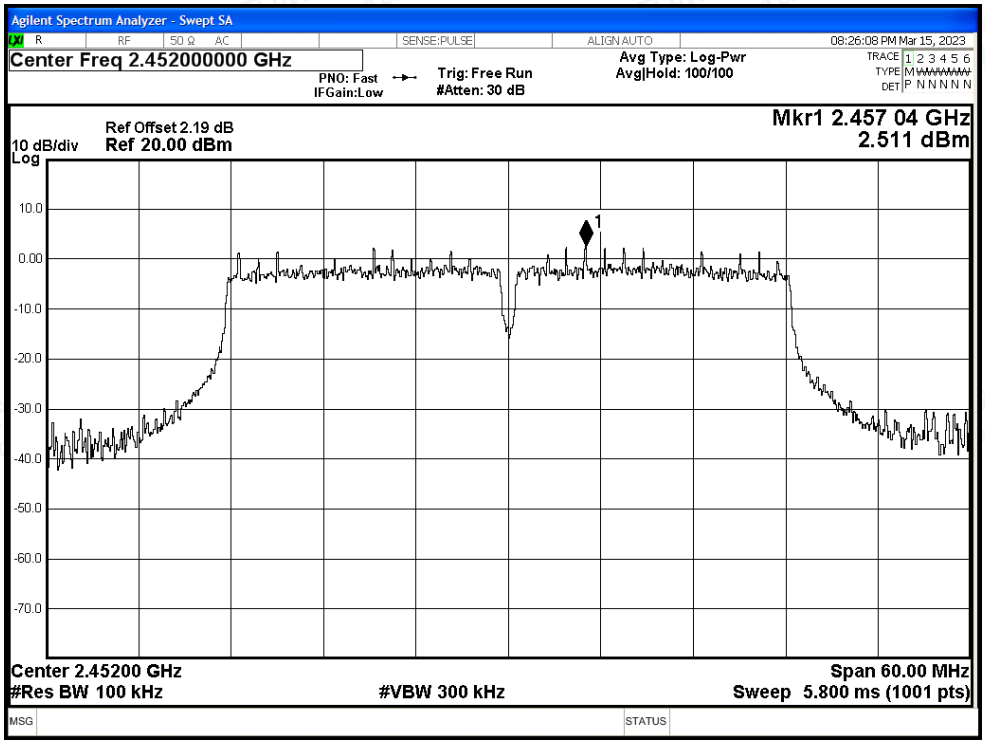
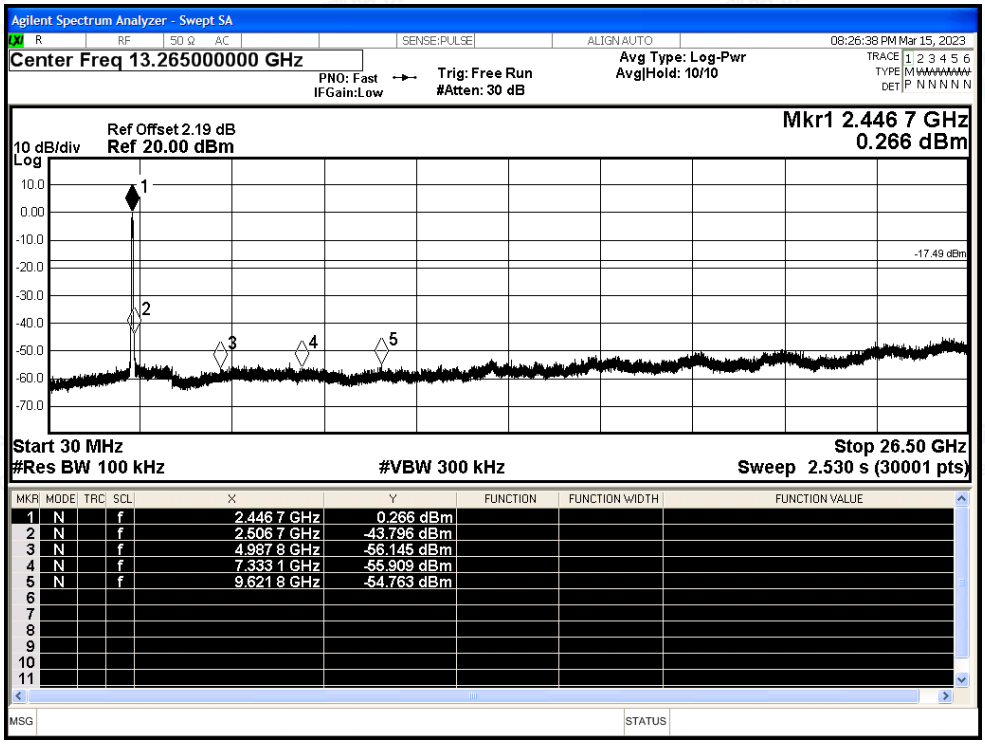
Tx. Spurious NVNT n40 2452MHz Ant0 Ref

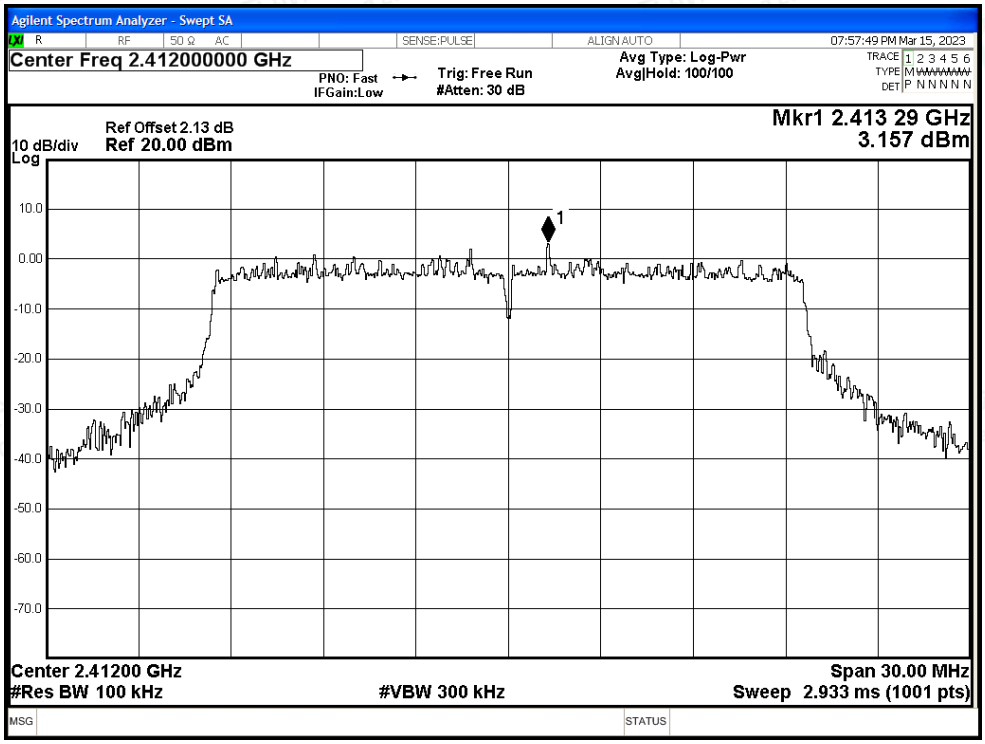


Tx. Spurious NVNT n40 2452MHz Ant0 Emission

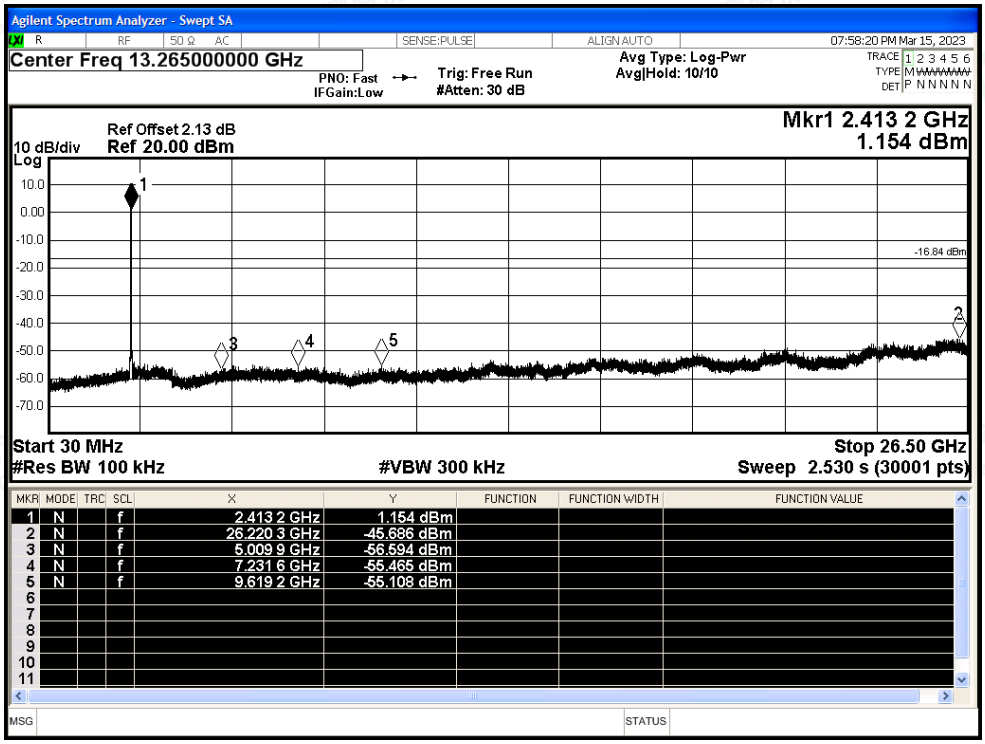


MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N		f	2.446 7 GHz	0.266 dBm			
2	N		f	2.506 7 GHz	-43.796 dBm			
3	N		f	4.987 8 GHz	-56.145 dBm			
4	N		f	7.333 1 GHz	-55.909 dBm			
5	N		f	9.621 8 GHz	-54.763 dBm			
6								
7								
8								
9								
10								
11								

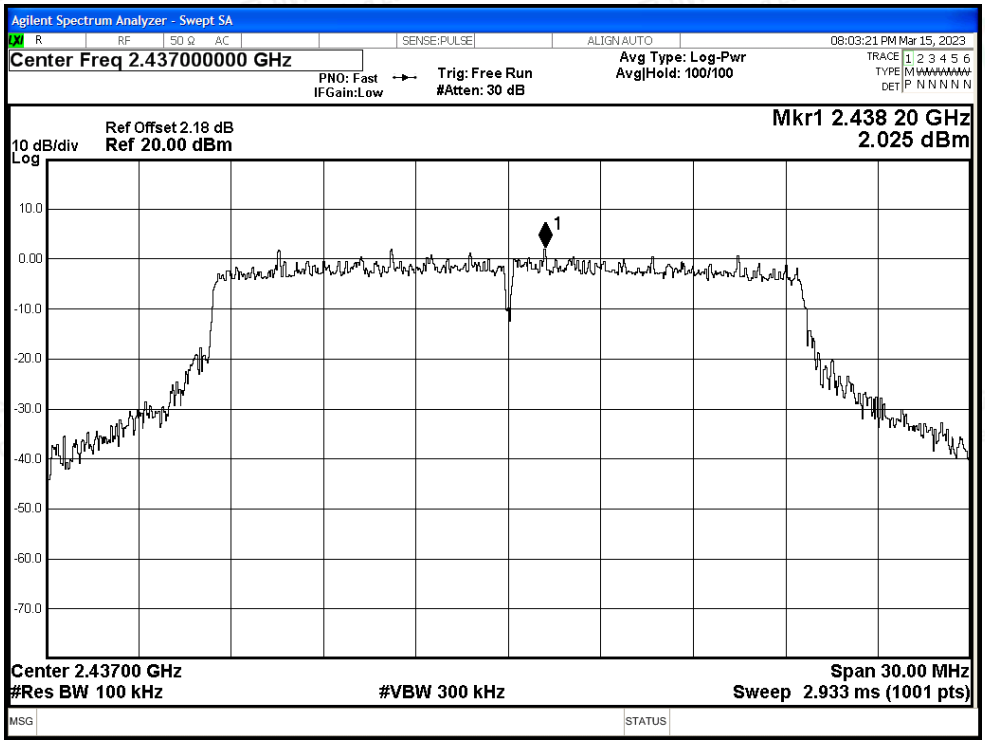
Tx. Spurious NVNT ax20 2412MHz Ant0 Ref



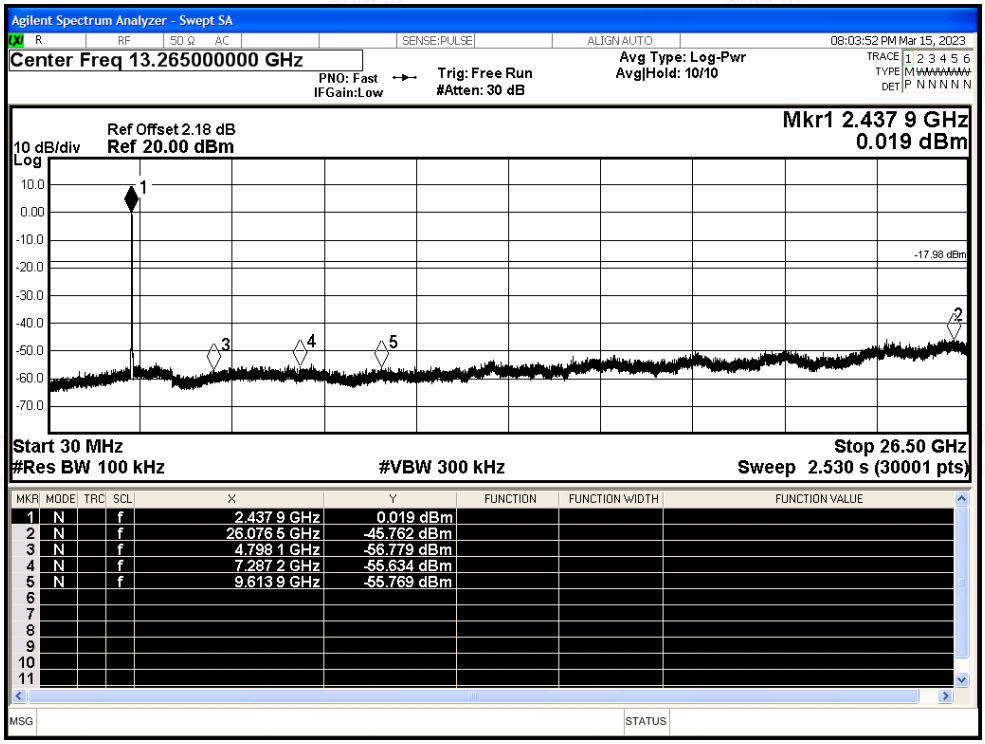
Tx. Spurious NVNT ax20 2412MHz Ant0 Emission



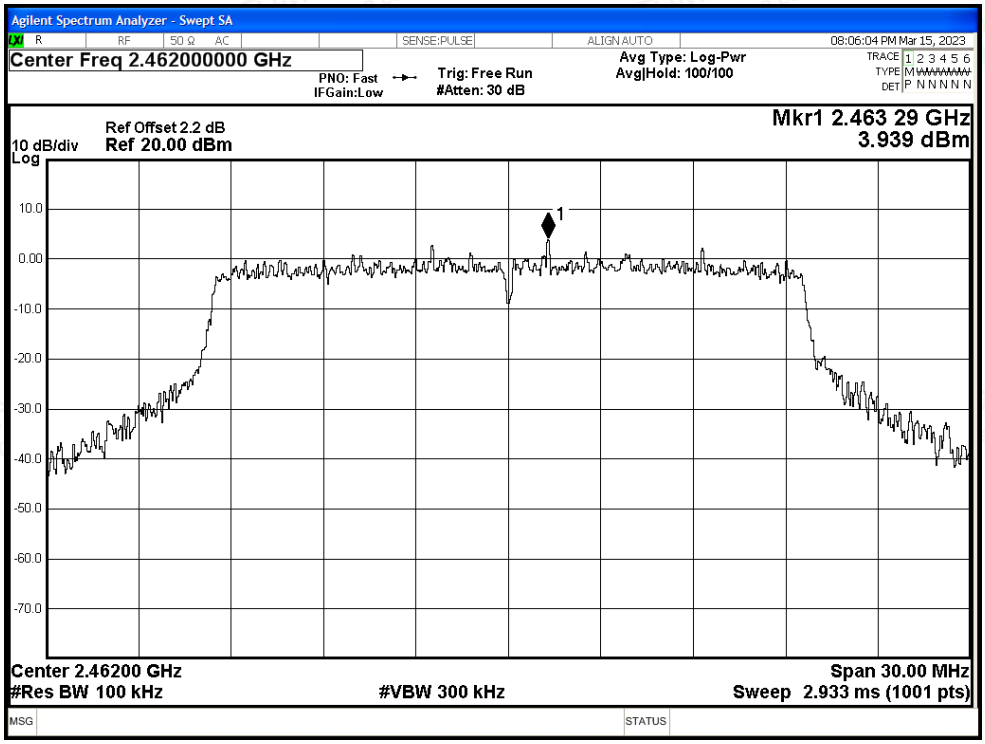
Tx. Spurious NVNT ax20 2437MHz Ant0 Ref



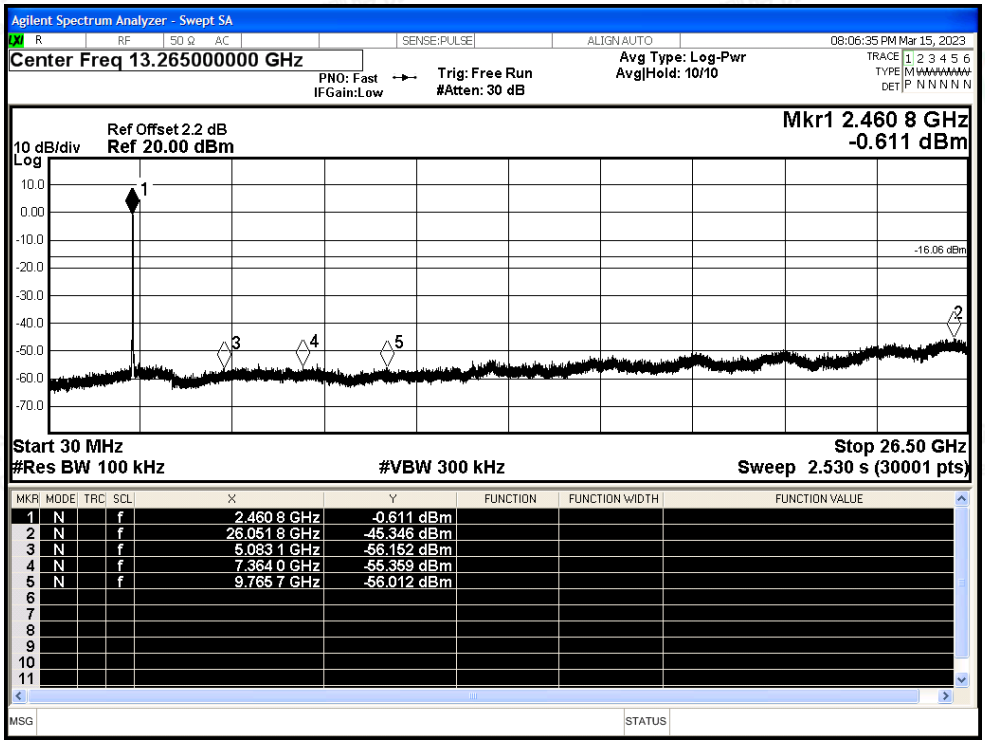
Tx. Spurious NVNT ax20 2437MHz Ant0 Emission



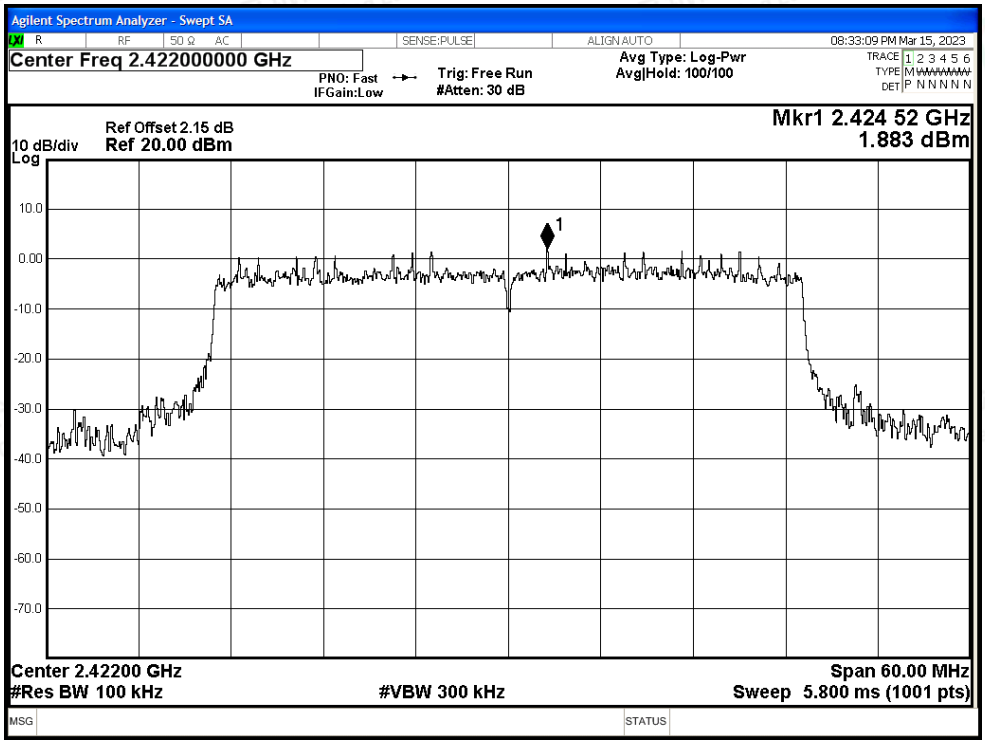
Tx. Spurious NVNT ax20 2462MHz Ant0 Ref



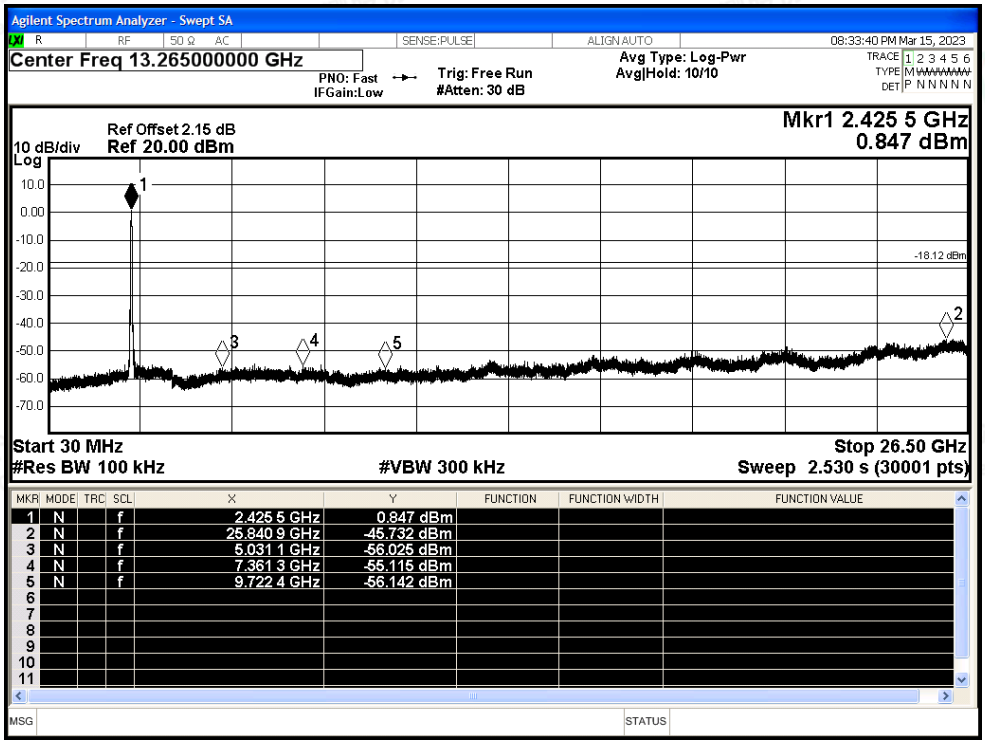
Tx. Spurious NVNT ax20 2462MHz Ant0 Emission



Tx. Spurious NVNT ax40 2422MHz Ant0 Ref



Tx. Spurious NVNT ax40 2422MHz Ant0 Emission



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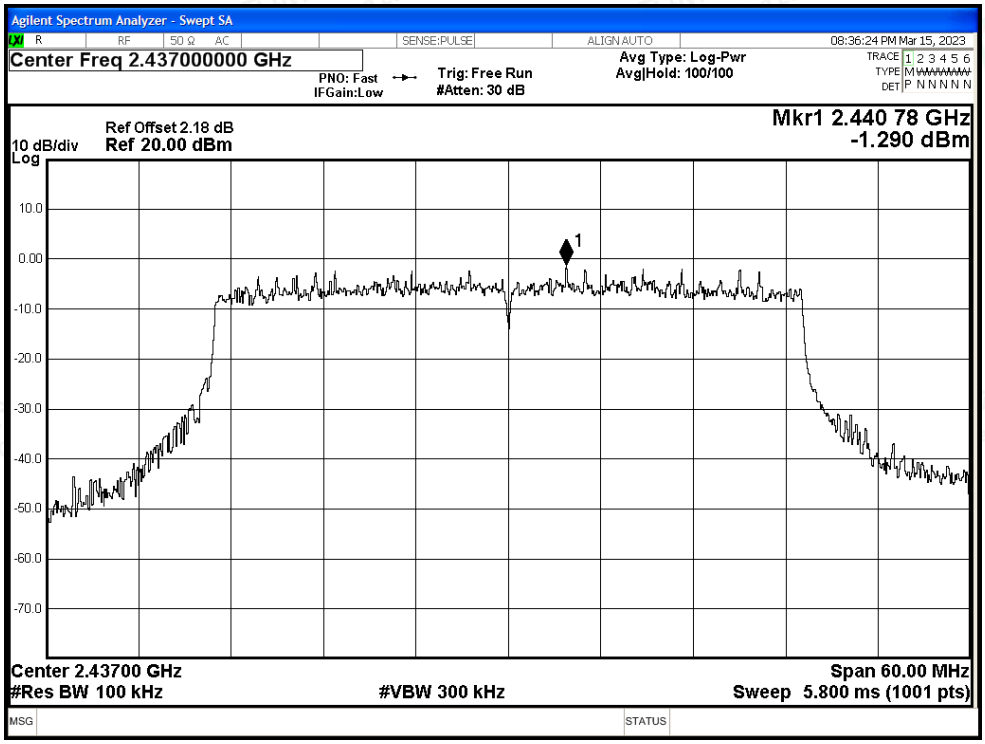

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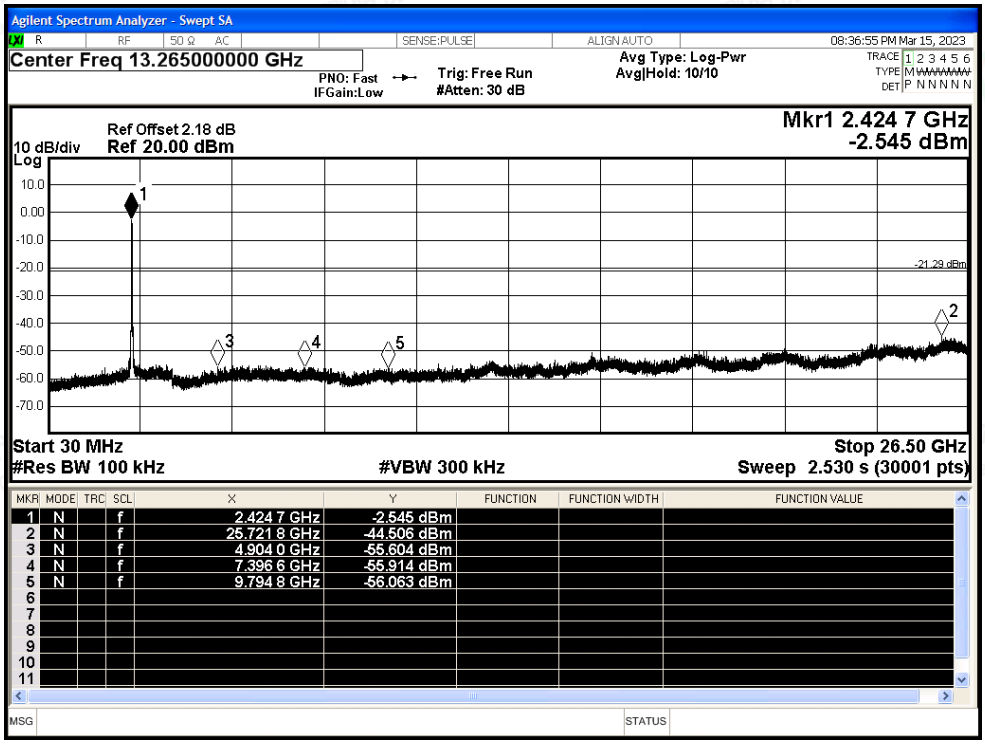

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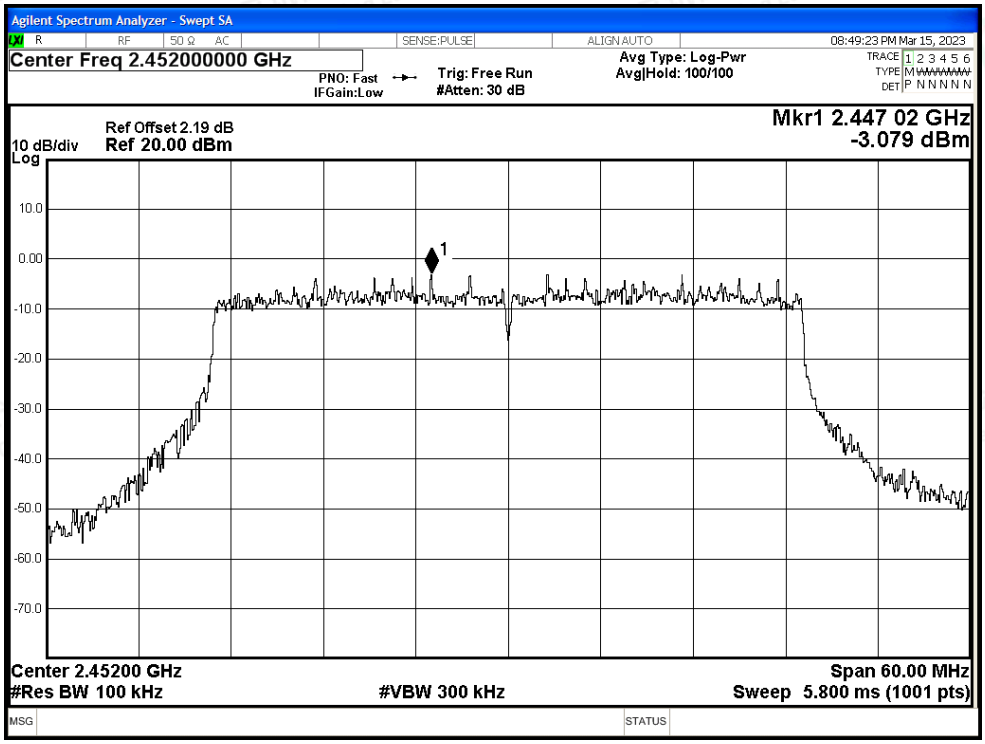
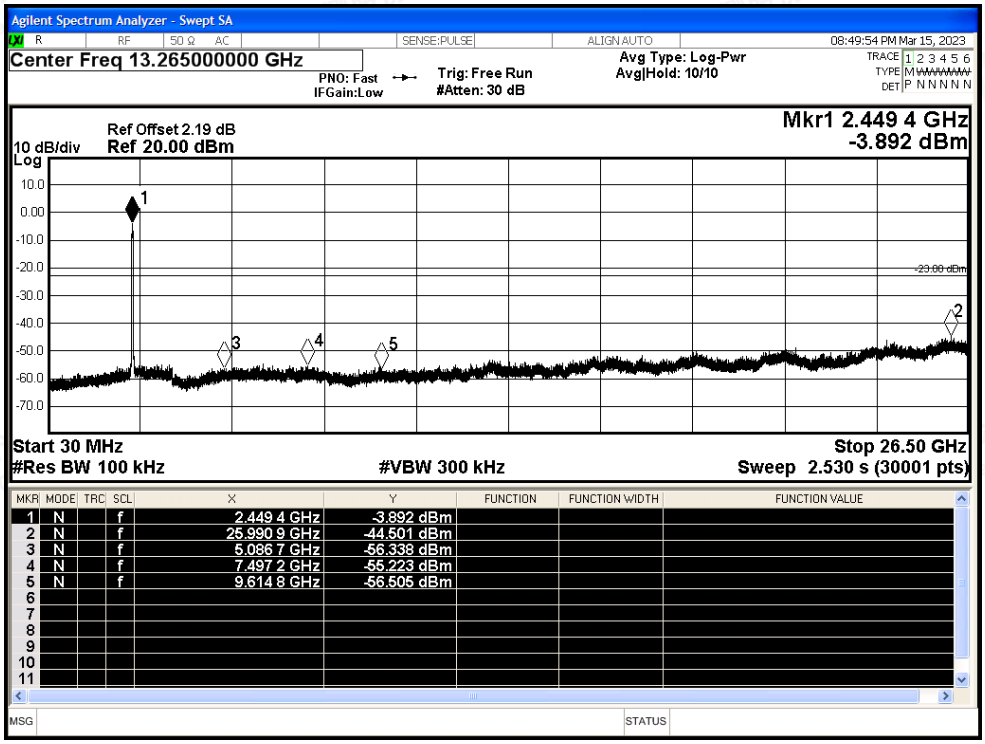


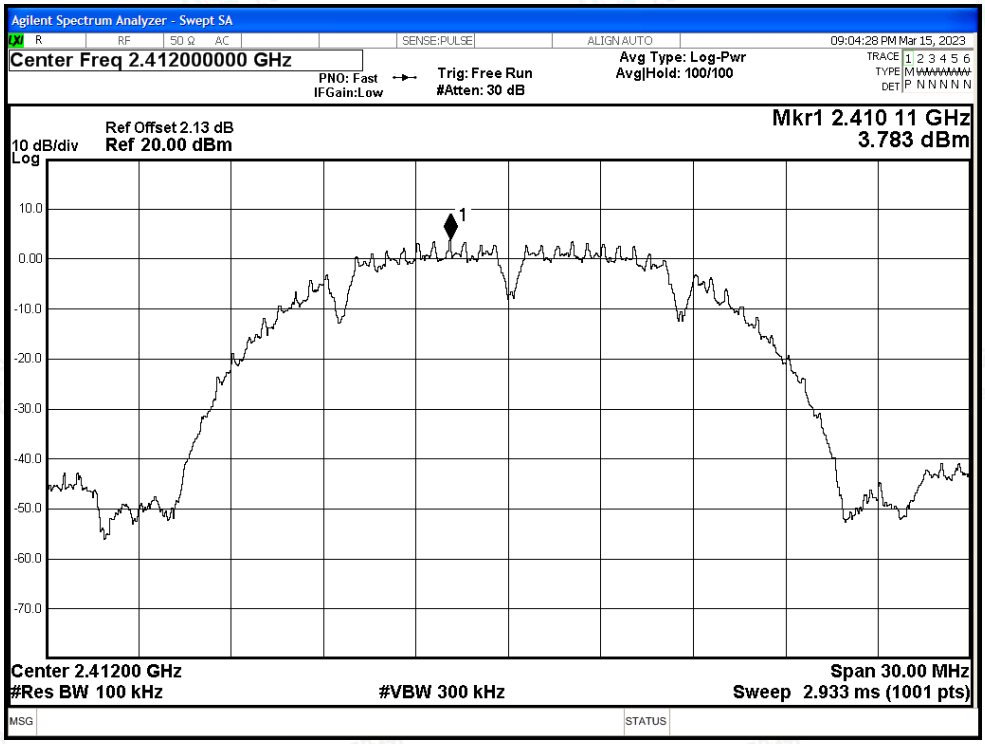
Tx. Spurious NVNT ax40 2452MHz Ant0 Emission



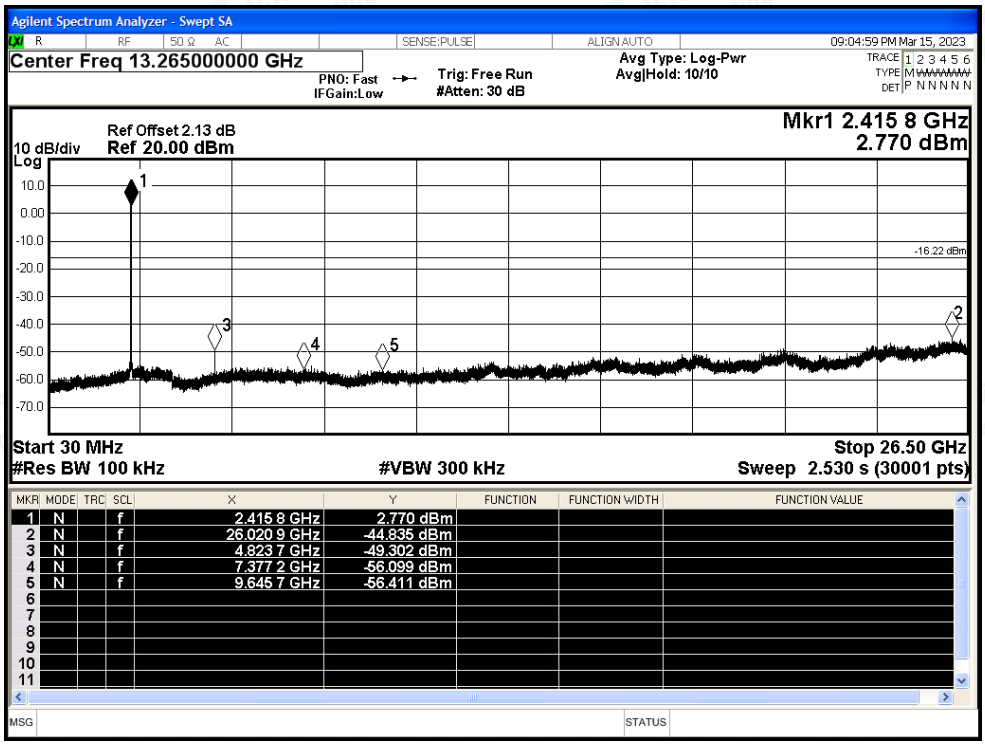
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-48.62	-20	Pass
NVNT	b	2437	Ant1	-50.94	-20	Pass
NVNT	b	2462	Ant1	-50.54	-20	Pass
NVNT	g	2412	Ant1	-50.41	-20	Pass
NVNT	g	2437	Ant1	-49.25	-20	Pass
NVNT	g	2462	Ant1	-49.76	-20	Pass
NVNT	n20	2412	Ant1	-48.02	-20	Pass
NVNT	n20	2437	Ant1	-50.75	-20	Pass
NVNT	n20	2462	Ant1	-50.43	-20	Pass
NVNT	n40	2422	Ant1	-46.99	-20	Pass
NVNT	n40	2437	Ant1	-45.43	-20	Pass
NVNT	n40	2452	Ant1	-44.82	-20	Pass
NVNT	ax20	2412	Ant1	-48.13	-20	Pass
NVNT	ax20	2437	Ant1	-46.64	-20	Pass
NVNT	ax20	2462	Ant1	-47.27	-20	Pass
NVNT	ax40	2422	Ant1	-44.38	-20	Pass
NVNT	ax40	2437	Ant1	-43.29	-20	Pass
NVNT	ax40	2452	Ant1	-43.9	-20	Pass

Test Graphs

Tx. Spurious NVNT b 2412MHz Ant1 Ref

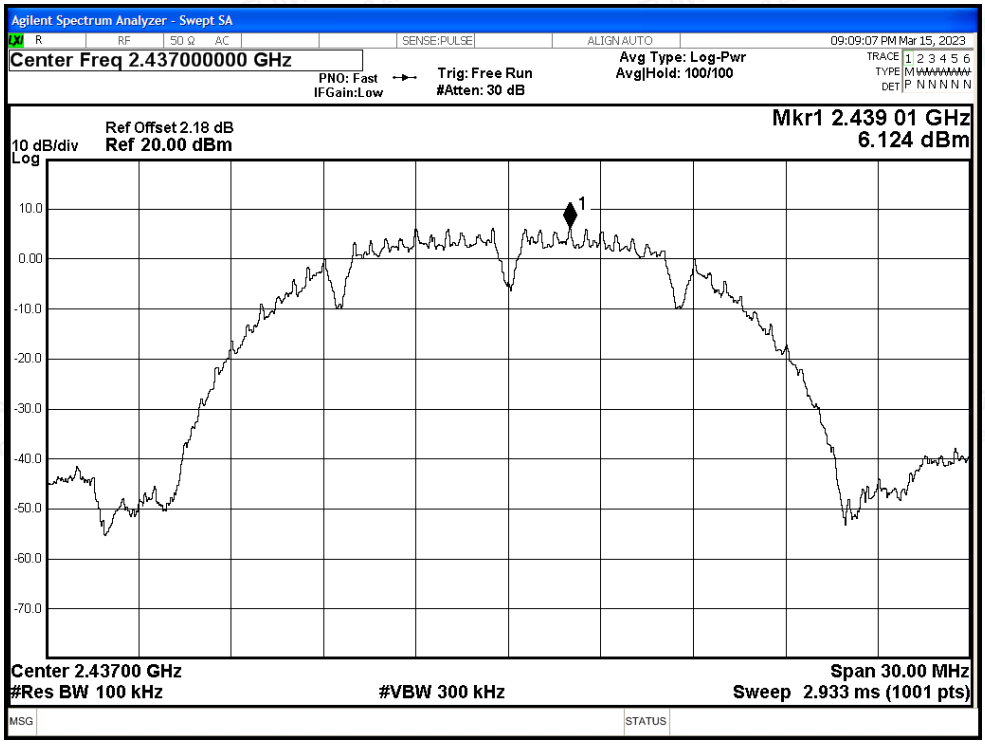


Tx. Spurious NVNT b 2412MHz Ant1 Emission

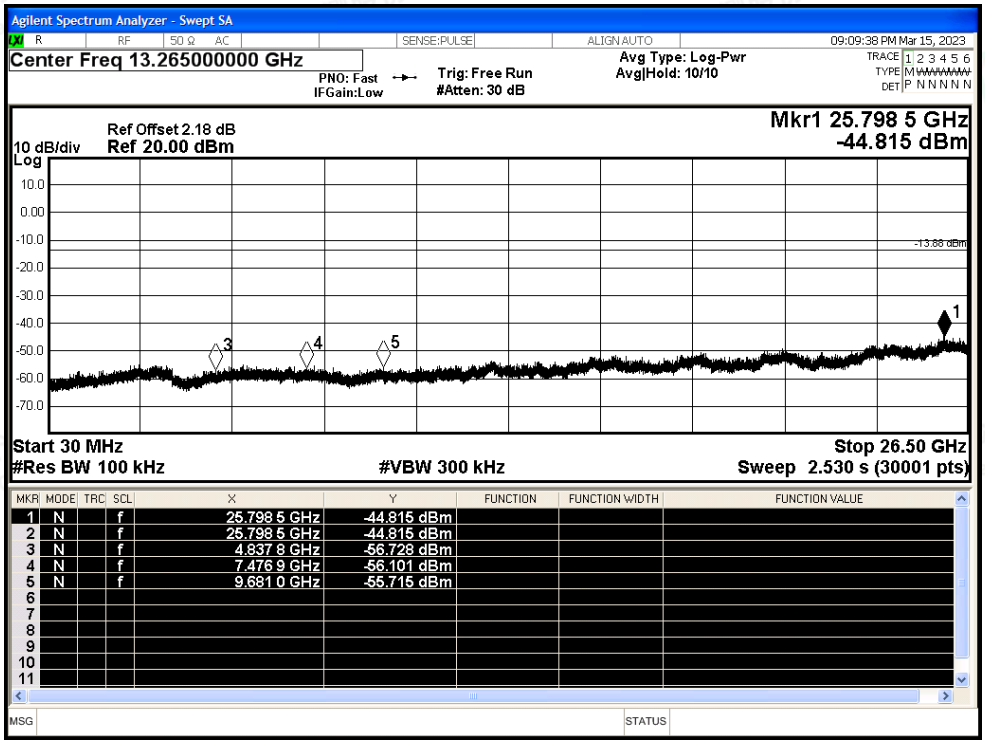


MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N		f	2.415 8 GHz	2.770 dBm			
2	N		f	26.020 9 GHz	-44.835 dBm			
3	N		f	4.823 7 GHz	-49.302 dBm			
4	N		f	7.377 2 GHz	-56.099 dBm			
5	N		f	9.645 7 GHz	-56.411 dBm			
6								
7								
8								
9								
10								
11								

