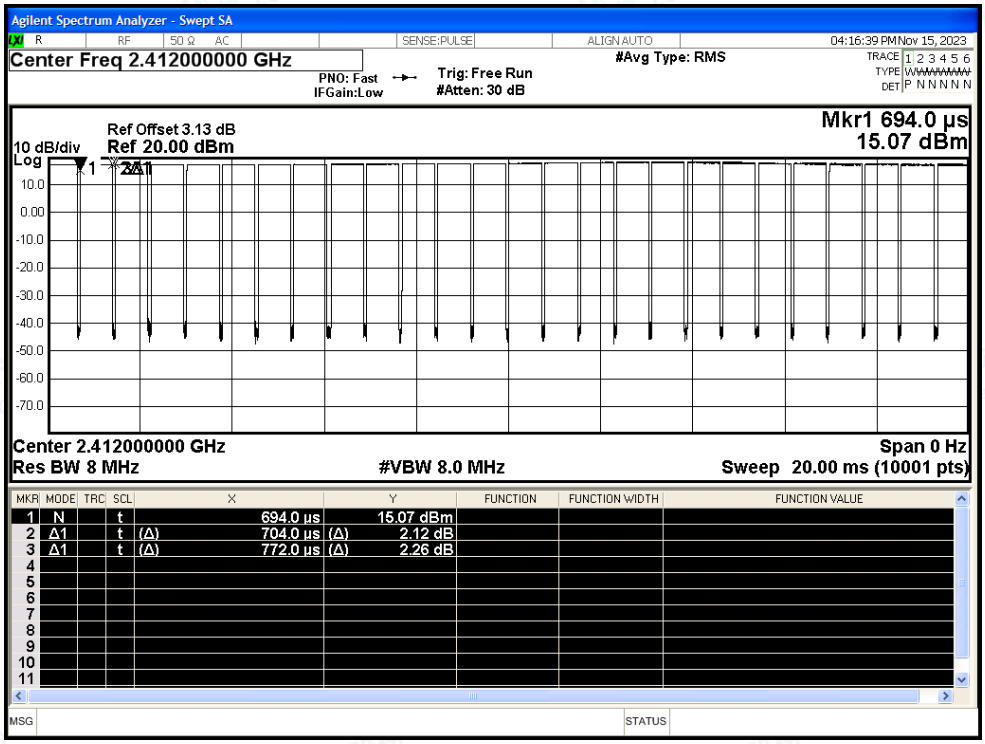
C.6 Duty Cycle

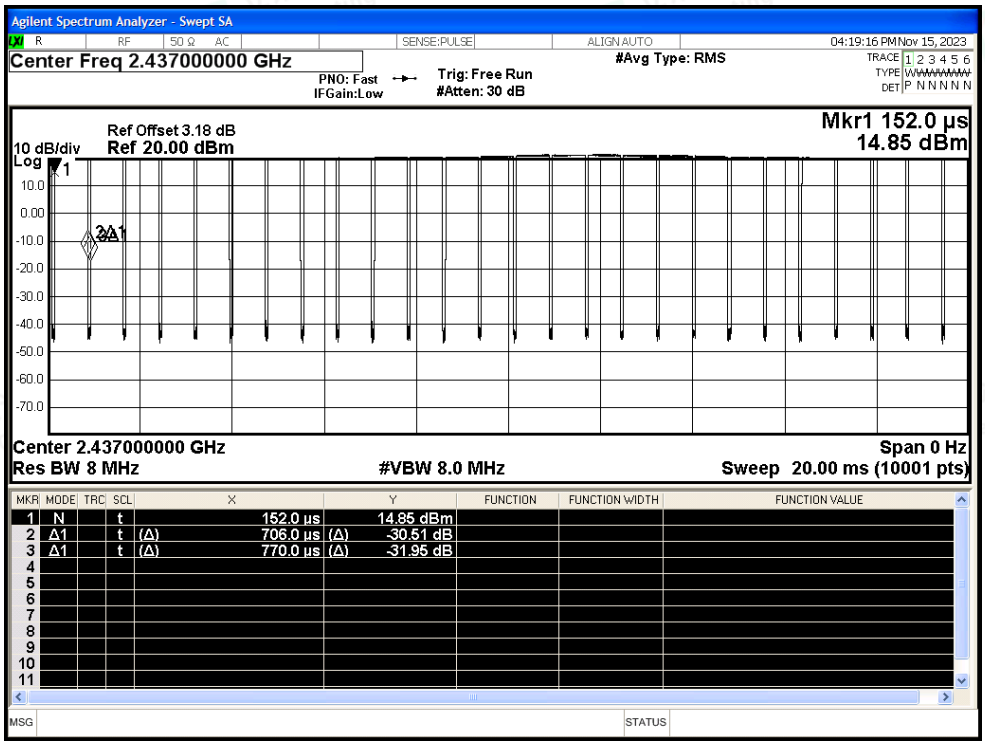
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	b	2412	Ant0	91.19	0.4	1.42
NVNT	b	2437	Ant0	91.69	0.38	1.42
NVNT	b	2462	Ant0	91.45	0.39	1.42
NVNT	g	2412	Ant0	60.87	2.16	8.93
NVNT	g	2437	Ant0	64.77	1.89	8.77
NVNT	g	2462	Ant0	64.77	1.89	8.77
NVNT	n20	2412	Ant0	63.64	1.96	8.93
NVNT	n20	2437	Ant0	64.37	1.91	8.93
NVNT	n20	2462	Ant0	64.37	1.91	8.93
NVNT	n40	2422	Ant0	50	3.01	13.89
NVNT	n40	2437	Ant0	52.94	2.76	13.89
NVNT	n40	2452	Ant0	54.07	2.67	13.7

