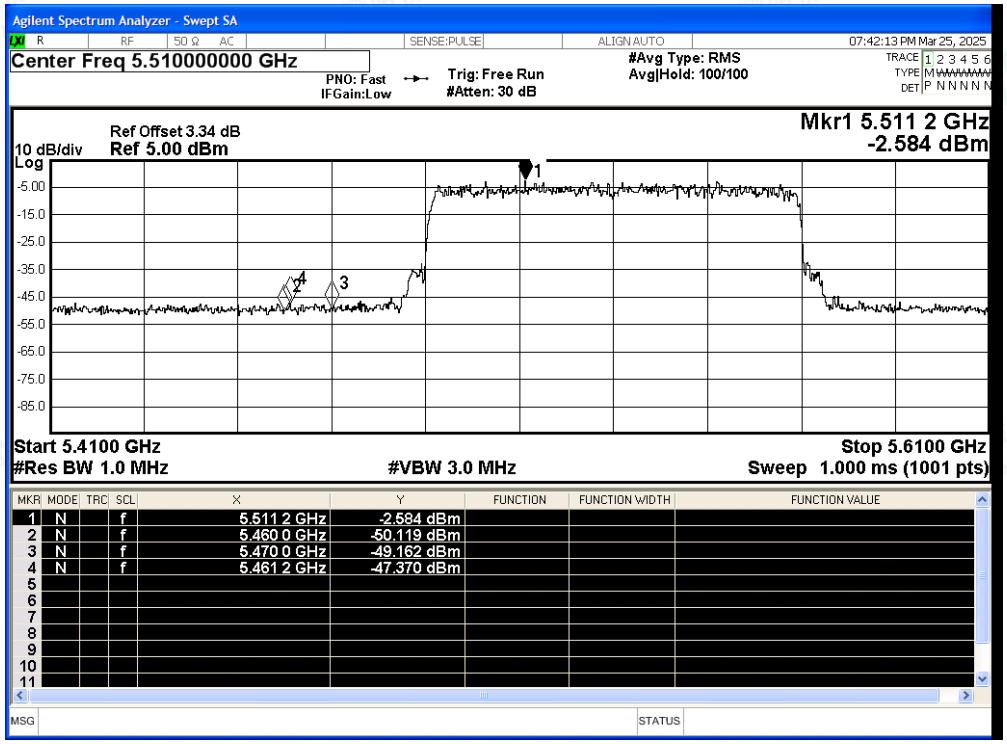
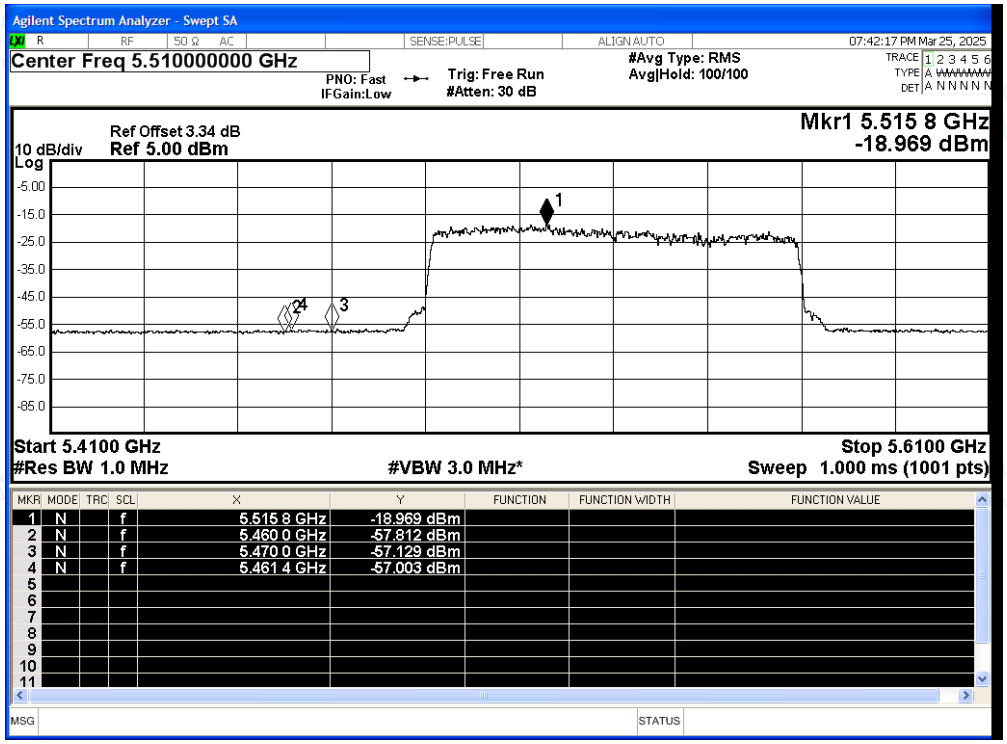
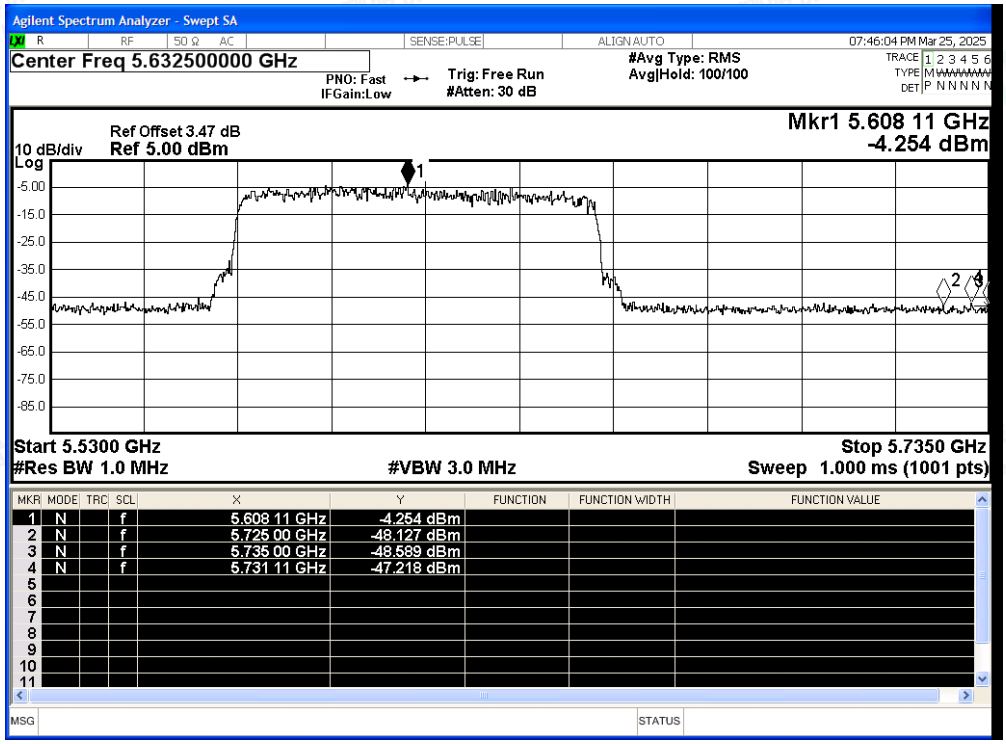
Restrict Band NVNT ax80 5530MHz Ant3 Peak



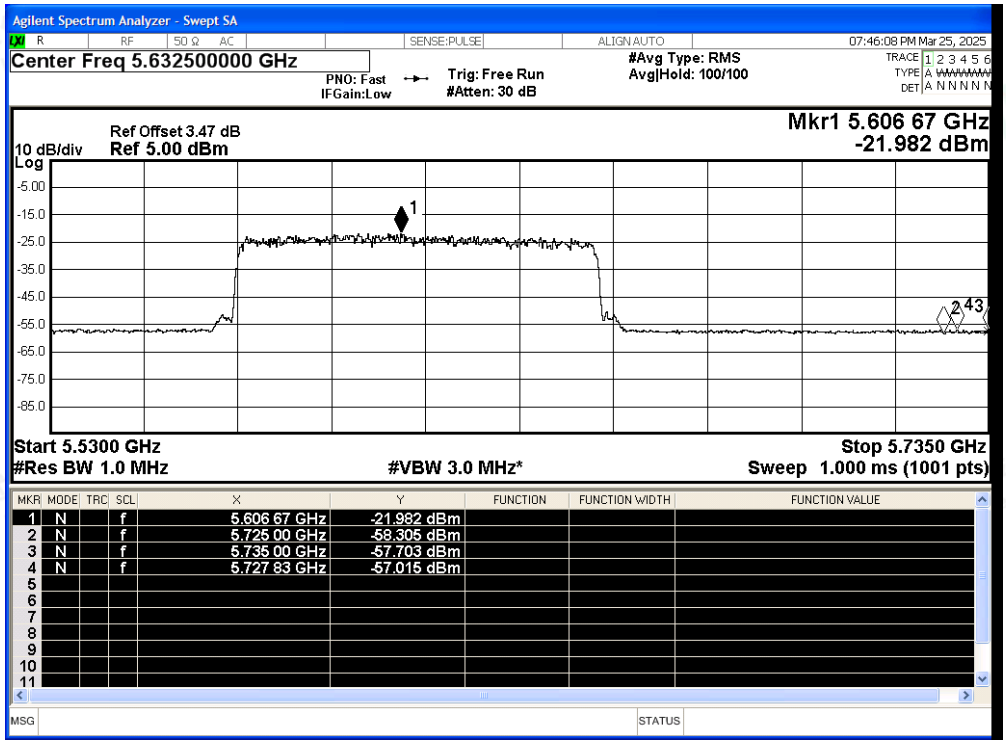
Restrict Band NVNT ax80 5530MHz Ant3 Average



Restrict Band NVNT ax80 5610MHz Ant3 Peak



Restrict Band NVNT ax80 5610MHz Ant3 Average



Condition	Mode	Frequency (MHz)	Antenna	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	Duty Factor (dB)	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
NVNT	a	5500	Ant4	5460	-51.23	3.54	-	47.57	Peak	68.2	Pass
NVNT	a	5500	Ant4	5460	-58.07	3.54	4.53	45.26	Average	54	Pass
NVNT	a	5500	Ant4	5463.8	-47.99	3.54	-	50.81	Peak	68.2	Pass
NVNT	a	5500	Ant4	5467.4	-57.49	3.54	4.53	45.84	Average	54	Pass
NVNT	a	5500	Ant4	5470	-49.63	3.54	-	49.17	Peak	68.2	Pass
NVNT	a	5500	Ant4	5470	-57.67	3.54	4.53	45.66	Average	54	Pass
NVNT	a	5700	Ant4	5725	-49.27	3.54	-	49.53	Peak	68.2	Pass
NVNT	a	5700	Ant4	5725	-57.7	3.54	4.53	45.63	Average	54	Pass
NVNT	a	5700	Ant4	5726.8	-47.54	3.54	-	51.26	Peak	68.2	Pass
NVNT	a	5700	Ant4	5728.2	-57.3	3.54	4.53	46.03	Average	54	Pass
NVNT	a	5700	Ant4	5735	-50.25	3.54	-	48.55	Peak	68.2	Pass
NVNT	a	5700	Ant4	5735	-58.18	3.54	4.53	45.15	Average	54	Pass
NVNT	n20	5500	Ant4	5460	-50.84	3.54	-	47.96	Peak	68.2	Pass
NVNT	n20	5500	Ant4	5460	-57.81	3.54	5.02	46.01	Average	54	Pass
NVNT	n20	5500	Ant4	5462	-48.09	3.54	-	50.71	Peak	68.2	Pass
NVNT	n20	5500	Ant4	5469.2	-57.72	3.54	5.02	46.10	Average	54	Pass
NVNT	n20	5500	Ant4	5470	-50.09	3.54	-	48.71	Peak	68.2	Pass
NVNT	n20	5500	Ant4	5470	-58.13	3.54	5.02	45.69	Average	54	Pass
NVNT	n20	5700	Ant4	5725	-48.69	3.54	-	50.11	Peak	68.2	Pass
NVNT	n20	5700	Ant4	5725	-57.73	3.54	5.02	46.09	Average	54	Pass
NVNT	n20	5700	Ant4	5725.2	-47.44	3.54	-	51.36	Peak	68.2	Pass
NVNT	n20	5700	Ant4	5725.8	-57.3	3.54	5.02	46.52	Average	54	Pass
NVNT	n20	5700	Ant4	5735	-50.78	3.54	-	48.02	Peak	68.2	Pass
NVNT	n20	5700	Ant4	5735	-57.97	3.54	5.02	45.85	Average	54	Pass
NVNT	n40	5510	Ant4	5460	-51.01	3.54	-	47.79	Peak	68.2	Pass
NVNT	n40	5510	Ant4	5460	-58.48	3.54	7.29	47.61	Average	54	Pass
NVNT	n40	5510	Ant4	5465.6	-47.96	3.54	-	50.84	Peak	68.2	Pass
NVNT	n40	5510	Ant4	5463.4	-57.66	3.54	7.29	48.43	Average	54	Pass
NVNT	n40	5510	Ant4	5470	-50.04	3.54	-	48.76	Peak	68.2	Pass
NVNT	n40	5510	Ant4	5470	-58.05	3.54	7.29	48.04	Average	54	Pass
NVNT	n40	5670	Ant4	5725	-50.35	3.54	-	48.45	Peak	68.2	Pass
NVNT	n40	5670	Ant4	5725	-57.91	3.54	7.3	48.19	Average	54	Pass
NVNT	n40	5670	Ant4	5730.2	-48.5	3.54	-	50.30	Peak	68.2	Pass
NVNT	n40	5670	Ant4	5732.8	-57.41	3.54	7.3	48.69	Average	54	Pass
NVNT	n40	5670	Ant4	5735	-50.57	3.54	-	48.23	Peak	68.2	Pass
NVNT	n40	5670	Ant4	5735	-57.53	3.54	7.3	48.57	Average	54	Pass
NVNT	ac20	5500	Ant4	5460	-49.52	3.54	-	49.28	Peak	68.2	Pass
NVNT	ac20	5500	Ant4	5460	-58.61	3.54	5.01	45.20	Average	54	Pass

NVNT	ac20	5500	Ant4	5470	-47.35	3.54	-	51.45	Peak	68.2	Pass
NVNT	ac20	5500	Ant4	5463	-57.53	3.54	5.01	46.28	Average	54	Pass
NVNT	ac20	5500	Ant4	5470	-47.35	3.54	-	51.45	Peak	68.2	Pass
NVNT	ac20	5500	Ant4	5470	-58.02	3.54	5.01	45.79	Average	54	Pass
NVNT	ac20	5700	Ant4	5725	-49.43	3.54	-	49.37	Peak	68.2	Pass
NVNT	ac20	5700	Ant4	5725	-57.68	3.54	5.01	46.13	Average	54	Pass
NVNT	ac20	5700	Ant4	5726.4	-47.73	3.54	-	51.07	Peak	68.2	Pass
NVNT	ac20	5700	Ant4	5731.6	-57.19	3.54	5.01	46.62	Average	54	Pass
NVNT	ac20	5700	Ant4	5735	-50.71	3.54	-	48.09	Peak	68.2	Pass
NVNT	ac20	5700	Ant4	5735	-57.57	3.54	5.01	46.24	Average	54	Pass
NVNT	ac40	5510	Ant4	5460	-49.3	3.54	-	49.50	Peak	68.2	Pass
NVNT	ac40	5510	Ant4	5460	-58.55	3.54	7.27	47.52	Average	54	Pass
NVNT	ac40	5510	Ant4	5465	-48.61	3.54	-	50.19	Peak	68.2	Pass
NVNT	ac40	5510	Ant4	5461.4	-57.61	3.54	7.27	48.46	Average	54	Pass
NVNT	ac40	5510	Ant4	5470	-50.09	3.54	-	48.71	Peak	68.2	Pass
NVNT	ac40	5510	Ant4	5470	-57.96	3.54	7.27	48.11	Average	54	Pass
NVNT	ac40	5670	Ant4	5725	-50.22	3.54	-	48.58	Peak	68.2	Pass
NVNT	ac40	5670	Ant4	5725	-57.93	3.54	7.27	48.14	Average	54	Pass
NVNT	ac40	5670	Ant4	5725.6	-48.35	3.54	-	50.45	Peak	68.2	Pass
NVNT	ac40	5670	Ant4	5735	-57.18	3.54	7.27	48.89	Average	54	Pass
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NVNT	ac40	5670	Ant4	5735	-57.18	3.54	7.27	48.89	Average	54	Pass
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NVNT	ac80	5530	Ant4	5460	-58.18	3.54	9.86	50.48	Average	54	Pass
NVNT	ac80	5530	Ant4	5469.6	-47.76	3.54	-	51.04	Peak	68.2	Pass
NVNT	ac80	5530	Ant4	5469.6	-57.17	3.54	9.86	51.49	Average	54	Pass
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NVNT	ac80	5530	Ant4	5470	-57.62	3.54	9.86	51.04	Average	54	Pass
NVNT	ac80	5610	Ant4	5725	-51.07	3.54	-	47.73	Peak	68.2	Pass
NVNT	ac80	5610	Ant4	5725	-58.28	3.54	9.85	50.37	Average	54	Pass
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NVNT	ac80	5610	Ant4	5733.155	-57.65	3.54	9.85	51.00	Average	54	Pass
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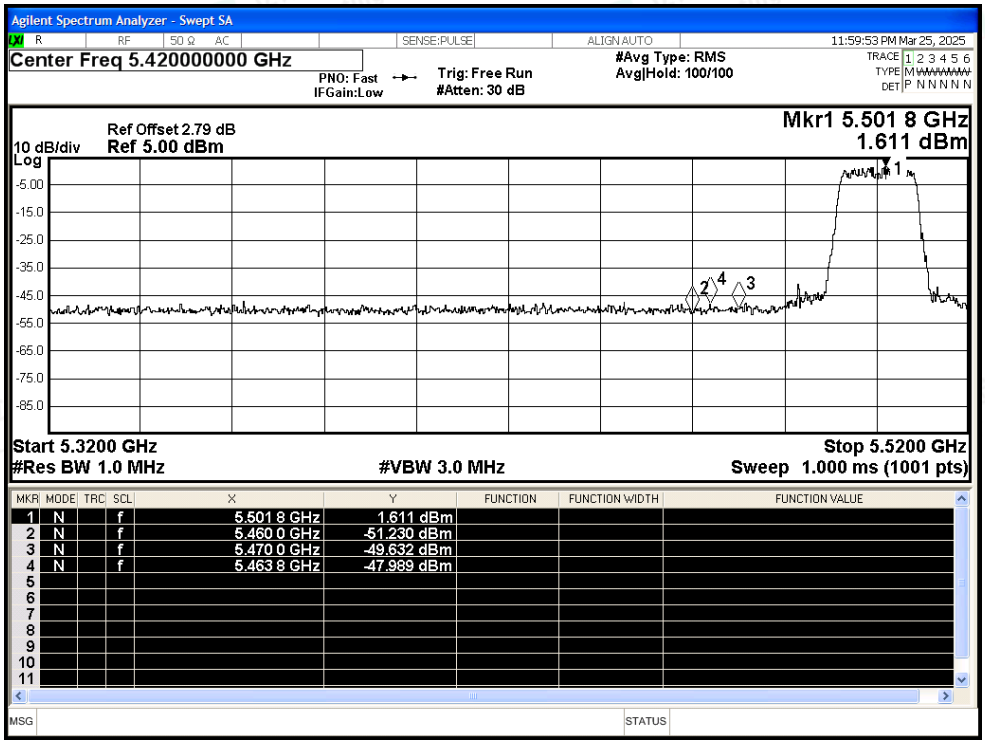
NVNT	ac80	5610	Ant4	5735	-58.45	3.54	9.85	50.20	Average	54	Pass
NVNT	ax20	5500	Ant4	5460	-50.92	3.54	-	47.88	Peak	68.2	Pass
NVNT	ax20	5500	Ant4	5460	-58.45	3.54	5.49	45.84	Average	54	Pass
NVNT	ax20	5500	Ant4	5464	-46.35	3.54	-	52.45	Peak	68.2	Pass
NVNT	ax20	5500	Ant4	5468.4	-57.68	3.54	5.49	46.61	Average	54	Pass
NVNT	ax20	5500	Ant4	5470	-50.96	3.54	-	47.84	Peak	68.2	Pass
NVNT	ax20	5500	Ant4	5470	-58.53	3.54	5.49	45.76	Average	54	Pass
NVNT	ax20	5700	Ant4	5725	-48.9	3.54	-	49.90	Peak	68.2	Pass

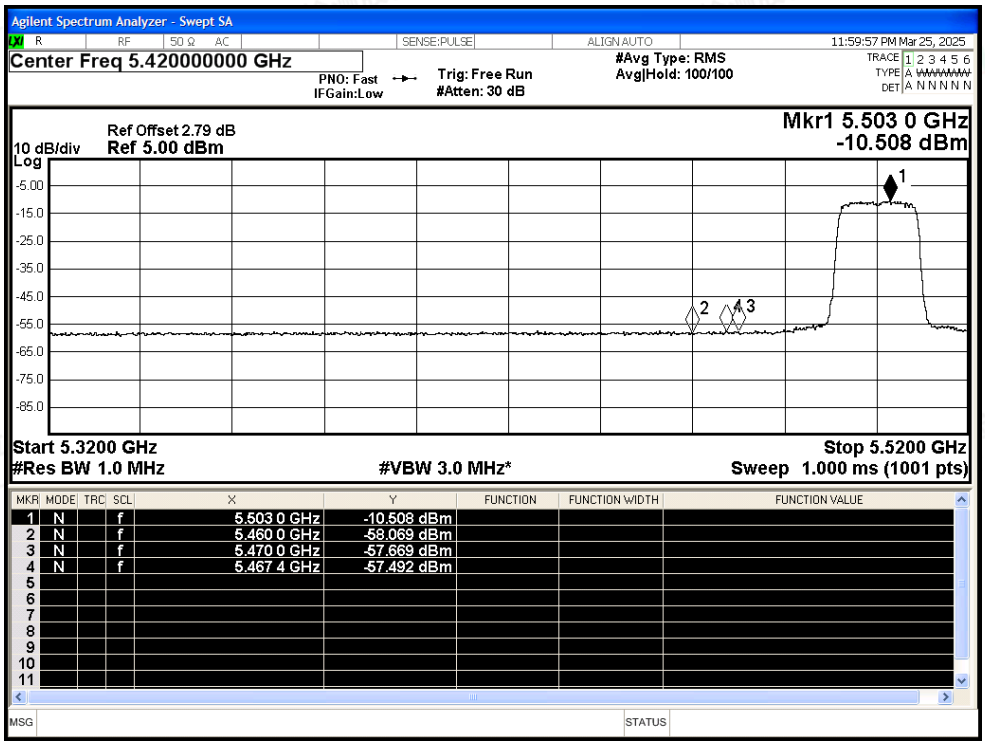
NVNT	ax20	5700	Ant4	5725	-57.86	3.54	5.48	46.42	Average	54	Pass
NVNT	ax20	5700	Ant4	5729.8	-46.2	3.54	-	52.60	Peak	68.2	Pass
NVNT	ax20	5700	Ant4	5731.2	-57.18	3.54	5.48	47.10	Average	54	Pass
NVNT	ax20	5700	Ant4	5735	-51.33	3.54	-	47.47	Peak	68.2	Pass
NVNT	ax20	5700	Ant4	5735	-58.32	3.54	5.48	45.96	Average	54	Pass
NVNT	ax40	5510	Ant4	5460	-51.43	3.54	-	47.37	Peak	68.2	Pass
NVNT	ax40	5510	Ant4	5460	-58.74	3.54	7.64	47.70	Average	54	Pass
NVNT	ax40	5510	Ant4	5465.8	-48.46	3.54	-	50.34	Peak	68.2	Pass
NVNT	ax40	5510	Ant4	5468.8	-57.64	3.54	7.64	48.80	Average	54	Pass
NVNT	ax40	5510	Ant4	5470	-49.23	3.54	-	49.57	Peak	68.2	Pass
NVNT	ax40	5510	Ant4	5470	-58.35	3.54	7.64	48.09	Average	54	Pass
NVNT	ax40	5670	Ant4	5725	-49.54	3.54	-	49.26	Peak	68.2	Pass
NVNT	ax40	5670	Ant4	5725	-58.23	3.54	7.64	48.21	Average	54	Pass
NVNT	ax40	5670	Ant4	5726.6	-48.74	3.54	-	50.06	Peak	68.2	Pass
NVNT	ax40	5670	Ant4	5734.8	-57.5	3.54	7.64	48.94	Average	54	Pass
NVNT	ax40	5670	Ant4	5735	-50.55	3.54	-	48.25	Peak	68.2	Pass
NVNT	ax40	5670	Ant4	5735	-57.85	3.54	7.64	48.59	Average	54	Pass
NVNT	ax80	5530	Ant4	5460	-50.19	3.54	-	48.61	Peak	68.2	Pass
NVNT	ax80	5530	Ant4	5460	-58.14	3.54	9.97	50.63	Average	54	Pass
NVNT	ax80	5530	Ant4	5469.4	-48.76	3.54	-	50.04	Peak	68.2	Pass
NVNT	ax80	5530	Ant4	5461.8	-57.51	3.54	9.97	51.26	Average	54	Pass
NVNT	ax80	5530	Ant4	5470	-49.15	3.54	-	49.65	Peak	68.2	Pass
NVNT	ax80	5530	Ant4	5470	-58.5	3.54	9.97	50.27	Average	54	Pass
NVNT	ax80	5610	Ant4	5725	-51.47	3.54	-	47.33	Peak	68.2	Pass
NVNT	ax80	5610	Ant4	5725	-59.2	3.54	9.99	49.59	Average	54	Pass
NVNT	ax80	5610	Ant4	5730.285	-48.42	3.54	-	50.38	Peak	68.2	Pass
NVNT	ax80	5610	Ant4	5730.285	-57.61	3.54	9.99	51.18	Average	54	Pass
NVNT	ax80	5610	Ant4	5735	-50.46	3.54	-	48.34	Peak	68.2	Pass
NVNT	ax80	5610	Ant4	5735	-58.81	3.54	9.99	49.98	Average	54	Pass

Test Graphs

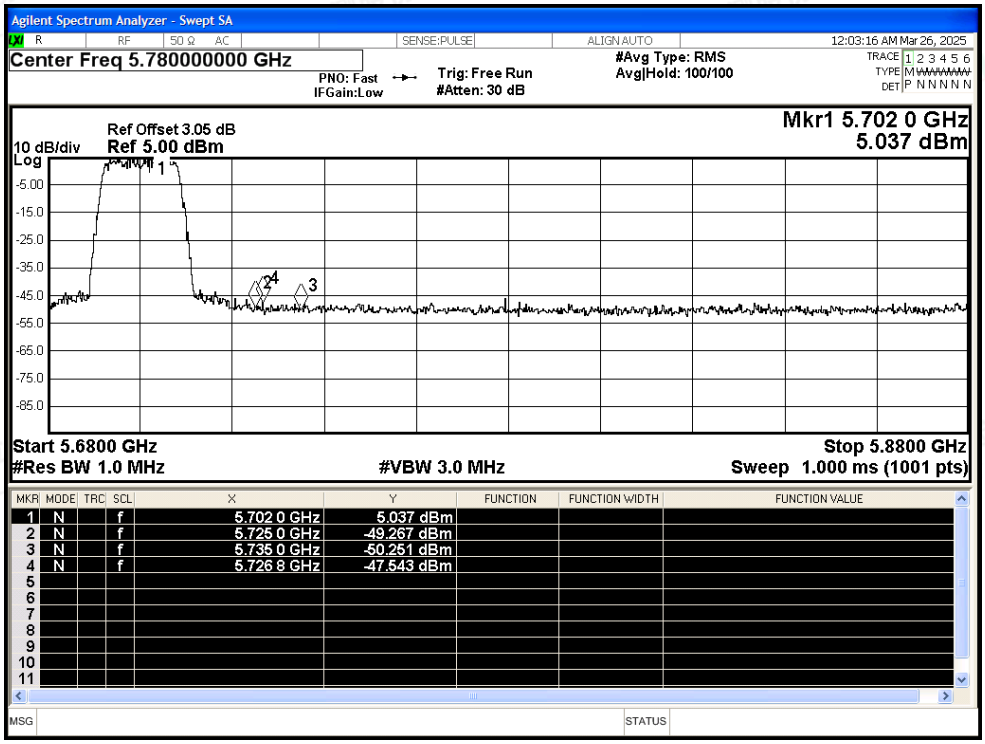
Restrict Band NVNT a 5500MHz Ant4 Peak



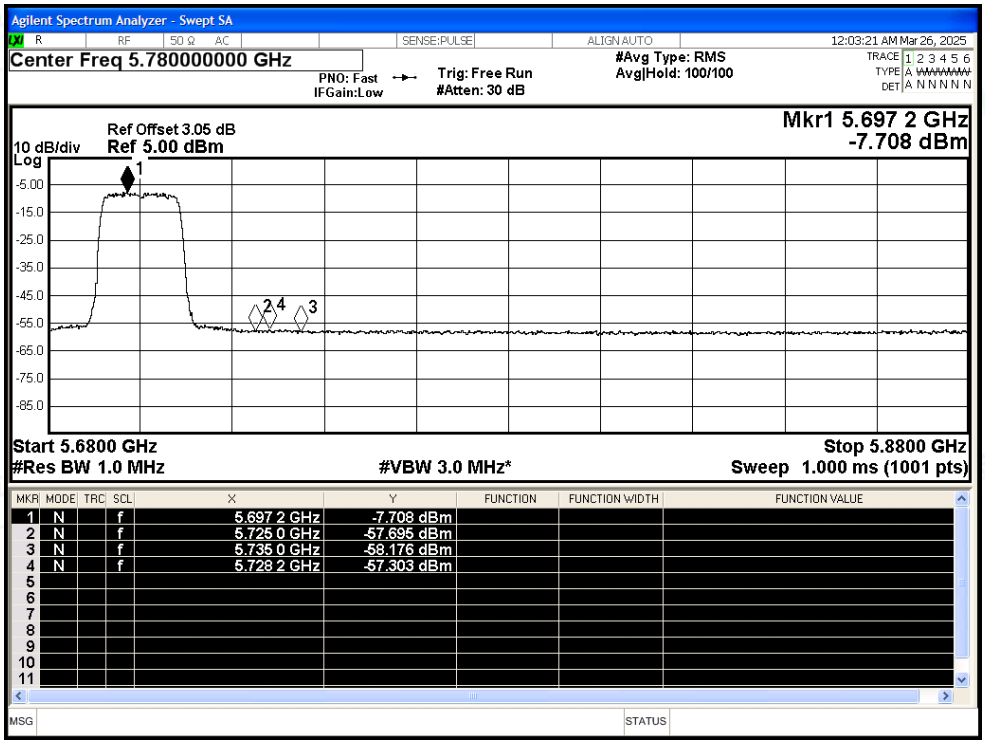
Restrict Band NVNT a 5500MHz Ant4 Average



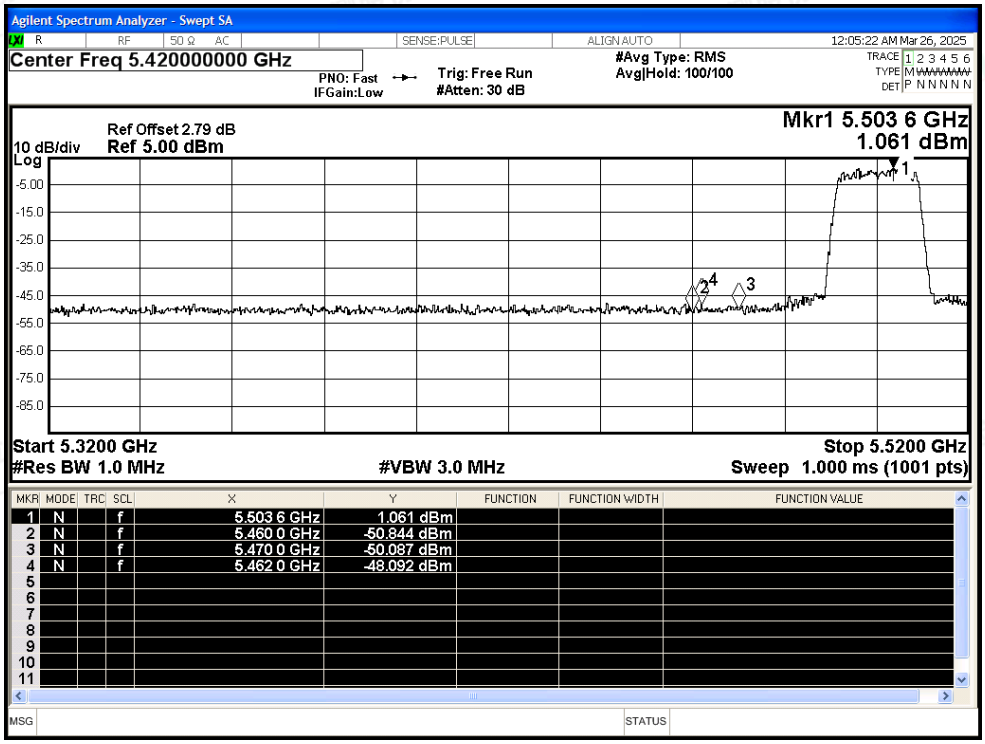
Restrict Band NVNT a 5700MHz Ant4 Peak



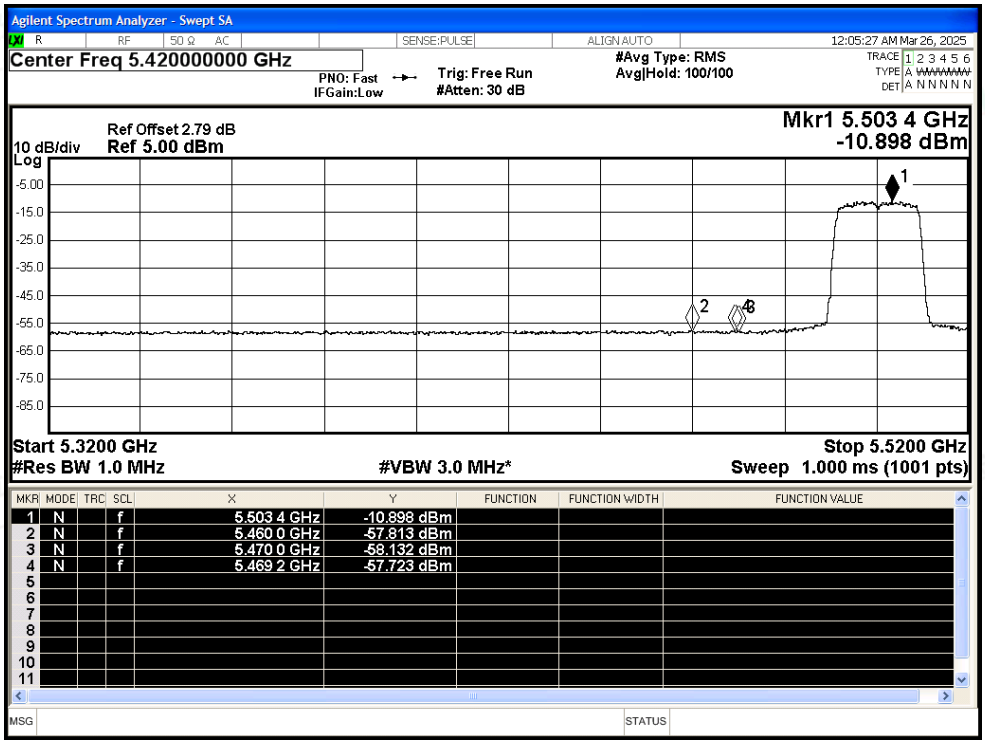
Restrict Band NVNT a 5700MHz Ant4 Average



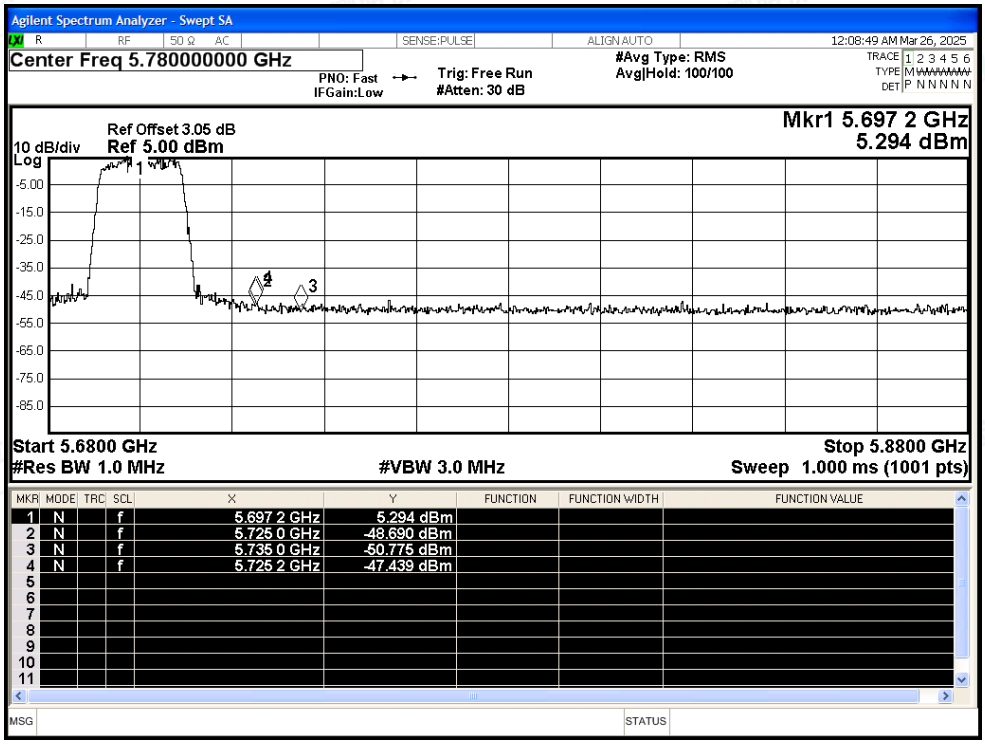
Restrict Band NVNT n20 5500MHz Ant4 Peak



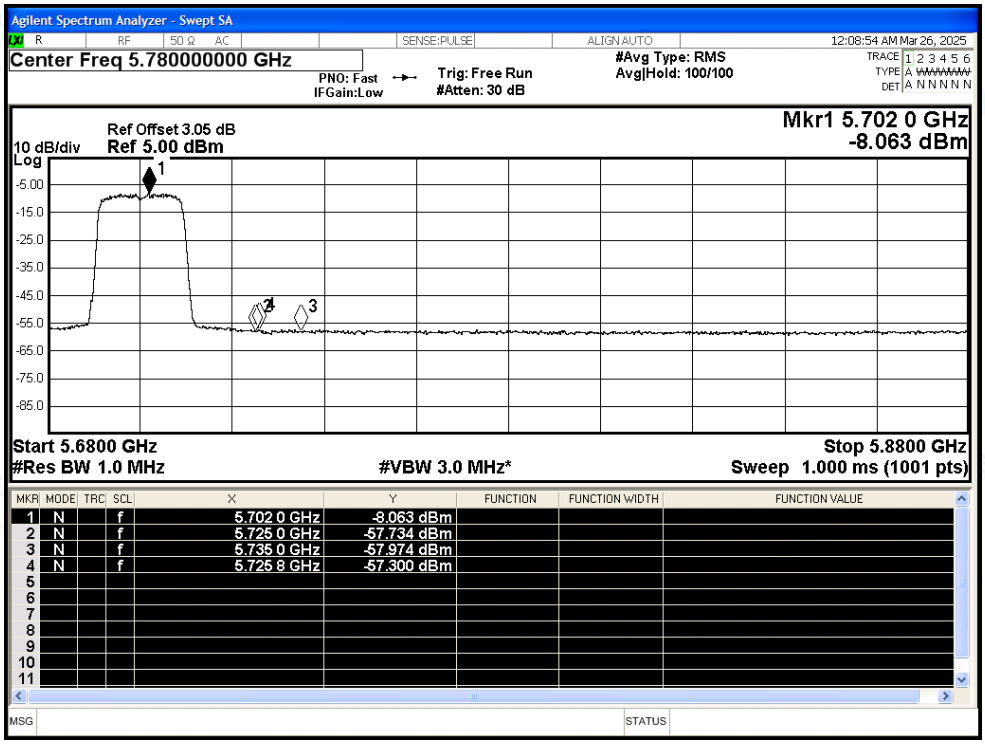
Restrict Band NVNT n20 5500MHz Ant4 Average



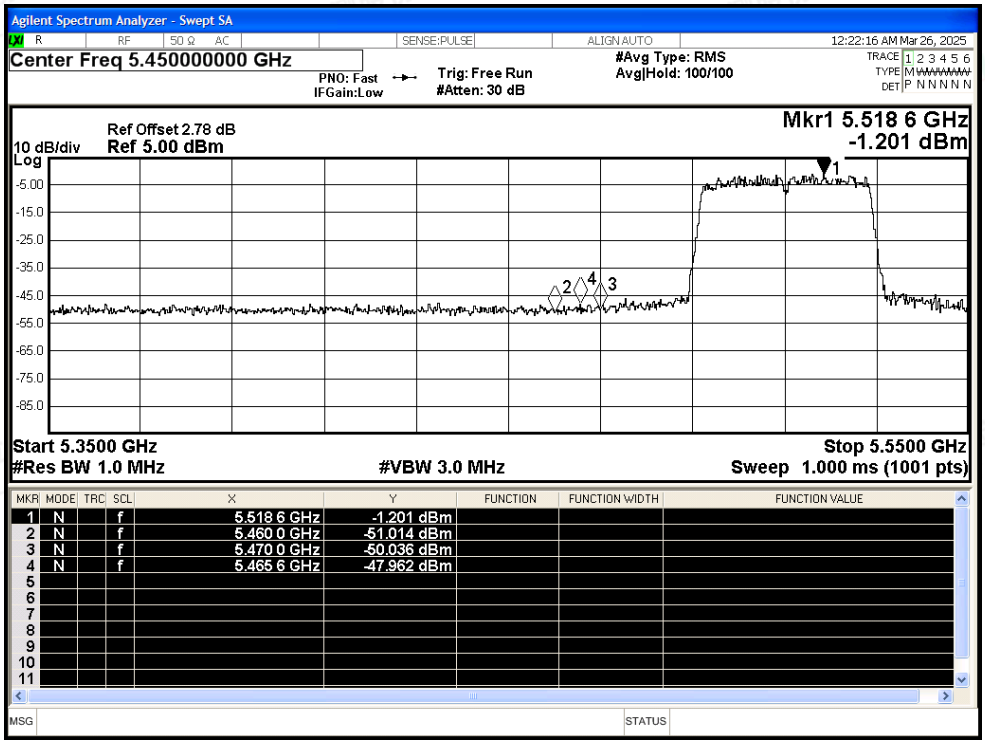
Restrict Band NVNT n20 5700MHz Ant4 Peak



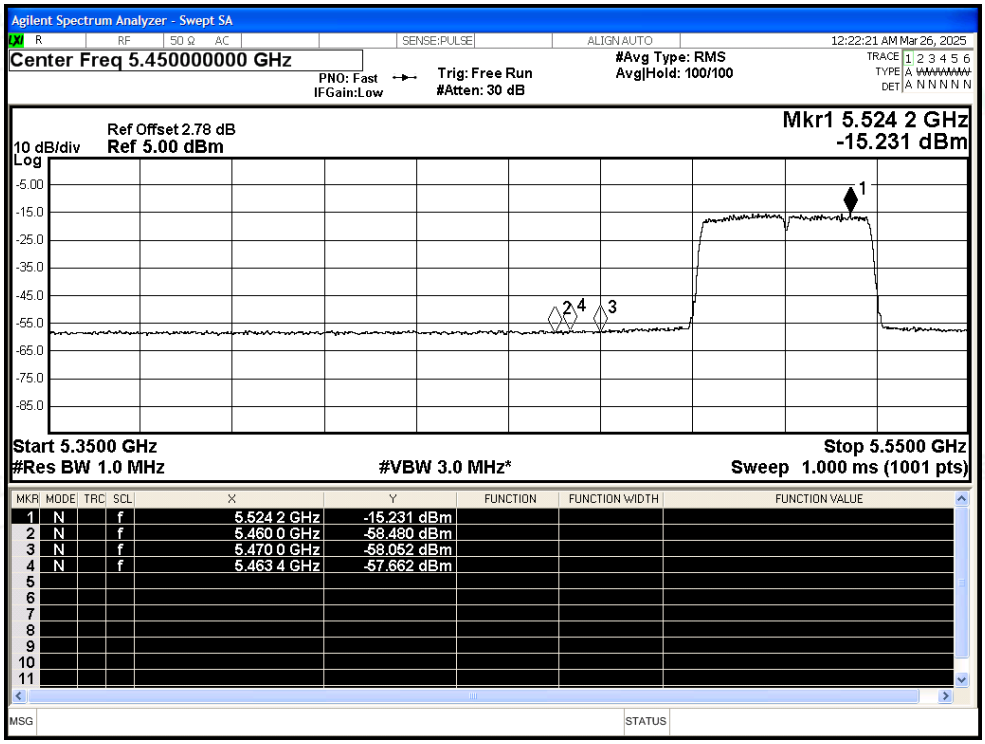
Restrict Band NVNT n20 5700MHz Ant4 Average



