

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: 2AWYKXP-P302A

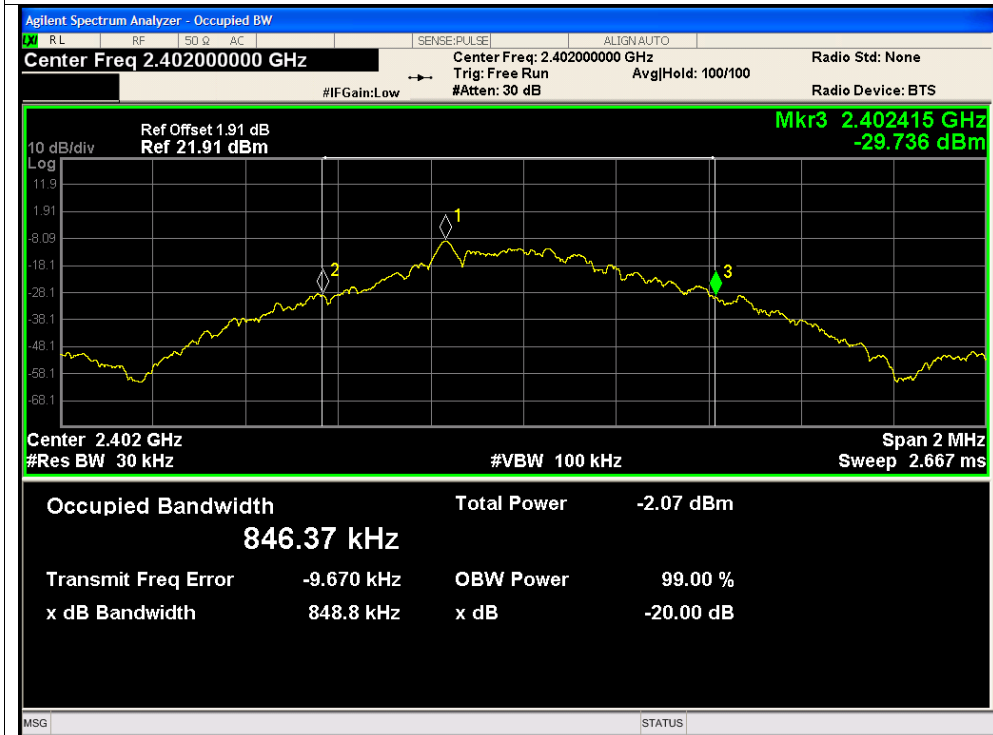
FCC_BT (Part15.247) Test Data

1. -20dB Bandwidth and 99% Occupied Bandwidth

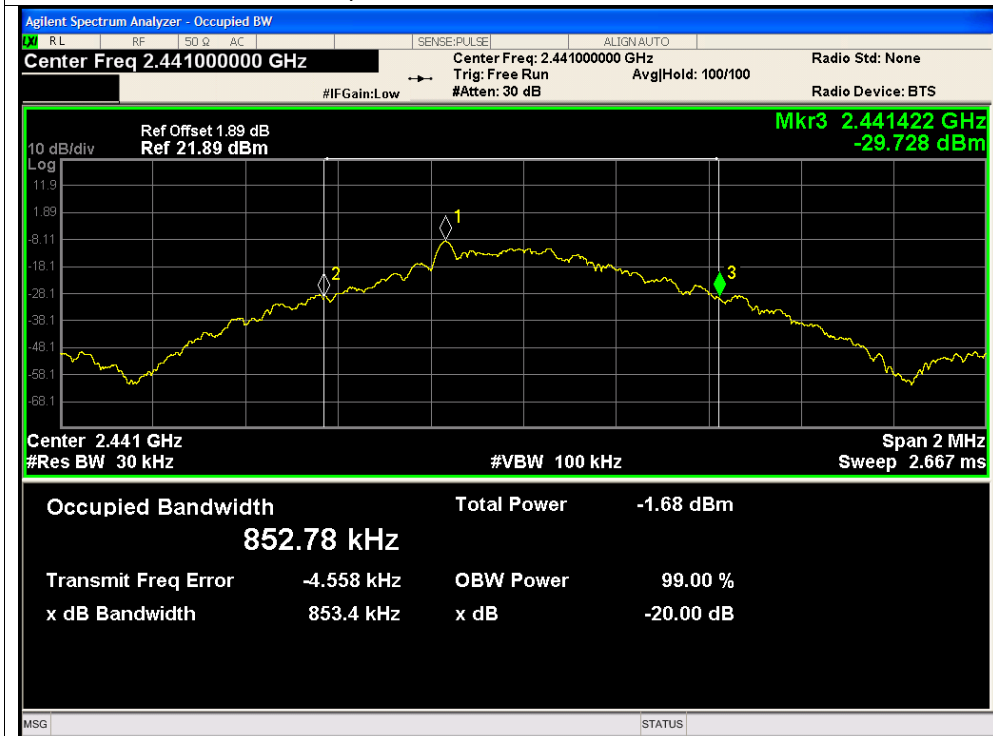
Condition	Mode	Frequency (MHz)	Antenna	-20 dB Bandwidth (MHz)	99 dB Bandwidth (MHz)	Limit (MHz)	Verdict
NVNT	1-DH5	2402	Ant1	0.849	0.846	N/A	Pass
NVNT	1-DH5	2441	Ant1	0.853	0.852	N/A	Pass
NVNT	1-DH5	2480	Ant1	0.911	0.849	N/A	Pass

