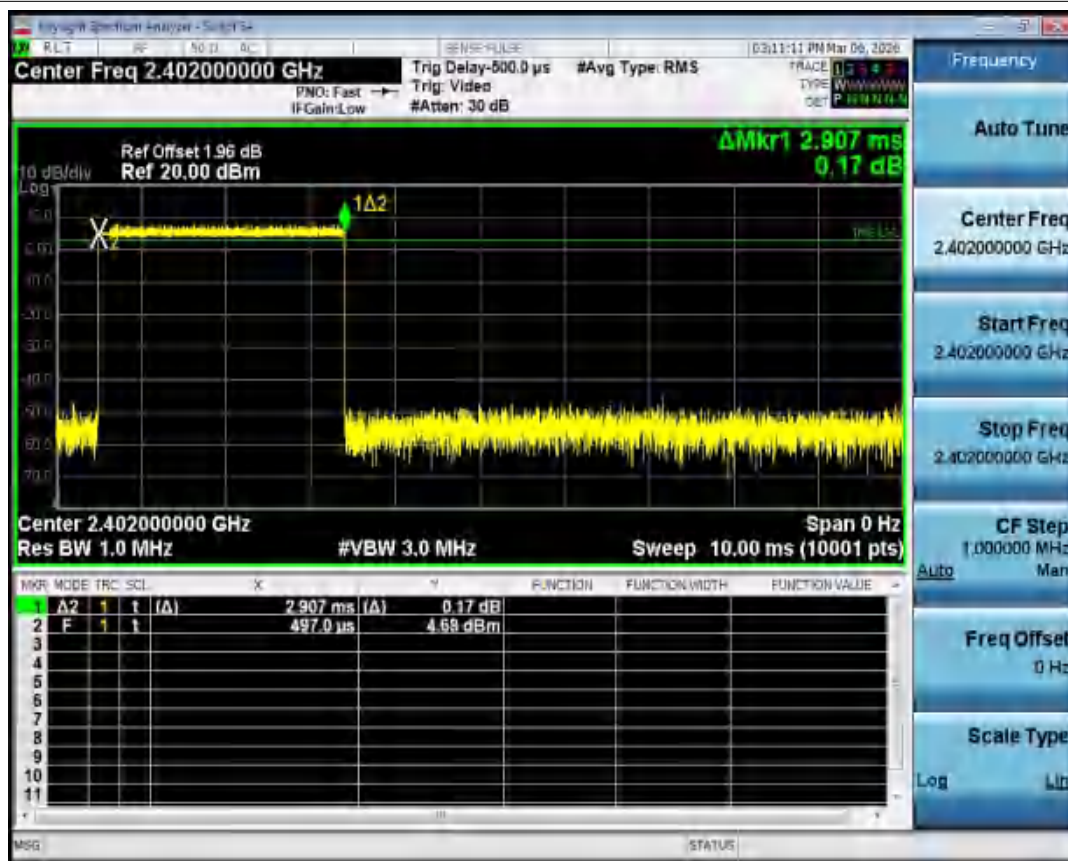
Dwell NVNT 2-DH5 2402MHz Ant1 Accumulated



Dwell NVNT 3-DH1 2402MHz Ant1 One Burst



Dwell NVNT 3-DH1 2402MHz Ant1 Accumulated



Dwell NVNT 3-DH5 2402MHz Ant1 One Burst



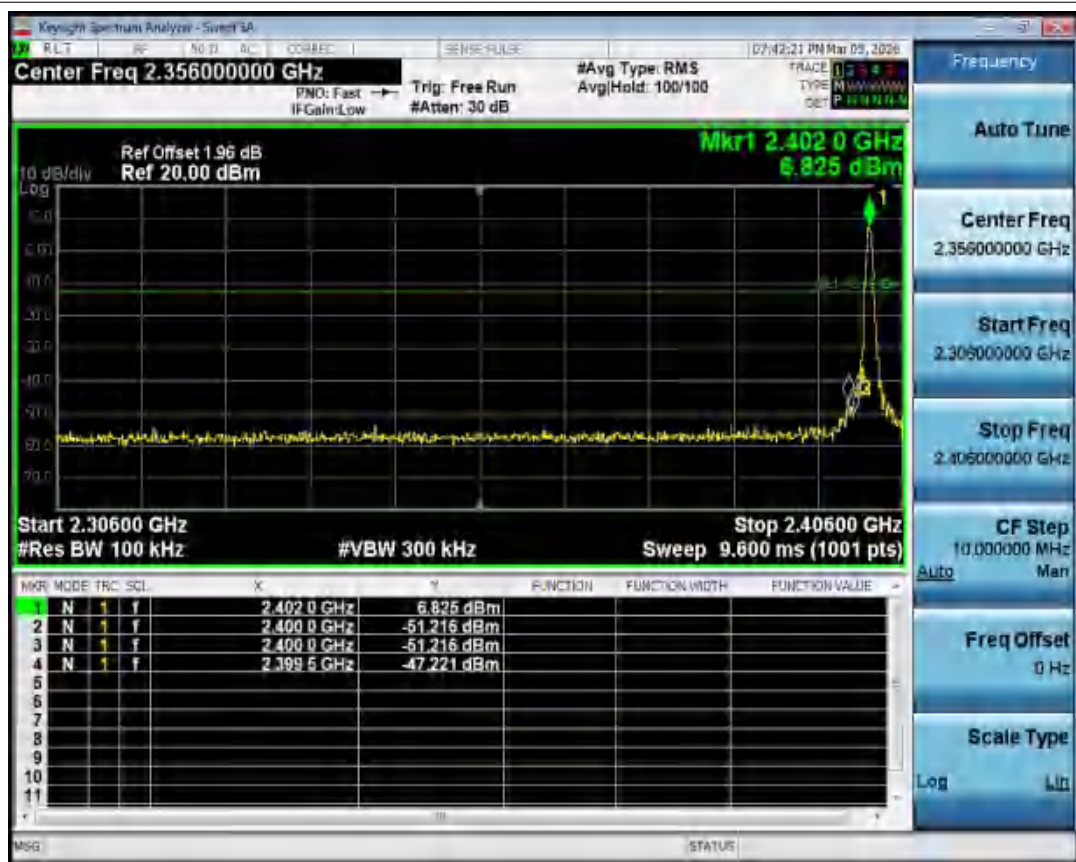
Dwell NVNT 3-DH5 2402MHz Ant1 Accumulated

Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH1	2402	Ant1	No-Hopping	-54.03	-20	Pass
NVNT	1-DH1	2480	Ant1	No-Hopping	-57.93	-20	Pass
NVNT	2-DH1	2402	Ant1	No-Hopping	-52.07	-20	Pass
NVNT	2-DH1	2480	Ant1	No-Hopping	-56.83	-20	Pass
NVNT	3-DH1	2402	Ant1	No-Hopping	-52.6	-20	Pass
NVNT	3-DH1	2480	Ant1	No-Hopping	-57.14	-20	Pass



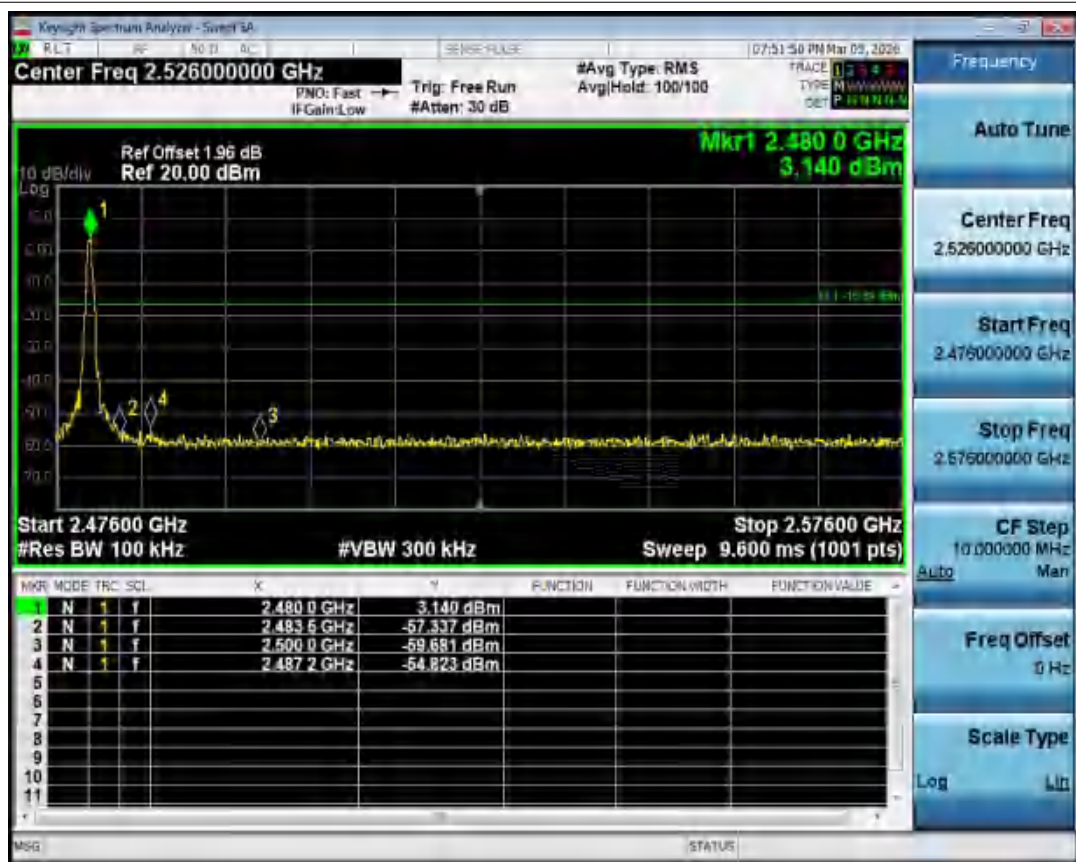
Band Edge NVNT 1-DH1 2402MHz Ant1 No-Hopping Ref