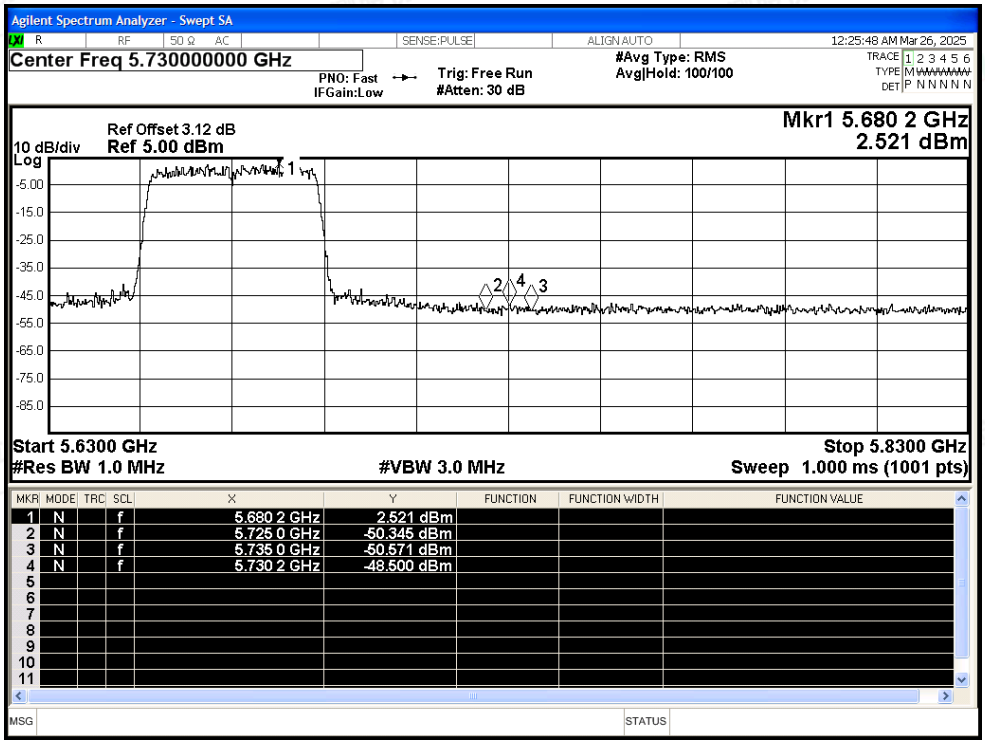
Restrict Band NVNT n40 5510MHz Ant4 Peak



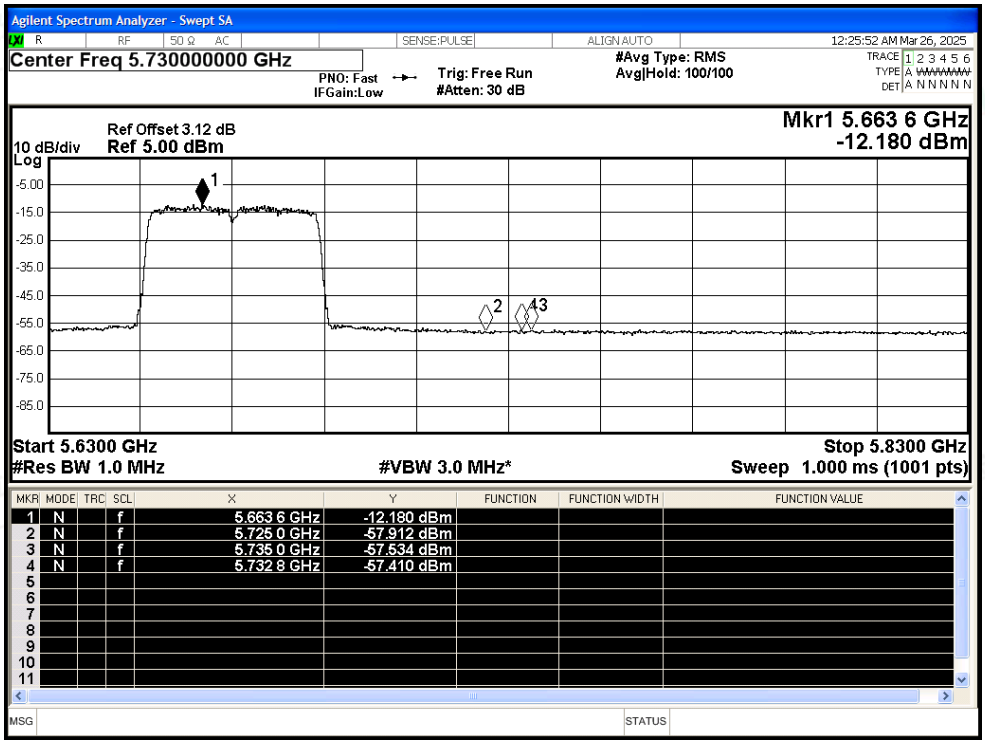
Restrict Band NVNT n40 5510MHz Ant4 Average



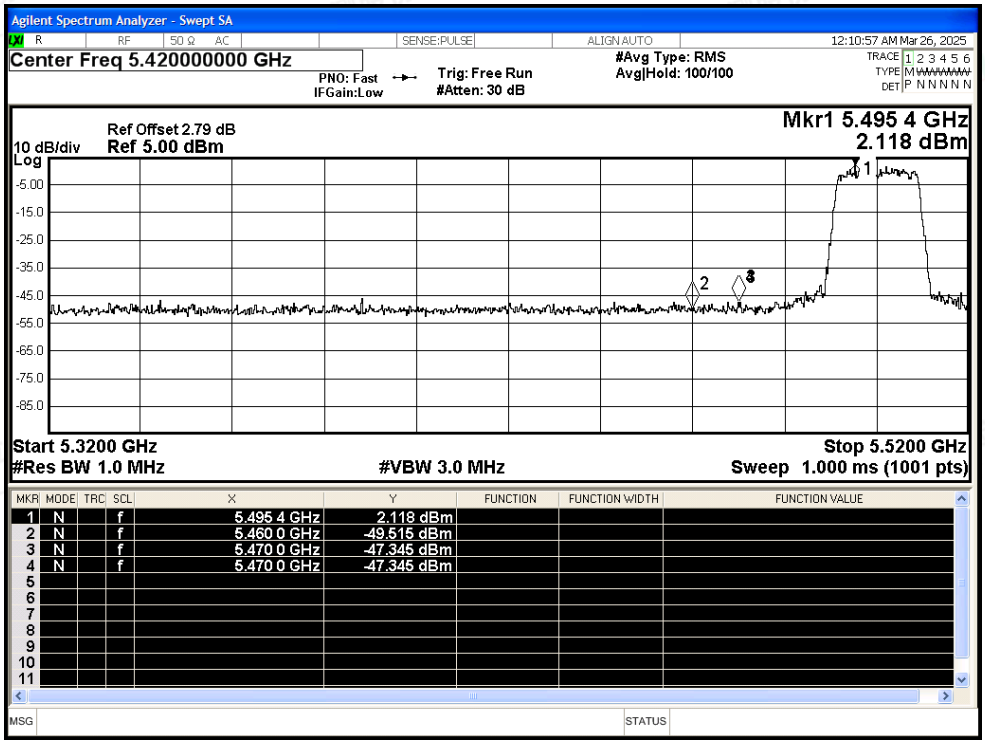
Restrict Band NVNT n40 5670MHz Ant4 Peak



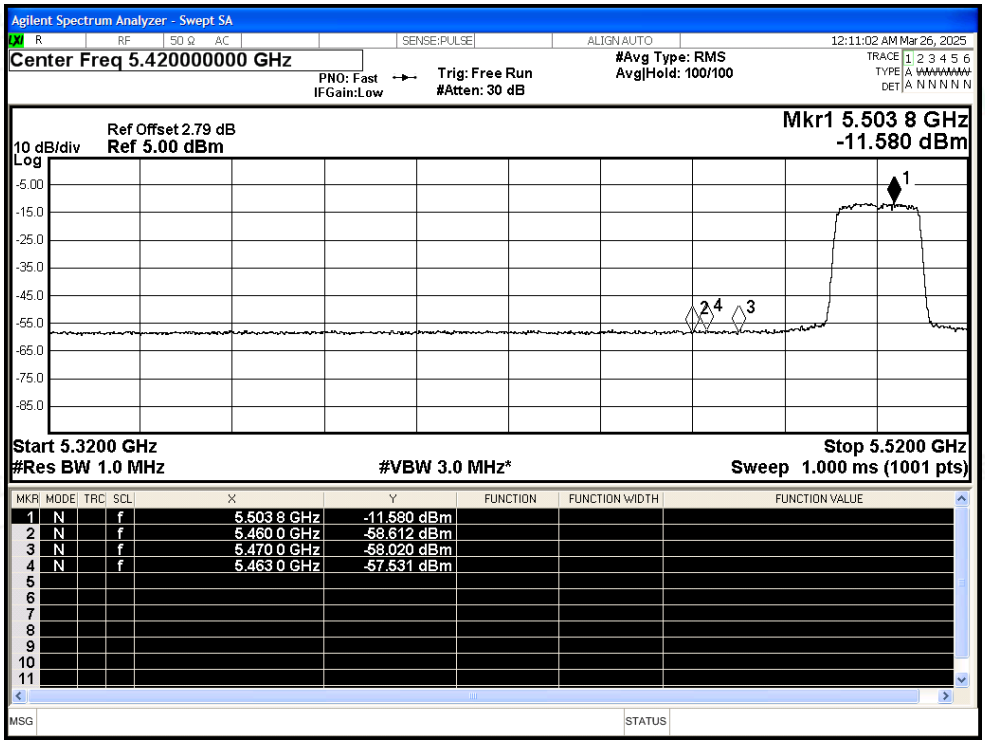
Restrict Band NVNT n40 5670MHz Ant4 Average



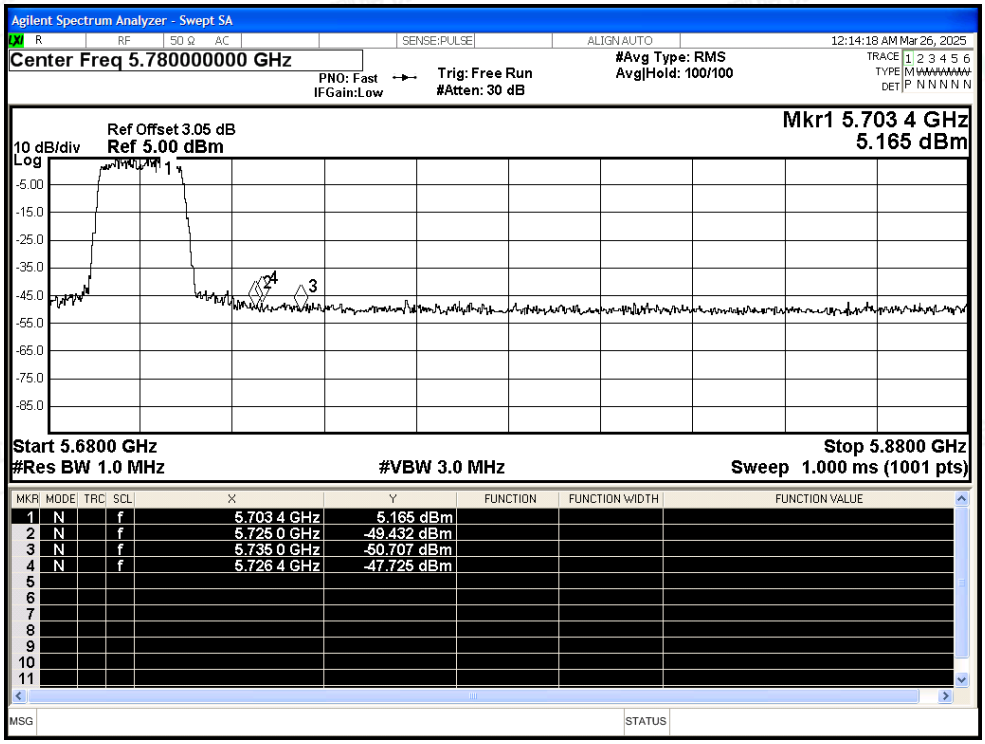
Restrict Band NVNT ac20 5500MHz Ant4 Peak



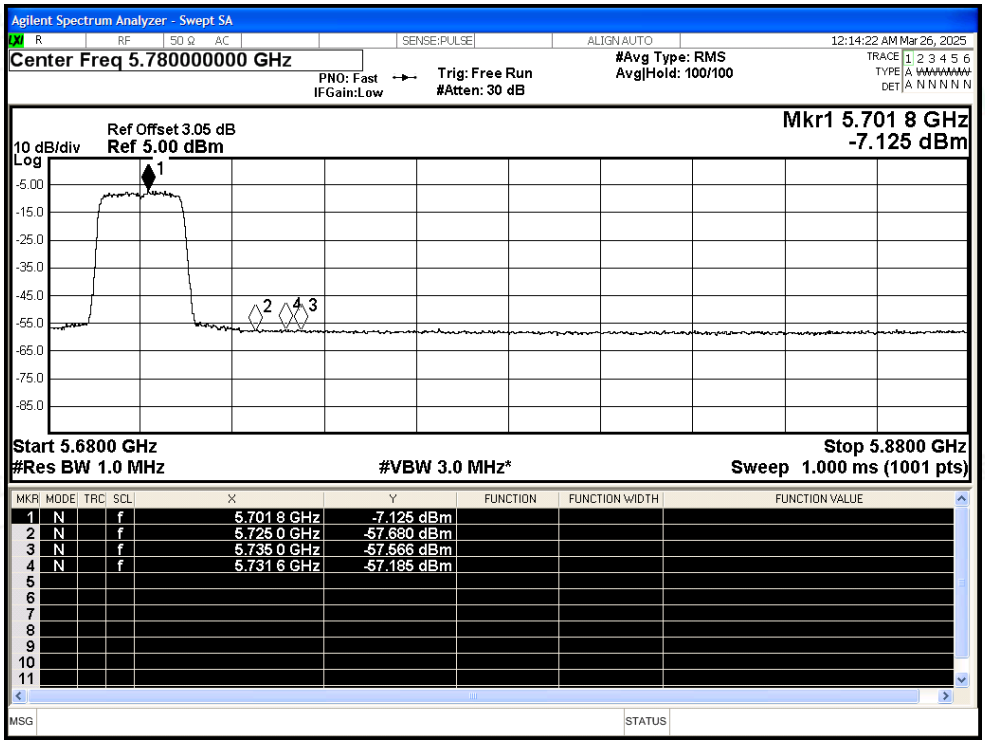
Restrict Band NVNT ac20 5500MHz Ant4 Average



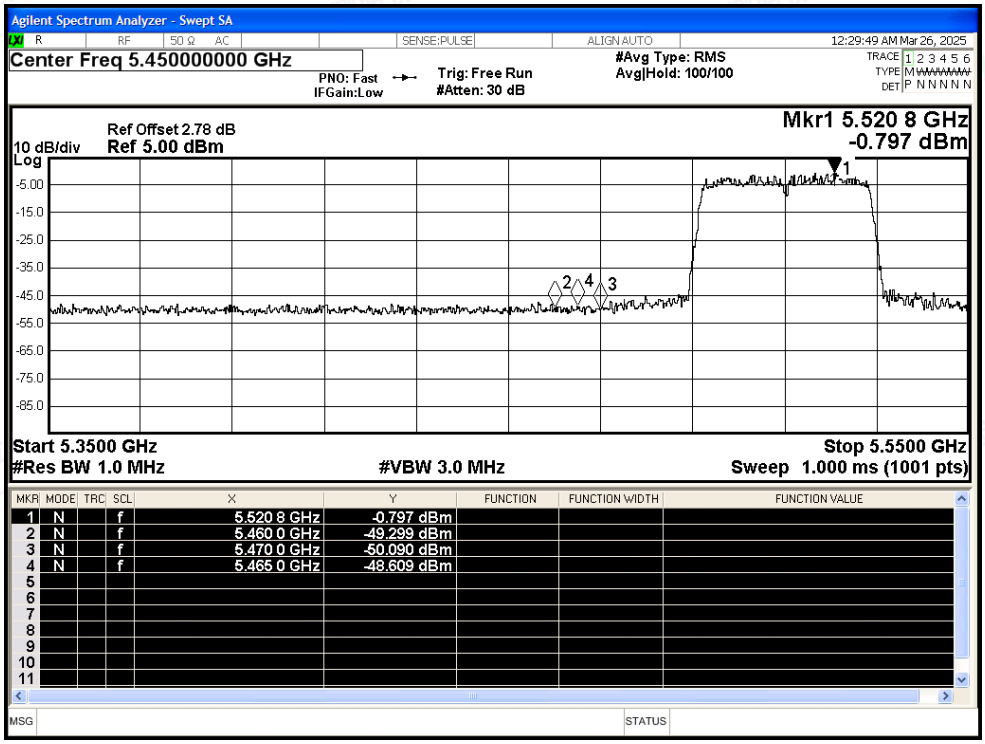
Restrict Band NVNT ac20 5700MHz Ant4 Peak



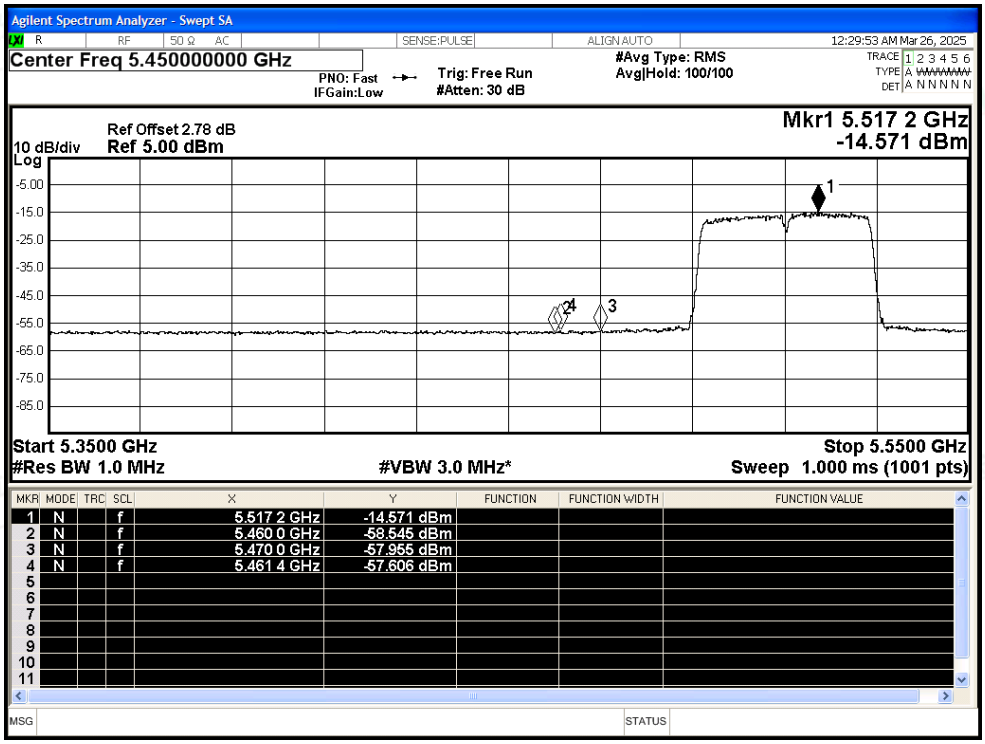
Restrict Band NVNT ac20 5700MHz Ant4 Average



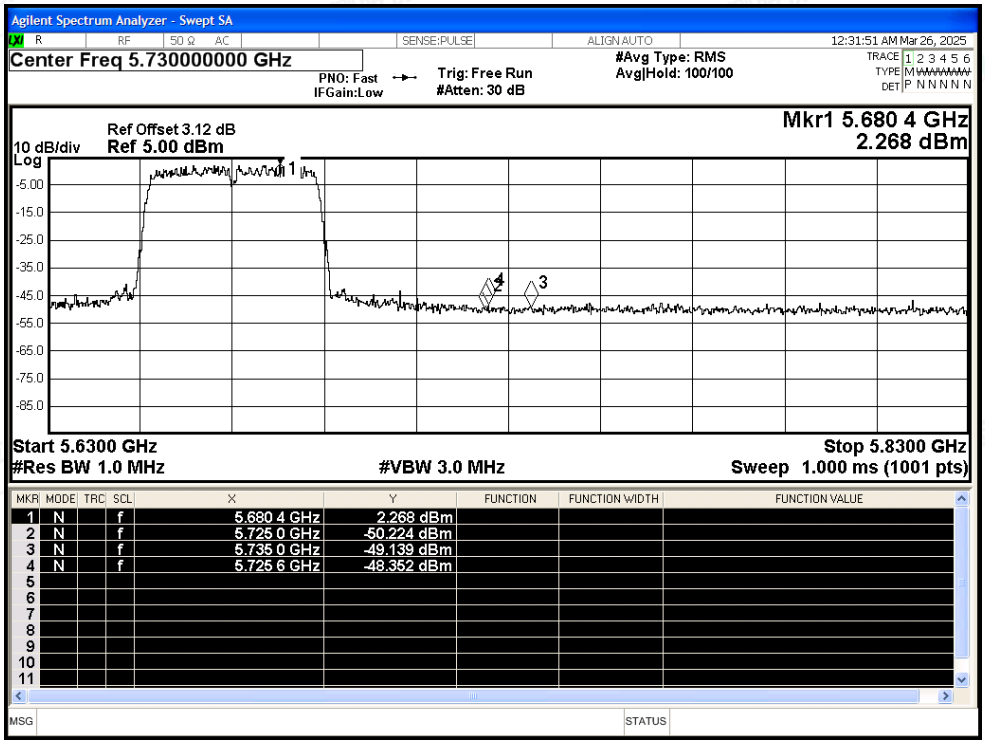
Restrict Band NVNT ac40 5510MHz Ant4 Peak



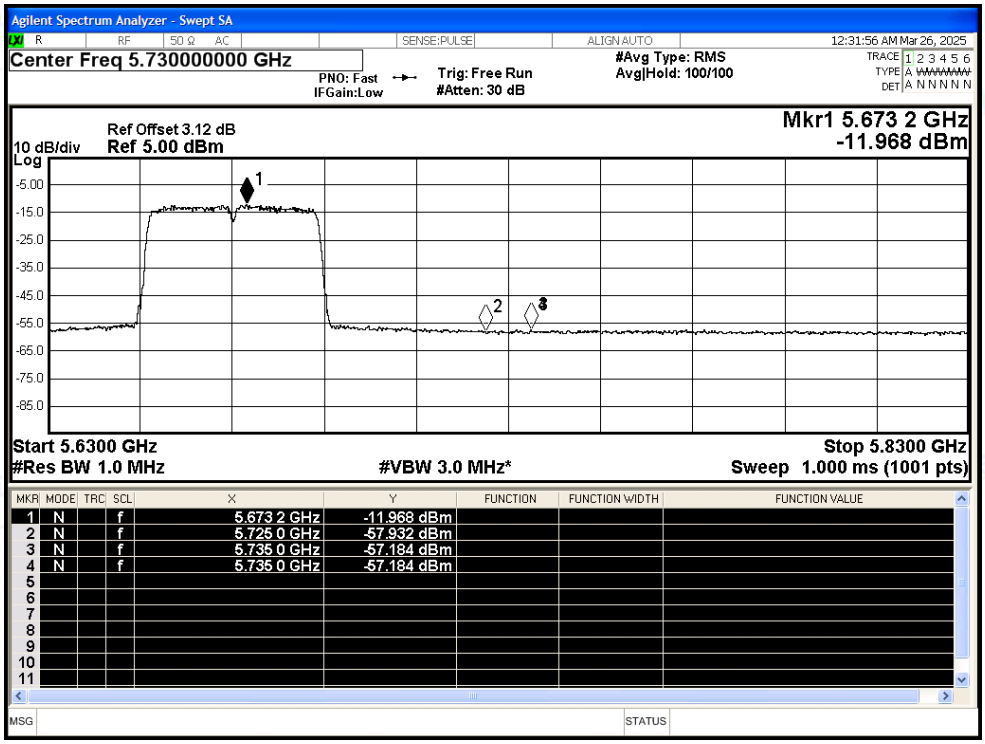
Restrict Band NVNT ac40 5510MHz Ant4 Average



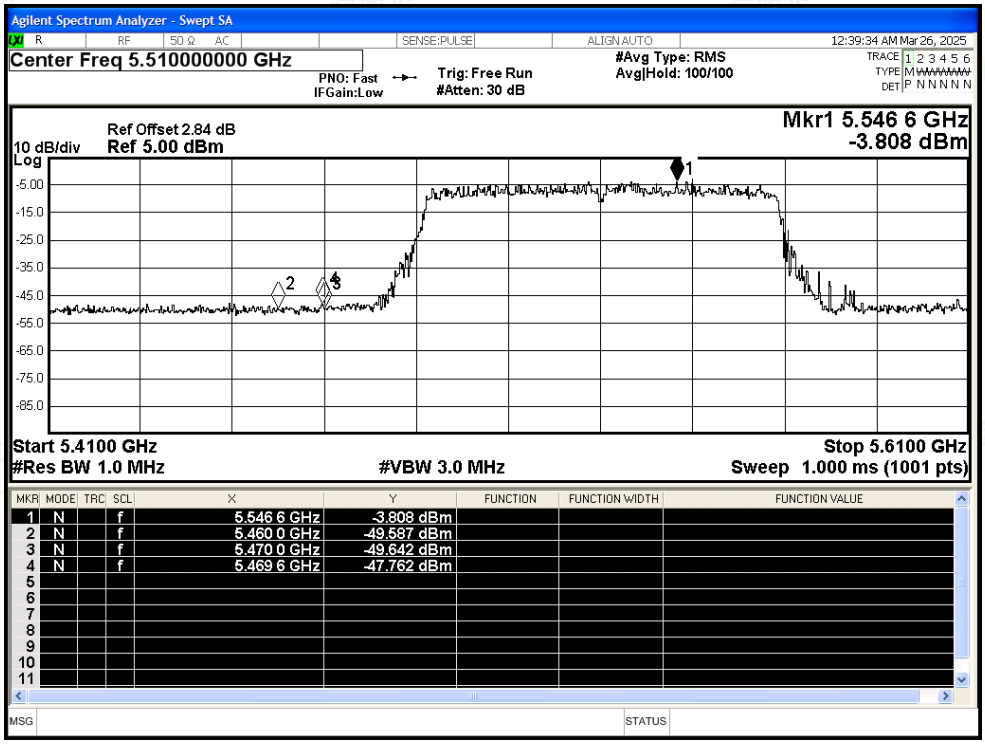
Restrict Band NVNT ac40 5670MHz Ant4 Peak



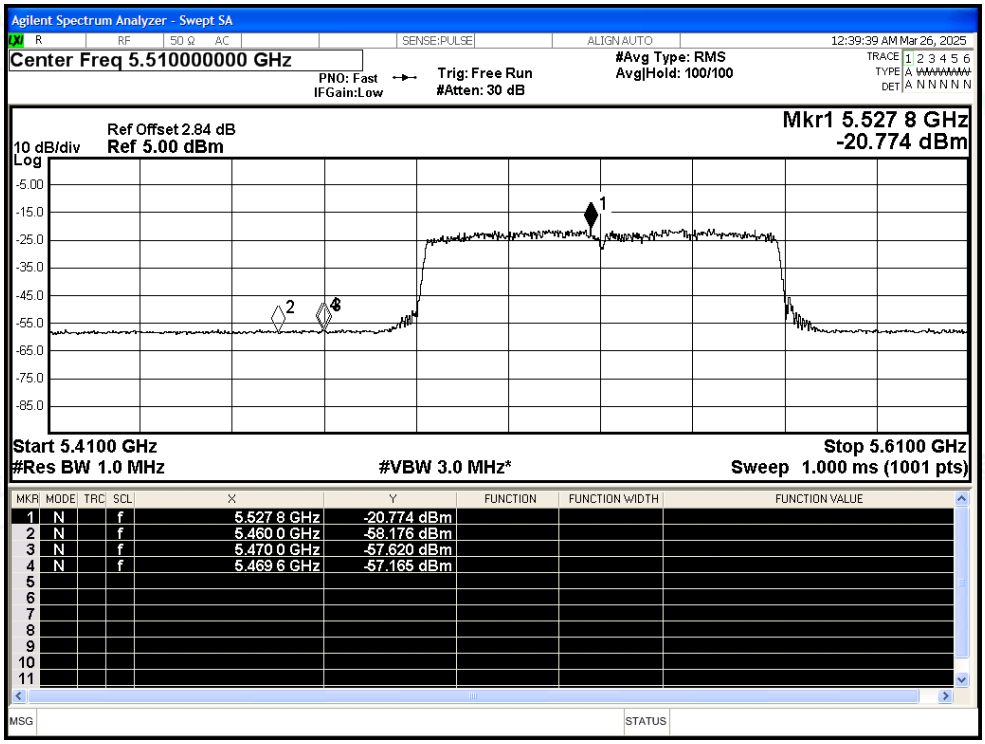
Restrict Band NVNT ac40 5670MHz Ant4 Average



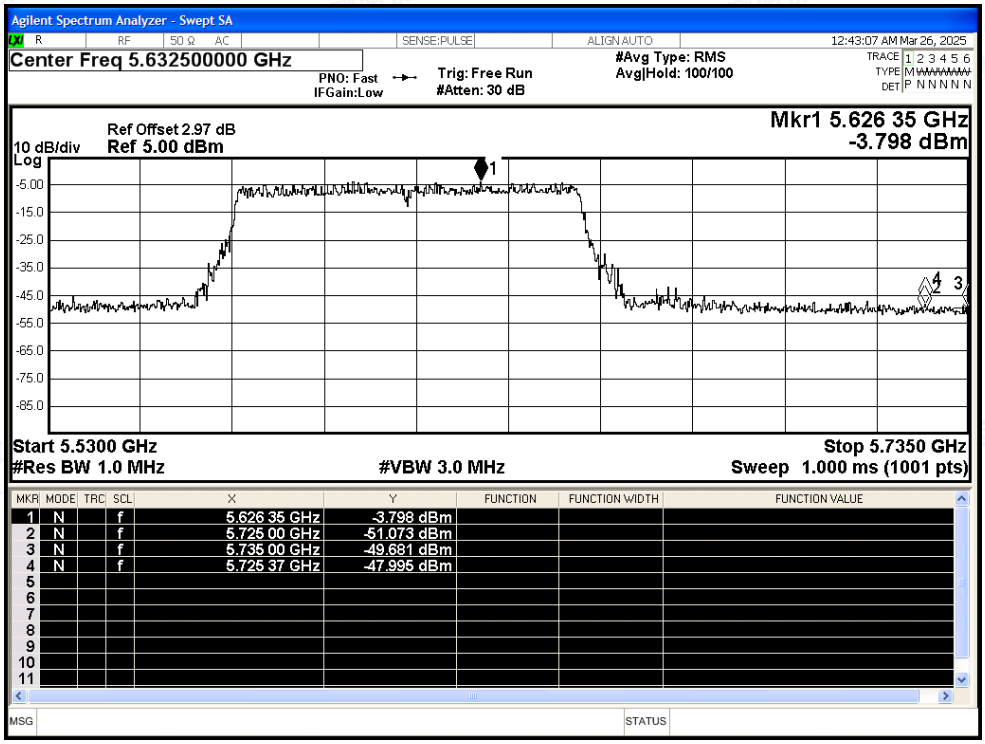
Restrict Band NVNT ac80 5530MHz Ant4 Peak



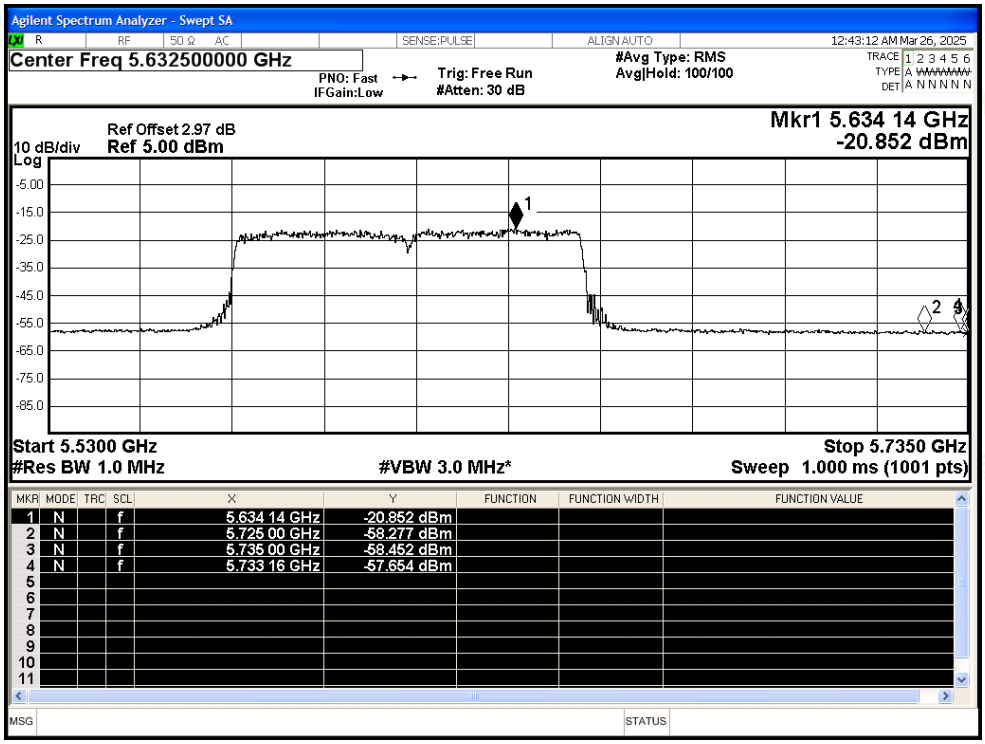
Restrict Band NVNT ac80 5530MHz Ant4 Average



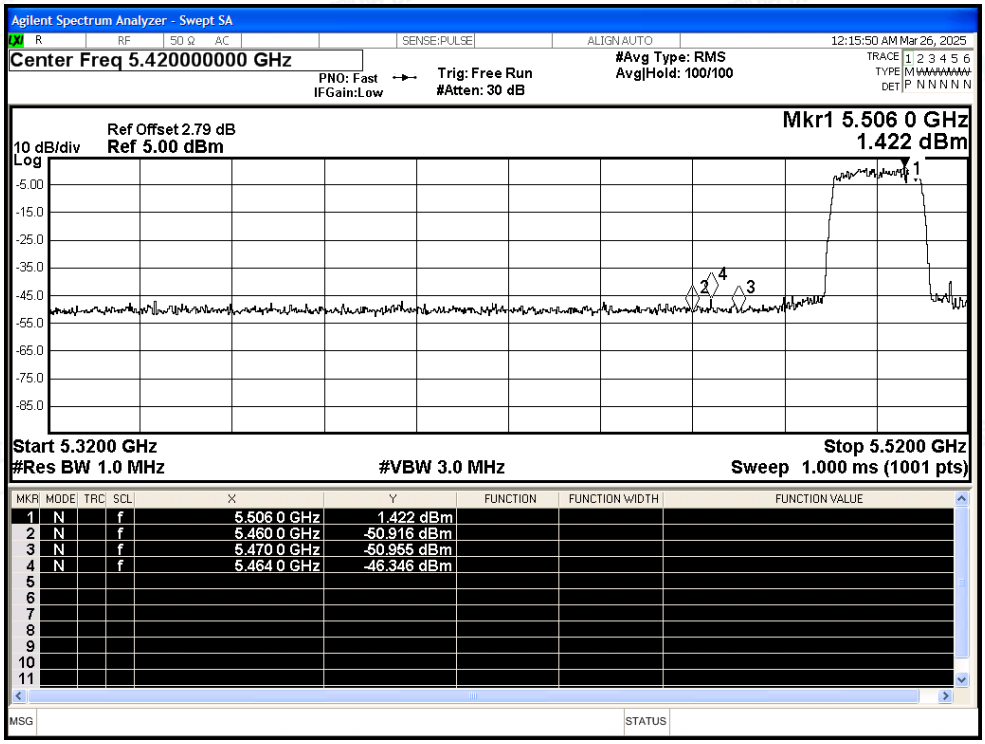
Restrict Band NVNT ac80 5610MHz Ant4 Peak



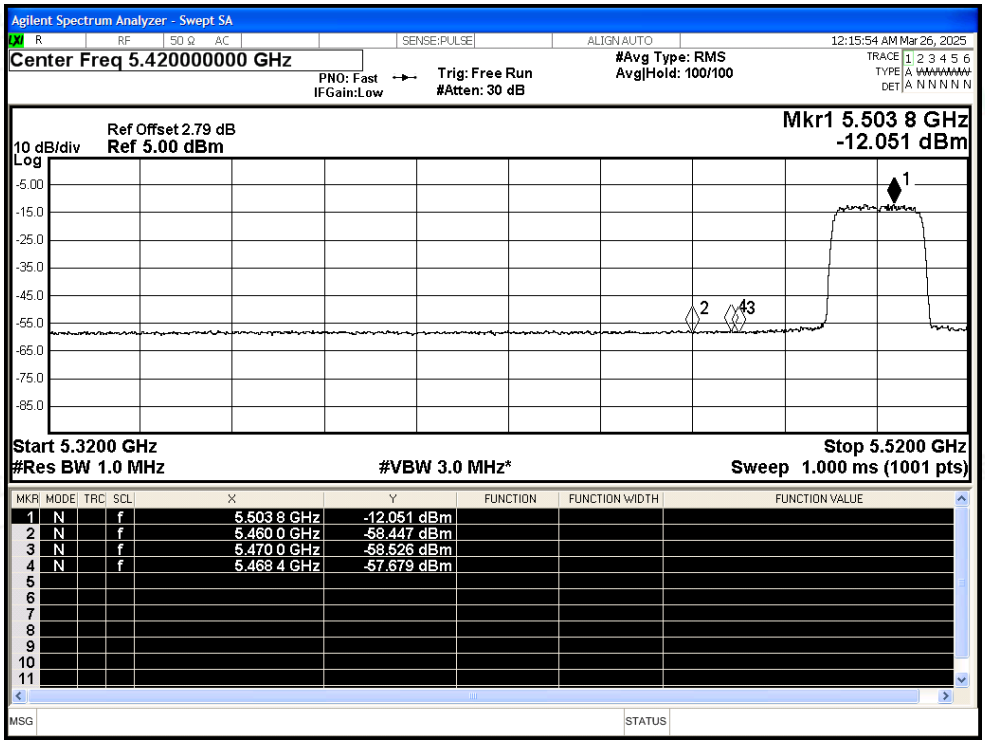
Restrict Band NVNT ac80 5610MHz Ant4 Average



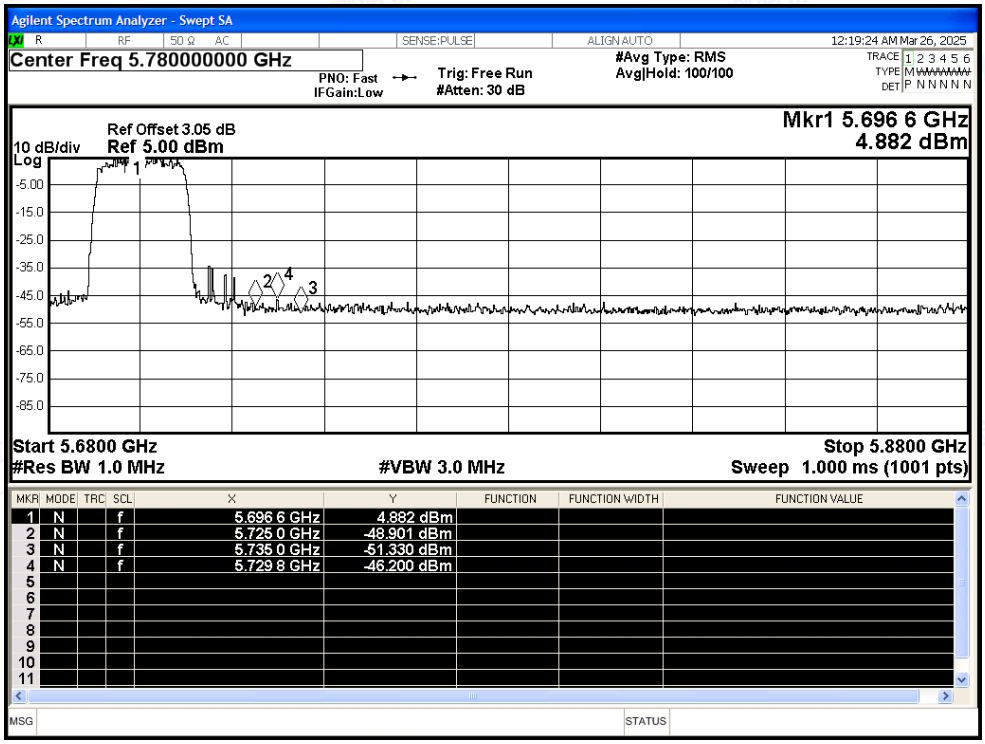
Restrict Band NVNT ax20 5500MHz Ant4 Peak



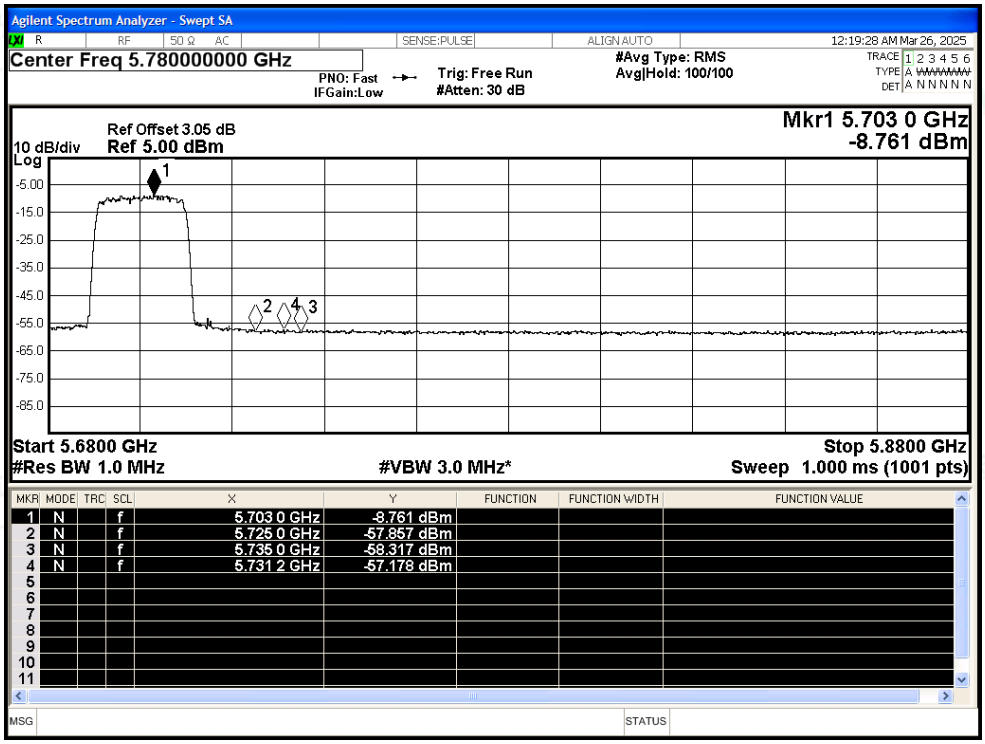
Restrict Band NVNT ax20 5500MHz Ant4 Average



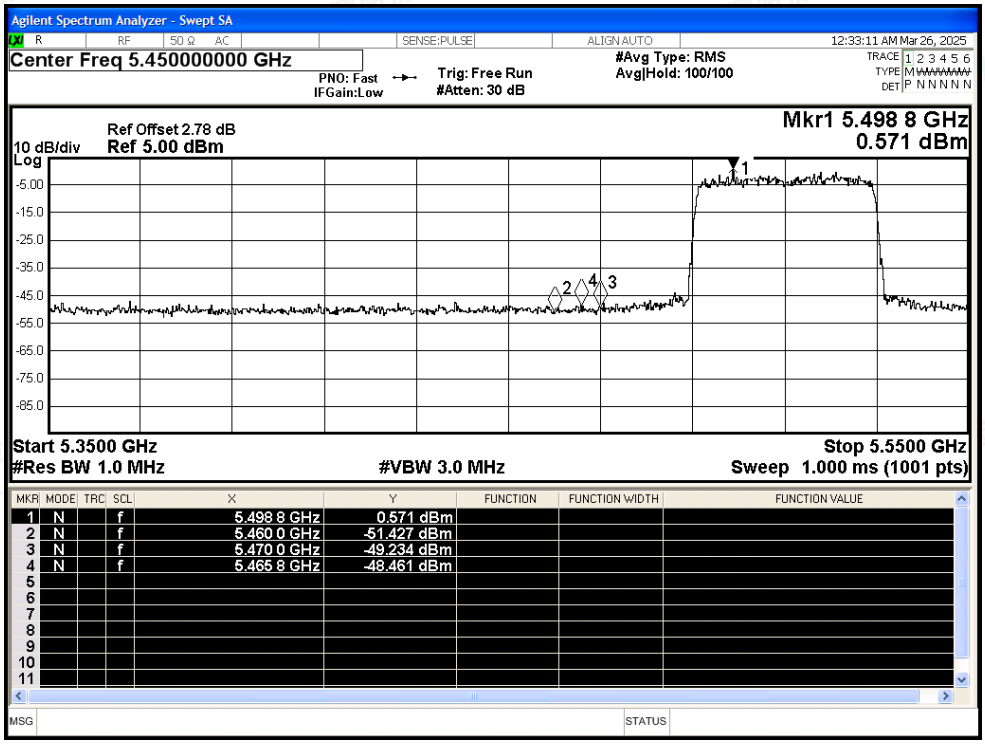
Restrict Band NVNT ax20 5700MHz Ant4 Peak



