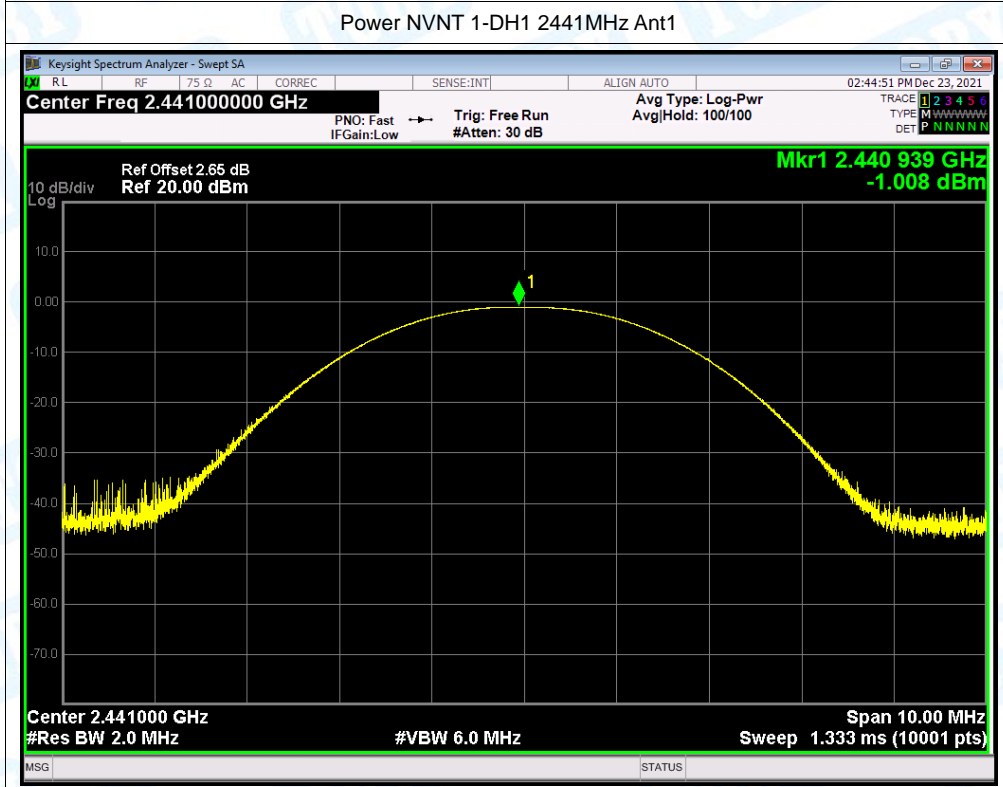
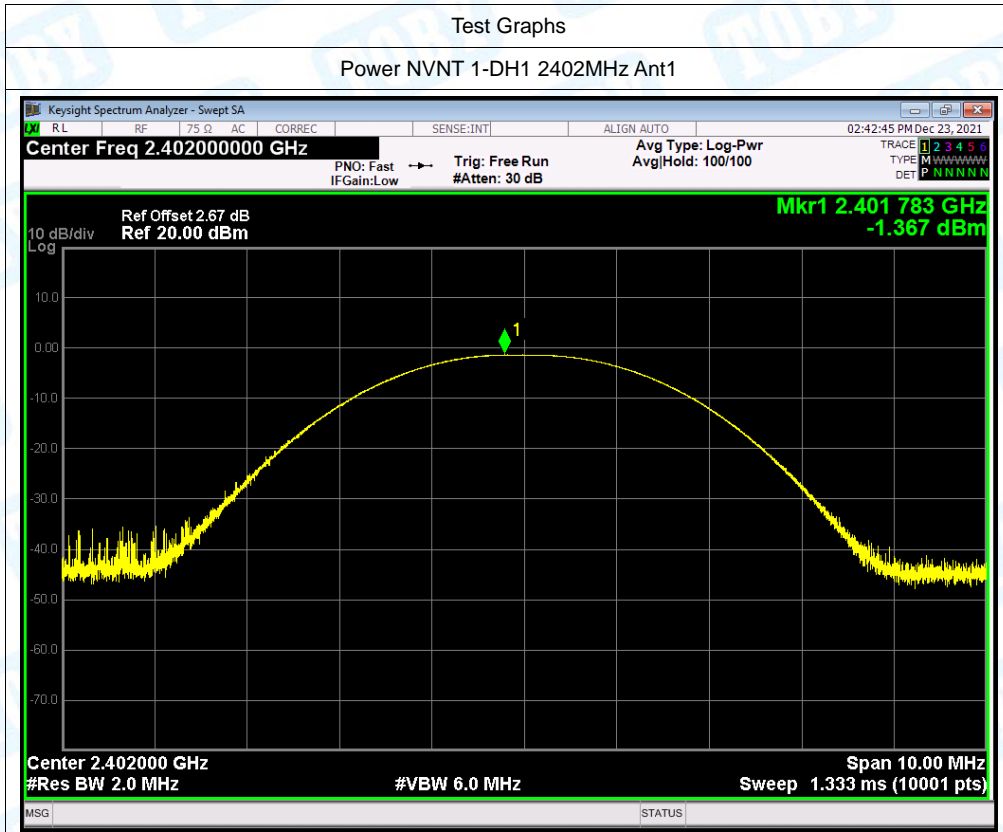


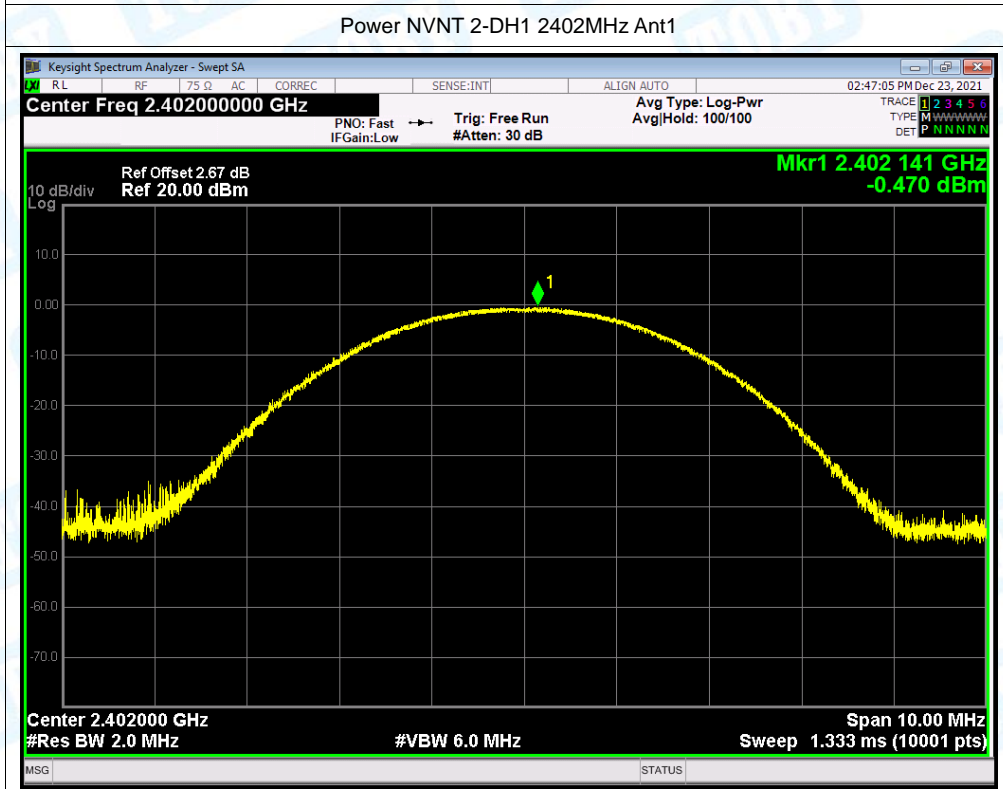
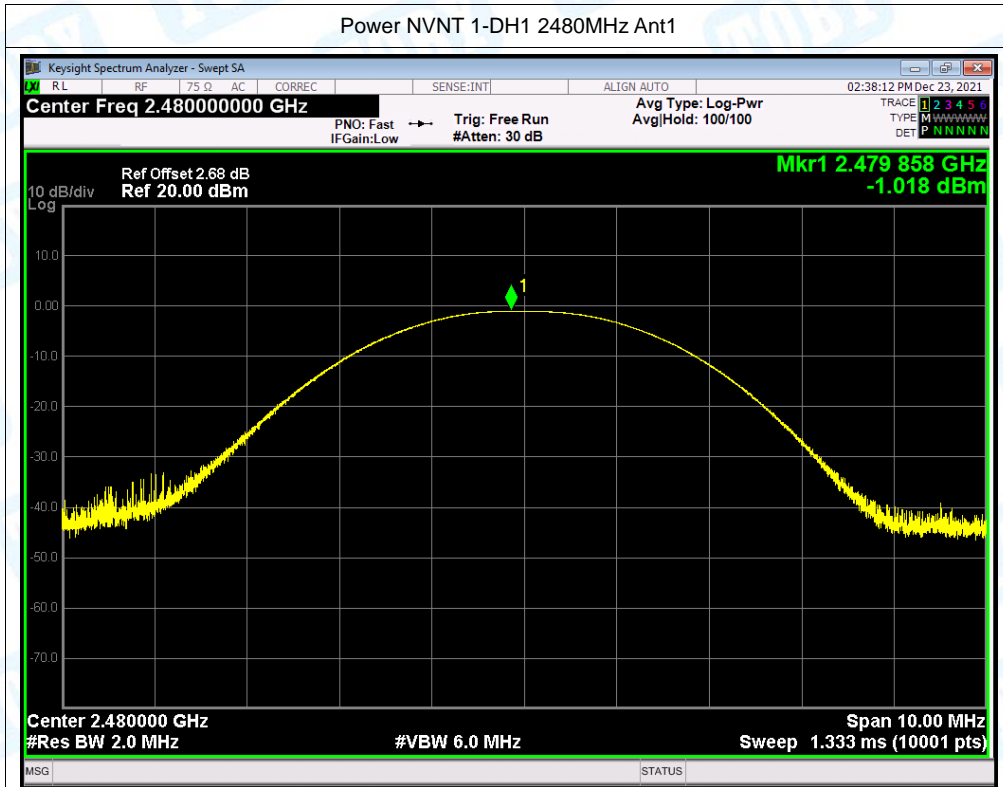
# RF Test Data for Bluetooth(BDR+EDR) (Conducted Measurements)

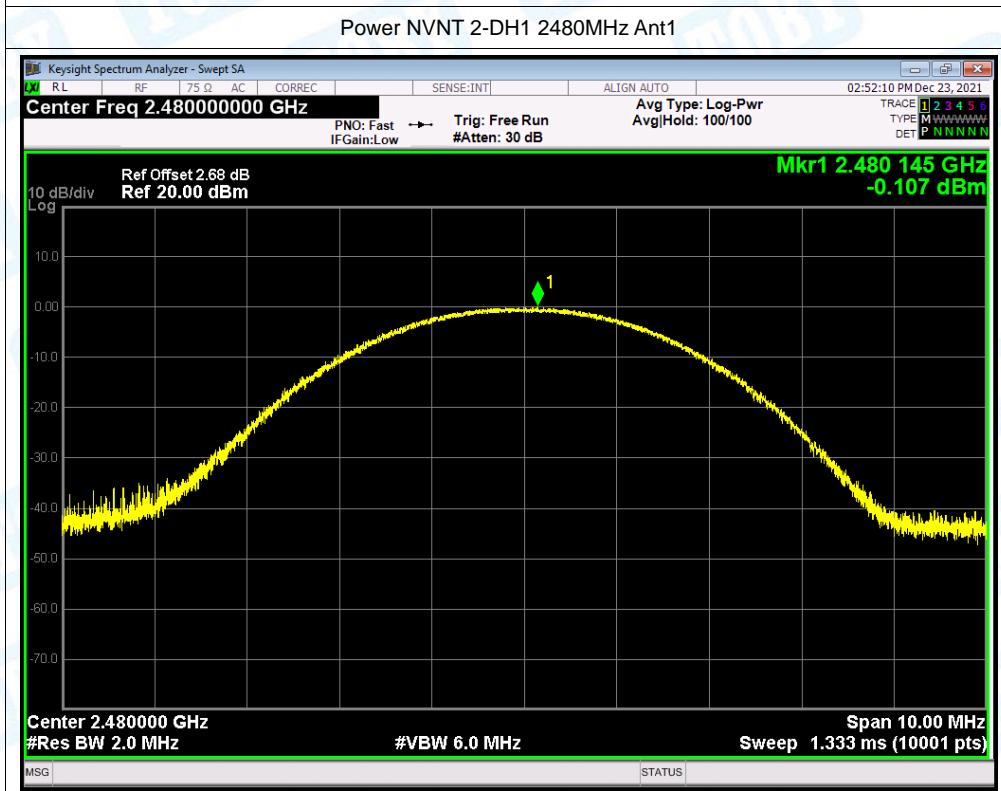
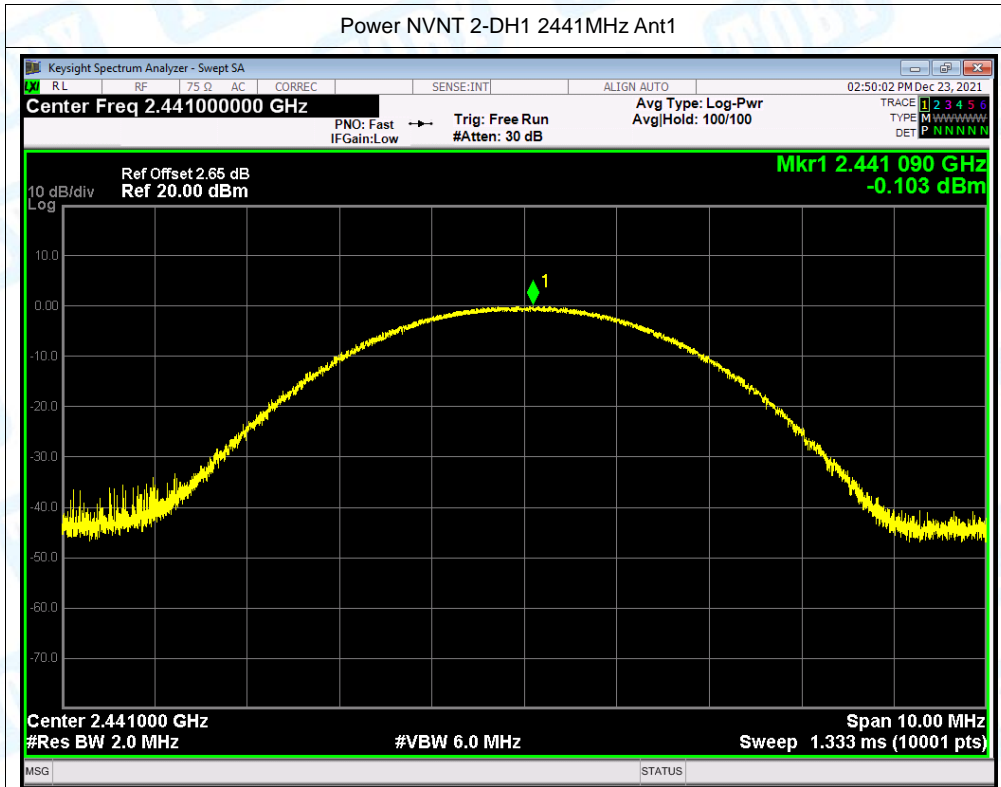
General Description of EUT	
Product Name:	Smart Watch
Test Model:	LC301
Sample ID:	20211208-04-2#
Environmental Conditions	
Temperature:	24°C
Relative Humidity:	50%
Test Voltage:	DC3.7V
Test Engineer:	50%
Note: For a more detailed features description, please refer to the report TB-FCC185606	

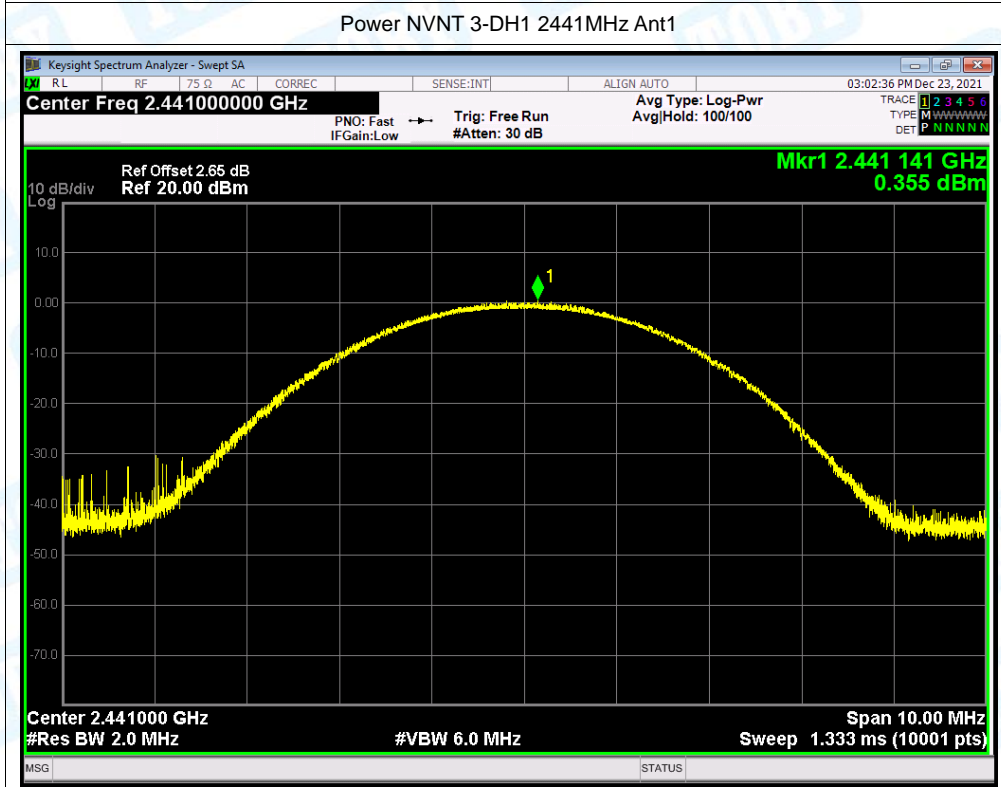
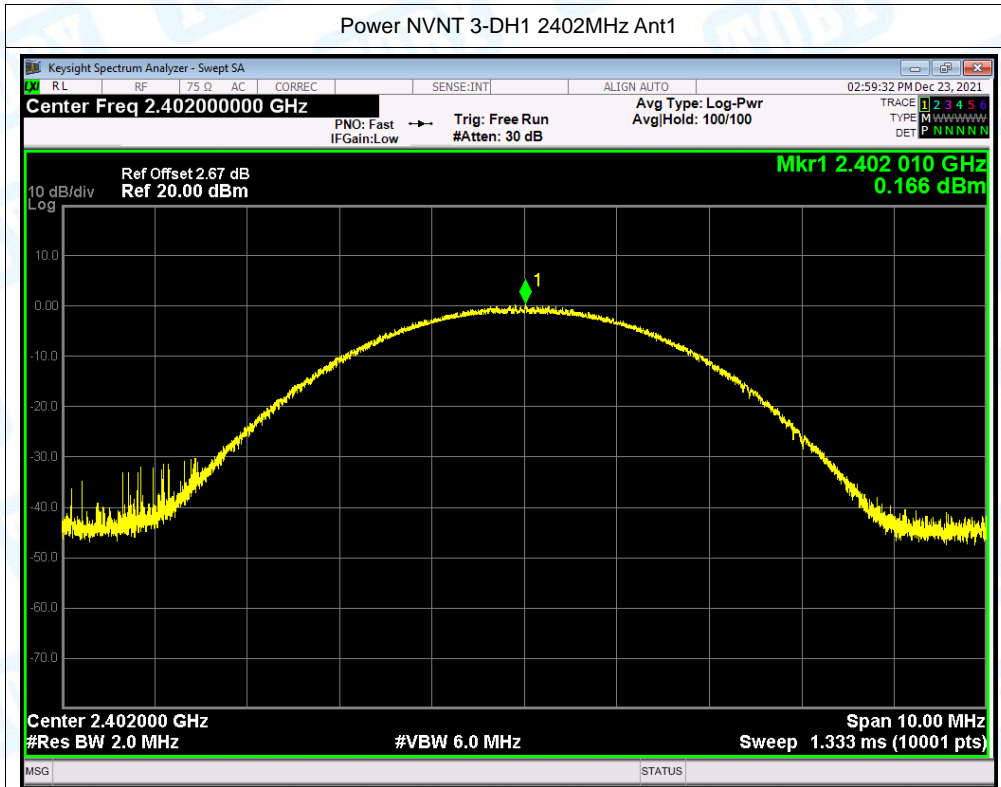
## 1. Maximum Conducted Output Power

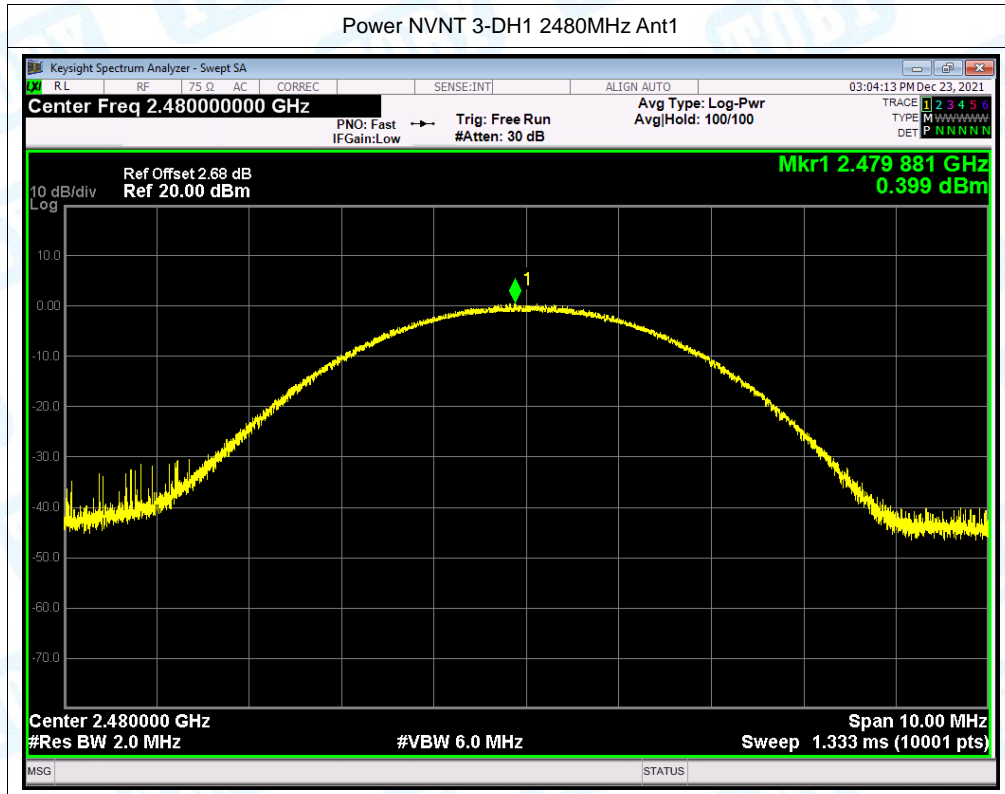
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	1-DH1	2402	Ant1	-1.367	0	-1.367	21	Pass
NVNT	1-DH1	2441	Ant1	-1.008	0	-1.008	21	Pass
NVNT	1-DH1	2480	Ant1	-1.018	0	-1.018	21	Pass
NVNT	2-DH1	2402	Ant1	-0.47	0	-0.47	21	Pass
NVNT	2-DH1	2441	Ant1	-0.103	0	-0.103	21	Pass
NVNT	2-DH1	2480	Ant1	-0.107	0	-0.107	21	Pass
NVNT	3-DH1	2402	Ant1	0.166	0	0.166	21	Pass
NVNT	3-DH1	2441	Ant1	0.355	0	0.355	21	Pass
NVNT	3-DH1	2480	Ant1	0.399	0	0.399	21	Pass







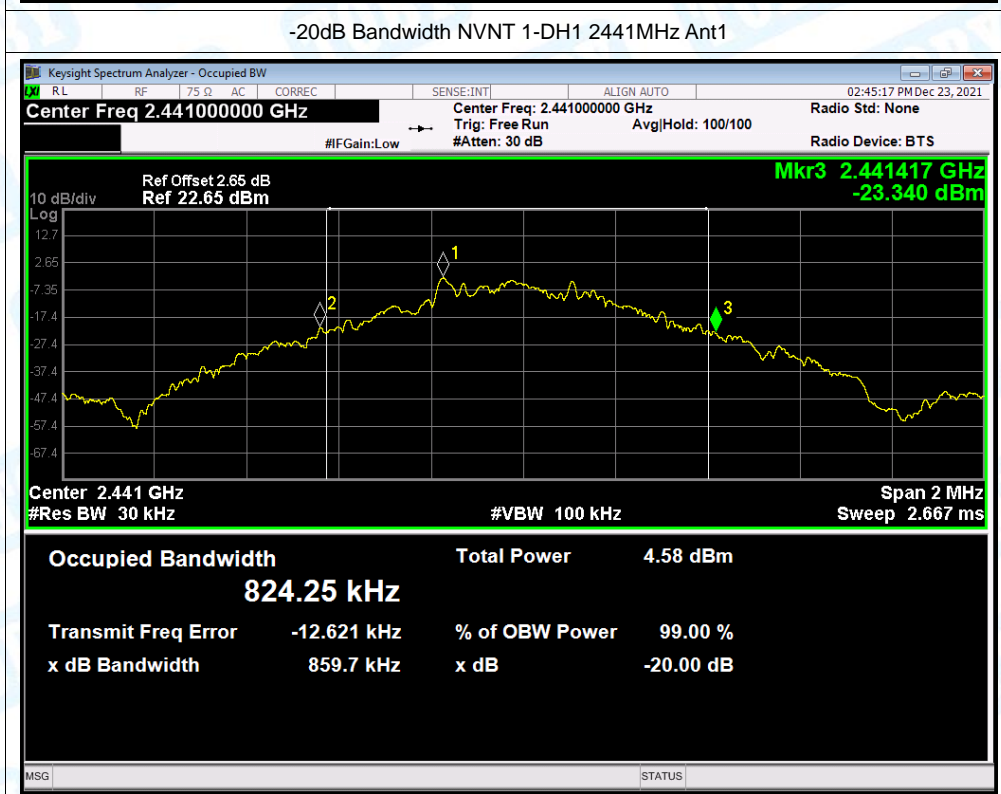
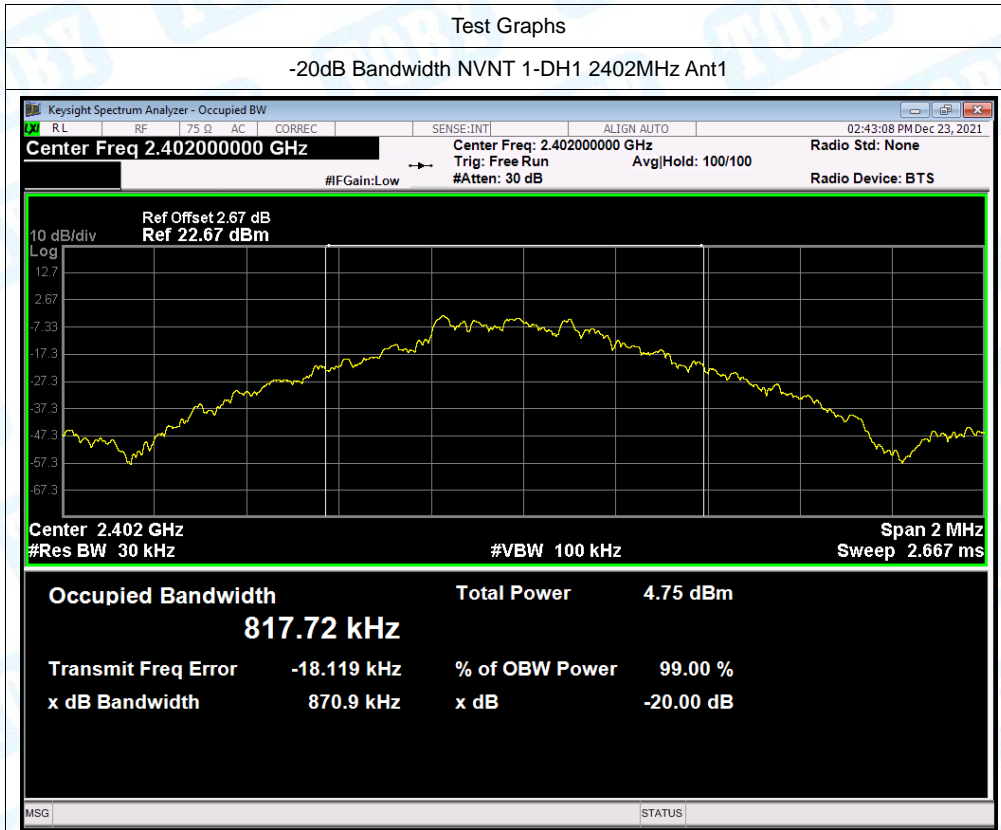




