MIMO

Condition	Mode	Frequency (MHz)	Spur Freq (MHz)	Ant0 Power (dBm)	Ant1 Power (dBm)	Ant2 Power (dBm)	Ant0+Ant1+Ant2	Gain (dBi)	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
NVNT	n20	5180	4500	-48.61	-50.69	-49.54	-44.76	7.86	58.33	Peak	68.2	Pass
NVNT	n20	5180	4500	-57.83	-58.21	-58.44	-53.38	7.86	49.71	Average	54	Pass
NVNT	n20	5180	5149.6	-43.32	-41.42	-43.11	-37.76	7.86	65.33	Peak	68.2	Pass
NVNT	n20	5180	5146.8	-54.75	-53.87	-54.64	-49.63	7.86	53.46	Average	54	Pass
NVNT	n20	5180	5150	-43.04	-41.28	-45.46	-38.17	7.86	64.92	Peak	68.2	Pass
NVNT	n20	5180	5150	-54.64	-54.35	-55.02	-49.89	7.86	53.20	Average	54	Pass
NVNT	n20	5240	5350	-49.79	-49.51	-49.05	-44.67	7.86	58.42	Peak	68.2	Pass
NVNT	n20	5240	5350	-57.04	-57.08	-57.63	-52.47	7.86	50.62	Average	54	Pass
NVNT	n20	5240	5350.8	-46.43	-46.53	-47.23	-41.94	7.86	61.15	Peak	68.2	Pass
NVNT	n20	5240	5375.28	-57	-56.9	-56.92	-52.17	7.86	50.92	Average	54	Pass
NVNT	n20	5240	5460	-49.62	-49.42	-49.25	-44.66	7.86	58.43	Peak	68.2	Pass
NVNT	n20	5240	5460	-58.54	-58.43	-58.24	-53.63	7.86	49.46	Average	54	Pass
NVNT	n40	5190	4500	-49.98	-49.64	-49.69	-45.00	7.86	58.09	Peak	68.2	Pass
NVNT	n40	5190	4500	-58.4	-58.23	-58.29	-53.53	7.86	49.55	Average	54	Pass
NVNT	n40	5190	5148.24	-44.69	-41.17	-43.34	-38.05	7.86	65.04	Peak	68.2	Pass
NVNT	n40	5190	5149.7	-55.31	-53.55	-54.48	-49.62	7.86	53.47	Average	54	Pass
NVNT	n40	5190	5150	-44.69	-41.17	-43.68	-38.15	7.86	64.94	Peak	68.2	Pass
NVNT	n40	5190	5150	-55.32	-53.55	-54.48	-49.62	7.86	53.47	Average	54	Pass
NVNT	n40	5230	5350	-48.52	-47.74	-49.49	-43.75	7.86	59.34	Peak	68.2	Pass
NVNT	n40	5230	5350	-57.82	-57.77	-57.27	-52.84	7.86	50.25	Average	54	Pass
NVNT	n40	5230	5438.4	-46.99	-46.41	-47.28	-42.11	7.86	60.98	Peak	68.2	Pass
NVNT	n40	5230	5390.61	-57	-57	-57.19	-52.29	7.86	50.80	Average	54	Pass
NVNT	n40	5230	5460	-51.66	-48.6	-50.05	-45.16	7.86	57.93	Peak	68.2	Pass
NVNT	n40	5230	5460	-57.94	-58.14	-58.3	-53.35	7.86	49.74	Average	54	Pass
NVNT	ac20	5180	4500	-49.58	-50.88	-49.79	-45.28	7.86	57.81	Peak	68.2	Pass
NVNT	ac20	5180	4500	-58.47	-58.19	-58.21	-53.52	7.86	49.57	Average	54	Pass
NVNT	ac20	5180	5148.9	-44.6	-41.6	-39.43	-36.62	7.86	66.47	Peak	68.2	Pass
NVNT	ac20	5180	5148.9	-55.81	-54.55	-53.03	-49.54	7.86	53.54	Average	54	Pass
NVNT	ac20	5180	5150	-47.94	-40.18	-41.15	-37.24	7.86	65.85	Peak	68.2	Pass
NVNT	ac20	5180	5150	-55.31	-54.64	-52.89	-49.39	7.86	53.70	Average	54	Pass
NVNT	ac20	5240	5350	-49.85	-49.02	-50.95	-45.10	7.86	57.99	Peak	68.2	Pass
NVNT	ac20	5240	5350	-57.56	-56.8	-57.45	-52.49	7.86	50.60	Average	54	Pass
NVNT	ac20	5240	5410.08	-46.59	-46.09	-46.35	-41.57	7.86	61.52	Peak	68.2	Pass
NVNT	ac20	5240	5350.8	-56.68	-56.77	-57.05	-52.06	7.86	51.03	Average	54	Pass
NVNT	ac20	5240	5460	-50.28	-49.53	-50.73	-45.38	7.86	57.71	Peak	68.2	Pass
NVNT	ac20	5240	5460	-58.43	-57.91	-57.77	-53.26	7.86	49.83	Average	54	Pass

NVNT	ac40	5190	4500	-49.73	-48.93	-50.54	-44.91	7.86	58.18	Peak	68.2	Pass
NVNT	ac40	5190	4500	-58.32	-58.46	-58.08	-53.51	7.86	49.57	Average	54	Pass
NVNT	ac40	5190	5148.24	-45.71	-39.5	-41.85	-36.90	7.86	66.19	Peak	68.2	Pass
NVNT	ac40	5190	5148.97	-54.77	-53.71	-54.16	-49.42	7.86	53.67	Average	54	Pass
NVNT	ac40	5190	5150	-47.58	-44.27	-43.59	-40.06	7.86	63.03	Peak	68.2	Pass
NVNT	ac40	5190	5150	-55.73	-53.71	-54.16	-49.68	7.86	53.41	Average	54	Pass
NVNT	ac40	5230	5350	-48.31	-48.87	-49.37	-44.06	7.86	59.03	Peak	68.2	Pass
NVNT	ac40	5230	5350	-57.6	-57.74	-58	-53.01	7.86	50.08	Average	54	Pass
NVNT	ac40	5230	5351.19	-46.97	-47.25	-46.57	-42.15	7.86	60.94	Peak	68.2	Pass
NVNT	ac40	5230	5366.58	-57.12	-56.84	-56.99	-52.21	7.86	50.88	Average	54	Pass
NVNT	ac40	5230	5460	-50.2	-48.73	-49.84	-44.77	7.86	58.32	Peak	68.2	Pass
NVNT	ac40	5230	5460	-58.09	-58.27	-58.24	-53.43	7.86	49.66	Average	54	Pass
NVNT	ac80	5210	5350	-49.13	-49.65	-49.65	-44.70	7.86	58.39	Peak	68.2	Pass
NVNT	ac80	5210	5350	-57.36	-56.93	-56.96	-52.31	7.86	50.78	Average	54	Pass
NVNT	ac80	5210	5435.25	-46.3	-45.52	-46.3	-41.25	7.86	61.83	Peak	68.2	Pass
NVNT	ac80	5210	5356.71	-56.61	-56.49	-56.1	-51.62	7.86	51.46	Average	54	Pass
NVNT	ac80	5210	5460	-48.45	-48.16	-49.72	-43.95	7.86	59.13	Peak	68.2	Pass
NVNT	ac80	5210	5460	-57.54	-57.25	-57.52	-52.66	7.86	50.42	Average	54	Pass
NVNT	ac80	5210	4500	-51.31	-49.44	-50.53	-45.59	7.86	57.50	Peak	68.2	Pass
NVNT	ac80	5210	4500	-58.47	-58.72	-58.29	-53.72	7.86	49.37	Average	54	Pass
NVNT	ac80	5210	5148.59	-45.76	-42.23	-43.66	-38.88	7.86	64.21	Peak	68.2	Pass
NVNT	ac80	5210	5147.01	-55.09	-54.08	-53.62	-49.45	7.86	53.64	Average	54	Pass
NVNT	ac80	5210	5150	-45.31	-42.06	-42.8	-38.41	7.86	64.68	Peak	68.2	Pass
NVNT	ac80	5210	5150	-55.57	-53.63	-53.44	-49.34	7.86	53.75	Average	54	Pass
NVNT	ac160	5250	5350	-49.65	-50.61	-50.42	-45.44	7.86	57.65	Peak	68.2	Pass
NVNT	ac160	5250	5350	-57.64	-58.07	-57.78	-53.06	7.86	50.03	Average	54	Pass
NVNT	ac160	5250	5354.18	-45	-46.69	-48.6	-41.75	7.86	61.34	Peak	68.2	Pass
NVNT	ac160	5250	5356.4	-54.99	-55.73	-57.2	-51.11	7.86	51.98	Average	54	Pass
NVNT	ac160	5250	5460	-56.16	-56.25	-56.95	-51.67	7.86	51.42	Peak	68.2	Pass
NVNT	ac160	5250	5460	-63.87	-64.94	-65.88	-60.05	7.86	43.04	Average	54	Pass
NVNT	ac160	5250	4500	-60.42	-60.46	-58.89	-55.09	7.86	48.00	Peak	68.2	Pass
NVNT	ac160	5250	4500	-69.29	-69.23	-68.65	-64.28	7.86	38.81	Average	54	Pass
NVNT	ac160	5250	5145.19	-47.39	-48.4	-47.78	-43.07	7.86	60.02	Peak	68.2	Pass
NVNT	ac160	5250	4874.01	-54.08	-54.62	-57.42	-50.38	7.86	52.71	Average	54	Pass
NVNT	ac160	5250	5150	-51.51	-52.6	-54.47	-47.92	7.86	55.17	Peak	68.2	Pass
NVNT	ac160	5250	5150	-58.59	-58.89	-60.52	-54.48	7.86	48.61	Average	54	Pass
NVNT	ax20	5180	4500	-49.42	-51.74	-48.97	-45.11	7.86	57.97	Peak	68.2	Pass
NVNT	ax20	5180	4500	-58.27	-57.61	-58.38	-53.30	7.86	49.79	Average	54	Pass
NVNT	ax20	5180	5148.2	-45.32	-44.14	-40.21	-37.87	7.86	65.21	Peak	68.2	Pass
NVNT	ax20	5180	5149.6	-55.85	-53.8	-52.73	-49.17	7.86	53.92	Average	54	Pass

NVNT	ax20	5180	5150	-46.68	-43.41	-41.15	-38.42	7.86	64.67	Peak	68.2	Pass
NVNT	ax20	5180	5150	-55.98	-53.91	-53.78	-49.68	7.86	53.41	Average	54	Pass
NVNT	ax20	5240	5350	-50.31	-49.43	-50.54	-45.30	7.86	57.79	Peak	68.2	Pass
NVNT	ax20	5240	5350	-57.11	-57.32	-57.46	-52.52	7.86	50.57	Average	54	Pass
NVNT	ax20	5240	5361.12	-46.98	-46.18	-46.99	-41.93	7.86	61.16	Peak	68.2	Pass
NVNT	ax20	5240	5362.08	-56.67	-56.64	-57.03	-52.01	7.86	51.08	Average	54	Pass
NVNT	ax20	5240	5460	-50.19	-50.54	-50.43	-45.61	7.86	57.48	Peak	68.2	Pass
NVNT	ax20	5240	5460	-58.54	-58.18	-58.16	-53.52	7.86	49.57	Average	54	Pass
NVNT	ax40	5190	4500	-50.45	-49.89	-50.3	-45.44	7.86	57.65	Peak	68.2	Pass
NVNT	ax40	5190	4500	-58.64	-58.26	-58.27	-53.62	7.86	49.47	Average	54	Pass
NVNT	ax40	5190	5149.7	-46.1	-38.58	-39.68	-35.67	7.86	67.42	Peak	68.2	Pass
NVNT	ax40	5190	5147.51	-55.87	-54.16	-52.64	-49.26	7.86	53.83	Average	54	Pass
NVNT	ax40	5190	5150	-48.6	-42.32	-43.65	-39.37	7.86	63.72	Peak	68.2	Pass
NVNT	ax40	5190	5150	-55.26	-54.29	-53.1	-49.36	7.86	53.73	Average	54	Pass
NVNT	ax40	5230	5350	-49.83	-50.29	-49.54	-45.10	7.86	57.99	Peak	68.2	Pass
NVNT	ax40	5230	5350	-57.46	-57.65	-57.99	-52.92	7.86	50.17	Average	54	Pass
NVNT	ax40	5230	5379.81	-46.7	-47.62	-47.56	-42.50	7.86	60.59	Peak	68.2	Pass
NVNT	ax40	5230	5402.49	-56.96	-56.93	-56.82	-52.13	7.86	50.96	Average	54	Pass
NVNT	ax40	5230	5460	-49.66	-48.59	-51.1	-44.89	7.86	58.20	Peak	68.2	Pass
NVNT	ax40	5230	5460	-58.17	-58.11	-58.31	-53.42	7.86	49.67	Average	54	Pass
NVNT	ax80	5210	5350	-50.29	-48.91	-48.68	-44.47	7.86	58.62	Peak	68.2	Pass
NVNT	ax80	5210	5350	-56.65	-56.93	-57.84	-52.34	7.86	50.75	Average	54	Pass
NVNT	ax80	5210	5352.42	-46.38	-46.3	-46.66	-41.67	7.86	61.42	Peak	68.2	Pass
NVNT	ax80	5210	5353.74	-56.03	-56.42	-56.45	-51.52	7.86	51.57	Average	54	Pass
NVNT	ax80	5210	5460	-48.61	-50.34	-49.54	-44.67	7.86	58.42	Peak	68.2	Pass
NVNT	ax80	5210	5460	-57.37	-57.2	-57.19	-52.48	7.86	50.61	Average	54	Pass
NVNT	ax80	5210	4500	-50.16	-51.13	-52.23	-46.32	7.86	56.77	Peak	68.2	Pass
NVNT	ax80	5210	4500	-58.45	-57.72	-58.57	-53.46	7.86	49.63	Average	54	Pass
NVNT	ax80	5210	5149.38	-43.12	-43.99	-41.7	-38.06	7.86	65.03	Peak	68.2	Pass
NVNT	ax80	5210	5148.59	-53.67	-53.85	-54.37	-49.18	7.86	53.91	Average	54	Pass
NVNT	ax80	5210	5150	-43.36	-43.75	-42.99	-38.58	7.86	64.51	Peak	68.2	Pass
NVNT	ax80	5210	5150	-53.69	-53.83	-54.39	-49.19	7.86	53.90	Average	54	Pass
NVNT	ax160	5250	5350	-47.92	-48.89	-51.32	-44.38	7.86	58.71	Peak	68.2	Pass
NVNT	ax160	5250	5350	-57.82	-57.43	-59.9	-53.48	7.86	49.61	Average	54	Pass
NVNT	ax160	5250	5354.92	-47.63	-45.62	-49.1	-42.44	7.86	60.65	Peak	68.2	Pass
NVNT	ax160	5250	5356.03	-55.82	-56.62	-57.98	-51.95	7.86	51.14	Average	54	Pass
NVNT	ax160	5250	5460	-54.37	-55.69	-57.86	-50.97	7.86	52.12	Peak	68.2	Pass
NVNT	ax160	5250	5460	-63.45	-63.67	-65.62	-59.37	7.86	43.72	Average	54	Pass
NVNT	ax160	5250	4500	-60.28	-58.89	-61.19	-55.24	7.86	47.85	Peak	68.2	Pass
NVNT	ax160	5250	4500	-68.93	-68.91	-68.39	-63.96	7.86	39.13	Average	54	Pass

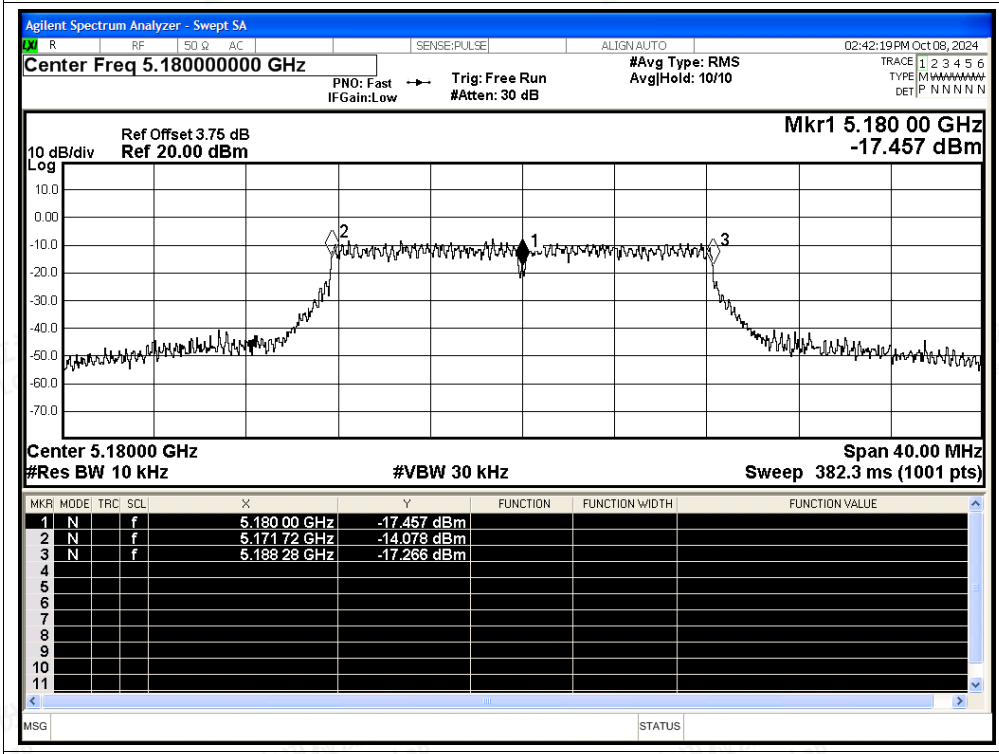
NVNT	ax160	5250	5145.19	-46.42	-47.48	-49.36	-42.82	7.86	60.27	Peak	68.2	Pass
NVNT	ax160	5250	4874.01	-55.63	-55.75	-58.94	-51.76	7.86	51.33	Average	54	Pass
NVNT	ax160	5250	5150	-49.5	-49.63	-53.61	-45.77	7.86	57.32	Peak	68.2	Pass
NVNT	ax160	5250	5150	-57.64	-58.81	-61.45	-54.26	7.86	48.83	Average	54	Pass

B.5 Frequency Stability

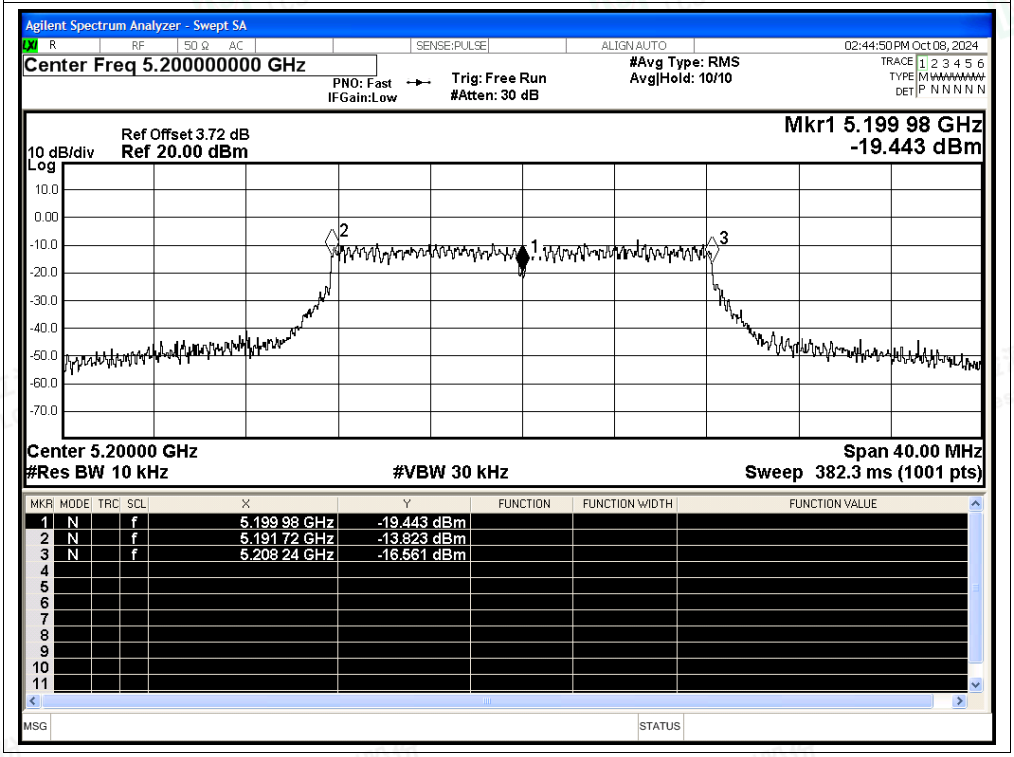
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	a	5180	Ant0	5180	0	0	25	Pass
NVNT	a	5200	Ant0	5199.98	-20000	-3.85	25	Pass
NVNT	a	5240	Ant0	5239.96	-40000	-7.63	25	Pass
NVNT	n20	5180	Ant0	5179.98	-20000	-3.86	25	Pass
NVNT	n20	5200	Ant0	5199.96	-40000	-7.69	25	Pass
NVNT	n20	5240	Ant0	5239.98	-20000	-3.82	25	Pass
NVNT	n40	5190	Ant0	5190	0	0	25	Pass
NVNT	n40	5230	Ant0	5230	0	0	25	Pass
NVNT	ac20	5180	Ant0	5180	0	0	25	Pass
NVNT	ac20	5200	Ant0	5199.98	-20000	-3.85	25	Pass
NVNT	ac20	5240	Ant0	5239.98	-20000	-3.82	25	Pass
NVNT	ac40	5190	Ant0	5189.96	-40000	-7.71	25	Pass
NVNT	ac40	5230	Ant0	5229.96	-40000	-7.65	25	Pass
NVNT	ac80	5210	Ant0	5210	0	0	25	Pass
NVNT	ac160	5250	Ant0	5250	0	0	25	Pass
NVNT	ax20	5180	Ant0	5180	0	0	25	Pass
NVNT	ax20	5200	Ant0	5199.98	-20000	-3.85	25	Pass
NVNT	ax20	5240	Ant0	5239.98	-20000	-3.82	25	Pass
NVNT	ax40	5190	Ant0	5190	0	0	25	Pass
NVNT	ax40	5230	Ant0	5230	0	0	25	Pass
NVNT	ax80	5210	Ant0	5210	0	0	25	Pass
NVNT	ax160	5250	Ant0	5250	0	0	25	Pass

