

RF Test Data for Bluetooth(BR+EDR) (Conducted Measurements)

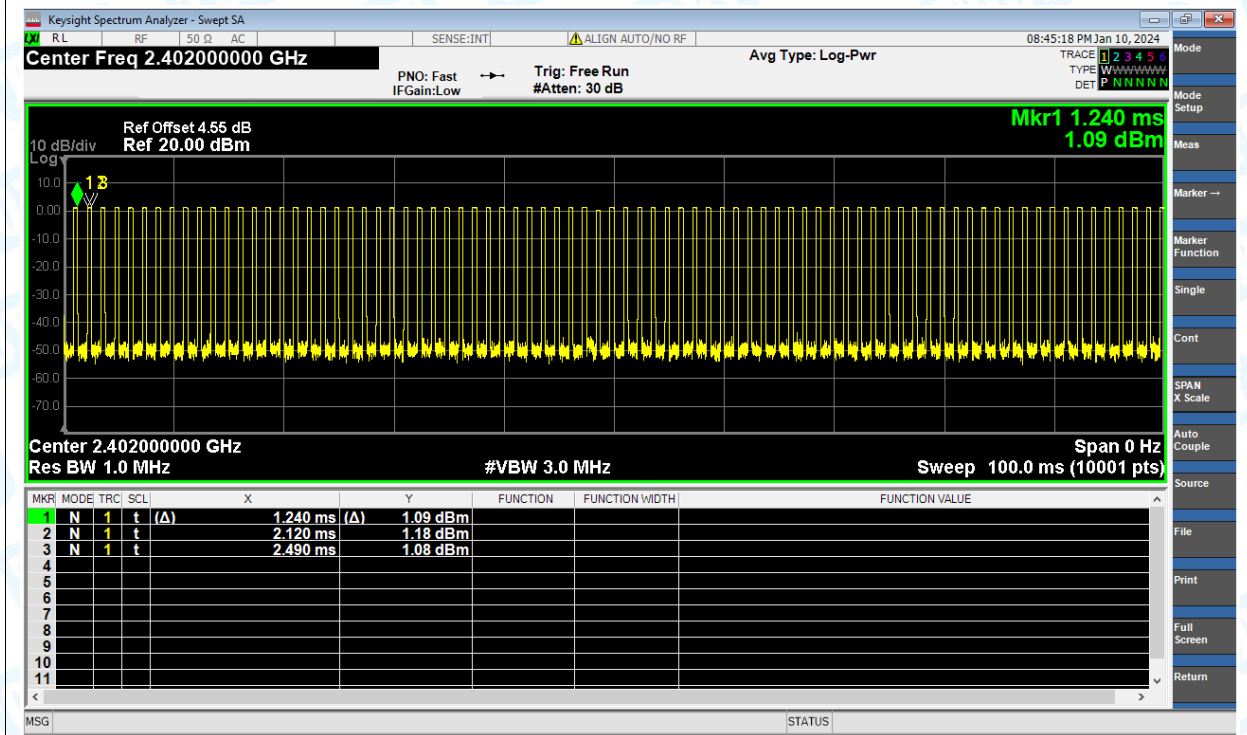
General Description of EUT	
Product Name:	MINI TURNTABLE & 3 RECORD CARRYING CASE
Test Model:	CR6037BT-BE
Sample ID:	HC-C-202401-0037-01-01-2#
Environmental Conditions	
Temperature:	23.8°C
Relative Humidity:	48%
Test Voltage:	DC 5V
Test Engineer:	Zhou Zhen
Note: For a more detailed features description, please refer to the report TBR-C-202401-0037-3 The report only show the worst case data.	

1. Duty Cycle

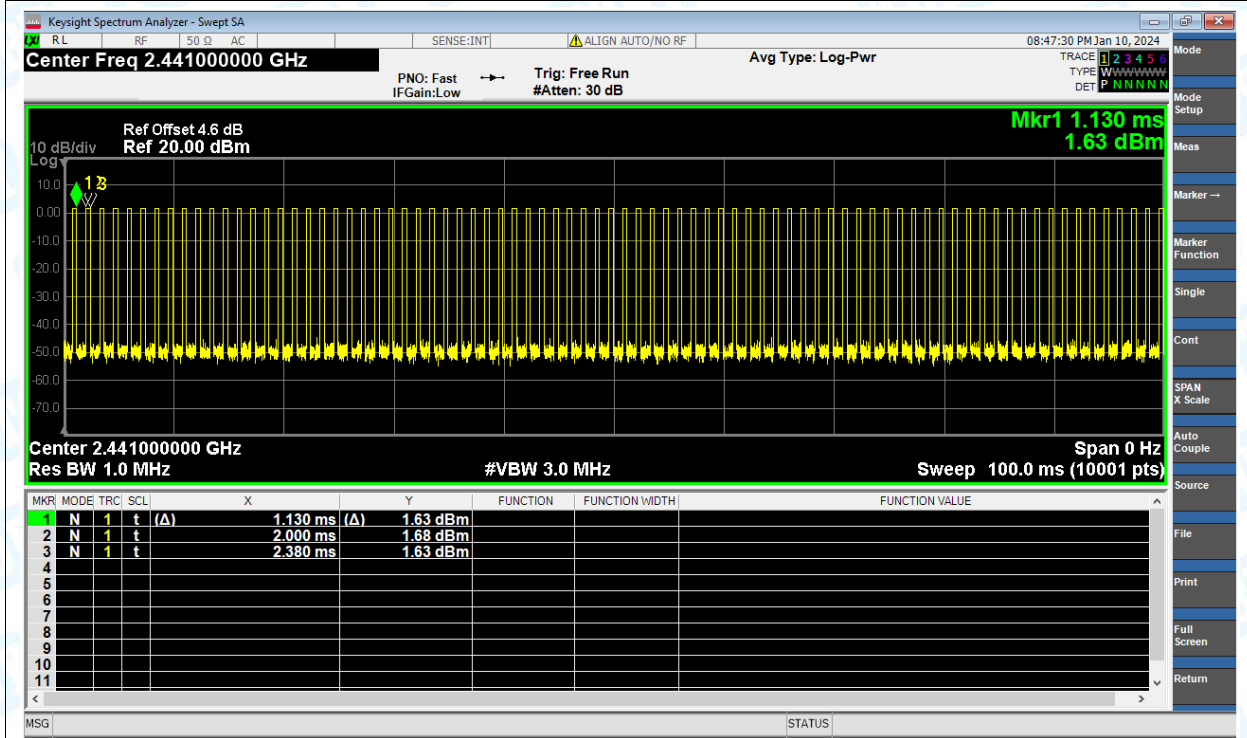
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	1-DH1	2402	Ant1	29.6	5.29	2.7
NVNT	1-DH1	2441	Ant1	30.4	5.17	2.63
NVNT	1-DH1	2480	Ant1	30.4	5.17	2.63
NVNT	2-DH1	2402	Ant1	31.2	5.06	2.56
NVNT	2-DH1	2441	Ant1	31.2	5.06	2.56
NVNT	2-DH1	2480	Ant1	31.2	5.06	2.56
NVNT	3-DH1	2402	Ant1	31.2	5.06	2.56
NVNT	3-DH1	2441	Ant1	31.2	5.06	2.56
NVNT	3-DH1	2480	Ant1	31.2	5.06	2.56

Test Graphs

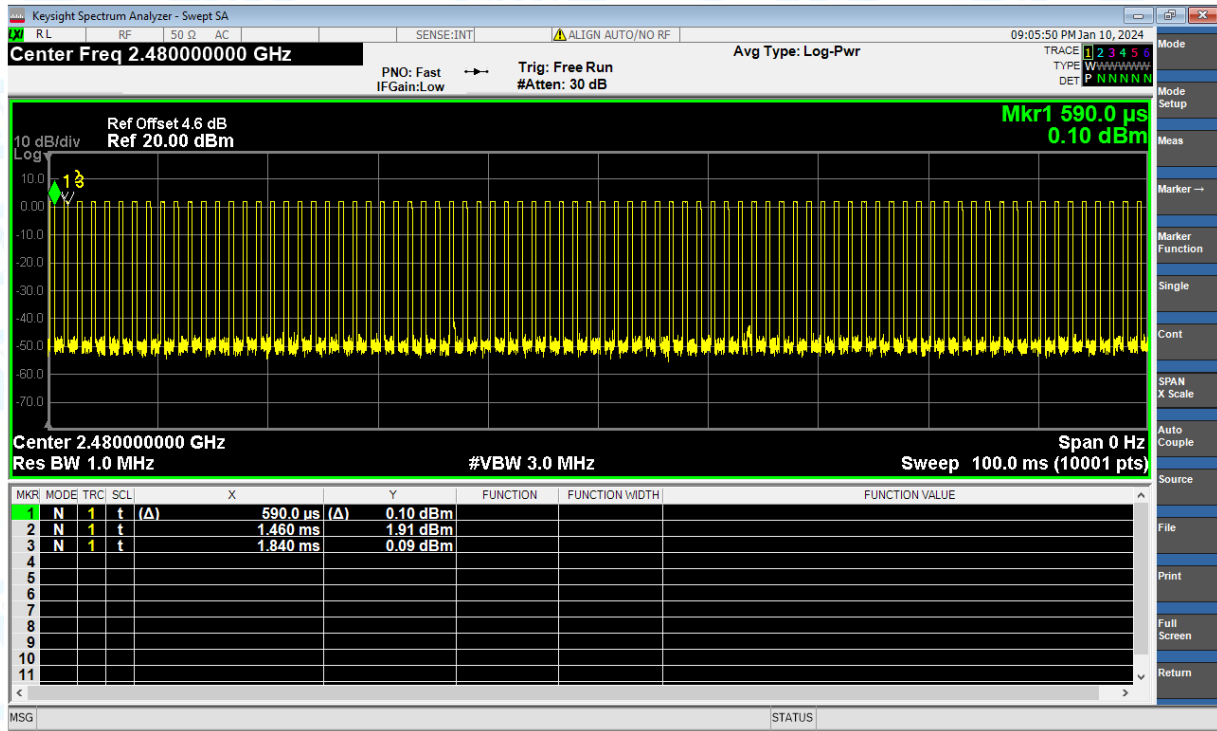
Duty Cycle NVNT 1-DH1 2402MHz Ant1



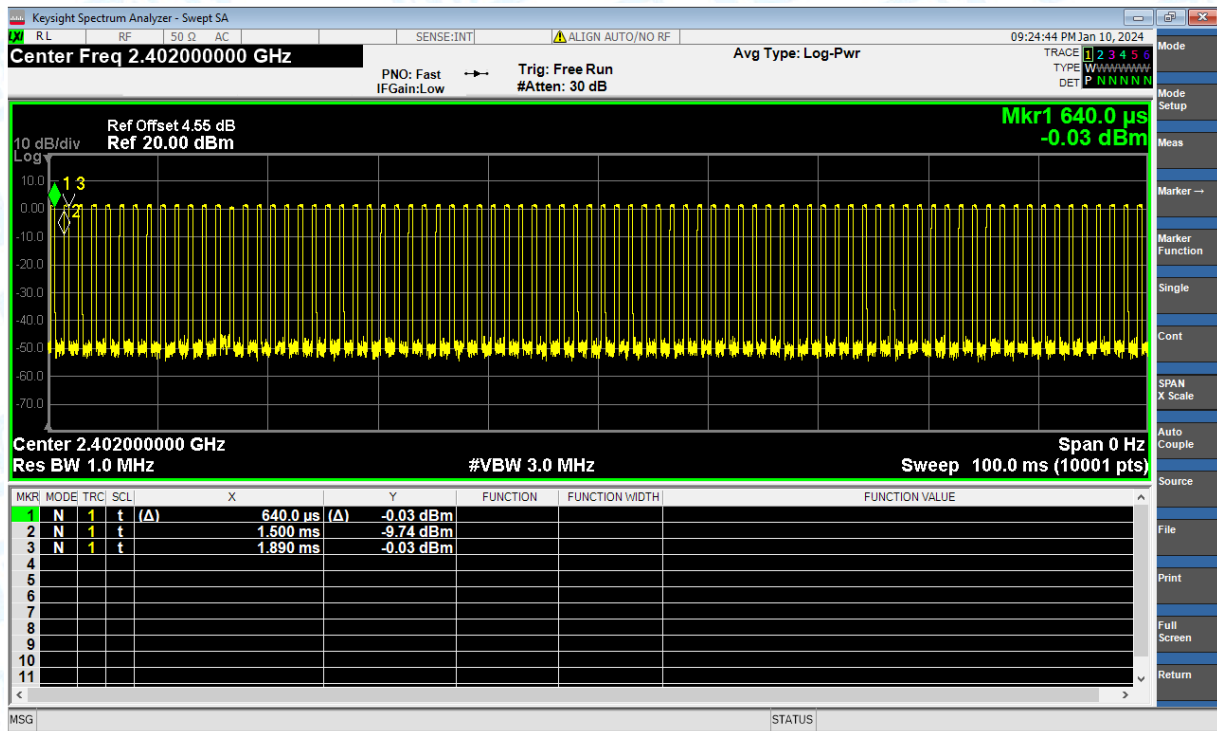
Duty Cycle NVNT 1-DH1 2441MHz Ant1



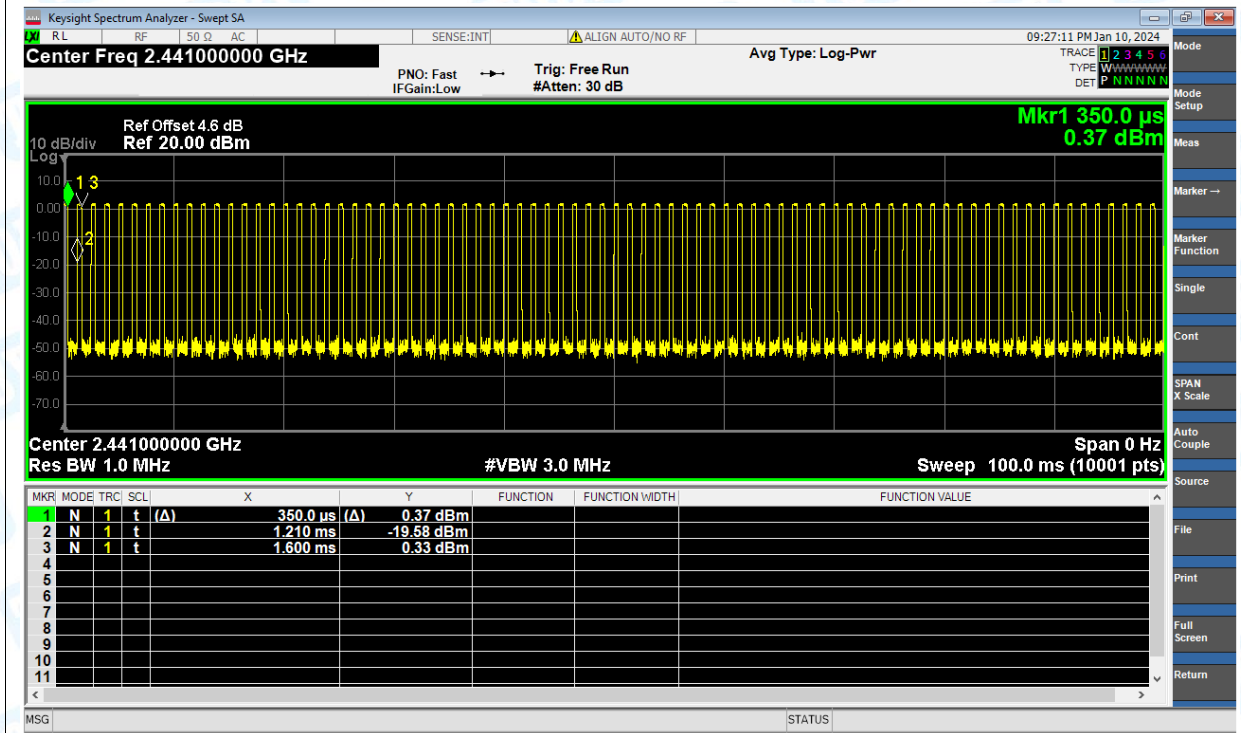
Duty Cycle NVNT 1-DH1 2480MHz Ant1



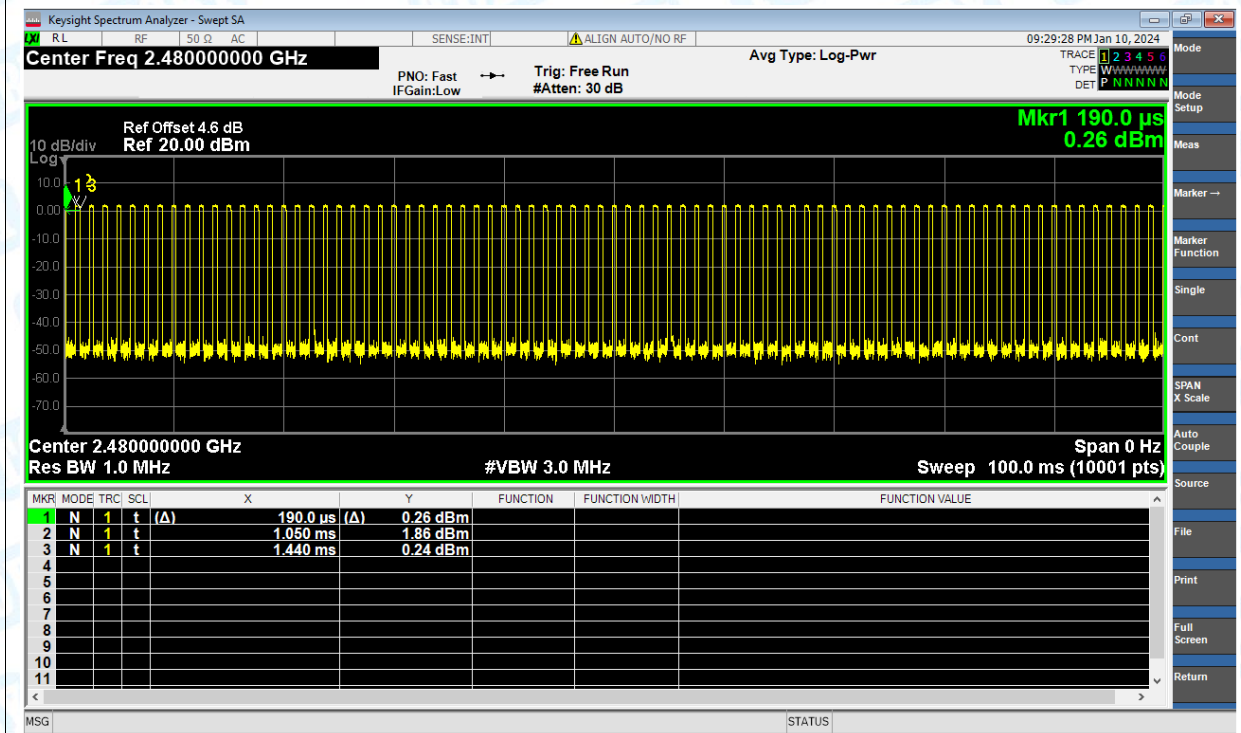
Duty Cycle NVNT 2-DH1 2402MHz Ant1



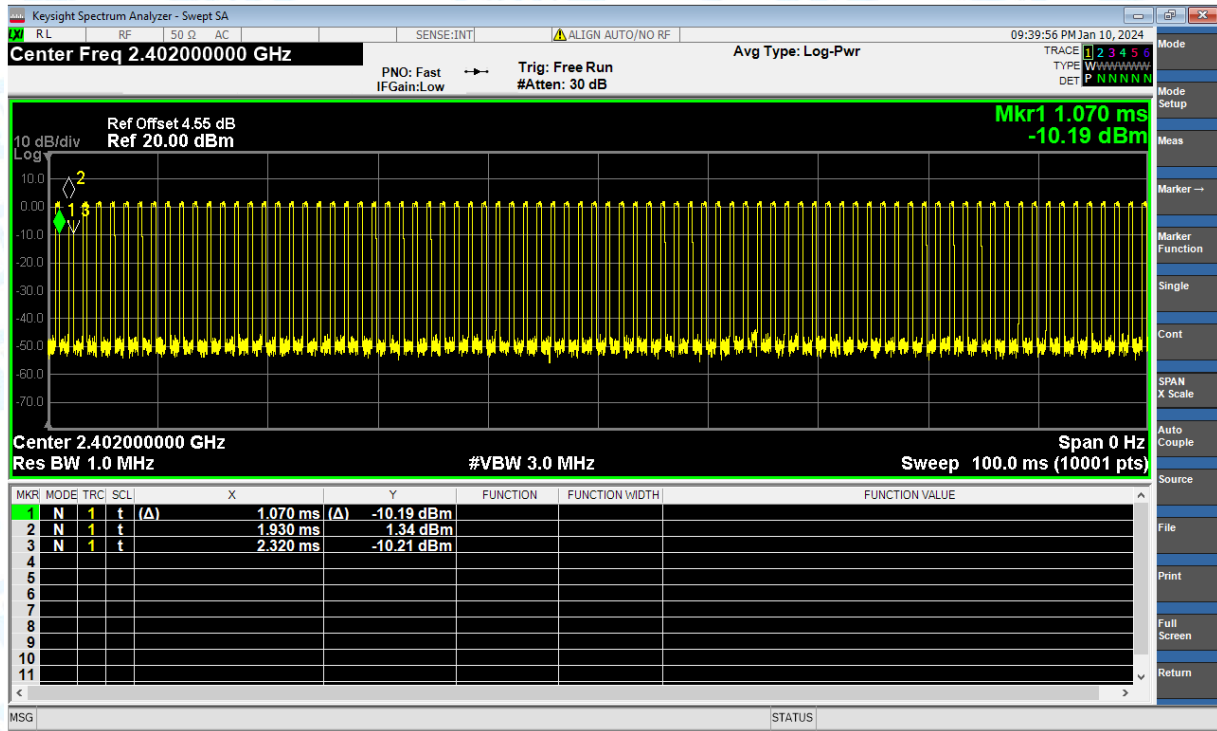
Duty Cycle NVNT 2-DH1 2441MHz Ant1



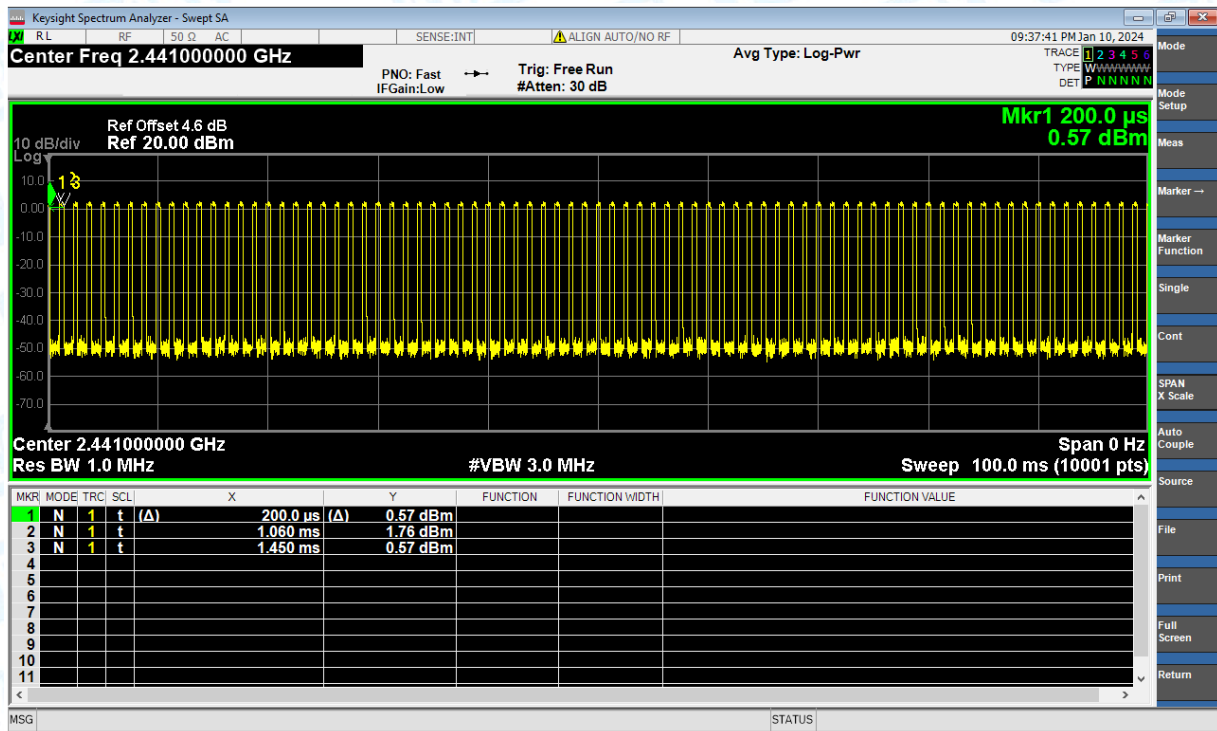
Duty Cycle NVNT 2-DH1 2480MHz Ant1

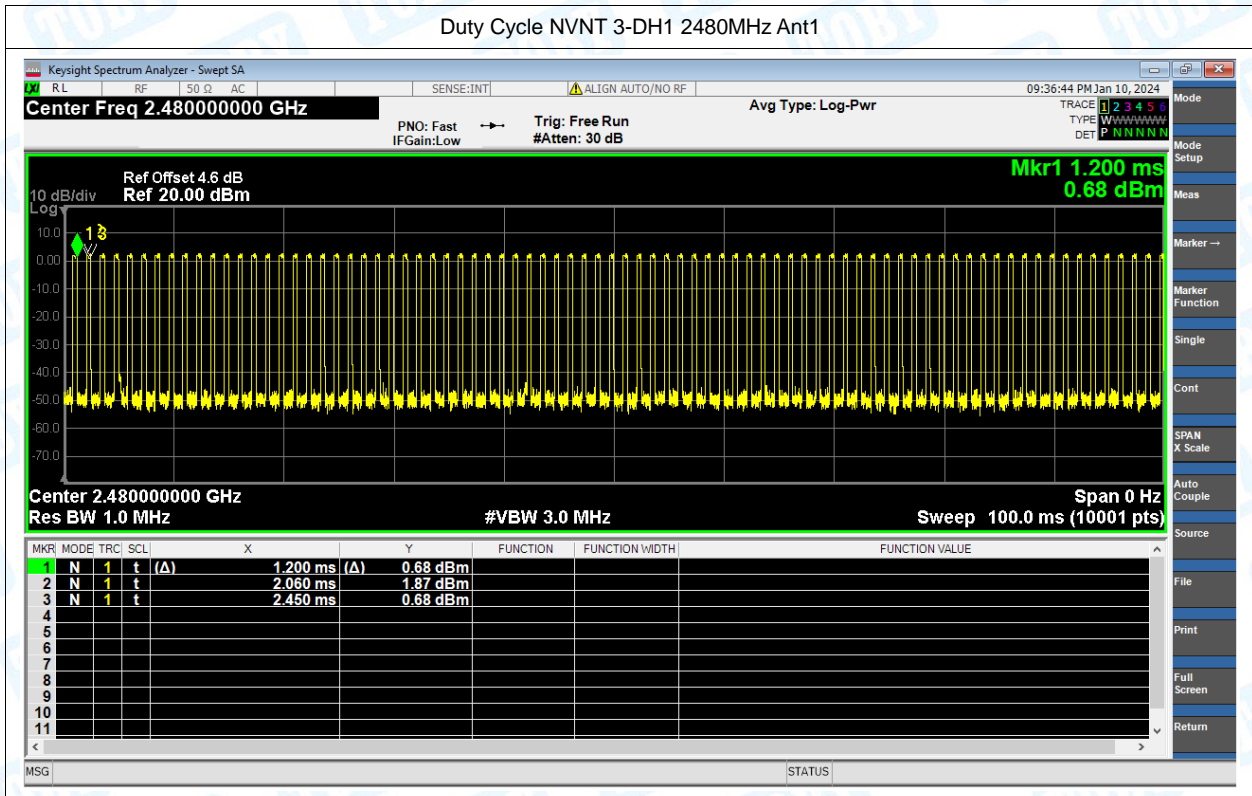


Duty Cycle NVNT 3-DH1 2402MHz Ant1



Duty Cycle NVNT 3-DH1 2441MHz Ant1



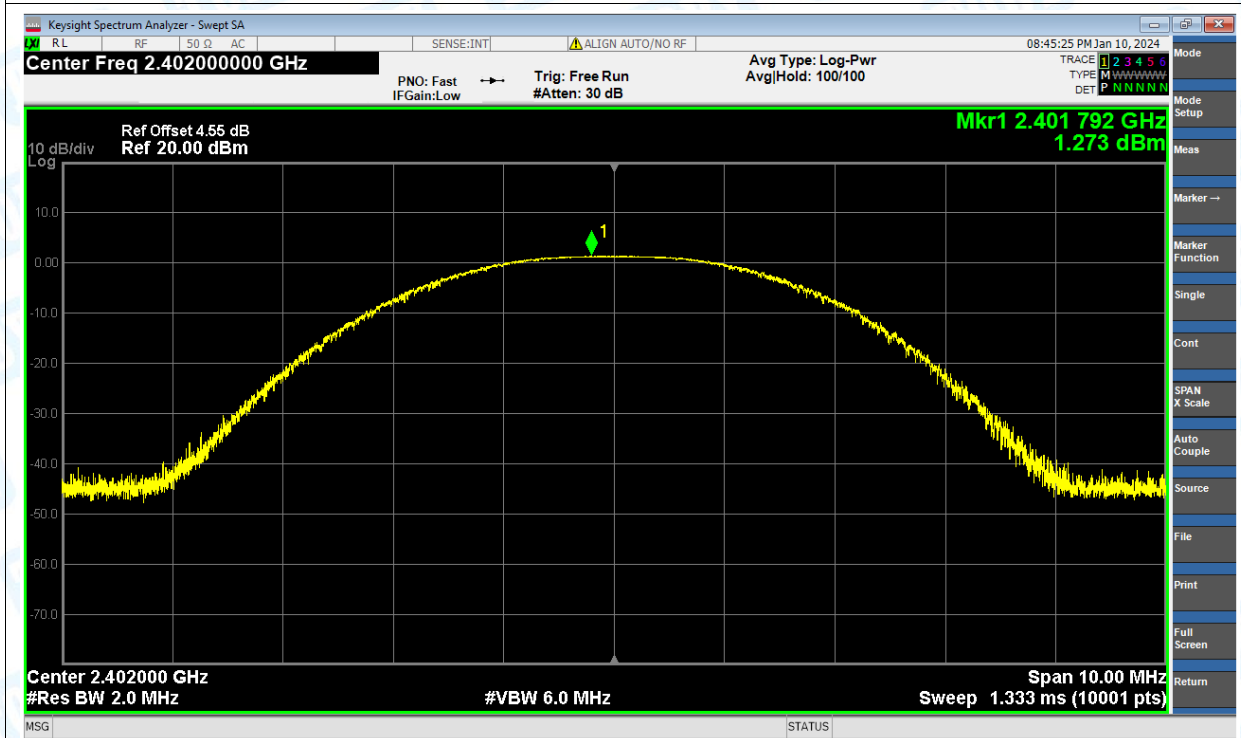


2. Maximum Conducted Output Power

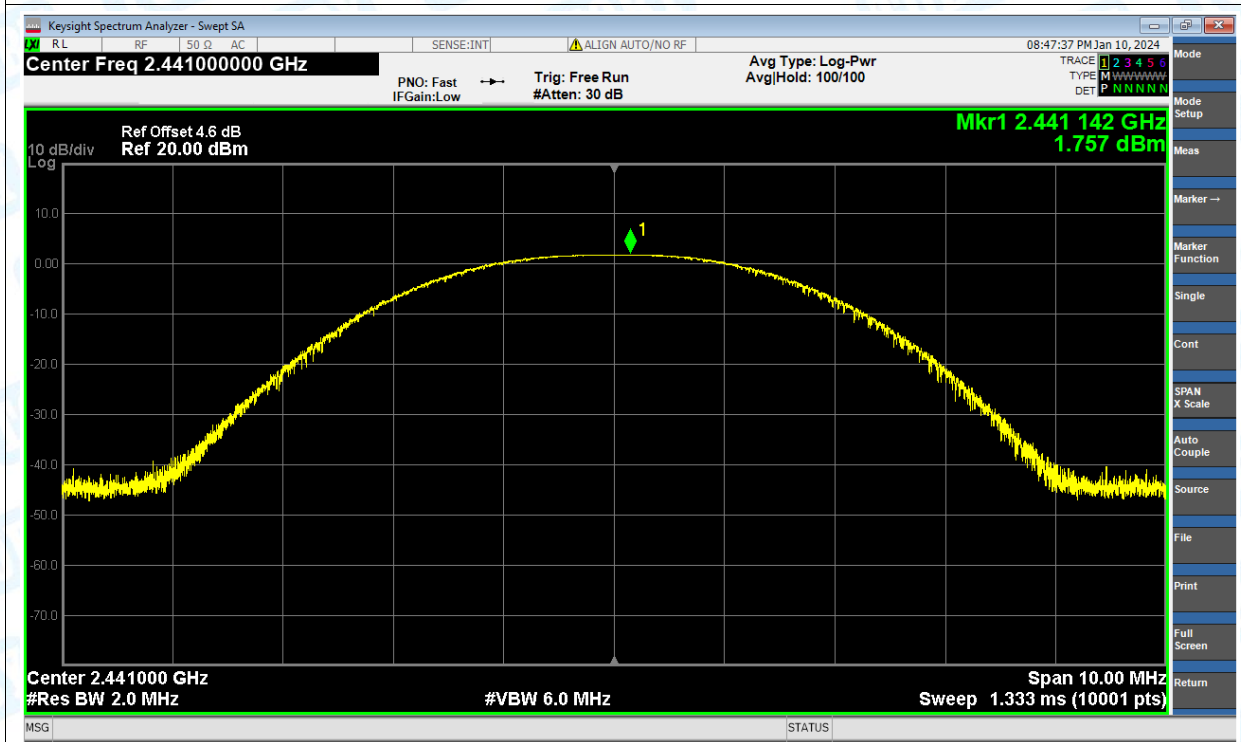
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	1-DH1	2402	Ant1	1.273	21	Pass
NVNT	1-DH1	2441	Ant1	1.757	21	Pass
NVNT	1-DH1	2480	Ant1	1.969	21	Pass
NVNT	2-DH1	2402	Ant1	2.123	21	Pass
NVNT	2-DH1	2441	Ant1	2.589	21	Pass
NVNT	2-DH1	2480	Ant1	2.690	21	Pass
NVNT	3-DH1	2402	Ant1	2.566	21	Pass
NVNT	3-DH1	2441	Ant1	2.963	21	Pass
NVNT	3-DH1	2480	Ant1	3.076	21	Pass

