

Table of Contents

1. -20dB Bandwidth and 99% Occupied Bandwidth	2
2. Peak Output Power	5
3. Spurious Emissions	8
4. Band edge	11
5. Carrier Frequencies Separation (Hopping).....	15
6. Number of Hopping Channel (Hopping).....	18
7. Dwell Time (Hopping)	20

FCC ID: 2BCBZ-X1

BT Test Data

1. -20dB Bandwidth and 99% Occupied Bandwidth

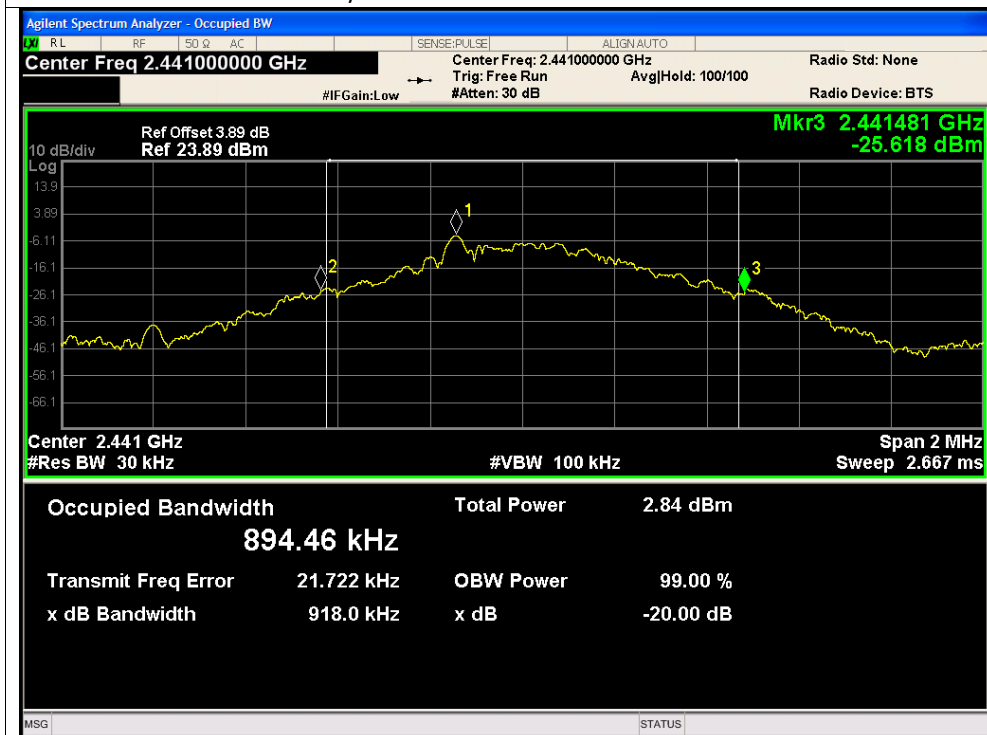
Condition	Mode	Frequency (MHz)	Antenna	-20 dB Bandwidth (MHz)	99% Bandwidth (MHz)	Limit (kHz)	Verdict
NVNT	1-DH5	2402	Ant1	0.911	0.893	N/A	Pass
NVNT	1-DH5	2441	Ant1	0.918	0.894	N/A	Pass
NVNT	1-DH5	2480	Ant1	0.927	0.879	N/A	Pass

