

RF Test Data for Bluetooth (Conducted Measurements)

General Description of EUT	
Product Name:	Wireless Microphone
Test Model:	S 60
Sample ID:	HC-C-202406-0183-01-01
Environmental Conditions	
Temperature:	24.2°C
Relative Humidity:	51.6%
Test Voltage:	DC 3.87V
Test Engineer:	Mike Yan
Note: For a more detailed features description, please refer to the report TBR-C-202406-0183-40 The report only show the worst case data.	

Contents

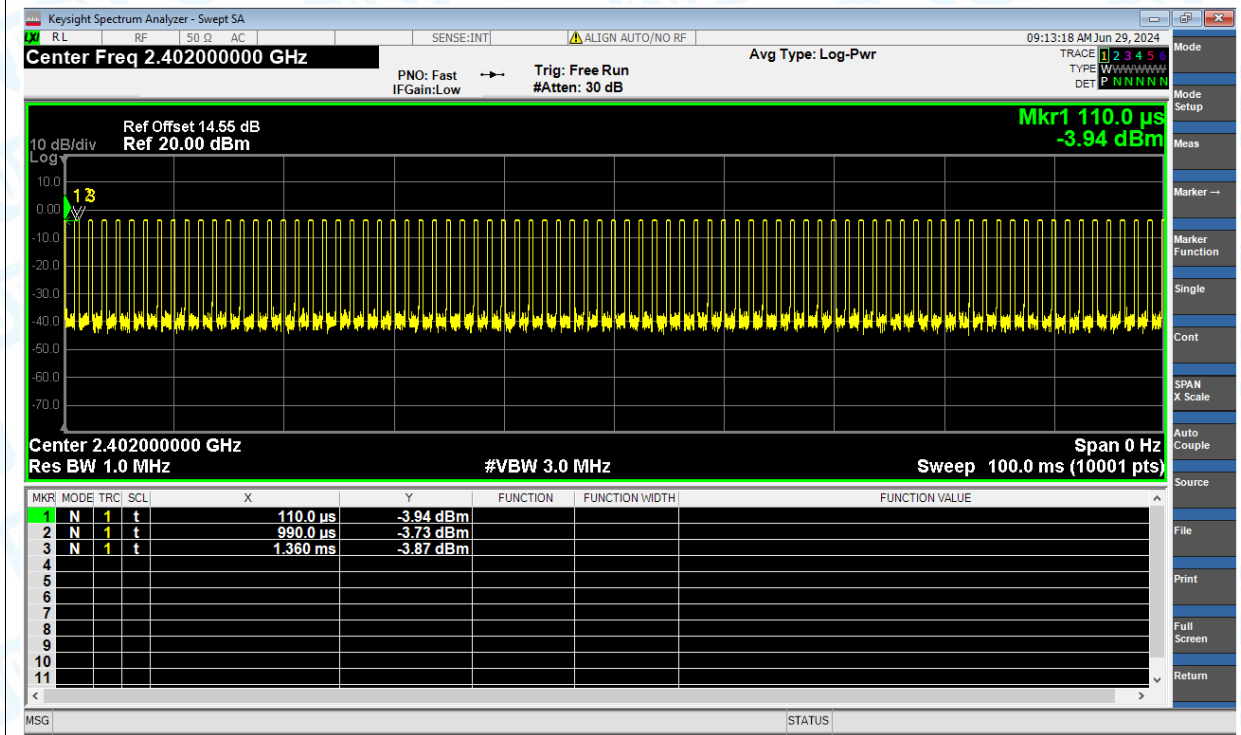
1. Duty Cycle.....	3
2. Maximum Conducted Output Power.....	9
3. -20dB Bandwidth.....	18
4. Occupied Channel Bandwidth.....	24
5. Band Edge.....	30
6. Band Edge(Hopping).....	37
7. Conducted RF Spurious Emission.....	44
8. Restrict Band.....	54
9. Carrier Frequencies Separation.....	61
10. Number of Hopping Channel.....	64
11. Dwell Time.....	67

1. Duty Cycle

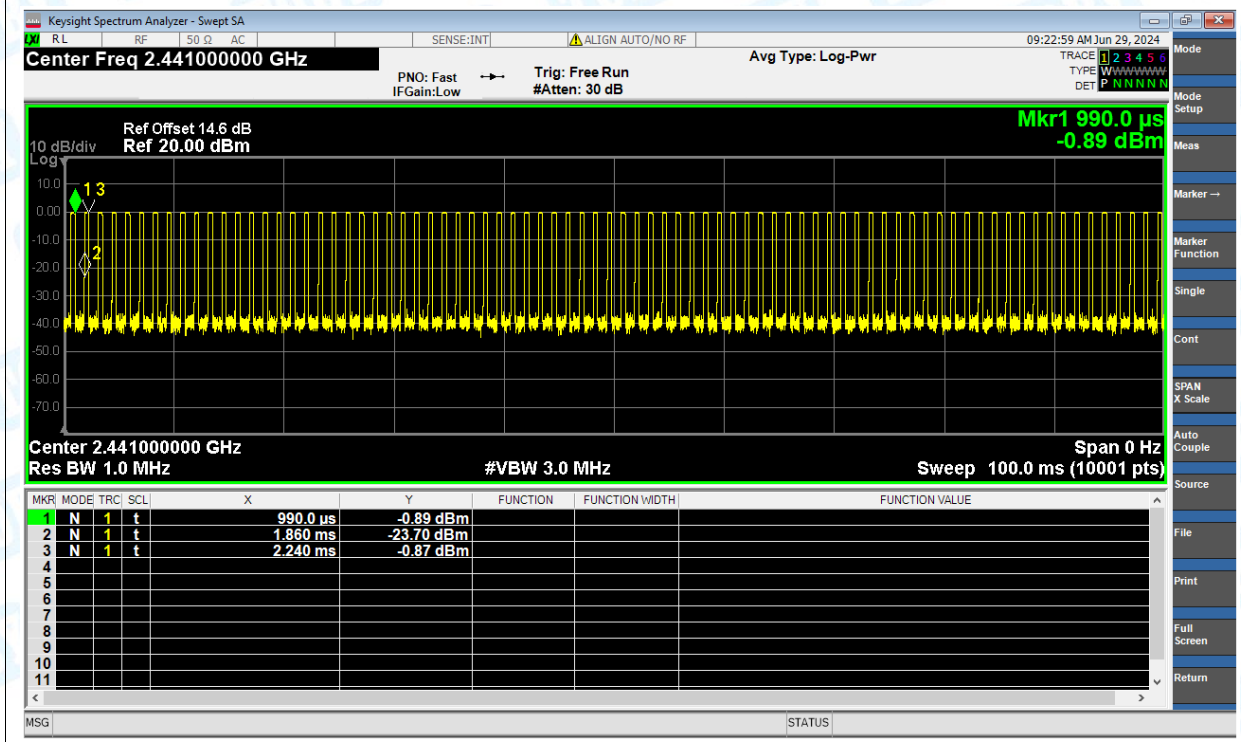
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	1-DH1	2402	Ant1	29.6	5.29	2.7
NVNT	1-DH1	2441	Ant1	30.4	5.17	2.63
NVNT	1-DH1	2480	Ant1	30.4	5.17	2.63
NVNT	2-DH1	2402	Ant1	30.4	5.17	2.63
NVNT	2-DH1	2441	Ant1	30.4	5.17	2.63
NVNT	2-DH1	2480	Ant1	30.4	5.17	2.63
NVNT	3-DH1	2402	Ant1	30.4	5.17	2.63
NVNT	3-DH1	2441	Ant1	30.4	5.17	2.63
NVNT	3-DH1	2480	Ant1	30.4	5.17	2.63

Test Graphs

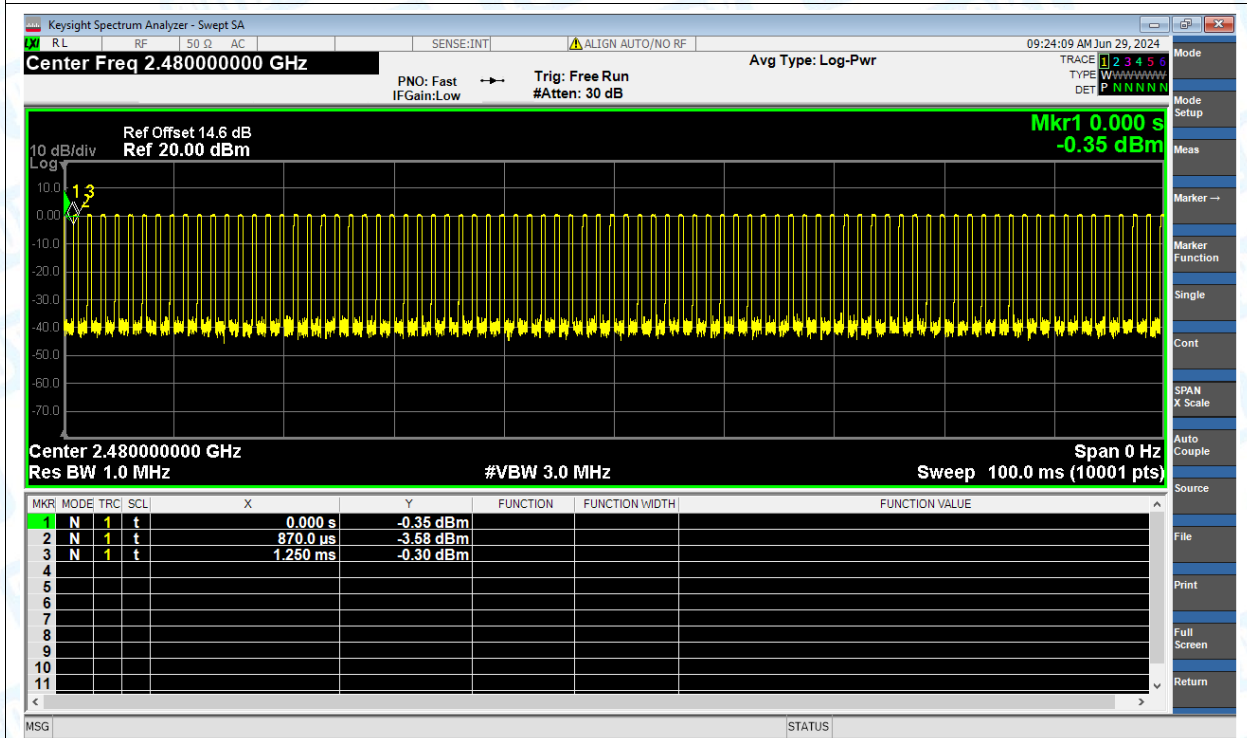
Duty Cycle NVNT 1-DH1 2402MHz Ant1



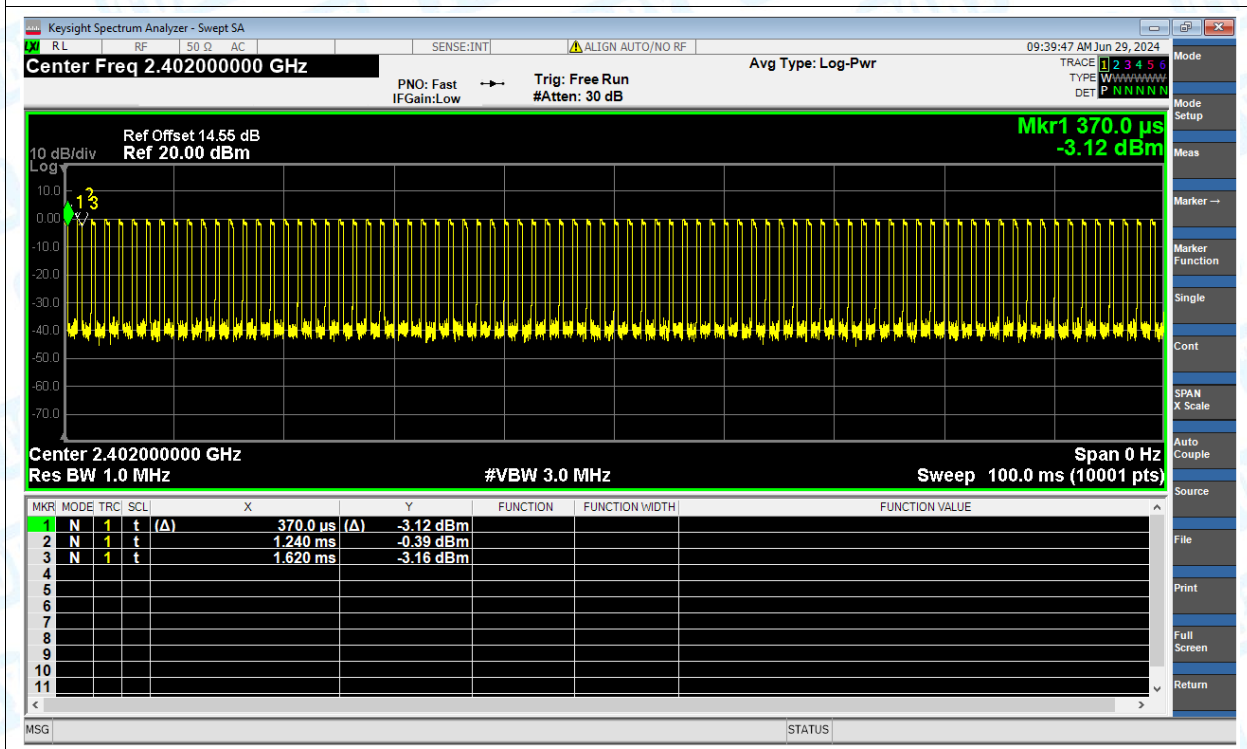
Duty Cycle NVNT 1-DH1 2441MHz Ant1



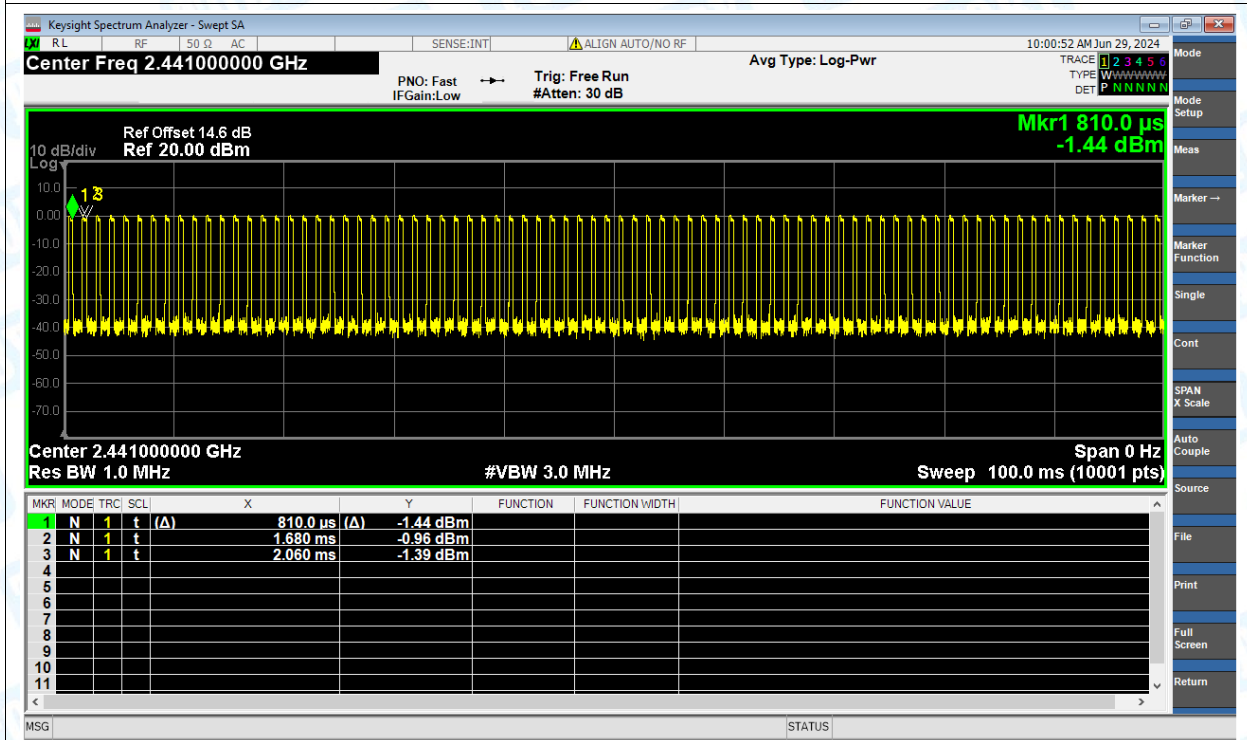
Duty Cycle NVNT 1-DH1 2480MHz Ant1



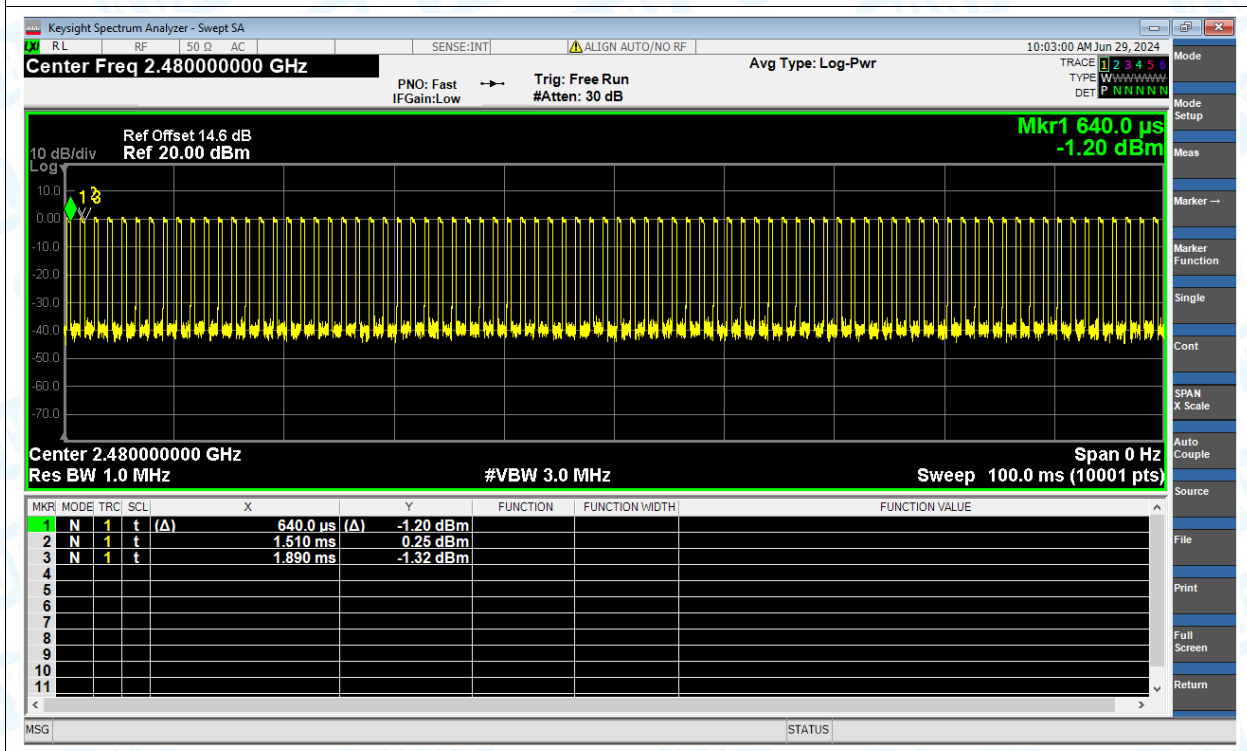
Duty Cycle NVNT 2-DH1 2402MHz Ant1



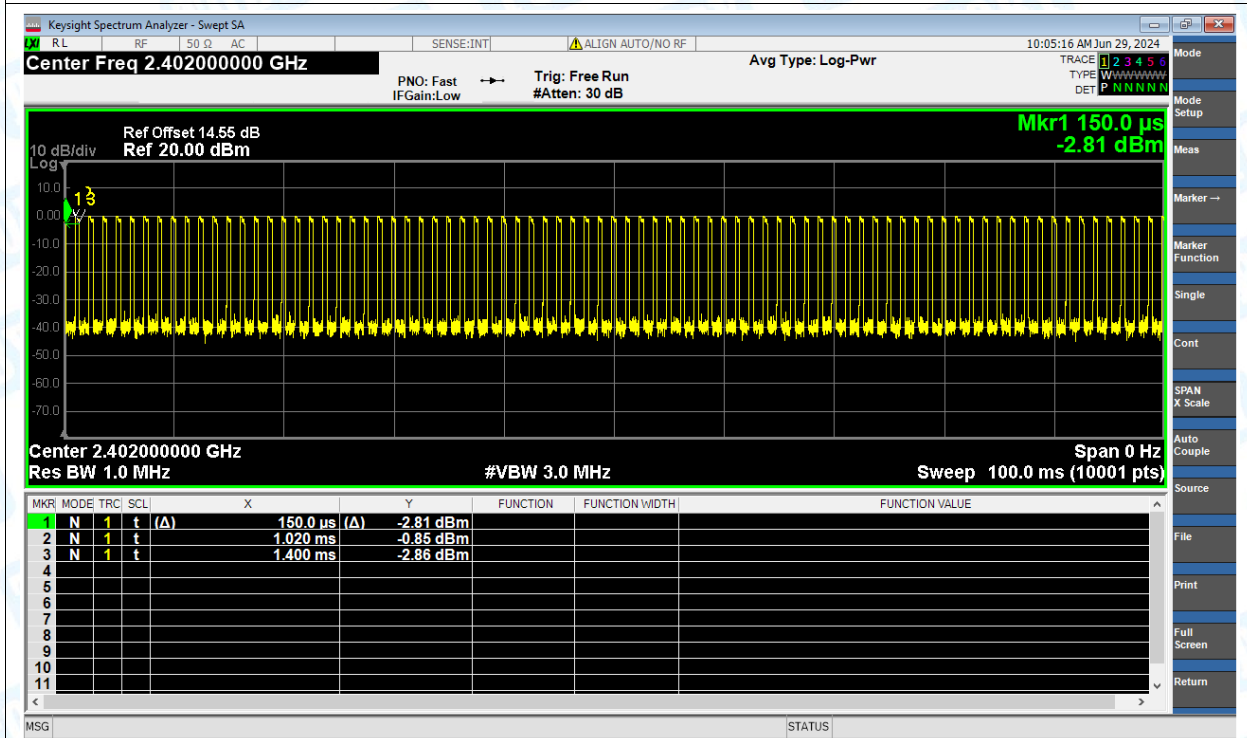
Duty Cycle NVNT 2-DH1 2441MHz Ant1



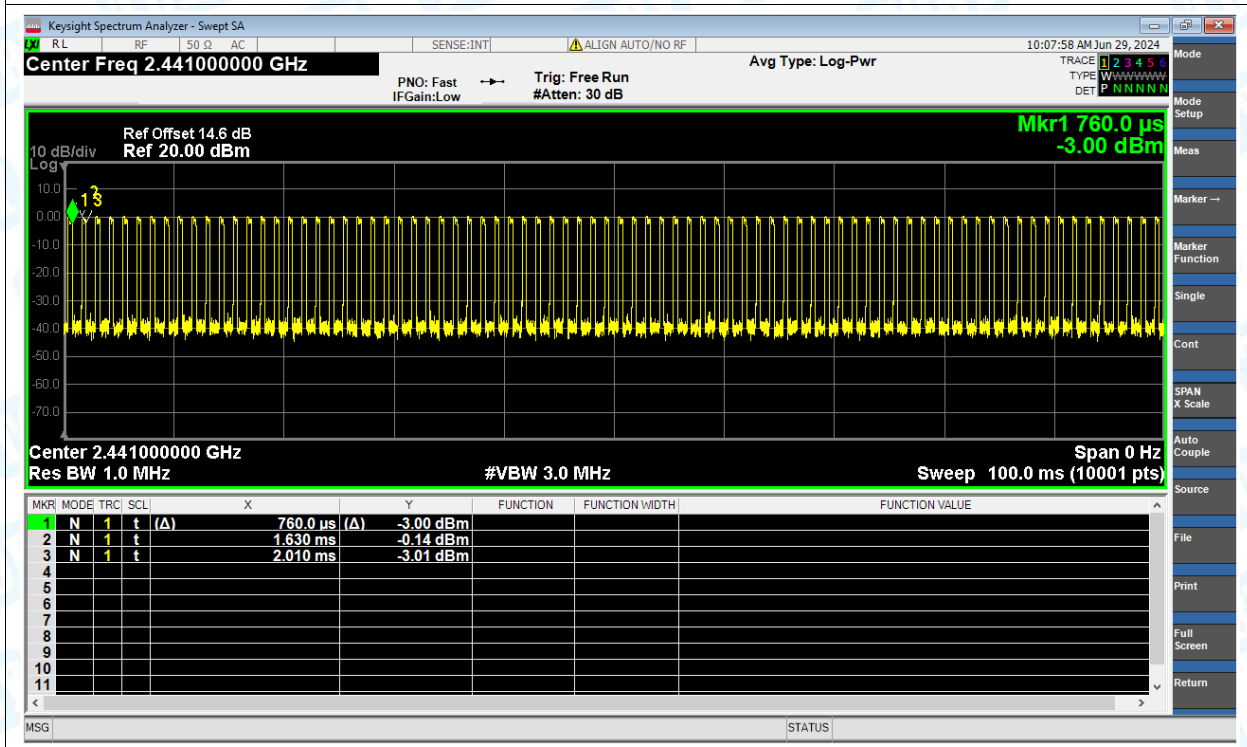
Duty Cycle NVNT 2-DH1 2480MHz Ant1

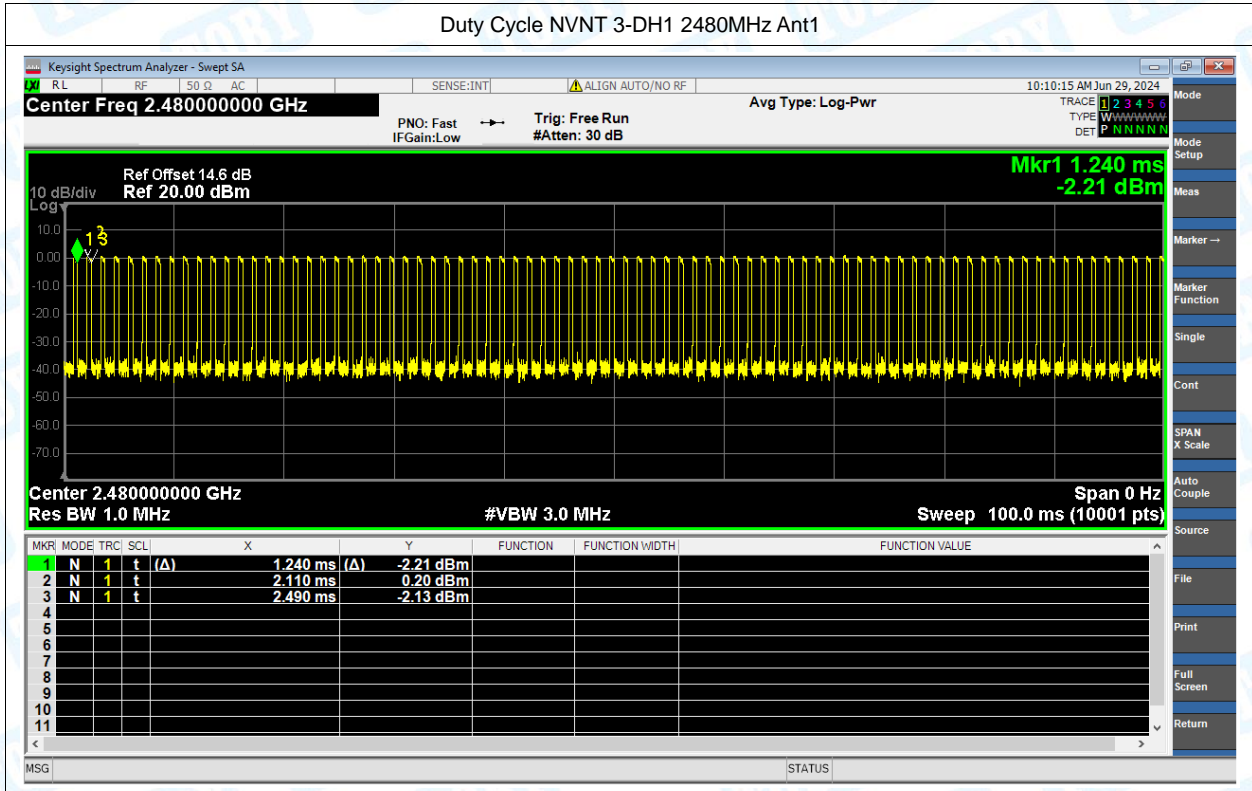


Duty Cycle NVNT 3-DH1 2402MHz Ant1



Duty Cycle NVNT 3-DH1 2441MHz Ant1



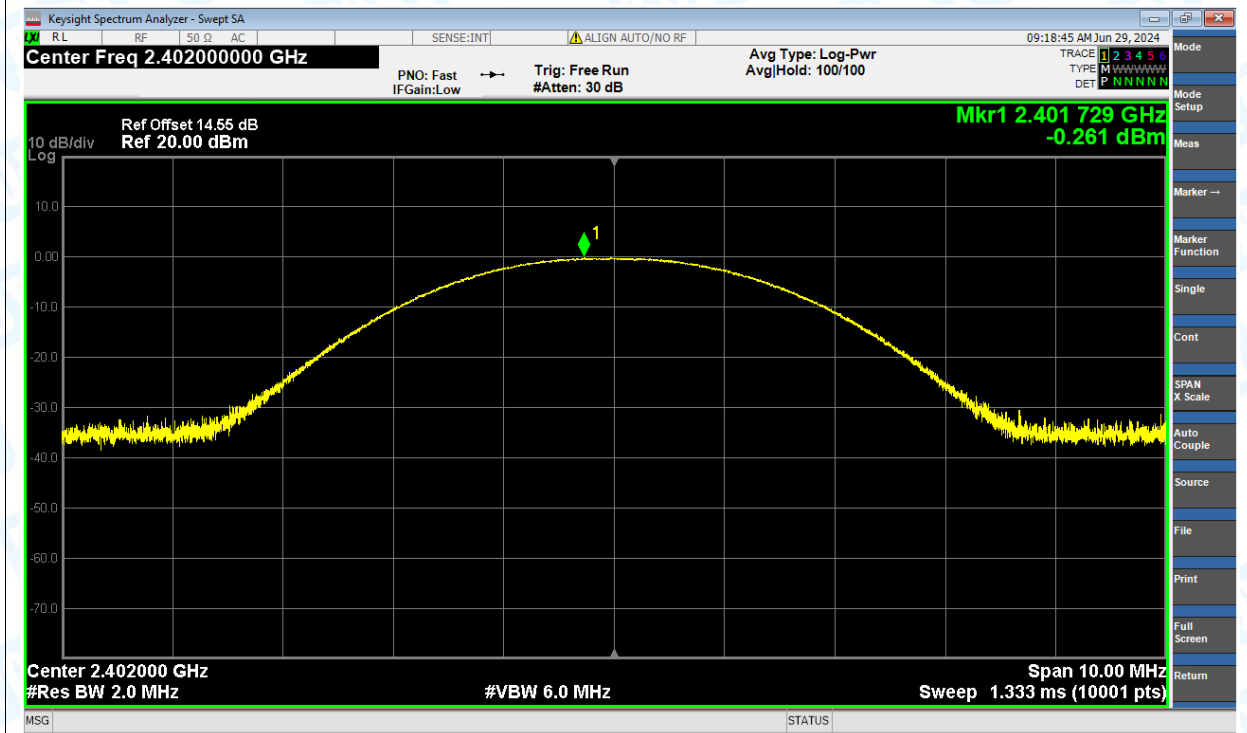


2. Maximum Conducted Output Power

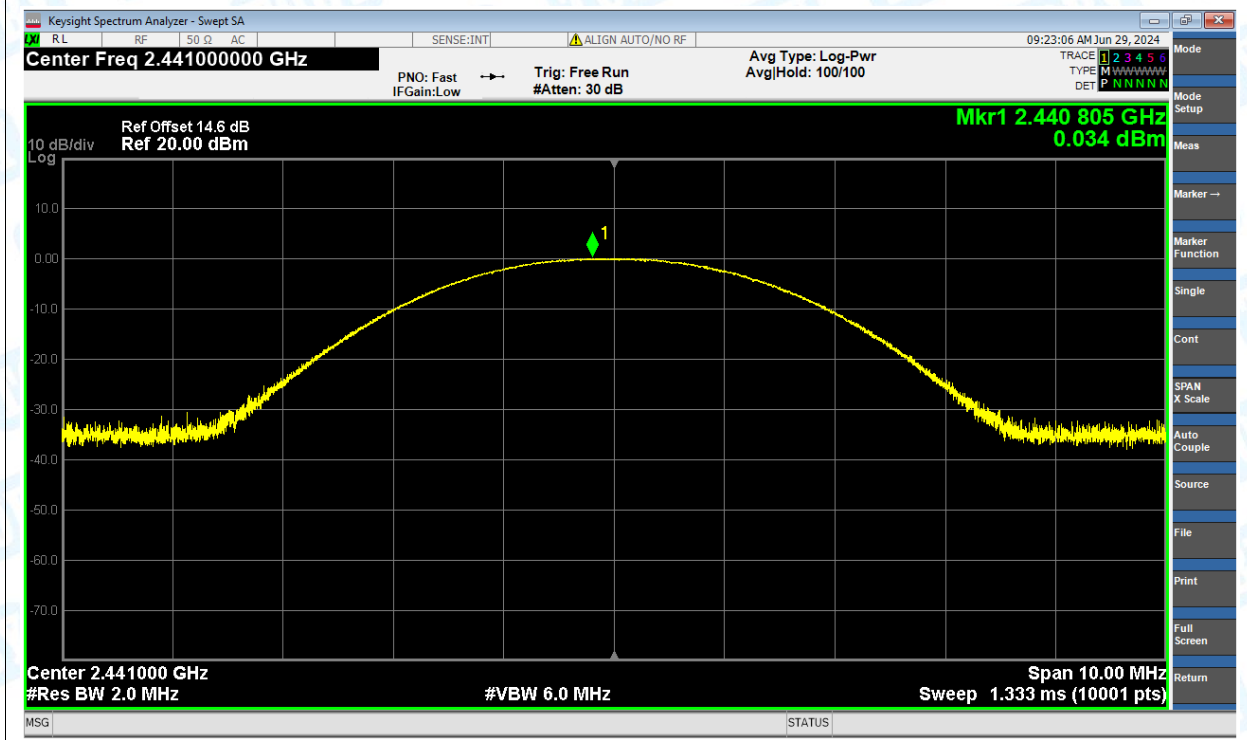
Condition	Mode	Frequency (MHz)	Total Power (dBm)	Limit (dBm)	Gain(dBm)	EIRP(dBm)	EIRP Limit (dBm)	Verdict
NVNT	1-DH1	2402	-0.261	21	-0.9	-1.161	36	Pass
NVNT	1-DH1	2441	0.034	21	-0.9	-0.866	36	Pass
NVNT	1-DH1	2480	0.61	21	-0.9	-0.29	36	Pass
NVNT	1-DH3	2441	0.417	21	-0.9	-0.483	36	Pass
NVNT	1-DH5	2441	0.384	21	-0.9	-0.516	36	Pass
NVNT	2-DH1	2402	0.067	21	-0.9	-0.833	36	Pass
NVNT	2-DH1	2441	0.337	21	-0.9	-0.563	36	Pass
NVNT	2-DH1	2480	0.868	21	-0.9	-0.032	36	Pass
NVNT	2-DH3	2441	0.314	21	-0.9	-0.586	36	Pass
NVNT	2-DH5	2441	0.302	21	-0.9	-0.598	36	Pass
NVNT	3-DH1	2402	0.12	21	-0.9	-0.78	36	Pass
NVNT	3-DH1	2441	0.362	21	-0.9	-0.538	36	Pass
NVNT	3-DH1	2480	0.847	21	-0.9	-0.053	36	Pass
NVNT	3-DH3	2441	0.345	21	-0.9	-0.555	36	Pass
NVNT	3-DH5	2441	0.296	21	-0.9	-0.604	36	Pass