Test Graphs

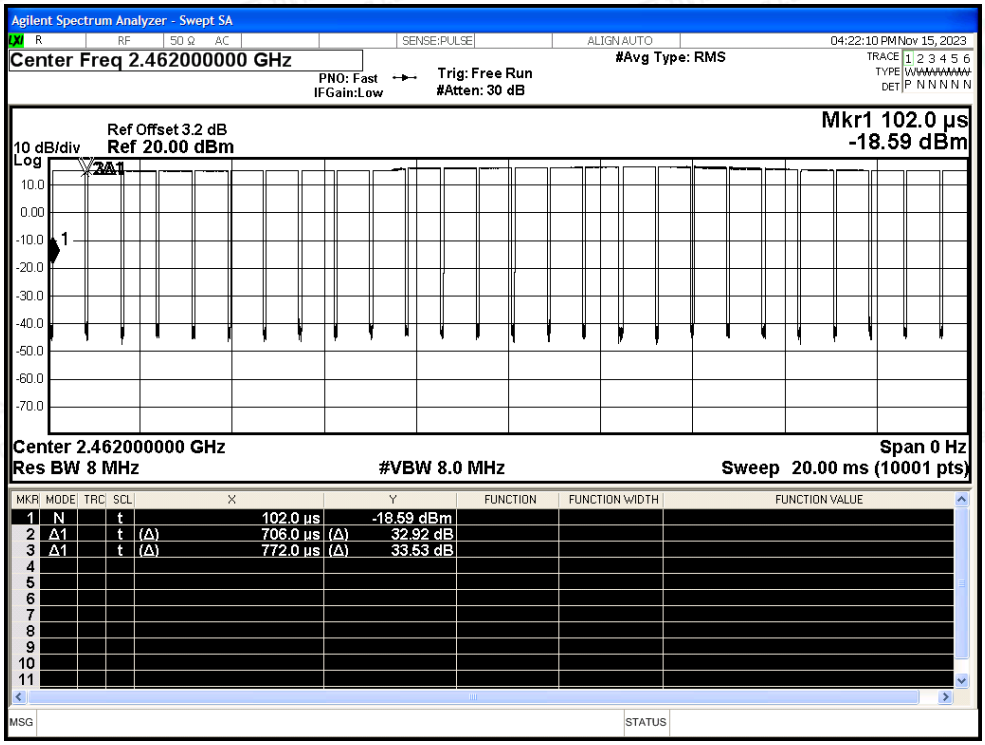
Duty Cycle NVNT b 2412MHz Ant0



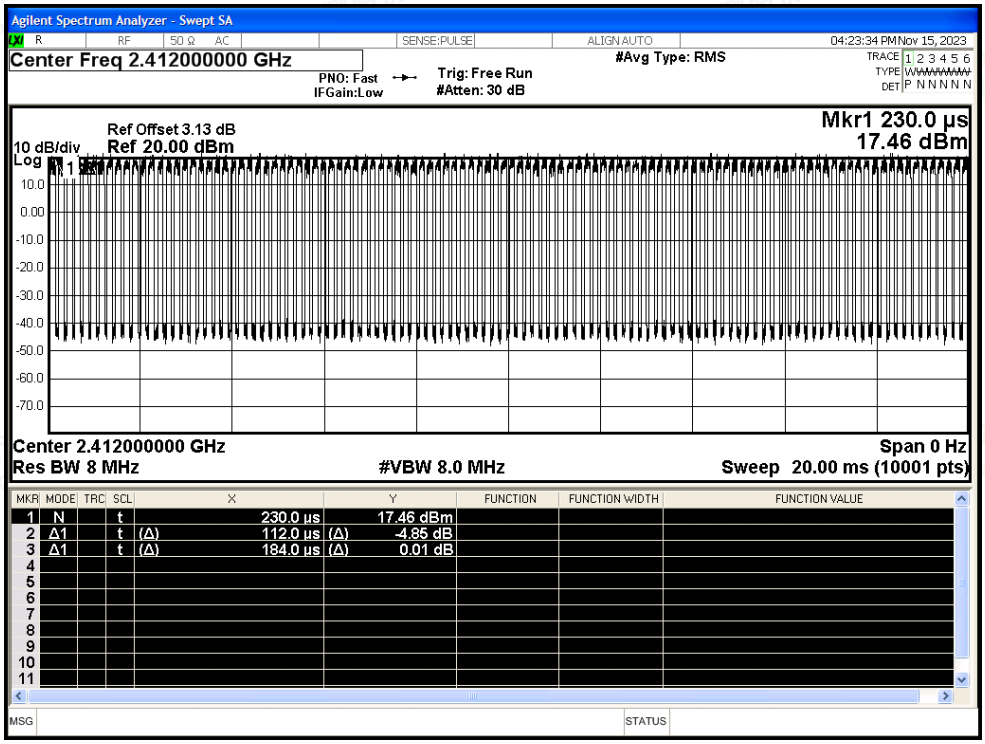
Duty Cycle NVNT b 2437MHz Ant0



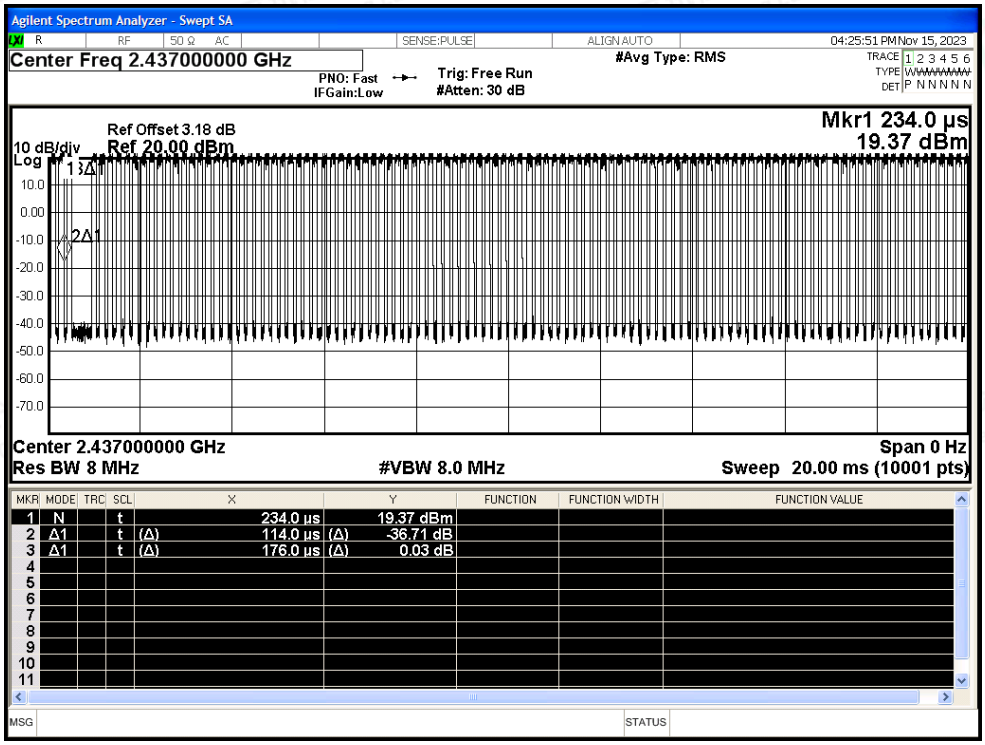
Duty Cycle NVNT b 2462MHz Ant0



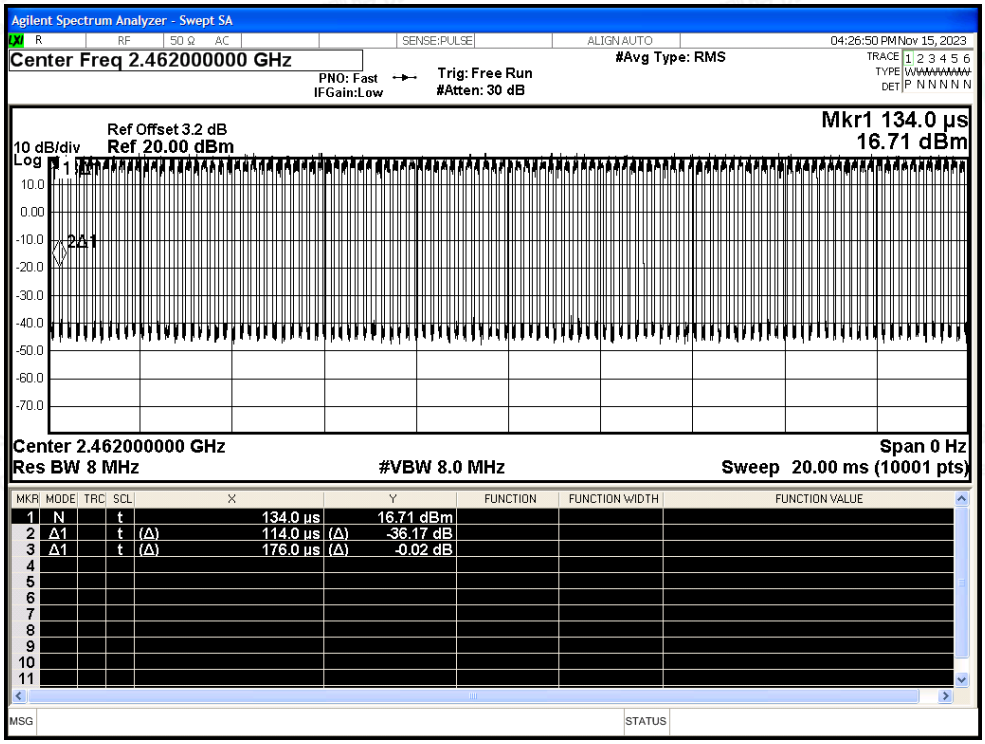
Duty Cycle NVNT g 2412MHz Ant0



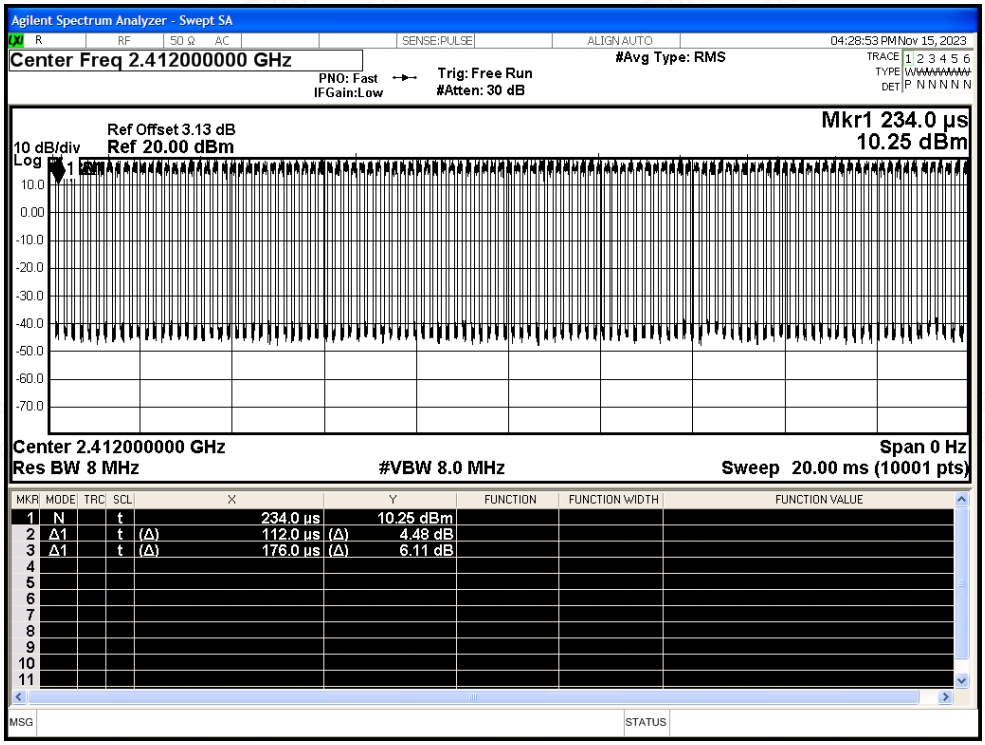
Duty Cycle NVNT g 2437MHz Ant0



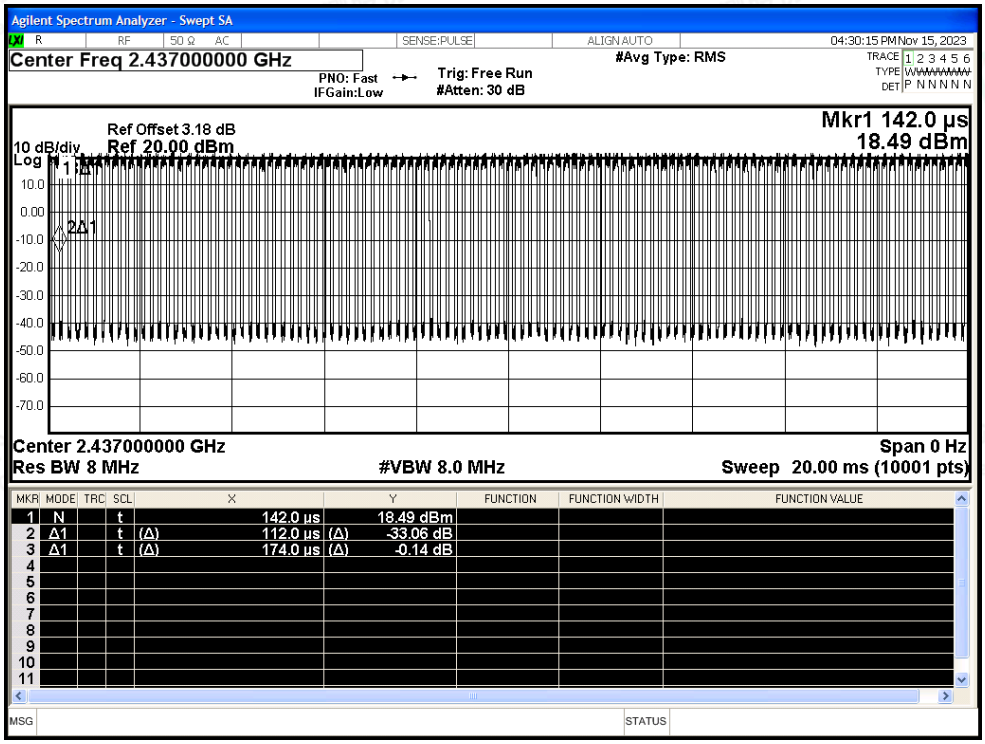
Duty Cycle NVNT g 2462MHz Ant0



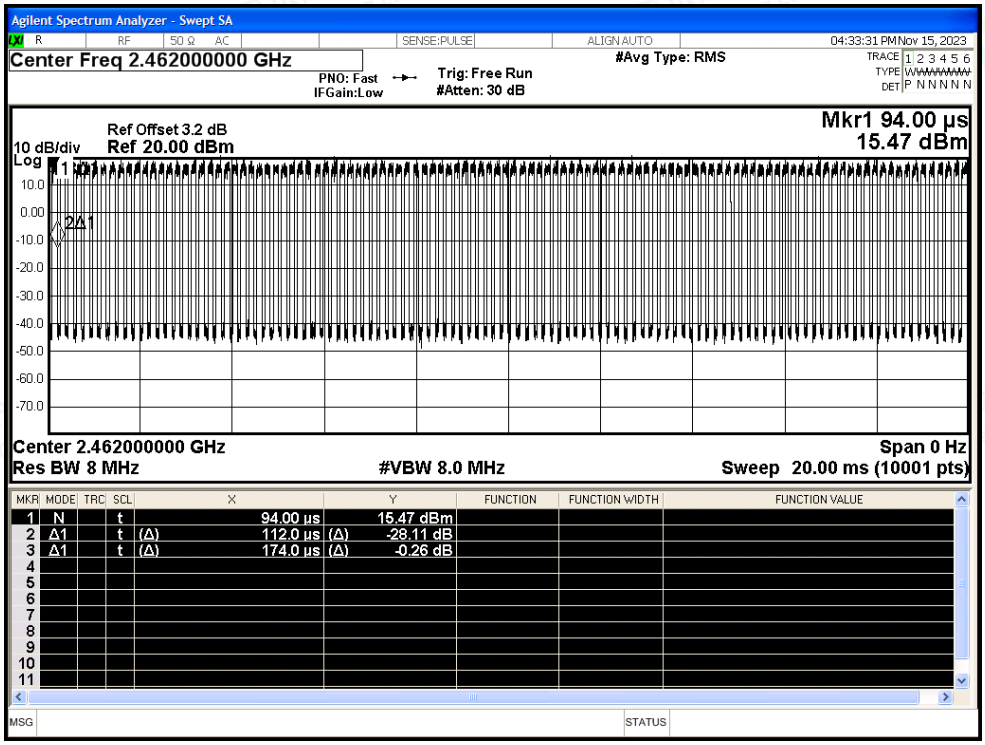
Duty Cycle NVNT n20 2412MHz Ant0



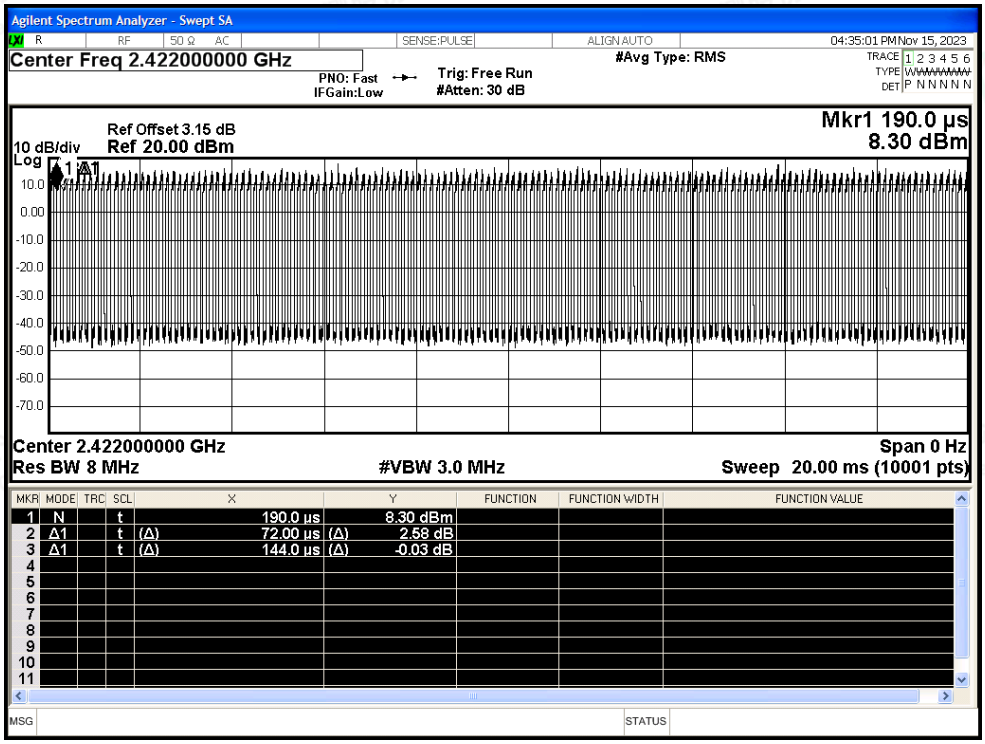
Duty Cycle NVNT n20 2437MHz Ant0



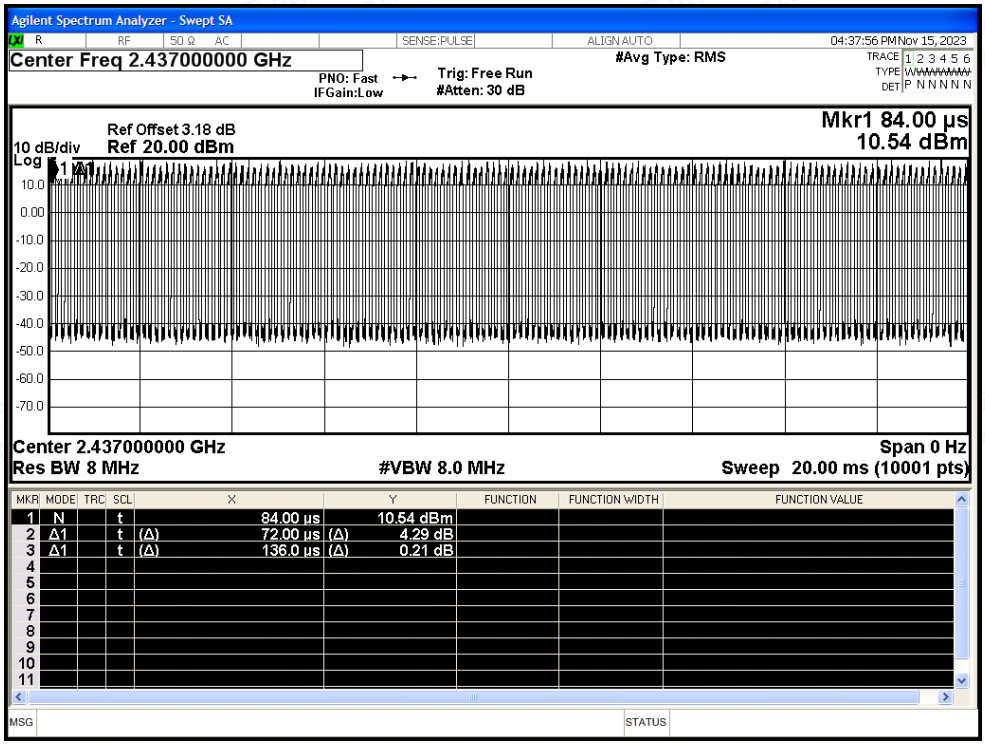
Duty Cycle NVNT n20 2462MHz Ant0



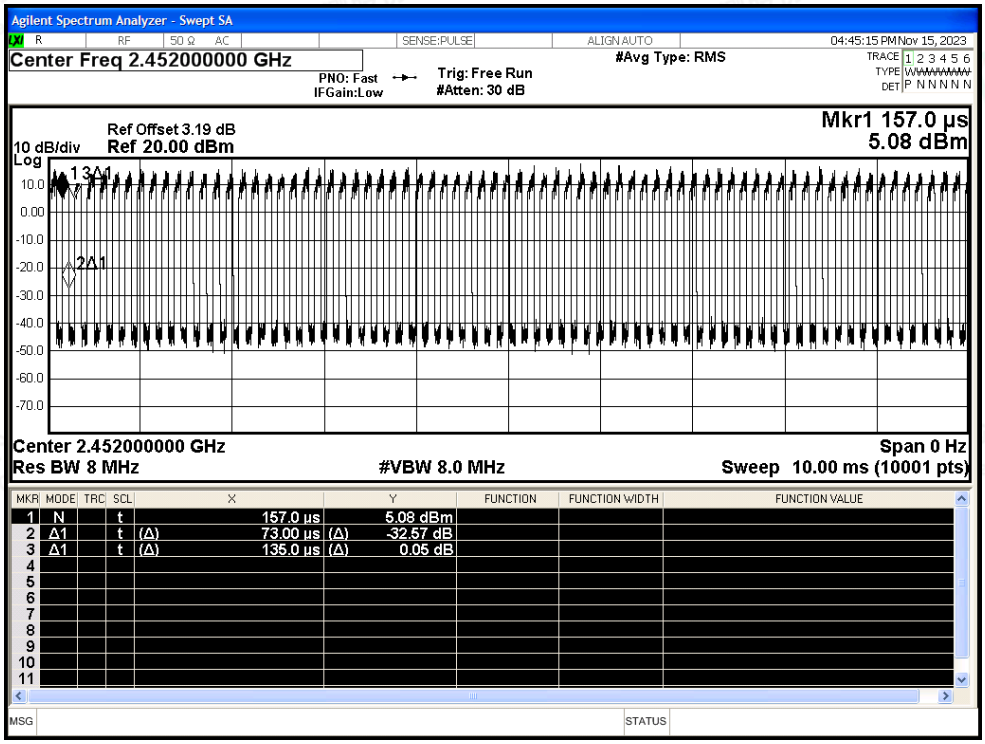
Duty Cycle NVNT n40 2422MHz Ant0



Duty Cycle NVNT n40 2437MHz Ant0



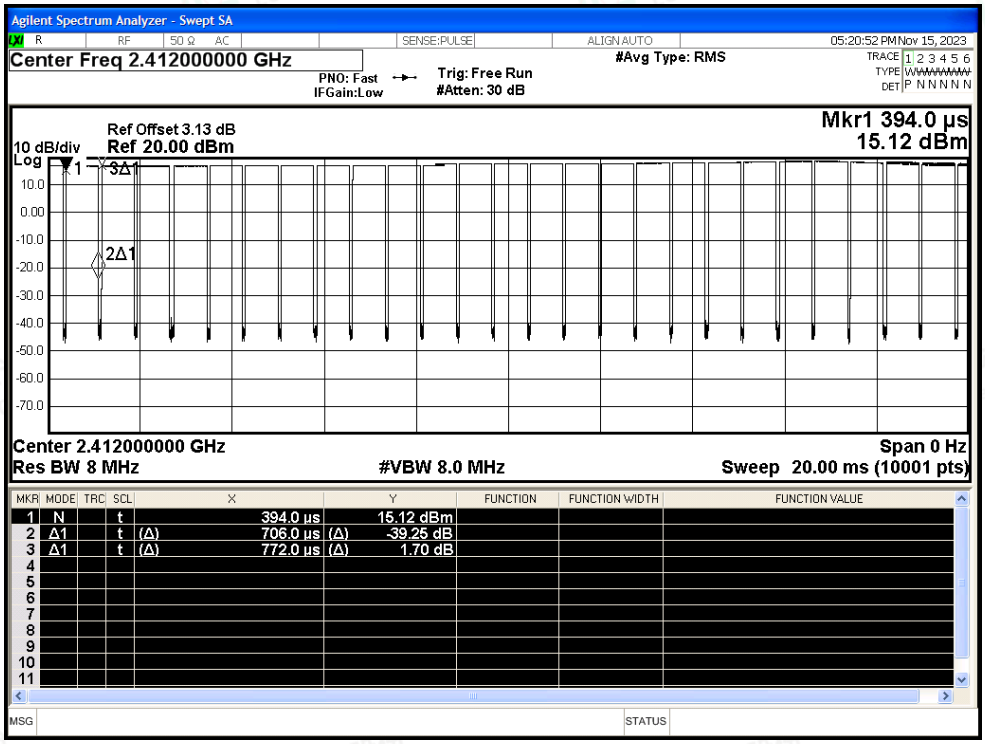
Duty Cycle NVNT n40 2452MHz Ant0



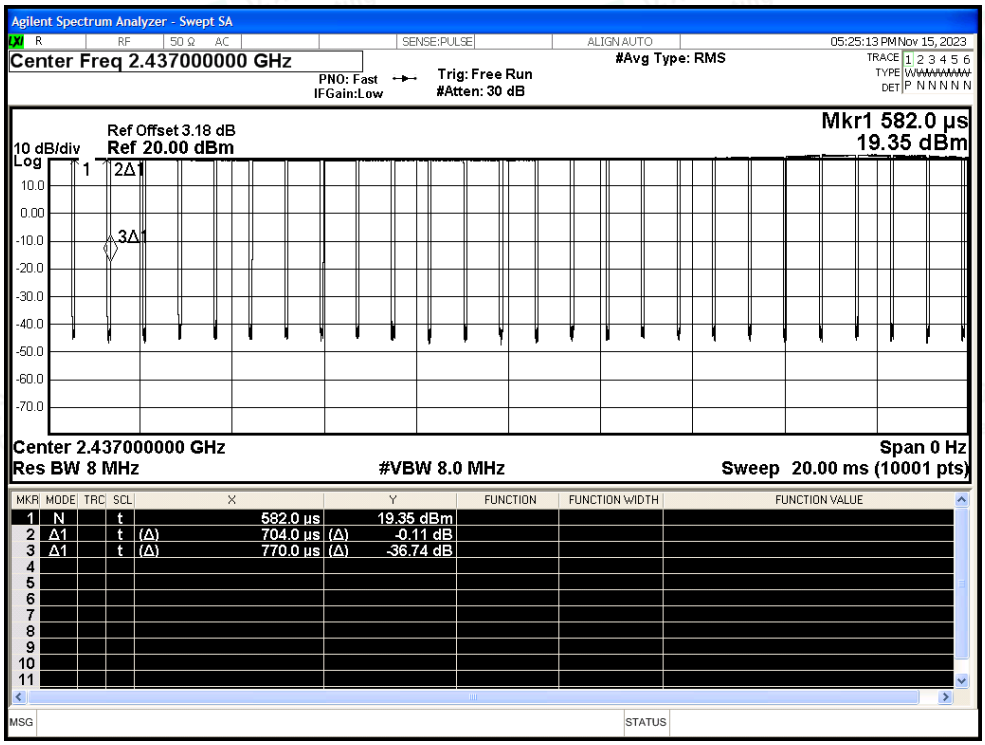
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	b	2412	Ant1	91.45	0.39	1.42
NVNT	b	2437	Ant1	91.43	0.39	1.42
NVNT	b	2462	Ant1	91.43	0.39	1.42
NVNT	g	2412	Ant1	64.37	1.91	8.93
NVNT	g	2437	Ant1	58.33	2.34	8.93
NVNT	g	2462	Ant1	64.37	1.91	8.93
NVNT	n20	2412	Ant1	64.37	1.91	8.93
NVNT	n20	2437	Ant1	63.64	1.96	8.93
NVNT	n20	2462	Ant1	63.64	1.96	8.93
NVNT	n40	2422	Ant1	54.41	2.64	13.51
NVNT	n40	2437	Ant1	53.73	2.7	13.89
NVNT	n40	2452	Ant1	53.33	2.73	13.89