Test Graphs

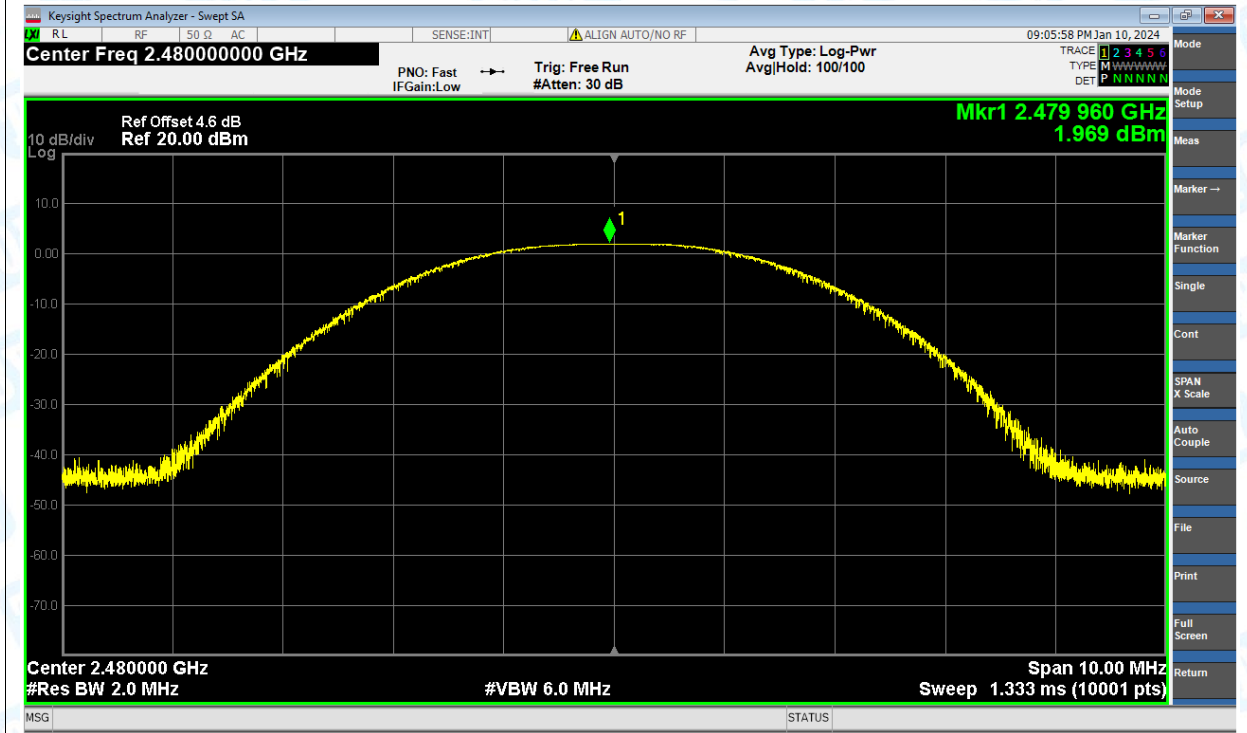
Power NVNT 1-DH1 2402MHz Ant1



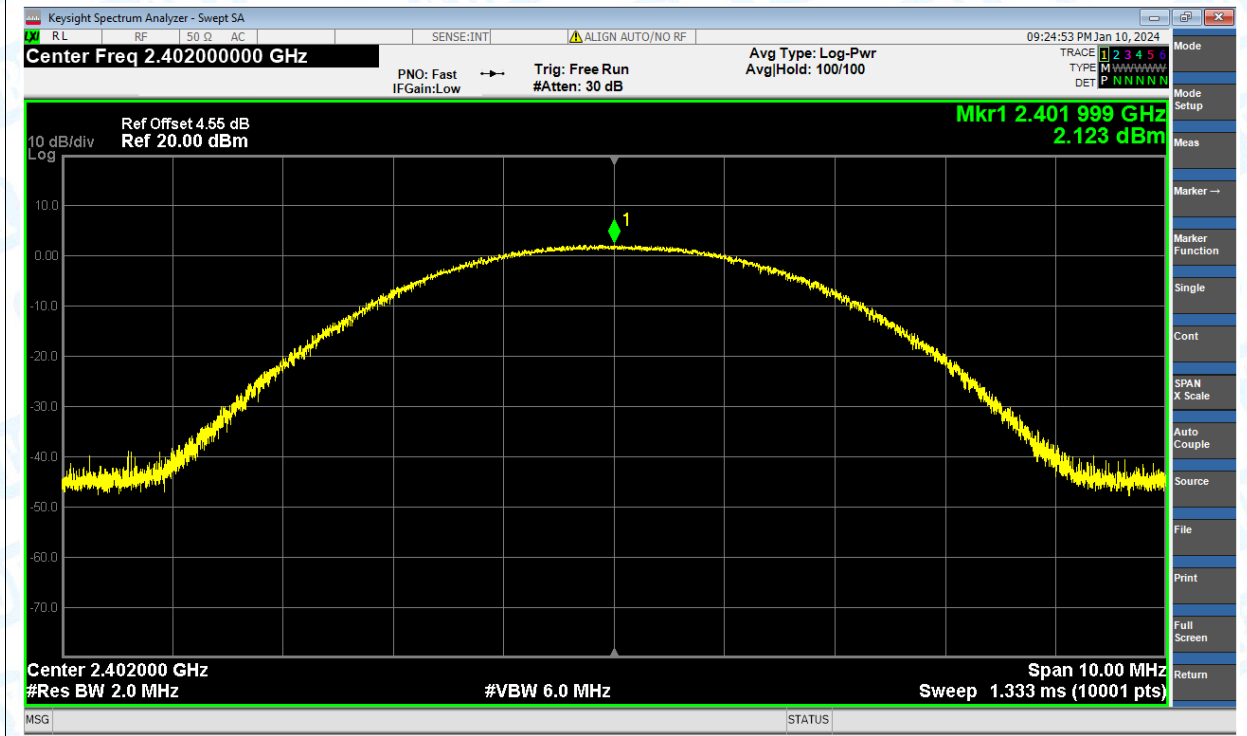
Power NVNT 1-DH1 2441MHz Ant1



Power NVNT 1-DH1 2480MHz Ant1



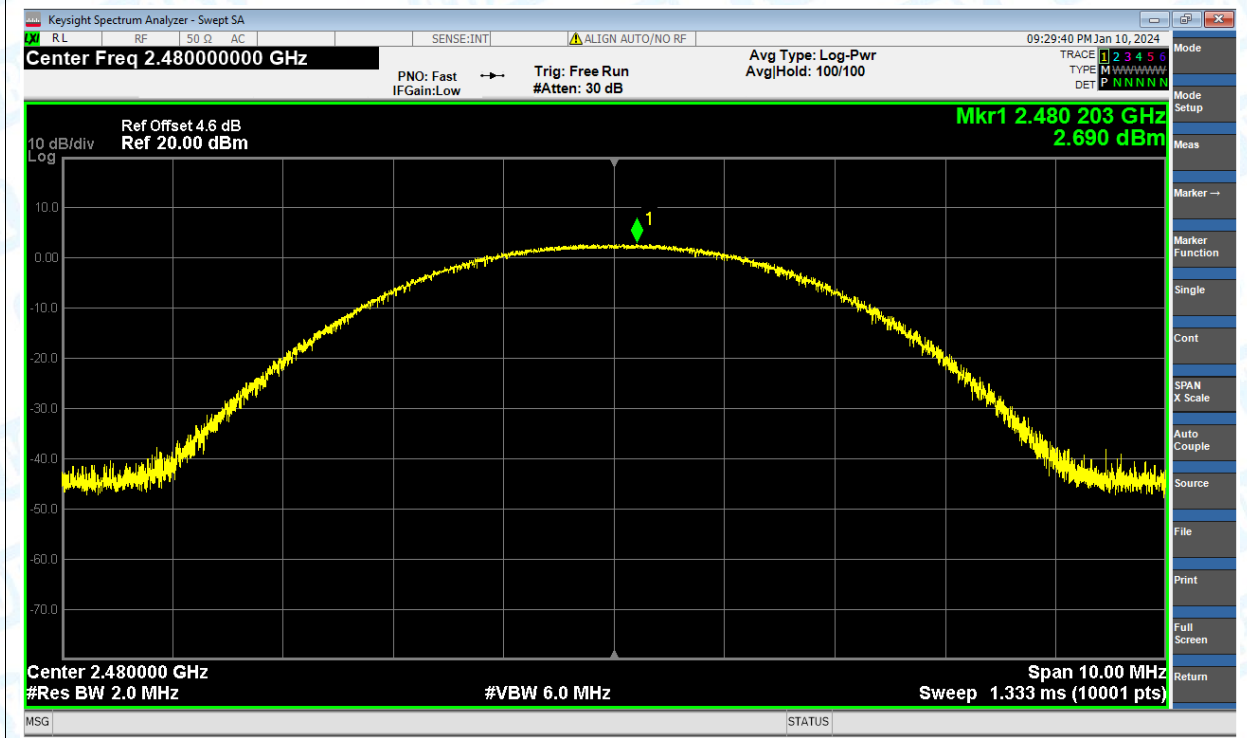
Power NVNT 2-DH1 2402MHz Ant1



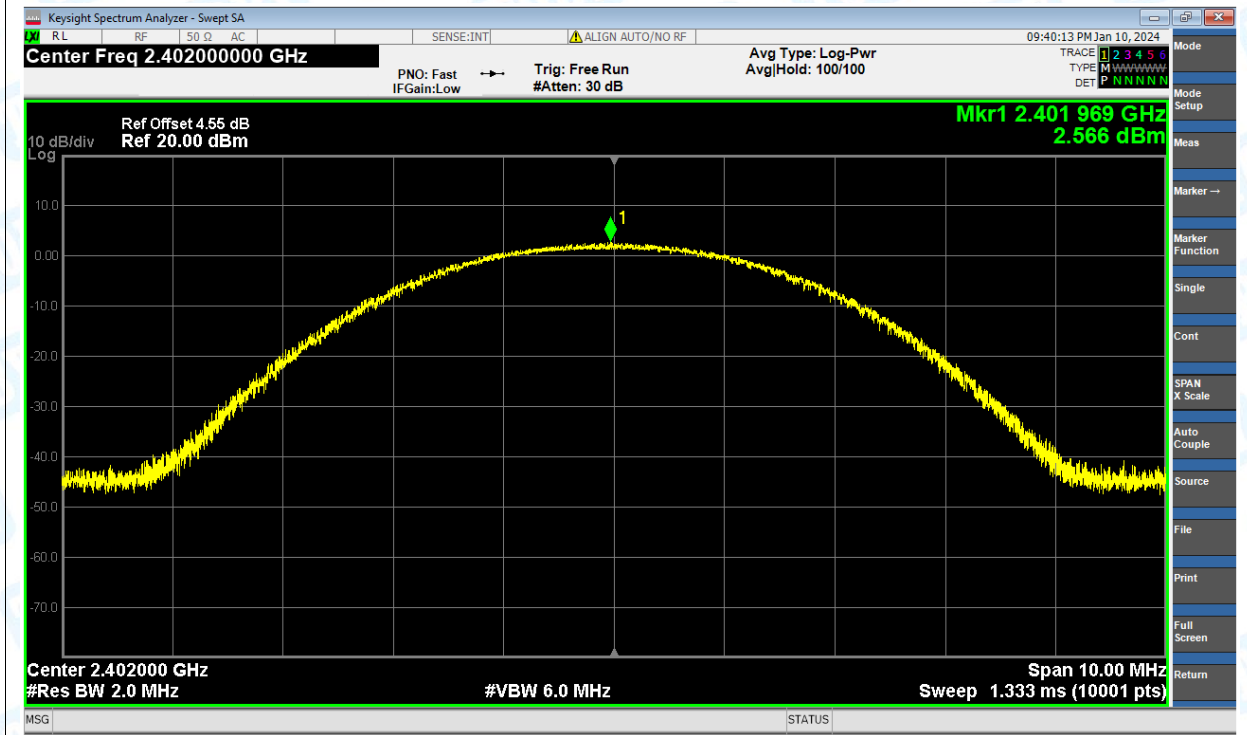
Power NVNT 2-DH1 2441MHz Ant1



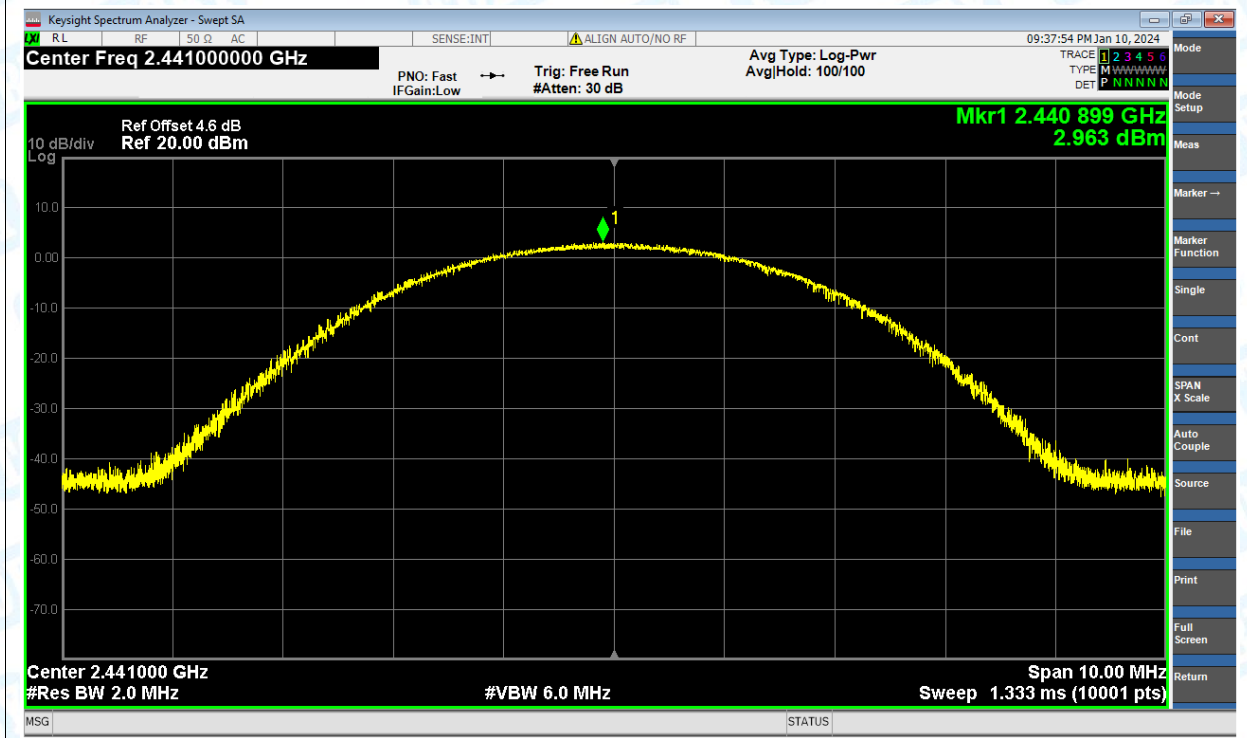
Power NVNT 2-DH1 2480MHz Ant1

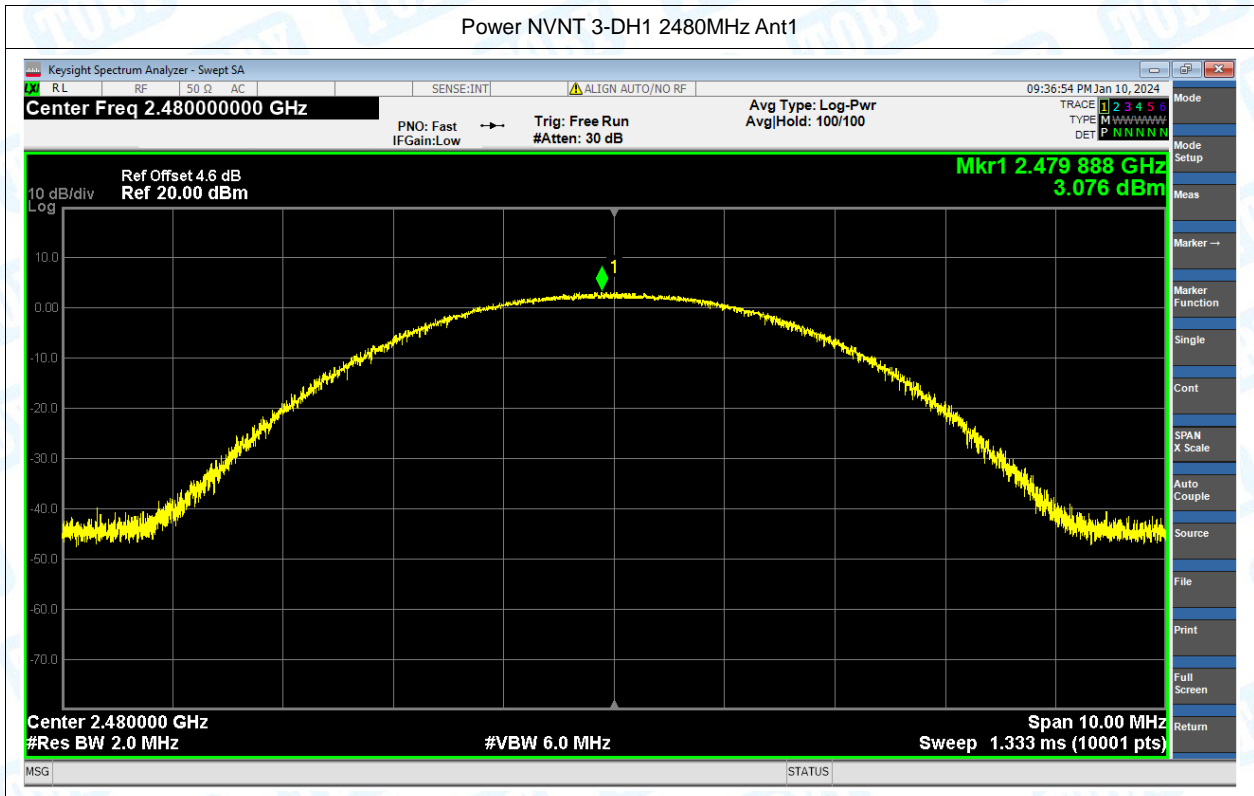


Power NVNT 3-DH1 2402MHz Ant1



Power NVNT 3-DH1 2441MHz Ant1



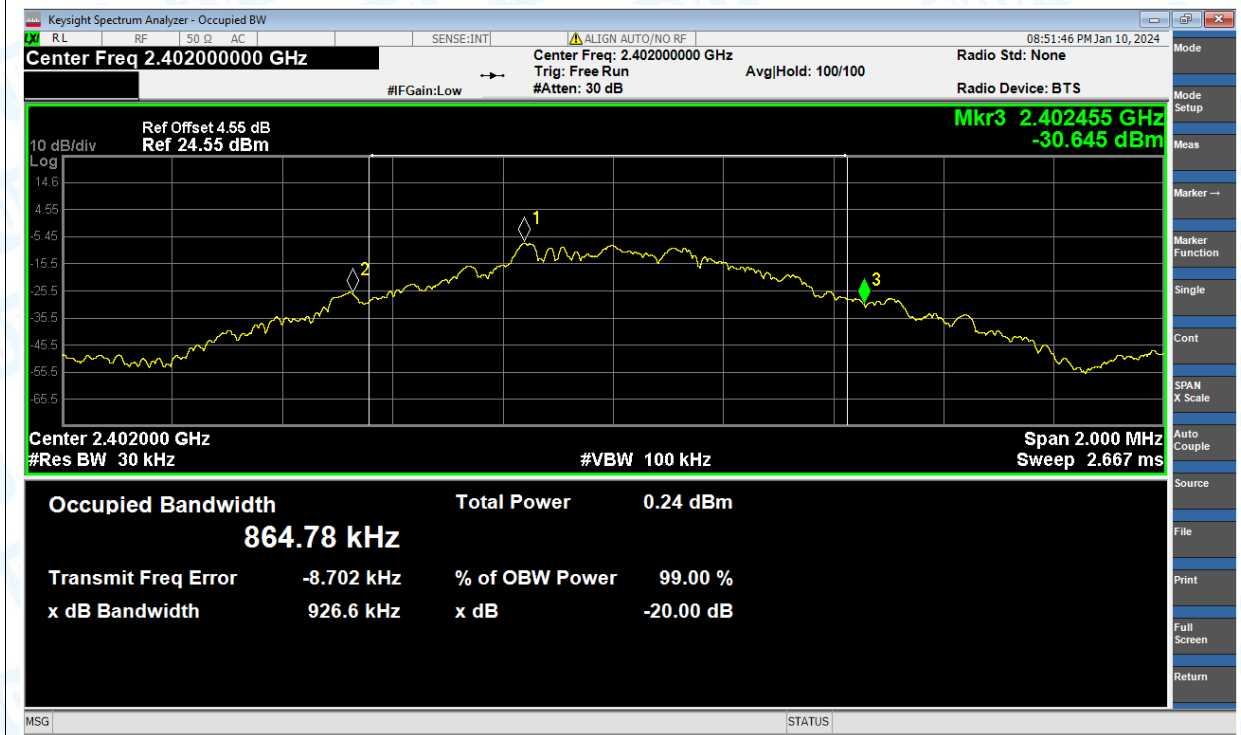


3. -20dB Bandwidth

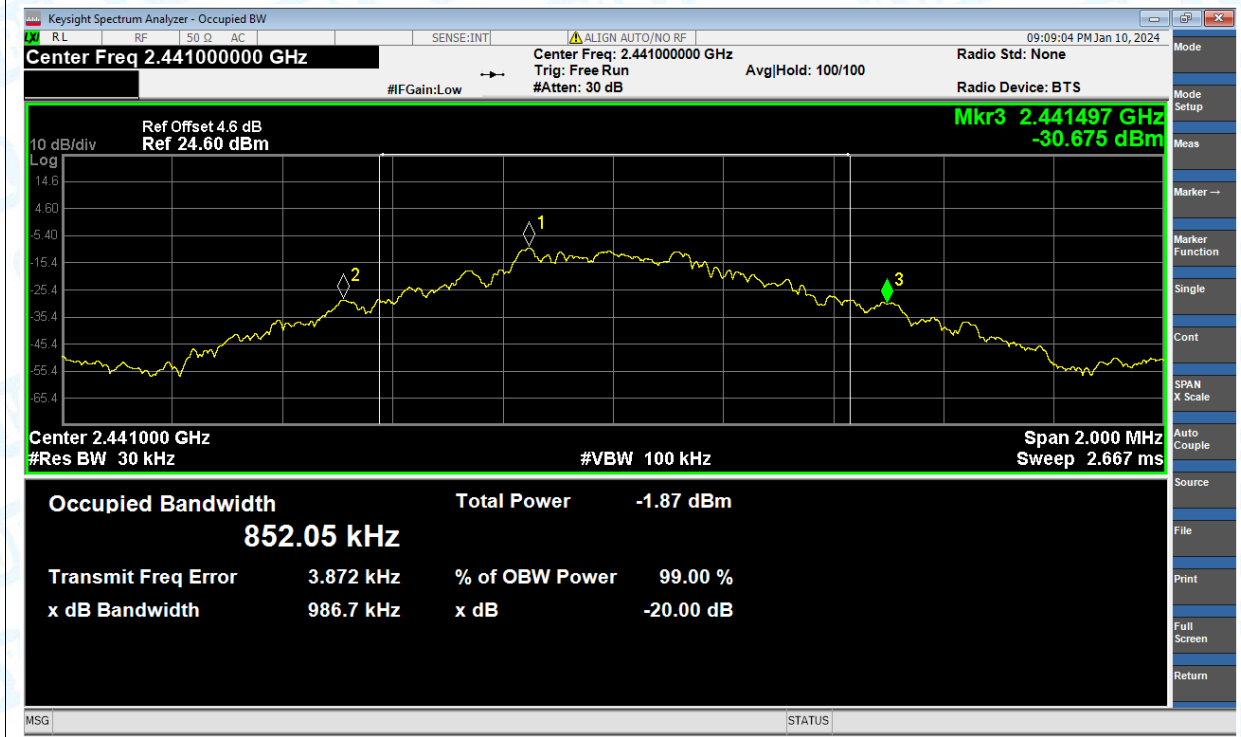
Condition	Mode	Frequency (MHz)	Antenna	-20 dB Bandwidth (MHz)	Limit -20 dB Bandwidth (MHz)	Verdict
NVNT	1-DH1	2402	Ant1	0.93	----	Pass
NVNT	1-DH1	2441	Ant1	0.99	----	Pass
NVNT	1-DH1	2480	Ant1	1.01	----	Pass
NVNT	2-DH1	2402	Ant1	1.29	----	Pass
NVNT	2-DH1	2441	Ant1	1.31	----	Pass
NVNT	2-DH1	2480	Ant1	1.30	----	Pass
NVNT	3-DH1	2402	Ant1	1.28	----	Pass
NVNT	3-DH1	2441	Ant1	1.26	----	Pass
NVNT	3-DH1	2480	Ant1	1.26	----	Pass