Test Graphs

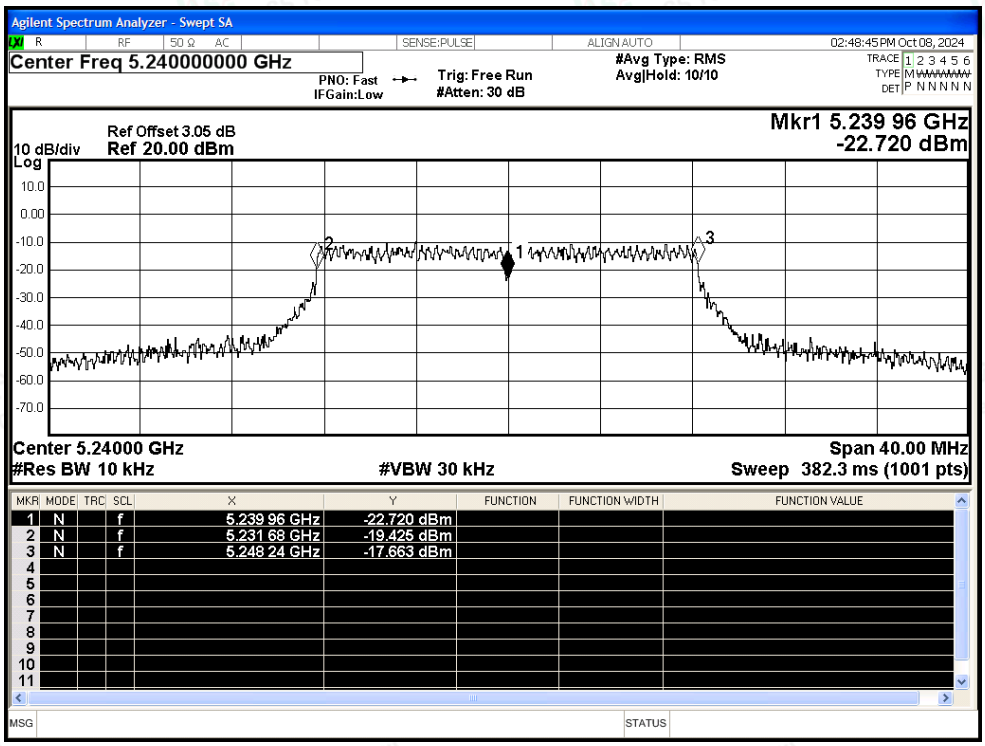
Freq. Stability NVNT a 5180MHz Ant0



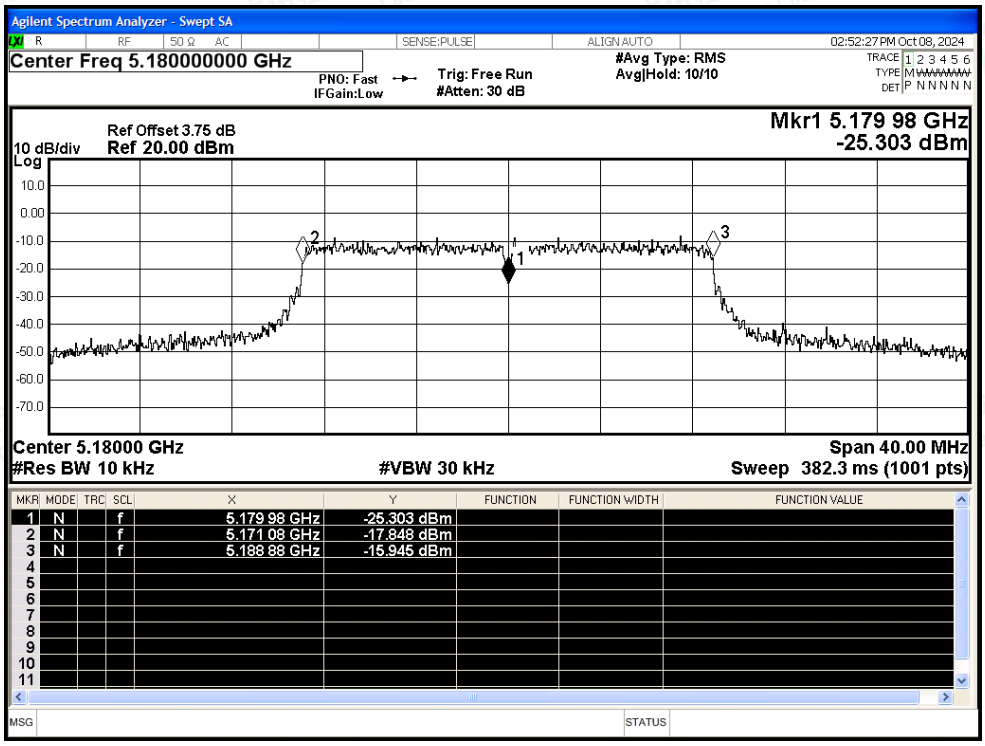
Freq. Stability NVNT a 5200MHz Ant0



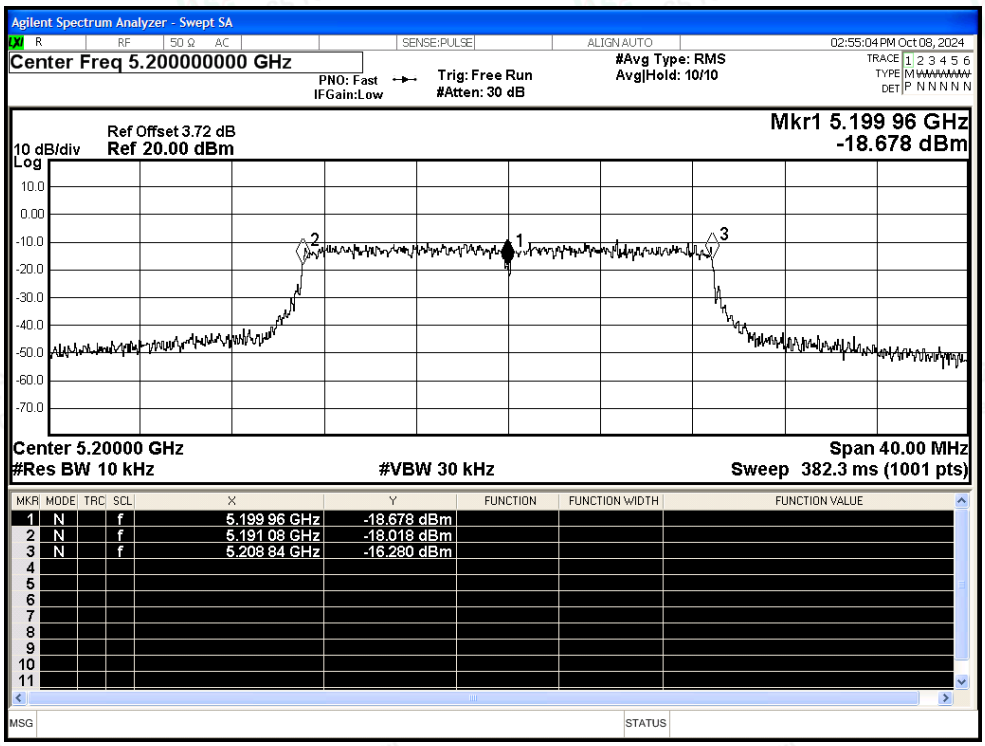
Freq. Stability NVNT a 5240MHz Ant0



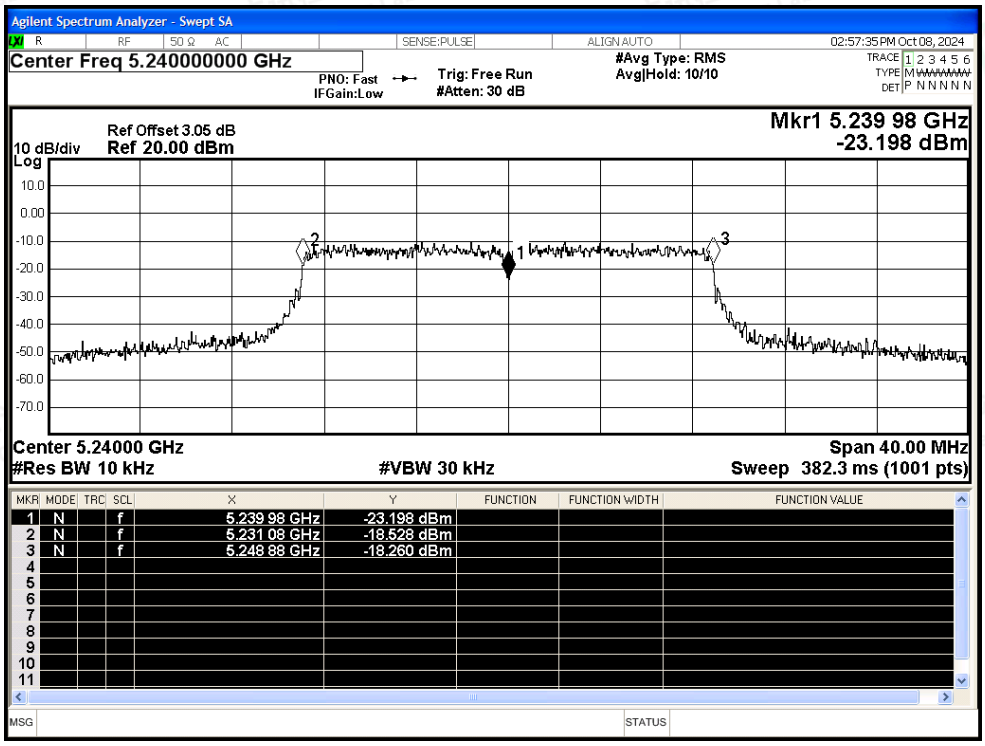
Freq. Stability NVNT n20 5180MHz Ant0



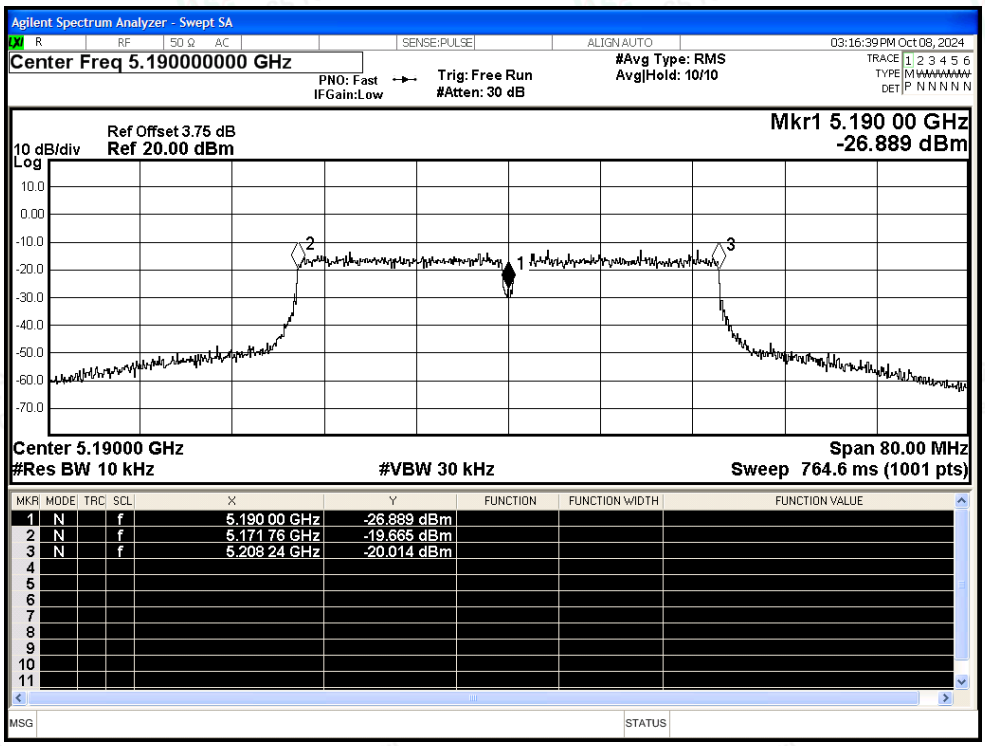
Freq. Stability NVNT n20 5200MHz Ant0



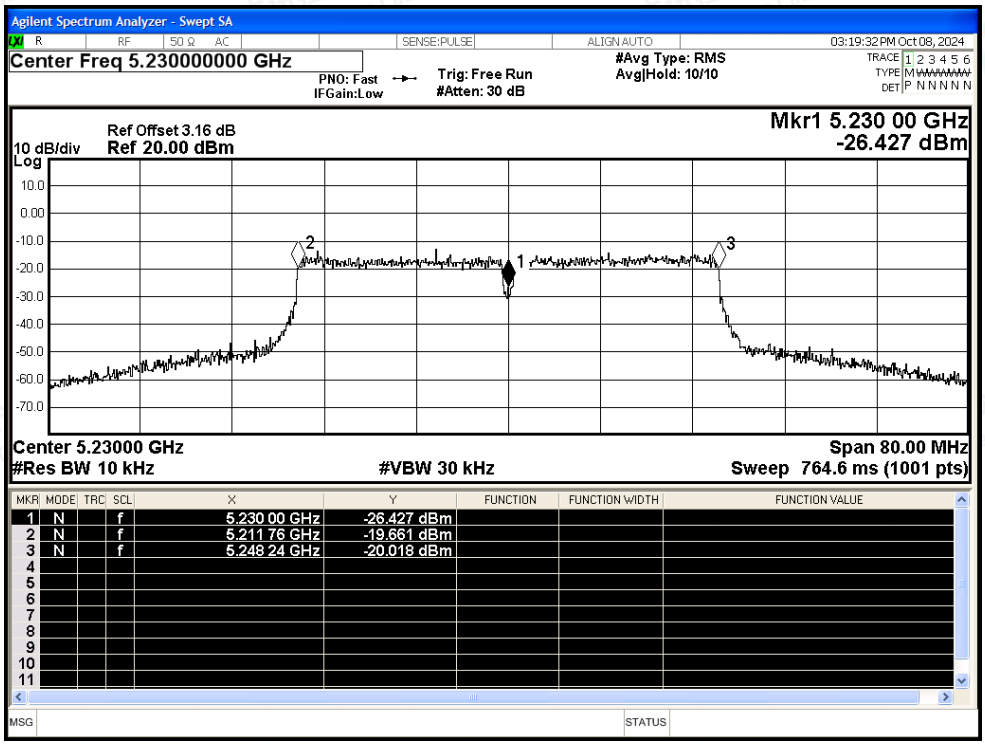
Freq. Stability NVNT n20 5240MHz Ant0



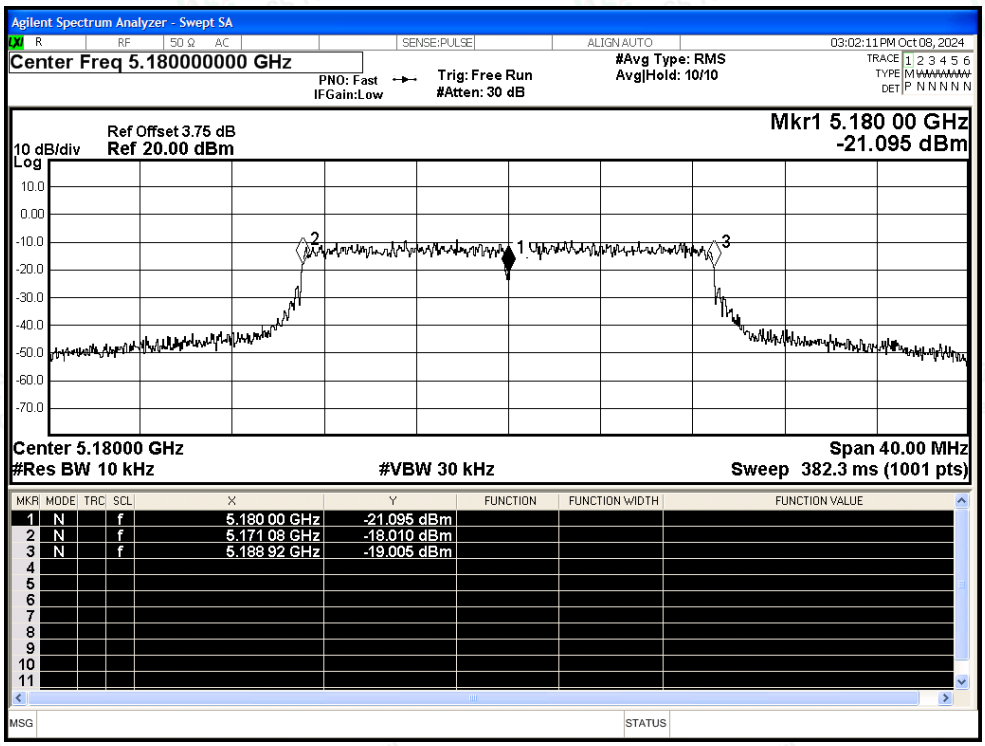
Freq. Stability NVNT n40 5190MHz Ant0



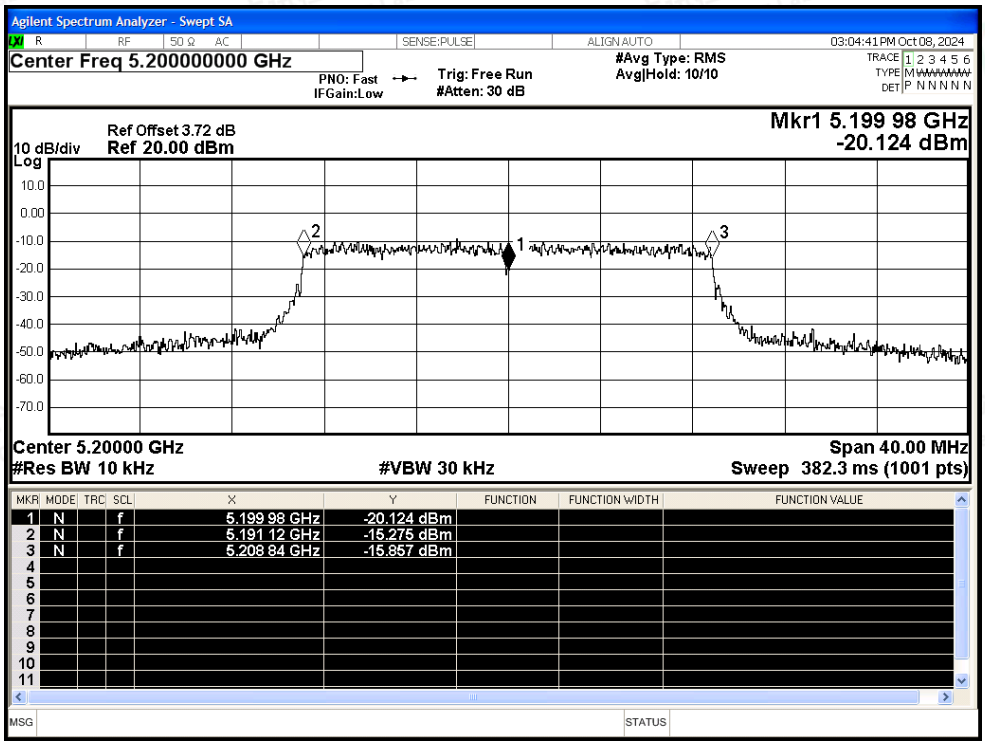
Freq. Stability NVNT n40 5230MHz Ant0



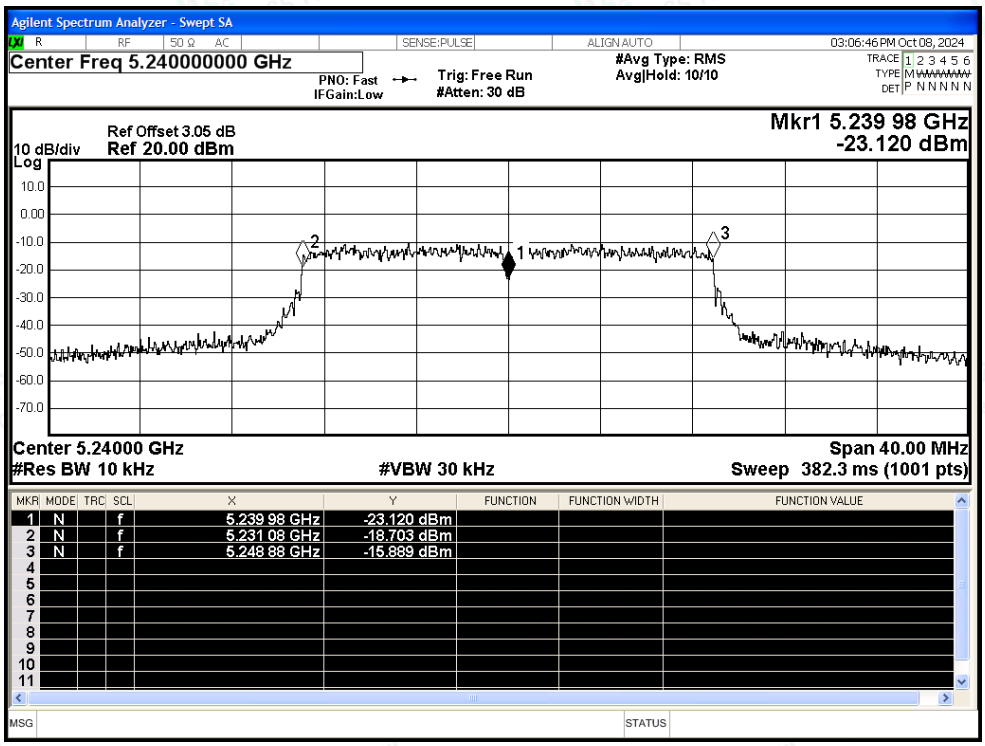
Freq. Stability NVNT ac20 5180MHz Ant0



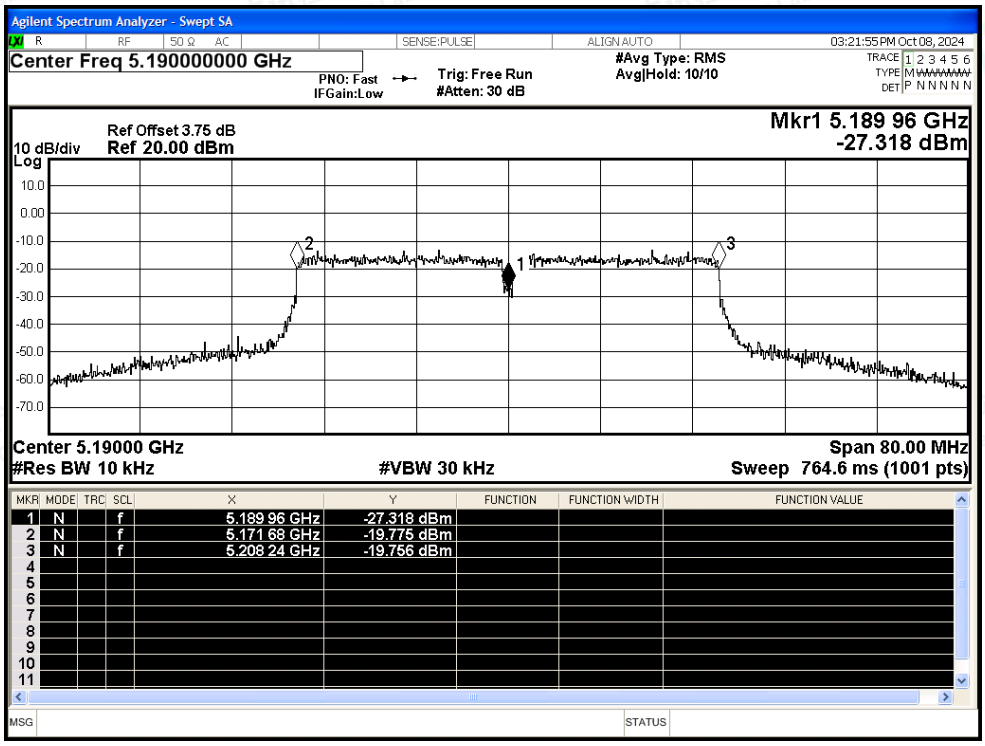
Freq. Stability NVNT ac20 5200MHz Ant0



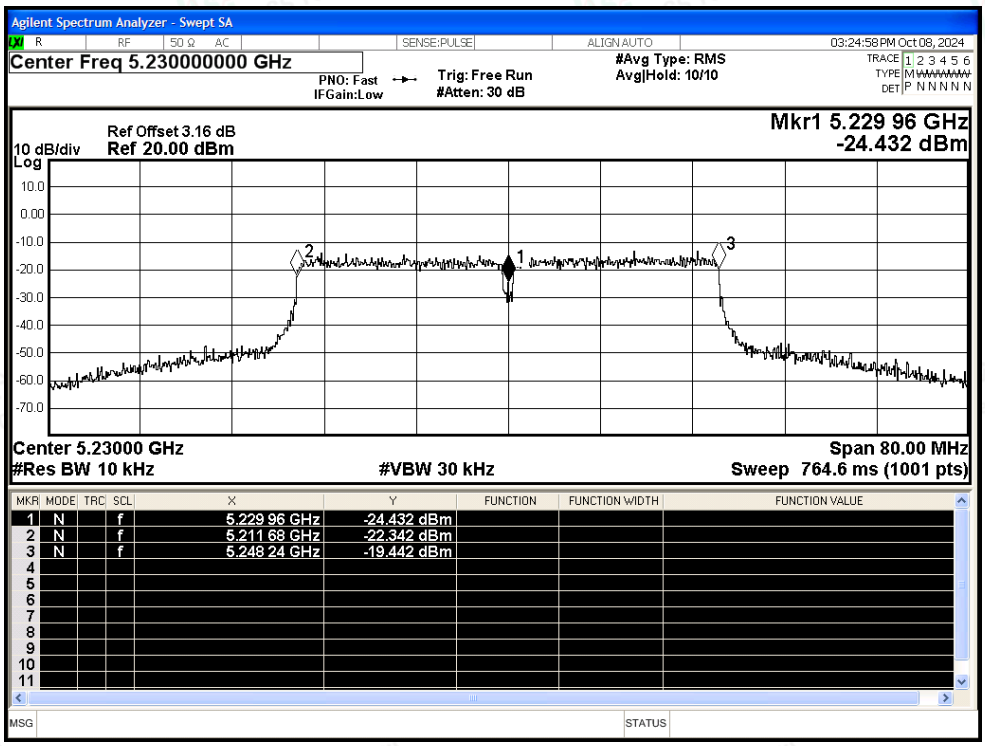
Freq. Stability NVNT ac20 5240MHz Ant0



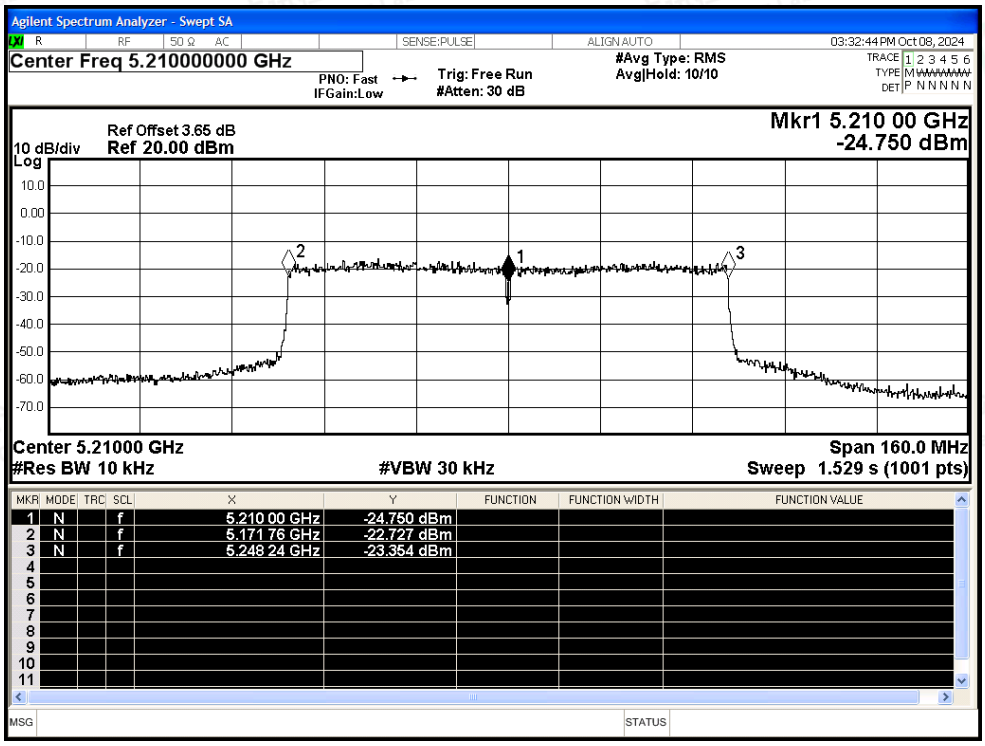
Freq. Stability NVNT ac40 5190MHz Ant0



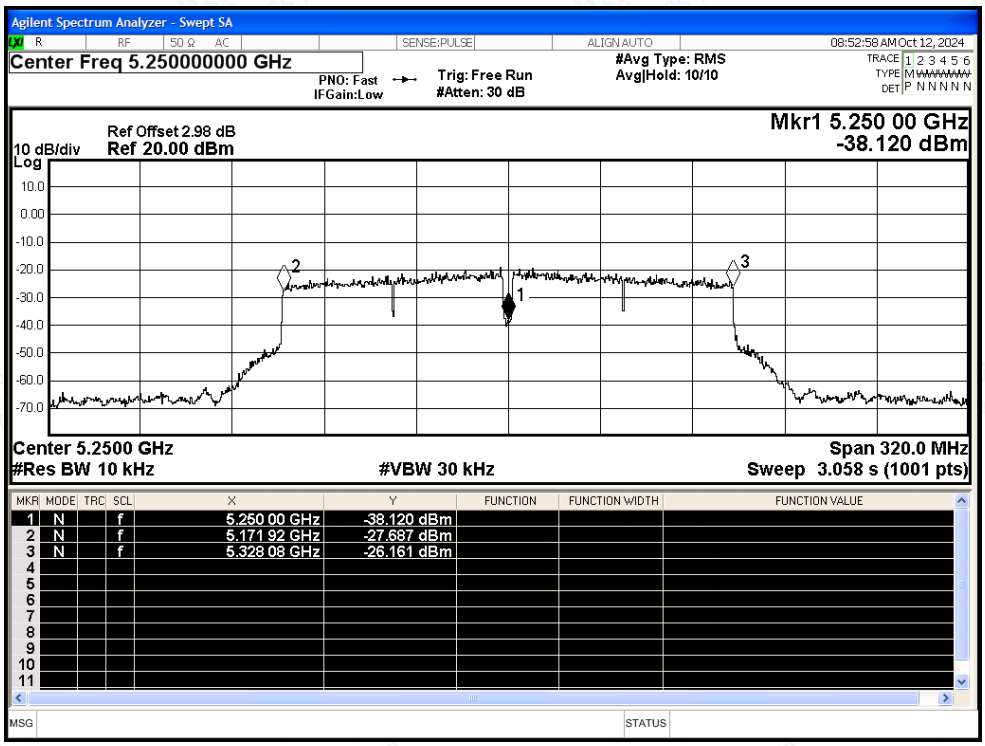
Freq. Stability NVNT ac40 5230MHz Ant0



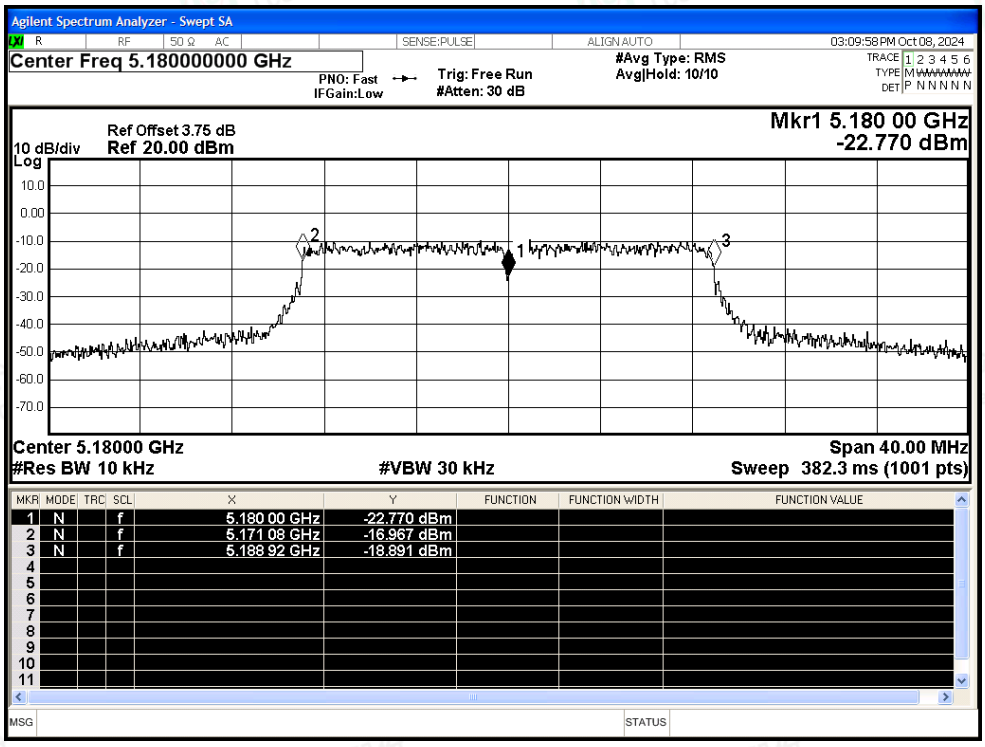
Freq. Stability NVNT ac80 5210MHz Ant0



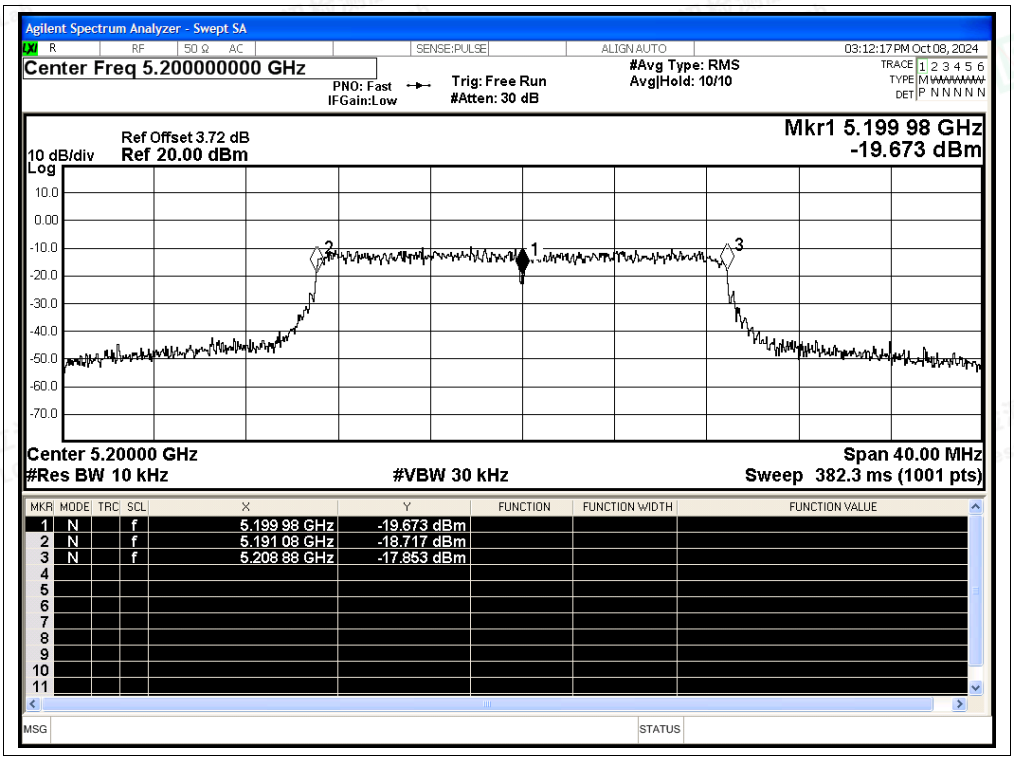
Freq. Stability NVNT ac160 5250MHz Ant0



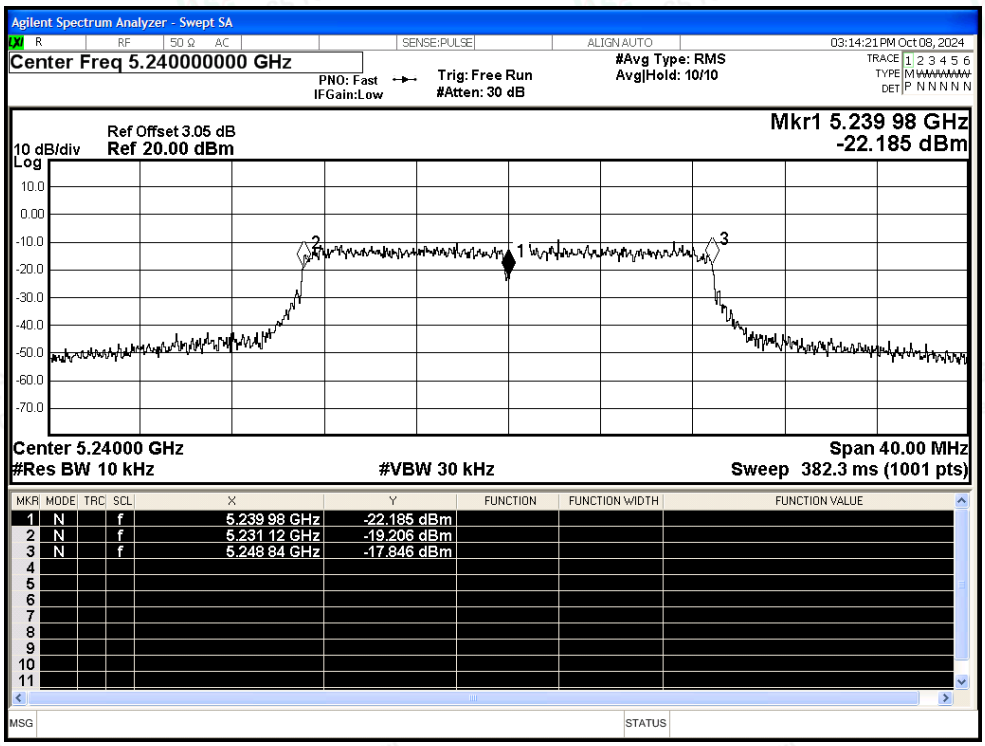
Freq. Stability NVNT ax20 5180MHz Ant0



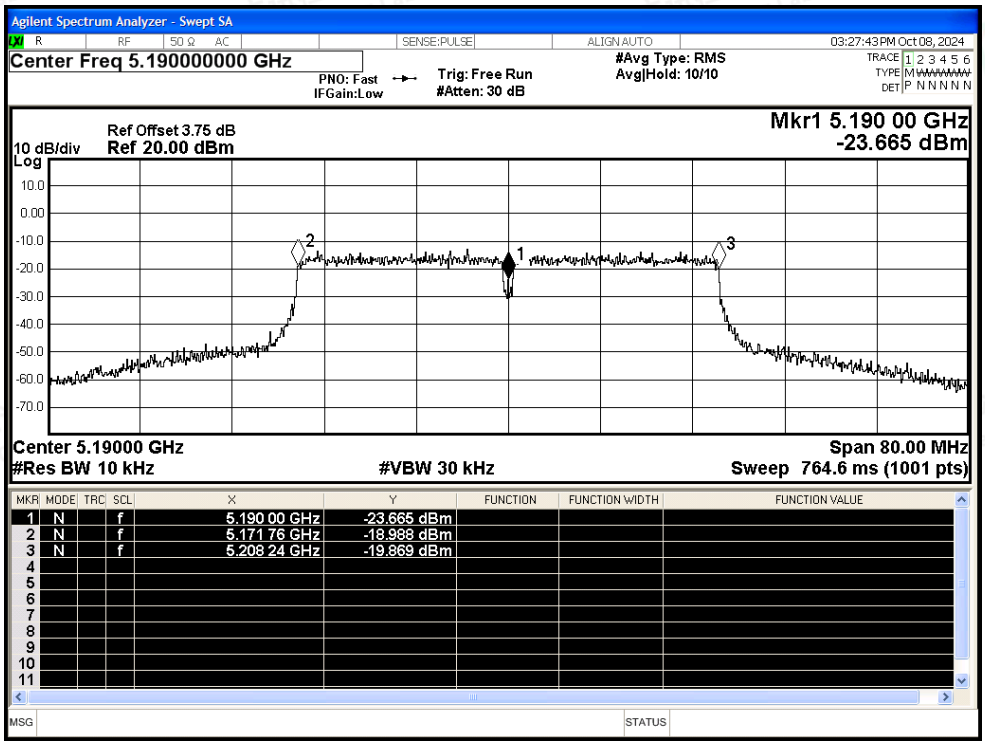
Freq. Stability NVNT ax20 5200MHz Ant0


Agilent Spectrum Analyzer - Swept SA
Center Freq 5.200000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
#Avg Type: RMS
Avg|Hold: 10/10
03:12:17 PM Oct 08, 2024
Ref Offset 3.72 dB
10 dB/div
Ref 20.00 dBm