Test Graphs

-20dB Bandwidth / 99% Bandwidth NVNT 1-DH5 2402MHz Ant1



-20dB Bandwidth / 99% Bandwidth NVNT 1-DH5 2441MHz Ant1



-20dB Bandwidth / 99% Bandwidth NVNT 1-DH5 2480MHz Ant1

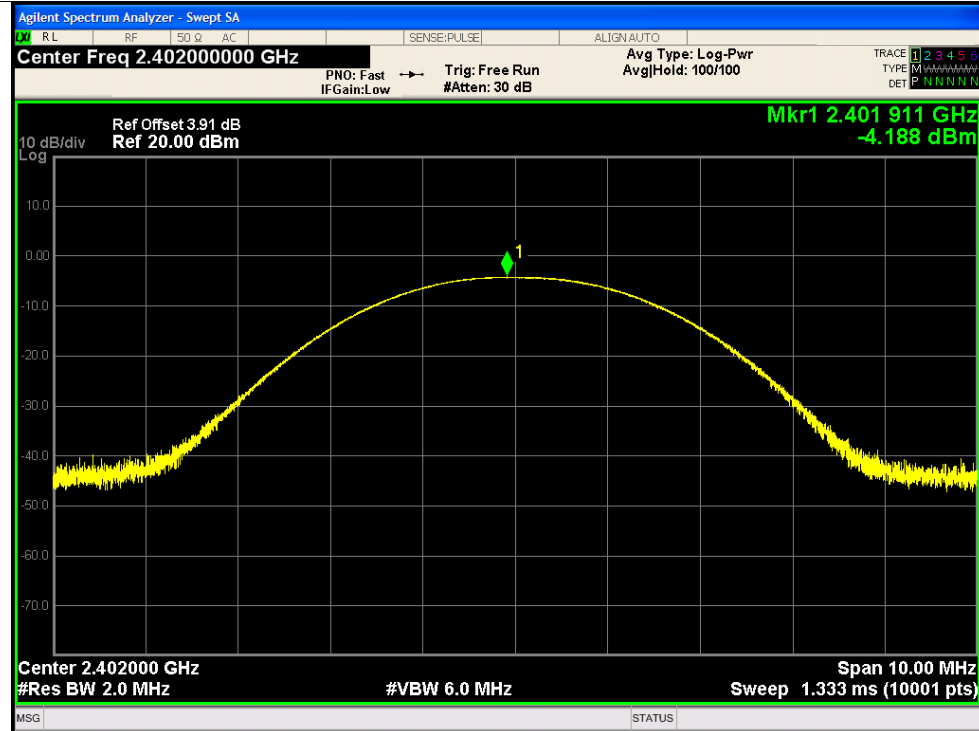


2. Peak Output Power

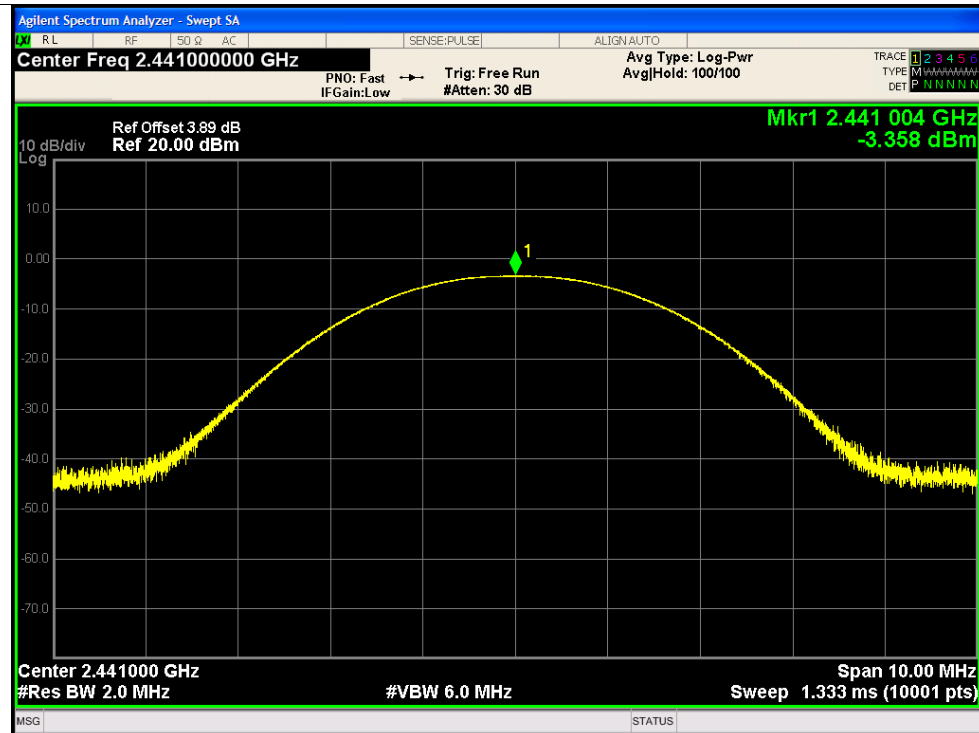
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	1-DH5	2402	Ant1	-4.19	21	Pass
NVNT	1-DH5	2441	Ant1	-3.36	21	Pass
NVNT	1-DH5	2480	Ant1	-5.13	21	Pass

