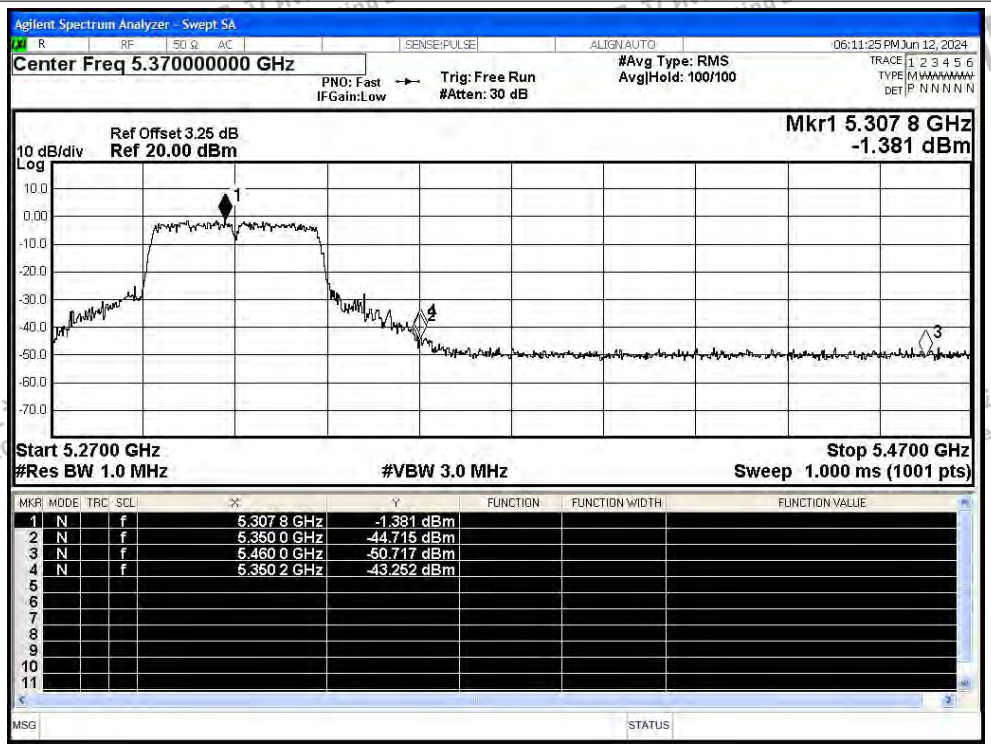
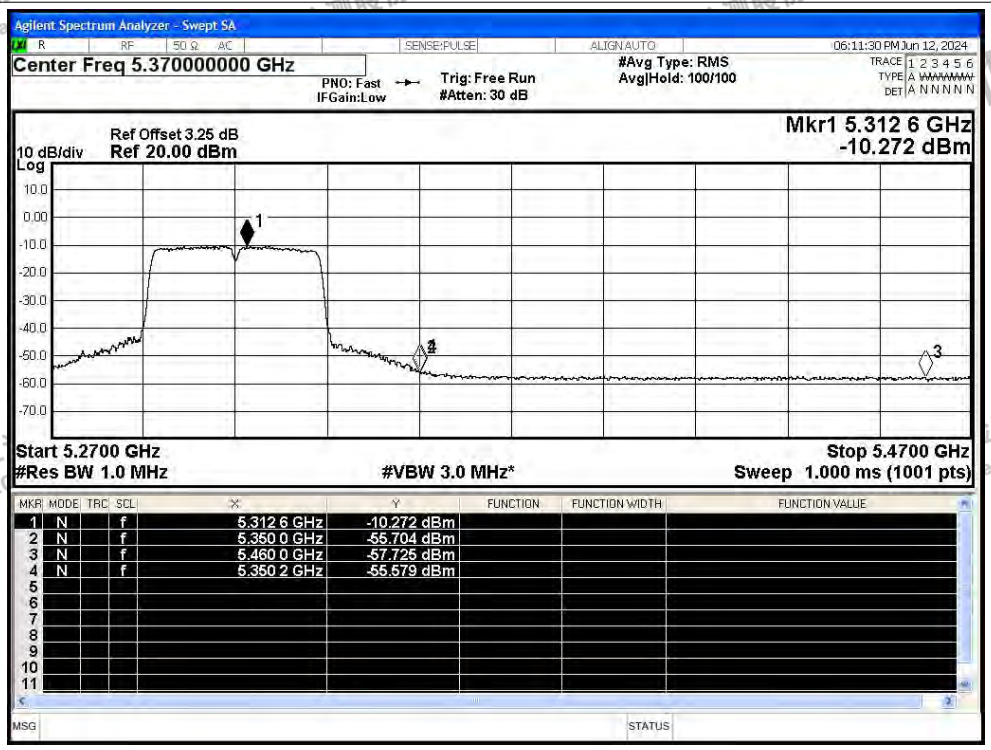
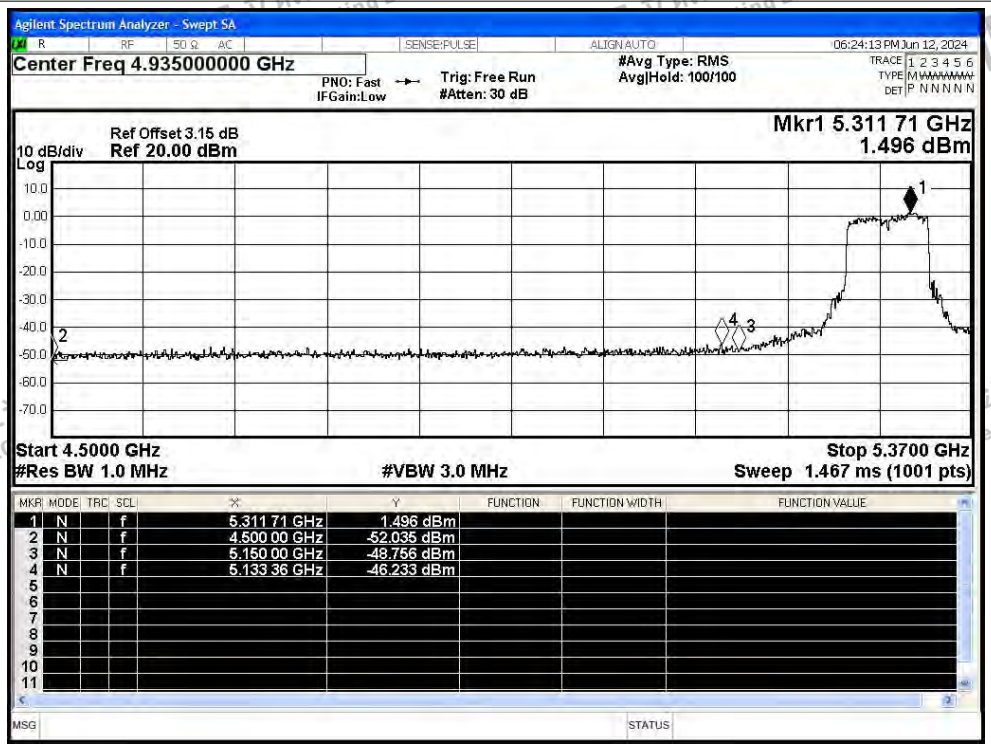
Restrict Band NVNT ac40 5310MHz Ant2 Peak



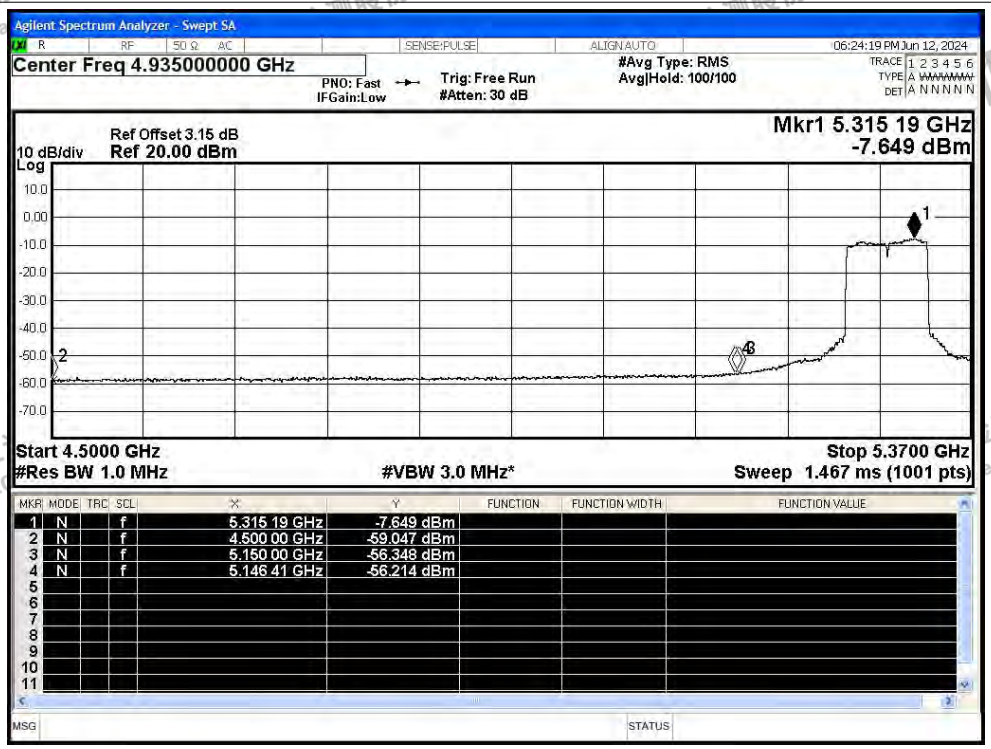
Restrict Band NVNT ac40 5310MHz Ant2 Average



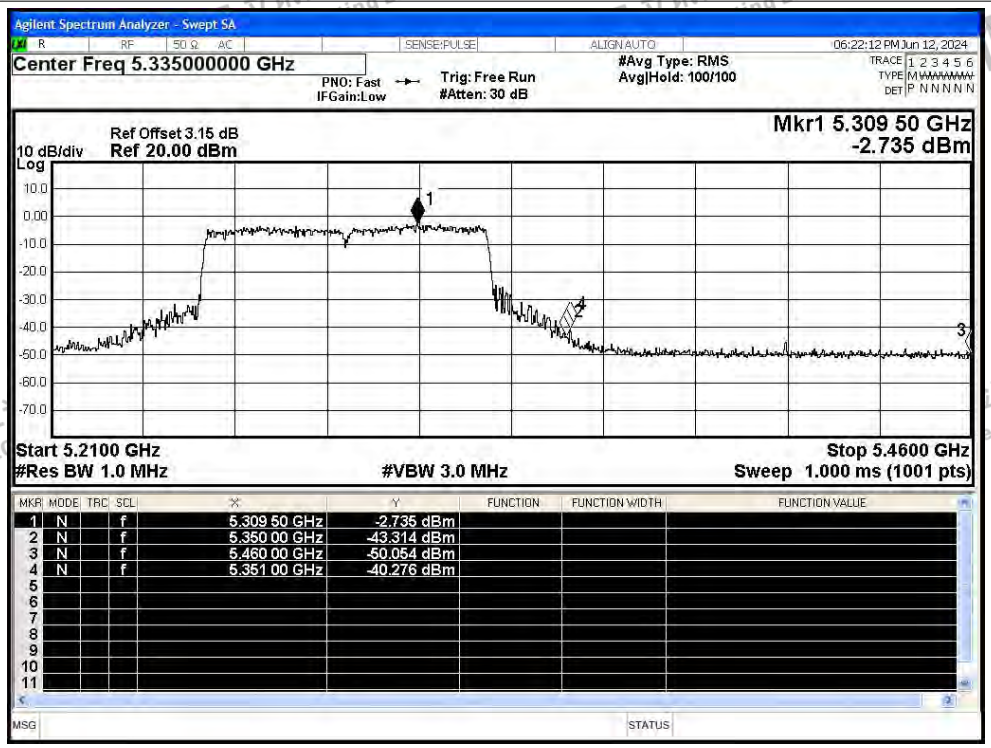
Restrict Band NVNT ac80 5290MHz Ant2 Peak



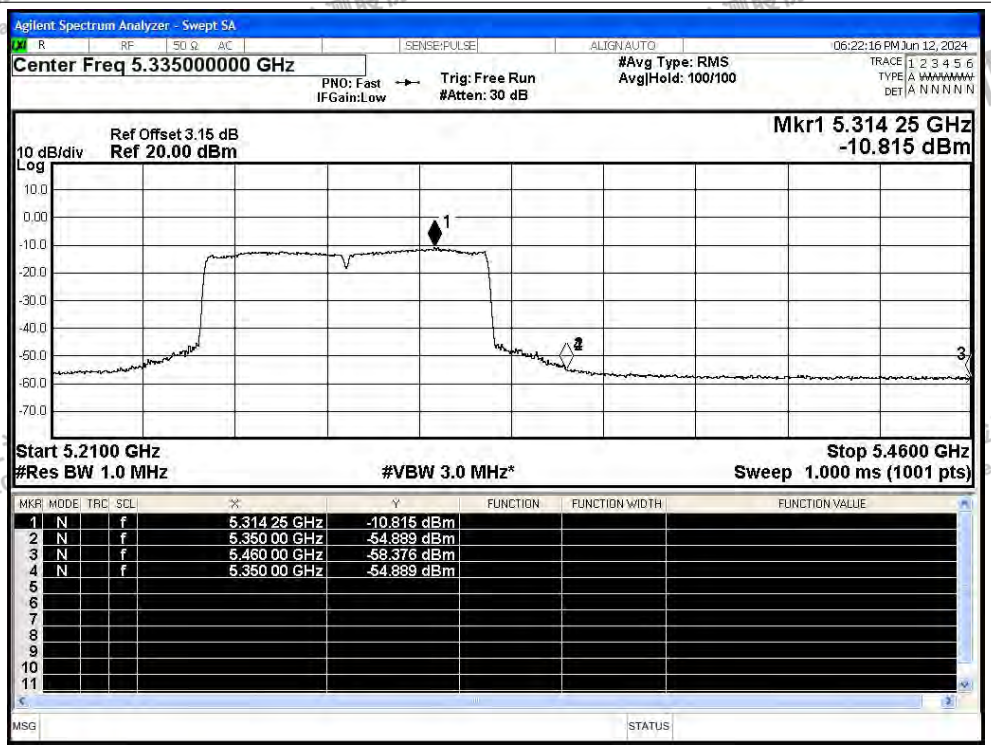
Restrict Band NVNT ac80 5290MHz Ant2 Average



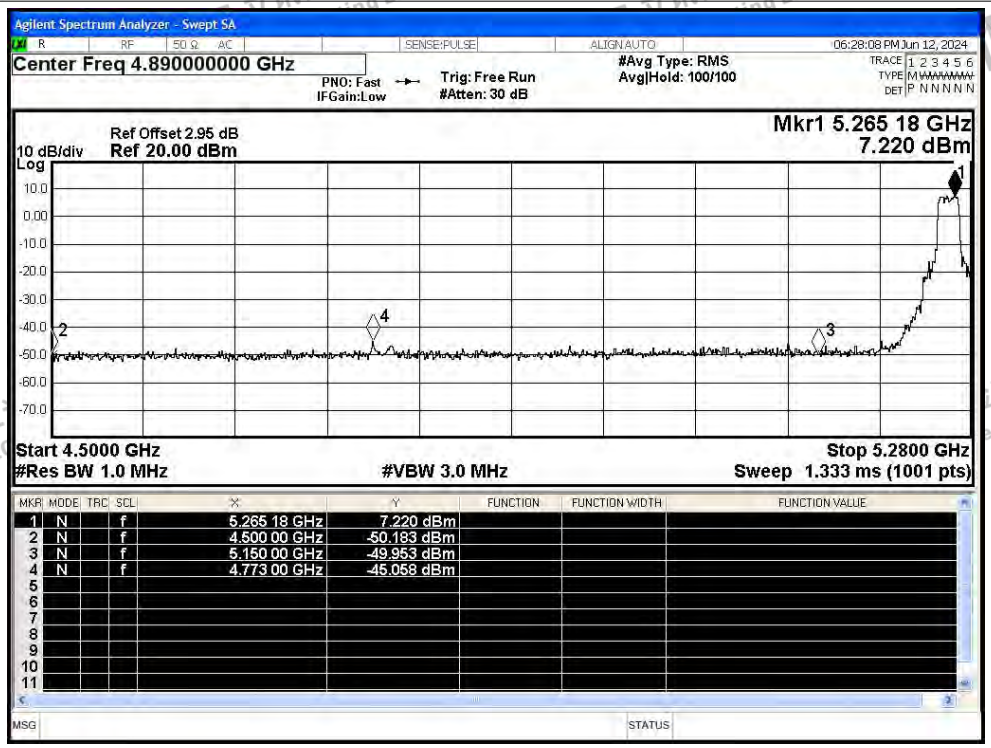
Restrict Band NVNT ac80 5290MHz Ant2 Peak



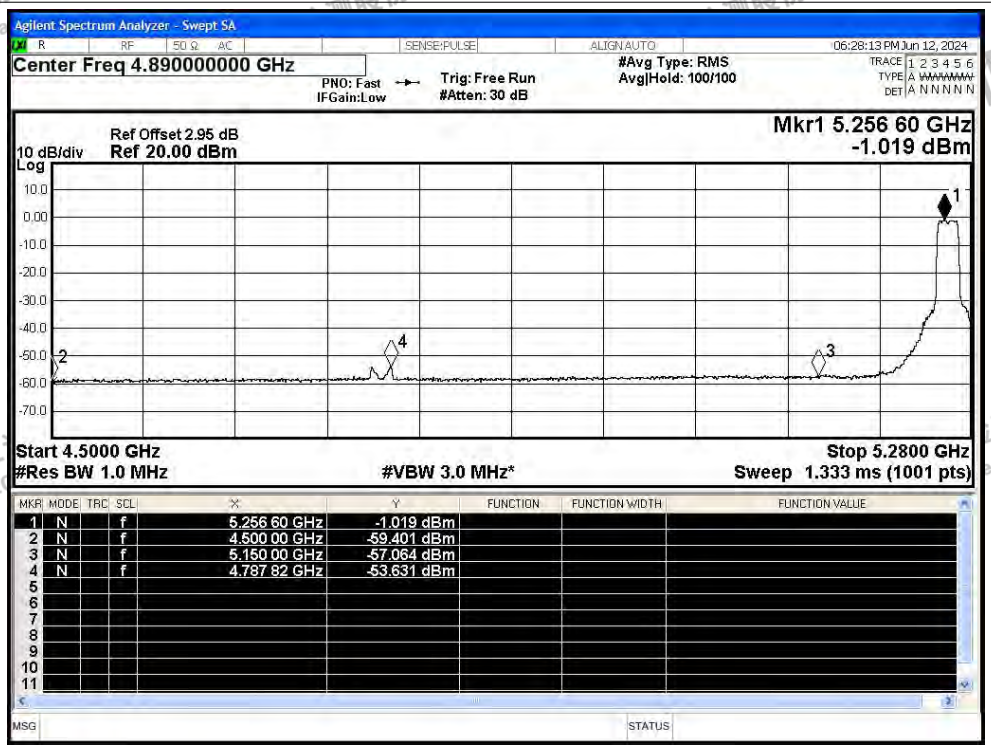
Restrict Band NVNT ac80 5290MHz Ant2 Average



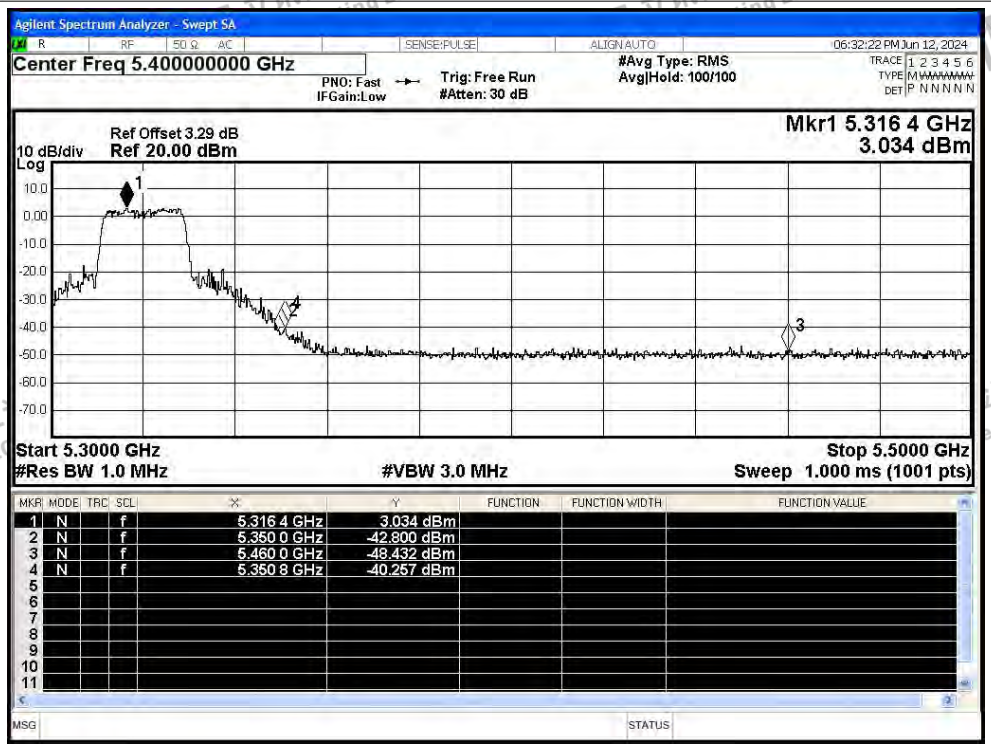
Restrict Band NVNT ax20 5260MHz Ant2 Peak



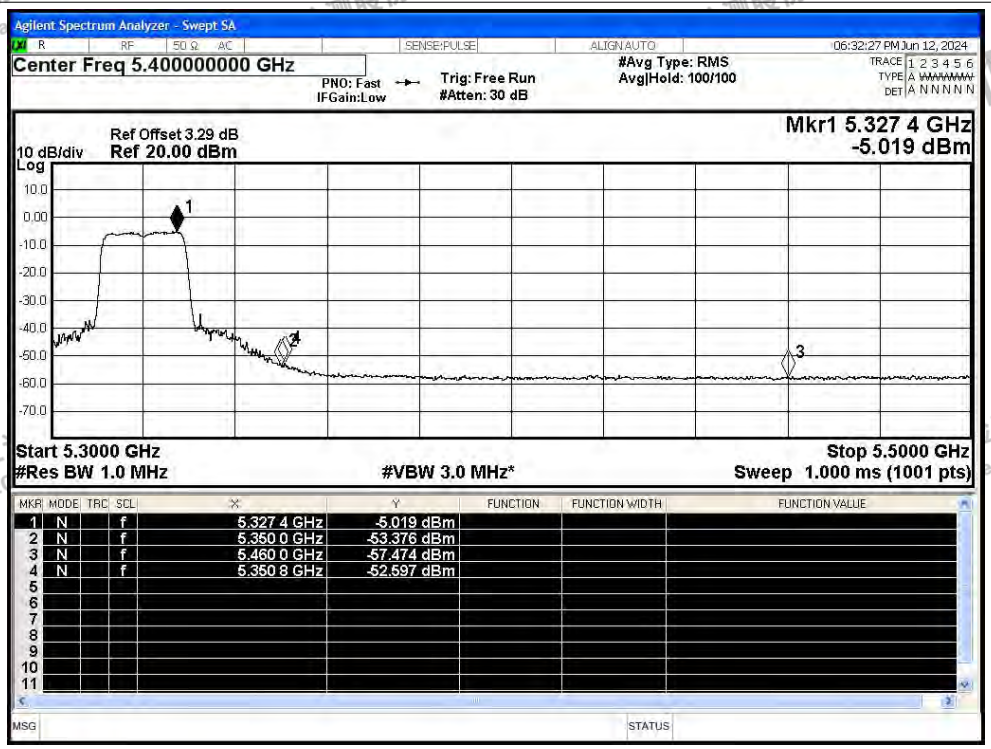
Restrict Band NVNT ax20 5260MHz Ant2 Average



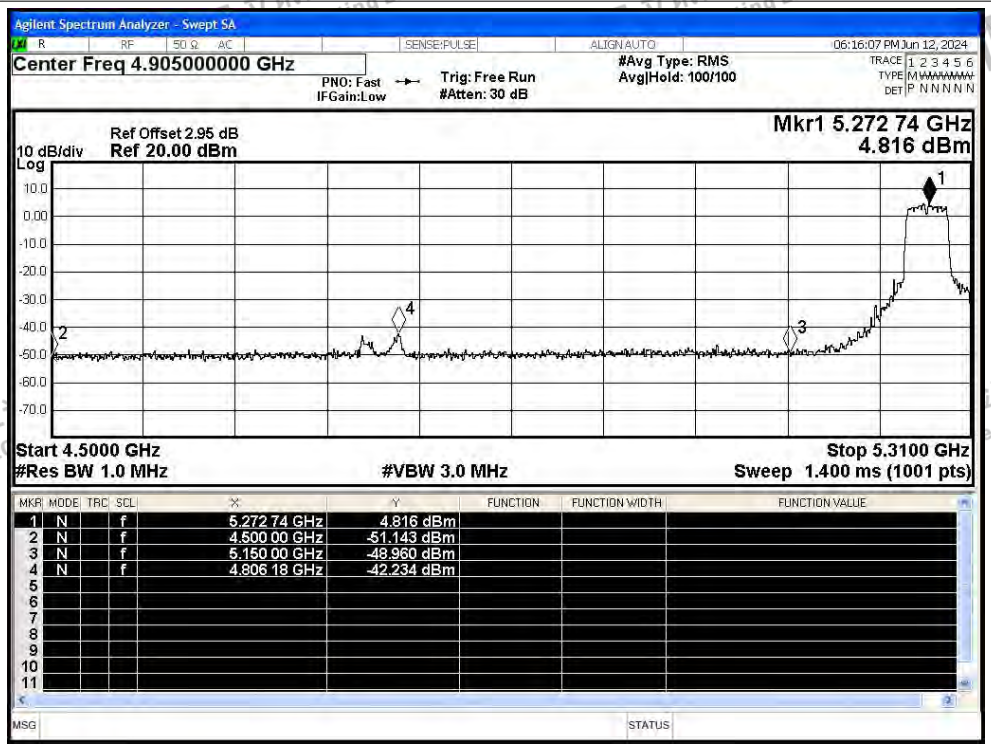
Restrict Band NVNT ax20 5320MHz Ant2 Peak



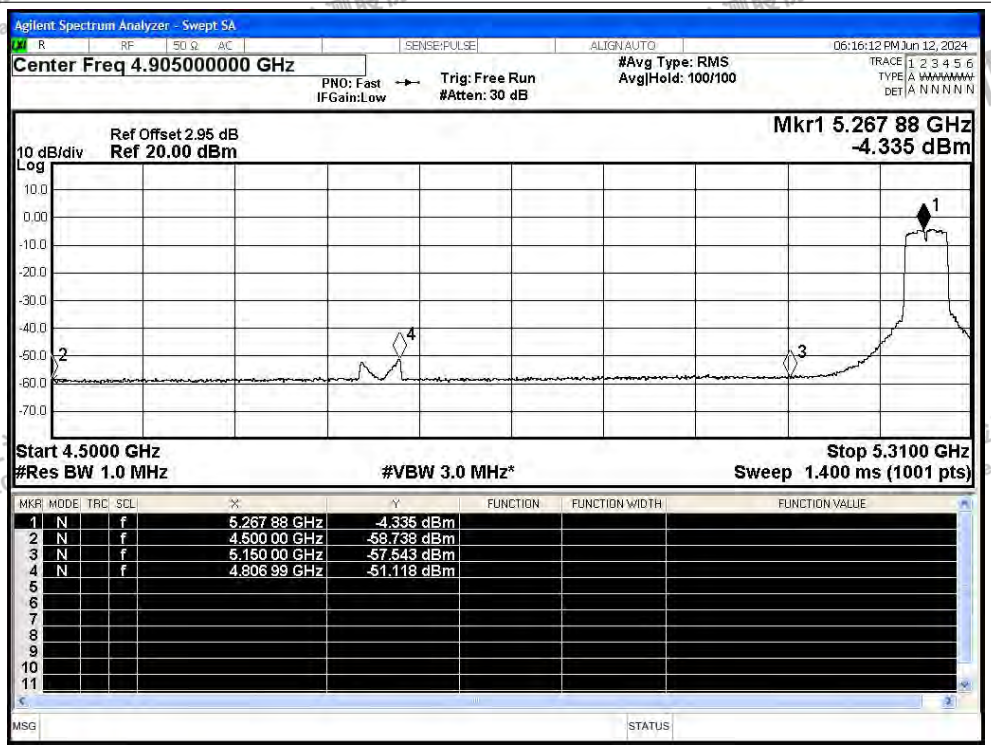
Restrict Band NVNT ax20 5320MHz Ant2 Average



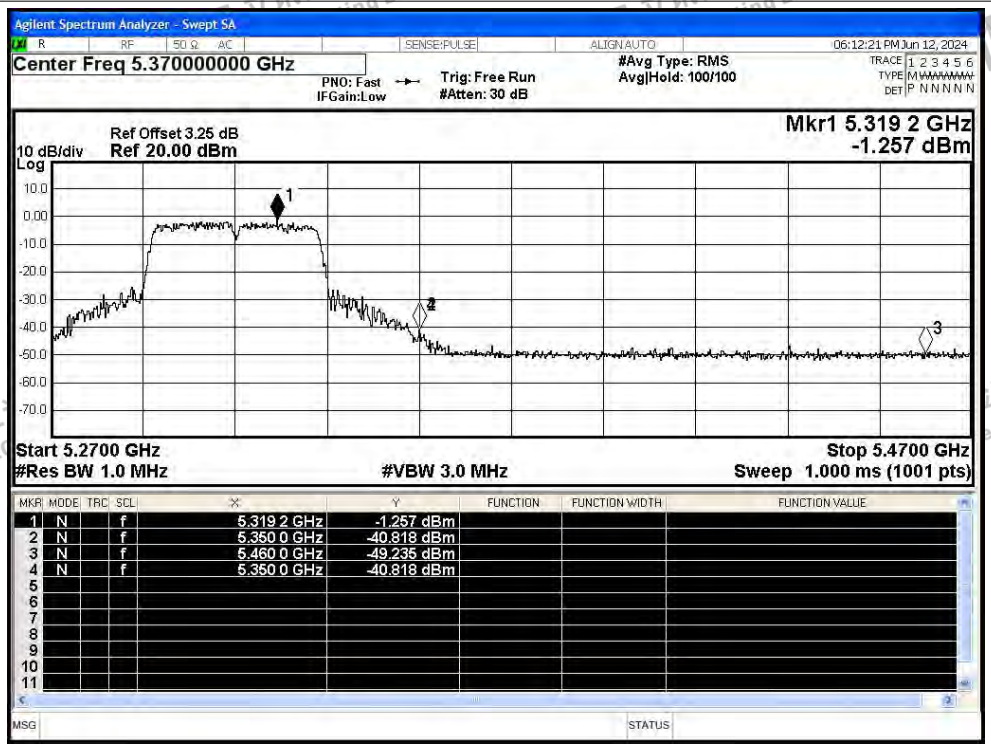
Restrict Band NVNT ax40 5270MHz Ant2 Peak



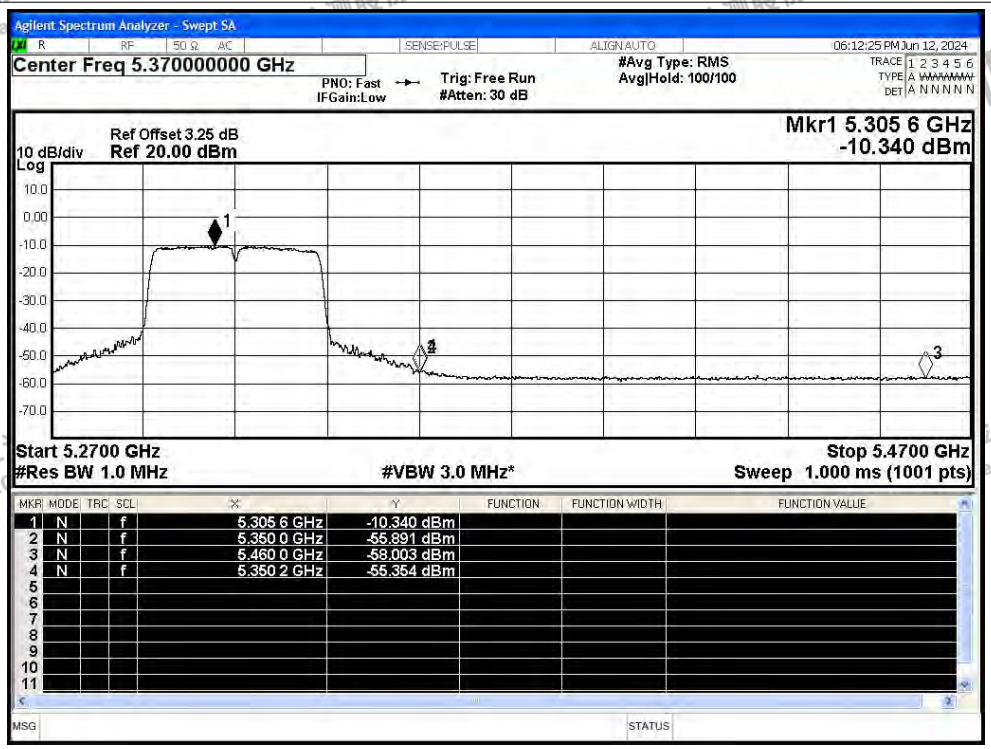
Restrict Band NVNT ax40 5270MHz Ant2 Average



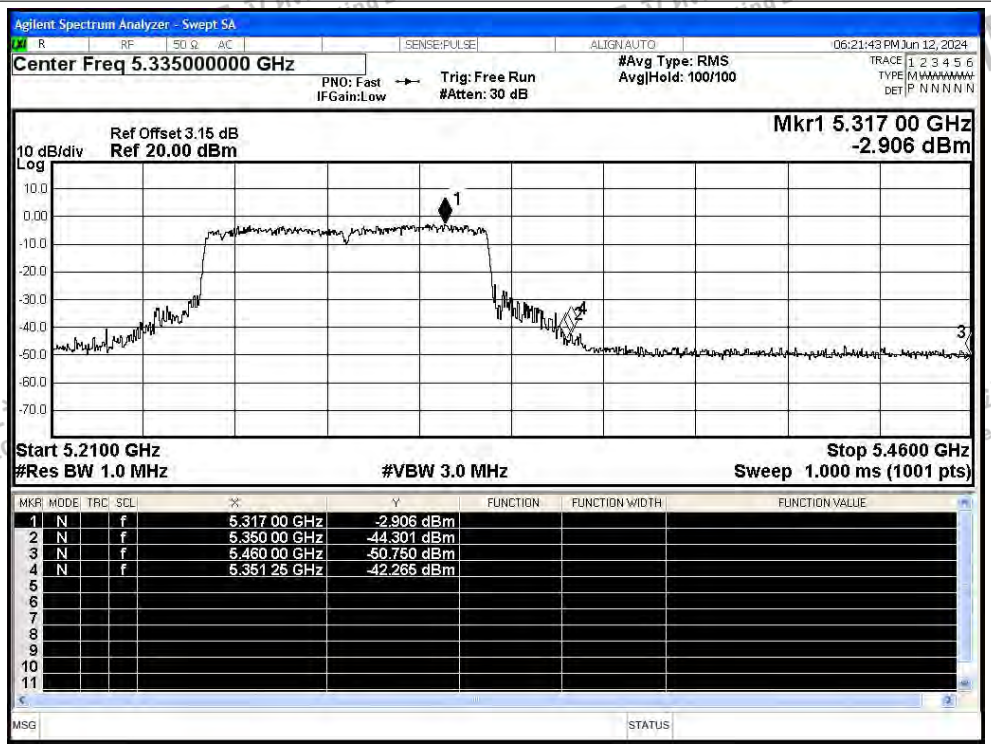
Restrict Band NVNT ax40 5310MHz Ant2 Peak



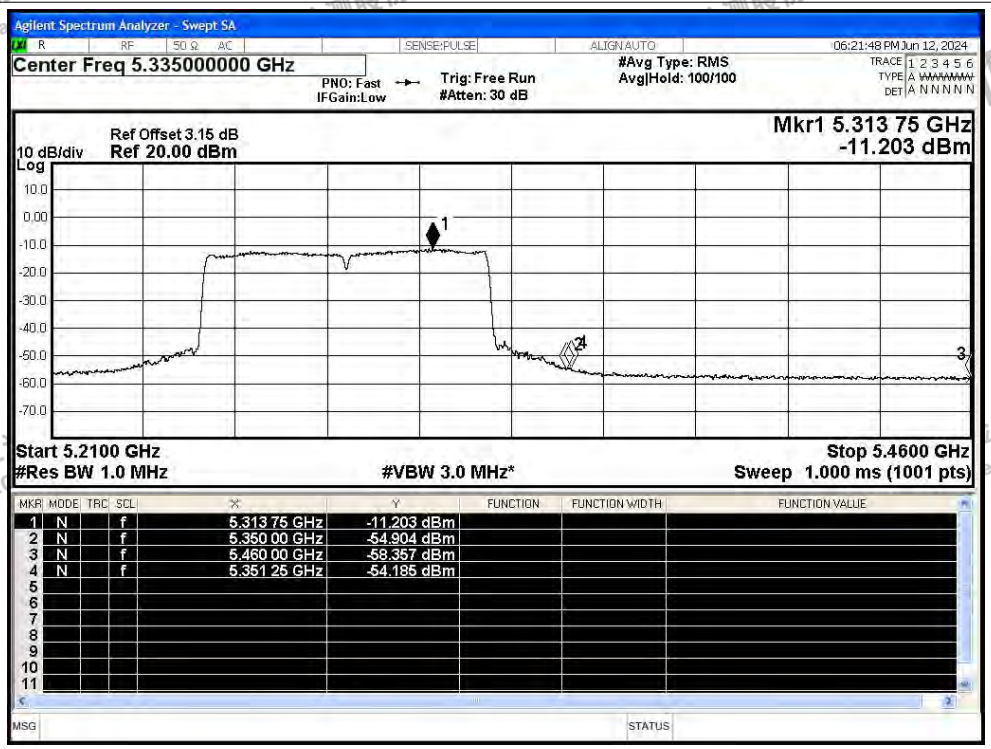
Restrict Band NVNT ax40 5310MHz Ant2 Average