Band Edge NVNT 1-DH1 2402MHz Ant1 No-Hopping Emission



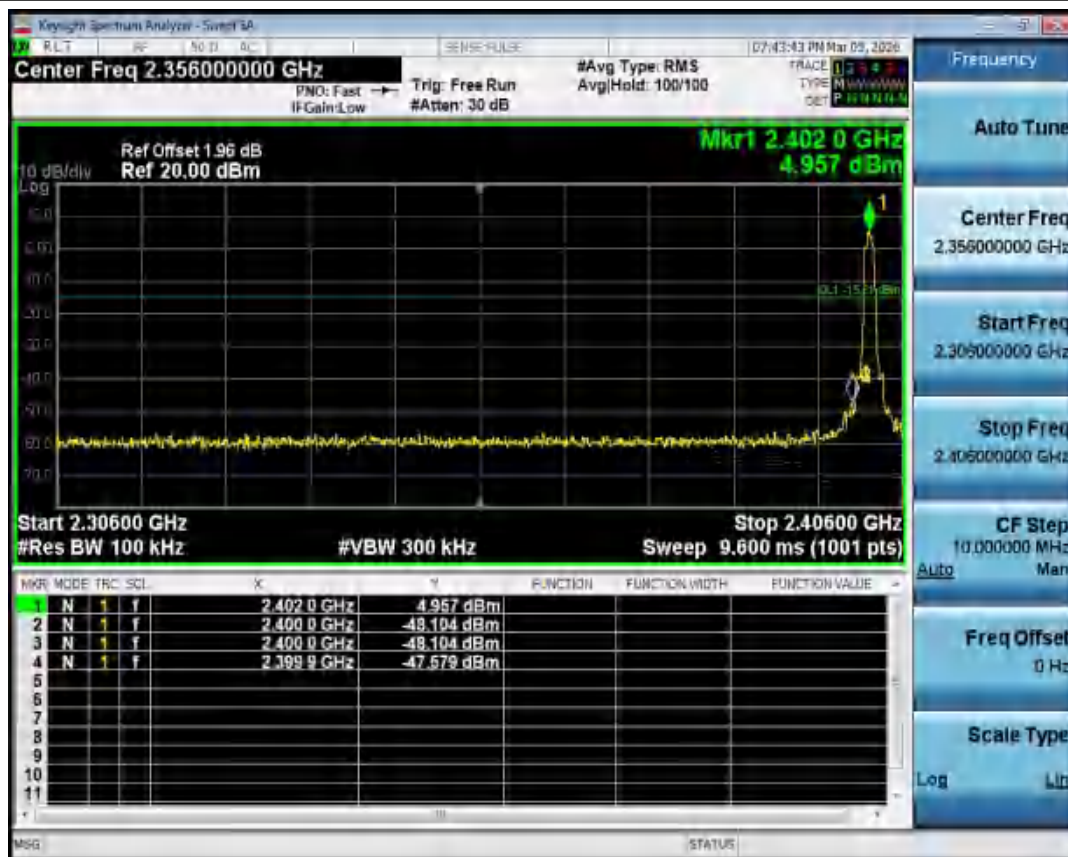
Band Edge NVNT 1-DH1 2480MHz Ant1 No-Hopping Ref



Band Edge NVNT 1-DH1 2480MHz Ant1 No-Hopping Emission



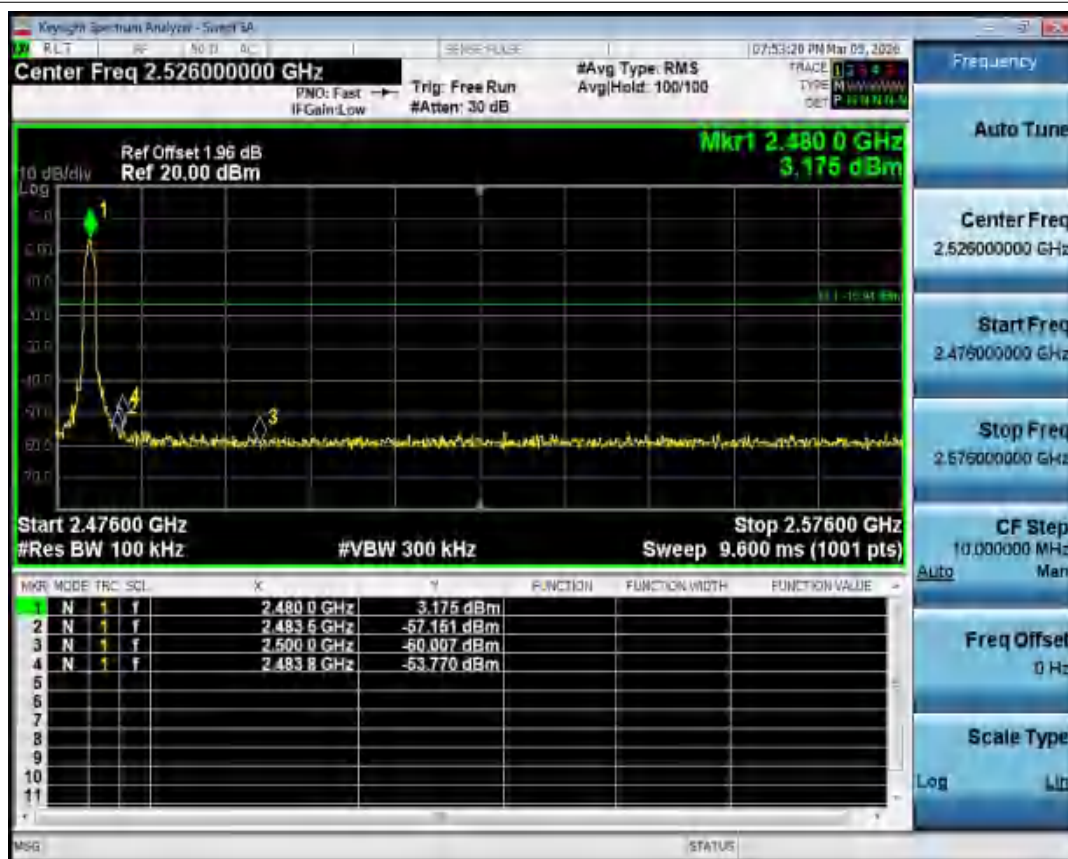
Band Edge NVNT 2-DH1 2402MHz Ant1 No-Hopping Ref