Test Graphs

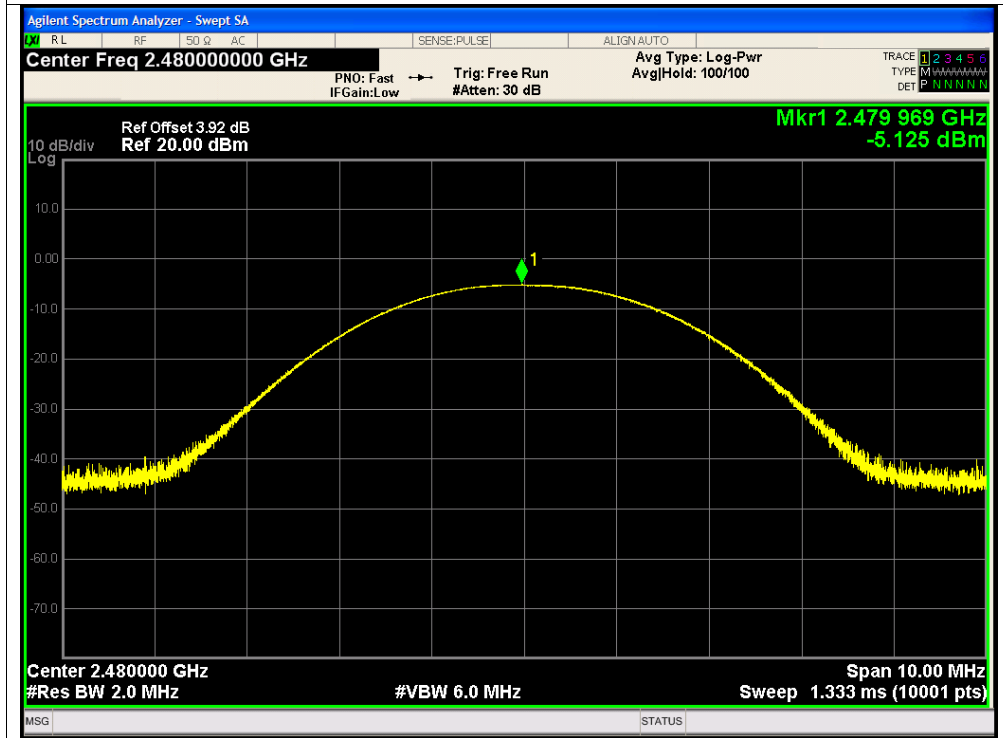
Power NVNT 1-DH5 2402MHz Ant1



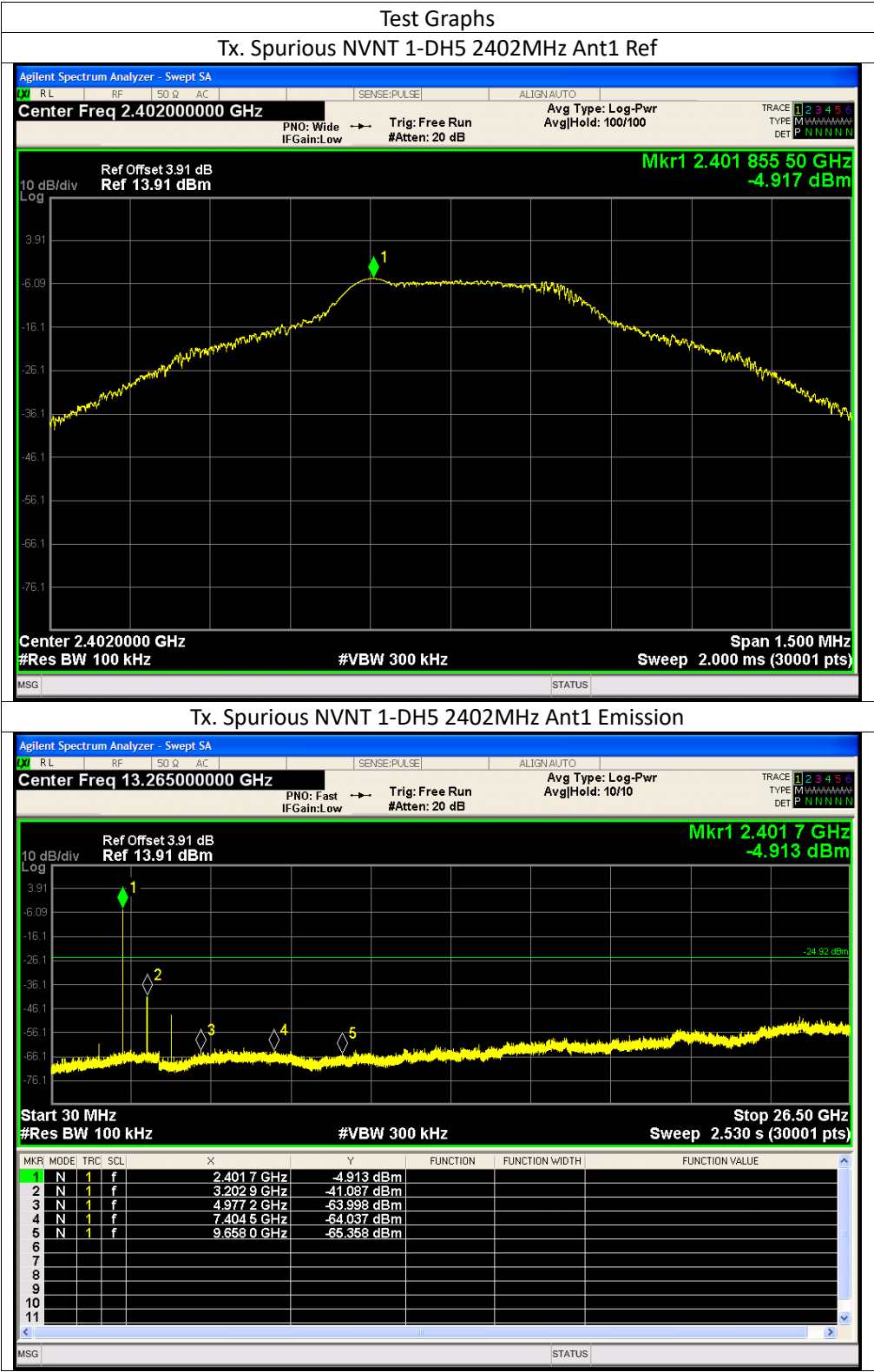
Power NVNT 1-DH5 2441MHz Ant1



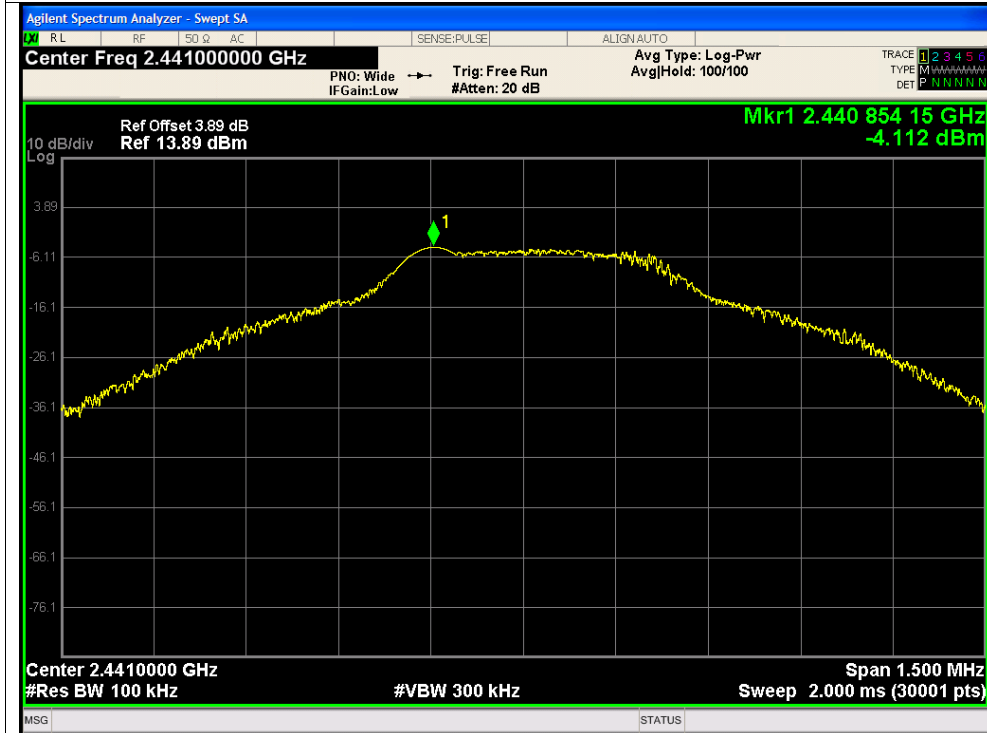
Power NVNT 1-DH5 2480MHz Ant1



