Appendix E

RF Test Data for 5.3GWIFI(Conducted Measurement)

Product Name: AAWireless Nova

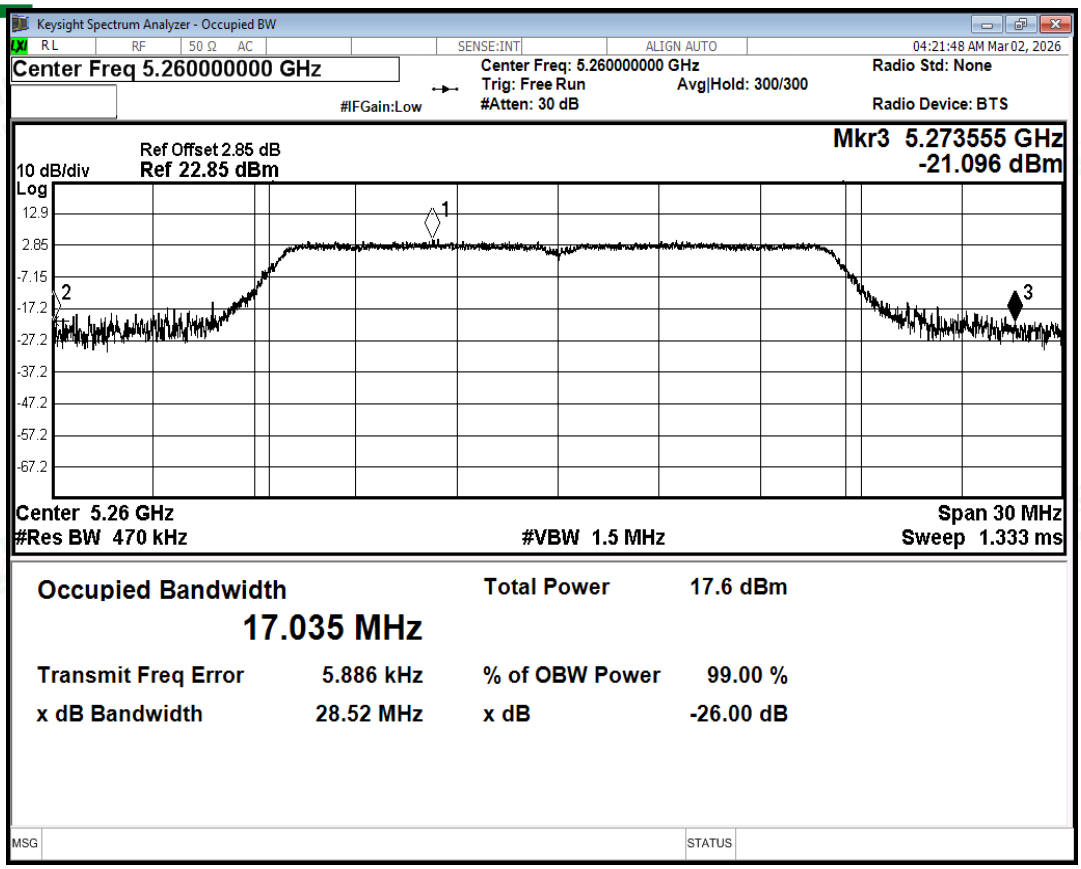
Test Model: A3AN

Environmental Conditions

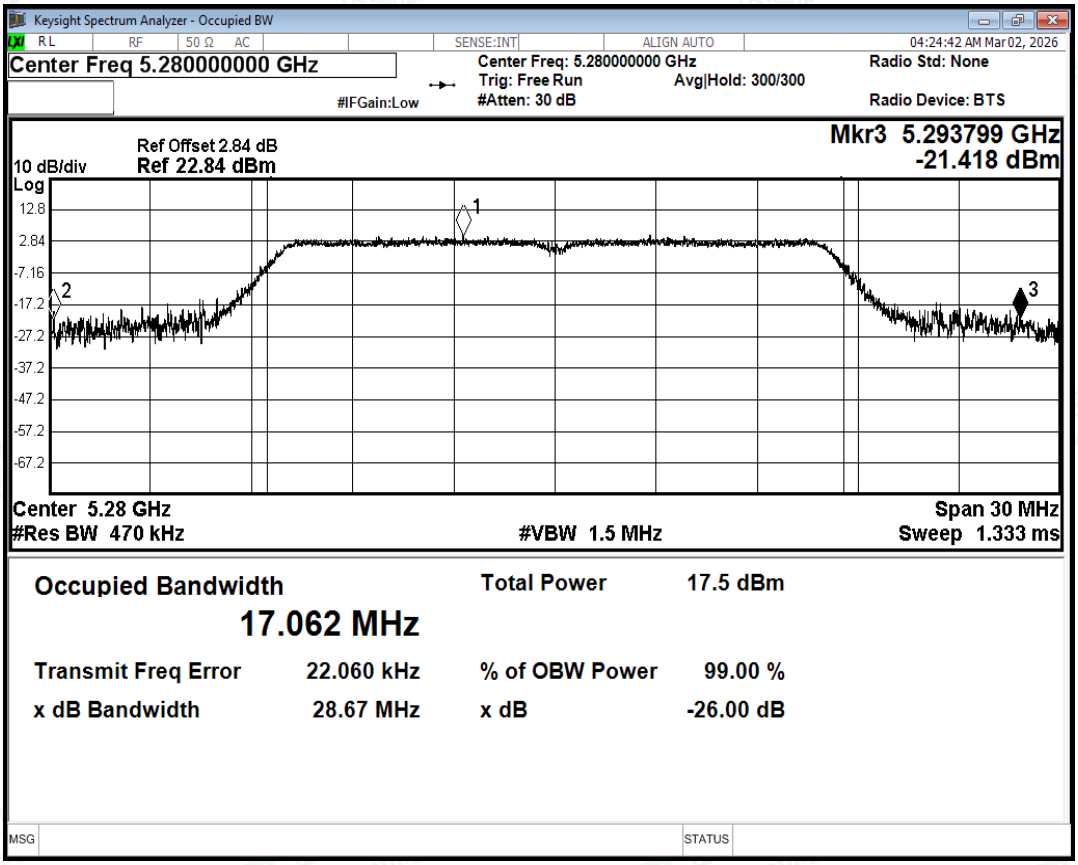
Temperature:	24.2° C
Relative Humidity:	53.5%
ATM Pressure:	100.0 kPa
Test Engineer:	Jerry Chu
Supervised by:	Can Kun

