

RF Test Data for BT

(Conducted Measurements)

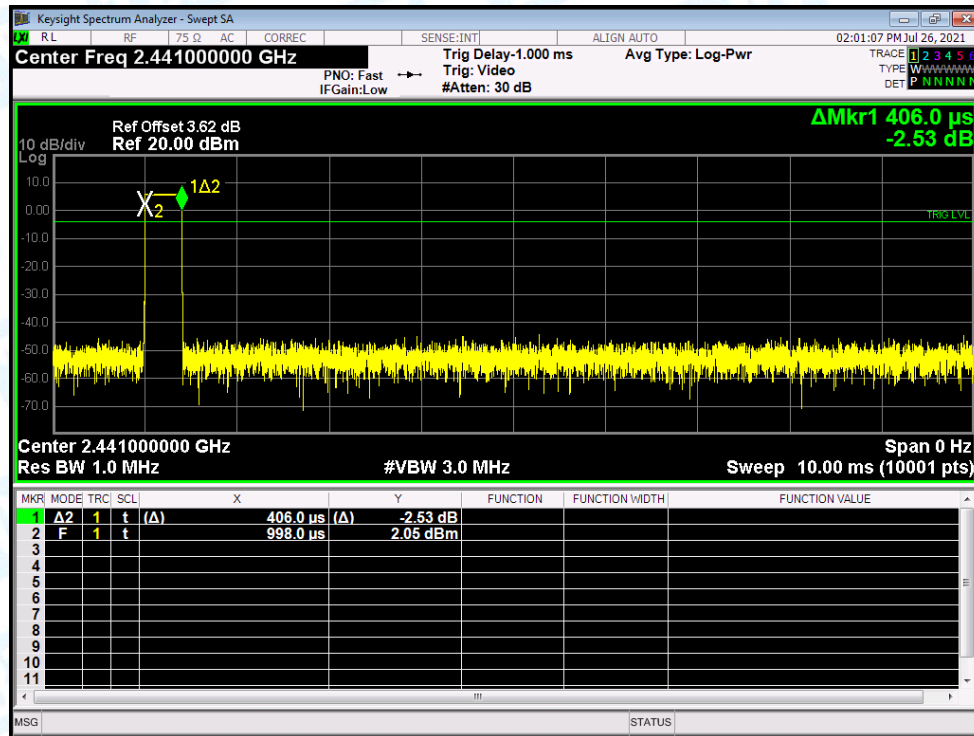
General Description of EUT	
Product Name:	Tablet PC
Test Model:	IT-801
Sample ID:	20210630-05-2#
Environmental Conditions	
Temperature:	23.8℃
Relative Humidity:	48%
Test Voltage:	DC 5V
Test Engineer:	HeJingchang
Note: For a more detailed features description, please refer to the report TB-RF182666.	

1.Dwell Time

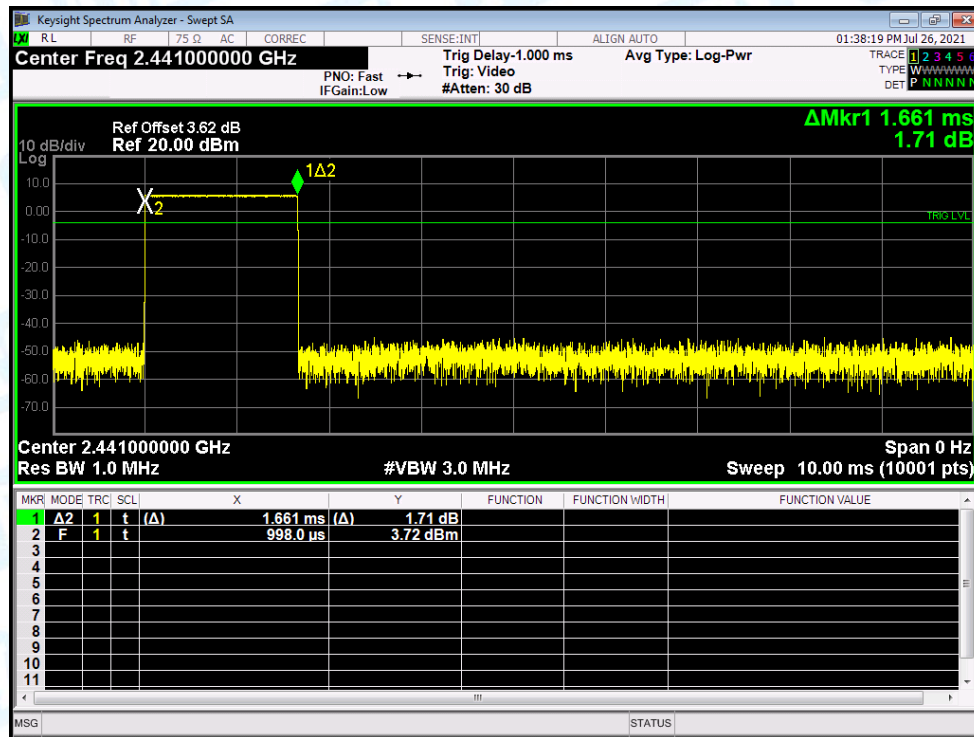
Condition	Mode	Frequency (MHz)	Antenna	Pulse Time (ms)	Total Dwell Time (ms)	Period Time (ms)	Limit (ms)	Verdict
NVNT	1-DH1	2441	Ant1	0.406	129.92	31600	400	Pass
NVNT	1-DH3	2441	Ant1	1.661	265.76	31600	400	Pass
NVNT	1-DH5	2441	Ant1	2.91	310.4	31600	400	Pass
NVNT	2-DH1	2441	Ant1	0.406	129.92	31600	400	Pass
NVNT	2-DH3	2441	Ant1	1.65	264	31600	400	Pass
NVNT	2-DH5	2441	Ant1	2.898	309.12	31600	400	Pass
NVNT	3-DH1	2441	Ant1	0.406	129.92	31600	400	Pass
NVNT	3-DH3	2441	Ant1	1.647	263.52	31600	400	Pass
NVNT	3-DH5	2441	Ant1	2.898	309.12	31600	400	Pass

Test Graphs

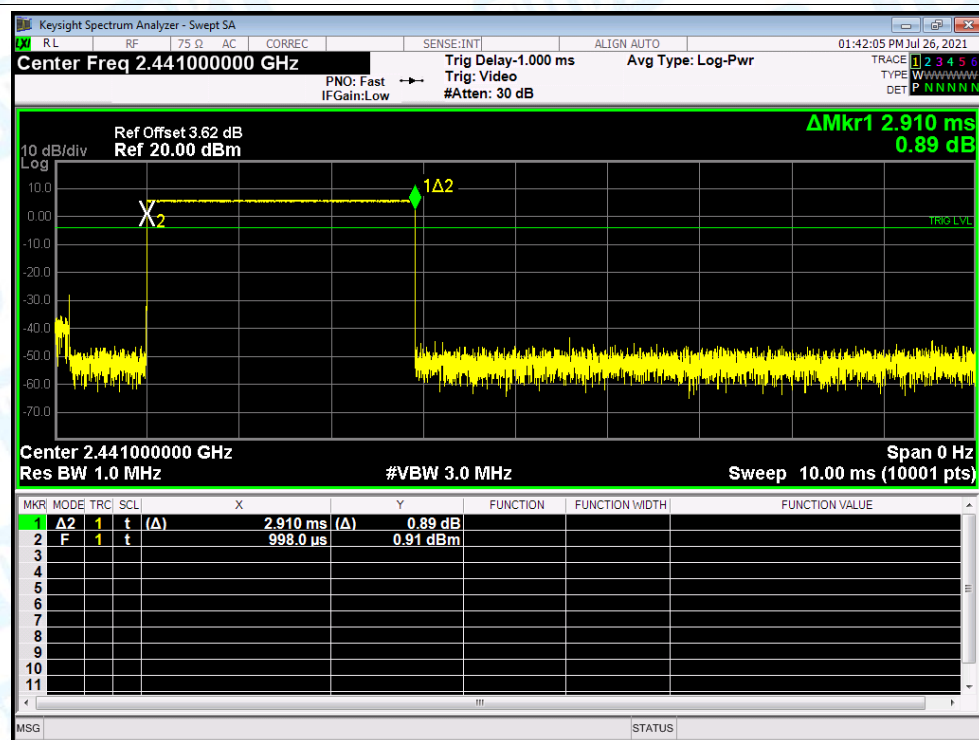
Dwell NVNT 1-DH1 2441MHz Ant1



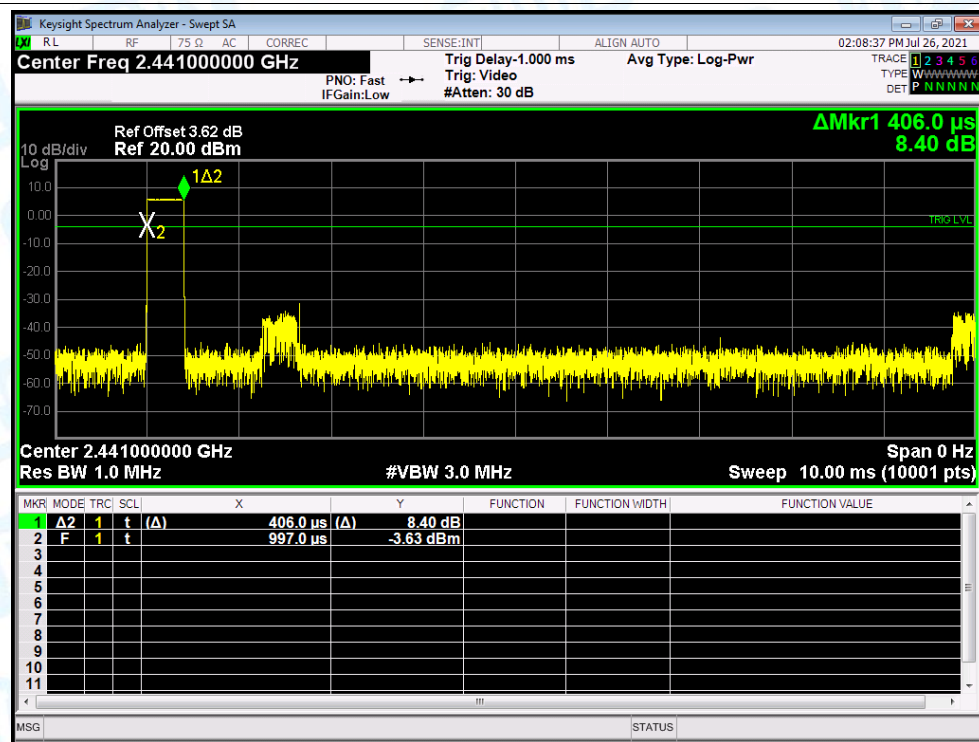
Dwell NVNT 1-DH3 2441MHz Ant1

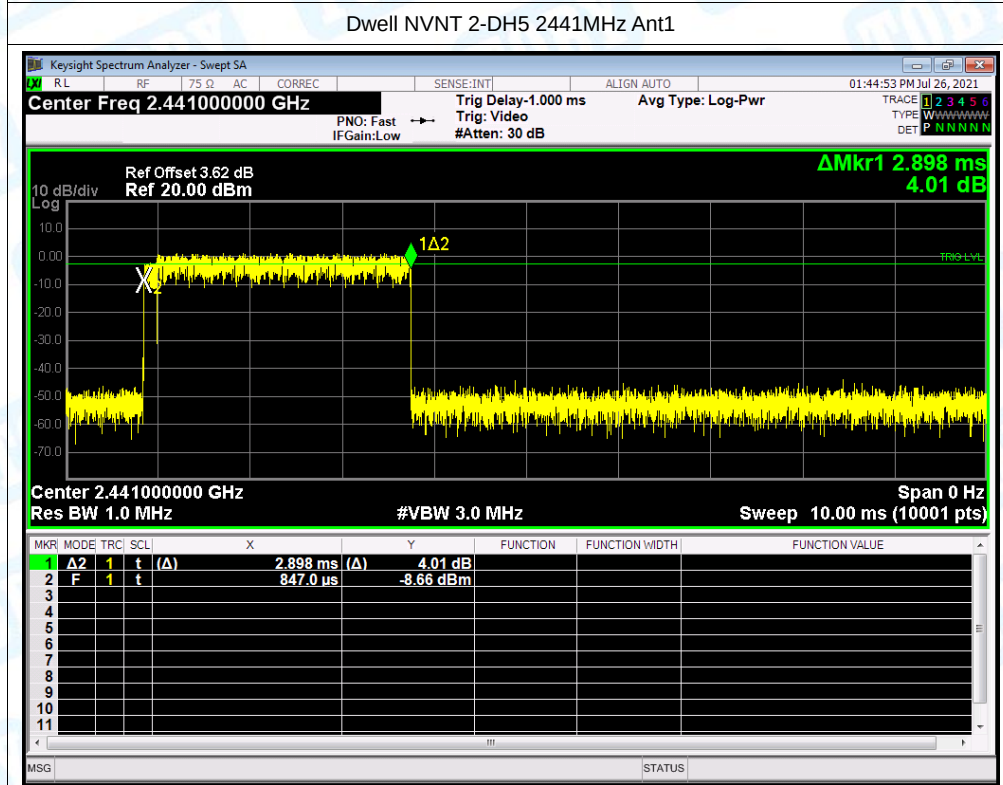
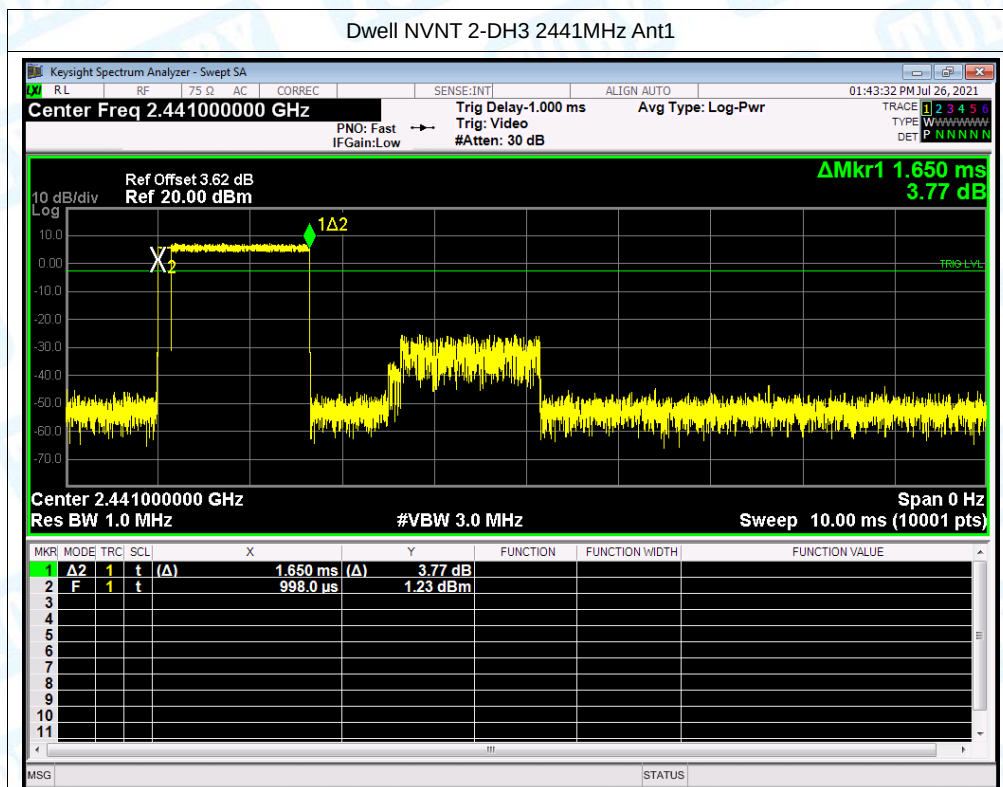


Dwell NVNT 1-DH5 2441MHz Ant1

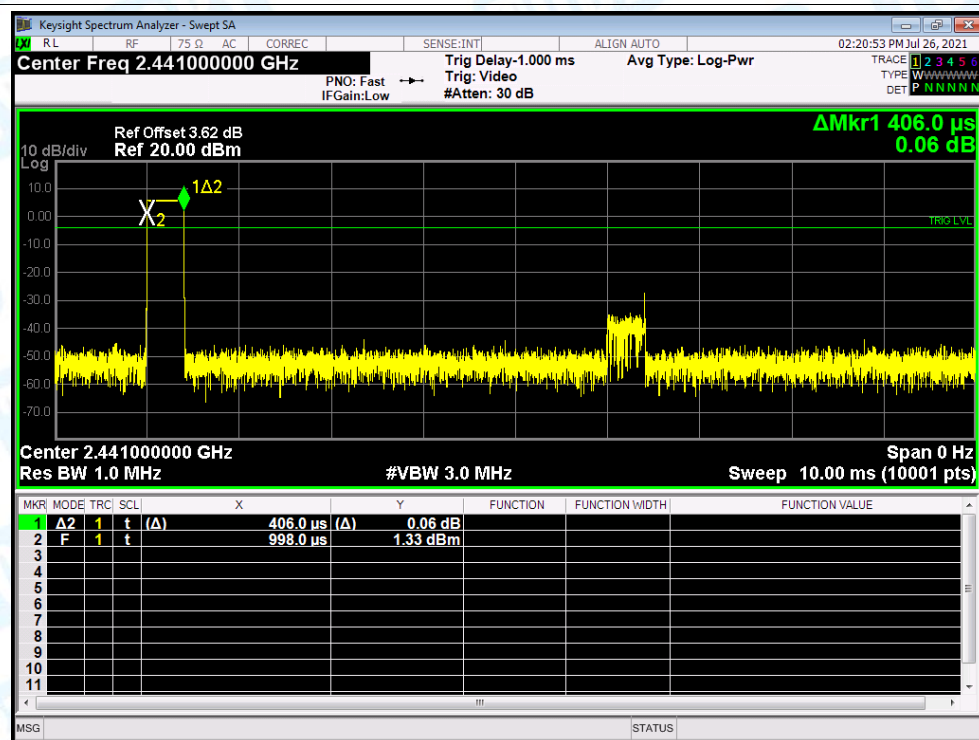


Dwell NVNT 2-DH1 2441MHz Ant1

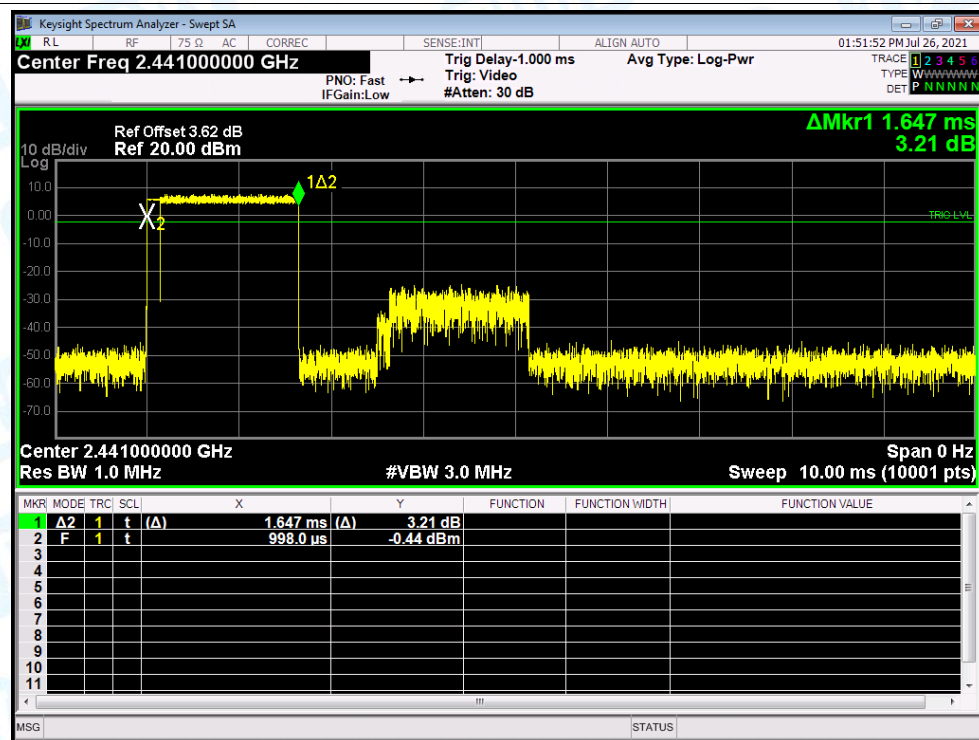


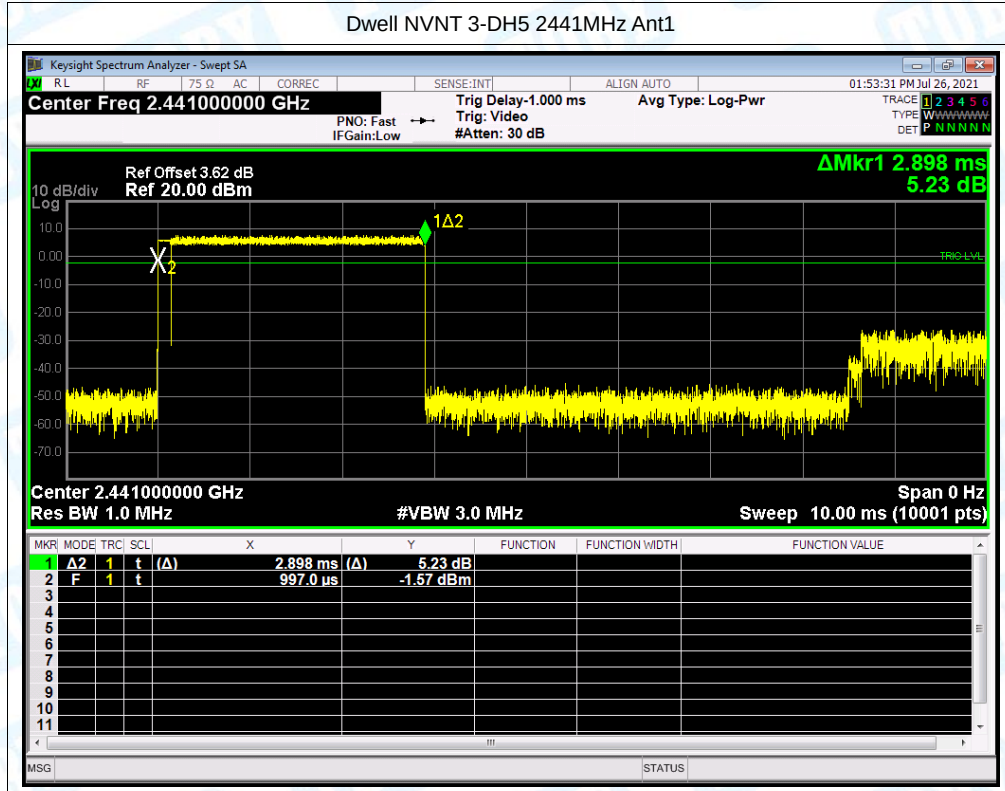


Dwell NVNT 3-DH1 2441MHz Ant1



Dwell NVNT 3-DH3 2441MHz Ant1



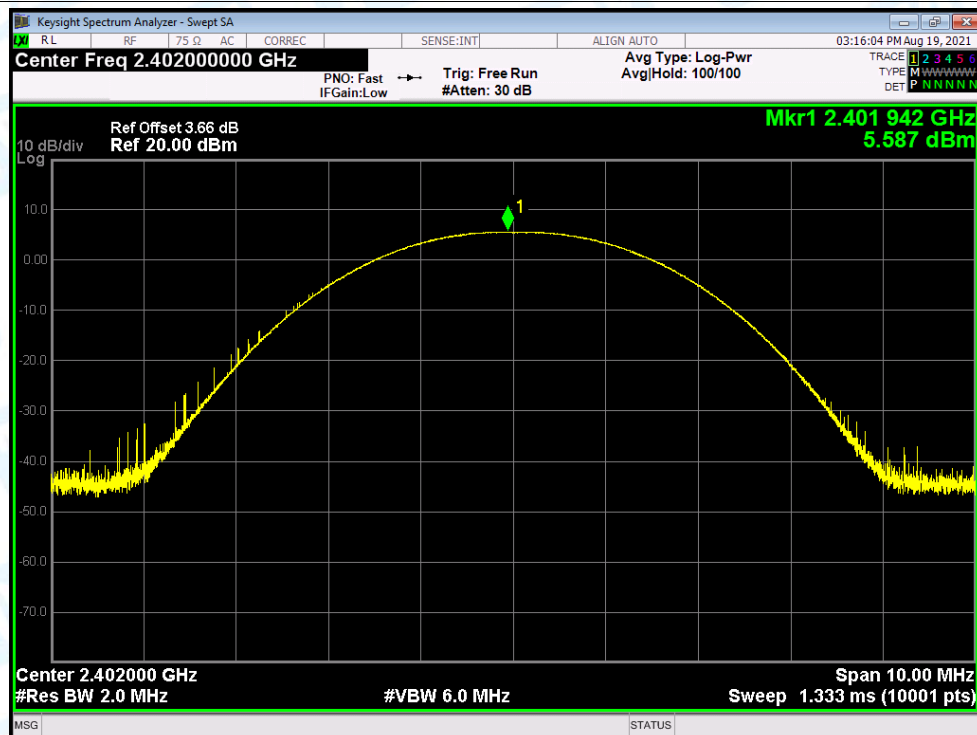


2.Maximum Conducted Output Power

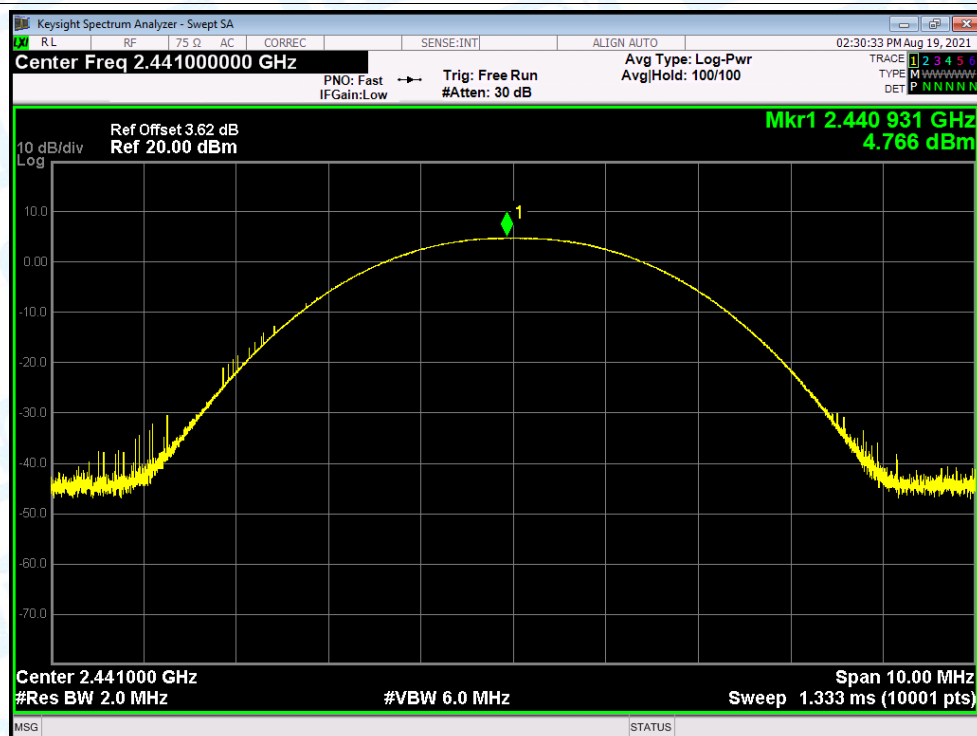
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	1-DH1	2402	Ant1	5.587	21	Pass
NVNT	1-DH1	2441	Ant1	4.766	21	Pass
NVNT	1-DH1	2480	Ant1	3.397	21	Pass
NVNT	2-DH1	2402	Ant1	6.178	21	Pass
NVNT	2-DH1	2441	Ant1	5.377	21	Pass
NVNT	2-DH1	2480	Ant1	3.976	21	Pass
NVNT	3-DH1	2402	Ant1	6.655	21	Pass
NVNT	3-DH1	2441	Ant1	5.742	21	Pass
NVNT	3-DH1	2480	Ant1	4.402	21	Pass

