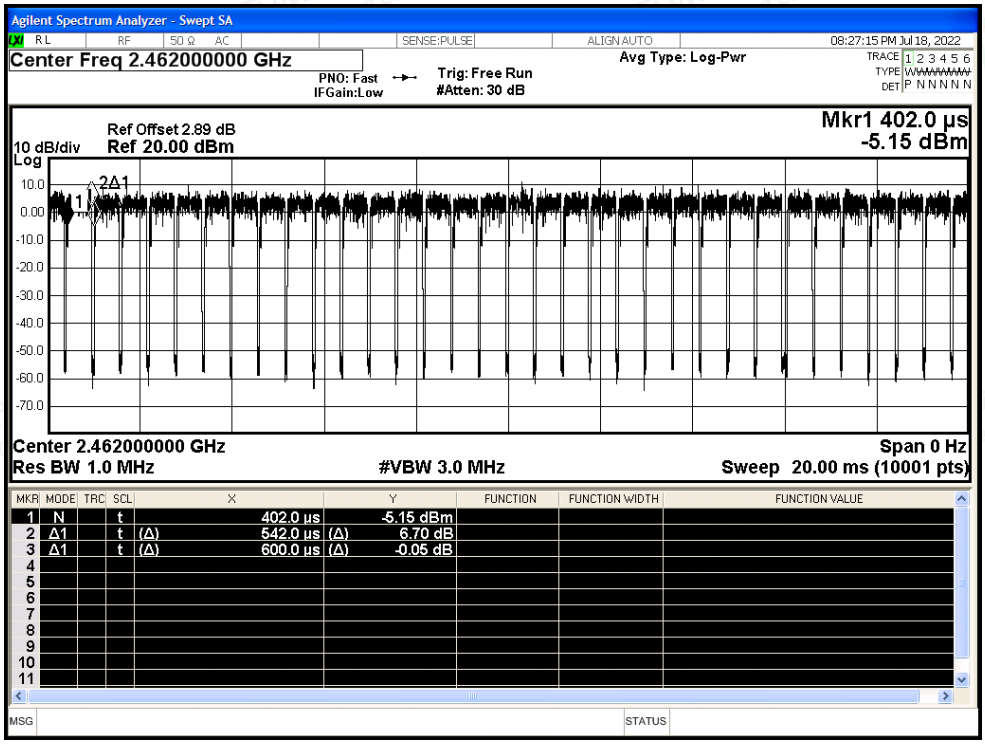
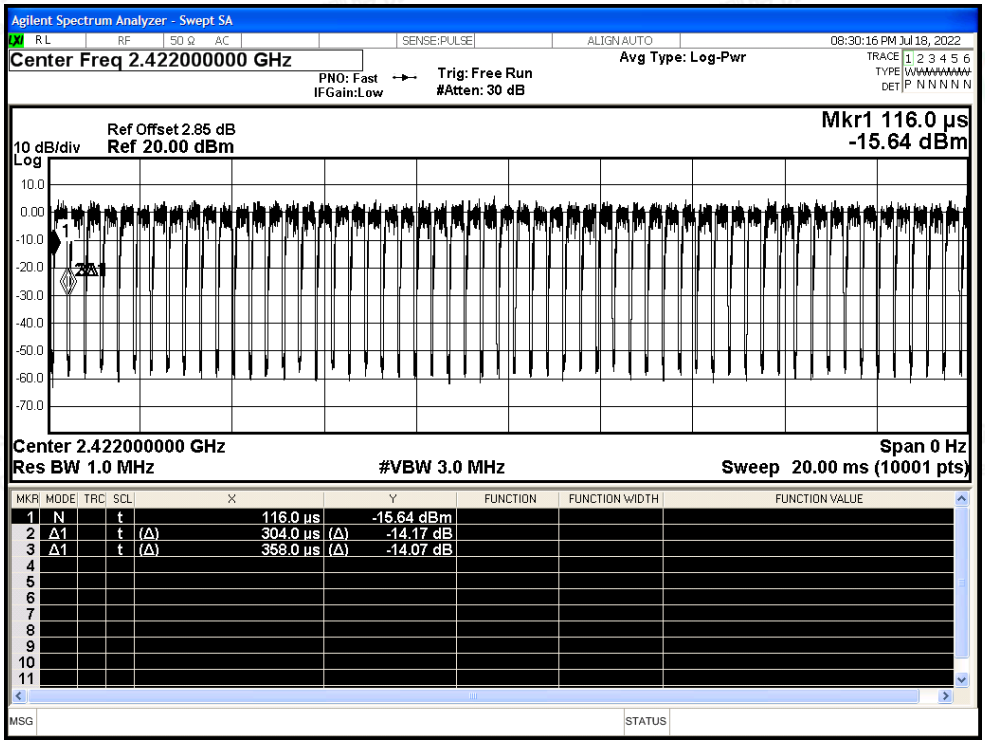
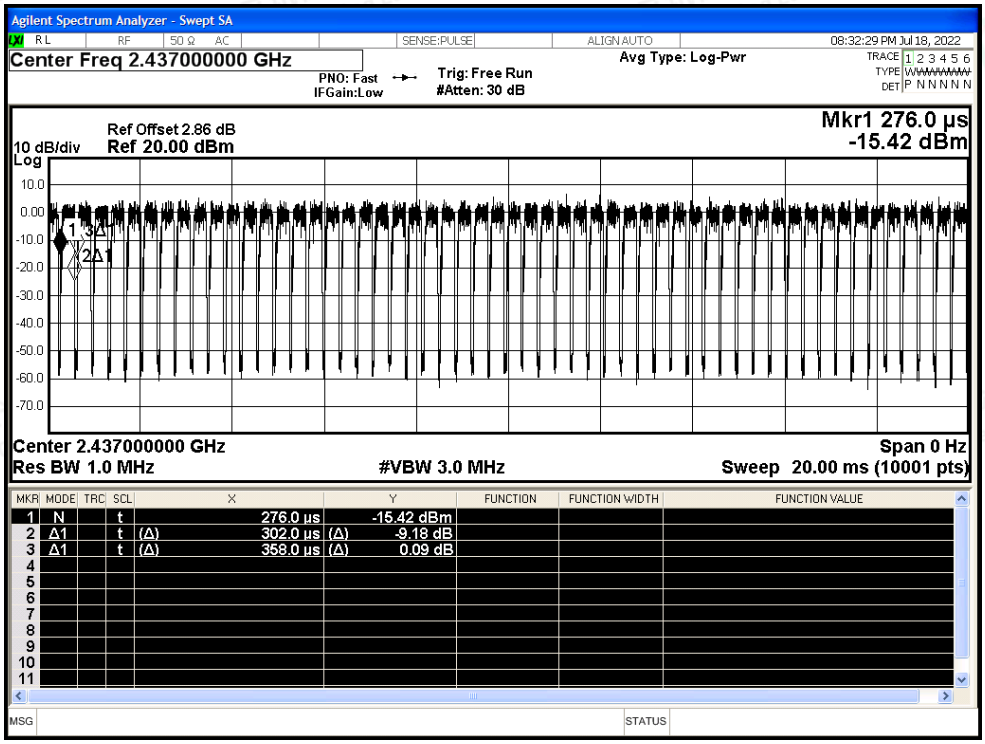
Duty Cycle NVNT ax20 2462MHz Ant1



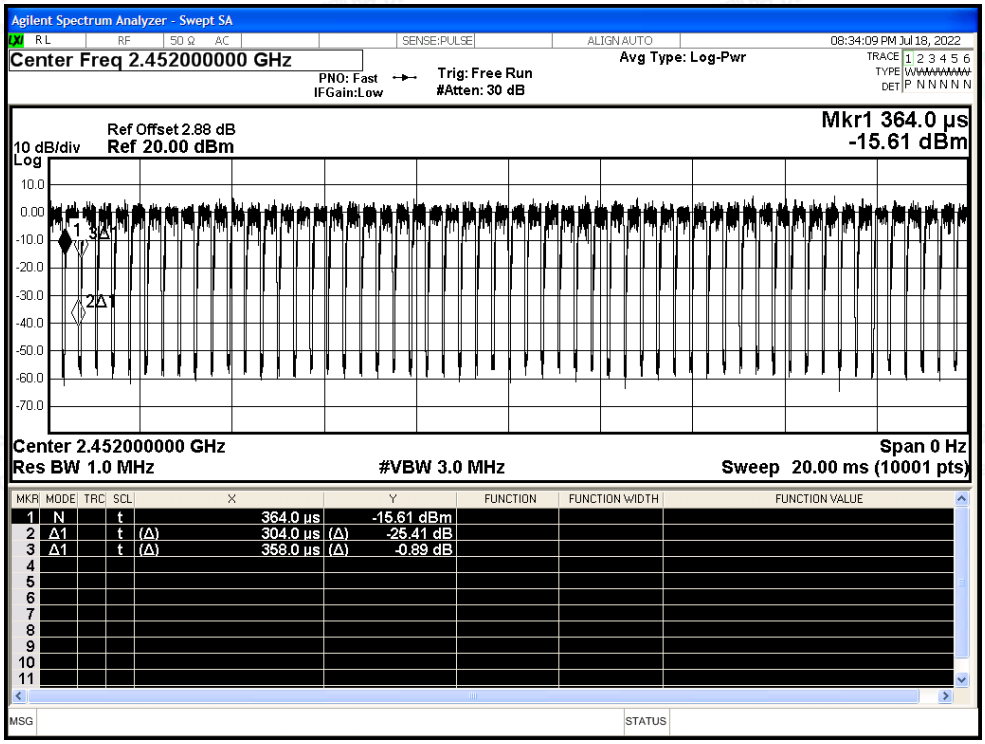
Duty Cycle NVNT ax40 2422MHz Ant1



Duty Cycle NVNT ax40 2437MHz Ant1



Duty Cycle NVNT ax40 2452MHz Ant1



A.8 Restrict Band

Ant0:

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	-47.98	5.21	52.46	Peak	74	Pass
NVNT	b	2412	Ant0	2310	-59.46	5.21	40.98	Average	54	Pass
NVNT	b	2412	Ant0	2386.986	-44.96	5.21	55.48	Peak	74	Pass
NVNT	b	2412	Ant0	2386.986	-56.26	5.21	44.18	Average	54	Pass
NVNT	b	2412	Ant0	2390	-48.44	5.21	52.00	Peak	74	Pass
NVNT	b	2412	Ant0	2390	-57.9	5.21	42.54	Average	54	Pass
NVNT	b	2462	Ant0	2483.5	-48.31	5.21	52.13	Peak	74	Pass
NVNT	b	2462	Ant0	2483.5	-56.94	5.21	43.50	Average	54	Pass
NVNT	b	2462	Ant0	2486.856	-45.17	5.21	55.27	Peak	74	Pass
NVNT	b	2462	Ant0	2487.121	-55.51	5.21	44.93	Average	54	Pass
NVNT	b	2462	Ant0	2500	-48.84	5.21	51.60	Peak	74	Pass
NVNT	b	2462	Ant0	2500	-57.68	5.21	42.76	Average	54	Pass
NVNT	g	2412	Ant0	2310	-45.99	5.21	54.45	Peak	74	Pass
NVNT	g	2412	Ant0	2310	-58.08	5.21	42.36	Average	54	Pass
NVNT	g	2412	Ant0	2383.944	-43.27	5.21	57.17	Peak	74	Pass
NVNT	g	2412	Ant0	2389.911	-54.34	5.21	46.10	Average	54	Pass
NVNT	g	2412	Ant0	2390	-44.3	5.21	56.14	Peak	74	Pass
NVNT	g	2412	Ant0	2390	-54.34	5.21	46.10	Average	54	Pass
NVNT	g	2462	Ant0	2483.5	-42.91	5.21	57.53	Peak	74	Pass
NVNT	g	2462	Ant0	2483.5	-54.67	5.21	45.77	Average	54	Pass
NVNT	g	2462	Ant0	2483.623	-39.23	5.21	61.21	Peak	74	Pass
NVNT	g	2462	Ant0	2483.676	-54.37	5.21	46.07	Average	54	Pass
NVNT	g	2462	Ant0	2500	-47.56	5.21	52.88	Peak	74	Pass
NVNT	g	2462	Ant0	2500	-56.11	5.21	44.33	Average	54	Pass
NVNT	n20	2412	Ant0	2310	-49.91	5.21	50.53	Peak	74	Pass
NVNT	n20	2412	Ant0	2310	-58.18	5.21	42.26	Average	54	Pass
NVNT	n20	2412	Ant0	2389.56	-42.26	5.21	58.18	Peak	74	Pass
NVNT	n20	2412	Ant0	2389.794	-53.88	5.21	46.56	Average	54	Pass
NVNT	n20	2412	Ant0	2390	-40.81	5.21	59.63	Peak	74	Pass
NVNT	n20	2412	Ant0	2390	-53.77	5.21	46.67	Average	54	Pass
NVNT	n20	2462	Ant0	2483.5	-43.96	5.21	56.48	Peak	74	Pass
NVNT	n20	2462	Ant0	2483.5	-53.59	5.21	46.85	Average	54	Pass
NVNT	n20	2462	Ant0	2484.895	-41.1	5.21	59.34	Peak	74	Pass
NVNT	n20	2462	Ant0	2483.517	-53.59	5.21	46.85	Average	54	Pass
NVNT	n20	2462	Ant0	2500	-46.58	5.21	53.86	Peak	74	Pass
NVNT	n20	2462	Ant0	2500	-56.16	5.21	44.28	Average	54	Pass

NVNT	n40	2422	Ant0	2310	-50.25	5.21	50.19	Peak	74	Pass
NVNT	n40	2422	Ant0	2310	-58.18	5.21	42.26	Average	54	Pass
NVNT	n40	2422	Ant0	2389.662	-42.02	5.21	58.42	Peak	74	Pass
NVNT	n40	2422	Ant0	2389.804	-55.7	5.21	44.74	Average	54	Pass
NVNT	n40	2422	Ant0	2390	-46.25	5.21	54.19	Peak	74	Pass
NVNT	n40	2422	Ant0	2390	-55.75	5.21	44.69	Average	54	Pass
NVNT	n40	2452	Ant0	2483.5	-46.03	5.21	54.41	Peak	74	Pass
NVNT	n40	2452	Ant0	2483.5	-55.53	5.21	44.91	Average	54	Pass
NVNT	n40	2452	Ant0	2483.854	-42.24	5.21	58.20	Peak	74	Pass
NVNT	n40	2452	Ant0	2484.244	-55.07	5.21	45.37	Average	54	Pass
NVNT	n40	2452	Ant0	2500	-47.76	5.21	52.68	Peak	74	Pass
NVNT	n40	2452	Ant0	2500	-56.59	5.21	43.85	Average	54	Pass
NVNT	ax20	2412	Ant0	2310	-49.17	5.21	51.27	Peak	74	Pass
NVNT	ax20	2412	Ant0	2310	-57.84	5.21	42.60	Average	54	Pass
NVNT	ax20	2412	Ant0	2368.617	-43.8	5.21	56.64	Peak	74	Pass
NVNT	ax20	2412	Ant0	2388.858	-54.53	5.21	45.91	Average	54	Pass
NVNT	ax20	2412	Ant0	2390	-46.07	5.21	54.37	Peak	74	Pass
NVNT	ax20	2412	Ant0	2390	-54.68	5.21	45.76	Average	54	Pass
NVNT	ax20	2462	Ant0	2483.5	-39.89	5.21	60.55	Peak	74	Pass
NVNT	ax20	2462	Ant0	2483.5	-54.55	5.21	45.89	Average	54	Pass
NVNT	ax20	2462	Ant0	2483.57	-39.54	5.21	60.90	Peak	74	Pass
NVNT	ax20	2462	Ant0	2483.676	-54.29	5.21	46.15	Average	54	Pass
NVNT	ax20	2462	Ant0	2500	-46.67	5.21	53.77	Peak	74	Pass
NVNT	ax20	2462	Ant0	2500	-55.74	5.21	44.70	Average	54	Pass
NVNT	ax40	2422	Ant0	2310	-49.38	5.21	51.06	Peak	74	Pass
NVNT	ax40	2422	Ant0	2310	-57.84	5.21	42.60	Average	54	Pass
NVNT	ax40	2422	Ant0	2389.946	-42.8	5.21	57.64	Peak	74	Pass
NVNT	ax40	2422	Ant0	2389.662	-53.31	5.21	47.13	Average	54	Pass
NVNT	ax40	2422	Ant0	2390	-43.13	5.21	57.31	Peak	74	Pass
NVNT	ax40	2422	Ant0	2390	-53.47	5.21	46.97	Average	54	Pass
NVNT	ax40	2452	Ant0	2483.5	-45.86	5.21	54.58	Peak	74	Pass
NVNT	ax40	2452	Ant0	2483.5	-54.04	5.21	46.40	Average	54	Pass
NVNT	ax40	2452	Ant0	2490.562	-43.22	5.21	57.22	Peak	74	Pass
NVNT	ax40	2452	Ant0	2483.854	-53.45	5.21	46.99	Average	54	Pass
NVNT	ax40	2452	Ant0	2500	-47.75	5.21	52.69	Peak	74	Pass
NVNT	ax40	2452	Ant0	2500	-55.7	5.21	44.74	Average	54	Pass

Ant1:

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	-51.11	5.21	49.33	Peak	74	Pass
NVNT	b	2412	Ant1	2310	-59.35	5.21	41.09	Average	54	Pass
NVNT	b	2412	Ant1	2384.529	-45.52	5.21	54.92	Peak	74	Pass
NVNT	b	2412	Ant1	2387.571	-56.36	5.21	44.08	Average	54	Pass
NVNT	b	2412	Ant1	2390	-47.87	5.21	52.57	Peak	74	Pass
NVNT	b	2412	Ant1	2390	-57.11	5.21	43.33	Average	54	Pass
NVNT	b	2462	Ant1	2483.5	-46.98	5.21	53.46	Peak	74	Pass
NVNT	b	2462	Ant1	2483.5	-56.56	5.21	43.88	Average	54	Pass
NVNT	b	2462	Ant1	2487.333	-42.88	5.21	57.56	Peak	74	Pass
NVNT	b	2462	Ant1	2487.28	-54.78	5.21	45.66	Average	54	Pass
NVNT	b	2462	Ant1	2500	-48.8	5.21	51.64	Peak	74	Pass
NVNT	b	2462	Ant1	2500	-57.52	5.21	42.92	Average	54	Pass
NVNT	g	2412	Ant1	2310	-50.07	5.21	50.37	Peak	74	Pass
NVNT	g	2412	Ant1	2310	-58.63	5.21	41.81	Average	54	Pass
NVNT	g	2412	Ant1	2389.209	-43.41	5.21	57.03	Peak	74	Pass
NVNT	g	2412	Ant1	2389.911	-54.51	5.21	45.93	Average	54	Pass
NVNT	g	2412	Ant1	2390	-44.39	5.21	56.05	Peak	74	Pass
NVNT	g	2412	Ant1	2390	-54.75	5.21	45.69	Average	54	Pass
NVNT	g	2462	Ant1	2483.5	-45.8	5.21	54.64	Peak	74	Pass
NVNT	g	2462	Ant1	2483.5	-54.8	5.21	45.64	Average	54	Pass
NVNT	g	2462	Ant1	2485.902	-43.31	5.21	57.13	Peak	74	Pass
NVNT	g	2462	Ant1	2483.623	-54.68	5.21	45.76	Average	54	Pass
NVNT	g	2462	Ant1	2500	-47.15	5.21	53.29	Peak	74	Pass
NVNT	g	2462	Ant1	2500	-56.1	5.21	44.34	Average	54	Pass
NVNT	n20	2412	Ant1	2310	-48.42	5.21	52.02	Peak	74	Pass
NVNT	n20	2412	Ant1	2310	-58.53	5.21	41.91	Average	54	Pass
NVNT	n20	2412	Ant1	2389.56	-39.71	5.21	60.73	Peak	74	Pass
NVNT	n20	2412	Ant1	2389.911	-53.86	5.21	46.58	Average	54	Pass
NVNT	n20	2412	Ant1	2390	-42.18	5.21	58.26	Peak	74	Pass
NVNT	n20	2412	Ant1	2390	-53.81	5.21	46.63	Average	54	Pass
NVNT	n20	2462	Ant1	2483.5	-45.61	5.21	54.83	Peak	74	Pass
NVNT	n20	2462	Ant1	2483.5	-54.59	5.21	45.85	Average	54	Pass
NVNT	n20	2462	Ant1	2483.676	-41.74	5.21	58.70	Peak	74	Pass
NVNT	n20	2462	Ant1	2483.57	-54.51	5.21	45.93	Average	54	Pass
NVNT	n20	2462	Ant1	2500	-48.64	5.21	51.80	Peak	74	Pass
NVNT	n20	2462	Ant1	2500	-56.27	5.21	44.17	Average	54	Pass
NVNT	n40	2422	Ant1	2310	-48.69	5.21	51.75	Peak	74	Pass
NVNT	n40	2422	Ant1	2310	-58.22	5.21	42.22	Average	54	Pass

NVNT	n40	2422	Ant1	2389.52	-40.81	5.21	59.63	Peak	74	Pass
NVNT	n40	2422	Ant1	2389.662	-55.96	5.21	44.48	Average	54	Pass
NVNT	n40	2422	Ant1	2390	-40.81	5.21	59.63	Peak	74	Pass
NVNT	n40	2422	Ant1	2390	-55.98	5.21	44.46	Average	54	Pass
NVNT	n40	2452	Ant1	2483.5	-46.62	5.21	53.82	Peak	74	Pass
NVNT	n40	2452	Ant1	2483.5	-55.73	5.21	44.71	Average	54	Pass
NVNT	n40	2452	Ant1	2484.322	-40.82	5.21	59.62	Peak	74	Pass
NVNT	n40	2452	Ant1	2484.166	-55.41	5.21	45.03	Average	54	Pass
NVNT	n40	2452	Ant1	2500	-47.18	5.21	53.26	Peak	74	Pass
NVNT	n40	2452	Ant1	2500	-56.72	5.21	43.72	Average	54	Pass
NVNT	ax20	2412	Ant1	2310	-49.98	5.21	50.46	Peak	74	Pass
NVNT	ax20	2412	Ant1	2310	-58.6	5.21	41.84	Average	54	Pass
NVNT	ax20	2412	Ant1	2389.092	-44.36	5.21	56.08	Peak	74	Pass
NVNT	ax20	2412	Ant1	2388.975	-55.33	5.21	45.11	Average	54	Pass
NVNT	ax20	2412	Ant1	2390	-46.61	5.21	53.83	Peak	74	Pass
NVNT	ax20	2412	Ant1	2390	-55.48	5.21	44.96	Average	54	Pass
NVNT	ax20	2462	Ant1	2483.5	-45.3	5.21	55.14	Peak	74	Pass
NVNT	ax20	2462	Ant1	2483.5	-55.31	5.21	45.13	Average	54	Pass
NVNT	ax20	2462	Ant1	2483.57	-37.17	5.21	63.27	Peak	74	Pass
NVNT	ax20	2462	Ant1	2483.676	-55.29	5.21	45.15	Average	54	Pass
NVNT	ax20	2462	Ant1	2500	-48.02	5.21	52.42	Peak	74	Pass
NVNT	ax20	2462	Ant1	2500	-56.14	5.21	44.30	Average	54	Pass
NVNT	ax40	2422	Ant1	2310	-49.92	5.21	50.52	Peak	74	Pass
NVNT	ax40	2422	Ant1	2310	-58.25	5.21	42.19	Average	54	Pass
NVNT	ax40	2422	Ant1	2387.816	-43.08	5.21	57.36	Peak	74	Pass
NVNT	ax40	2422	Ant1	2389.52	-53.39	5.21	47.05	Average	54	Pass
NVNT	ax40	2422	Ant1	2390	-44.99	5.21	55.45	Peak	74	Pass
NVNT	ax40	2422	Ant1	2390	-53.6	5.21	46.84	Average	54	Pass
NVNT	ax40	2452	Ant1	2483.5	-44.99	5.21	55.45	Peak	74	Pass
NVNT	ax40	2452	Ant1	2483.5	-54.18	5.21	46.26	Average	54	Pass
NVNT	ax40	2452	Ant1	2488.456	-42.7	5.21	57.74	Peak	74	Pass
NVNT	ax40	2452	Ant1	2483.776	-53.57	5.21	46.87	Average	54	Pass
NVNT	ax40	2452	Ant1	2500	-48.38	5.21	52.06	Peak	74	Pass
NVNT	ax40	2452	Ant1	2500	-56.09	5.21	44.35	Average	54	Pass

MIMO

Condition	Mode	Frequency (MHz)	Spur Freq (MHz)	Covert Radiated E Level At 3m (dBuV/m))			E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
				Ant0	Ant1	Ant0+Ant1				
NVNT	n20	2412	2310	-49.91	-48.42	-46.09	57.36	Peak	74	Pass
NVNT	n20	2412	2310	-58.18	-58.53	-55.34	48.11	Average	54	Pass
NVNT	n20	2412	2389.794	-42.26	-39.71	-37.79	65.66	Peak	74	Pass
NVNT	n20	2412	2389.911	-53.88	-53.86	-50.86	52.59	Average	54	Pass
NVNT	n20	2412	2390	-40.81	-42.18	-38.43	65.02	Peak	74	Pass
NVNT	n20	2412	2390	-53.77	-53.81	-50.78	52.67	Average	54	Pass
NVNT	n20	2462	2483.5	-43.96	-45.61	-41.70	61.75	Peak	74	Pass
NVNT	n20	2462	2483.5	-53.59	-54.59	-51.05	52.40	Average	54	Pass
NVNT	n20	2462	2490.142	-41.1	-41.74	-38.40	65.05	Peak	74	Pass
NVNT	n20	2462	2483.994	-53.59	-54.51	-51.02	52.43	Average	54	Pass
NVNT	n20	2462	2500	-46.58	-48.64	-44.48	58.97	Peak	74	Pass
NVNT	n20	2462	2500	-56.16	-56.27	-53.20	50.24	Average	54	Pass
NVNT	n40	2422	2310	-50.25	-48.69	-46.39	57.06	Peak	74	Pass
NVNT	n40	2422	2310	-58.18	-58.22	-55.19	48.26	Average	54	Pass
NVNT	n40	2422	2389.52	-42.02	-40.81	-38.36	65.08	Peak	74	Pass
NVNT	n40	2422	2389.946	-55.7	-55.96	-52.82	50.63	Average	54	Pass
NVNT	n40	2422	2390	-46.25	-40.81	-39.72	63.73	Peak	74	Pass
NVNT	n40	2422	2390	-55.75	-55.98	-52.85	50.59	Average	54	Pass
NVNT	n40	2452	2483.5	-46.03	-46.62	-43.30	60.14	Peak	74	Pass
NVNT	n40	2452	2483.5	-55.53	-55.73	-52.62	50.83	Average	54	Pass
NVNT	n40	2452	2488.456	-42.24	-40.82	-38.46	64.99	Peak	74	Pass
NVNT	n40	2452	2484.79	-55.07	-55.41	-52.23	51.22	Average	54	Pass
NVNT	n40	2452	2500	-47.76	-47.18	-44.45	59.00	Peak	74	Pass
NVNT	n40	2452	2500	-56.59	-56.72	-53.64	49.80	Average	54	Pass
NVNT	ax20	2412	2310	-49.17	-49.98	-46.55	56.90	Peak	74	Pass
NVNT	ax20	2412	2310	-57.84	-58.6	-55.19	48.25	Average	54	Pass
NVNT	ax20	2412	2389.092	-43.8	-44.36	-41.06	62.39	Peak	74	Pass
NVNT	ax20	2412	2388.975	-54.53	-55.33	-51.90	51.55	Average	54	Pass
NVNT	ax20	2412	2390	-46.07	-46.61	-43.32	60.13	Peak	74	Pass
NVNT	ax20	2412	2390	-54.68	-55.48	-52.05	51.40	Average	54	Pass
NVNT	ax20	2462	2483.5	-39.89	-45.3	-38.79	64.66	Peak	74	Pass
NVNT	ax20	2462	2483.5	-54.55	-55.31	-51.90	51.54	Average	54	Pass
NVNT	ax20	2462	2483.57	-39.54	-37.17	-35.18	68.26	Peak	74	Pass
NVNT	ax20	2462	2483.676	-54.29	-55.29	-51.75	51.70	Average	54	Pass
NVNT	ax20	2462	2500	-46.67	-48.02	-44.28	59.17	Peak	74	Pass
NVNT	ax20	2462	2500	-55.74	-56.14	-52.93	50.52	Average	54	Pass

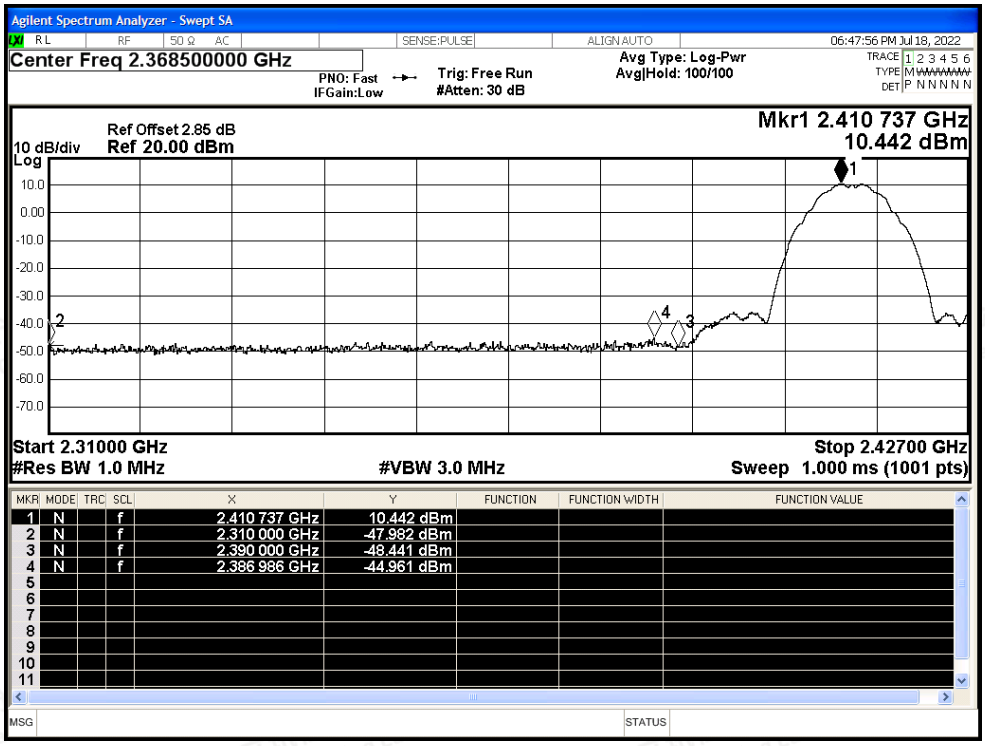
NVNT	ax40	2422	2310	-49.38	-49.92	-46.63	56.82	Peak	74	Pass
NVNT	ax40	2422	2310	-57.84	-58.25	-55.03	48.42	Average	54	Pass
NVNT	ax40	2422	2387.816	-42.8	-43.08	-39.93	63.52	Peak	74	Pass
NVNT	ax40	2422	2389.52	-53.31	-53.39	-50.34	53.11	Average	54	Pass
NVNT	ax40	2422	2390	-43.13	-44.99	-40.95	62.50	Peak	74	Pass
NVNT	ax40	2422	2390	-53.47	-53.6	-50.52	52.92	Average	54	Pass
NVNT	ax40	2452	2483.5	-45.86	-44.99	-42.39	61.05	Peak	74	Pass
NVNT	ax40	2452	2483.5	-54.04	-54.18	-51.10	52.35	Average	54	Pass
NVNT	ax40	2452	2488.456	-43.22	-42.7	-39.94	63.51	Peak	74	Pass
NVNT	ax40	2452	2483.776	-53.45	-53.57	-50.50	52.95	Average	54	Pass
NVNT	ax40	2452	2500	-47.75	-48.38	-45.04	58.40	Peak	74	Pass
NVNT	ax40	2452	2500	-55.7	-56.09	-52.88	50.57	Average	54	Pass

Note：The Antenna Gain is compensated in the graph

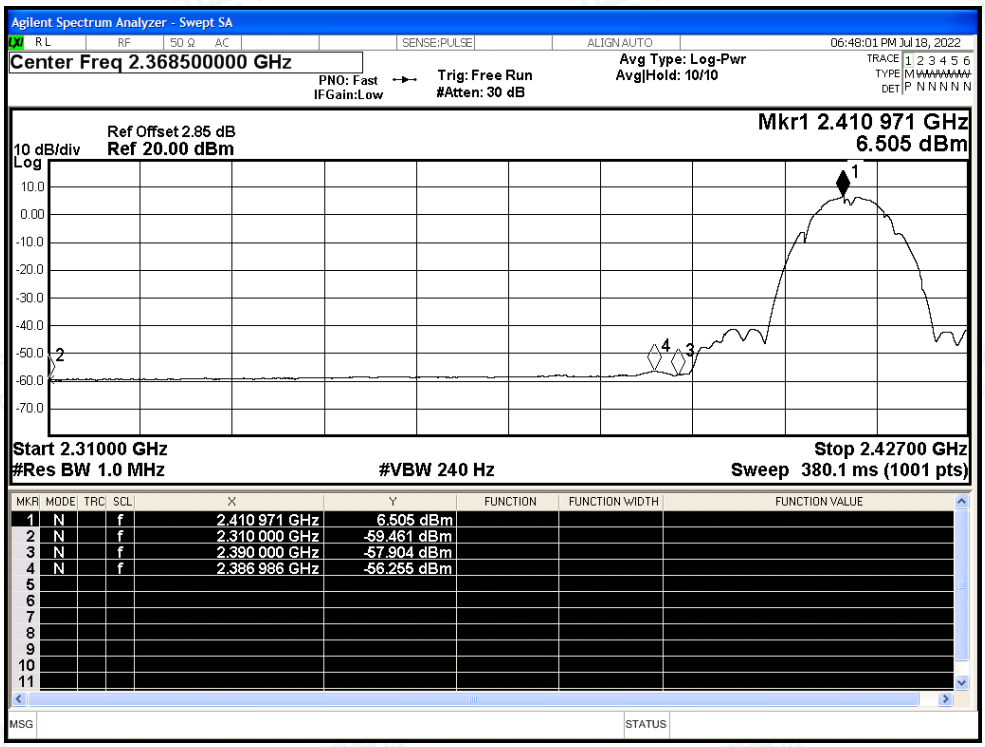
Ant0:

Test Graphs

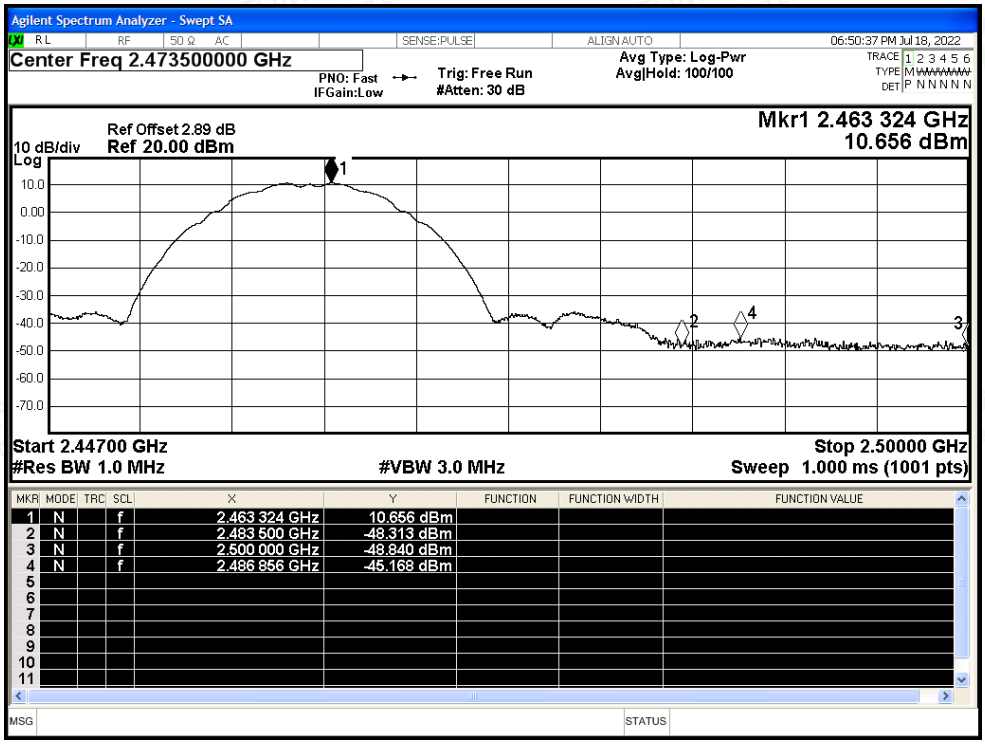
Restrict Band NVNT b 2412MHz Ant1 Peak



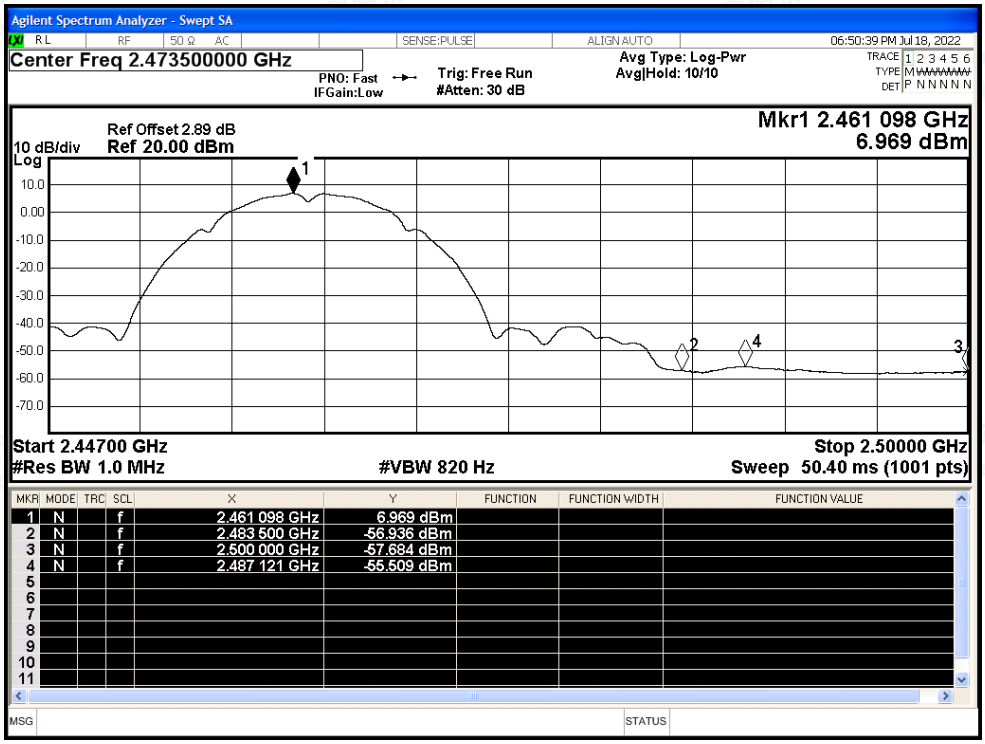
Restrict Band NVNT b 2412MHz Ant1 Average



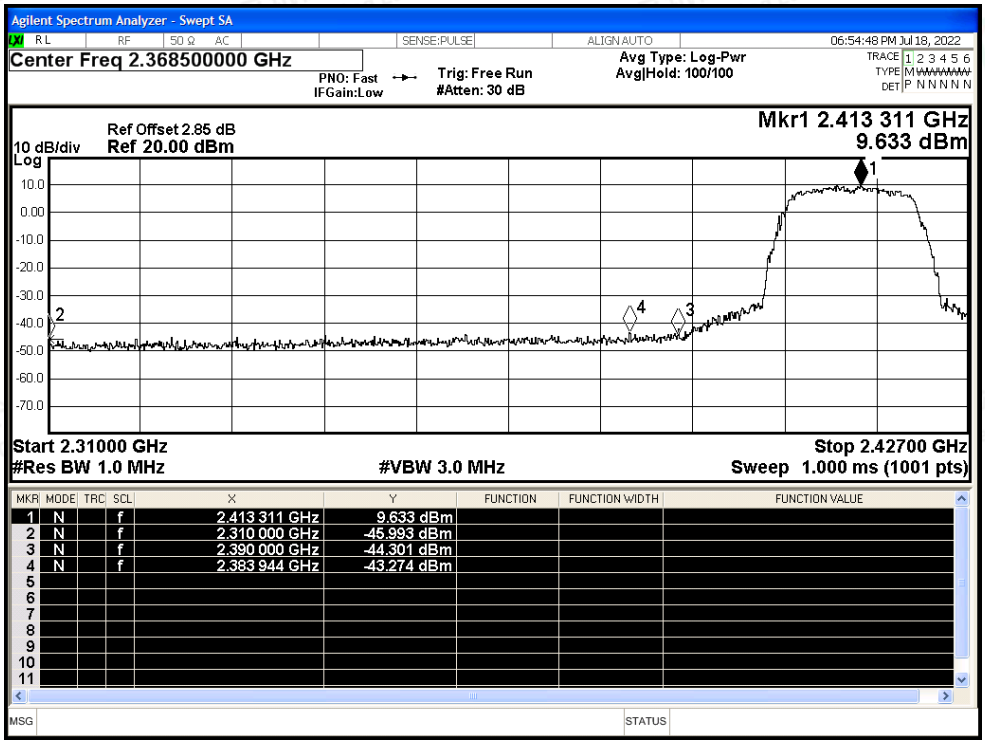
Restrict Band NVNT b 2462MHz Ant1 Peak



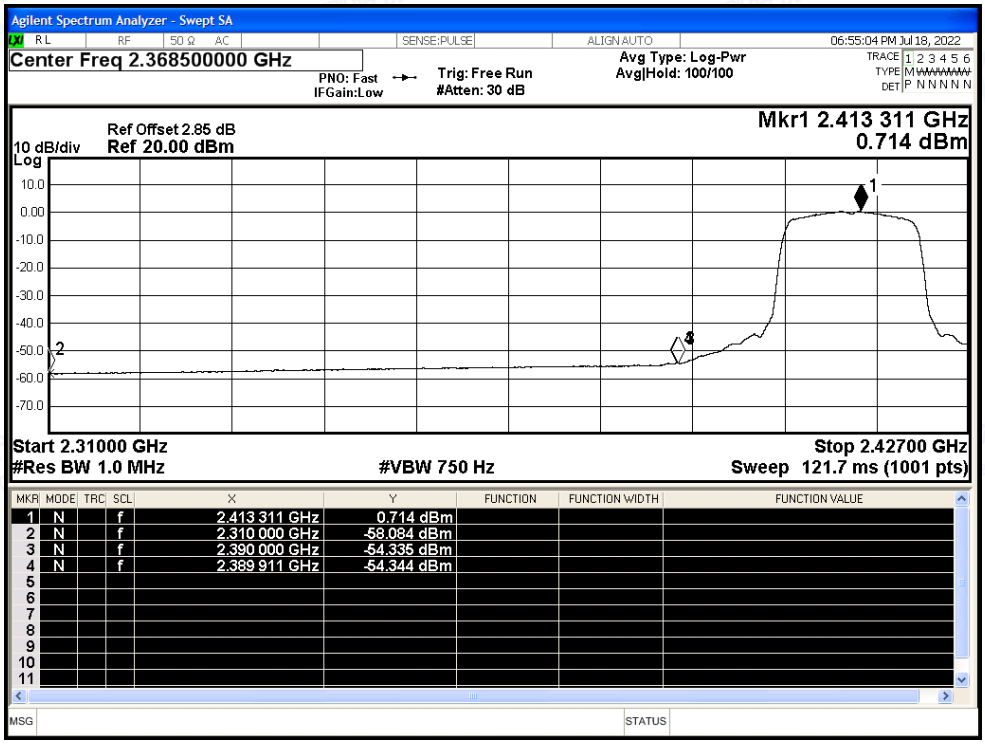
Restrict Band NVNT b 2462MHz Ant1 Average



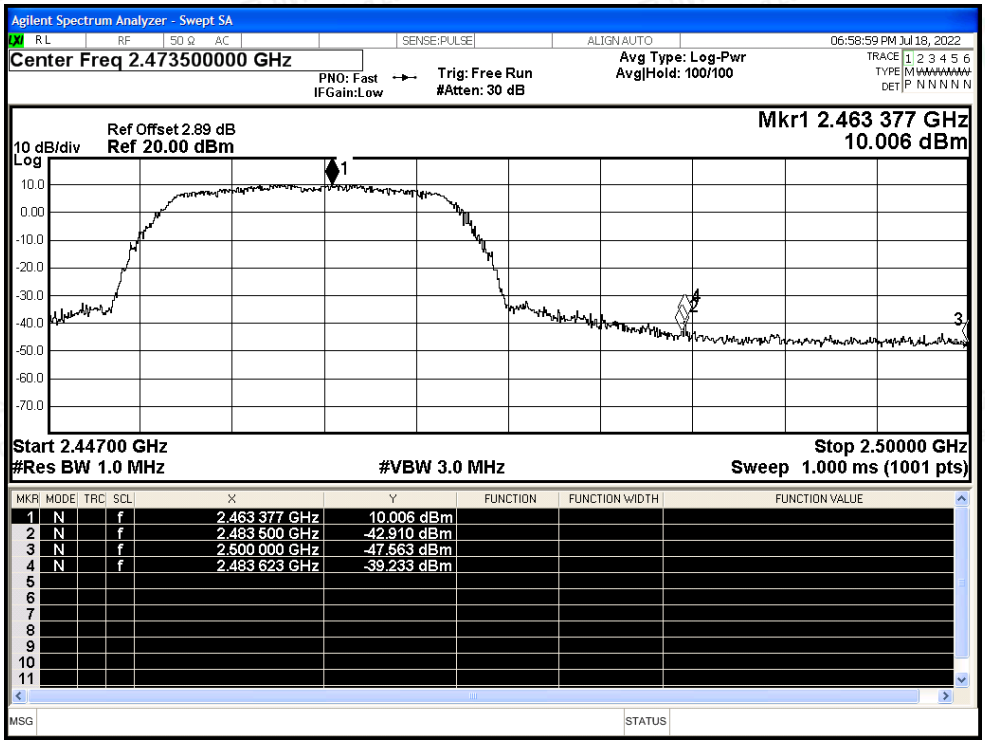
Restrict Band NVNT g 2412MHz Ant1 Peak



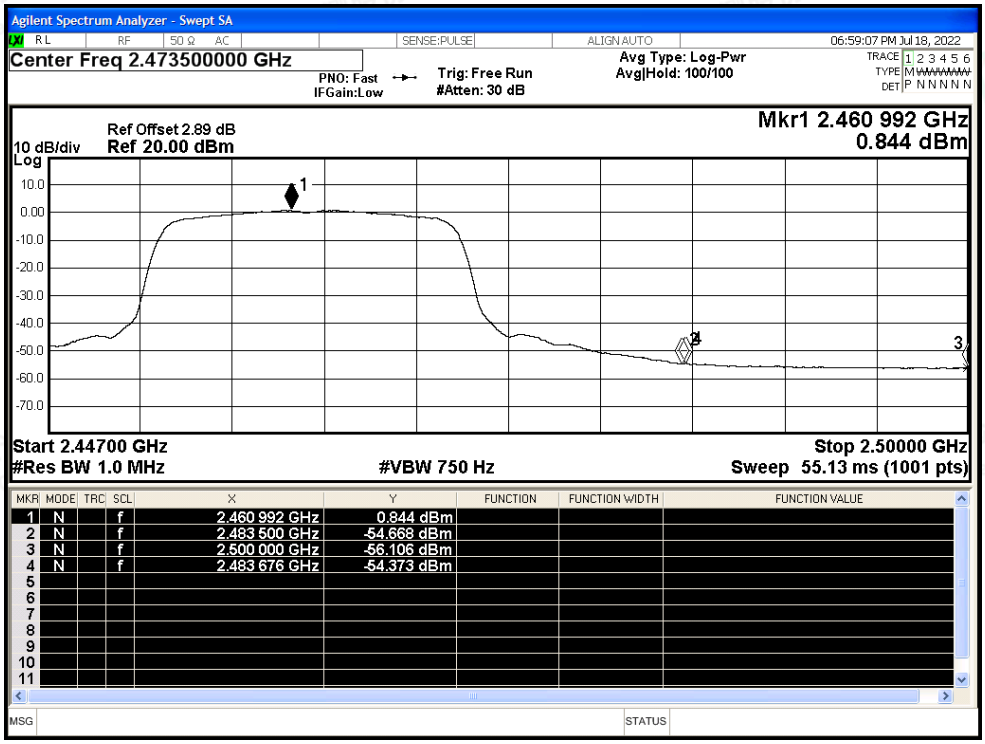
Restrict Band NVNT g 2412MHz Ant1 Average



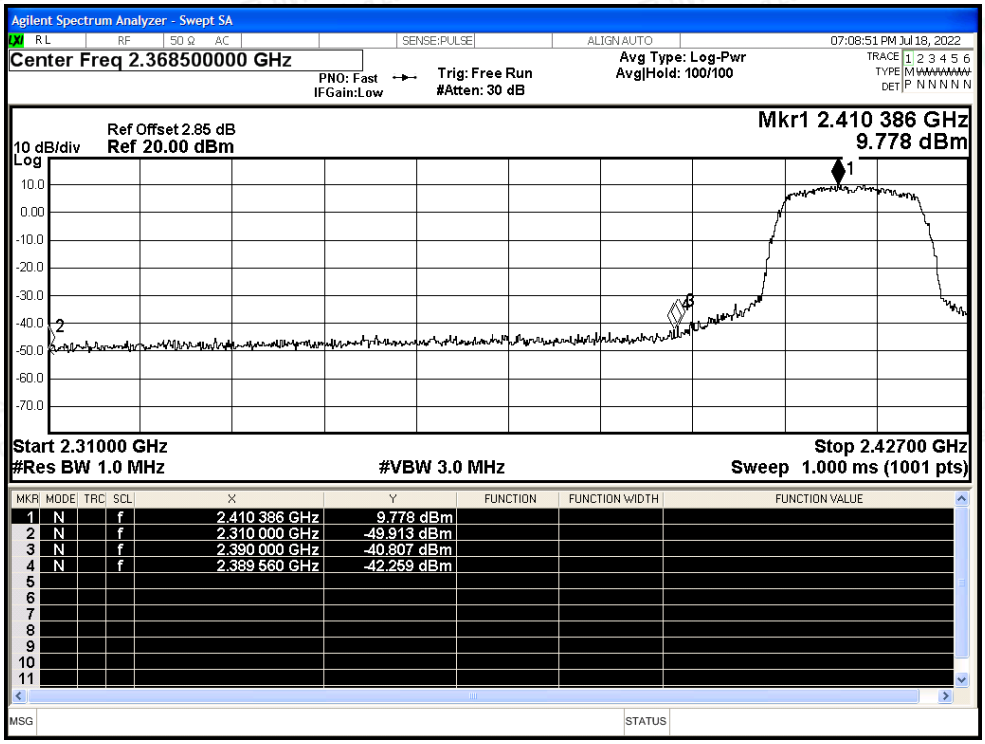
Restrict Band NVNT g 2462MHz Ant1 Peak



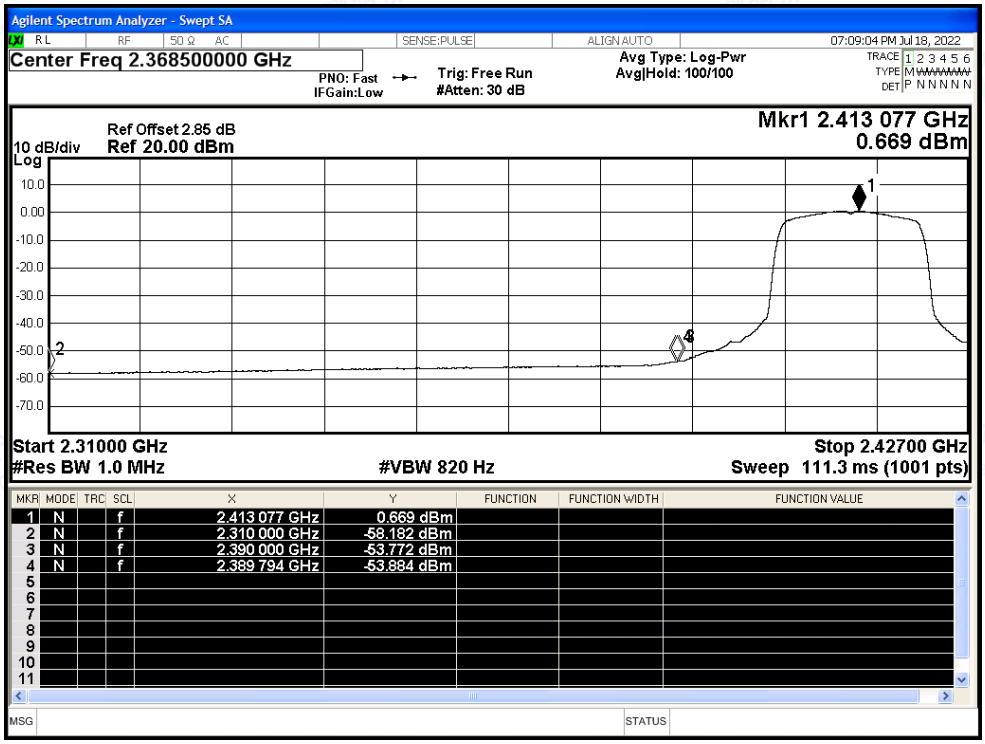
Restrict Band NVNT g 2462MHz Ant1 Average