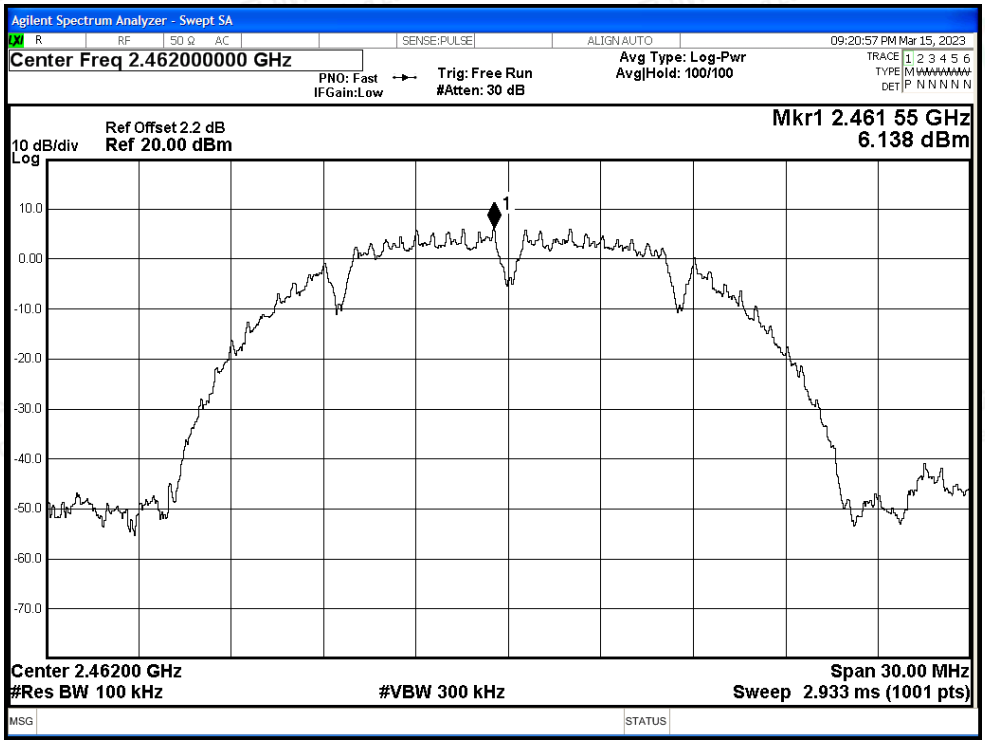
Tx. Spurious NVNT b 2437MHz Ant1 Ref



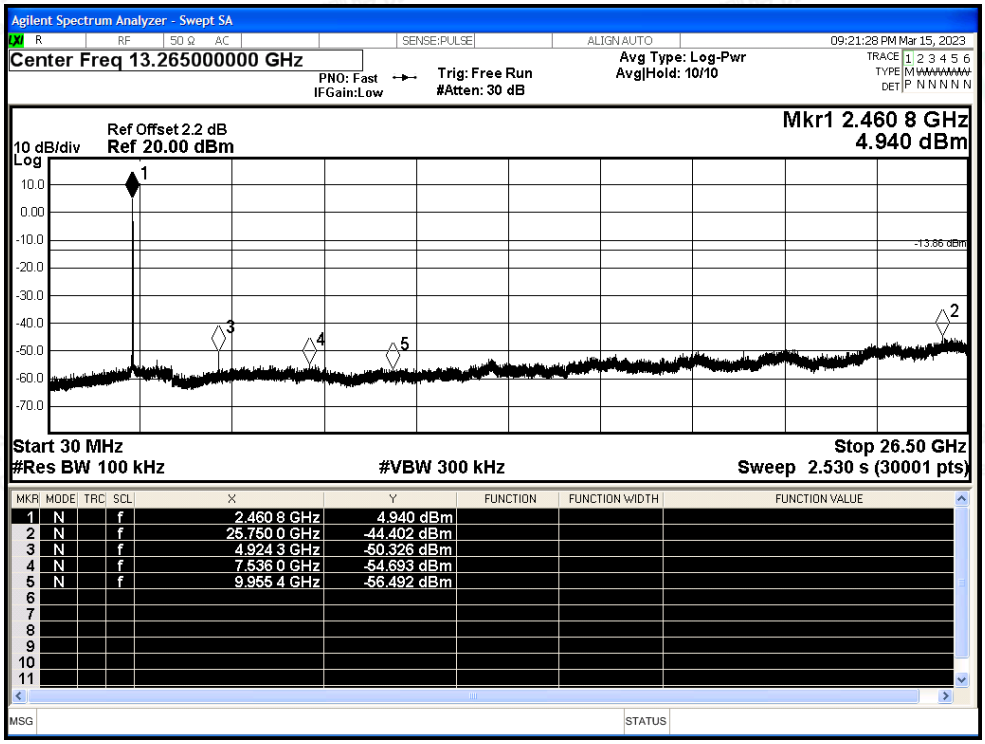
Tx. Spurious NVNT b 2437MHz Ant1 Emission



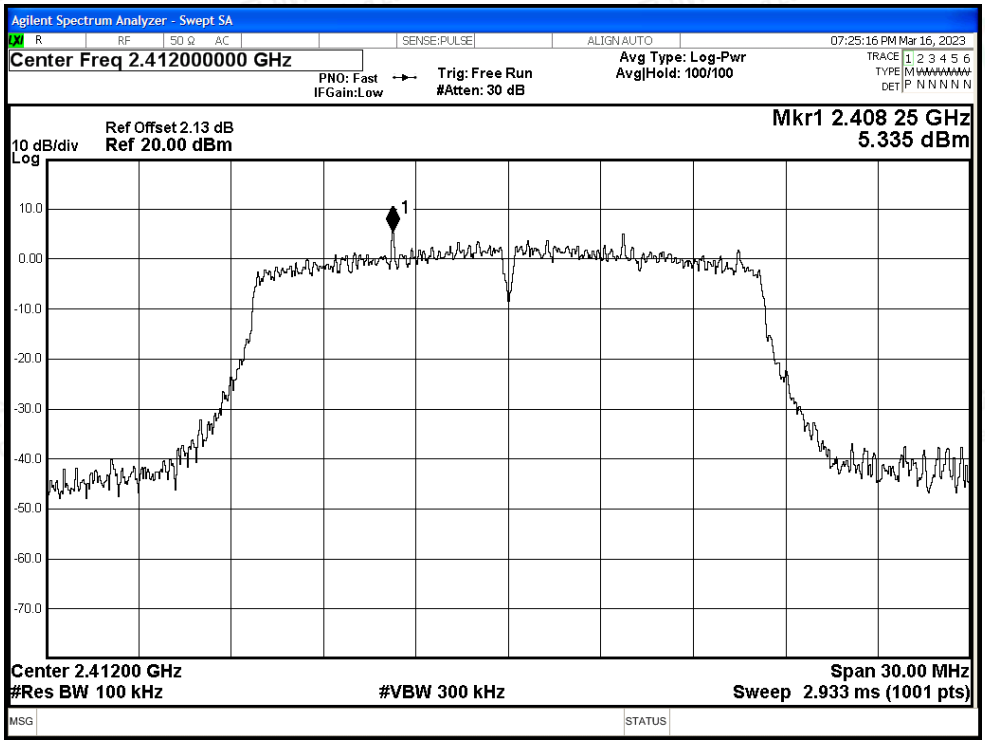
Tx. Spurious NVNT b 2462MHz Ant1 Ref



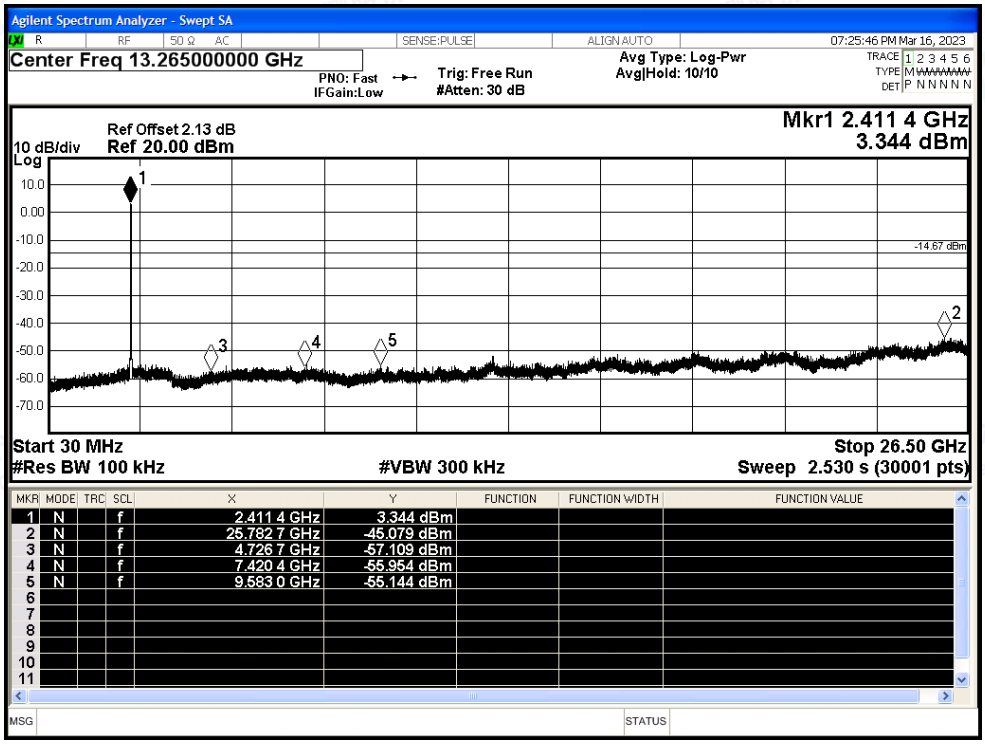
Tx. Spurious NVNT b 2462MHz Ant1 Emission



Tx. Spurious NVNT g 2412MHz Ant1 Ref

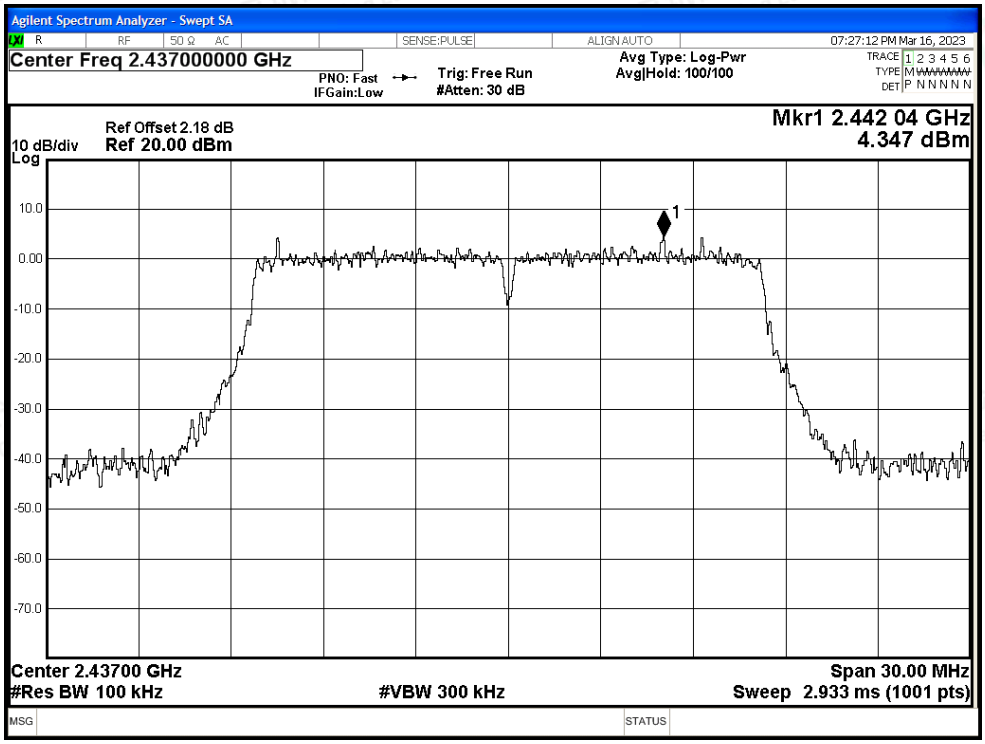


Tx. Spurious NVNT g 2412MHz Ant1 Emission

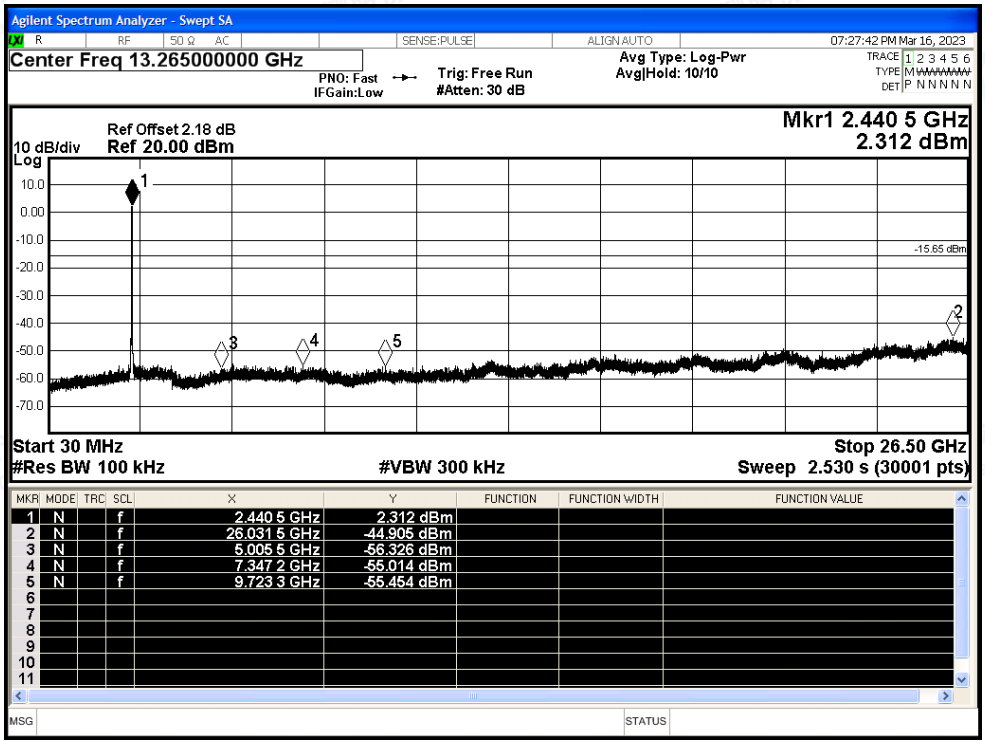


MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N		f	2.411 4 GHz	3.344 dBm			
2	N		f	25.782 7 GHz	-45.079 dBm			
3	N		f	4.726 7 GHz	-57.109 dBm			
4	N		f	7.420 4 GHz	-55.954 dBm			
5	N		f	9.583 0 GHz	-55.144 dBm			
6								
7								
8								
9								
10								
11								

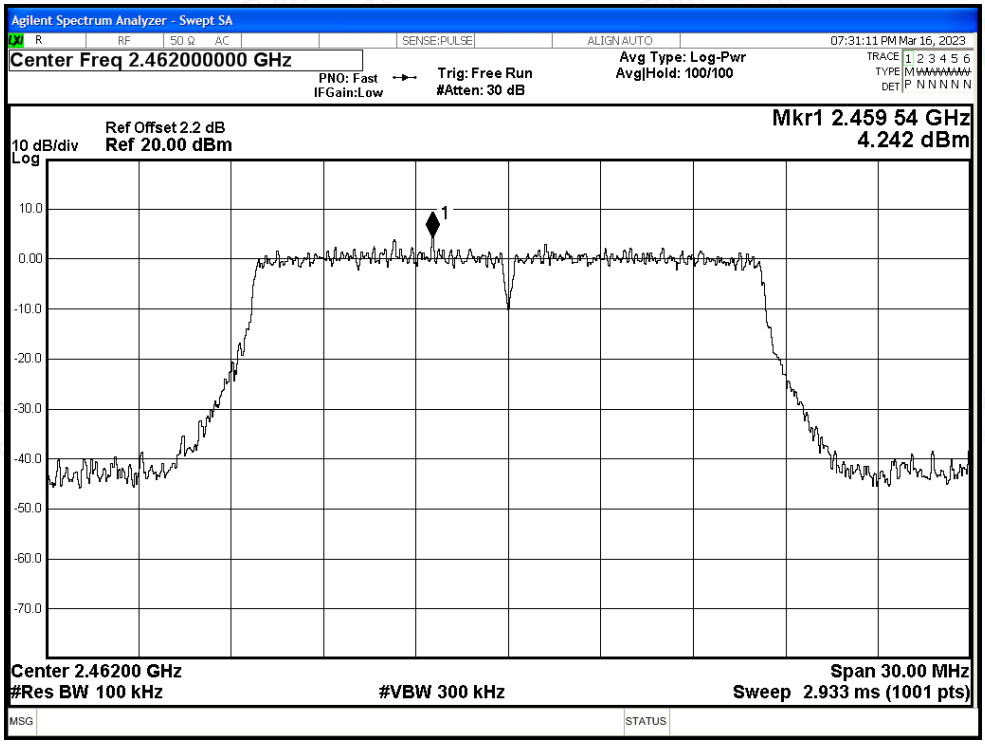
Tx. Spurious NVNT g 2437MHz Ant1 Ref



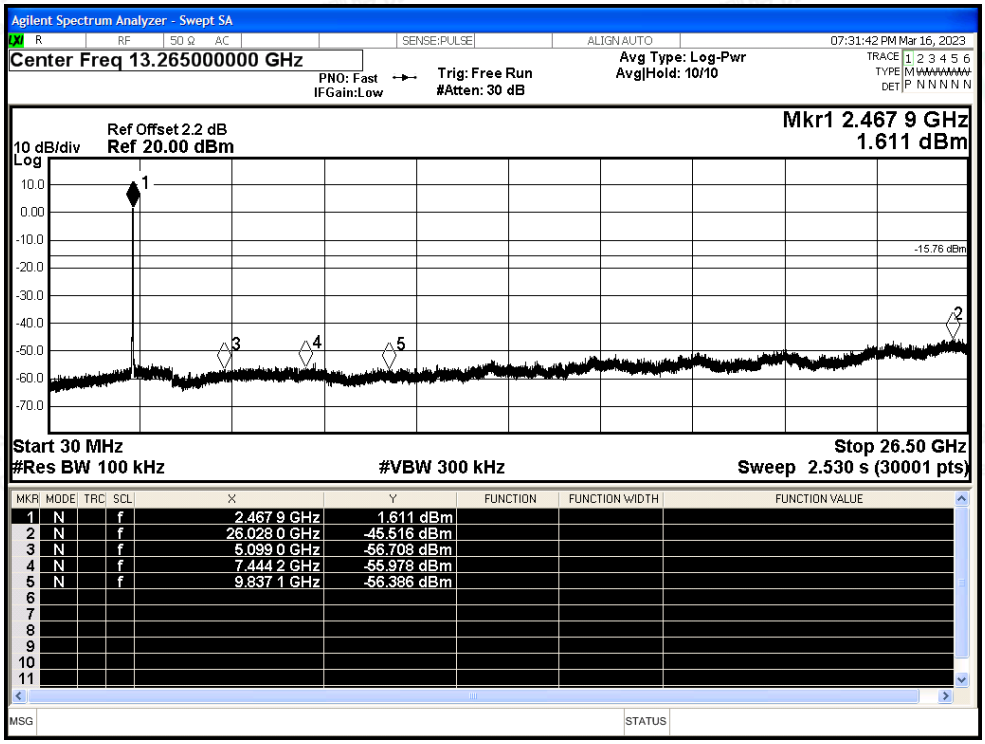
Tx. Spurious NVNT g 2437MHz Ant1 Emission



Tx. Spurious NVNT g 2462MHz Ant1 Ref

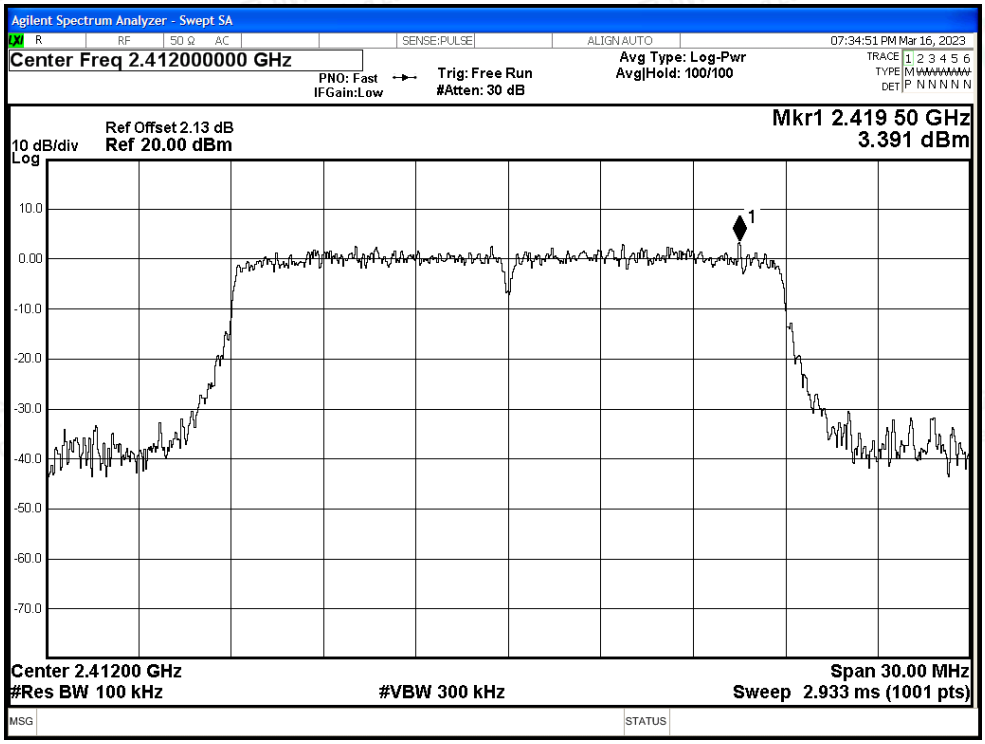


Tx. Spurious NVNT g 2462MHz Ant1 Emission

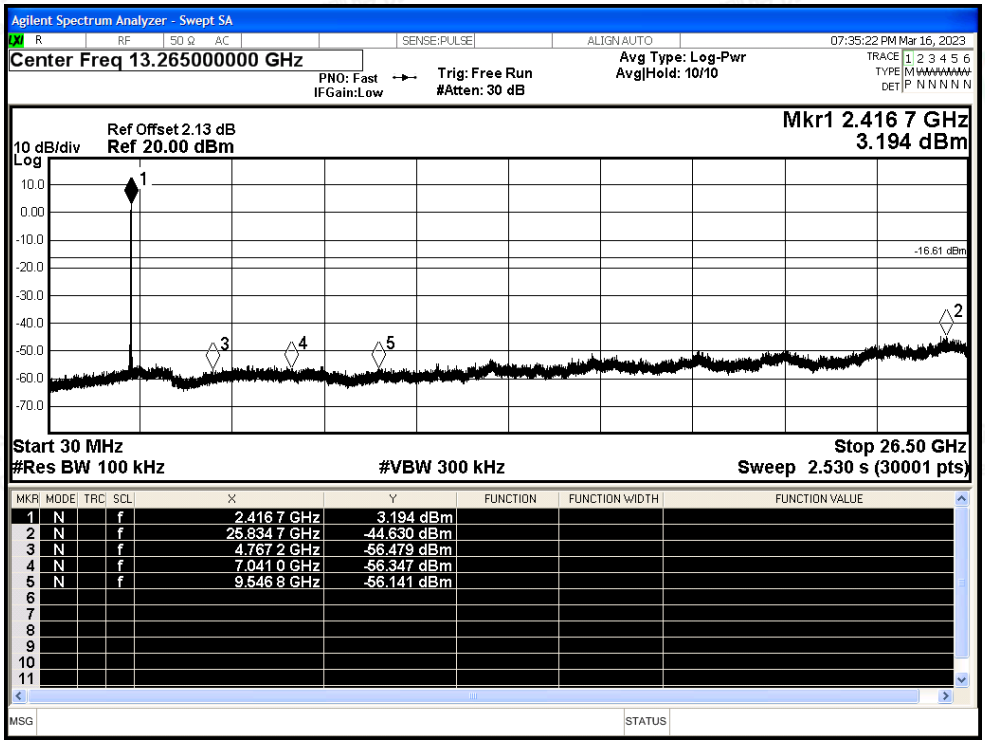


MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N		f	2.467 9 GHz	1.611 dBm			
2	N		f	26.028 0 GHz	-45.516 dBm			
3	N		f	5.099 0 GHz	-56.708 dBm			
4	N		f	7.444 2 GHz	-55.978 dBm			
5	N		f	9.837 1 GHz	-56.386 dBm			
6								
7								
8								
9								
10								
11								

Tx. Spurious NVNT n20 2412MHz Ant1 Ref

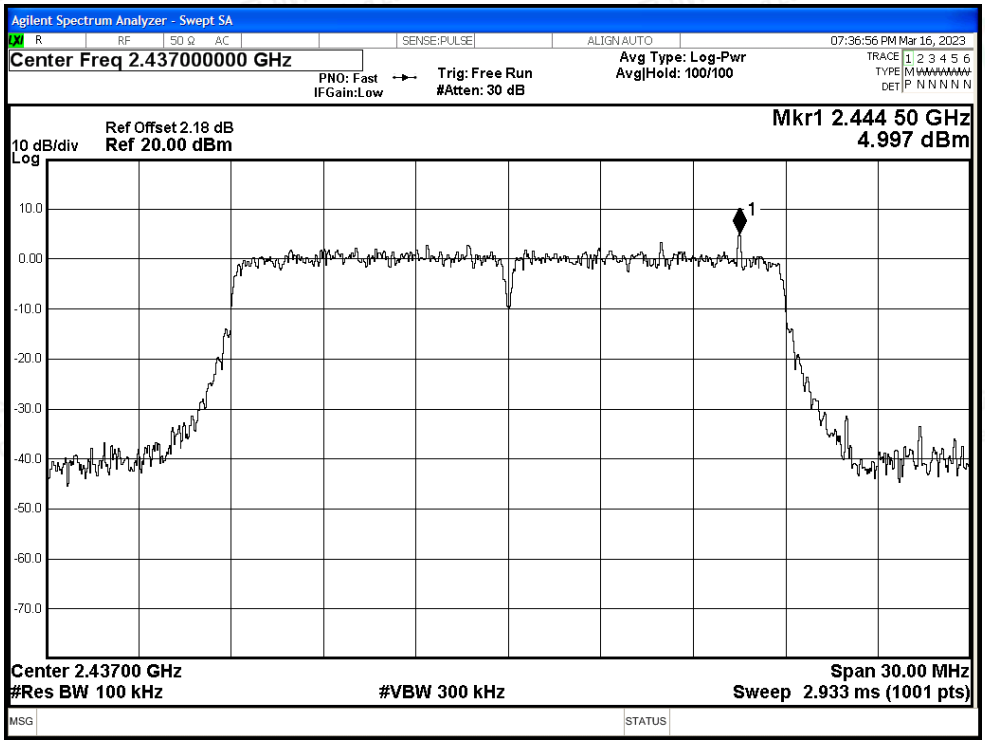


Tx. Spurious NVNT n20 2412MHz Ant1 Emission

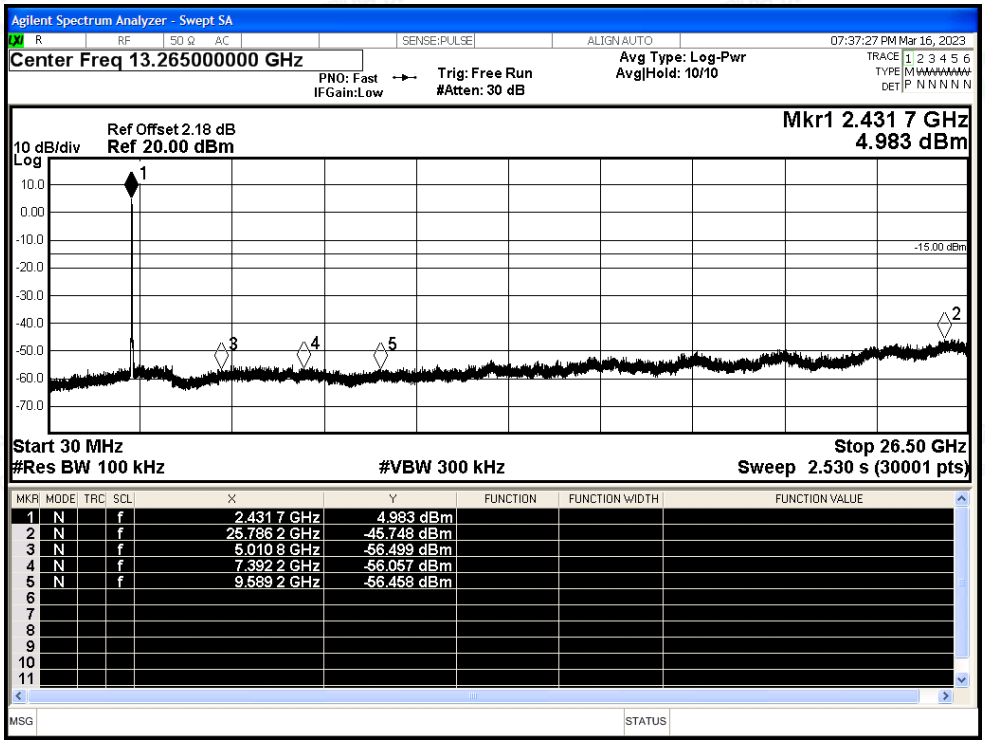


MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N		f	2.416 7 GHz	3.194 dBm			
2	N		f	25.834 7 GHz	-44.630 dBm			
3	N		f	4.767 2 GHz	-56.479 dBm			
4	N		f	7.041 0 GHz	-56.347 dBm			
5	N		f	9.546 8 GHz	-56.141 dBm			
6								
7								
8								
9								
10								
11								

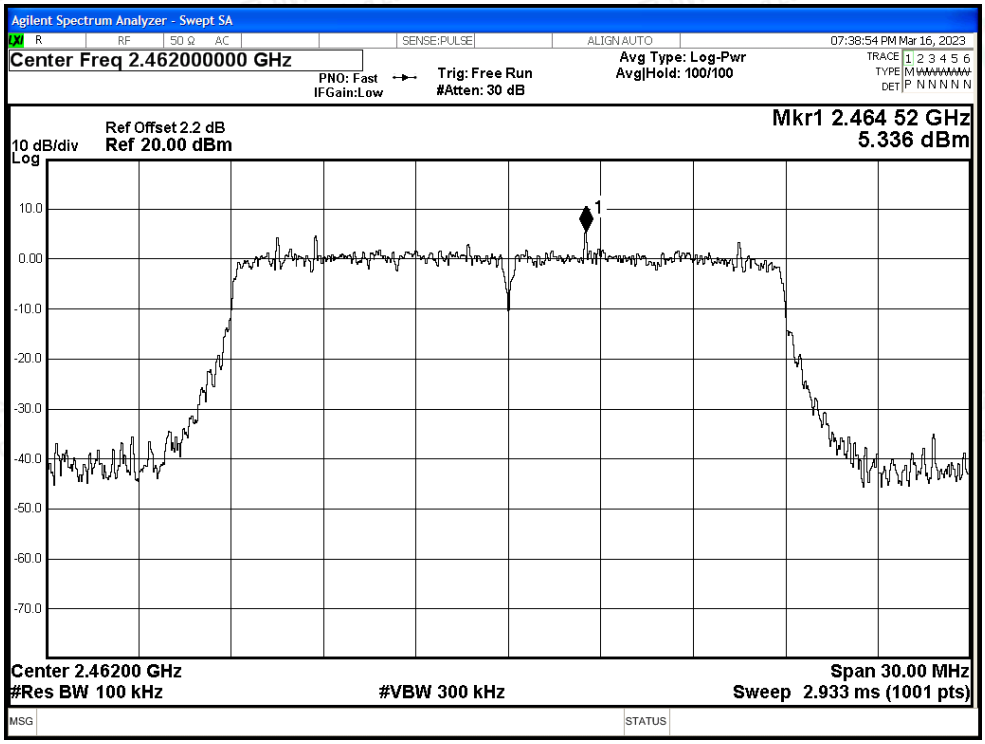
Tx. Spurious NVNT n20 2437MHz Ant1 Ref



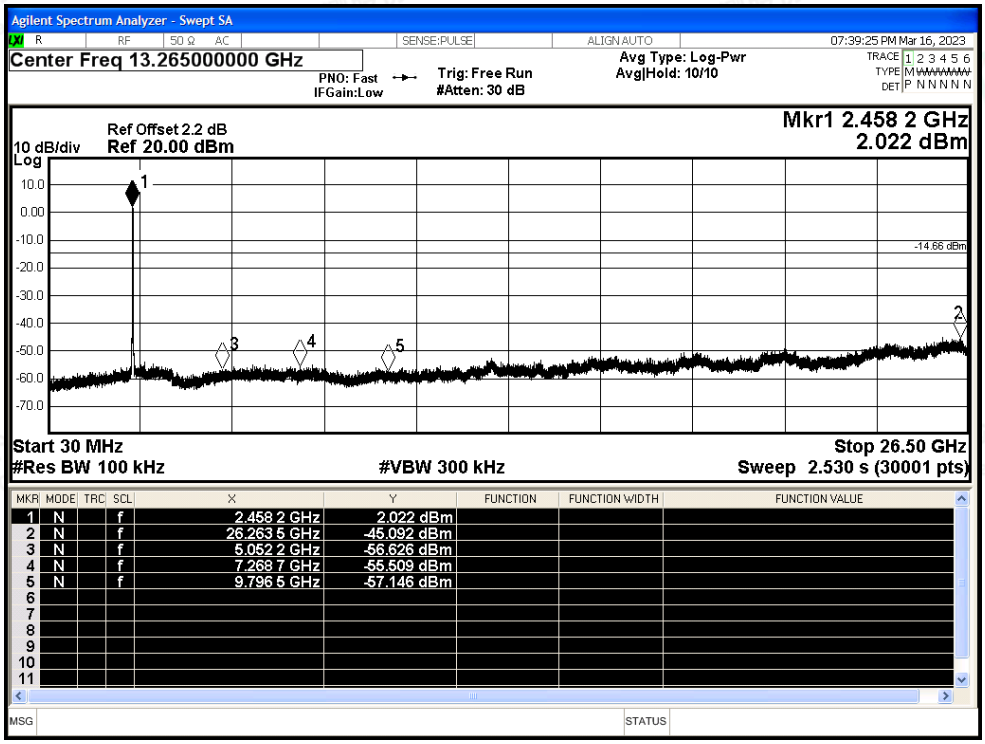
Tx. Spurious NVNT n20 2437MHz Ant1 Emission



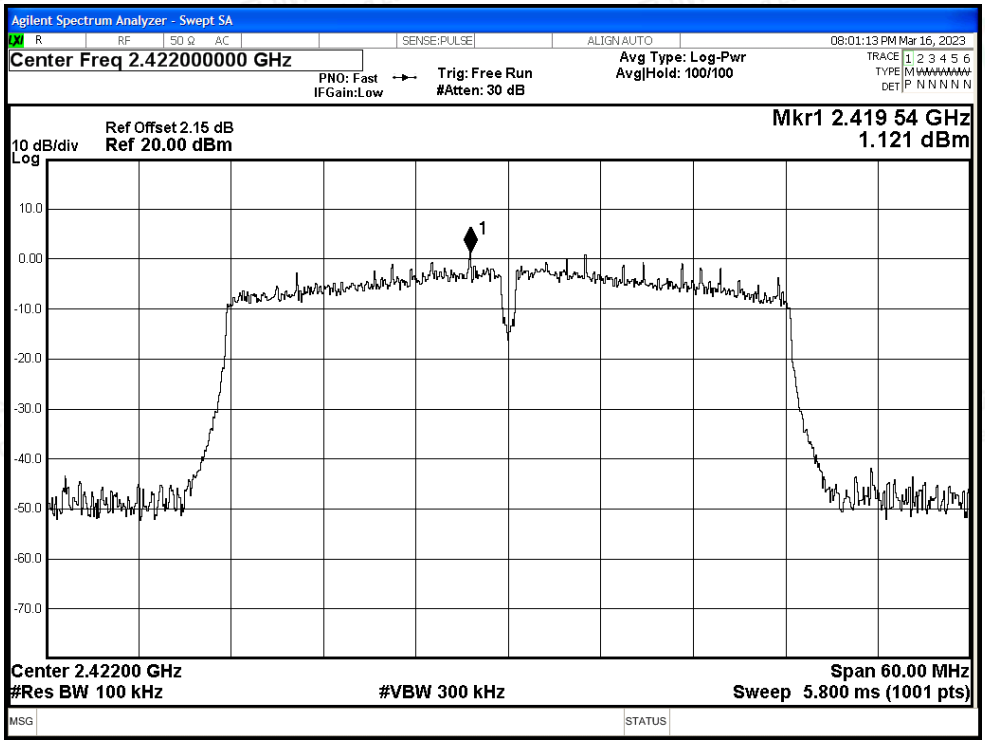
Tx. Spurious NVNT n20 2462MHz Ant1 Ref



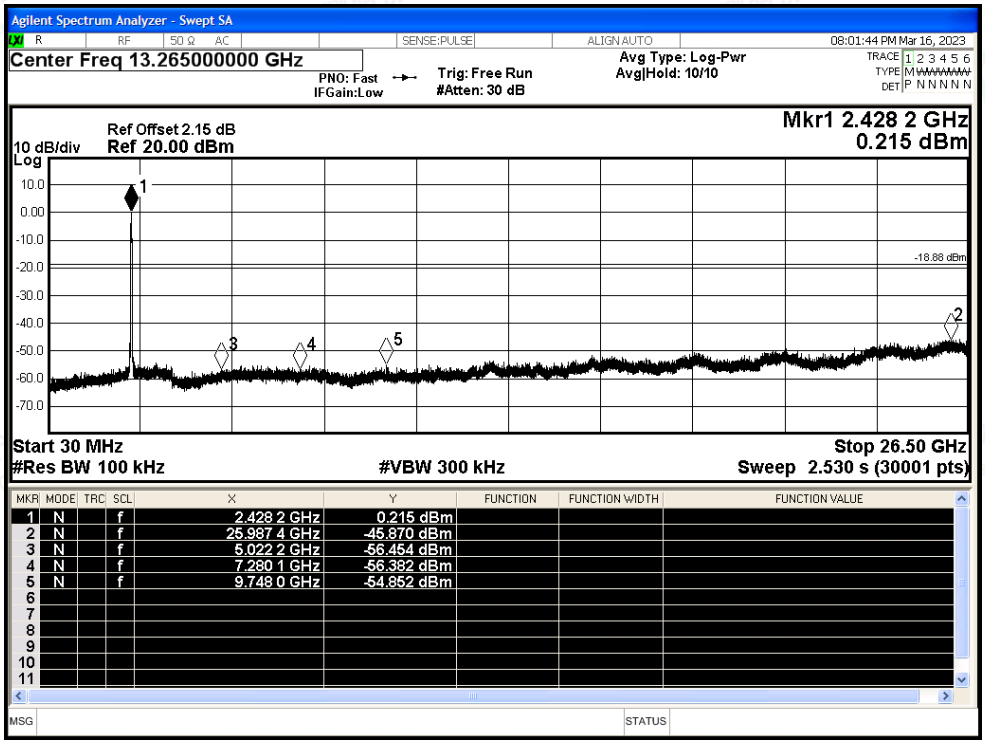
Tx. Spurious NVNT n20 2462MHz Ant1 Emission



