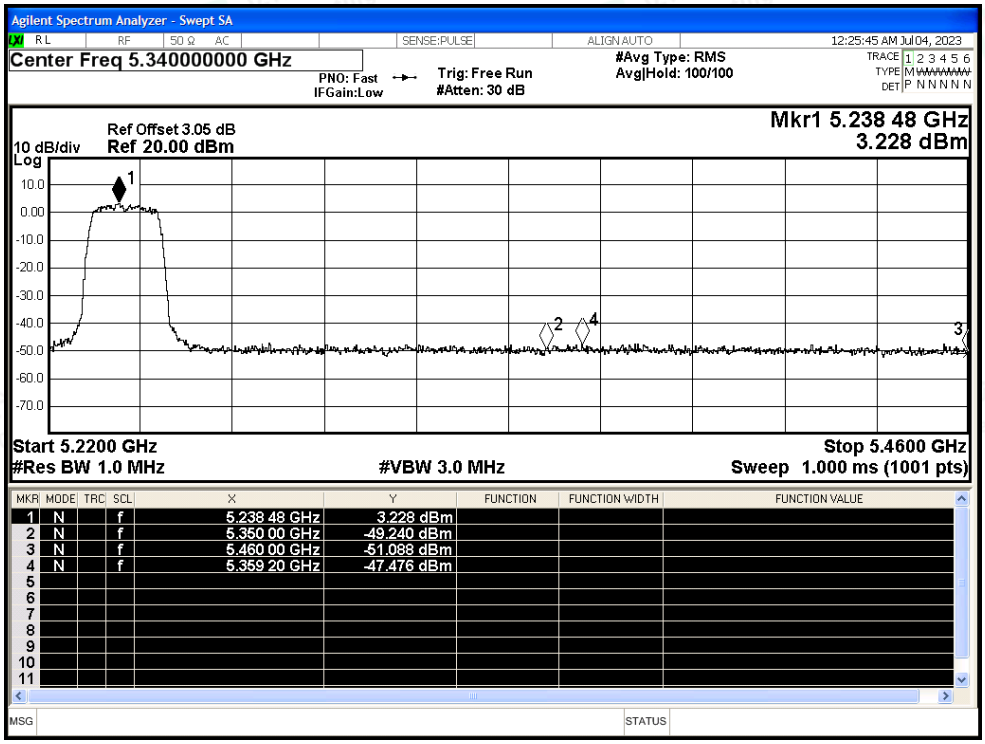
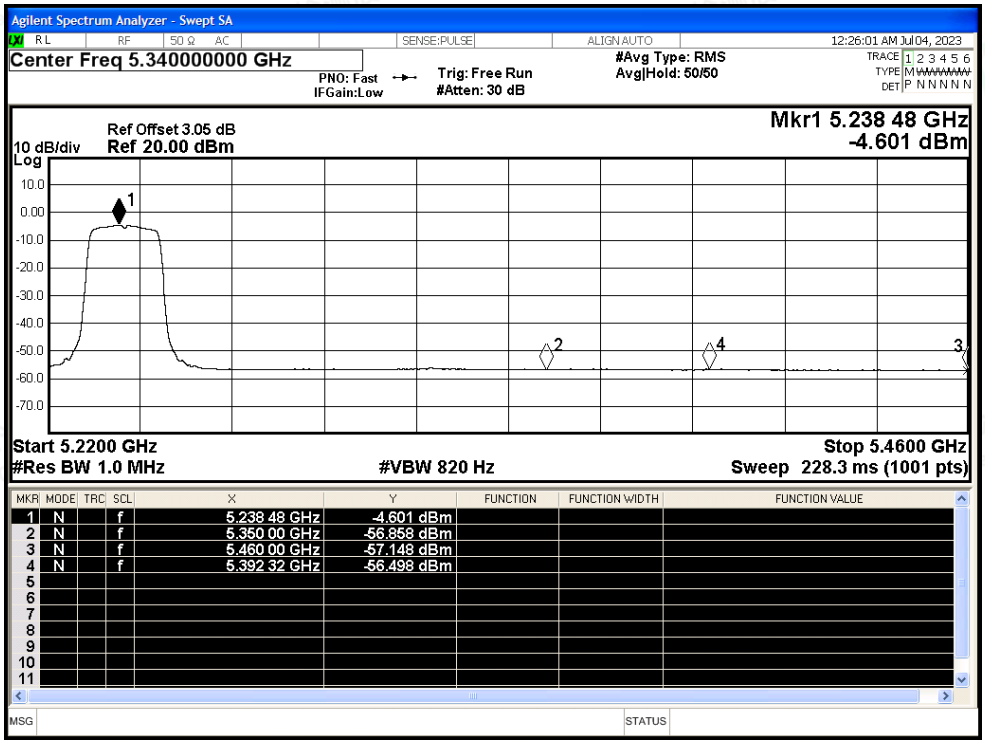
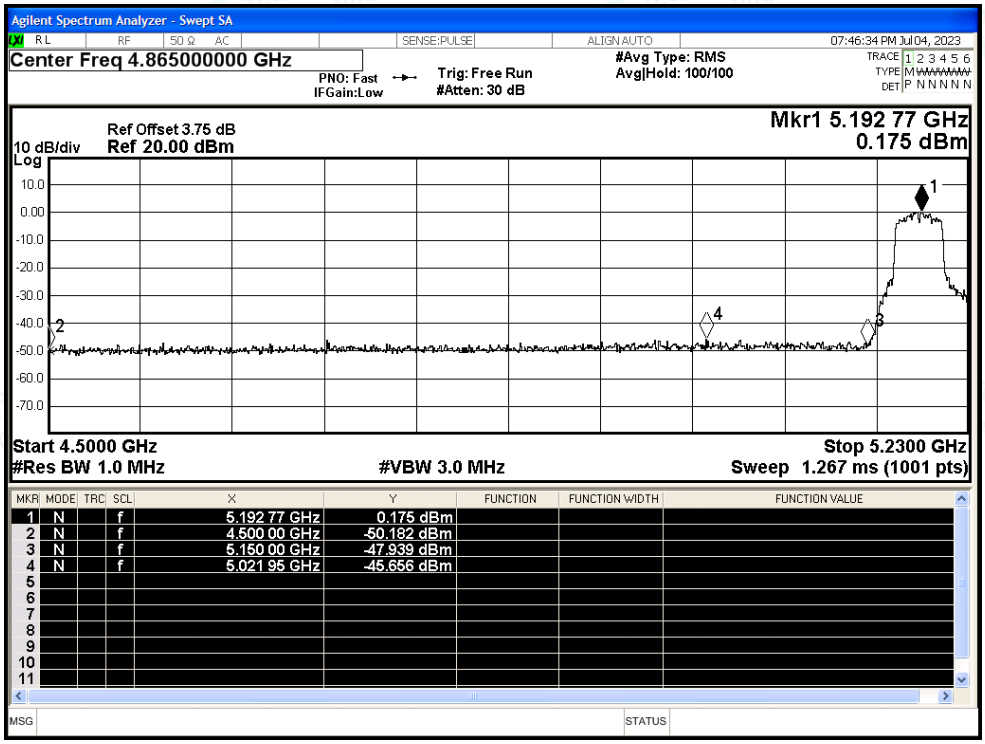
Restrict Band NVNT n20 5240MHz Ant1 Peak



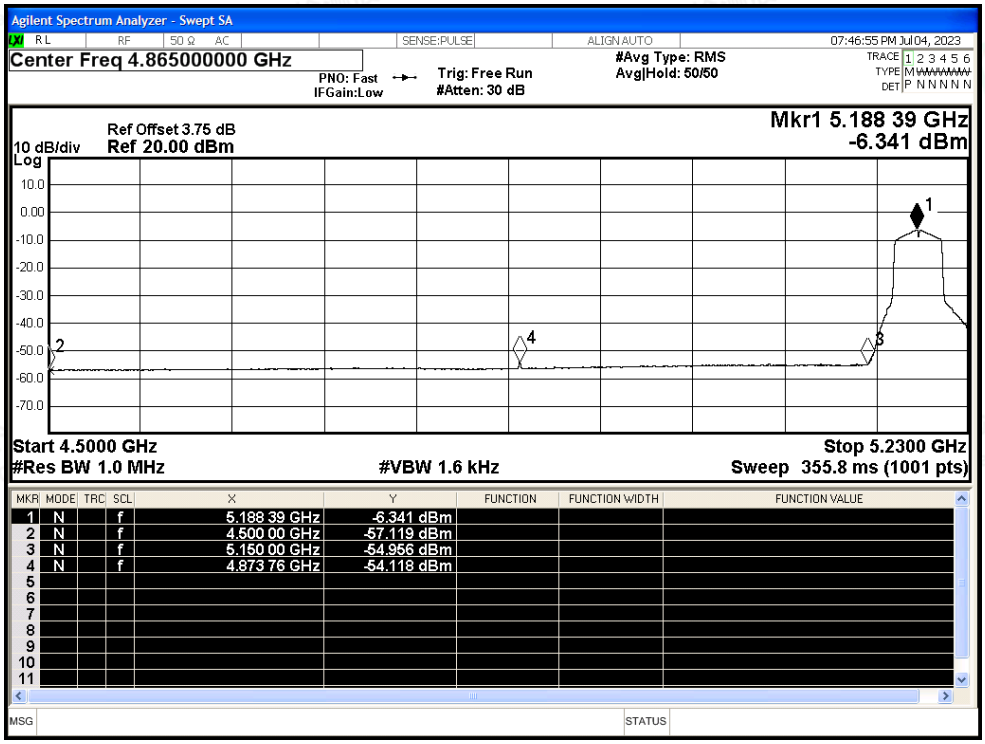
Restrict Band NVNT n20 5240MHz Ant1 Average



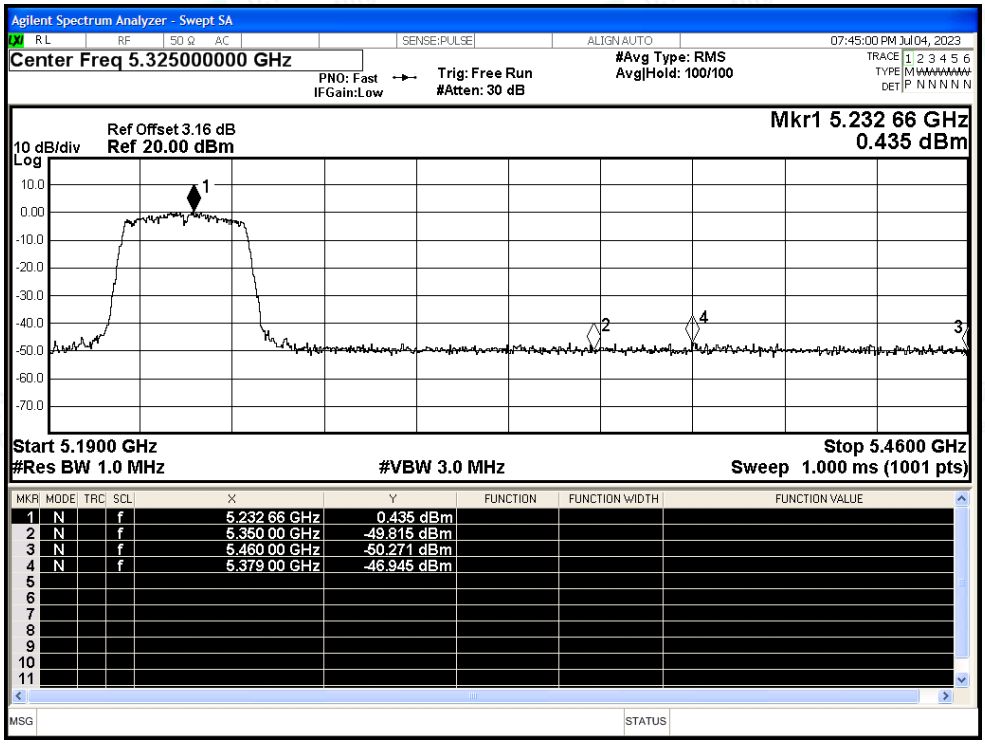
Restrict Band NVNT n40 5190MHz Ant1 Peak



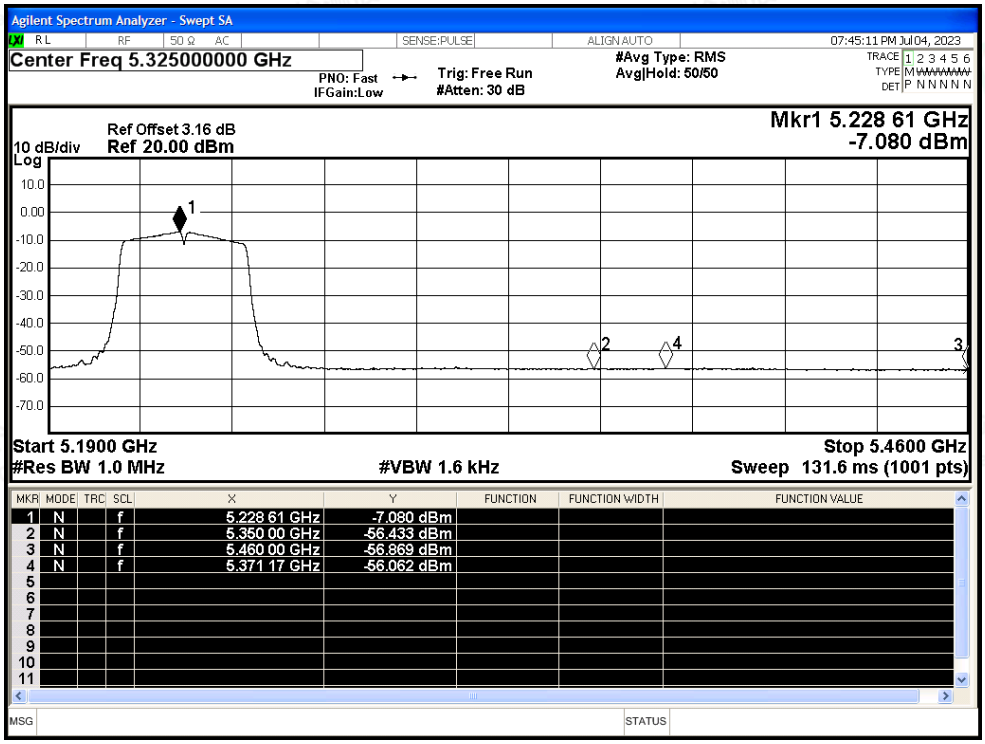
Restrict Band NVNT n40 5190MHz Ant1 Average



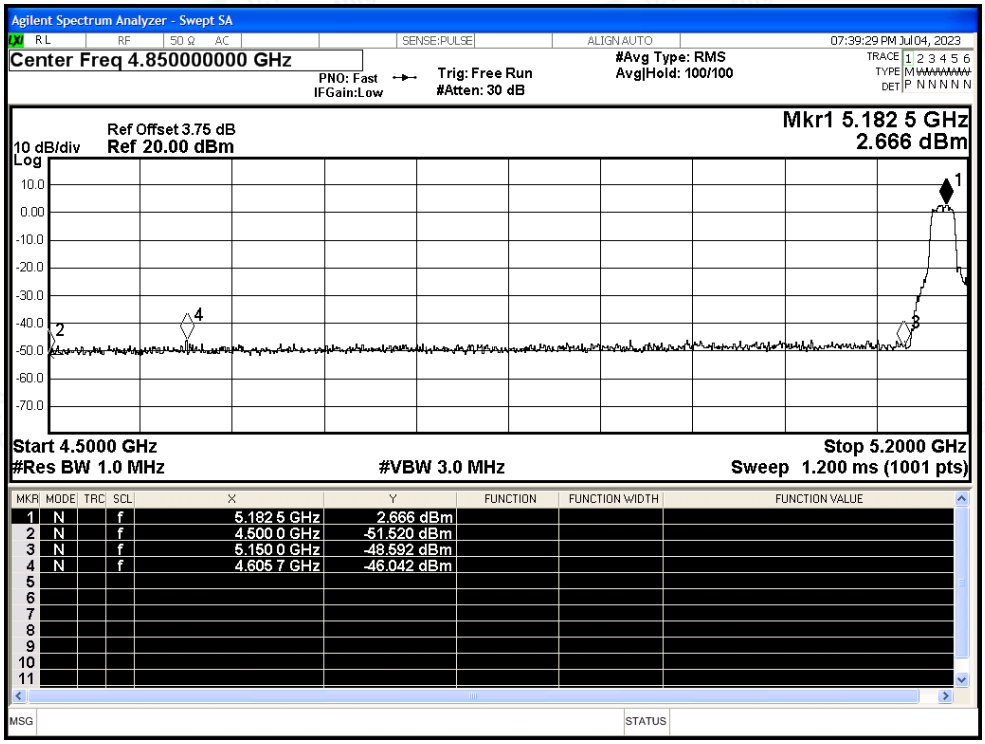
Restrict Band NVNT n40 5230MHz Ant1 Peak



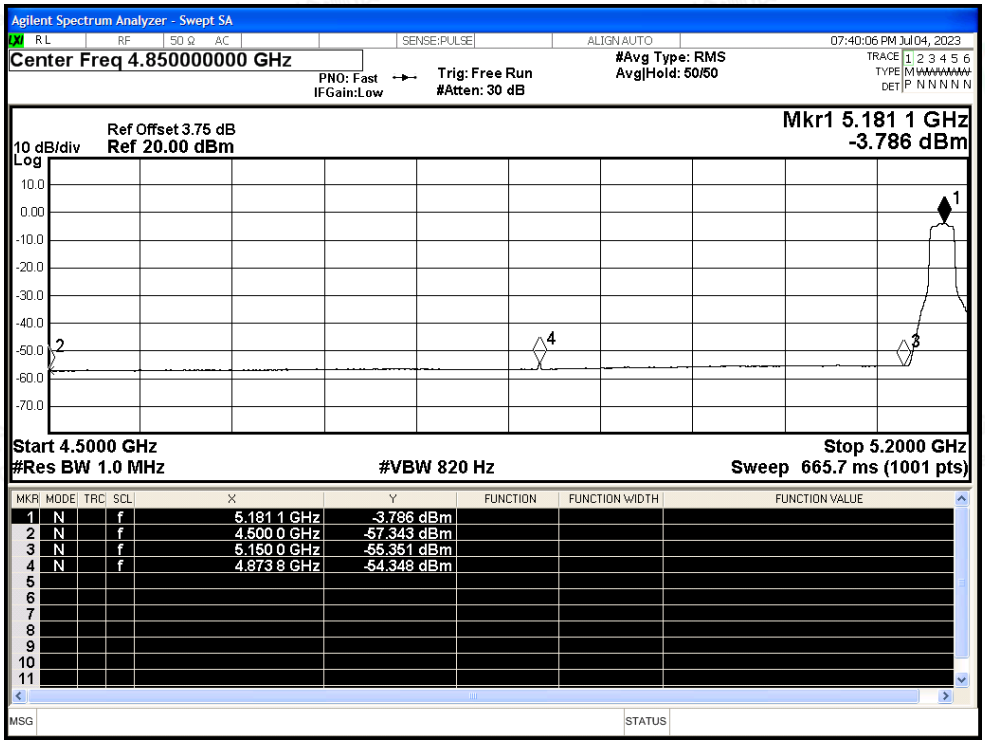
Restrict Band NVNT n40 5230MHz Ant1 Average



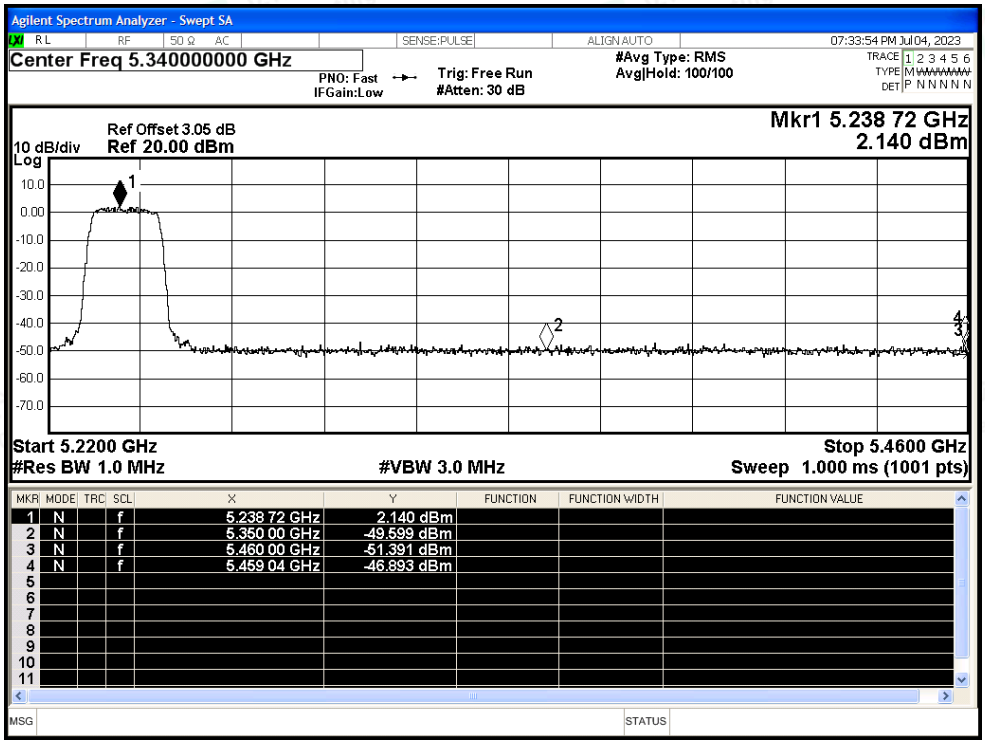
Restrict Band NVNT ac20 5180MHz Ant1 Peak



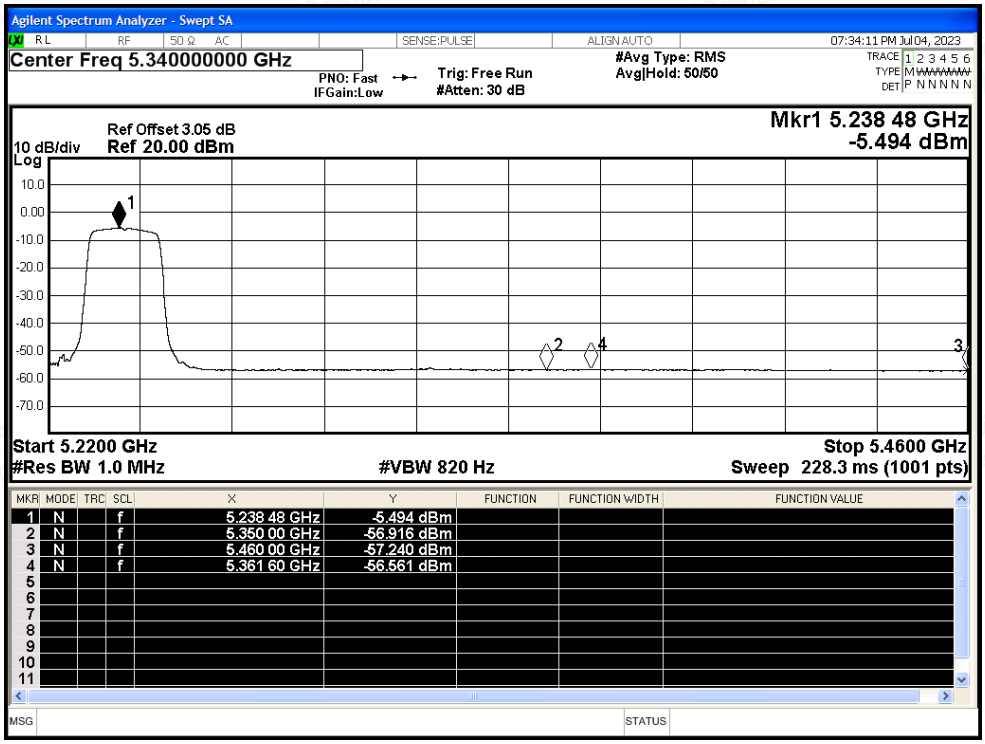
Restrict Band NVNT ac20 5180MHz Ant1 Average



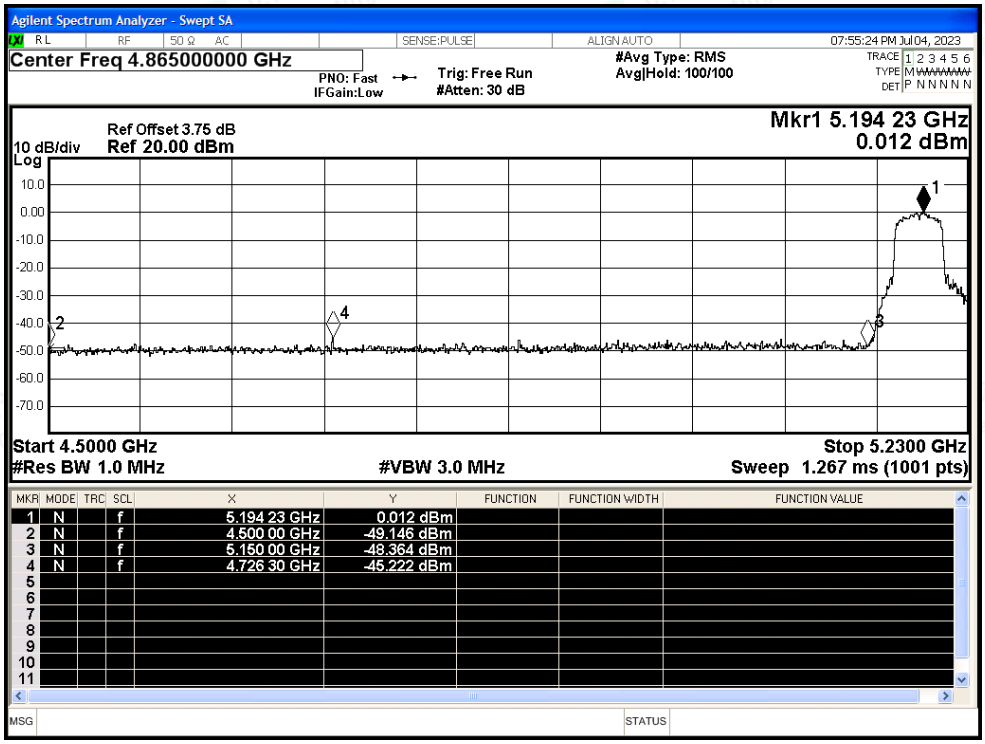
Restrict Band NVNT ac20 5240MHz Ant1 Peak



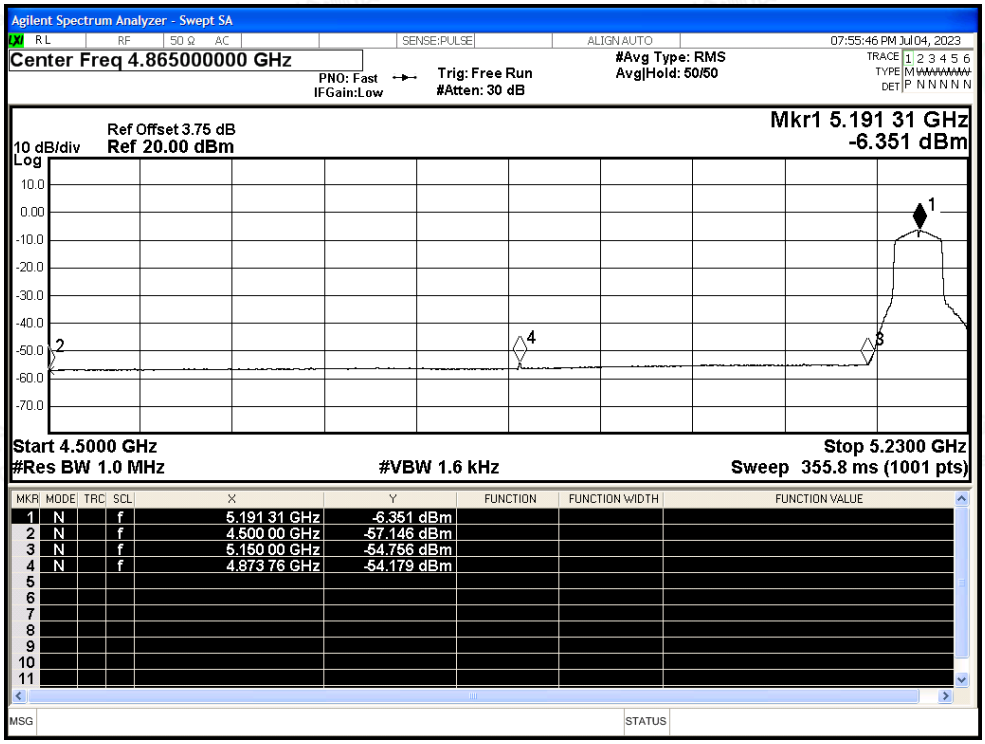
Restrict Band NVNT ac20 5240MHz Ant1 Average



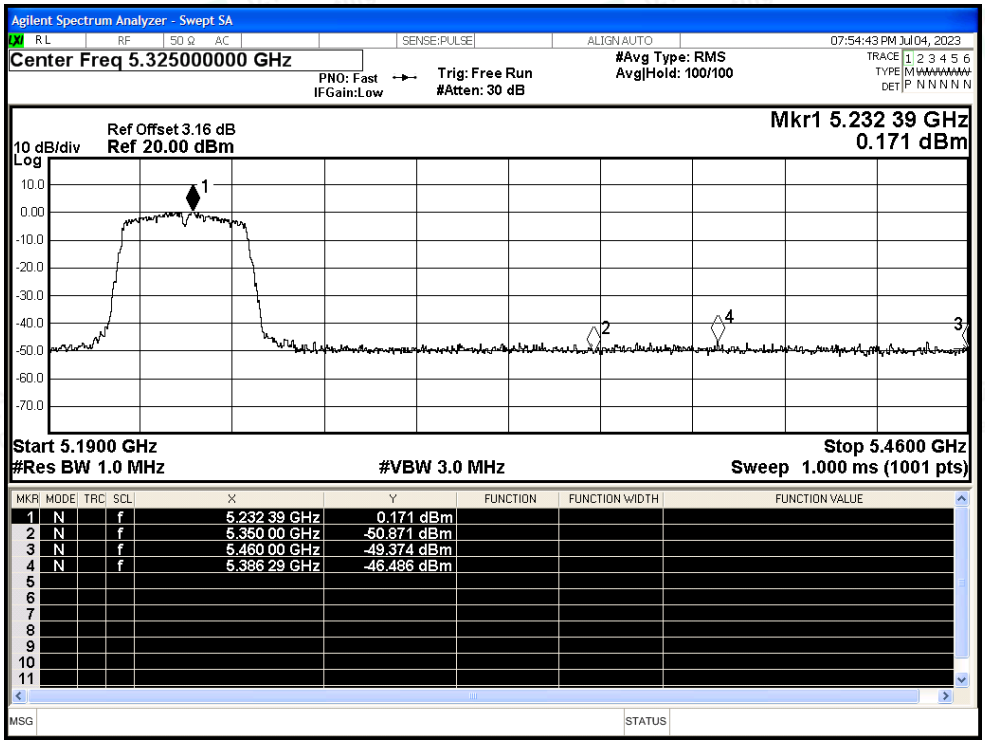
Restrict Band NVNT ac40 5190MHz Ant1 Peak



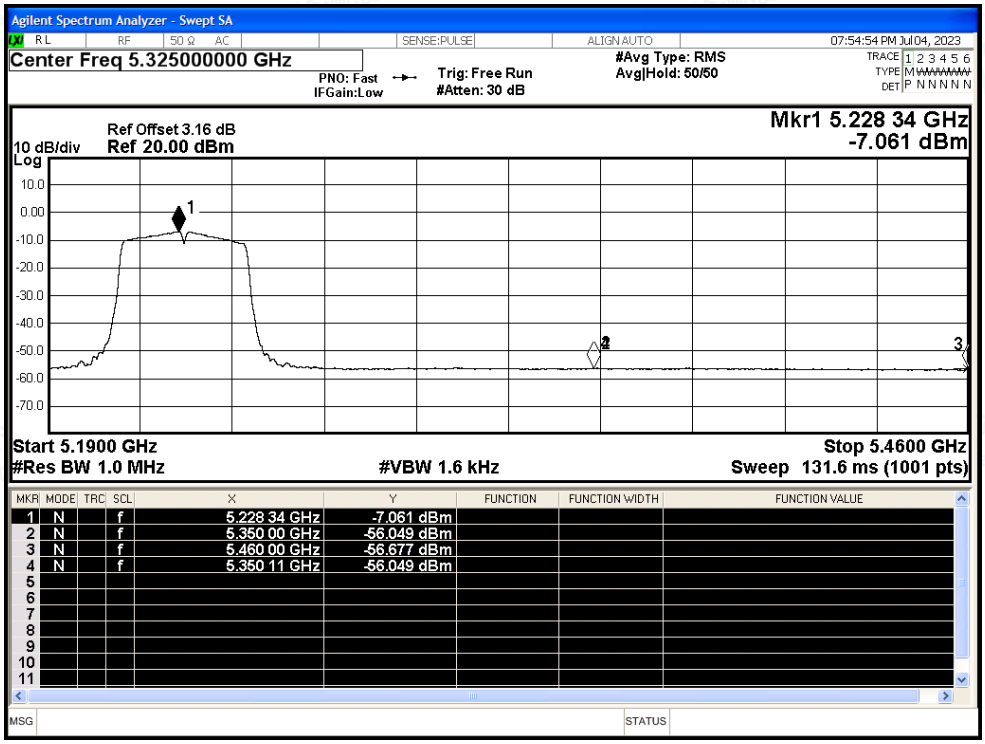
Restrict Band NVNT ac40 5190MHz Ant1 Average



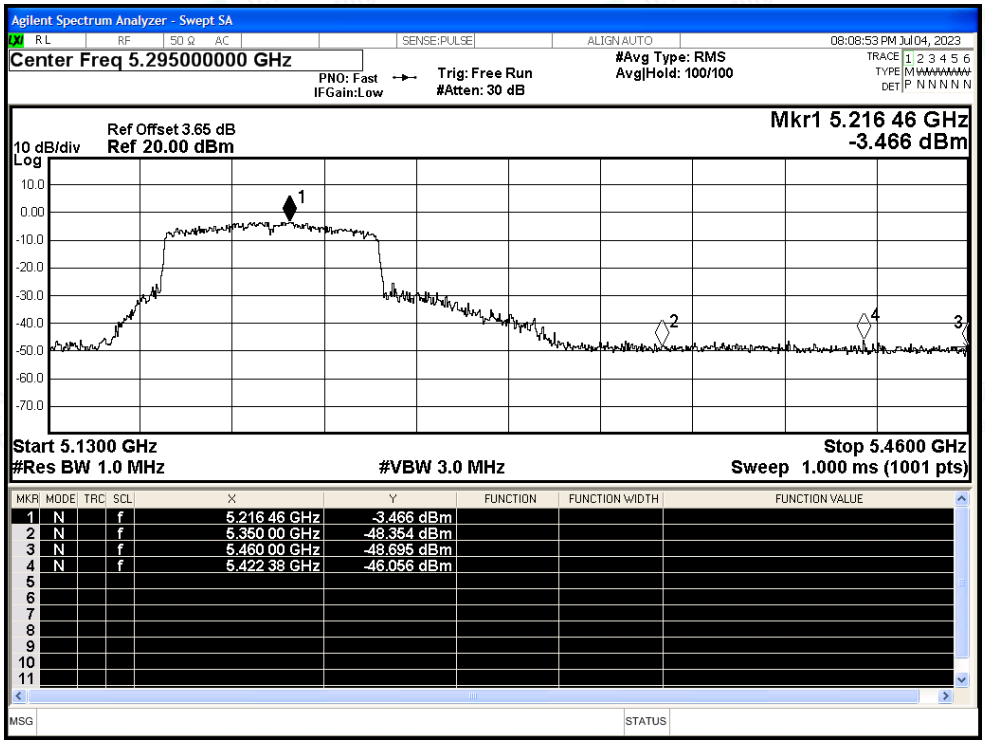
Restrict Band NVNT ac40 5230MHz Ant1 Peak



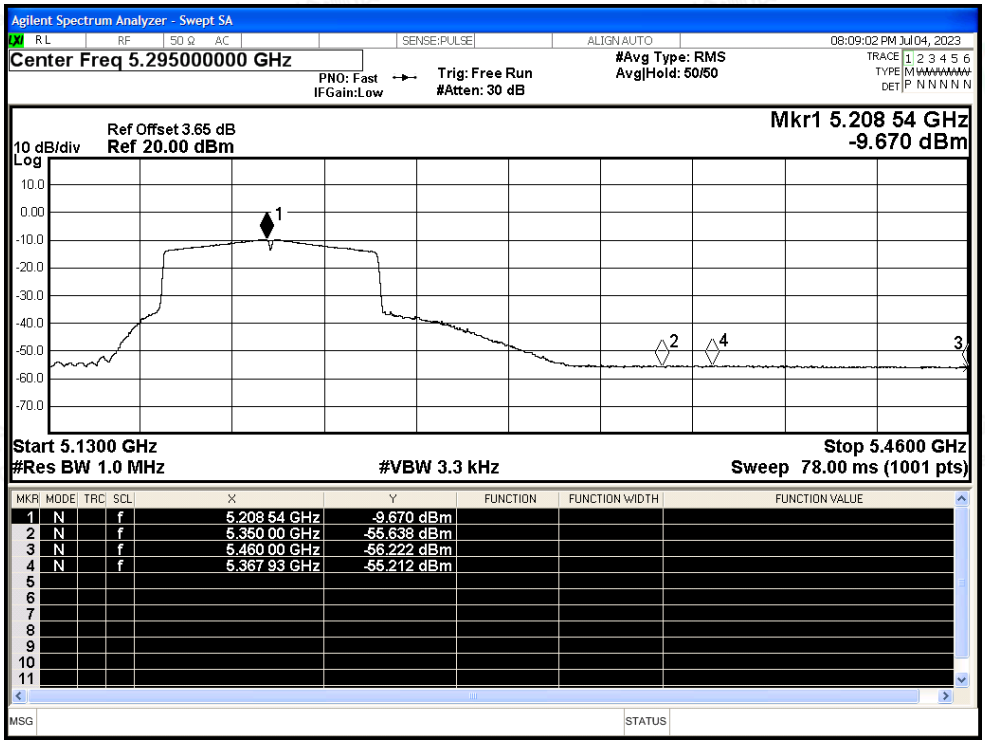
Restrict Band NVNT ac40 5230MHz Ant1 Average



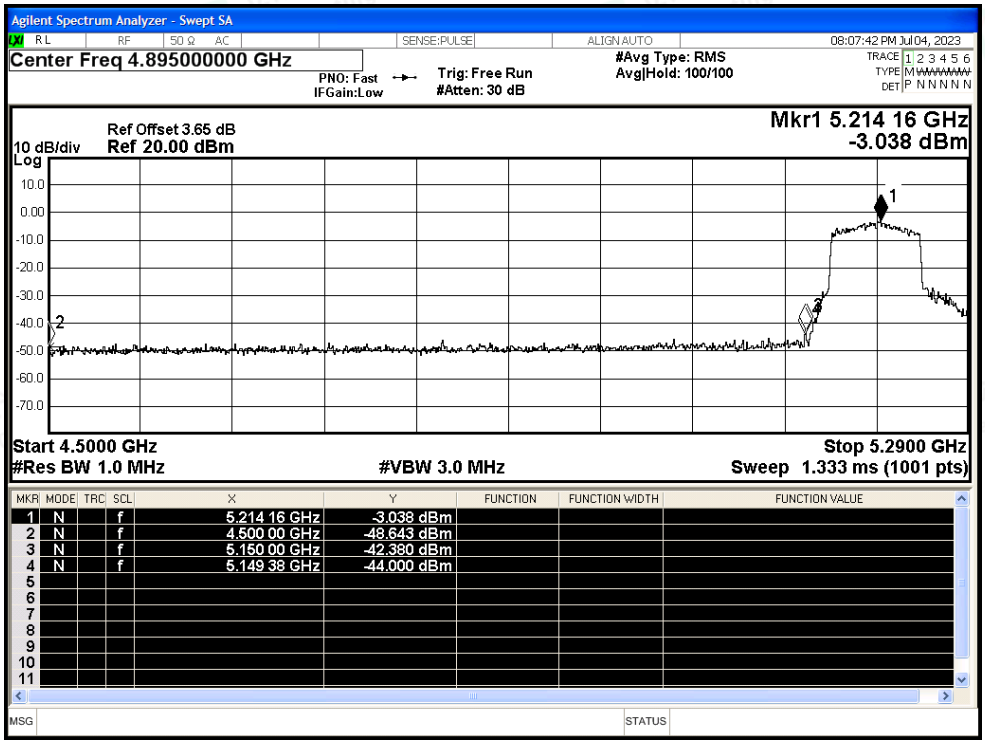
Restrict Band NVNT ac80 5210MHz Ant1 Peak



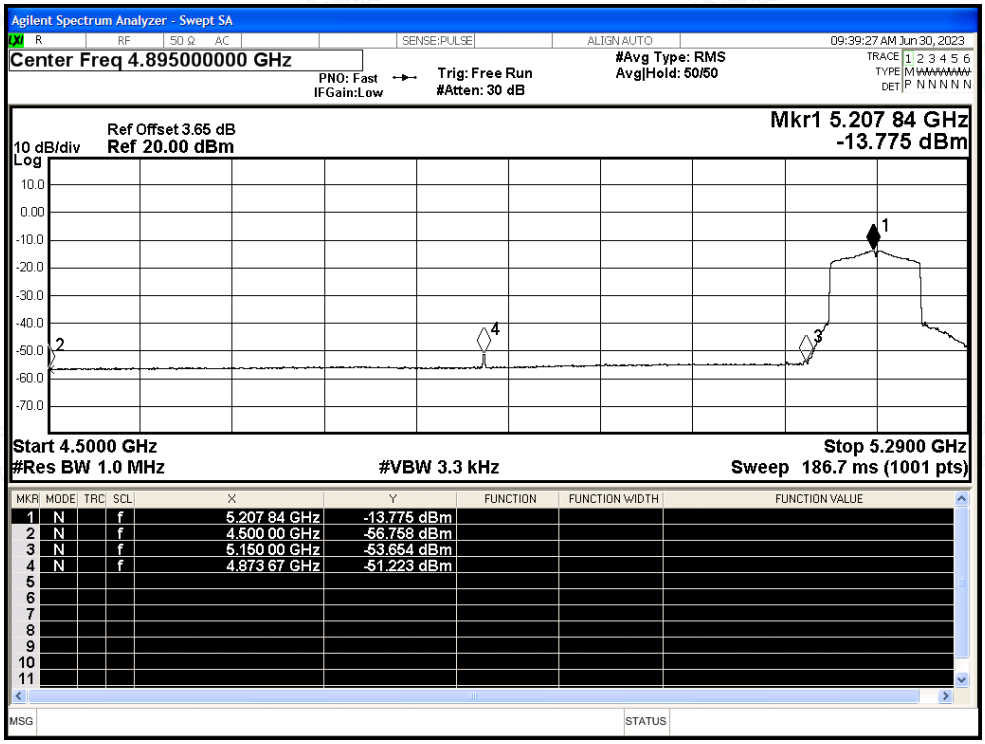
Restrict Band NVNT ac80 5210MHz Ant1 Average



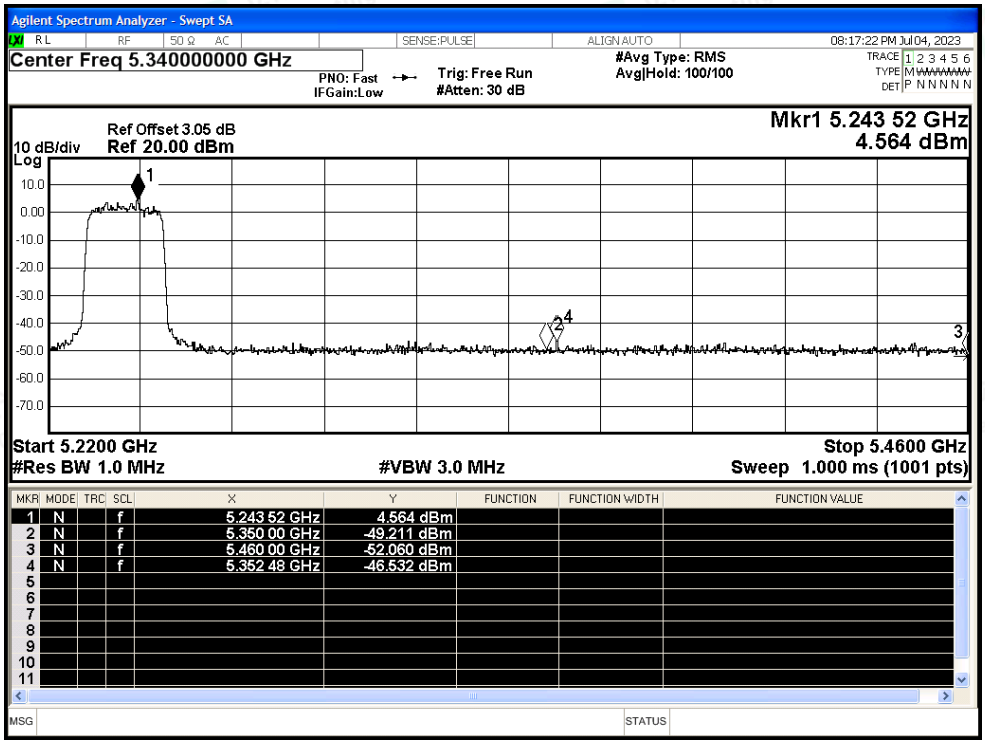
Restrict Band NVNT ac80 5210MHz Ant1 Peak