Test Graphs

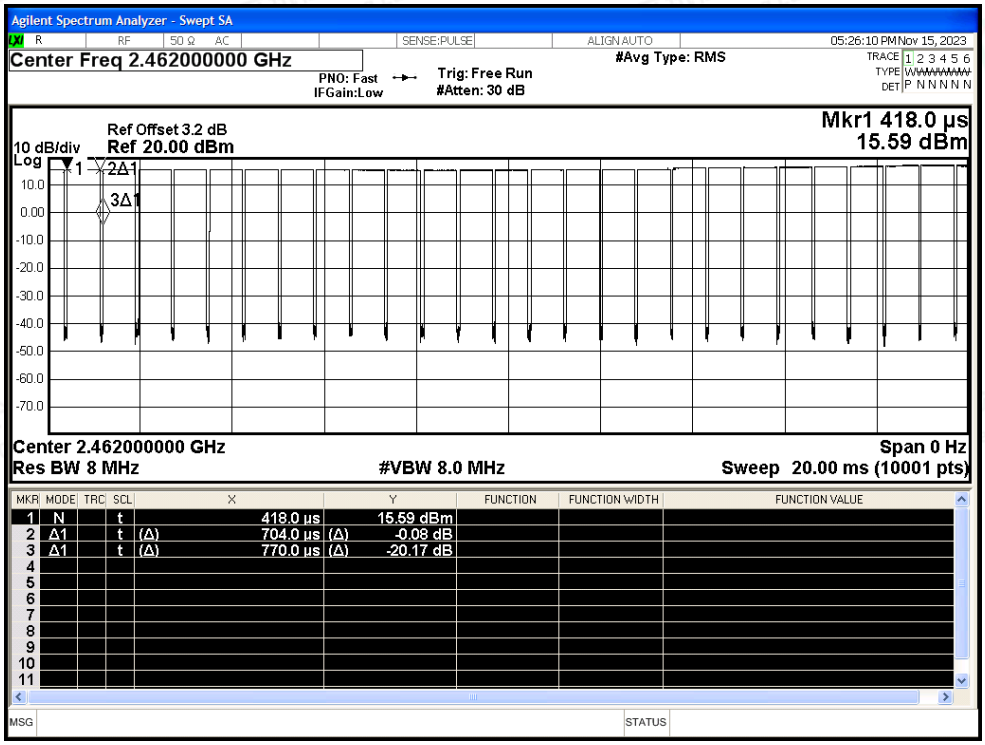
Duty Cycle NVNT b 2412MHz Ant1



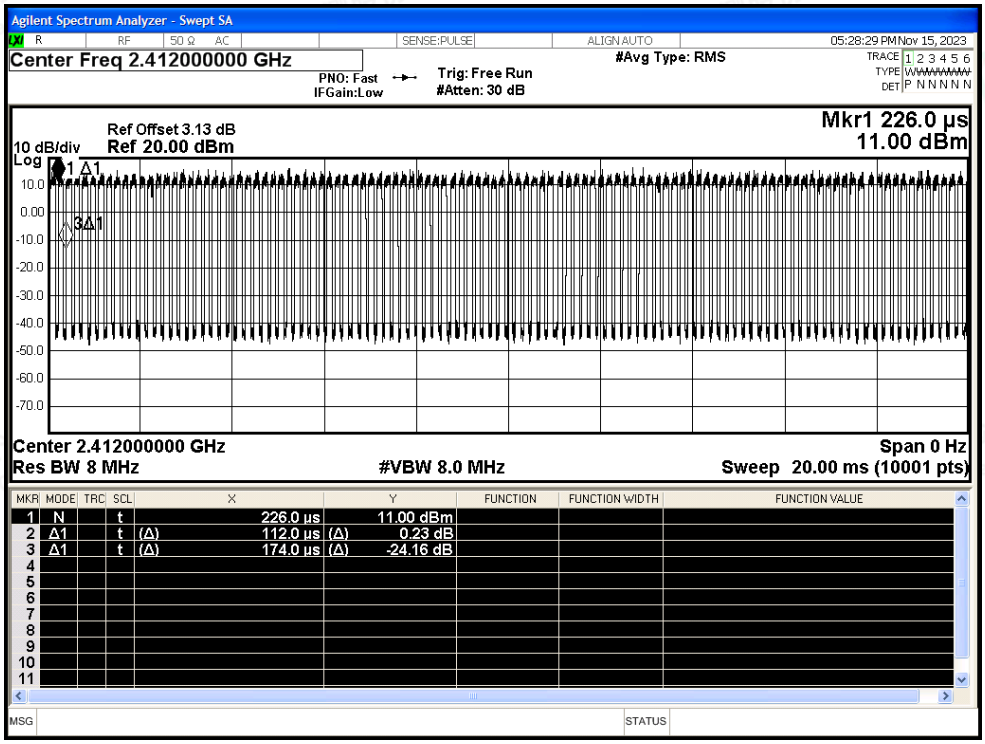
Duty Cycle NVNT b 2437MHz Ant1



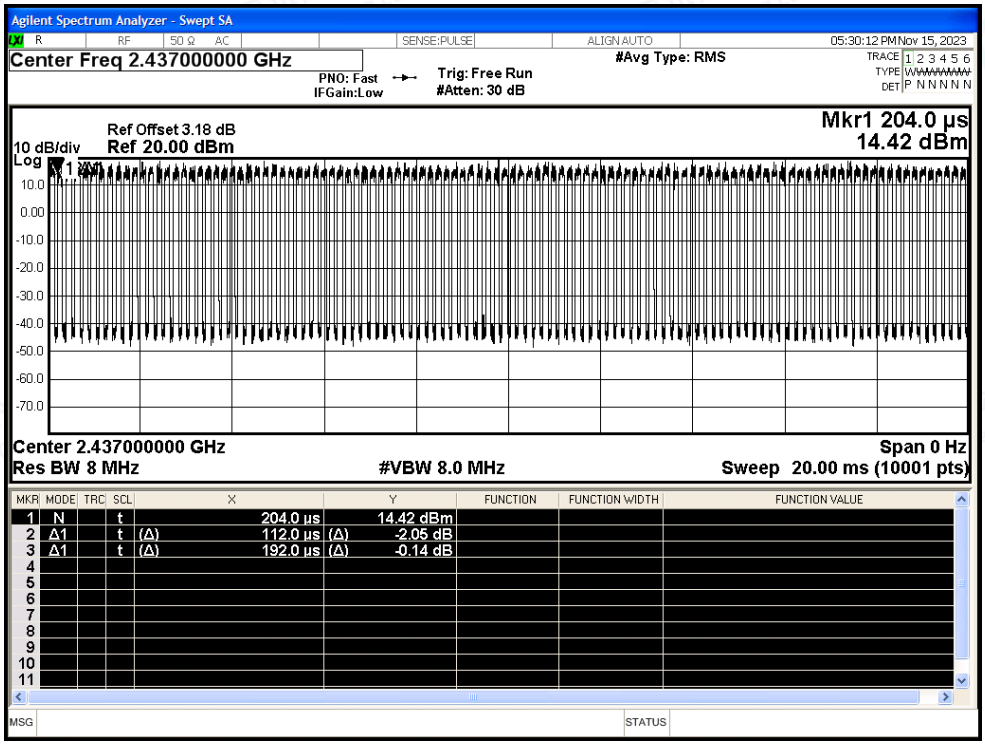
Duty Cycle NVNT b 2462MHz Ant1



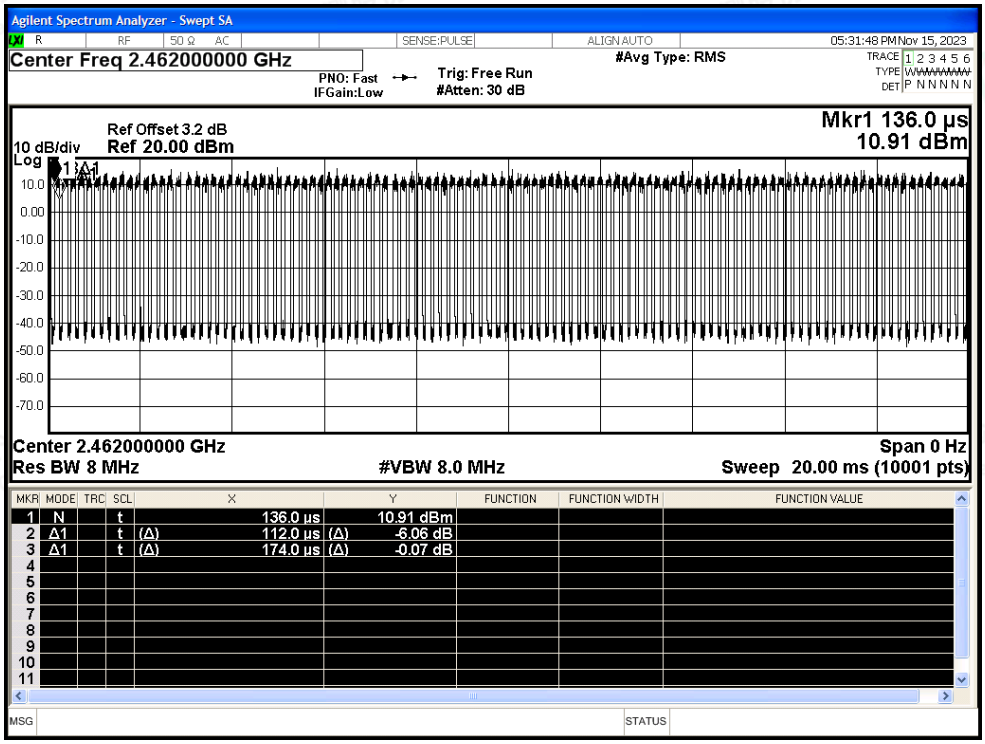
Duty Cycle NVNT g 2412MHz Ant1



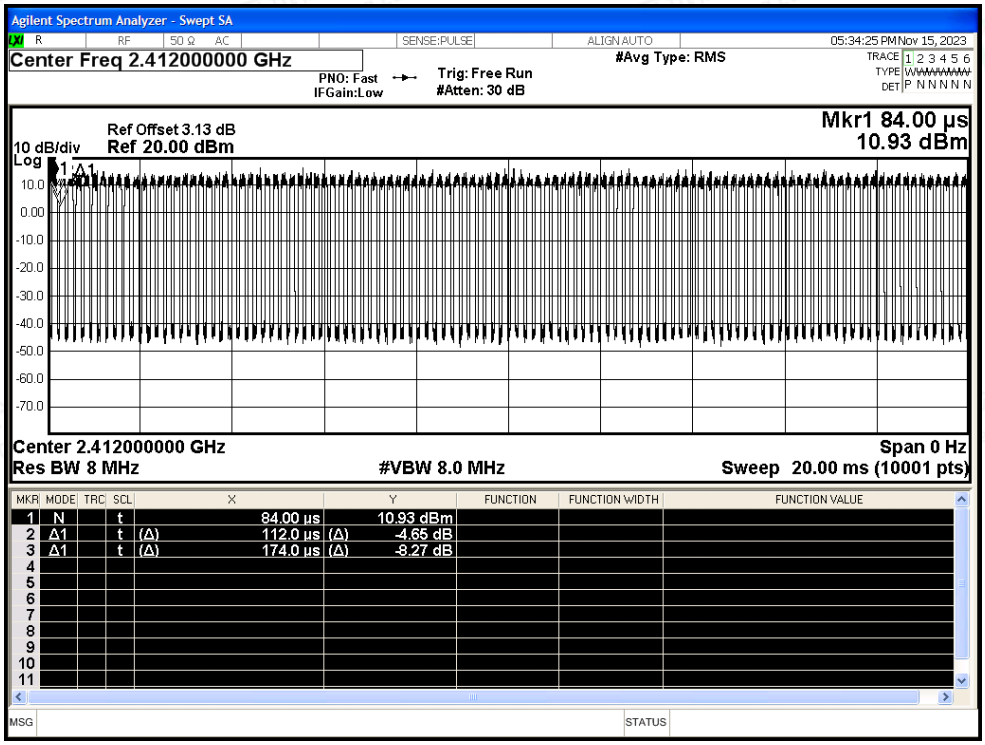
Duty Cycle NVNT g 2437MHz Ant1



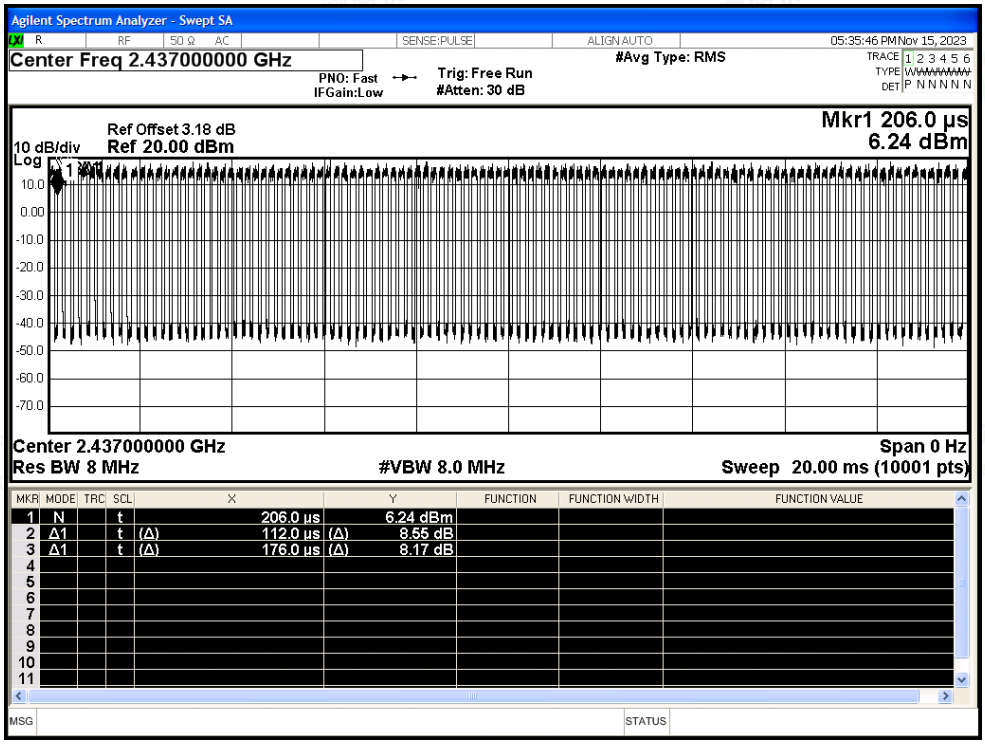
Duty Cycle NVNT g 2462MHz Ant1



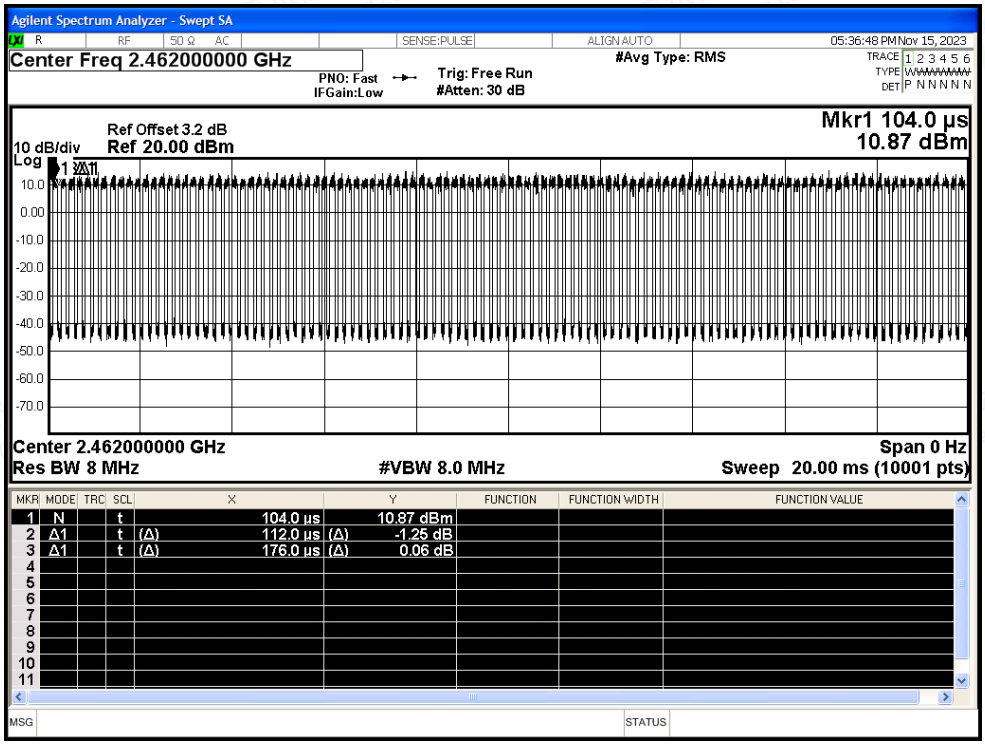
Duty Cycle NVNT n20 2412MHz Ant1



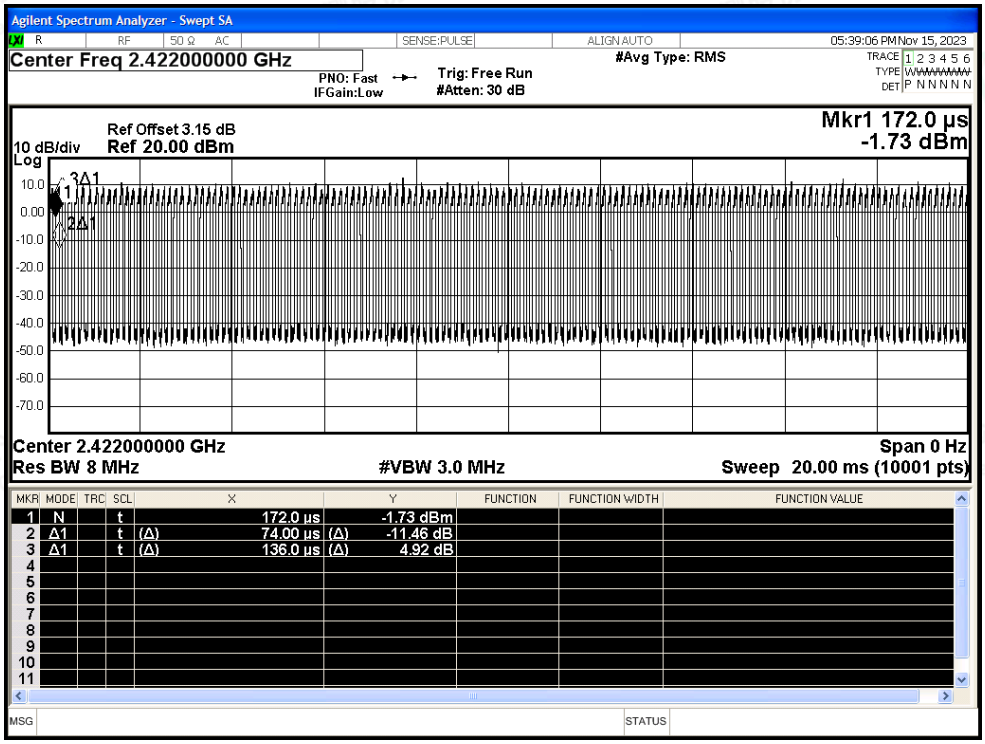
Duty Cycle NVNT n20 2437MHz Ant1



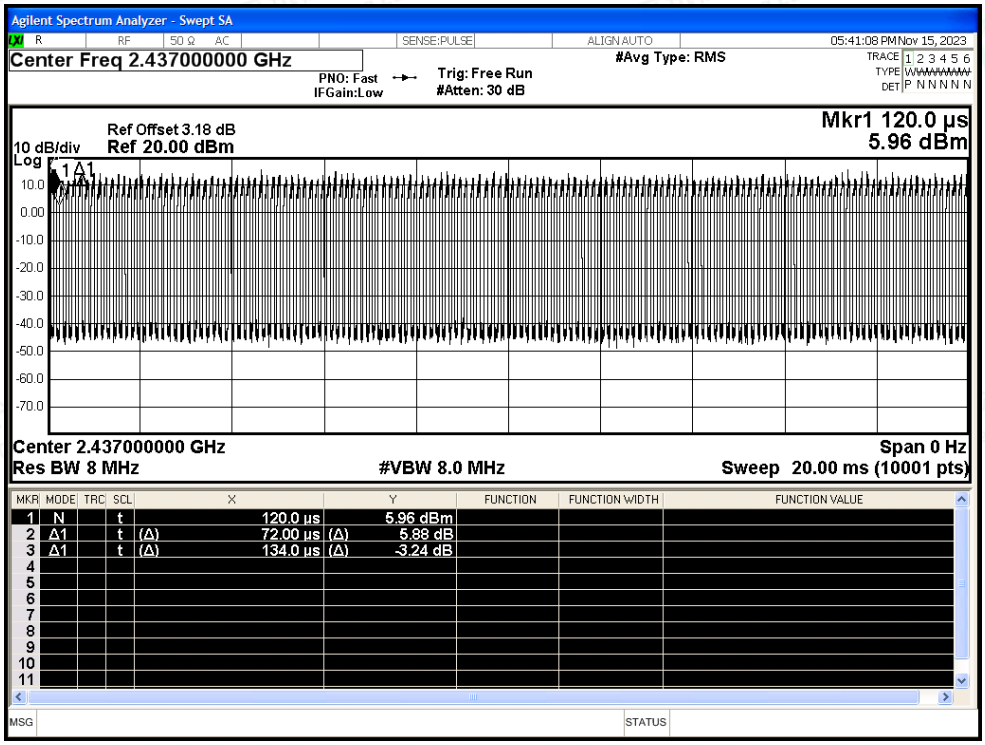
Duty Cycle NVNT n20 2462MHz Ant1



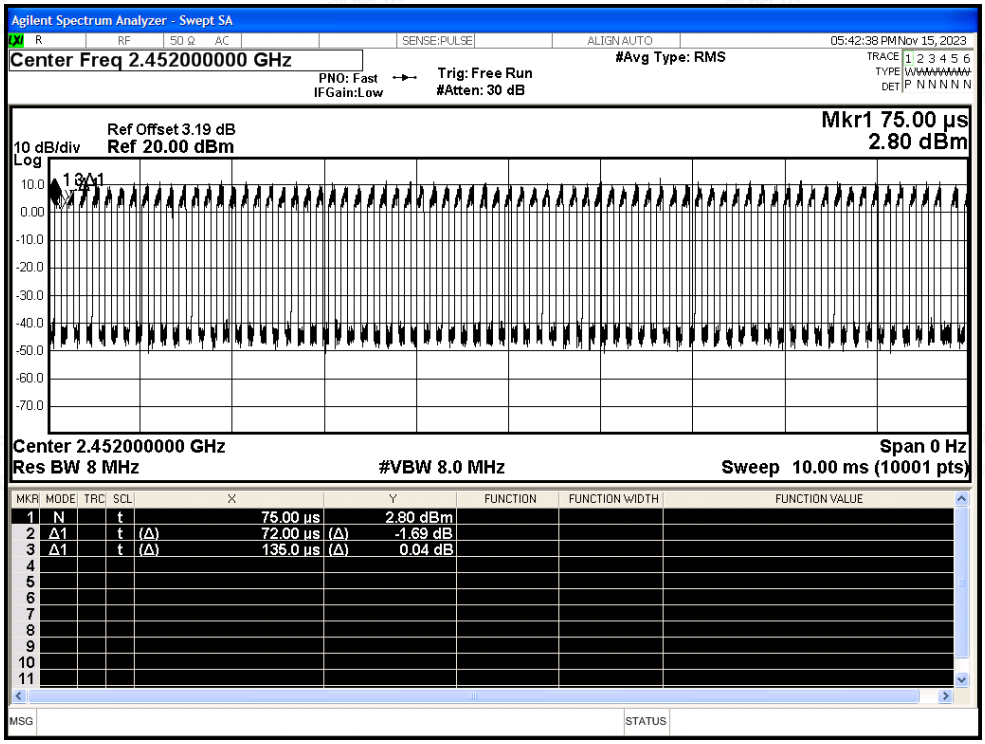
Duty Cycle NVNT n40 2422MHz Ant1



Duty Cycle NVNT n40 2437MHz Ant1



Duty Cycle NVNT n40 2452MHz Ant1



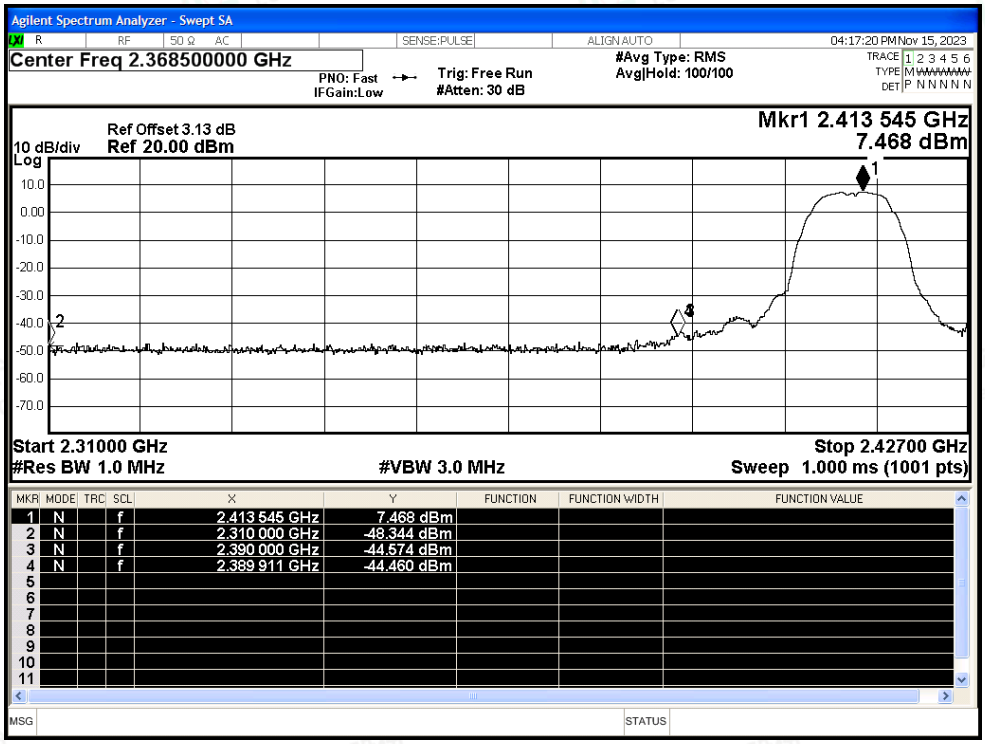
C.7 Restrict Band

Condition	Mode	Frequency (MHz)	Antenna	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
NVNT	b	2412	Ant0	2310	-48.34	3.45	50.34	Peak	74	Pass
NVNT	b	2412	Ant0	2310	-56.57	3.45	42.11	Average	54	Pass
NVNT	b	2412	Ant0	2389.911	-44.46	3.45	54.22	Peak	74	Pass
NVNT	b	2412	Ant0	2389.911	-49.13	3.45	49.55	Average	54	Pass
NVNT	b	2412	Ant0	2390	-44.57	3.45	54.11	Peak	74	Pass
NVNT	b	2412	Ant0	2390	-48.86	3.45	49.82	Average	54	Pass
NVNT	b	2462	Ant0	2483.5	-41.77	3.45	56.91	Peak	74	Pass
NVNT	b	2462	Ant0	2483.5	-47.12	3.45	51.56	Average	54	Pass
NVNT	b	2462	Ant0	2484.418	-40.44	3.45	58.24	Peak	74	Pass
NVNT	b	2462	Ant0	2484.736	-45.92	3.45	52.76	Average	54	Pass
NVNT	b	2462	Ant0	2500	-49.03	3.45	49.65	Peak	74	Pass
NVNT	b	2462	Ant0	2500	-55.72	3.45	42.96	Average	54	Pass
NVNT	g	2412	Ant0	2310	-50.89	3.45	47.79	Peak	74	Pass
NVNT	g	2412	Ant0	2310	-55.56	3.45	43.12	Average	54	Pass
NVNT	g	2412	Ant0	2389.56	-41.91	3.45	56.77	Peak	74	Pass
NVNT	g	2412	Ant0	2389.911	-48.02	3.45	50.66	Average	54	Pass
NVNT	g	2412	Ant0	2390	-44.24	3.45	54.44	Peak	74	Pass
NVNT	g	2412	Ant0	2390	-48.28	3.45	50.40	Average	54	Pass