E.1 -26dB Bandwidth

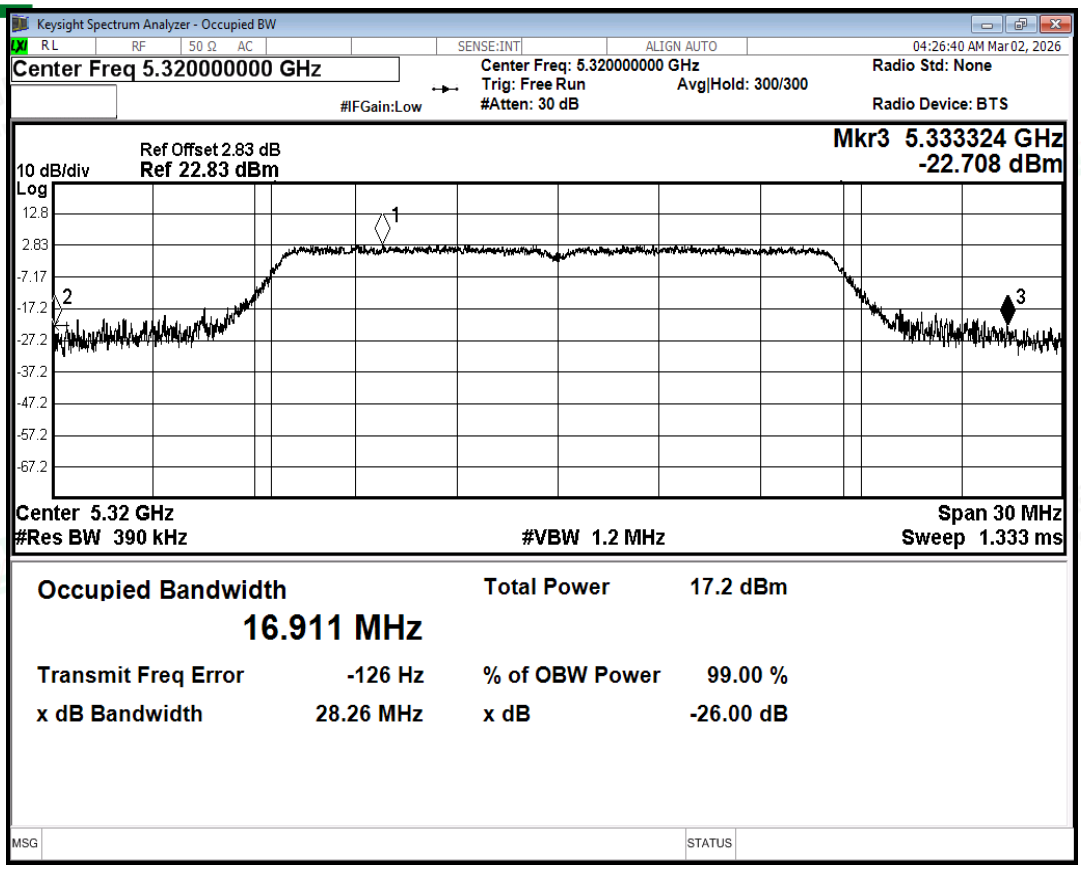
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)
NVNT	a	5260	Ant1	28.52
NVNT	a	5280	Ant1	28.67
NVNT	a	5320	Ant1	28.26
NVNT	n20	5260	Ant1	28.99
NVNT	n20	5280	Ant1	29.23
NVNT	n20	5320	Ant1	29.55
NVNT	n40	5270	Ant1	50.19
NVNT	n40	5310	Ant1	50.72
NVNT	ac20	5260	Ant1	29.38
NVNT	ac20	5280	Ant1	29.55
NVNT	ac20	5320	Ant1	29.75
NVNT	ac40	5270	Ant1	56.63
NVNT	ac40	5310	Ant1	55.94
NVNT	ac80	5290	Ant1	86.26
NVNT	ax20	5260	Ant1	29.29
NVNT	ax20	5280	Ant1	29.43
NVNT	ax20	5320	Ant1	29.56
NVNT	ax40	5270	Ant1	56.3
NVNT	ax40	5310	Ant1	57.48
NVNT	ax80	5290	Ant1	88.29