Test Graphs

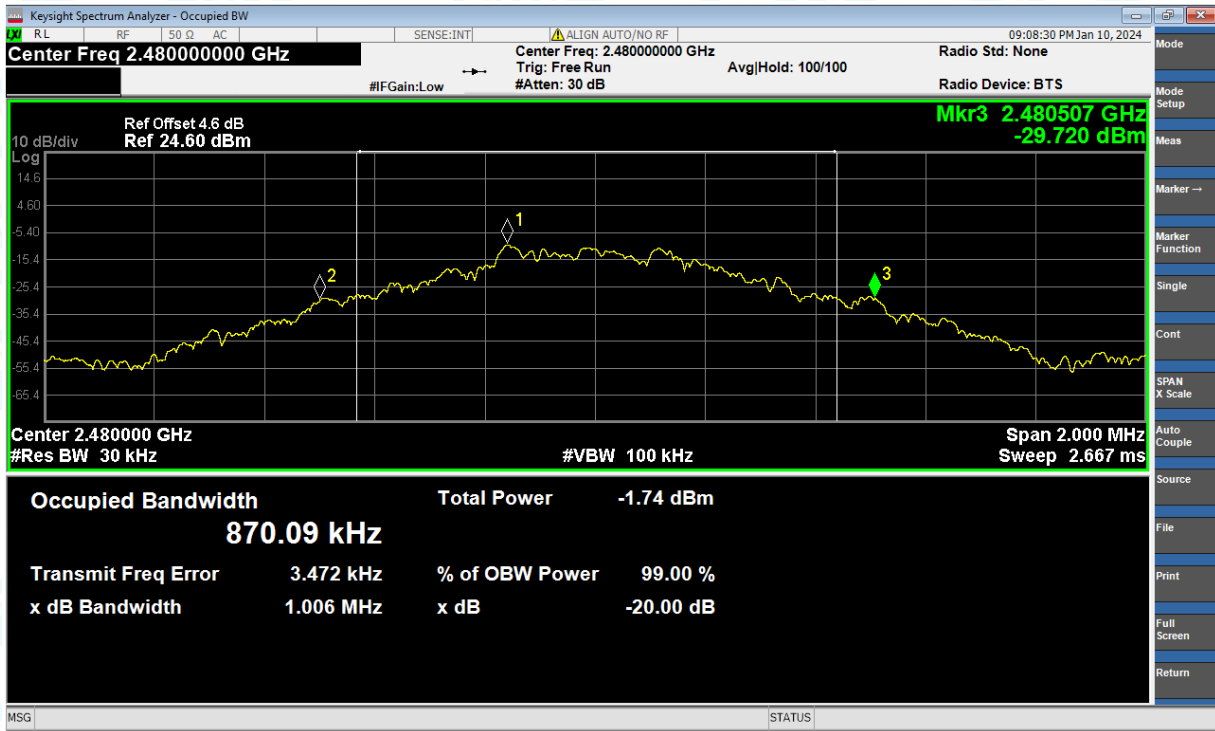
-20dB Bandwidth NVNT 1-DH1 2402MHz Ant1



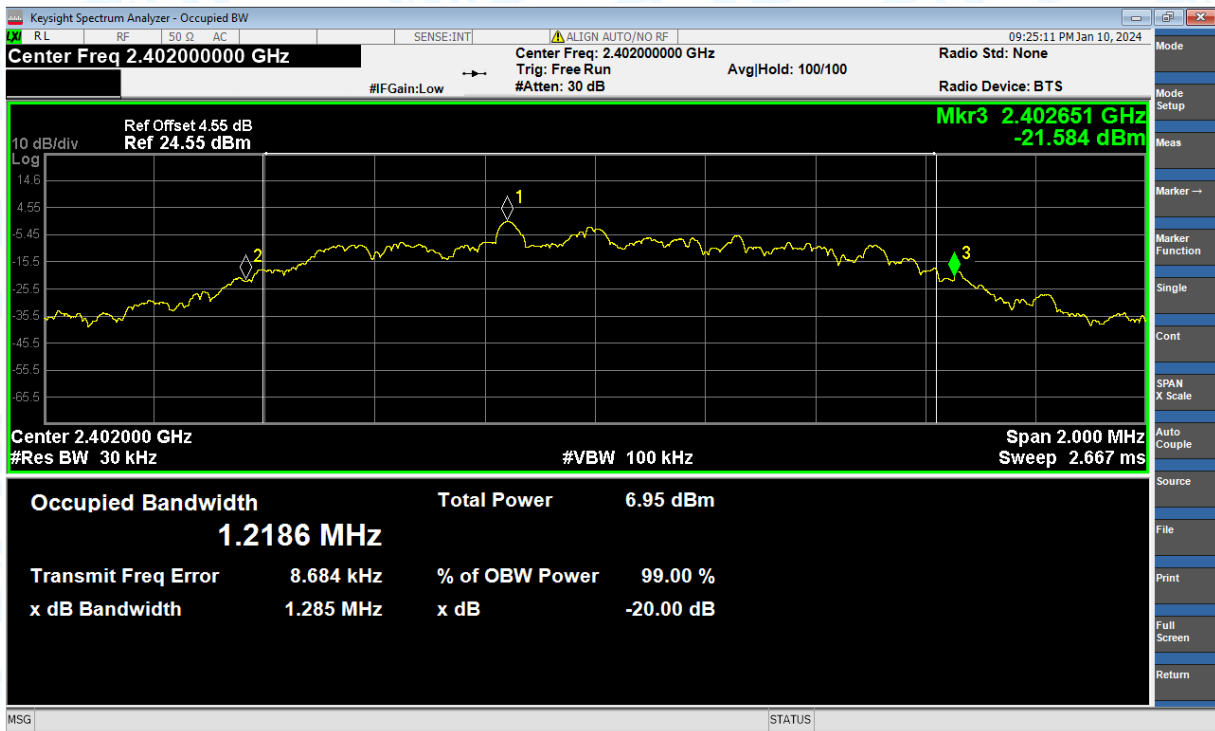
-20dB Bandwidth NVNT 1-DH1 2441MHz Ant1



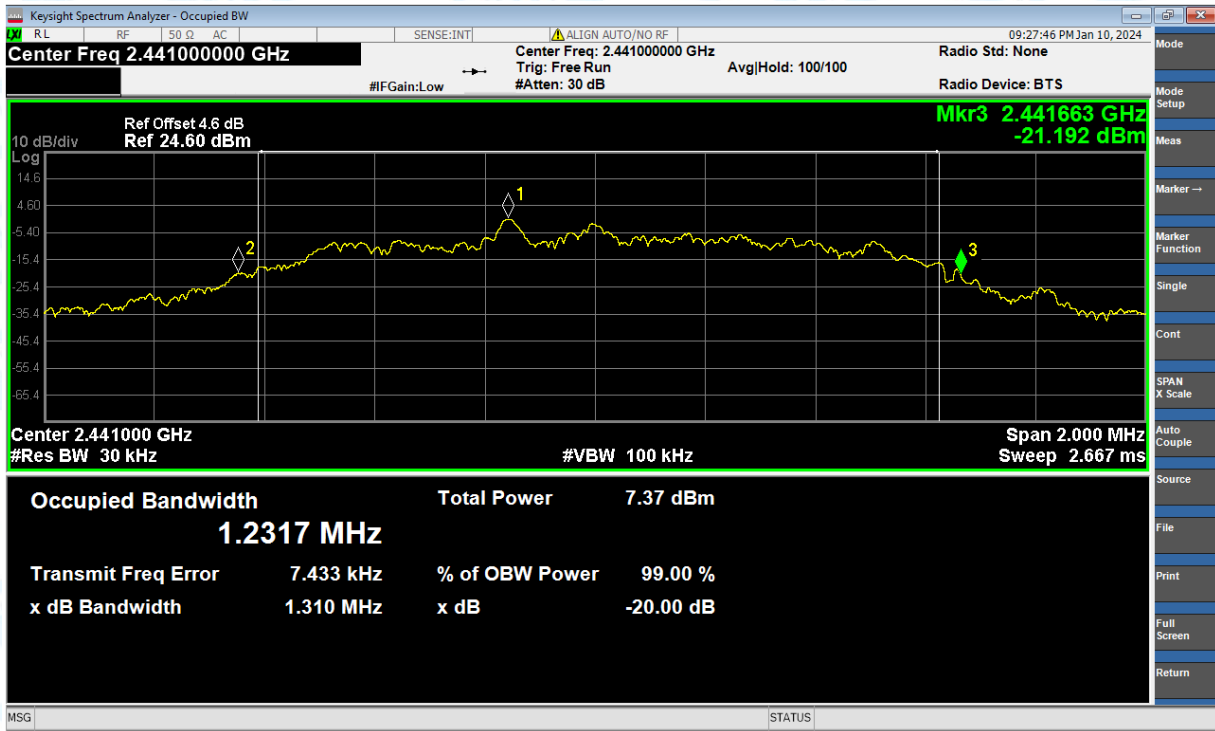
-20dB Bandwidth NVNT 1-DH1 2480MHz Ant1



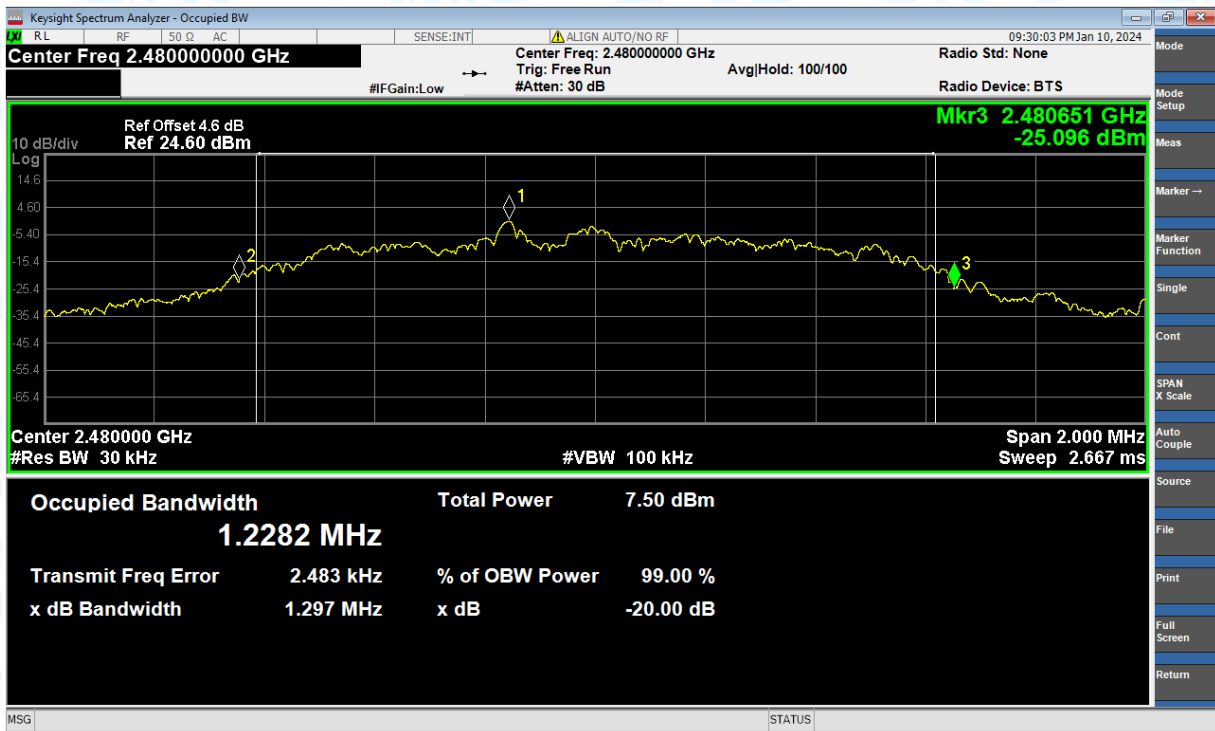
-20dB Bandwidth NVNT 2-DH1 2402MHz Ant1



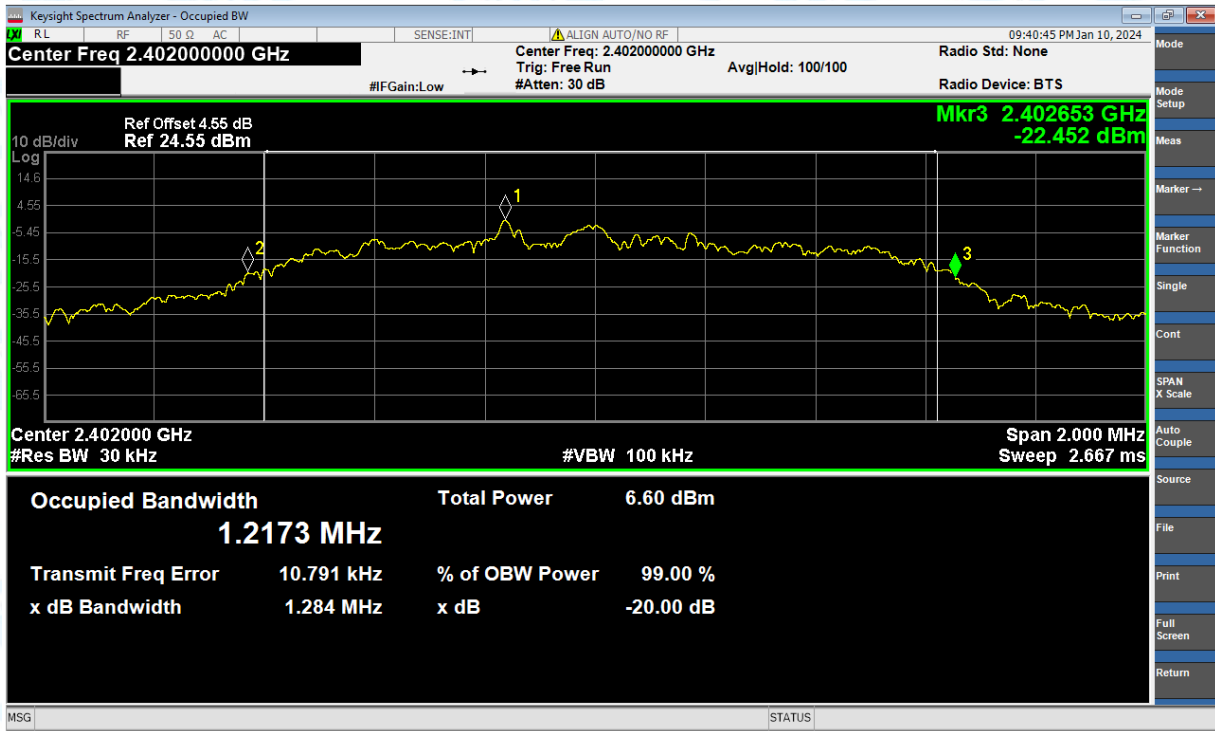
-20dB Bandwidth NVNT 2-DH1 2441MHz Ant1



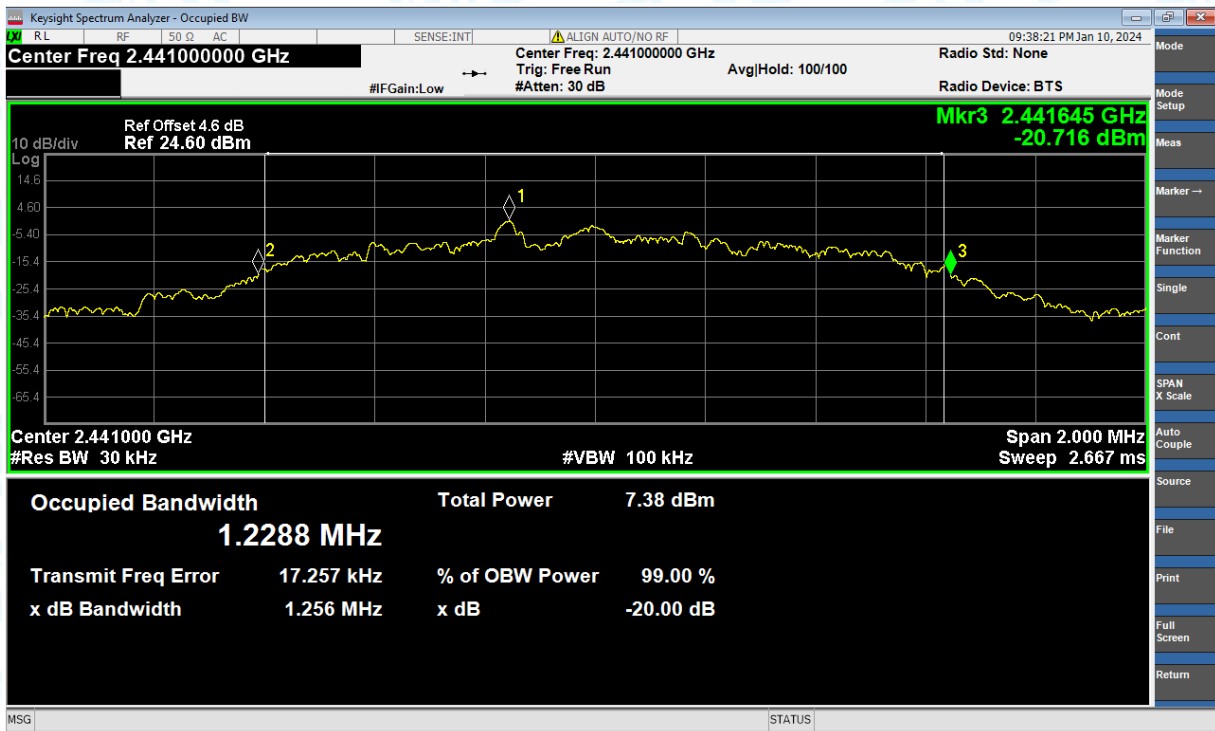
-20dB Bandwidth NVNT 2-DH1 2480MHz Ant1

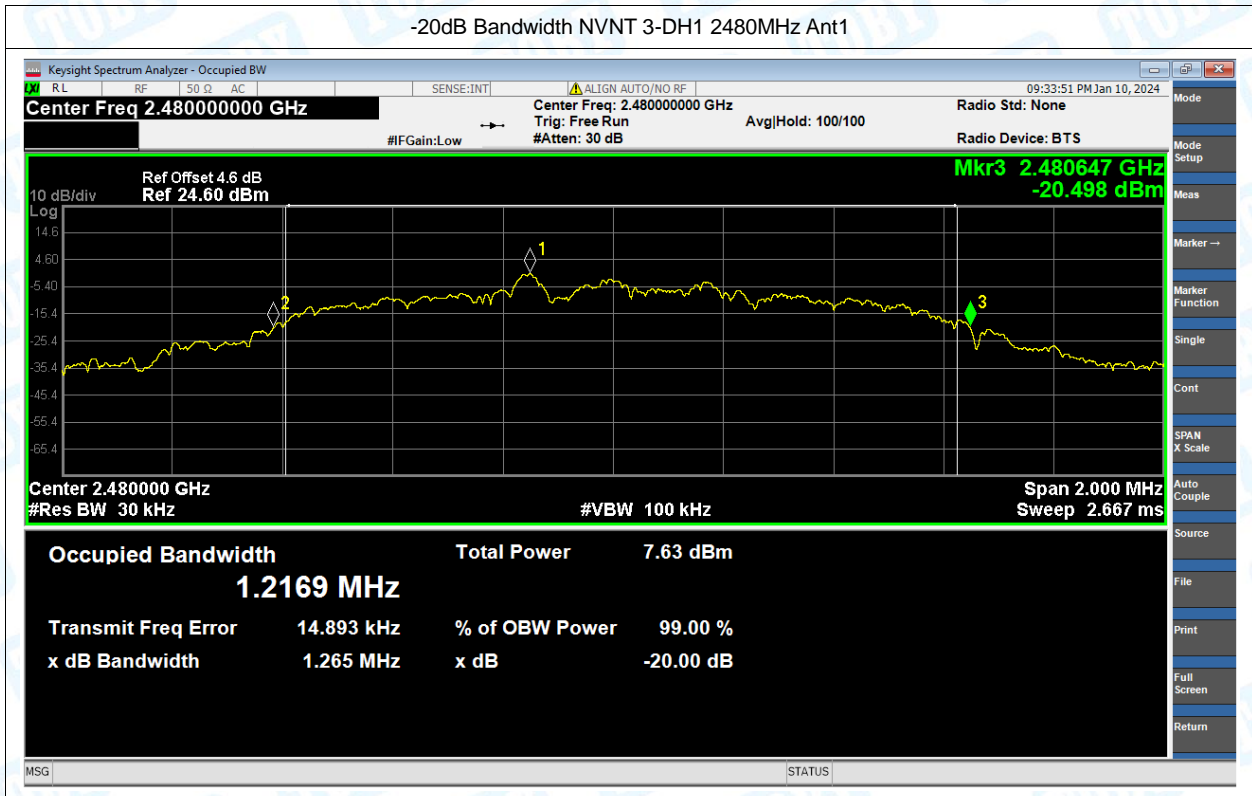


-20dB Bandwidth NVNT 3-DH1 2402MHz Ant1



-20dB Bandwidth NVNT 3-DH1 2441MHz Ant1



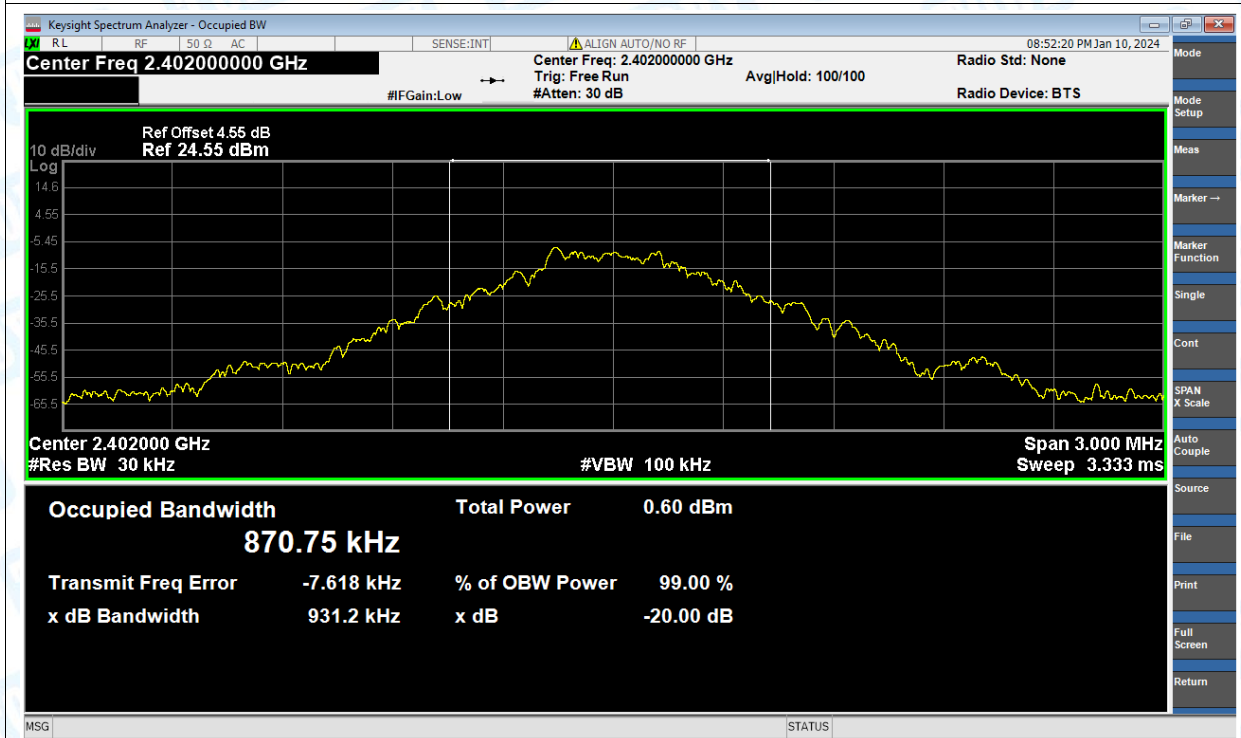


4. Occupied Channel Bandwidth

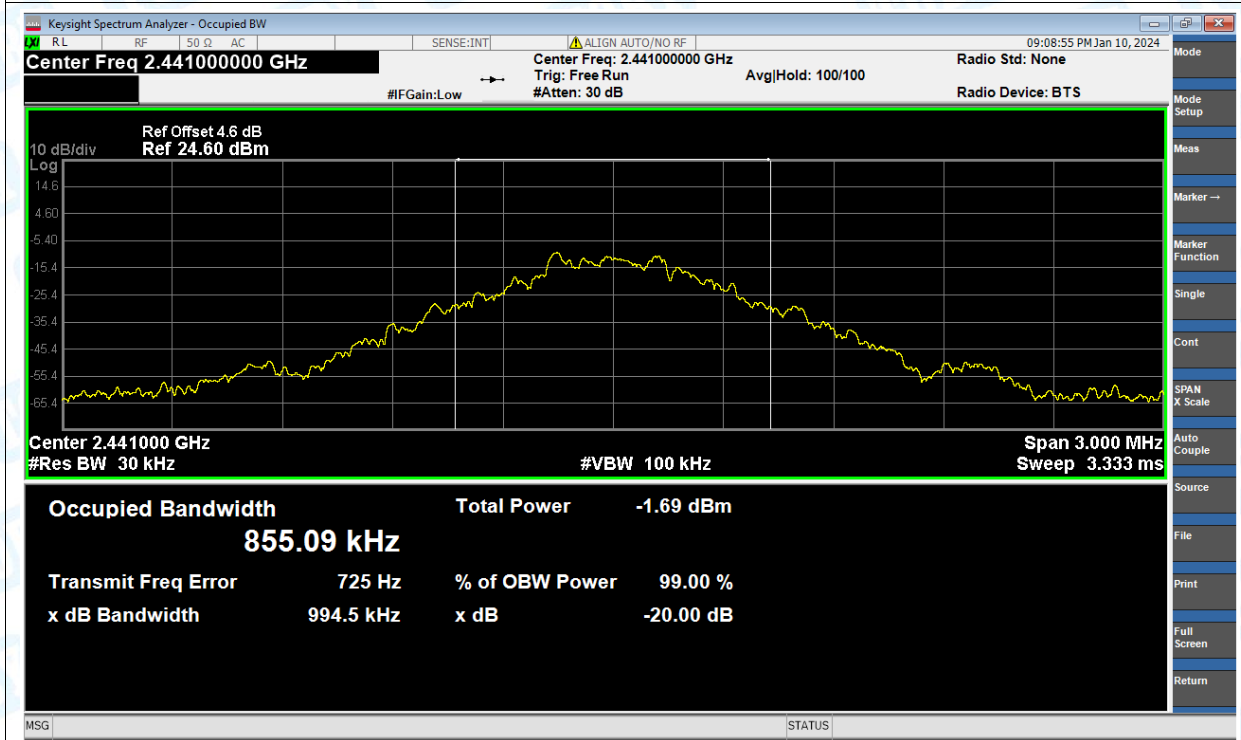
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	1-DH1	2402	Ant1	0.871
NVNT	1-DH1	2441	Ant1	0.855
NVNT	1-DH1	2480	Ant1	0.862
NVNT	2-DH1	2402	Ant1	1.251
NVNT	2-DH1	2441	Ant1	1.251
NVNT	2-DH1	2480	Ant1	1.244
NVNT	3-DH1	2402	Ant1	1.209
NVNT	3-DH1	2441	Ant1	1.237
NVNT	3-DH1	2480	Ant1	1.239

Test Graphs

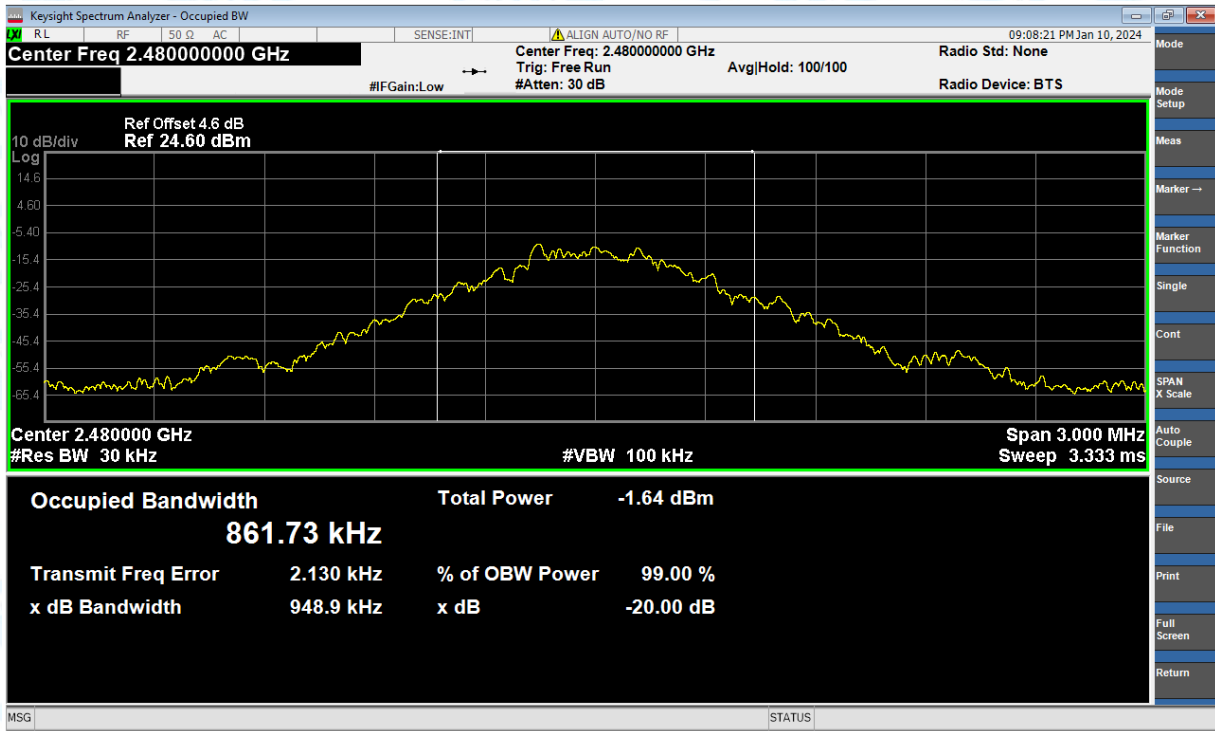
OBW NVNT 1-DH1 2402MHz Ant1



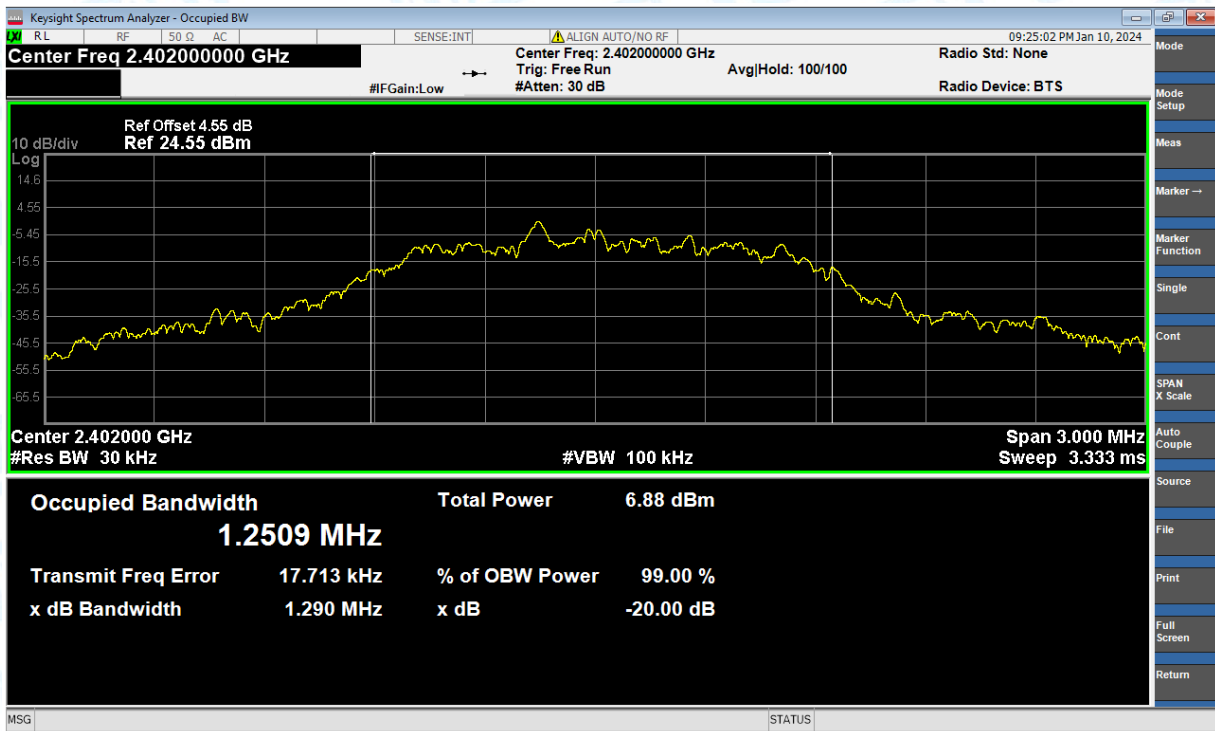
OBW NVNT 1-DH1 2441MHz Ant1



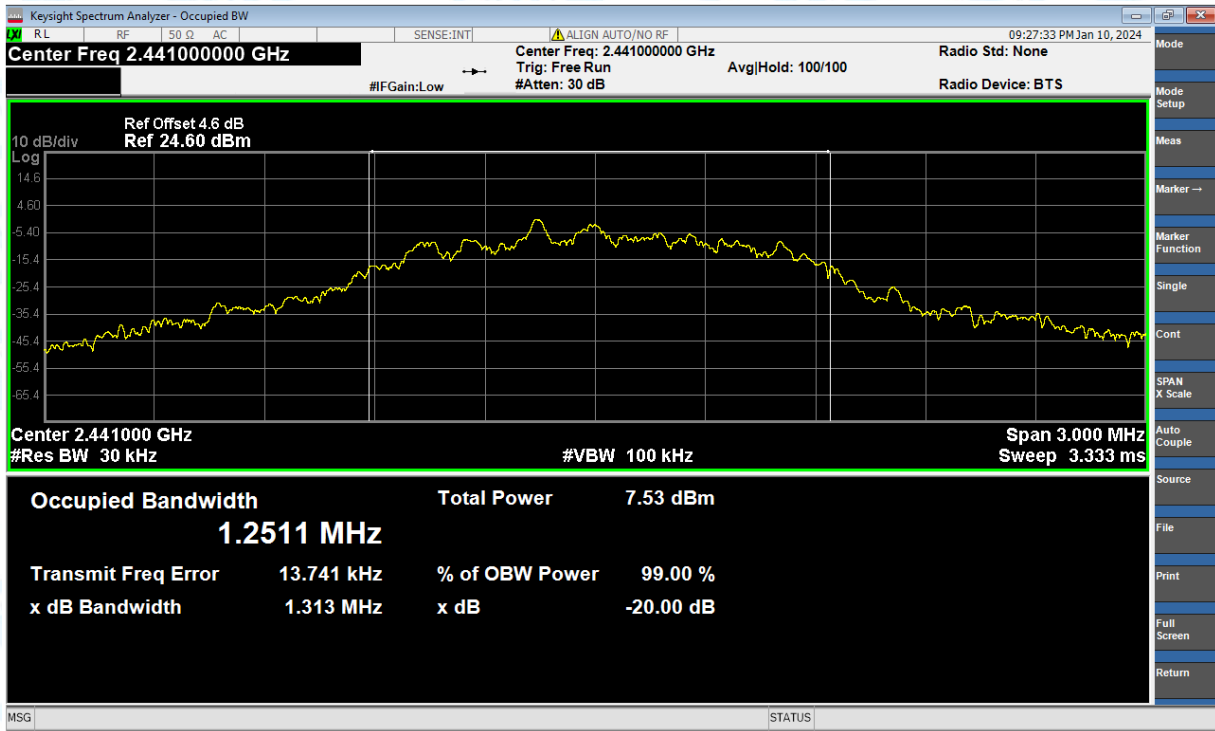
OBW NVNT 1-DH1 2480MHz Ant1



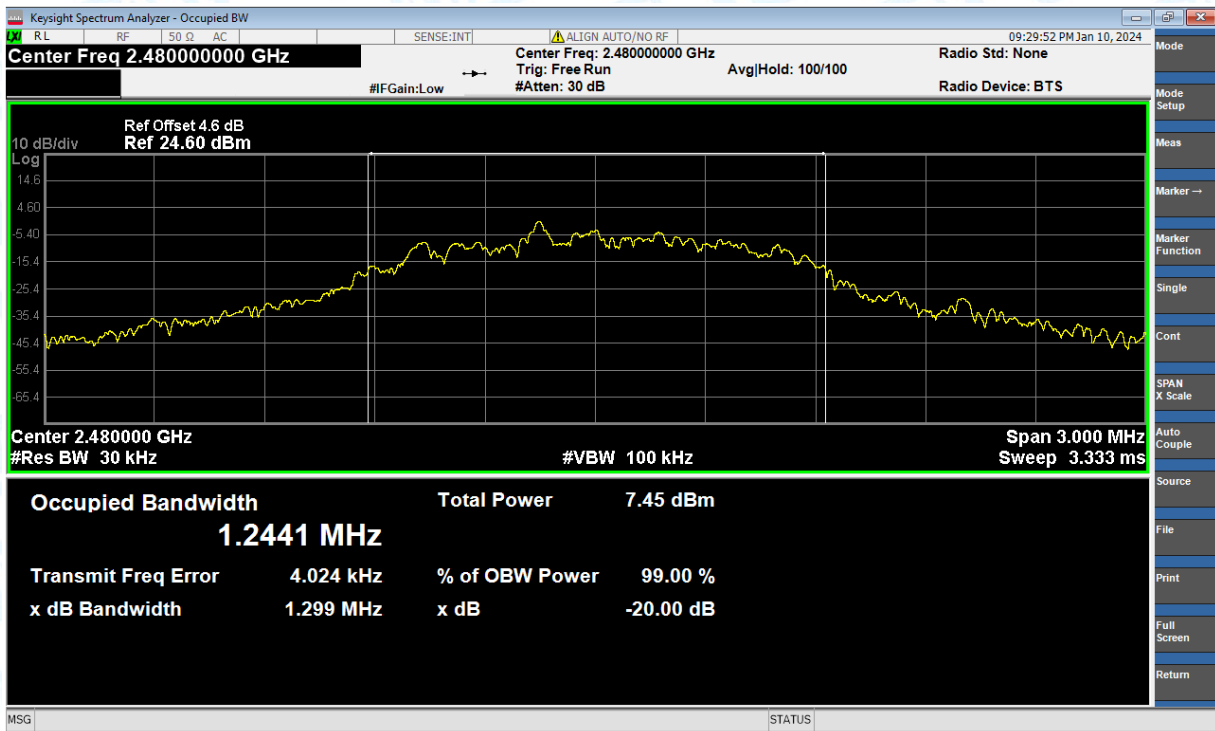
OBW NVNT 2-DH1 2402MHz Ant1



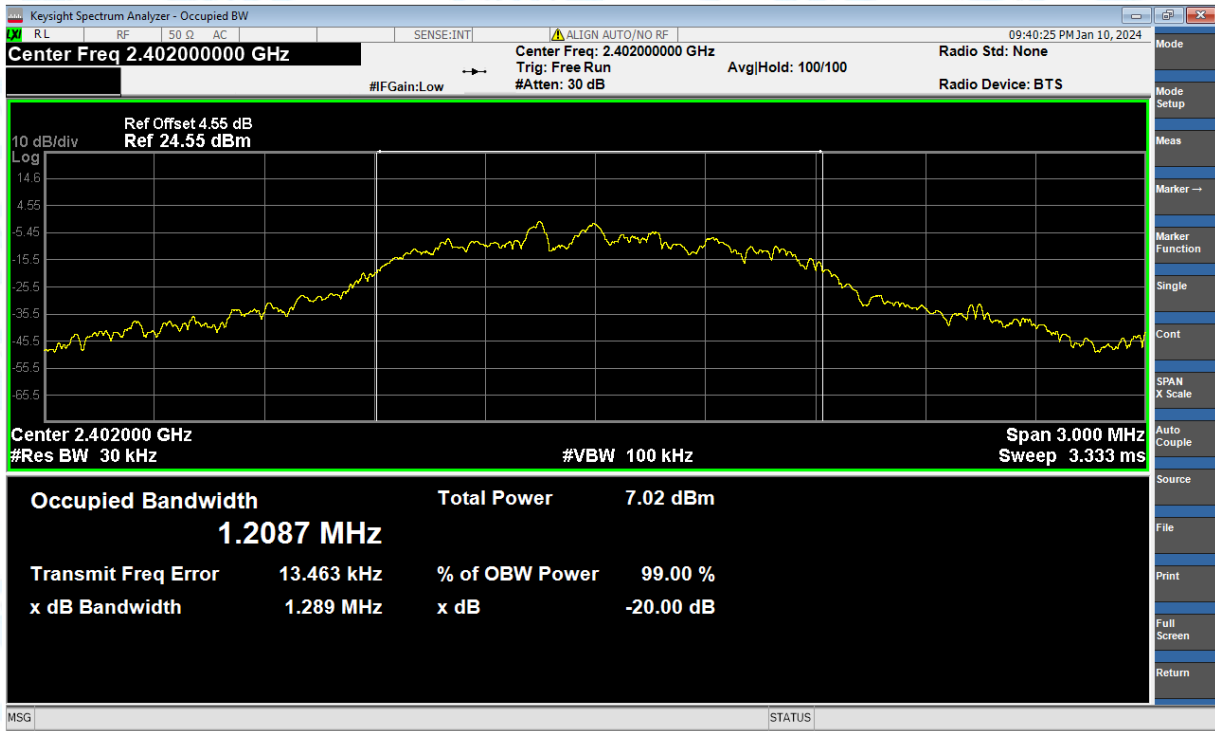
OBW NVNT 2-DH1 2441MHz Ant1



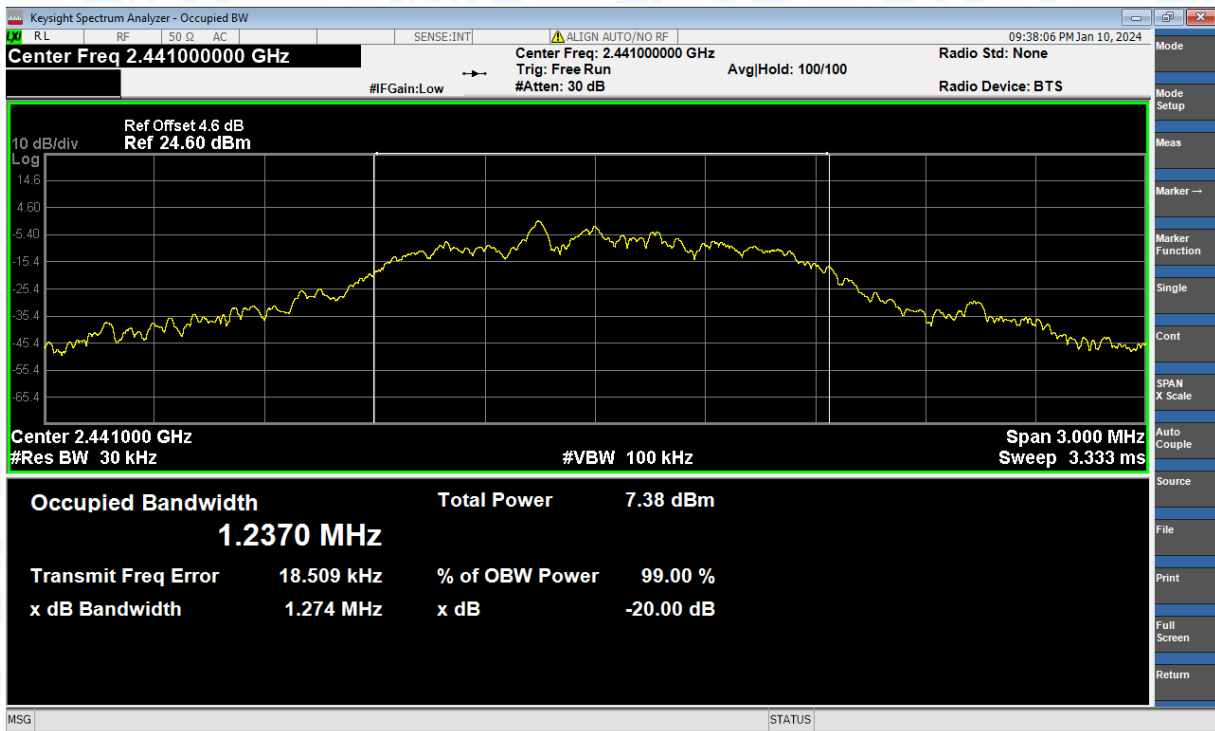
OBW NVNT 2-DH1 2480MHz Ant1



OBW NVNT 3-DH1 2402MHz Ant1



OBW NVNT 3-DH1 2441MHz Ant1



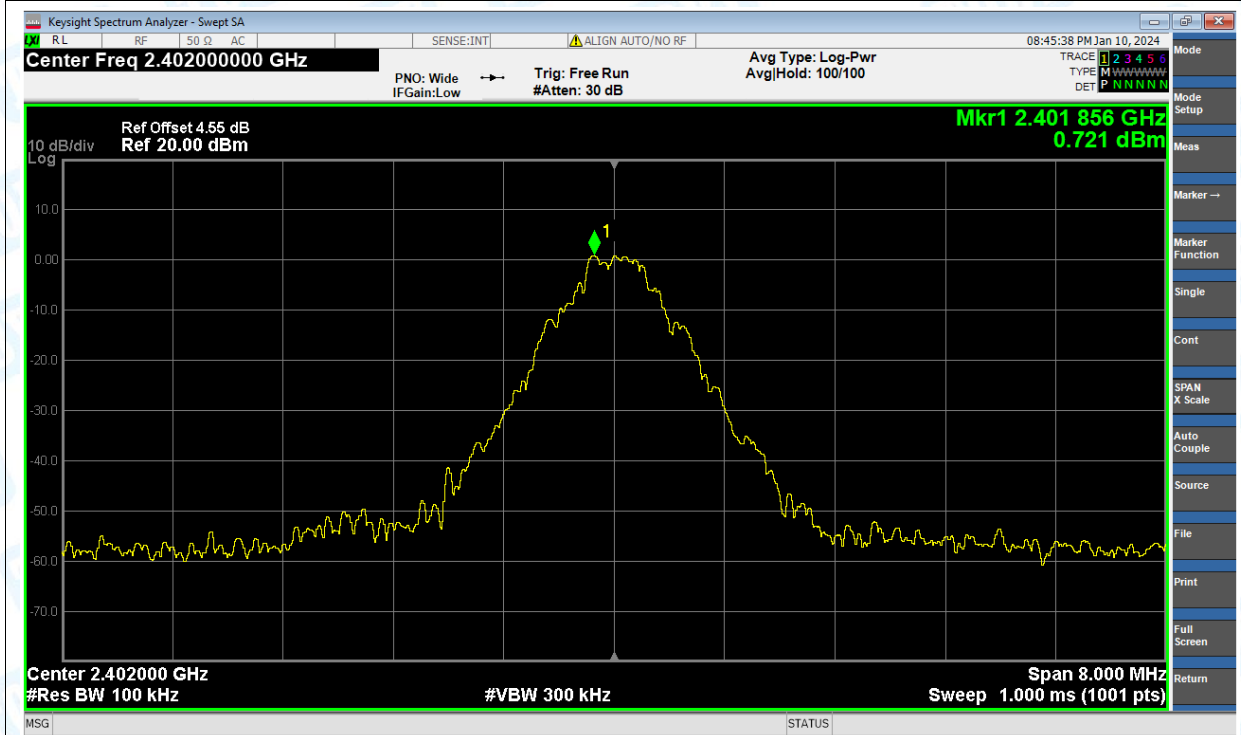


5. Band Edge

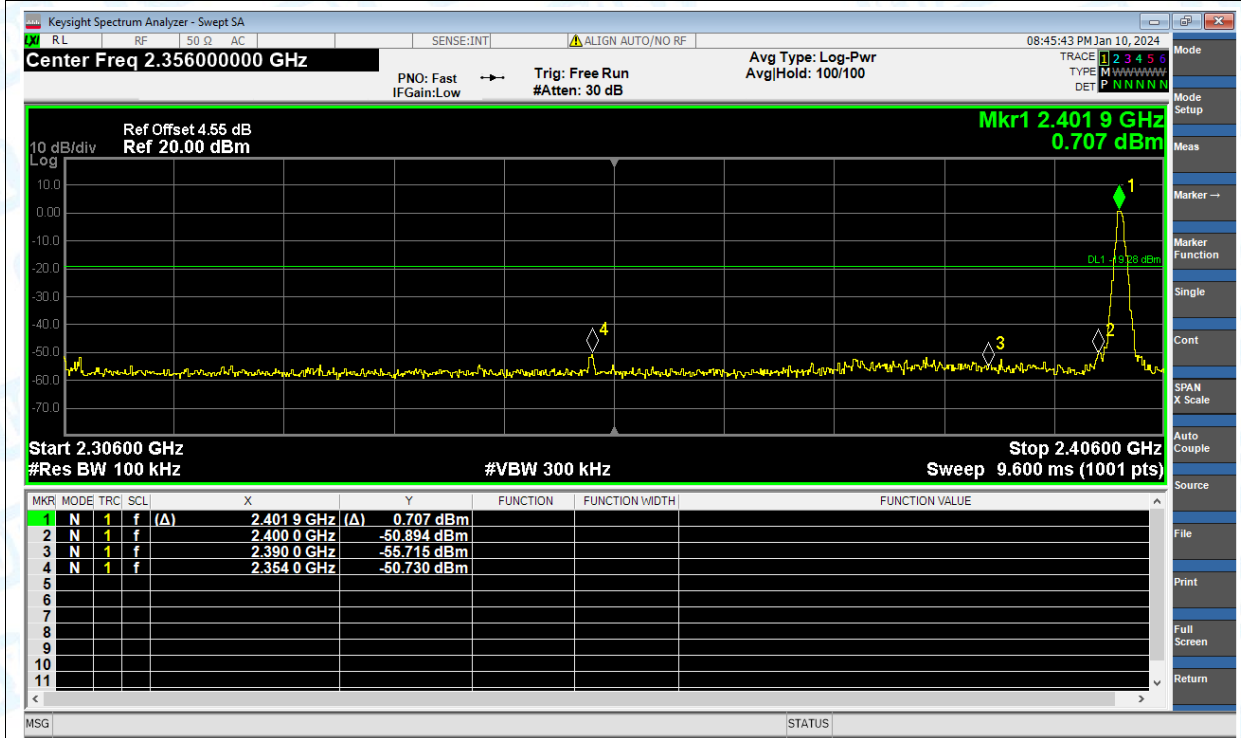
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH1	2402	Ant1	No-Hopping	-51.45	-20	Pass
NVNT	1-DH1	2480	Ant1	No-Hopping	-52.57	-20	Pass
NVNT	2-DH1	2402	Ant1	No-Hopping	-51.63	-20	Pass
NVNT	2-DH1	2480	Ant1	No-Hopping	-51.82	-20	Pass
NVNT	3-DH1	2402	Ant1	No-Hopping	-52.24	-20	Pass
NVNT	3-DH1	2480	Ant1	No-Hopping	-53.63	-20	Pass

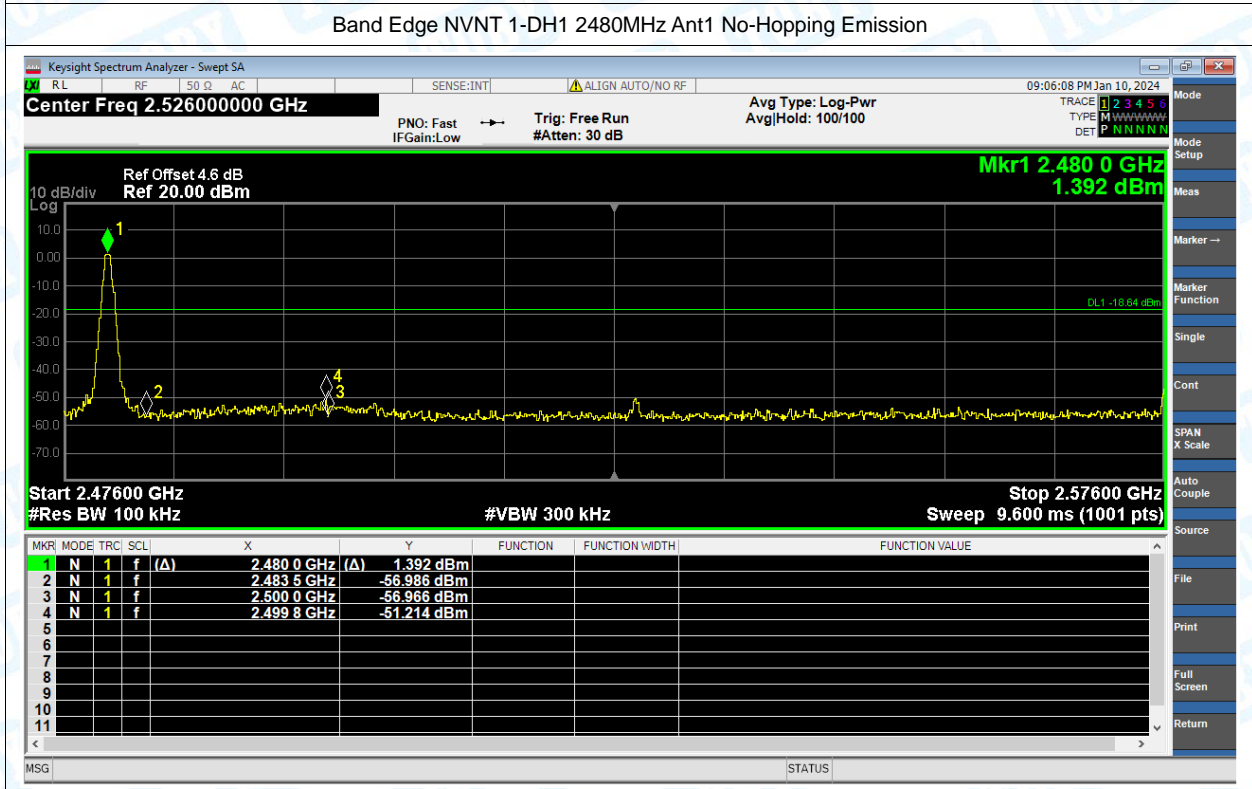
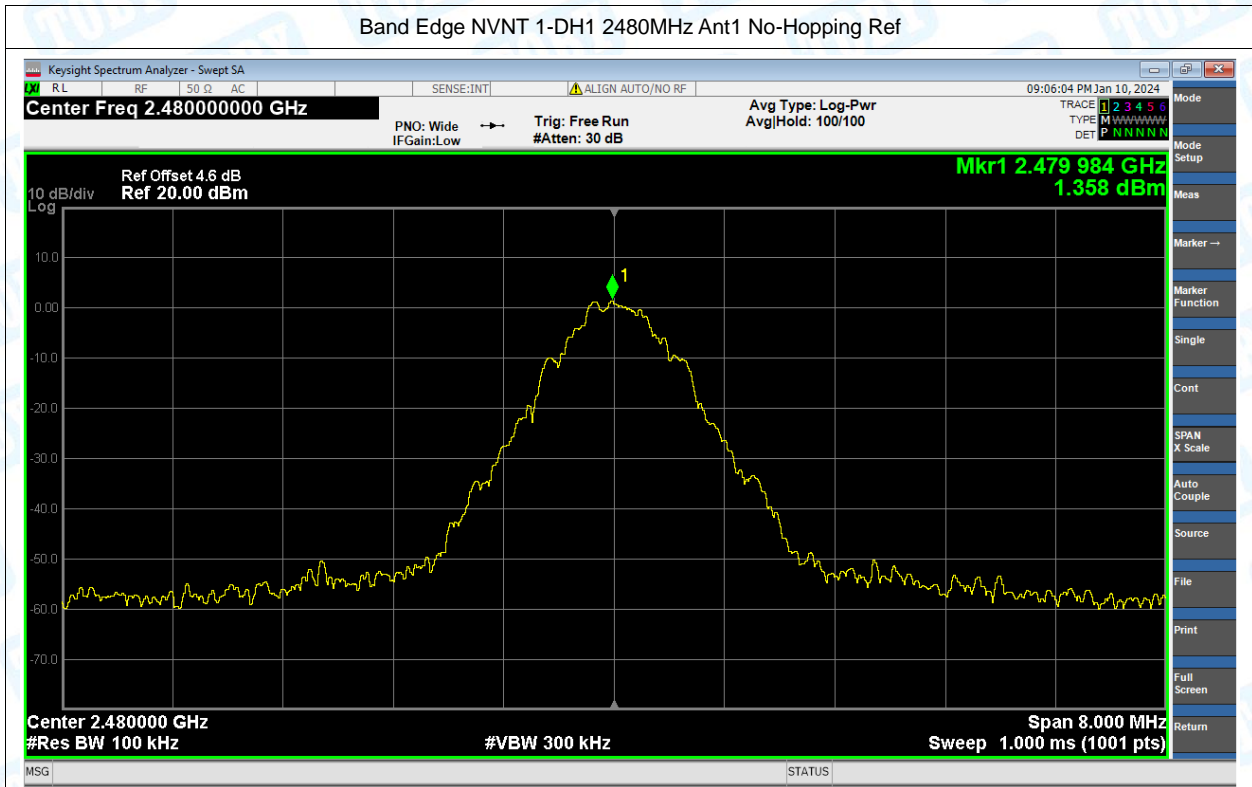
Test Graphs