Test Graphs

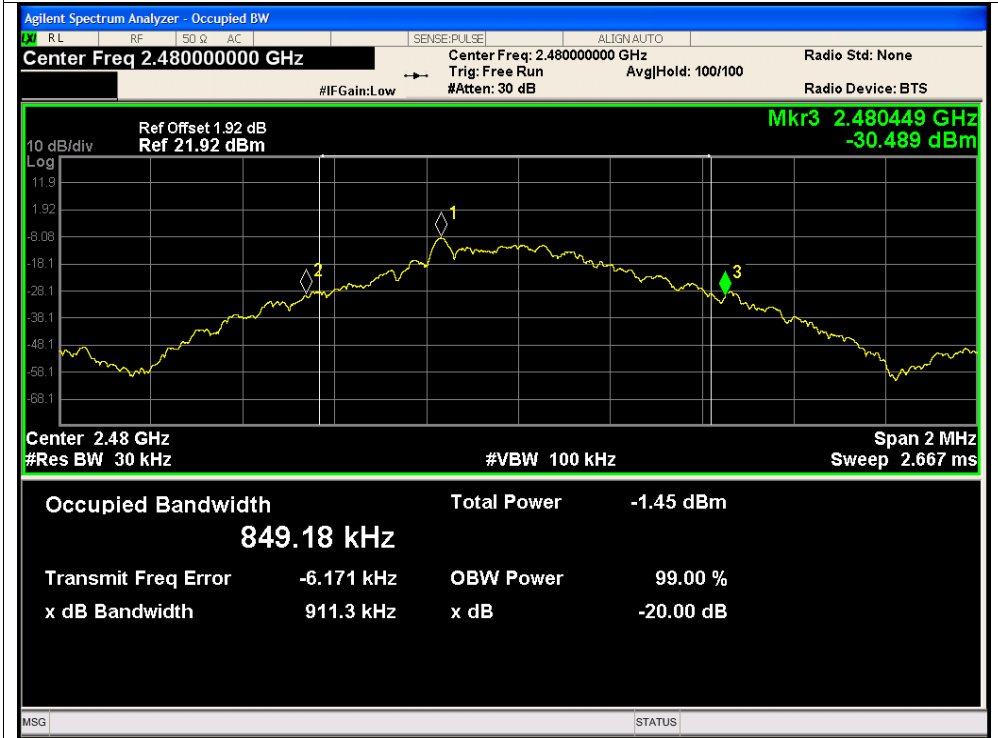
-20dB Bandwidth / 99% Bandwidth NVNT 1-DH5 2402MHz Ant1



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



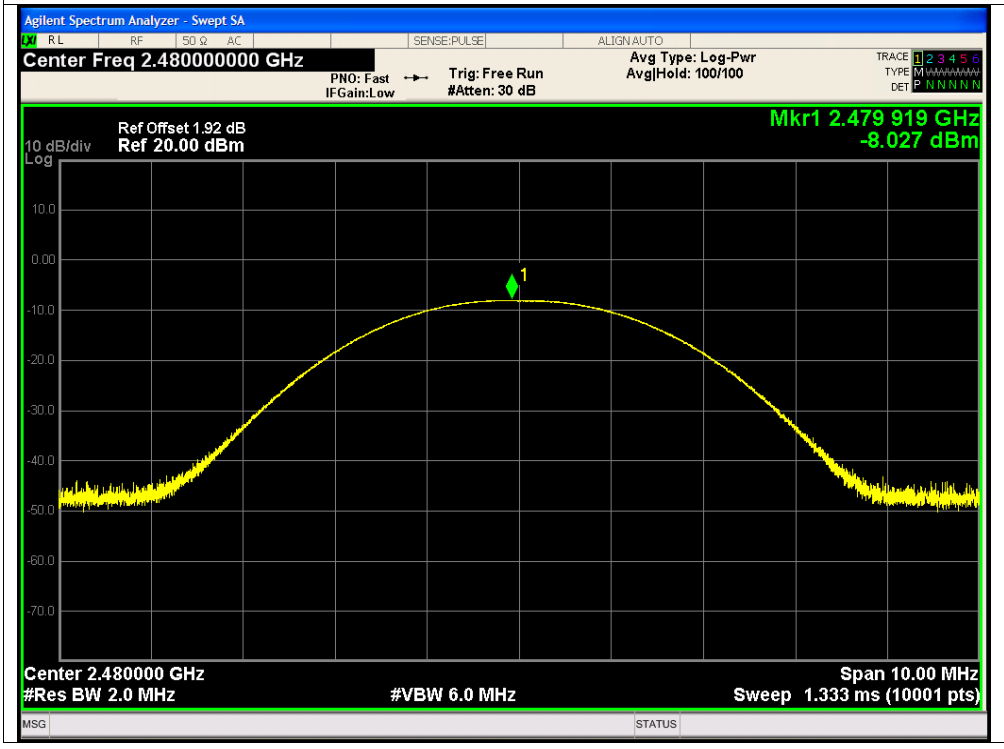
-20dB Bandwidth / 99% Bandwidth NVNT 1-DH5 2480MHz Ant1