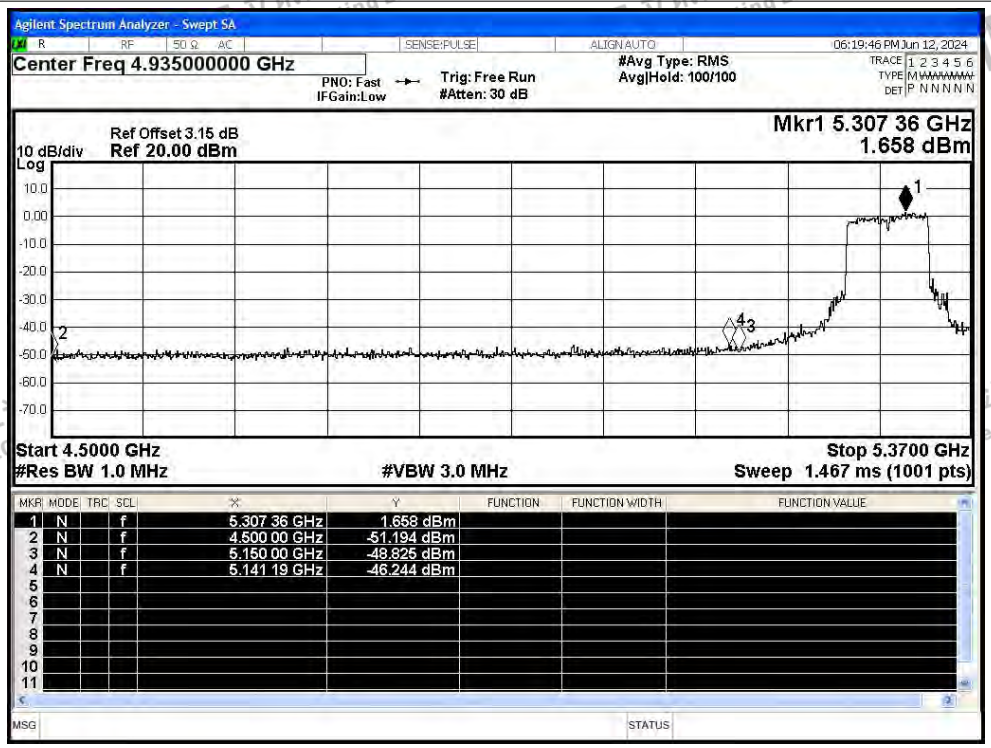
Restrict Band NVNT ax80 5290MHz Ant2 Peak



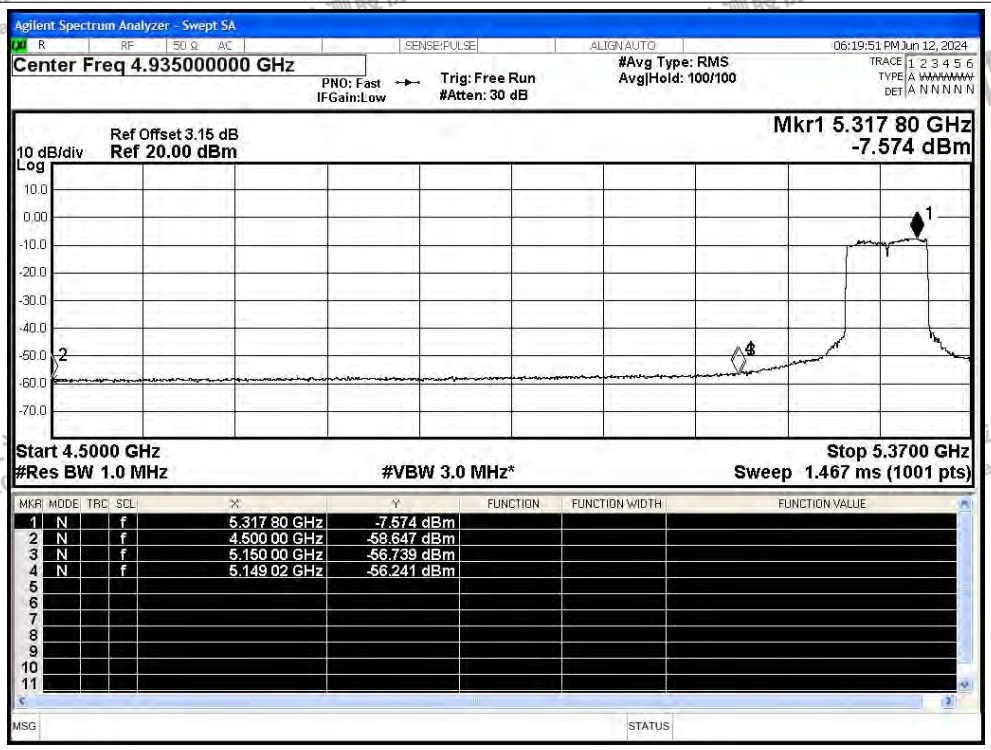
Restrict Band NVNT ax80 5290MHz Ant2 Average



Restrict Band NVNT ax80 5290MHz Ant2 Peak



Restrict Band NVNT ax80 5290MHz Ant2 Average



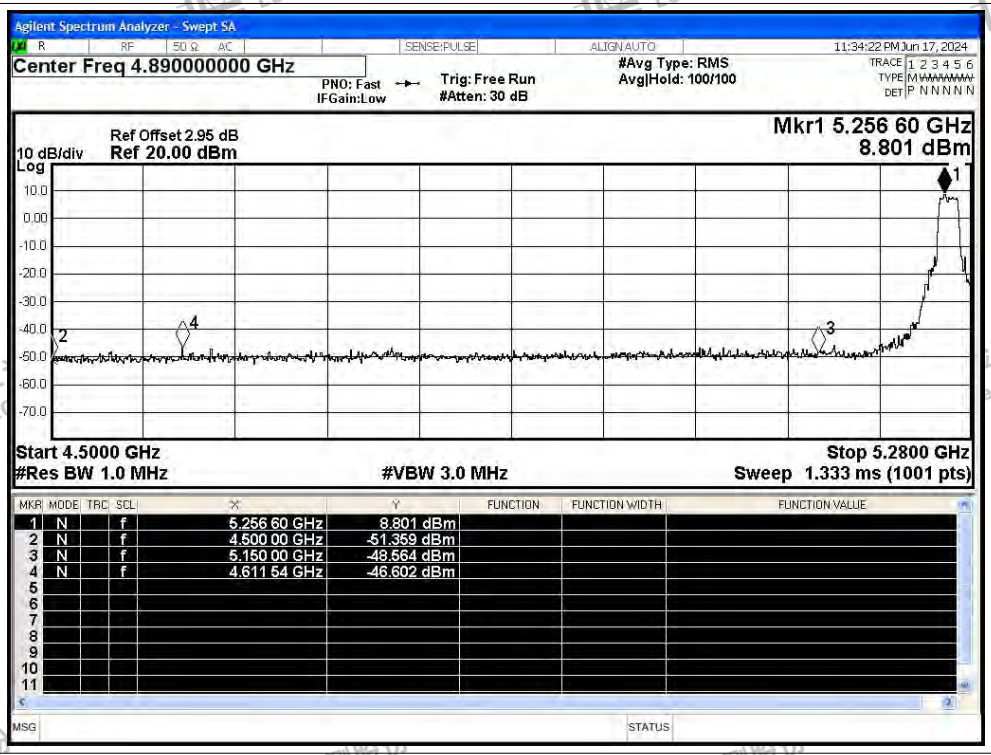
Condition	Mode	Frequency (MHz)	Antenna	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	Duty Factor (dB)	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
NVNT	a	5260	Ant3	4500	-51.36	3.59	-	47.46	Peak	68.2	Pass
NVNT	a	5260	Ant3	4500	-59.4	3.59	0.24	39.66	Average	54	Pass
NVNT	a	5260	Ant3	4611.54	-46.6	3.59	-	52.22	Peak	68.2	Pass
NVNT	a	5260	Ant3	4787.82	-56.05	3.59	0.24	43.01	Average	54	Pass
NVNT	a	5260	Ant3	5150	-48.56	3.59	-	50.26	Peak	68.2	Pass
NVNT	a	5260	Ant3	5150	-56.65	3.59	0.24	42.41	Average	54	Pass
NVNT	a	5320	Ant3	5350	-43.4	3.59	-	55.42	Peak	68.2	Pass
NVNT	a	5320	Ant3	5350	-54.58	3.59	0.24	44.48	Average	54	Pass
NVNT	a	5320	Ant3	5350.2	-40	3.59	-	58.82	Peak	68.2	Pass
NVNT	a	5320	Ant3	5352.6	-54.36	3.59	0.24	44.70	Average	54	Pass
NVNT	a	5320	Ant3	5460	-51.59	3.59	-	47.23	Peak	68.2	Pass
NVNT	a	5320	Ant3	5460	-58.07	3.59	0.24	40.99	Average	54	Pass
NVNT	n20	5260	Ant3	4500	-49.77	3.59	-	49.05	Peak	68.2	Pass
NVNT	n20	5260	Ant3	4500	-59.57	3.59	0.28	39.53	Average	54	Pass
NVNT	n20	5260	Ant3	5047.56	-46.49	3.59	-	52.33	Peak	68.2	Pass
NVNT	n20	5260	Ant3	4773	-56.14	3.59	0.28	42.96	Average	54	Pass
NVNT	n20	5260	Ant3	5150	-49.85	3.59	-	48.97	Peak	68.2	Pass
NVNT	n20	5260	Ant3	5150	-57.24	3.59	0.28	41.86	Average	54	Pass
NVNT	n20	5320	Ant3	5350	-45.2	3.59	-	53.62	Peak	68.2	Pass
NVNT	n20	5320	Ant3	5350	-54.08	3.59	0.28	45.02	Average	54	Pass
NVNT	n20	5320	Ant3	5351.8	-38.88	3.59	-	59.94	Peak	68.2	Pass
NVNT	n20	5320	Ant3	5350.4	-52.79	3.59	0.28	46.31	Average	54	Pass
NVNT	n20	5320	Ant3	5460	-49.14	3.59	-	49.68	Peak	68.2	Pass
NVNT	n20	5320	Ant3	5460	-58.23	3.59	0.28	40.87	Average	54	Pass
NVNT	n40	5270	Ant3	4500	-51.05	3.59	-	47.77	Peak	68.2	Pass
NVNT	n40	5270	Ant3	4500	-59.61	3.59	0.12	39.33	Average	54	Pass
NVNT	n40	5270	Ant3	4805.37	-45.97	3.59	-	52.85	Peak	68.2	Pass
NVNT	n40	5270	Ant3	4806.99	-54.7	3.59	0.12	44.24	Average	54	Pass
NVNT	n40	5270	Ant3	5150	-49.11	3.59	-	49.71	Peak	68.2	Pass
NVNT	n40	5270	Ant3	5150	-57.01	3.59	0.12	41.93	Average	54	Pass
NVNT	n40	5310	Ant3	5350	-41.52	3.59	-	57.30	Peak	68.2	Pass
NVNT	n40	5310	Ant3	5350	-52.88	3.59	0.12	46.06	Average	54	Pass
NVNT	n40	5310	Ant3	5351.2	-36.79	3.59	-	62.03	Peak	68.2	Pass
NVNT	n40	5310	Ant3	5351	-52.44	3.59	0.12	46.50	Average	54	Pass
NVNT	n40	5310	Ant3	5460	-50.38	3.59	-	48.44	Peak	68.2	Pass
NVNT	n40	5310	Ant3	5460	-57.43	3.59	0.12	41.51	Average	54	Pass
NVNT	ac20	5260	Ant3	4500	-51.33	3.59	-	47.49	Peak	68.2	Pass
NVNT	ac20	5260	Ant3	4500	-59.5	3.59	0.28	39.60	Average	54	Pass

NVNT	ac20	5260	Ant3	4786.26	-46.95	3.59	-	51.87	Peak	68.2	Pass
NVNT	ac20	5260	Ant3	4772.22	-56.39	3.59	0.28	42.71	Average	54	Pass
NVNT	ac20	5260	Ant3	5150	-48.55	3.59	-	50.27	Peak	68.2	Pass
NVNT	ac20	5260	Ant3	5150	-57	3.59	0.28	42.10	Average	54	Pass
NVNT	ac20	5320	Ant3	5350	-40.44	3.59	-	58.38	Peak	68.2	Pass
NVNT	ac20	5320	Ant3	5350	-53.35	3.59	0.28	45.75	Average	54	Pass
NVNT	ac20	5320	Ant3	5352	-33.56	3.59	-	65.26	Peak	68.2	Pass
NVNT	ac20	5320	Ant3	5350.6	-52.32	3.59	0.28	46.78	Average	54	Pass
NVNT	ac20	5320	Ant3	5460	-50.26	3.59	-	48.56	Peak	68.2	Pass
NVNT	ac20	5320	Ant3	5460	-58.02	3.59	0.28	41.08	Average	54	Pass
NVNT	ac40	5270	Ant3	4500	-50	3.59	-	48.82	Peak	68.2	Pass
NVNT	ac40	5270	Ant3	4500	-59.17	3.59	0.12	39.77	Average	54	Pass
NVNT	ac40	5270	Ant3	4807.8	-44.56	3.59	-	54.26	Peak	68.2	Pass
NVNT	ac40	5270	Ant3	4806.99	-54.06	3.59	0.12	44.88	Average	54	Pass
NVNT	ac40	5270	Ant3	5150	-48.58	3.59	-	50.24	Peak	68.2	Pass
NVNT	ac40	5270	Ant3	5150	-57.01	3.59	0.12	41.93	Average	54	Pass
NVNT	ac40	5310	Ant3	5350	-38.49	3.59	-	60.33	Peak	68.2	Pass
NVNT	ac40	5310	Ant3	5350	-52.34	3.59	0.12	46.60	Average	54	Pass
NVNT	ac40	5310	Ant3	5460	-51.09	3.59	-	47.73	Peak	68.2	Pass
NVNT	ac40	5310	Ant3	5460	-57.75	3.59	0.12	41.19	Average	54	Pass
NVNT	ac40	5310	Ant3	5350	-38.49	3.59	-	60.33	Peak	68.2	Pass
NVNT	ac40	5310	Ant3	5350	-52.34	3.59	0.12	46.60	Average	54	Pass
NVNT	ac80	5290	Ant3	4500	-51.17	3.59	-	47.65	Peak	68.2	Pass
NVNT	ac80	5290	Ant3	4500	-58.8	3.59	0.25	40.27	Average	54	Pass
NVNT	ac80	5290	Ant3	5035.92	-46.31	3.59	-	52.51	Peak	68.2	Pass
NVNT	ac80	5290	Ant3	5054.19	-56.69	3.59	0.25	42.38	Average	54	Pass
NVNT	ac80	5290	Ant3	5150	-49	3.59	-	49.82	Peak	68.2	Pass
NVNT	ac80	5290	Ant3	5150	-57.08	3.59	0.25	41.99	Average	54	Pass
NVNT	ac80	5290	Ant3	5350	-42.03	3.59	-	56.79	Peak	68.2	Pass
NVNT	ac80	5290	Ant3	5350	-53.43	3.59	0.25	45.64	Average	54	Pass
NVNT	ac80	5290	Ant3	5363.25	-40.53	3.59	-	58.29	Peak	68.2	Pass
NVNT	ac80	5290	Ant3	5351.25	-52.8	3.59	0.25	46.27	Average	54	Pass
NVNT	ac80	5290	Ant3	5460	-47.33	3.59	-	51.49	Peak	68.2	Pass
NVNT	ac80	5290	Ant3	5460	-57.63	3.59	0.25	41.44	Average	54	Pass
NVNT	ax20	5260	Ant3	4500	-51.18	3.59	-	47.64	Peak	68.2	Pass
NVNT	ax20	5260	Ant3	4500	-59.38	3.59	0.28	39.72	Average	54	Pass
NVNT	ax20	5260	Ant3	4666.92	-46.74	3.59	-	52.08	Peak	68.2	Pass
NVNT	ax20	5260	Ant3	4787.82	-56.51	3.59	0.28	42.59	Average	54	Pass
NVNT	ax20	5260	Ant3	5150	-48.59	3.59	-	50.23	Peak	68.2	Pass
NVNT	ax20	5260	Ant3	5150	-56.56	3.59	0.28	42.54	Average	54	Pass
NVNT	ax20	5320	Ant3	5350	-36.53	3.59	-	62.29	Peak	68.2	Pass

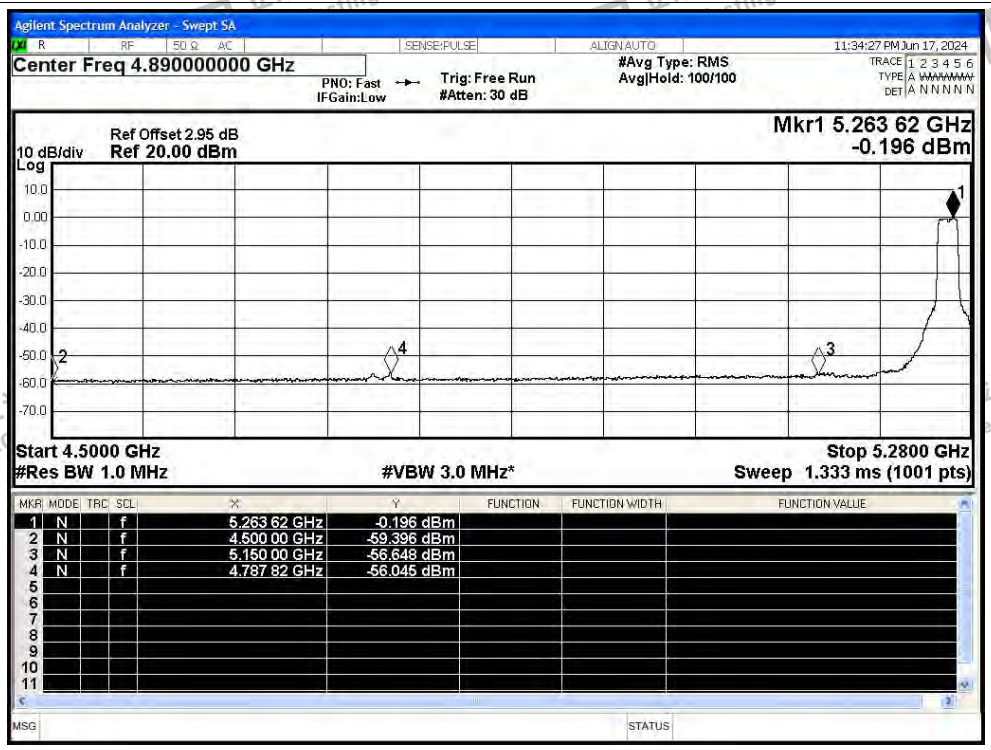
NVNT	ax20	5320	Ant3	5350	-51.86	3.59	0.28	47.24	Average	54	Pass
NVNT	ax20	5320	Ant3	5350.2	-35.71	3.59	-	63.11	Peak	68.2	Pass
NVNT	ax20	5320	Ant3	5350.2	-51.72	3.59	0.28	47.38	Average	54	Pass
NVNT	ax20	5320	Ant3	5460	-50.25	3.59	-	48.57	Peak	68.2	Pass
NVNT	ax20	5320	Ant3	5460	-57.85	3.59	0.28	41.25	Average	54	Pass
NVNT	ax40	5270	Ant3	4500	-51.72	3.59	-	47.10	Peak	68.2	Pass
NVNT	ax40	5270	Ant3	4500	-59.09	3.59	0.12	39.85	Average	54	Pass
NVNT	ax40	5270	Ant3	4807.8	-45.12	3.59	-	53.70	Peak	68.2	Pass
NVNT	ax40	5270	Ant3	4806.99	-54.39	3.59	0.12	44.55	Average	54	Pass
NVNT	ax40	5270	Ant3	5150	-48.55	3.59	-	50.27	Peak	68.2	Pass
NVNT	ax40	5270	Ant3	5150	-57.29	3.59	0.12	41.65	Average	54	Pass
NVNT	ax40	5310	Ant3	5350	-39.85	3.59	-	58.97	Peak	68.2	Pass
NVNT	ax40	5310	Ant3	5350	-52.41	3.59	0.12	46.53	Average	54	Pass
NVNT	ax40	5310	Ant3	5350.8	-36.78	3.59	-	62.04	Peak	68.2	Pass
NVNT	ax40	5310	Ant3	5350.2	-52.4	3.59	0.12	46.54	Average	54	Pass
NVNT	ax40	5310	Ant3	5460	-50.72	3.59	-	48.10	Peak	68.2	Pass
NVNT	ax40	5310	Ant3	5460	-57.85	3.59	0.12	41.09	Average	54	Pass
NVNT	ax80	5290	Ant3	5350	-44.06	3.59	-	54.76	Peak	68.2	Pass
NVNT	ax80	5290	Ant3	5350	-52.88	3.59	0.25	46.19	Average	54	Pass
NVNT	ax80	5290	Ant3	5350.5	-42.98	3.59	-	55.84	Peak	68.2	Pass
NVNT	ax80	5290	Ant3	5350	-52.88	3.59	0.25	46.19	Average	54	Pass
NVNT	ax80	5290	Ant3	5460	-49.37	3.59	-	49.45	Peak	68.2	Pass
NVNT	ax80	5290	Ant3	5460	-57.73	3.59	0.25	41.34	Average	54	Pass
NVNT	ax80	5290	Ant3	4500	-51.61	3.59	-	47.21	Peak	68.2	Pass
NVNT	ax80	5290	Ant3	4500	-58.7	3.59	0.25	40.37	Average	54	Pass
NVNT	ax80	5290	Ant3	5129.01	-45.62	3.59	-	53.20	Peak	68.2	Pass
NVNT	ax80	5290	Ant3	5119.44	-56.61	3.59	0.25	42.46	Average	54	Pass
NVNT	ax80	5290	Ant3	5150	-48.72	3.59	-	50.10	Peak	68.2	Pass
NVNT	ax80	5290	Ant3	5150	-57.15	3.59	0.25	41.92	Average	54	Pass

Test Graphs

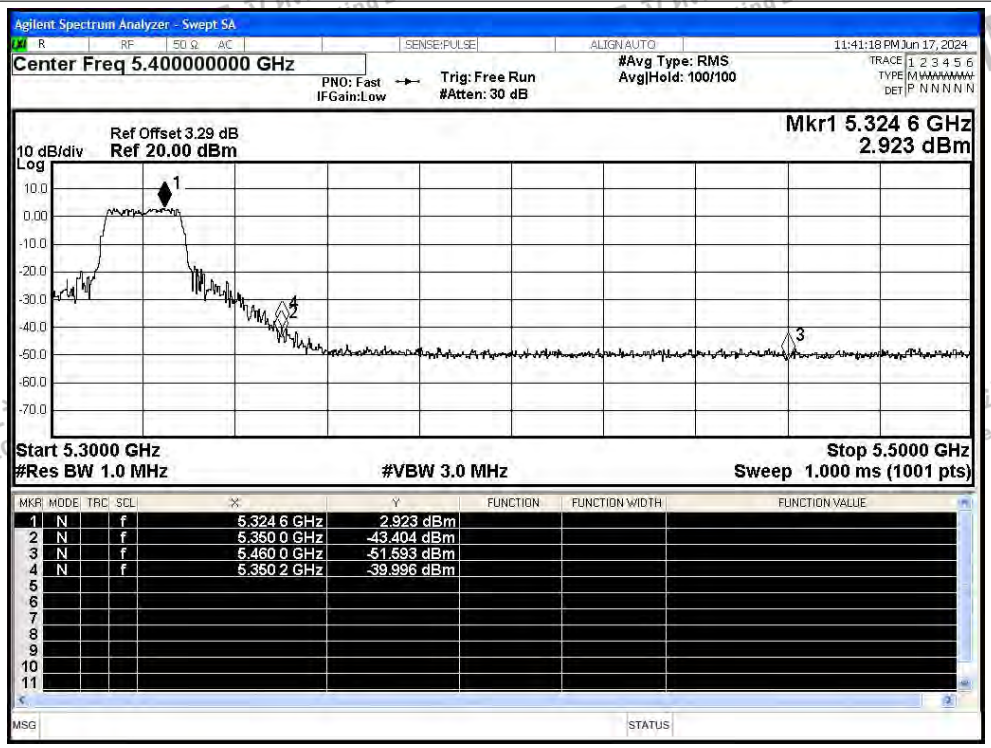
Restrict Band NVNT a 5260MHz Ant3 Peak



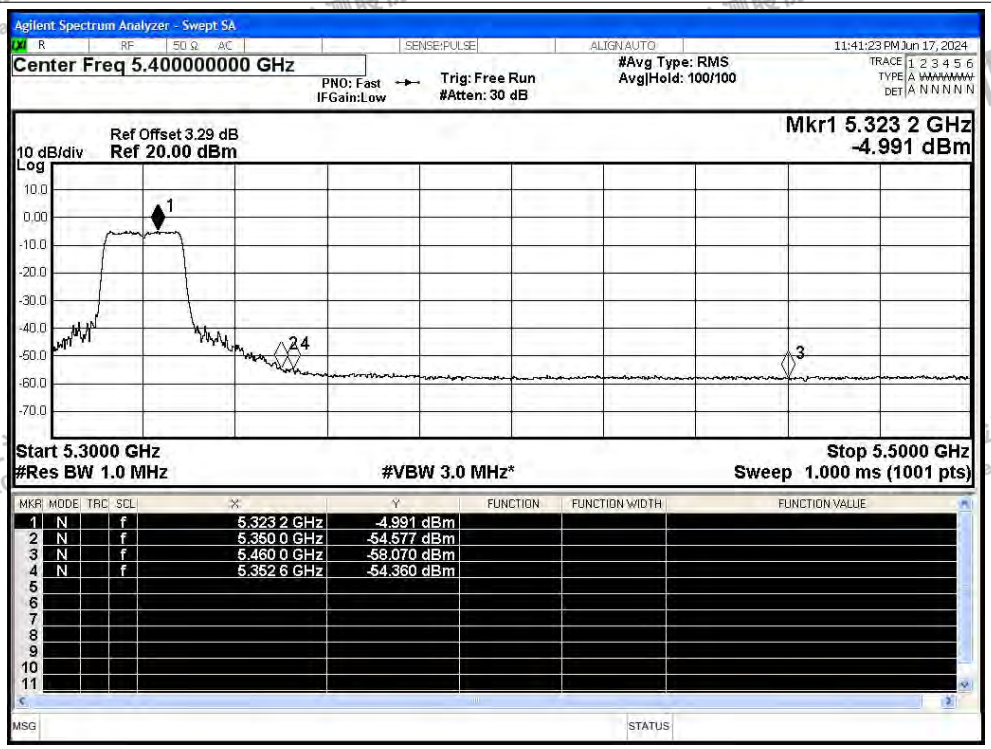
Restrict Band NVNT a 5260MHz Ant3 Average



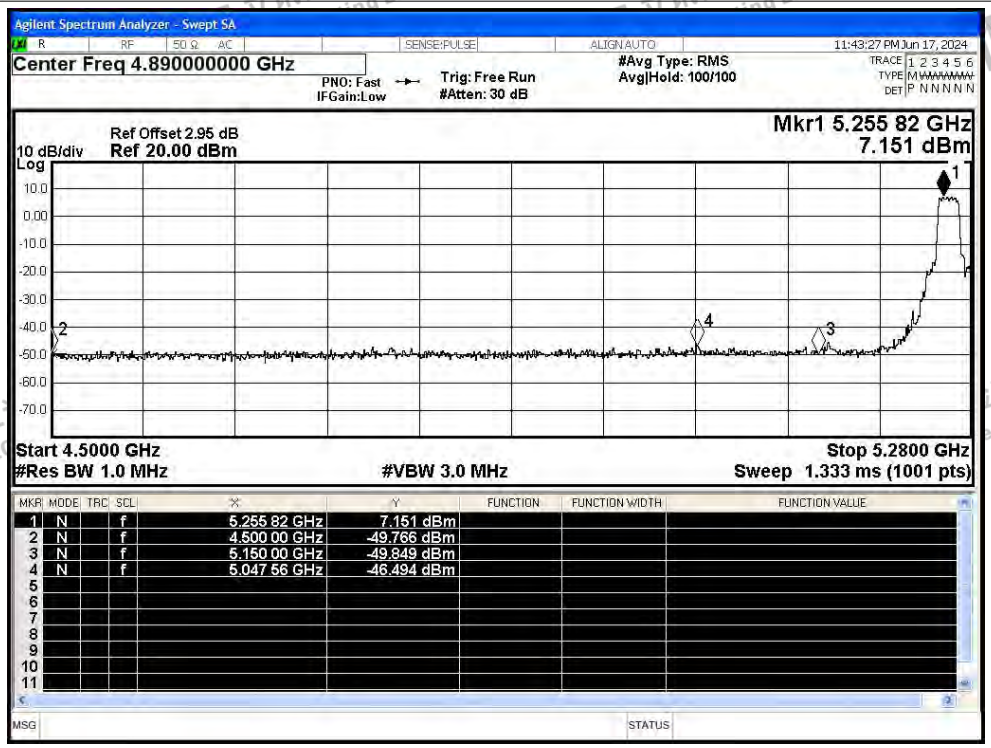
Restrict Band NVNT a 5320MHz Ant3 Peak



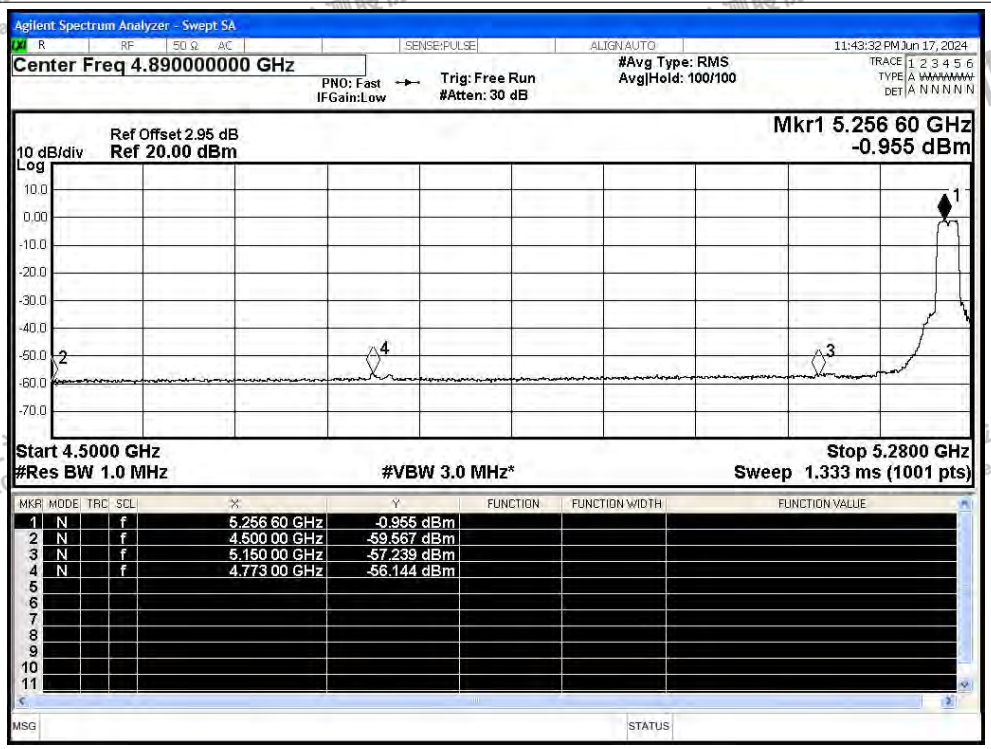
Restrict Band NVNT a 5320MHz Ant3 Average



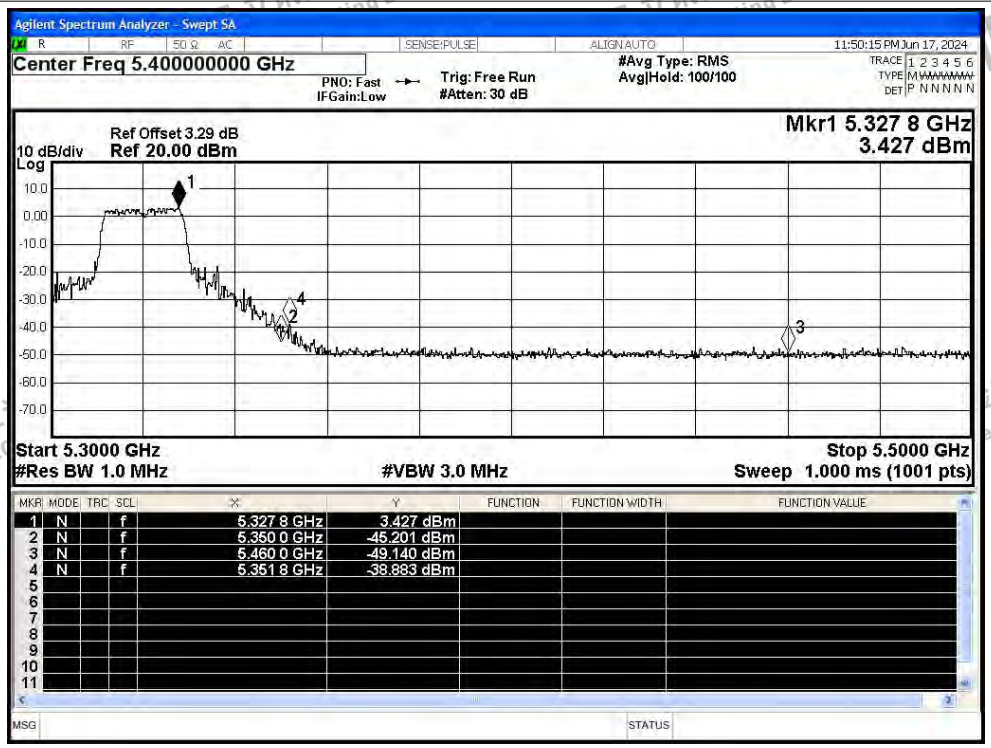
Restrict Band NVNT n20 5260MHz Ant3 Peak



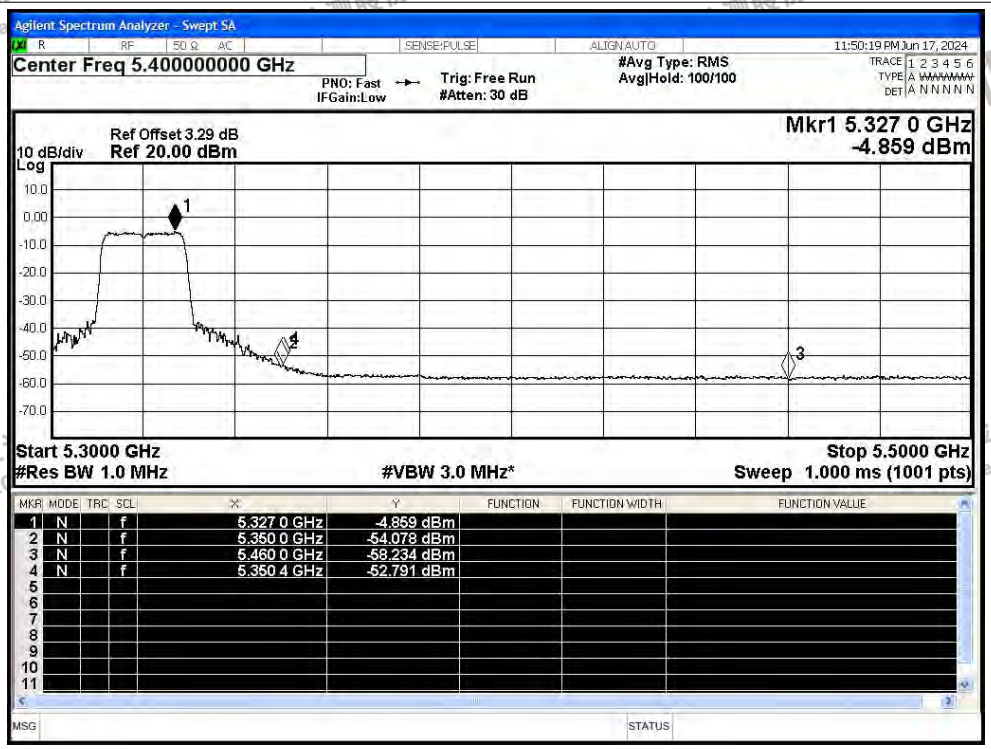
Restrict Band NVNT n20 5260MHz Ant3 Average



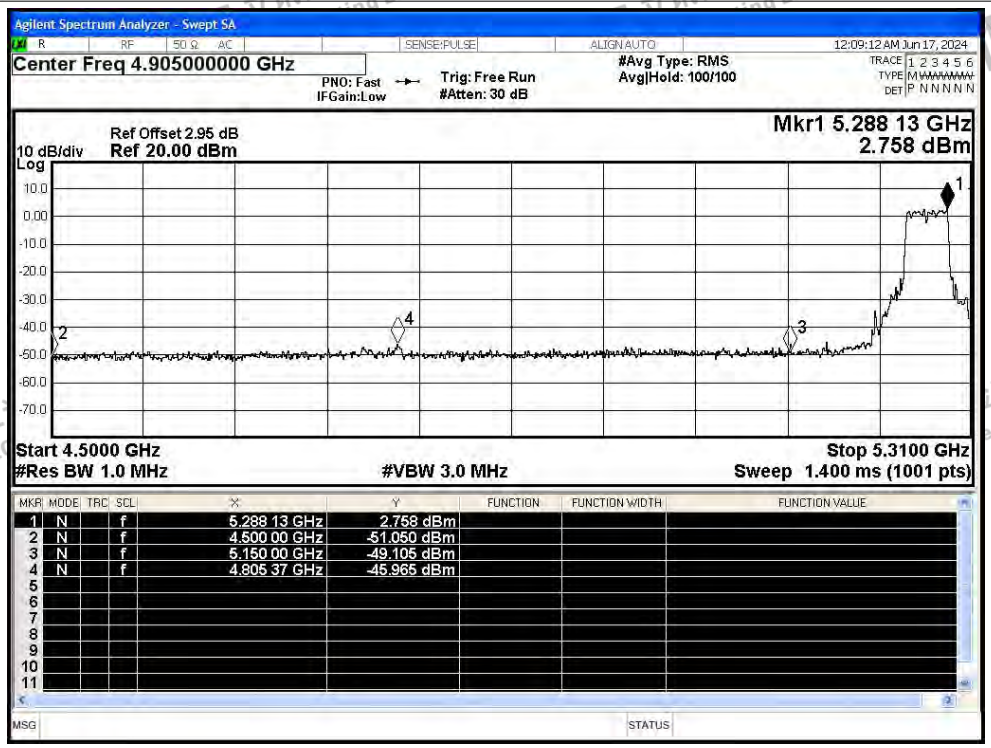
Restrict Band NVNT n20 5320MHz Ant3 Peak



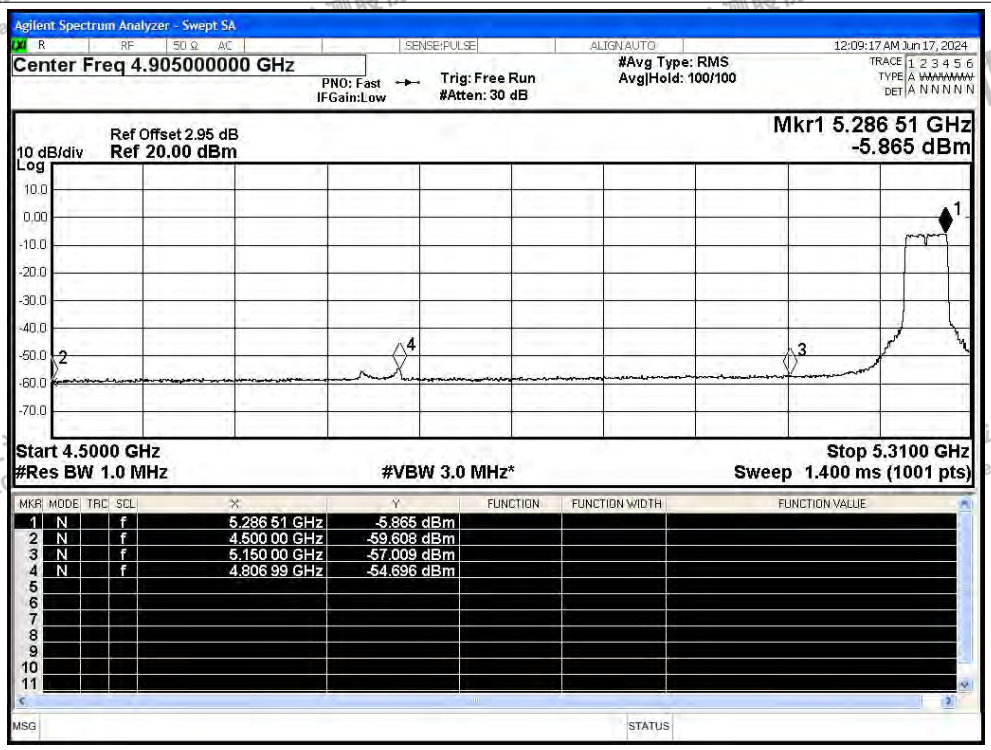
Restrict Band NVNT n20 5320MHz Ant3 Average