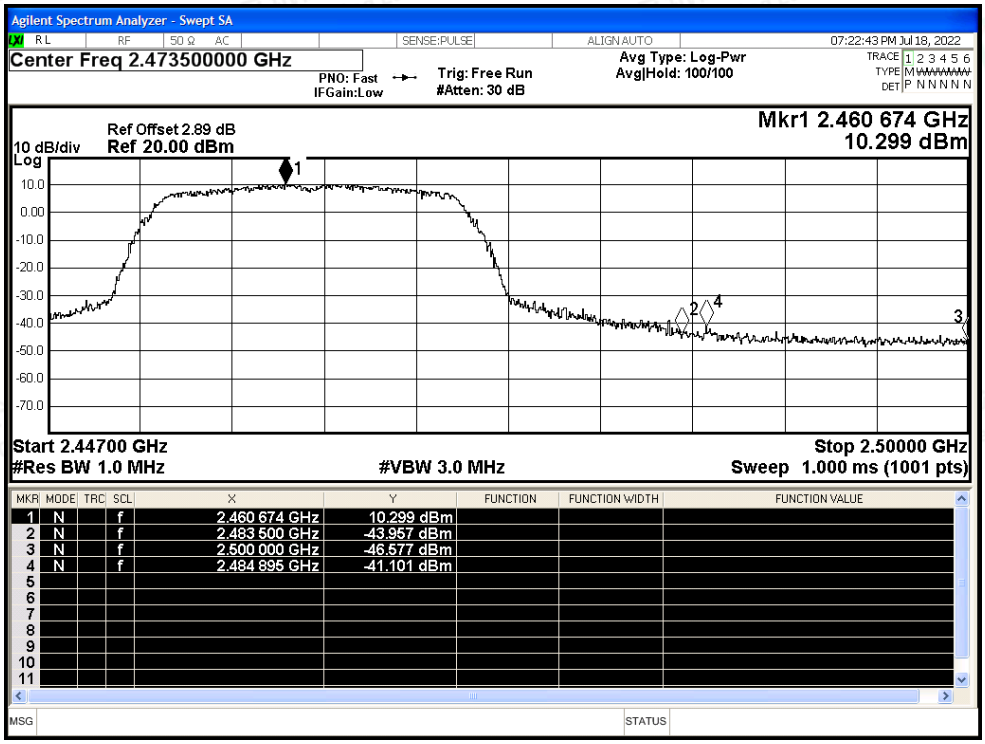
Restrict Band NVNT n20 2412MHz Ant1 Peak



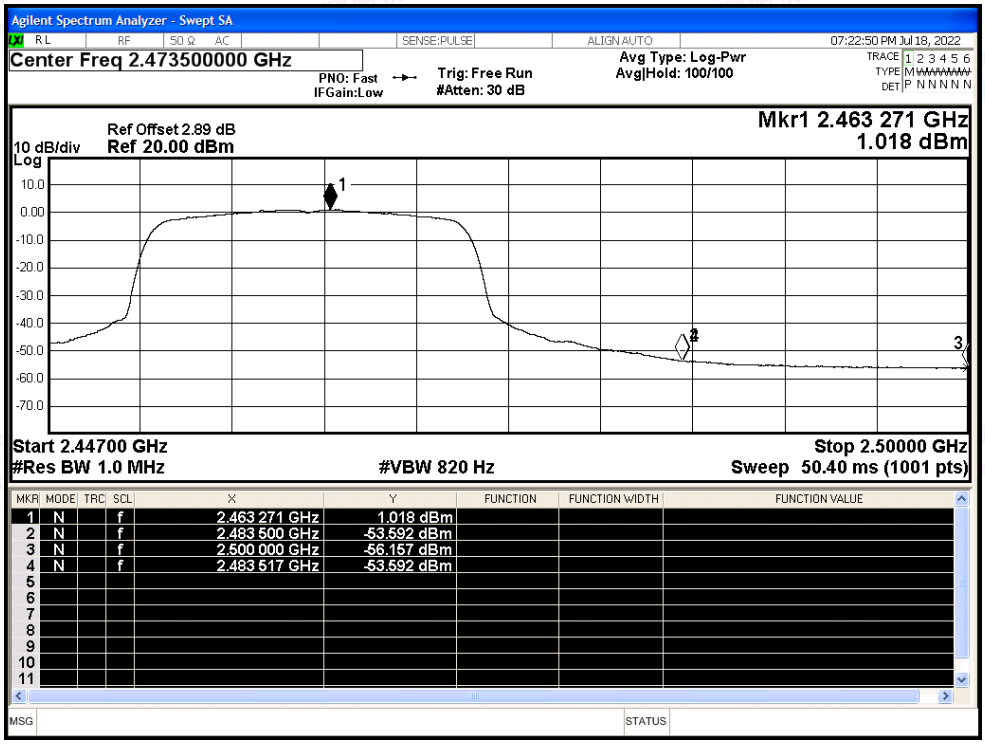
Restrict Band NVNT n20 2412MHz Ant1 Average



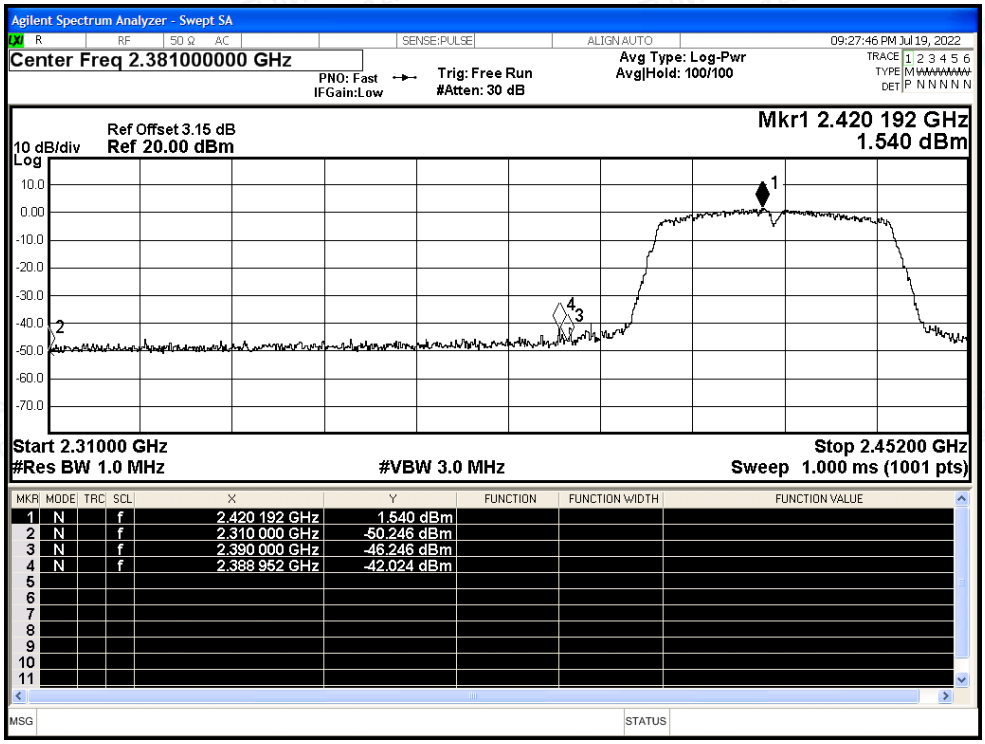
Restrict Band NVNT n20 2462MHz Ant1 Peak



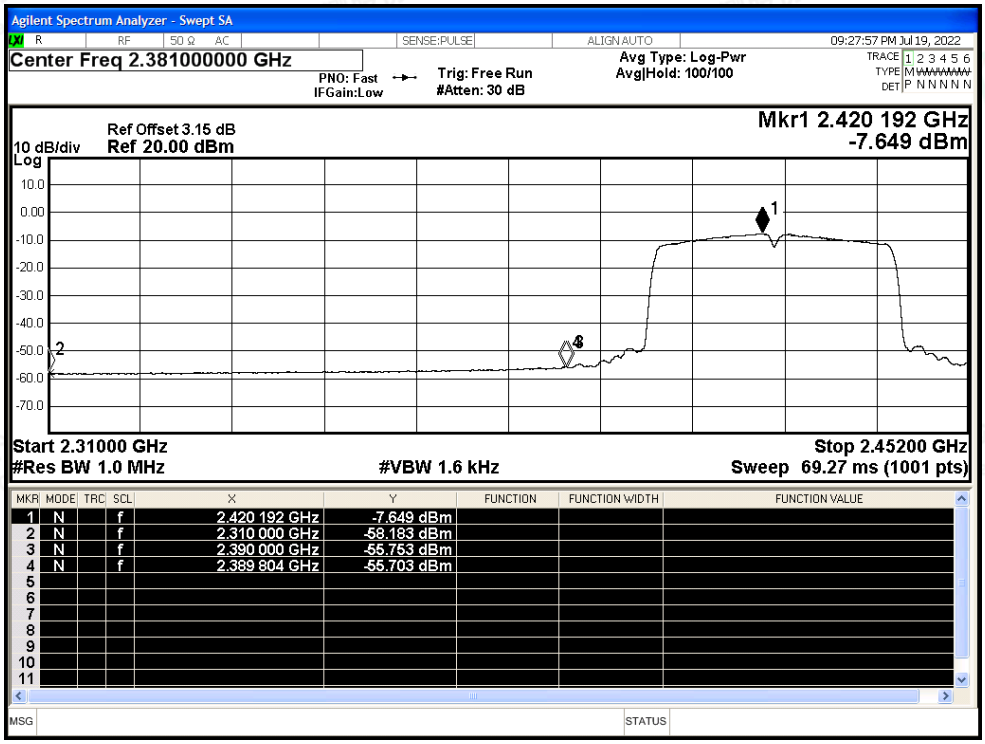
Restrict Band NVNT n20 2462MHz Ant1 Average



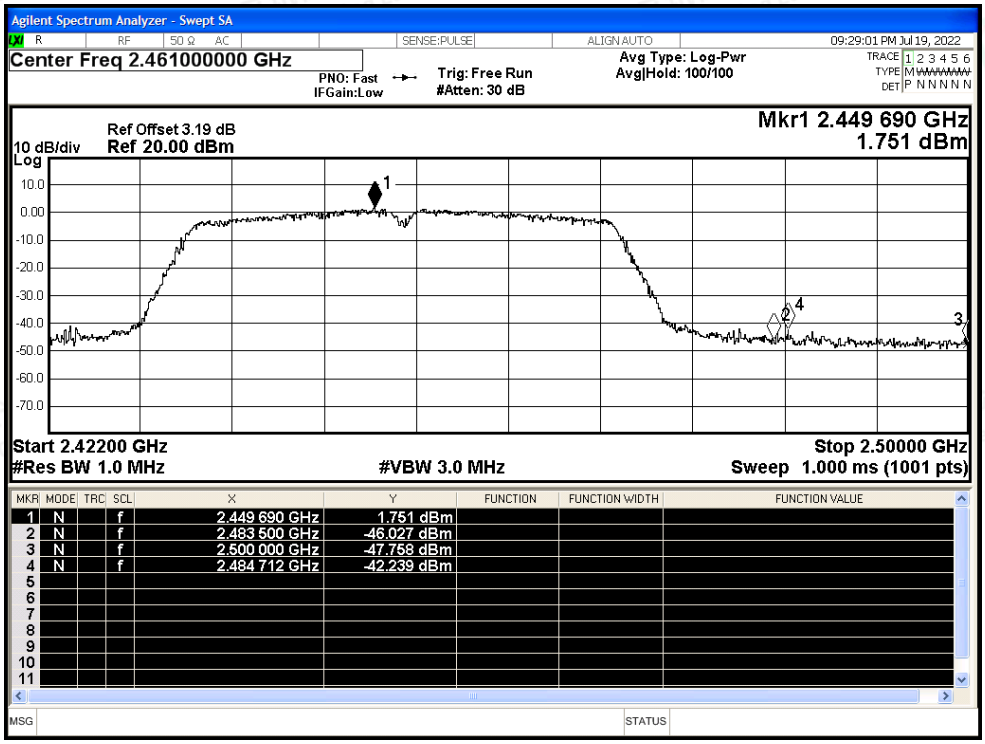
Restrict Band NVNT n40 2422MHz Ant1 Peak



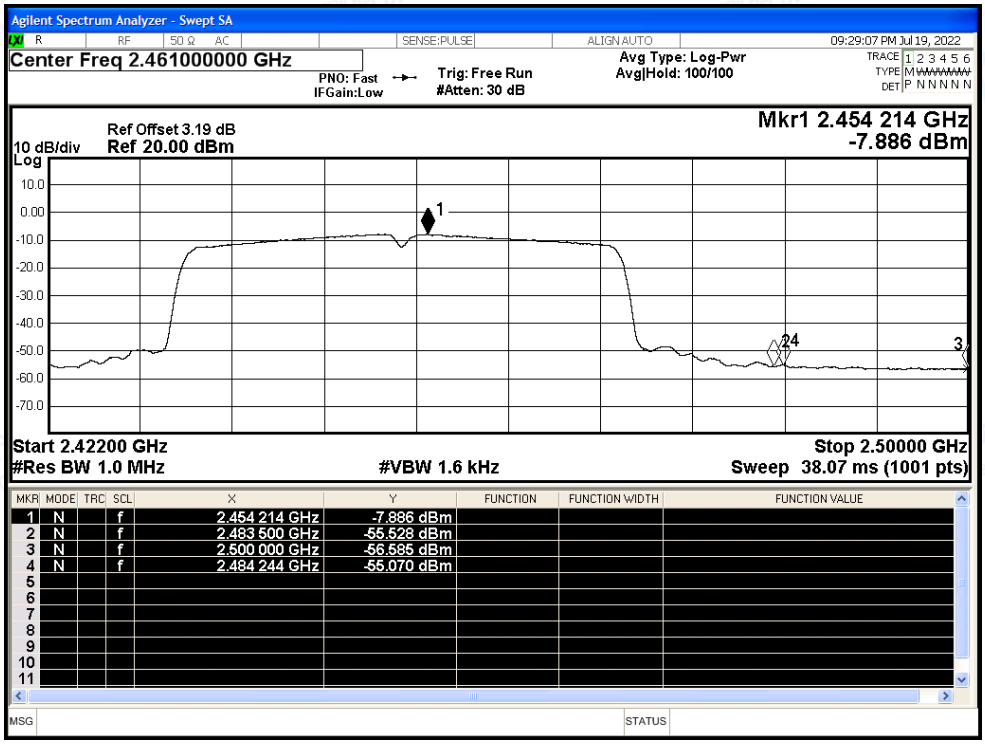
Restrict Band NVNT n40 2422MHz Ant1 Average



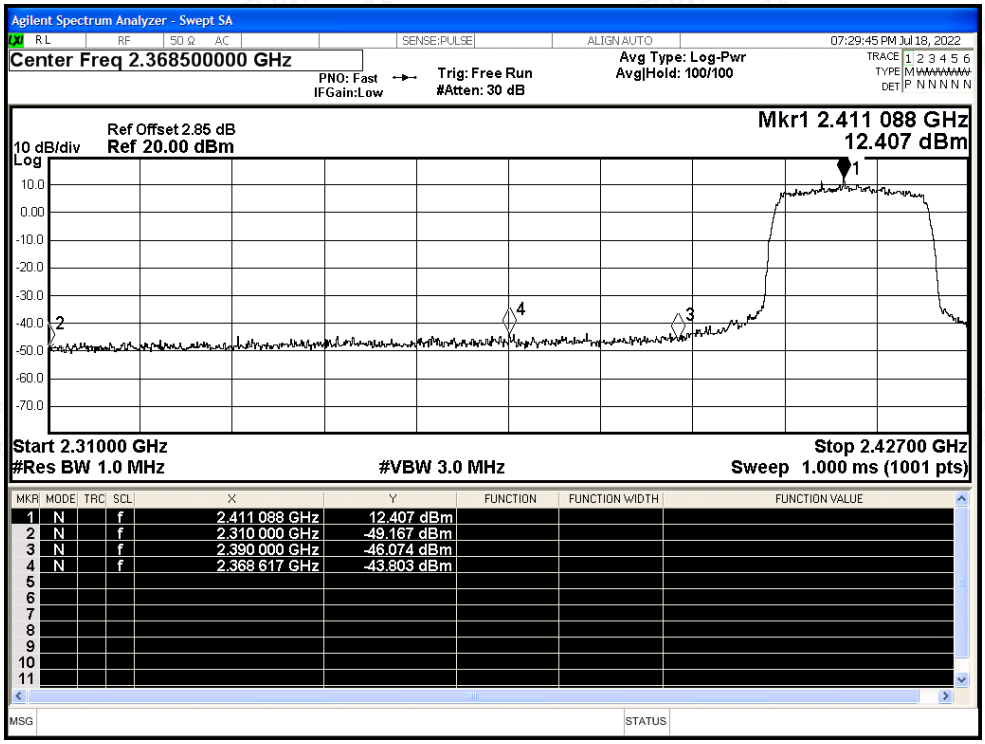
Restrict Band NVNT n40 2452MHz Ant1 Peak



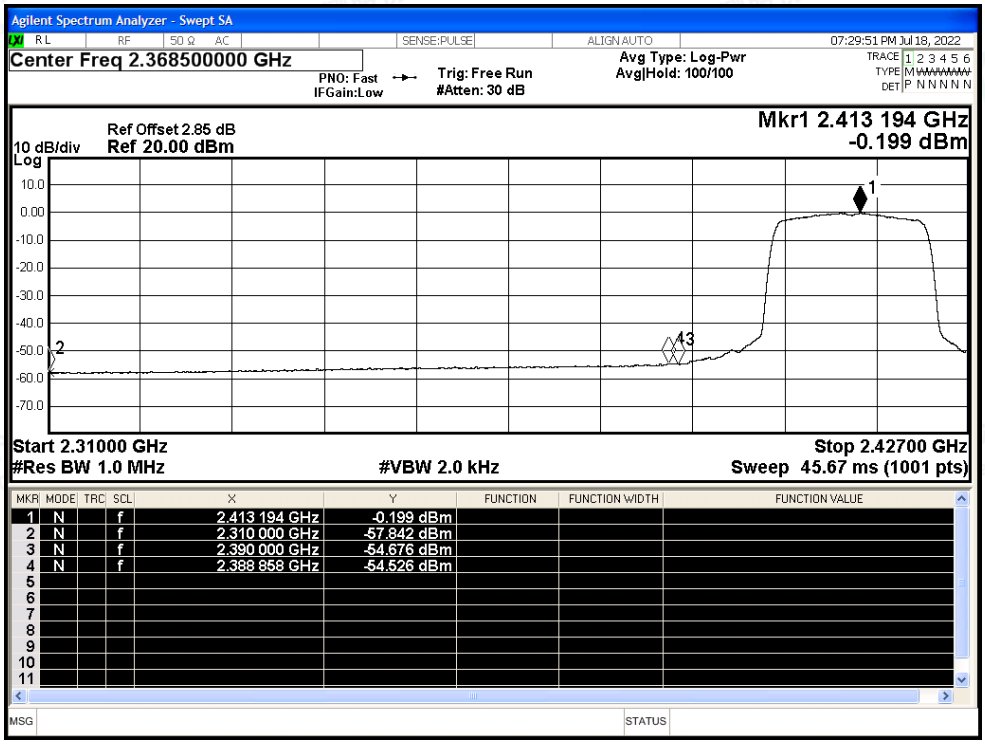
Restrict Band NVNT n40 2452MHz Ant1 Average



