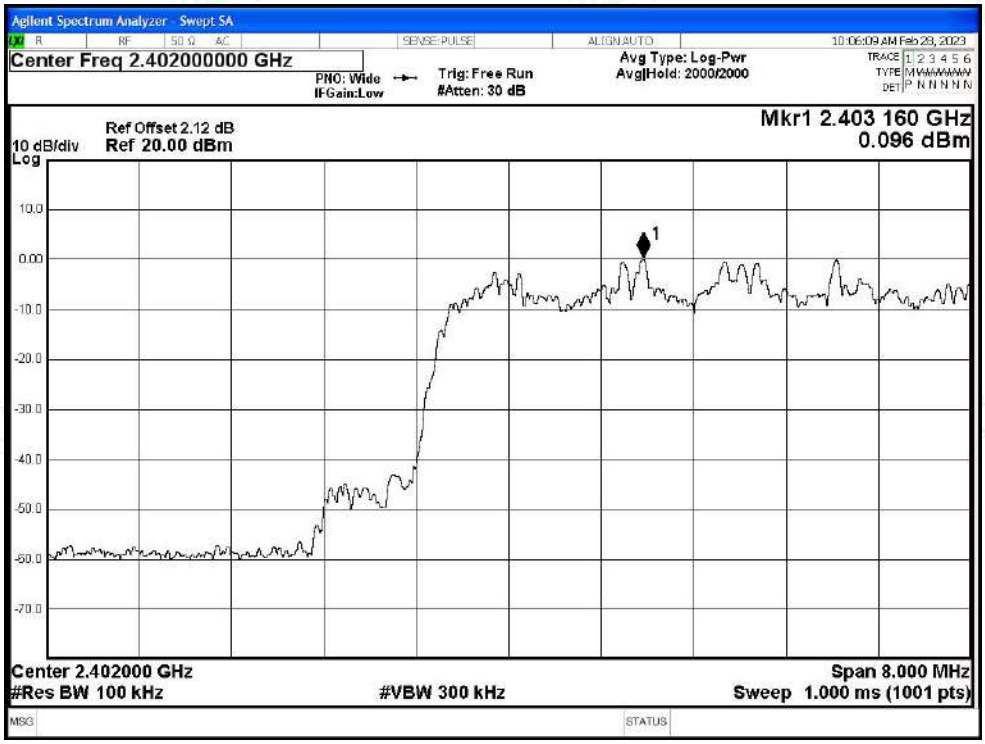
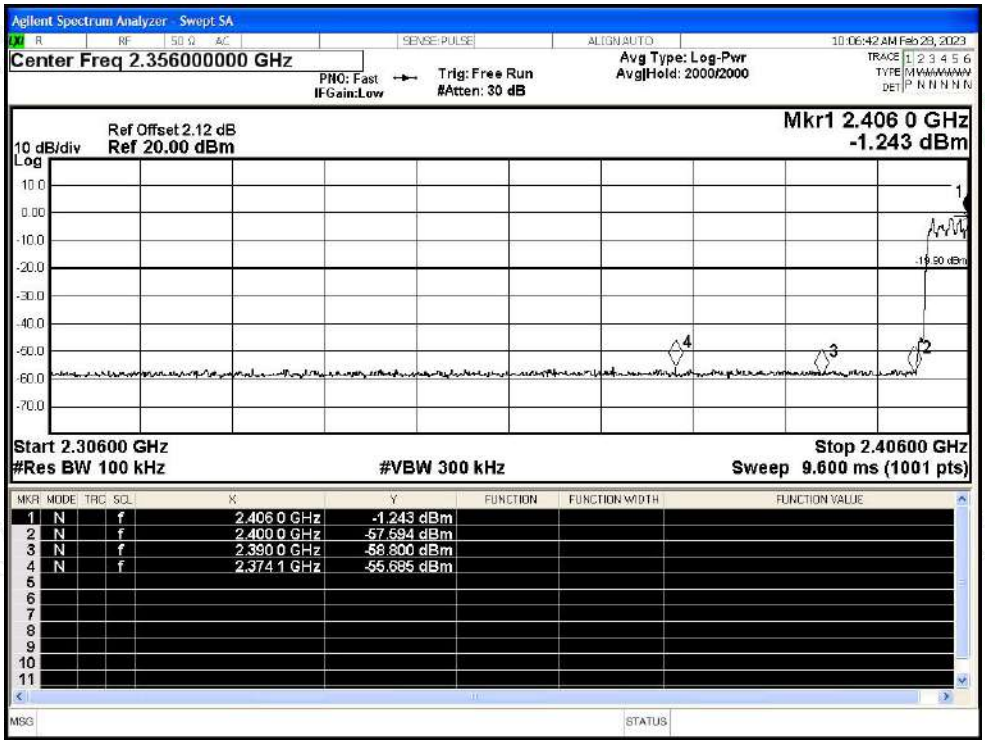
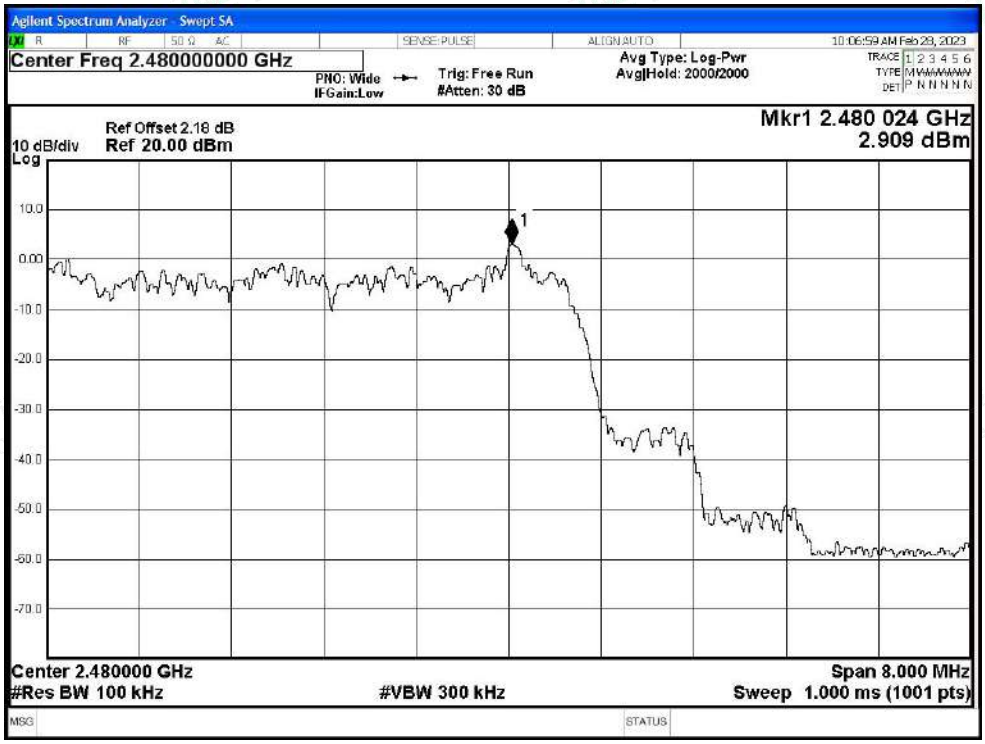
Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant1 Hopping Ref



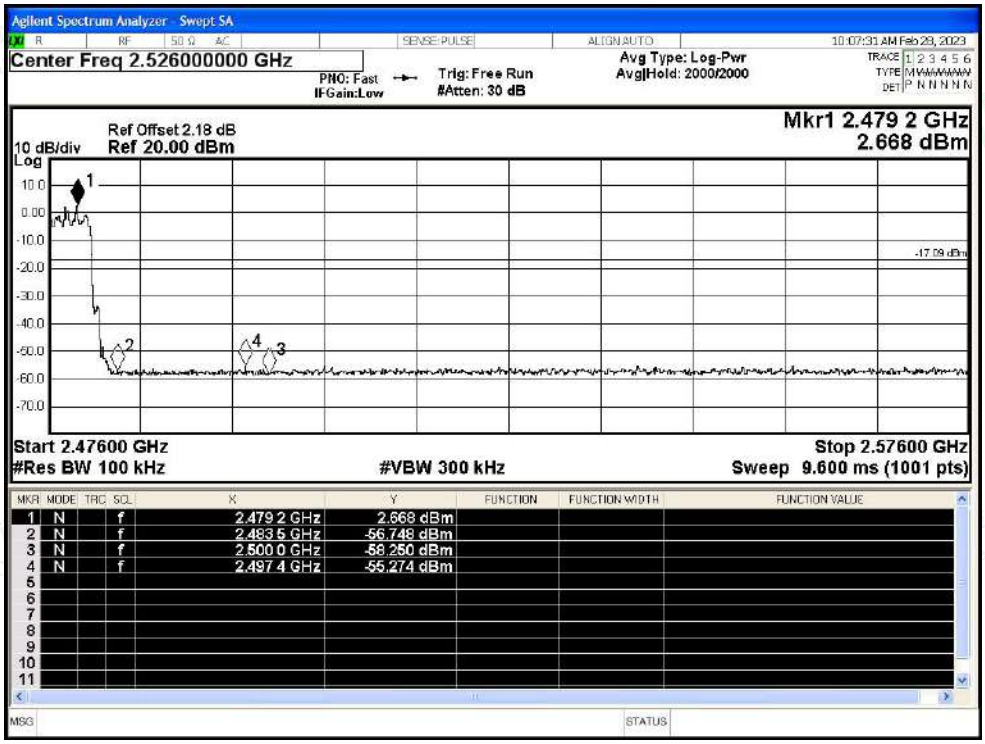
Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant1 Hopping Emission



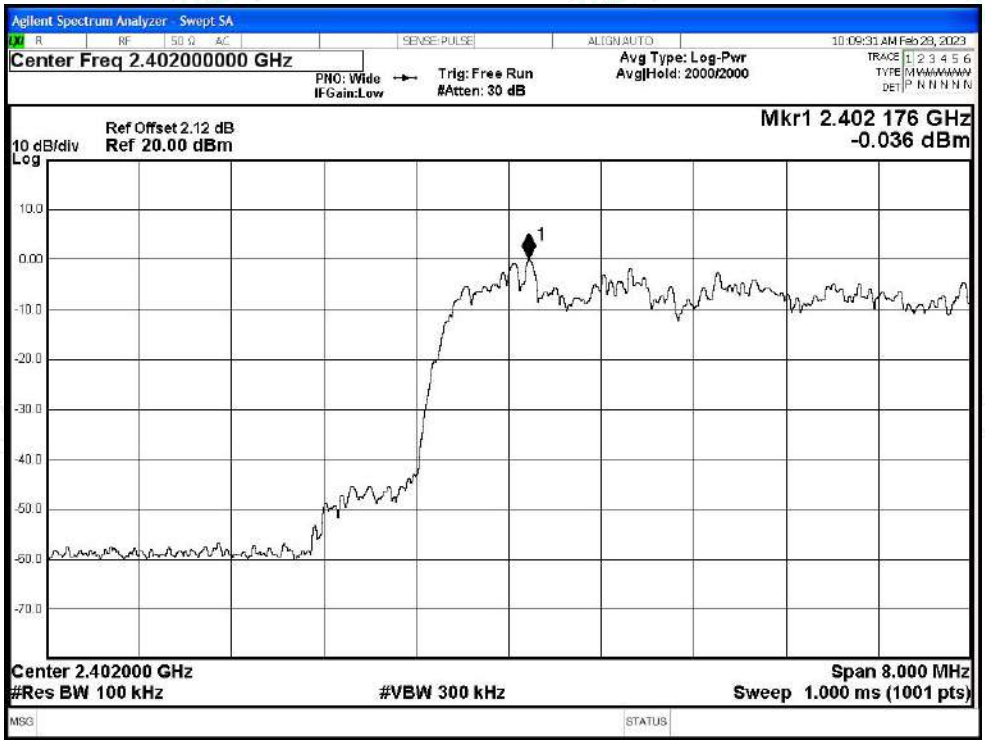
Band Edge(Hopping) NVNT 2-DH5 2480MHz Ant1 Hopping Ref



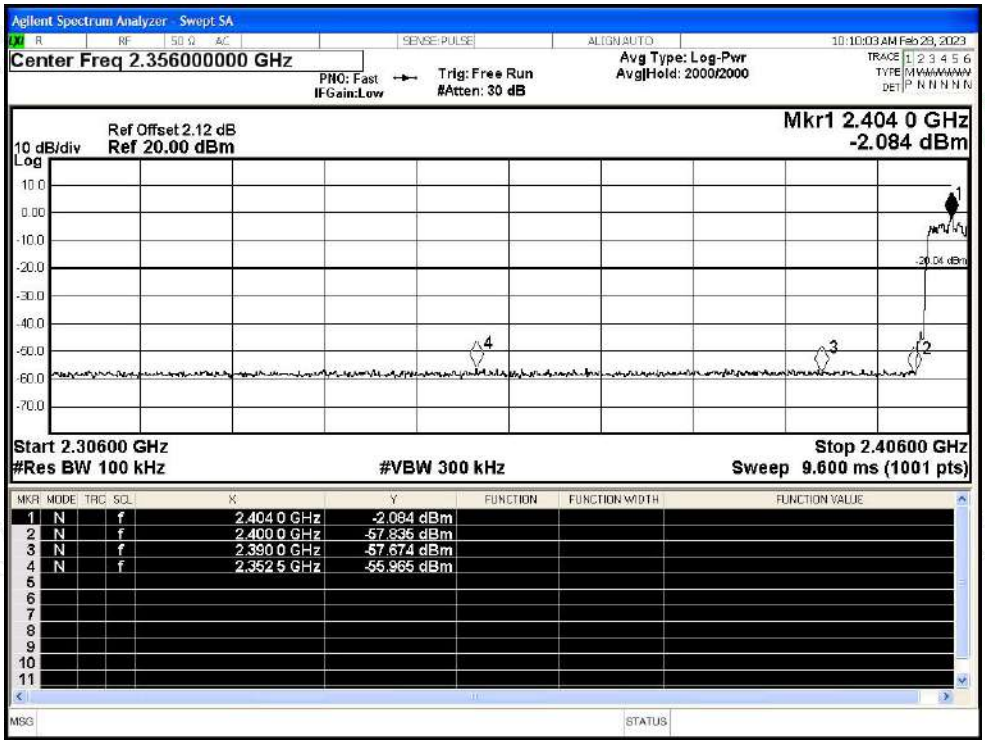
Band Edge(Hopping) NVNT 2-DH5 2480MHz Ant1 Hopping Emission



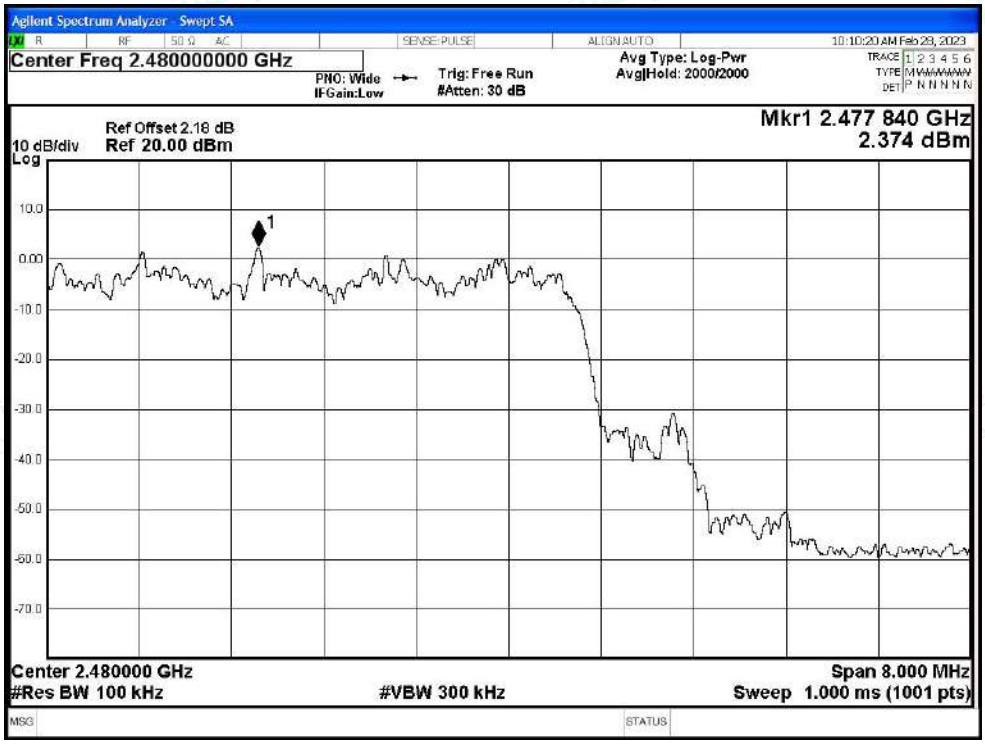
Band Edge(Hopping) NVNT 3-DH5 2402MHz Ant1 Hopping Ref



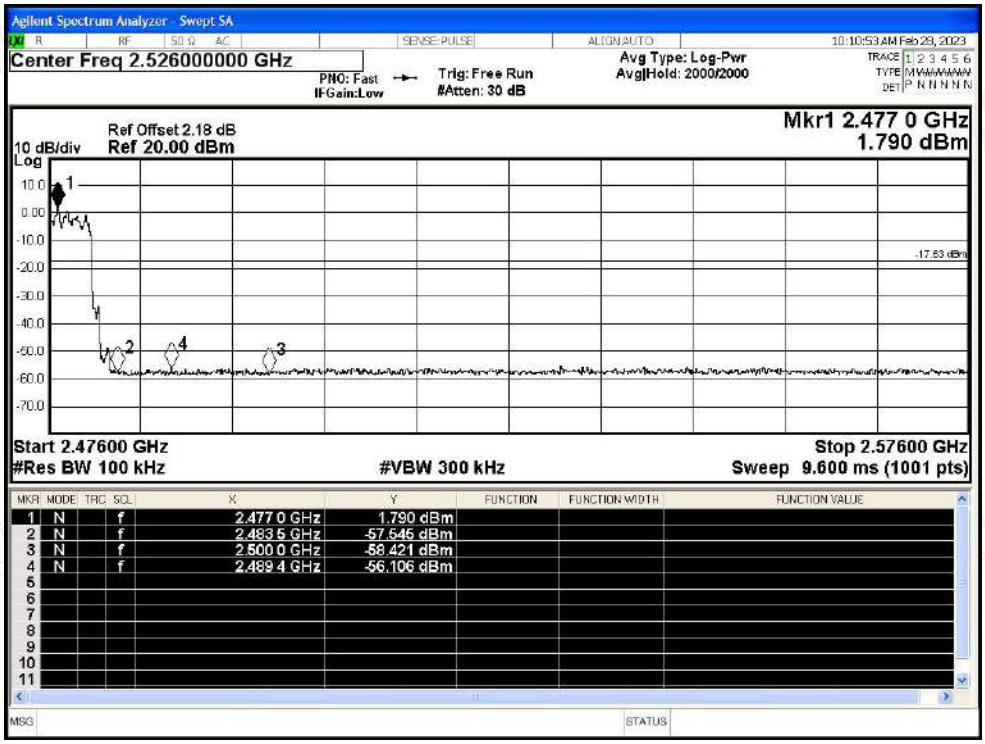
Band Edge(Hopping) NVNT 3-DH5 2402MHz Ant1 Hopping Emission



Band Edge(Hopping) NVNT 3-DH5 2480MHz Ant1 Hopping Ref



Band Edge(Hopping) NVNT 3-DH5 2480MHz Ant1 Hopping Emission

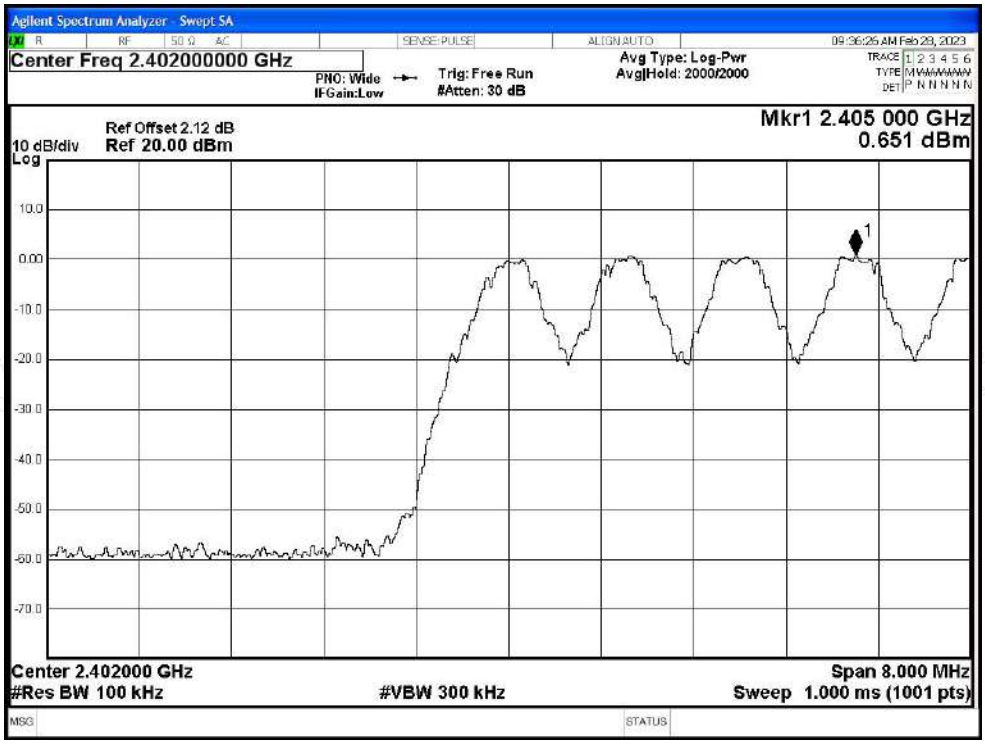


Right

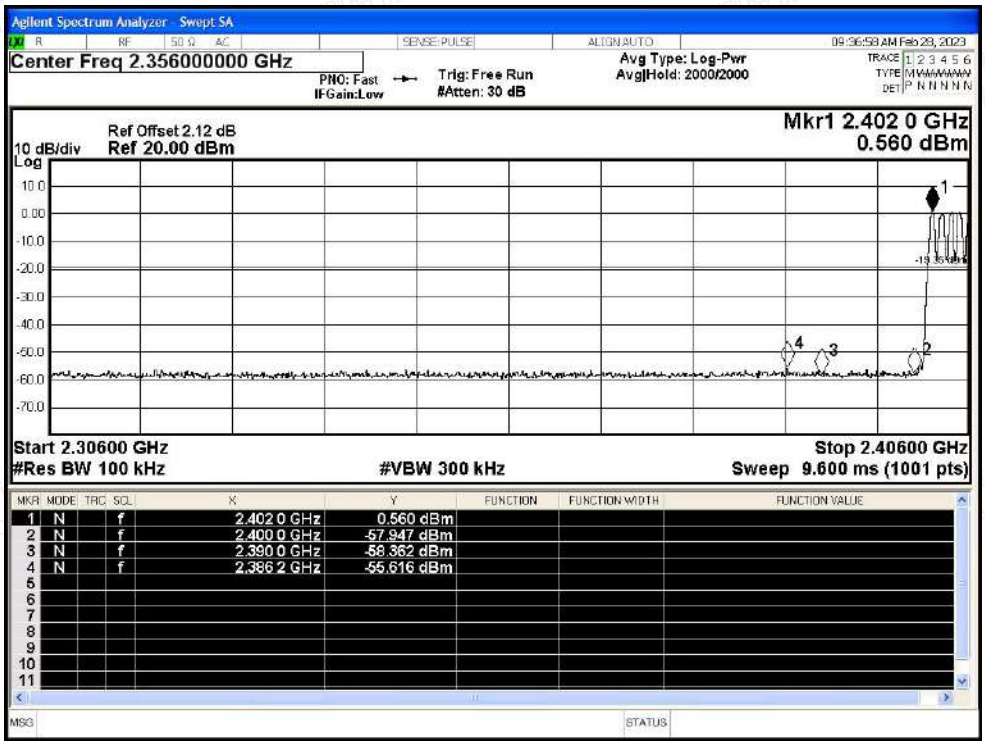
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	Hopping	-56.27	-20	Pass
NVNT	1-DH5	2480	Ant1	Hopping	-58.73	-20	Pass
NVNT	2-DH5	2402	Ant1	Hopping	-55.65	-20	Pass
NVNT	2-DH5	2480	Ant1	Hopping	-58.79	-20	Pass
NVNT	3-DH5	2402	Ant1	Hopping	-55.09	-20	Pass
NVNT	3-DH5	2480	Ant1	Hopping	-58.1	-20	Pass