Band Edge NVNT 2-DH1 2402MHz Ant1 No-Hopping Emission



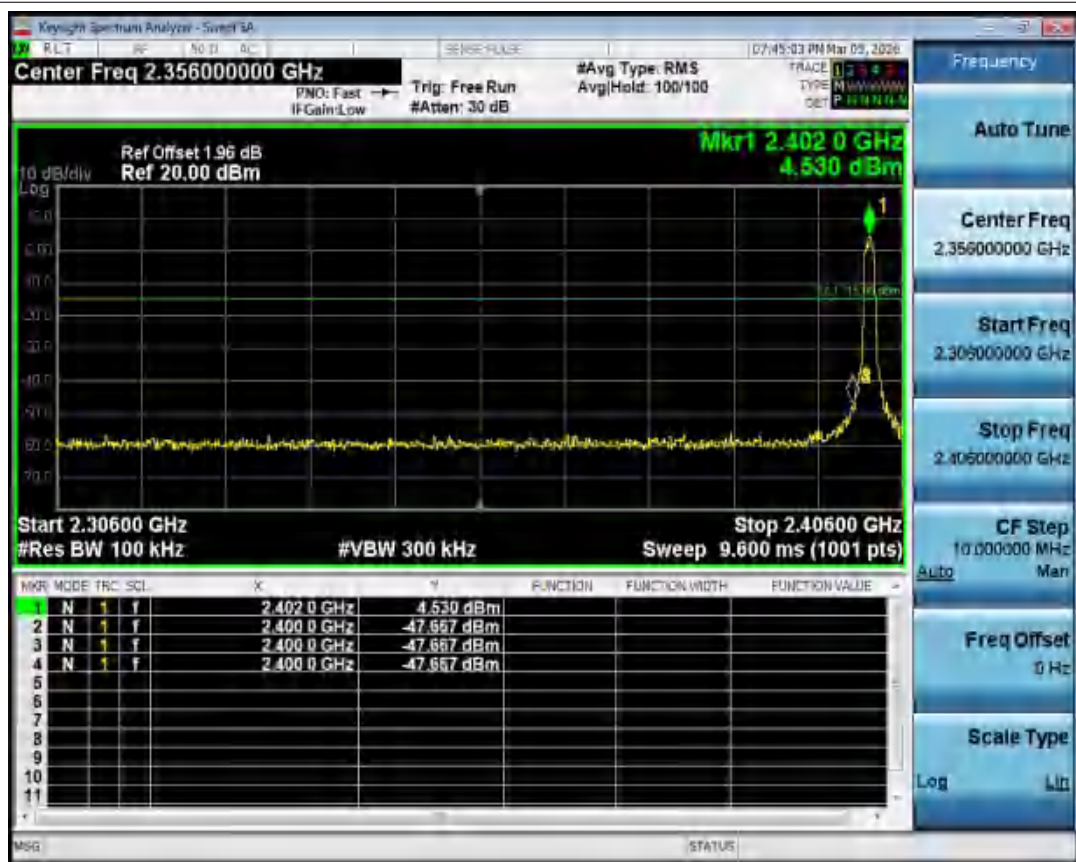
Band Edge NVNT 2-DH1 2480MHz Ant1 No-Hopping Ref



Band Edge NVNT 2-DH1 2480MHz Ant1 No-Hopping Emission



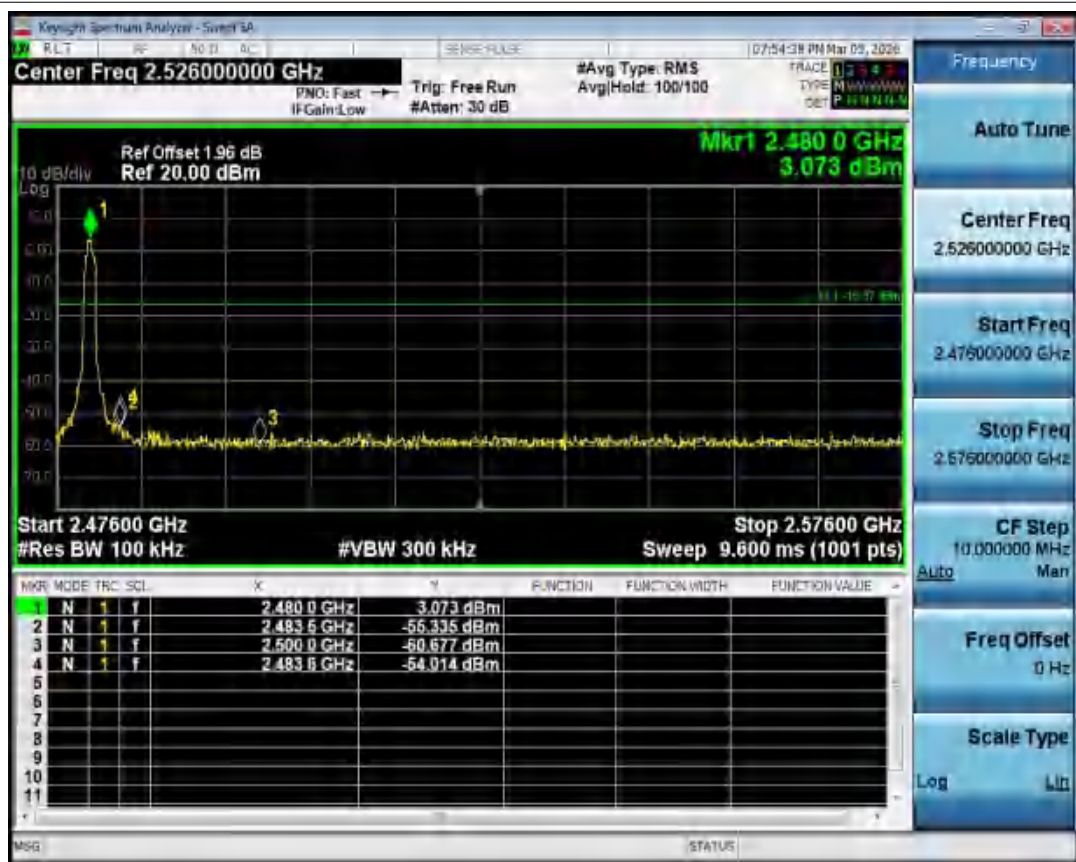
Band Edge NVNT 3-DH1 2402MHz Ant1 No-Hopping Ref



Band Edge NVNT 3-DH1 2402MHz Ant1 No-Hopping Emission



Band Edge NVNT 3-DH1 2480MHz Ant1 No-Hopping Ref



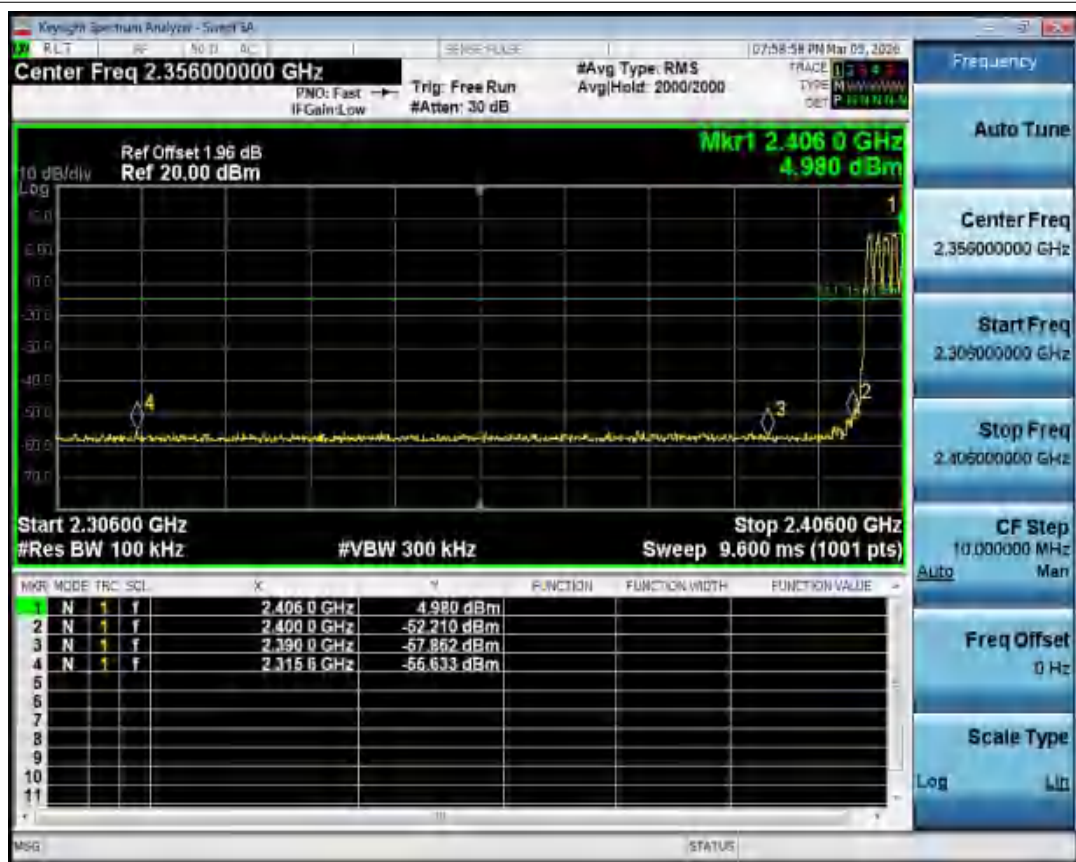
Band Edge NVNT 3-DH1 2480MHz Ant1 No-Hopping Emission