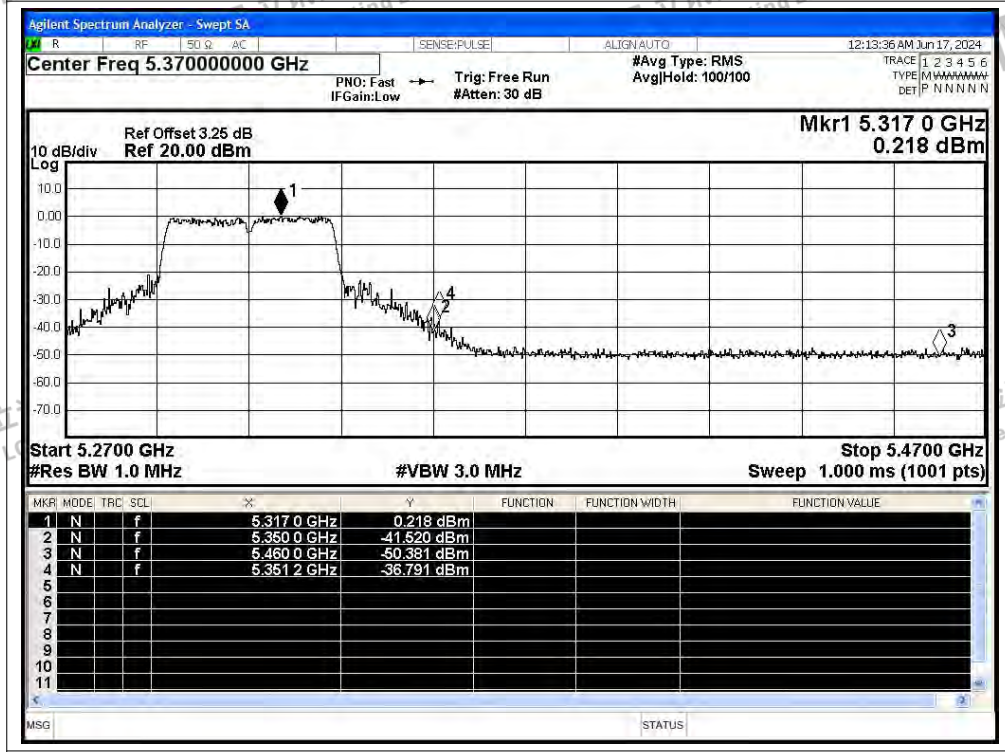
Restrict Band NVNT n40 5270MHz Ant3 Peak



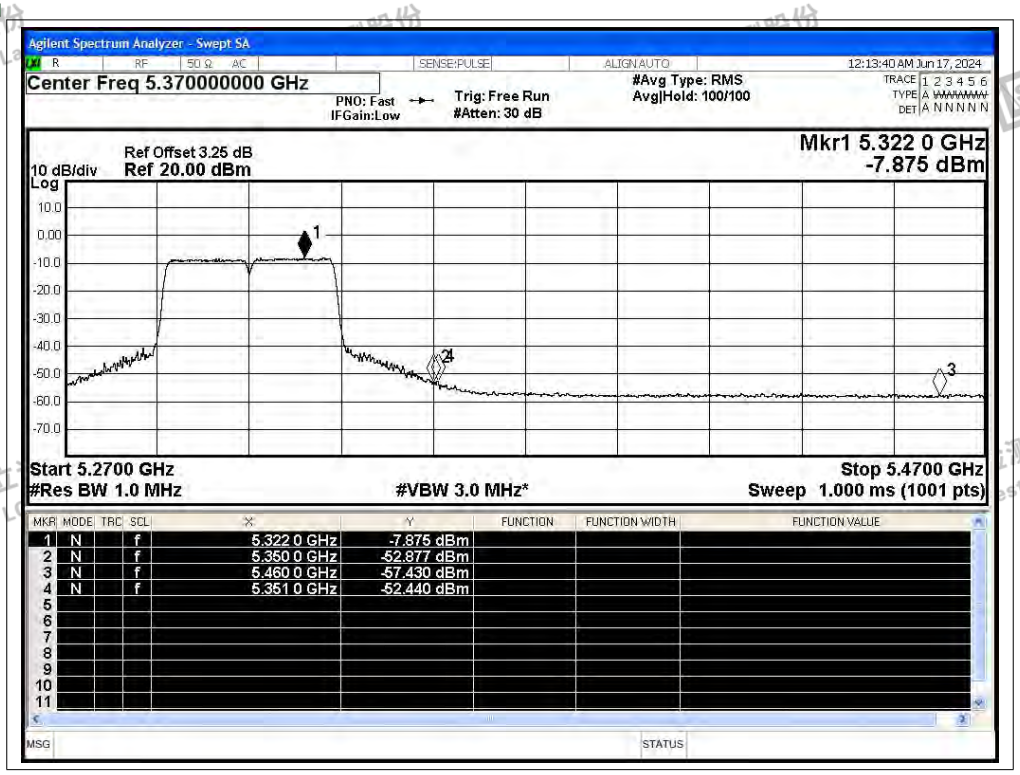
Restrict Band NVNT n40 5270MHz Ant3 Average



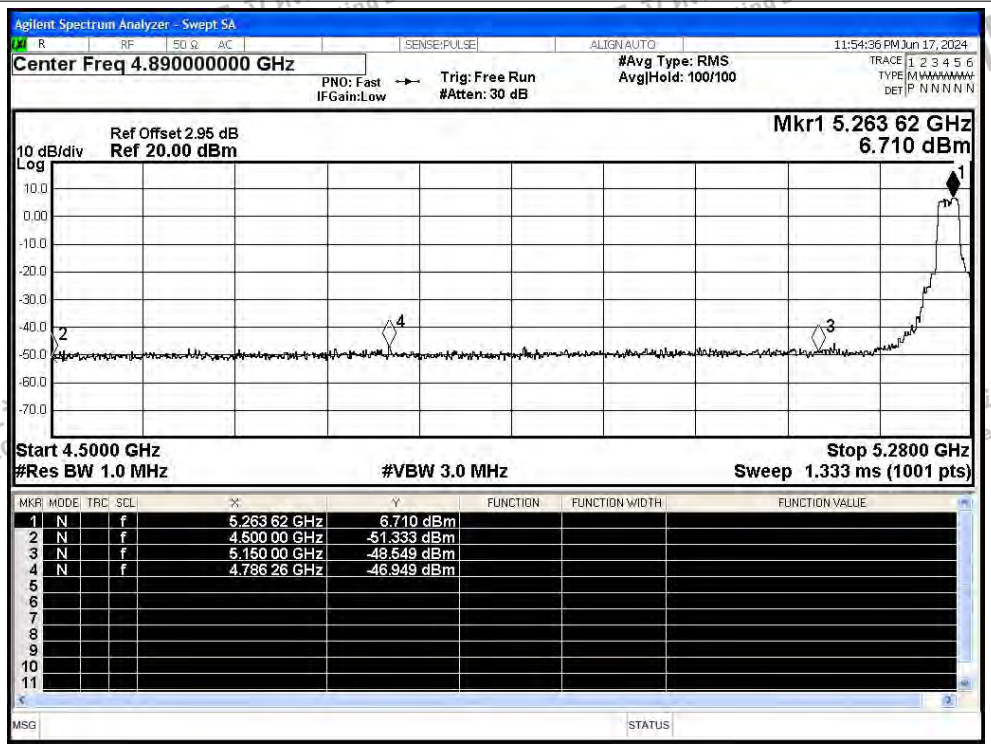
Restrict Band NVNT n40 5310MHz Ant3 Peak



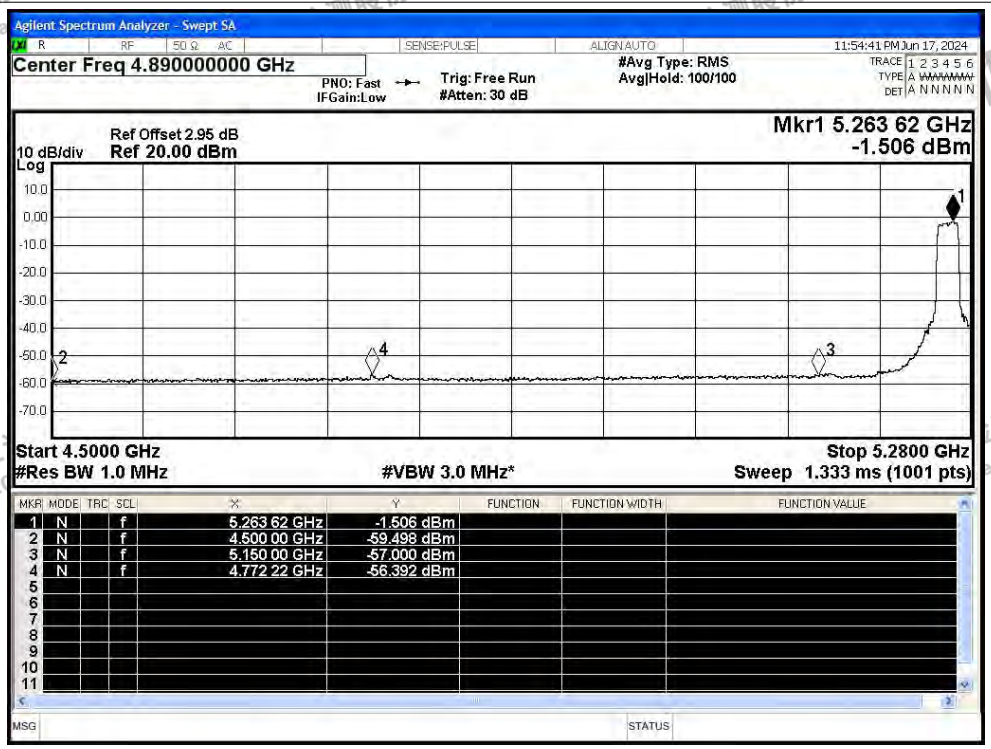
Restrict Band NVNT n40 5310MHz Ant3 Average


Agilent Spectrum Analyzer - Swept SA
Center Freq 5.370000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
#Avg Type: RMS
Avg|Hold: 100/100
12:13:40 AM Jun 17, 2024
Ref Offset 3.25 dB
10 dB/div
Ref 20.00 dBm
Log
Mkr1 5.322 0 GHz
-7.875 dBm
Start 5.2700 GHz
#Res BW 1.0 MHz
#VBW 3.0 MHz*
Stop 5.4700 GHz
Sweep 1.000 ms (1001 pts)
MKR MODE TRC SCL X Y FUNCTION FUNCTION WIDTH FUNCTION VALUE
1 N f 5.322 0 GHz -7.875 dBm
2 N f 5.350 0 GHz -52.877 dBm
3 N f 5.460 0 GHz -57.430 dBm
4 N f 5.351 0 GHz -52.440 dBm
MSG
STATUS

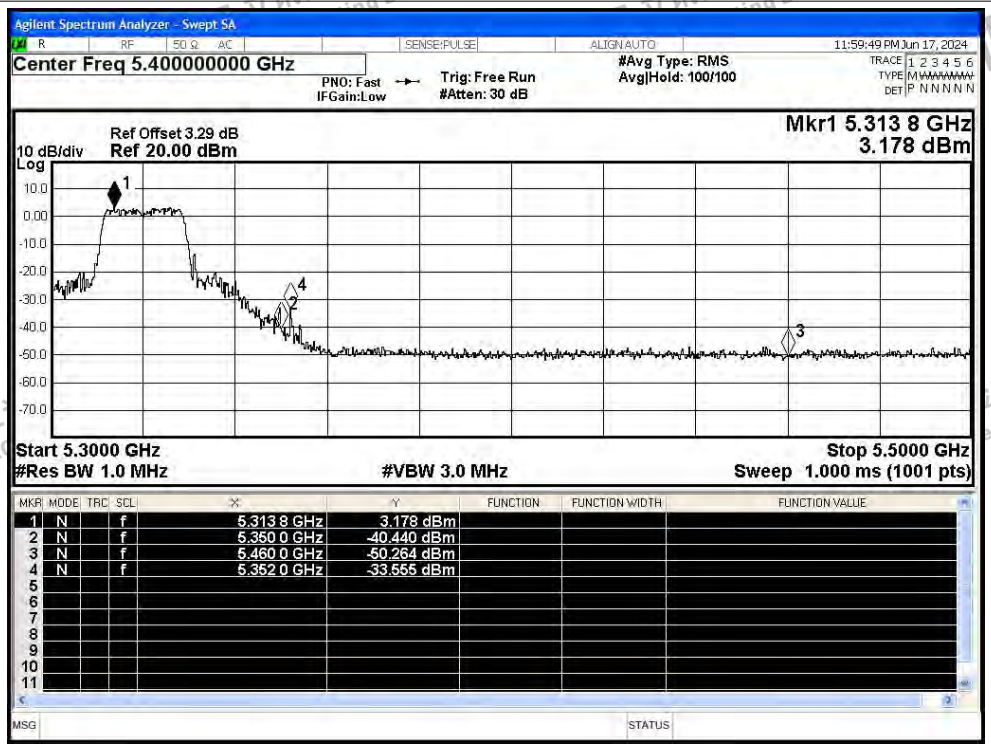
Restrict Band NVNT ac20 5260MHz Ant3 Peak



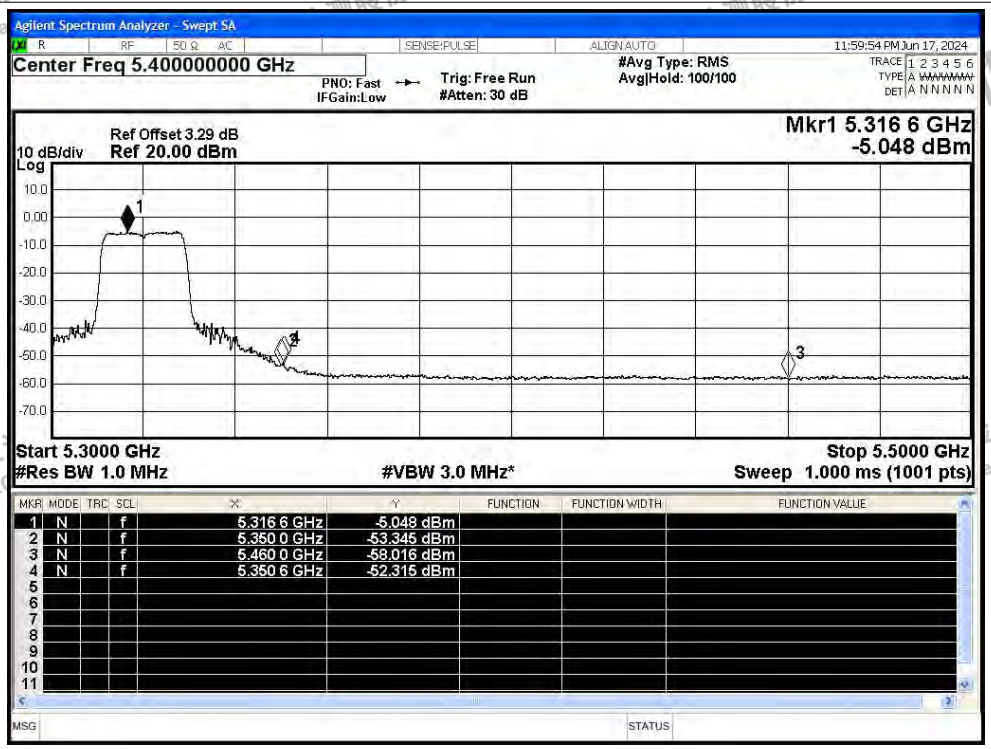
Restrict Band NVNT ac20 5260MHz Ant3 Average



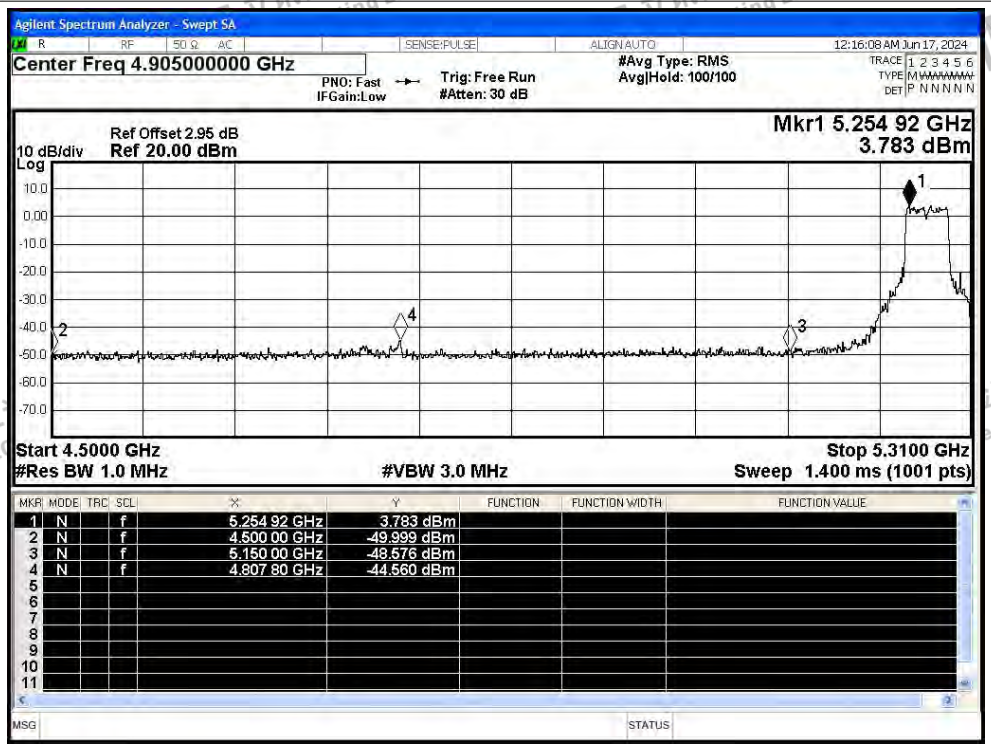
Restrict Band NVNT ac20 5320MHz Ant3 Peak



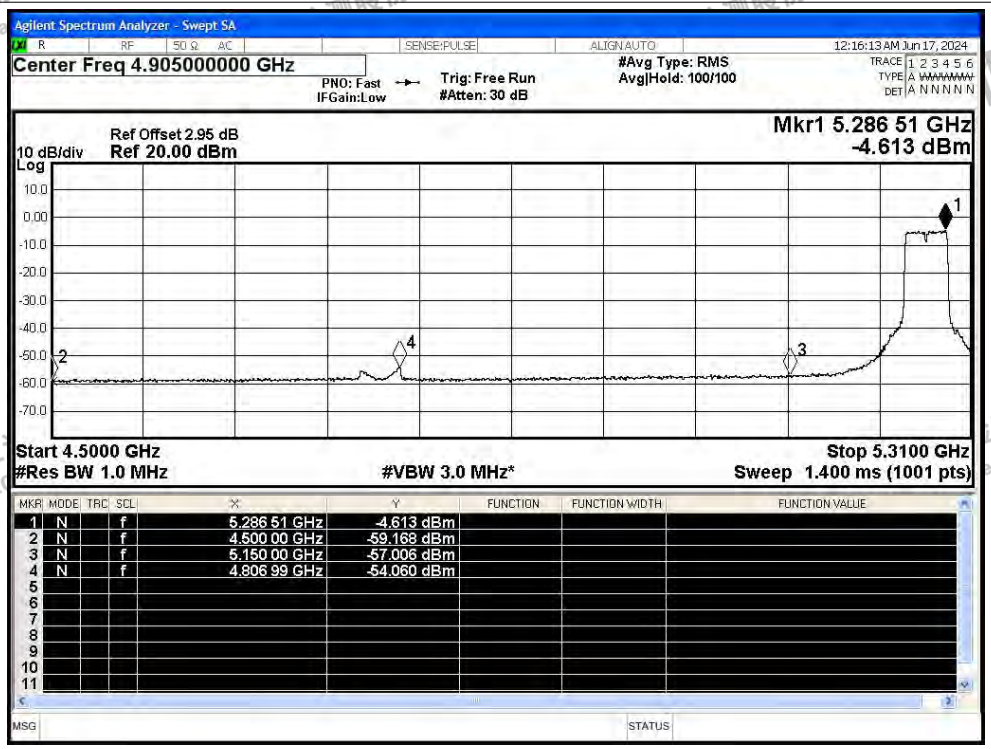
Restrict Band NVNT ac20 5320MHz Ant3 Average



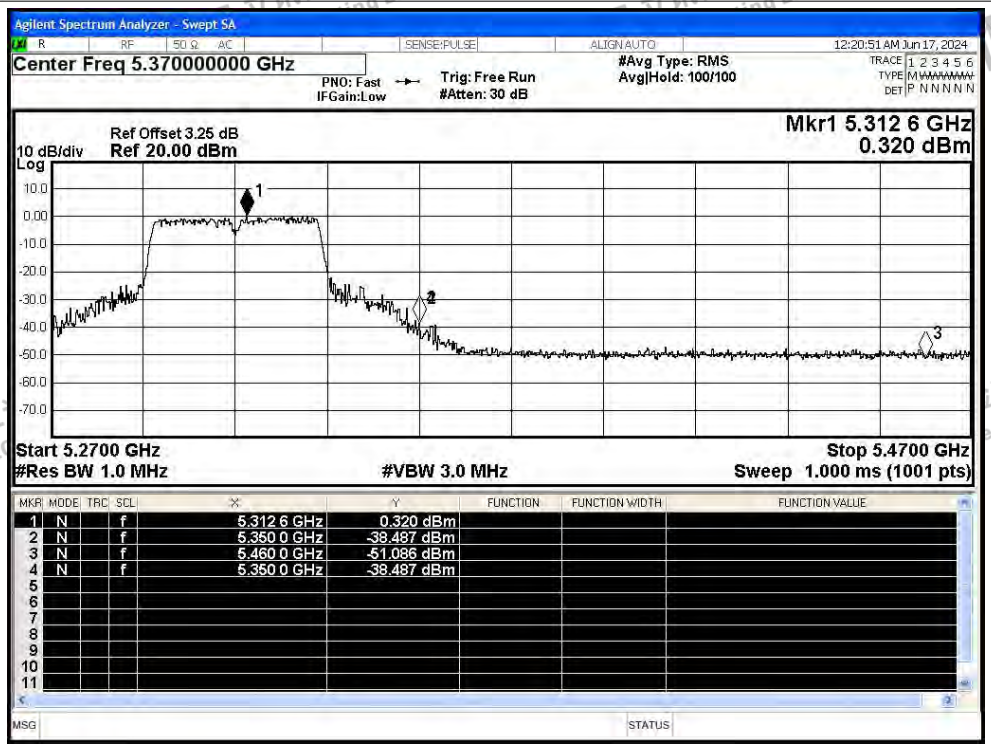
Restrict Band NVNT ac40 5270MHz Ant3 Peak



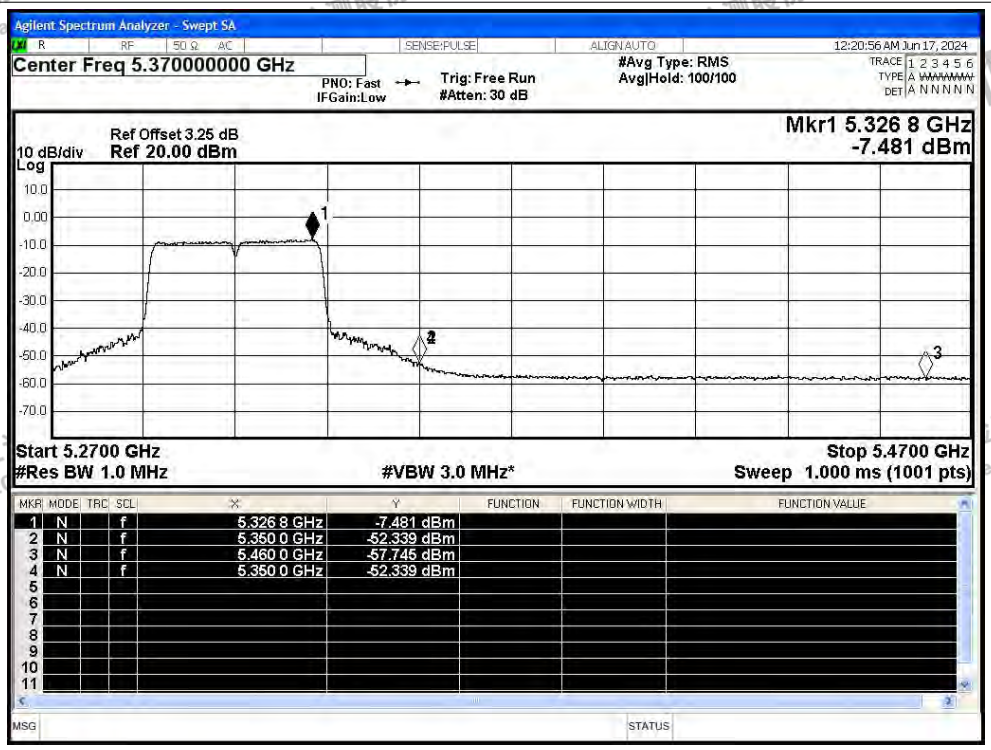
Restrict Band NVNT ac40 5270MHz Ant3 Average



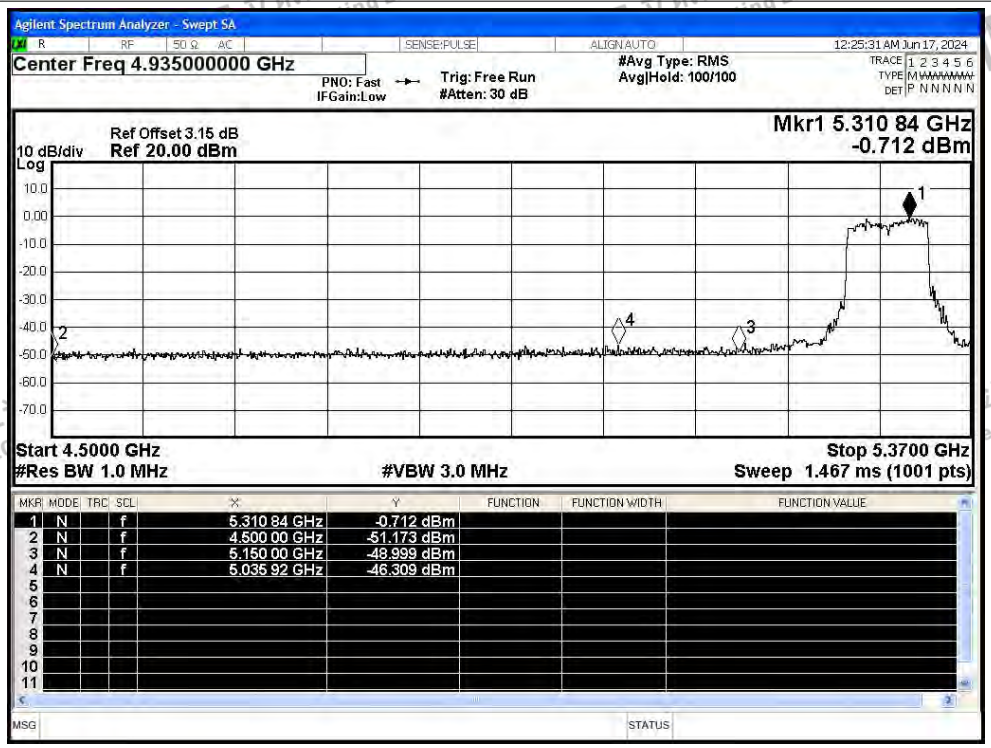
Restrict Band NVNT ac40 5310MHz Ant3 Peak



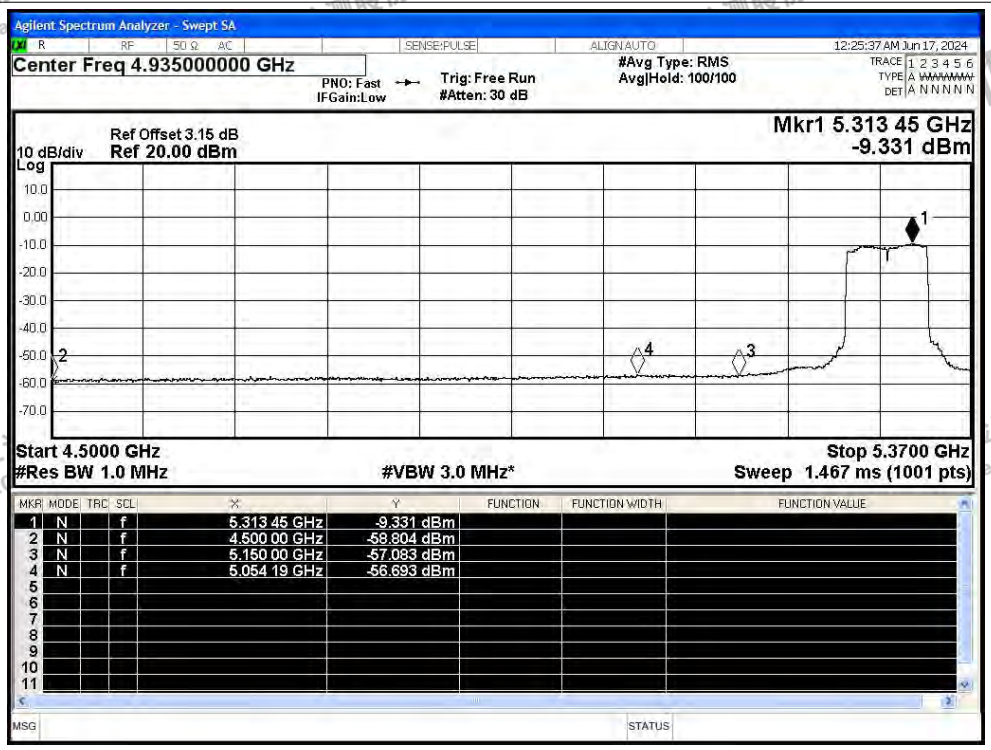
Restrict Band NVNT ac40 5310MHz Ant3 Average



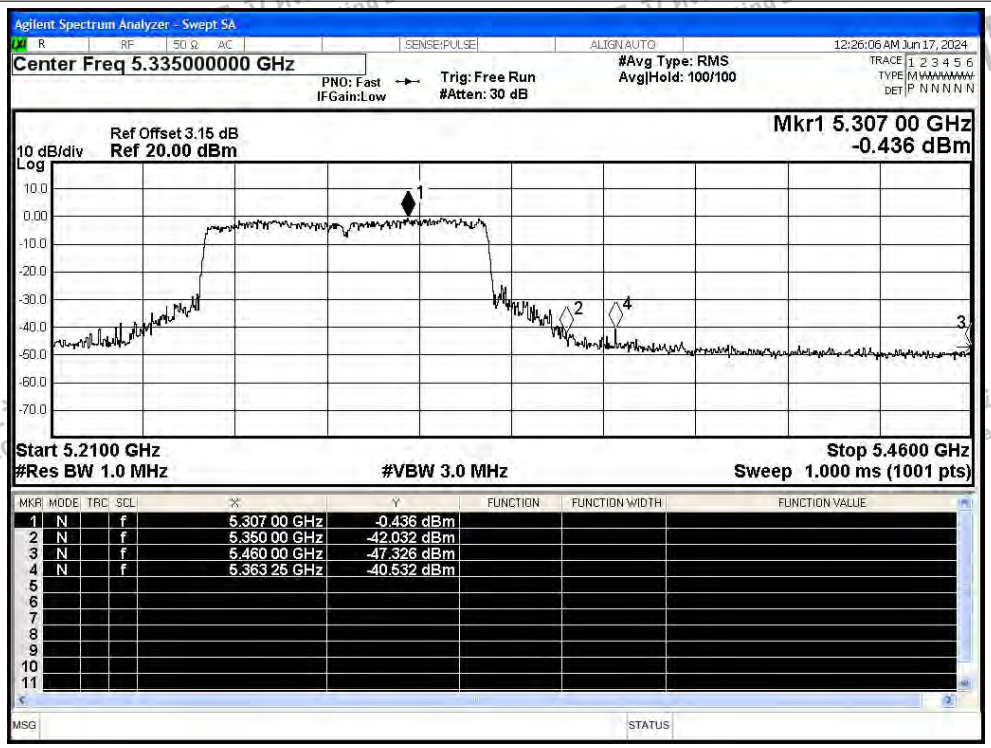
Restrict Band NVNT ac80 5290MHz Ant3 Peak



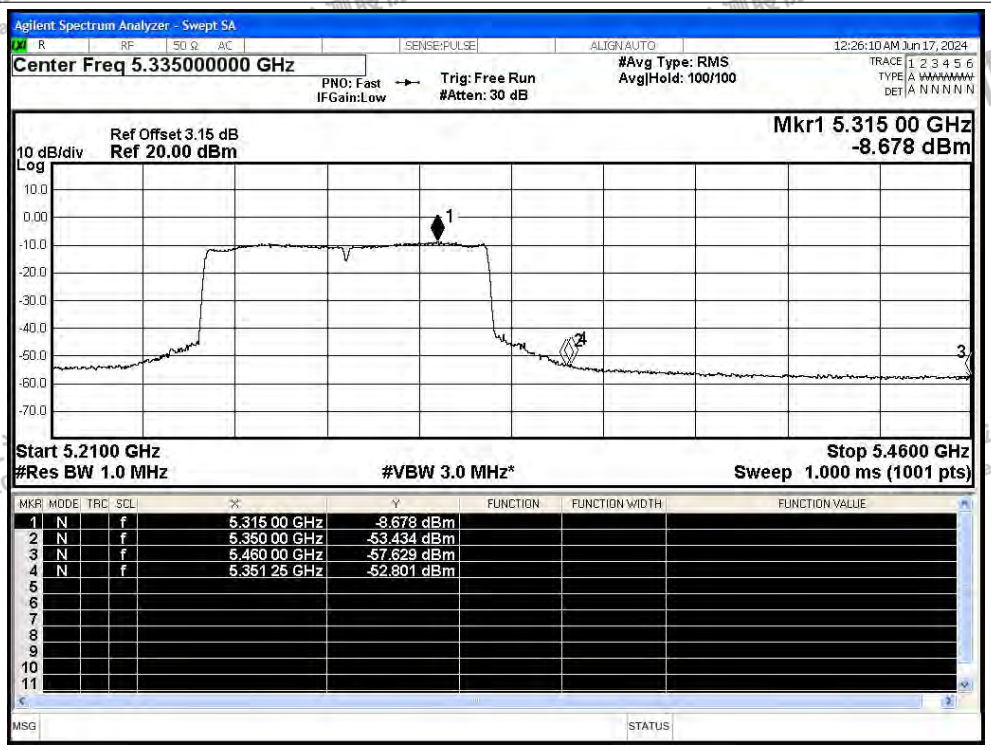
Restrict Band NVNT ac80 5290MHz Ant3 Average



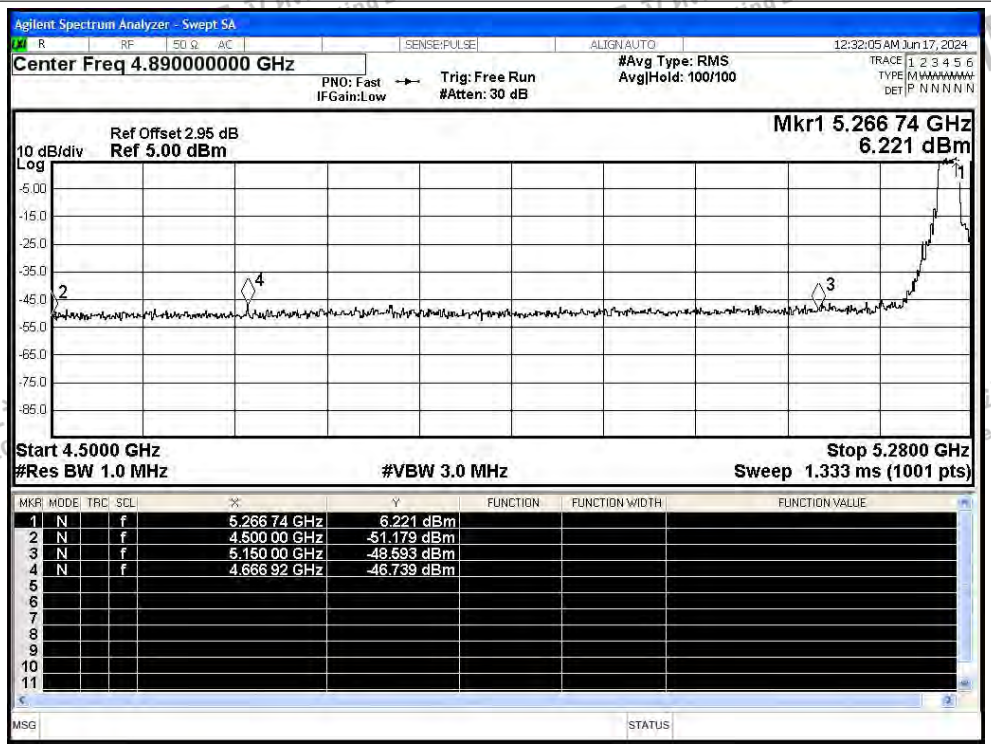
Restrict Band NVNT ac80 5290MHz Ant3 Peak



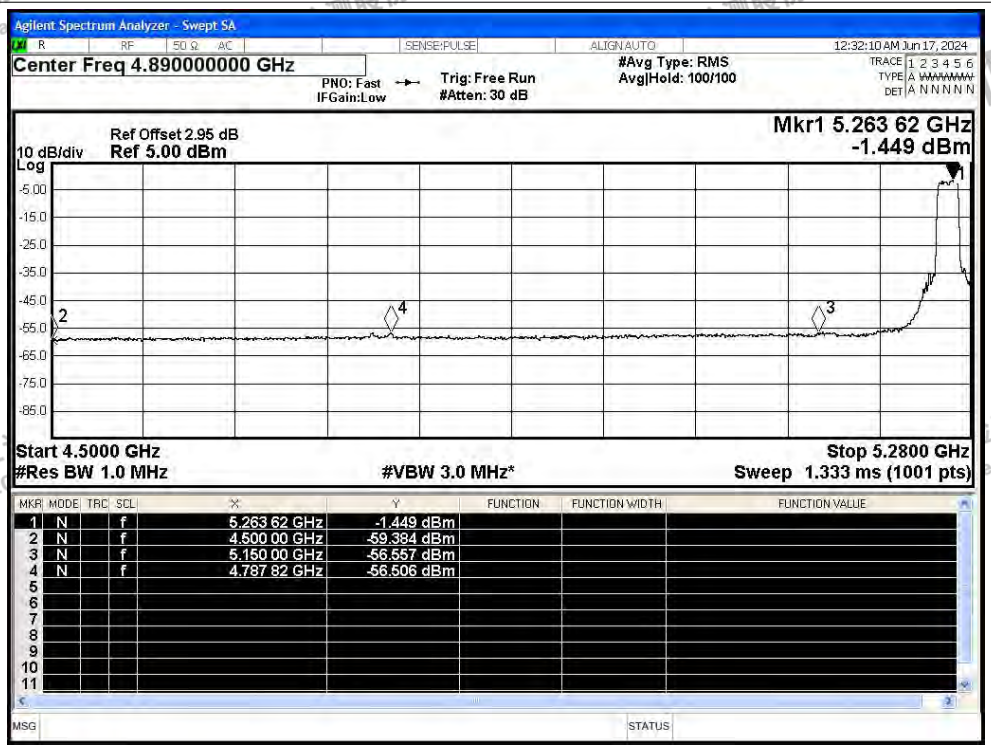
Restrict Band NVNT ac80 5290MHz Ant3 Average