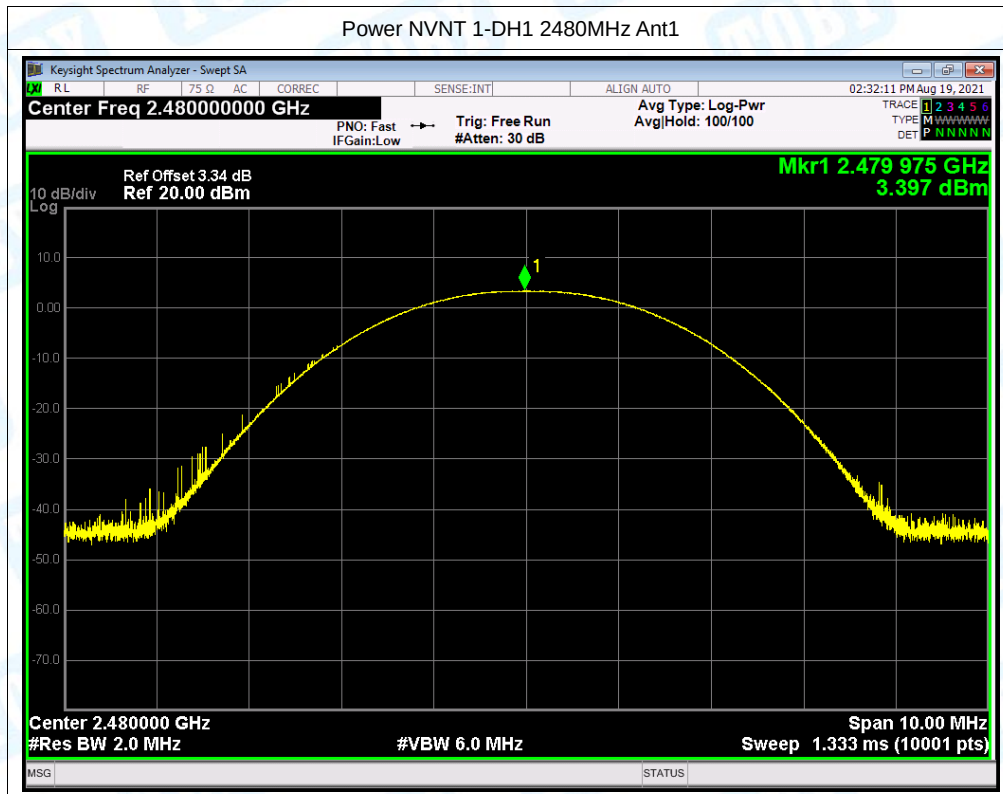
Test Graphs

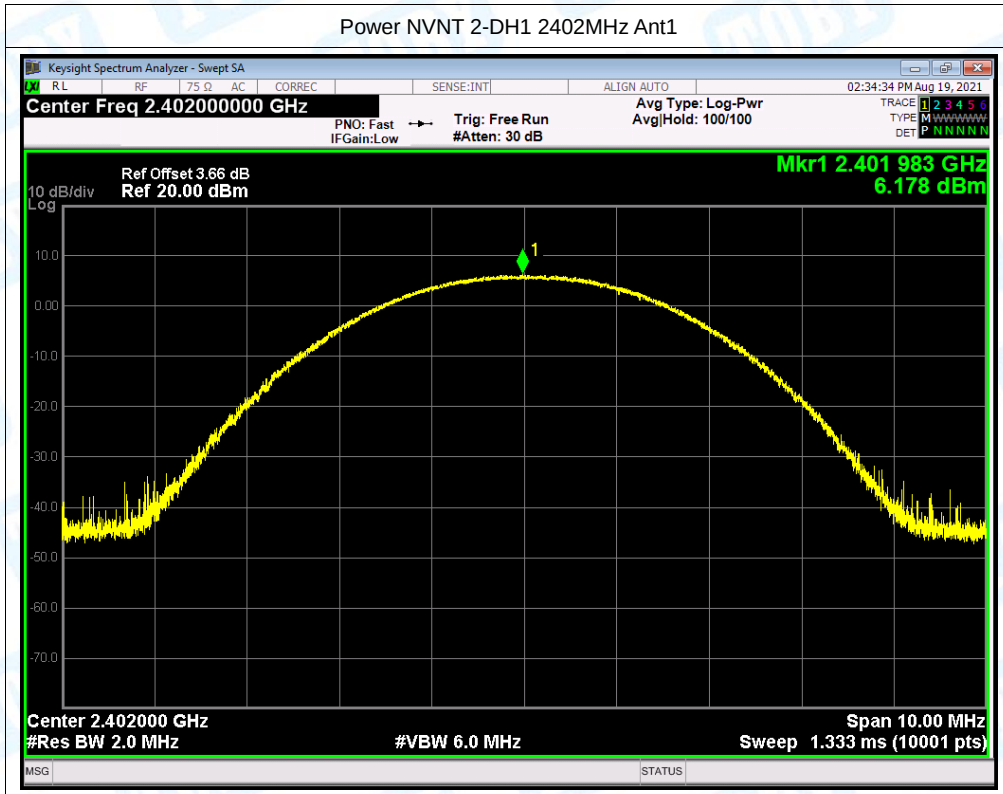
Power NVNT 1-DH1 2402MHz Ant1



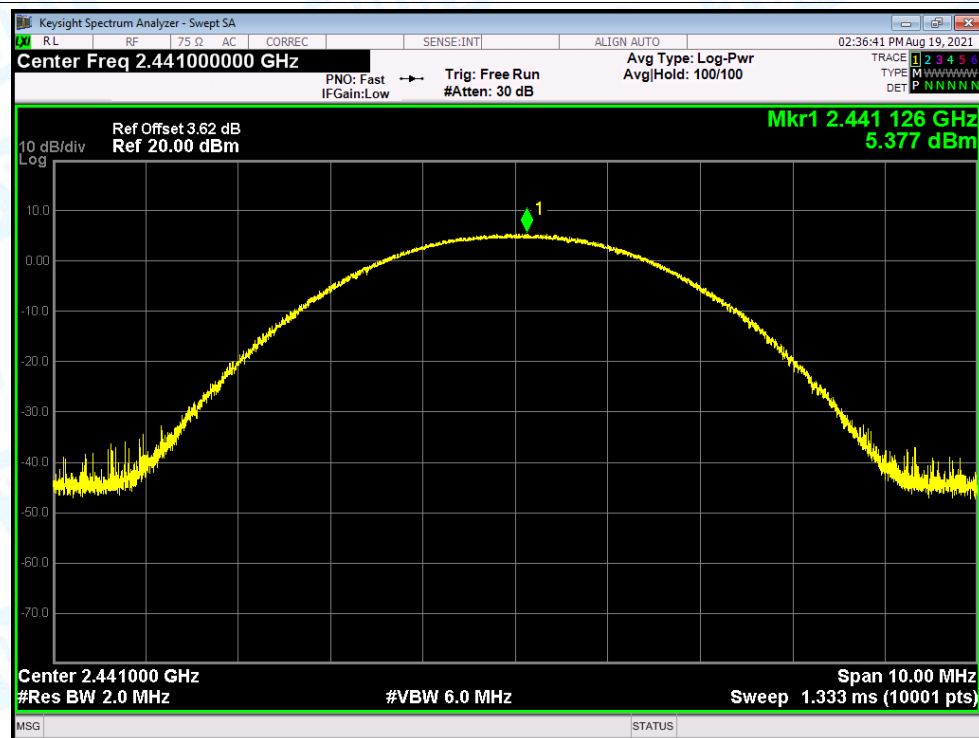
Power NVNT 1-DH1 2441MHz Ant1



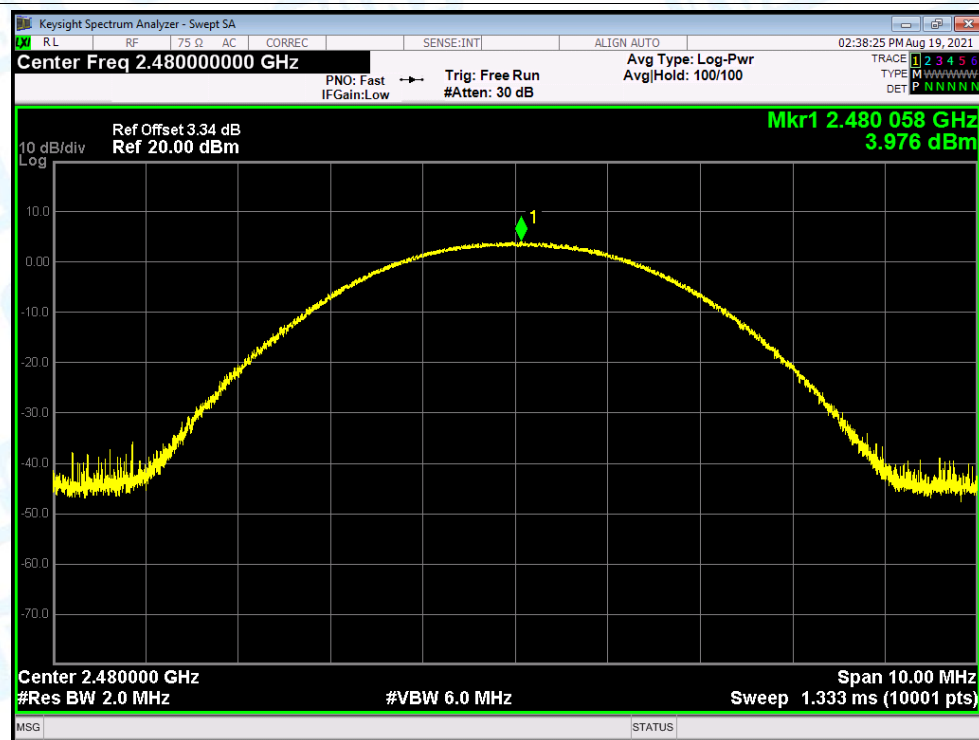




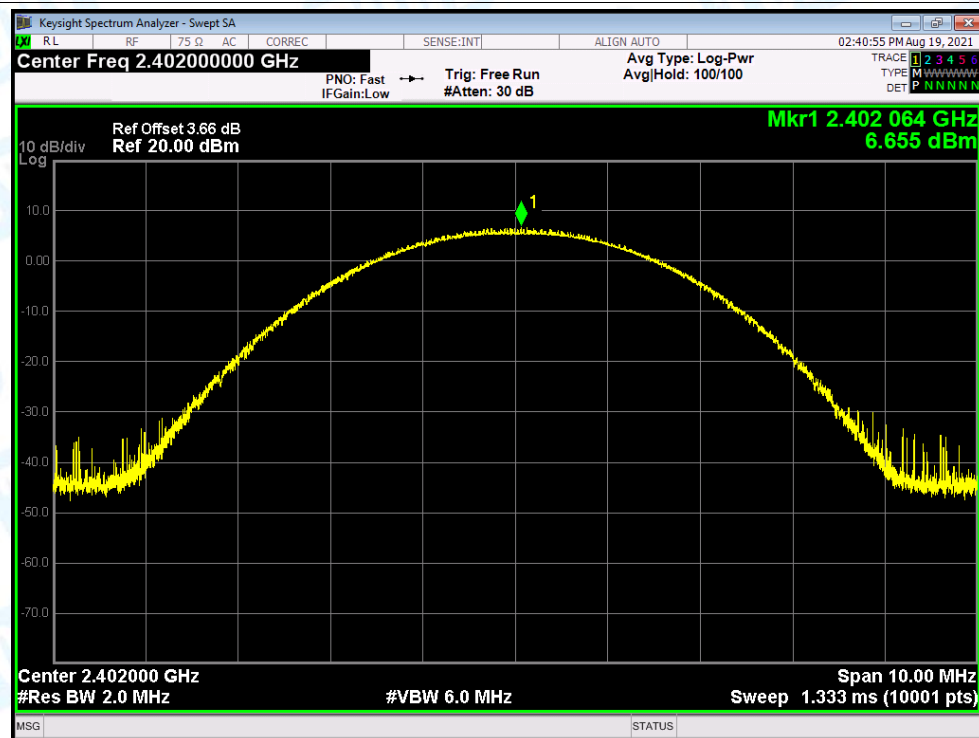
Power NVNT 2-DH1 2441MHz Ant1



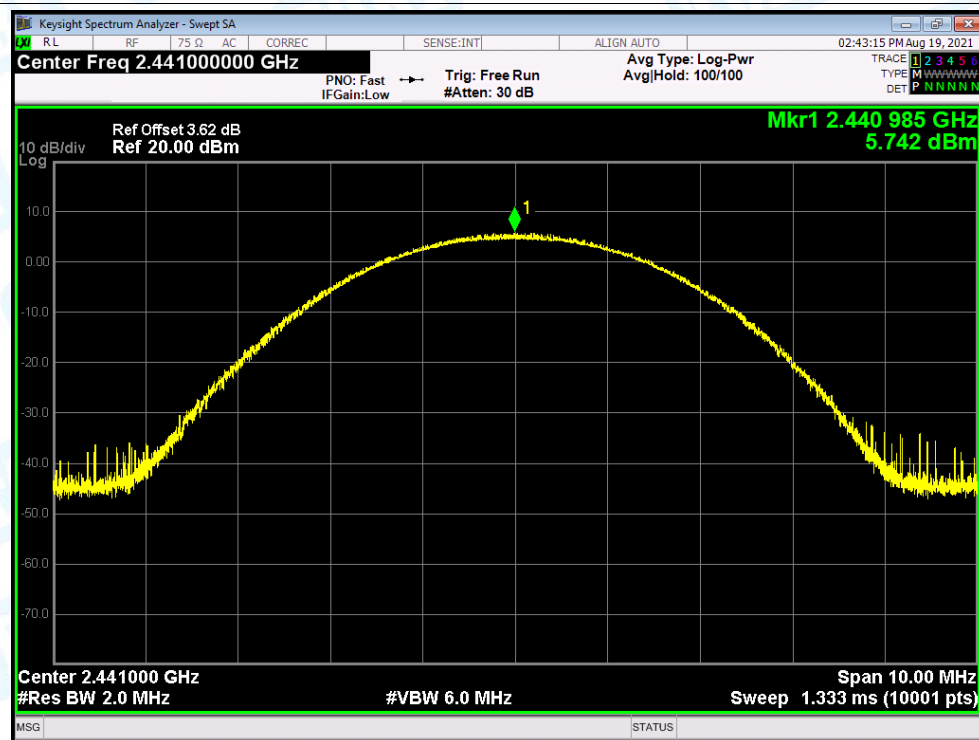
Power NVNT 2-DH1 2480MHz Ant1

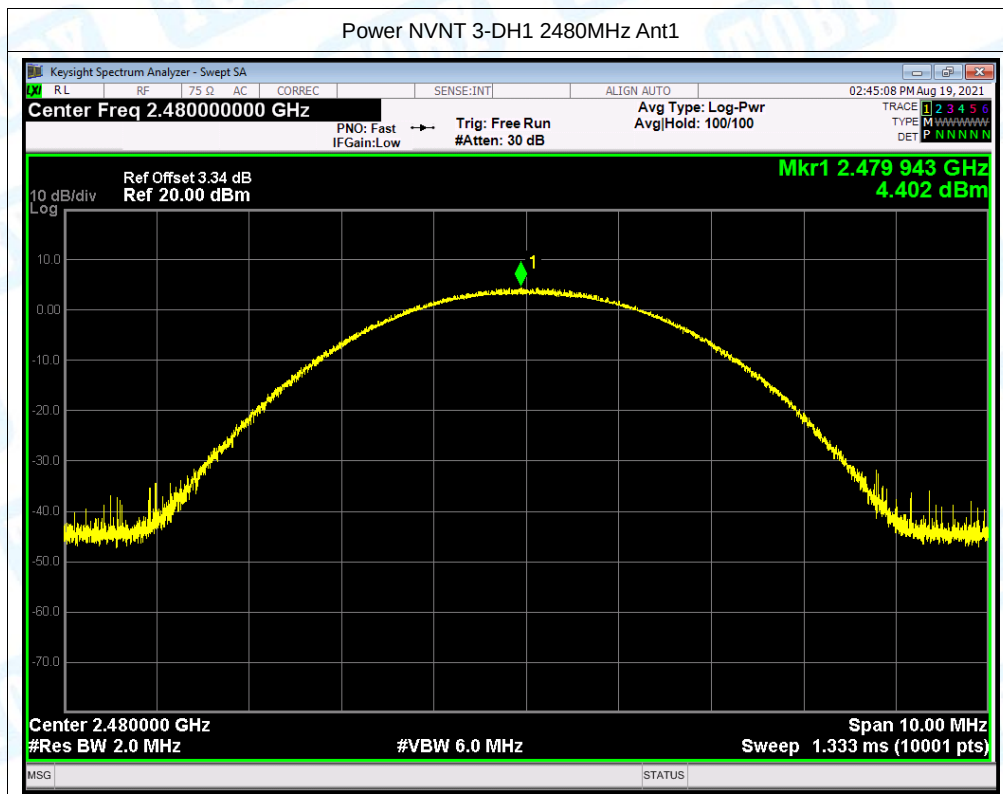


Power NVNT 3-DH1 2402MHz Ant1



Power NVNT 3-DH1 2441MHz Ant1



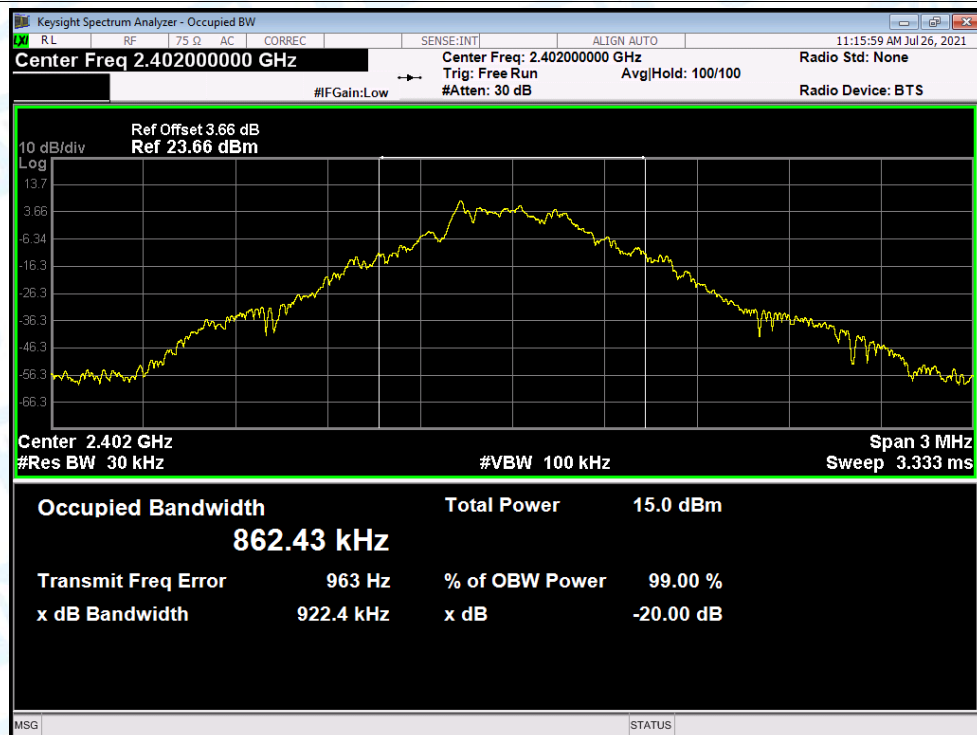


3.Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (KHz)	20dB Bandwidth (KHz)	20dB Bandwidth *2/3 (KHz)
NVNT	1-DH1	2402	Ant1	862.431	922.4	661.6
NVNT	1-DH1	2441	Ant1	882.750	776.3	517.53
NVNT	1-DH1	2480	Ant1	847.149	794.4	529.6
NVNT	2-DH1	2402	Ant1	1174.226	1257	838
NVNT	2-DH1	2441	Ant1	1178.615	1273	848.67
NVNT	2-DH1	2480	Ant1	1175.028	1256	837.33
NVNT	3-DH1	2402	Ant1	1162.443	1232	821.33
NVNT	3-DH1	2441	Ant1	1162.495	1265	843.33
NVNT	3-DH1	2480	Ant1	1169.172	1245	830