Test Graphs

Power NVNT 1-DH1 2402MHz Ant1



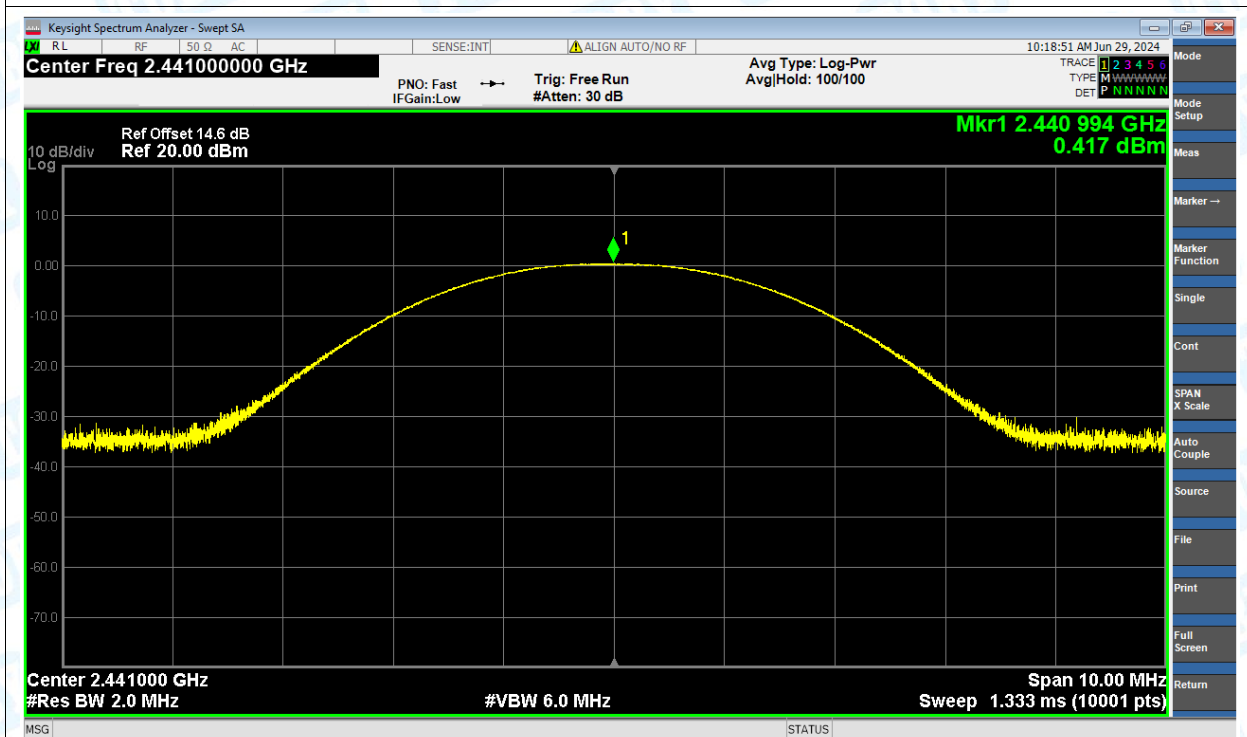
Power NVNT 1-DH1 2441MHz Ant1



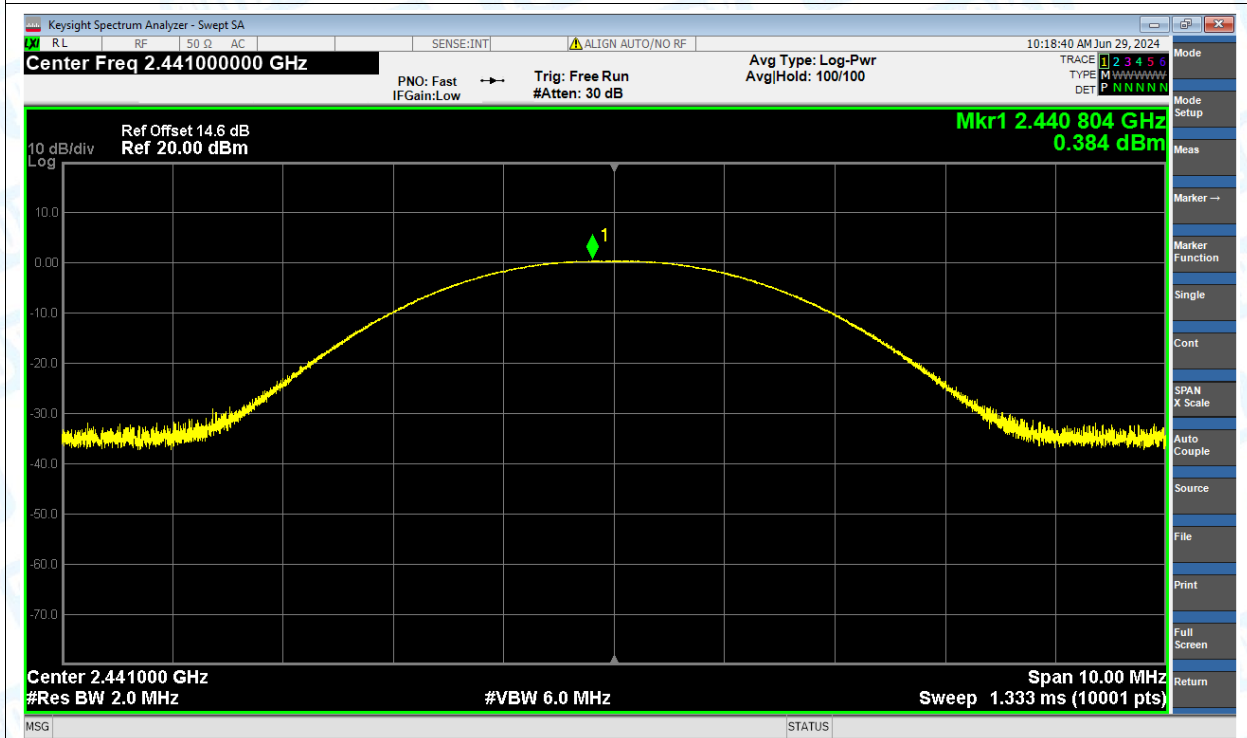
Power NVNT 1-DH1 2480MHz Ant1



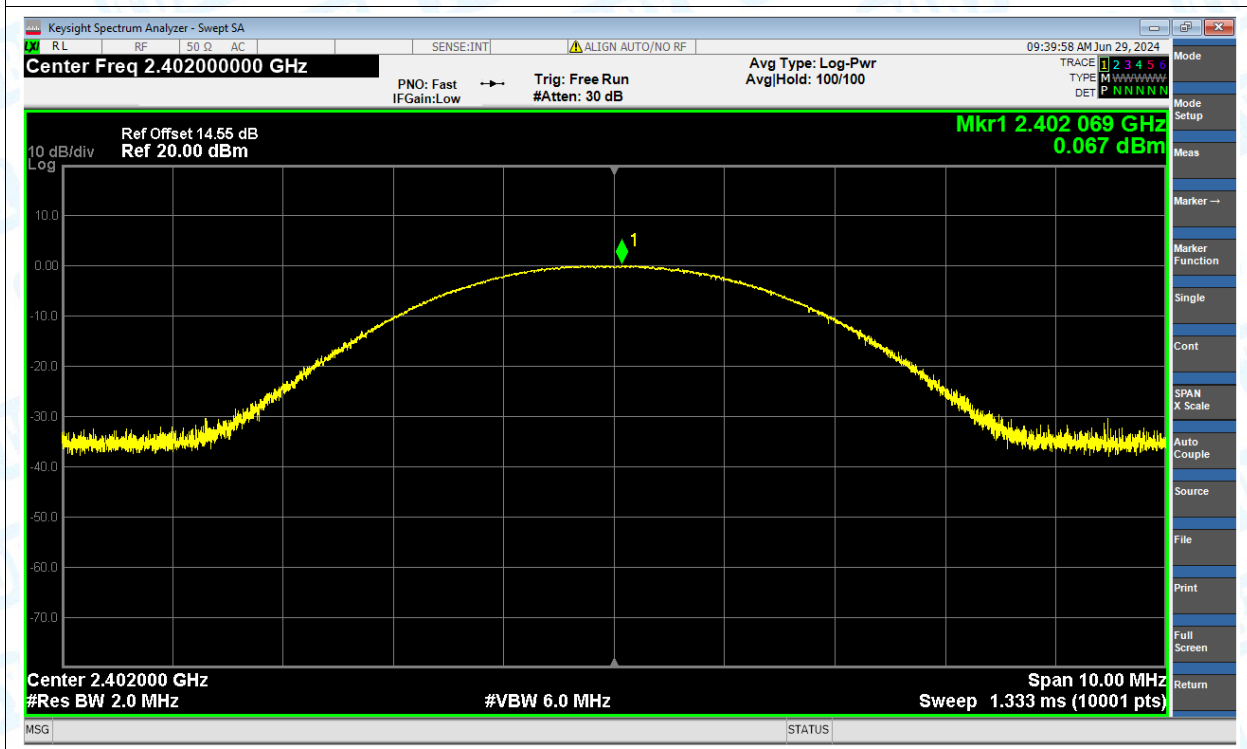
Power NVNT 1-DH3 2441MHz Ant1



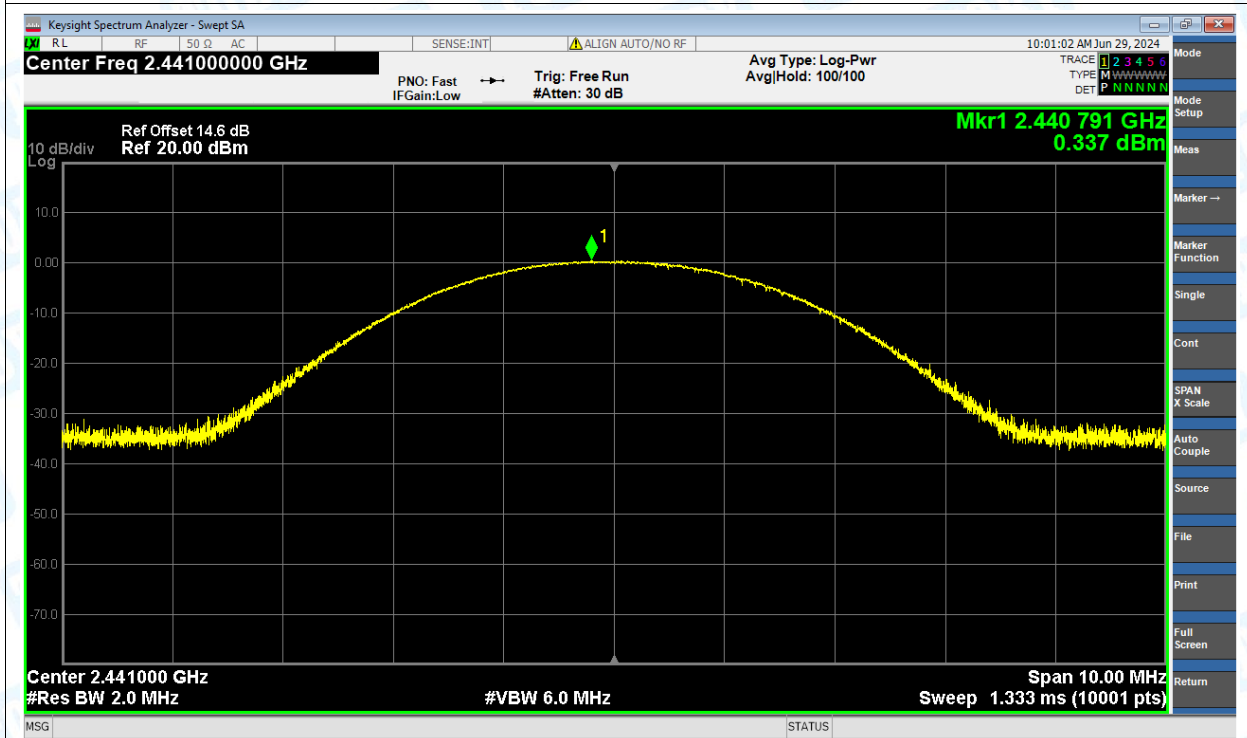
Power NVNT 1-DH5 2441MHz Ant1



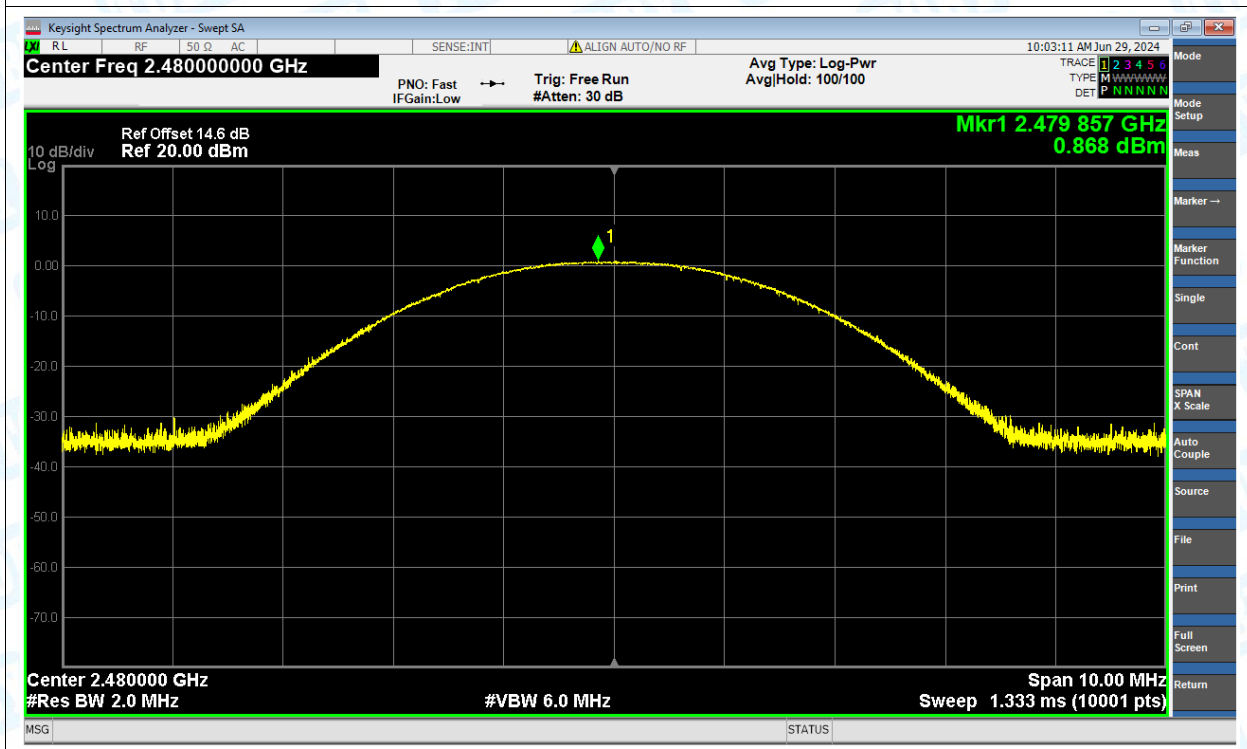
Power NVNT 2-DH1 2402MHz Ant1



Power NVNT 2-DH1 2441MHz Ant1



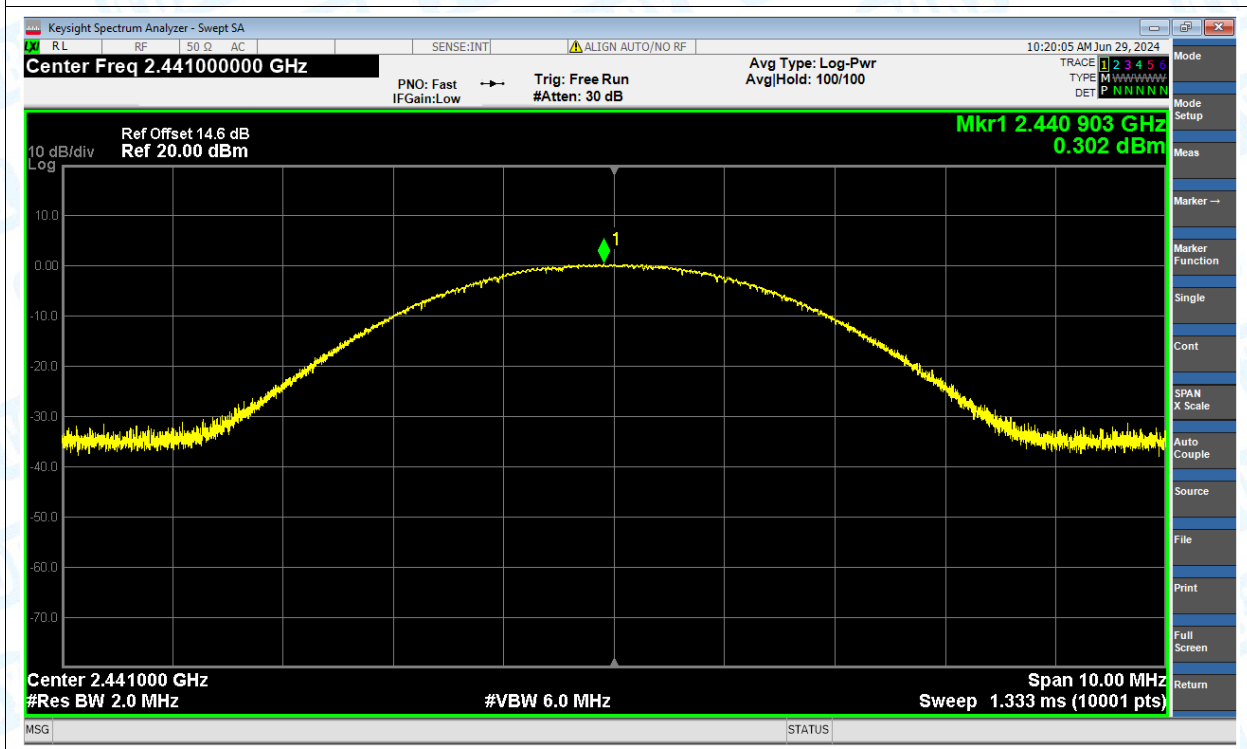
Power NVNT 2-DH1 2480MHz Ant1



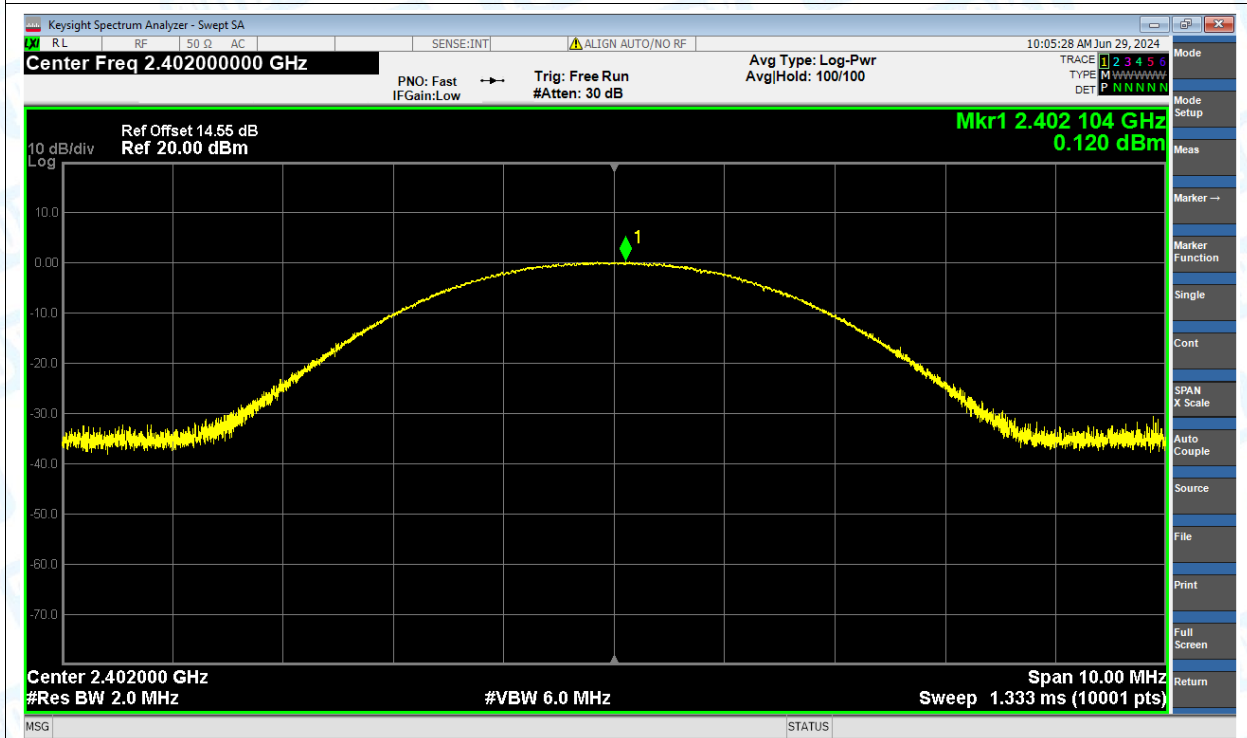
Power NVNT 2-DH3 2441MHz Ant1



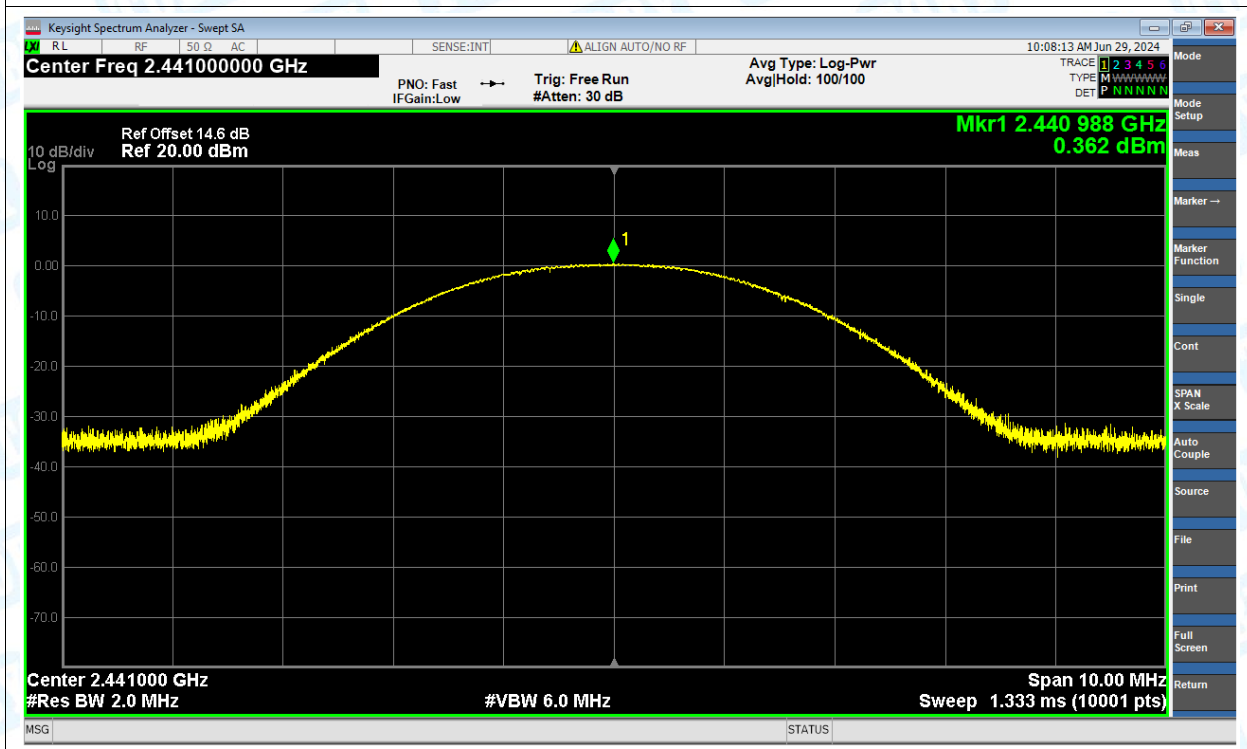
Power NVNT 2-DH5 2441MHz Ant1



Power NVNT 3-DH1 2402MHz Ant1



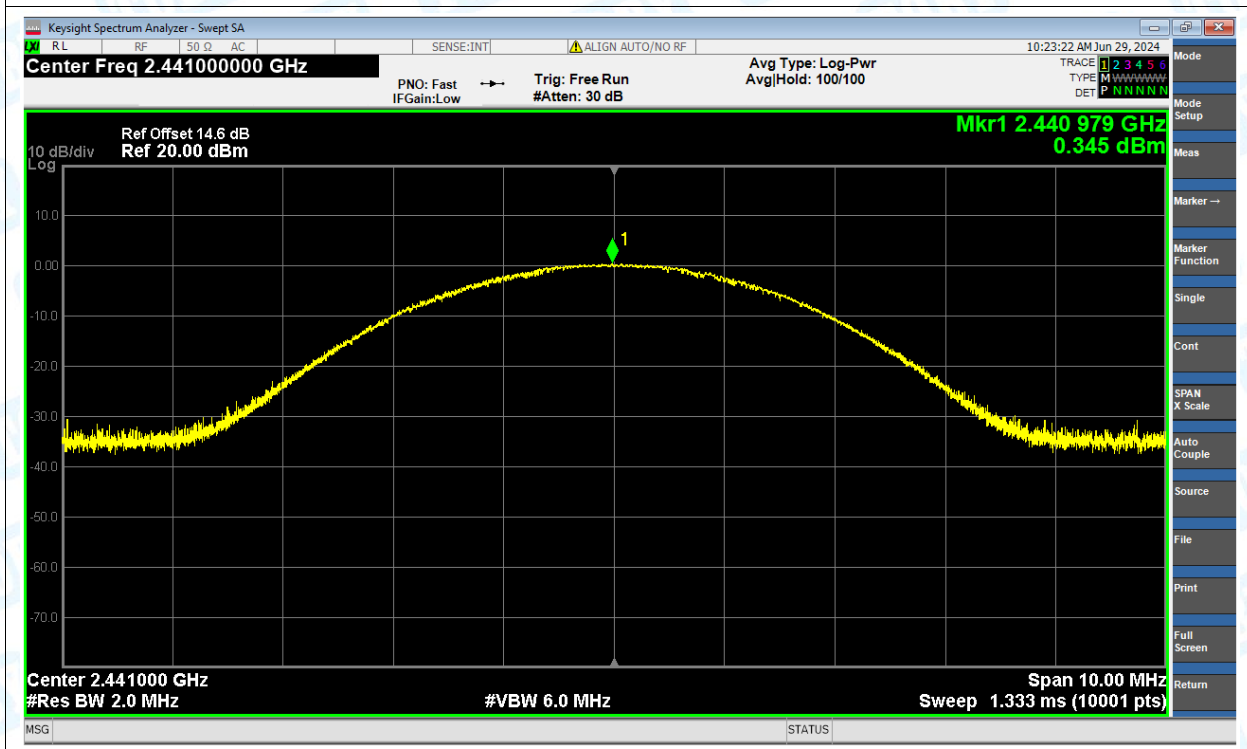
Power NVNT 3-DH1 2441MHz Ant1



Power NVNT 3-DH1 2480MHz Ant1



Power NVNT 3-DH3 2441MHz Ant1



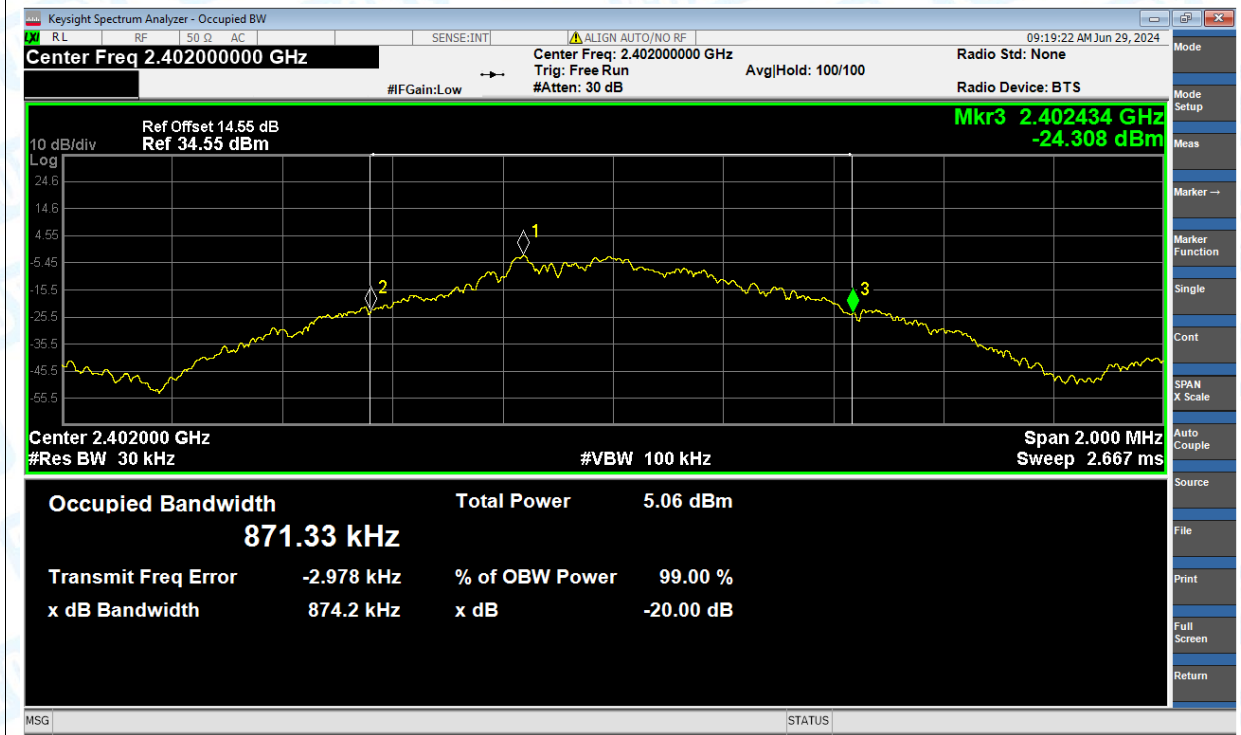


3. -20dB Bandwidth

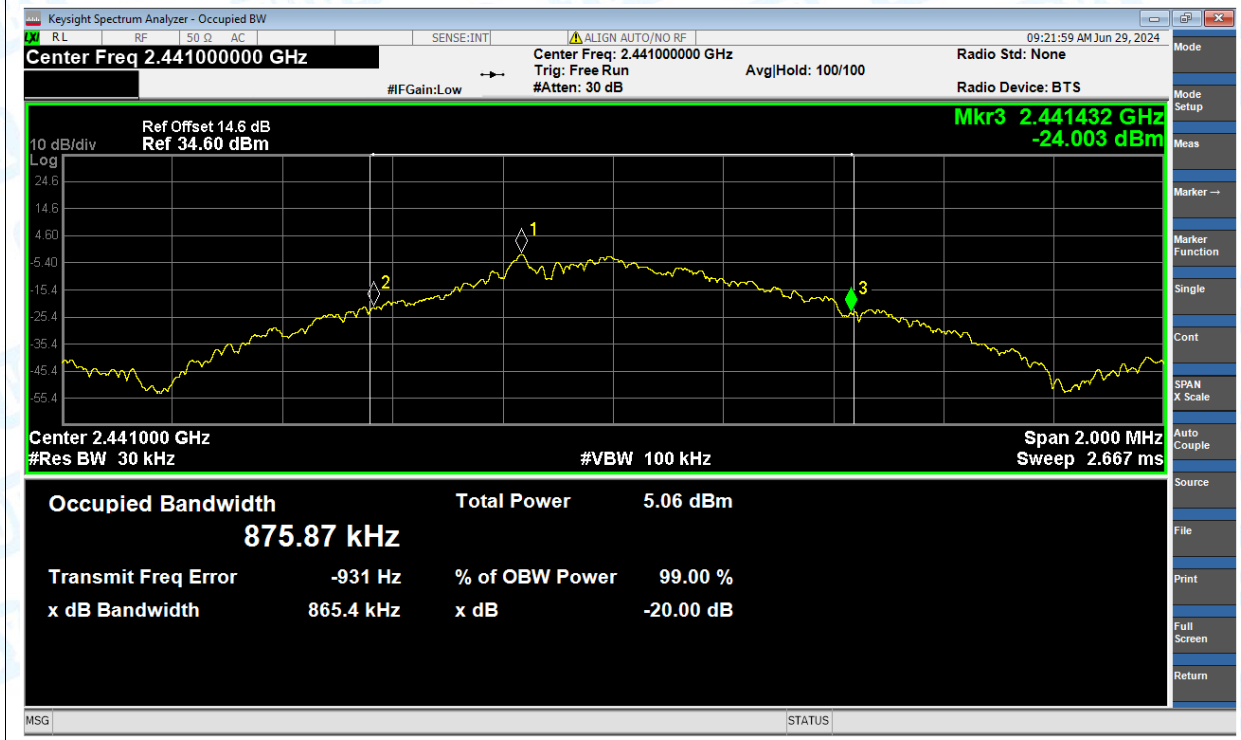
Condition	Mode	Frequency (MHz)	Antenna	-20 dB Bandwidth (MHz)	Limit -20 dB Bandwidth (MHz)	Verdict
NVNT	1-DH1	2402	Ant1	0.87	0	Pass
NVNT	1-DH1	2441	Ant1	0.87	0	Pass
NVNT	1-DH1	2480	Ant1	0.87	0	Pass
NVNT	2-DH1	2402	Ant1	1.19	0	Pass
NVNT	2-DH1	2441	Ant1	1.2	0	Pass
NVNT	2-DH1	2480	Ant1	1.21	0	Pass
NVNT	3-DH1	2402	Ant1	1.22	0	Pass
NVNT	3-DH1	2441	Ant1	1.19	0	Pass
NVNT	3-DH1	2480	Ant1	1.21	0	Pass