Band Edge(Hopping)

Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH1	2402	Ant1	Hopping	-60.56	-20	Pass
NVNT	1-DH1	2480	Ant1	Hopping	-57.77	-20	Pass
NVNT	2-DH1	2402	Ant1	Hopping	-58.83	-20	Pass
NVNT	2-DH1	2480	Ant1	Hopping	-59.21	-20	Pass
NVNT	3-DH1	2402	Ant1	Hopping	-60.15	-20	Pass
NVNT	3-DH1	2480	Ant1	Hopping	-58.55	-20	Pass



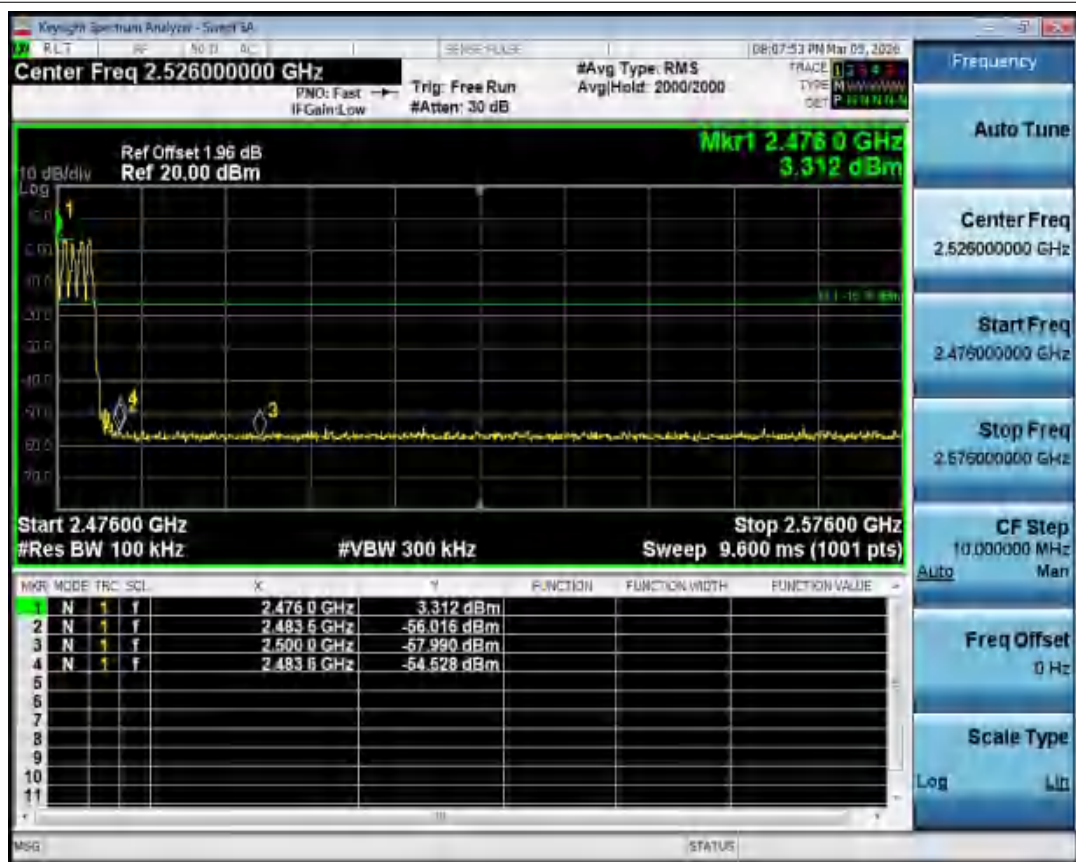
Band Edge(Hopping) NVNT 1-DH1 2402MHz Ant1 Hopping Ref



Band Edge(Hopping) NVNT 1-DH1 2402MHz Ant1 Hopping Emission



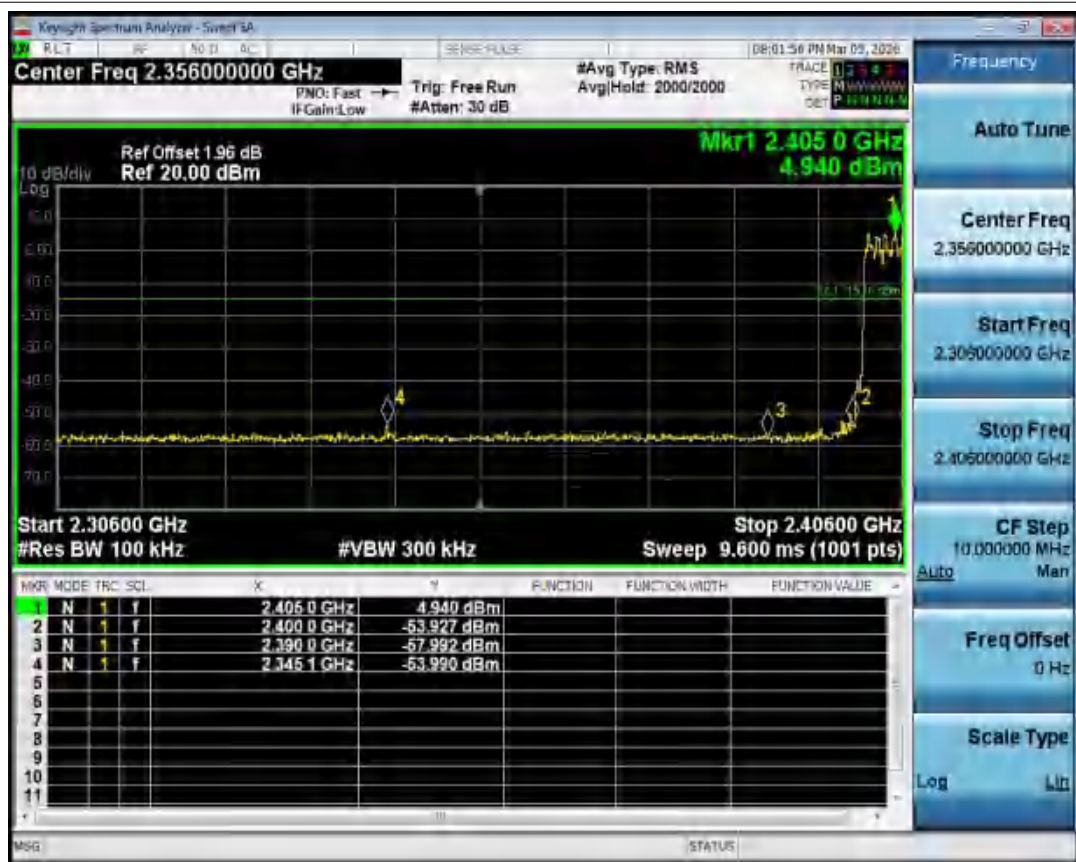
Band Edge(Hopping) NVNT 1-DH1 2480MHz Ant1 Hopping Ref