Test Graphs

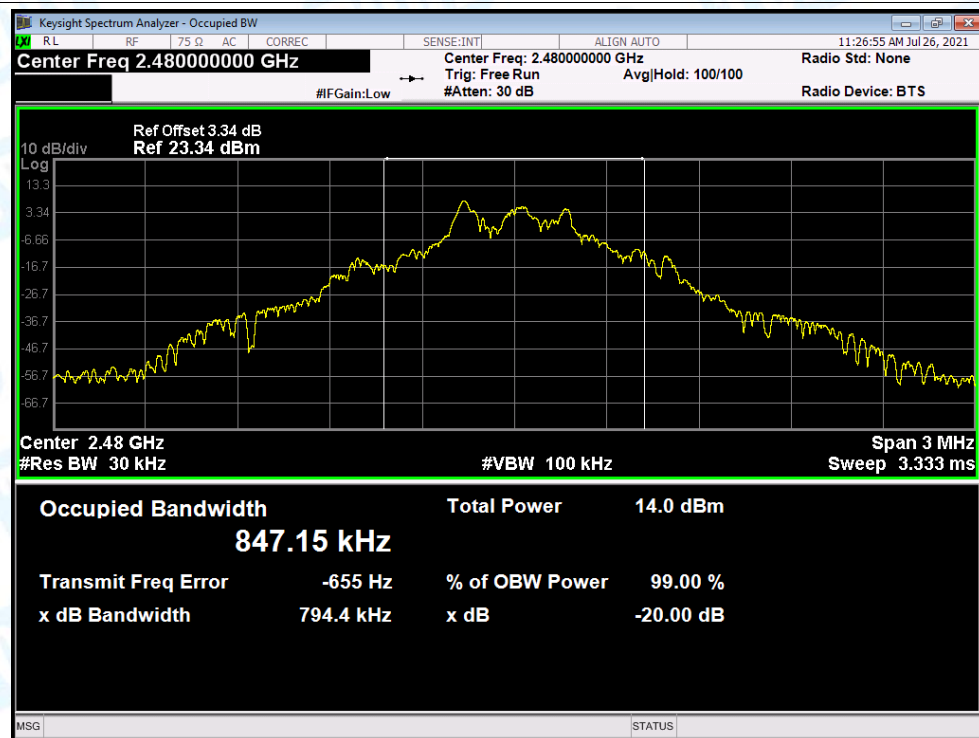
OBW NVNT 1-DH1 2402MHz Ant1



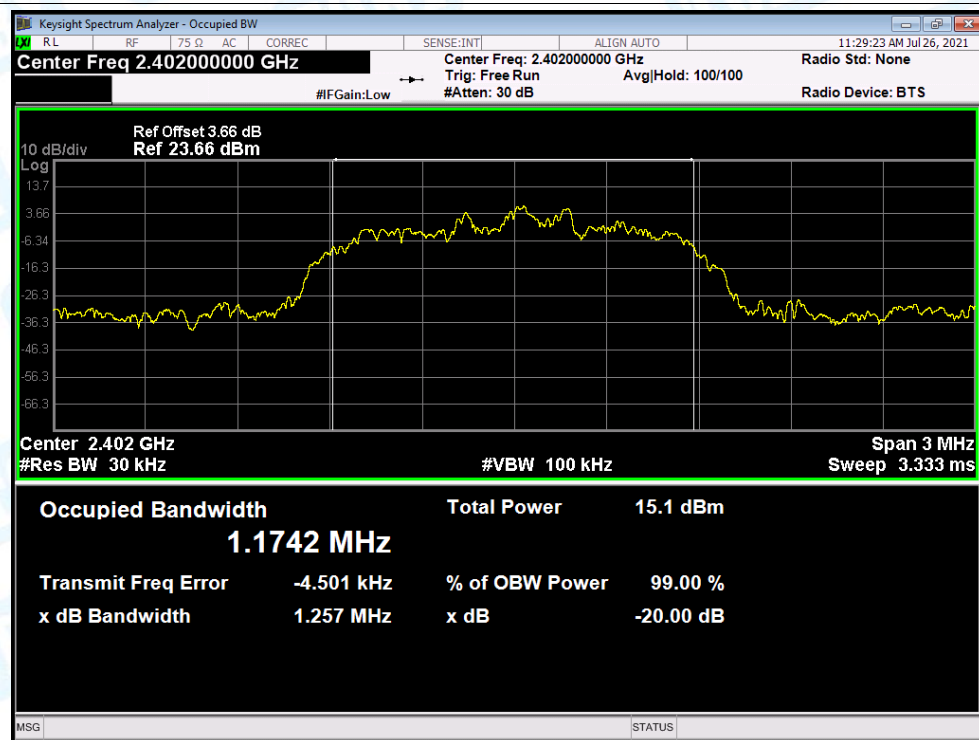
OBW NVNT 1-DH1 2441MHz Ant1



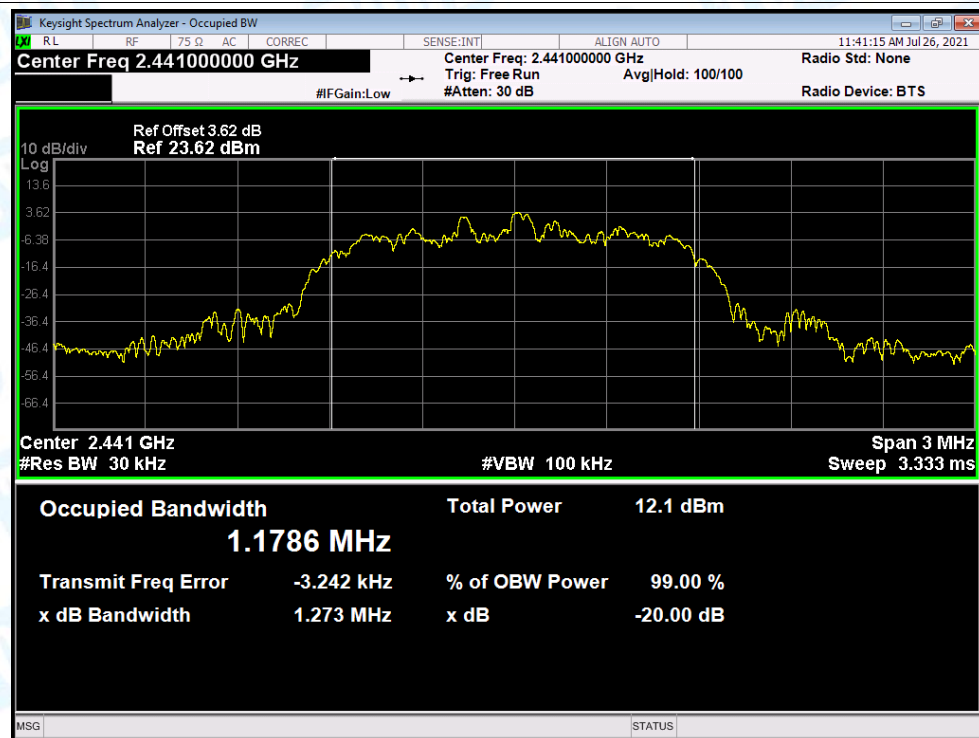
OBW NVNT 1-DH1 2480MHz Ant1



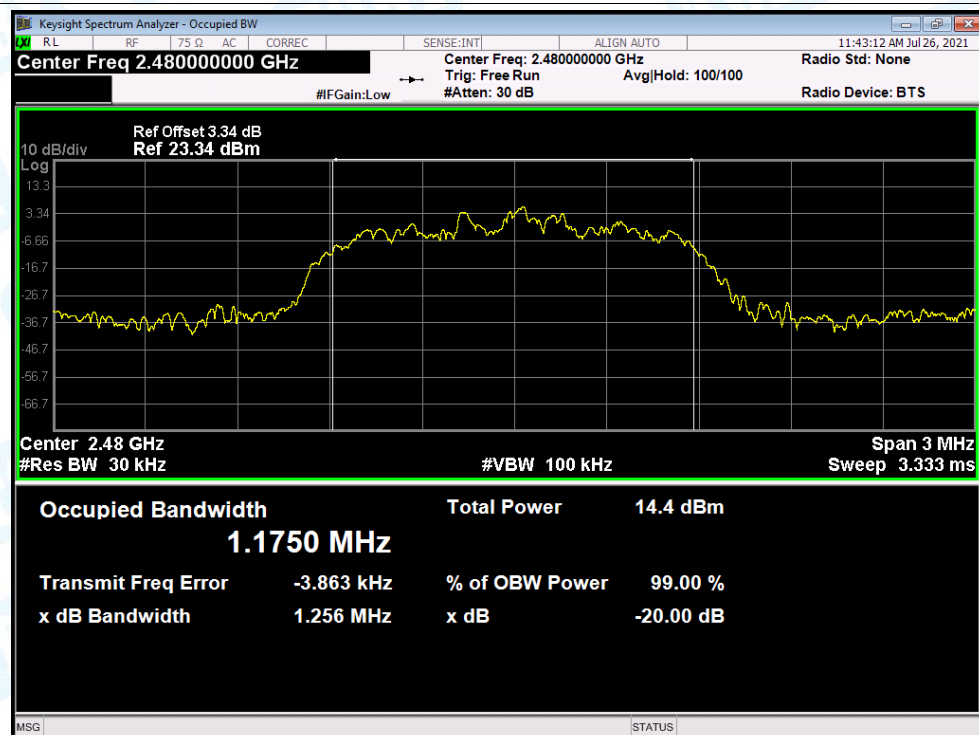
OBW NVNT 2-DH1 2402MHz Ant1



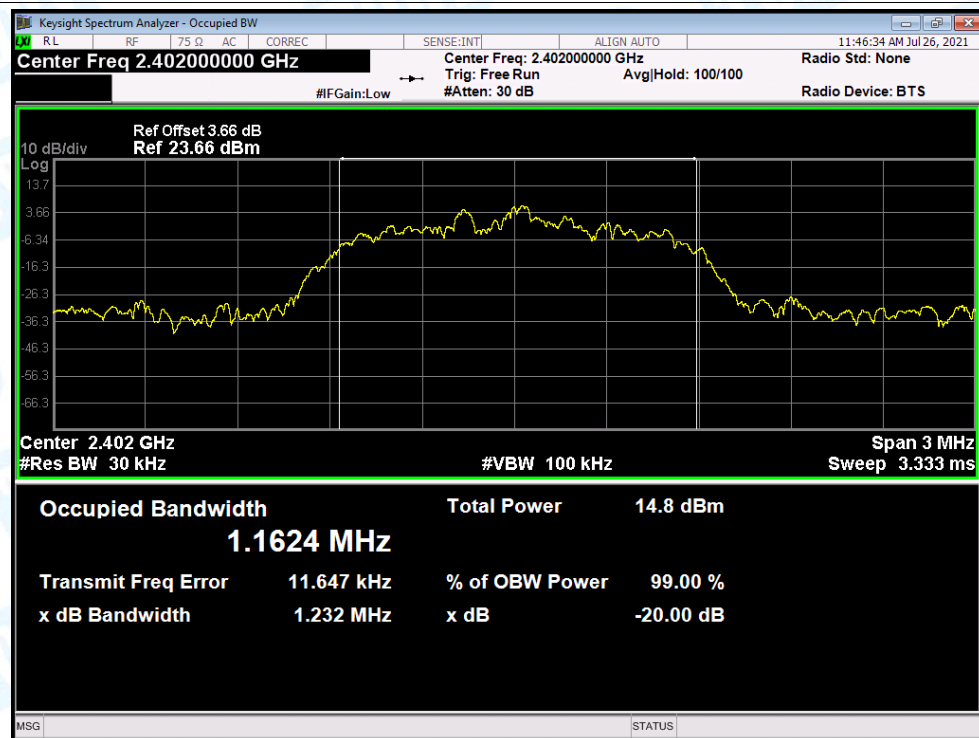
OBW NVNT 2-DH1 2441MHz Ant1



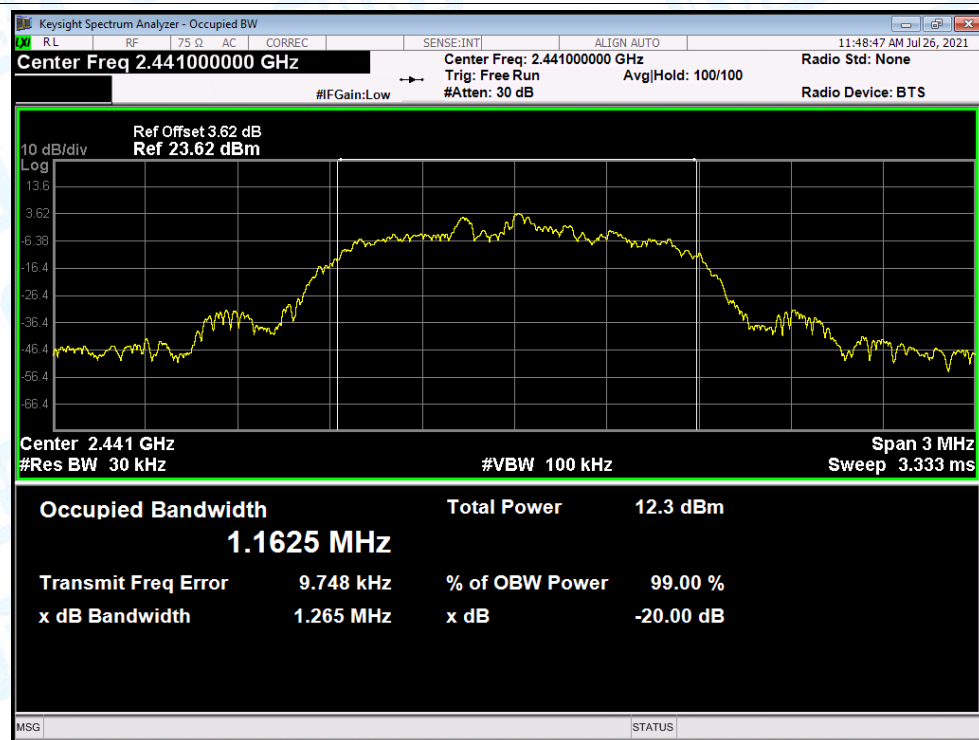
OBW NVNT 2-DH1 2480MHz Ant1

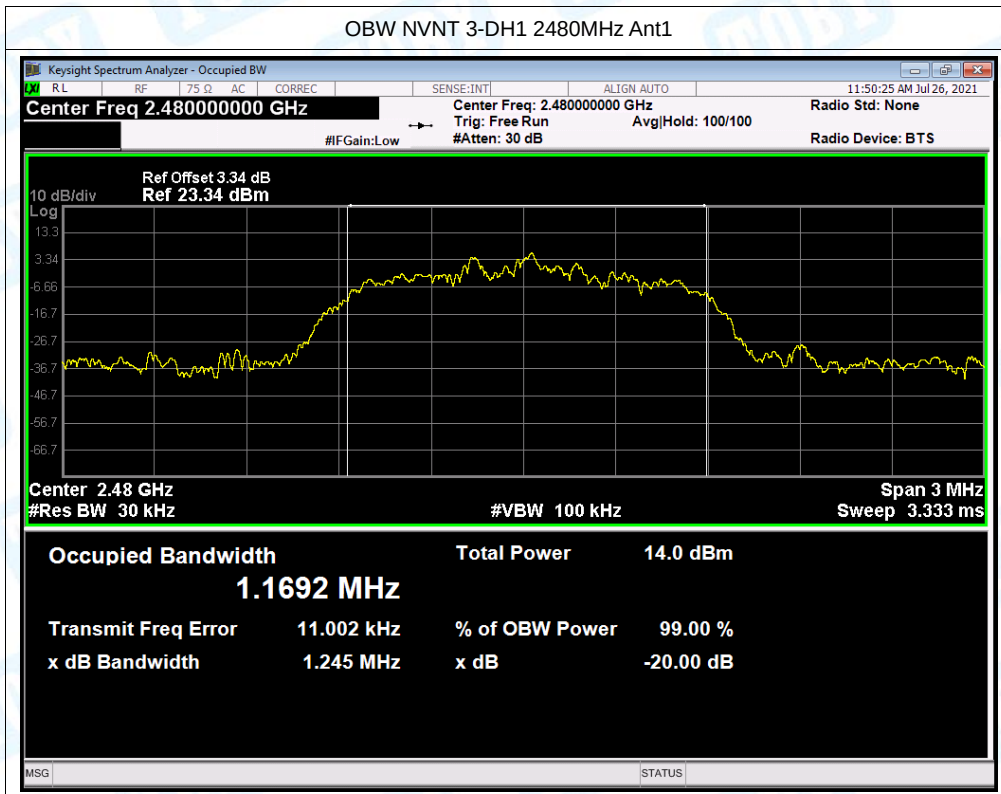


OBW NVNT 3-DH1 2402MHz Ant1



OBW NVNT 3-DH1 2441MHz Ant1



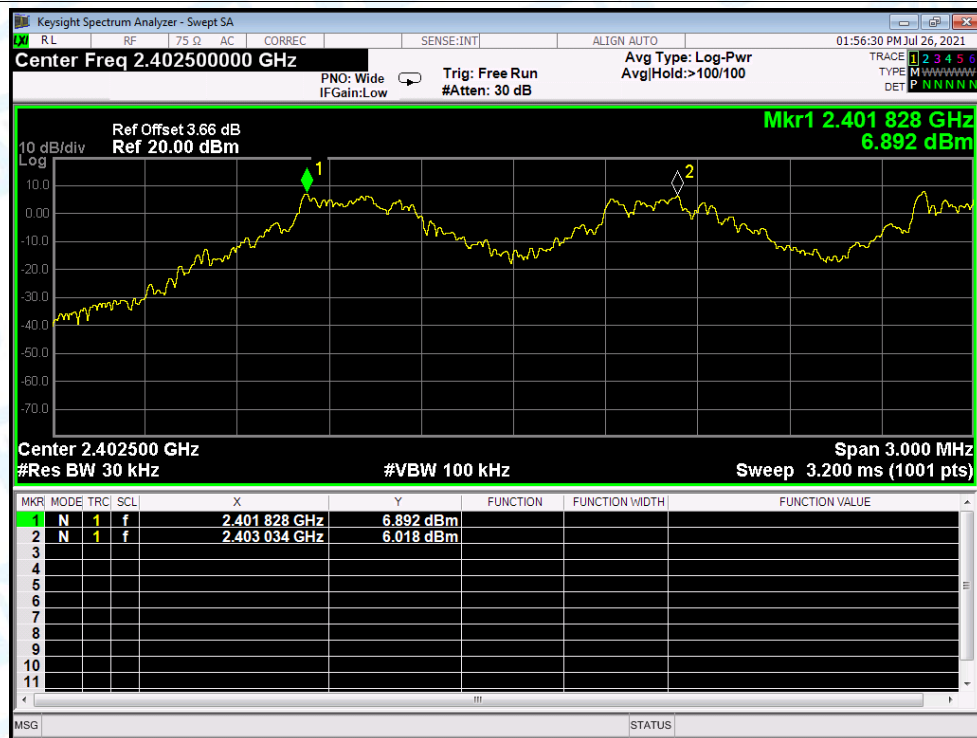


4.Carrier Frequencies Separation

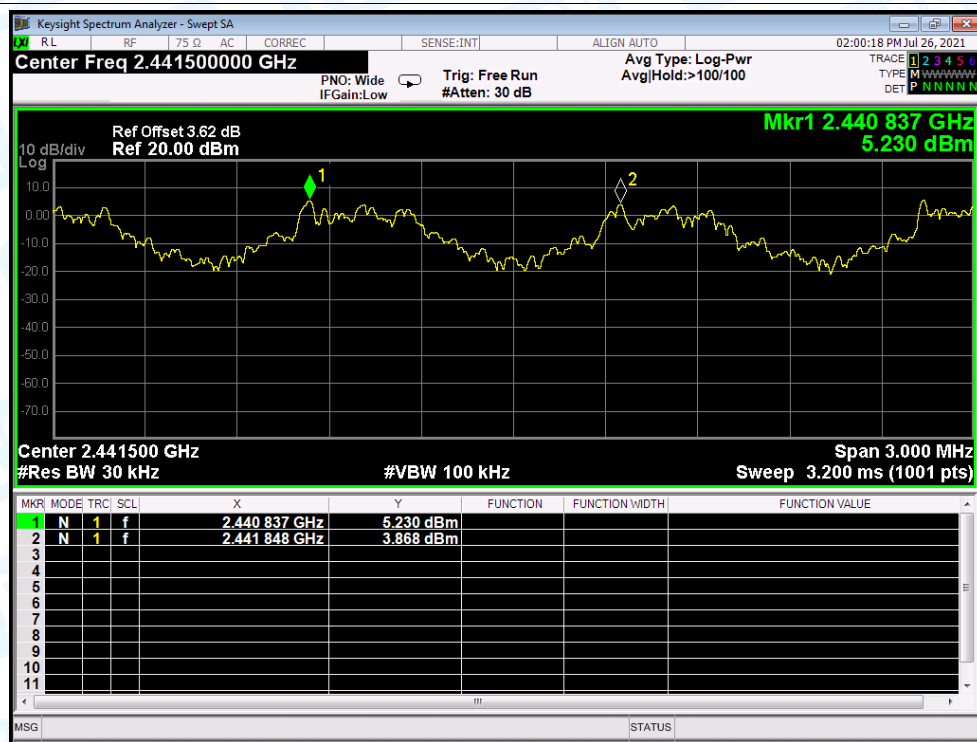
Condition	Mode	Antenna	Hopping Freq1 (MHz)	Hopping Freq2 (MHz)	HFS (MHz)	Limit (MHz)	Verdict
NVNT	1-DH1	Ant1	2401.828	2403.034	1.206	0.6616	Pass
NVNT	1-DH1	Ant1	2440.837	2441.848	1.011	0.51753	Pass
NVNT	1-DH1	Ant1	2478.831	2479.833	1.002	0.5296	Pass
NVNT	2-DH1	Ant1	2402.029	2403.037	1.008	0.838	Pass
NVNT	2-DH1	Ant1	2440.834	2441.842	1.008	0.84867	Pass
NVNT	2-DH1	Ant1	2478.831	2480.028	1.197	0.83733	Pass
NVNT	3-DH1	Ant1	2401.825	2402.824	0.999	0.82133	Pass
NVNT	3-DH1	Ant1	2440.846	2441.839	0.993	0.84333	Pass
NVNT	3-DH1	Ant1	2478.84	2479.998	1.158	0.830	Pass

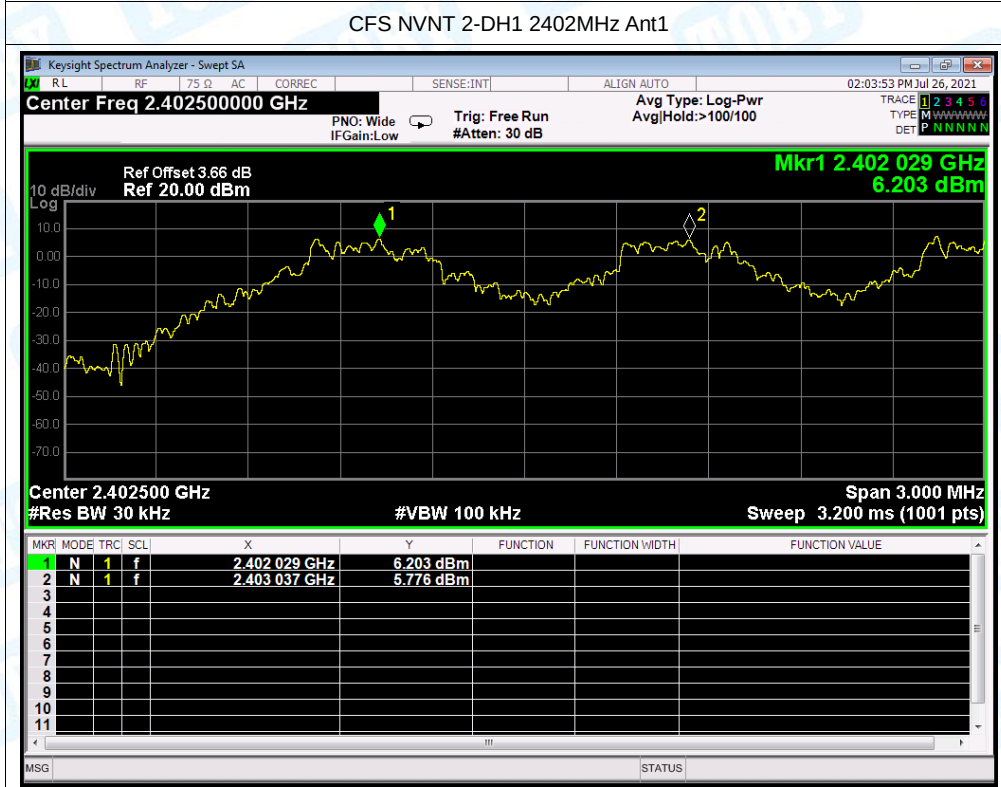
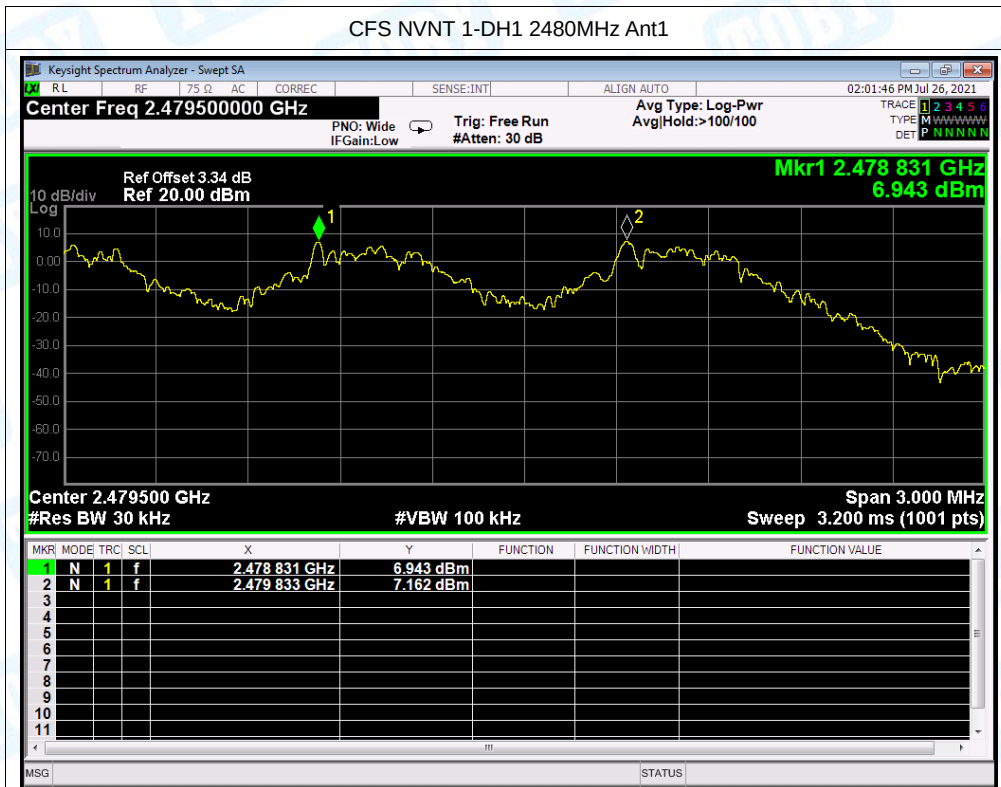
Test Graphs