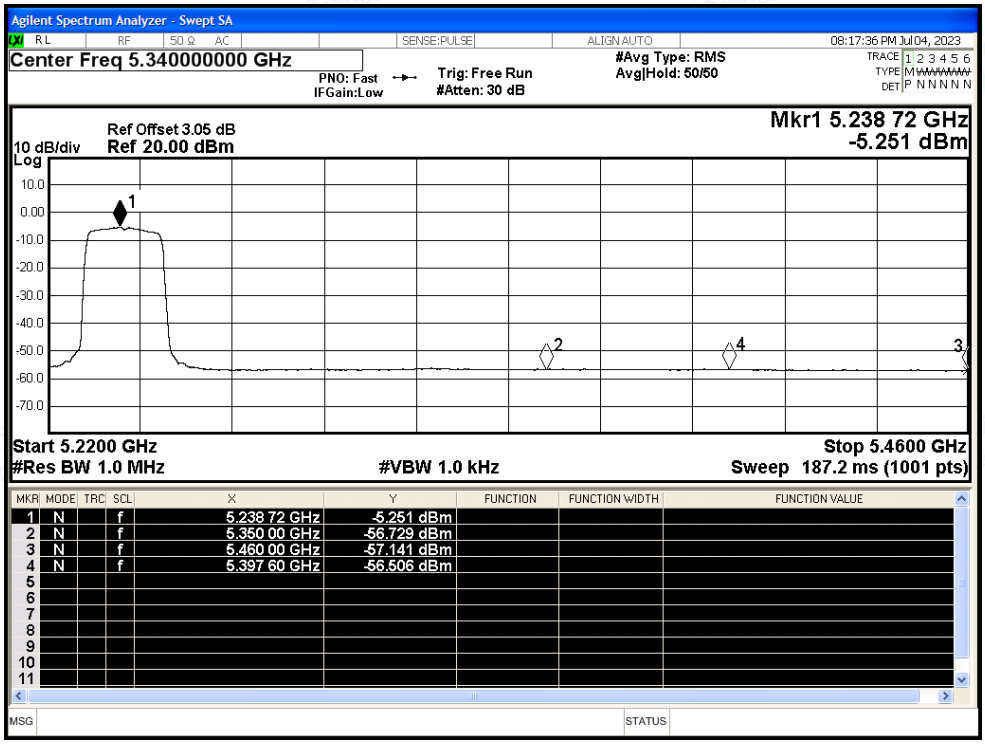
Restrict Band NVNT ac80 5210MHz Ant1 Average



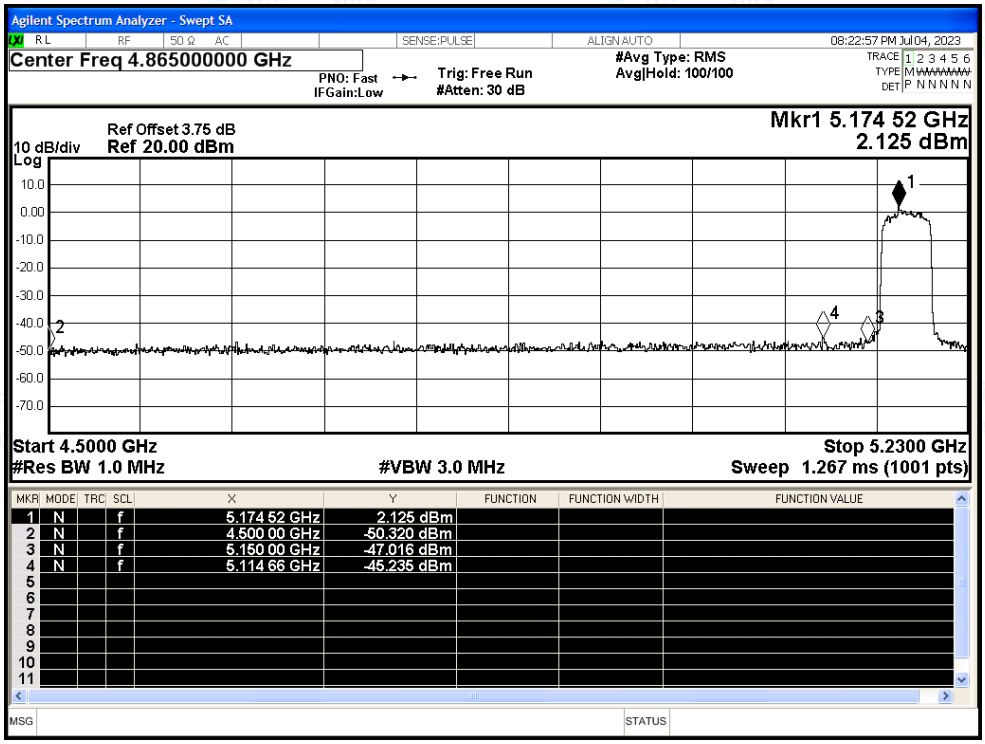
Restrict Band NVNT ax20 5240MHz Ant1 Peak



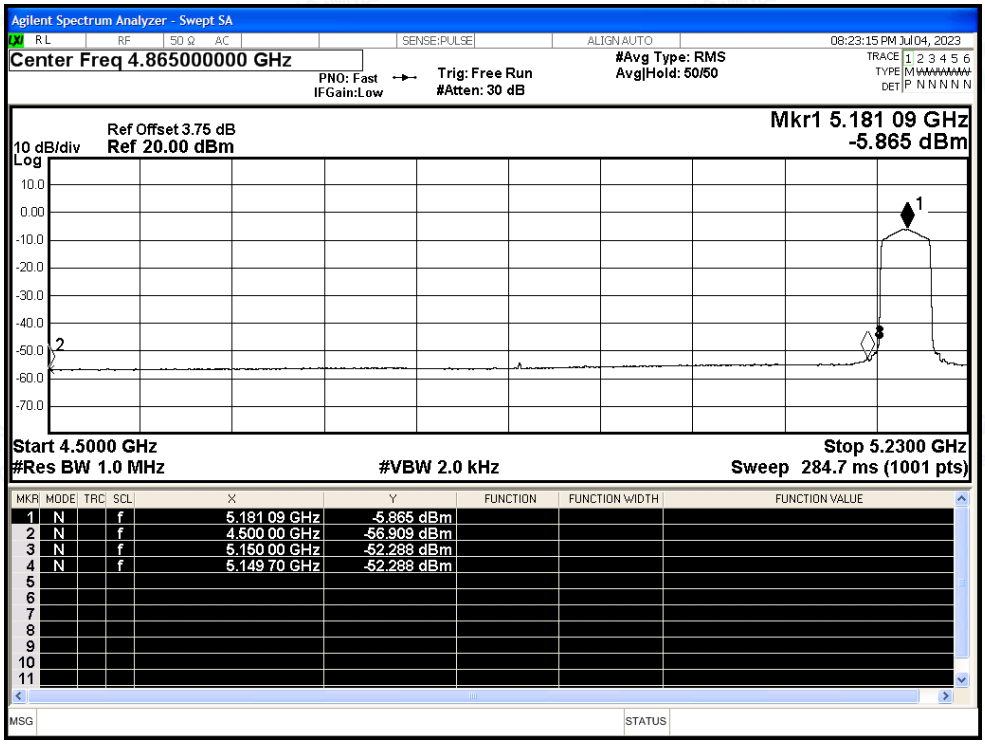
Restrict Band NVNT ax20 5240MHz Ant1 Average



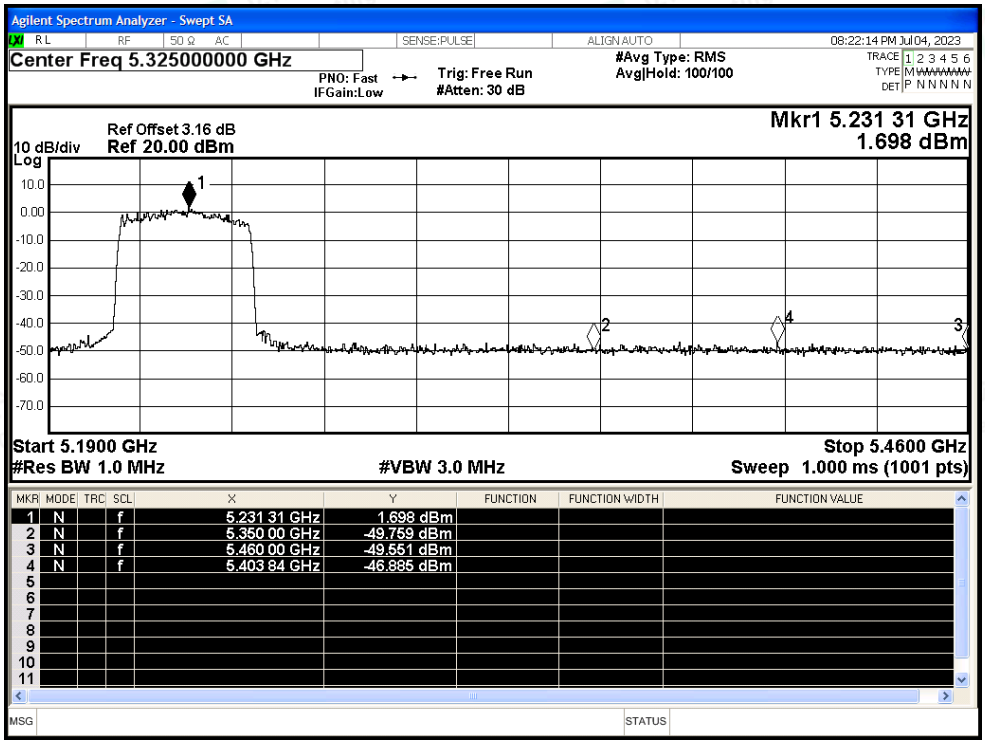
Restrict Band NVNT ax40 5190MHz Ant1 Peak



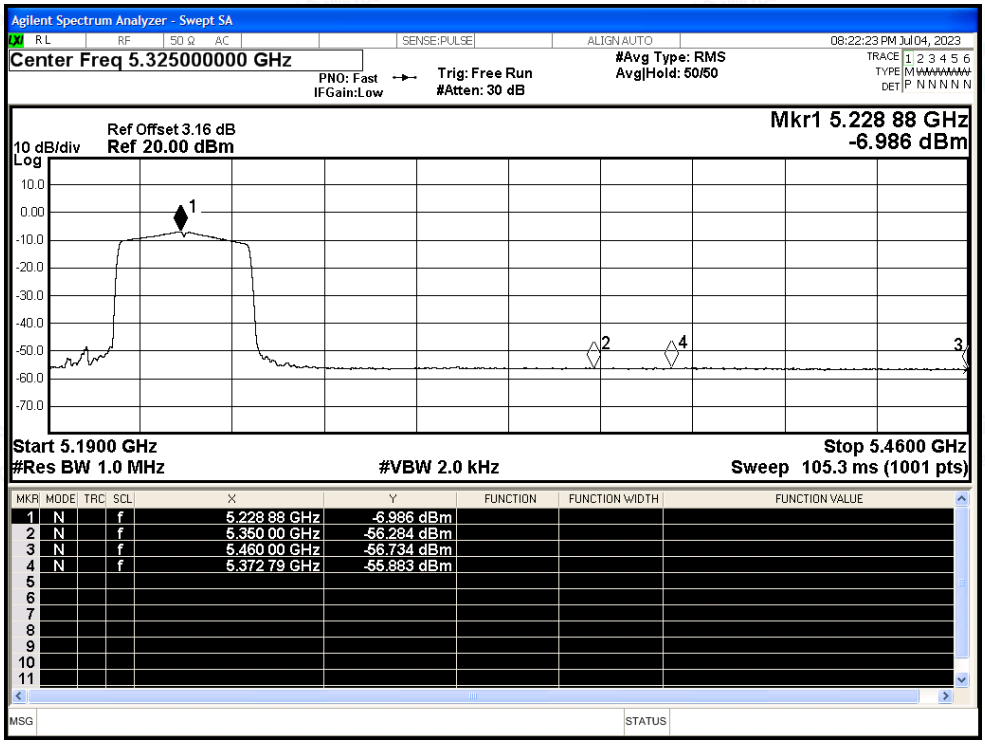
Restrict Band NVNT ax40 5190MHz Ant1 Average



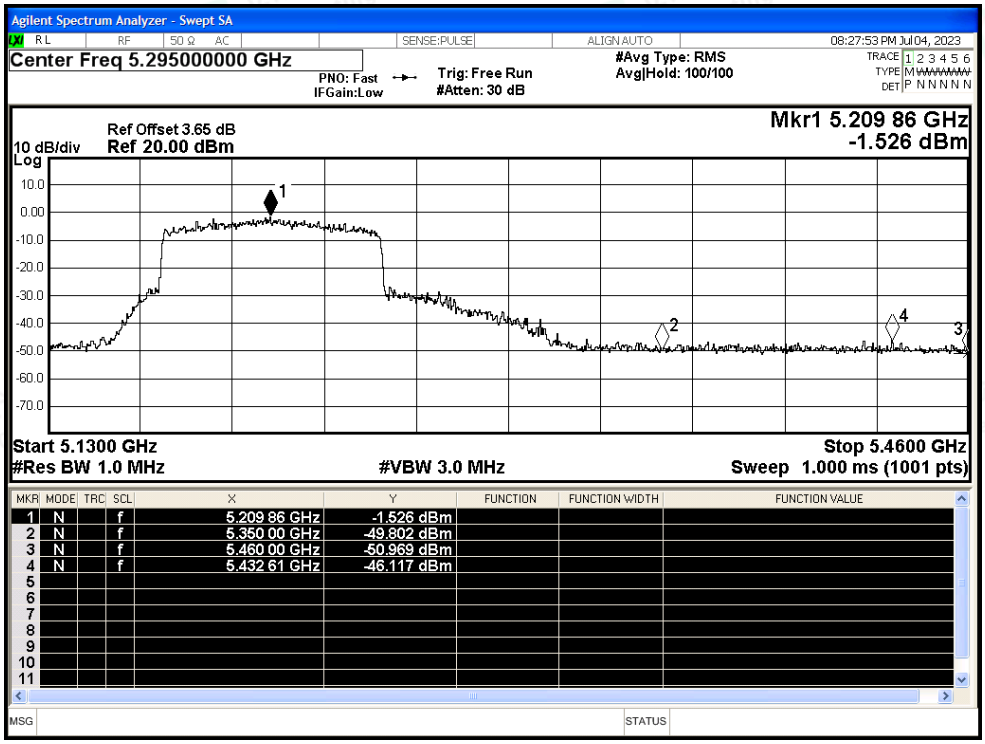
Restrict Band NVNT ax40 5230MHz Ant1 Peak



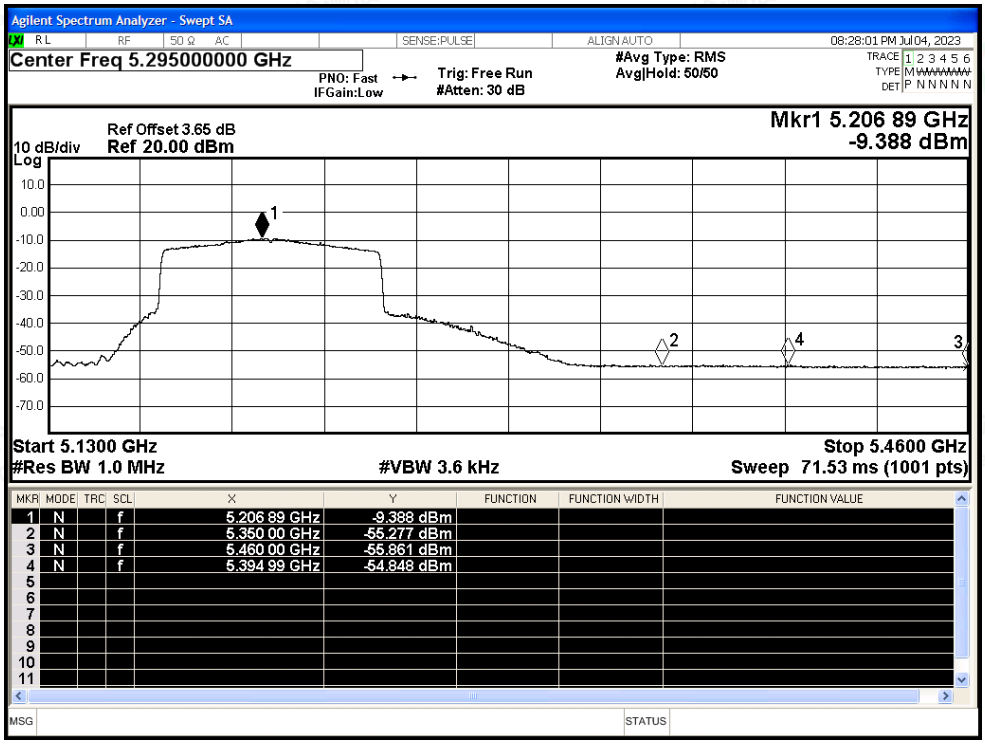
Restrict Band NVNT ax40 5230MHz Ant1 Average



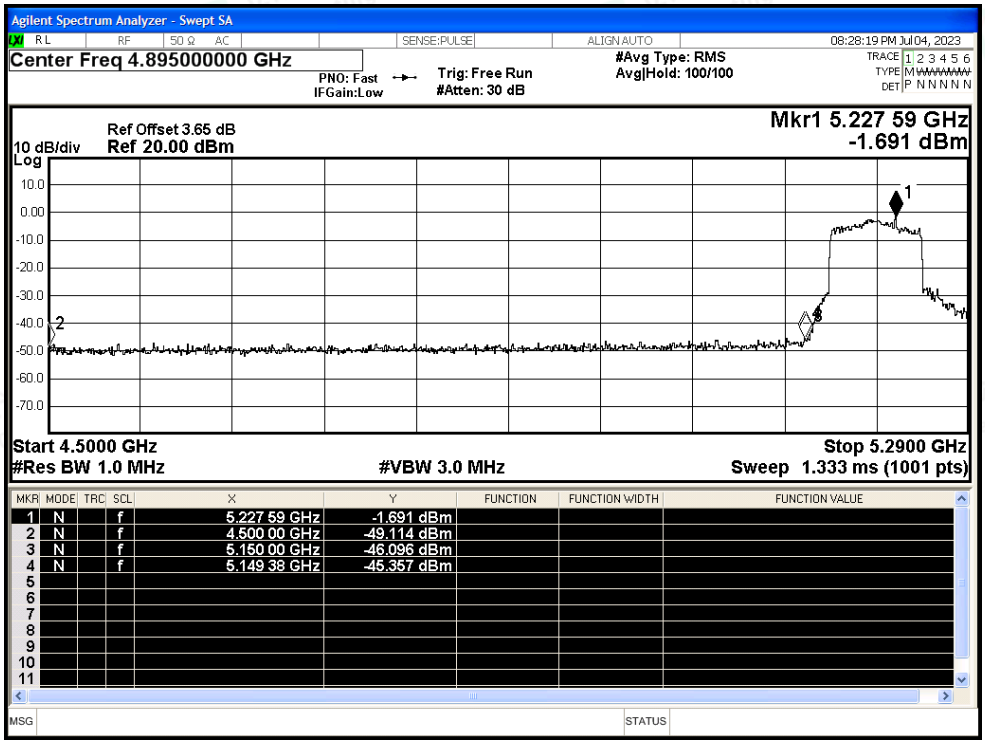
Restrict Band NVNT ax80 5210MHz Ant1 Peak



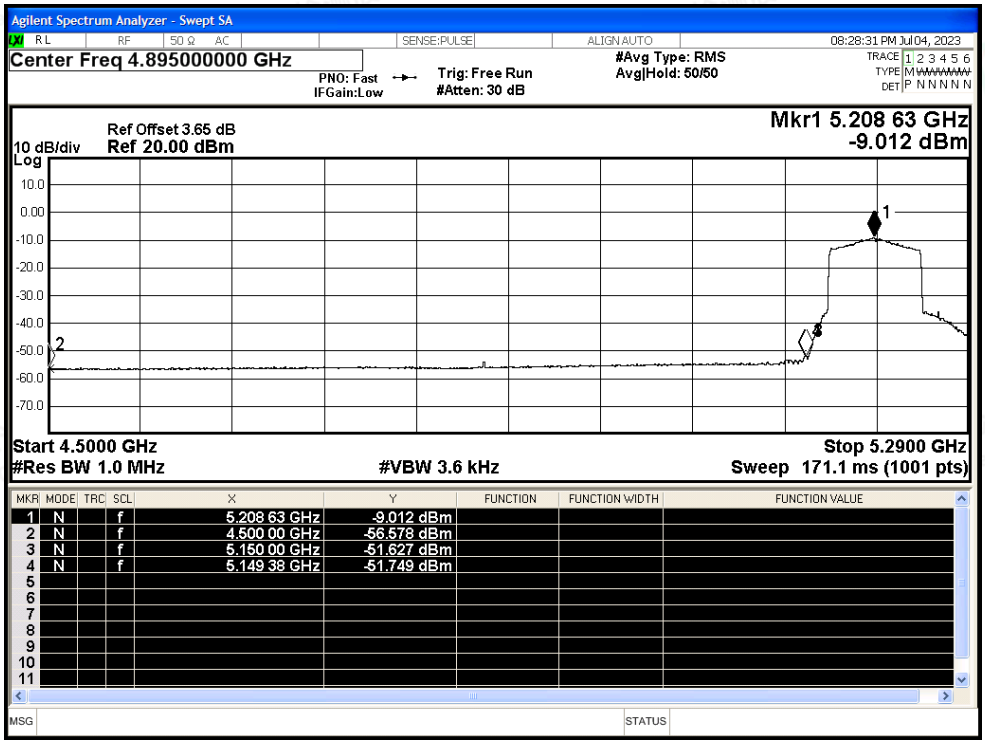
Restrict Band NVNT ax80 5210MHz Ant1 Average



Restrict Band NVNT ax80 5210MHz Ant1 Peak



Restrict Band NVNT ax80 5210MHz Ant1 Average



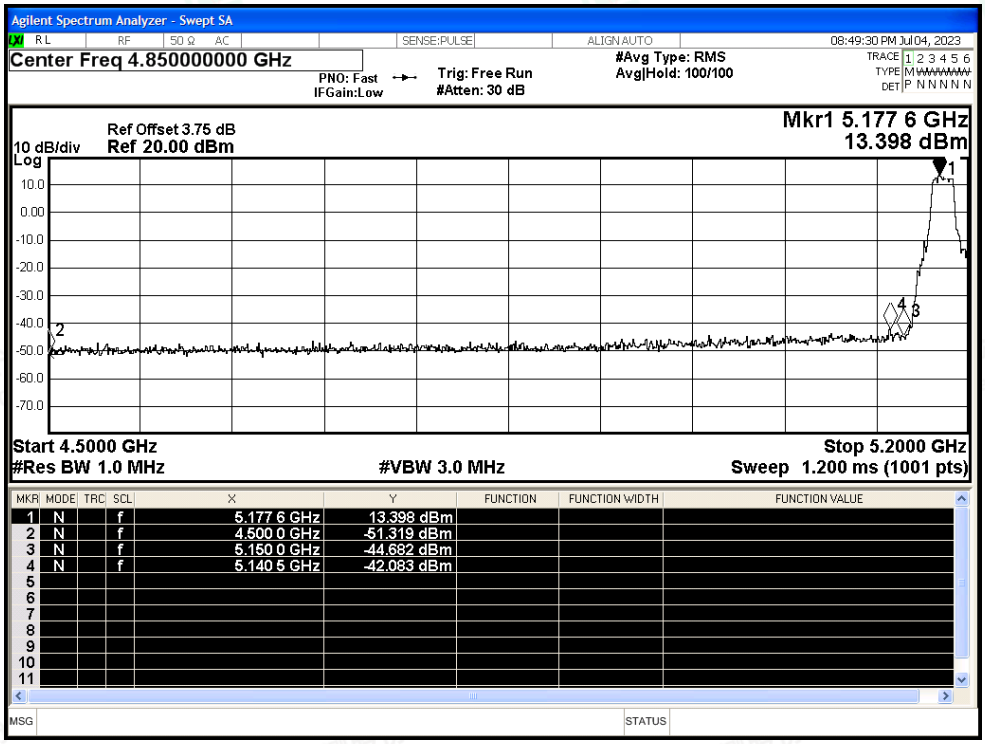
Condition	Mode	Frequency (MHz)	Antenna	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
NVNT	a	5180	Ant2	4500	-51.32	5.78	49.69	Peak	68.2	Pass
NVNT	a	5180	Ant2	4500	-57.26	5.78	43.75	Average	54	Pass
NVNT	a	5180	Ant2	5140.5	-42.08	5.78	58.93	Peak	68.2	Pass
NVNT	a	5180	Ant2	5139.8	-49.89	5.78	51.12	Average	54	Pass
NVNT	a	5180	Ant2	5150	-44.68	5.78	56.33	Peak	68.2	Pass
NVNT	a	5180	Ant2	5150	-51.22	5.78	49.79	Average	54	Pass
NVNT	a	5240	Ant2	5350	-48.55	5.78	52.46	Peak	68.2	Pass
NVNT	a	5240	Ant2	5350	-57.05	5.78	43.96	Average	54	Pass
NVNT	a	5240	Ant2	5365.68	-46.73	5.78	54.28	Peak	68.2	Pass
NVNT	a	5240	Ant2	5360.16	-56.55	5.78	44.46	Average	54	Pass
NVNT	a	5240	Ant2	5460	-48.71	5.78	52.30	Peak	68.2	Pass
NVNT	a	5240	Ant2	5460	-57.18	5.78	43.83	Average	54	Pass
NVNT	n20	5180	Ant2	4500	-50.71	5.78	50.30	Peak	68.2	Pass
NVNT	n20	5180	Ant2	4500	-57.25	5.78	43.76	Average	54	Pass
NVNT	n20	5180	Ant2	5102	-45.29	5.78	55.72	Peak	68.2	Pass
NVNT	n20	5180	Ant2	5060	-54.84	5.78	46.17	Average	54	Pass
NVNT	n20	5180	Ant2	5150	-48.71	5.78	52.30	Peak	68.2	Pass
NVNT	n20	5180	Ant2	5150	-55.44	5.78	45.57	Average	54	Pass
NVNT	n20	5240	Ant2	5350	-50.02	5.78	50.99	Peak	68.2	Pass
NVNT	n20	5240	Ant2	5350	-57.21	5.78	43.80	Average	54	Pass
NVNT	n20	5240	Ant2	5378.88	-47.4	5.78	53.61	Peak	68.2	Pass
NVNT	n20	5240	Ant2	5359.92	-56.63	5.78	44.38	Average	54	Pass
NVNT	n20	5240	Ant2	5460	-49.98	5.78	51.03	Peak	68.2	Pass
NVNT	n20	5240	Ant2	5460	-57.21	5.78	43.80	Average	54	Pass
NVNT	n40	5190	Ant2	4500	-49.73	5.78	51.28	Peak	68.2	Pass
NVNT	n40	5190	Ant2	4500	-56.98	5.78	44.03	Average	54	Pass
NVNT	n40	5190	Ant2	5124.15	-45.82	5.78	55.19	Peak	68.2	Pass
NVNT	n40	5190	Ant2	5149.7	-54.82	5.78	46.19	Average	54	Pass
NVNT	n40	5190	Ant2	5150	-48.32	5.78	52.69	Peak	68.2	Pass
NVNT	n40	5190	Ant2	5150	-54.82	5.78	46.19	Average	54	Pass
NVNT	n40	5230	Ant2	5350	-49.73	5.78	51.28	Peak	68.2	Pass
NVNT	n40	5230	Ant2	5350	-56.52	5.78	44.49	Average	54	Pass
NVNT	n40	5230	Ant2	5441.1	-47.74	5.78	53.27	Peak	68.2	Pass
NVNT	n40	5230	Ant2	5374.41	-56.47	5.78	44.54	Average	54	Pass
NVNT	n40	5230	Ant2	5460	-49.81	5.78	51.20	Peak	68.2	Pass
NVNT	n40	5230	Ant2	5460	-56.92	5.78	44.09	Average	54	Pass
NVNT	ac20	5180	Ant2	4500	-49.62	5.78	51.39	Peak	68.2	Pass
NVNT	ac20	5180	Ant2	4500	-57.11	5.78	43.90	Average	54	Pass
NVNT	ac20	5180	Ant2	5074	-45.74	5.78	55.27	Peak	68.2	Pass

NVNT	ac20	5180	Ant2	5060	-55.04	5.78	45.97	Average	54	Pass
NVNT	ac20	5180	Ant2	5150	-47.42	5.78	53.59	Peak	68.2	Pass
NVNT	ac20	5180	Ant2	5150	-55.57	5.78	45.44	Average	54	Pass
NVNT	ac20	5240	Ant2	5350	-51.18	5.78	49.83	Peak	68.2	Pass
NVNT	ac20	5240	Ant2	5350	-57.25	5.78	43.76	Average	54	Pass
NVNT	ac20	5240	Ant2	5405.28	-46.81	5.78	54.20	Peak	68.2	Pass
NVNT	ac20	5240	Ant2	5359.92	-56.72	5.78	44.29	Average	54	Pass
NVNT	ac20	5240	Ant2	5460	-51.18	5.78	49.83	Peak	68.2	Pass
NVNT	ac20	5240	Ant2	5460	-57.12	5.78	43.89	Average	54	Pass
NVNT	ac40	5190	Ant2	4500	-49.82	5.78	51.19	Peak	68.2	Pass
NVNT	ac40	5190	Ant2	4500	-57.29	5.78	43.72	Average	54	Pass
NVNT	ac40	5190	Ant2	5056.26	-45.74	5.78	55.27	Peak	68.2	Pass
NVNT	ac40	5190	Ant2	5102.98	-55.1	5.78	45.91	Average	54	Pass
NVNT	ac40	5190	Ant2	5150	-48.42	5.78	52.59	Peak	68.2	Pass
NVNT	ac40	5190	Ant2	5150	-55.35	5.78	45.66	Average	54	Pass
NVNT	ac40	5230	Ant2	5350	-49.77	5.78	51.24	Peak	68.2	Pass
NVNT	ac40	5230	Ant2	5350	-55.46	5.78	45.55	Average	54	Pass
NVNT	ac40	5230	Ant2	5438.67	-47.44	5.78	53.57	Peak	68.2	Pass
NVNT	ac40	5230	Ant2	5432.73	-54.59	5.78	46.42	Average	54	Pass
NVNT	ac40	5230	Ant2	5460	-50.39	5.78	50.62	Peak	68.2	Pass
NVNT	ac40	5230	Ant2	5460	-56.18	5.78	44.83	Average	54	Pass
NVNT	ac80	5210	Ant2	5350	-48.94	5.78	52.07	Peak	68.2	Pass
NVNT	ac80	5210	Ant2	5350	-56.05	5.78	44.96	Average	54	Pass
NVNT	ac80	5210	Ant2	5366.61	-46.89	5.78	54.12	Peak	68.2	Pass
NVNT	ac80	5210	Ant2	5394.33	-55.32	5.78	45.69	Average	54	Pass
NVNT	ac80	5210	Ant2	5460	-50.63	5.78	50.38	Peak	68.2	Pass
NVNT	ac80	5210	Ant2	5460	-55.77	5.78	45.24	Average	54	Pass
NVNT	ac80	5210	Ant2	4500	-50.66	5.78	50.35	Peak	68.2	Pass
NVNT	ac80	5210	Ant2	4500	-56.72	5.78	44.29	Average	54	Pass
NVNT	ac80	5210	Ant2	5041.94	-46.23	5.78	54.78	Peak	68.2	Pass
NVNT	ac80	5210	Ant2	5149.38	-52.46	5.78	48.55	Average	54	Pass
NVNT	ac80	5210	Ant2	5150	-47.47	5.78	53.54	Peak	68.2	Pass
NVNT	ac80	5210	Ant2	5150	-52.17	5.78	48.84	Average	54	Pass
NVNT	ax20	5180	Ant2	4500	-49.85	5.78	51.16	Peak	68.2	Pass
NVNT	ax20	5180	Ant2	4500	-57.09	5.78	43.92	Average	54	Pass
NVNT	ax20	5180	Ant2	5064.2	-45.77	5.78	55.24	Peak	68.2	Pass
NVNT	ax20	5180	Ant2	5139.8	-54.96	5.78	46.05	Average	54	Pass
NVNT	ax20	5180	Ant2	5150	-47.37	5.78	53.64	Peak	68.2	Pass
NVNT	ax20	5180	Ant2	5150	-55.34	5.78	45.67	Average	54	Pass
NVNT	ax20	5240	Ant2	5350	-49.45	5.78	51.56	Peak	68.2	Pass
NVNT	ax20	5240	Ant2	5350	-57.19	5.78	43.82	Average	54	Pass

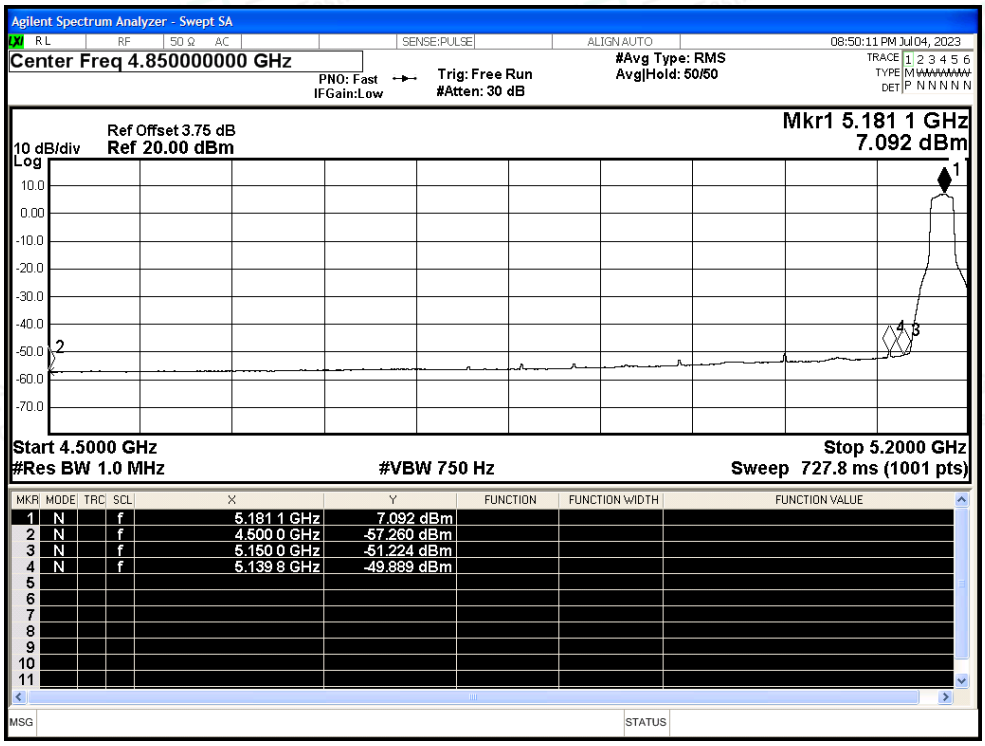
NVNT	ax20	5240	Ant2	5354.16	-47.4	5.78	53.61	Peak	68.2	Pass
NVNT	ax20	5240	Ant2	5359.92	-56.66	5.78	44.35	Average	54	Pass
NVNT	ax20	5240	Ant2	5460	-49.51	5.78	51.50	Peak	68.2	Pass
NVNT	ax20	5240	Ant2	5460	-57.11	5.78	43.90	Average	54	Pass
NVNT	ax40	5190	Ant2	4500	-50.5	5.78	50.51	Peak	68.2	Pass
NVNT	ax40	5190	Ant2	4500	-56.92	5.78	44.09	Average	54	Pass
NVNT	ax40	5190	Ant2	5046.77	-45.92	5.78	55.09	Peak	68.2	Pass
NVNT	ax40	5190	Ant2	5149.7	-54.22	5.78	46.79	Average	54	Pass
NVNT	ax40	5190	Ant2	5150	-46.84	5.78	54.17	Peak	68.2	Pass
NVNT	ax40	5190	Ant2	5150	-54.22	5.78	46.79	Average	54	Pass
NVNT	ax40	5230	Ant2	5350	-49.78	5.78	51.23	Peak	68.2	Pass
NVNT	ax40	5230	Ant2	5350	-56.34	5.78	44.67	Average	54	Pass
NVNT	ax40	5230	Ant2	5402.49	-47.27	5.78	53.74	Peak	68.2	Pass
NVNT	ax40	5230	Ant2	5445.15	-56.28	5.78	44.73	Average	54	Pass
NVNT	ax40	5230	Ant2	5460	-51.68	5.78	49.33	Peak	68.2	Pass
NVNT	ax40	5230	Ant2	5460	-56.96	5.78	44.05	Average	54	Pass
NVNT	ax80	5210	Ant2	5350	-49.81	5.78	51.20	Peak	68.2	Pass
NVNT	ax80	5210	Ant2	5350	-55.65	5.78	45.36	Average	54	Pass
NVNT	ax80	5210	Ant2	5377.5	-46.73	5.78	54.28	Peak	68.2	Pass
NVNT	ax80	5210	Ant2	5454.06	-55.32	5.78	45.69	Average	54	Pass
NVNT	ax80	5210	Ant2	5460	-47.81	5.78	53.20	Peak	68.2	Pass
NVNT	ax80	5210	Ant2	5460	-55.83	5.78	45.18	Average	54	Pass
NVNT	ax80	5210	Ant2	4500	-48.65	5.78	52.36	Peak	68.2	Pass
NVNT	ax80	5210	Ant2	4500	-56.83	5.78	44.18	Average	54	Pass
NVNT	ax80	5210	Ant2	5143.85	-45.11	5.78	55.90	Peak	68.2	Pass
NVNT	ax80	5210	Ant2	5149.38	-52.51	5.78	48.50	Average	54	Pass
NVNT	ax80	5210	Ant2	5150	-47.08	5.78	53.93	Peak	68.2	Pass
NVNT	ax80	5210	Ant2	5150	-52.53	5.78	48.48	Average	54	Pass

Test Graphs

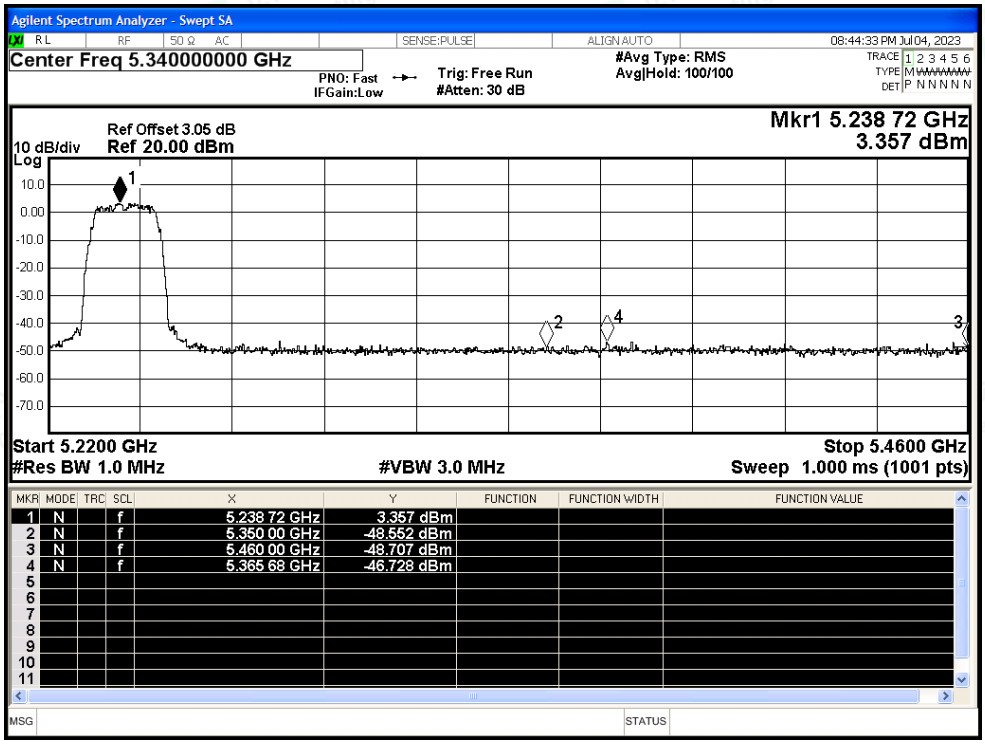
Restrict Band NVNT a 5180MHz Ant2 Peak



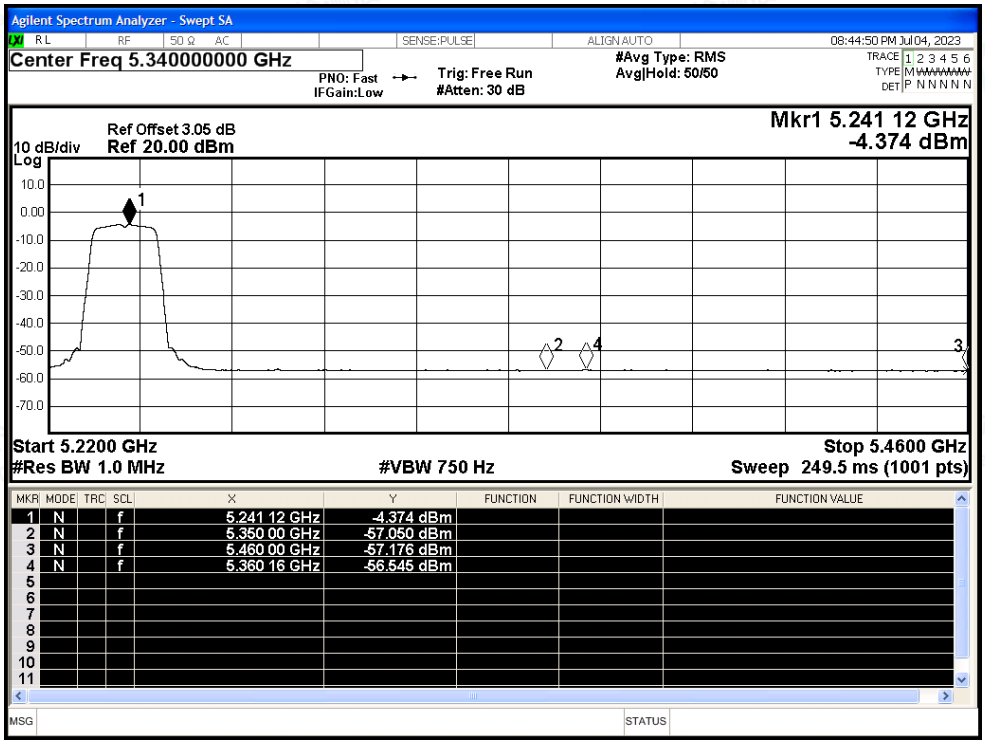
Restrict Band NVNT a 5180MHz Ant2 Average



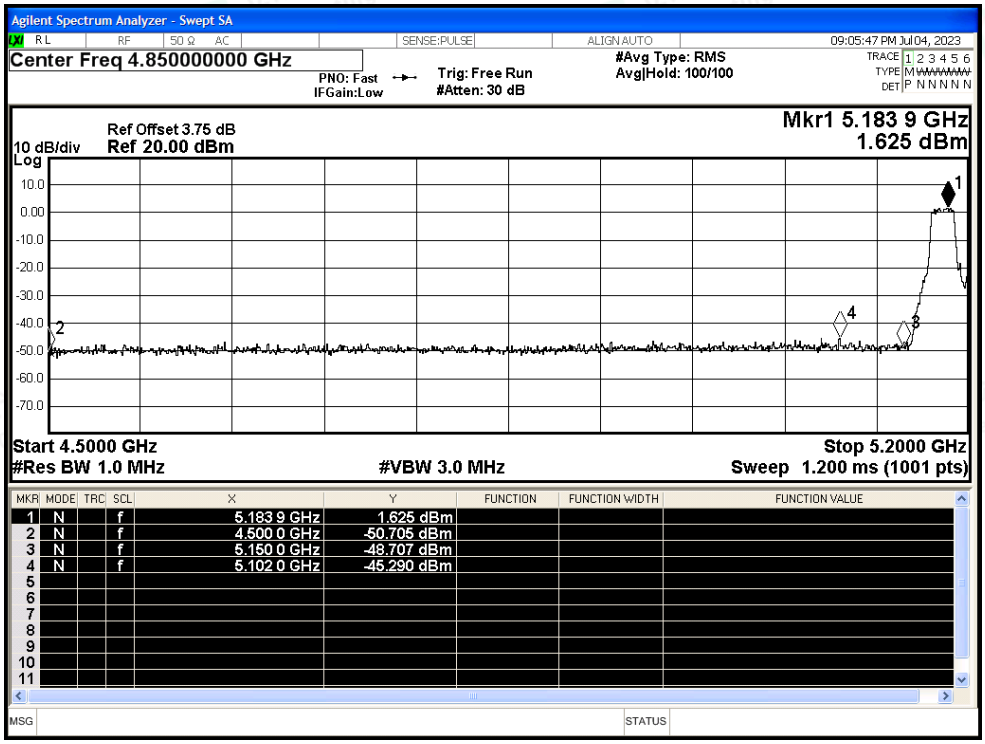
Restrict Band NVNT a 5240MHz Ant2 Peak



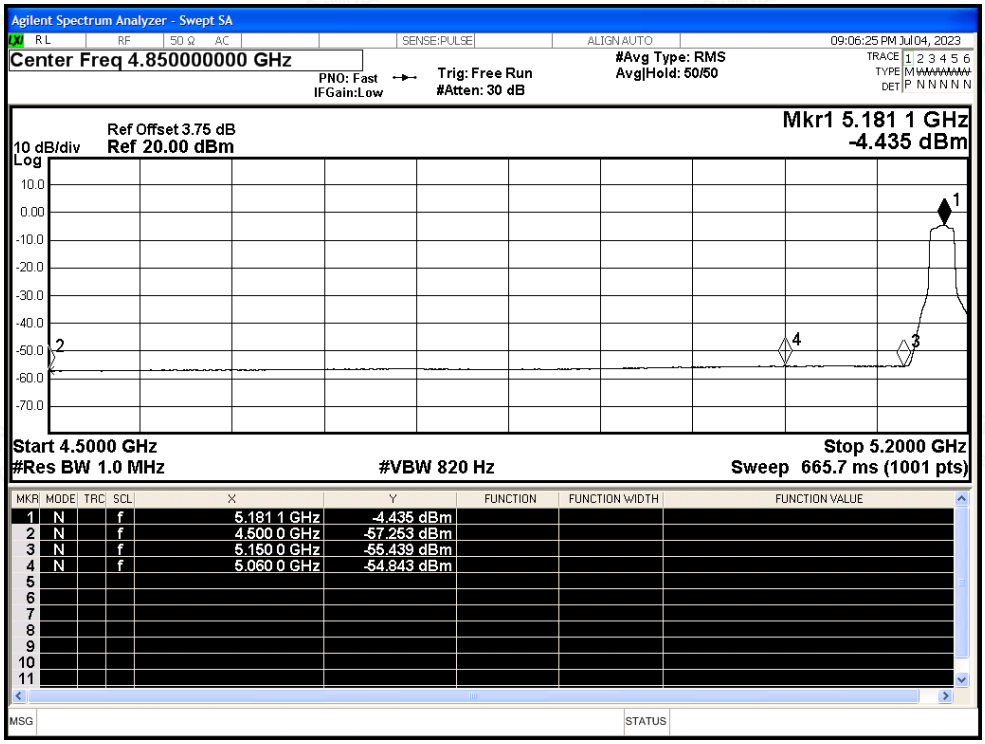
Restrict Band NVNT a 5240MHz Ant2 Average