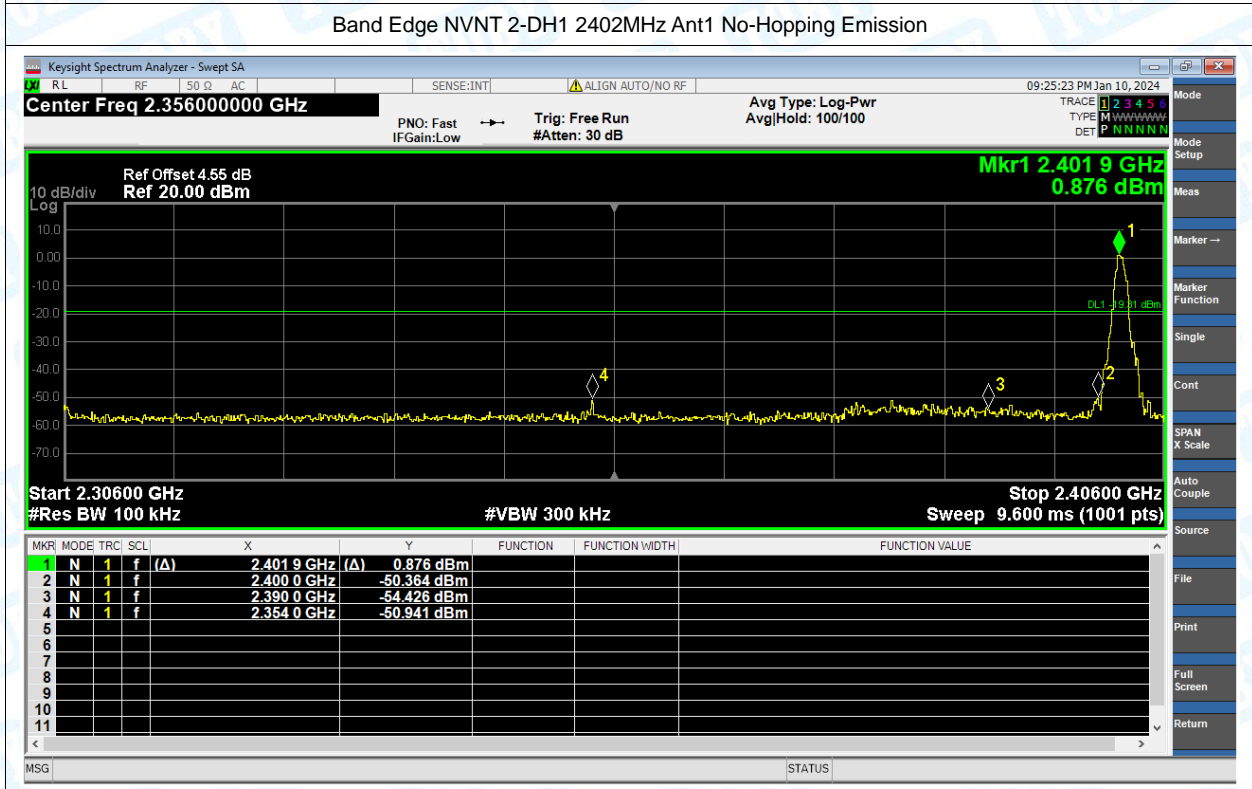
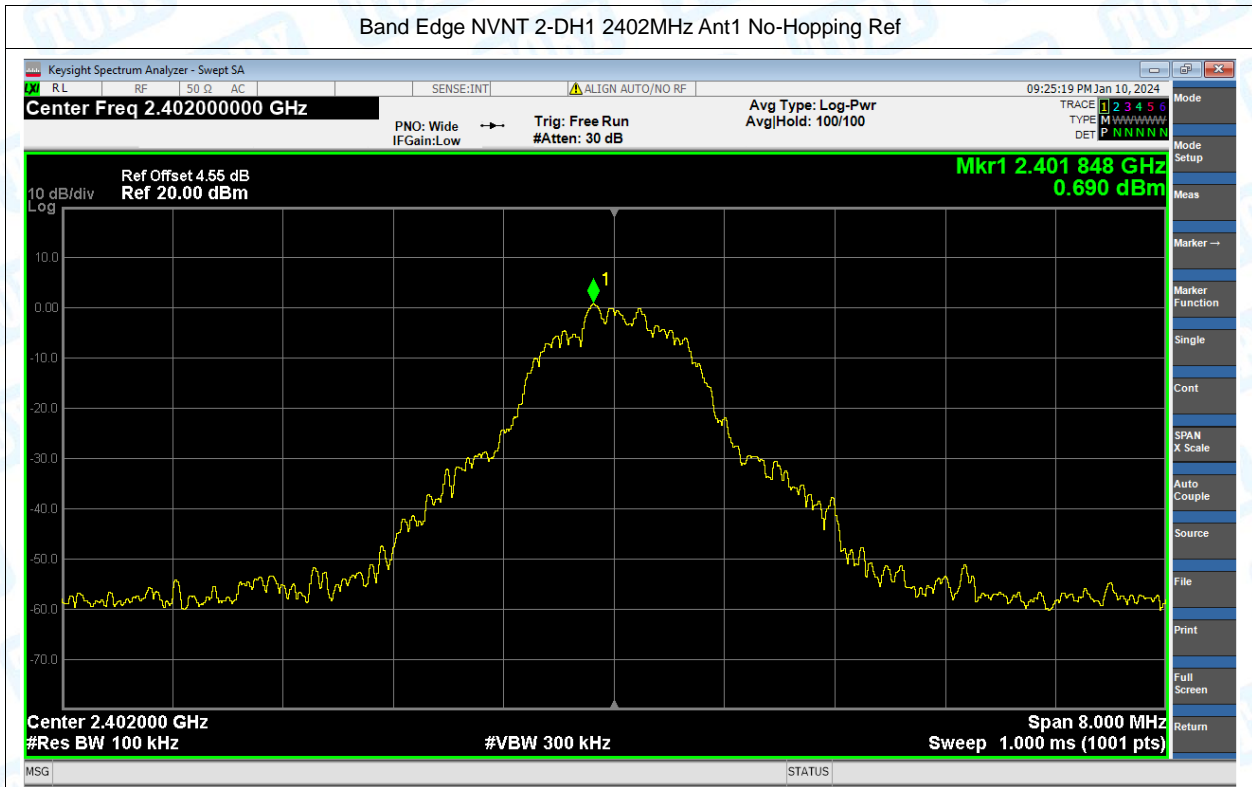
Band Edge NVNT 1-DH1 2402MHz Ant1 No-Hopping Ref

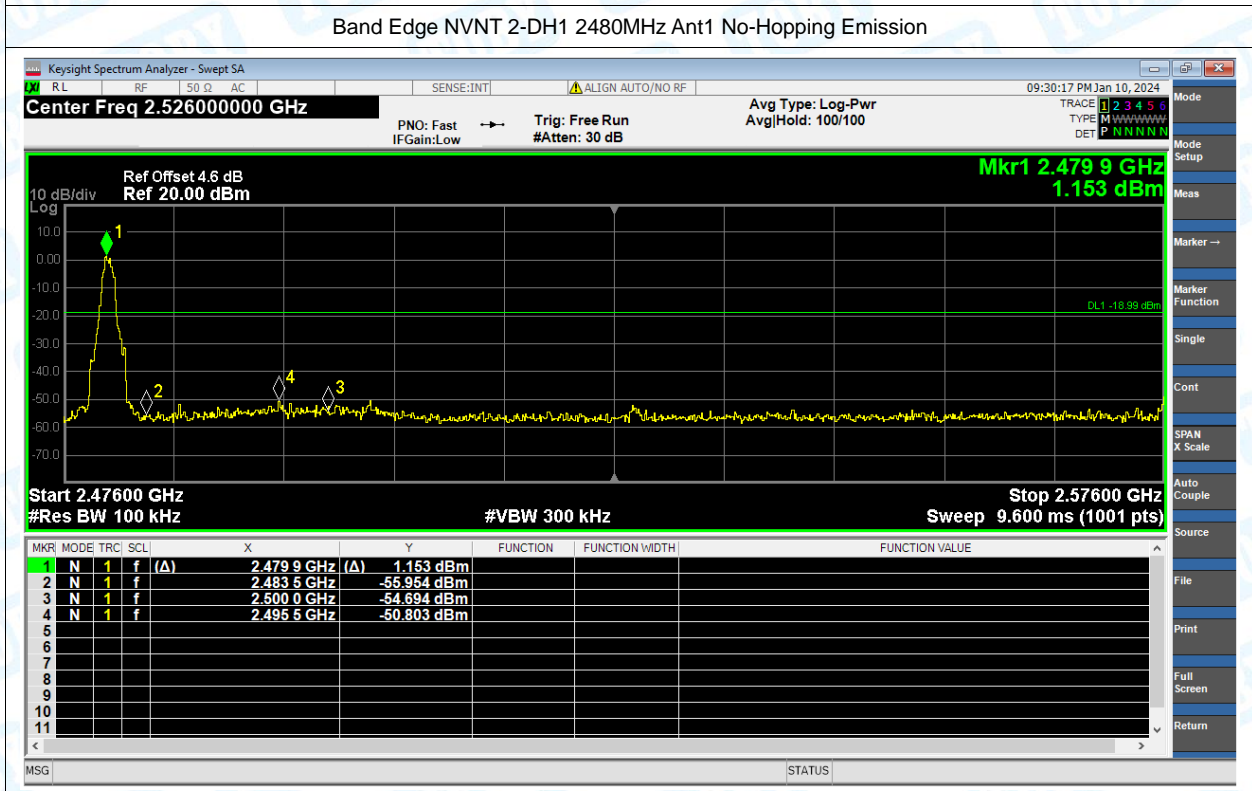
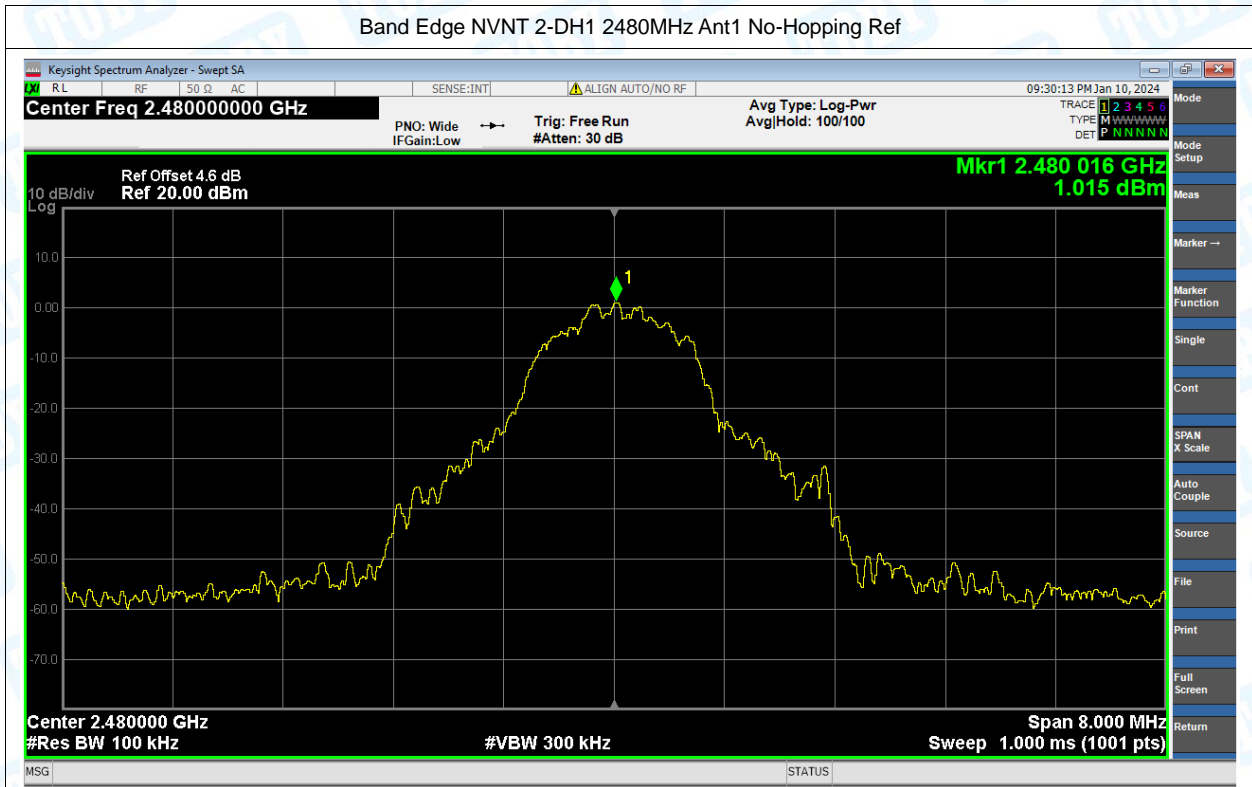


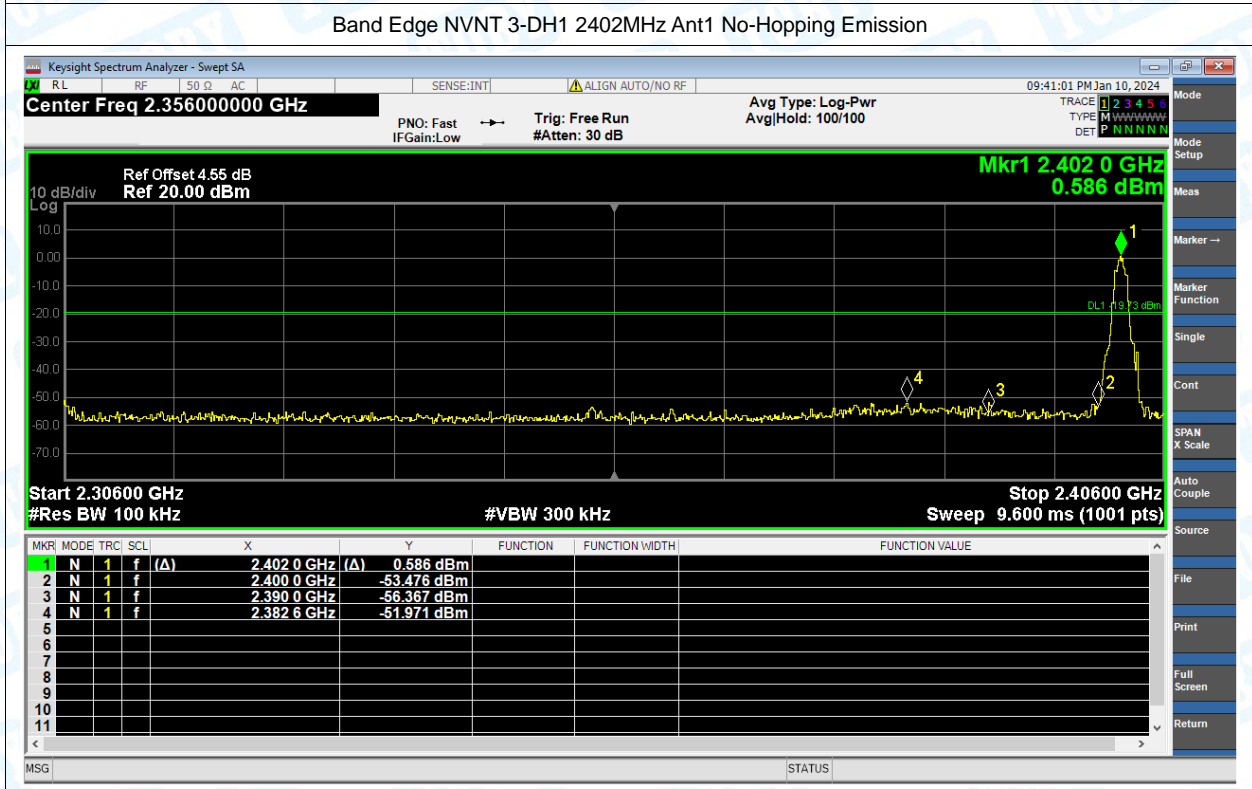
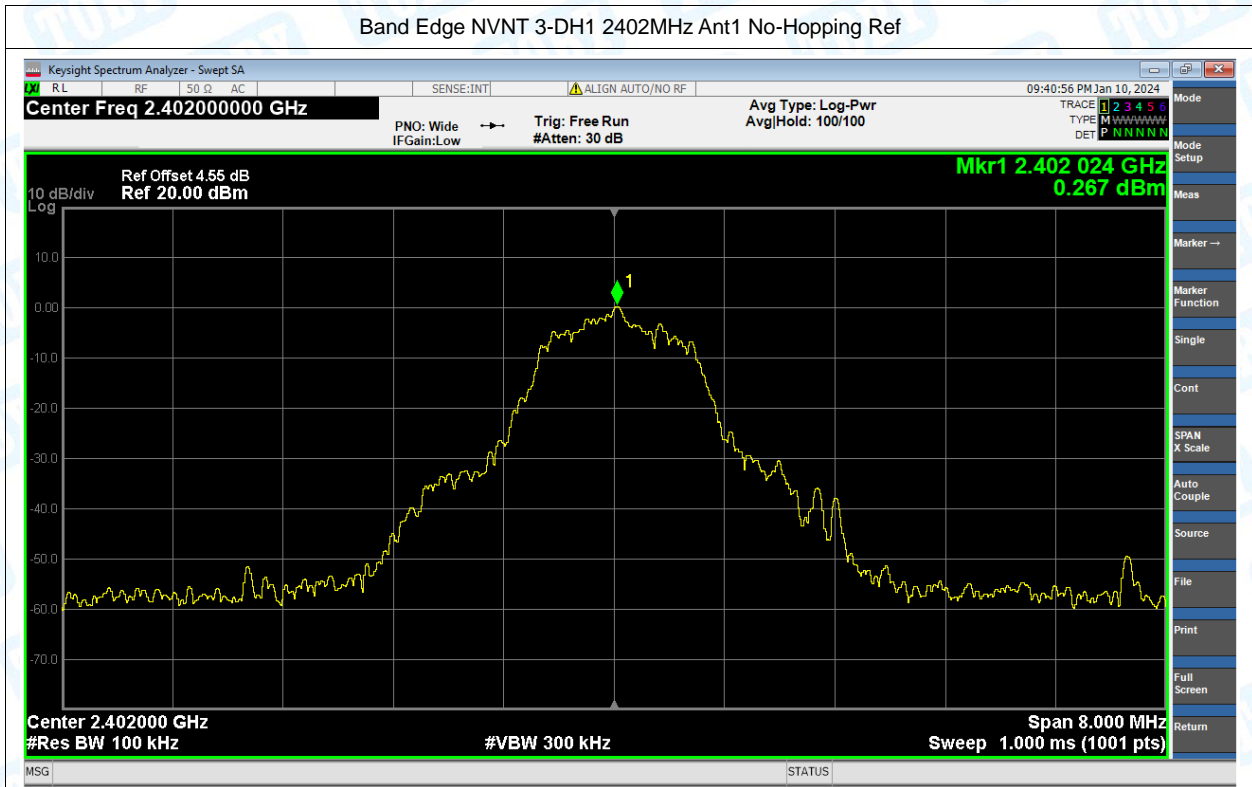
Band Edge NVNT 1-DH1 2402MHz Ant1 No-Hopping Emission

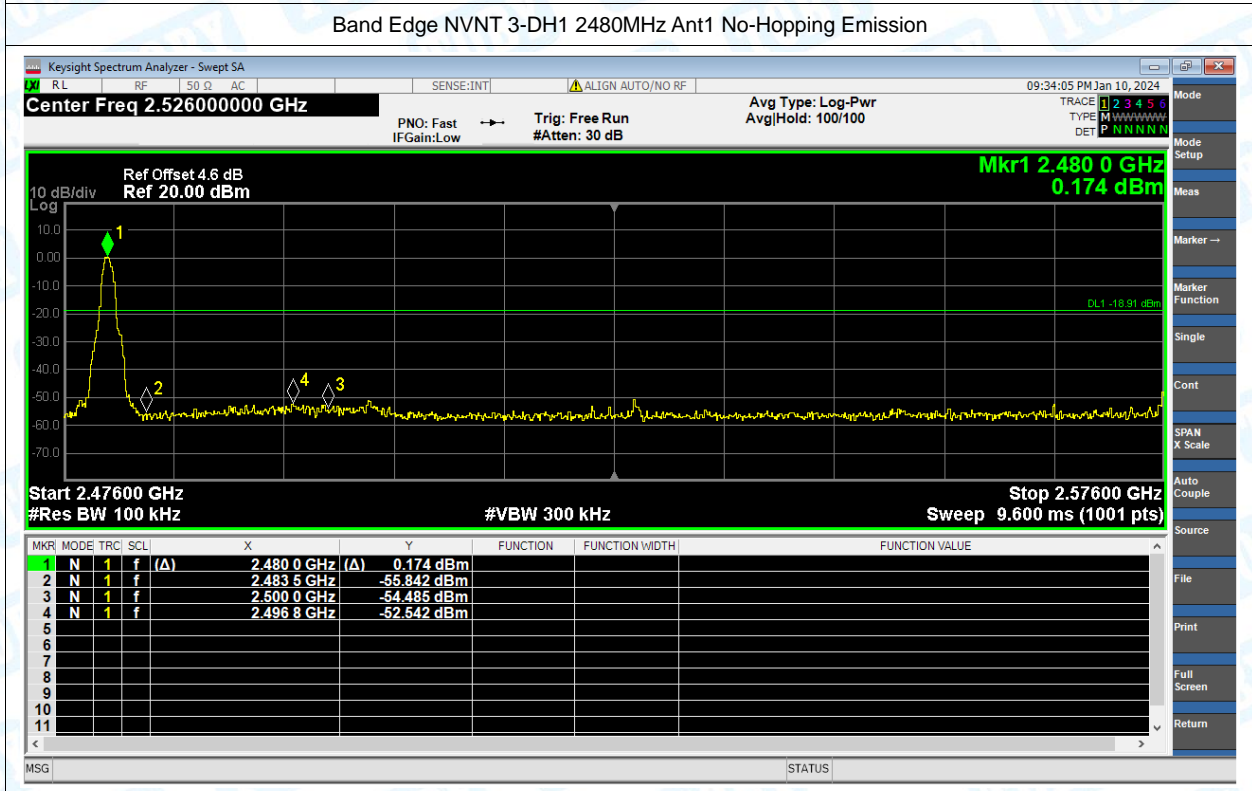
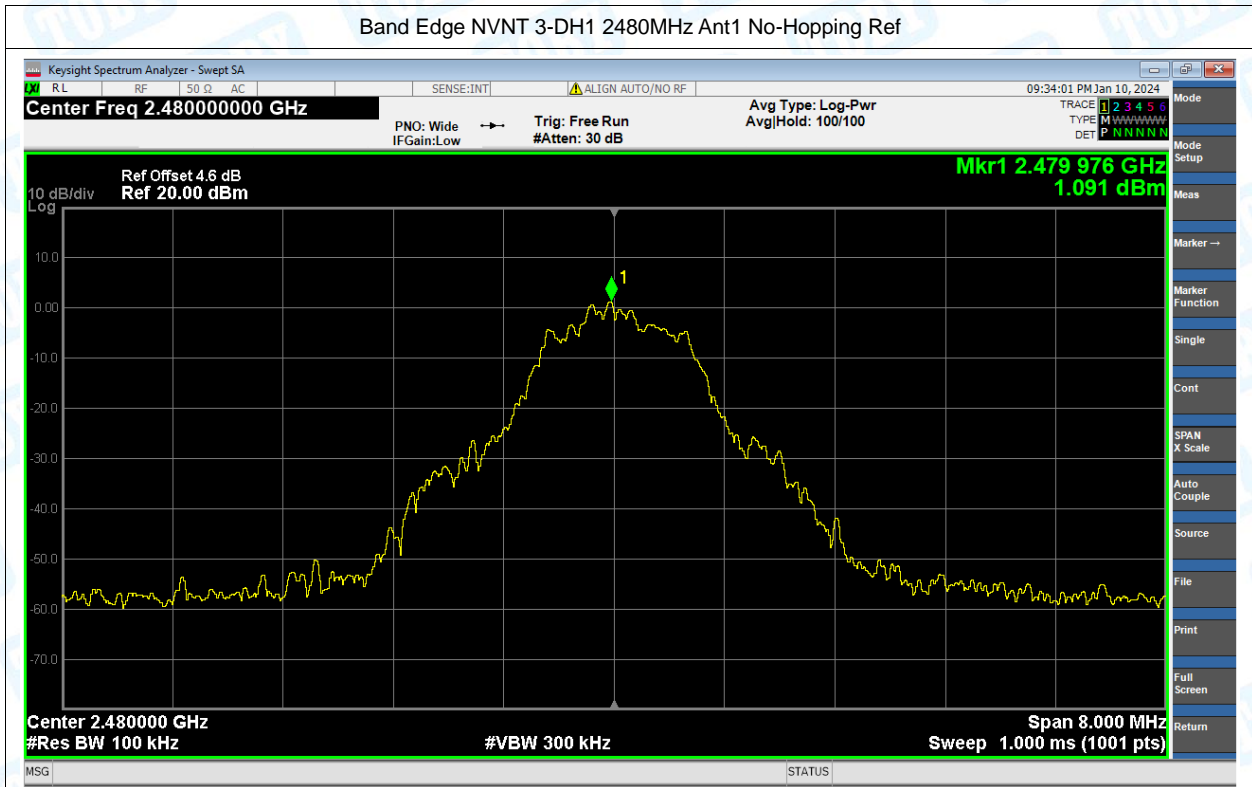










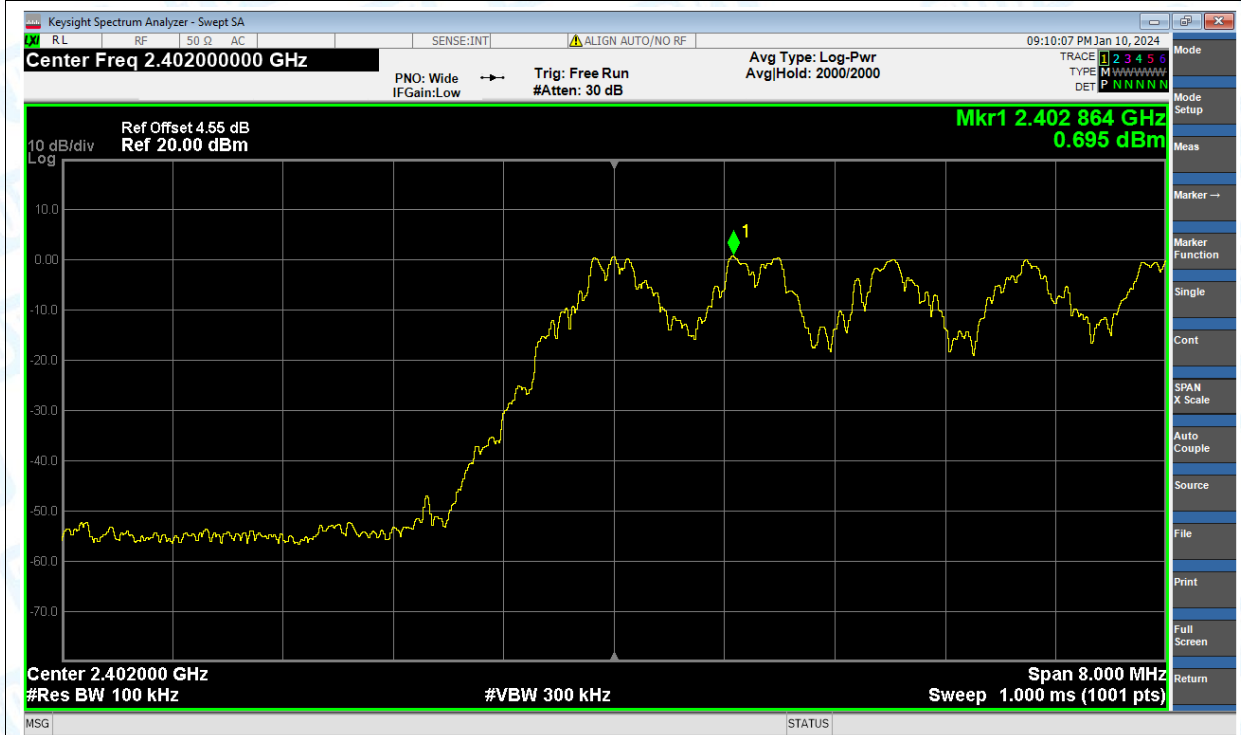


6. Band Edge(Hopping)

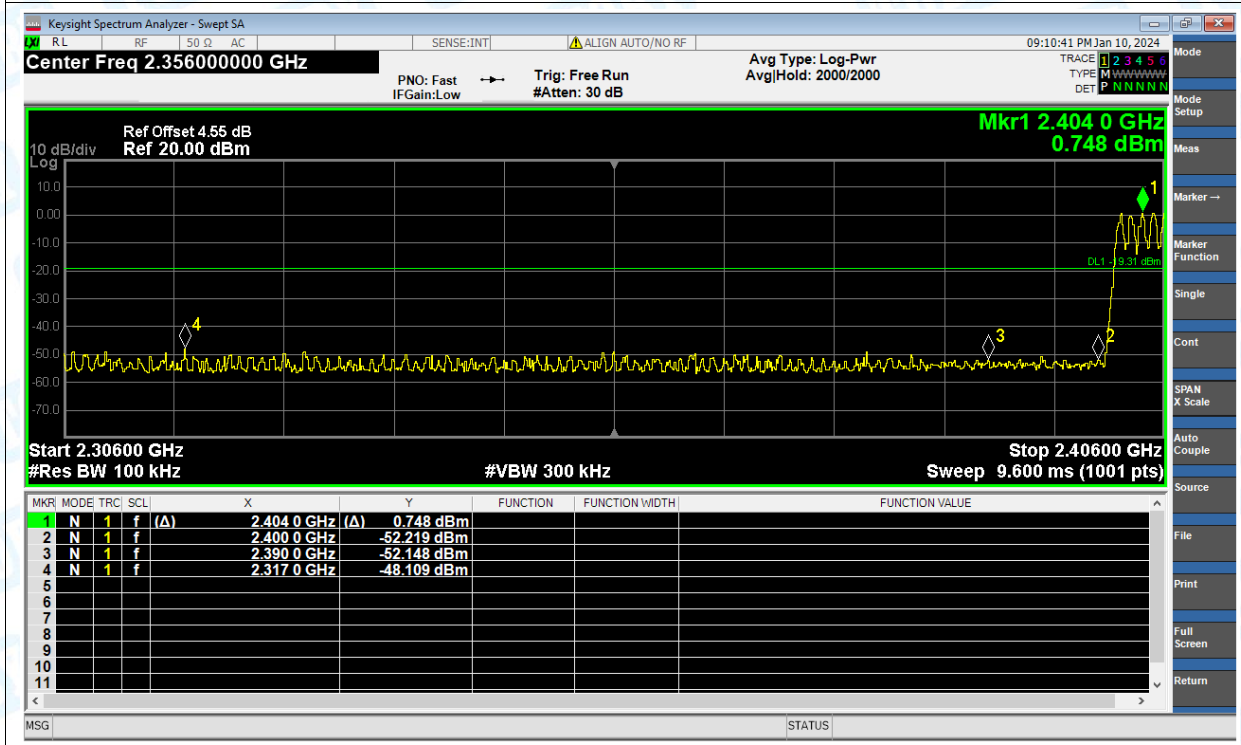
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH1	2402	Ant1	Hopping	-48.81	-20	Pass
NVNT	1-DH1	2480	Ant1	Hopping	-50.31	-20	Pass
NVNT	2-DH1	2402	Ant1	Hopping	-49.22	-20	Pass
NVNT	2-DH1	2480	Ant1	Hopping	-48.54	-20	Pass
NVNT	3-DH1	2402	Ant1	Hopping	-50.27	-20	Pass
NVNT	3-DH1	2480	Ant1	Hopping	-50.29	-20	Pass

Test Graphs

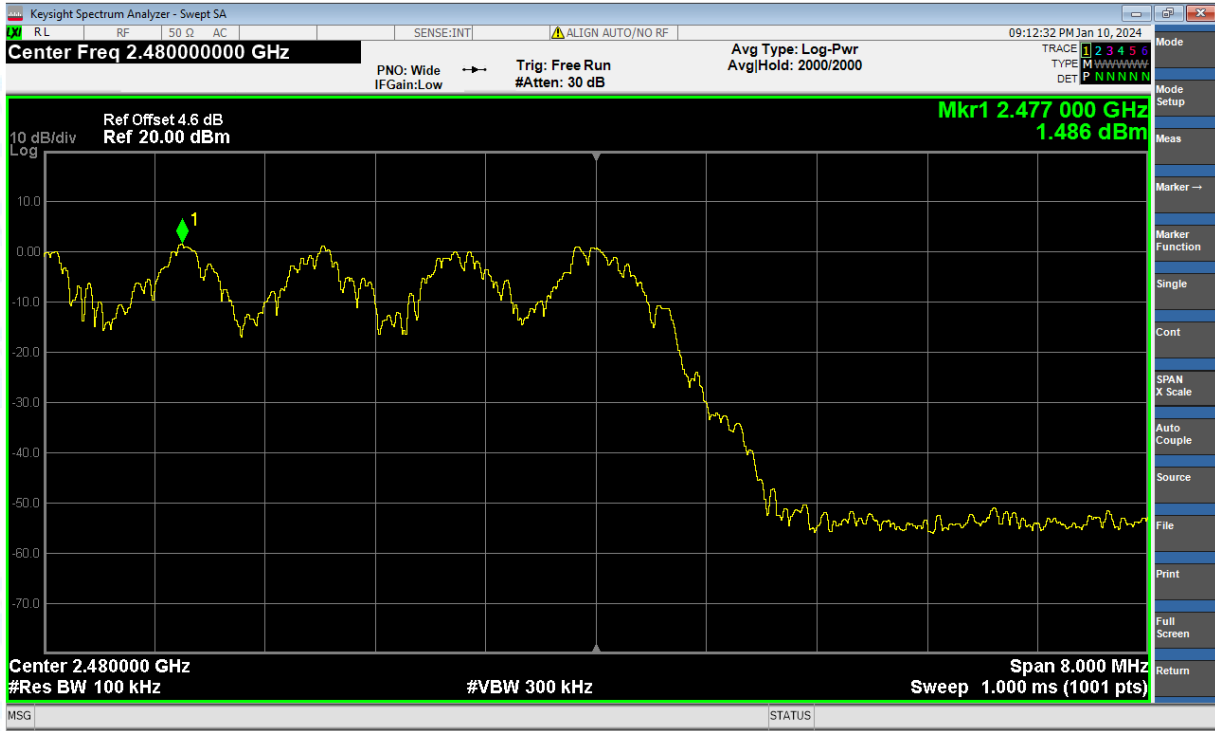
Band Edge(Hopping) NVNT 1-DH1 2402MHz Ant1 Hopping Ref