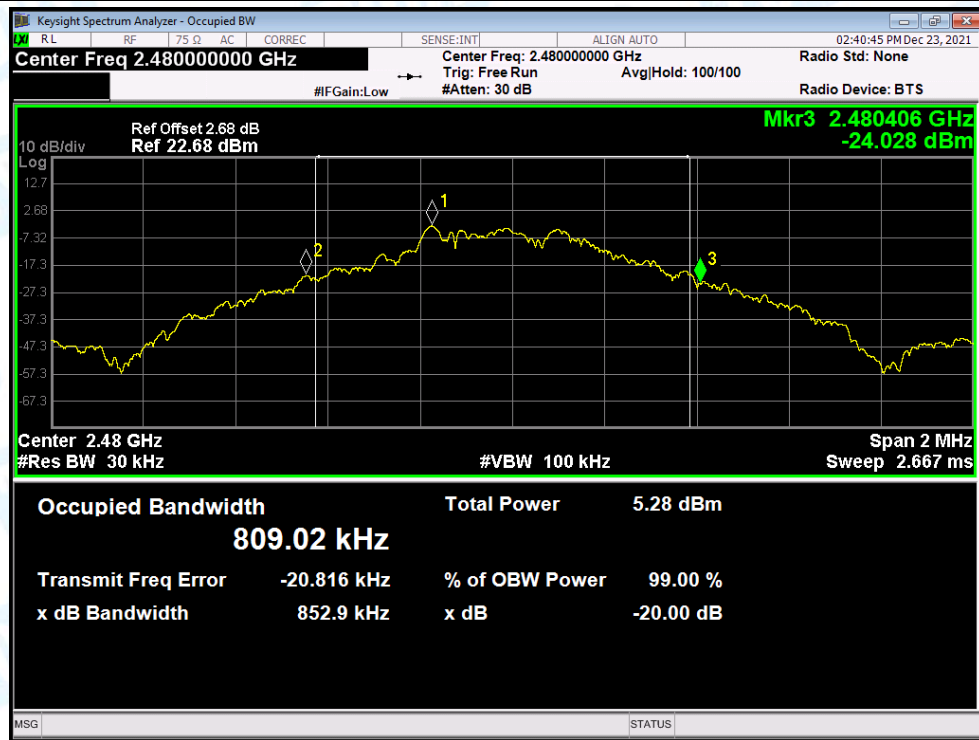
## 2.-20dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-20 dB Bandwidth (MHz)	Limit -20 dB Bandwidth (MHz)	Verdict
NVNT	1-DH1	2402	Ant1	0.8709	0	Pass
NVNT	1-DH1	2441	Ant1	0.8597	0	Pass
NVNT	1-DH1	2480	Ant1	0.8529	0	Pass
NVNT	2-DH1	2402	Ant1	1.252	0	Pass
NVNT	2-DH1	2441	Ant1	1.23	0	Pass
NVNT	2-DH1	2480	Ant1	1.24	0	Pass
NVNT	3-DH1	2402	Ant1	1.21	0	Pass
NVNT	3-DH1	2441	Ant1	1.25	0	Pass
NVNT	3-DH1	2480	Ant1	1.21	0	Pass

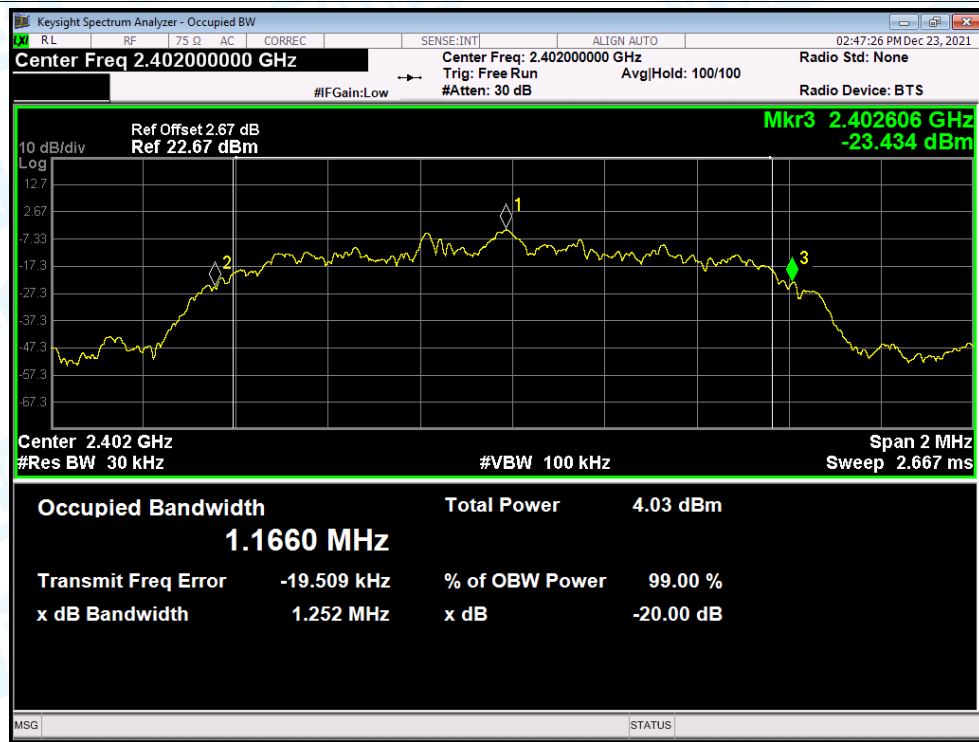




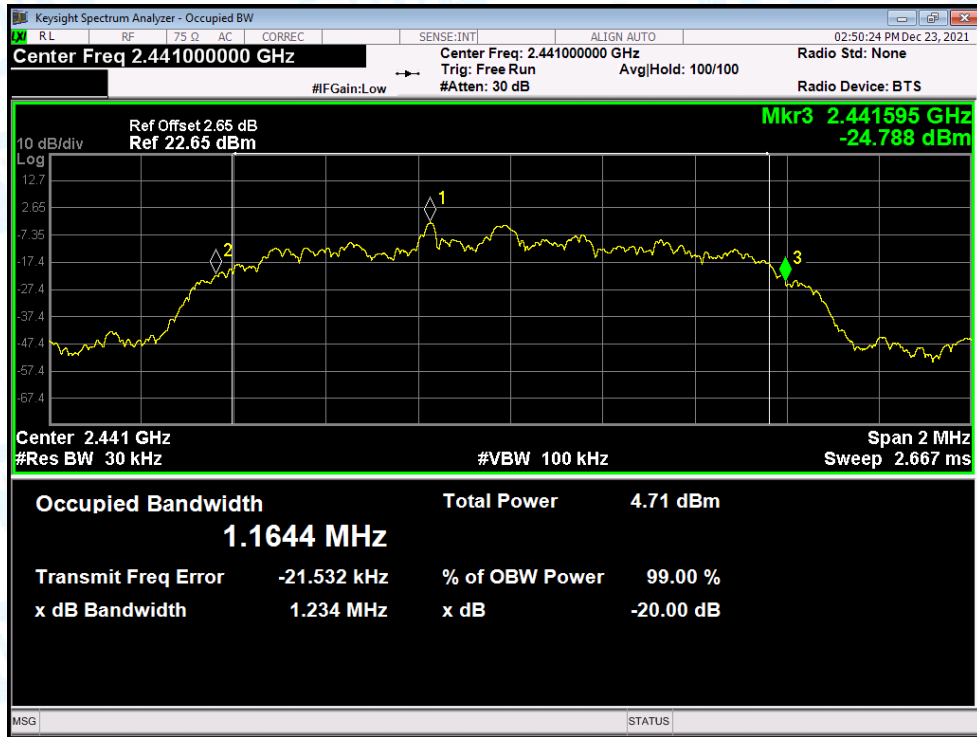
-20dB Bandwidth NVNT 1-DH1 2480MHz Ant1



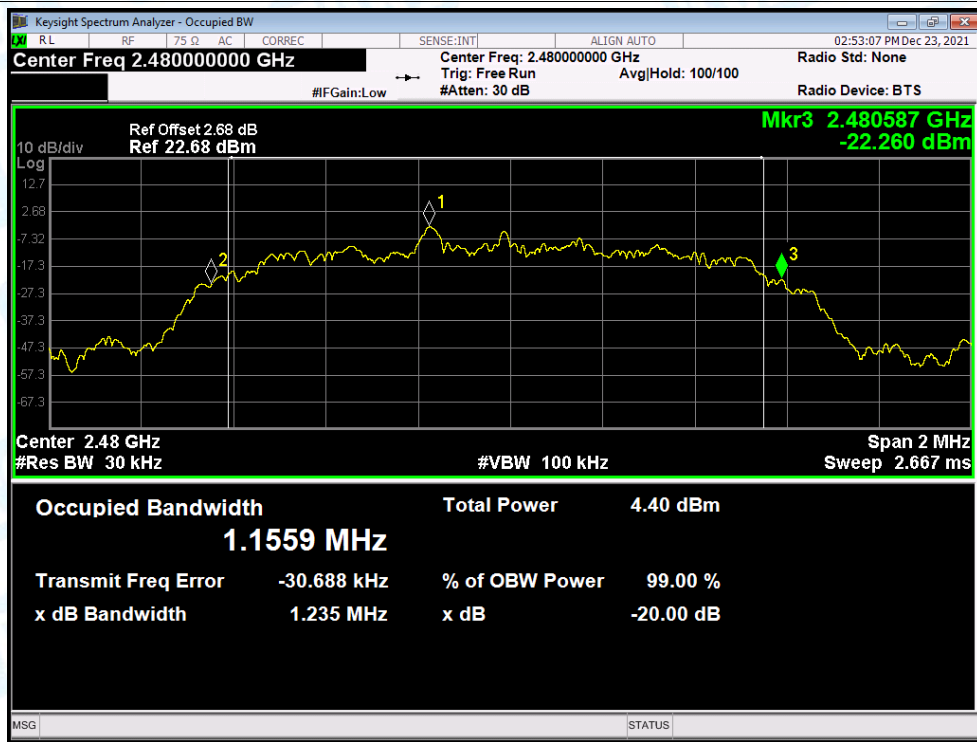
-20dB Bandwidth NVNT 2-DH1 2402MHz Ant1



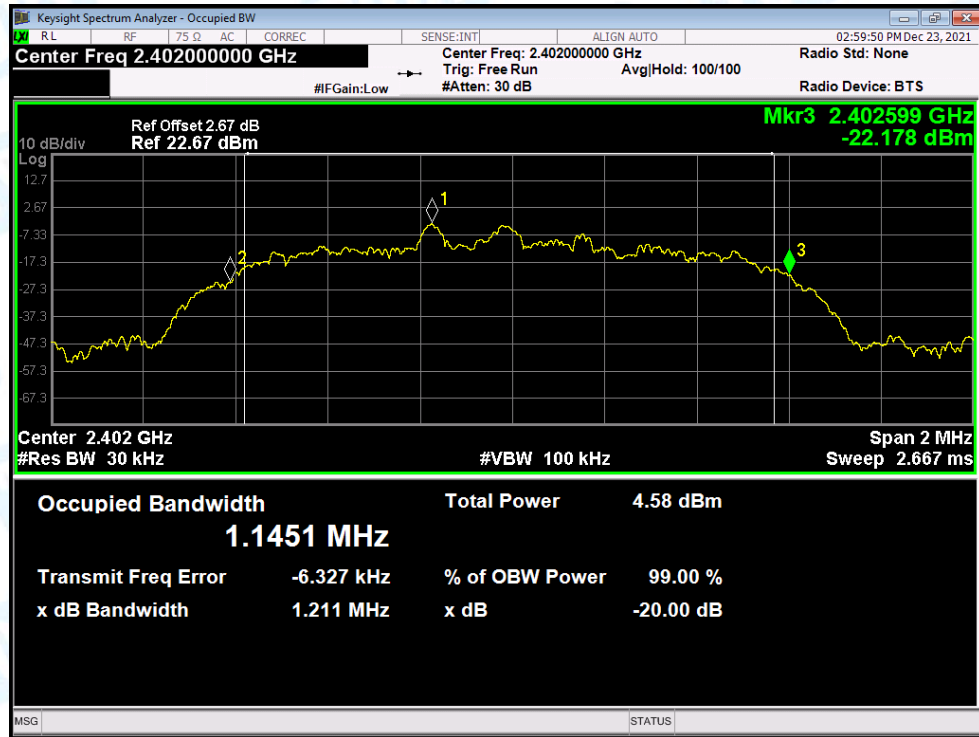
-20dB Bandwidth NVNT 2-DH1 2441MHz Ant1



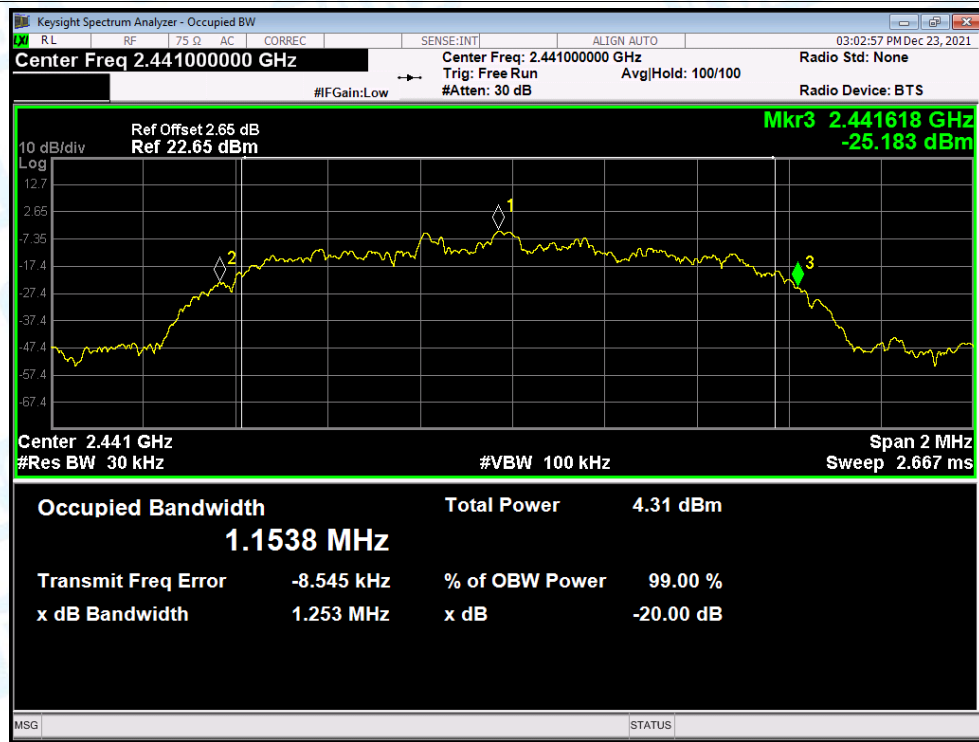
-20dB Bandwidth NVNT 2-DH1 2480MHz Ant1

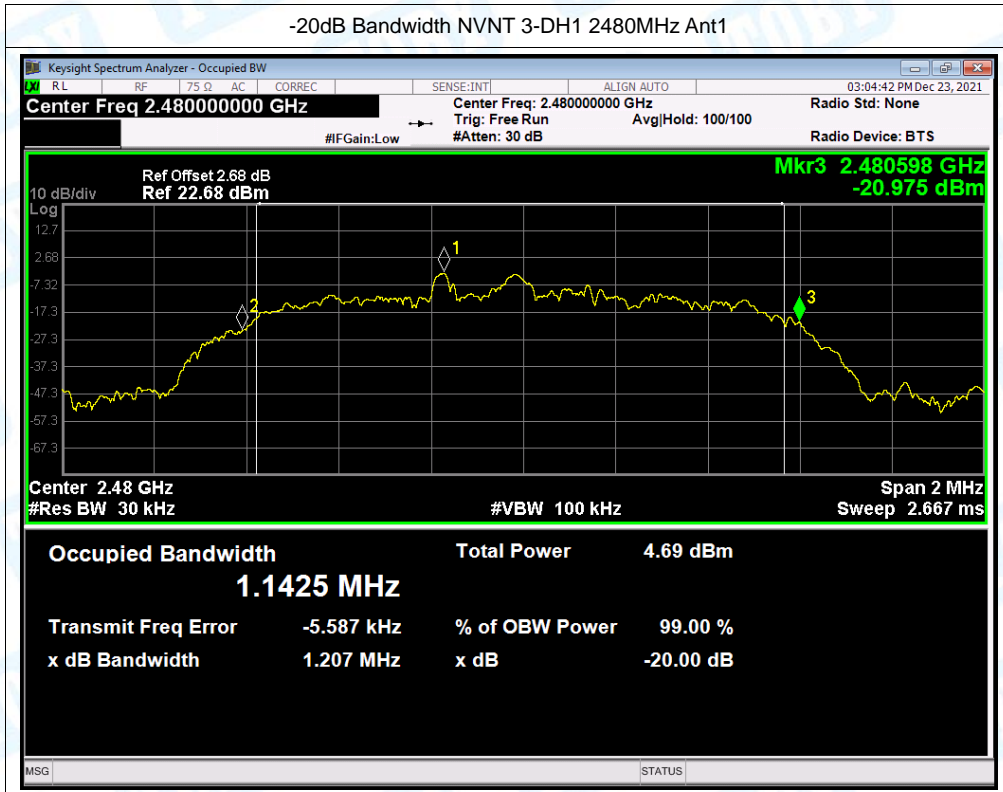


-20dB Bandwidth NVNT 3-DH1 2402MHz Ant1



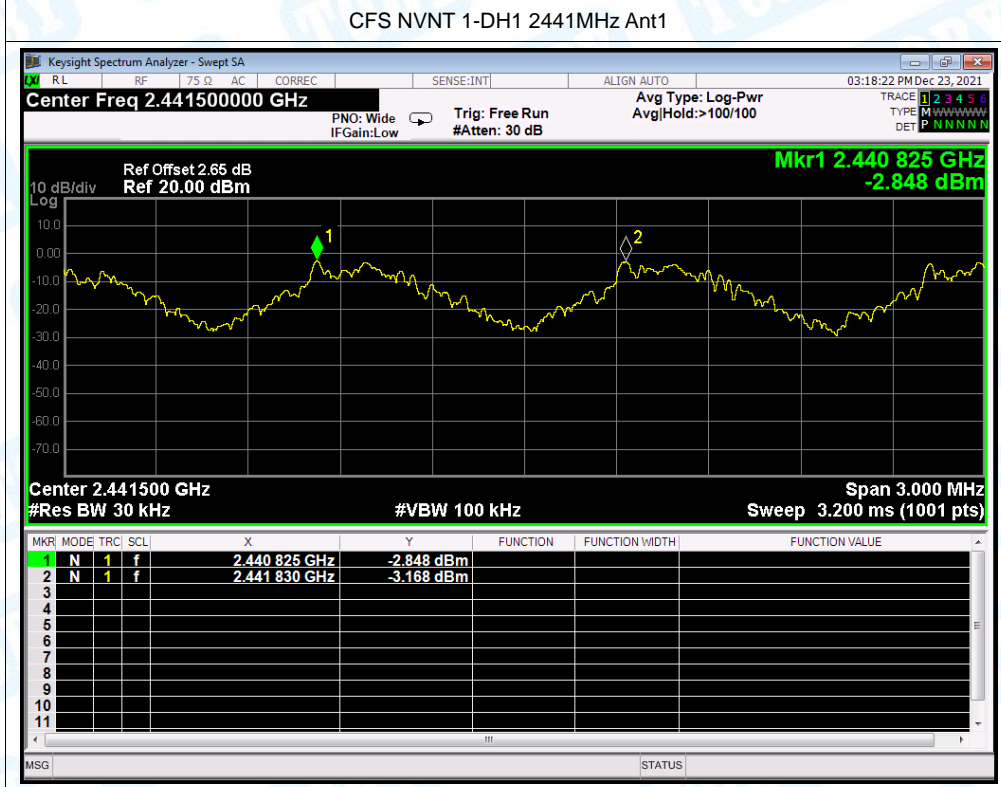
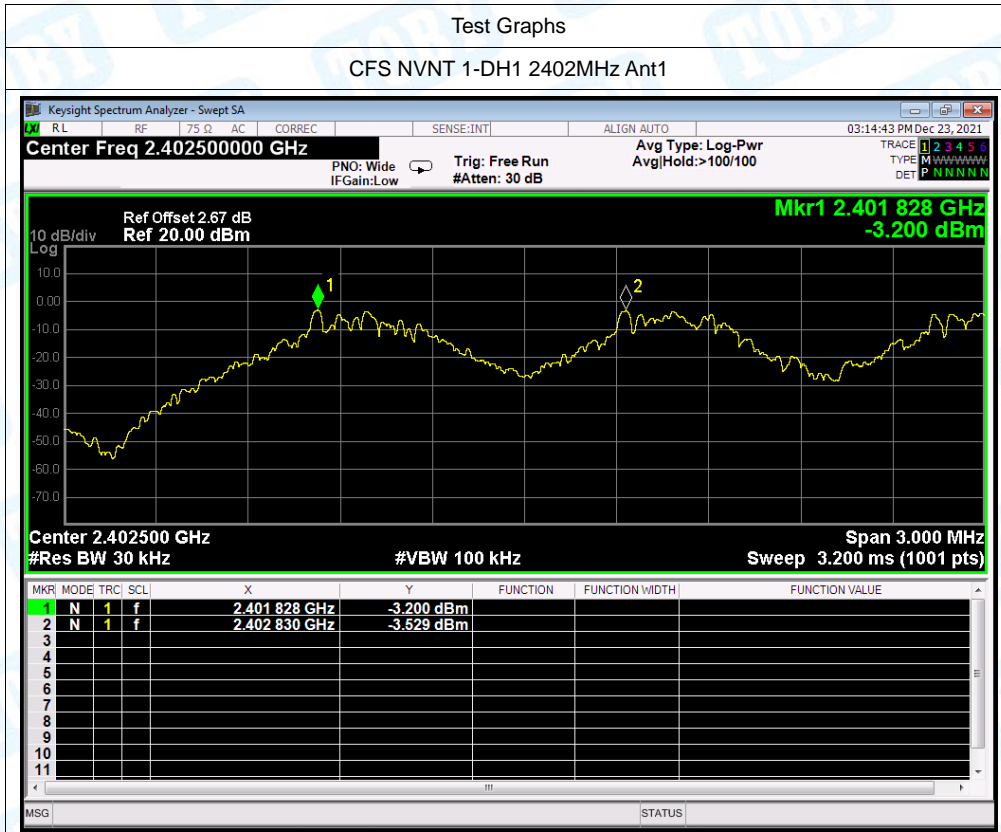
-20dB Bandwidth NVNT 3-DH1 2441MHz Ant1