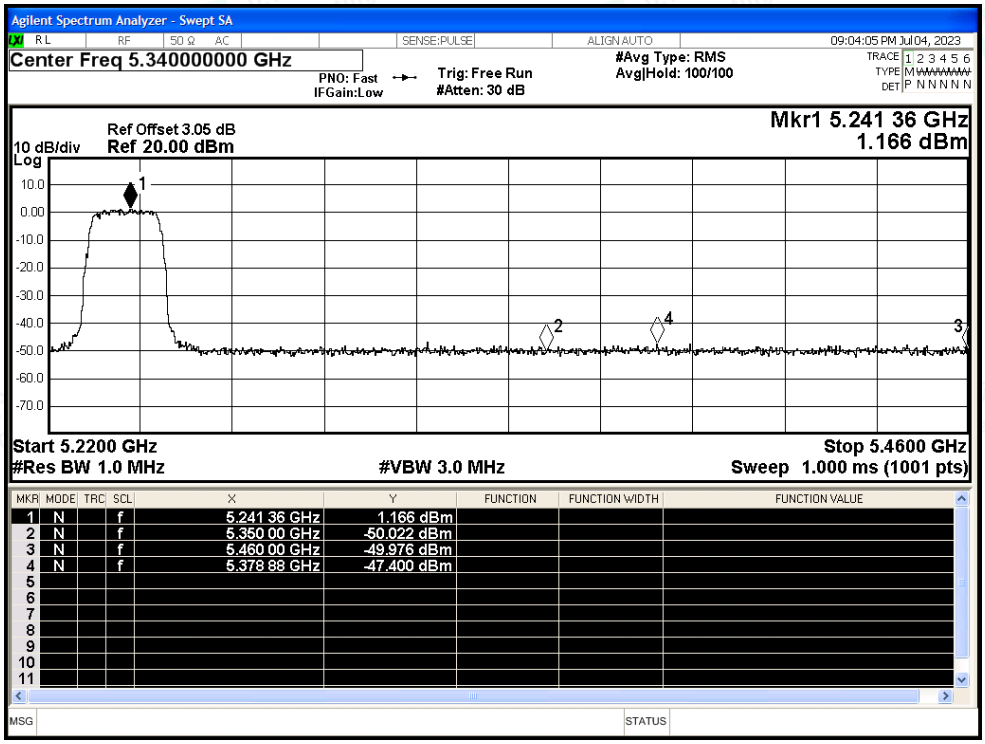
Restrict Band NVNT n20 5180MHz Ant2 Peak



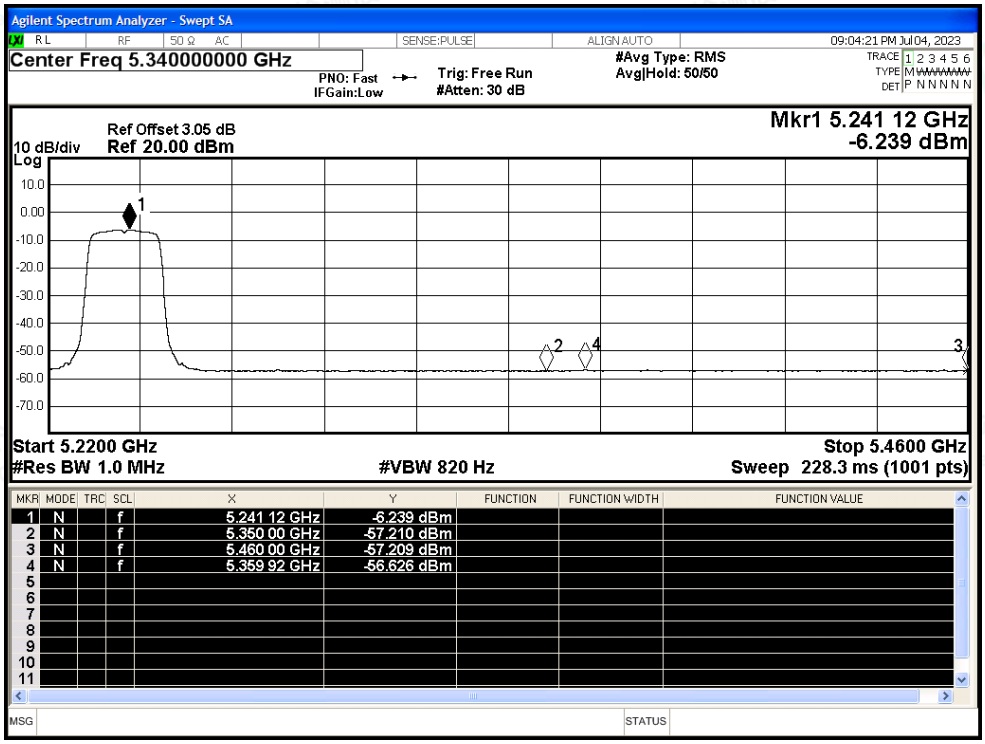
Restrict Band NVNT n20 5180MHz Ant2 Average



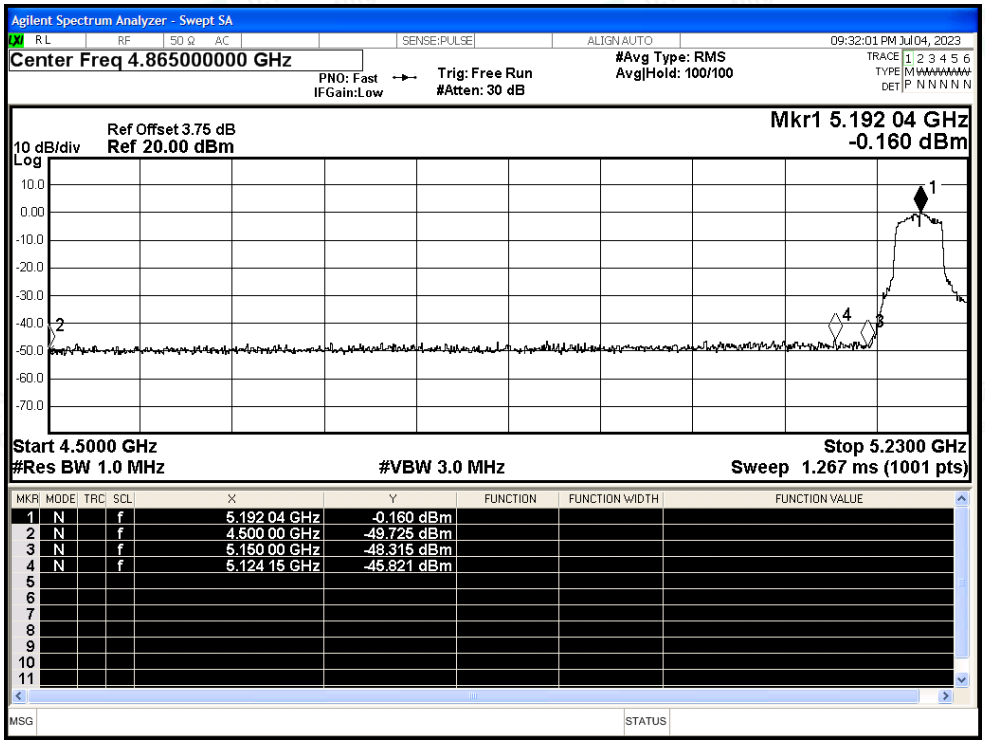
Restrict Band NVNT n20 5240MHz Ant2 Peak



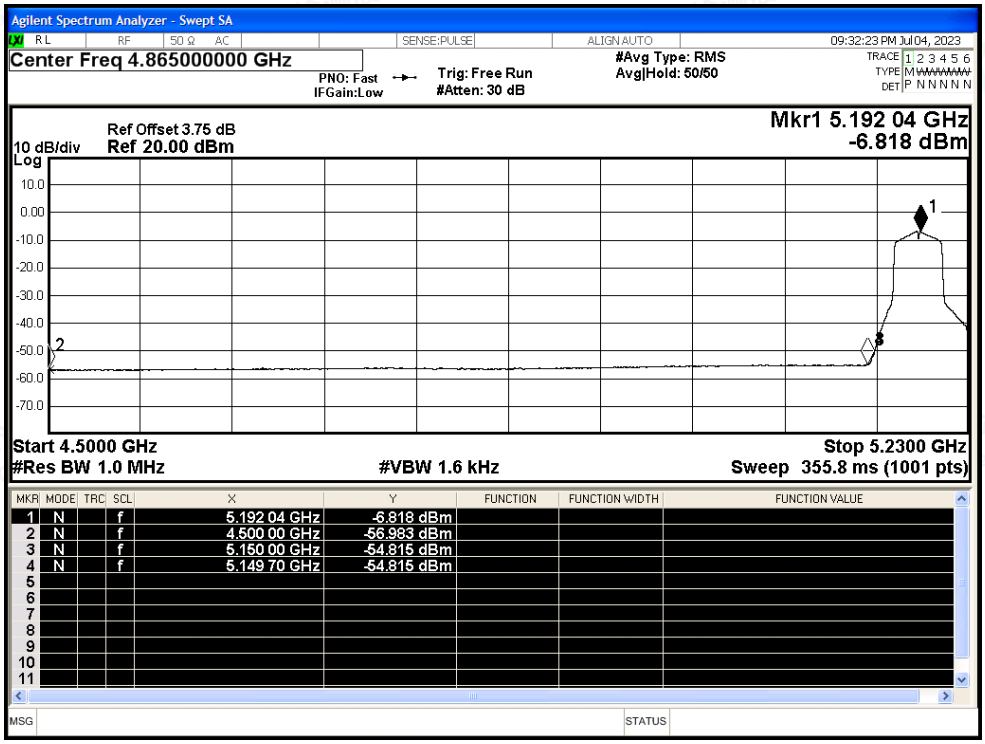
Restrict Band NVNT n20 5240MHz Ant2 Average



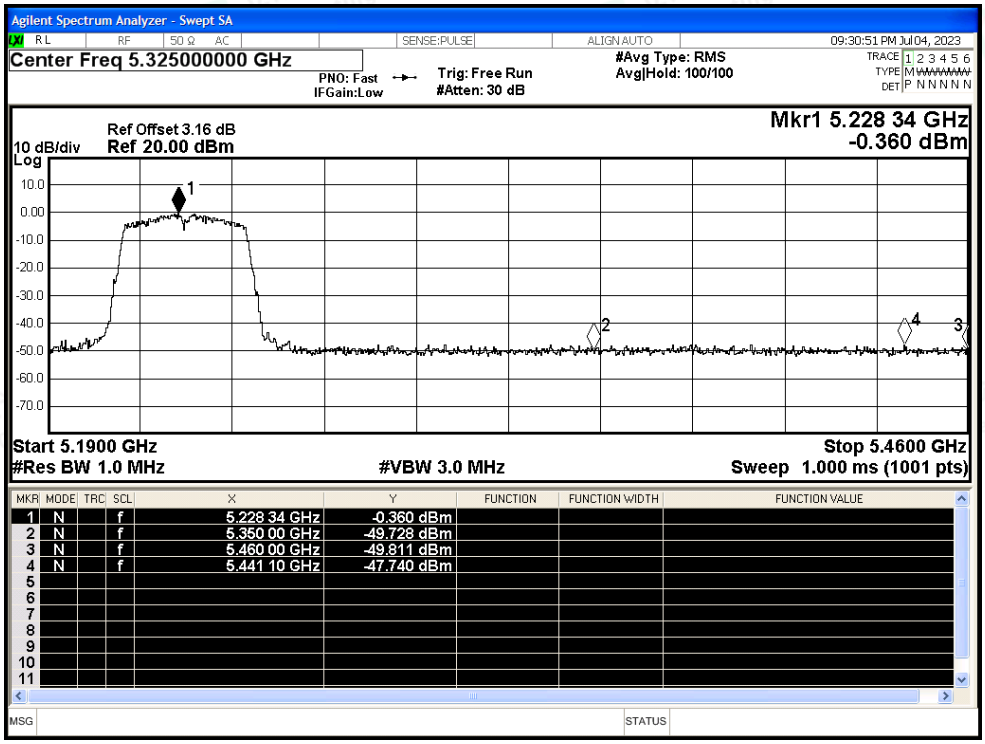
Restrict Band NVNT n40 5190MHz Ant2 Peak



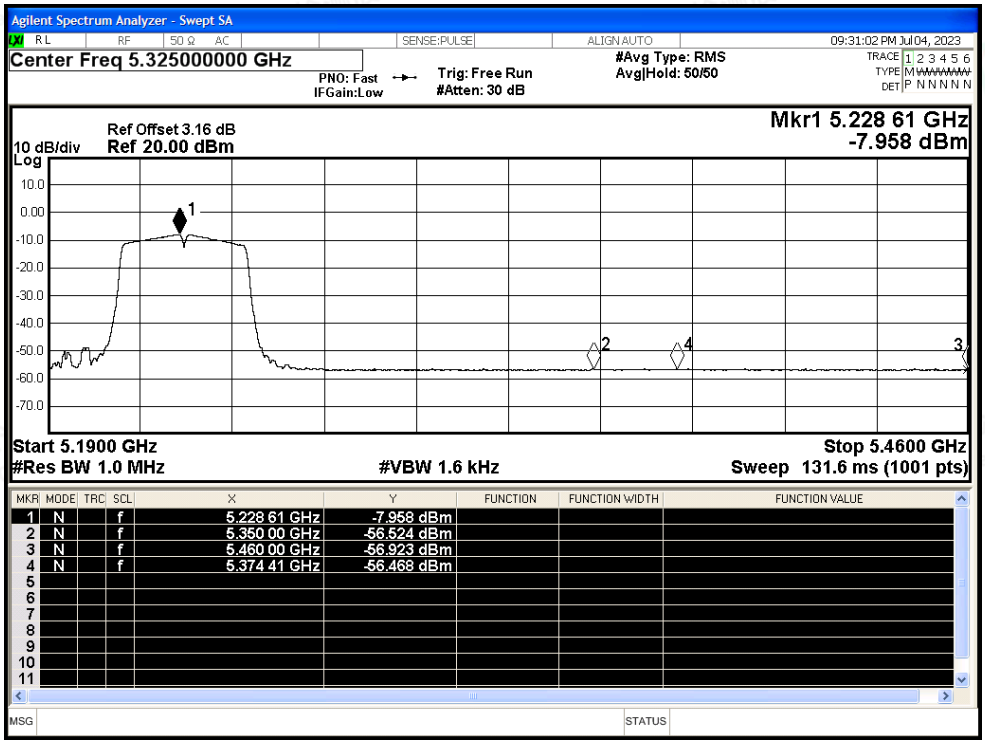
Restrict Band NVNT n40 5190MHz Ant2 Average



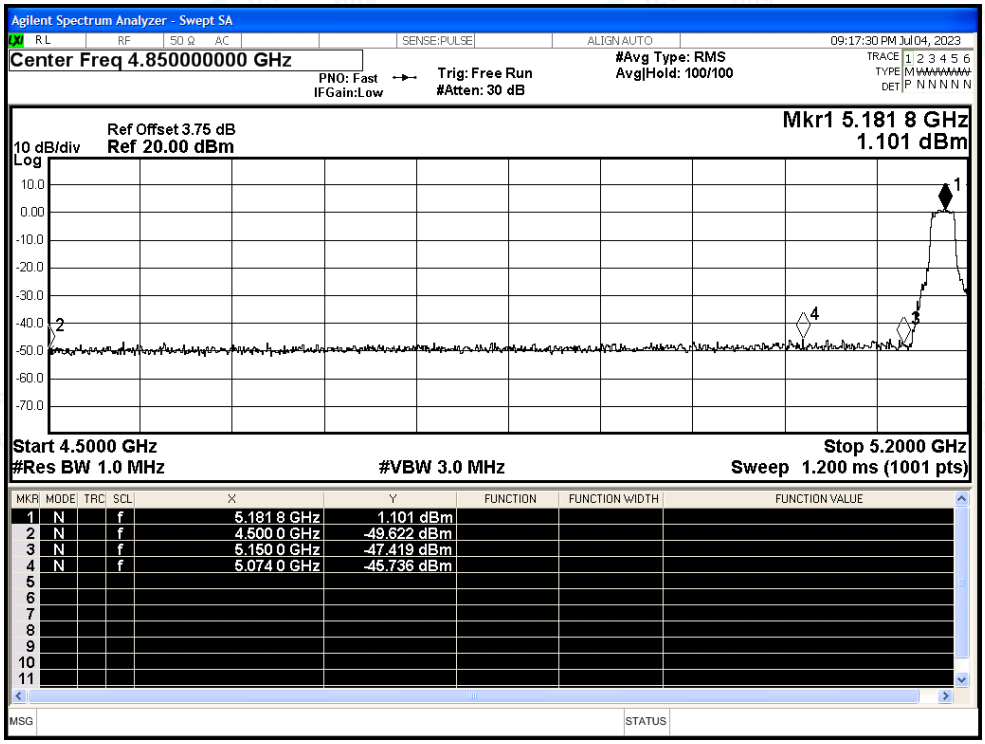
Restrict Band NVNT n40 5230MHz Ant2 Peak



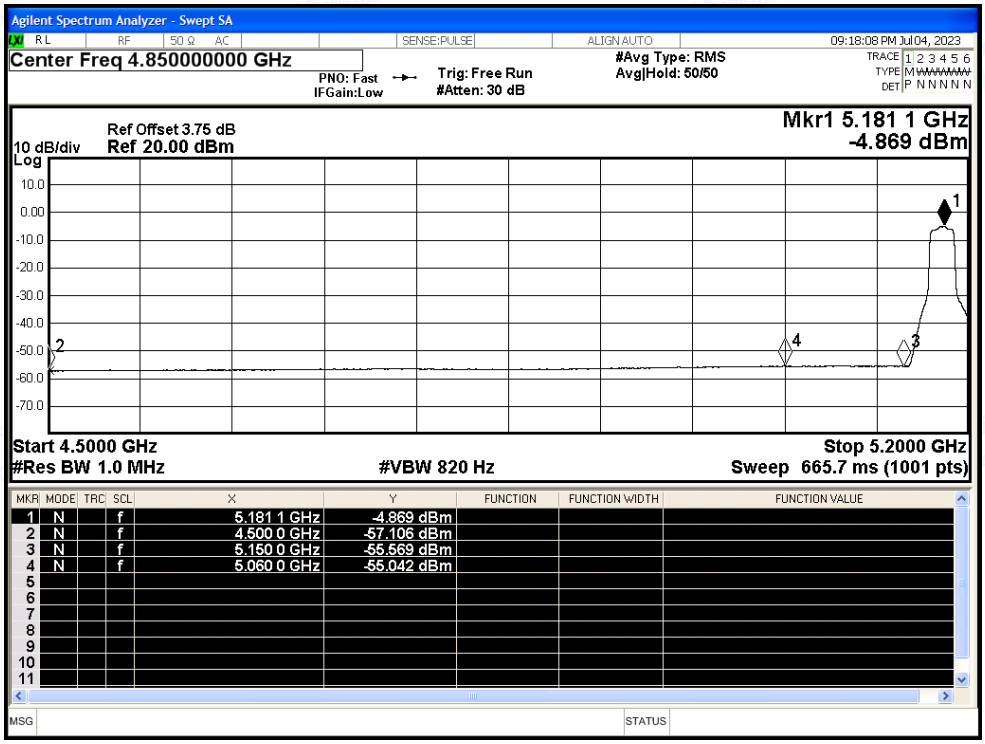
Restrict Band NVNT n40 5230MHz Ant2 Average



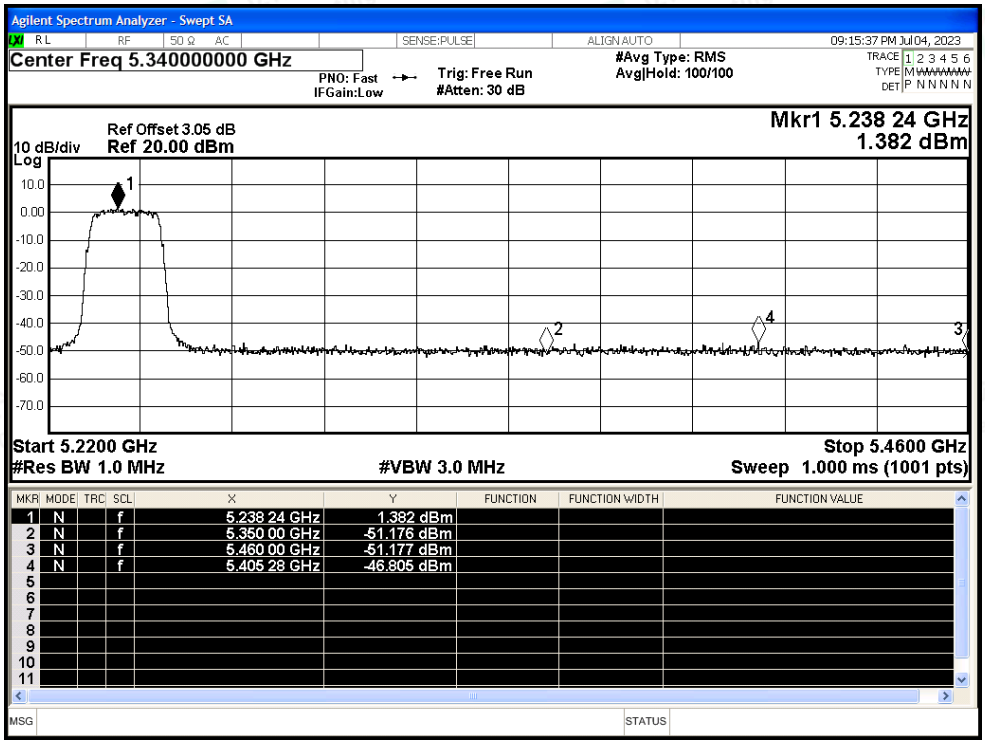
Restrict Band NVNT ac20 5180MHz Ant2 Peak



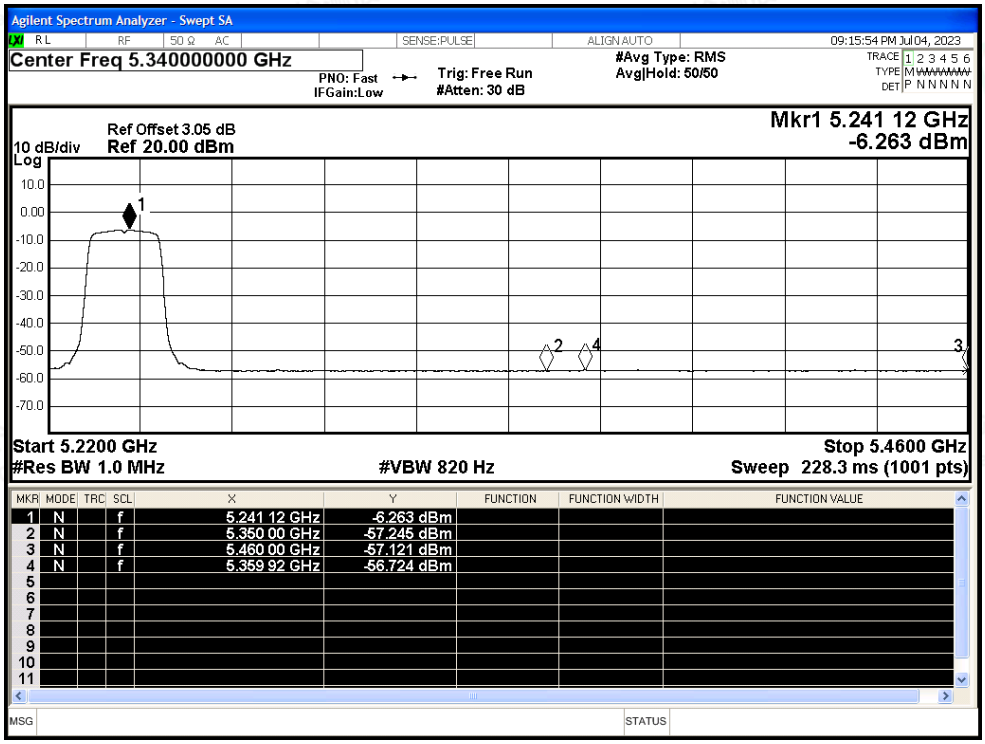
Restrict Band NVNT ac20 5180MHz Ant2 Average



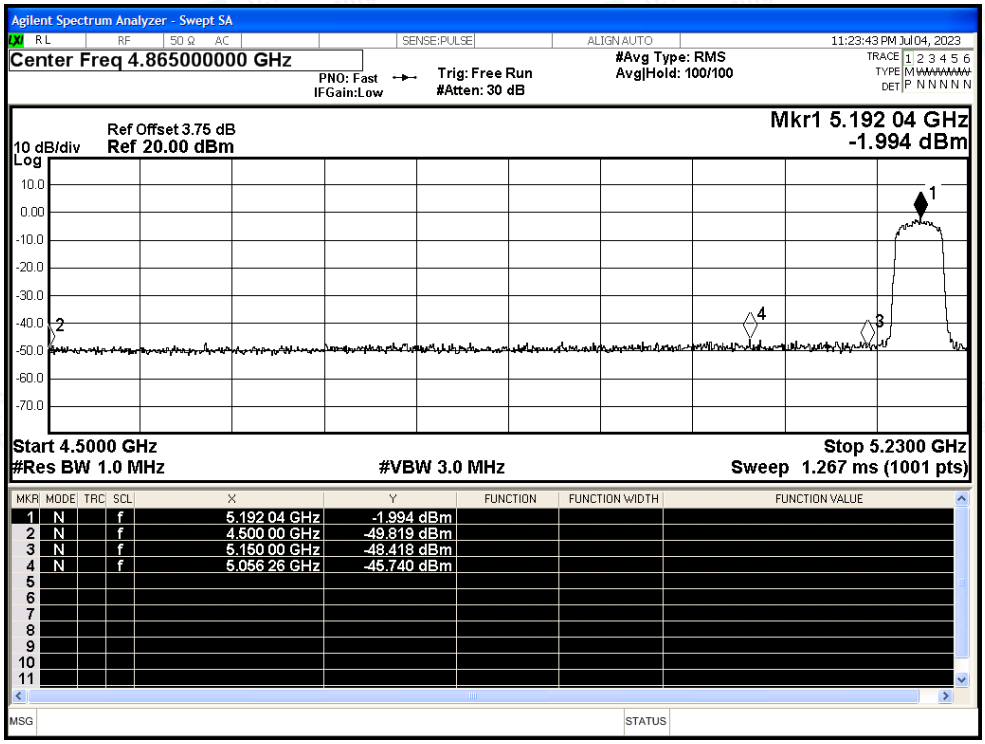
Restrict Band NVNT ac20 5240MHz Ant2 Peak



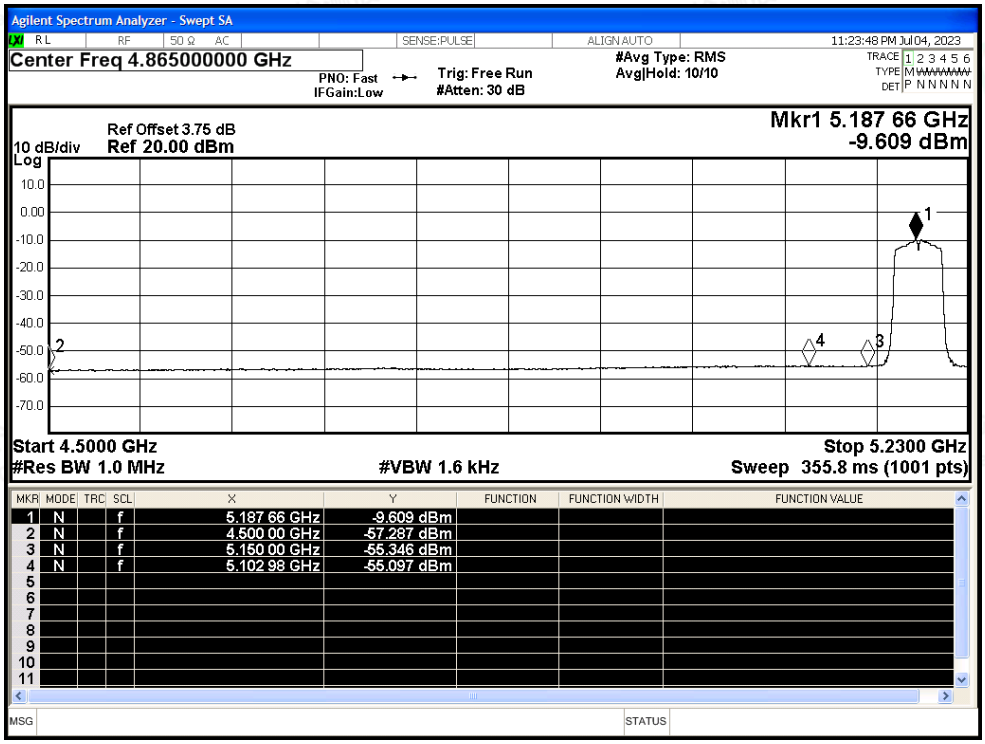
Restrict Band NVNT ac20 5240MHz Ant2 Average



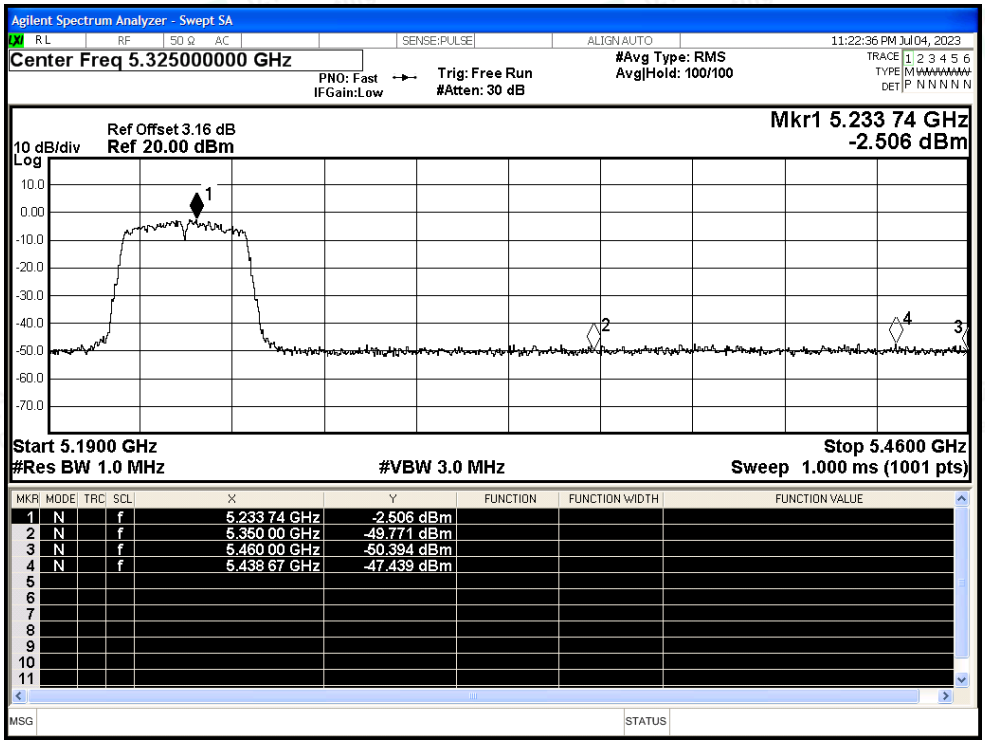
Restrict Band NVNT ac40 5190MHz Ant2 Peak



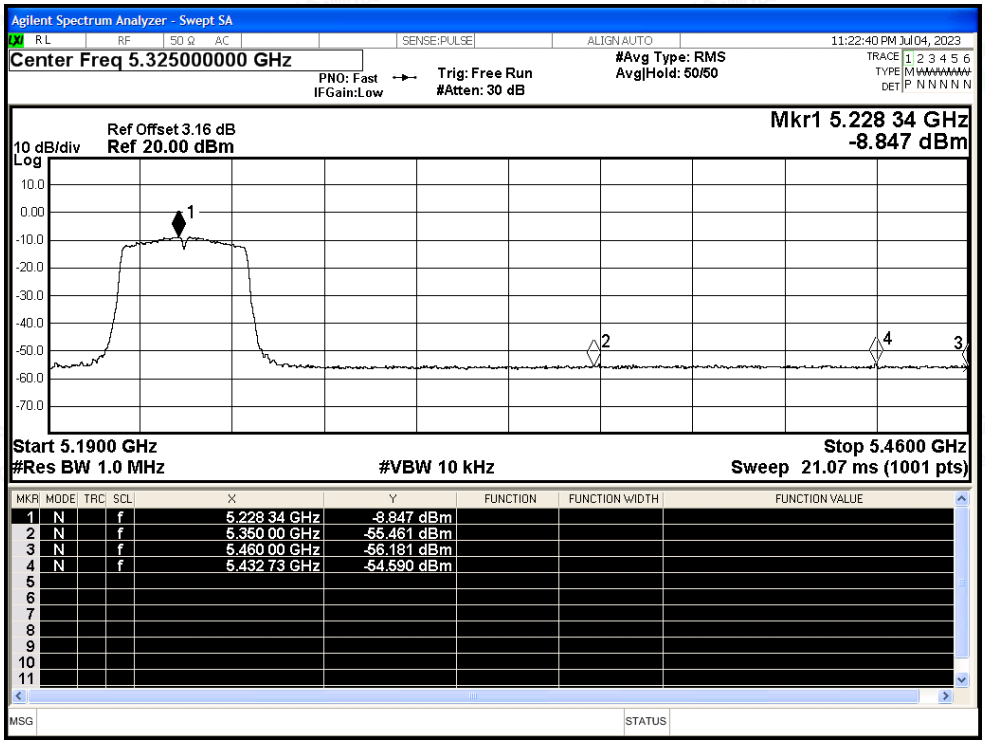
Restrict Band NVNT ac40 5190MHz Ant2 Average



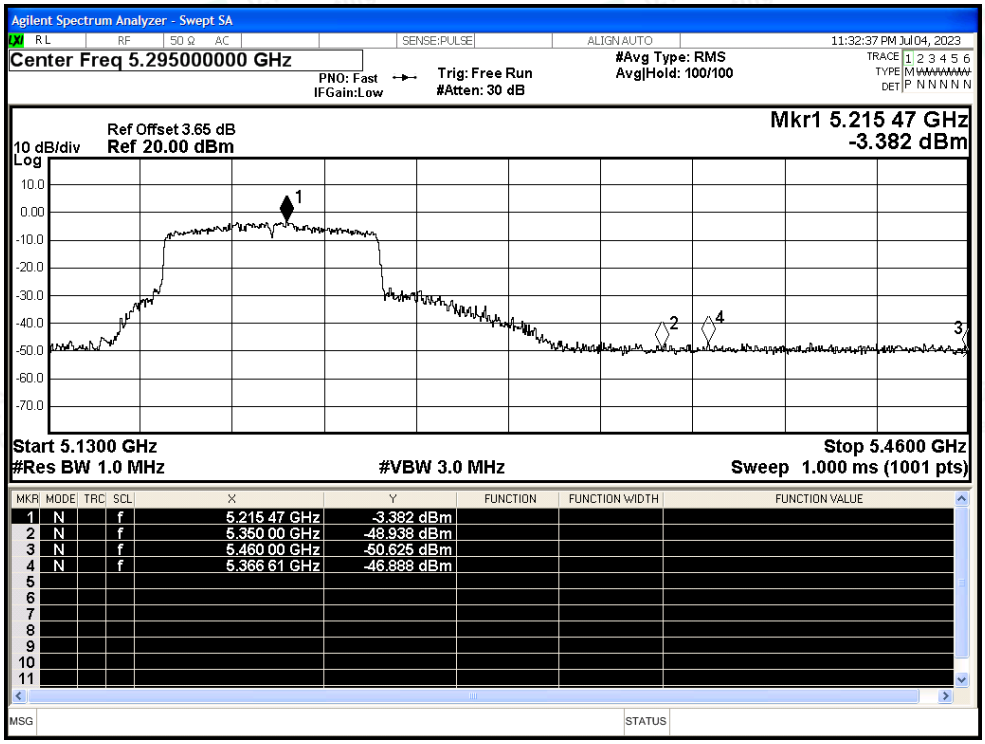
Restrict Band NVNT ac40 5230MHz Ant2 Peak



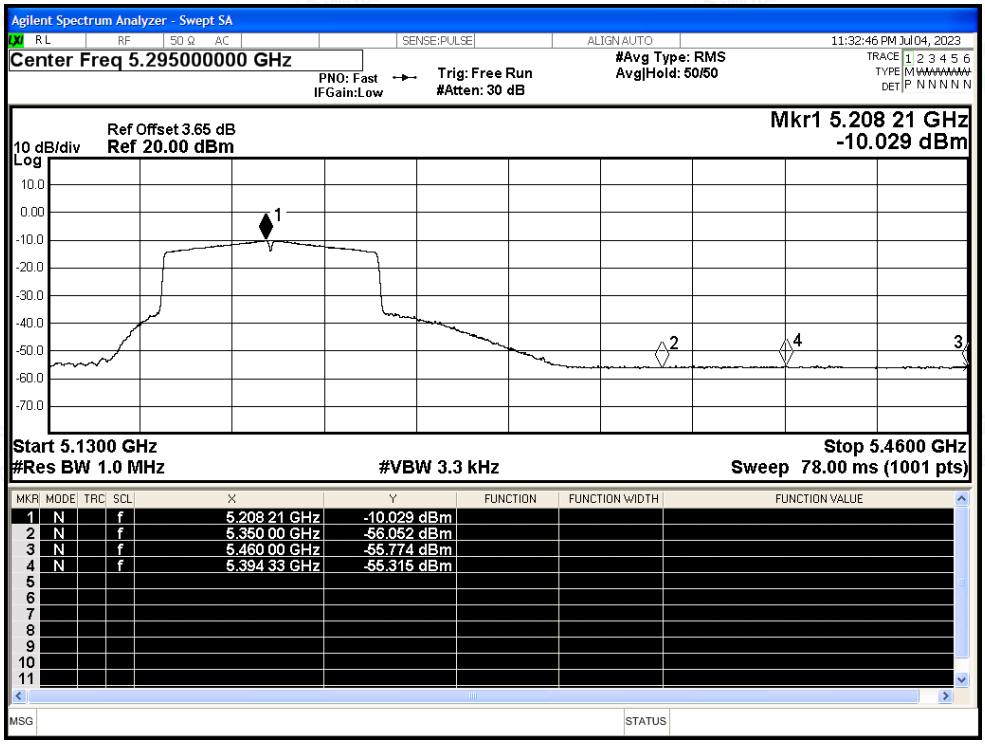
Restrict Band NVNT ac40 5230MHz Ant2 Average



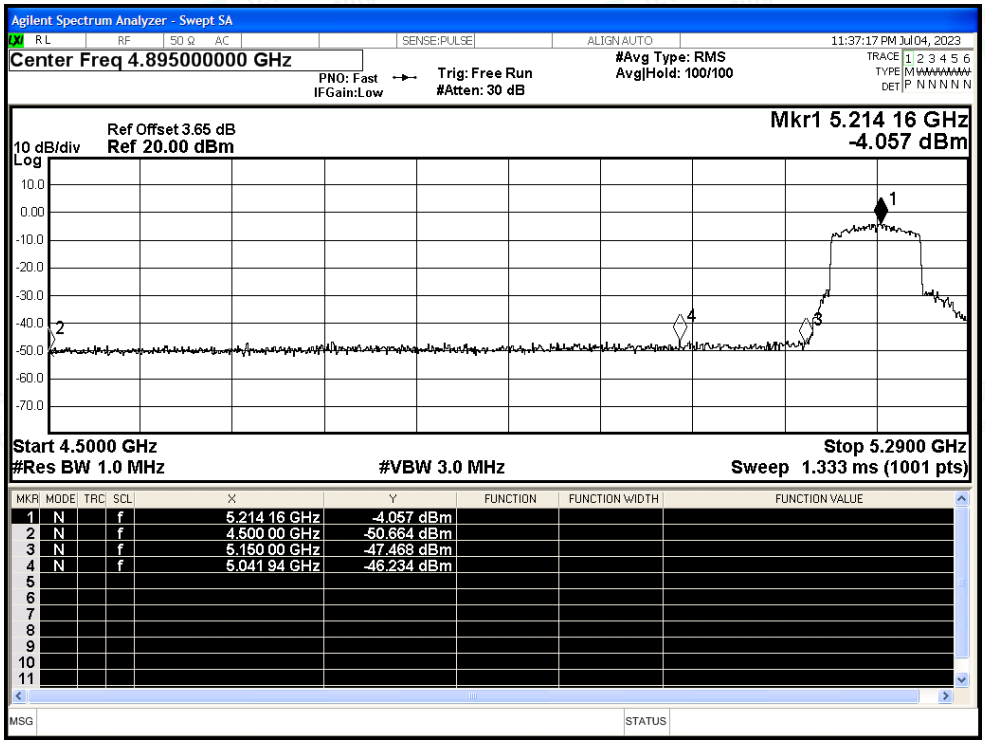
Restrict Band NVNT ac80 5210MHz Ant2 Peak



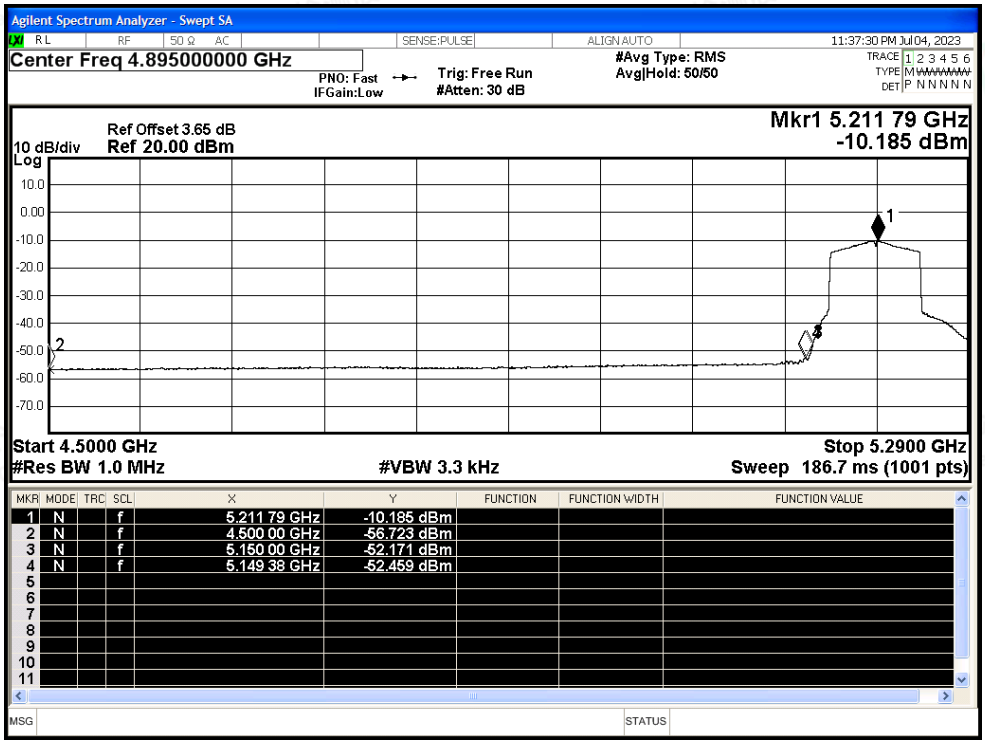
Restrict Band NVNT ac80 5210MHz Ant2 Average