NVNT	g	2462	Ant0	2483.5	-40.69	3.45	57.99	Peak	74	Pass
NVNT	g	2462	Ant0	2483.5	-49.97	3.45	48.71	Average	54	Pass
NVNT	g	2462	Ant0	2483.994	-35.94	3.45	62.74	Peak	74	Pass
NVNT	g	2462	Ant0	2483.994	-48.86	3.45	49.82	Average	54	Pass
NVNT	g	2462	Ant0	2500	-50.65	3.45	48.03	Peak	74	Pass
NVNT	g	2462	Ant0	2500	-54.88	3.45	43.80	Average	54	Pass
NVNT	n20	2412	Ant0	2310	-49.95	3.45	48.73	Peak	74	Pass
NVNT	n20	2412	Ant0	2310	-55.56	3.45	43.12	Average	54	Pass
NVNT	n20	2412	Ant0	2388.741	-44.23	3.45	54.45	Peak	74	Pass
NVNT	n20	2412	Ant0	2389.56	-50.24	3.45	48.44	Average	54	Pass
NVNT	n20	2412	Ant0	2390	-42.23	3.45	56.45	Peak	74	Pass
NVNT	n20	2412	Ant0	2390	-51.37	3.45	47.31	Average	54	Pass
NVNT	n20	2462	Ant0	2483.5	-41.77	3.45	56.91	Peak	74	Pass
NVNT	n20	2462	Ant0	2483.5	-47.02	3.45	51.66	Average	54	Pass
NVNT	n20	2462	Ant0	2484.047	-33.33	3.45	65.35	Peak	74	Pass
NVNT	n20	2462	Ant0	2483.517	-47.02	3.45	51.66	Average	54	Pass
NVNT	n20	2462	Ant0	2500	-47.94	3.45	50.74	Peak	74	Pass
NVNT	n20	2462	Ant0	2500	-54.82	3.45	43.86	Average	54	Pass
NVNT	n40	2422	Ant0	2310	-49.09	3.45	49.59	Peak	74	Pass

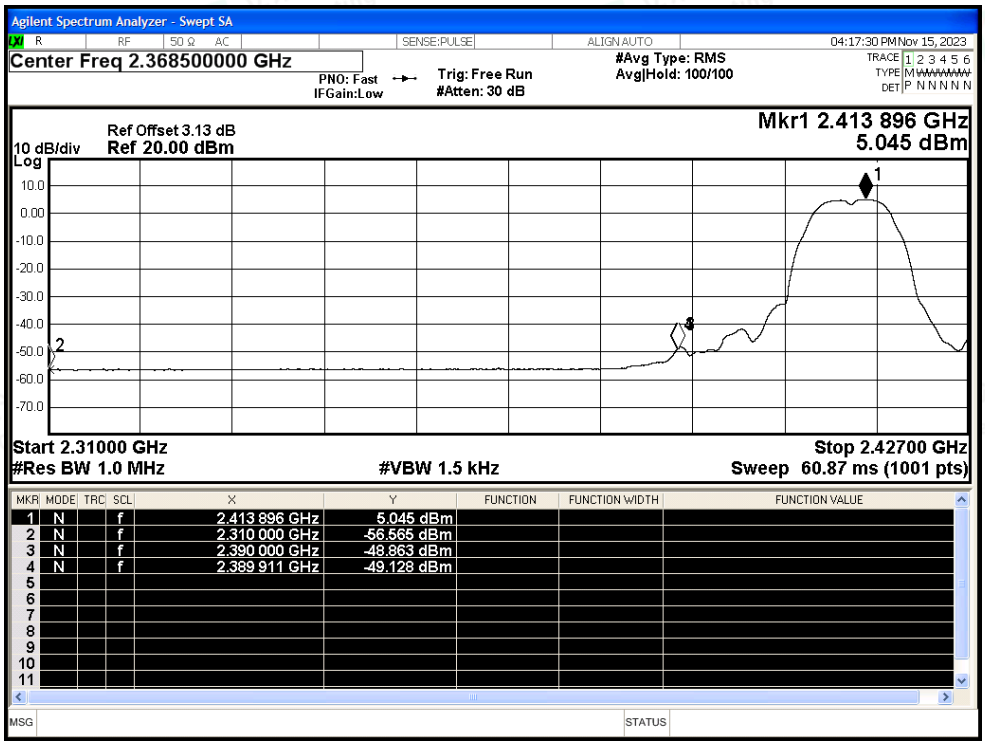
NVNT	n40	2422	Ant0	2310	-55.4	3.45	43.28	Average	54	Pass
NVNT	n40	2422	Ant0	2388.81	-35.9	3.45	62.78	Peak	74	Pass
NVNT	n40	2422	Ant0	2389.094	-45.11	3.45	53.57	Average	54	Pass
NVNT	n40	2422	Ant0	2390	-36.67	3.45	62.01	Peak	74	Pass
NVNT	n40	2422	Ant0	2390	-45.79	3.45	52.89	Average	54	Pass
NVNT	n40	2452	Ant0	2483.5	-34.4	3.45	64.28	Peak	74	Pass
NVNT	n40	2452	Ant0	2483.5	-43.32	3.45	55.36	Average	54	Pass
NVNT	n40	2452	Ant0	2483.698	-33.33	3.45	65.35	Peak	74	Pass
NVNT	n40	2452	Ant0	2483.542	-43.32	3.45	55.36	Average	54	Pass
NVNT	n40	2452	Ant0	2500	-49.09	3.45	49.59	Peak	74	Pass
NVNT	n40	2452	Ant0	2500	-54.77	3.45	43.91	Average	54	Pass

Test Graphs

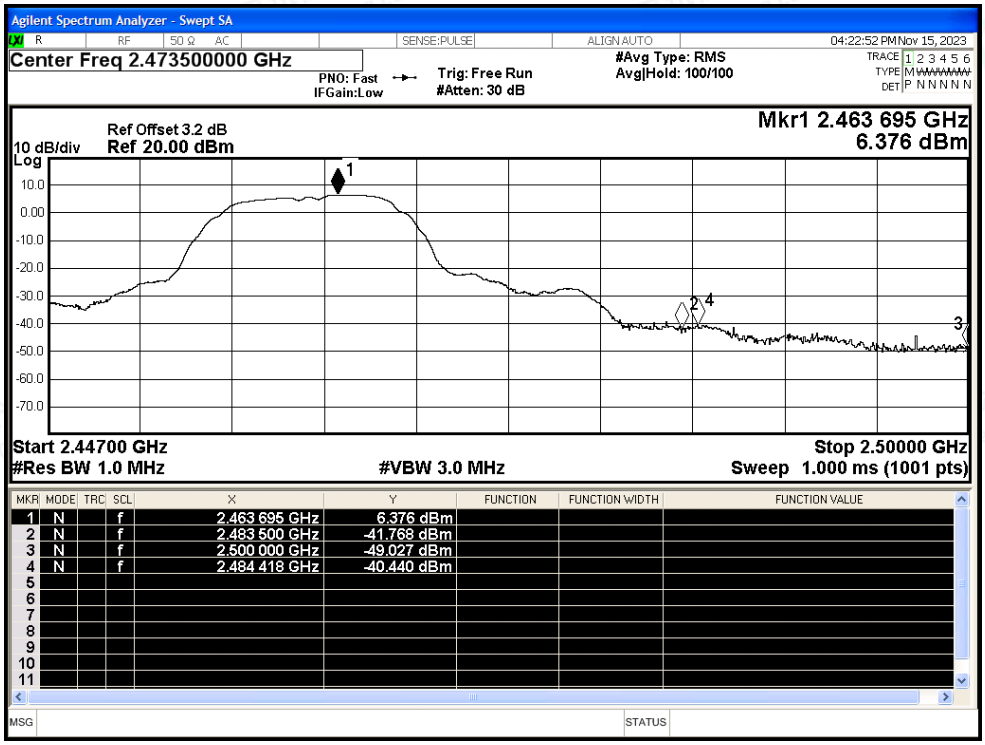
Restrict Band NVNT b 2412MHz Ant0 Peak



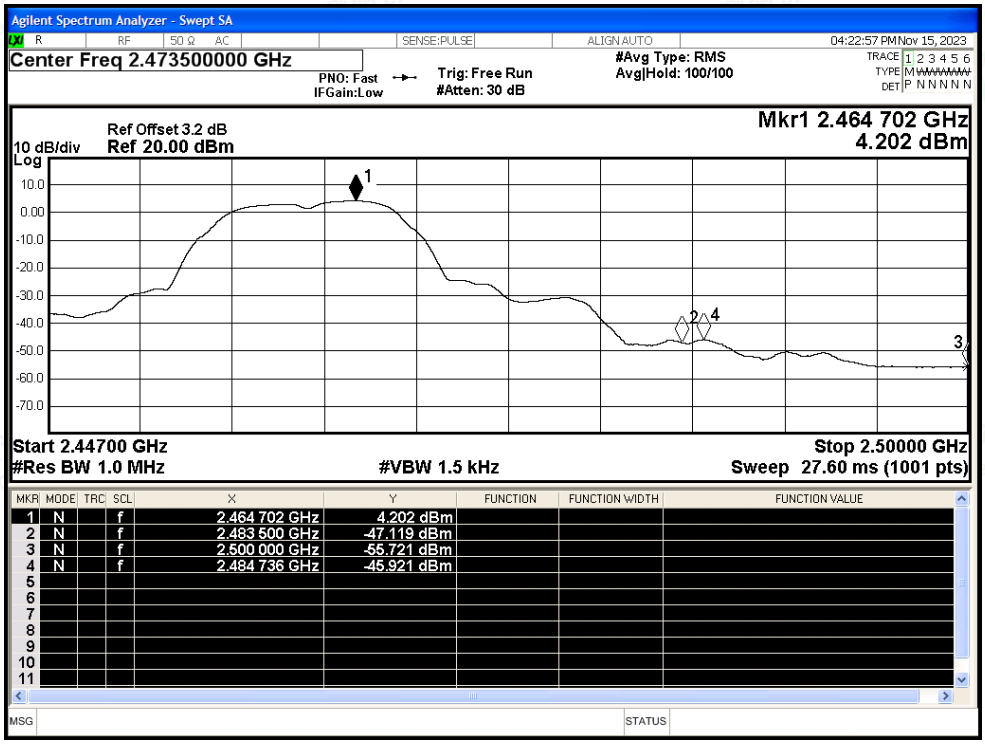
Restrict Band NVNT b 2412MHz Ant0 Average