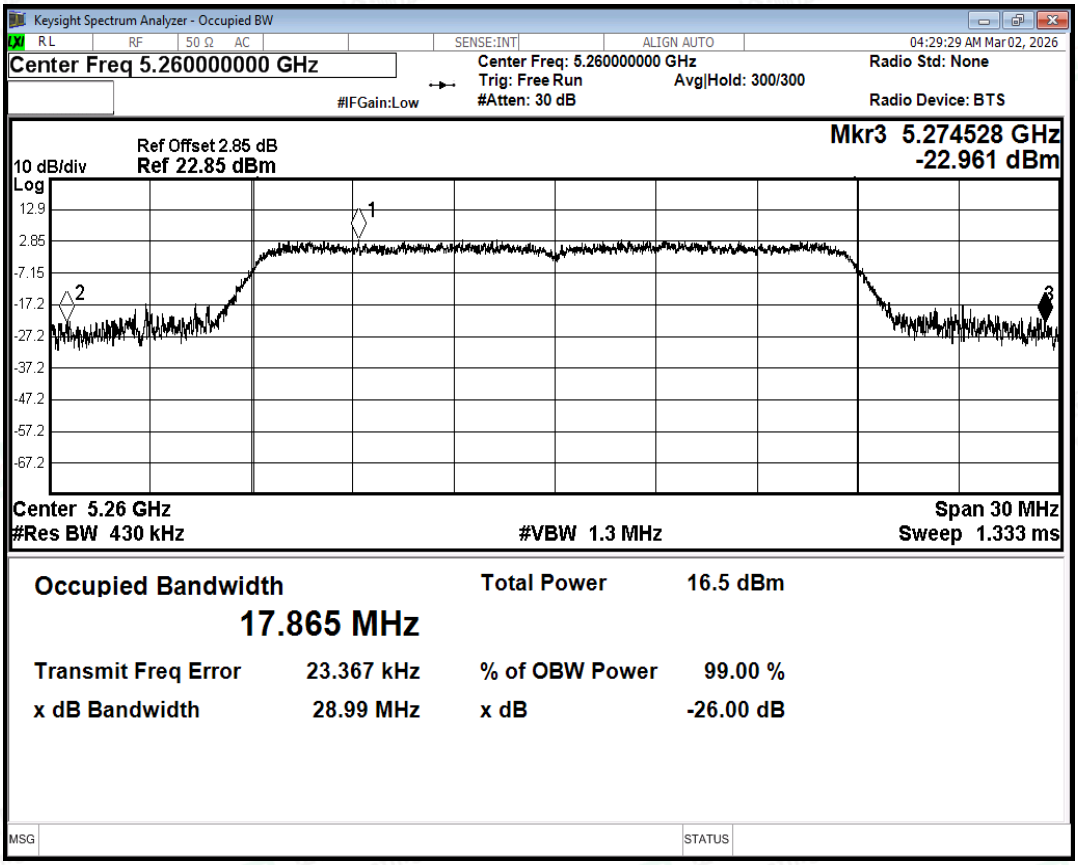
-26dB Bandwidth NVNT a 5260MHz Ant1



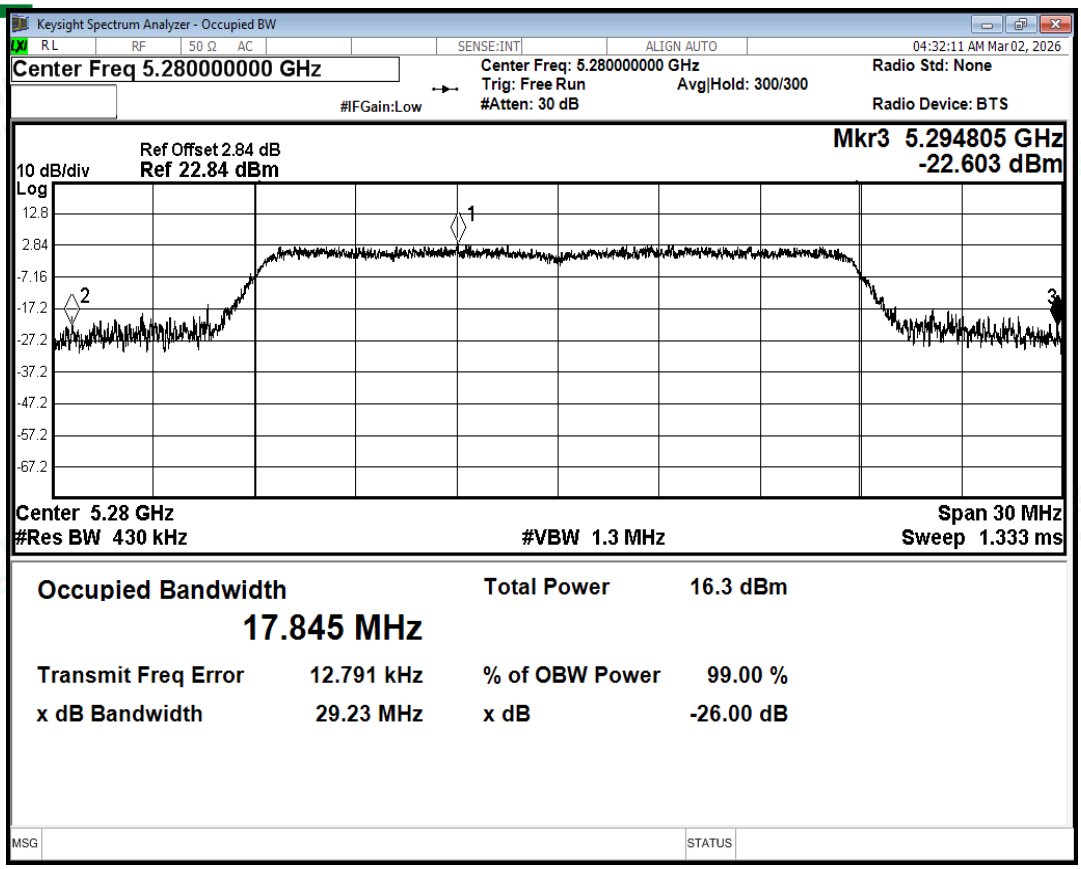