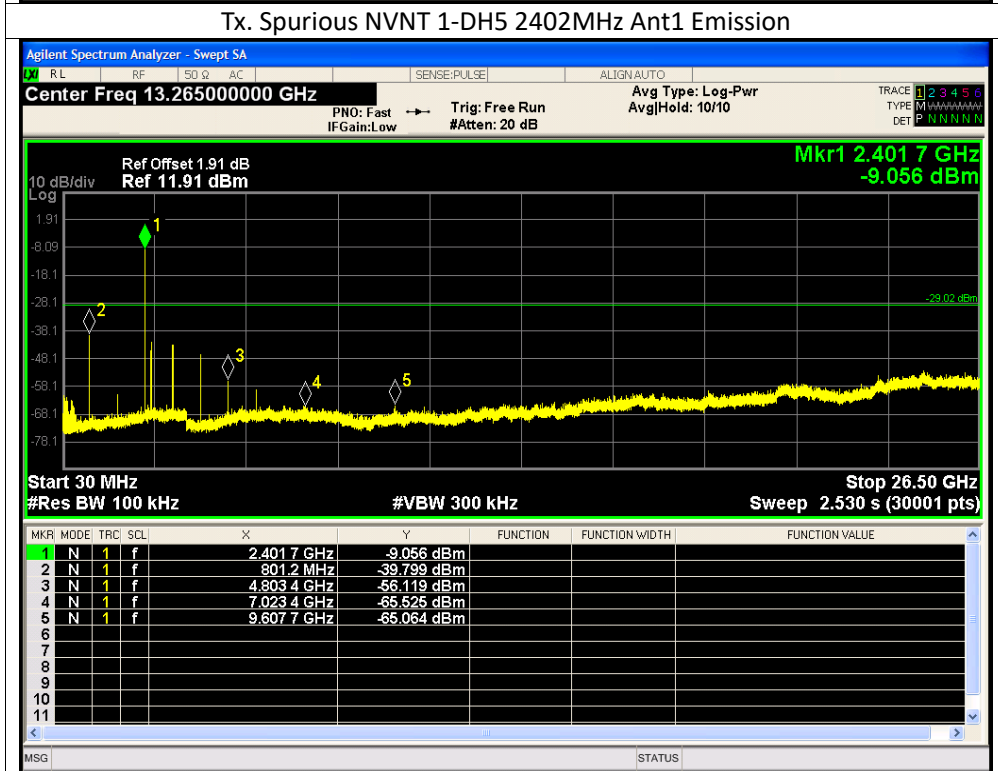
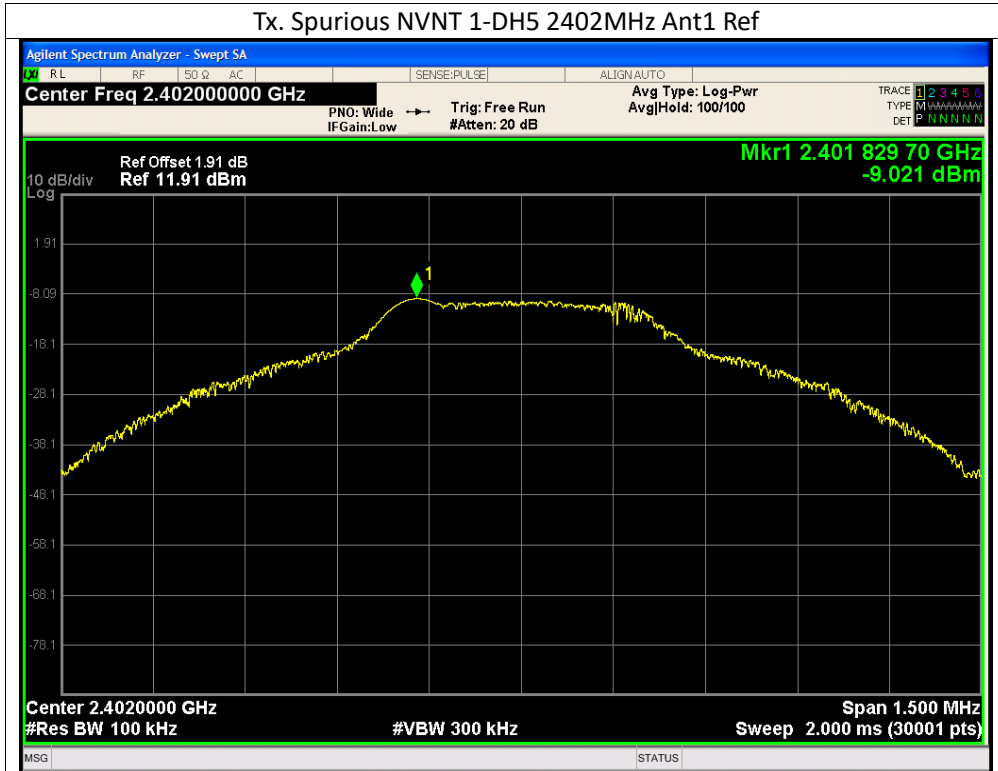
2. Peak Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	1-DH5	2402	Ant1	-8.66	21	Pass
NVNT	1-DH5	2441	Ant1	-8.36	21	Pass
NVNT	1-DH5	2480	Ant1	-8.03	21	Pass