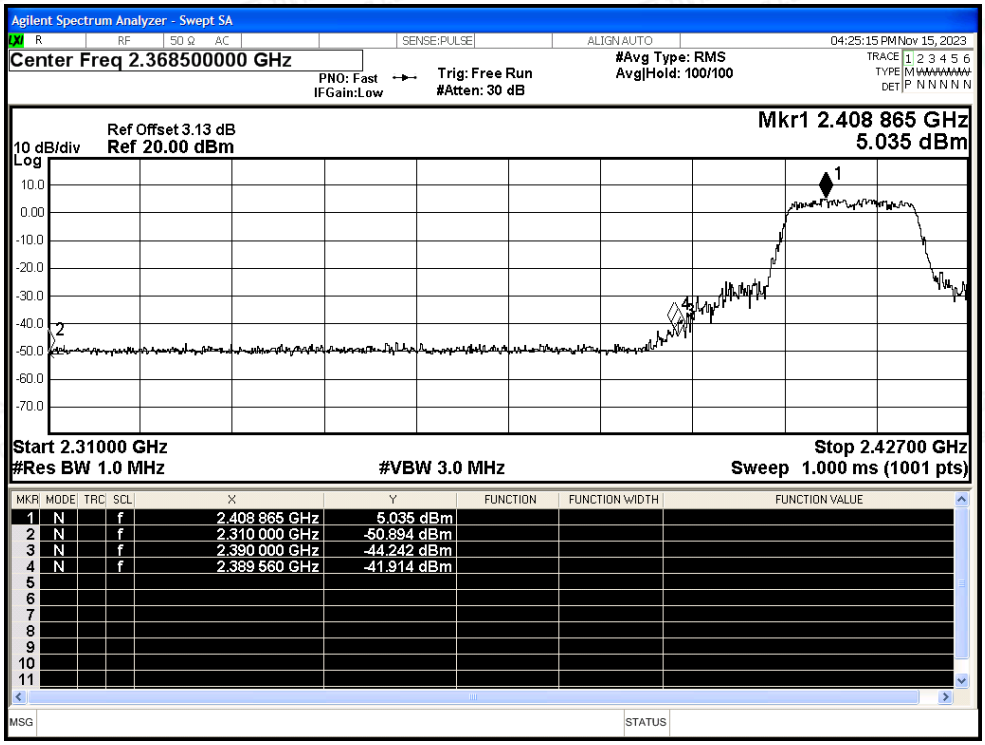
Restrict Band NVNT b 2462MHz Ant0 Peak



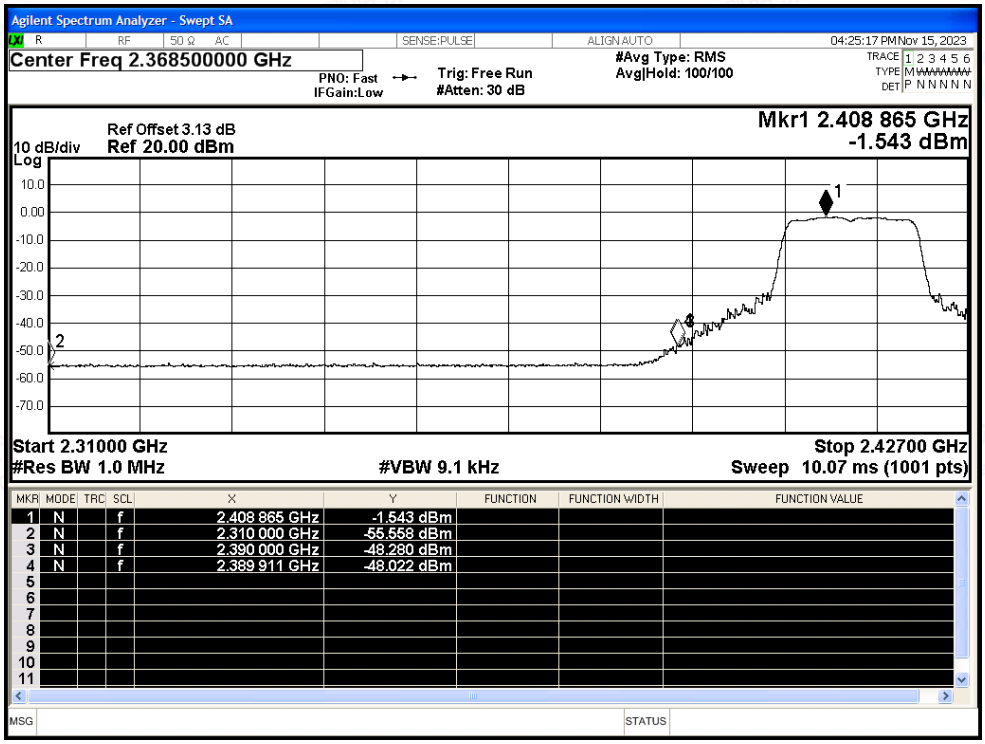
Restrict Band NVNT b 2462MHz Ant0 Average



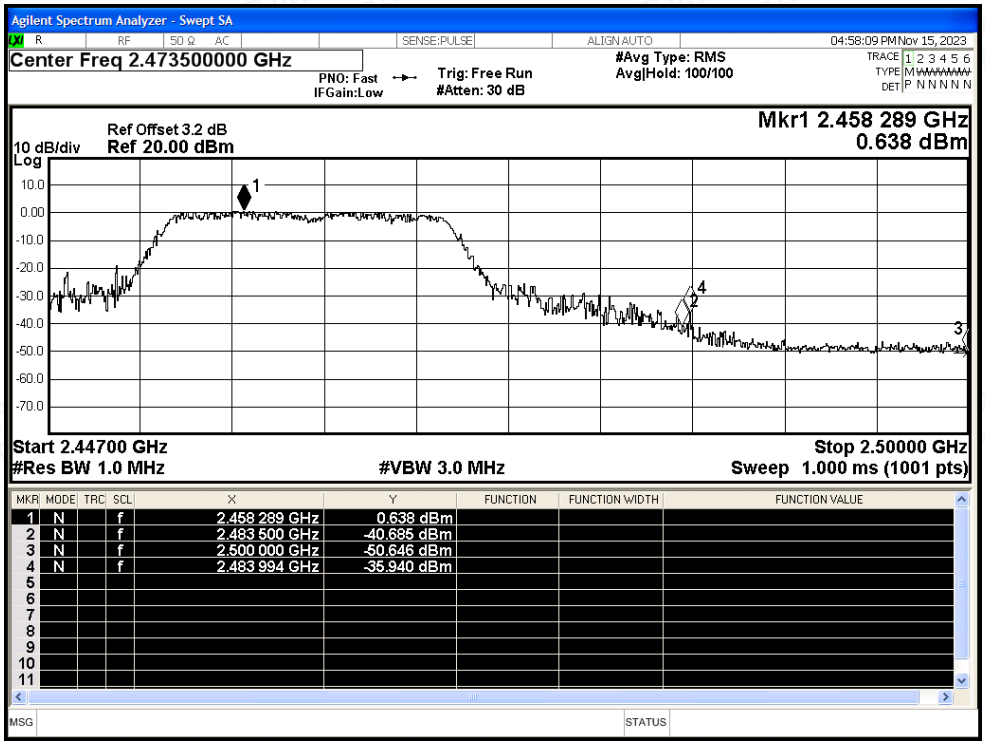
Restrict Band NVNT g 2412MHz Ant0 Peak



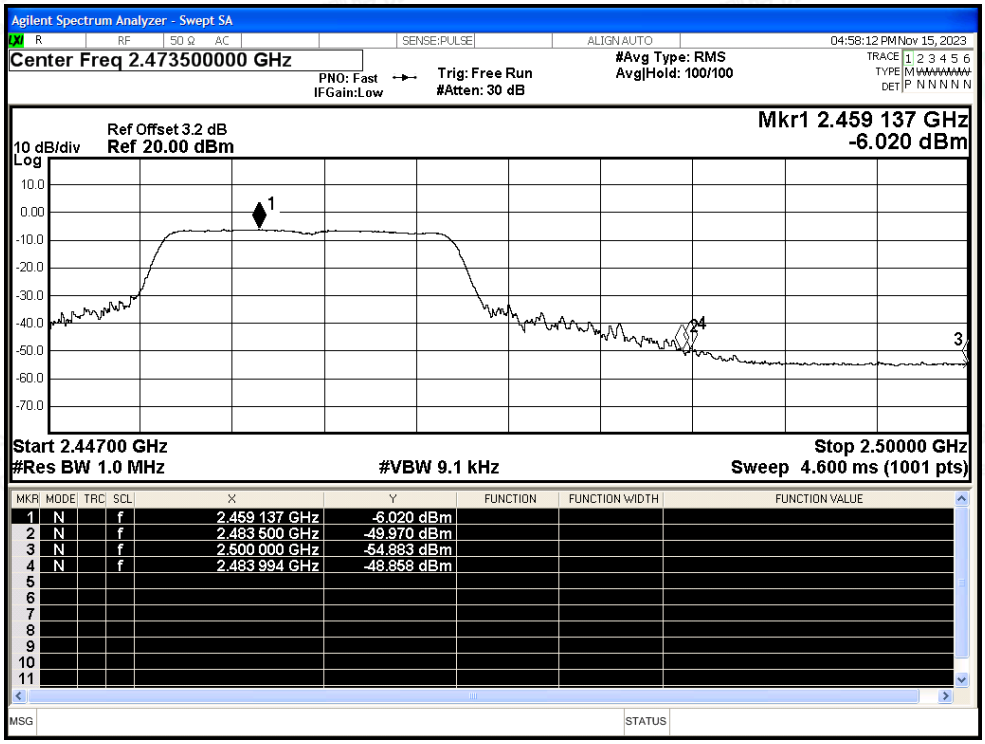
Restrict Band NVNT g 2412MHz Ant0 Average



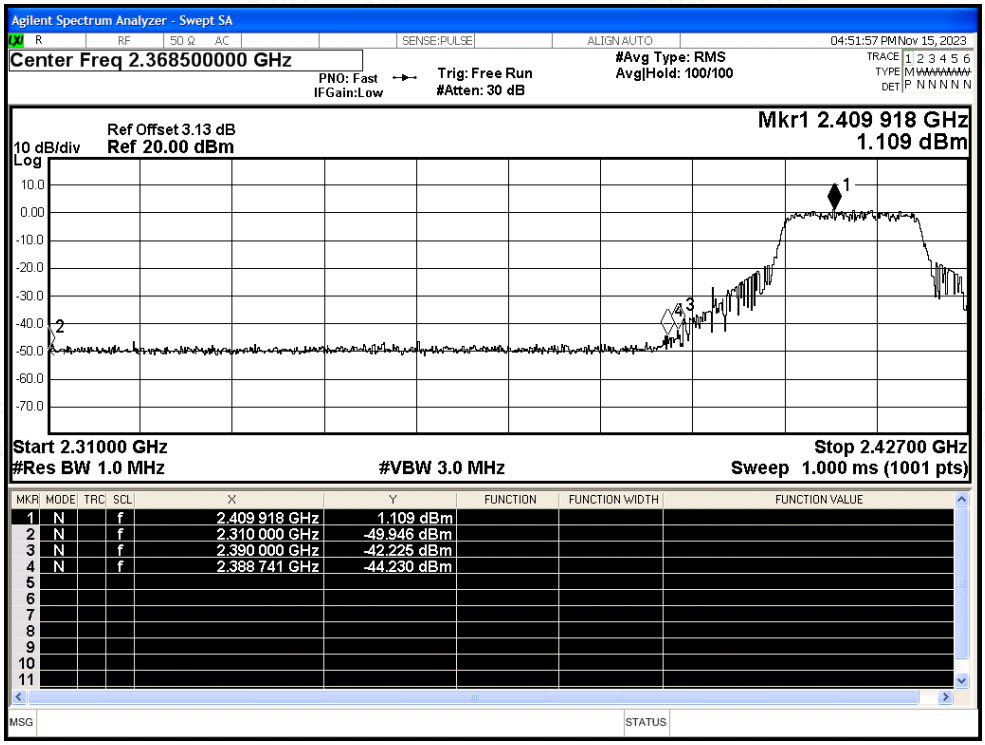
Restrict Band NVNT g 2462MHz Ant0 Peak



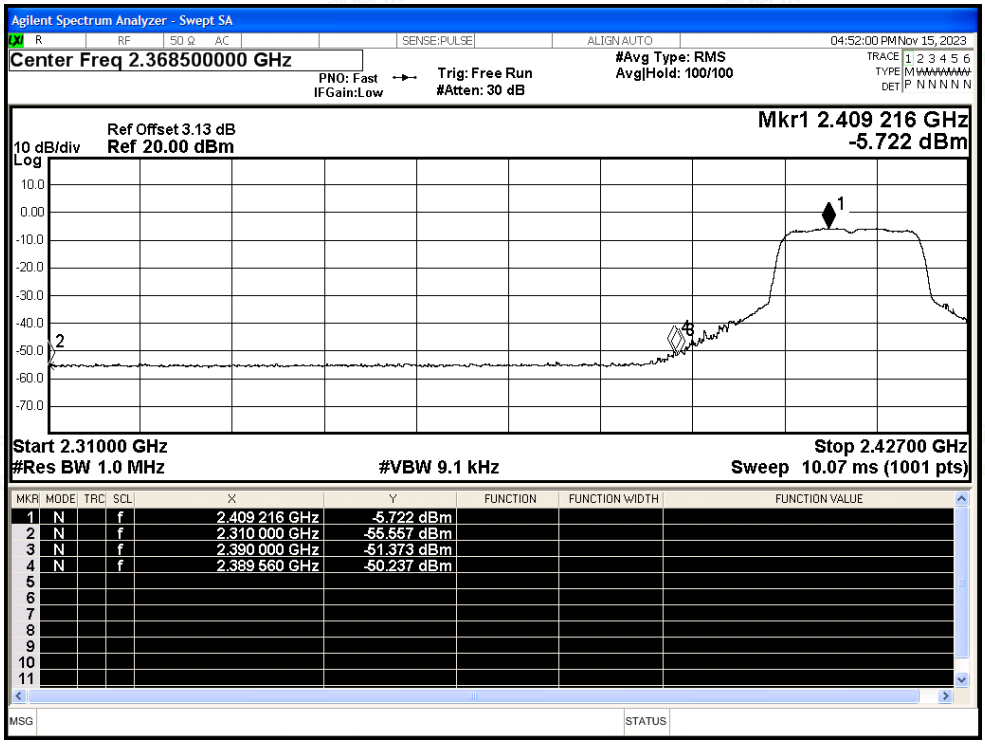
Restrict Band NVNT g 2462MHz Ant0 Average



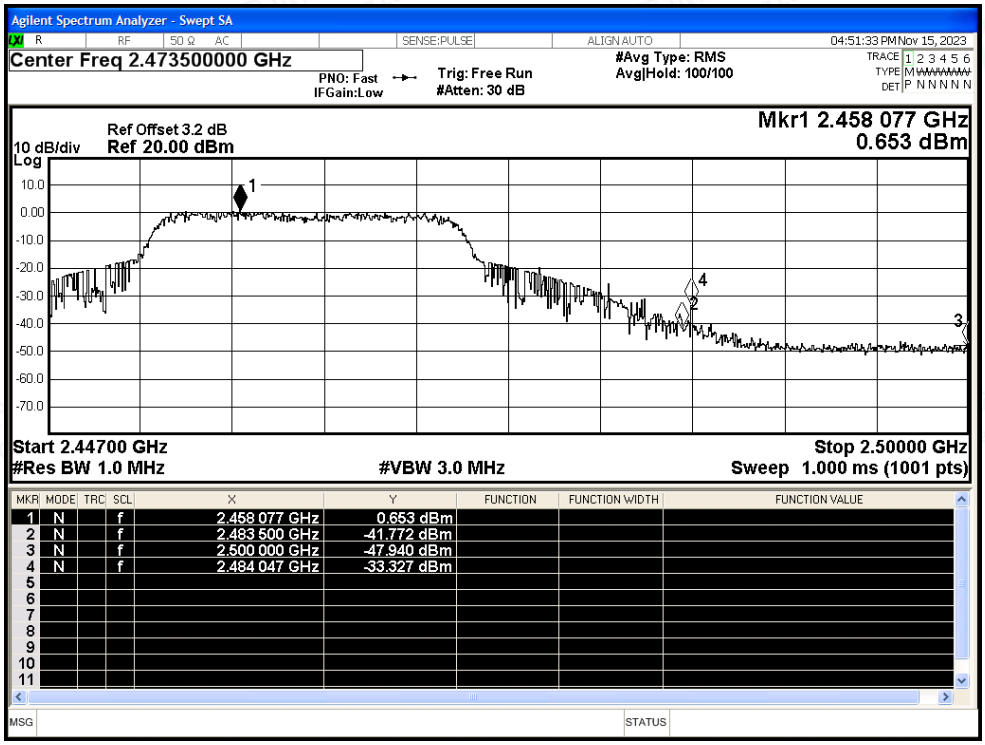
Restrict Band NVNT n20 2412MHz Ant0 Peak