CFS NVNT 1-DH1 2402MHz Ant1



CFS NVNT 1-DH1 2441MHz Ant1





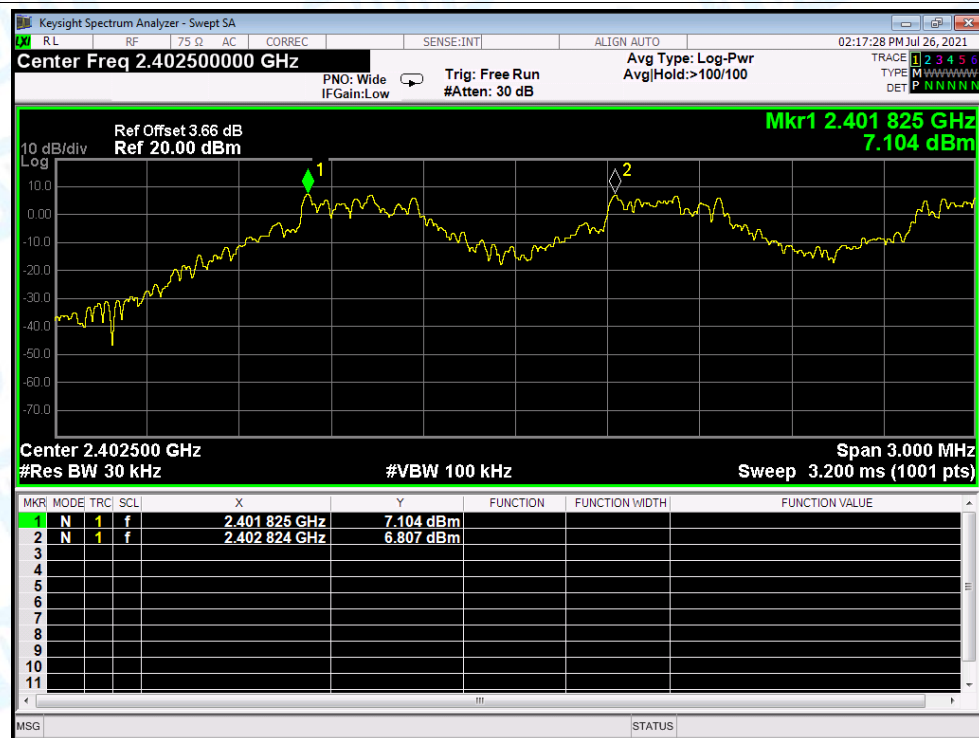
CFS NVNT 2-DH1 2441MHz Ant1



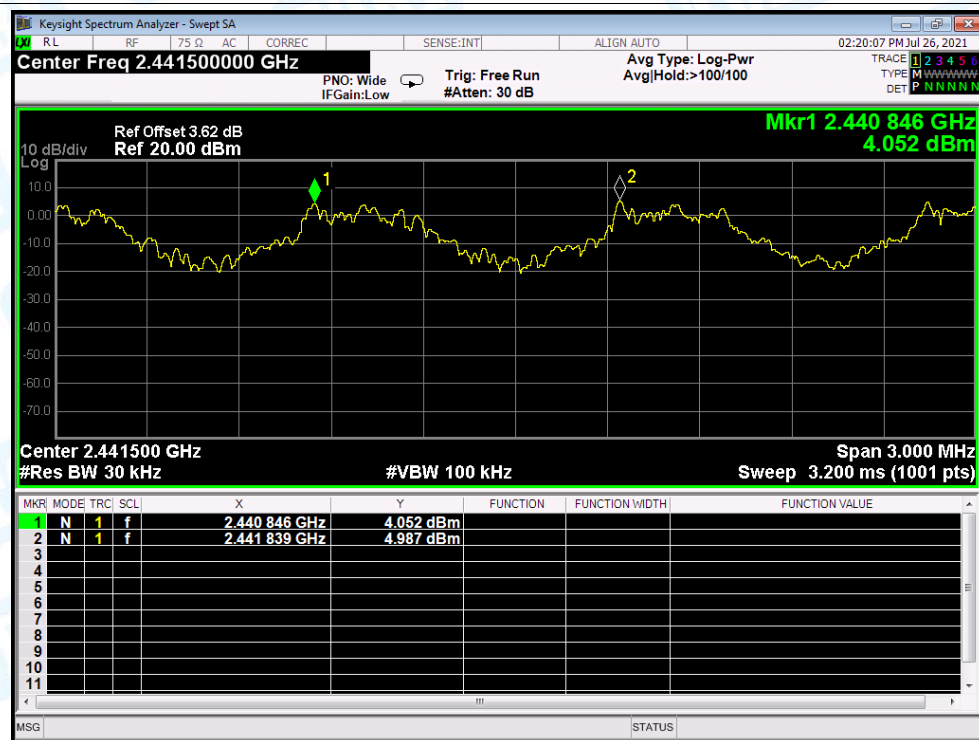
CFS NVNT 2-DH1 2480MHz Ant1

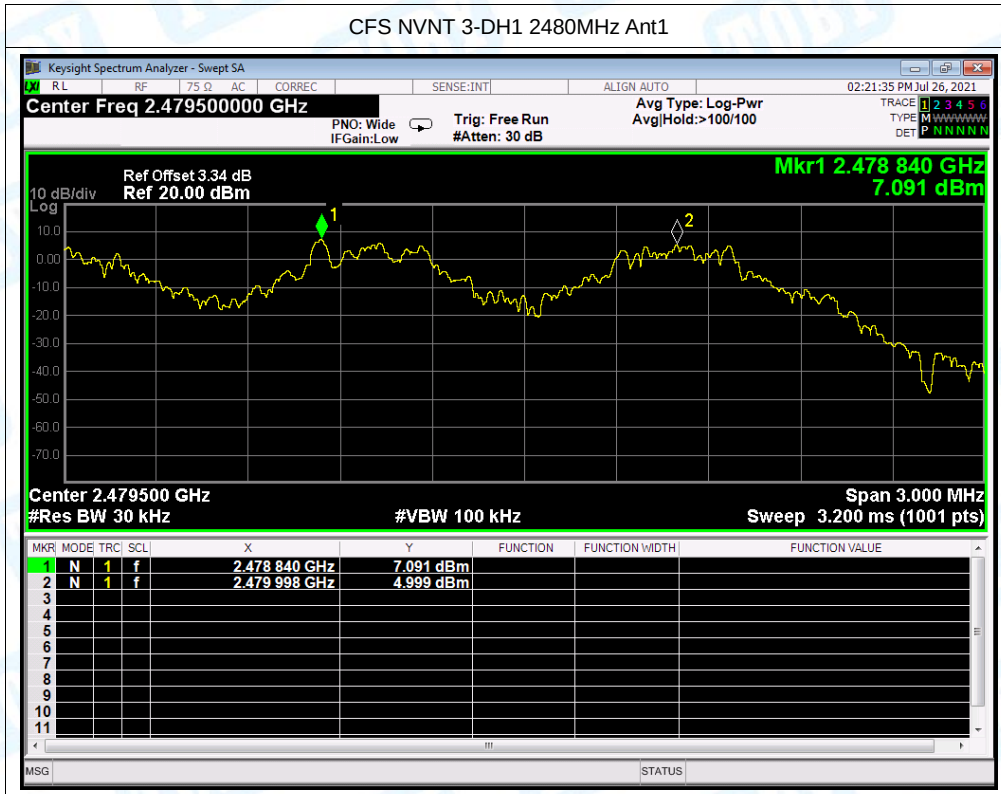


CFS NVNT 3-DH1 2402MHz Ant1



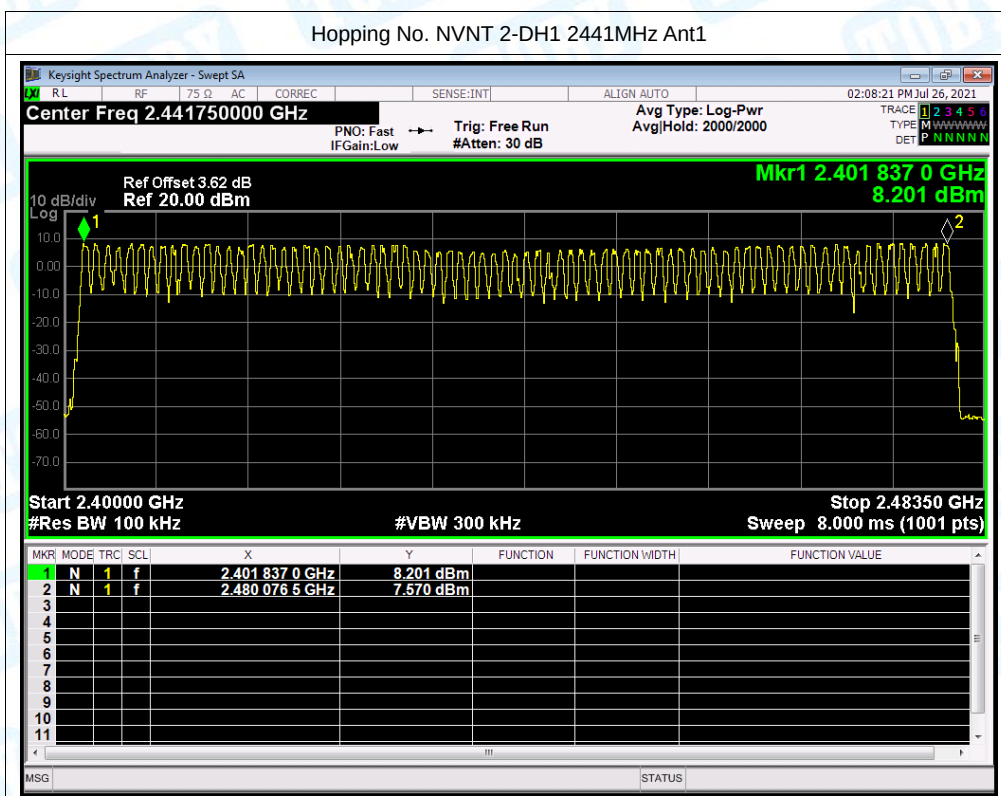
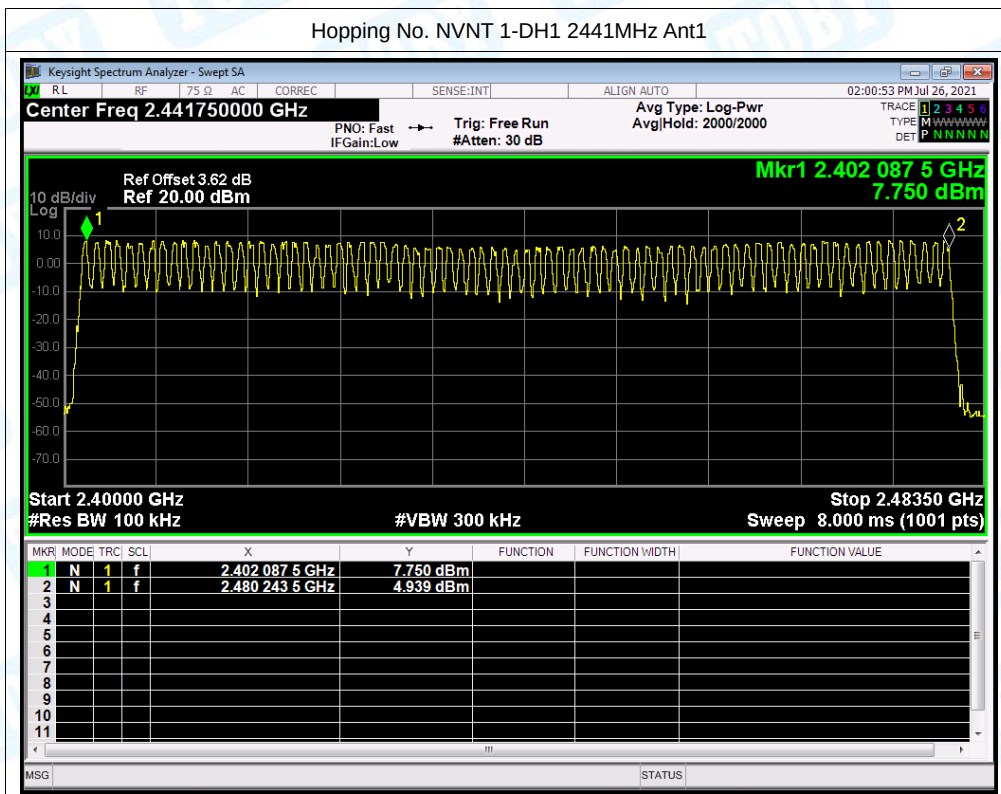
CFS NVNT 3-DH1 2441MHz Ant1

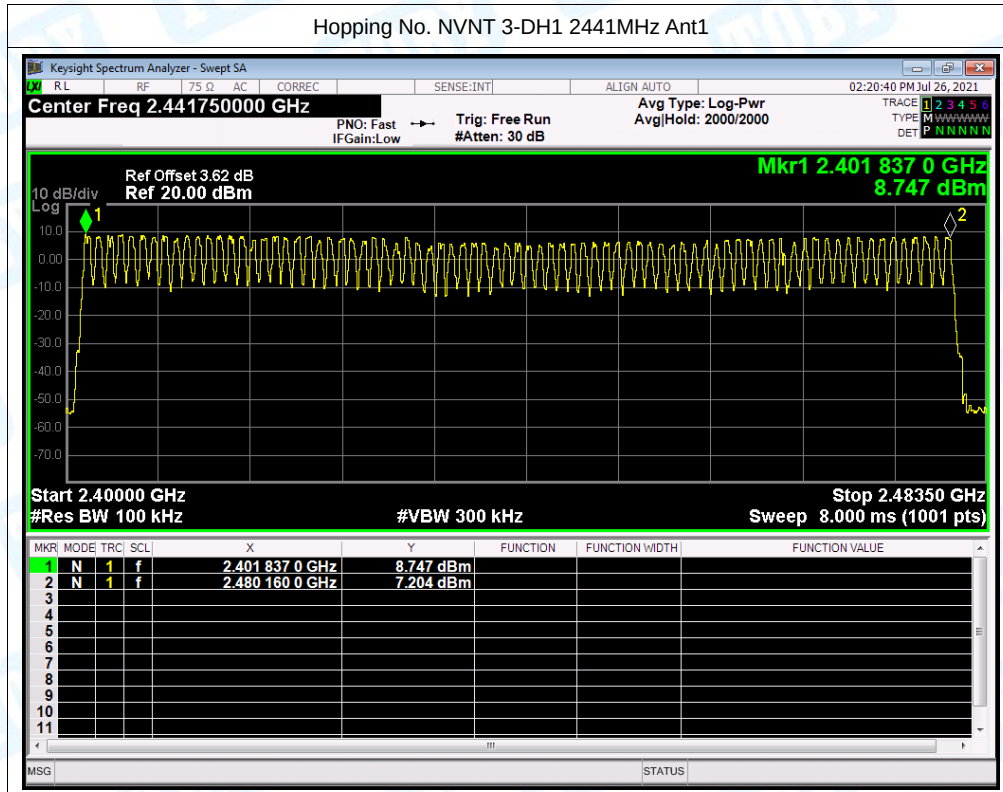




5.Number of Hopping Channel

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



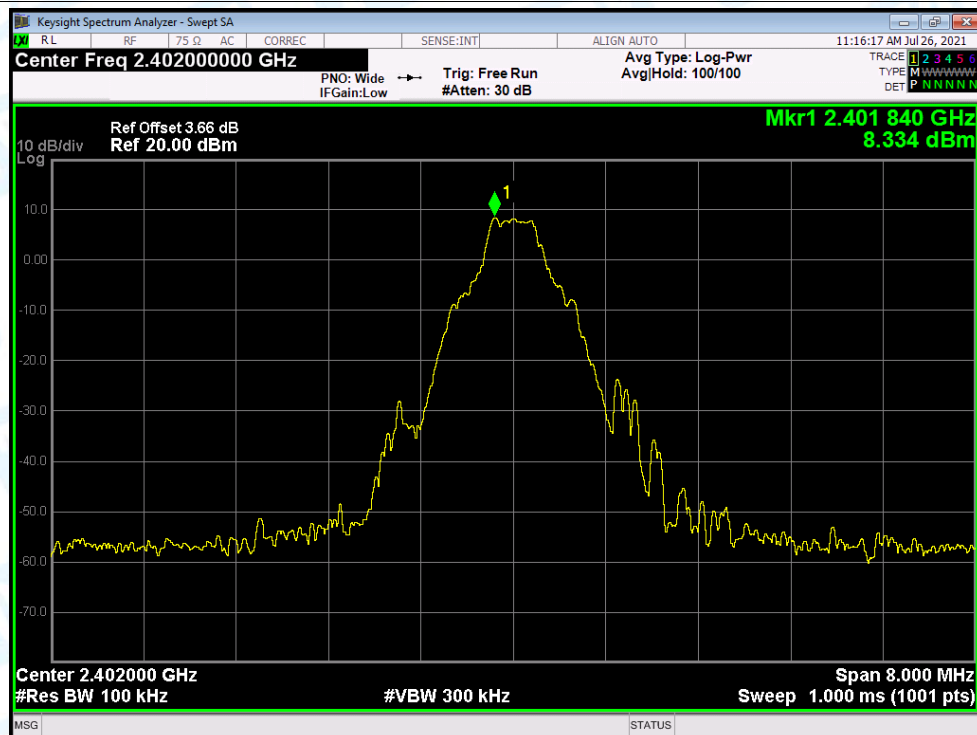


6.Band Edge

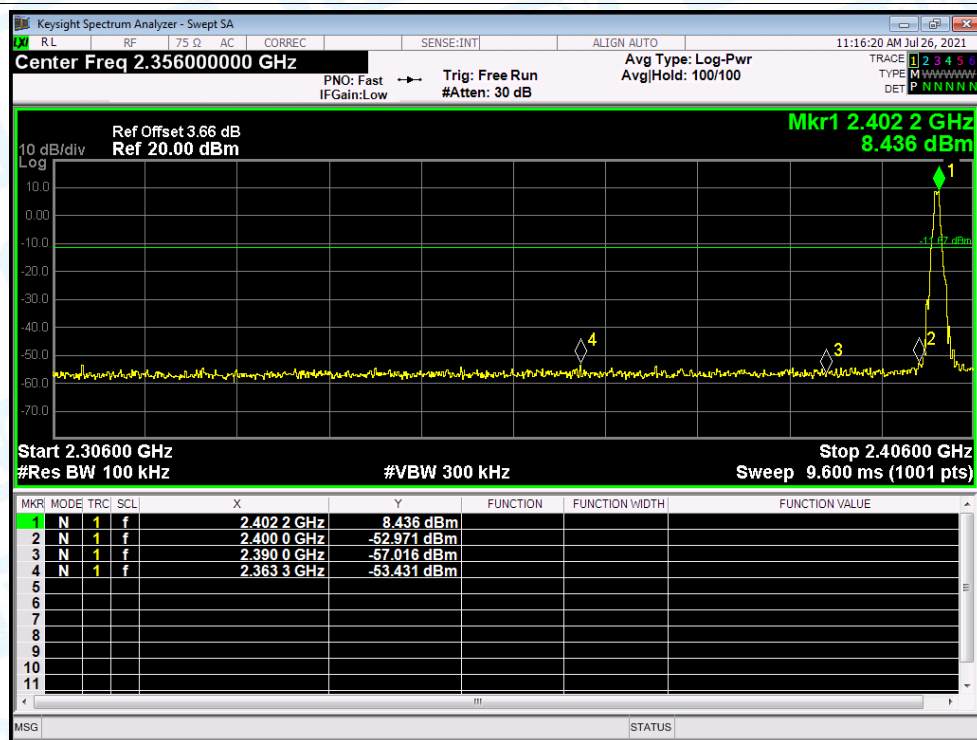
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH1	2402	Ant1	No-Hopping	-61.76	-20	Pass
NVNT	1-DH1	2480	Ant1	No-Hopping	-61.34	-20	Pass
NVNT	2-DH1	2402	Ant1	No-Hopping	-61.95	-20	Pass
NVNT	2-DH1	2480	Ant1	No-Hopping	-60.42	-20	Pass
NVNT	3-DH1	2402	Ant1	No-Hopping	-57.75	-20	Pass
NVNT	3-DH1	2480	Ant1	No-Hopping	-58.81	-20	Pass

Test Graphs

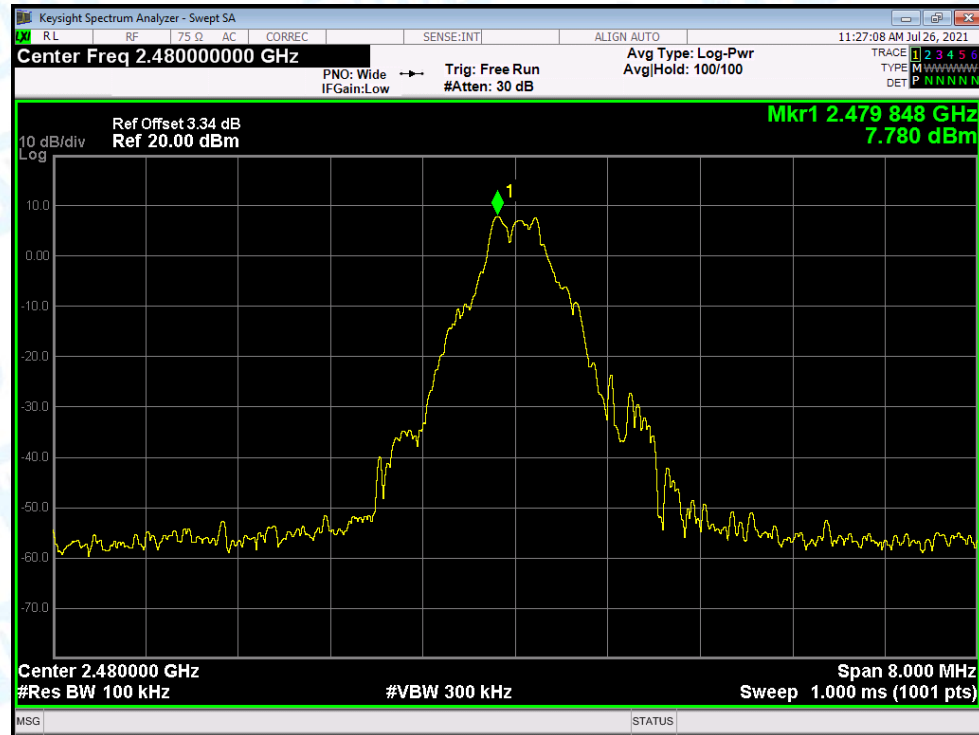
Band Edge NVNT 1-DH1 2402MHz Ant1 No-Hopping Ref



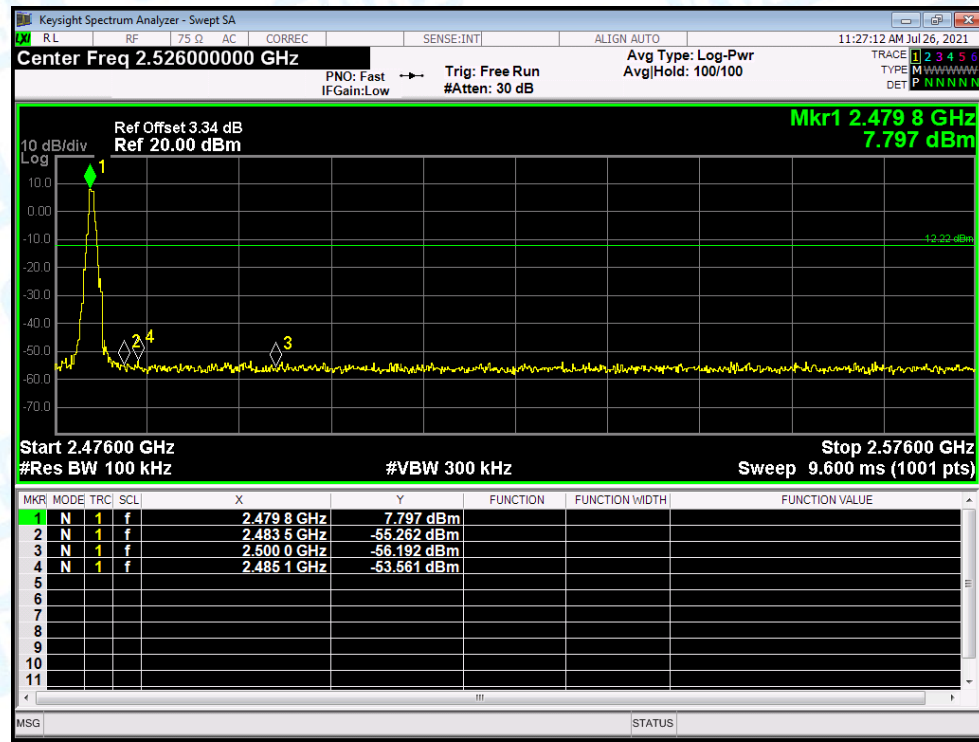
Band Edge NVNT 1-DH1 2402MHz Ant1 No-Hopping Emission