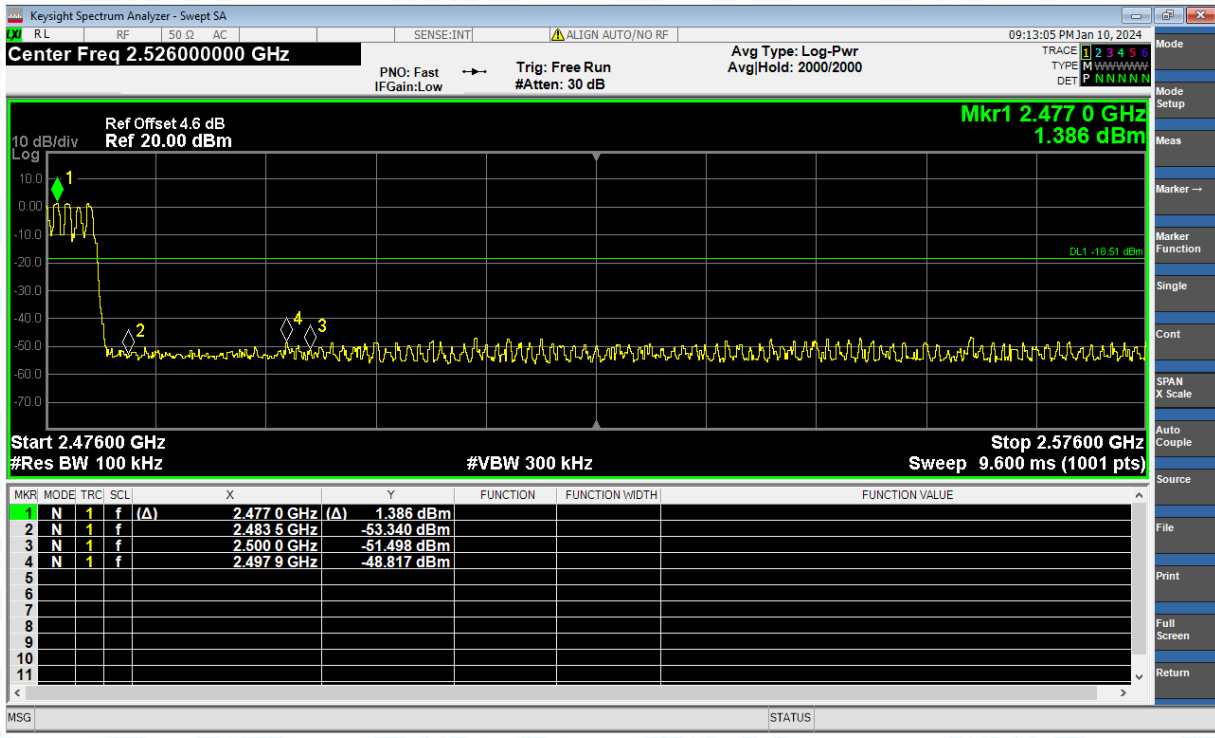
Band Edge(Hopping) NVNT 1-DH1 2402MHz Ant1 Hopping Emission



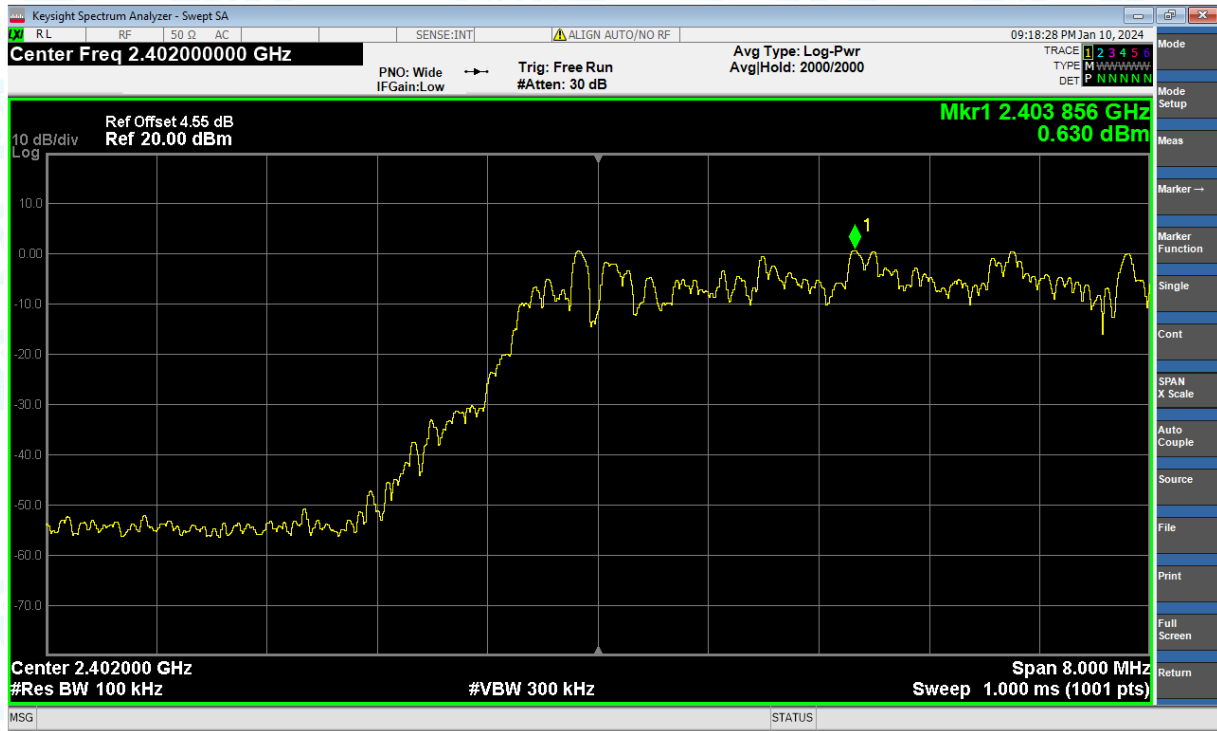
Band Edge(Hopping) NVNT 1-DH1 2480MHz Ant1 Hopping Ref



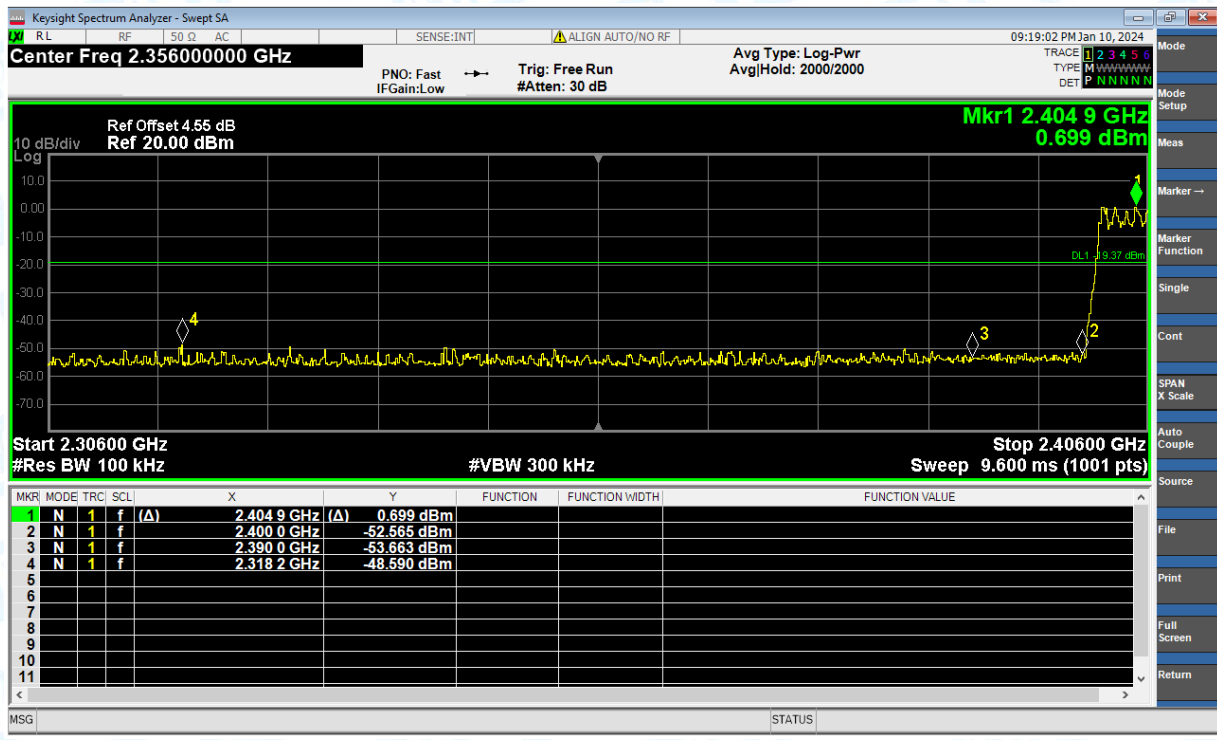
Band Edge(Hopping) NVNT 1-DH1 2480MHz Ant1 Hopping Emission



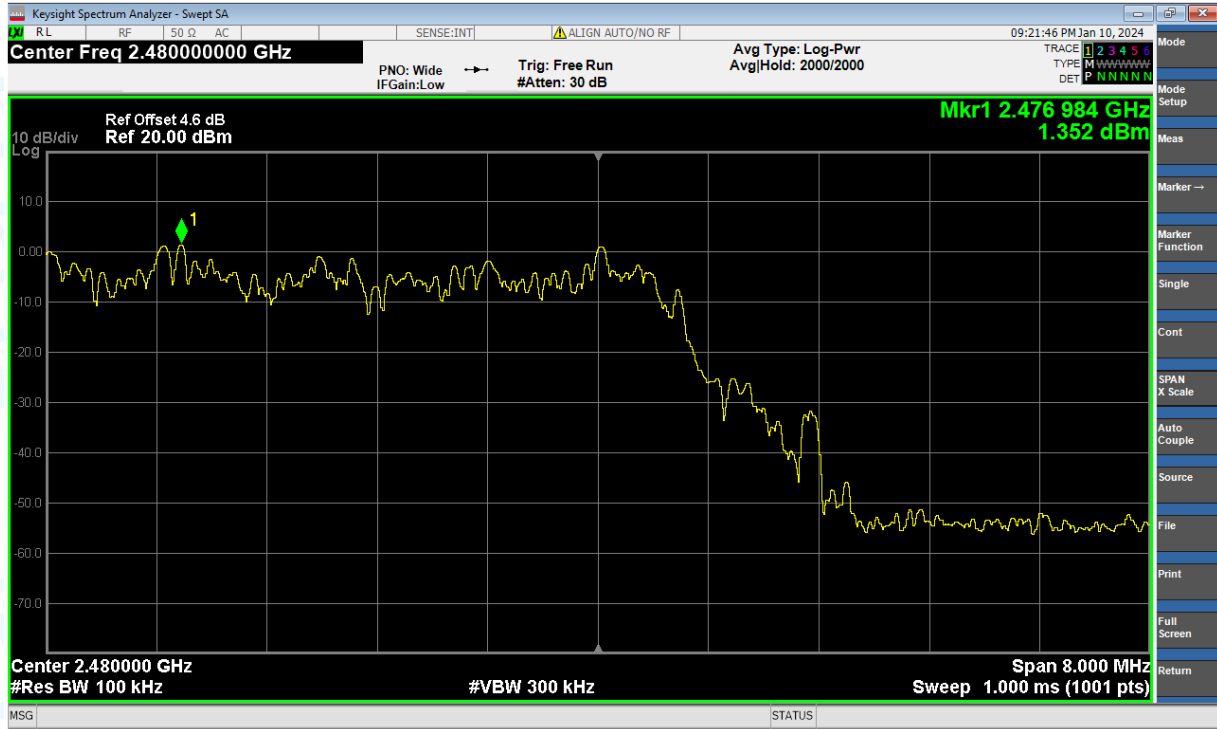
Band Edge(Hopping) NVNT 2-DH1 2402MHz Ant1 Hopping Ref



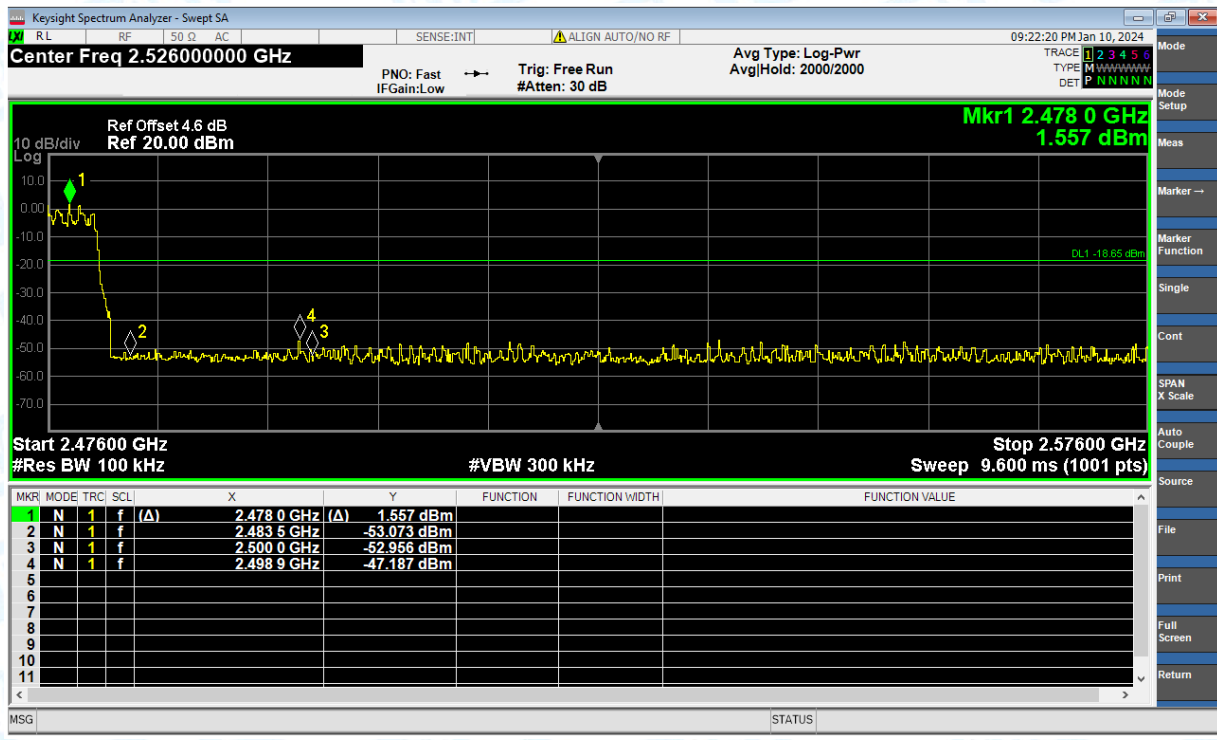
Band Edge(Hopping) NVNT 2-DH1 2402MHz Ant1 Hopping Emission



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



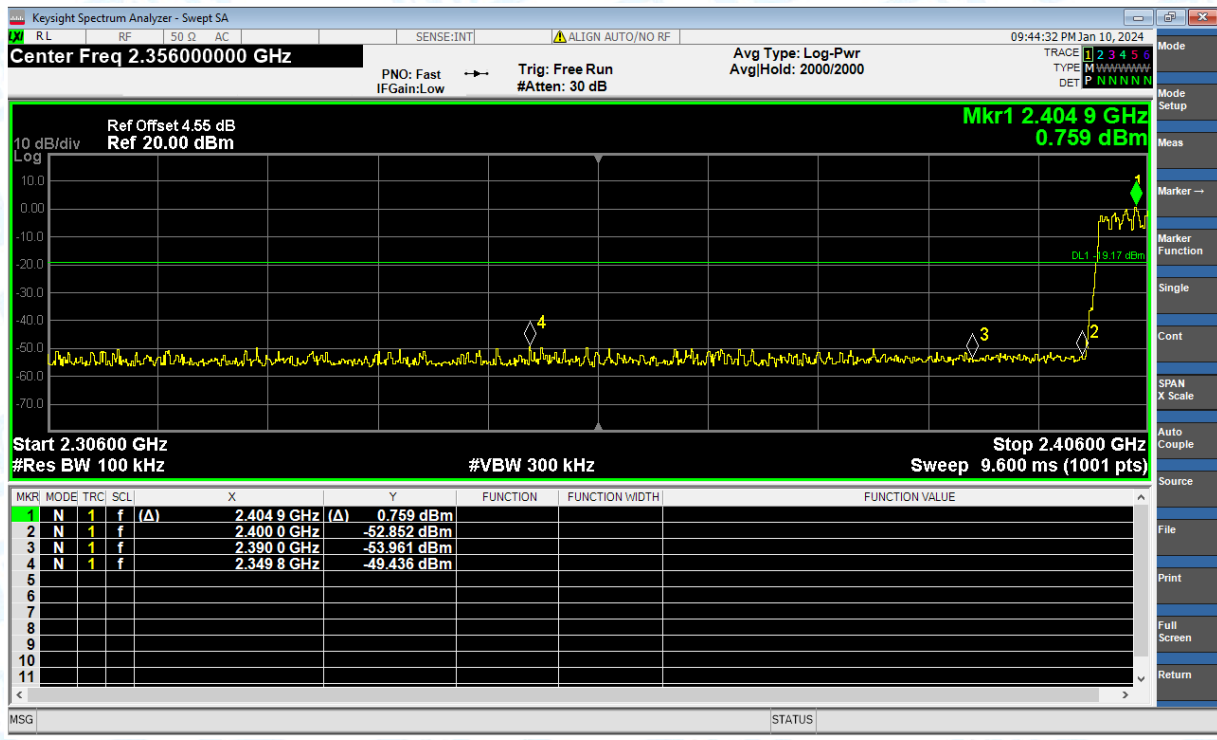
Band Edge(Hopping) NVNT 2-DH1 2480MHz Ant1 Hopping Emission

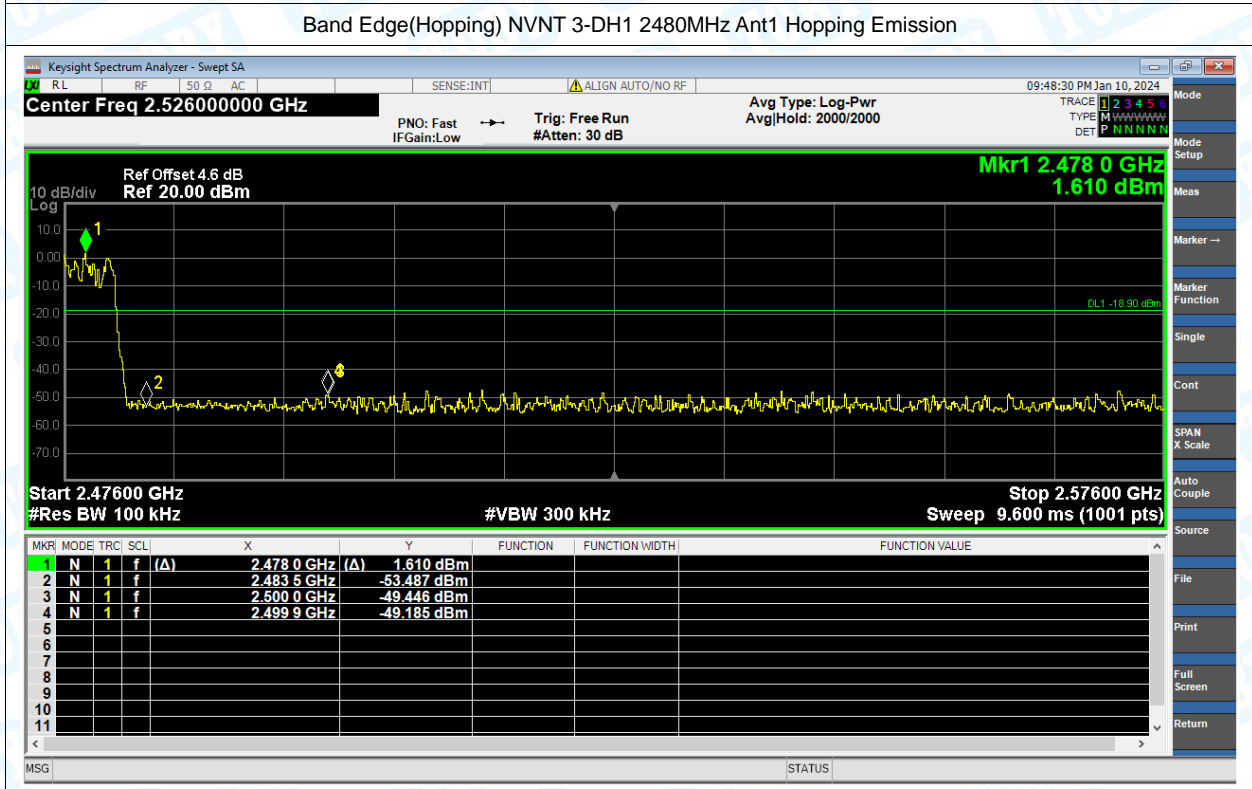


Band Edge(Hopping) NVNT 3-DH1 2402MHz Ant1 Hopping Ref



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



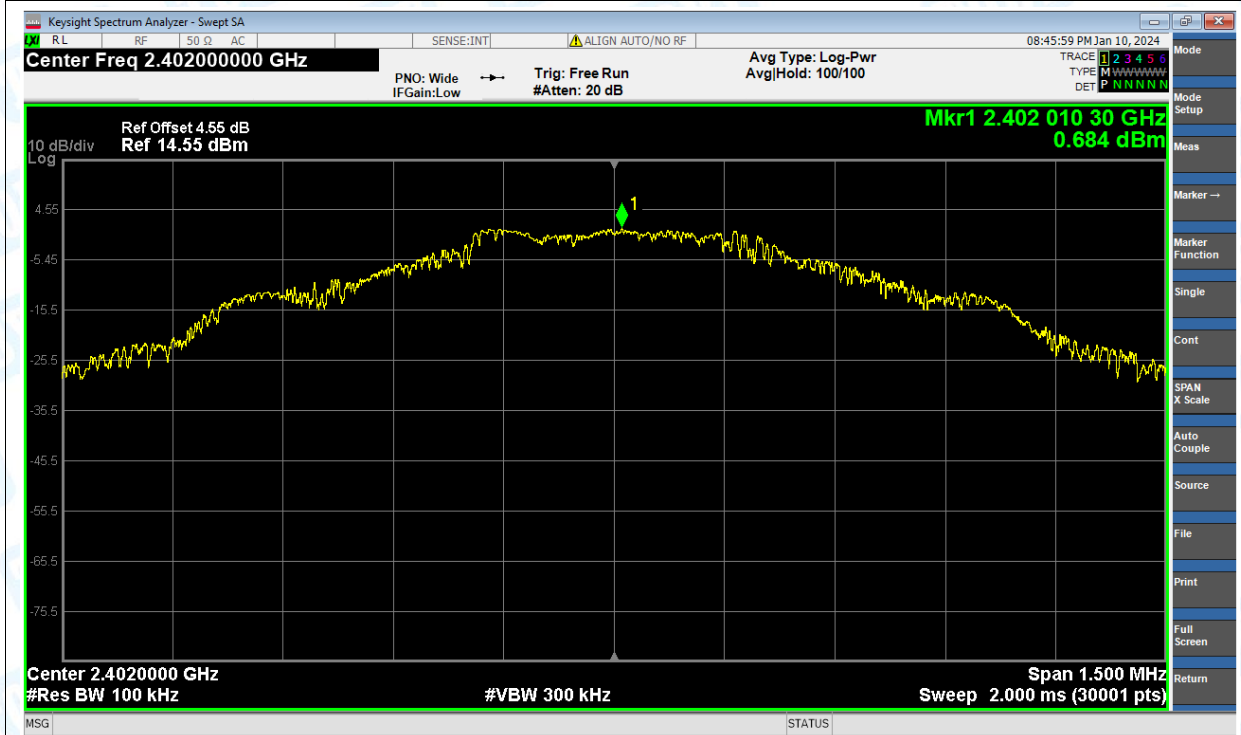


7. Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH1	2402	Ant1	-50.17	-20	Pass
NVNT	1-DH1	2441	Ant1	-50.40	-20	Pass
NVNT	1-DH1	2480	Ant1	-50.00	-20	Pass
NVNT	2-DH1	2402	Ant1	-45.23	-20	Pass
NVNT	2-DH1	2441	Ant1	-51.03	-20	Pass
NVNT	2-DH1	2480	Ant1	-50.33	-20	Pass
NVNT	3-DH1	2402	Ant1	-49.82	-20	Pass
NVNT	3-DH1	2441	Ant1	-51.81	-20	Pass
NVNT	3-DH1	2480	Ant1	-50.98	-20	Pass

Test Graphs

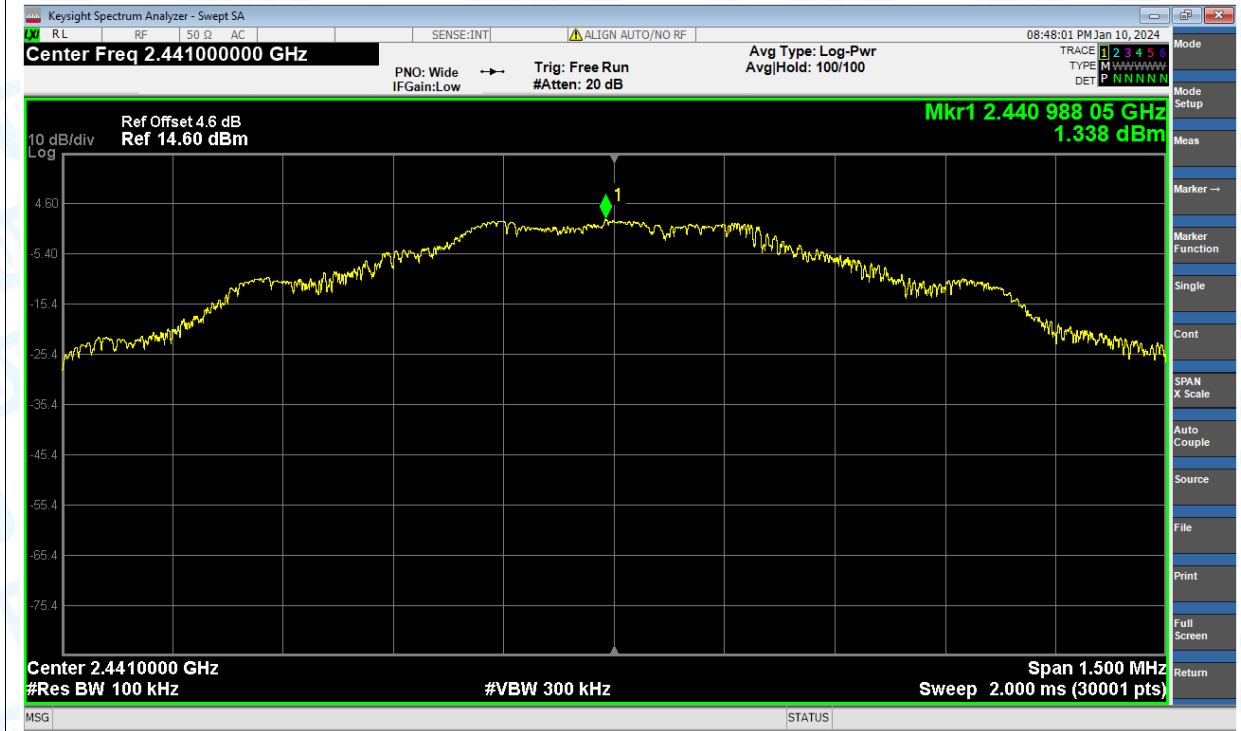
Tx. Spurious NVNT 1-DH1 2402MHz Ant1 Ref



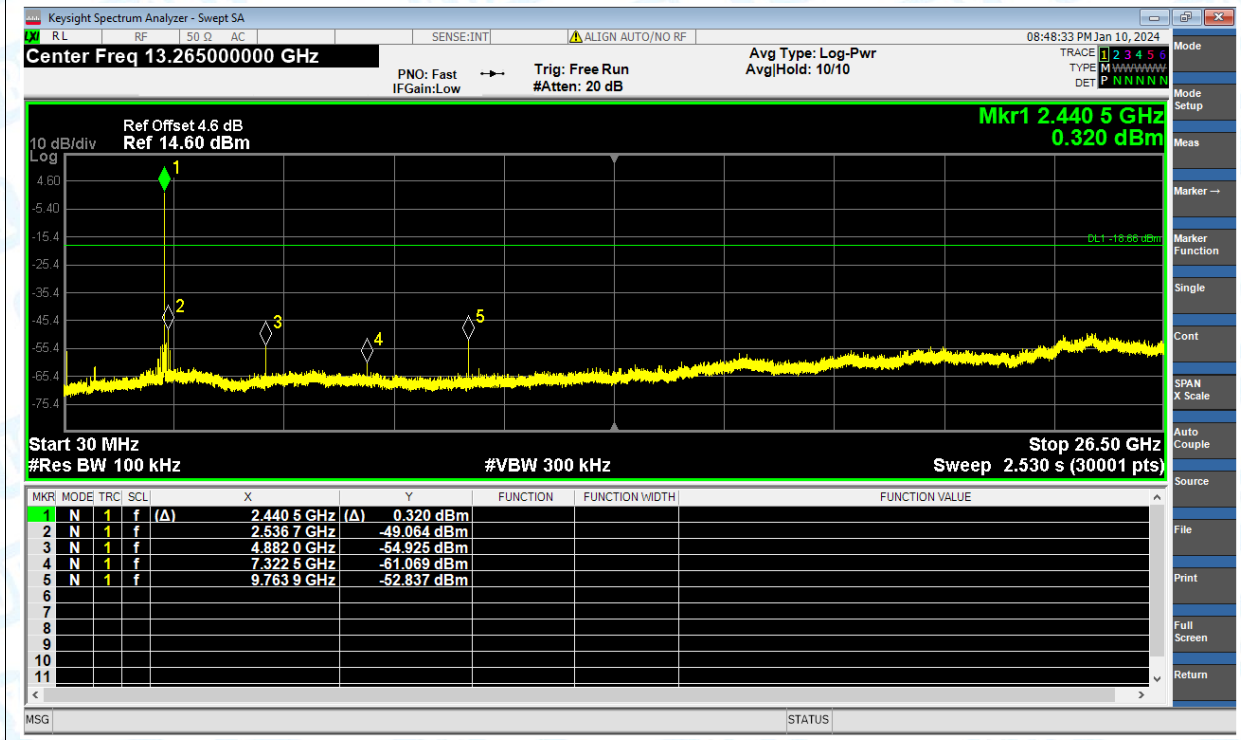
Tx. Spurious NVNT 1-DH1 2402MHz Ant1 Emission



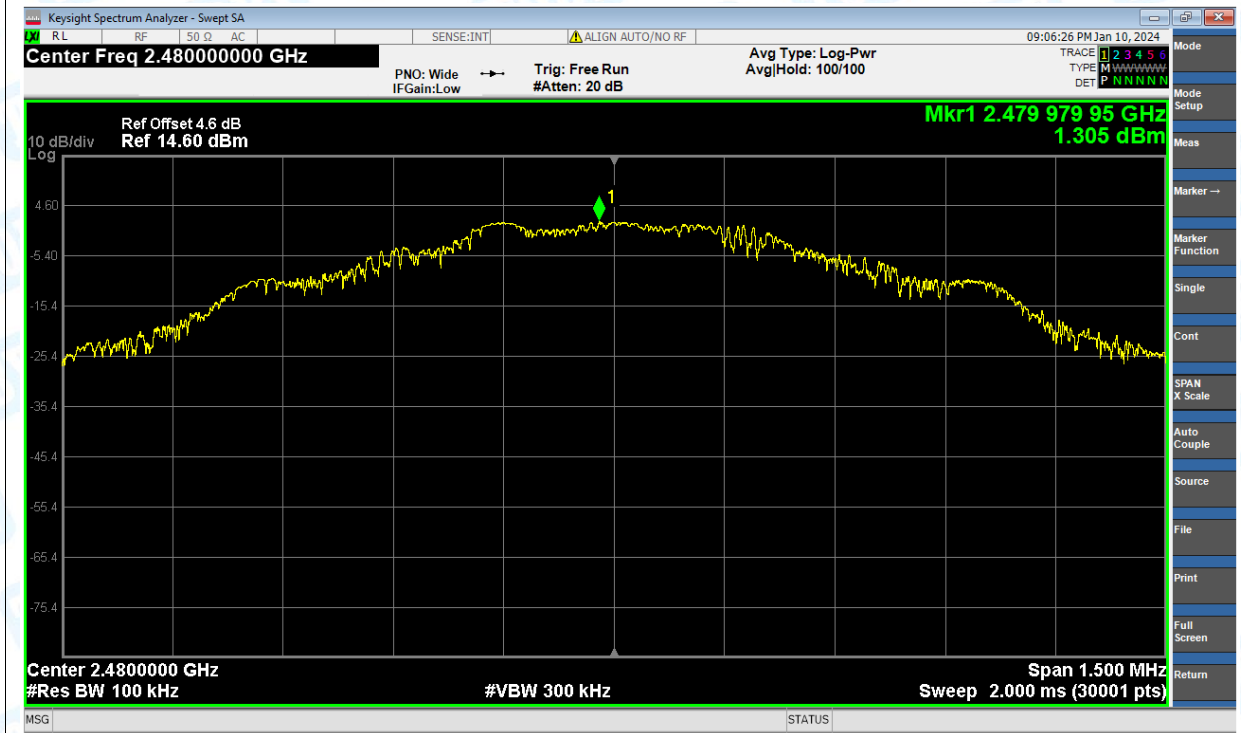
Tx. Spurious NVNT 1-DH1 2441MHz Ant1 Ref



Tx. Spurious NVNT 1-DH1 2441MHz Ant1 Emission



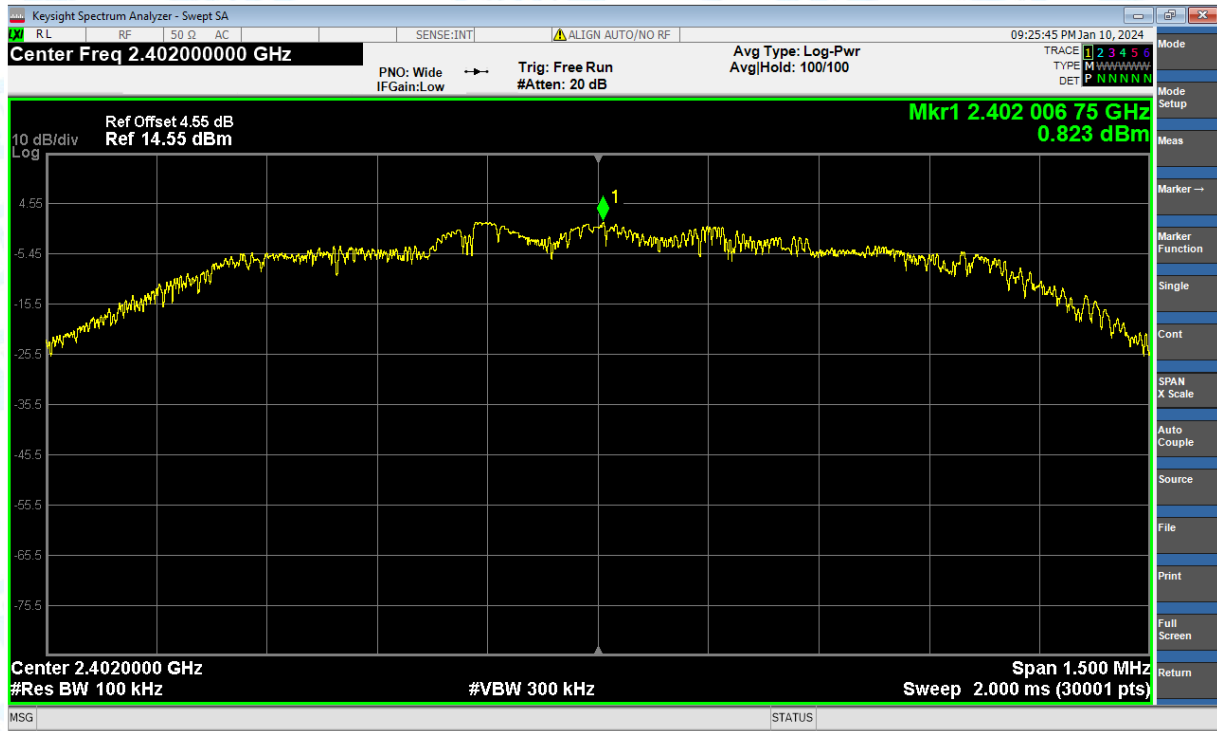
Tx. Spurious NVNT 1-DH1 2480MHz Ant1 Ref



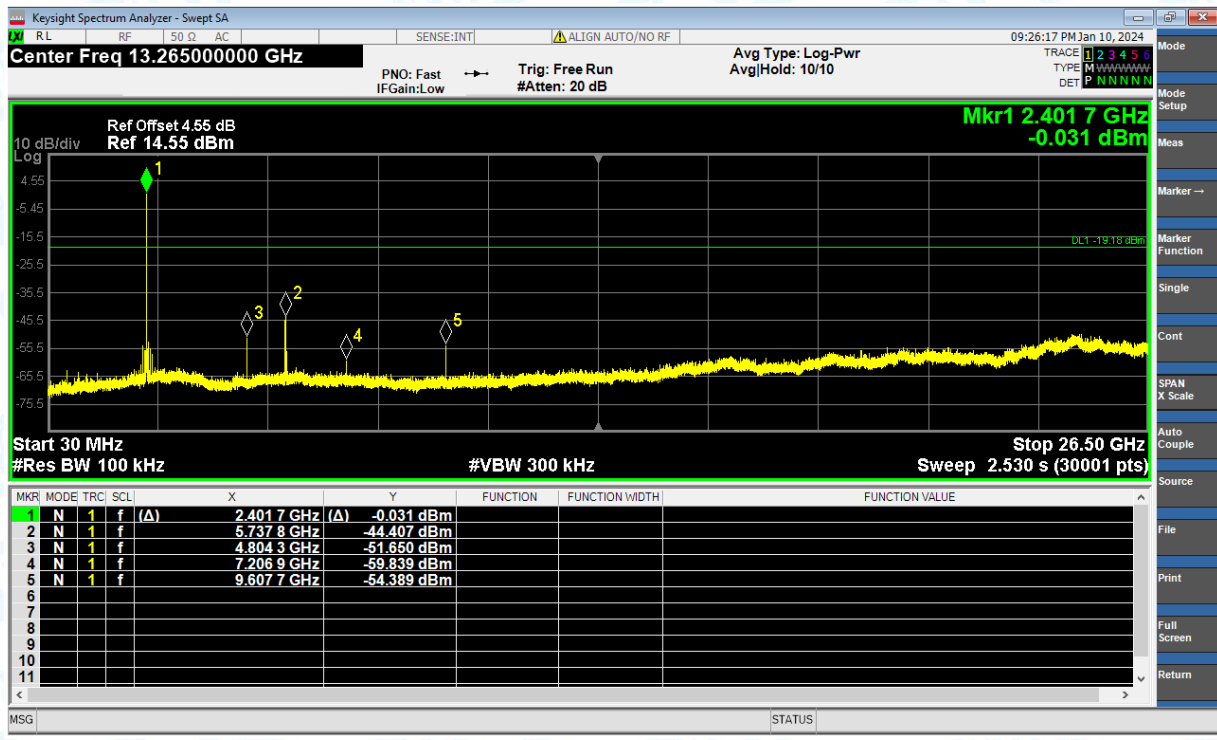
Tx. Spurious NVNT 1-DH1 2480MHz Ant1 Emission