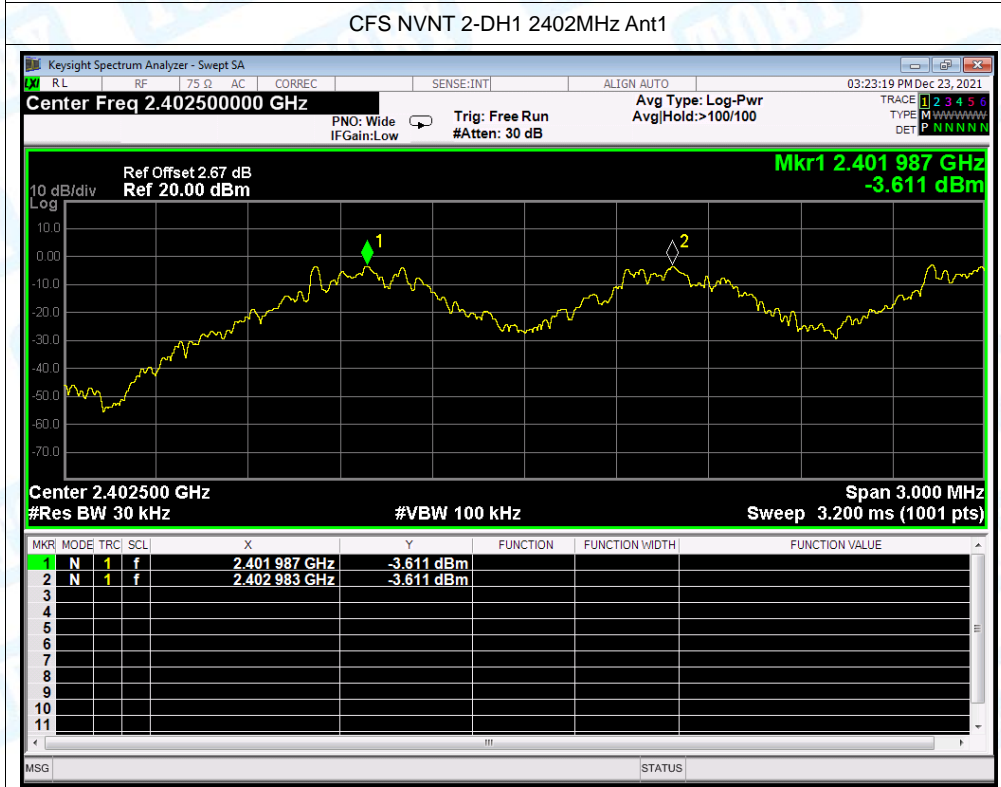
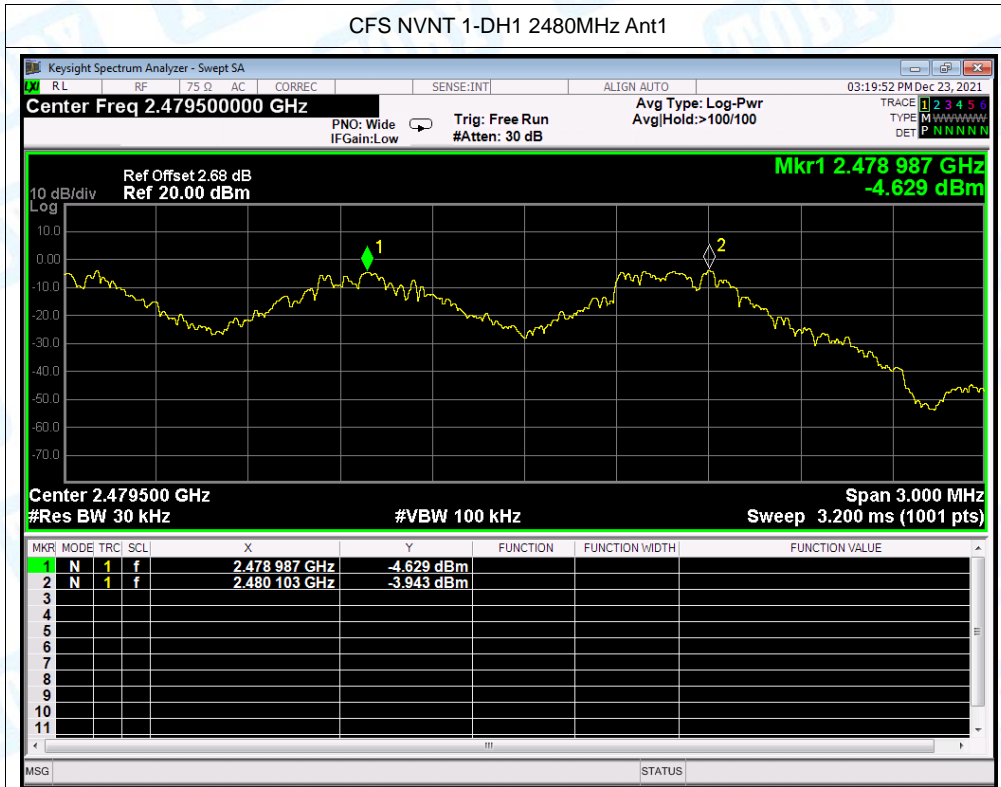




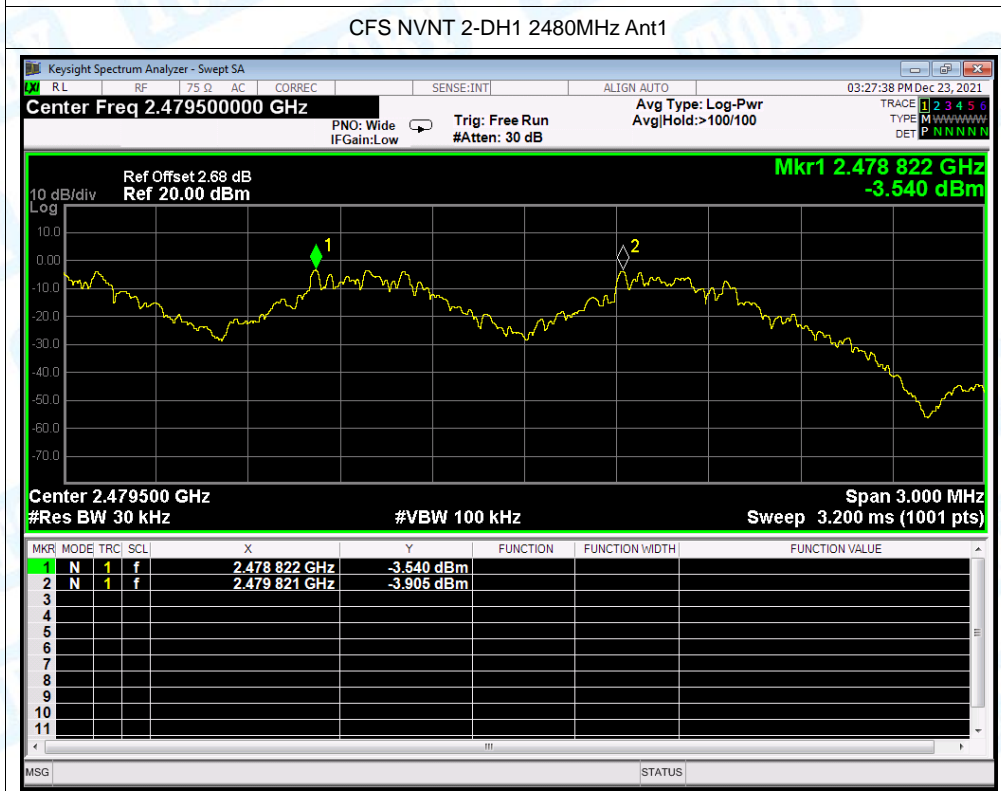
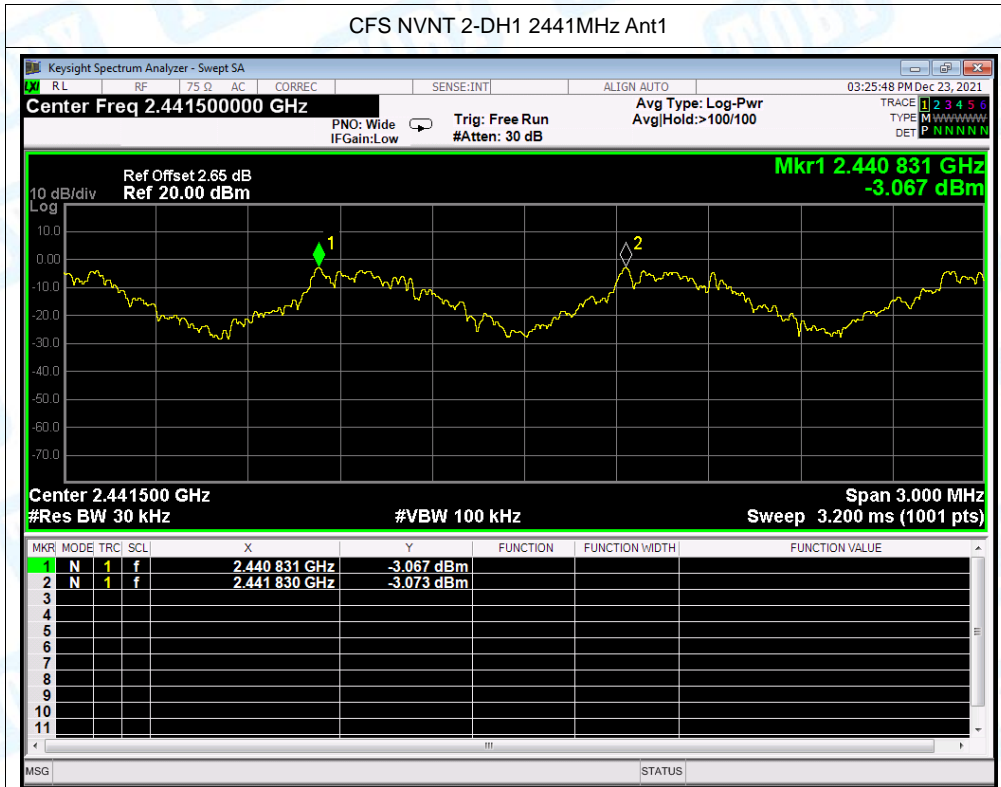
### 3.Carrier Frequencies Separation

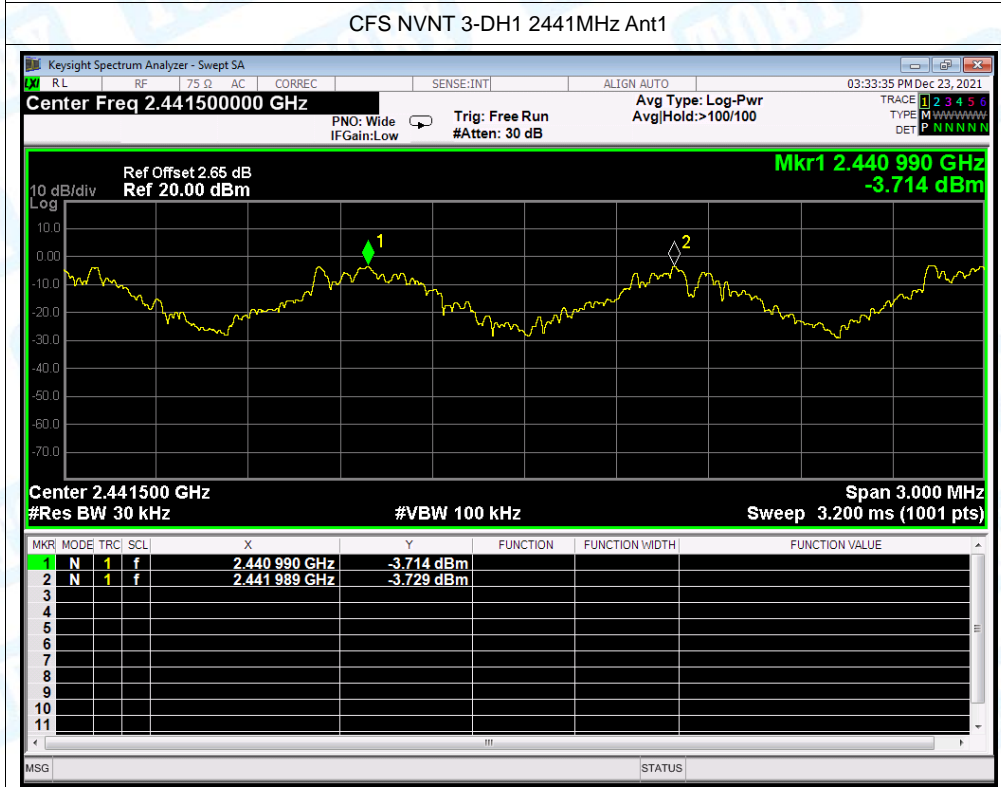
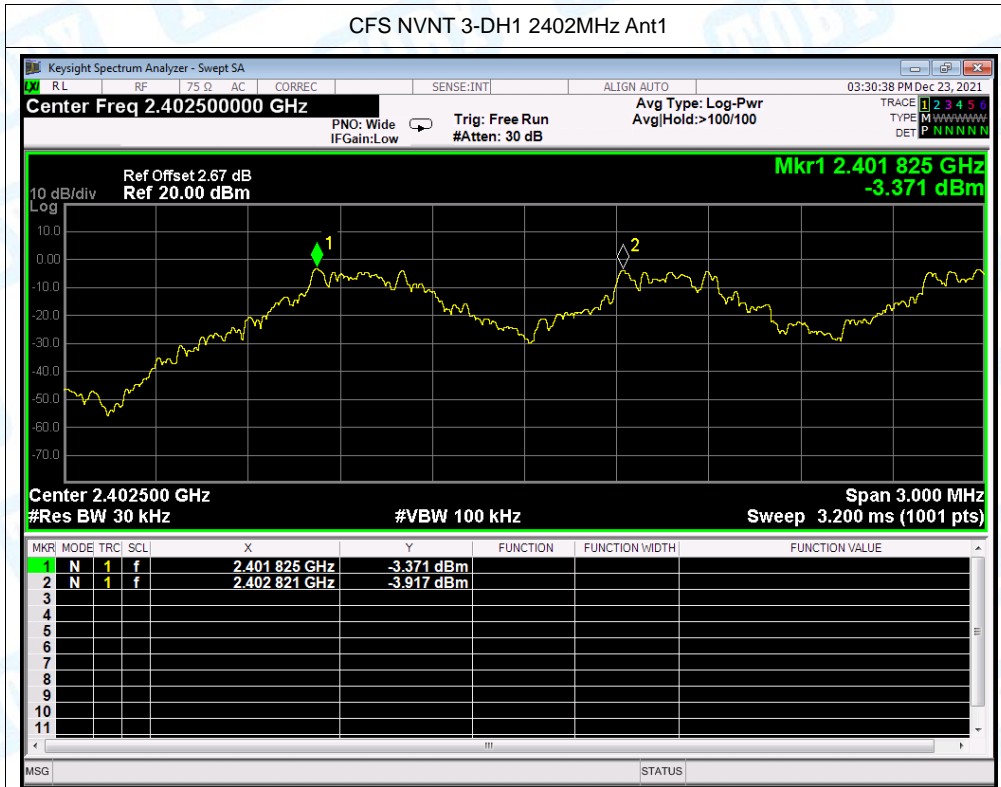
Condition	Mode	Antenna	Hopping Freq1 (MHz)	Hopping Freq2 (MHz)	HFS (MHz)	Limit (MHz)	Verdict
NVNT	1-DH1	Ant1	2401.828	2402.83	1.002	0.58	Pass
NVNT	1-DH1	Ant1	2440.825	2441.83	1.005	0.573	Pass
NVNT	1-DH1	Ant1	2478.987	2480.103	1.116	0.567	Pass
NVNT	2-DH1	Ant1	2401.987	2402.983	0.996	0.833	Pass
NVNT	2-DH1	Ant1	2440.831	2441.83	0.999	0.82	Pass
NVNT	2-DH1	Ant1	2478.822	2479.821	0.999	0.827	Pass
NVNT	3-DH1	Ant1	2401.825	2402.821	0.996	0.807	Pass
NVNT	3-DH1	Ant1	2440.99	2441.989	0.999	0.833	Pass
NVNT	3-DH1	Ant1	2478.828	2479.872	1.044	0.807	Pass







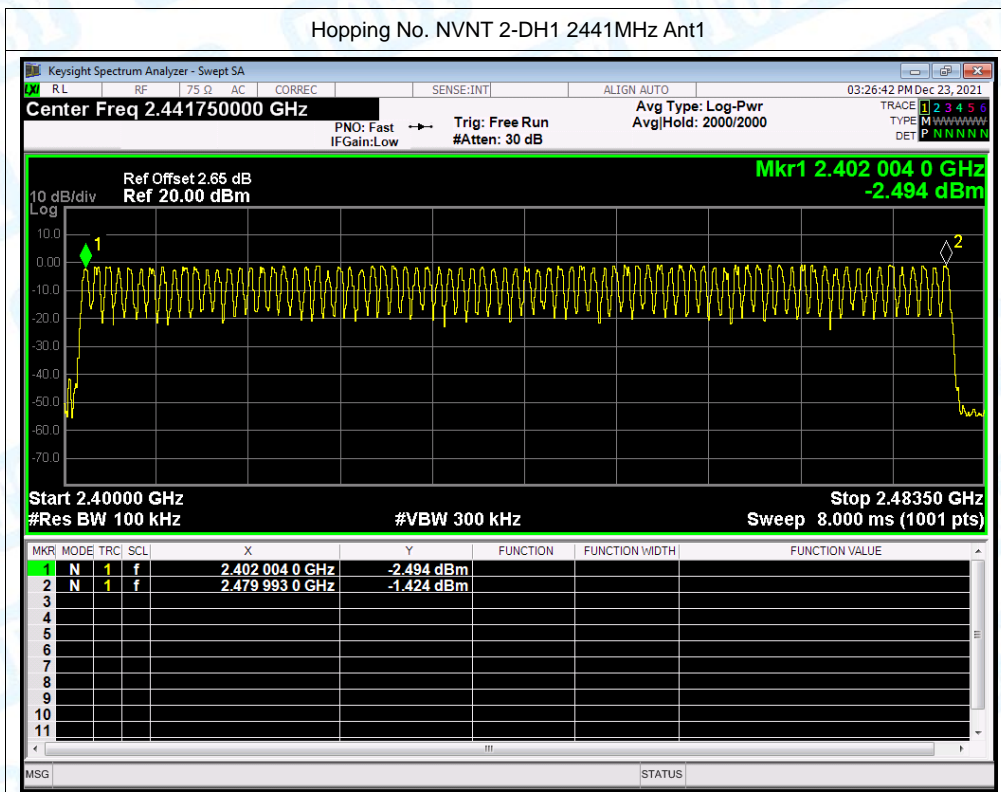
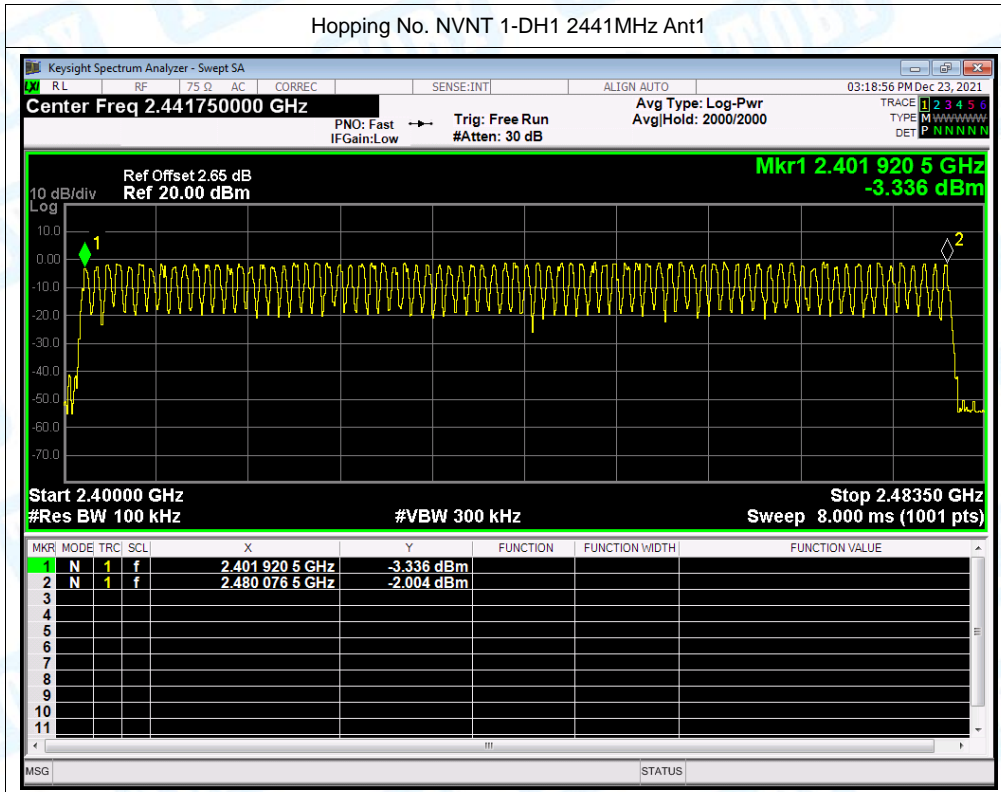


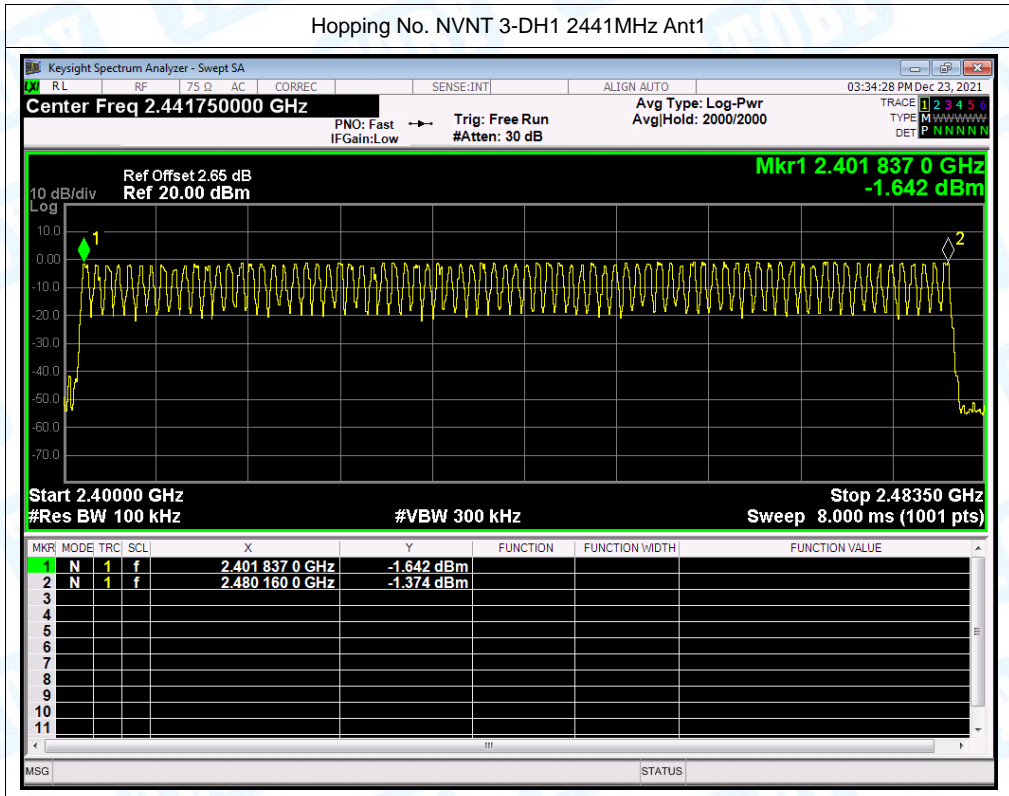




## 4. Number of Hopping Channel

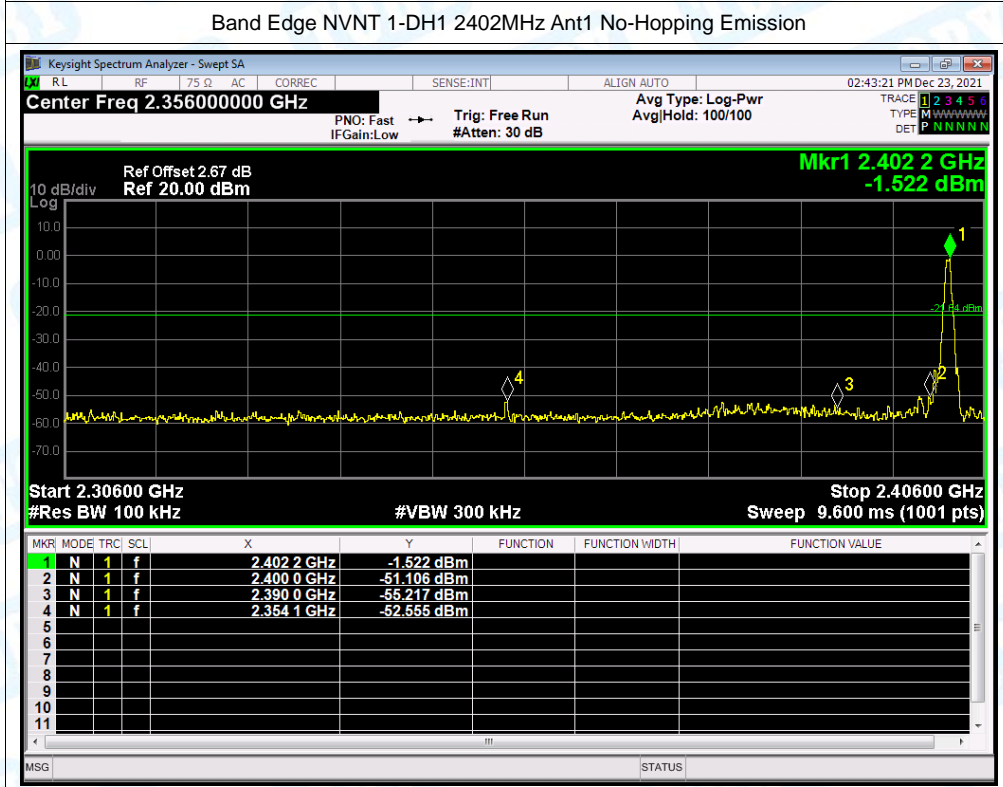
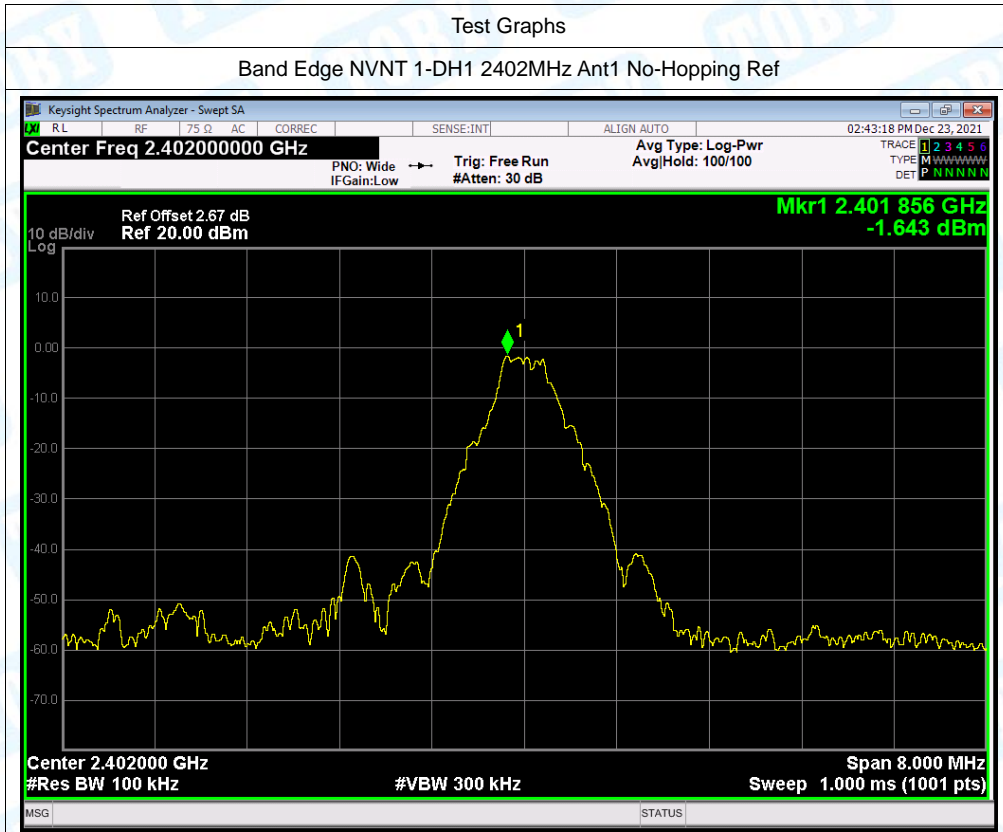
Condition	Mode	Antenna	Hopping Number	Limit	Verdict
NVNT	1-DH1	Ant1	79	15	Pass
NVNT	2-DH1	Ant1	79	15	Pass
NVNT	3-DH1	Ant1	79	15	Pass