Test Graphs

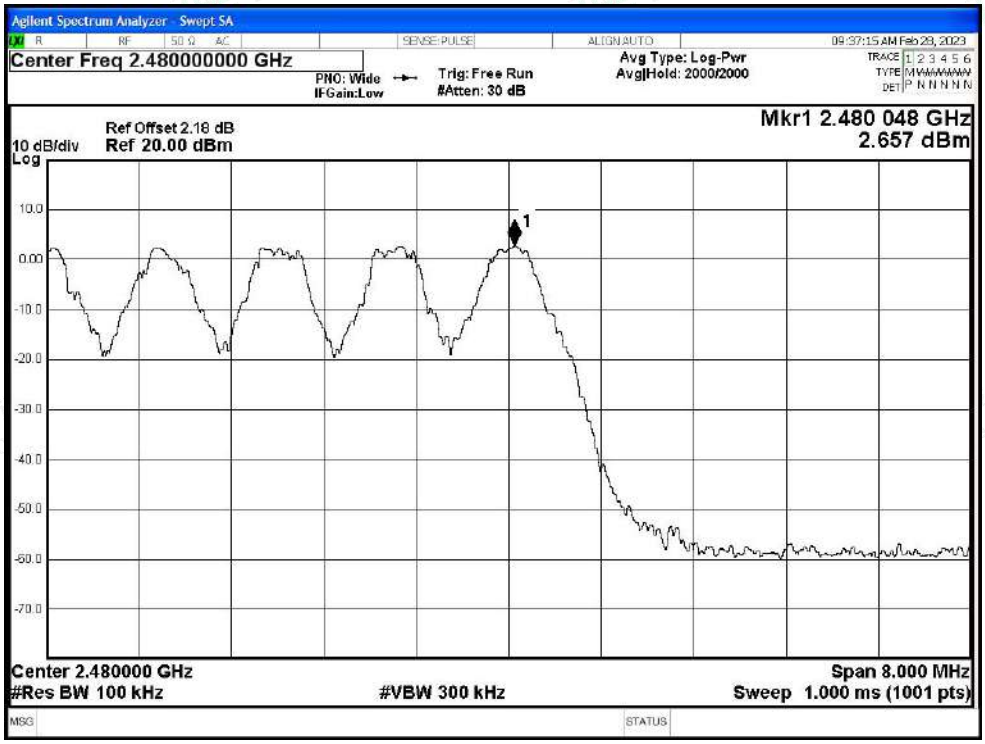
Band Edge(Hopping) NVNT 1-DH5 2402MHz Ant1 Hopping Ref



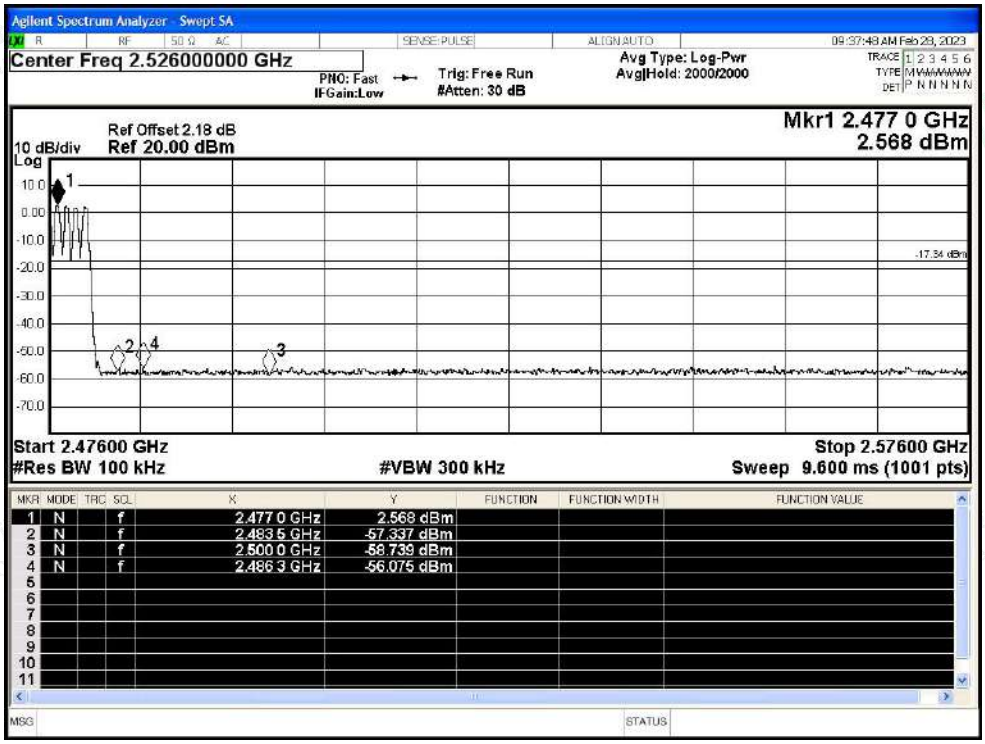
Band Edge(Hopping) NVNT 1-DH5 2402MHz Ant1 Hopping Emission



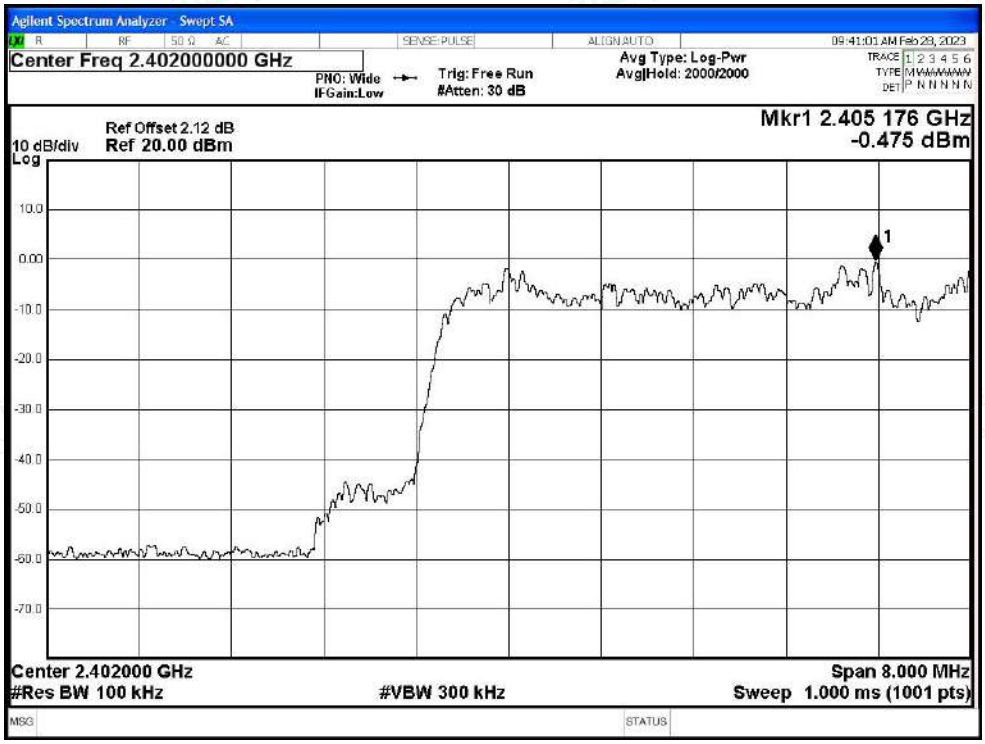
Band Edge(Hopping) NVNT 1-DH5 2480MHz Ant1 Hopping Ref



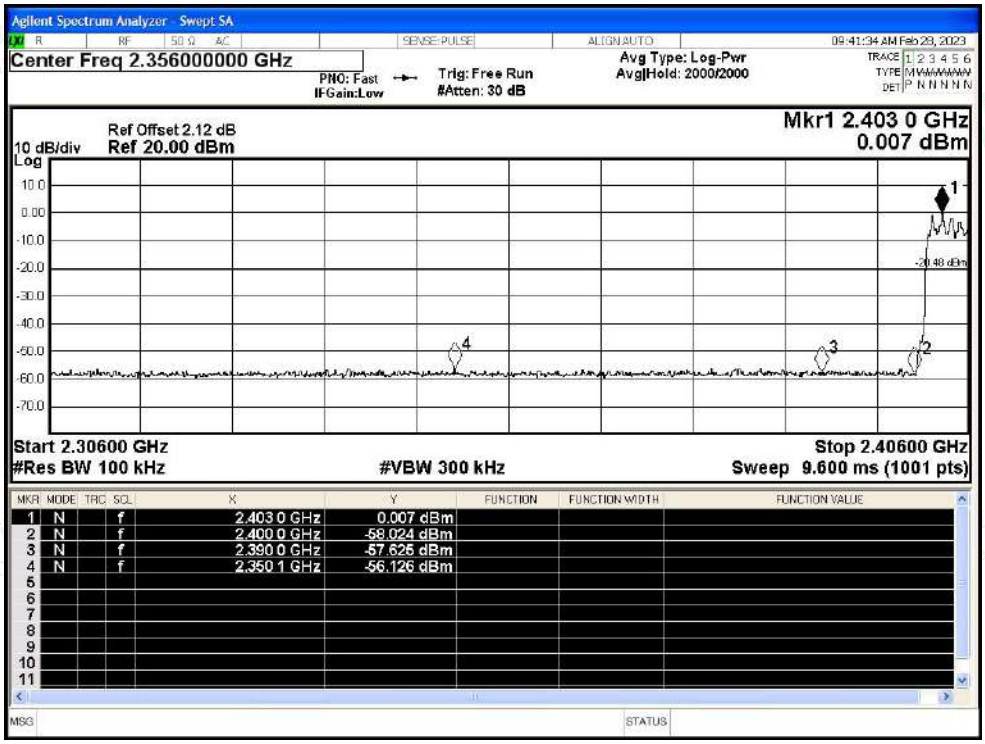
Band Edge(Hopping) NVNT 1-DH5 2480MHz Ant1 Hopping Emission



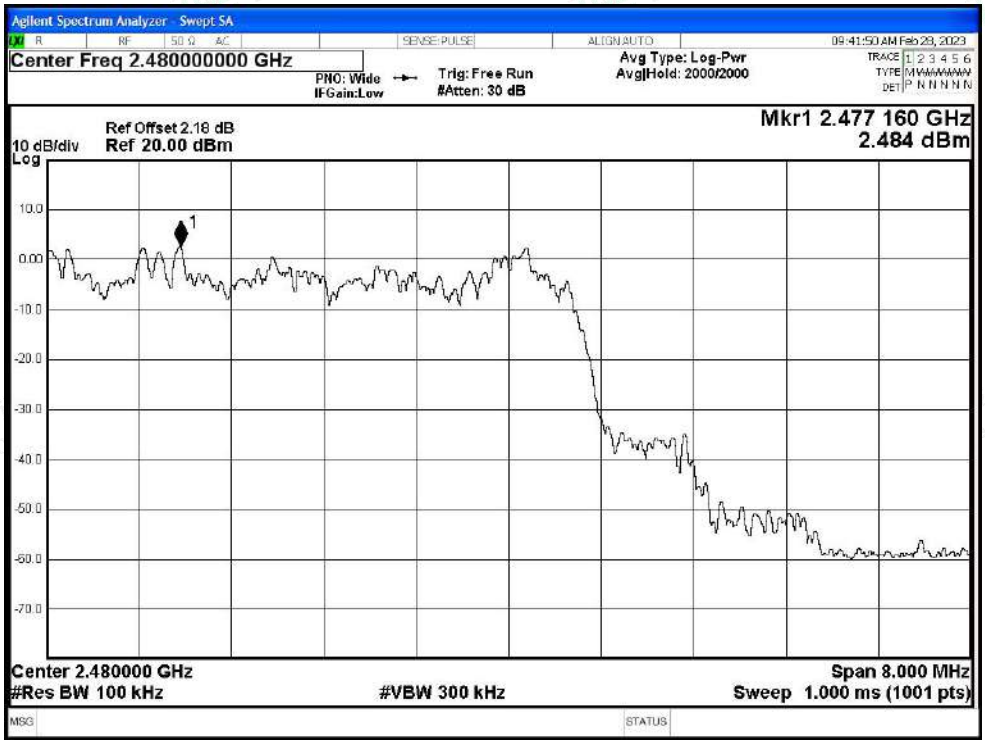
Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant1 Hopping Ref



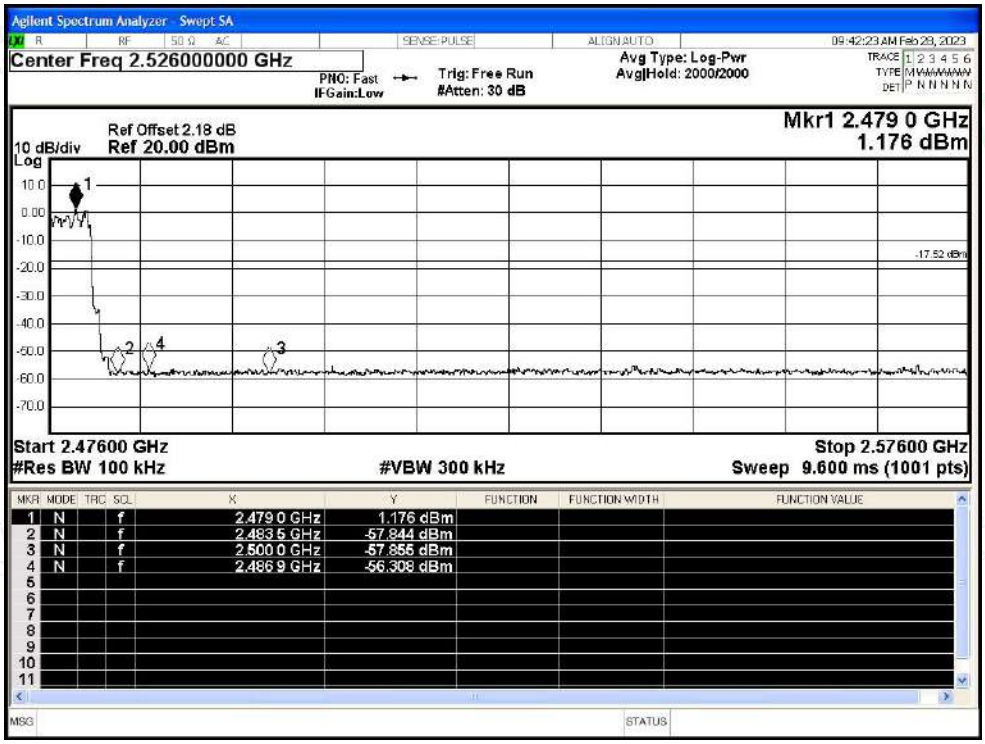
Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant1 Hopping Emission



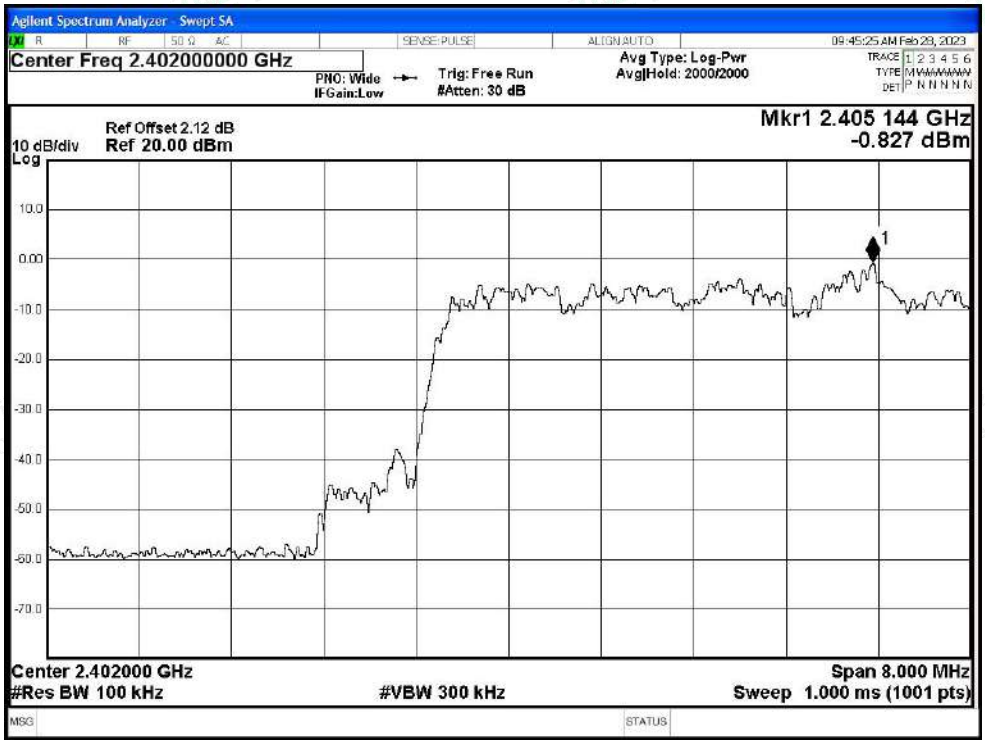
Band Edge(Hopping) NVNT 2-DH5 2480MHz Ant1 Hopping Ref



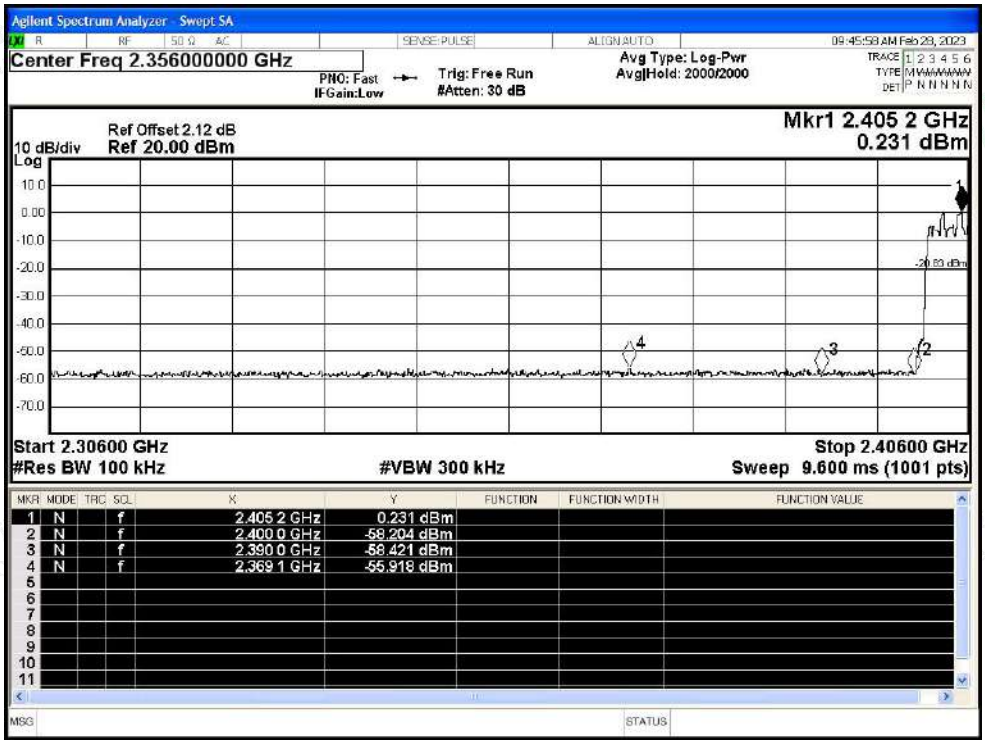
Band Edge(Hopping) NVNT 2-DH5 2480MHz Ant1 Hopping Emission



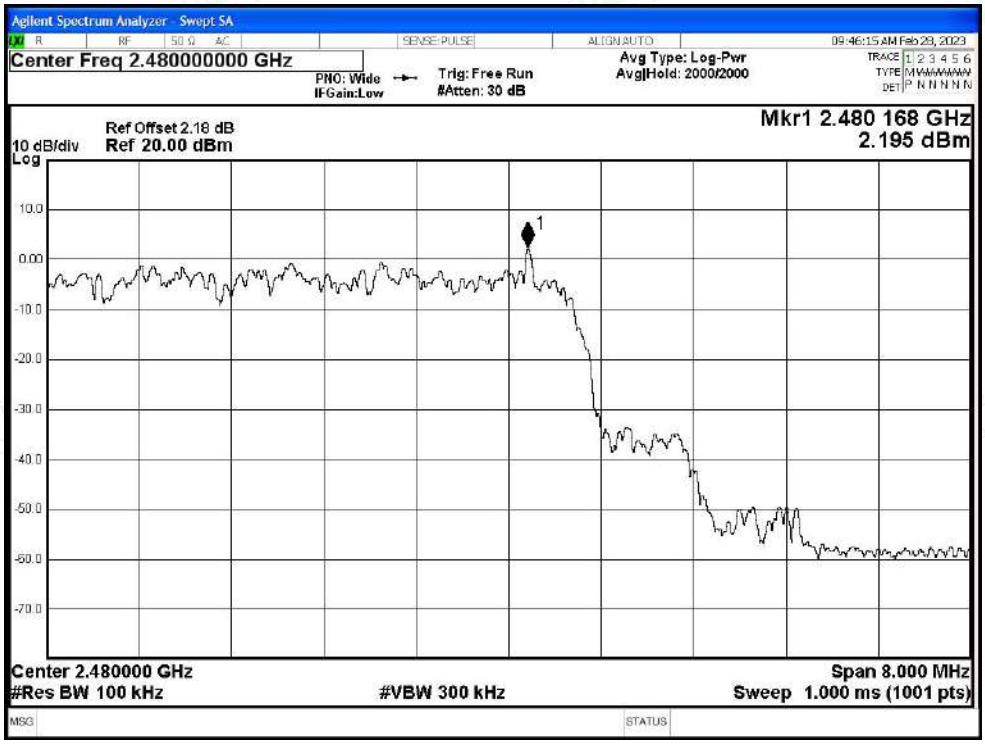
Band Edge(Hopping) NVNT 3-DH5 2402MHz Ant1 Hopping Ref



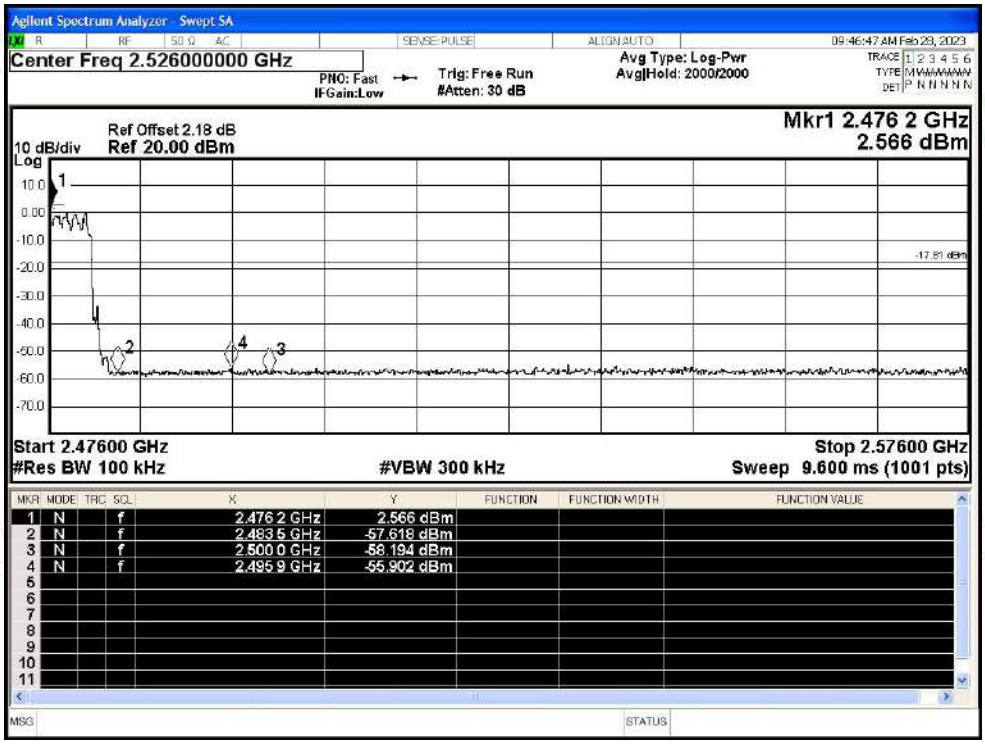
Band Edge(Hopping) NVNT 3-DH5 2402MHz Ant1 Hopping Emission