Tx. Spurious NVNT n40 2422MHz Ant1 Ref

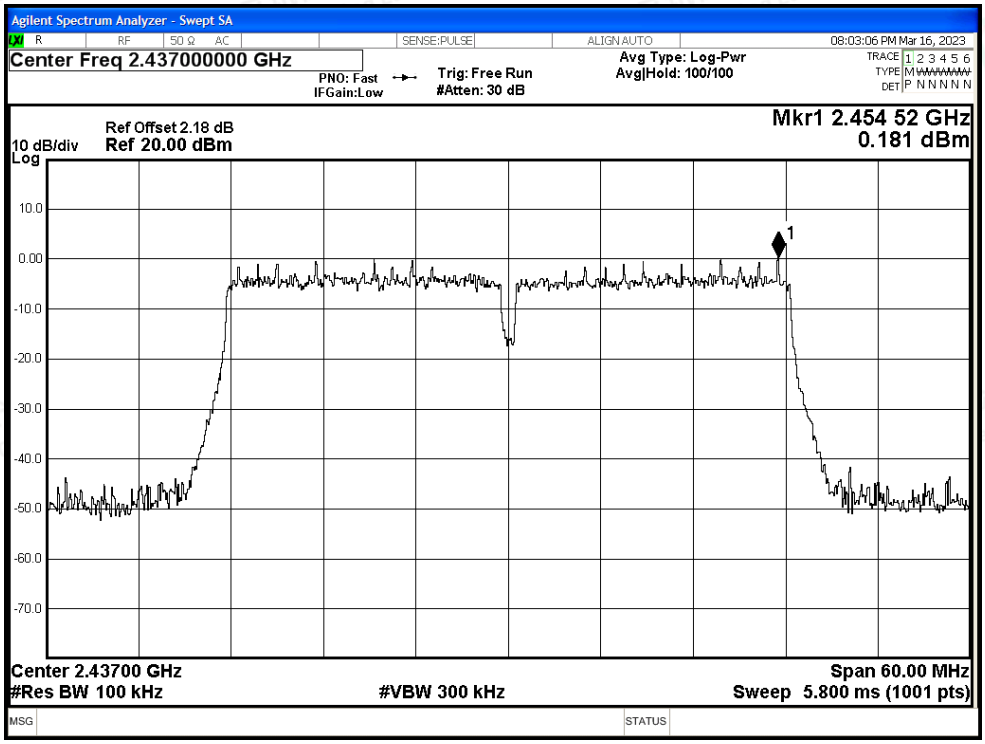


Tx. Spurious NVNT n40 2422MHz Ant1 Emission

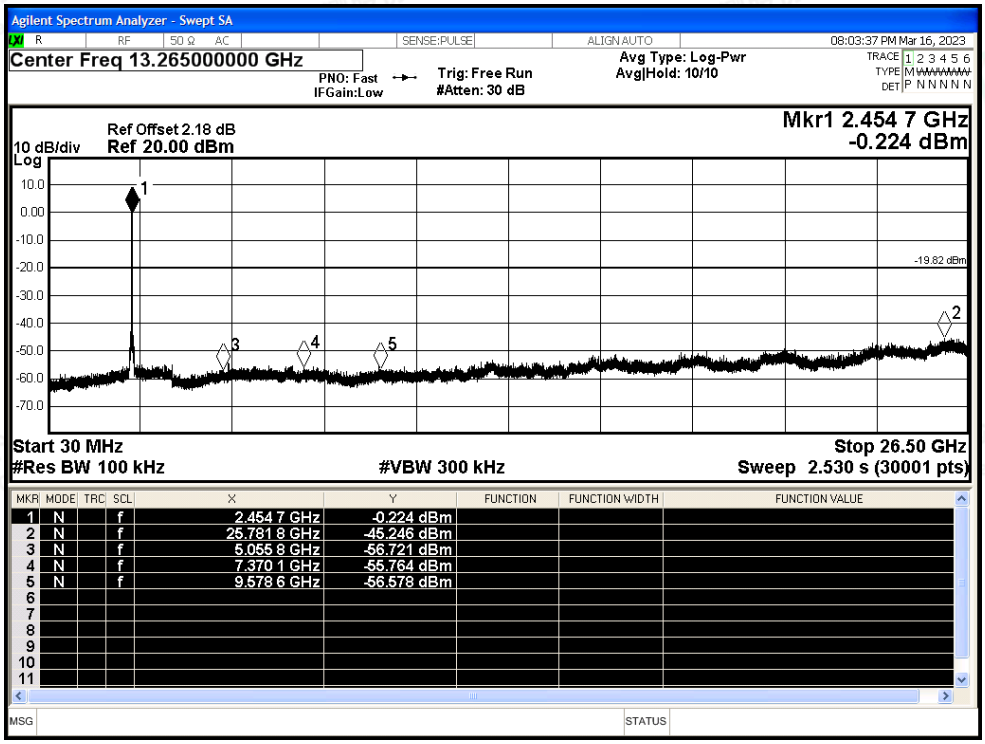


MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N		f	2.428 2 GHz	0.215 dBm			
2	N		f	25.987 4 GHz	-45.870 dBm			
3	N		f	5.022 2 GHz	-56.454 dBm			
4	N		f	7.280 1 GHz	-56.382 dBm			
5	N		f	9.748 0 GHz	-54.852 dBm			
6								
7								
8								
9								
10								
11								

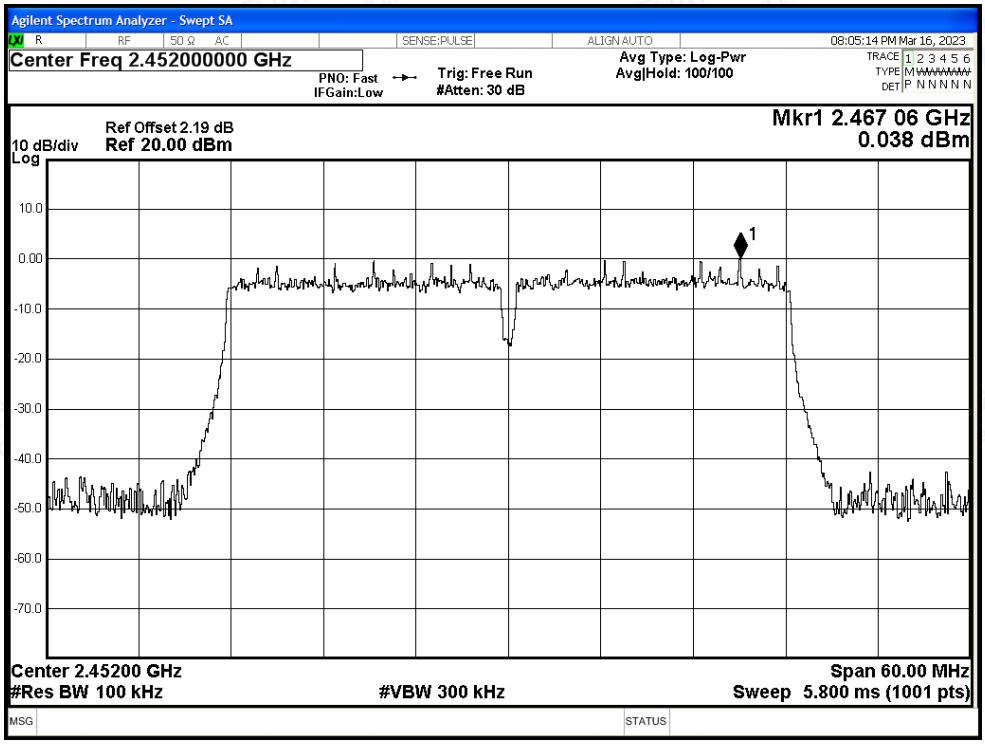
Tx. Spurious NVNT n40 2437MHz Ant1 Ref



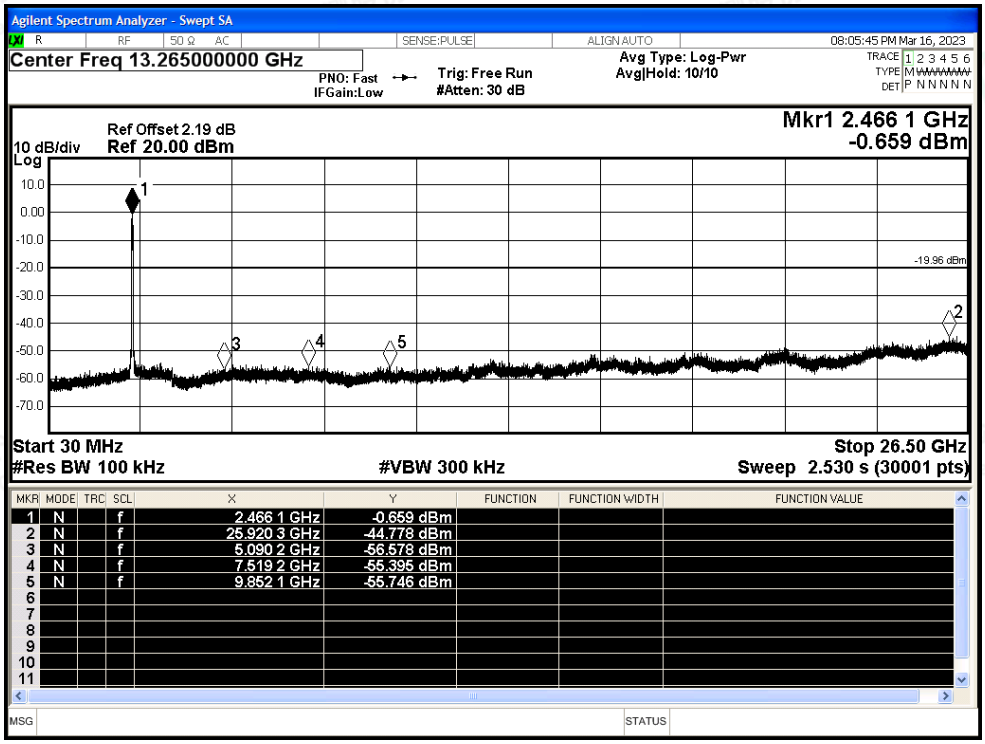
Tx. Spurious NVNT n40 2437MHz Ant1 Emission



Tx. Spurious NVNT n40 2452MHz Ant1 Ref

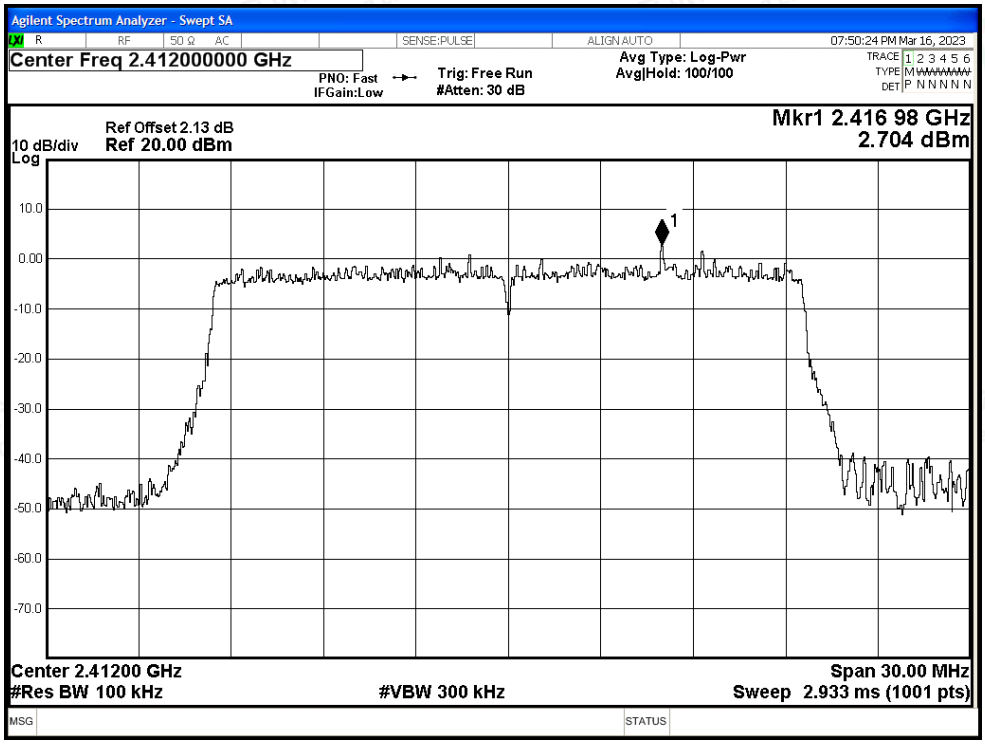


Tx. Spurious NVNT n40 2452MHz Ant1 Emission

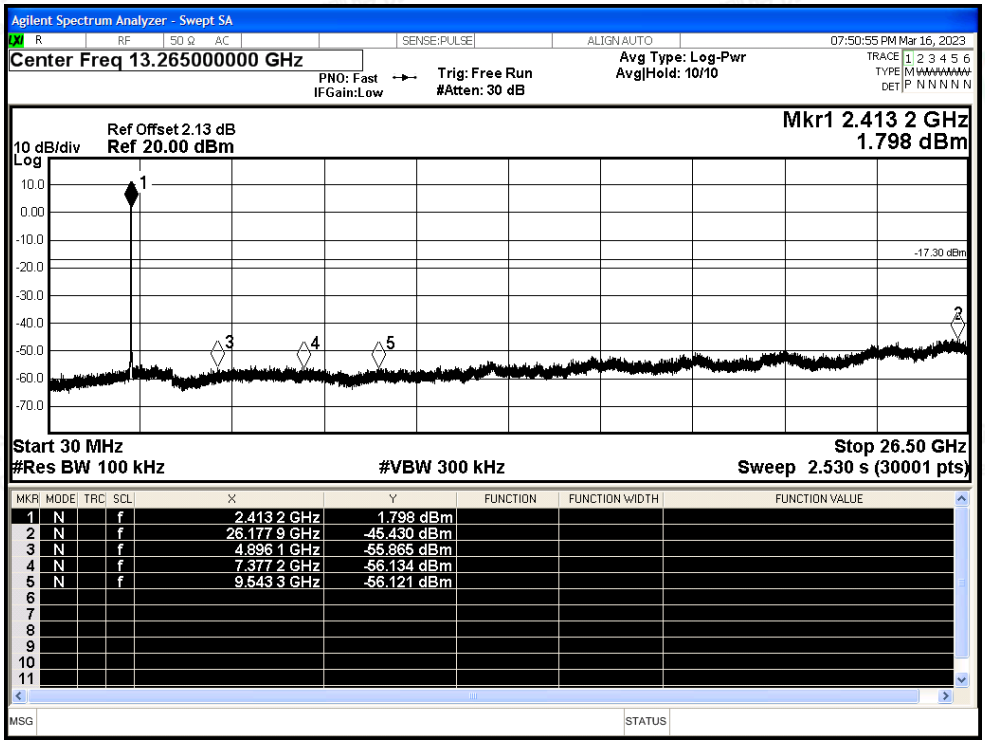


MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N		f	2.466 1 GHz	-0.659 dBm			
2	N		f	25.920 3 GHz	-44.778 dBm			
3	N		f	5.090 2 GHz	-56.578 dBm			
4	N		f	7.519 2 GHz	-55.395 dBm			
5	N		f	9.852 1 GHz	-55.746 dBm			
6								
7								
8								
9								
10								
11								

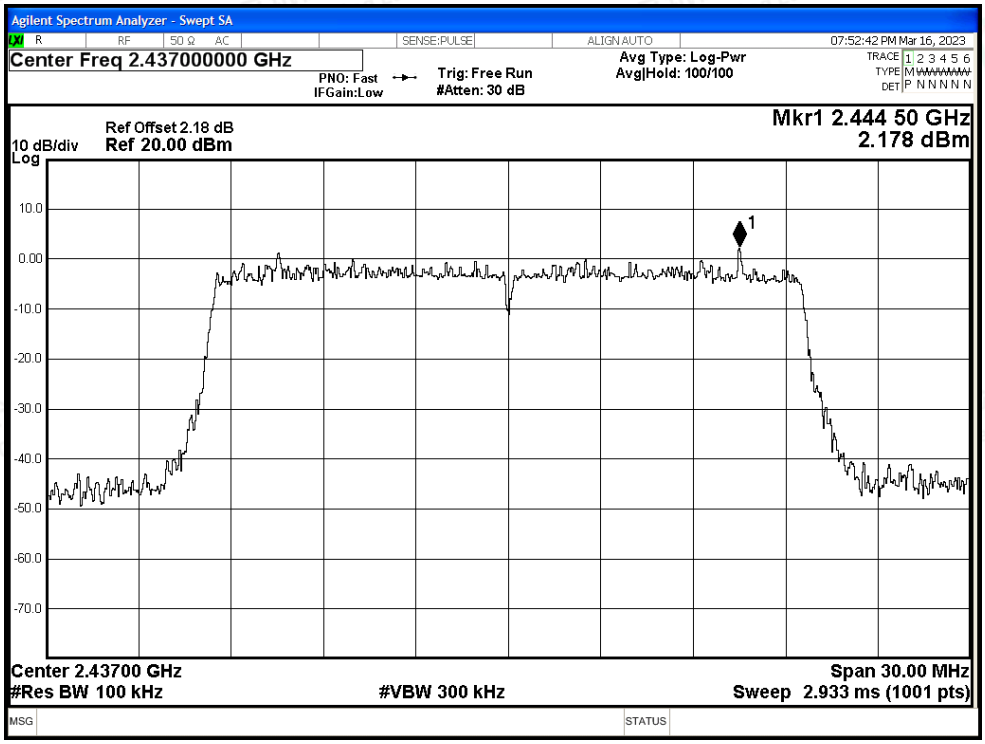
Tx. Spurious NVNT ax20 2412MHz Ant1 Ref



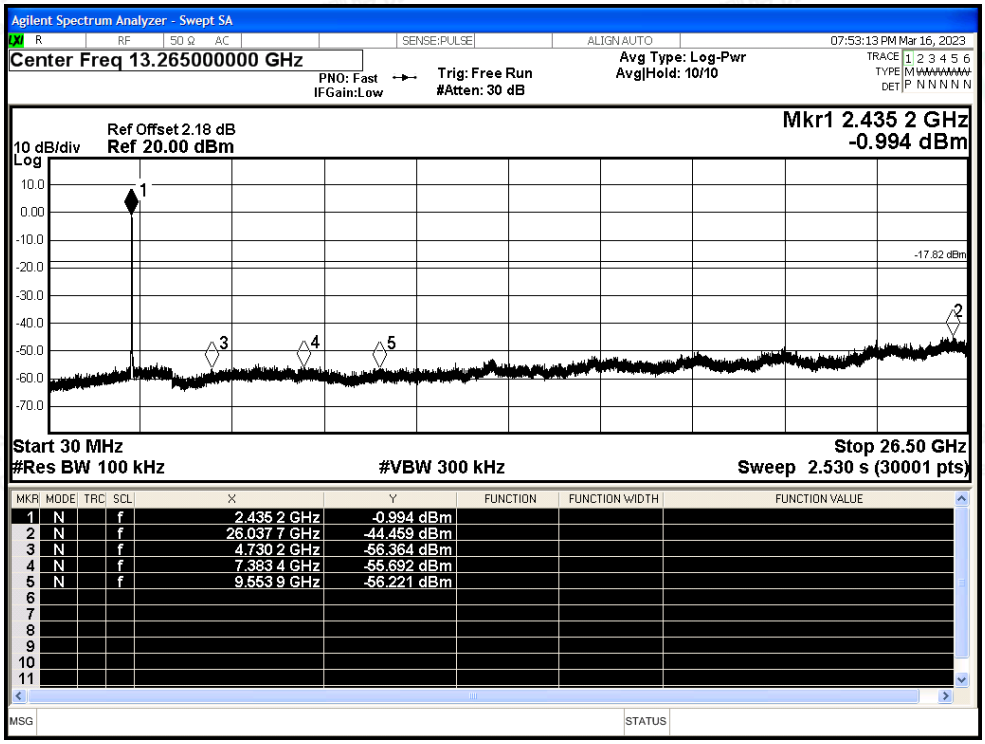
Tx. Spurious NVNT ax20 2412MHz Ant1 Emission



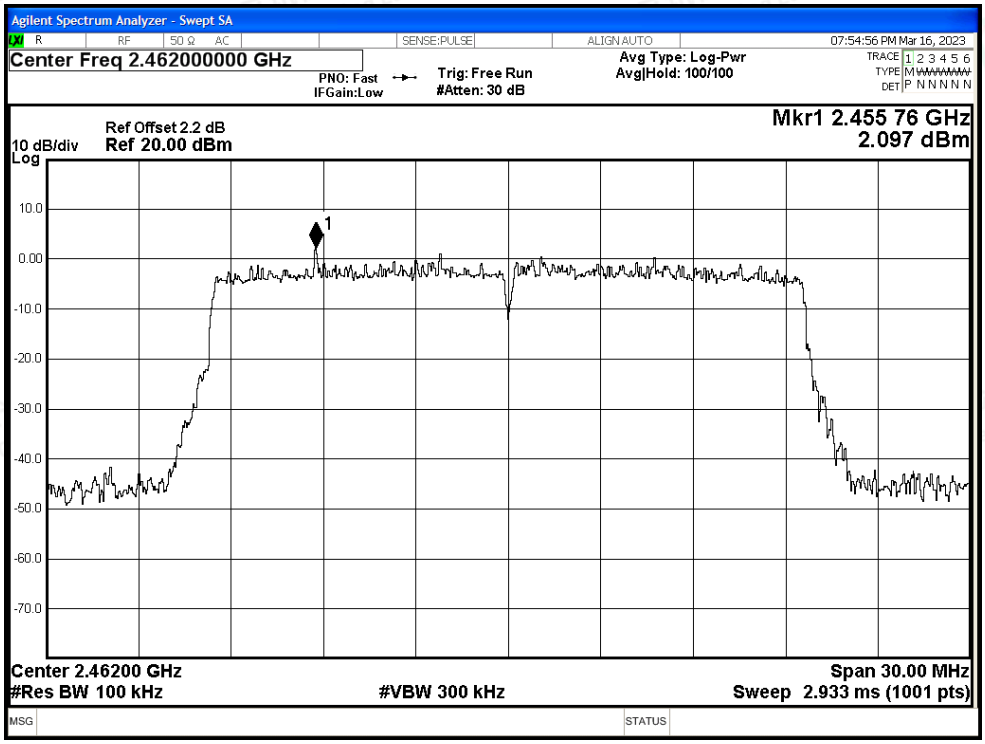
Tx. Spurious NVNT ax20 2437MHz Ant1 Ref



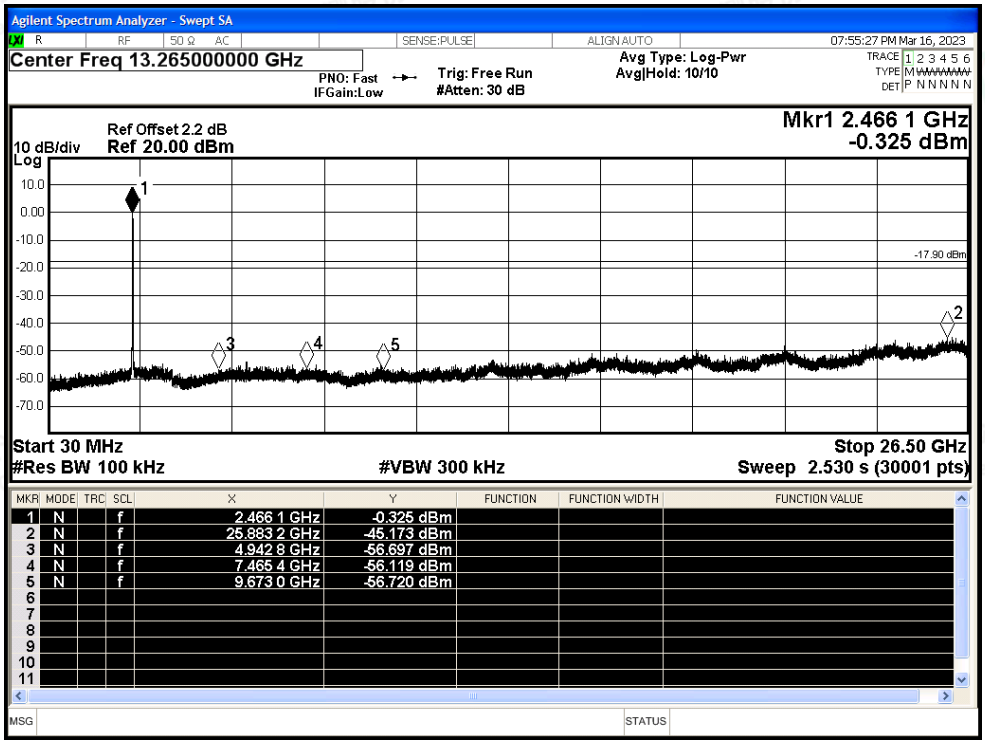
Tx. Spurious NVNT ax20 2437MHz Ant1 Emission



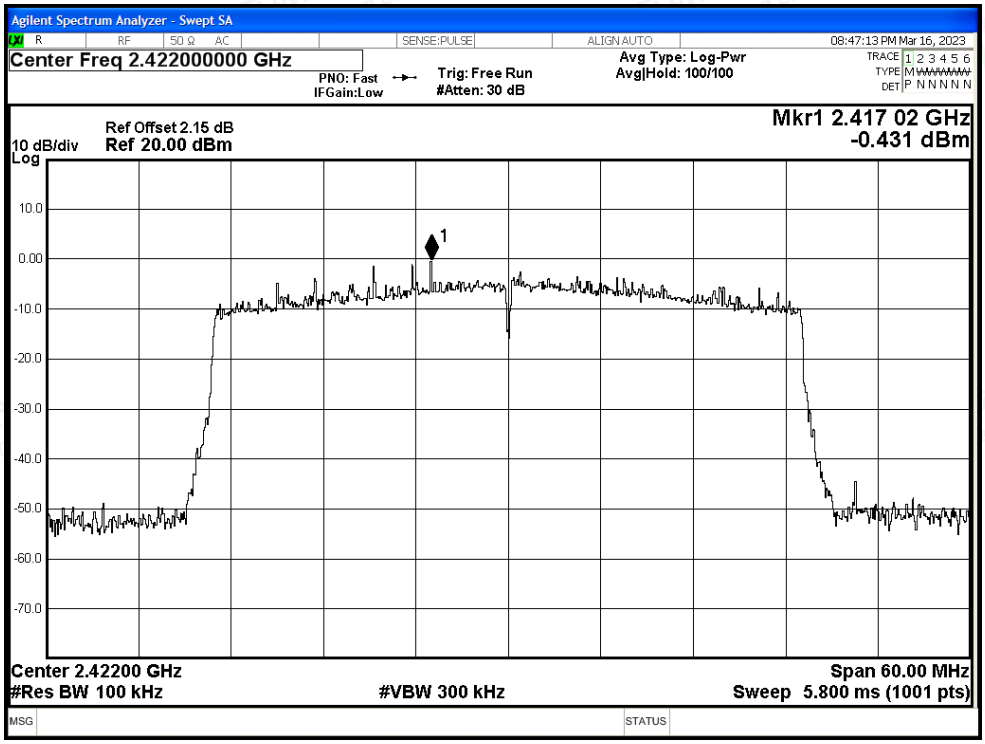
Tx. Spurious NVNT ax20 2462MHz Ant1 Ref



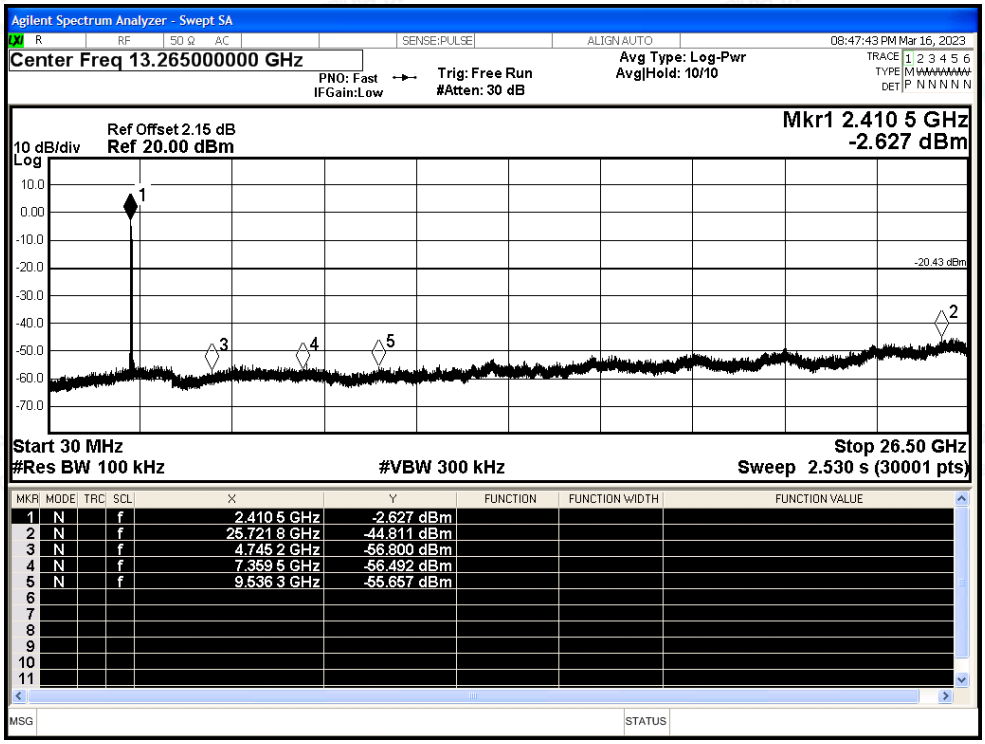
Tx. Spurious NVNT ax20 2462MHz Ant1 Emission



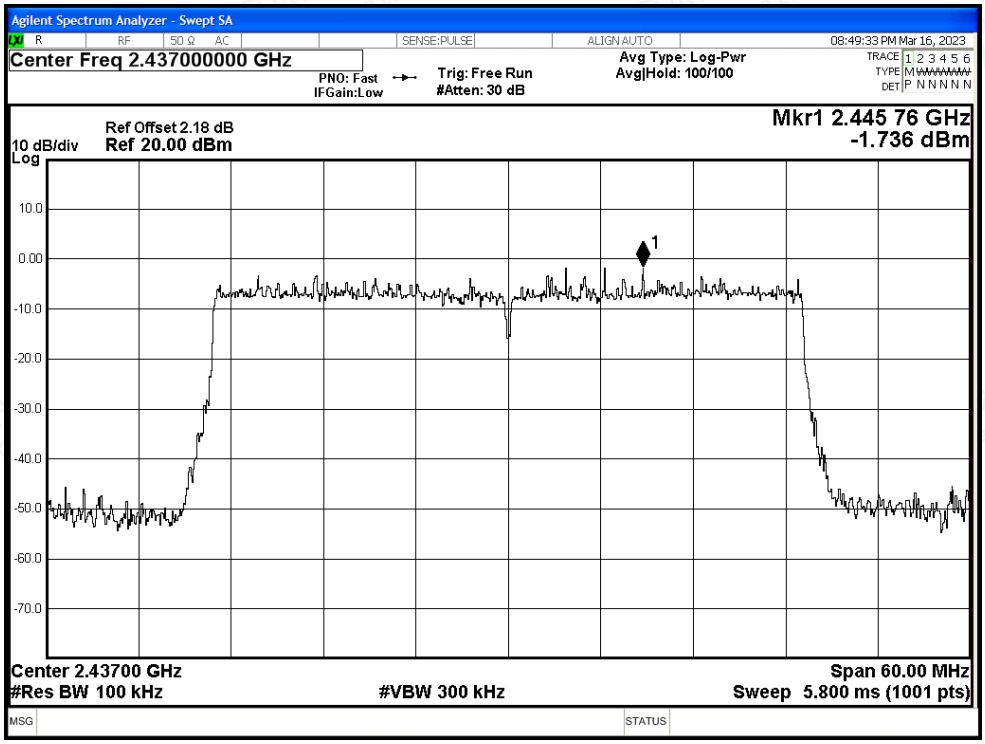
Tx. Spurious NVNT ax40 2422MHz Ant1 Ref



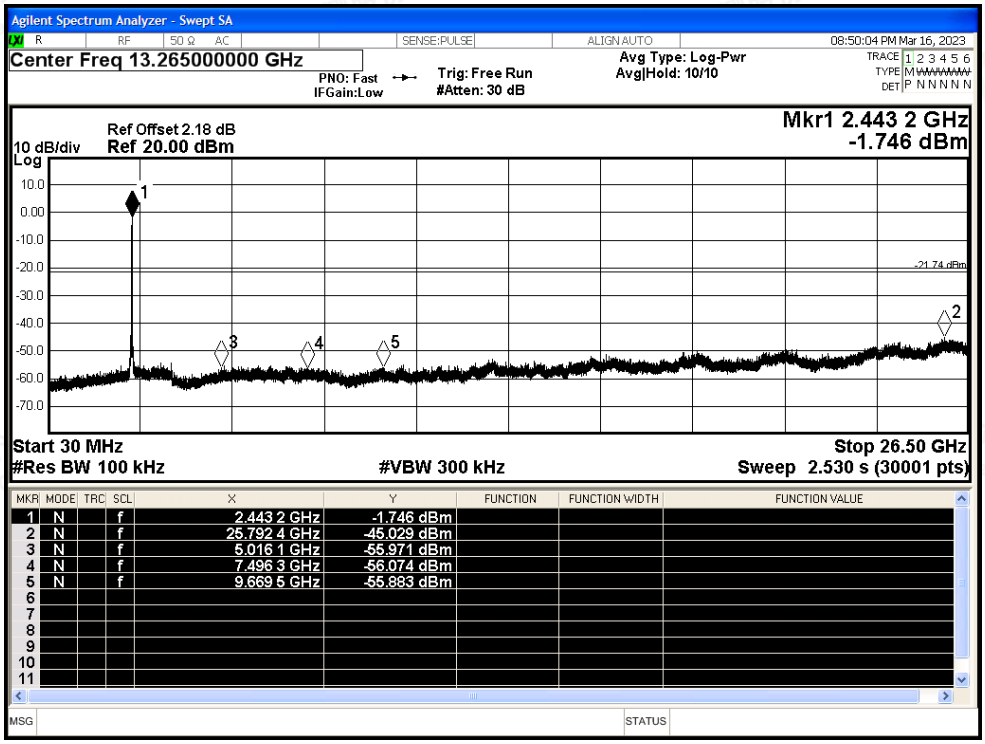
Tx. Spurious NVNT ax40 2422MHz Ant1 Emission



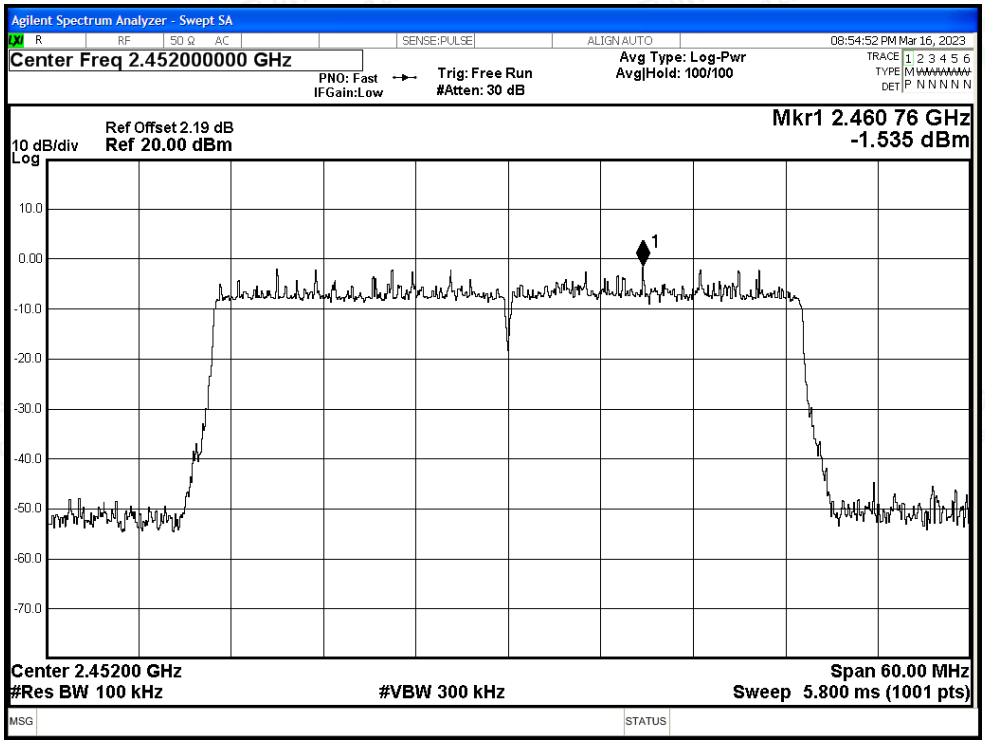
Tx. Spurious NVNT ax40 2437MHz Ant1 Ref



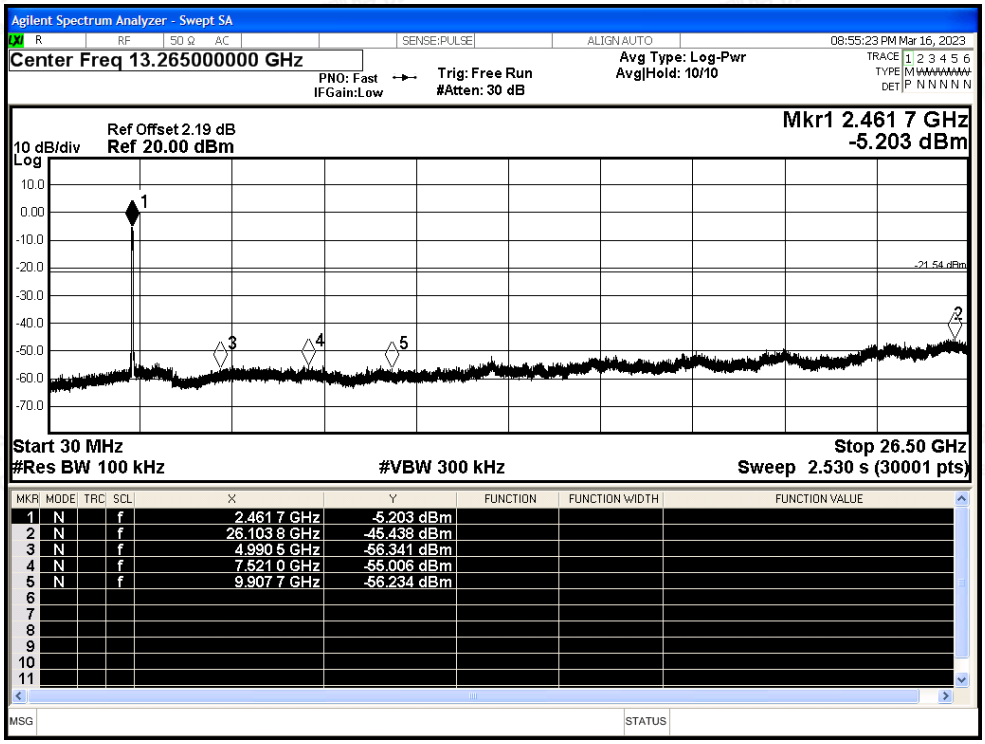
Tx. Spurious NVNT ax40 2437MHz Ant1 Emission



Tx. Spurious NVNT ax40 2452MHz Ant1 Ref



Tx. Spurious NVNT ax40 2452MHz Ant1 Emission

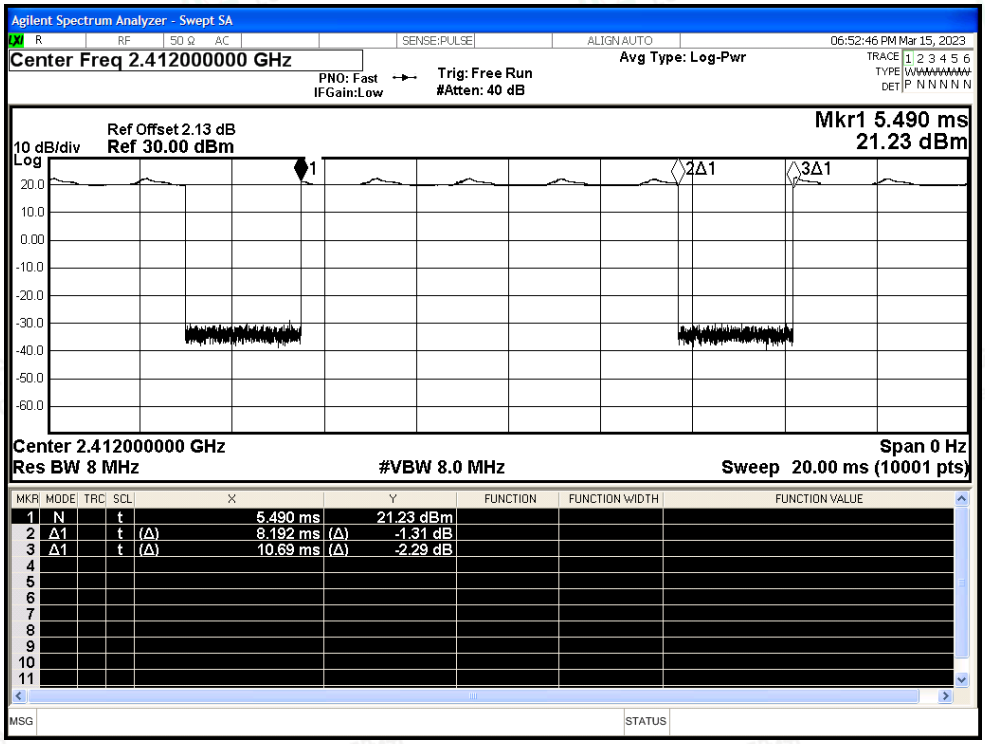


A.6 Duty Cycle

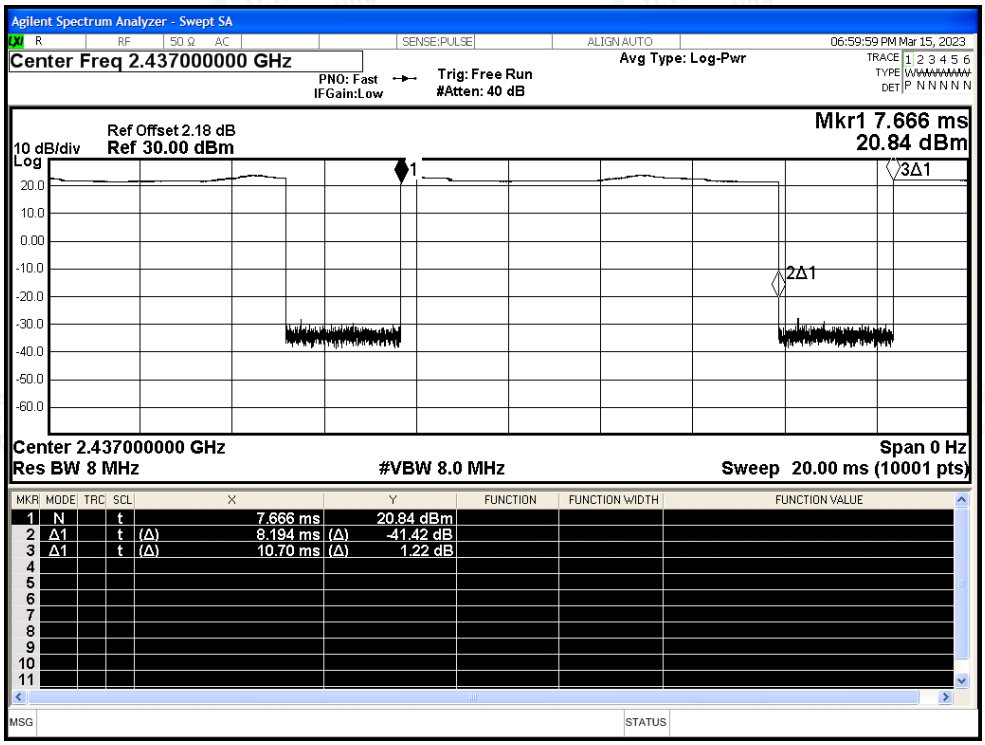
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	b	2412	Ant0	76.6	1.16	0.12
NVNT	b	2437	Ant0	76.61	1.16	0.12
NVNT	b	2462	Ant0	76.62	1.16	0.12
NVNT	g	2412	Ant0	35.21	4.53	0.74
NVNT	g	2437	Ant0	35.21	4.53	0.74
NVNT	g	2462	Ant0	35.21	4.53	0.74
NVNT	n20	2412	Ant0	31.49	5.02	0.87
NVNT	n20	2437	Ant0	31.51	5.02	0.87
NVNT	n20	2462	Ant0	31.45	5.02	0.87
NVNT	n40	2422	Ant0	18.66	7.29	1.74
NVNT	n40	2437	Ant0	55.81	2.53	1.58
NVNT	n40	2452	Ant0	55.73	2.54	1.58
NVNT	ax20	2412	Ant0	28.35	5.47	1.01
NVNT	ax20	2437	Ant0	28.35	5.47	1.01
NVNT	ax20	2462	Ant0	28.35	5.47	1.01
NVNT	ax40	2422	Ant0	55.1	2.59	1.62
NVNT	ax40	2437	Ant0	55.1	2.59	1.62
NVNT	ax40	2452	Ant0	55.18	2.58	1.62