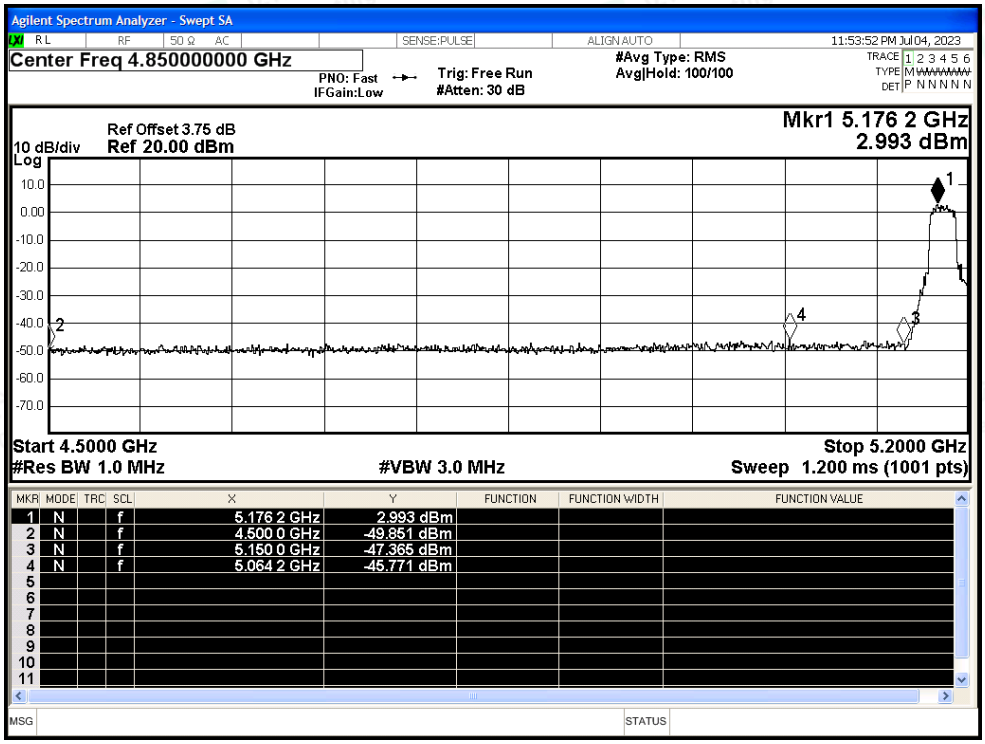
Restrict Band NVNT ac80 5210MHz Ant2 Peak



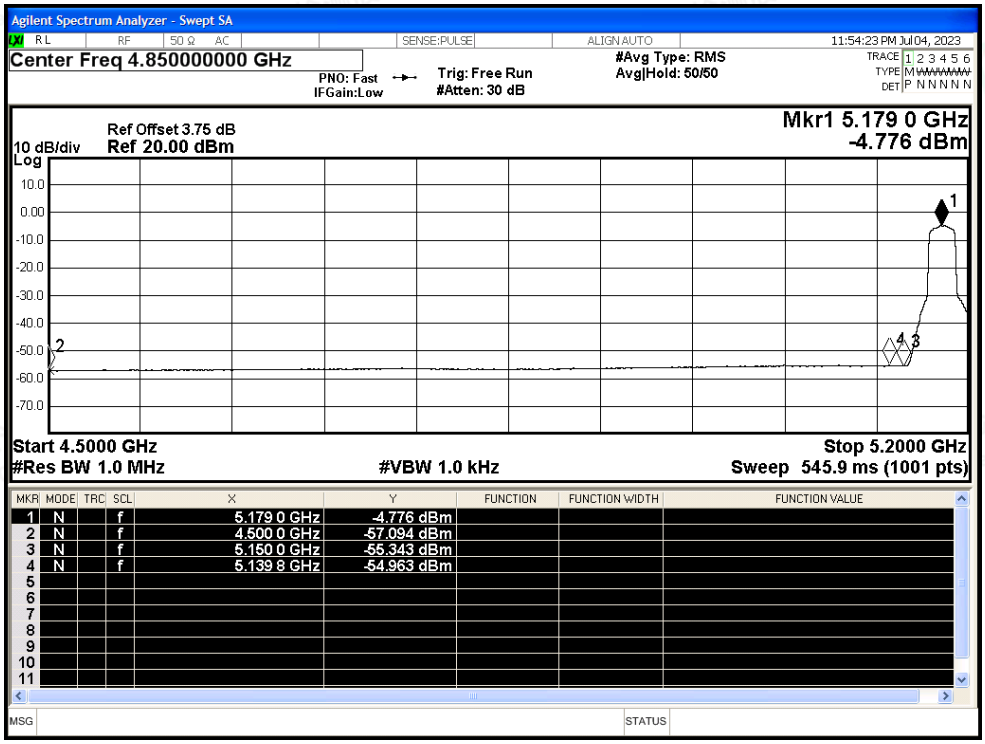
Restrict Band NVNT ac80 5210MHz Ant2 Average



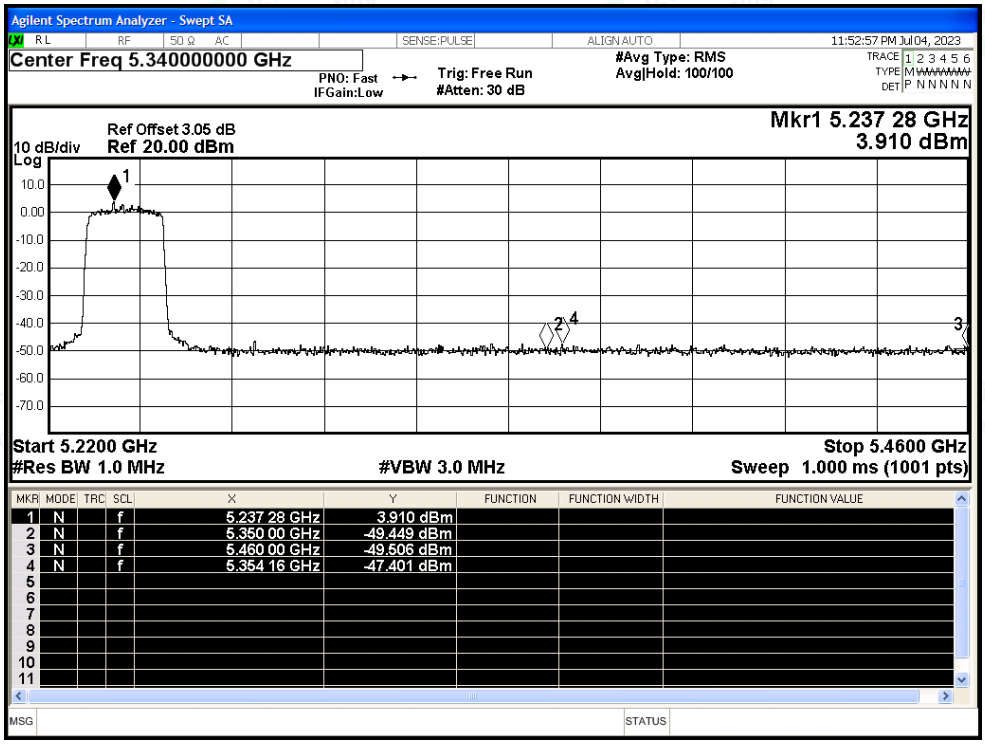
Restrict Band NVNT ax20 5180MHz Ant2 Peak



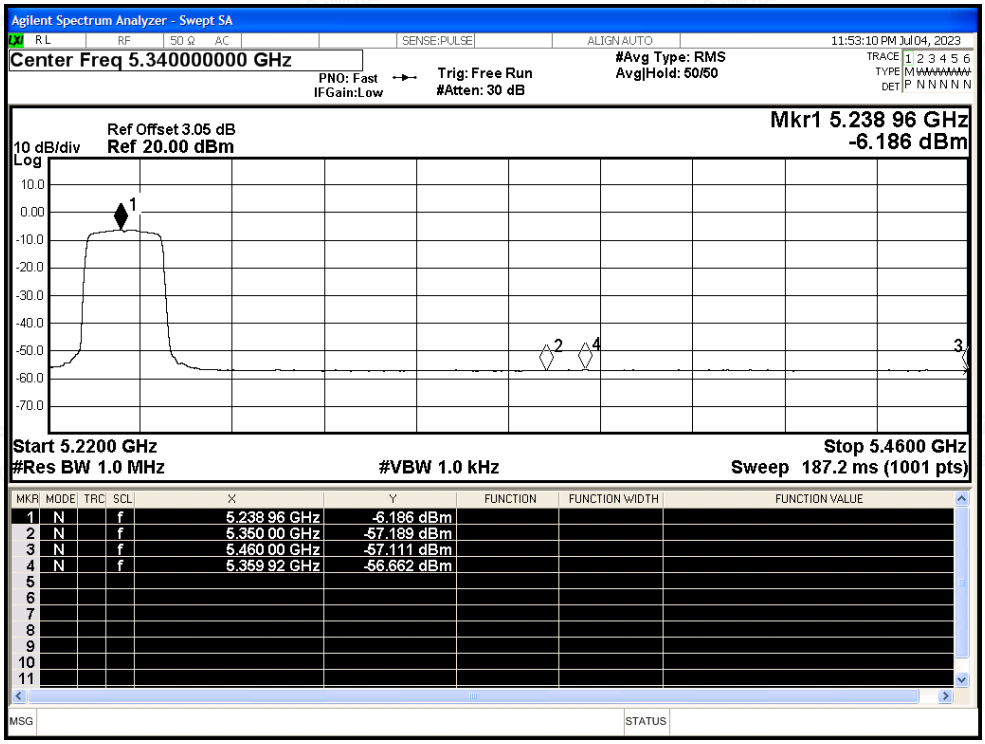
Restrict Band NVNT ax20 5180MHz Ant2 Average



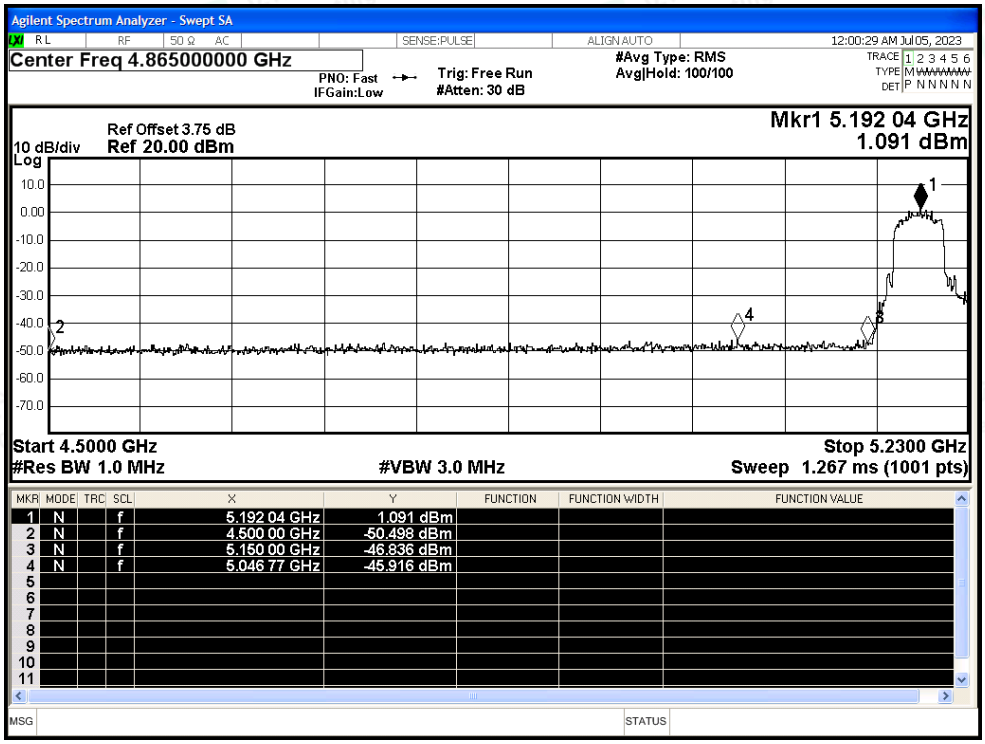
Restrict Band NVNT ax20 5240MHz Ant2 Peak



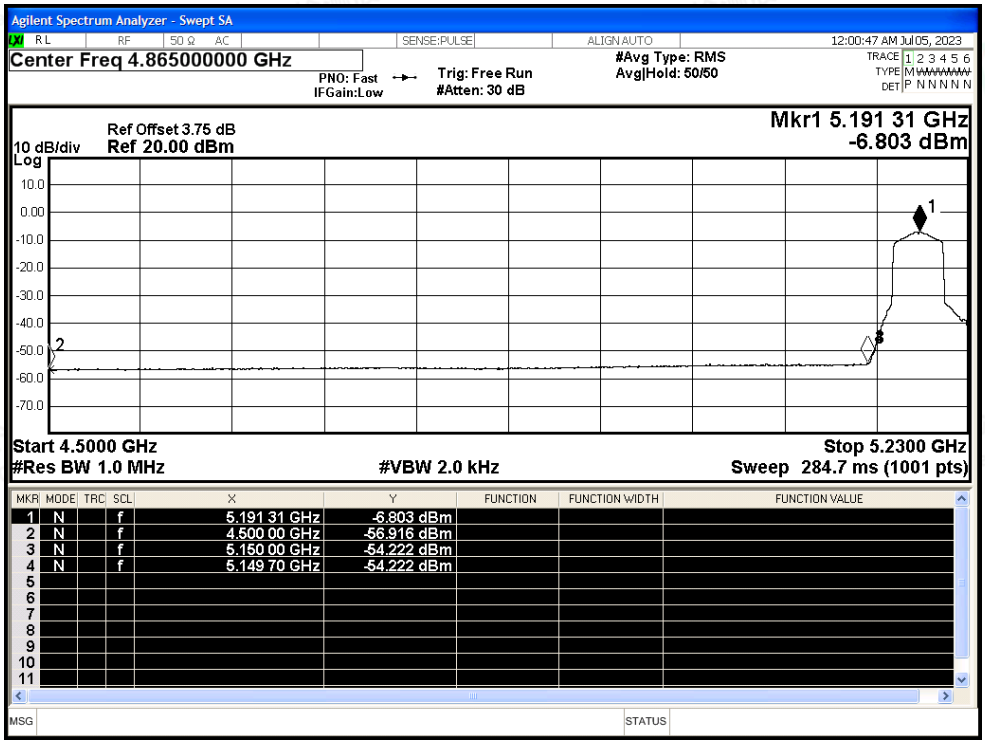
Restrict Band NVNT ax20 5240MHz Ant2 Average



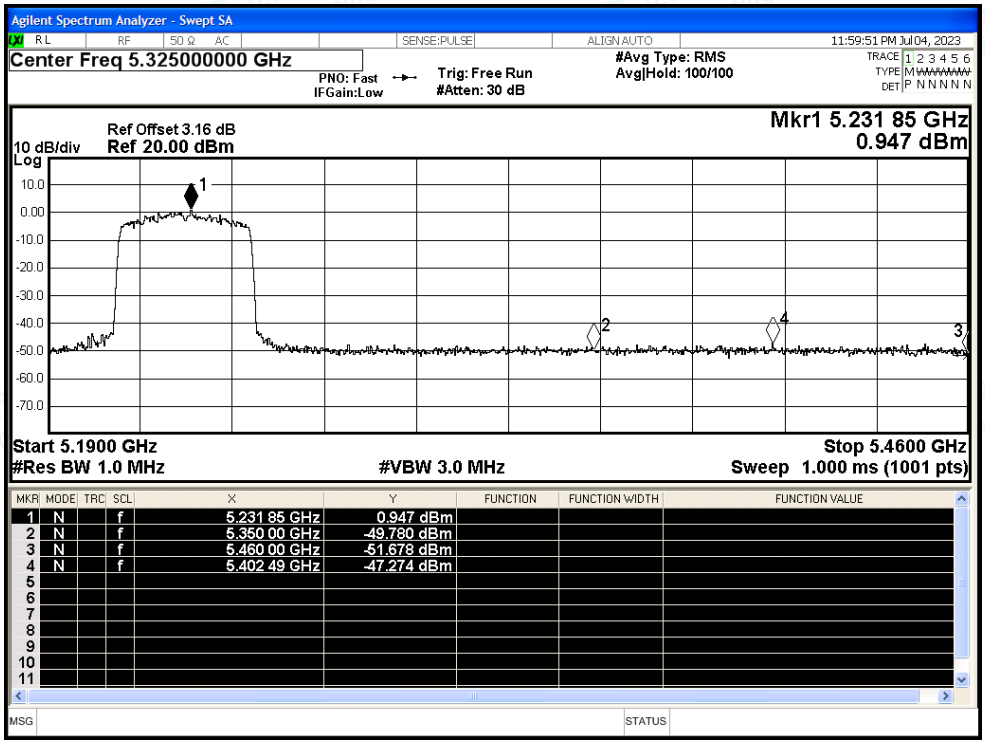
Restrict Band NVNT ax40 5190MHz Ant2 Peak



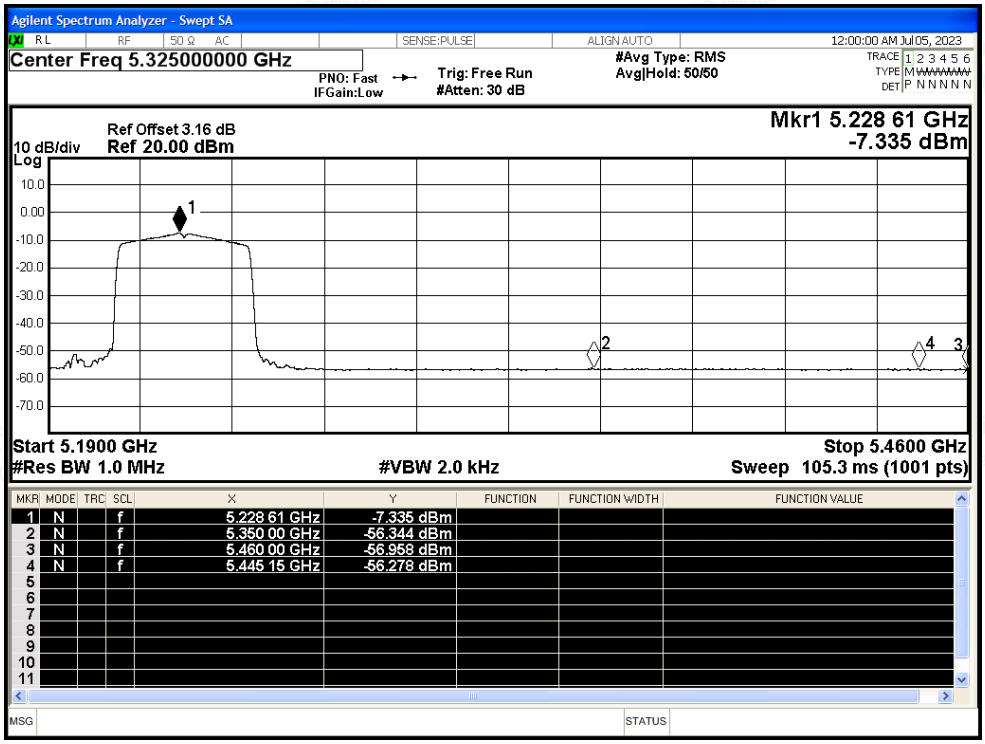
Restrict Band NVNT ax40 5190MHz Ant2 Average



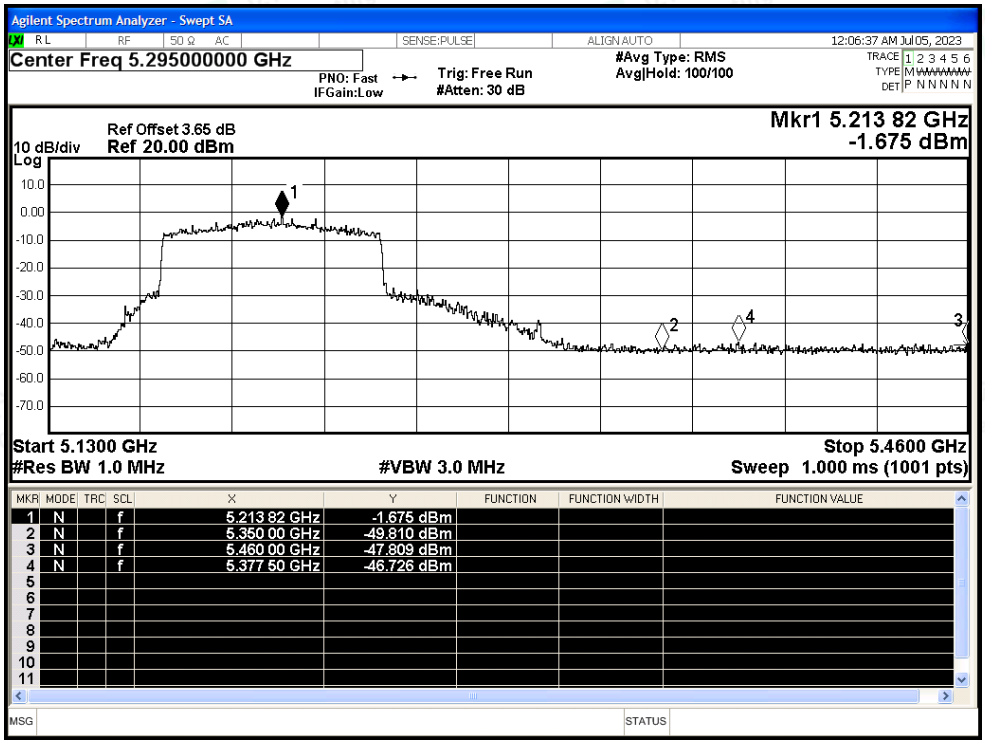
Restrict Band NVNT ax40 5230MHz Ant2 Peak



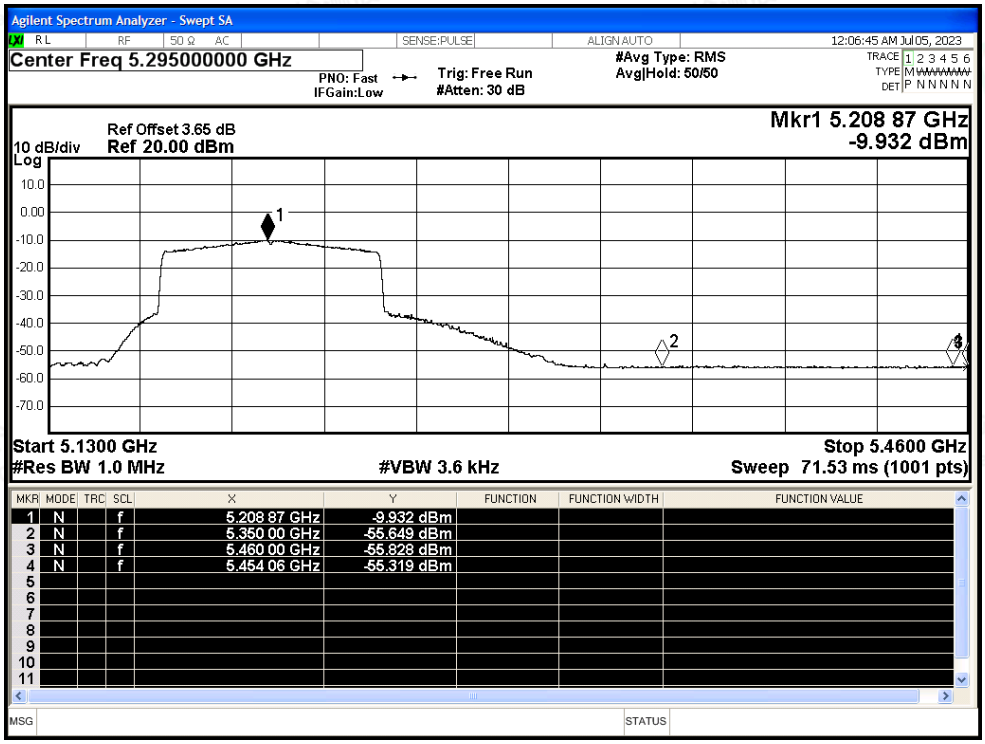
Restrict Band NVNT ax40 5230MHz Ant2 Average



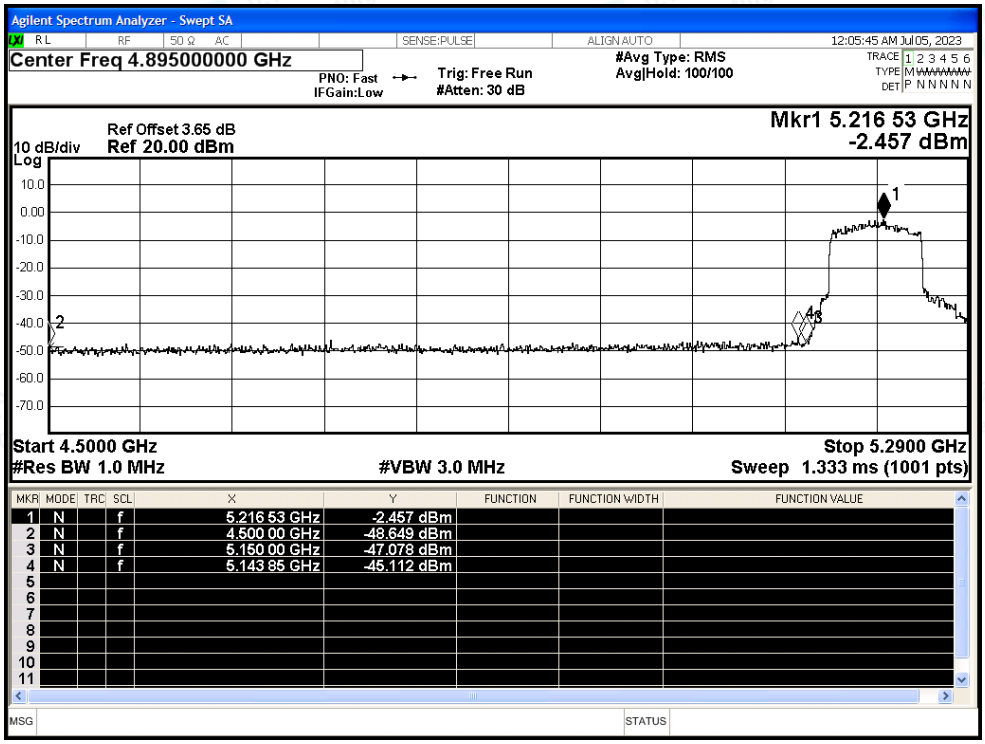
Restrict Band NVNT ax80 5210MHz Ant2 Peak



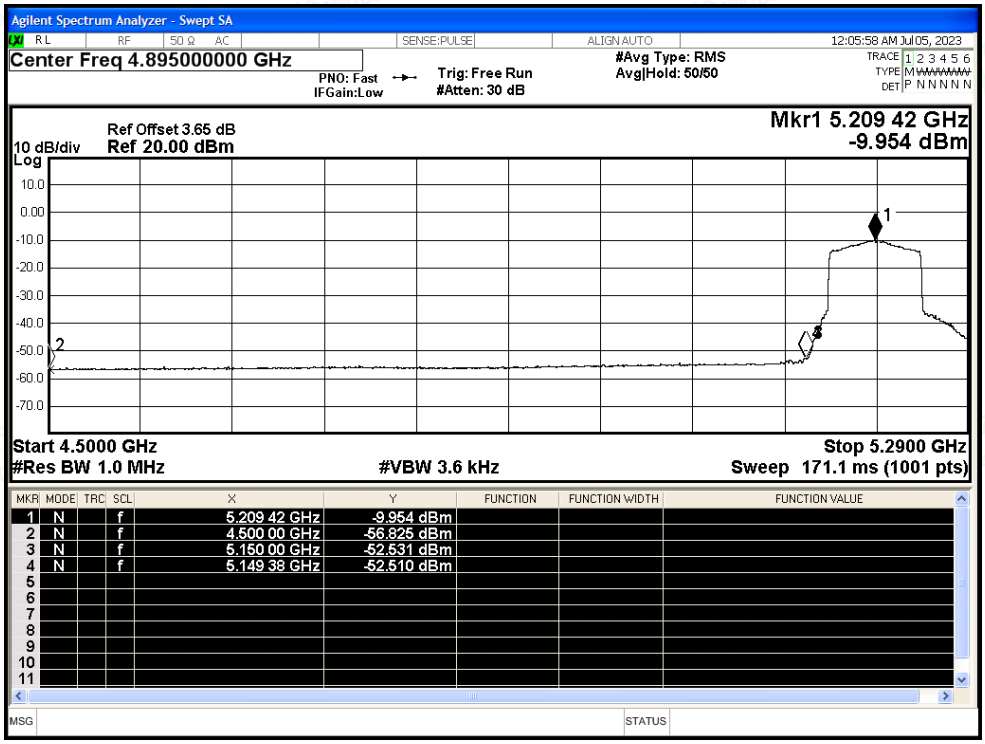
Restrict Band NVNT ax80 5210MHz Ant2 Average



Restrict Band NVNT ax80 5210MHz Ant2 Peak



Restrict Band NVNT ax80 5210MHz Ant2 Average



MIMO:

Condition	Mode	Frequency (MHz)	Spur Freq (MHz)	Antenna		Power (dBm)	Gain (dBi)	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
				Ant0	Ant01						
NVNT	n20	5180	4500	-51.53	-49.25	-47.23	8.79	56.79	Peak	68.2	Pass
NVNT	n20	5180	4500	-57.16	-57.18	-54.16	8.79	49.86	Average	54	Pass
NVNT	n20	5180	5150	-48.17	-47.88	-45.01	8.79	59.01	Peak	68.2	Pass
NVNT	n20	5180	5150	-55.18	-55.15	-52.15	8.79	51.87	Average	54	Pass
NVNT	n20	5240	5350	-49.9	-49.24	-46.55	8.79	57.47	Peak	68.2	Pass
NVNT	n20	5240	5350	-56.9	-56.86	-53.87	8.79	50.15	Average	54	Pass
NVNT	n20	5240	5460	-49.07	-51.09	-46.95	8.79	57.07	Peak	68.2	Pass
NVNT	n20	5240	5460	-57.17	-57.15	-54.15	8.79	49.87	Average	54	Pass
NVNT	n40	5190	4500	-50.58	-50.18	-47.37	8.79	56.65	Peak	68.2	Pass
NVNT	n40	5190	4500	-56.93	-57.12	-54.01	8.79	50.01	Average	54	Pass
NVNT	n40	5190	5150	-48.57	-47.94	-45.23	8.79	58.79	Peak	68.2	Pass
NVNT	n40	5190	5150	-54.78	-54.96	-51.86	8.79	52.16	Average	54	Pass
NVNT	n40	5230	5350	-50.89	-49.82	-47.31	8.79	56.71	Peak	68.2	Pass
NVNT	n40	5230	5350	-56.35	-56.43	-53.38	8.79	50.64	Average	54	Pass
NVNT	n40	5230	5460	-50.16	-50.27	-47.20	8.79	56.82	Peak	68.2	Pass
NVNT	n40	5230	5460	-56.77	-56.87	-53.81	8.79	50.21	Average	54	Pass
NVNT	ac20	5180	4500	-48.5	-51.52	-46.74	8.79	57.28	Peak	68.2	Pass
NVNT	ac20	5180	4500	-57.19	-57.34	-54.25	8.79	49.77	Average	54	Pass
NVNT	ac20	5180	5150	-48.85	-48.59	-45.71	8.79	58.31	Peak	68.2	Pass
NVNT	ac20	5180	5150	-55.18	-55.35	-52.25	8.79	51.77	Average	54	Pass
NVNT	ac20	5240	5350	-50.2	-49.6	-46.88	8.79	57.14	Peak	68.2	Pass
NVNT	ac20	5240	5350	-56.9	-56.92	-53.90	8.79	50.12	Average	54	Pass
NVNT	ac20	5240	5460	-51.44	-51.39	-48.40	8.79	55.62	Peak	68.2	Pass
NVNT	ac20	5240	5460	-57.15	-57.24	-54.18	8.79	49.84	Average	54	Pass
NVNT	ac40	5190	4500	-49.2	-49.15	-46.16	8.79	57.86	Peak	68.2	Pass
NVNT	ac40	5190	4500	-56.91	-57.15	-54.02	8.79	50.00	Average	54	Pass
NVNT	ac40	5190	5150	-47.54	-48.36	-44.92	8.79	59.10	Peak	68.2	Pass
NVNT	ac40	5190	5150	-54.71	-54.76	-51.72	8.79	52.30	Average	54	Pass
NVNT	ac40	5230	5350	-49.47	-50.87	-47.10	8.79	56.92	Peak	68.2	Pass
NVNT	ac40	5230	5350	-56.64	-56.05	-53.32	8.79	50.70	Average	54	Pass
NVNT	ac40	5230	5460	-49.94	-49.37	-46.64	8.79	57.38	Peak	68.2	Pass
NVNT	ac40	5230	5460	-56.72	-56.68	-53.69	8.79	50.33	Average	54	Pass
NVNT	ac80	5210	5350	-49.72	-48.35	-45.97	8.79	58.05	Peak	68.2	Pass
NVNT	ac80	5210	5350	-55.7	-55.64	-52.66	8.79	51.36	Average	54	Pass
NVNT	ac80	5210	5460	-49.75	-48.7	-46.18	8.79	57.84	Peak	68.2	Pass
NVNT	ac80	5210	5460	-55.97	-56.22	-53.08	8.79	50.94	Average	54	Pass
NVNT	ac80	5210	4500	-49.41	-48.64	-46.00	8.79	58.02	Peak	68.2	Pass

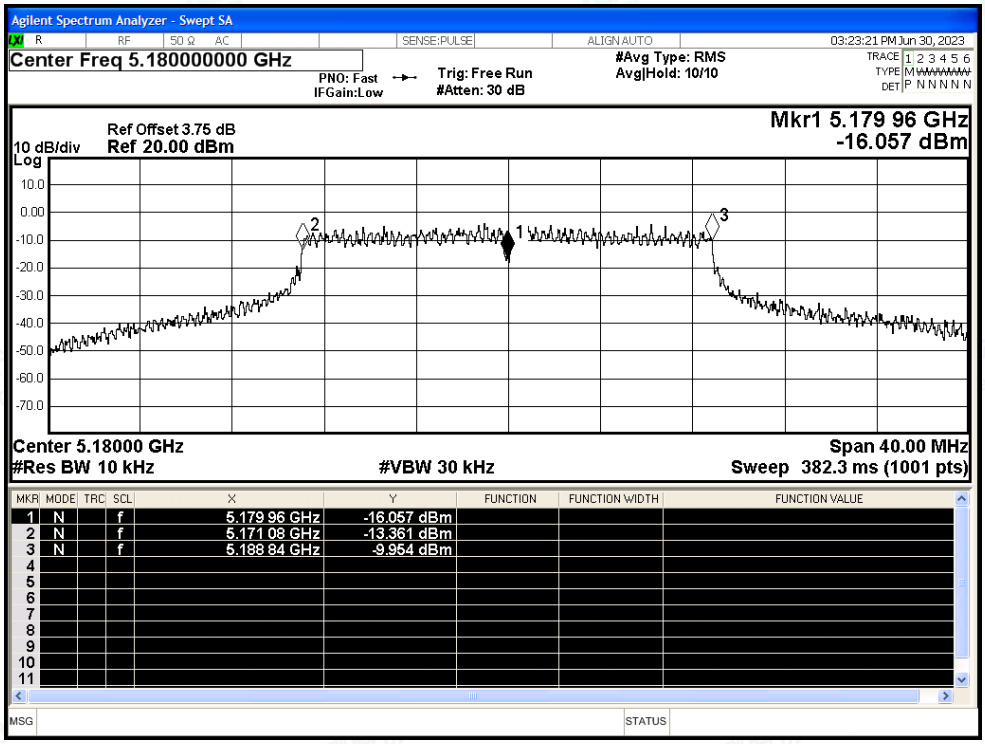
NVNT	ac80	5210	4500	-56.87	-56.84	-53.84	8.79	50.18	Average	54	Pass
NVNT	ac80	5210	5150	-46.7	-42.38	-41.01	8.79	63.01	Peak	68.2	Pass
NVNT	ac80	5210	5150	-53.71	-53.65	-50.67	8.79	53.35	Average	54	Pass
NVNT	ax20	5180	4500	-49.35	-49.21	-46.27	8.79	57.75	Peak	68.2	Pass
NVNT	ax20	5180	4500	-56.89	-56.73	-53.80	8.79	50.22	Average	54	Pass
NVNT	ax20	5180	5150	-48.54	-52.06	-46.94	8.79	57.08	Peak	68.2	Pass
NVNT	ax20	5180	5150	-55.12	-57.14	-53.00	8.79	51.02	Average	54	Pass
NVNT	ax20	5240	5350	-48.75	-50.32	-46.45	8.79	57.57	Peak	68.2	Pass
NVNT	ax20	5240	5350	-56.89	-56.91	-53.89	8.79	50.13	Average	54	Pass
NVNT	ax20	5240	5460	-50.05	-47.02	-45.27	8.79	58.75	Peak	68.2	Pass
NVNT	ax20	5240	5460	-57.14	-52.29	-51.06	8.79	52.96	Average	54	Pass
NVNT	ax40	5190	4500	-50.16	-49.76	-46.95	8.79	57.07	Peak	68.2	Pass
NVNT	ax40	5190	4500	-56.93	-56.28	-53.58	8.79	50.44	Average	54	Pass
NVNT	ax40	5190	5150	-46.52	-49.55	-44.77	8.79	59.25	Peak	68.2	Pass
NVNT	ax40	5190	5150	-54.5	-56.73	-52.46	8.79	51.56	Average	54	Pass
NVNT	ax40	5230	5350	-48.7	-49.8	-46.20	8.79	57.82	Peak	68.2	Pass
NVNT	ax40	5230	5350	-56.58	-55.28	-52.87	8.79	51.15	Average	54	Pass
NVNT	ax40	5230	5460	-49.51	-50.97	-47.17	8.79	56.85	Peak	68.2	Pass
NVNT	ax40	5230	5460	-56.72	-55.86	-53.26	8.79	50.76	Average	54	Pass
NVNT	ax80	5210	5350	-47.95	-49.11	-45.48	8.79	58.54	Peak	68.2	Pass
NVNT	ax80	5210	5350	-55.81	-56.58	-53.17	8.79	50.85	Average	54	Pass
NVNT	ax80	5210	5460	-47.59	-46.1	-43.77	8.79	60.25	Peak	68.2	Pass
NVNT	ax80	5210	5460	-55.85	-51.63	-50.24	8.79	53.78	Average	54	Pass
NVNT	ax80	5210	4500	-50.93	-49.25	-47.00	8.79	57.02	Peak	68.2	Pass
NVNT	ax80	5210	4500	-56.61	-57.18	-53.88	8.79	50.14	Average	54	Pass
NVNT	ax80	5210	5150	-46.49	-47.88	-44.12	8.79	59.90	Peak	68.2	Pass
NVNT	ax80	5210	5150	-52.06	-55.15	-50.33	8.79	53.69	Average	54	Pass

B.5 Frequency Stability

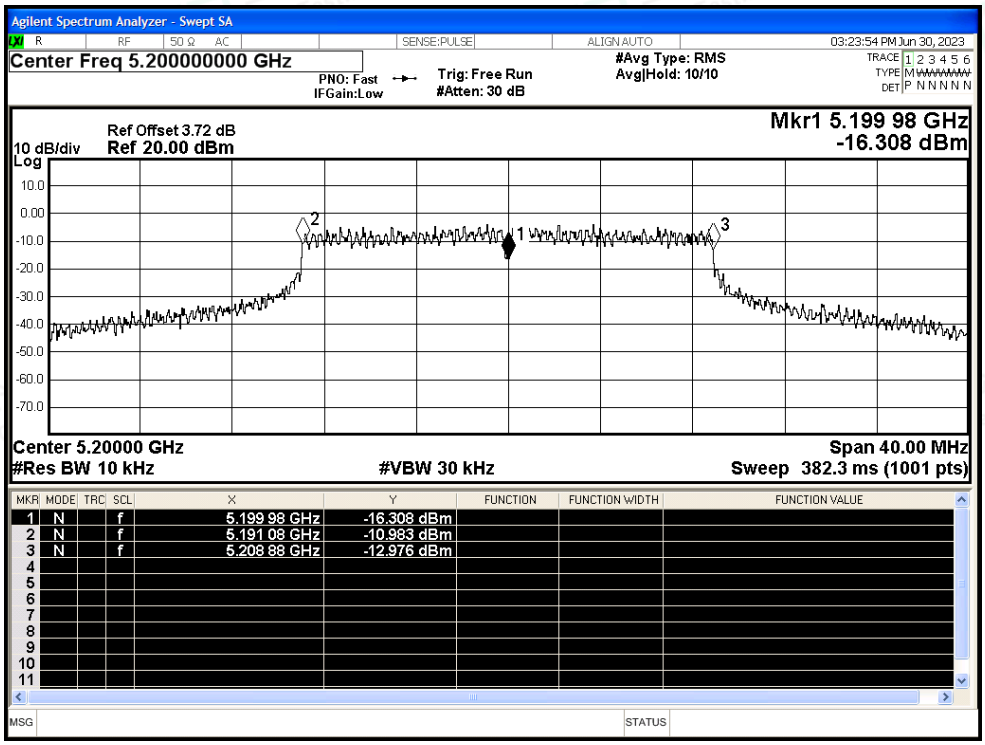
Condition	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	5180	Ant0	5179.96	-40000	-7.72	25	Pass
NVNT	5200	Ant0	5199.98	-20000	-3.85	25	Pass
NVNT	5240	Ant0	5239.96	-40000	-7.63	25	Pass
NVNT	5190	Ant0	5189.96	-40000	-7.71	25	Pass
NVNT	5230	Ant0	5229.96	-40000	-7.65	25	Pass
NVNT	5210	Ant0	5210	0	0	25	Pass