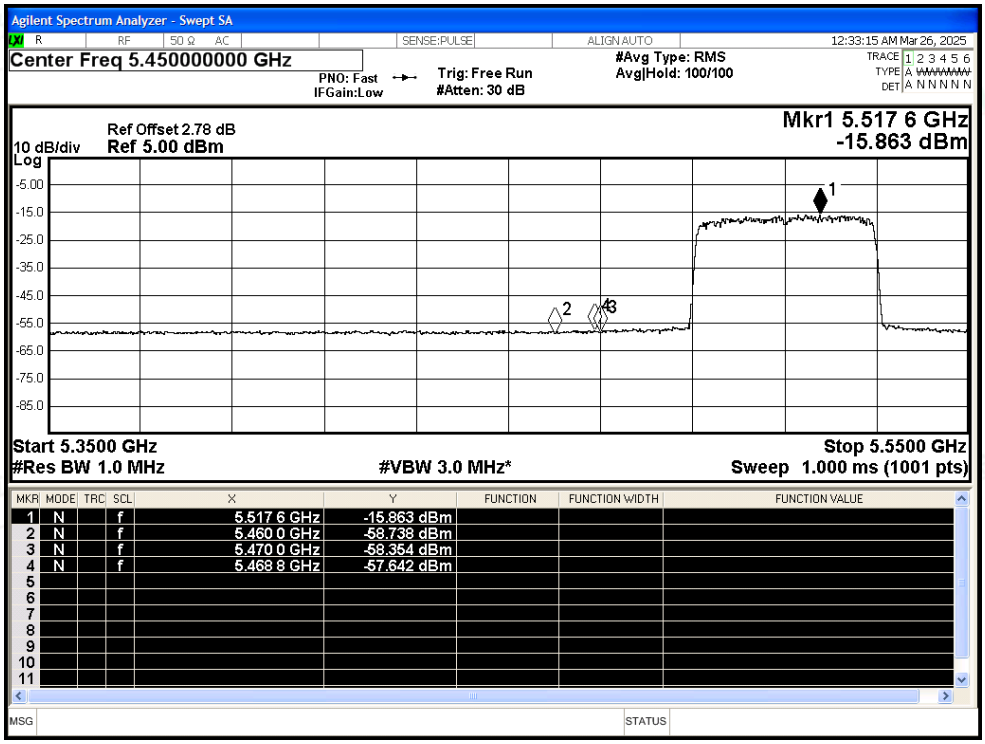
Restrict Band NVNT ax20 5700MHz Ant4 Average



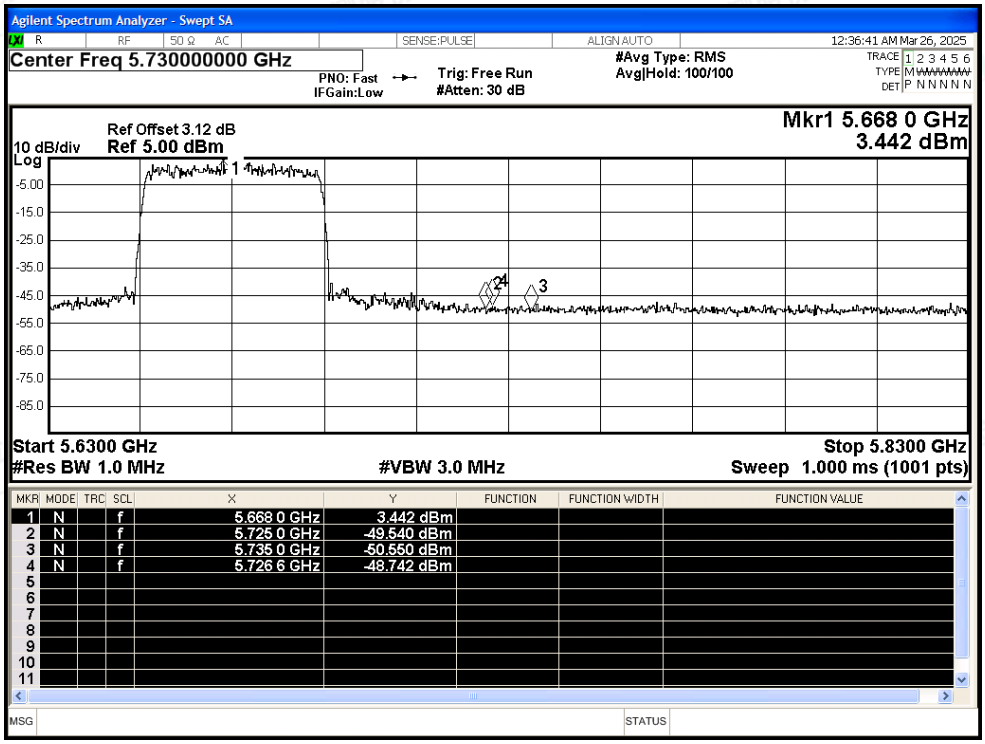
Restrict Band NVNT ax40 5510MHz Ant4 Peak



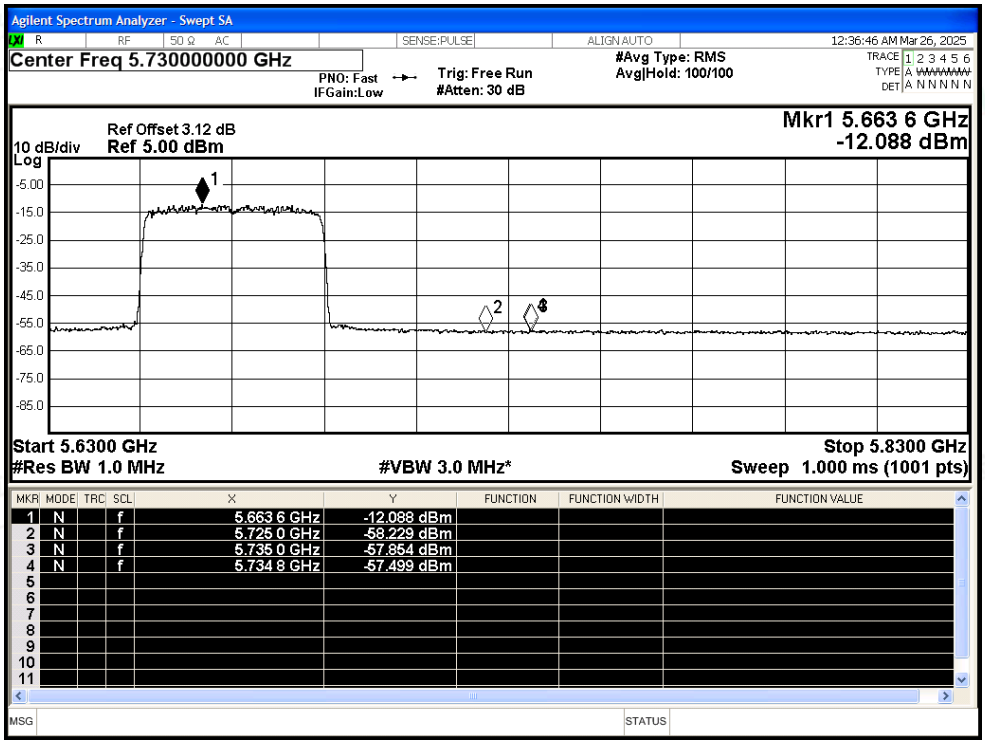
Restrict Band NVNT ax40 5510MHz Ant4 Average



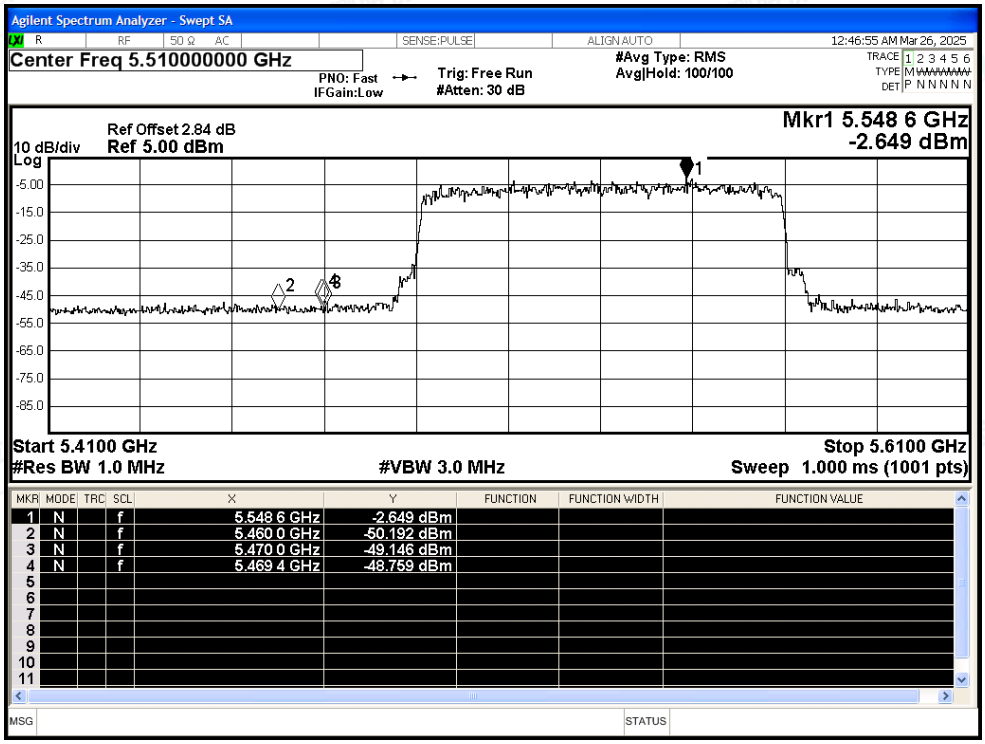
Restrict Band NVNT ax40 5670MHz Ant4 Peak



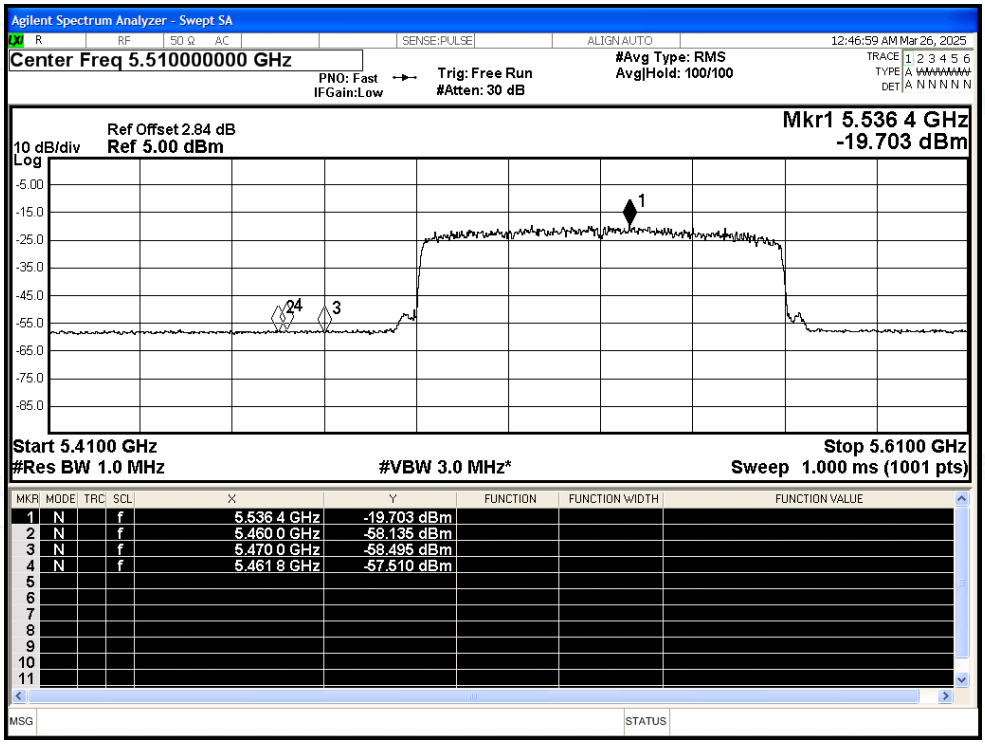
Restrict Band NVNT ax40 5670MHz Ant4 Average



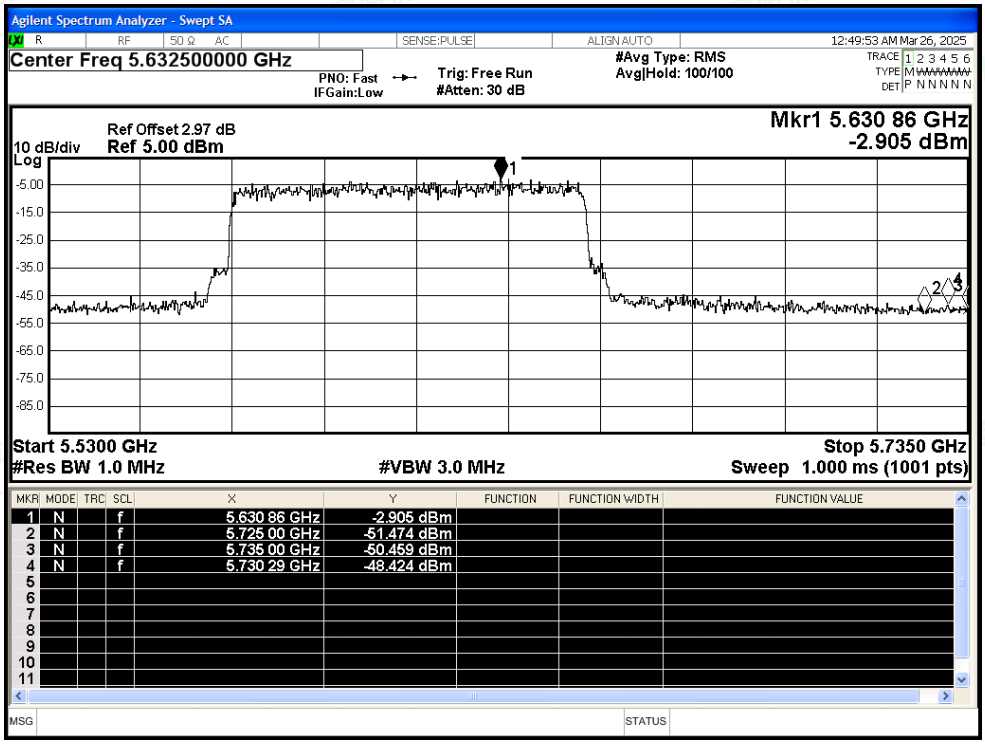
Restrict Band NVNT ax80 5530MHz Ant4 Peak



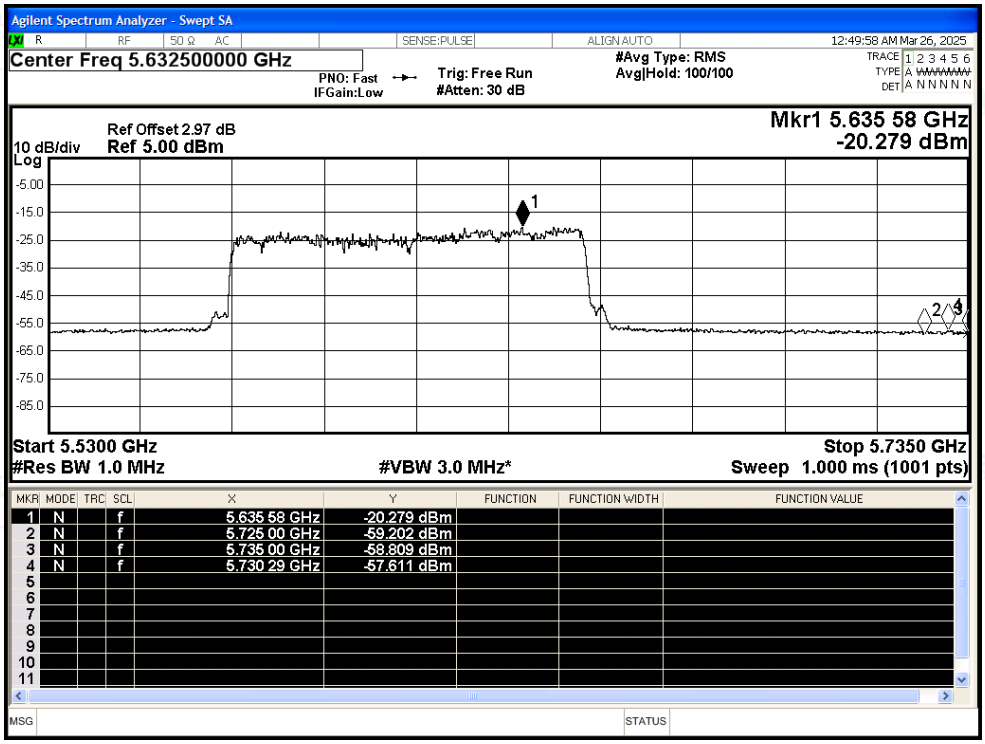
Restrict Band NVNT ax80 5530MHz Ant4 Average



Restrict Band NVNT ax80 5610MHz Ant4 Peak



Restrict Band NVNT ax80 5610MHz Ant4 Average



MIMO

Condition	Mode	Frequency (MHz)	Spur Freq (MHz)	Ant3 Power (dBm)	Ant4 Power (dBm)	Gain (dBi)	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
NVNT	n20	5500	5460	-48.43	-50.84	6.55	55.32	Peak	68.2	Pass
NVNT	n20	5500	5460	-57.69	-57.81	6.55	47.04	Average	54	Pass
NVNT	n20	5500	5467.2	-46.88	-48.09	6.55	57.34	Peak	68.2	Pass
NVNT	n20	5500	5469.4	-56.88	-57.72	6.55	47.51	Average	54	Pass
NVNT	n20	5500	5470	-48.42	-50.09	6.55	55.61	Peak	68.2	Pass
NVNT	n20	5500	5470	-58.1	-58.13	6.55	46.67	Average	54	Pass
NVNT	n20	5700	5725	-49.03	-48.69	6.55	55.93	Peak	68.2	Pass
NVNT	n20	5700	5725	-57.84	-57.73	6.55	47.00	Average	54	Pass
NVNT	n20	5700	5726.2	-46.66	-47.44	6.55	57.76	Peak	68.2	Pass
NVNT	n20	5700	5725.8	-56.97	-57.3	6.55	47.66	Average	54	Pass
NVNT	n20	5700	5735	-48.32	-50.78	6.55	55.41	Peak	68.2	Pass
NVNT	n20	5700	5735	-57.69	-57.97	6.55	46.96	Average	54	Pass
NVNT	n40	5510	5460	-48.63	-51.01	6.55	55.13	Peak	68.2	Pass
NVNT	n40	5510	5460	-57.6	-58.48	6.55	46.77	Average	54	Pass
NVNT	n40	5510	5467.4	-46.94	-47.96	6.55	57.37	Peak	68.2	Pass
NVNT	n40	5510	5469.6	-56.96	-57.66	6.55	47.49	Average	54	Pass
NVNT	n40	5510	5470	-48.89	-50.04	6.55	55.36	Peak	68.2	Pass
NVNT	n40	5510	5470	-57.73	-58.05	6.55	46.90	Average	54	Pass
NVNT	n40	5670	5725	-50.31	-50.35	6.55	54.46	Peak	68.2	Pass
NVNT	n40	5670	5725	-57.37	-57.91	6.55	47.16	Average	54	Pass
NVNT	n40	5670	5730.2	-47.77	-48.5	6.55	56.67	Peak	68.2	Pass
NVNT	n40	5670	5734.8	-57.02	-57.41	6.55	47.58	Average	54	Pass
NVNT	n40	5670	5735	-49.33	-50.57	6.55	54.88	Peak	68.2	Pass
NVNT	n40	5670	5735	-57.32	-57.53	6.55	47.36	Average	54	Pass
NVNT	ac20	5500	5460	-49.33	-49.52	6.55	55.36	Peak	68.2	Pass
NVNT	ac20	5500	5460	-57.6	-58.61	6.55	46.71	Average	54	Pass
NVNT	ac20	5500	5469.8	-46.59	-47.35	6.55	57.83	Peak	68.2	Pass
NVNT	ac20	5500	5468.4	-56.68	-57.53	6.55	47.70	Average	54	Pass
NVNT	ac20	5500	5470	-50.64	-47.35	6.55	56.10	Peak	68.2	Pass
NVNT	ac20	5500	5470	-57.97	-58.02	6.55	46.79	Average	54	Pass
NVNT	ac20	5700	5725	-48.43	-49.43	6.55	55.89	Peak	68.2	Pass
NVNT	ac20	5700	5725	-57.69	-57.68	6.55	47.10	Average	54	Pass
NVNT	ac20	5700	5727.2	-47.53	-47.73	6.55	57.16	Peak	68.2	Pass
NVNT	ac20	5700	5727.4	-56.95	-57.19	6.55	47.72	Average	54	Pass
NVNT	ac20	5700	5735	-49.59	-50.71	6.55	54.67	Peak	68.2	Pass
NVNT	ac20	5700	5735	-58.07	-57.57	6.55	46.98	Average	54	Pass
NVNT	ac40	5510	5460	-51.08	-49.3	6.55	54.69	Peak	68.2	Pass

NVNT	ac40	5510	5460	-57.71	-58.55	6.55	46.68	Average	54	Pass
NVNT	ac40	5510	5469.4	-47.89	-48.61	6.55	56.55	Peak	68.2	Pass
NVNT	ac40	5510	5469.8	-57.14	-57.61	6.55	47.42	Average	54	Pass
NVNT	ac40	5510	5470	-48.45	-50.09	6.55	55.59	Peak	68.2	Pass
NVNT	ac40	5510	5470	-57.6	-57.96	6.55	47.01	Average	54	Pass
NVNT	ac40	5670	5725	-49.87	-50.22	6.55	54.75	Peak	68.2	Pass
NVNT	ac40	5670	5725	-57.5	-57.93	6.55	47.08	Average	54	Pass
NVNT	ac40	5670	5734.4	-47.06	-48.35	6.55	57.13	Peak	68.2	Pass
NVNT	ac40	5670	5725	-57.14	-57.18	6.55	47.63	Average	54	Pass
NVNT	ac40	5670	5735	-48.88	-49.14	6.55	55.78	Peak	68.2	Pass
NVNT	ac40	5670	5735	-58.19	-57.18	6.55	47.13	Average	54	Pass
NVNT	ac80	5530	5460	-50.31	-49.59	6.55	54.85	Peak	68.2	Pass
NVNT	ac80	5530	5460	-57.69	-58.18	6.55	46.86	Average	54	Pass
NVNT	ac80	5530	5469.4	-47.32	-47.76	6.55	57.25	Peak	68.2	Pass
NVNT	ac80	5530	5469.2	-57.16	-57.17	6.55	47.62	Average	54	Pass
NVNT	ac80	5530	5470	-49.71	-49.64	6.55	55.11	Peak	68.2	Pass
NVNT	ac80	5530	5470	-57.41	-57.62	6.55	47.27	Average	54	Pass
NVNT	ac80	5610	5725	-49.5	-51.07	6.55	54.57	Peak	68.2	Pass
NVNT	ac80	5610	5725	-57.43	-58.28	6.55	46.95	Average	54	Pass
NVNT	ac80	5610	5735	-46.78	-48	6.55	57.44	Peak	68.2	Pass
NVNT	ac80	5610	5725.16	-57.35	-57.65	6.55	47.29	Average	54	Pass
NVNT	ac80	5610	5735	-50.18	-49.68	6.55	54.87	Peak	68.2	Pass
NVNT	ac80	5610	5735	-57.61	-58.45	6.55	46.78	Average	54	Pass
NVNT	ax20	5500	5460	-49.25	-50.92	6.55	54.78	Peak	68.2	Pass
NVNT	ax20	5500	5460	-58	-58.45	6.55	46.57	Average	54	Pass
NVNT	ax20	5500	5468.6	-46.84	-46.35	6.55	58.20	Peak	68.2	Pass
NVNT	ax20	5500	5469.6	-57.17	-57.68	6.55	47.37	Average	54	Pass
NVNT	ax20	5500	5470	-49.49	-50.96	6.55	54.62	Peak	68.2	Pass
NVNT	ax20	5500	5470	-57.43	-58.53	6.55	46.84	Average	54	Pass
NVNT	ax20	5700	5725	-49.76	-48.9	6.55	55.48	Peak	68.2	Pass
NVNT	ax20	5700	5725	-57.88	-57.86	6.55	46.92	Average	54	Pass
NVNT	ax20	5700	5725	-46.47	-46.2	6.55	58.45	Peak	68.2	Pass
NVNT	ax20	5700	5725.2	-57.04	-57.18	6.55	47.68	Average	54	Pass
NVNT	ax20	5700	5735	-50.21	-51.33	6.55	54.05	Peak	68.2	Pass
NVNT	ax20	5700	5735	-57.83	-58.32	6.55	46.72	Average	54	Pass
NVNT	ax40	5510	5460	-50.5	-51.43	6.55	53.85	Peak	68.2	Pass
NVNT	ax40	5510	5460	-57.77	-58.74	6.55	46.56	Average	54	Pass
NVNT	ax40	5510	5470	-47.99	-48.46	6.55	56.57	Peak	68.2	Pass
NVNT	ax40	5510	5469.8	-56.97	-57.64	6.55	47.50	Average	54	Pass
NVNT	ax40	5510	5470	-49.12	-49.23	6.55	55.61	Peak	68.2	Pass
NVNT	ax40	5510	5470	-57.6	-58.35	6.55	46.83	Average	54	Pass

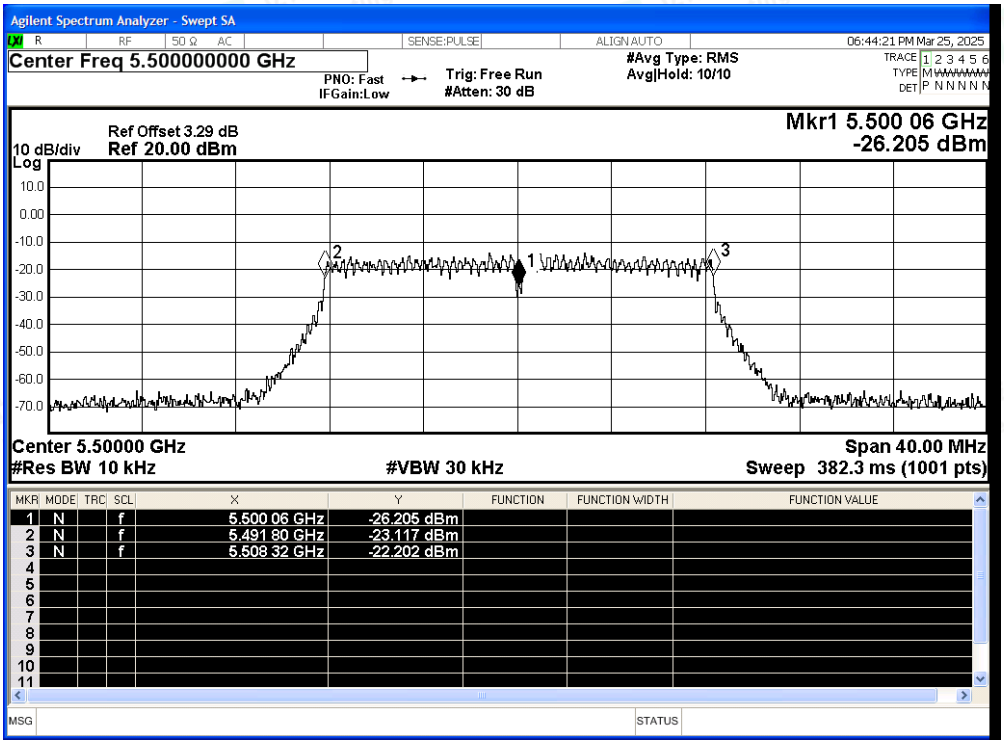
NVNT	ax40	5670	5725	-48.56	-49.54	6.55	55.77	Peak	68.2	Pass
NVNT	ax40	5670	5725	-58.39	-58.23	6.55	46.48	Average	54	Pass
NVNT	ax40	5670	5731.8	-47.37	-48.74	6.55	56.79	Peak	68.2	Pass
NVNT	ax40	5670	5734.2	-56.99	-57.5	6.55	47.55	Average	54	Pass
NVNT	ax40	5670	5735	-47.38	-50.55	6.55	56.11	Peak	68.2	Pass
NVNT	ax40	5670	5735	-57.39	-57.85	6.55	47.17	Average	54	Pass
NVNT	ax80	5530	5460	-50.12	-50.19	6.55	54.63	Peak	68.2	Pass
NVNT	ax80	5530	5460	-57.81	-58.14	6.55	46.82	Average	54	Pass
NVNT	ax80	5530	5465.4	-47.37	-48.76	6.55	56.78	Peak	68.2	Pass
NVNT	ax80	5530	5469.6	-57	-57.51	6.55	47.54	Average	54	Pass
NVNT	ax80	5530	5470	-49.16	-49.15	6.55	55.63	Peak	68.2	Pass
NVNT	ax80	5530	5470	-57.13	-58.5	6.55	47.03	Average	54	Pass
NVNT	ax80	5610	5725	-48.13	-51.47	6.55	55.30	Peak	68.2	Pass
NVNT	ax80	5610	5725	-58.31	-59.2	6.55	46.06	Average	54	Pass
NVNT	ax80	5610	5732.54	-47.22	-48.42	6.55	57.01	Peak	68.2	Pass
NVNT	ax80	5610	5733.36	-57.02	-57.61	6.55	47.48	Average	54	Pass
NVNT	ax80	5610	5735	-48.59	-50.46	6.55	55.36	Peak	68.2	Pass
NVNT	ax80	5610	5735	-57.7	-58.81	6.55	46.57	Average	54	Pass

D.5 Frequency Stability

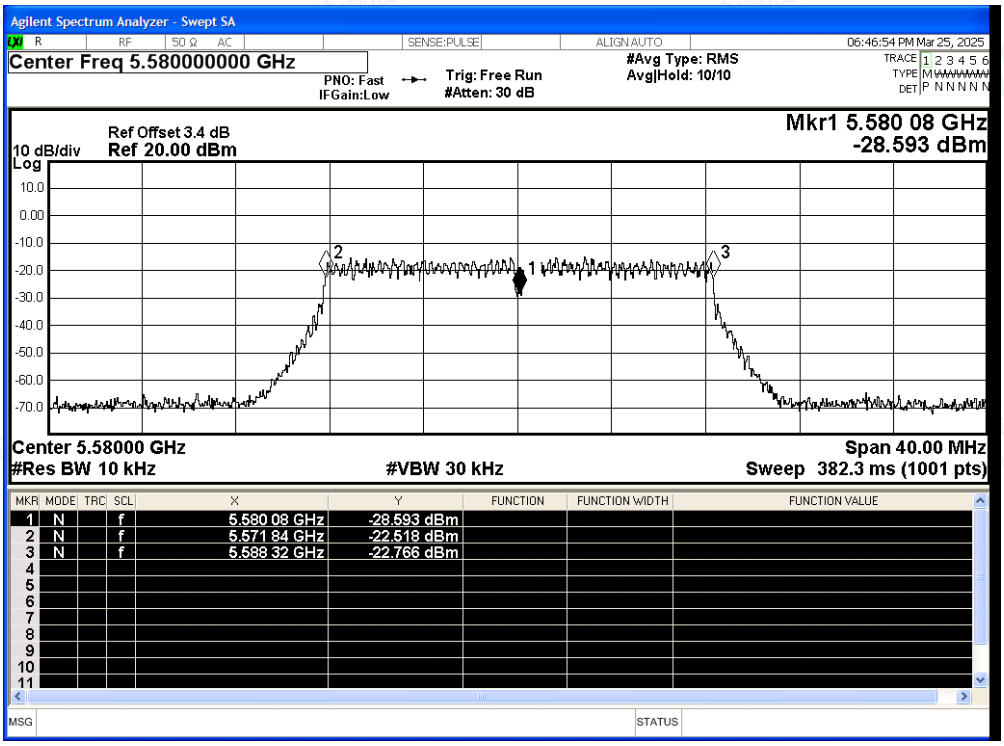
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	a	5500	Ant3	5500.06	60000	10.91	25	Pass
NVNT	a	5580	Ant3	5580.08	80000	14.34	25	Pass
NVNT	a	5700	Ant3	5700.06	60000	10.53	25	Pass
NVNT	n20	5500	Ant3	5500.08	80000	14.55	25	Pass
NVNT	n20	5580	Ant3	5580.1	100000	17.92	25	Pass
NVNT	n20	5700	Ant3	5700.04	40000	7.02	25	Pass
NVNT	n40	5510	Ant3	5510.08	80000	14.52	25	Pass
NVNT	n40	5550	Ant3	5550.08	80000	14.41	25	Pass
NVNT	n40	5670	Ant3	5670.08	80000	14.11	25	Pass
NVNT	ac20	5500	Ant3	5500.08	80000	14.55	25	Pass
NVNT	ac20	5580	Ant3	5580.08	80000	14.34	25	Pass
NVNT	ac20	5700	Ant3	5700.08	80000	14.04	25	Pass
NVNT	ac40	5510	Ant3	5510.08	80000	14.52	25	Pass
NVNT	ac40	5550	Ant3	5550.04	40000	7.21	25	Pass
NVNT	ac40	5670	Ant3	5670.08	80000	14.11	25	Pass
NVNT	ac80	5530	Ant3	5530.08	80000	14.47	25	Pass
NVNT	ac80	5610	Ant3	5610.08	80000	14.26	25	Pass
NVNT	ax20	5500	Ant3	5500.08	80000	14.55	25	Pass
NVNT	ax20	5580	Ant3	5580.08	80000	14.34	25	Pass
NVNT	ax20	5700	Ant3	5700.08	80000	14.04	25	Pass
NVNT	ax40	5510	Ant3	5510.04	40000	7.26	25	Pass
NVNT	ax40	5550	Ant3	5550.08	80000	14.41	25	Pass
NVNT	ax40	5670	Ant3	5670.08	80000	14.11	25	Pass
NVNT	ax80	5530	Ant3	5530.08	80000	14.47	25	Pass
NVNT	ax80	5610	Ant3	5610	0	0	25	Pass