Band Edge(Hopping) NVNT 3-DH5 2480MHz Ant1 Hopping Ref



Band Edge(Hopping) NVNT 3-DH5 2480MHz Ant1 Hopping Emission



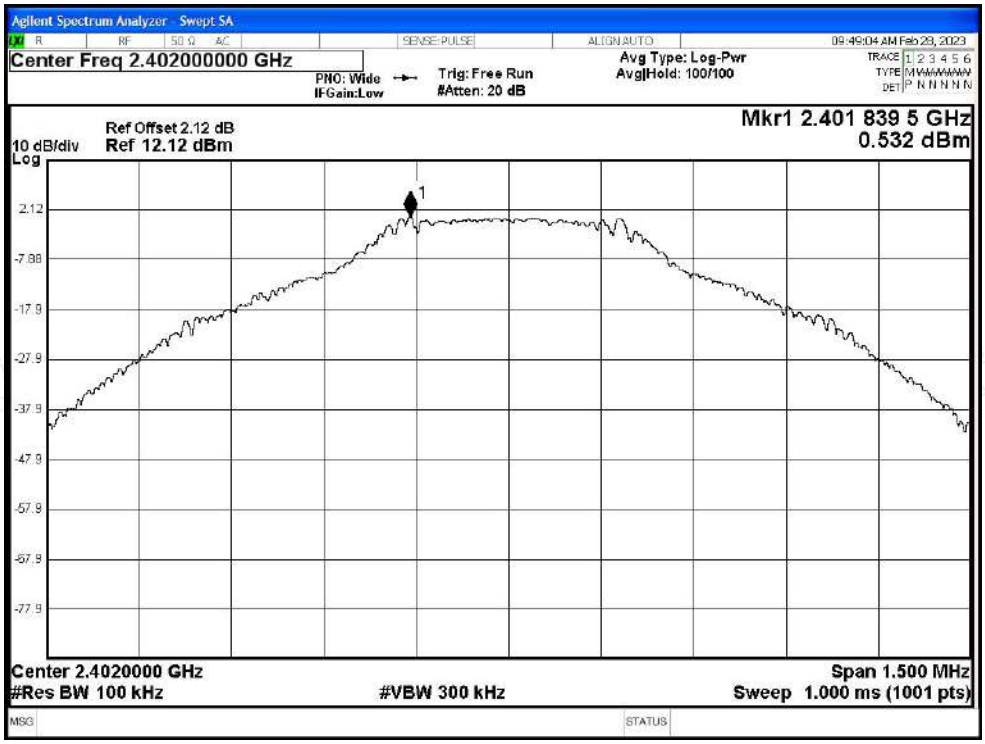
A.7 Conducted RF Spurious Emission

Left

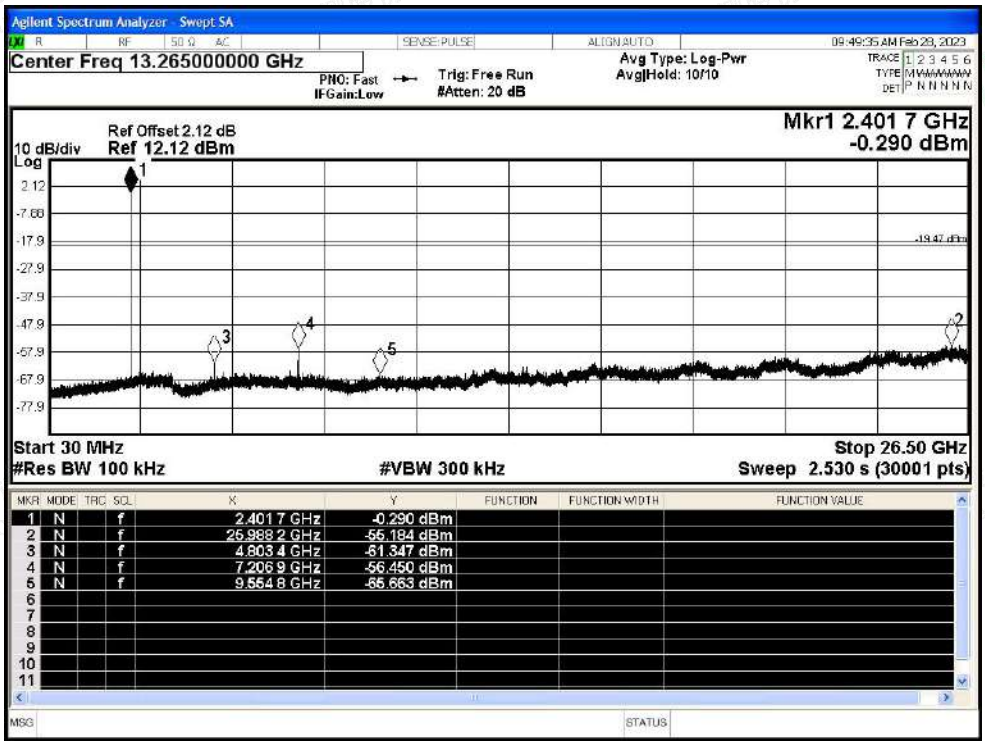
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	-55.72	-20	Pass
NVNT	1-DH5	2441	Ant1	-57.13	-20	Pass
NVNT	1-DH5	2480	Ant1	-57.98	-20	Pass
NVNT	2-DH5	2402	Ant1	-55.06	-20	Pass
NVNT	2-DH5	2441	Ant1	-55.83	-20	Pass
NVNT	2-DH5	2480	Ant1	-58.04	-20	Pass
NVNT	3-DH5	2402	Ant1	-55.78	-20	Pass
NVNT	3-DH5	2441	Ant1	-57.23	-20	Pass
NVNT	3-DH5	2480	Ant1	-57.49	-20	Pass

Test Graphs

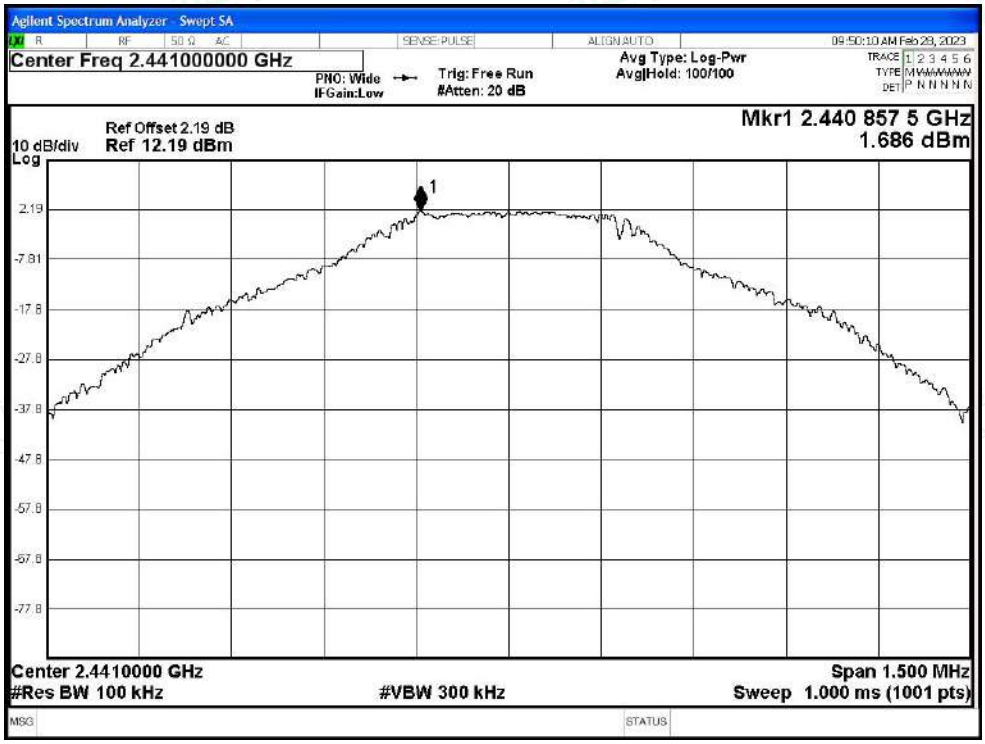
Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Ref



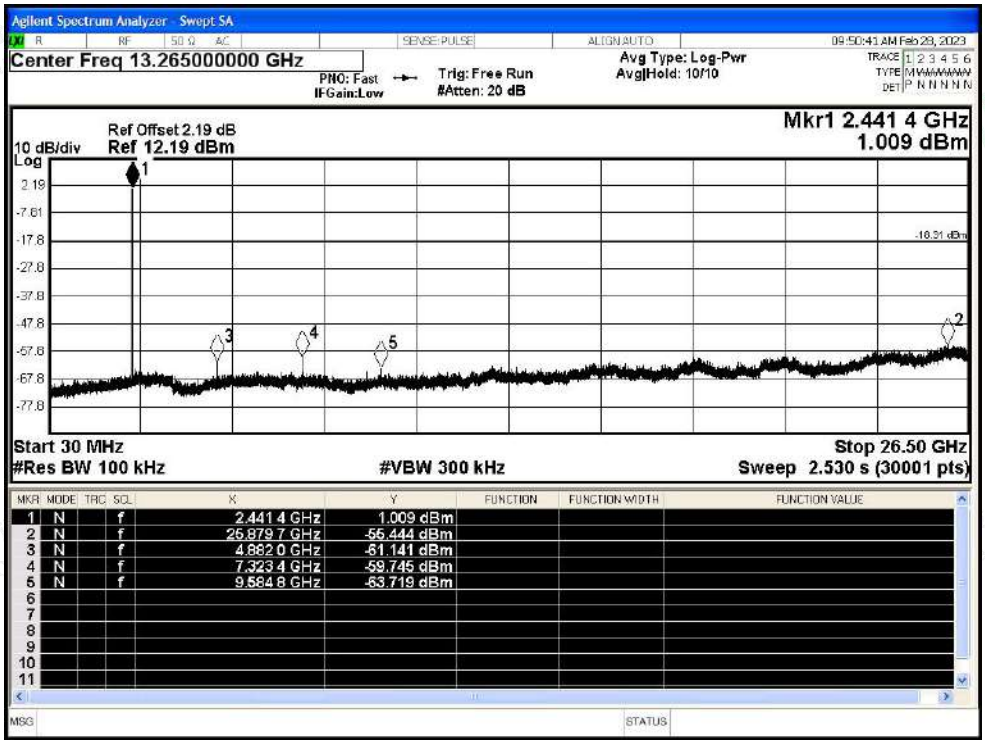
Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Emission



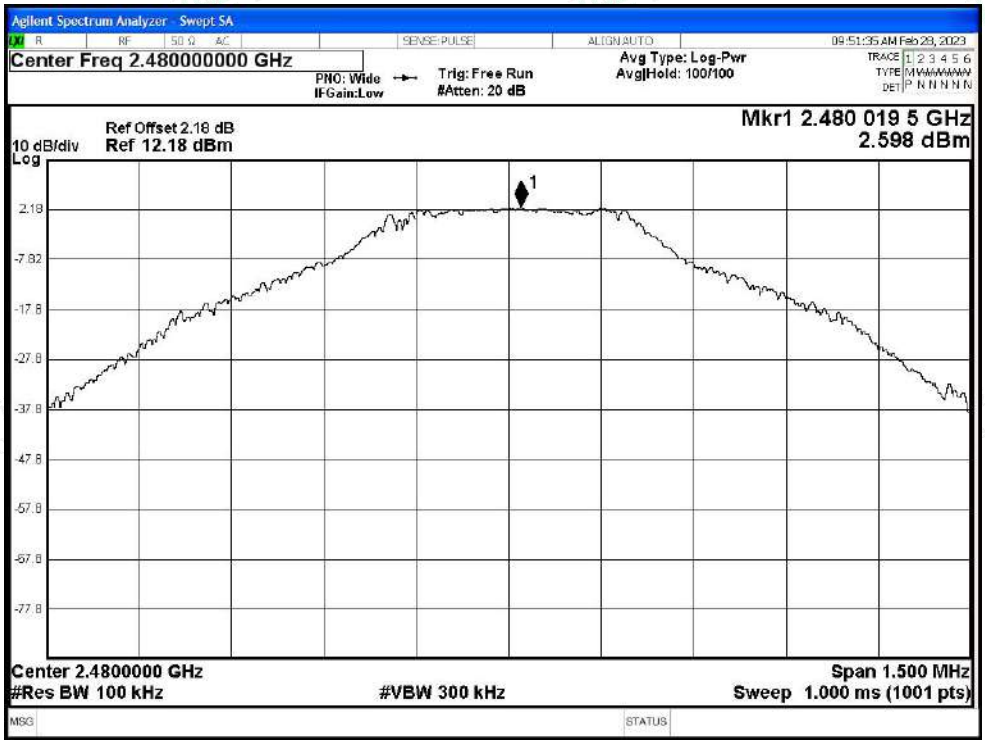
Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Ref



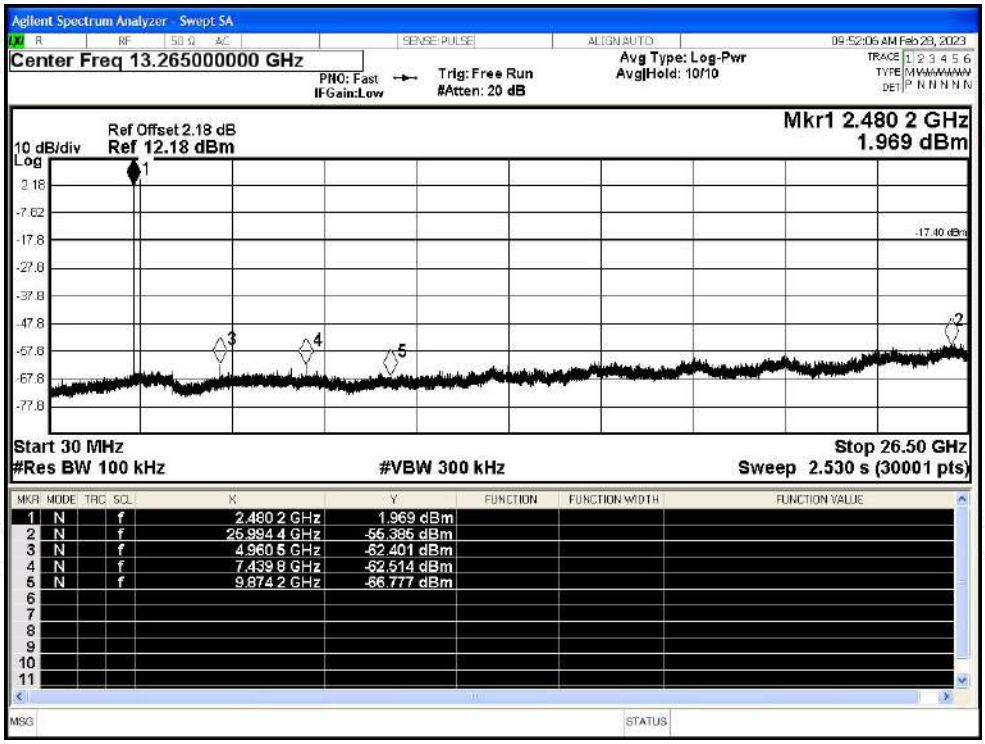
Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Emission



Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Ref



Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Emission



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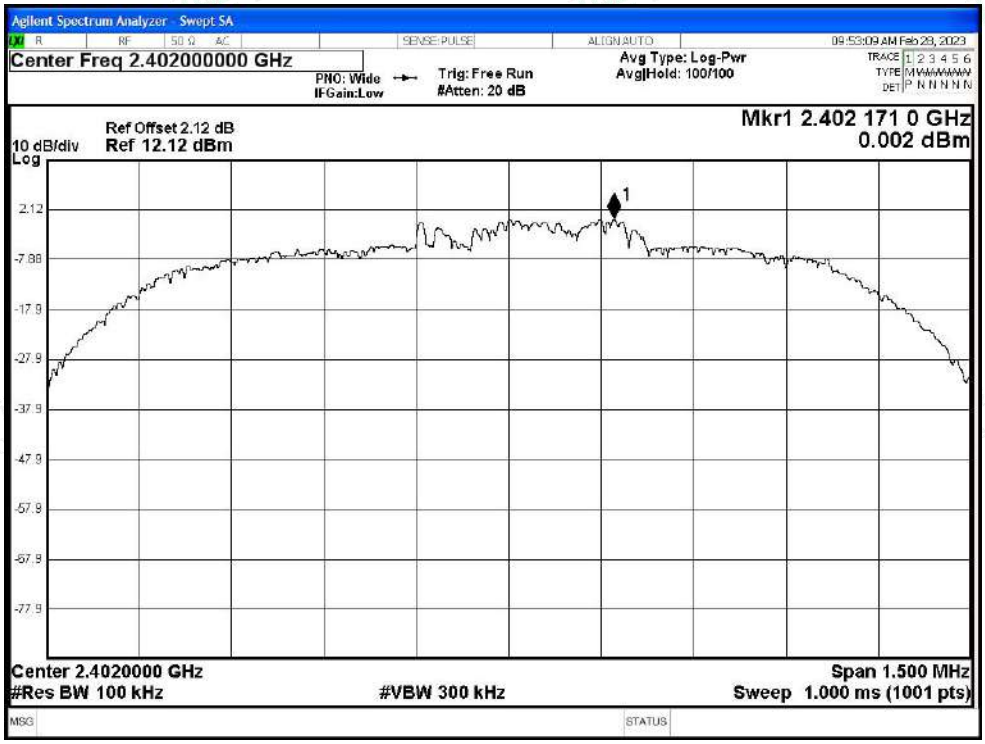
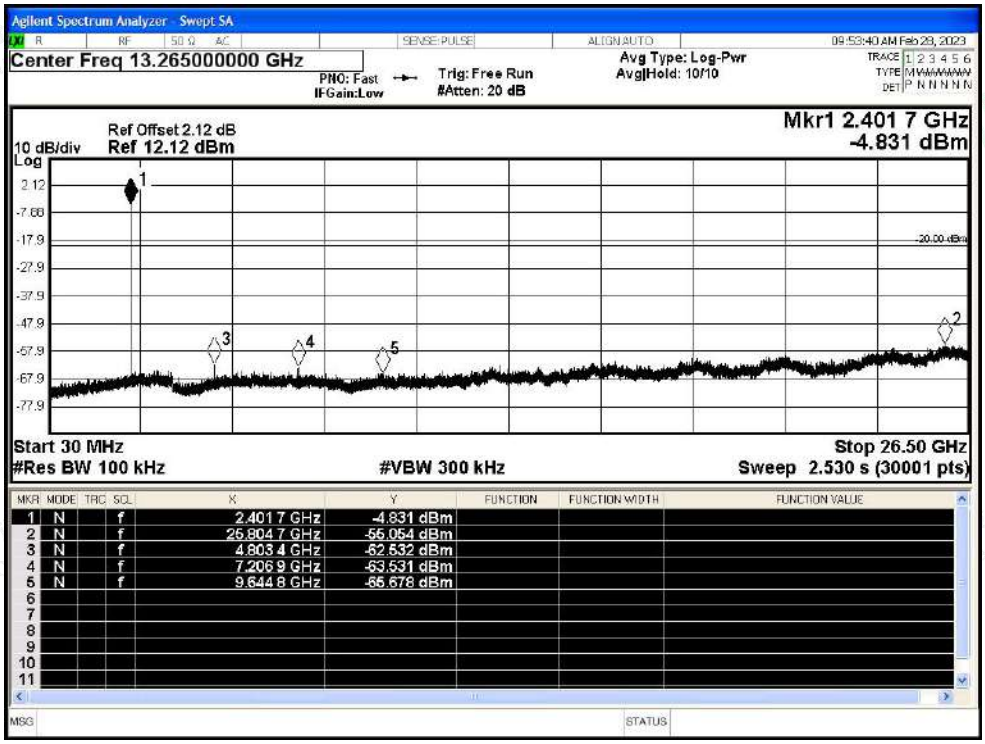
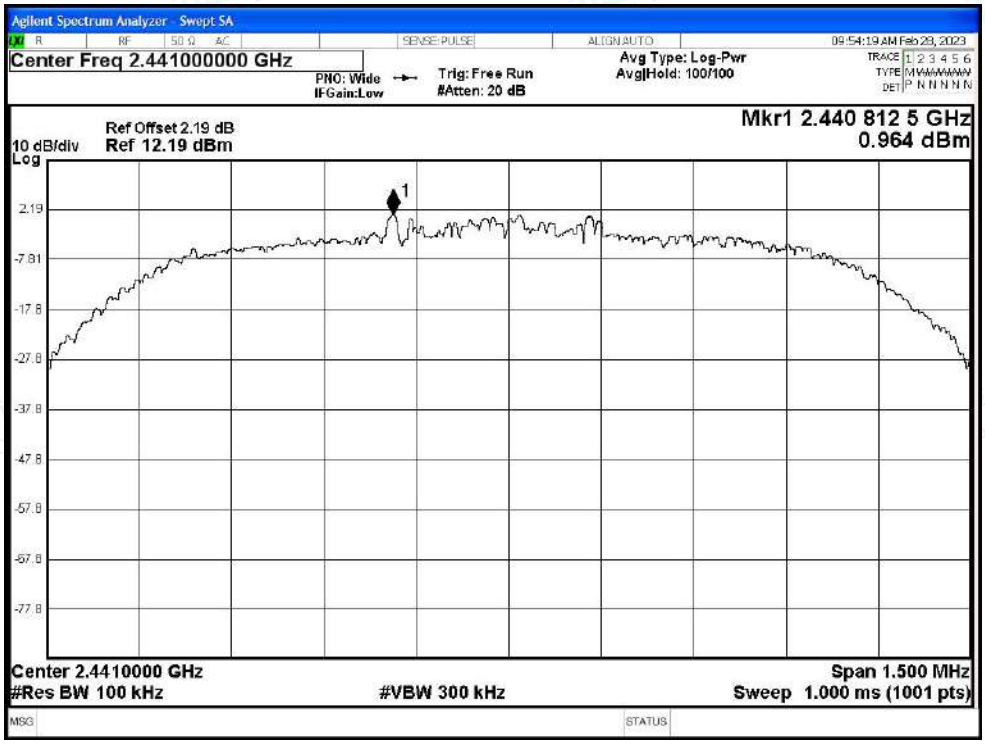


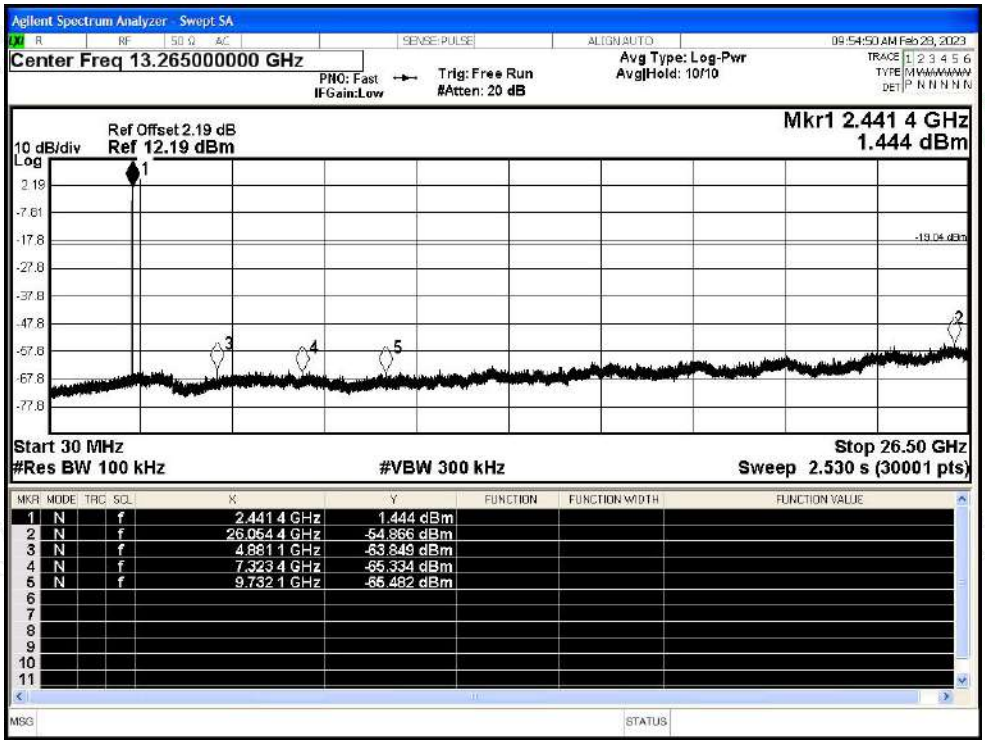
Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Emission