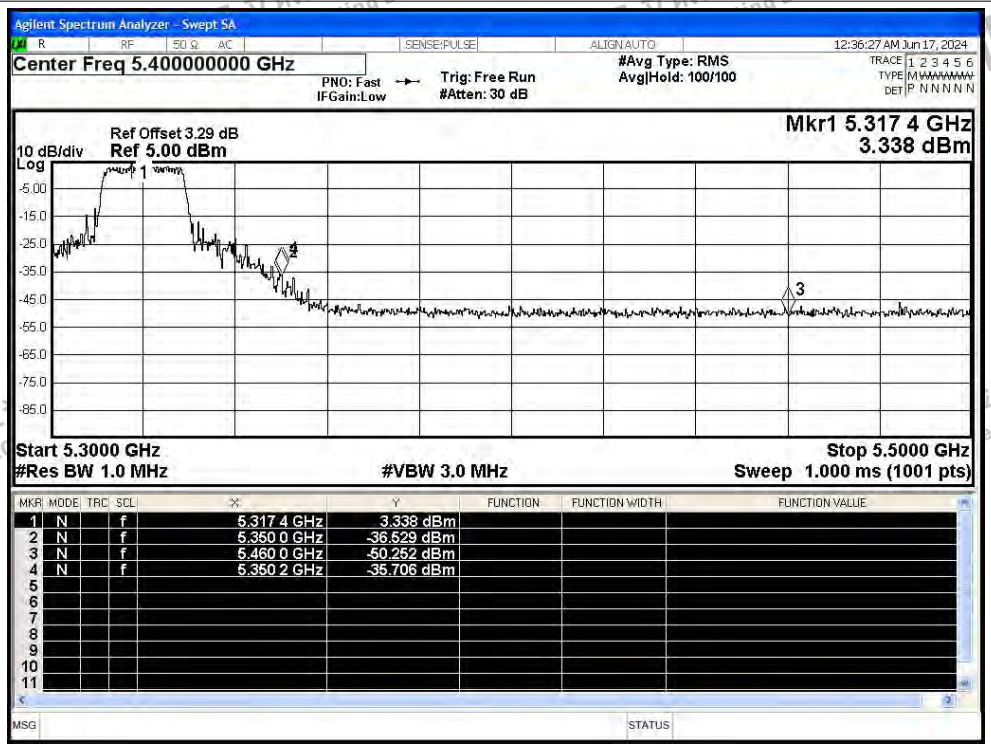
Restrict Band NVNT ax20 5260MHz Ant3 Peak



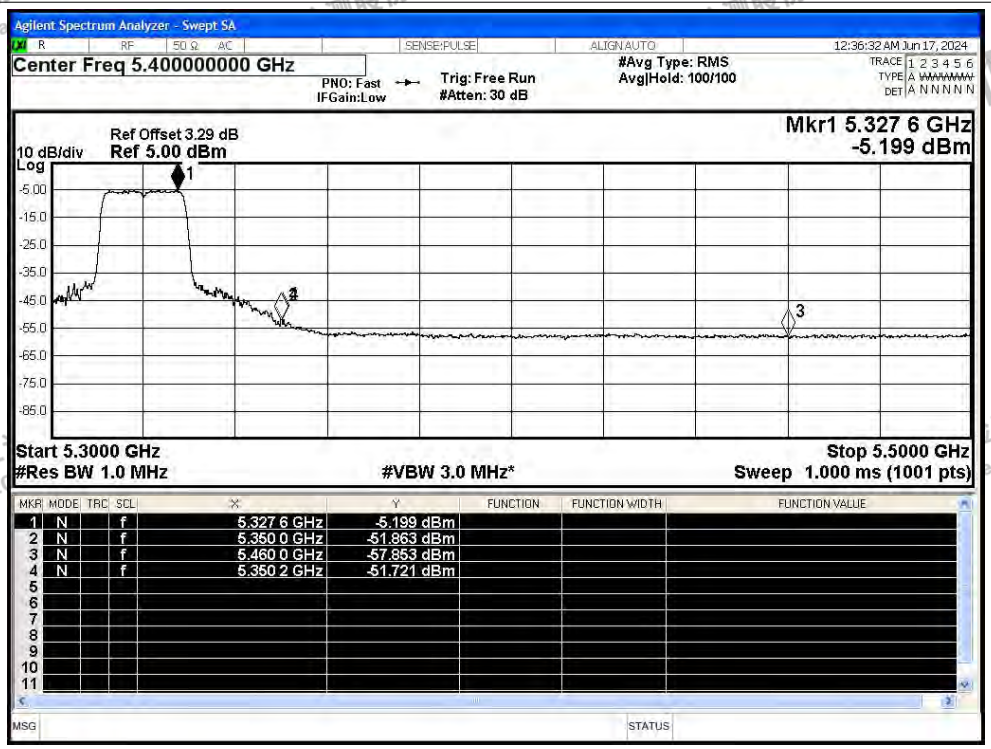
Restrict Band NVNT ax20 5260MHz Ant3 Average



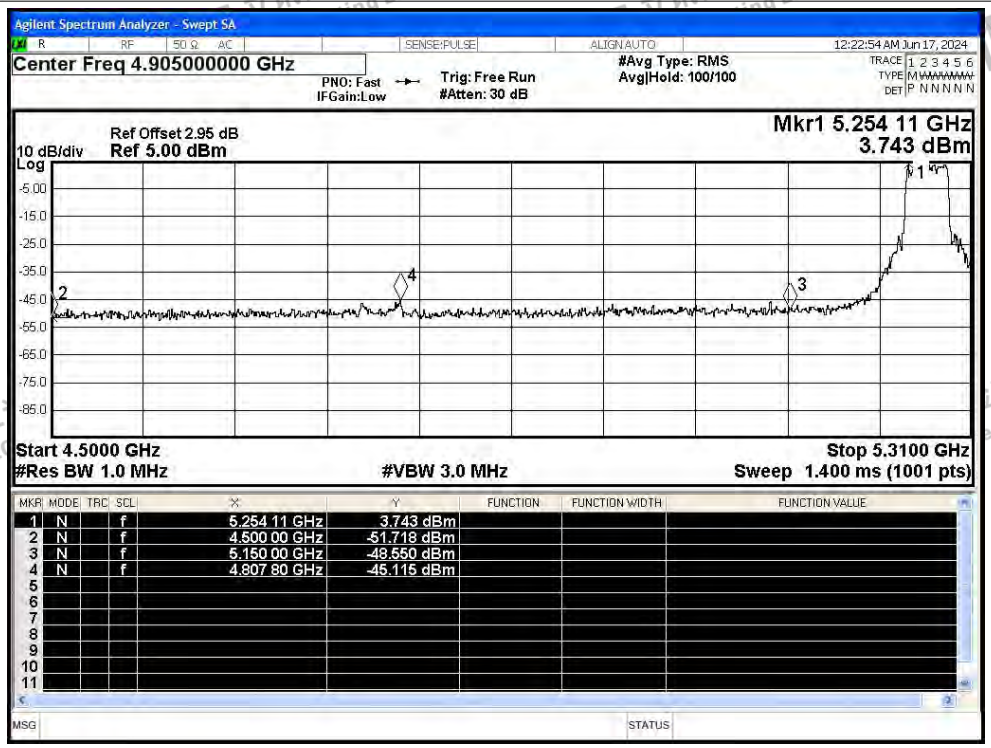
Restrict Band NVNT ax20 5320MHz Ant3 Peak



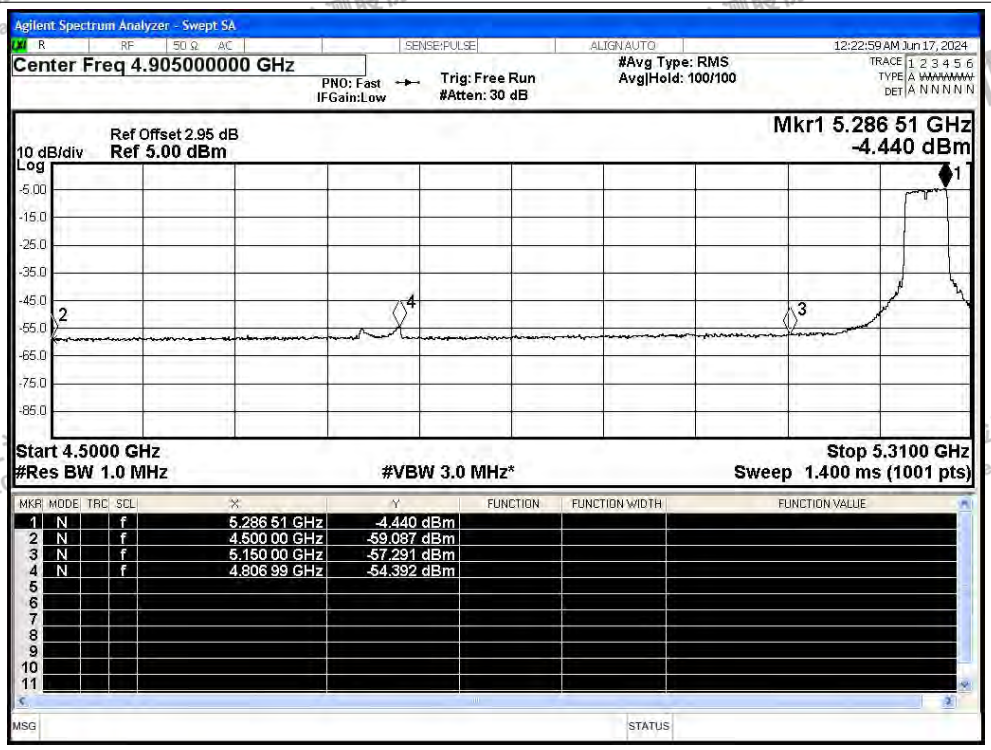
Restrict Band NVNT ax20 5320MHz Ant3 Average



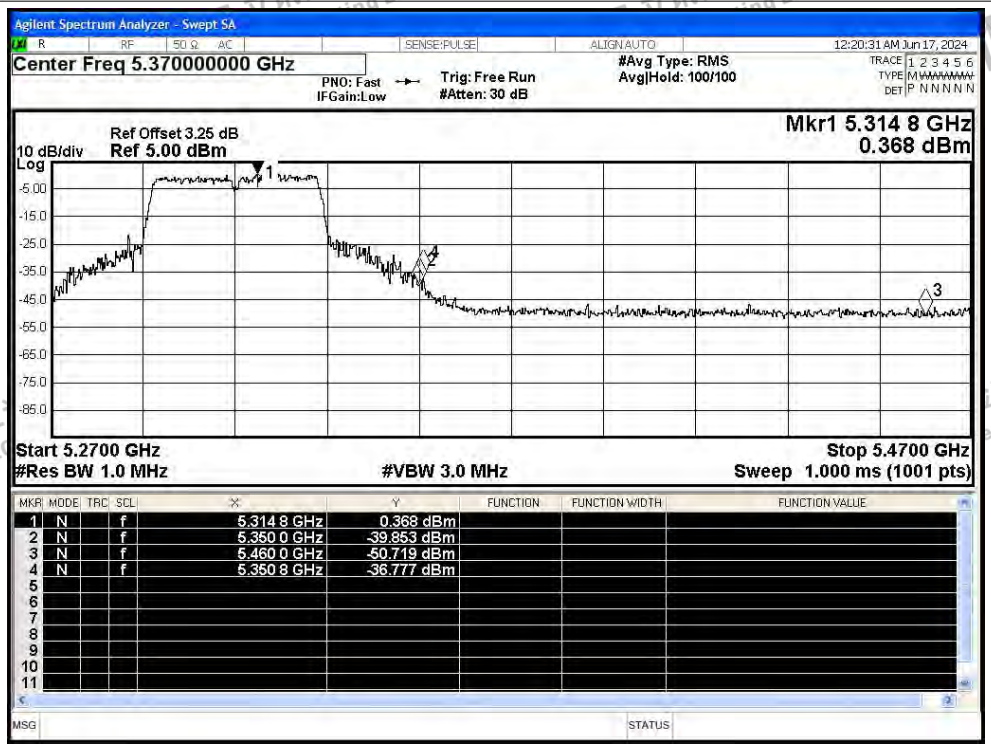
Restrict Band NVNT ax40 5270MHz Ant3 Peak



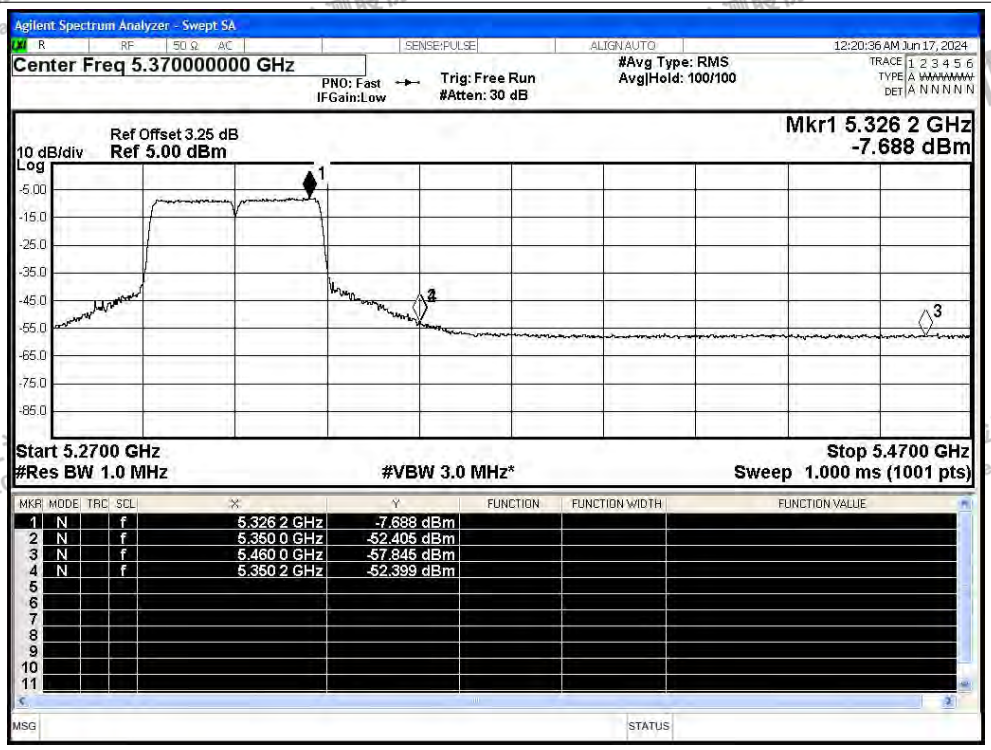
Restrict Band NVNT ax40 5270MHz Ant3 Average



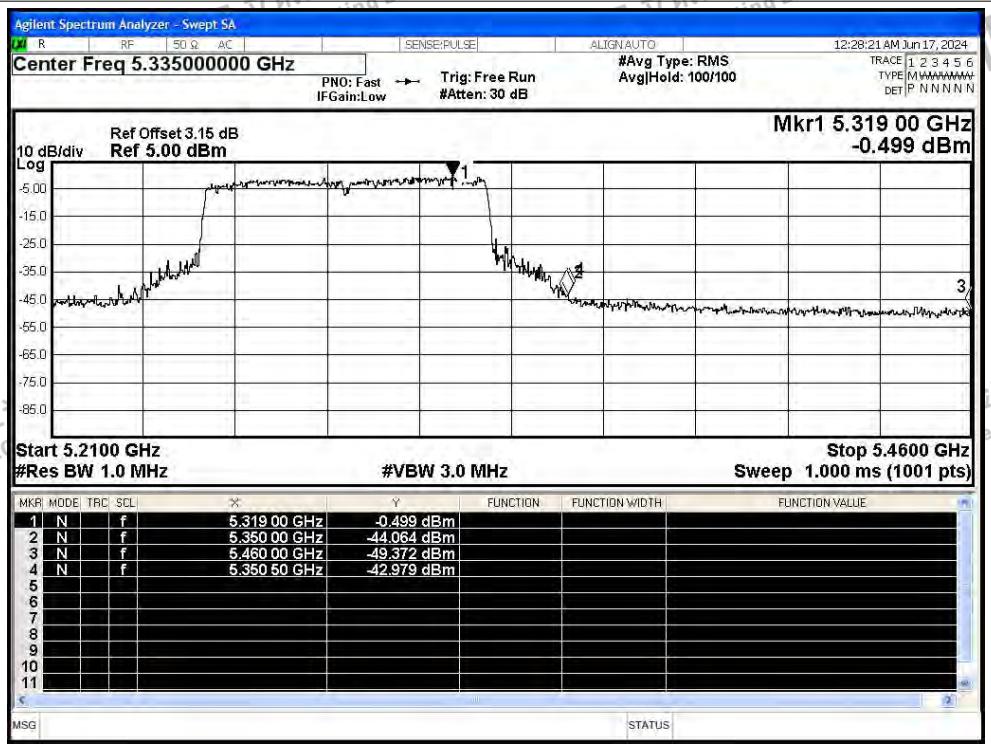
Restrict Band NVNT ax40 5310MHz Ant3 Peak



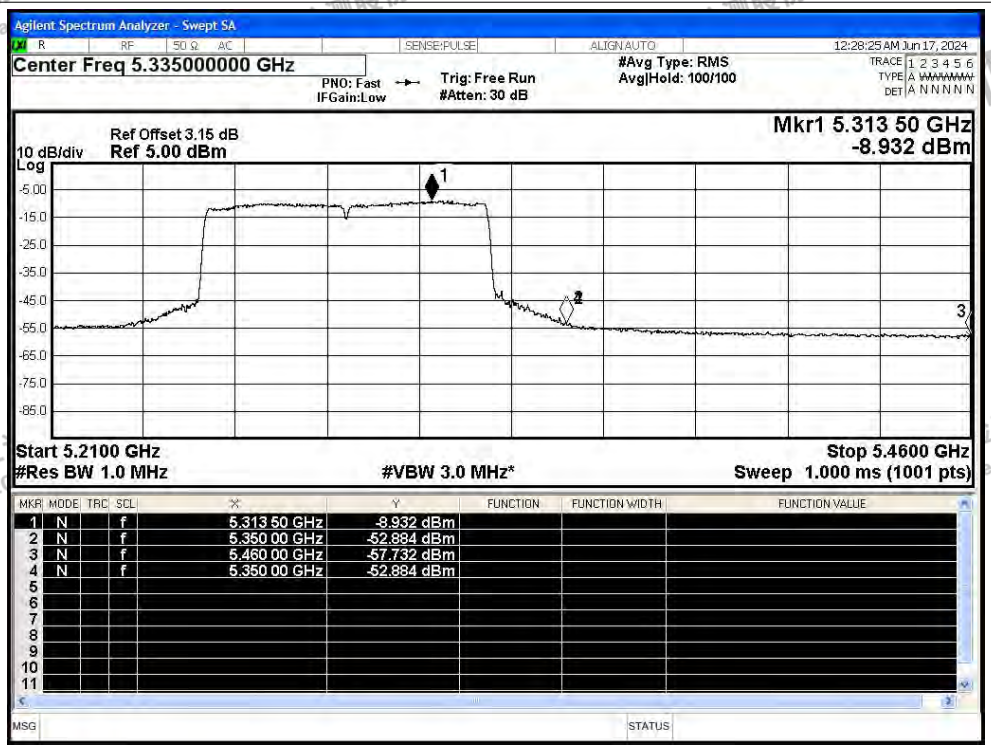
Restrict Band NVNT ax40 5310MHz Ant3 Average



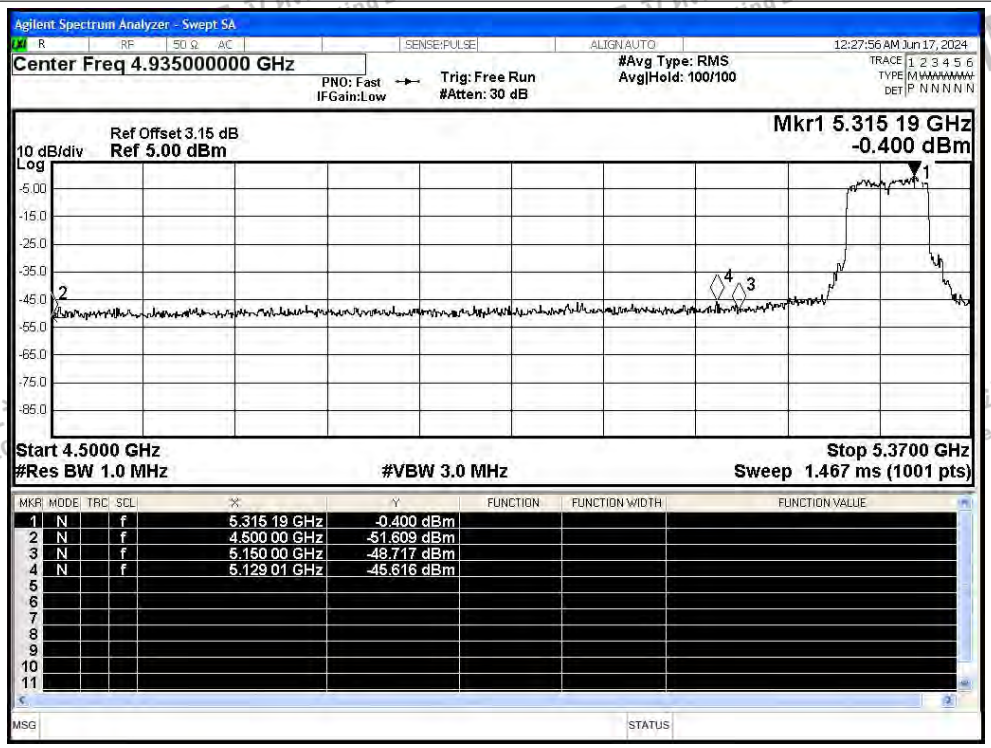
Restrict Band NVNT ax80 5290MHz Ant3 Peak



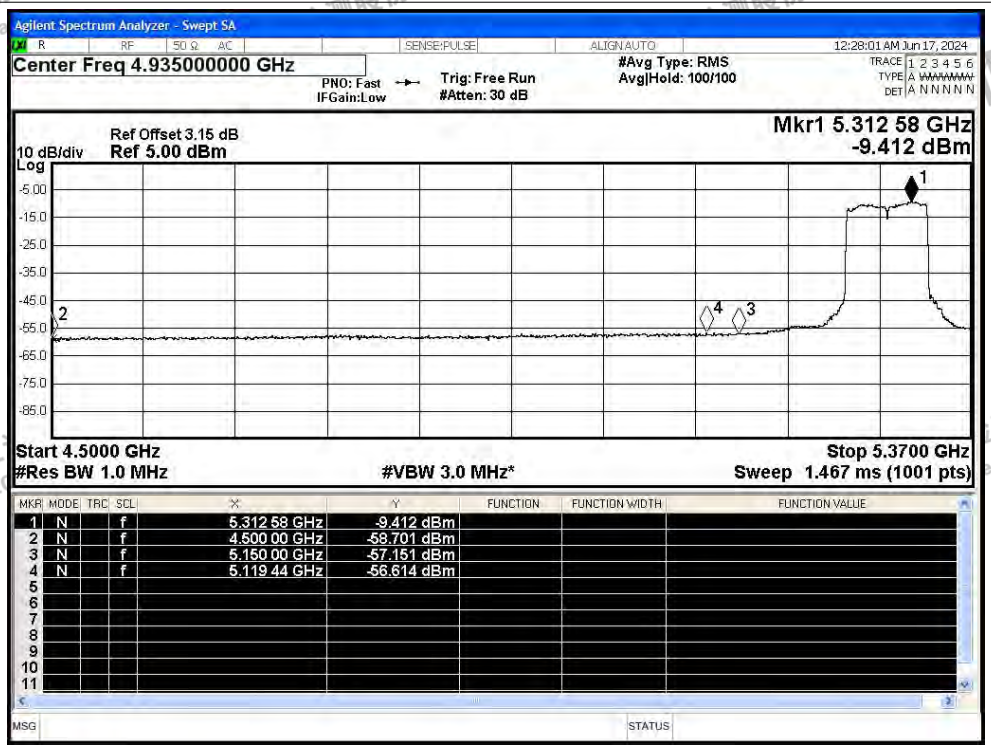
Restrict Band NVNT ax80 5290MHz Ant3 Average



Restrict Band NVNT ax80 5290MHz Ant3 Peak



Restrict Band NVNT ax80 5290MHz Ant3 Average



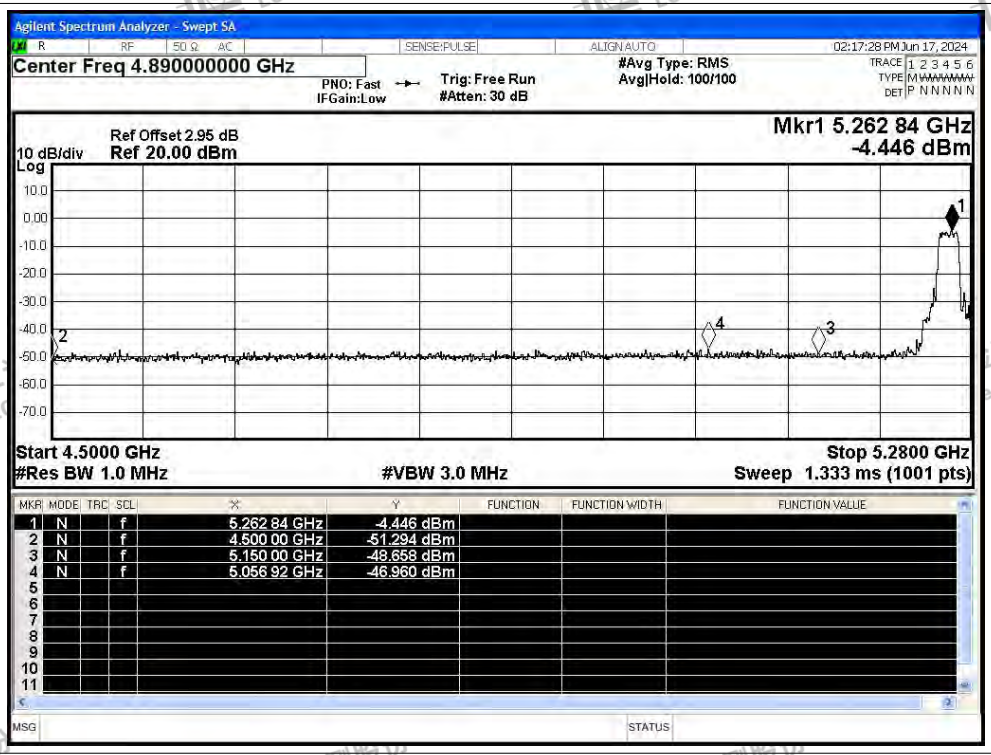
Condition	Mode	Frequency (MHz)	Antenna	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	Duty Factor (dB)	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
NVNT	a	5260	Ant4	4500	-51.29	3.59	-	47.56	Peak	68.2	Pass
NVNT	a	5260	Ant4	4500	-58.46	3.59	0	40.39	Average	54	Pass
NVNT	a	5260	Ant4	5056.92	-46.96	3.59	-	51.89	Peak	68.2	Pass
NVNT	a	5260	Ant4	5051.46	-56.77	3.59	0	42.08	Average	54	Pass
NVNT	a	5260	Ant4	5150	-48.66	3.59	-	50.19	Peak	68.2	Pass
NVNT	a	5260	Ant4	5150	-57.43	3.59	0	41.42	Average	54	Pass
NVNT	a	5320	Ant4	5350	-47.88	3.59	-	50.97	Peak	68.2	Pass
NVNT	a	5320	Ant4	5350	-57.43	3.59	0	41.42	Average	54	Pass
NVNT	a	5320	Ant4	5433.4	-46.67	3.59	-	52.18	Peak	68.2	Pass
NVNT	a	5320	Ant4	5351.4	-56.9	3.59	0	41.95	Average	54	Pass
NVNT	a	5320	Ant4	5460	-49.02	3.59	-	49.83	Peak	68.2	Pass
NVNT	a	5320	Ant4	5460	-57.92	3.59	0	40.93	Average	54	Pass
NVNT	n20	5260	Ant4	4500	-49.33	3.59	-	49.52	Peak	68.2	Pass
NVNT	n20	5260	Ant4	4500	-58.92	3.59	0	39.93	Average	54	Pass
NVNT	n20	5260	Ant4	4952.4	-47.1	3.59	-	51.75	Peak	68.2	Pass
NVNT	n20	5260	Ant4	5028.84	-56.92	3.59	0	41.93	Average	54	Pass
NVNT	n20	5260	Ant4	5150	-50.28	3.59	-	48.57	Peak	68.2	Pass
NVNT	n20	5260	Ant4	5150	-57.29	3.59	0	41.56	Average	54	Pass
NVNT	n20	5320	Ant4	5350	-47.87	3.59	-	50.98	Peak	68.2	Pass
NVNT	n20	5320	Ant4	5350	-57.05	3.59	0	41.80	Average	54	Pass
NVNT	n20	5320	Ant4	5352	-44.06	3.59	-	54.79	Peak	68.2	Pass
NVNT	n20	5320	Ant4	5352.4	-56.72	3.59	0	42.13	Average	54	Pass
NVNT	n20	5320	Ant4	5460	-50.39	3.59	-	48.46	Peak	68.2	Pass
NVNT	n20	5320	Ant4	5460	-58.25	3.59	0	40.60	Average	54	Pass
NVNT	n40	5270	Ant4	4500	-50.48	3.59	-	48.37	Peak	68.2	Pass
NVNT	n40	5270	Ant4	4500	-59.26	3.59	0	39.59	Average	54	Pass
NVNT	n40	5270	Ant4	5148	-46.67	3.59	-	52.18	Peak	68.2	Pass
NVNT	n40	5270	Ant4	5060.52	-56.76	3.59	0	42.09	Average	54	Pass
NVNT	n40	5270	Ant4	5150	-47.99	3.59	-	50.86	Peak	68.2	Pass
NVNT	n40	5270	Ant4	5150	-57.43	3.59	0	41.42	Average	54	Pass
NVNT	n40	5310	Ant4	5350	-47.79	3.59	-	51.06	Peak	68.2	Pass
NVNT	n40	5310	Ant4	5350	-56.99	3.59	0	41.86	Average	54	Pass
NVNT	n40	5310	Ant4	5351.2	-44.19	3.59	-	54.66	Peak	68.2	Pass
NVNT	n40	5310	Ant4	5353.4	-56.8	3.59	0	42.05	Average	54	Pass
NVNT	n40	5310	Ant4	5460	-50.06	3.59	-	48.79	Peak	68.2	Pass
NVNT	n40	5310	Ant4	5460	-57.74	3.59	0	41.11	Average	54	Pass
NVNT	ac20	5260	Ant4	4500	-51.08	3.59	-	47.77	Peak	68.2	Pass
NVNT	ac20	5260	Ant4	4500	-58.96	3.59	0	39.89	Average	54	Pass

NVNT	ac20	5260	Ant4	4952.4	-46.43	3.59	-	52.42	Peak	68.2	Pass
NVNT	ac20	5260	Ant4	5057.7	-56.94	3.59	0	41.91	Average	54	Pass
NVNT	ac20	5260	Ant4	5150	-48.73	3.59	-	50.12	Peak	68.2	Pass
NVNT	ac20	5260	Ant4	5150	-58.09	3.59	0	40.76	Average	54	Pass
NVNT	ac20	5320	Ant4	5350	-45.16	3.59	-	53.69	Peak	68.2	Pass
NVNT	ac20	5320	Ant4	5350	-57.09	3.59	0	41.76	Average	54	Pass
NVNT	ac20	5320	Ant4	5350.4	-44.5	3.59	-	54.35	Peak	68.2	Pass
NVNT	ac20	5320	Ant4	5351.2	-56.37	3.59	0	42.48	Average	54	Pass
NVNT	ac20	5320	Ant4	5460	-49.76	3.59	-	49.09	Peak	68.2	Pass
NVNT	ac20	5320	Ant4	5460	-57.82	3.59	0	41.03	Average	54	Pass
NVNT	ac40	5270	Ant4	4500	-50.26	3.59	-	48.59	Peak	68.2	Pass
NVNT	ac40	5270	Ant4	4500	-59	3.59	0	39.85	Average	54	Pass
NVNT	ac40	5270	Ant4	5062.14	-46.8	3.59	-	52.05	Peak	68.2	Pass
NVNT	ac40	5270	Ant4	5088.87	-56.99	3.59	0	41.86	Average	54	Pass
NVNT	ac40	5270	Ant4	5150	-48.66	3.59	-	50.19	Peak	68.2	Pass
NVNT	ac40	5270	Ant4	5150	-57.87	3.59	0	40.98	Average	54	Pass
NVNT	ac40	5310	Ant4	5350	-46.9	3.59	-	51.95	Peak	68.2	Pass
NVNT	ac40	5310	Ant4	5350	-55.96	3.59	0	42.89	Average	54	Pass
NVNT	ac40	5310	Ant4	5352.4	-43.09	3.59	-	55.76	Peak	68.2	Pass
NVNT	ac40	5310	Ant4	5350	-55.96	3.59	0	42.89	Average	54	Pass
NVNT	ac40	5310	Ant4	5460	-48.99	3.59	-	49.86	Peak	68.2	Pass
NVNT	ac40	5310	Ant4	5460	-57.39	3.59	0	41.46	Average	54	Pass
NVNT	ac80	5290	Ant4	4500	-50.36	3.59	-	48.49	Peak	68.2	Pass
NVNT	ac80	5290	Ant4	4500	-58.78	3.59	0	40.07	Average	54	Pass
NVNT	ac80	5290	Ant4	5112.48	-46.43	3.59	-	52.42	Peak	68.2	Pass
NVNT	ac80	5290	Ant4	5125.53	-56.64	3.59	0	42.21	Average	54	Pass
NVNT	ac80	5290	Ant4	5150	-49.58	3.59	-	49.27	Peak	68.2	Pass
NVNT	ac80	5290	Ant4	5150	-57.53	3.59	0	41.32	Average	54	Pass
NVNT	ac80	5290	Ant4	5350	-48.49	3.59	-	50.36	Peak	68.2	Pass
NVNT	ac80	5290	Ant4	5350	-57.33	3.59	0	41.52	Average	54	Pass
NVNT	ac80	5290	Ant4	5352.75	-46.15	3.59	-	52.70	Peak	68.2	Pass
NVNT	ac80	5290	Ant4	5351.75	-56.71	3.59	0	42.14	Average	54	Pass
NVNT	ac80	5290	Ant4	5460	-50.61	3.59	-	48.24	Peak	68.2	Pass
NVNT	ac80	5290	Ant4	5460	-57.84	3.59	0	41.01	Average	54	Pass
NVNT	ax20	5260	Ant4	4500	-51.4	3.59	-	47.45	Peak	68.2	Pass
NVNT	ax20	5260	Ant4	4500	-59.39	3.59	0	39.46	Average	54	Pass
NVNT	ax20	5260	Ant4	4969.56	-47.12	3.59	-	51.73	Peak	68.2	Pass
NVNT	ax20	5260	Ant4	5138.04	-56.74	3.59	0	42.11	Average	54	Pass
NVNT	ax20	5260	Ant4	5150	-49.22	3.59	-	49.63	Peak	68.2	Pass
NVNT	ax20	5260	Ant4	5150	-57.08	3.59	0	41.77	Average	54	Pass
NVNT	ax20	5320	Ant4	5350	-48.13	3.59	-	50.72	Peak	68.2	Pass

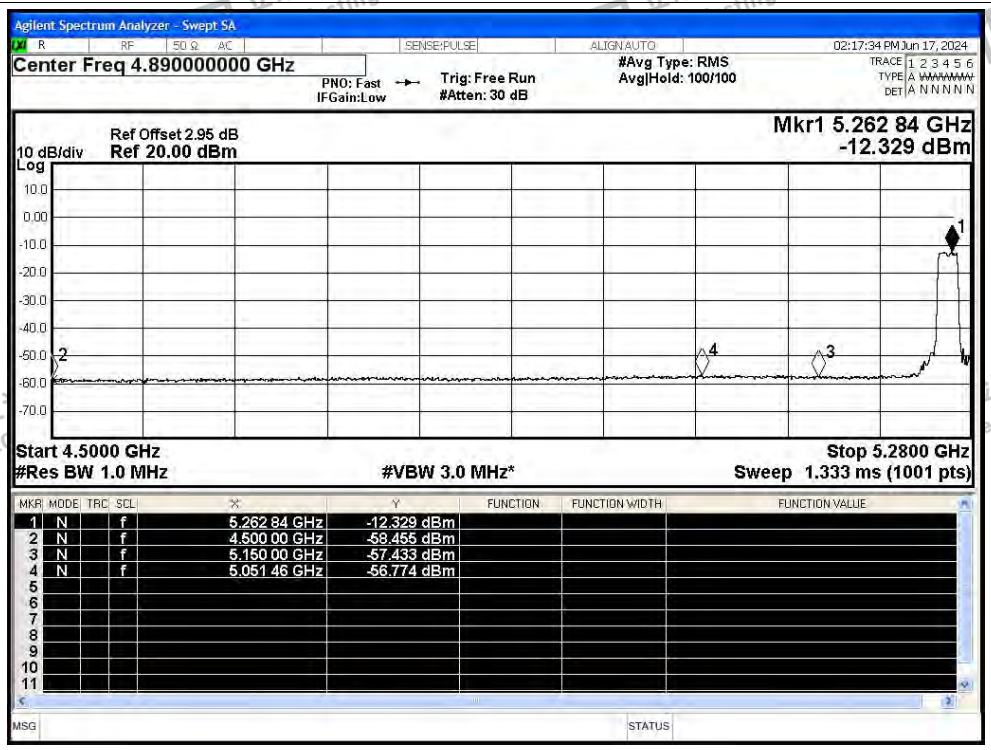
NVNT	ax20	5320	Ant4	5350	-57.5	3.59	0	41.35	Average	54	Pass
NVNT	ax20	5320	Ant4	5457.2	-45.87	3.59	-	52.98	Peak	68.2	Pass
NVNT	ax20	5320	Ant4	5351.6	-56.42	3.59	0	42.43	Average	54	Pass
NVNT	ax20	5320	Ant4	5460	-50.79	3.59	-	48.06	Peak	68.2	Pass
NVNT	ax20	5320	Ant4	5460	-58.19	3.59	0	40.66	Average	54	Pass
NVNT	ax40	5270	Ant4	4500	-50.57	3.59	-	48.28	Peak	68.2	Pass
NVNT	ax40	5270	Ant4	4500	-59.42	3.59	0	39.43	Average	54	Pass
NVNT	ax40	5270	Ant4	5148.81	-47.22	3.59	-	51.63	Peak	68.2	Pass
NVNT	ax40	5270	Ant4	5089.68	-56.98	3.59	0	41.87	Average	54	Pass
NVNT	ax40	5270	Ant4	5150	-48.9	3.59	-	49.95	Peak	68.2	Pass
NVNT	ax40	5270	Ant4	5150	-58.36	3.59	0	40.49	Average	54	Pass
NVNT	ax40	5310	Ant4	5350	-43.6	3.59	-	55.25	Peak	68.2	Pass
NVNT	ax40	5310	Ant4	5350	-56.72	3.59	0	42.13	Average	54	Pass
NVNT	ax40	5310	Ant4	5350	-43.6	3.59	-	55.25	Peak	68.2	Pass
NVNT	ax40	5310	Ant4	5350.8	-56.47	3.59	0	42.38	Average	54	Pass
NVNT	ax40	5310	Ant4	5460	-49.64	3.59	-	49.21	Peak	68.2	Pass
NVNT	ax40	5310	Ant4	5460	-57.55	3.59	0	41.30	Average	54	Pass
NVNT	ax80	5290	Ant4	5350	-49.63	3.59	-	49.22	Peak	68.2	Pass
NVNT	ax80	5290	Ant4	5350	-57.16	3.59	0	41.69	Average	54	Pass
NVNT	ax80	5290	Ant4	5401	-46.34	3.59	-	52.51	Peak	68.2	Pass
NVNT	ax80	5290	Ant4	5351	-56.05	3.59	0	42.80	Average	54	Pass
NVNT	ax80	5290	Ant4	5460	-48.38	3.59	-	50.47	Peak	68.2	Pass
NVNT	ax80	5290	Ant4	5460	-57.38	3.59	0	41.47	Average	54	Pass
NVNT	ax80	5290	Ant4	4500	-50.75	3.59	-	48.10	Peak	68.2	Pass
NVNT	ax80	5290	Ant4	4500	-58.51	3.59	0	40.34	Average	54	Pass
NVNT	ax80	5290	Ant4	5011.56	-46.38	3.59	-	52.47	Peak	68.2	Pass
NVNT	ax80	5290	Ant4	5086.38	-56.64	3.59	0	42.21	Average	54	Pass
NVNT	ax80	5290	Ant4	5150	-47.94	3.59	-	50.91	Peak	68.2	Pass
NVNT	ax80	5290	Ant4	5150	-57.38	3.59	0	41.47	Average	54	Pass