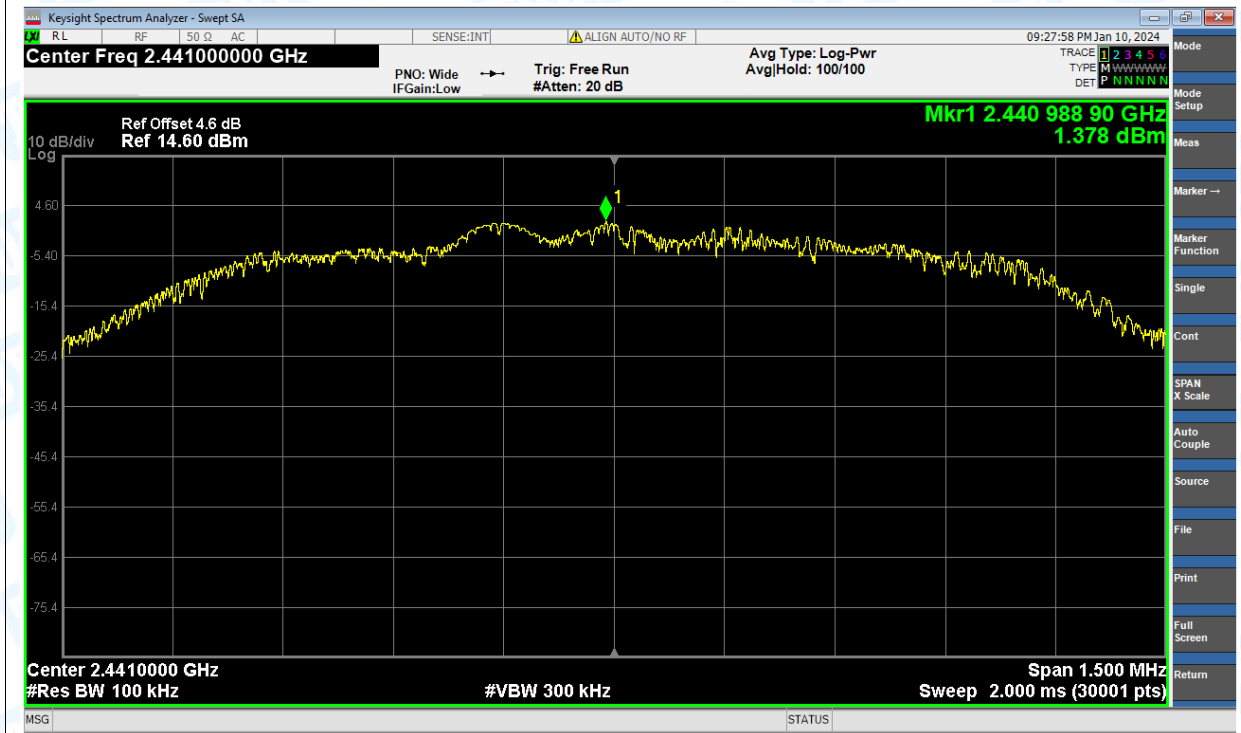
Tx. Spurious NVNT 2-DH1 2402MHz Ant1 Ref



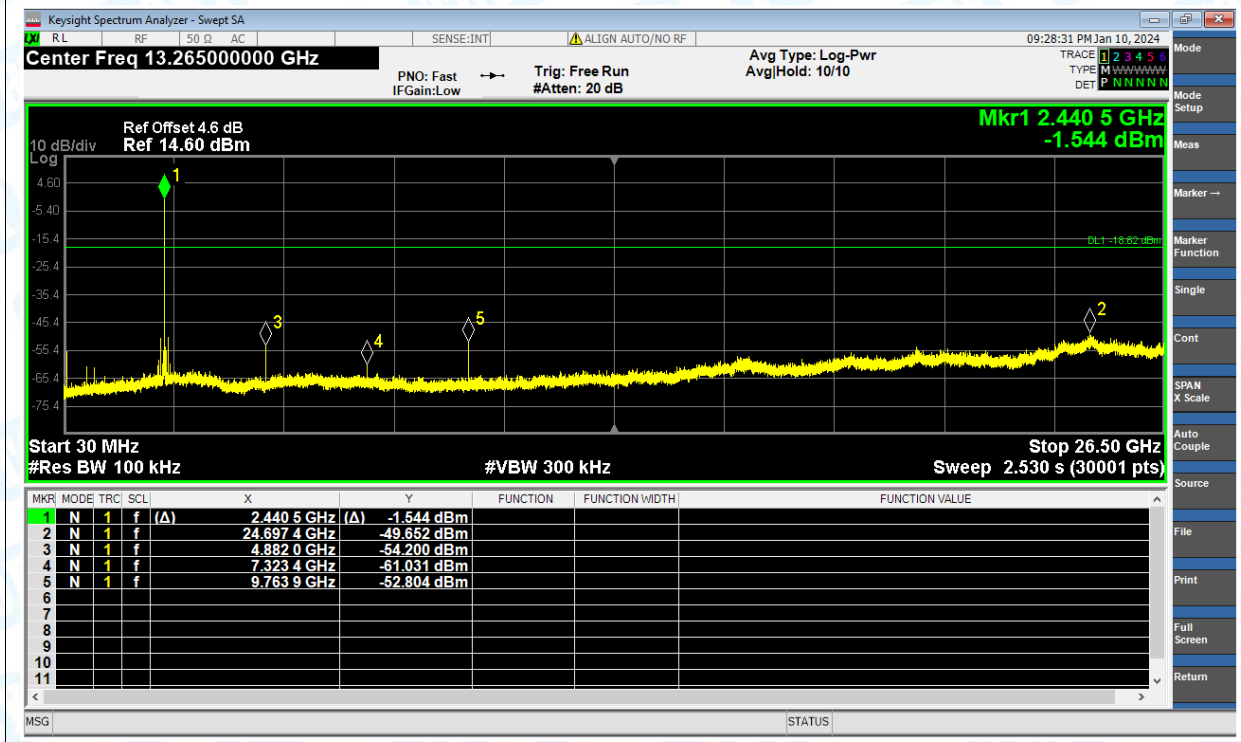
Tx. Spurious NVNT 2-DH1 2402MHz Ant1 Emission



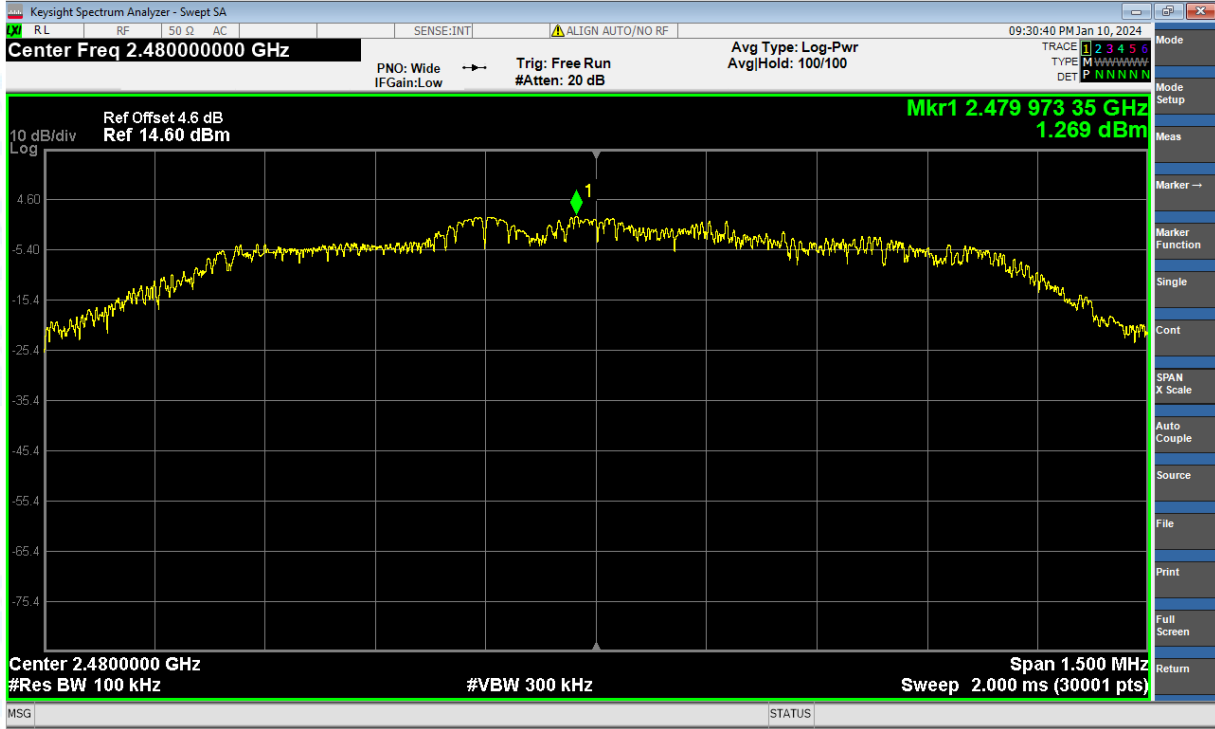
Tx. Spurious NVNT 2-DH1 2441MHz Ant1 Ref



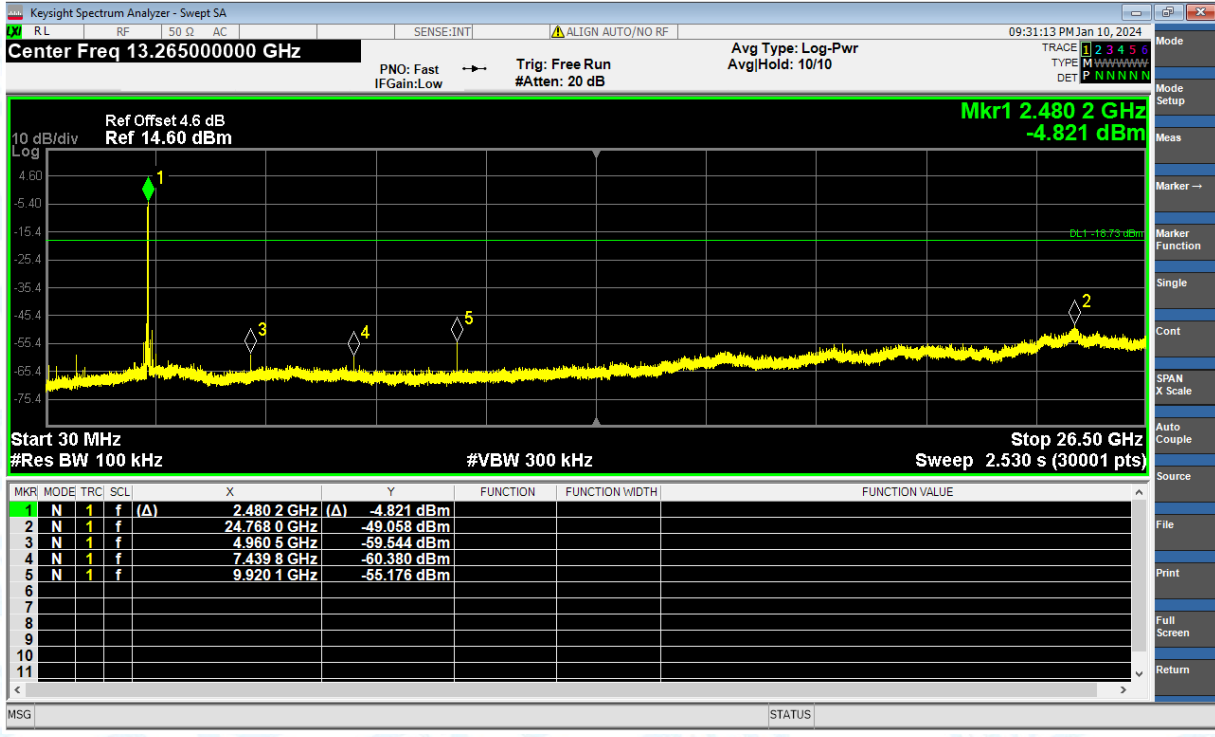
Tx. Spurious NVNT 2-DH1 2441MHz Ant1 Emission



Tx. Spurious NVNT 2-DH1 2480MHz Ant1 Ref



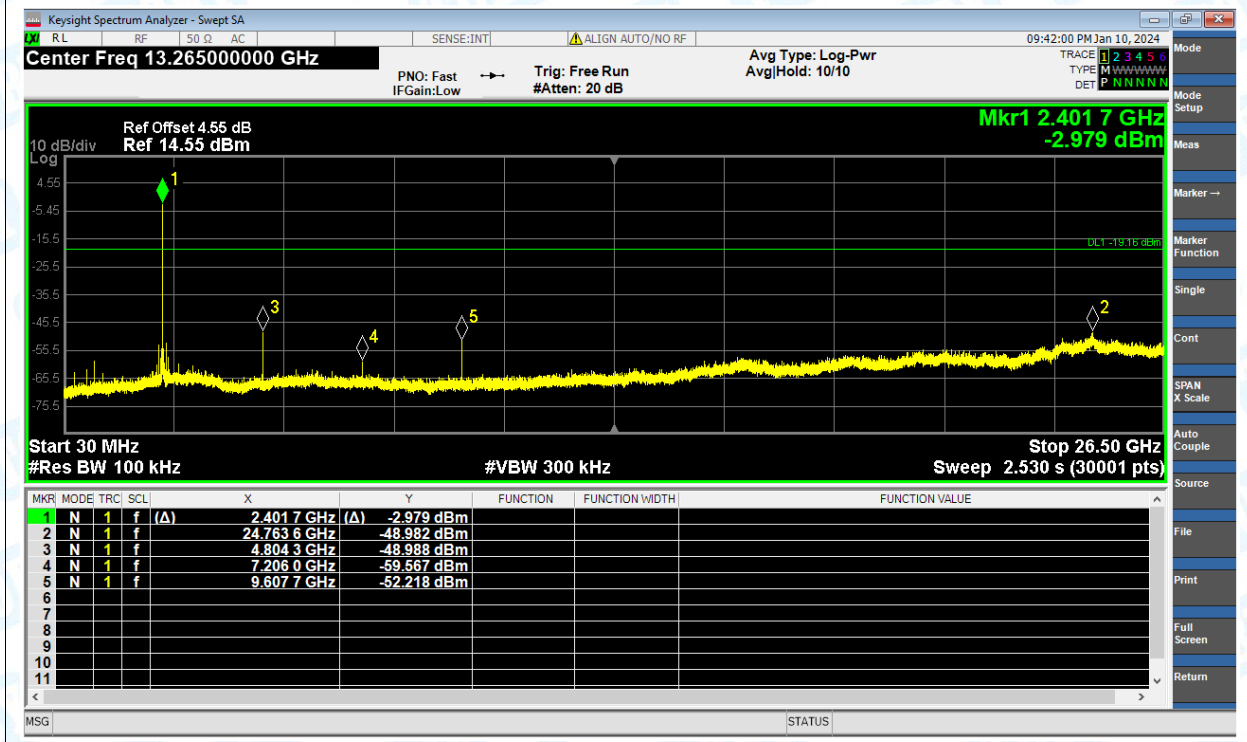
Tx. Spurious NVNT 2-DH1 2480MHz Ant1 Emission



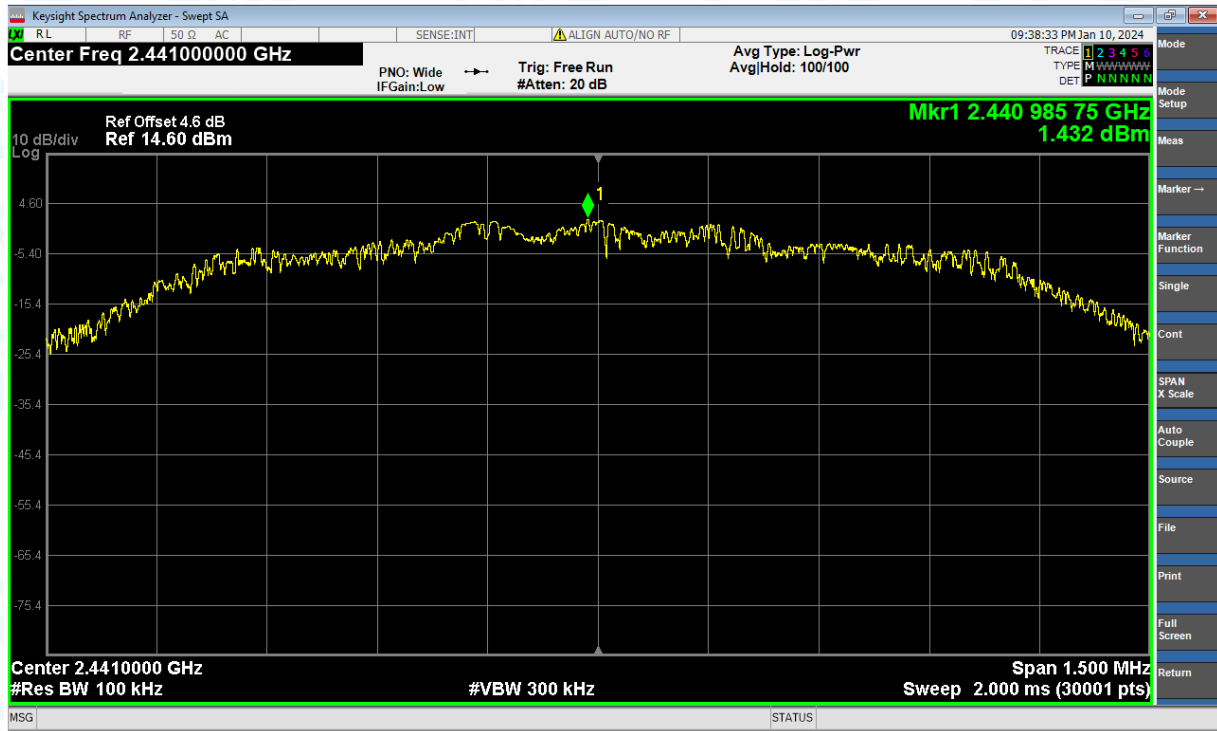
Tx. Spurious NVNT 3-DH1 2402MHz Ant1 Ref



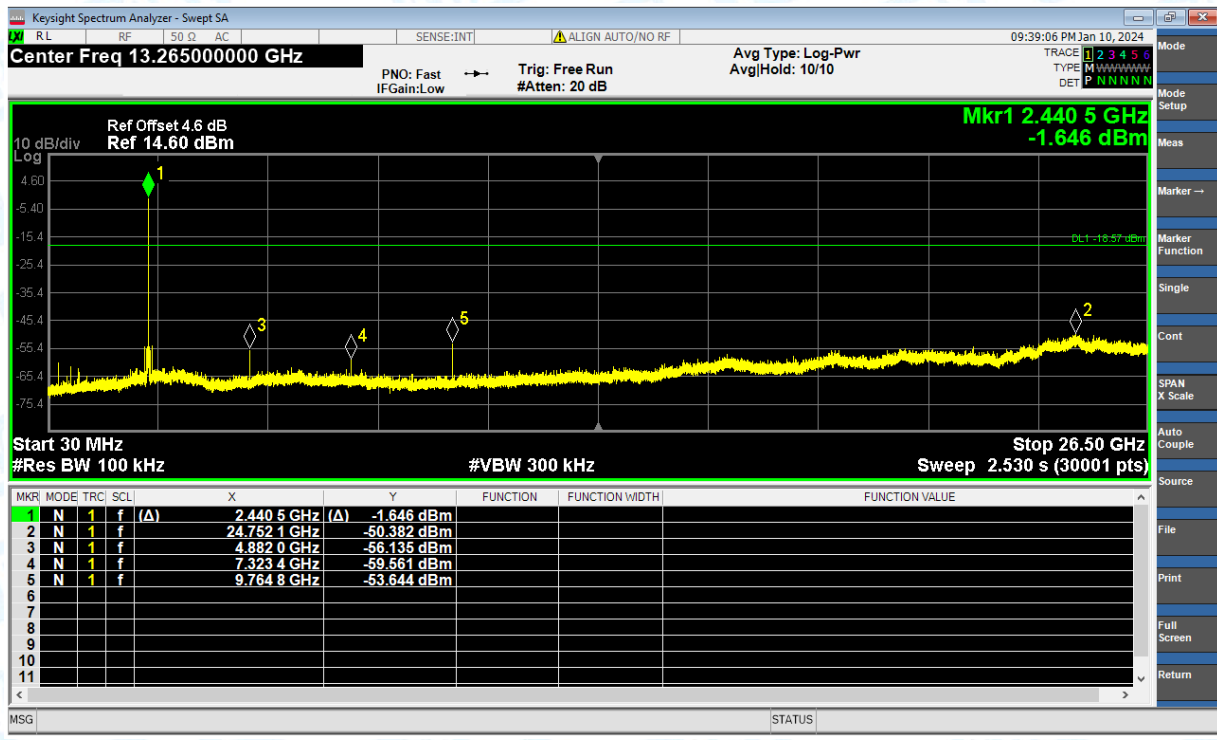
Tx. Spurious NVNT 3-DH1 2402MHz Ant1 Emission



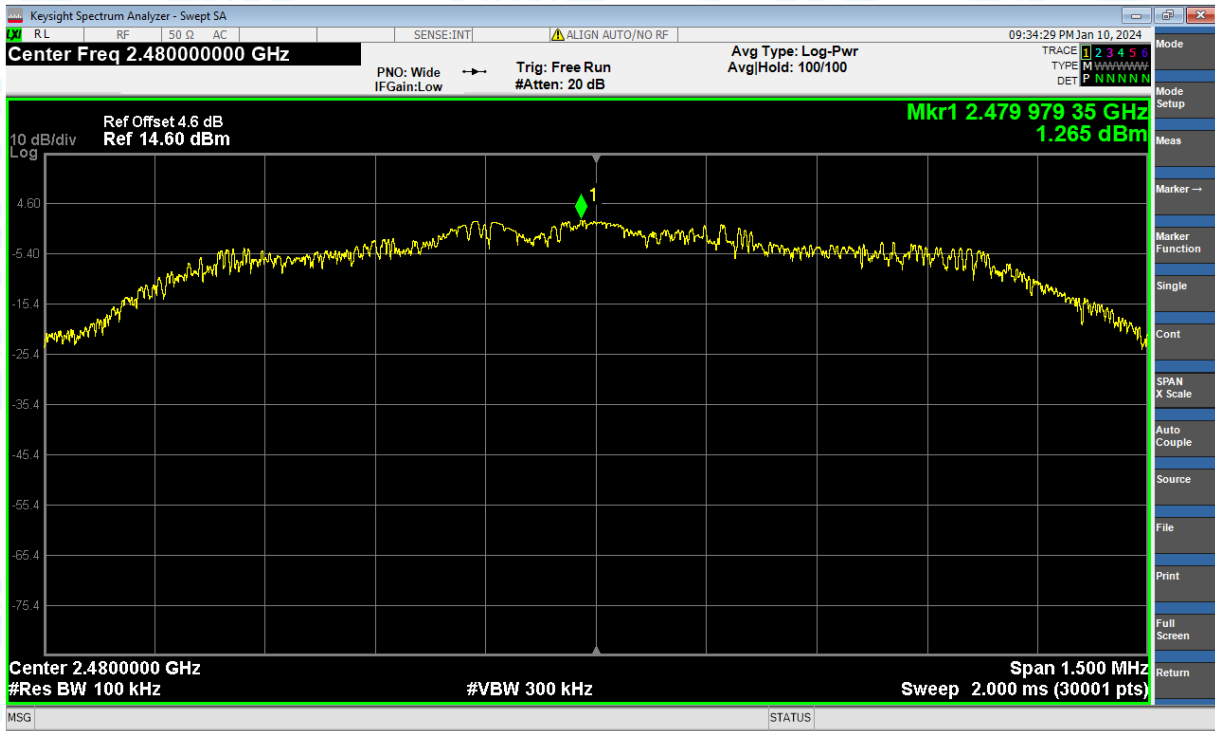
Tx. Spurious NVNT 3-DH1 2441MHz Ant1 Ref



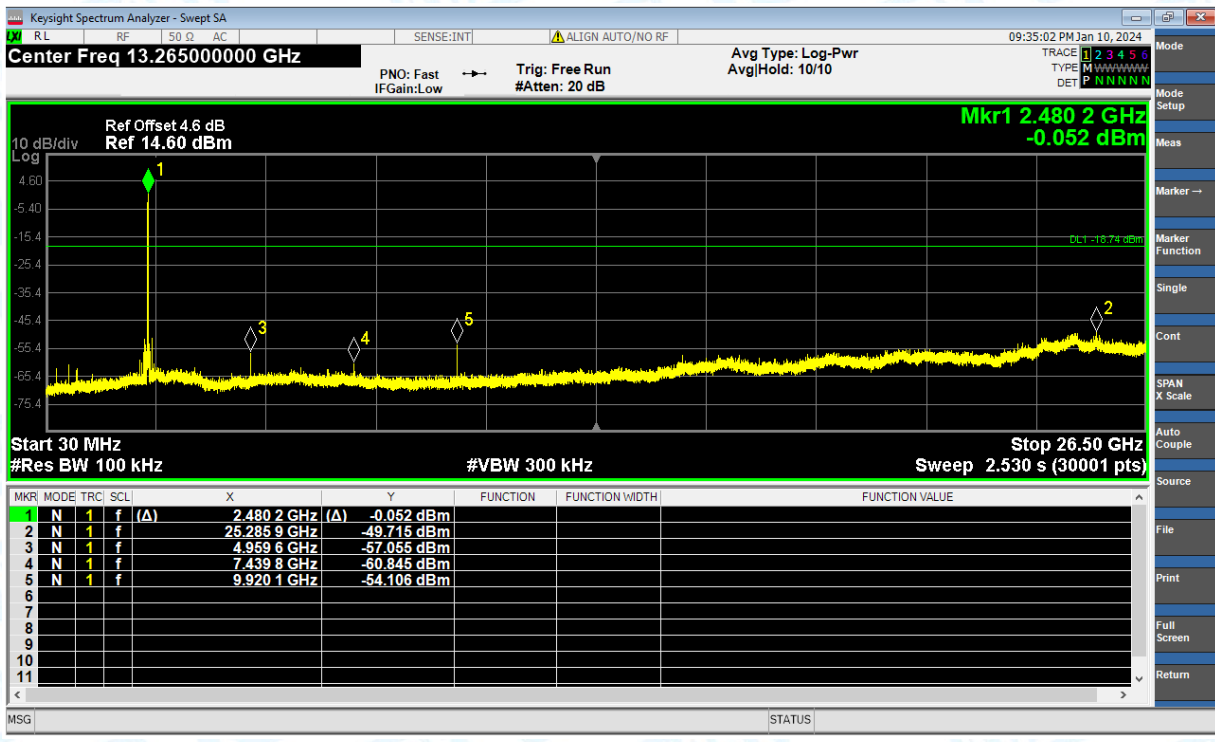
Tx. Spurious NVNT 3-DH1 2441MHz Ant1 Emission



Tx. Spurious NVNT 3-DH1 2480MHz Ant1 Ref



Tx. Spurious NVNT 3-DH1 2480MHz Ant1 Emission

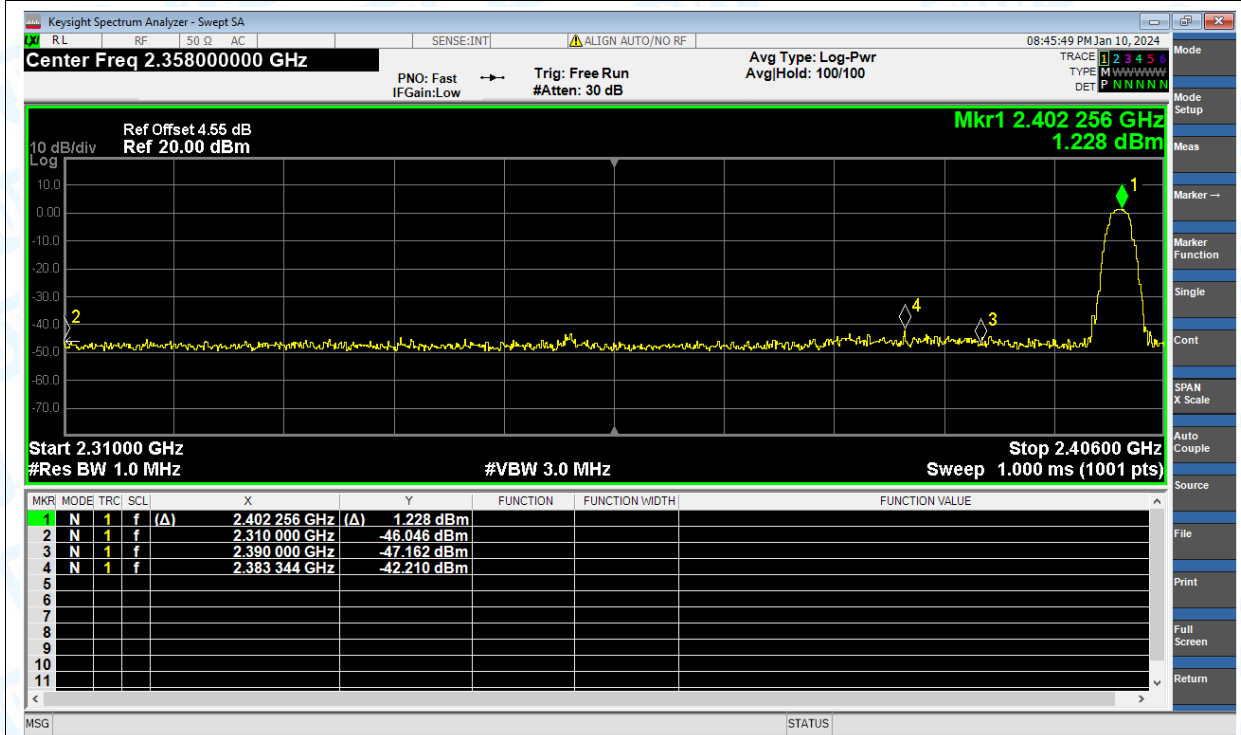


8. Restrict Band

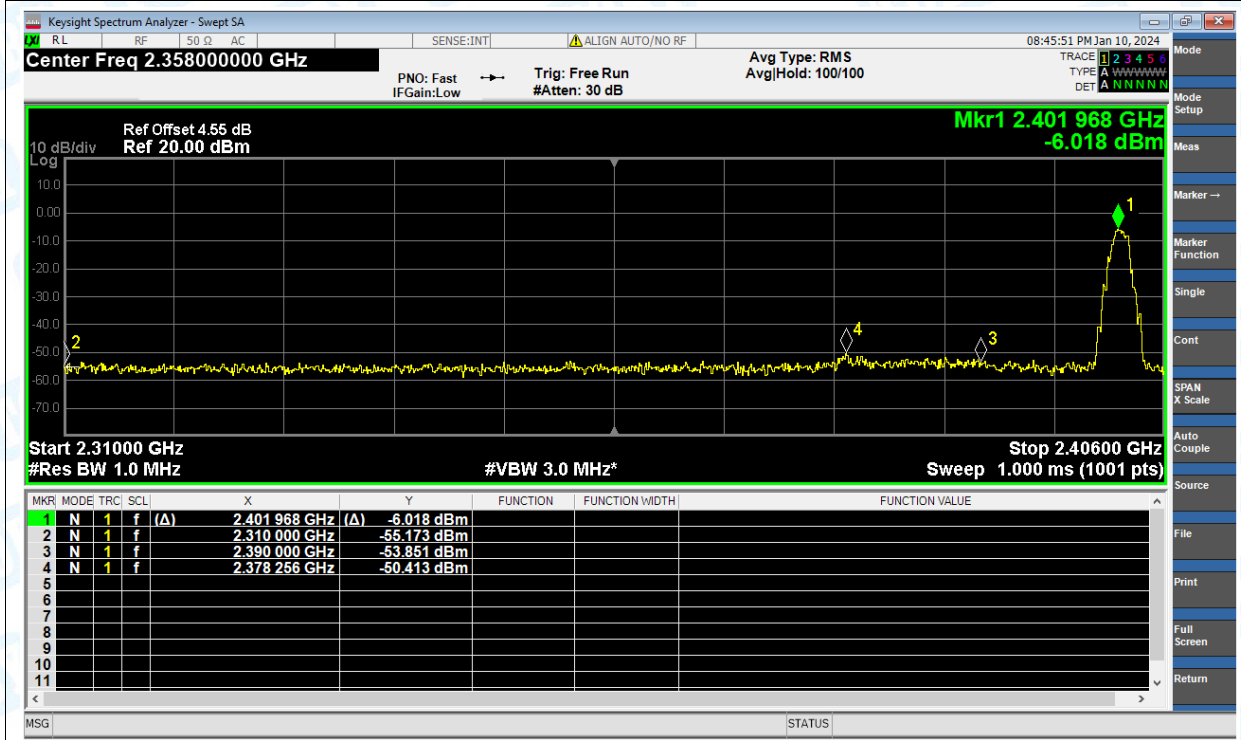
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	Duty Factor (dB)	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
NVNT	1-DH1	2402	Ant1	No-Hopping	2310	-46.05	2	-	51.21	Peak	74	Pass
NVNT	1-DH1	2402	Ant1	No-Hopping	2310	-55.17	2	5.29	47.38	Average	54	Pass
NVNT	1-DH1	2402	Ant1	No-Hopping	2383.344	-42.21	2	-	55.05	Peak	74	Pass
NVNT	1-DH1	2402	Ant1	No-Hopping	2378.256	-50.41	2	5.29	52.14	Average	54	Pass
NVNT	1-DH1	2402	Ant1	No-Hopping	2390	-47.16	2	-	50.1	Peak	74	Pass
NVNT	1-DH1	2402	Ant1	No-Hopping	2390	-53.85	2	5.29	48.7	Average	54	Pass
NVNT	1-DH1	2480	Ant1	No-Hopping	2483.5	-47.3	2	-	49.96	Peak	74	Pass
NVNT	1-DH1	2480	Ant1	No-Hopping	2483.5	-55.38	2	5.17	47.05	Average	54	Pass
NVNT	1-DH1	2480	Ant1	No-Hopping	2499.784	-40.93	2	-	56.33	Peak	74	Pass
NVNT	1-DH1	2480	Ant1	No-Hopping	2497.336	-53.01	2	5.17	49.42	Average	54	Pass
NVNT	1-DH1	2480	Ant1	No-Hopping	2500	-45.72	2	-	51.54	Peak	74	Pass
NVNT	1-DH1	2480	Ant1	No-Hopping	2500	-54.28	2	5.17	48.15	Average	54	Pass
NVNT	2-DH1	2402	Ant1	No-Hopping	2310	-48.02	2	-	49.24	Peak	74	Pass
NVNT	2-DH1	2402	Ant1	No-Hopping	2310	-54.78	2	5.06	47.54	Average	54	Pass
NVNT	2-DH1	2402	Ant1	No-Hopping	2381.424	-41.81	2	-	55.45	Peak	74	Pass
NVNT	2-DH1	2402	Ant1	No-Hopping	2384.4	-52.06	2	5.06	50.26	Average	54	Pass
NVNT	2-DH1	2402	Ant1	No-Hopping	2390	-45.63	2	-	51.63	Peak	74	Pass
NVNT	2-DH1	2402	Ant1	No-Hopping	2390	-54.88	2	5.06	47.44	Average	54	Pass
NVNT	2-DH1	2480	Ant1	No-Hopping	2483.5	-47.05	2	-	50.21	Peak	74	Pass
NVNT	2-DH1	2480	Ant1	No-Hopping	2483.5	-53.11	2	5.06	49.21	Average	54	Pass
NVNT	2-DH1	2480	Ant1	No-Hopping	2499.376	-41.72	2	-	55.54	Peak	74	Pass
NVNT	2-DH1	2480	Ant1	No-Hopping	2498.056	-51.42	2	5.06	50.9	Average	54	Pass
NVNT	2-DH1	2480	Ant1	No-Hopping	2500	-43.49	2	-	53.77	Peak	74	Pass
NVNT	2-DH1	2480	Ant1	No-Hopping	2500	-56.24	2	5.06	46.08	Average	54	Pass
NVNT	3-DH1	2402	Ant1	No-Hopping	2310	-47.58	2	-	49.68	Peak	74	Pass
NVNT	3-DH1	2402	Ant1	No-Hopping	2310	-57.35	2	5.06	44.97	Average	54	Pass
NVNT	3-DH1	2402	Ant1	No-Hopping	2383.44	-41.96	2	-	55.3	Peak	74	Pass
NVNT	3-DH1	2402	Ant1	No-Hopping	2380.176	-51.11	2	5.06	51.21	Average	54	Pass
NVNT	3-DH1	2402	Ant1	No-Hopping	2390	-45.01	2	-	52.25	Peak	74	Pass
NVNT	3-DH1	2402	Ant1	No-Hopping	2390	-57.08	2	5.06	45.24	Average	54	Pass
NVNT	3-DH1	2480	Ant1	No-Hopping	2483.5	-47.37	2	-	49.89	Peak	74	Pass
NVNT	3-DH1	2480	Ant1	No-Hopping	2483.5	-54.27	2	5.17	48.16	Average	54	Pass
NVNT	3-DH1	2480	Ant1	No-Hopping	2499.568	-41.27	2	-	55.99	Peak	74	Pass
NVNT	3-DH1	2480	Ant1	No-Hopping	2497.72	-51.14	2	5.17	51.29	Average	54	Pass
NVNT	3-DH1	2480	Ant1	No-Hopping	2500	-45.46	2	-	51.8	Peak	74	Pass
NVNT	3-DH1	2480	Ant1	No-Hopping	2500	-53.89	2	5.17	48.54	Average	54	Pass