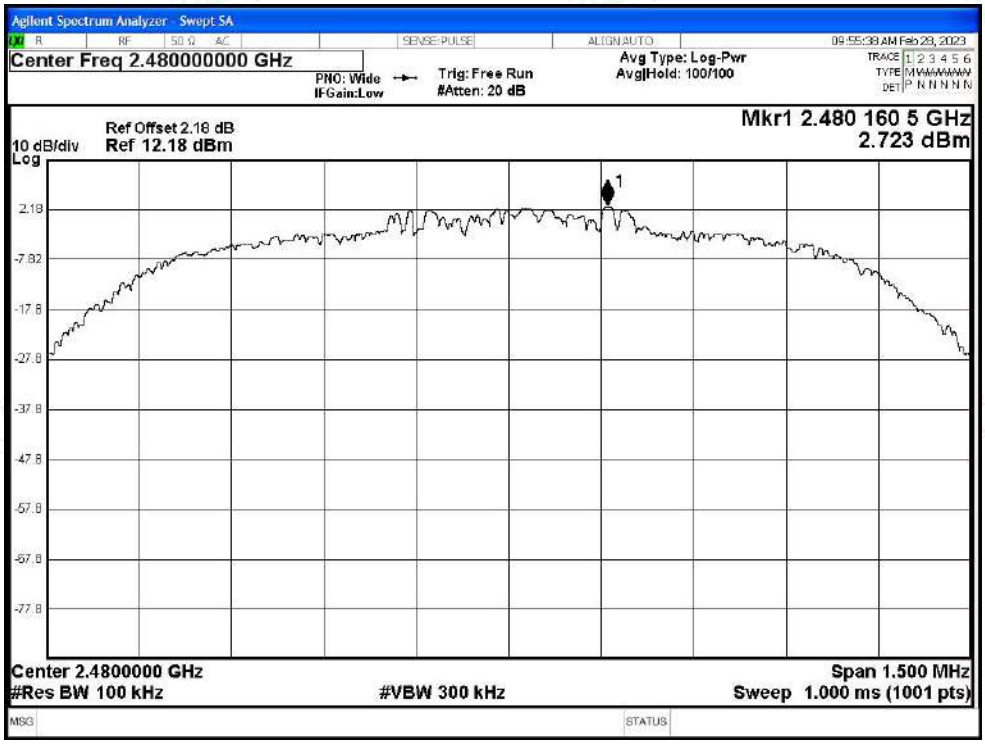
Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Ref



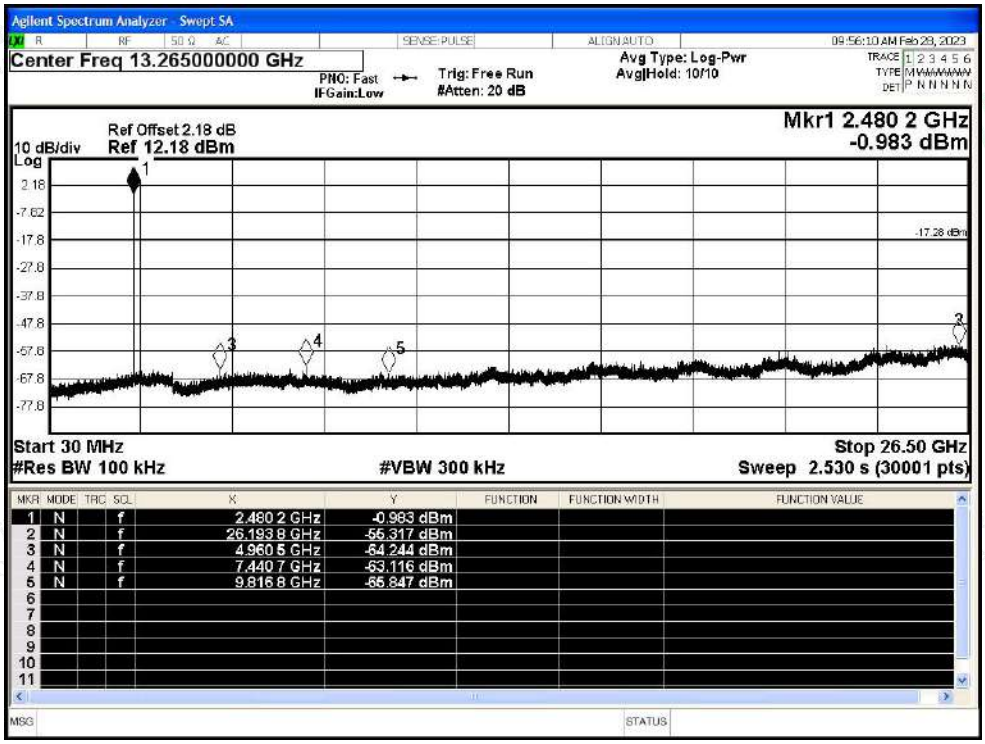
Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Emission



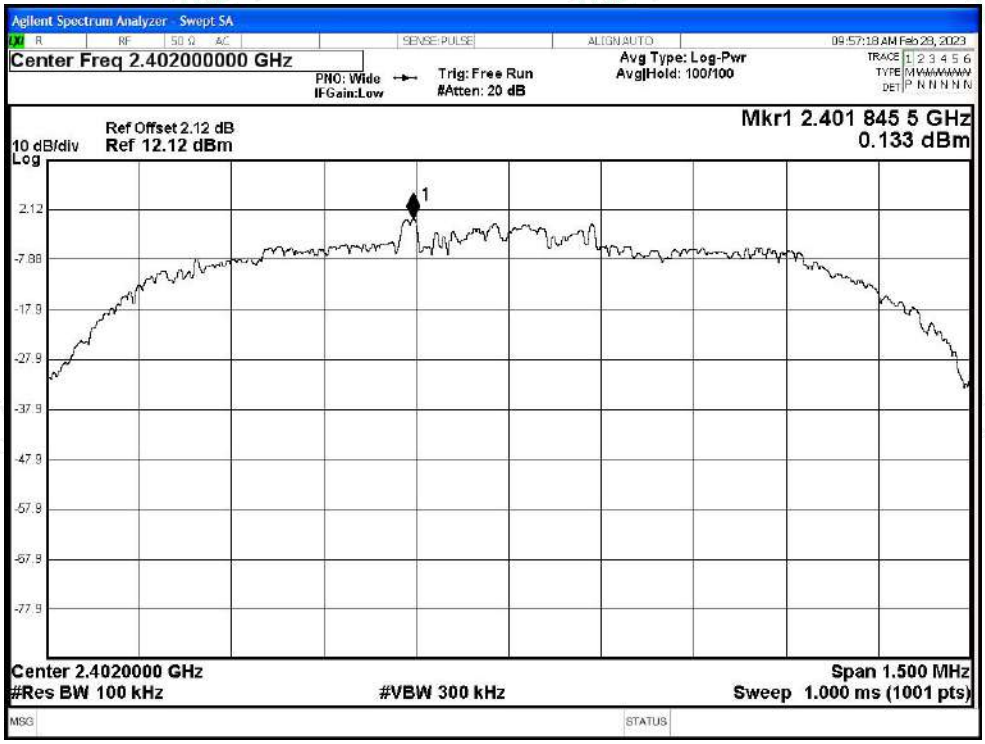
Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Ref



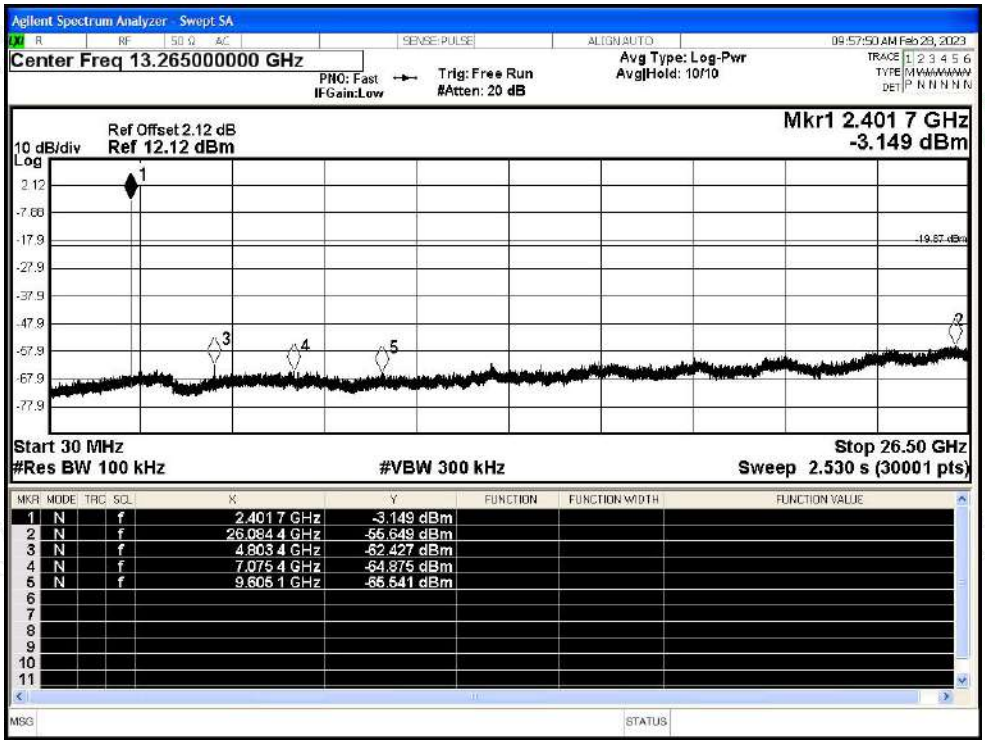
Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Emission



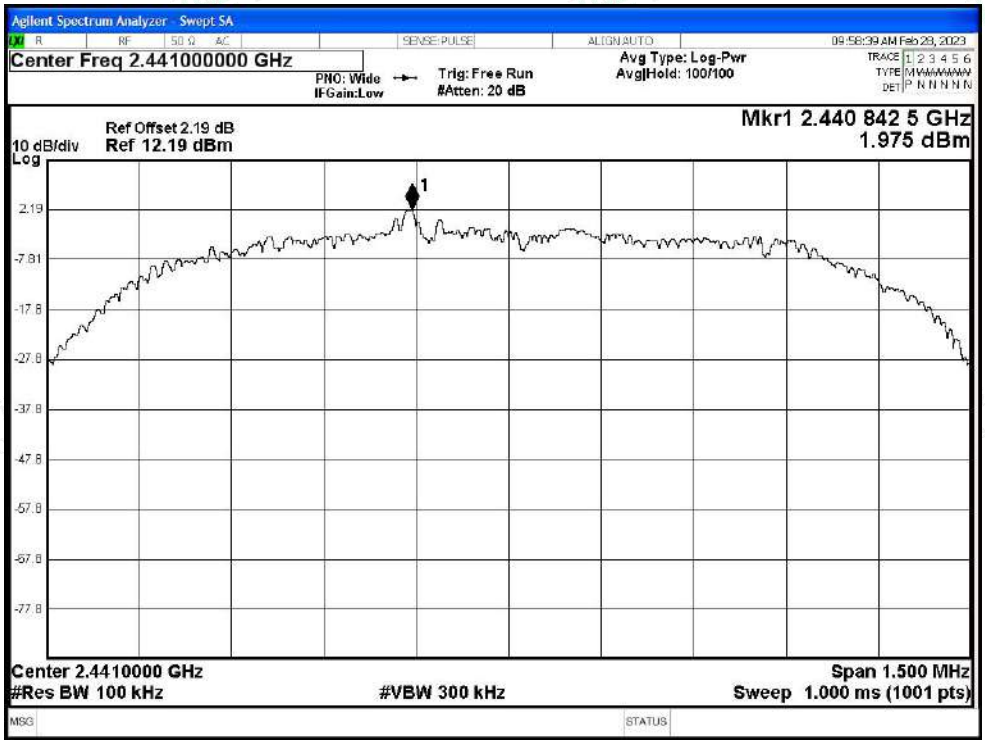
Tx. Spurious NVNT 3-DH5 2402MHz Ant1 Ref



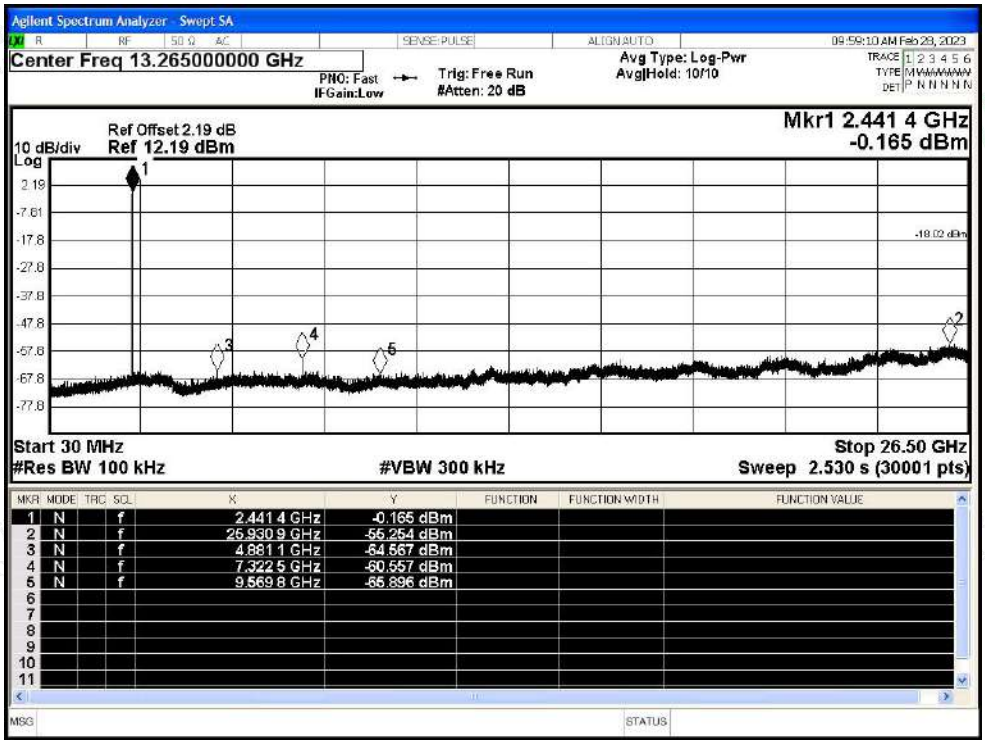
Tx. Spurious NVNT 3-DH5 2402MHz Ant1 Emission



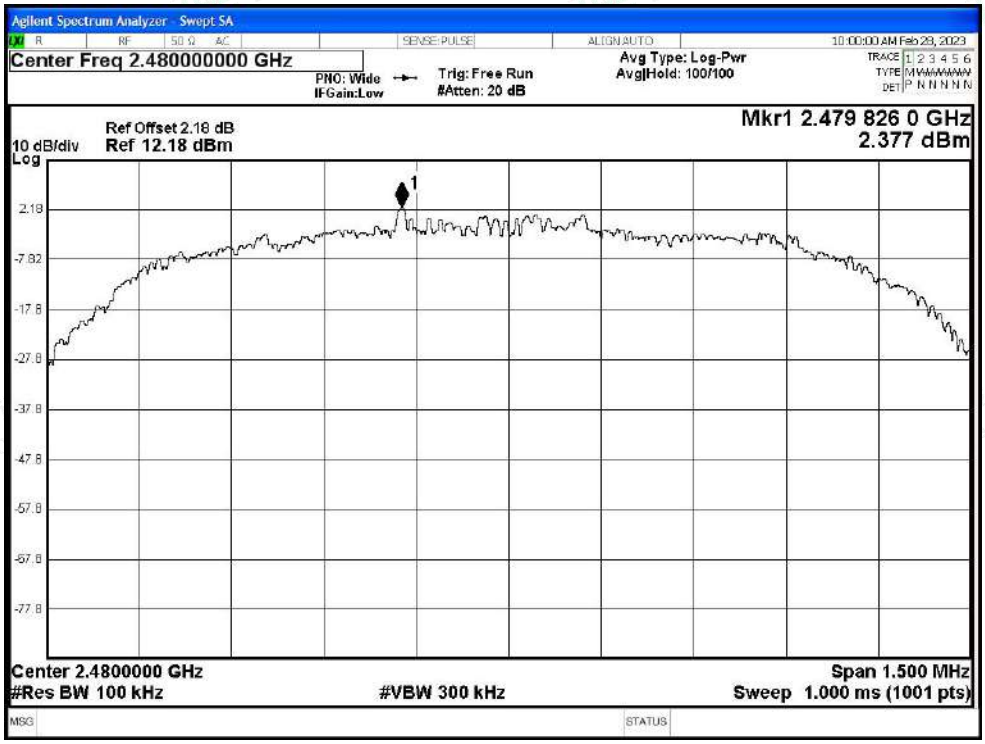
Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Ref



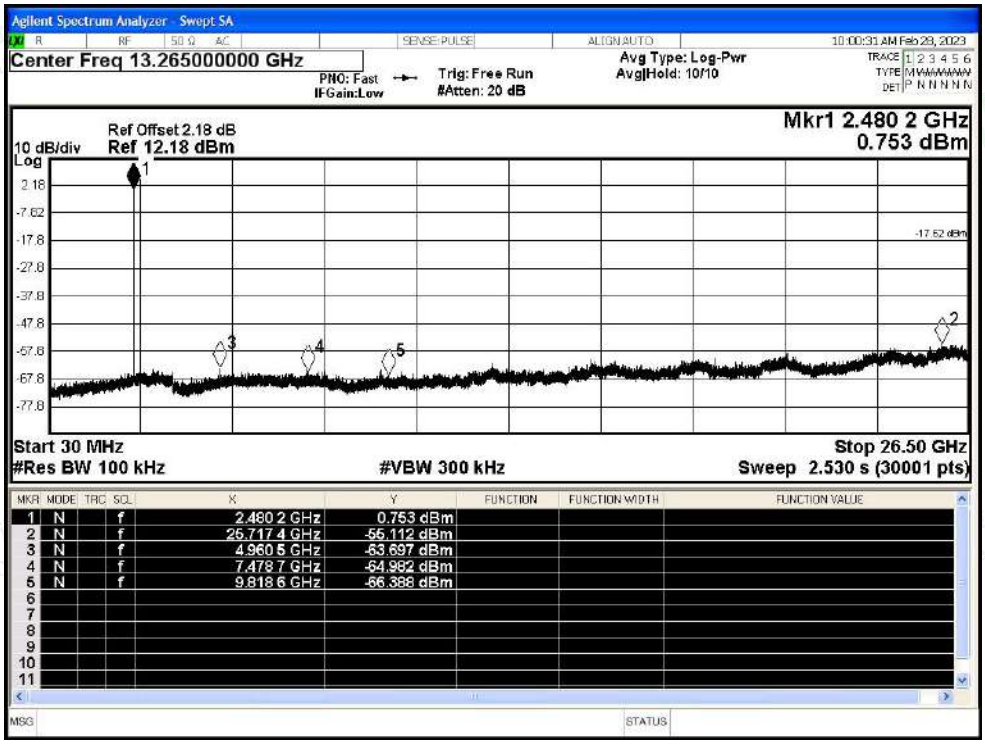
Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Emission



Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Ref



Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Emission

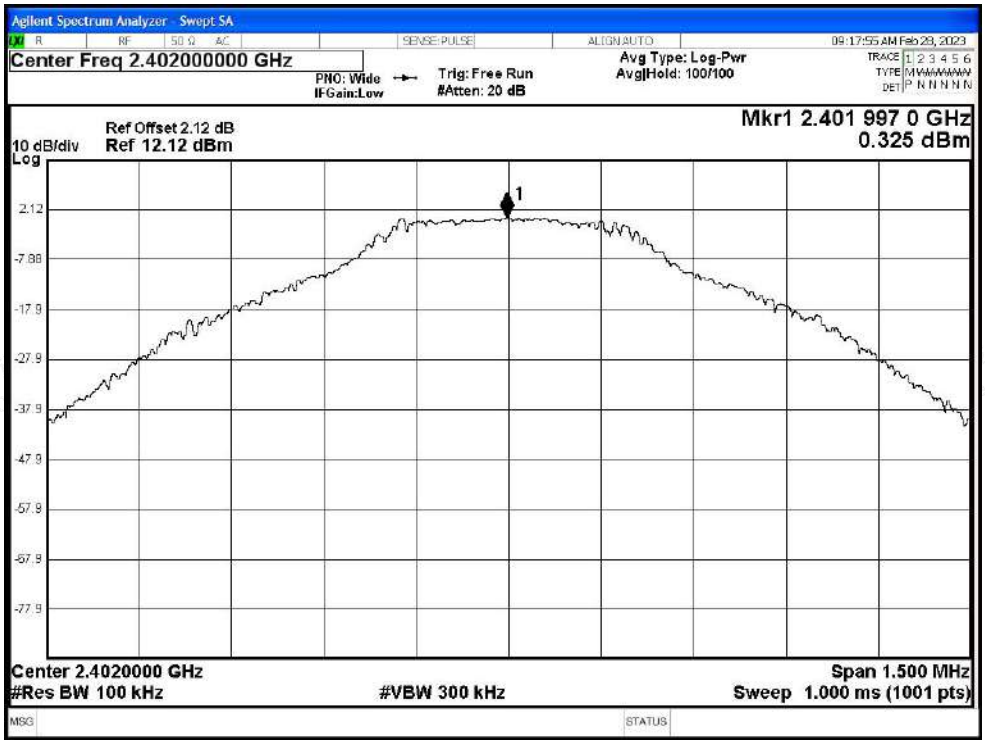


Right

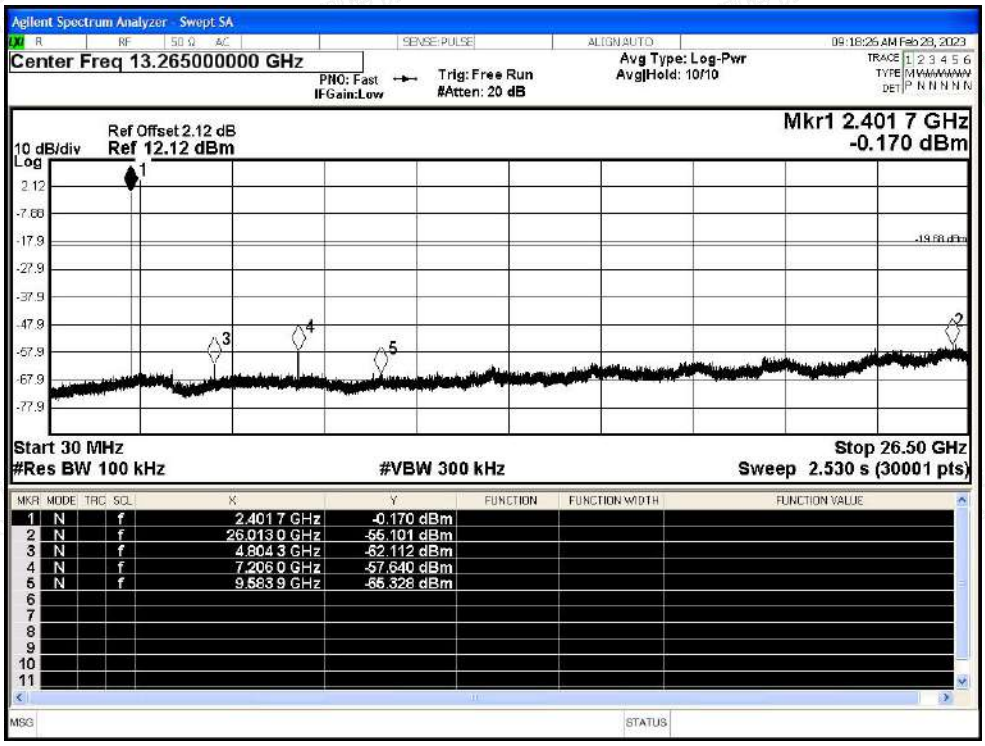
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	-55.43	-20	Pass
NVNT	1-DH5	2441	Ant1	-57.29	-20	Pass
NVNT	1-DH5	2480	Ant1	-57.37	-20	Pass
NVNT	2-DH5	2402	Ant1	-55.07	-20	Pass
NVNT	2-DH5	2441	Ant1	-56.34	-20	Pass
NVNT	2-DH5	2480	Ant1	-57.77	-20	Pass
NVNT	3-DH5	2402	Ant1	-54.58	-20	Pass
NVNT	3-DH5	2441	Ant1	-55.62	-20	Pass
NVNT	3-DH5	2480	Ant1	-57.82	-20	Pass

Test Graphs

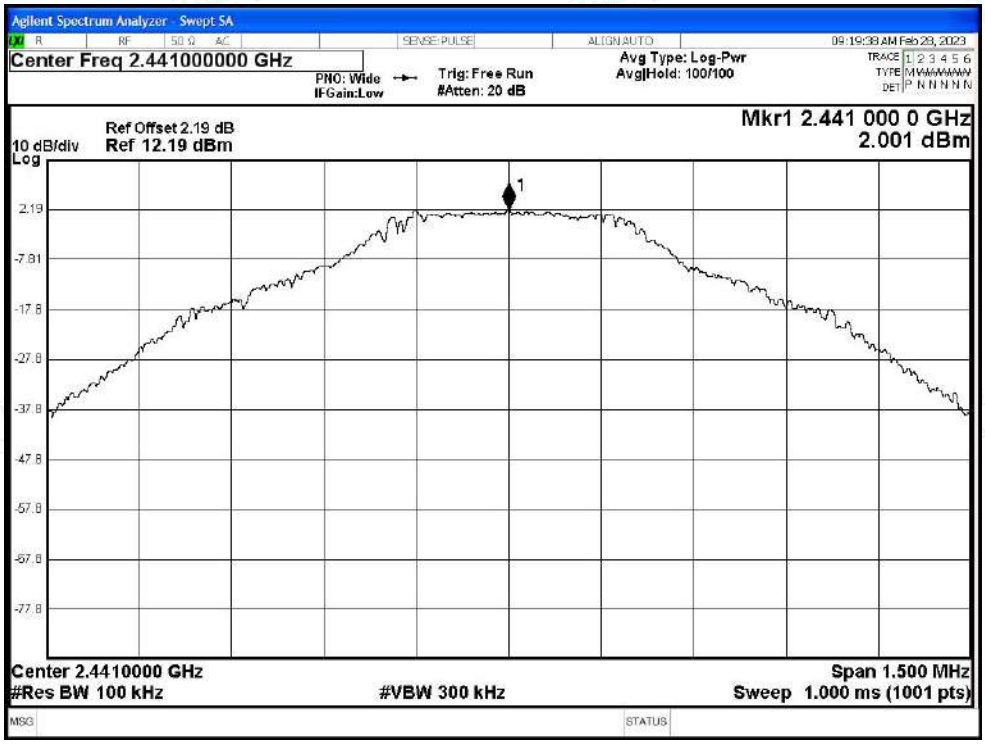
Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Ref