Test Graphs

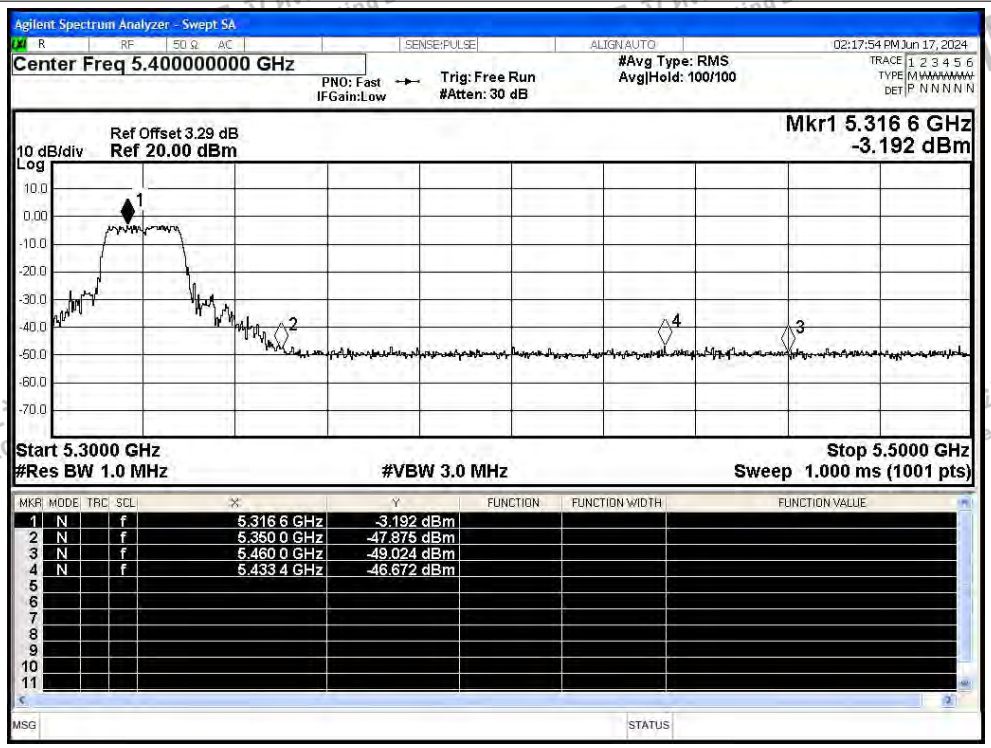
Restrict Band NVNT a 5260MHz Ant4 Peak



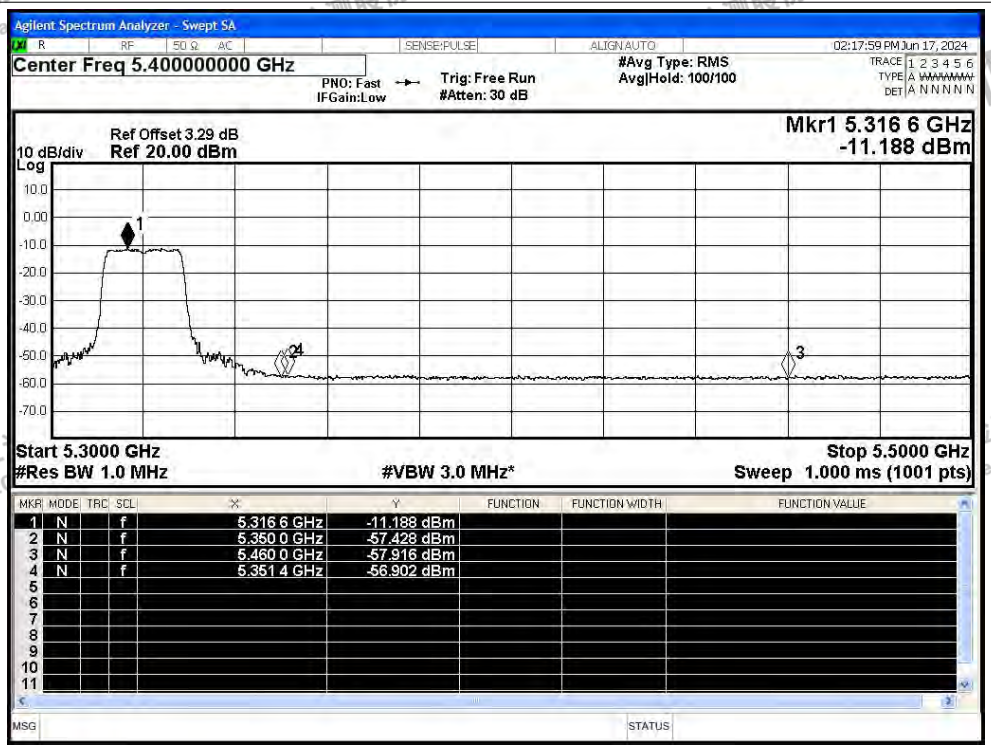
Restrict Band NVNT a 5260MHz Ant4 Average



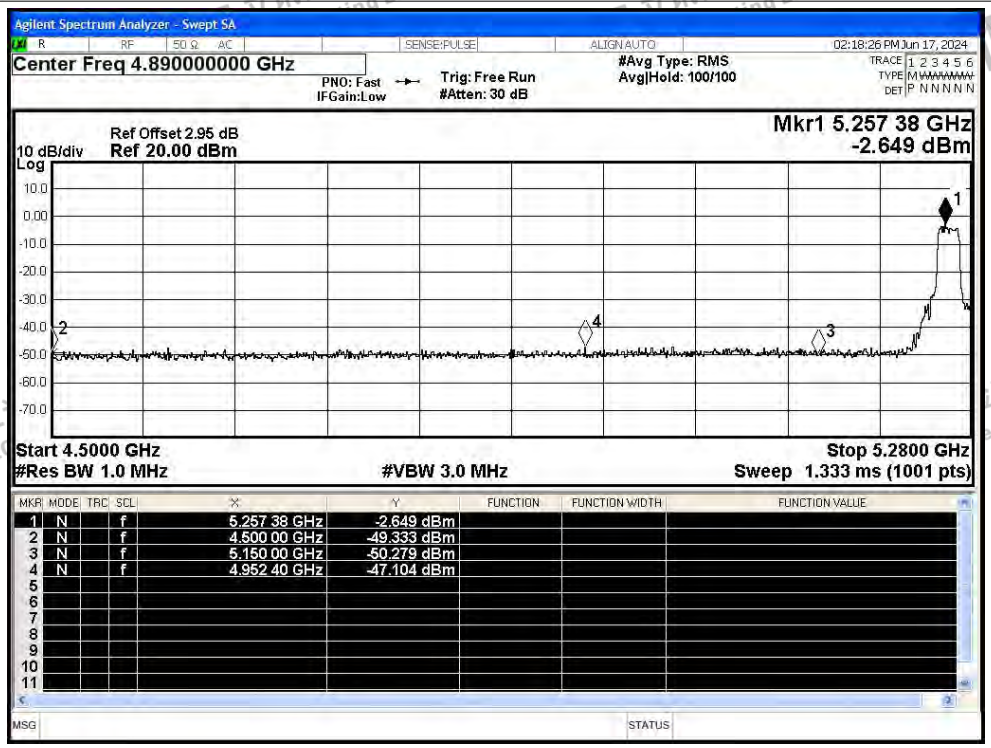
Restrict Band NVNT a 5320MHz Ant4 Peak



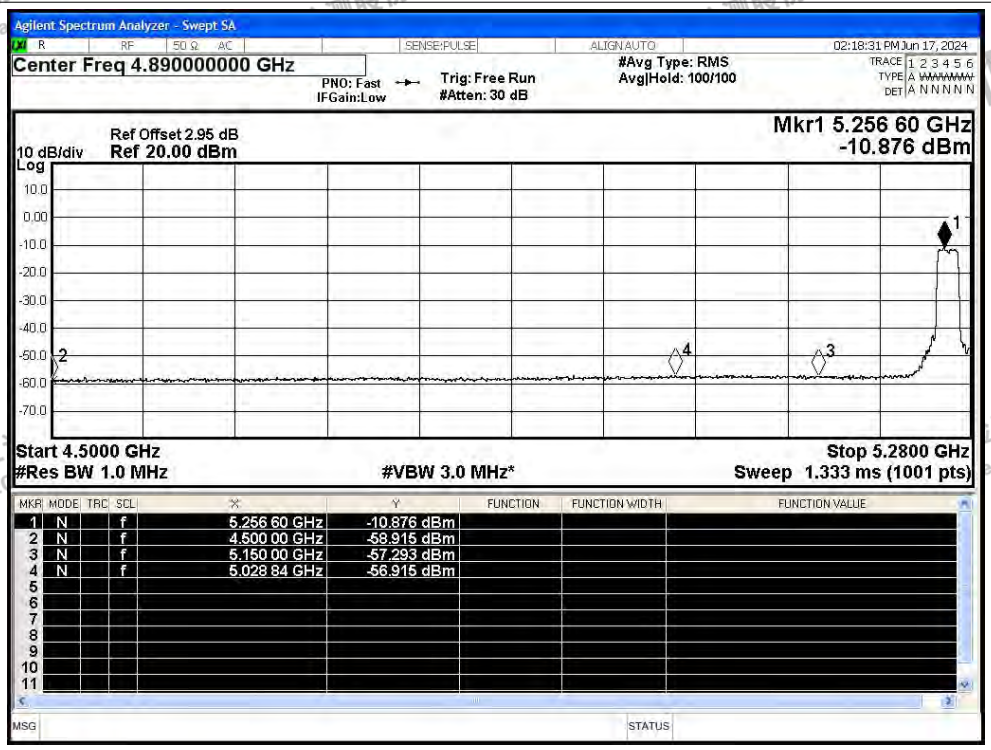
Restrict Band NVNT a 5320MHz Ant4 Average



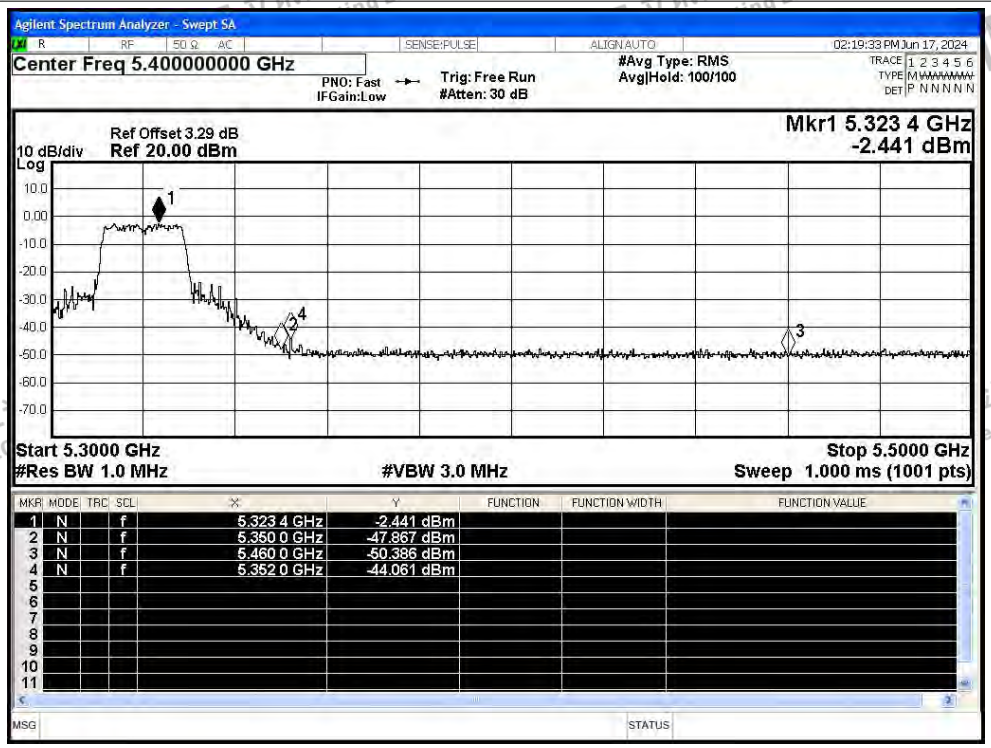
Restrict Band NVNT n20 5260MHz Ant4 Peak



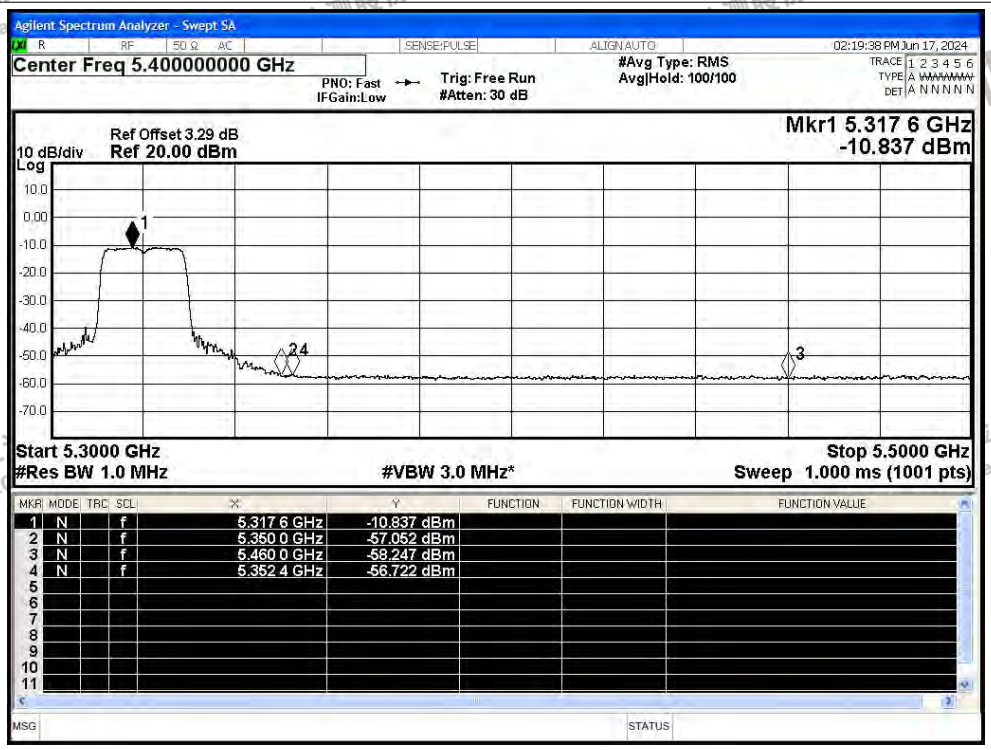
Restrict Band NVNT n20 5260MHz Ant4 Average



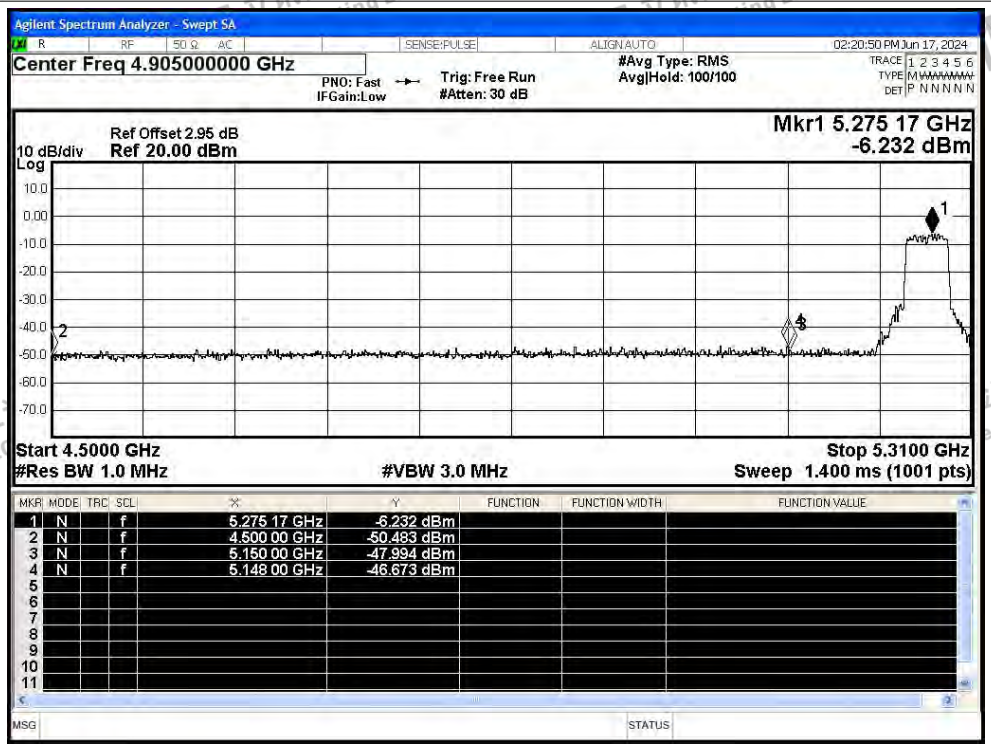
Restrict Band NVNT n20 5320MHz Ant4 Peak



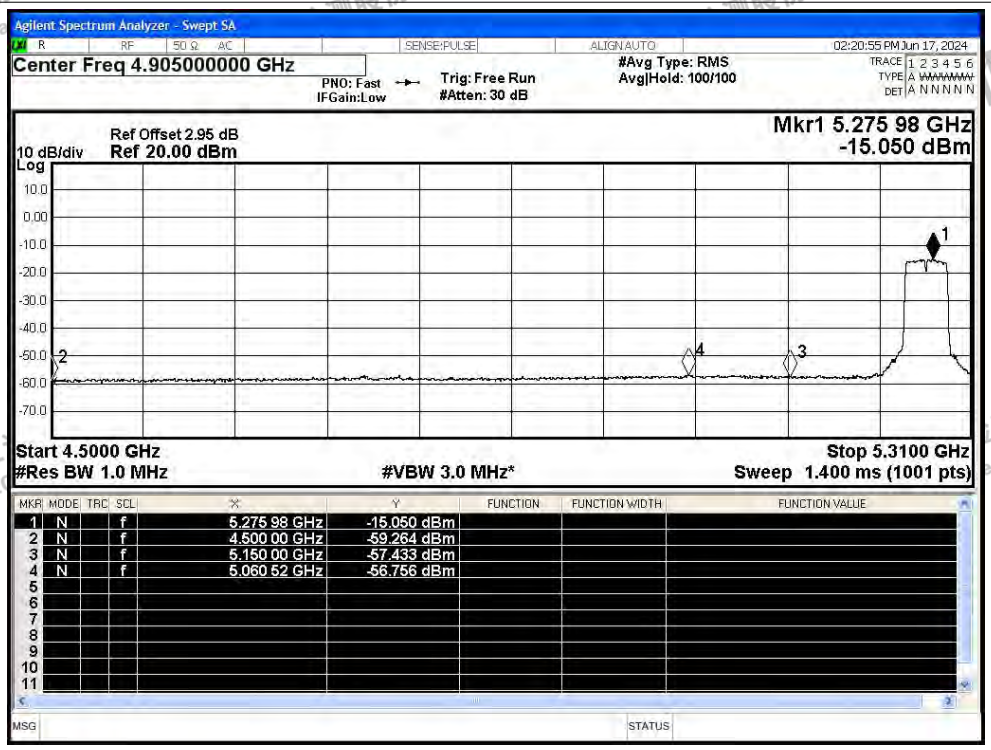
Restrict Band NVNT n20 5320MHz Ant4 Average



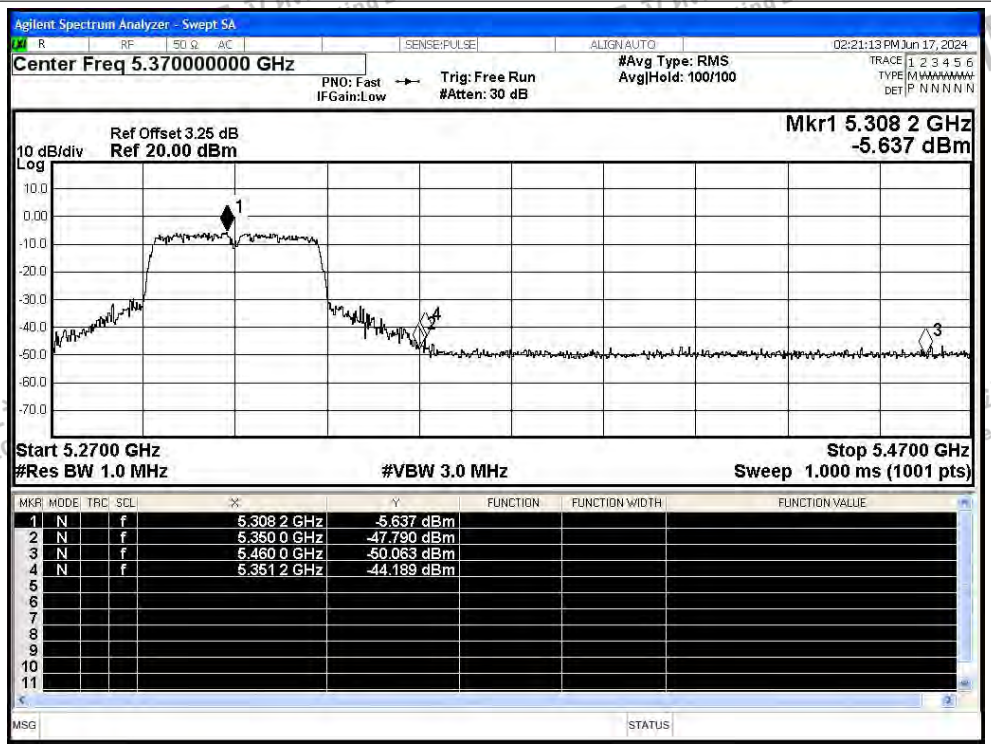
Restrict Band NVNT n40 5270MHz Ant4 Peak



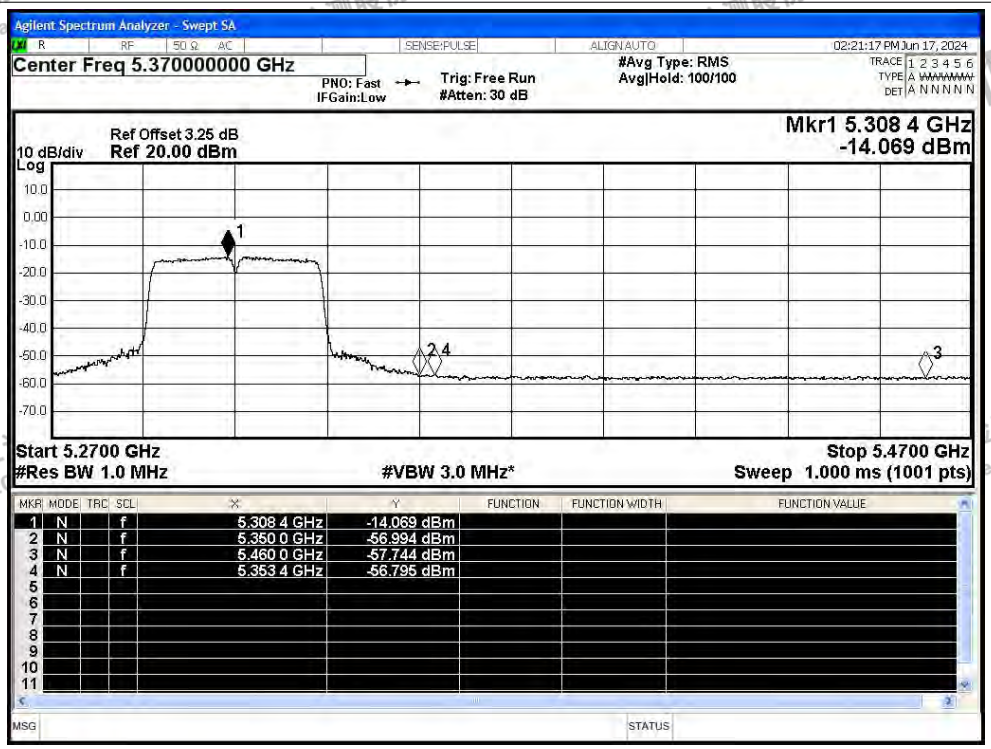
Restrict Band NVNT n40 5270MHz Ant4 Average



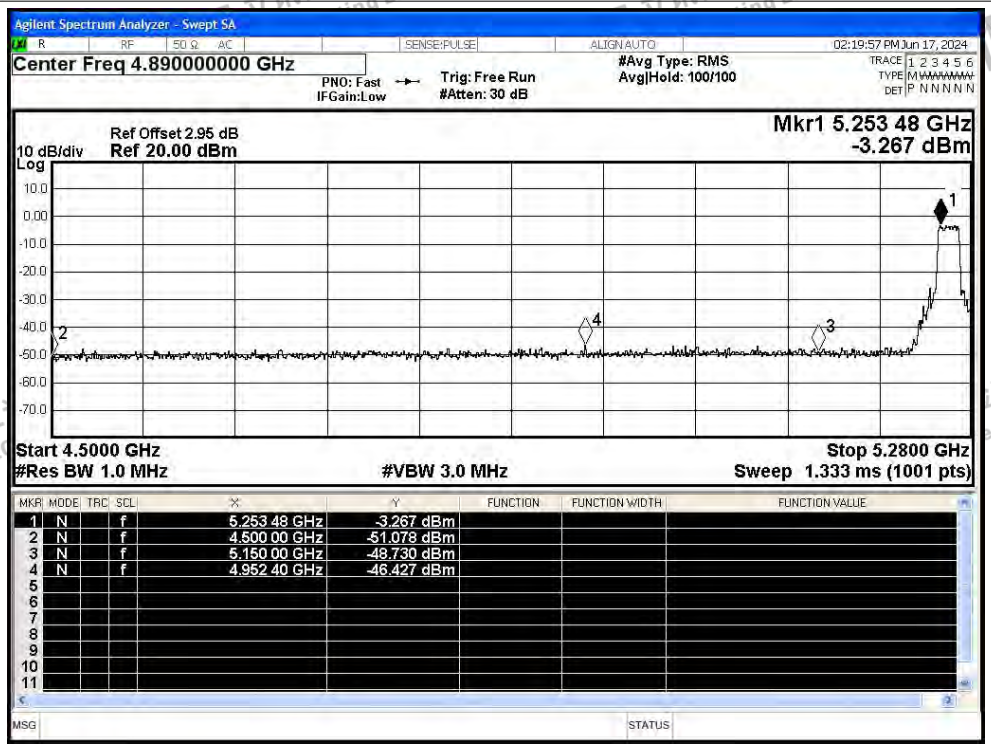
Restrict Band NVNT n40 5310MHz Ant4 Peak



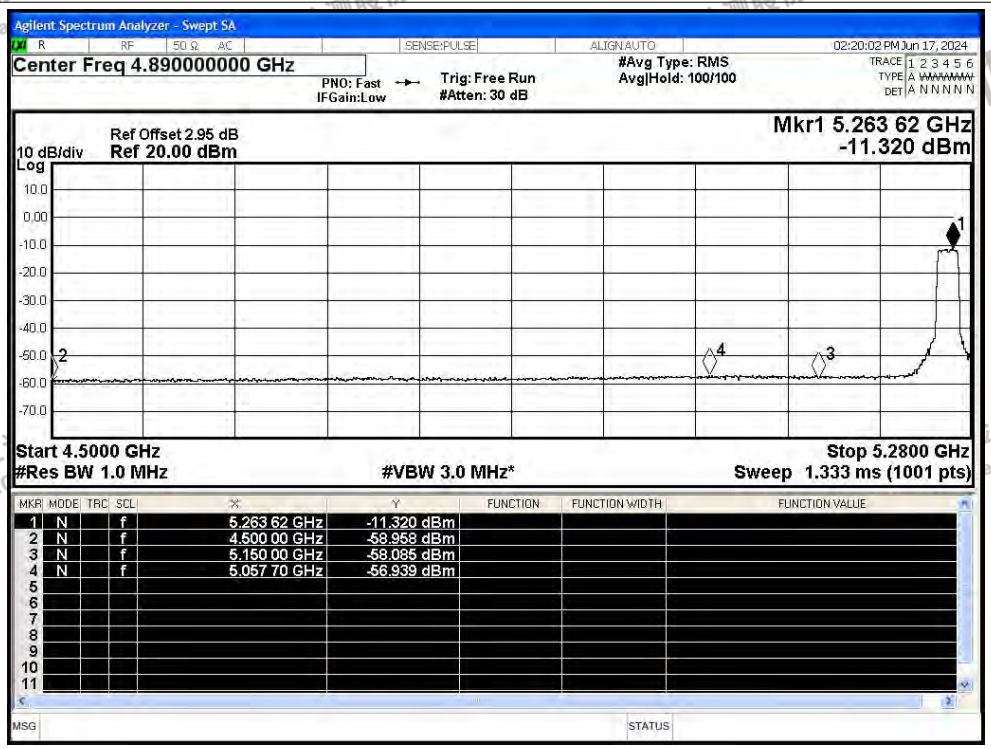
Restrict Band NVNT n40 5310MHz Ant4 Average



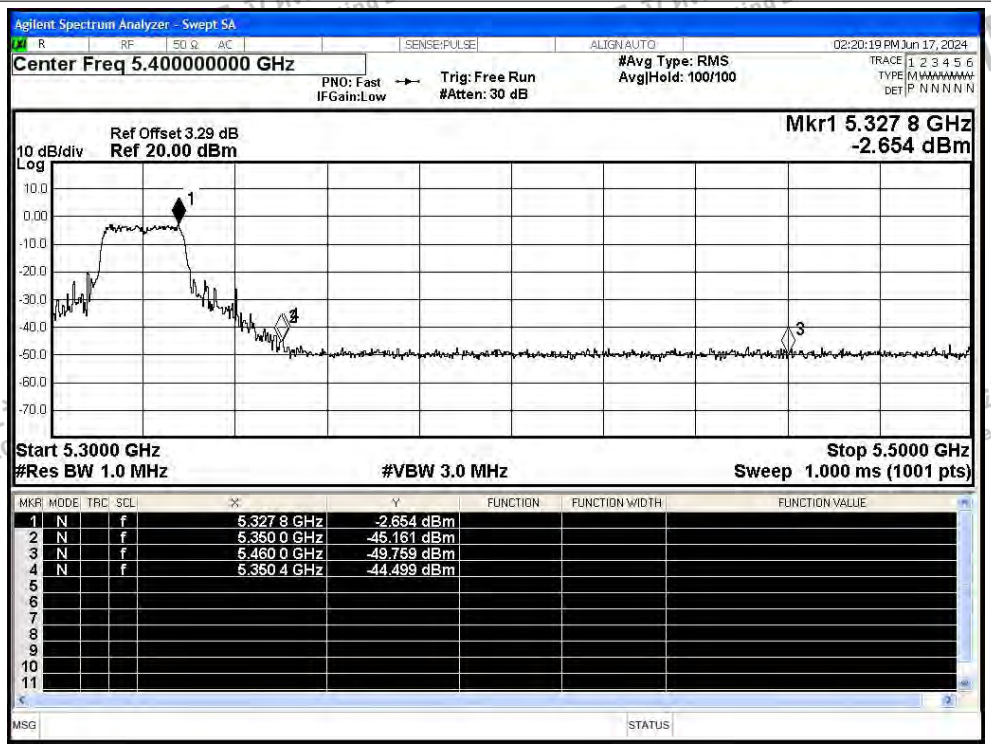
Restrict Band NVNT ac20 5260MHz Ant4 Peak



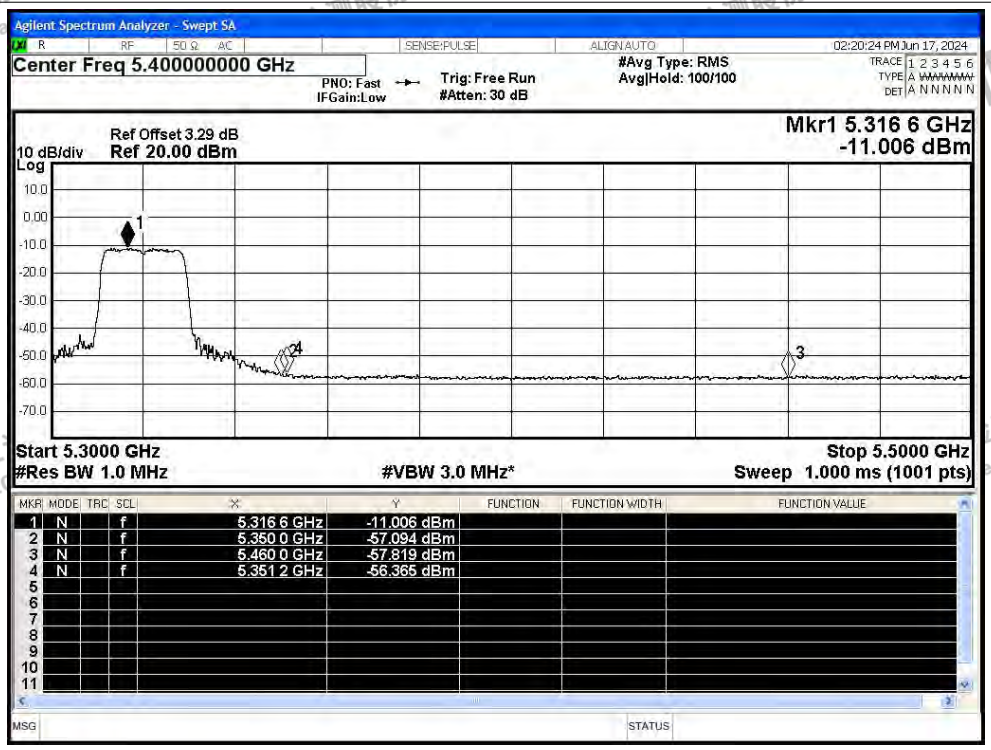
Restrict Band NVNT ac20 5260MHz Ant4 Average



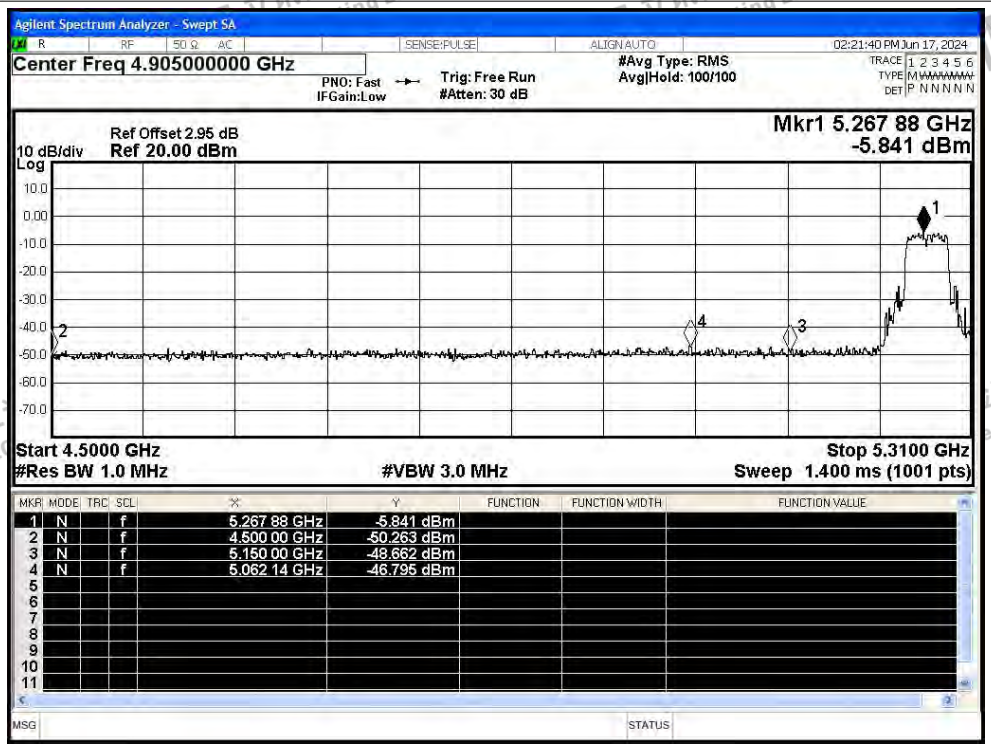
Restrict Band NVNT ac20 5320MHz Ant4 Peak