Test Graphs

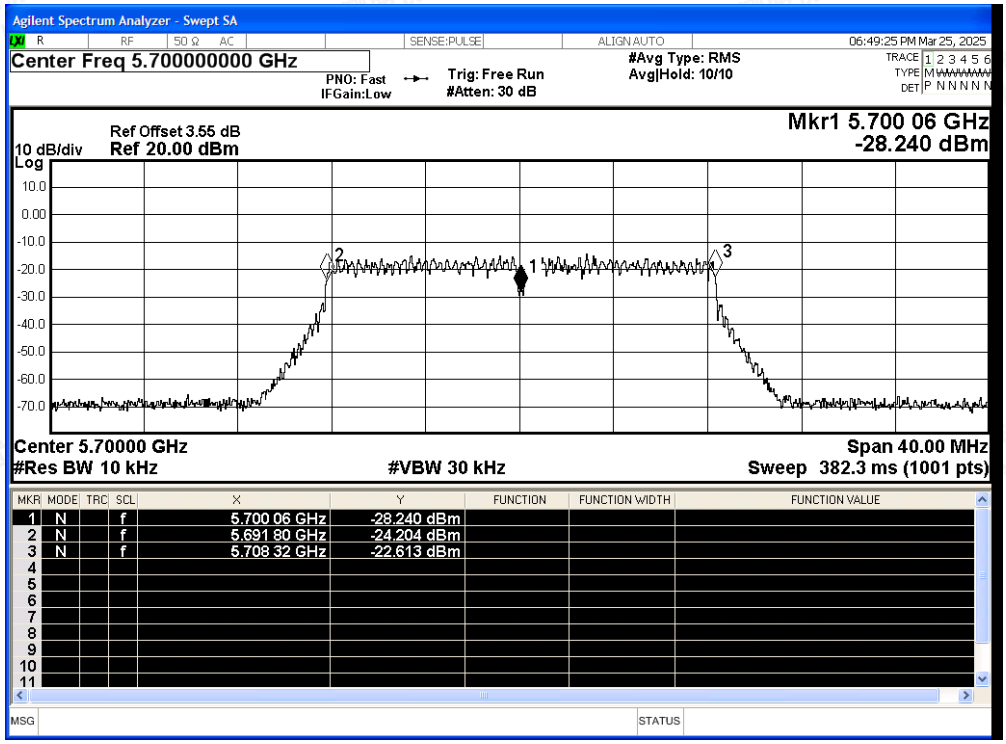
Freq. Stability NVNT a 5500MHz Ant3



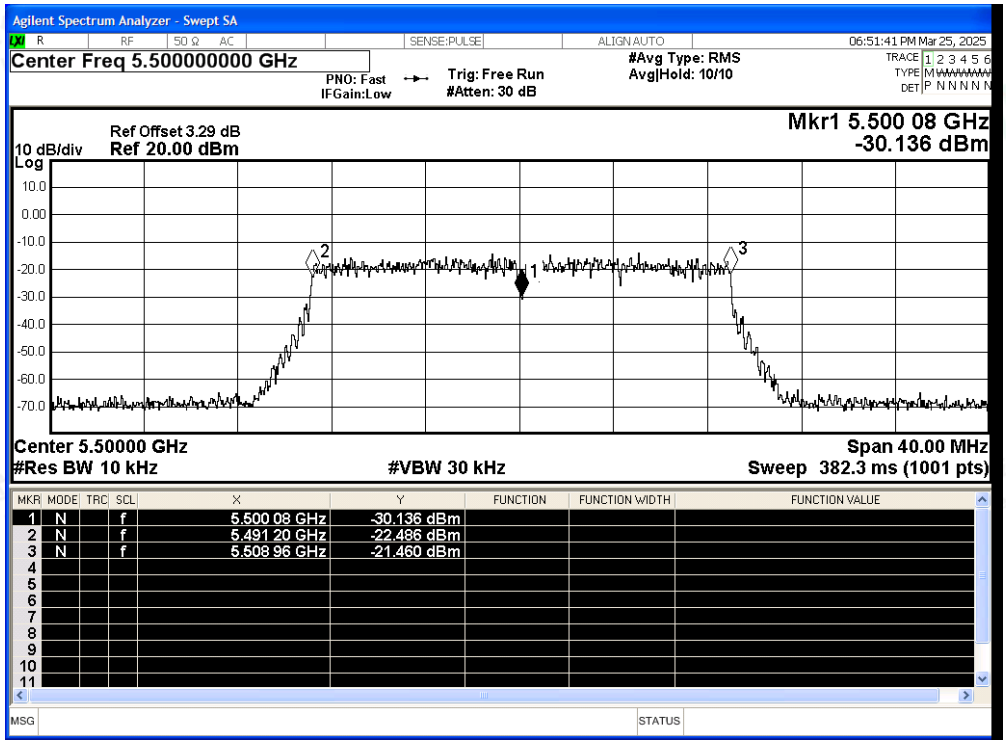
Freq. Stability NVNT a 5580MHz Ant3



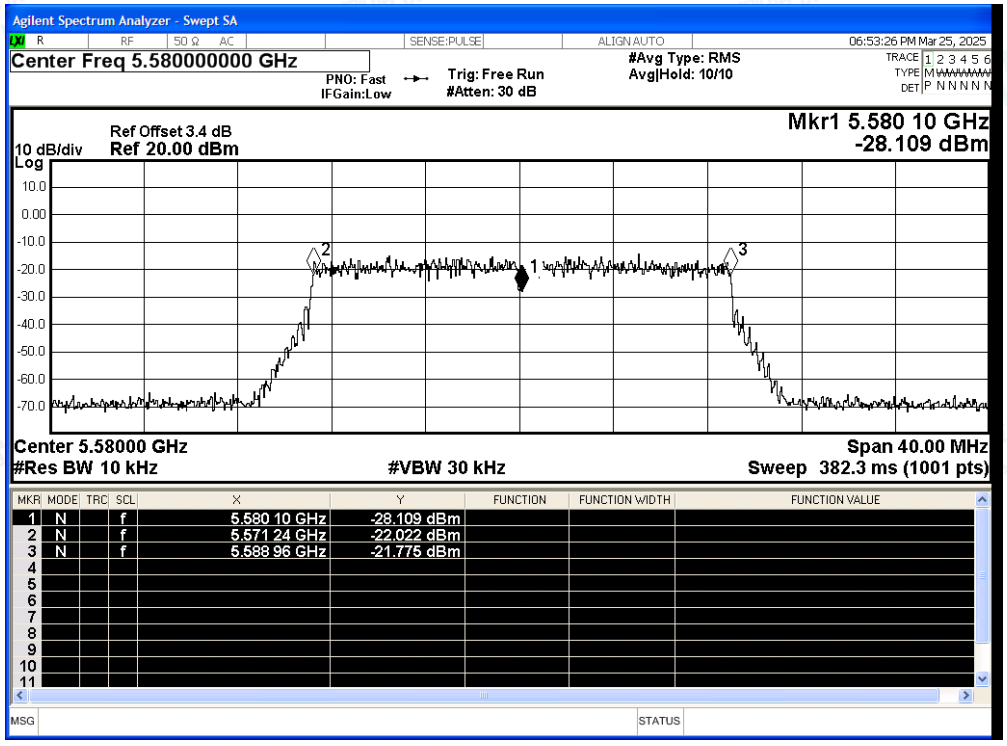
Freq. Stability NVNT a 5700MHz Ant3



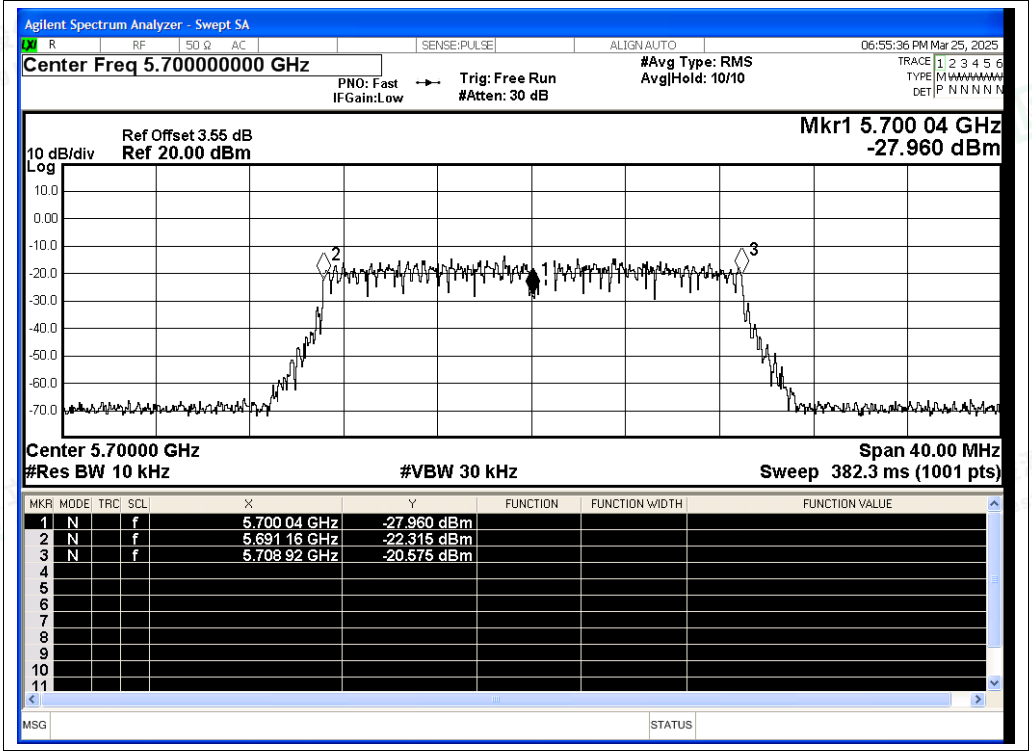
Freq. Stability NVNT n20 5500MHz Ant3



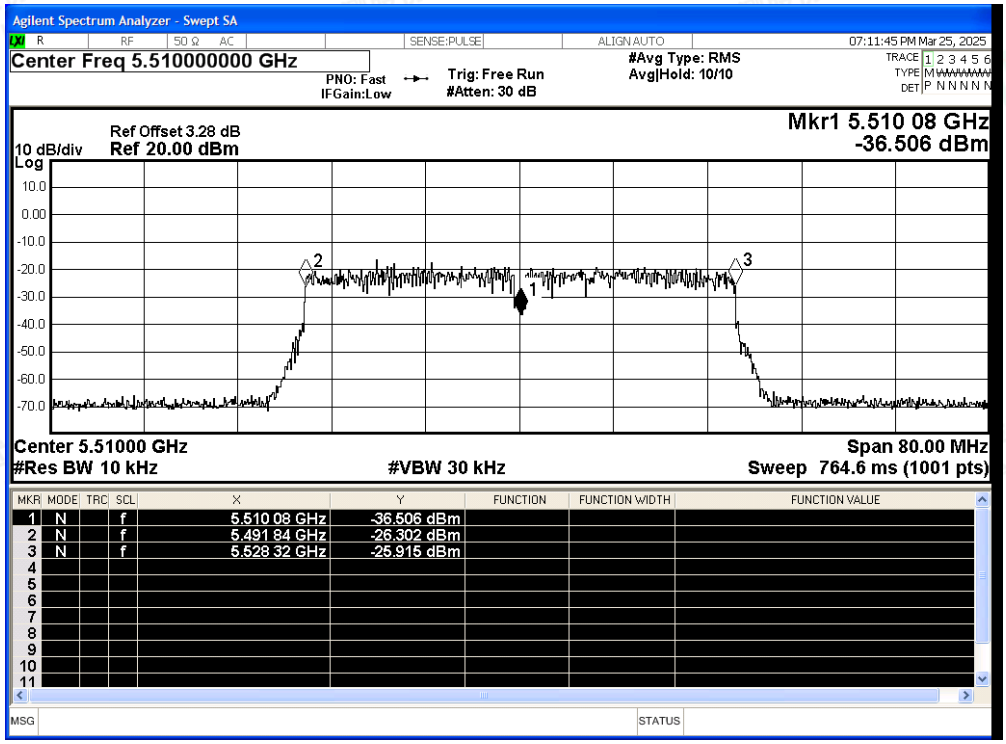
Freq. Stability NVNT n20 5580MHz Ant3



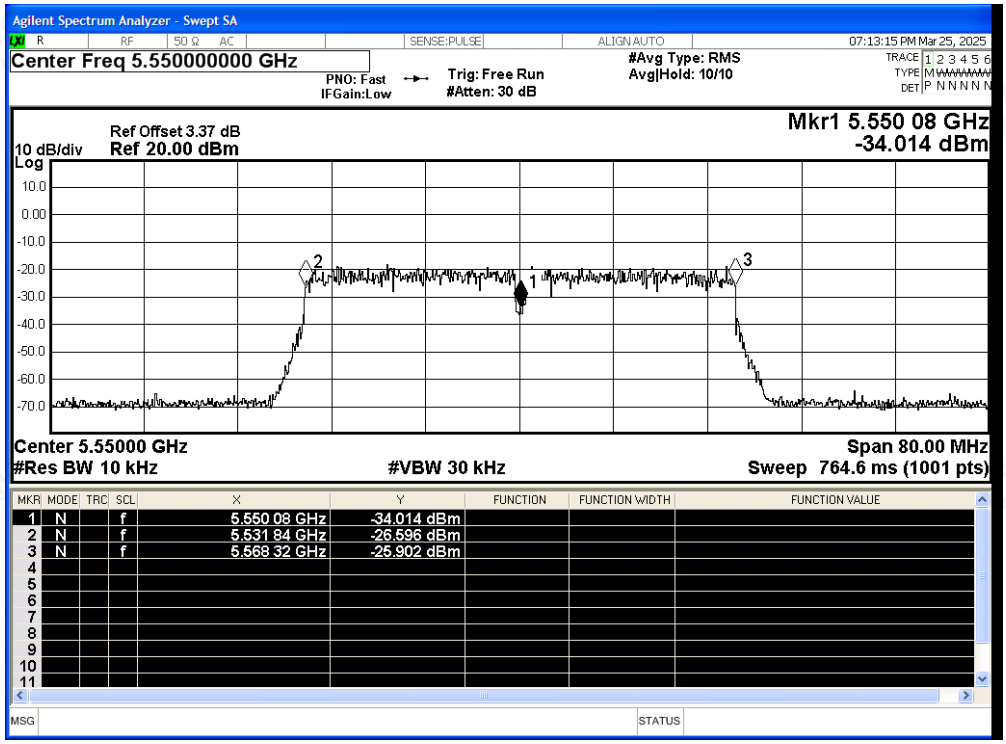
Freq. Stability NVNT n20 5700MHz Ant3



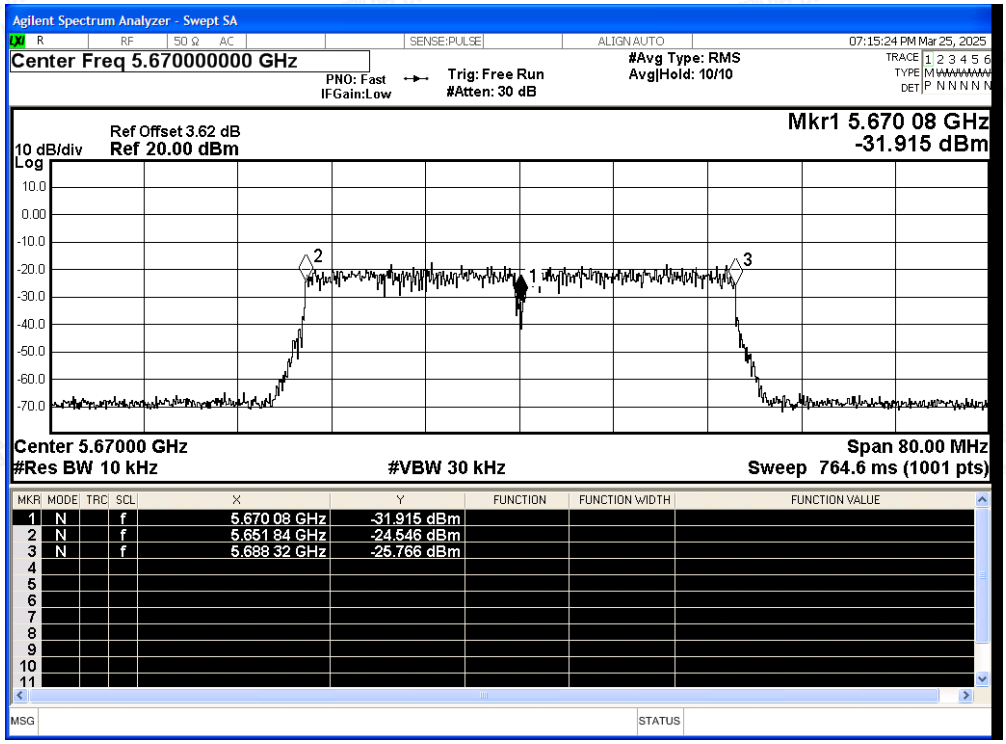
Freq. Stability NVNT n40 5510MHz Ant3



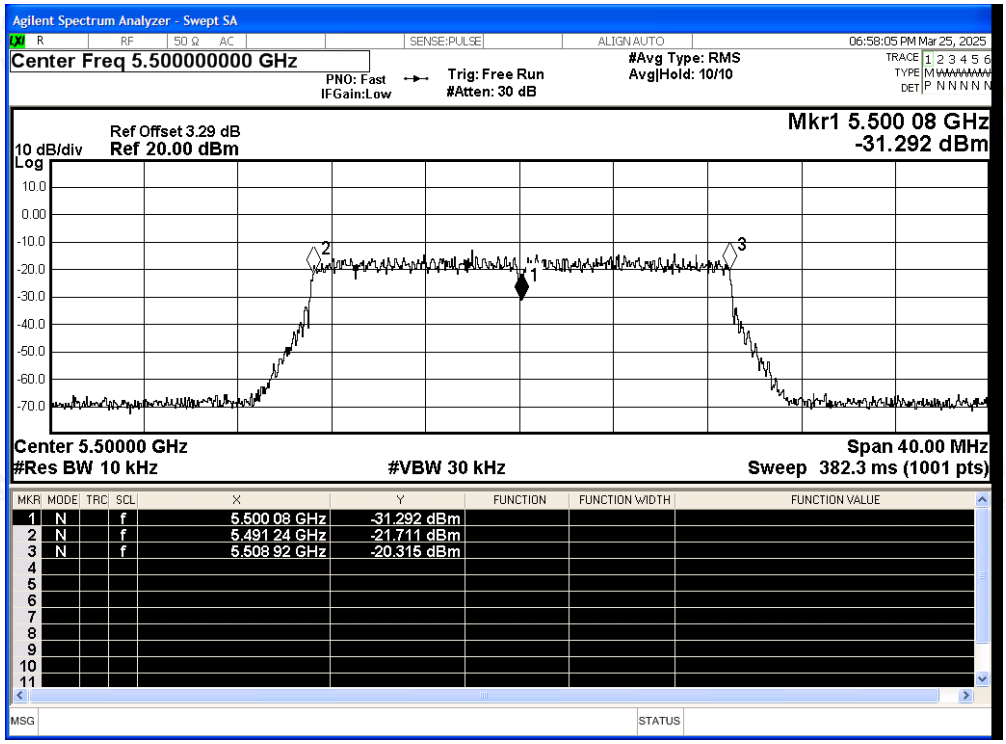
Freq. Stability NVNT n40 5550MHz Ant3



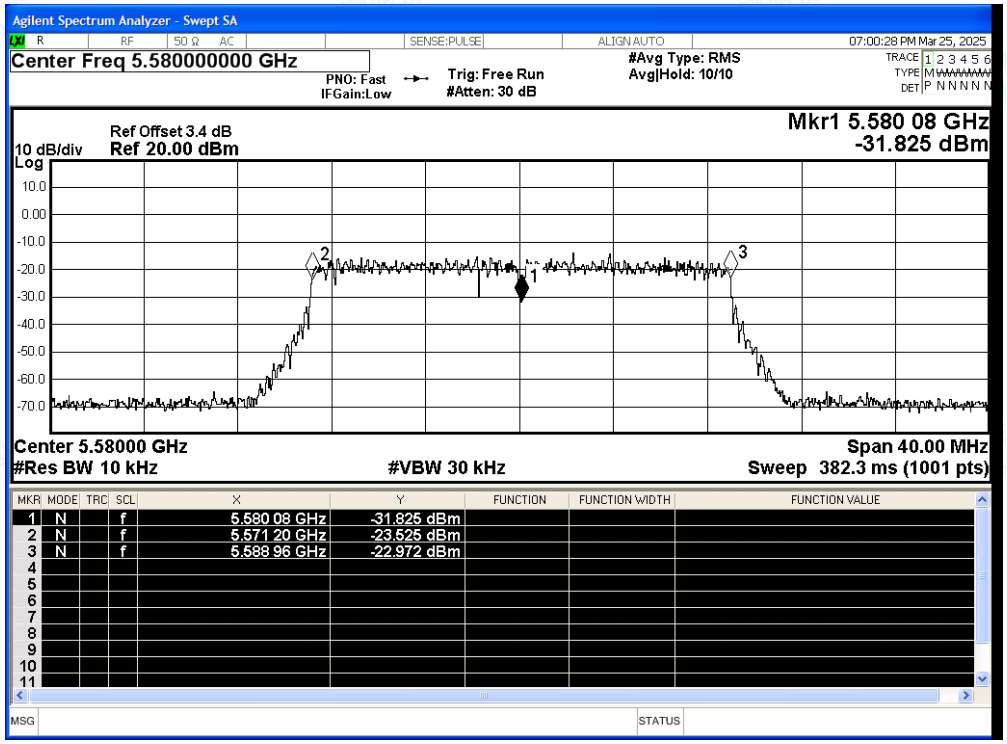
Freq. Stability NVNT n40 5670MHz Ant3



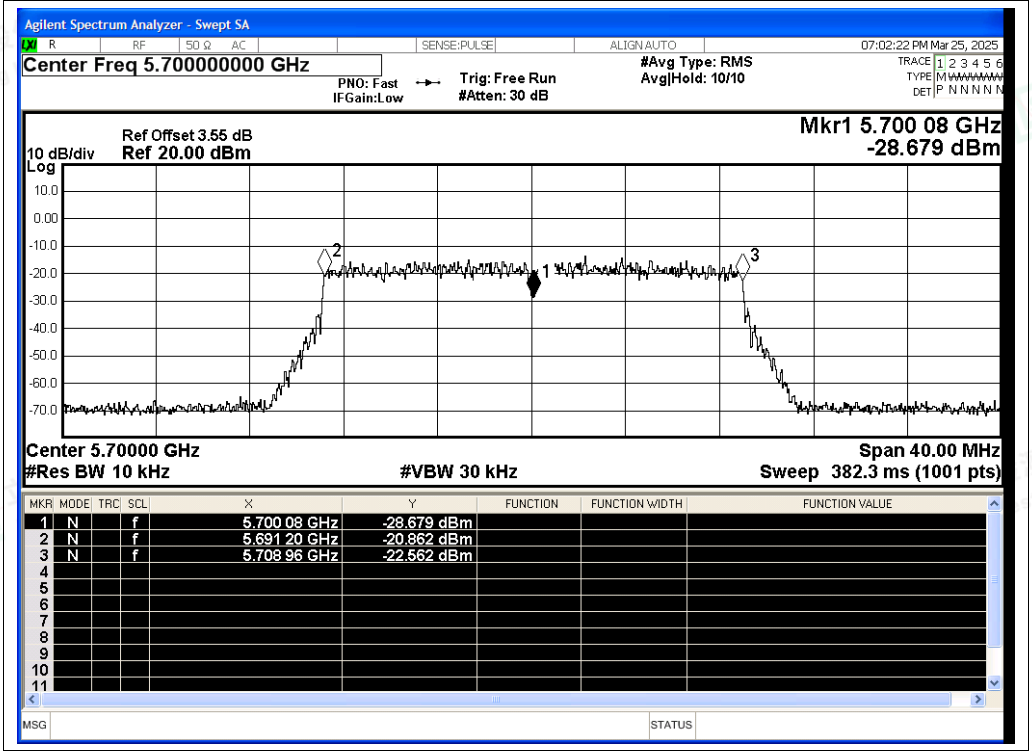
Freq. Stability NVNT ac20 5500MHz Ant3



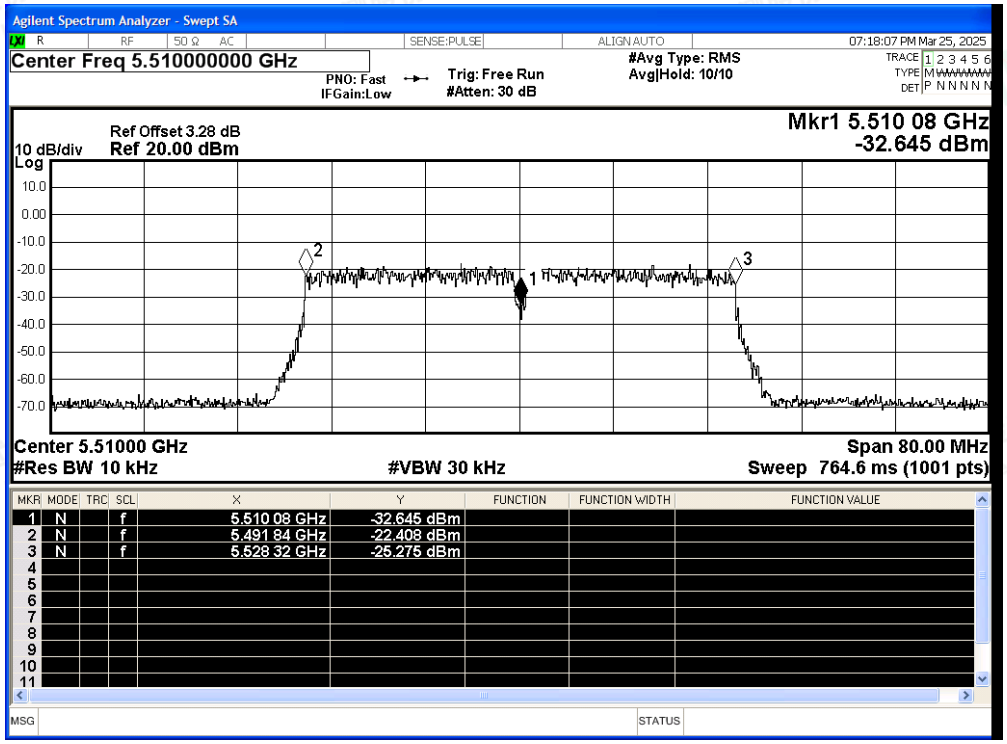
Freq. Stability NVNT ac20 5580MHz Ant3



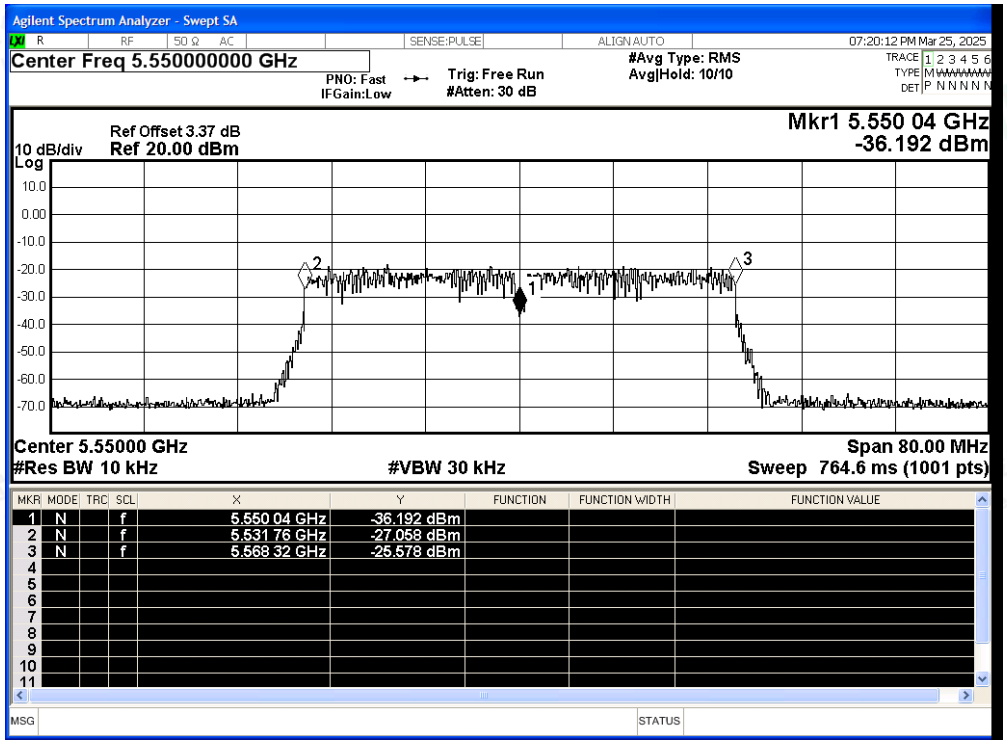
Freq. Stability NVNT ac20 5700MHz Ant3



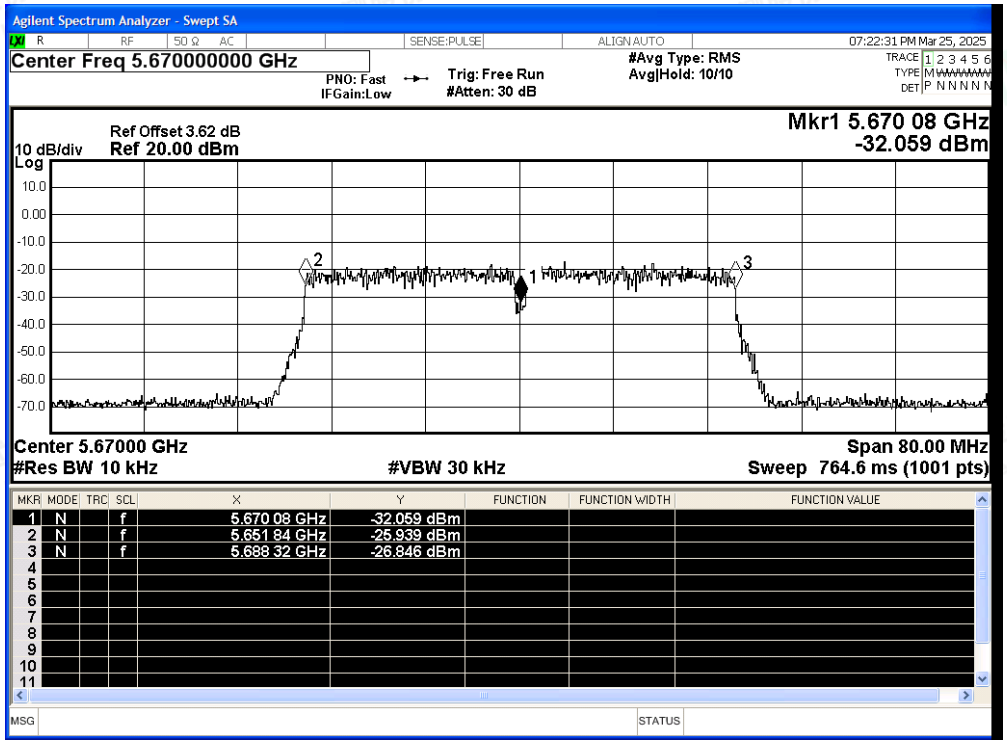
Freq. Stability NVNT ac40 5510MHz Ant3



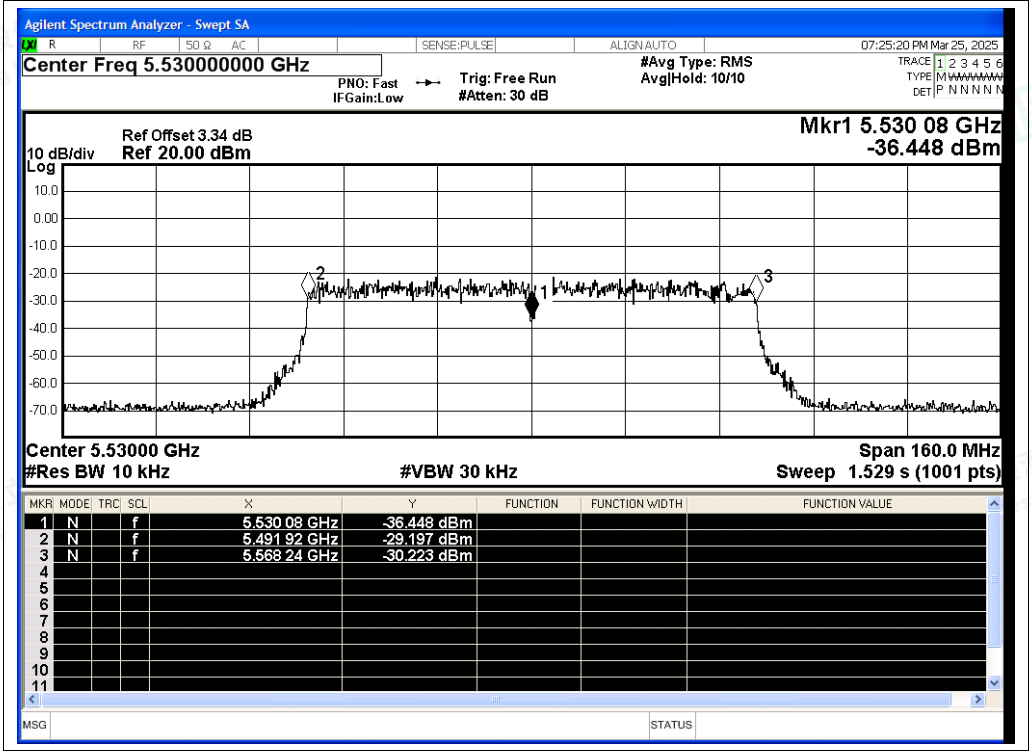
Freq. Stability NVNT ac40 5550MHz Ant3



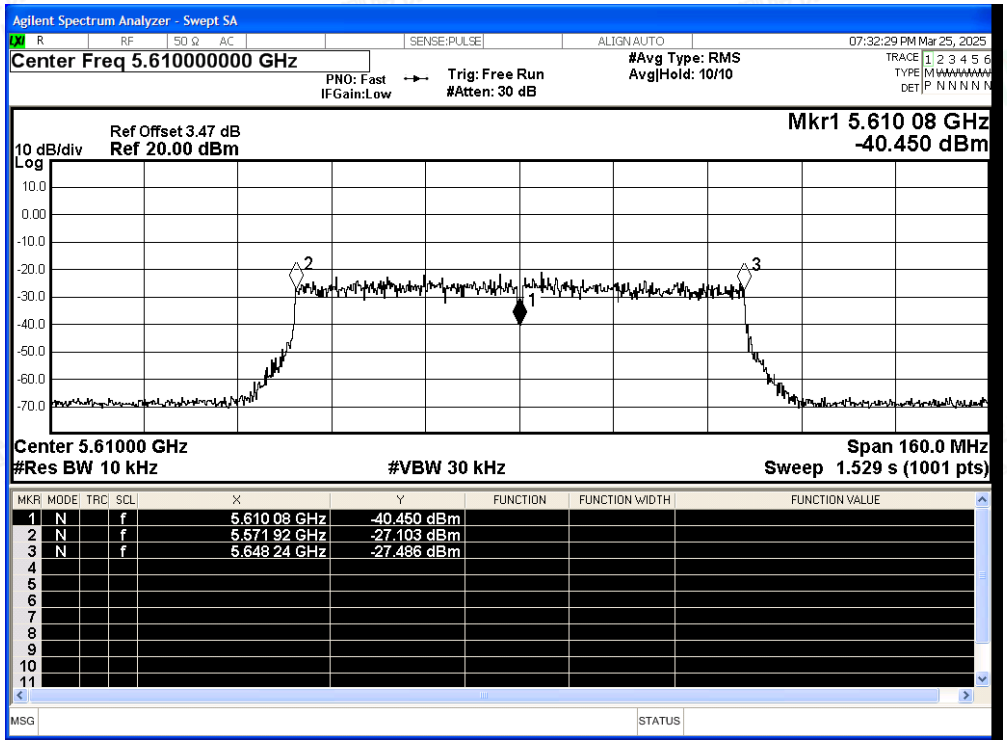
Freq. Stability NVNT ac40 5670MHz Ant3



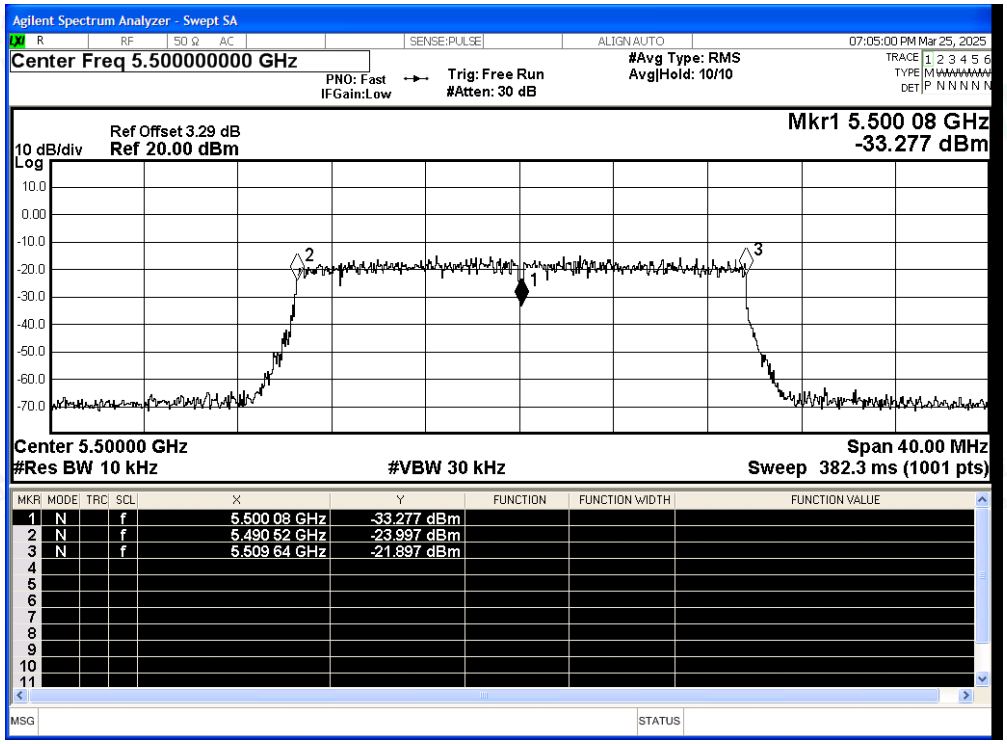
Freq. Stability NVNT ac80 5530MHz Ant3



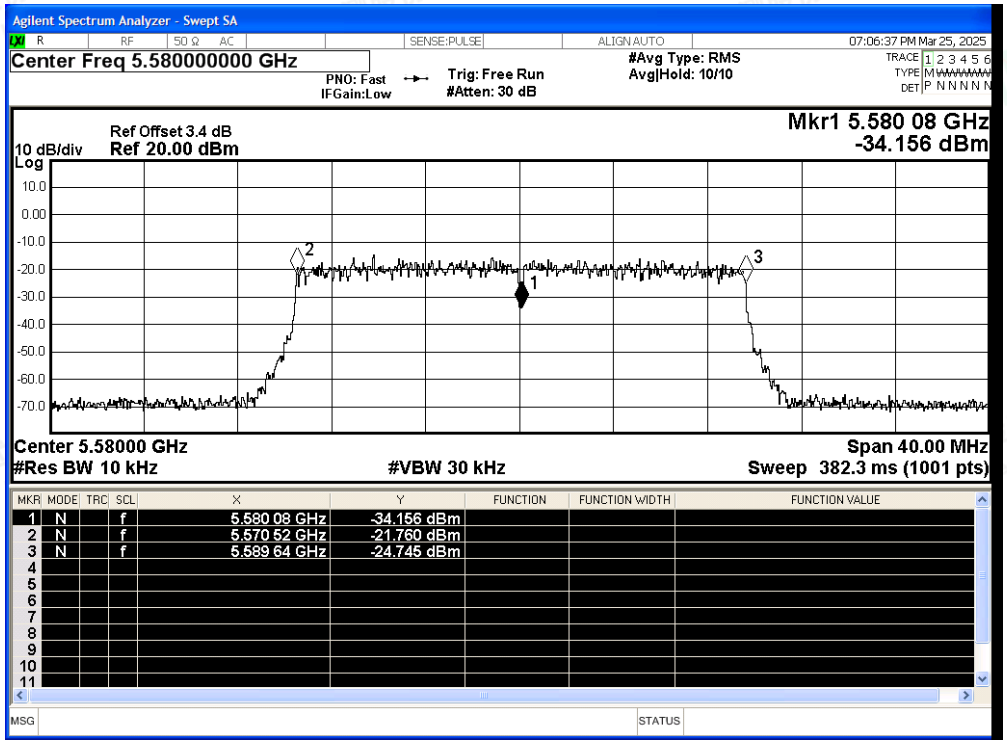
Freq. Stability NVNT ac80 5610MHz Ant3



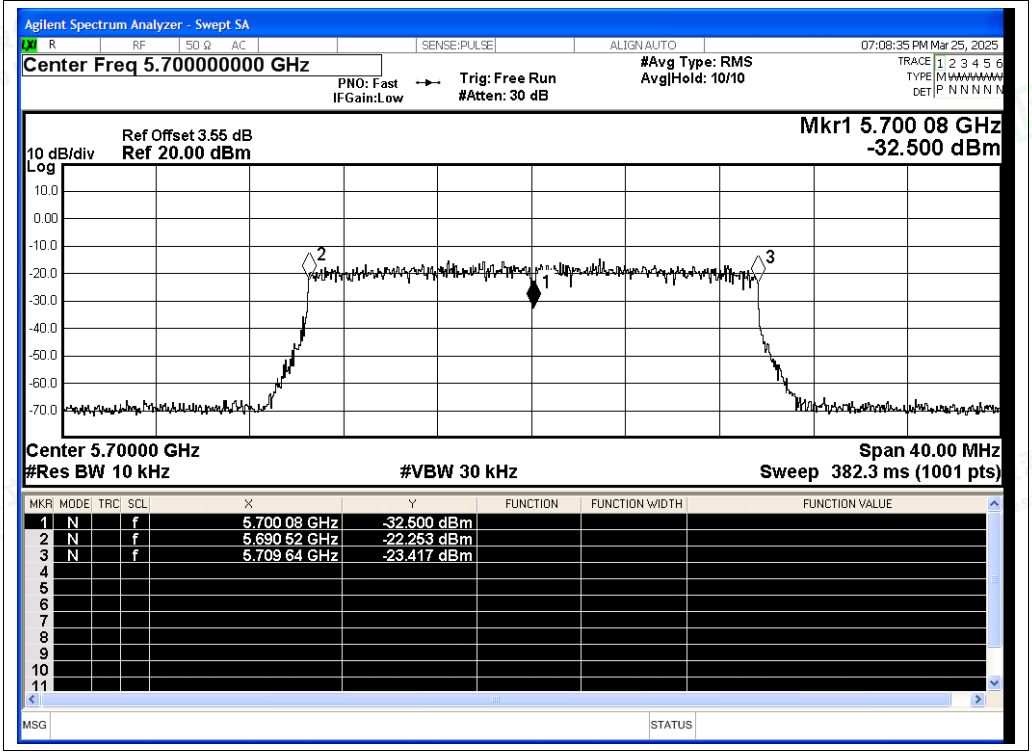
Freq. Stability NVNT ax20 5500MHz Ant3



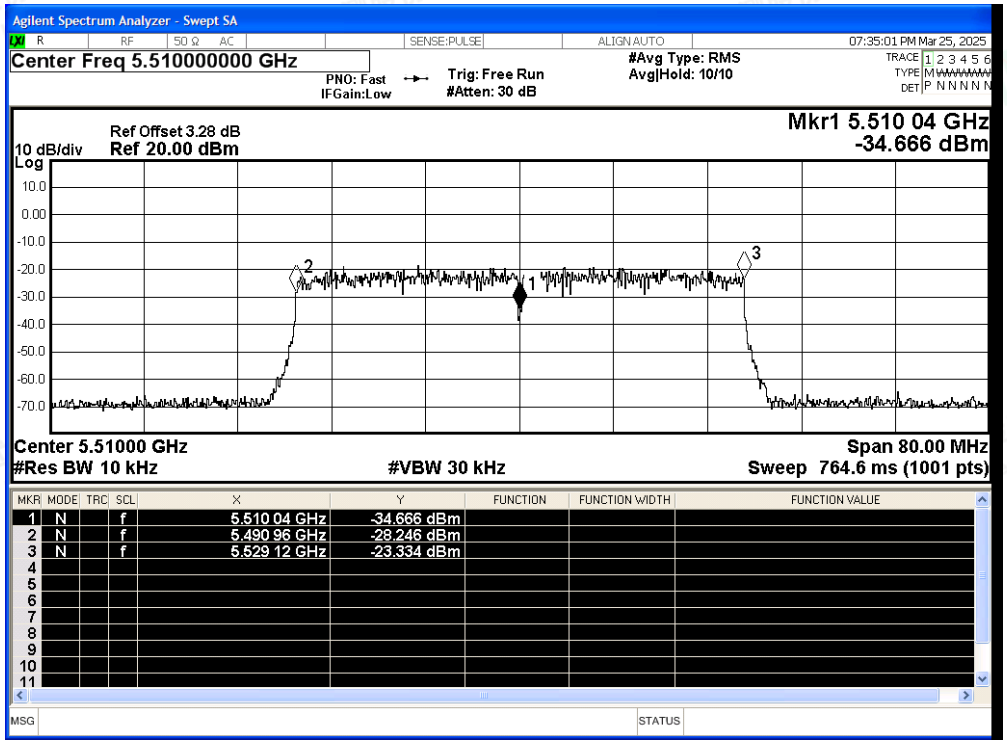
Freq. Stability NVNT ax20 5580MHz Ant3



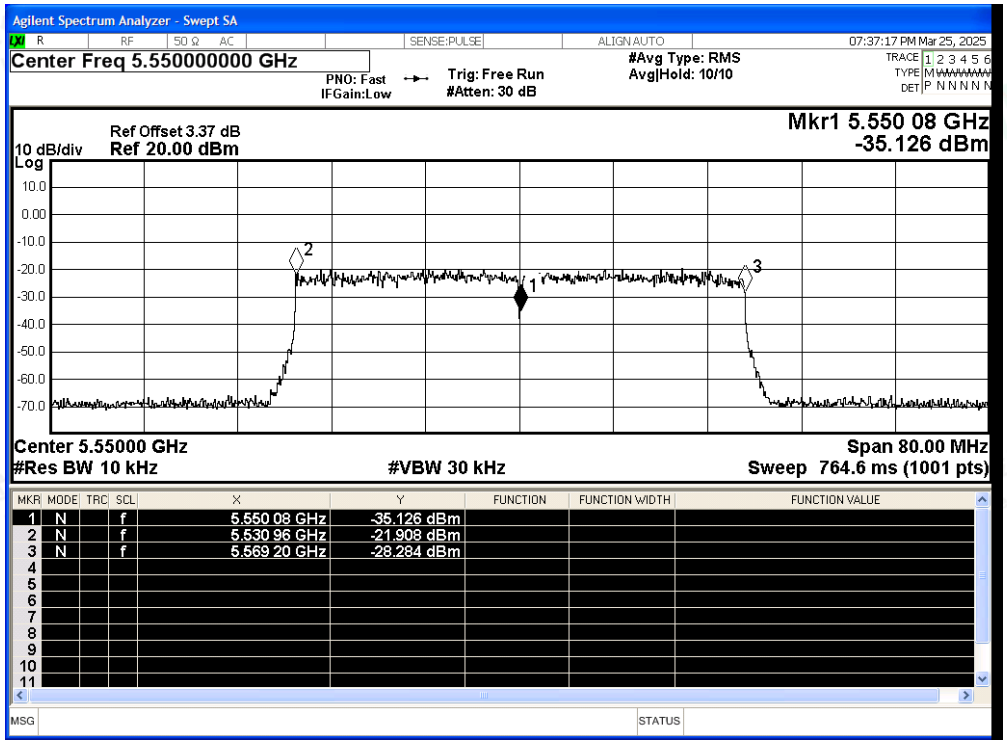
Freq. Stability NVNT ax20 5700MHz Ant3