-26dB Bandwidth NVNT a 5280MHz Ant1



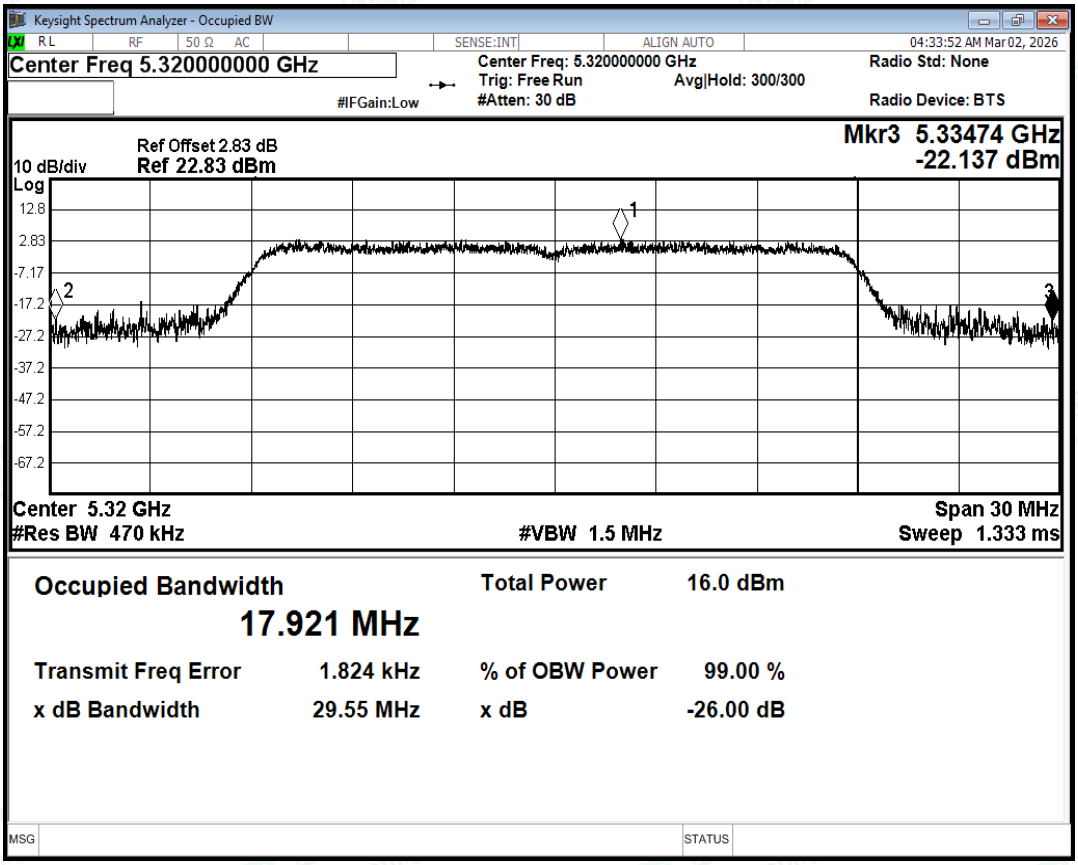
-26dB Bandwidth NVNT a 5320MHz Ant1



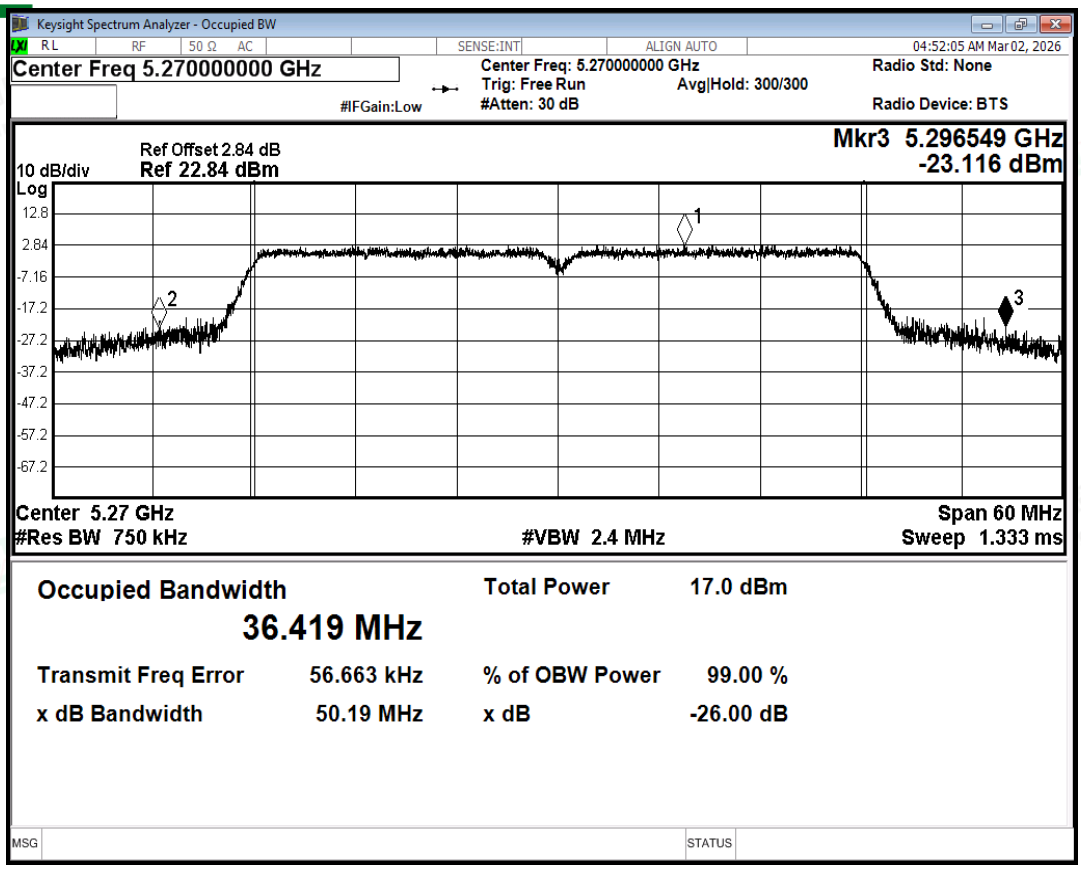