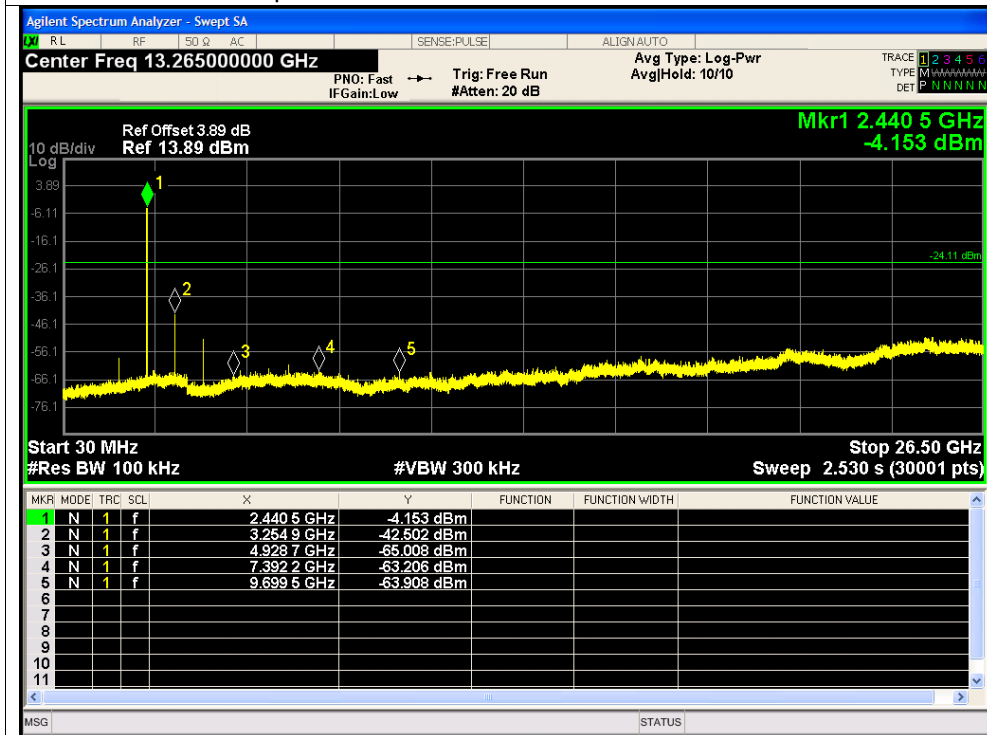
3. Spurious Emissions



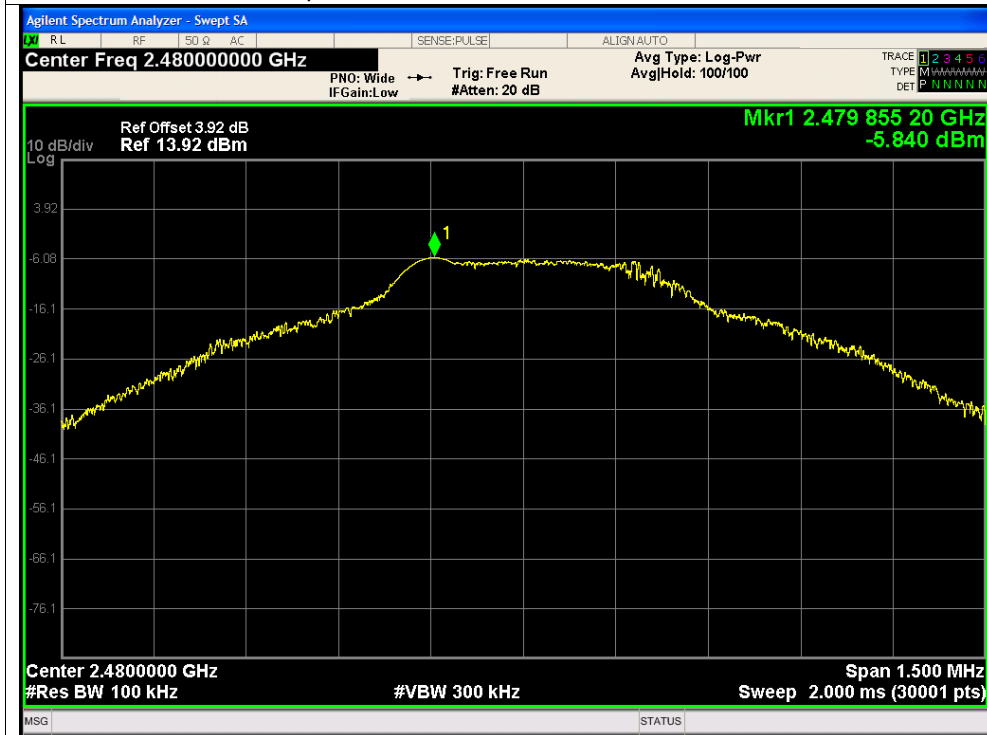
Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Ref



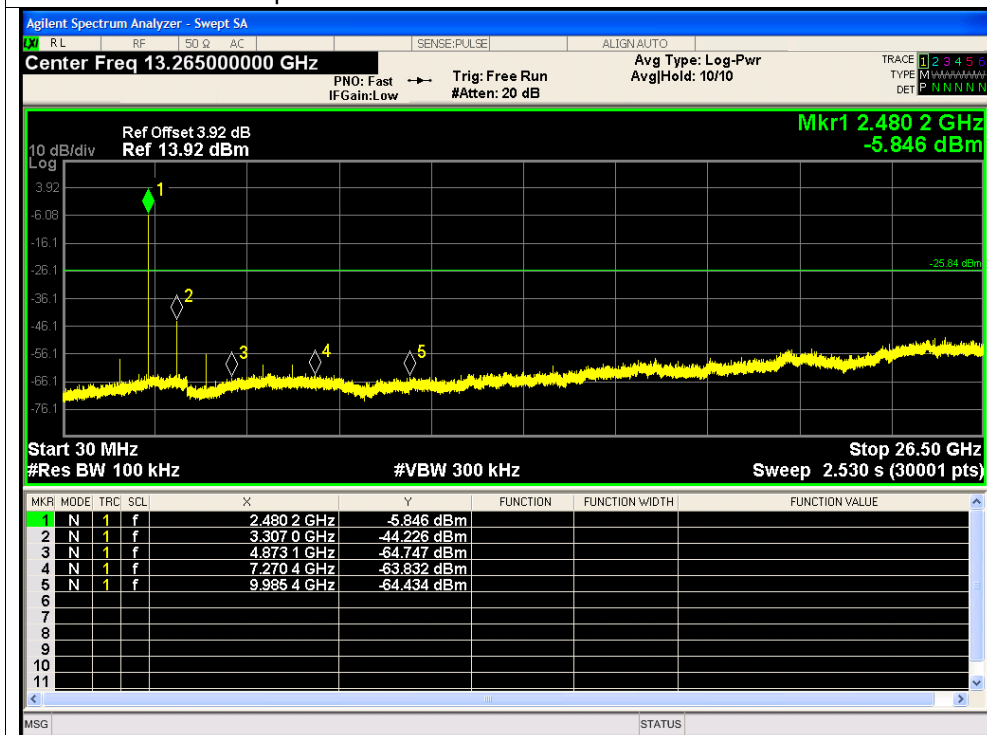
Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Emission