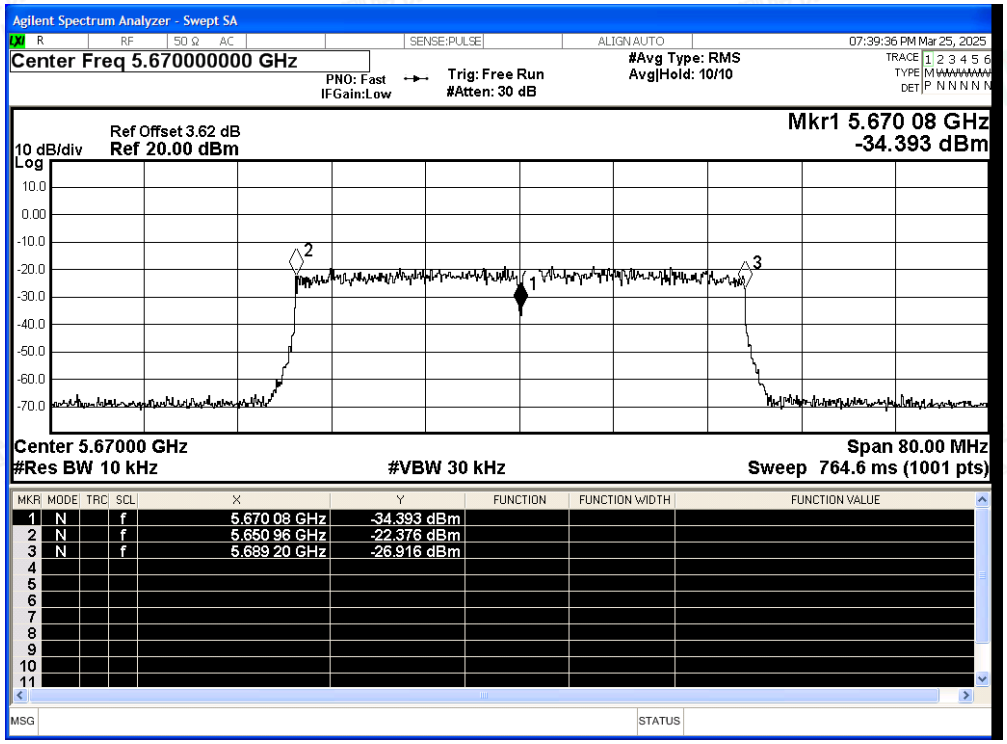
Freq. Stability NVNT ax40 5510MHz Ant3



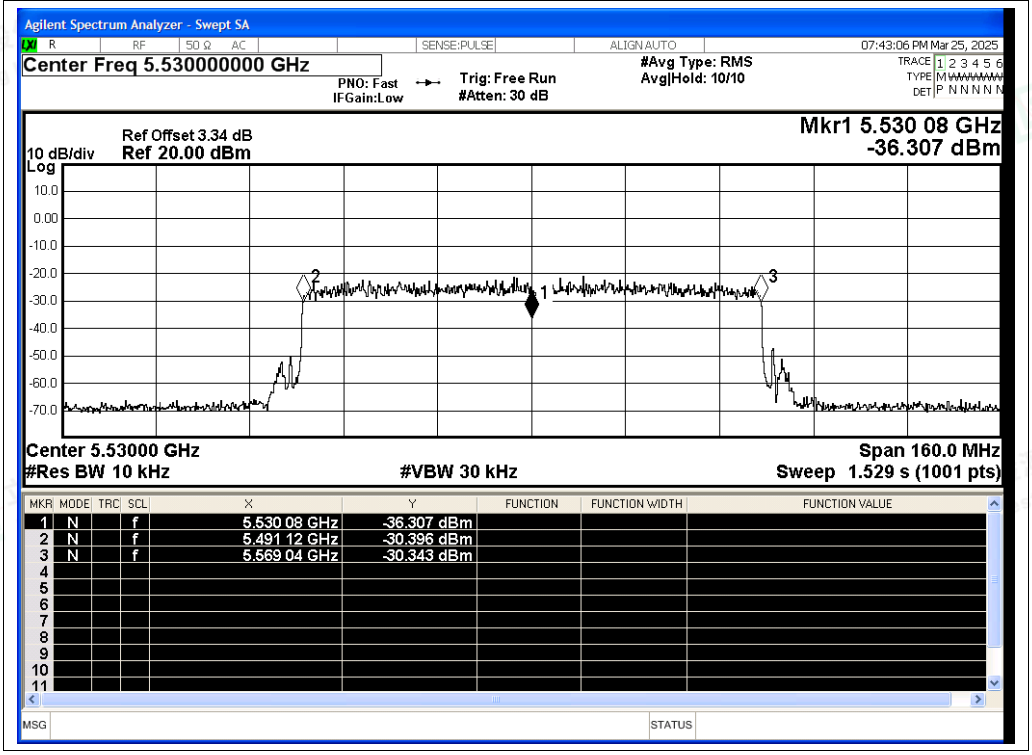
Freq. Stability NVNT ax40 5550MHz Ant3



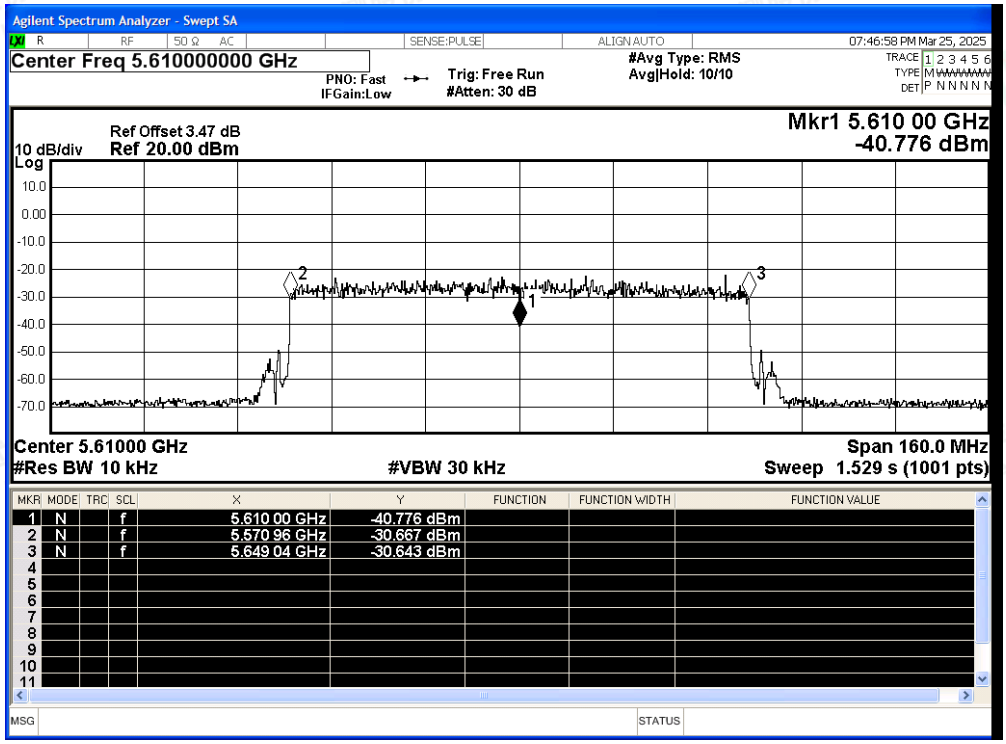
Freq. Stability NVNT ax40 5670MHz Ant3



Freq. Stability NVNT ax80 5530MHz Ant3



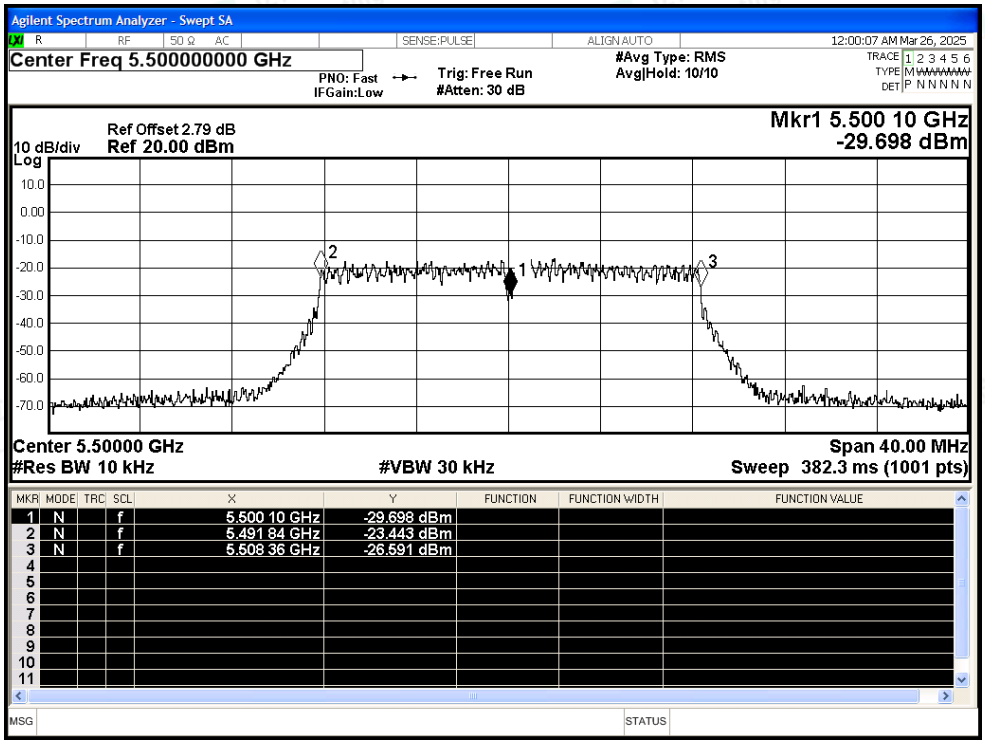
Freq. Stability NVNT ax80 5610MHz Ant3



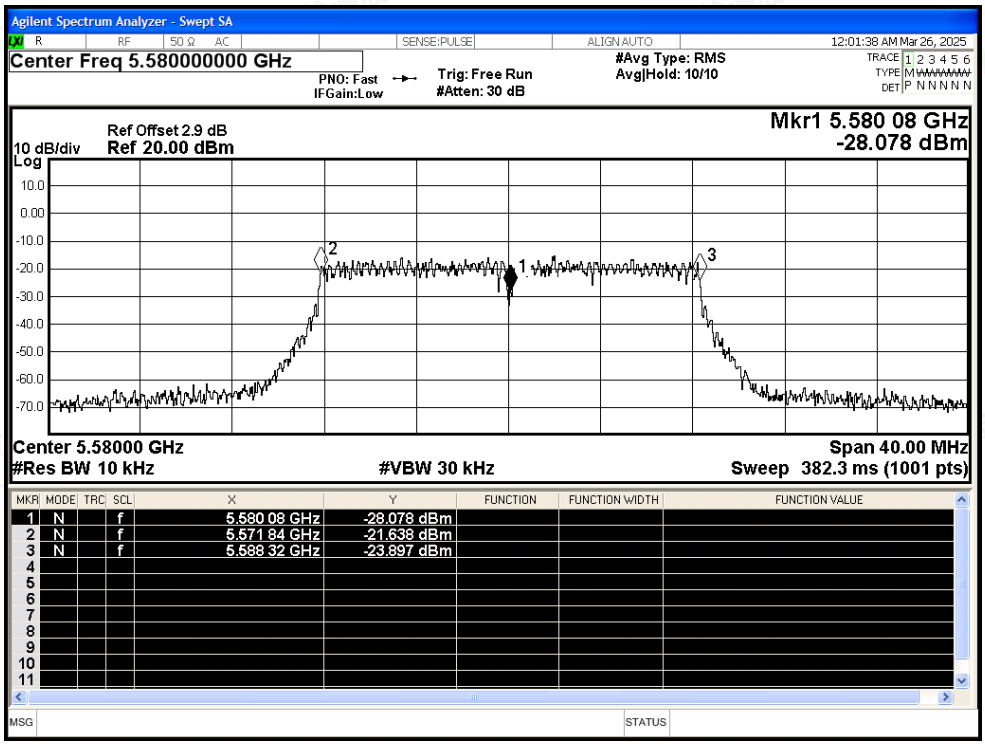
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	a	5500	Ant4	5500.1	100000	18.18	25	Pass
NVNT	a	5580	Ant4	5580.08	80000	14.34	25	Pass
NVNT	a	5700	Ant4	5700.08	80000	14.04	25	Pass
NVNT	n20	5500	Ant4	5500.06	60000	10.91	25	Pass
NVNT	n20	5580	Ant4	5580.06	60000	10.75	25	Pass
NVNT	n20	5700	Ant4	5700.08	80000	14.04	25	Pass
NVNT	n40	5510	Ant4	5510.12	120000	21.78	25	Pass
NVNT	n40	5550	Ant4	5550.08	80000	14.41	25	Pass
NVNT	n40	5670	Ant4	5670	0	0	25	Pass
NVNT	ac20	5500	Ant4	5500.1	100000	18.18	25	Pass
NVNT	ac20	5580	Ant4	5580.06	60000	10.75	25	Pass
NVNT	ac20	5700	Ant4	5700.1	100000	17.54	25	Pass
NVNT	ac40	5510	Ant4	5510.08	80000	14.52	25	Pass
NVNT	ac40	5550	Ant4	5550.04	40000	7.21	25	Pass
NVNT	ac40	5670	Ant4	5670.08	80000	14.11	25	Pass
NVNT	ac80	5530	Ant4	5530.08	80000	14.47	25	Pass
NVNT	ac80	5610	Ant4	5610.08	80000	14.26	25	Pass
NVNT	ax20	5500	Ant4	5500.08	80000	14.55	25	Pass
NVNT	ax20	5580	Ant4	5580.08	80000	14.34	25	Pass
NVNT	ax20	5700	Ant4	5700.08	80000	14.04	25	Pass
NVNT	ax40	5510	Ant4	5510.08	80000	14.52	25	Pass
NVNT	ax40	5550	Ant4	5550.08	80000	14.41	25	Pass
NVNT	ax40	5670	Ant4	5670.08	80000	14.11	25	Pass
NVNT	ax80	5530	Ant4	5530.08	80000	14.47	25	Pass
NVNT	ax80	5610	Ant4	5610.08	80000	14.26	25	Pass