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



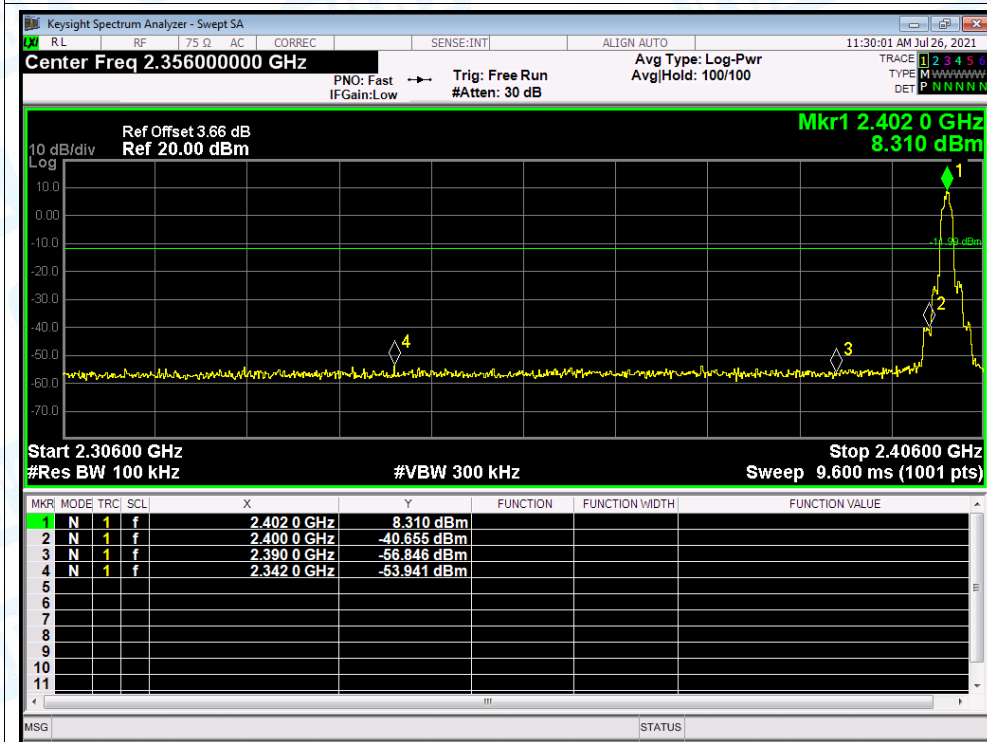
Band Edge NVNT 1-DH1 2480MHz Ant1 No-Hopping Emission



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



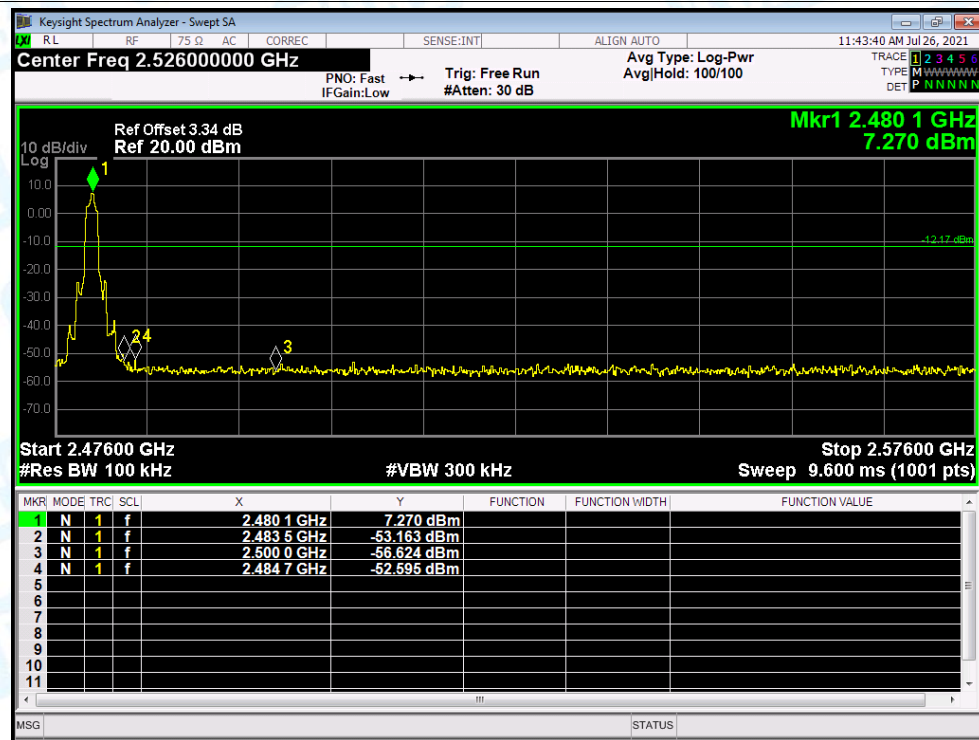
Band Edge NVNT 2-DH1 2402MHz Ant1 No-Hopping Emission



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



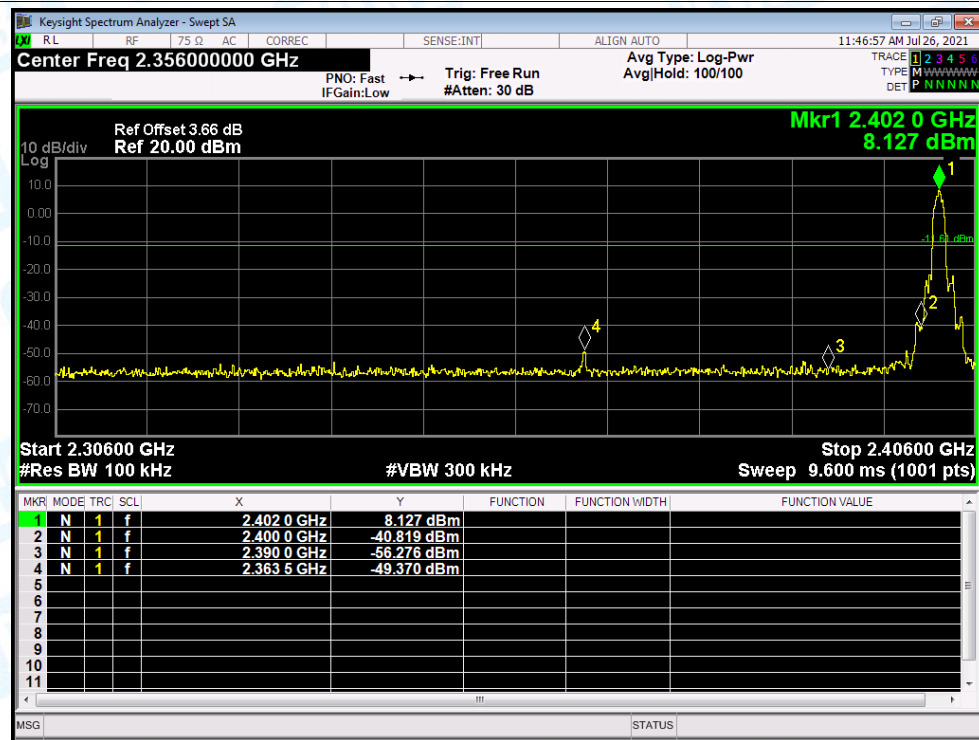
Band Edge NVNT 2-DH1 2480MHz Ant1 No-Hopping Emission



Band Edge NVNT 3-DH1 2402MHz Ant1 No-Hopping Ref



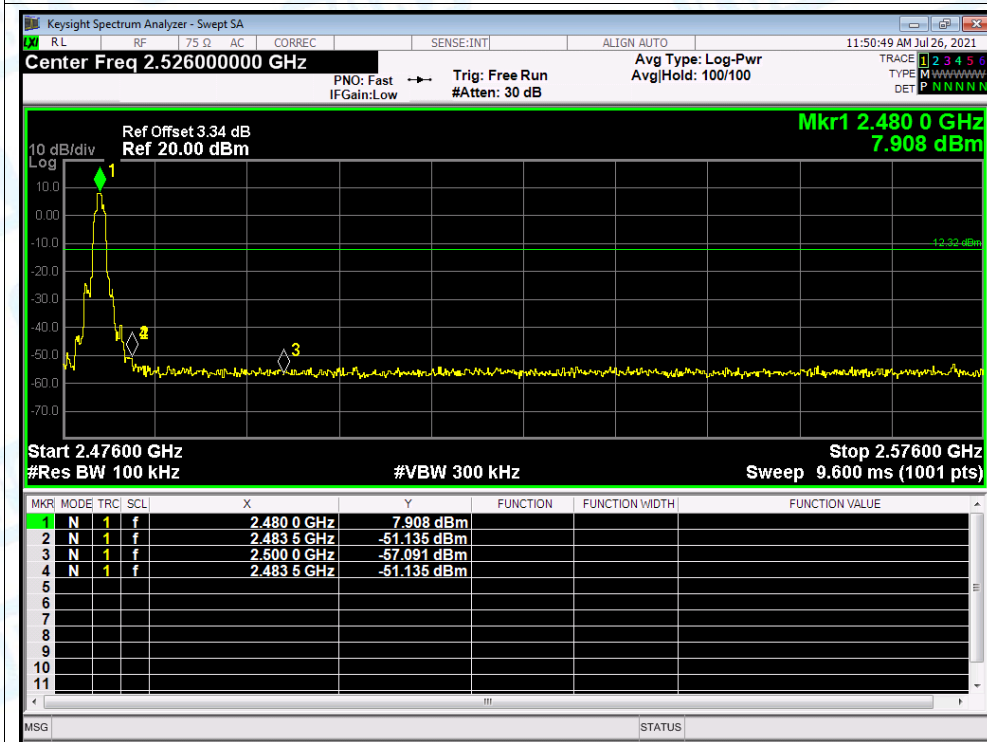
Band Edge NVNT 3-DH1 2402MHz Ant1 No-Hopping Emission



Band Edge NVNT 3-DH1 2480MHz Ant1 No-Hopping Ref

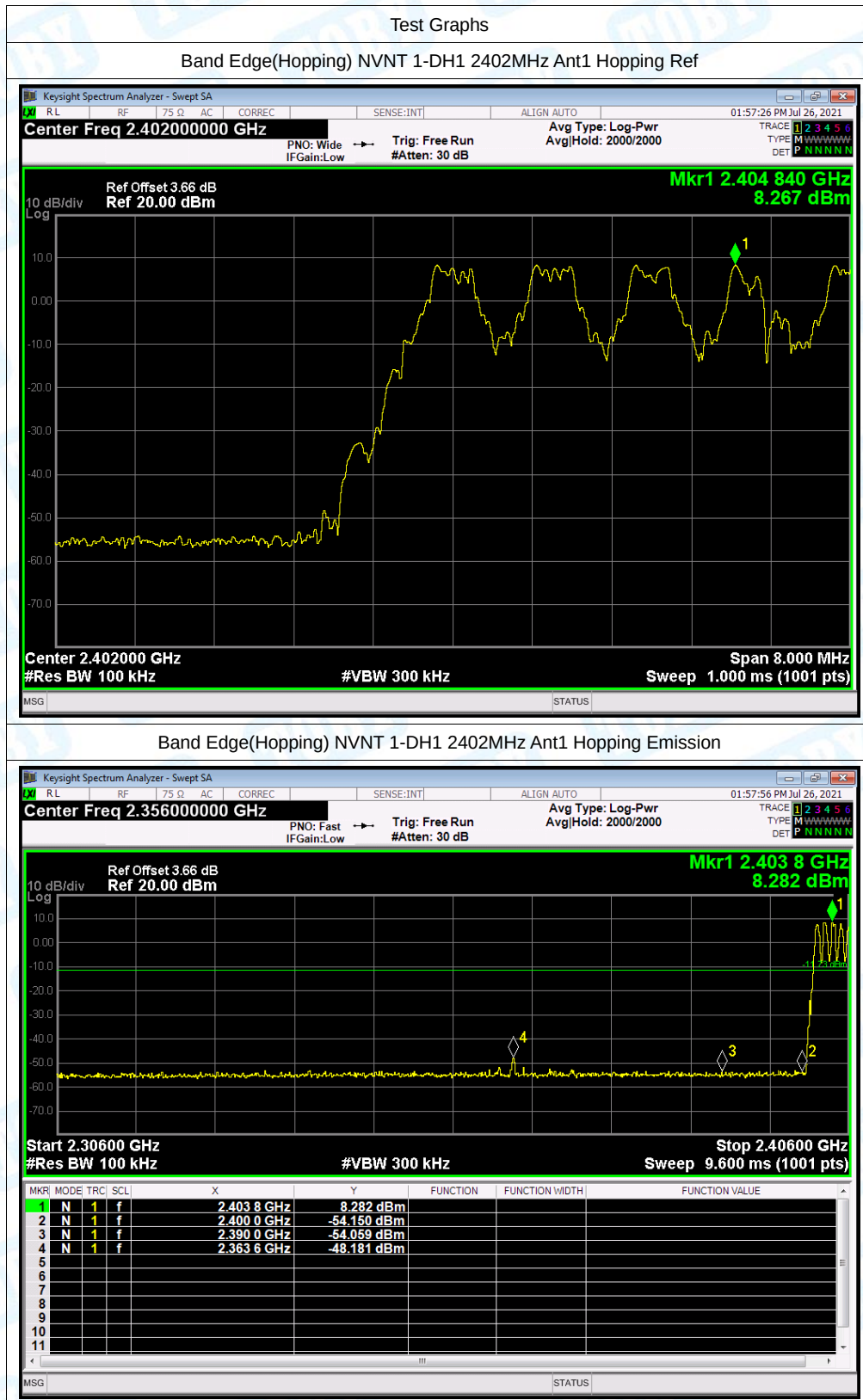


Band Edge NVNT 3-DH1 2480MHz Ant1 No-Hopping Emission



7.Band Edge(Hopping)

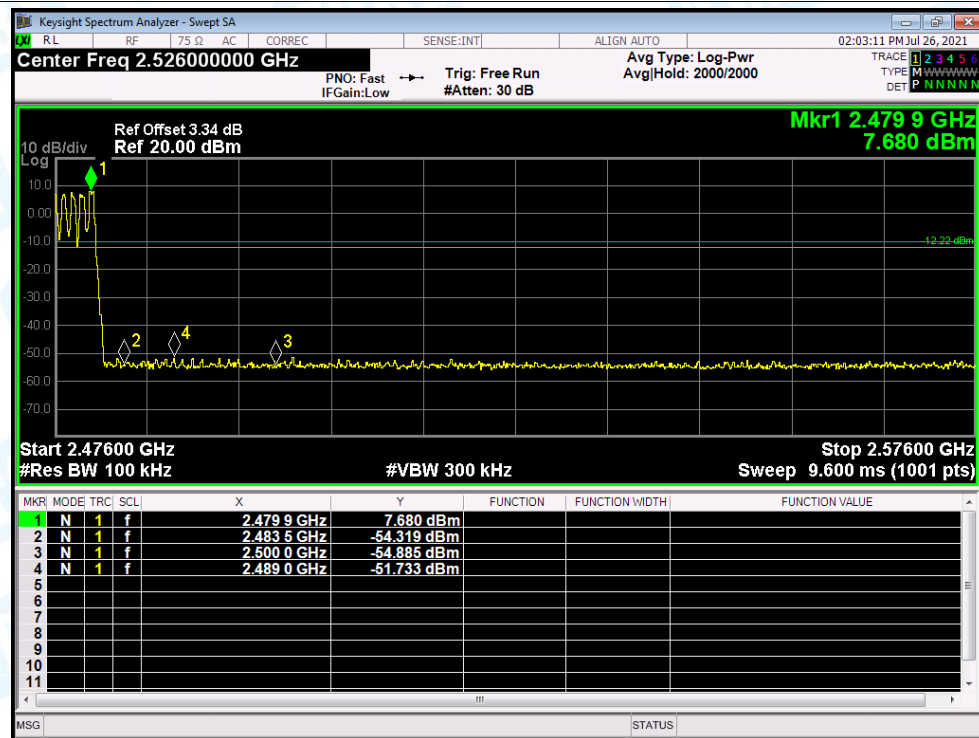
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH1	2402	Ant1	Hopping	-56.45	-20	Pass
NVNT	1-DH1	2480	Ant1	Hopping	-59.51	-20	Pass
NVNT	2-DH1	2402	Ant1	Hopping	-38.17	-20	Pass
NVNT	2-DH1	2480	Ant1	Hopping	-57.76	-20	Pass
NVNT	3-DH1	2402	Ant1	Hopping	-42.1	-20	Pass
NVNT	3-DH1	2480	Ant1	Hopping	-59.16	-20	Pass



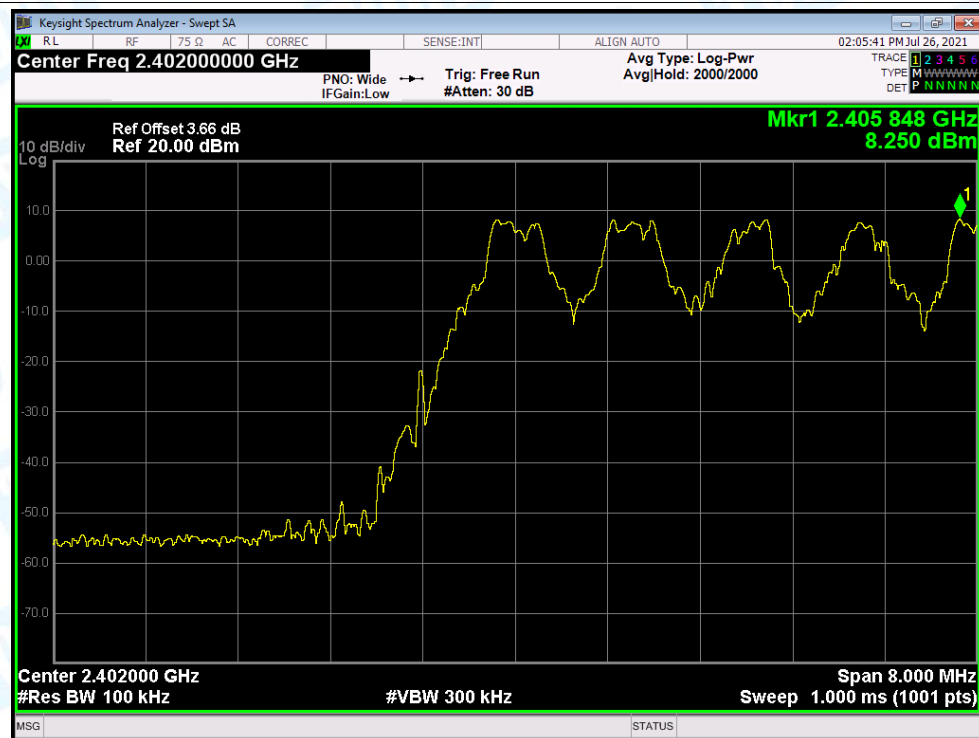
Band Edge(Hopping) NVNT 1-DH1 2480MHz Ant1 Hopping Ref



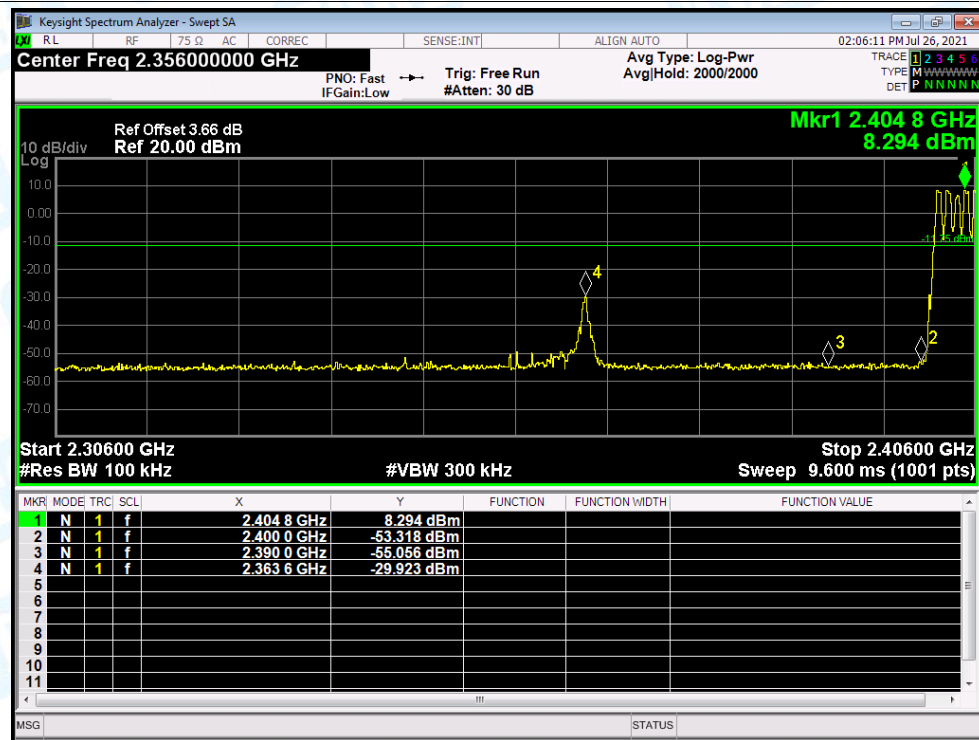
Band Edge(Hopping) NVNT 1-DH1 2480MHz Ant1 Hopping Emission



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



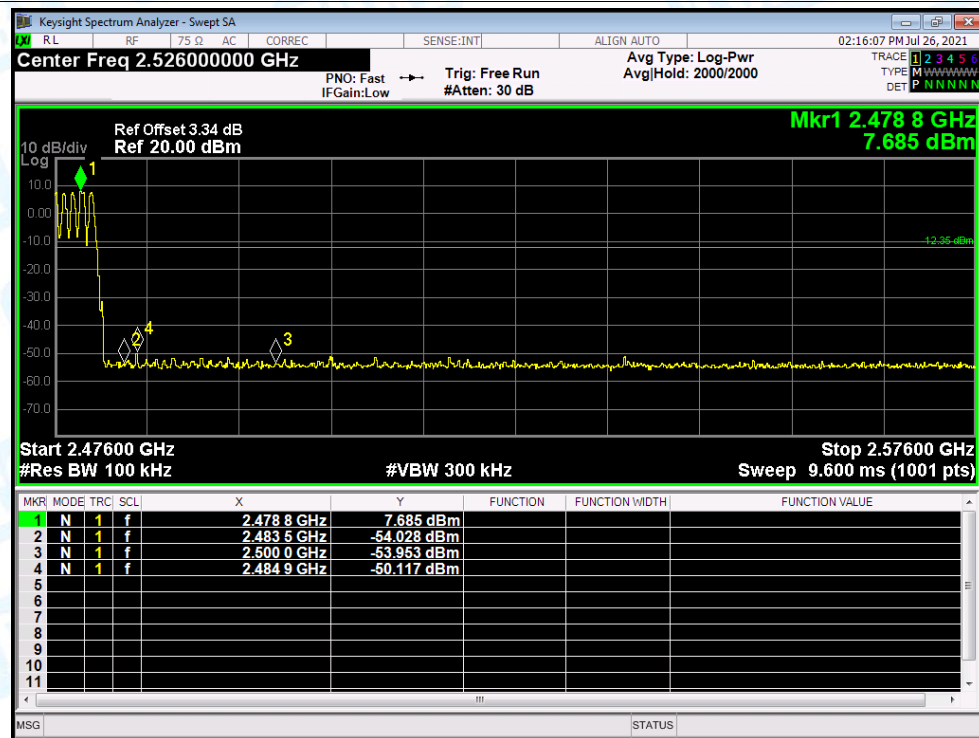
Band Edge(Hopping) NVNT 2-DH1 2402MHz Ant1 Hopping Emission



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



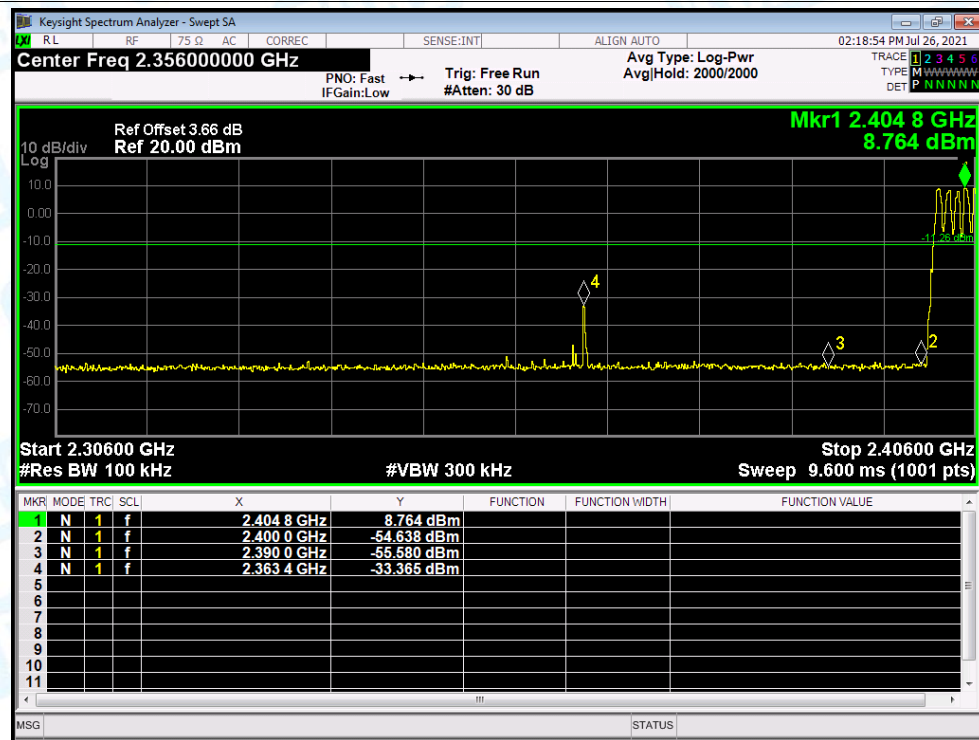
Band Edge(Hopping) NVNT 2-DH1 2480MHz Ant1 Hopping Emission