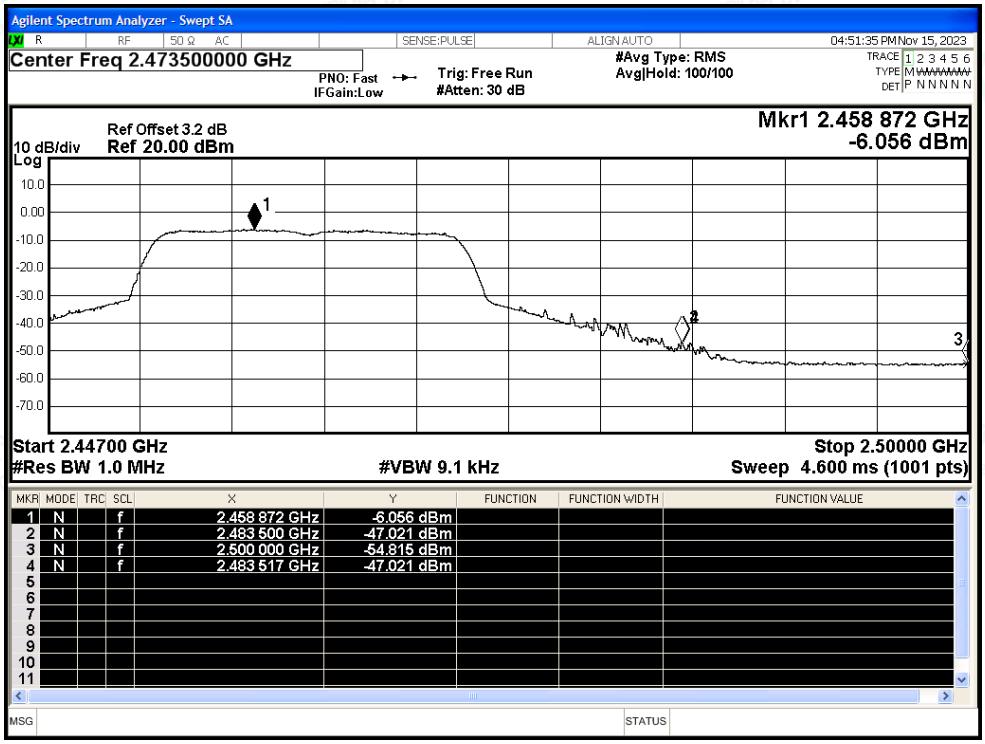
Restrict Band NVNT n20 2412MHz Ant0 Average



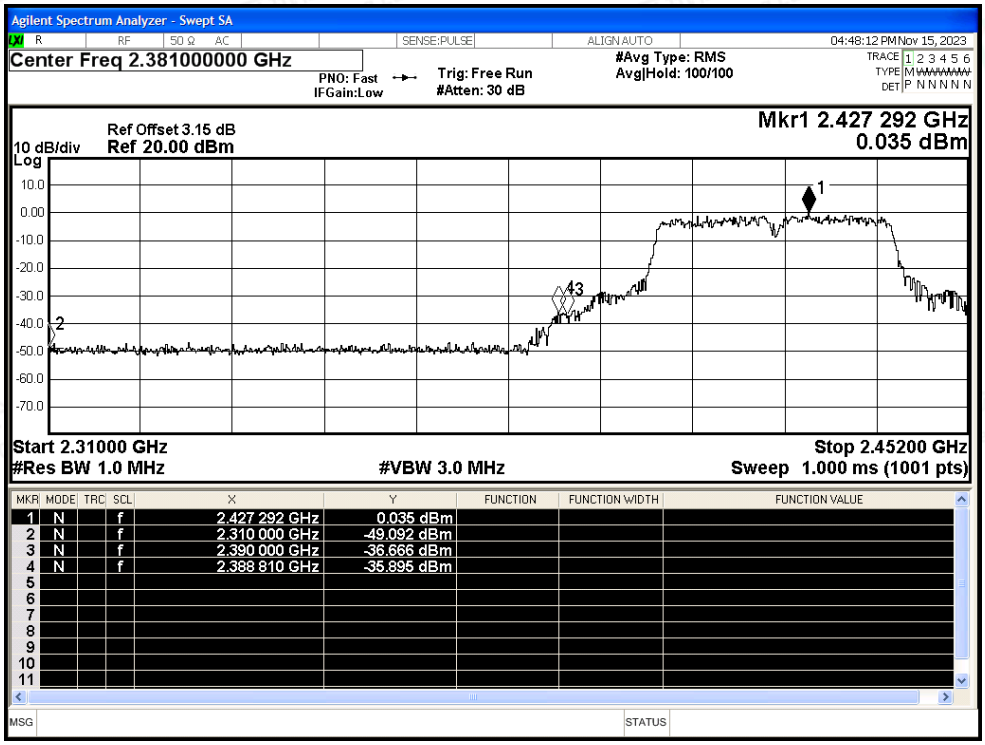
Restrict Band NVNT n20 2462MHz Ant0 Peak



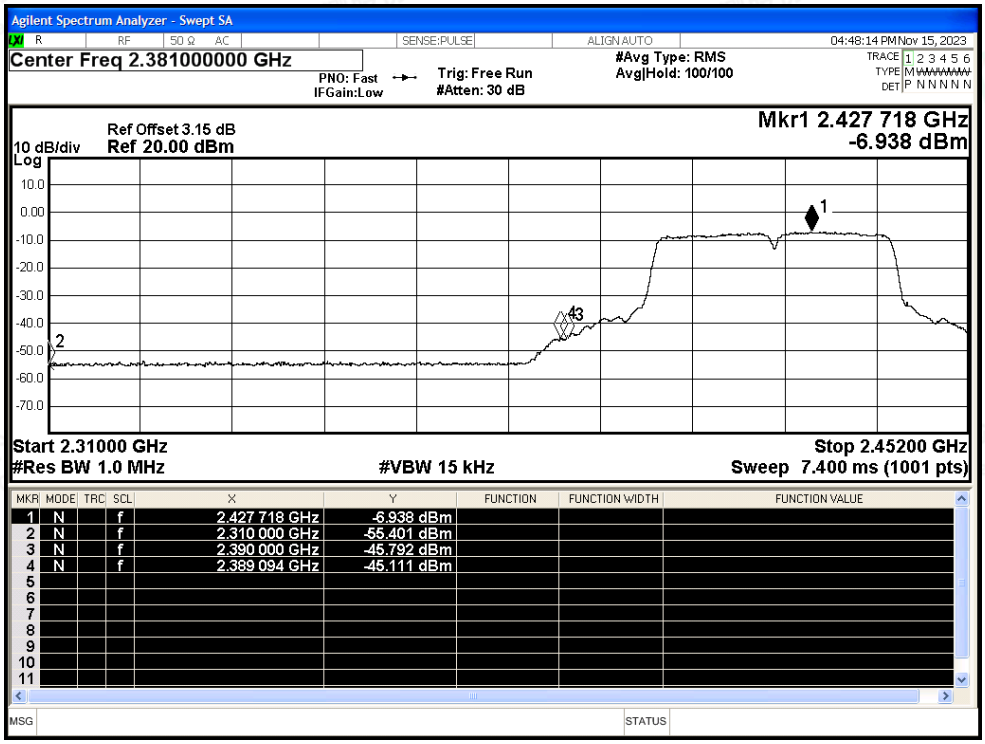
Restrict Band NVNT n20 2462MHz Ant0 Average



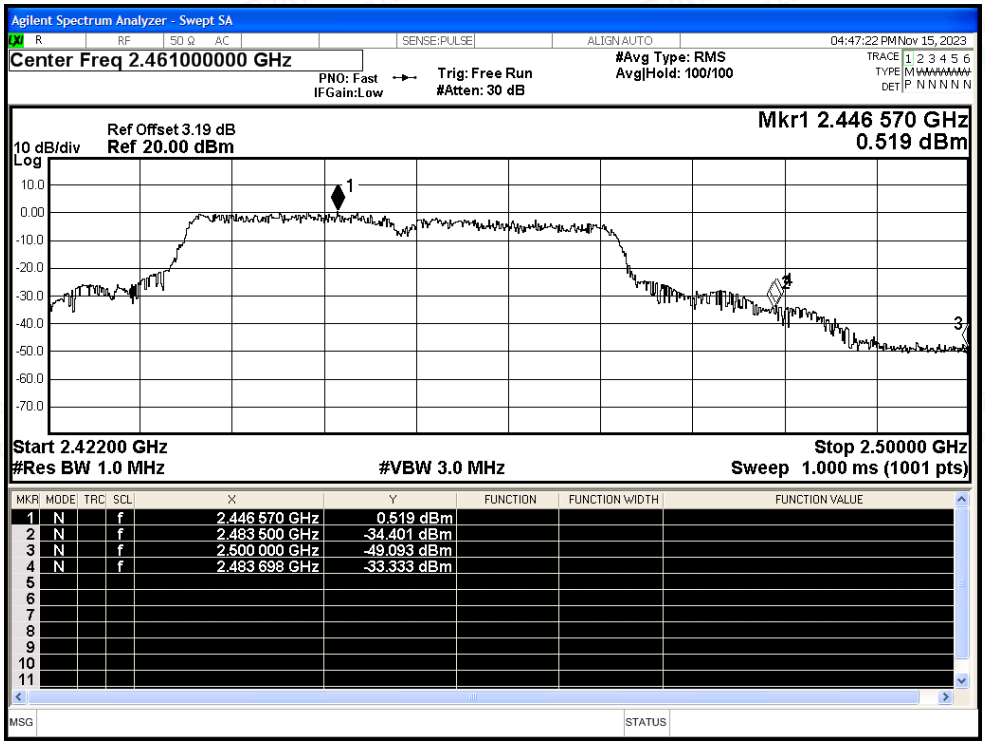
Restrict Band NVNT n40 2422MHz Ant0 Peak



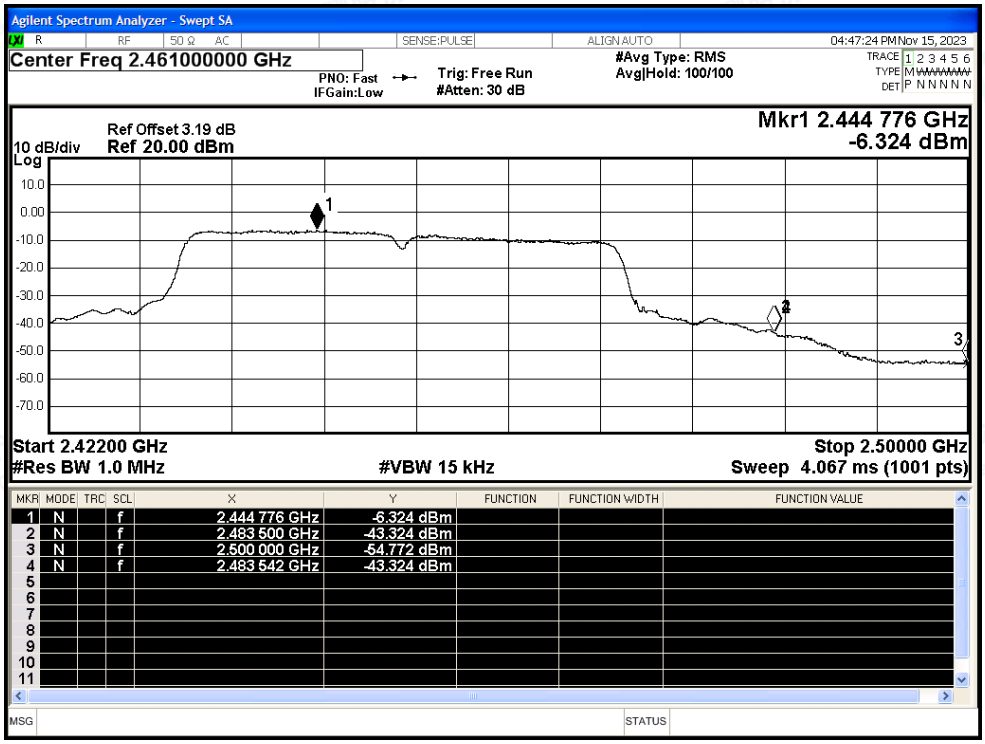
Restrict Band NVNT n40 2422MHz Ant0 Average



Restrict Band NVNT n40 2452MHz Ant0 Peak



Restrict Band NVNT n40 2452MHz Ant0 Average

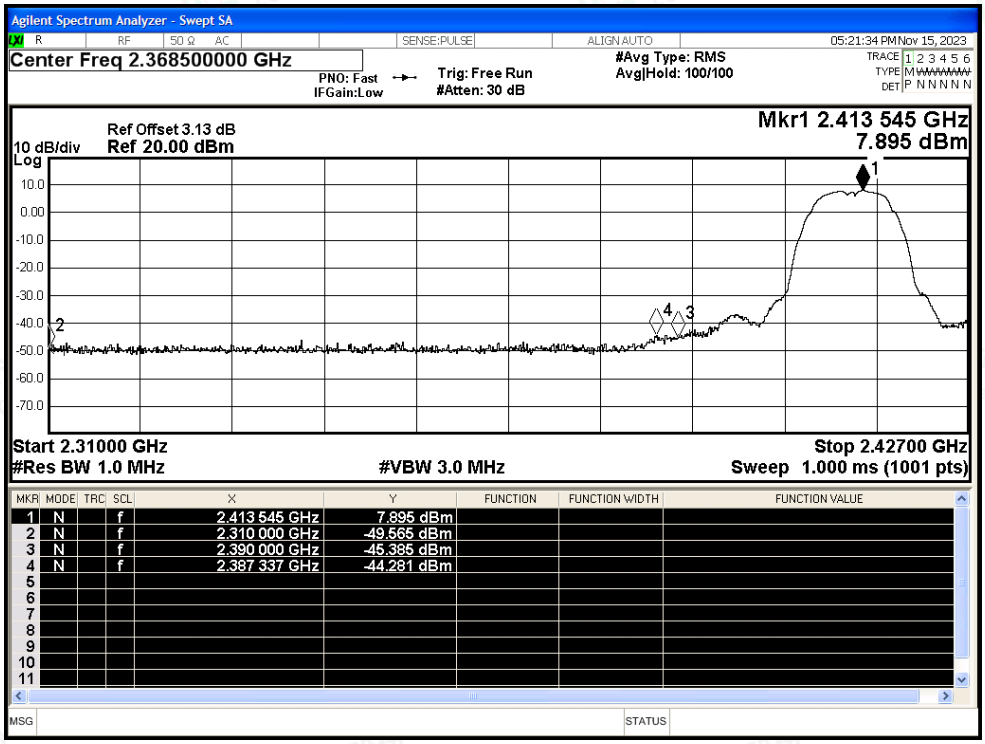


Condition	Mode	Frequency (MHz)	Antenna	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
NVNT	b	2412	Ant1	2310	-49.57	2	47.69	Peak	74	Pass
NVNT	b	2412	Ant1	2310	-56.4	2	40.86	Average	54	Pass
NVNT	b	2412	Ant1	2387.337	-44.28	2	52.98	Peak	74	Pass
NVNT	b	2412	Ant1	2389.911	-51.13	2	46.13	Average	54	Pass
NVNT	b	2412	Ant1	2390	-45.39	2	51.87	Peak	74	Pass
NVNT	b	2412	Ant1	2390	-50.68	2	46.58	Average	54	Pass
NVNT	b	2462	Ant1	2483.5	-40.31	2	56.95	Peak	74	Pass
NVNT	b	2462	Ant1	2483.5	-45.06	2	52.2	Average	54	Pass
NVNT	b	2462	Ant1	2484.577	-39.15	2	58.11	Peak	74	Pass
NVNT	b	2462	Ant1	2484.418	-44.93	2	52.33	Average	54	Pass
NVNT	b	2462	Ant1	2500	-48.07	2	49.19	Peak	74	Pass
NVNT	b	2462	Ant1	2500	-55.52	2	41.74	Average	54	Pass
NVNT	g	2412	Ant1	2310	-49.6	2	47.66	Peak	74	Pass
NVNT	g	2412	Ant1	2310	-55.36	2	41.9	Average	54	Pass
NVNT	g	2412	Ant1	2389.677	-38.72	2	58.54	Peak	74	Pass
NVNT	g	2412	Ant1	2389.326	-47.42	2	49.84	Average	54	Pass
NVNT	g	2412	Ant1	2390	-39.01	2	58.25	Peak	74	Pass
NVNT	g	2412	Ant1	2390	-48.59	2	48.67	Average	54	Pass
NVNT	g	2462	Ant1	2483.5	-44.74	2	52.52	Peak	74	Pass
NVNT	g	2462	Ant1	2483.5	-49.95	2	47.31	Average	54	Pass
NVNT	g	2462	Ant1	2483.729	-37.2	2	60.06	Peak	74	Pass
NVNT	g	2462	Ant1	2483.835	-46.29	2	50.97	Average	54	Pass
NVNT	g	2462	Ant1	2500	-47.83	2	49.43	Peak	74	Pass
NVNT	g	2462	Ant1	2500	-54.89	2	42.37	Average	54	Pass
NVNT	n20	2412	Ant1	2310	-49.71	2	47.55	Peak	74	Pass
NVNT	n20	2412	Ant1	2310	-55.58	2	41.68	Average	54	Pass
NVNT	n20	2412	Ant1	2389.794	-38.08	2	59.18	Peak	74	Pass
NVNT	n20	2412	Ant1	2389.911	-45.63	2	51.63	Average	54	Pass
NVNT	n20	2412	Ant1	2390	-34.44	2	62.82	Peak	74	Pass
NVNT	n20	2412	Ant1	2390	-46.16	2	51.1	Average	54	Pass
NVNT	n20	2462	Ant1	2483.5	-38.83	2	58.43	Peak	74	Pass
NVNT	n20	2462	Ant1	2483.5	-47.55	2	49.71	Average	54	Pass
NVNT	n20	2462	Ant1	2484.312	-33.17	2	64.09	Peak	74	Pass
NVNT	n20	2462	Ant1	2483.835	-47	2	50.26	Average	54	Pass
NVNT	n20	2462	Ant1	2500	-48.85	2	48.41	Peak	74	Pass
NVNT	n20	2462	Ant1	2500	-54.98	2	42.28	Average	54	Pass
NVNT	n40	2422	Ant1	2310	-49.02	2	48.24	Peak	74	Pass
NVNT	n40	2422	Ant1	2310	-55.18	2	42.08	Average	54	Pass
NVNT	n40	2422	Ant1	2389.662	-35.71	2	61.55	Peak	74	Pass