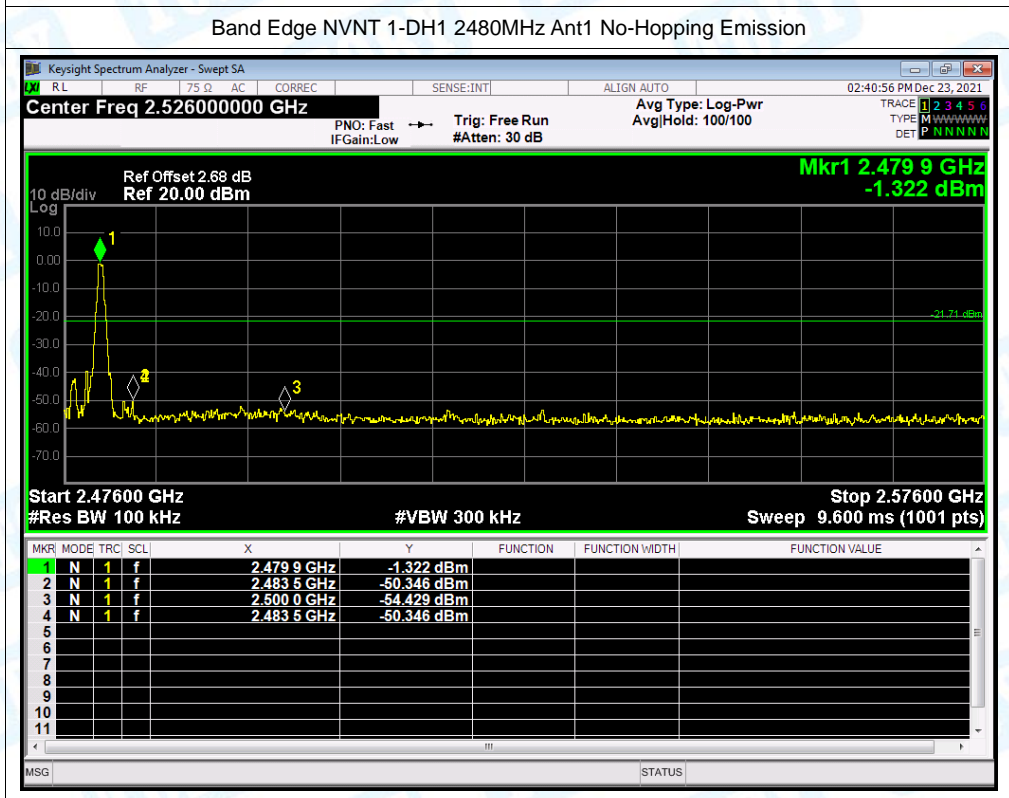
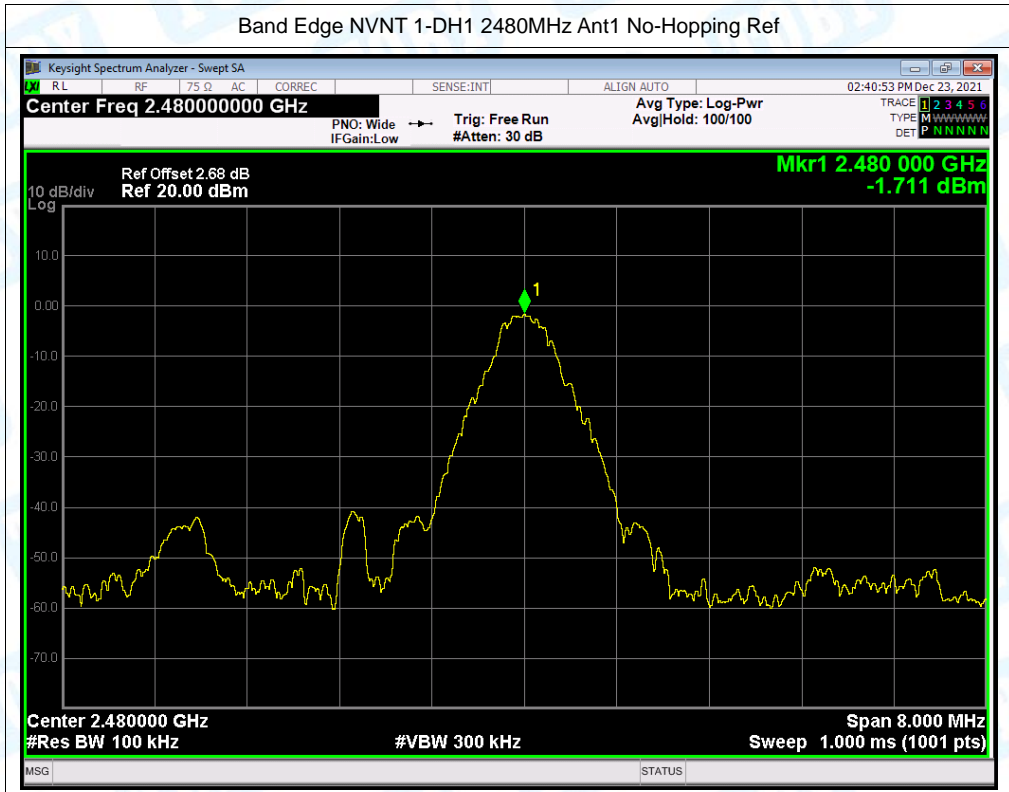


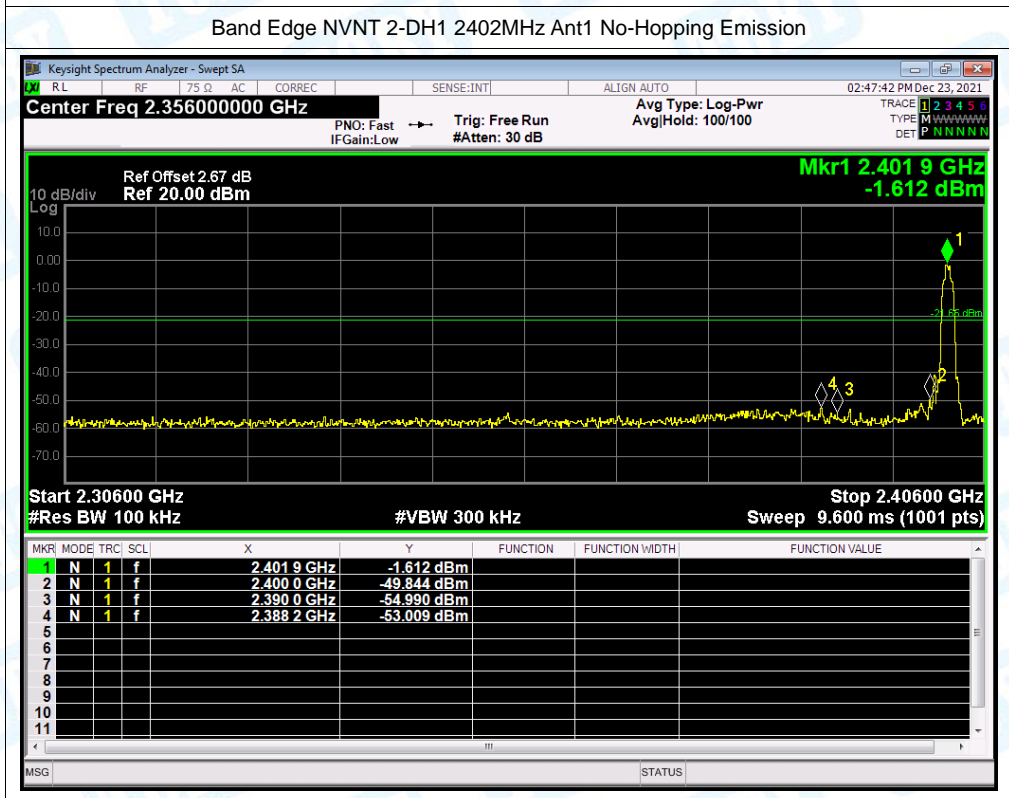
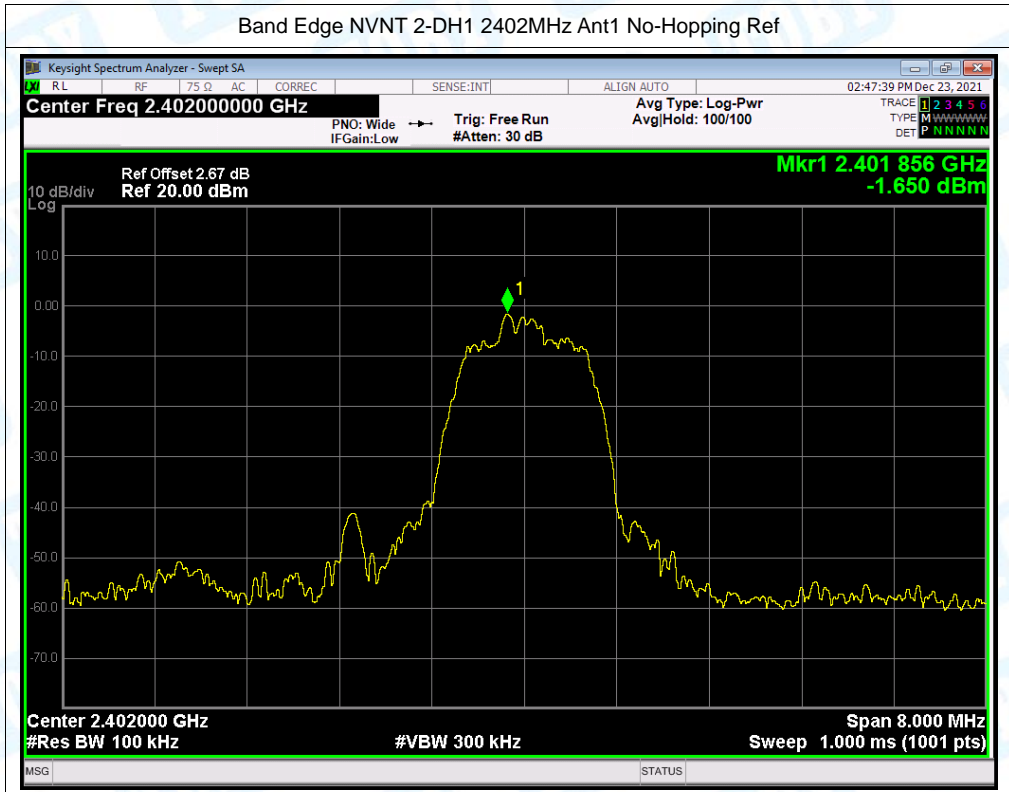
## 5.Band Edge

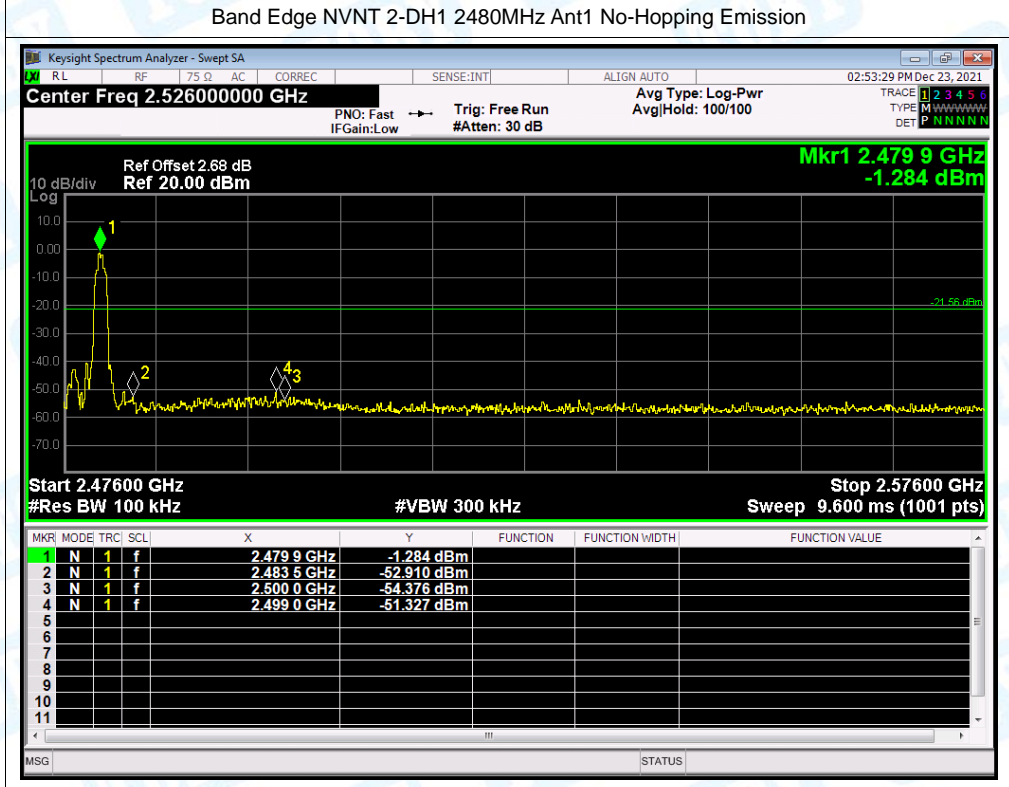
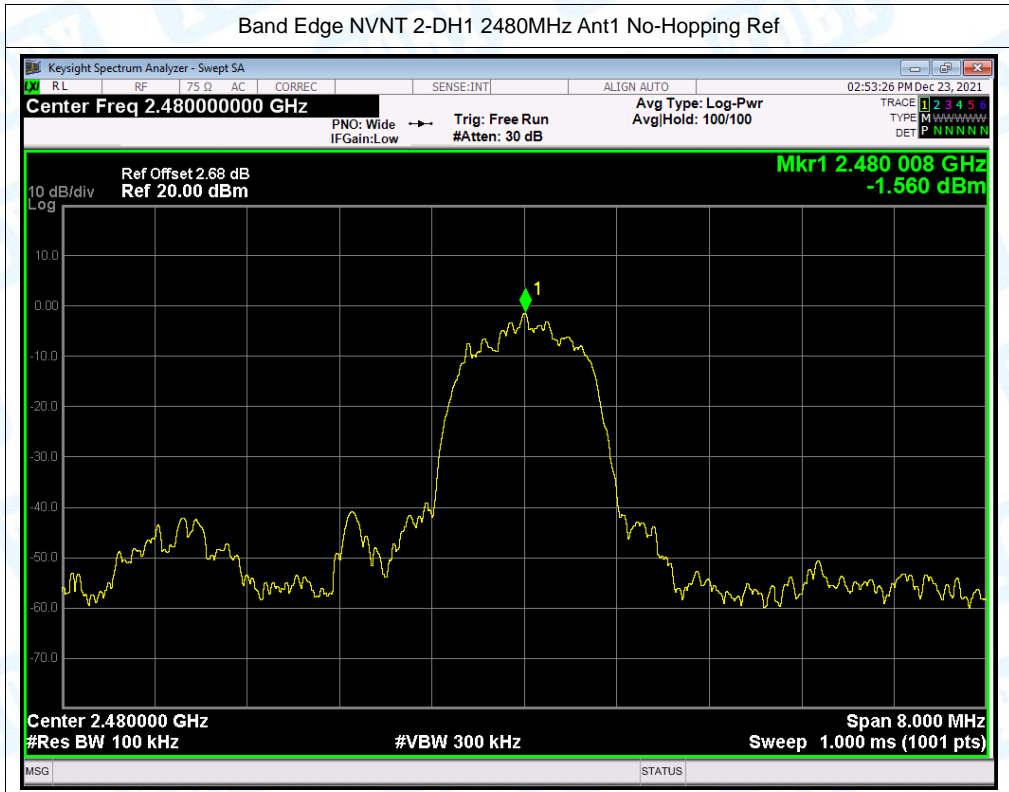
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH1	2402	Ant1	No-Hopping	-50.91	-20	Pass
NVNT	1-DH1	2480	Ant1	No-Hopping	-48.64	-20	Pass
NVNT	2-DH1	2402	Ant1	No-Hopping	-51.36	-20	Pass
NVNT	2-DH1	2480	Ant1	No-Hopping	-49.77	-20	Pass
NVNT	3-DH1	2402	Ant1	No-Hopping	-50.33	-20	Pass
NVNT	3-DH1	2480	Ant1	No-Hopping	-49.72	-20	Pass

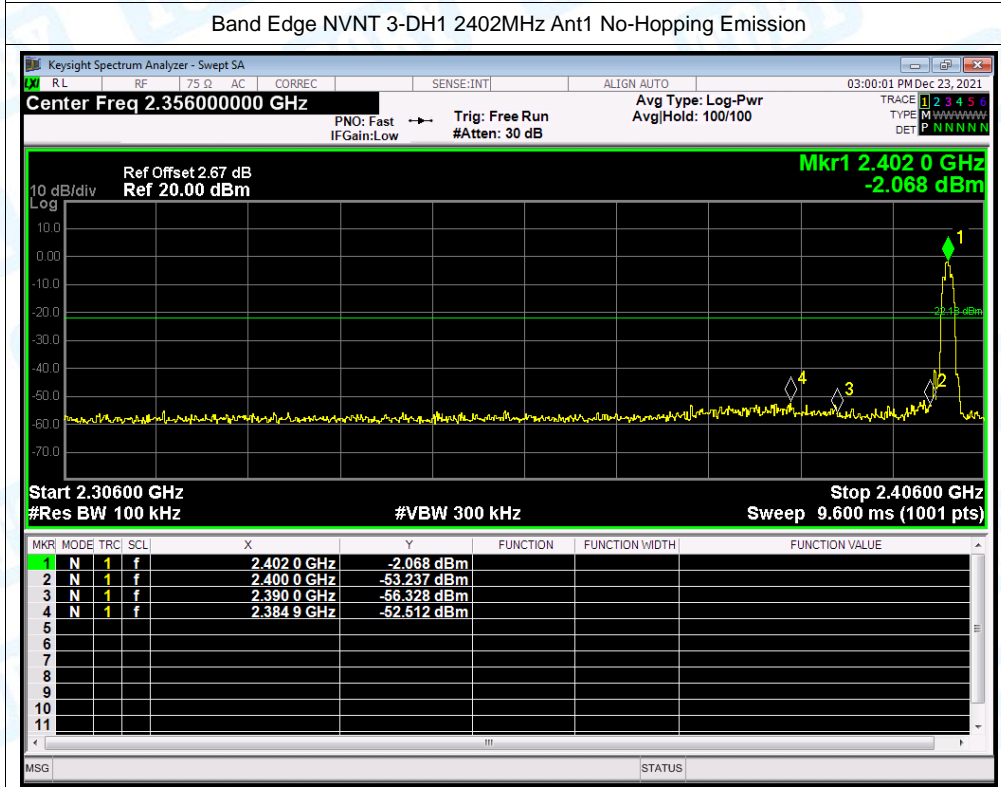
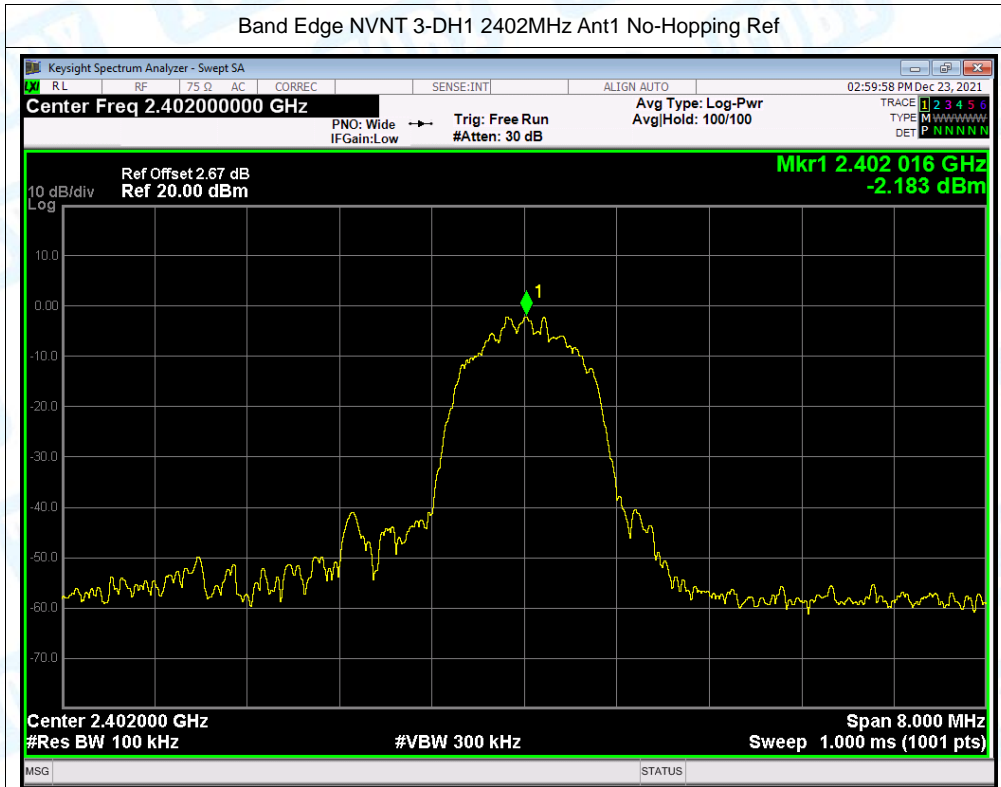


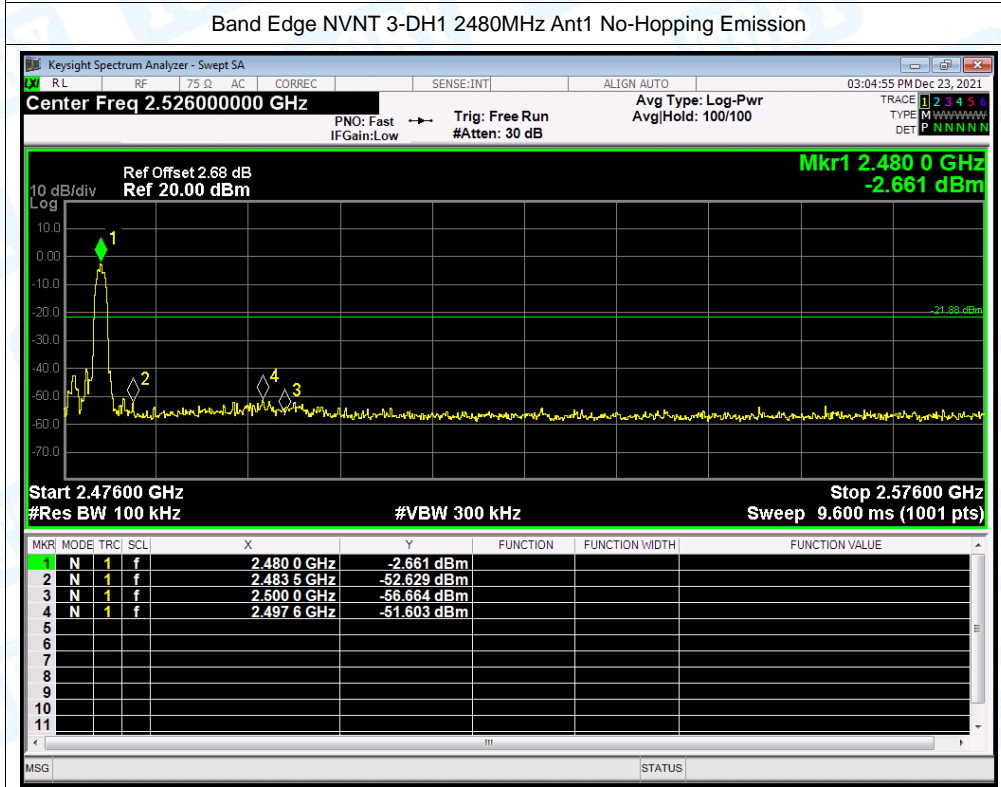
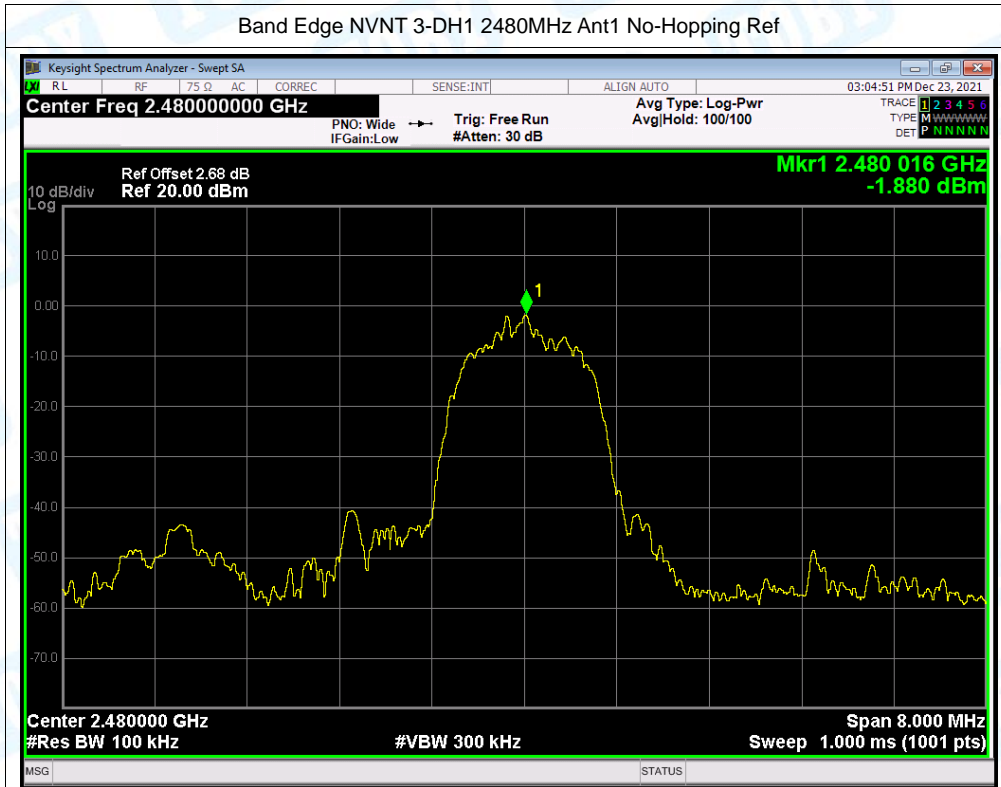