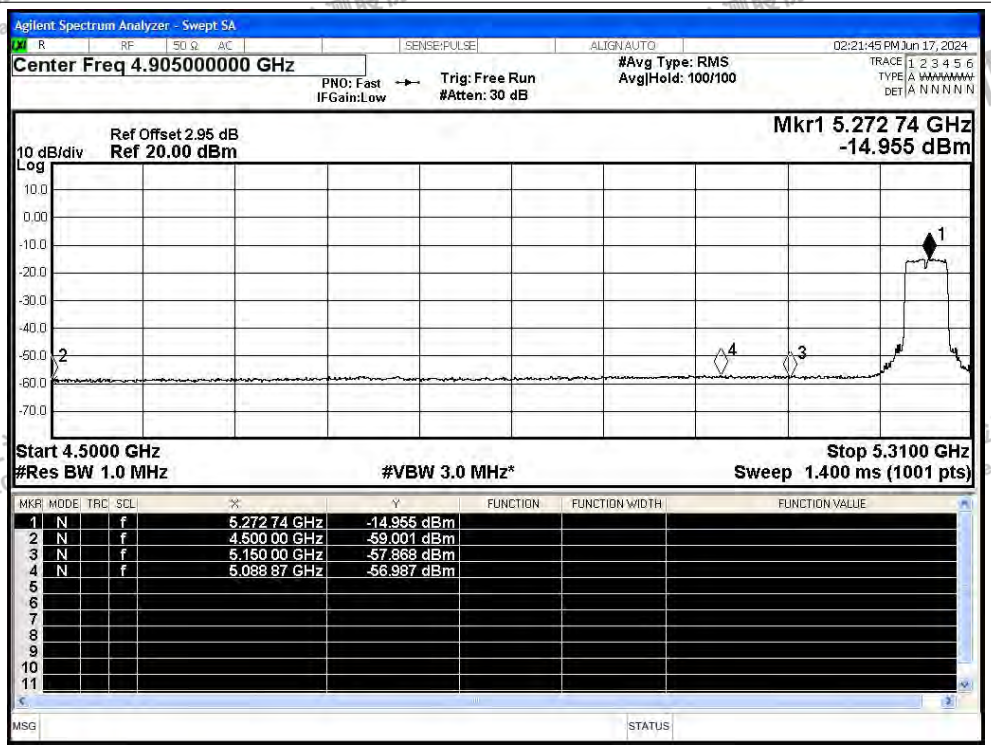
Restrict Band NVNT ac20 5320MHz Ant4 Average



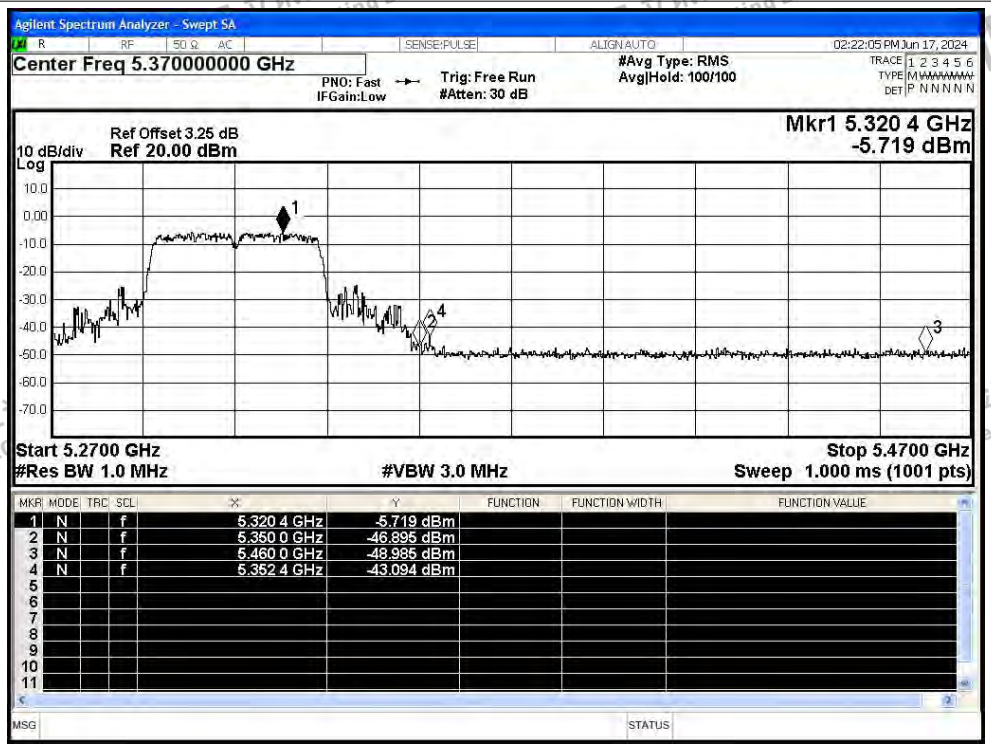
Restrict Band NVNT ac40 5270MHz Ant4 Peak



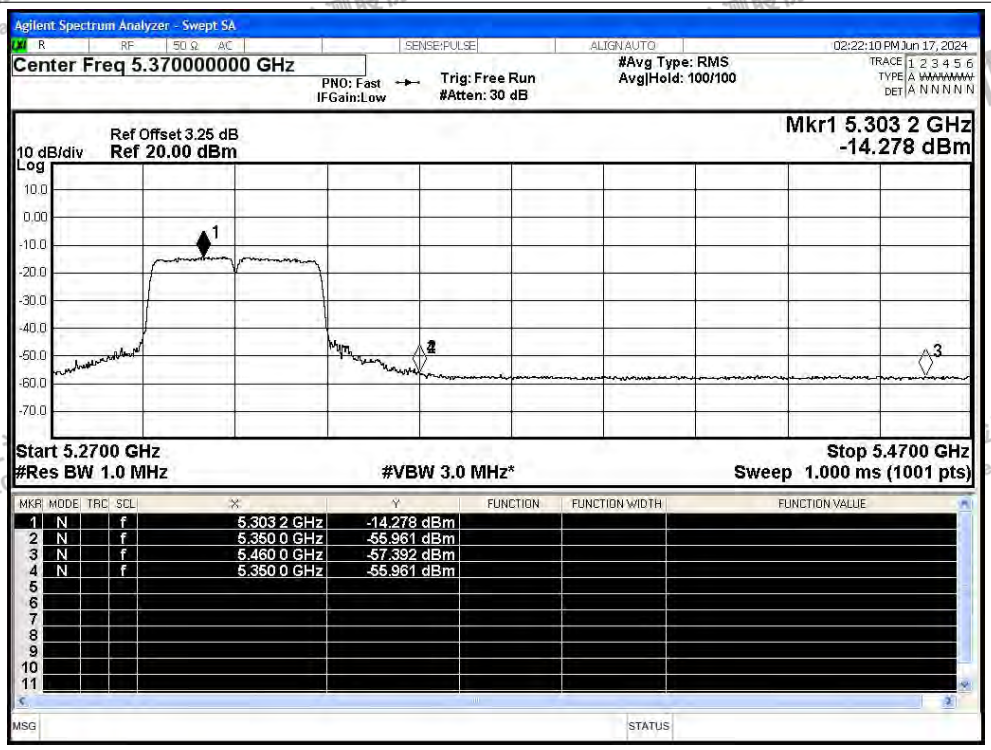
Restrict Band NVNT ac40 5270MHz Ant4 Average



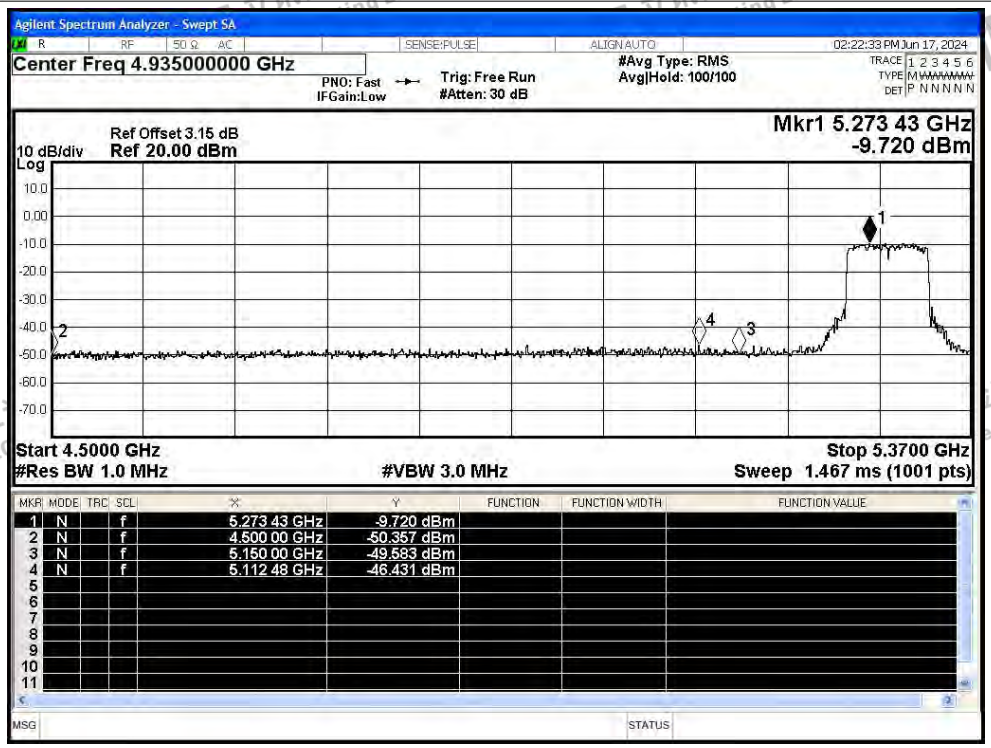
Restrict Band NVNT ac40 5310MHz Ant4 Peak



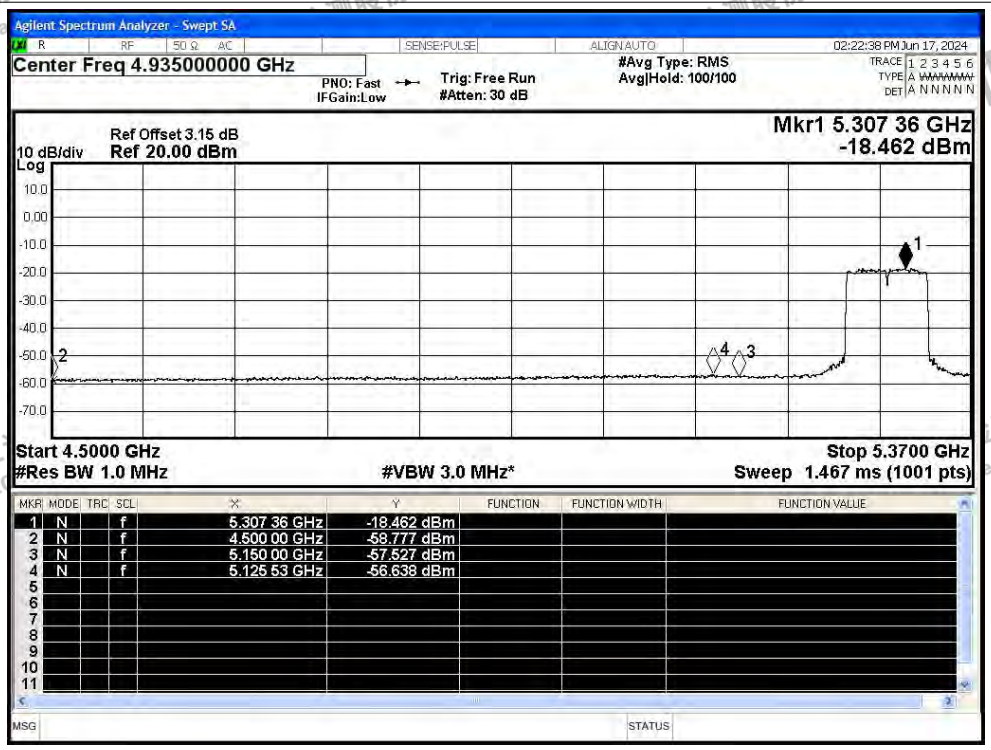
Restrict Band NVNT ac40 5310MHz Ant4 Average



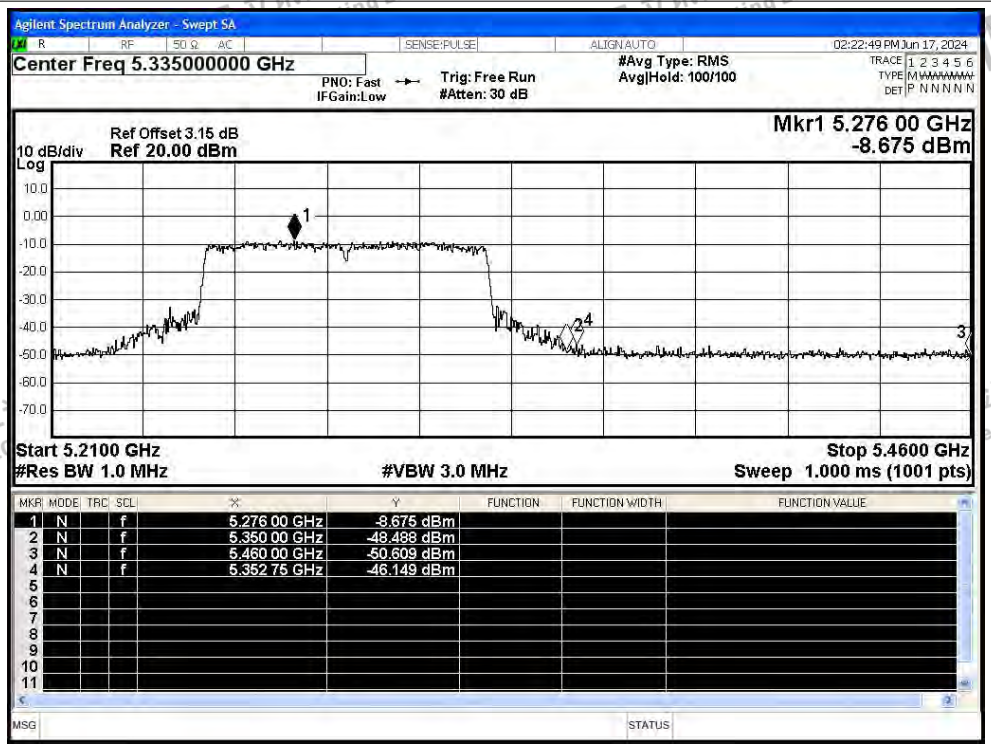
Restrict Band NVNT ac80 5290MHz Ant4 Peak



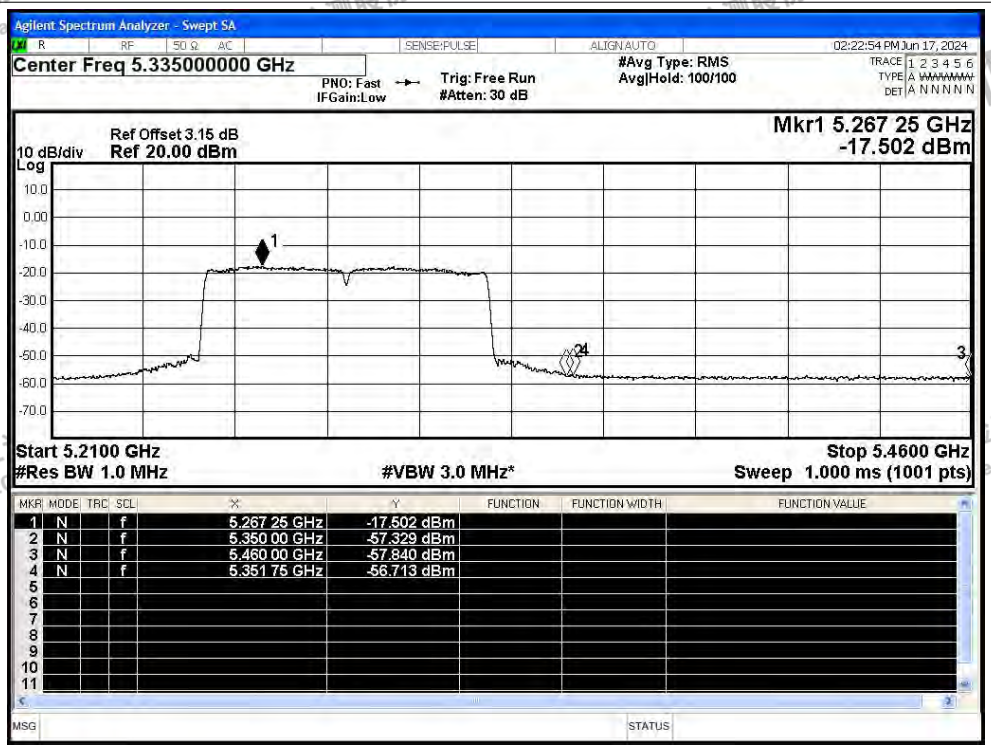
Restrict Band NVNT ac80 5290MHz Ant4 Average



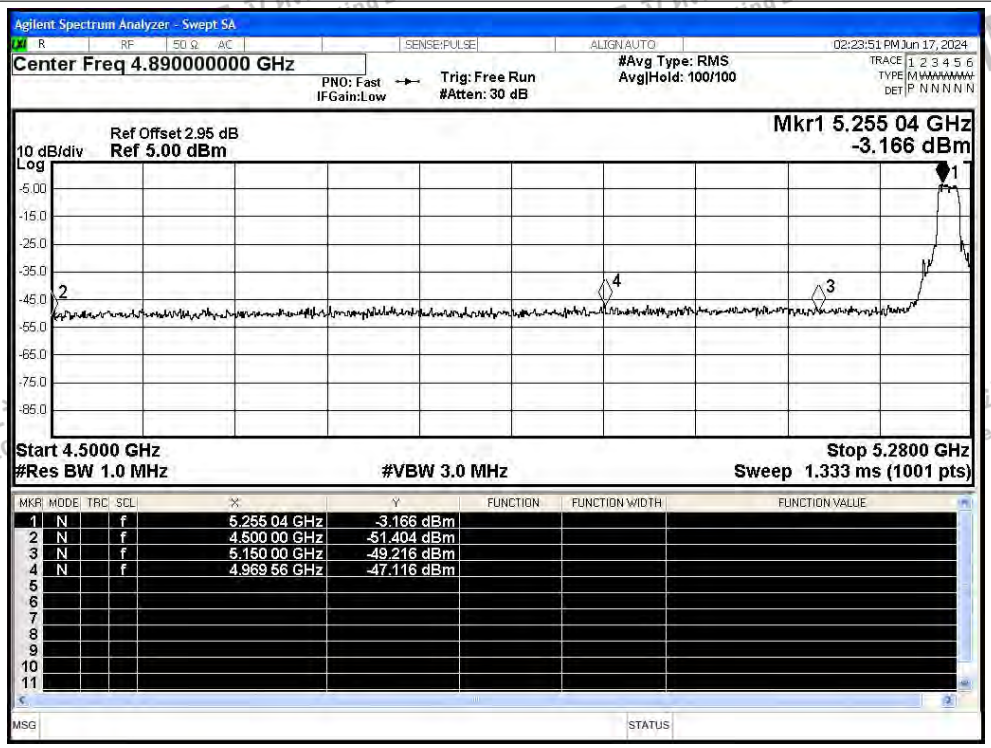
Restrict Band NVNT ac80 5290MHz Ant4 Peak



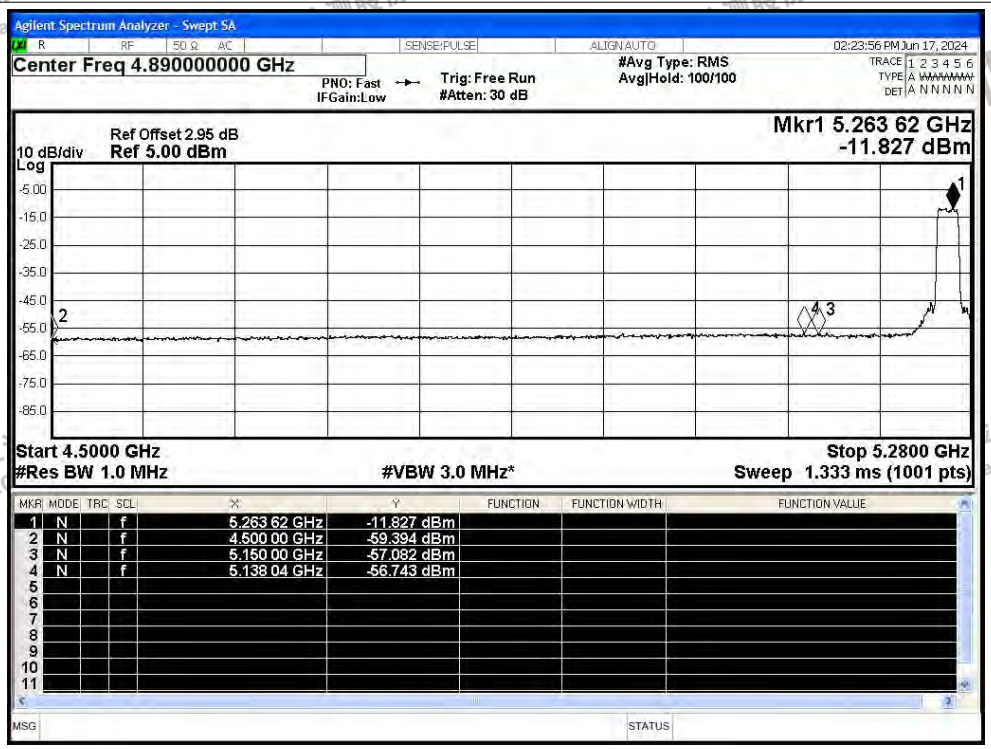
Restrict Band NVNT ac80 5290MHz Ant4 Average



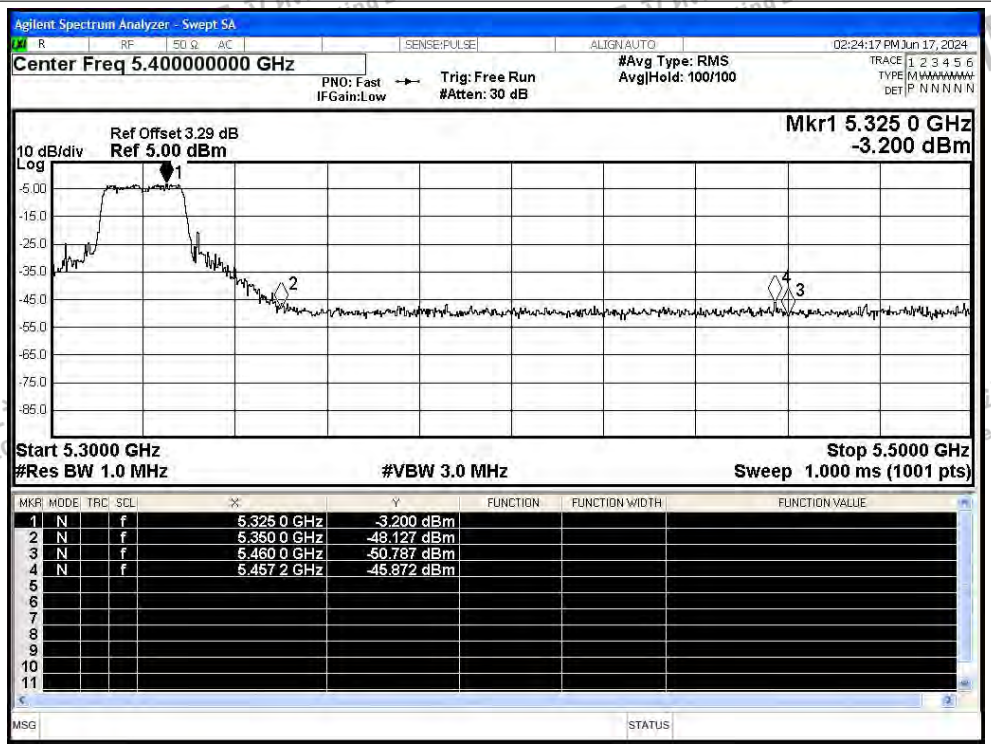
Restrict Band NVNT ax20 5260MHz Ant4 Peak



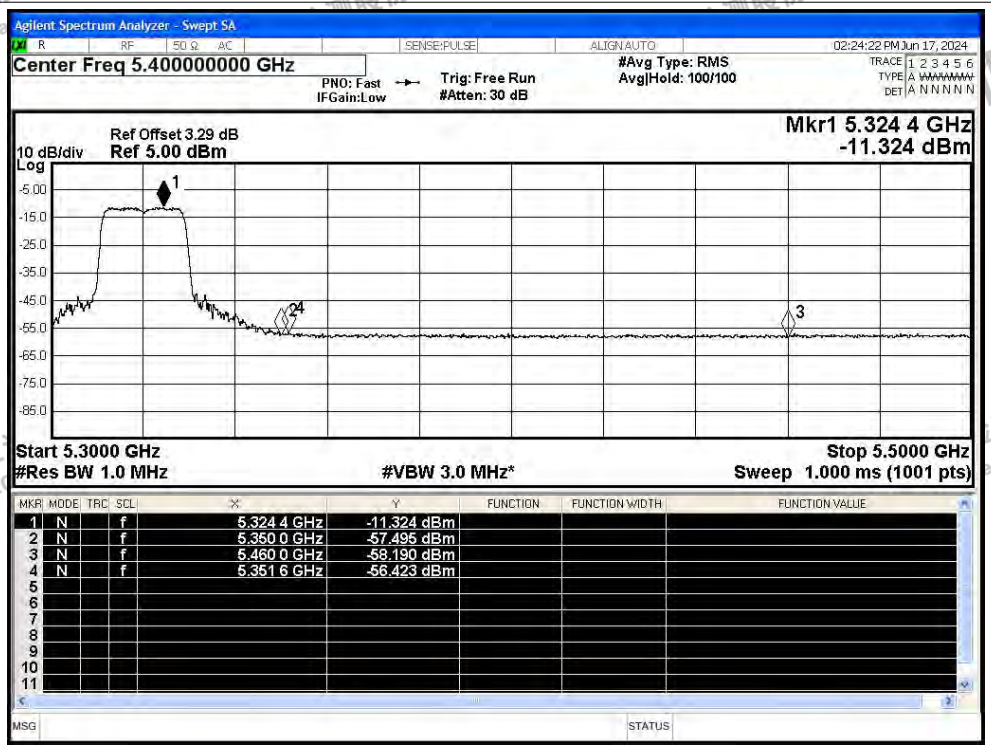
Restrict Band NVNT ax20 5260MHz Ant4 Average



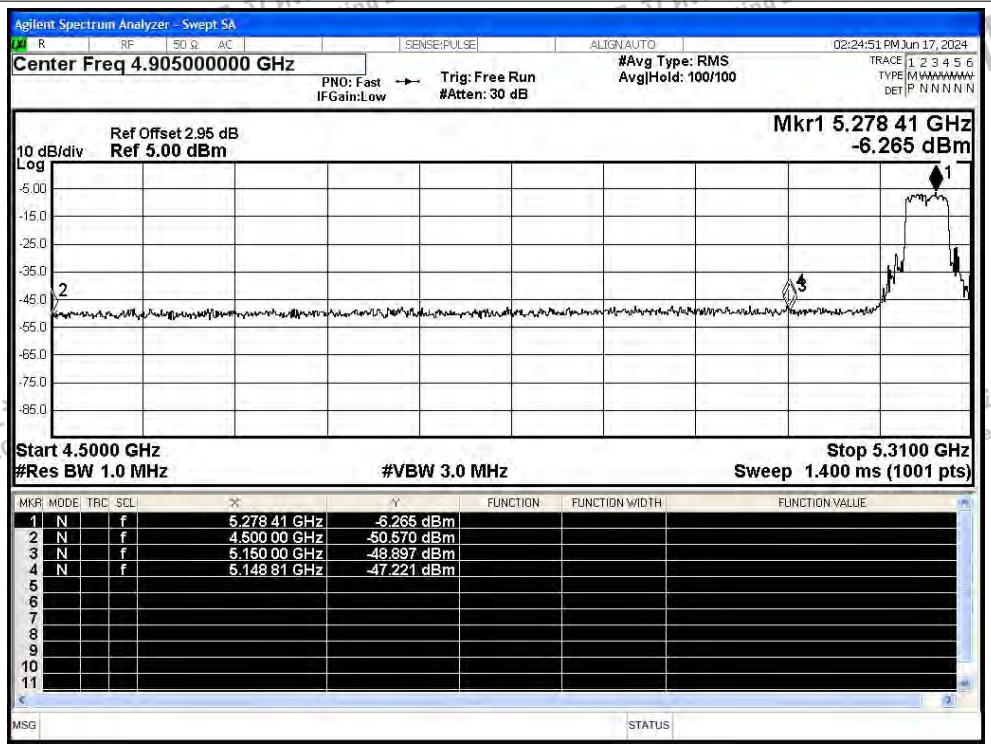
Restrict Band NVNT ax20 5320MHz Ant4 Peak



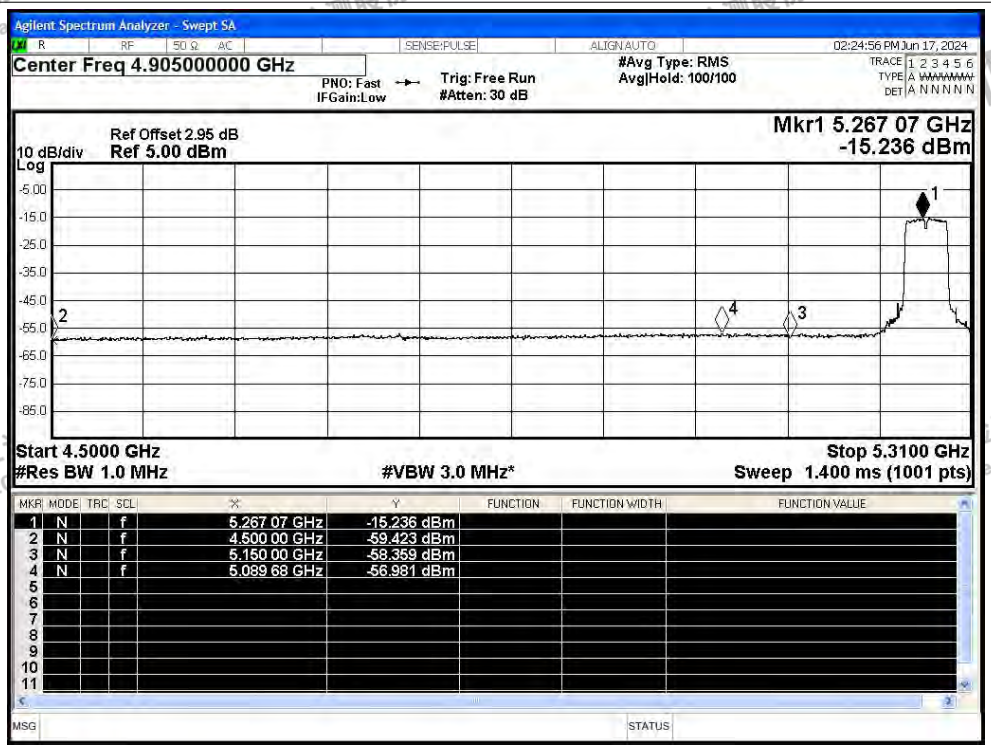
Restrict Band NVNT ax20 5320MHz Ant4 Average



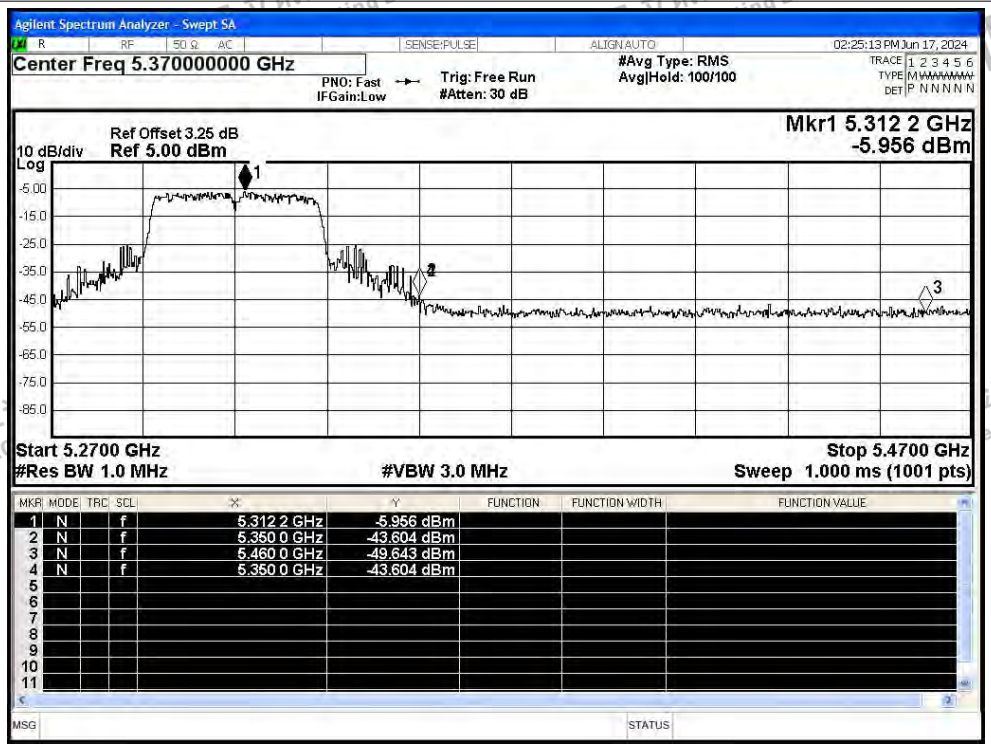
Restrict Band NVNT ax40 5270MHz Ant4 Peak



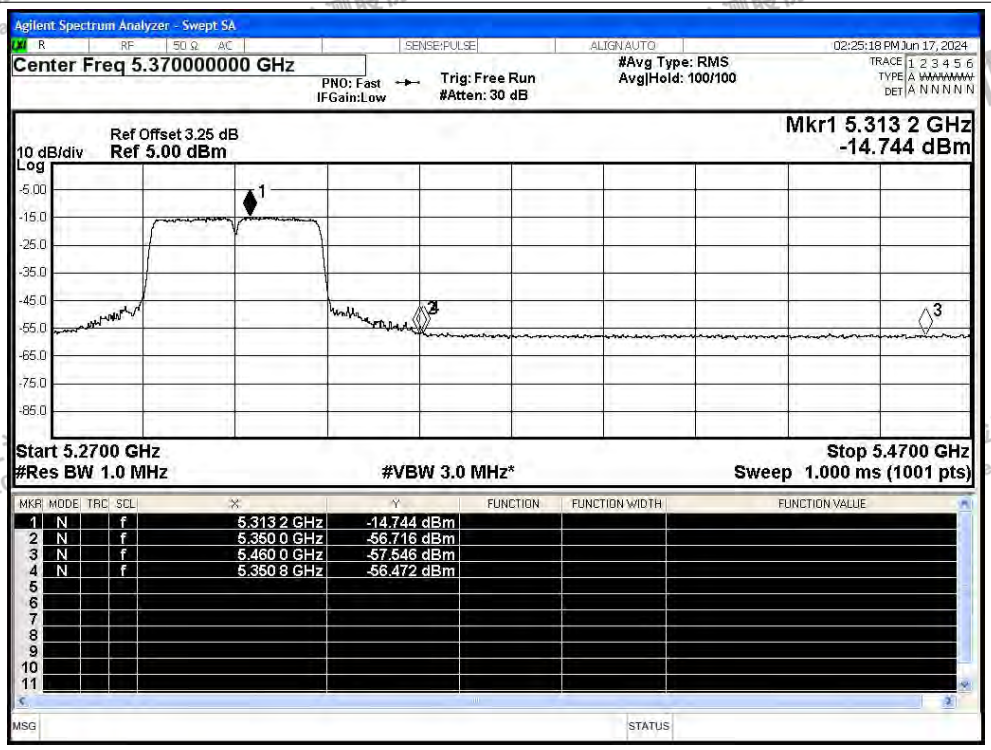
Restrict Band NVNT ax40 5270MHz Ant4 Average



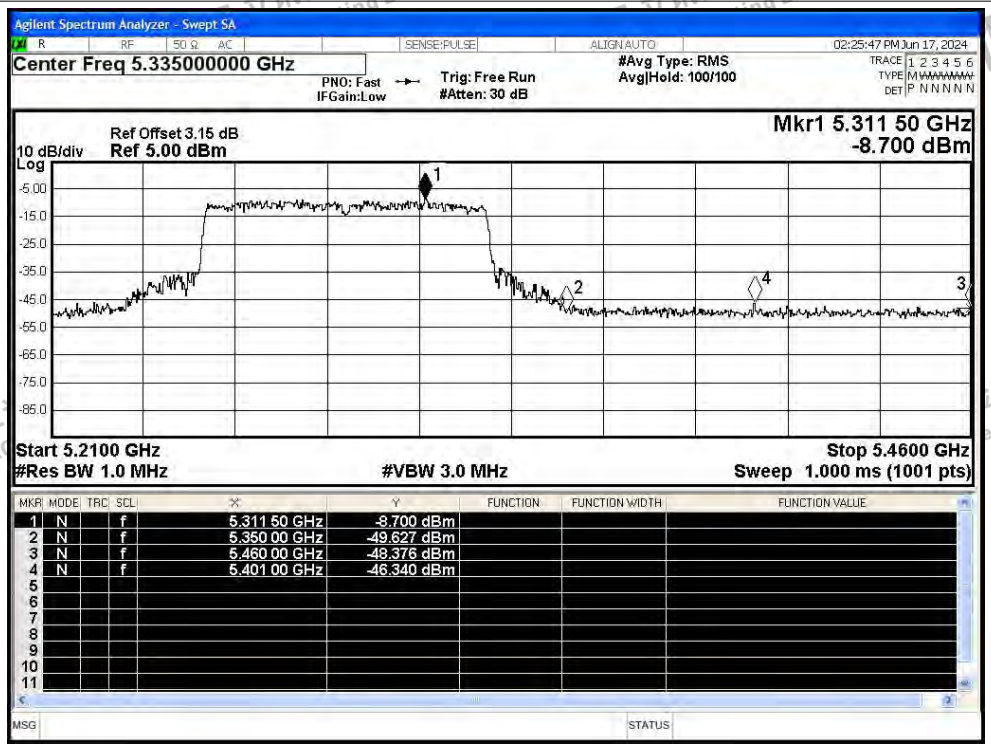
Restrict Band NVNT ax40 5310MHz Ant4 Peak



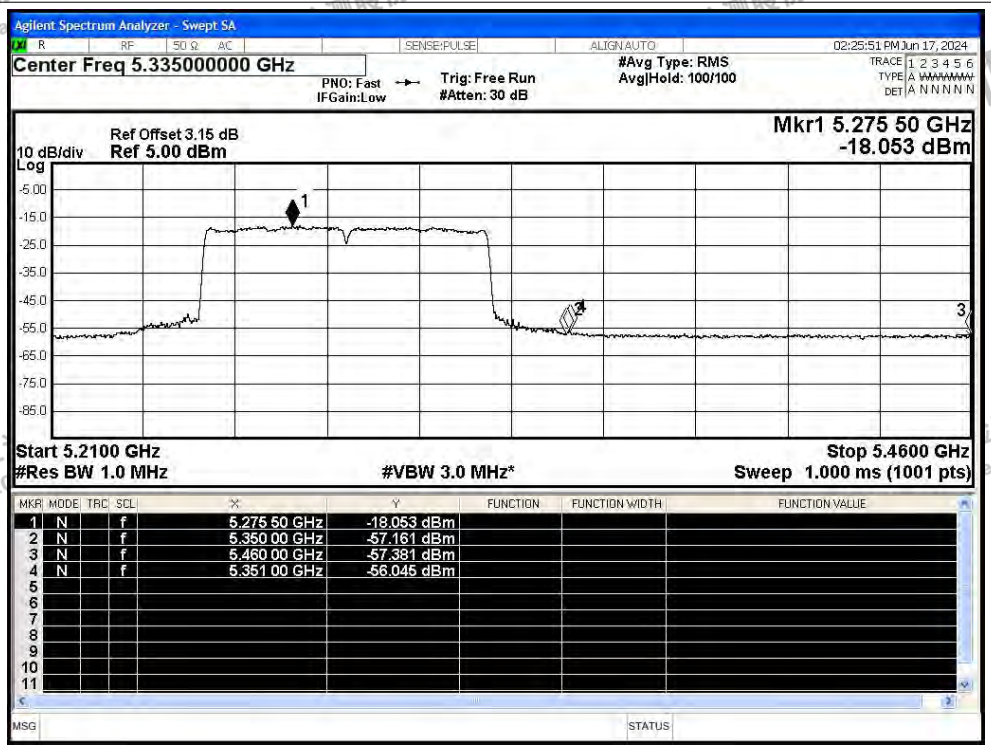
Restrict Band NVNT ax40 5310MHz Ant4 Average