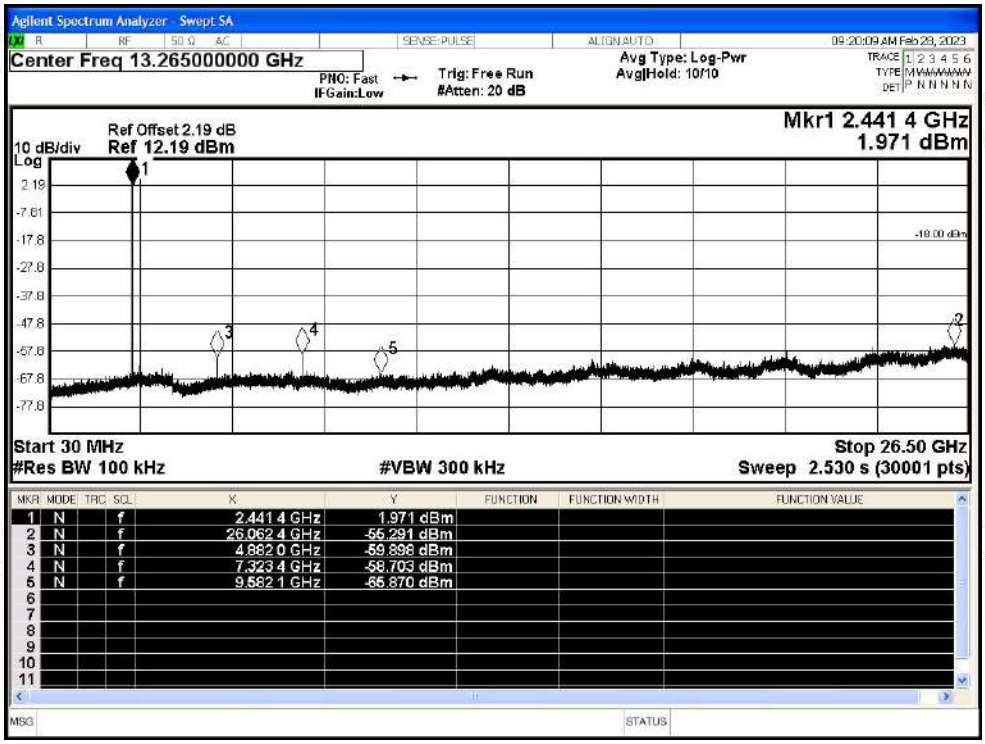
Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Emission



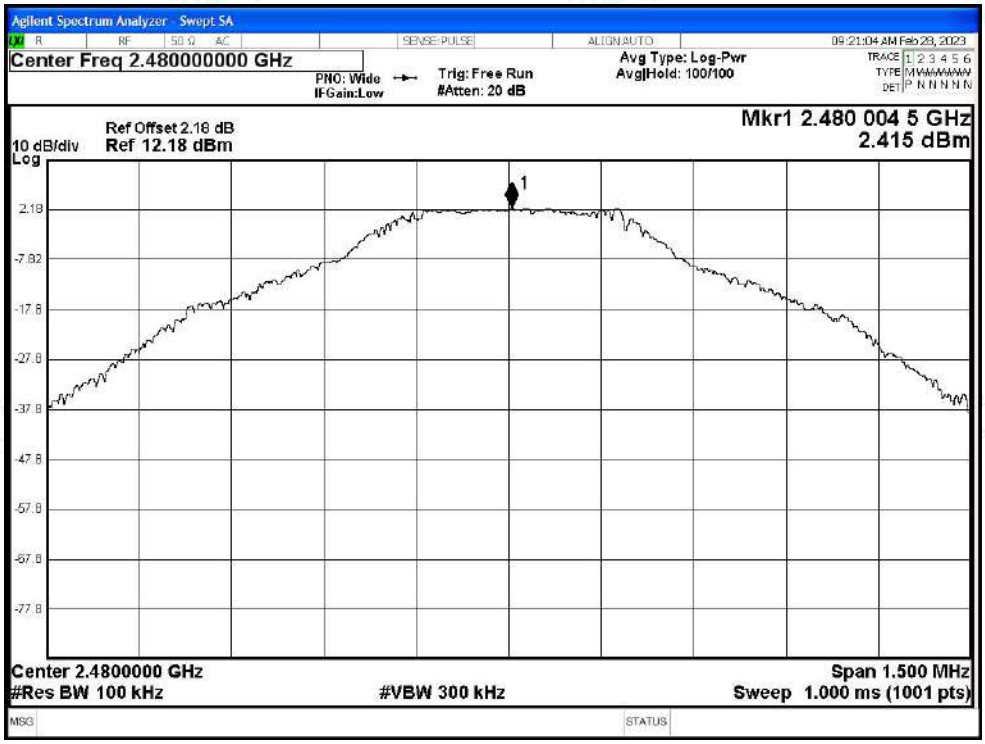
Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Ref



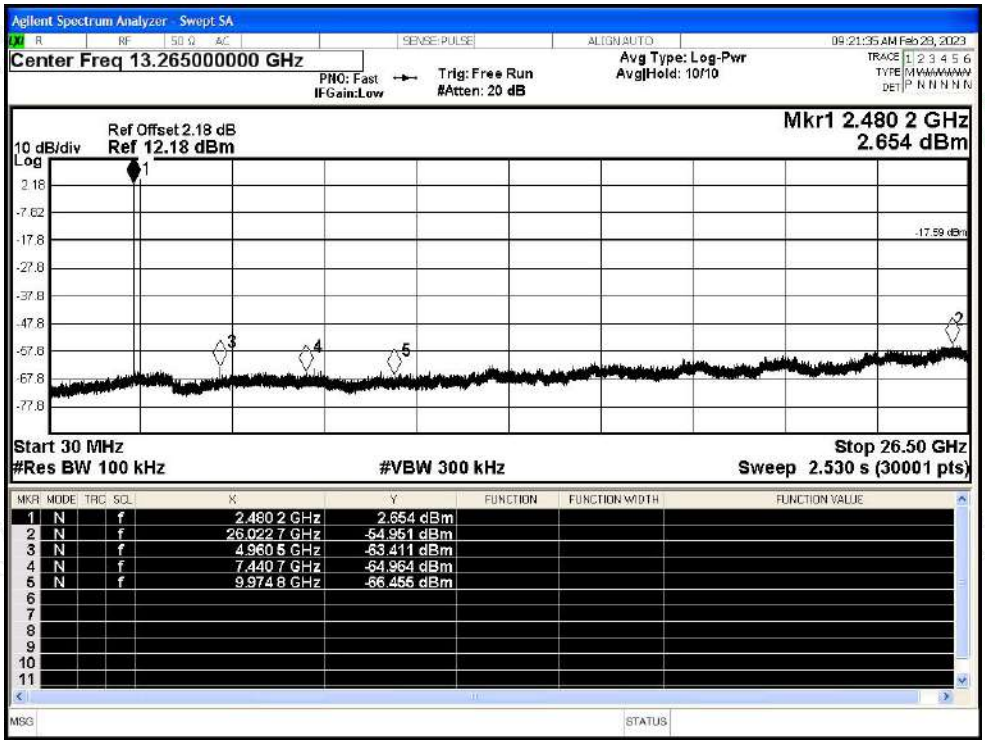
Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Emission



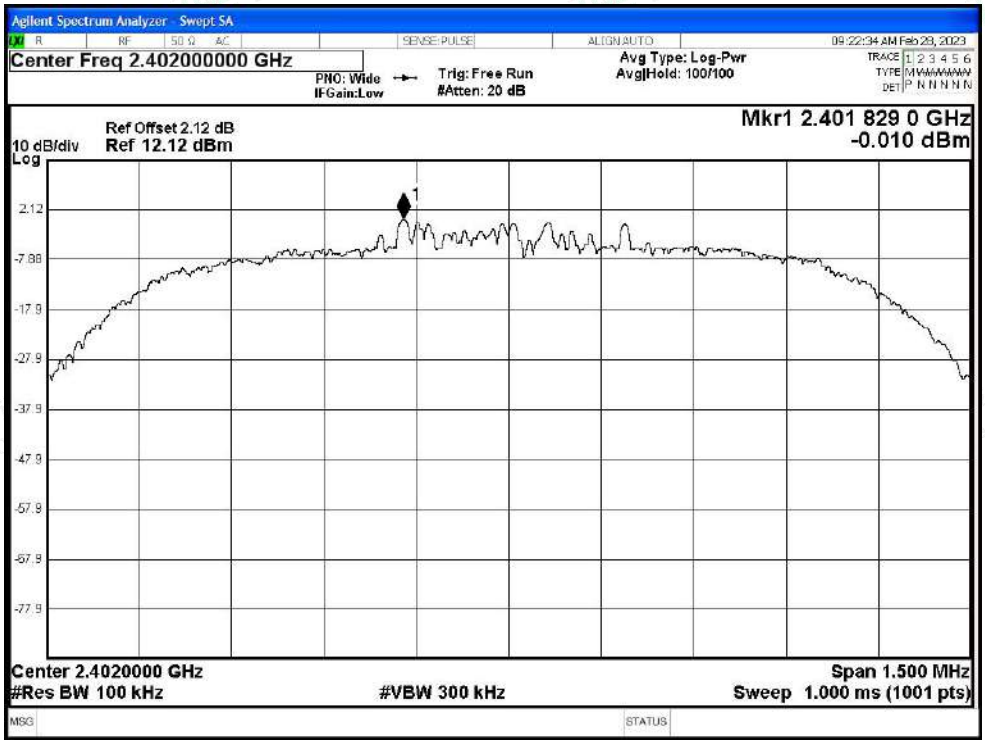
Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Ref



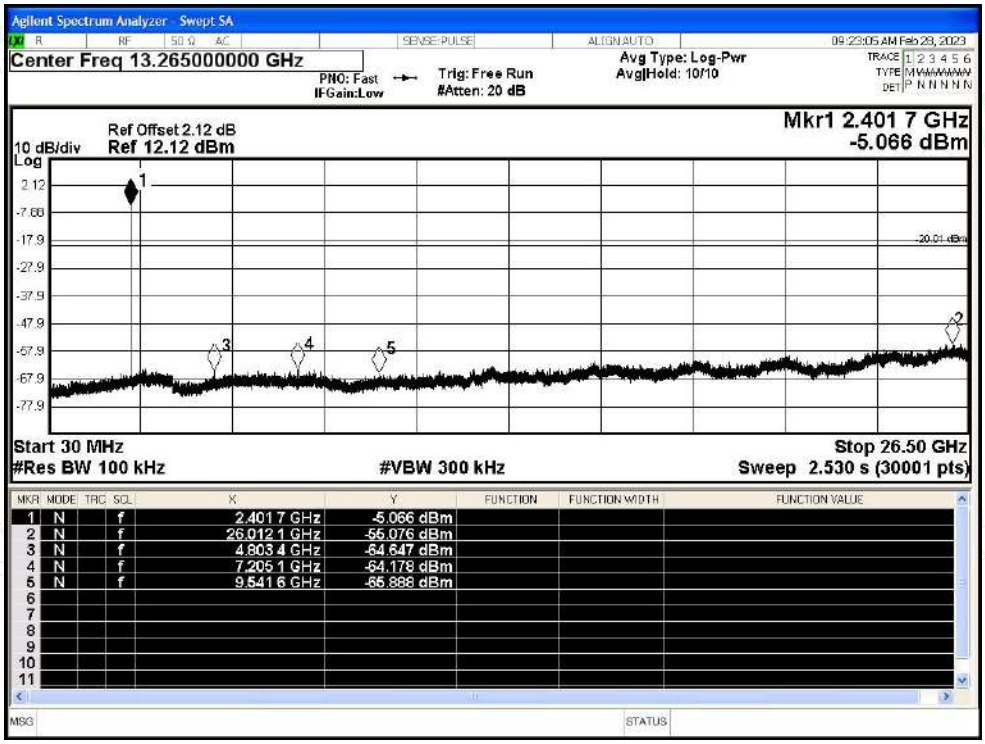
Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Emission



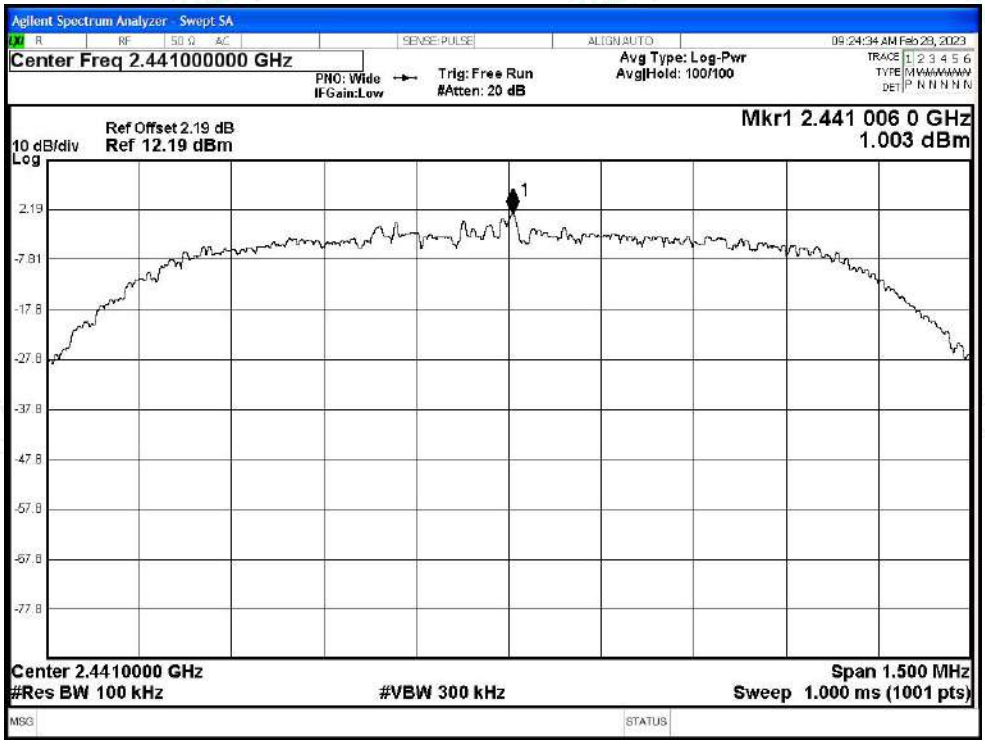
Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Ref



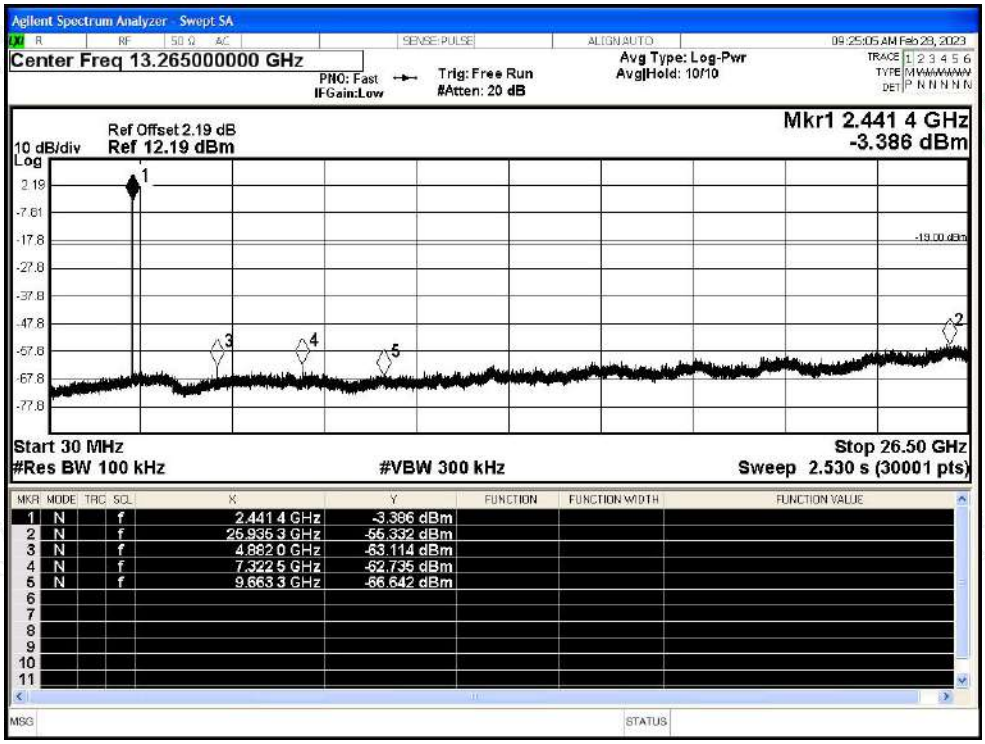
Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Emission



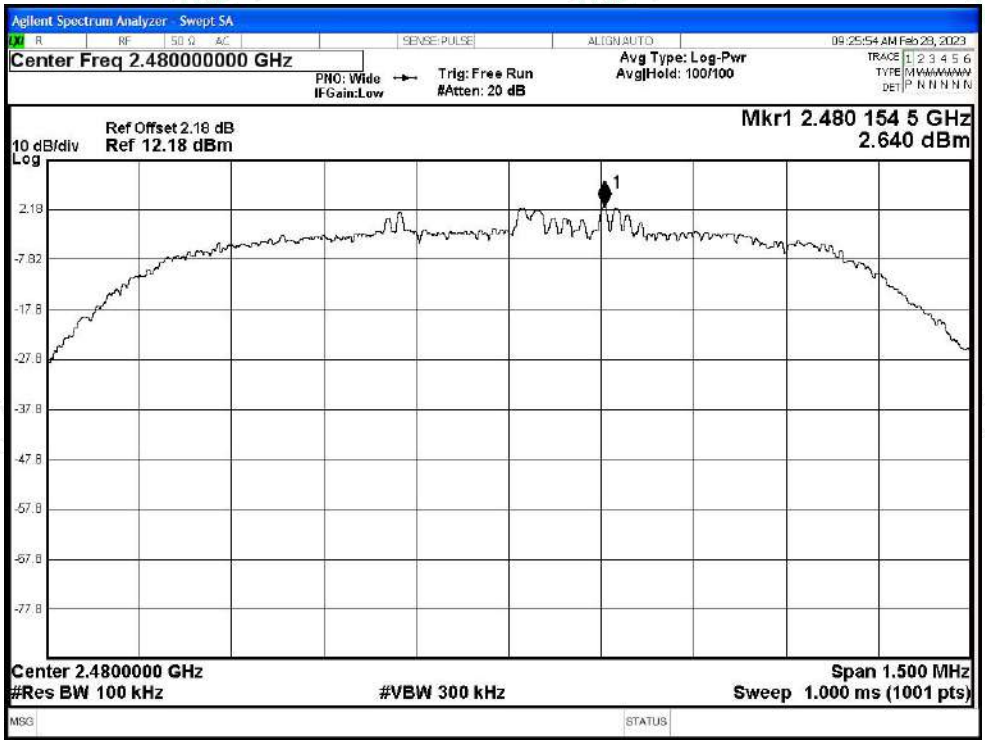
Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Ref



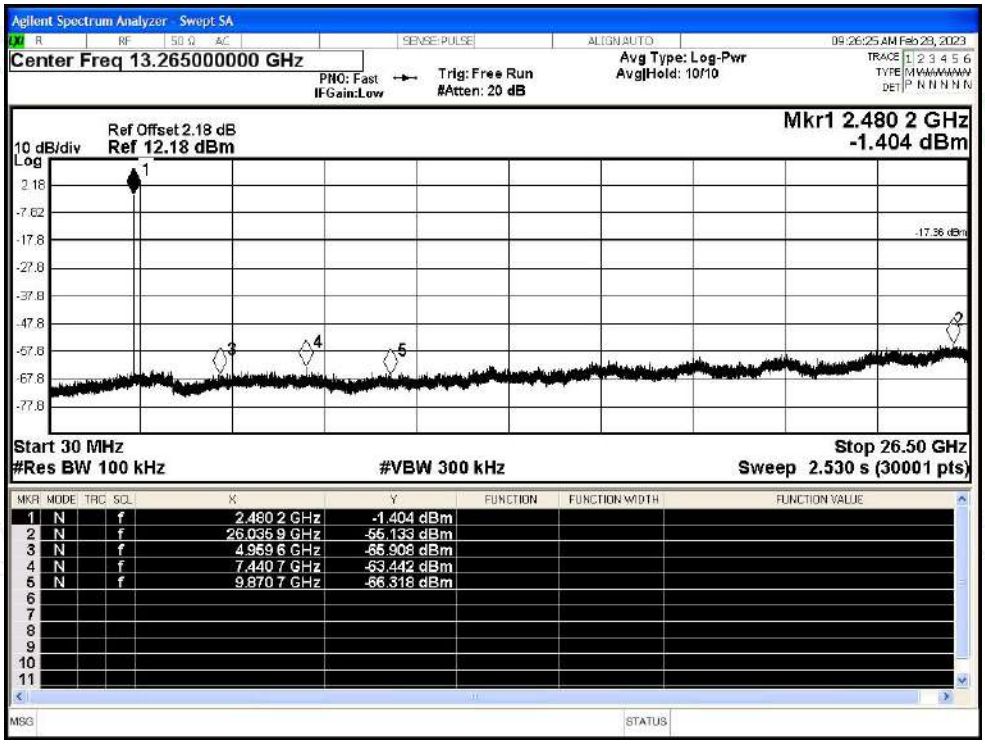
Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Emission



Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Ref



Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Emission



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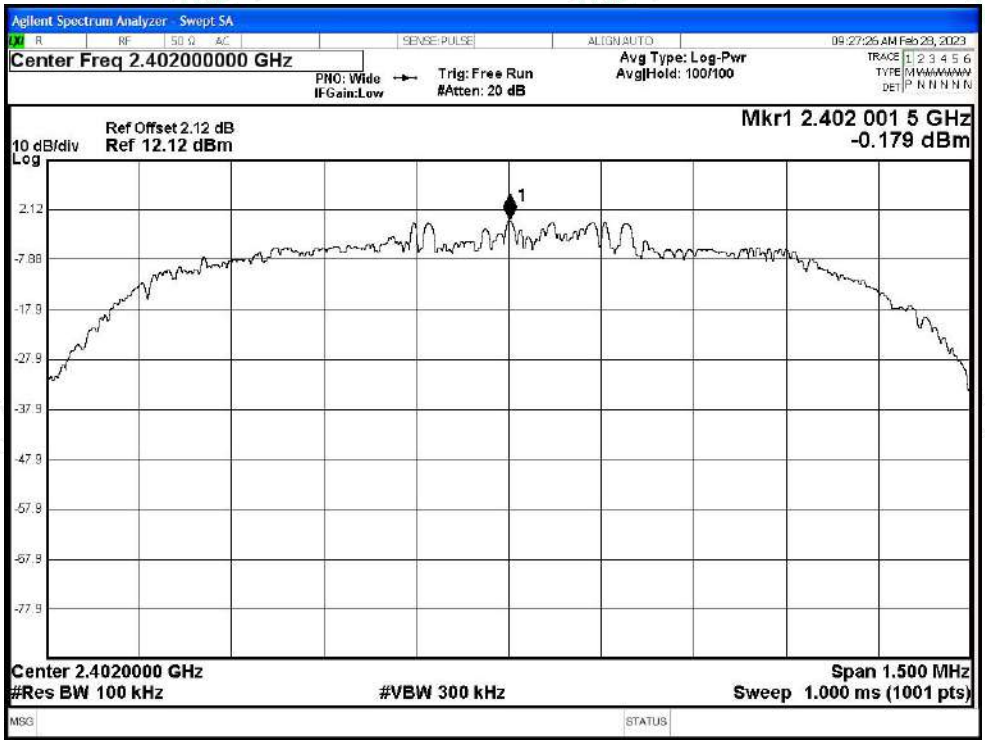
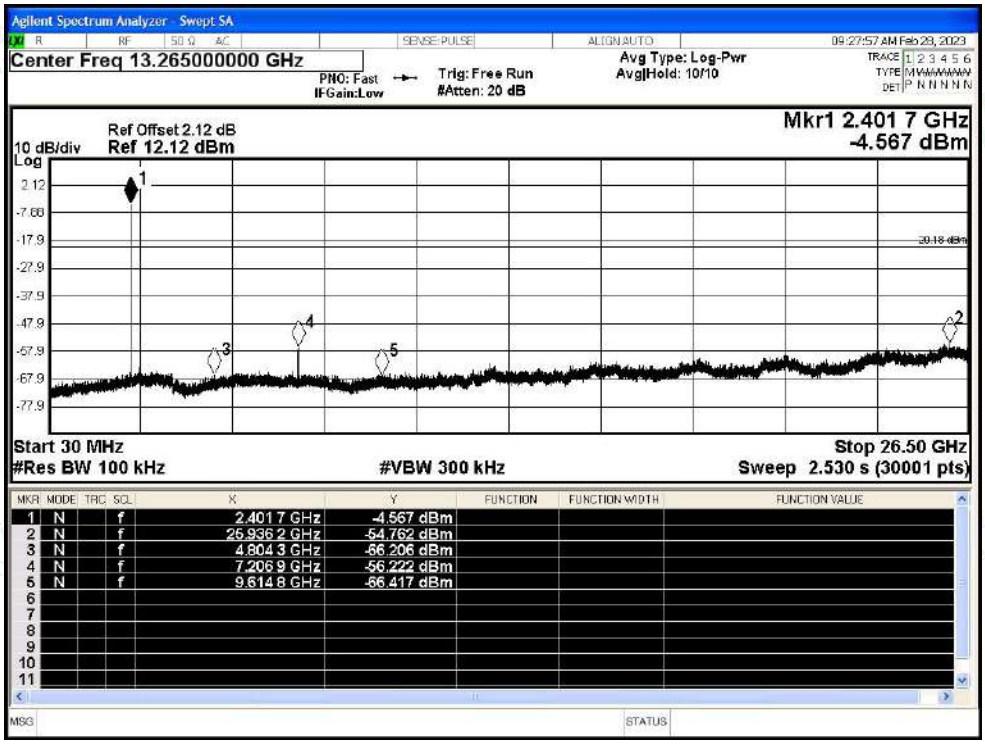
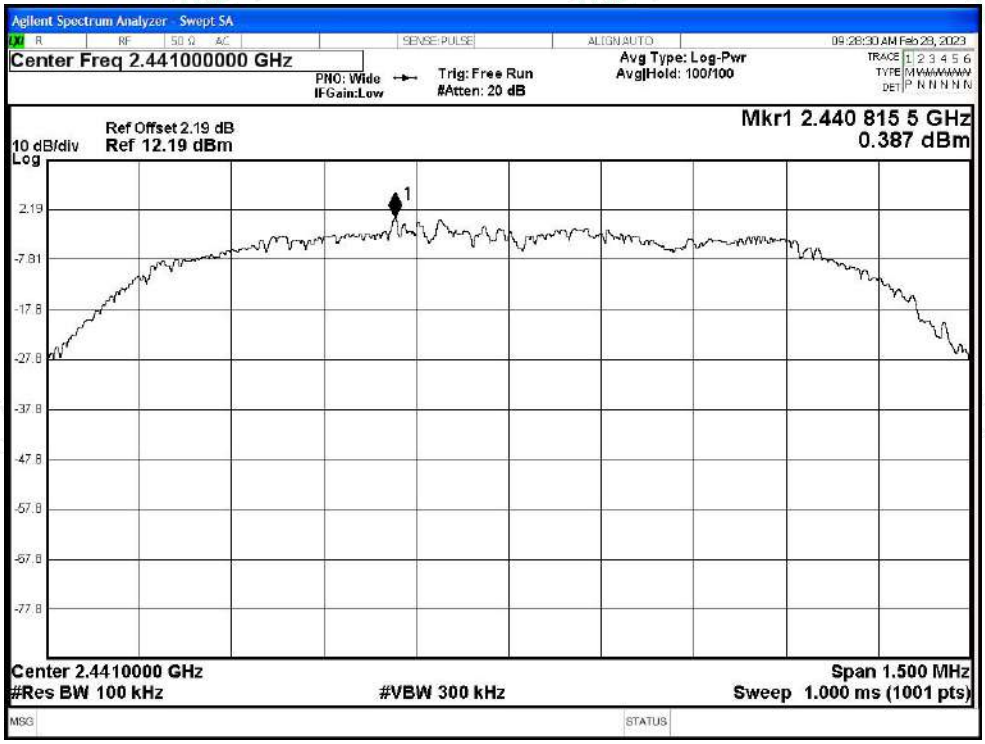


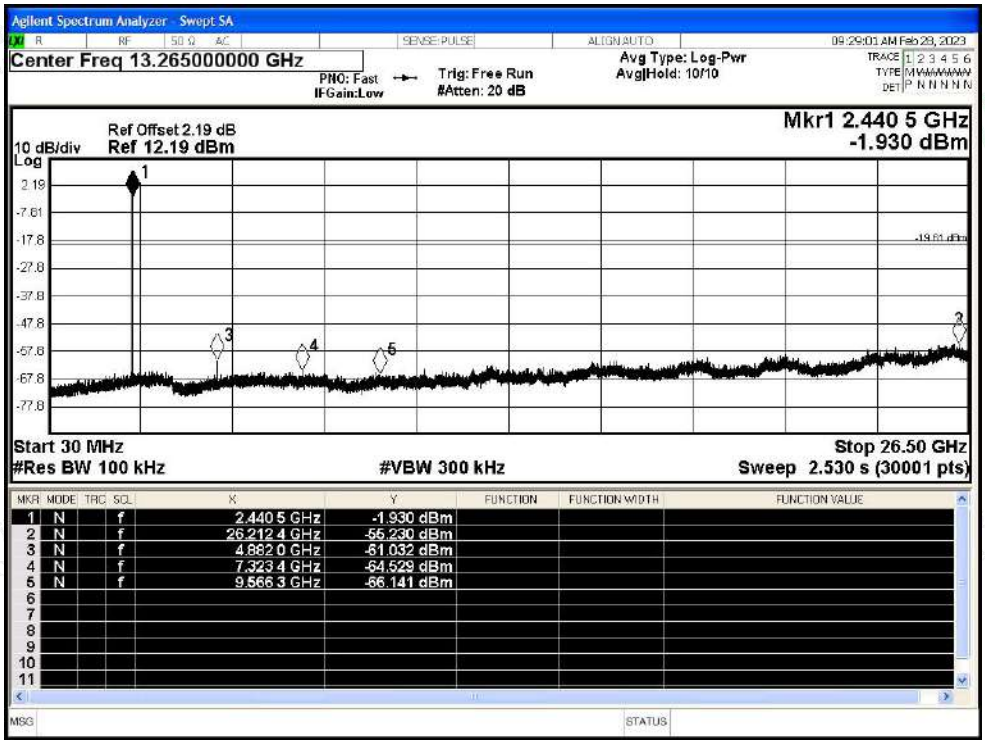
Tx. Spurious NVNT 3-DH5 2402MHz Ant1 Emission



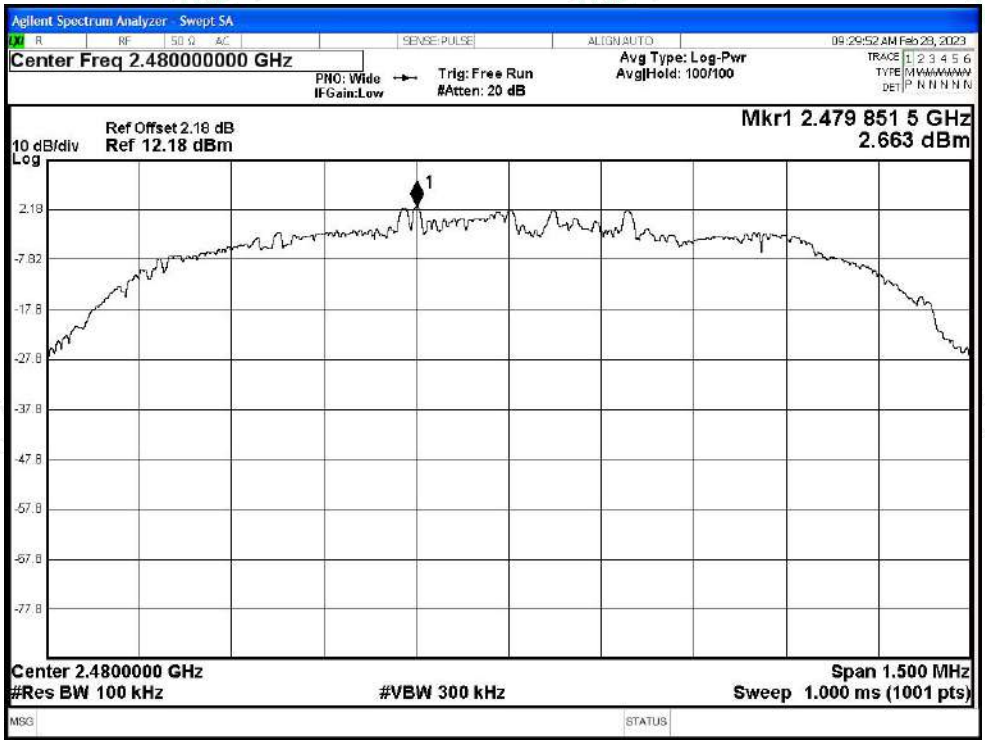
Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Ref



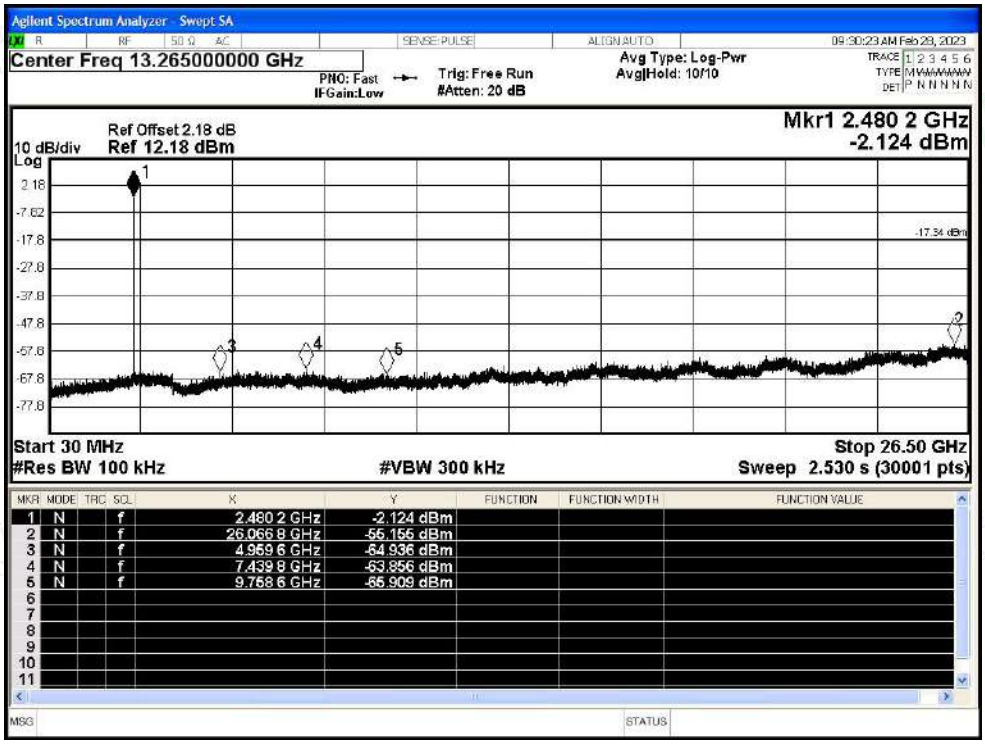
Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Emission



Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Ref



Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Emission



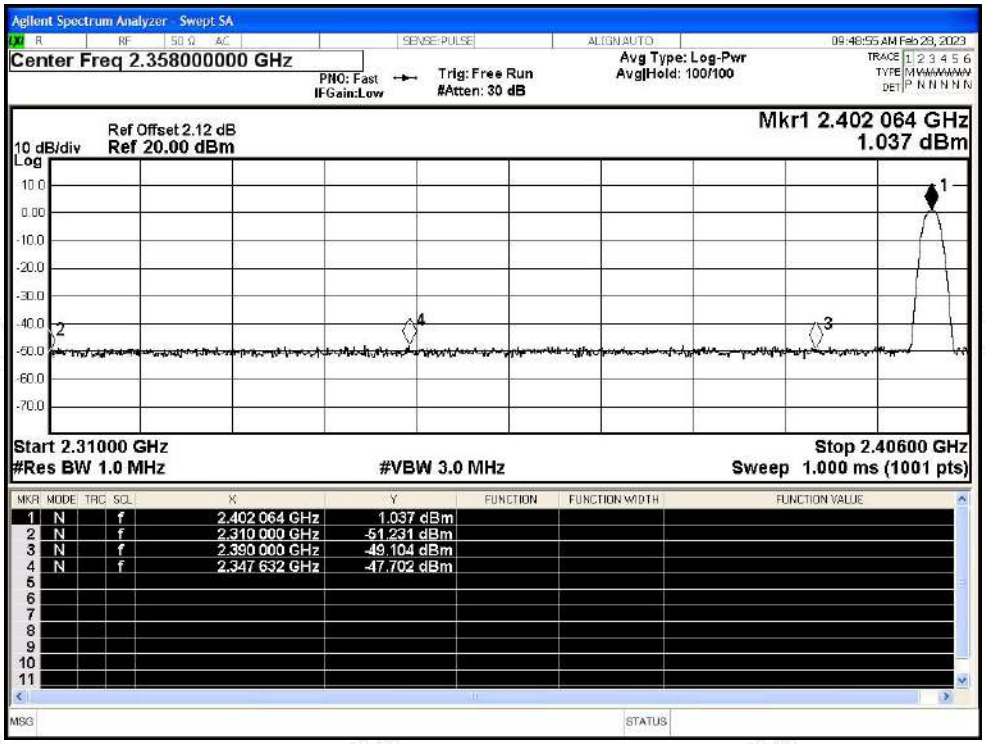
A.8 Restrict Band

Left

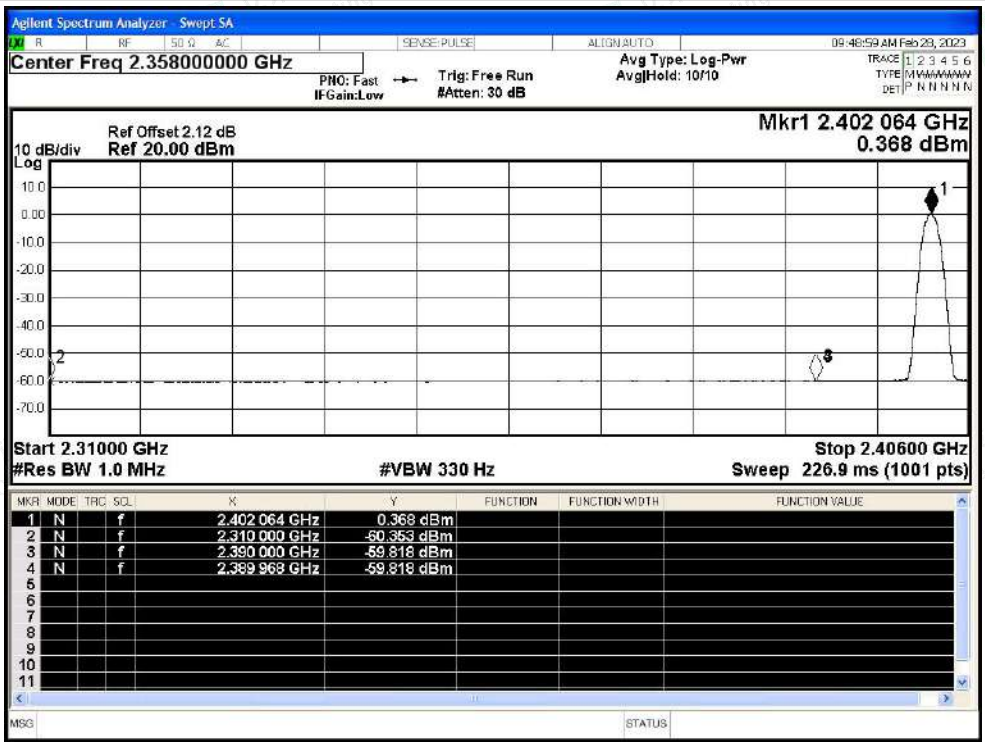
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
NVNT	1-DH5	2402	Ant1	No-Hopping	2310	-51.23	2	46.03	Peak	74	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2310	-60.35	2	36.91	Average	54	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2347.632	-47.7	2	49.56	Peak	74	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2389.968	-59.82	2	37.44	Average	54	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2390	-49.1	2	48.16	Peak	74	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2390	-59.82	2	37.44	Average	54	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2483.5	-51.26	2	46	Peak	74	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2483.5	-59.48	2	37.78	Average	54	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2492.92	-46.58	2	50.68	Peak	74	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2484.04	-59.12	2	38.14	Average	54	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2500	-48.75	2	48.51	Peak	74	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2500	-59.53	2	37.73	Average	54	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2310	-50.91	2	46.35	Peak	74	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2310	-60.39	2	36.87	Average	54	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2380.08	-47.28	2	49.98	Peak	74	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2387.952	-59.75	2	37.51	Average	54	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2390	-50.57	2	46.69	Peak	74	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2390	-60	2	37.26	Average	54	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2483.5	-48.47	2	48.79	Peak	74	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2483.5	-58.59	2	38.67	Average	54	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2492.752	-47.22	2	50.04	Peak	74	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2483.512	-58.59	2	38.67	Average	54	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2500	-50.75	2	46.51	Peak	74	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2500	-59.62	2	37.64	Average	54	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2310	-50.79	2	46.47	Peak	74	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2310	-60.34	2	36.92	Average	54	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2368.176	-47.17	2	50.09	Peak	74	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2388.24	-59.81	2	37.45	Average	54	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2390	-49.97	2	47.29	Peak	74	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2390	-59.91	2	37.35	Average	54	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2483.5	-48.88	2	48.38	Peak	74	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2483.5	-58.85	2	38.41	Average	54	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2486.896	-47.2	2	50.06	Peak	74	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2483.512	-58.85	2	38.41	Average	54	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2500	-48.89	2	48.37	Peak	74	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2500	-59.46	2	37.8	Average	54	Pass

Test Graphs

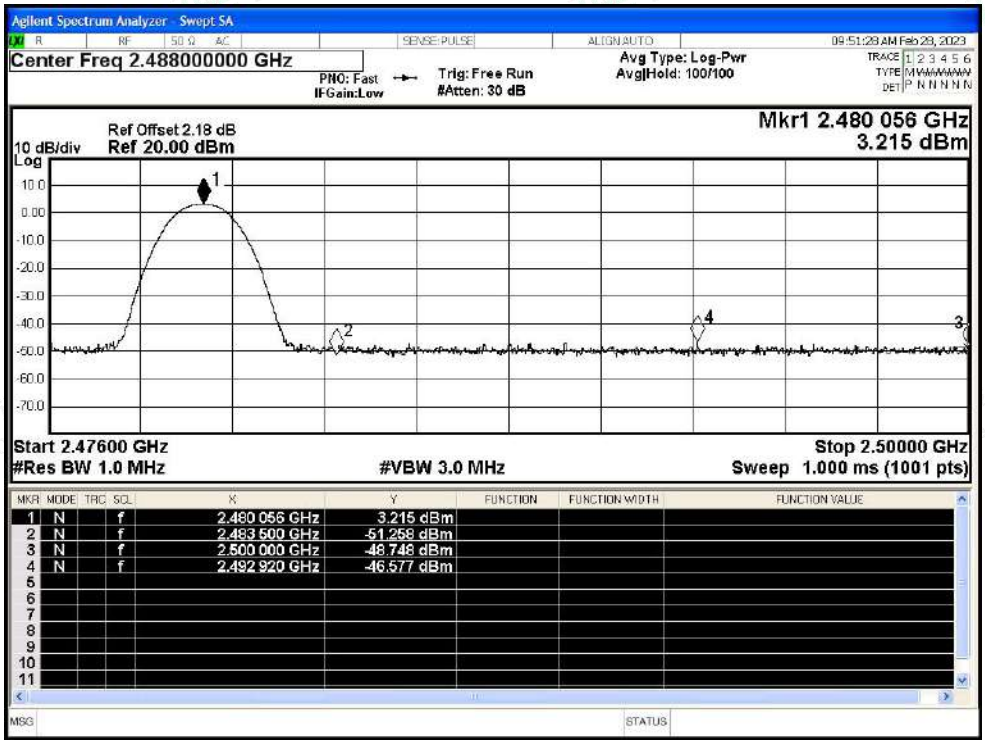
Restrict Band NVNT 1-DH5 2402MHz Ant1 No-Hopping Peak



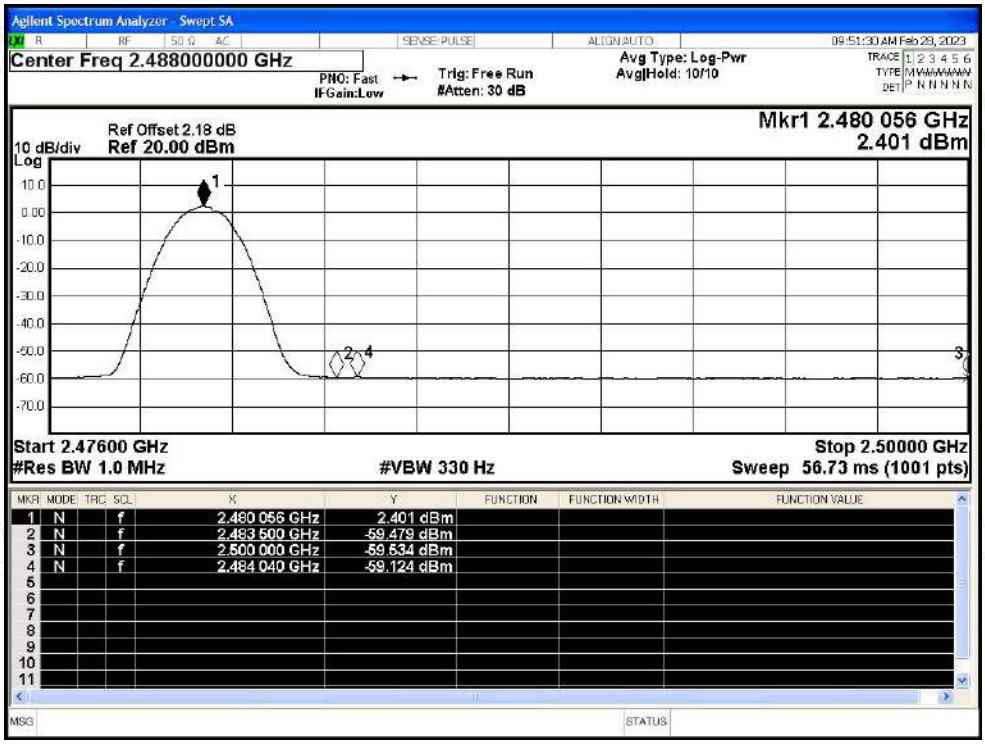
Restrict Band NVNT 1-DH5 2402MHz Ant1 No-Hopping Average



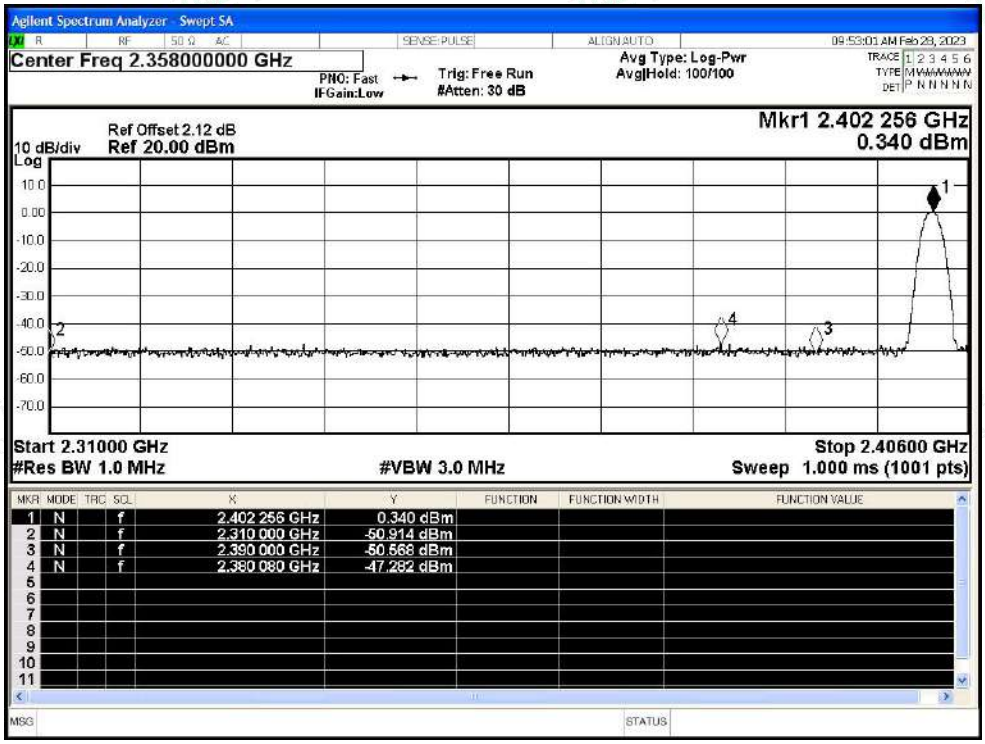
Restrict Band NVNT 1-DH5 2480MHz Ant1 No-Hopping Peak