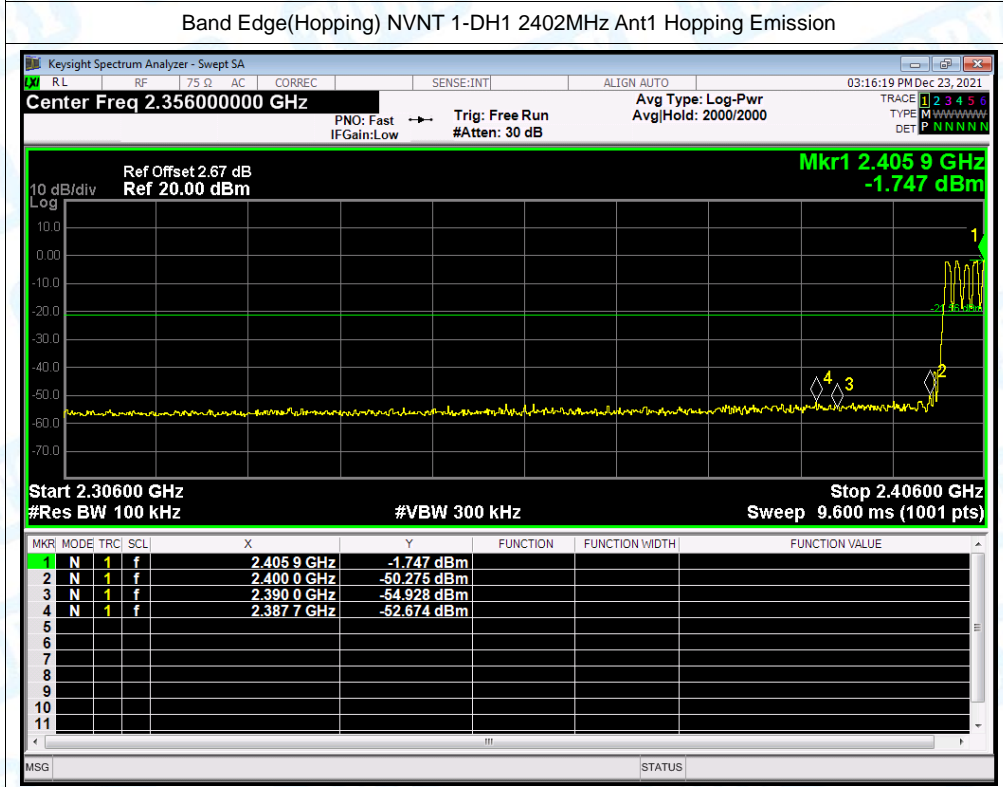
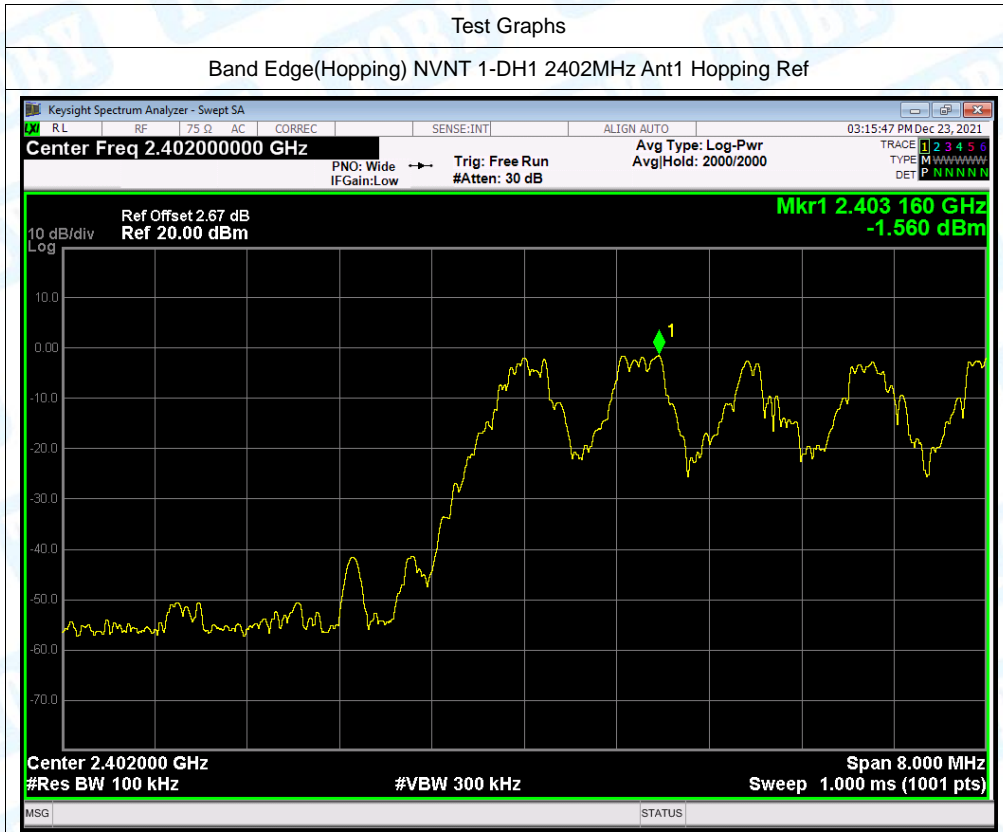


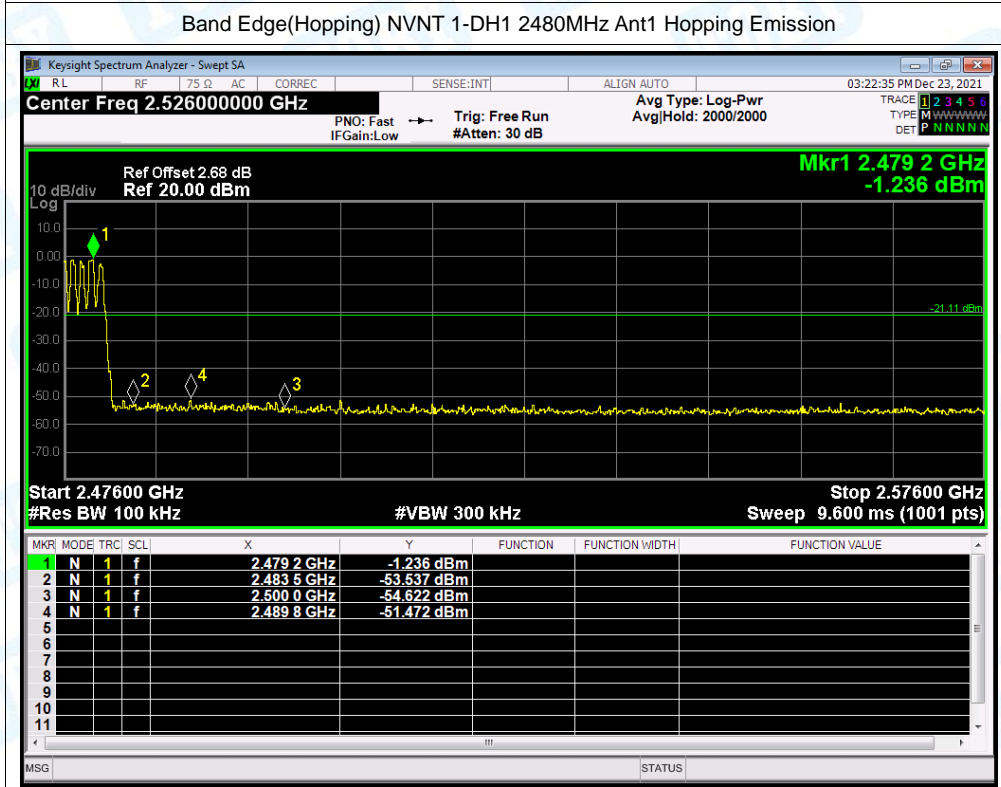
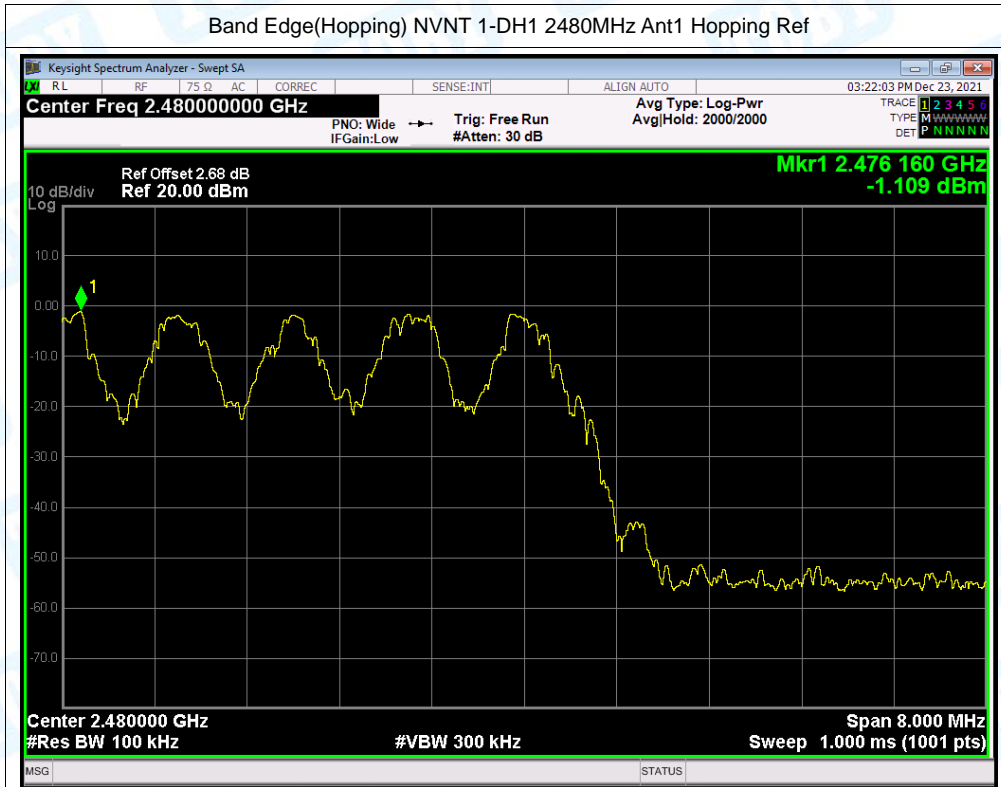




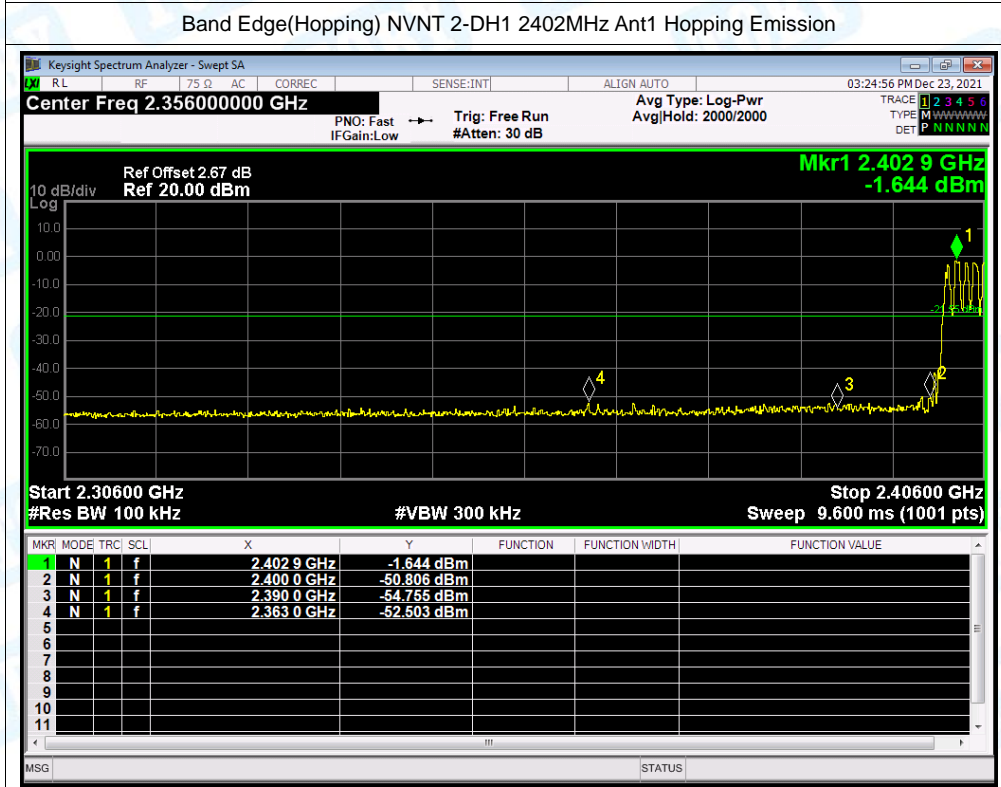
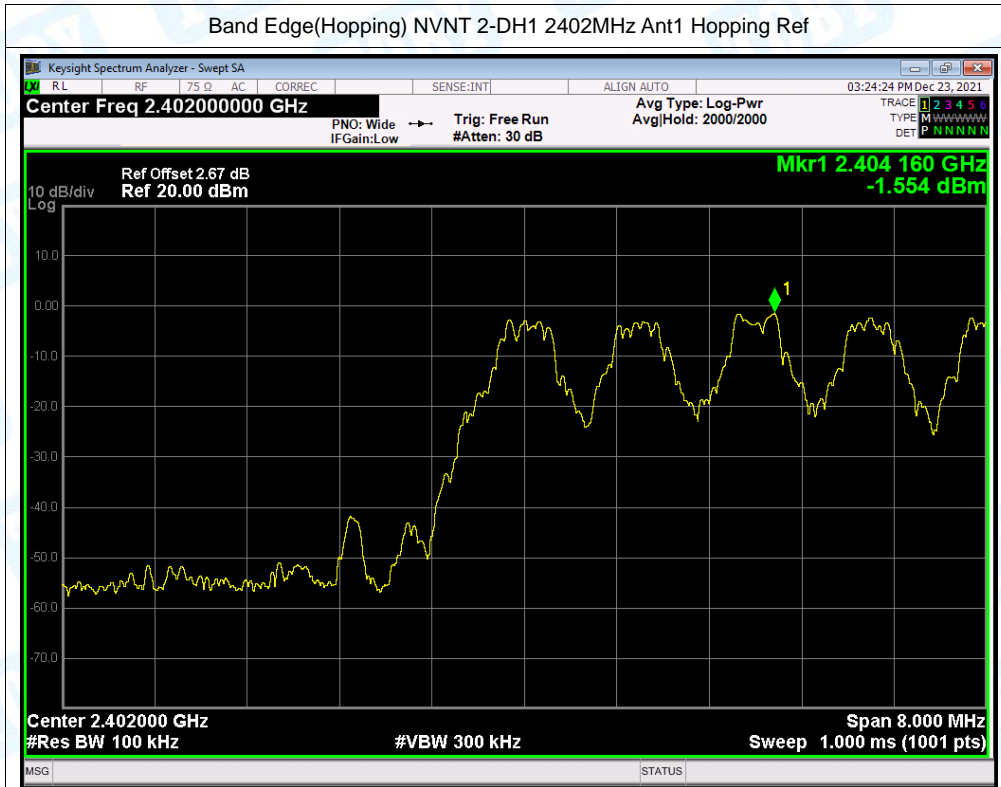
## 6. Band Edge(Hopping)

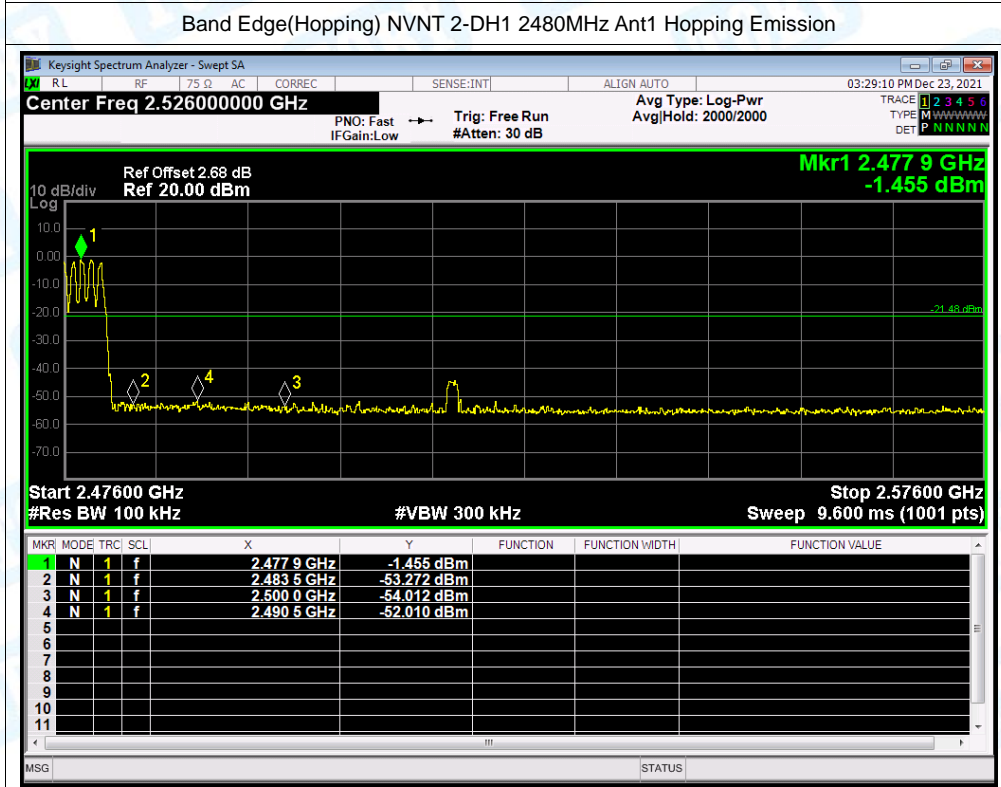
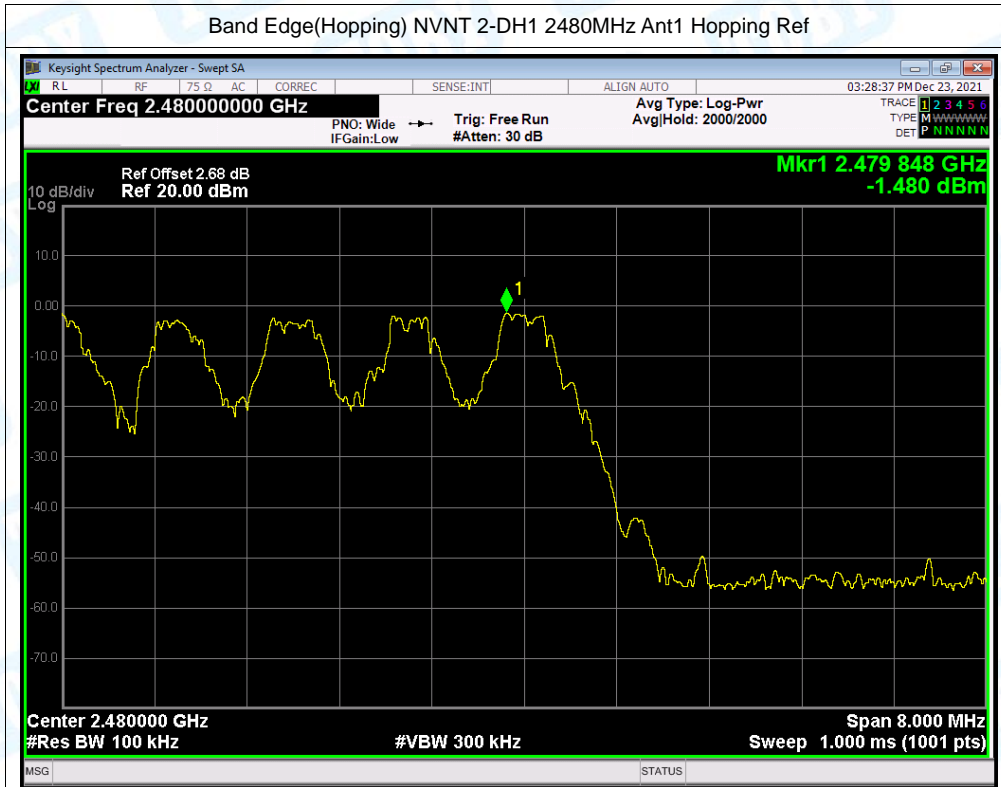
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH1	2402	Ant1	Hopping	-51.11	-20	Pass
NVNT	1-DH1	2480	Ant1	Hopping	-50.36	-20	Pass
NVNT	2-DH1	2402	Ant1	Hopping	-50.95	-20	Pass
NVNT	2-DH1	2480	Ant1	Hopping	-50.53	-20	Pass
NVNT	3-DH1	2402	Ant1	Hopping	-51.27	-20	Pass
NVNT	3-DH1	2480	Ant1	Hopping	-49.62	-20	Pass

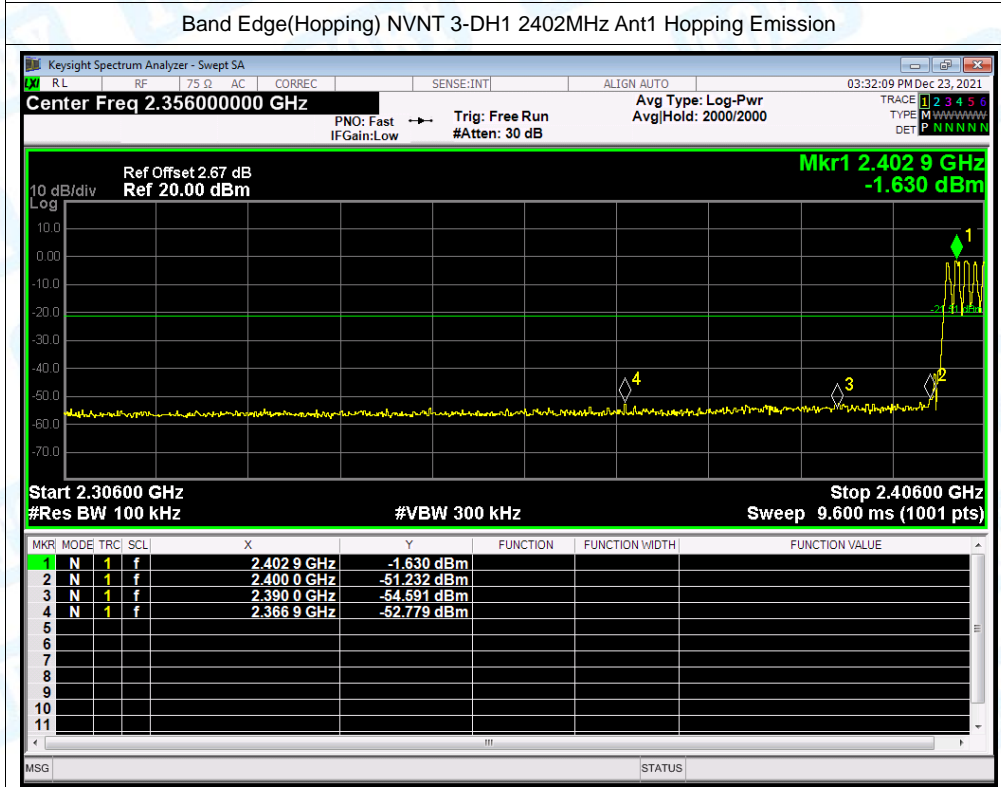
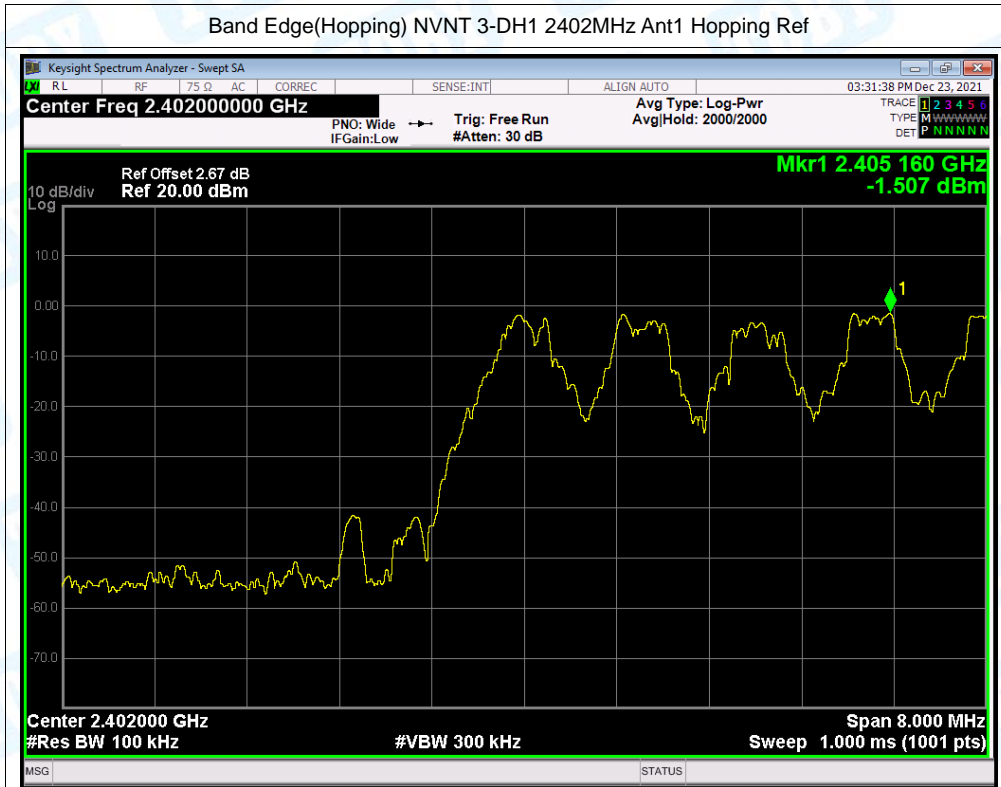