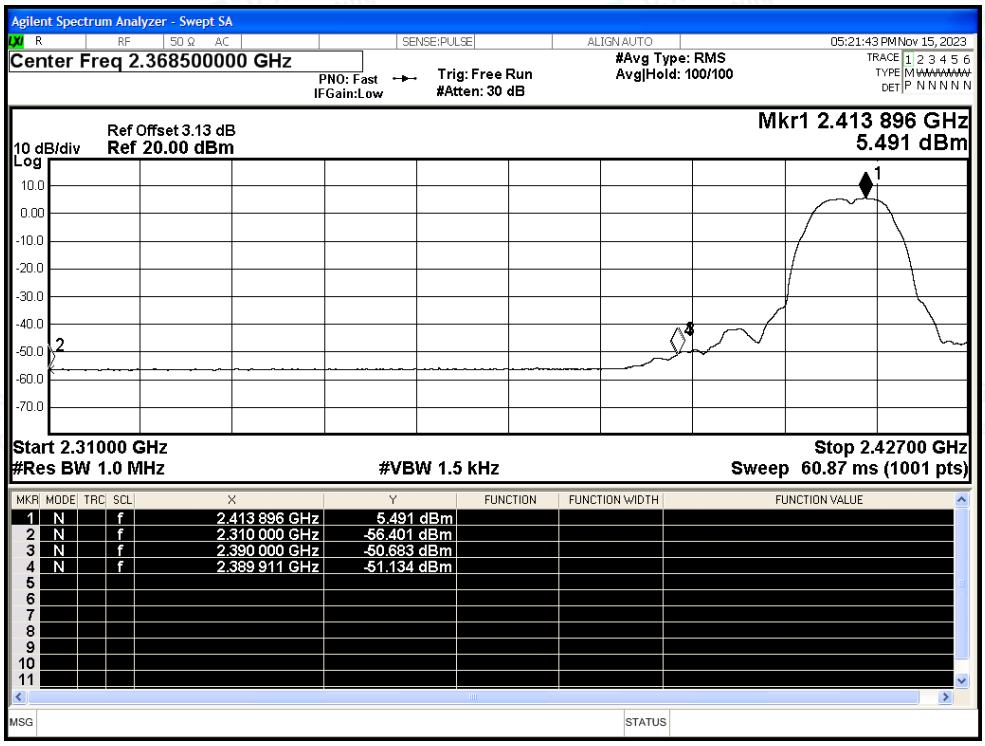
NVNT	n40	2422	Ant1	2389.804	-44.92	2	52.34	Average	54	Pass
NVNT	n40	2422	Ant1	2390	-38.38	2	58.88	Peak	74	Pass
NVNT	n40	2422	Ant1	2390	-45.34	2	51.92	Average	54	Pass
NVNT	n40	2452	Ant1	2483.5	-35.74	2	61.52	Peak	74	Pass
NVNT	n40	2452	Ant1	2483.5	-43.49	2	53.77	Average	54	Pass
NVNT	n40	2452	Ant1	2483.62	-33.88	2	63.38	Peak	74	Pass
NVNT	n40	2452	Ant1	2483.62	-43.71	2	53.55	Average	54	Pass
NVNT	n40	2452	Ant1	2500	-48.71	2	48.55	Peak	74	Pass
NVNT	n40	2452	Ant1	2500	-54.6	2	42.66	Average	54	Pass

Test Graphs

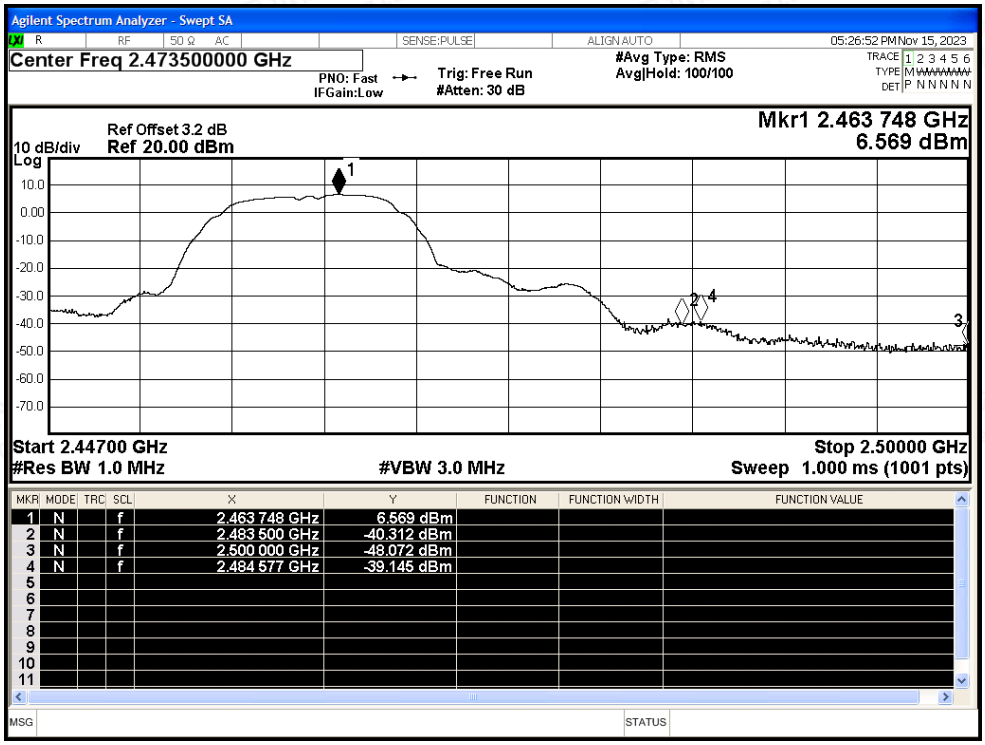
Restrict Band NVNT b 2412MHz Ant1 Peak



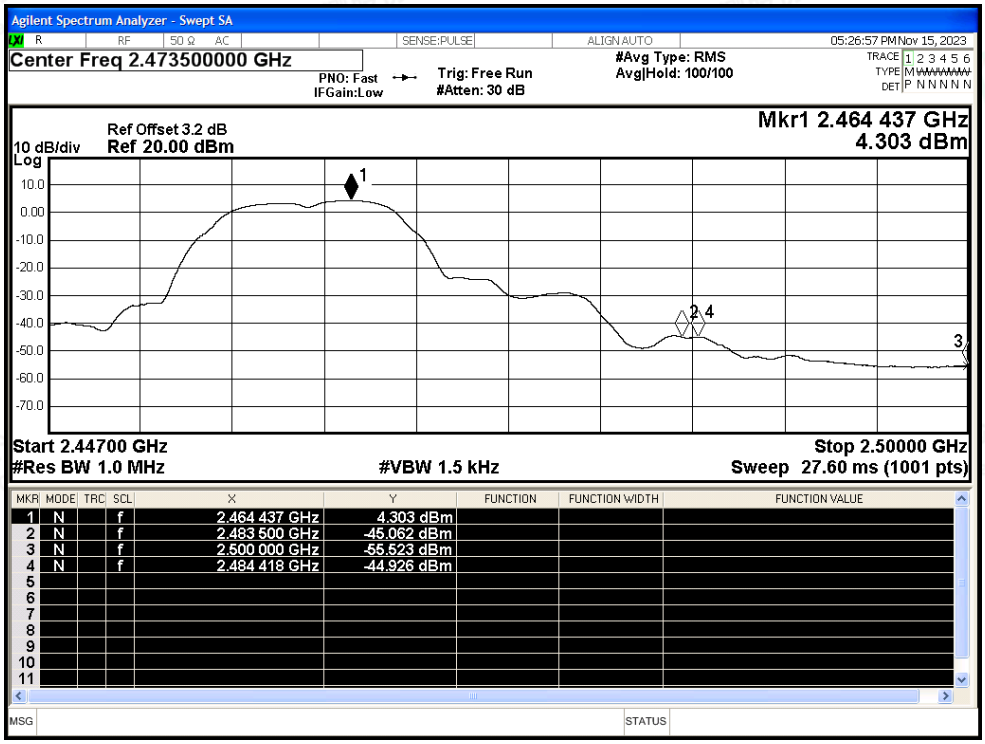
Restrict Band NVNT b 2412MHz Ant1 Average



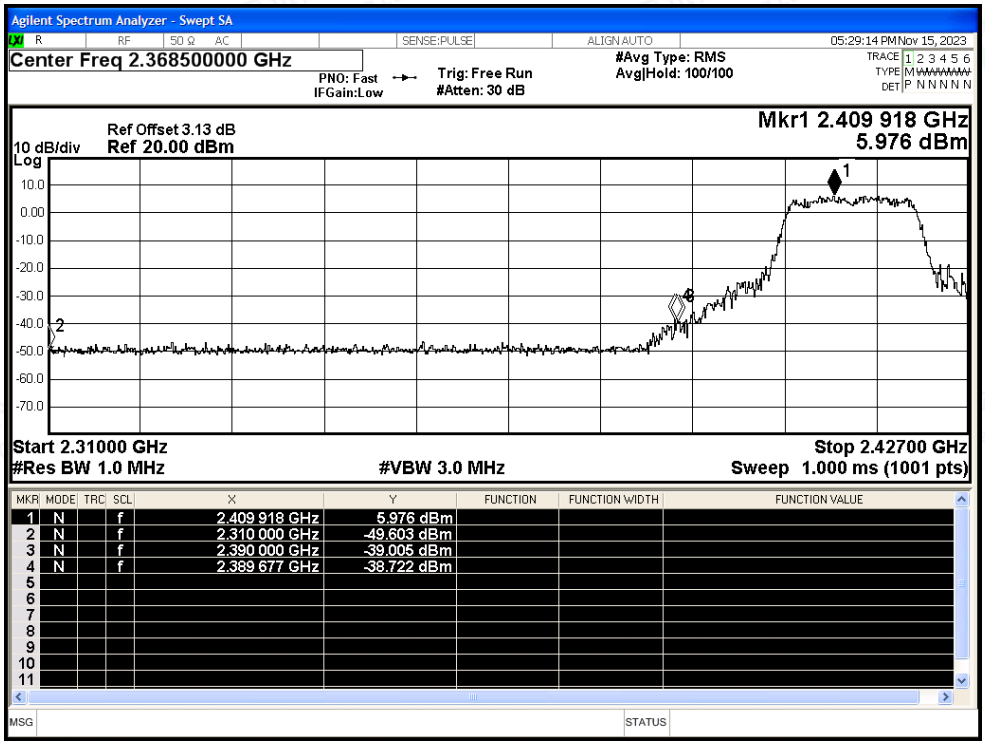
Restrict Band NVNT b 2462MHz Ant1 Peak



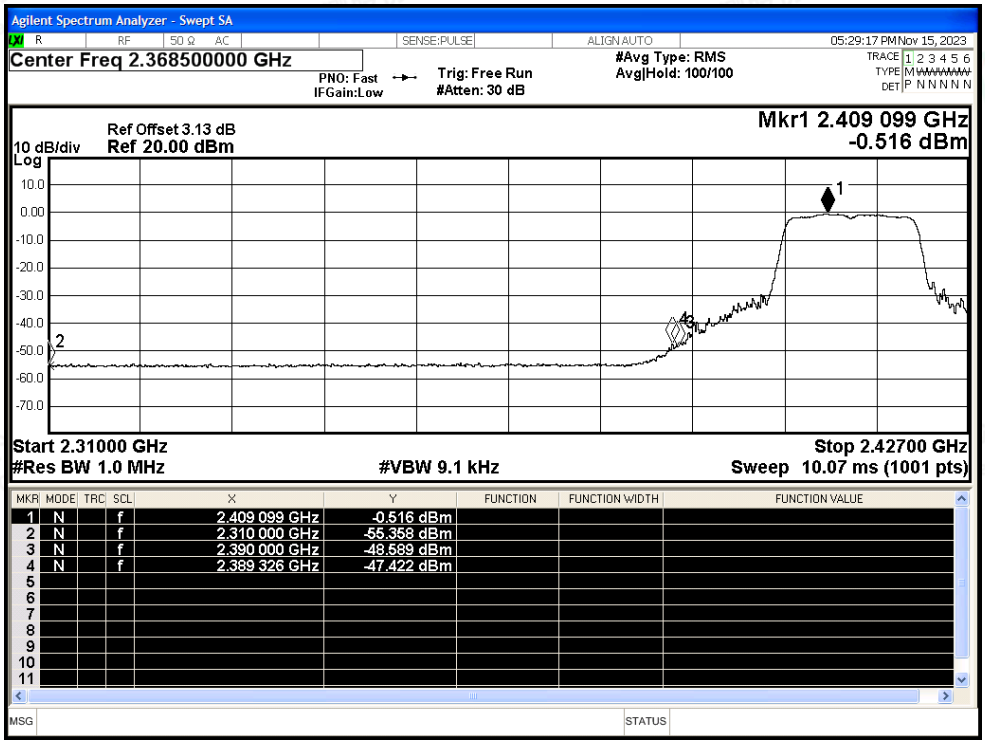
Restrict Band NVNT b 2462MHz Ant1 Average



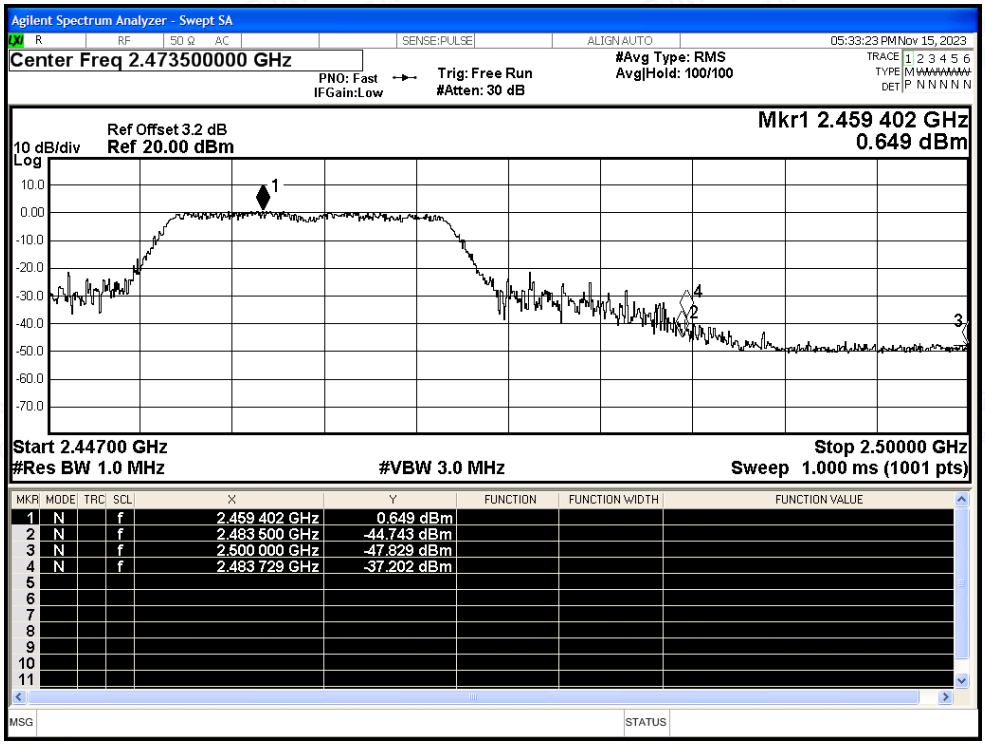
Restrict Band NVNT g 2412MHz Ant1 Peak



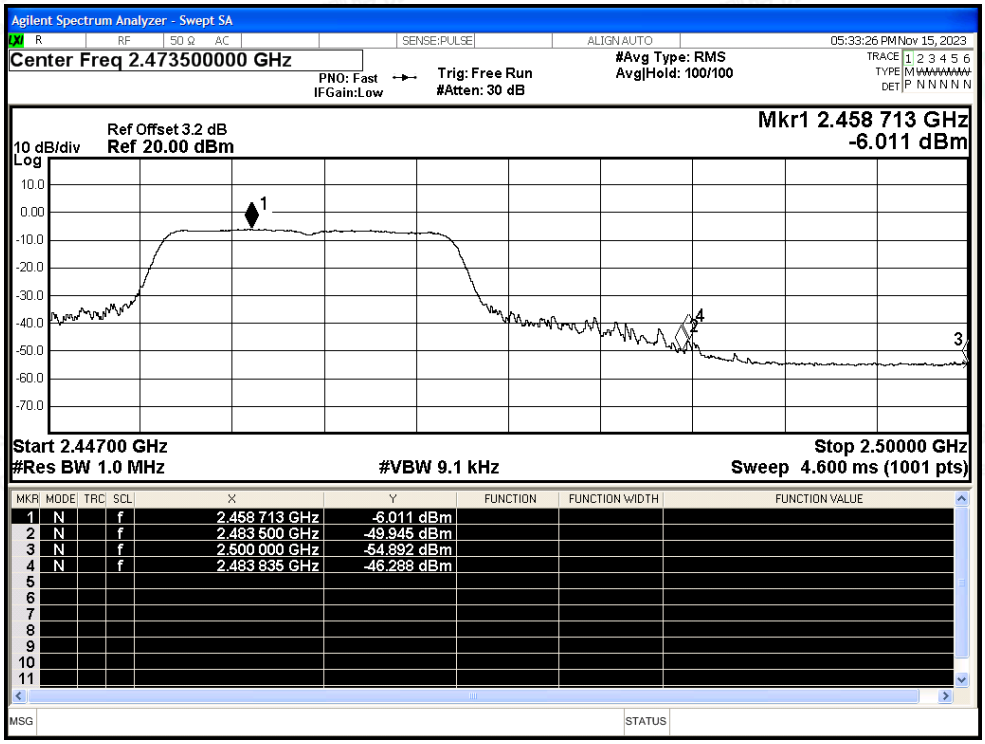
Restrict Band NVNT g 2412MHz Ant1 Average