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



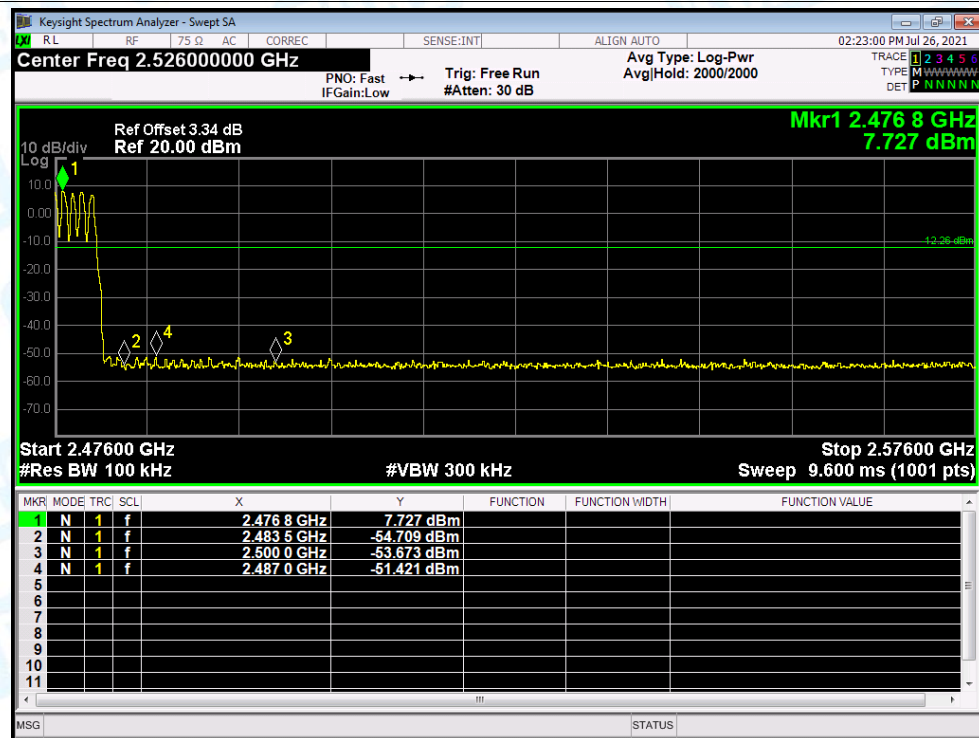
Band Edge(Hopping) NVNT 3-DH1 2402MHz Ant1 Hopping Emission



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

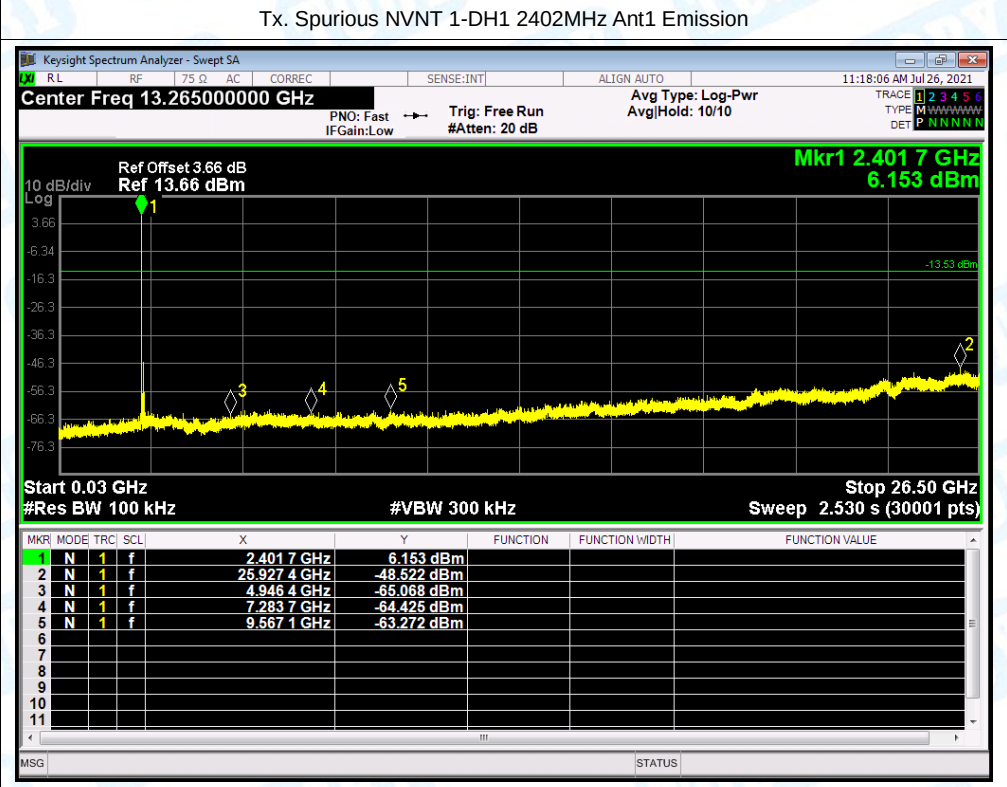
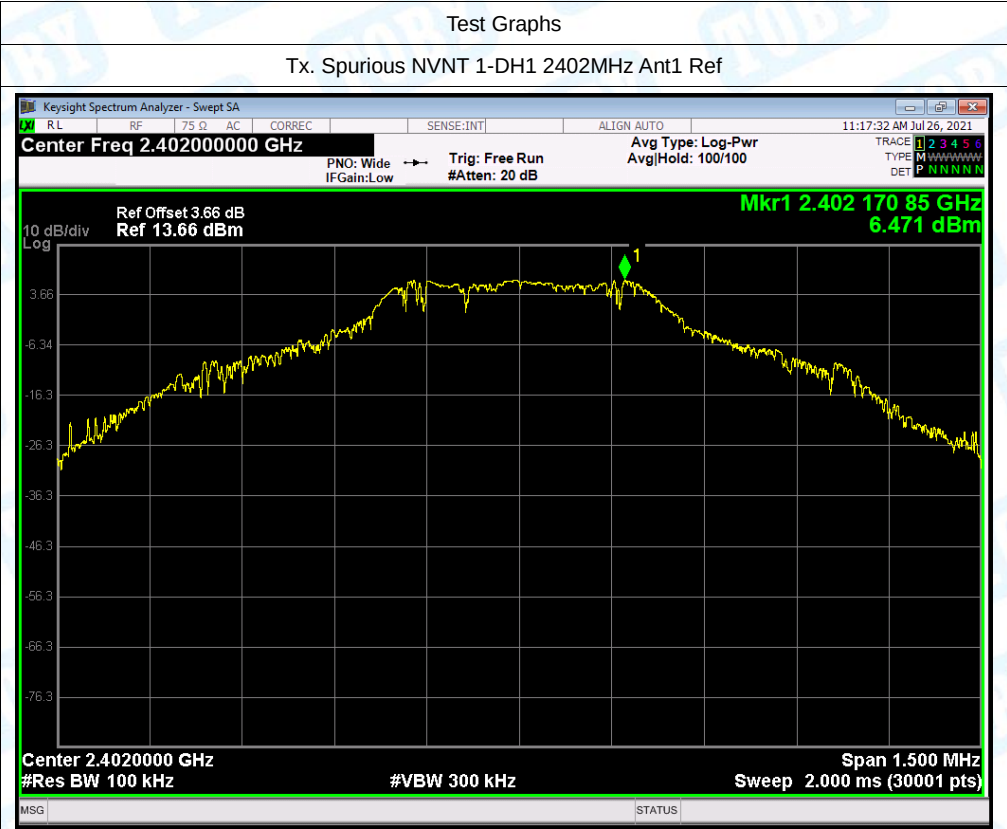


Band Edge(Hopping) NVNT 3-DH1 2480MHz Ant1 Hopping Emission



8. Conducted RF Spurious Emission

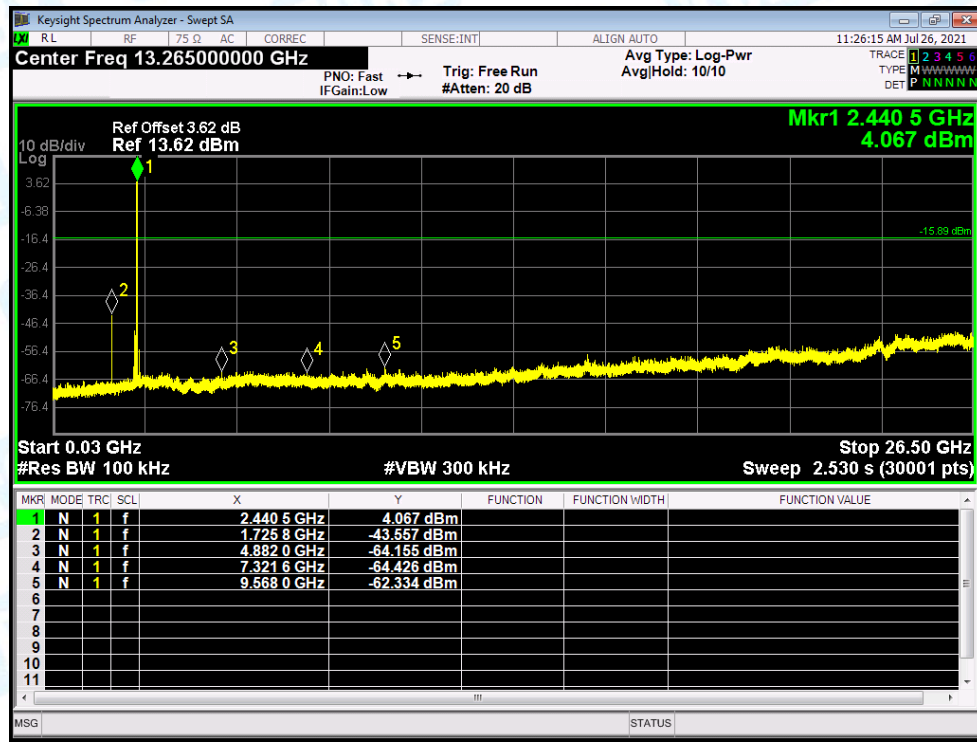
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH1	2402	Ant1	-54.99	-20	Pass
NVNT	1-DH1	2441	Ant1	-47.66	-20	Pass
NVNT	1-DH1	2480	Ant1	-55.66	-20	Pass
NVNT	2-DH1	2402	Ant1	-55.54	-20	Pass
NVNT	2-DH1	2441	Ant1	-53.55	-20	Pass
NVNT	2-DH1	2480	Ant1	-55.92	-20	Pass
NVNT	3-DH1	2402	Ant1	-55.81	-20	Pass
NVNT	3-DH1	2441	Ant1	-53.46	-20	Pass
NVNT	3-DH1	2480	Ant1	-55.55	-20	Pass

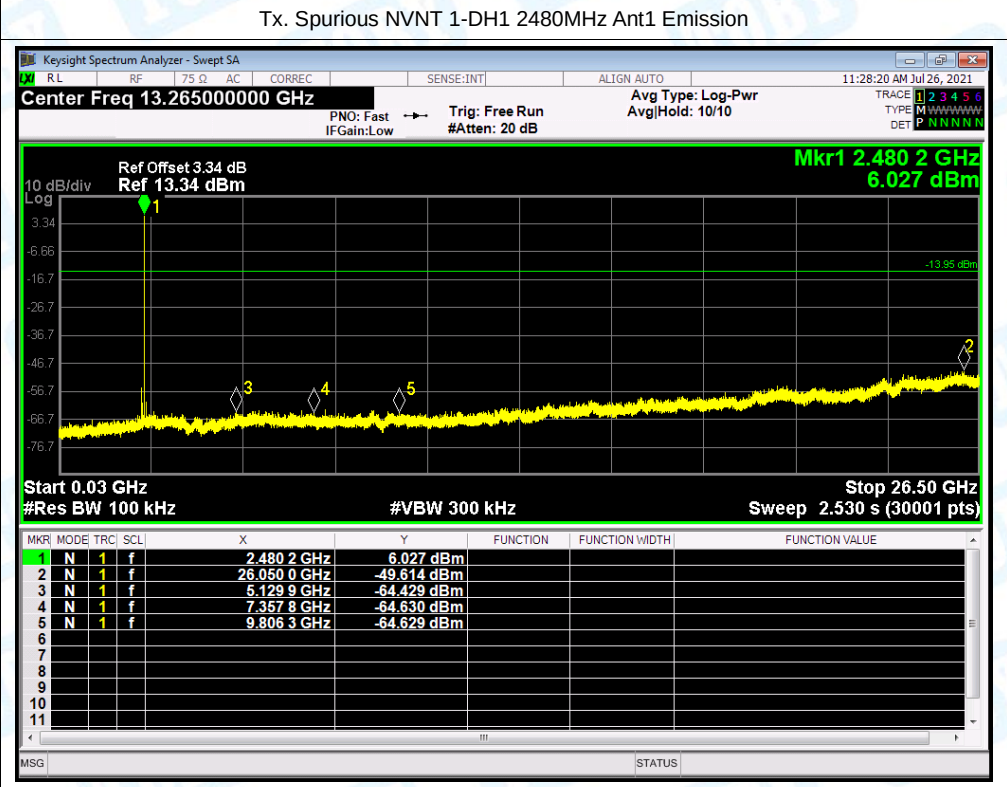
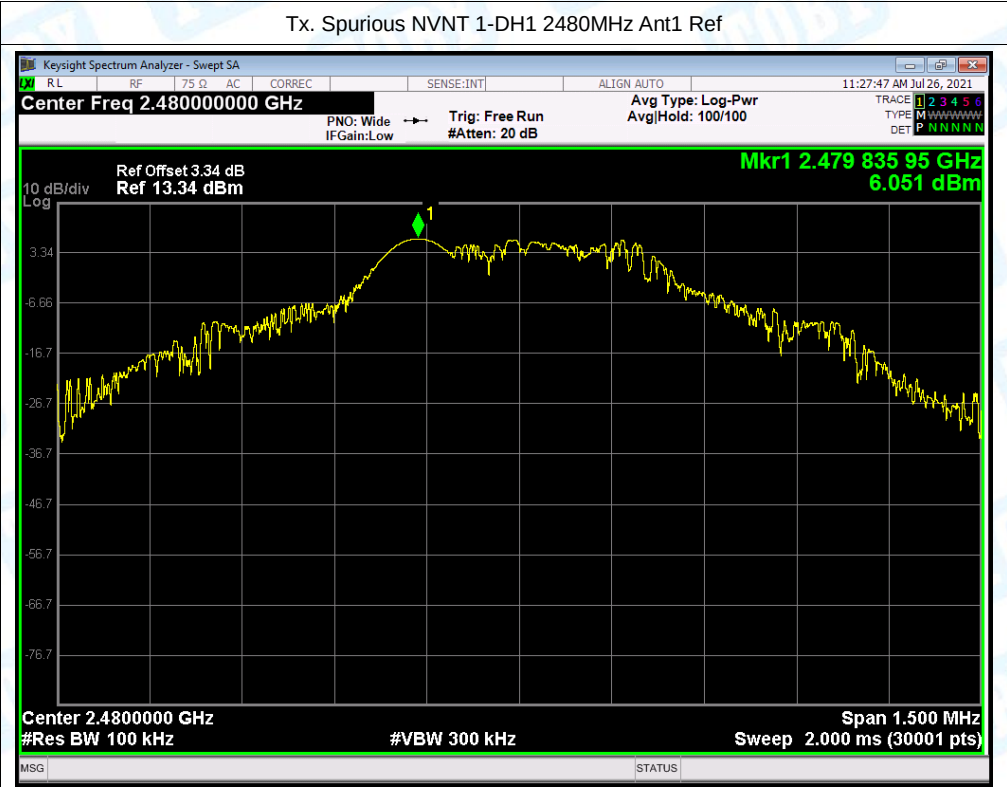


Tx. Spurious NVNT 1-DH1 2441MHz Ant1 Ref

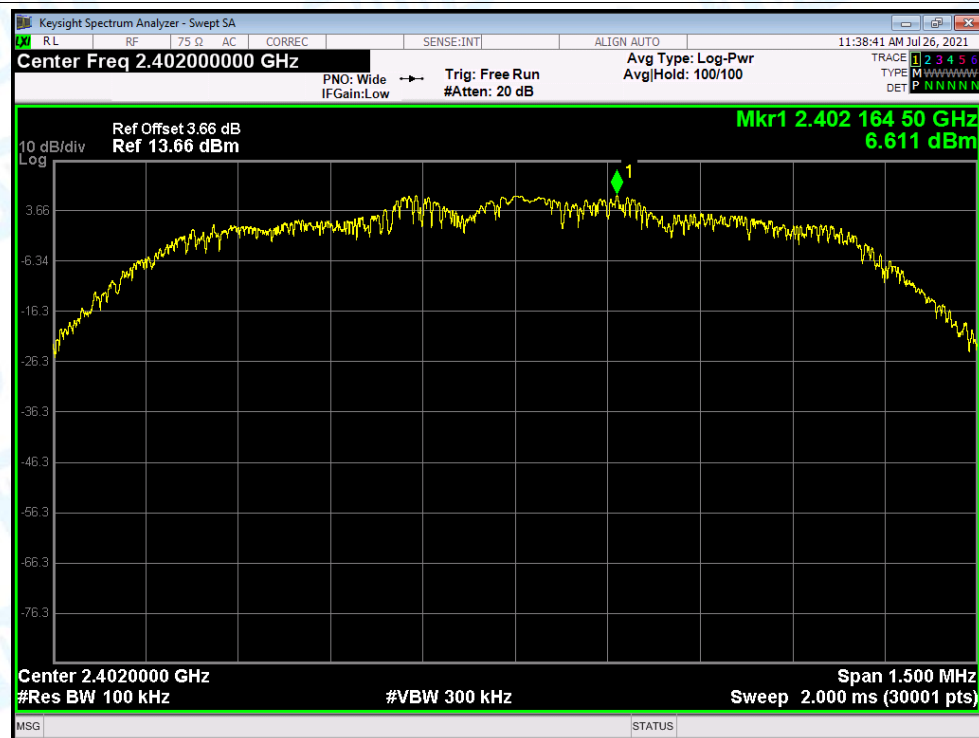


Tx. Spurious NVNT 1-DH1 2441MHz Ant1 Emission

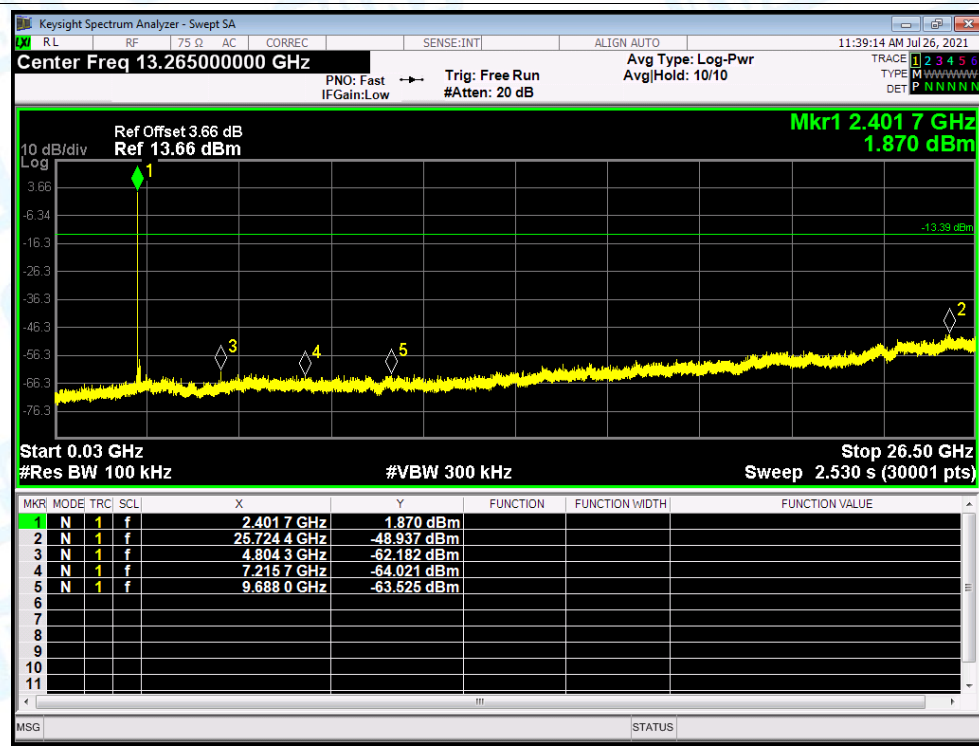




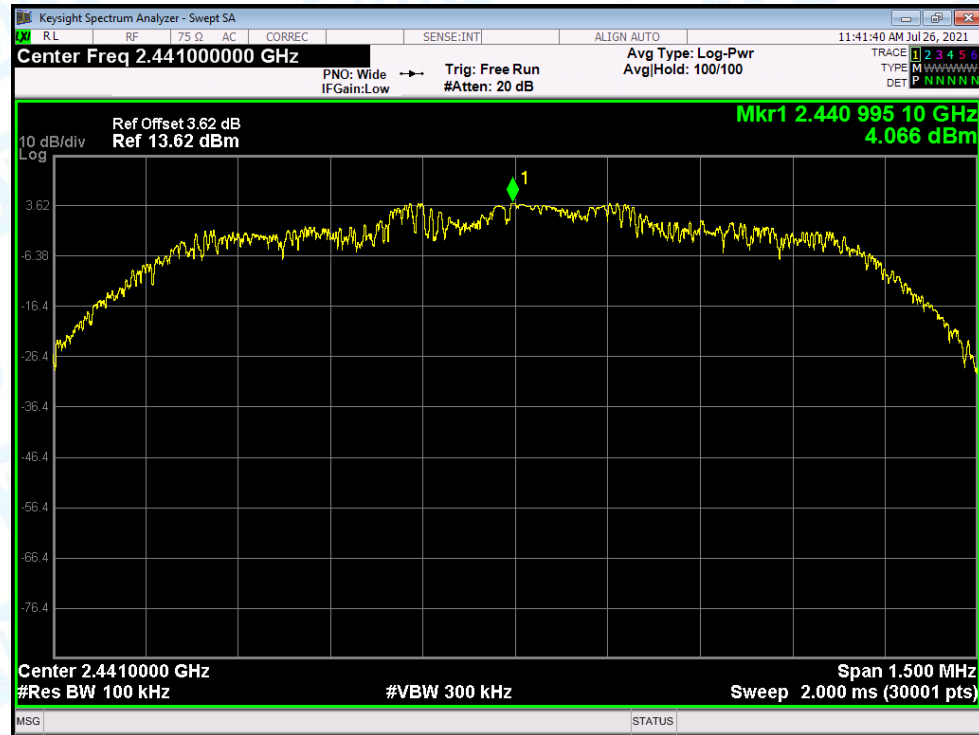
Tx. Spurious NVNT 2-DH1 2402MHz Ant1 Ref



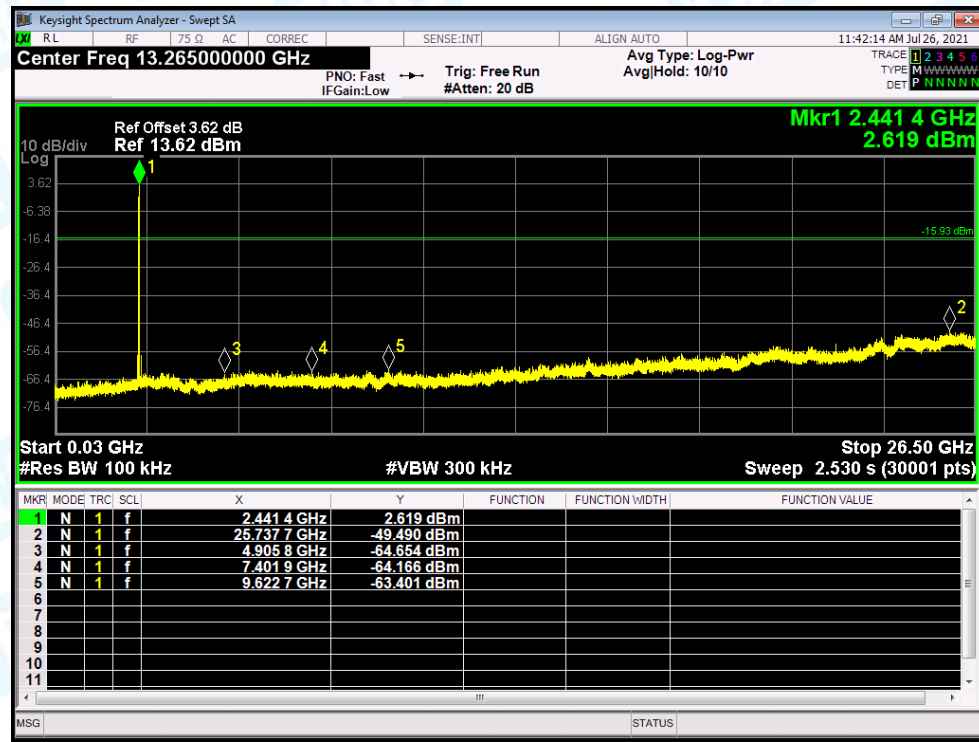
Tx. Spurious NVNT 2-DH1 2402MHz Ant1 Emission