Band Edge(Hopping) NVNT 1-DH1 2480MHz Ant1 Hopping Emission



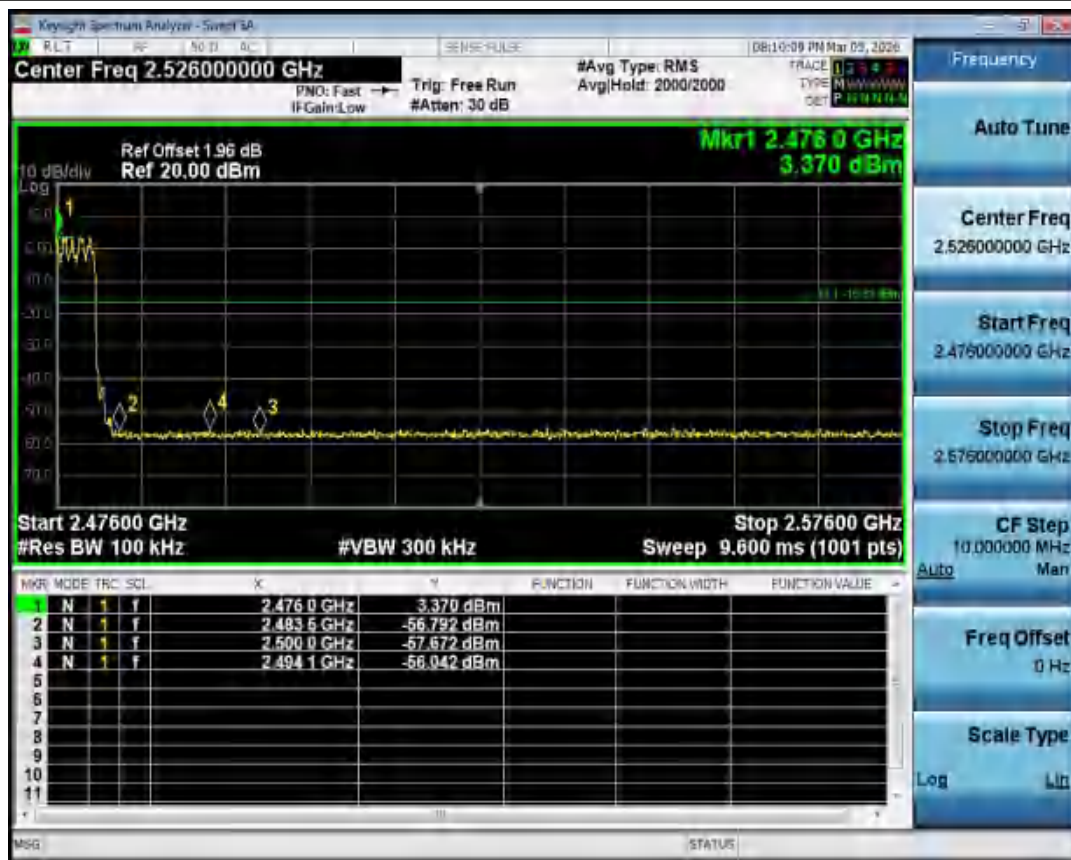
Band Edge(Hopping) NVNT 2-DH1 2402MHz Ant1 Hopping Ref



Band Edge(Hopping) NVNT 2-DH1 2402MHz Ant1 Hopping Emission



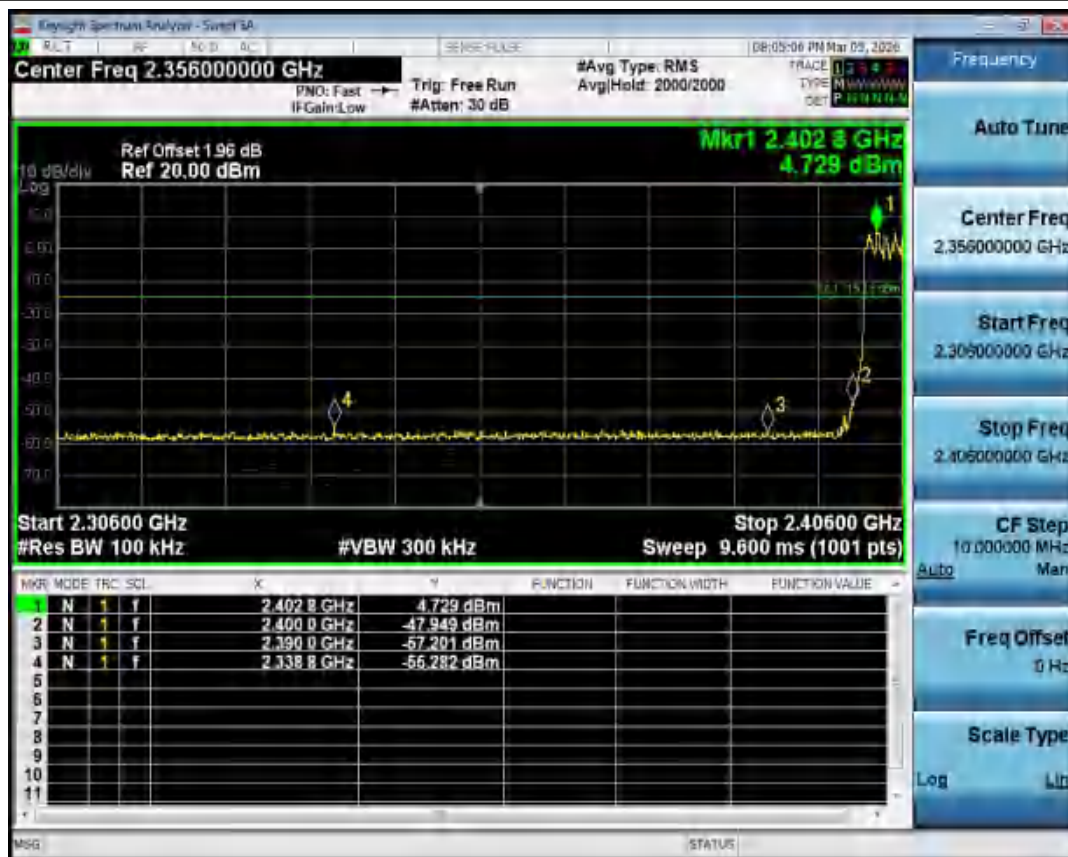
Band Edge(Hopping) NVNT 2-DH1 2480MHz Ant1 Hopping Ref



Band Edge(Hopping) NVNT 2-DH1 2480MHz Ant1 Hopping Emission



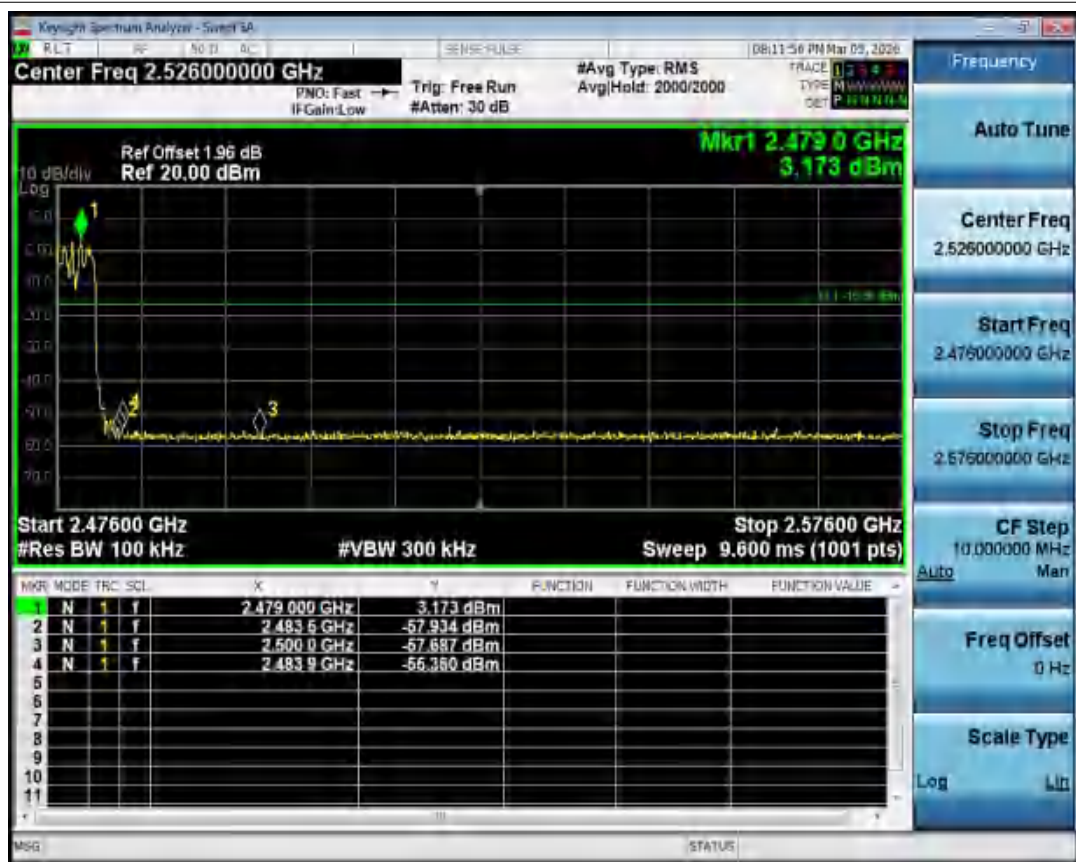
Band Edge(Hopping) NVNT 3-DH1 2402MHz Ant1 Hopping Ref