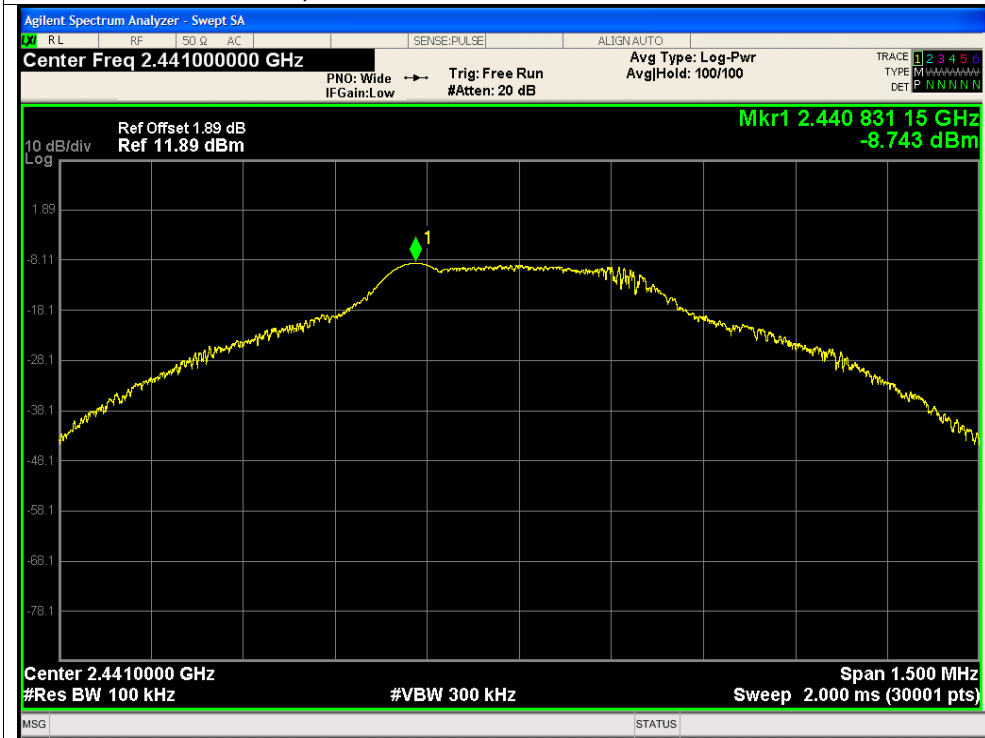
Power NVNT 1-DH5 2480MHz Ant1



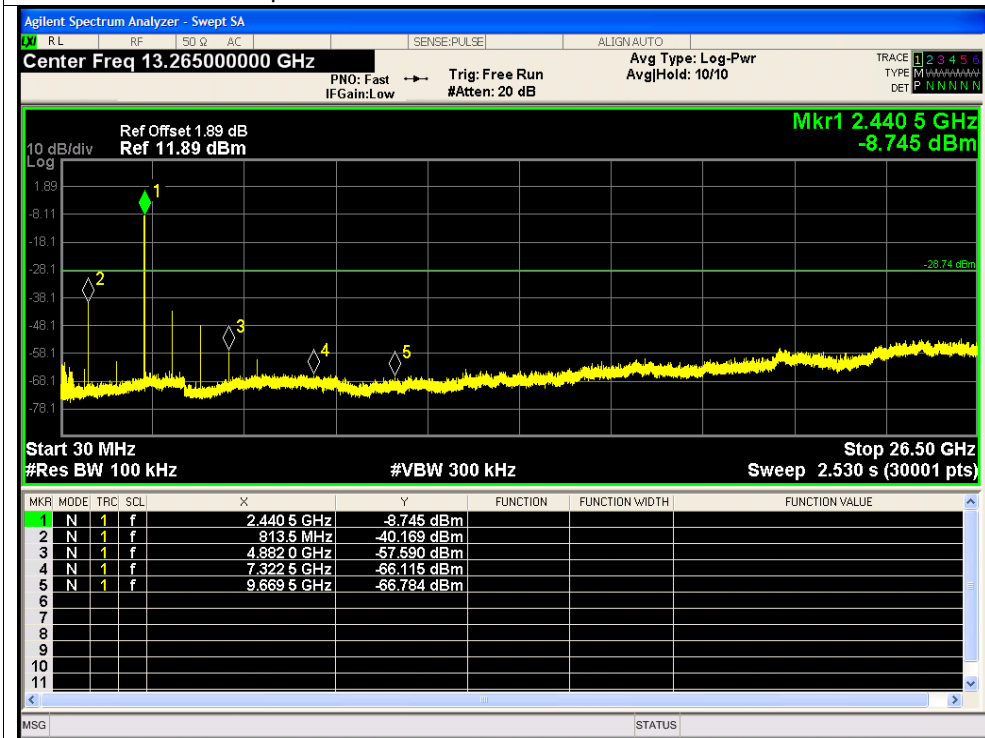
3. Spurious Emissions



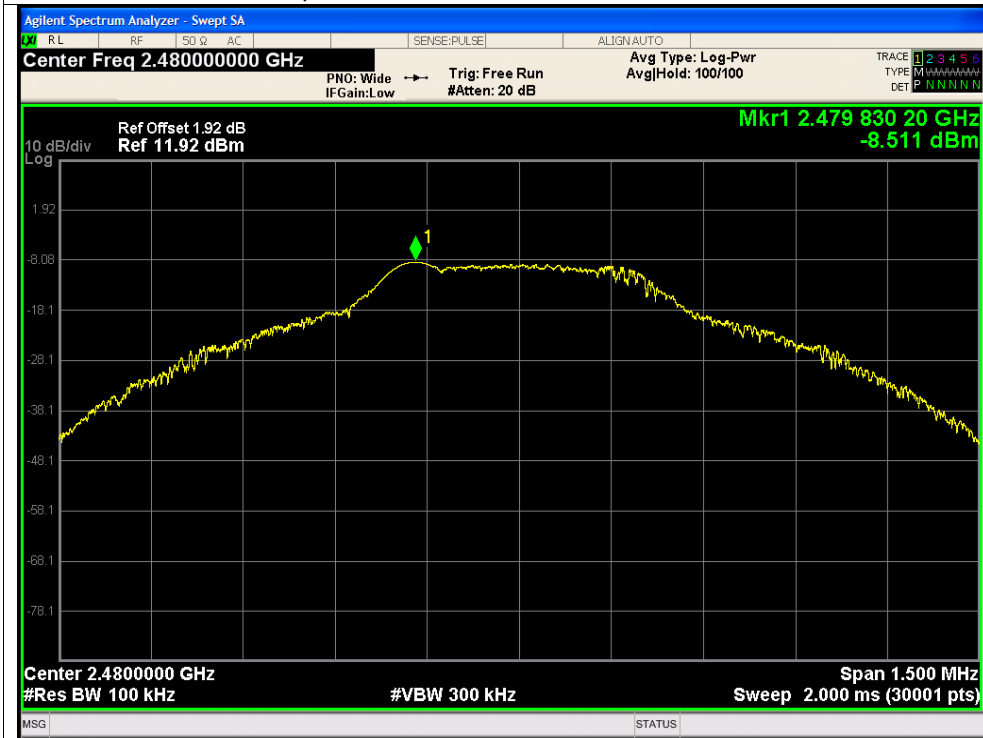
Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Ref



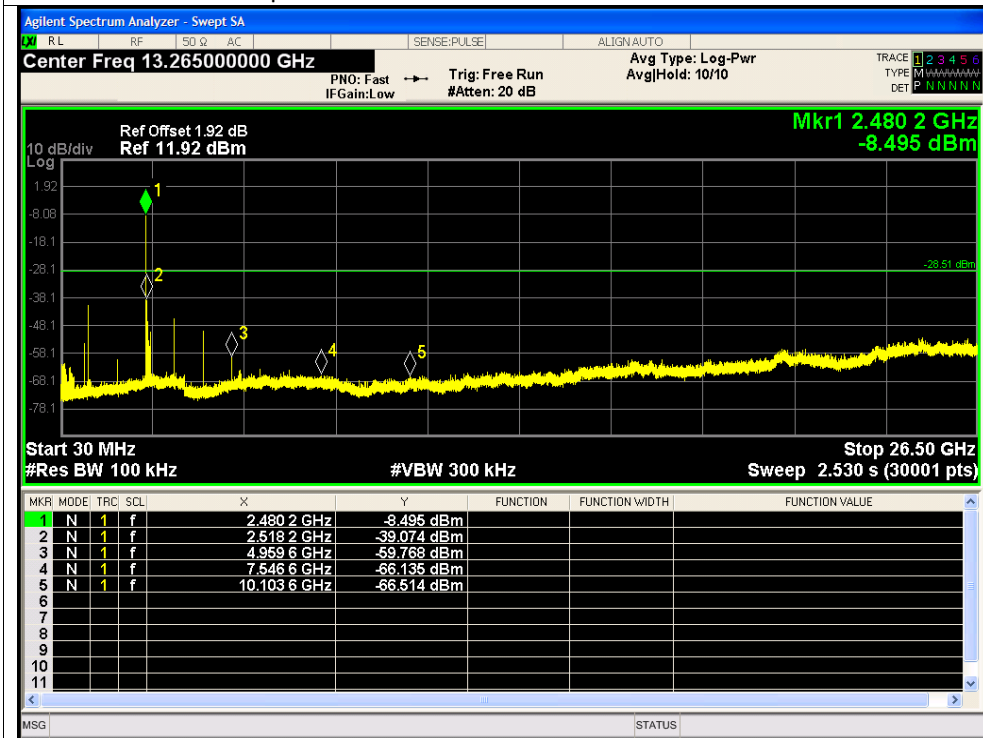
Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Emission