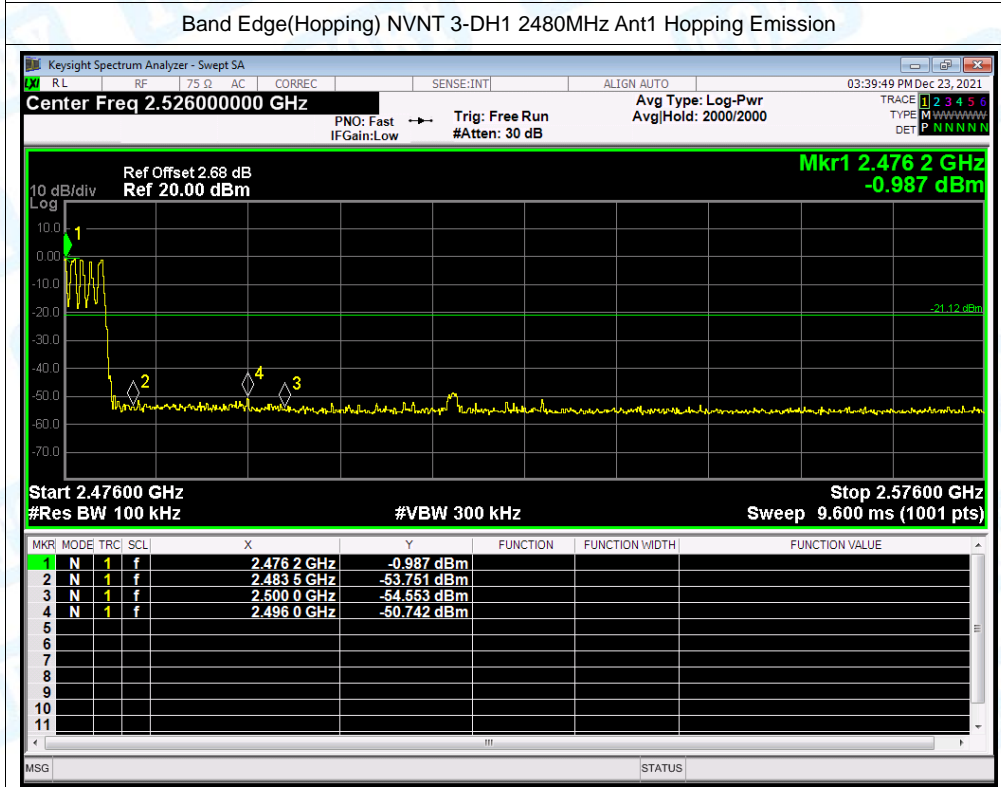
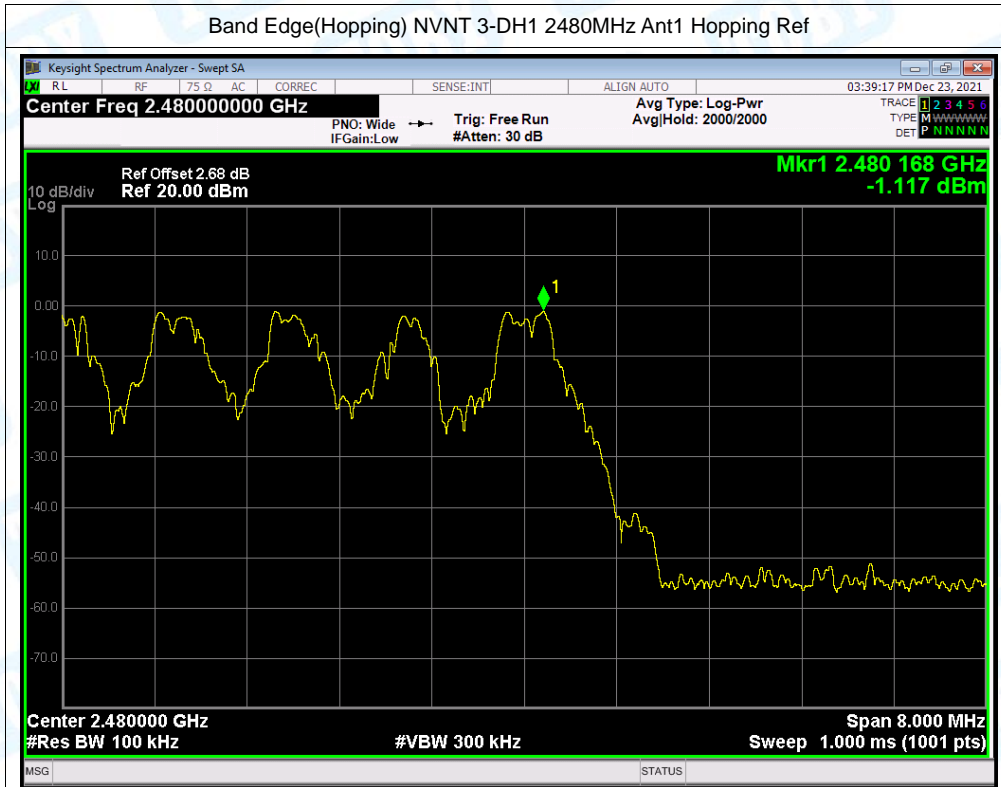






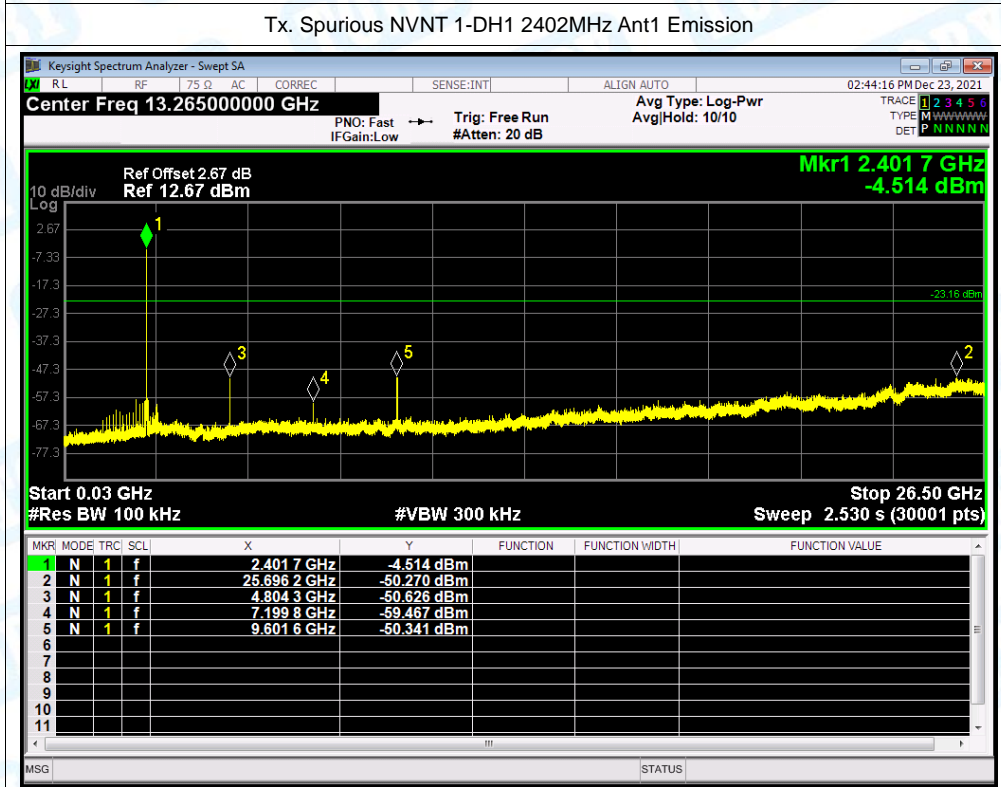
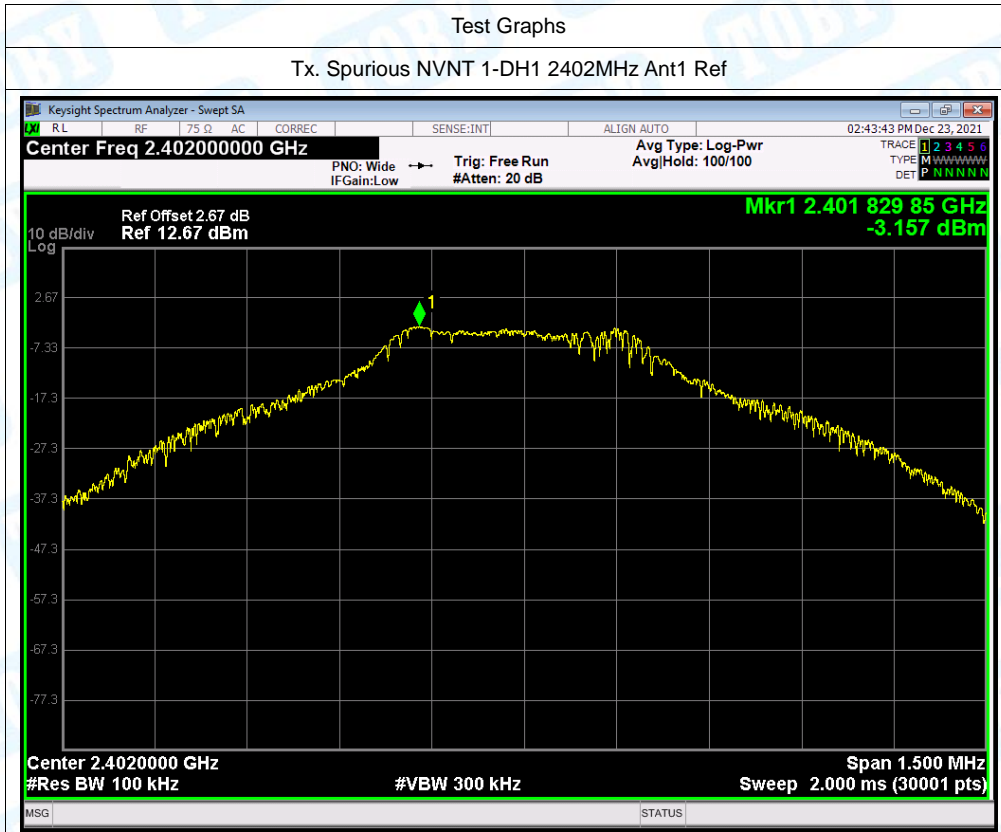




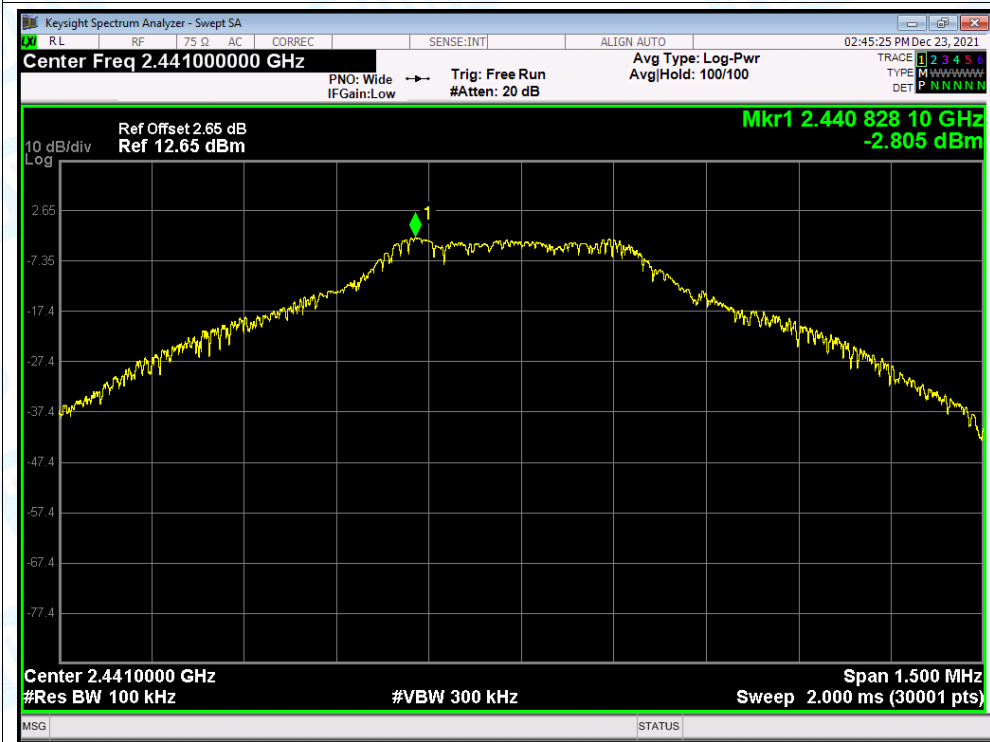


## 7. Conducted RF Spurious Emission

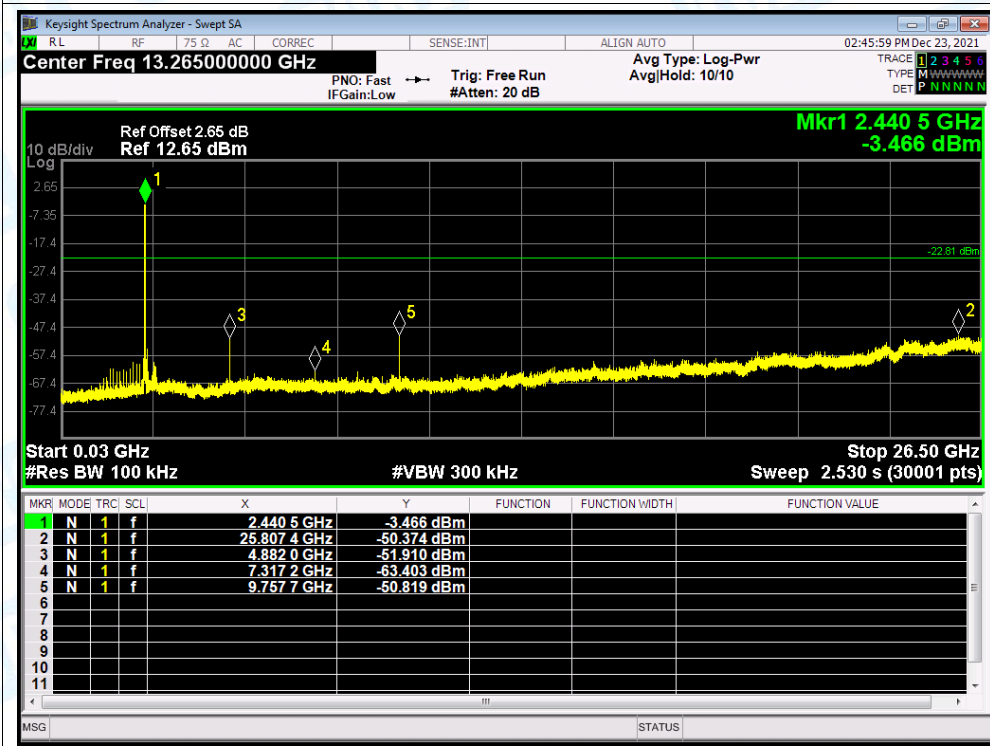
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH1	2402	Ant1	-47.11	-20	Pass
NVNT	1-DH1	2441	Ant1	-47.57	-20	Pass
NVNT	1-DH1	2480	Ant1	-46.72	-20	Pass
NVNT	2-DH1	2402	Ant1	-46.94	-20	Pass
NVNT	2-DH1	2441	Ant1	-46.49	-20	Pass
NVNT	2-DH1	2480	Ant1	-46.4	-20	Pass
NVNT	3-DH1	2402	Ant1	-46.24	-20	Pass
NVNT	3-DH1	2441	Ant1	-46.98	-20	Pass
NVNT	3-DH1	2480	Ant1	-46.45	-20	Pass



### Tx. Spurious NVNT 1-DH1 2441MHz Ant1 Ref



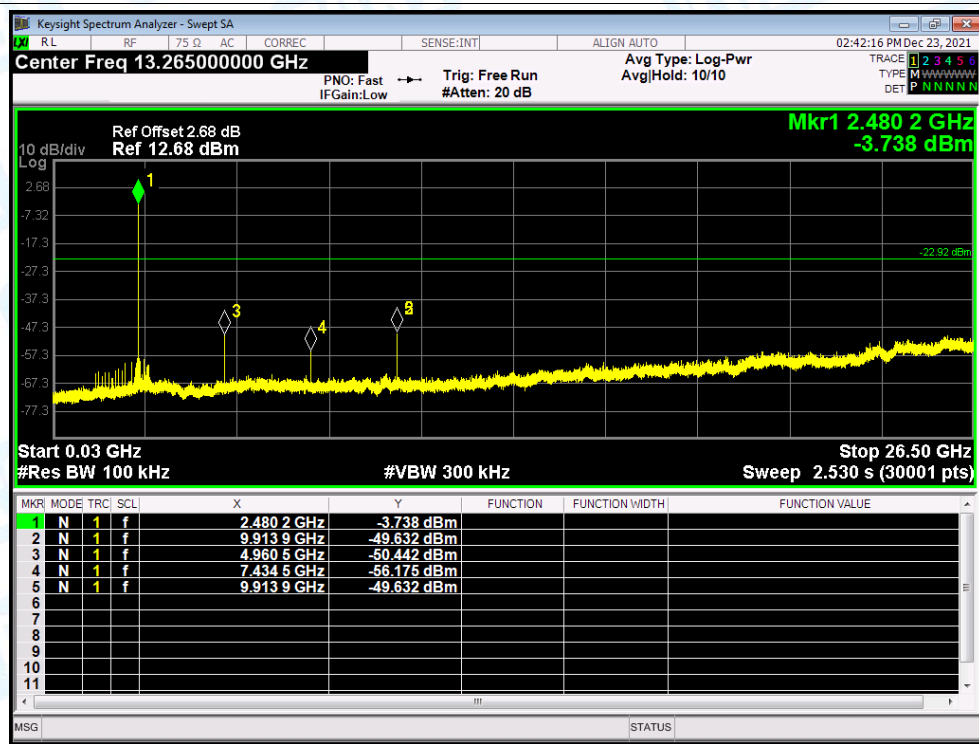
### Tx. Spurious NVNT 1-DH1 2441MHz Ant1 Emission



### Tx. Spurious NVNT 1-DH1 2480MHz Ant1 Ref

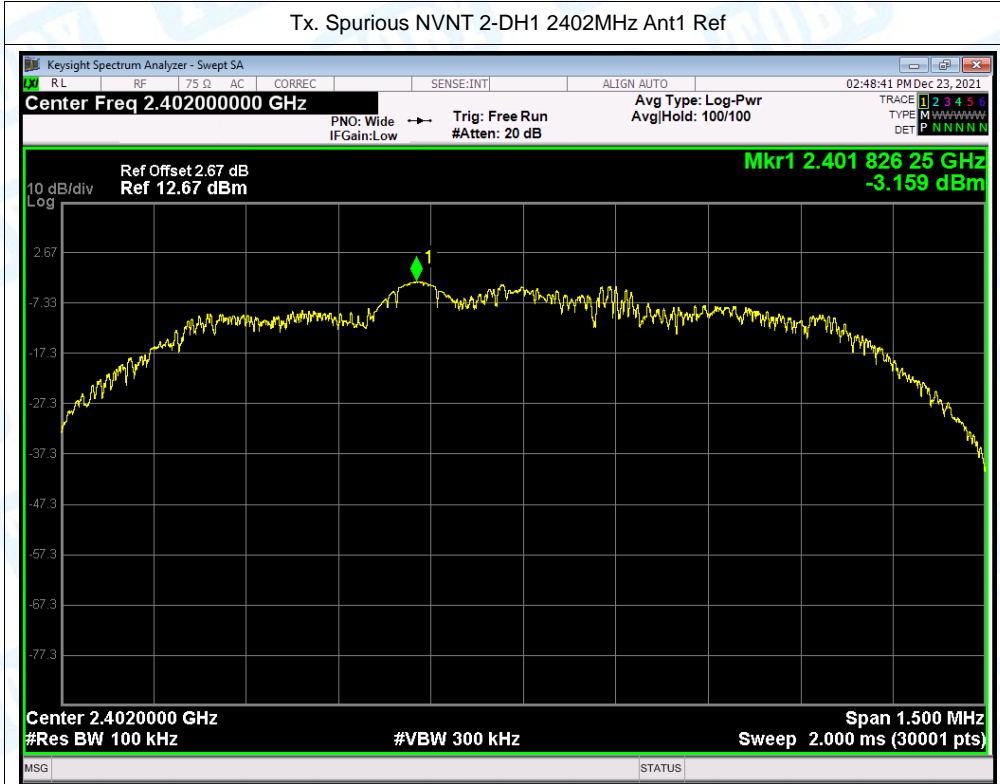


### Tx. Spurious NVNT 1-DH1 2480MHz Ant1 Emission

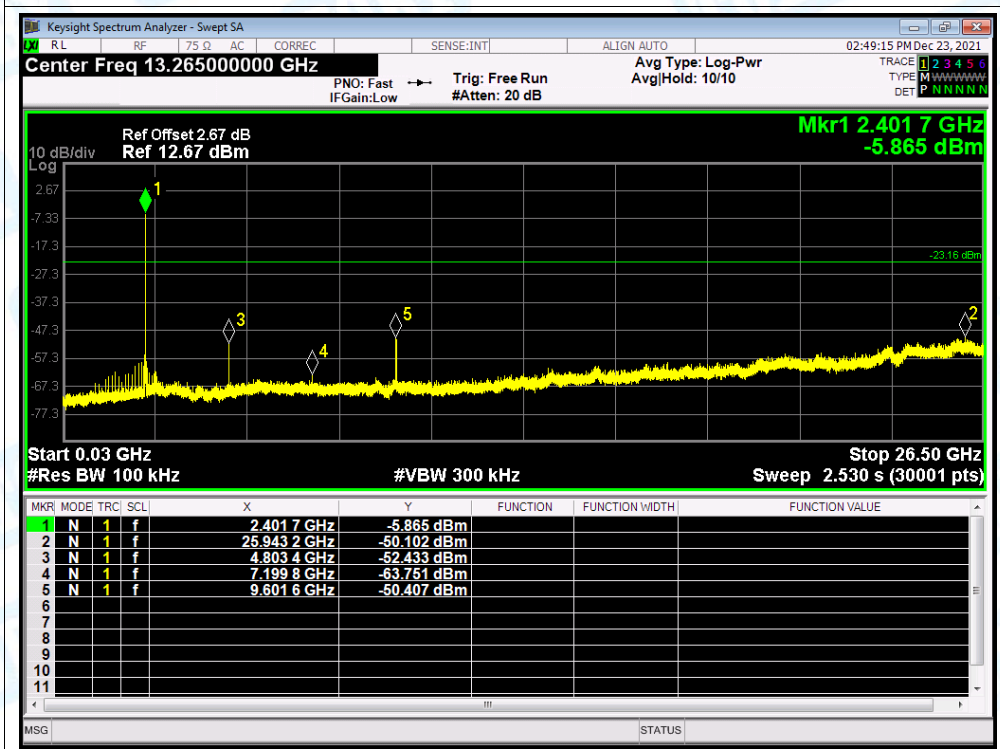




Tx. Spurious NVNT 2-DH1 2402MHz Ant1 Ref



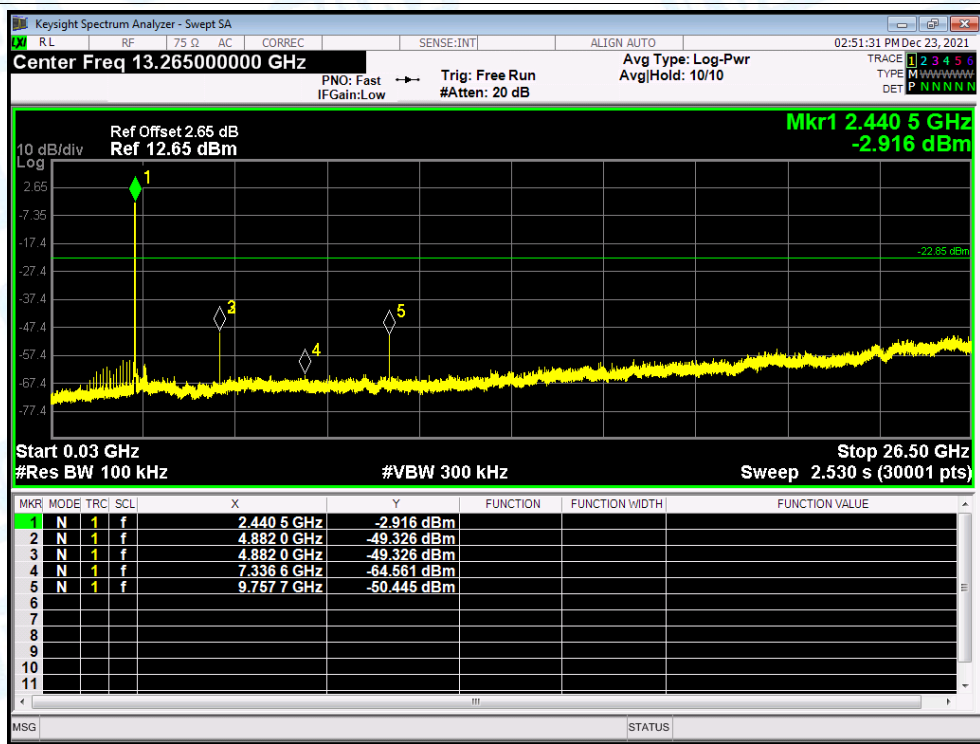
Tx. Spurious NVNT 2-DH1 2402MHz Ant1 Emission