Test Graphs

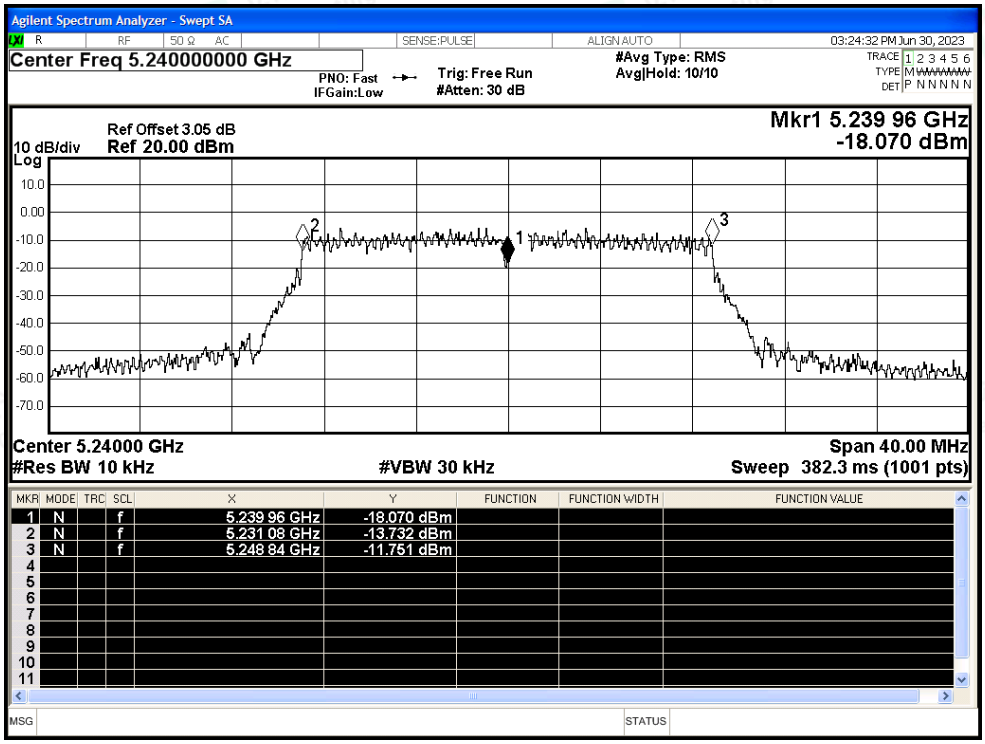
Freq. Stability NVNT 5180MHz Ant0



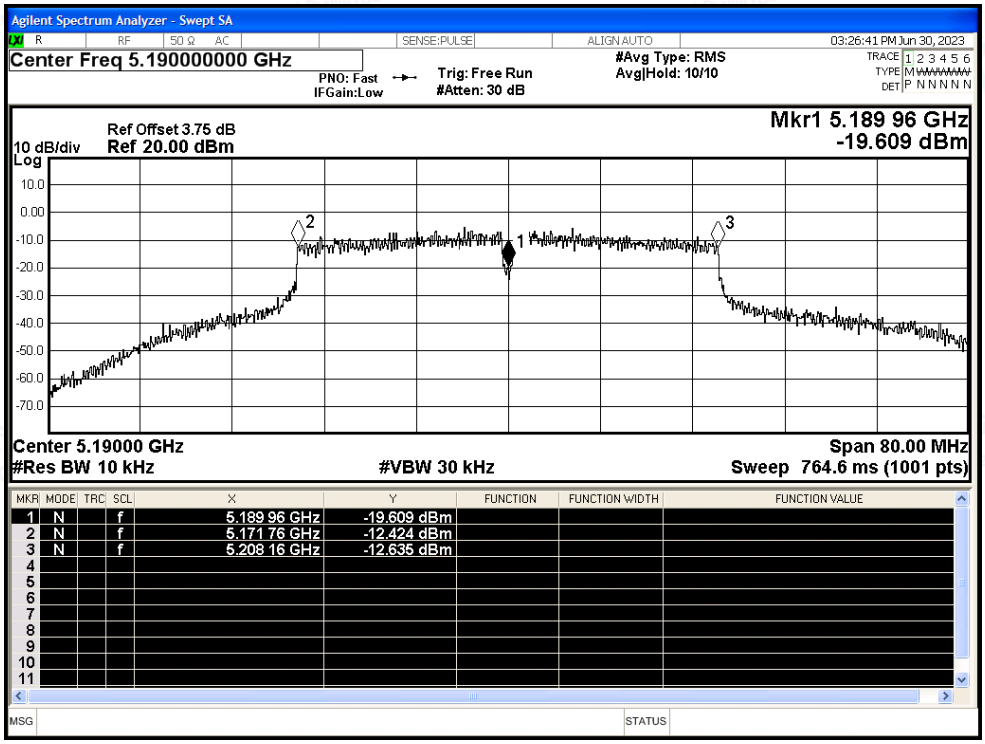
Freq. Stability NVNT 5200MHz Ant0



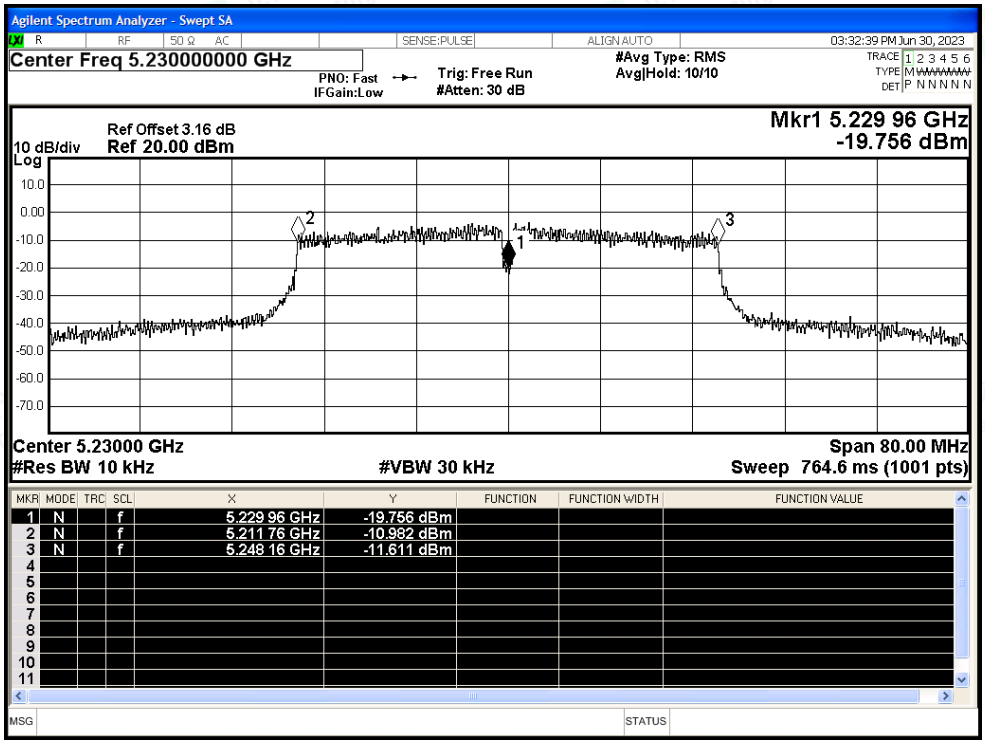
Freq. Stability NVNT 5240MHz Ant0



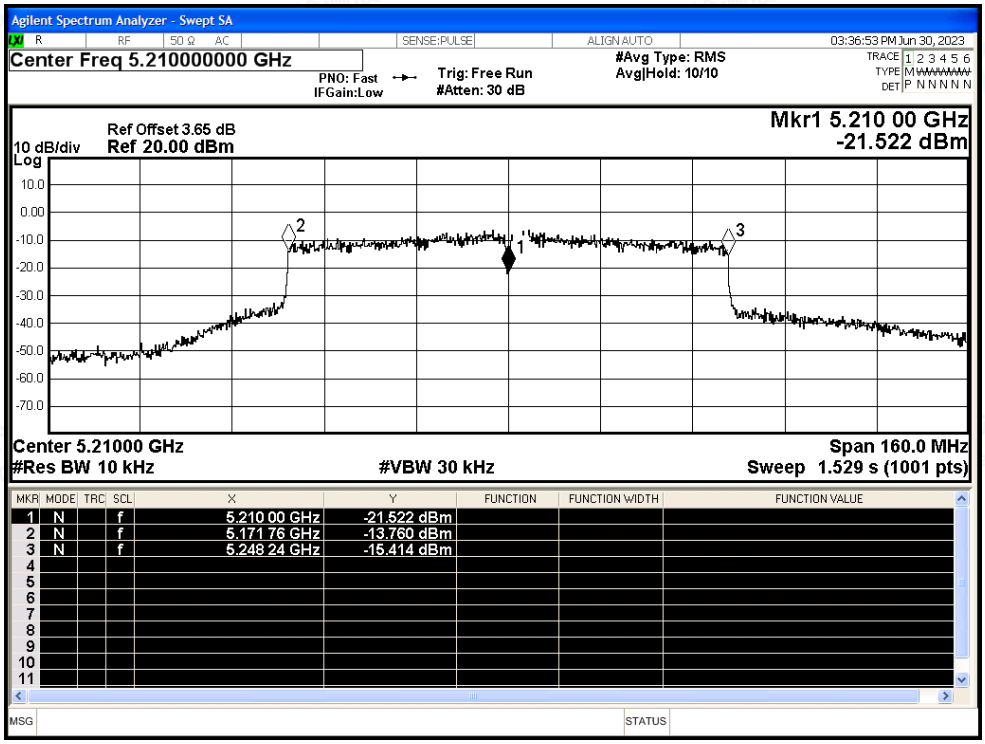
Freq. Stability NVNT 5190MHz Ant0



Freq. Stability NVNT 5230MHz Ant0



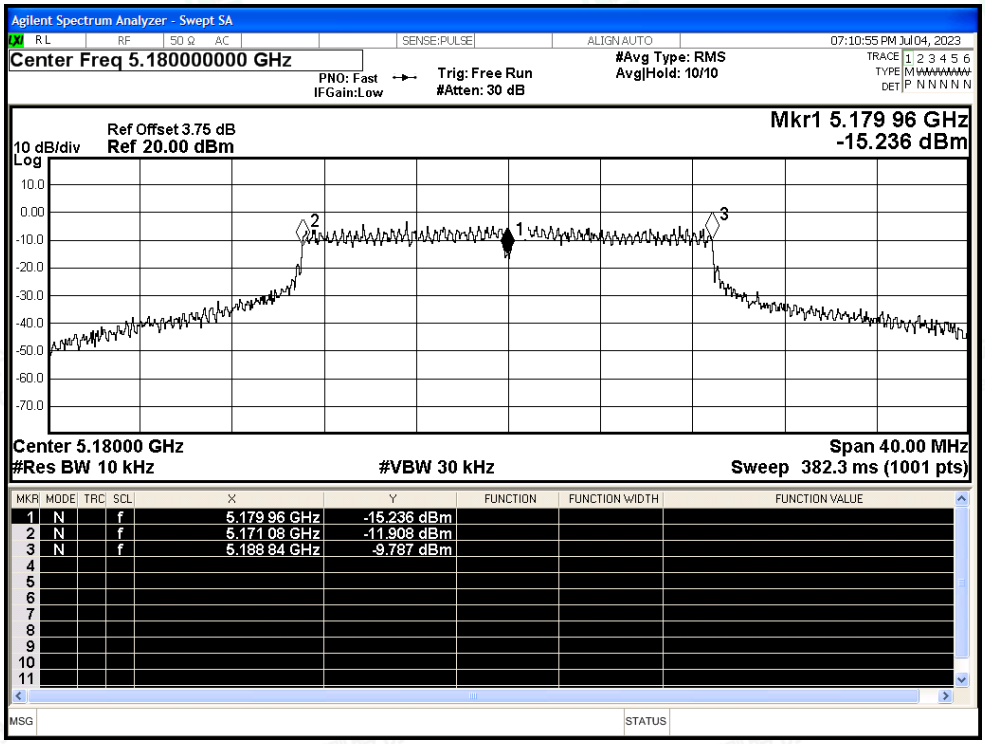
Freq. Stability NVNT 5210MHz Ant0



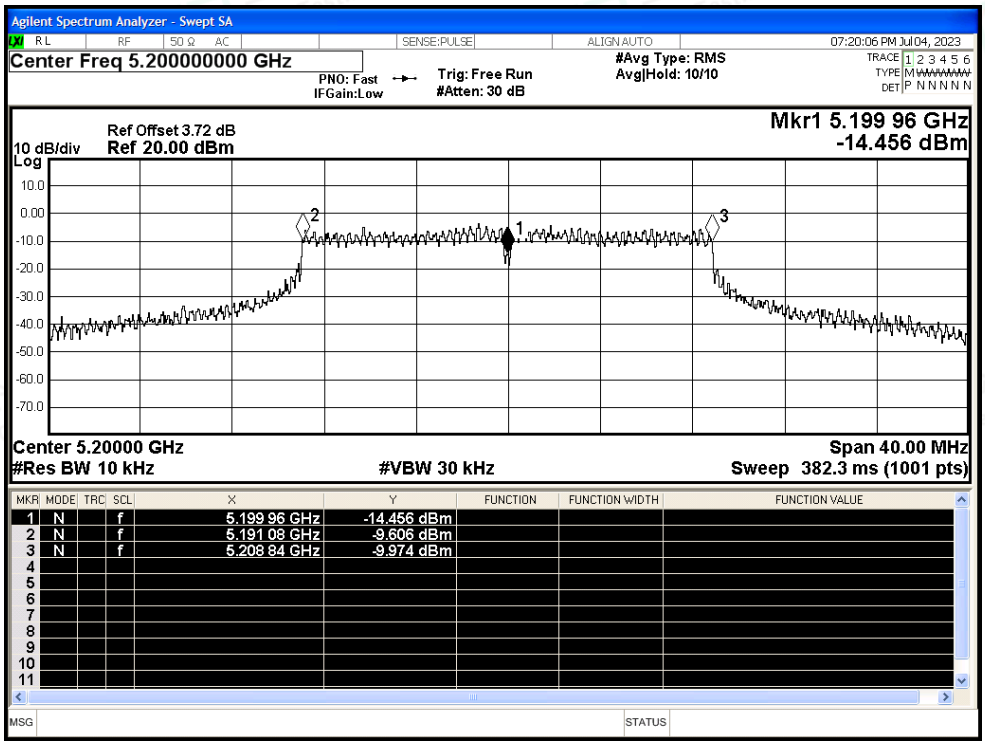
Condition	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	5180	Ant1	5179.96	-40000	-7.72	25	Pass
NVNT	5200	Ant1	5199.96	-40000	-7.69	25	Pass
NVNT	5240	Ant1	5239.96	-40000	-7.63	25	Pass
NVNT	5190	Ant1	5189.96	-40000	-7.71	25	Pass
NVNT	5230	Ant1	5230	0	0	25	Pass
NVNT	5210	Ant1	5210	0	0	25	Pass
NVNT	5250	Ant1	5250	0	0	25	Pass
NVNT	5250	Ant1	5250	0	0	25	Pass

Test Graphs

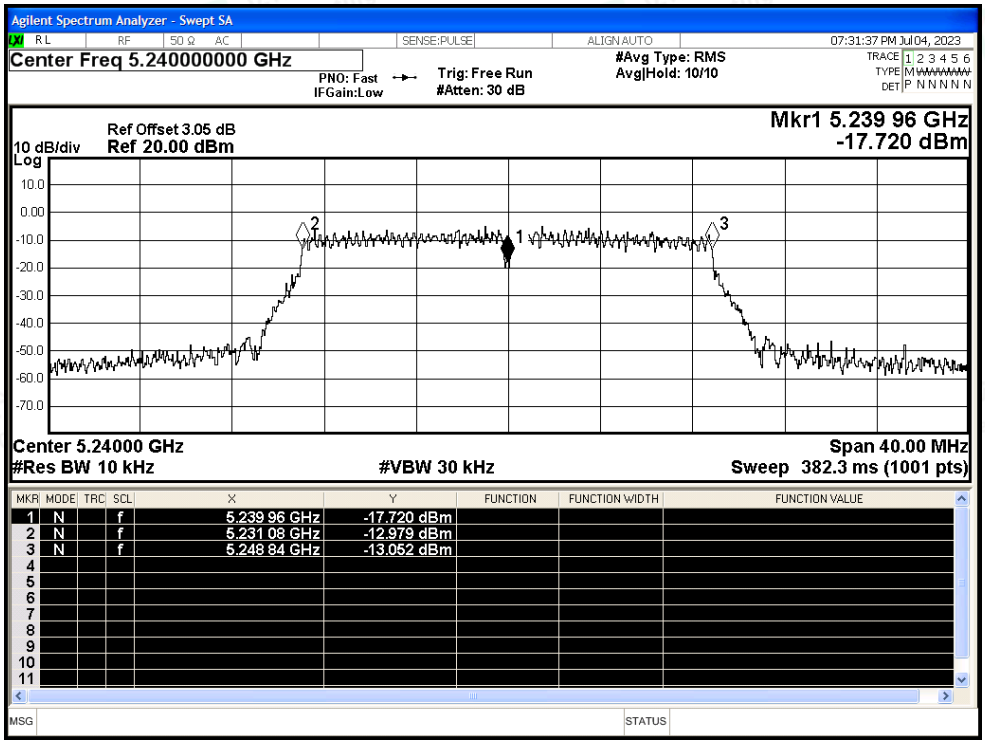
Freq. Stability NVNT 5180MHz Ant1



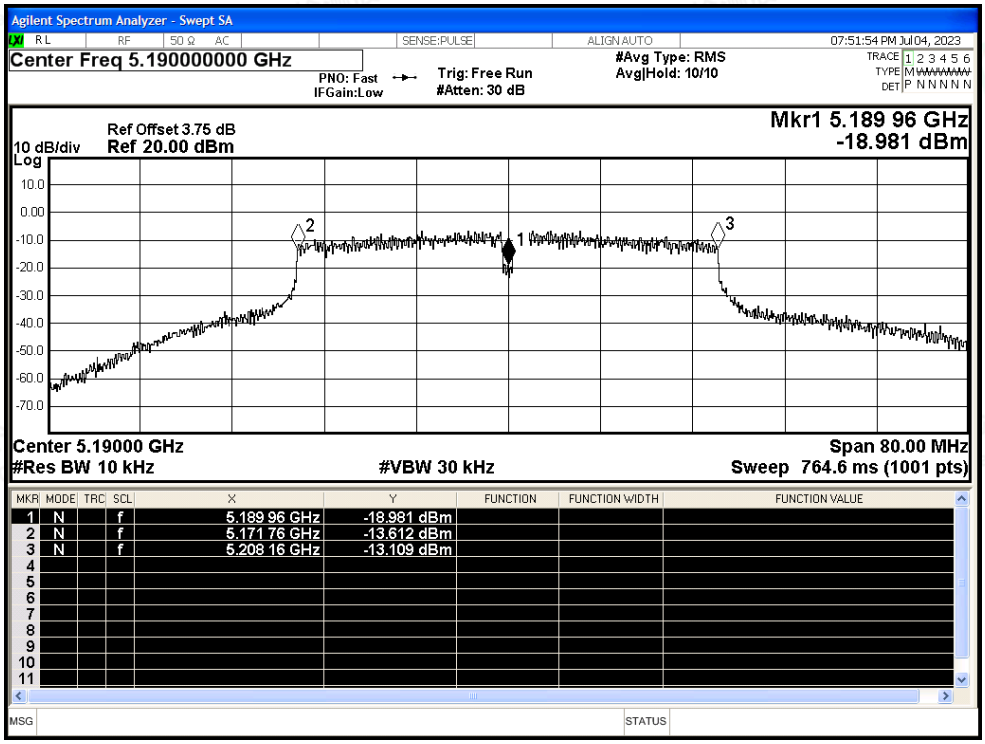
Freq. Stability NVNT 5200MHz Ant1



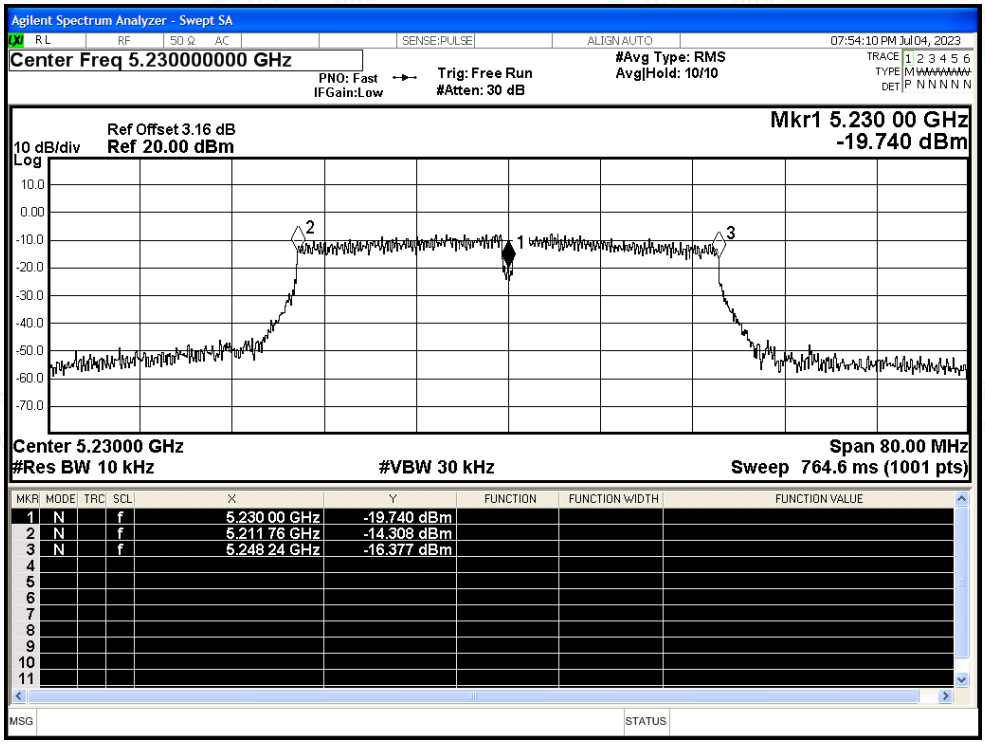
Freq. Stability NVNT 5240MHz Ant1



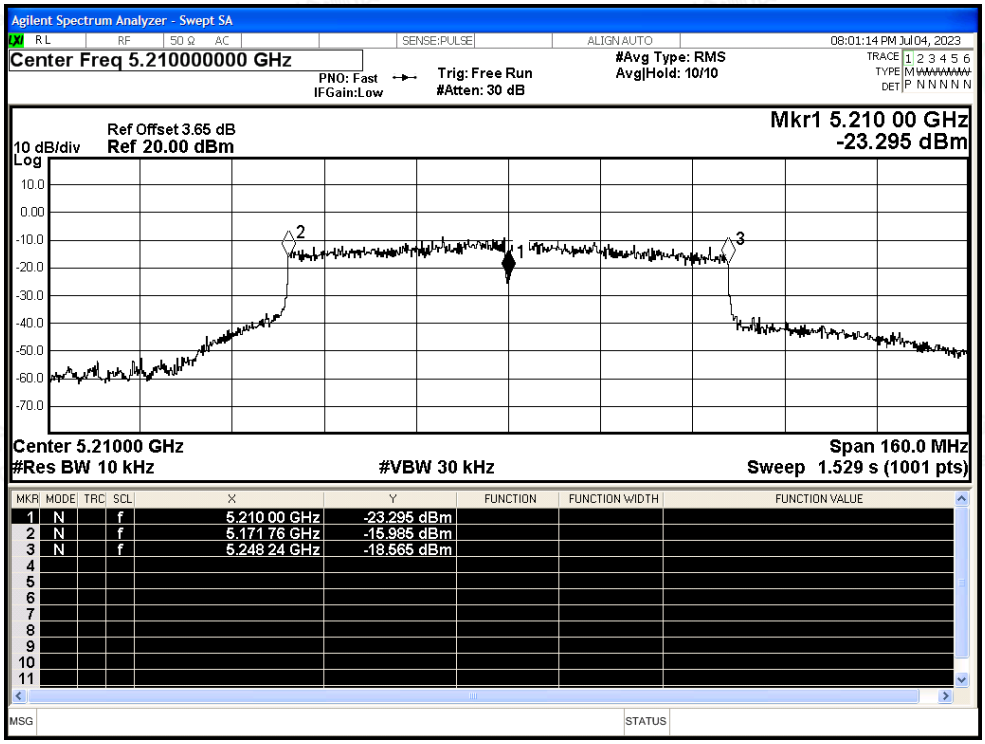
Freq. Stability NVNT 5190MHz Ant1



Freq. Stability NVNT 5230MHz Ant1



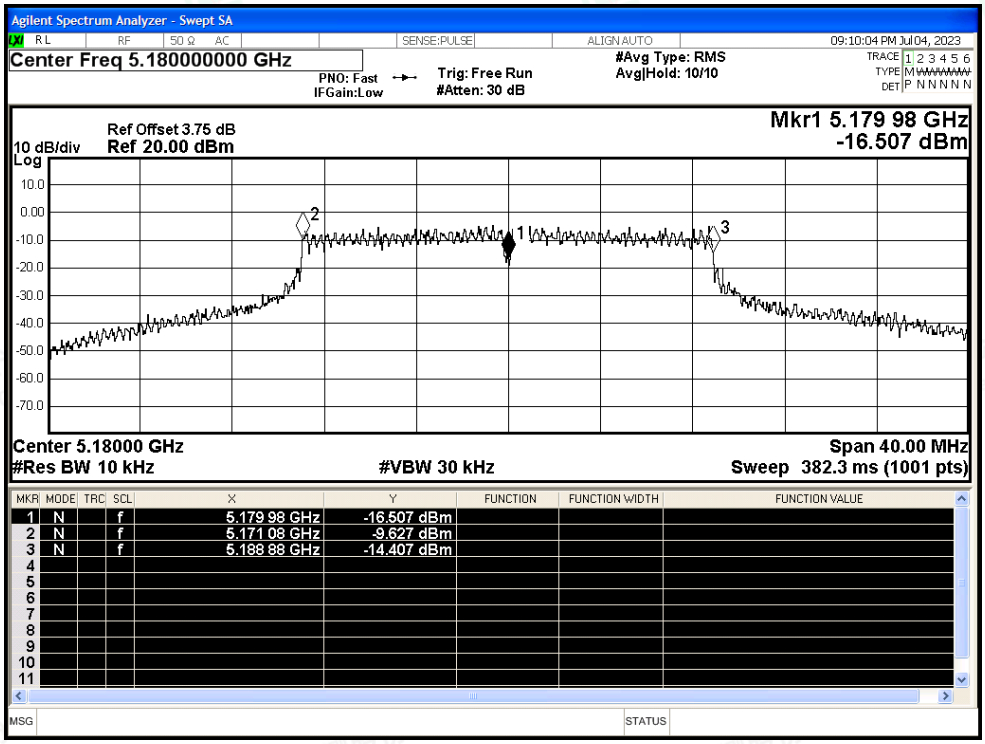
Freq. Stability NVNT 5210MHz Ant1



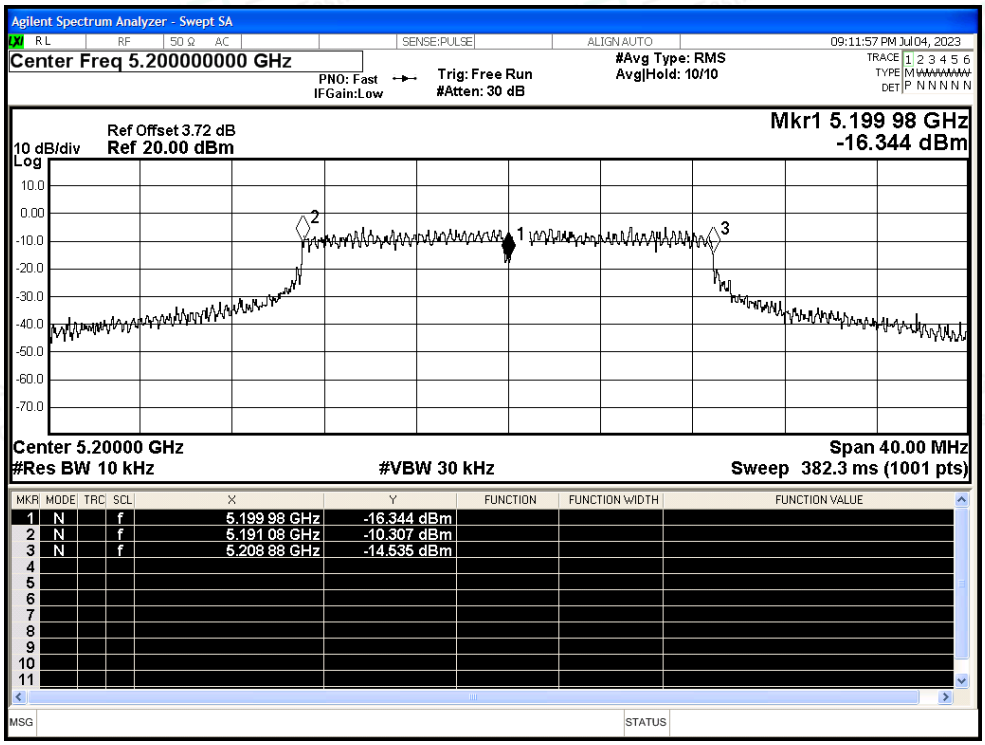
Condition	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	5180	Ant2	5179.98	-20000	-3.86	25	Pass
NVNT	5200	Ant2	5199.98	-20000	-3.85	25	Pass
NVNT	5240	Ant2	5239.98	-20000	-3.82	25	Pass
NVNT	5190	Ant2	5189.96	-40000	-7.71	25	Pass
NVNT	5230	Ant2	5229.96	-40000	-7.65	25	Pass
NVNT	5210	Ant2	5210	0	0	25	Pass

Test Graphs

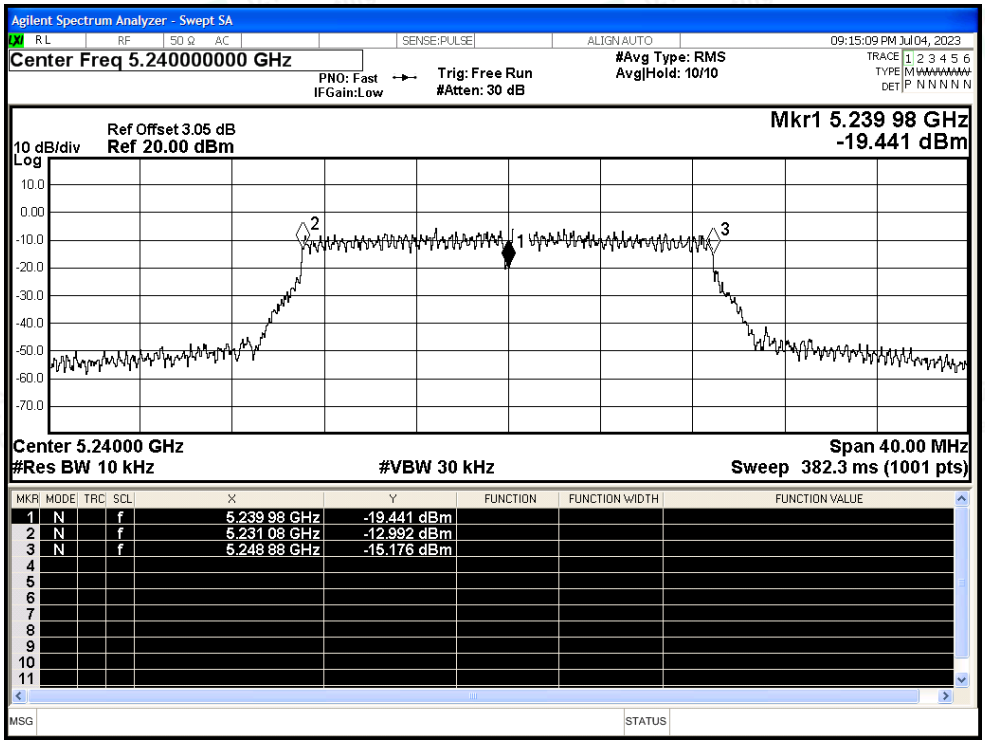
Freq. Stability NVNT 5180MHz Ant2



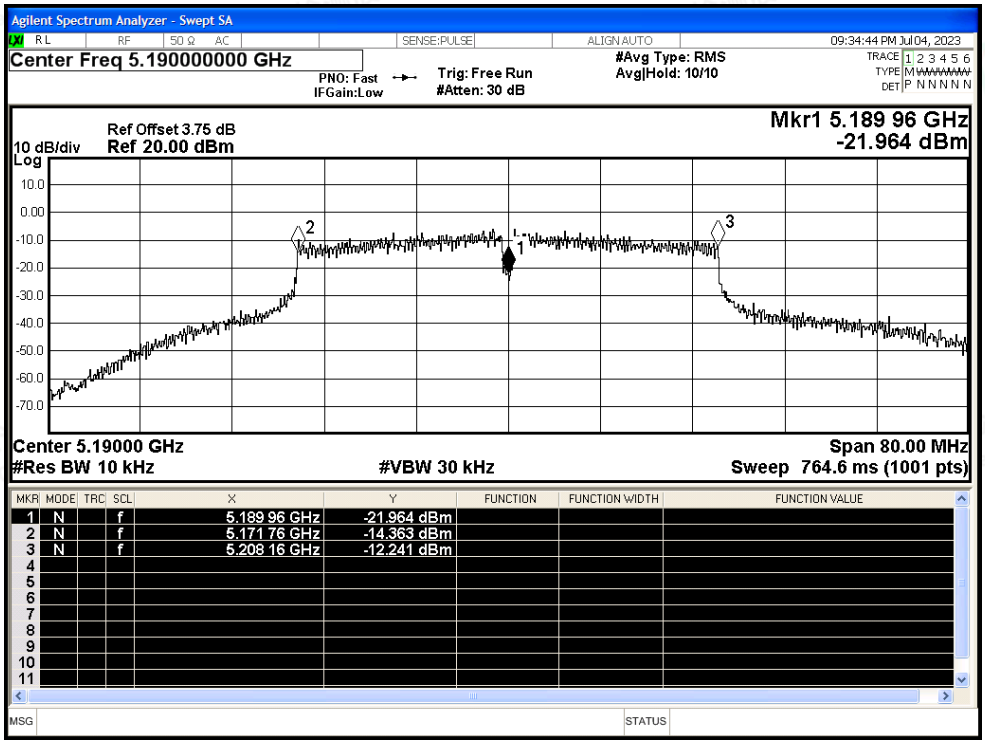
Freq. Stability NVNT 5200MHz Ant2



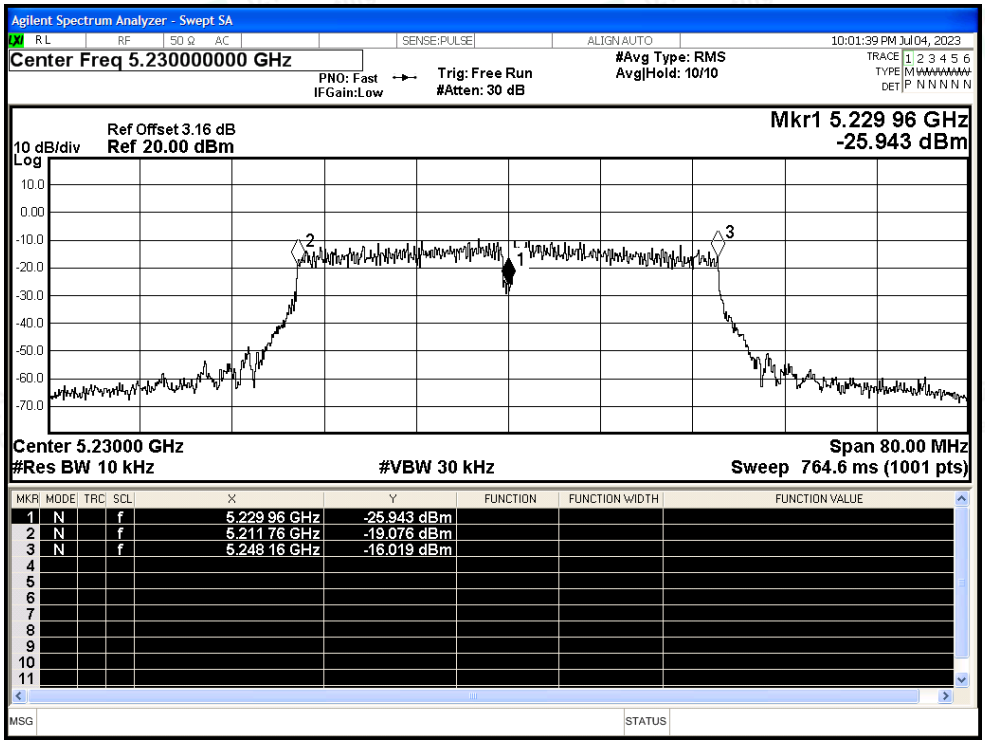
Freq. Stability NVNT 5240MHz Ant2



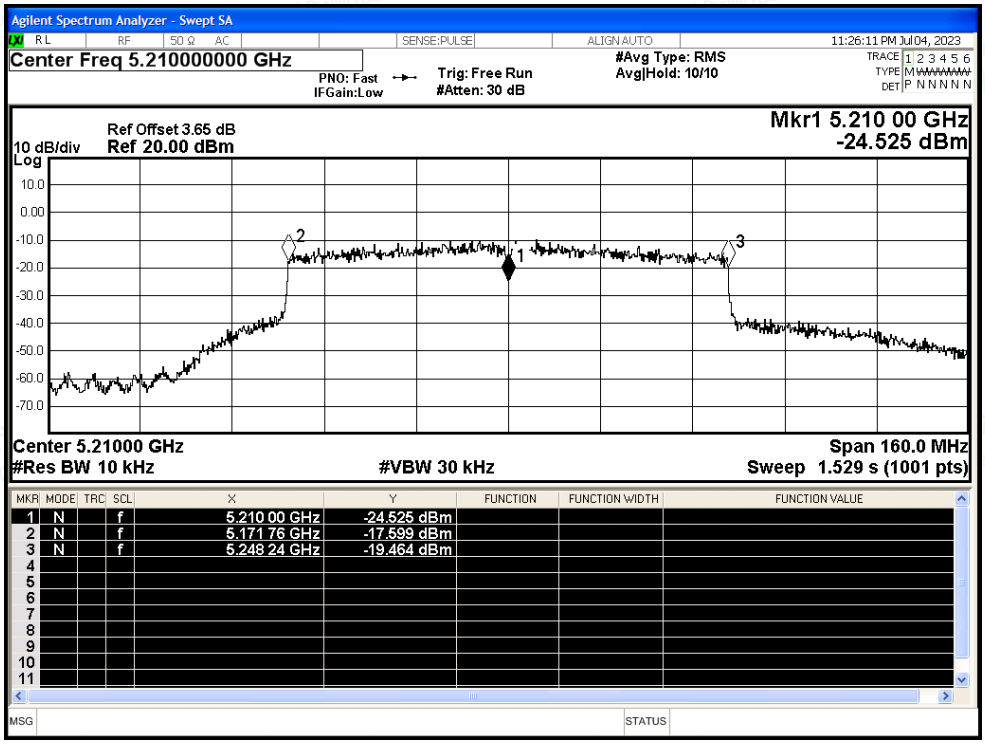
Freq. Stability NVNT 5190MHz Ant2



Freq. Stability NVNT 5230MHz Ant2



Freq. Stability NVNT 5210MHz Ant2

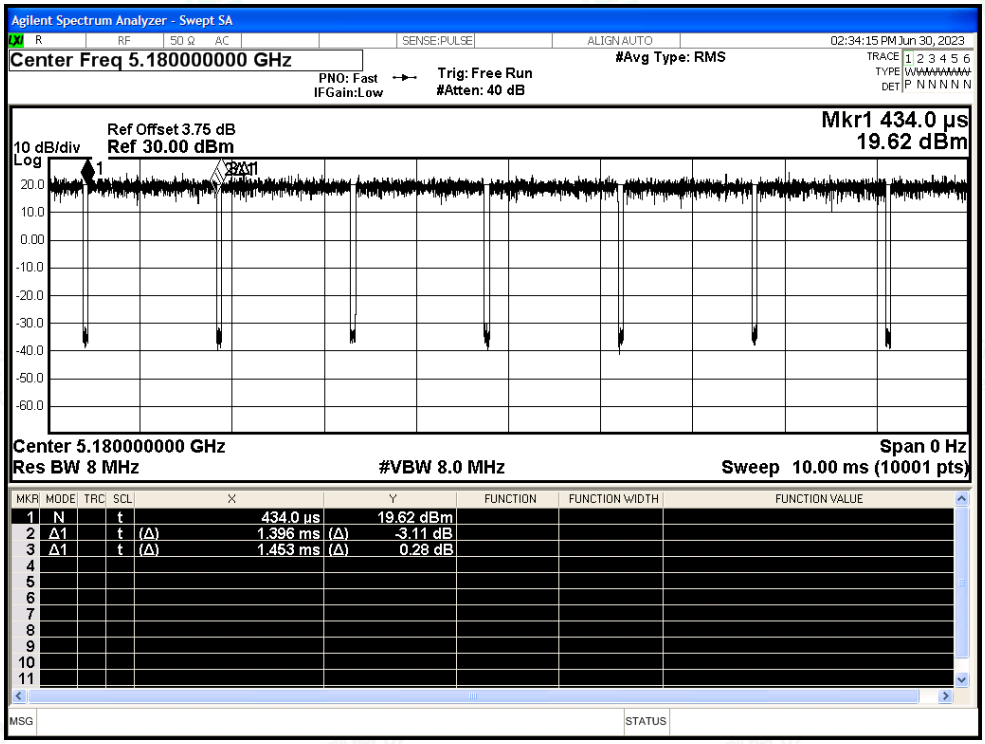


B.6 Duty Cycle

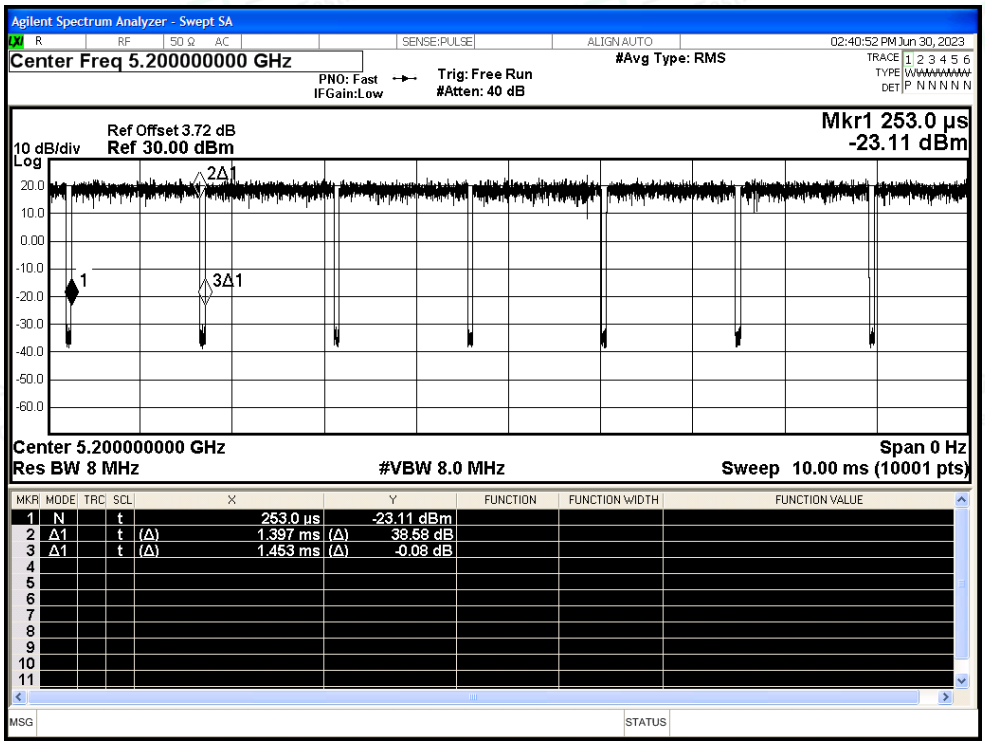
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant0	96.08	0.17	0.72
NVNT	a	5200	Ant0	96.15	0.17	0.72
NVNT	a	5240	Ant0	96.15	0.17	0.72
NVNT	n20	5180	Ant0	95.9	0.18	0.76
NVNT	n20	5200	Ant0	95.9	0.18	0.76
NVNT	n20	5240	Ant0	95.9	0.18	0.76
NVNT	n40	5190	Ant0	91.92	0.37	1.57
NVNT	n40	5230	Ant0	91.92	0.37	1.57
NVNT	ac20	5180	Ant0	95.92	0.18	0.76
NVNT	ac20	5200	Ant0	95.85	0.18	0.76
NVNT	ac20	5240	Ant0	95.92	0.18	0.76
NVNT	ac40	5190	Ant0	92.15	0.36	1.52
NVNT	ac40	5230	Ant0	92.15	0.36	1.52
NVNT	ac80	5210	Ant0	85.3	0.69	3.08
NVNT	ax20	5180	Ant0	94.79	0.23	0.98
NVNT	ax20	5200	Ant0	94.79	0.23	0.98
NVNT	ax20	5240	Ant0	94.78	0.23	0.98
NVNT	ax40	5190	Ant0	90.59	0.43	1.86
NVNT	ax40	5230	Ant0	90.42	0.44	1.86
NVNT	ax80	5210	Ant0	83.72	0.77	3.47