Band Edge(Hopping) NVNT 3-DH1 2402MHz Ant1 Hopping Emission



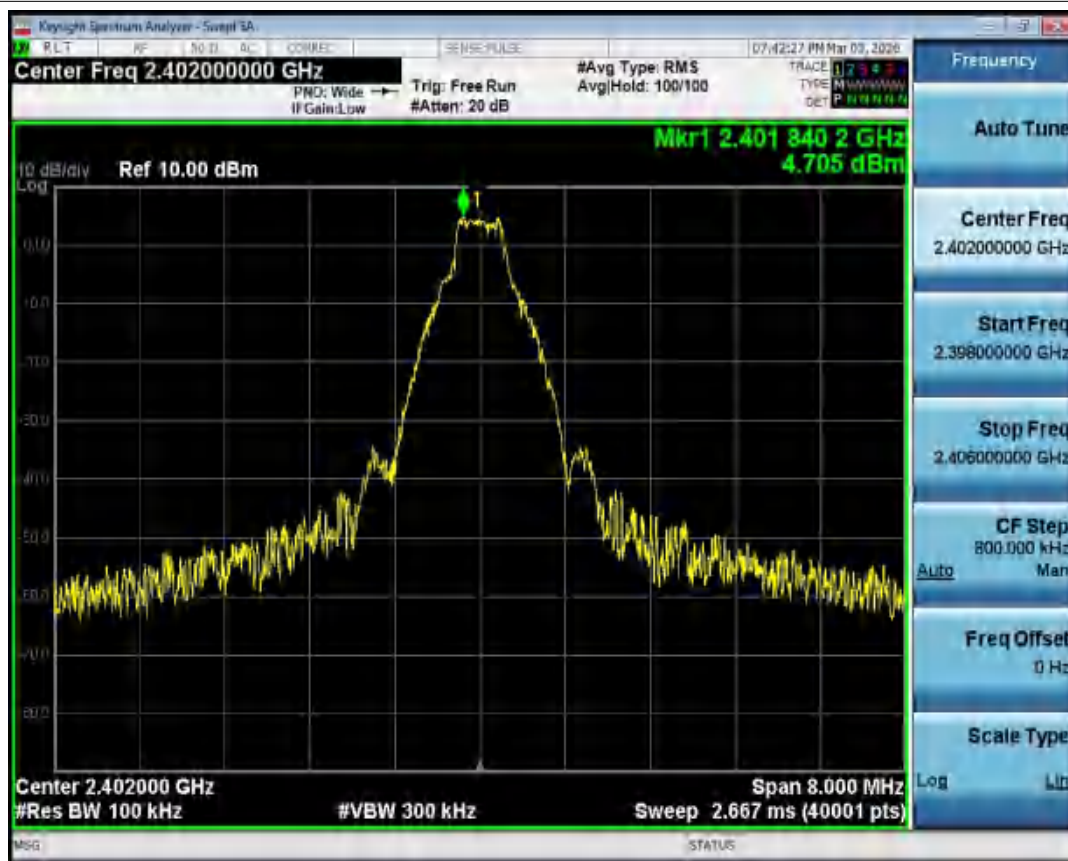
Band Edge(Hopping) NVNT 3-DH1 2480MHz Ant1 Hopping Ref



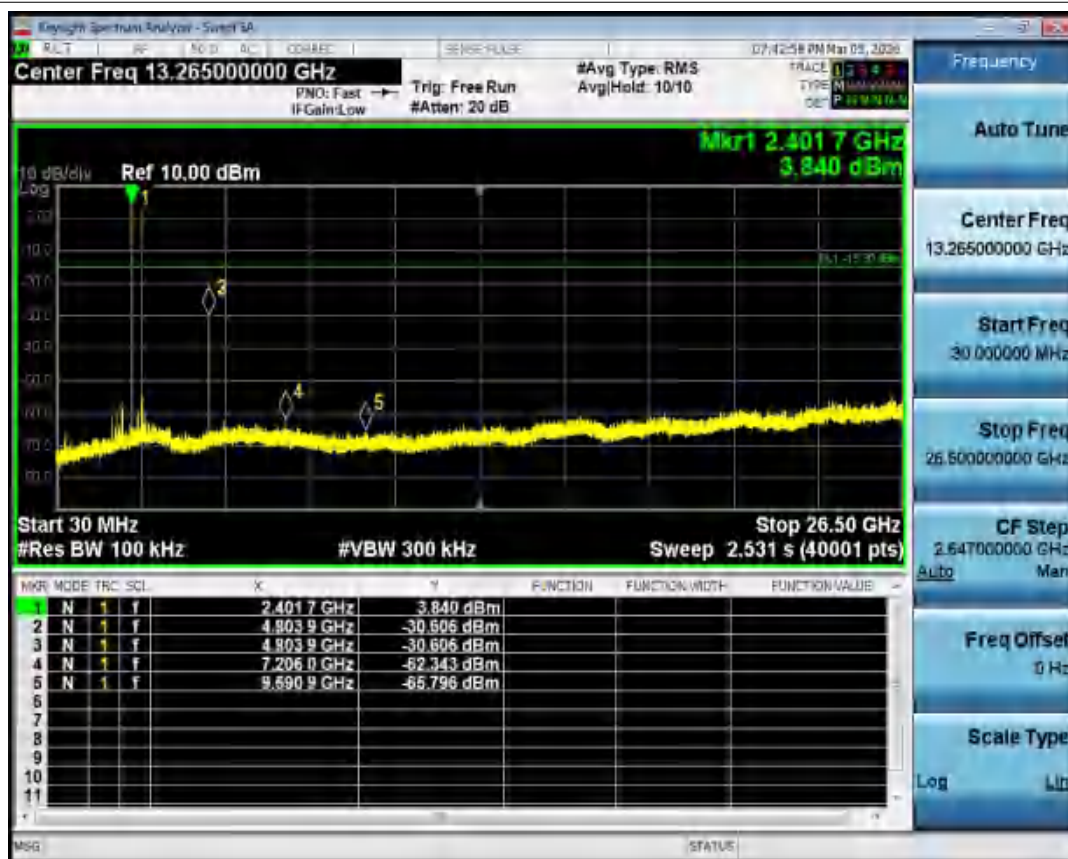
Band Edge(Hopping) NVNT 3-DH1 2480MHz Ant1 Hopping Emission

Conducted RF Spurious Emission

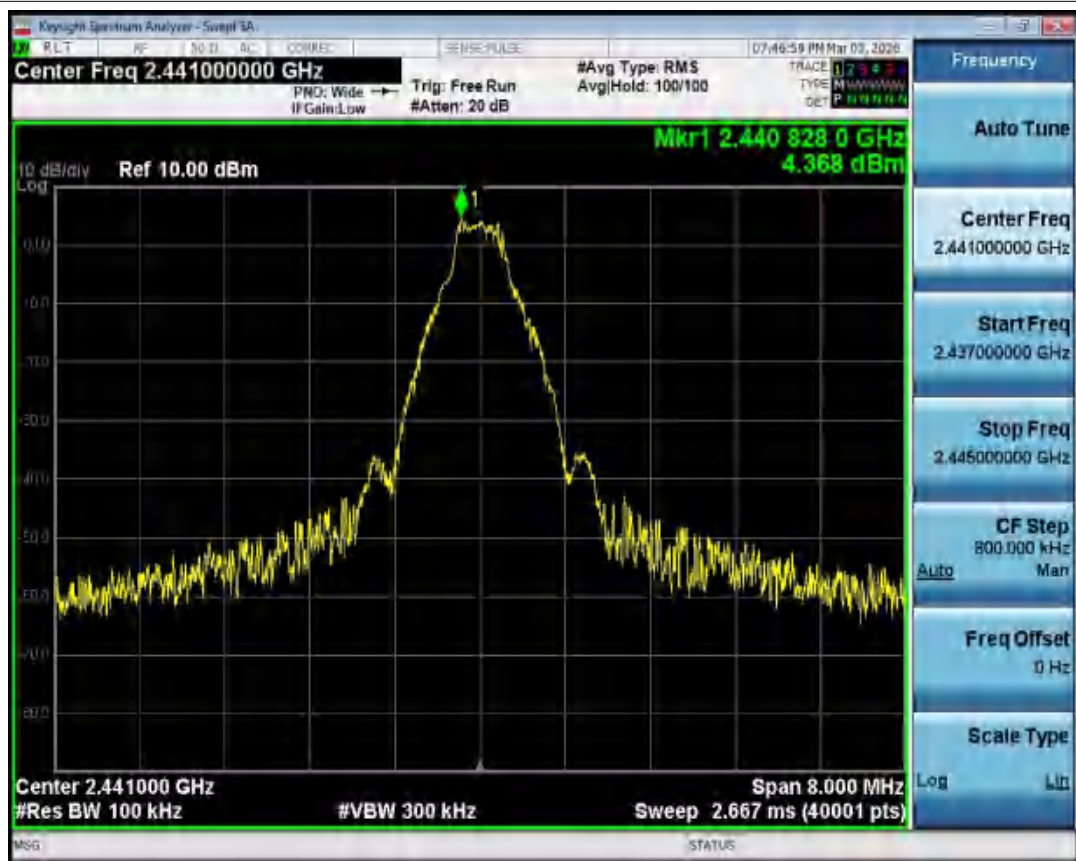
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH1	2402	Ant1	-35.31	-20	Pass
NVNT	1-DH1	2441	Ant1	-33.45	-20	Pass
NVNT	1-DH1	2480	Ant1	-37.72	-20	Pass
NVNT	2-DH1	2402	Ant1	-33.97	-20	Pass
NVNT	2-DH1	2441	Ant1	-38.48	-20	Pass
NVNT	2-DH1	2480	Ant1	-38.29	-20	Pass
NVNT	3-DH1	2402	Ant1	-34.08	-20	Pass
NVNT	3-DH1	2441	Ant1	-36.38	-20	Pass
NVNT	3-DH1	2480	Ant1	-37.74	-20	Pass