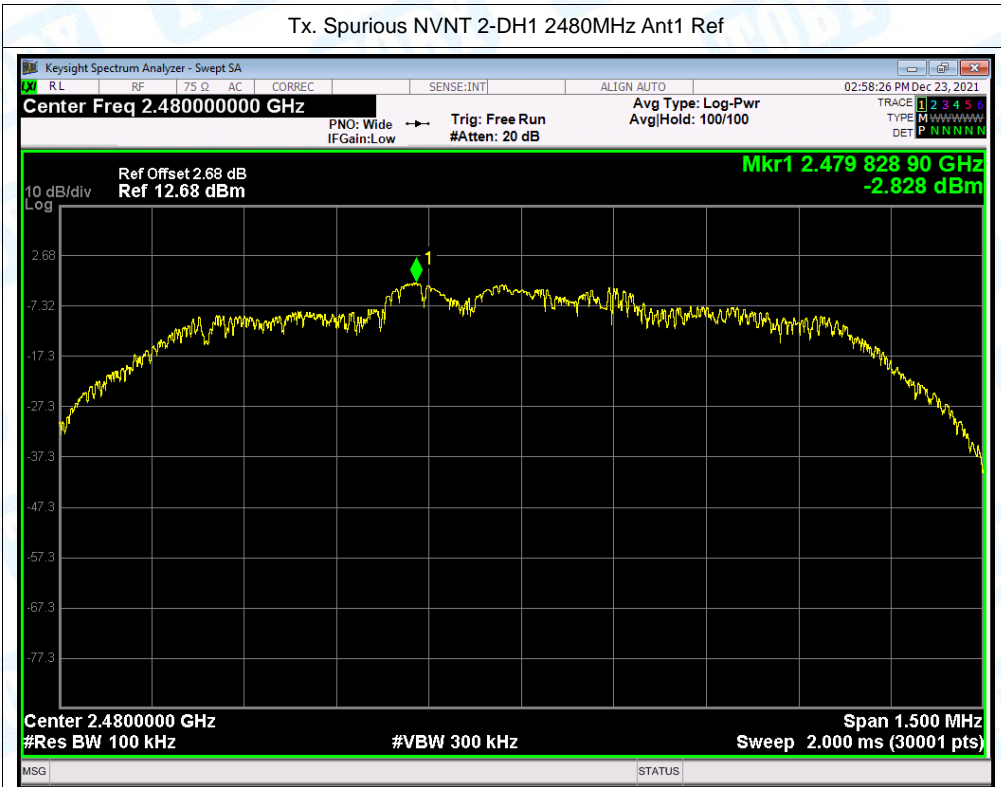
Tx. Spurious NVNT 2-DH1 2441MHz Ant1 Ref



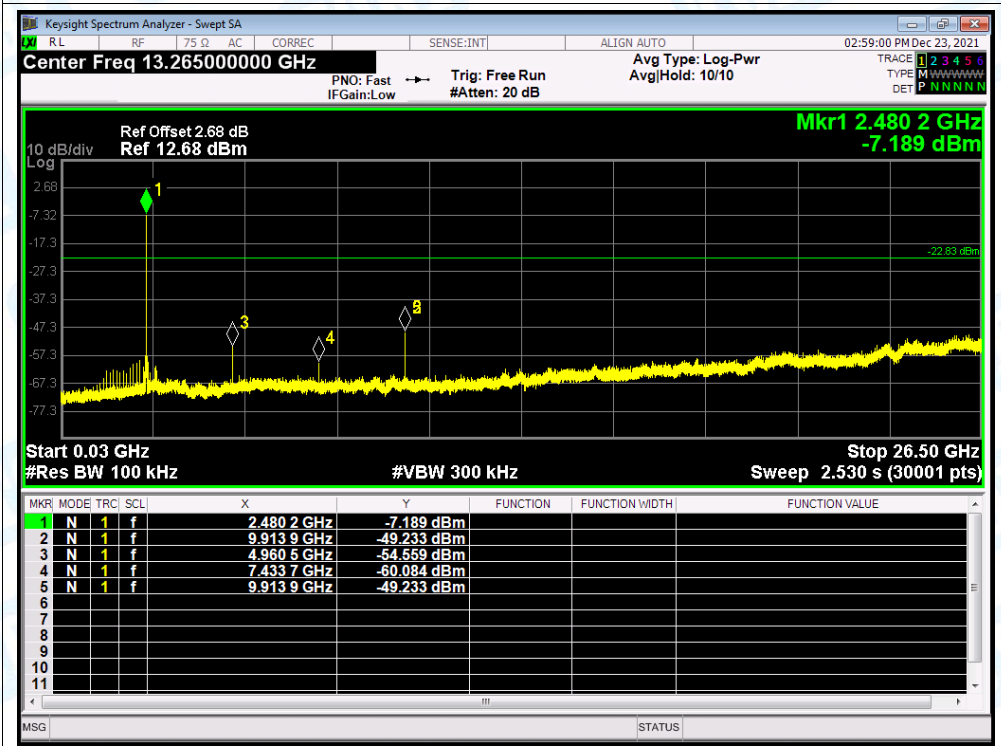
Tx. Spurious NVNT 2-DH1 2441MHz Ant1 Emission



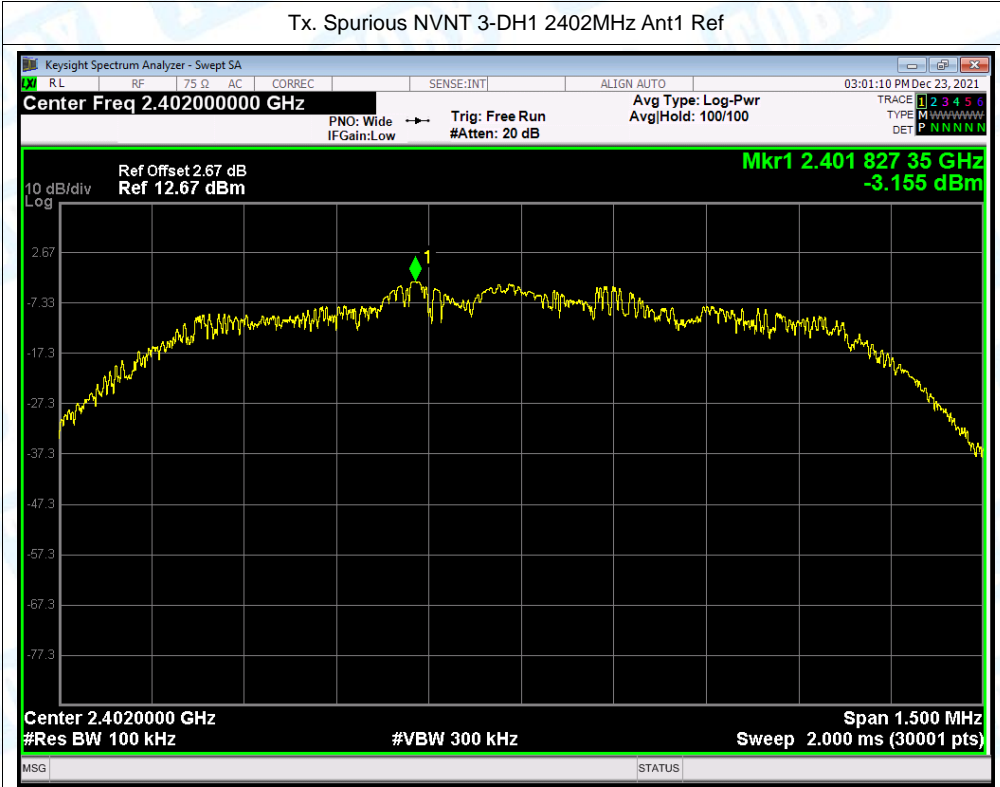
Tx. Spurious NVNT 2-DH1 2480MHz Ant1 Ref



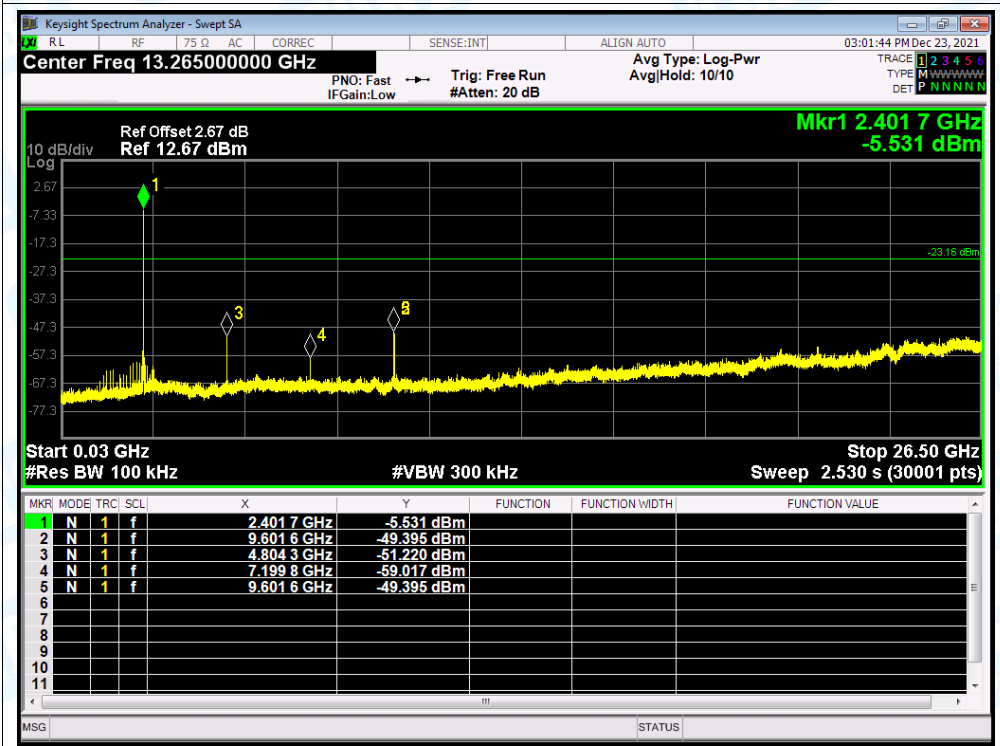
Tx. Spurious NVNT 2-DH1 2480MHz Ant1 Emission



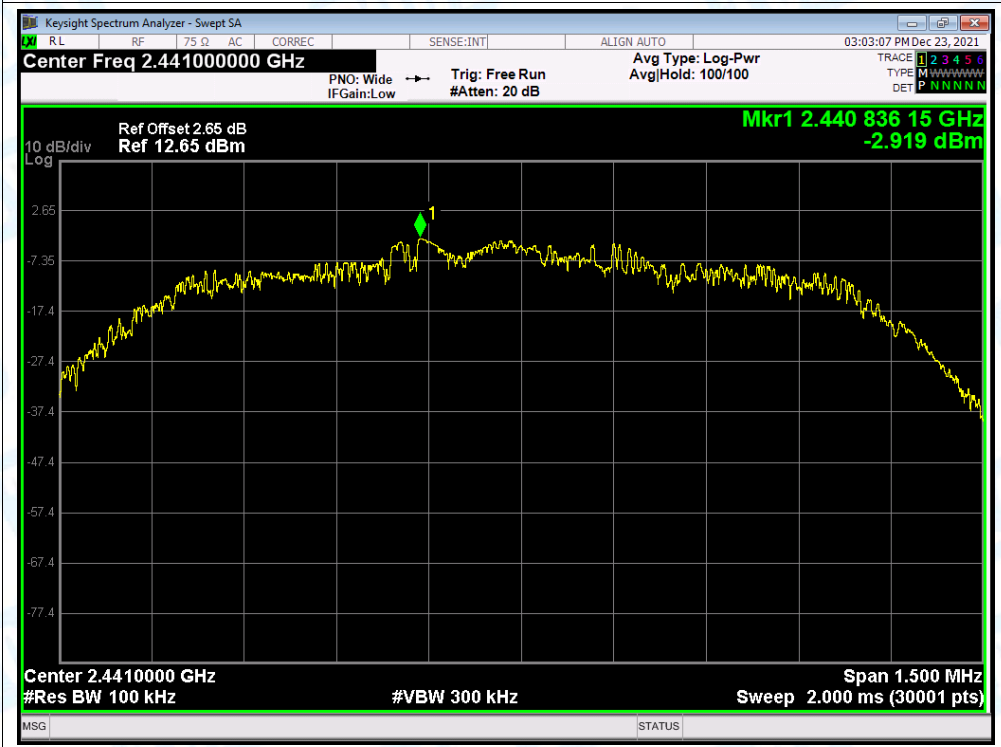
Tx. Spurious NVNT 3-DH1 2402MHz Ant1 Ref



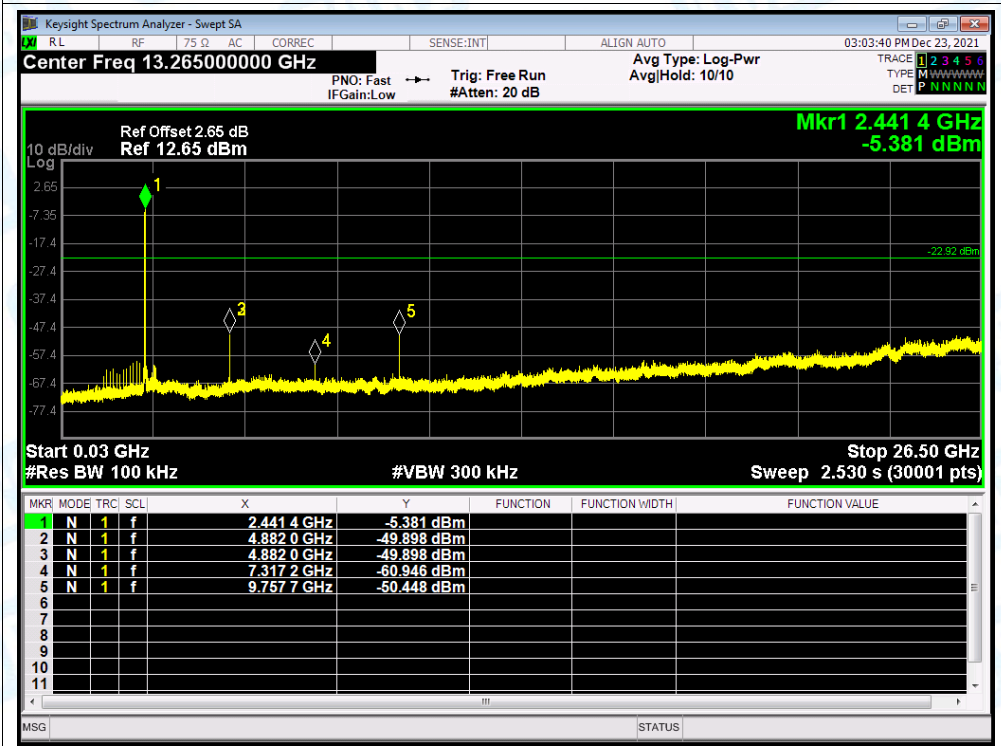
Tx. Spurious NVNT 3-DH1 2402MHz Ant1 Emission



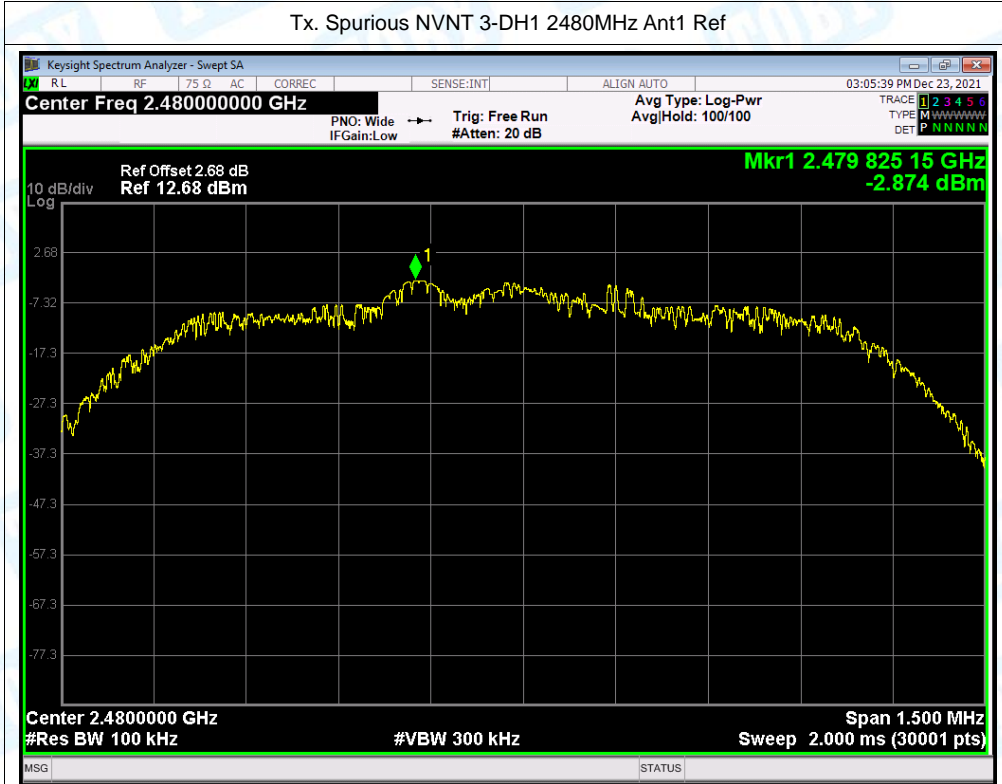
### Tx. Spurious NVNT 3-DH1 2441MHz Ant1 Ref



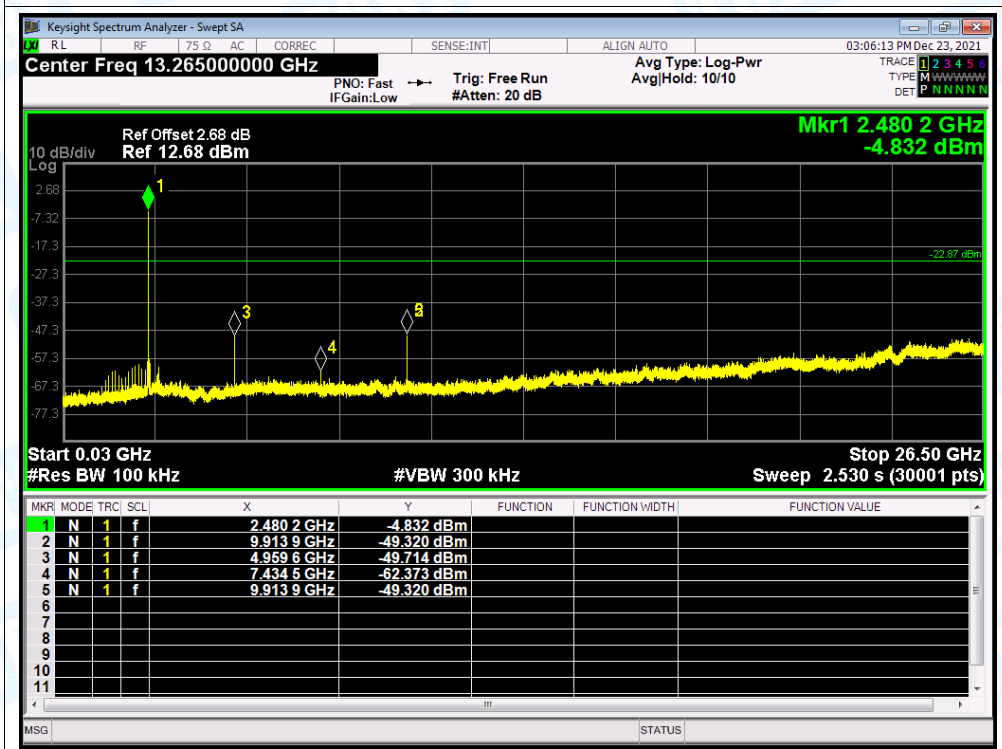
### Tx. Spurious NVNT 3-DH1 2441MHz Ant1 Emission



Tx. Spurious NVNT 3-DH1 2480MHz Ant1 Ref

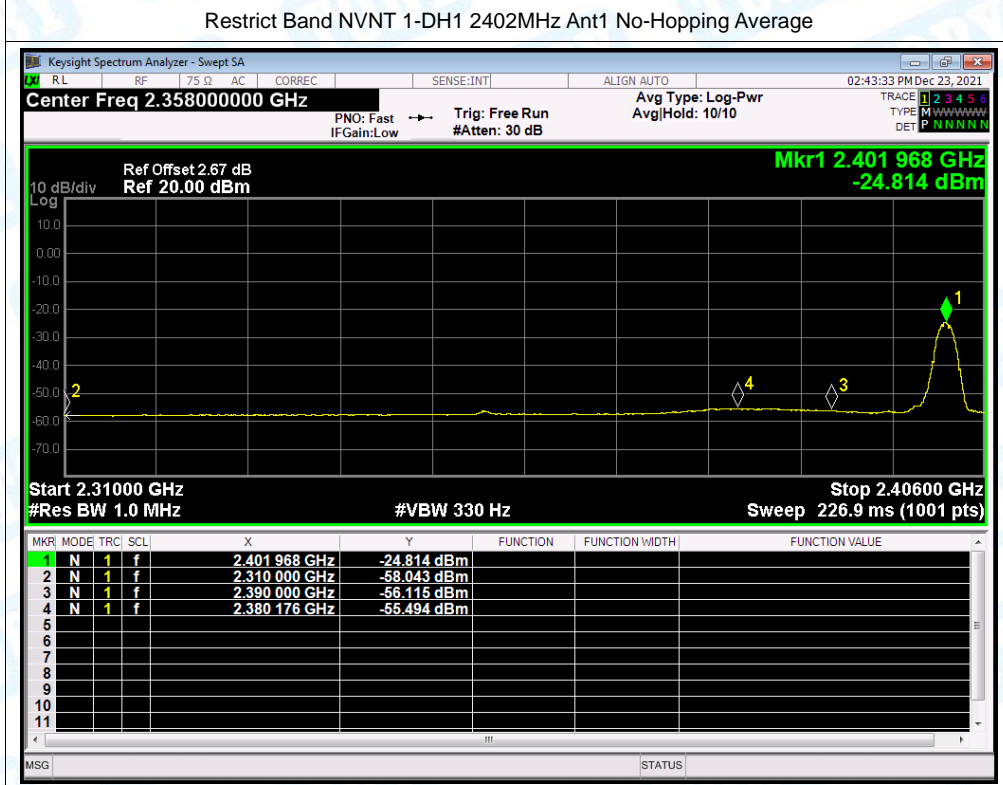
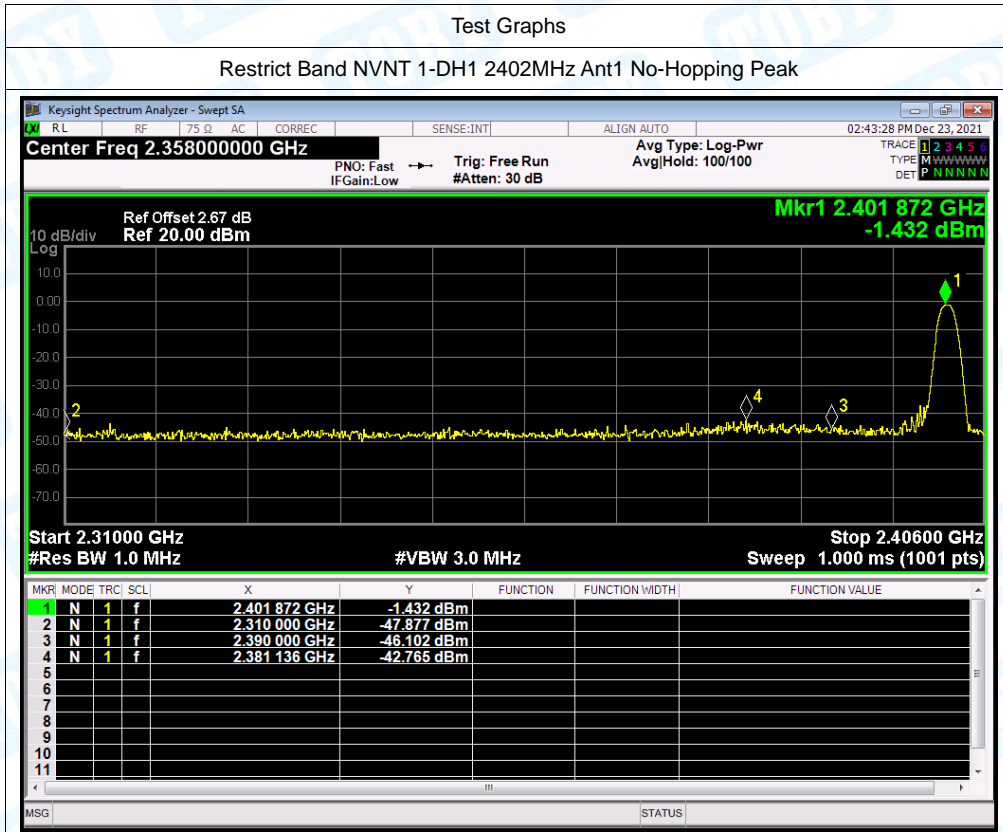