Mkr1 5.199 98 GHz
-19.673 dBm
Center 5.20000 GHz
#Res BW 10 kHz
#VBW 30 kHz
Span 40.00 MHz
Sweep 382.3 ms (1001 pts)
1 N f 5.199 98 GHz -19.673 dBm
2 N f 5.191 08 GHz -18.717 dBm
3 N f 5.208 88 GHz -17.853 dBm

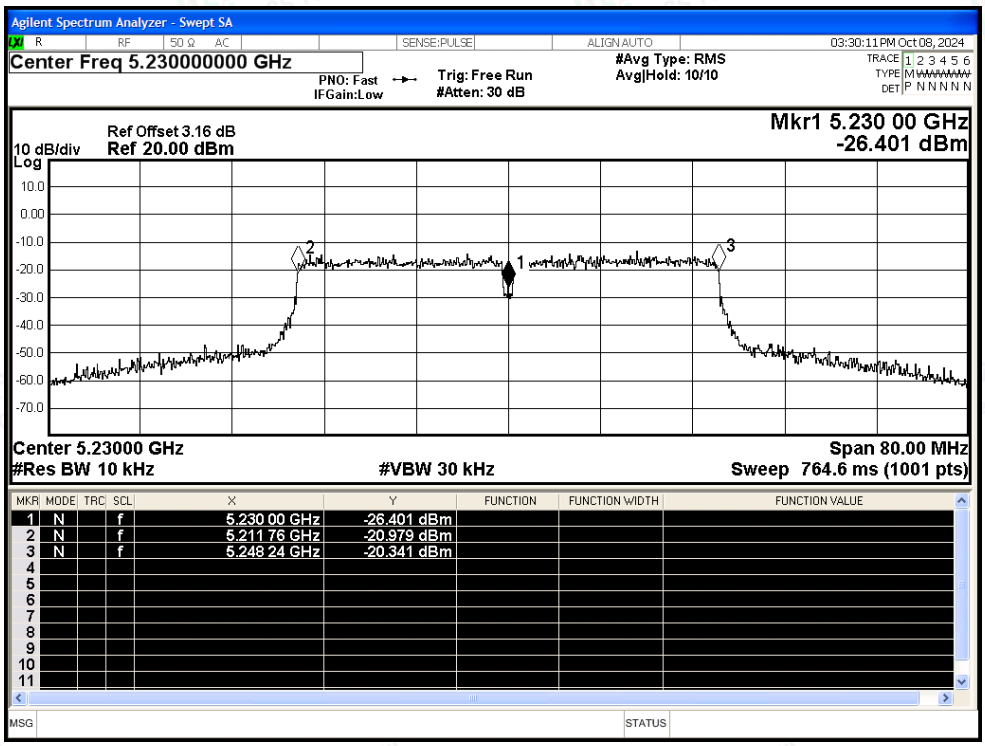
Freq. Stability NVNT ax20 5240MHz Ant0



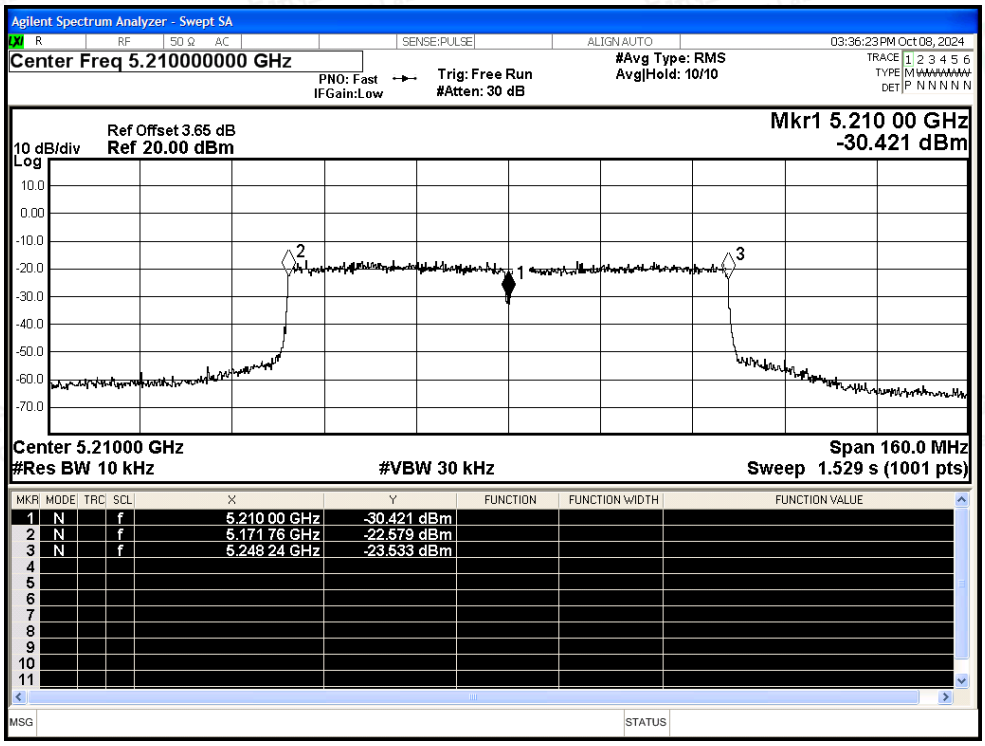
Freq. Stability NVNT ax40 5190MHz Ant0



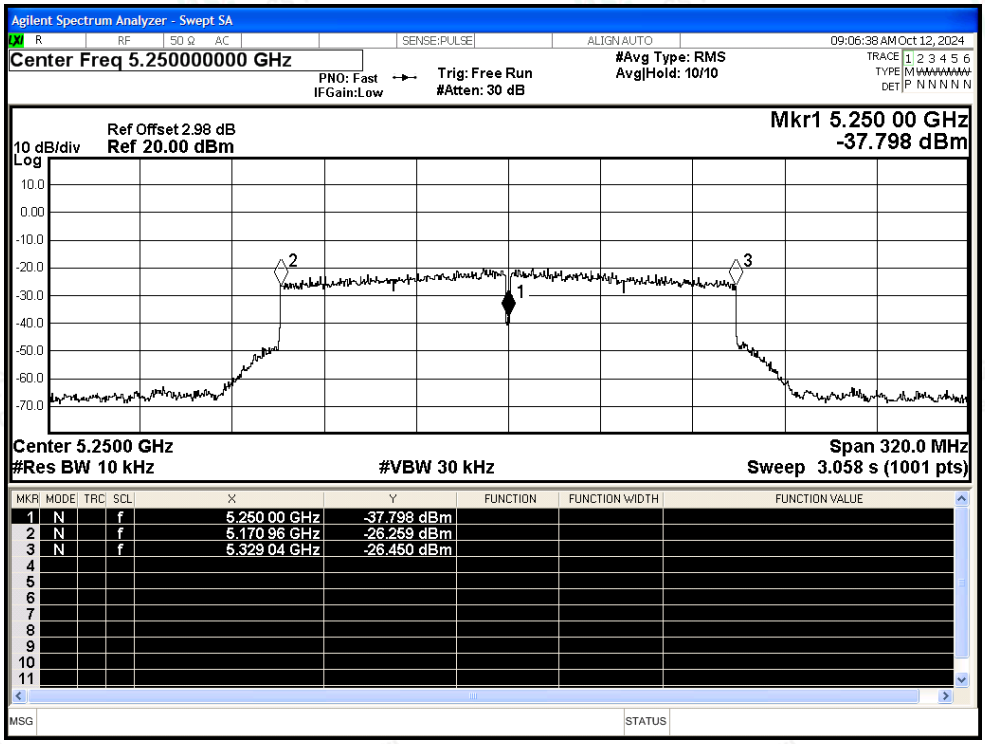
Freq. Stability NVNT ax40 5230MHz Ant0



Freq. Stability NVNT ax80 5210MHz Ant0



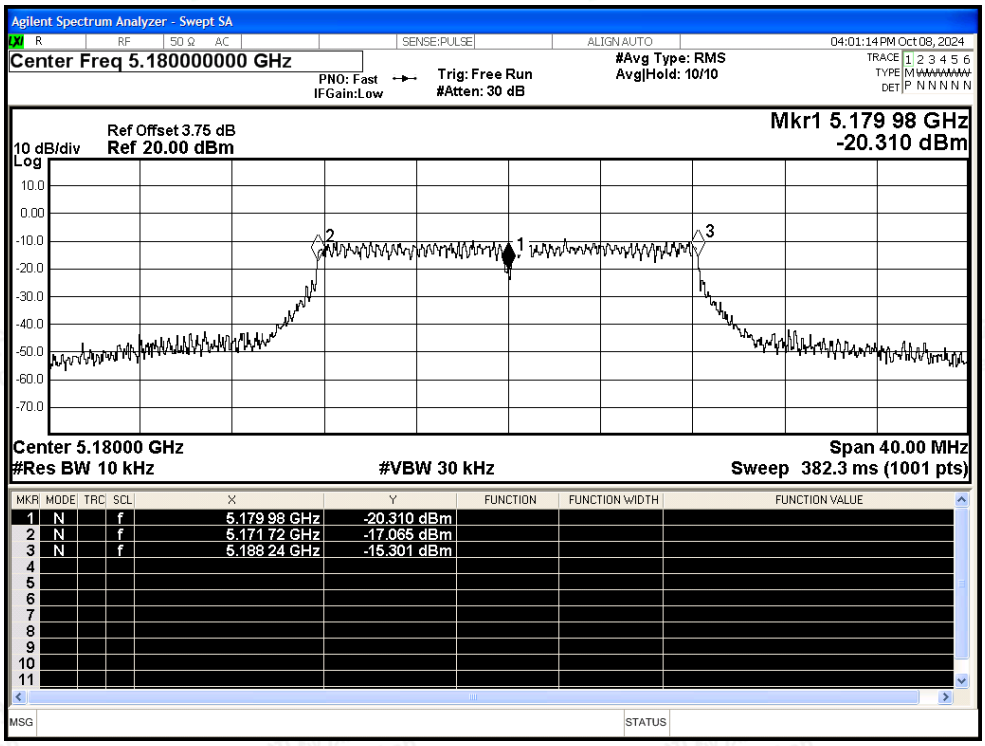
Freq. Stability NVNT ax160 5250MHz Ant0



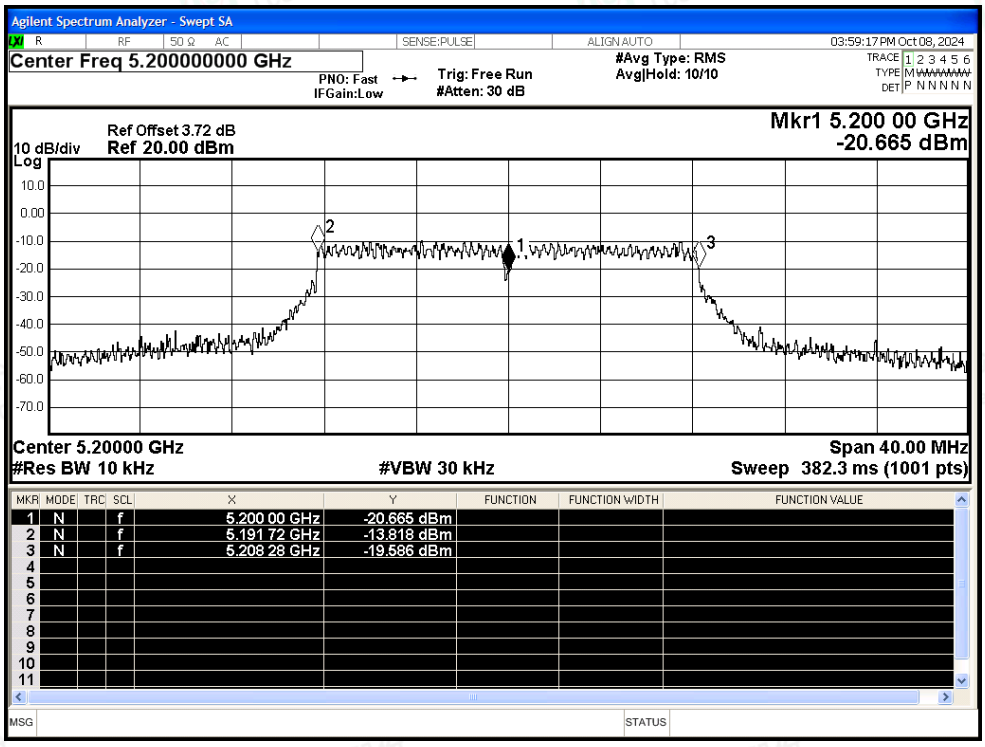
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	a	5180	Ant1	5179.98	-20000	-3.86	25	Pass
NVNT	a	5200	Ant1	5200	0	0	25	Pass
NVNT	a	5240	Ant1	5239.98	-20000	-3.82	25	Pass
NVNT	n20	5180	Ant1	5179.98	-20000	-3.86	25	Pass
NVNT	n20	5200	Ant1	5199.98	-20000	-3.85	25	Pass
NVNT	n20	5240	Ant1	5239.98	-20000	-3.82	25	Pass
NVNT	n40	5190	Ant1	5189.96	-40000	-7.71	25	Pass
NVNT	n40	5230	Ant1	5230	0	0	25	Pass
NVNT	ac20	5180	Ant1	5180	0	0	25	Pass
NVNT	ac20	5200	Ant1	5199.98	-20000	-3.85	25	Pass
NVNT	ac20	5240	Ant1	5239.98	-20000	-3.82	25	Pass
NVNT	ac40	5190	Ant1	5190	0	0	25	Pass
NVNT	ac40	5230	Ant1	5230	0	0	25	Pass
NVNT	ac80	5210	Ant1	5210	0	0	25	Pass
NVNT	ac160	5250	Ant1	5250	0	0	25	Pass
NVNT	ax20	5180	Ant1	5179.98	-20000	-3.86	25	Pass
NVNT	ax20	5200	Ant1	5199.98	-20000	-3.85	25	Pass
NVNT	ax20	5240	Ant1	5240	0	0	25	Pass
NVNT	ax40	5190	Ant1	5190	0	0	25	Pass
NVNT	ax40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
NVNT	ax80	5210	Ant1	5210	0	0	25	Pass
NVNT	ax160	5250	Ant1	5250	0	0	25	Pass