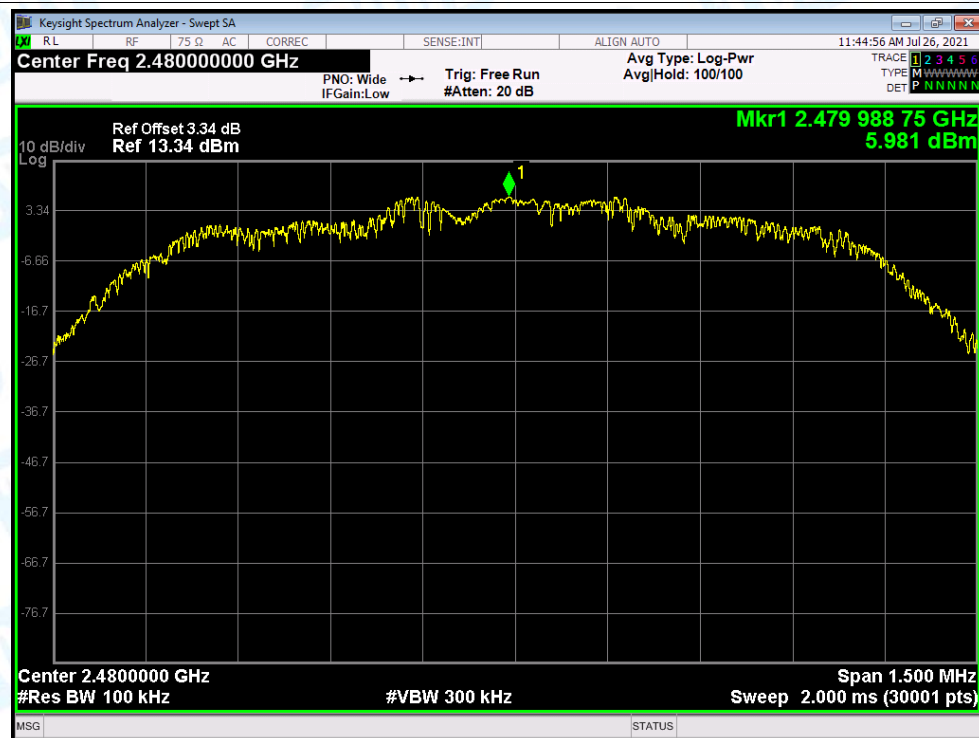
Tx. Spurious NVNT 2-DH1 2441MHz Ant1 Ref



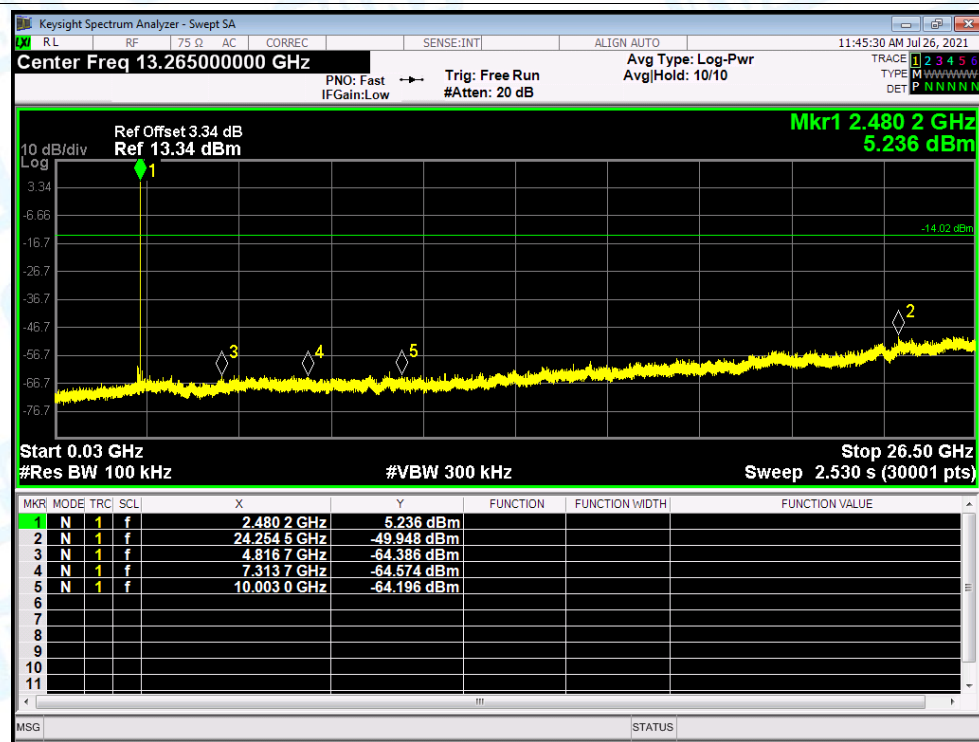
Tx. Spurious NVNT 2-DH1 2441MHz Ant1 Emission



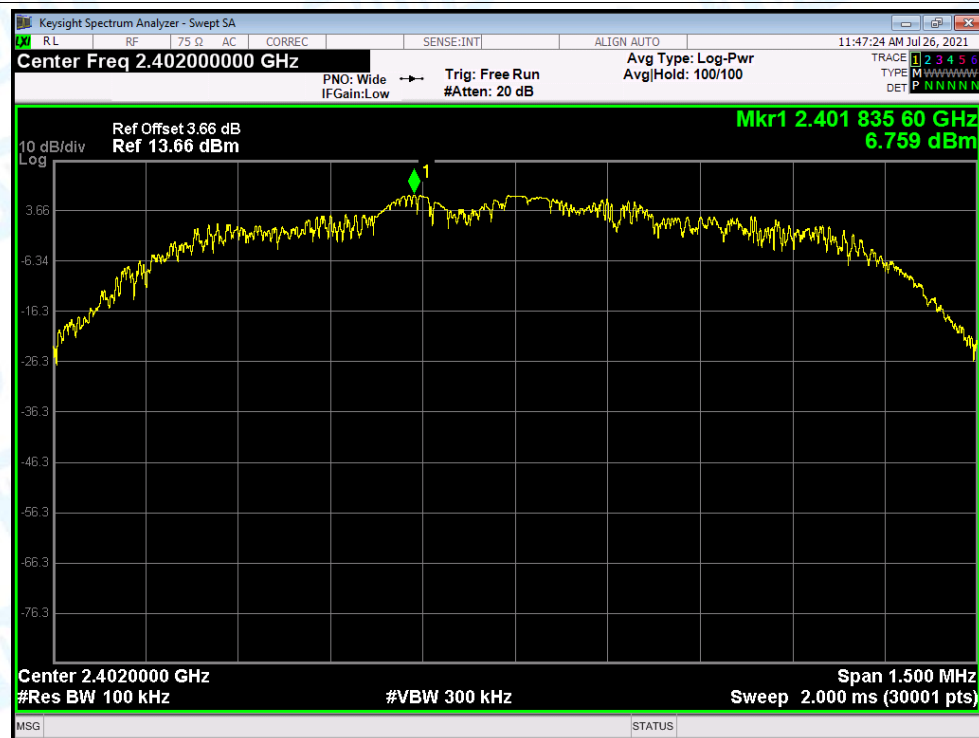
Tx. Spurious NVNT 2-DH1 2480MHz Ant1 Ref



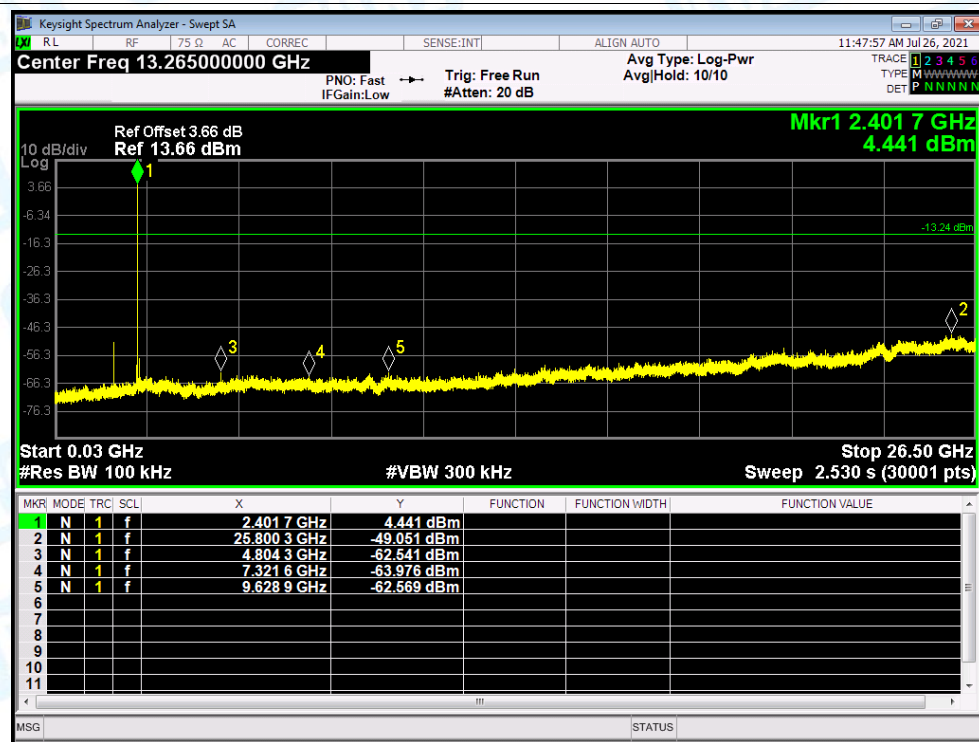
Tx. Spurious NVNT 2-DH1 2480MHz Ant1 Emission



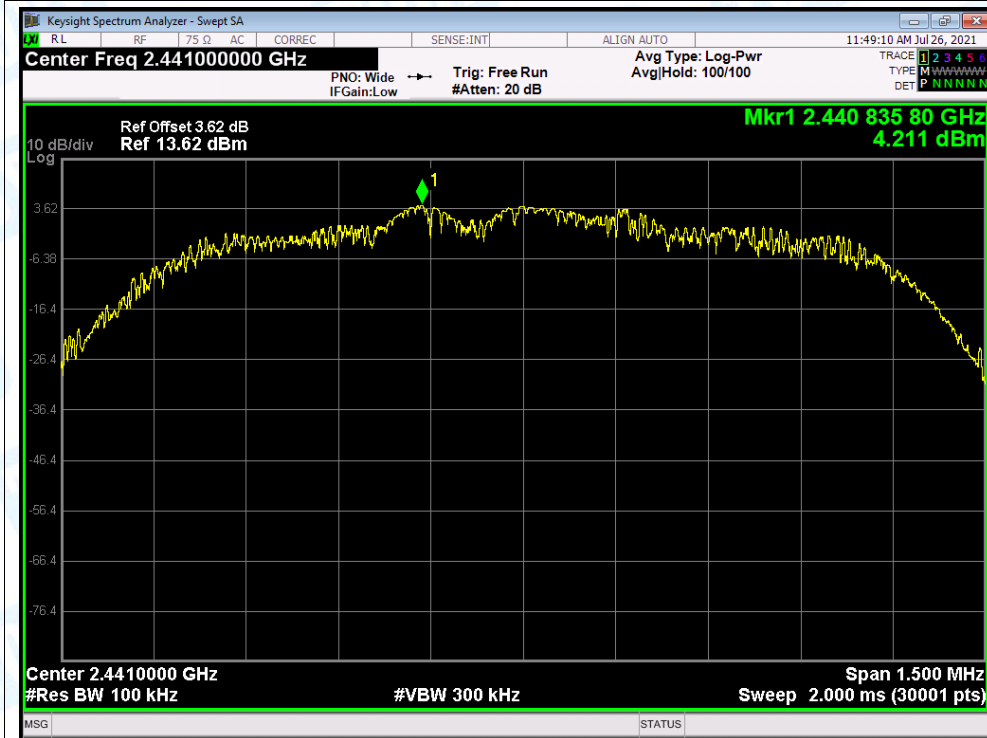
Tx. Spurious NVNT 3-DH1 2402MHz Ant1 Ref



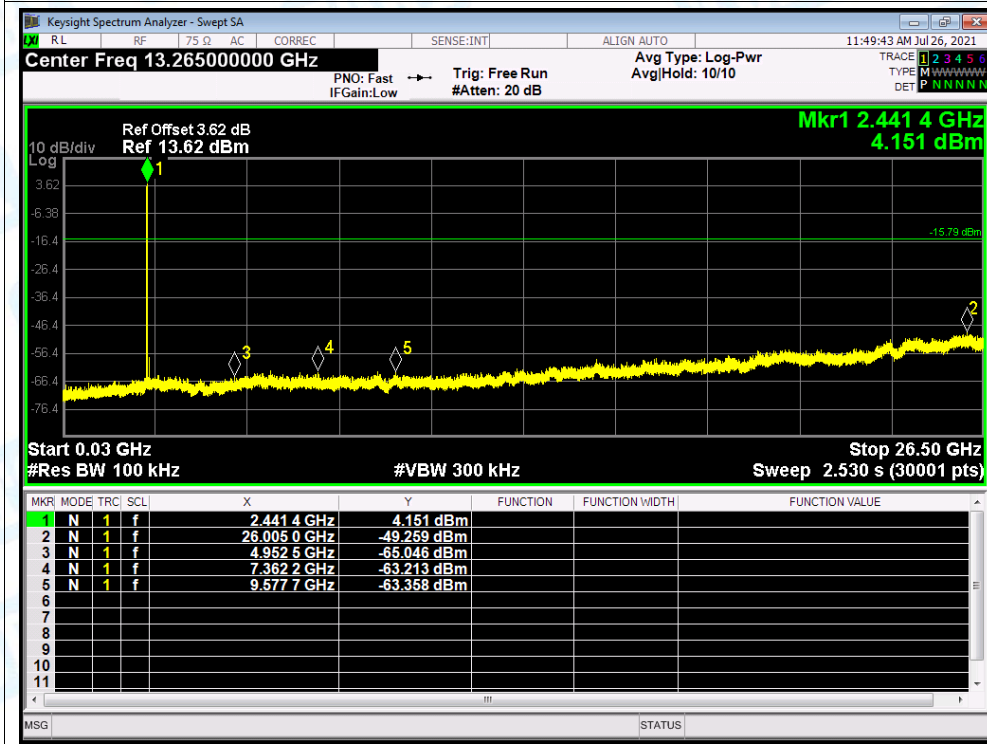
Tx. Spurious NVNT 3-DH1 2402MHz Ant1 Emission



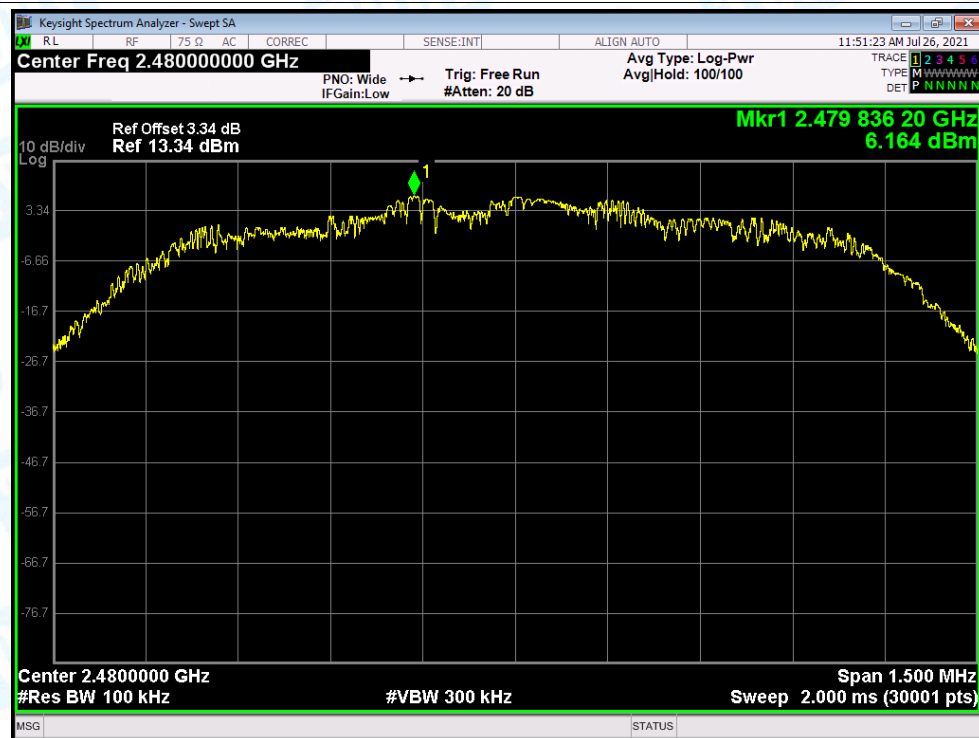
Tx. Spurious NVNT 3-DH1 2441MHz Ant1 Ref



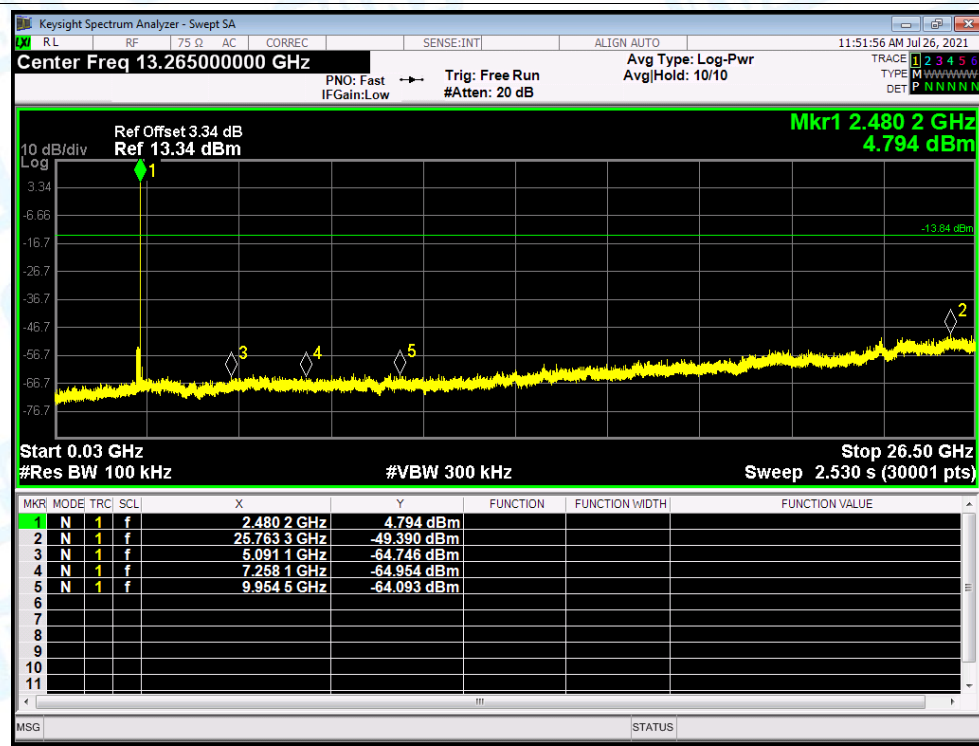
Tx. Spurious NVNT 3-DH1 2441MHz Ant1 Emission