-26dB Bandwidth NVNT n20 5260MHz Ant1



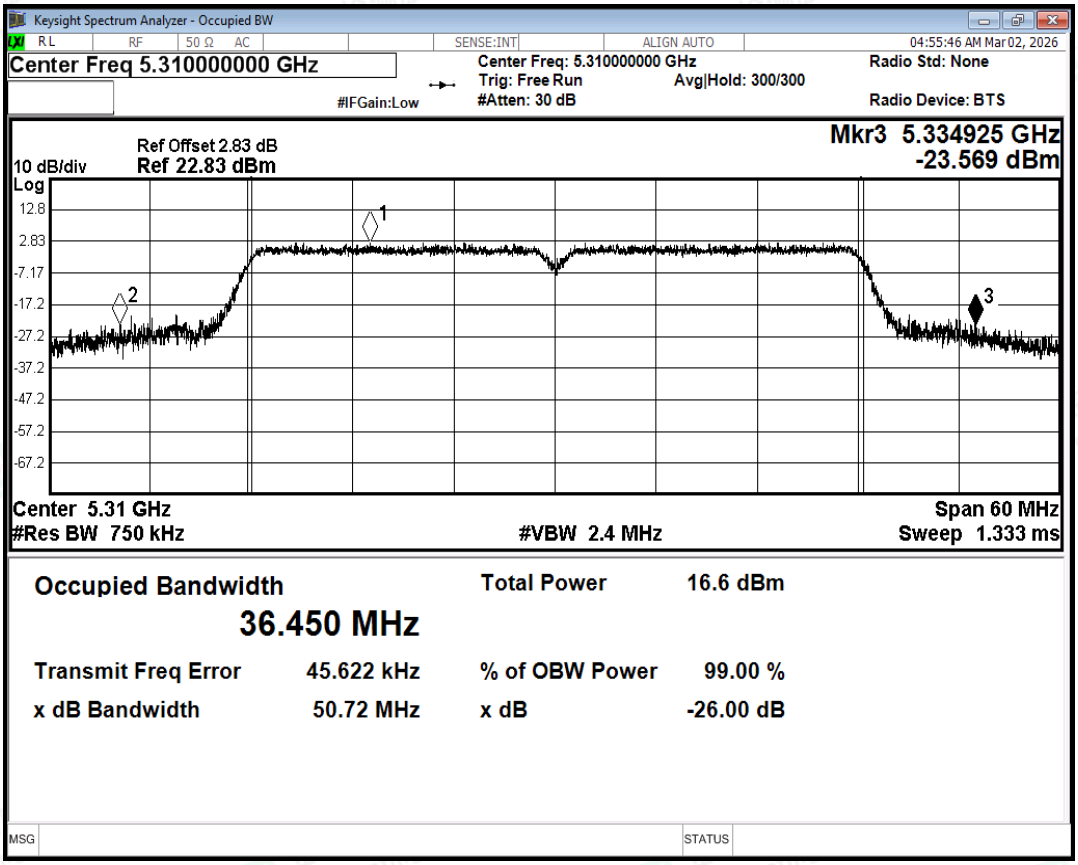
-26dB Bandwidth NVNT n20 5280MHz Ant1