Test Graphs

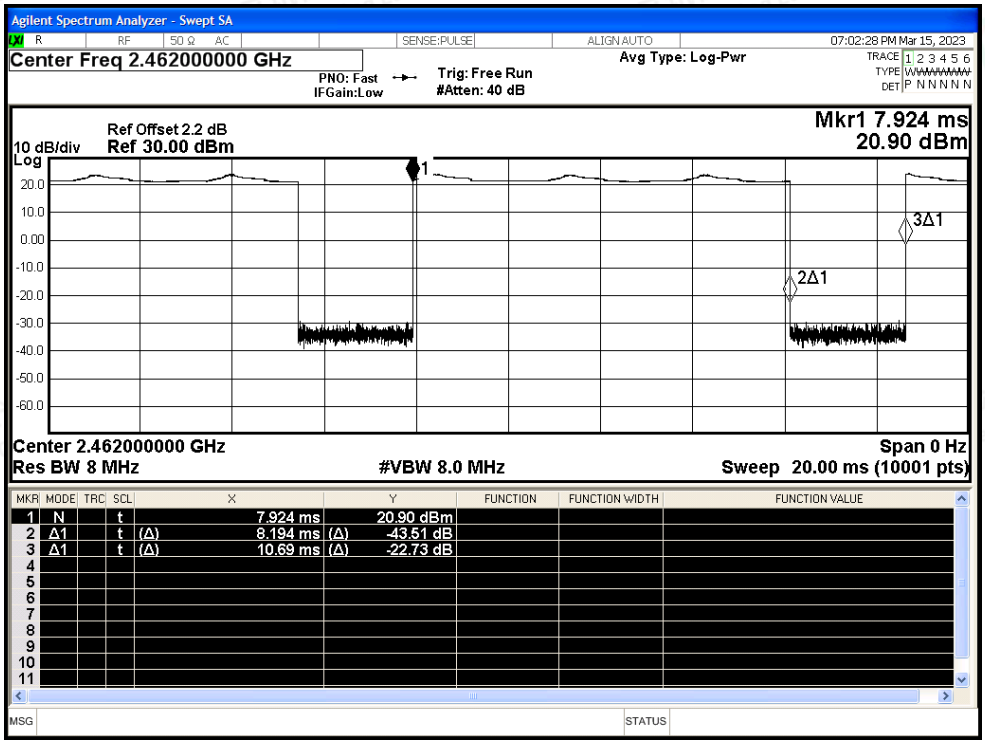
Duty Cycle NVNT b 2412MHz Ant0



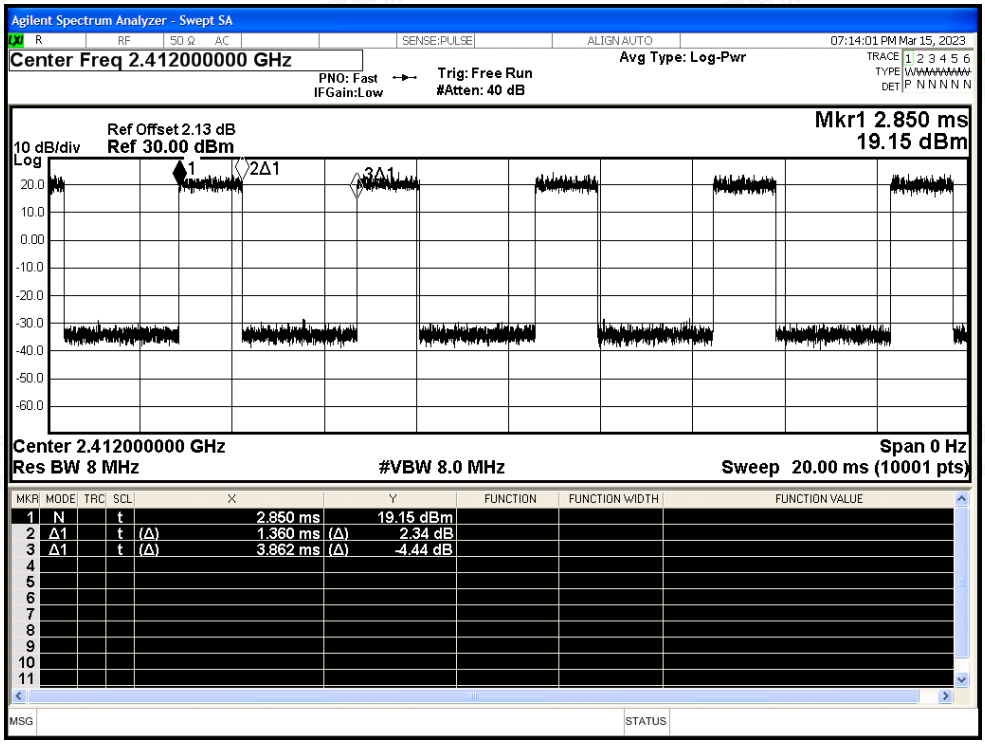
Duty Cycle NVNT b 2437MHz Ant0



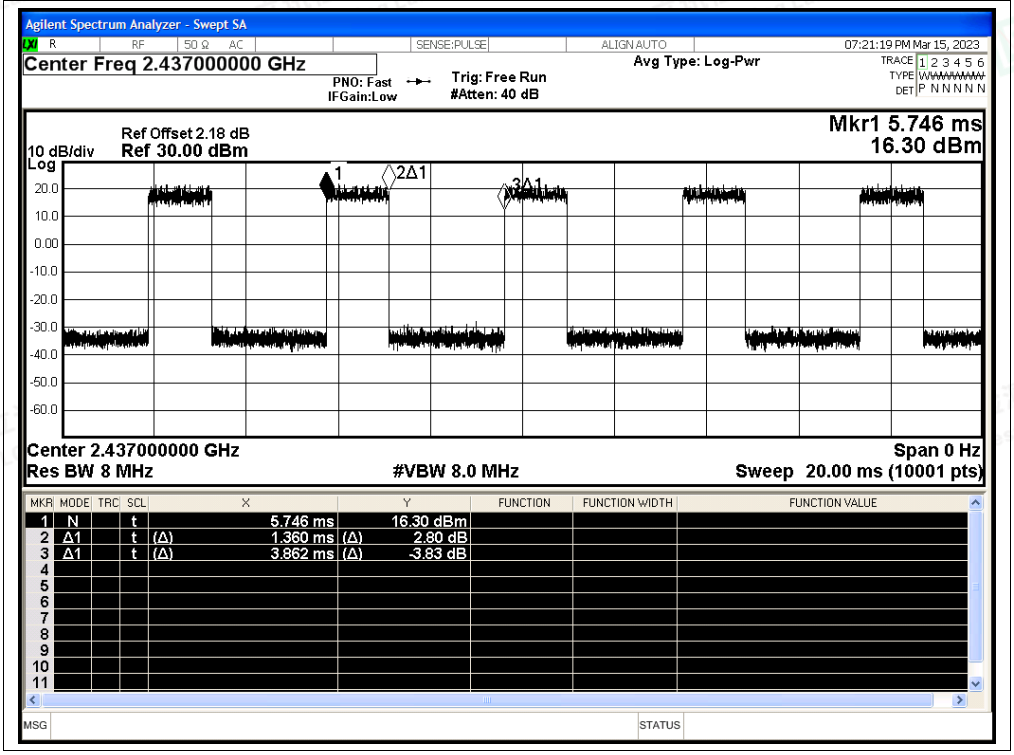
Duty Cycle NVNT b 2462MHz Ant0



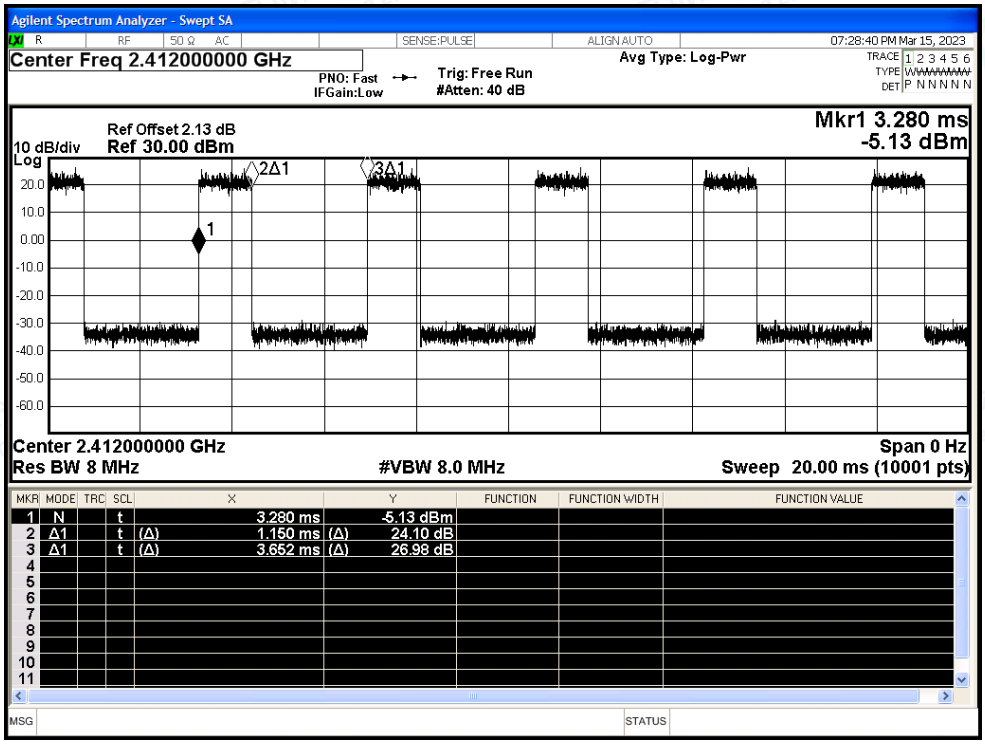
Duty Cycle NVNT g 2412MHz Ant0



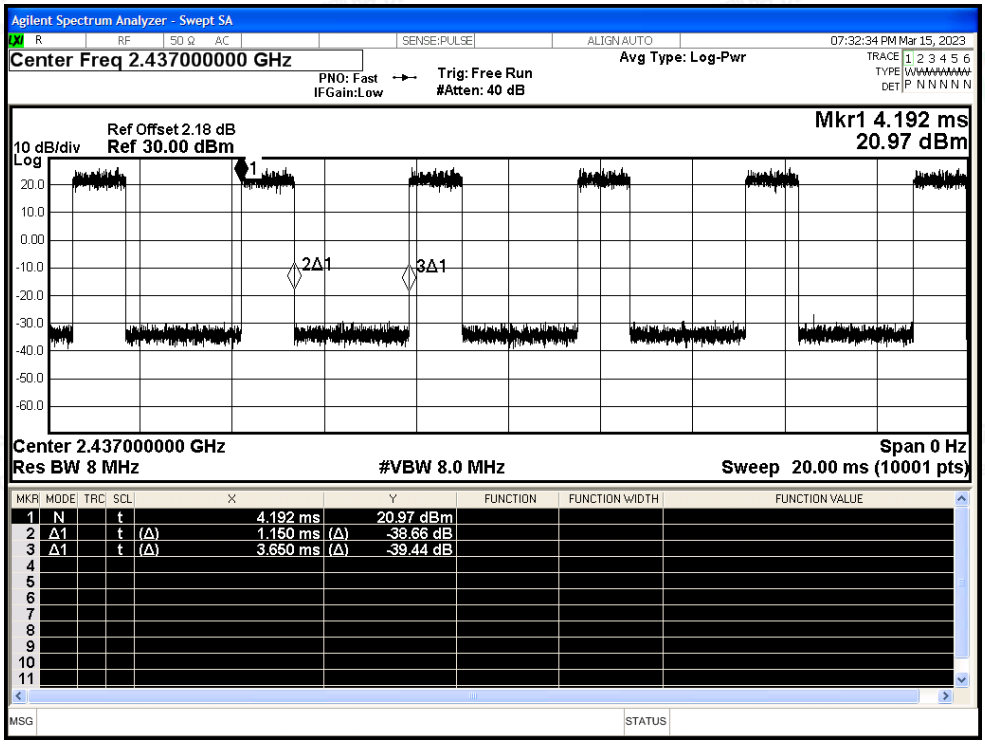
Duty Cycle NVNT g 2437MHz Ant0



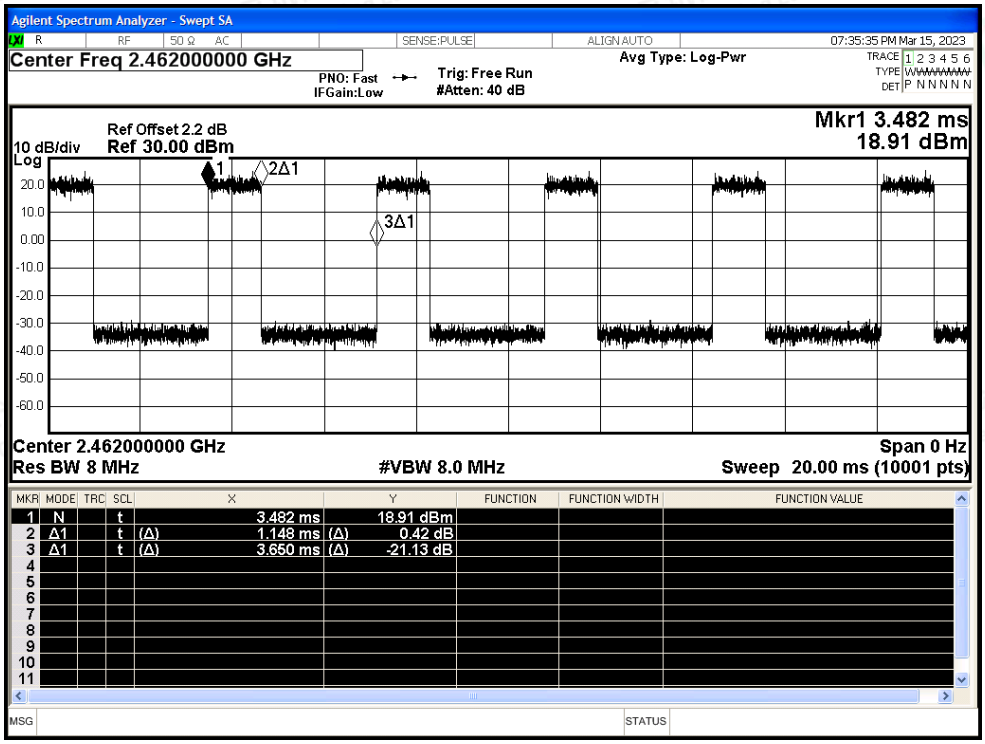
Duty Cycle NVNT n20 2412MHz Ant0



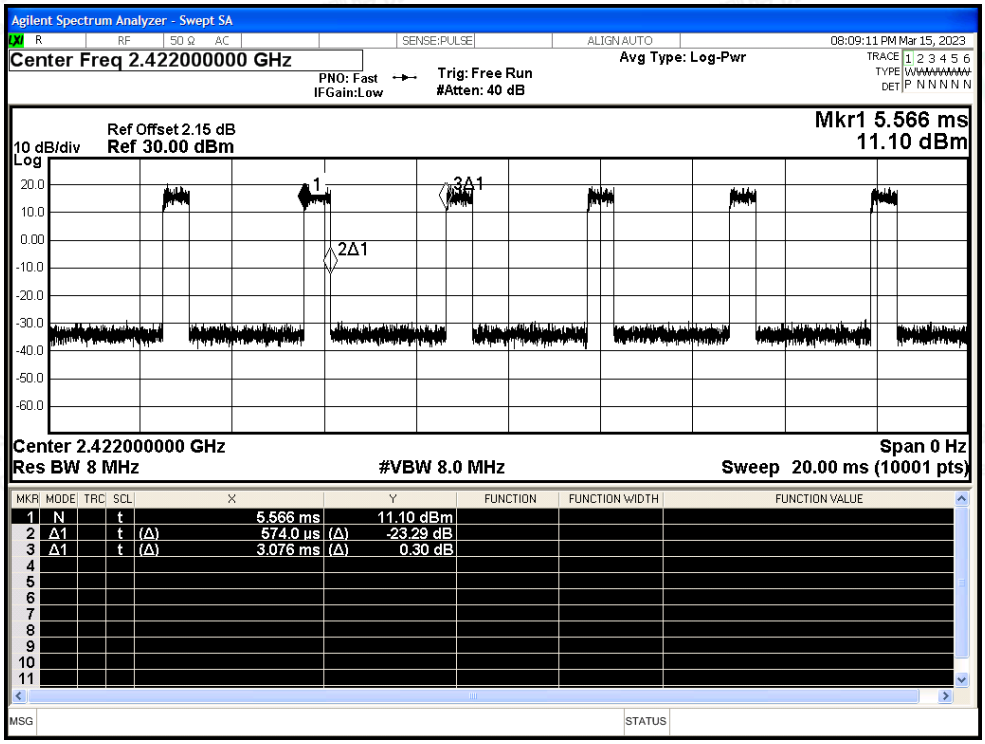
Duty Cycle NVNT n20 2437MHz Ant0



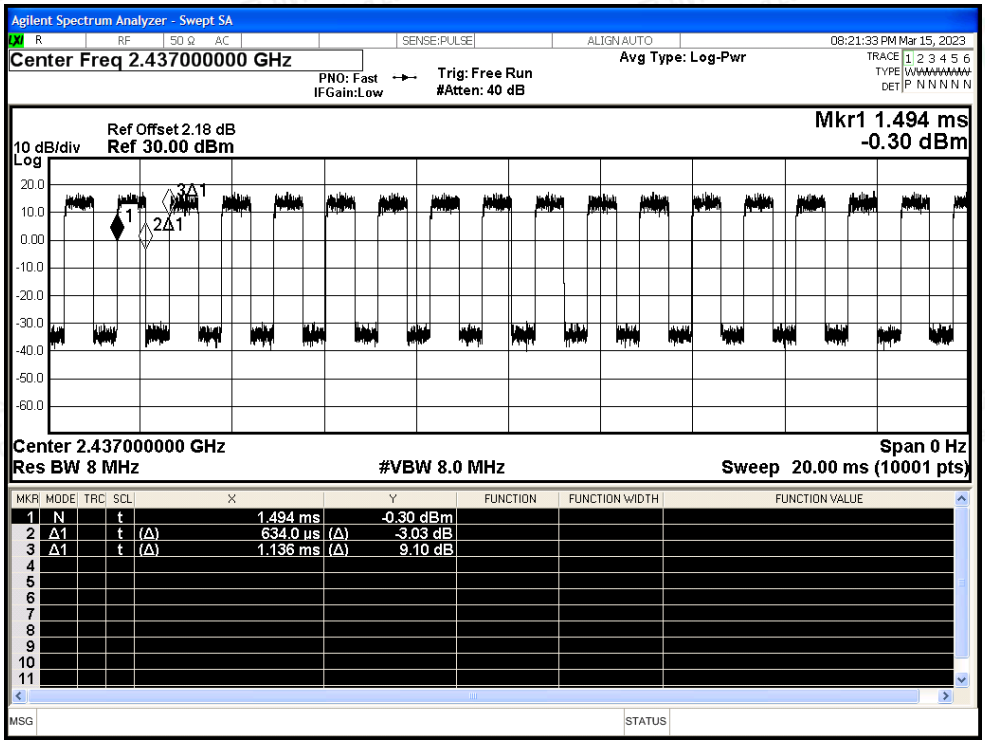
Duty Cycle NVNT n20 2462MHz Ant0



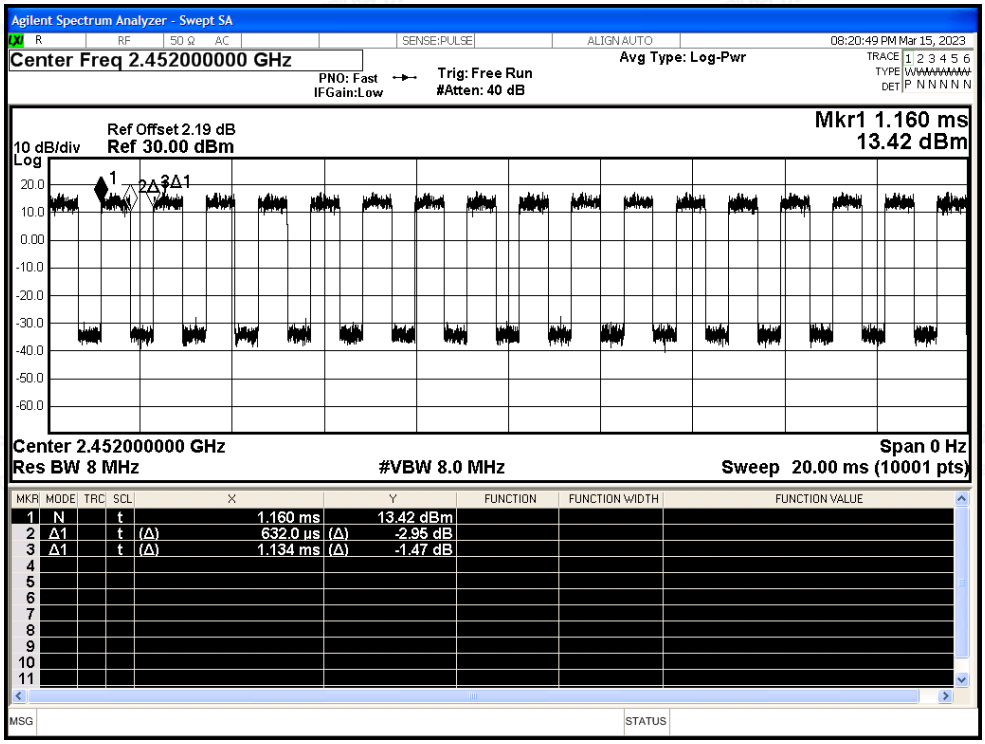
Duty Cycle NVNT n40 2422MHz Ant0



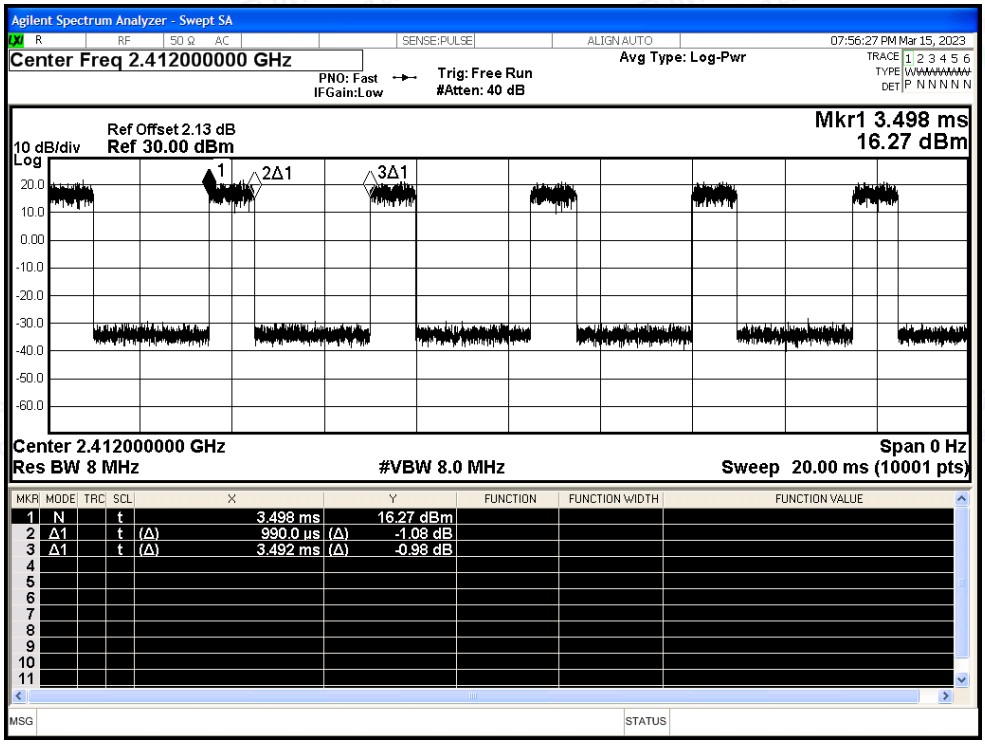
Duty Cycle NVNT n40 2437MHz Ant0



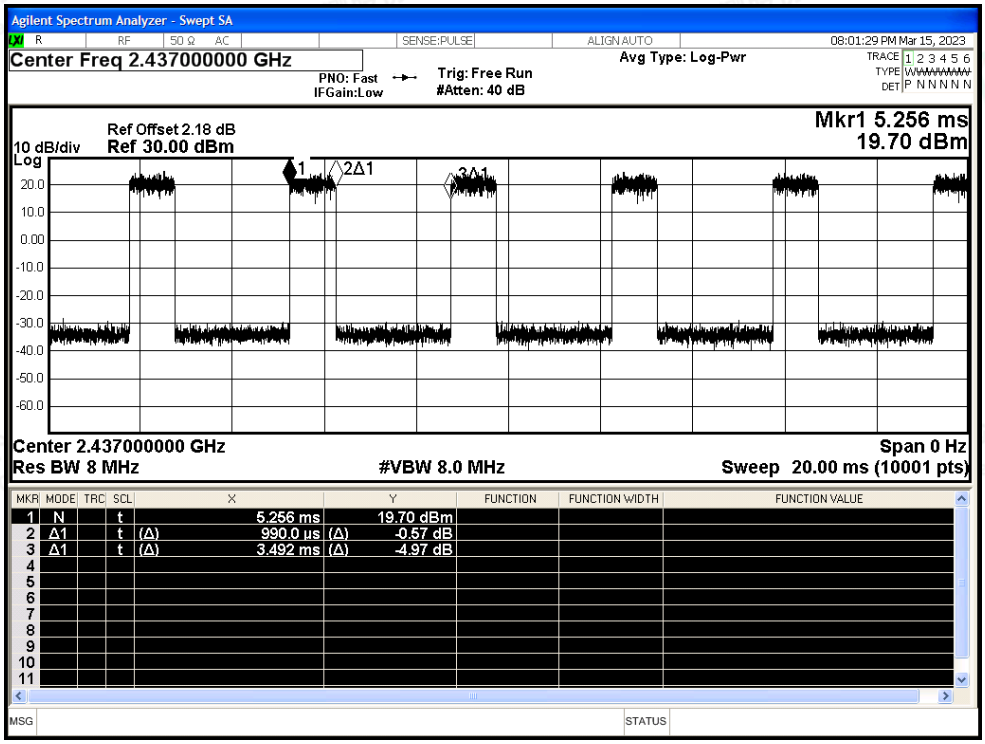
Duty Cycle NVNT n40 2452MHz Ant0



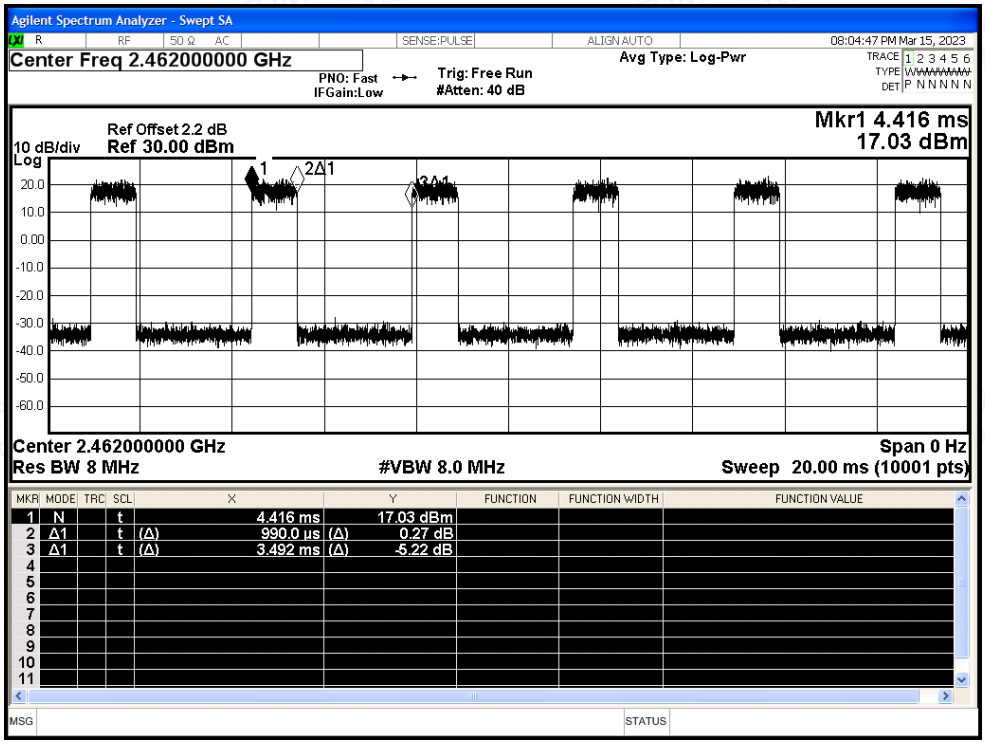
Duty Cycle NVNT ax20 2412MHz Ant0



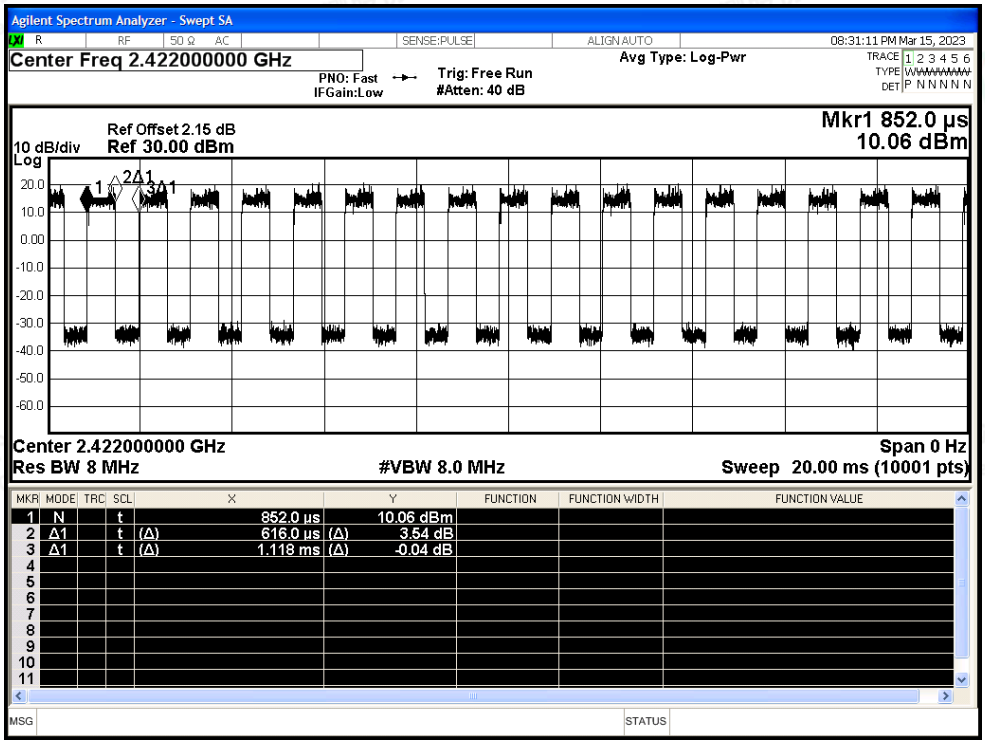
Duty Cycle NVNT ax20 2437MHz Ant0



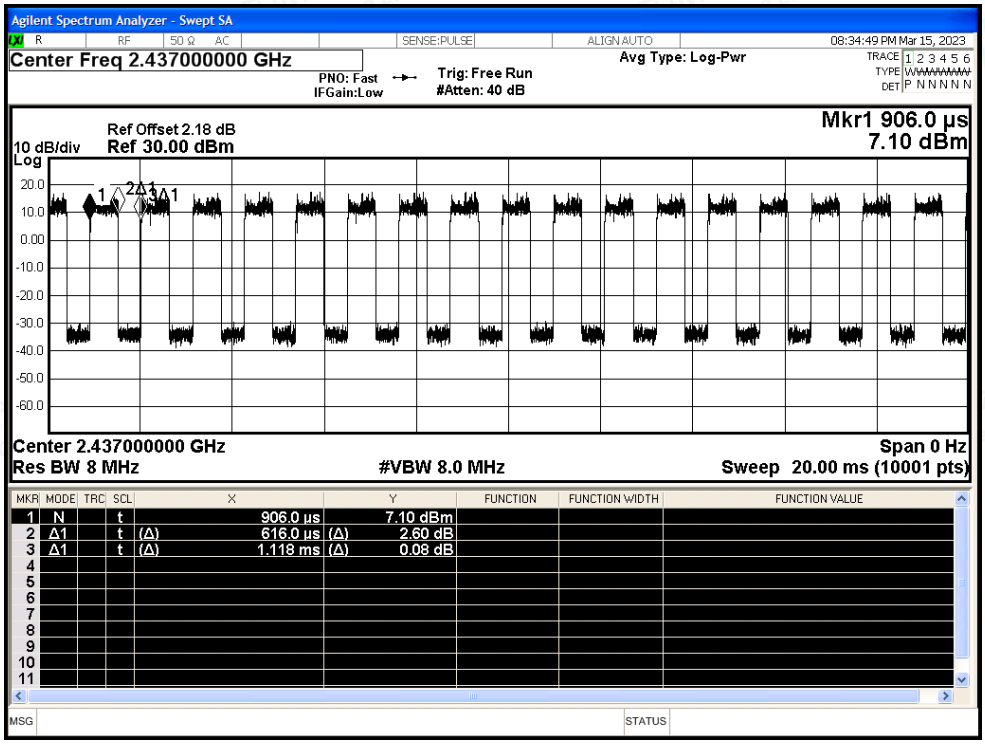
Duty Cycle NVNT ax20 2462MHz Ant0



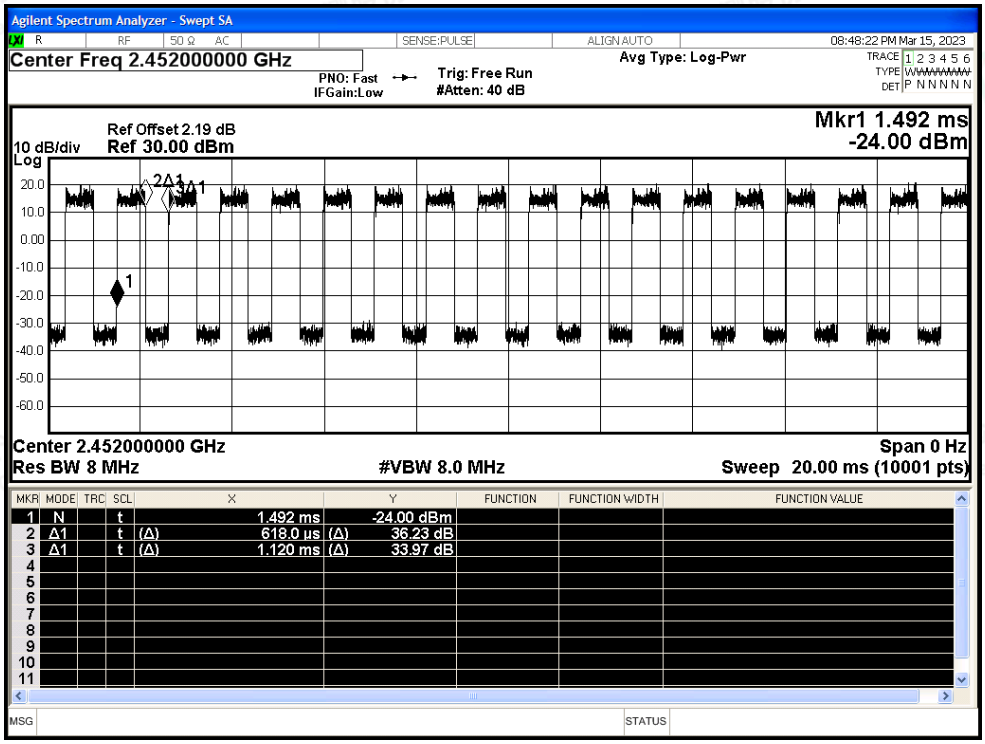
Duty Cycle NVNT ax40 2422MHz Ant0



Duty Cycle NVNT ax40 2437MHz Ant0



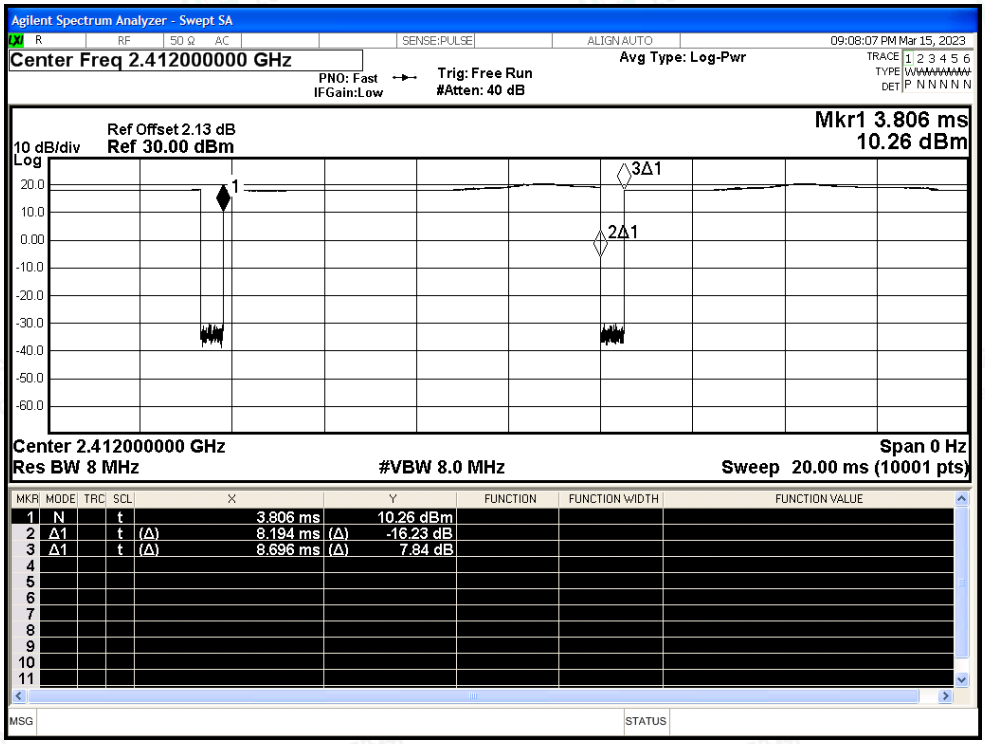
Duty Cycle NVNT ax40 2452MHz Ant0



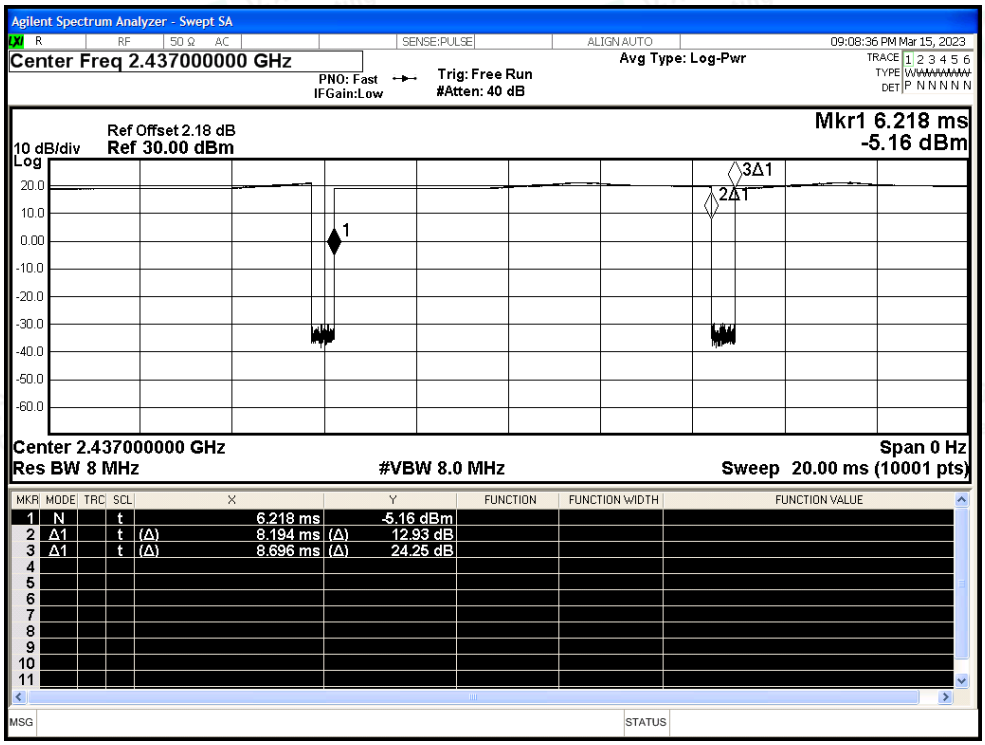
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	b	2412	Ant1	94.23	0.26	0.12
NVNT	b	2437	Ant1	94.23	0.26	0.12
NVNT	b	2462	Ant1	94.23	0.26	0.12
NVNT	g	2412	Ant1	35.21	4.53	0.74
NVNT	g	2437	Ant1	35.21	4.53	0.74
NVNT	g	2462	Ant1	35.21	4.53	0.74
NVNT	n20	2412	Ant1	31.49	5.02	0.87
NVNT	n20	2437	Ant1	31.49	5.02	0.87
NVNT	n20	2462	Ant1	31.49	5.02	0.87
NVNT	n40	2422	Ant1	53.26	2.74	1.75
NVNT	n40	2437	Ant1	53.26	2.74	1.75
NVNT	n40	2452	Ant1	53.26	2.74	1.75
NVNT	ax20	2412	Ant1	28.39	5.47	1.01
NVNT	ax20	2437	Ant1	28.35	5.47	1.01
NVNT	ax20	2462	Ant1	28.39	5.47	1.01
NVNT	ax40	2422	Ant1	17.26	7.63	1.92
NVNT	ax40	2437	Ant1	17.26	7.63	1.92
NVNT	ax40	2452	Ant1	17.21	7.64	1.92