Test Graphs

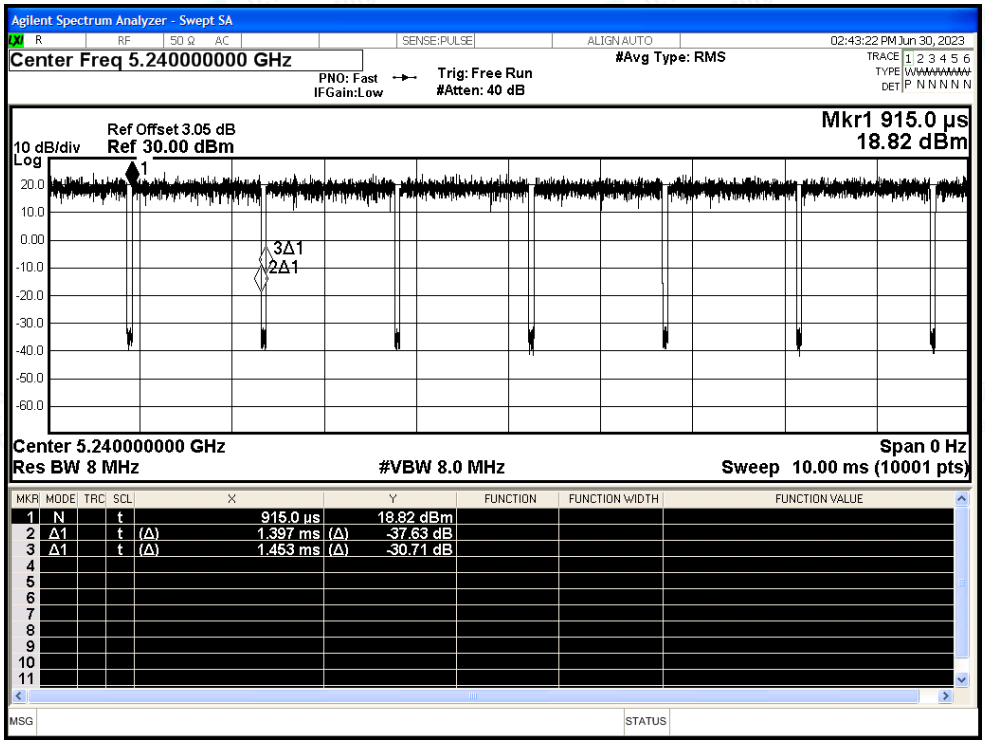
Duty Cycle NVNT a 5180MHz Ant0



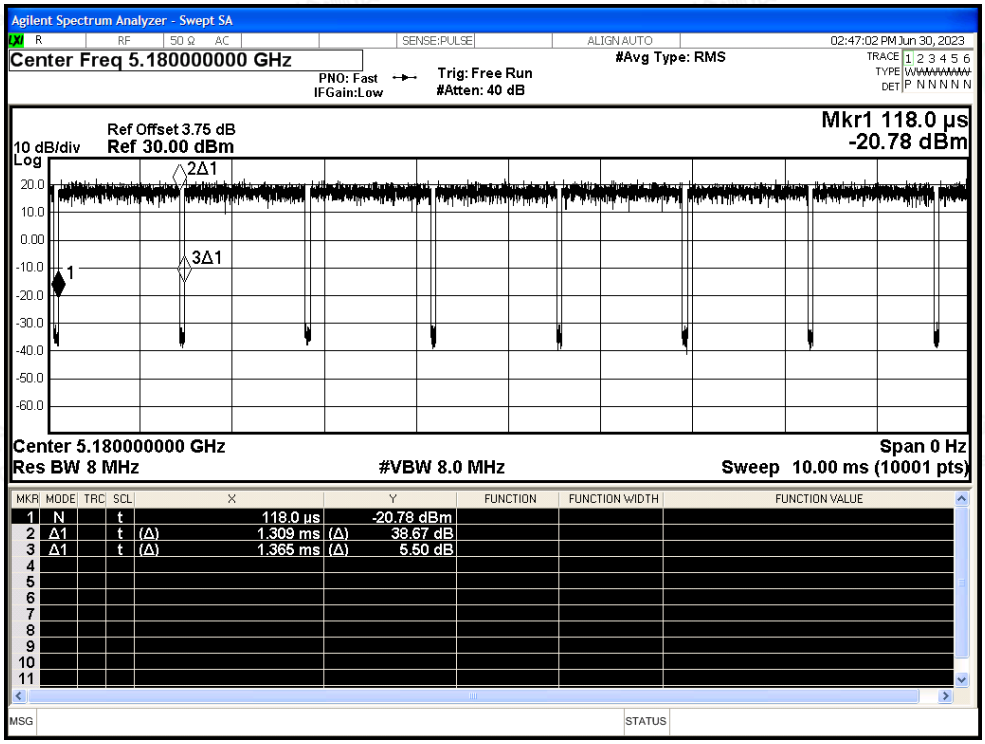
Duty Cycle NVNT a 5200MHz Ant0



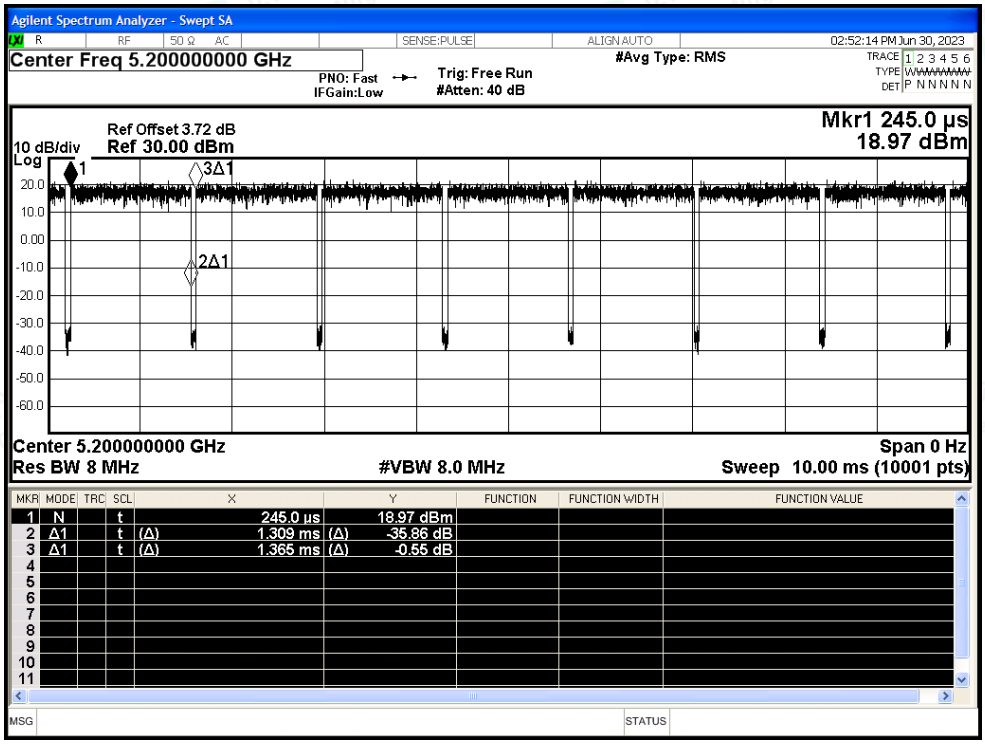
Duty Cycle NVNT a 5240MHz Ant0



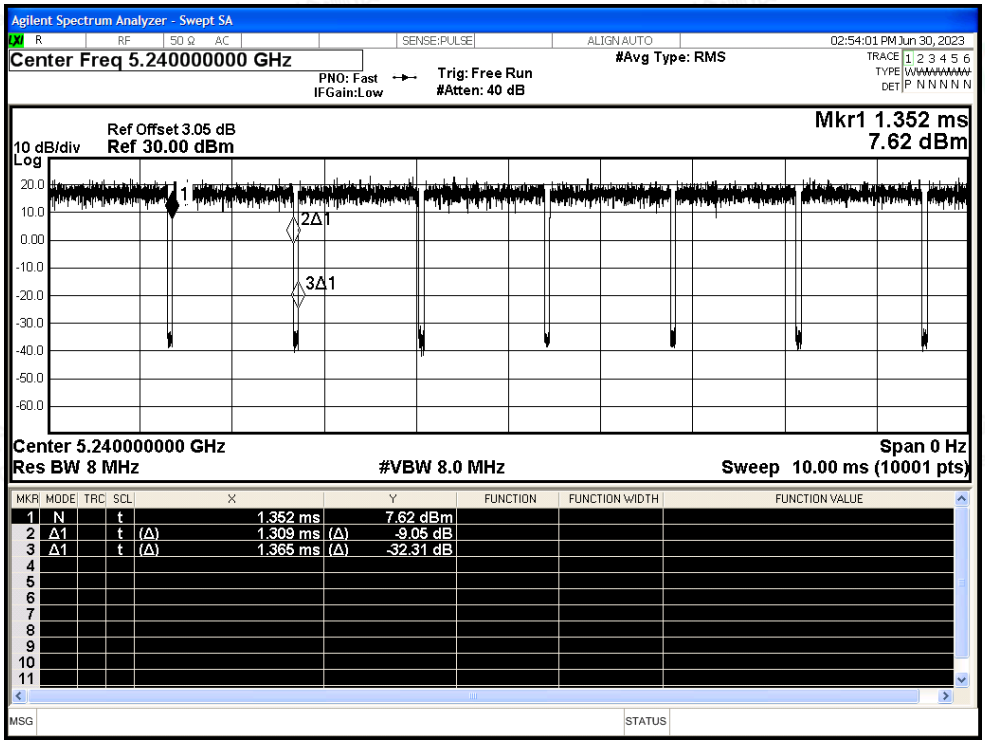
Duty Cycle NVNT n20 5180MHz Ant0



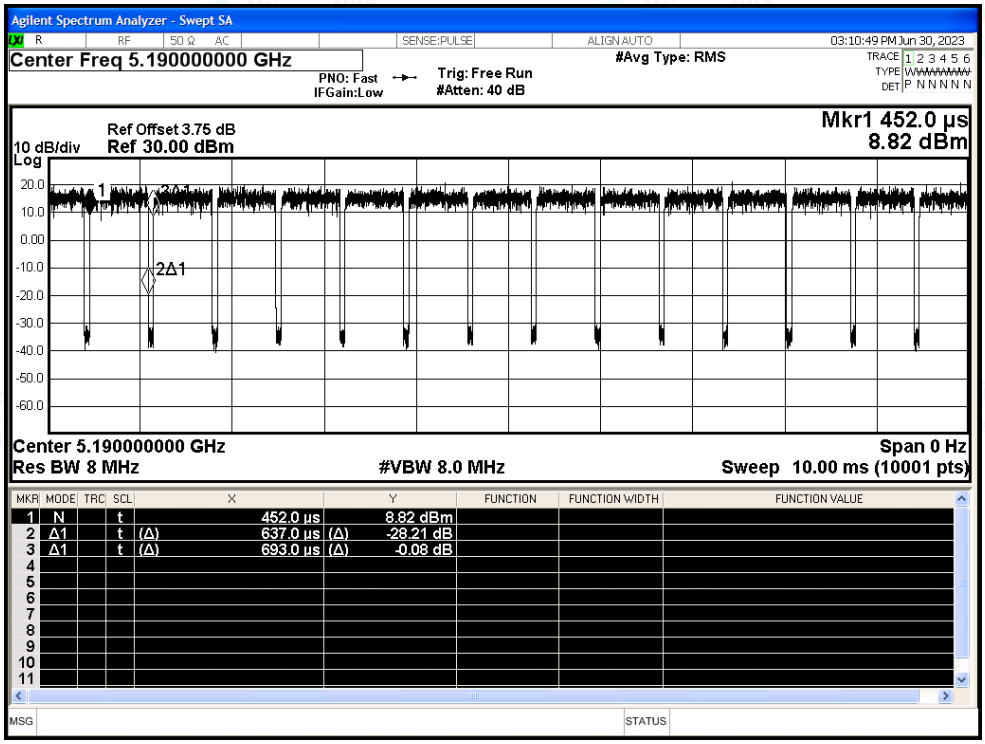
Duty Cycle NVNT n20 5200MHz Ant0



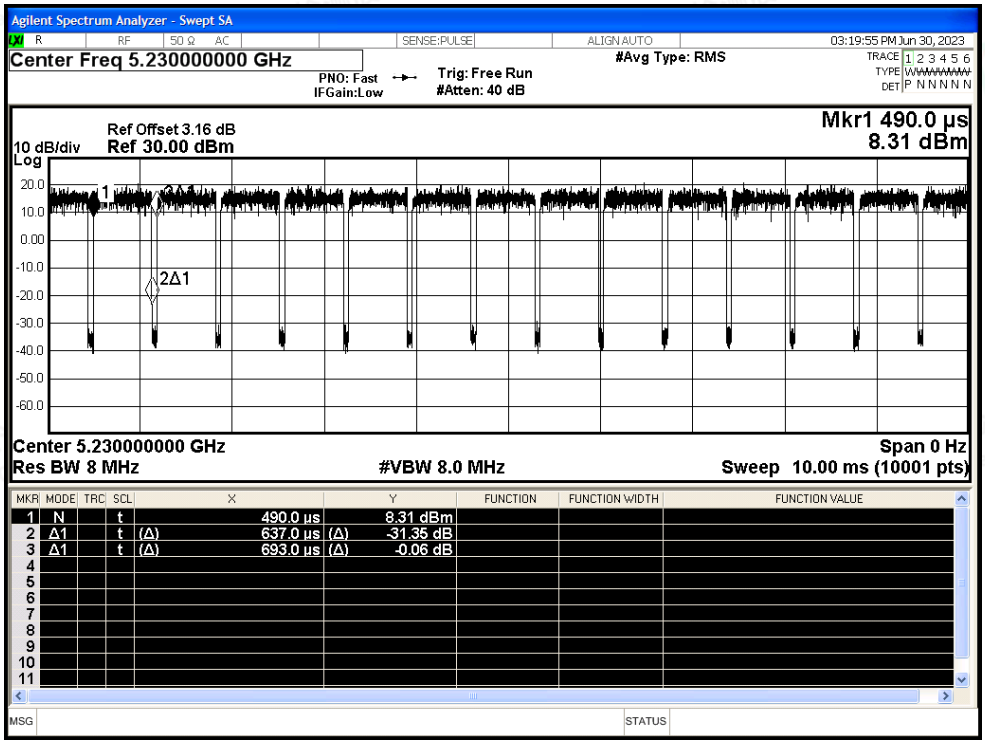
Duty Cycle NVNT n20 5240MHz Ant0



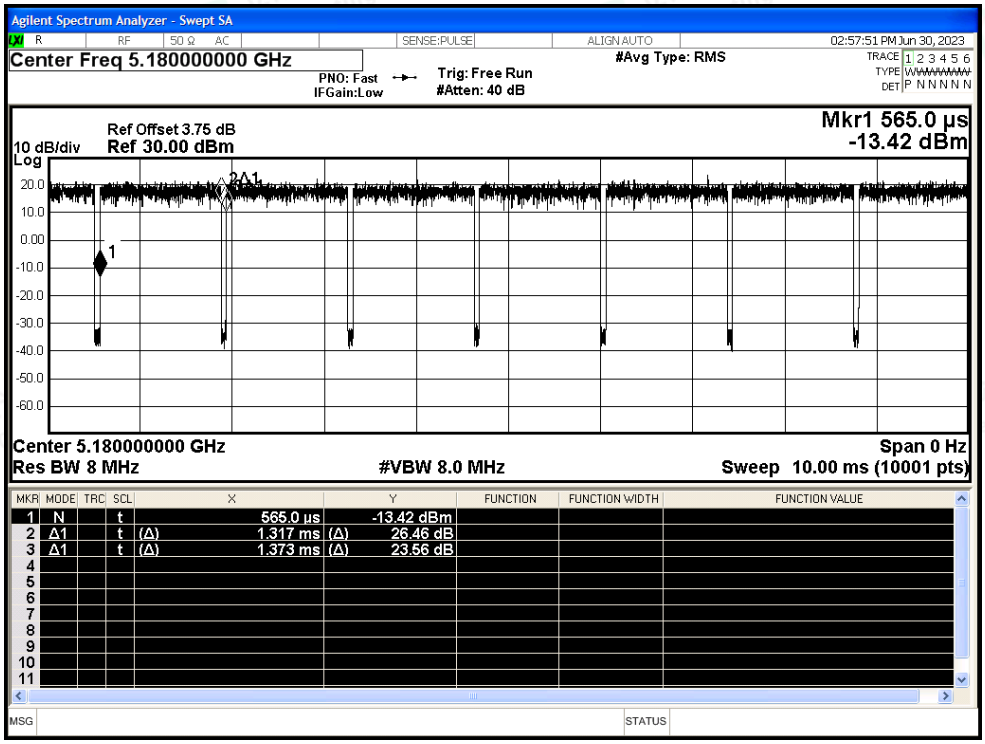
Duty Cycle NVNT n40 5190MHz Ant0



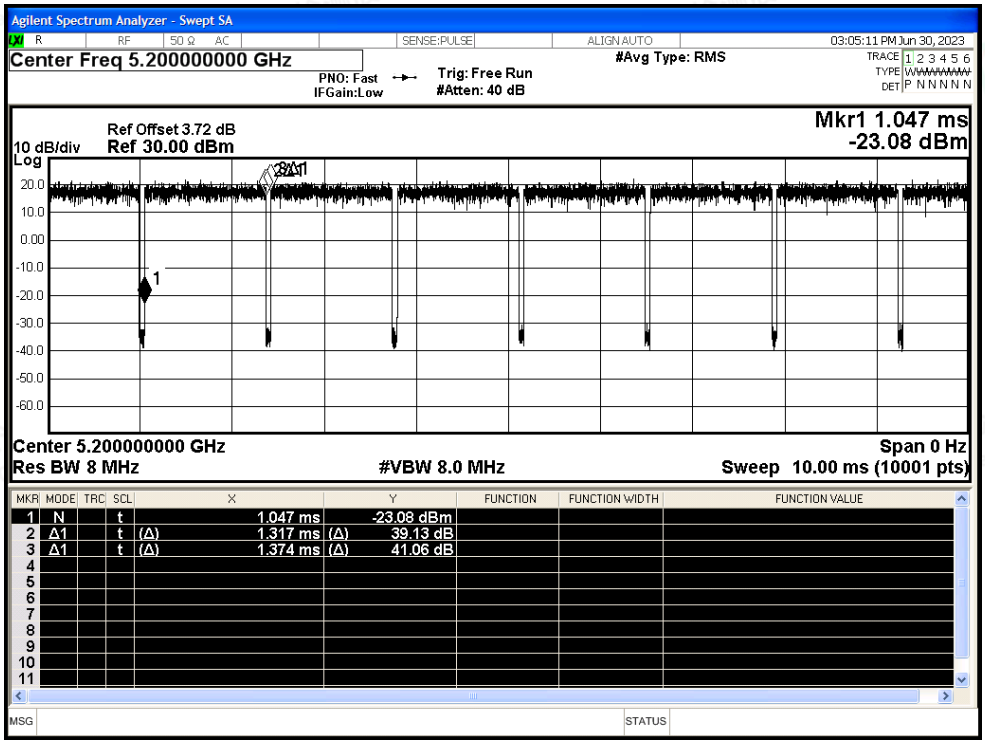
Duty Cycle NVNT n40 5230MHz Ant0



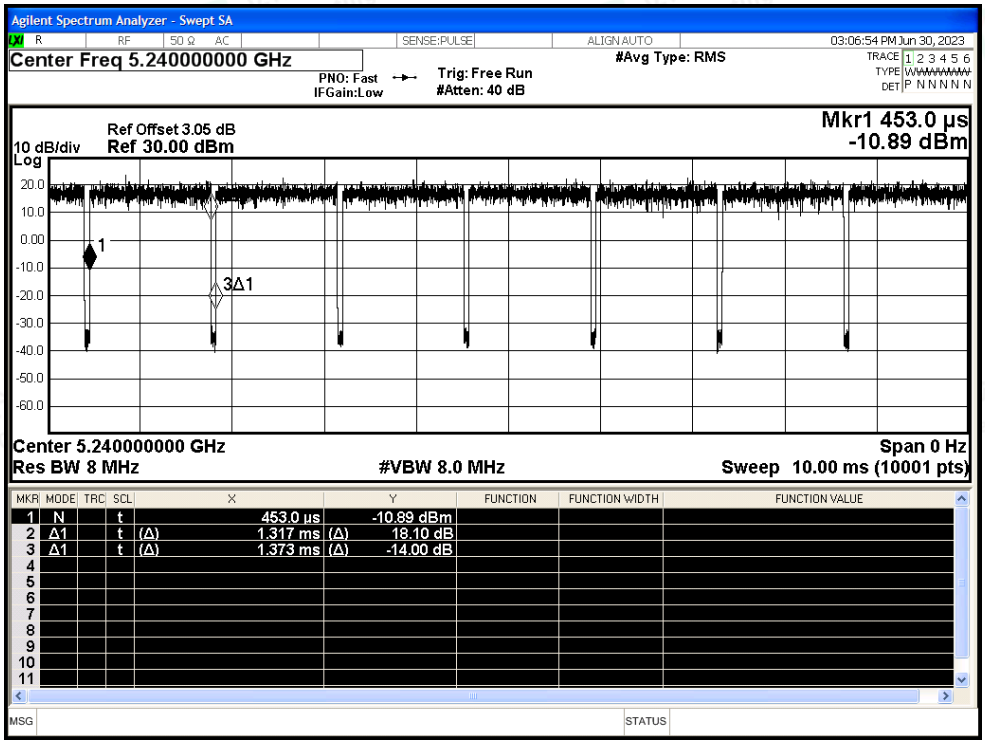
Duty Cycle NVNT ac20 5180MHz Ant0



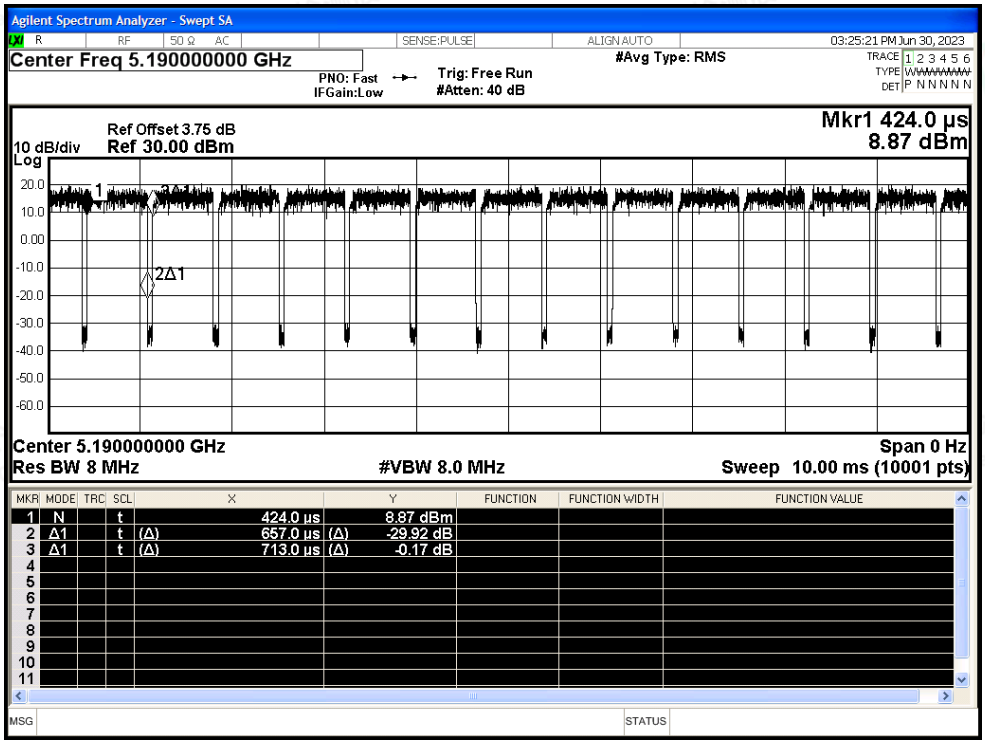
Duty Cycle NVNT ac20 5200MHz Ant0



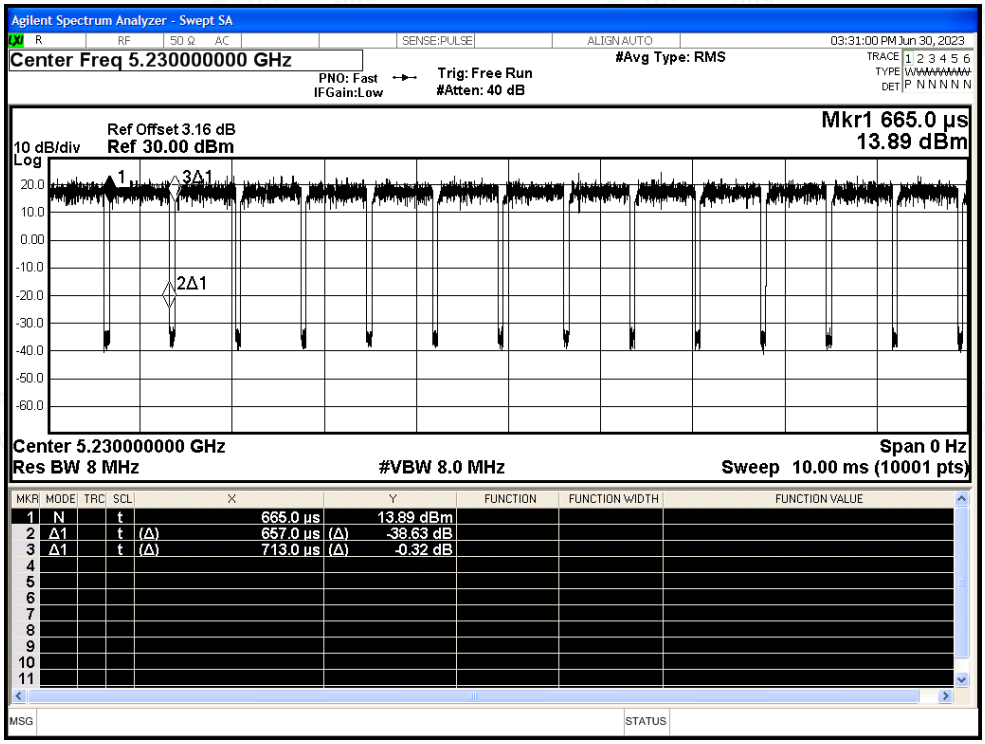
Duty Cycle NVNT ac20 5240MHz Ant0



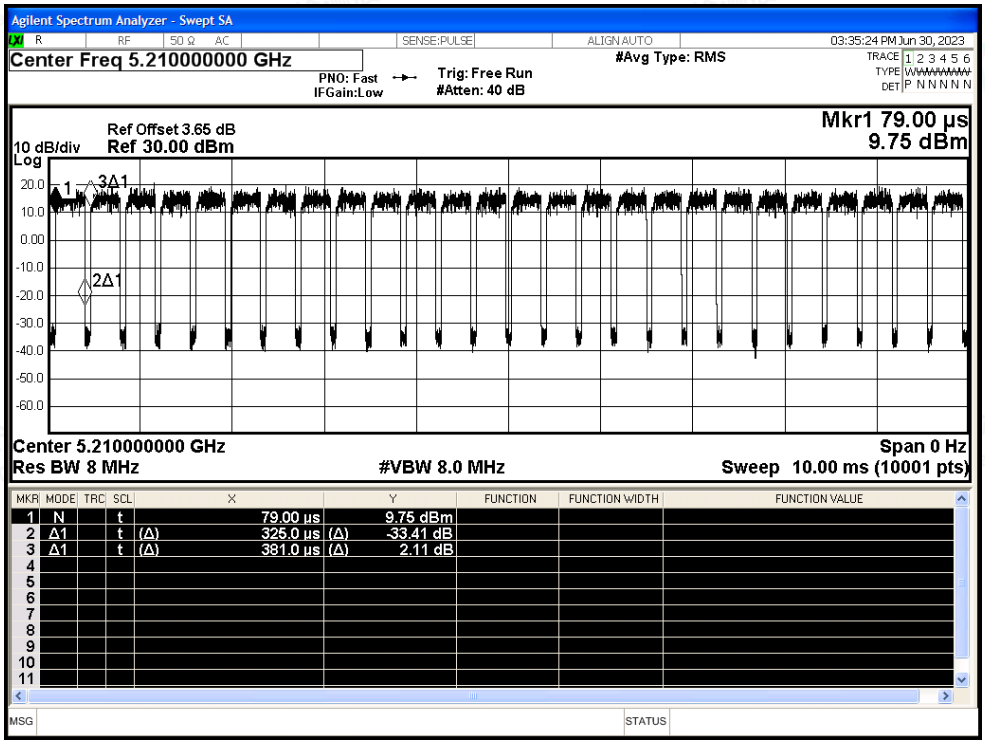
Duty Cycle NVNT ac40 5190MHz Ant0



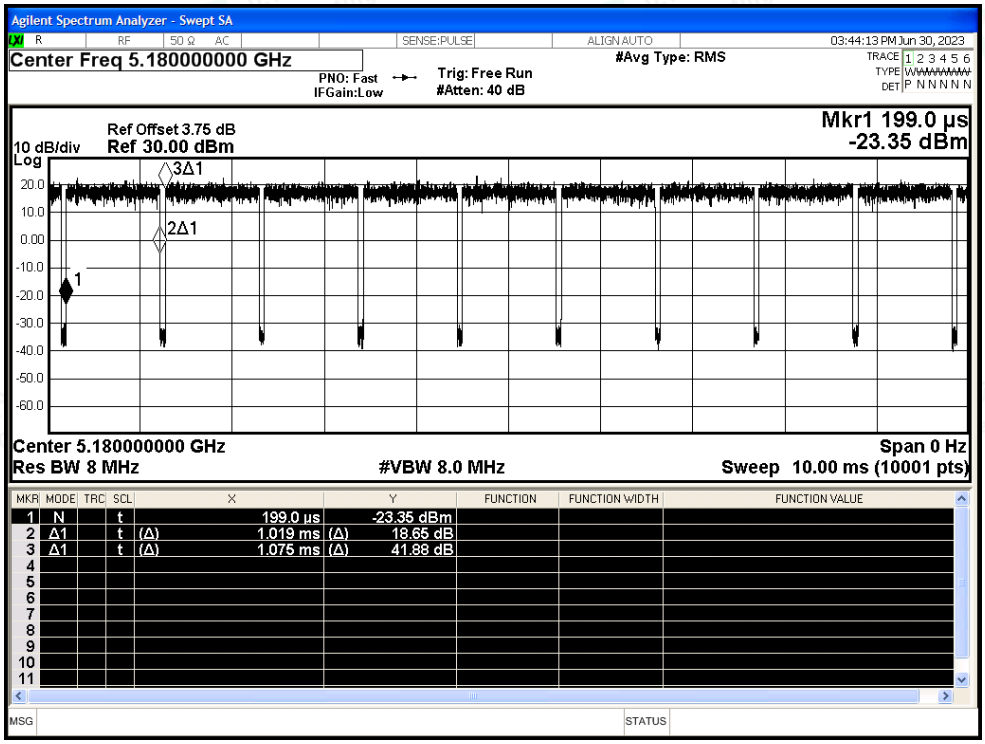
Duty Cycle NVNT ac40 5230MHz Ant0



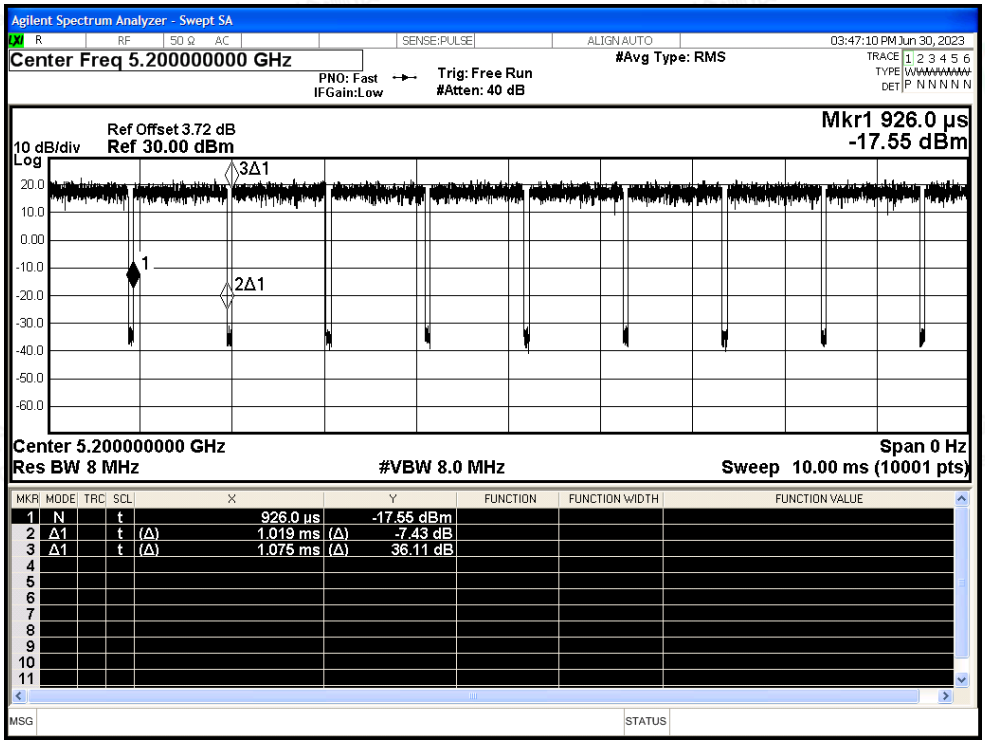
Duty Cycle NVNT ac80 5210MHz Ant0



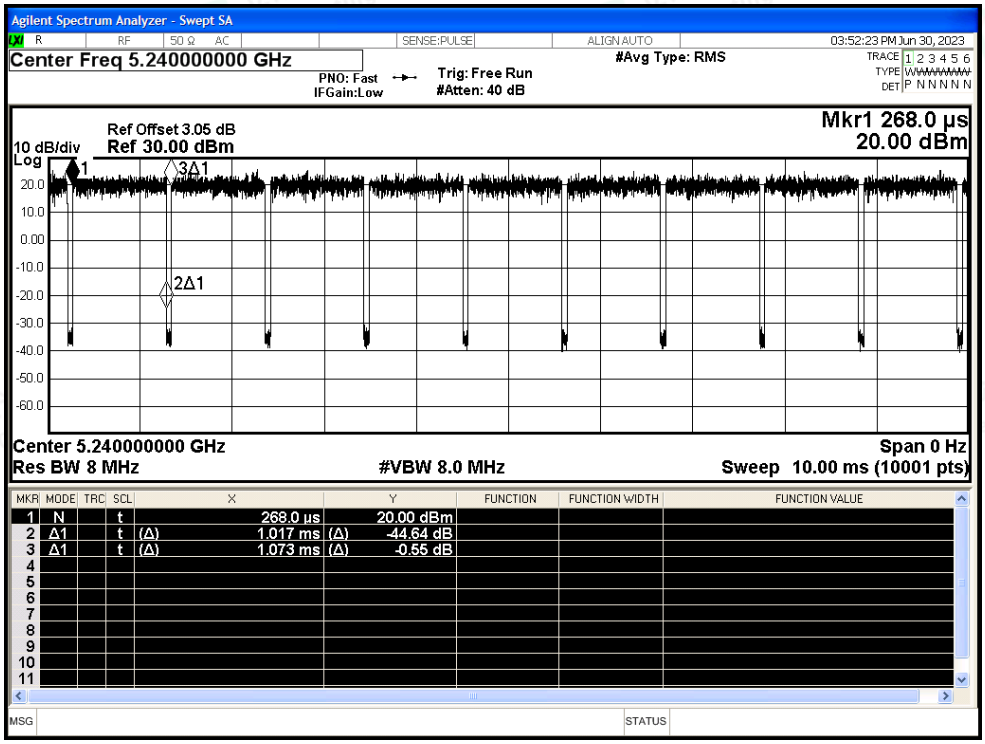
Duty Cycle NVNT ax20 5180MHz Ant0



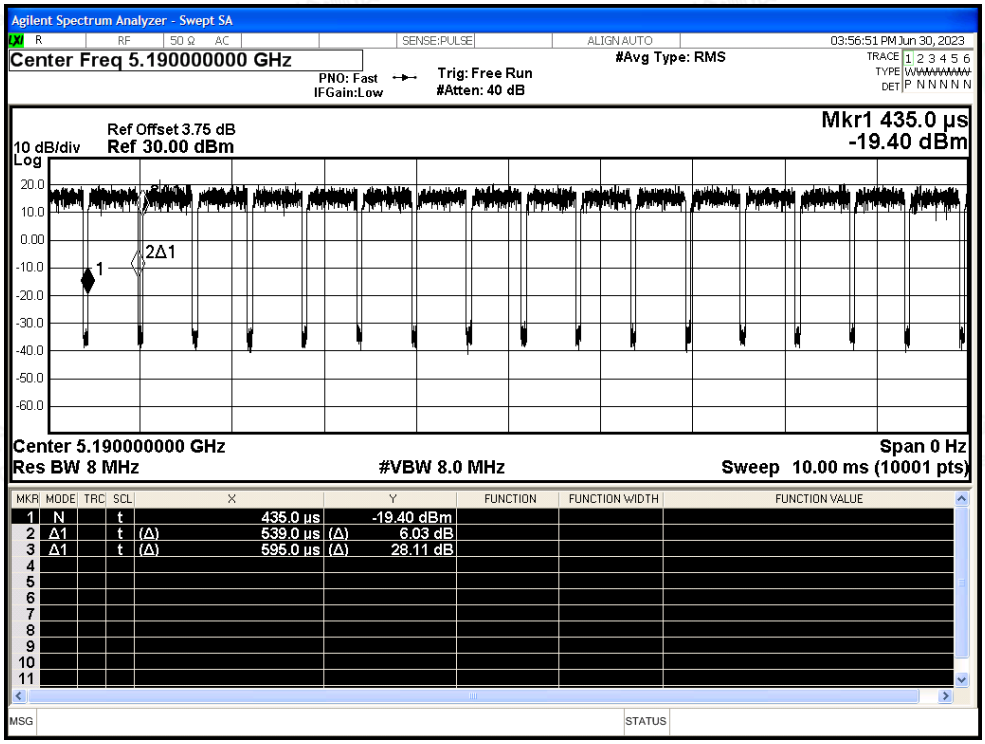
Duty Cycle NVNT ax20 5200MHz Ant0



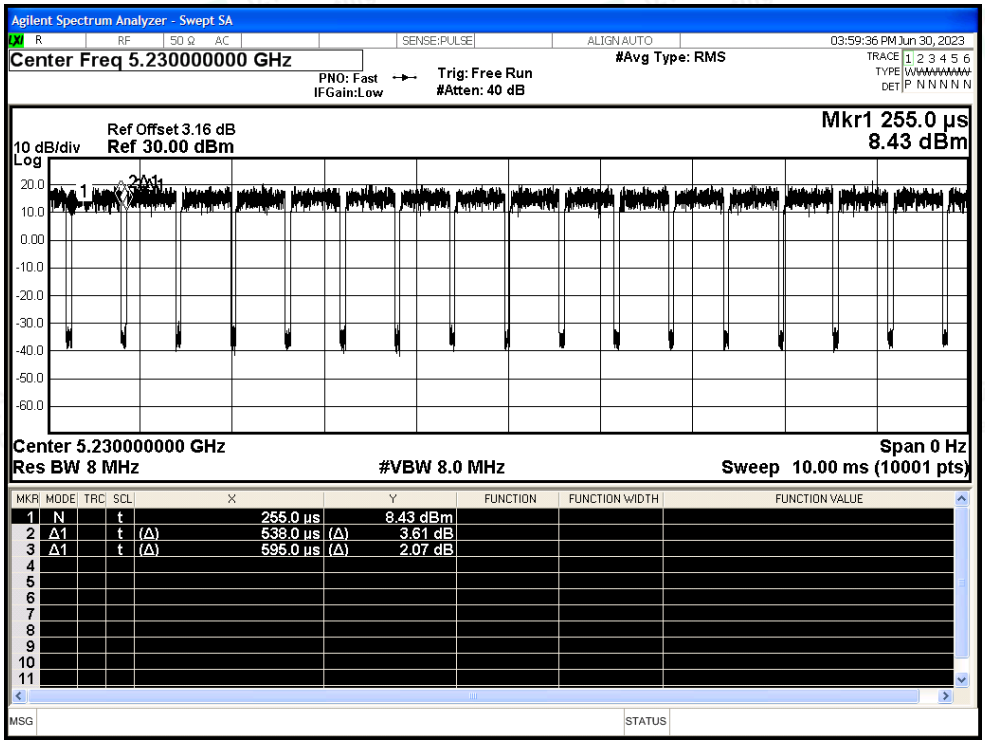
Duty Cycle NVNT ax20 5240MHz Ant0



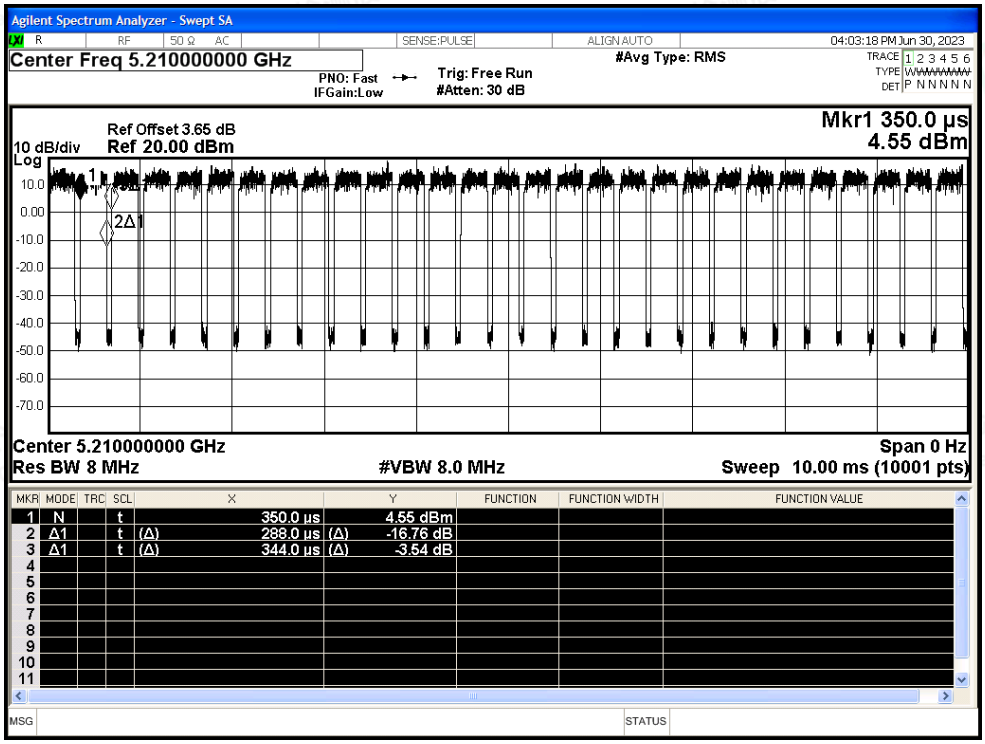
Duty Cycle NVNT ax40 5190MHz Ant0



Duty Cycle NVNT ax40 5230MHz Ant0



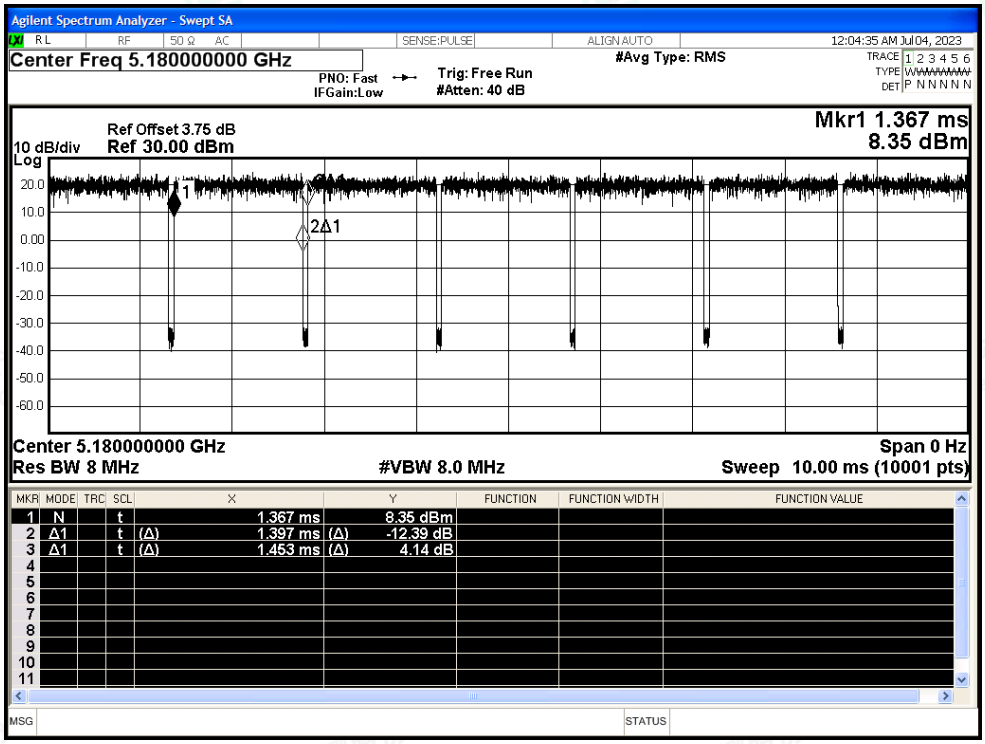
Duty Cycle NVNT ax80 5210MHz Ant0



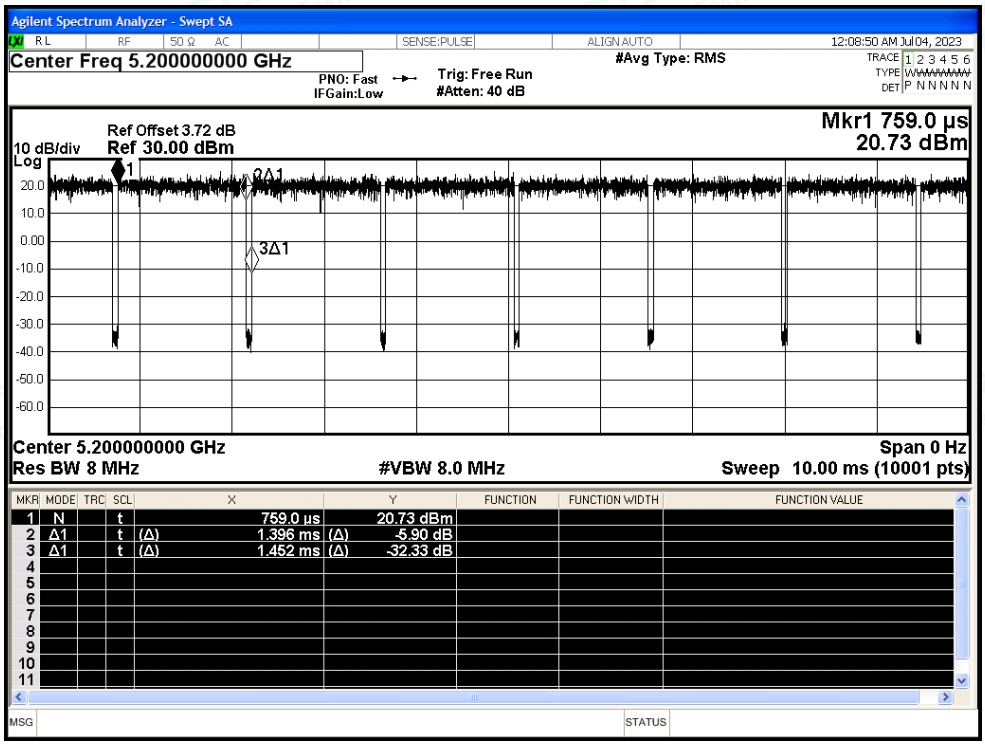
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant1	96.15	0.17	0.72
NVNT	a	5200	Ant1	96.14	0.17	0.72
NVNT	a	5240	Ant1	96.08	0.17	0.72
NVNT	n20	5180	Ant1	95.86	0.18	0.77
NVNT	n20	5200	Ant1	95.86	0.18	0.77
NVNT	n20	5240	Ant1	95.79	0.19	0.77
NVNT	n40	5190	Ant1	92.06	0.36	1.54
NVNT	n40	5230	Ant1	92.06	0.36	1.54
NVNT	ac20	5180	Ant1	95.85	0.18	0.76
NVNT	ac20	5200	Ant1	95.85	0.18	0.76
NVNT	ac20	5240	Ant1	95.85	0.18	0.76
NVNT	ac40	5190	Ant1	92.15	0.36	1.52
NVNT	ac40	5230	Ant1	92.01	0.36	1.52
NVNT	ac80	5210	Ant1	85.3	0.69	3.08
NVNT	ax20	5180	Ant1	94.79	0.23	0.98
NVNT	ax20	5200	Ant1	94.79	0.23	0.98
NVNT	ax20	5240	Ant1	94.69	0.24	0.98
NVNT	ax40	5190	Ant1	90.59	0.43	1.86
NVNT	ax40	5230	Ant1	90.59	0.43	1.86
NVNT	ax80	5210	Ant1	83.72	0.77	3.47