Test Graphs

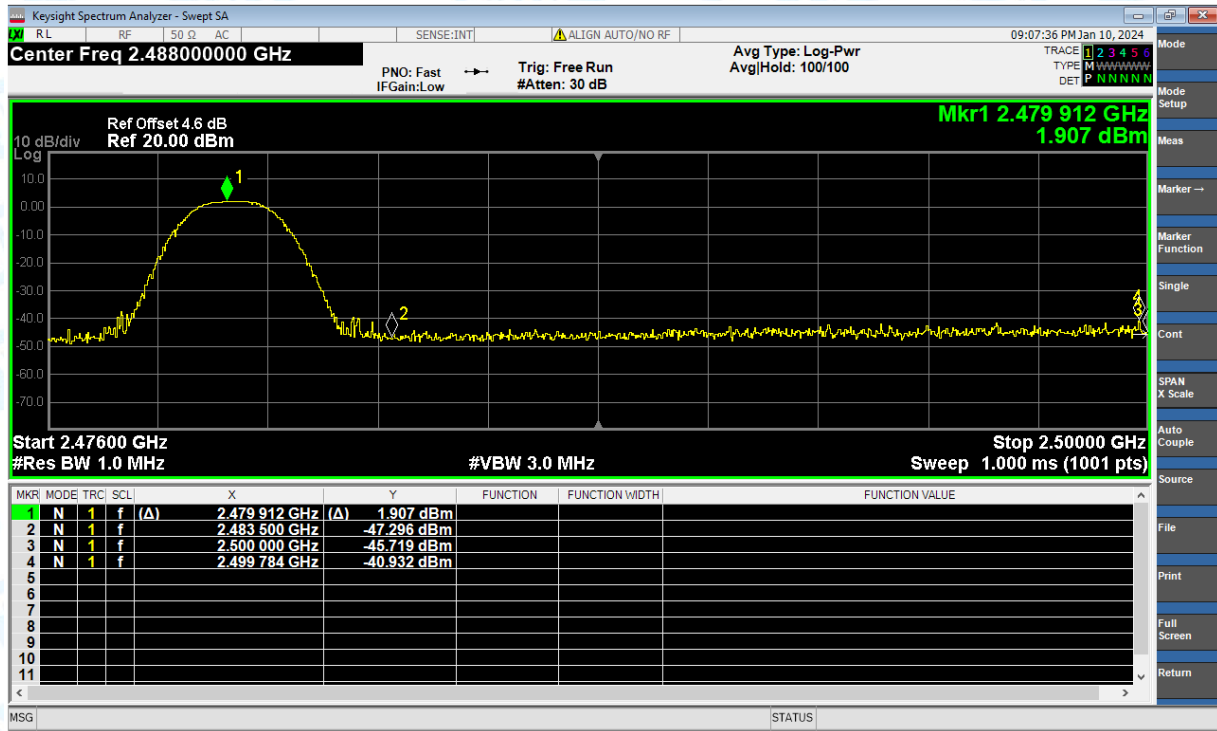
Restrict Band NVNT 1-DH1 2402MHz Ant1 No-Hopping Peak



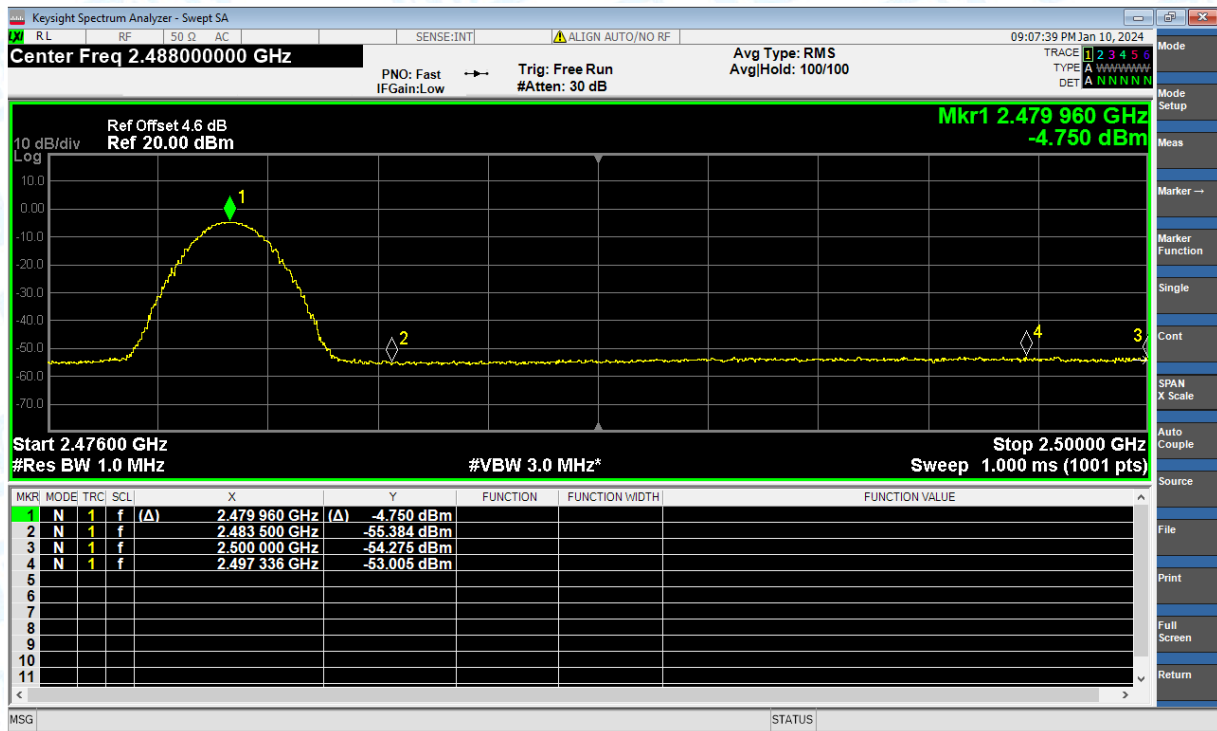
Restrict Band NVNT 1-DH1 2402MHz Ant1 No-Hopping Average

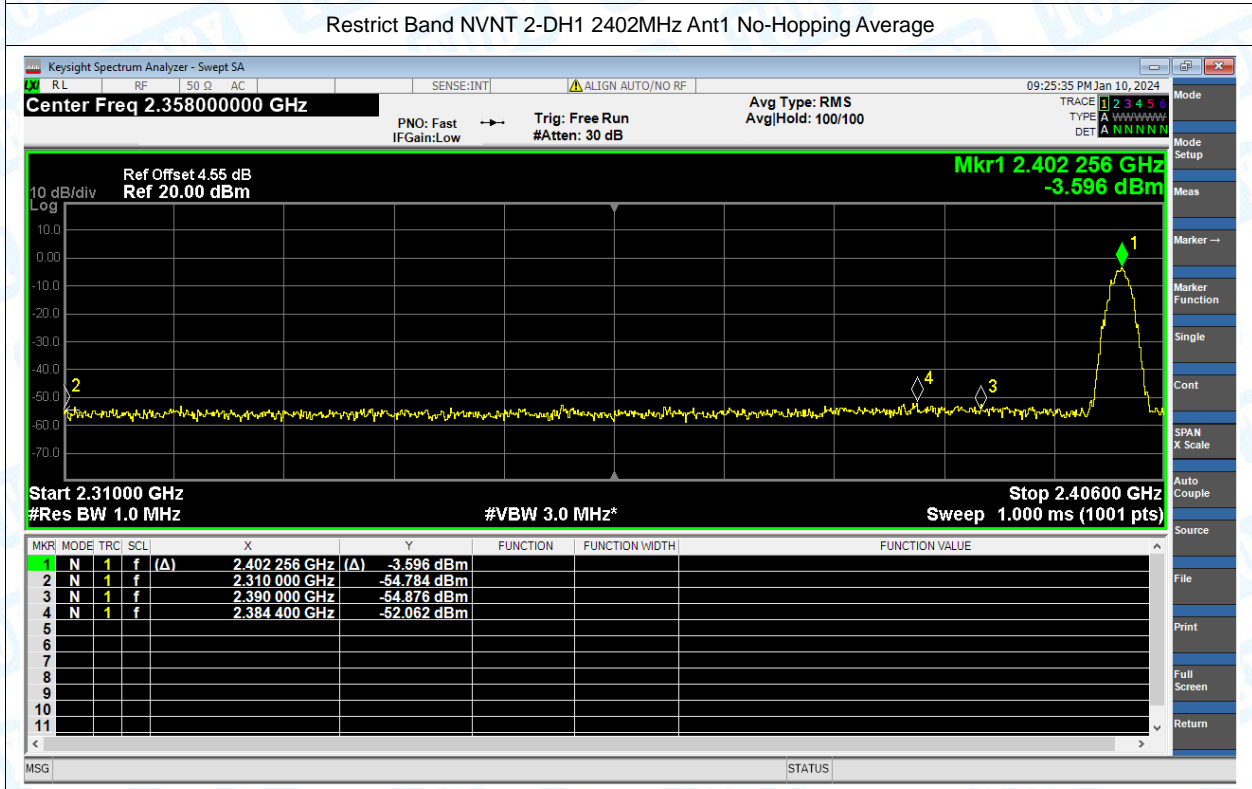
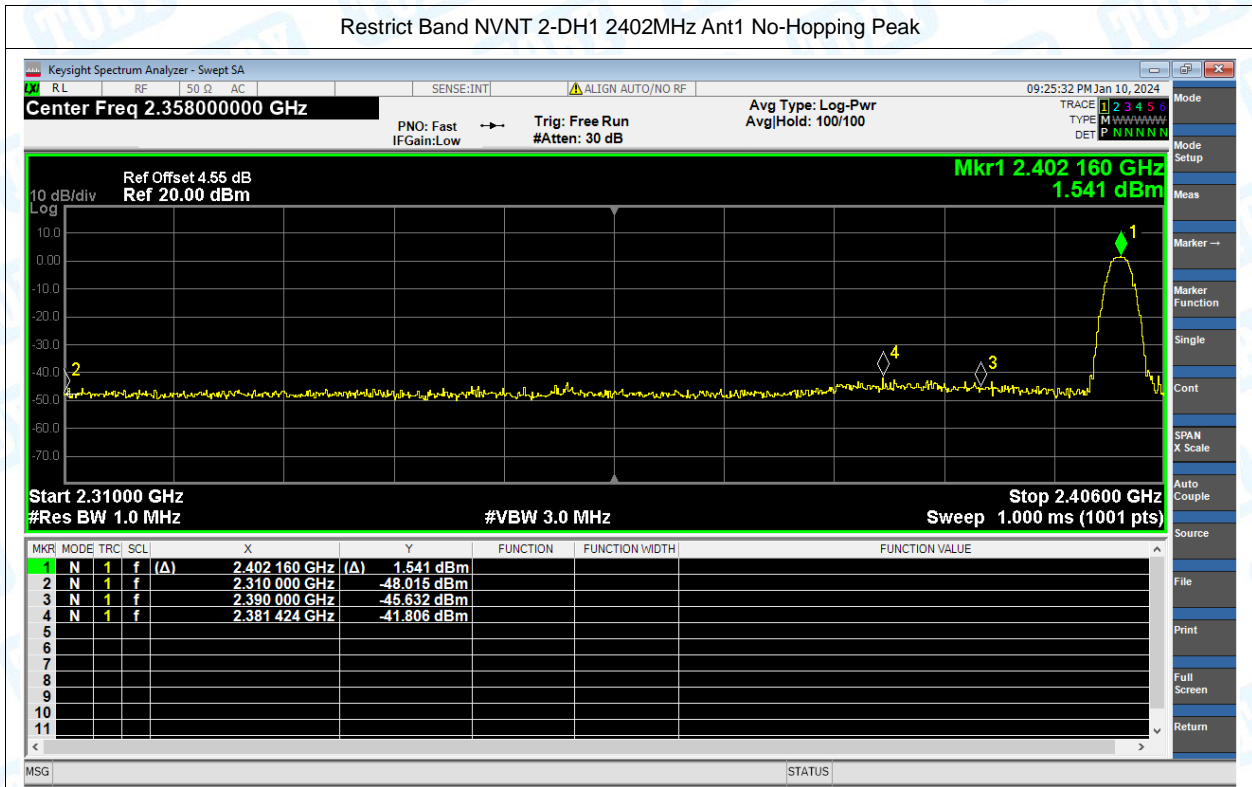


Restrict Band NVNT 1-DH1 2480MHz Ant1 No-Hopping Peak

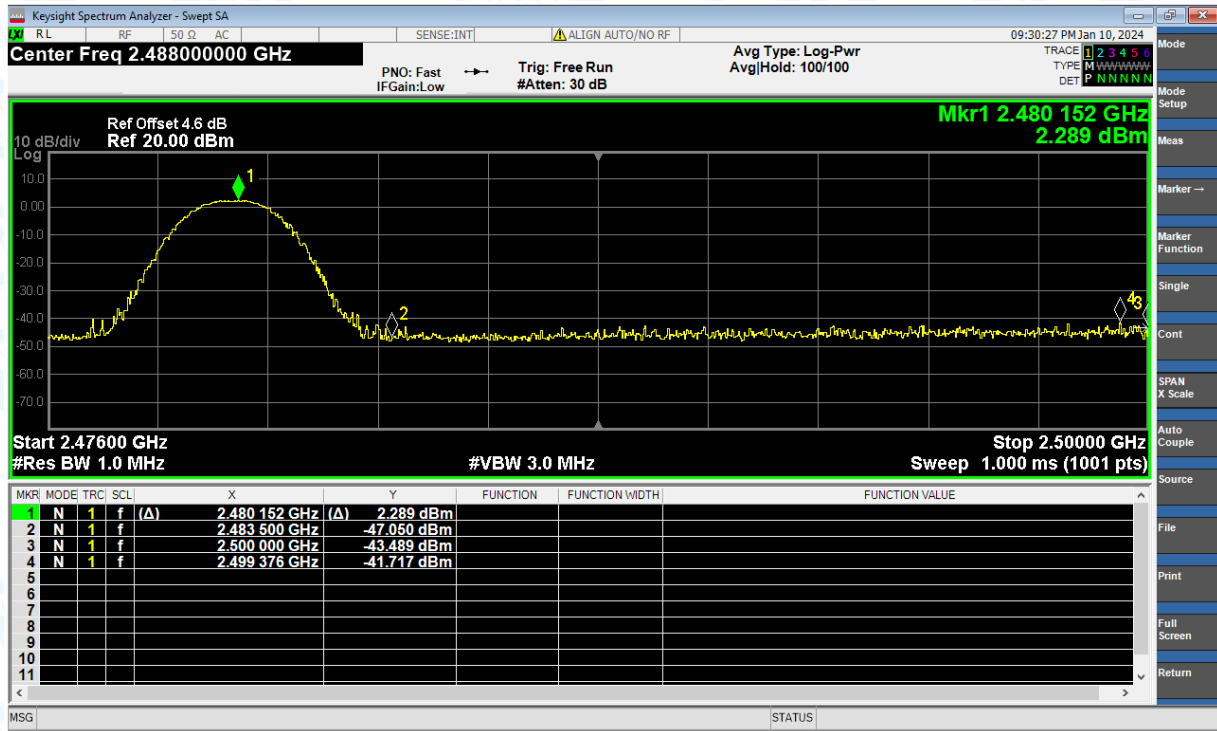


Restrict Band NVNT 1-DH1 2480MHz Ant1 No-Hopping Average

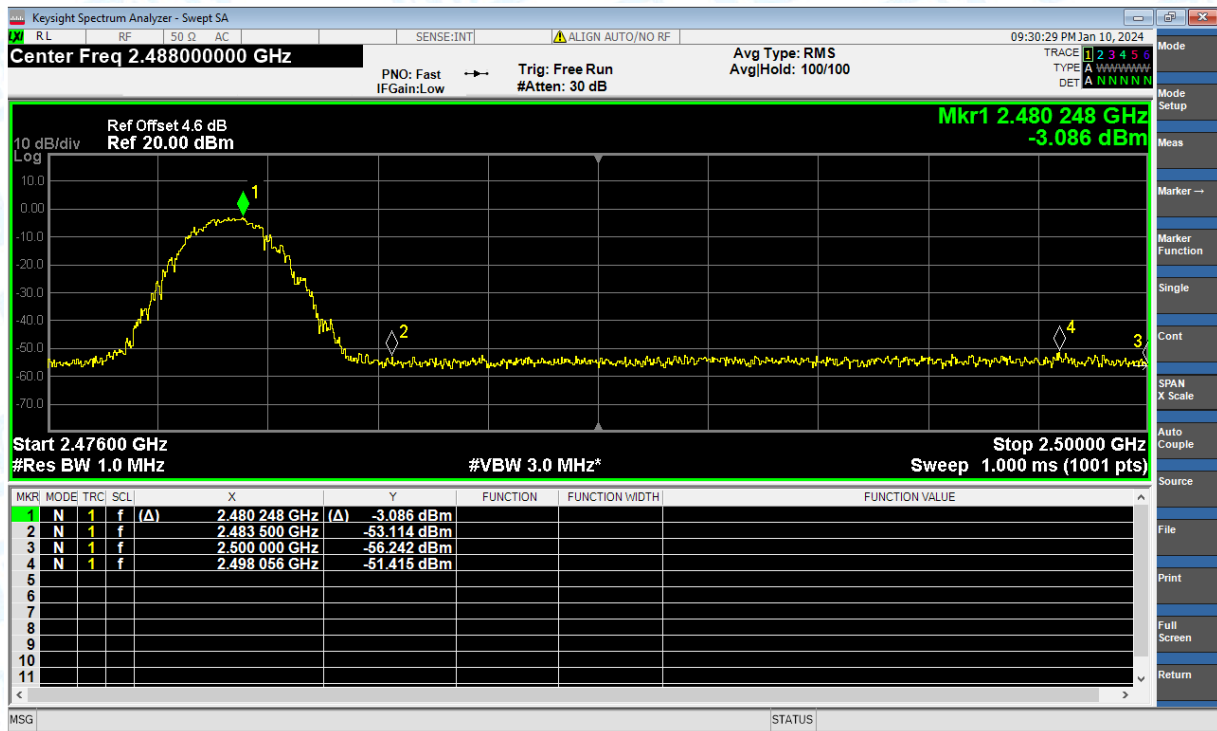




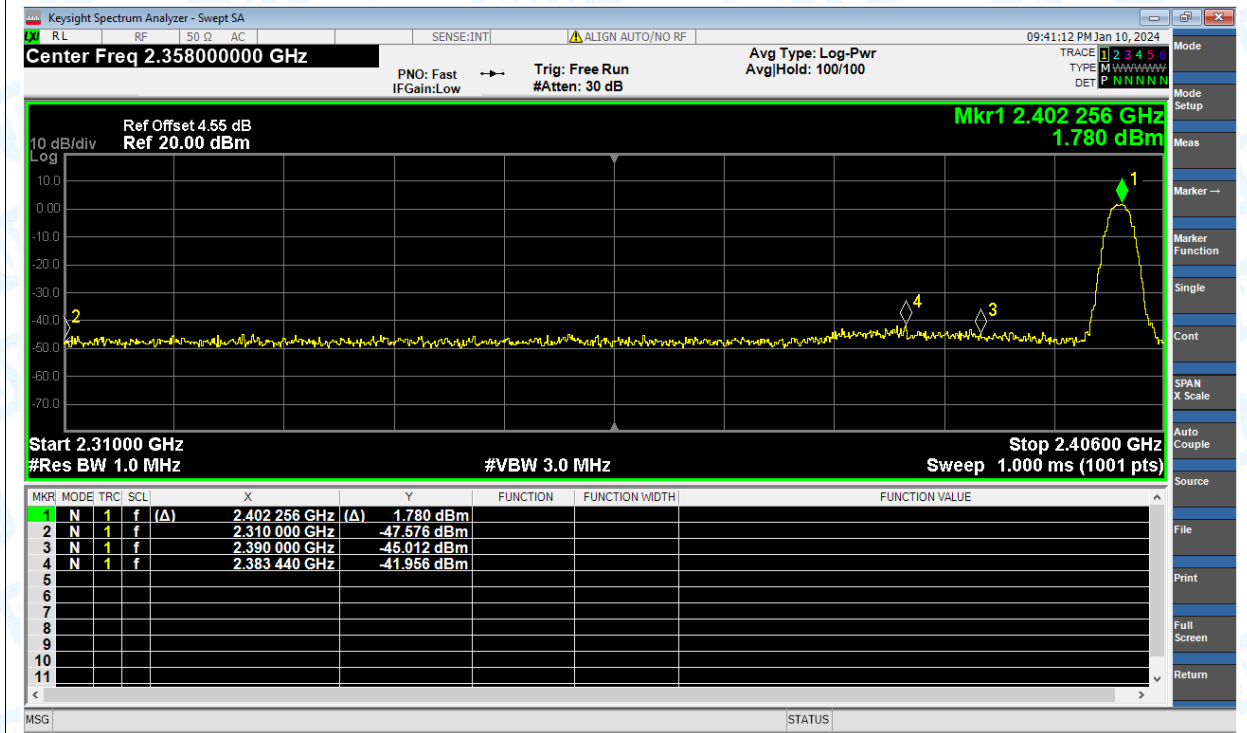
Restrict Band NVNT 2-DH1 2480MHz Ant1 No-Hopping Peak



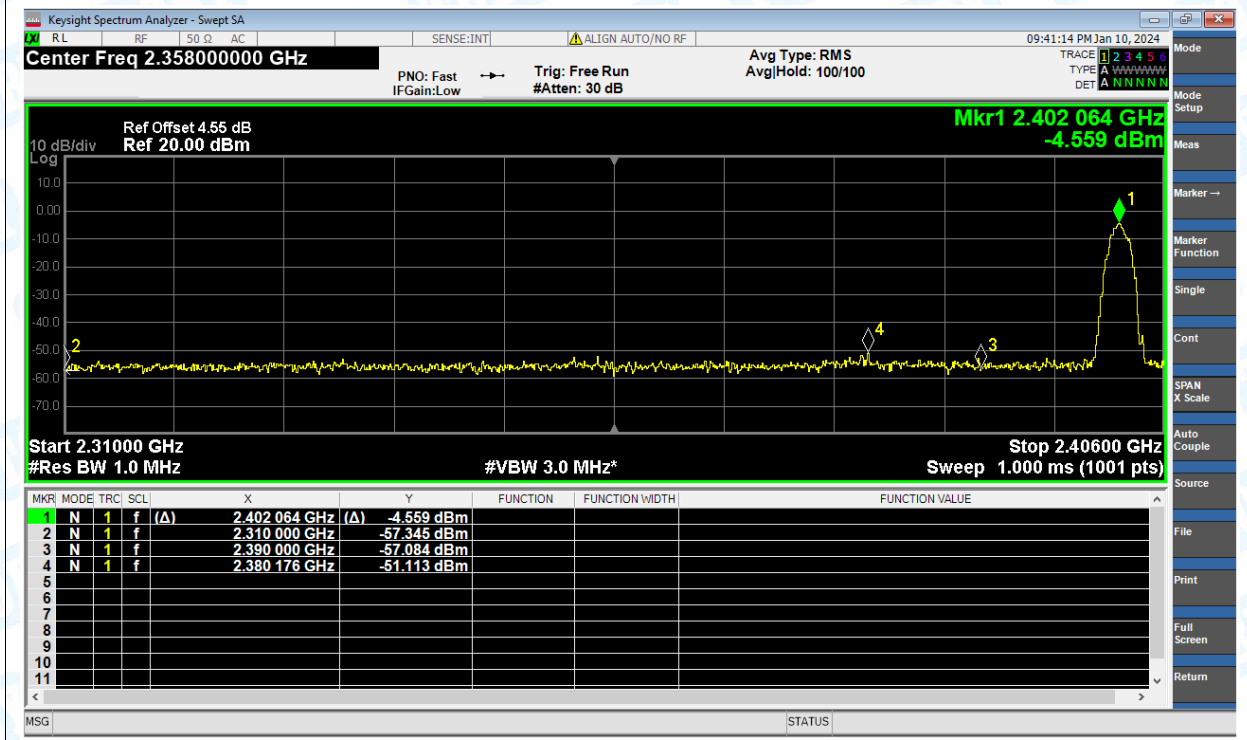
Restrict Band NVNT 2-DH1 2480MHz Ant1 No-Hopping Average



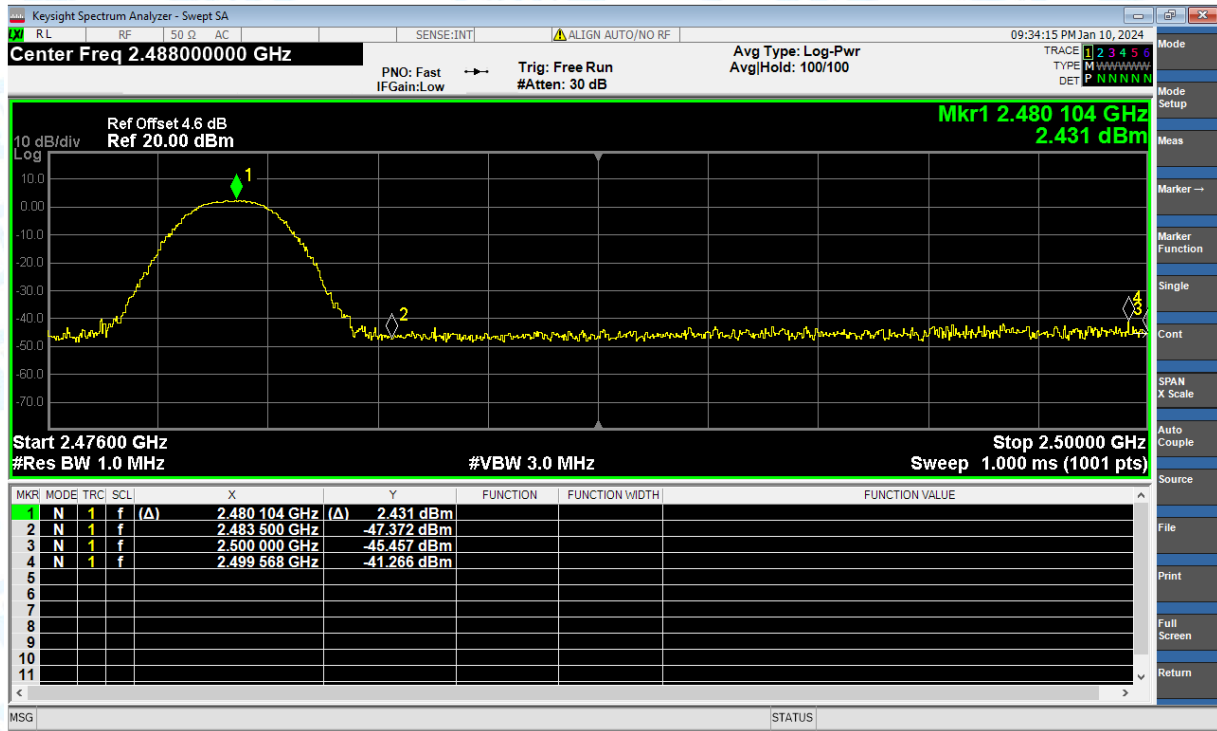
Restrict Band NVNT 3-DH1 2402MHz Ant1 No-Hopping Peak



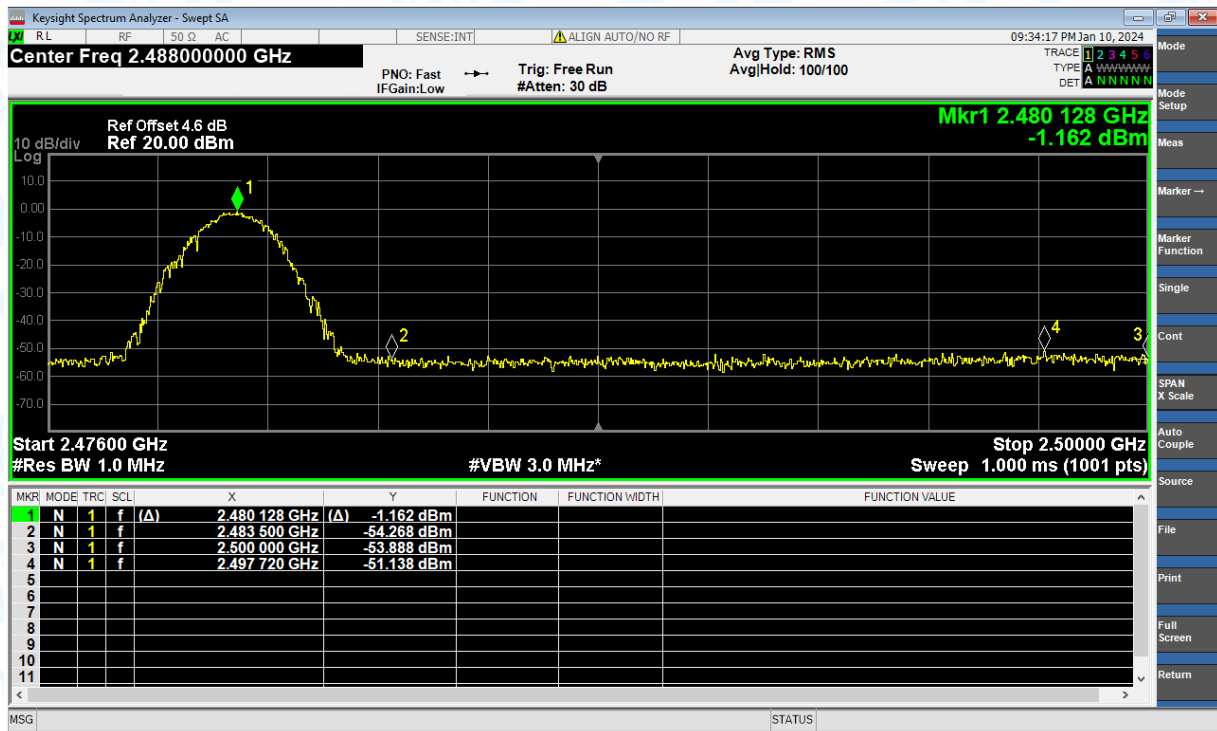
Restrict Band NVNT 3-DH1 2402MHz Ant1 No-Hopping Average



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



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

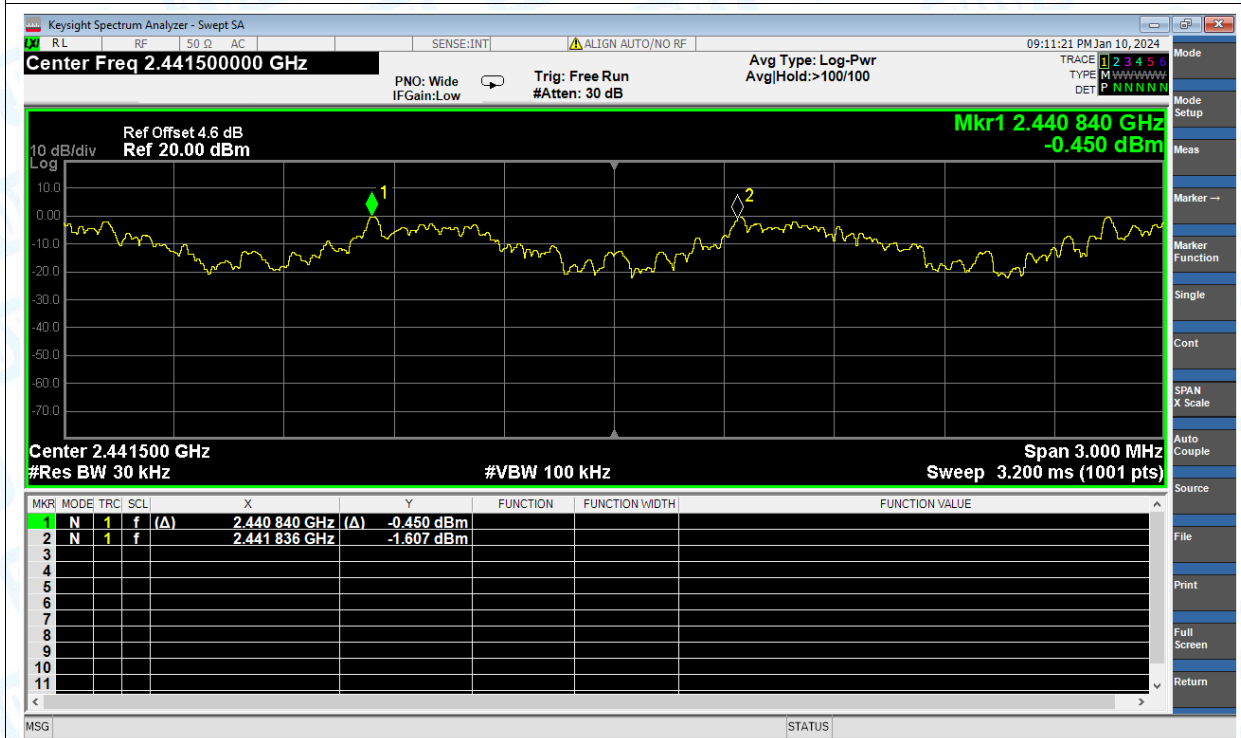


9. Carrier Frequencies Separation

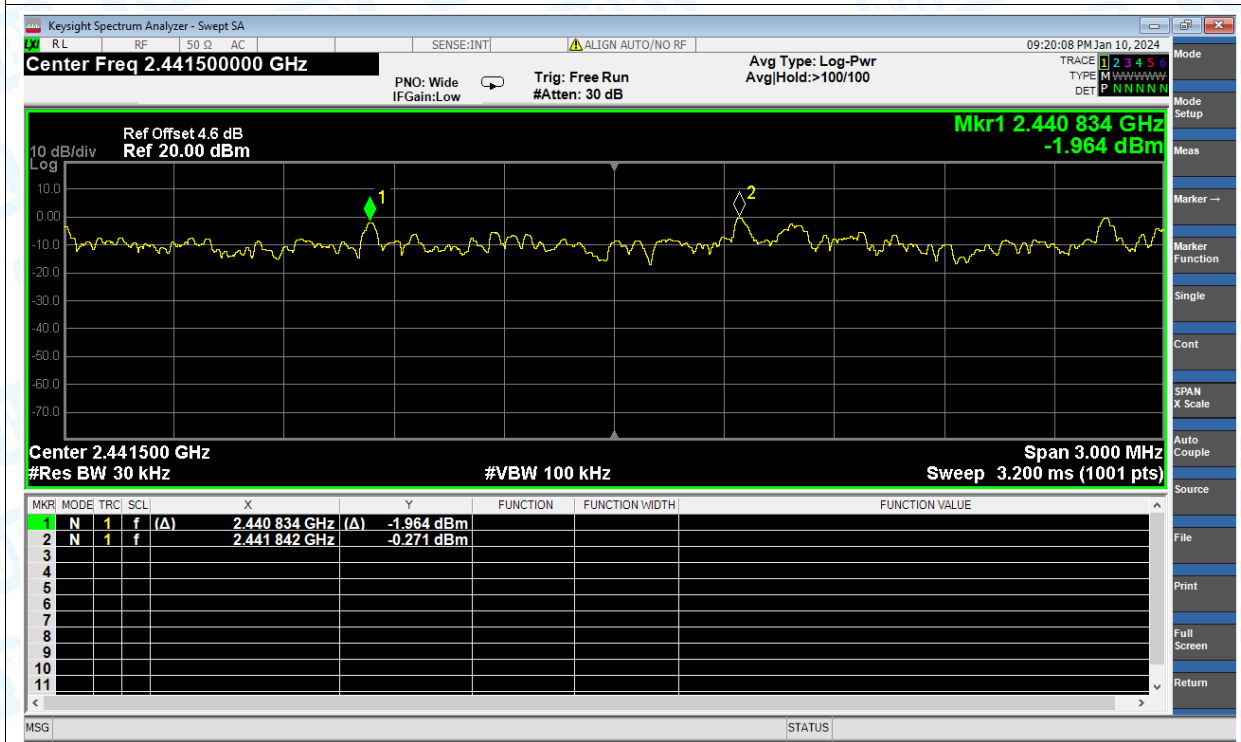
Condition	Mode	Antenna	Hopping Freq1 (MHz)	Hopping Freq2 (MHz)	HFS (MHz)	Limit (MHz)	Verdict
NVNT	1-DH1	Ant1	2440.84	2441.836	0.996	0.670	Pass
NVNT	2-DH1	Ant1	2440.834	2441.842	1.008	0.873	Pass
NVNT	3-DH1	Ant1	2440.837	2441.851	1.014	0.853	Pass