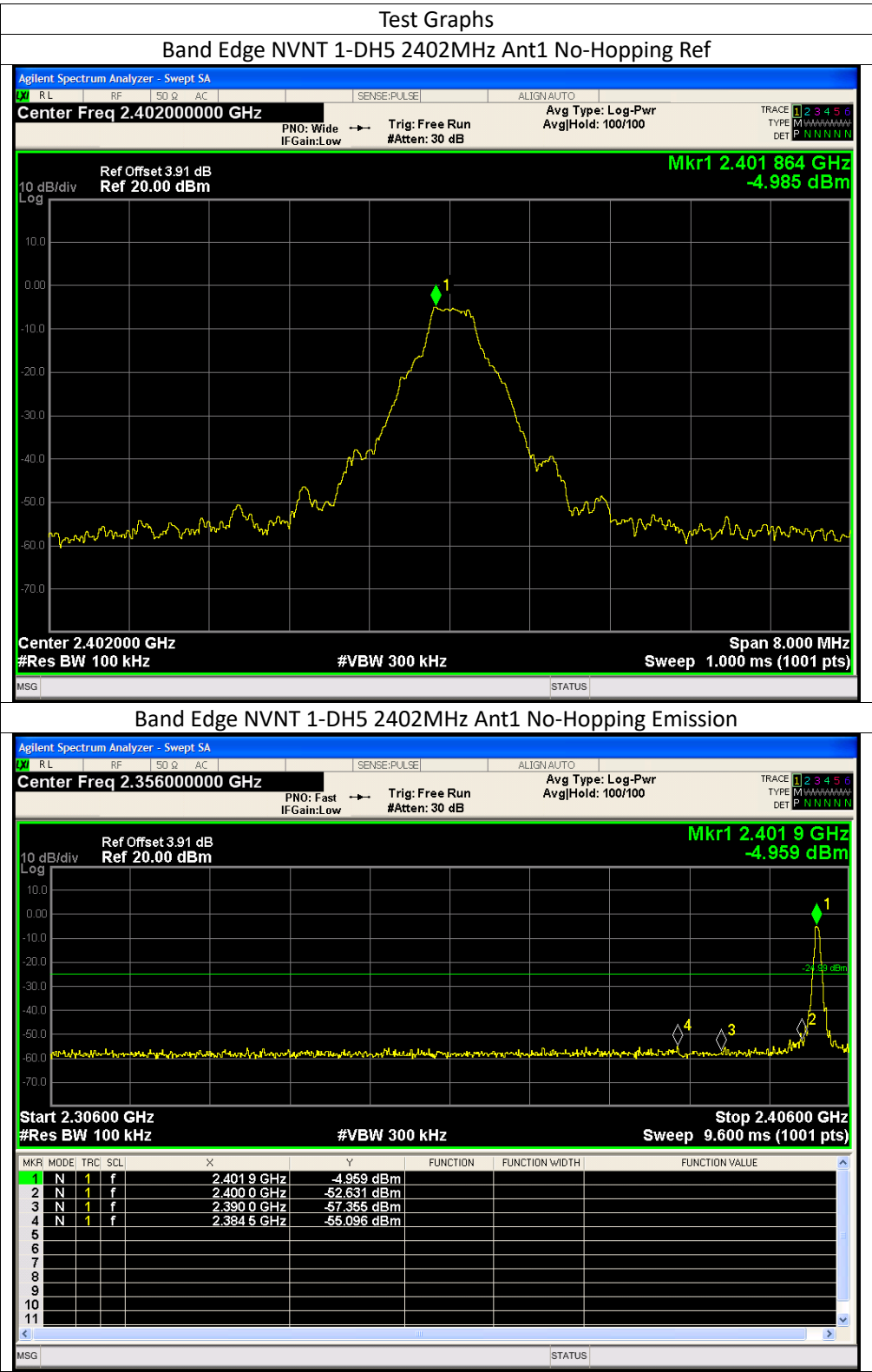
Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Ref



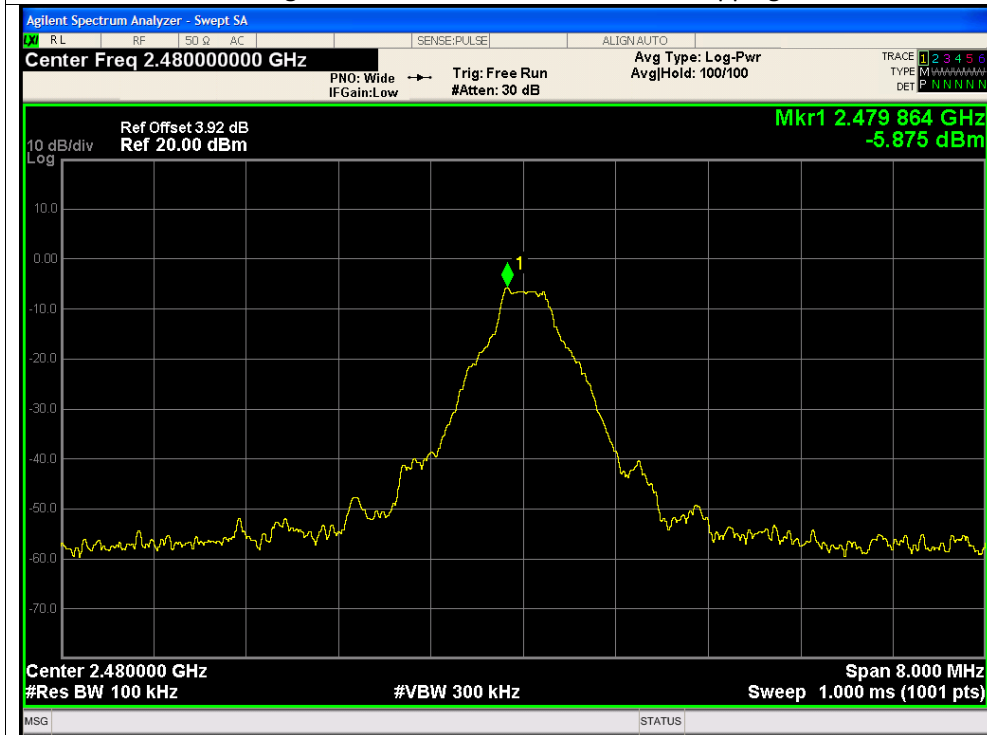
Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Emission