Test Graphs

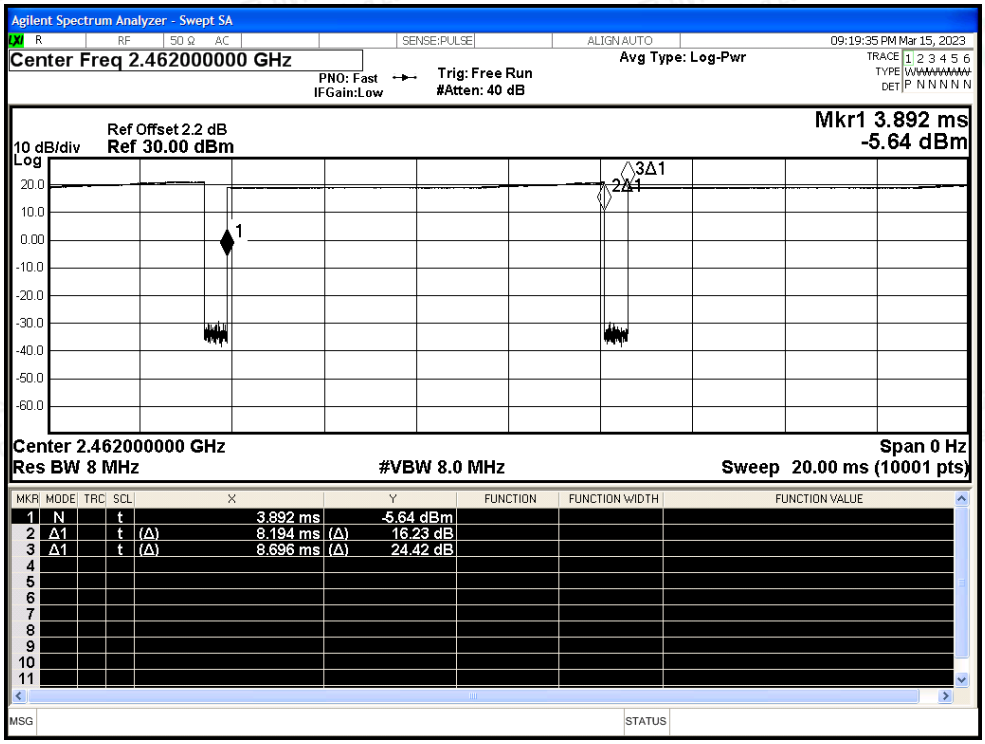
Duty Cycle NVNT b 2412MHz Ant1



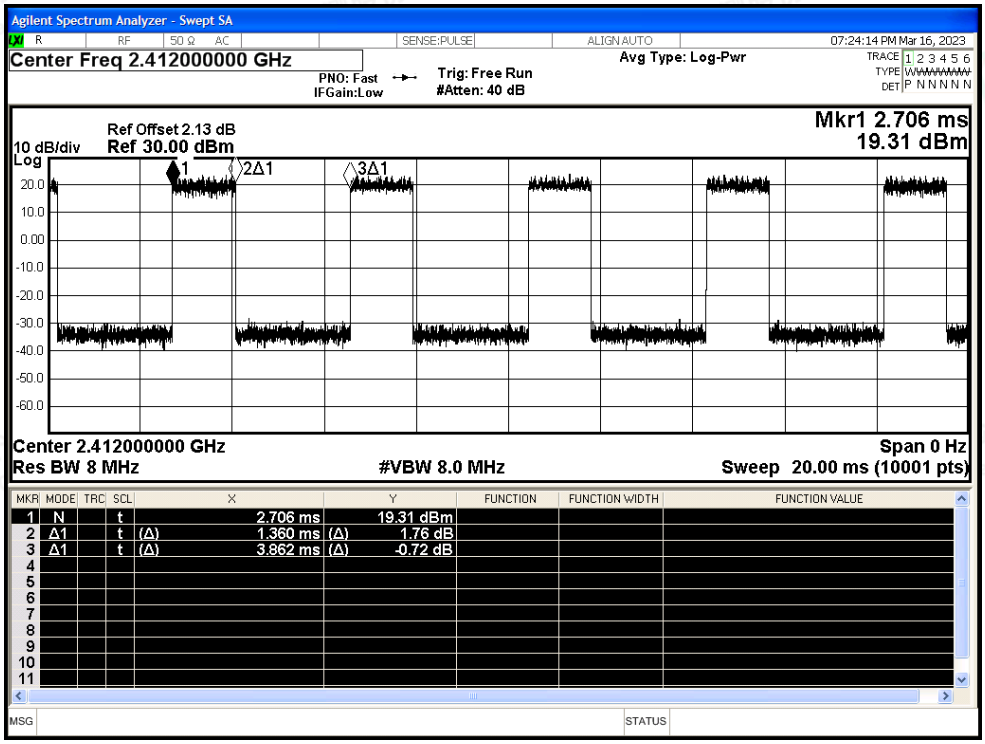
Duty Cycle NVNT b 2437MHz Ant1



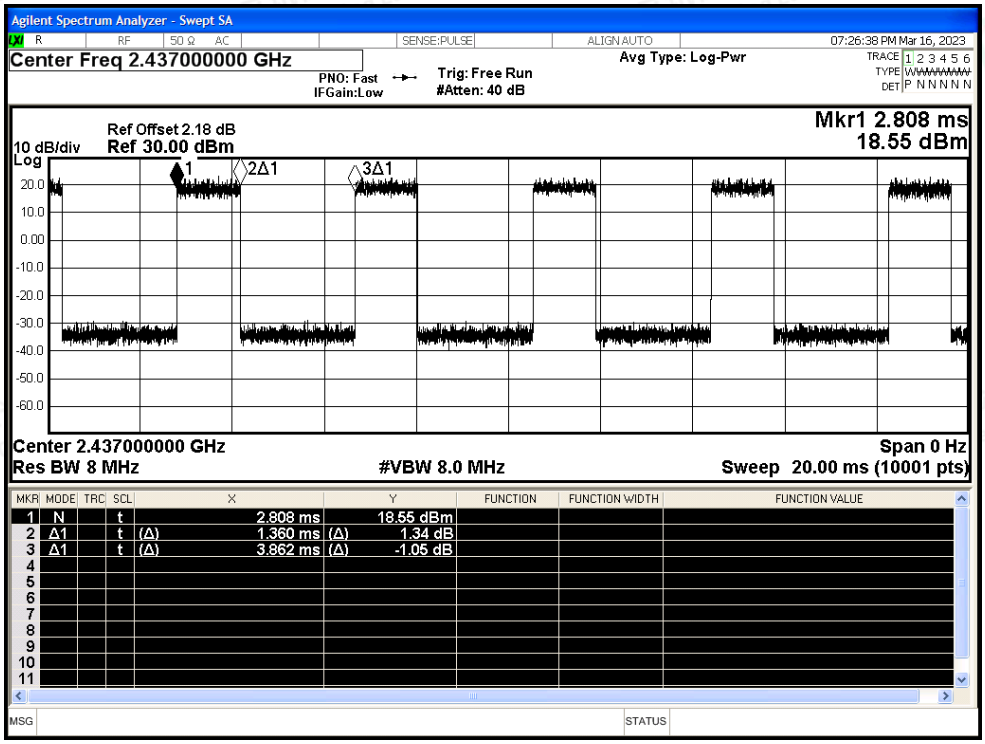
Duty Cycle NVNT b 2462MHz Ant1



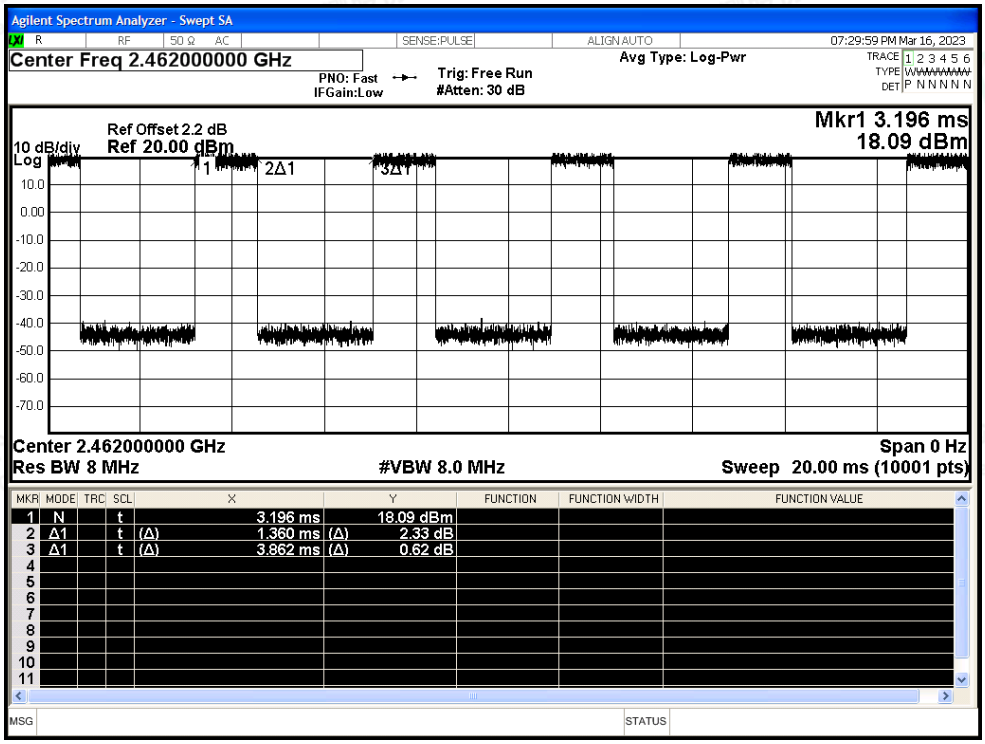
Duty Cycle NVNT g 2412MHz Ant1



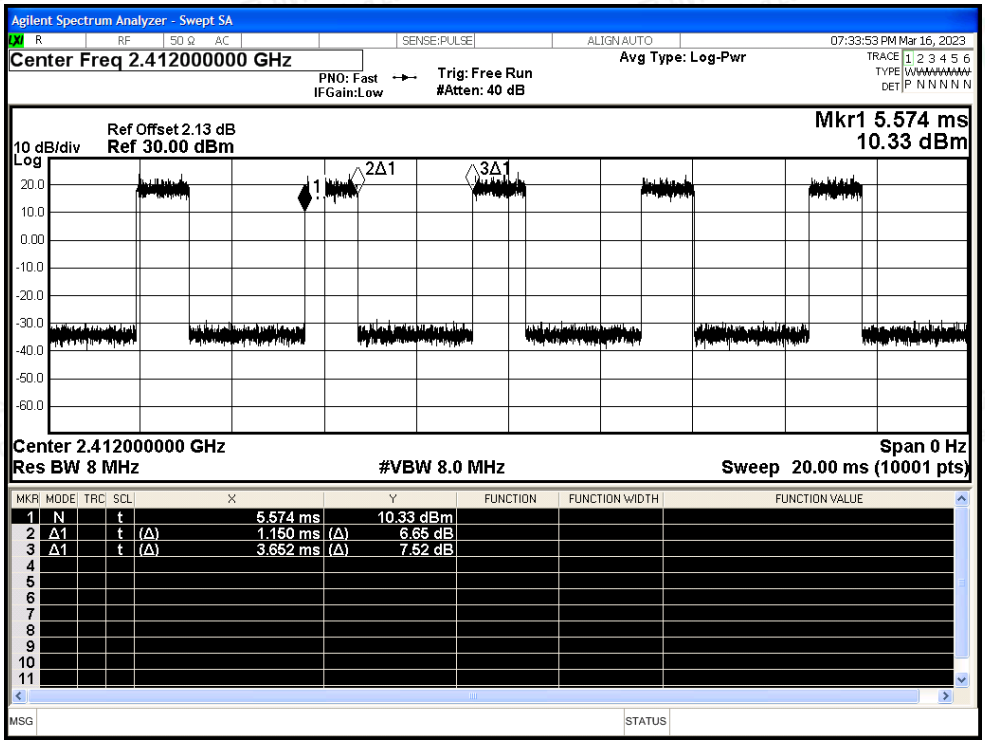
Duty Cycle NVNT g 2437MHz Ant1



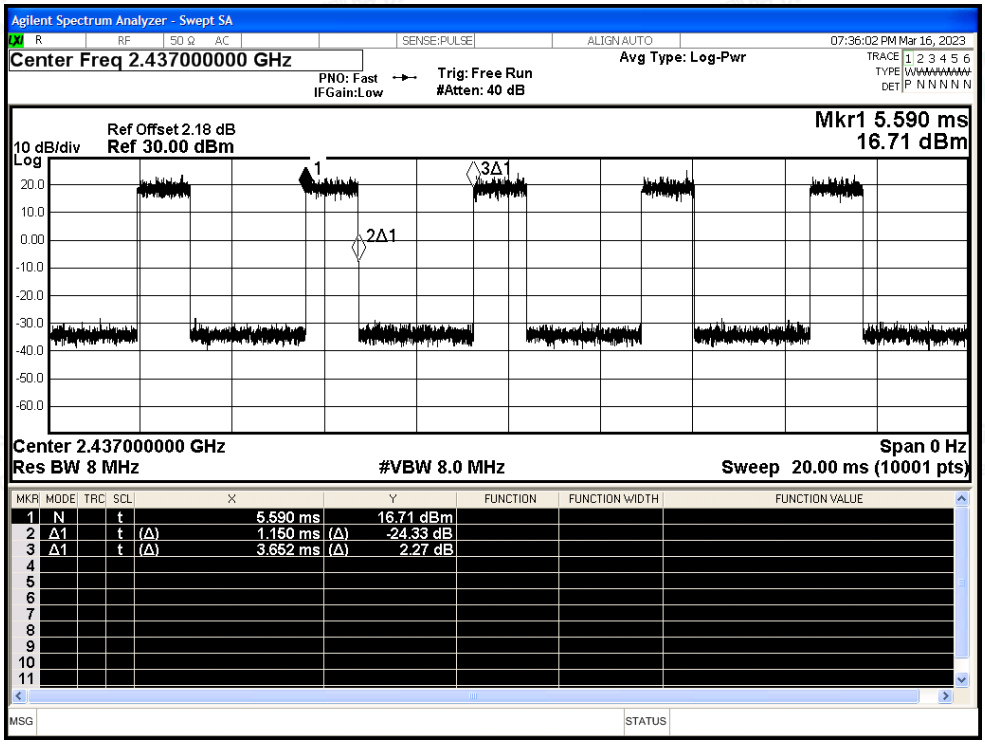
Duty Cycle NVNT g 2462MHz Ant1



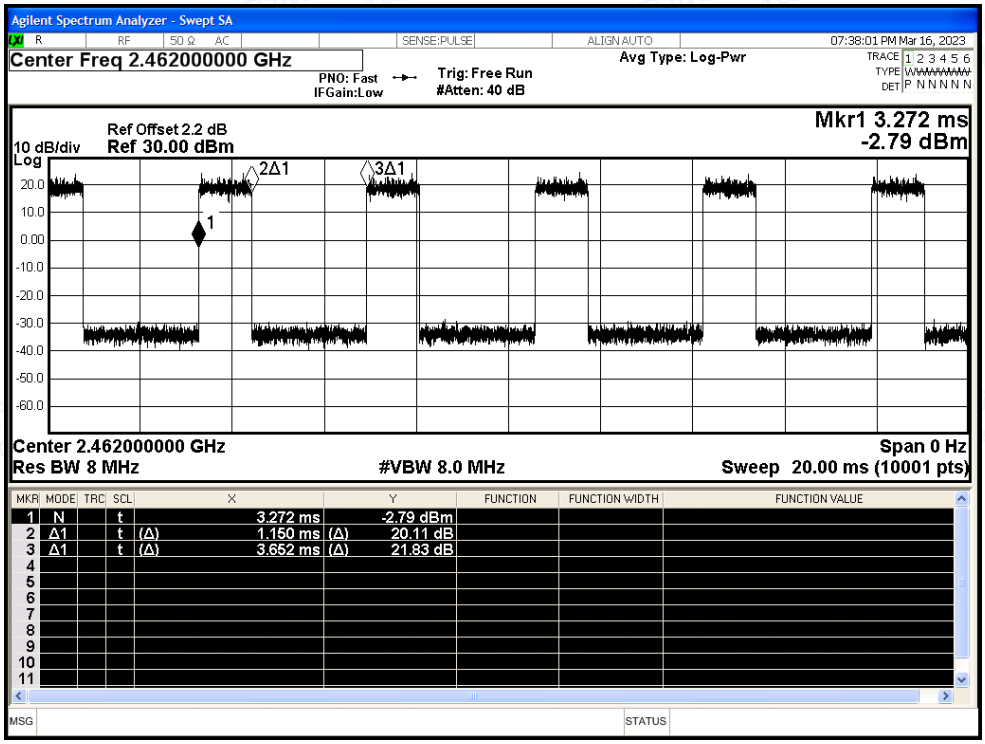
Duty Cycle NVNT n20 2412MHz Ant1



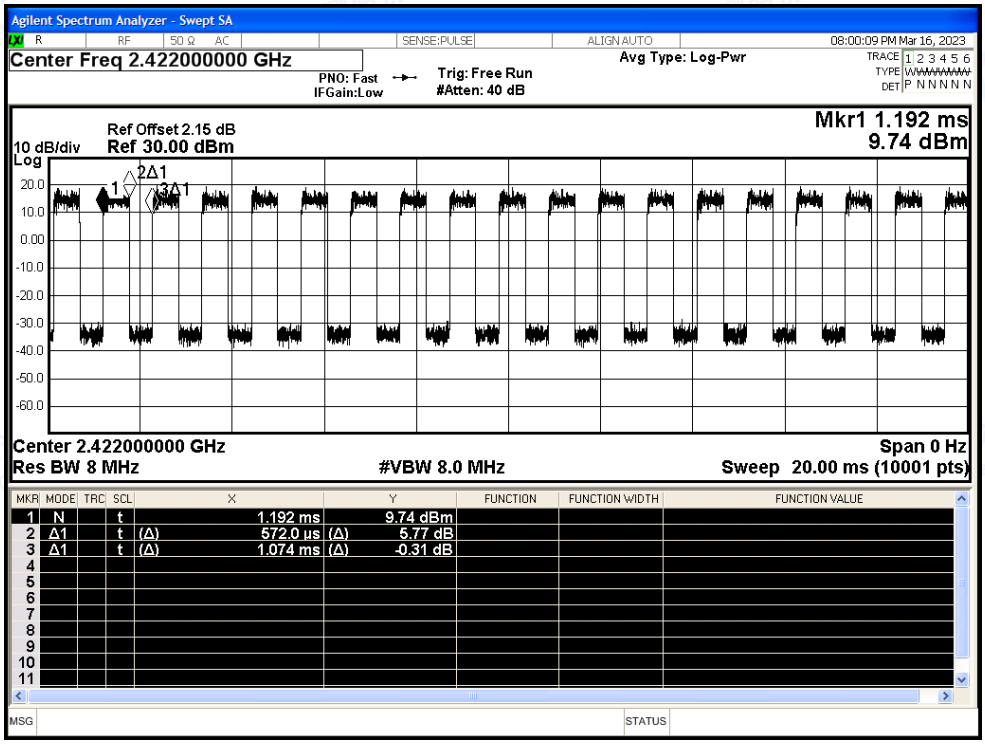
Duty Cycle NVNT n20 2437MHz Ant1



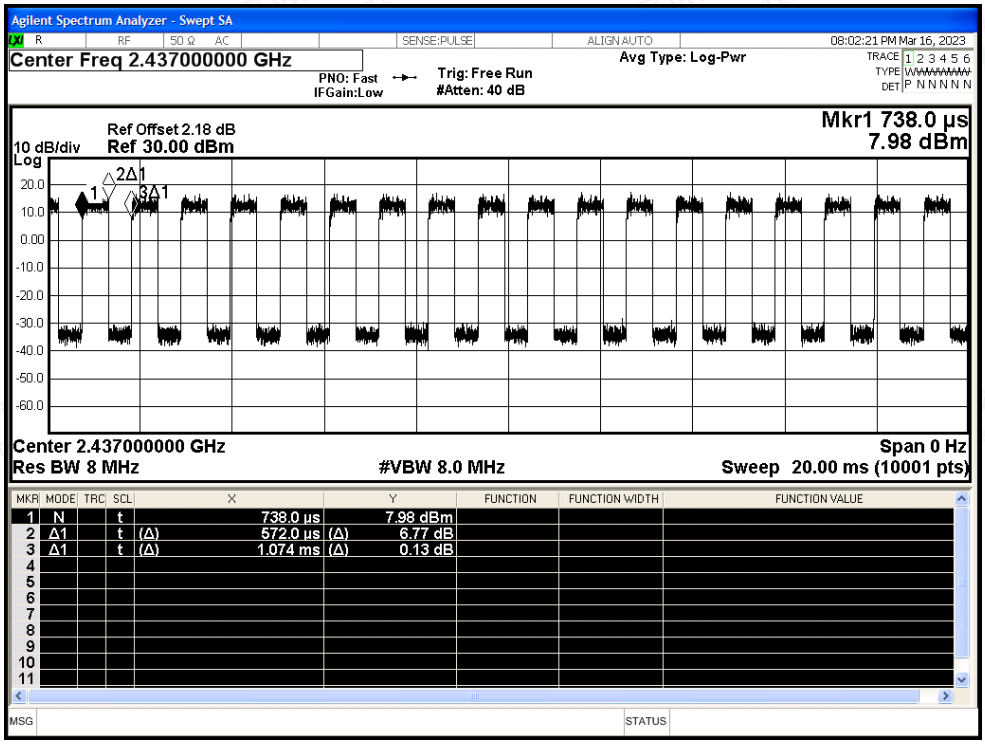
Duty Cycle NVNT n20 2462MHz Ant1



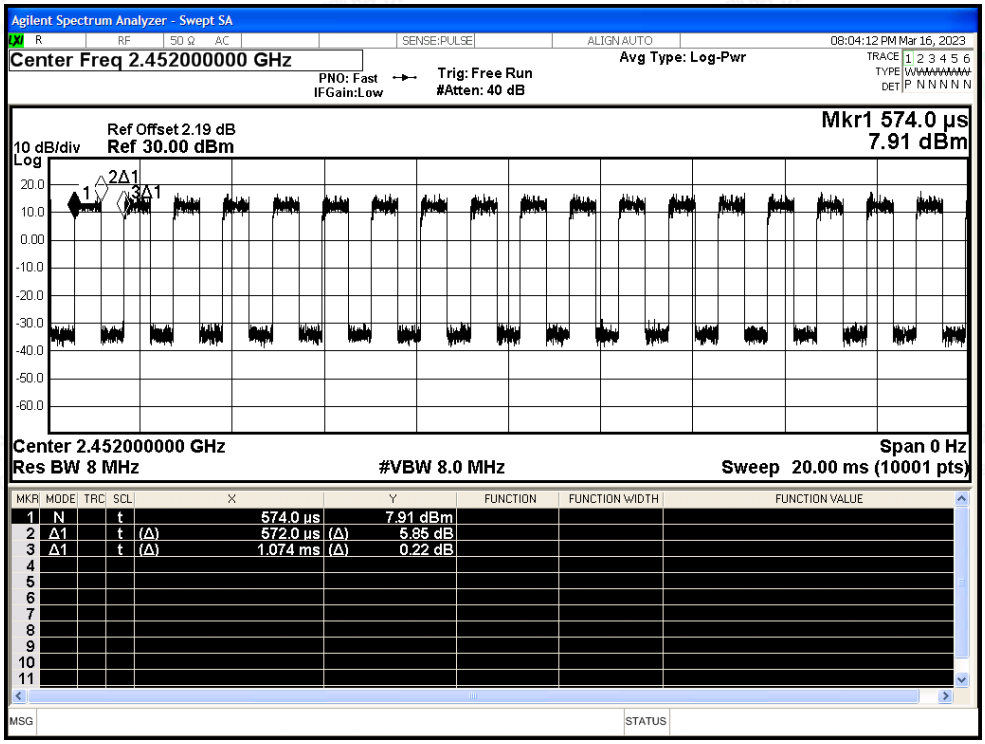
Duty Cycle NVNT n40 2422MHz Ant1



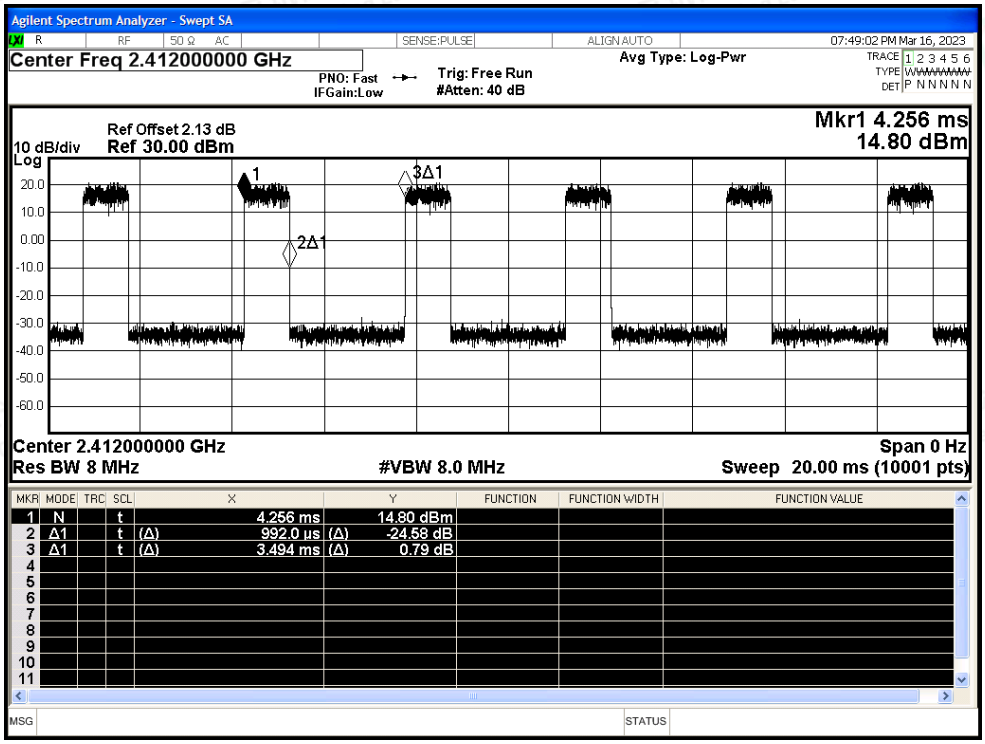
Duty Cycle NVNT n40 2437MHz Ant1



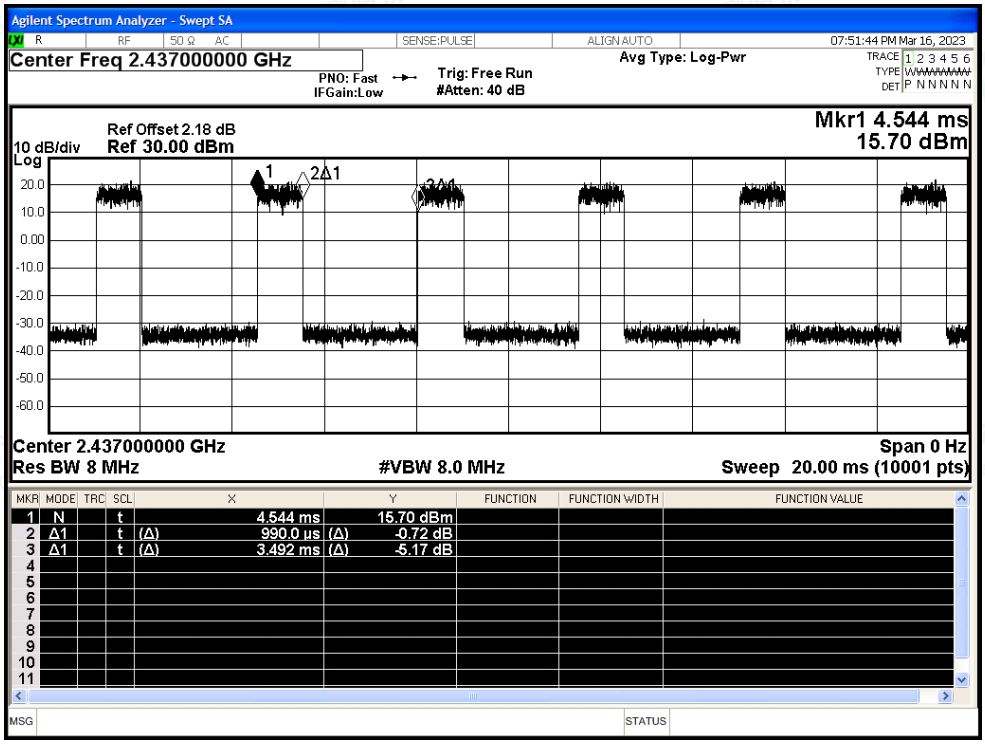
Duty Cycle NVNT n40 2452MHz Ant1



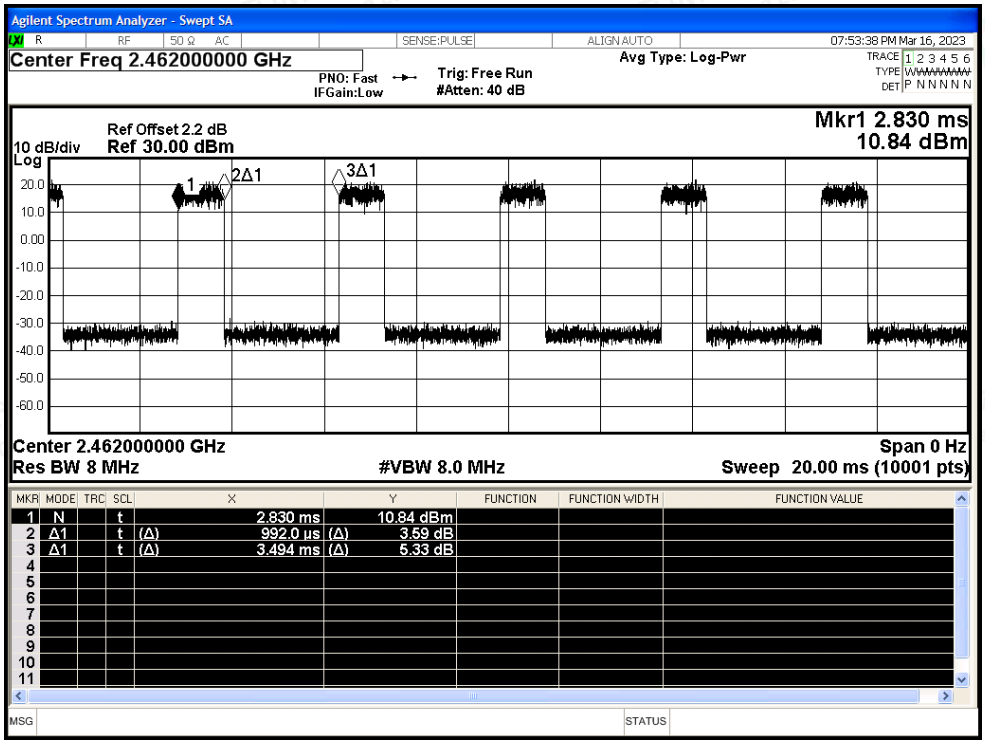
Duty Cycle NVNT ax20 2412MHz Ant1



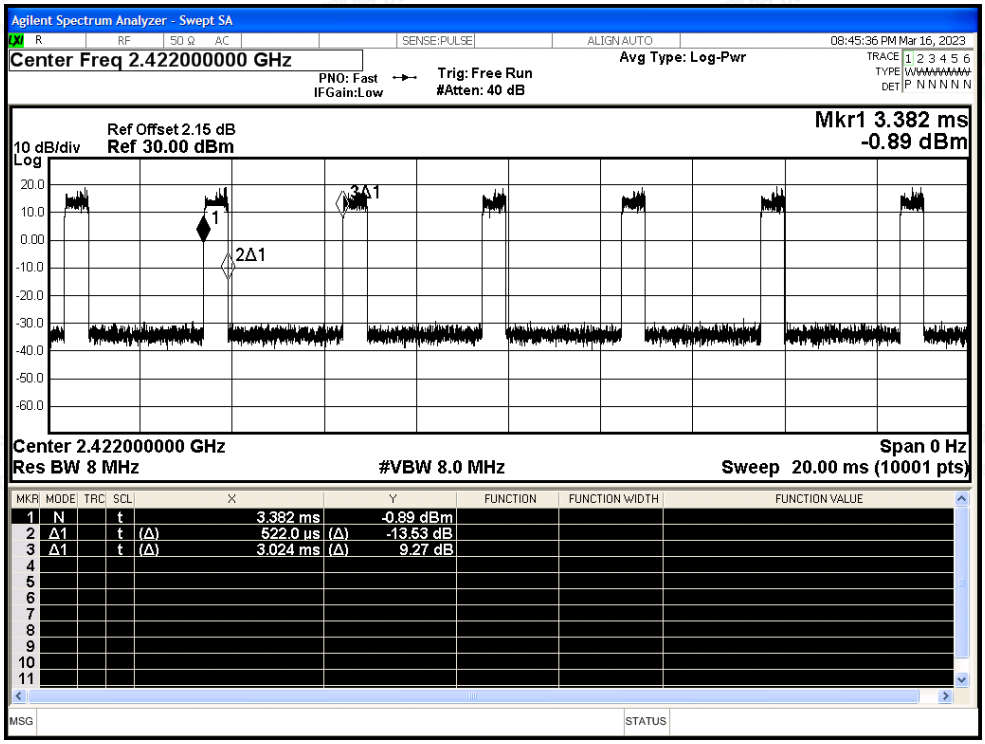
Duty Cycle NVNT ax20 2437MHz Ant1



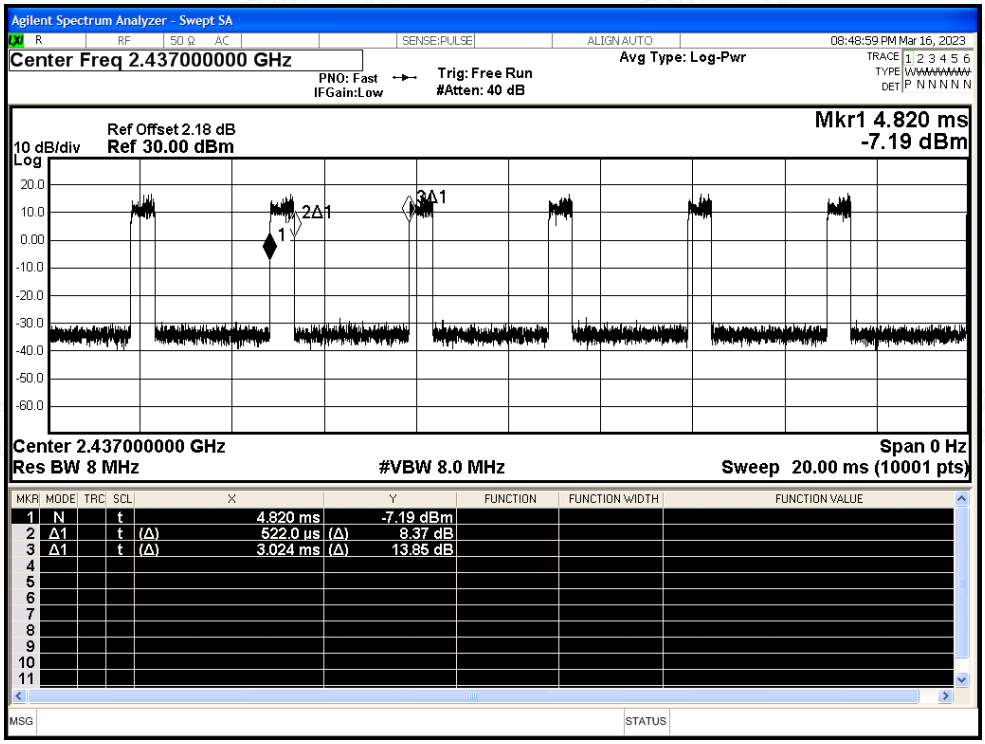
Duty Cycle NVNT ax20 2462MHz Ant1



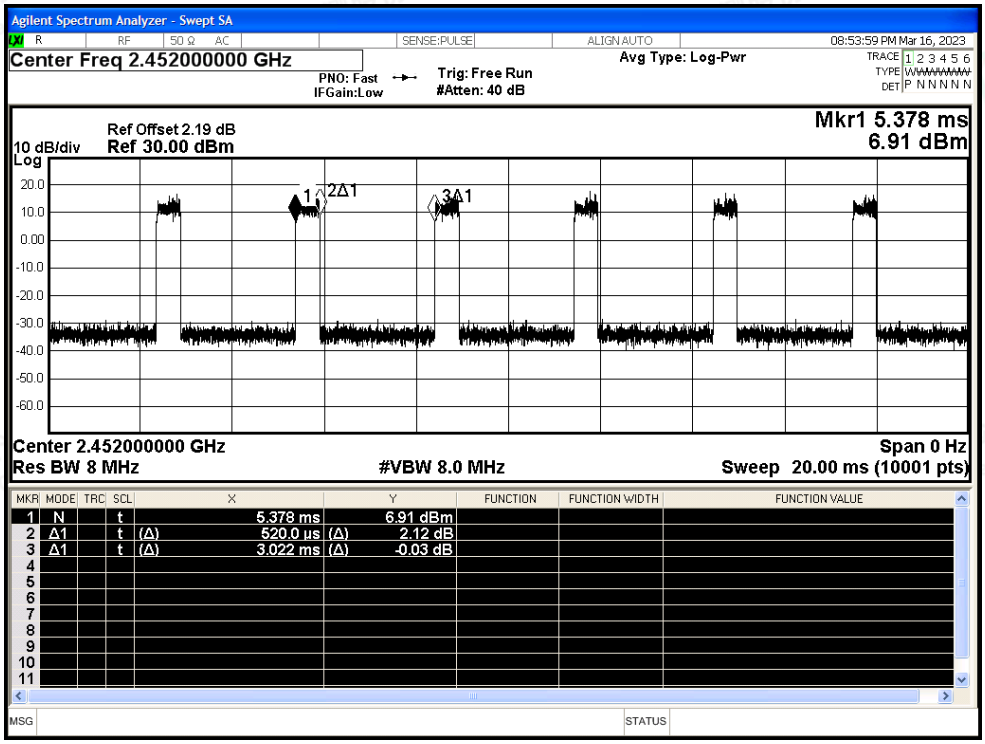
Duty Cycle NVNT ax40 2422MHz Ant1



Duty Cycle NVNT ax40 2437MHz Ant1



Duty Cycle NVNT ax40 2452MHz Ant1



A.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	-50.76	3.0	47.50	Peak	74	Pass
NVNT	b	2412	Ant0	2310	-59.43	3.0	38.83	Average	54	Pass
NVNT	b	2412	Ant0	2386.401	-43.22	3.0	55.04	Peak	74	Pass
NVNT	b	2412	Ant0	2388.39	-53.02	3.0	45.24	Average	54	Pass
NVNT	b	2412	Ant0	2390	-44.96	3.0	53.30	Peak	74	Pass
NVNT	b	2412	Ant0	2390	-54.45	3.0	43.81	Average	54	Pass
NVNT	b	2462	Ant0	2483.5	-44.88	3.0	53.38	Peak	74	Pass
NVNT	b	2462	Ant0	2483.5	-54.57	3.0	43.69	Average	54	Pass
NVNT	b	2462	Ant0	2488.658	-39.23	3.0	59.03	Peak	74	Pass
NVNT	b	2462	Ant0	2487.333	-47.84	3.0	50.42	Average	54	Pass
NVNT	b	2462	Ant0	2500	-46.37	3.0	51.89	Peak	74	Pass
NVNT	b	2462	Ant0	2500	-56.09	3.0	42.17	Average	54	Pass
NVNT	g	2412	Ant0	2310	-50.86	3.0	47.40	Peak	74	Pass
NVNT	g	2412	Ant0	2310	-59.04	3.0	39.22	Average	54	Pass
NVNT	g	2412	Ant0	2389.443	-37.64	3.0	60.62	Peak	74	Pass
NVNT	g	2412	Ant0	2389.911	-51.39	3.0	46.87	Average	54	Pass
NVNT	g	2412	Ant0	2390	-39.74	3.0	58.52	Peak	74	Pass
NVNT	g	2412	Ant0	2390	-51.15	3.0	47.11	Average	54	Pass
NVNT	g	2462	Ant0	2483.5	-39.55	3.0	58.71	Peak	74	Pass
NVNT	g	2462	Ant0	2483.5	-49.01	3.0	49.25	Average	54	Pass
NVNT	g	2462	Ant0	2485.637	-34.17	3.0	64.09	Peak	74	Pass
NVNT	g	2462	Ant0	2483.623	-48.9	3.0	49.36	Average	54	Pass
NVNT	g	2462	Ant0	2500	-46.02	3.0	52.24	Peak	74	Pass
NVNT	g	2462	Ant0	2500	-55.2	3.0	43.06	Average	54	Pass
NVNT	n20	2412	Ant0	2310	-50.12	3.0	48.14	Peak	74	Pass
NVNT	n20	2412	Ant0	2310	-59.26	3.0	39.00	Average	54	Pass
NVNT	n20	2412	Ant0	2389.209	-42.07	3.0	56.19	Peak	74	Pass
NVNT	n20	2412	Ant0	2389.911	-54.33	3.0	43.93	Average	54	Pass
NVNT	n20	2412	Ant0	2390	-44.47	3.0	53.79	Peak	74	Pass
NVNT	n20	2412	Ant0	2390	-54.33	3.0	43.93	Average	54	Pass
NVNT	n20	2462	Ant0	2483.5	-39.17	3.0	59.09	Peak	74	Pass
NVNT	n20	2462	Ant0	2483.5	-50.96	3.0	47.30	Average	54	Pass
NVNT	n20	2462	Ant0	2483.57	-37.91	3.0	60.35	Peak	74	Pass
NVNT	n20	2462	Ant0	2483.517	-50.96	3.0	47.30	Average	54	Pass
NVNT	n20	2462	Ant0	2500	-45.83	3.0	52.43	Peak	74	Pass
NVNT	n20	2462	Ant0	2500	-56.78	3.0	41.48	Average	54	Pass
NVNT	n40	2422	Ant0	2310	-50.31	3.0	47.95	Peak	74	Pass