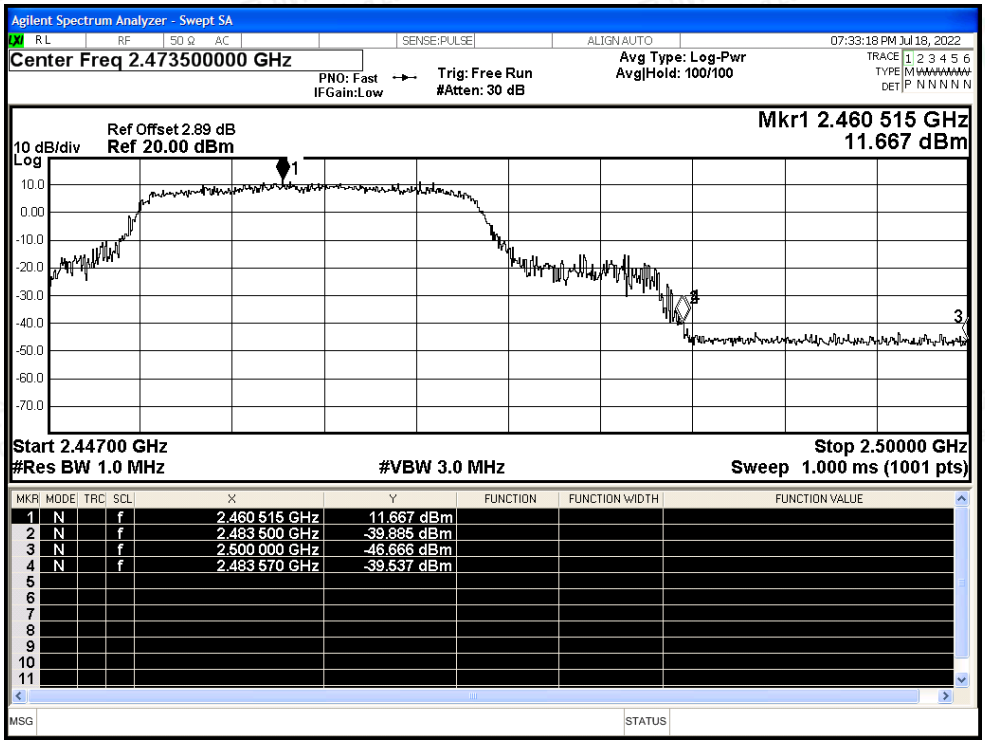
Restrict Band NVNT ax20 2412MHz Ant1 Peak



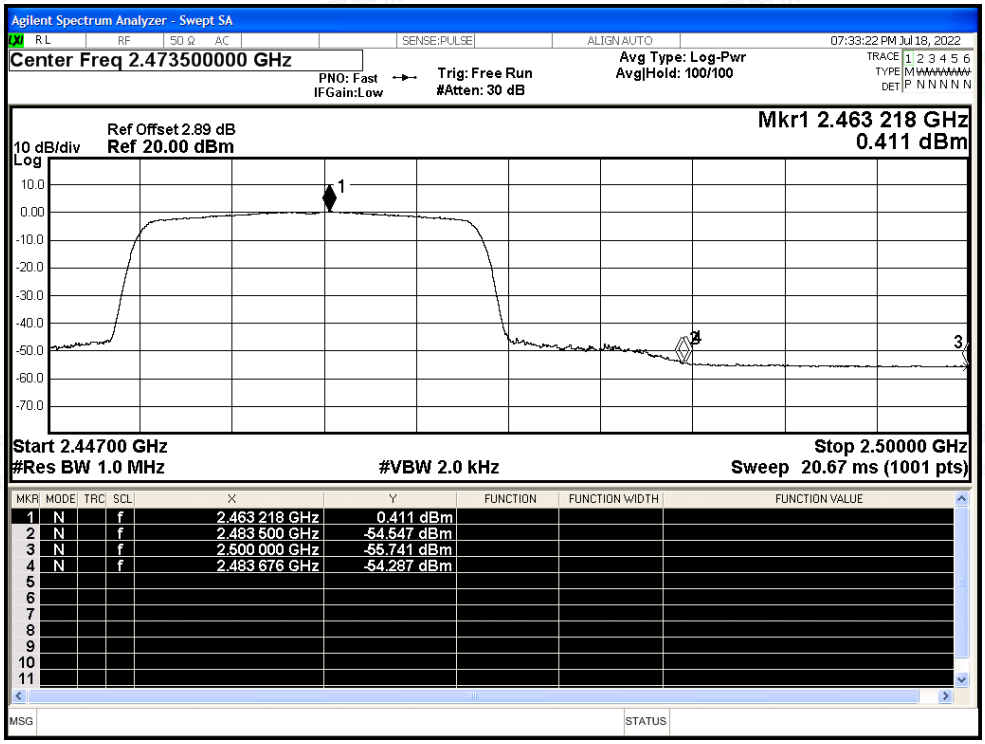
Restrict Band NVNT ax20 2412MHz Ant1 Average



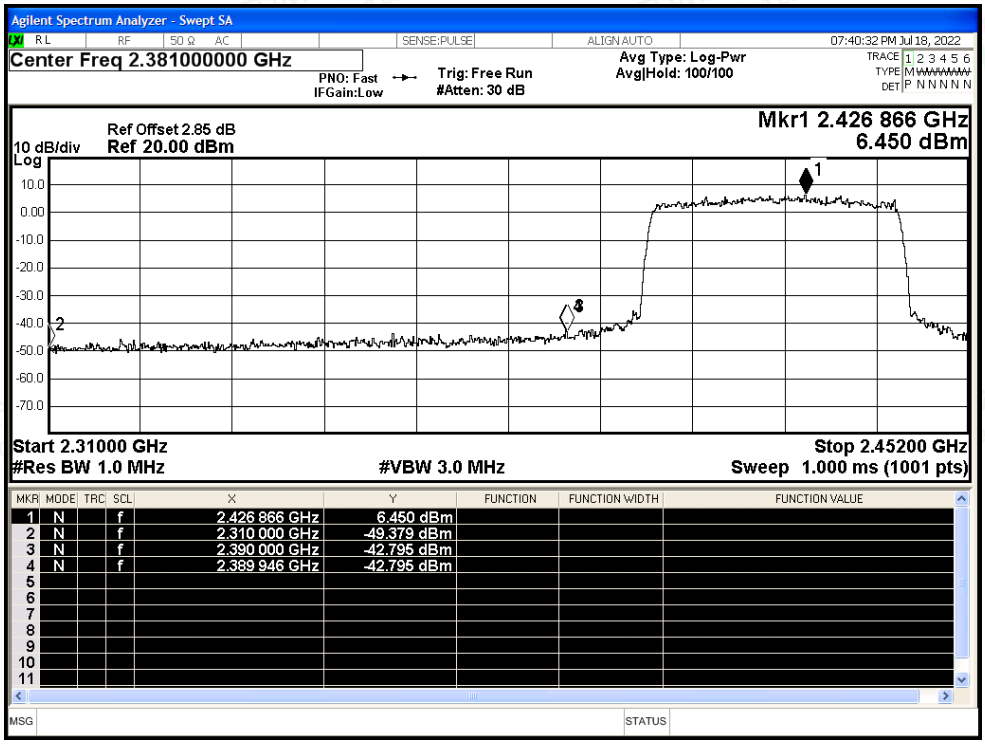
Restrict Band NVNT ax20 2462MHz Ant1 Peak



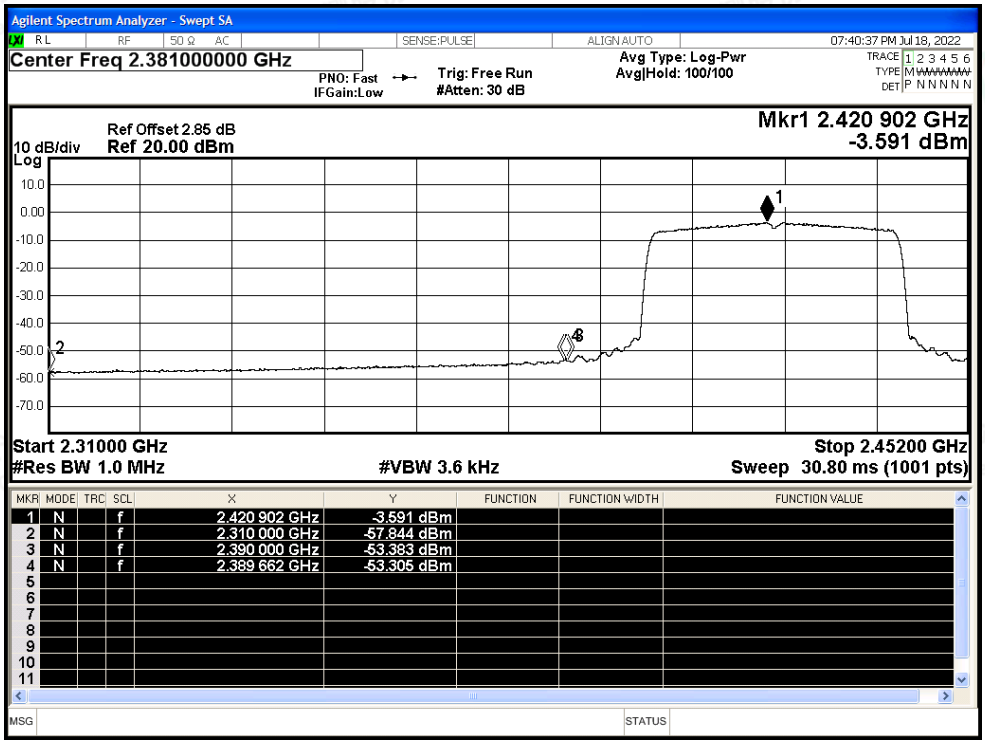
Restrict Band NVNT ax20 2462MHz Ant1 Average



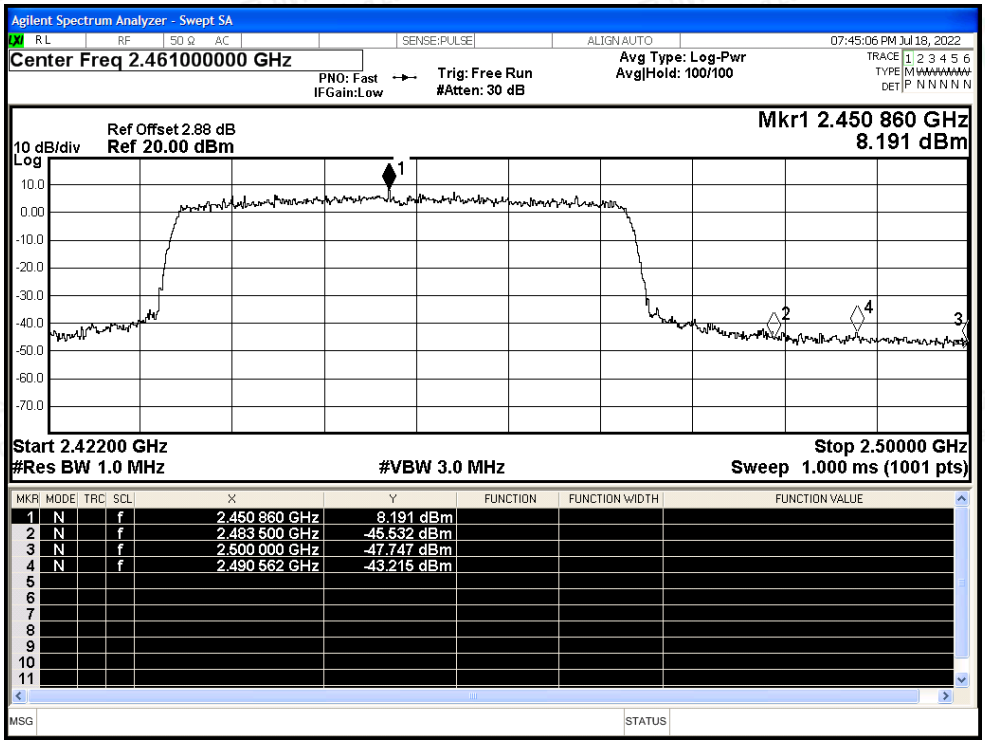
Restrict Band NVNT ax40 2422MHz Ant1 Peak



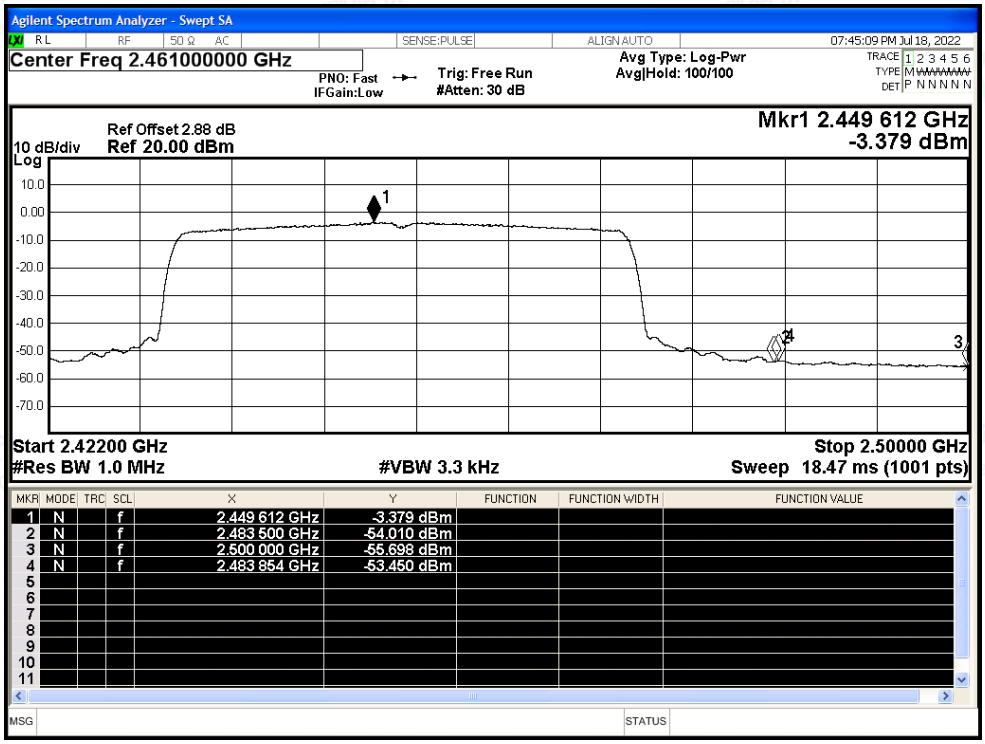
Restrict Band NVNT ax40 2422MHz Ant1 Average



Restrict Band NVNT ax40 2452MHz Ant1 Peak



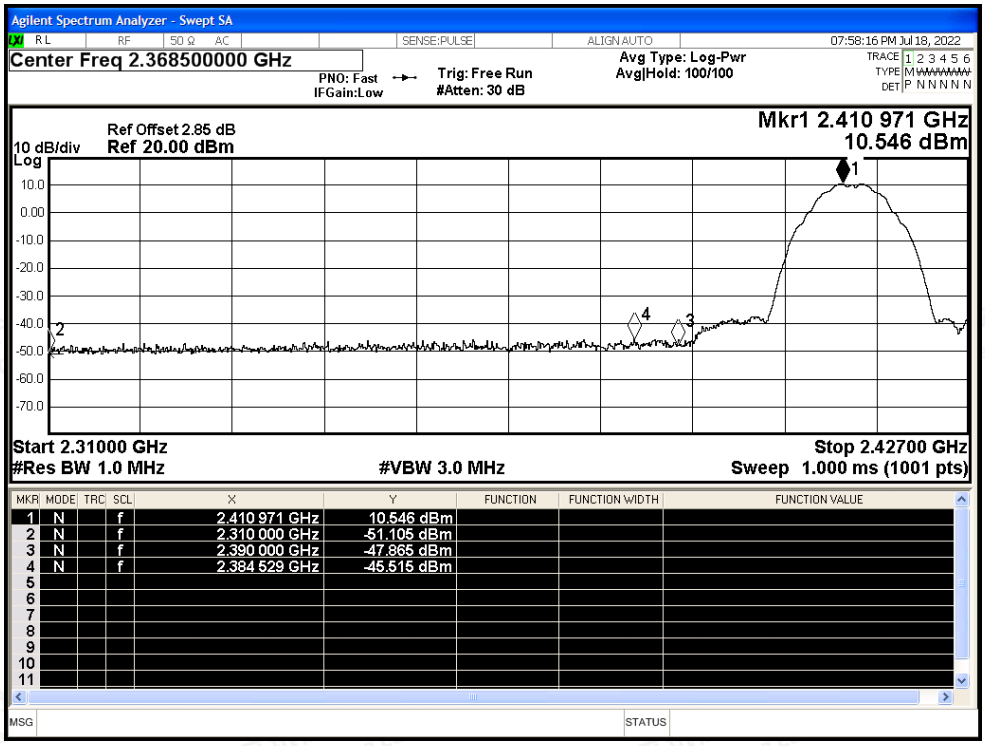
Restrict Band NVNT ax40 2452MHz Ant1 Average