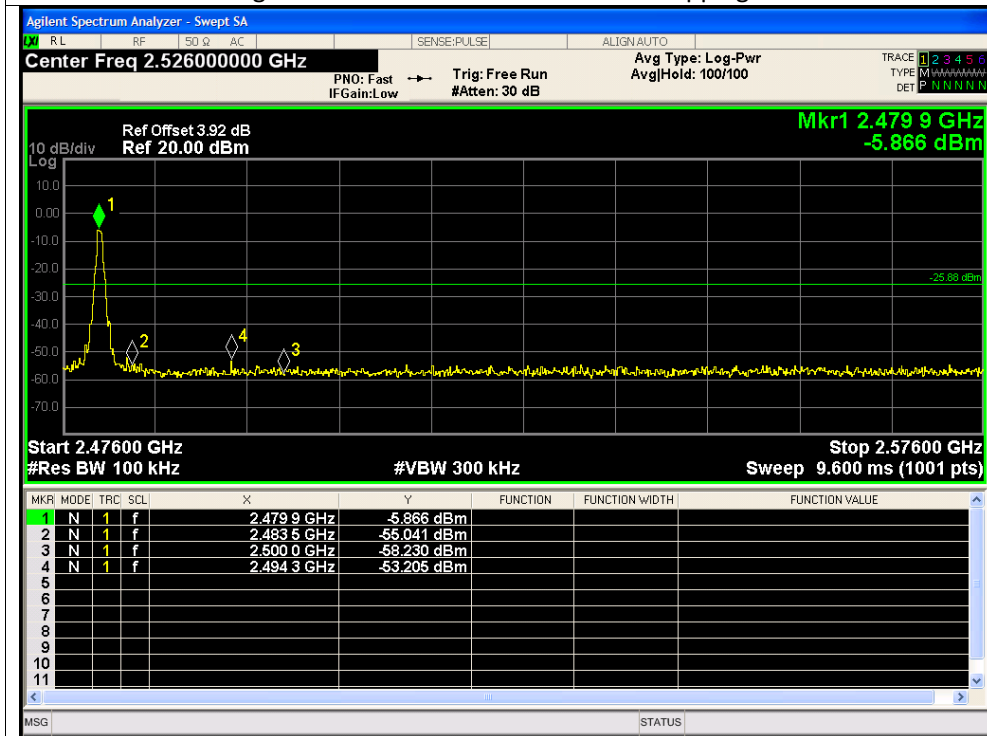
4. Band edge



Band Edge NVNT 1-DH5 2480MHz Ant1 No-Hopping Ref



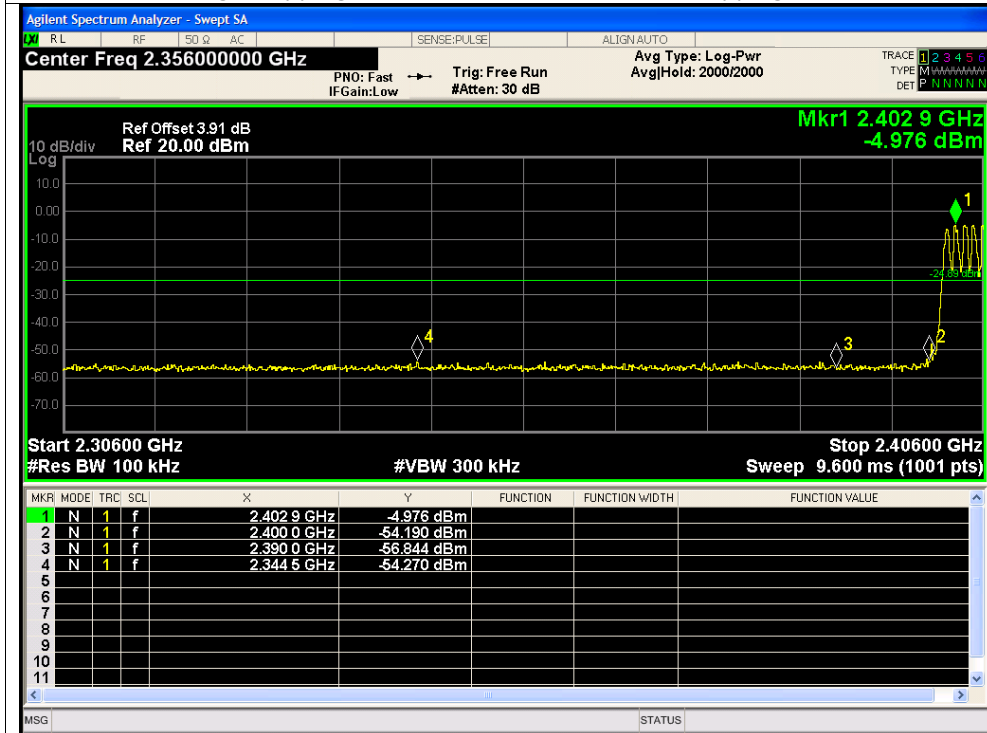
Band Edge NVNT 1-DH5 2480MHz Ant1 No-Hopping Emission



Band Edge(Hopping) NVNT 1-DH5 2402MHz Ant1 Hopping Ref



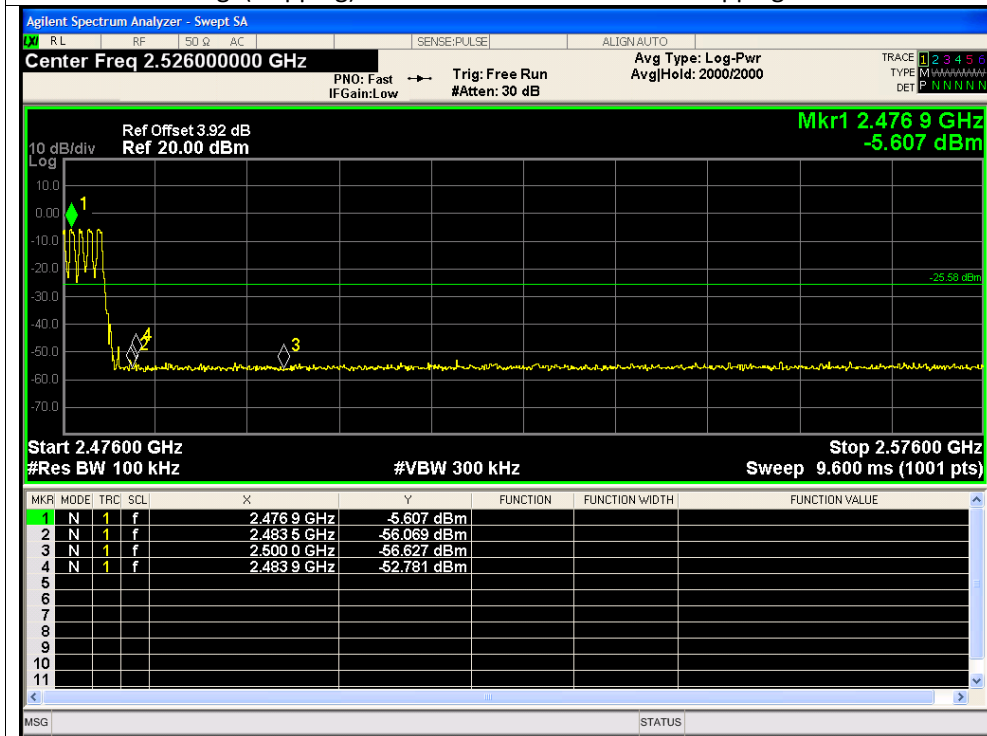
Band Edge(Hopping) NVNT 1-DH5 2402MHz Ant1 Hopping Emission