Tx. Spurious NVNT 1-DH1 2402MHz Ant1 Ref



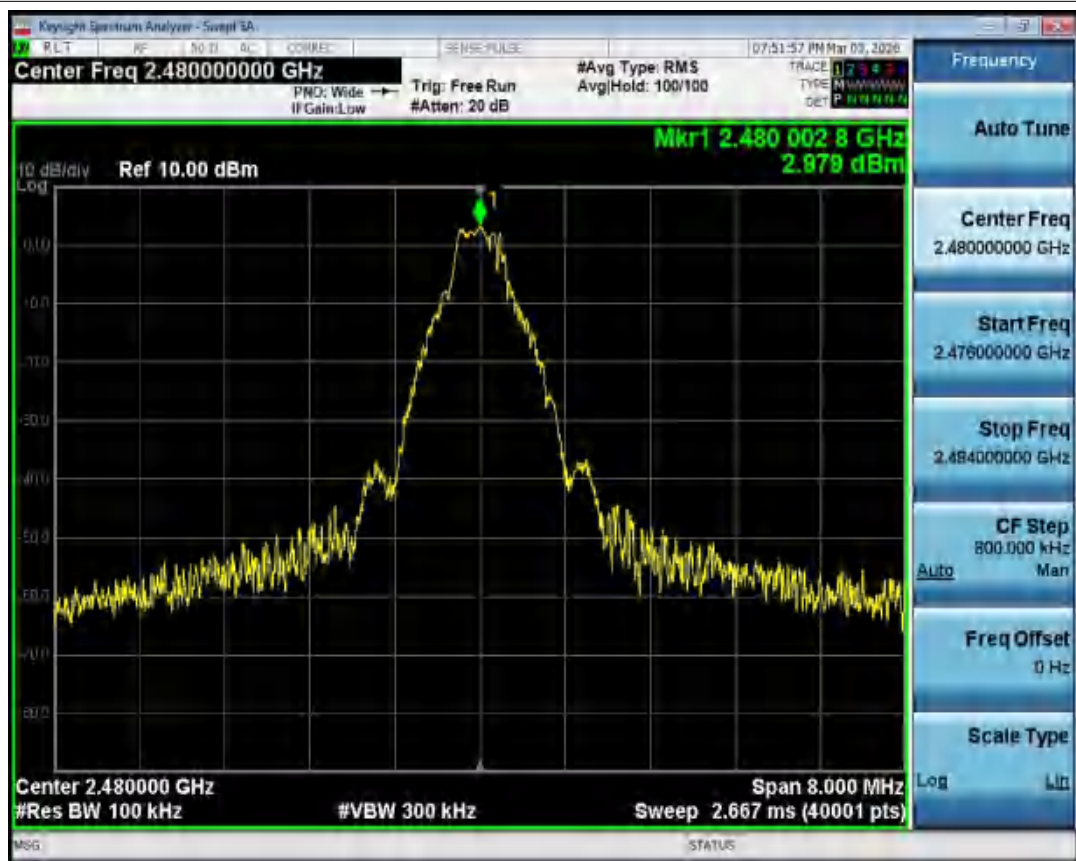
Tx. Spurious NVNT 1-DH1 2402MHz Ant1 Emission



Tx. Spurious NVNT 1-DH1 2441MHz Ant1 Ref



Tx. Spurious NVNT 1-DH1 2441MHz Ant1 Emission



Tx. Spurious NVNT 1-DH1 2480MHz Ant1 Ref



Tx. Spurious NVNT 1-DH1 2480MHz Ant1 Emission



Tx. Spurious NVNT 2-DH1 2402MHz Ant1 Ref



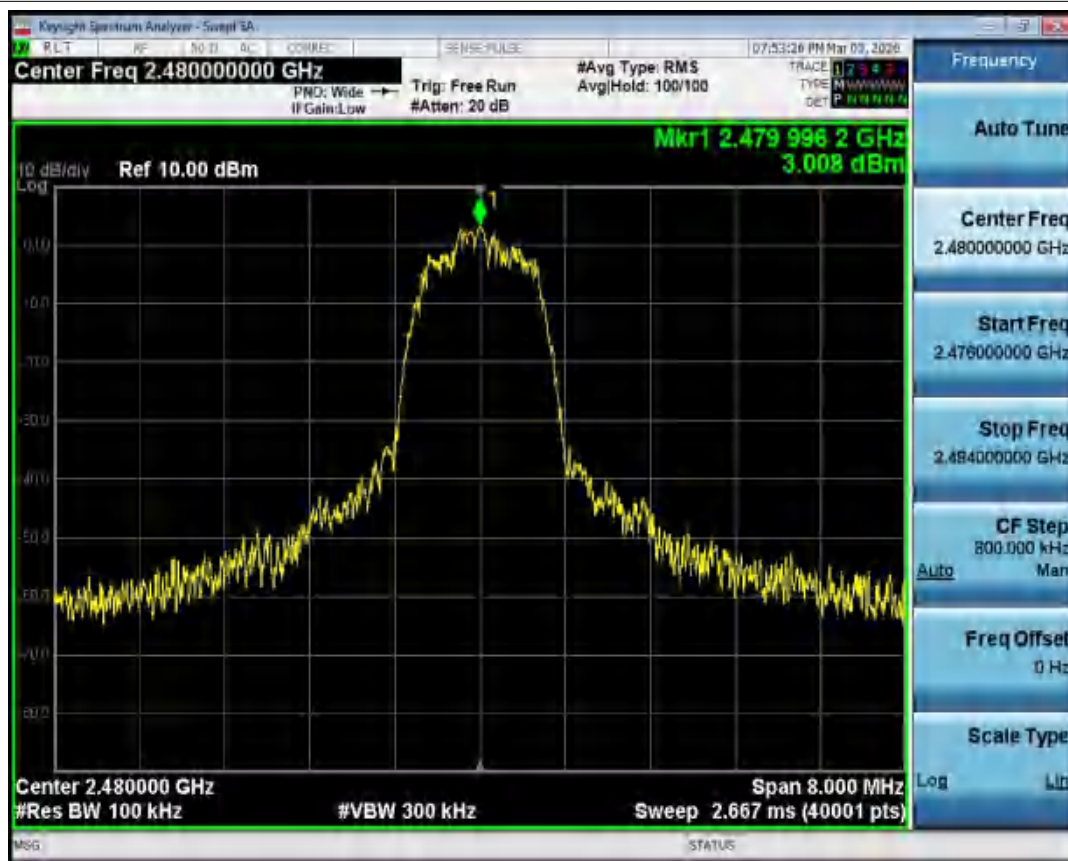
Tx. Spurious NVNT 2-DH1 2402MHz Ant1 Emission