Test Graphs

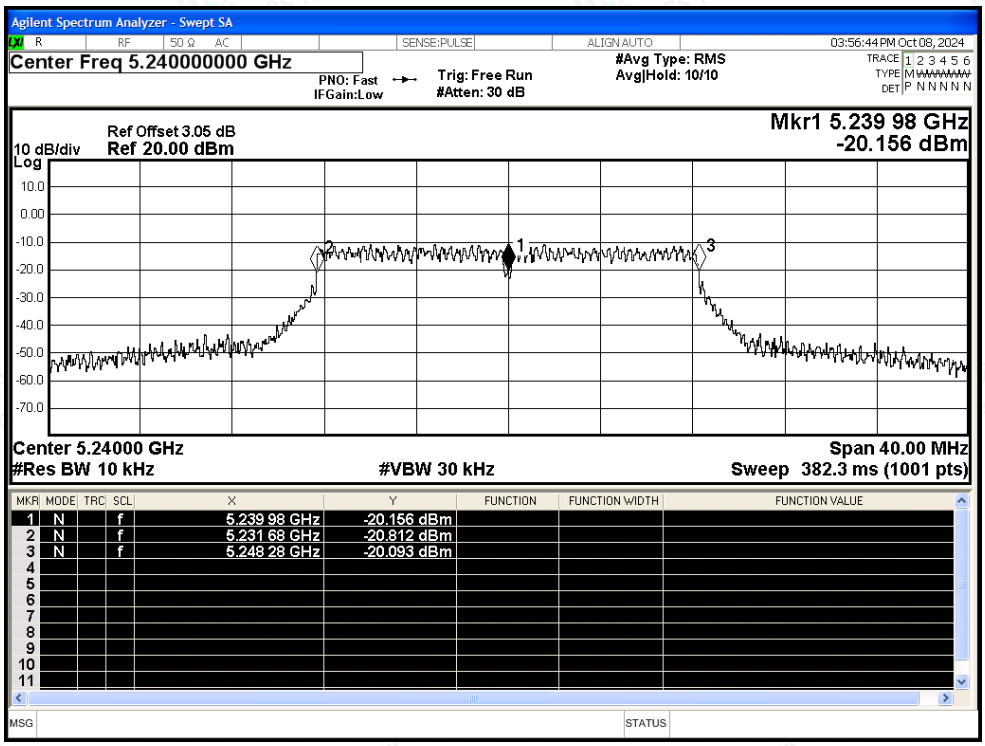
Freq. Stability NVNT a 5180MHz Ant1



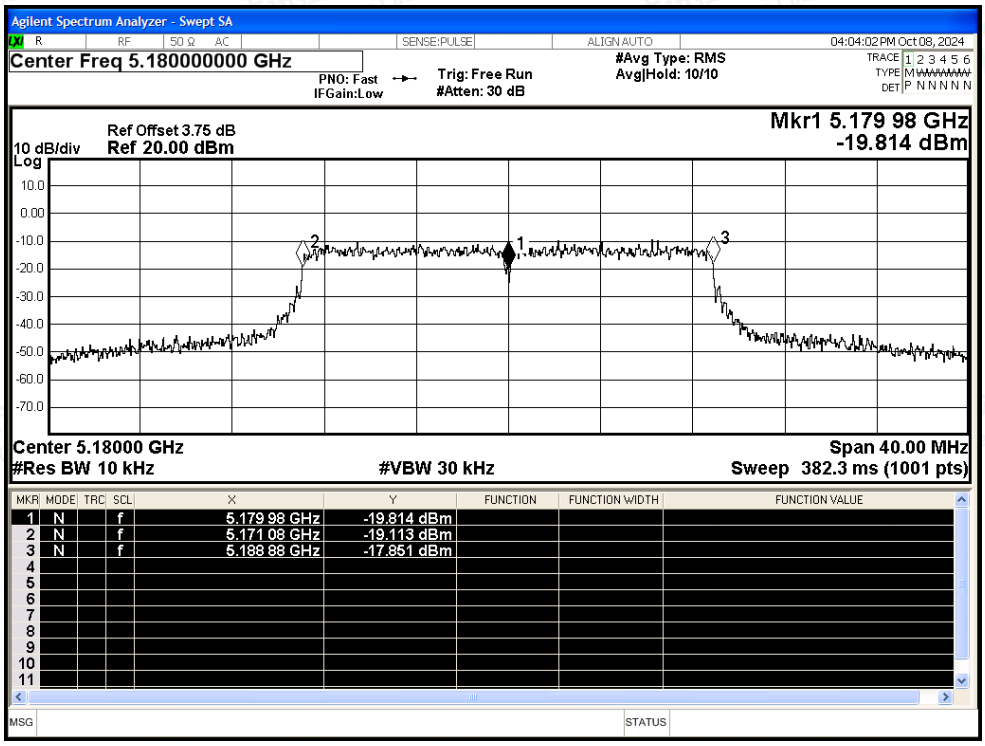
Freq. Stability NVNT a 5200MHz Ant1



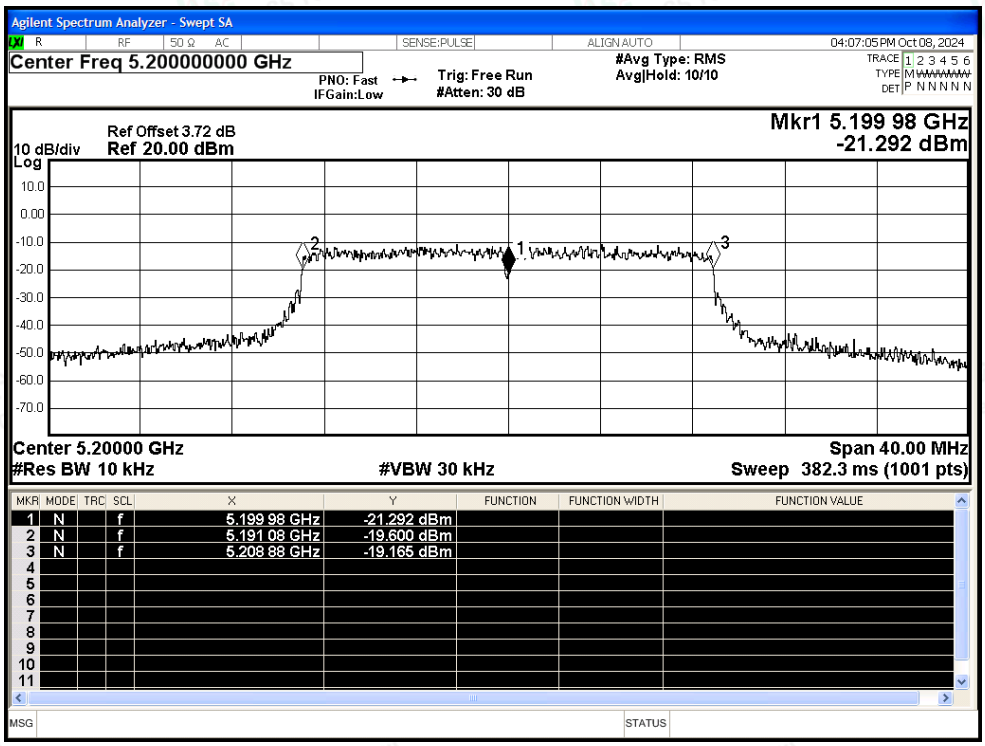
Freq. Stability NVNT a 5240MHz Ant1



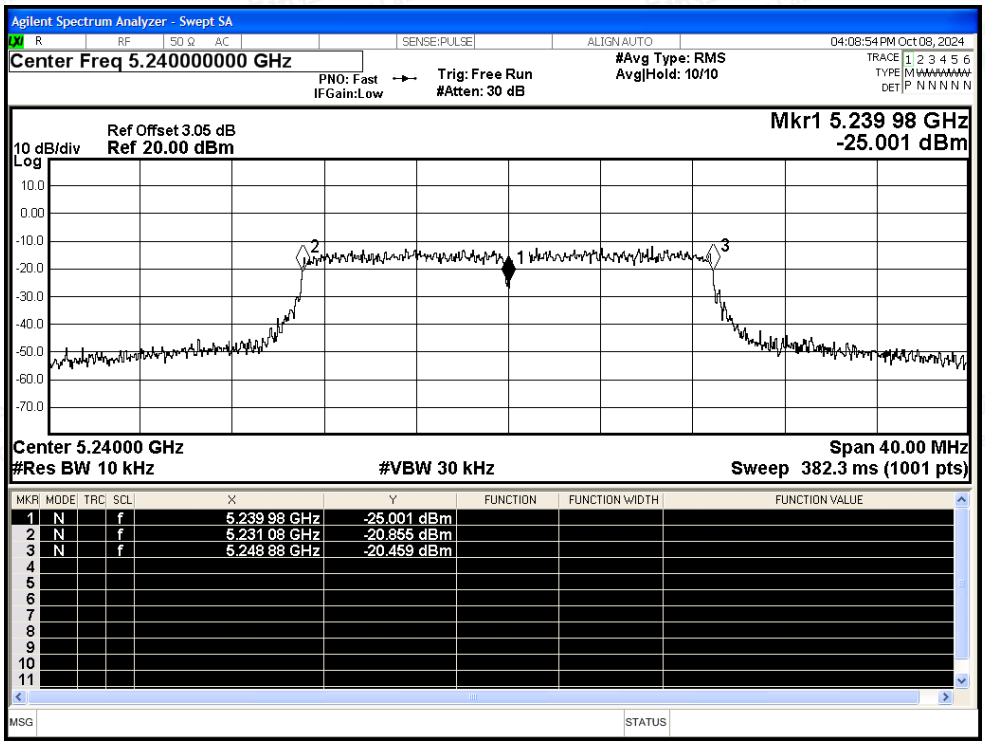
Freq. Stability NVNT n20 5180MHz Ant1



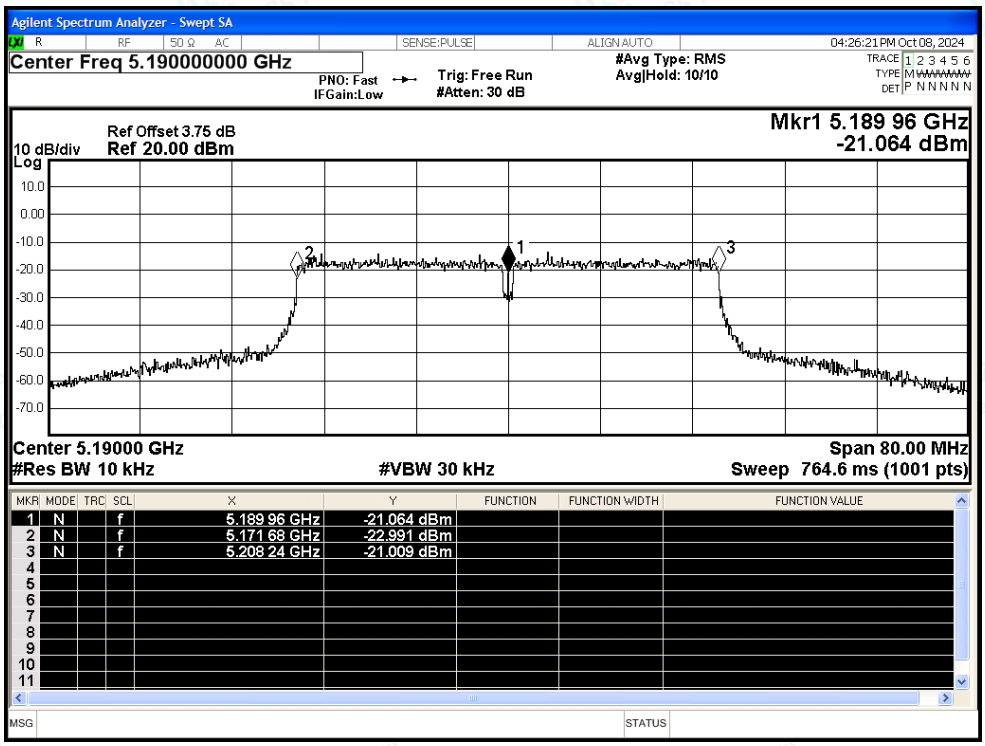
Freq. Stability NVNT n20 5200MHz Ant1



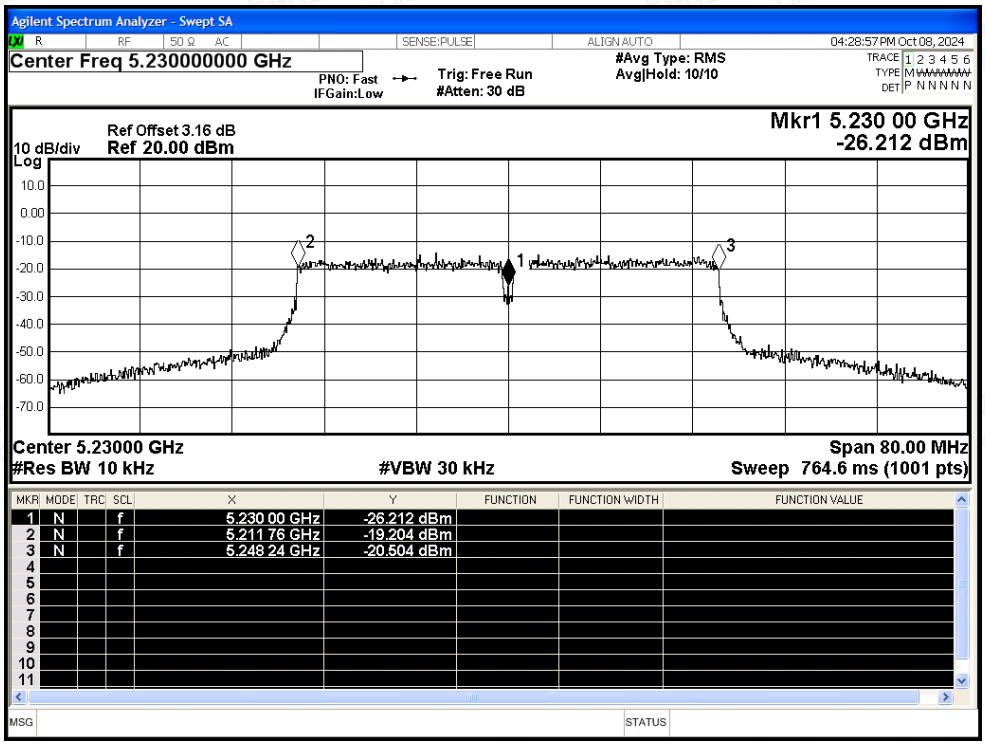
Freq. Stability NVNT n20 5240MHz Ant1



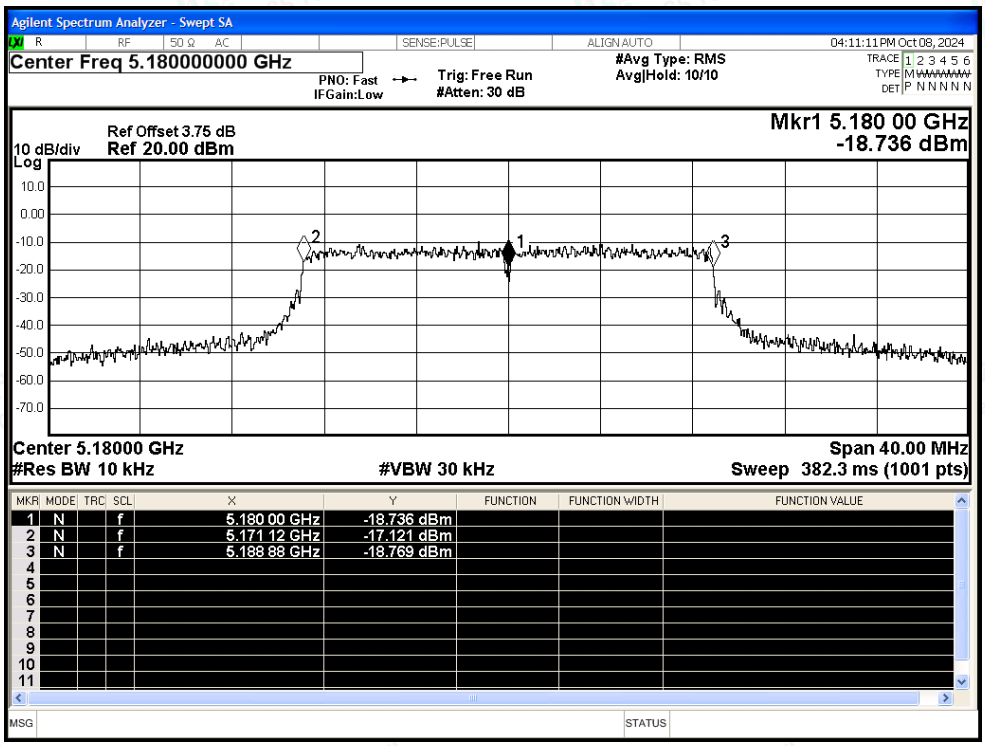
Freq. Stability NVNT n40 5190MHz Ant1



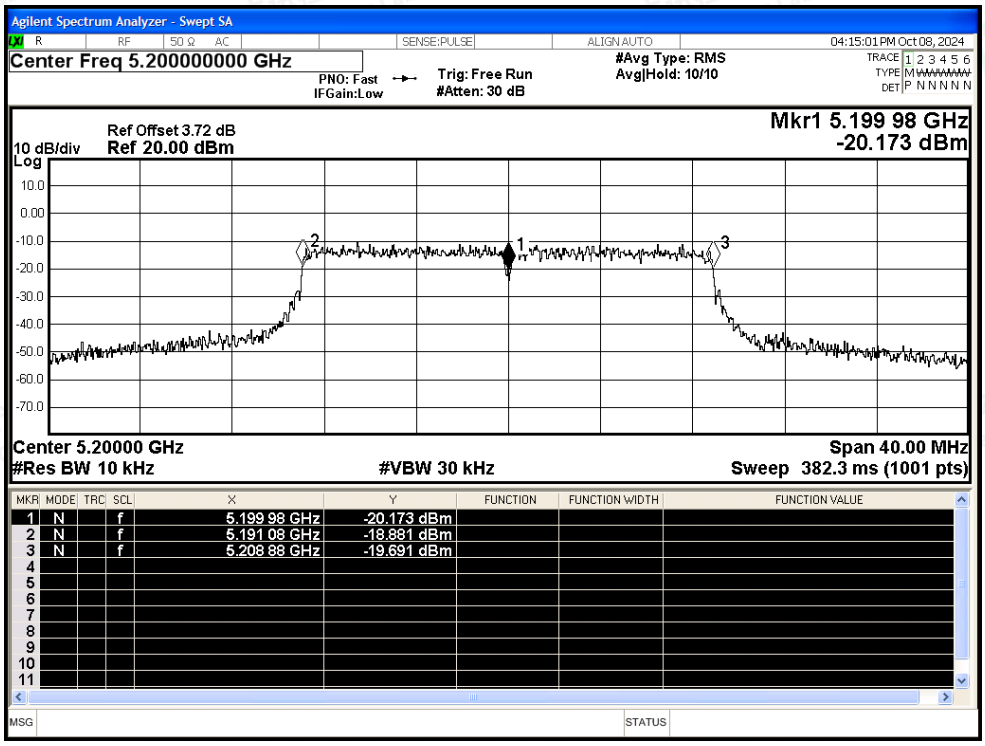
Freq. Stability NVNT n40 5230MHz Ant1



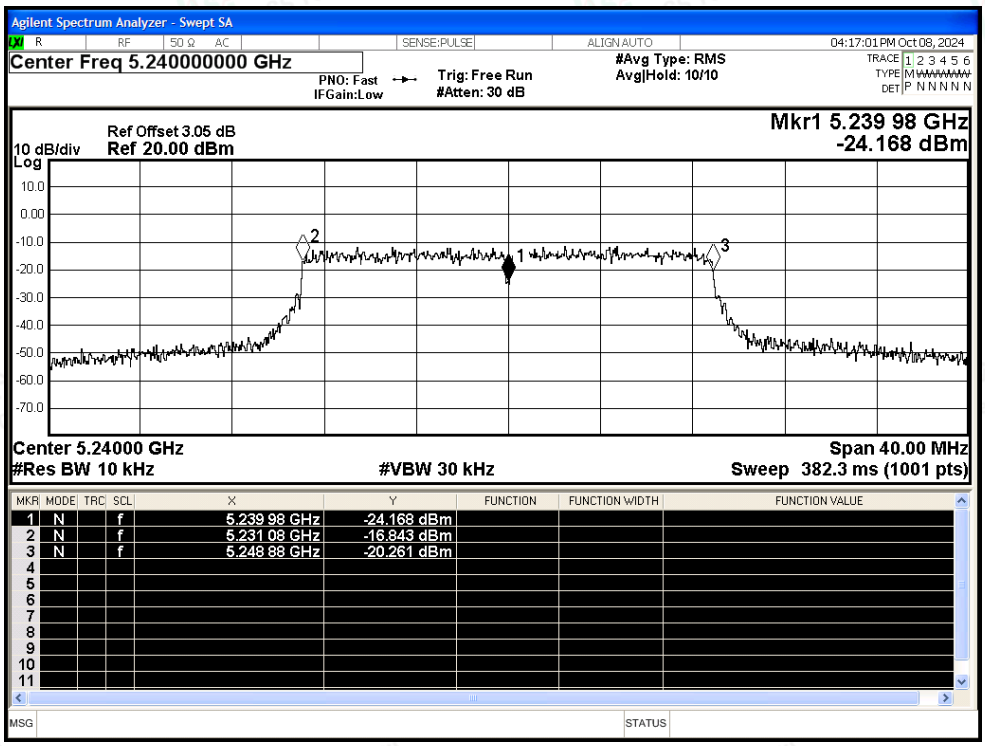
Freq. Stability NVNT ac20 5180MHz Ant1



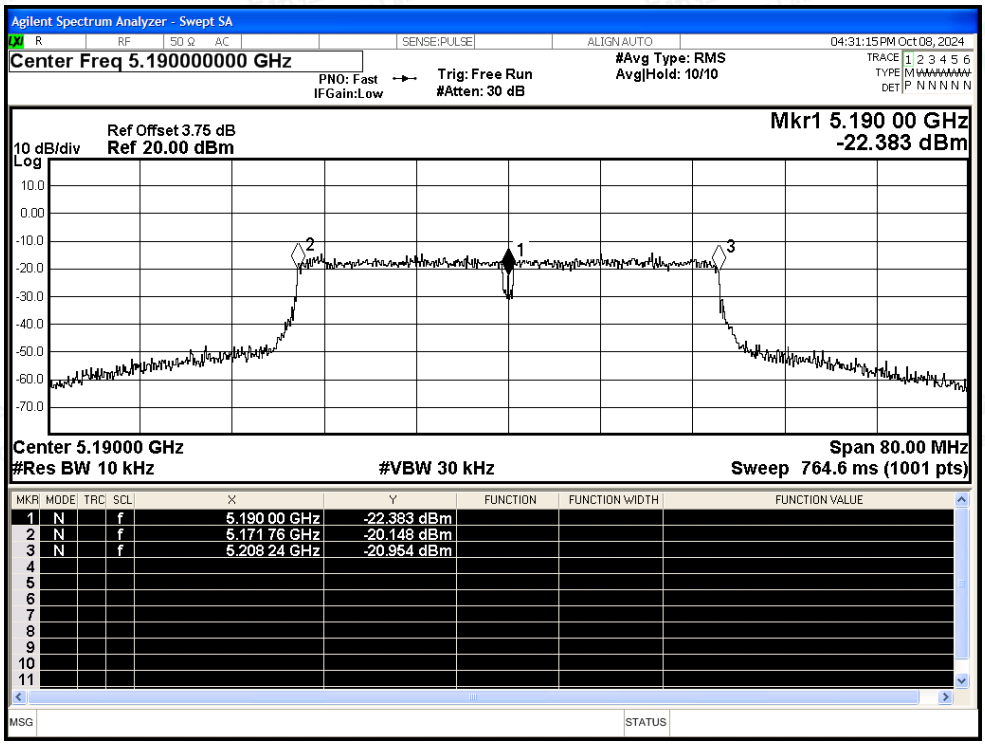
Freq. Stability NVNT ac20 5200MHz Ant1



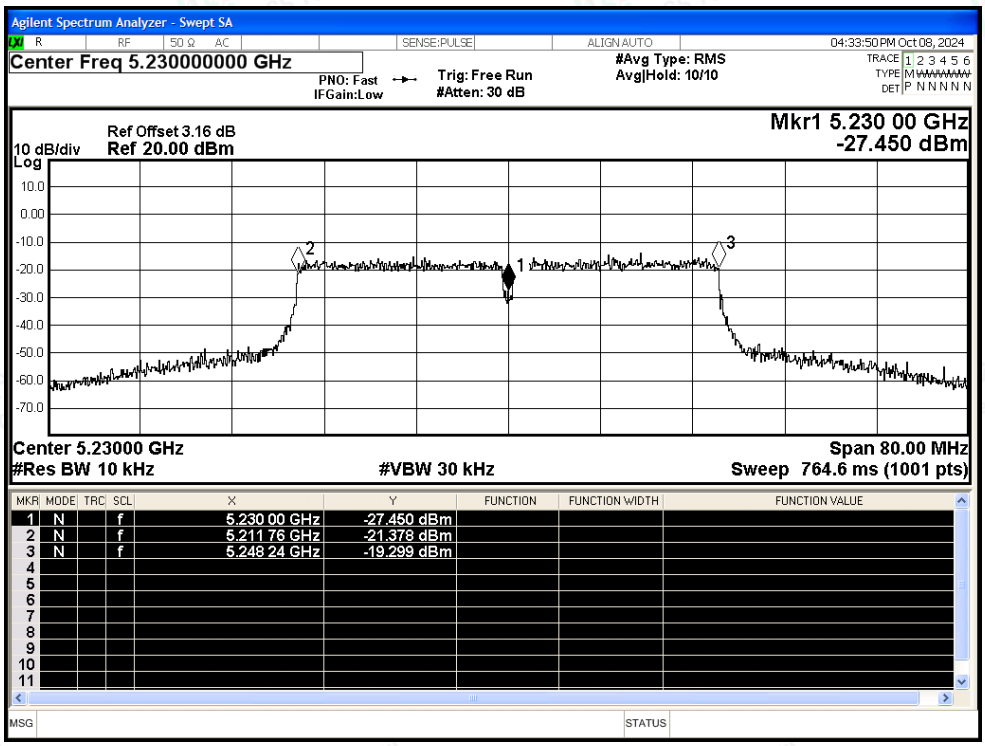
Freq. Stability NVNT ac20 5240MHz Ant1



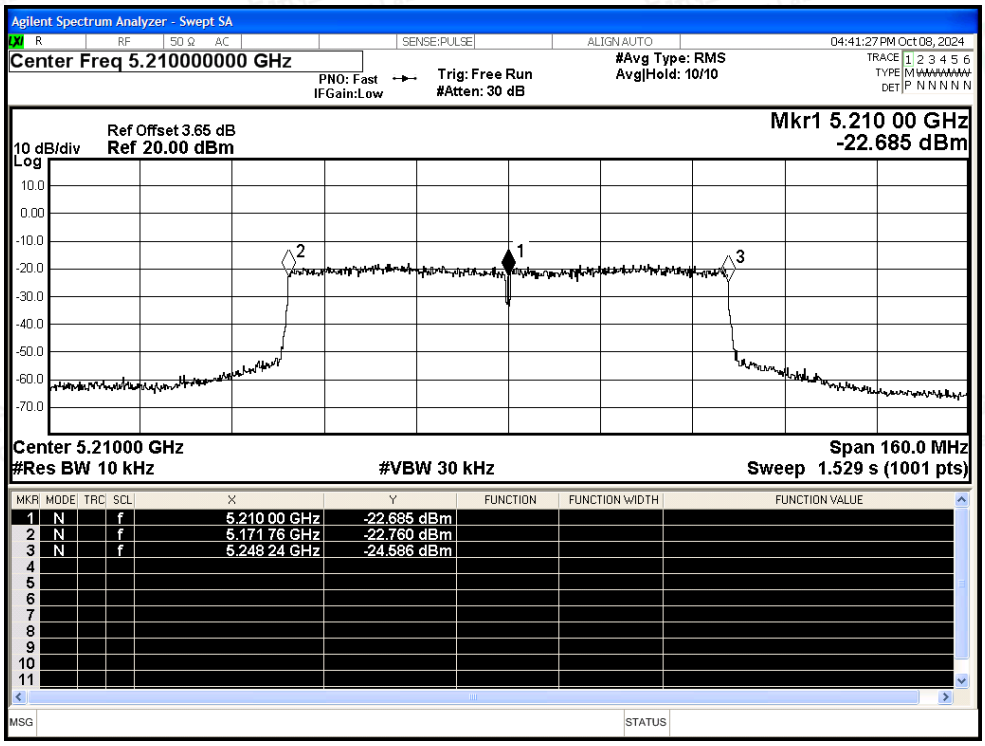
Freq. Stability NVNT ac40 5190MHz Ant1



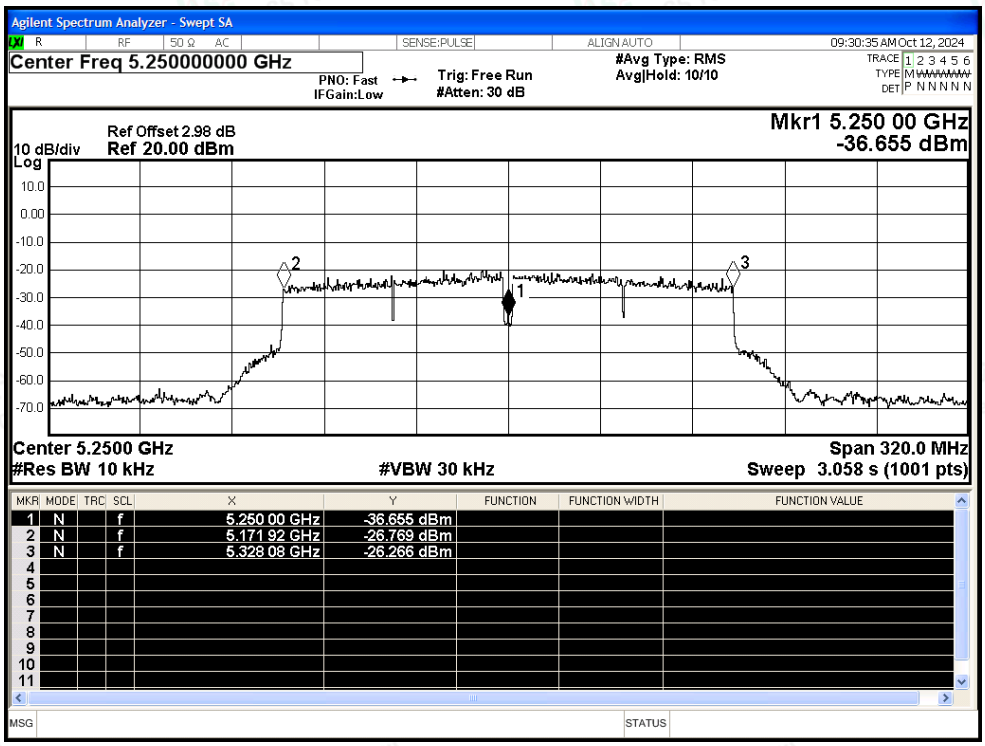
Freq. Stability NVNT ac40 5230MHz Ant1



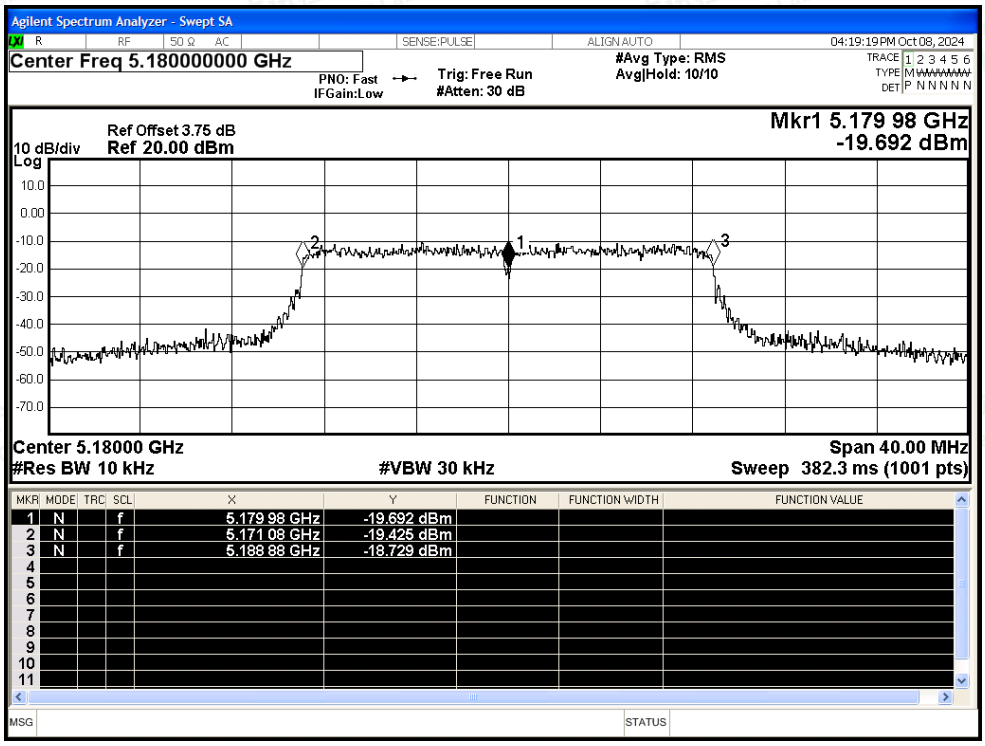
Freq. Stability NVNT ac80 5210MHz Ant1



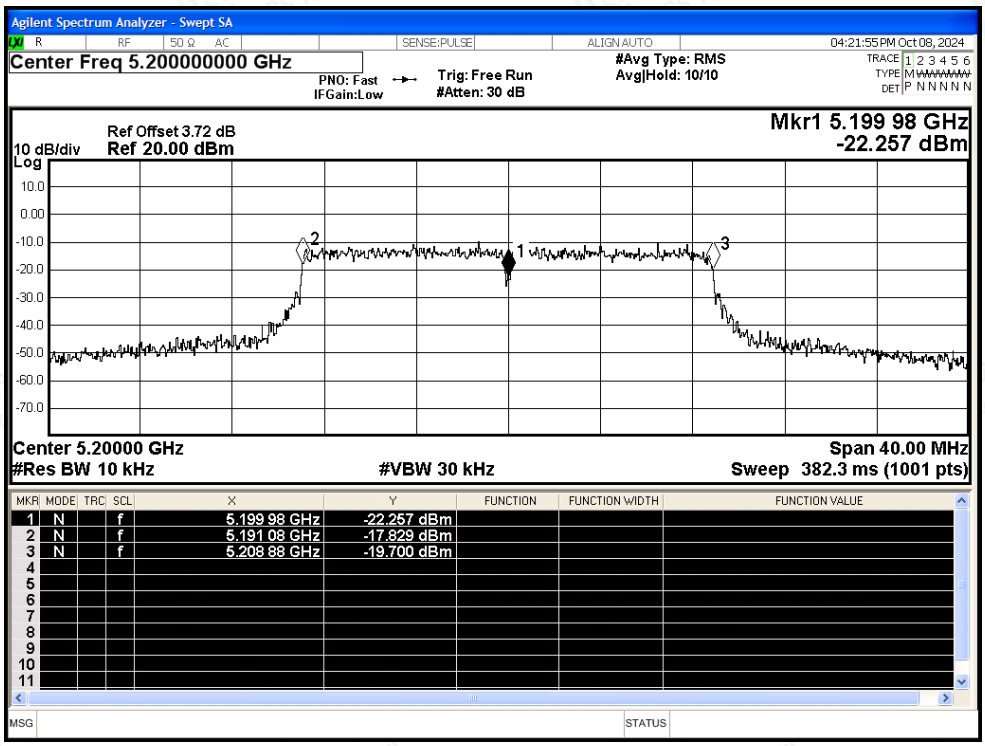
Freq. Stability NVNT ac160 5250MHz Ant1



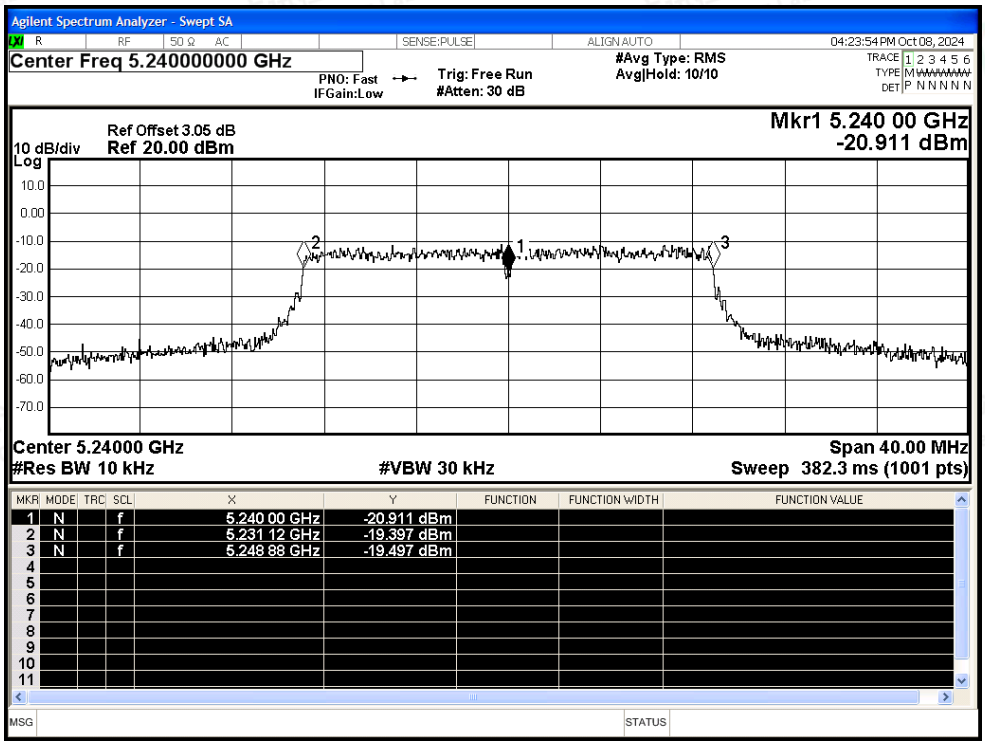
Freq. Stability NVNT ax20 5180MHz Ant1



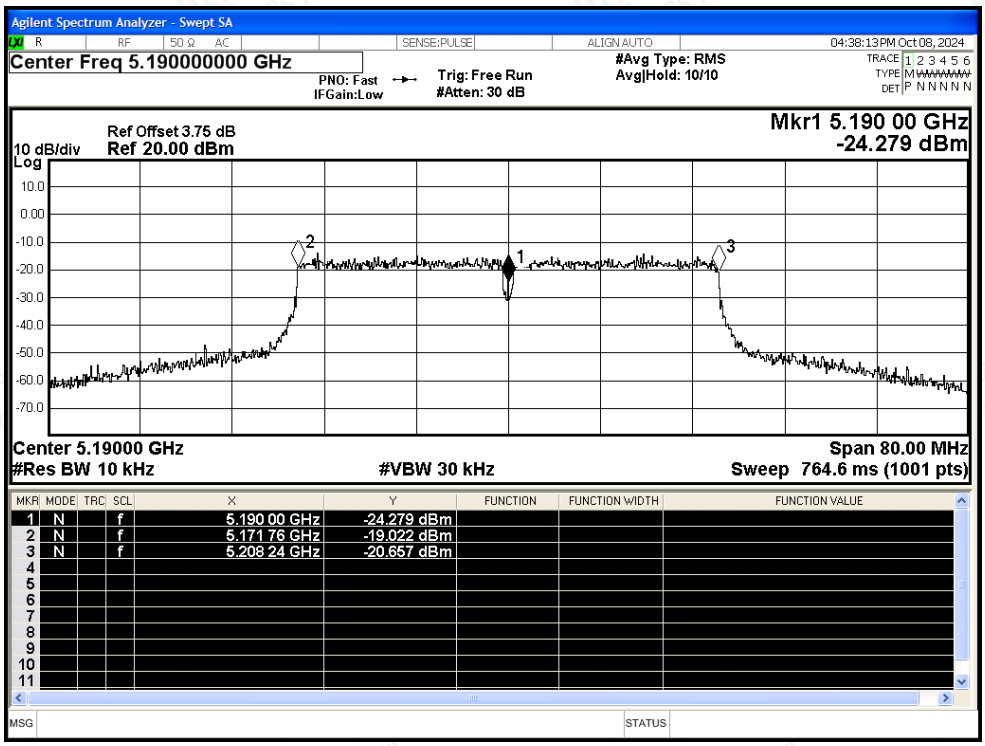
Freq. Stability NVNT ax20 5200MHz Ant1



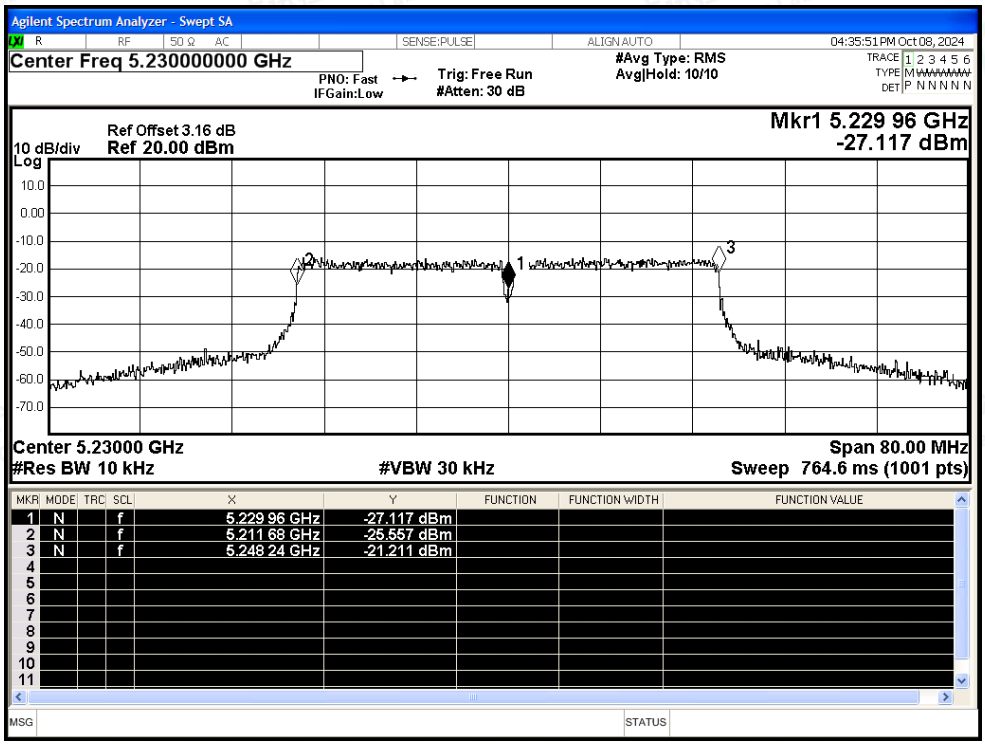
Freq. Stability NVNT ax20 5240MHz Ant1



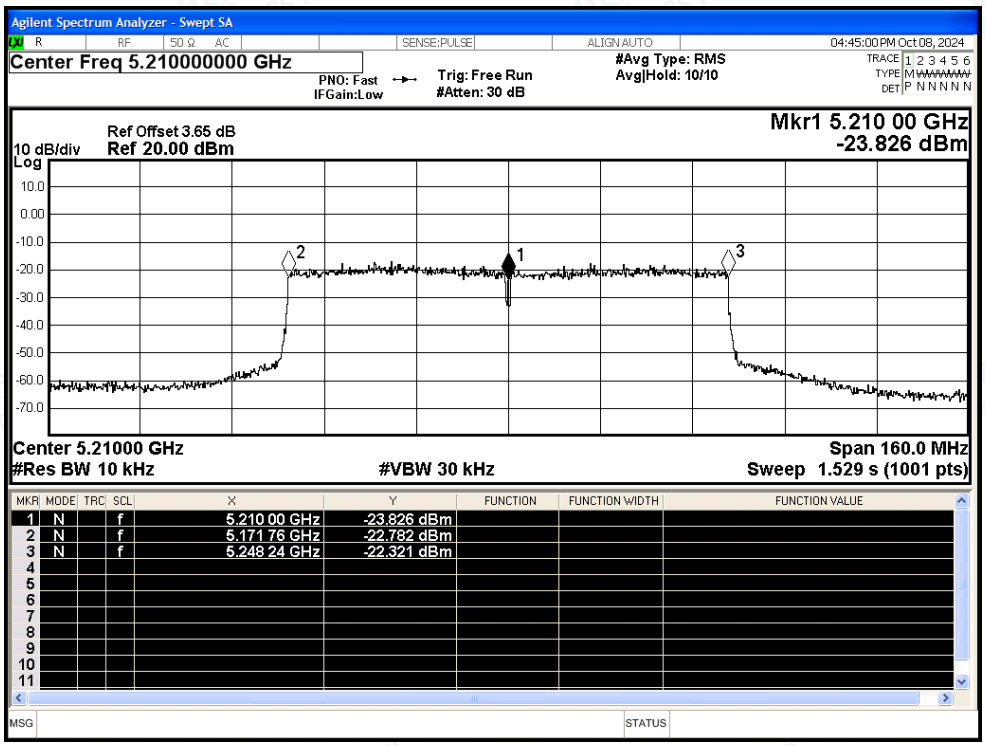
Freq. Stability NVNT ax40 5190MHz Ant1



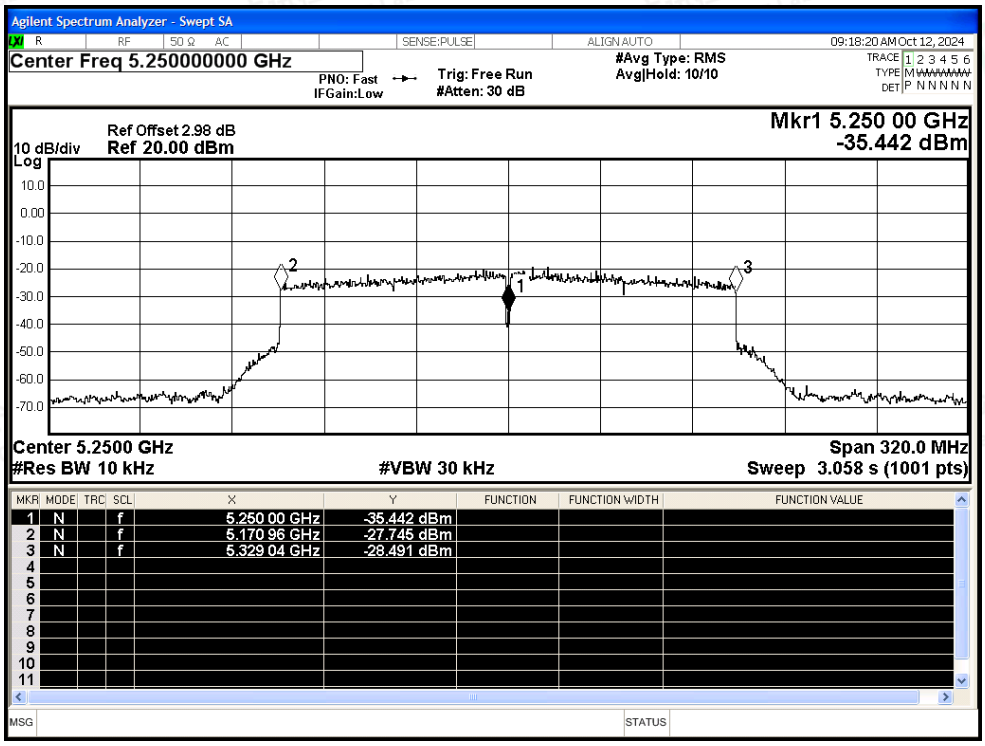
Freq. Stability NVNT ax40 5230MHz Ant1



Freq. Stability NVNT ax80 5210MHz Ant1



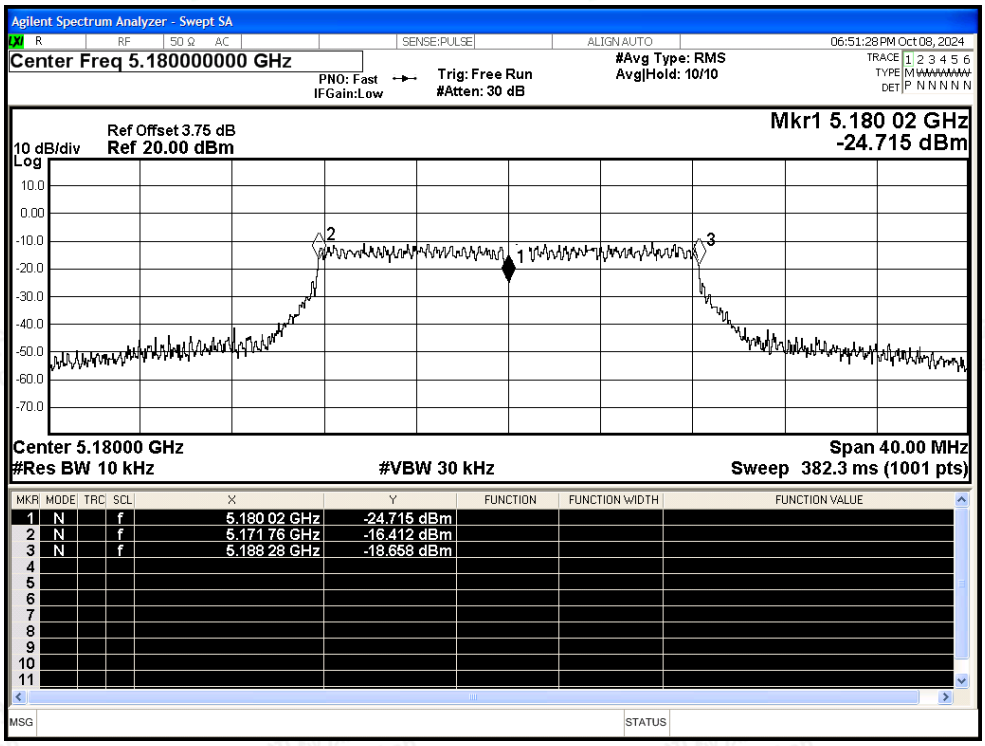
Freq. Stability NVNT ax160 5250MHz Ant1



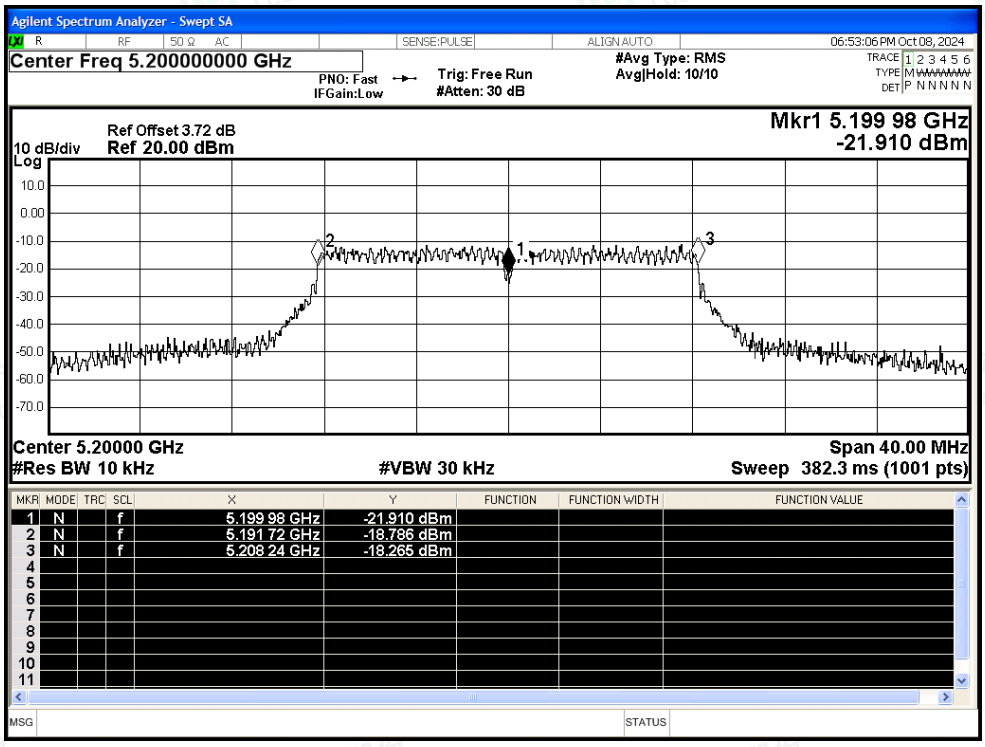
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	a	5180	Ant2	5180.02	20000	3.86	25	Pass
NVNT	a	5200	Ant2	5199.98	-20000	-3.85	25	Pass
NVNT	a	5240	Ant2	5240	0	0	25	Pass
NVNT	n20	5180	Ant2	5179.98	-20000	-3.86	25	Pass
NVNT	n20	5200	Ant2	5199.98	-20000	-3.85	25	Pass
NVNT	n20	5240	Ant2	5239.98	-20000	-3.82	25	Pass
NVNT	n40	5190	Ant2	5190	0	0	25	Pass
NVNT	n40	5230	Ant2	5229.96	-40000	-7.65	25	Pass
NVNT	ac20	5180	Ant2	5179.98	-20000	-3.86	25	Pass
NVNT	ac20	5200	Ant2	5200	0	0	25	Pass
NVNT	ac20	5240	Ant2	5239.98	-20000	-3.82	25	Pass
NVNT	ac40	5190	Ant2	5190	0	0	25	Pass
NVNT	ac40	5230	Ant2	5229.96	-40000	-7.65	25	Pass
NVNT	ac80	5210	Ant2	5210	0	0	25	Pass
NVNT	ac160	5250	Ant2	5250	0	0	25	Pass
NVNT	ax20	5180	Ant2	5180.02	20000	3.86	25	Pass
NVNT	ax20	5200	Ant2	5199.98	-20000	-3.85	25	Pass
NVNT	ax20	5240	Ant2	5239.98	-20000	-3.82	25	Pass
NVNT	ax40	5190	Ant2	5190	0	0	25	Pass
NVNT	ax40	5230	Ant2	5230	0	0	25	Pass
NVNT	ax80	5210	Ant2	5210	0	0	25	Pass
NVNT	ax160	5250	Ant2	5250	0	0	25	Pass