Band Edge(Hopping) NVNT 1-DH5 2480MHz Ant1 Hopping Ref



Band Edge(Hopping) NVNT 1-DH5 2480MHz Ant1 Hopping Emission

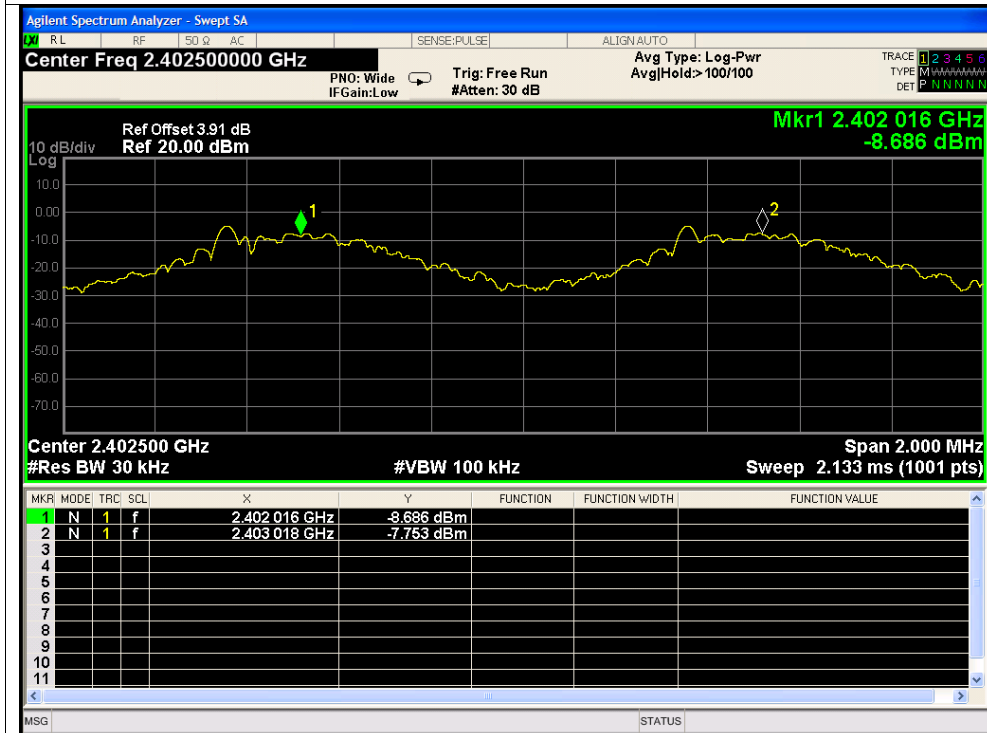


5. Carrier Frequencies Separation (Hopping)

Condition	Mode	Antenna	Channel Frequency (MHz)	Hopping Freq1 (MHz)	Hopping Freq2 (MHz)	Carrier Frequencies Separation (MHz)	Limit (MHz)	Verdict
NVNT	1-DH5	Ant1	2402	2402.016	2403.018	1.002	>0.607	Pass
NVNT	1-DH5	Ant1	2441	2440.857	2441.858	1.001	>0.612	Pass
NVNT	1-DH5	Ant1	2480	2478.859	2479.858	0.999	>0.618	Pass
Note: Limit = 20dB bandwidth * 2/3								