Test Graphs

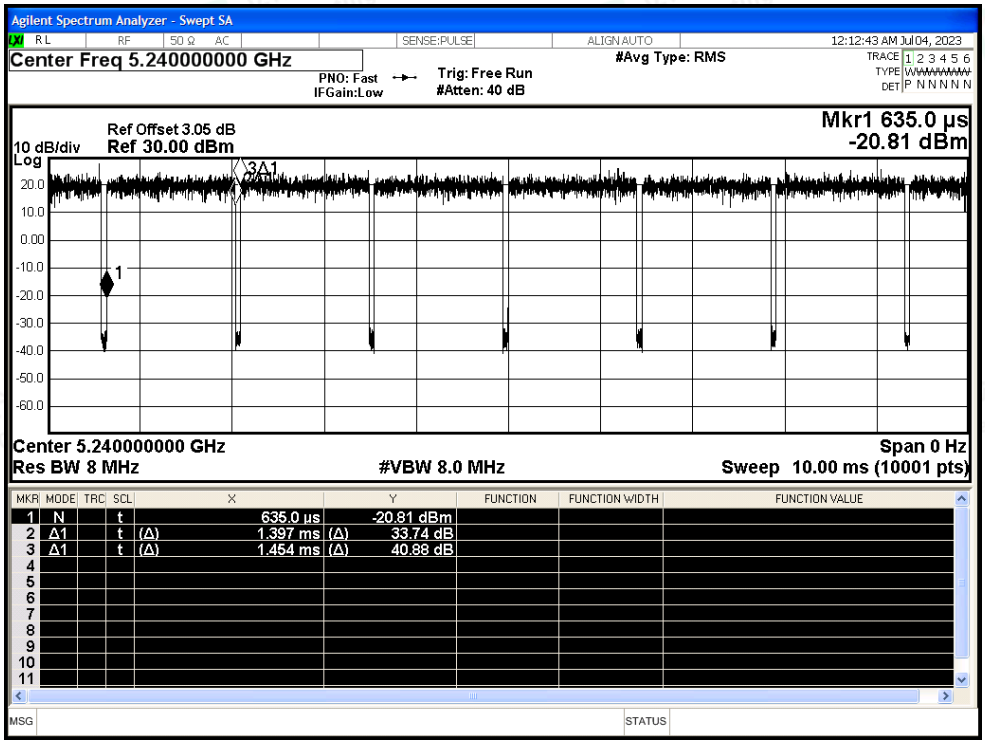
Duty Cycle NVNT a 5180MHz Ant1



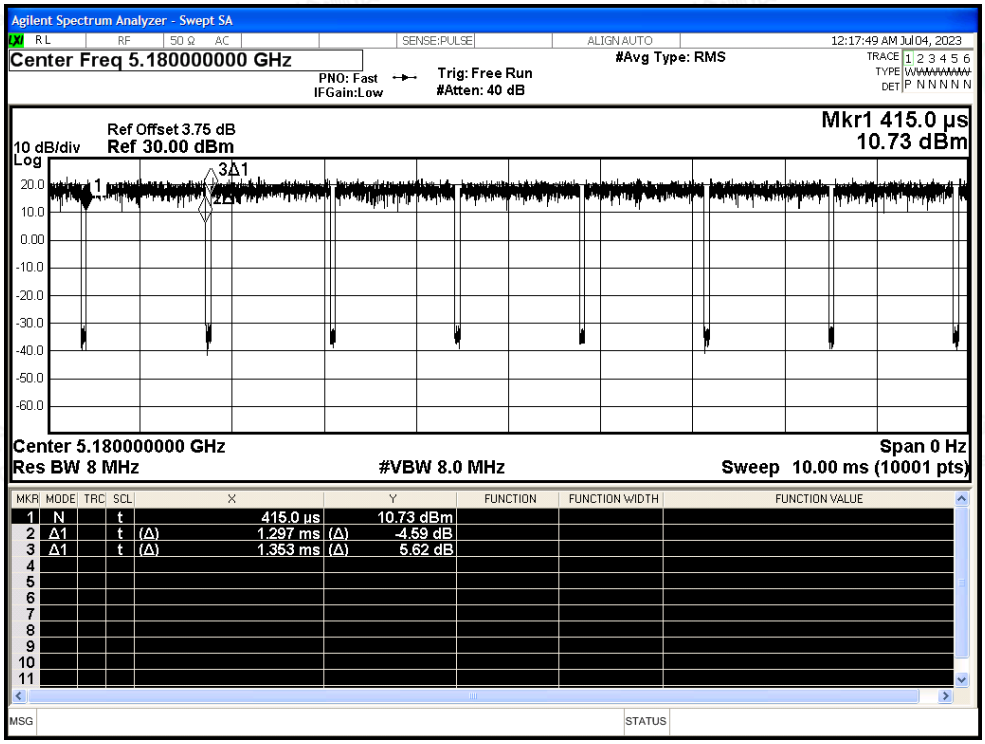
Duty Cycle NVNT a 5200MHz Ant1



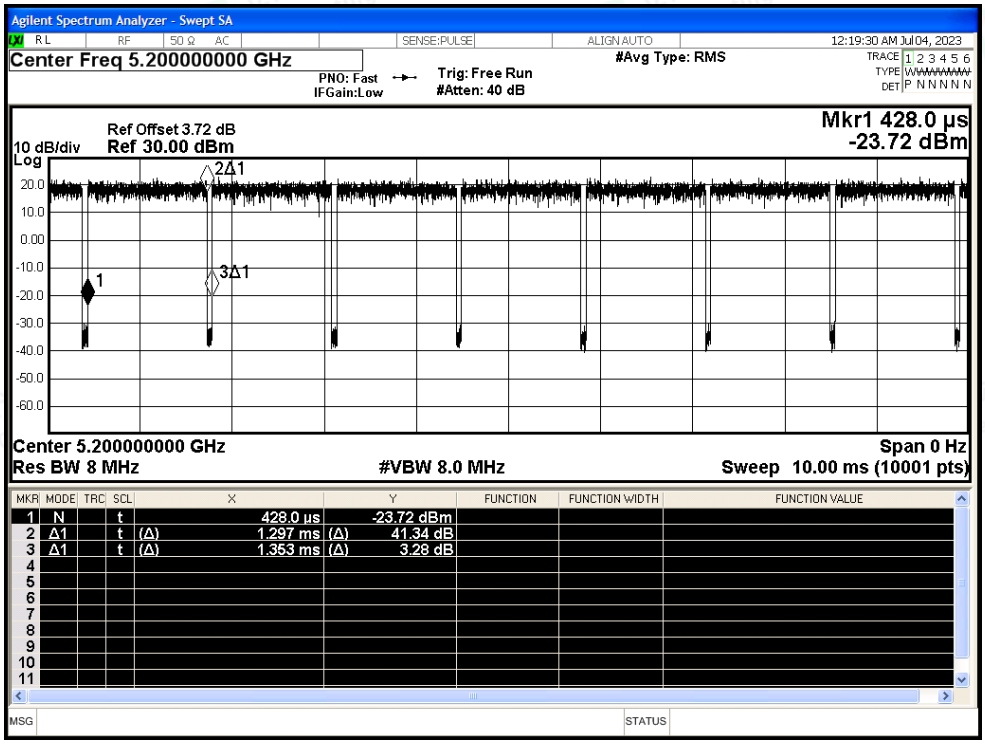
Duty Cycle NVNT a 5240MHz Ant1



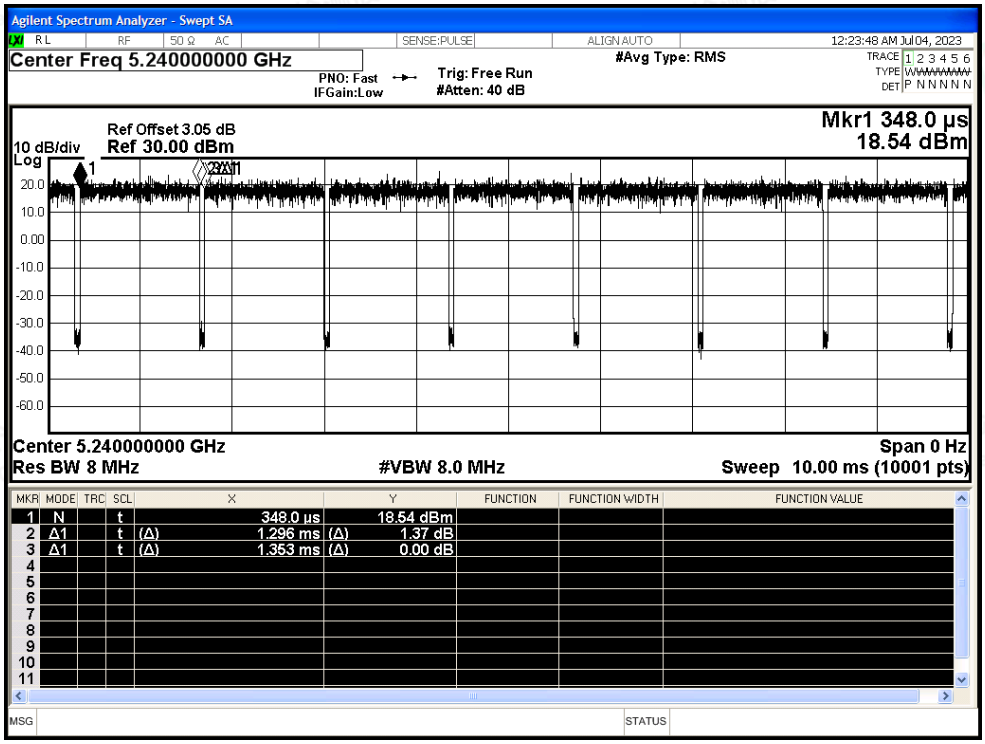
Duty Cycle NVNT n20 5180MHz Ant1



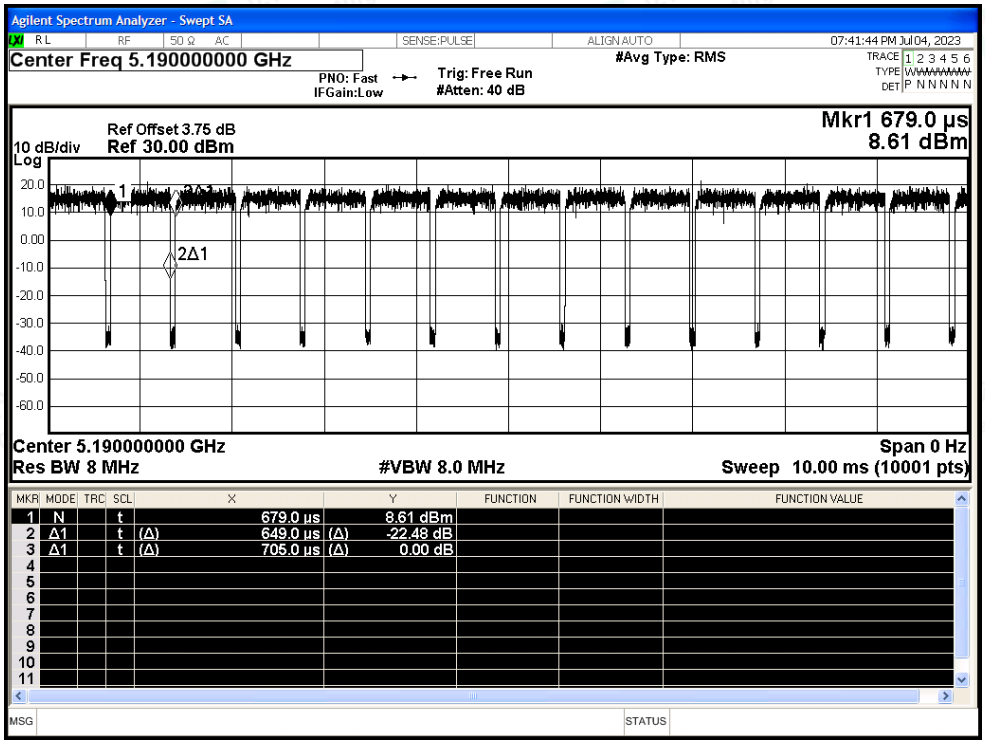
Duty Cycle NVNT n20 5200MHz Ant1



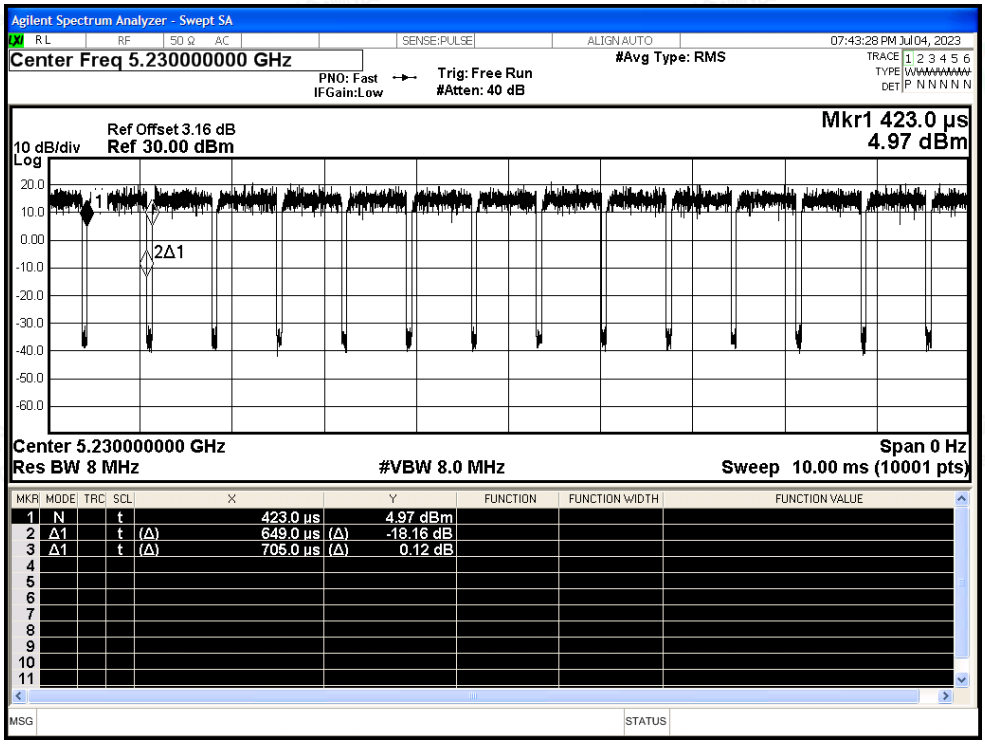
Duty Cycle NVNT n20 5240MHz Ant1



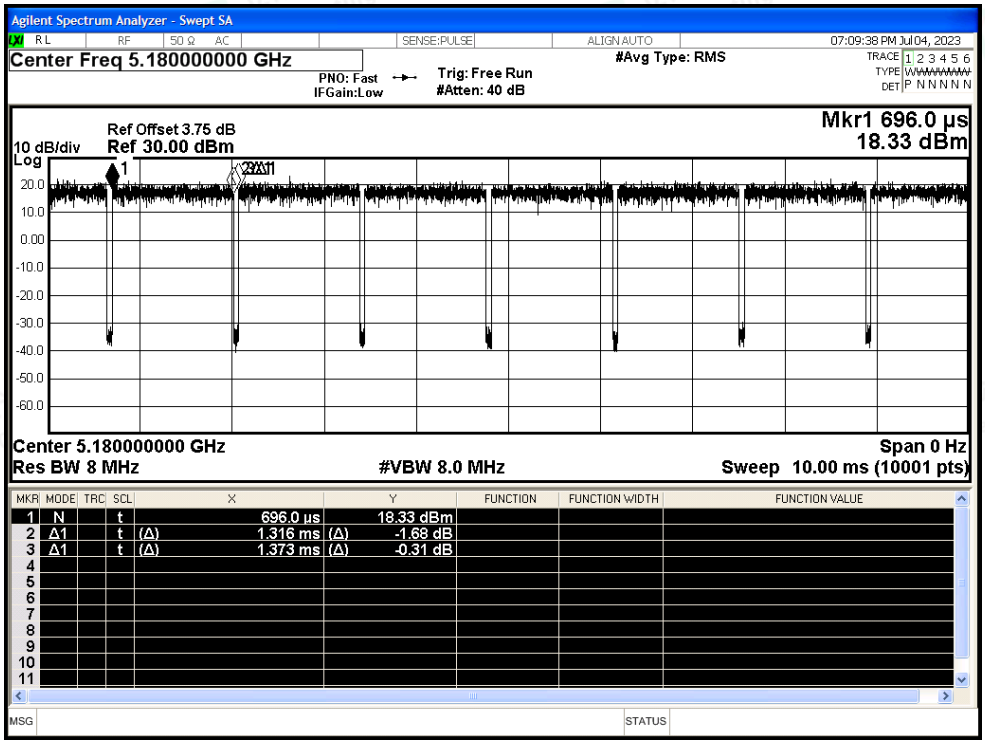
Duty Cycle NVNT n40 5190MHz Ant1



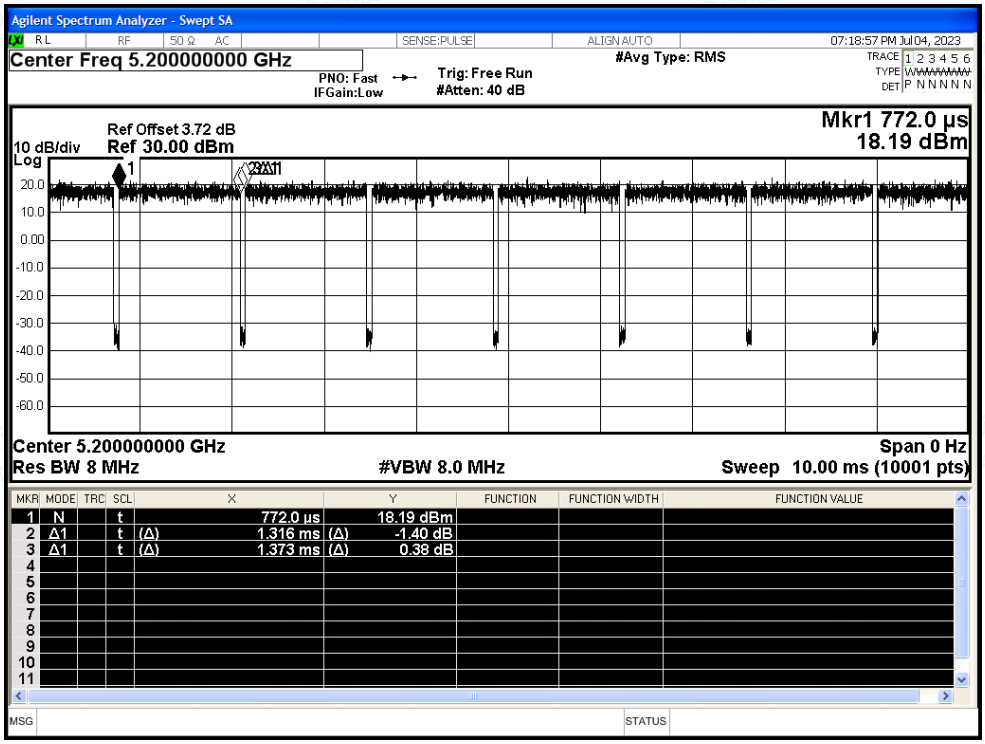
Duty Cycle NVNT n40 5230MHz Ant1



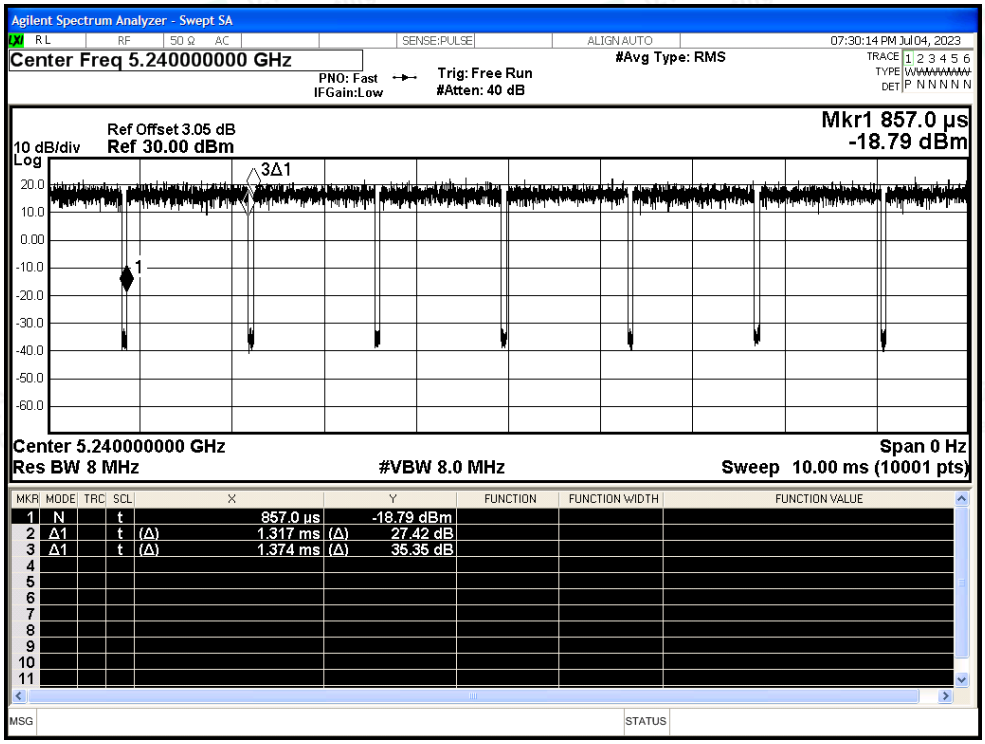
Duty Cycle NVNT ac20 5180MHz Ant1



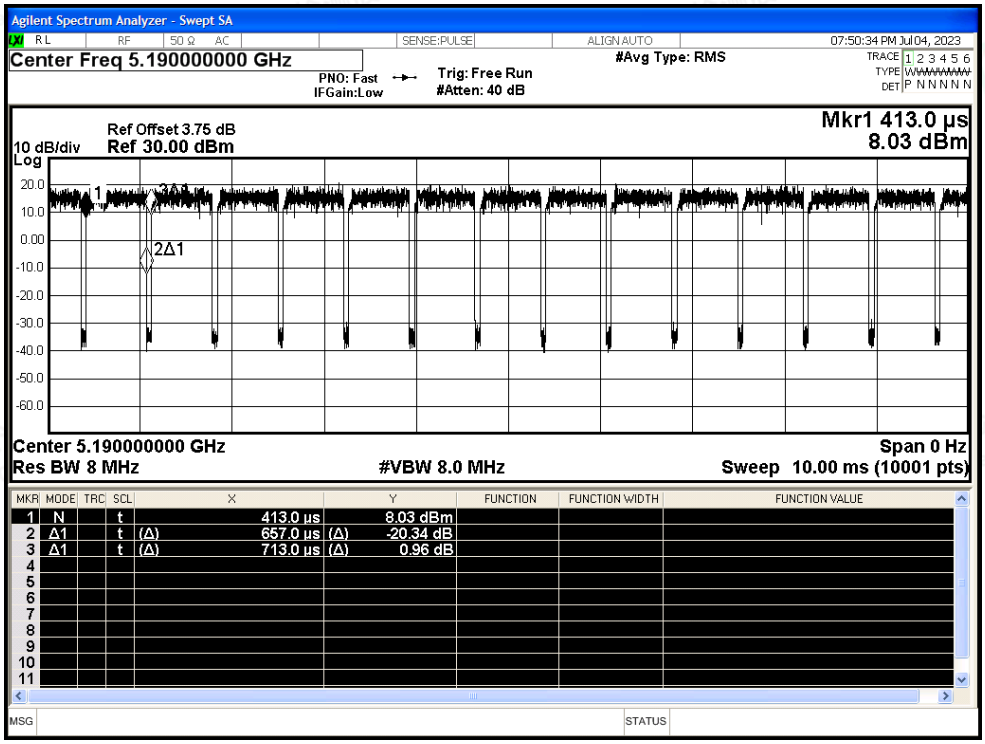
Duty Cycle NVNT ac20 5200MHz Ant1



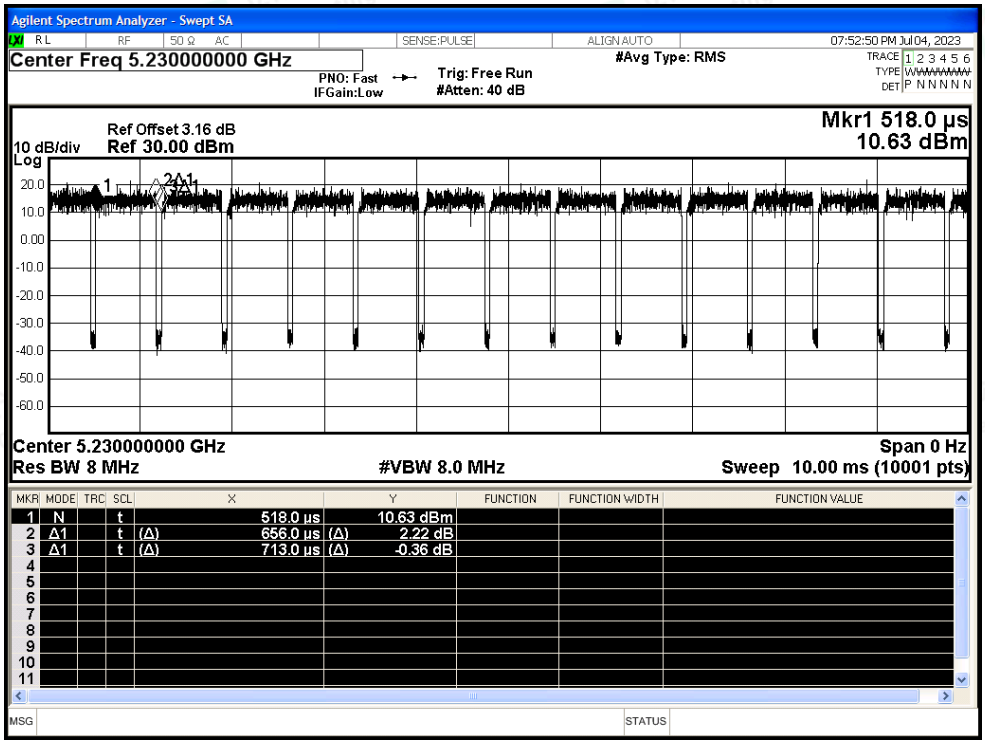
Duty Cycle NVNT ac20 5240MHz Ant1



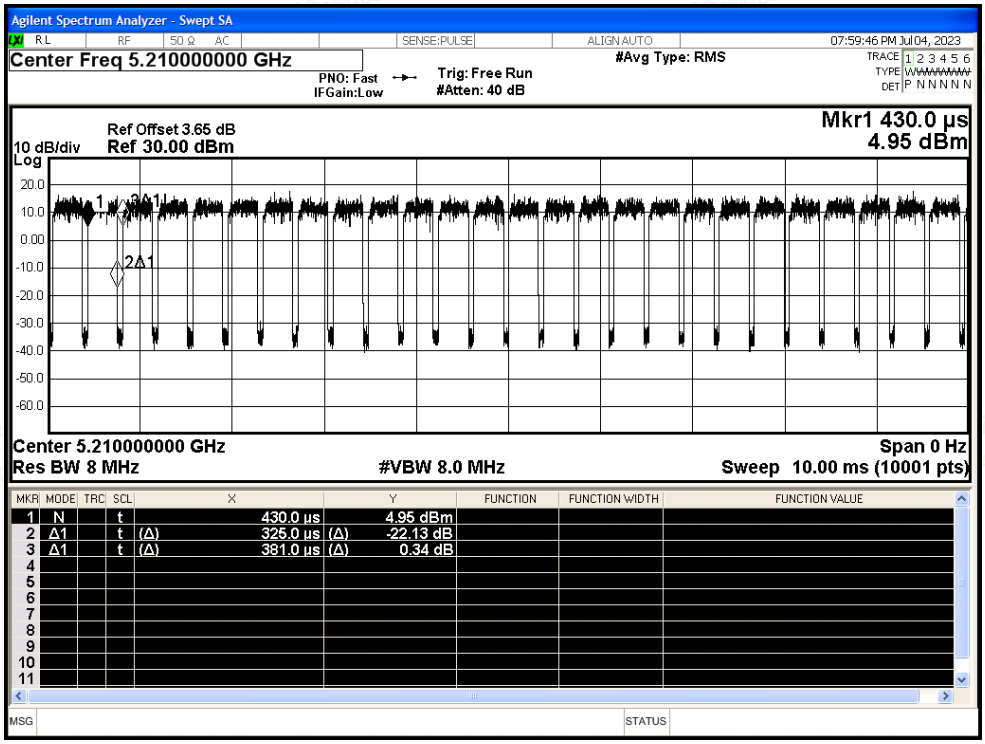
Duty Cycle NVNT ac40 5190MHz Ant1



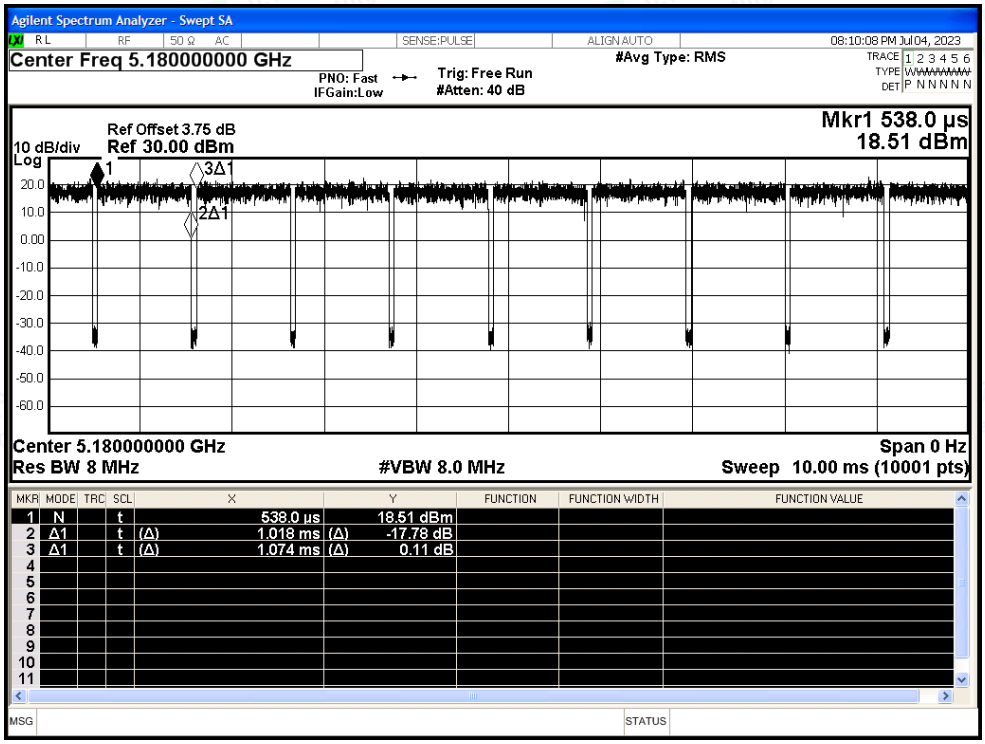
Duty Cycle NVNT ac40 5230MHz Ant1



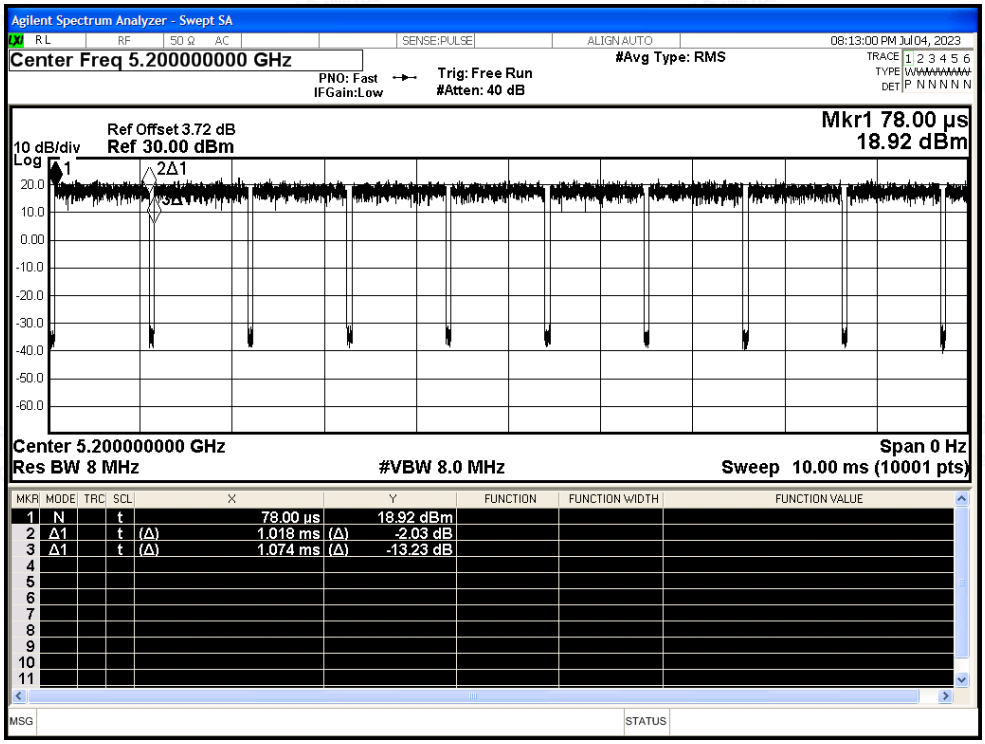
Duty Cycle NVNT ac80 5210MHz Ant1



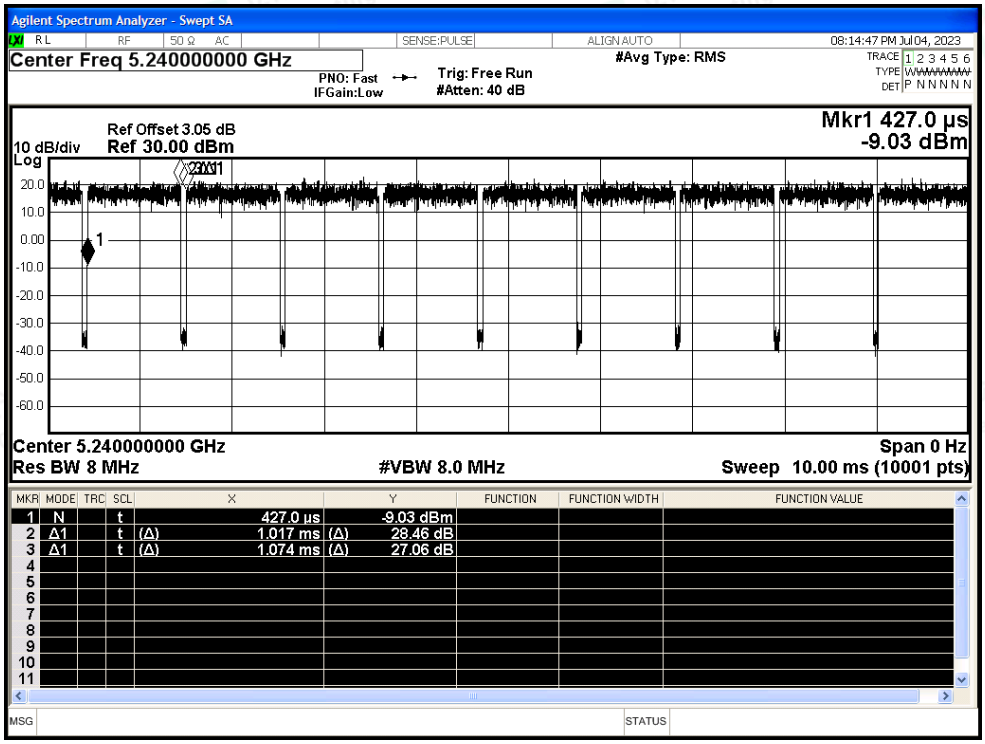
Duty Cycle NVNT ax20 5180MHz Ant1



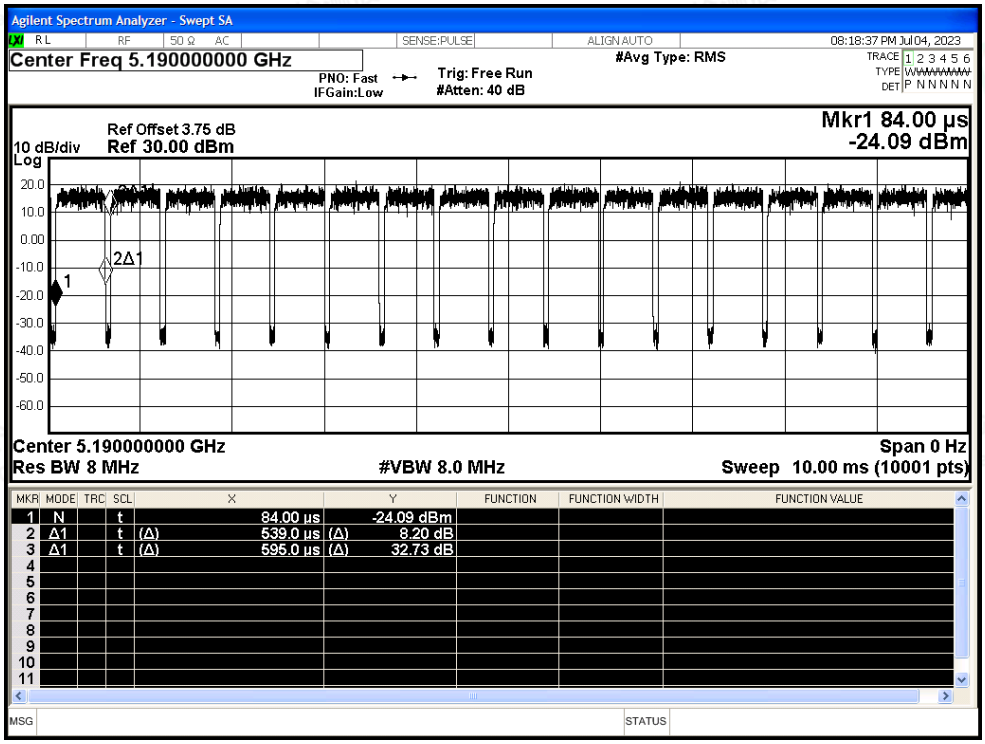
Duty Cycle NVNT ax20 5200MHz Ant1



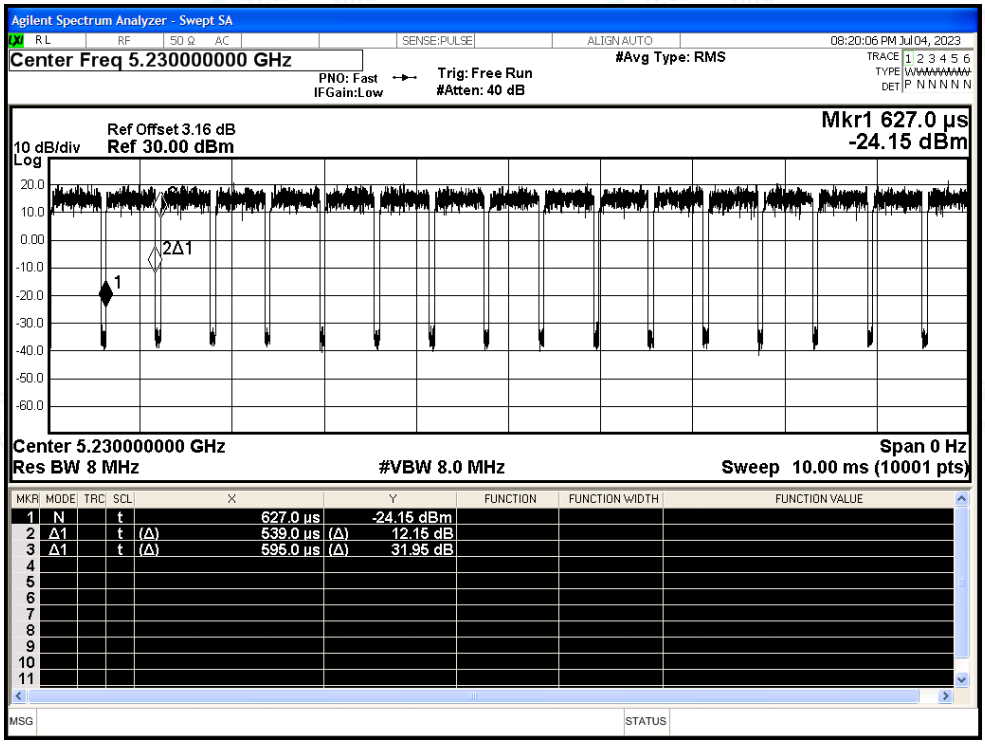
Duty Cycle NVNT ax20 5240MHz Ant1



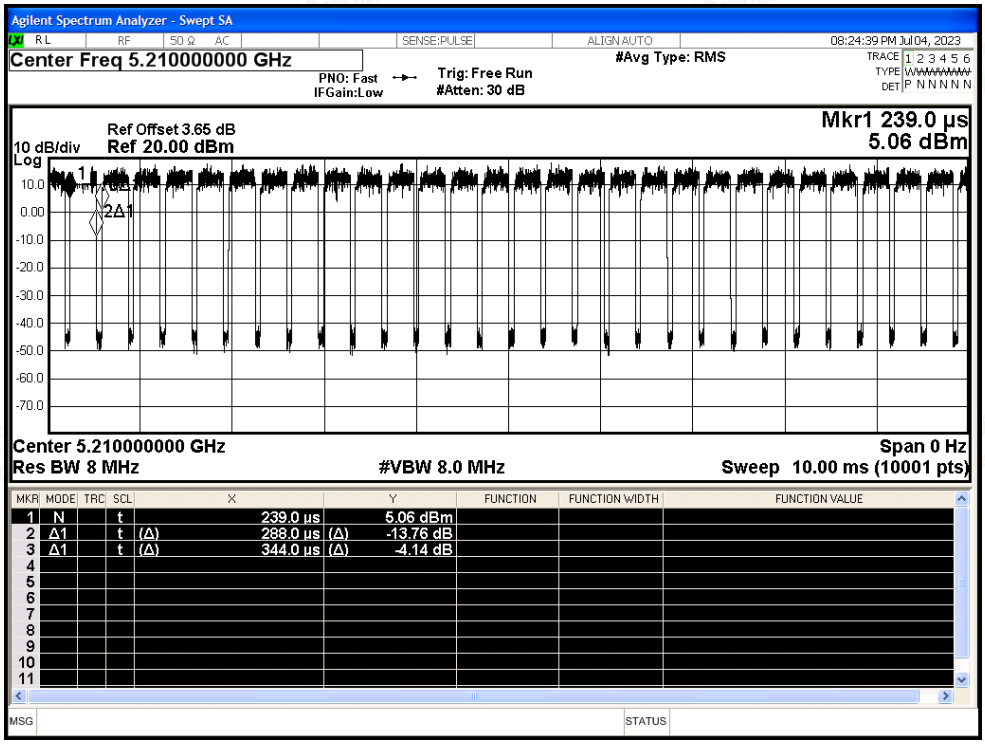
Duty Cycle NVNT ax40 5190MHz Ant1



Duty Cycle NVNT ax40 5230MHz Ant1



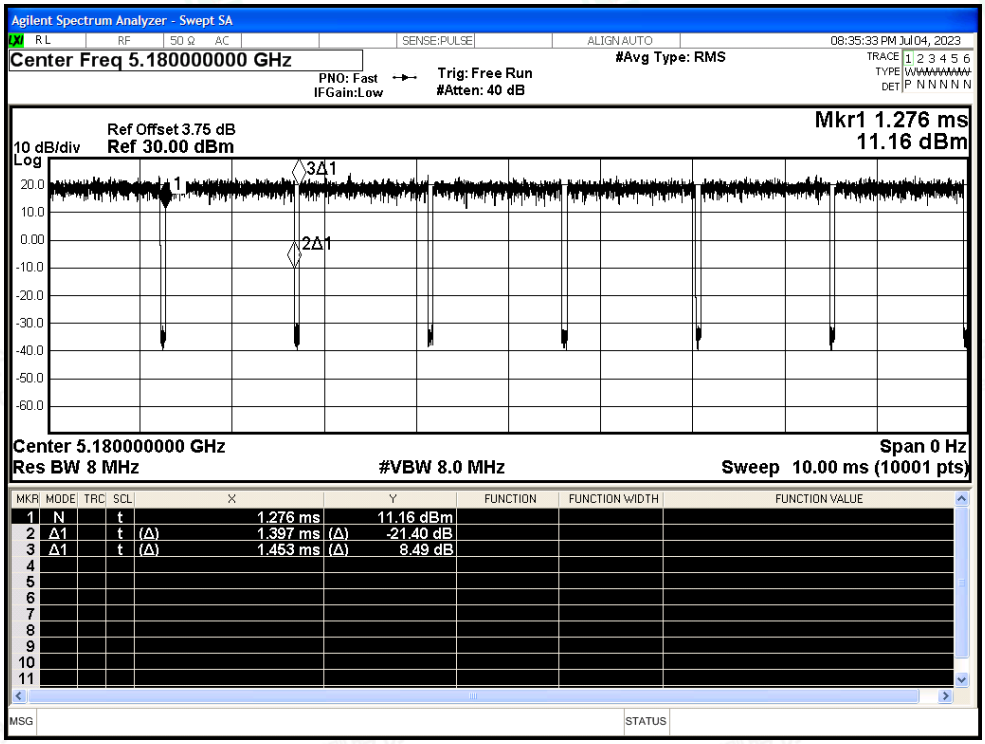
Duty Cycle NVNT ax80 5210MHz Ant1



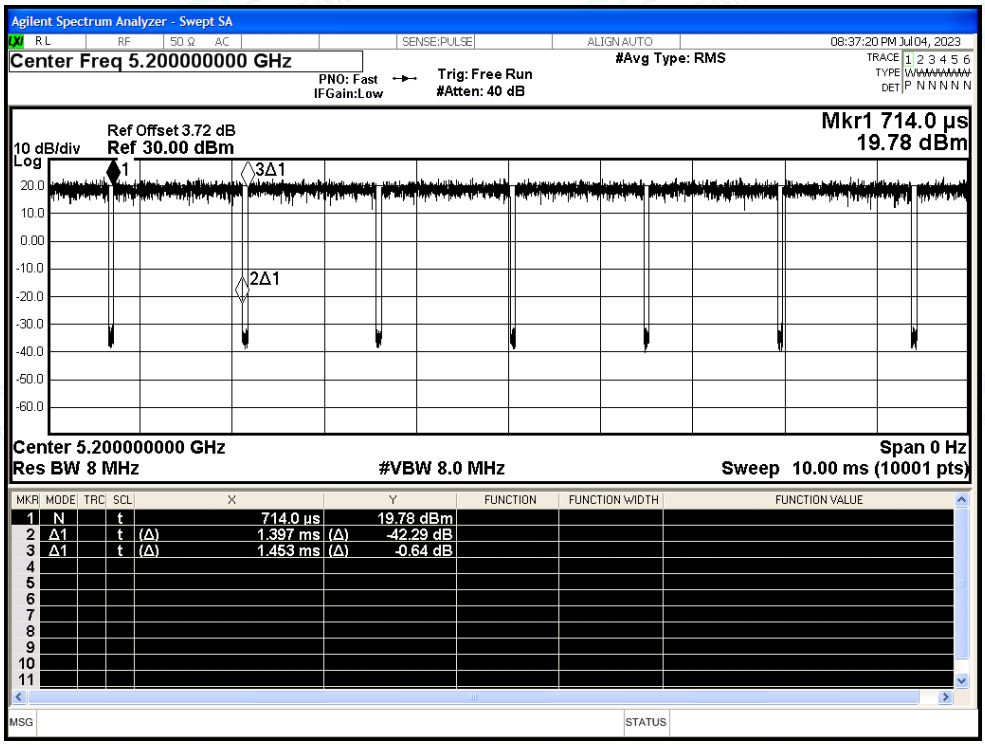
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant2	96.15	0.17	0.72
NVNT	a	5200	Ant2	96.15	0.17	0.72
NVNT	a	5240	Ant2	96.08	0.17	0.72
NVNT	n20	5180	Ant2	95.85	0.18	0.77
NVNT	n20	5200	Ant2	95.85	0.18	0.77
NVNT	n20	5240	Ant2	95.77	0.19	0.77
NVNT	n40	5190	Ant2	92.06	0.36	1.54
NVNT	n40	5230	Ant2	92.06	0.36	1.54
NVNT	ac20	5180	Ant2	95.85	0.18	0.76
NVNT	ac20	5200	Ant2	95.85	0.18	0.76
NVNT	ac20	5240	Ant2	95.85	0.18	0.76
NVNT	ac40	5190	Ant2	92.15	0.36	1.52
NVNT	ac40	5230	Ant2	65.22	1.86	9.52
NVNT	ac80	5210	Ant2	85.3	0.69	3.08
NVNT	ax20	5180	Ant2	94.79	0.23	0.98
NVNT	ax20	5200	Ant2	94.79	0.23	0.98
NVNT	ax20	5240	Ant2	94.69	0.24	0.98
NVNT	ax40	5190	Ant2	90.42	0.44	1.86
NVNT	ax40	5230	Ant2	90.57	0.43	1.86
NVNT	ax80	5210	Ant2	83.43	0.79	3.48