Test Graphs

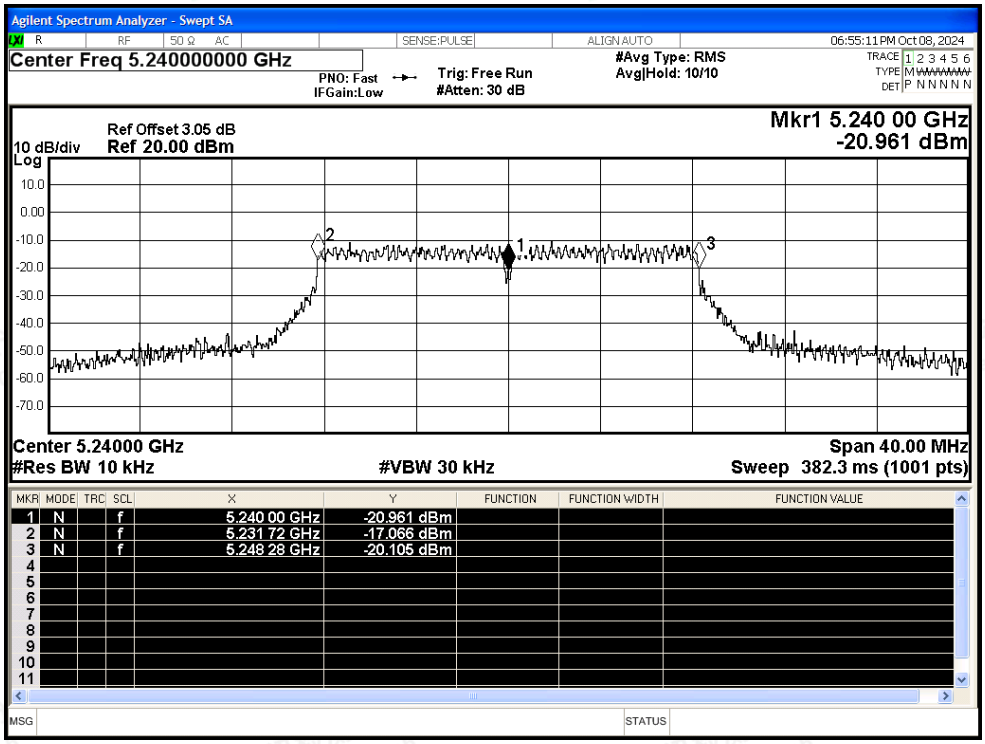
Freq. Stability NVNT a 5180MHz Ant2



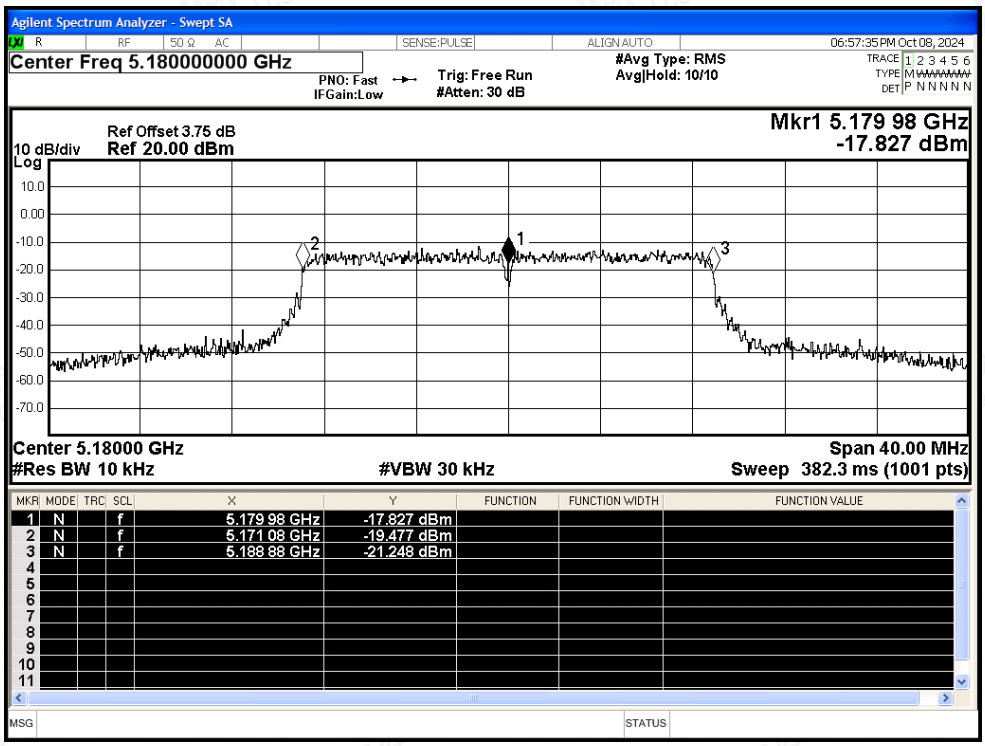
Freq. Stability NVNT a 5200MHz Ant2



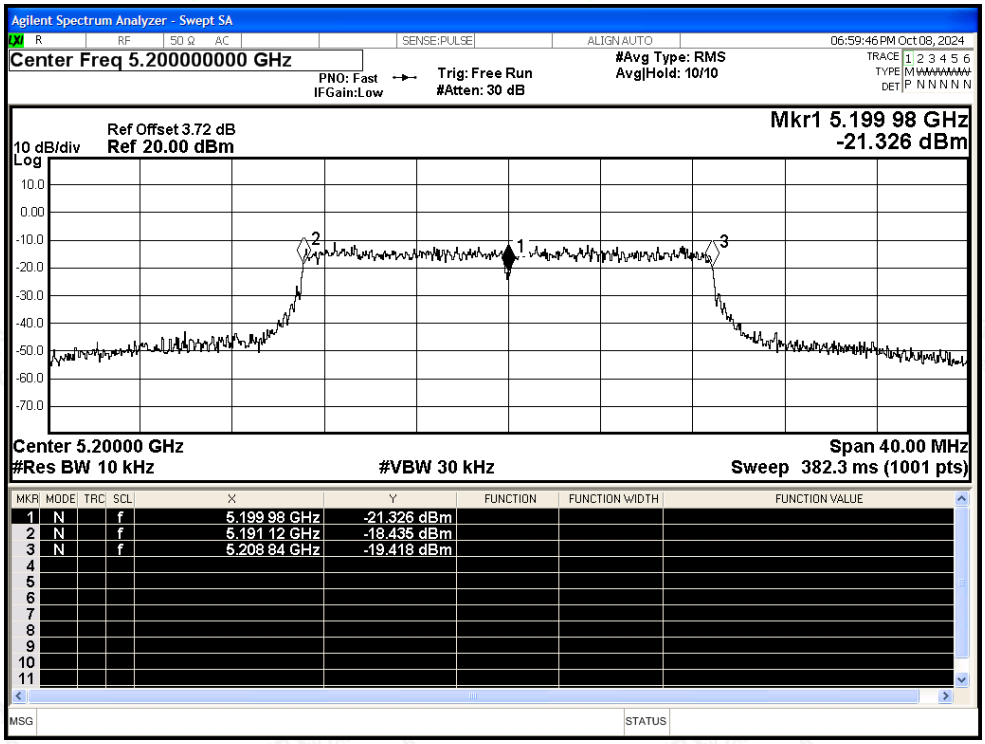
Freq. Stability NVNT a 5240MHz Ant2



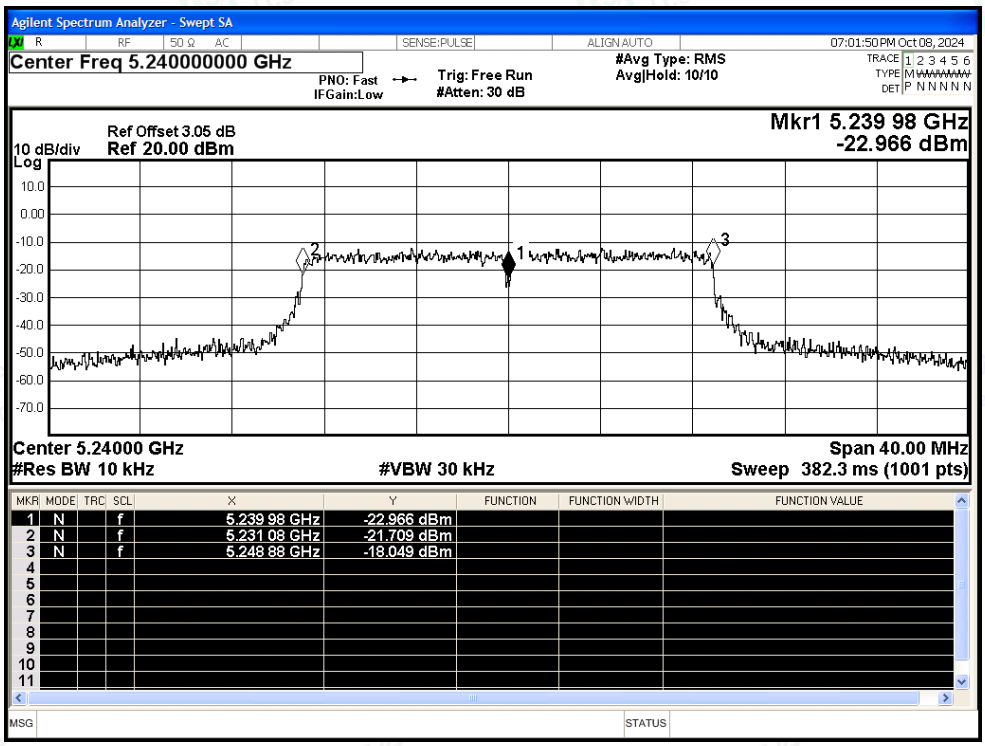
Freq. Stability NVNT n20 5180MHz Ant2



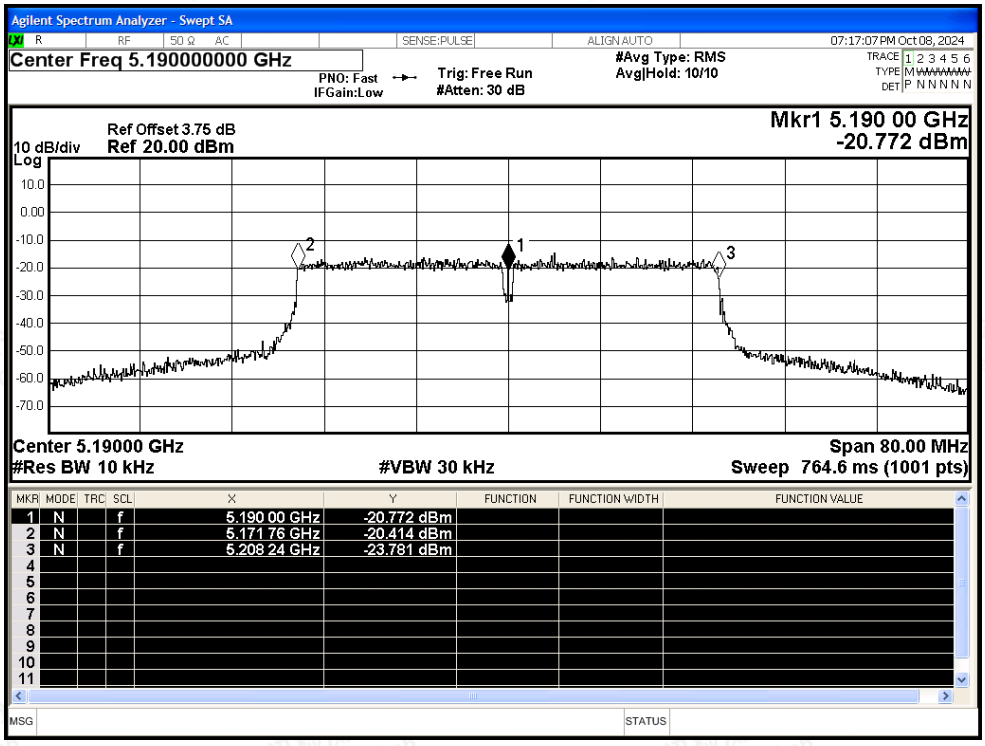
Freq. Stability NVNT n20 5200MHz Ant2



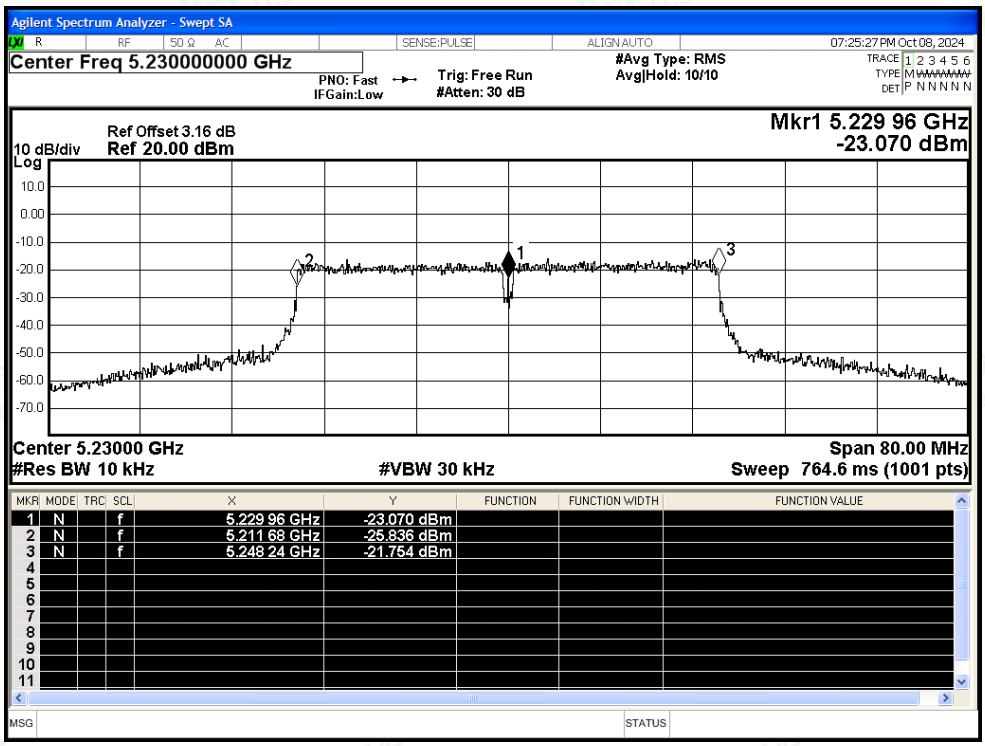
Freq. Stability NVNT n20 5240MHz Ant2



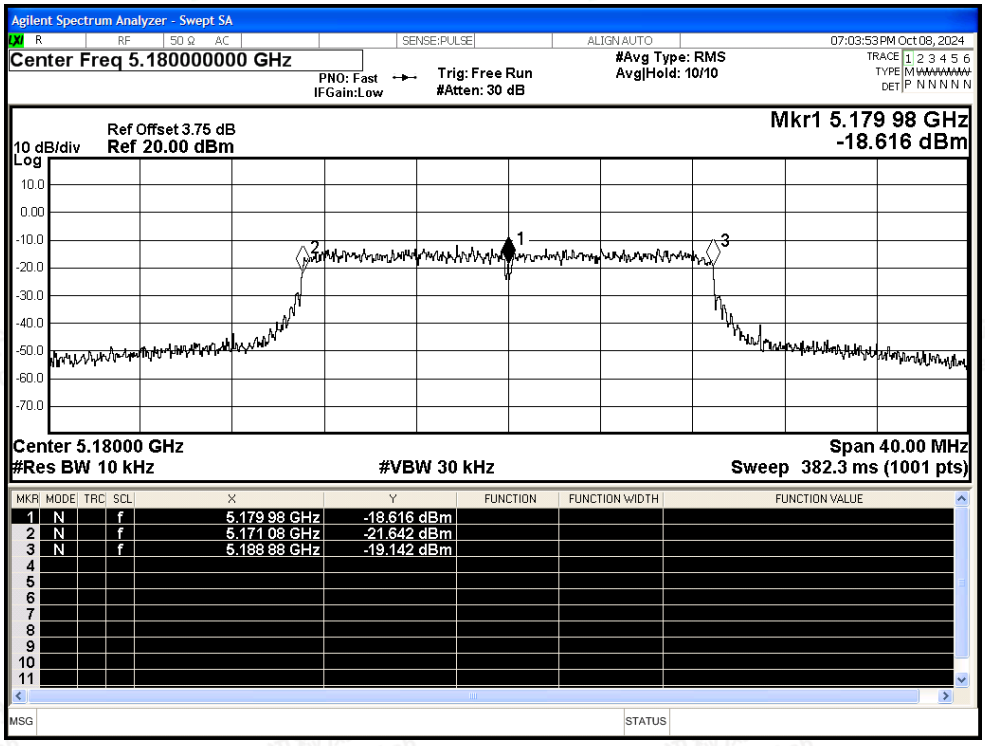
Freq. Stability NVNT n40 5190MHz Ant2



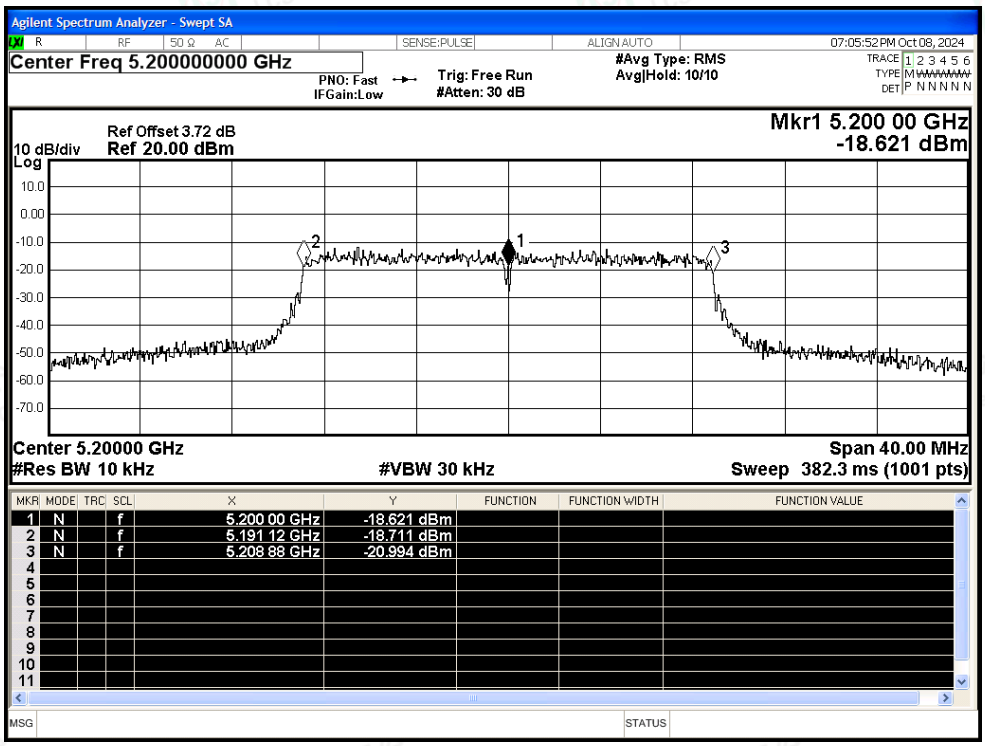
Freq. Stability NVNT n40 5230MHz Ant2



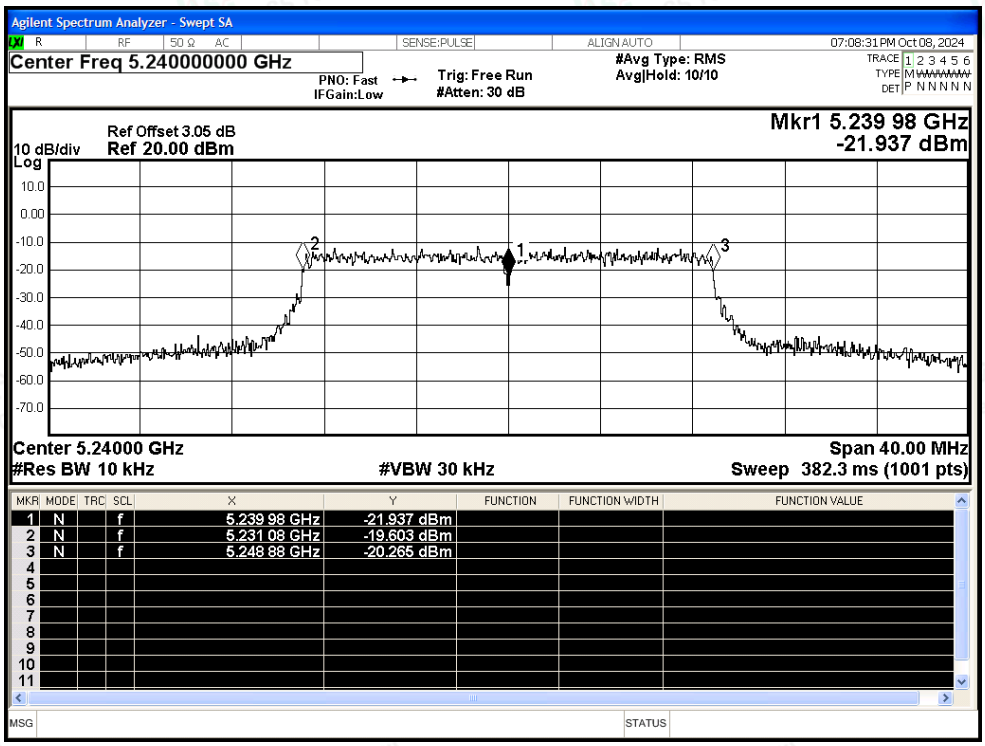
Freq. Stability NVNT ac20 5180MHz Ant2



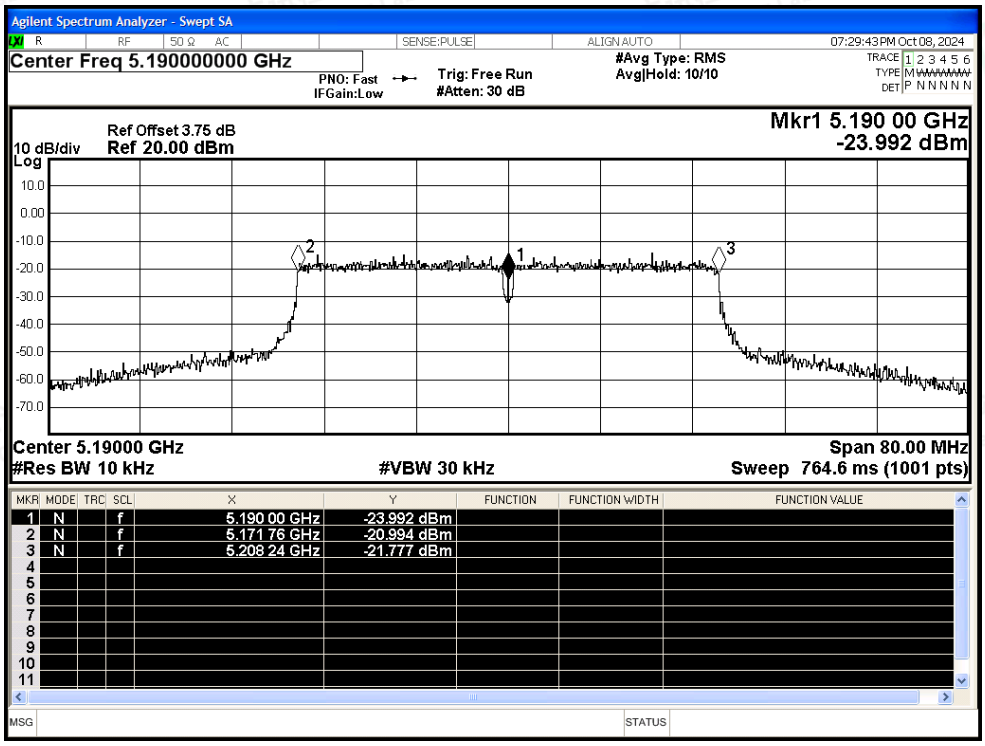
Freq. Stability NVNT ac20 5200MHz Ant2



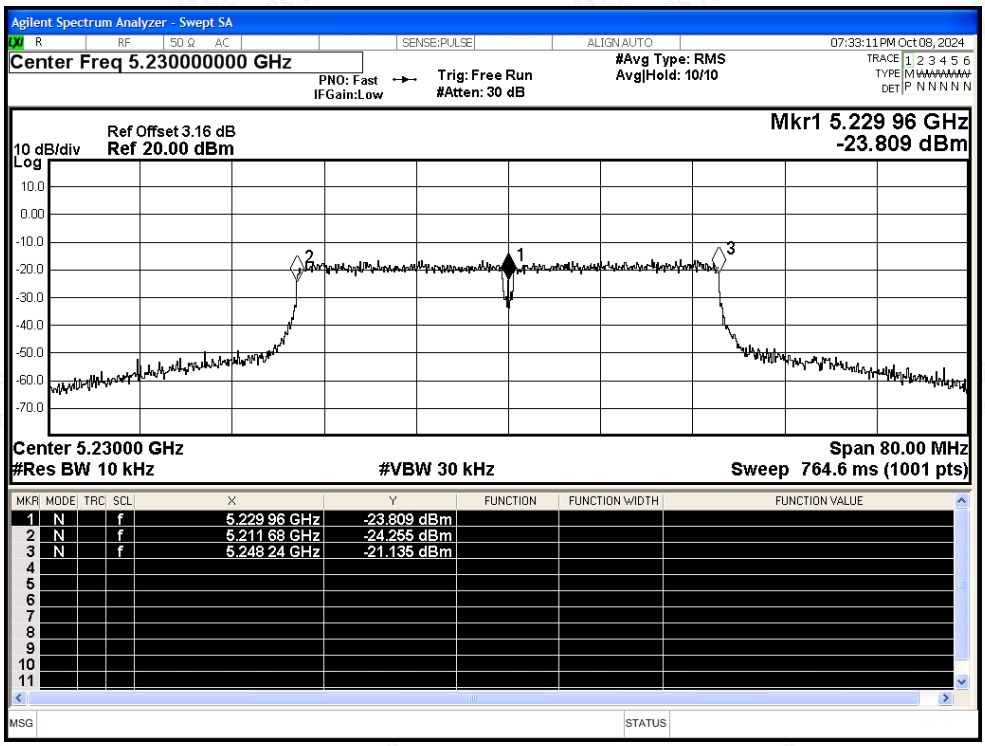
Freq. Stability NVNT ac20 5240MHz Ant2



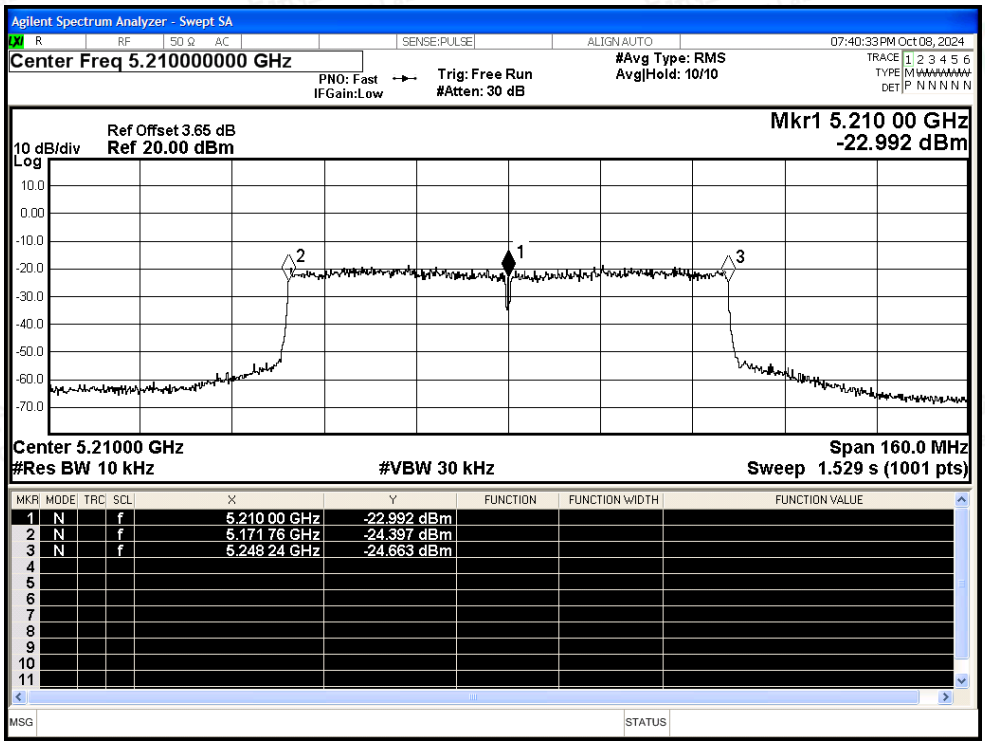
Freq. Stability NVNT ac40 5190MHz Ant2



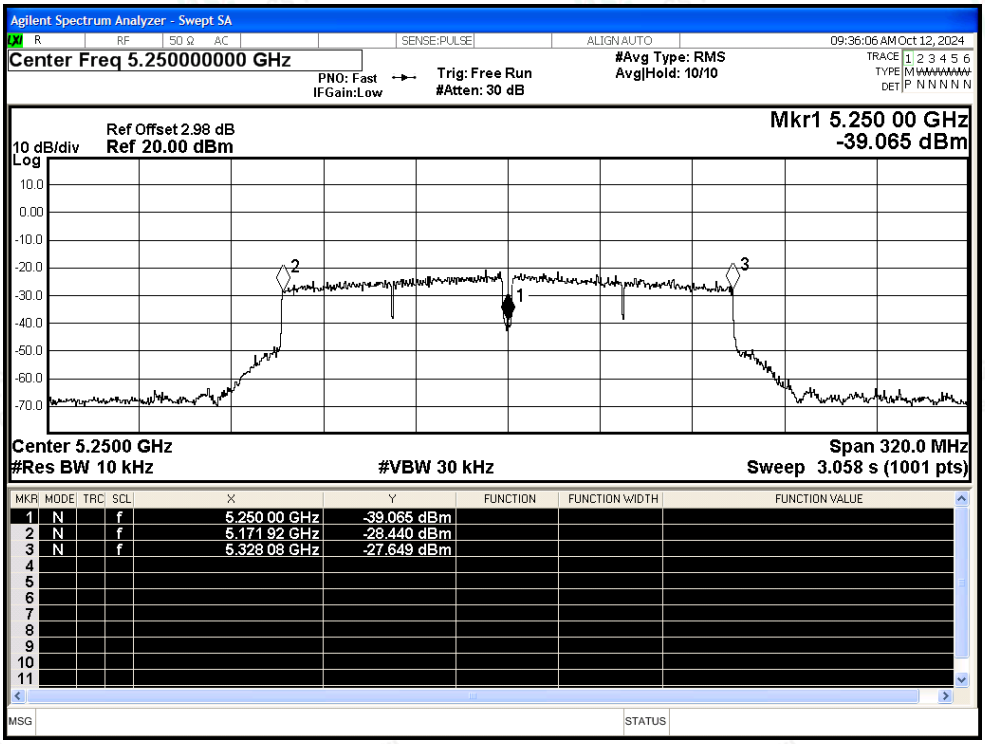
Freq. Stability NVNT ac40 5230MHz Ant2



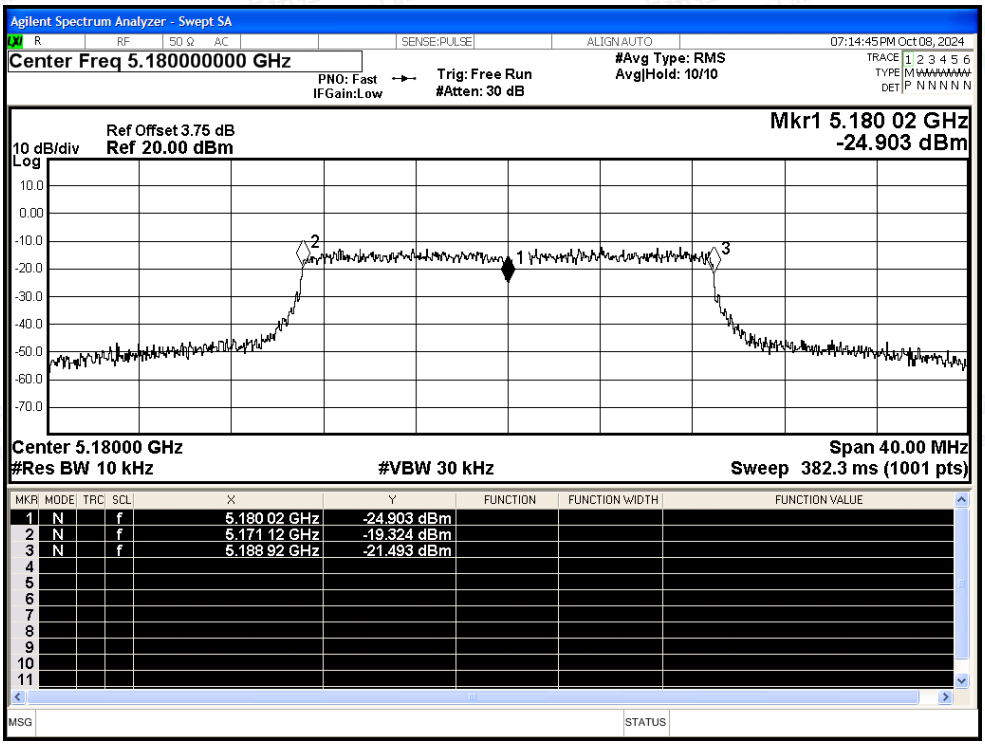
Freq. Stability NVNT ac80 5210MHz Ant2



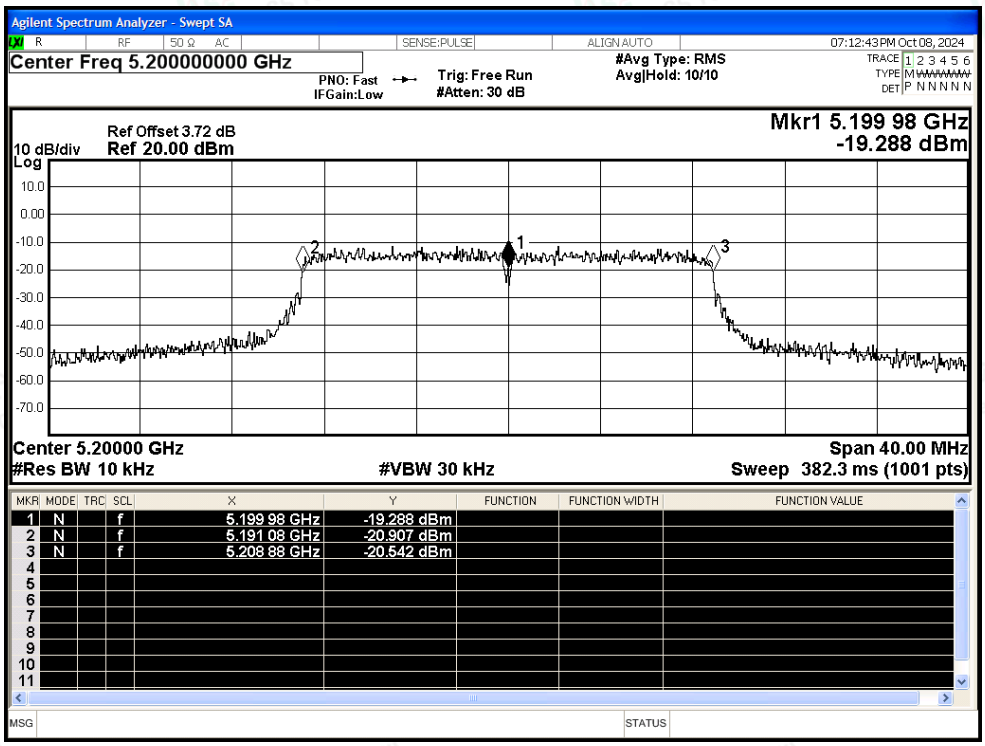
Freq. Stability NVNT ac160 5250MHz Ant2



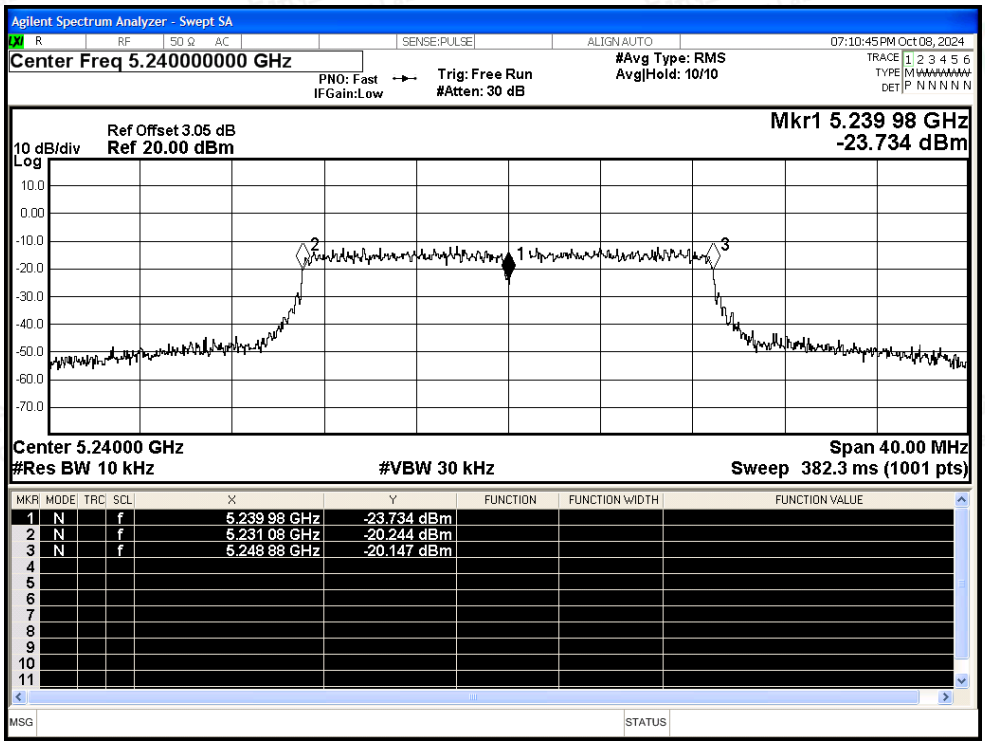
Freq. Stability NVNT ax20 5180MHz Ant2



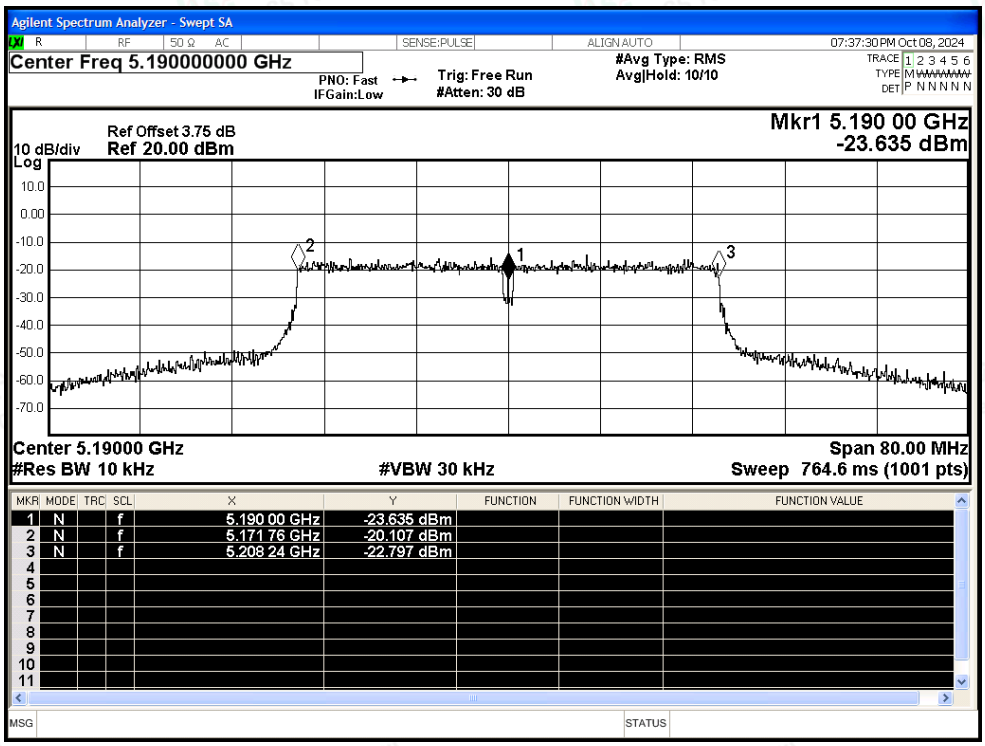
Freq. Stability NVNT ax20 5200MHz Ant2



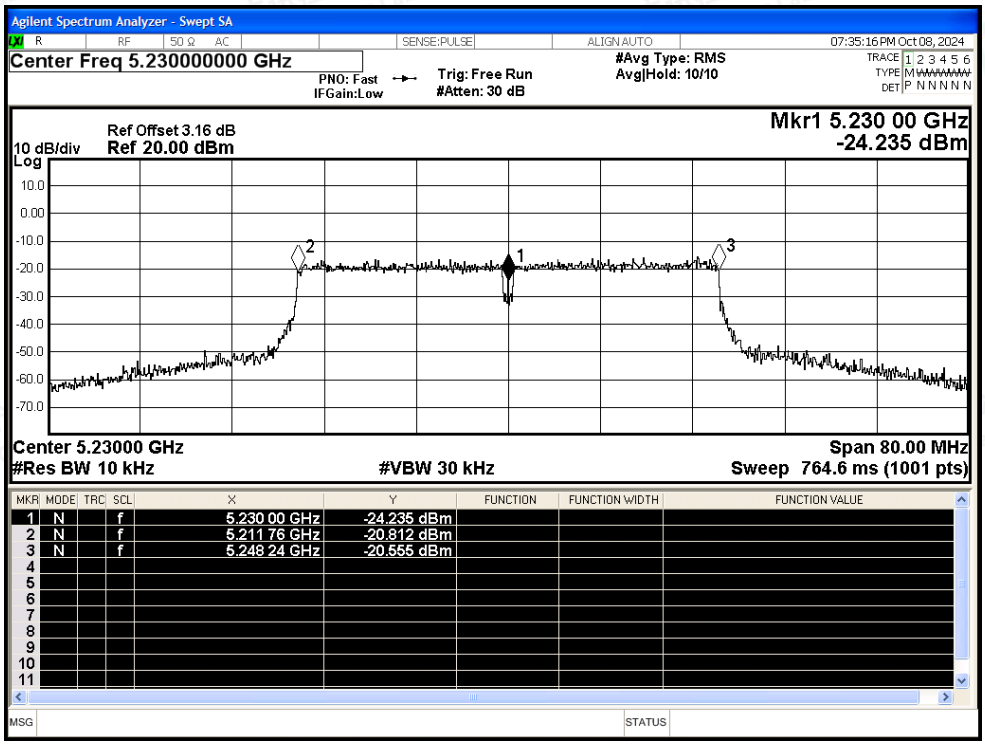
Freq. Stability NVNT ax20 5240MHz Ant2



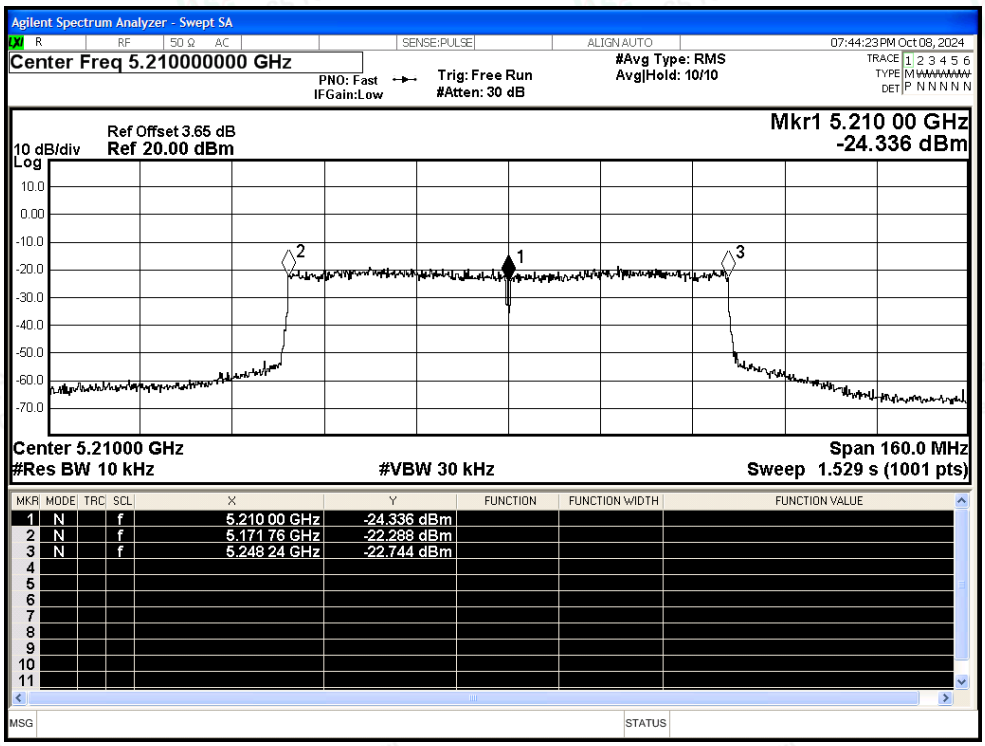
Freq. Stability NVNT ax40 5190MHz Ant2



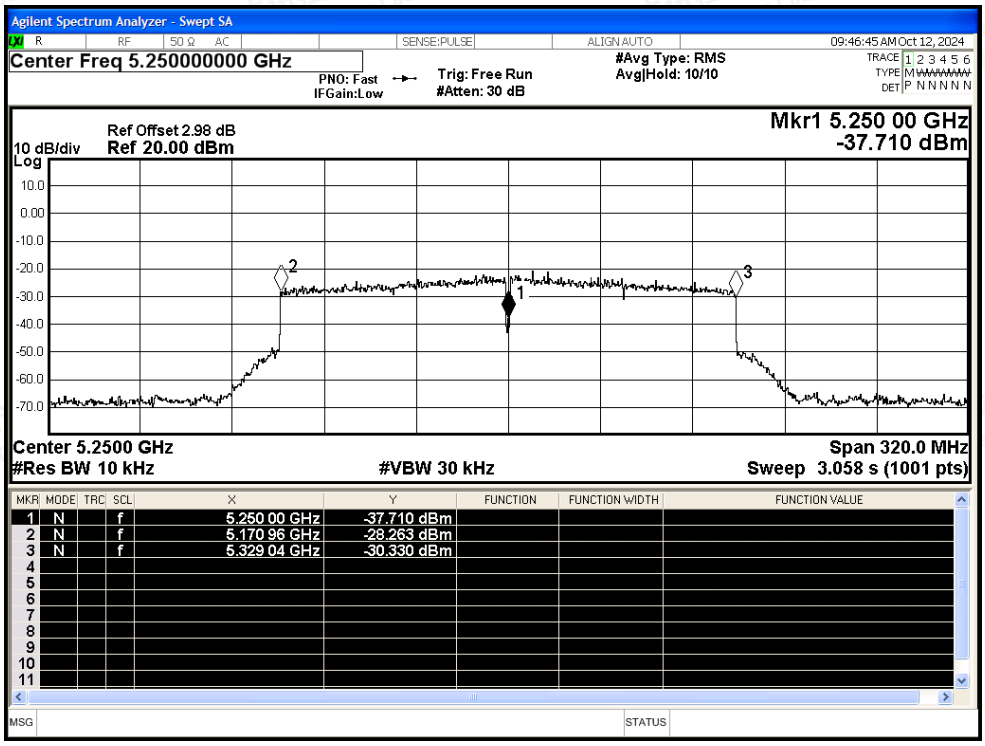
Freq. Stability NVNT ax40 5230MHz Ant2



Freq. Stability NVNT ax80 5210MHz Ant2



Freq. Stability NVNT ax160 5250MHz Ant2

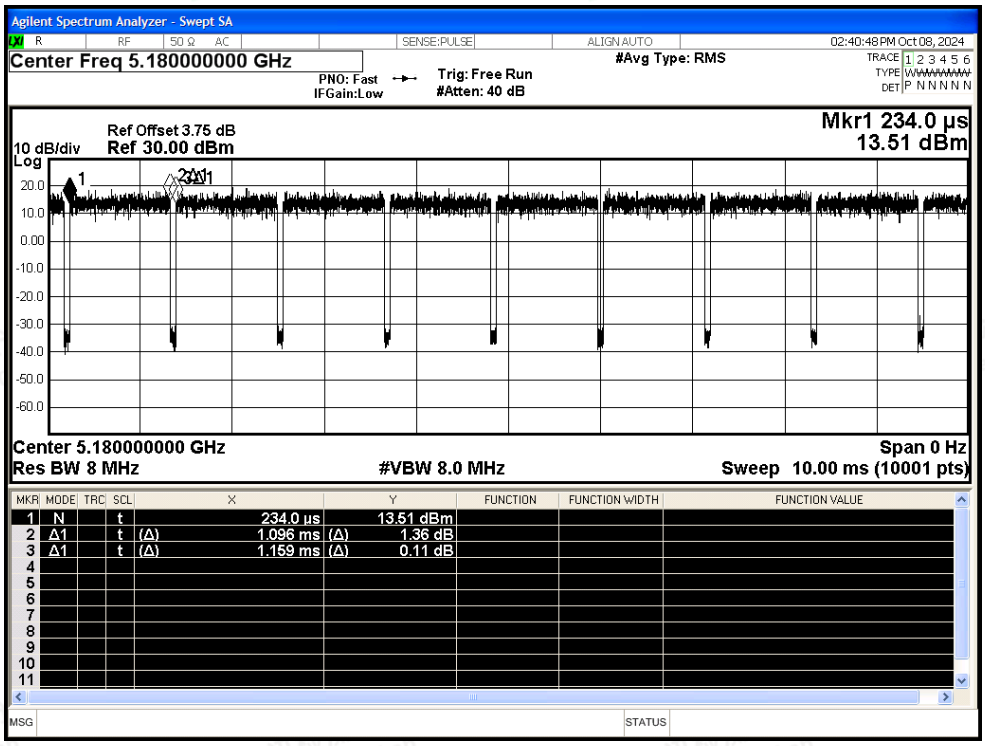


B.6 Duty Cycle

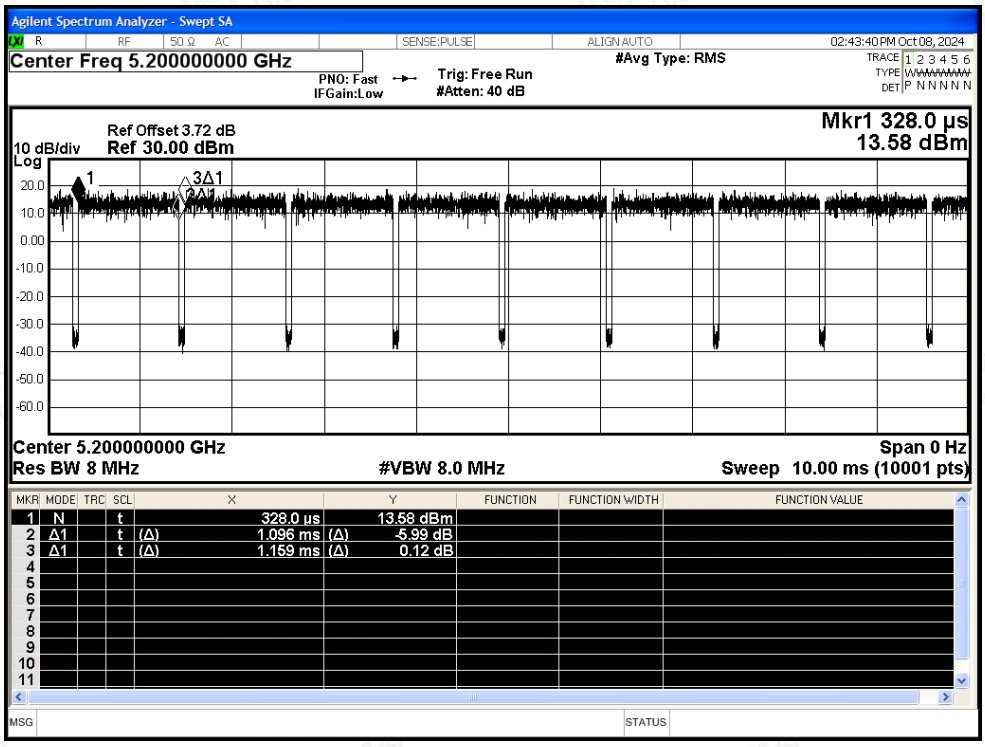
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant0	94.56	0.24	0.91
NVNT	a	5200	Ant0	94.56	0.24	0.91
NVNT	a	5240	Ant0	94.65	0.24	0.91
NVNT	n20	5180	Ant0	97.29	0.12	0.44
NVNT	n20	5200	Ant0	97.29	0.12	0.44
NVNT	n20	5240	Ant0	97.29	0.12	0.44
NVNT	n40	5190	Ant0	97.23	0.12	0.46
NVNT	n40	5230	Ant0	97.18	0.12	0.46
NVNT	ac20	5180	Ant0	97.34	0.12	0.44
NVNT	ac20	5200	Ant0	97.34	0.12	0.44
NVNT	ac20	5240	Ant0	97.3	0.12	0.44
NVNT	ac40	5190	Ant0	97.19	0.12	0.46
NVNT	ac40	5230	Ant0	97.19	0.12	0.46
NVNT	ac80	5210	Ant0	94.32	0.25	0.97
NVNT	ac160	5250	Ant0	91.1	0.4	1.95
NVNT	ax20	5180	Ant0	97.3	0.12	0.44
NVNT	ax20	5200	Ant0	97.34	0.12	0.44
NVNT	ax20	5240	Ant0	97.34	0.12	0.44
NVNT	ax40	5190	Ant0	97.24	0.12	0.46
NVNT	ax40	5230	Ant0	97.19	0.12	0.46
NVNT	ax80	5210	Ant0	94.41	0.25	0.97
NVNT	ax160	5250	Ant0	89.18	0.5	2.43