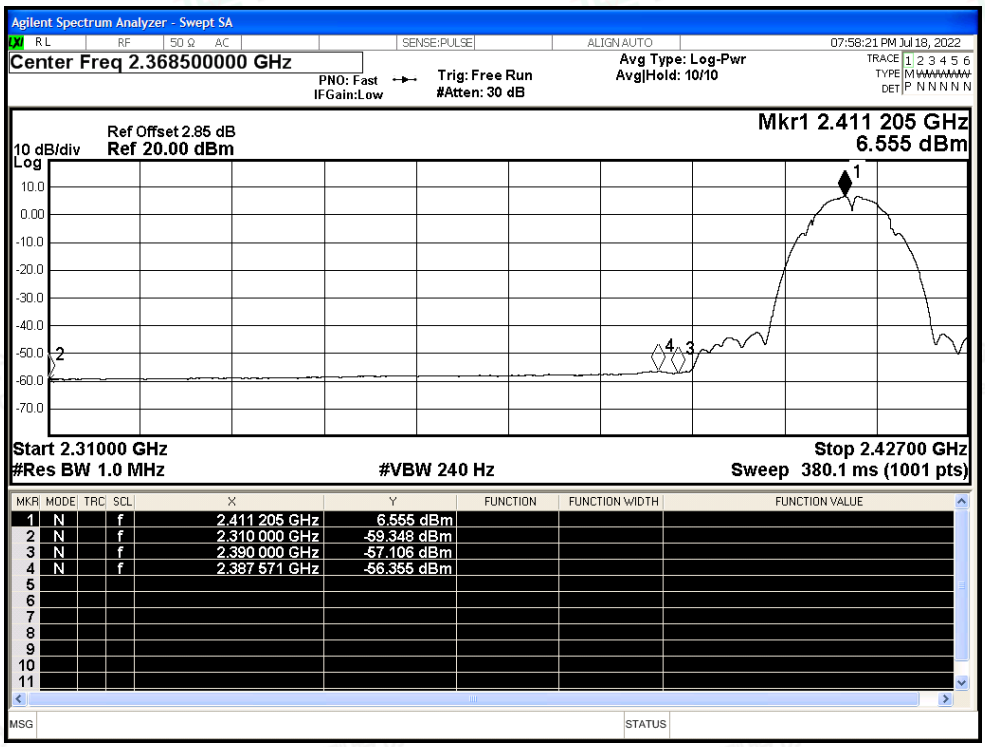
Ant1:

Test Graphs

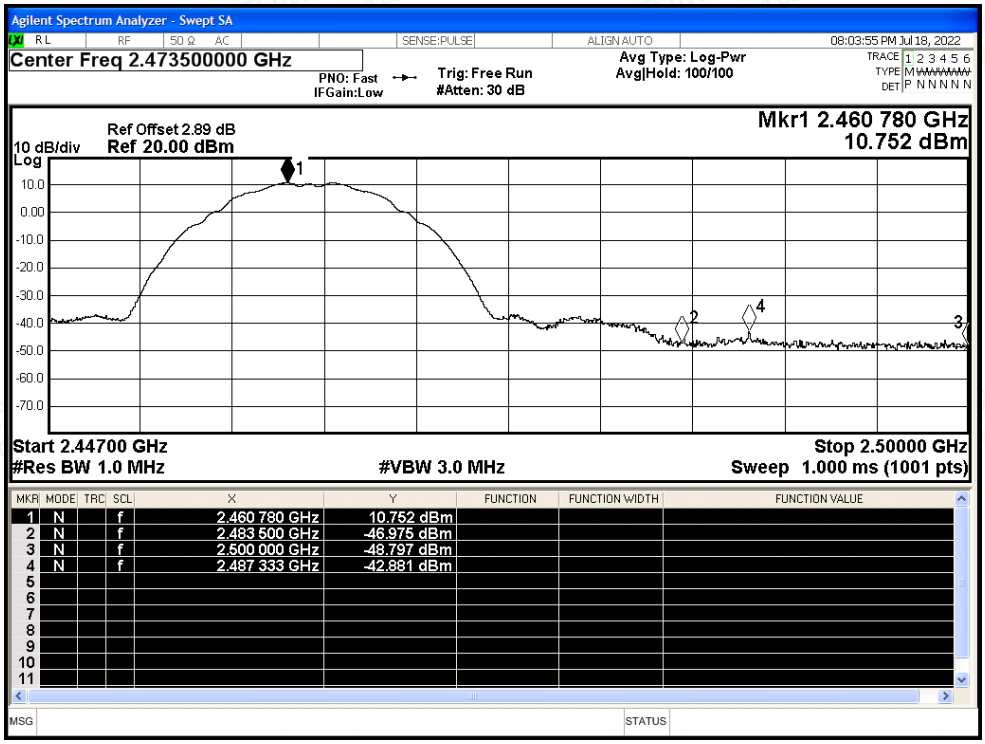
Restrict Band NVNT b 2412MHz Ant1 Peak



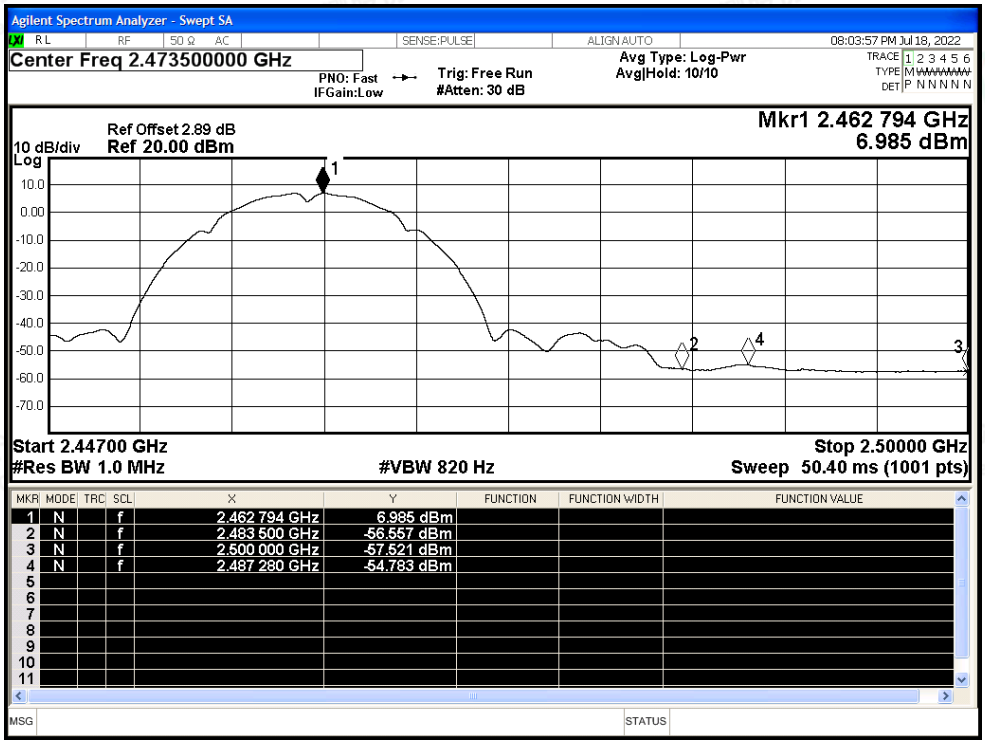
Restrict Band NVNT b 2412MHz Ant1 Average



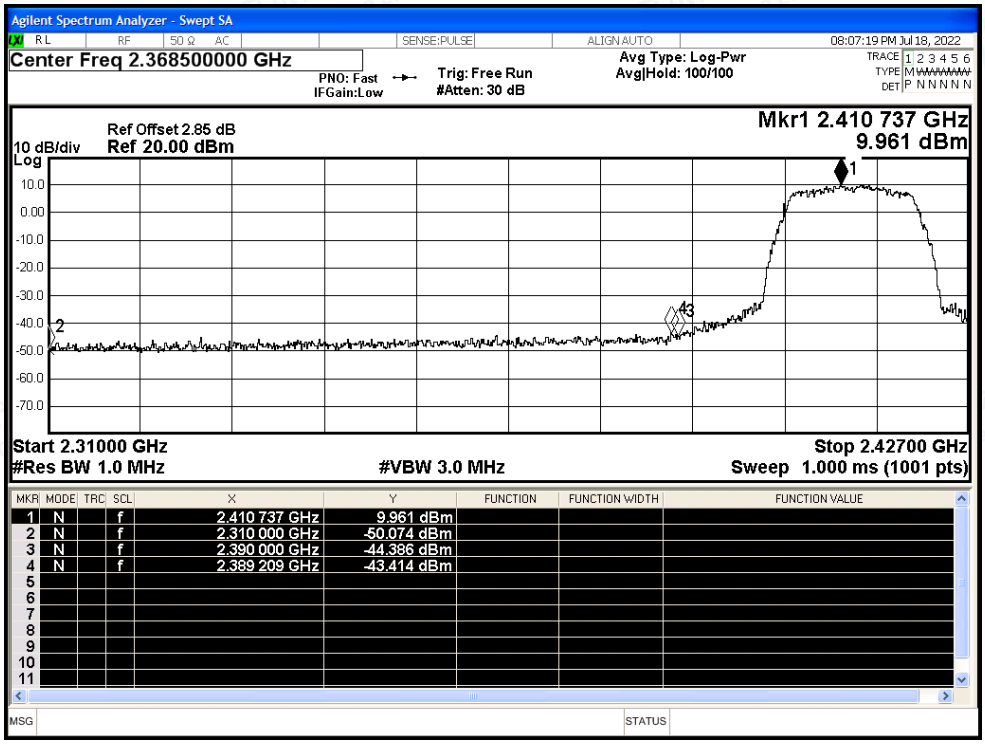
Restrict Band NVNT b 2462MHz Ant1 Peak



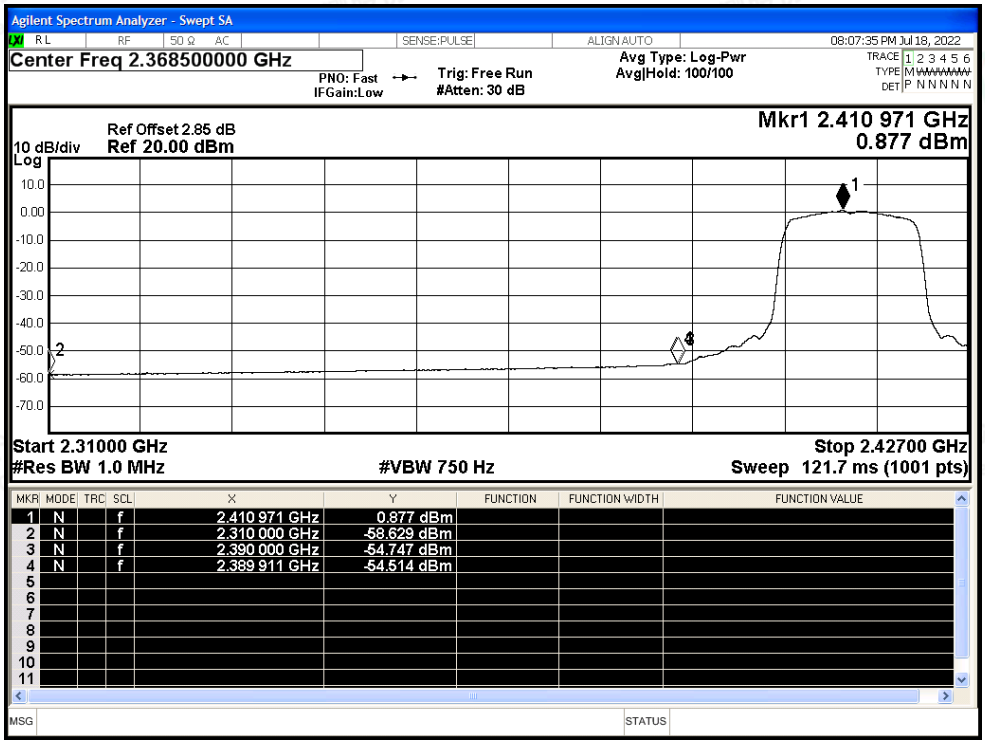
Restrict Band NVNT b 2462MHz Ant1 Average



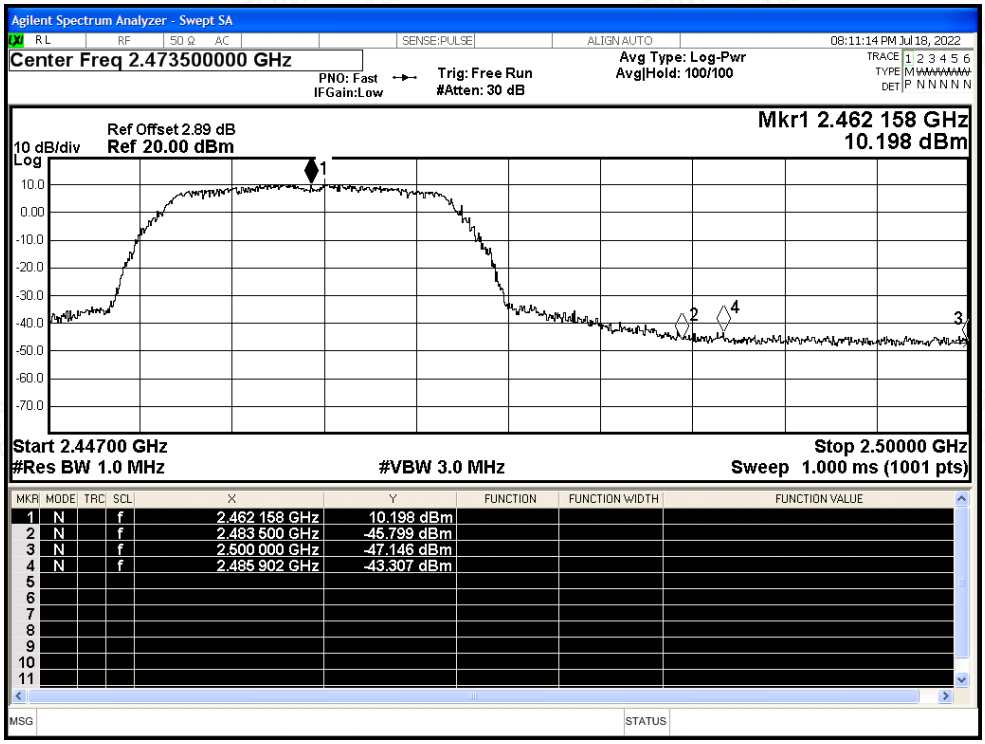
Restrict Band NVNT g 2412MHz Ant1 Peak



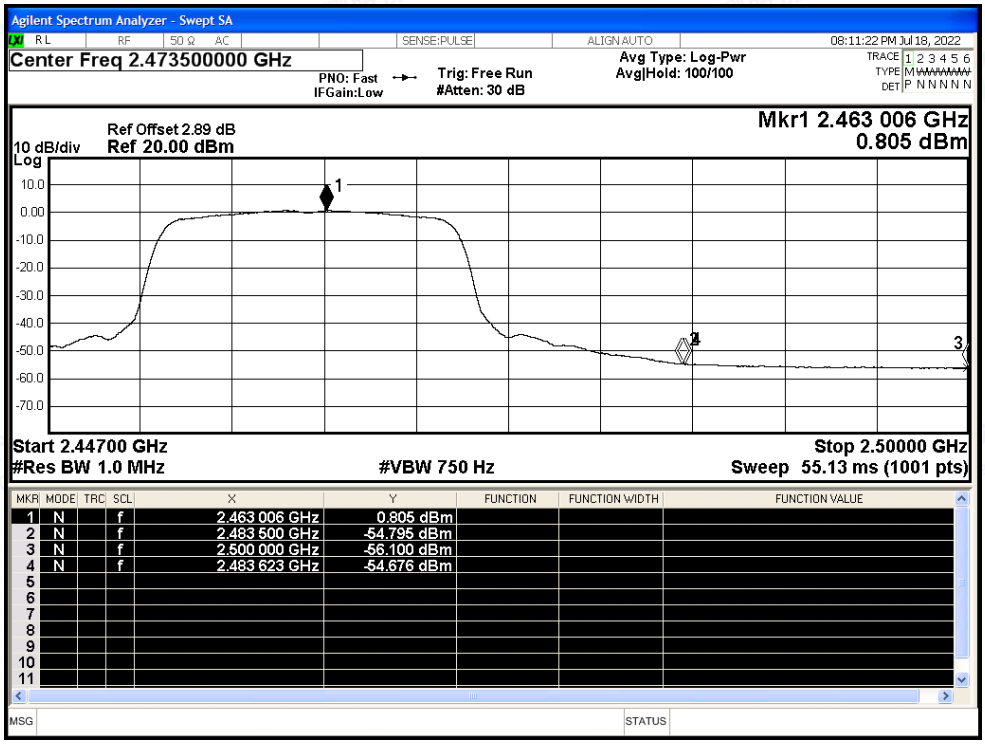
Restrict Band NVNT g 2412MHz Ant1 Average