Test Graphs

-20dB Bandwidth NVNT 1-DH1 2402MHz Ant1



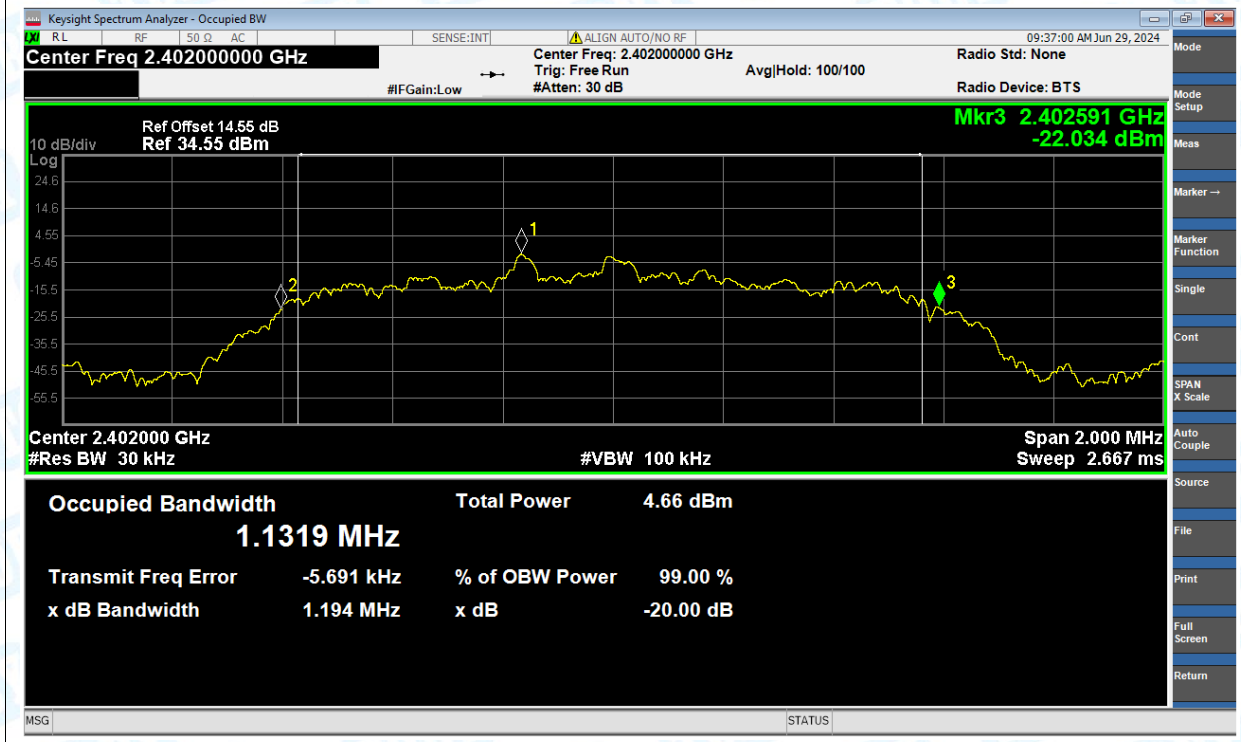
-20dB Bandwidth NVNT 1-DH1 2441MHz Ant1



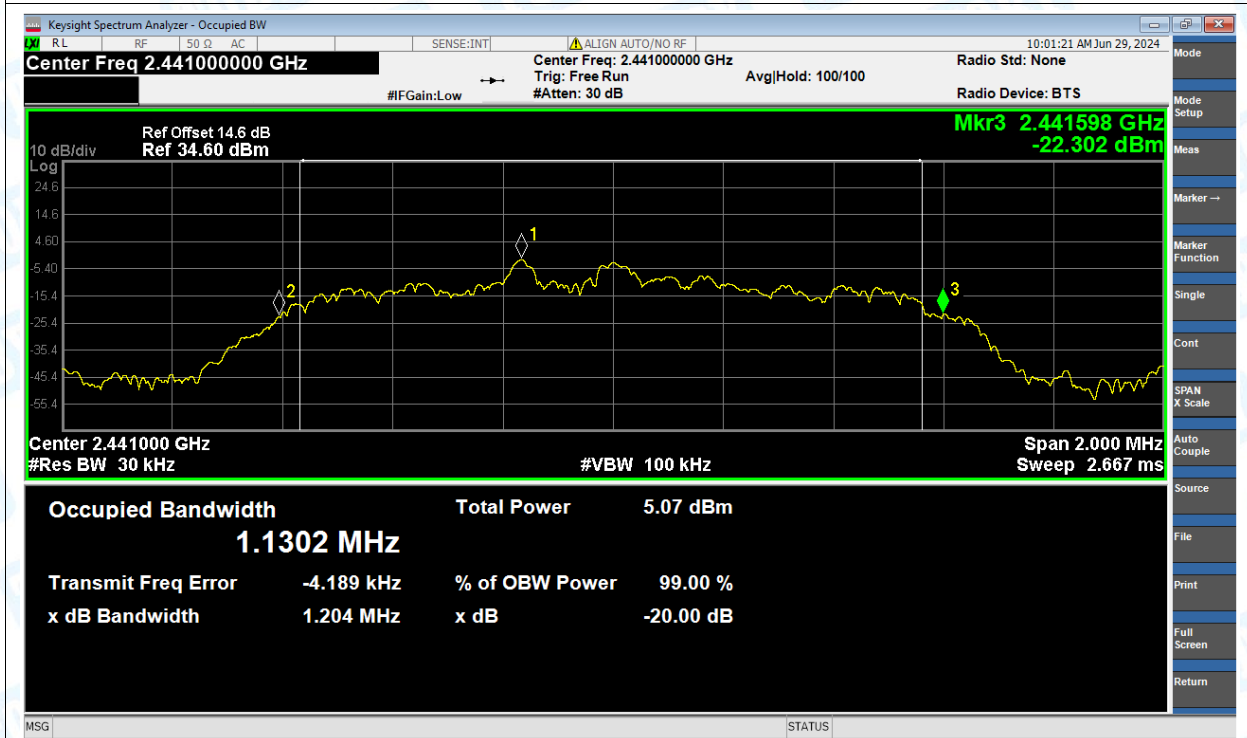
-20dB Bandwidth NVNT 1-DH1 2480MHz Ant1



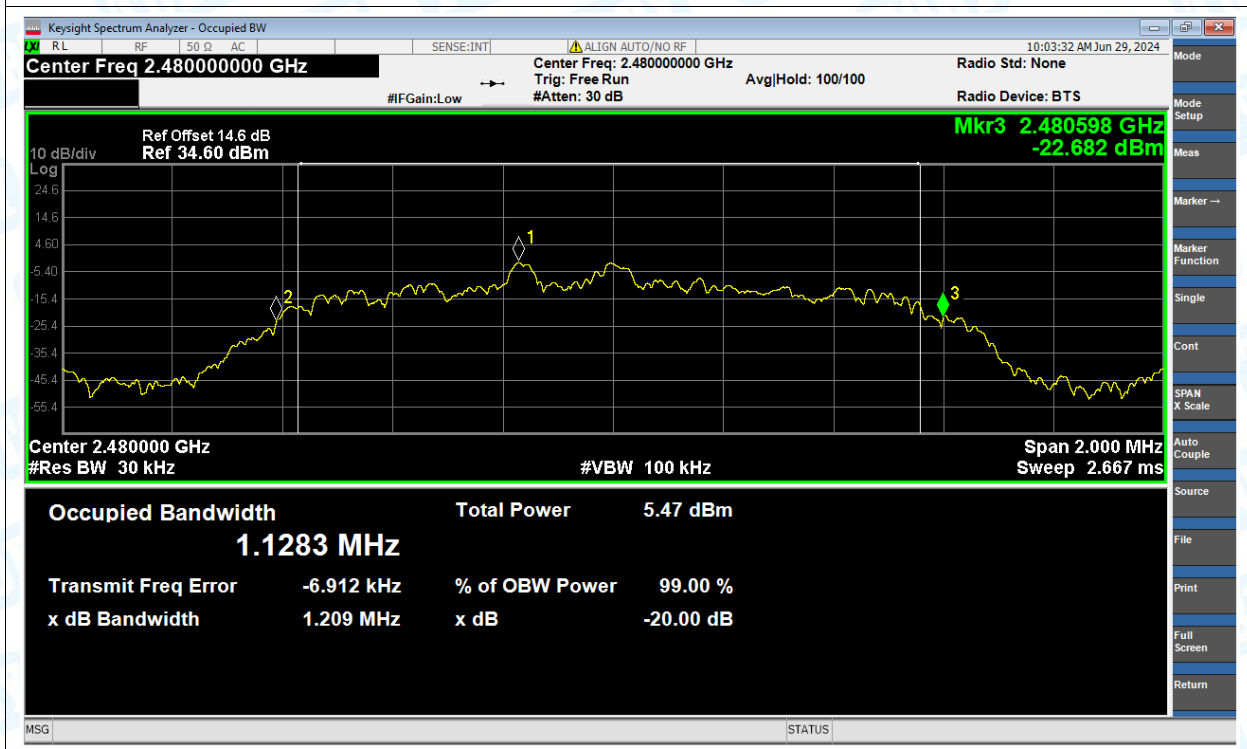
-20dB Bandwidth NVNT 2-DH1 2402MHz Ant1



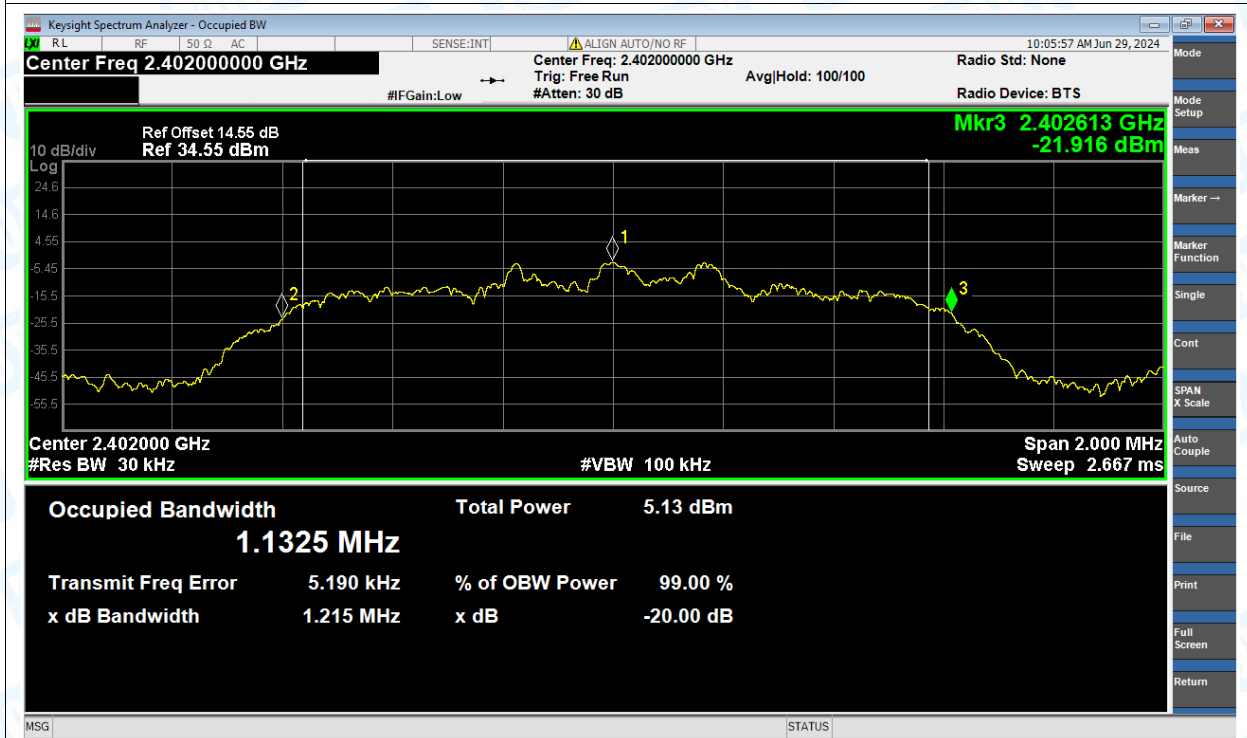
-20dB Bandwidth NVNT 2-DH1 2441MHz Ant1



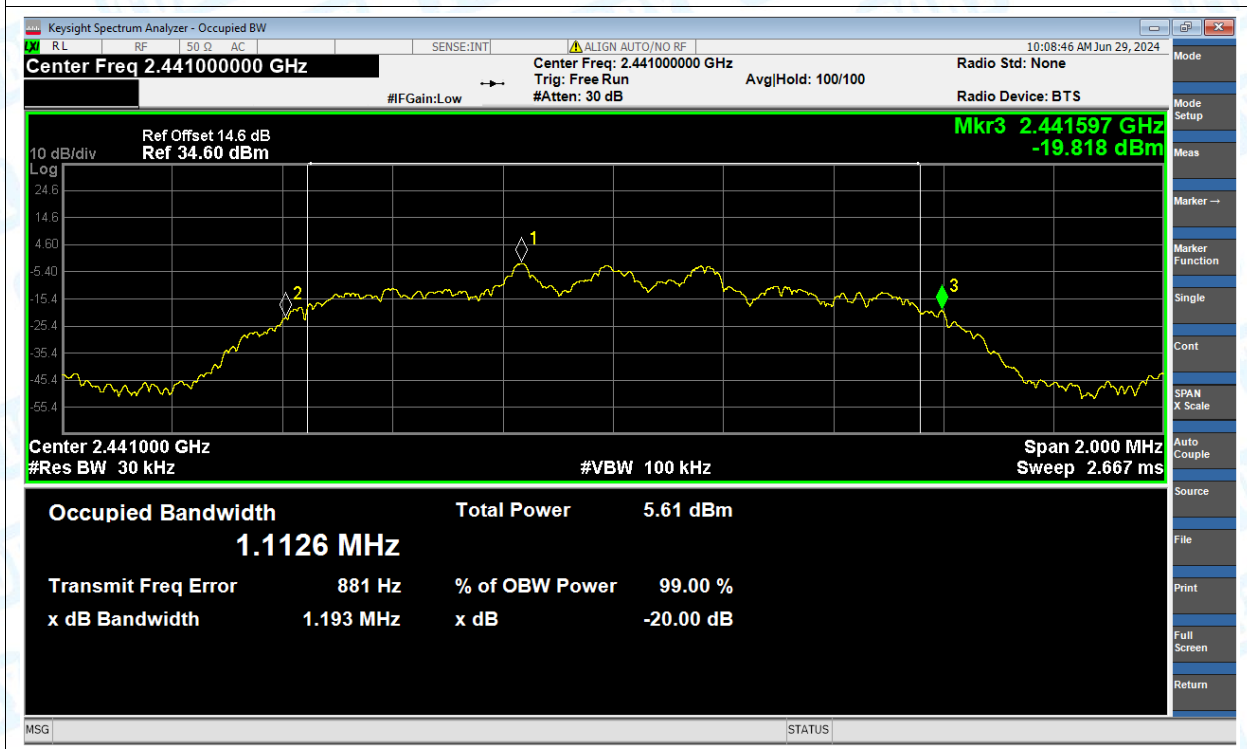
-20dB Bandwidth NVNT 2-DH1 2480MHz Ant1

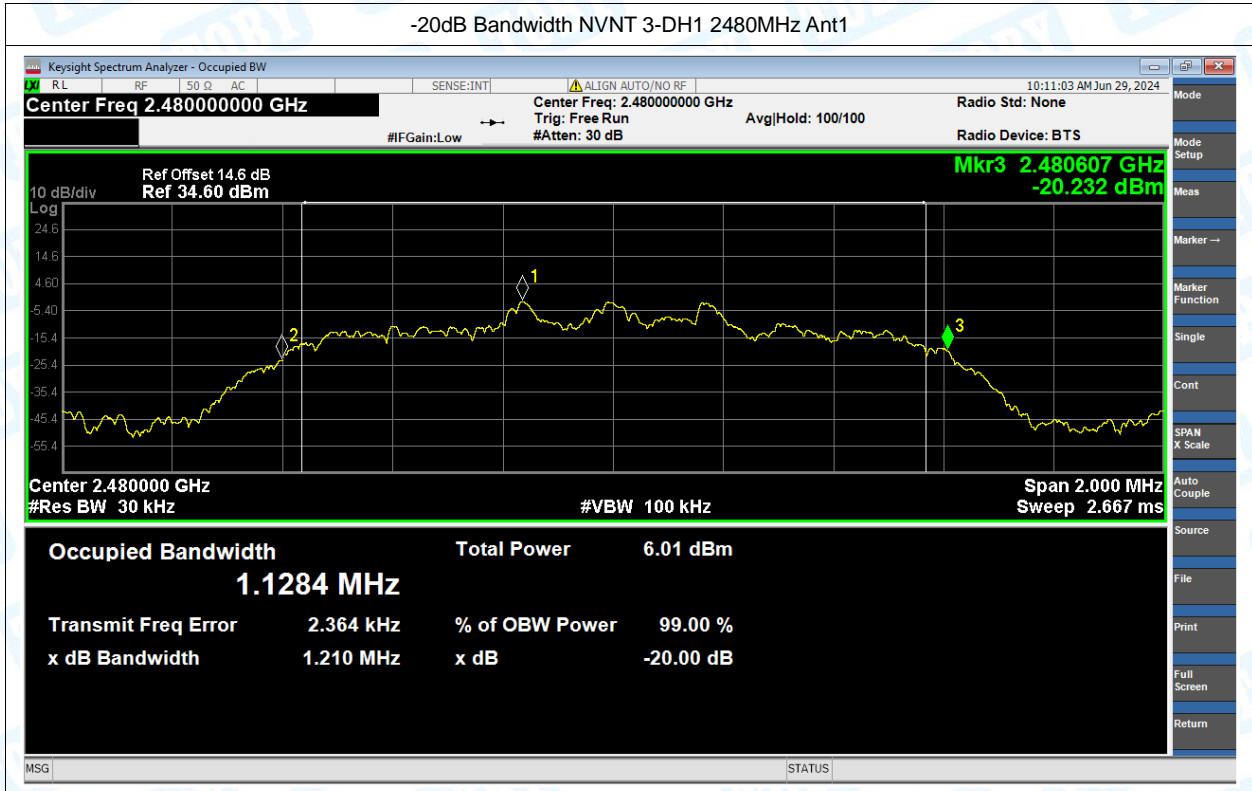


-20dB Bandwidth NVNT 3-DH1 2402MHz Ant1



-20dB Bandwidth NVNT 3-DH1 2441MHz Ant1



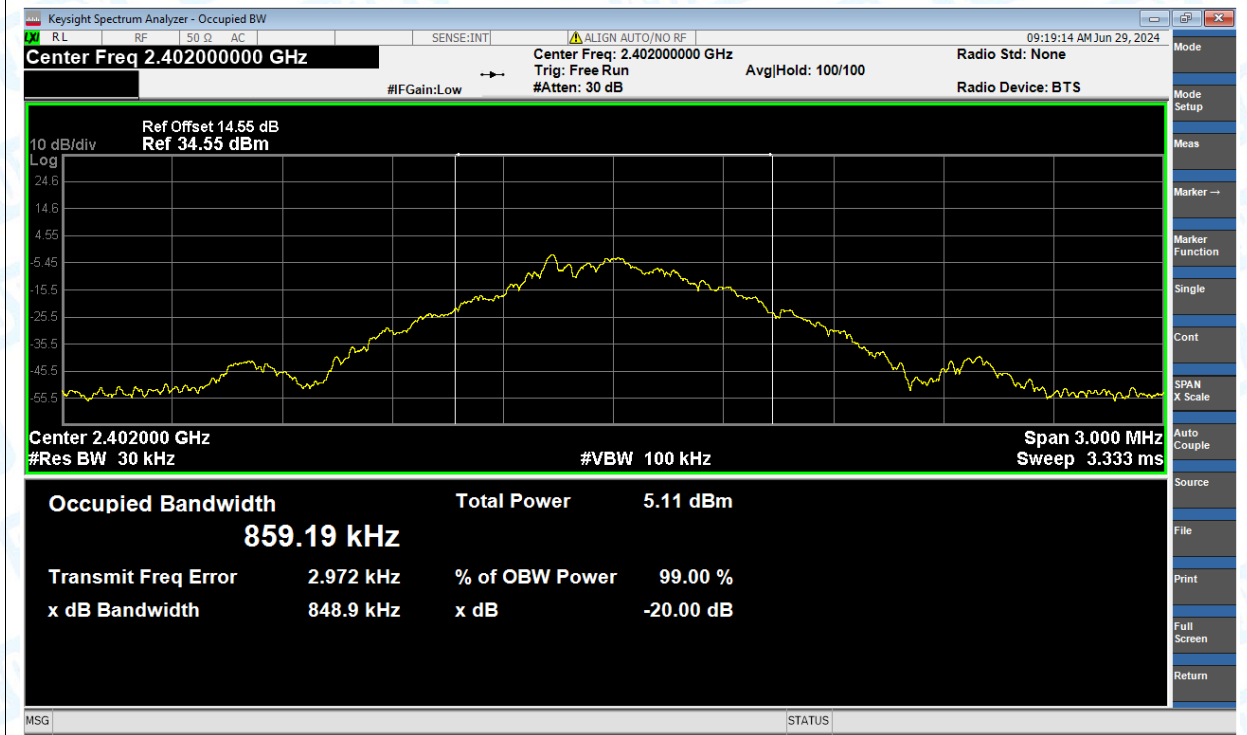


4. Occupied Channel Bandwidth

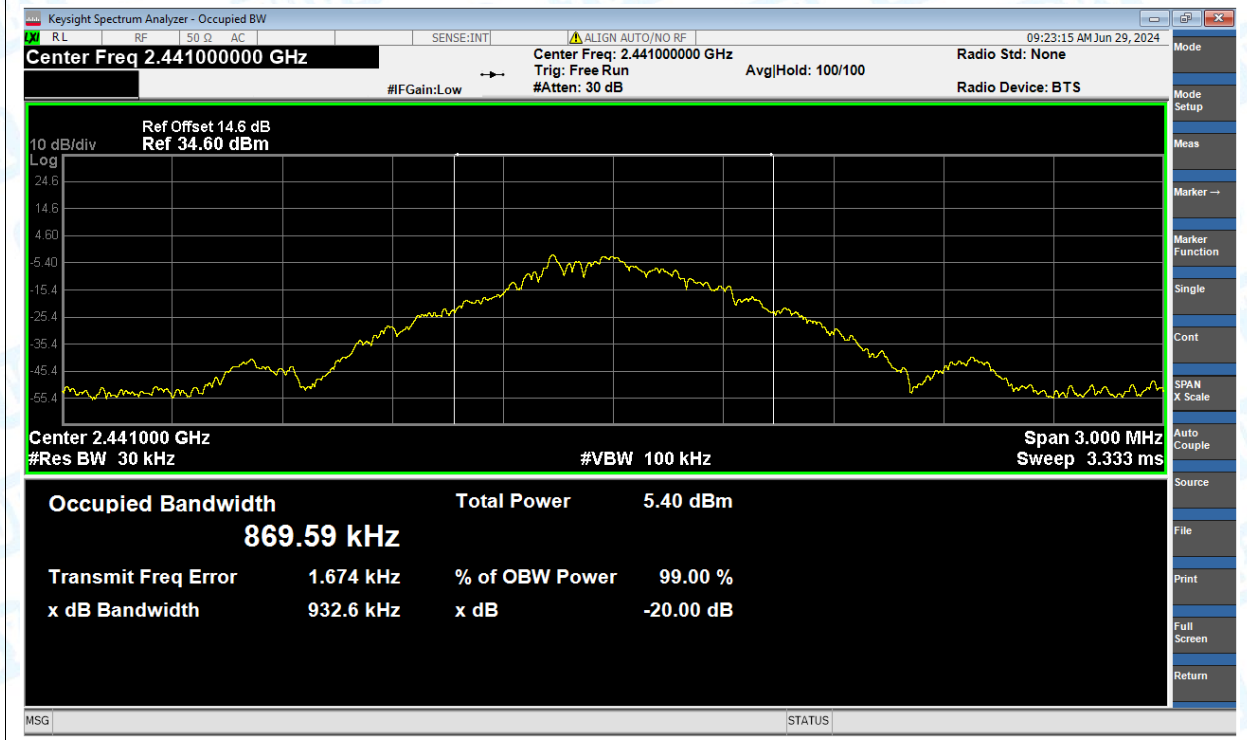
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	1-DH1	2402	Ant1	0.859
NVNT	1-DH1	2441	Ant1	0.87
NVNT	1-DH1	2480	Ant1	0.864
NVNT	2-DH1	2402	Ant1	1.137
NVNT	2-DH1	2441	Ant1	1.129
NVNT	2-DH1	2480	Ant1	1.136
NVNT	3-DH1	2402	Ant1	1.128
NVNT	3-DH1	2441	Ant1	1.121
NVNT	3-DH1	2480	Ant1	1.123