Test Graphs

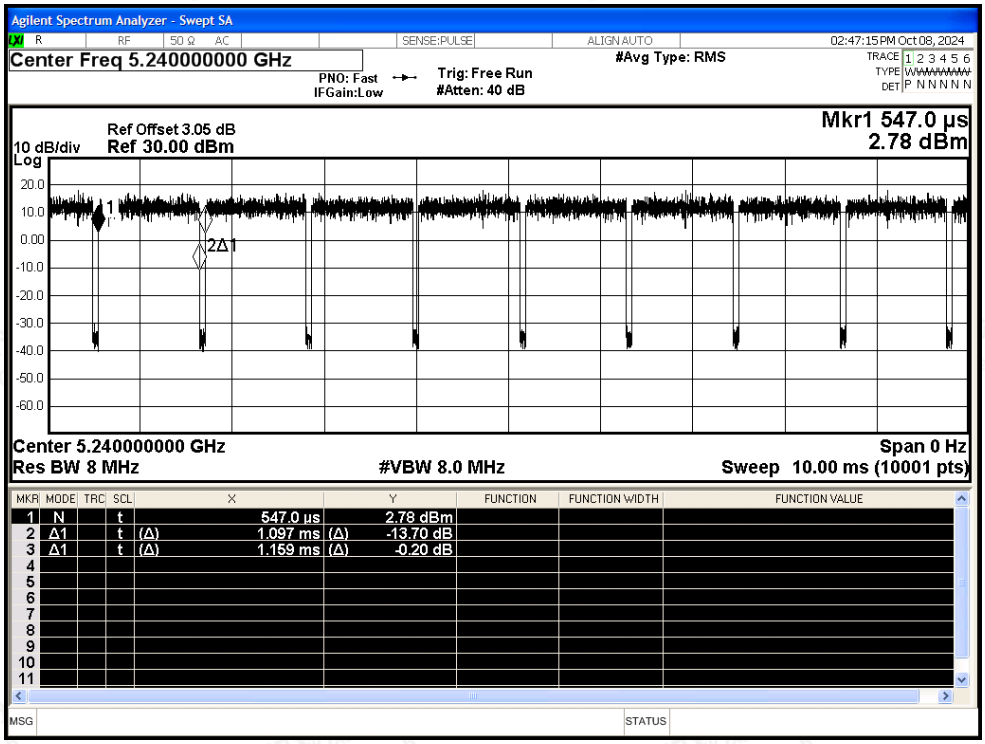
Duty Cycle NVNT a 5180MHz Ant0



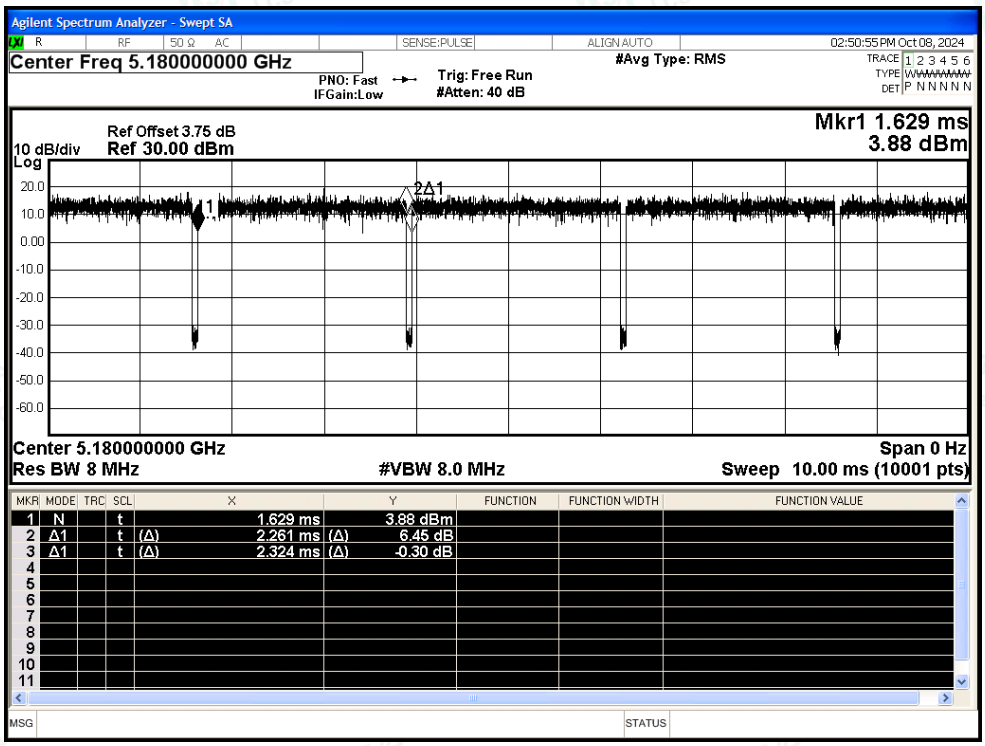
Duty Cycle NVNT a 5200MHz Ant0



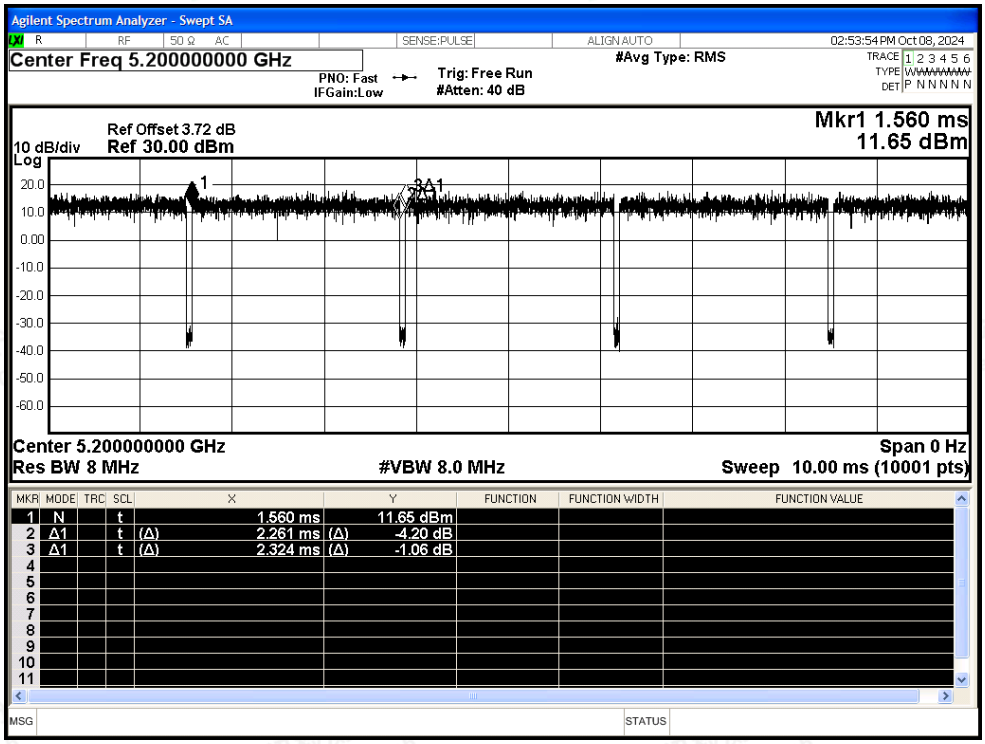
Duty Cycle NVNT a 5240MHz Ant0



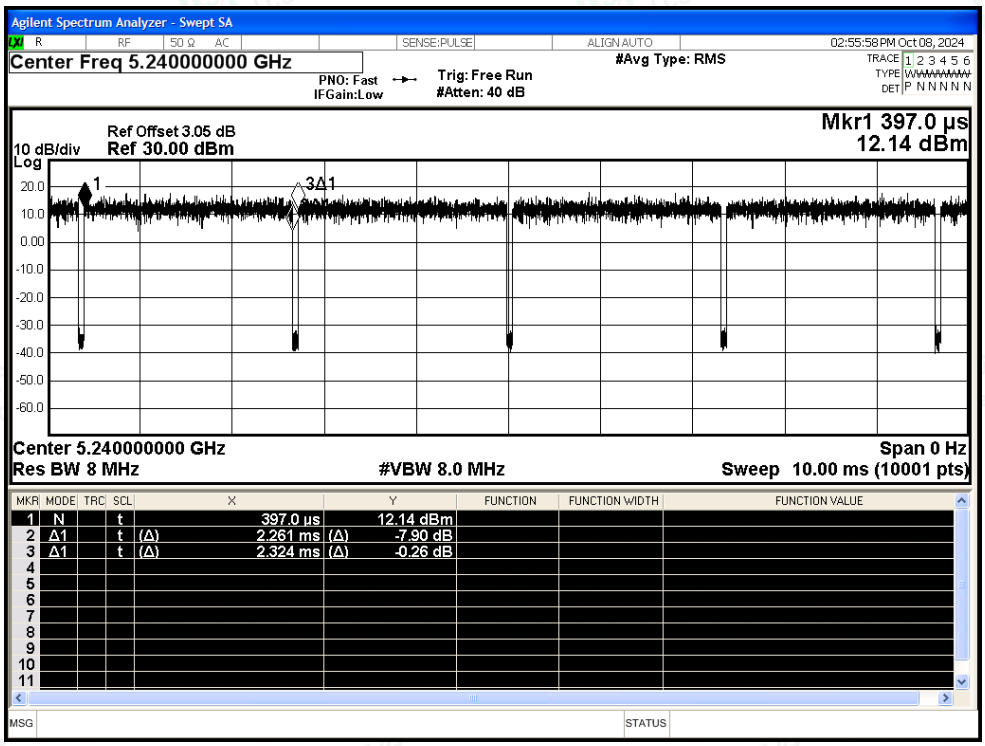
Duty Cycle NVNT n20 5180MHz Ant0



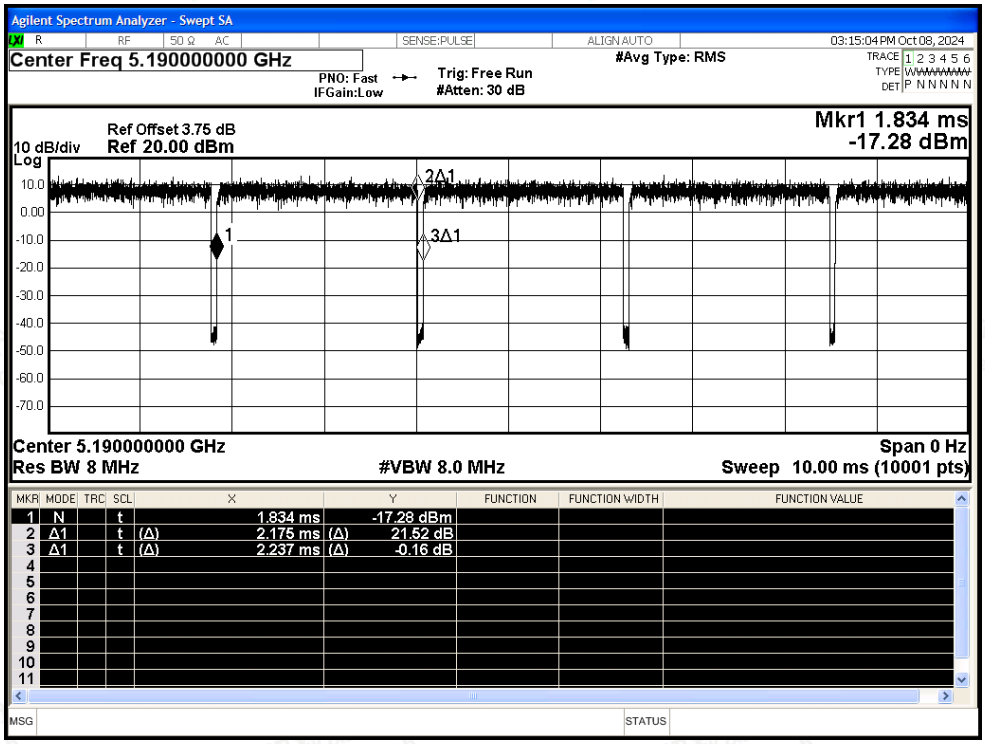
Duty Cycle NVNT n20 5200MHz Ant0



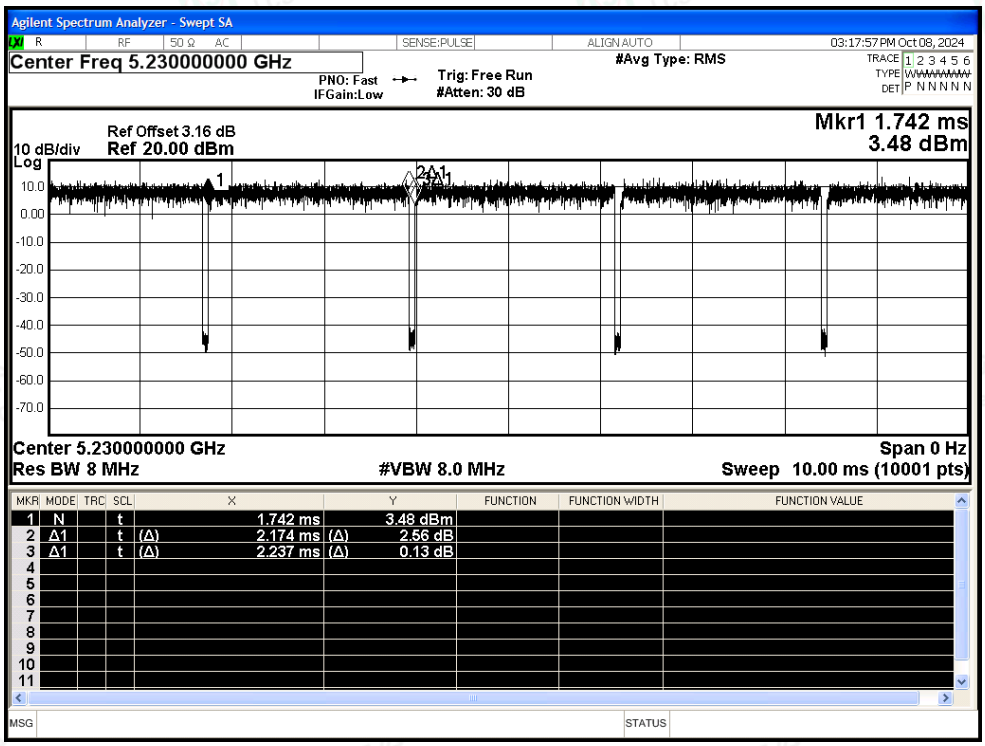
Duty Cycle NVNT n20 5240MHz Ant0



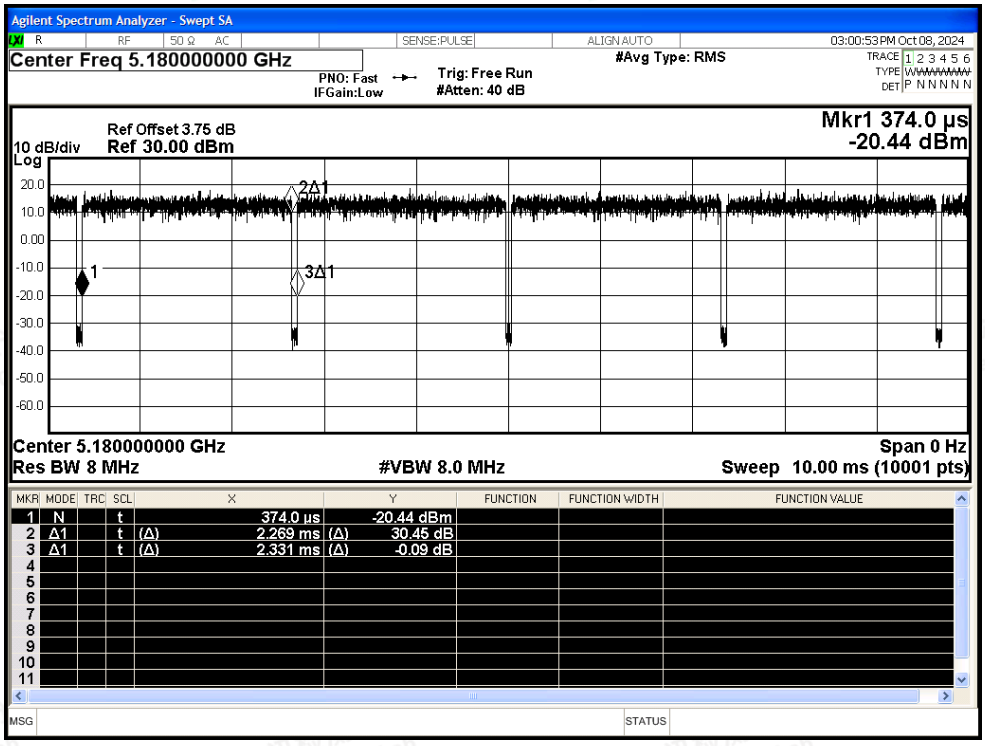
Duty Cycle NVNT n40 5190MHz Ant0



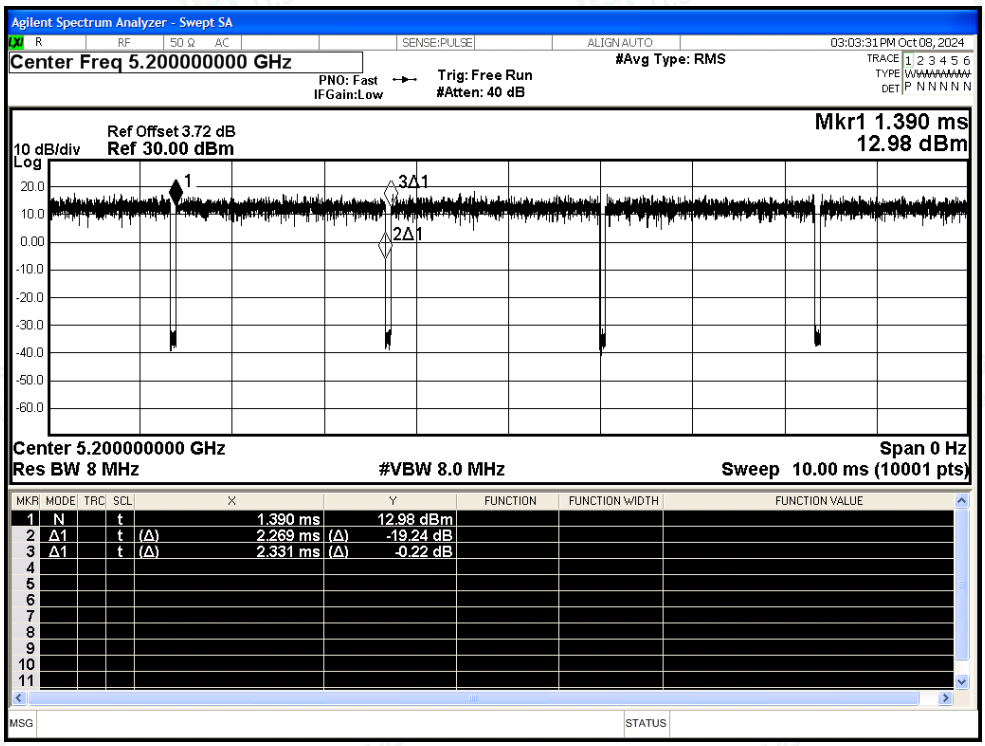
Duty Cycle NVNT n40 5230MHz Ant0



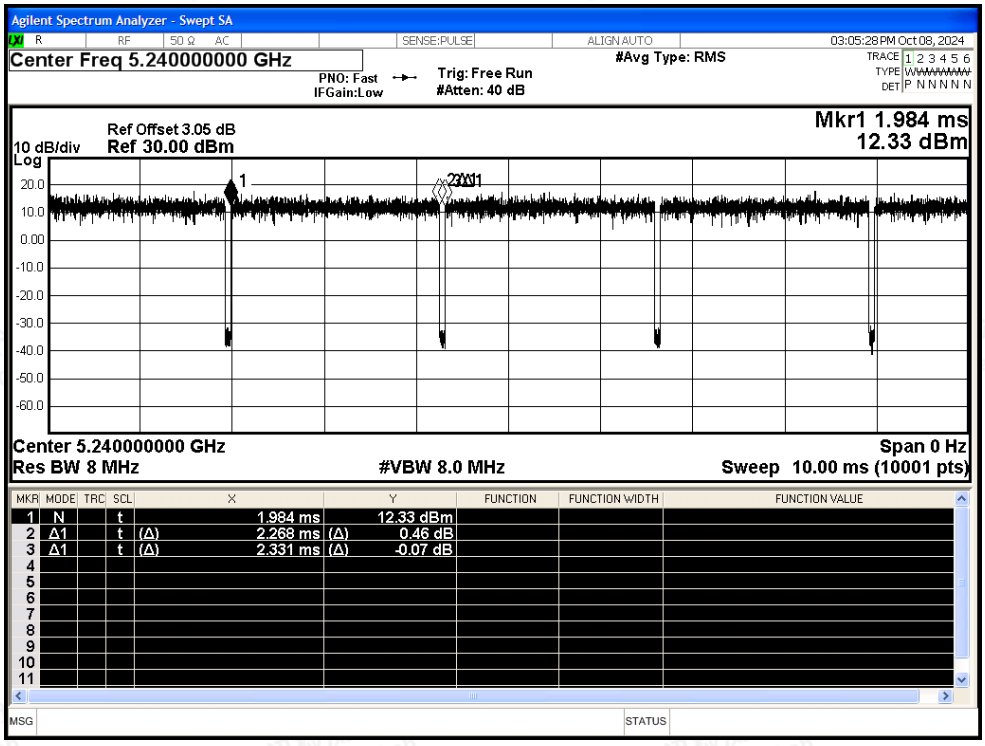
Duty Cycle NVNT ac20 5180MHz Ant0



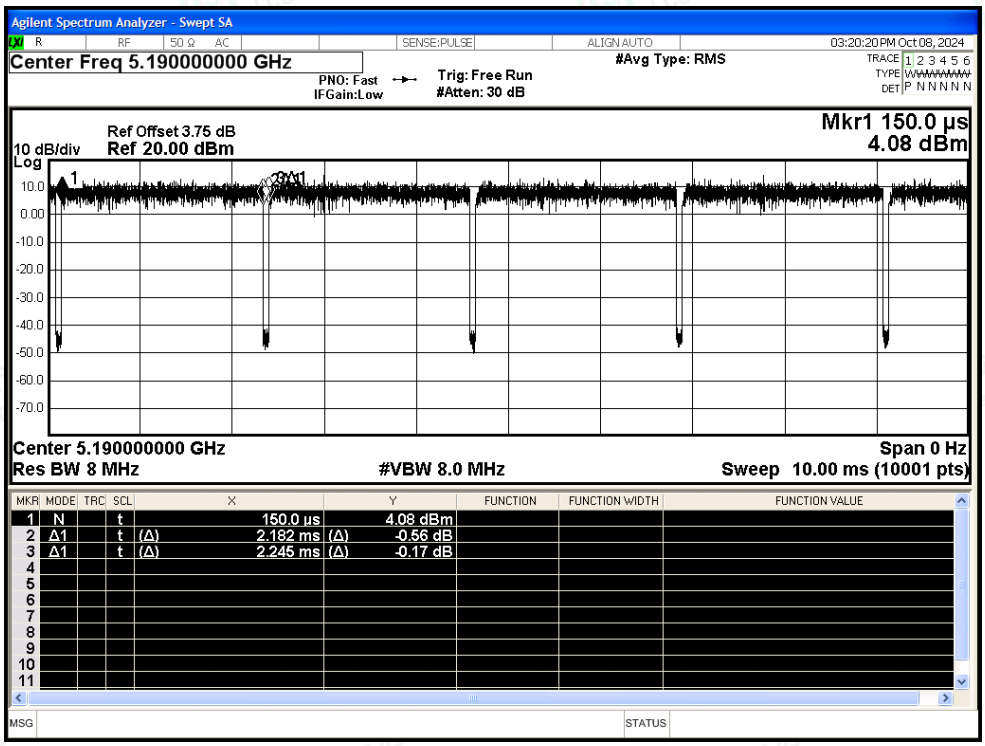
Duty Cycle NVNT ac20 5200MHz Ant0



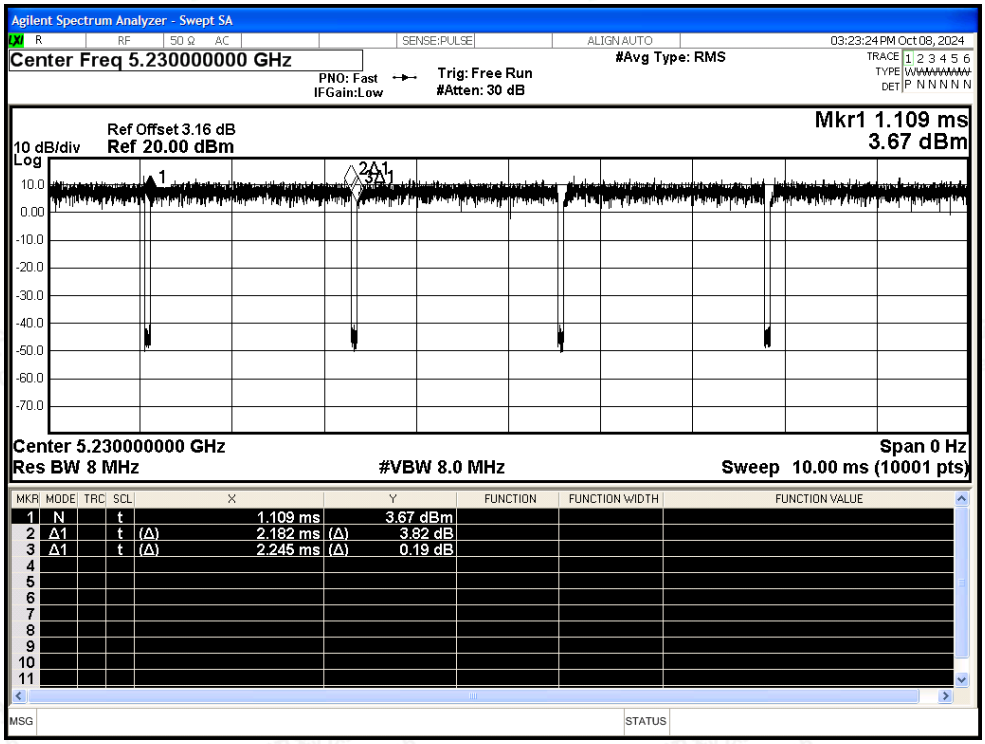
Duty Cycle NVNT ac20 5240MHz Ant0



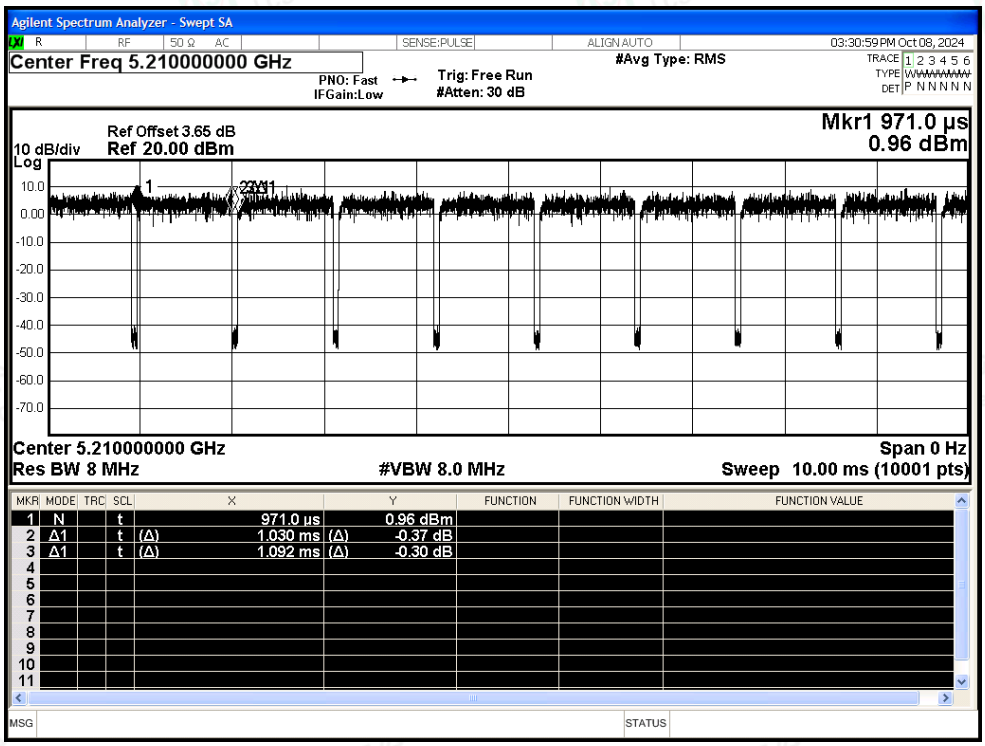
Duty Cycle NVNT ac40 5190MHz Ant0



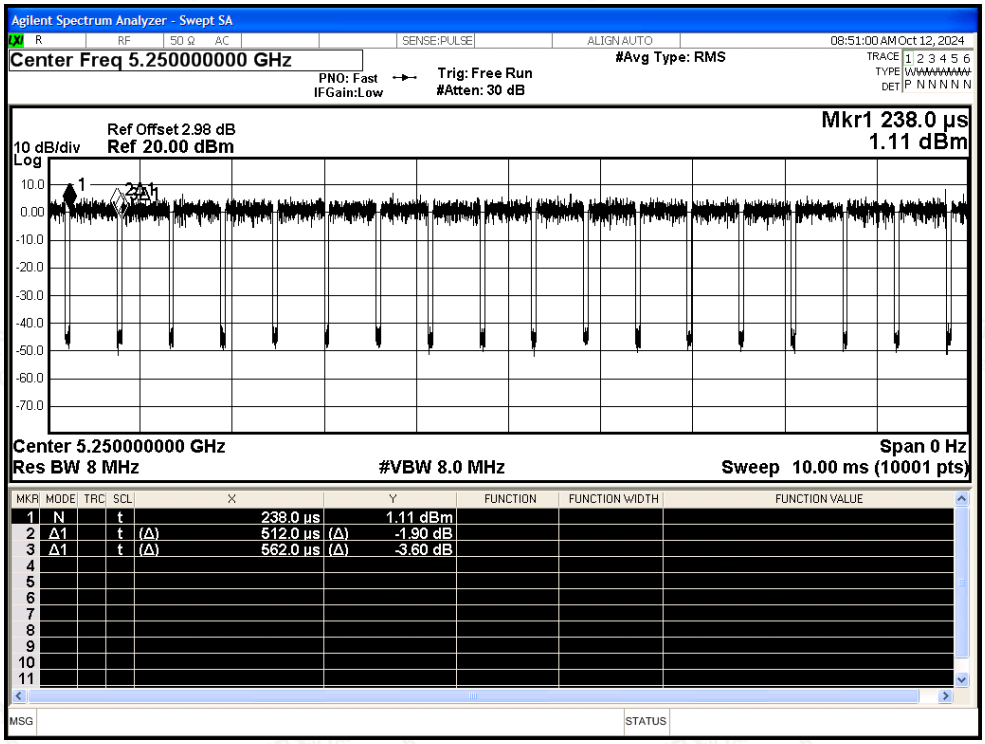
Duty Cycle NVNT ac40 5230MHz Ant0



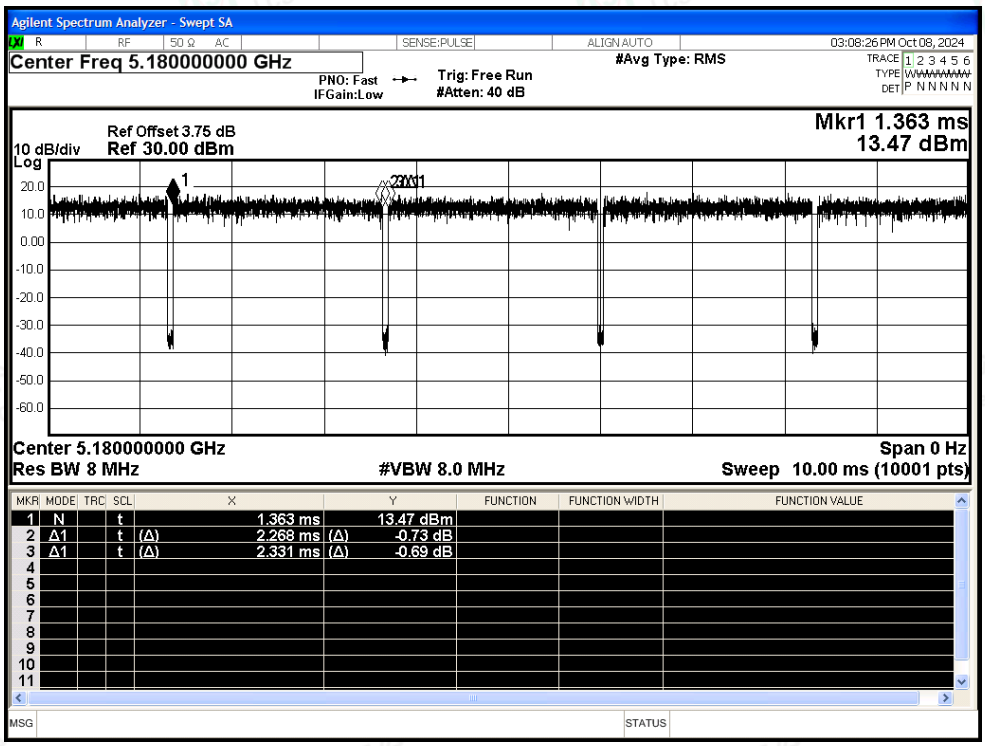
Duty Cycle NVNT ac80 5210MHz Ant0



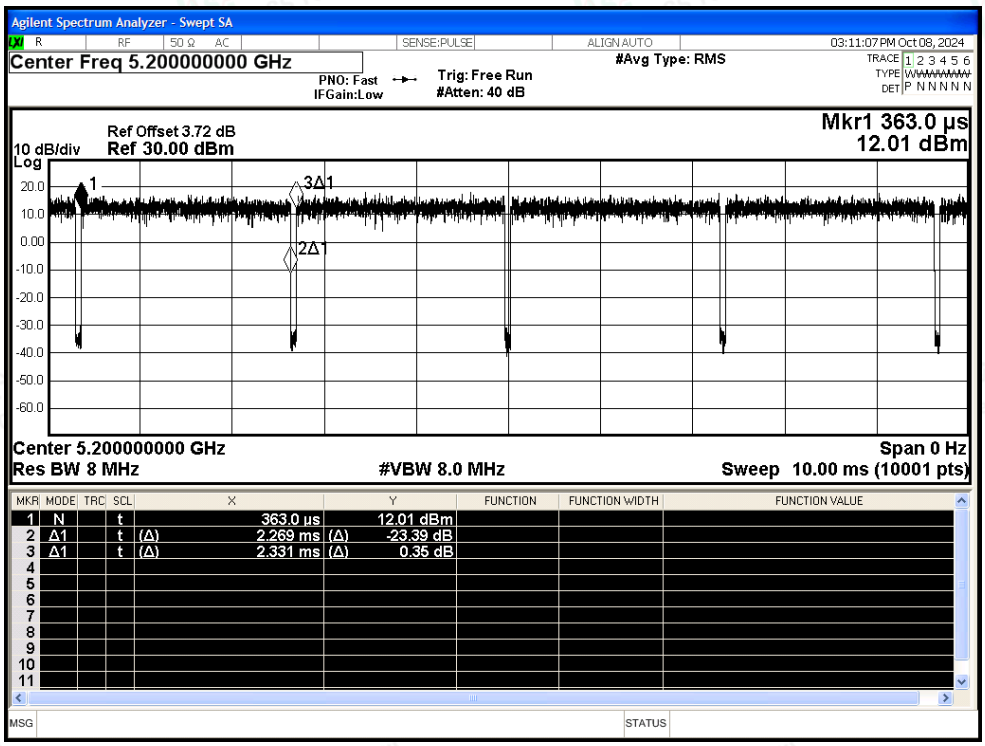
Duty Cycle NVNT ac160 5250MHz Ant0



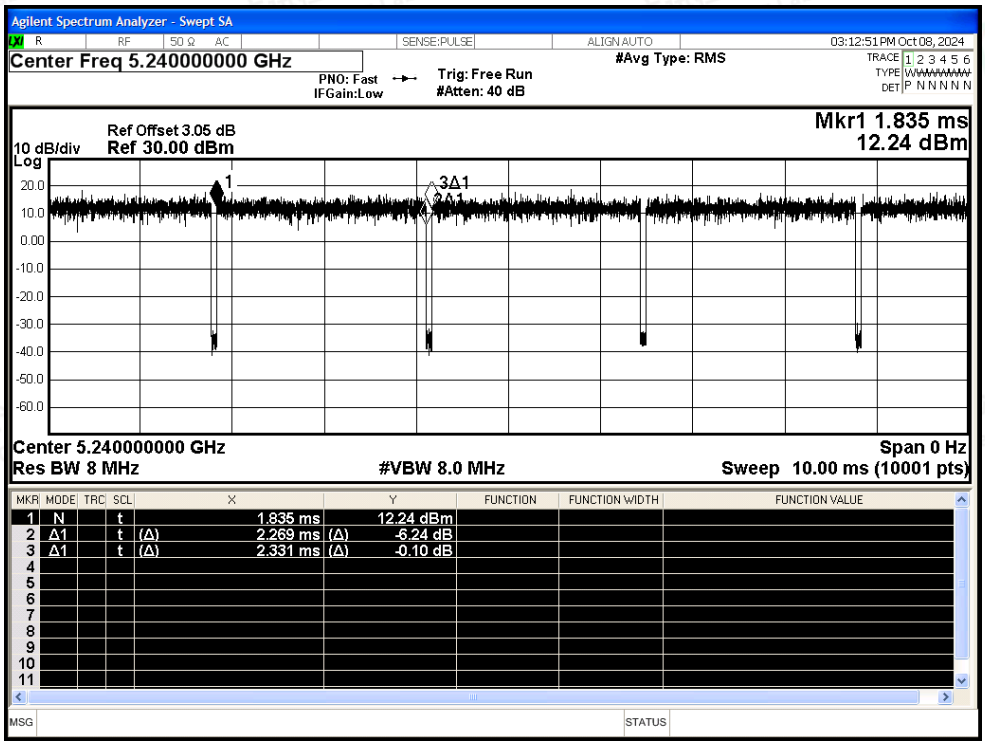
Duty Cycle NVNT ax20 5180MHz Ant0



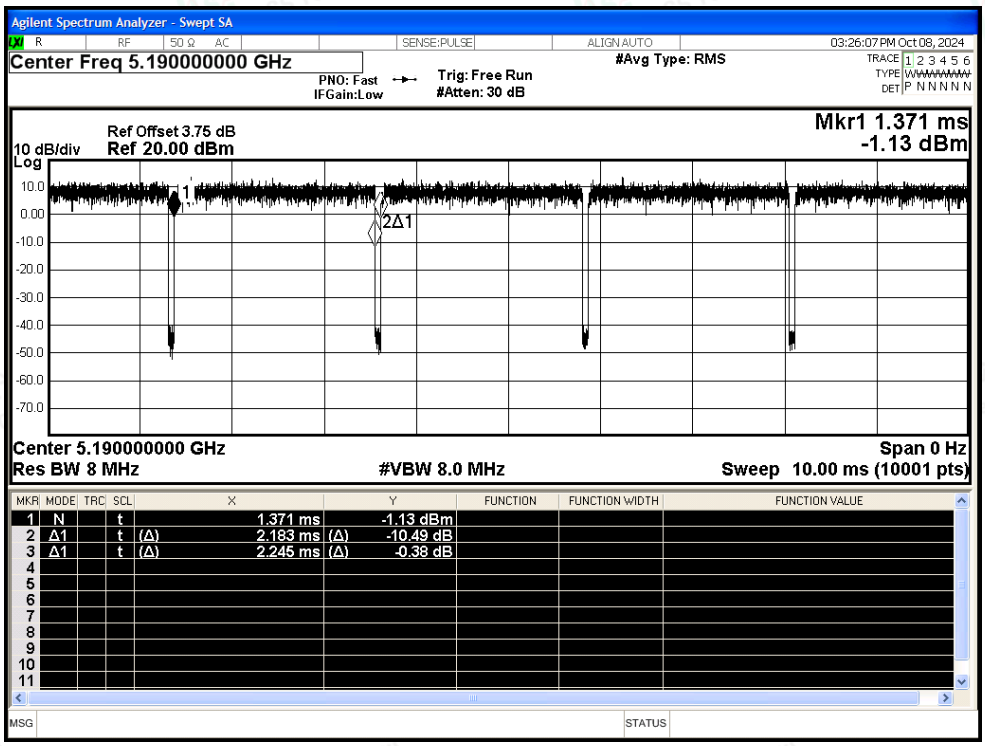
Duty Cycle NVNT ax20 5200MHz Ant0



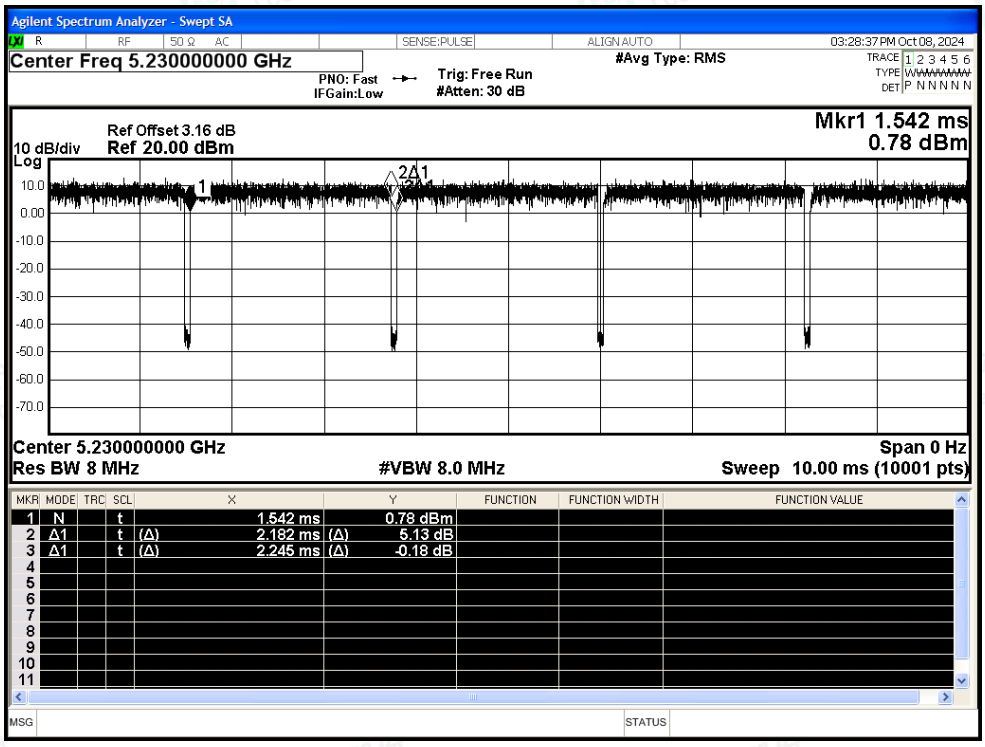
Duty Cycle NVNT ax20 5240MHz Ant0



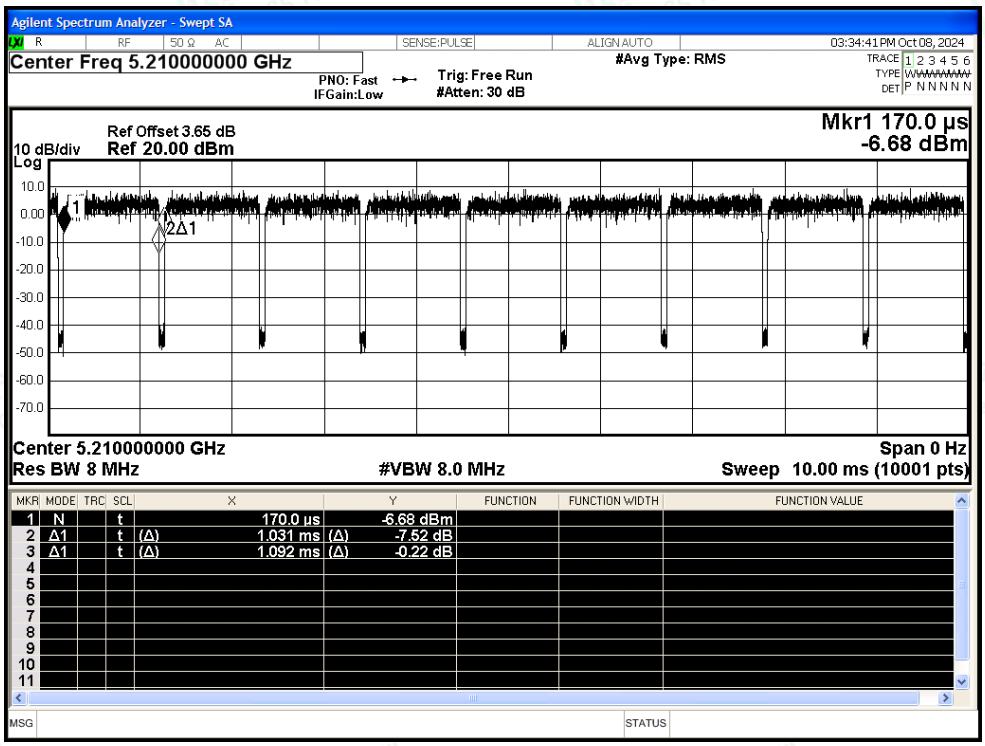
Duty Cycle NVNT ax40 5190MHz Ant0



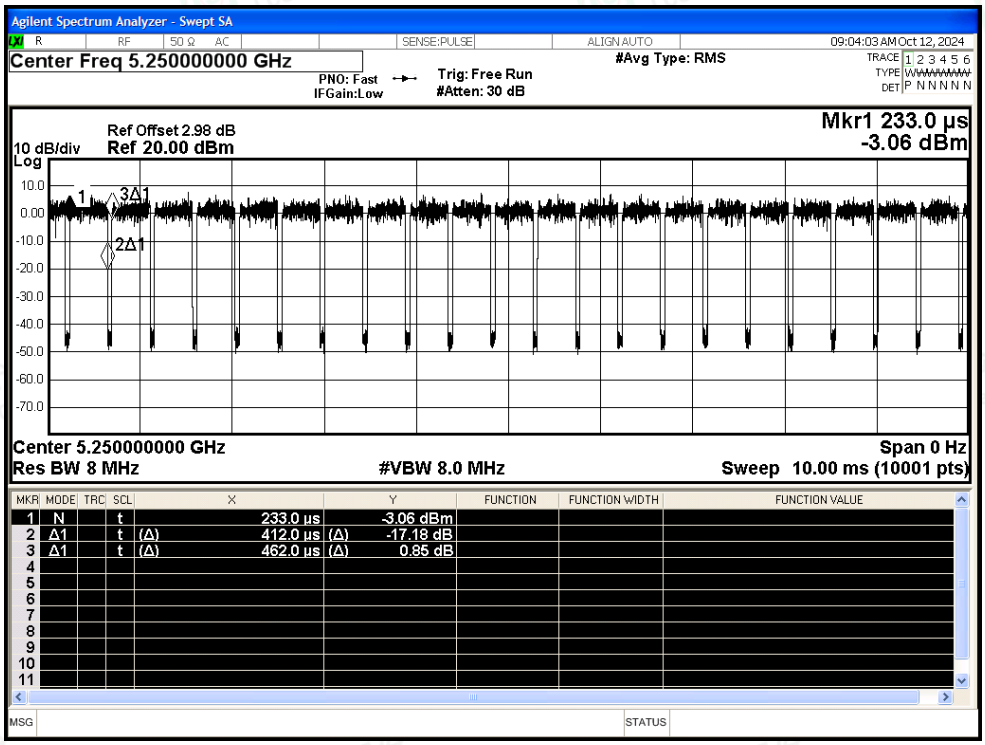
Duty Cycle NVNT ax40 5230MHz Ant0



Duty Cycle NVNT ax80 5210MHz Ant0



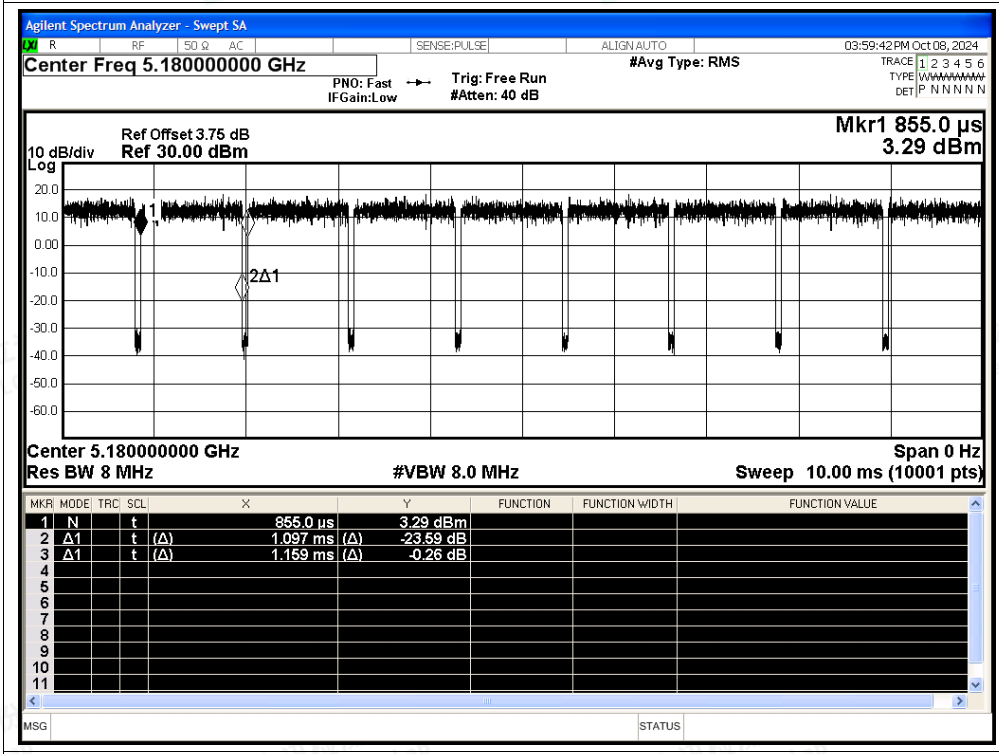
Duty Cycle NVNT ax160 5250MHz Ant0



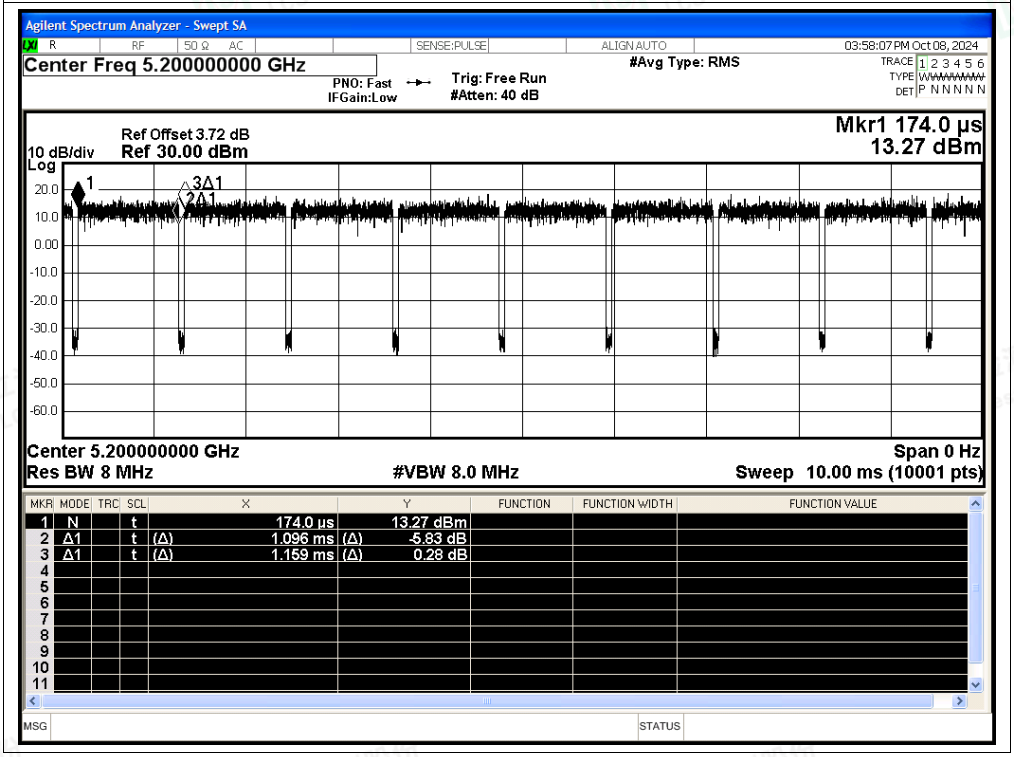
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant1	94.65	0.24	0.91
NVNT	a	5200	Ant1	94.56	0.24	0.91
NVNT	a	5240	Ant1	94.65	0.24	0.91
NVNT	n20	5180	Ant1	97.33	0.12	0.44
NVNT	n20	5200	Ant1	97.29	0.12	0.44
NVNT	n20	5240	Ant1	97.29	0.12	0.44
NVNT	n40	5190	Ant1	97.23	0.12	0.46
NVNT	n40	5230	Ant1	97.23	0.12	0.46
NVNT	ac20	5180	Ant1	97.34	0.12	0.44
NVNT	ac20	5200	Ant1	97.34	0.12	0.44
NVNT	ac20	5240	Ant1	97.3	0.12	0.44
NVNT	ac40	5190	Ant1	97.24	0.12	0.46
NVNT	ac40	5230	Ant1	97.19	0.12	0.46
NVNT	ac80	5210	Ant1	94.32	0.25	0.97
NVNT	ac160	5250	Ant1	90.94	0.41	1.95
NVNT	ax20	5180	Ant1	97.34	0.12	0.44
NVNT	ax20	5200	Ant1	97.34	0.12	0.44
NVNT	ax20	5240	Ant1	97.34	0.12	0.44
NVNT	ax40	5190	Ant1	97.19	0.12	0.46
NVNT	ax40	5230	Ant1	97.24	0.12	0.46
NVNT	ax80	5210	Ant1	94.41	0.25	0.97
NVNT	ax160	5250	Ant1	89.18	0.5	2.43