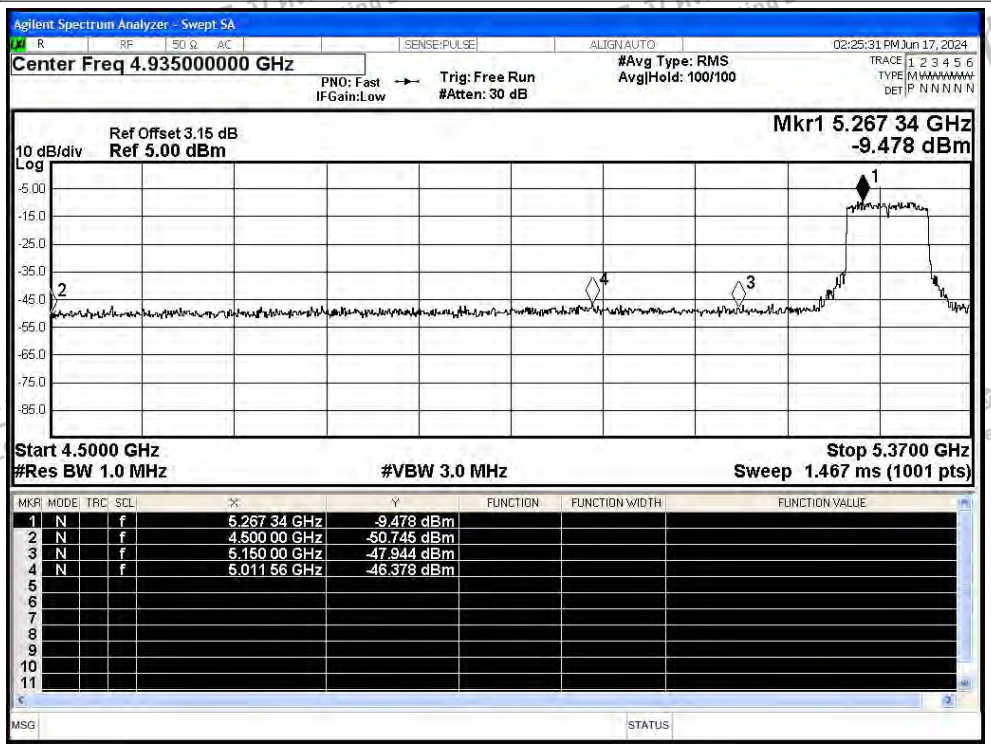
Restrict Band NVNT ax80 5290MHz Ant4 Peak



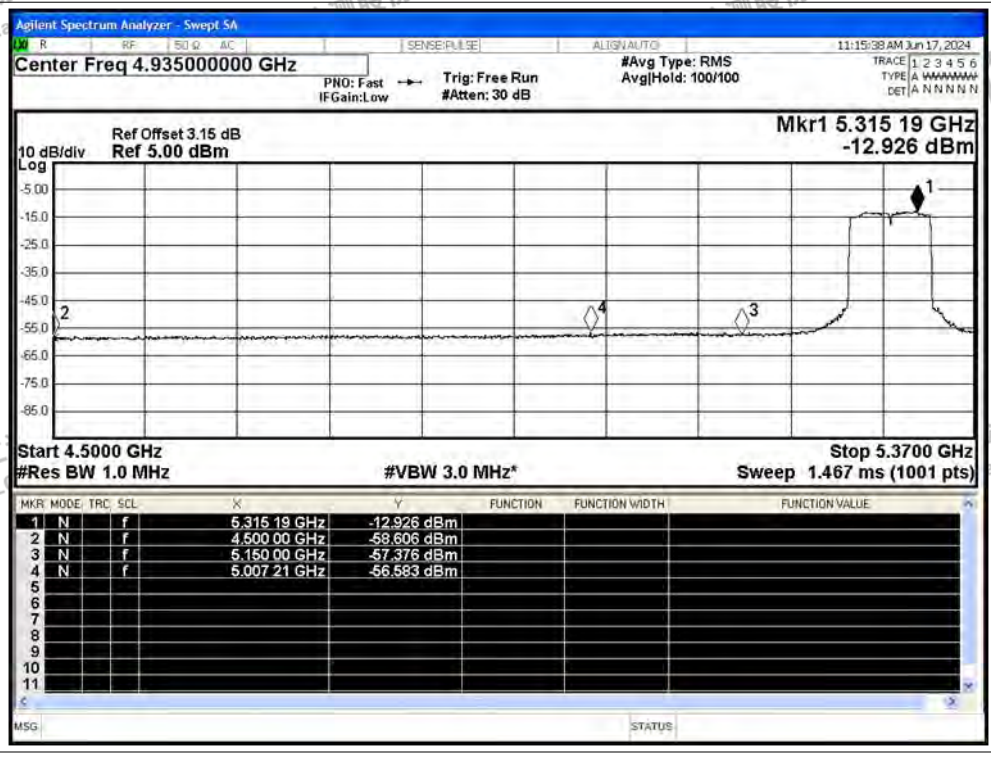
Restrict Band NVNT ax80 5290MHz Ant4 Average



Restrict Band NVNT ax80 5290MHz Ant4 Peak



Restrict Band NVNT ax80 5290MHz Ant4 Average



Ant2+Ant3+Ant4:

Condition	Mode	Frequency (MHz)	Spur Freq (MHz)	Ant2 Power (dBm)	Ant3 Power (dBm)	Ant4 Power (dBm)	Ant2+Ant3+ Ant4	Gain (dBi)	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
NVNT	n20	5260	4500	-48.65	-49.77	-49.33	-44.45	8.36	59.14	Peak	68.2	Pass
NVNT	n20	5260	4500	-58.97	-59.57	-58.92	-54.37	8.36	49.22	Average	54	Pass
NVNT	n20	5260	4773.78	-44.46	-46.49	-47.1	-41.09	8.36	62.50	Peak	68.2	Pass
NVNT	n20	5260	4772.22	-54.08	-56.14	-56.92	-50.77	8.36	52.82	Average	54	Pass
NVNT	n20	5260	5150	-47.92	-49.85	-50.28	-44.45	8.36	59.14	Peak	68.2	Pass
NVNT	n20	5260	5150	-57.21	-57.24	-57.29	-52.48	8.36	51.11	Average	54	Pass
NVNT	n20	5320	5350	-45.03	-45.2	-47.87	-41.08	8.36	62.51	Peak	68.2	Pass
NVNT	n20	5320	5350	-55.11	-54.08	-57.05	-50.47	8.36	53.12	Average	54	Pass
NVNT	n20	5320	5352.4	-40.28	-38.88	-44.06	-35.81	8.36	67.78	Peak	68.2	Pass
NVNT	n20	5320	5350	-55.11	-52.79	-56.72	-49.8	8.36	53.79	Average	54	Pass
NVNT	n20	5320	5460	-47.26	-49.14	-50.39	-43.97	8.36	59.62	Peak	68.2	Pass
NVNT	n20	5320	5460	-58.11	-58.23	-58.25	-53.43	8.36	50.16	Average	54	Pass
NVNT	n40	5270	4500	-51.92	-51.05	-50.48	-46.34	8.36	57.25	Peak	68.2	Pass
NVNT	n40	5270	4500	-59.33	-59.61	-59.26	-54.63	8.36	48.96	Average	54	Pass
NVNT	n40	5270	4806.99	-41.49	-45.97	-46.67	-39.29	8.36	64.30	Peak	68.2	Pass
NVNT	n40	5270	4806.99	-50.7	-54.7	-56.76	-49.74	8.36	53.85	Average	54	Pass
NVNT	n40	5270	5150	-49.39	-49.11	-47.99	-44.02	8.36	59.57	Peak	68.2	Pass
NVNT	n40	5270	5150	-57.41	-57.01	-57.43	-52.51	8.36	51.08	Average	54	Pass
NVNT	n40	5310	5350	-43.23	-41.52	-47.79	-38.71	8.36	64.88	Peak	68.2	Pass
NVNT	n40	5310	5350	-53.83	-52.88	-56.99	-49.67	8.36	53.92	Average	54	Pass
NVNT	n40	5310	5350.4	-38.84	-36.79	-44.19	-35.62	8.36	67.97	Peak	68.2	Pass
NVNT	n40	5310	5351.4	-52.75	-52.44	-56.8	-49.62	8.36	53.97	Average	54	Pass
NVNT	n40	5310	5460	-49.33	-50.38	-50.06	-45.13	8.36	58.46	Peak	68.2	Pass
NVNT	n40	5310	5460	-57.83	-57.43	-57.74	-52.89	8.36	50.70	Average	54	Pass
NVNT	ac20	5260	4500	-50.75	-51.33	-51.08	-46.28	8.36	57.31	Peak	68.2	Pass
NVNT	ac20	5260	4500	-59.45	-59.5	-58.96	-54.53	8.36	49.06	Average	54	Pass
NVNT	ac20	5260	4787.82	-44.33	-46.95	-46.43	-40.98	8.36	62.61	Peak	68.2	Pass
NVNT	ac20	5260	4787.82	-53.36	-56.39	-56.94	-50.49	8.36	53.10	Average	54	Pass
NVNT	ac20	5260	5150	-49.32	-48.55	-48.73	-44.08	8.36	59.51	Peak	68.2	Pass
NVNT	ac20	5260	5150	-57.13	-57	-58.09	-52.61	8.36	50.98	Average	54	Pass
NVNT	ac20	5320	5350	-39.6	-40.44	-45.16	-36.37	8.36	67.22	Peak	68.2	Pass
NVNT	ac20	5320	5350	-54.41	-53.35	-57.09	-49.91	8.36	53.68	Average	54	Pass
NVNT	ac20	5320	5350.8	-37.94	-33.56	-44.5	-35.46	8.36	68.13	Peak	68.2	Pass
NVNT	ac20	5320	5351.4	-54.36	-52.32	-56.37	-49.61	8.36	53.98	Average	54	Pass
NVNT	ac20	5320	5460	-49.54	-50.26	-49.76	-45.07	8.36	58.52	Peak	68.2	Pass
NVNT	ac20	5320	5460	-58.05	-58.02	-57.82	-53.19	8.36	50.40	Average	54	Pass
NVNT	ac40	5270	4500	-50.31	-50	-50.26	-45.42	8.36	58.17	Peak	68.2	Pass

NVNT	ac40	5270	4500	-59.31	-59.17	-59	-54.39	8.36	49.20	Average	54	Pass
NVNT	ac40	5270	4806.99	-43.71	-44.56	-46.8	-40.07	8.36	63.52	Peak	68.2	Pass
NVNT	ac40	5270	4806.99	-52.42	-54.06	-56.99	-49.64	8.36	53.95	Average	54	Pass
NVNT	ac40	5270	5150	-49.95	-48.58	-48.66	-44.25	8.36	59.34	Peak	68.2	Pass
NVNT	ac40	5270	5150	-57.89	-57.01	-57.87	-52.8	8.36	50.79	Average	54	Pass
NVNT	ac40	5310	5350	-44.72	-38.49	-46.9	-37.08	8.36	66.51	Peak	68.2	Pass
NVNT	ac40	5310	5350	-55.7	-52.34	-55.96	-49.66	8.36	53.93	Average	54	Pass
NVNT	ac40	5310	5350.2	-43.25	-51.09	-43.09	-39.82	8.36	63.77	Peak	68.2	Pass
NVNT	ac40	5310	5350.2	-55.58	-57.75	-55.96	-51.56	8.36	52.03	Average	54	Pass
NVNT	ac40	5310	5460	-50.72	-38.49	-48.99	-37.89	8.36	65.70	Peak	68.2	Pass
NVNT	ac40	5310	5460	-57.73	-52.34	-57.39	-50.29	8.36	53.30	Average	54	Pass
NVNT	ac80	5290	4500	-52.04	-51.17	-50.36	-46.36	8.36	57.23	Peak	68.2	Pass
NVNT	ac80	5290	4500	-59.05	-58.8	-58.78	-54.1	8.36	49.49	Average	54	Pass
NVNT	ac80	5290	5133.36	-46.23	-46.31	-46.43	-41.55	8.36	62.04	Peak	68.2	Pass
NVNT	ac80	5290	5146.41	-56.21	-56.69	-56.64	-51.74	8.36	51.85	Average	54	Pass
NVNT	ac80	5290	5150	-48.76	-49	-49.58	-44.33	8.36	59.26	Peak	68.2	Pass
NVNT	ac80	5290	5150	-56.35	-57.08	-57.53	-52.19	8.36	51.40	Average	54	Pass
NVNT	ac80	5290	5350	-43.31	-42.03	-48.49	-39.08	8.36	64.51	Peak	68.2	Pass
NVNT	ac80	5290	5350	-54.89	-53.43	-57.33	-50.16	8.36	53.43	Average	54	Pass
NVNT	ac80	5290	5351	-40.28	-40.53	-46.15	-36.85	8.36	66.74	Peak	68.2	Pass
NVNT	ac80	5290	5350	-54.89	-52.8	-56.71	-49.74	8.36	53.85	Average	54	Pass
NVNT	ac80	5290	5460	-50.05	-47.33	-50.61	-44.31	8.36	59.28	Peak	68.2	Pass
NVNT	ac80	5290	5460	-58.38	-57.63	-57.84	-53.17	8.36	50.42	Average	54	Pass
NVNT	ax20	5260	4500	-50.18	-51.18	-51.4	-46.12	8.36	57.47	Peak	68.2	Pass
NVNT	ax20	5260	4500	-59.4	-59.38	-59.39	-54.62	8.36	48.97	Average	54	Pass
NVNT	ax20	5260	4773	-45.06	-46.74	-47.12	-41.44	8.36	62.15	Peak	68.2	Pass
NVNT	ax20	5260	4787.82	-53.63	-56.51	-56.74	-50.61	8.36	52.98	Average	54	Pass
NVNT	ax20	5260	5150	-49.95	-48.59	-49.22	-44.45	8.36	59.14	Peak	68.2	Pass
NVNT	ax20	5260	5150	-57.06	-56.56	-57.08	-52.12	8.36	51.47	Average	54	Pass
NVNT	ax20	5320	5350	-42.8	-36.53	-48.13	-35.47	8.36	68.12	Peak	68.2	Pass
NVNT	ax20	5320	5350	-53.38	-51.86	-57.5	-49.83	8.36	53.76	Average	54	Pass
NVNT	ax20	5320	5350.8	-40.26	-35.71	-45.87	-35.86	8.36	67.73	Peak	68.2	Pass
NVNT	ax20	5320	5350.8	-52.6	-51.72	-56.42	-49.74	8.36	53.85	Average	54	Pass
NVNT	ax20	5320	5460	-48.43	-50.25	-50.79	-44.93	8.36	58.66	Peak	68.2	Pass
NVNT	ax20	5320	5460	-57.47	-57.85	-58.19	-53.06	8.36	50.53	Average	54	Pass
NVNT	ax40	5270	4500	-51.14	-51.72	-50.57	-46.35	8.36	57.24	Peak	68.2	Pass
NVNT	ax40	5270	4500	-58.74	-59.09	-59.42	-54.3	8.36	49.29	Average	54	Pass
NVNT	ax40	5270	4806.18	-42.23	-45.12	-47.22	-39.6	8.36	63.99	Peak	68.2	Pass
NVNT	ax40	5270	4806.99	-51.12	-54.39	-56.98	-49.69	8.36	53.90	Average	54	Pass
NVNT	ax40	5270	5150	-48.96	-48.55	-48.9	-44.03	8.36	59.56	Peak	68.2	Pass
NVNT	ax40	5270	5150	-57.54	-57.29	-58.36	-52.94	8.36	50.65	Average	54	Pass

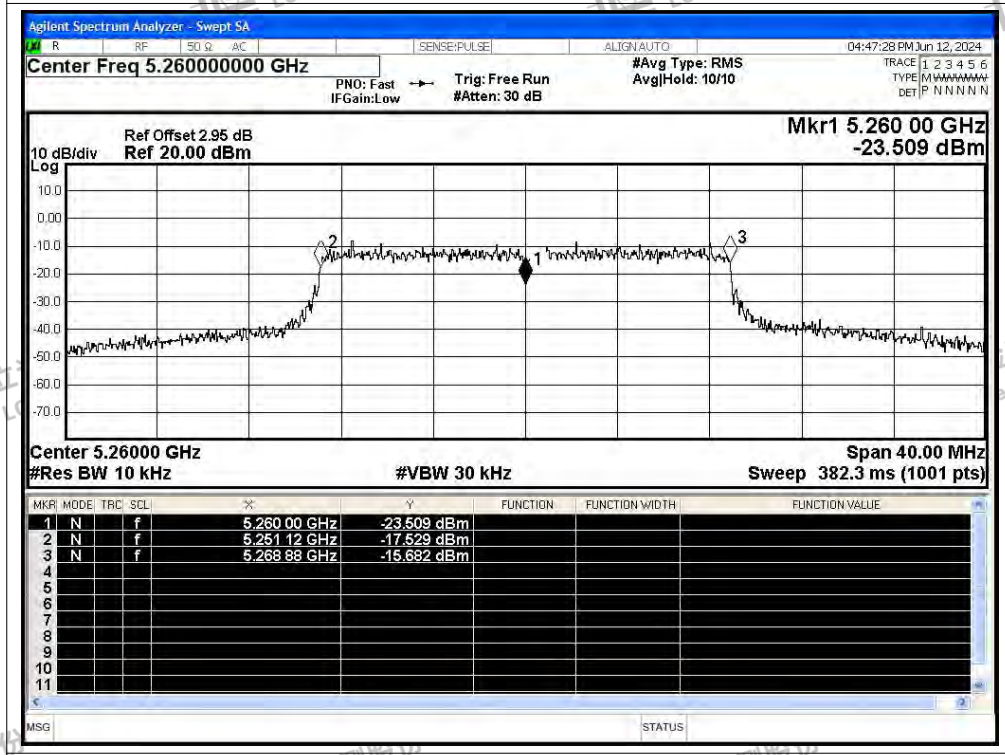
NVNT	ax40	5310	5350	-40.82	-39.85	-43.6	-36.38	8.36	67.21	Peak	68.2	Pass
NVNT	ax40	5310	5350	-55.89	-52.41	-56.72	-49.81	8.36	53.78	Average	54	Pass
NVNT	ax40	5310	5350	-40.82	-36.78	-43.6	-35.43	8.36	68.16	Peak	68.2	Pass
NVNT	ax40	5310	5350.2	-55.35	-52.4	-56.47	-49.62	8.36	53.97	Average	54	Pass
NVNT	ax40	5310	5460	-49.24	-50.72	-49.64	-45.05	8.36	58.54	Peak	68.2	Pass
NVNT	ax40	5310	5460	-58	-57.85	-57.55	-53.02	8.36	50.57	Average	54	Pass
NVNT	ax80	5290	5350	-44.3	-44.06	-49.63	-40.59	8.36	63.00	Peak	68.2	Pass
NVNT	ax80	5290	5350	-54.9	-52.88	-57.16	-49.87	8.36	53.72	Average	54	Pass
NVNT	ax80	5290	5351.25	-42.27	-42.98	-46.34	-38.77	8.36	64.82	Peak	68.2	Pass
NVNT	ax80	5290	5351.25	-54.19	-52.88	-56.05	-49.61	8.36	53.98	Average	54	Pass
NVNT	ax80	5290	5460	-50.75	-49.37	-48.38	-44.62	8.36	58.97	Peak	68.2	Pass
NVNT	ax80	5290	5460	-58.36	-57.73	-57.38	-53.03	8.36	50.56	Average	54	Pass
NVNT	ax80	5290	4500	-51.19	-51.61	-50.75	-46.4	8.36	57.19	Peak	68.2	Pass
NVNT	ax80	5290	4500	-58.65	-58.7	-58.51	-53.85	8.36	49.74	Average	54	Pass
NVNT	ax80	5290	5141.19	-46.24	-45.62	-46.38	-41.3	8.36	62.29	Peak	68.2	Pass
NVNT	ax80	5290	5149.02	-56.24	-56.61	-56.64	-51.72	8.36	51.87	Average	54	Pass
NVNT	ax80	5290	5150	-48.83	-48.72	-47.94	-43.71	8.36	59.88	Peak	68.2	Pass
NVNT	ax80	5290	5150	-56.74	-57.15	-57.83	-57.38	8.36	49.21	Average	54	Pass

E.5 Frequency Stability

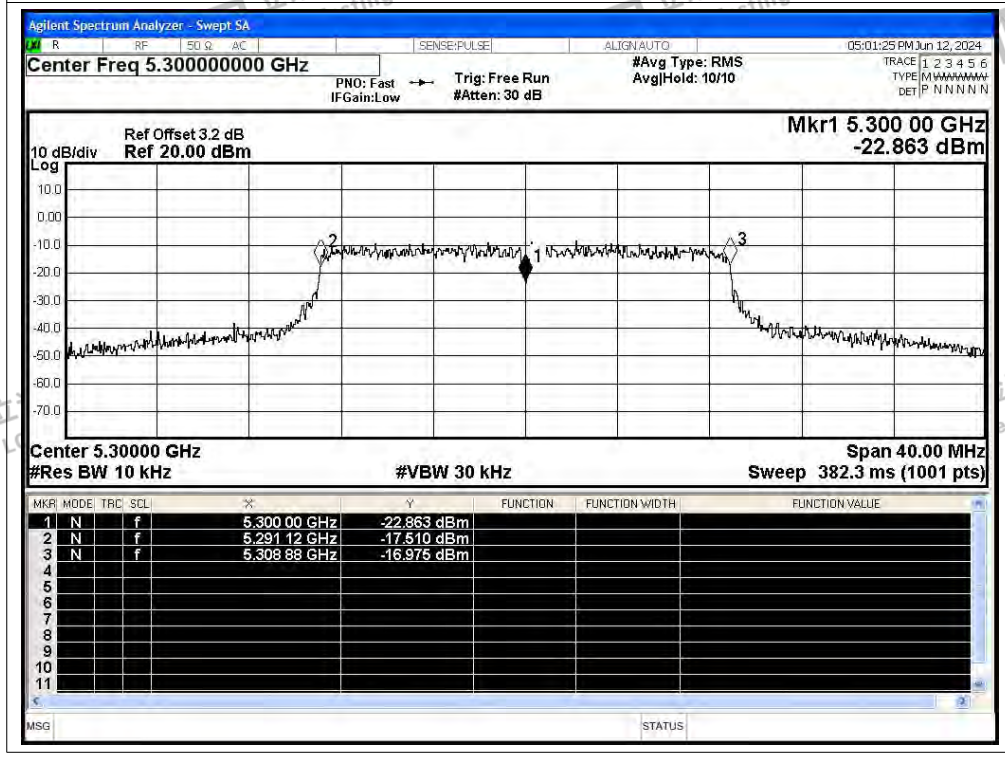
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	ac20	5260	Ant2	5260	0	0	25	Pass
NVNT	ac20	5300	Ant2	5300	0	0	25	Pass
NVNT	ac20	5320	Ant2	5320.02	20000	3.76	25	Pass
NVNT	ac40	5270	Ant2	5269.96	-40000	-7.59	25	Pass
NVNT	ac40	5310	Ant2	5310	0	0	25	Pass
NVNT	ac80	5290	Ant2	5290	0	0	25	Pass
NVNT	ax20	5260	Ant2	5260.02	20000	3.8	25	Pass
NVNT	ax20	5300	Ant2	5300	0	0	25	Pass
NVNT	ax20	5320	Ant2	5320	0	0	25	Pass
NVNT	ax40	5270	Ant2	5270	0	0	25	Pass
NVNT	ax40	5310	Ant2	5310	0	0	25	Pass
NVNT	ax80	5290	Ant2	5290	0	0	25	Pass