Test Graphs

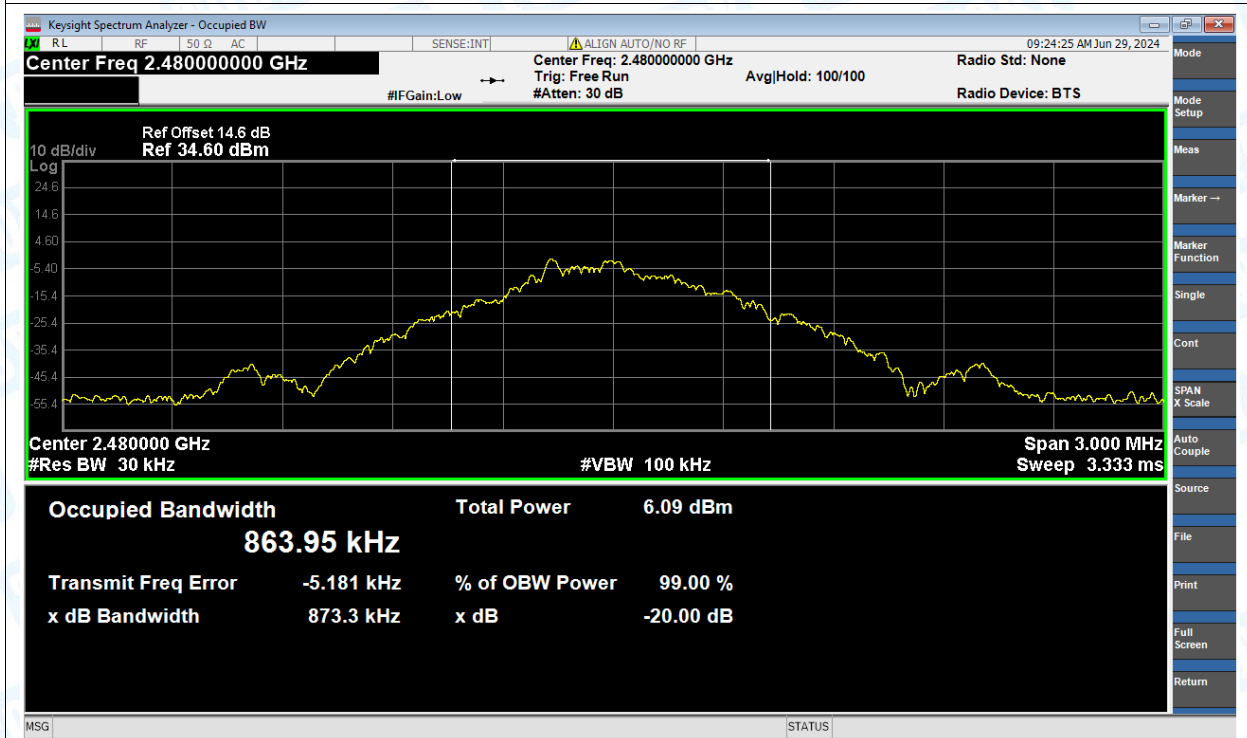
OBW NVNT 1-DH1 2402MHz Ant1



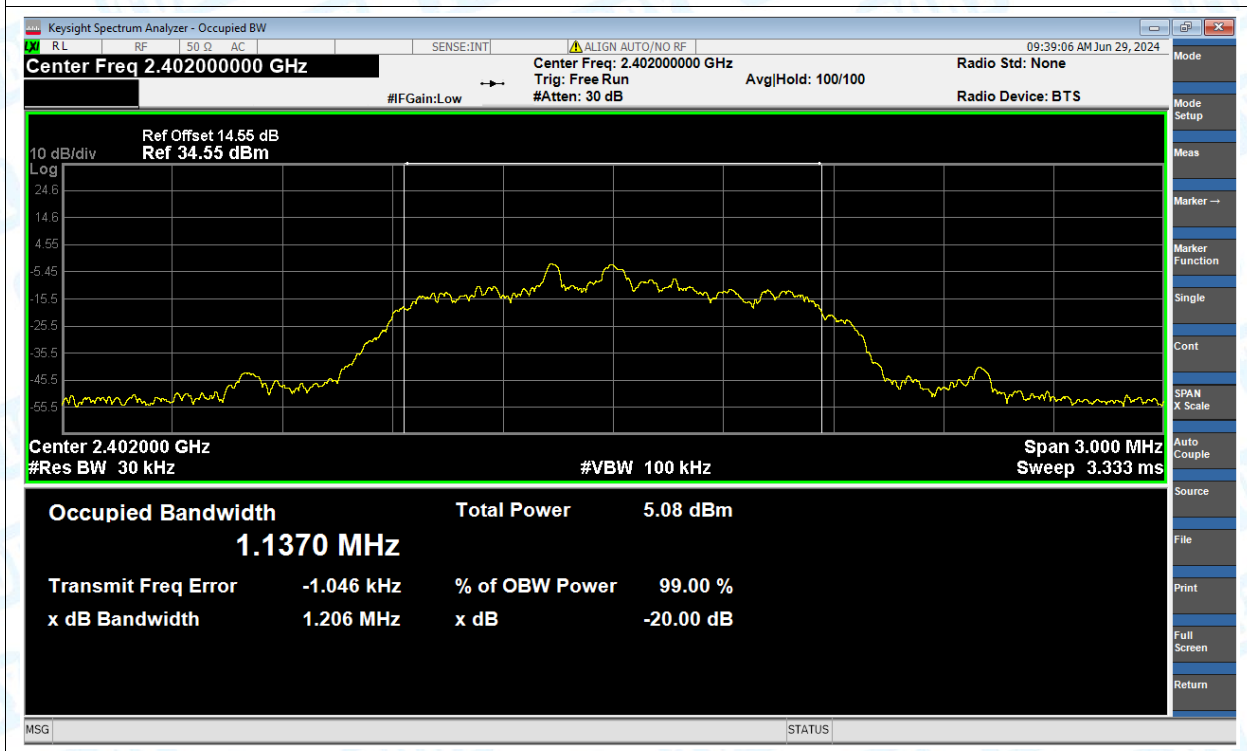
OBW NVNT 1-DH1 2441MHz Ant1



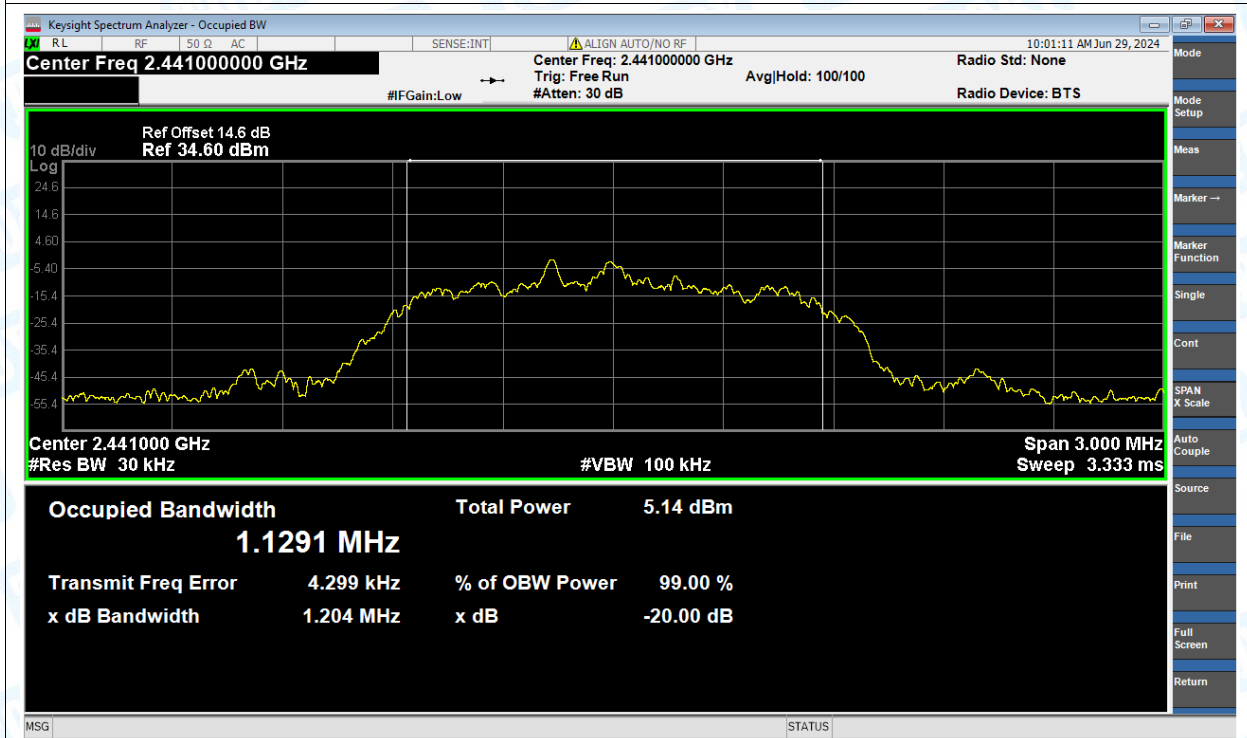
OBW NVNT 1-DH1 2480MHz Ant1



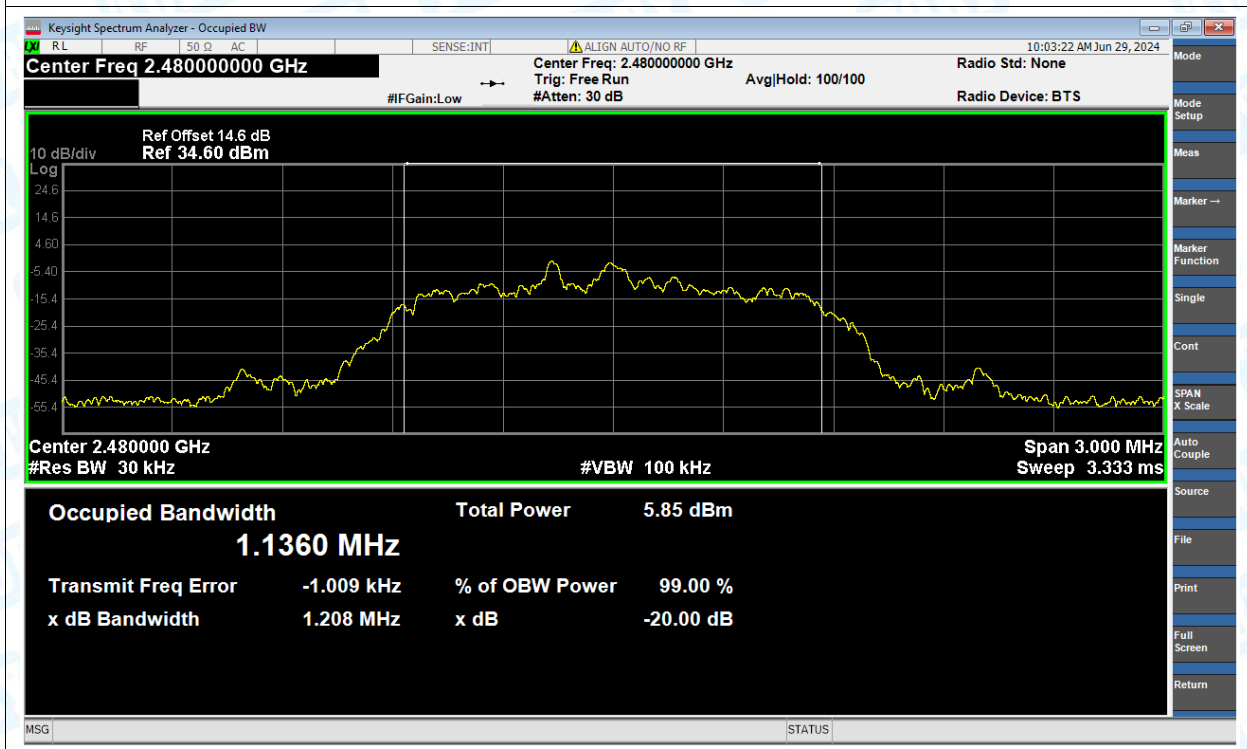
OBW NVNT 2-DH1 2402MHz Ant1



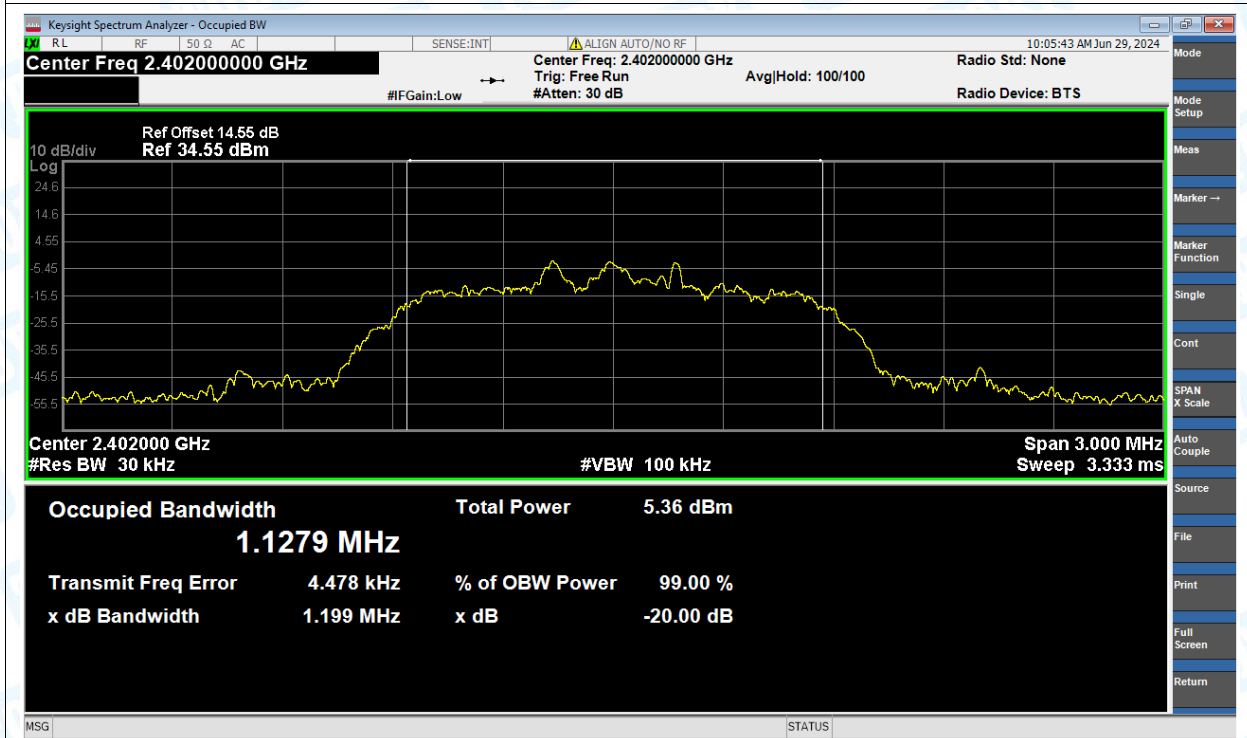
OBW NVNT 2-DH1 2441MHz Ant1



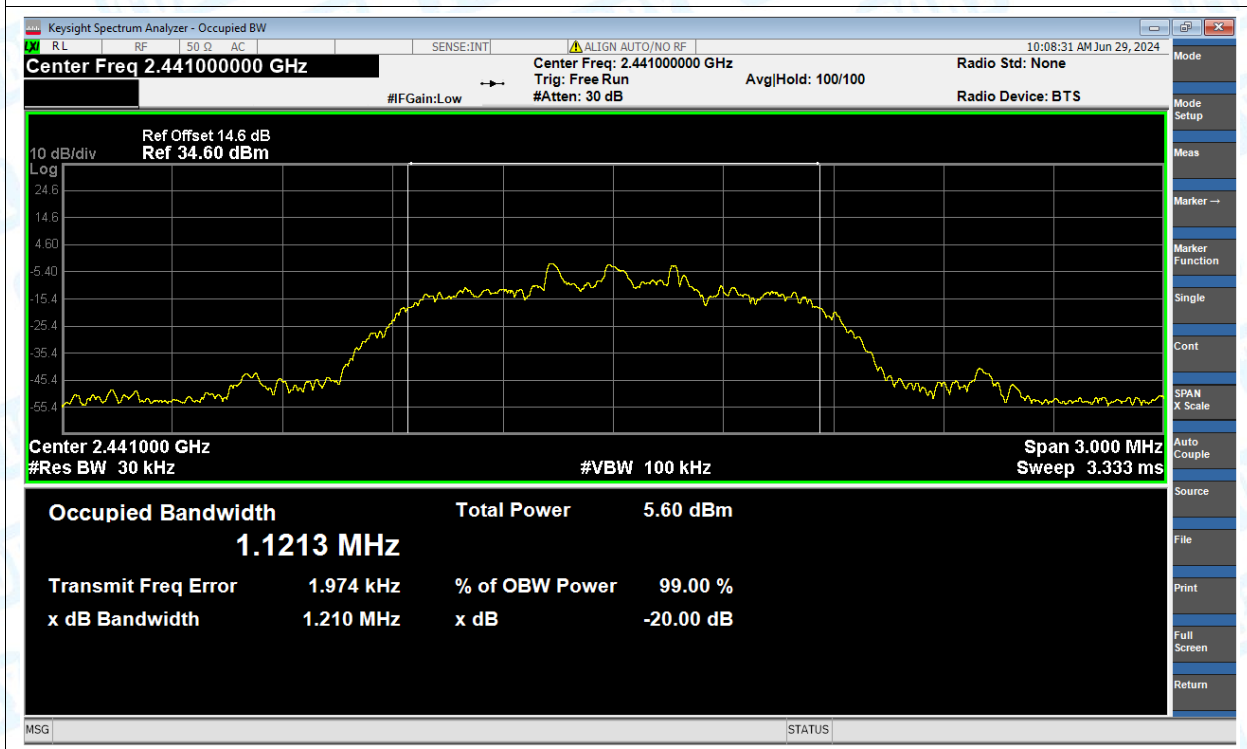
OBW NVNT 2-DH1 2480MHz Ant1

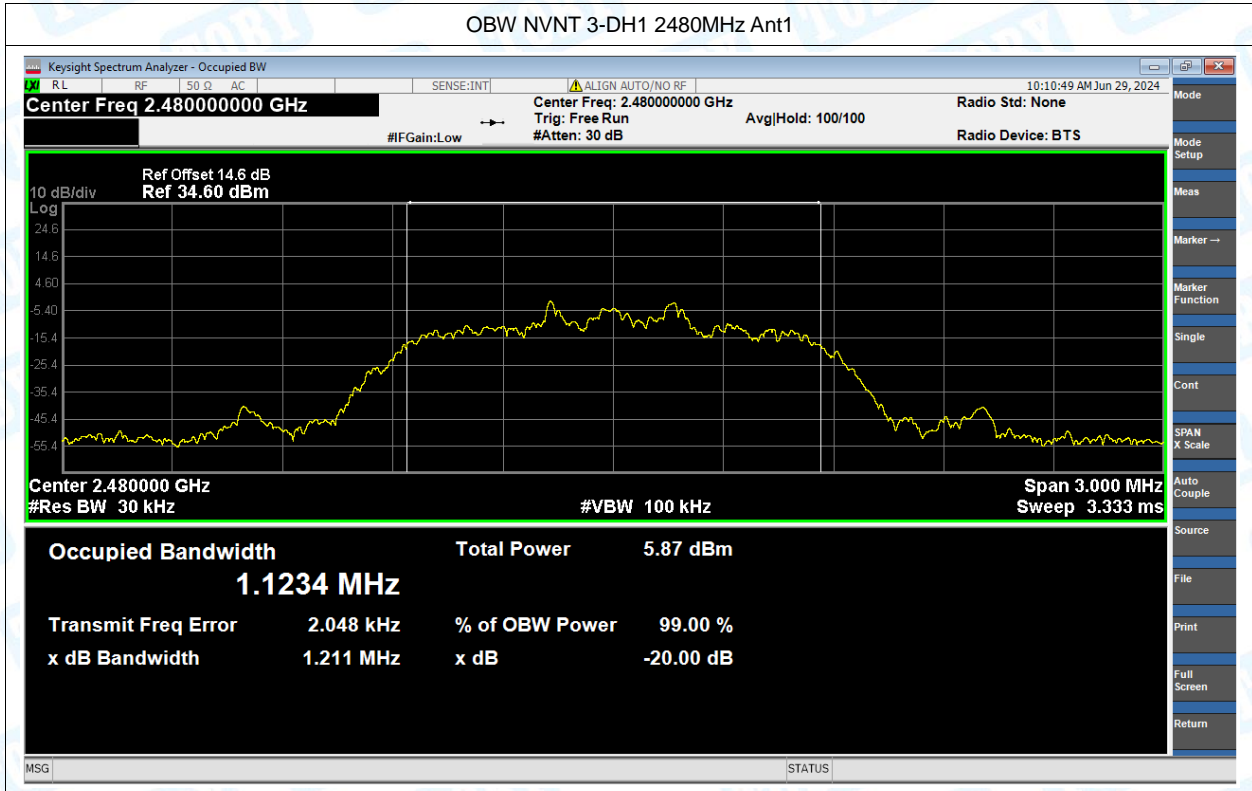


OBW NVNT 3-DH1 2402MHz Ant1



OBW NVNT 3-DH1 2441MHz Ant1



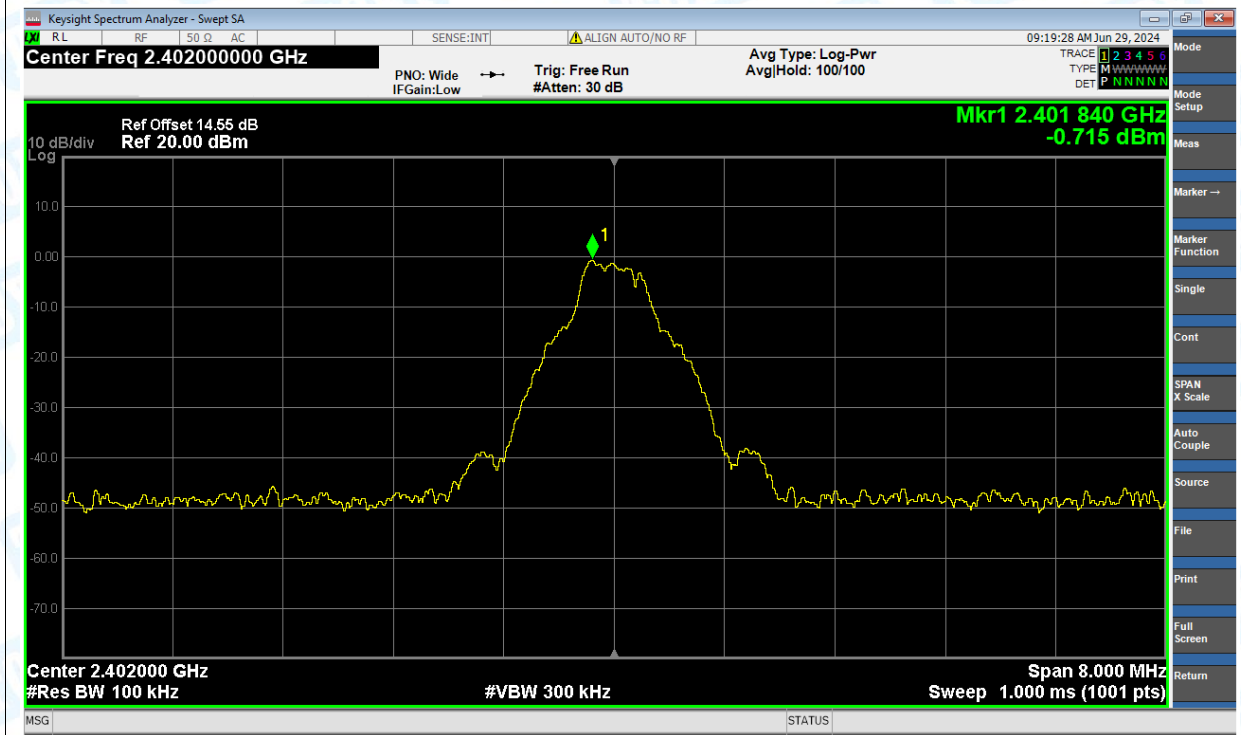


5. Band Edge

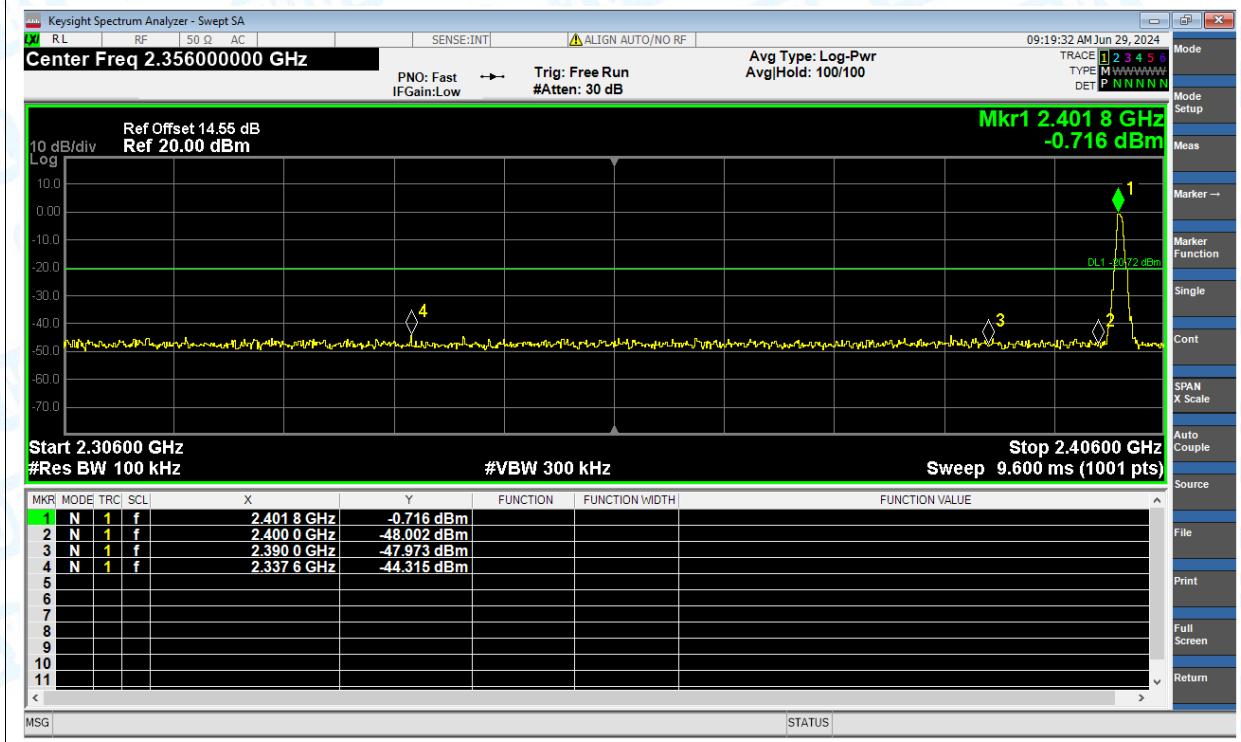
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH1	2402	Ant1	No-Hopping	-43.61	-20	Pass
NVNT	1-DH1	2480	Ant1	No-Hopping	-43.7	-20	Pass
NVNT	2-DH1	2402	Ant1	No-Hopping	-42.89	-20	Pass
NVNT	2-DH1	2480	Ant1	No-Hopping	-44.52	-20	Pass
NVNT	3-DH1	2402	Ant1	No-Hopping	-43.82	-20	Pass
NVNT	3-DH1	2480	Ant1	No-Hopping	-42.83	-20	Pass

Test Graphs

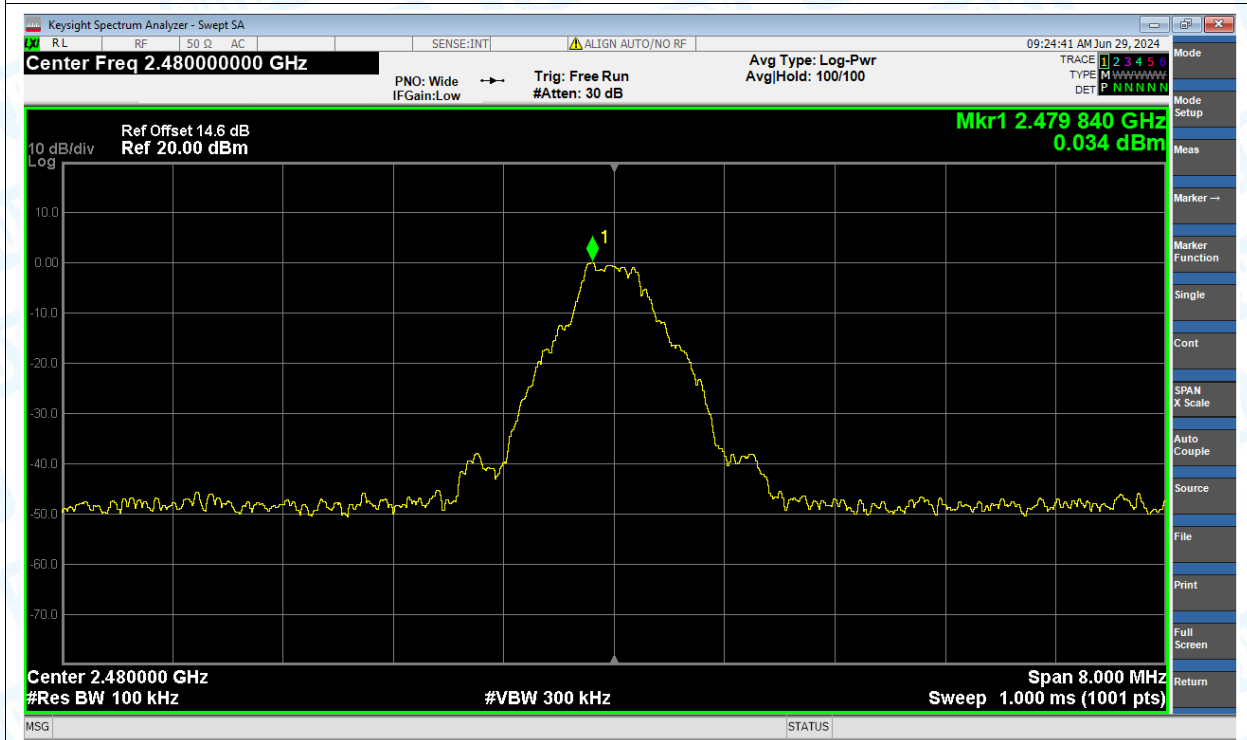
Band Edge NVNT 1-DH1 2402MHz Ant1 No-Hopping Ref



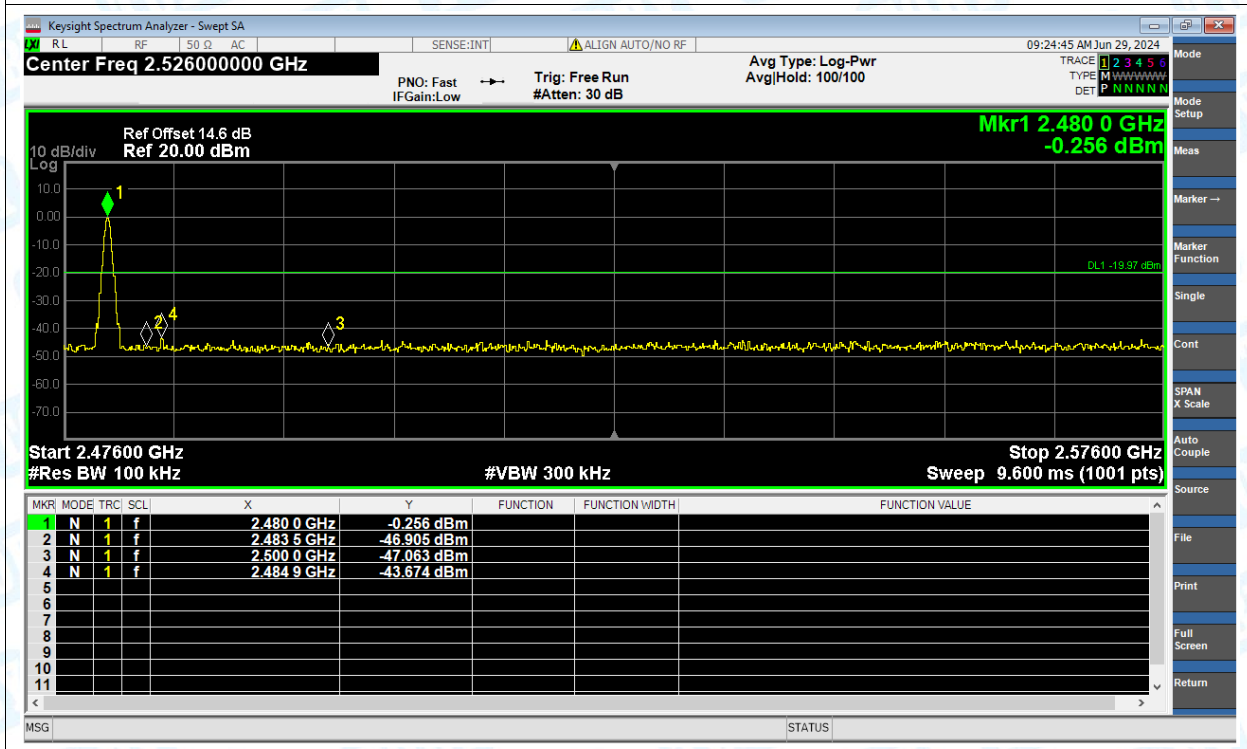
Band Edge NVNT 1-DH1 2402MHz Ant1 No-Hopping Emission



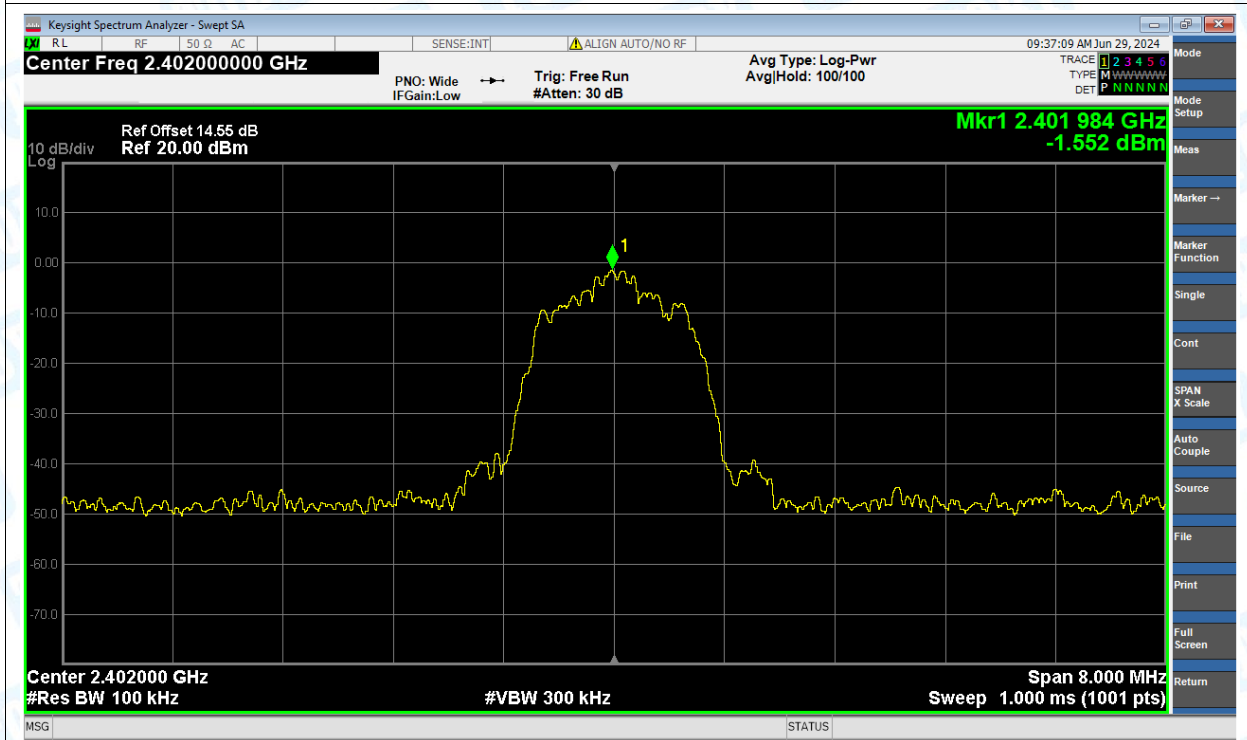
Band Edge NVNT 1-DH1 2480MHz Ant1 No-Hopping Ref



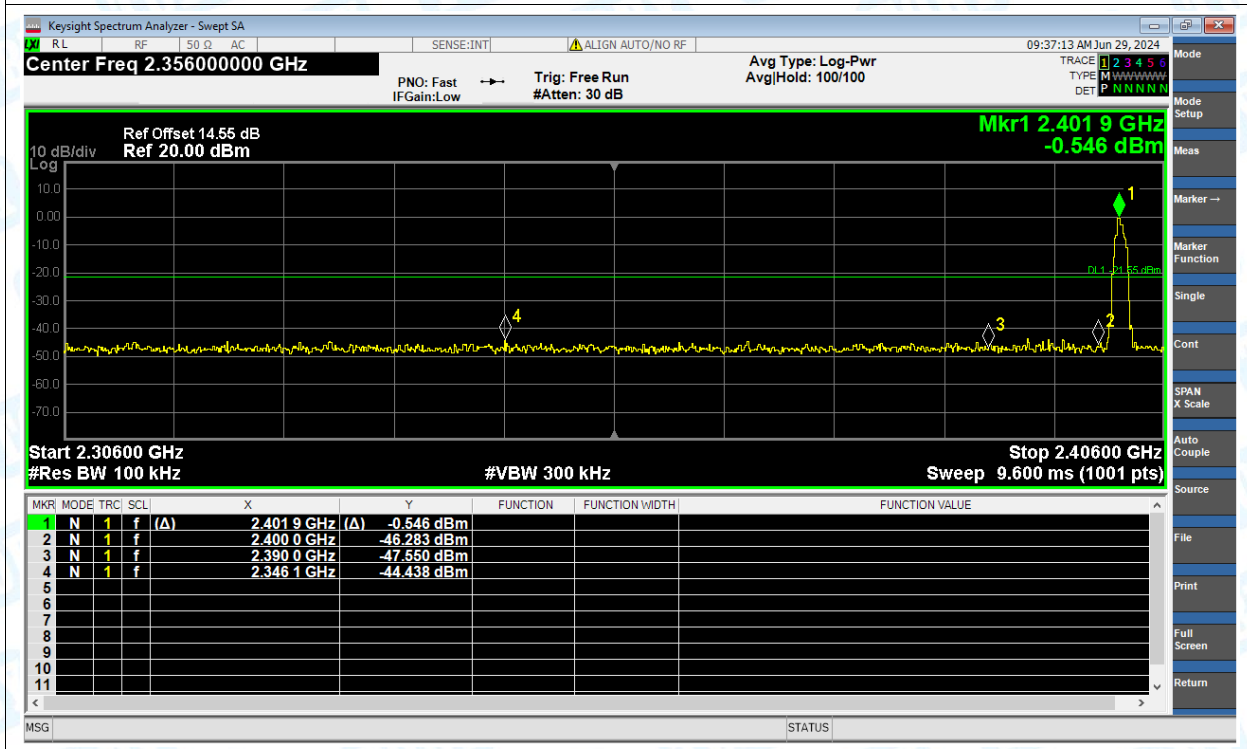
Band Edge NVNT 1-DH1 2480MHz Ant1 No-Hopping Emission



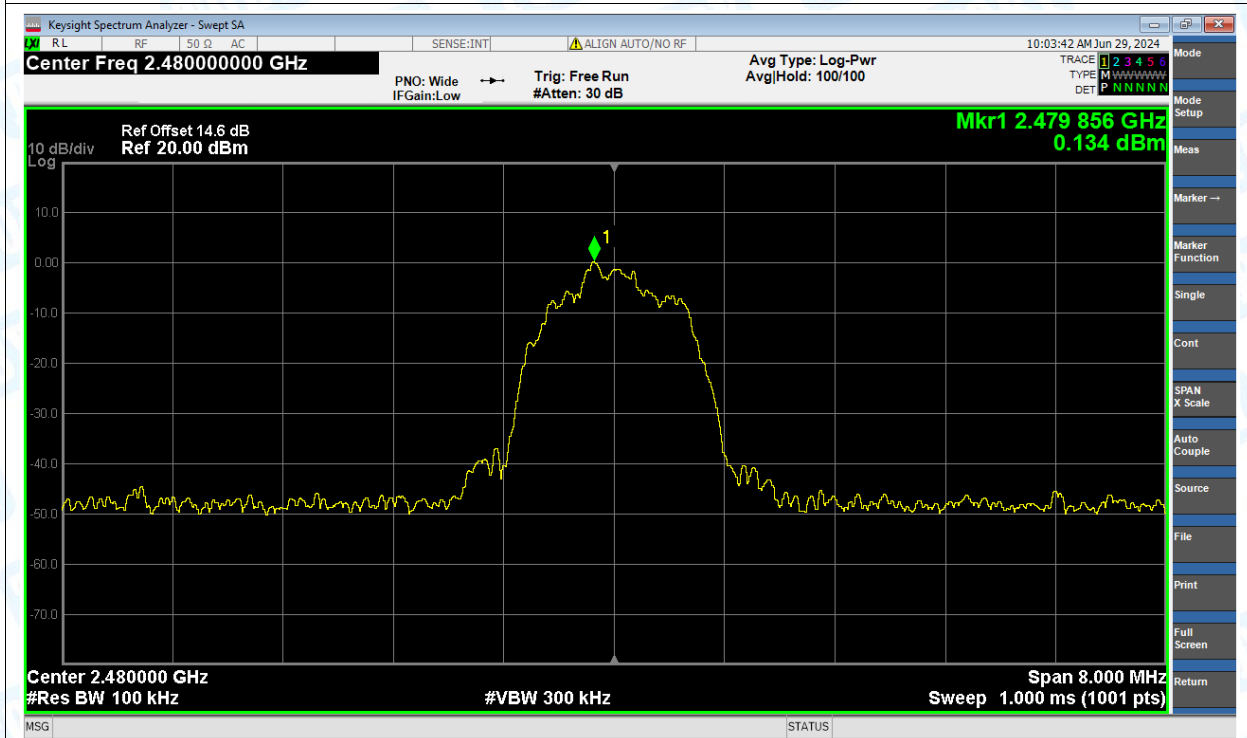
Band Edge NVNT 2-DH1 2402MHz Ant1 No-Hopping Ref



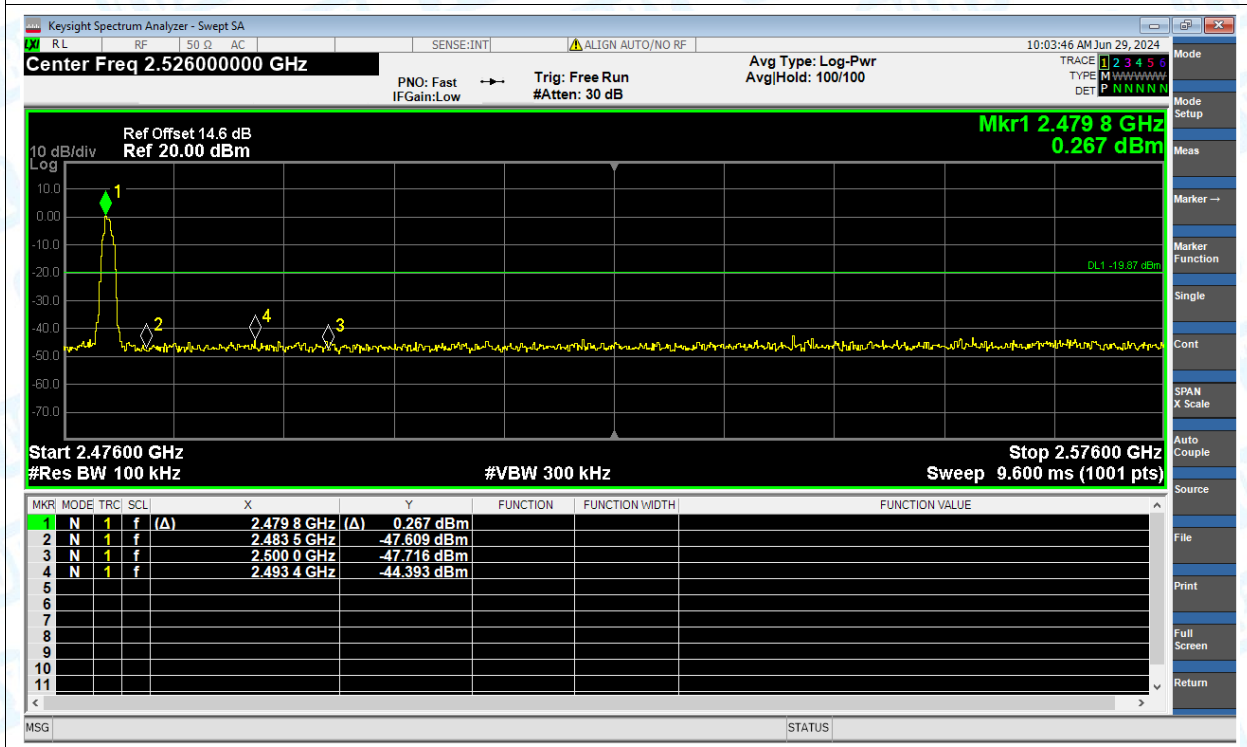
Band Edge NVNT 2-DH1 2402MHz Ant1 No-Hopping Emission

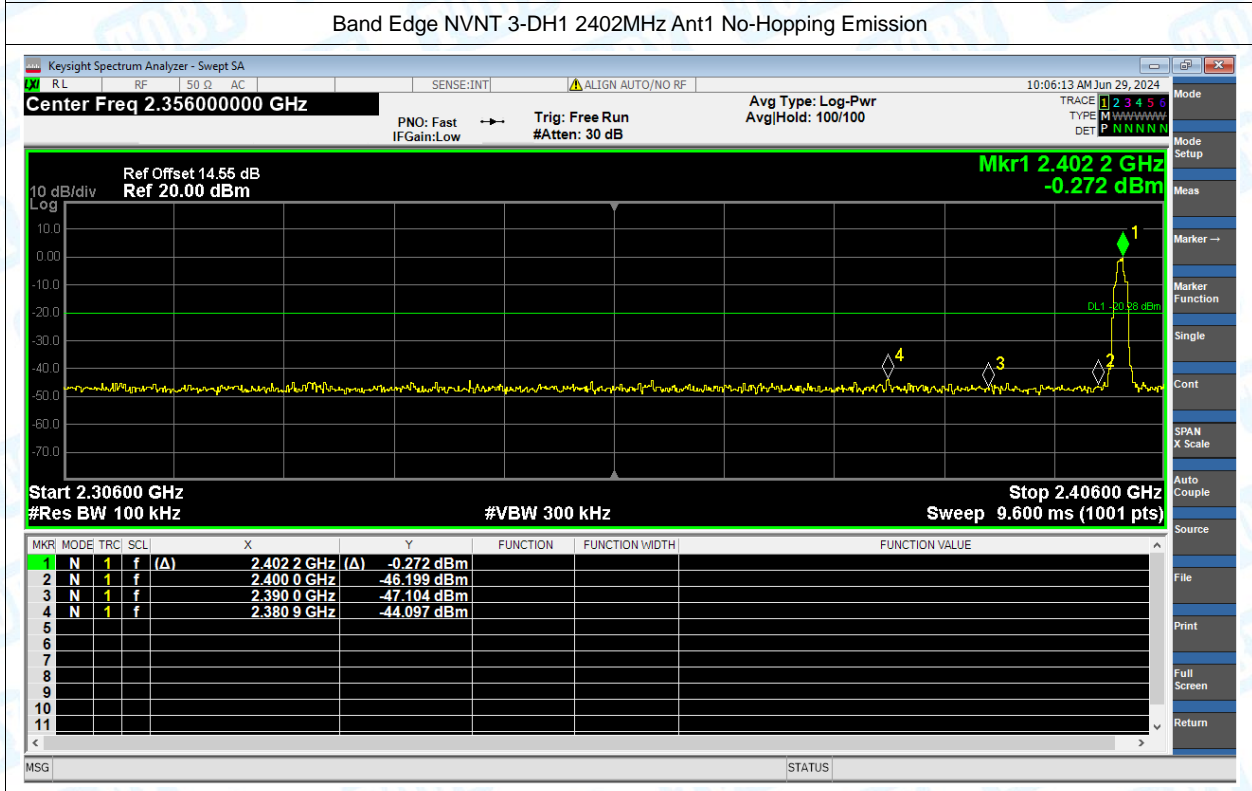
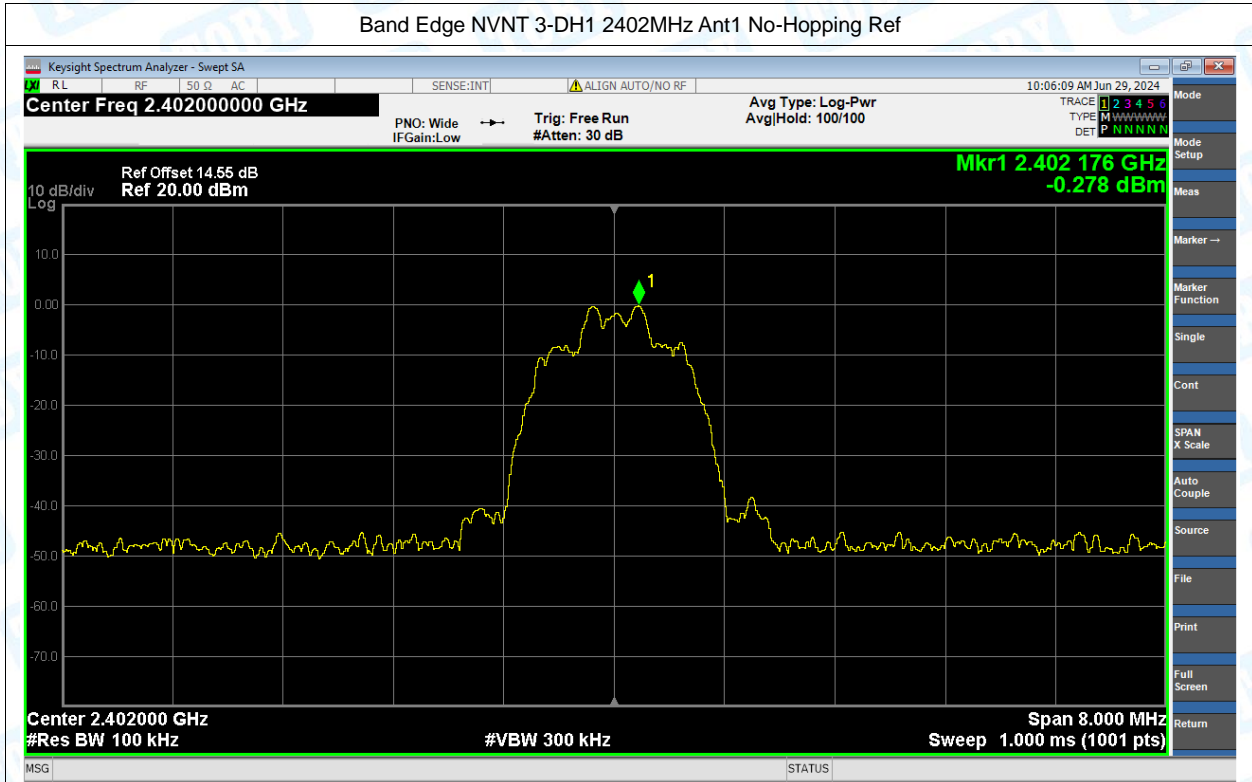


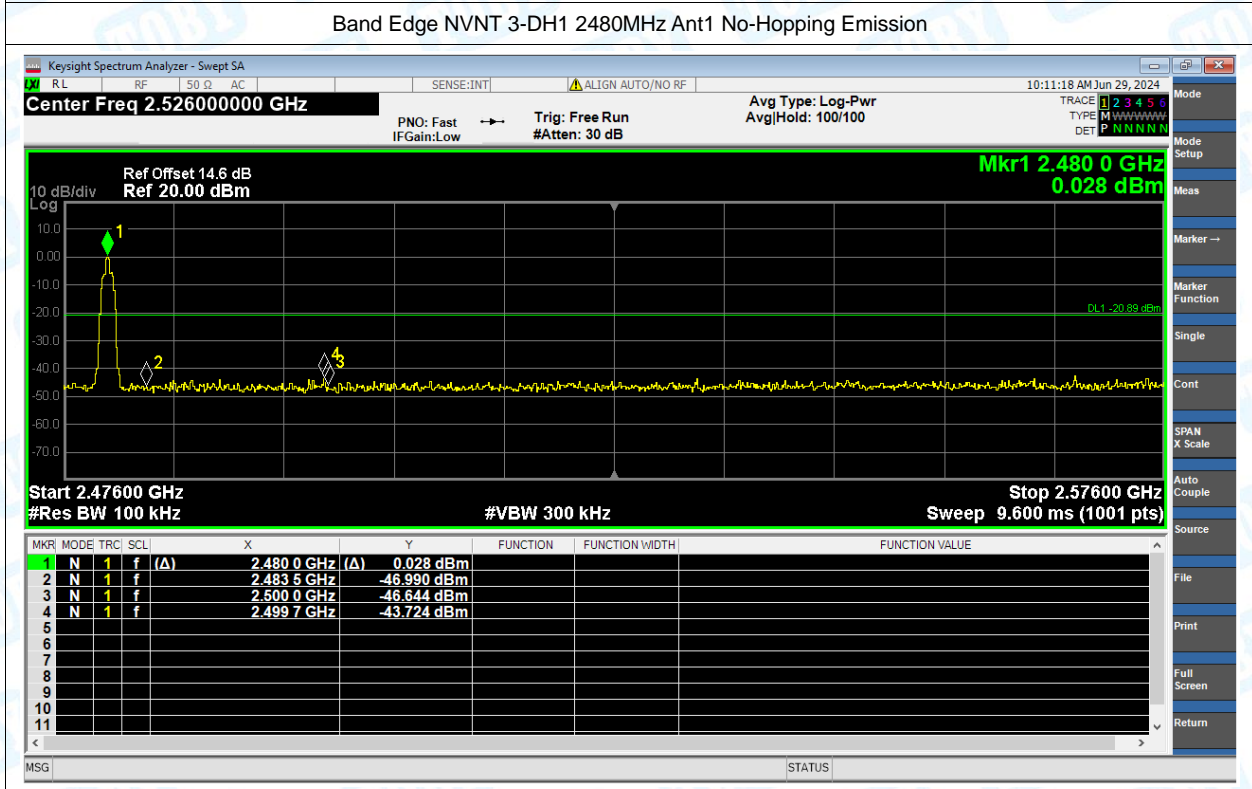
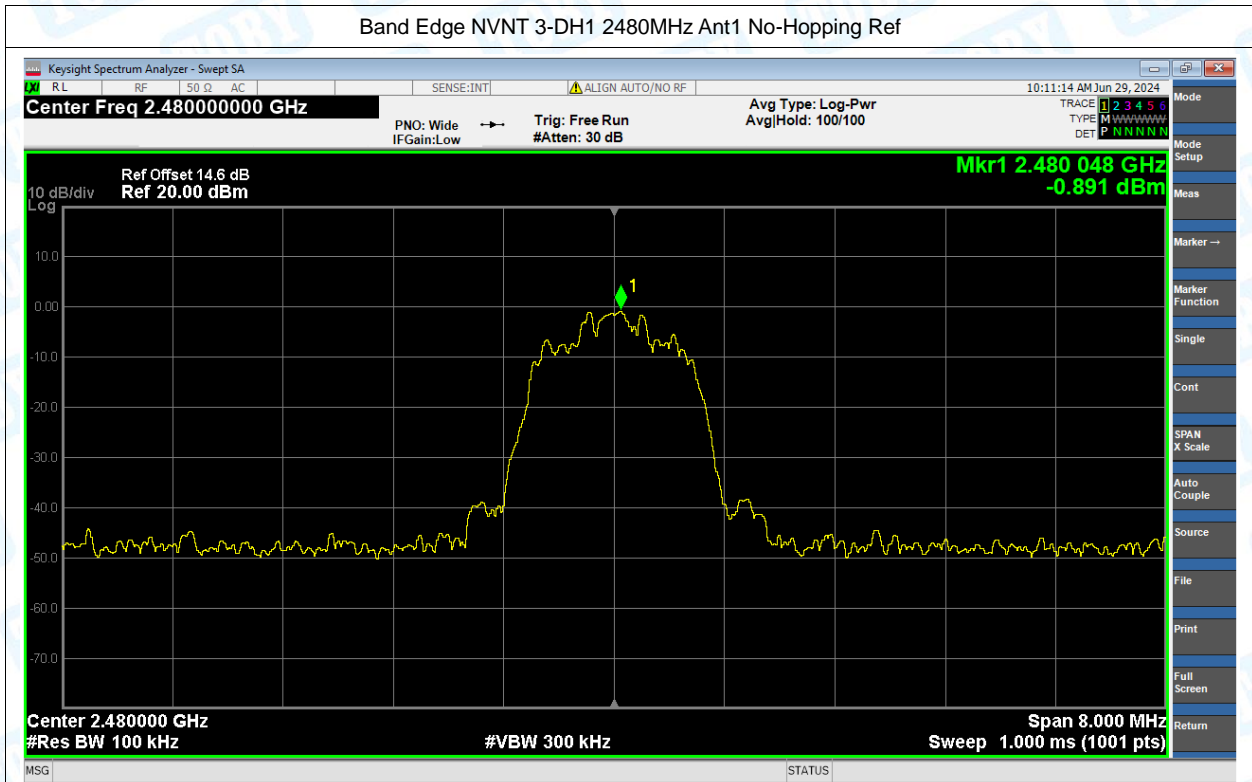
Band Edge NVNT 2-DH1 2480MHz Ant1 No-Hopping Ref