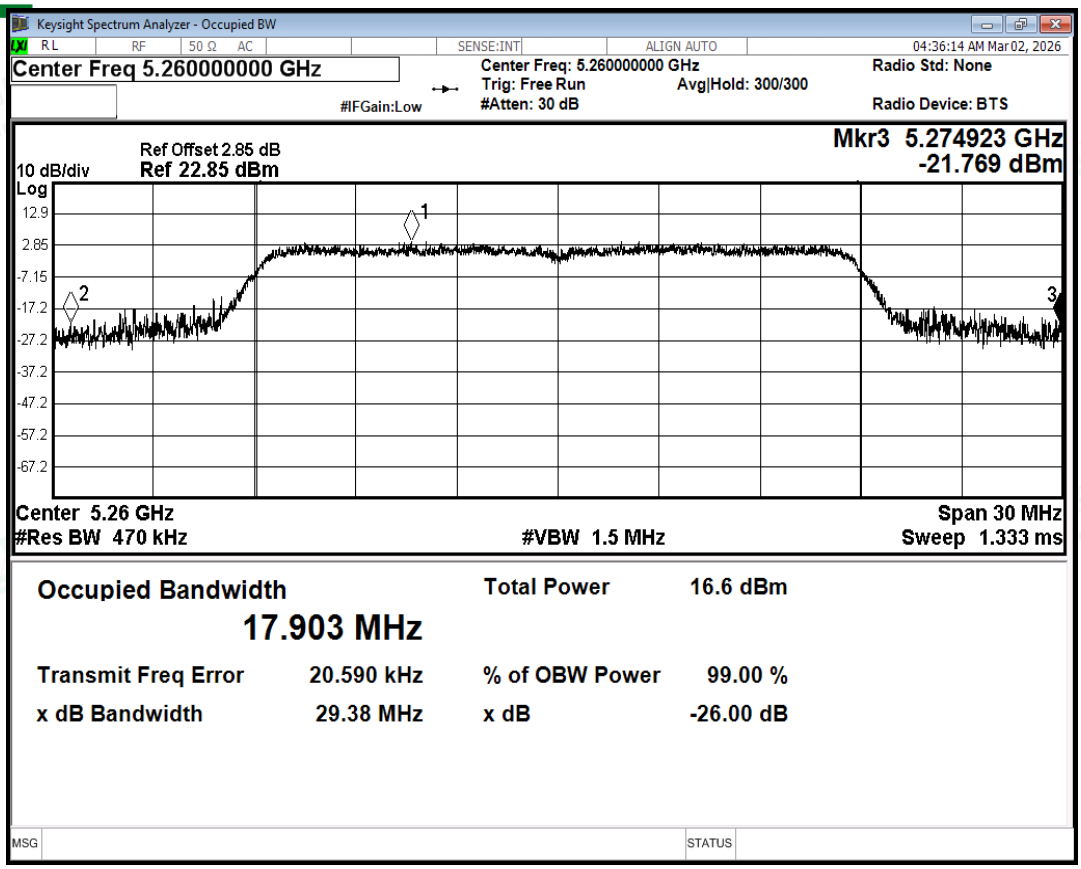
-26dB Bandwidth NVNT n20 5320MHz Ant1



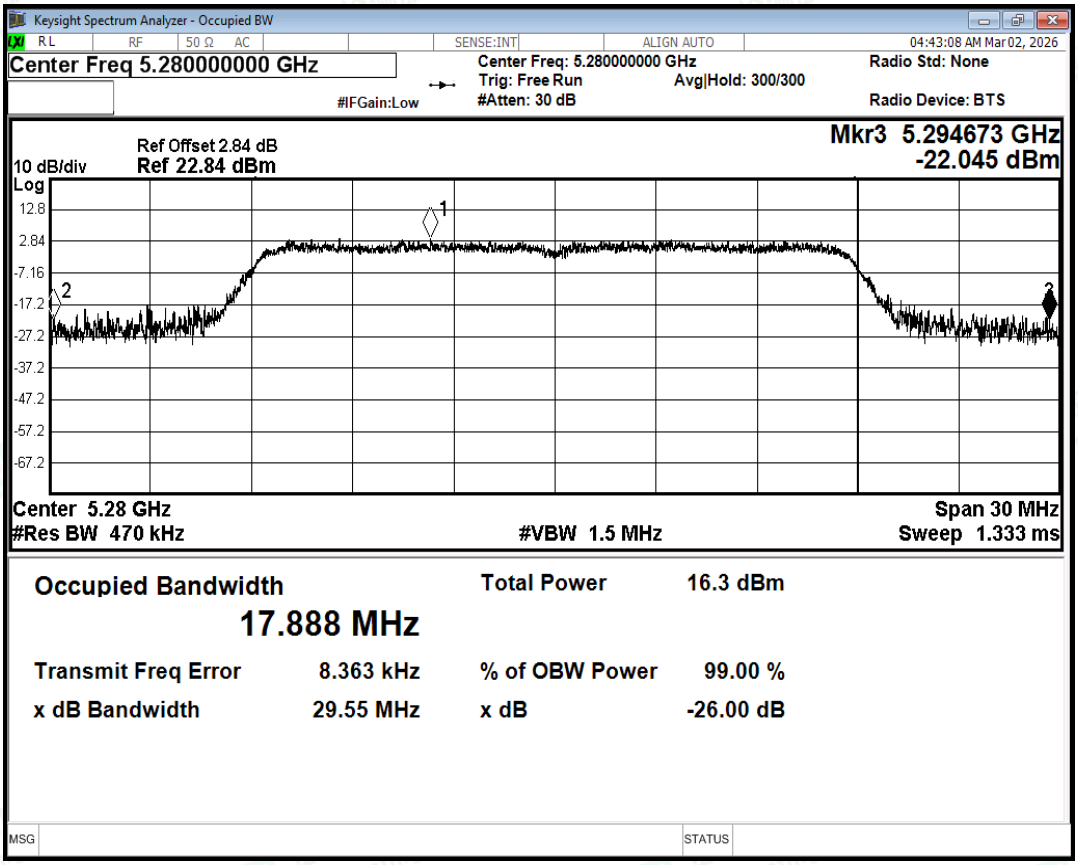