Test Graphs

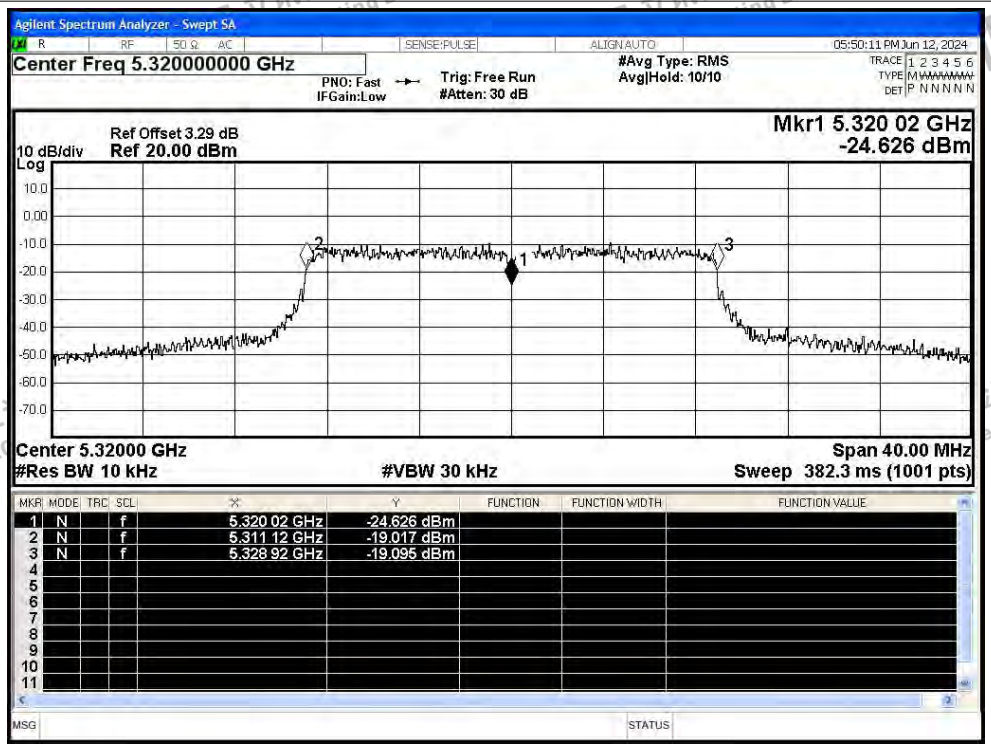
Freq. Stability NVNT ac20 5260MHz Ant2



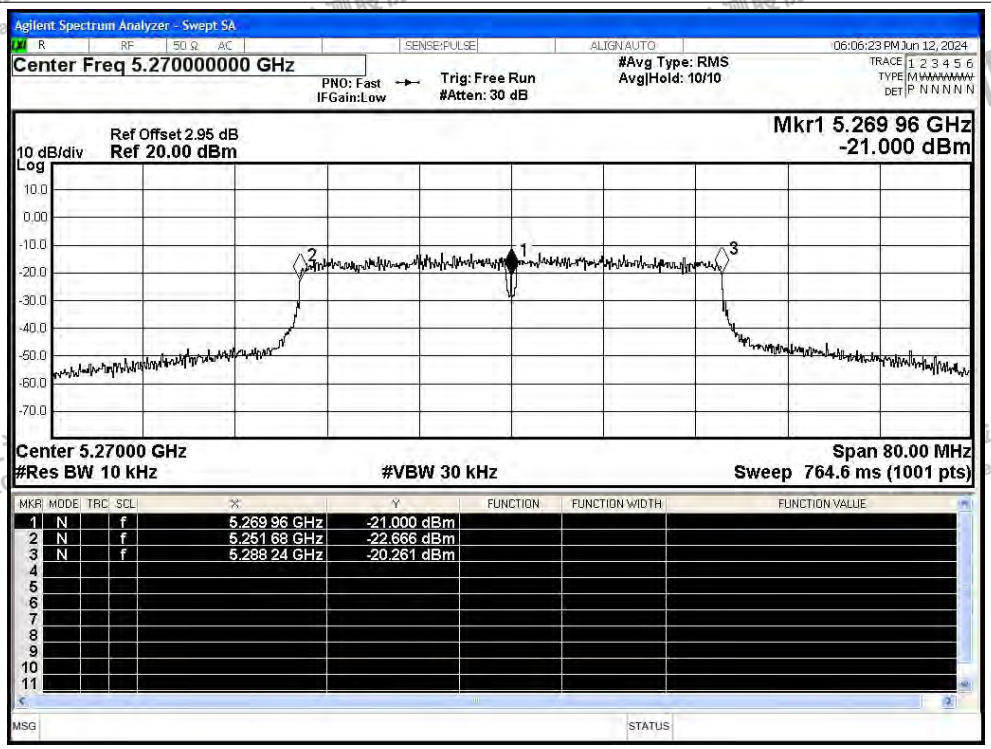
Freq. Stability NVNT ac20 5300MHz Ant2



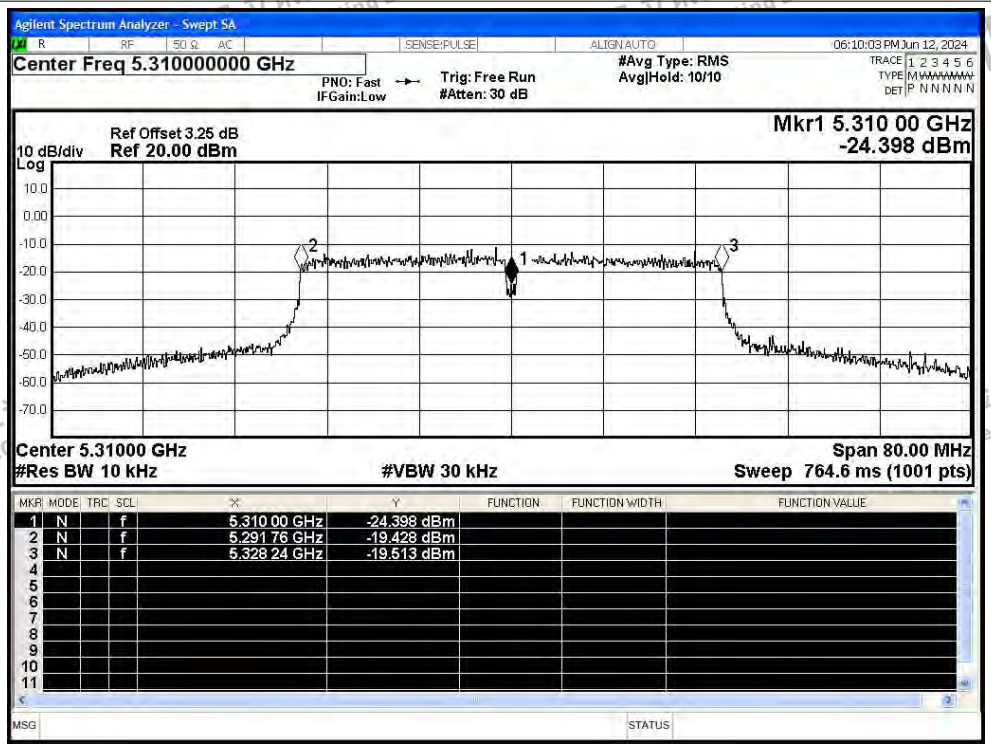
Freq. Stability NVNT ac20 5320MHz Ant2



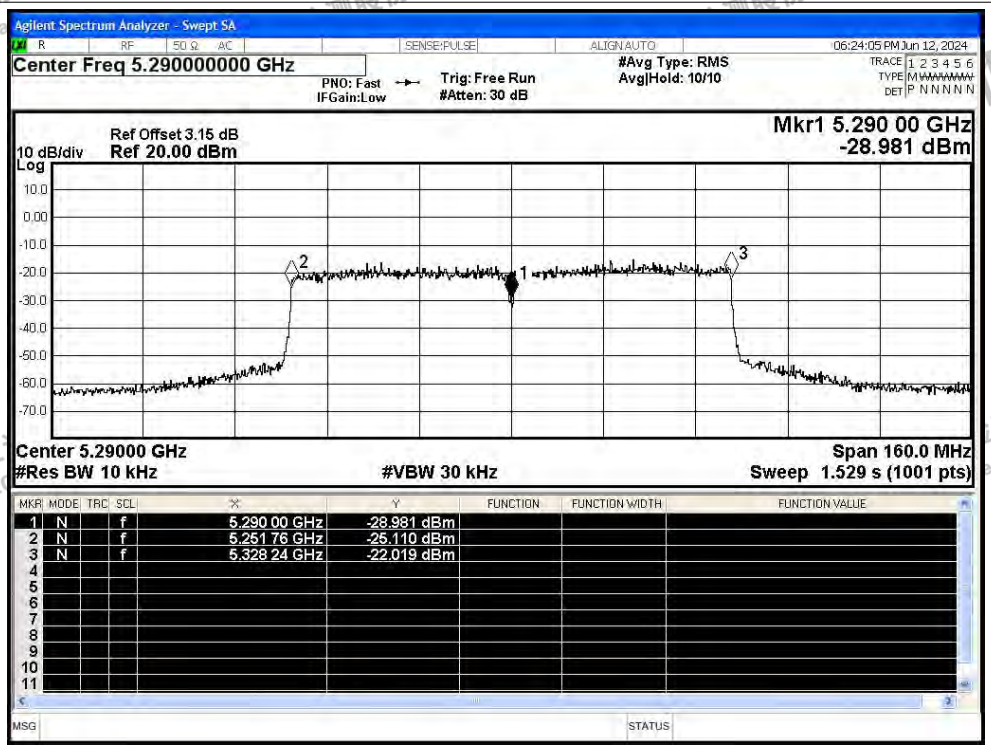
Freq. Stability NVNT ac40 5270MHz Ant2



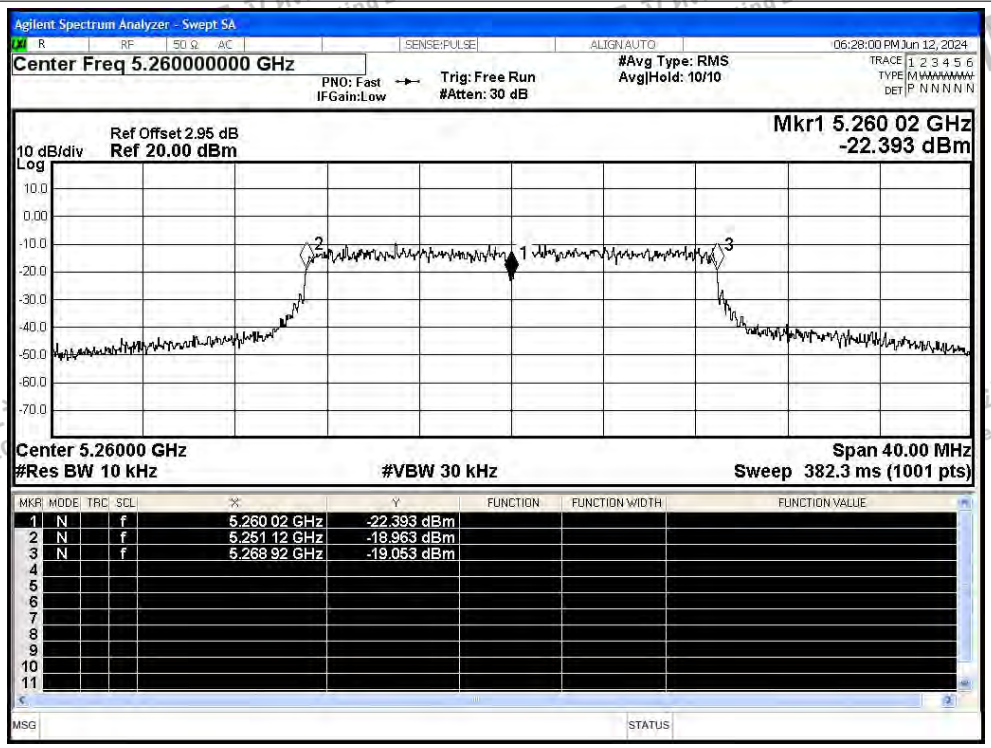
Freq. Stability NVNT ac40 5310MHz Ant2



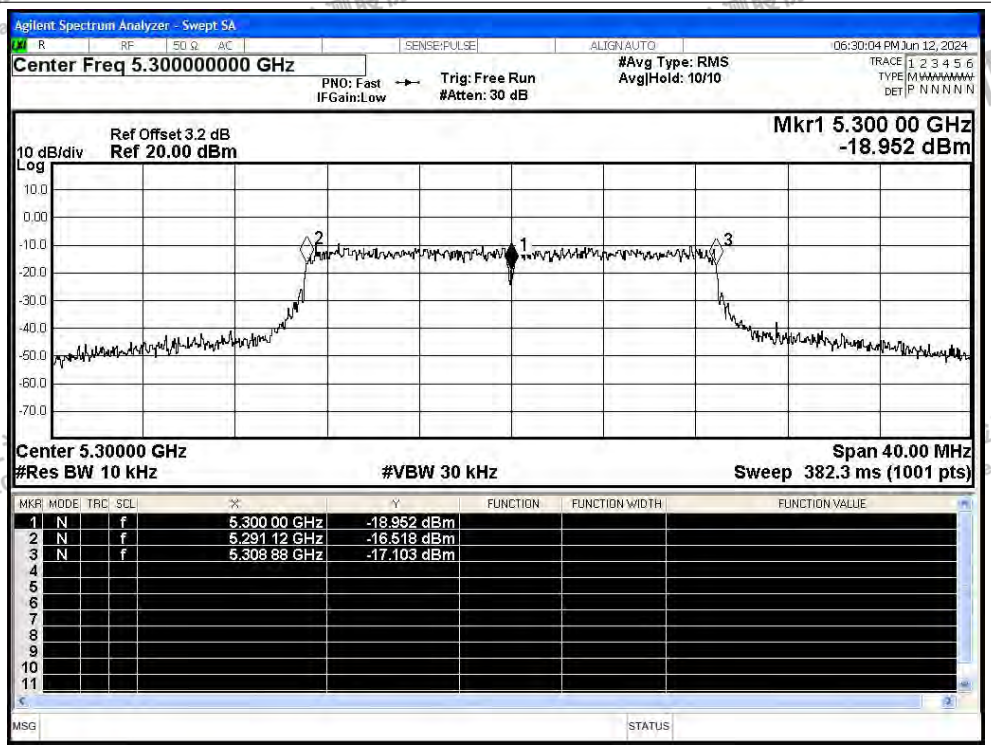
Freq. Stability NVNT ac80 5290MHz Ant2



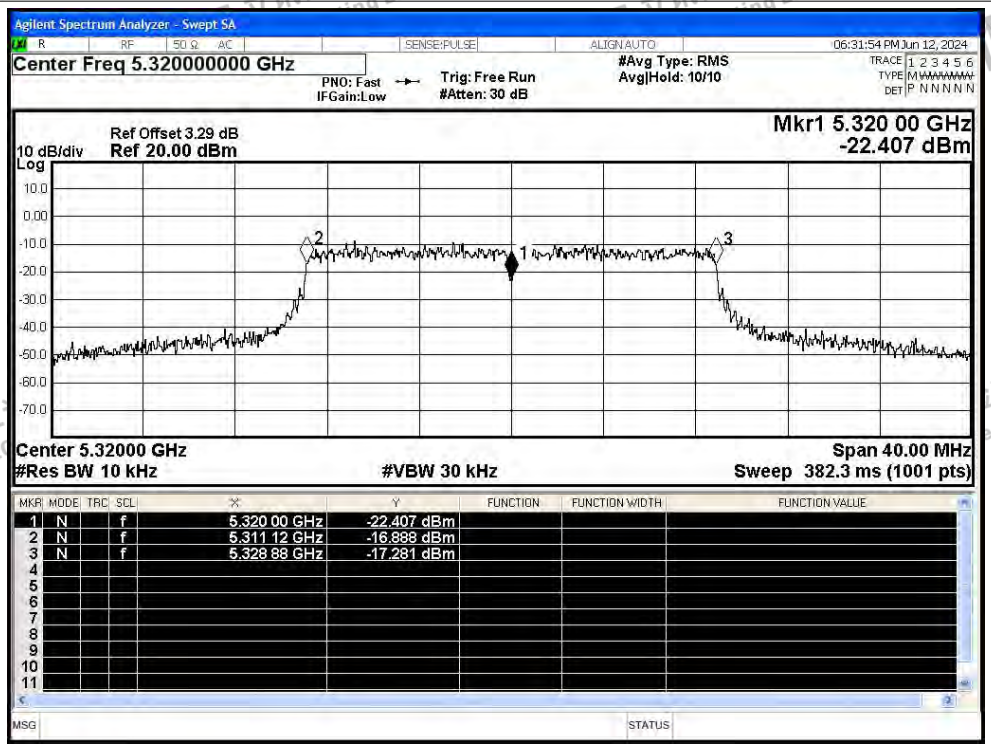
Freq. Stability NVNT ax20 5260MHz Ant2



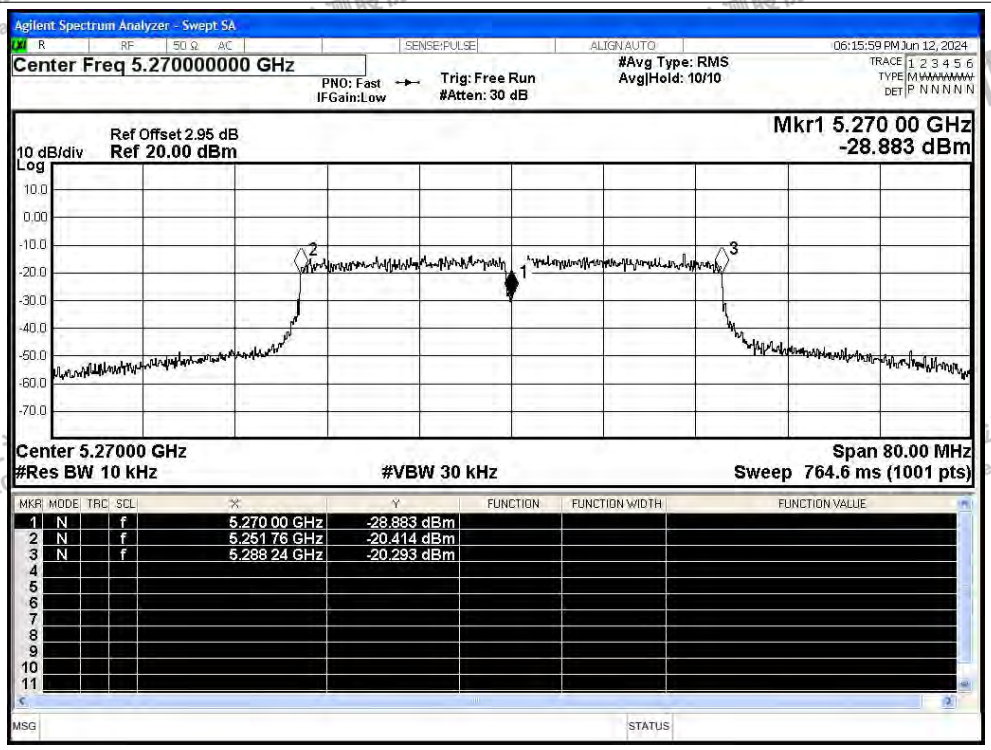
Freq. Stability NVNT ax20 5300MHz Ant2



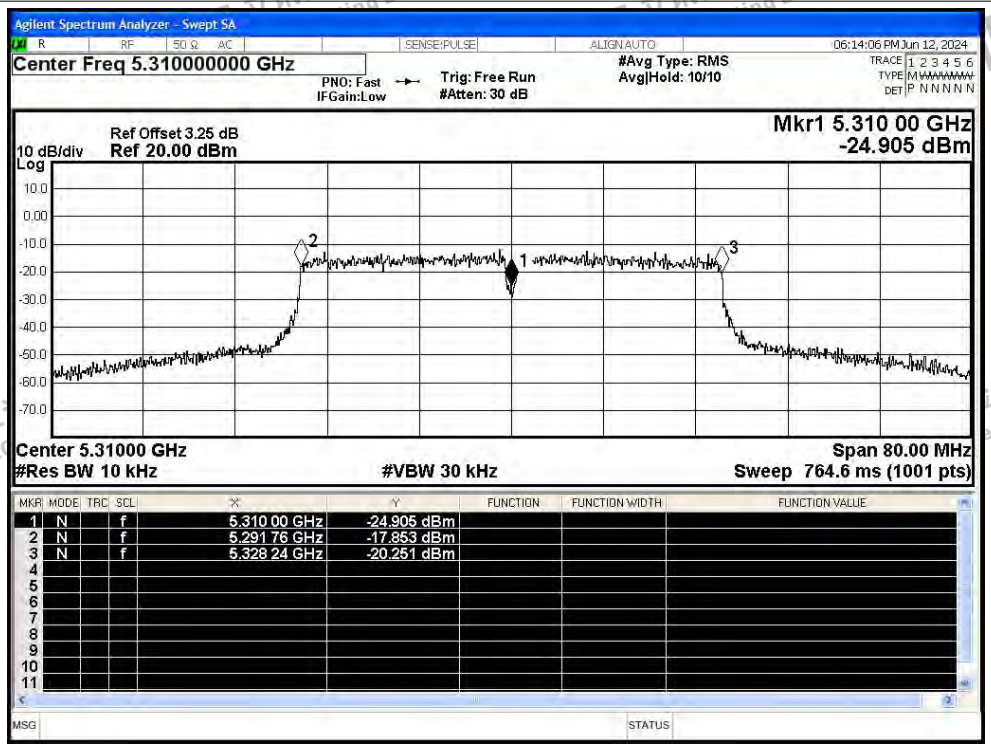
Freq. Stability NVNT ax20 5320MHz Ant2



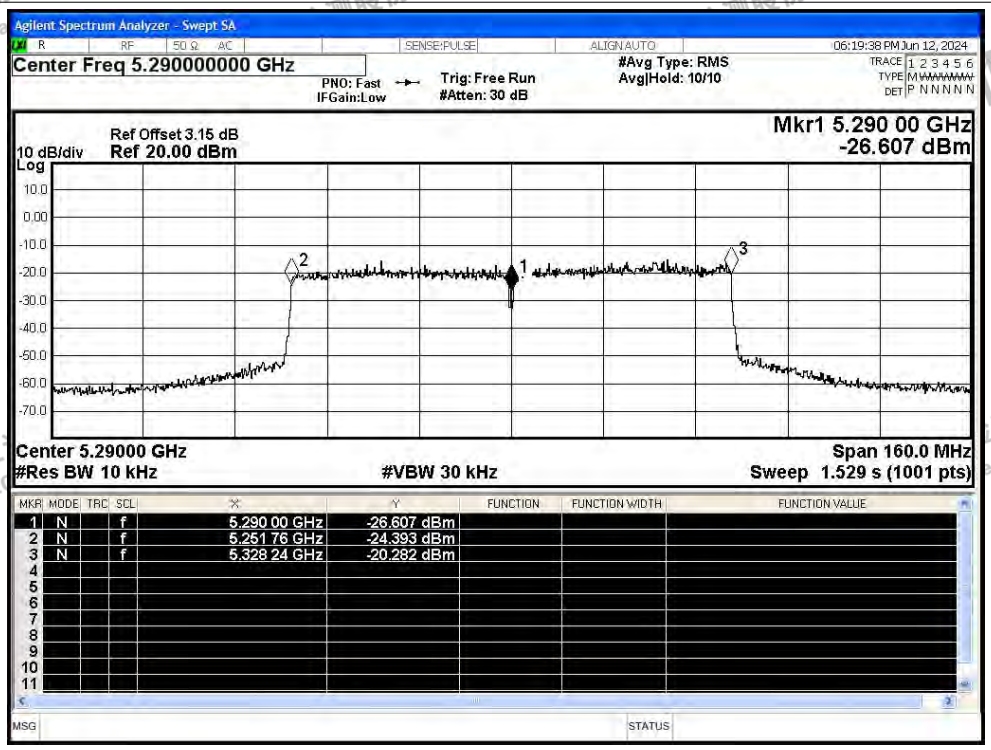
Freq. Stability NVNT ax40 5270MHz Ant2



Freq. Stability NVNT ax40 5310MHz Ant2



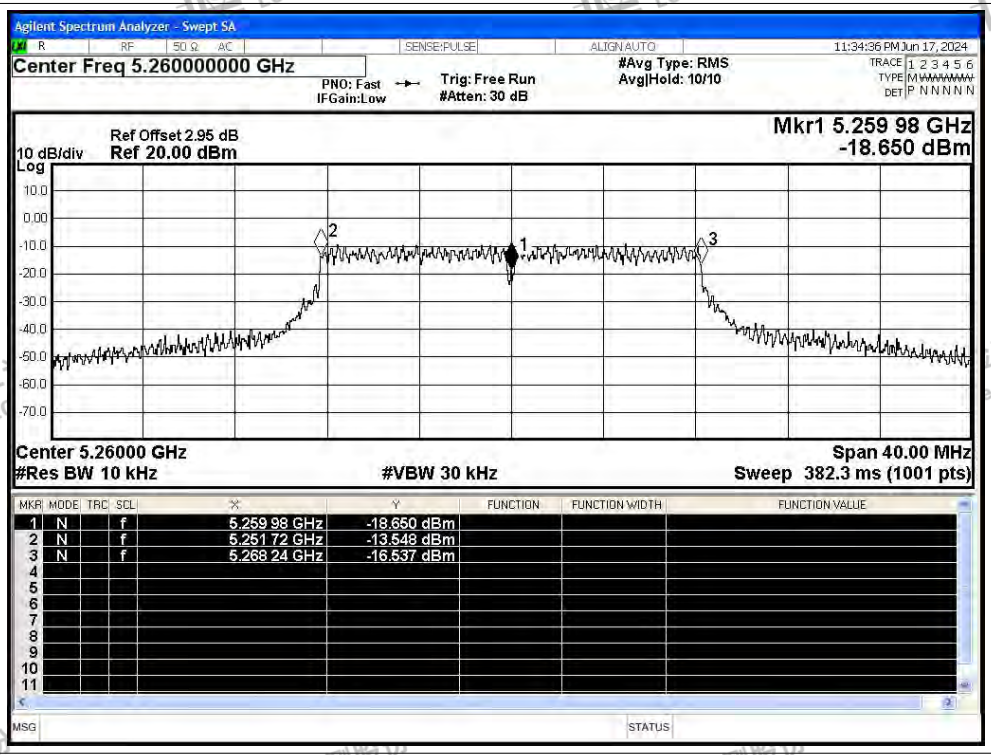
Freq. Stability NVNT ax80 5290MHz Ant2



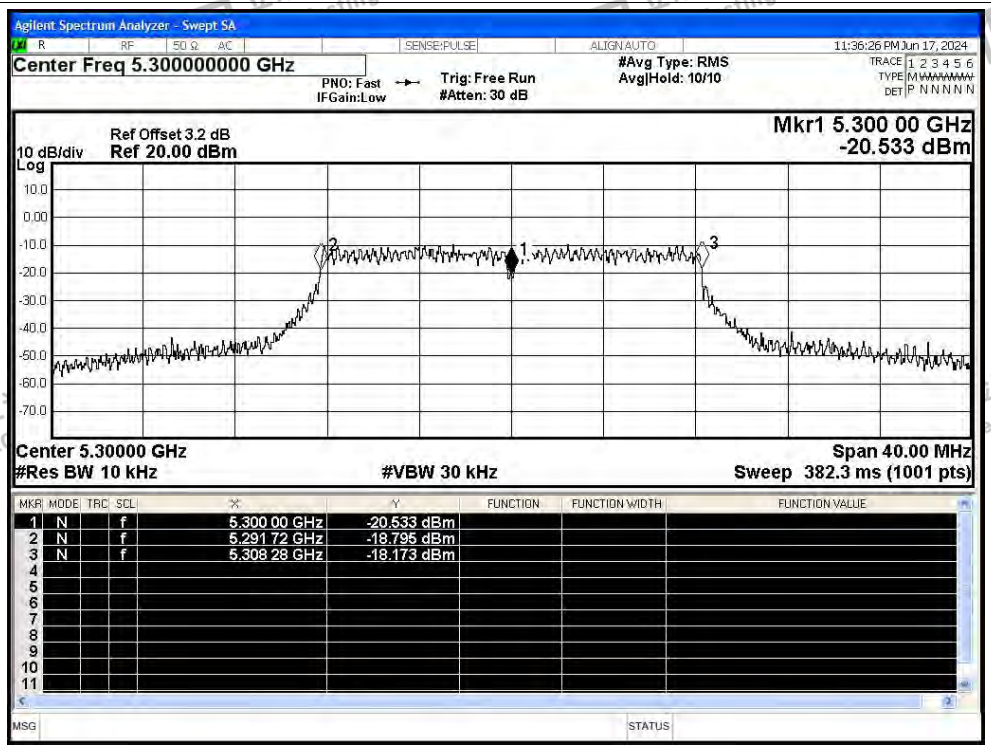
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	a	5260	Ant3	5259.98	-20000	-3.8	25	Pass
NVNT	a	5300	Ant3	5300	0	0	25	Pass
NVNT	a	5320	Ant3	5319.98	-20000	-3.76	25	Pass
NVNT	n20	5260	Ant3	5259.98	-20000	-3.8	25	Pass
NVNT	n20	5300	Ant3	5299.98	-20000	-3.77	25	Pass
NVNT	n20	5320	Ant3	5319.98	-20000	-3.76	25	Pass
NVNT	n40	5270	Ant3	5269.96	-40000	-7.59	25	Pass
NVNT	n40	5310	Ant3	5310	0	0	25	Pass
NVNT	ac20	5260	Ant3	5260	0	0	25	Pass
NVNT	ac20	5300	Ant3	5300.02	20000	3.77	25	Pass
NVNT	ac20	5320	Ant3	5319.98	-20000	-3.76	25	Pass
NVNT	ac40	5270	Ant3	5270	0	0	25	Pass
NVNT	ac40	5310	Ant3	5309.96	-40000	-7.53	25	Pass
NVNT	ac80	5290	Ant3	5290	0	0	25	Pass
NVNT	ax20	5260	Ant3	5260	0	0	25	Pass
NVNT	ax20	5300	Ant3	5299.98	-20000	-3.77	25	Pass
NVNT	ax20	5320	Ant3	5319.98	-20000	-3.76	25	Pass
NVNT	ax40	5270	Ant3	5270	0	0	25	Pass
NVNT	ax40	5310	Ant3	5310	0	0	25	Pass
NVNT	ax80	5290	Ant3	5290	0	0	25	Pass

Test Graphs

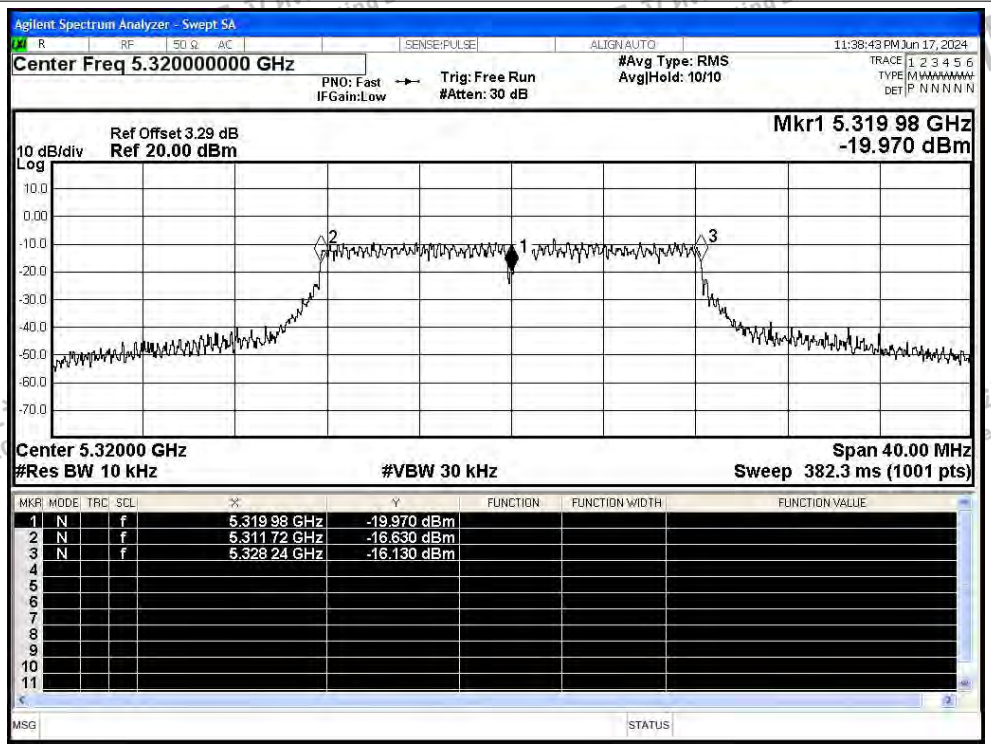
Freq. Stability NVNT a 5260MHz Ant3



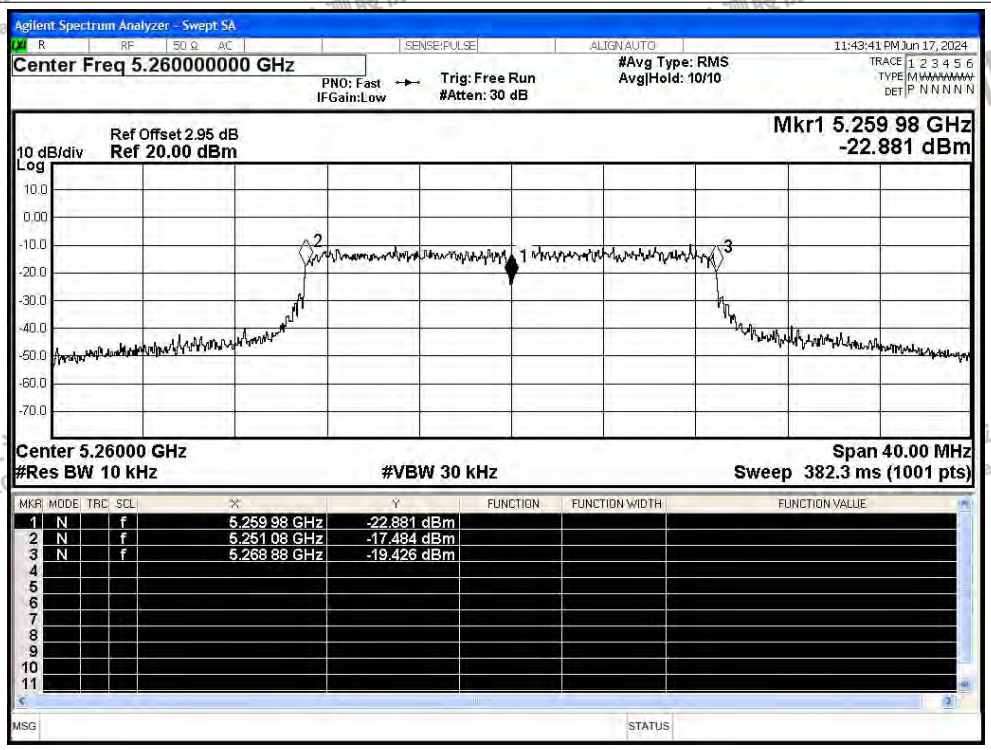
Freq. Stability NVNT a 5300MHz Ant3



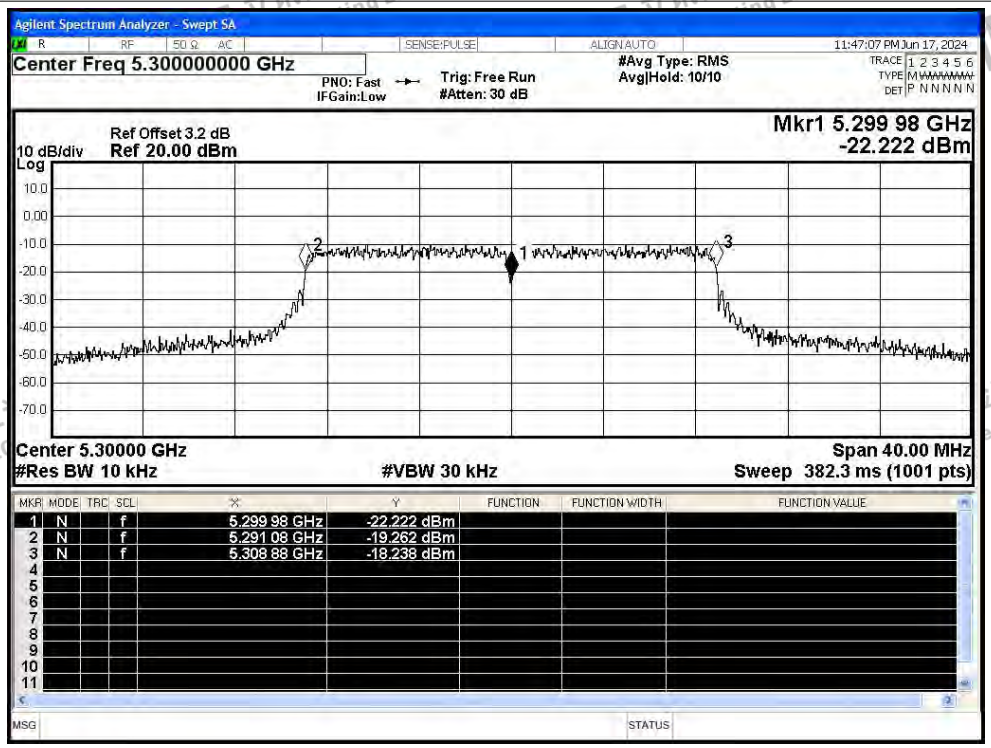
Freq. Stability NVNT a 5320MHz Ant3



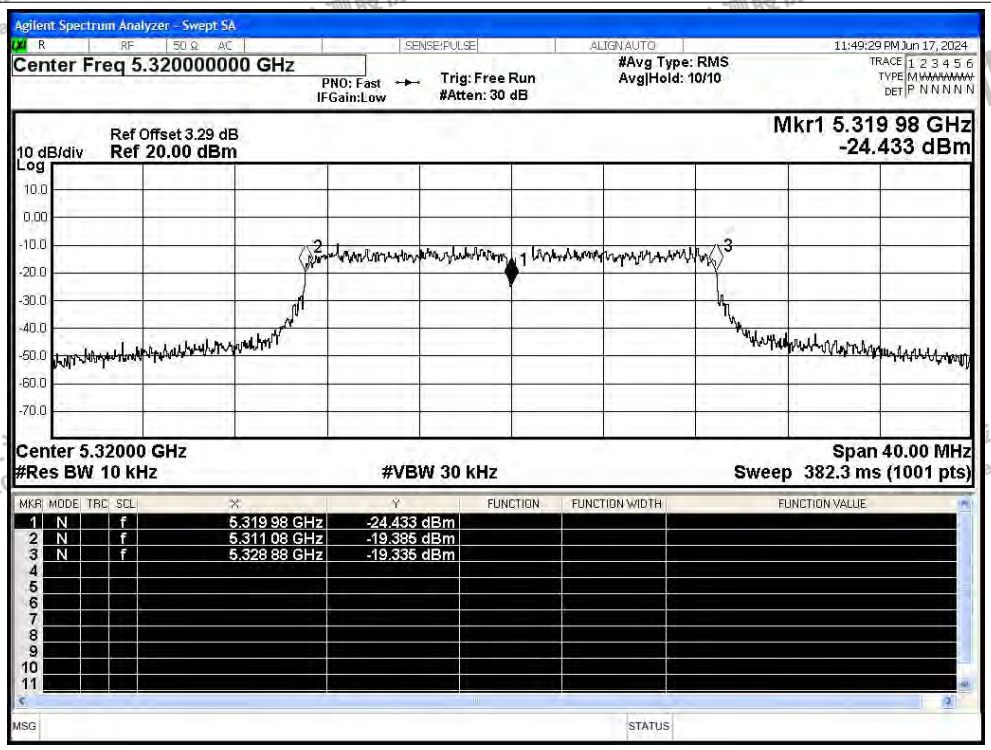
Freq. Stability NVNT n20 5260MHz Ant3



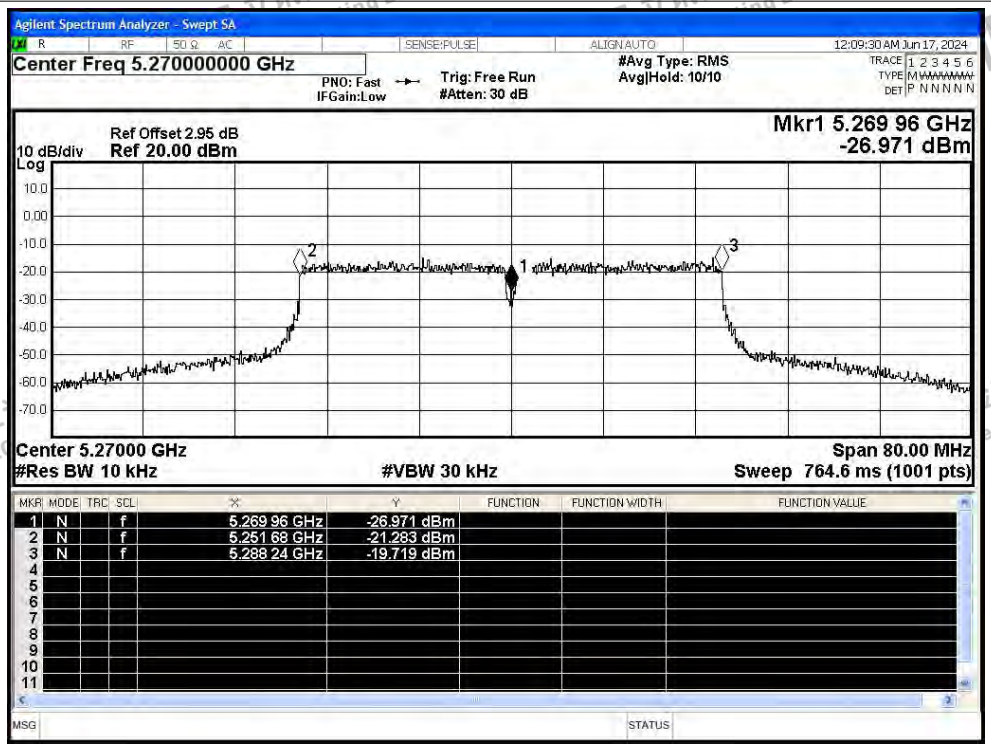
Freq. Stability NVNT n20 5300MHz Ant3



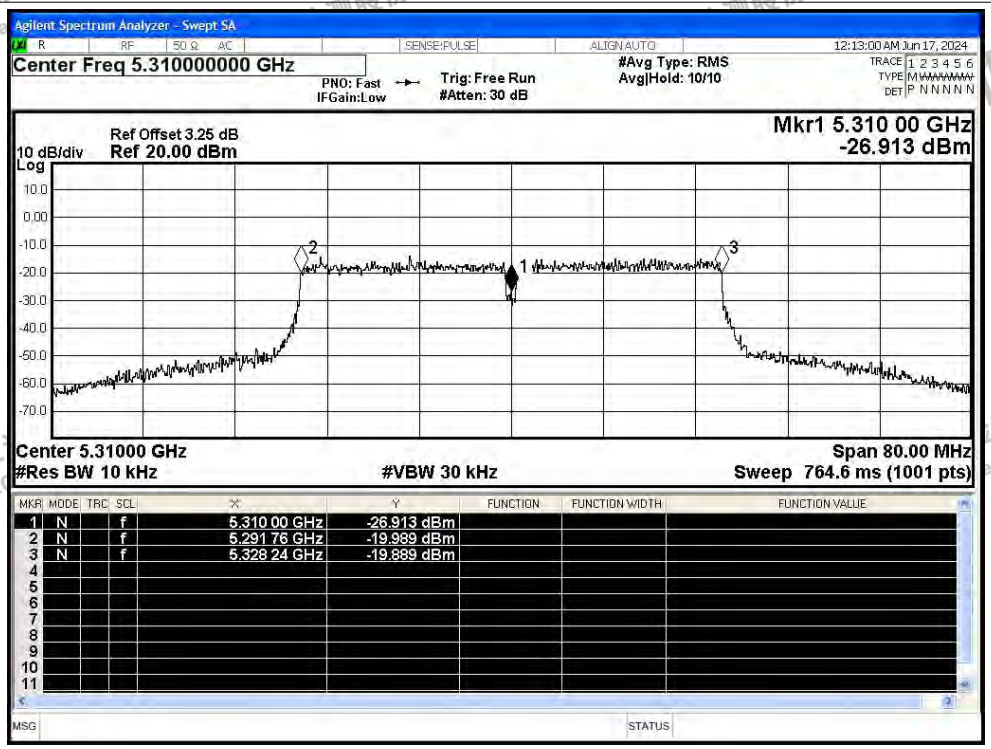
Freq. Stability NVNT n20 5320MHz Ant3



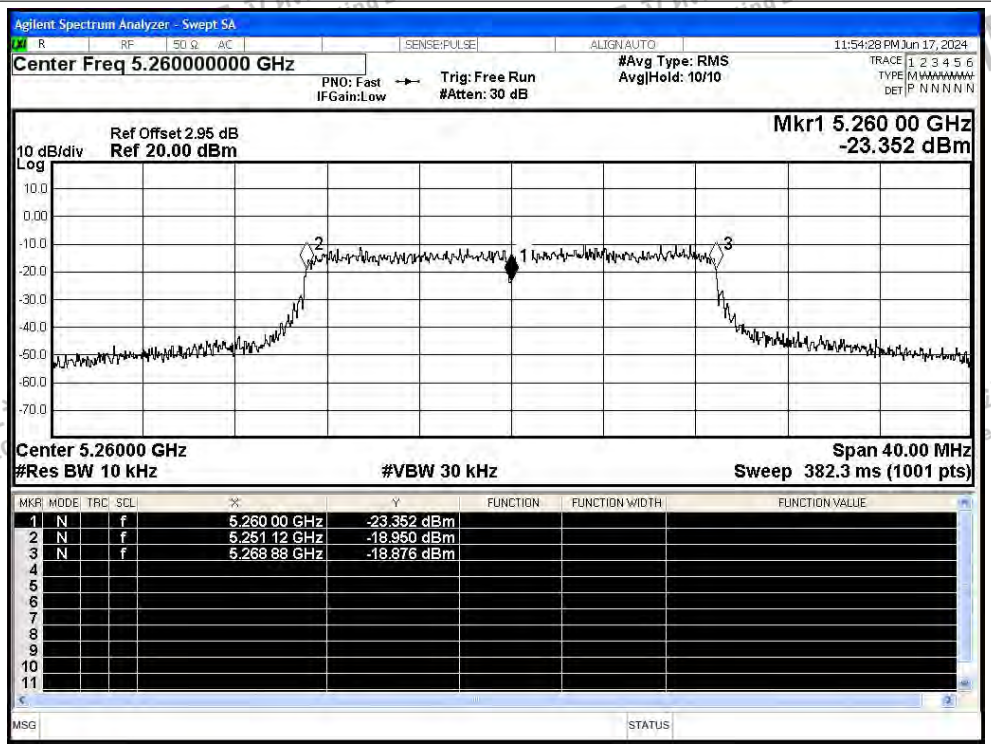
Freq. Stability NVNT n40 5270MHz Ant3



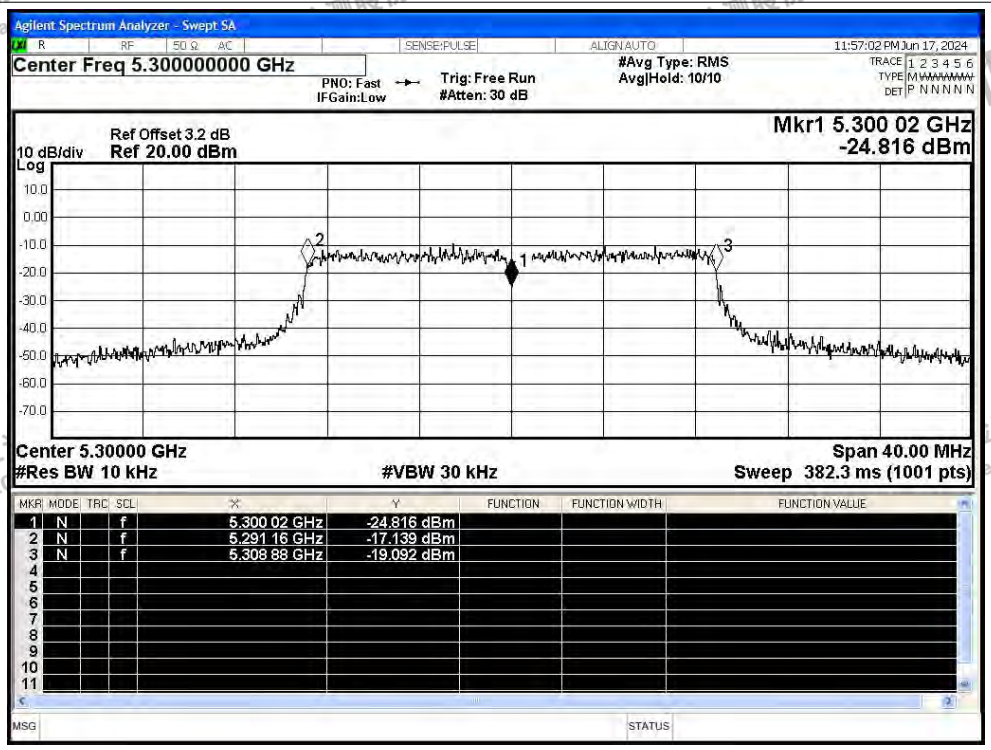
Freq. Stability NVNT n40 5310MHz Ant3



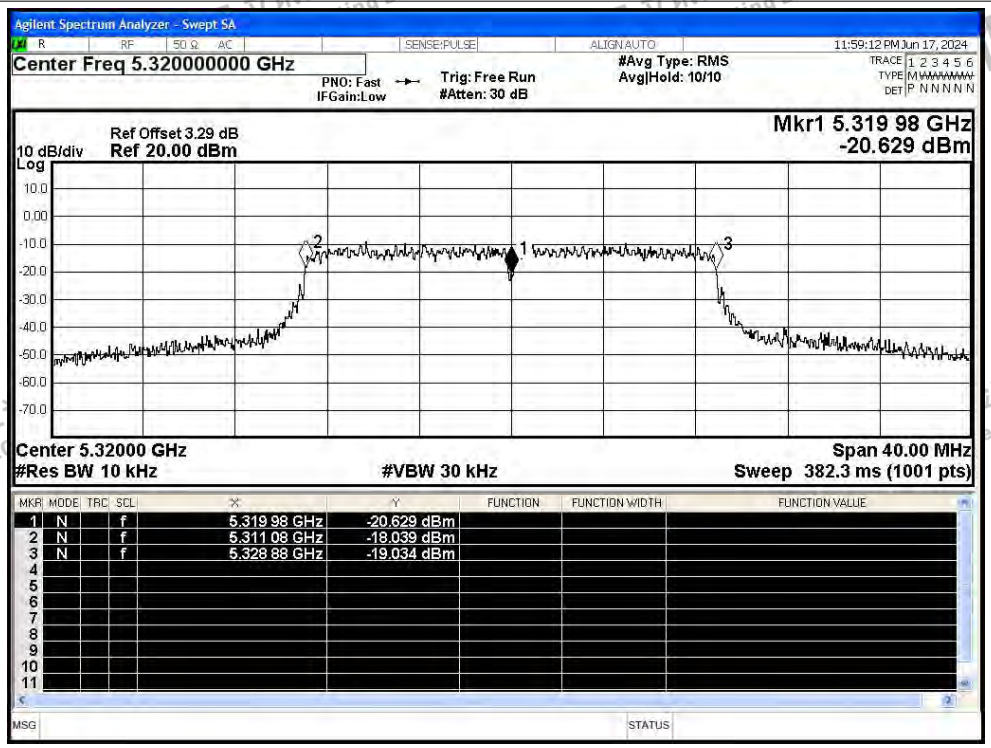
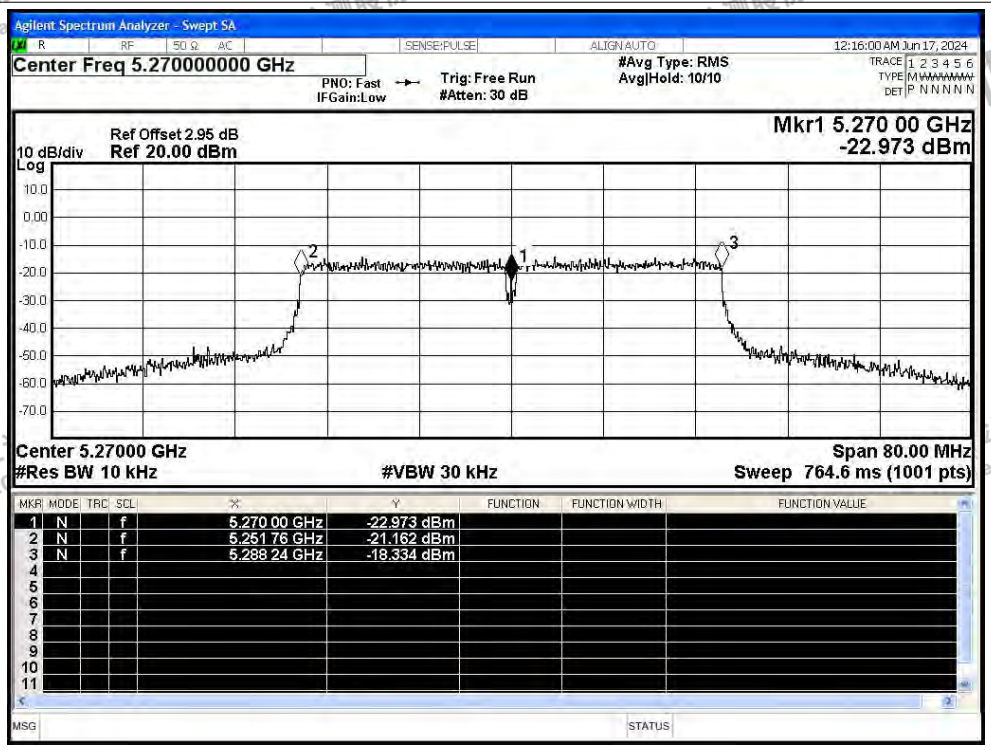
Freq. Stability NVNT ac20 5260MHz Ant3



Freq. Stability NVNT ac20 5300MHz Ant3



Freq. Stability NVNT ac20 5320MHz Ant3



Freq. Stability NVNT ac40 5270MHz Ant3