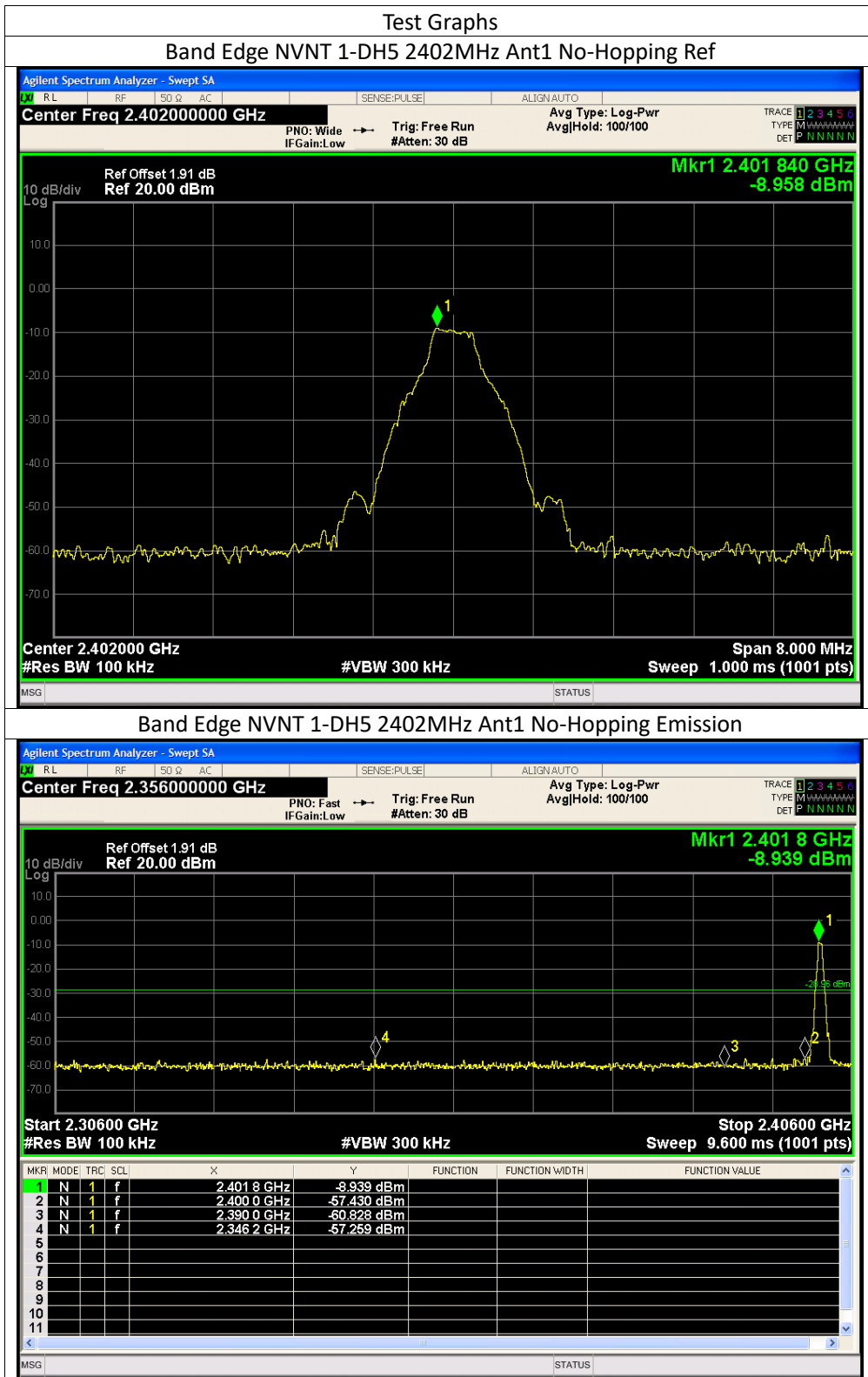
Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Ref



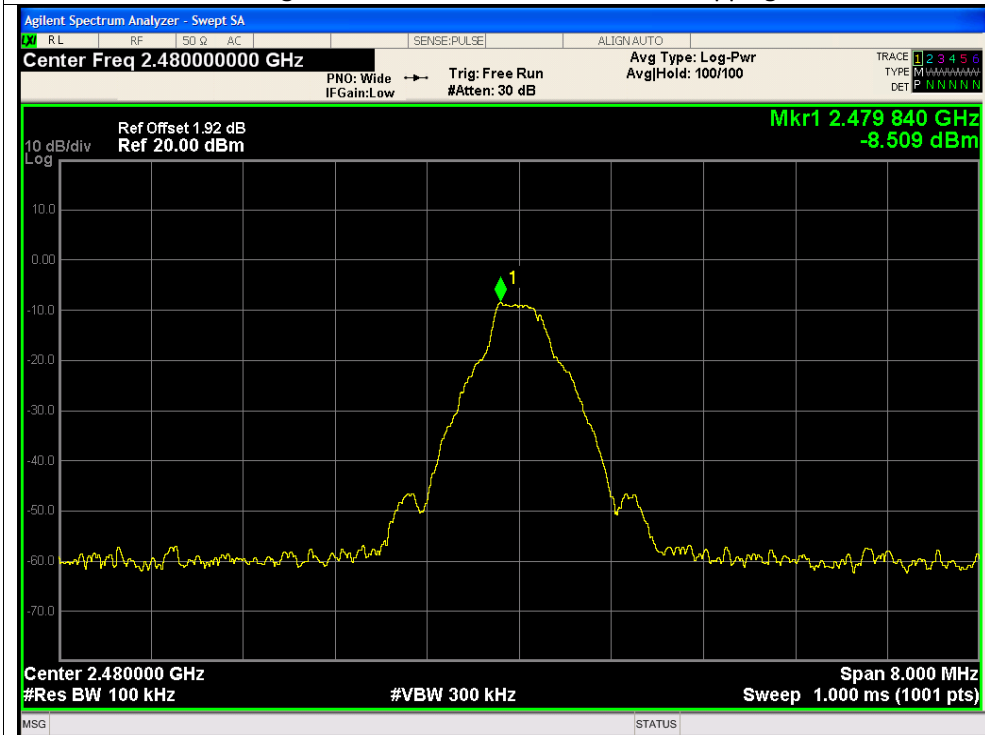
Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Emission