NVNT	n40	2422	Ant0	2310	-58.9	3.0	39.36	Average	54	Pass
NVNT	n40	2422	Ant0	2389.662	-30.36	3.0	67.90	Peak	74	Pass
NVNT	n40	2422	Ant0	2389.52	-50.61	3.0	47.65	Average	54	Pass
NVNT	n40	2422	Ant0	2390	-39.55	3.0	58.71	Peak	74	Pass
NVNT	n40	2422	Ant0	2390	-51.02	3.0	47.24	Average	54	Pass
NVNT	n40	2452	Ant0	2483.5	-35.24	3.0	63.02	Peak	74	Pass
NVNT	n40	2452	Ant0	2483.5	-44.79	3.0	53.47	Average	54	Pass
NVNT	n40	2452	Ant0	2483.932	-27.11	3.0	71.15	Peak	74	Pass
NVNT	n40	2452	Ant0	2483.542	-44.78	3.0	53.48	Average	54	Pass
NVNT	n40	2452	Ant0	2500	-35.97	3.0	62.29	Peak	74	Pass
NVNT	n40	2452	Ant0	2500	-51.26	3.0	47.00	Average	54	Pass
NVNT	ax20	2412	Ant0	2310	-49.2	3.0	49.06	Peak	74	Pass
NVNT	ax20	2412	Ant0	2310	-59.02	3.0	39.24	Average	54	Pass
NVNT	ax20	2412	Ant0	2388.858	-32.35	3.0	65.91	Peak	74	Pass
NVNT	ax20	2412	Ant0	2389.911	-48.8	3.0	49.46	Average	54	Pass
NVNT	ax20	2412	Ant0	2390	-36.71	3.0	61.55	Peak	74	Pass
NVNT	ax20	2412	Ant0	2390	-48.81	3.0	49.45	Average	54	Pass
NVNT	ax20	2462	Ant0	2483.5	-33.44	3.0	64.79	Peak	74	Pass
NVNT	ax20	2462	Ant0	2483.5	-49.6	3.0	48.63	Average	54	Pass
NVNT	ax20	2462	Ant0	2483.517	-24.67	3.0	73.56	Peak	74	Pass
NVNT	ax20	2462	Ant0	2483.57	-48.35	3.0	49.88	Average	54	Pass
NVNT	ax20	2462	Ant0	2500	-48	3.0	50.23	Peak	74	Pass
NVNT	ax20	2462	Ant0	2500	-56.99	3.0	41.24	Average	54	Pass
NVNT	ax40	2422	Ant0	2310	-50.42	3.0	47.84	Peak	74	Pass
NVNT	ax40	2422	Ant0	2310	-58.64	3.0	39.62	Average	54	Pass
NVNT	ax40	2422	Ant0	2389.52	-27.51	3.0	70.75	Peak	74	Pass
NVNT	ax40	2422	Ant0	2389.094	-49.5	3.0	48.76	Average	54	Pass
NVNT	ax40	2422	Ant0	2390	-28.3	3.0	69.96	Peak	74	Pass
NVNT	ax40	2422	Ant0	2390	-49.67	3.0	48.59	Average	54	Pass
NVNT	ax40	2452	Ant0	2483.5	-38.31	3.0	59.95	Peak	74	Pass
NVNT	ax40	2452	Ant0	2483.5	-47.9	3.0	50.36	Average	54	Pass
NVNT	ax40	2452	Ant0	2485.102	-34.96	3.0	63.30	Peak	74	Pass
NVNT	ax40	2452	Ant0	2483.542	-47.69	3.0	50.57	Average	54	Pass
NVNT	ax40	2452	Ant0	2500	-44.17	3.0	54.09	Peak	74	Pass
NVNT	ax40	2452	Ant0	2500	-53.23	3.0	45.03	Average	54	Pass

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	-50.63	3.0	47.63	Peak	74	Pass
NVNT	b	2412	Ant1	2310	-59.61	3.0	38.65	Average	54	Pass
NVNT	b	2412	Ant1	2387.22	-44.67	3.0	53.59	Peak	74	Pass
NVNT	b	2412	Ant1	2386.167	-54.12	3.0	44.14	Average	54	Pass
NVNT	b	2412	Ant1	2390	-44.2	3.0	54.06	Peak	74	Pass
NVNT	b	2412	Ant1	2390	-54.64	3.0	43.62	Average	54	Pass
NVNT	b	2462	Ant1	2483.5	-44.28	3.0	53.98	Peak	74	Pass
NVNT	b	2462	Ant1	2483.5	-52.54	3.0	45.72	Average	54	Pass
NVNT	b	2462	Ant1	2487.651	-40.07	3.0	58.19	Peak	74	Pass
NVNT	b	2462	Ant1	2487.757	-48.19	3.0	50.07	Average	54	Pass
NVNT	b	2462	Ant1	2500	-47.88	3.0	50.38	Peak	74	Pass
NVNT	b	2462	Ant1	2500	-57.2	3.0	41.06	Average	54	Pass
NVNT	g	2412	Ant1	2310	-48.17	3.0	50.09	Peak	74	Pass
NVNT	g	2412	Ant1	2310	-58.86	3.0	39.40	Average	54	Pass
NVNT	g	2412	Ant1	2389.443	-34.58	3.0	63.68	Peak	74	Pass
NVNT	g	2412	Ant1	2389.911	-49.58	3.0	48.68	Average	54	Pass
NVNT	g	2412	Ant1	2390	-41.44	3.0	56.82	Peak	74	Pass
NVNT	g	2412	Ant1	2390	-49.67	3.0	48.59	Average	54	Pass
NVNT	g	2462	Ant1	2483.5	-31.47	3.0	66.79	Peak	74	Pass
NVNT	g	2462	Ant1	2483.5	-47.17	3.0	51.09	Average	54	Pass
NVNT	g	2462	Ant1	2485.69	-27.66	3.0	70.60	Peak	74	Pass
NVNT	g	2462	Ant1	2483.517	-47.17	3.0	51.09	Average	54	Pass
NVNT	g	2462	Ant1	2500	-41.25	3.0	57.01	Peak	74	Pass
NVNT	g	2462	Ant1	2500	-54.1	3.0	44.16	Average	54	Pass
NVNT	n20	2412	Ant1	2310	-49.87	3.0	48.39	Peak	74	Pass
NVNT	n20	2412	Ant1	2310	-58.93	3.0	39.33	Average	54	Pass
NVNT	n20	2412	Ant1	2387.922	-26.55	3.0	71.71	Peak	74	Pass
NVNT	n20	2412	Ant1	2389.794	-46.71	3.0	51.55	Average	54	Pass
NVNT	n20	2412	Ant1	2390	-30.65	3.0	67.61	Peak	74	Pass
NVNT	n20	2412	Ant1	2390	-46.56	3.0	51.70	Average	54	Pass
NVNT	n20	2462	Ant1	2483.5	-34.79	3.0	63.47	Peak	74	Pass
NVNT	n20	2462	Ant1	2483.5	-44.87	3.0	53.39	Average	54	Pass
NVNT	n20	2462	Ant1	2485.319	-25.07	3.0	73.19	Peak	74	Pass
NVNT	n20	2462	Ant1	2483.517	-44.87	3.0	53.39	Average	54	Pass
NVNT	n20	2462	Ant1	2500	-43.19	3.0	55.07	Peak	74	Pass
NVNT	n20	2462	Ant1	2500	-53.45	3.0	44.81	Average	54	Pass
NVNT	n40	2422	Ant1	2310	-48.87	3.0	49.39	Peak	74	Pass
NVNT	n40	2422	Ant1	2310	-58.54	3.0	39.72	Average	54	Pass
NVNT	n40	2422	Ant1	2386.68	-30.2	3.0	68.06	Peak	74	Pass

NVNT	n40	2422	Ant1	2389.946	-49.53	3.0	48.73	Average	54	Pass
NVNT	n40	2422	Ant1	2390	-38.25	3.0	60.01	Peak	74	Pass
NVNT	n40	2422	Ant1	2390	-49.53	3.0	48.73	Average	54	Pass
NVNT	n40	2452	Ant1	2483.5	-39.97	3.0	58.29	Peak	74	Pass
NVNT	n40	2452	Ant1	2483.5	-49.47	3.0	48.79	Average	54	Pass
NVNT	n40	2452	Ant1	2485.492	-29.05	3.0	69.21	Peak	74	Pass
NVNT	n40	2452	Ant1	2487.598	-48.99	3.0	49.27	Average	54	Pass
NVNT	n40	2452	Ant1	2500	-42.66	3.0	55.60	Peak	74	Pass
NVNT	n40	2452	Ant1	2500	-51.23	3.0	47.03	Average	54	Pass
NVNT	ax20	2412	Ant1	2310	-51.16	3.0	47.10	Peak	74	Pass
NVNT	ax20	2412	Ant1	2310	-59.1	3.0	39.16	Average	54	Pass
NVNT	ax20	2412	Ant1	2389.443	-34.43	3.0	63.83	Peak	74	Pass
NVNT	ax20	2412	Ant1	2389.911	-50.83	3.0	47.43	Average	54	Pass
NVNT	ax20	2412	Ant1	2390	-42.93	3.0	55.33	Peak	74	Pass
NVNT	ax20	2412	Ant1	2390	-50.66	3.0	47.60	Average	54	Pass
NVNT	ax20	2462	Ant1	2483.5	-38.28	3.0	59.98	Peak	74	Pass
NVNT	ax20	2462	Ant1	2483.5	-47.4	3.0	50.86	Average	54	Pass
NVNT	ax20	2462	Ant1	2485.054	-27.7	3.0	70.56	Peak	74	Pass
NVNT	ax20	2462	Ant1	2483.517	-47.4	3.0	50.86	Average	54	Pass
NVNT	ax20	2462	Ant1	2500	-44.66	3.0	53.60	Peak	74	Pass
NVNT	ax20	2462	Ant1	2500	-55.29	3.0	42.97	Average	54	Pass
NVNT	ax40	2422	Ant1	2310	-47.91	3.0	50.35	Peak	74	Pass
NVNT	ax40	2422	Ant1	2310	-58.72	3.0	39.54	Average	54	Pass
NVNT	ax40	2422	Ant1	2384.408	-36.61	3.0	61.65	Peak	74	Pass
NVNT	ax40	2422	Ant1	2389.946	-50.39	3.0	47.87	Average	54	Pass
NVNT	ax40	2422	Ant1	2390	-42.21	3.0	56.05	Peak	74	Pass
NVNT	ax40	2422	Ant1	2390	-50.39	3.0	47.87	Average	54	Pass
NVNT	ax40	2452	Ant1	2483.5	-39.74	3.0	58.52	Peak	74	Pass
NVNT	ax40	2452	Ant1	2483.5	-48.67	3.0	49.59	Average	54	Pass
NVNT	ax40	2452	Ant1	2487.676	-35.69	3.0	62.57	Peak	74	Pass
NVNT	ax40	2452	Ant1	2486.35	-48.55	3.0	49.71	Average	54	Pass
NVNT	ax40	2452	Ant1	2500	-38.37	3.0	59.89	Peak	74	Pass
NVNT	ax40	2452	Ant1	2500	-51.52	3.0	46.74	Average	54	Pass

MIMO

Mode	Frequency (MHz)	Spur Freq (MHz)	Result [dBm]			Result [dBuV/m]	Detector	Limit (dBuV/m)	Verdict
			ANT0	ANT1	MIMO				
n20	2412	2310	-50.12	-49.87	-46.98	48.27	Peak	74	Pass
n20	2412	2310	-59.26	-58.93	-56.08	39.18	Average	54	Pass
n20	2412	2389.209	-42.07	-26.55	-26.43	68.83	Peak	74	Pass
n20	2412	2389.911	-54.33	-46.71	-46.02	49.24	Average	54	Pass
n20	2412	2390	-44.47	-30.65	-30.47	64.78	Peak	74	Pass
n20	2412	2390	-54.33	-46.56	-45.89	49.37	Average	54	Pass
n20	2462	2483.5	-39.17	-34.79	-33.44	61.82	Peak	74	Pass
n20	2462	2483.5	-50.96	-44.87	-43.91	51.34	Average	54	Pass
n20	2462	2483.57	-37.91	-25.07	-24.85	70.41	Peak	74	Pass
n20	2462	2483.517	-50.96	-44.87	-43.91	51.34	Average	54	Pass
n20	2462	2500	-45.83	-43.19	-41.30	53.96	Peak	74	Pass
n20	2462	2500	-56.78	-53.45	-51.79	43.46	Average	54	Pass
n40	2422	2310	-50.31	-48.87	-46.52	48.74	Peak	74	Pass
n40	2422	2310	-58.9	-58.54	-55.71	39.55	Average	54	Pass
n40	2422	2389.662	-30.36	-30.2	-27.27	67.99	Peak	74	Pass
n40	2422	2389.52	-50.61	-49.53	-47.03	48.23	Average	54	Pass
n40	2422	2390	-39.55	-38.25	-35.84	59.42	Peak	74	Pass
n40	2422	2390	-51.02	-49.53	-47.20	48.06	Average	54	Pass
n40	2452	2483.5	-35.24	-39.97	-33.98	61.28	Peak	74	Pass
n40	2452	2483.5	-44.79	-49.47	-43.52	51.74	Average	54	Pass
n40	2452	2483.932	-27.11	-29.05	-24.96	70.30	Peak	74	Pass
n40	2452	2483.542	-44.78	-48.99	-43.38	51.87	Average	54	Pass
n40	2452	2500	-35.97	-42.66	-35.13	60.13	Peak	74	Pass
n40	2452	2500	-51.26	-51.23	-48.23	47.02	Average	54	Pass
ax20	2412	2310	-49.2	-51.16	-47.06	48.20	Peak	74	Pass
ax20	2412	2310	-59.02	-59.1	-56.05	39.21	Average	54	Pass
ax20	2412	2388.858	-32.35	-34.43	-30.26	65.00	Peak	74	Pass
ax20	2412	2389.911	-48.8	-50.83	-46.69	48.57	Average	54	Pass
ax20	2412	2390	-36.71	-42.93	-35.78	59.48	Peak	74	Pass
ax20	2412	2390	-48.81	-50.66	-46.63	48.63	Average	54	Pass
ax20	2462	2483.5	-23.57	-38.28	-23.43	71.83	Peak	74	Pass
ax20	2462	2483.5	-45.32	-47.4	-43.23	52.03	Average	54	Pass
ax20	2462	2483.517	-23.57	-27.7	-22.15	73.11	Peak	74	Pass
ax20	2462	2483.57	-45.28	-47.4	-43.20	52.06	Average	54	Pass
ax20	2462	2500	-47.67	-44.66	-42.90	52.36	Peak	74	Pass
ax20	2462	2500	-54.48	-55.29	-51.86	43.40	Average	54	Pass
ax40	2422	2310	-50.42	-47.91	-45.98	49.28	Peak	74	Pass

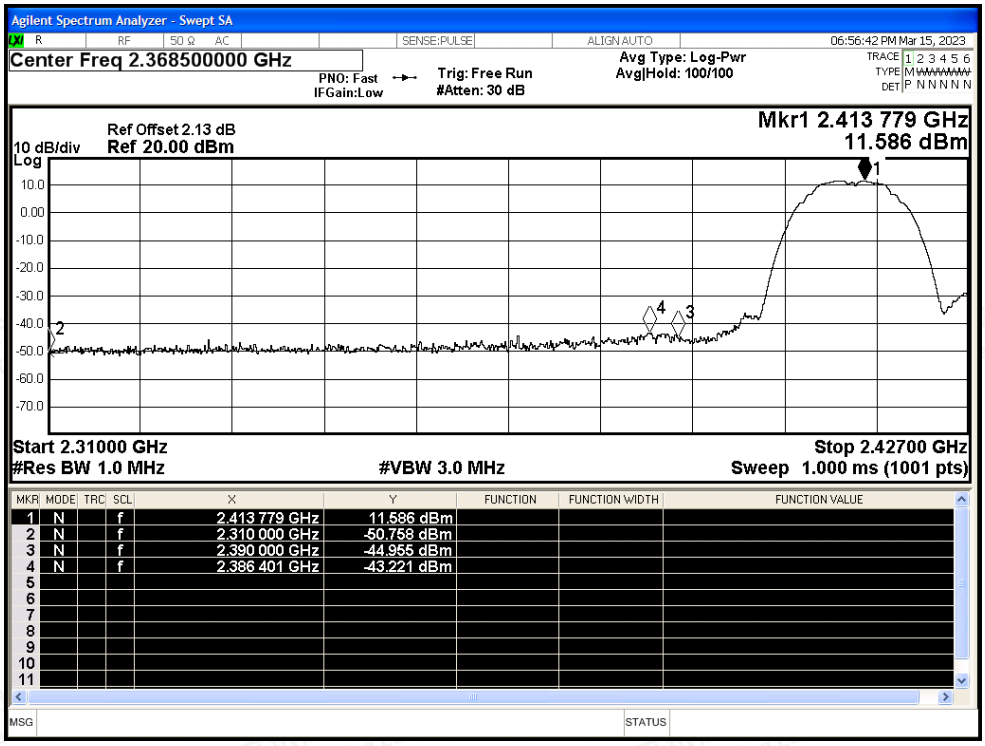
ax40	2422	2310	-58.64	-58.72	-55.67	39.59	Average	54	Pass
ax40	2422	2389.52	-27.51	-36.61	-27.01	68.25	Peak	74	Pass
ax40	2422	2389.094	-49.5	-50.39	-46.91	48.35	Average	54	Pass
ax40	2422	2390	-28.3	-42.21	-28.13	67.13	Peak	74	Pass
ax40	2422	2390	-49.67	-50.39	-47.00	48.25	Average	54	Pass
ax40	2452	2483.5	-38.31	-39.74	-35.96	59.30	Peak	74	Pass
ax40	2452	2483.5	-47.9	-48.67	-45.26	50.00	Average	54	Pass
ax40	2452	2485.102	-34.96	-35.69	-32.30	62.96	Peak	74	Pass
ax40	2452	2483.542	-47.69	-48.55	-45.09	50.17	Average	54	Pass
ax40	2452	2500	-44.17	-38.37	-37.36	57.90	Peak	74	Pass
ax40	2452	2500	-53.23	-51.52	-49.28	45.98	Average	54	Pass

Note：

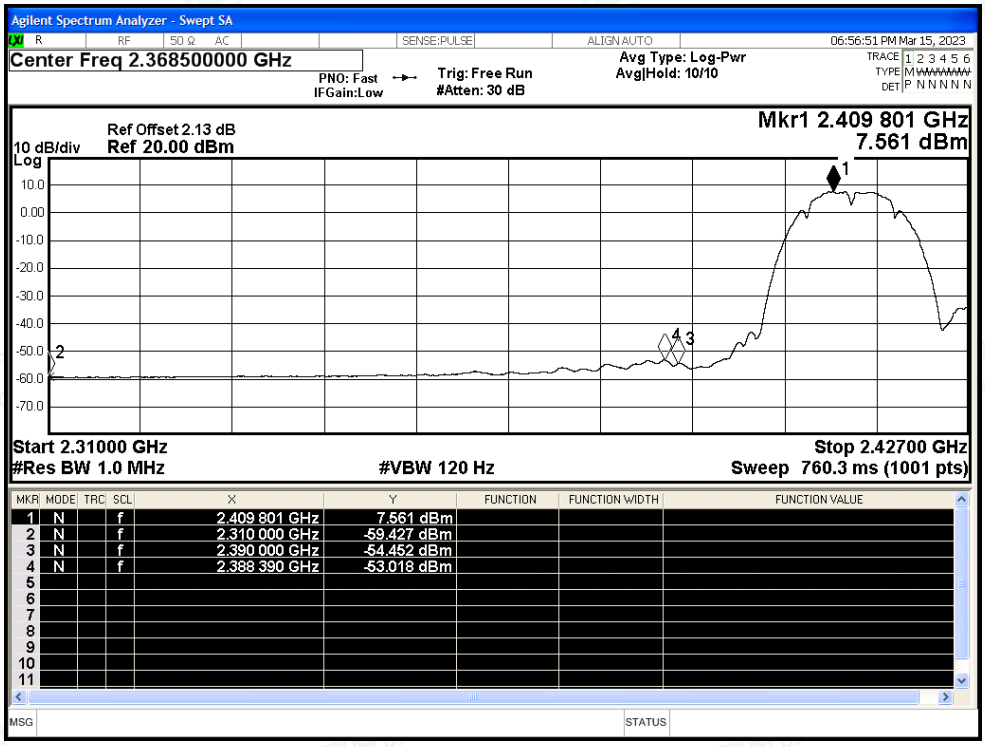
1. The Antenna Gain is compensated in the graph.
2. The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

Test Graphs

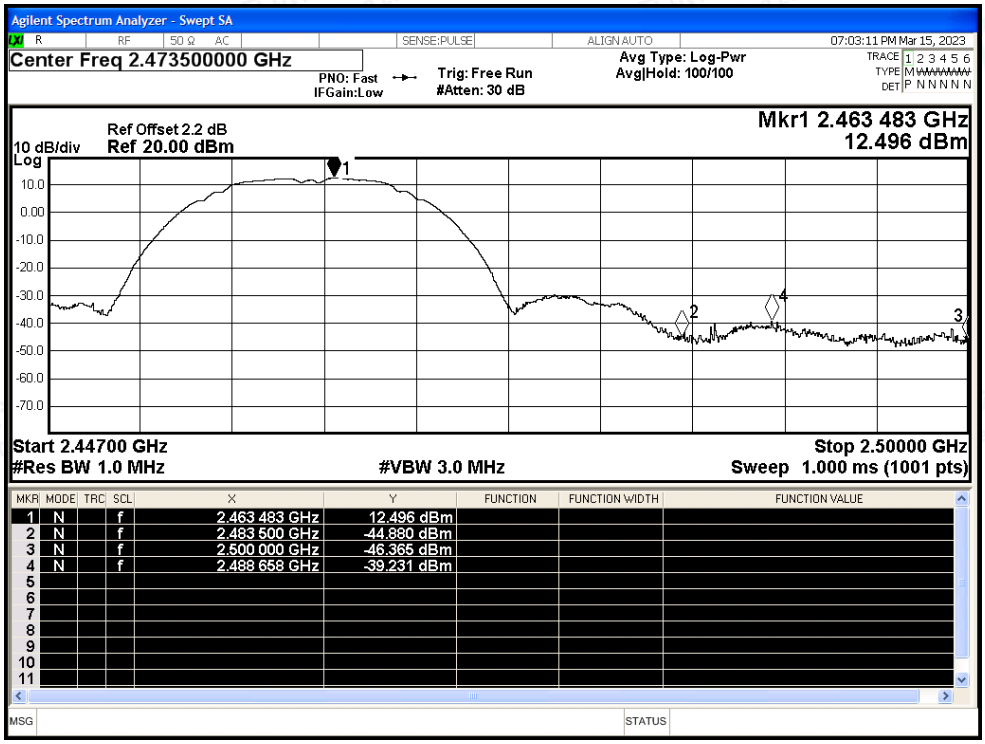
Restrict Band NVNT b 2412MHz Ant0 Peak



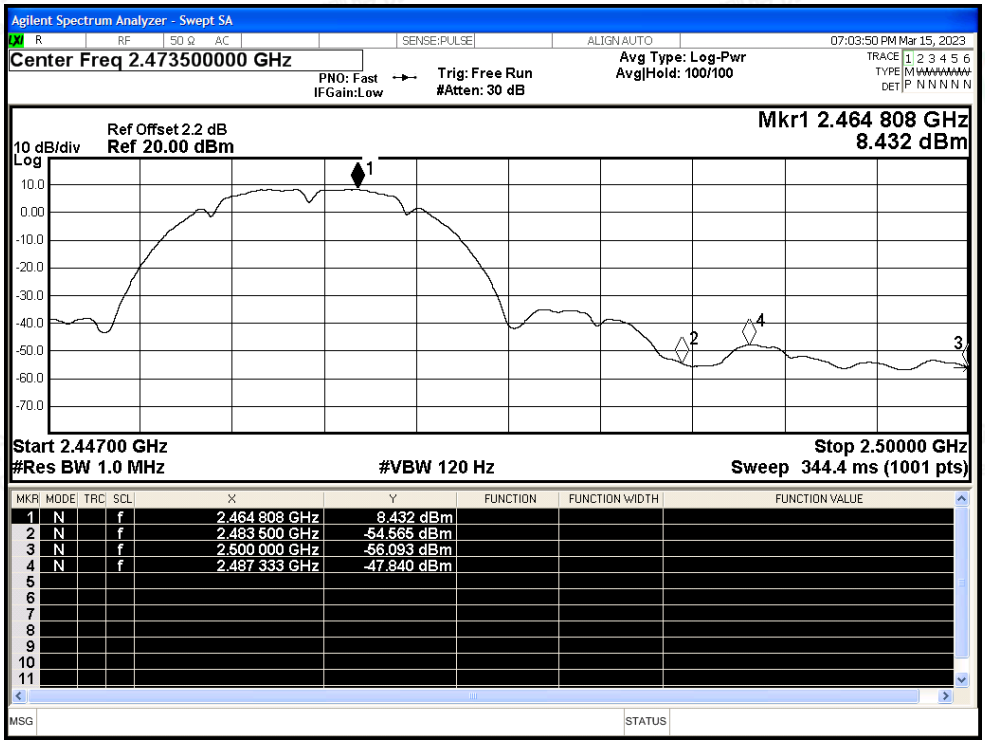
Restrict Band NVNT b 2412MHz Ant0 Average



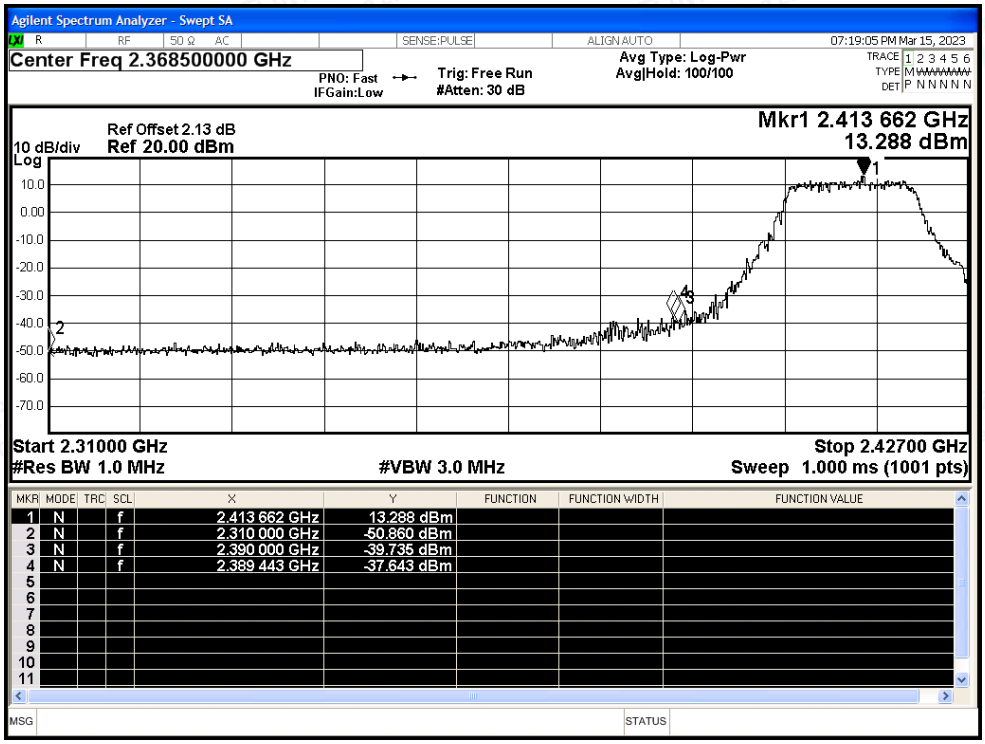
Restrict Band NVNT b 2462MHz Ant0 Peak



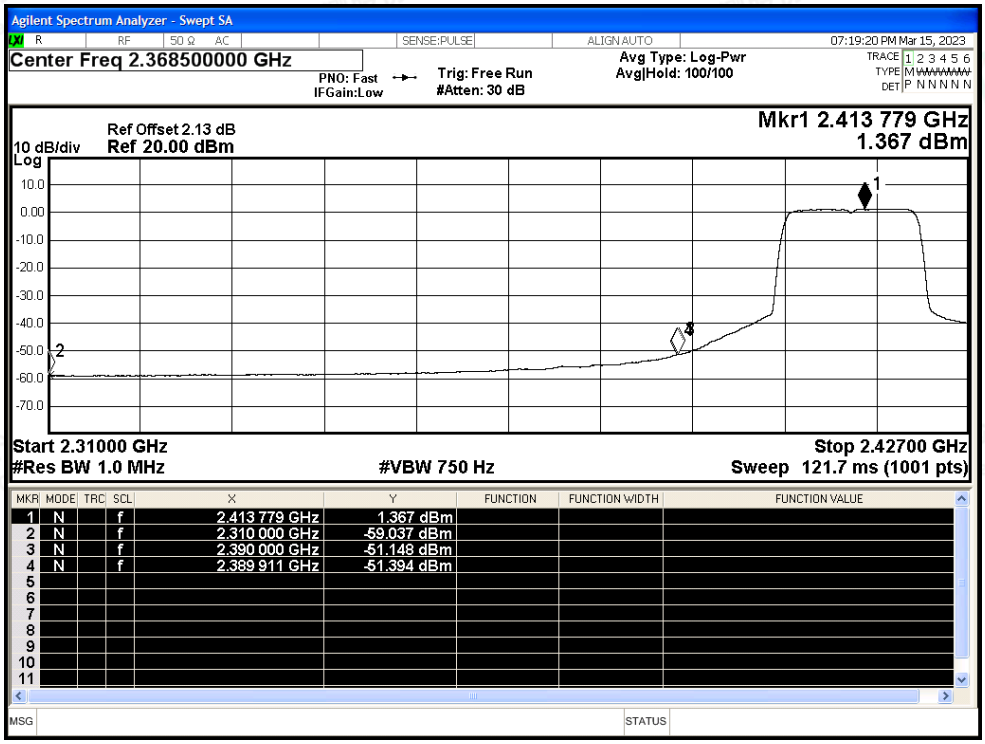
Restrict Band NVNT b 2462MHz Ant0 Average



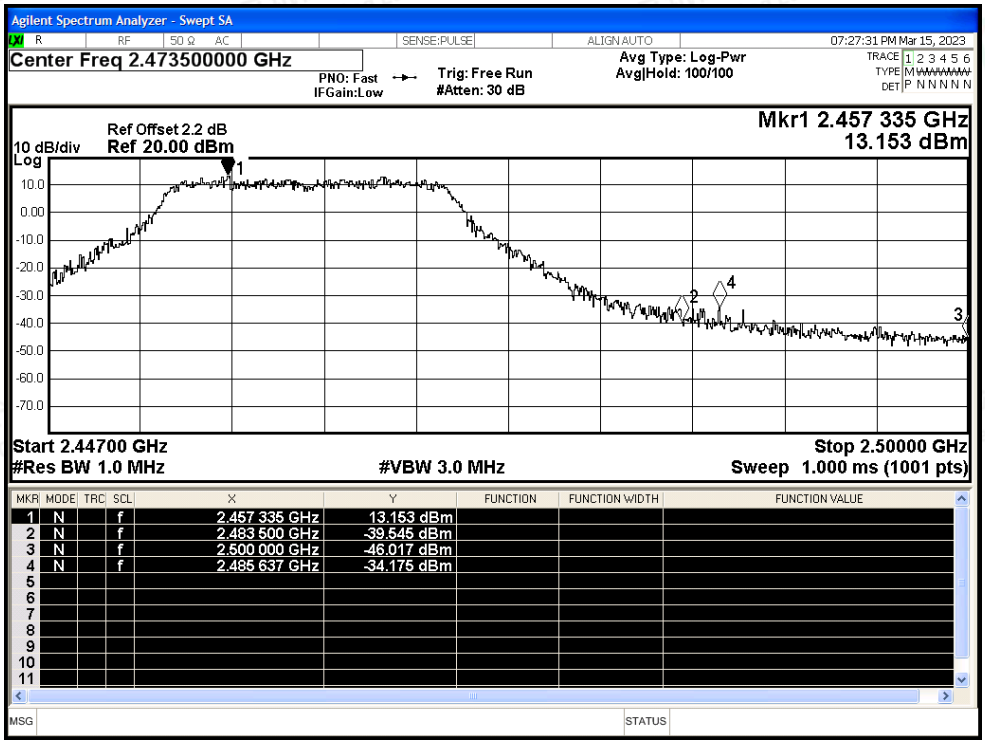
Restrict Band NVNT g 2412MHz Ant0 Peak



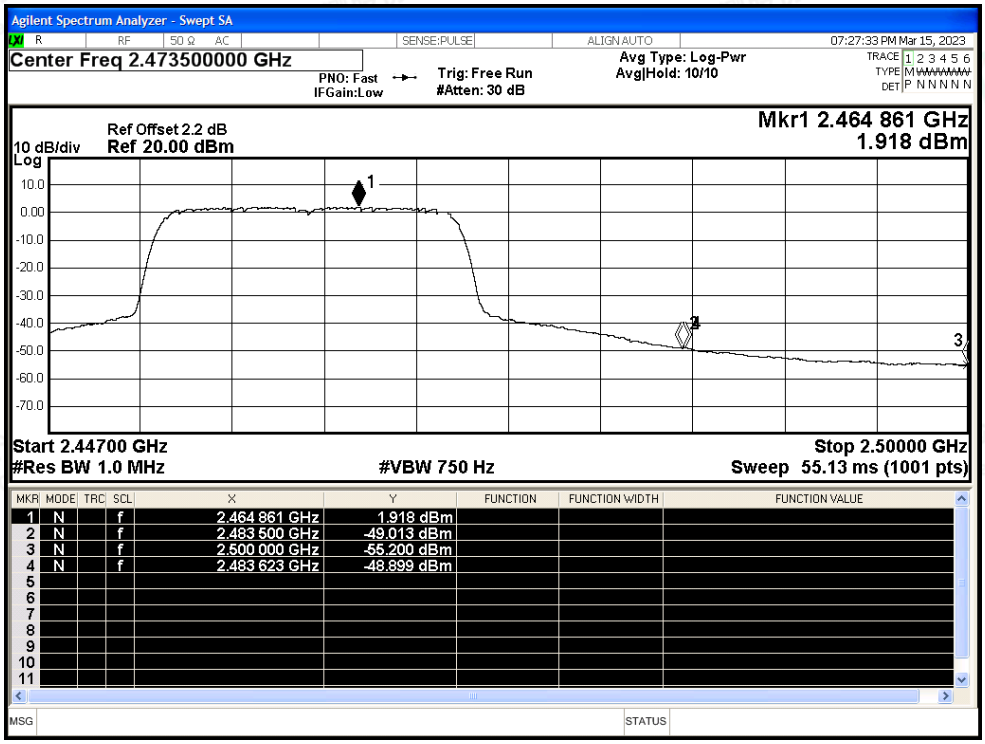
Restrict Band NVNT g 2412MHz Ant0 Average



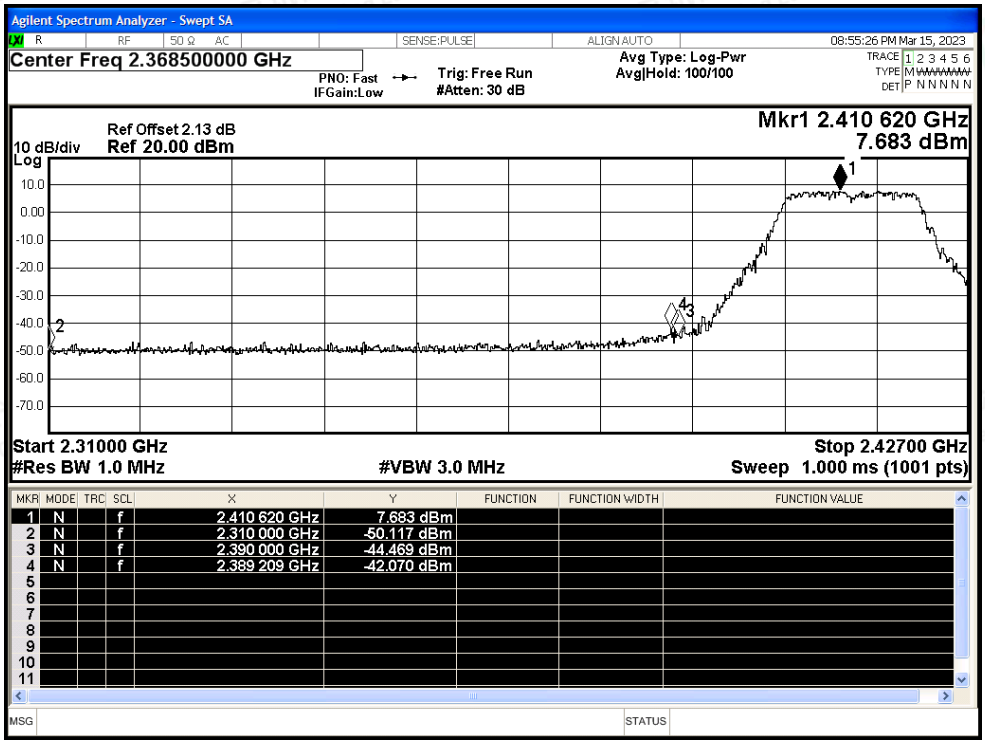
Restrict Band NVNT g 2462MHz Ant0 Peak



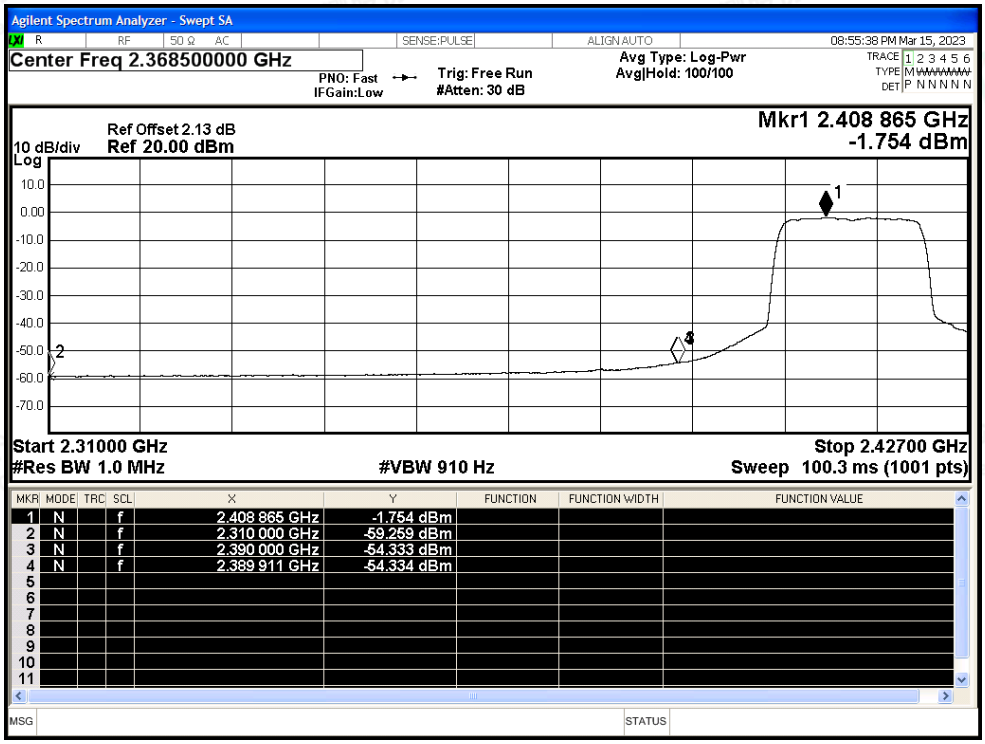
Restrict Band NVNT g 2462MHz Ant0 Average



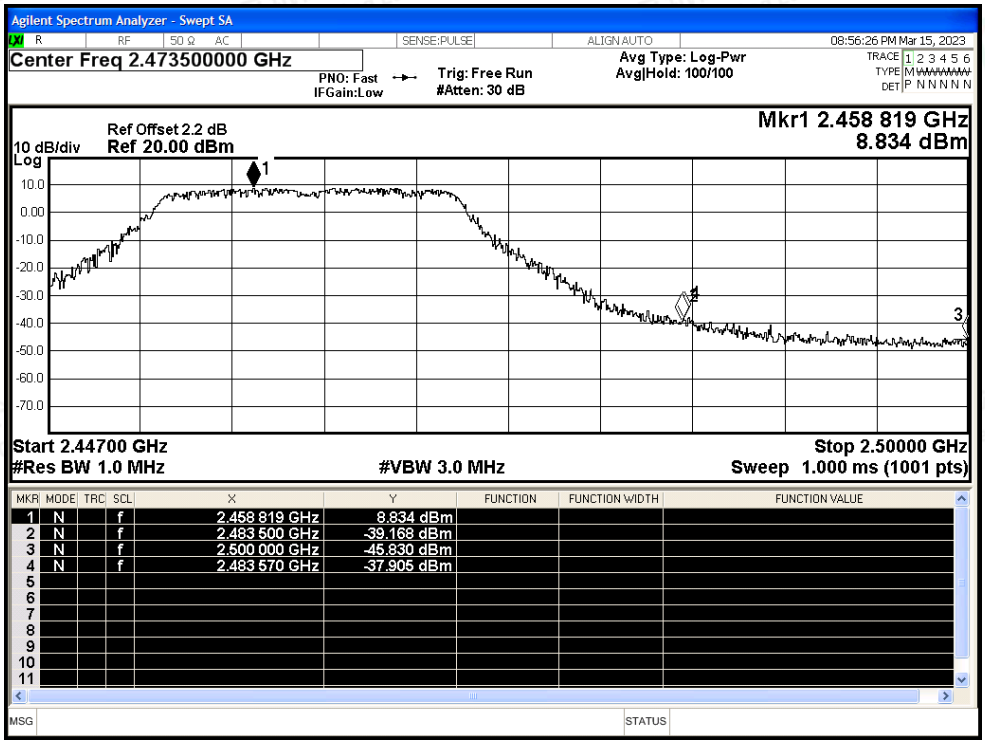
Restrict Band NVNT n20 2412MHz Ant0 Peak