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





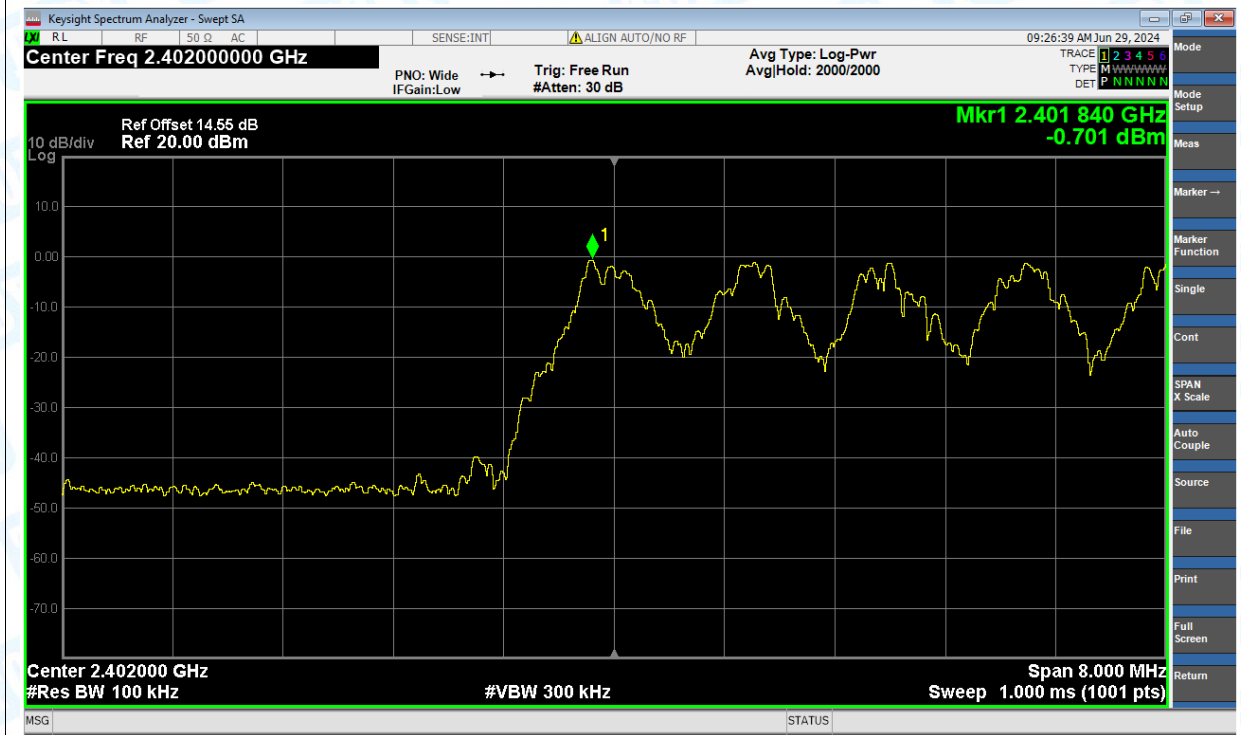


6. Band Edge(Hopping)

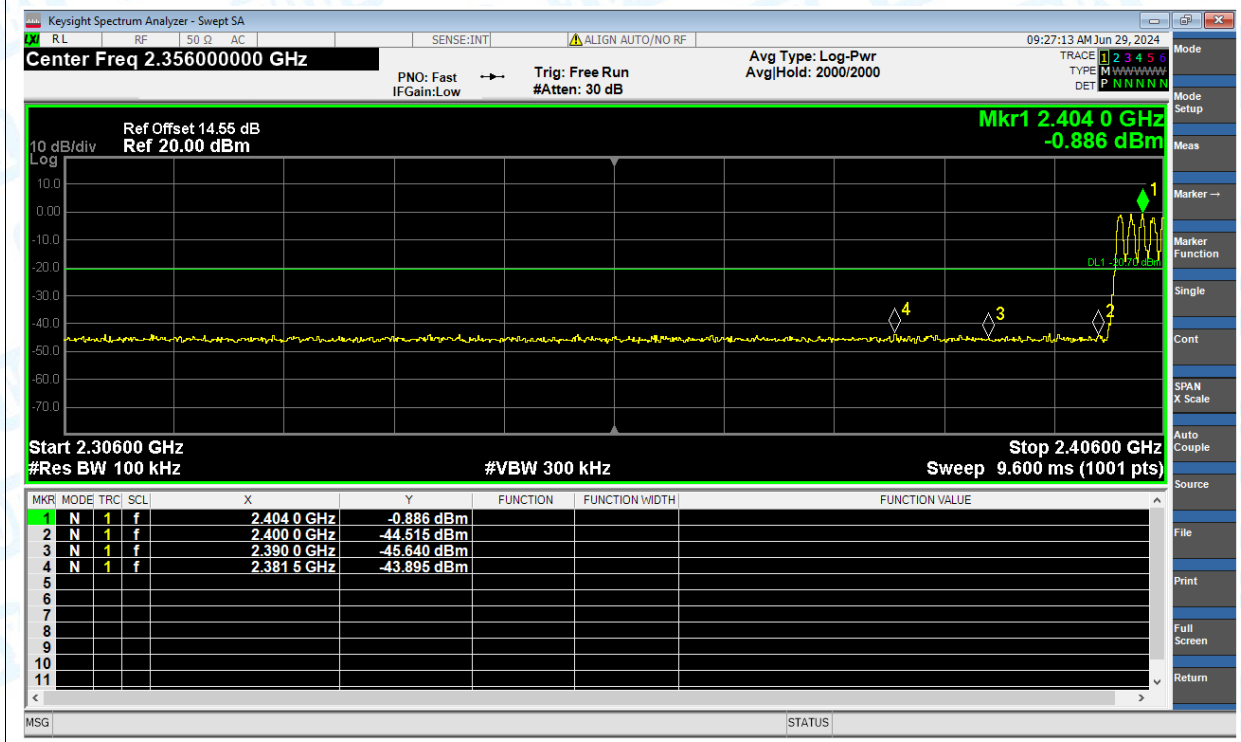
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH1	2402	Ant1	Hopping	-43.19	-20	Pass
NVNT	1-DH1	2480	Ant1	Hopping	-42.57	-20	Pass
NVNT	2-DH1	2402	Ant1	Hopping	-42.05	-20	Pass
NVNT	2-DH1	2480	Ant1	Hopping	-43.61	-20	Pass
NVNT	3-DH1	2402	Ant1	Hopping	-43.08	-20	Pass
NVNT	3-DH1	2480	Ant1	Hopping	-42.35	-20	Pass

Test Graphs

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



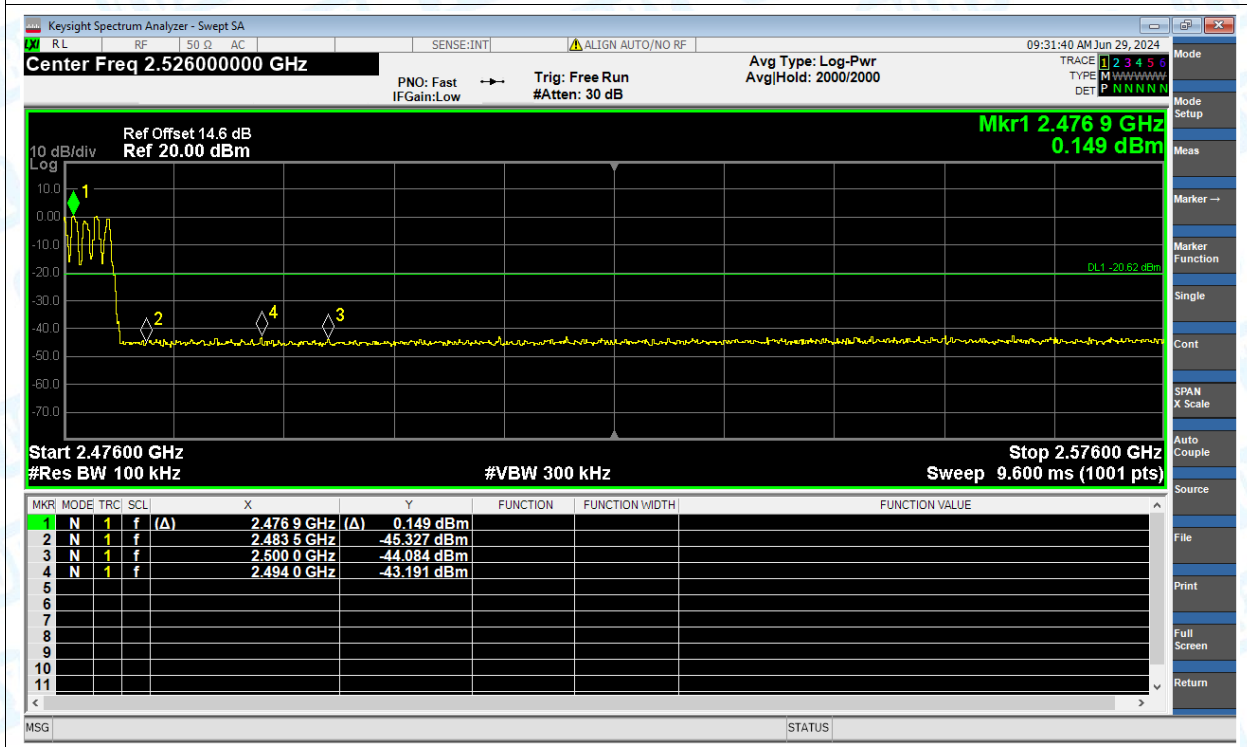
Band Edge(Hopping) NVNT 1-DH1 2402MHz Ant1 Hopping Emission



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



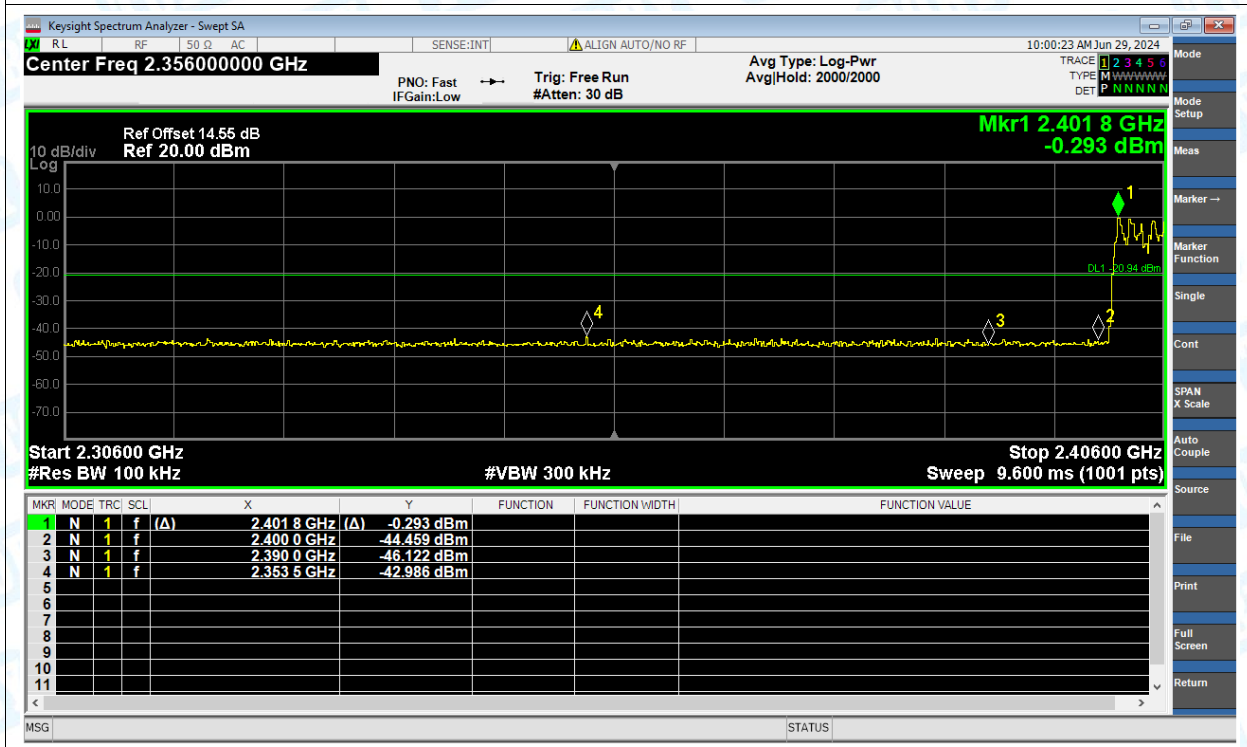
Band Edge(Hopping) NVNT 1-DH1 2480MHz Ant1 Hopping Emission



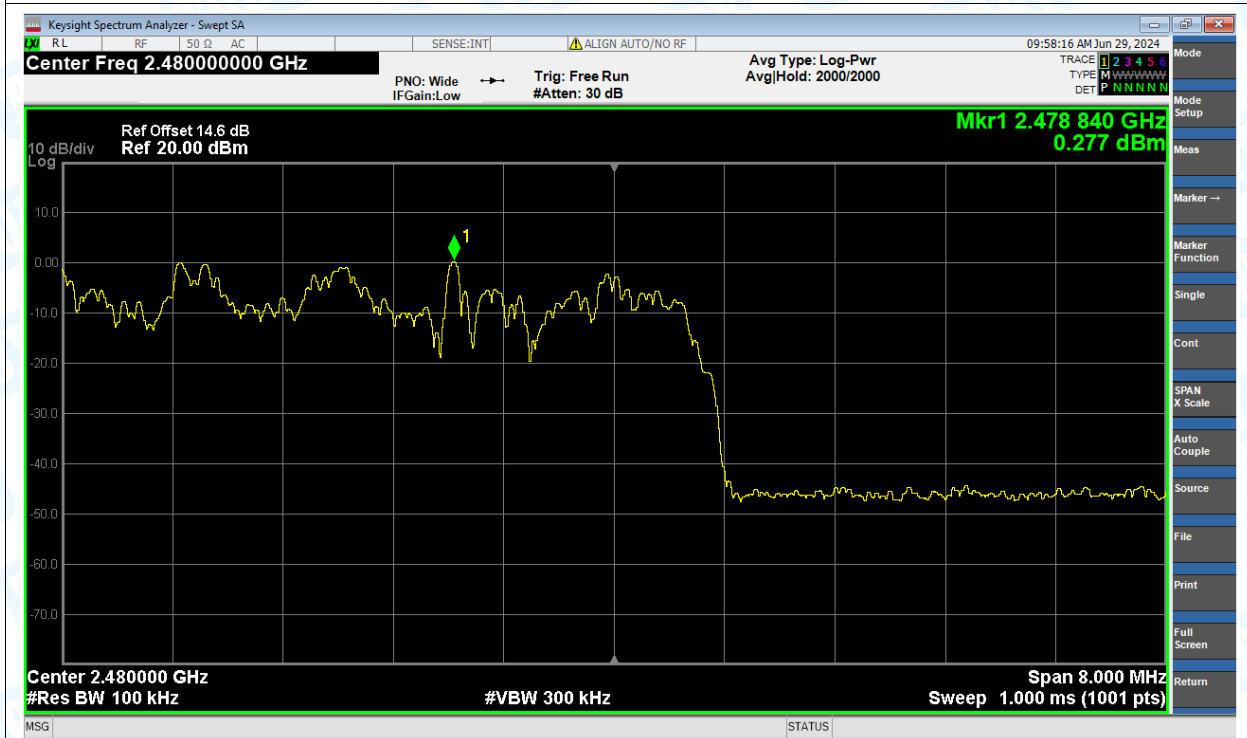
Band Edge(Hopping) NVNT 2-DH1 2402MHz Ant1 Hopping Ref



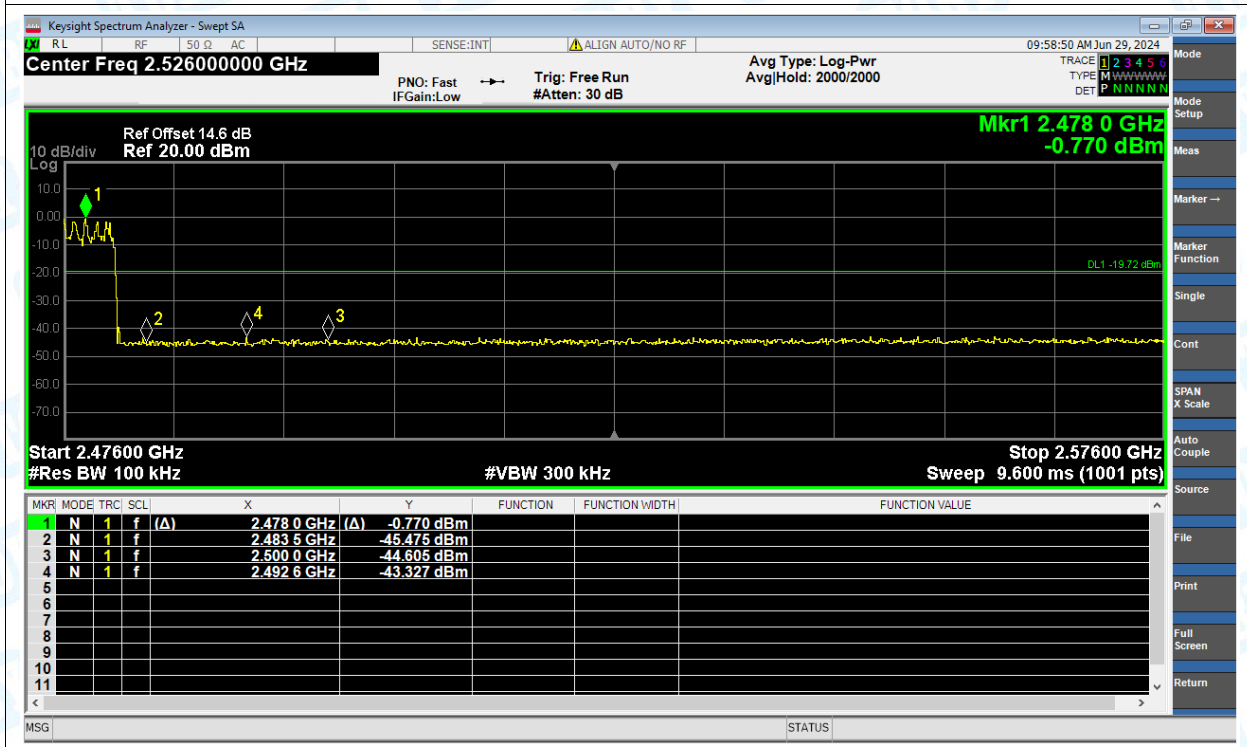
Band Edge(Hopping) NVNT 2-DH1 2402MHz Ant1 Hopping Emission



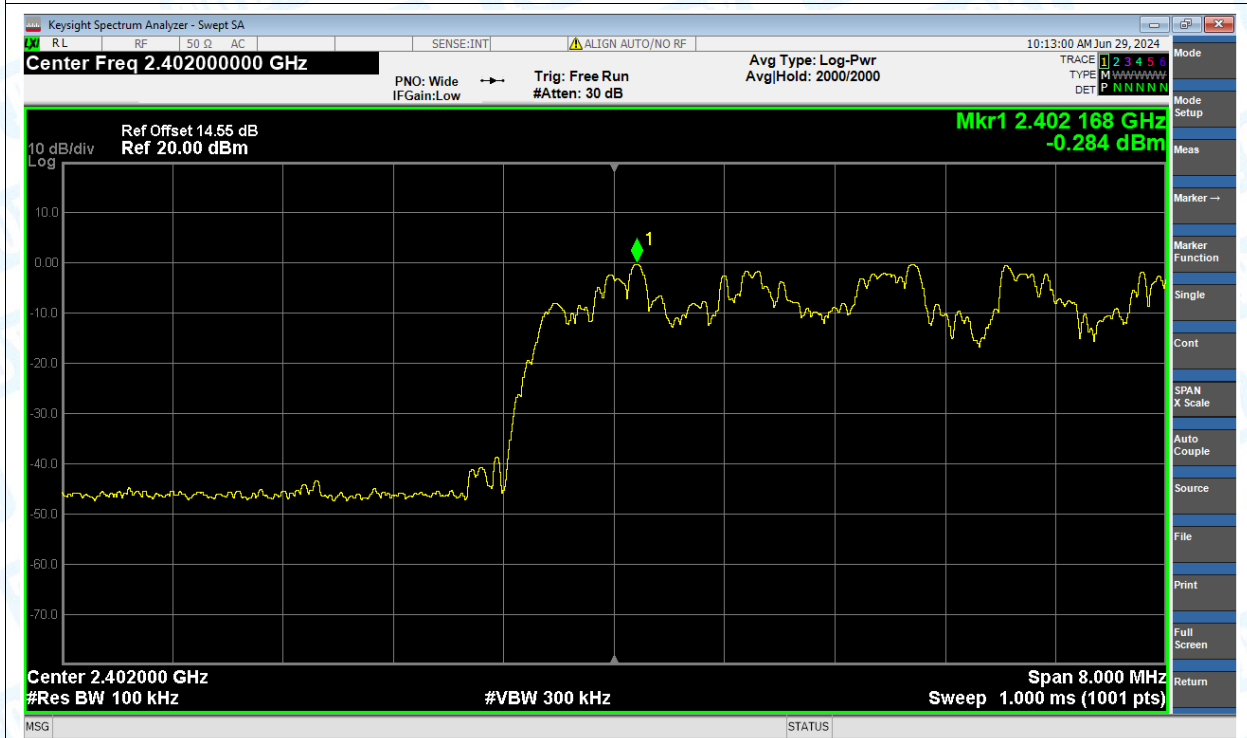
Band Edge(Hopping) NVNT 2-DH1 2480MHz Ant1 Hopping Ref



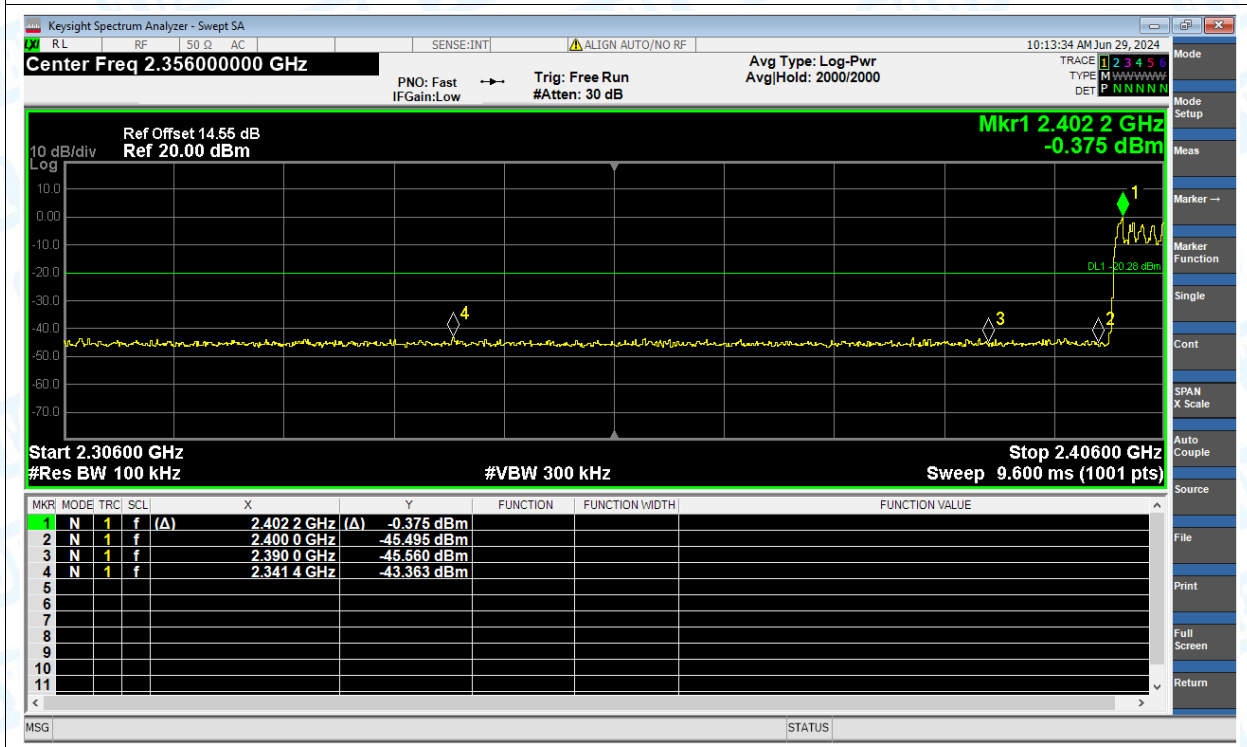
Band Edge(Hopping) NVNT 2-DH1 2480MHz Ant1 Hopping Emission



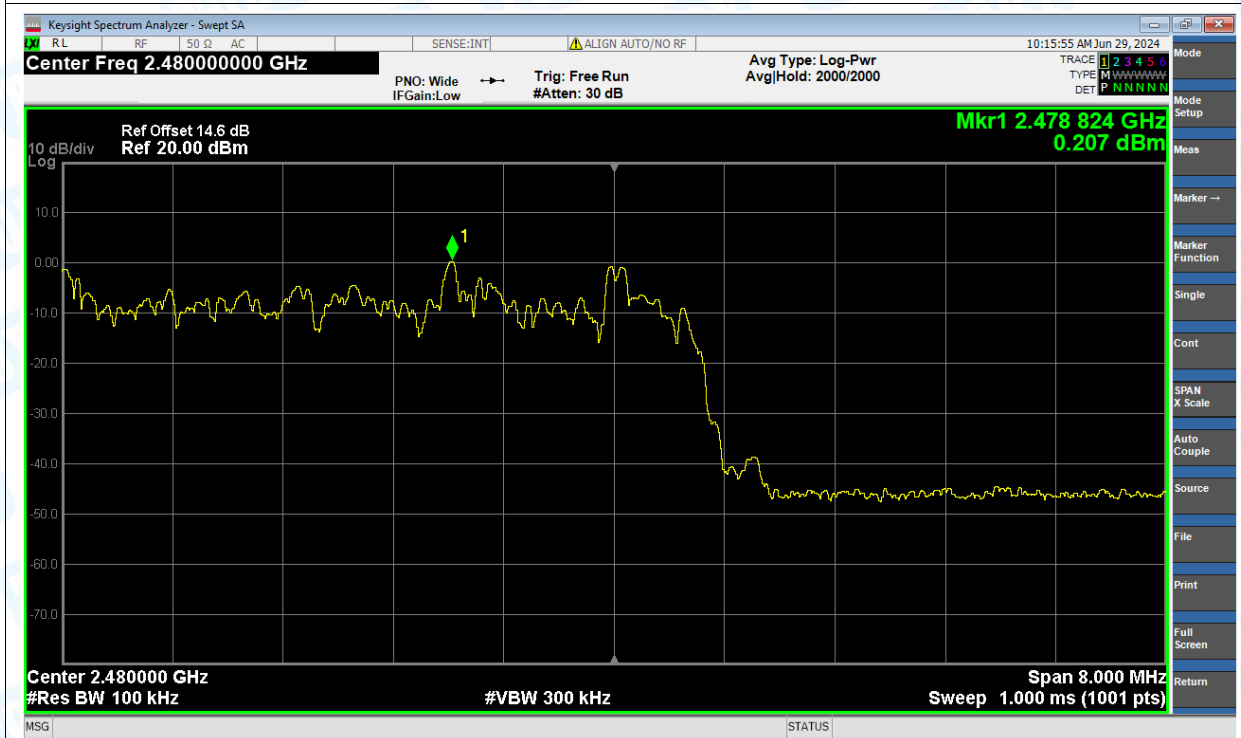
Band Edge(Hopping) NVNT 3-DH1 2402MHz Ant1 Hopping Ref



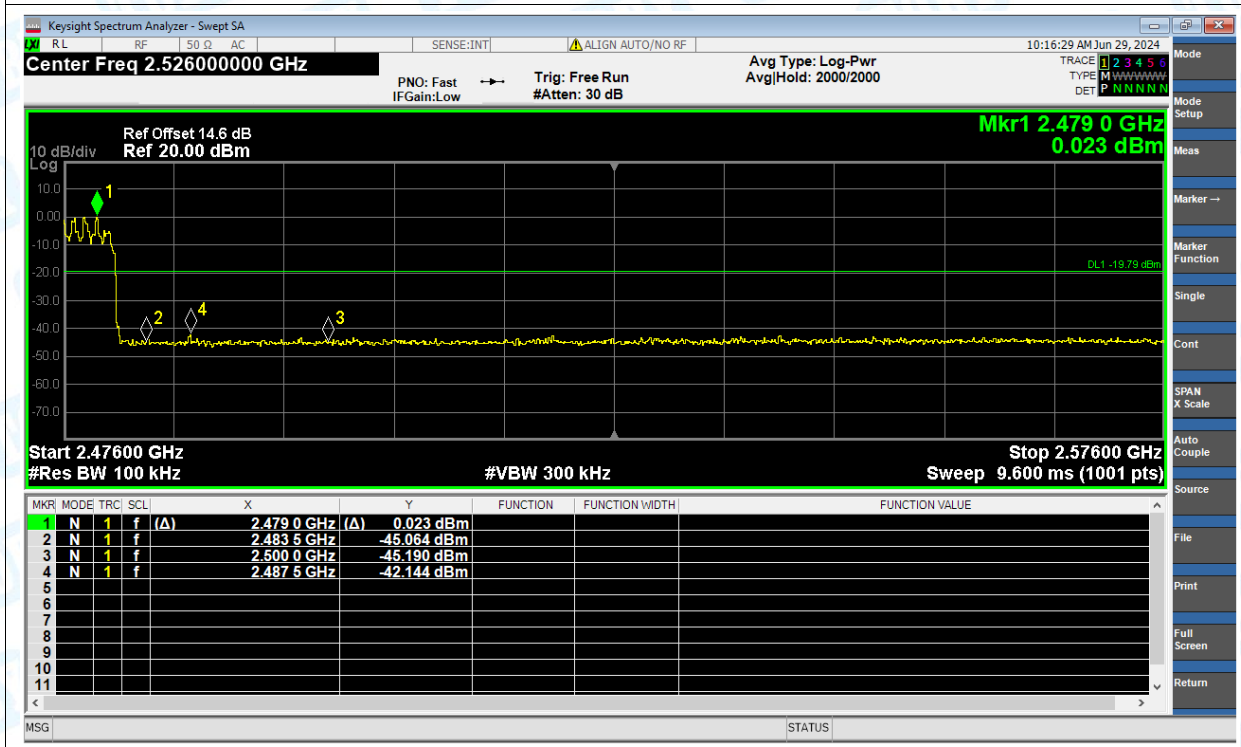
Band Edge(Hopping) NVNT 3-DH1 2402MHz Ant1 Hopping Emission



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



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

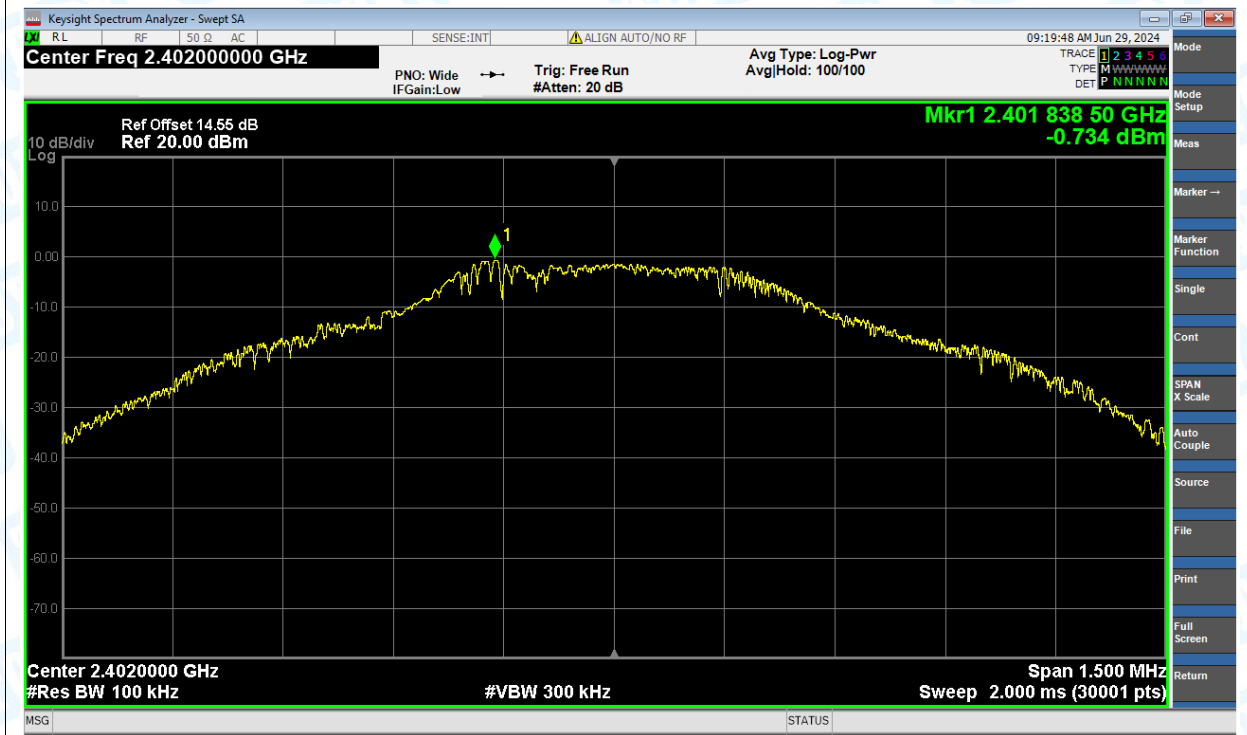


7. Conducted RF Spurious Emission

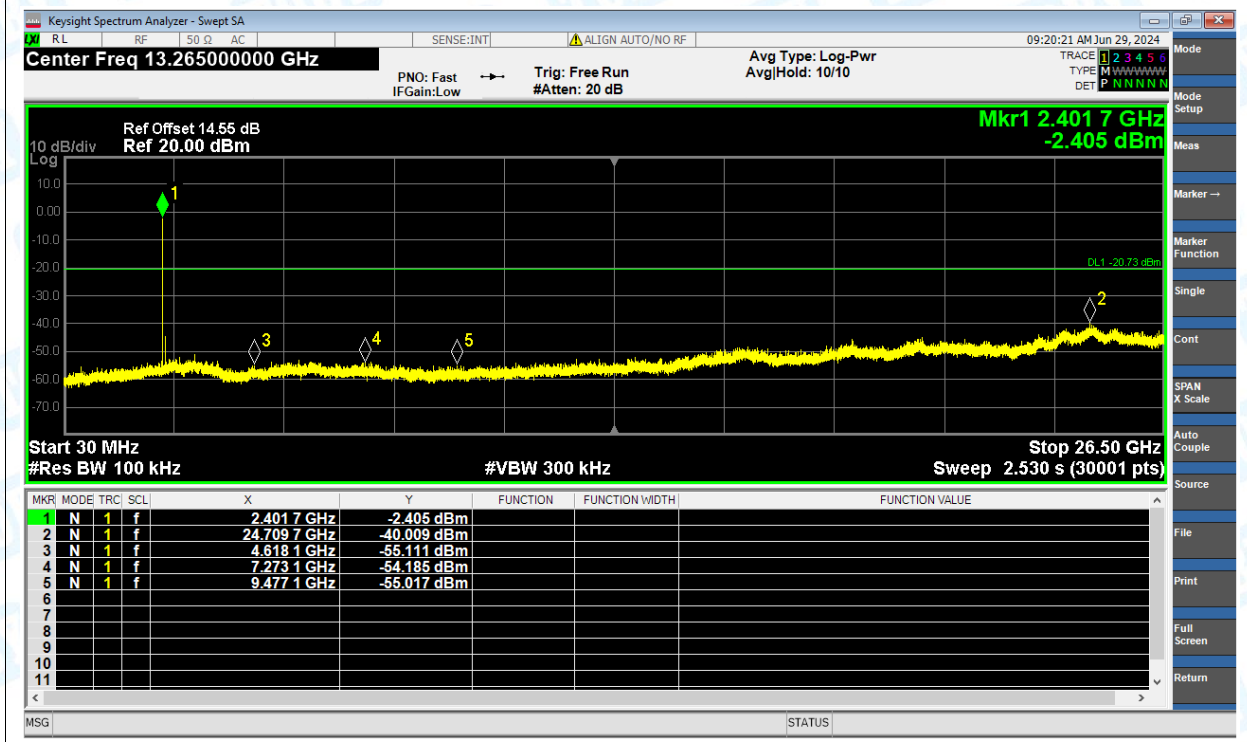
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH1	2402	Ant1	-39.28	-20	Pass
NVNT	1-DH1	2441	Ant1	-39.59	-20	Pass
NVNT	1-DH1	2480	Ant1	-40.58	-20	Pass
NVNT	2-DH1	2402	Ant1	-38.8	-20	Pass
NVNT	2-DH1	2441	Ant1	-39.92	-20	Pass
NVNT	2-DH1	2480	Ant1	-40.42	-20	Pass
NVNT	3-DH1	2402	Ant1	-38.97	-20	Pass
NVNT	3-DH1	2441	Ant1	-39.76	-20	Pass
NVNT	3-DH1	2480	Ant1	-40.27	-20	Pass

Test Graphs

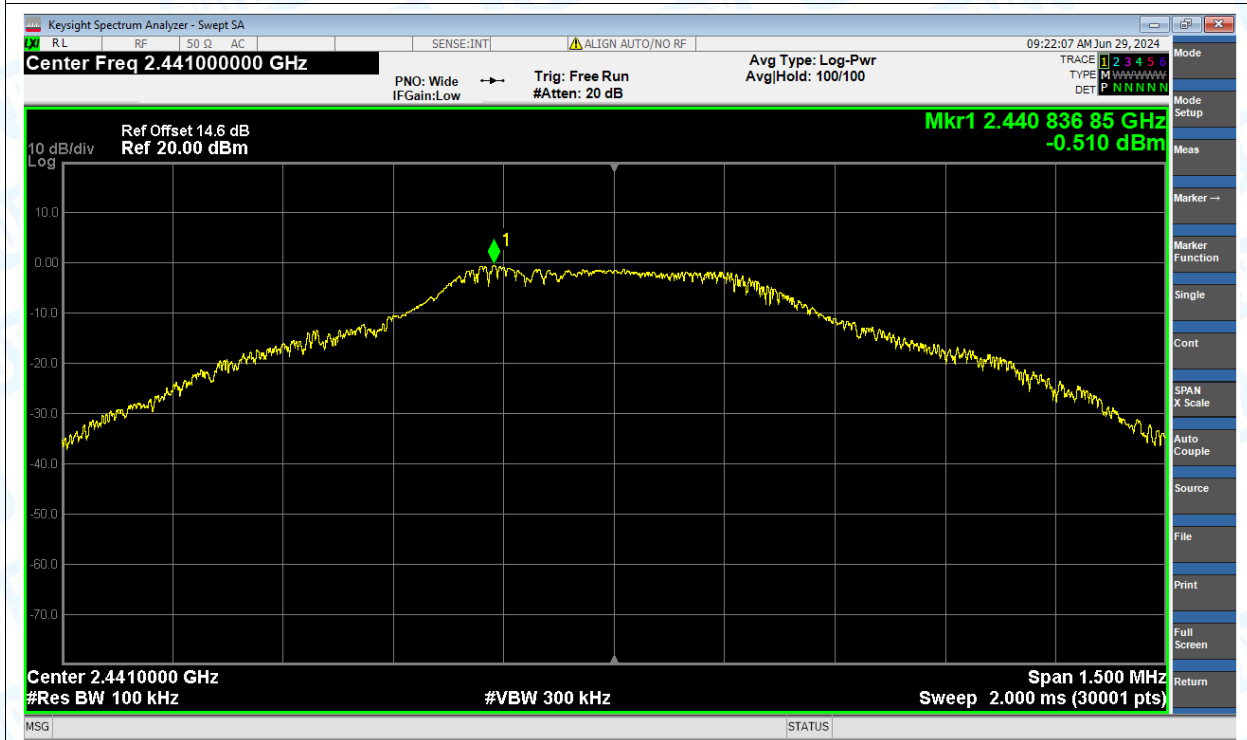
Tx. Spurious NVNT 1-DH1 2402MHz Ant1 Ref