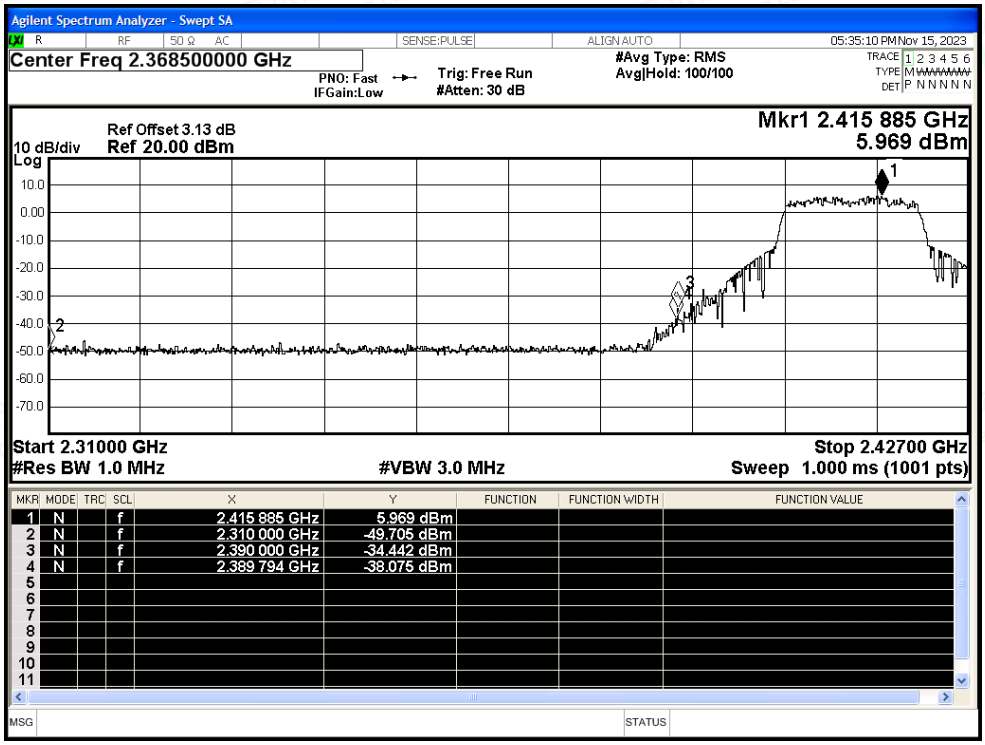
Restrict Band NVNT g 2462MHz Ant1 Peak



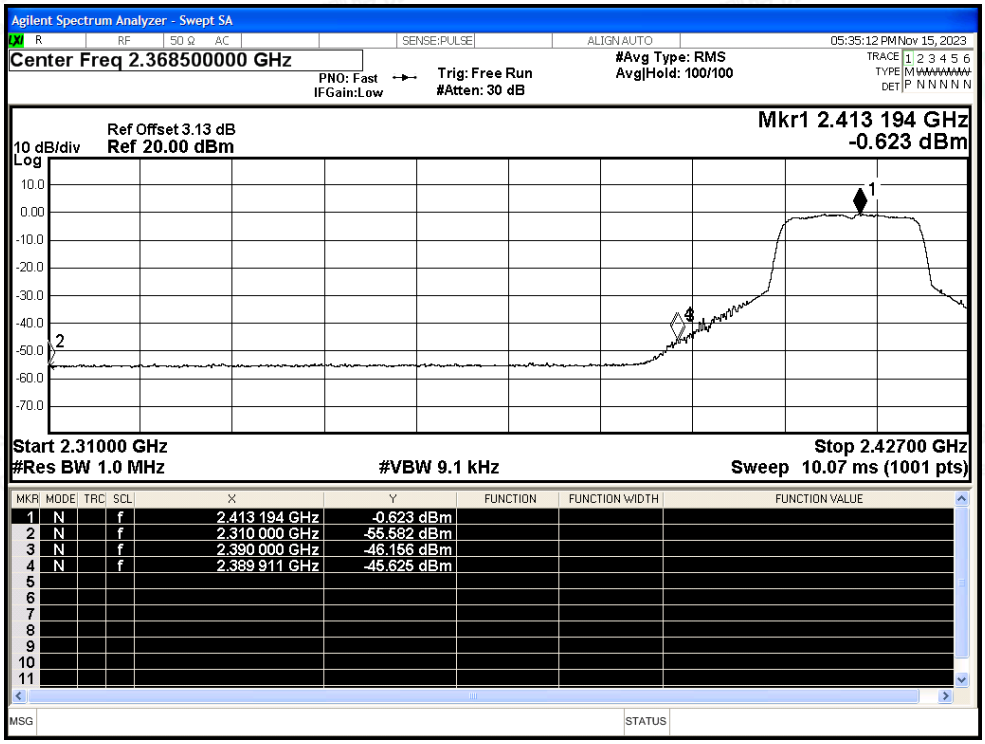
Restrict Band NVNT g 2462MHz Ant1 Average



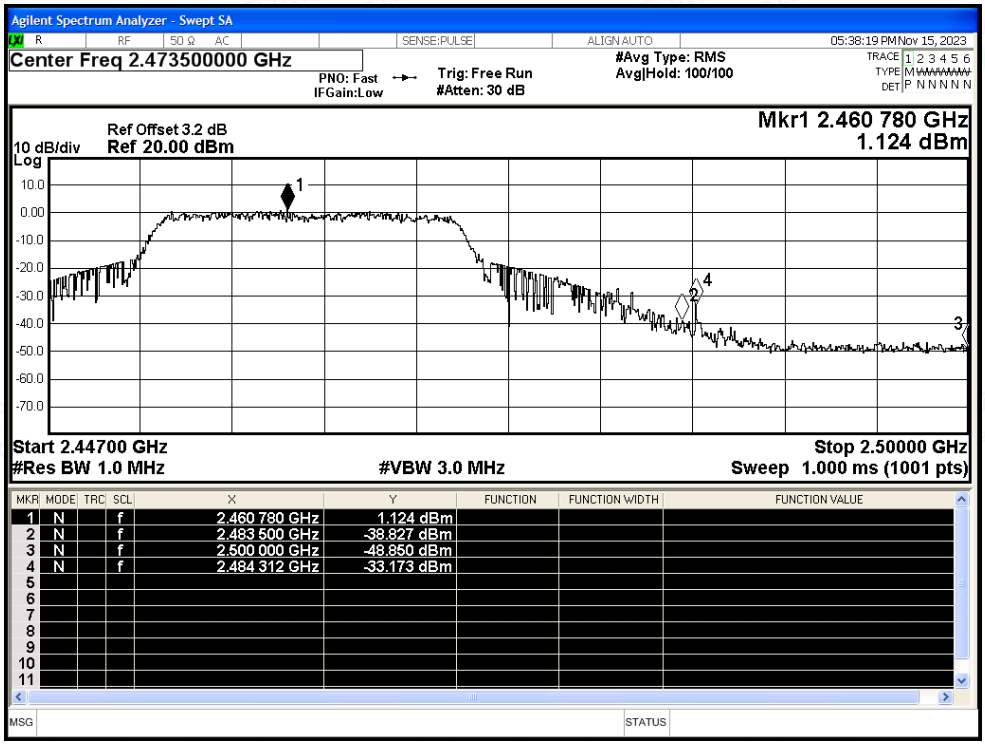
Restrict Band NVNT n20 2412MHz Ant1 Peak



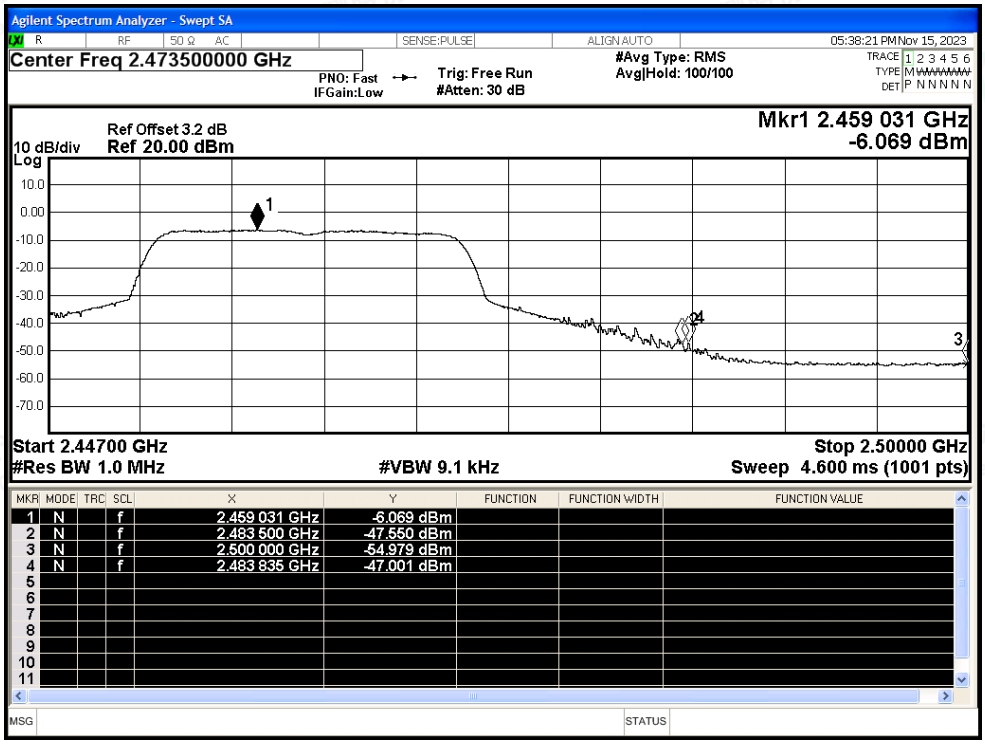
Restrict Band NVNT n20 2412MHz Ant1 Average



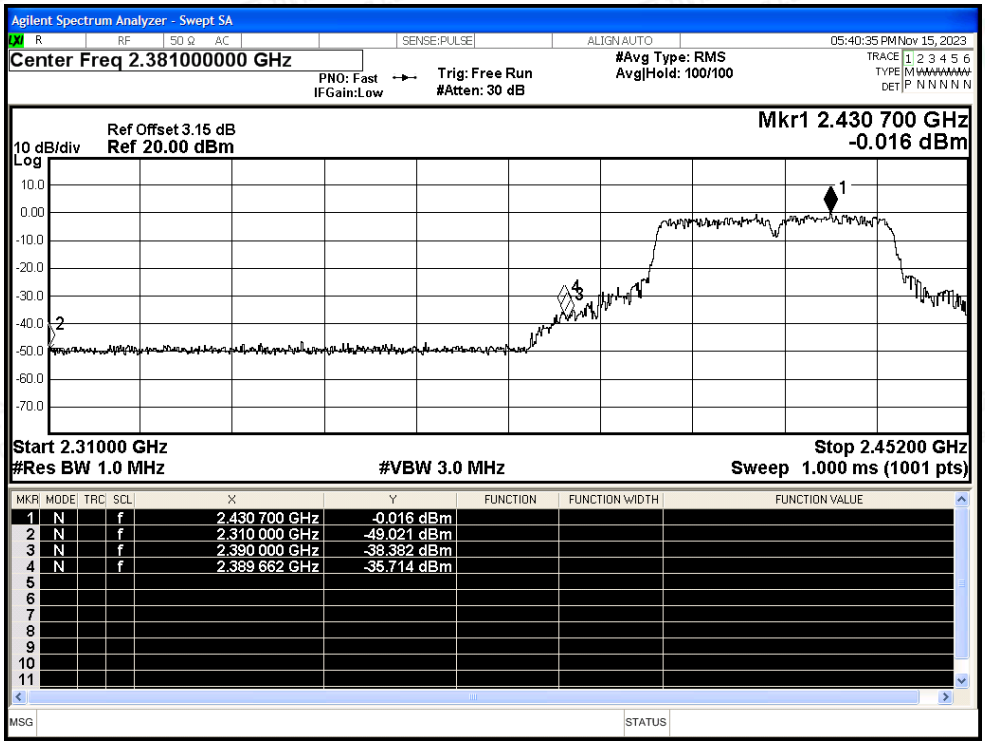
Restrict Band NVNT n20 2462MHz Ant1 Peak



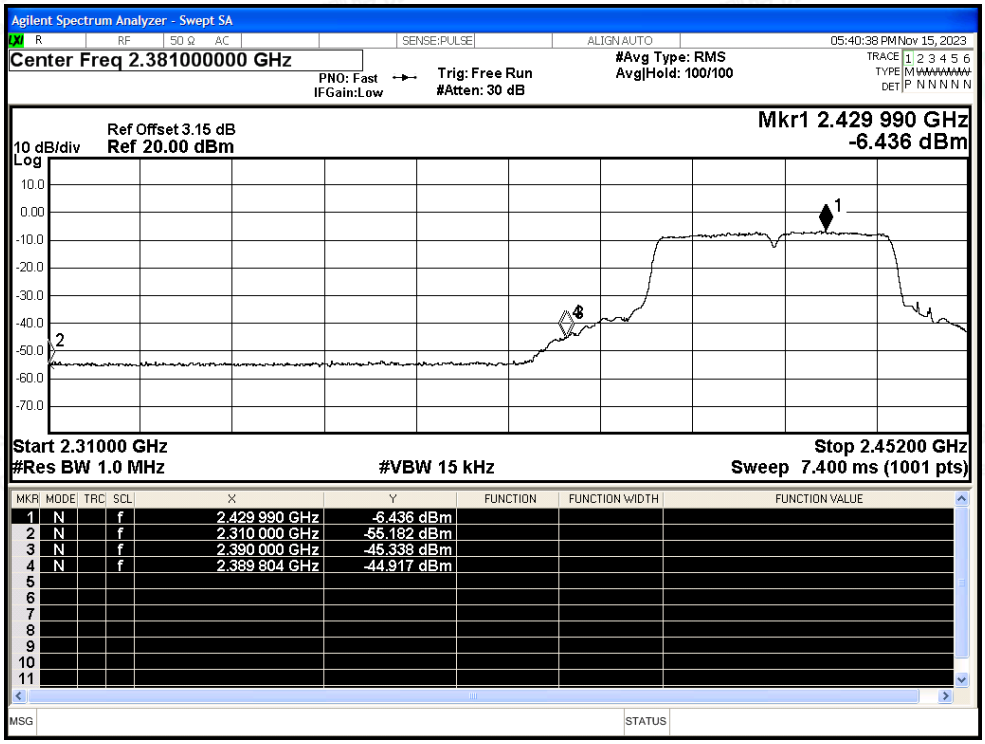
Restrict Band NVNT n20 2462MHz Ant1 Average



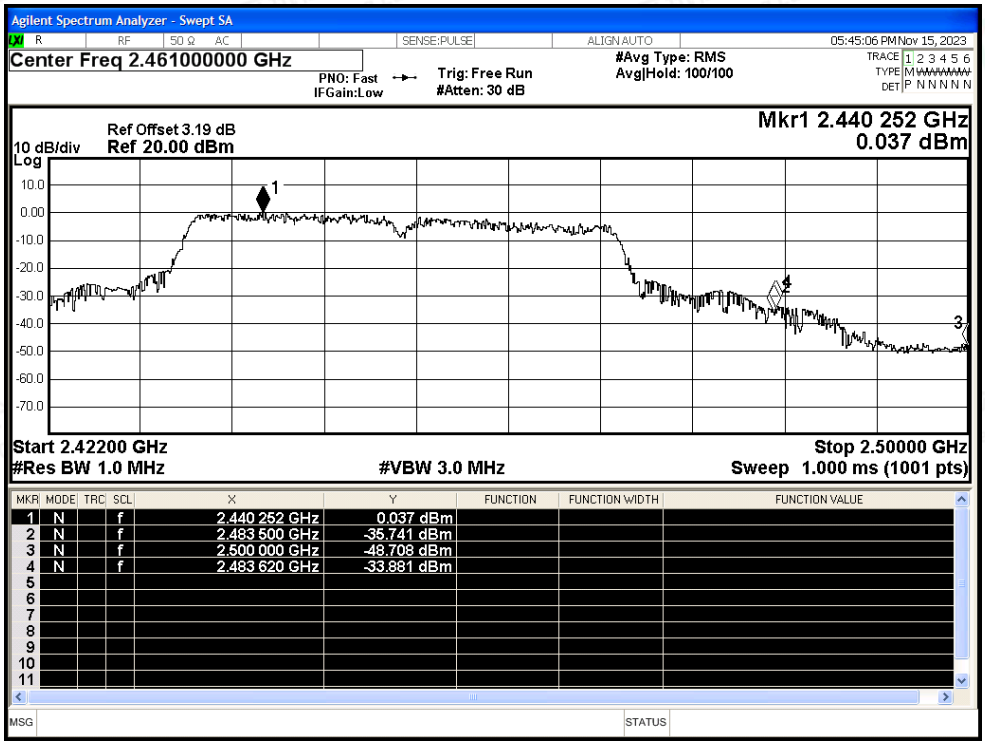
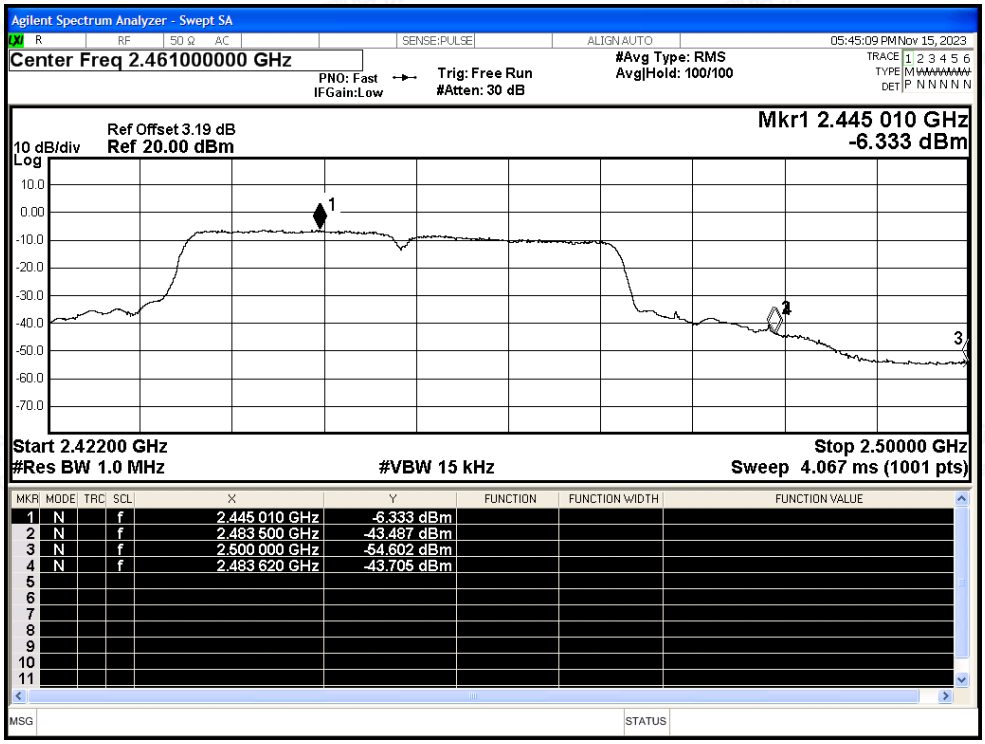
Restrict Band NVNT n40 2422MHz Ant1 Peak



Restrict Band NVNT n40 2422MHz Ant1 Average



Restrict Band NVNT n40 2452MHz Ant1 Peak



Restrict Band NVNT n40 2452MHz Ant1 Average