Test Graphs

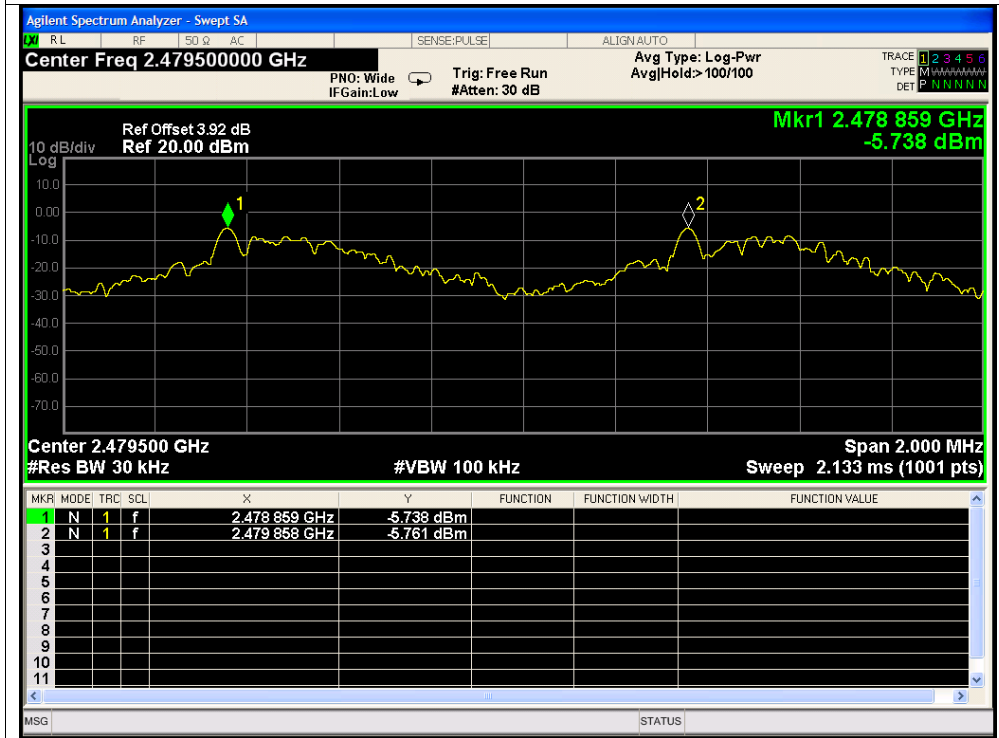
CFS NVNT 1-DH5 2402MHz Ant1



CFS NVNT 1-DH5 2441MHz Ant1



CFS NVNT 1-DH5 2480MHz Ant1

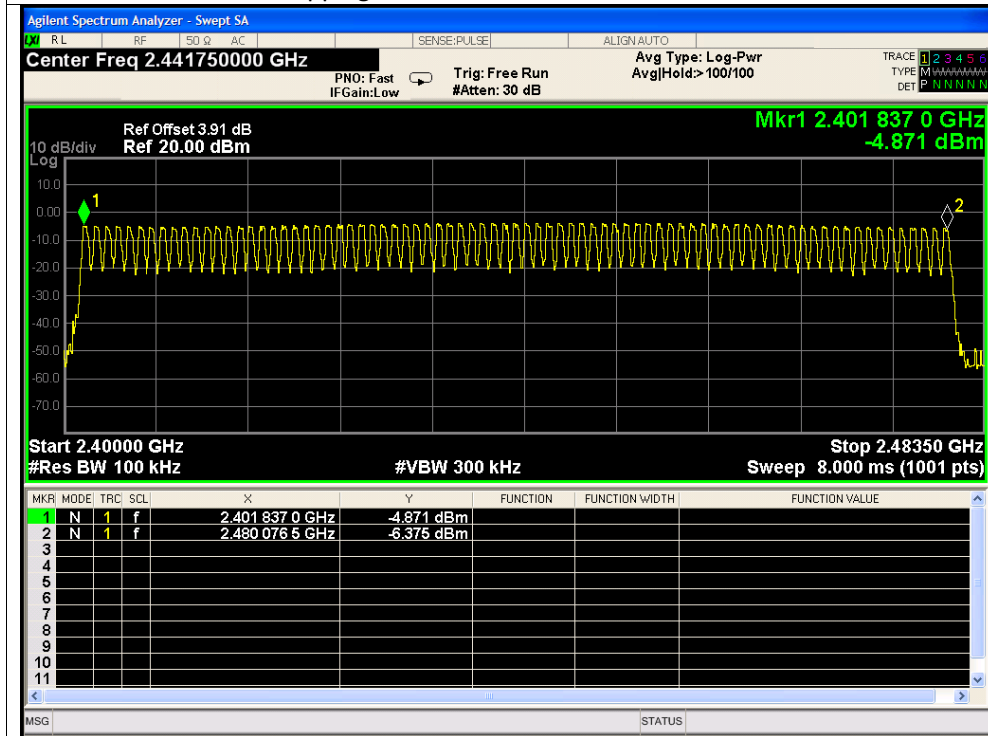


6. Number of Hopping Channel (Hopping)

Condition	Mode	Antenna	Hopping Number	Limit	Verdict
NVNT	1-DH5	Ant1	79	15	Pass

Test Graphs

Hopping No. NVNT 1-DH5 2402MHz Ant1

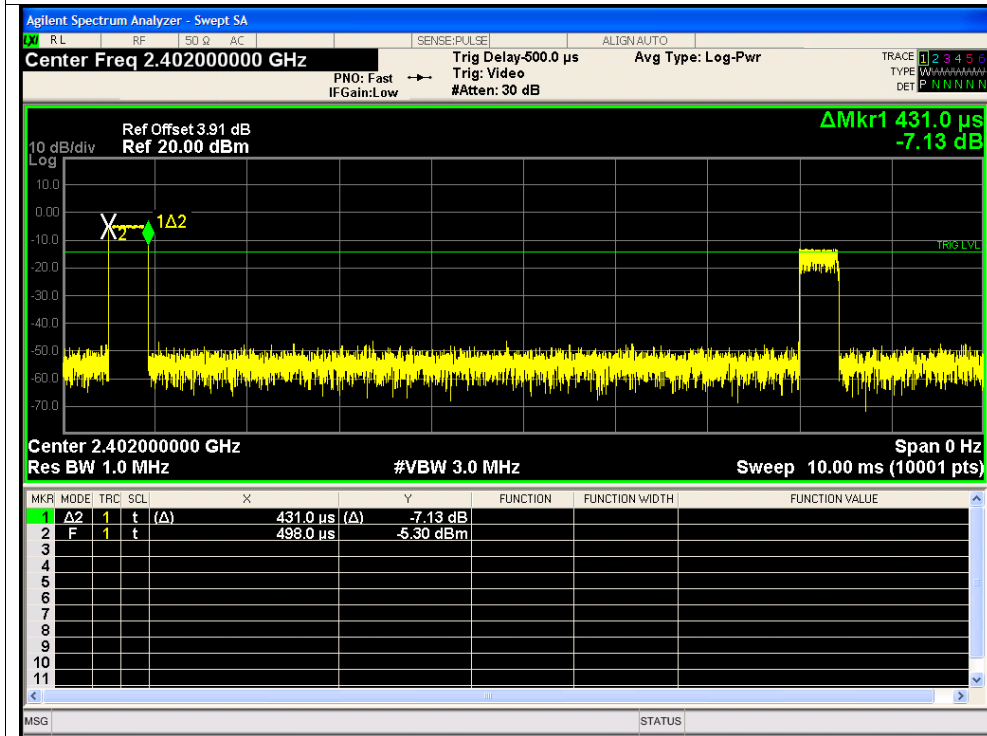


7. Dwell Time (Hopping)

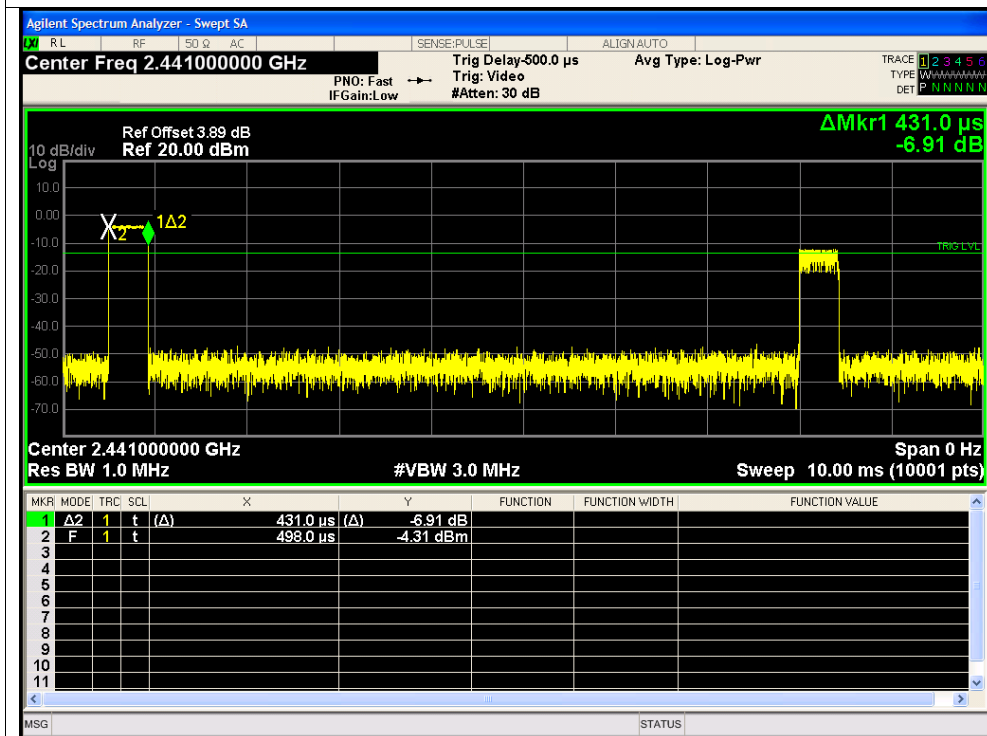
Condition	Mode	Frequency (MHz)	Antenna	Pulse Time (ms)	Dwell Time (ms)	Limit (ms)	Verdict
NVNT	1-DH1	2402	Ant1	0.431	22.412	<400	Pass
NVNT	1-DH3	2402	Ant1	1.632	73.44	<400	Pass
NVNT	1-DH5	2402	Ant1	2.831	113.24	<400	Pass
Note: Dwell Time(DH1)=PW*(1600/2/79)*31.6 Dwell Time(DH3)=PW*(1600/4/79)*31.6 Dwell Time(DH5)=PW*(1600/6/79)*31.6							

Test Graphs

Dwell NVNT 1-DH1 2402MHz Ant1 One Burst



Dwell NVNT 1-DH3 2402MHz Ant1 Accumulated



Dwell NVNT 1-DH5 2402MHz Ant1 One Burst