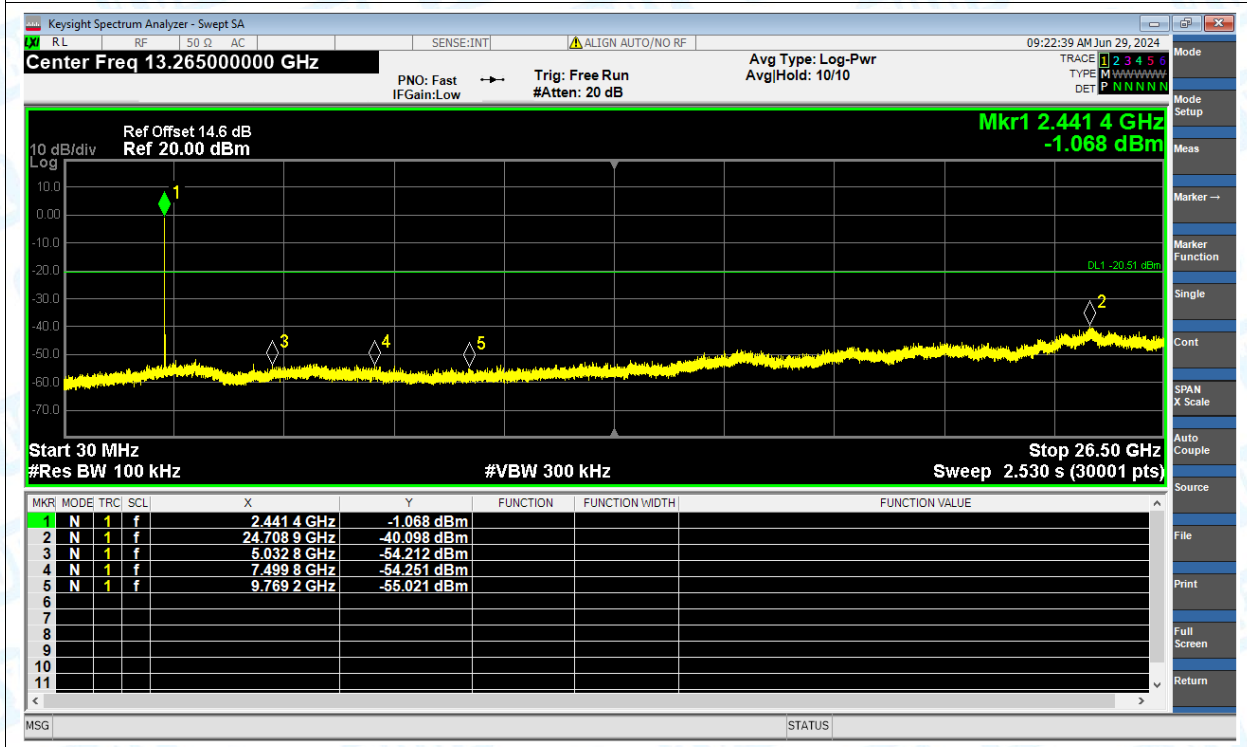
Tx. Spurious NVNT 1-DH1 2402MHz Ant1 Emission



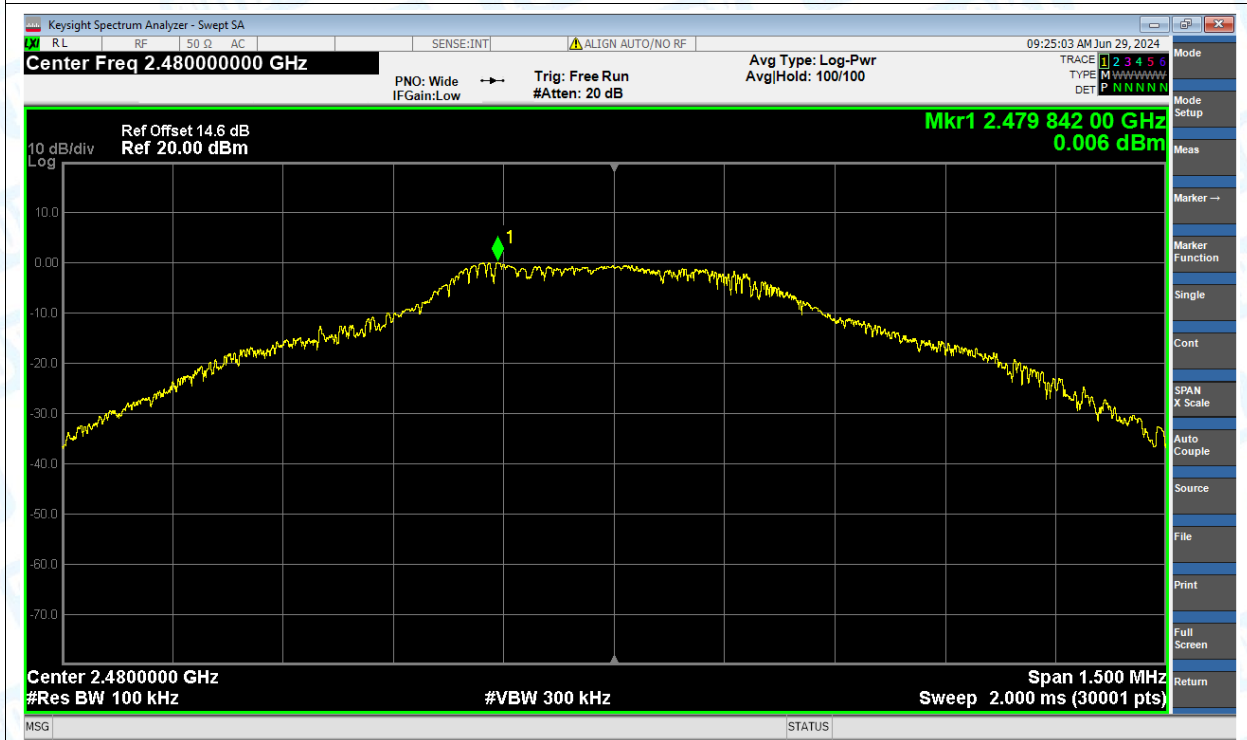
Tx. Spurious NVNT 1-DH1 2441MHz Ant1 Ref



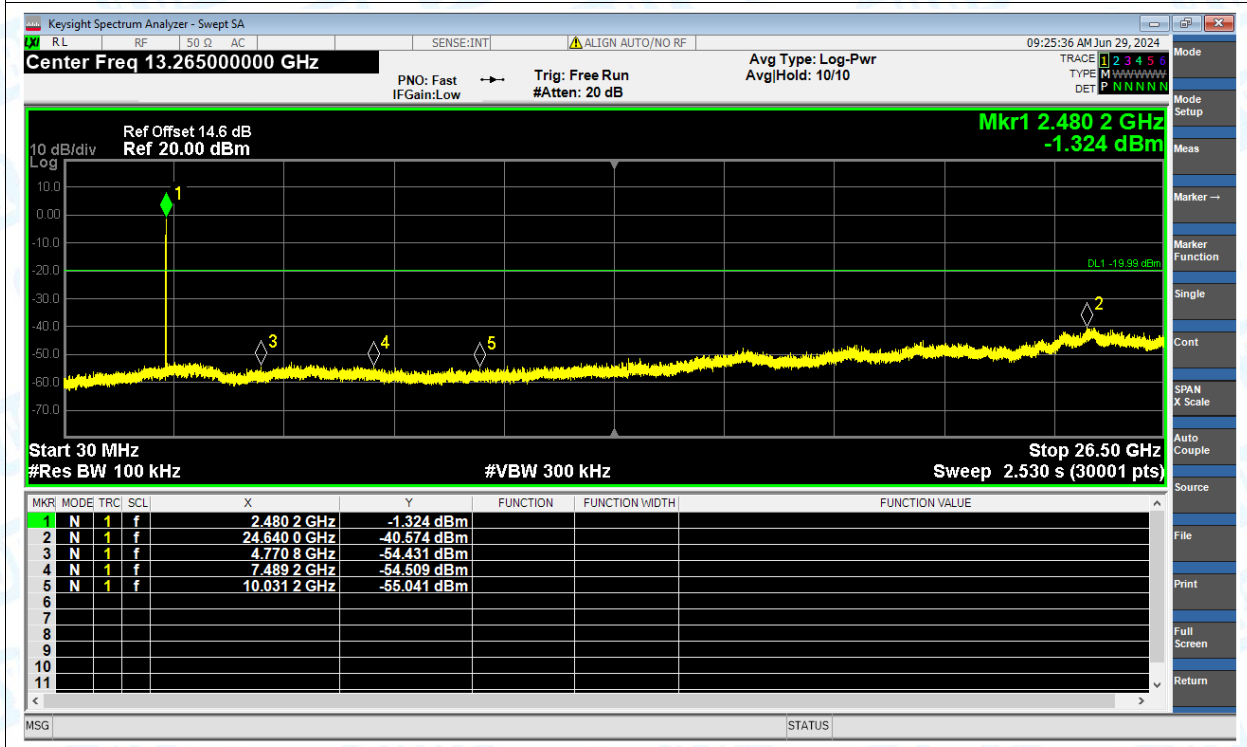
Tx. Spurious NVNT 1-DH1 2441MHz Ant1 Emission



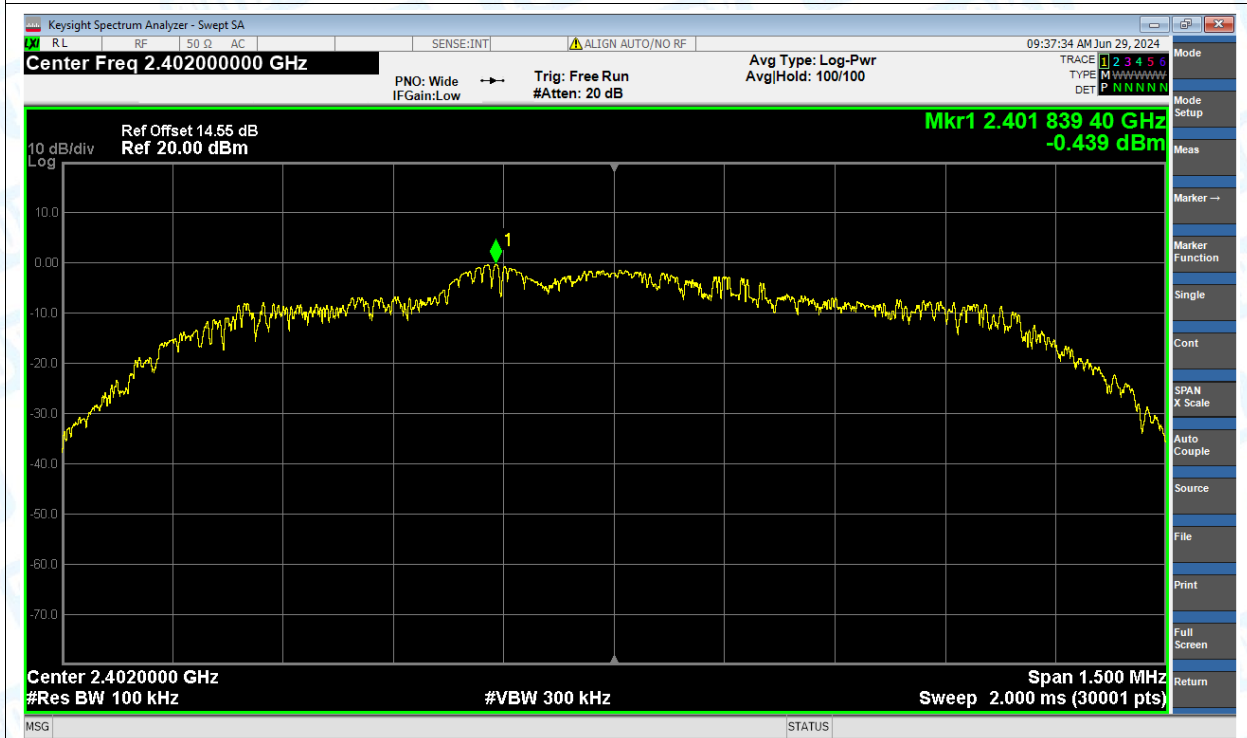
Tx. Spurious NVNT 1-DH1 2480MHz Ant1 Ref



Tx. Spurious NVNT 1-DH1 2480MHz Ant1 Emission



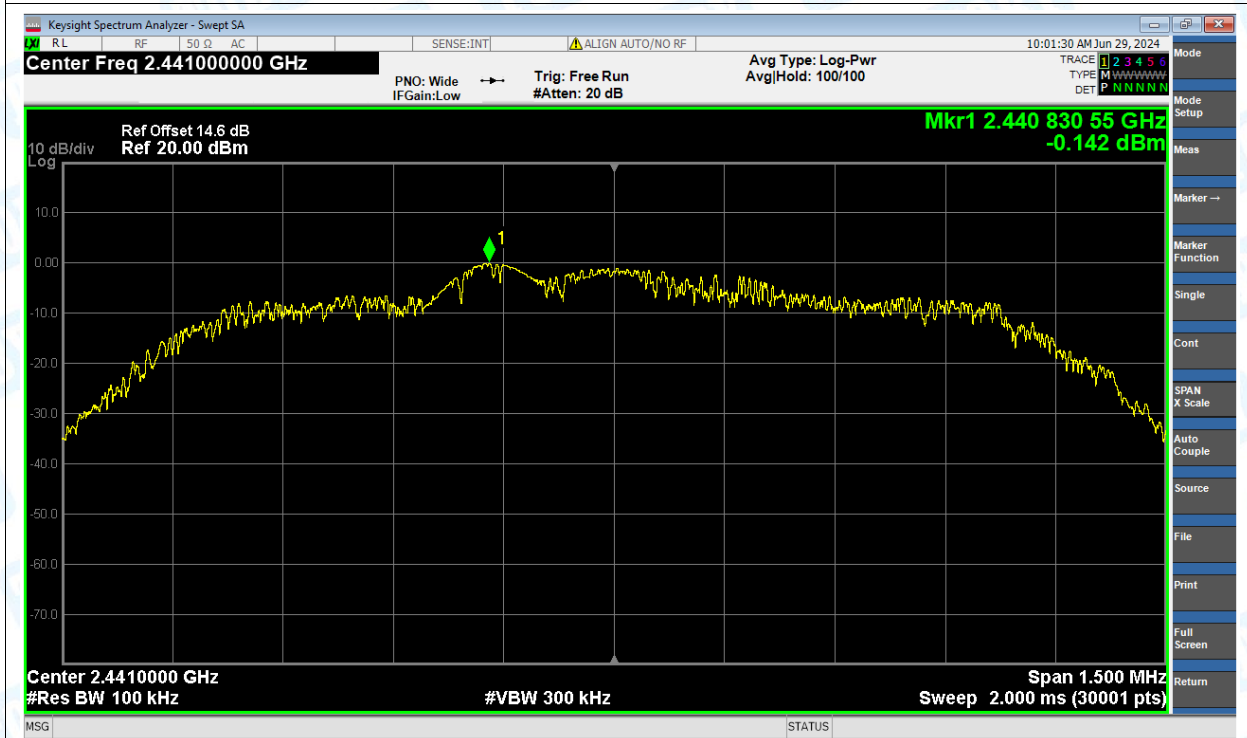
Tx. Spurious NVNT 2-DH1 2402MHz Ant1 Ref



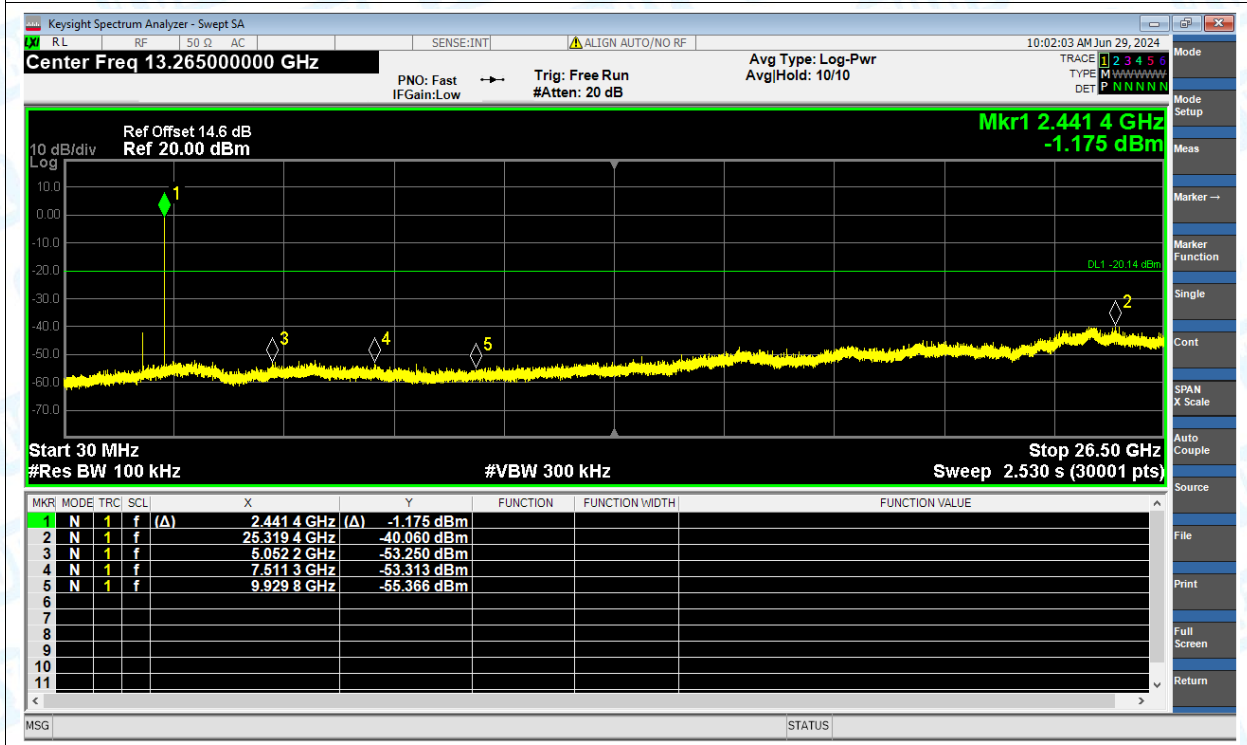
Tx. Spurious NVNT 2-DH1 2402MHz Ant1 Emission



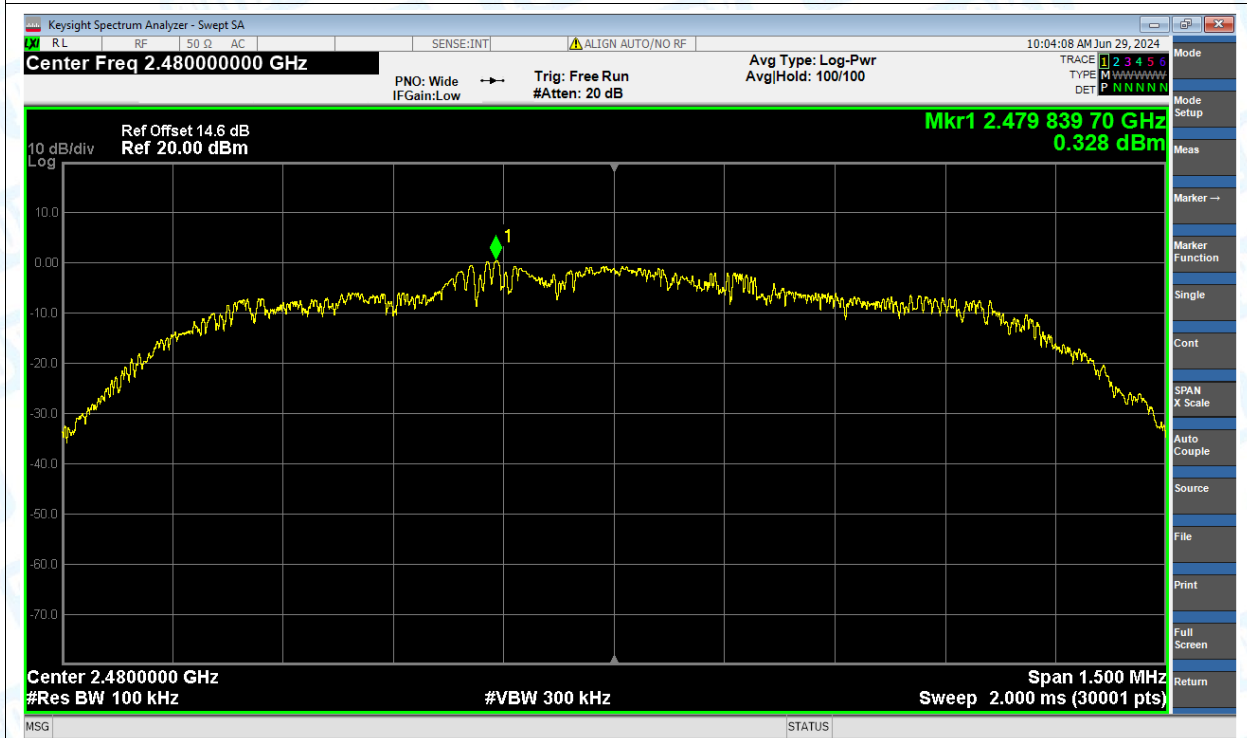
Tx. Spurious NVNT 2-DH1 2441MHz Ant1 Ref



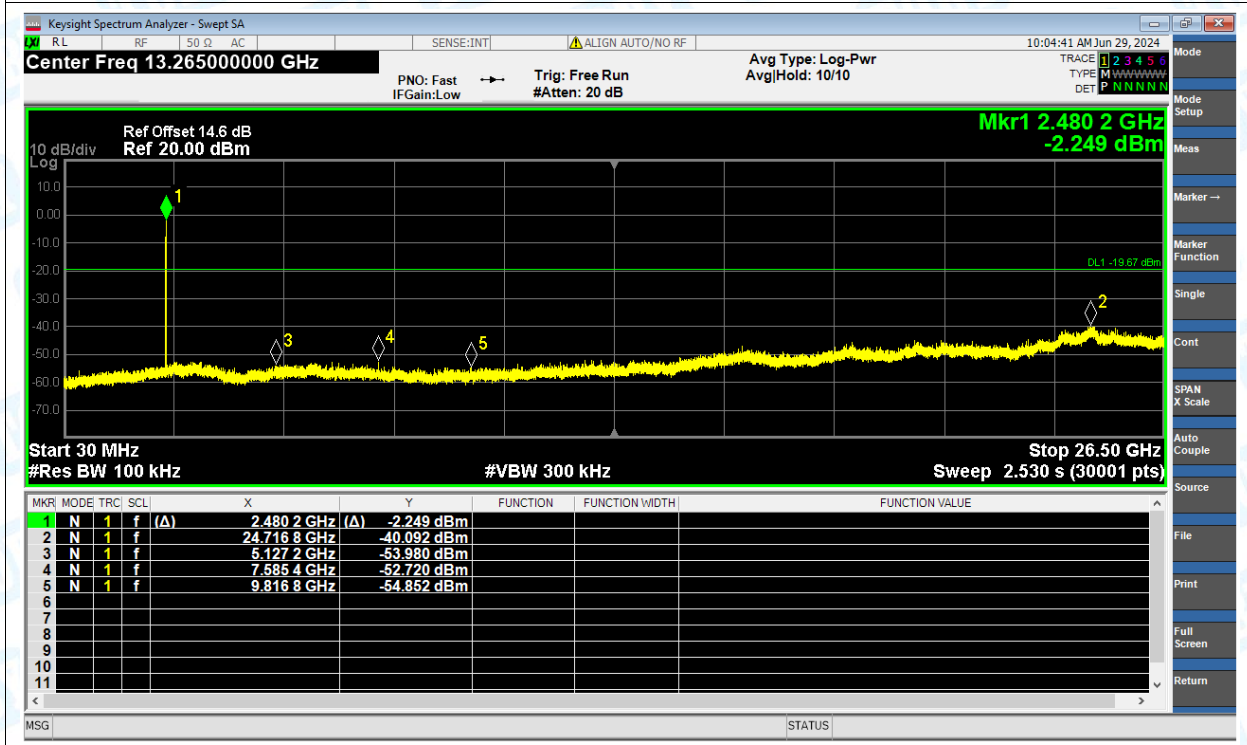
Tx. Spurious NVNT 2-DH1 2441MHz Ant1 Emission



Tx. Spurious NVNT 2-DH1 2480MHz Ant1 Ref



Tx. Spurious NVNT 2-DH1 2480MHz Ant1 Emission



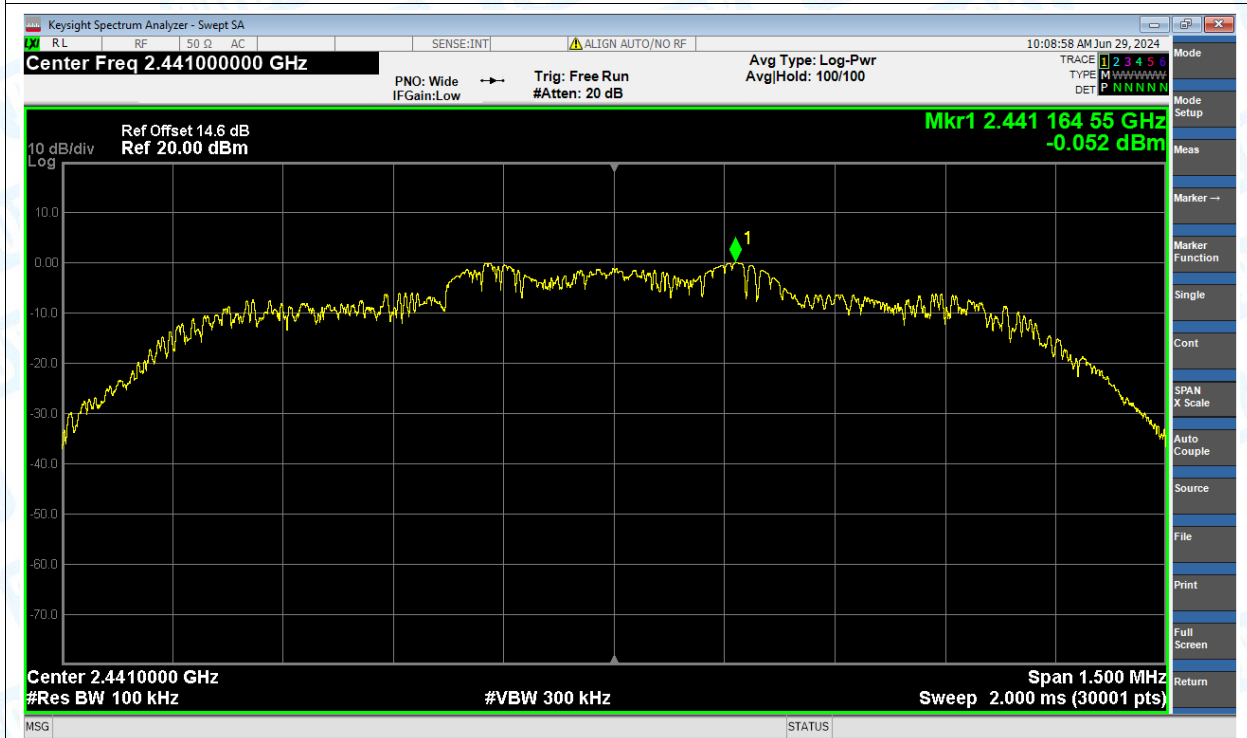
Tx. Spurious NVNT 3-DH1 2402MHz Ant1 Ref



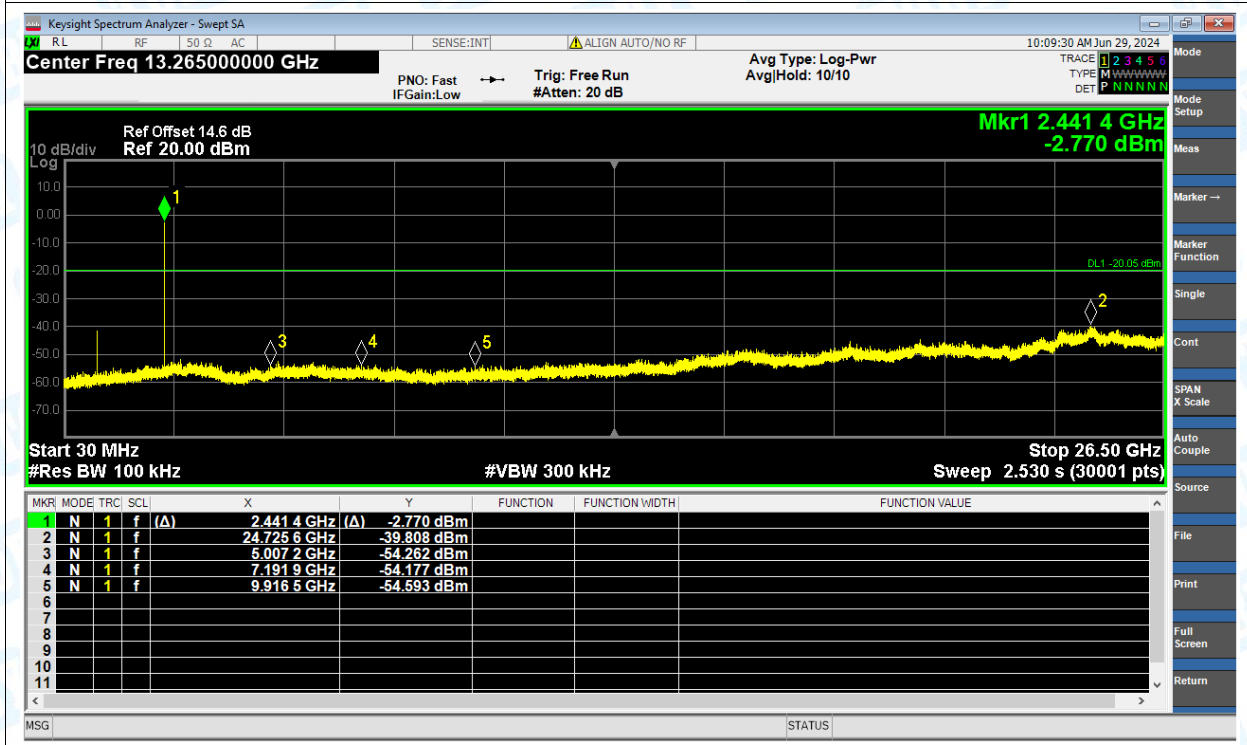
Tx. Spurious NVNT 3-DH1 2402MHz Ant1 Emission



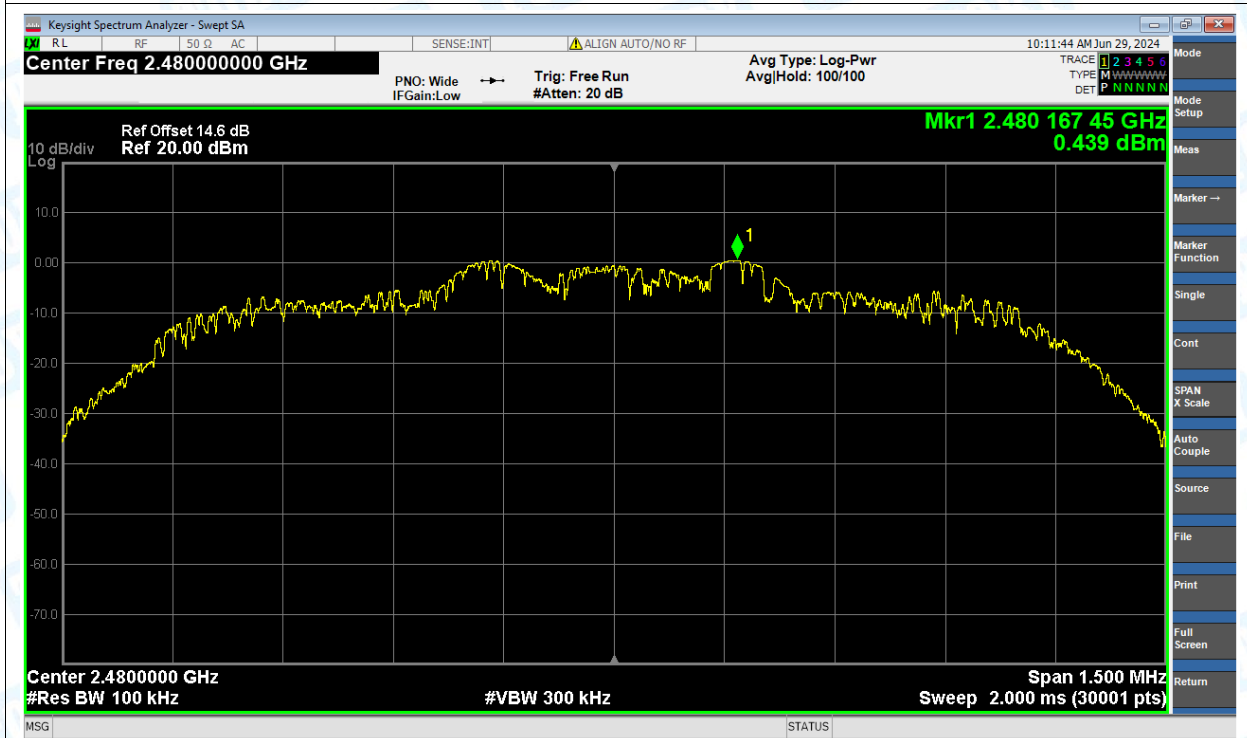
Tx. Spurious NVNT 3-DH1 2441MHz Ant1 Ref



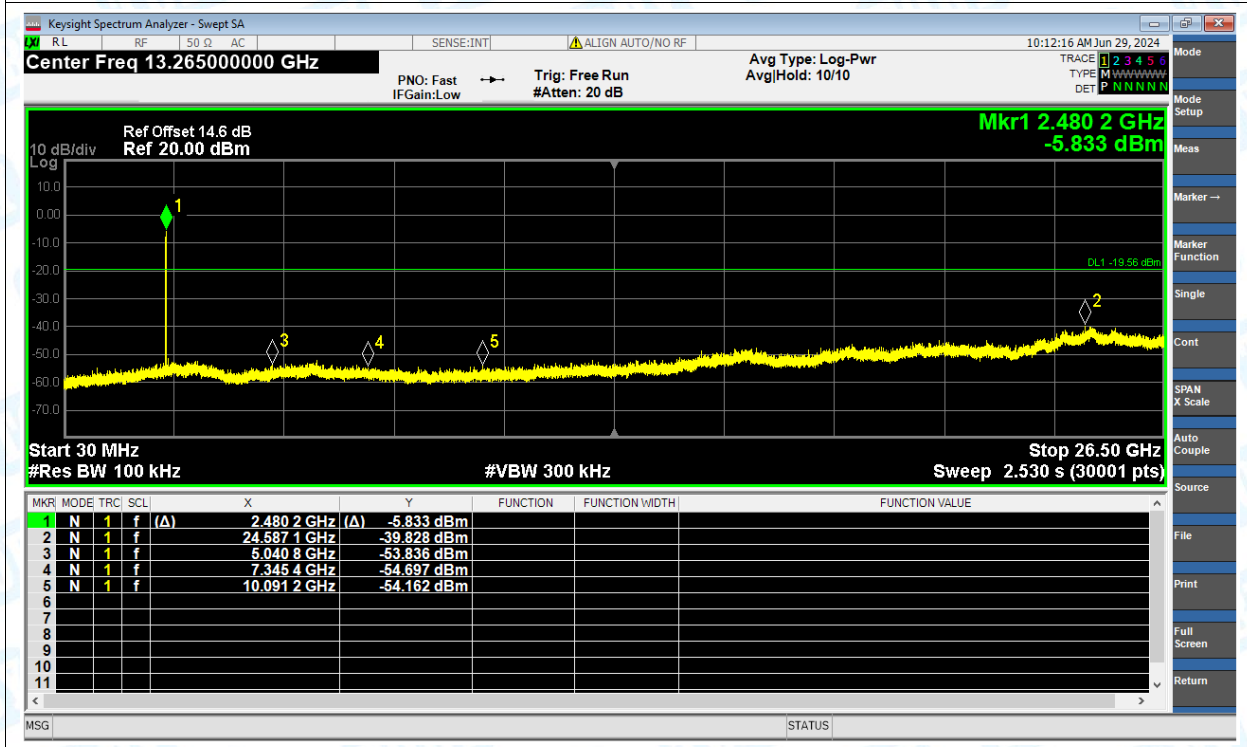
Tx. Spurious NVNT 3-DH1 2441MHz Ant1 Emission