Test Graphs

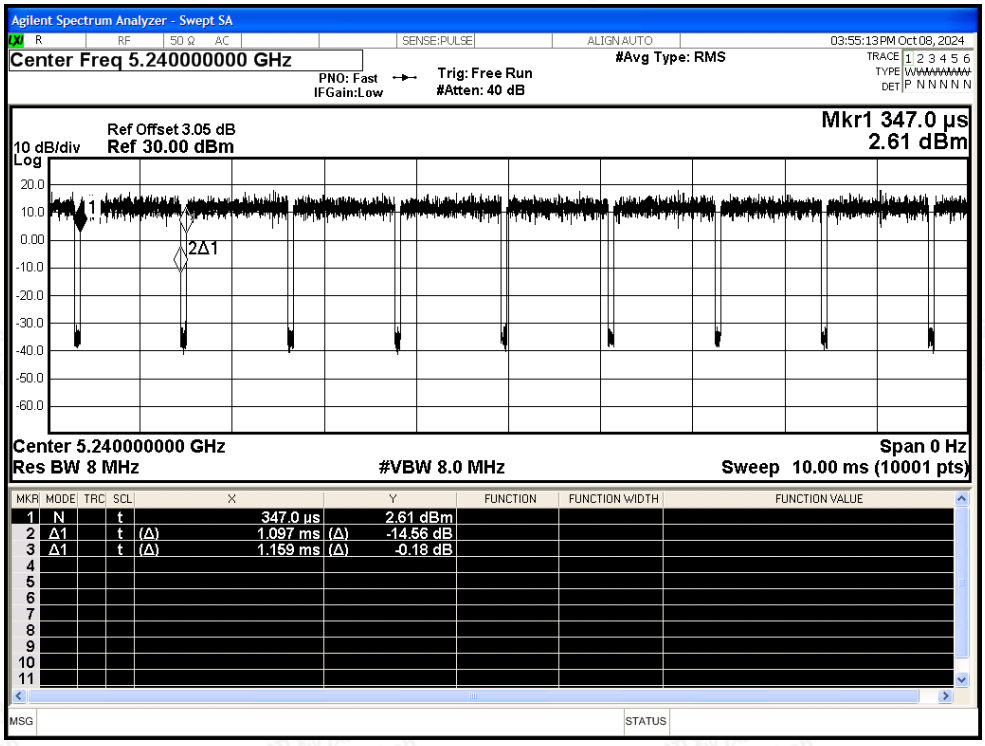
Duty Cycle NVNT a 5180MHz Ant1



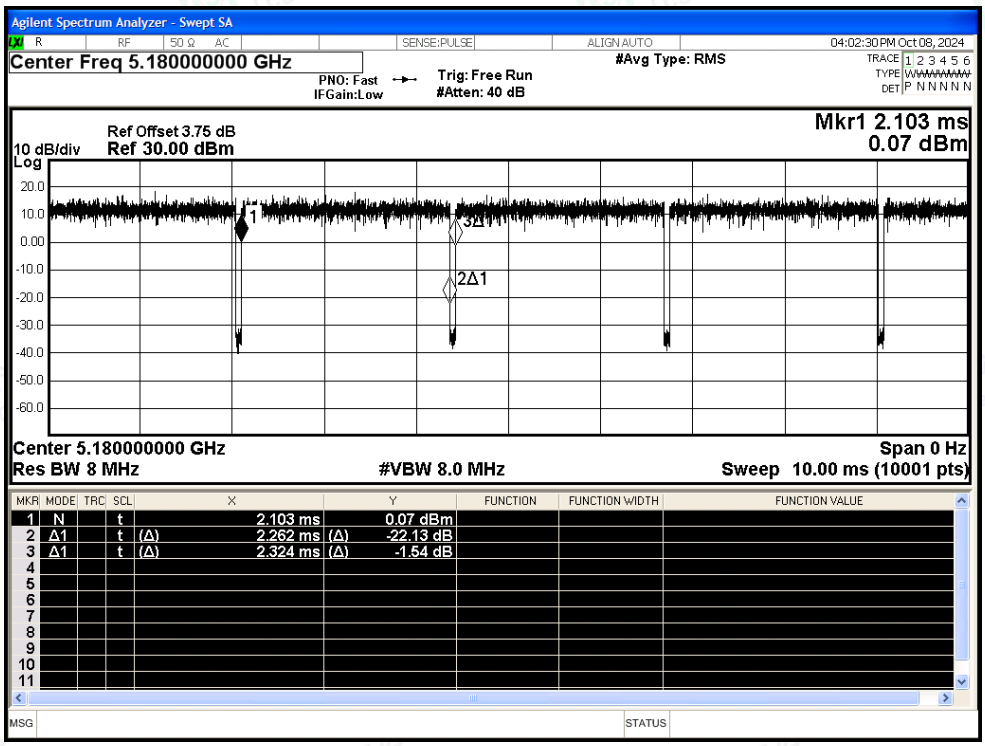
Duty Cycle NVNT a 5200MHz Ant1



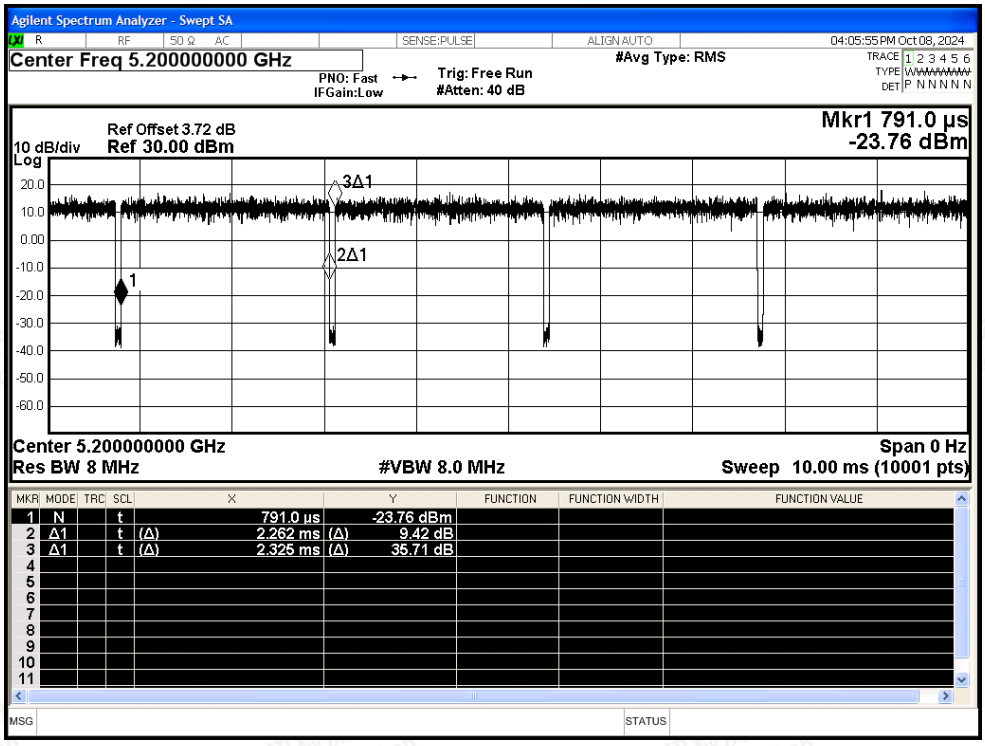
Duty Cycle NVNT a 5240MHz Ant1



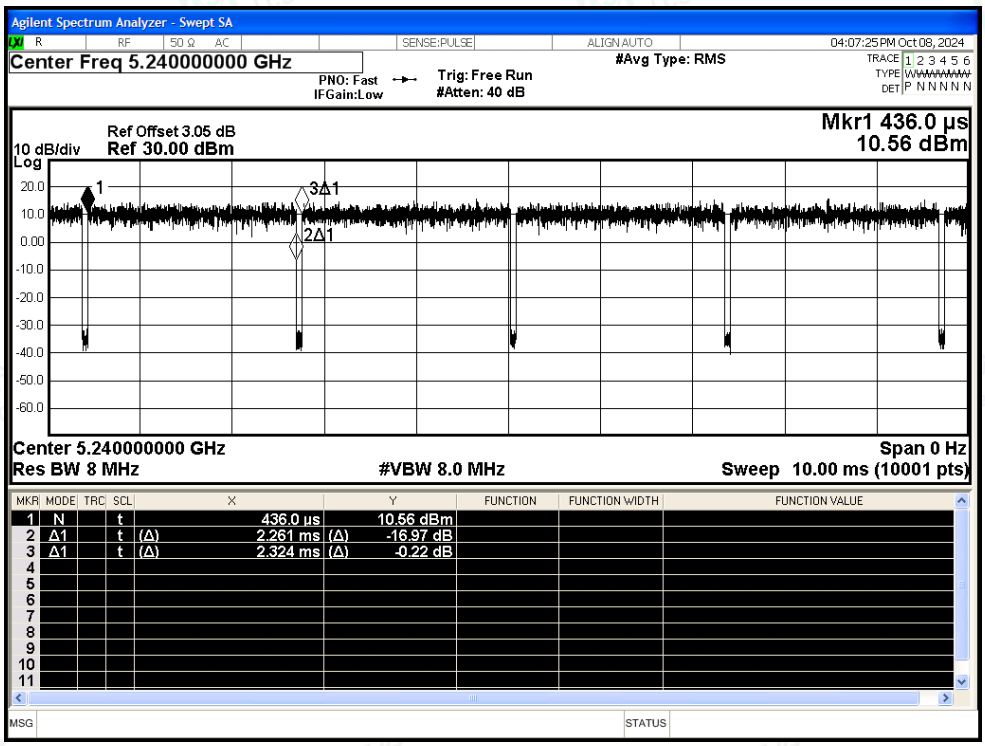
Duty Cycle NVNT n20 5180MHz Ant1



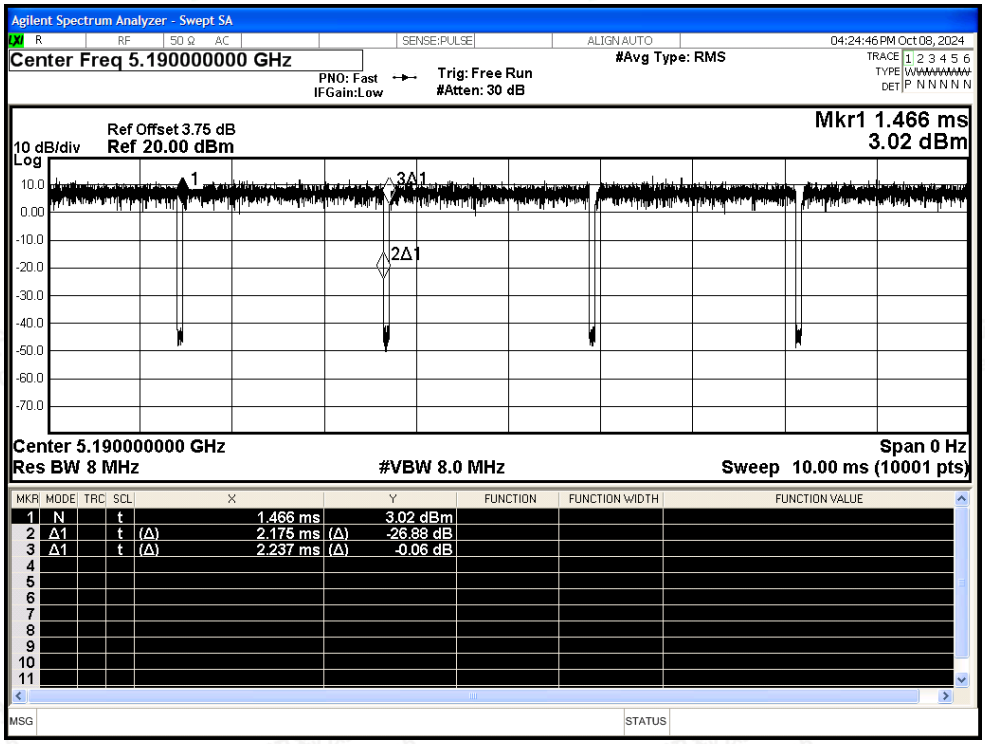
Duty Cycle NVNT n20 5200MHz Ant1



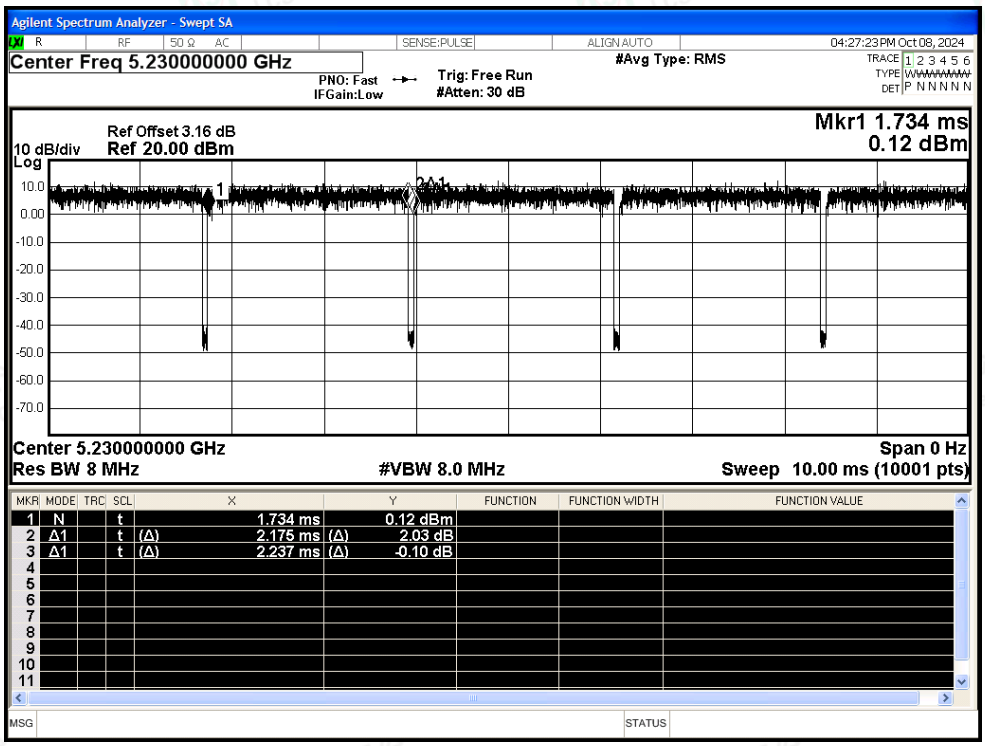
Duty Cycle NVNT n20 5240MHz Ant1



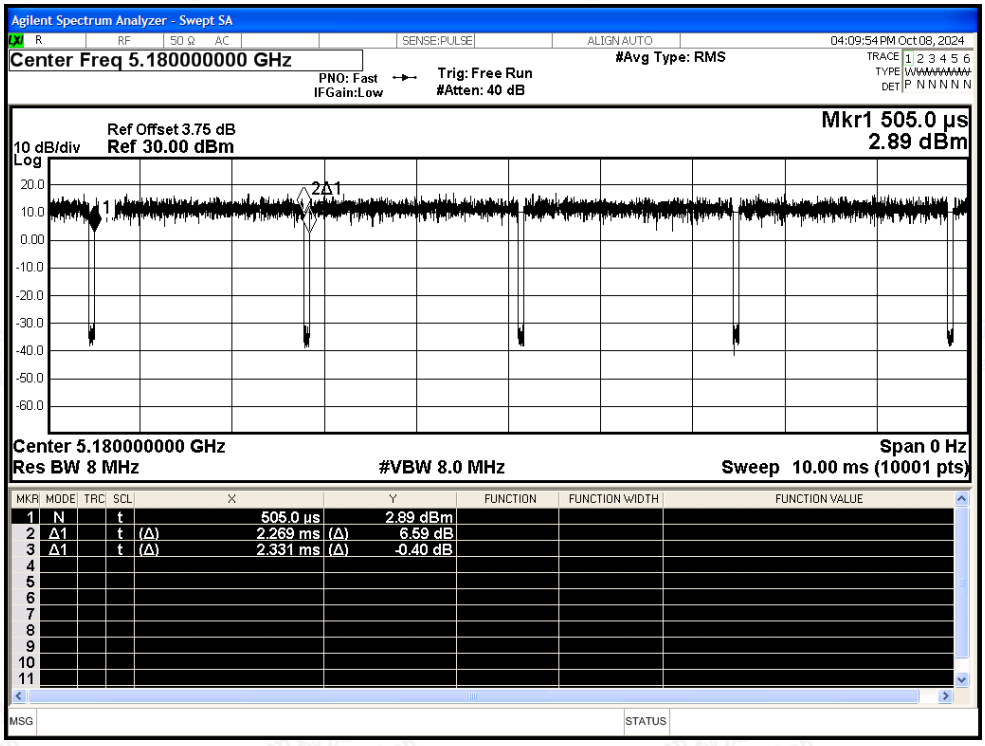
Duty Cycle NVNT n40 5190MHz Ant1



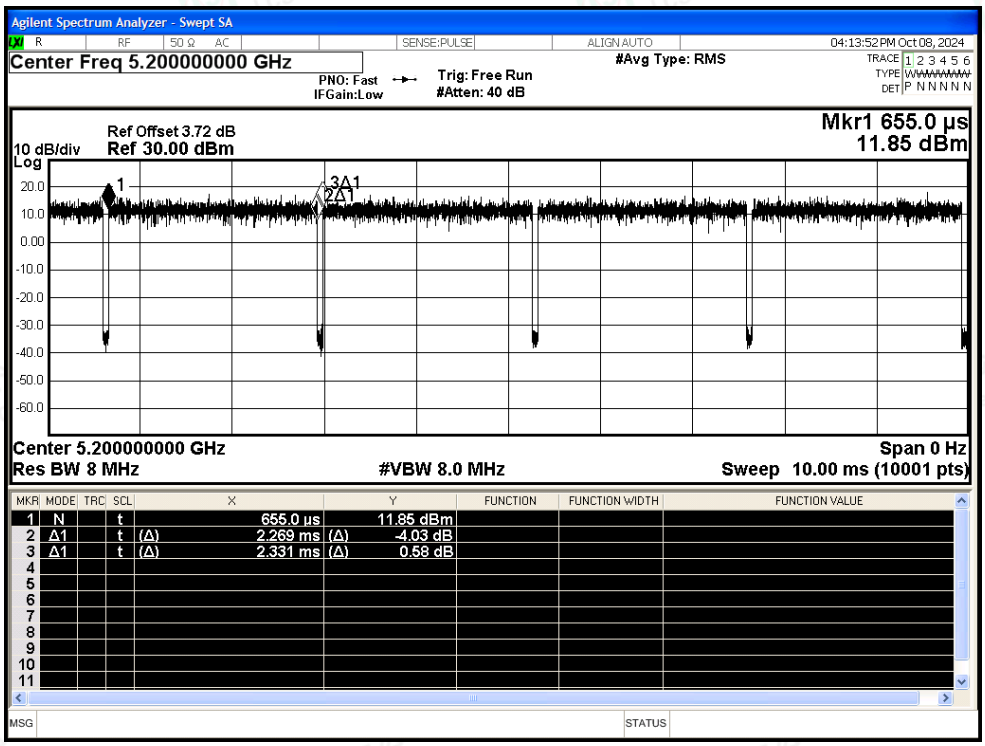
Duty Cycle NVNT n40 5230MHz Ant1



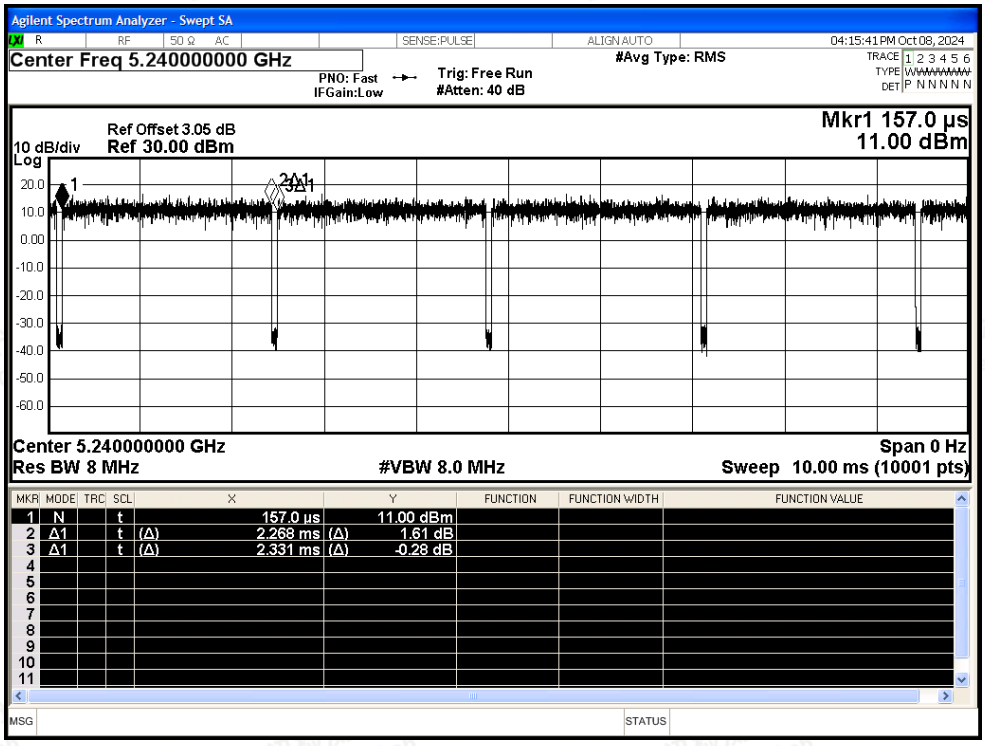
Duty Cycle NVNT ac20 5180MHz Ant1



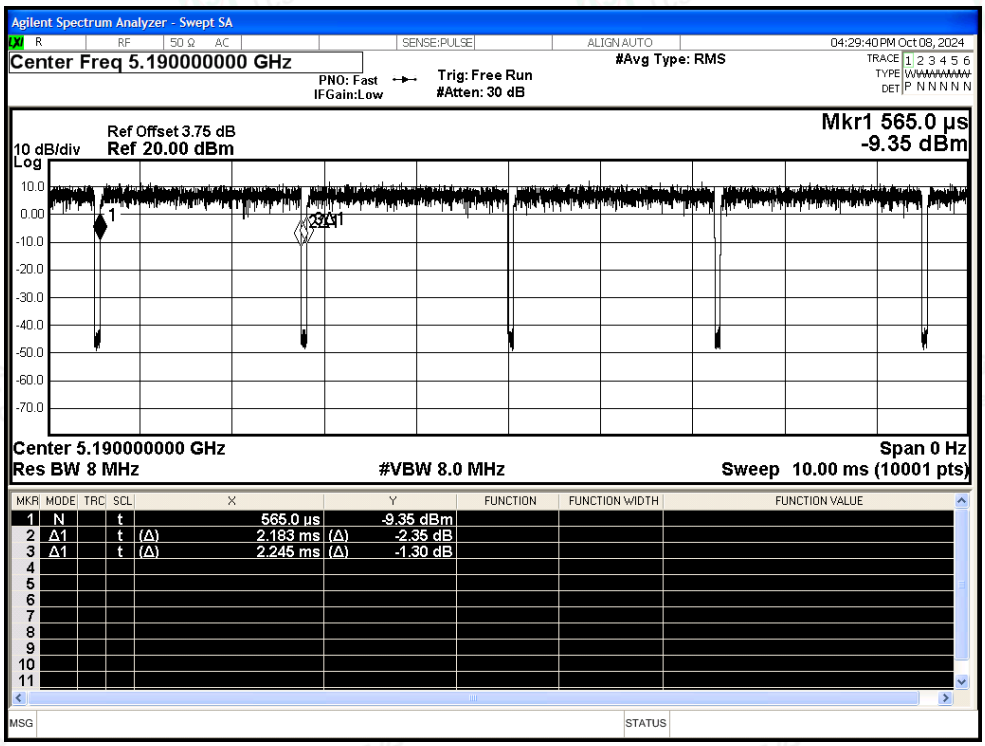
Duty Cycle NVNT ac20 5200MHz Ant1



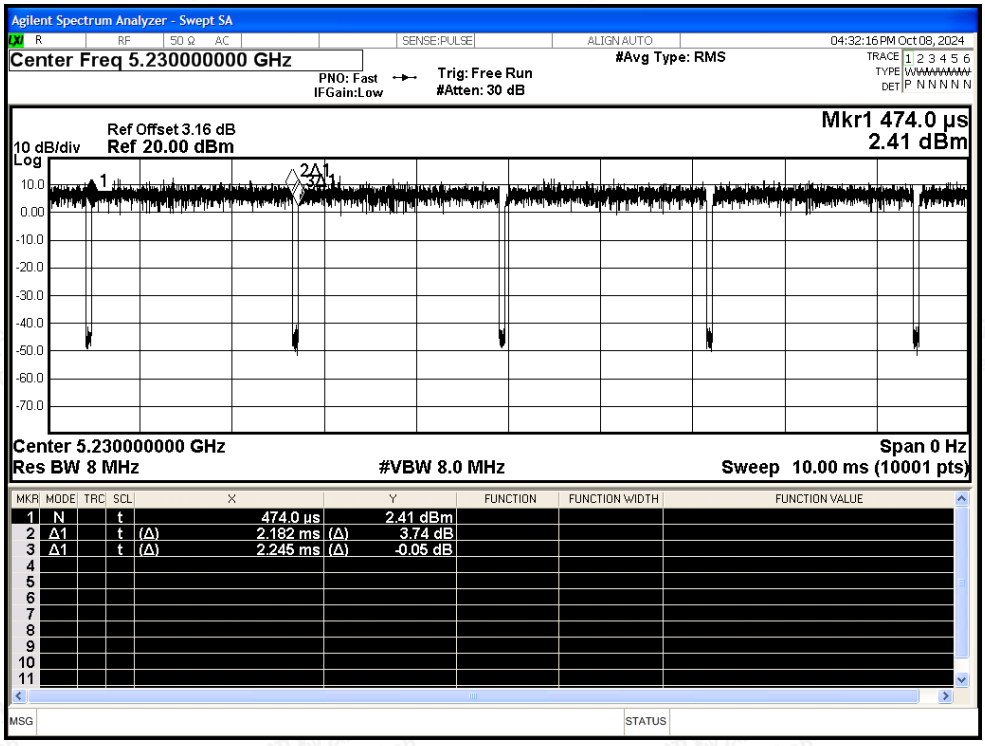
Duty Cycle NVNT ac20 5240MHz Ant1



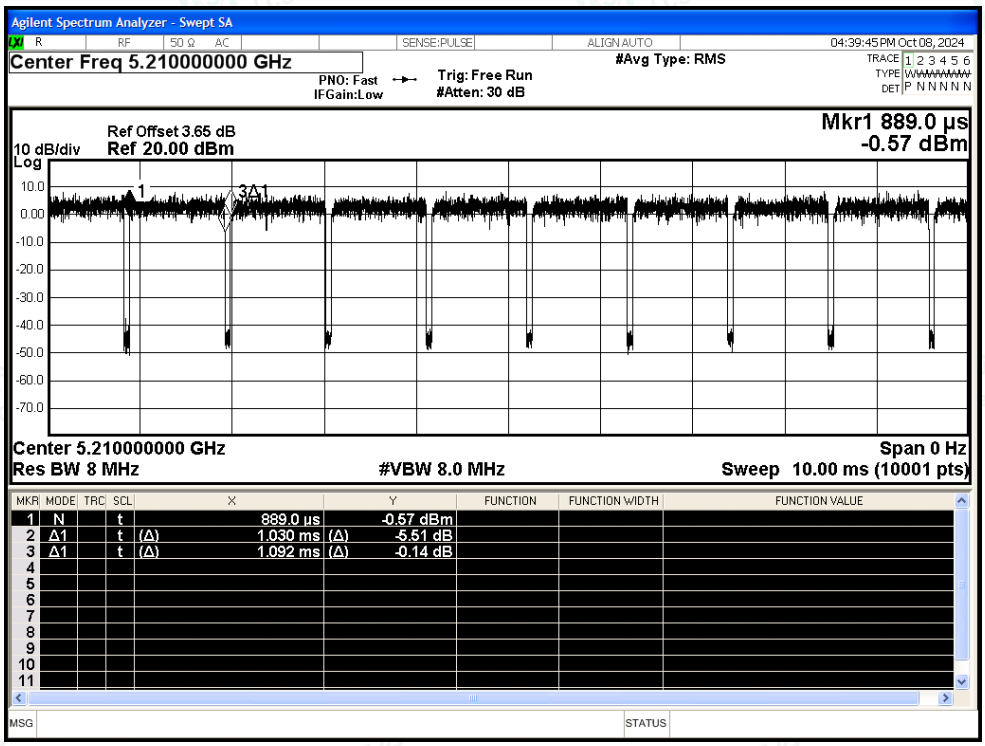
Duty Cycle NVNT ac40 5190MHz Ant1



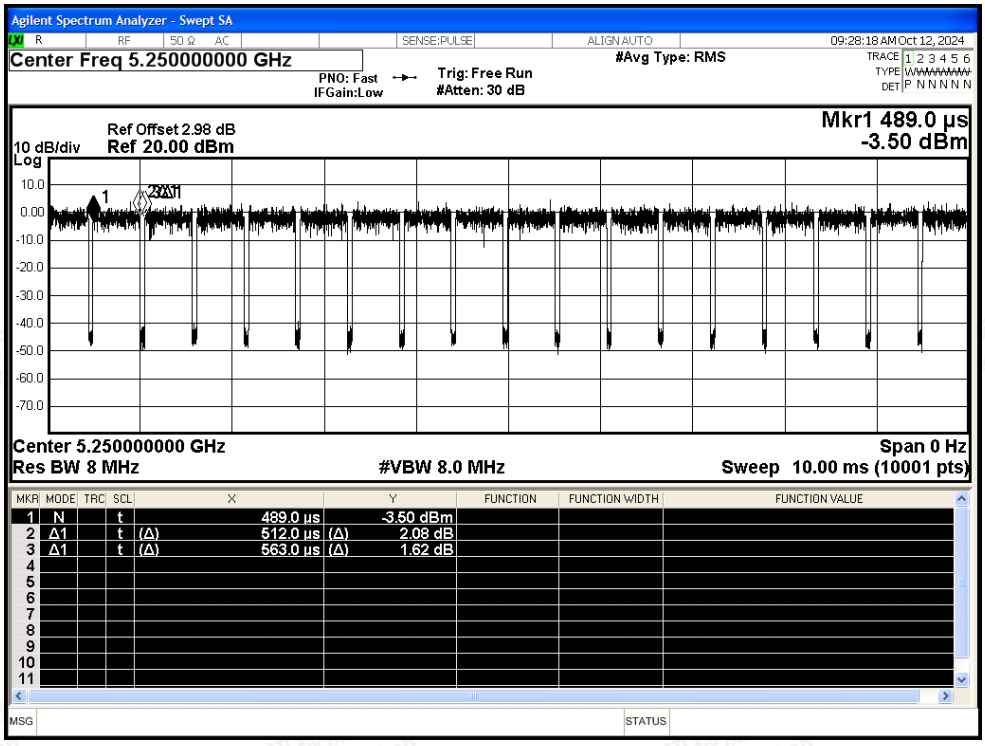
Duty Cycle NVNT ac40 5230MHz Ant1



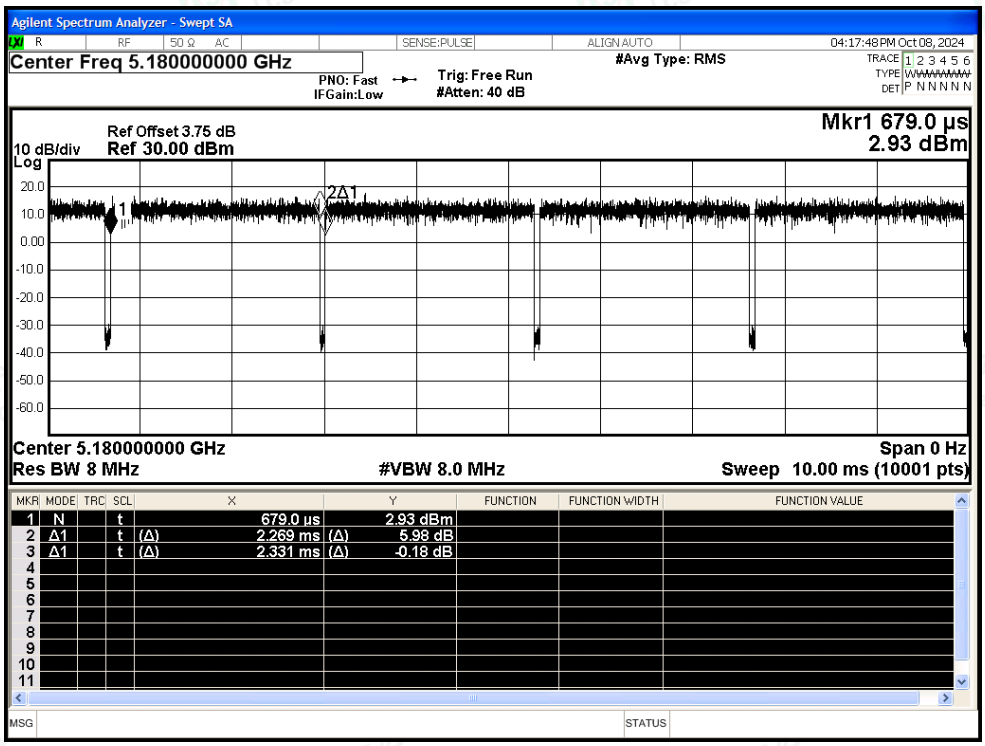
Duty Cycle NVNT ac80 5210MHz Ant1



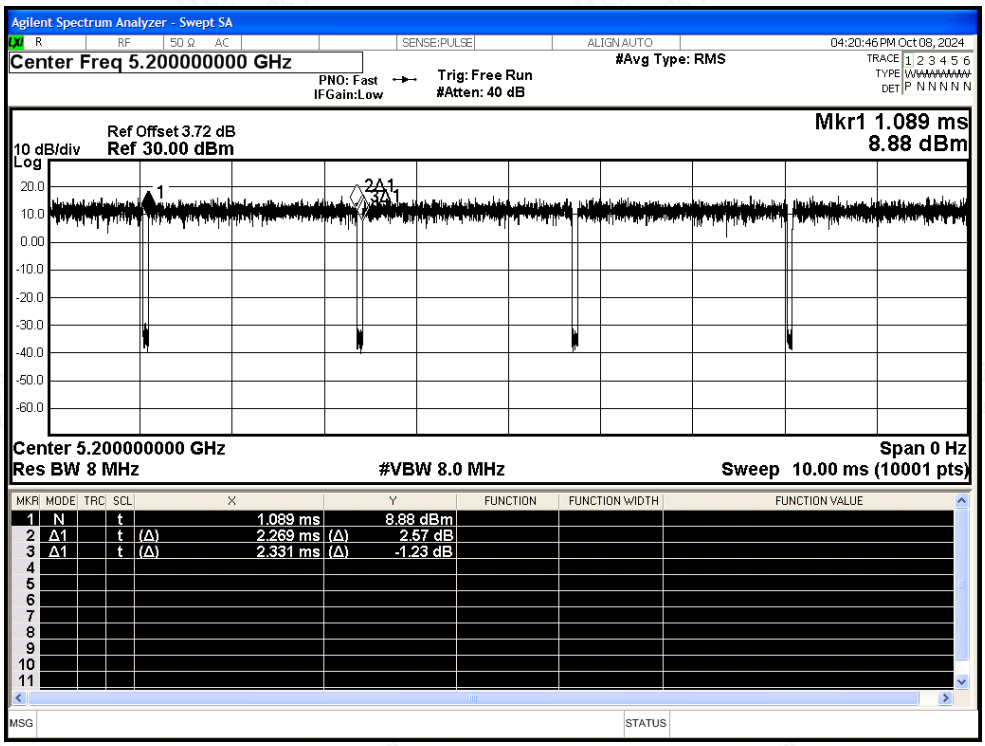
Duty Cycle NVNT ac160 5250MHz Ant1



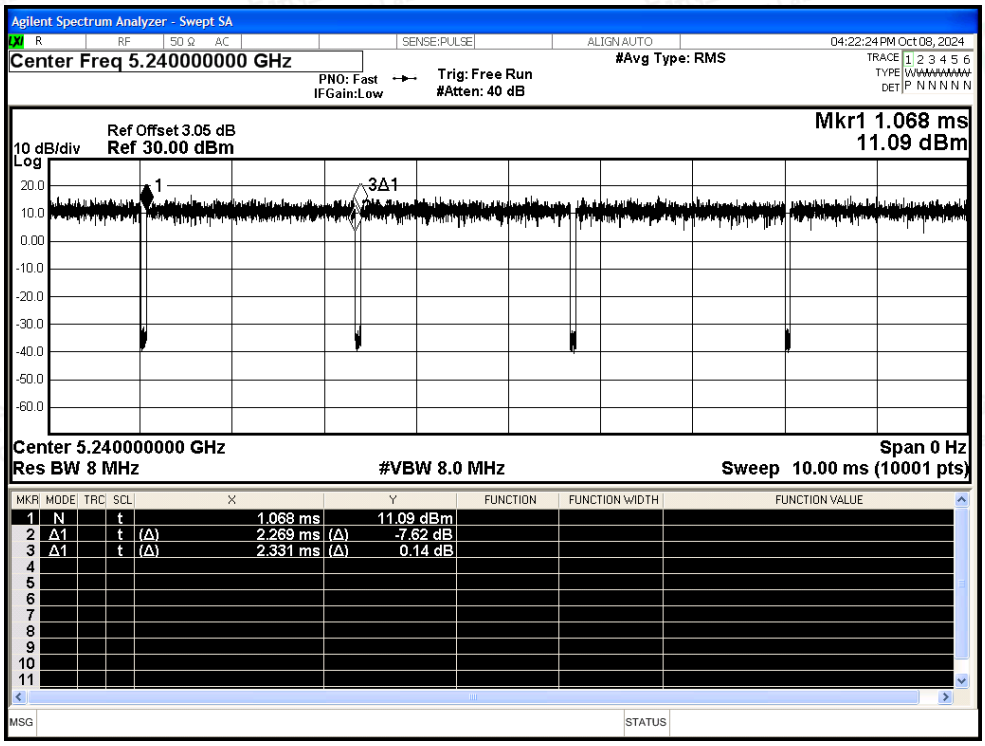
Duty Cycle NVNT ax20 5180MHz Ant1



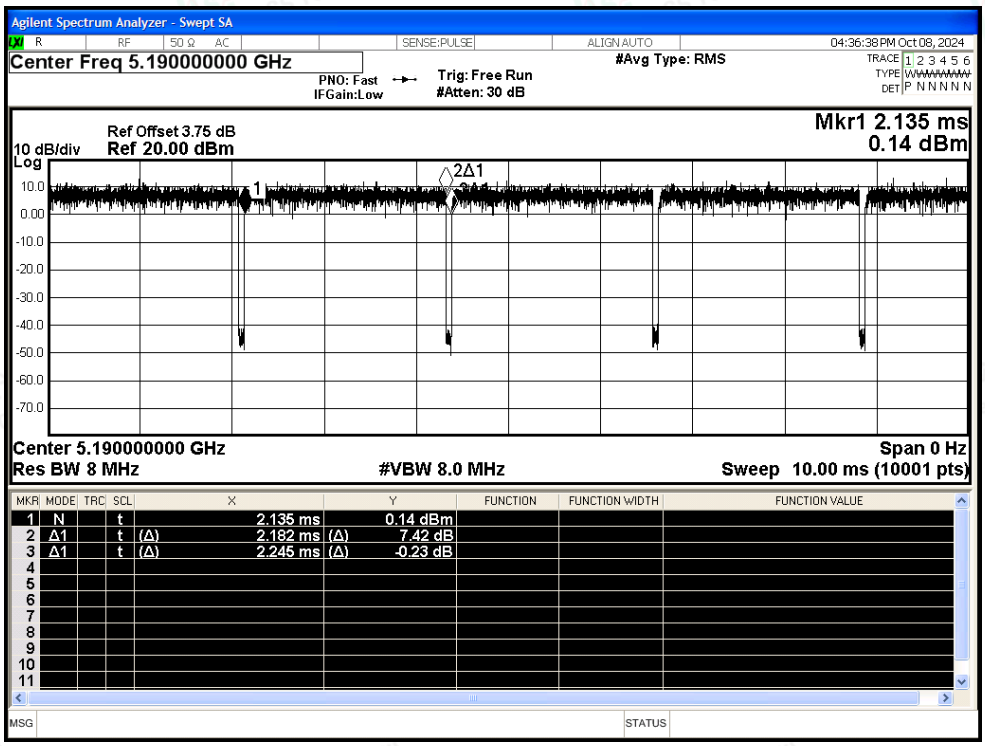
Duty Cycle NVNT ax20 5200MHz Ant1



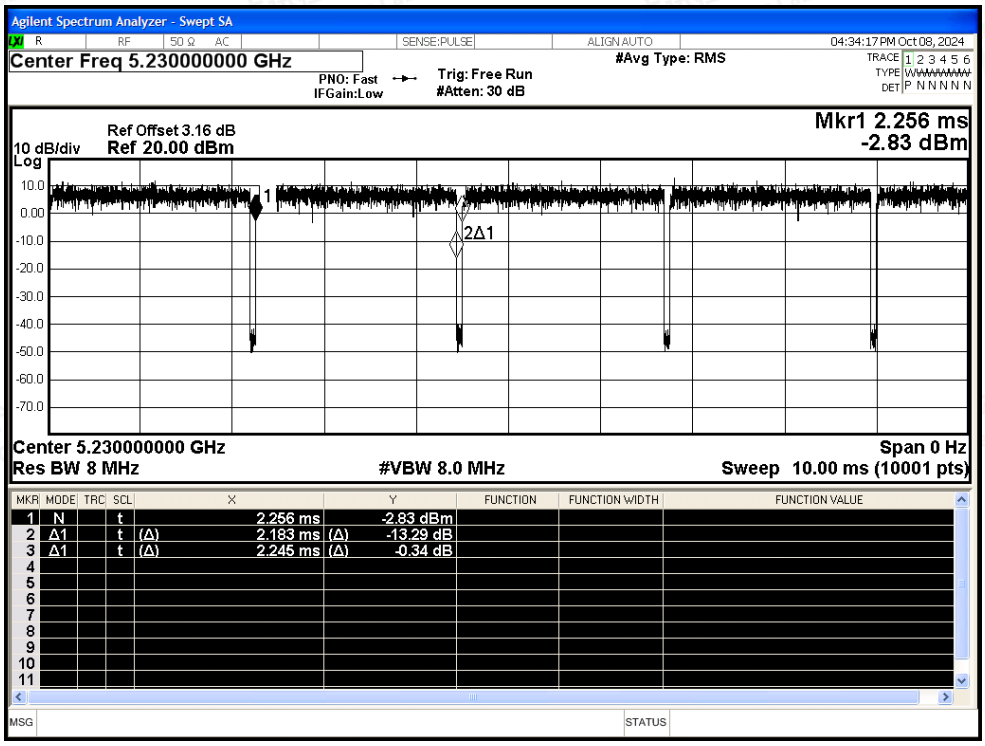
Duty Cycle NVNT ax20 5240MHz Ant1



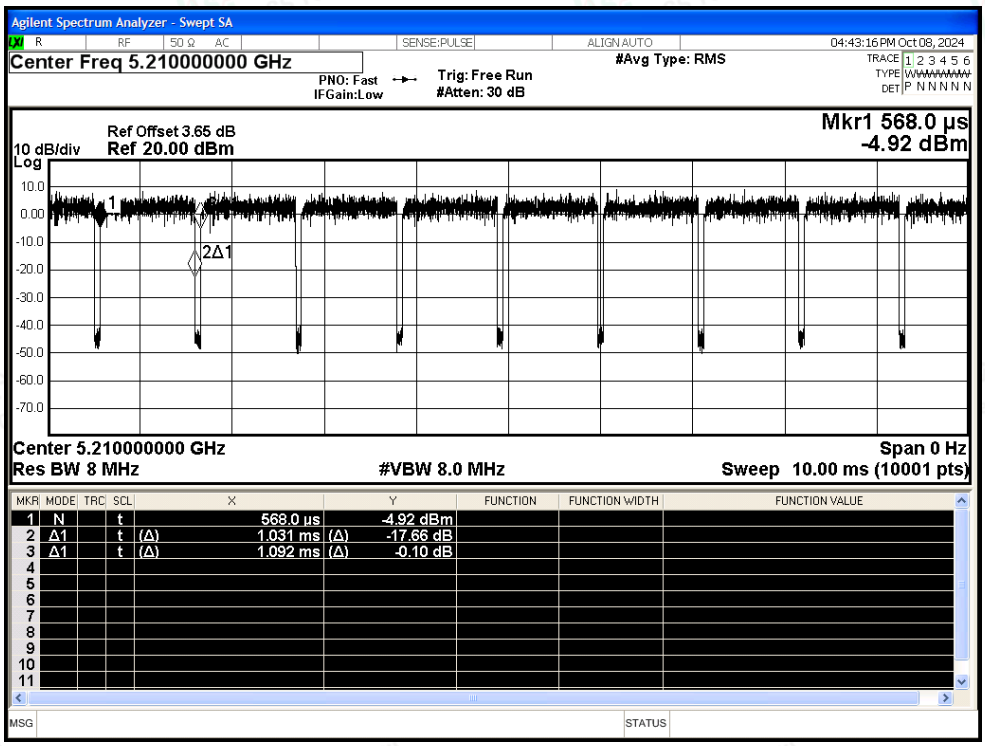
Duty Cycle NVNT ax40 5190MHz Ant1



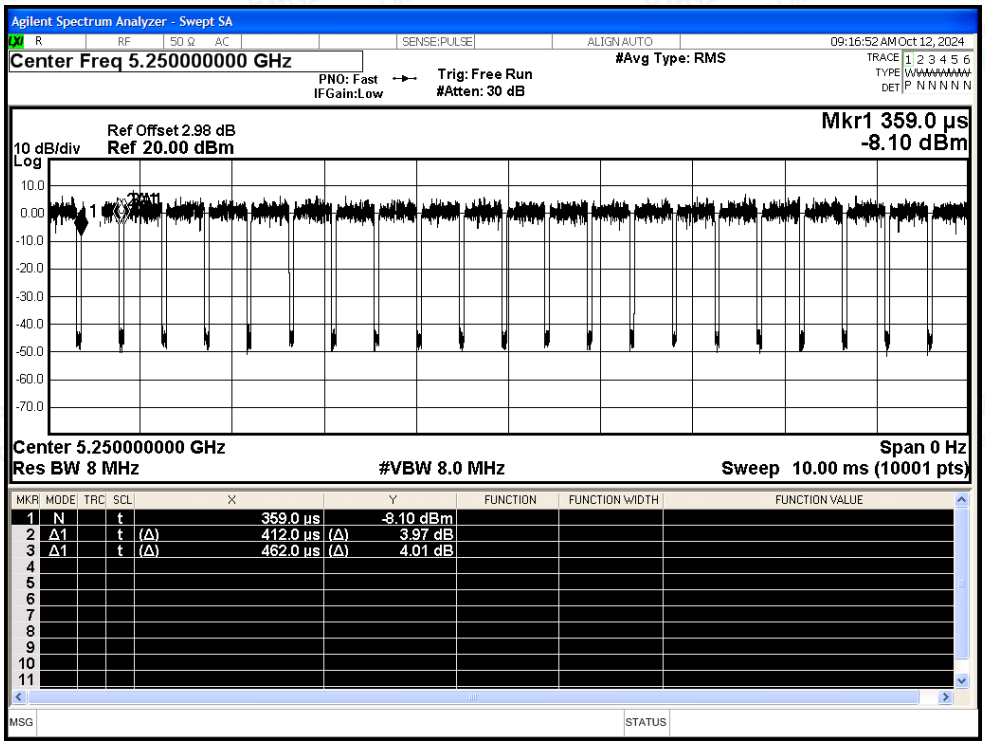
Duty Cycle NVNT ax40 5230MHz Ant1



Duty Cycle NVNT ax80 5210MHz Ant1



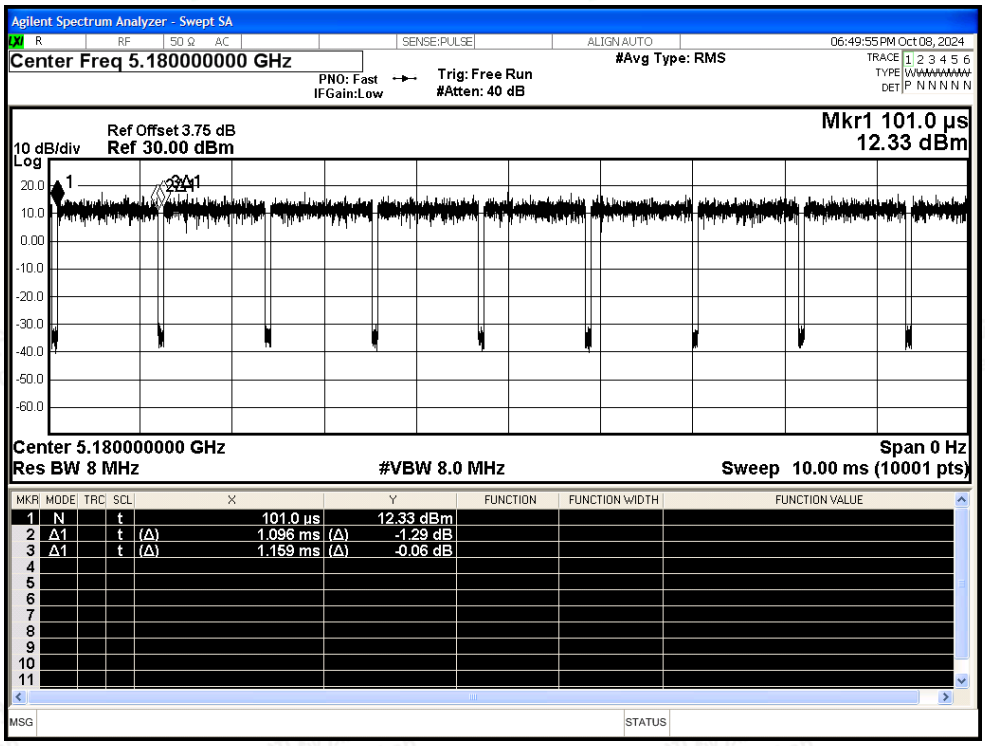
Duty Cycle NVNT ax160 5250MHz Ant1



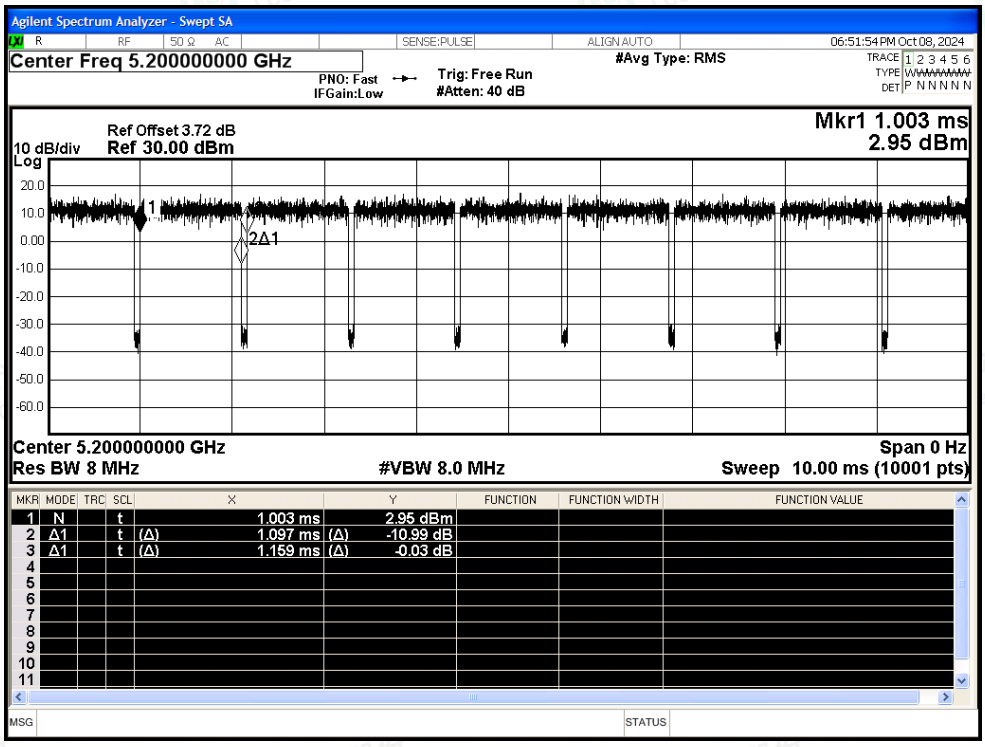
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant2	94.56	0.24	0.91
NVNT	a	5200	Ant2	94.65	0.24	0.91
NVNT	a	5240	Ant2	94.65	0.24	0.91
NVNT	n20	5180	Ant2	97.33	0.12	0.44
NVNT	n20	5200	Ant2	97.29	0.12	0.44
NVNT	n20	5240	Ant2	97.29	0.12	0.44
NVNT	n40	5190	Ant2	97.18	0.12	0.46
NVNT	n40	5230	Ant2	97.18	0.12	0.46
NVNT	ac20	5180	Ant2	97.34	0.12	0.44
NVNT	ac20	5200	Ant2	97.34	0.12	0.44
NVNT	ac20	5240	Ant2	97.3	0.12	0.44
NVNT	ac40	5190	Ant2	97.19	0.12	0.46
NVNT	ac40	5230	Ant2	97.19	0.12	0.46
NVNT	ac80	5210	Ant2	94.41	0.25	0.97
NVNT	ac160	5250	Ant2	91.1	0.4	1.95
NVNT	ax20	5180	Ant2	97.34	0.12	0.44
NVNT	ax20	5200	Ant2	97.34	0.12	0.44
NVNT	ax20	5240	Ant2	97.3	0.12	0.44
NVNT	ax40	5190	Ant2	97.19	0.12	0.46
NVNT	ax40	5230	Ant2	97.24	0.12	0.46
NVNT	ax80	5210	Ant2	94.41	0.25	0.97
NVNT	ax160	5250	Ant2	89.18	0.5	2.43