-26dB Bandwidth NVNT n40 5270MHz Ant1



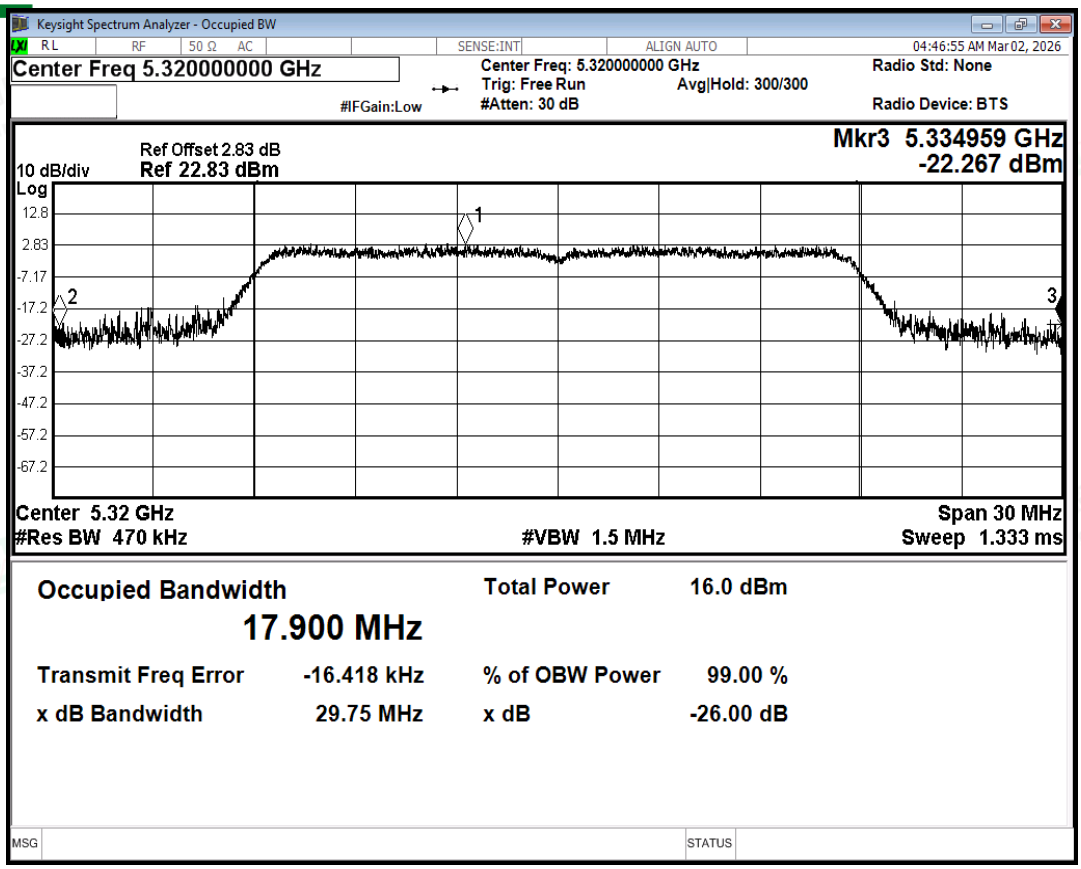
-26dB Bandwidth NVNT n40 5310MHz Ant1



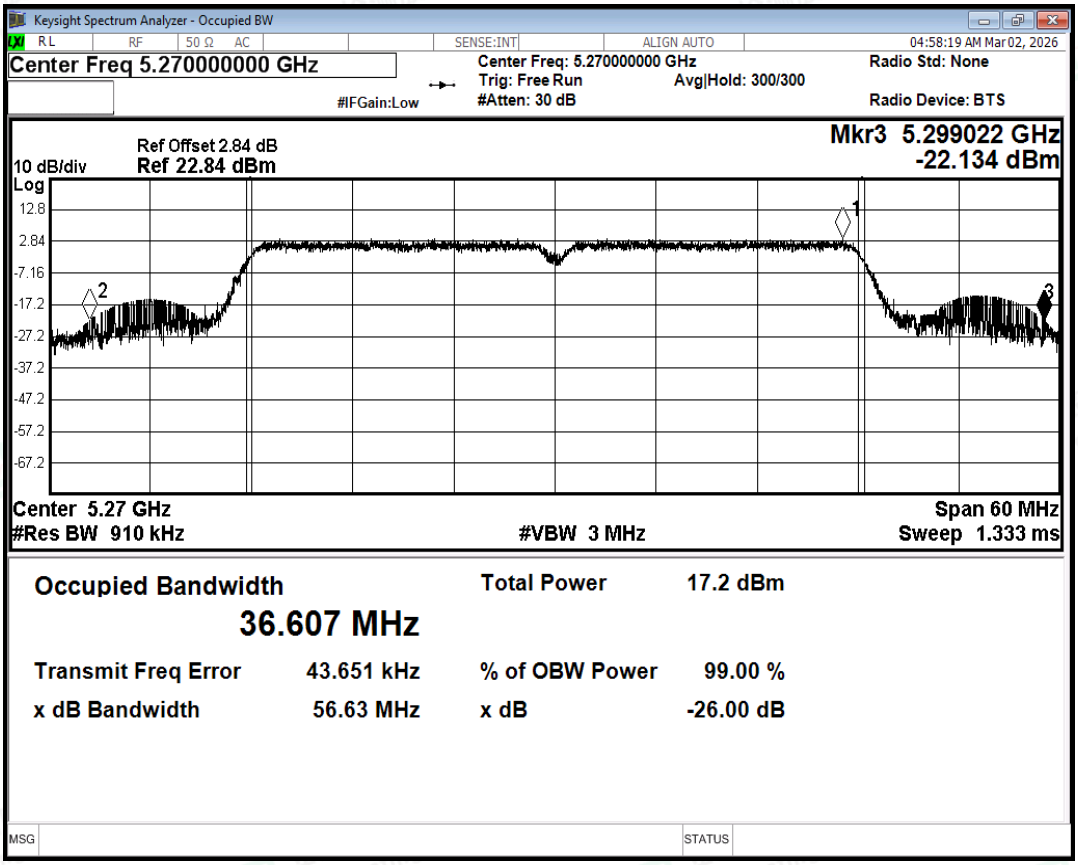