Test Graphs

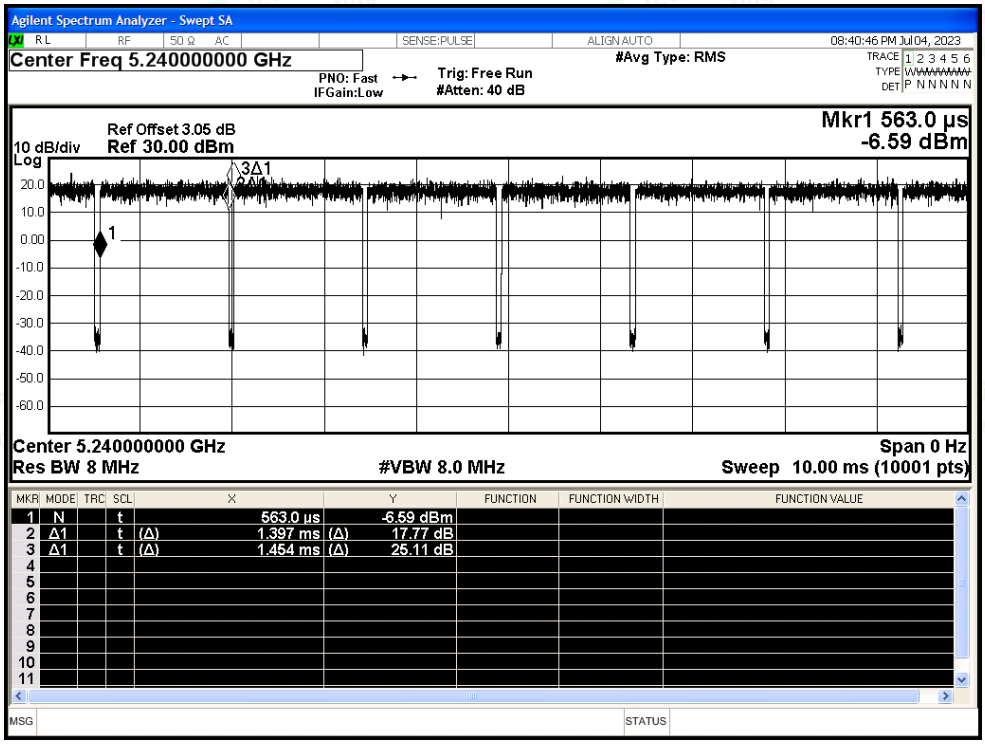
Duty Cycle NVNT a 5180MHz Ant2



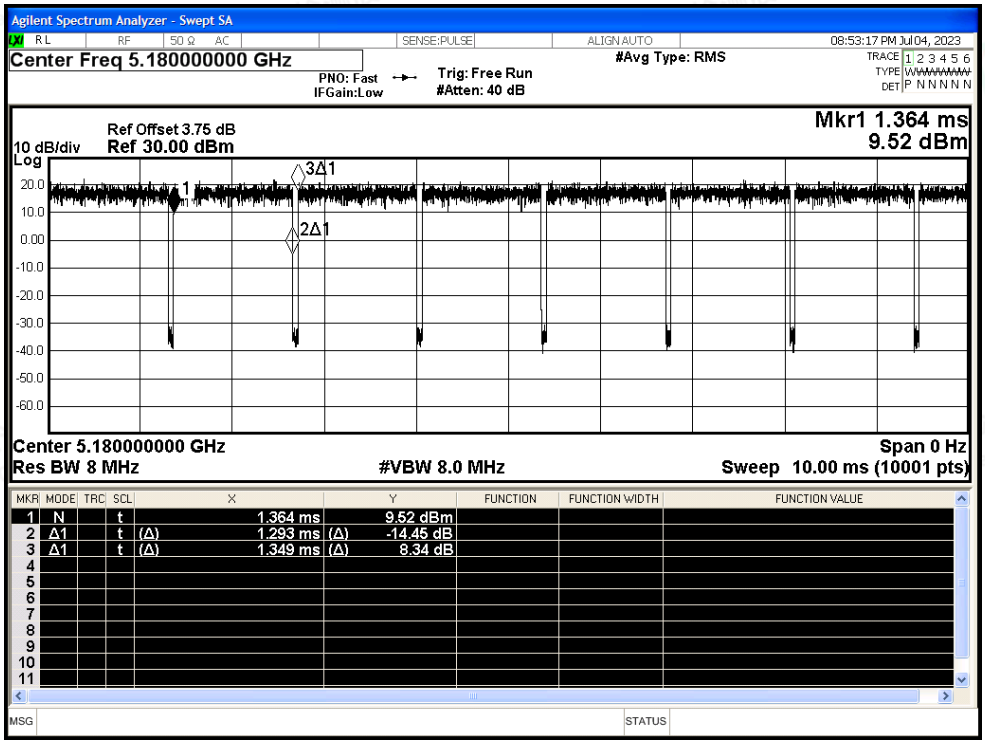
Duty Cycle NVNT a 5200MHz Ant2



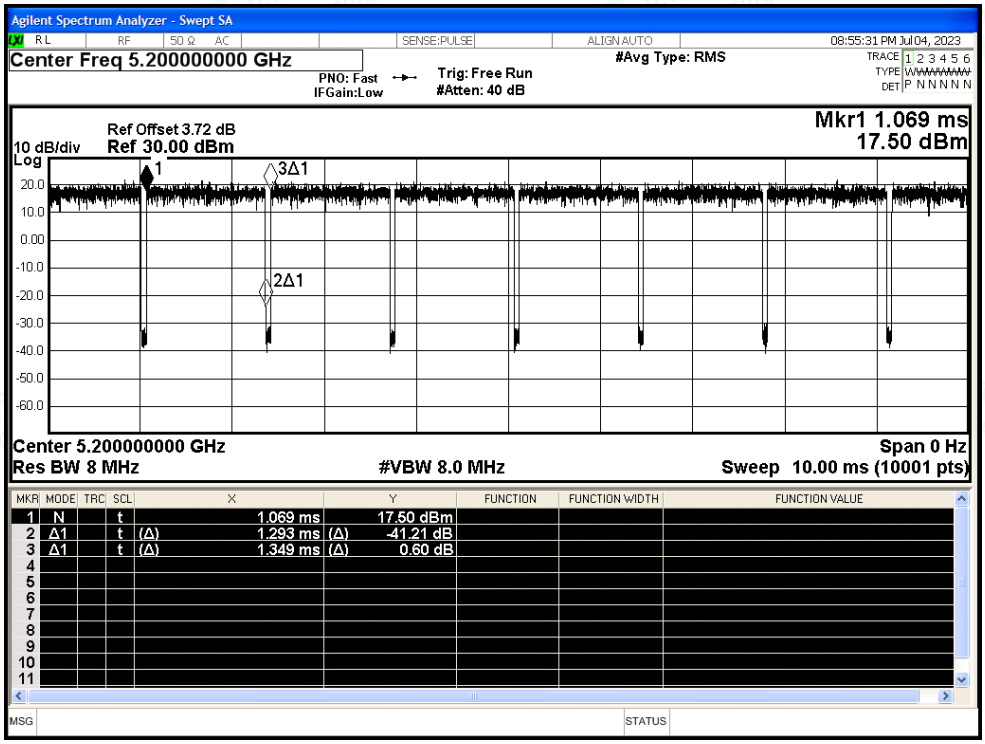
Duty Cycle NVNT a 5240MHz Ant2



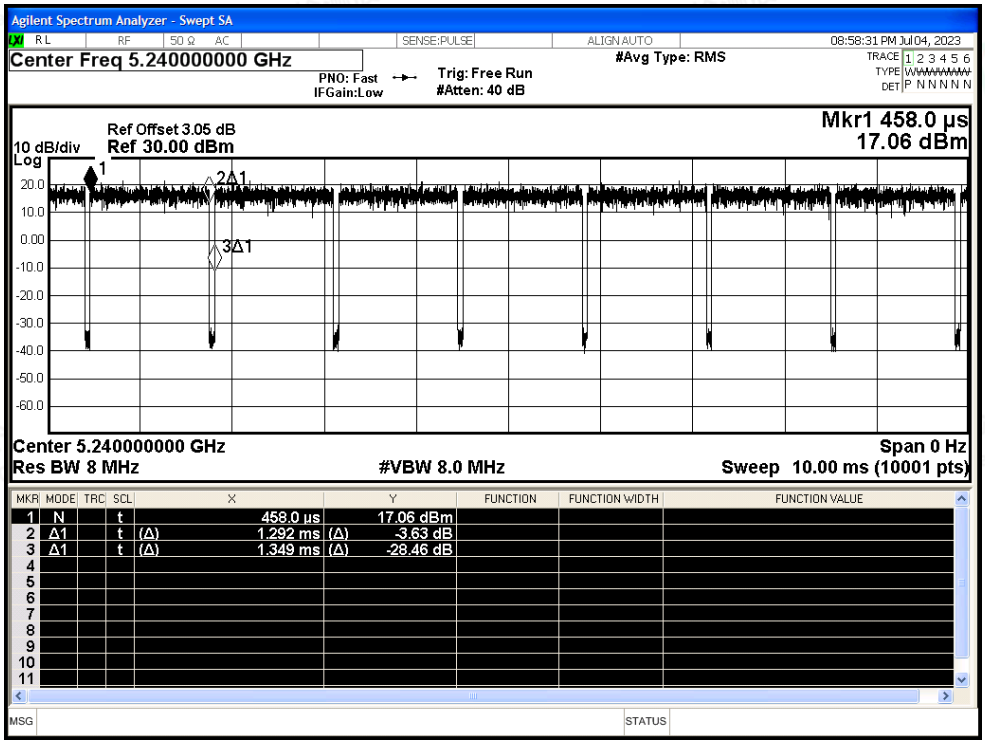
Duty Cycle NVNT n20 5180MHz Ant2



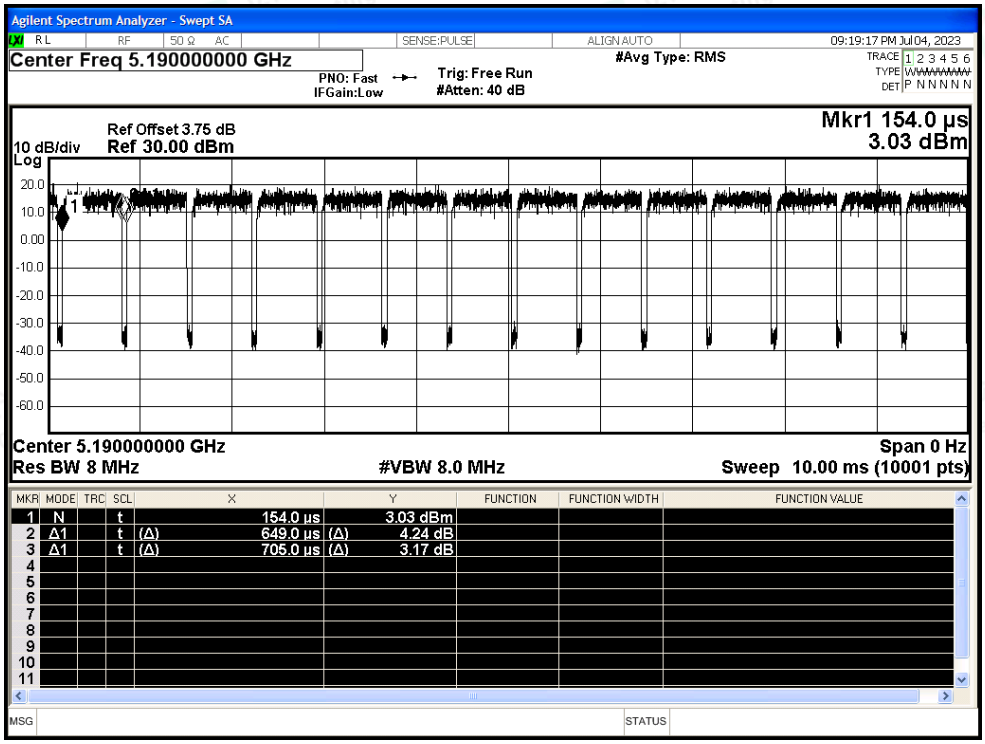
Duty Cycle NVNT n20 5200MHz Ant2



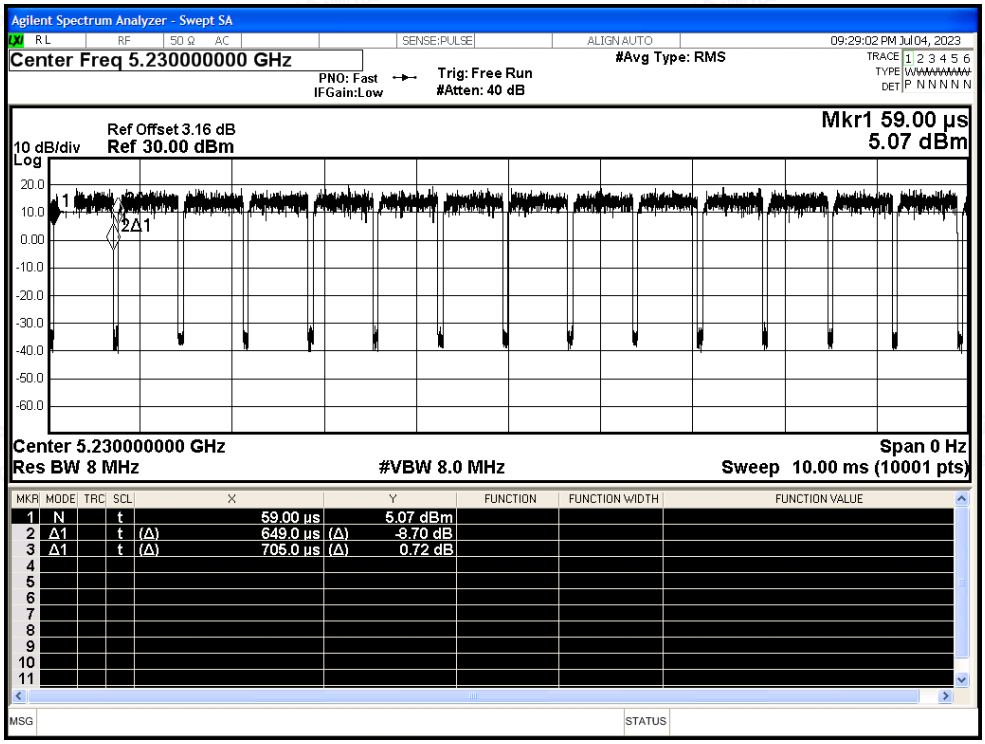
Duty Cycle NVNT n20 5240MHz Ant2



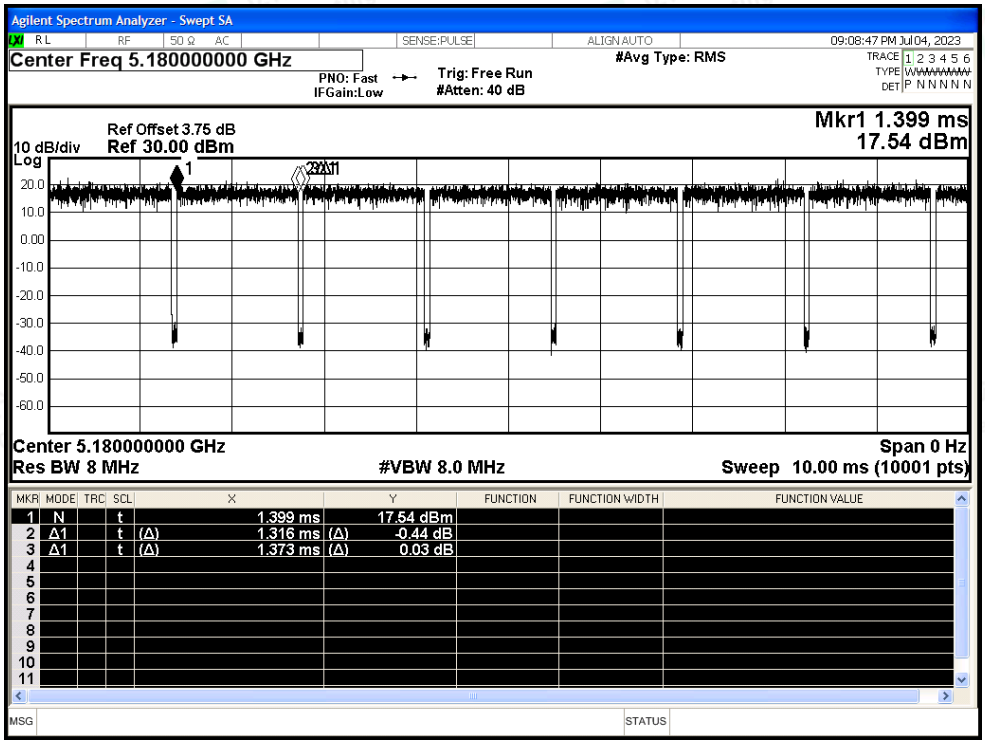
Duty Cycle NVNT n40 5190MHz Ant2



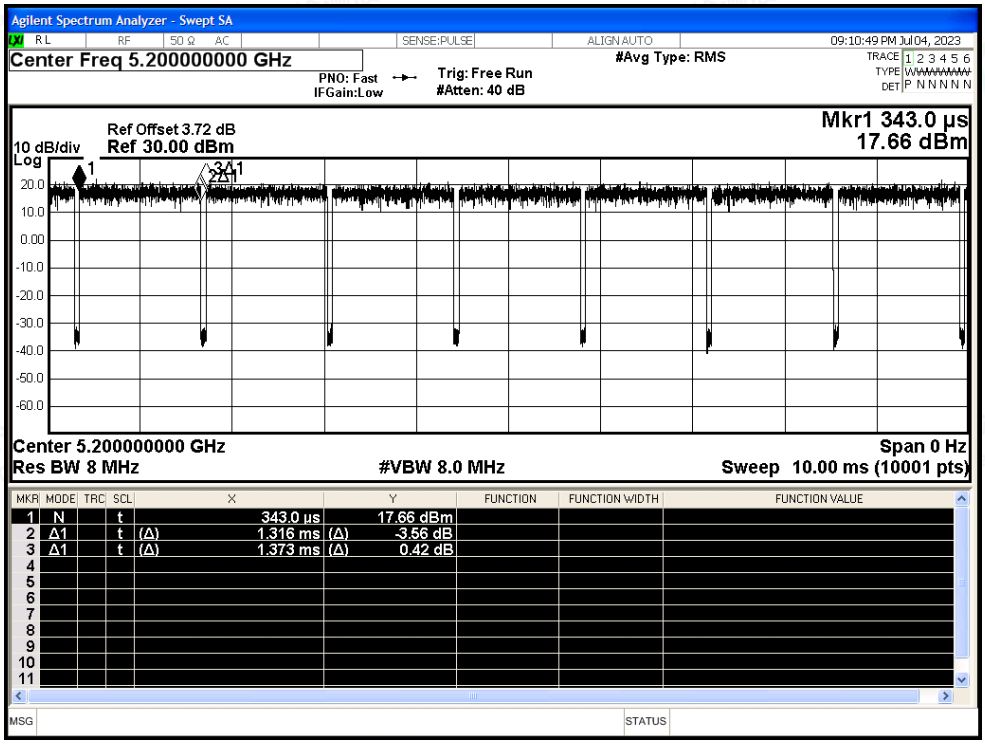
Duty Cycle NVNT n40 5230MHz Ant2



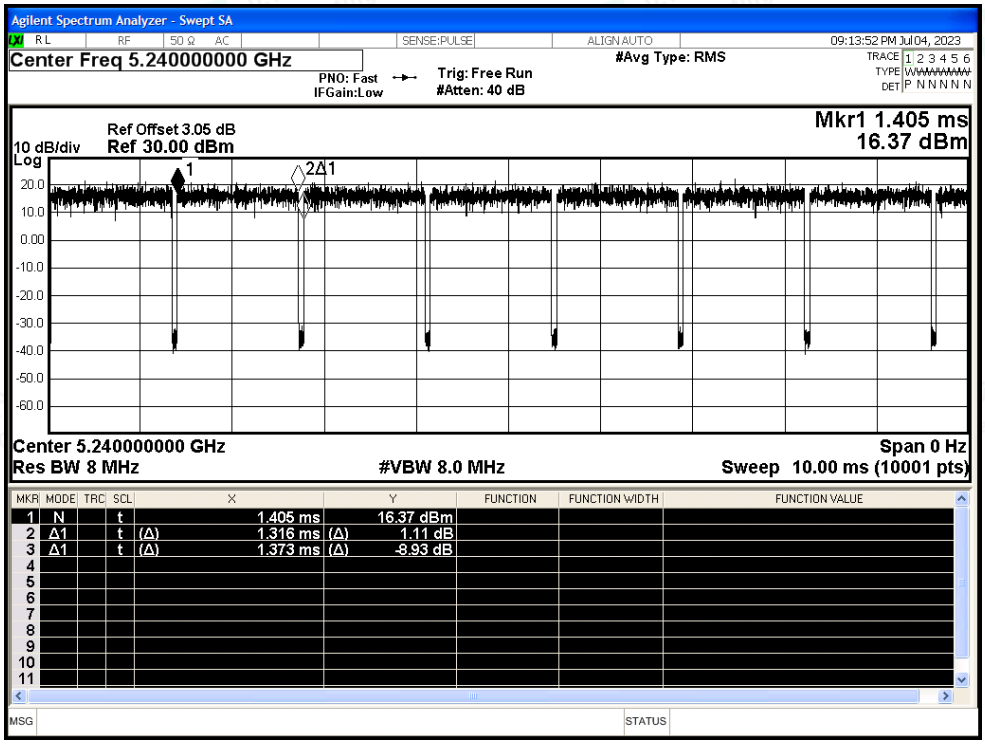
Duty Cycle NVNT ac20 5180MHz Ant2



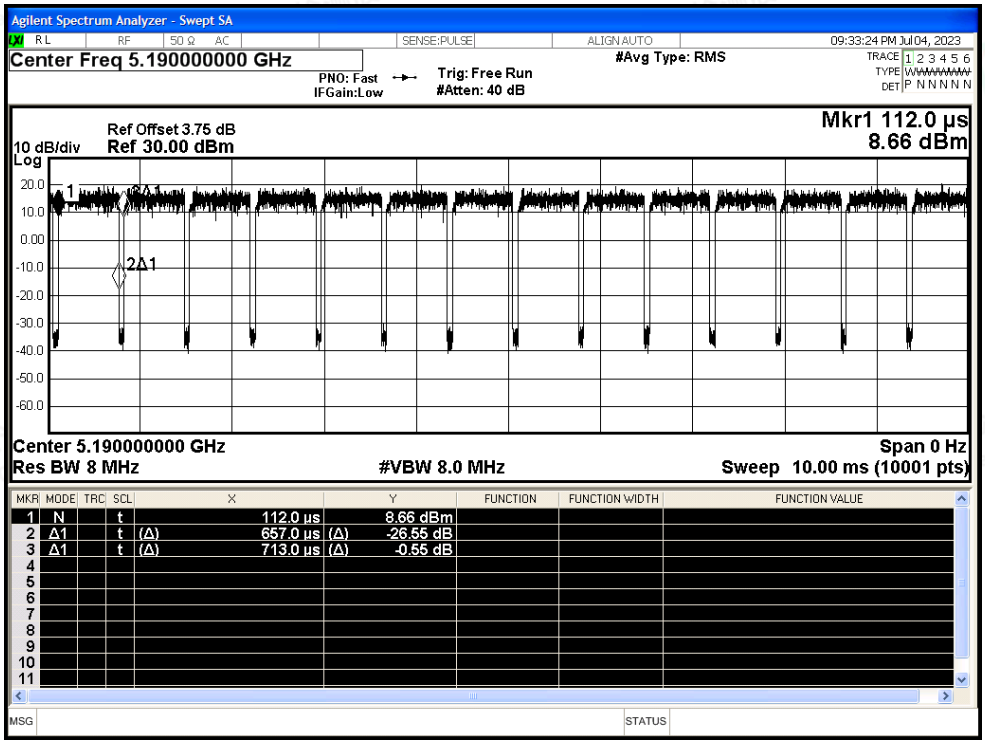
Duty Cycle NVNT ac20 5200MHz Ant2



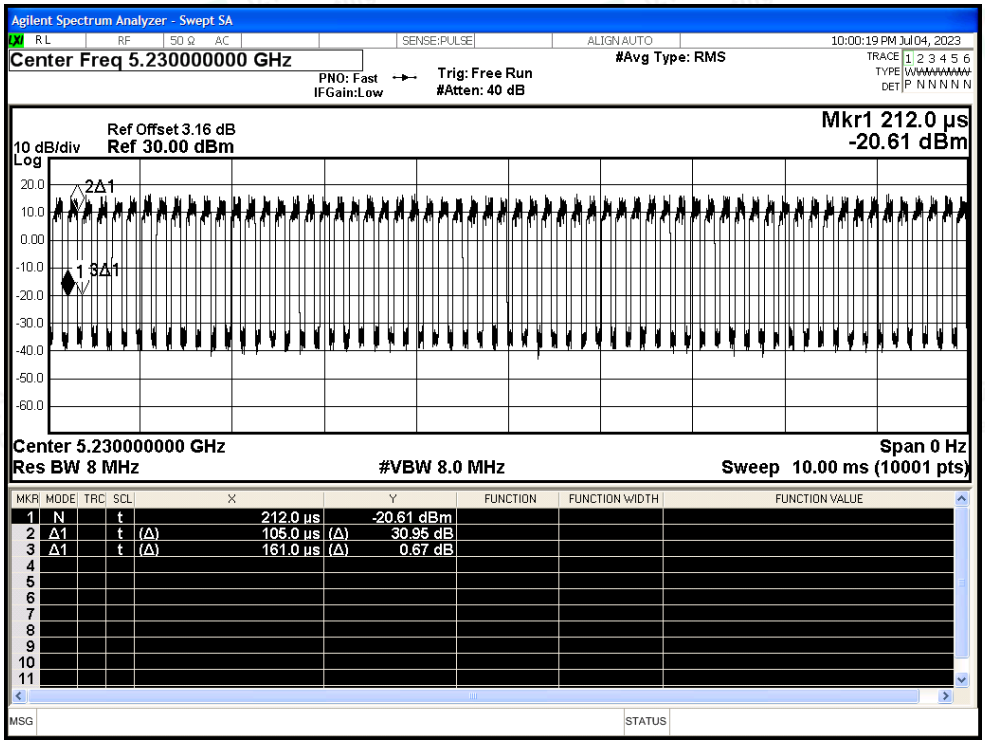
Duty Cycle NVNT ac20 5240MHz Ant2



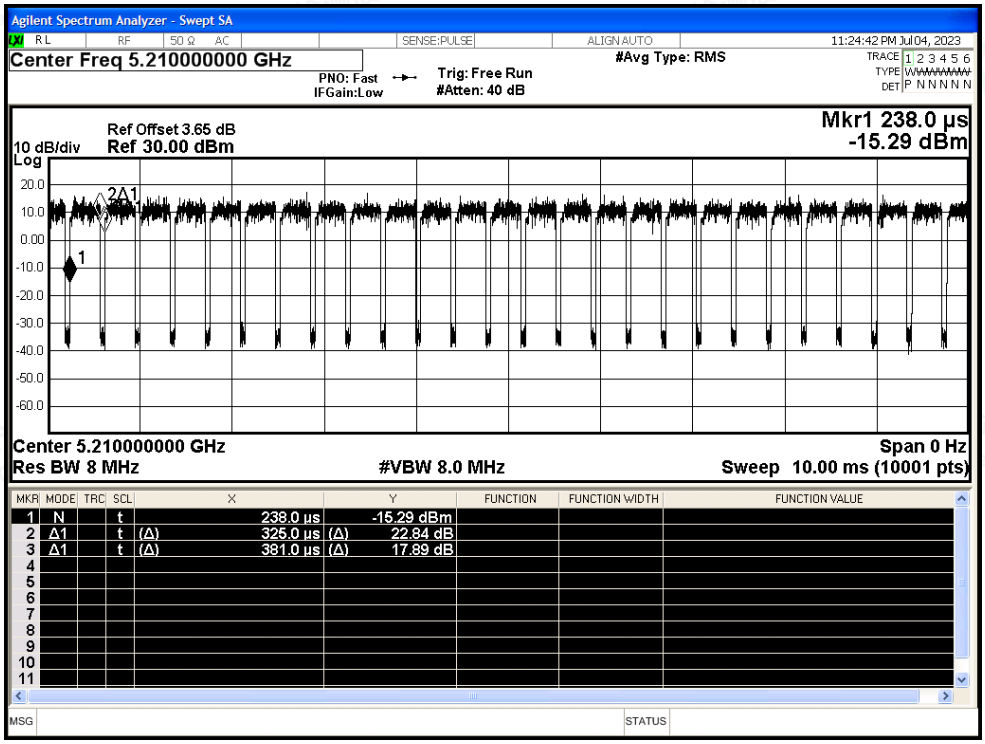
Duty Cycle NVNT ac40 5190MHz Ant2



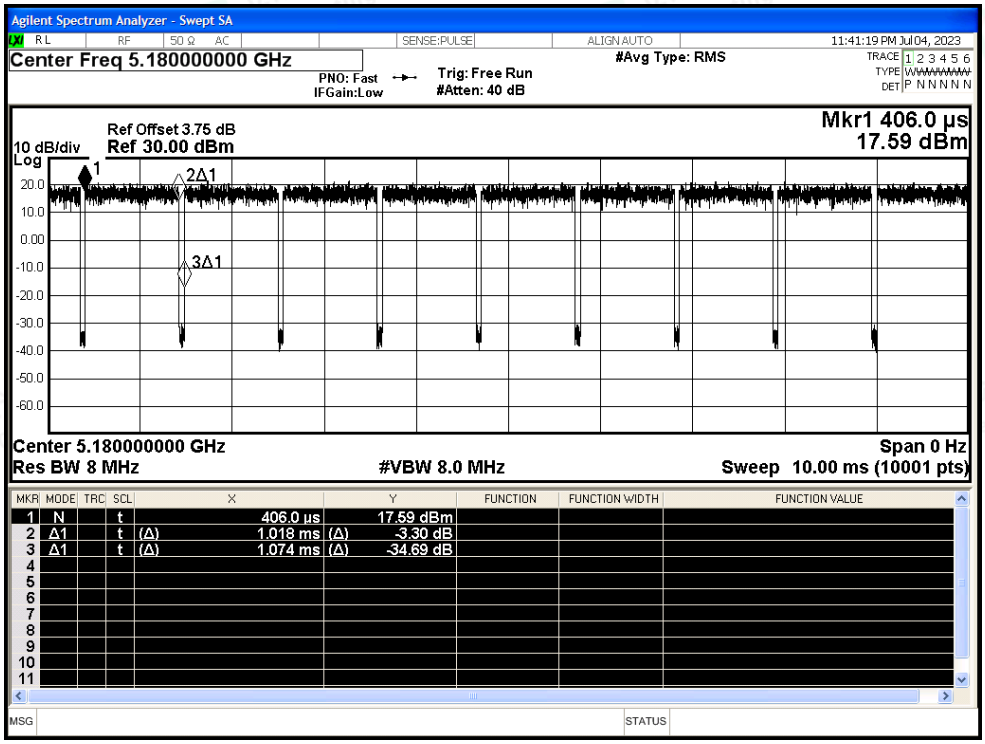
Duty Cycle NVNT ac40 5230MHz Ant2



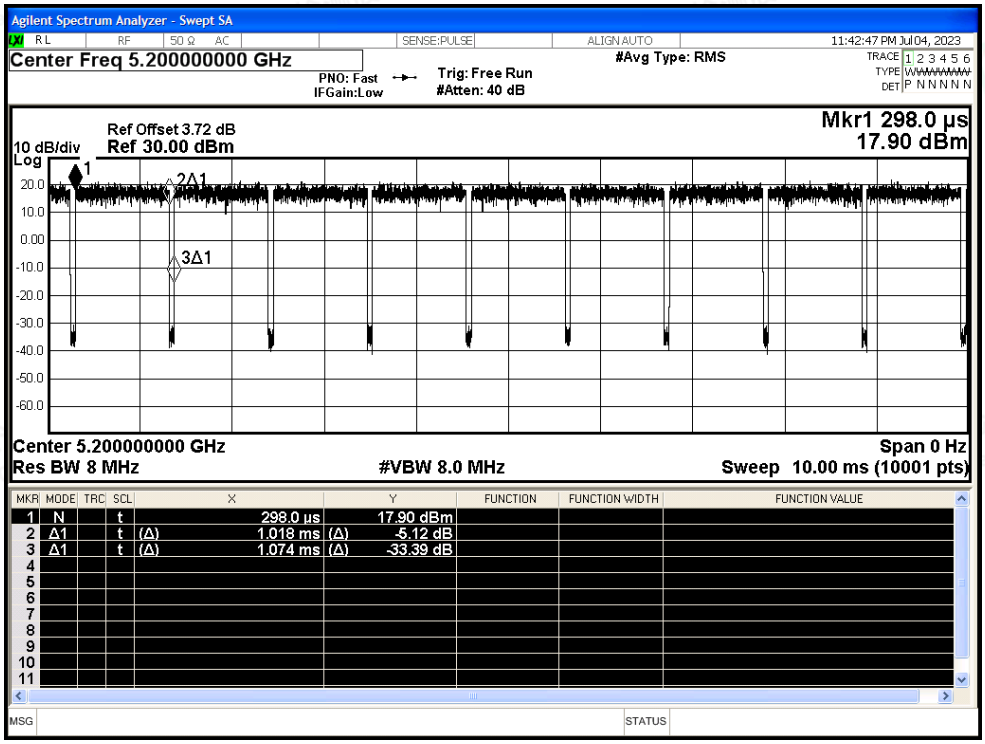
Duty Cycle NVNT ac80 5210MHz Ant2



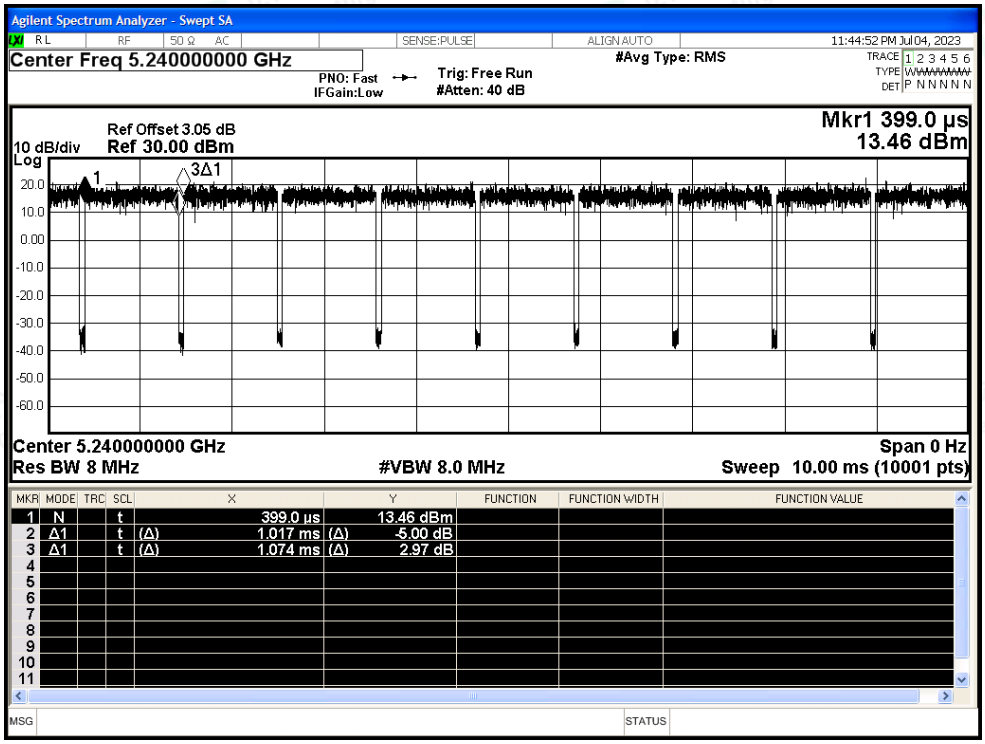
Duty Cycle NVNT ax20 5180MHz Ant2



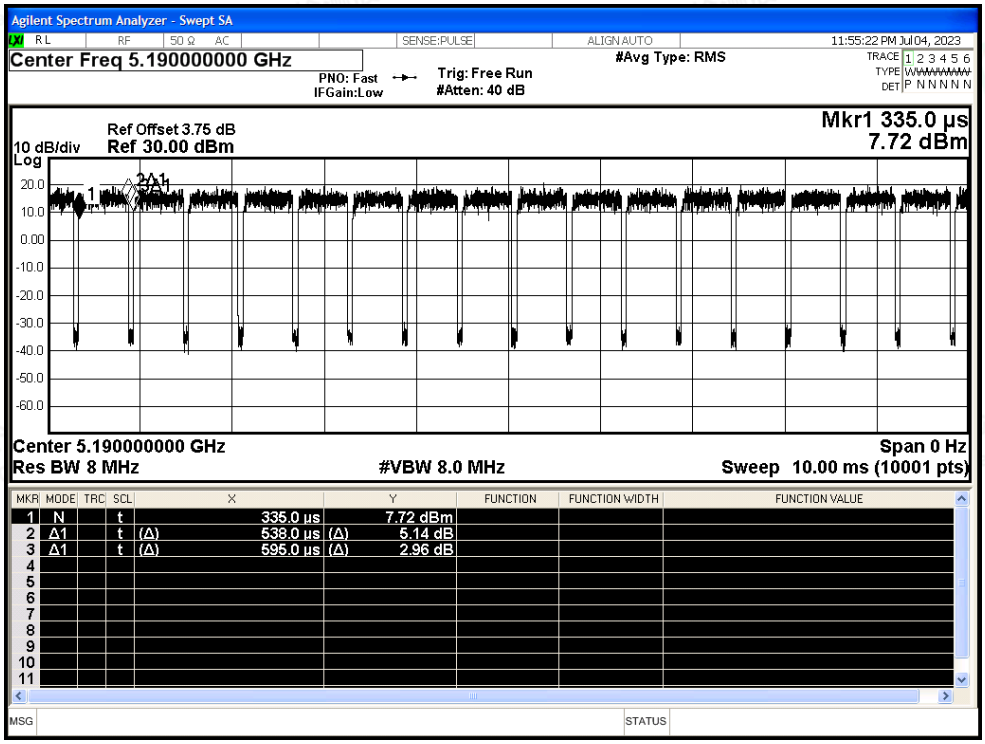
Duty Cycle NVNT ax20 5200MHz Ant2



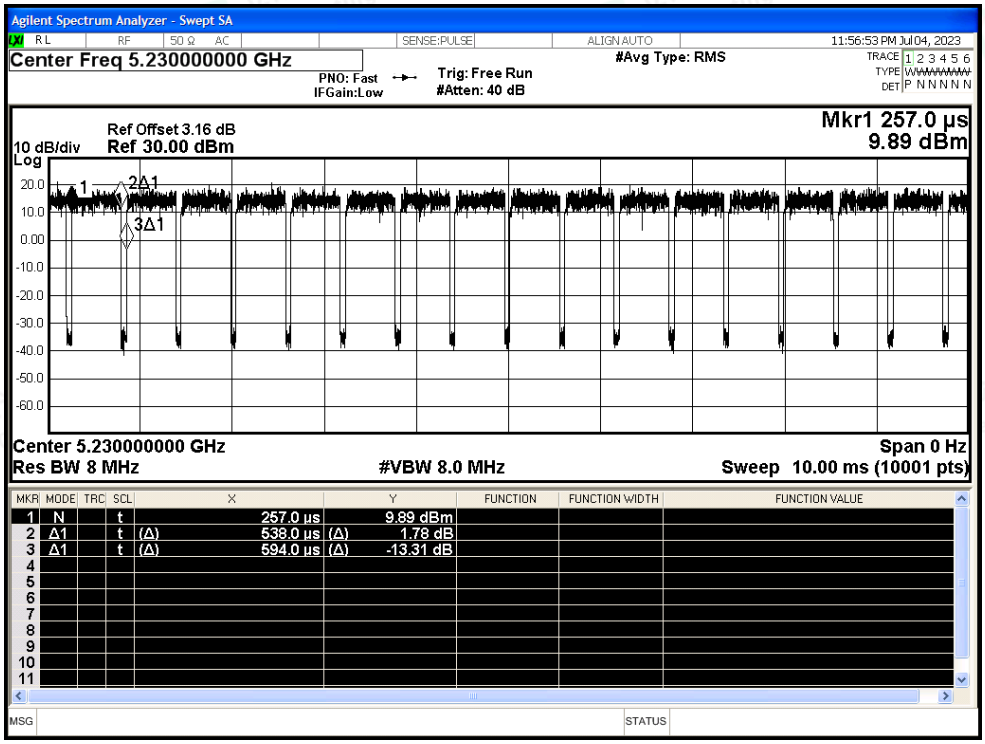
Duty Cycle NVNT ax20 5240MHz Ant2



Duty Cycle NVNT ax40 5190MHz Ant2



Duty Cycle NVNT ax40 5230MHz Ant2



Duty Cycle NVNT ax80 5210MHz Ant2