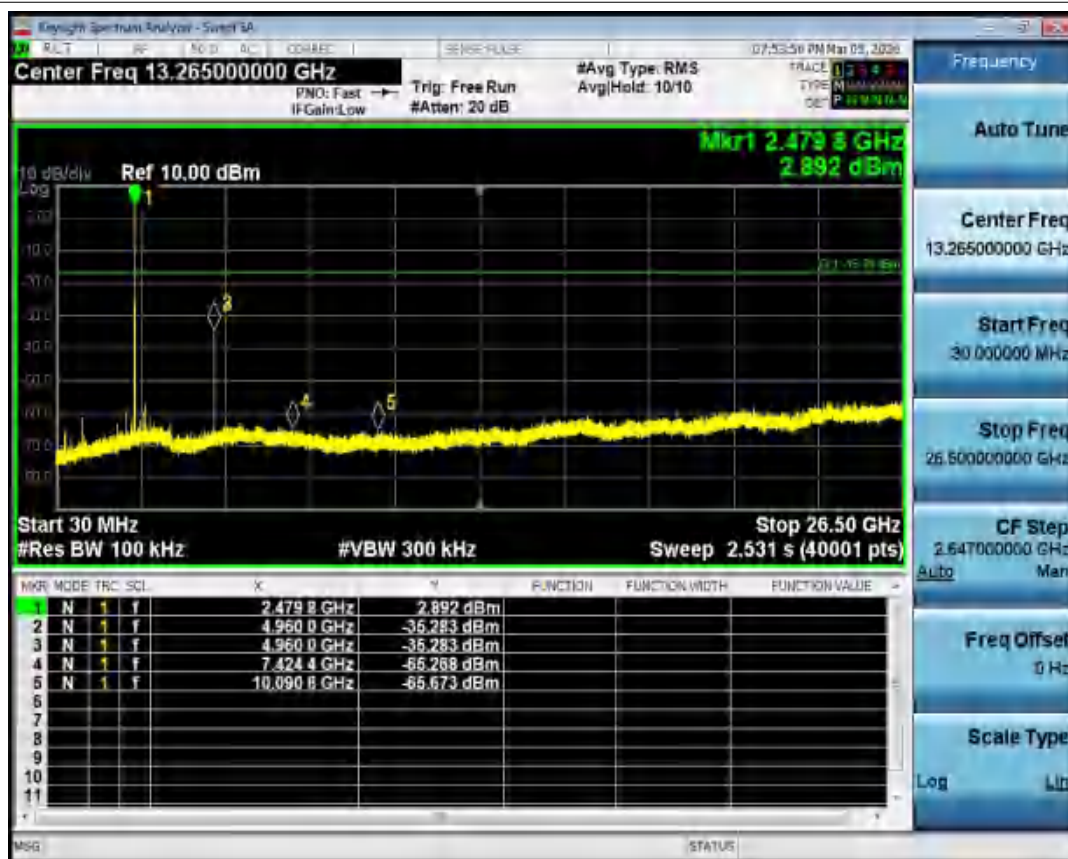
Tx. Spurious NVNT 2-DH1 2441MHz Ant1 Ref



Tx. Spurious NVNT 2-DH1 2441MHz Ant1 Emission



Tx. Spurious NVNT 2-DH1 2480MHz Ant1 Ref



Tx. Spurious NVNT 2-DH1 2480MHz Ant1 Emission



Tx. Spurious NVNT 3-DH1 2402MHz Ant1 Ref



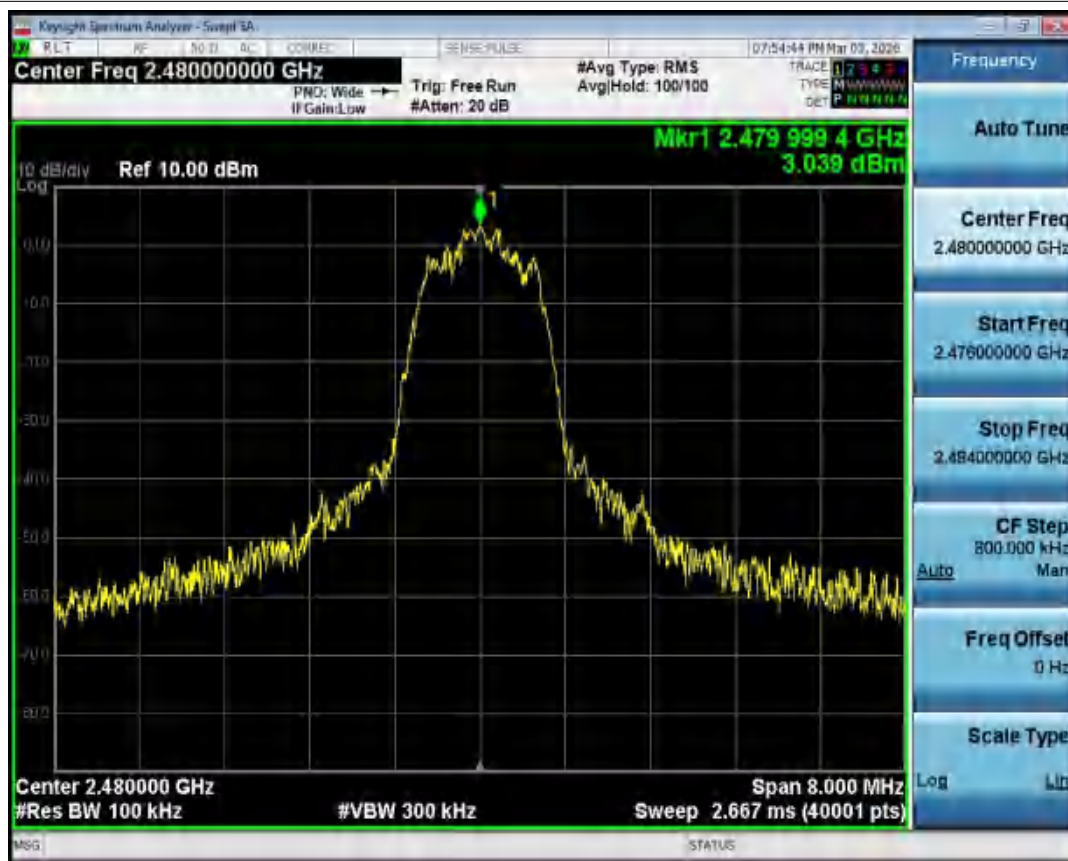
Tx. Spurious NVNT 3-DH1 2402MHz Ant1 Emission



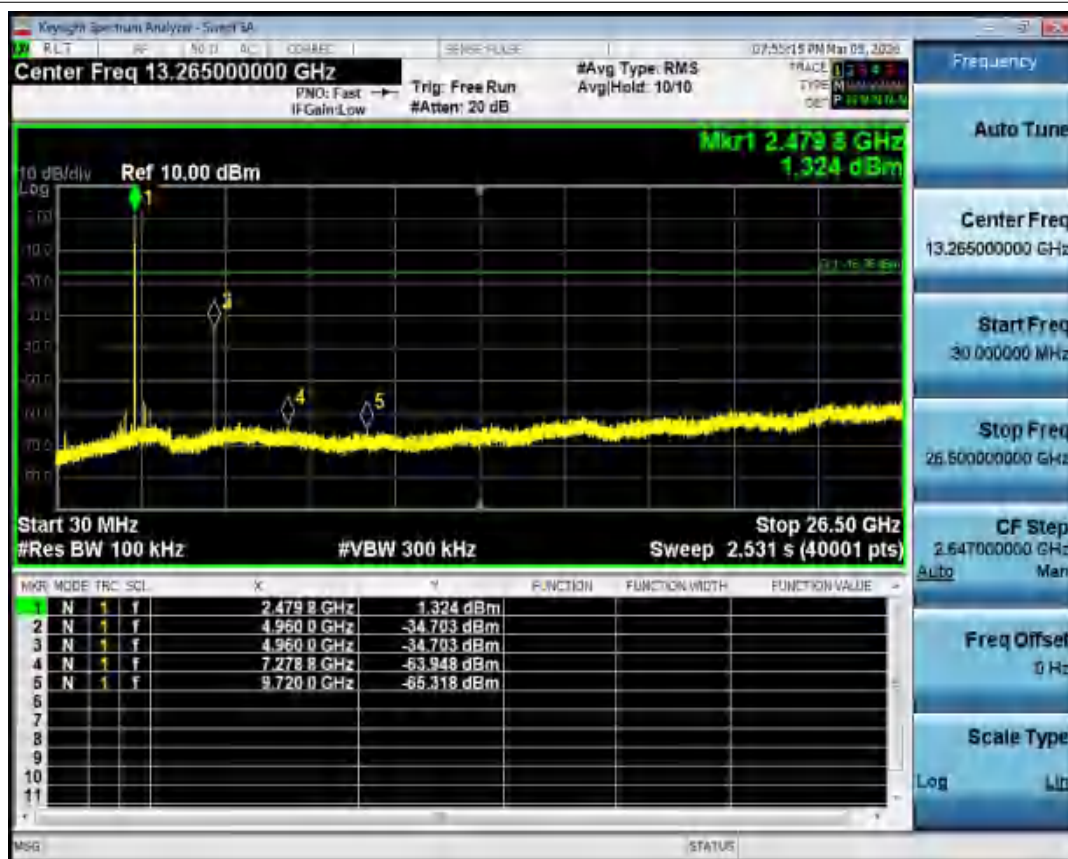
Tx. Spurious NVNT 3-DH1 2441MHz Ant1 Ref



Tx. Spurious NVNT 3-DH1 2441MHz Ant1 Emission



Tx. Spurious NVNT 3-DH1 2480MHz Ant1 Ref



Tx. Spurious NVNT 3-DH1 2480MHz Ant1 Emission