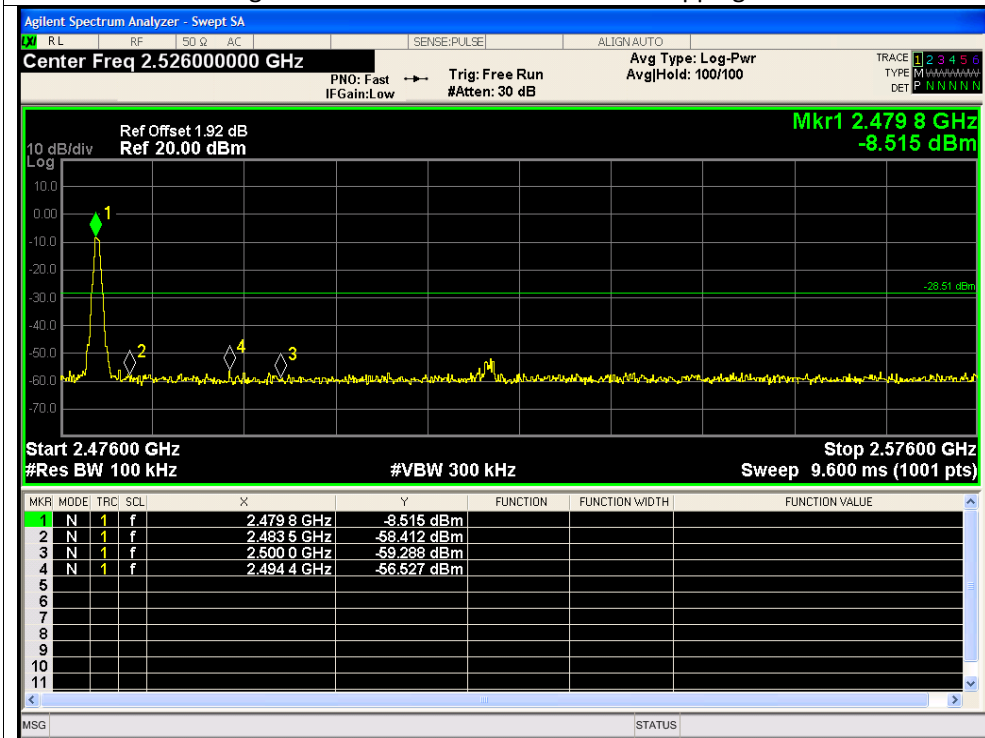
4. Band Edge



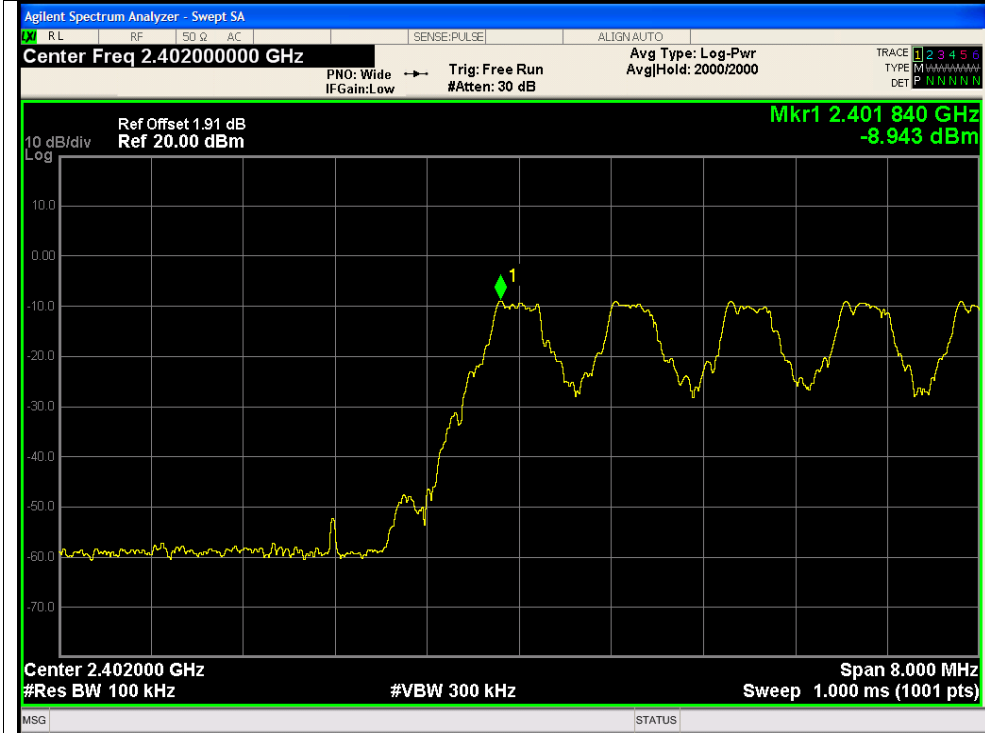
Band Edge NVNT 1-DH5 2480MHz Ant1 No-Hopping Ref