Test Graphs

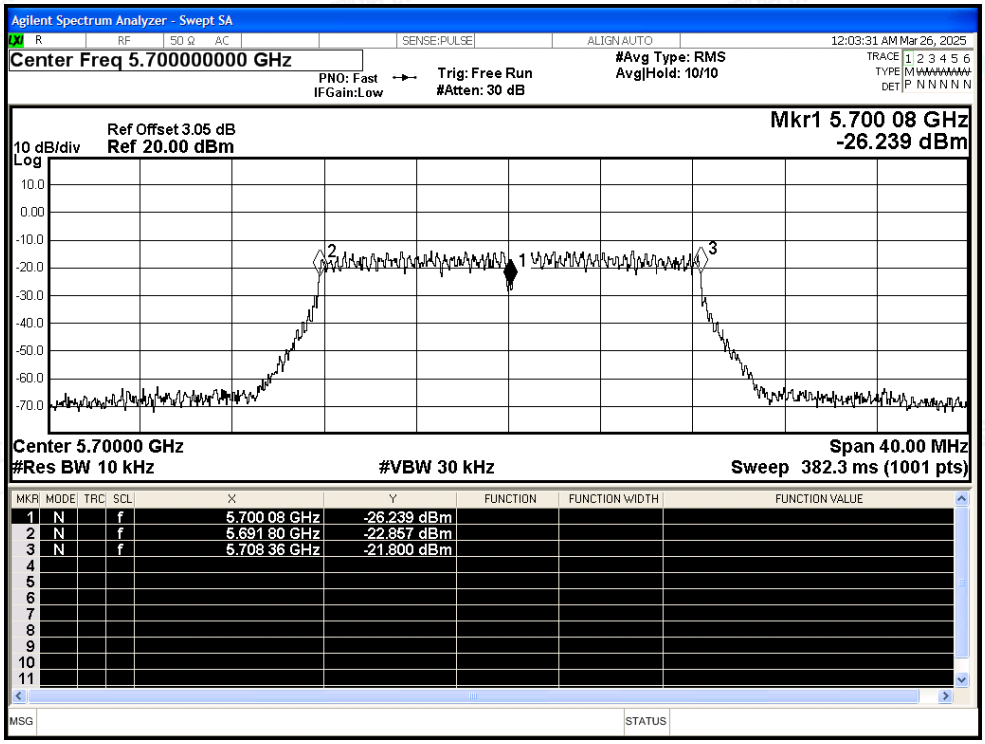
Freq. Stability NVNT a 5500MHz Ant4



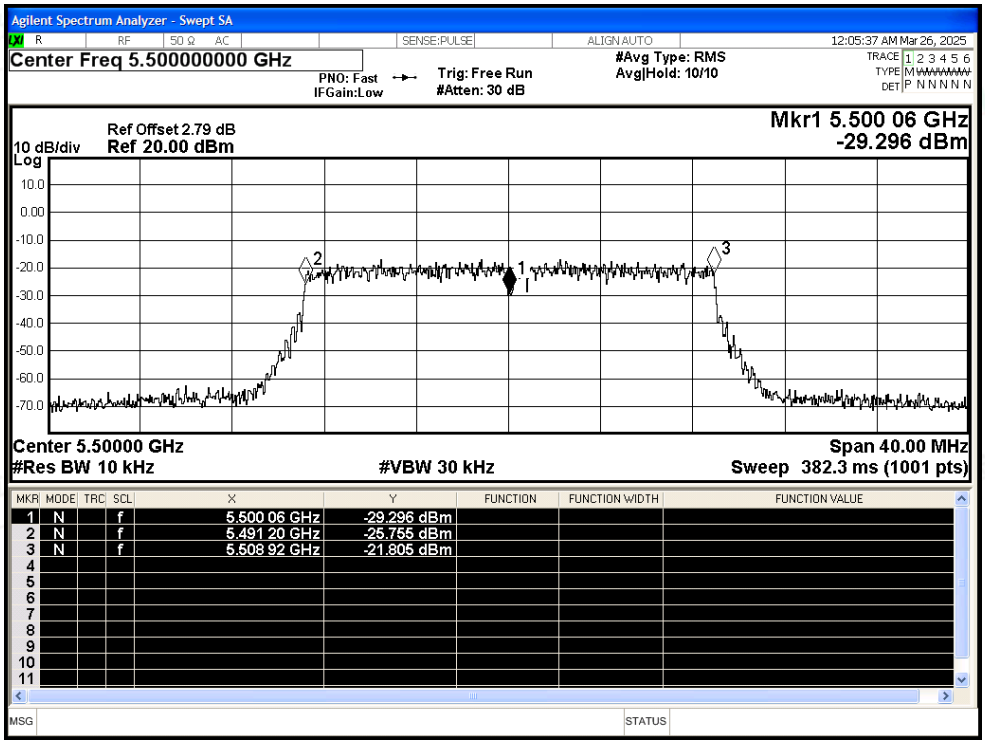
Freq. Stability NVNT a 5580MHz Ant4



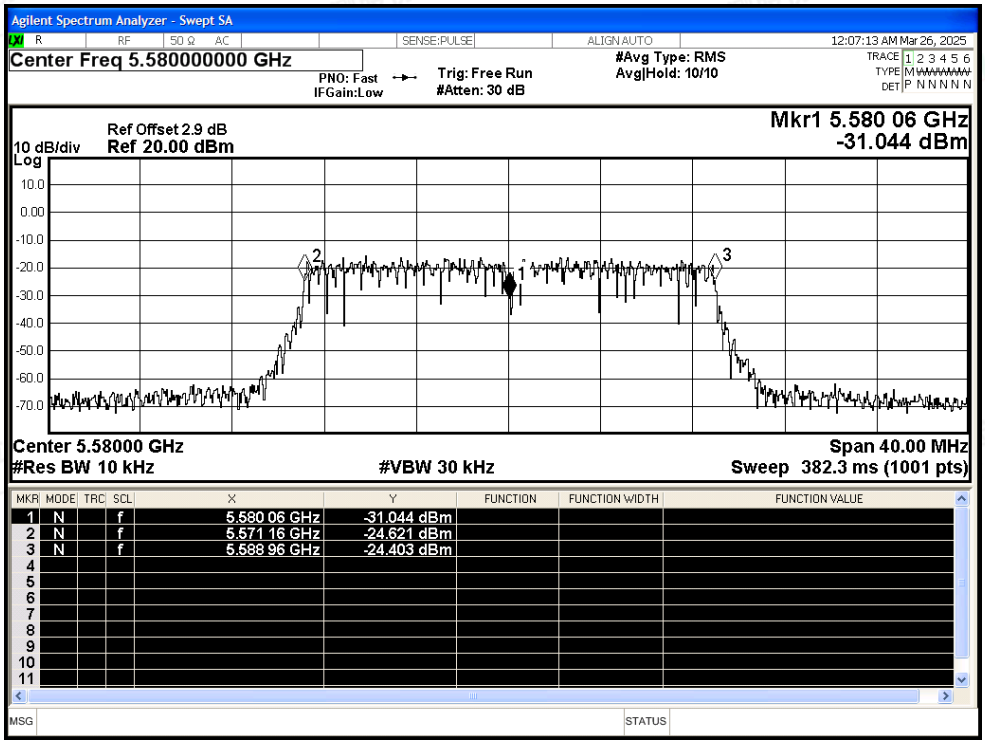
Freq. Stability NVNT a 5700MHz Ant4



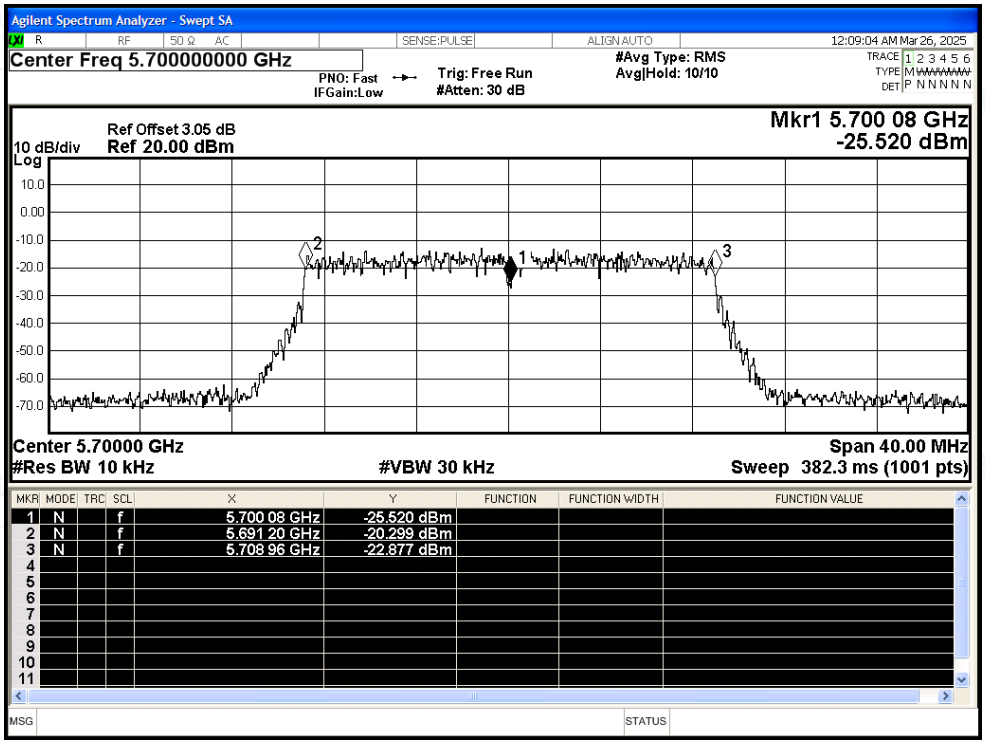
Freq. Stability NVNT n20 5500MHz Ant4



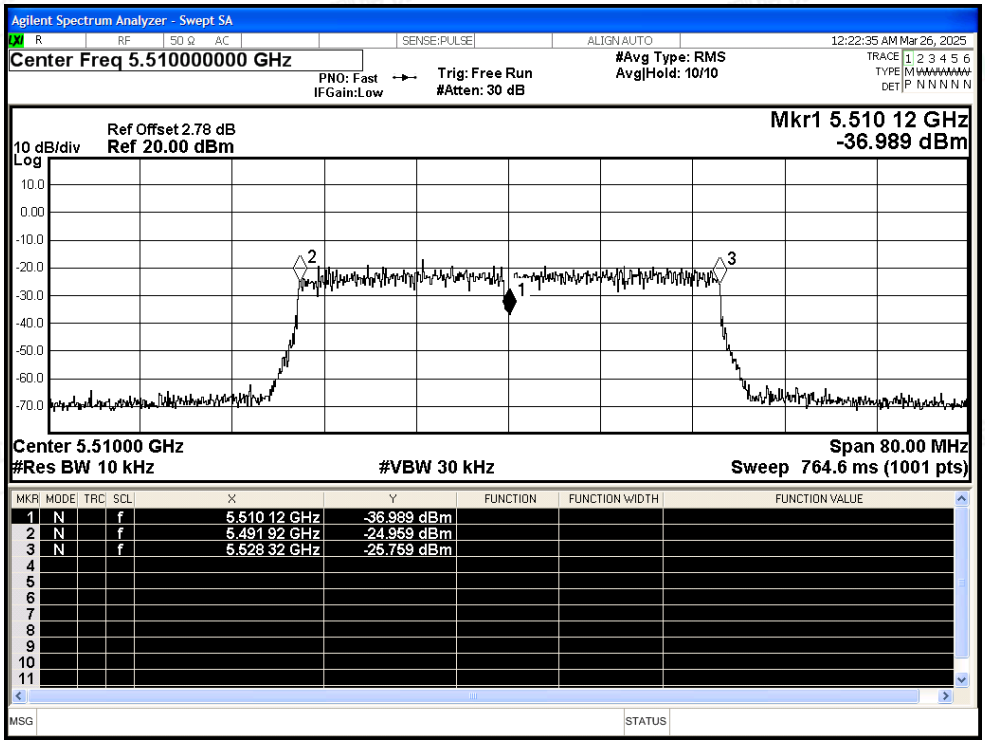
Freq. Stability NVNT n20 5580MHz Ant4



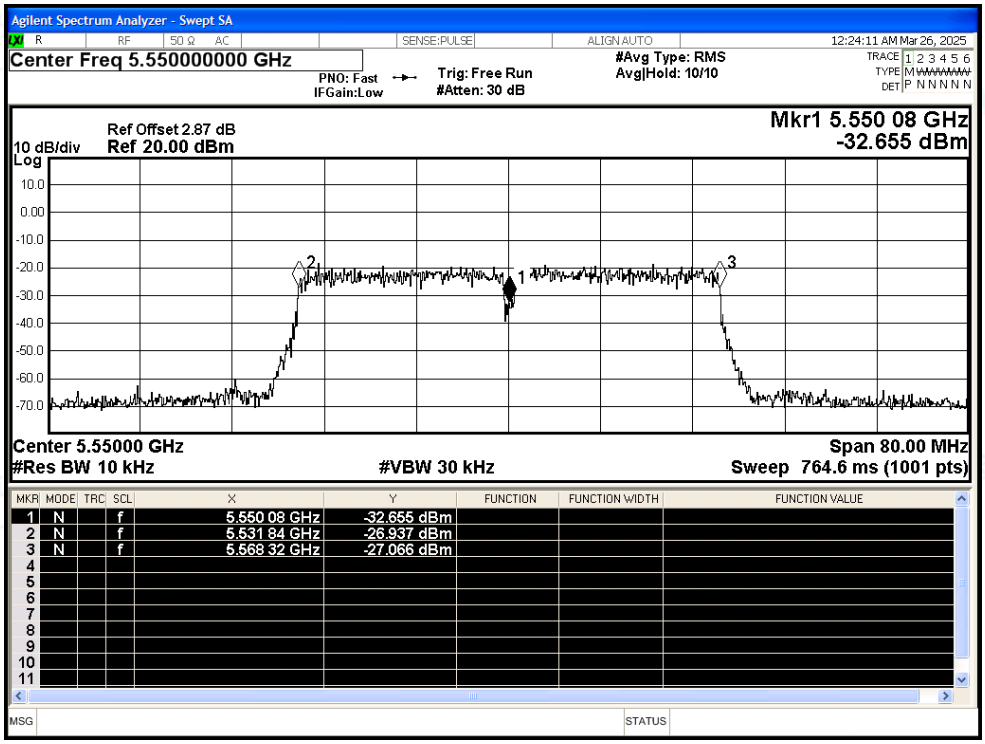
Freq. Stability NVNT n20 5700MHz Ant4



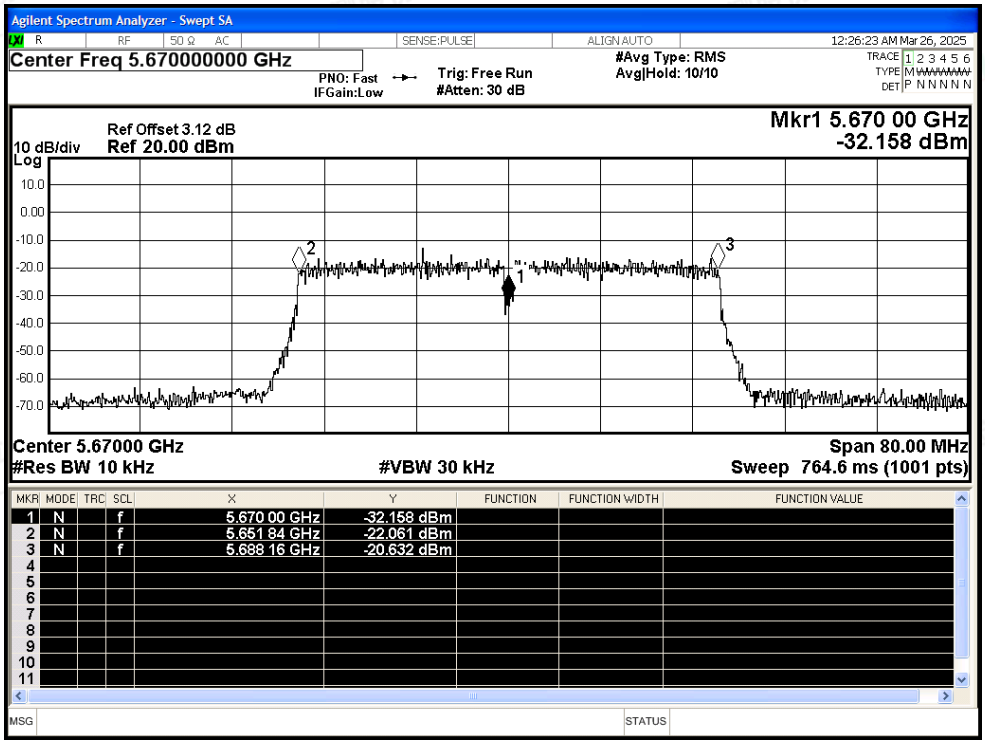
Freq. Stability NVNT n40 5510MHz Ant4



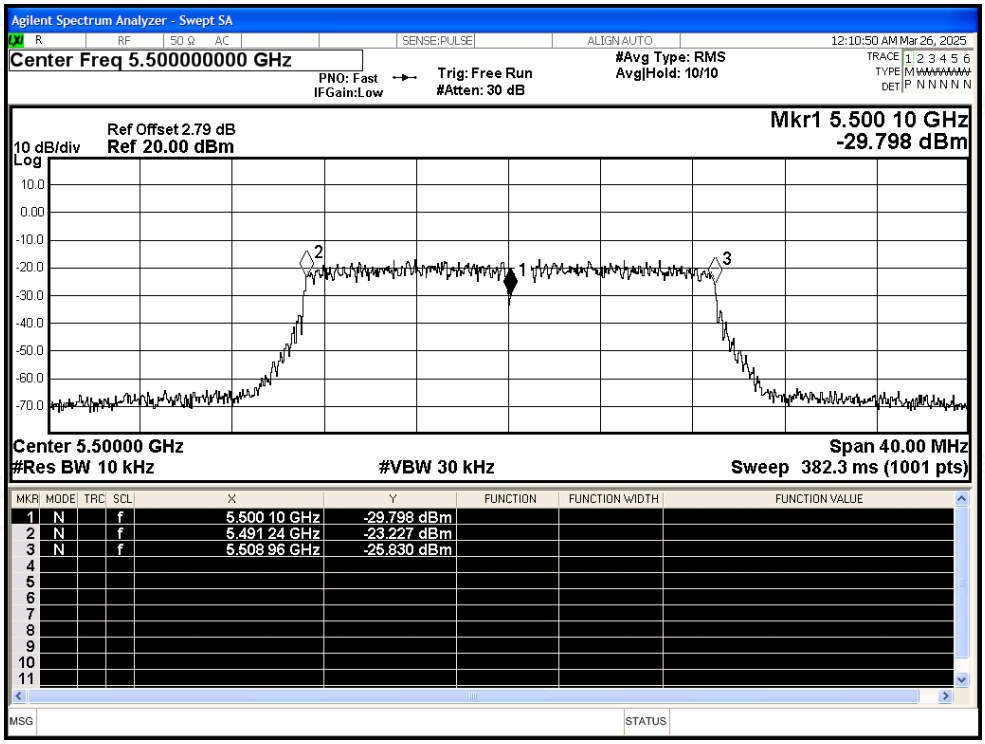
Freq. Stability NVNT n40 5550MHz Ant4



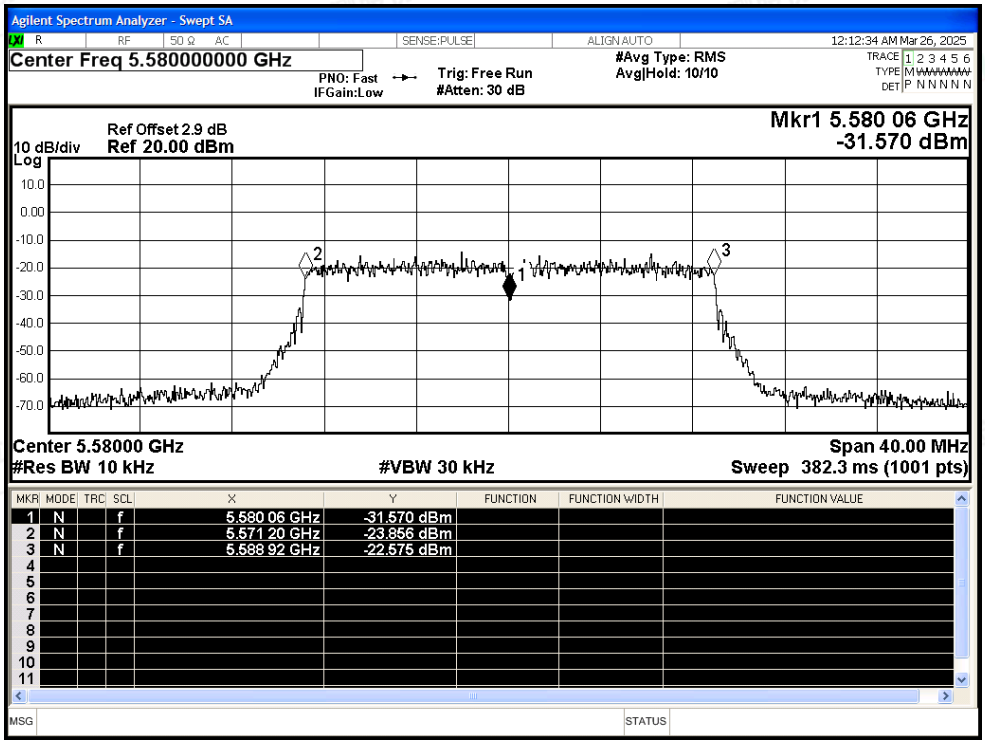
Freq. Stability NVNT n40 5670MHz Ant4



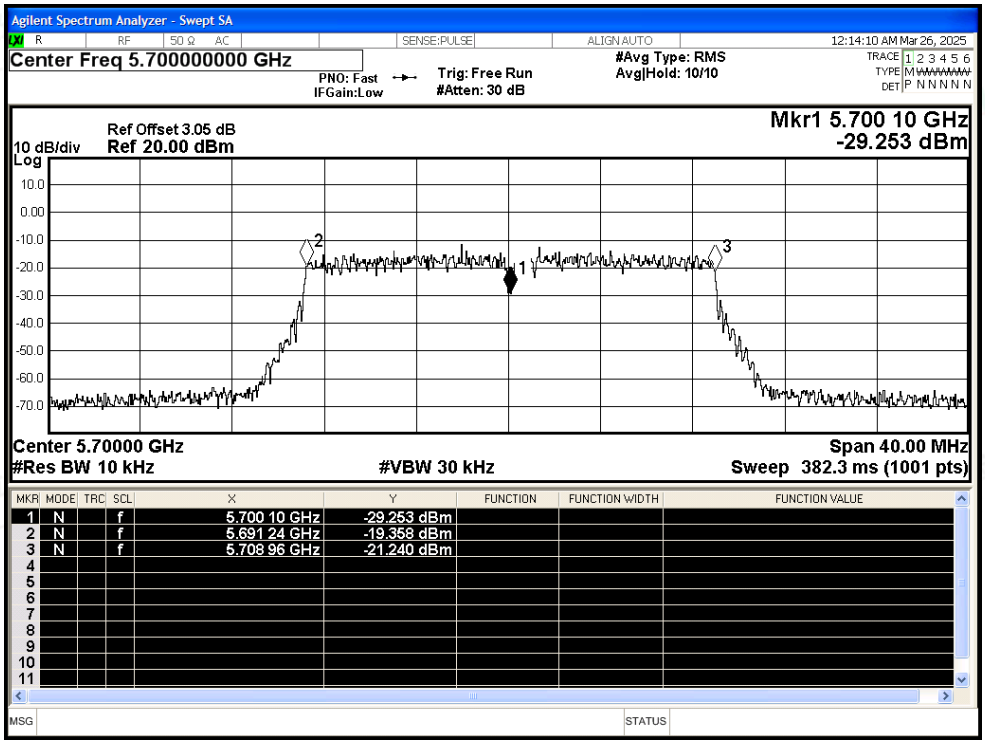
Freq. Stability NVNT ac20 5500MHz Ant4



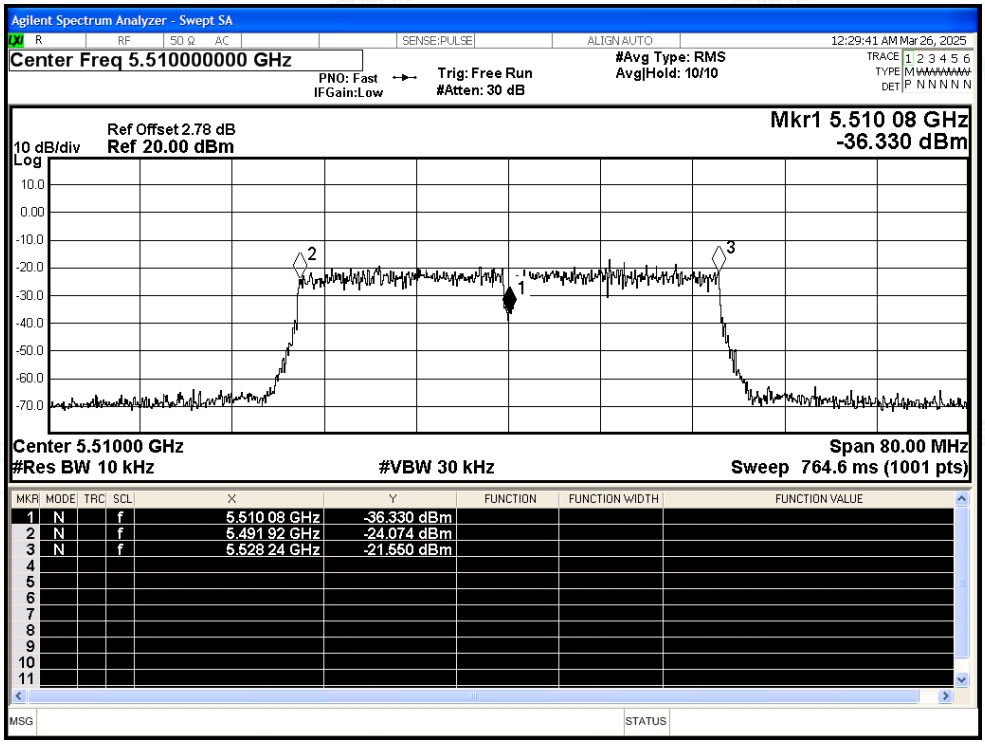
Freq. Stability NVNT ac20 5580MHz Ant4



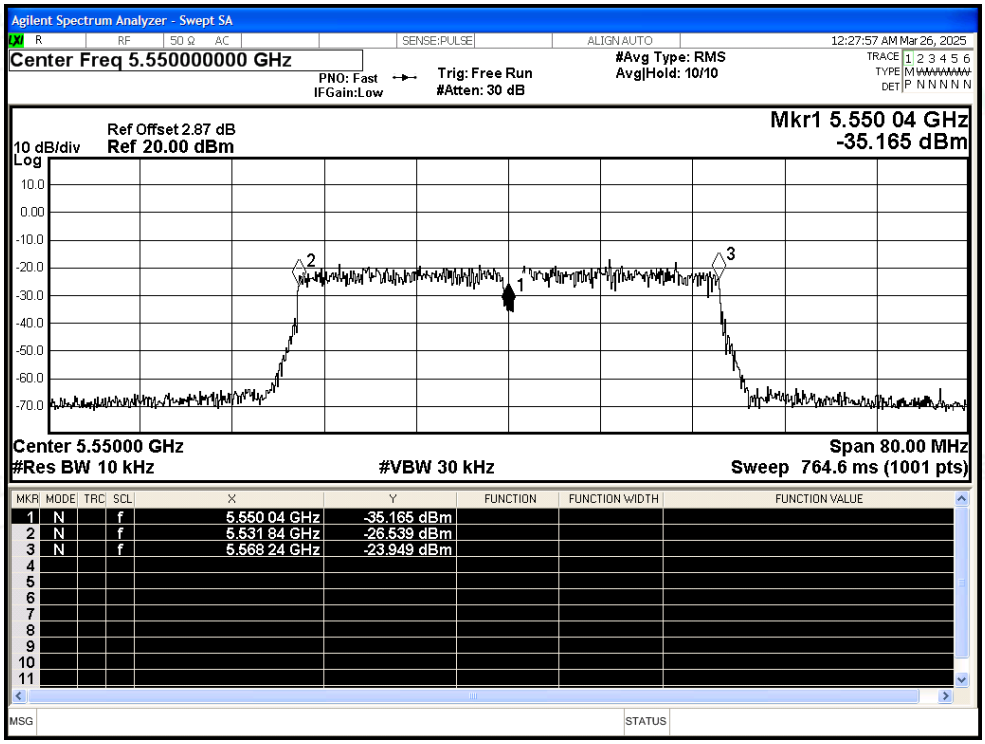
Freq. Stability NVNT ac20 5700MHz Ant4



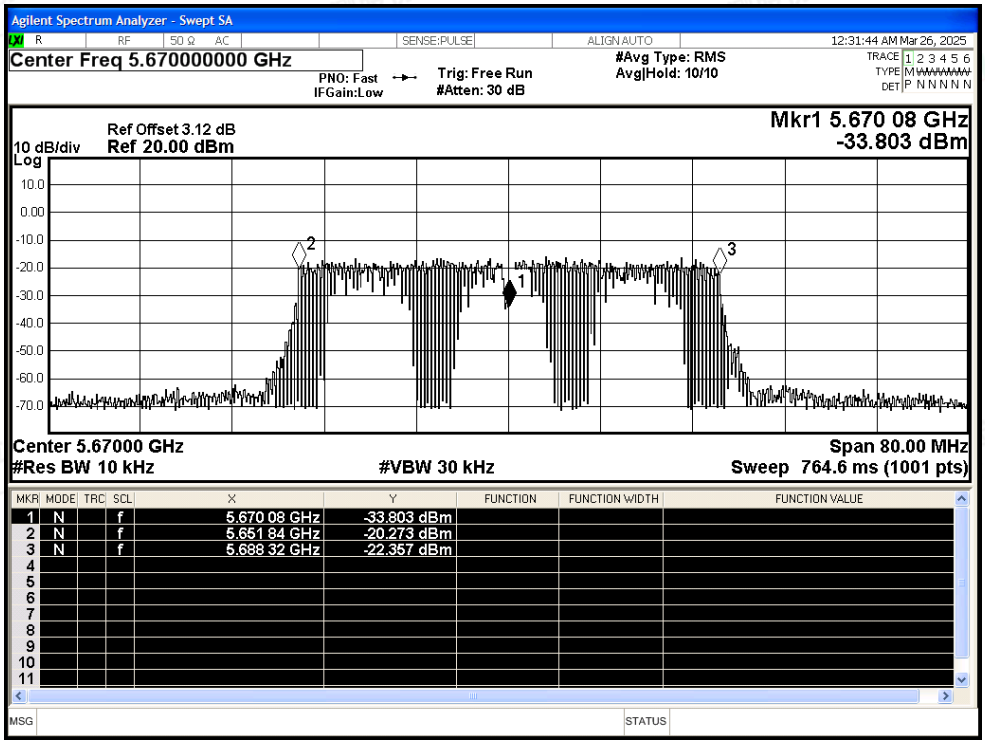
Freq. Stability NVNT ac40 5510MHz Ant4



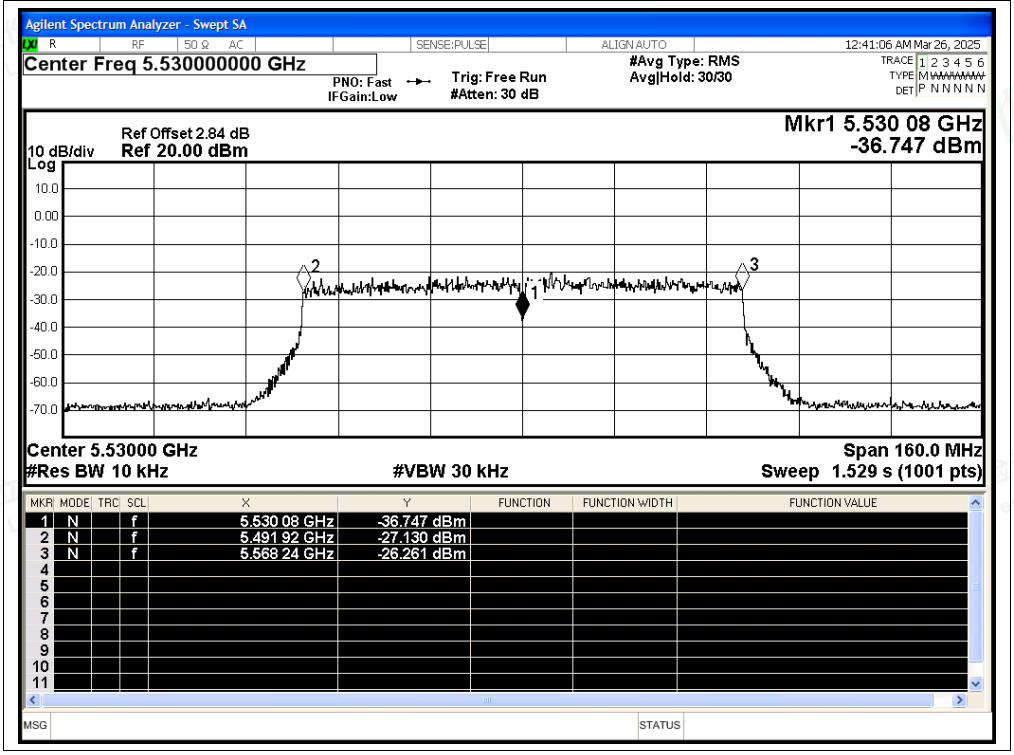
Freq. Stability NVNT ac40 5550MHz Ant4



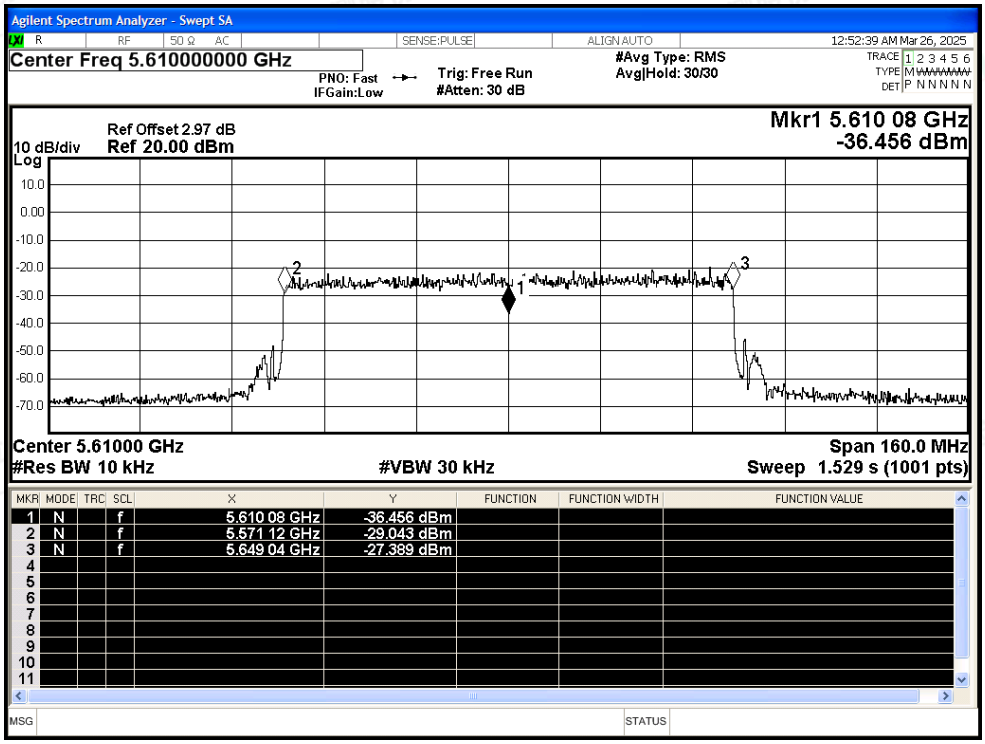
Freq. Stability NVNT ac40 5670MHz Ant4



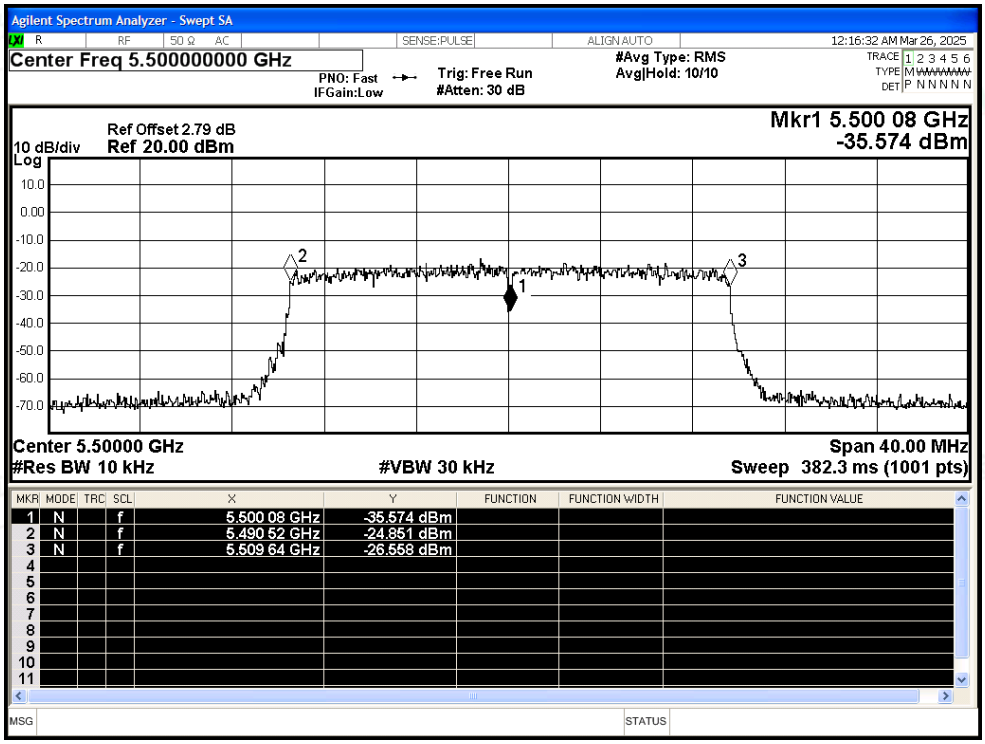
Freq. Stability NVNT ac80 5530MHz Ant4



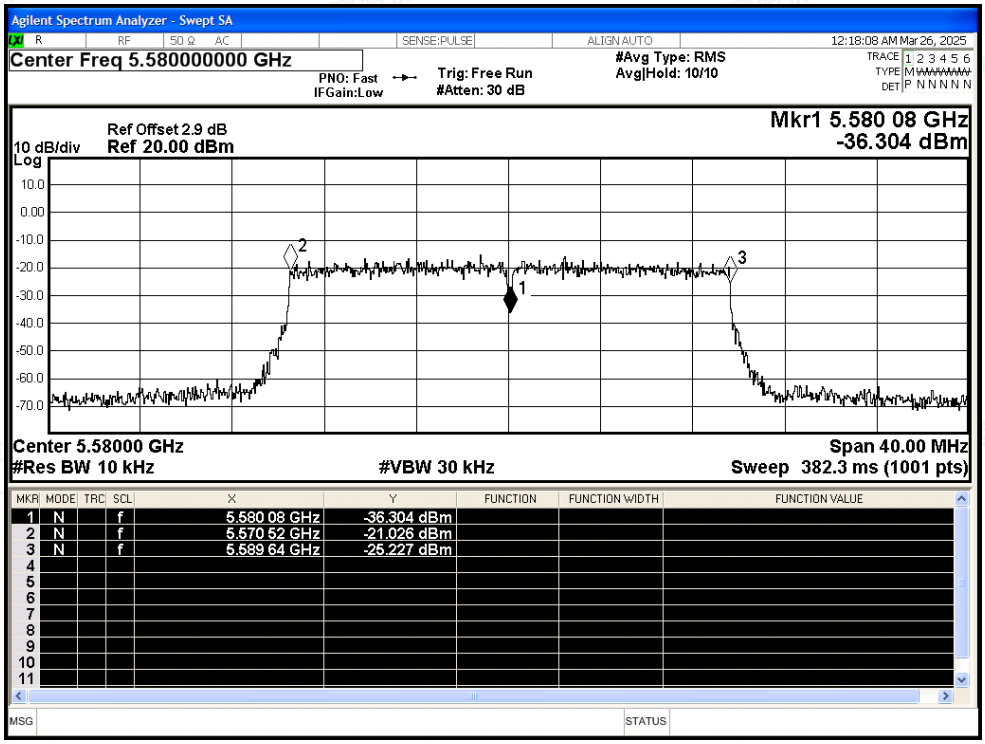
Freq. Stability NVNT ac80 5610MHz Ant4



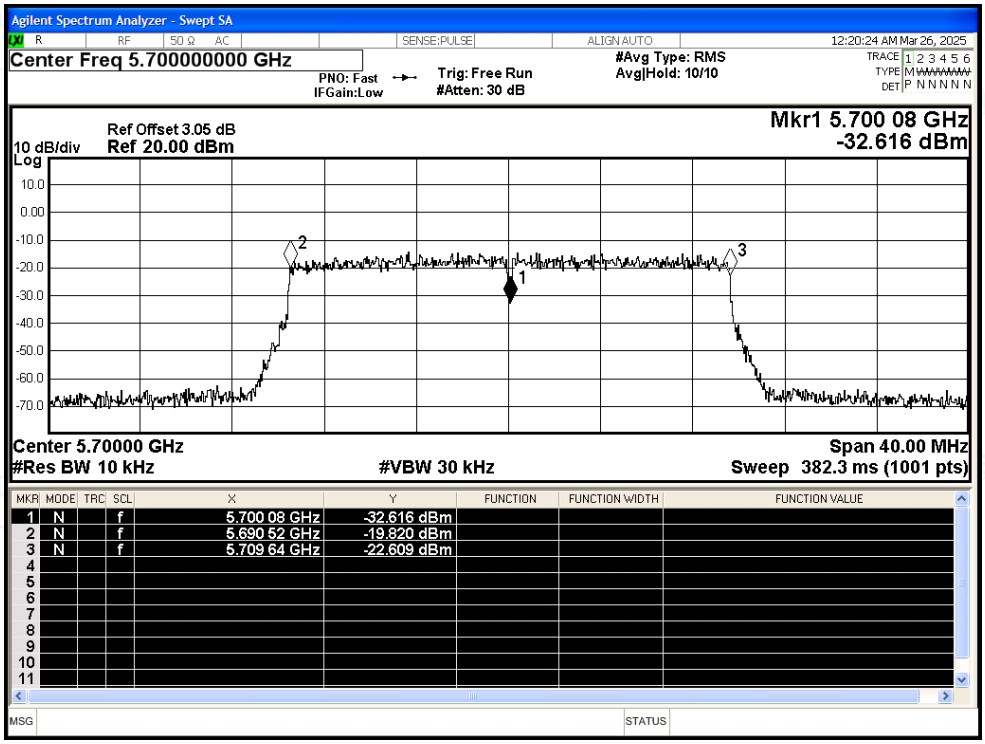
Freq. Stability NVNT ax20 5500MHz Ant4



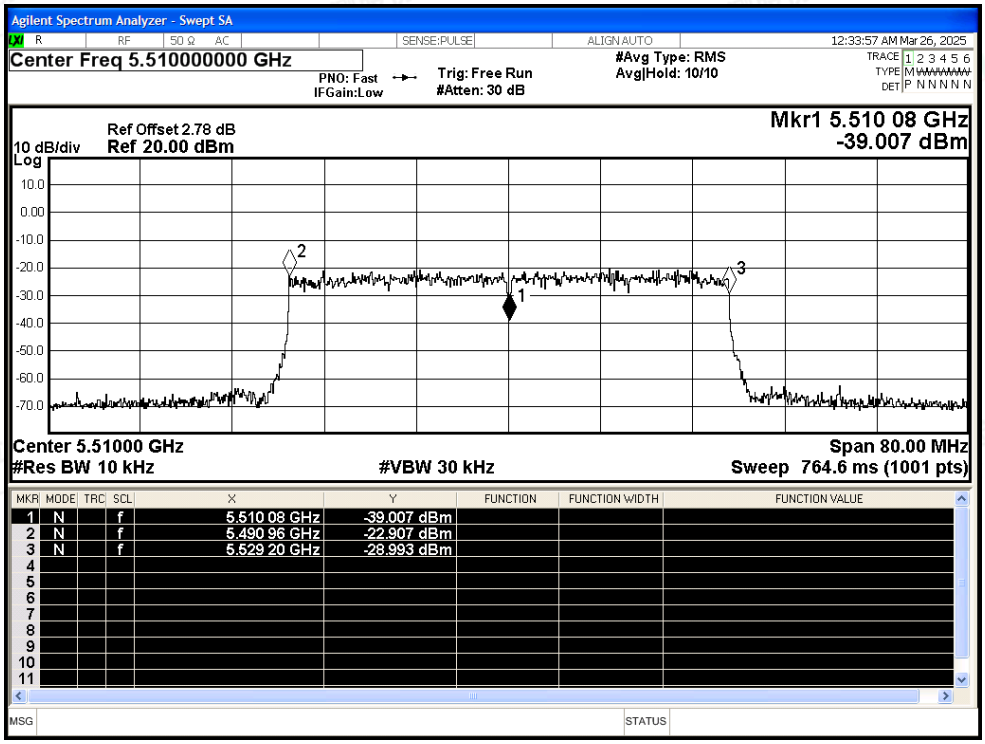
Freq. Stability NVNT ax20 5580MHz Ant4



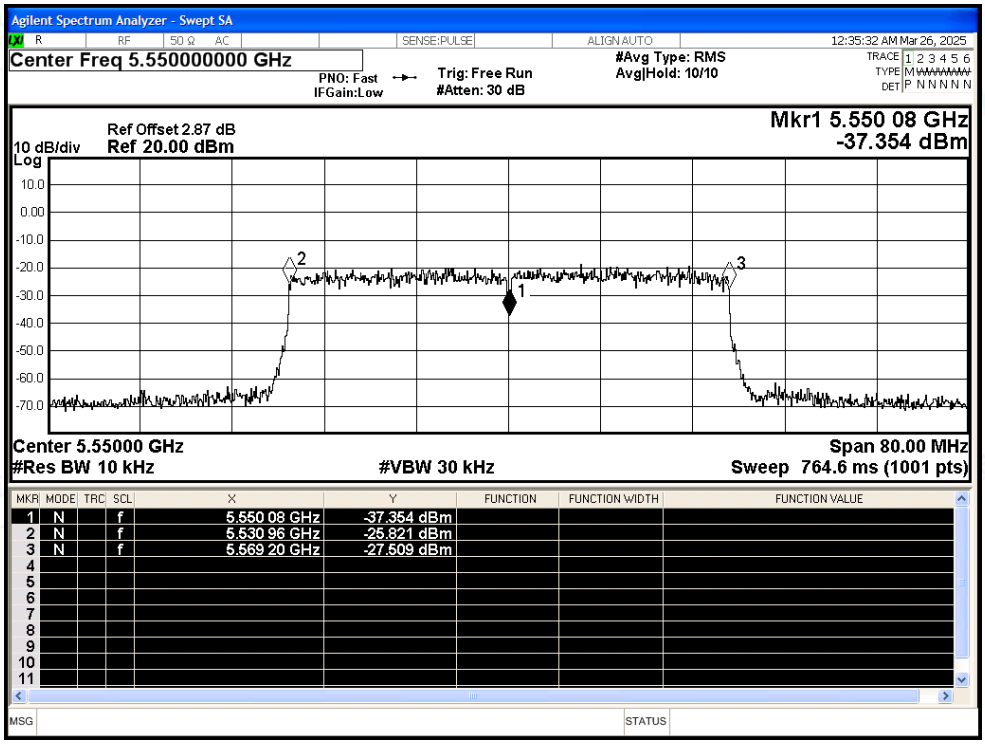
Freq. Stability NVNT ax20 5700MHz Ant4



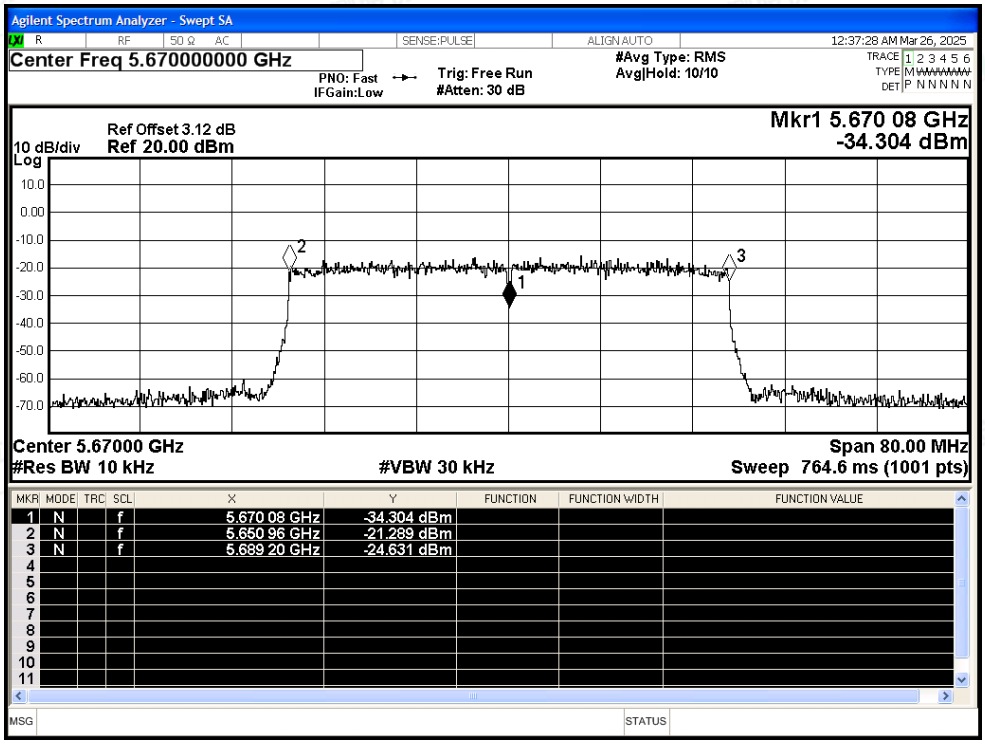
Freq. Stability NVNT ax40 5510MHz Ant4



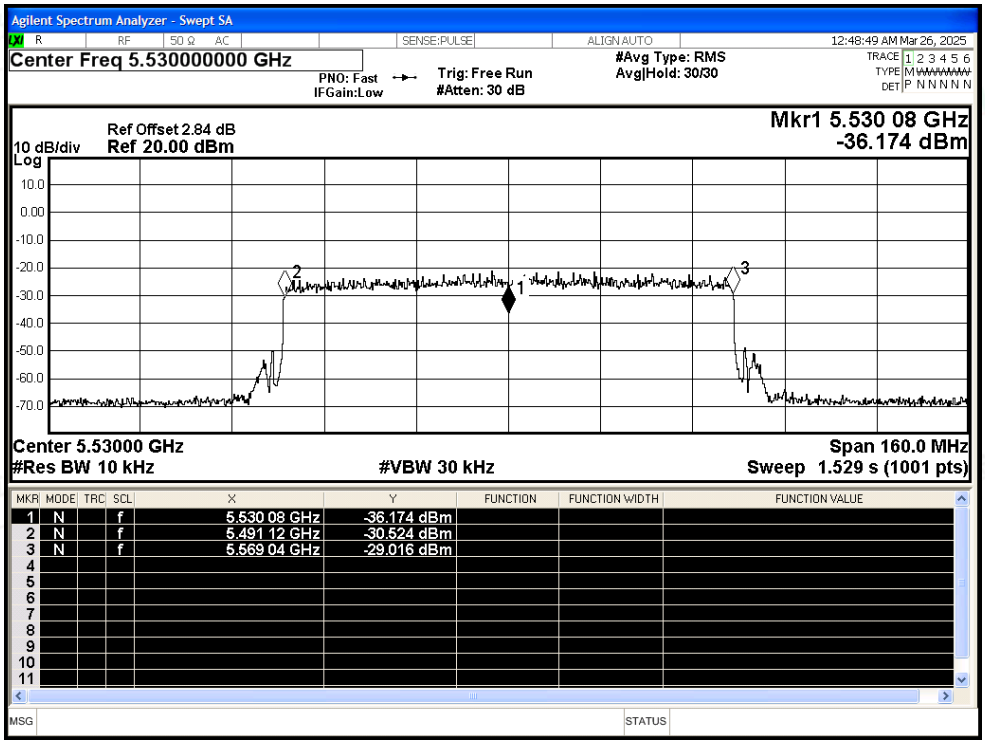
Freq. Stability NVNT ax40 5550MHz Ant4



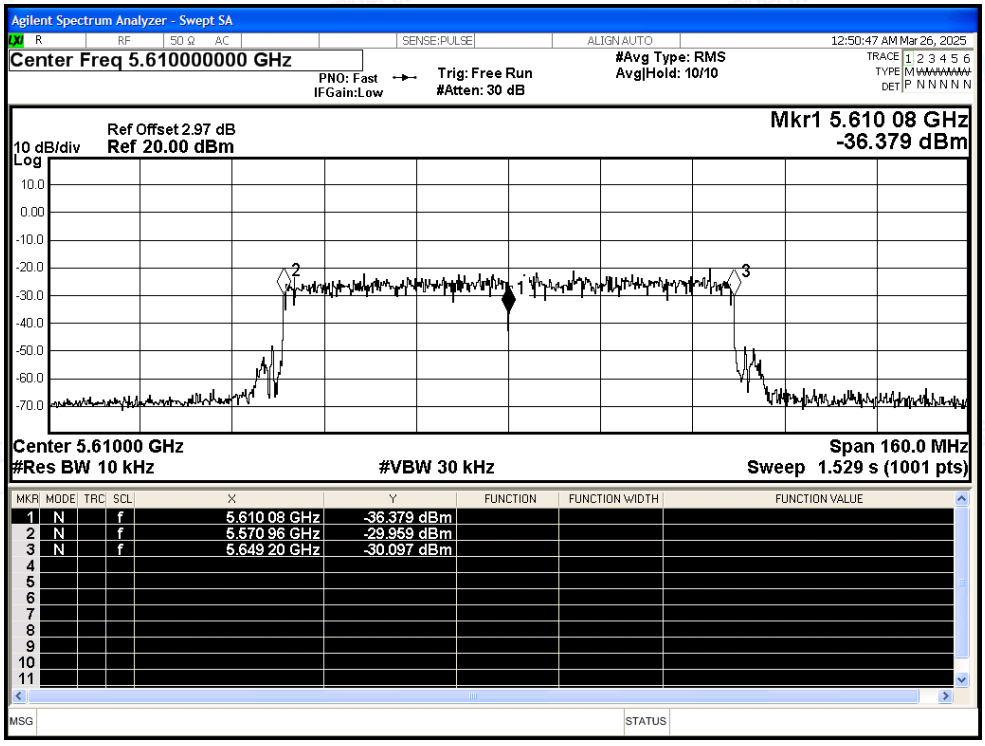
Freq. Stability NVNT ax40 5670MHz Ant4



Freq. Stability NVNT ax80 5530MHz Ant4



Freq. Stability NVNT ax80 5610MHz Ant4

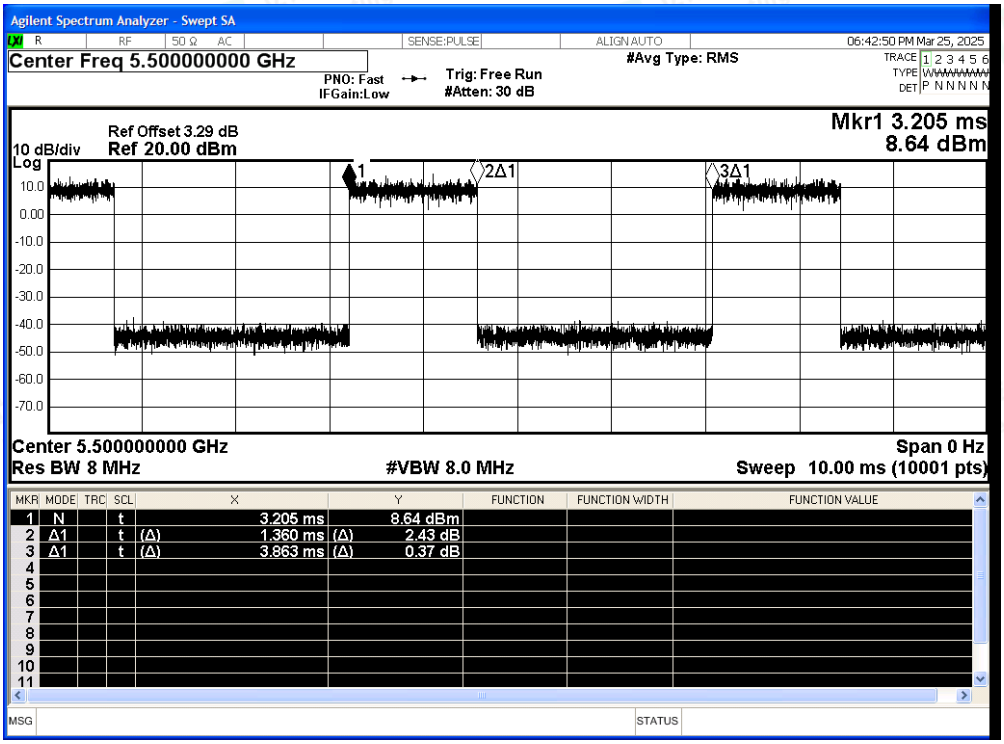


D.6 Duty Cycle

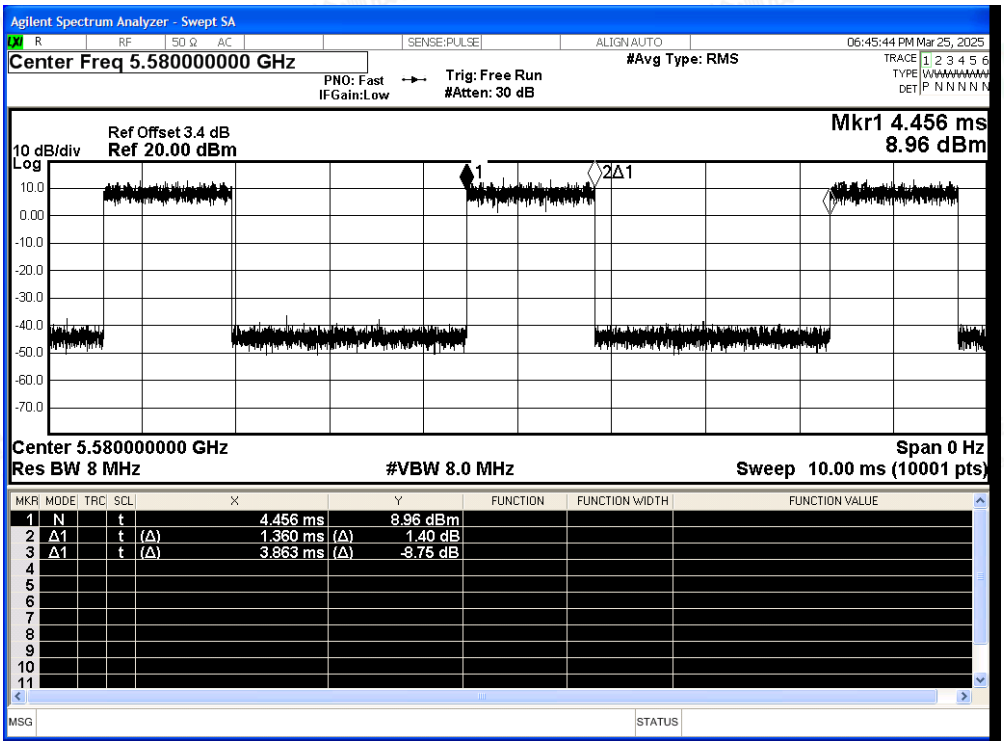
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5500	Ant3	35.21	4.53	0.74
NVNT	a	5580	Ant3	35.21	4.53	0.74
NVNT	a	5700	Ant3	35.21	4.53	0.74
NVNT	n20	5500	Ant3	31.46	5.02	0.87
NVNT	n20	5580	Ant3	31.46	5.02	0.87
NVNT	n20	5700	Ant3	31.47	5.02	0.87
NVNT	n40	5510	Ant3	18.67	7.29	1.74
NVNT	n40	5550	Ant3	18.63	7.3	1.75
NVNT	n40	5670	Ant3	18.63	7.3	1.75
NVNT	ac20	5500	Ant3	31.54	5.01	0.87
NVNT	ac20	5580	Ant3	31.54	5.01	0.87
NVNT	ac20	5700	Ant3	31.54	5.01	0.87
NVNT	ac40	5510	Ant3	18.71	7.28	1.74
NVNT	ac40	5550	Ant3	18.73	7.27	1.73
NVNT	ac40	5670	Ant3	18.73	7.27	1.73
NVNT	ac80	5530	Ant3	10.35	9.85	3.46
NVNT	ac80	5610	Ant3	10.35	9.85	3.46
NVNT	ax20	5500	Ant3	28.29	5.48	1.01
NVNT	ax20	5580	Ant3	28.29	5.48	1.01
NVNT	ax20	5700	Ant3	28.26	5.49	1.01
NVNT	ax40	5510	Ant3	17.2	7.64	1.92
NVNT	ax40	5550	Ant3	17.23	7.64	1.92
NVNT	ax40	5670	Ant3	17.23	7.64	1.92
NVNT	ax80	5530	Ant3	10.03	9.99	3.58
NVNT	ax80	5610	Ant3	10.03	9.99	3.58