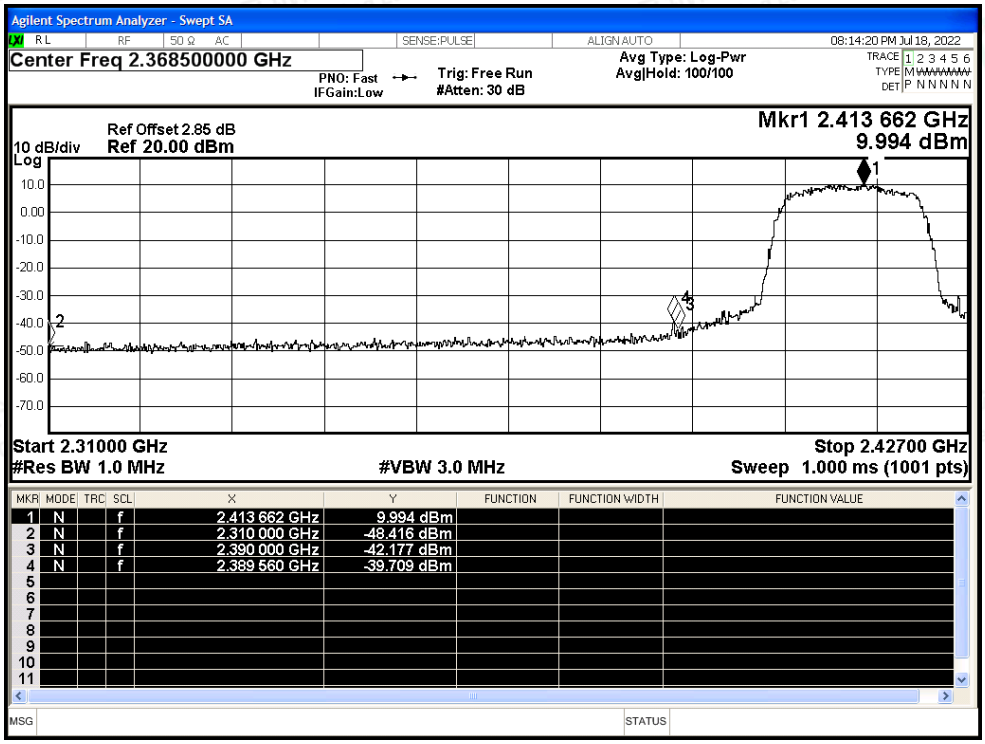
Restrict Band NVNT g 2462MHz Ant1 Peak



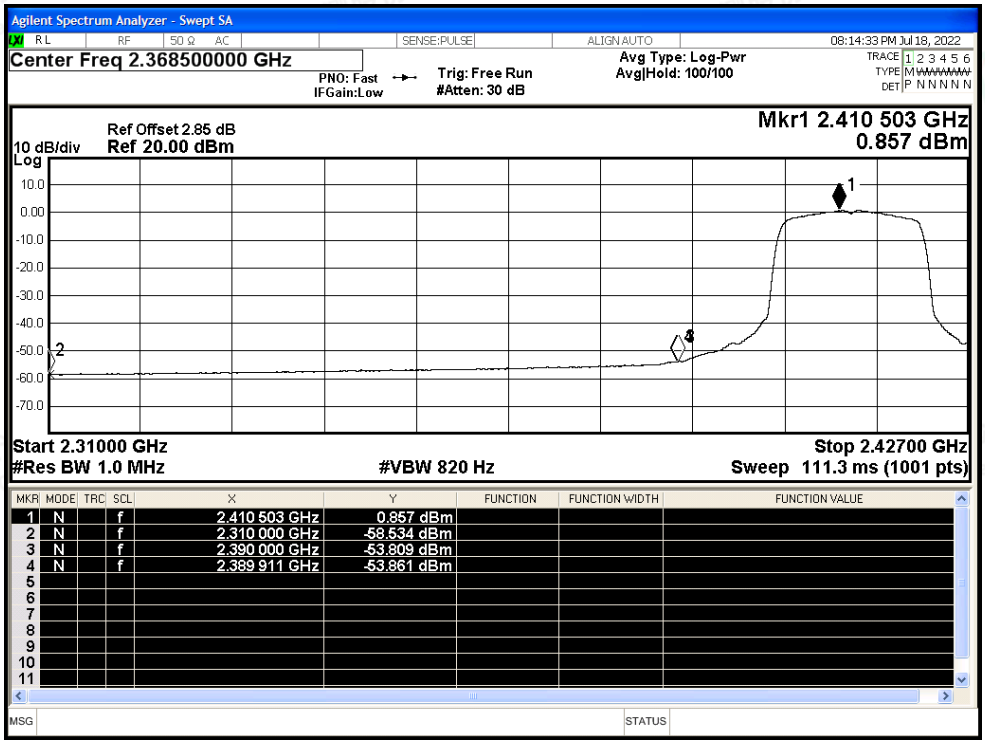
Restrict Band NVNT g 2462MHz Ant1 Average



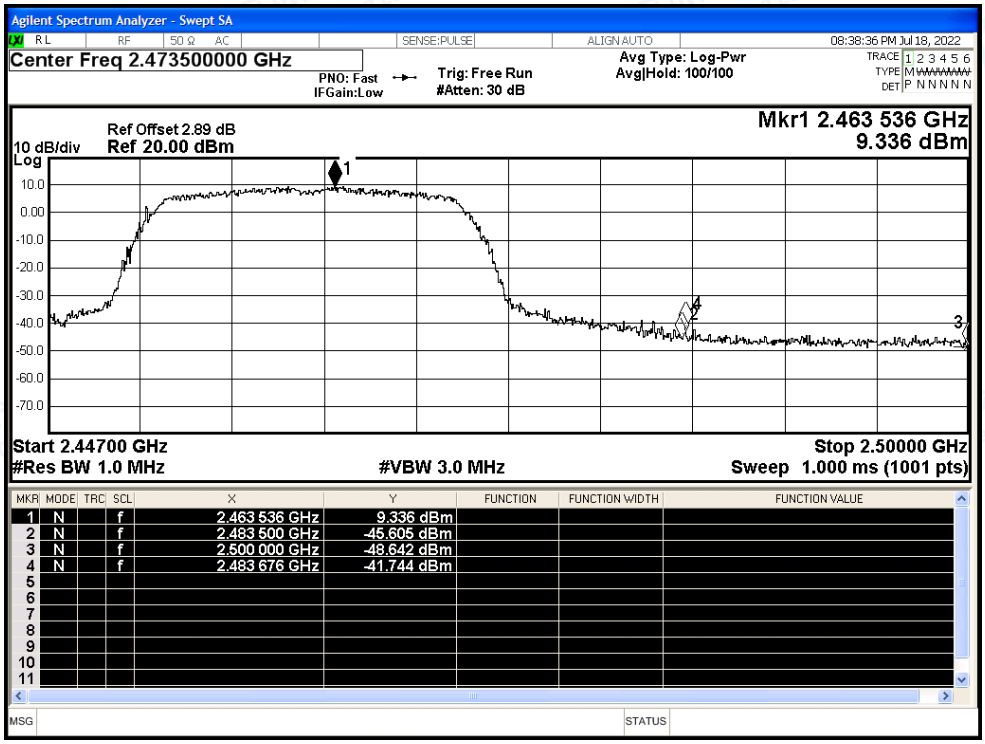
Restrict Band NVNT n20 2412MHz Ant1 Peak



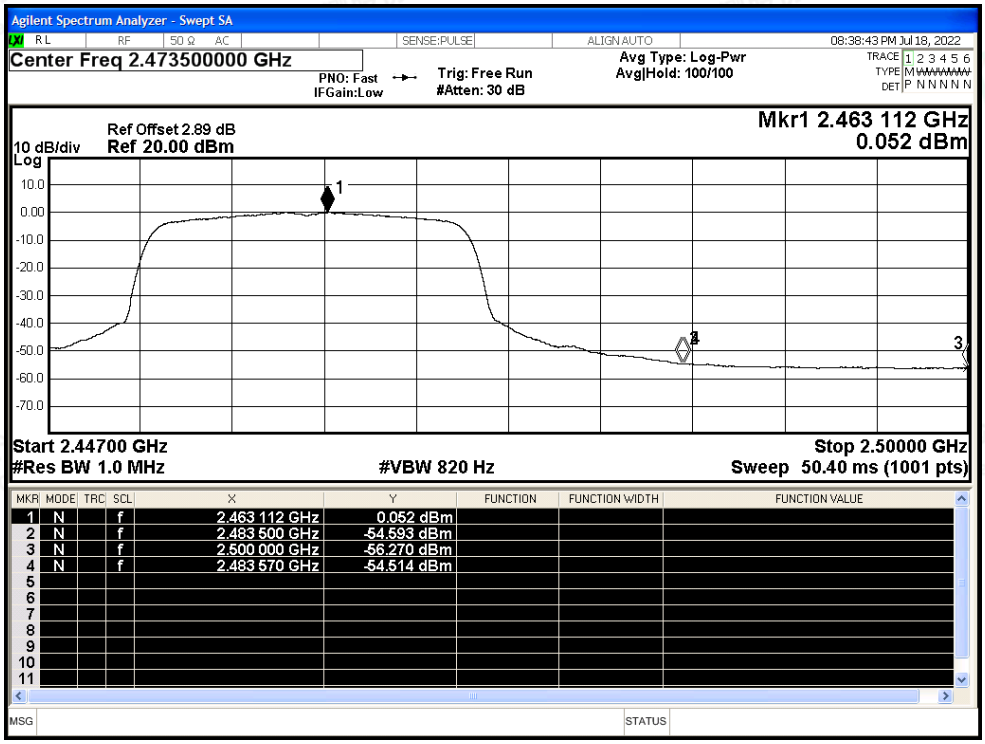
Restrict Band NVNT n20 2412MHz Ant1 Average



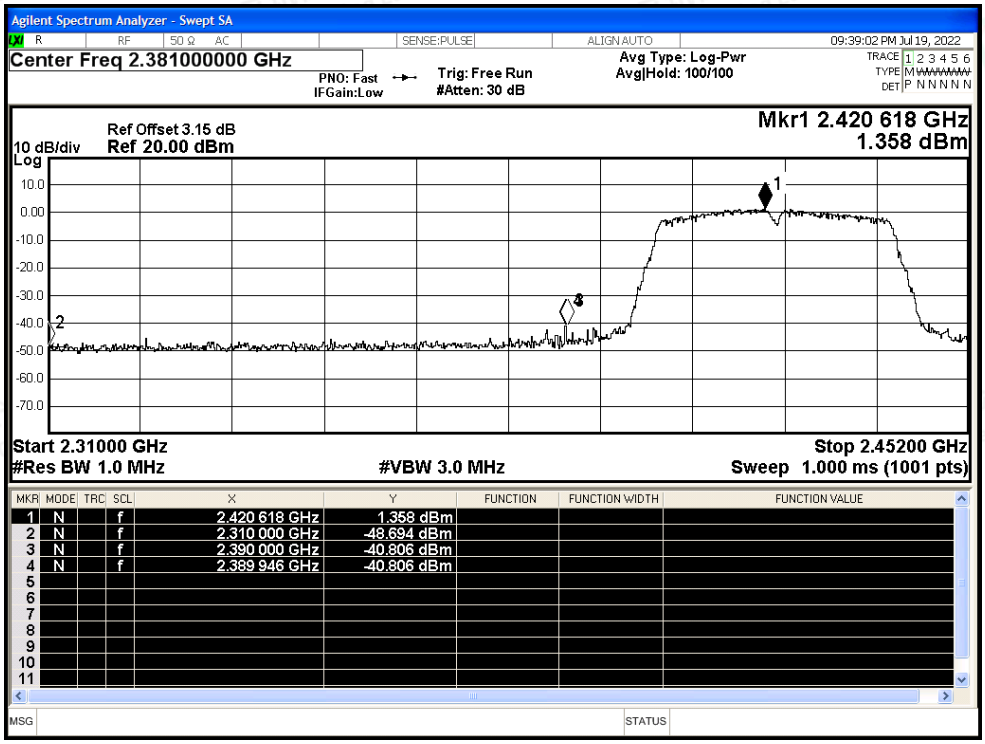
Restrict Band NVNT n20 2462MHz Ant1 Peak



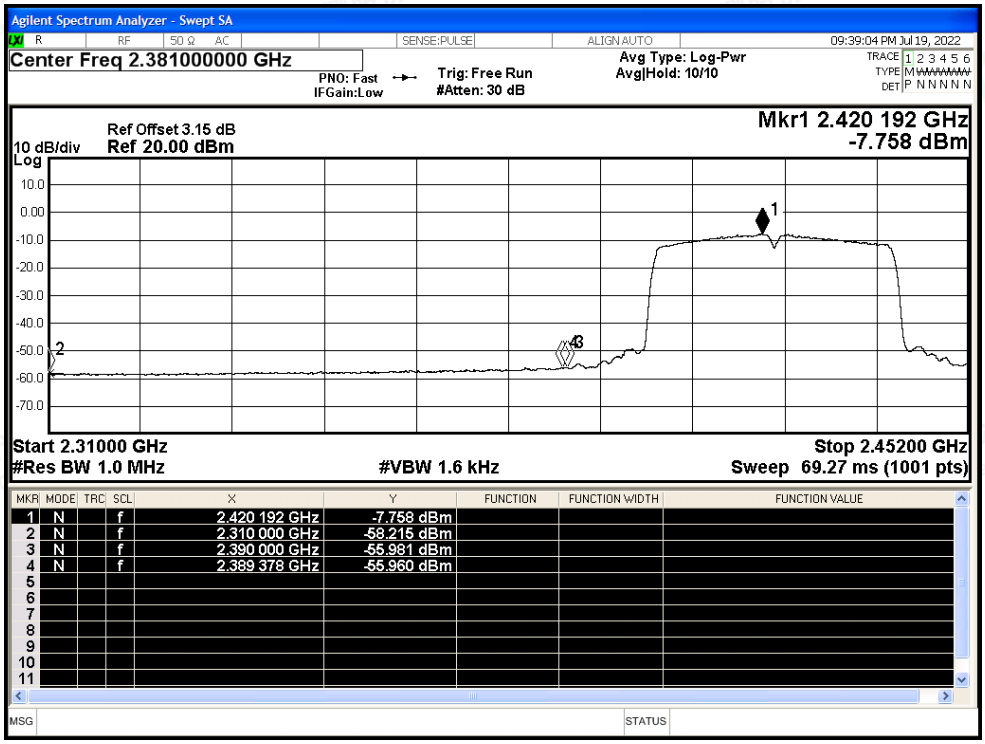
Restrict Band NVNT n20 2462MHz Ant1 Average



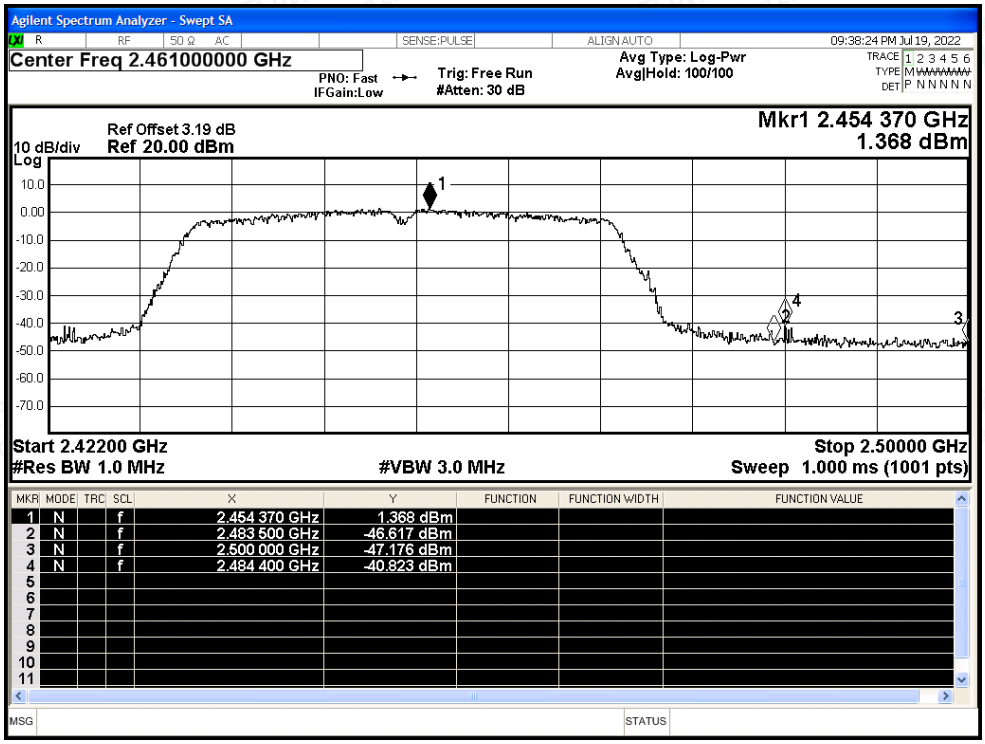
Restrict Band NVNT n40 2422MHz Ant1 Peak



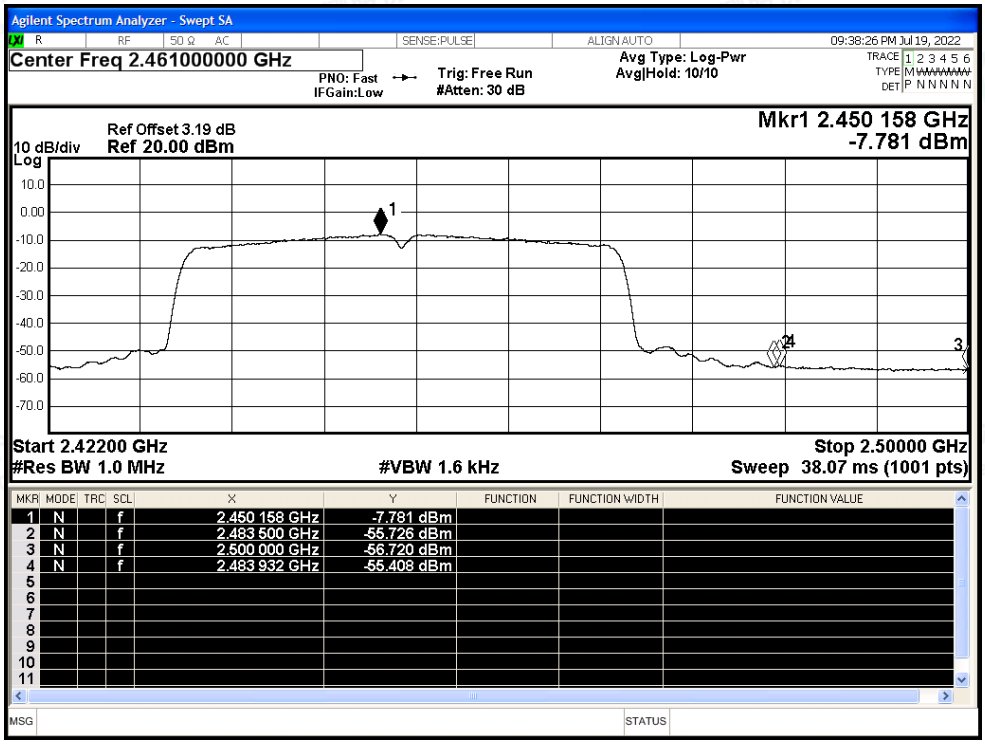
Restrict Band NVNT n40 2422MHz Ant1 Average



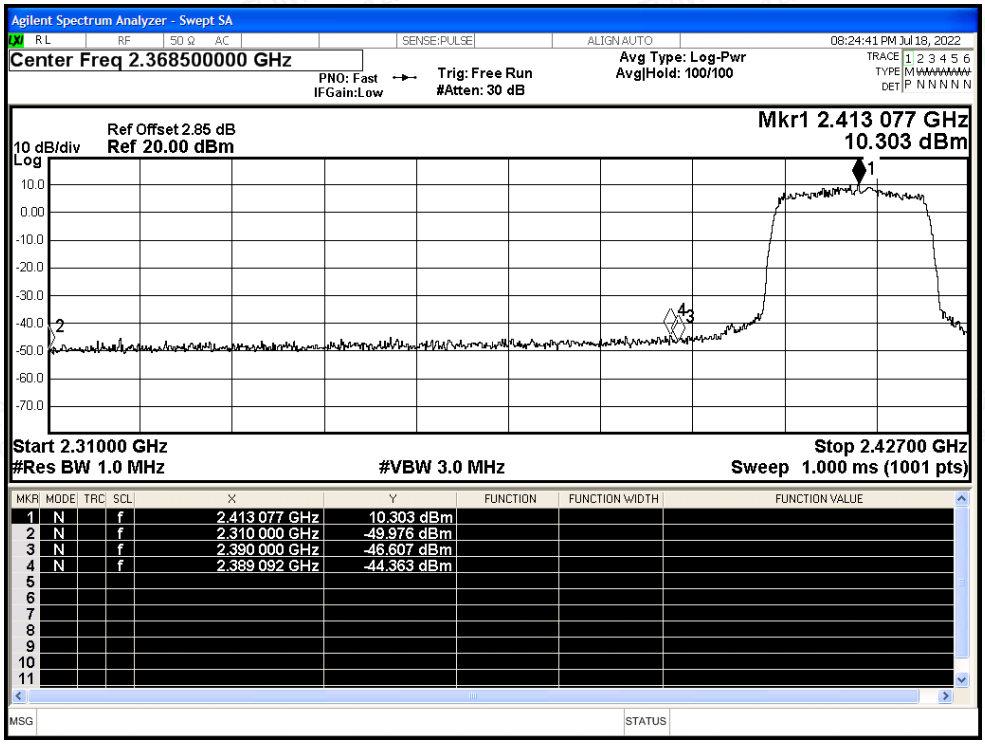
Restrict Band NVNT n40 2452MHz Ant1 Peak