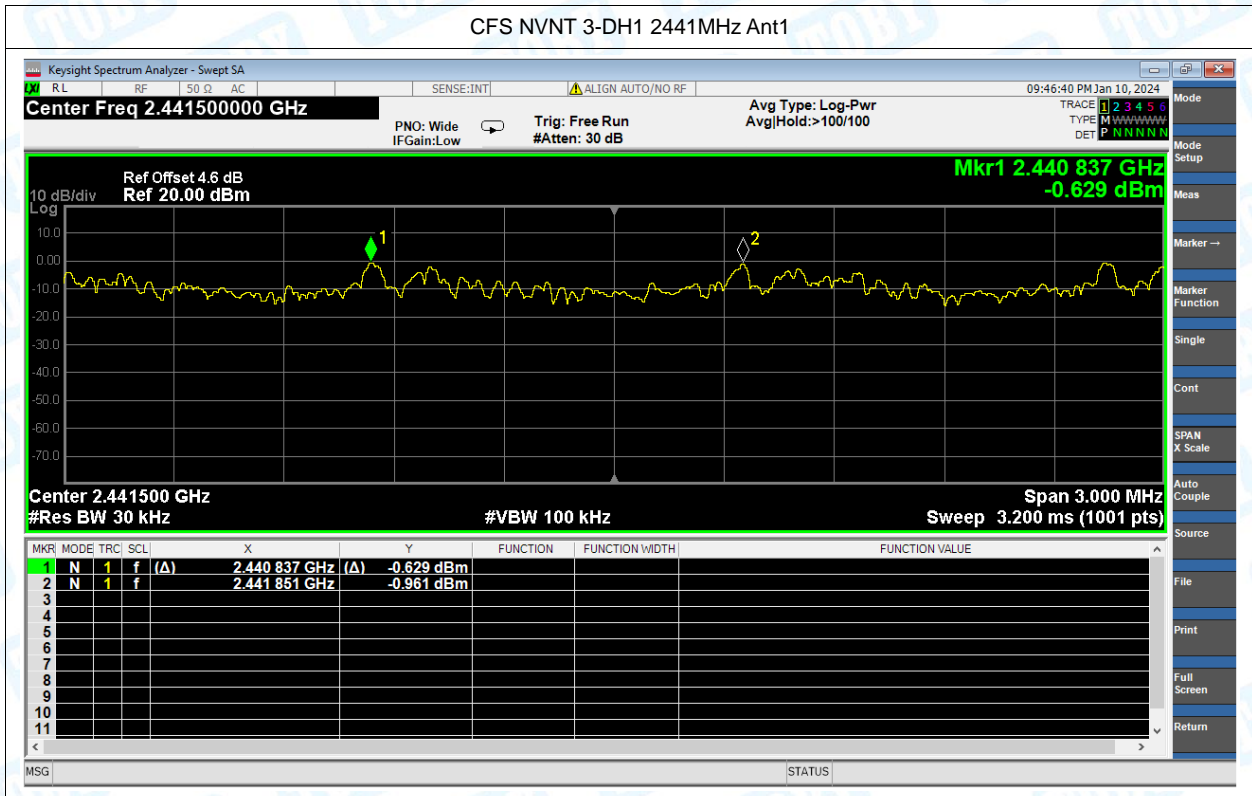
Test Graphs

CFS NVNT 1-DH1 2441MHz Ant1



CFS NVNT 2-DH1 2441MHz Ant1



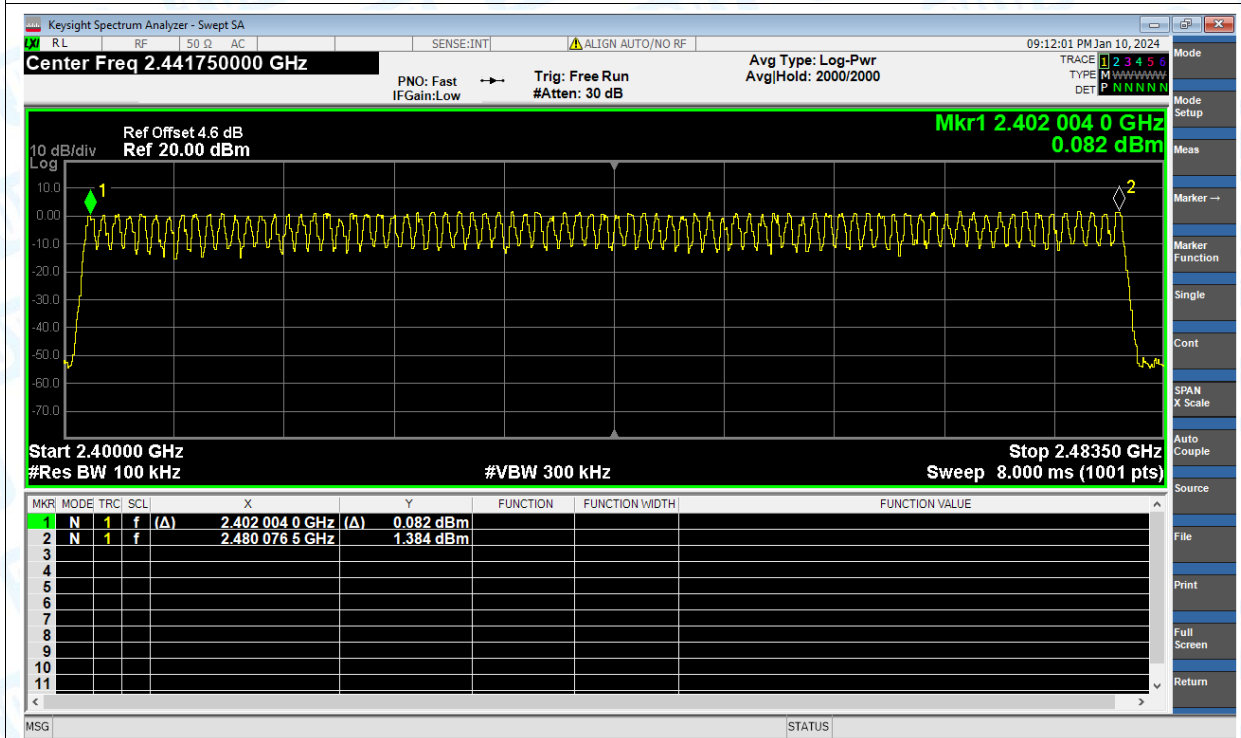


10. Number of Hopping Channel

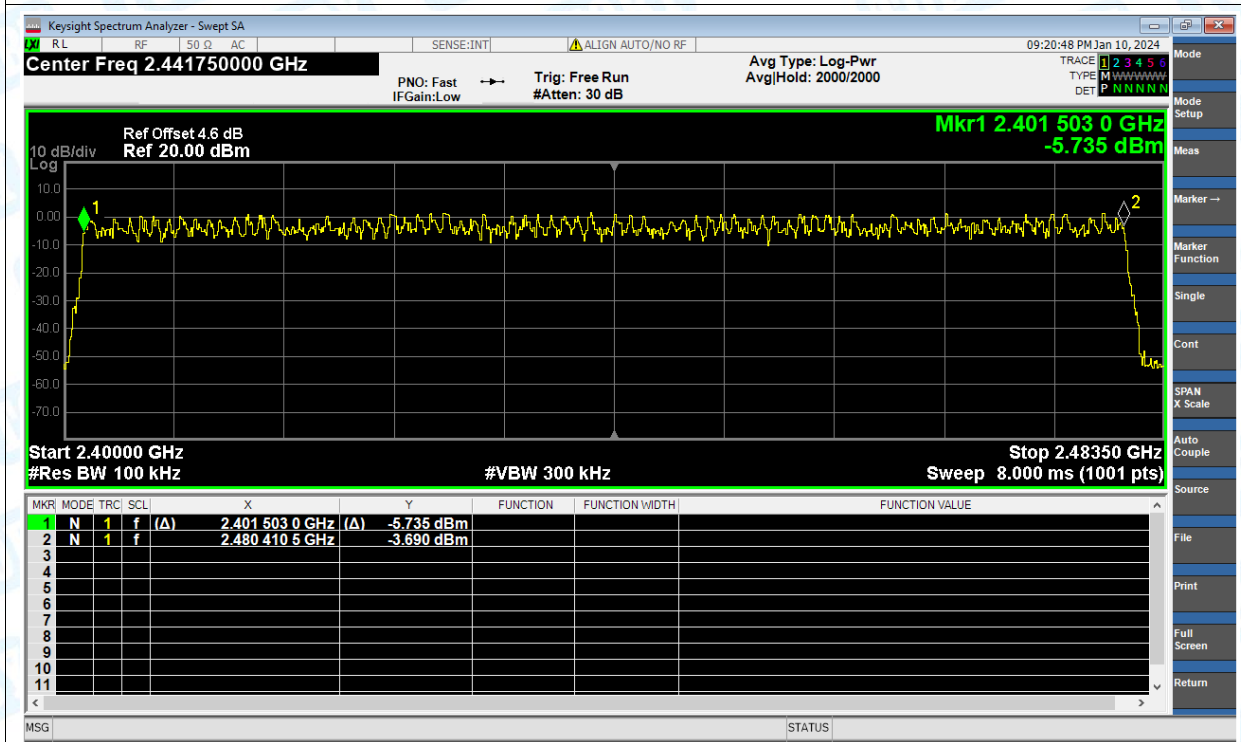
Condition	Mode	Antenna	Hopping Number	Limit	Verdict
NVNT	1-DH1	Ant1	79	15	Pass
NVNT	2-DH1	Ant1	79	15	Pass
NVNT	3-DH1	Ant1	79	15	Pass

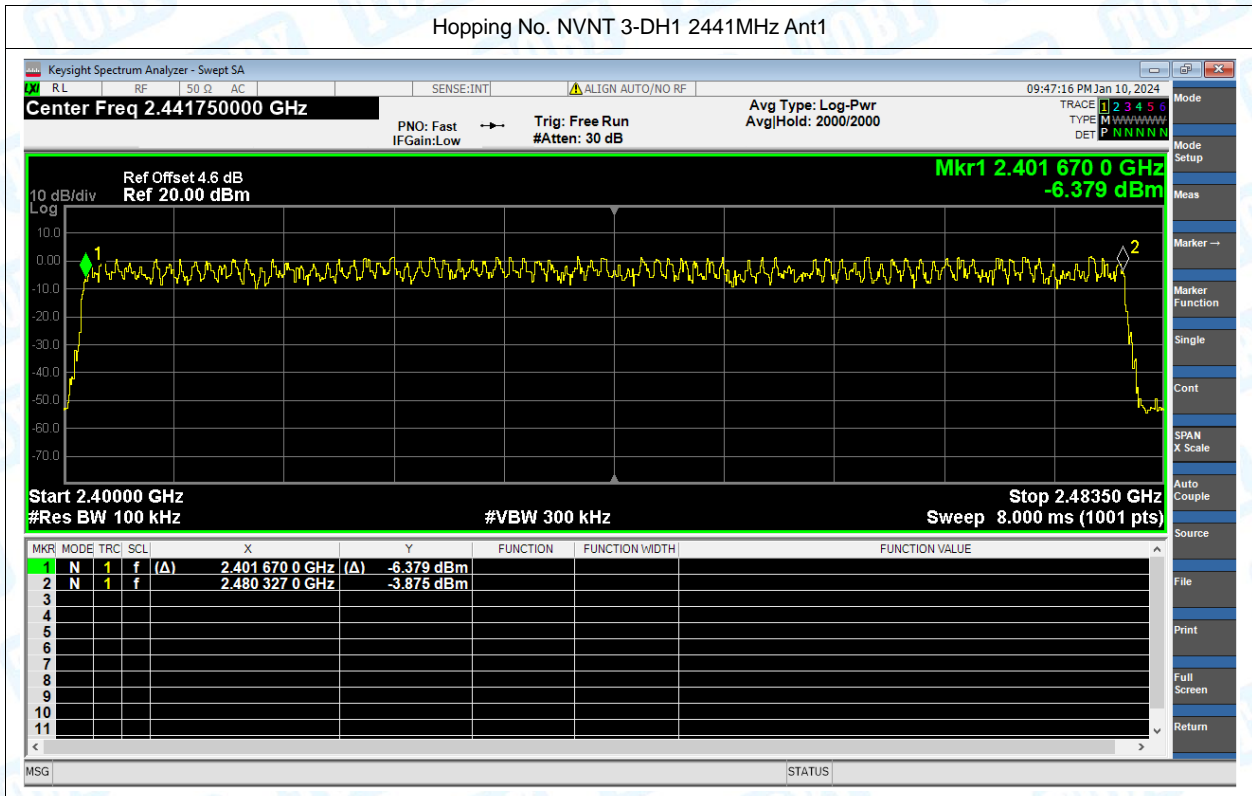
Test Graphs

Hopping No. NVNT 1-DH1 2441MHz Ant1



Hopping No. NVNT 2-DH1 2441MHz Ant1



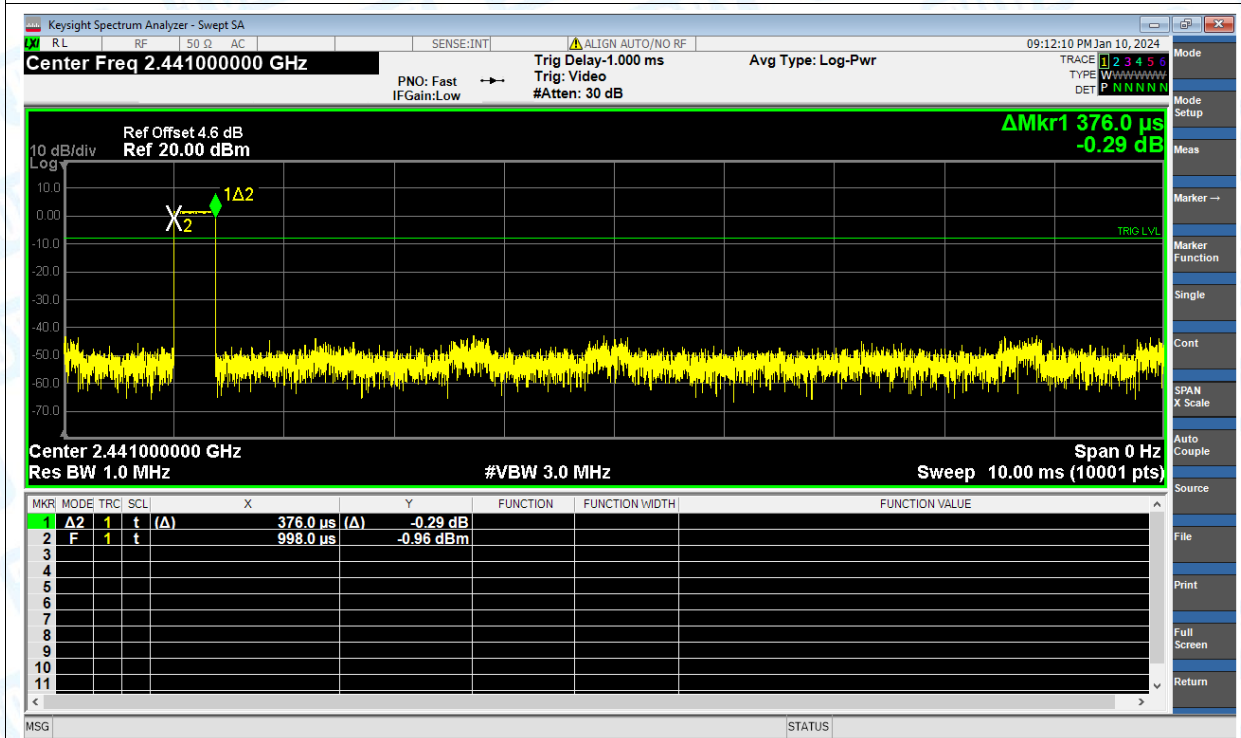


11. Dwell Time

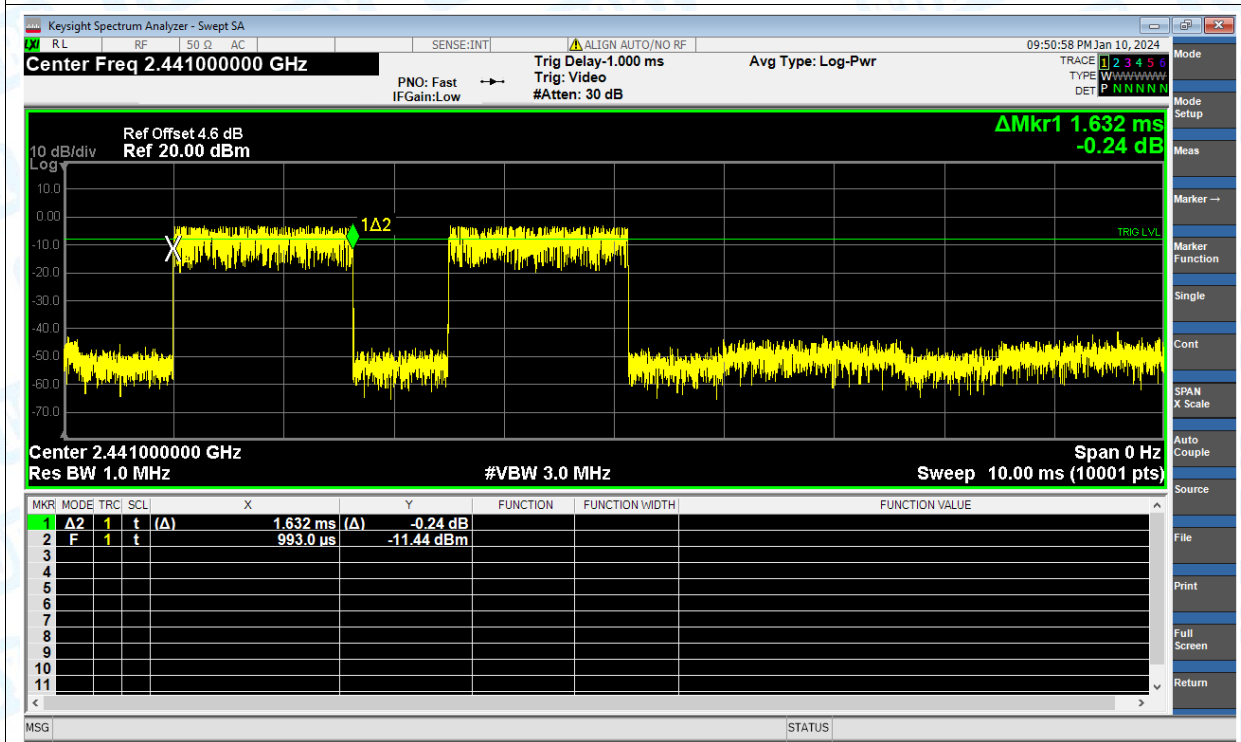
Condition	Mode	Frequency (MHz)	Antenna	Pulse Time (ms)	Total Dwell Time (ms)	Period Time (ms)	Limit (ms)	Verdict
NVNT	1-DH1	2441	Ant1	0.376	120.32	31600	400	Pass
NVNT	1-DH3	2441	Ant1	1.632	261.12	31600	400	Pass
NVNT	1-DH5	2441	Ant1	2.880	307.2	31600	400	Pass
NVNT	2-DH1	2441	Ant1	0.385	123.2	31600	400	Pass
NVNT	2-DH3	2441	Ant1	1.635	261.6	31600	400	Pass
NVNT	2-DH5	2441	Ant1	2.886	307.84	31600	400	Pass
NVNT	3-DH1	2441	Ant1	0.387	123.84	31600	400	Pass
NVNT	3-DH3	2441	Ant1	1.636	261.76	31600	400	Pass
NVNT	3-DH5	2441	Ant1	2.886	307.84	31600	400	Pass

Test Graphs

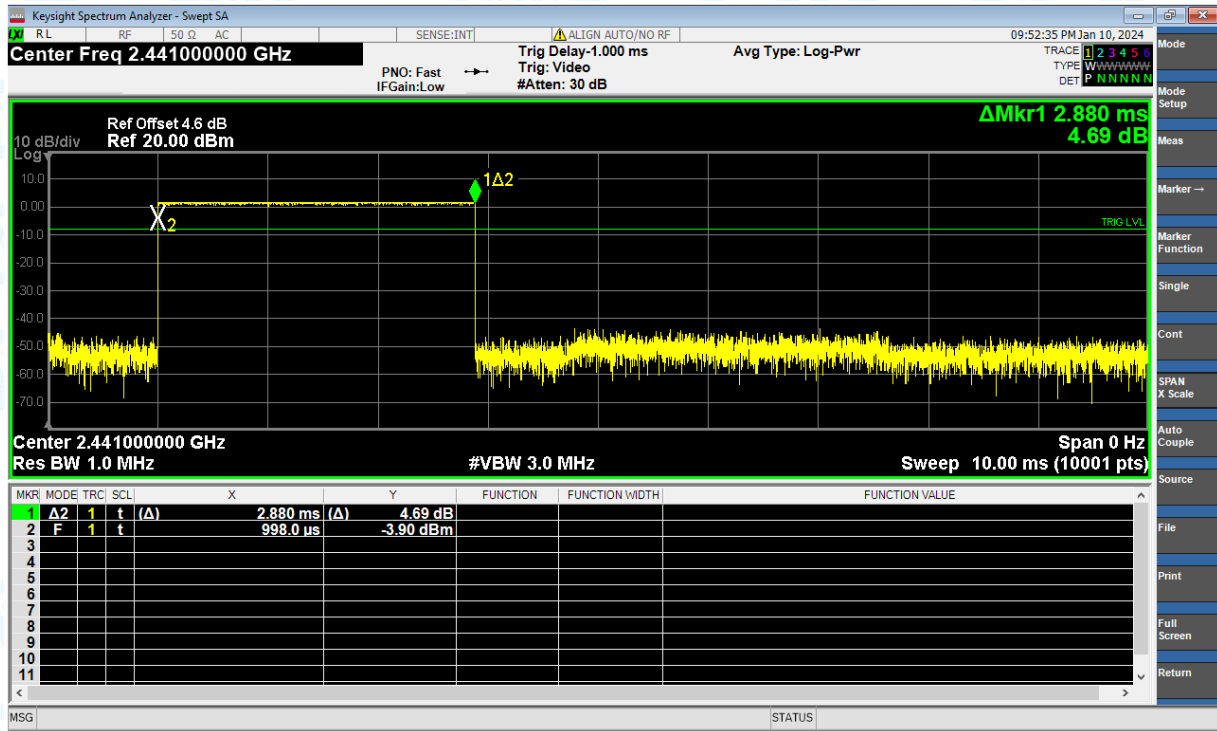
Dwell NVNT 1-DH1 2441MHz Ant1



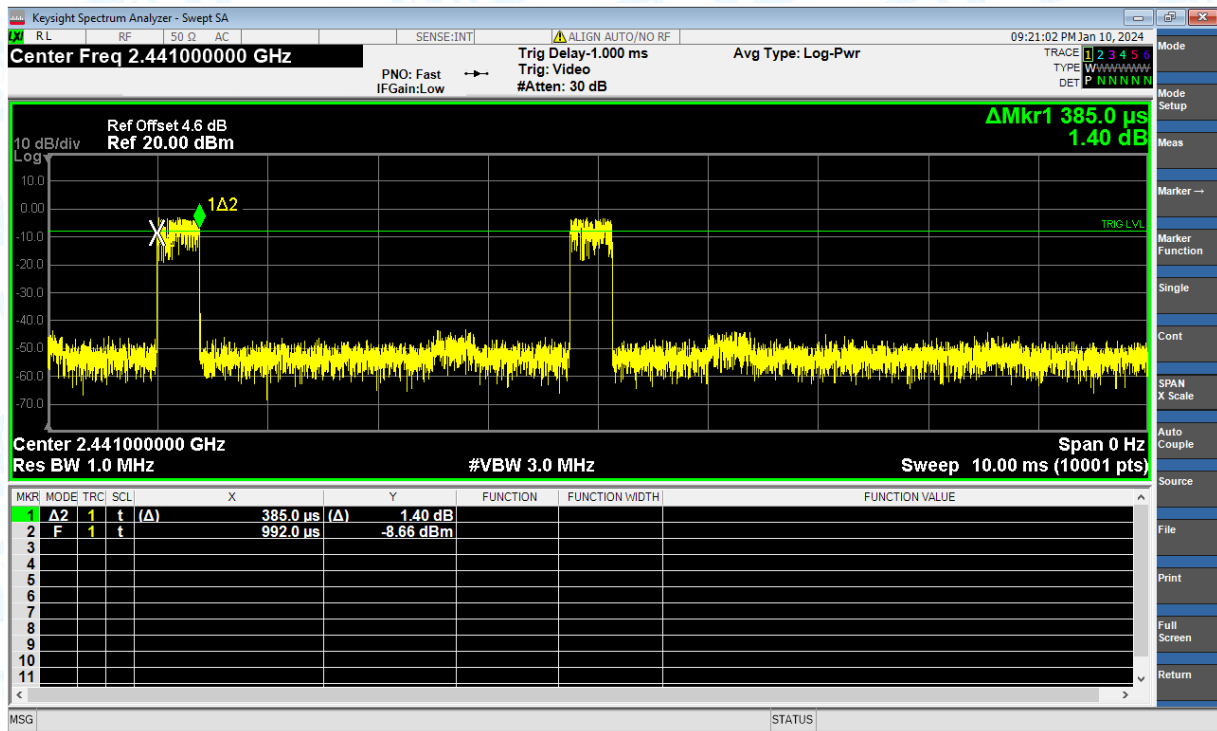
Dwell NVNT 1-DH3 2441MHz Ant1



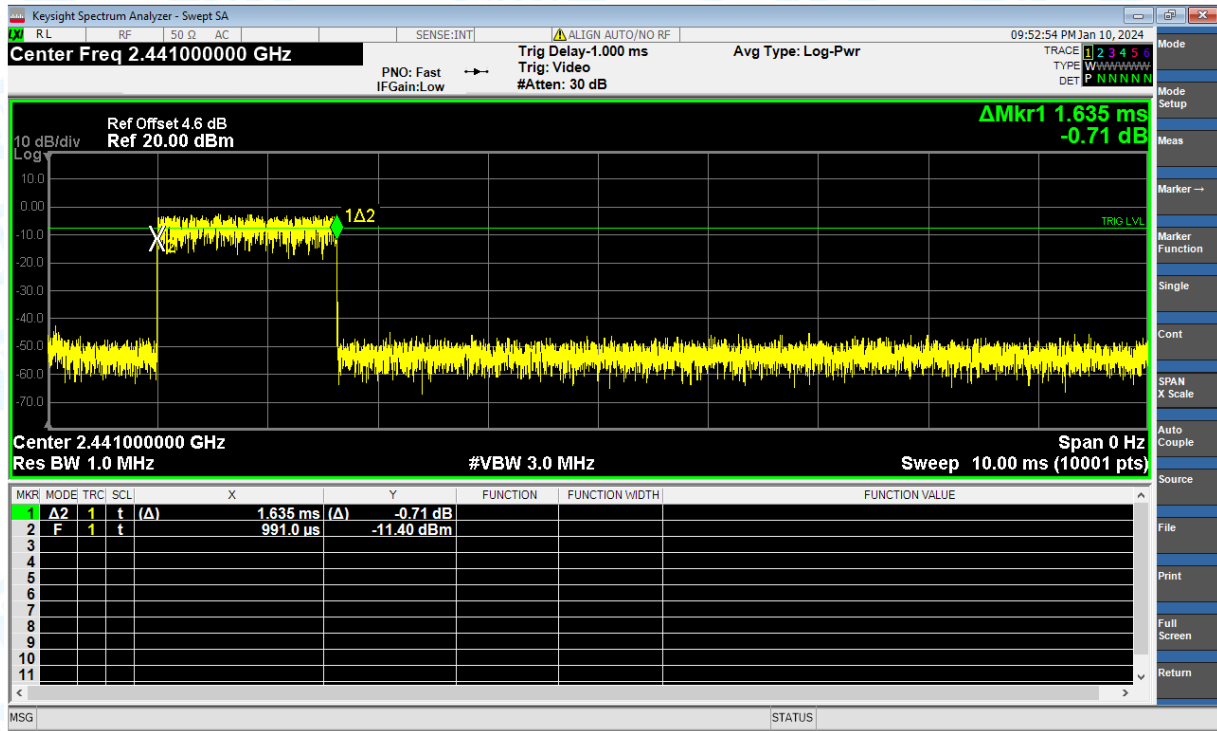
Dwell NVNT 1-DH5 2441MHz Ant1



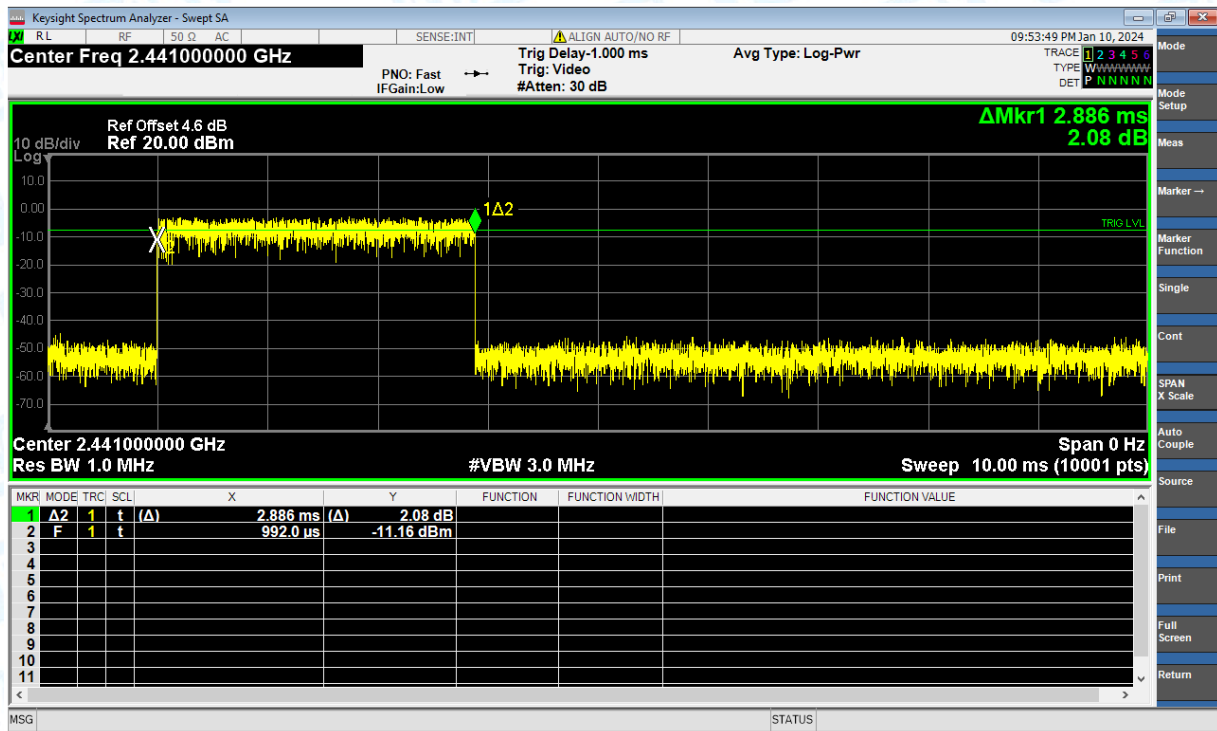
Dwell NVNT 2-DH1 2441MHz Ant1



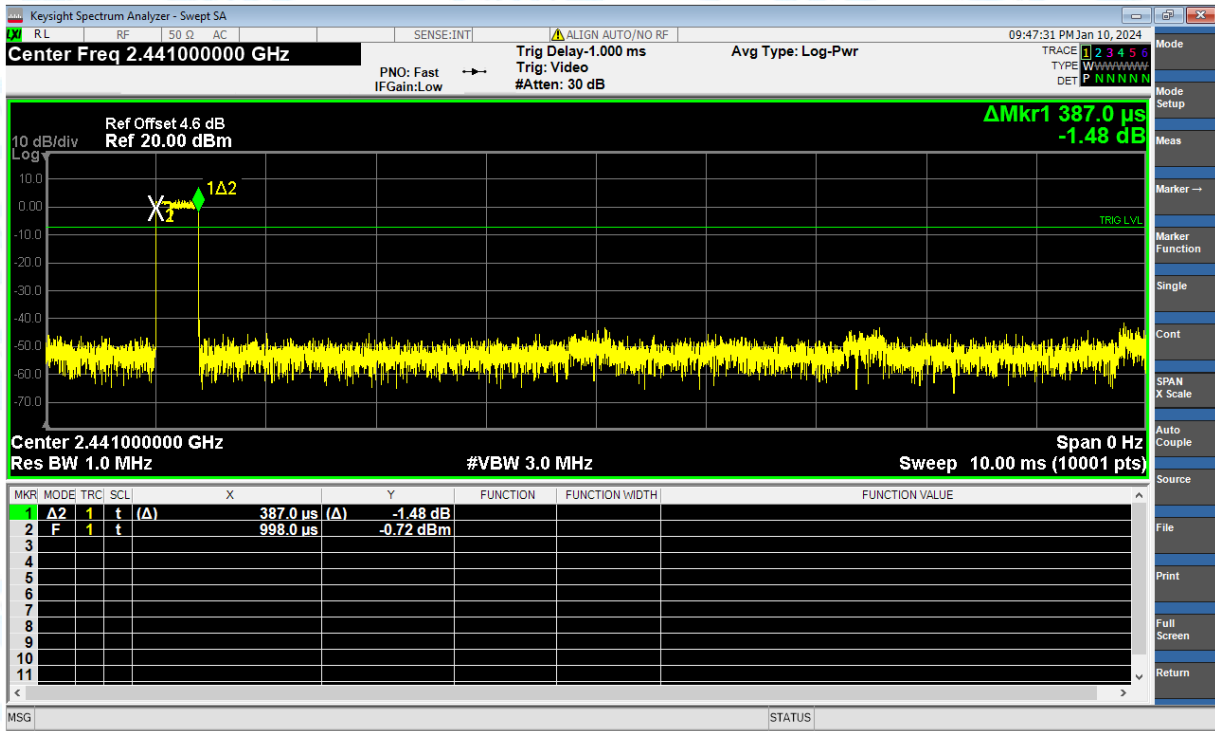
Dwell NVNT 2-DH3 2441MHz Ant1



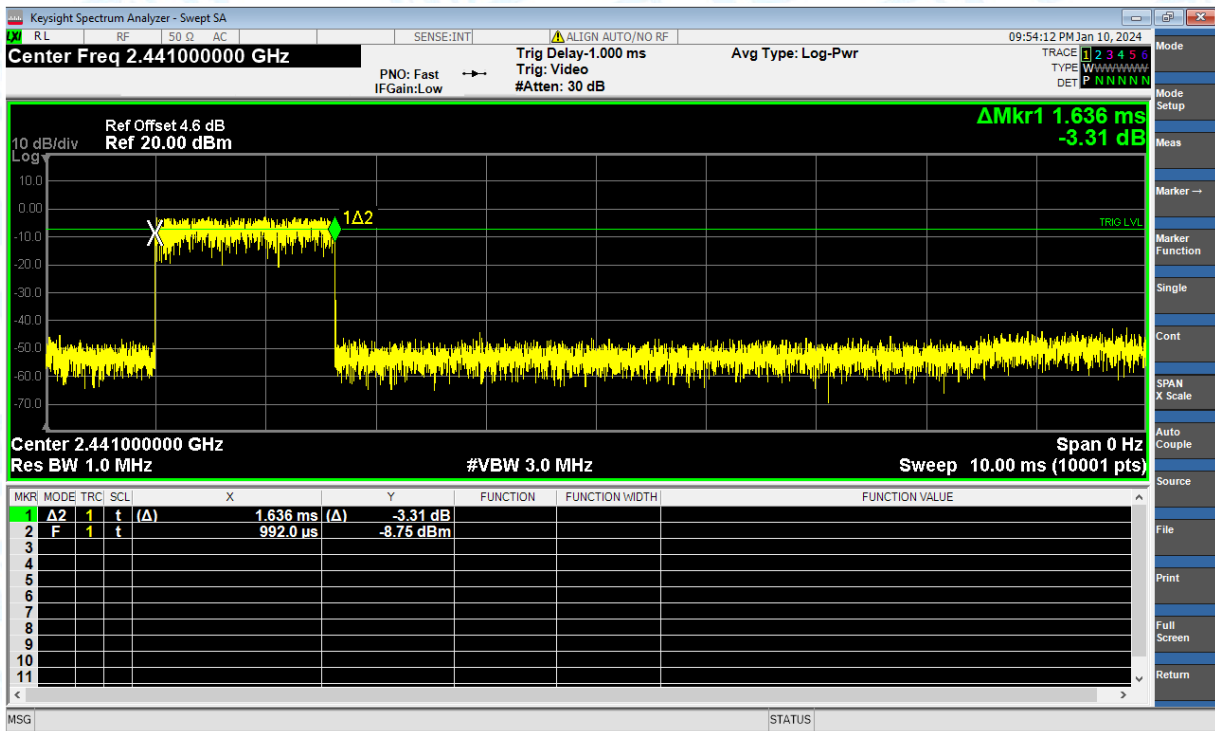
Dwell NVNT 2-DH5 2441MHz Ant1

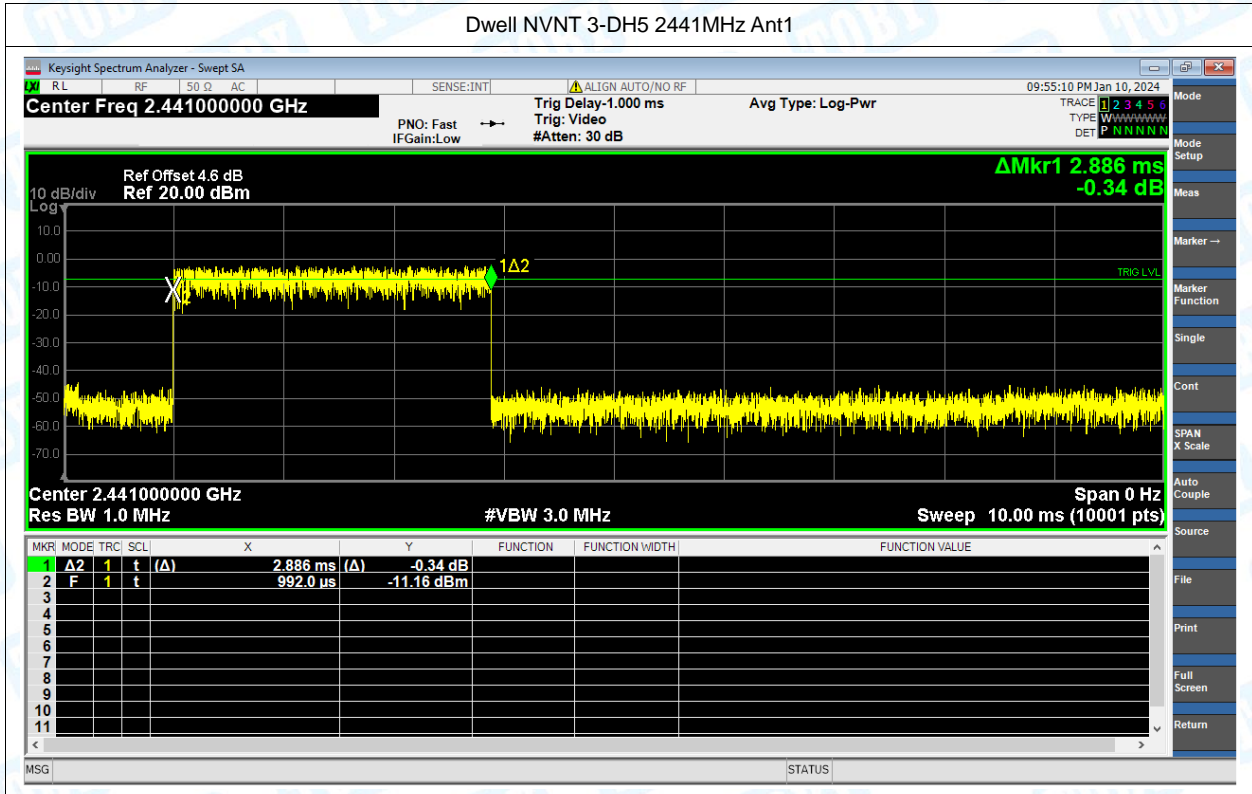


Dwell NVNT 3-DH1 2441MHz Ant1



Dwell NVNT 3-DH3 2441MHz Ant1





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