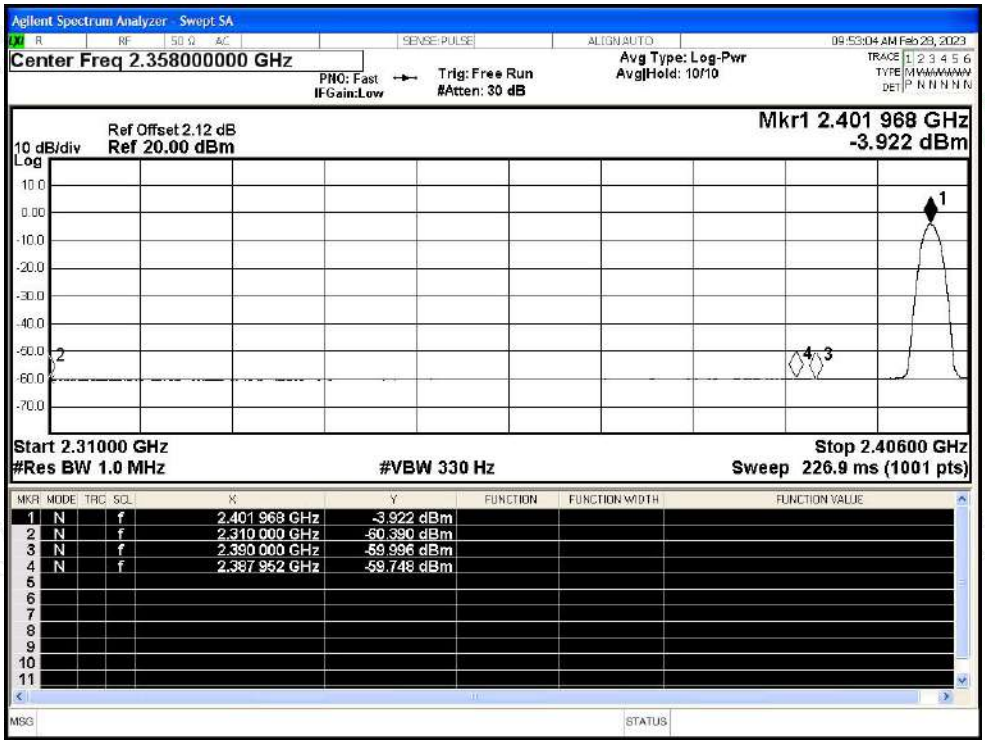
Restrict Band NVNT 1-DH5 2480MHz Ant1 No-Hopping Average



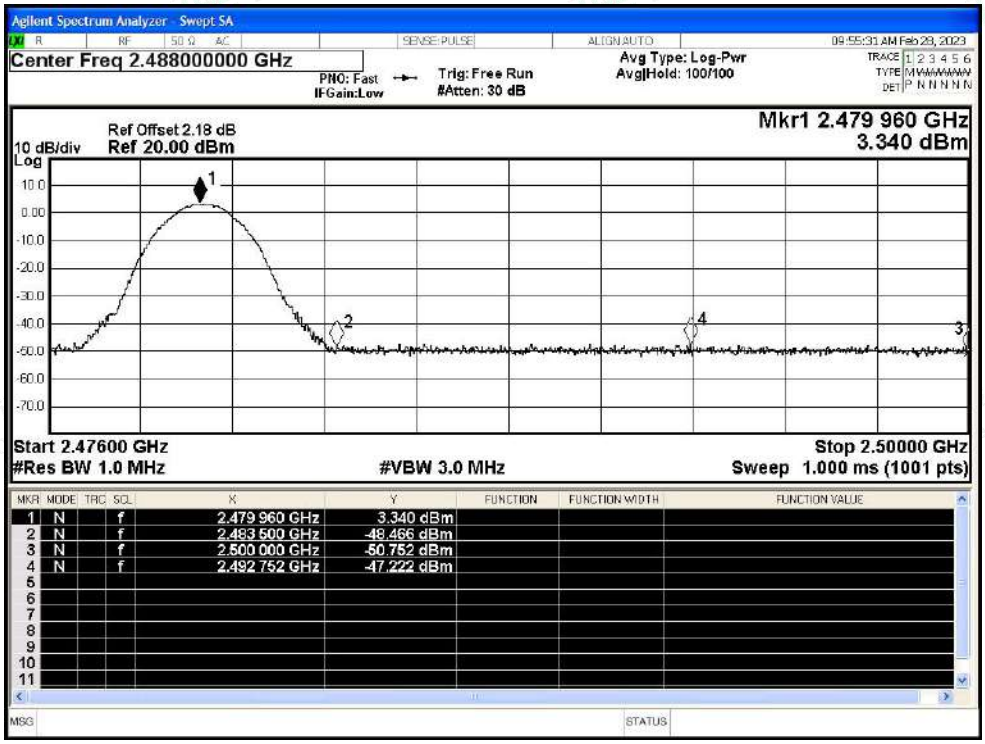
Restrict Band NVNT 2-DH5 2402MHz Ant1 No-Hopping Peak



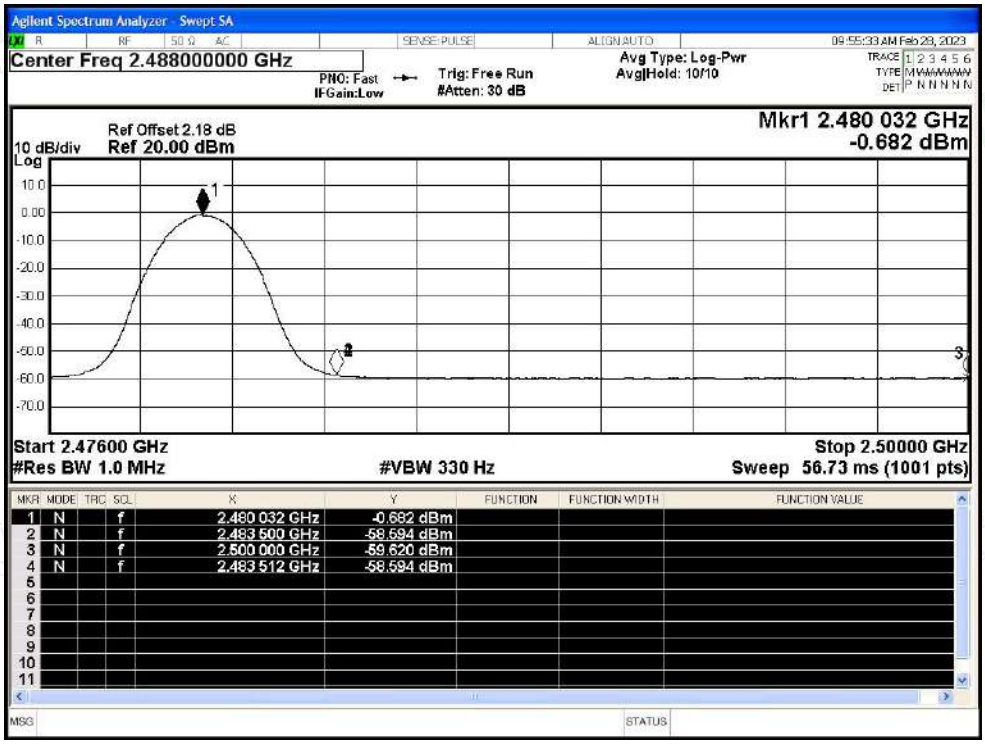
Restrict Band NVNT 2-DH5 2402MHz Ant1 No-Hopping Average



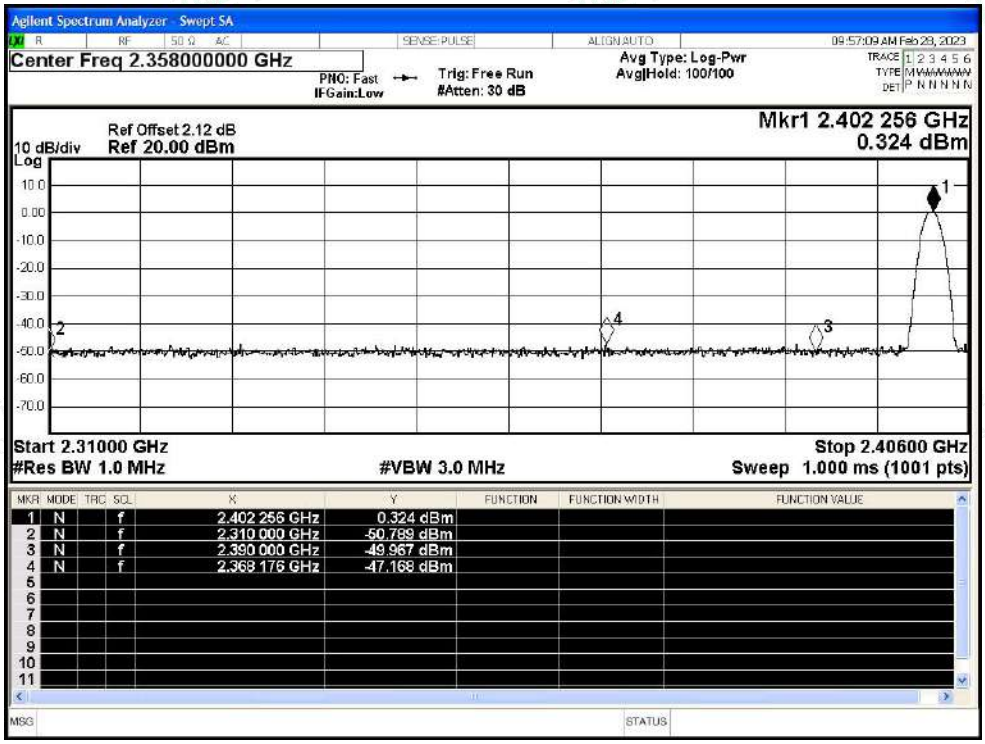
Restrict Band NVNT 2-DH5 2480MHz Ant1 No-Hopping Peak



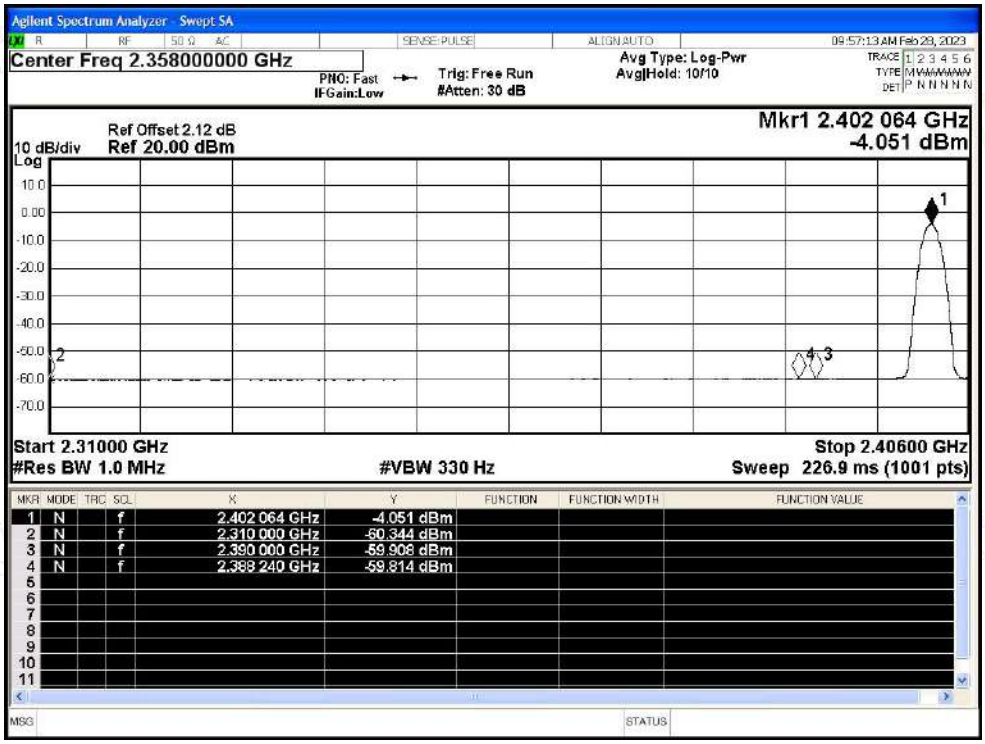
Restrict Band NVNT 2-DH5 2480MHz Ant1 No-Hopping Average



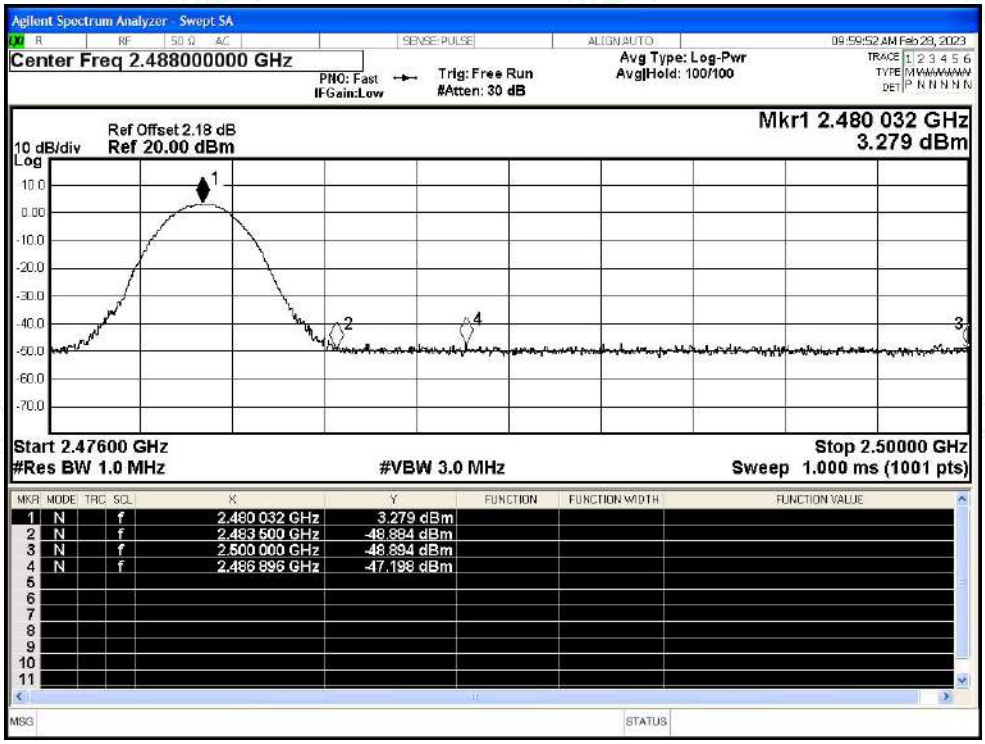
Restrict Band NVNT 3-DH5 2402MHz Ant1 No-Hopping Peak



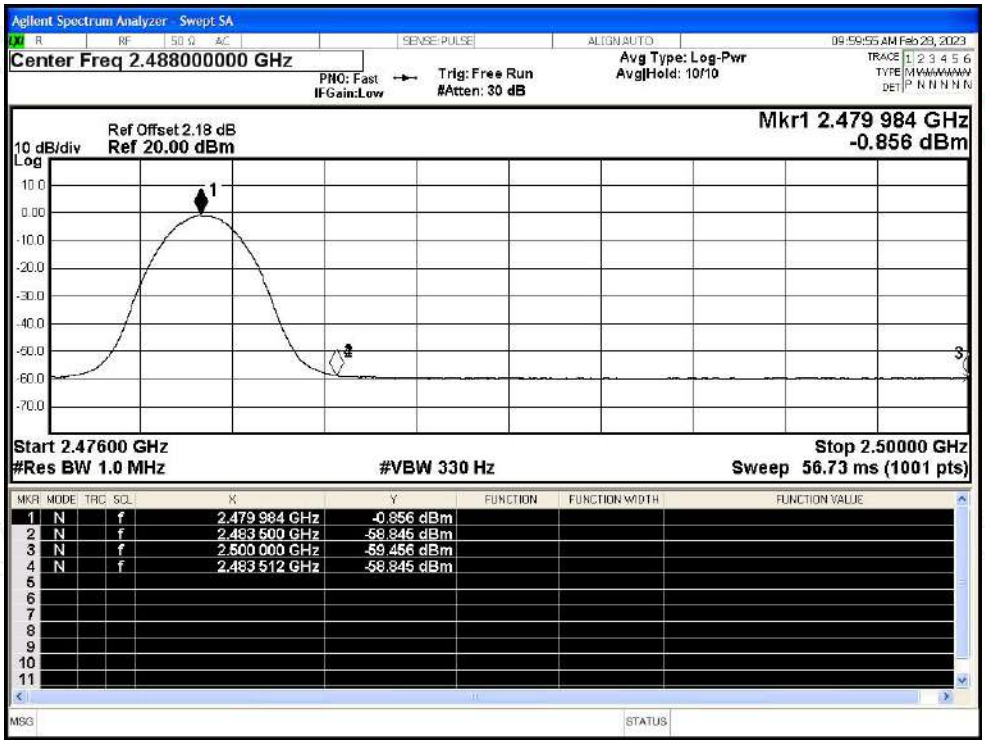
Restrict Band NVNT 3-DH5 2402MHz Ant1 No-Hopping Average



Restrict Band NVNT 3-DH5 2480MHz Ant1 No-Hopping Peak



Restrict Band NVNT 3-DH5 2480MHz Ant1 No-Hopping Average

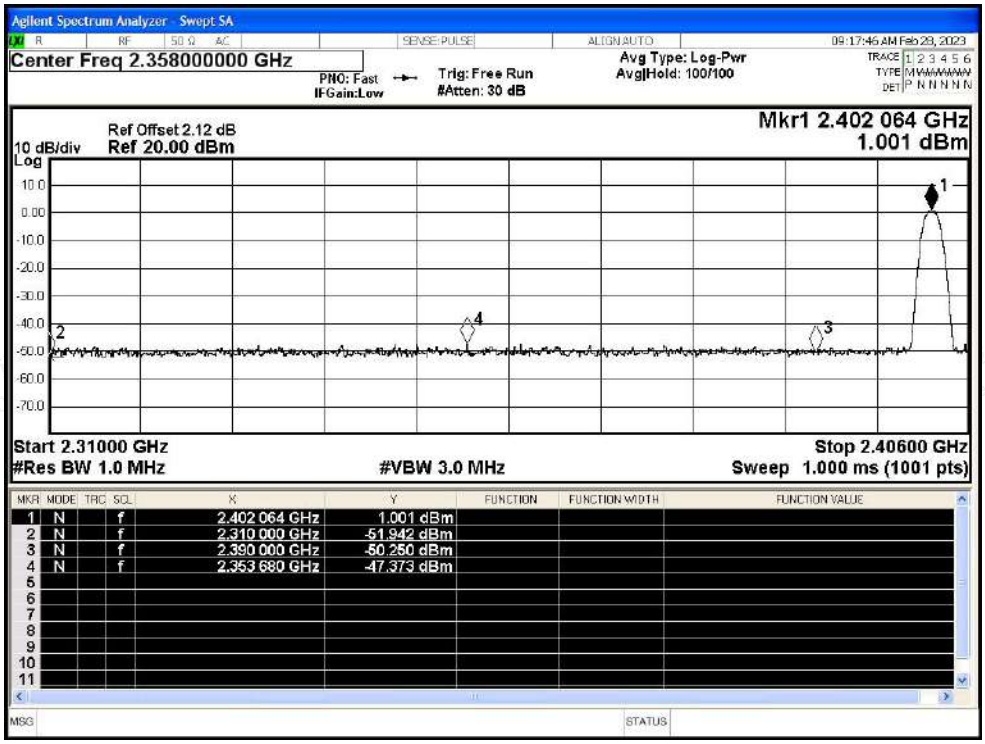


Right

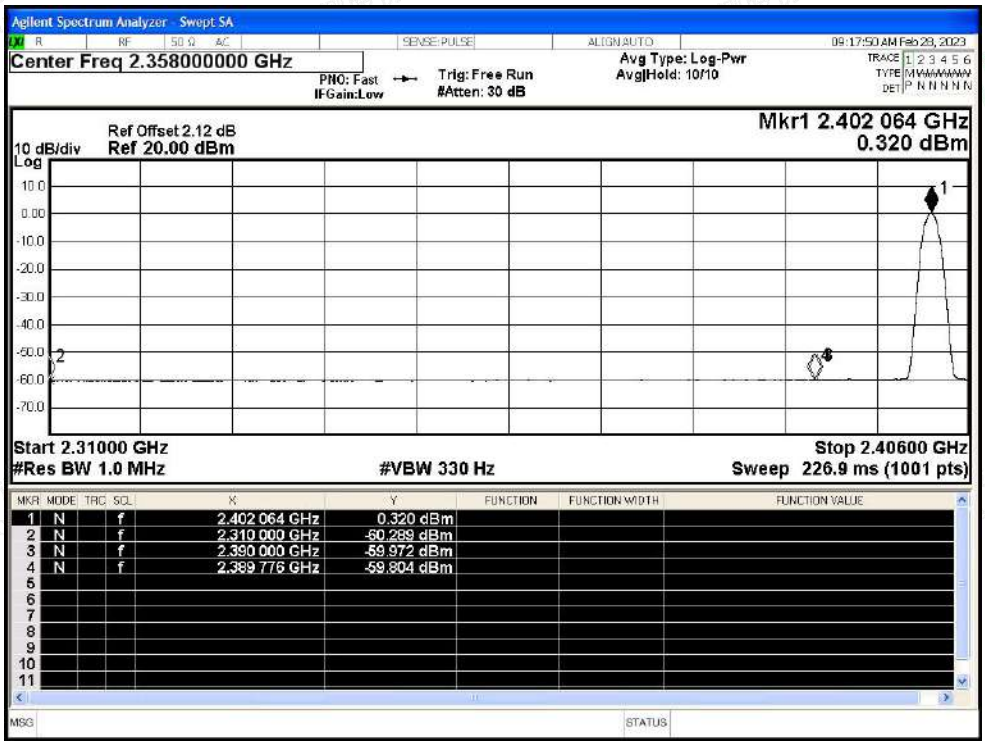
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
NVNT	1-DH5	2402	Ant1	No-Hopping	2310	-51.94	2	45.32	Peak	74	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2310	-60.29	2	36.97	Average	54	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2353.68	-47.37	2	49.89	Peak	74	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2389.776	-59.8	2	37.46	Average	54	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2390	-50.25	2	47.01	Peak	74	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2390	-59.97	2	37.29	Average	54	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2483.5	-51.17	2	46.09	Peak	74	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2483.5	-59.31	2	37.95	Average	54	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2484.352	-46.71	2	50.55	Peak	74	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2484.064	-59.23	2	38.03	Average	54	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2500	-49.14	2	48.12	Peak	74	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2500	-59.69	2	37.57	Average	54	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2310	-51.53	2	45.73	Peak	74	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2310	-60.42	2	36.84	Average	54	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2356.176	-47.86	2	49.4	Peak	74	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2386.032	-59.84	2	37.42	Average	54	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2390	-51.24	2	46.02	Peak	74	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2390	-59.95	2	37.31	Average	54	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2483.5	-49.95	2	47.31	Peak	74	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2483.5	-58.77	2	38.49	Average	54	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2483.56	-46.25	2	51.01	Peak	74	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2483.512	-58.77	2	38.49	Average	54	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2500	-49.53	2	47.73	Peak	74	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2500	-59.65	2	37.61	Average	54	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2310	-48.97	2	48.29	Peak	74	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2310	-60.42	2	36.84	Average	54	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2368.368	-47.23	2	50.03	Peak	74	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2386.896	-59.81	2	37.45	Average	54	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2390	-50.98	2	46.28	Peak	74	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2390	-59.82	2	37.44	Average	54	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2483.5	-49.55	2	47.71	Peak	74	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2483.5	-58.73	2	38.53	Average	54	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2484.52	-47.27	2	49.99	Peak	74	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2483.512	-58.73	2	38.53	Average	54	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2500	-50.81	2	46.45	Peak	74	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2500	-59.54	2	37.72	Average	54	Pass