Test Graphs

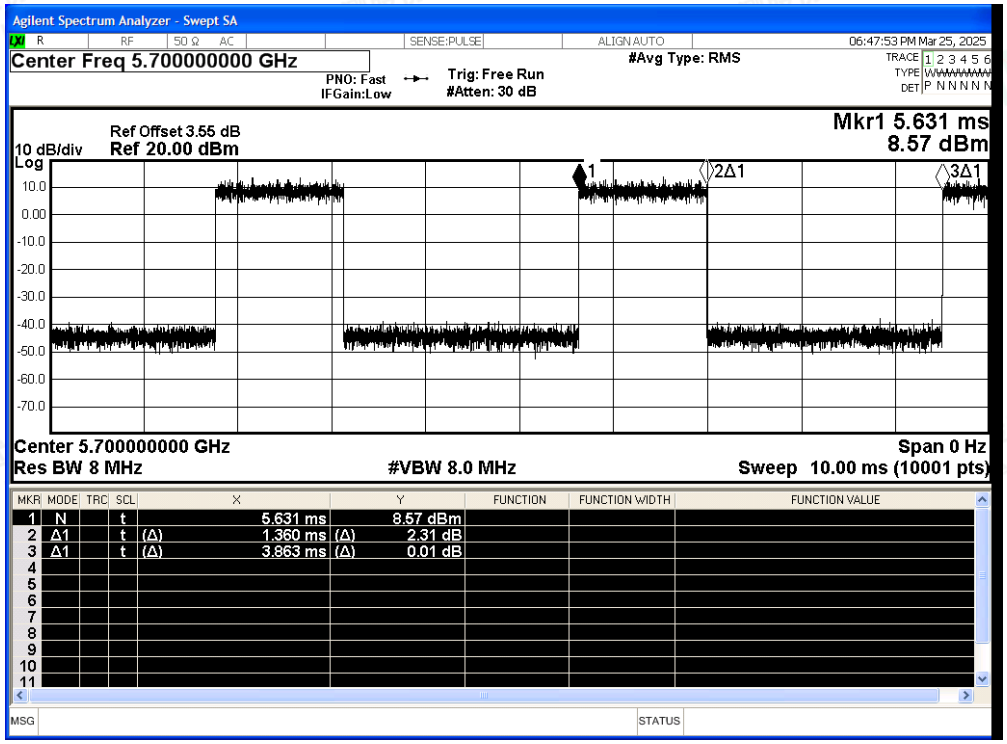
Duty Cycle NVNT a 5500MHz Ant3



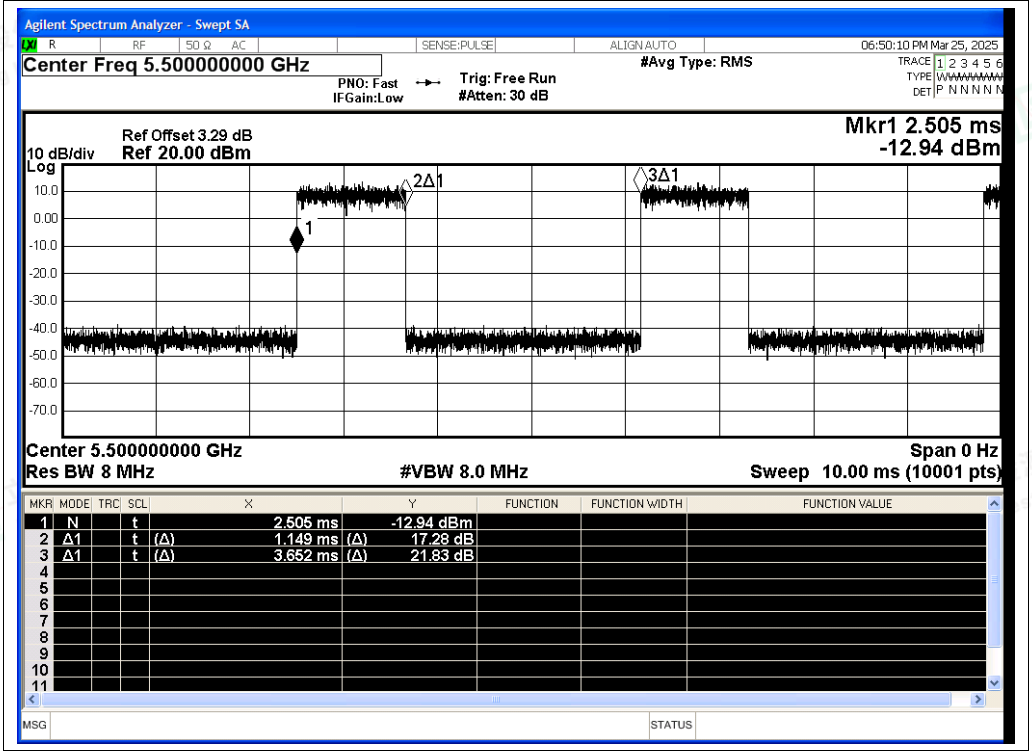
Duty Cycle NVNT a 5580MHz Ant3



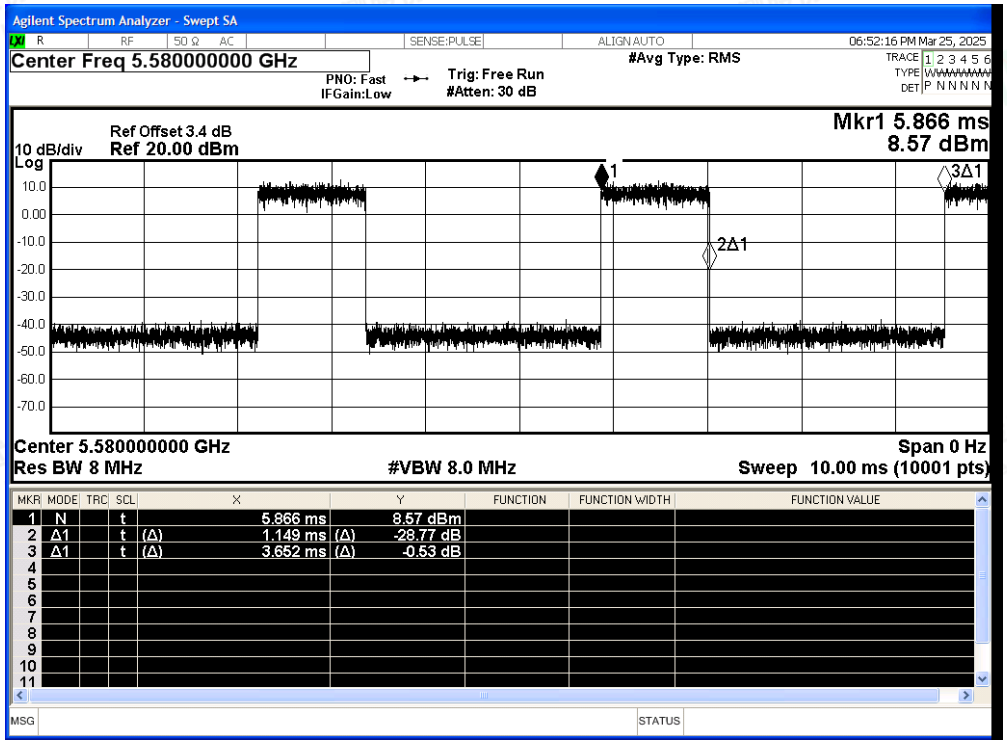
Duty Cycle NVNT a 5700MHz Ant3



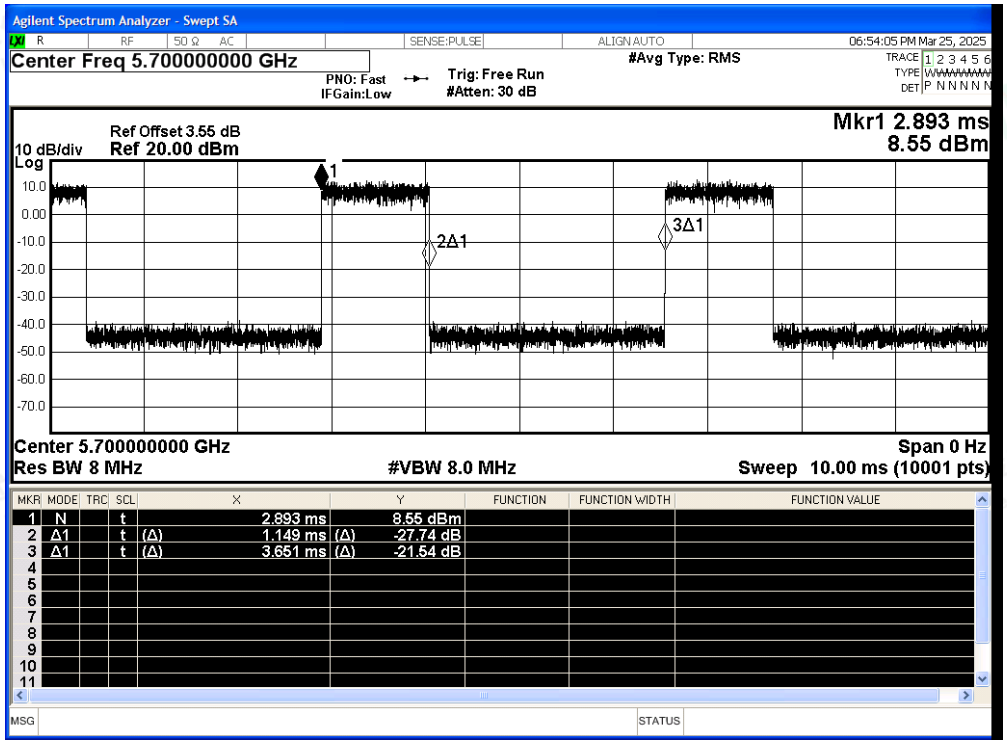
Duty Cycle NVNT n20 5500MHz Ant3



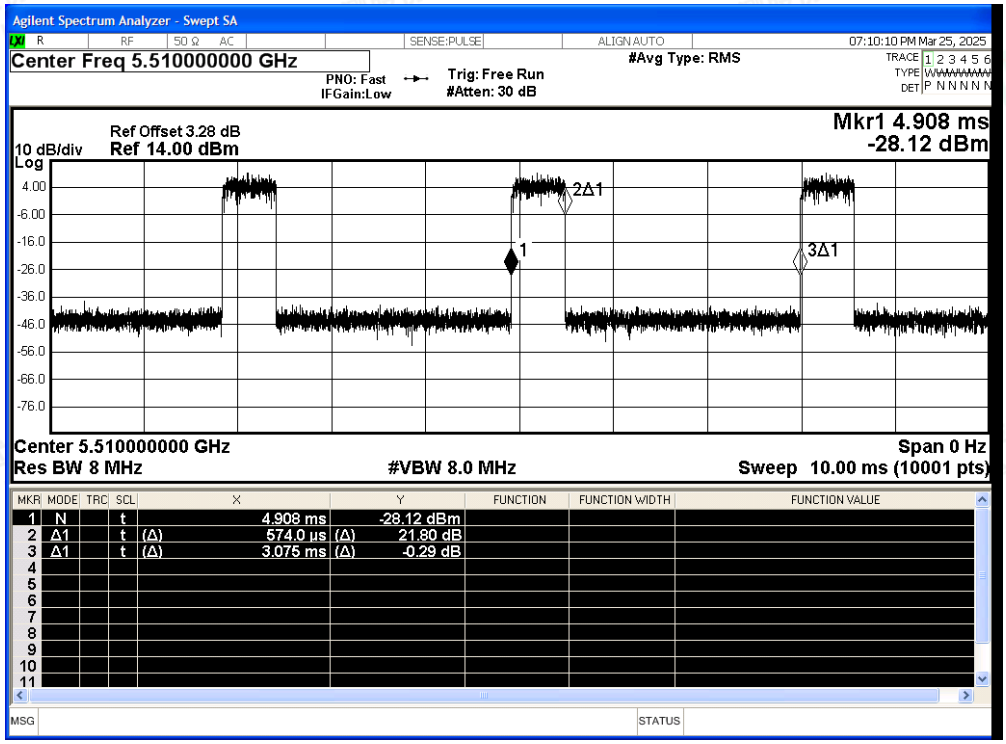
Duty Cycle NVNT n20 5580MHz Ant3



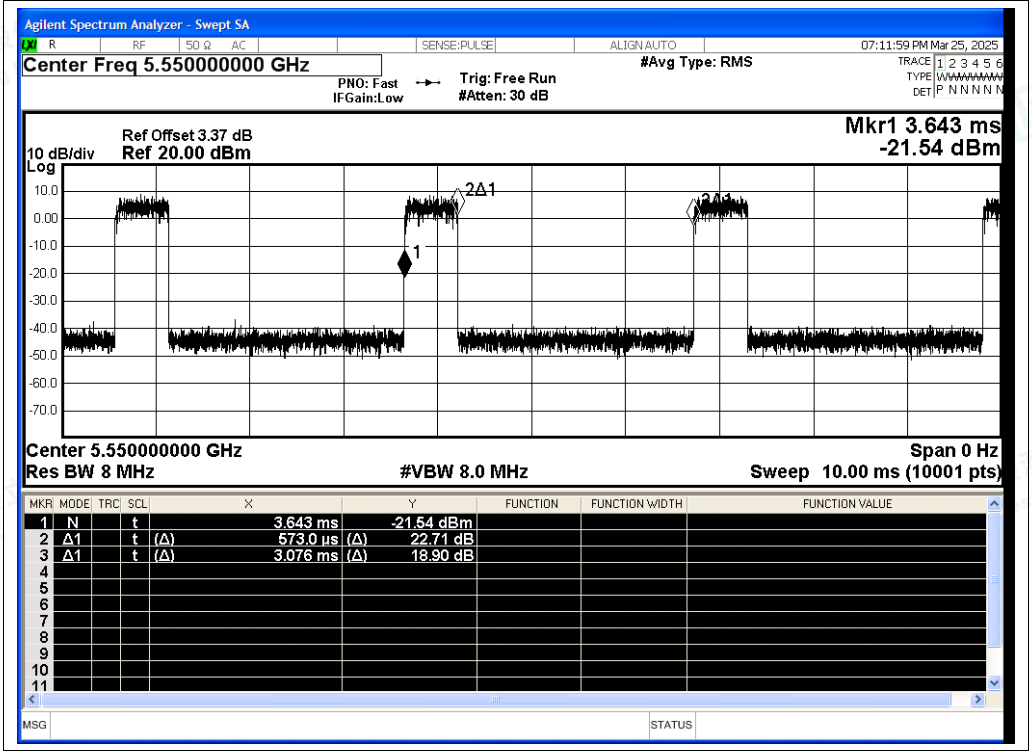
Duty Cycle NVNT n20 5700MHz Ant3



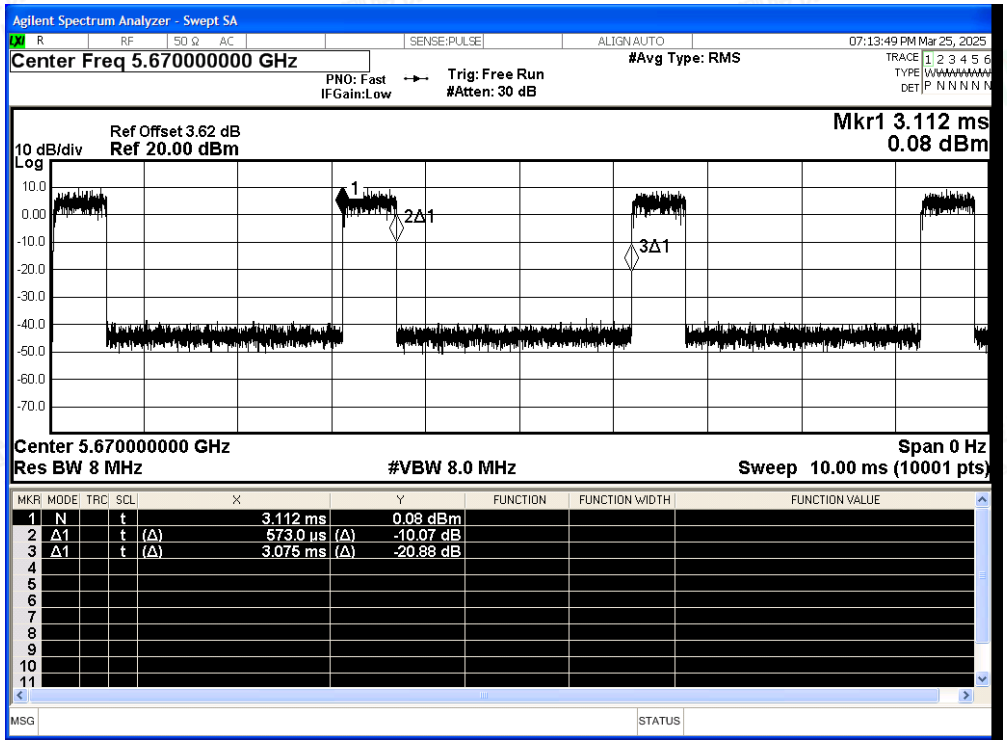
Duty Cycle NVNT n40 5510MHz Ant3



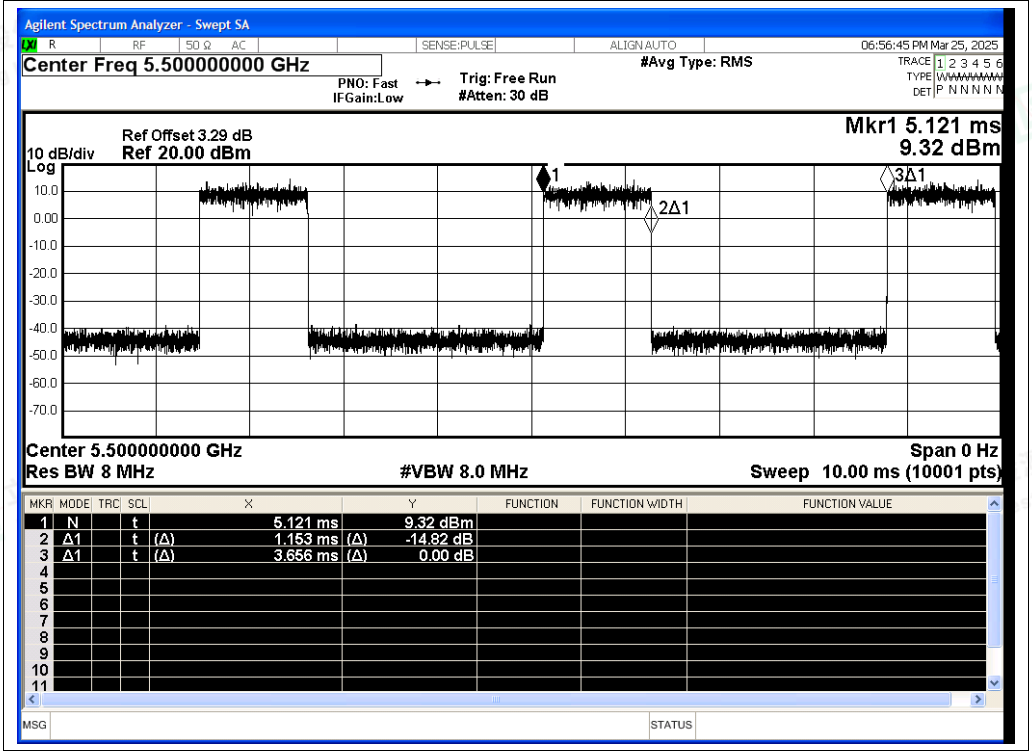
Duty Cycle NVNT n40 5550MHz Ant3



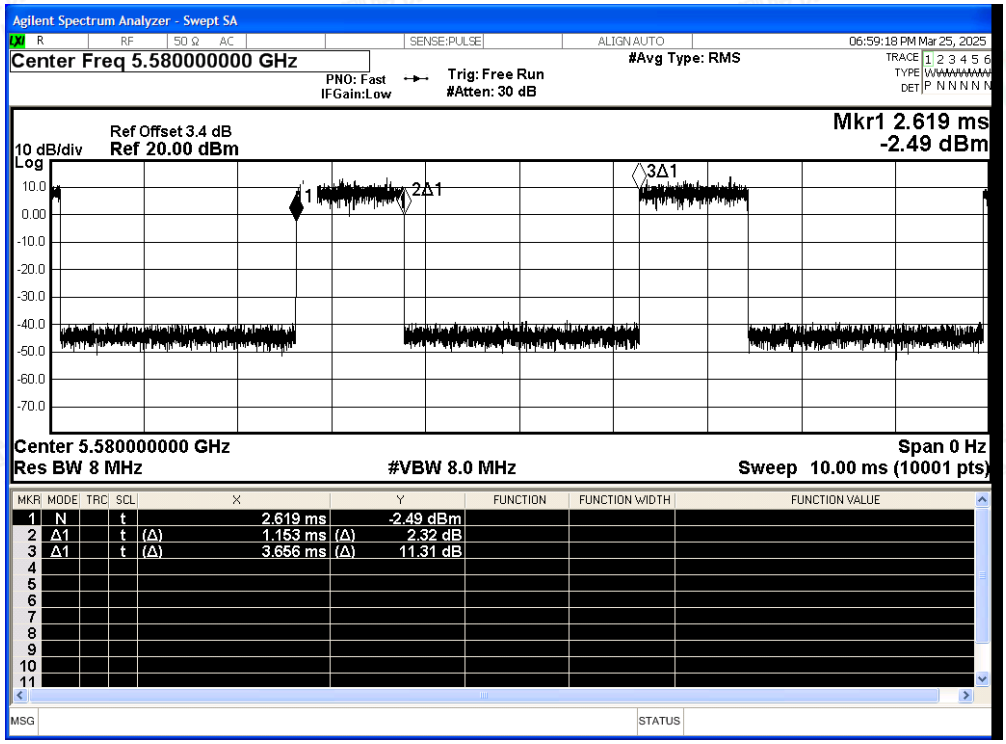
Duty Cycle NVNT n40 5670MHz Ant3



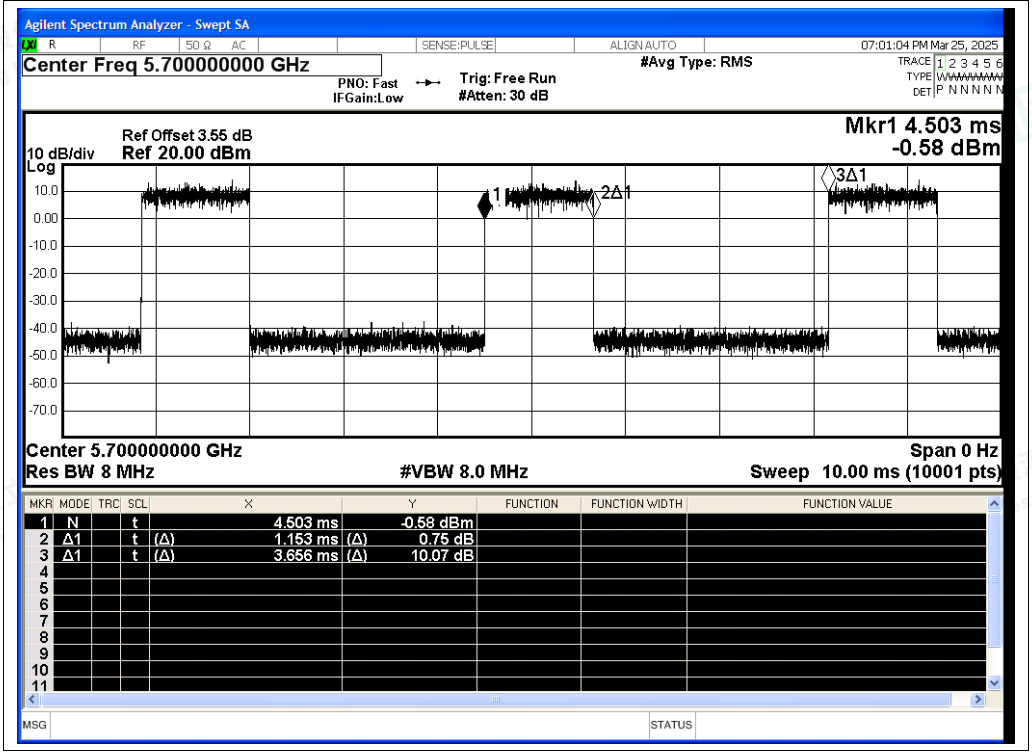
Duty Cycle NVNT ac20 5500MHz Ant3



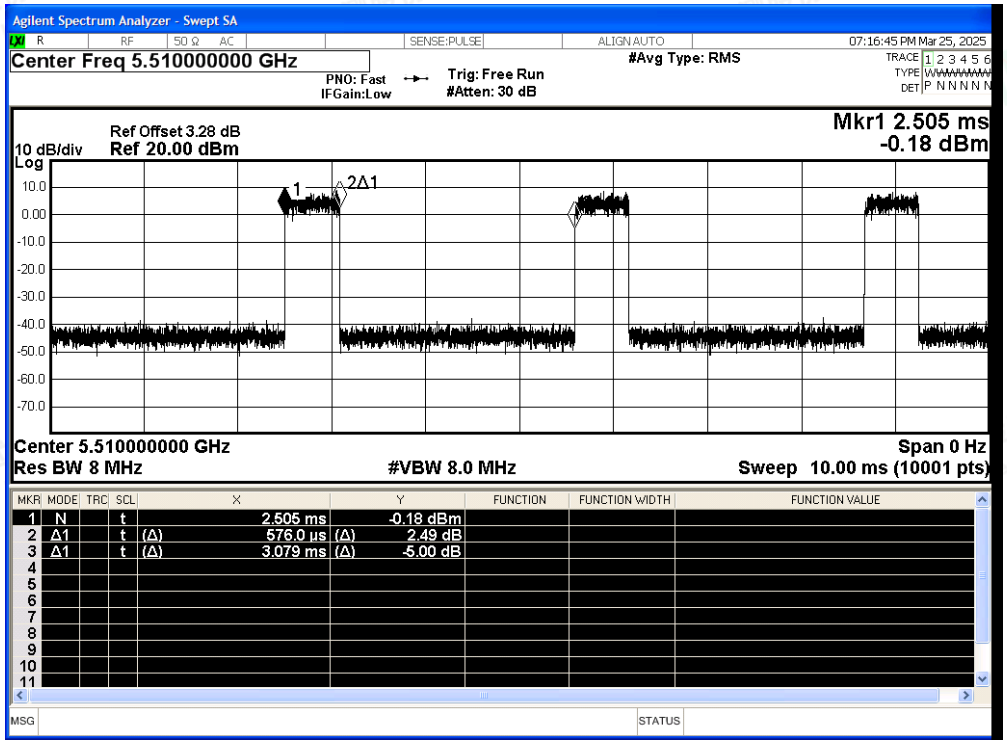
Duty Cycle NVNT ac20 5580MHz Ant3



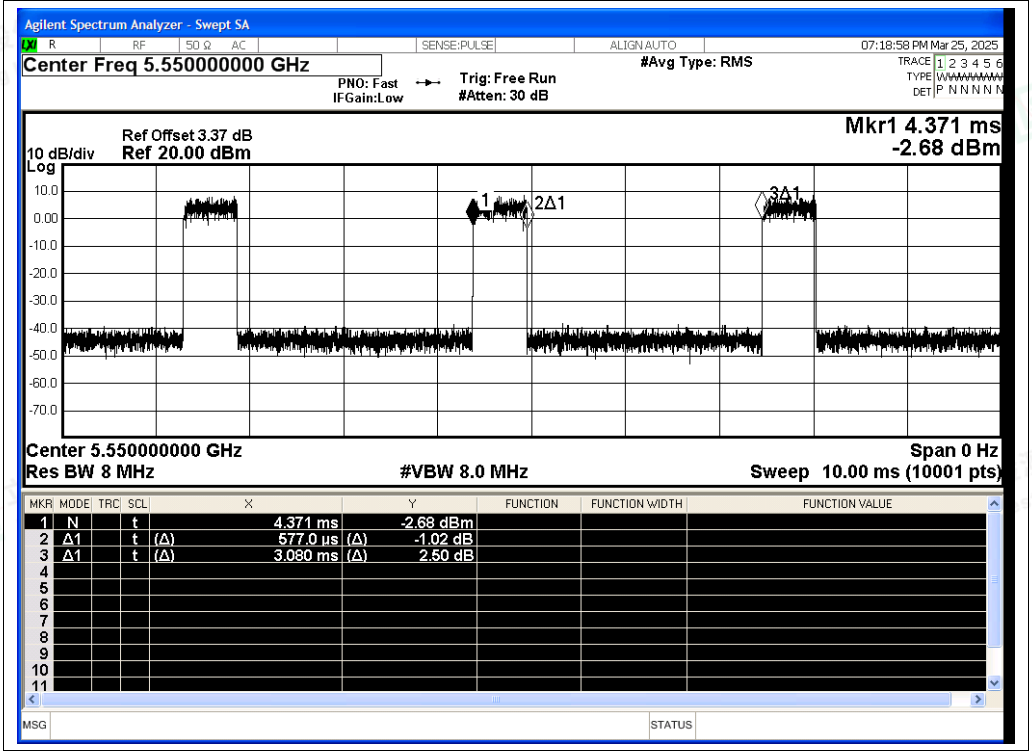
Duty Cycle NVNT ac20 5700MHz Ant3



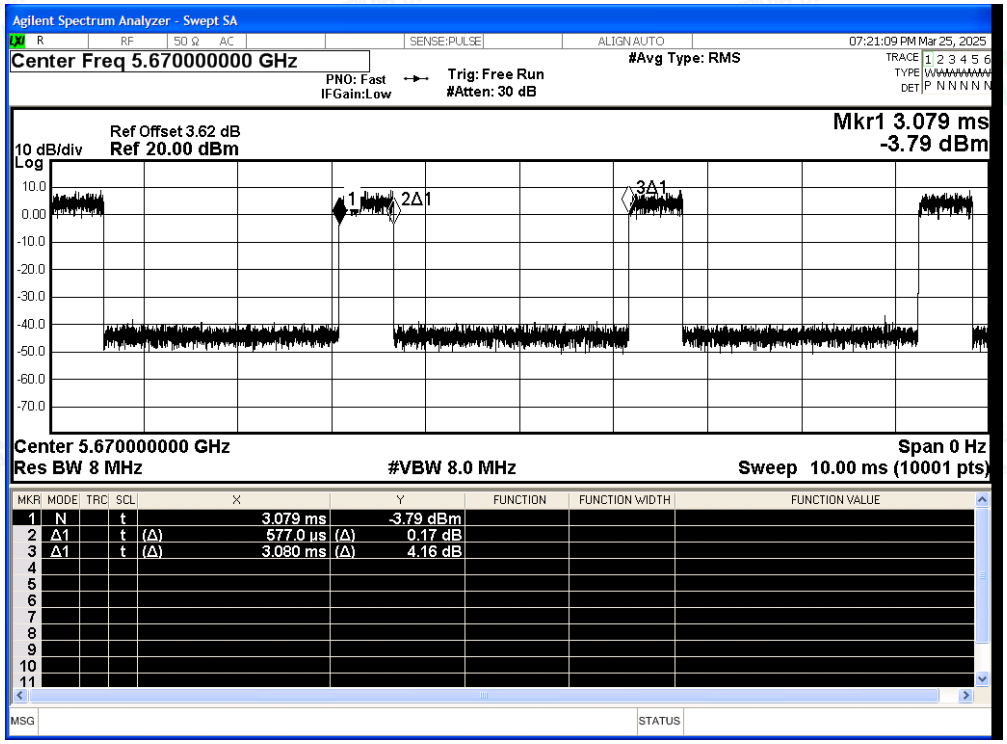
Duty Cycle NVNT ac40 5510MHz Ant3



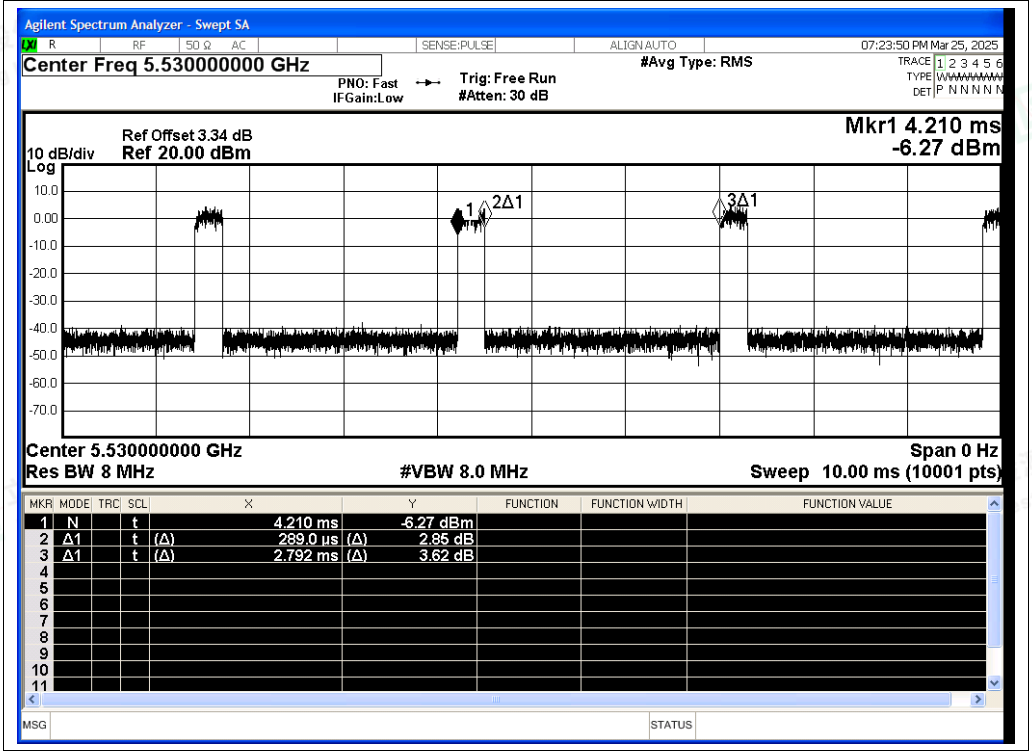
Duty Cycle NVNT ac40 5550MHz Ant3



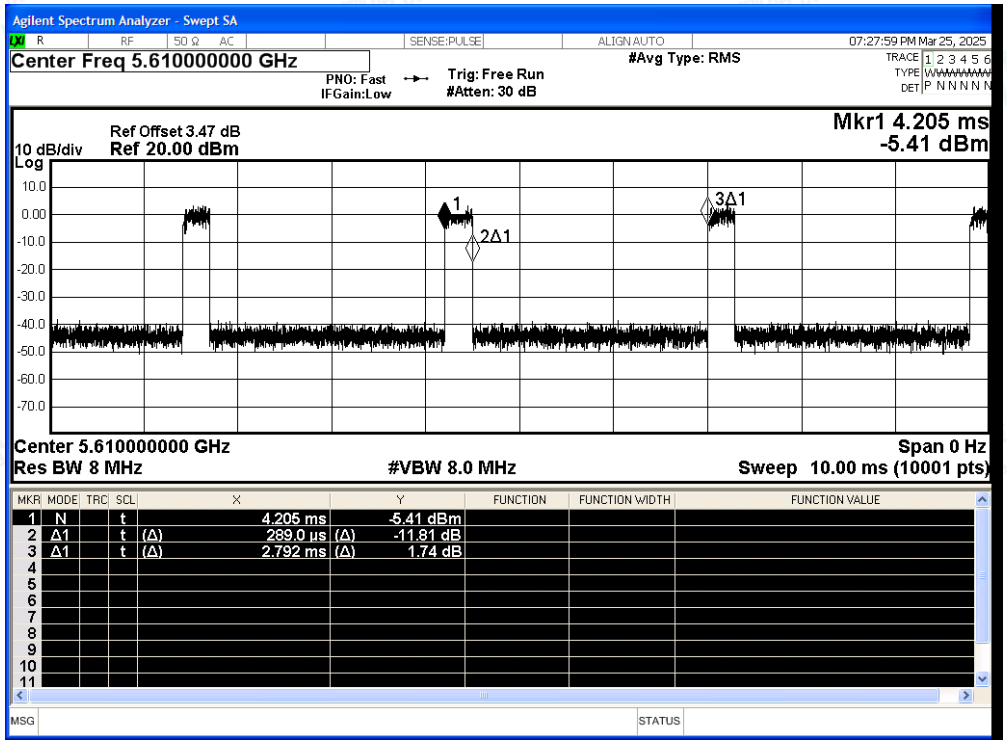
Duty Cycle NVNT ac40 5670MHz Ant3



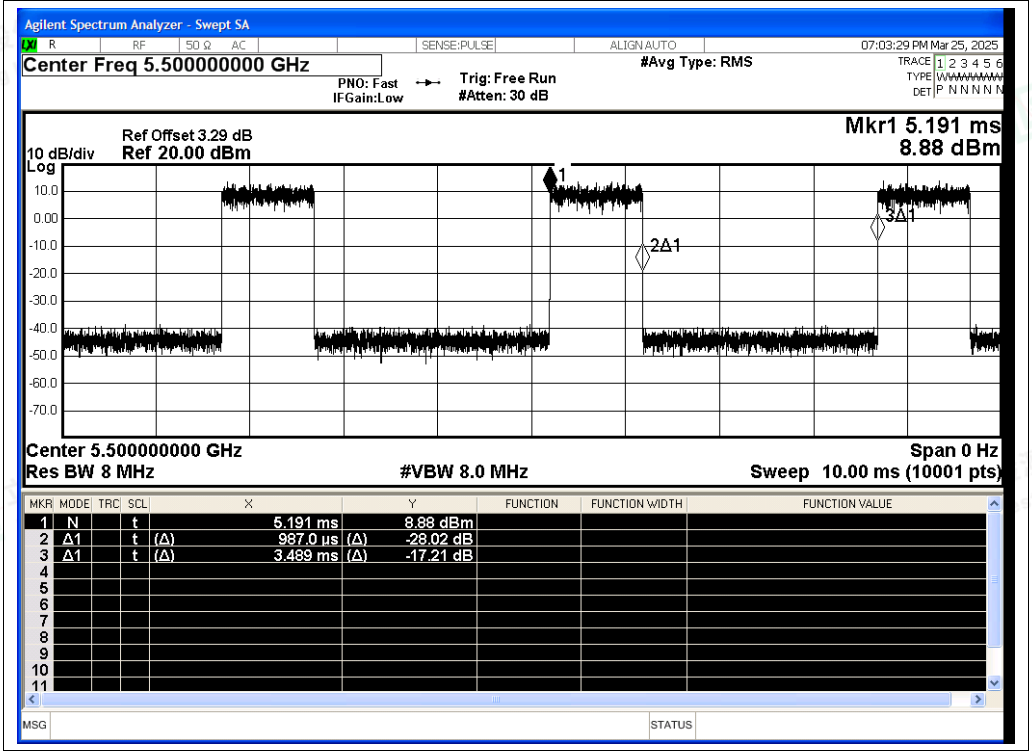
Duty Cycle NVNT ac80 5530MHz Ant3



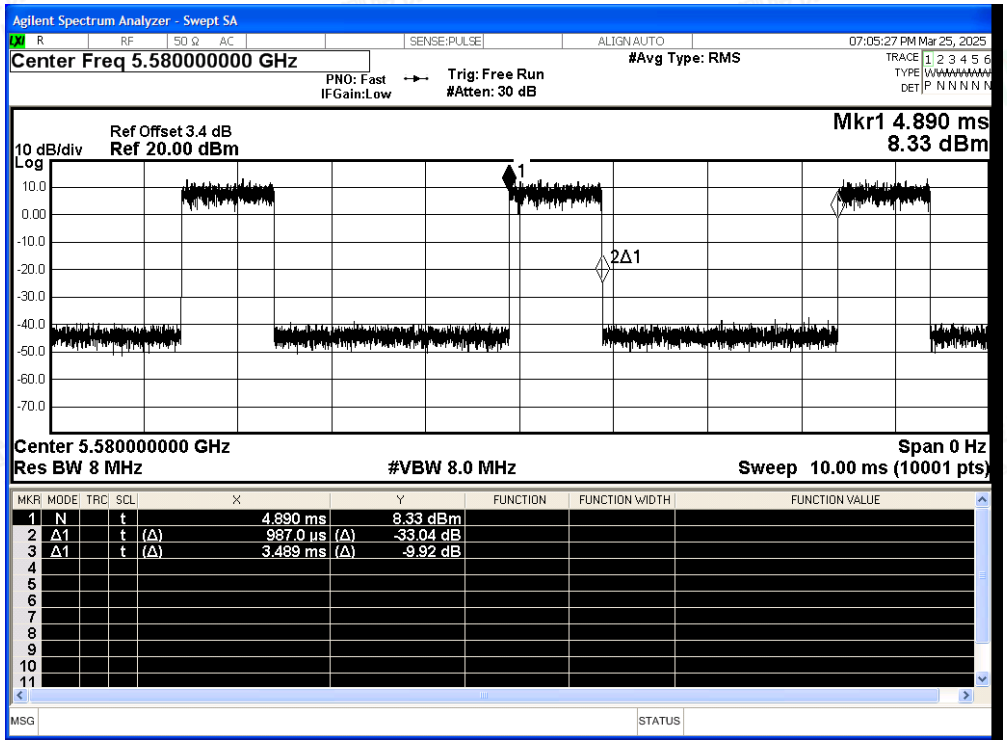
Duty Cycle NVNT ac80 5610MHz Ant3



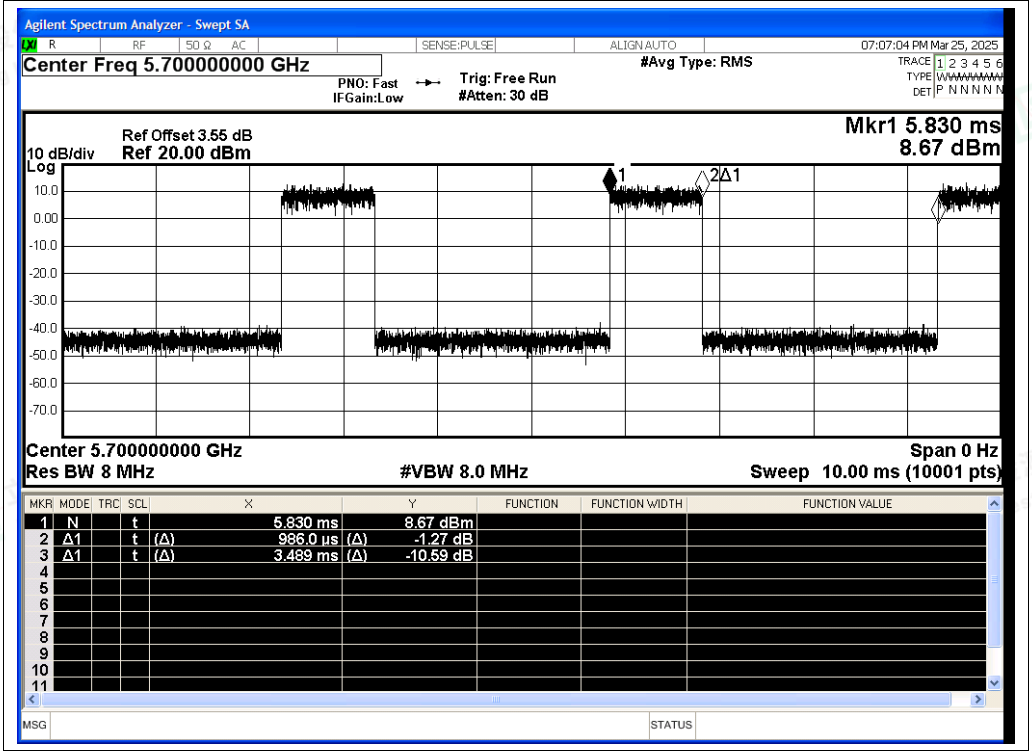
Duty Cycle NVNT ax20 5500MHz Ant3



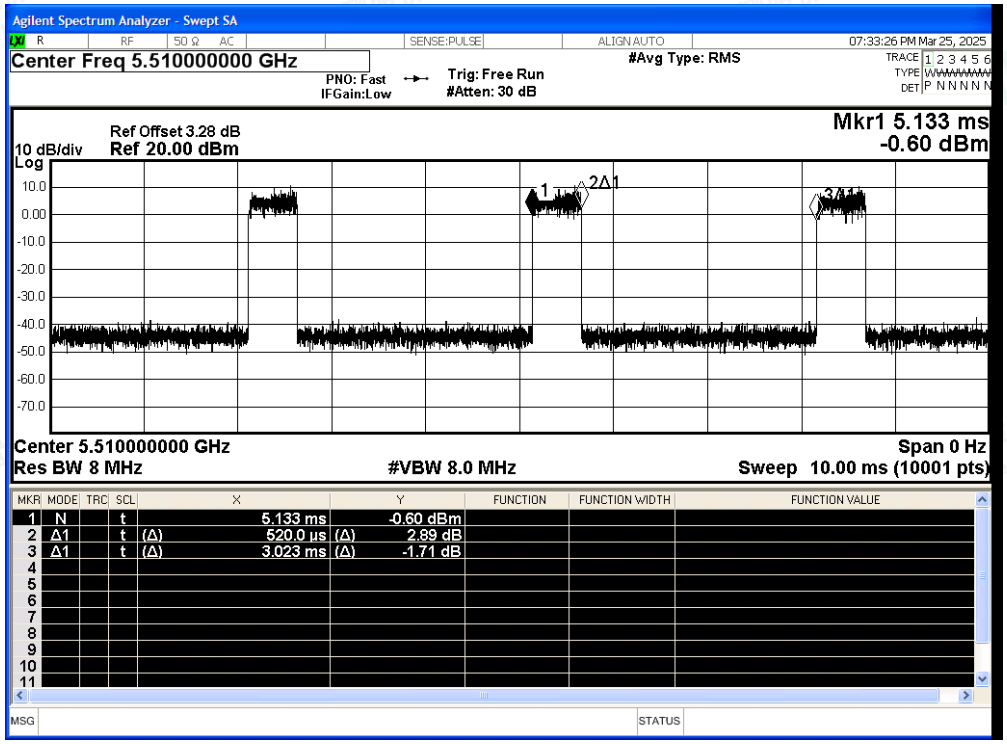
Duty Cycle NVNT ax20 5580MHz Ant3



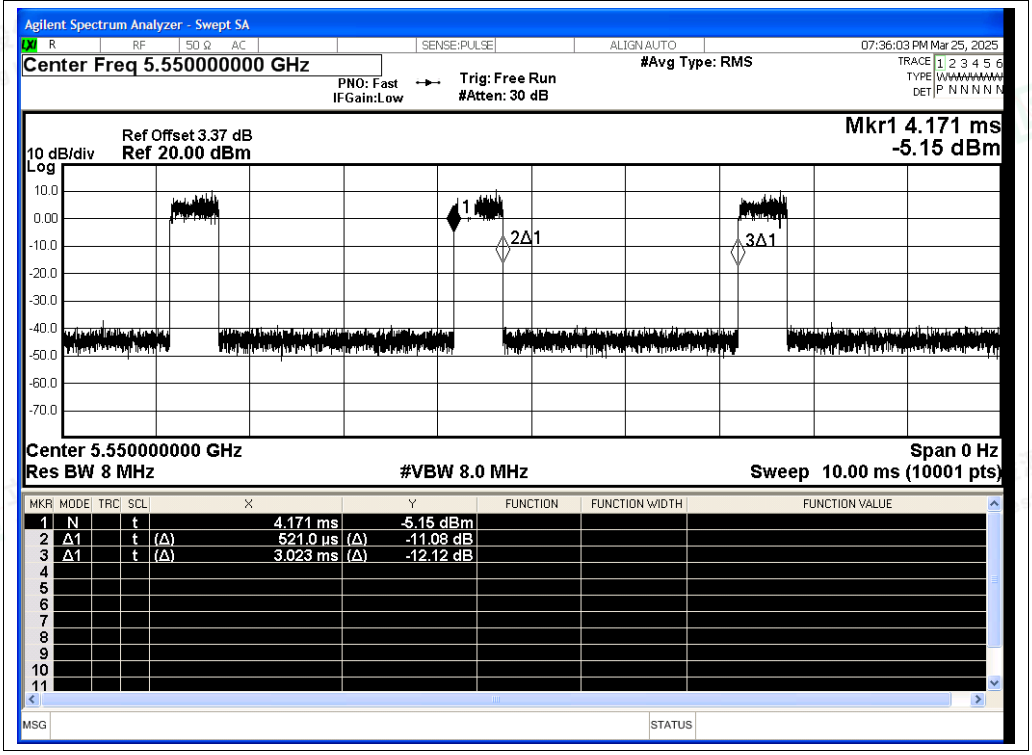
Duty Cycle NVNT ax20 5700MHz Ant3



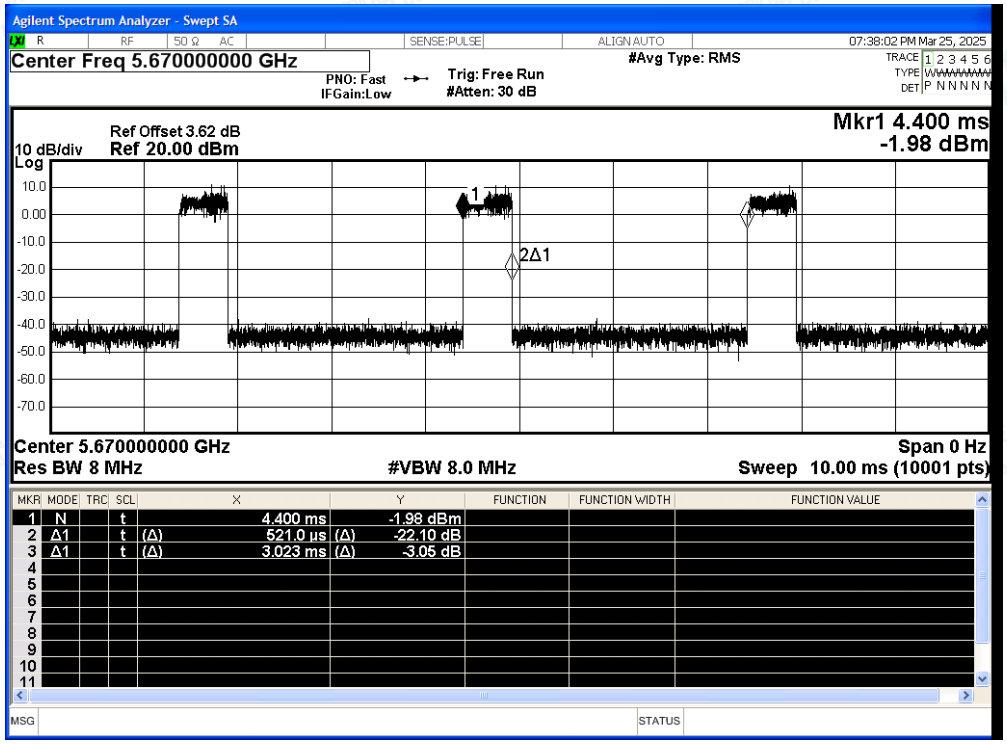
Duty Cycle NVNT ax40 5510MHz Ant3



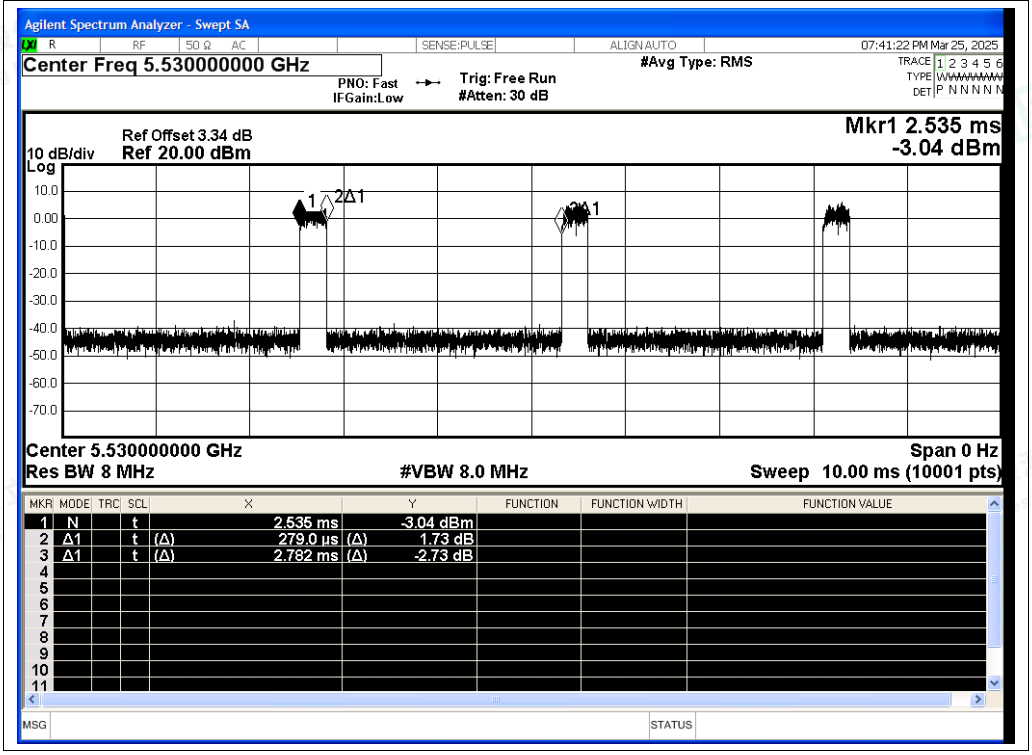
Duty Cycle NVNT ax40 5550MHz Ant3



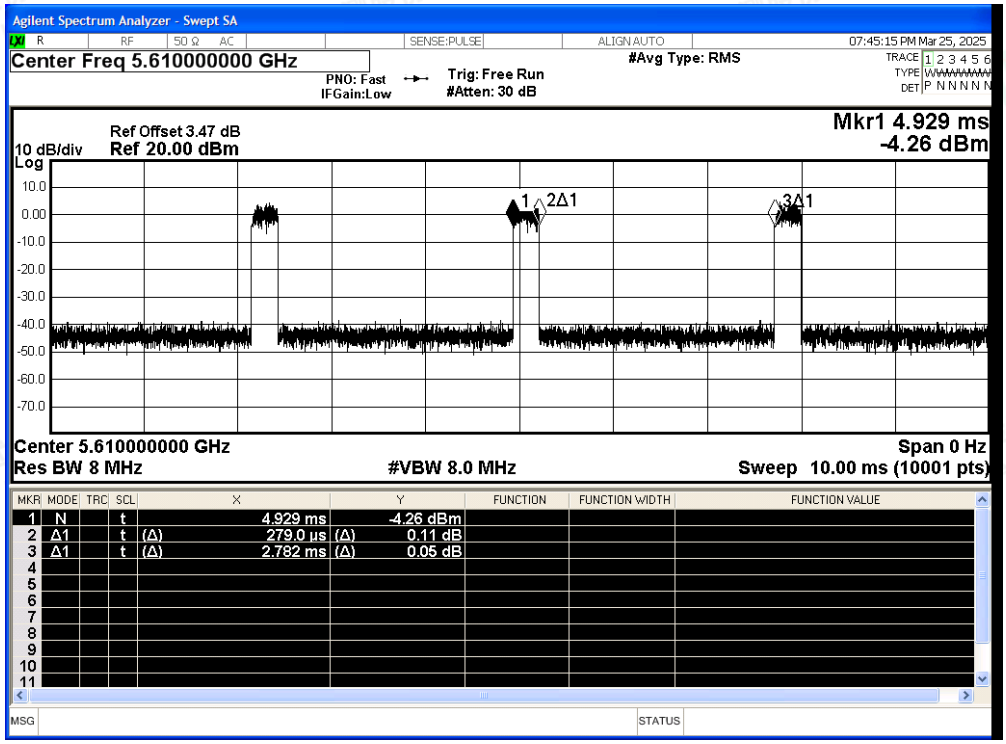
Duty Cycle NVNT ax40 5670MHz Ant3



Duty Cycle NVNT ax80 5530MHz Ant3



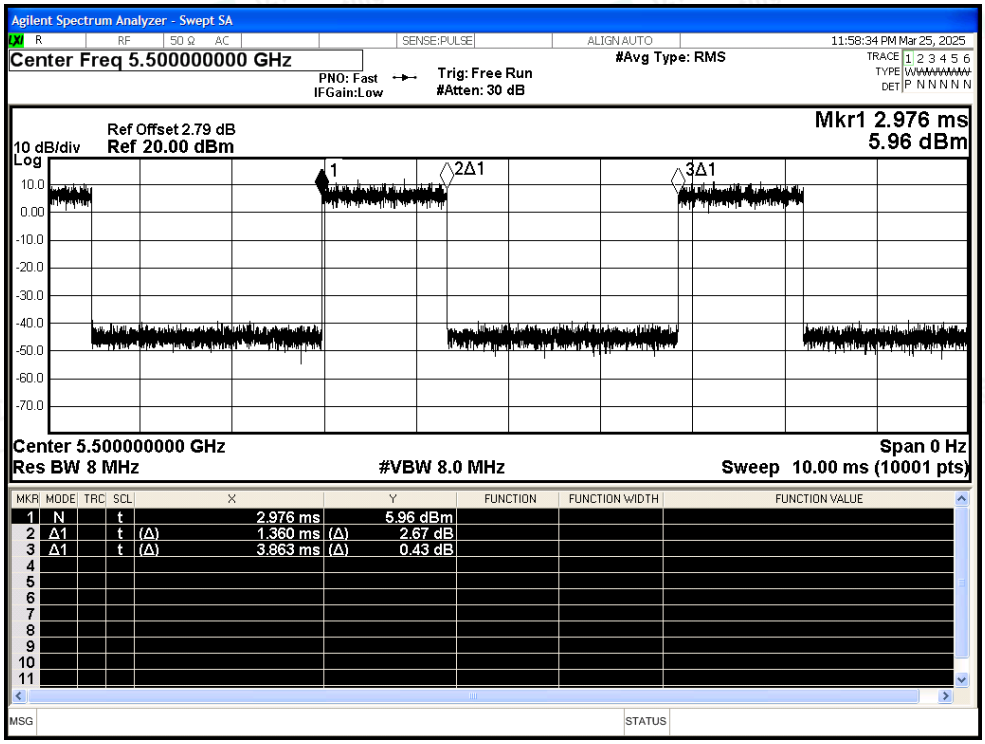
Duty Cycle NVNT ax80 5610MHz Ant3



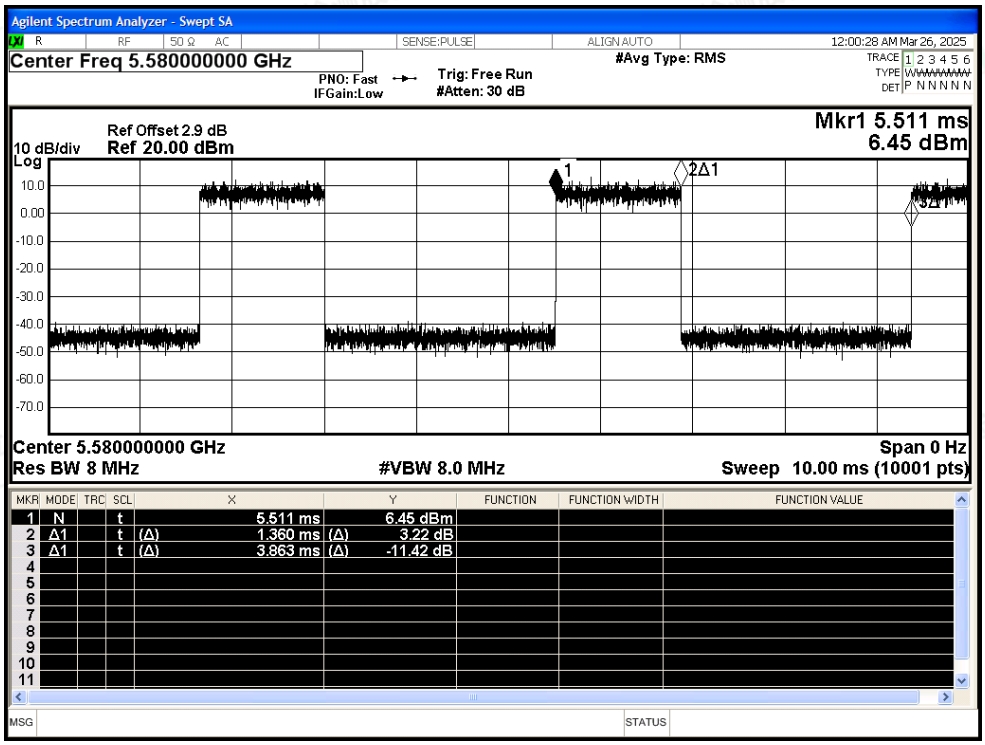
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5500	Ant4	35.21	4.53	0.74
NVNT	a	5580	Ant4	35.21	4.53	0.74
NVNT	a	5700	Ant4	35.22	4.53	0.73
NVNT	n20	5500	Ant4	31.46	5.02	0.87
NVNT	n20	5580	Ant4	31.46	5.02	0.87
NVNT	n20	5700	Ant4	31.47	5.02	0.87
NVNT	n40	5510	Ant4	18.67	7.29	1.74
NVNT	n40	5550	Ant4	18.63	7.3	1.75
NVNT	n40	5670	Ant4	18.6	7.3	1.75
NVNT	ac20	5500	Ant4	31.52	5.01	0.87
NVNT	ac20	5580	Ant4	31.54	5.01	0.87
NVNT	ac20	5700	Ant4	31.54	5.01	0.87
NVNT	ac40	5510	Ant4	18.73	7.27	1.73
NVNT	ac40	5550	Ant4	18.73	7.27	1.73
NVNT	ac40	5670	Ant4	18.74	7.27	1.73
NVNT	ac80	5530	Ant4	10.32	9.86	3.47
NVNT	ac80	5610	Ant4	10.35	9.85	3.46
NVNT	ax20	5500	Ant4	28.26	5.49	1.01
NVNT	ax20	5580	Ant4	28.26	5.49	1.01
NVNT	ax20	5700	Ant4	28.29	5.48	1.01
NVNT	ax40	5510	Ant4	17.23	7.64	1.92
NVNT	ax40	5550	Ant4	17.23	7.64	1.92
NVNT	ax40	5670	Ant4	17.23	7.64	1.92
NVNT	ax80	5530	Ant4	10.06	9.97	3.57
NVNT	ax80	5610	Ant4	10.03	9.99	3.58