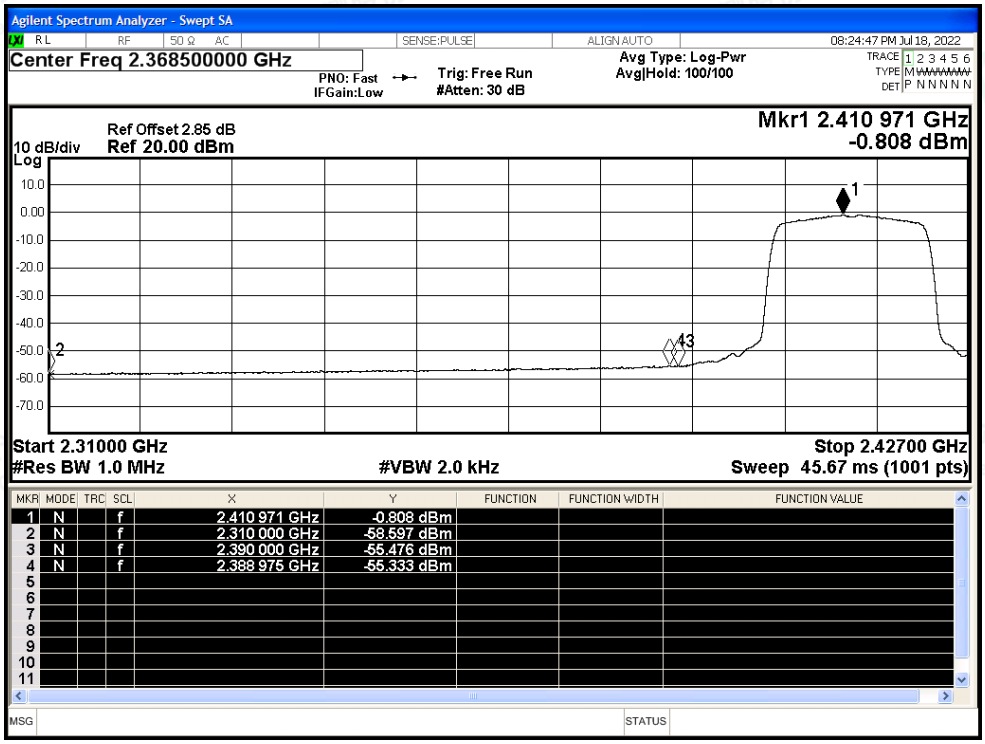
Restrict Band NVNT n40 2452MHz Ant1 Average



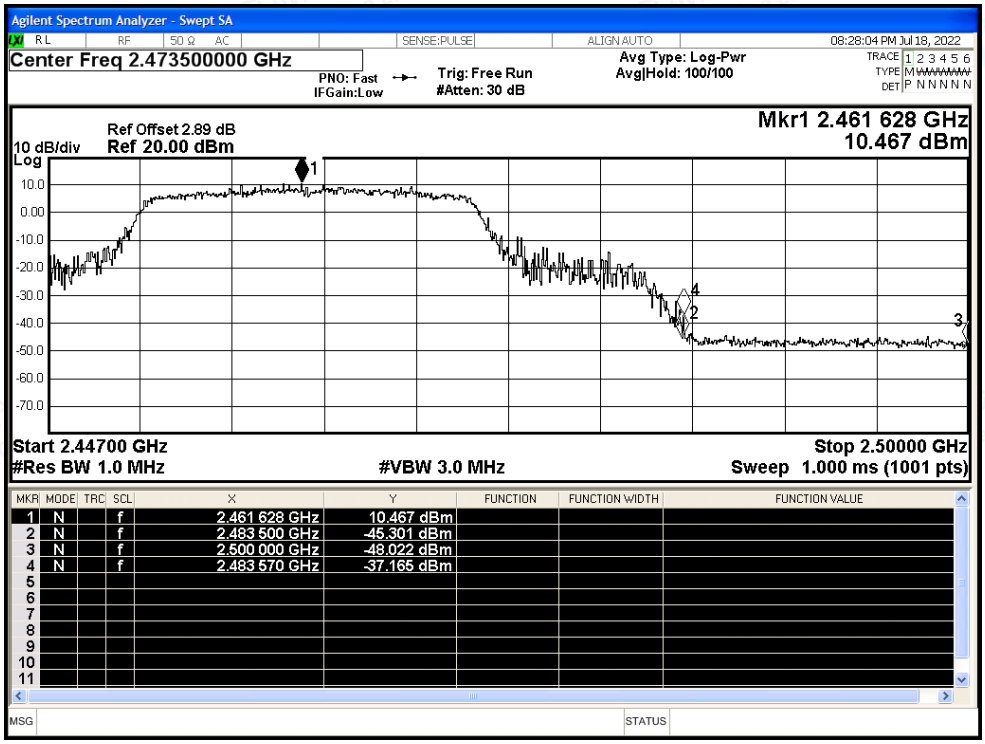
Restrict Band NVNT ax20 2412MHz Ant1 Peak



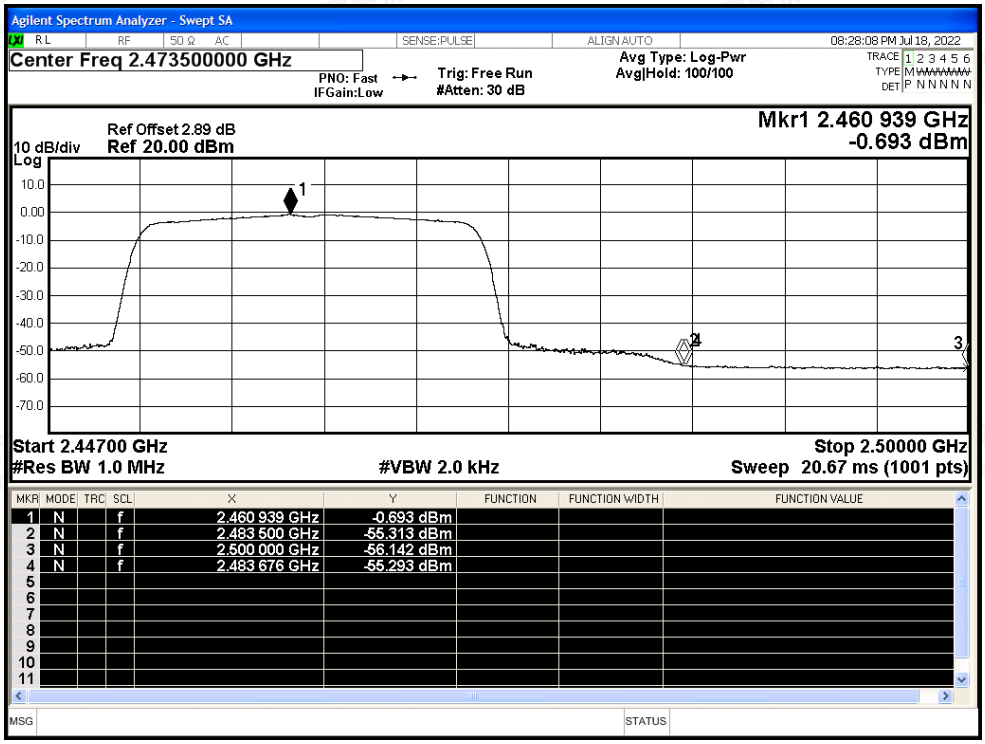
Restrict Band NVNT ax20 2412MHz Ant1 Average



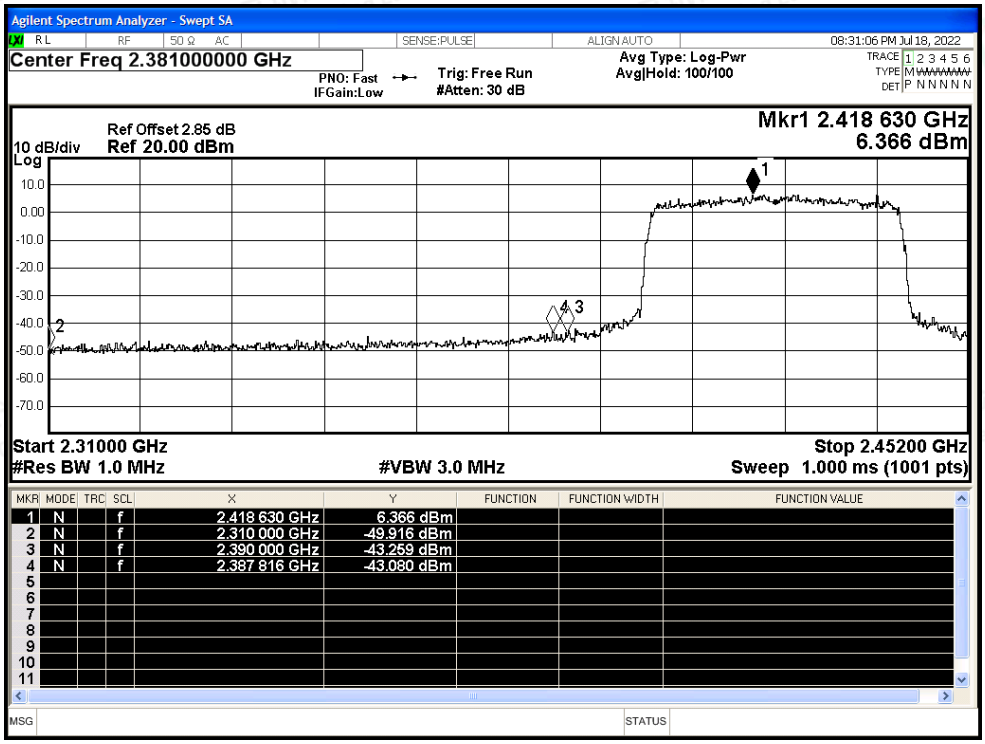
Restrict Band NVNT ax20 2462MHz Ant1 Peak



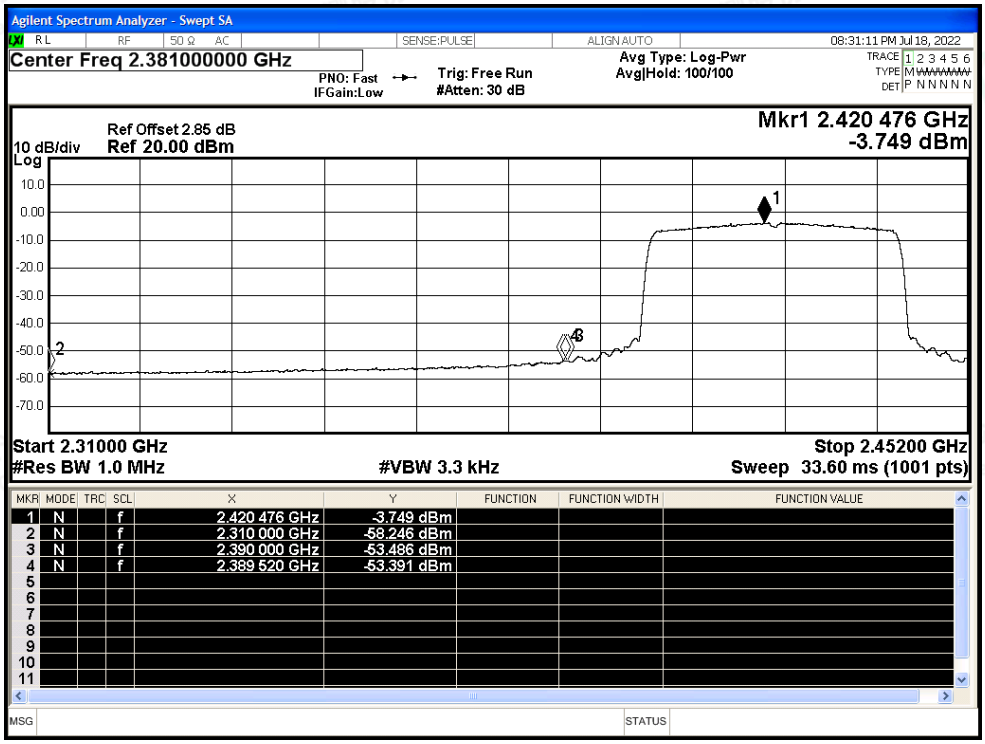
Restrict Band NVNT ax20 2462MHz Ant1 Average



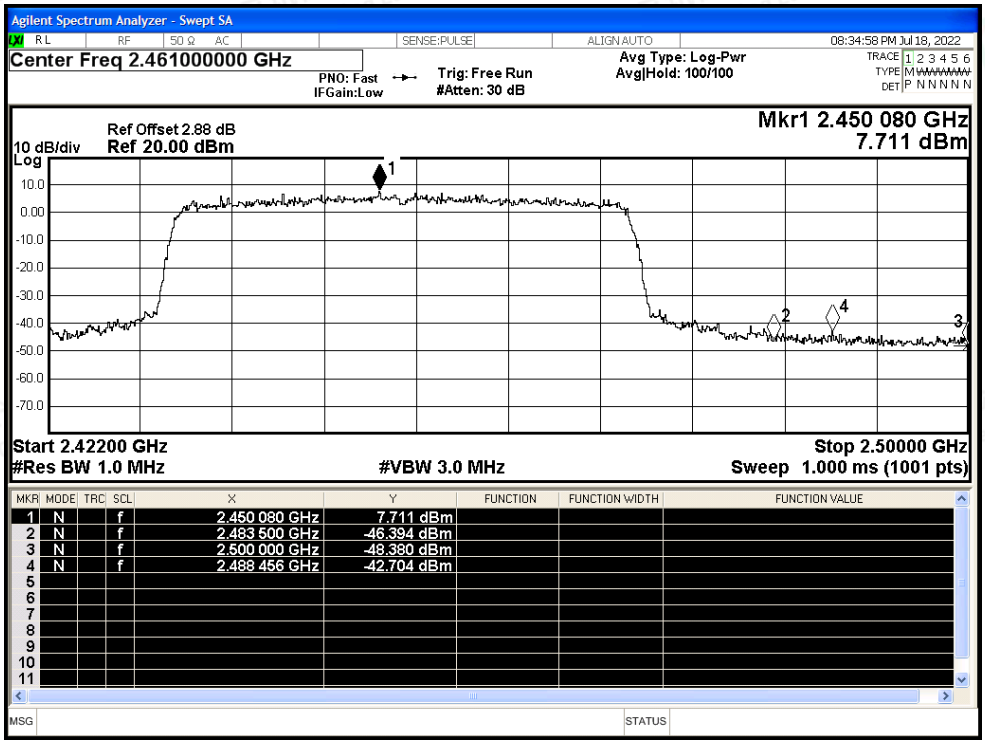
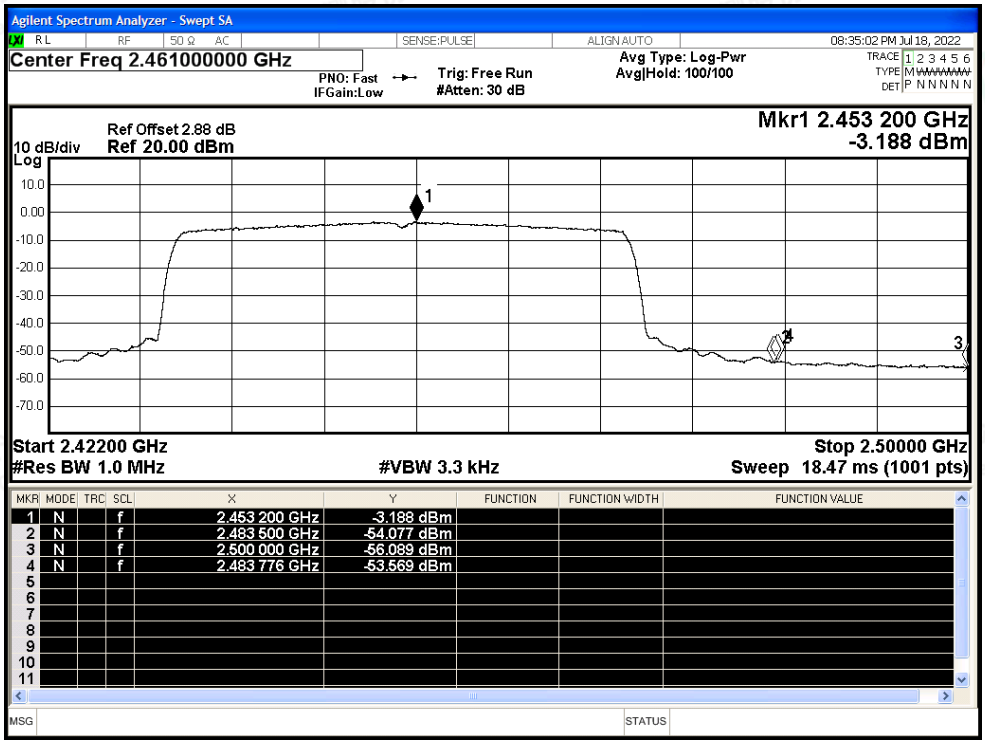
Restrict Band NVNT ax40 2422MHz Ant1 Peak



Restrict Band NVNT ax40 2422MHz Ant1 Average



Restrict Band NVNT ax40 2452MHz Ant1 Peak



Restrict Band NVNT ax40 2452MHz Ant1 Average