Tx. Spurious NVNT 3-DH1 2480MHz Ant1 Emission



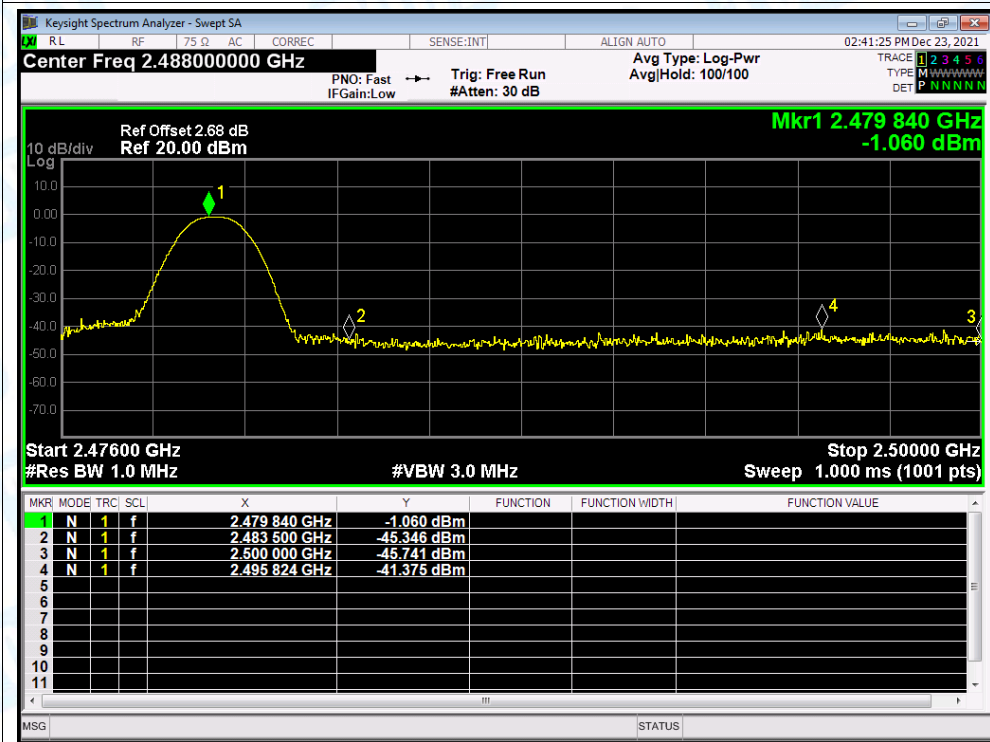
## 8.Restrict Band

Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
NVNT	1-DH1	2402	Ant1	No-Hopping	2310	-47.88	2	49.38	Peak	74	Pass
NVNT	1-DH1	2402	Ant1	No-Hopping	2310	-58.04	2	39.22	Average	54	Pass
NVNT	1-DH1	2402	Ant1	No-Hopping	2381.136	-42.77	2	54.49	Peak	74	Pass
NVNT	1-DH1	2402	Ant1	No-Hopping	2380.176	-55.49	2	41.77	Average	54	Pass
NVNT	1-DH1	2402	Ant1	No-Hopping	2390	-45.6	2	51.66	Peak	74	Pass
NVNT	1-DH1	2402	Ant1	No-Hopping	2390	-56.22	2	41.04	Average	54	Pass
NVNT	1-DH1	2480	Ant1	No-Hopping	2483.5	-45.35	2	51.91	Peak	74	Pass
NVNT	1-DH1	2480	Ant1	No-Hopping	2483.5	-55.32	2	41.94	Average	54	Pass
NVNT	1-DH1	2480	Ant1	No-Hopping	2495.824	-41.37	2	55.89	Peak	74	Pass
NVNT	1-DH1	2480	Ant1	No-Hopping	2495.872	-54.78	2	42.48	Average	54	Pass
NVNT	1-DH1	2480	Ant1	No-Hopping	2500	-45.74	2	51.52	Peak	74	Pass
NVNT	1-DH1	2480	Ant1	No-Hopping	2500	-55.06	2	42.2	Average	54	Pass
NVNT	2-DH1	2402	Ant1	No-Hopping	2310	-46.27	2	50.99	Peak	74	Pass
NVNT	2-DH1	2402	Ant1	No-Hopping	2310	-57.86	2	39.4	Average	54	Pass
NVNT	2-DH1	2402	Ant1	No-Hopping	2385.36	-43.08	2	54.18	Peak	74	Pass
NVNT	2-DH1	2402	Ant1	No-Hopping	2382.096	-55.22	2	42.04	Average	54	Pass
NVNT	2-DH1	2402	Ant1	No-Hopping	2390	-44.99	2	52.27	Peak	74	Pass
NVNT	2-DH1	2402	Ant1	No-Hopping	2390	-56.12	2	41.14	Average	54	Pass
NVNT	2-DH1	2480	Ant1	No-Hopping	2483.5	-43.77	2	53.49	Peak	74	Pass
NVNT	2-DH1	2480	Ant1	No-Hopping	2483.5	-55.48	2	41.78	Average	54	Pass
NVNT	2-DH1	2480	Ant1	No-Hopping	2497.72	-40.71	2	56.55	Peak	74	Pass
NVNT	2-DH1	2480	Ant1	No-Hopping	2495.632	-54.7	2	42.56	Average	54	Pass
NVNT	2-DH1	2480	Ant1	No-Hopping	2500	-45.67	2	51.59	Peak	74	Pass
NVNT	2-DH1	2480	Ant1	No-Hopping	2500	-54.89	2	42.37	Average	54	Pass
NVNT	3-DH1	2402	Ant1	No-Hopping	2310	-48.6	2	48.66	Peak	74	Pass
NVNT	3-DH1	2402	Ant1	No-Hopping	2310	-57.83	2	39.43	Average	54	Pass
NVNT	3-DH1	2402	Ant1	No-Hopping	2387.28	-42.32	2	54.94	Peak	74	Pass
NVNT	3-DH1	2402	Ant1	No-Hopping	2380.848	-55.14	2	42.12	Average	54	Pass
NVNT	3-DH1	2402	Ant1	No-Hopping	2390	-46.99	2	50.27	Peak	74	Pass
NVNT	3-DH1	2402	Ant1	No-Hopping	2390	-56.15	2	41.11	Average	54	Pass
NVNT	3-DH1	2480	Ant1	No-Hopping	2483.5	-46.24	2	51.02	Peak	74	Pass
NVNT	3-DH1	2480	Ant1	No-Hopping	2483.5	-55.68	2	41.58	Average	54	Pass
NVNT	3-DH1	2480	Ant1	No-Hopping	2494.72	-41.18	2	56.08	Peak	74	Pass
NVNT	3-DH1	2480	Ant1	No-Hopping	2497.648	-54.59	2	42.67	Average	54	Pass
NVNT	3-DH1	2480	Ant1	No-Hopping	2500	-44.02	2	53.24	Peak	74	Pass
NVNT	3-DH1	2480	Ant1	No-Hopping	2500	-54.93	2	42.33	Average	54	Pass

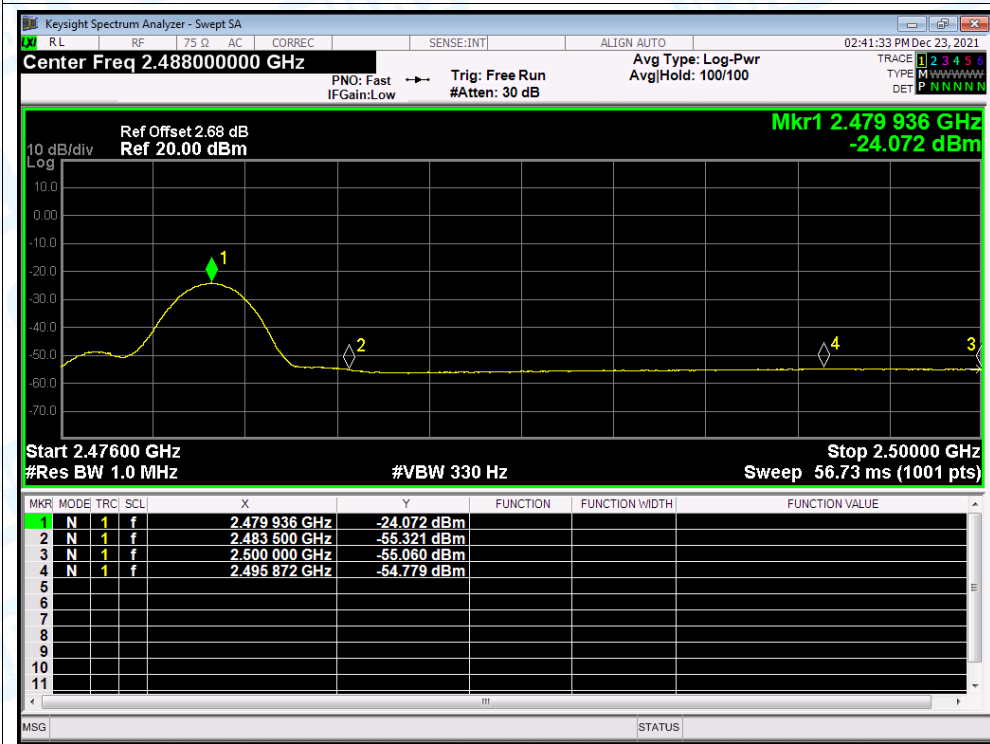




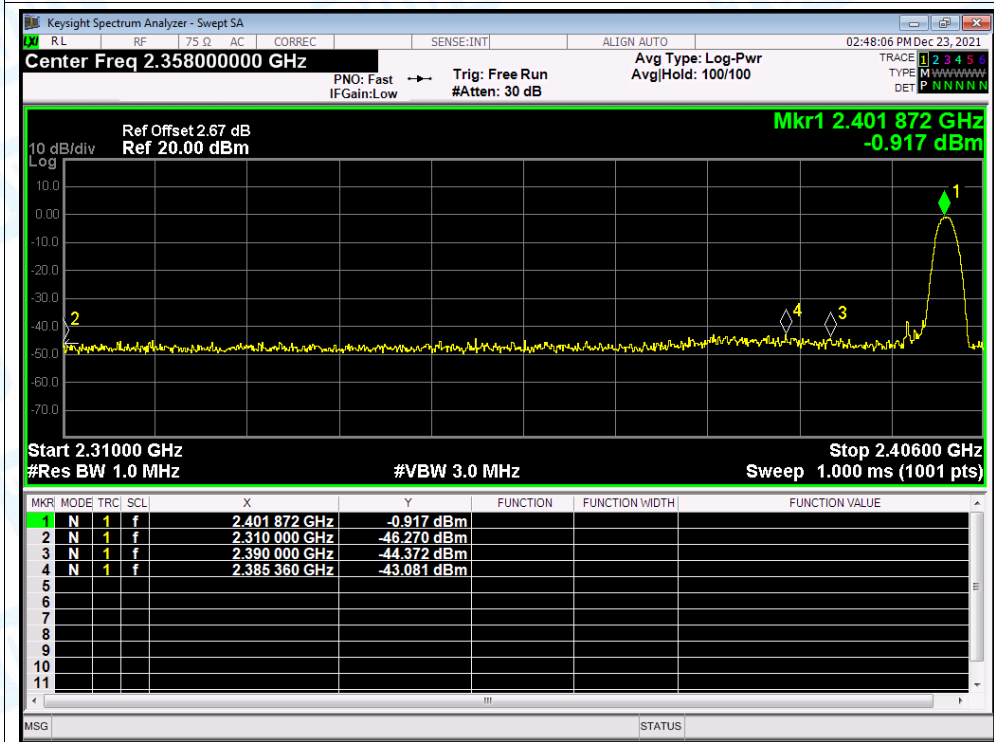
### Restrict Band NVNT 1-DH1 2480MHz Ant1 No-Hopping Peak



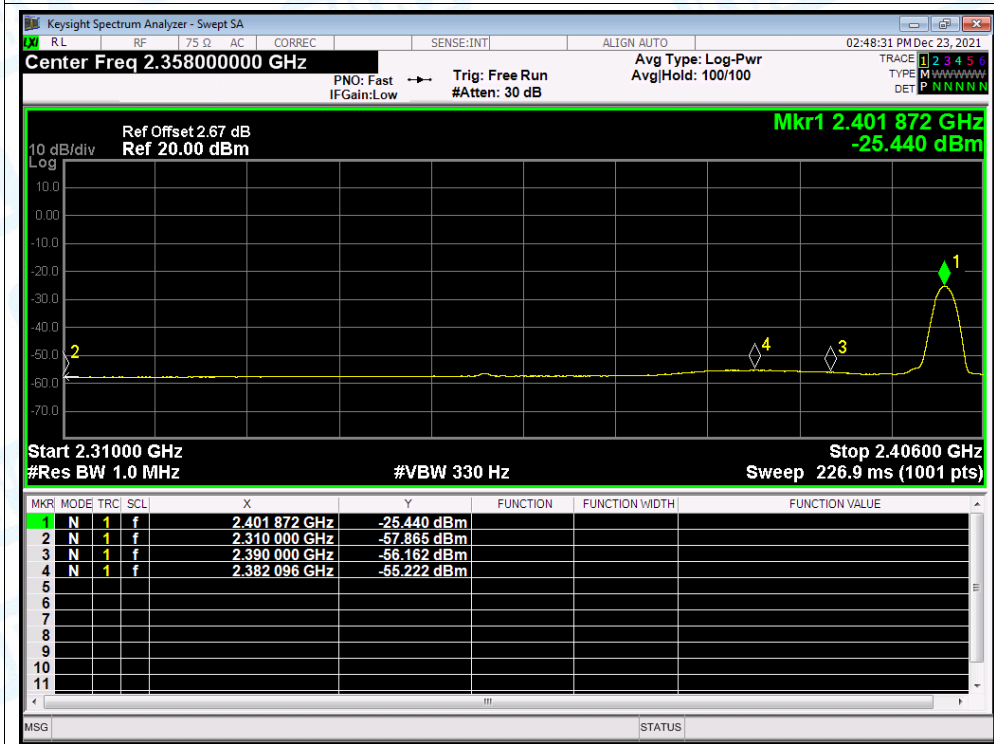
### Restrict Band NVNT 1-DH1 2480MHz Ant1 No-Hopping Average



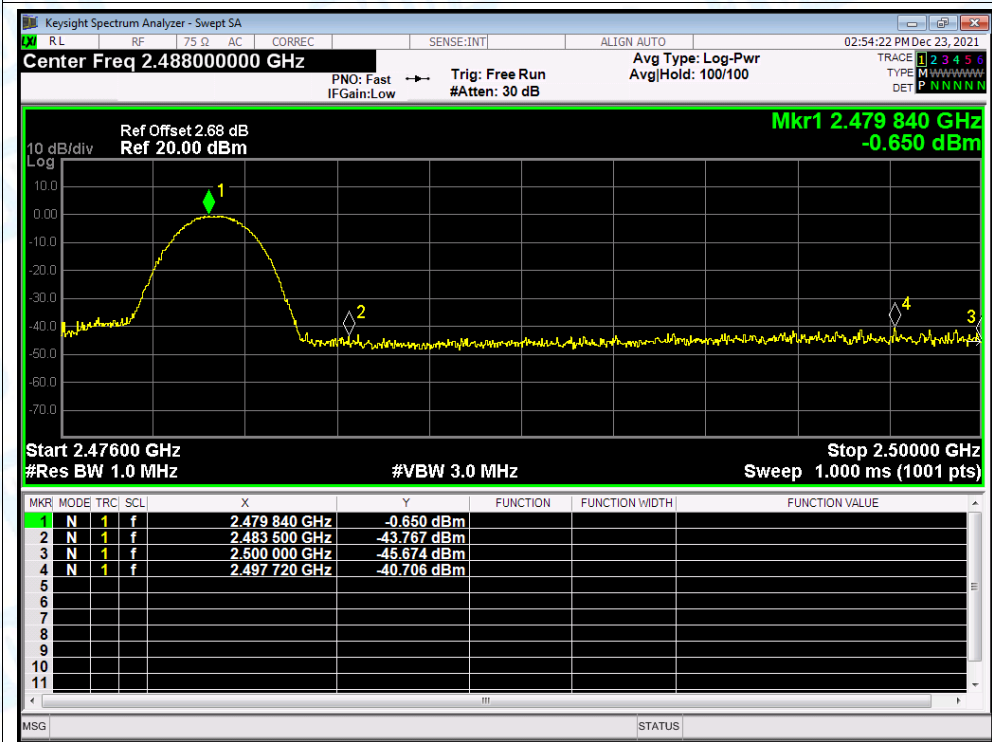
Restrict Band NVNT 2-DH1 2402MHz Ant1 No-Hopping Peak



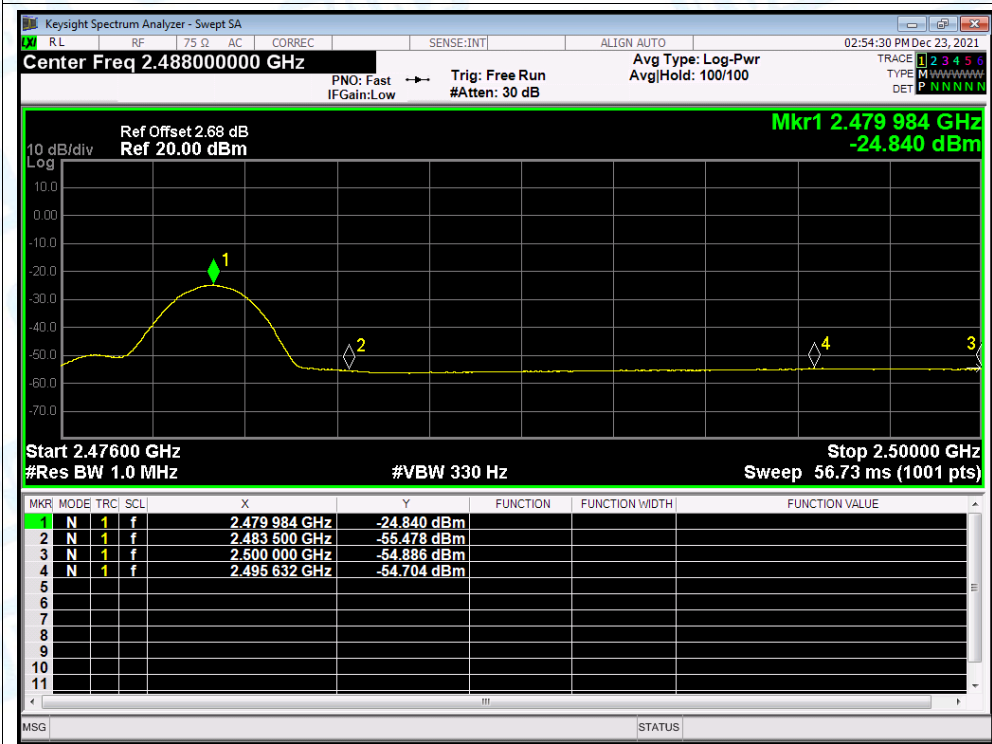
Restrict Band NVNT 2-DH1 2402MHz Ant1 No-Hopping Average



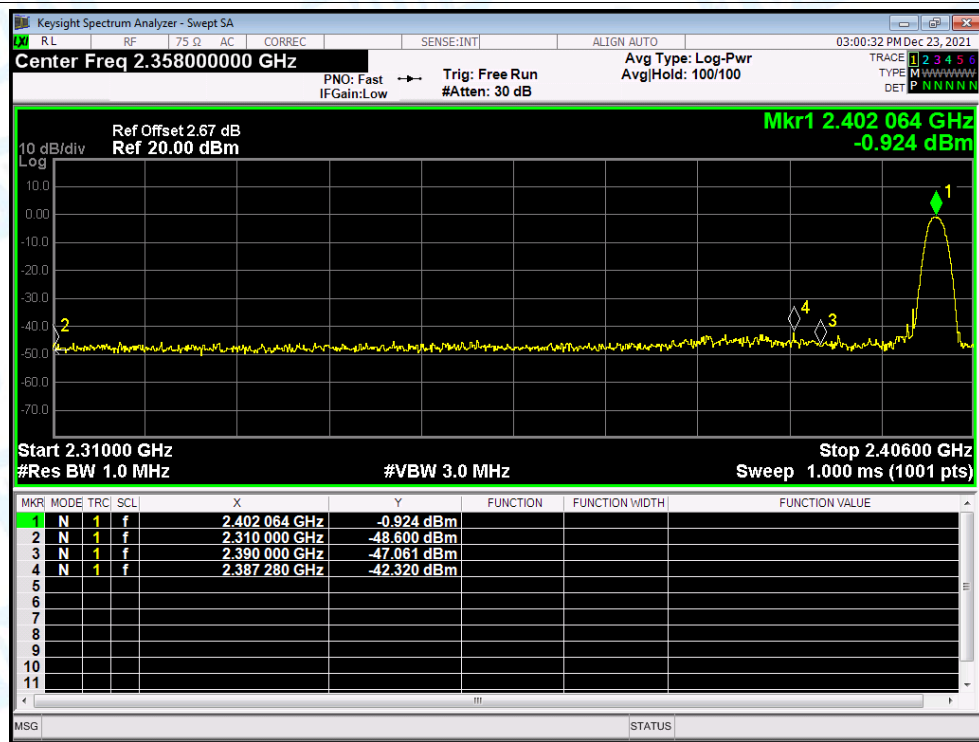
Restrict Band NVNT 2-DH1 2480MHz Ant1 No-Hopping Peak



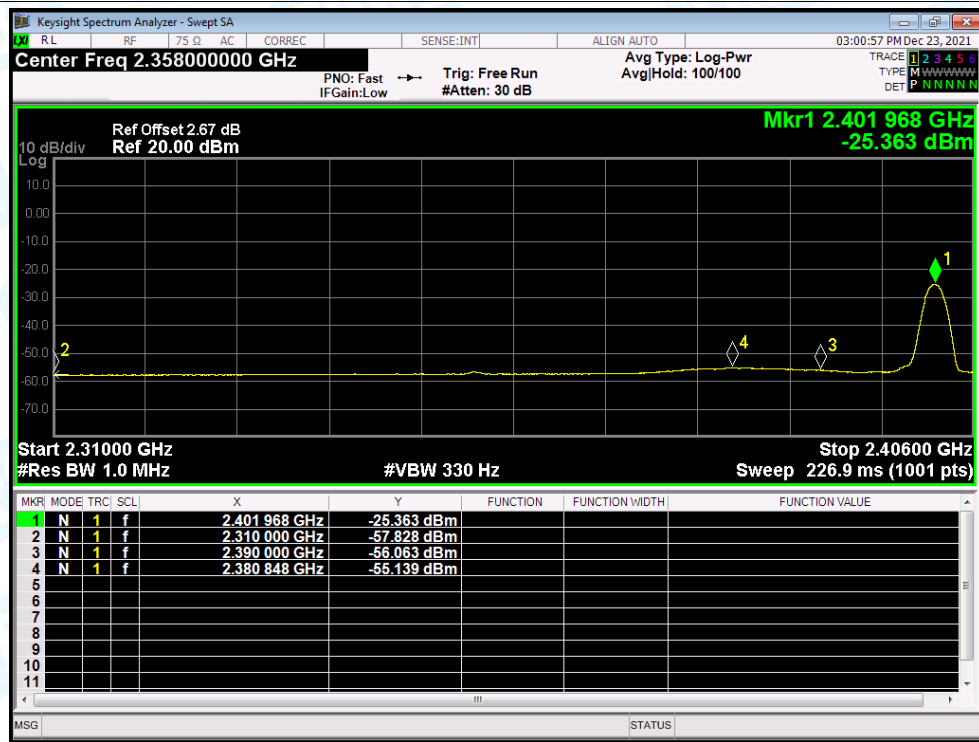
Restrict Band NVNT 2-DH1 2480MHz Ant1 No-Hopping Average



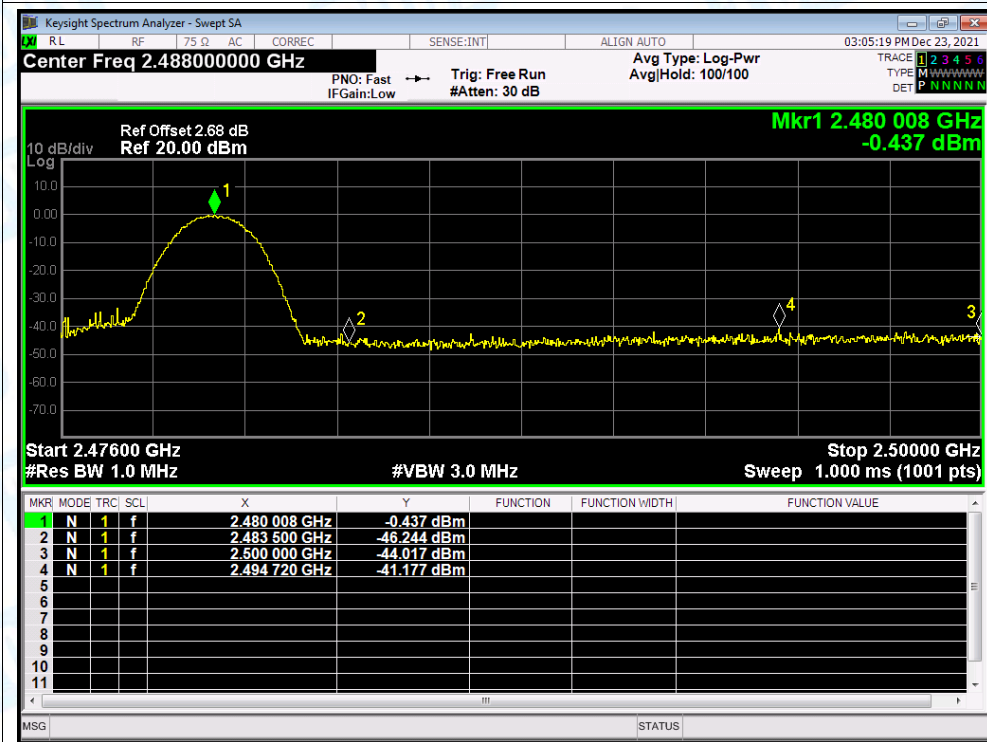
### Restrict Band NVNT 3-DH1 2402MHz Ant1 No-Hopping Peak



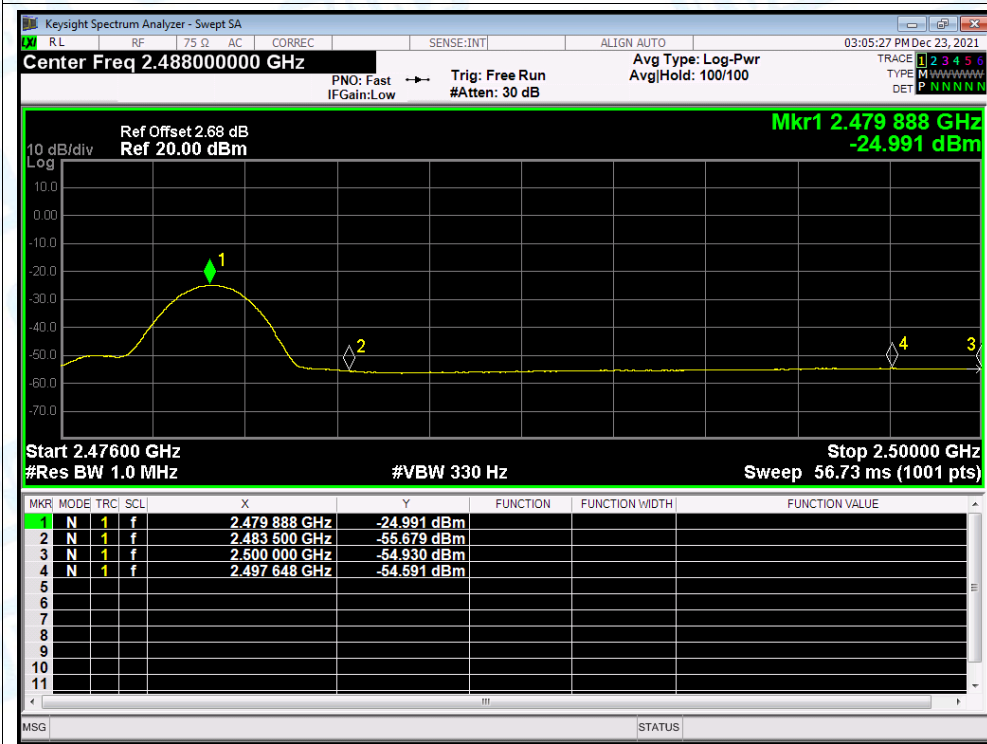
### Restrict Band NVNT 3-DH1 2402MHz Ant1 No-Hopping Average



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



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



## 9.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	0.377	120.64	31600	400	Pass
NVNT	1-DH3	2441	Ant1	1.632	261.12	31600	400	Pass
NVNT	1-DH5	2441	Ant1	2.88	307.2	31600	400	Pass
NVNT	2-DH1	2441	Ant1	0.377	120.64	31600	400	Pass
NVNT	2-DH3	2441	Ant1	1.638	262.08	31600	400	Pass
NVNT	2-DH5	2441	Ant1	2.886	307.84	31600	400	Pass
NVNT	3-DH1	2441	Ant1	0.376	120.32	31600	400	Pass
NVNT	3-DH3	2441	Ant1	1.636	261.76	31600	400	Pass
NVNT	3-DH5	2441	Ant1	2.888	308.053	31600	400	Pass