Test Graphs

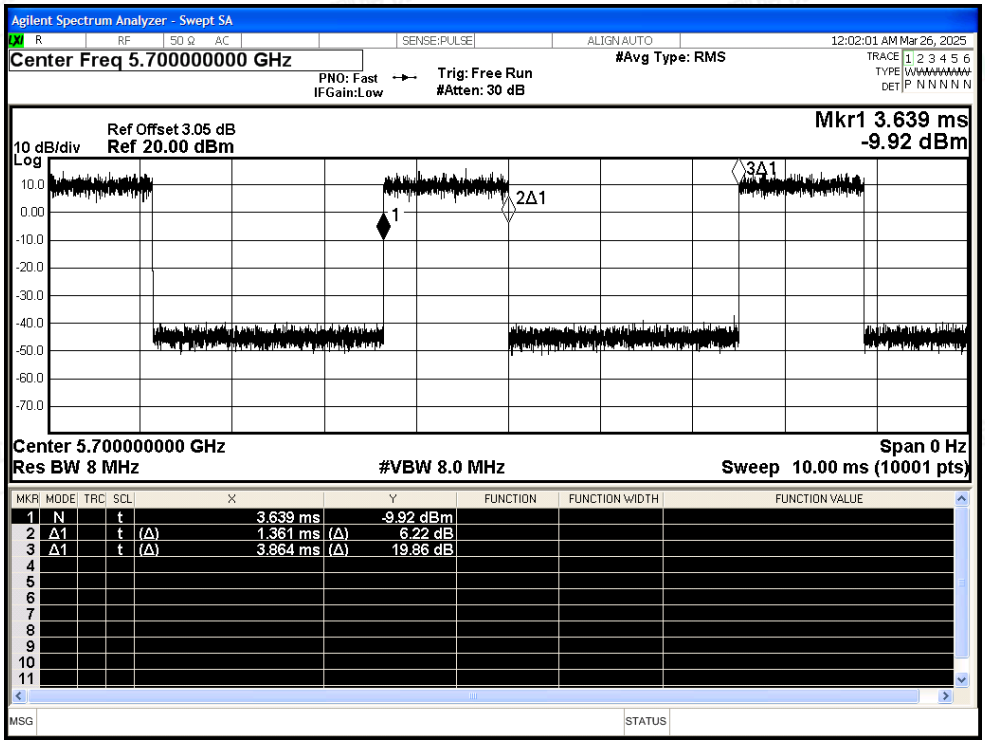
Duty Cycle NVNT a 5500MHz Ant4



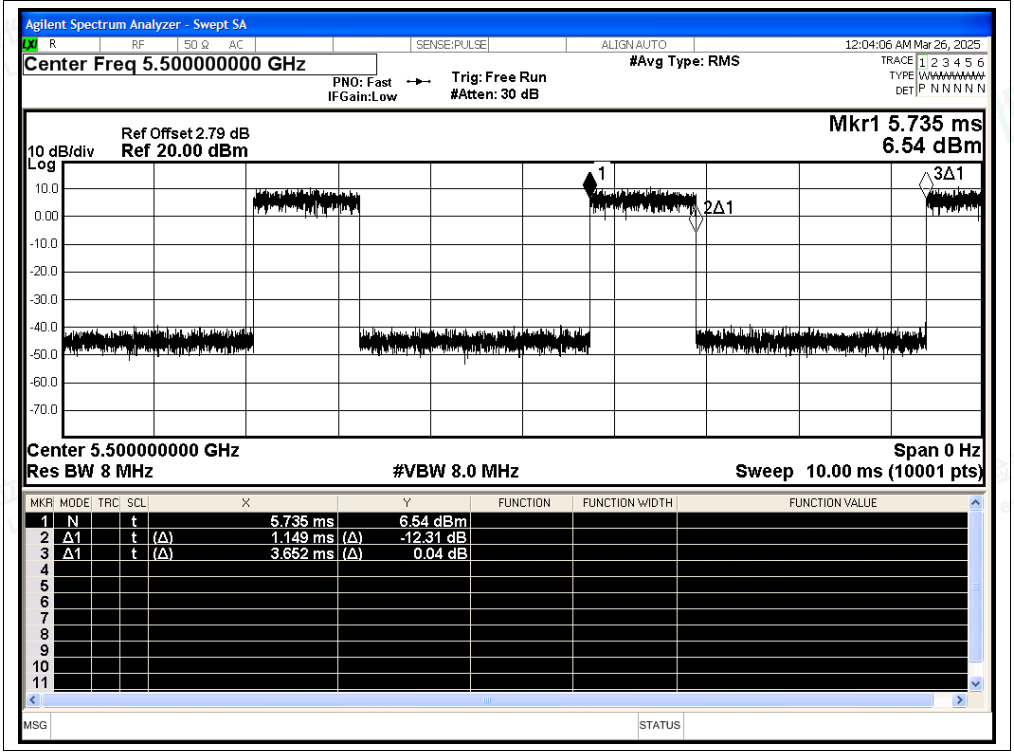
Duty Cycle NVNT a 5580MHz Ant4



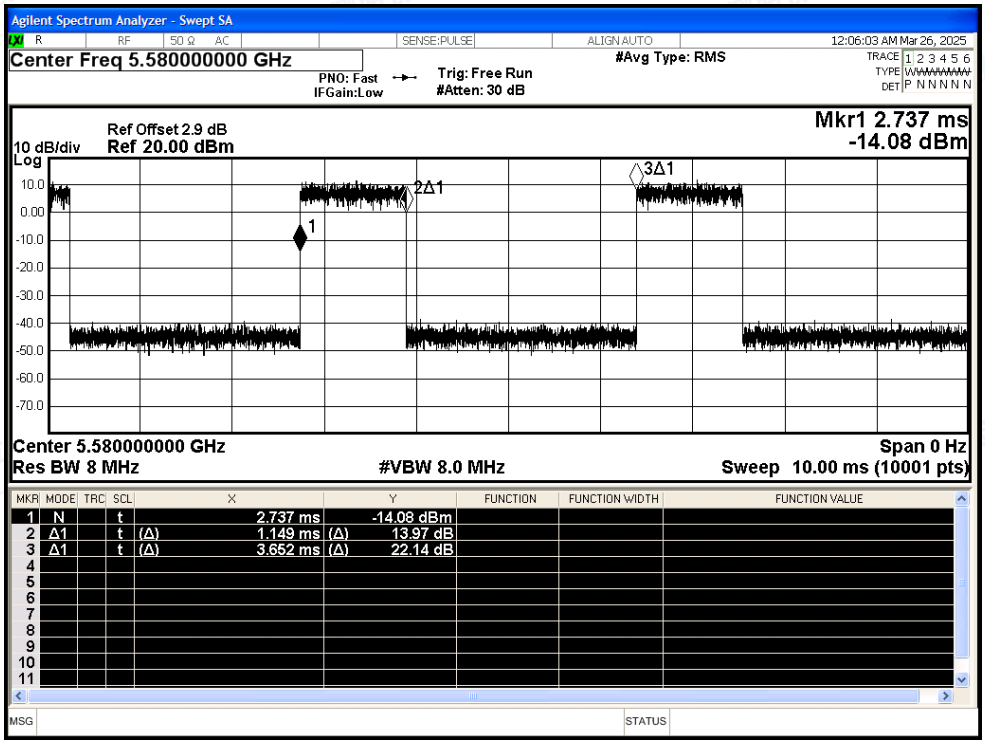
Duty Cycle NVNT a 5700MHz Ant4



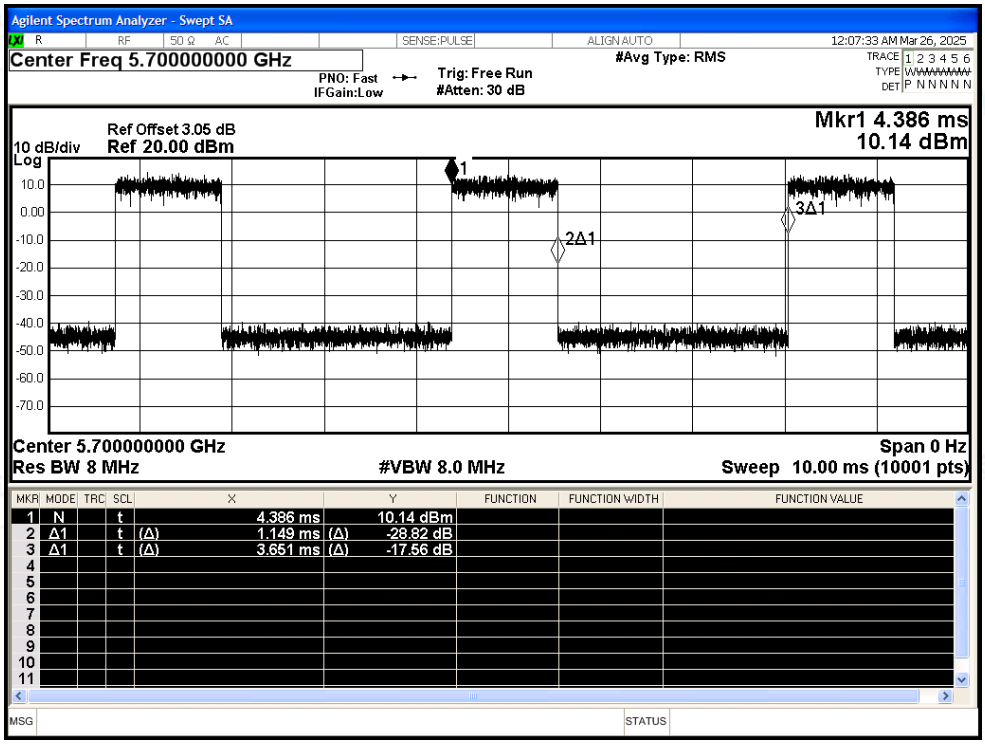
Duty Cycle NVNT n20 5500MHz Ant4



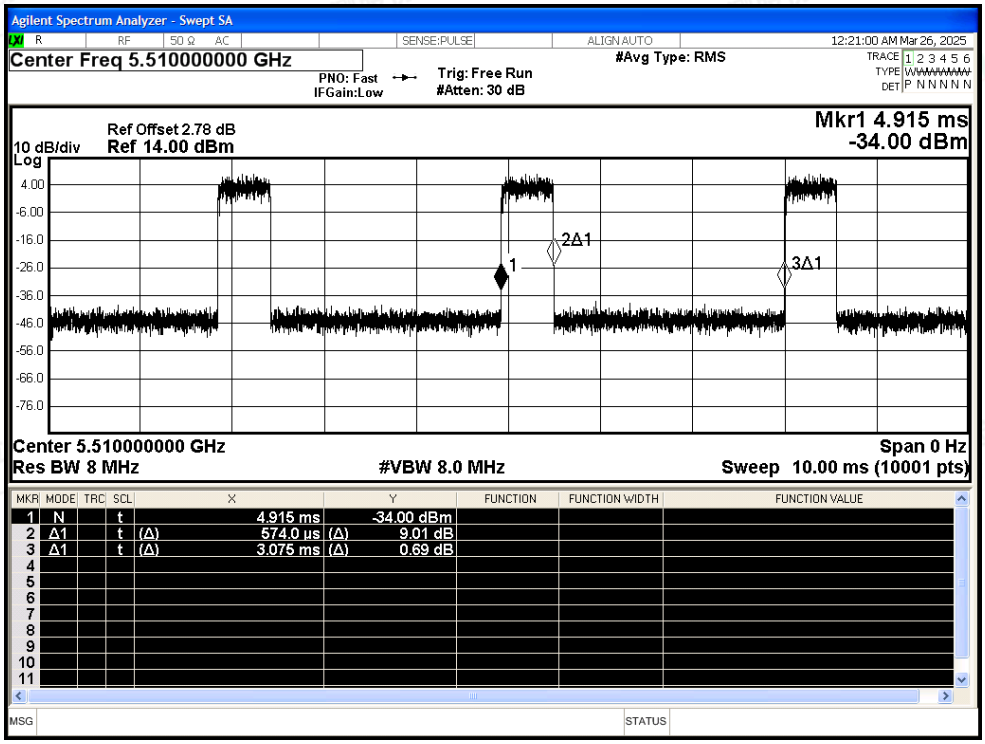
Duty Cycle NVNT n20 5580MHz Ant4



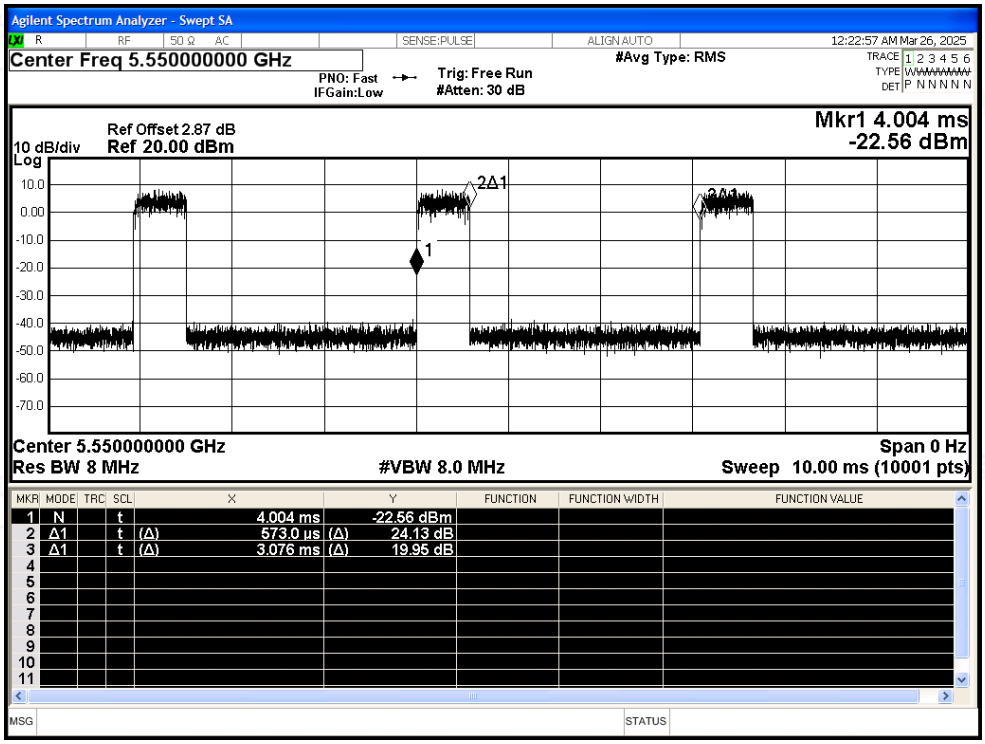
Duty Cycle NVNT n20 5700MHz Ant4



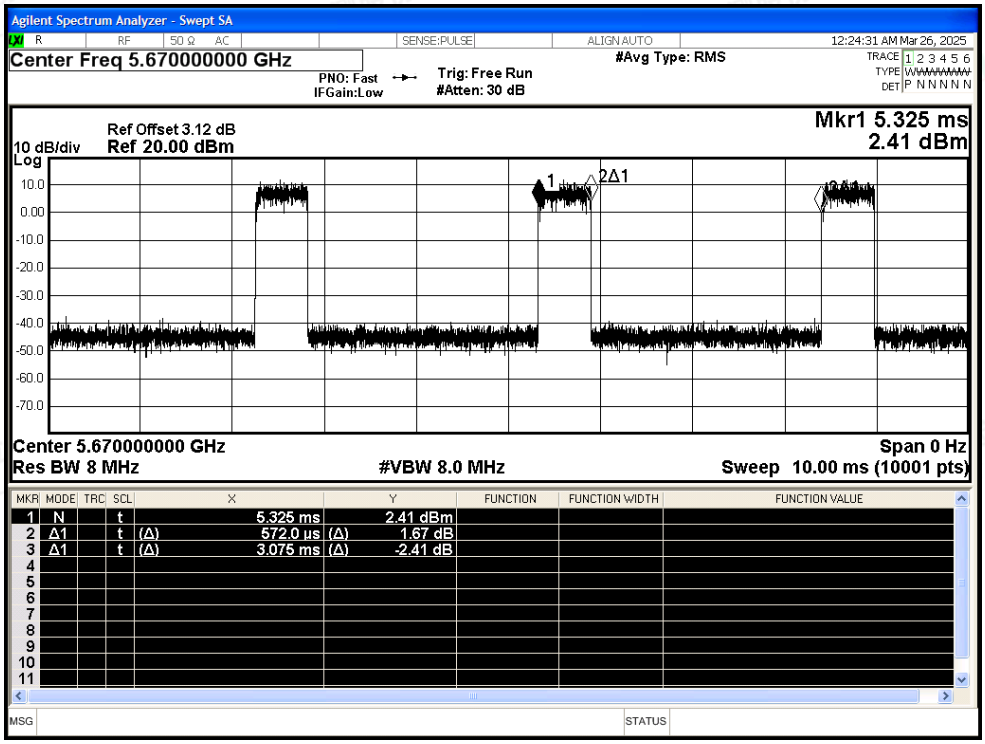
Duty Cycle NVNT n40 5510MHz Ant4



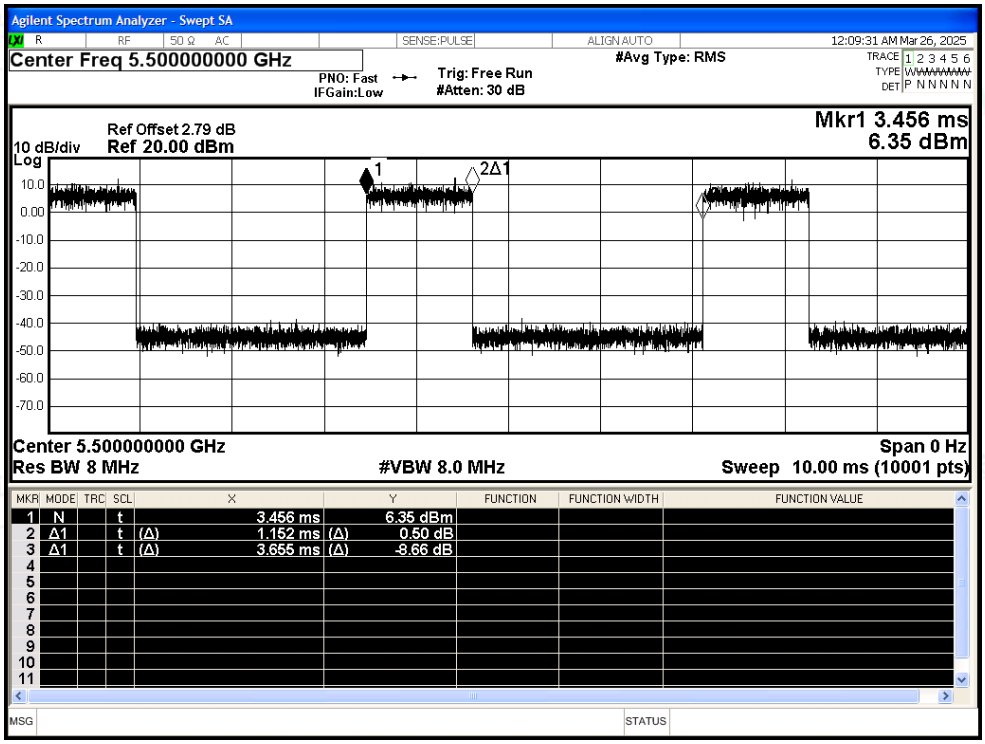
Duty Cycle NVNT n40 5550MHz Ant4



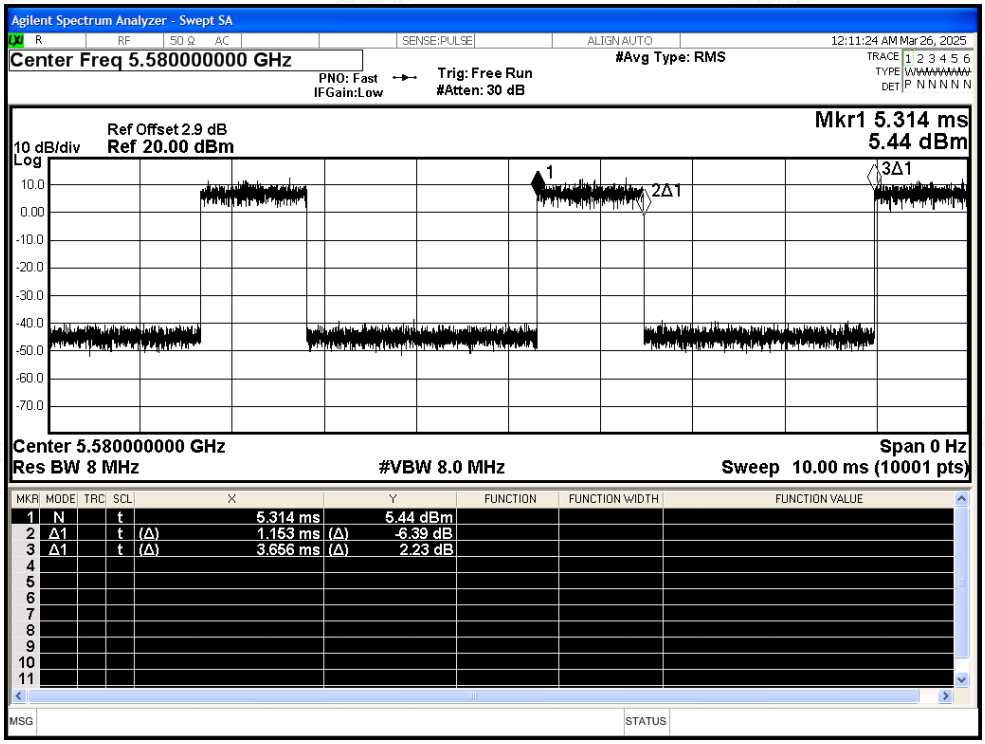
Duty Cycle NVNT n40 5670MHz Ant4



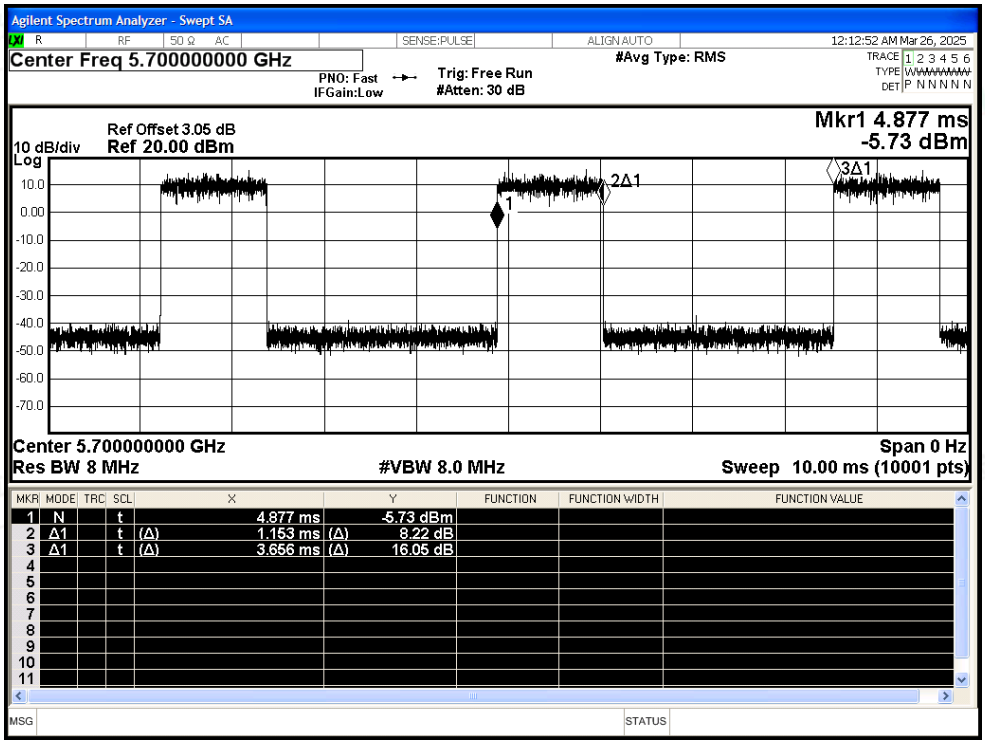
Duty Cycle NVNT ac20 5500MHz Ant4



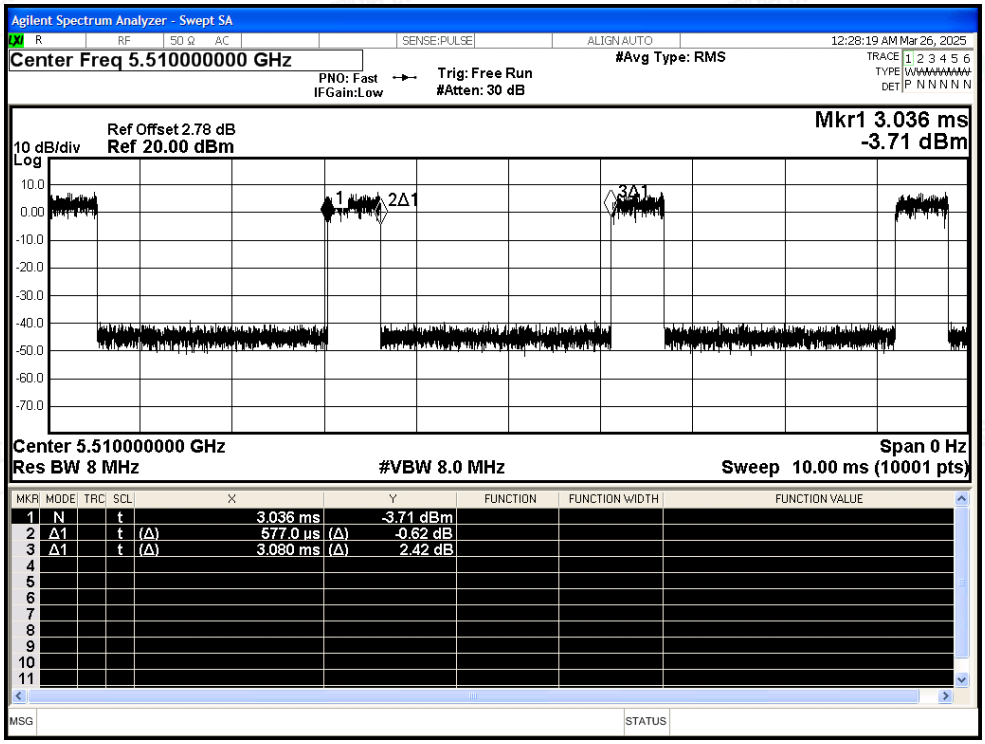
Duty Cycle NVNT ac20 5580MHz Ant4



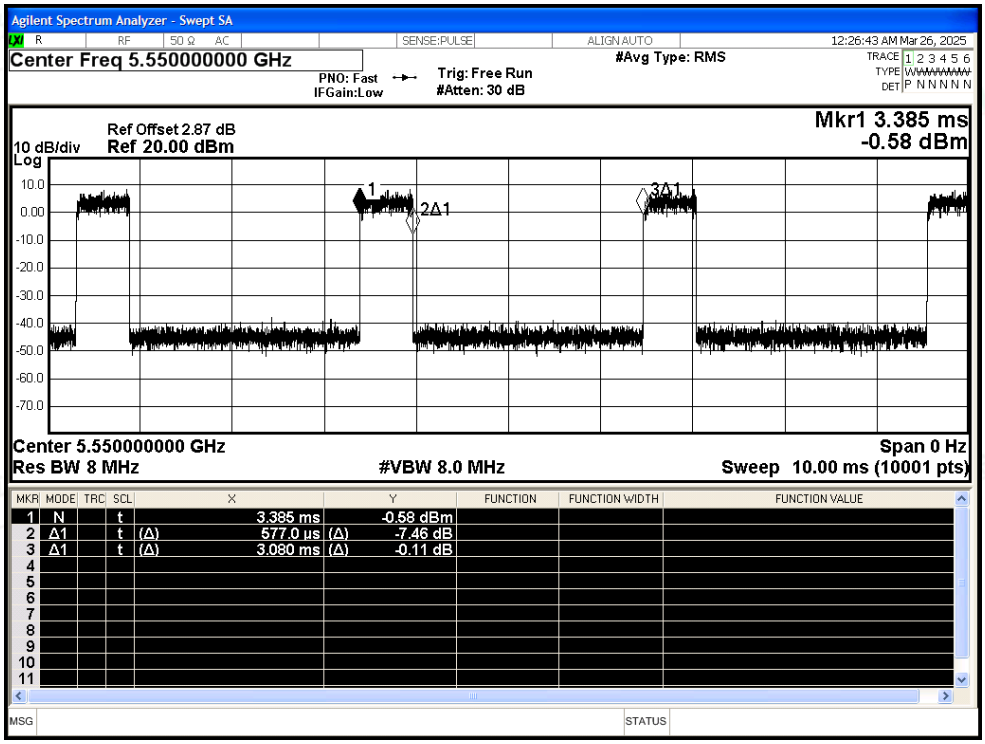
Duty Cycle NVNT ac20 5700MHz Ant4



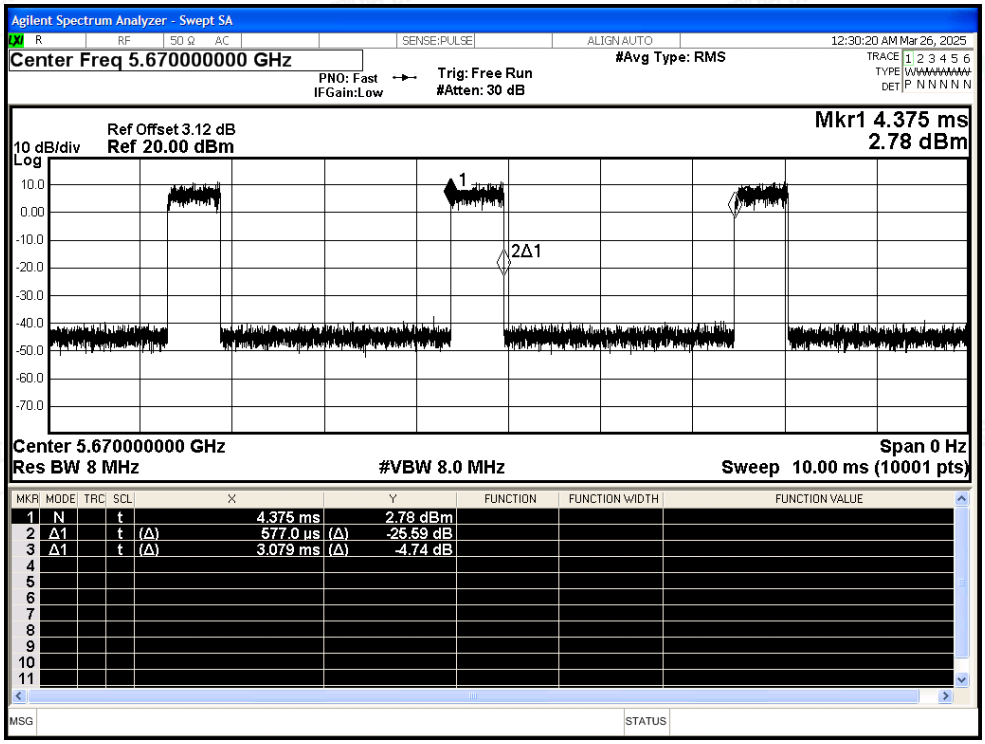
Duty Cycle NVNT ac40 5510MHz Ant4



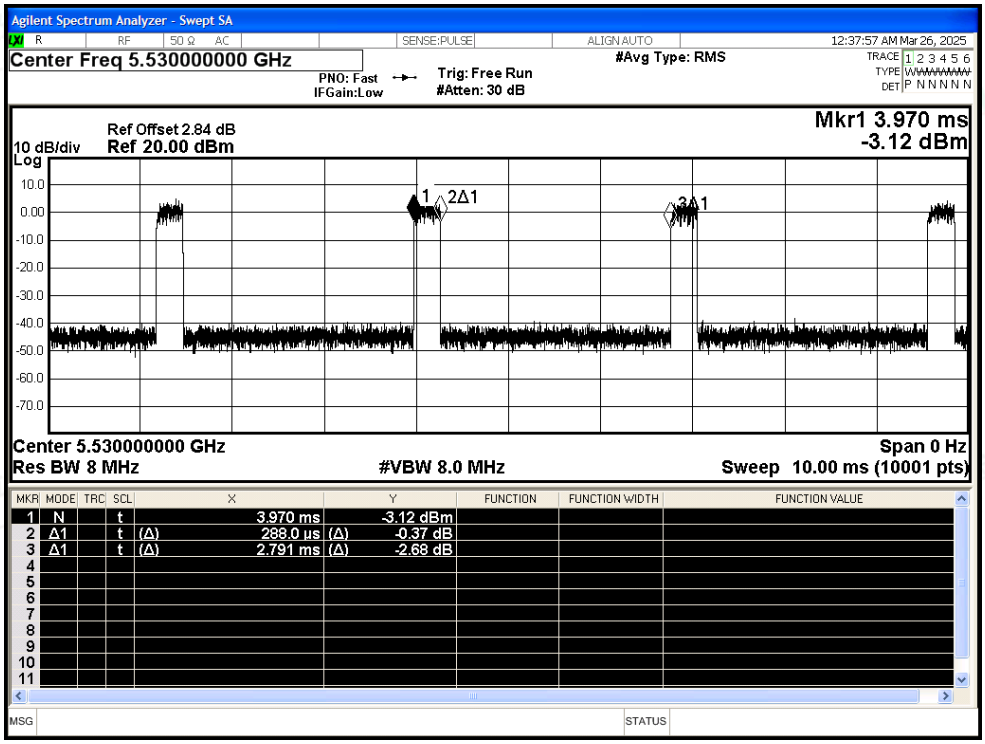
Duty Cycle NVNT ac40 5550MHz Ant4



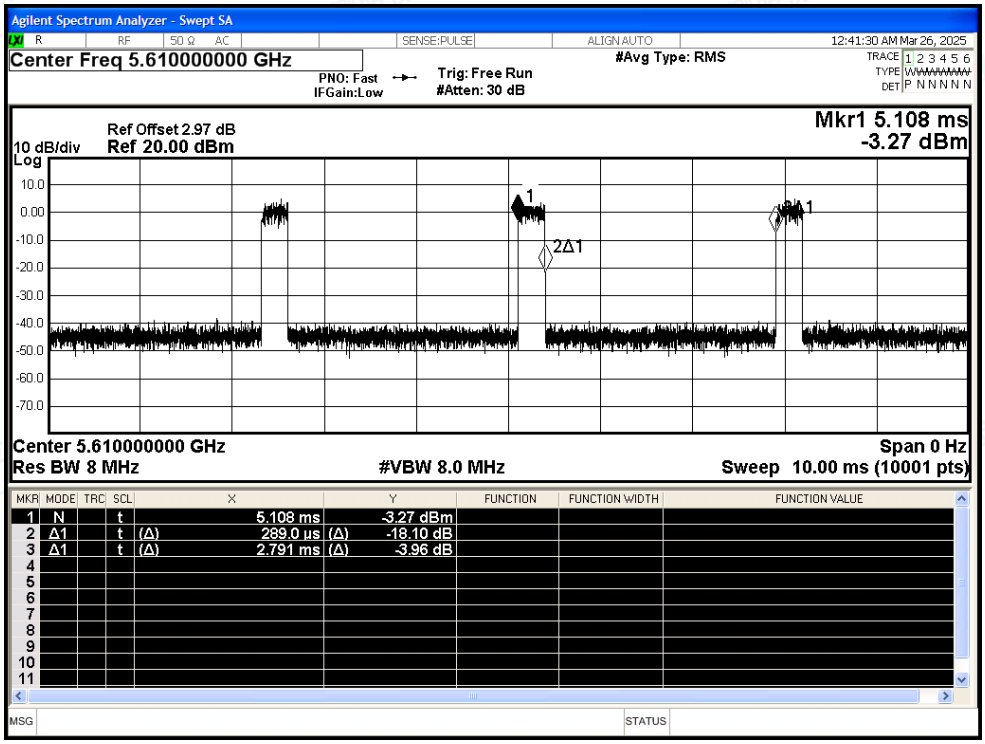
Duty Cycle NVNT ac40 5670MHz Ant4



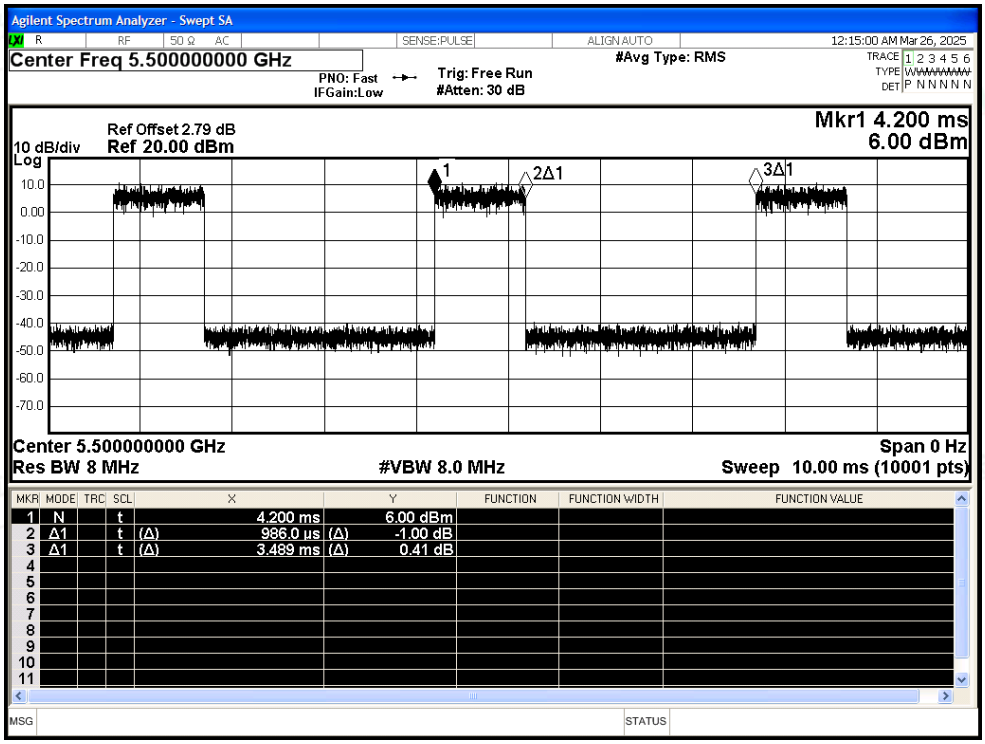
Duty Cycle NVNT ac80 5530MHz Ant4



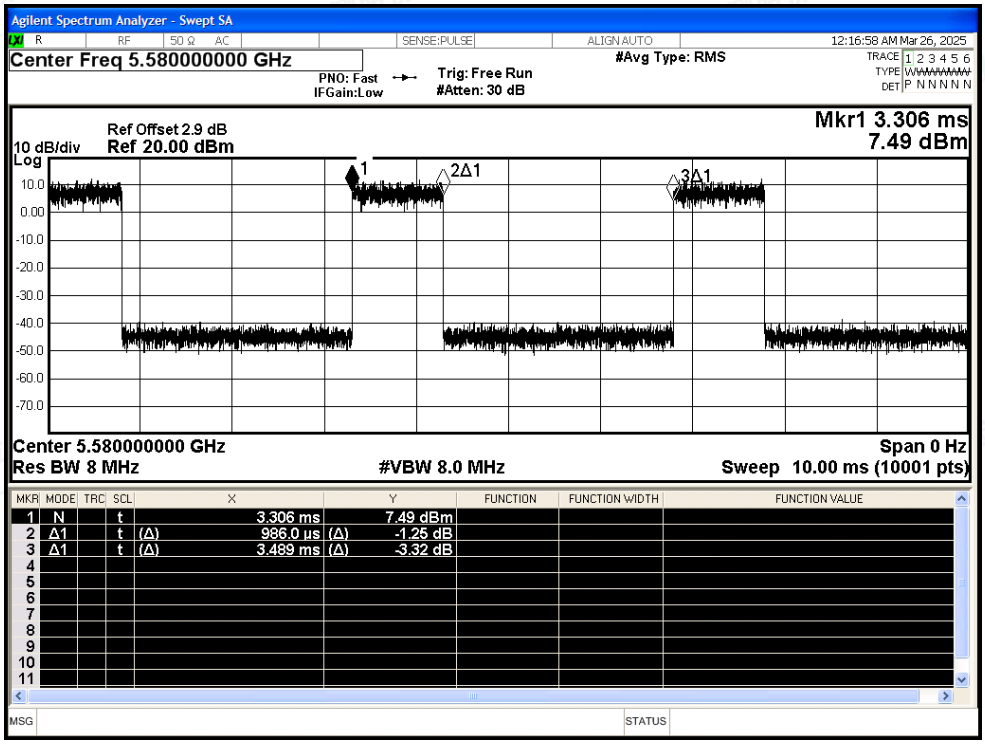
Duty Cycle NVNT ac80 5610MHz Ant4



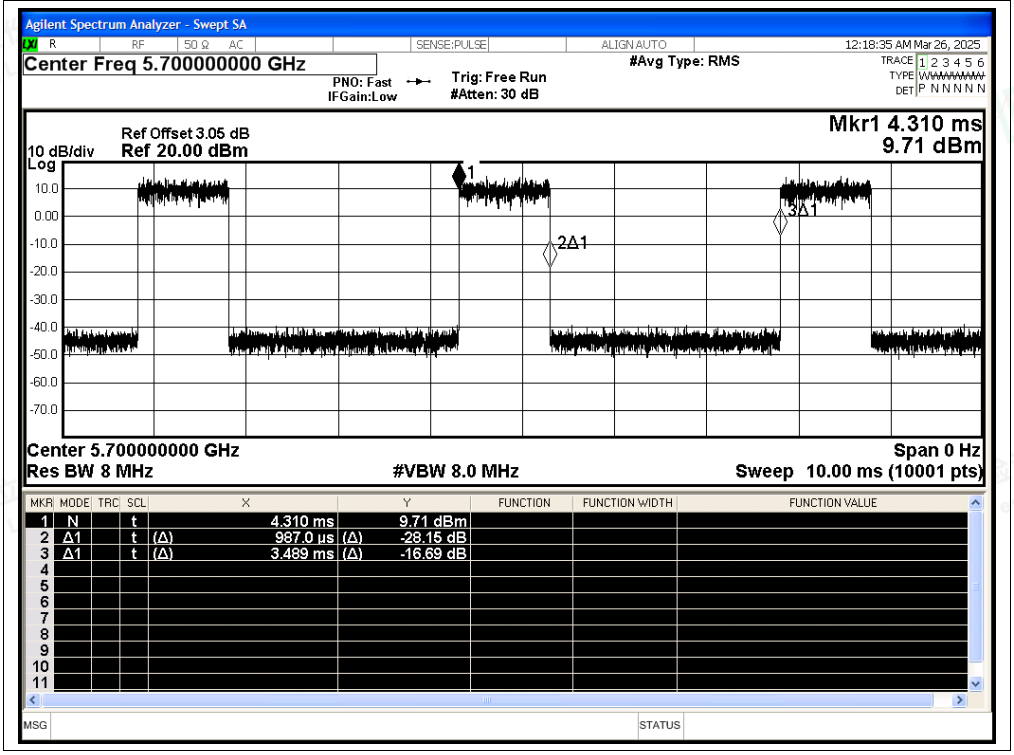
Duty Cycle NVNT ax20 5500MHz Ant4



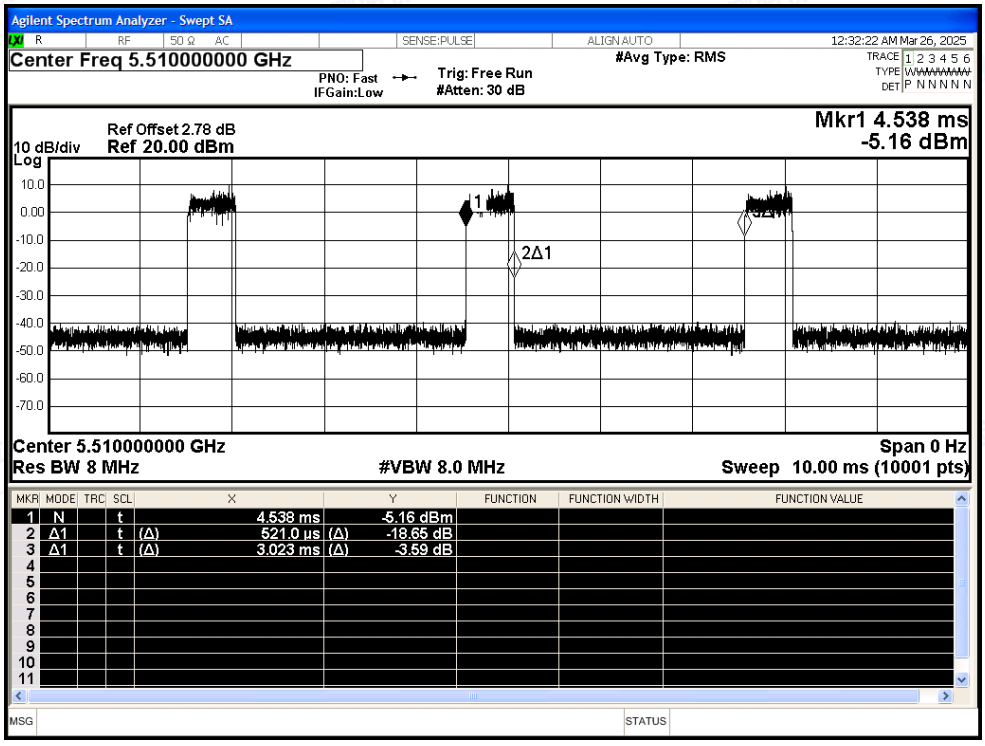
Duty Cycle NVNT ax20 5580MHz Ant4



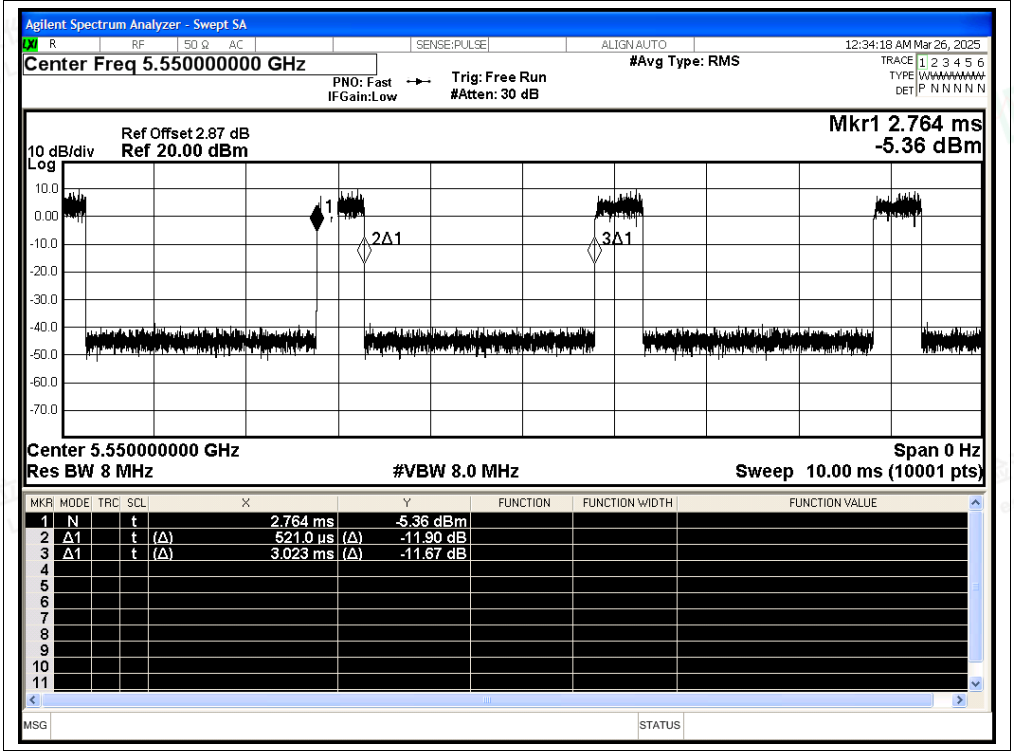
Duty Cycle NVNT ax20 5700MHz Ant4



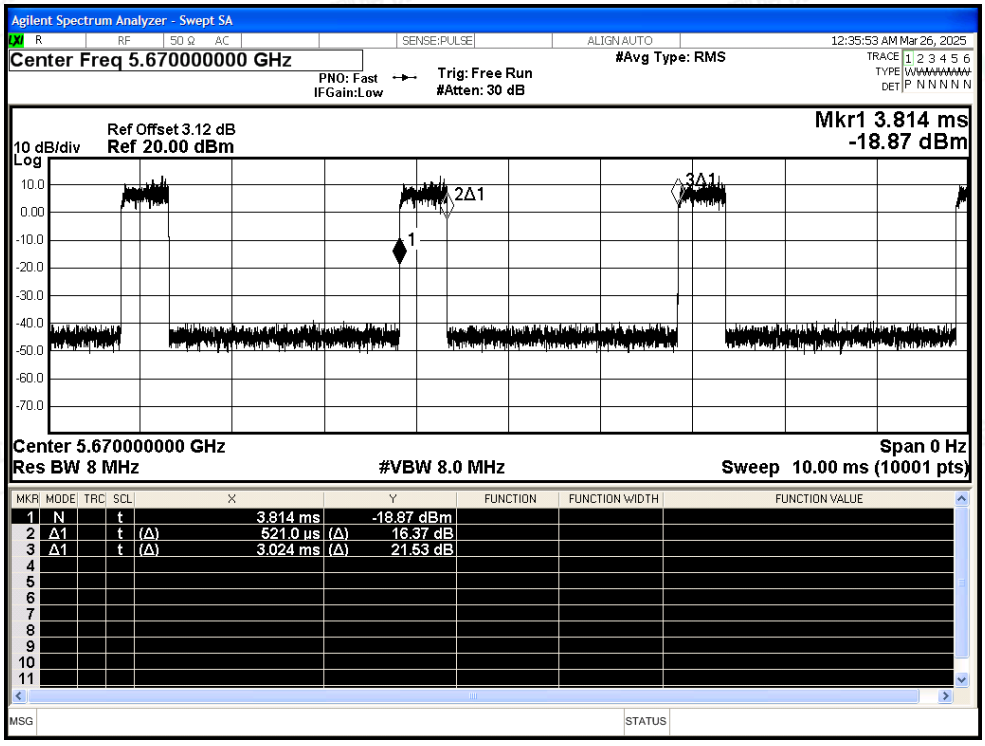
Duty Cycle NVNT ax40 5510MHz Ant4



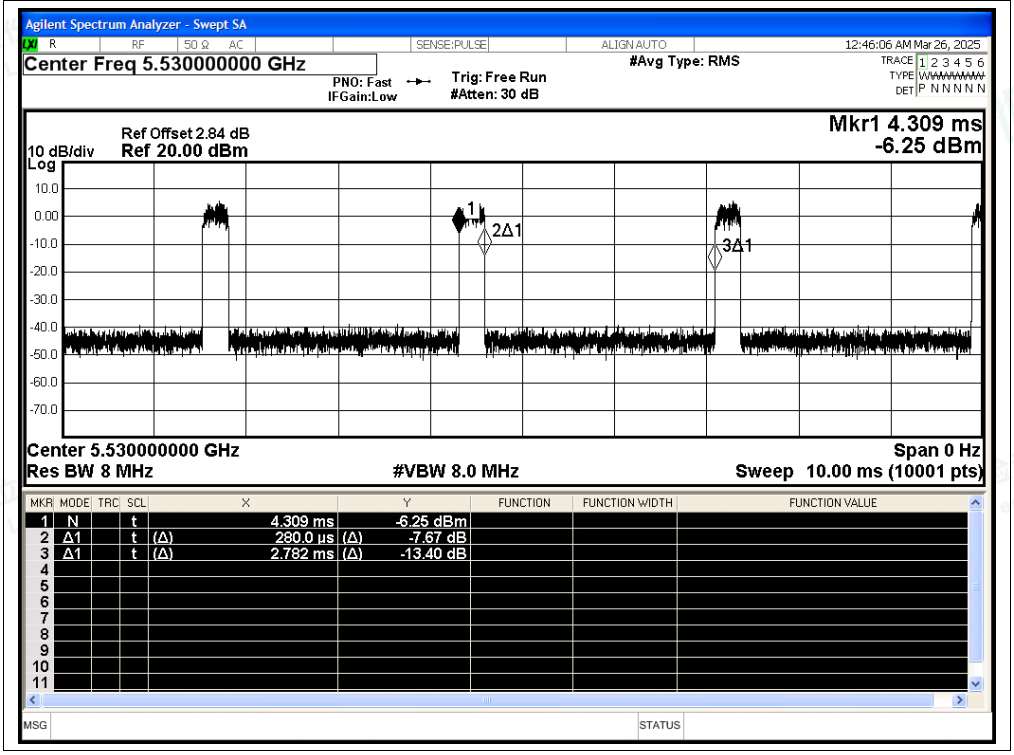
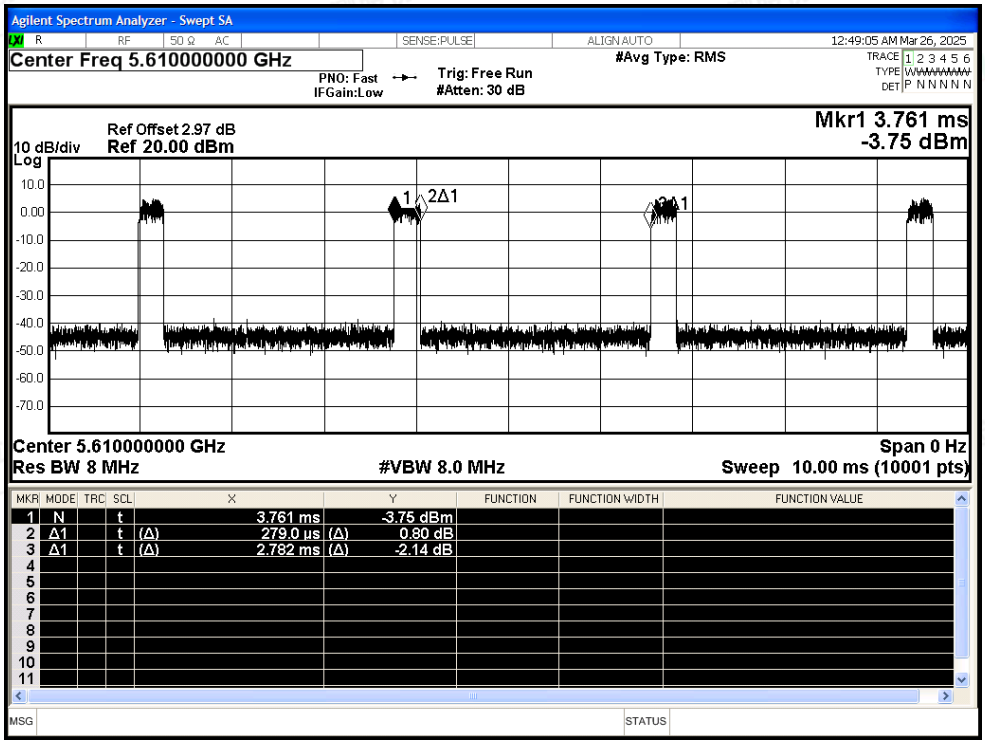
Duty Cycle NVNT ax40 5550MHz Ant4



Duty Cycle NVNT ax40 5670MHz Ant4



Duty Cycle NVNT ax80 5530MHz Ant4



Duty Cycle NVNT ax80 5610MHz Ant4