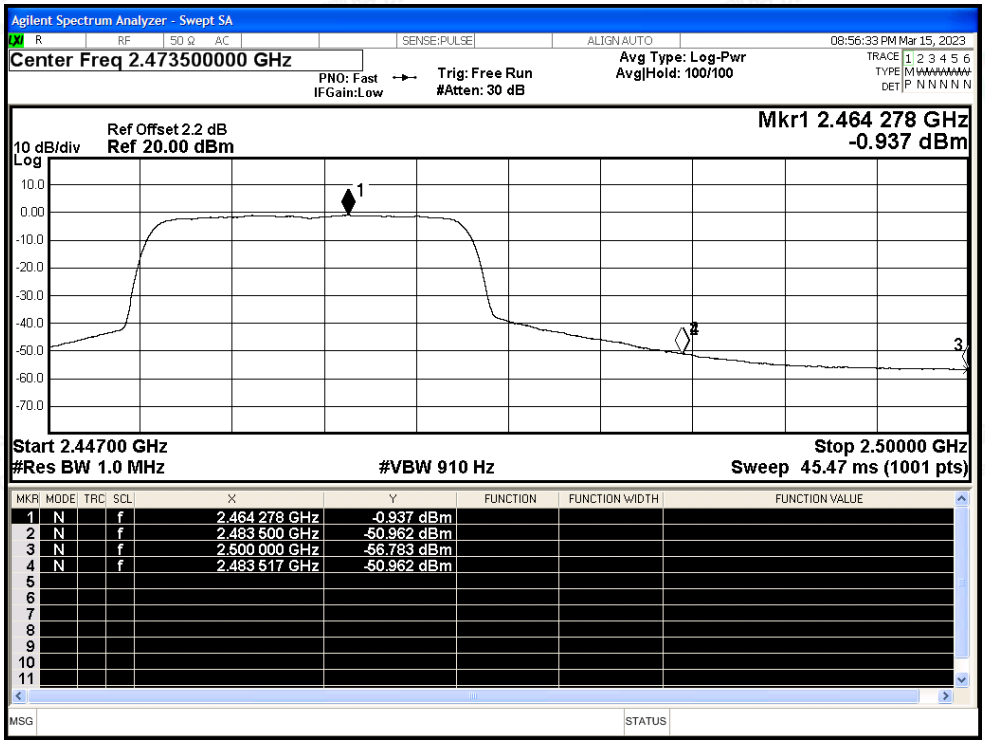
Restrict Band NVNT n20 2412MHz Ant0 Average



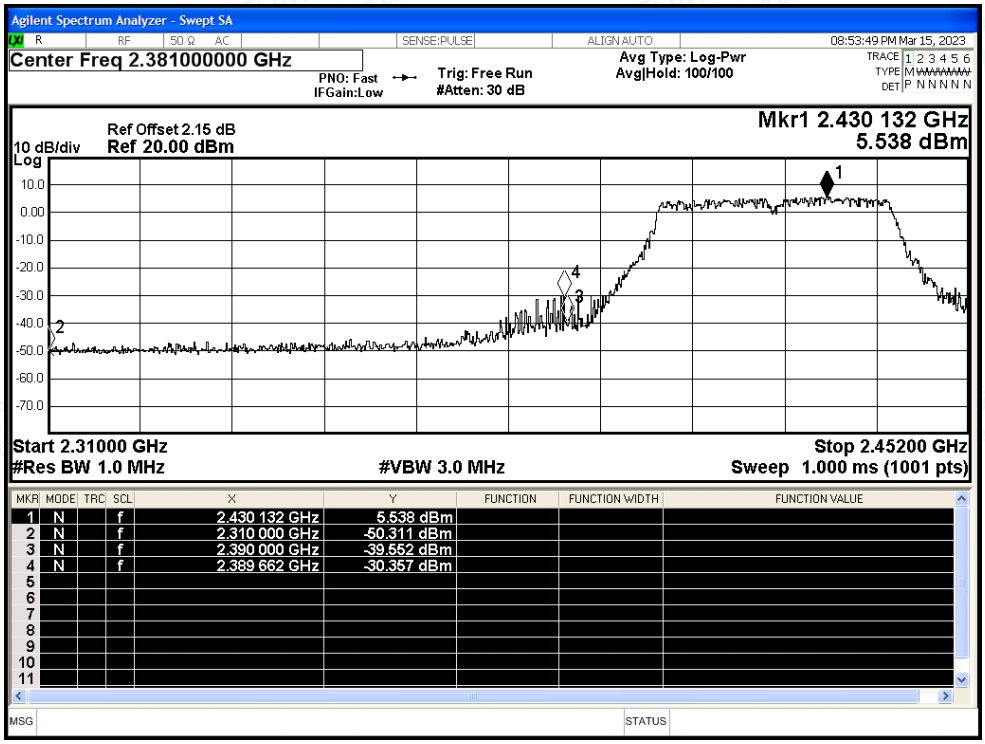
Restrict Band NVNT n20 2462MHz Ant0 Peak



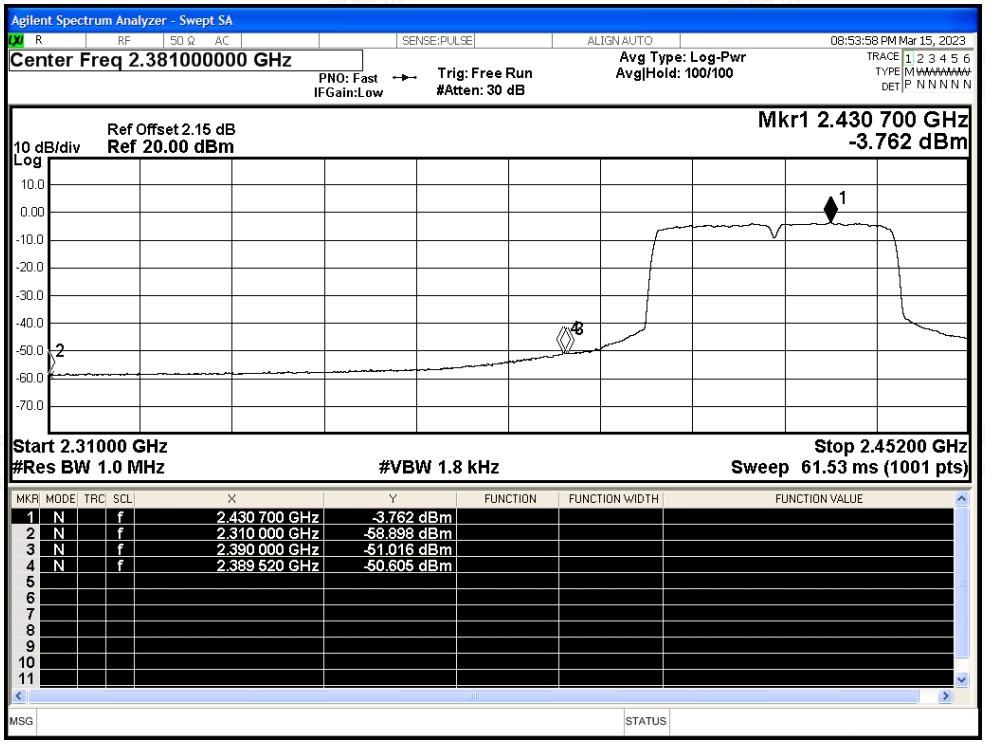
Restrict Band NVNT n20 2462MHz Ant0 Average



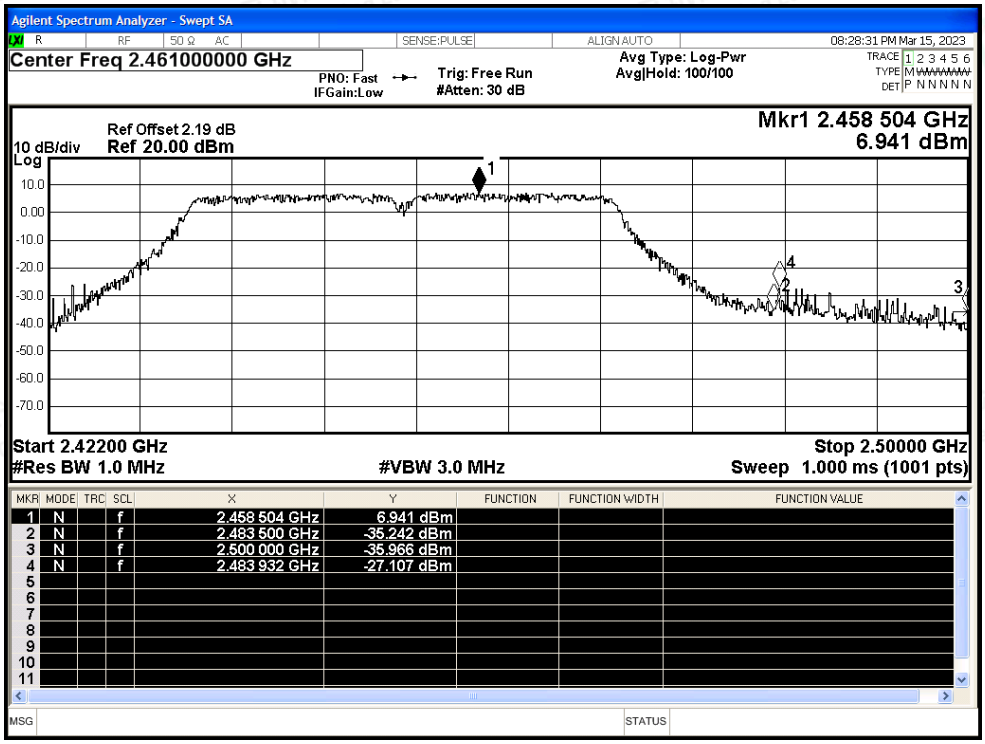
Restrict Band NVNT n40 2422MHz Ant0 Peak



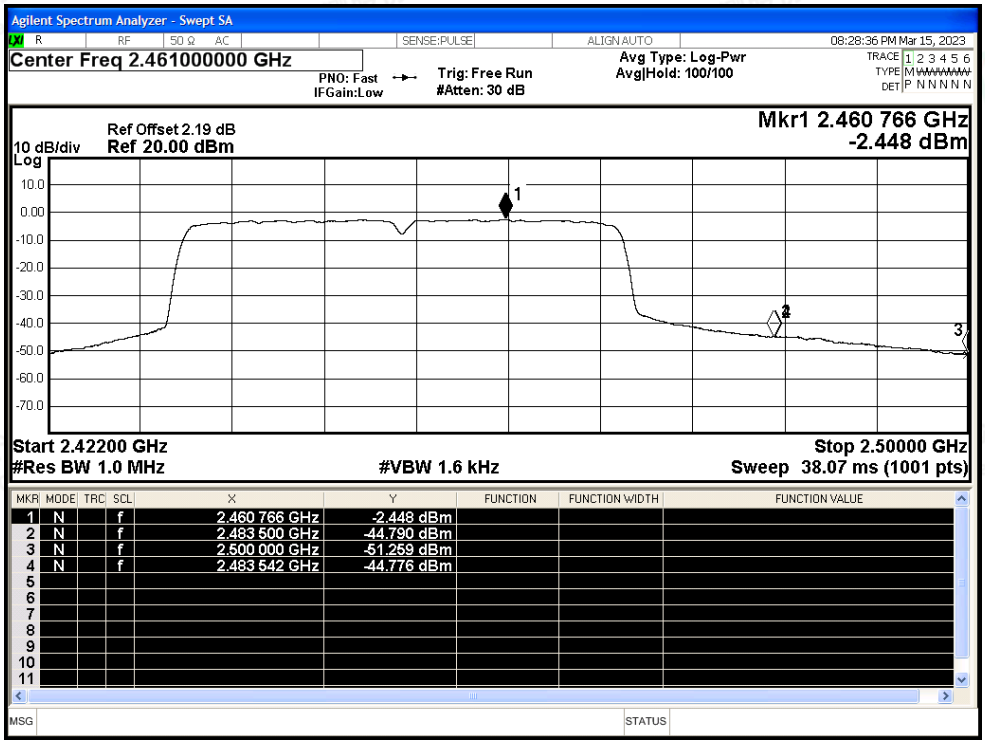
Restrict Band NVNT n40 2422MHz Ant0 Average



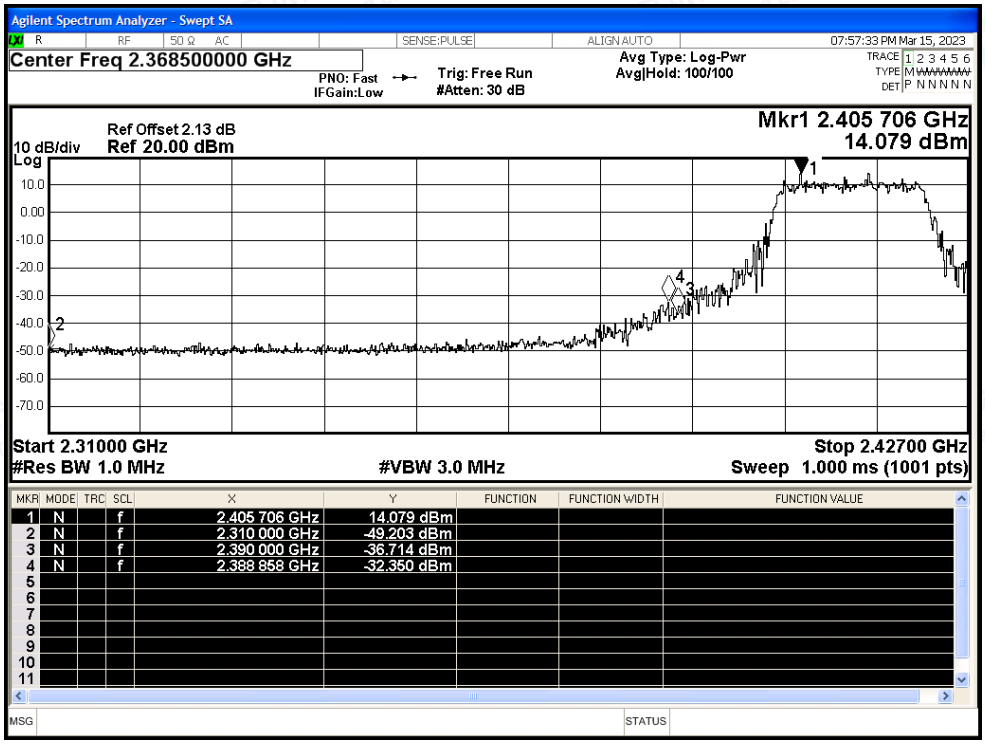
Restrict Band NVNT n40 2452MHz Ant0 Peak



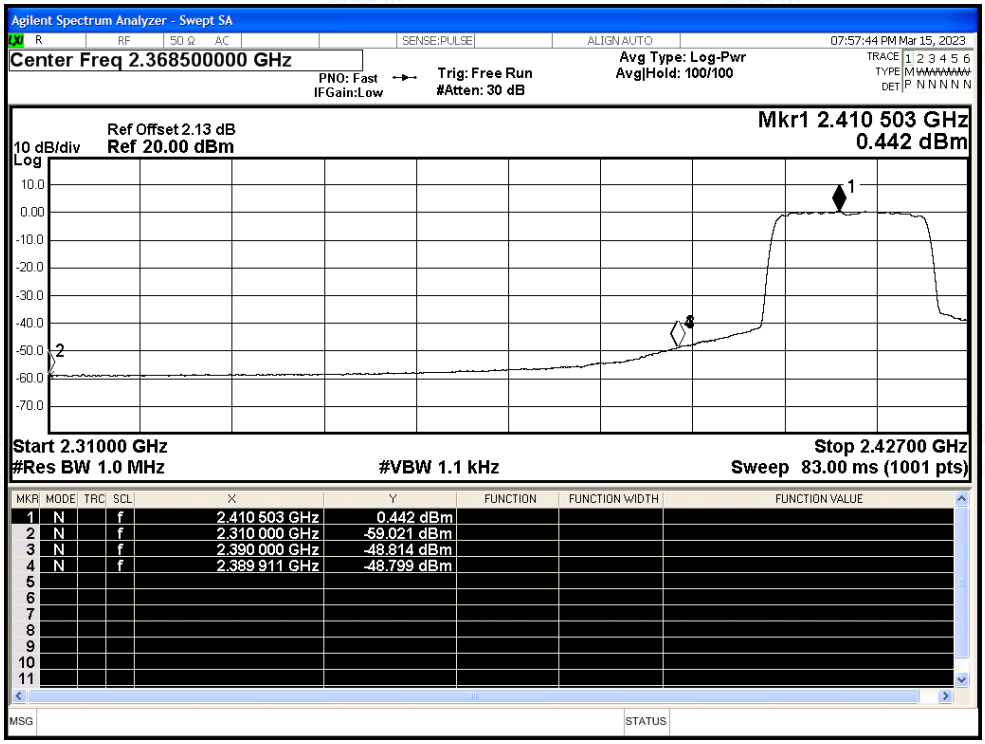
Restrict Band NVNT n40 2452MHz Ant0 Average



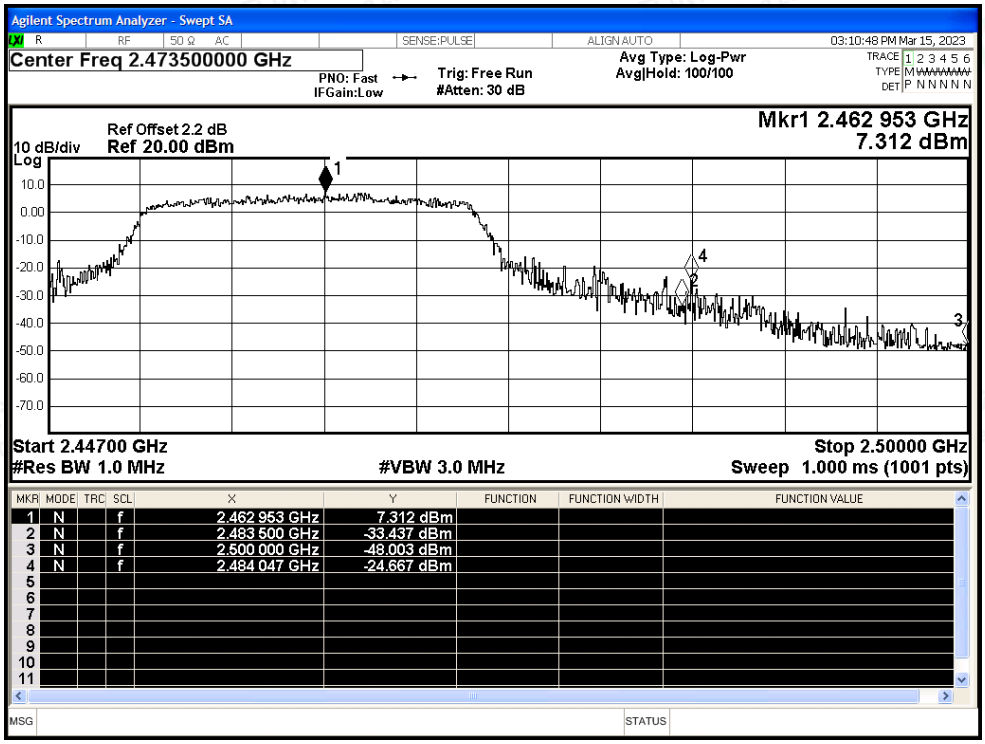
Restrict Band NVNT ax20 2412MHz Ant0 Peak



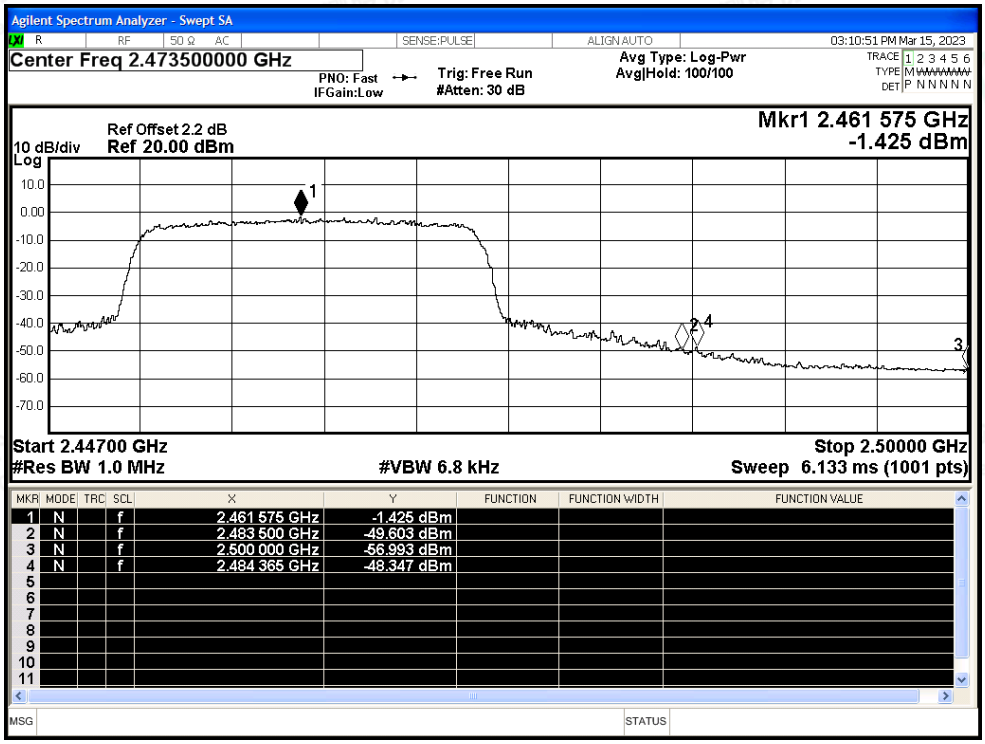
Restrict Band NVNT ax20 2412MHz Ant0 Average



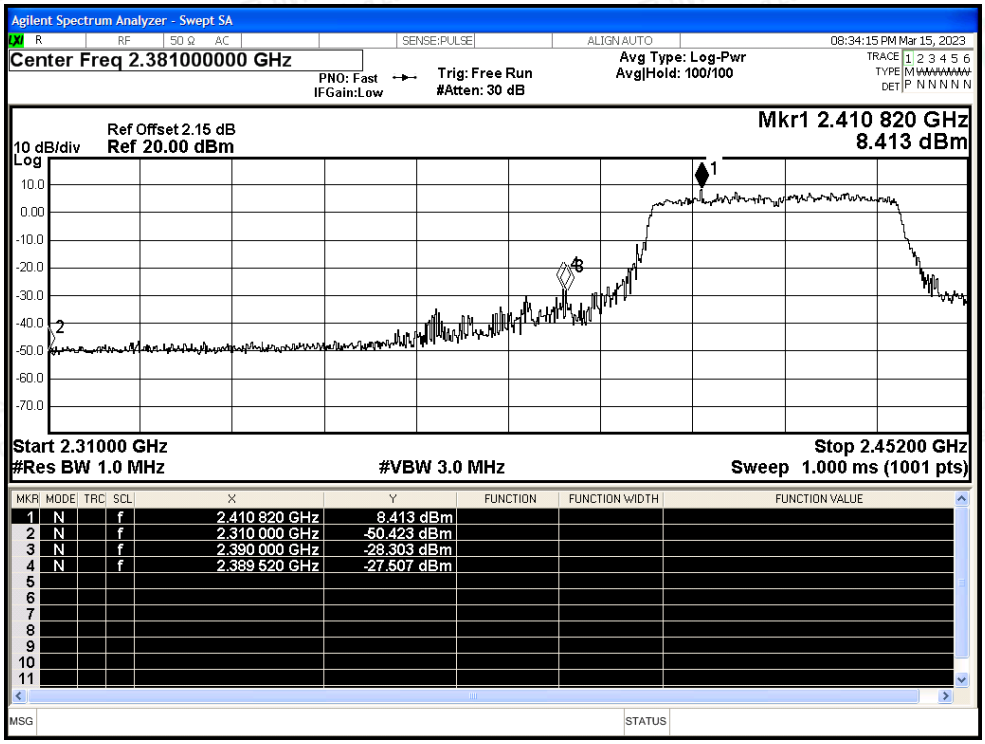
Restrict Band NVNT ax20 2462MHz Ant0 Peak



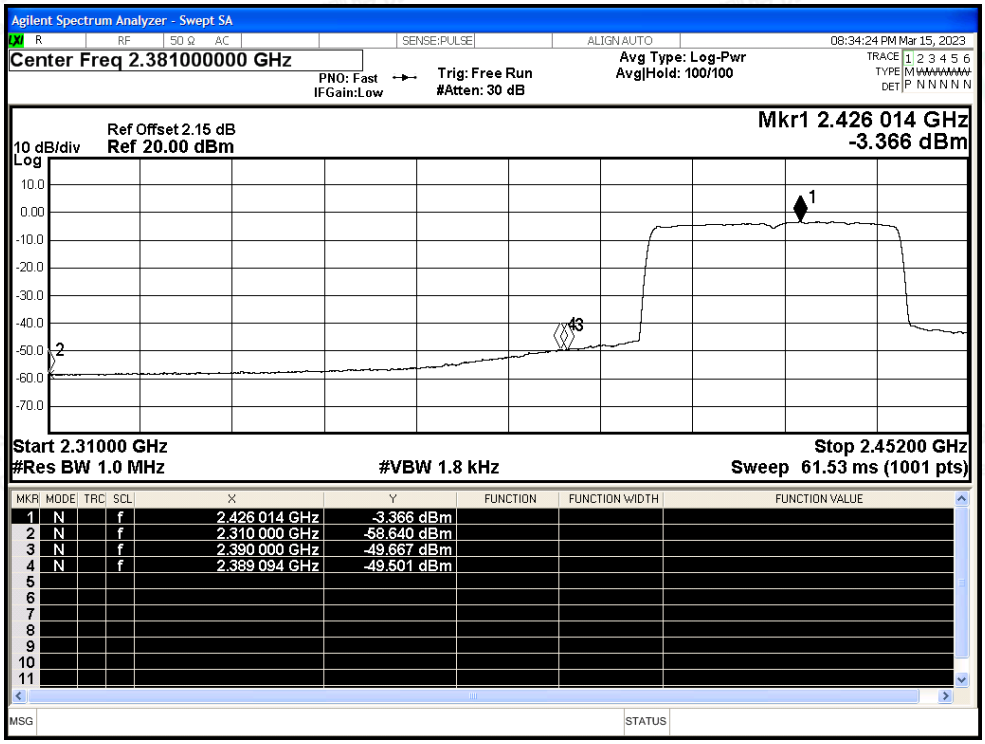
Restrict Band NVNT ax20 2462MHz Ant0 Average



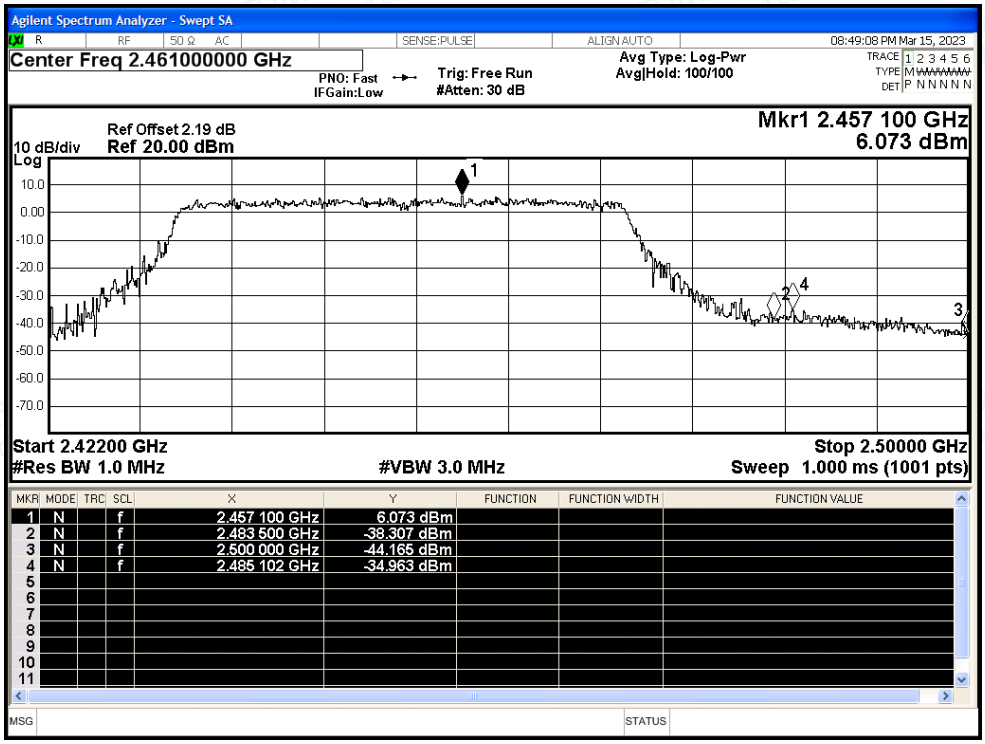
Restrict Band NVNT ax40 2422MHz Ant0 Peak



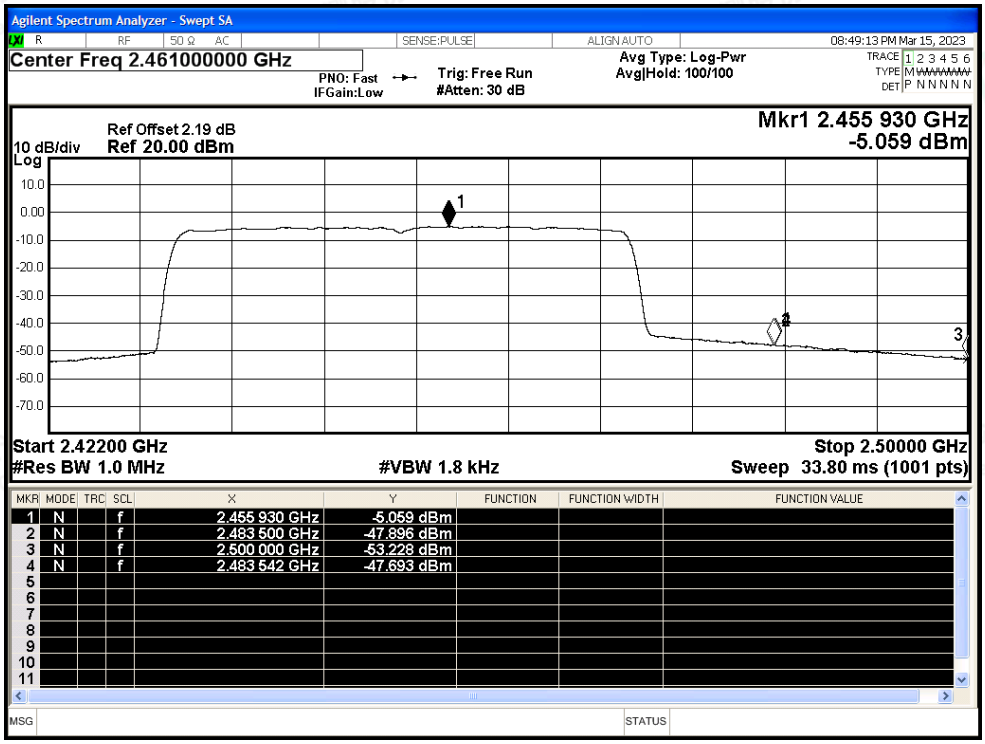
Restrict Band NVNT ax40 2422MHz Ant0 Average



Restrict Band NVNT ax40 2452MHz Ant0 Peak

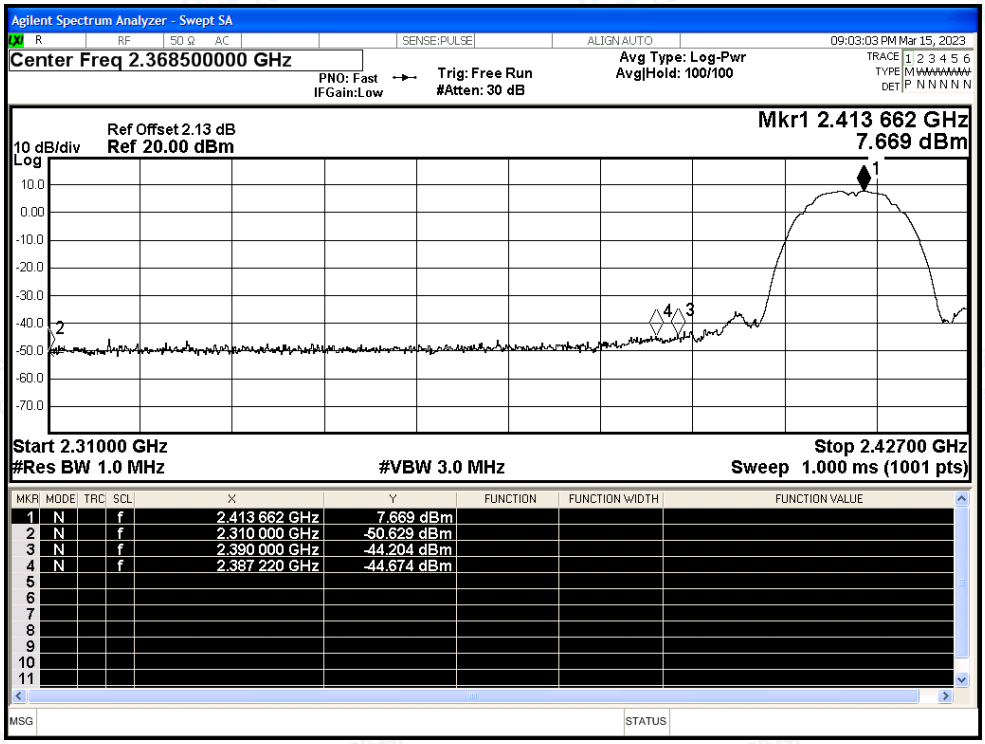


Restrict Band NVNT ax40 2452MHz Ant0 Average

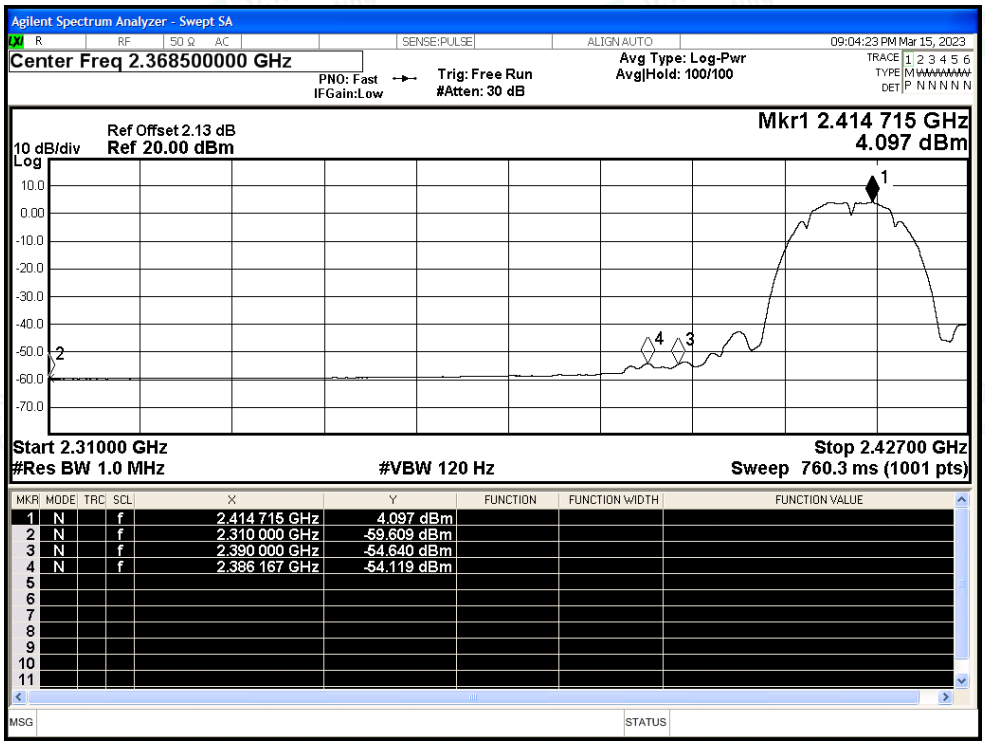


Test Graphs

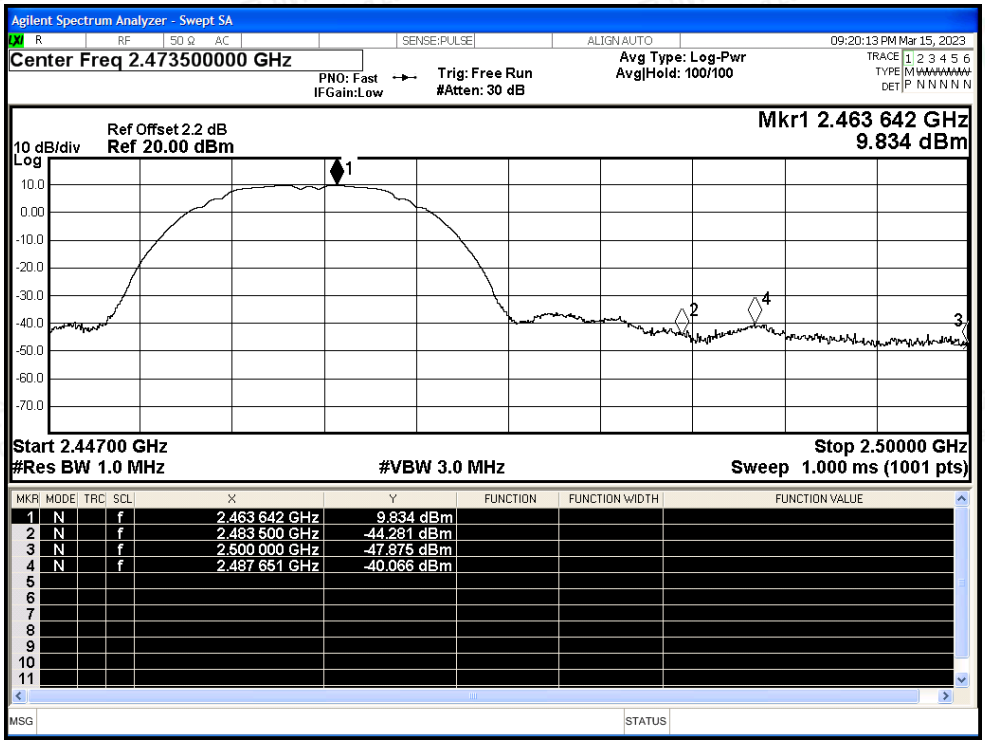
Restrict Band NVNT b 2412MHz Ant1 Peak



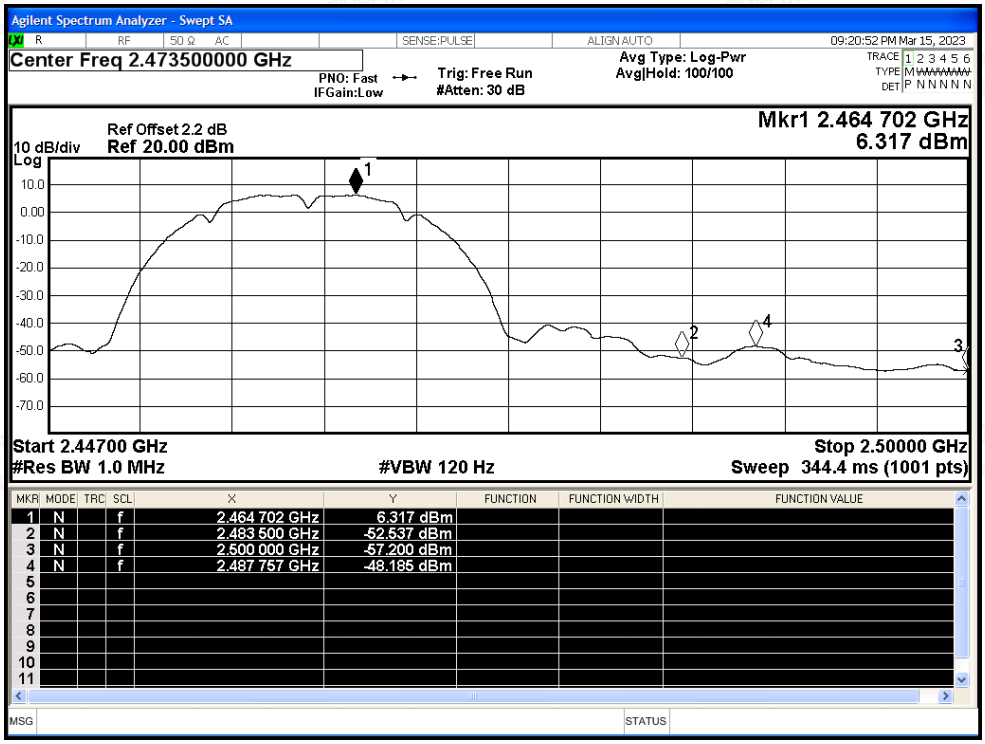
Restrict Band NVNT b 2412MHz Ant1 Average



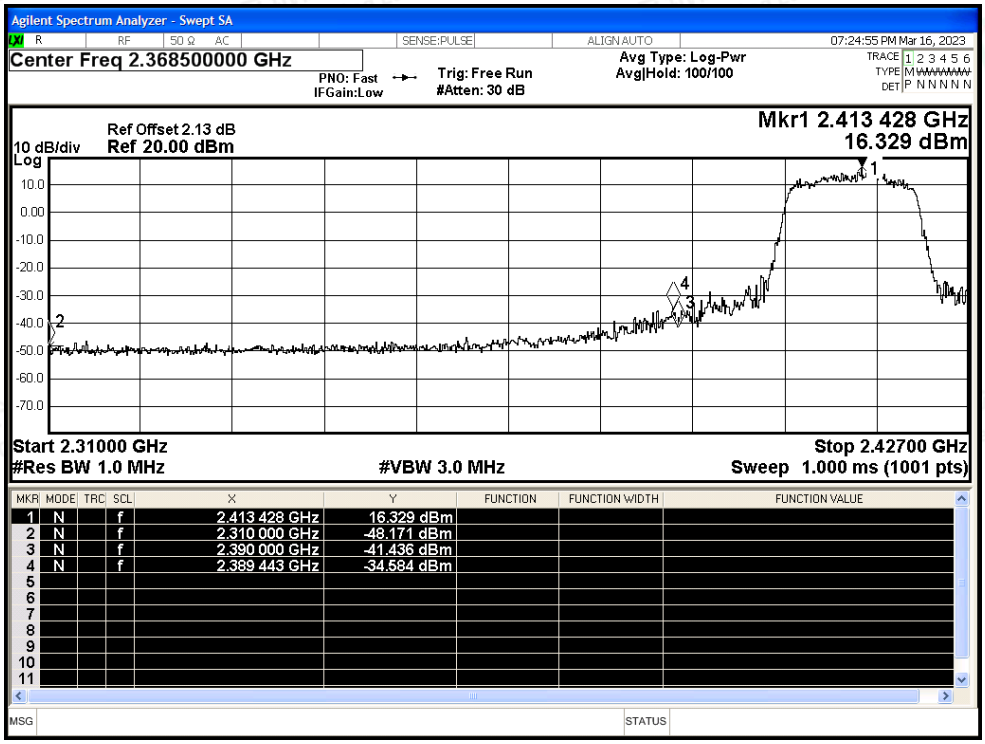
Restrict Band NVNT b 2462MHz Ant1 Peak



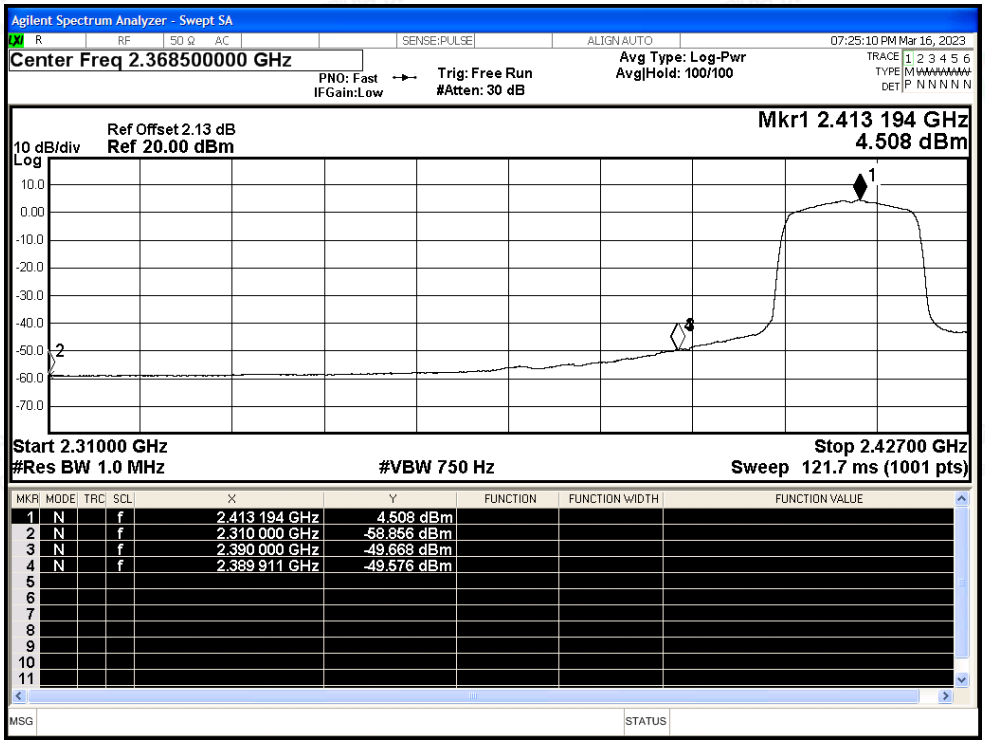
Restrict Band NVNT b 2462MHz Ant1 Average