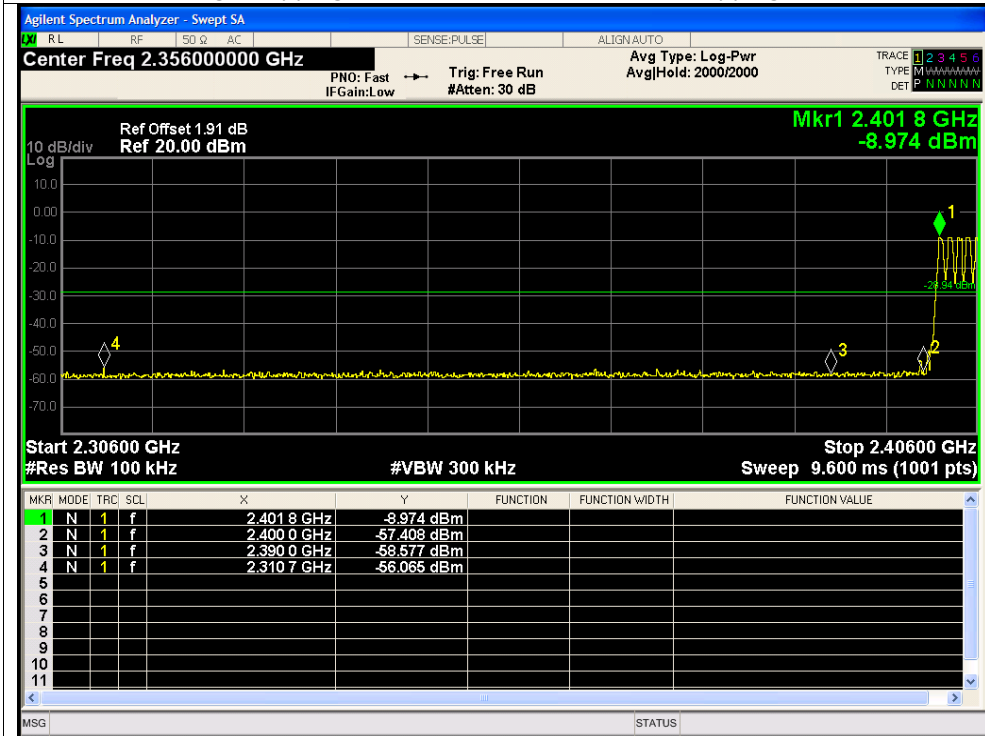
Band Edge NVNT 1-DH5 2480MHz Ant1 No-Hopping Emission



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



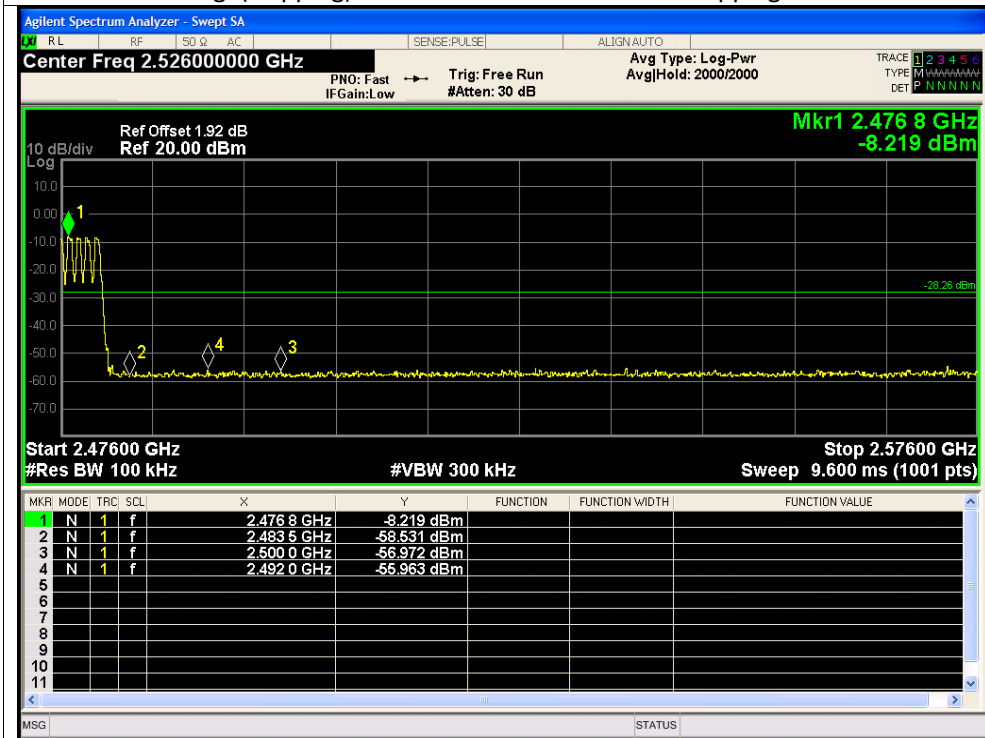
Band Edge(Hopping) NVNT 1-DH5 2402MHz Ant1 Hopping Emission



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	2401.958	2402.983	1.025	0.665	Pass
NVNT	1-DH5	Ant1	2441	2440.96	2441.837	0.877	0.705	Pass
NVNT	1-DH5	Ant1	2480	2478.988	2479.984	0.996	0.689	Pass
Note: Limit = 20dB bandwidth * 2/3								



CFS NVNT 1-DH5 2441MHz Ant1



CFS NVNT 1-DH5 2480MHz Ant1

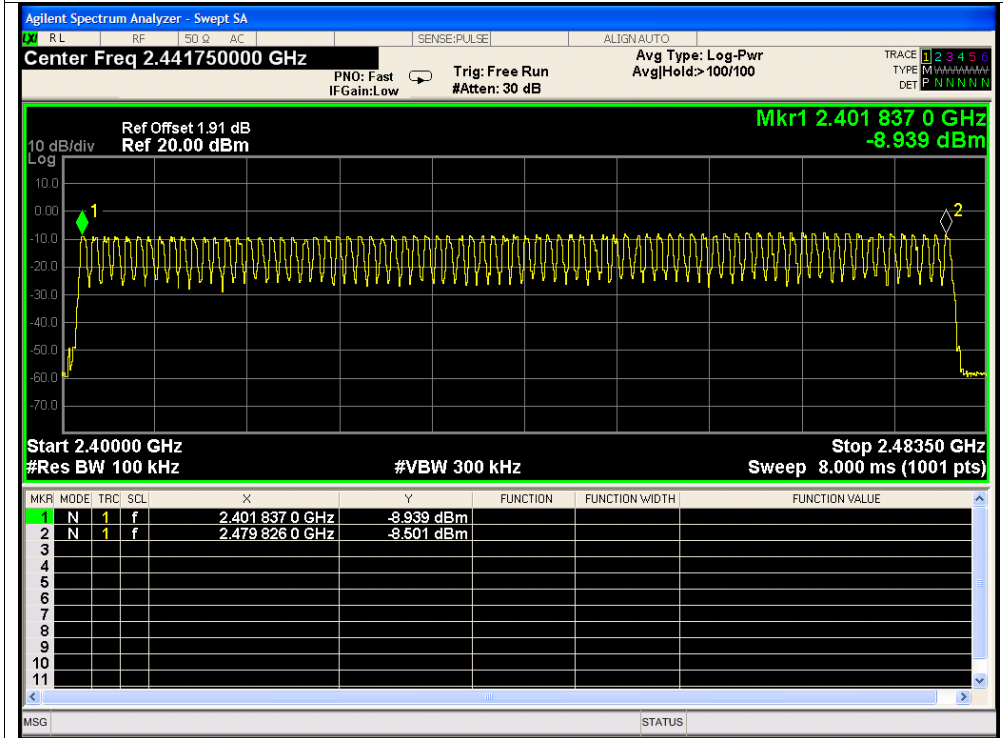


6. Number of Hopping Channel (Hopping)

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)