Test Graphs

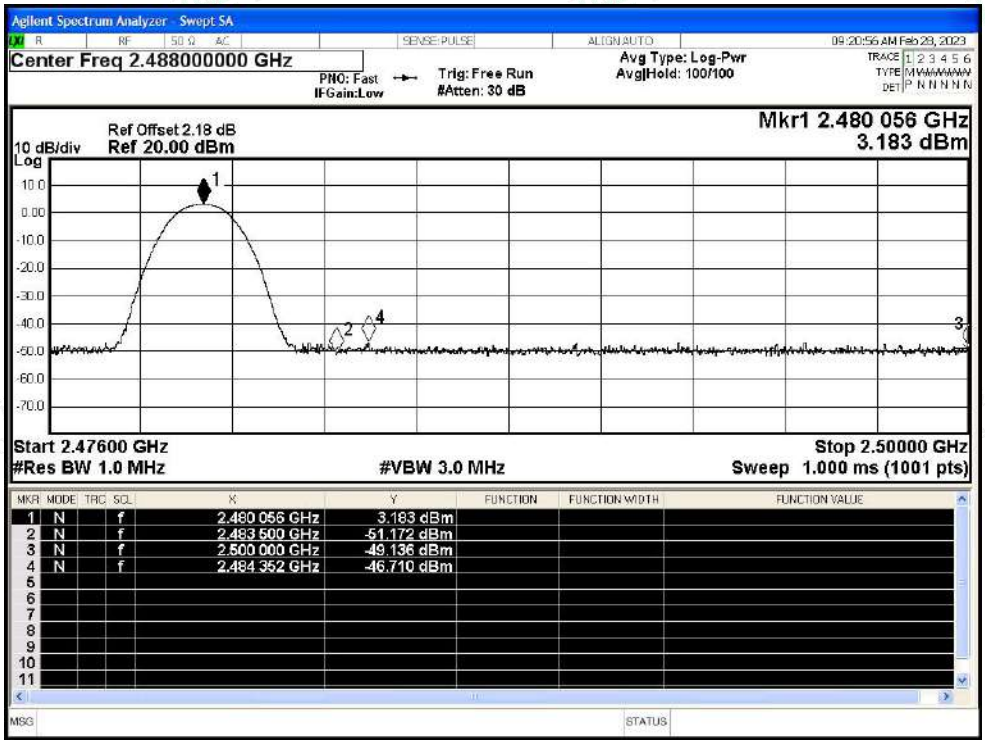
Restrict Band NVNT 1-DH5 2402MHz Ant1 No-Hopping Peak



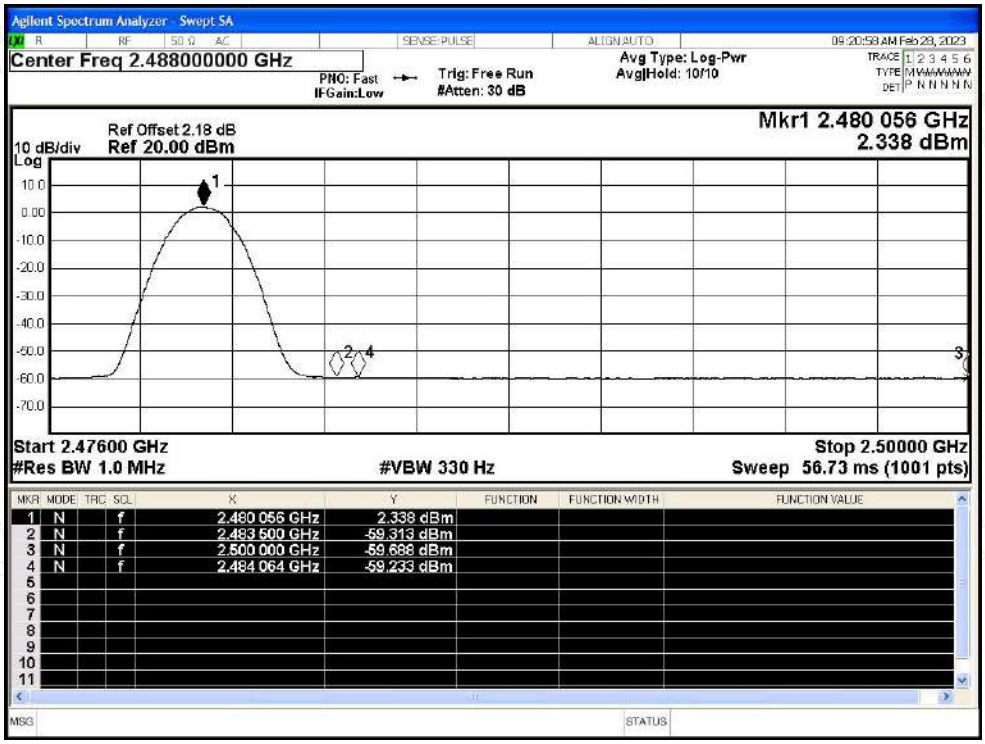
Restrict Band NVNT 1-DH5 2402MHz Ant1 No-Hopping Average



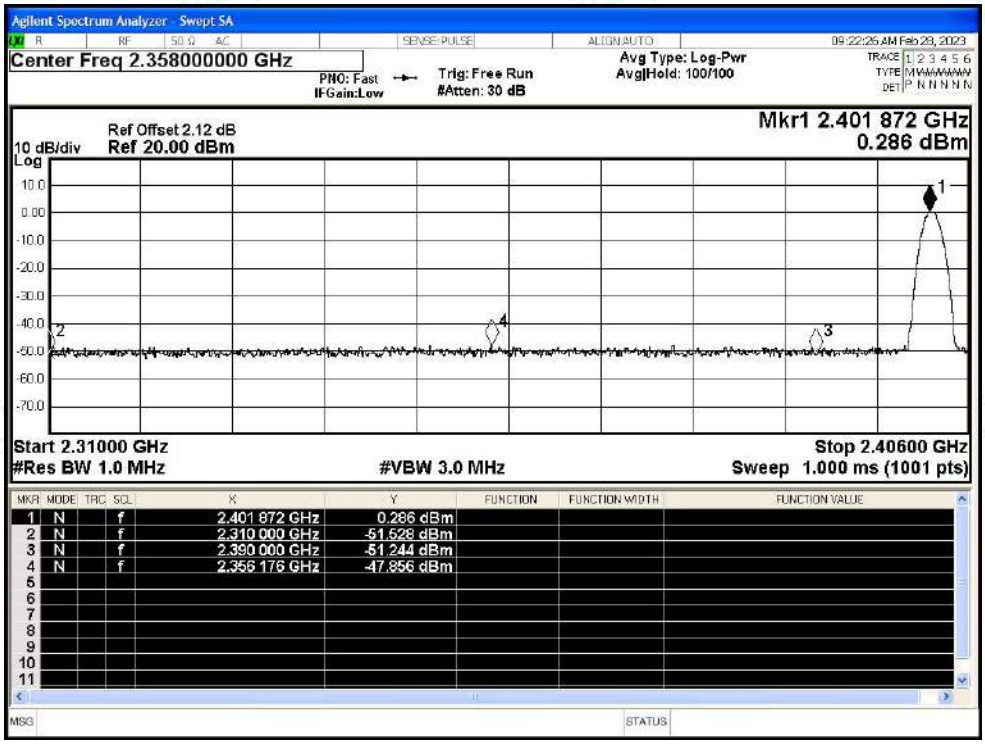
Restrict Band NVNT 1-DH5 2480MHz Ant1 No-Hopping Peak



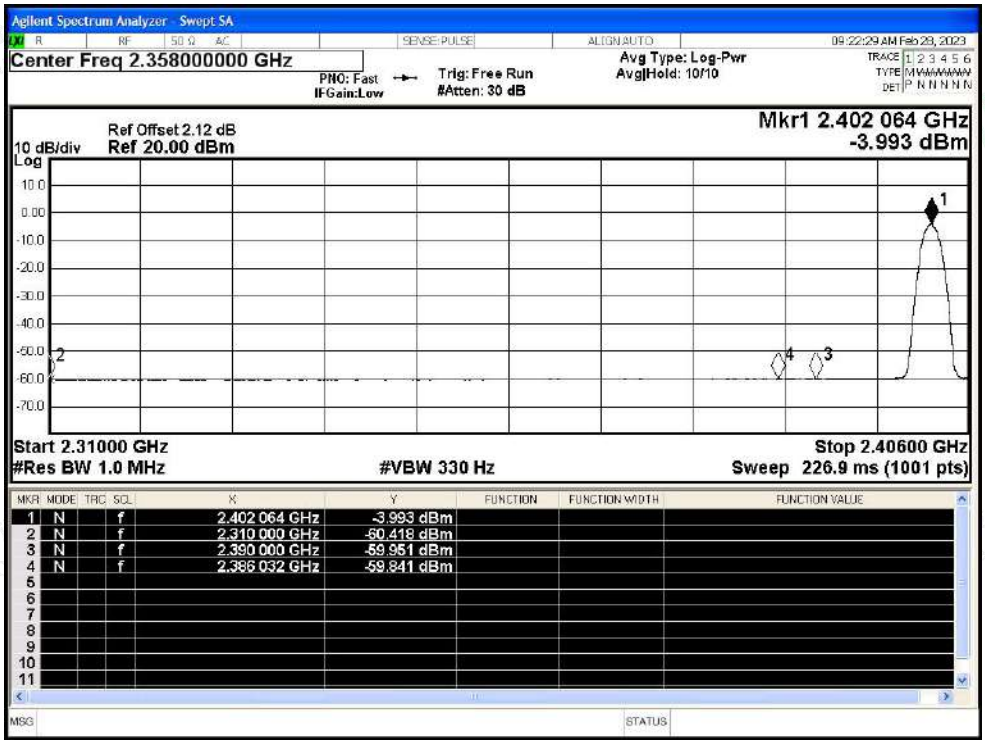
Restrict Band NVNT 1-DH5 2480MHz Ant1 No-Hopping Average



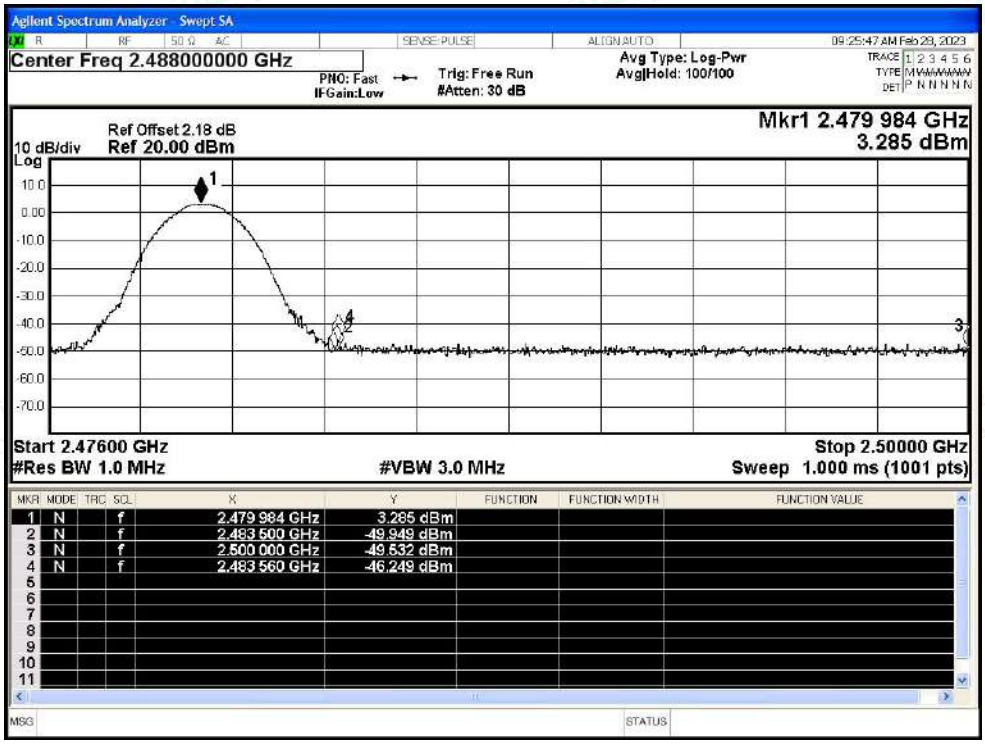
Restrict Band NVNT 2-DH5 2402MHz Ant1 No-Hopping Peak



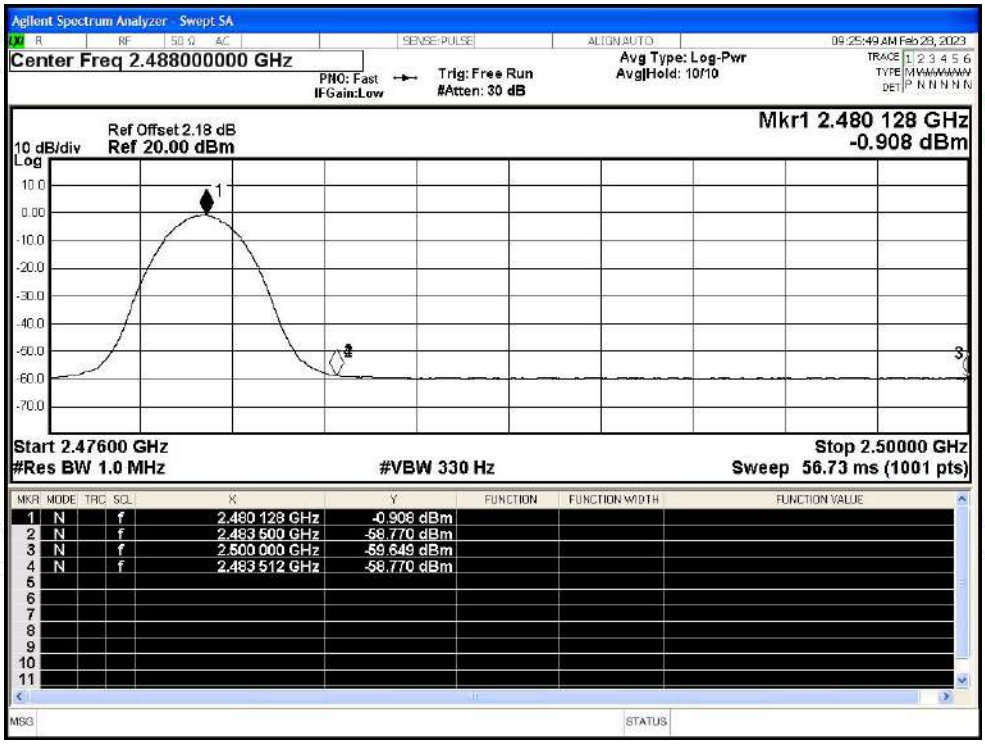
Restrict Band NVNT 2-DH5 2402MHz Ant1 No-Hopping Average



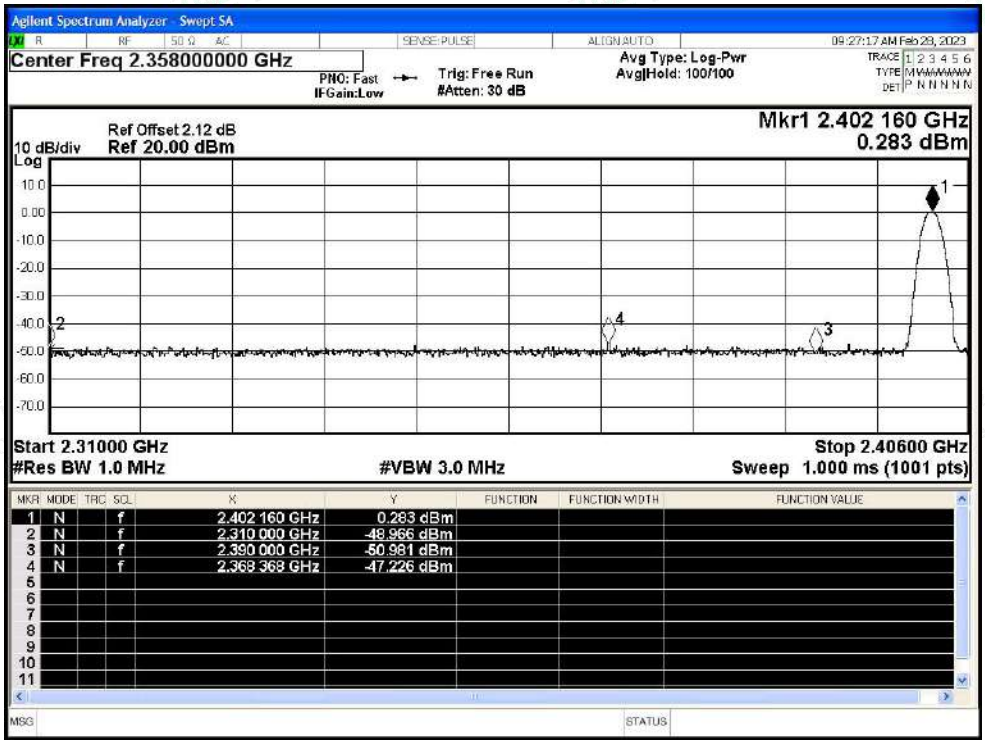
Restrict Band NVNT 2-DH5 2480MHz Ant1 No-Hopping Peak



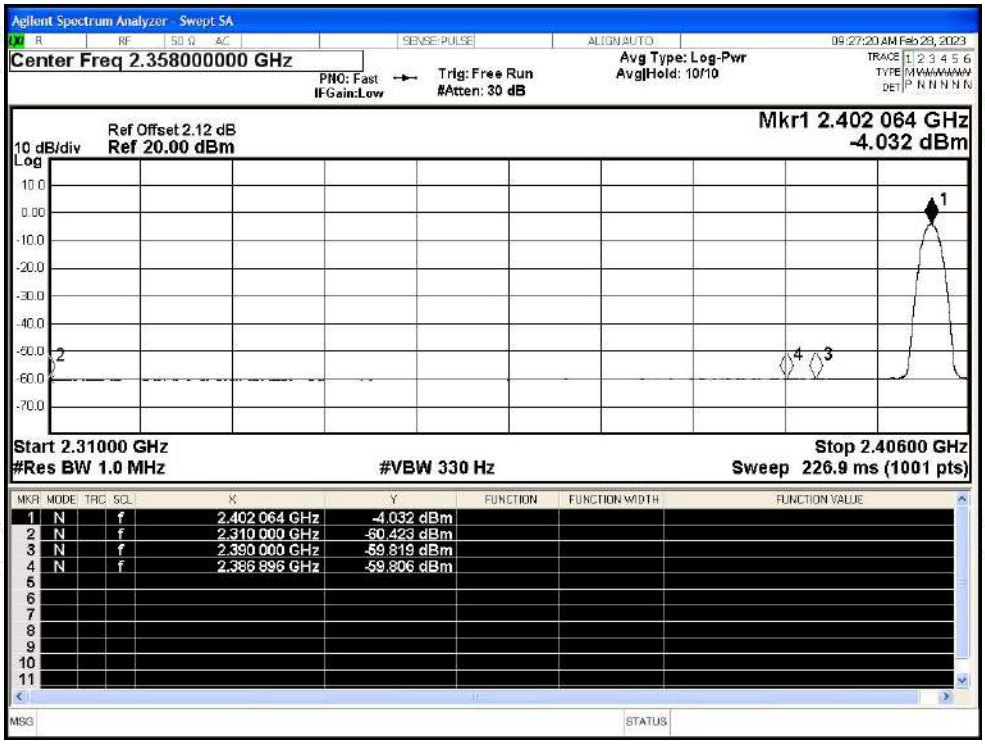
Restrict Band NVNT 2-DH5 2480MHz Ant1 No-Hopping Average



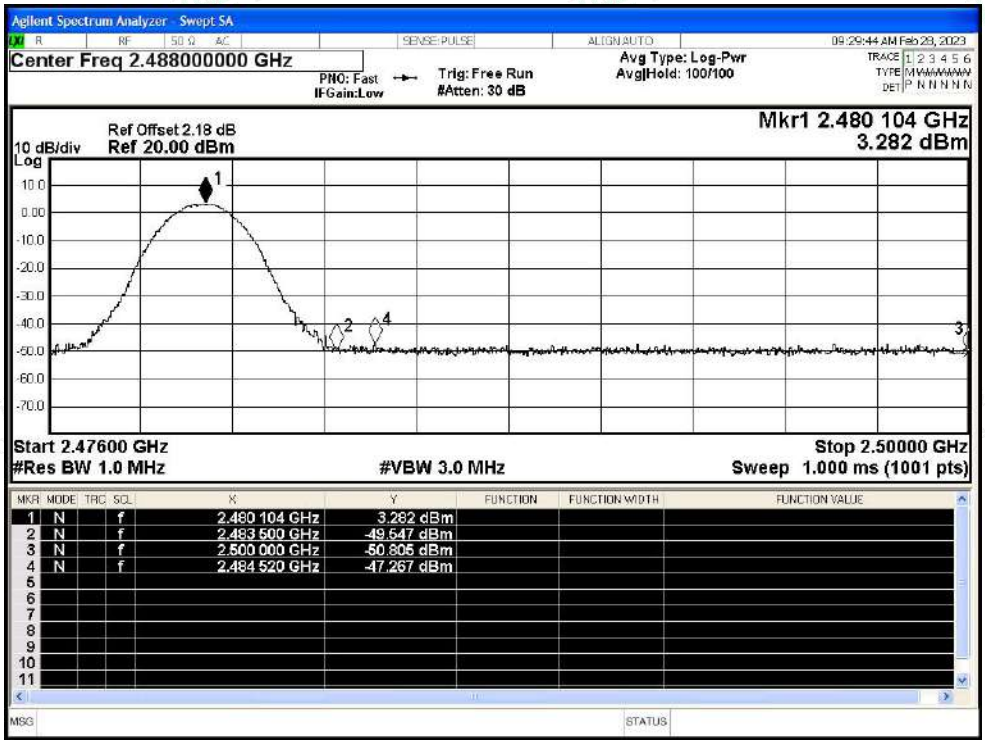
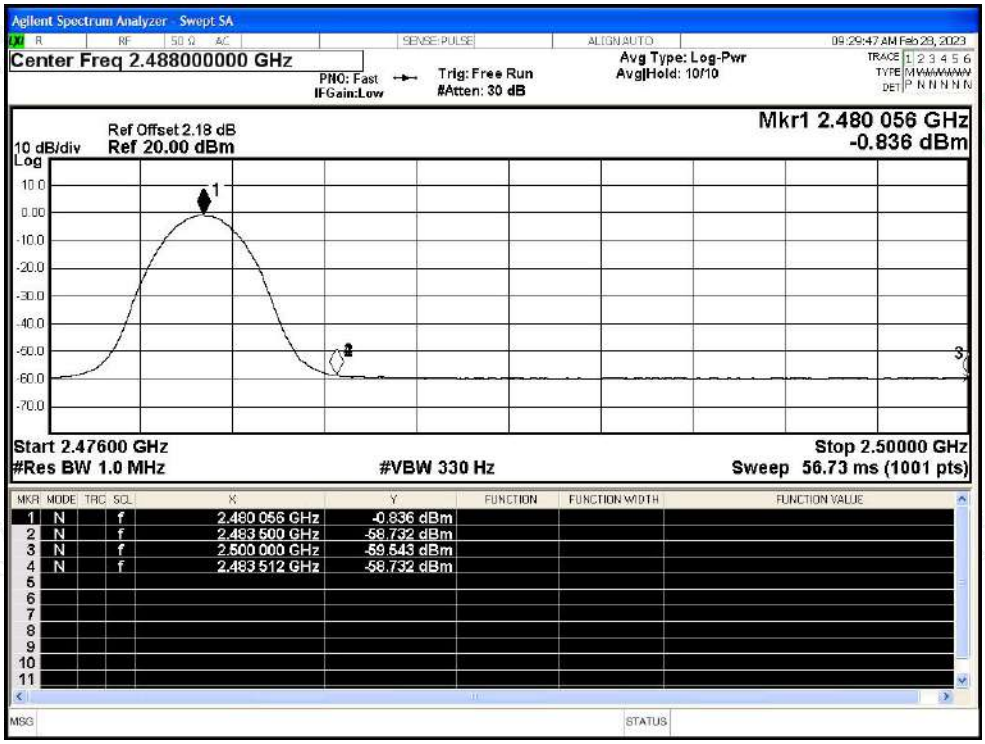
Restrict Band NVNT 3-DH5 2402MHz Ant1 No-Hopping Peak



Restrict Band NVNT 3-DH5 2402MHz Ant1 No-Hopping Average



Restrict Band NVNT 3-DH5 2480MHz Ant1 No-Hopping Peak



Restrict Band NVNT 3-DH5 2480MHz Ant1 No-Hopping Average