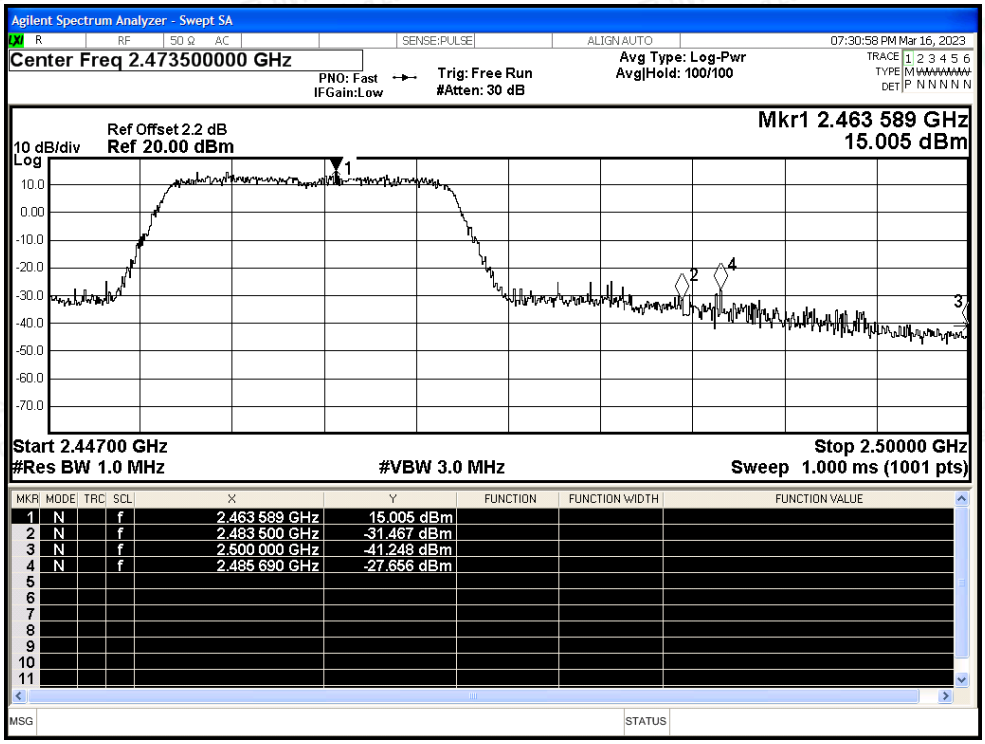
Restrict Band NVNT g 2412MHz Ant1 Peak



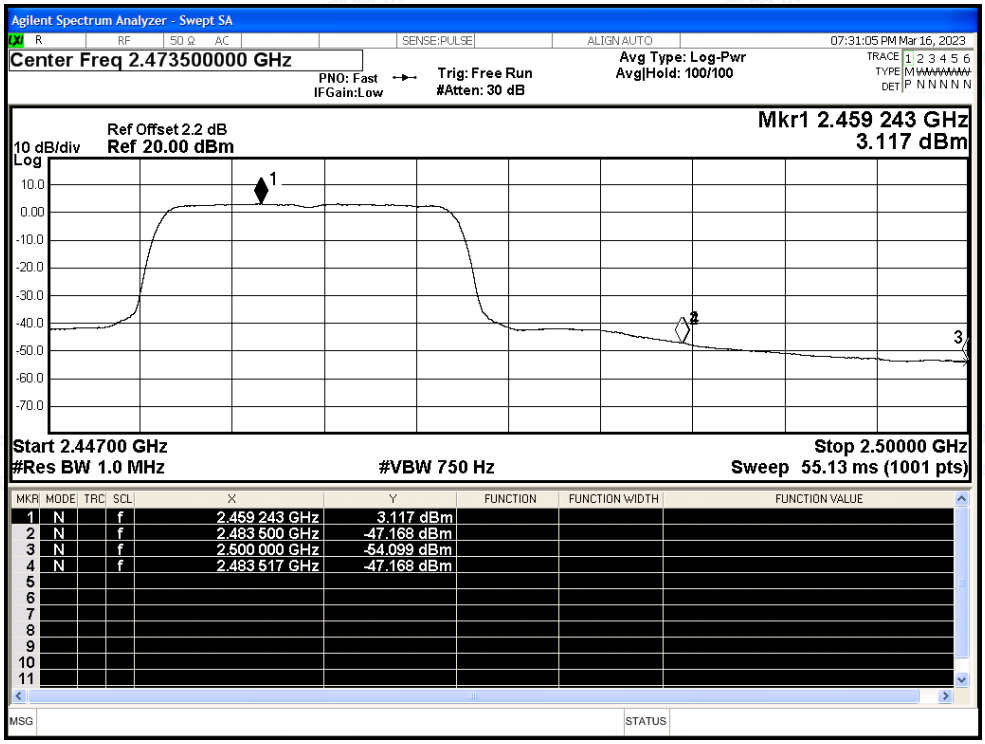
Restrict Band NVNT g 2412MHz Ant1 Average



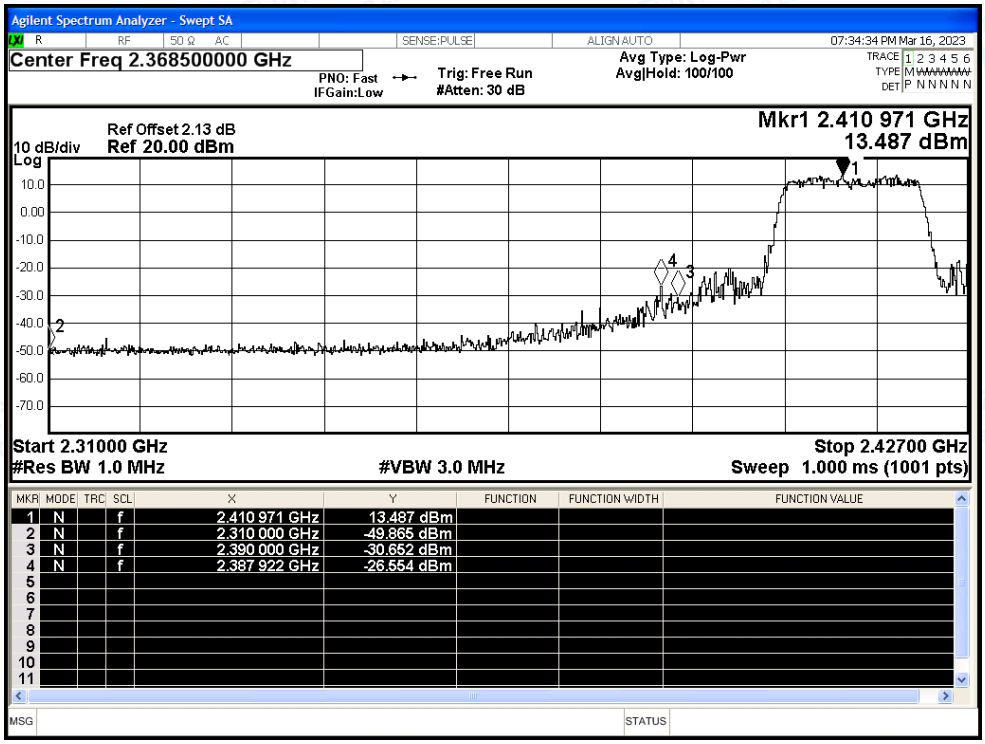
Restrict Band NVNT g 2462MHz Ant1 Peak



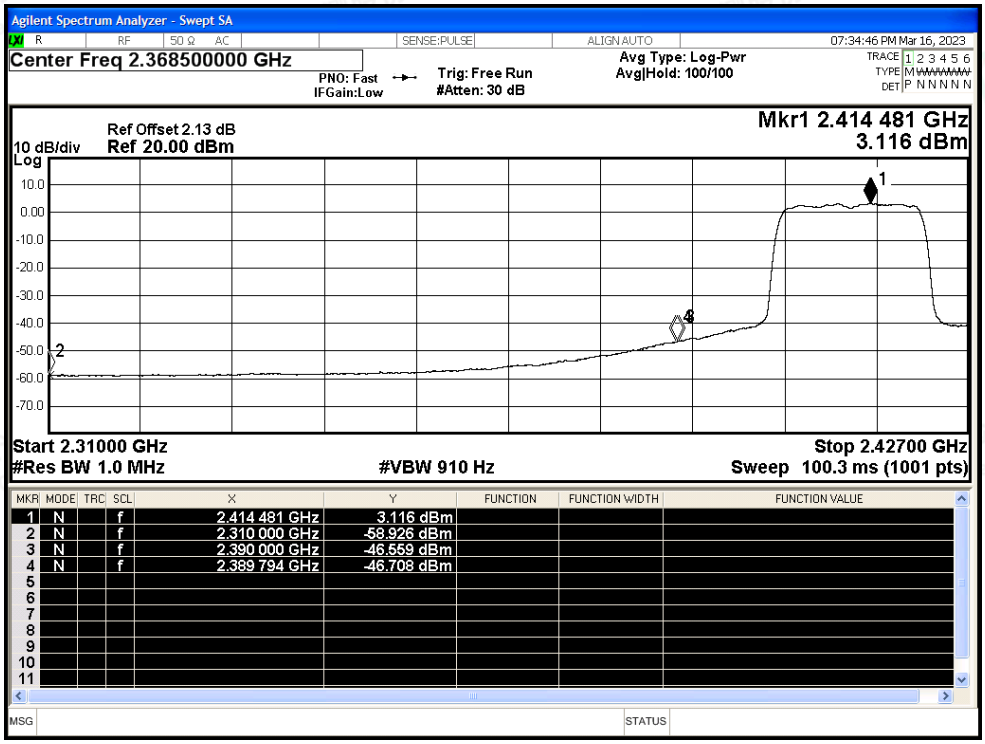
Restrict Band NVNT g 2462MHz Ant1 Average



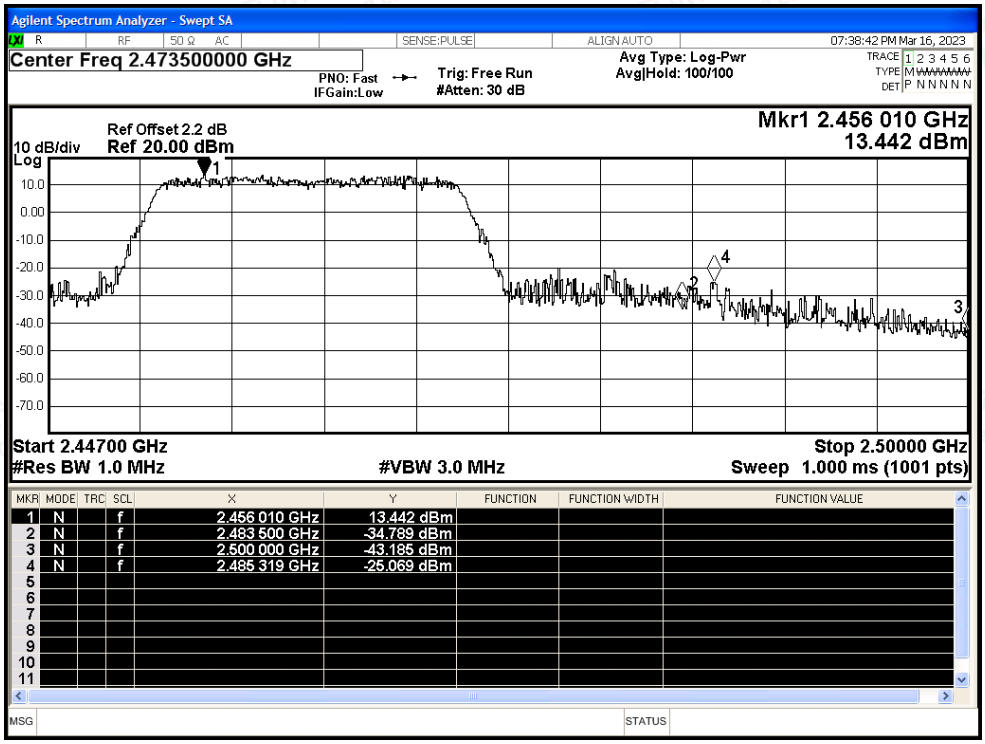
Restrict Band NVNT n20 2412MHz Ant1 Peak



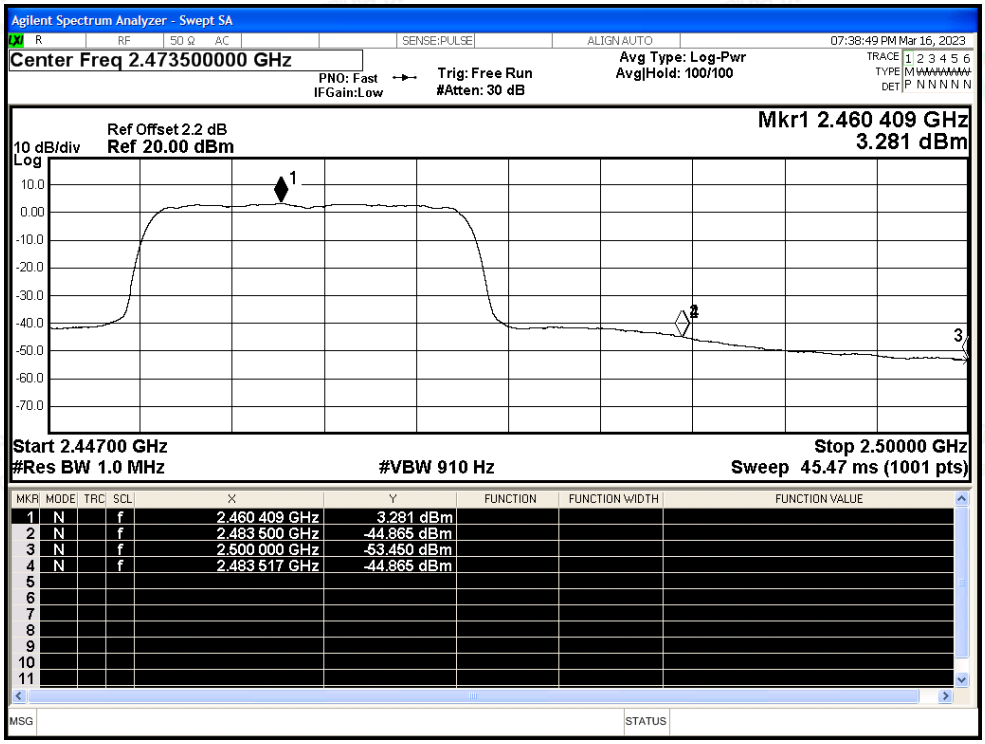
Restrict Band NVNT n20 2412MHz Ant1 Average



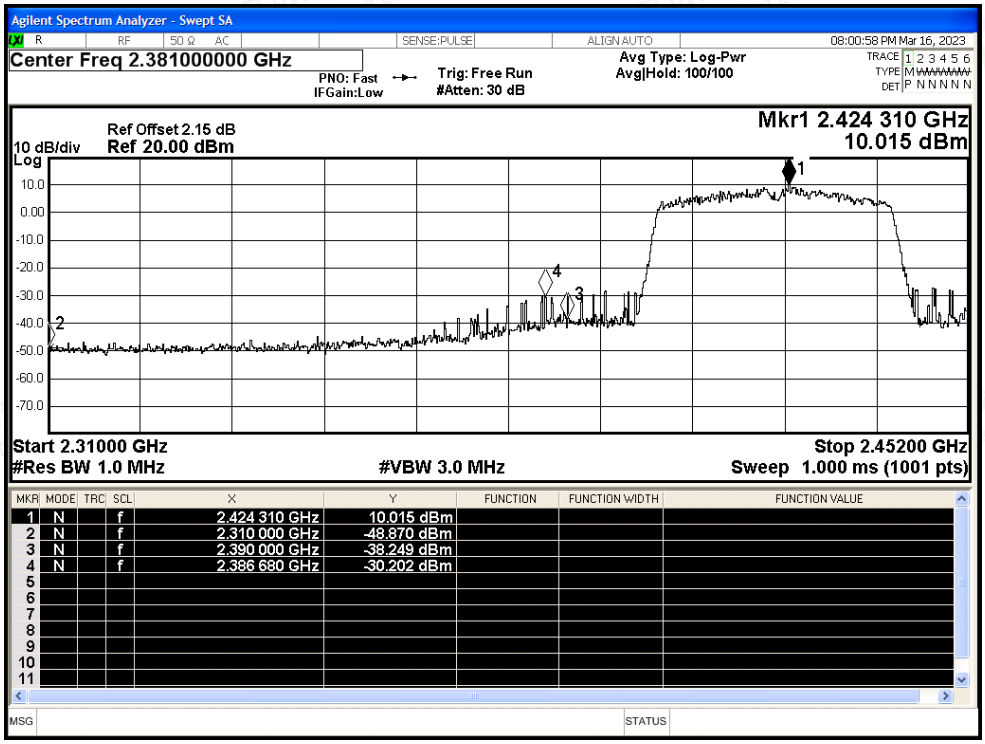
Restrict Band NVNT n20 2462MHz Ant1 Peak



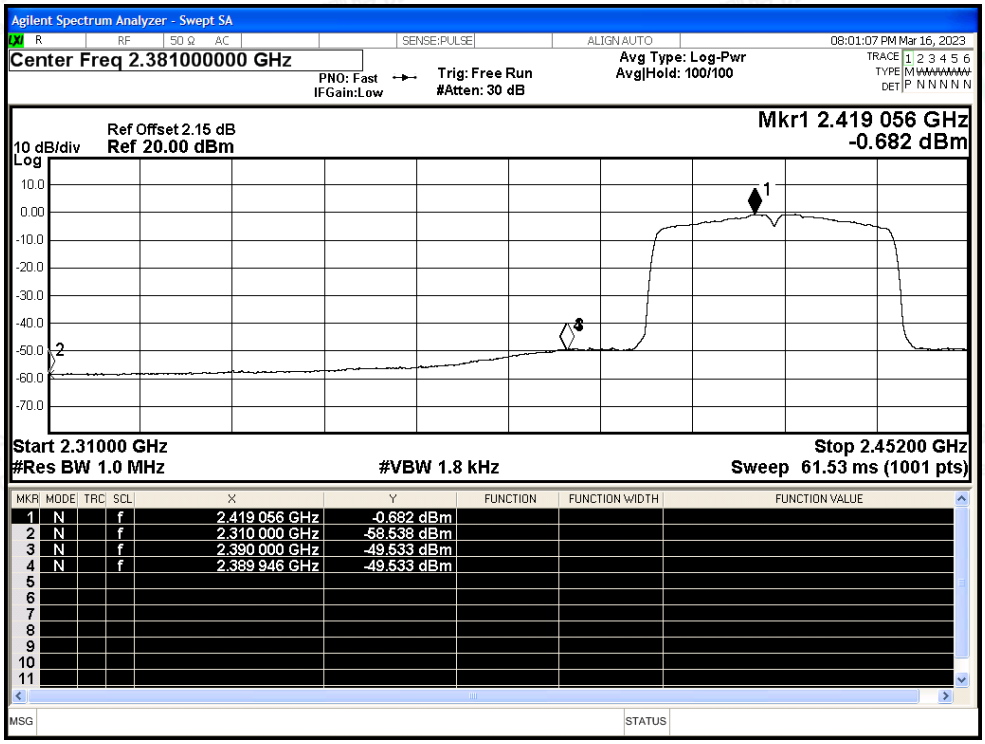
Restrict Band NVNT n20 2462MHz Ant1 Average



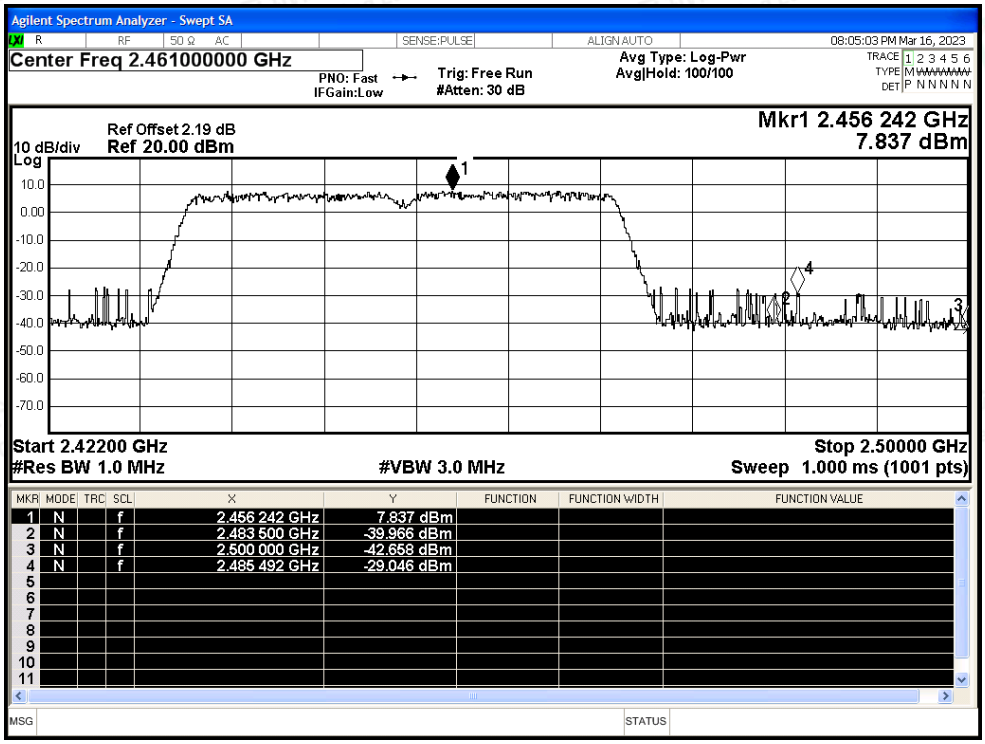
Restrict Band NVNT n40 2422MHz Ant1 Peak



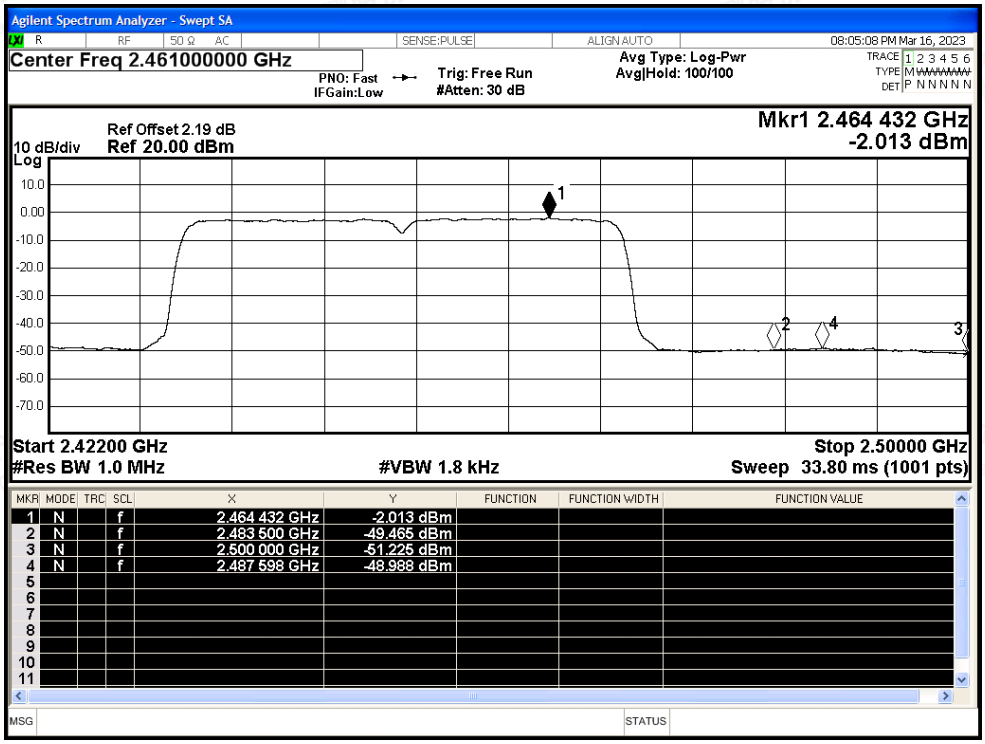
Restrict Band NVNT n40 2422MHz Ant1 Average



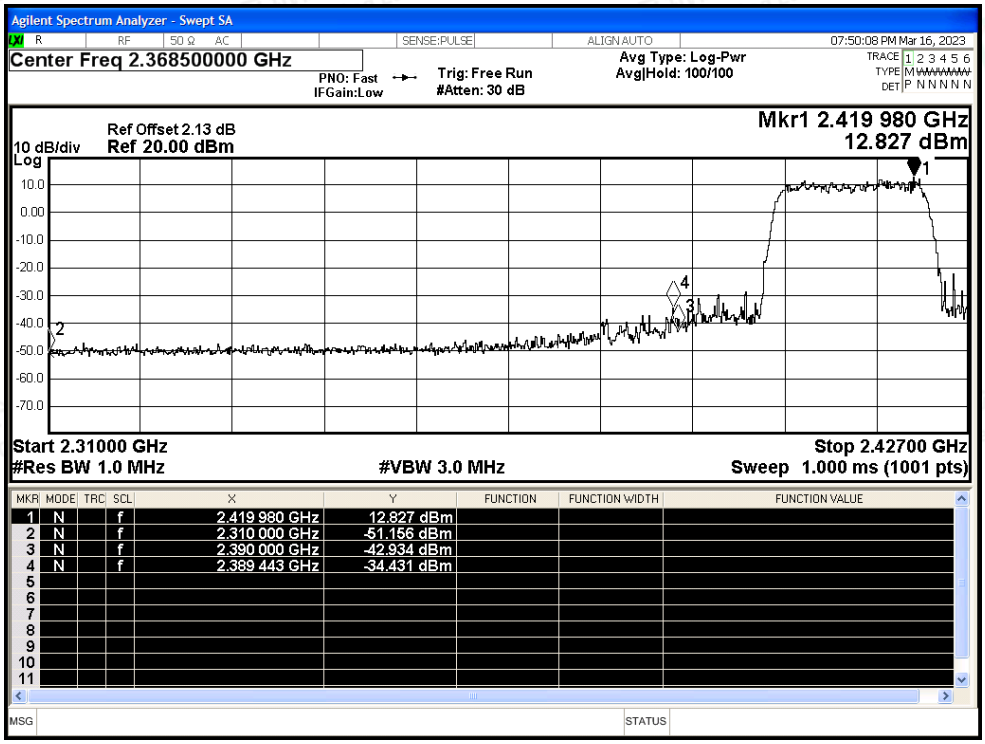
Restrict Band NVNT n40 2452MHz Ant1 Peak



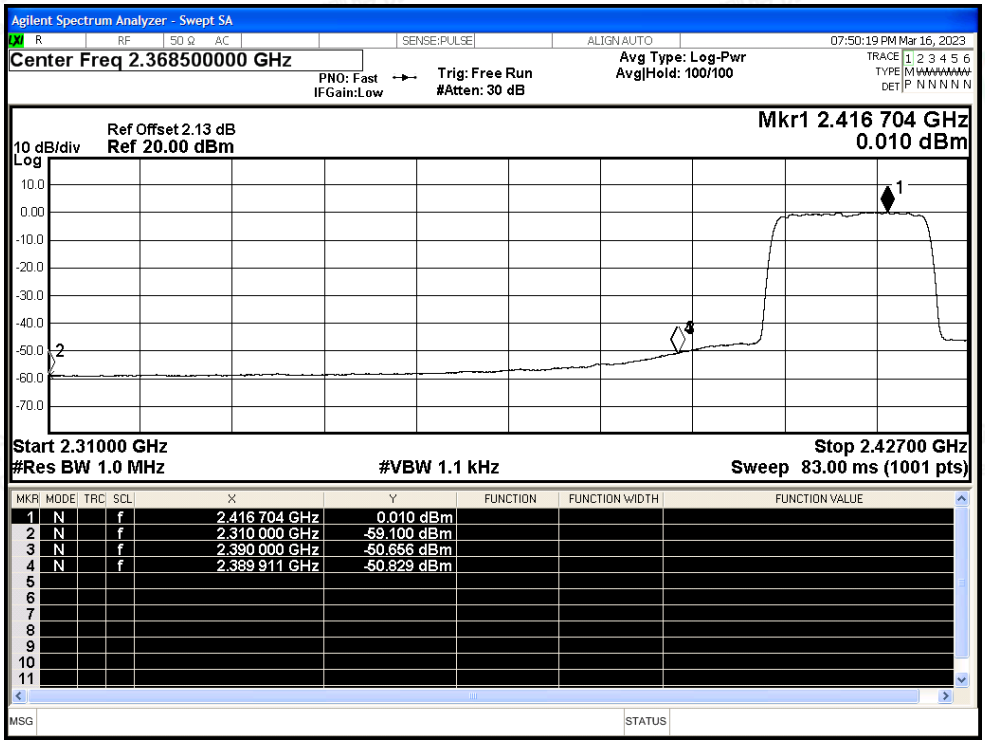
Restrict Band NVNT n40 2452MHz Ant1 Average



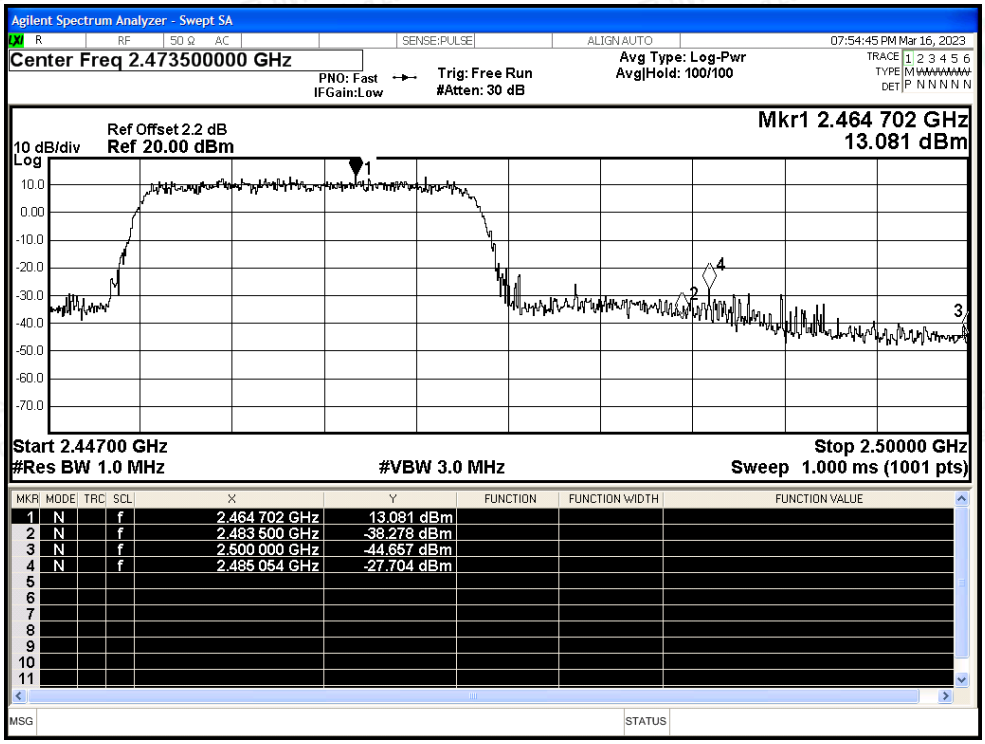
Restrict Band NVNT ax20 2412MHz Ant1 Peak



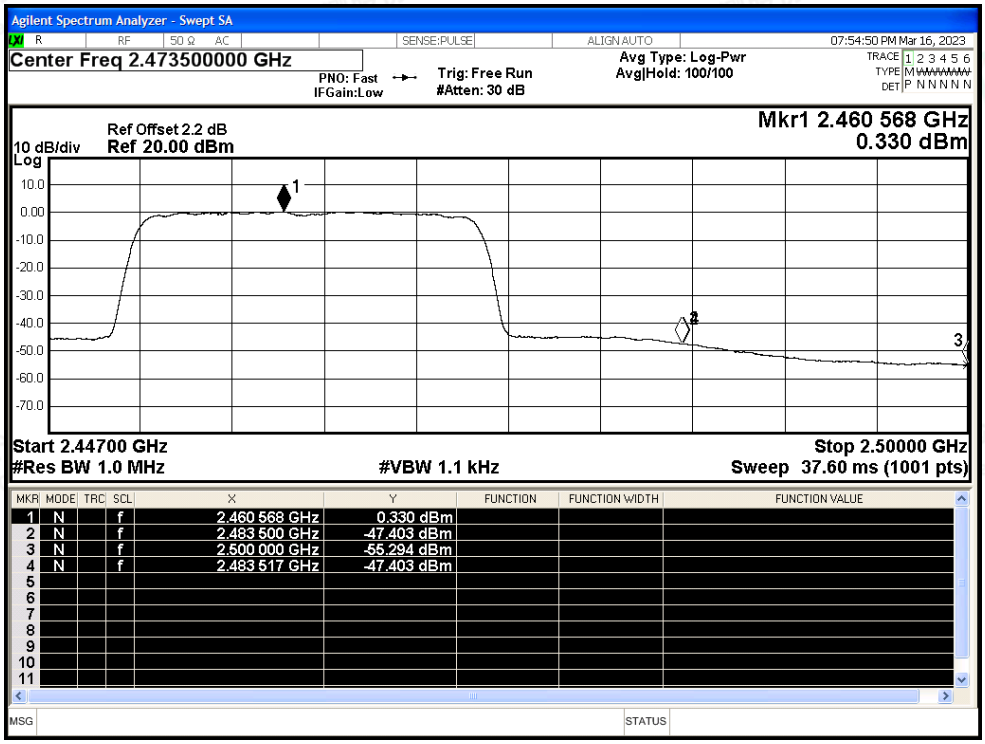
Restrict Band NVNT ax20 2412MHz Ant1 Average



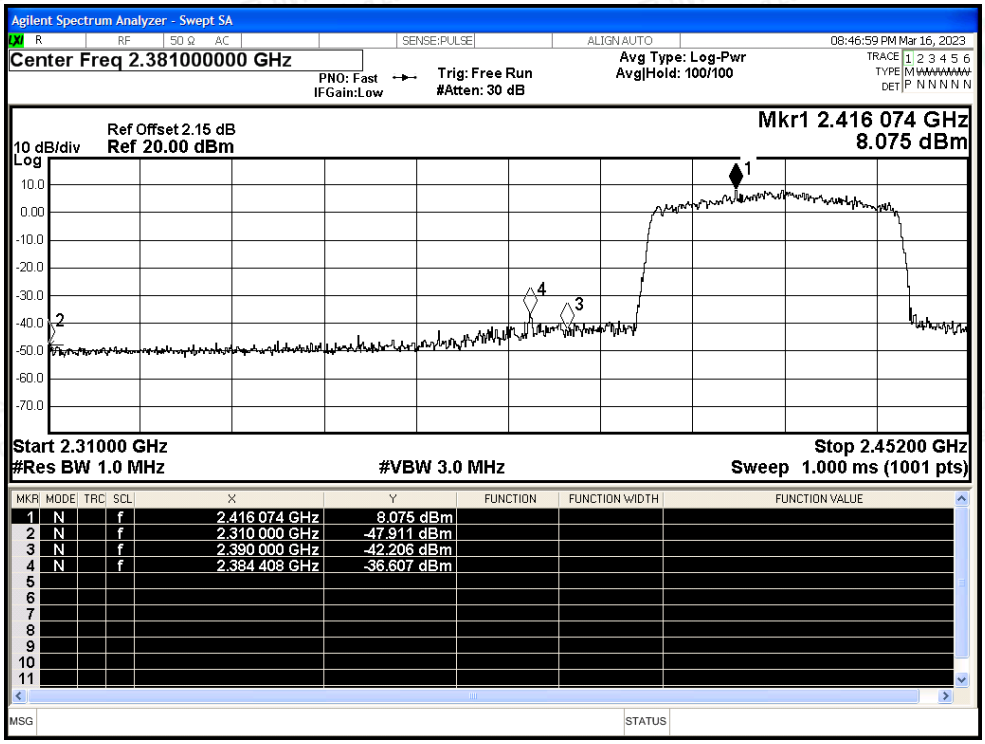
Restrict Band NVNT ax20 2462MHz Ant1 Peak



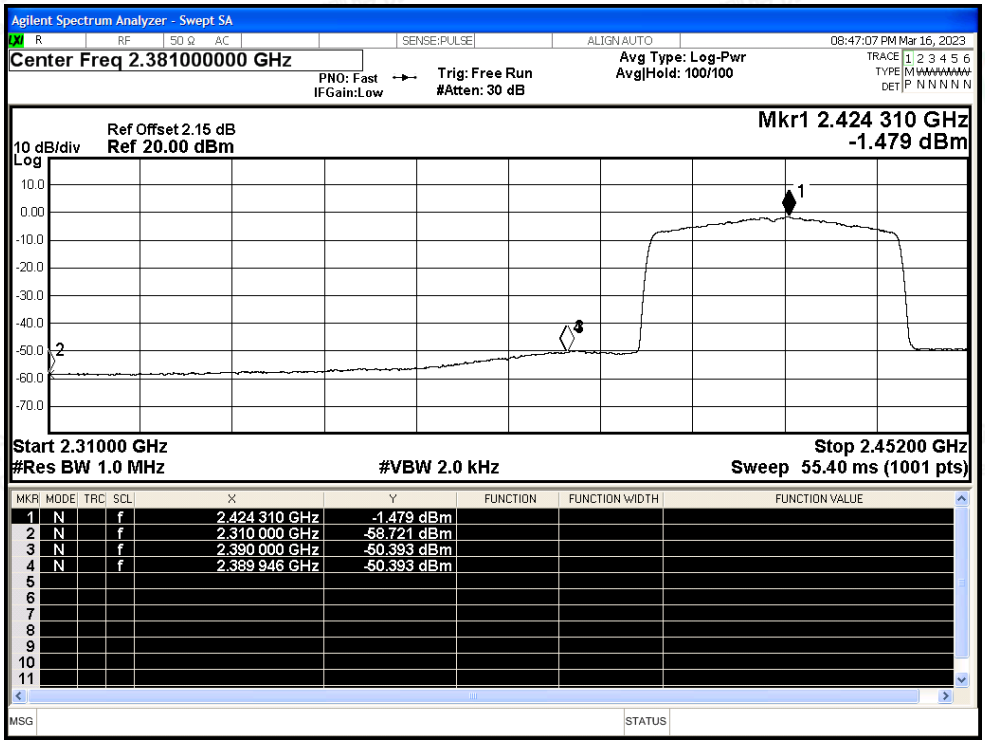
Restrict Band NVNT ax20 2462MHz Ant1 Average



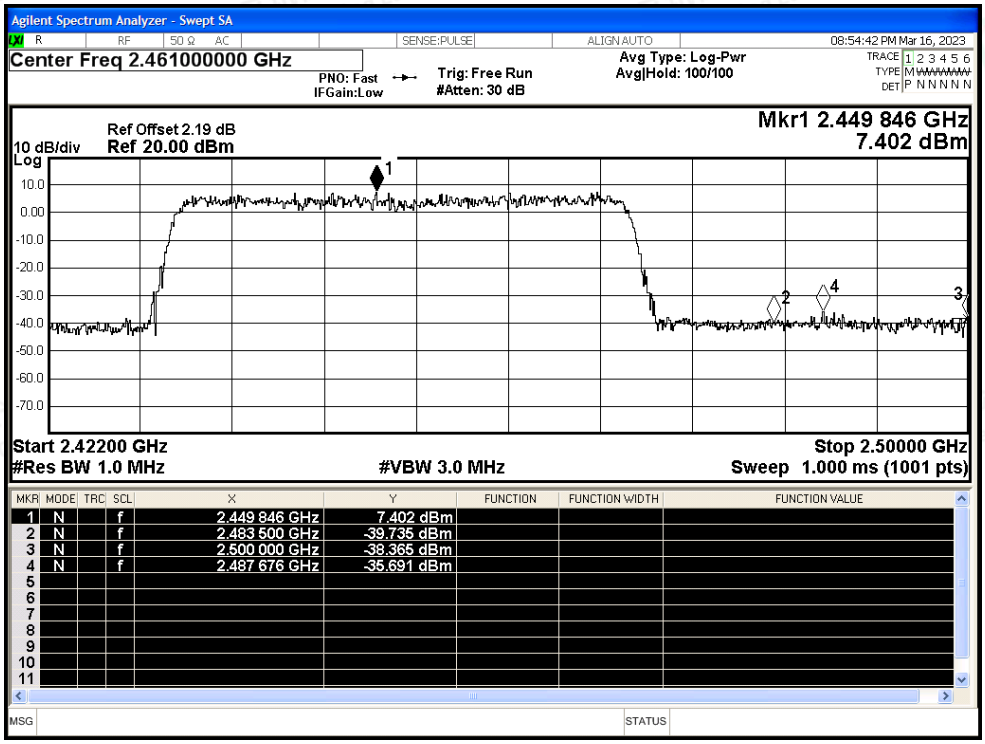
Restrict Band NVNT ax40 2422MHz Ant1 Peak



Restrict Band NVNT ax40 2422MHz Ant1 Average



Restrict Band NVNT ax40 2452MHz Ant1 Peak



Restrict Band NVNT ax40 2452MHz Ant1 Average