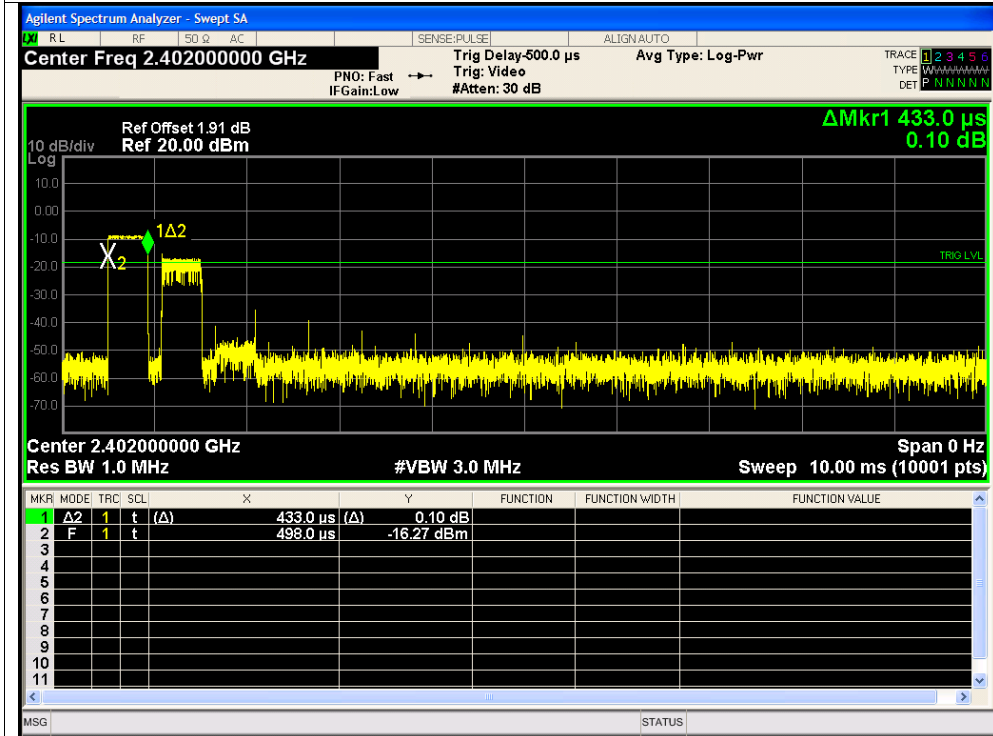
All the modes have tested and recorded the worst mode(GFSK) in the report

Condition	Mode	Frequency (MHz)	Antenna	Pulse Time (ms)	Dwell Time (ms)	Limit (ms)	Verdict
NVNT	1-DH1	2402	Ant1	0.433	216.933	400	Pass
NVNT	1-DH3	2402	Ant1	1.633	365.792	400	Pass
NVNT	1-DH5	2402	Ant1	2.833	382.455	400	Pass

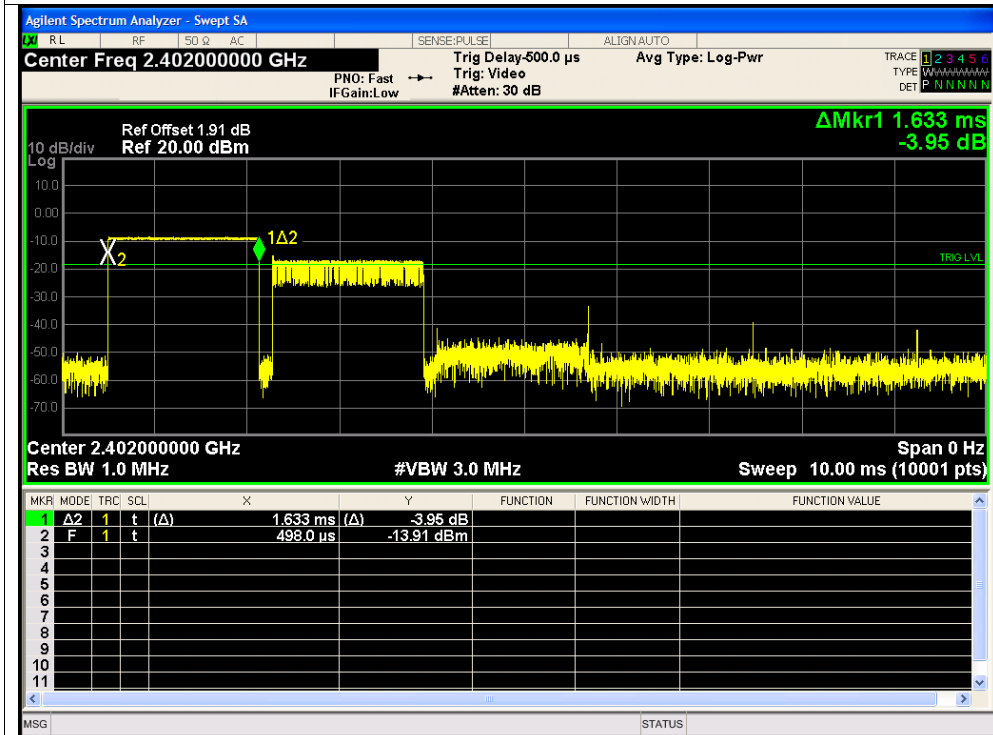
Note:
Dwell Time(DH1)=PW*(1600/2/79)*31.6
Dwell Time(DH3)=PW*(1600/4/79)*31.6
Dwell Time(DH5)=PW*(1600/6/79)*31.6

Test Graphs

Dwell NVNT 1-DH1 2402MHz Ant1 One Burst



Dwell NVNT 1-DH3 2402MHz Ant1 One Burst



Dwell NVNT 1-DH5 2402MHz Ant1 One Burst