Test Graphs

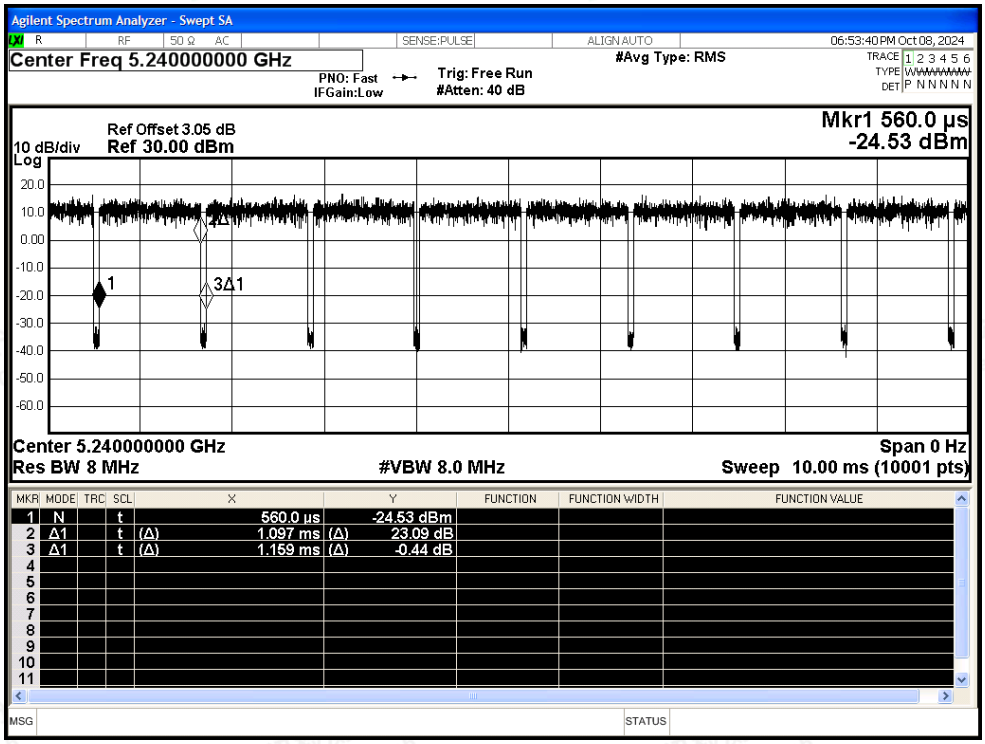
Duty Cycle NVNT a 5180MHz Ant2



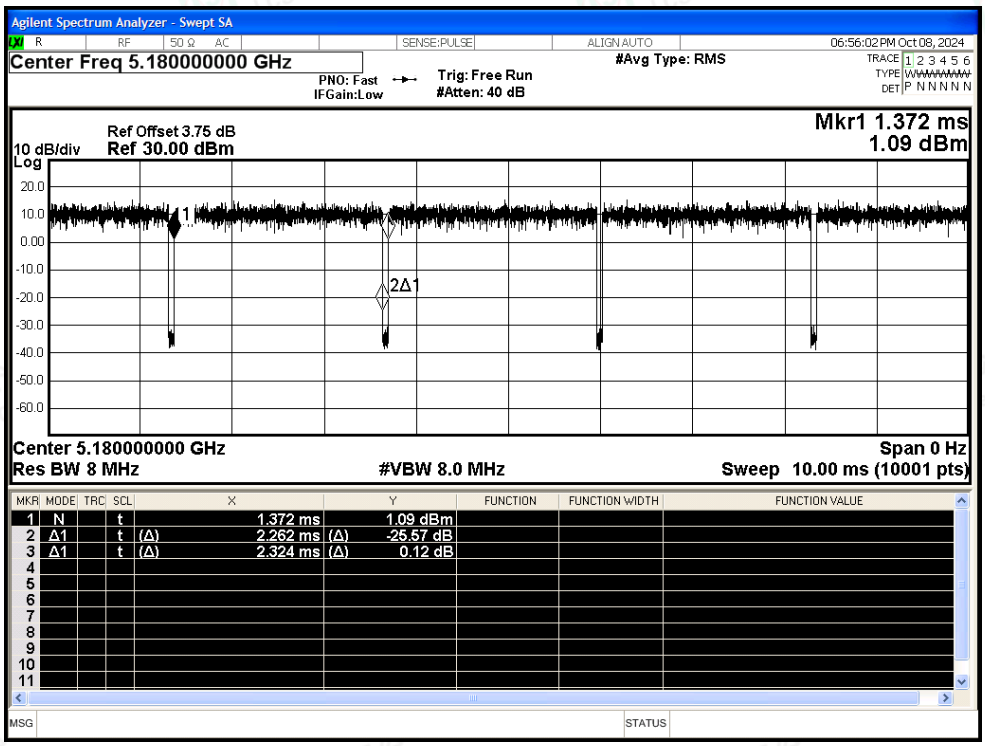
Duty Cycle NVNT a 5200MHz Ant2



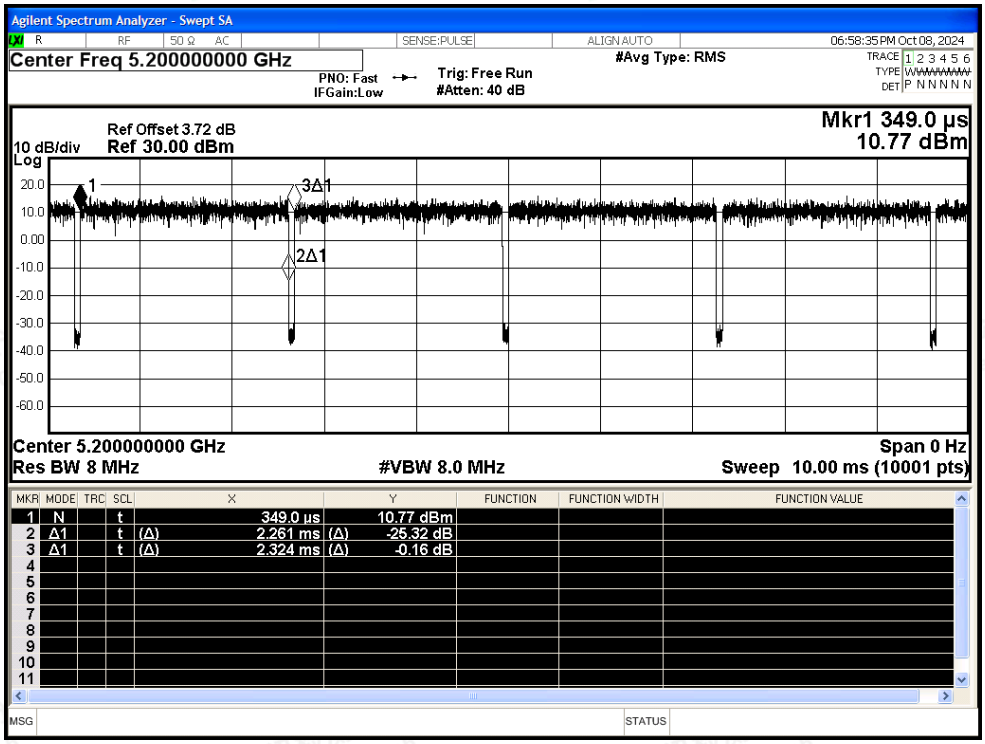
Duty Cycle NVNT a 5240MHz Ant2



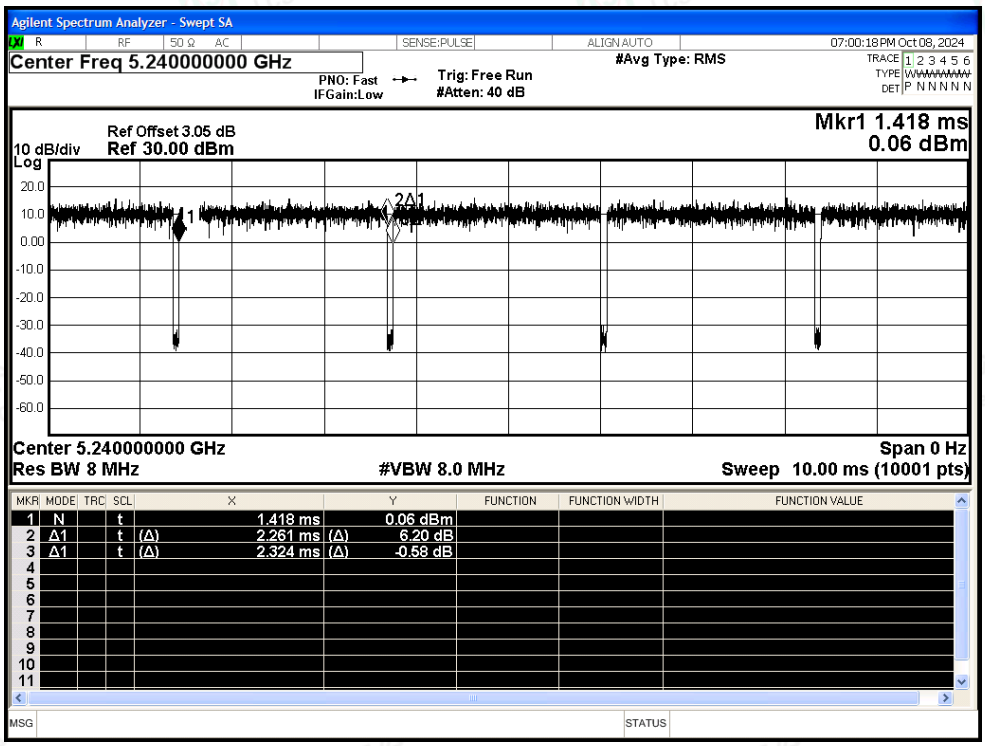
Duty Cycle NVNT n20 5180MHz Ant2



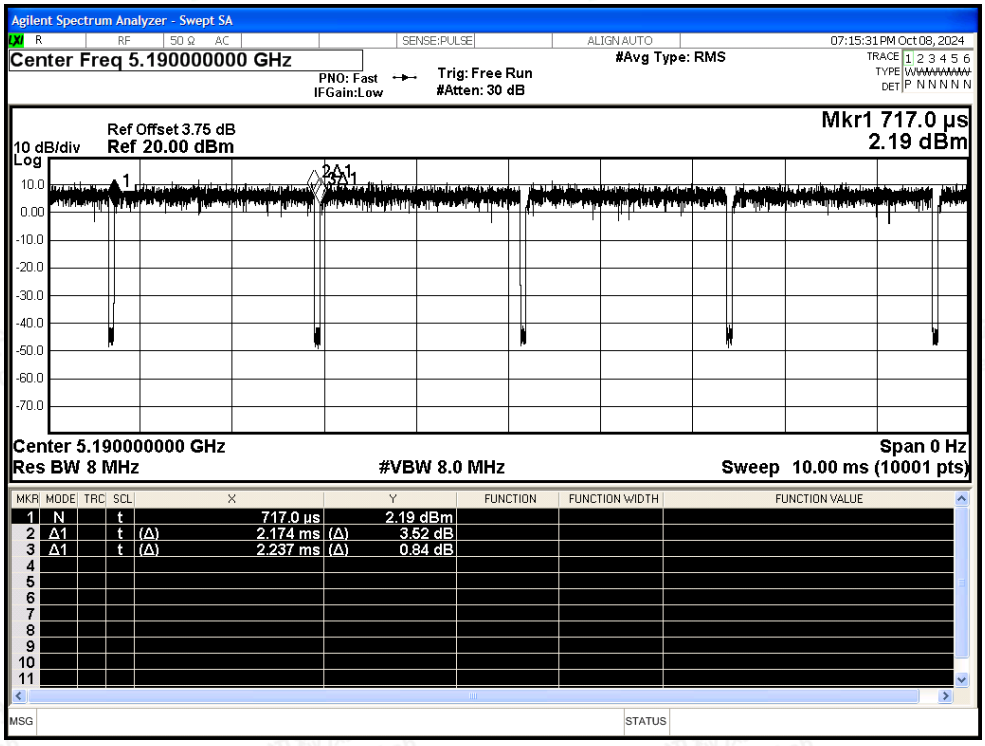
Duty Cycle NVNT n20 5200MHz Ant2



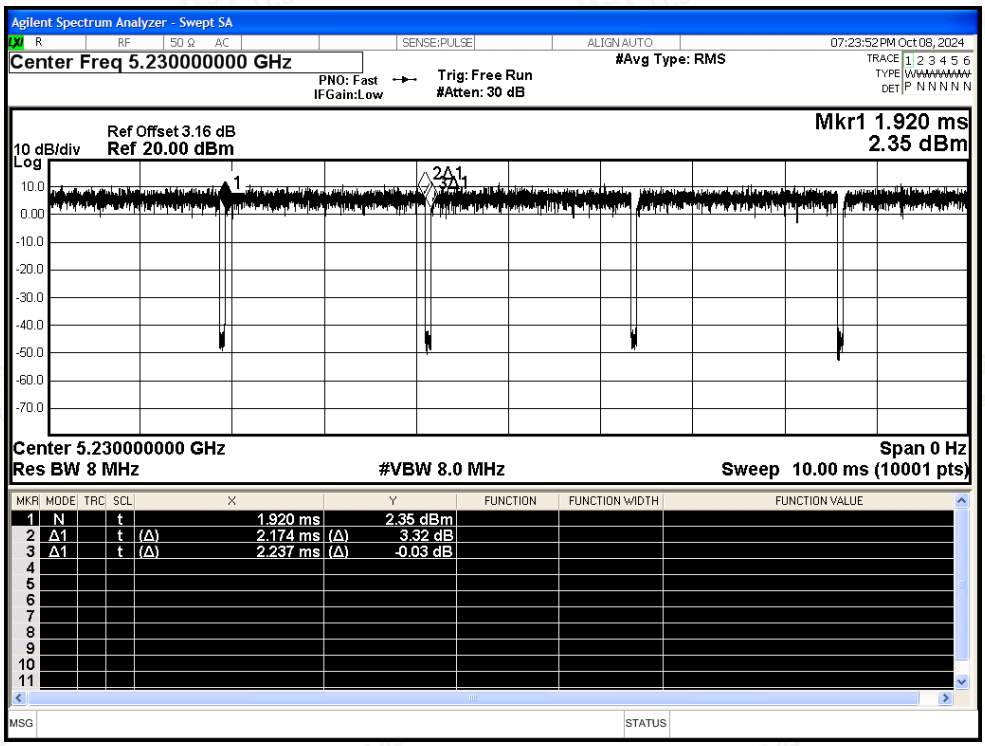
Duty Cycle NVNT n20 5240MHz Ant2



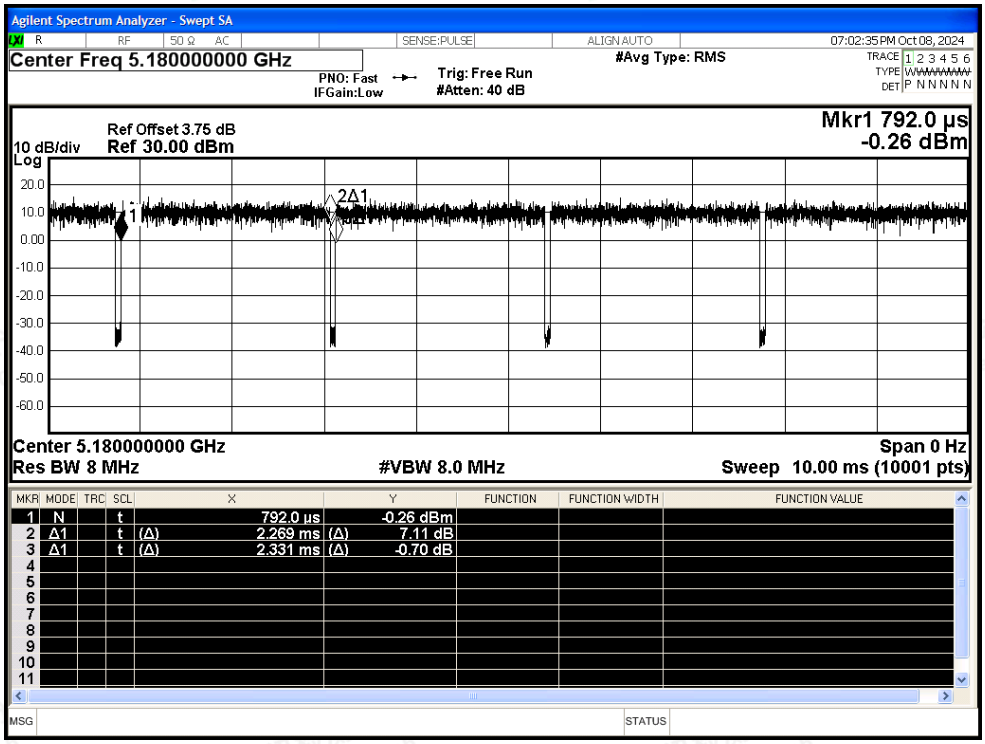
Duty Cycle NVNT n40 5190MHz Ant2



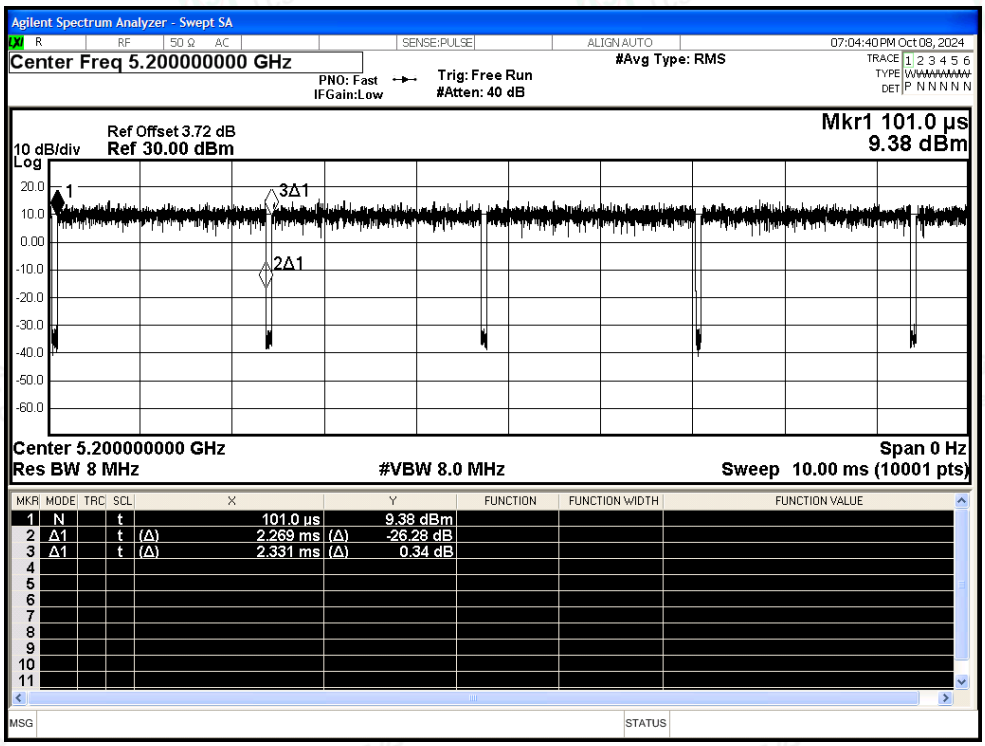
Duty Cycle NVNT n40 5230MHz Ant2



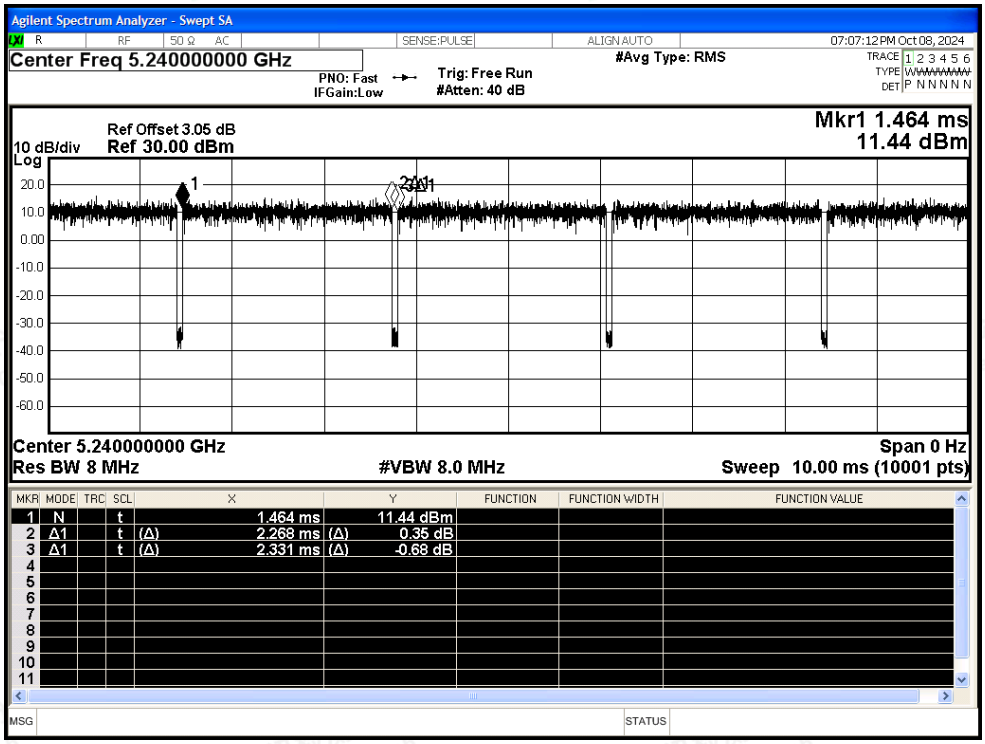
Duty Cycle NVNT ac20 5180MHz Ant2



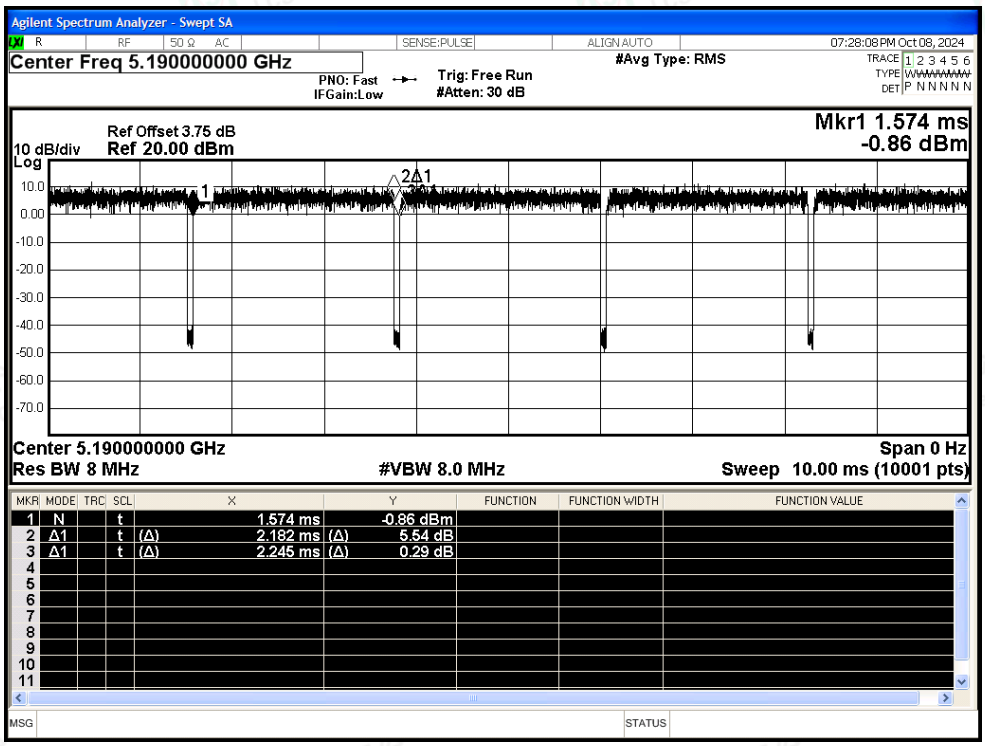
Duty Cycle NVNT ac20 5200MHz Ant2



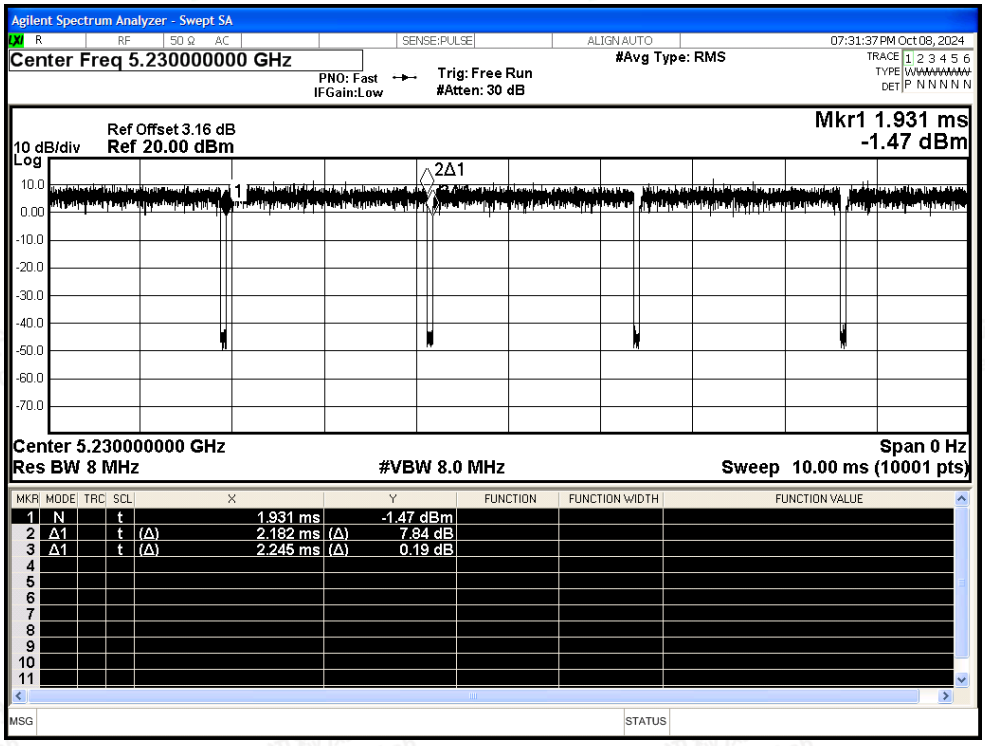
Duty Cycle NVNT ac20 5240MHz Ant2



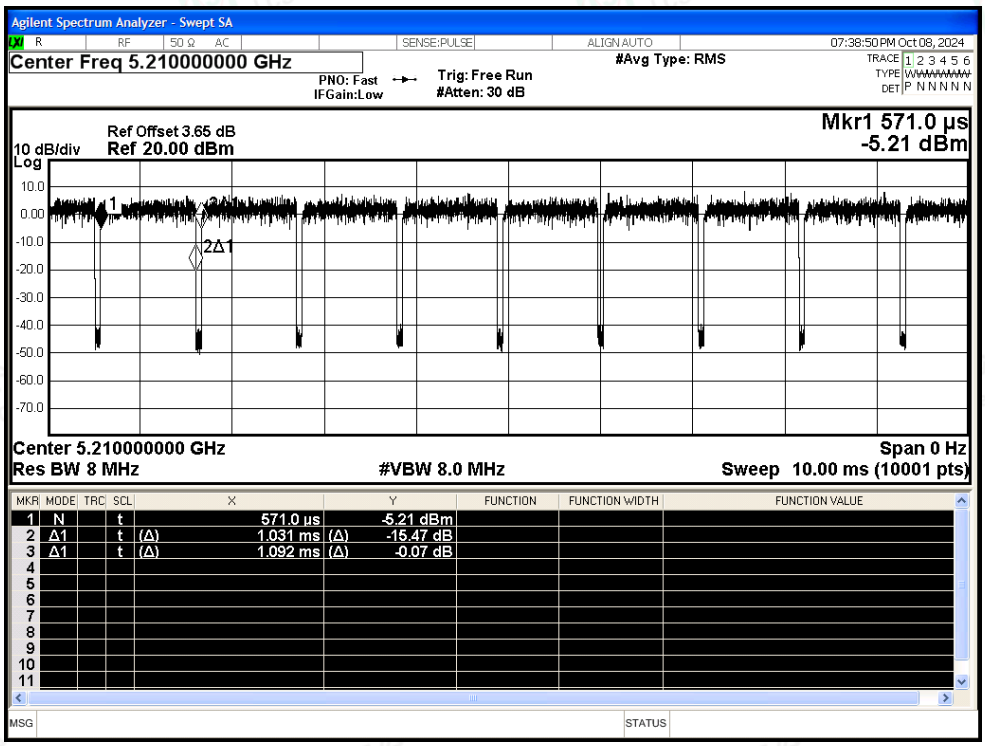
Duty Cycle NVNT ac40 5190MHz Ant2



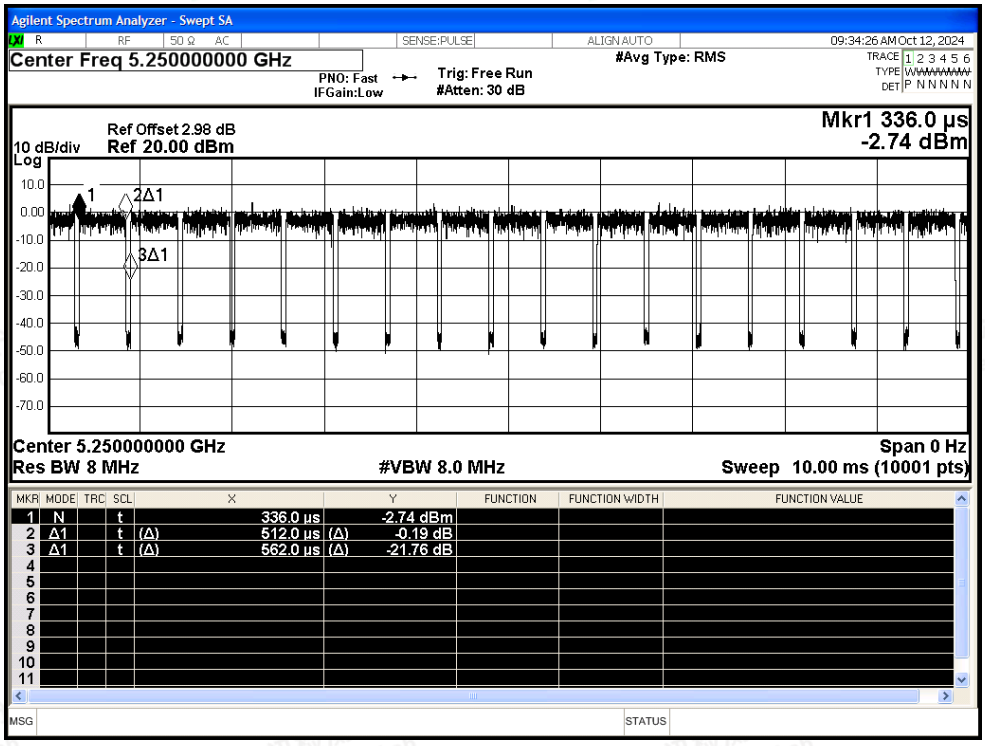
Duty Cycle NVNT ac40 5230MHz Ant2



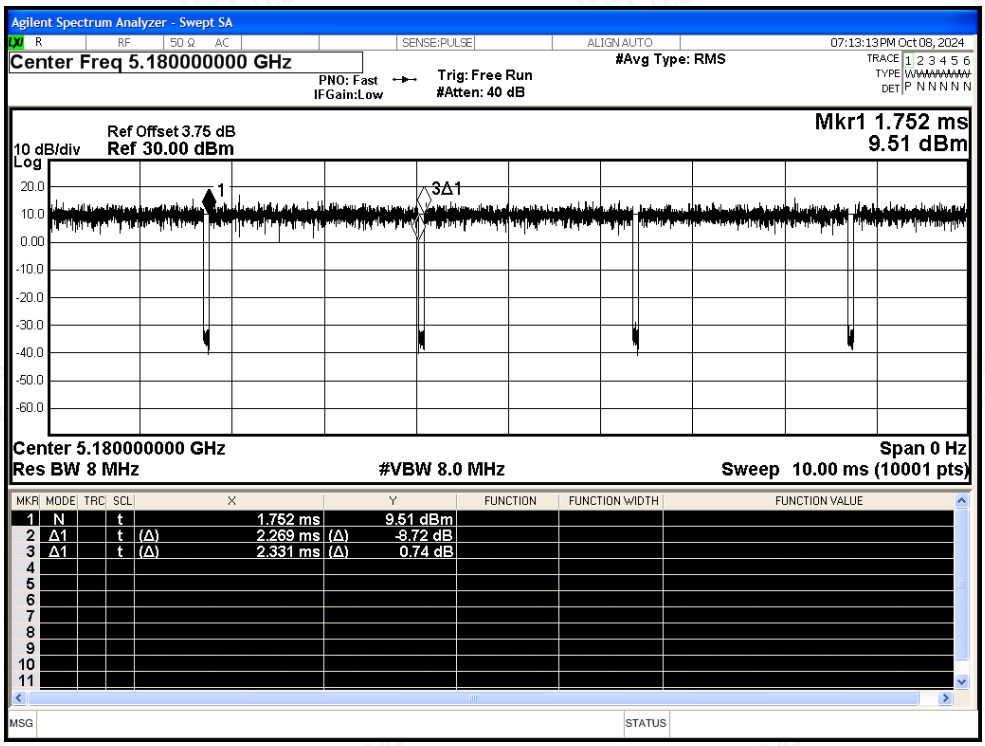
Duty Cycle NVNT ac80 5210MHz Ant2



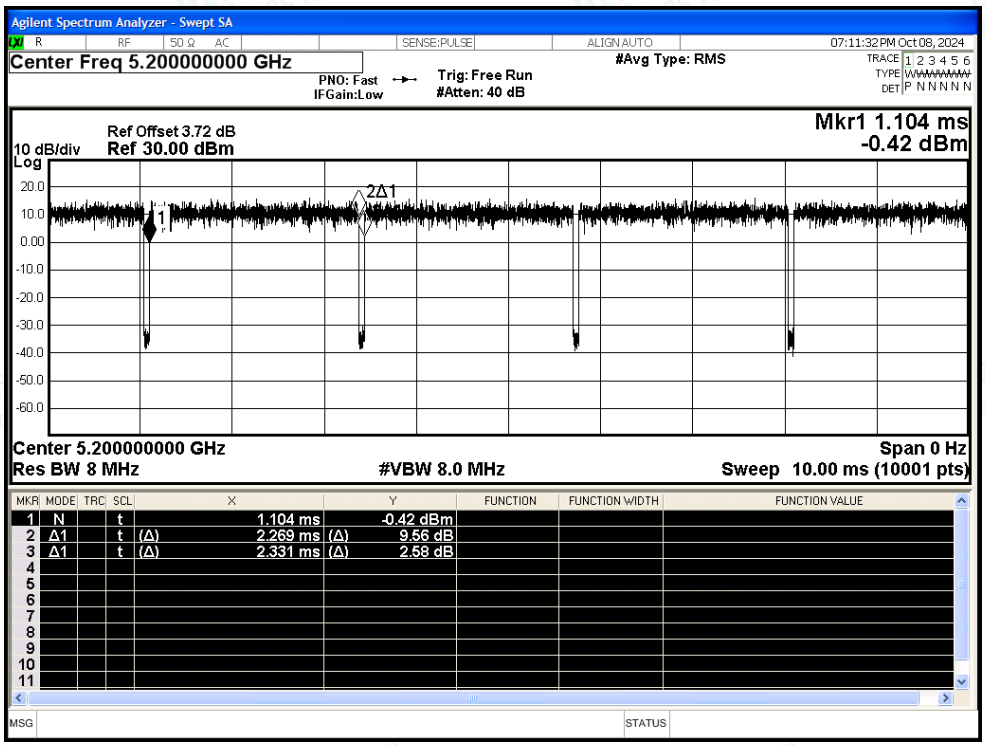
Duty Cycle NVNT ac160 5250MHz Ant2



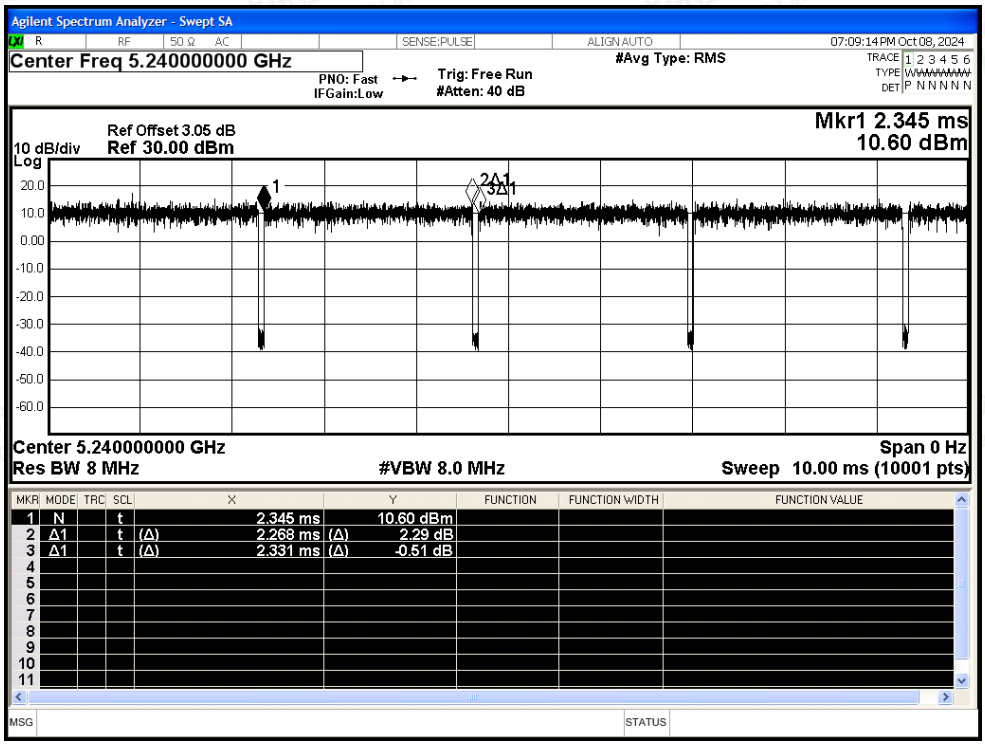
Duty Cycle NVNT ax20 5180MHz Ant2



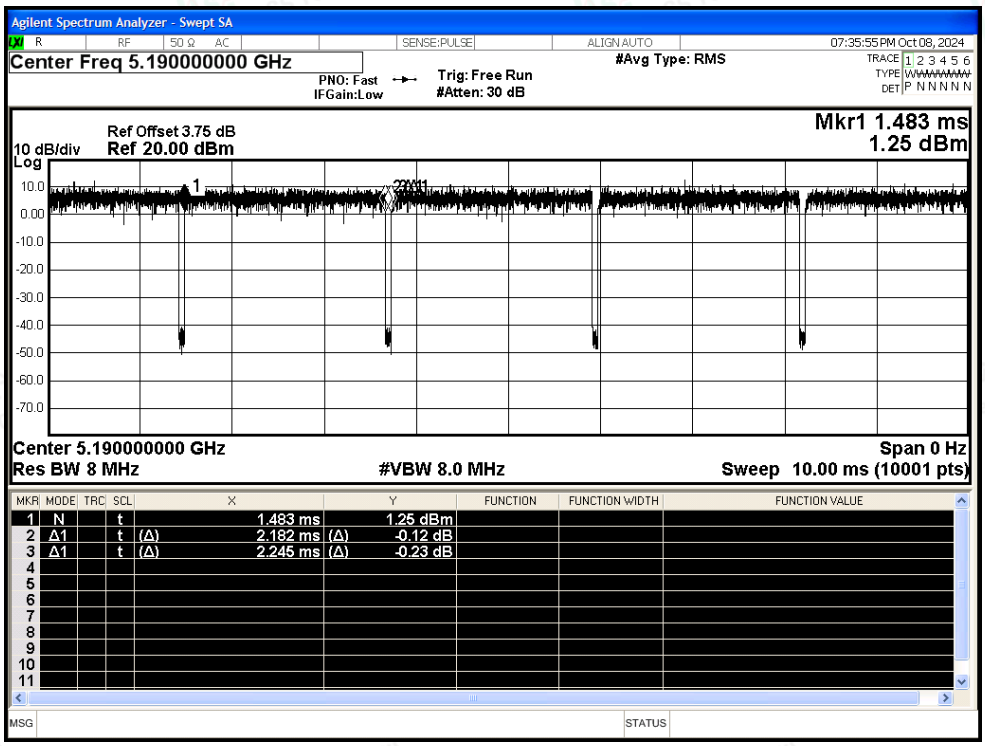
Duty Cycle NVNT ax20 5200MHz Ant2



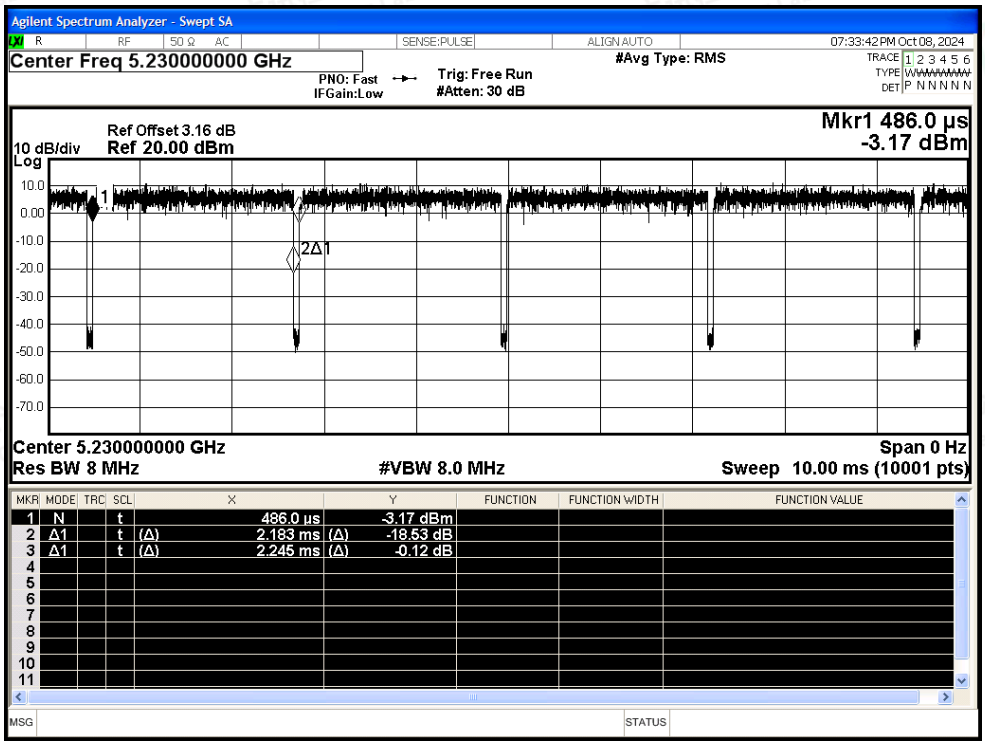
Duty Cycle NVNT ax20 5240MHz Ant2



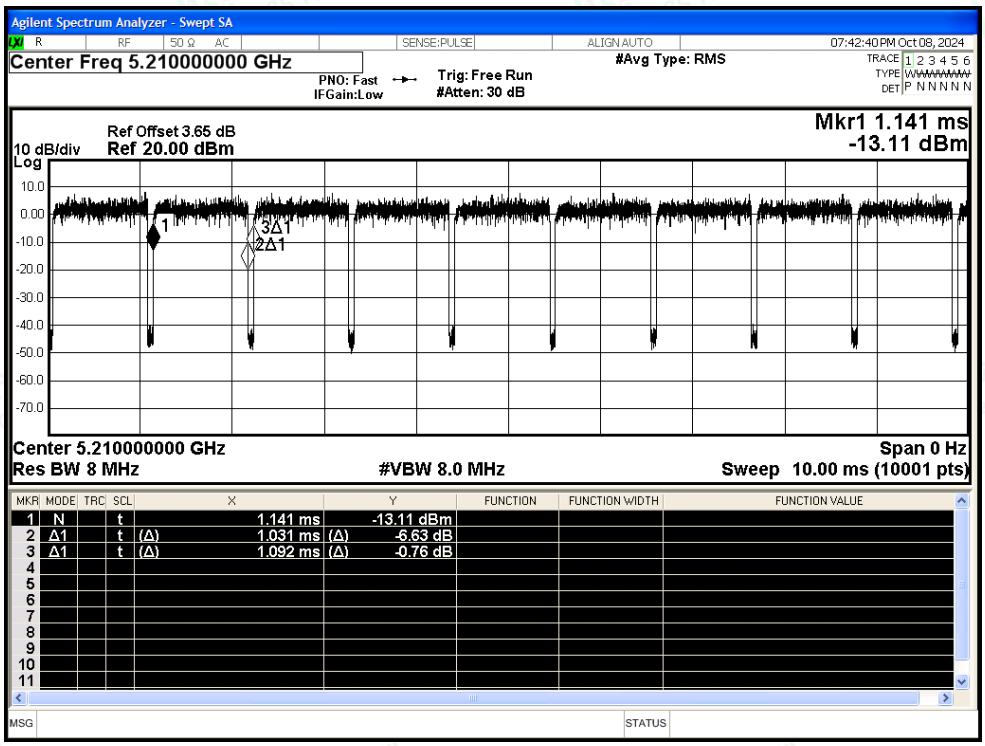
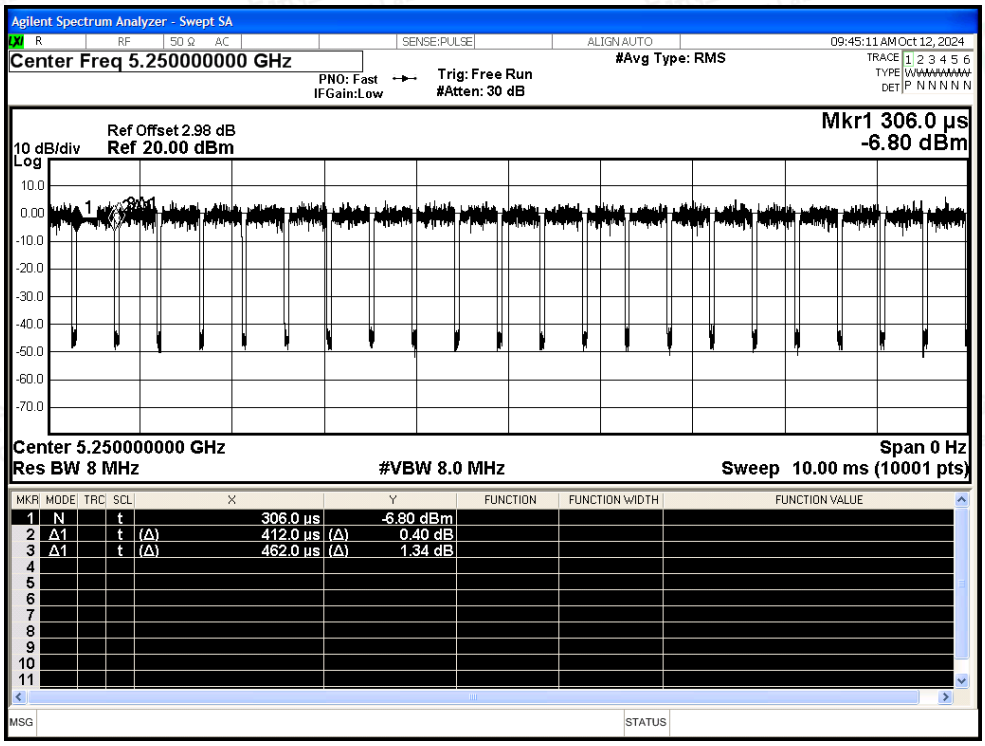
Duty Cycle NVNT ax40 5190MHz Ant2



Duty Cycle NVNT ax40 5230MHz Ant2



Duty Cycle NVNT ax80 5210MHz Ant2



Duty Cycle NVNT ax160 5250MHz Ant2