Tx. Spurious NVNT 3-DH1 2480MHz Ant1 Ref



Tx. Spurious NVNT 3-DH1 2480MHz Ant1 Emission

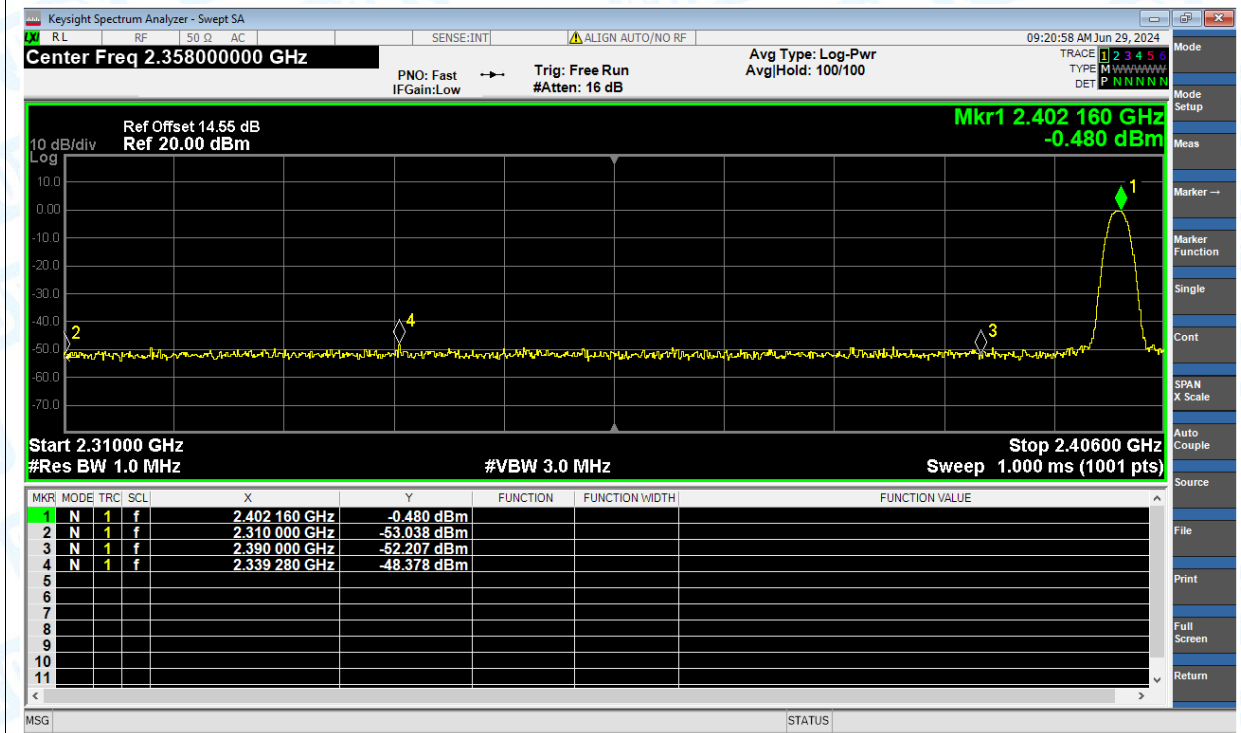


8. Restrict Band

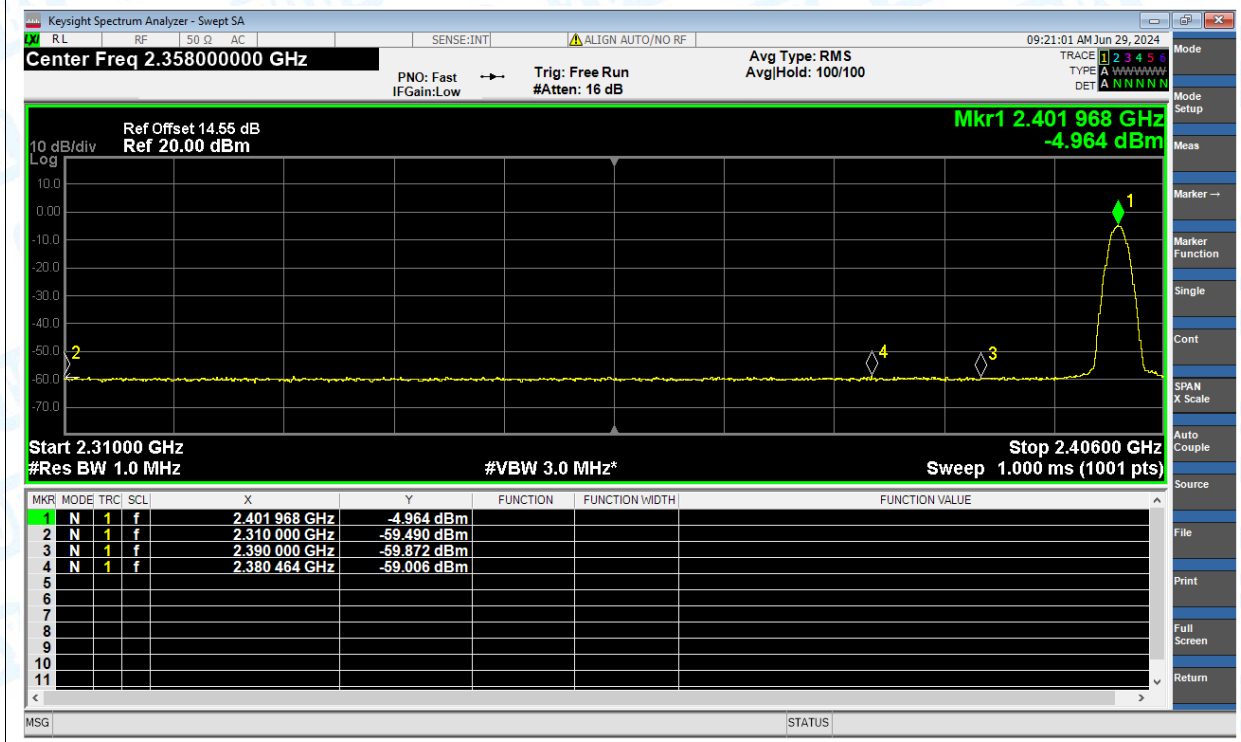
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	Duty Factor (dB)	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
NVNT	1-DH1	2402	Ant1	No-Hopping	2310	-53.04	2	-	44.22	Peak	74	Pass
NVNT	1-DH1	2402	Ant1	No-Hopping	2310	-59.49	2	5.29	43.06	Average	54	Pass
NVNT	1-DH1	2402	Ant1	No-Hopping	2339.28	-48.38	2	-	48.88	Peak	74	Pass
NVNT	1-DH1	2402	Ant1	No-Hopping	2380.464	-59.01	2	5.29	43.54	Average	54	Pass
NVNT	1-DH1	2402	Ant1	No-Hopping	2390	-52.21	2	-	45.05	Peak	74	Pass
NVNT	1-DH1	2402	Ant1	No-Hopping	2390	-59.87	2	5.29	42.68	Average	54	Pass
NVNT	1-DH1	2480	Ant1	No-Hopping	2483.5	-47.16	2	-	50.1	Peak	74	Pass
NVNT	1-DH1	2480	Ant1	No-Hopping	2483.5	-55.57	2	5.17	46.86	Average	54	Pass
NVNT	1-DH1	2480	Ant1	No-Hopping	2495.104	-44.23	2	-	53.03	Peak	74	Pass
NVNT	1-DH1	2480	Ant1	No-Hopping	2496.376	-54.76	2	5.17	47.67	Average	54	Pass
NVNT	1-DH1	2480	Ant1	No-Hopping	2500	-46.42	2	-	50.84	Peak	74	Pass
NVNT	1-DH1	2480	Ant1	No-Hopping	2500	-55.78	2	5.17	46.65	Average	54	Pass
NVNT	2-DH1	2402	Ant1	No-Hopping	2310	-46.24	2	-	51.02	Peak	74	Pass
NVNT	2-DH1	2402	Ant1	No-Hopping	2310	-55.63	2	5.17	41.63	Average	54	Pass
NVNT	2-DH1	2402	Ant1	No-Hopping	2310.96	-44.29	2	-	52.97	Peak	74	Pass
NVNT	2-DH1	2402	Ant1	No-Hopping	2386.224	-54.75	2	5.17	42.51	Average	54	Pass
NVNT	2-DH1	2402	Ant1	No-Hopping	2390	-47.42	2	-	49.84	Peak	74	Pass
NVNT	2-DH1	2402	Ant1	No-Hopping	2390	-55.7	2	5.17	41.56	Average	54	Pass
NVNT	2-DH1	2480	Ant1	No-Hopping	2483.5	-50.98	2	-	46.28	Peak	74	Pass
NVNT	2-DH1	2480	Ant1	No-Hopping	2483.5	-58.88	2	5.17	43.55	Average	54	Pass
NVNT	2-DH1	2480	Ant1	No-Hopping	2484.832	-47.9	2	-	49.36	Peak	74	Pass
NVNT	2-DH1	2480	Ant1	No-Hopping	2484.544	-58.4	2	5.17	44.03	Average	54	Pass
NVNT	2-DH1	2480	Ant1	No-Hopping	2500	-51.72	2	-	45.54	Peak	74	Pass
NVNT	2-DH1	2480	Ant1	No-Hopping	2500	-59.1	2	5.17	43.33	Average	54	Pass
NVNT	3-DH1	2402	Ant1	No-Hopping	2310	-48.02	2	-	49.24	Peak	74	Pass
NVNT	3-DH1	2402	Ant1	No-Hopping	2310	-55.72	2	5.17	46.71	Average	54	Pass
NVNT	3-DH1	2402	Ant1	No-Hopping	2380.08	-44.31	2	-	52.95	Peak	74	Pass
NVNT	3-DH1	2402	Ant1	No-Hopping	2386.704	-54.74	2	5.17	47.69	Average	54	Pass
NVNT	3-DH1	2402	Ant1	No-Hopping	2390	-49.06	2	-	48.2	Peak	74	Pass
NVNT	3-DH1	2402	Ant1	No-Hopping	2390	-55.27	2	5.17	47.16	Average	54	Pass
NVNT	3-DH1	2480	Ant1	No-Hopping	2483.5	-47.08	2	-	50.18	Peak	74	Pass
NVNT	3-DH1	2480	Ant1	No-Hopping	2483.5	-55.3	2	5.17	47.13	Average	54	Pass
NVNT	3-DH1	2480	Ant1	No-Hopping	2497.672	-43.68	2	-	53.58	Peak	74	Pass
NVNT	3-DH1	2480	Ant1	No-Hopping	2492.728	-54.6	2	5.17	47.83	Average	54	Pass
NVNT	3-DH1	2480	Ant1	No-Hopping	2500	-45.6	2	-	51.66	Peak	74	Pass
NVNT	3-DH1	2480	Ant1	No-Hopping	2500	-55.4	2	5.17	47.03	Average	54	Pass

Test Graphs

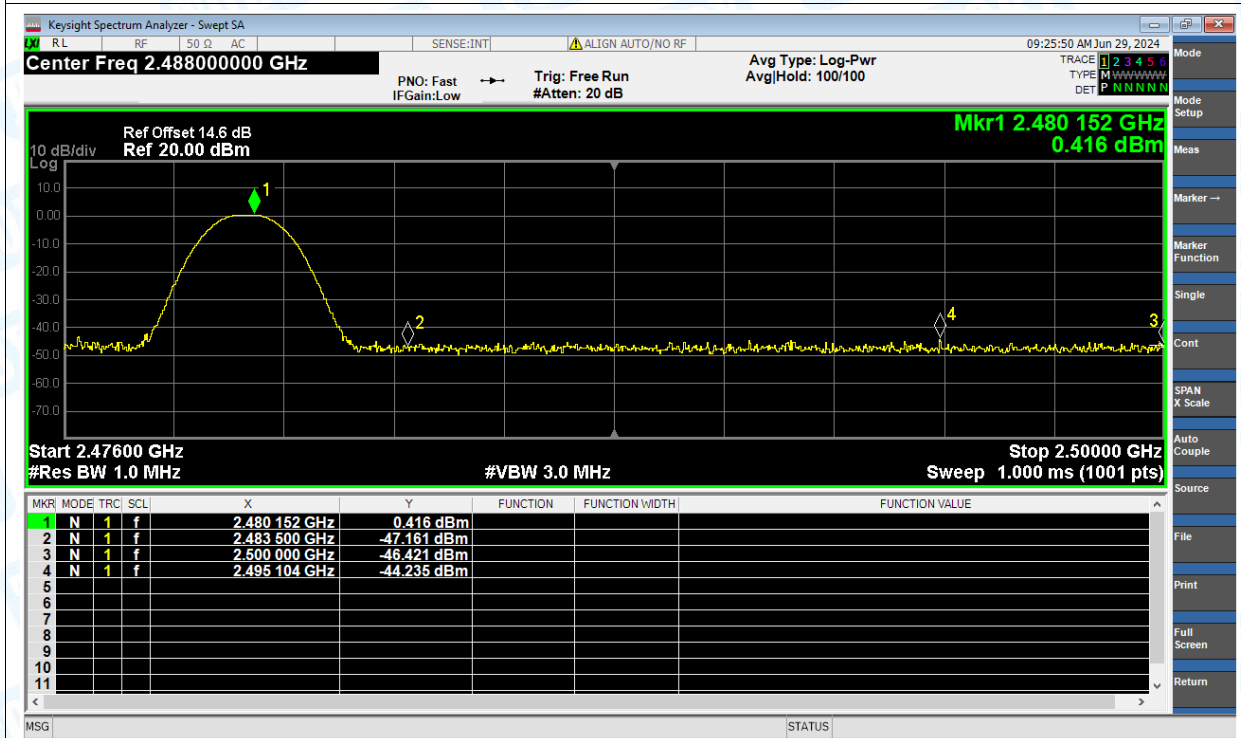
Restrict Band NVNT 1-DH1 2402MHz Ant1 No-Hopping Peak



Restrict Band NVNT 1-DH1 2402MHz Ant1 No-Hopping Average



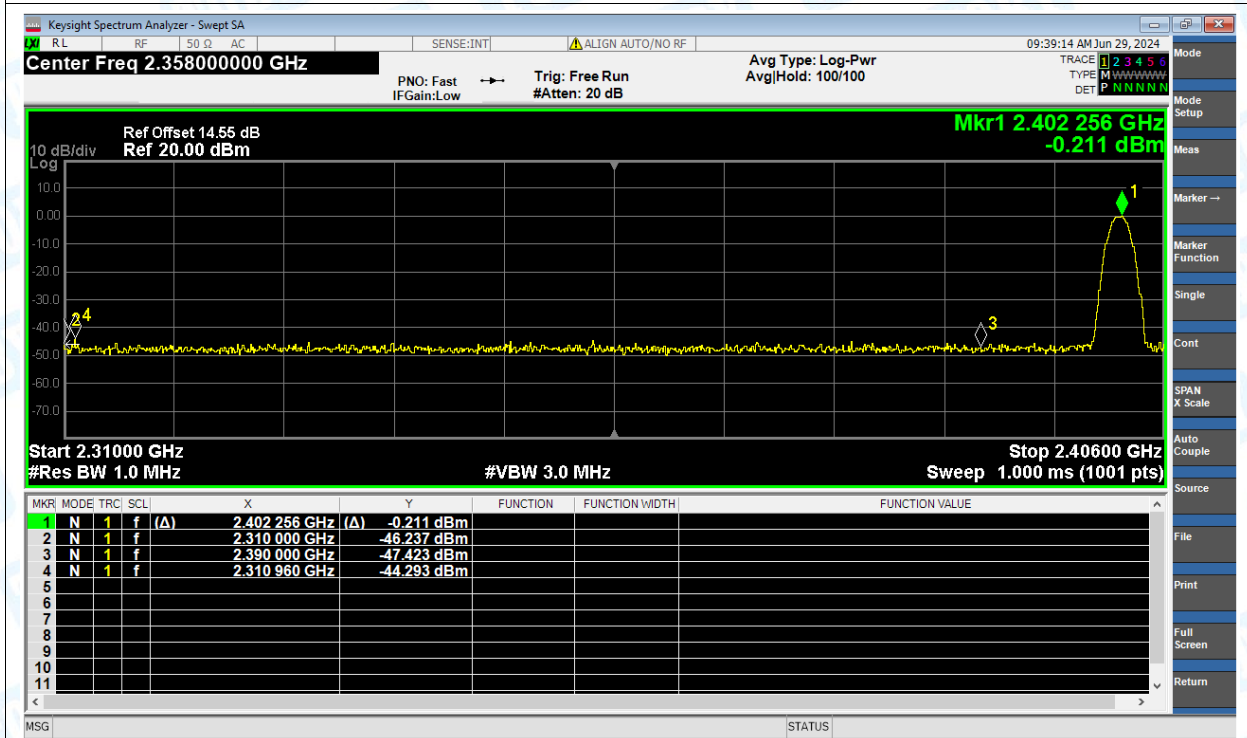
Restrict Band NVNT 1-DH1 2480MHz Ant1 No-Hopping Peak



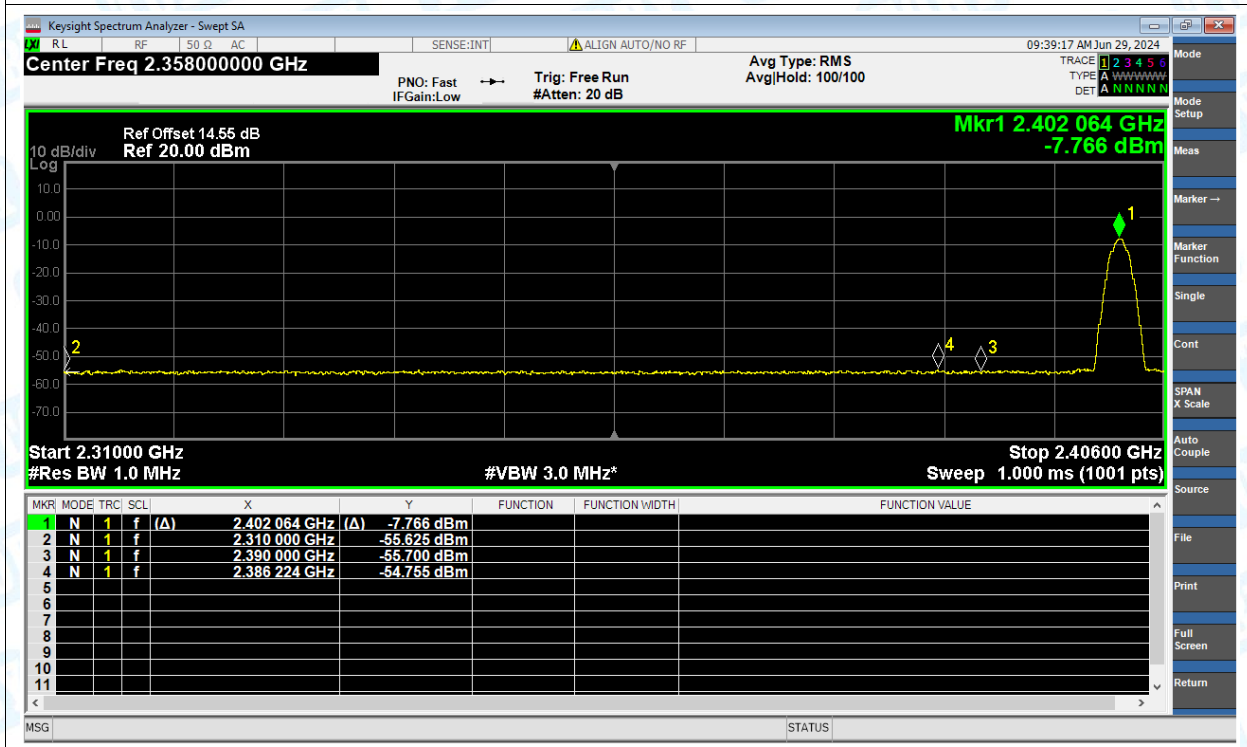
Restrict Band NVNT 1-DH1 2480MHz Ant1 No-Hopping Average



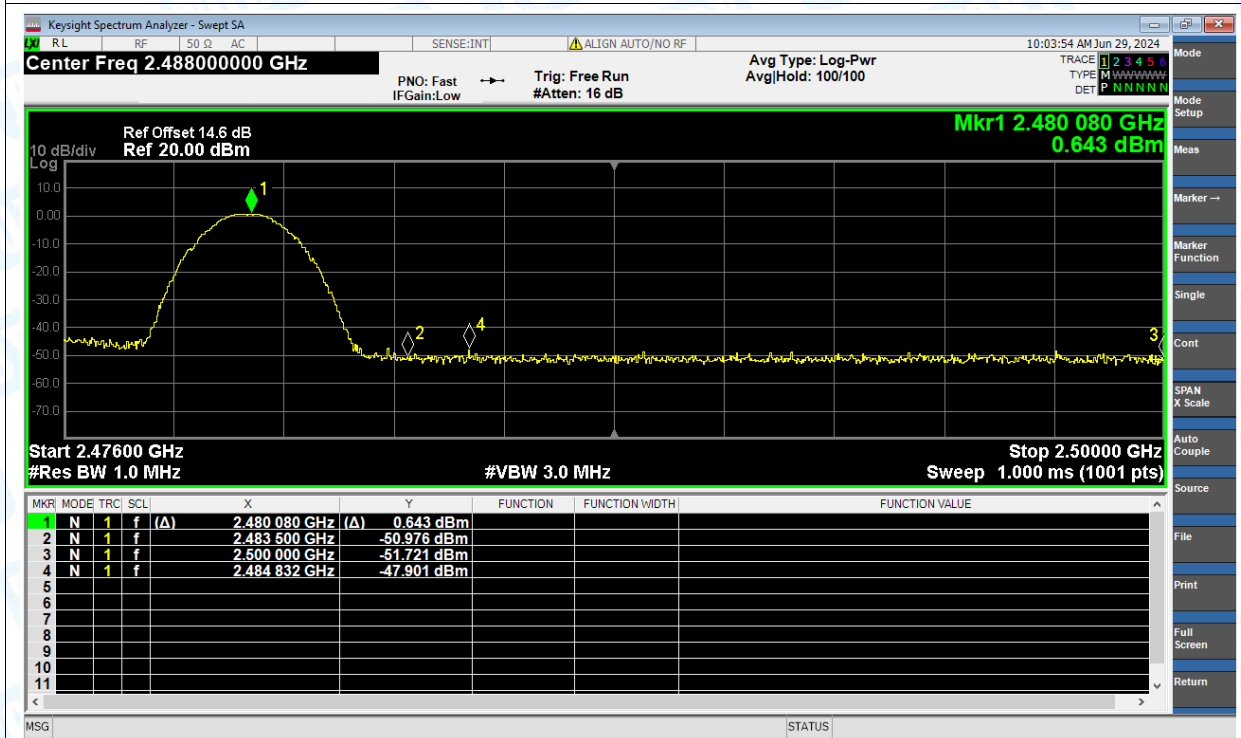
Restrict Band NVNT 2-DH1 2402MHz Ant1 No-Hopping Peak



Restrict Band NVNT 2-DH1 2402MHz Ant1 No-Hopping Average



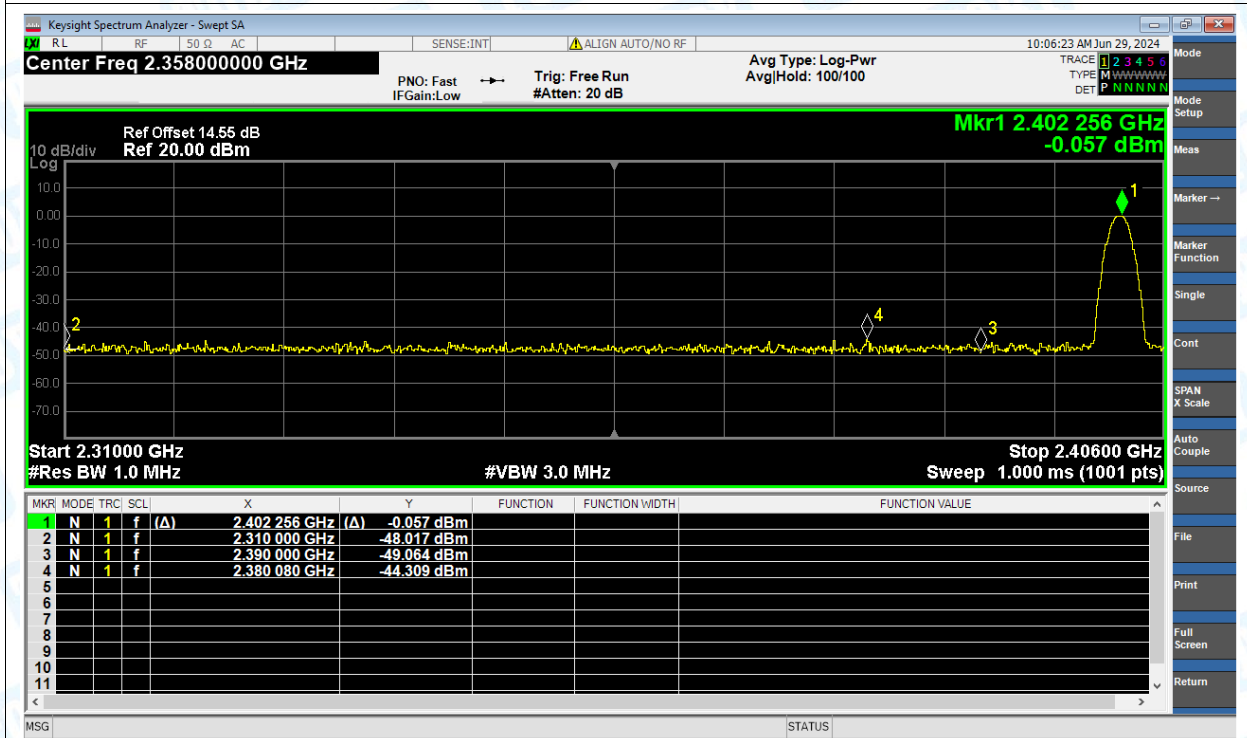
Restrict Band NVNT 2-DH1 2480MHz Ant1 No-Hopping Peak



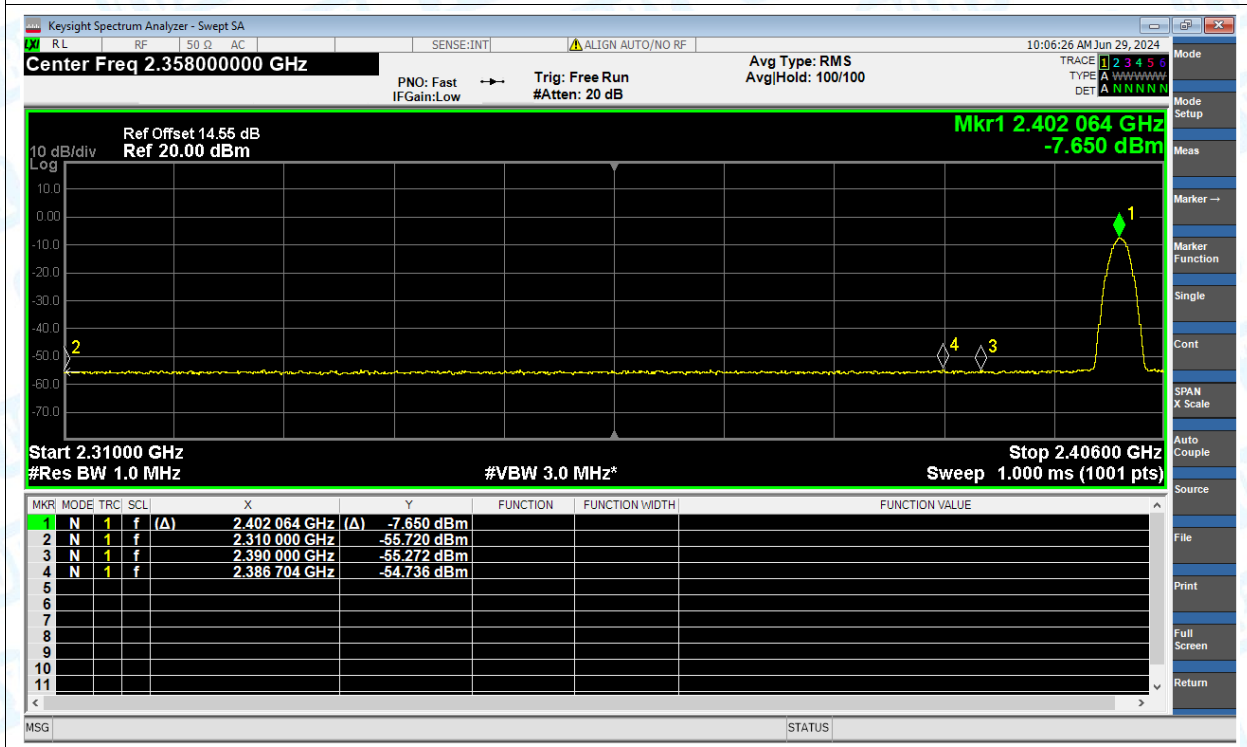
Restrict Band NVNT 2-DH1 2480MHz Ant1 No-Hopping Average



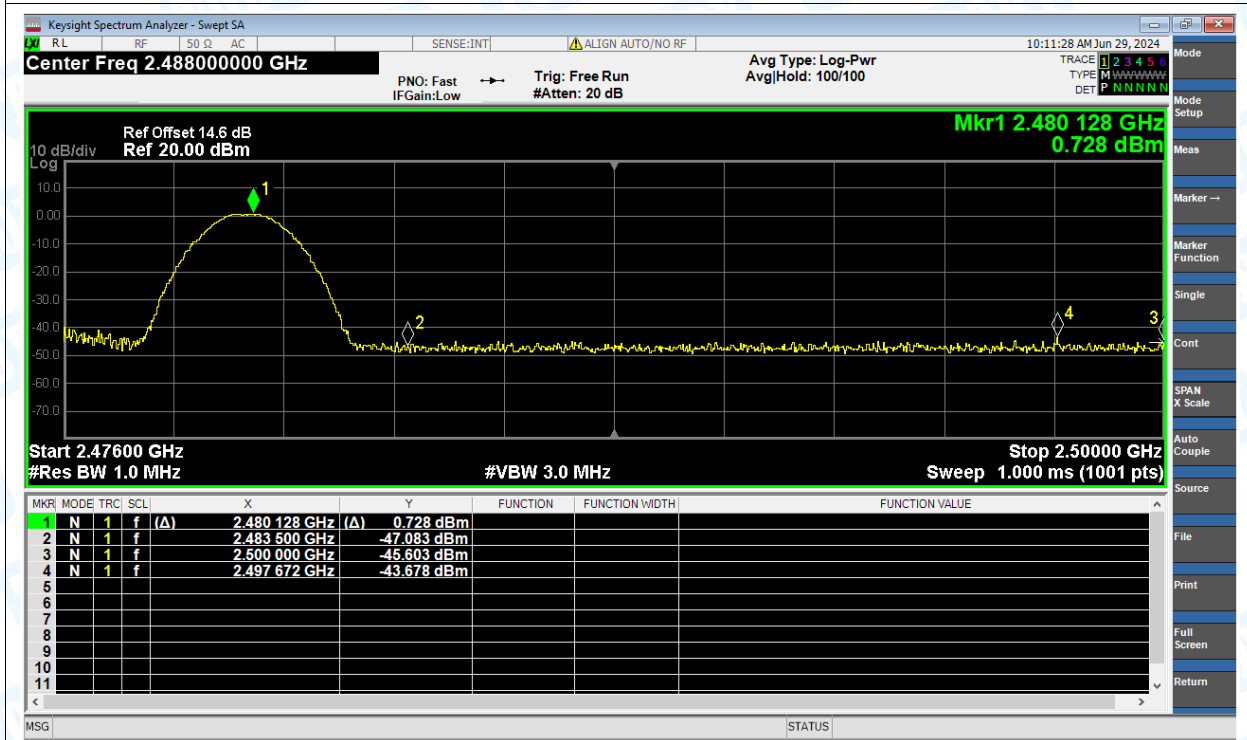
Restrict Band NVNT 3-DH1 2402MHz Ant1 No-Hopping Peak



Restrict Band NVNT 3-DH1 2402MHz Ant1 No-Hopping Average



Restrict Band NVNT 3-DH1 2480MHz Ant1 No-Hopping Peak



Restrict Band NVNT 3-DH1 2480MHz Ant1 No-Hopping Average

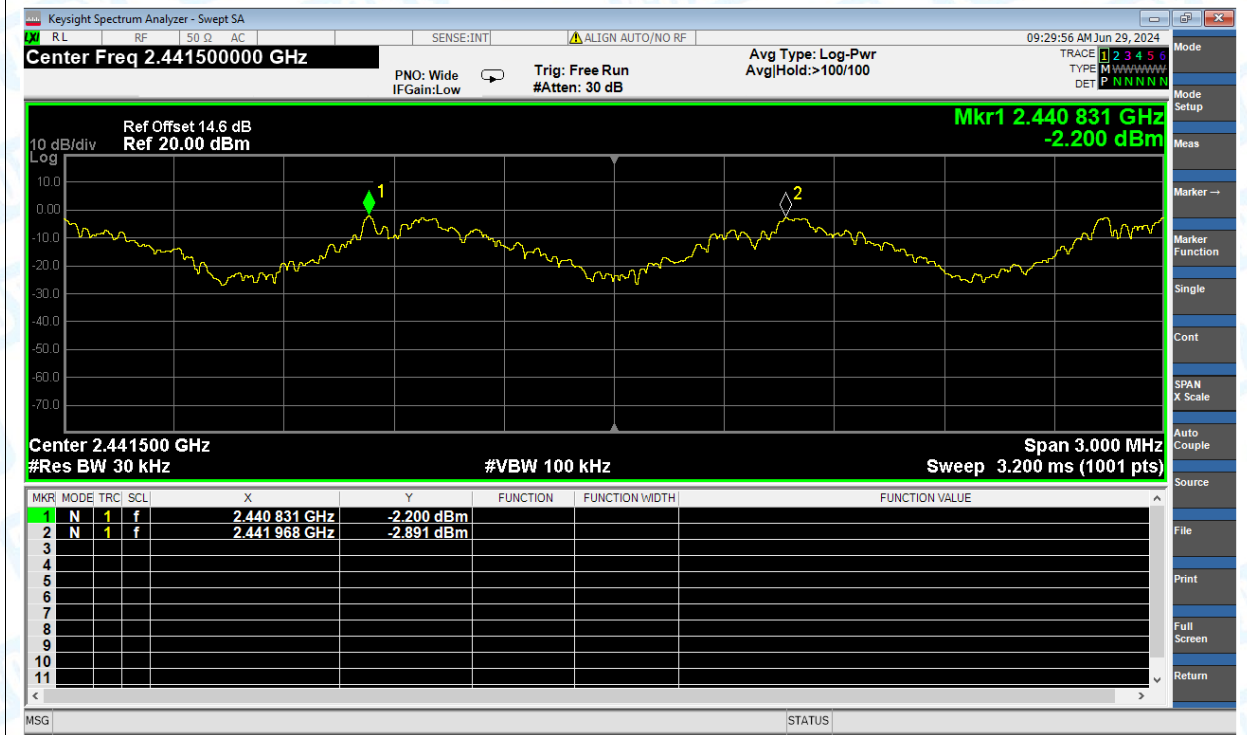


9. Carrier Frequencies Separation

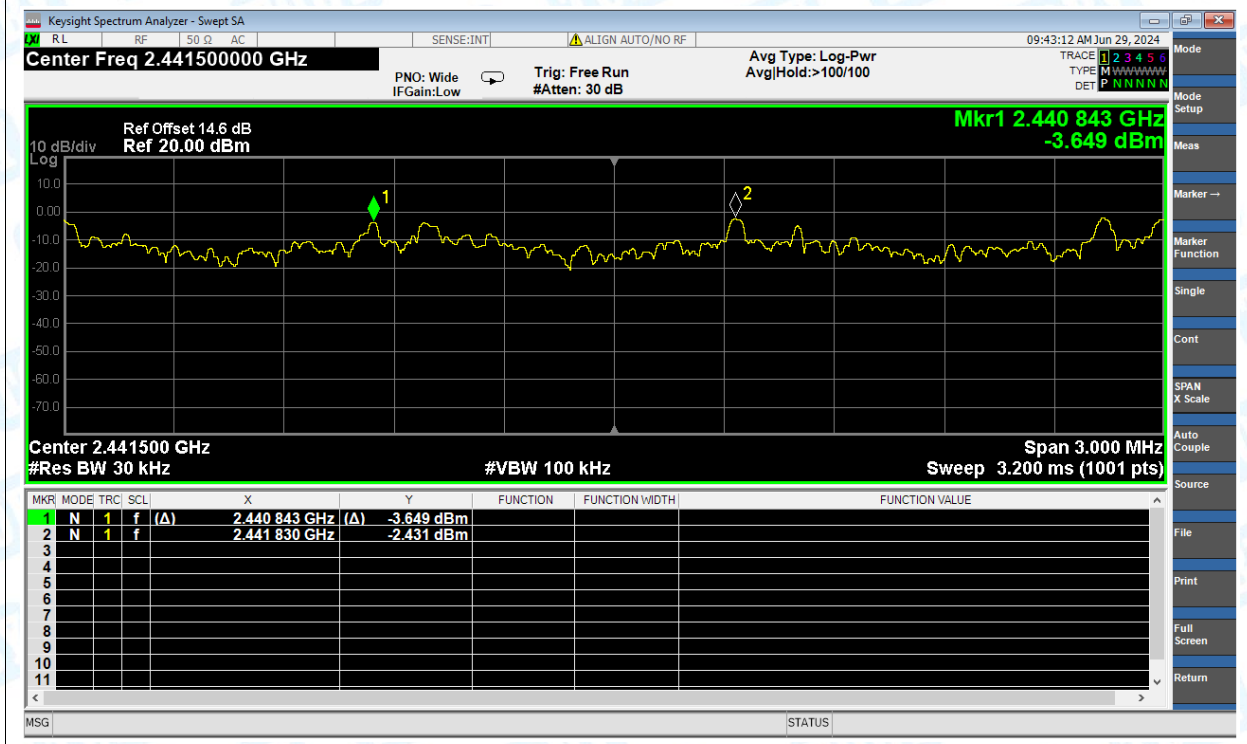
Condition	Mode	Antenna	Hopping Freq1 (MHz)	Hopping Freq2 (MHz)	HFS (MHz)	Limit (MHz)	Verdict
NVNT	1-DH1	Ant1	2440.831	2441.968	1.137	0.58	Pass
NVNT	2-DH1	Ant1	2440.843	2441.83	0.987	0.025	Pass
NVNT	3-DH1	Ant1	2440.843	2441.998	1.155	0.793	Pass