Tx. Spurious NVNT 3-DH1 2480MHz Ant1 Ref



Tx. Spurious NVNT 3-DH1 2480MHz Ant1 Emission

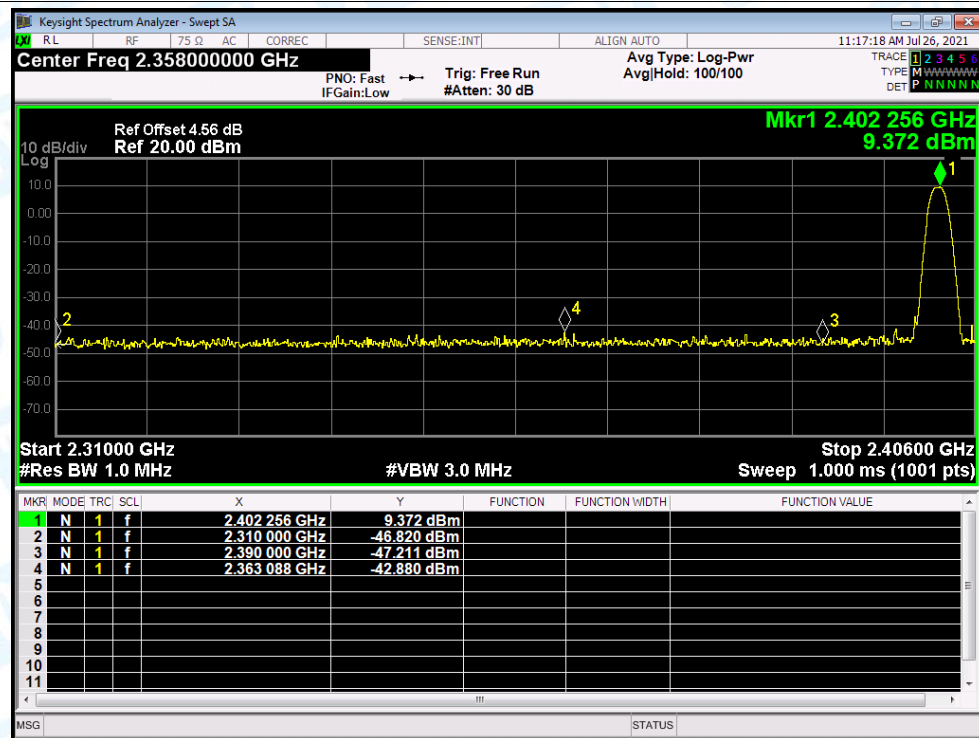


9.Restrict Band

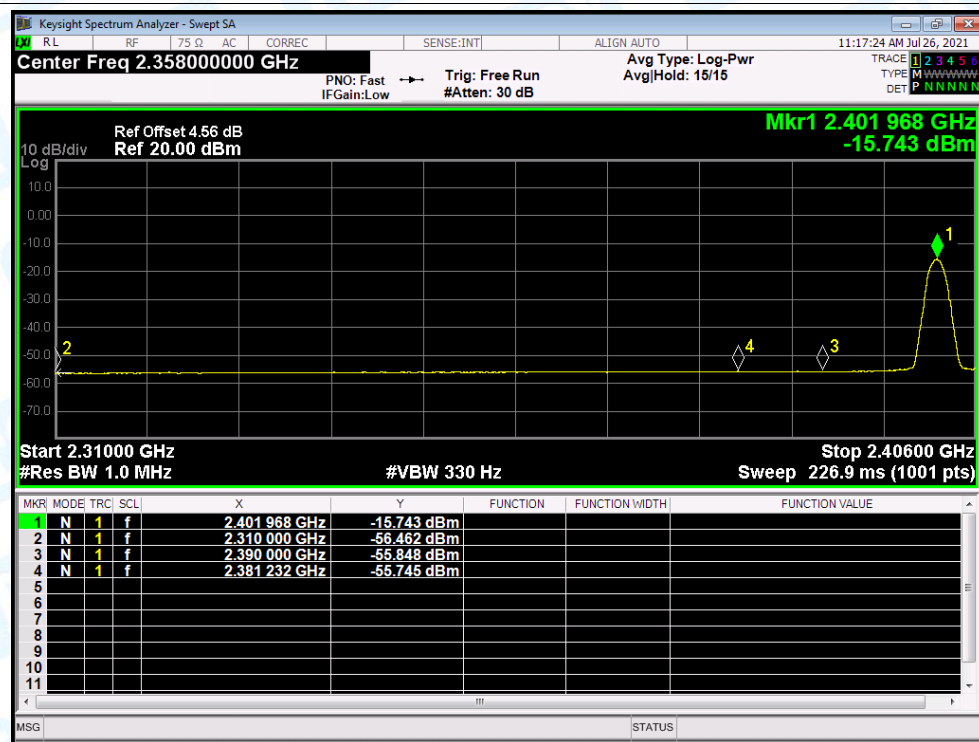
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
NVNT	1-DH1	2402	Ant1	No-Hopping	2310	-47.94	2	49.32	Peak	74	Pass
NVNT	1-DH1	2402	Ant1	No-Hopping	2310	-56.46	2	40.8	Average	54	Pass
NVNT	1-DH1	2402	Ant1	No-Hopping	2363.088	-42.87	2	54.39	Peak	74	Pass
NVNT	1-DH1	2402	Ant1	No-Hopping	2381.232	-55.74	2	41.52	Average	54	Pass
NVNT	1-DH1	2402	Ant1	No-Hopping	2390	-44.89	2	52.37	Peak	74	Pass
NVNT	1-DH1	2402	Ant1	No-Hopping	2390	-55.89	2	41.37	Average	54	Pass
NVNT	1-DH1	2480	Ant1	No-Hopping	2483.5	-42.93	2	54.33	Peak	74	Pass
NVNT	1-DH1	2480	Ant1	No-Hopping	2483.5	-55.13	2	42.13	Average	54	Pass
NVNT	1-DH1	2480	Ant1	No-Hopping	2484.952	-41.43	2	55.83	Peak	74	Pass
NVNT	1-DH1	2480	Ant1	No-Hopping	2483.8	-54.95	2	42.31	Average	54	Pass
NVNT	1-DH1	2480	Ant1	No-Hopping	2500	-44.71	2	52.55	Peak	74	Pass
NVNT	1-DH1	2480	Ant1	No-Hopping	2500	-55.5	2	41.76	Average	54	Pass
NVNT	2-DH1	2402	Ant1	No-Hopping	2310	-46.58	2	50.68	Peak	74	Pass
NVNT	2-DH1	2402	Ant1	No-Hopping	2310	-56.55	2	40.71	Average	54	Pass
NVNT	2-DH1	2402	Ant1	No-Hopping	2360.88	-43.44	2	53.82	Peak	74	Pass
NVNT	2-DH1	2402	Ant1	No-Hopping	2388.816	-55.71	2	41.55	Average	54	Pass
NVNT	2-DH1	2402	Ant1	No-Hopping	2390	-46.64	2	50.62	Peak	74	Pass
NVNT	2-DH1	2402	Ant1	No-Hopping	2390	-55.89	2	41.37	Average	54	Pass
NVNT	2-DH1	2480	Ant1	No-Hopping	2483.5	-40.61	2	56.65	Peak	74	Pass
NVNT	2-DH1	2480	Ant1	No-Hopping	2483.5	-53.78	2	43.48	Average	54	Pass
NVNT	2-DH1	2480	Ant1	No-Hopping	2483.632	-38.55	2	58.71	Peak	74	Pass
NVNT	2-DH1	2480	Ant1	No-Hopping	2483.512	-53.78	2	43.48	Average	54	Pass
NVNT	2-DH1	2480	Ant1	No-Hopping	2500	-44.69	2	52.57	Peak	74	Pass
NVNT	2-DH1	2480	Ant1	No-Hopping	2500	-55.54	2	41.72	Average	54	Pass
NVNT	3-DH1	2402	Ant1	No-Hopping	2310	-47.4	2	49.86	Peak	74	Pass
NVNT	3-DH1	2402	Ant1	No-Hopping	2310	-56.57	2	40.69	Average	54	Pass
NVNT	3-DH1	2402	Ant1	No-Hopping	2388.528	-42.22	2	55.04	Peak	74	Pass
NVNT	3-DH1	2402	Ant1	No-Hopping	2380.656	-55.72	2	41.54	Average	54	Pass
NVNT	3-DH1	2402	Ant1	No-Hopping	2390	-46.89	2	50.37	Peak	74	Pass
NVNT	3-DH1	2402	Ant1	No-Hopping	2390	-55.87	2	41.39	Average	54	Pass
NVNT	3-DH1	2480	Ant1	No-Hopping	2483.5	-38.78	2	58.48	Peak	74	Pass
NVNT	3-DH1	2480	Ant1	No-Hopping	2483.5	-53.86	2	43.4	Average	54	Pass
NVNT	3-DH1	2480	Ant1	No-Hopping	2483.728	-38.34	2	58.92	Peak	74	Pass
NVNT	3-DH1	2480	Ant1	No-Hopping	2483.536	-53.77	2	43.49	Average	54	Pass
NVNT	3-DH1	2480	Ant1	No-Hopping	2500	-43.94	2	53.32	Peak	74	Pass
NVNT	3-DH1	2480	Ant1	No-Hopping	2500	-55.61	2	41.65	Average	54	Pass

Test Graphs

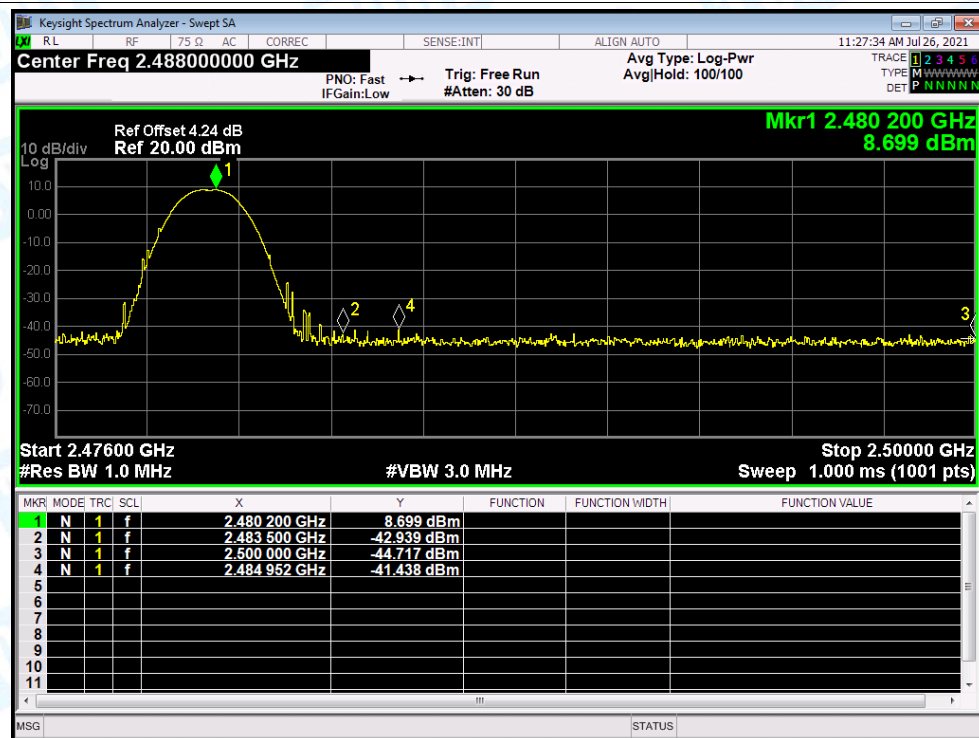
Restrict Band NVNT 1-DH1 2402MHz Ant1 No-Hopping Peak



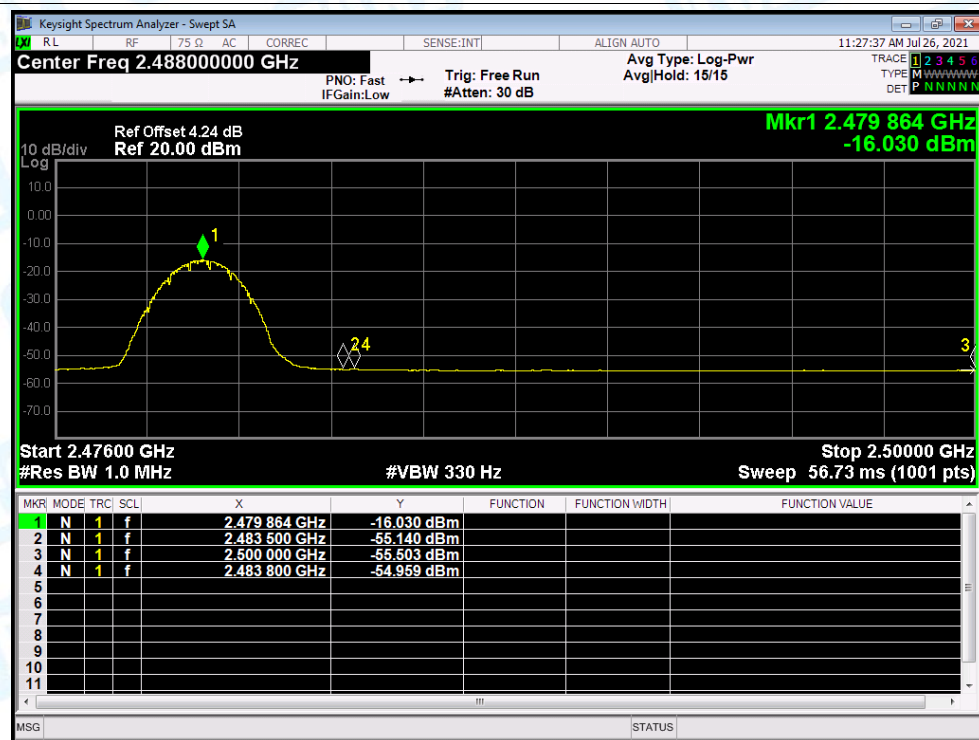
Restrict Band NVNT 1-DH1 2402MHz Ant1 No-Hopping Average



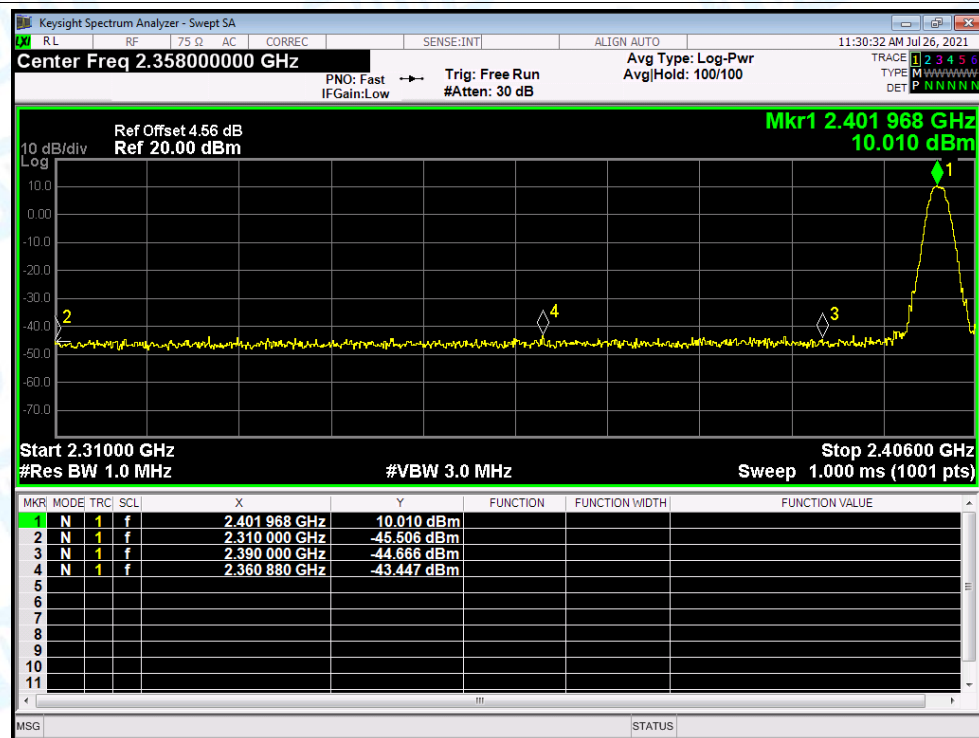
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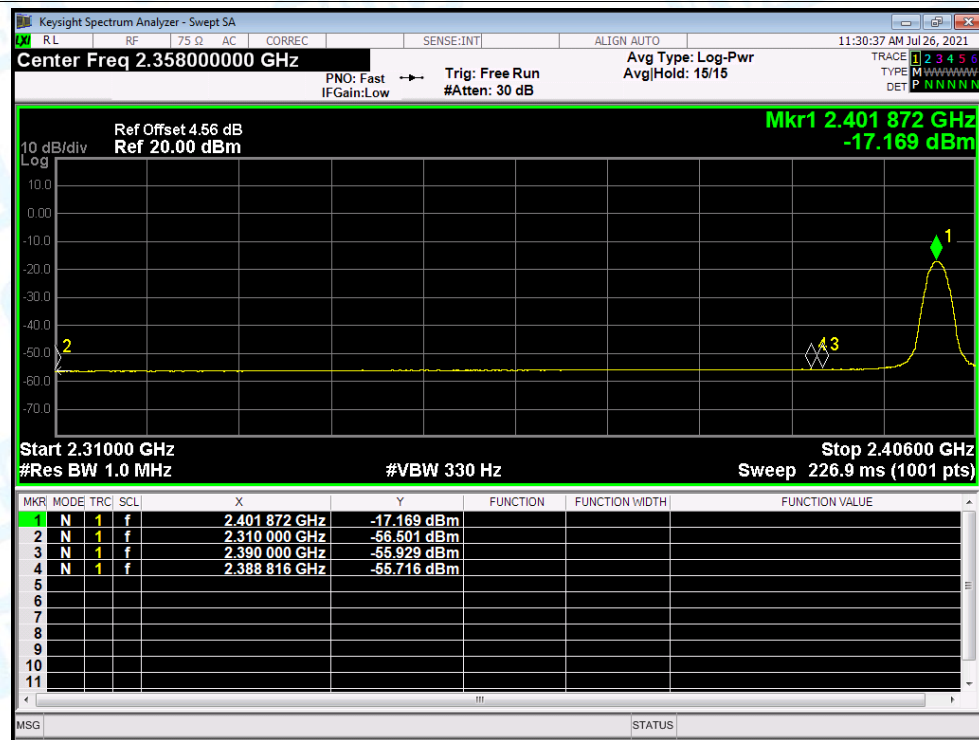
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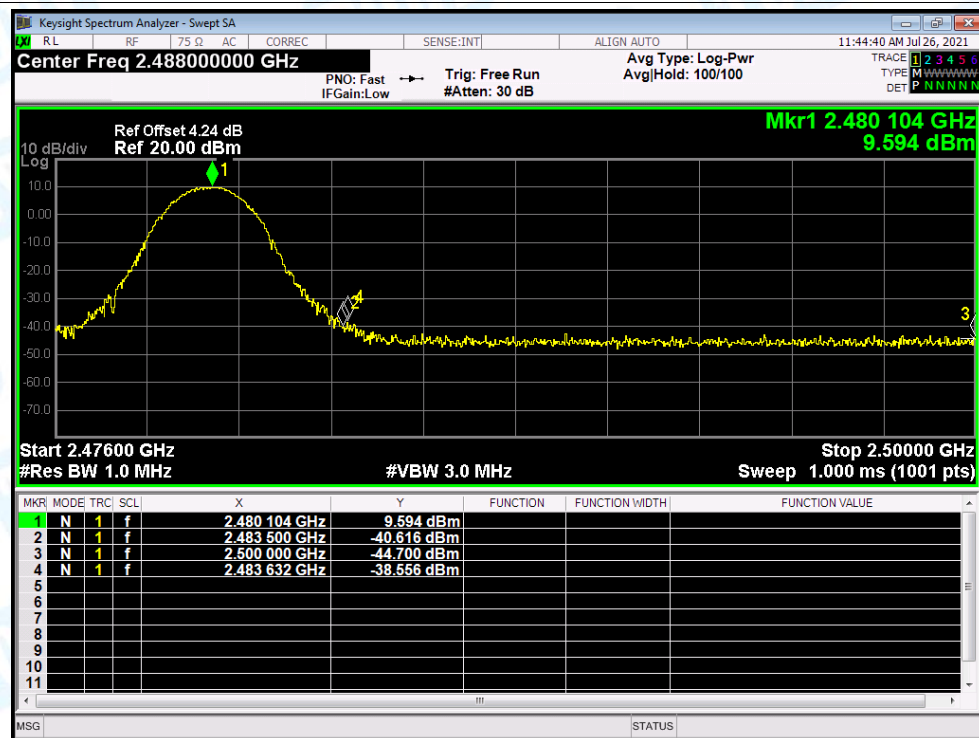
Restrict Band NVNT 2-DH1 2402MHz Ant1 No-Hopping Peak



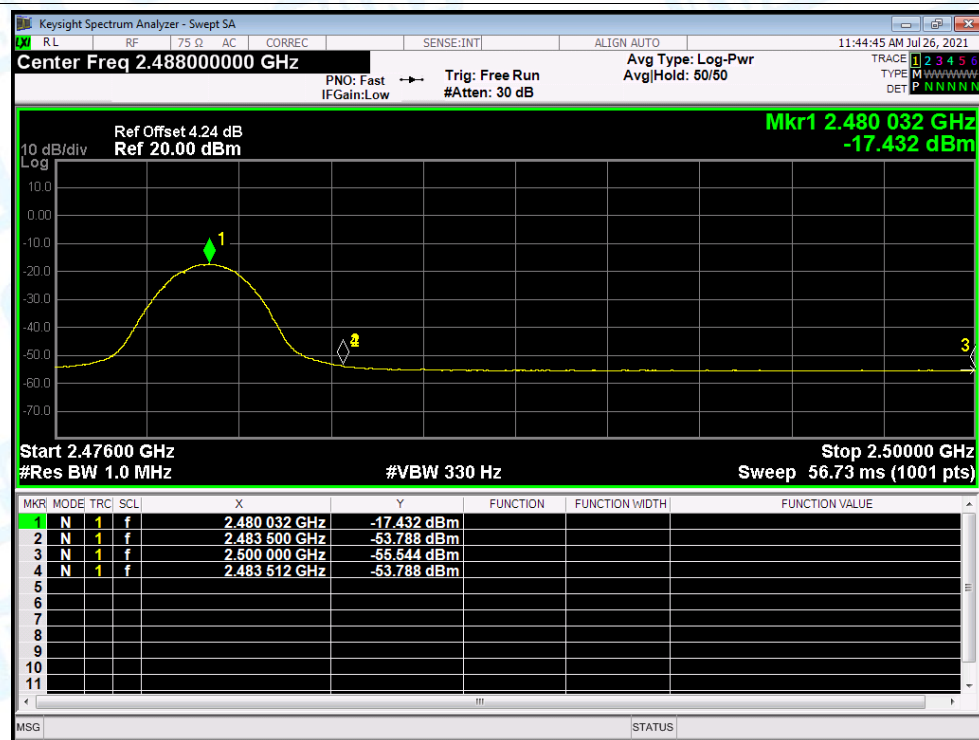
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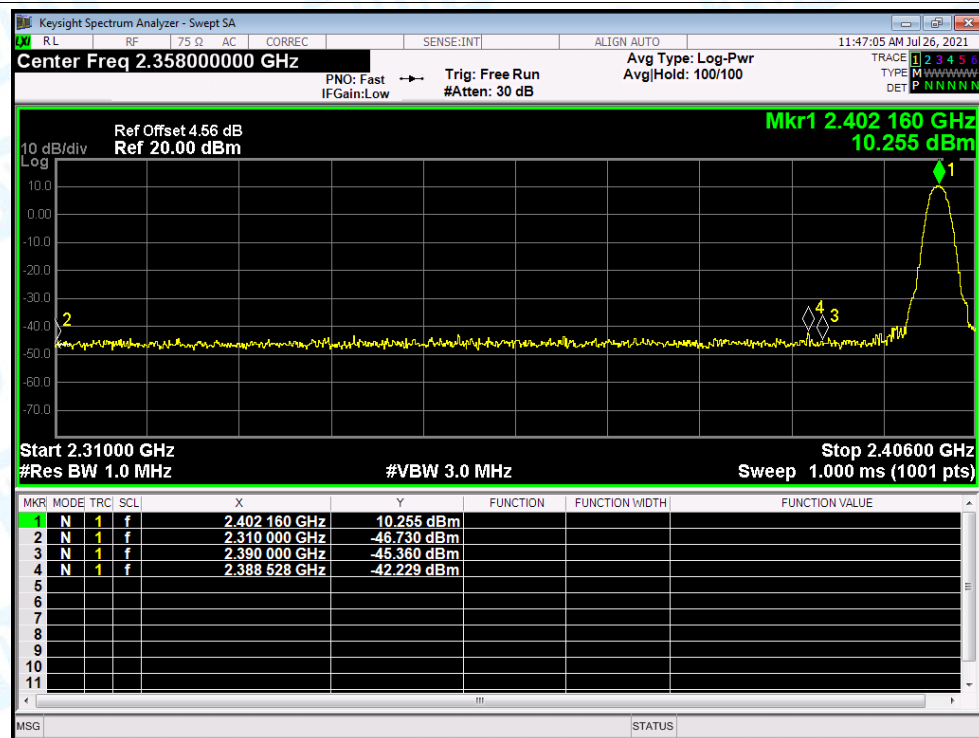
Restrict Band NVNT 2-DH1 2480MHz Ant1 No-Hopping Peak



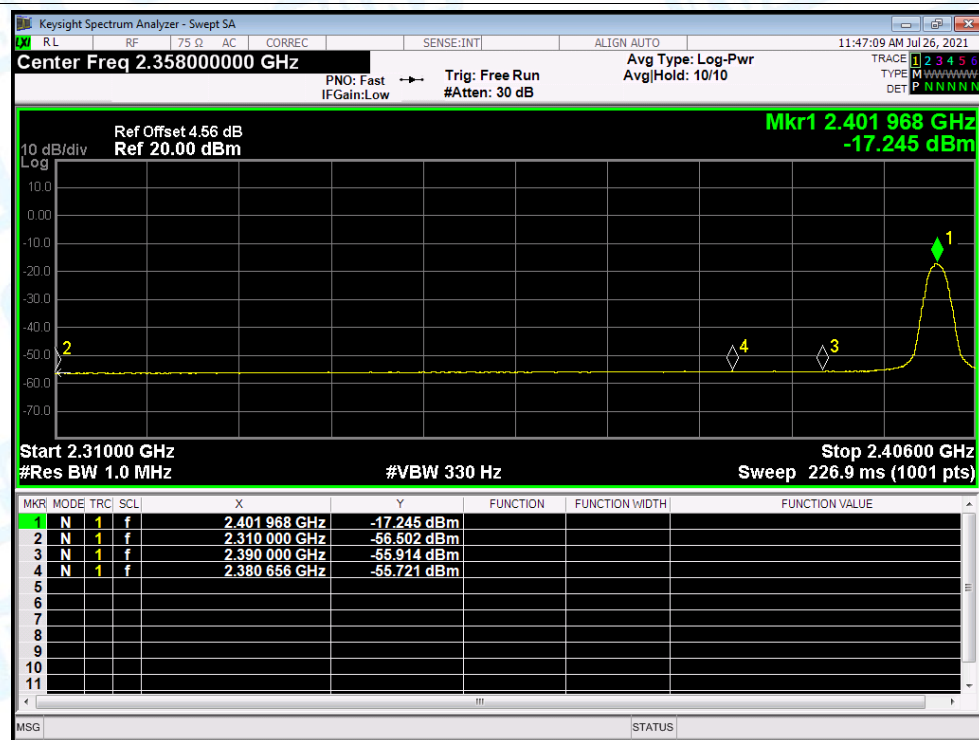
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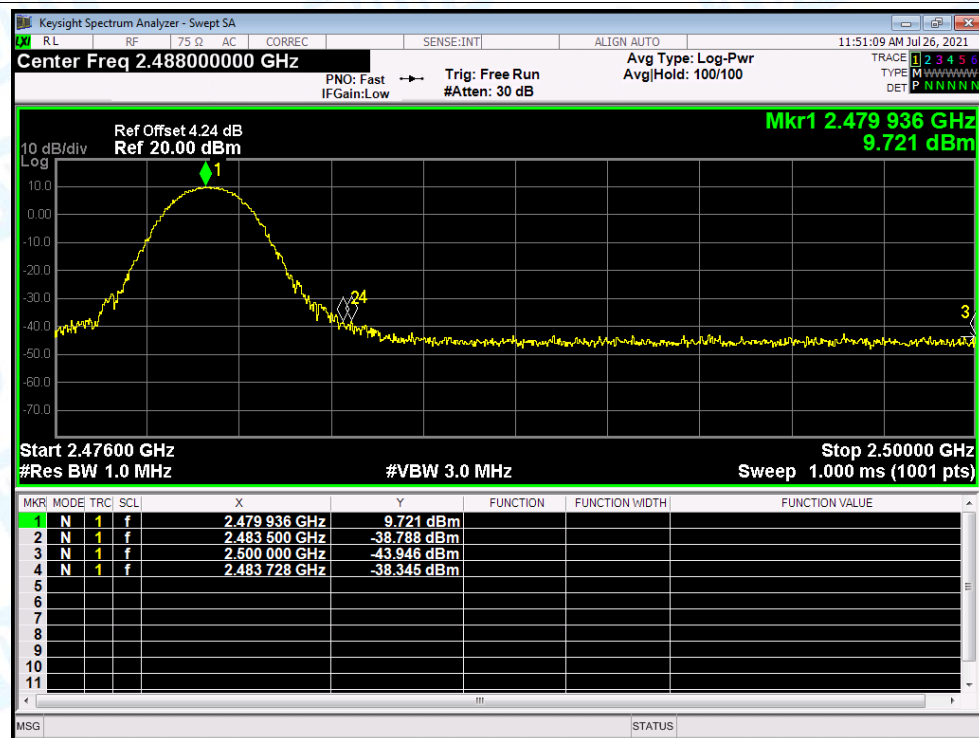
Restrict Band NVNT 3-DH1 2402MHz Ant1 No-Hopping Peak



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