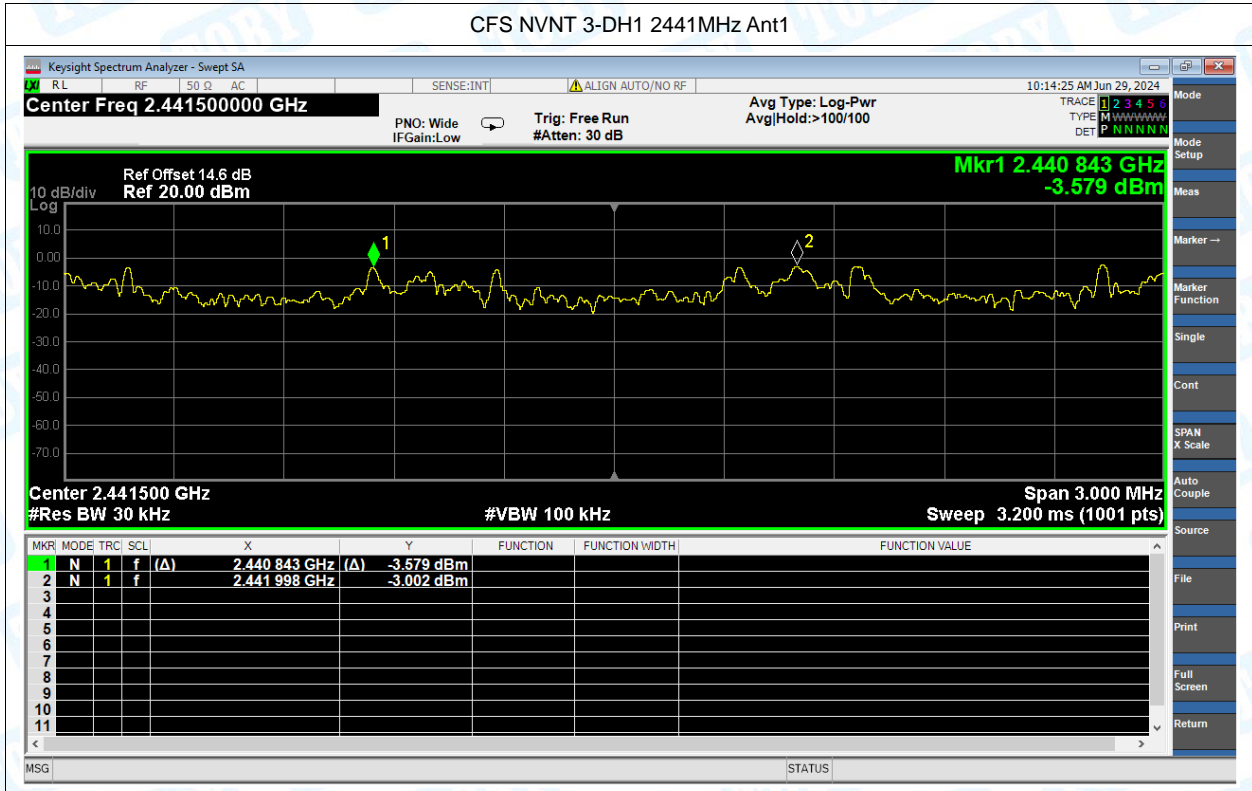
Test Graphs

CFS NVNT 1-DH1 2441MHz Ant1



CFS NVNT 2-DH1 2441MHz Ant1



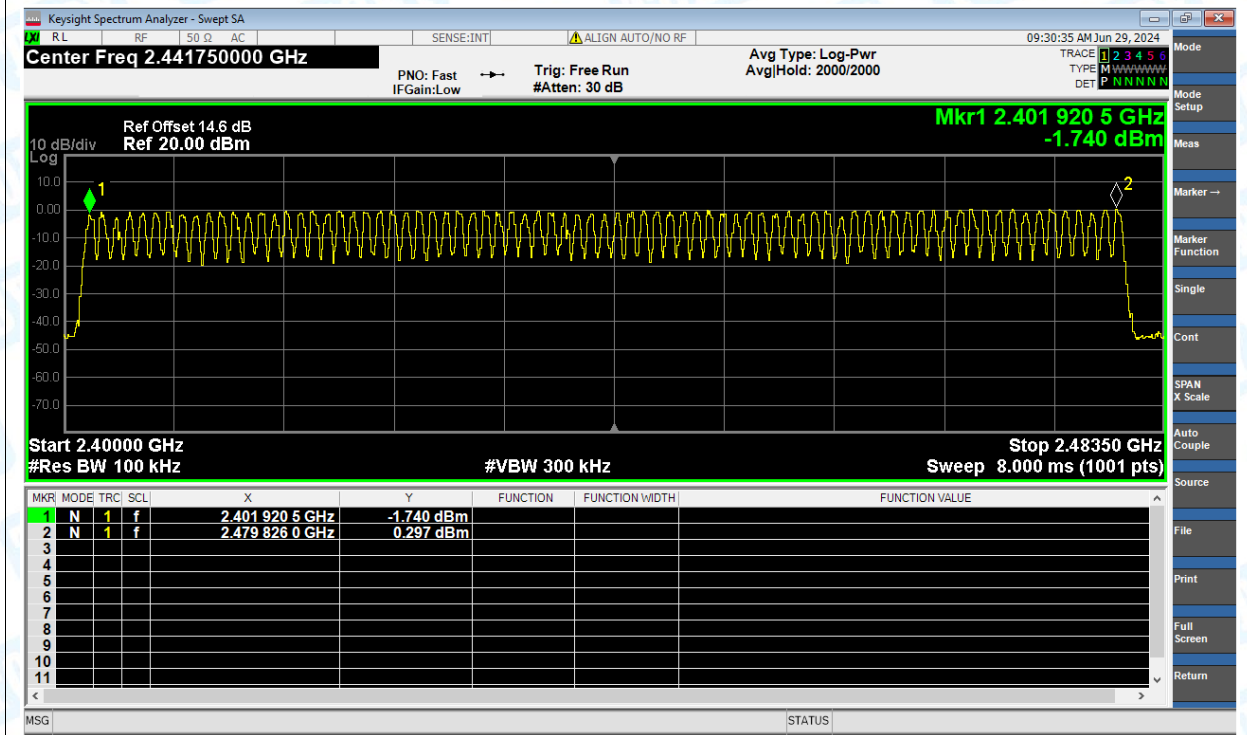


10. Number of Hopping Channel

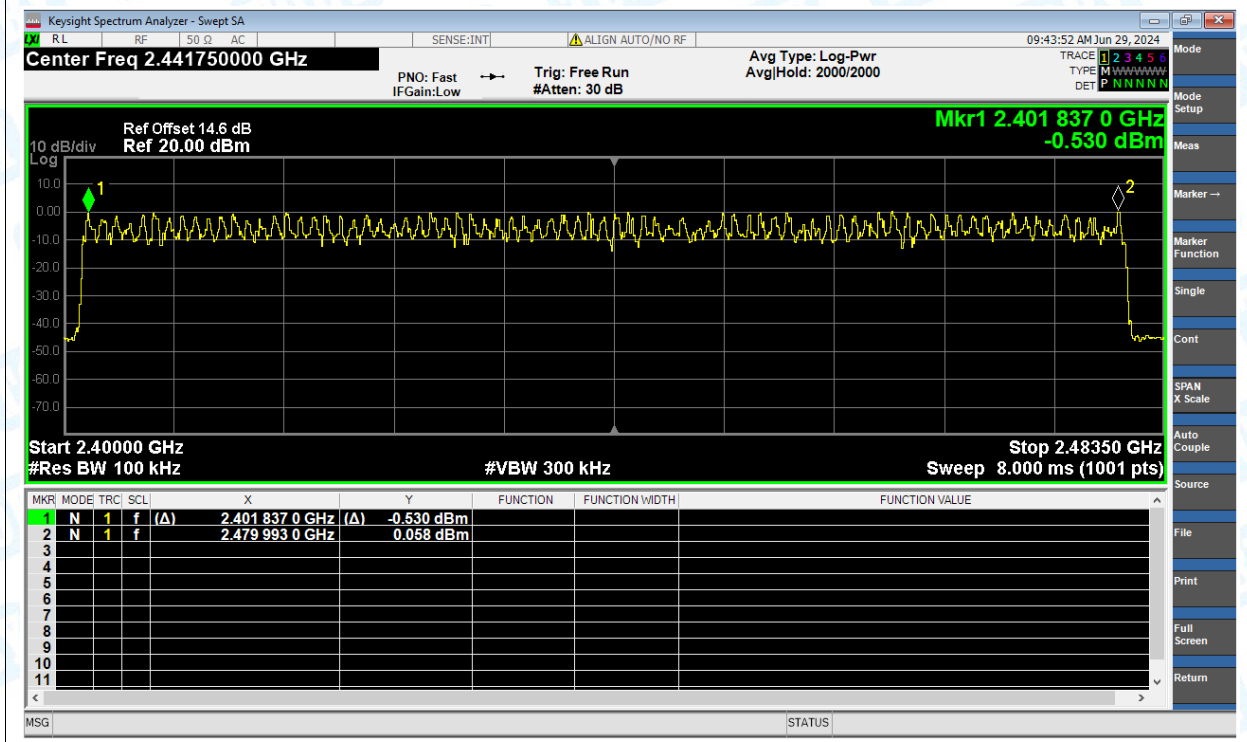
Condition	Mode	Antenna	Hopping Number	Limit	Verdict
NVNT	1-DH1	Ant1	79	15	Pass
NVNT	2-DH1	Ant1	79	15	Pass
NVNT	3-DH1	Ant1	79	15	Pass

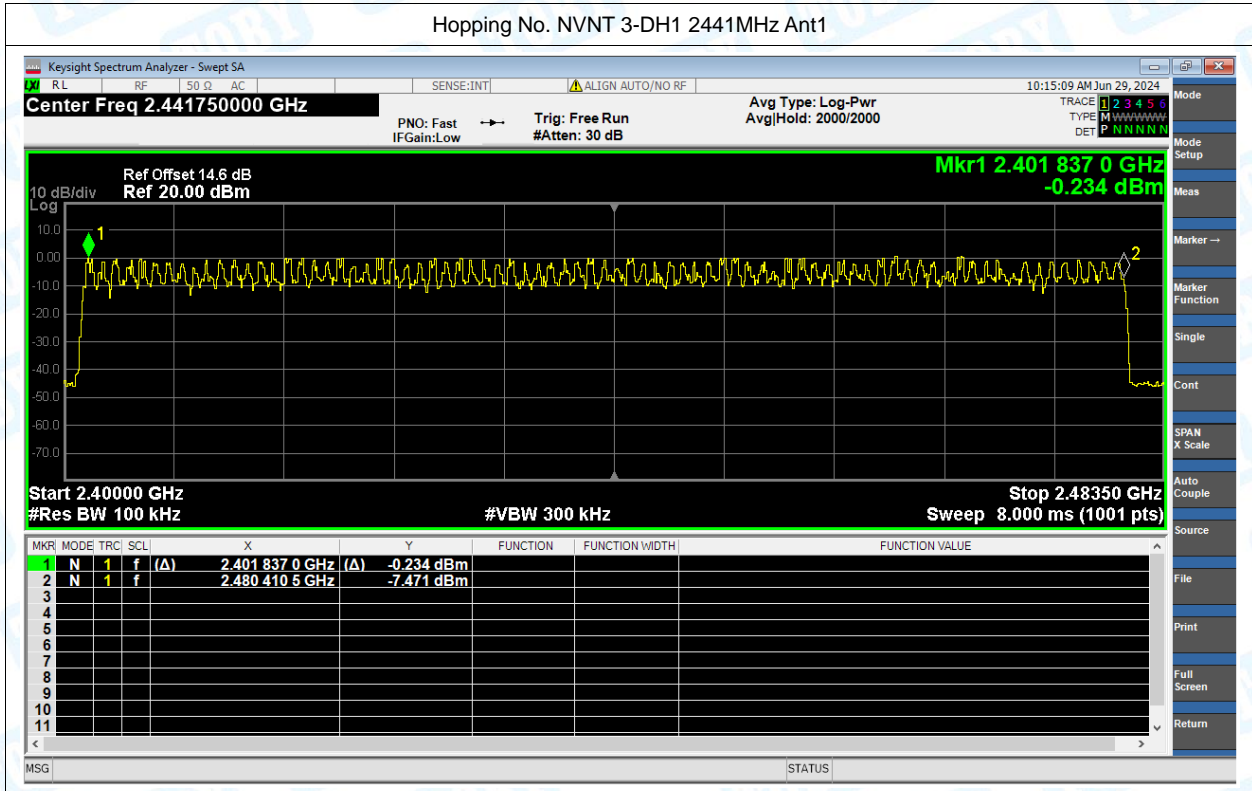
Test Graphs

Hopping No. NVNT 1-DH1 2441MHz Ant1



Hopping No. NVNT 2-DH1 2441MHz Ant1



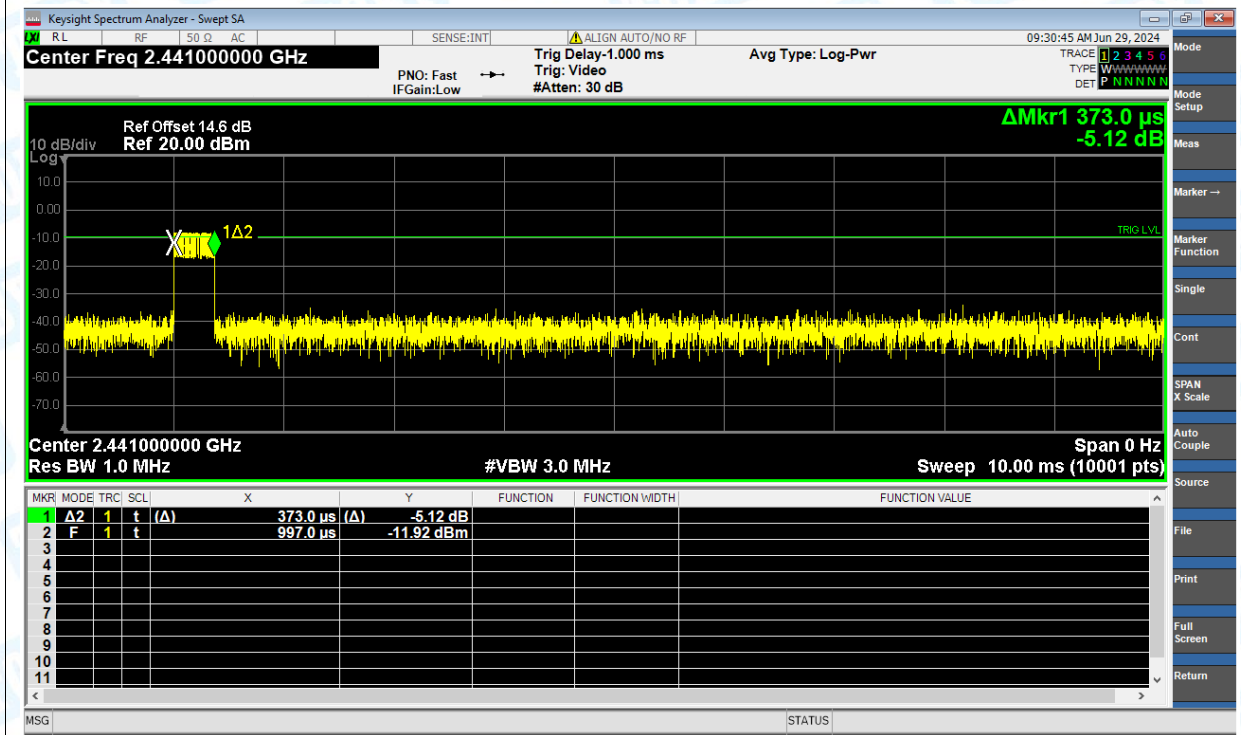


11. Dwell Time

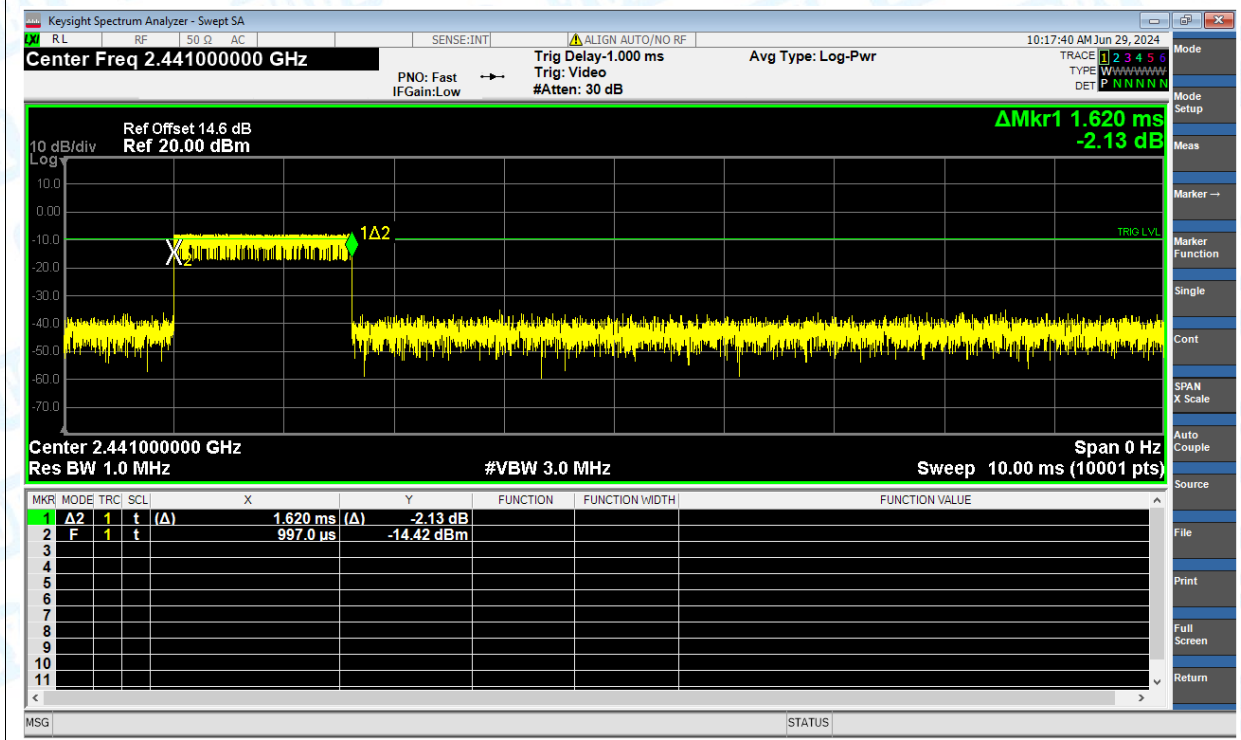
Condition	Mode	Frequency (MHz)	Antenna	Pulse Time (ms)	Total Dwell Time (ms)	Period Time (ms)	Limit (ms)	Verdict
NVNT	1-DH1	2441	Ant1	0.373	119.36	31600	400	Pass
NVNT	1-DH3	2441	Ant1	1.62	259.2	31600	400	Pass
NVNT	1-DH5	2441	Ant1	2.869	306.027	31600	400	Pass
NVNT	2-DH1	2441	Ant1	0.377	120.64	31600	400	Pass
NVNT	2-DH3	2441	Ant1	1.629	260.64	31600	400	Pass
NVNT	2-DH5	2441	Ant1	2.88	307.2	31600	400	Pass
NVNT	3-DH1	2441	Ant1	0.38	121.6	31600	400	Pass
NVNT	3-DH3	2441	Ant1	1.631	260.96	31600	400	Pass
NVNT	3-DH5	2441	Ant1	2.88	307.2	31600	400	Pass

Test Graphs

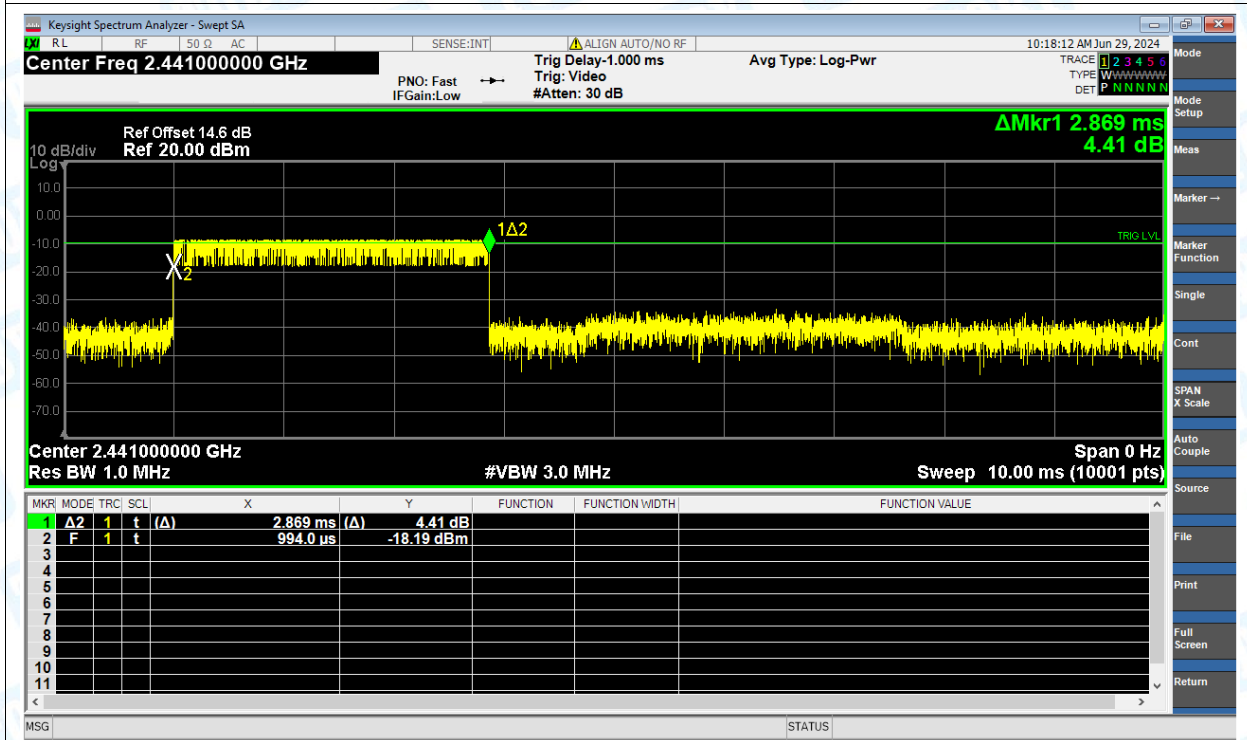
Dwell NVNT 1-DH1 2441MHz Ant1



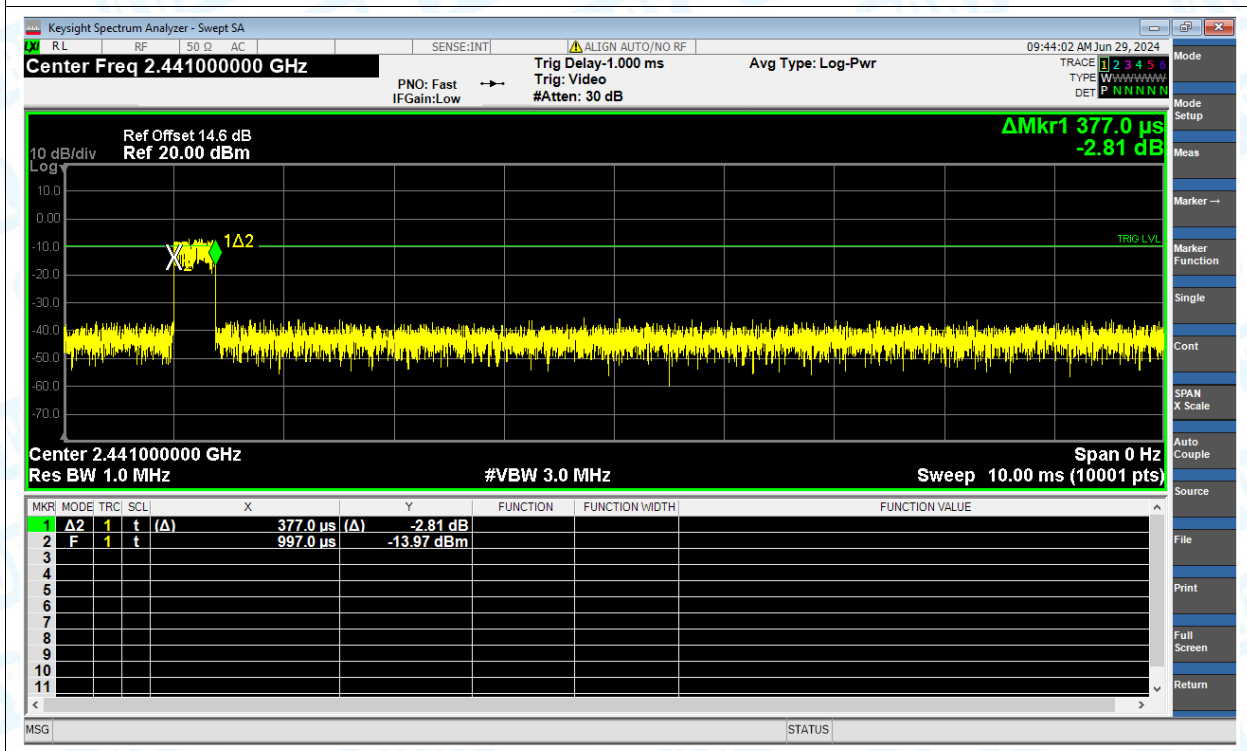
Dwell NVNT 1-DH3 2441MHz Ant1



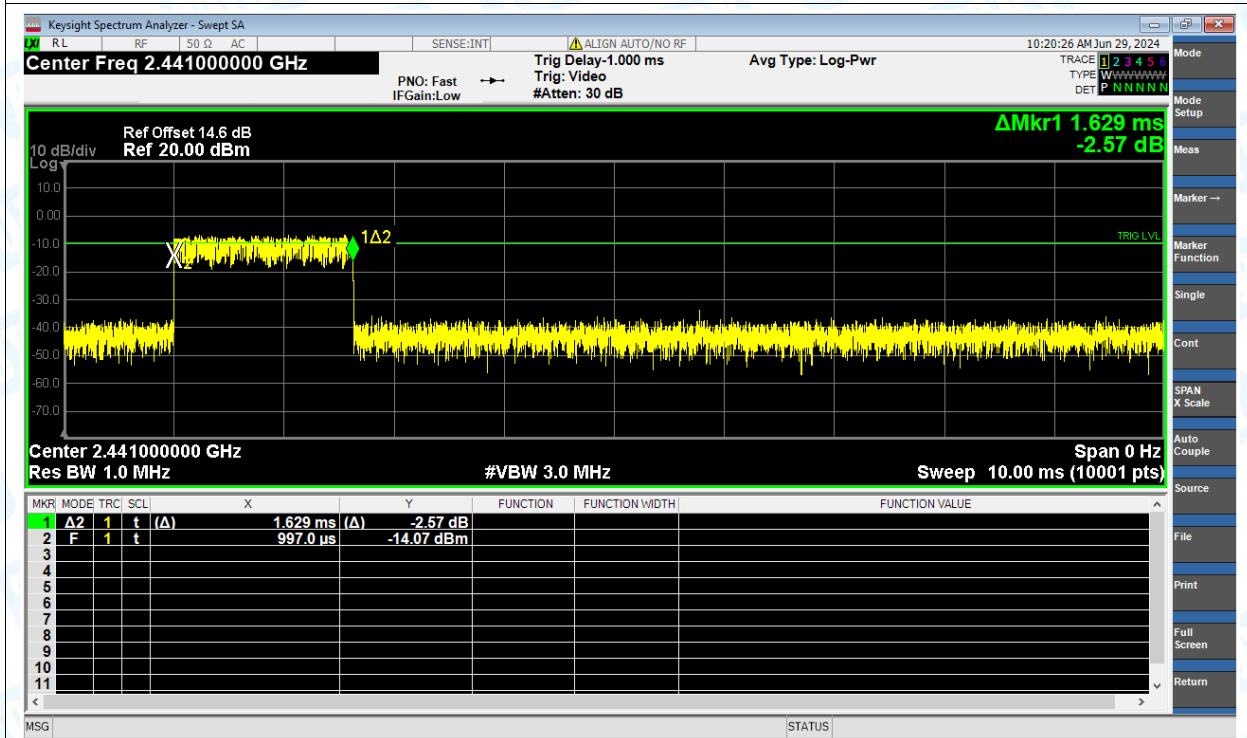
Dwell NVNT 1-DH5 2441MHz Ant1



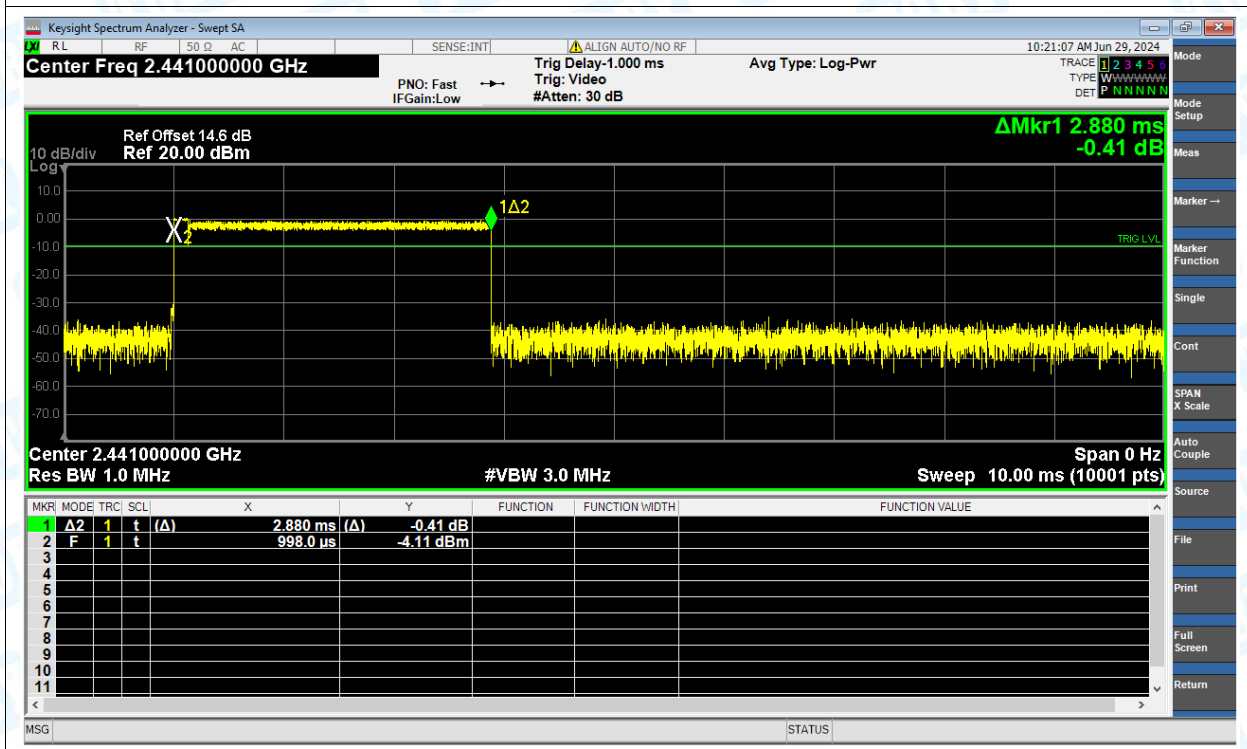
Dwell NVNT 2-DH1 2441MHz Ant1



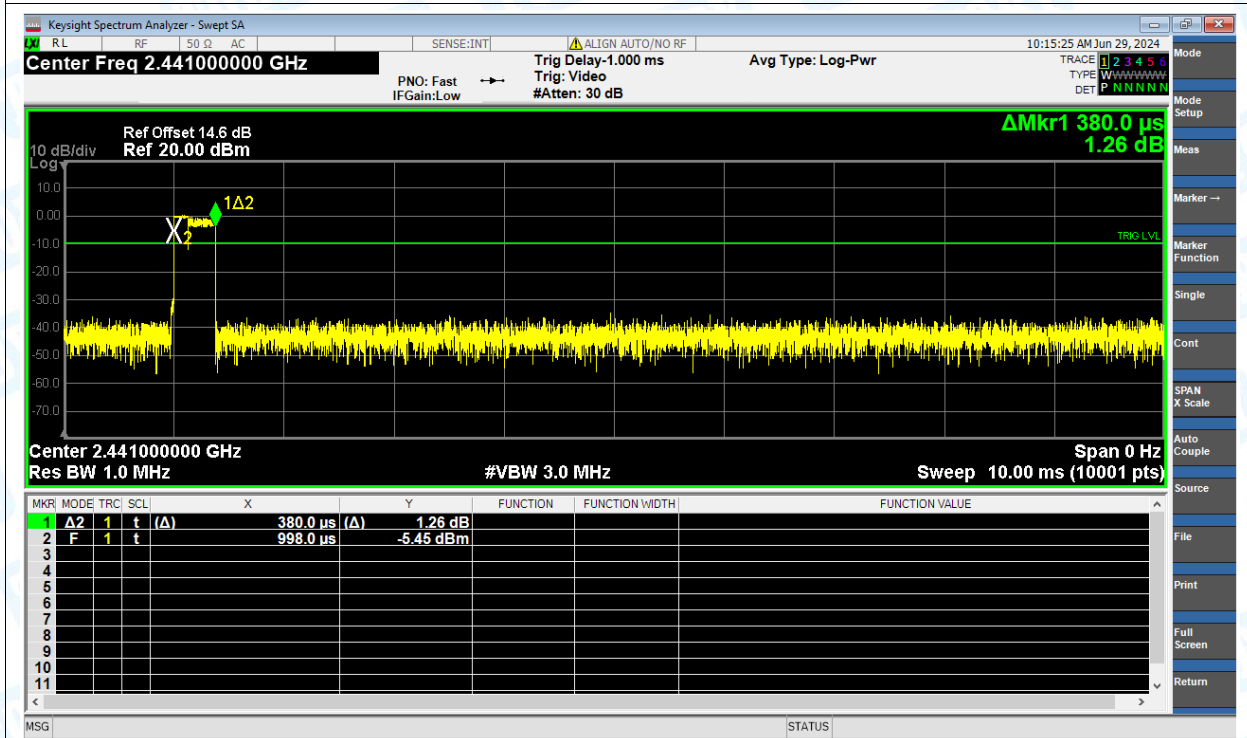
Dwell NVNT 2-DH3 2441MHz Ant1



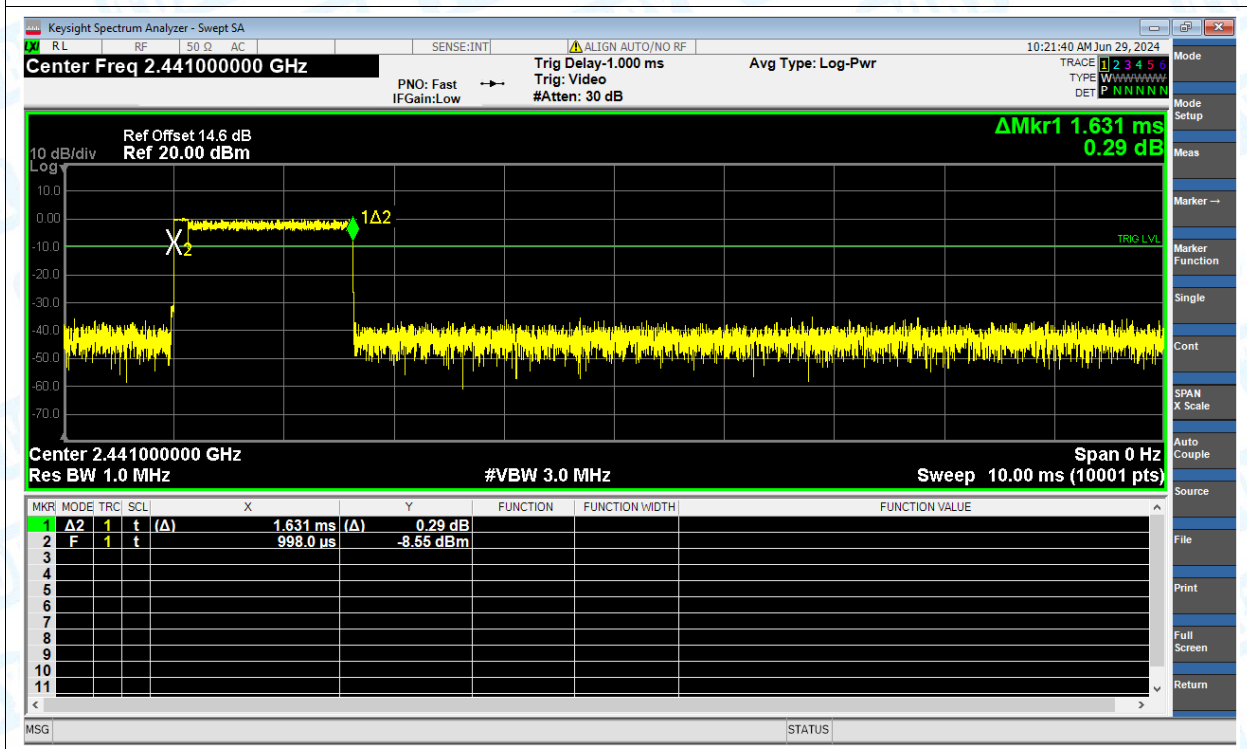
Dwell NVNT 2-DH5 2441MHz Ant1

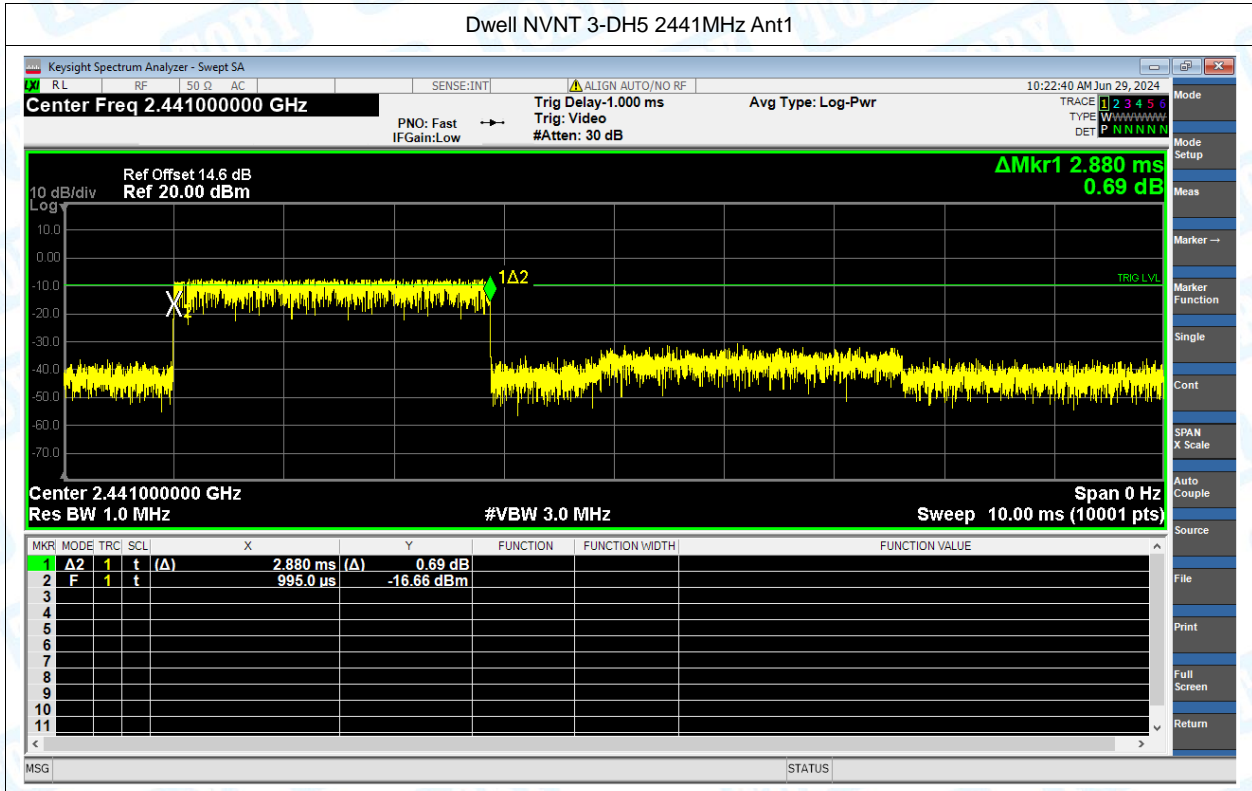


Dwell NVNT 3-DH1 2441MHz Ant1



Dwell NVNT 3-DH3 2441MHz Ant1





-----END OF REPORT-----