-26dB Bandwidth NVNT ac20 5260MHz Ant1



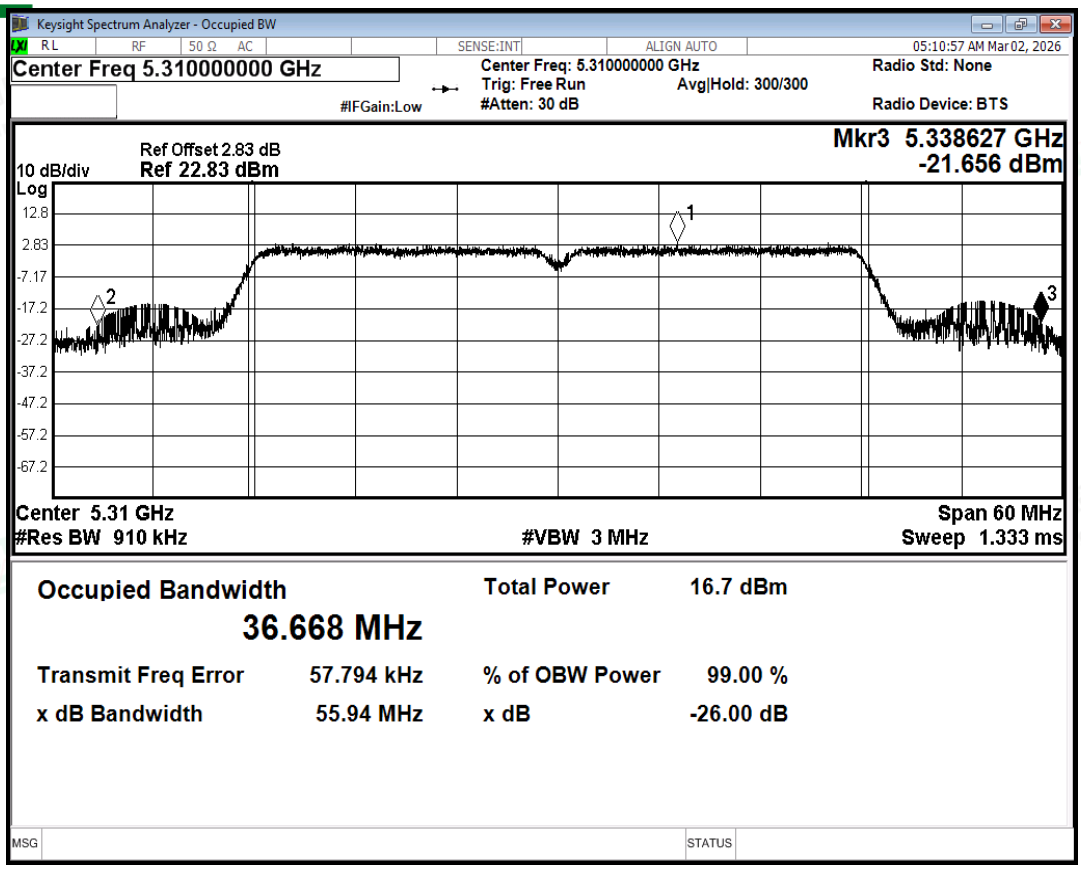
-26dB Bandwidth NVNT ac20 5280MHz Ant1



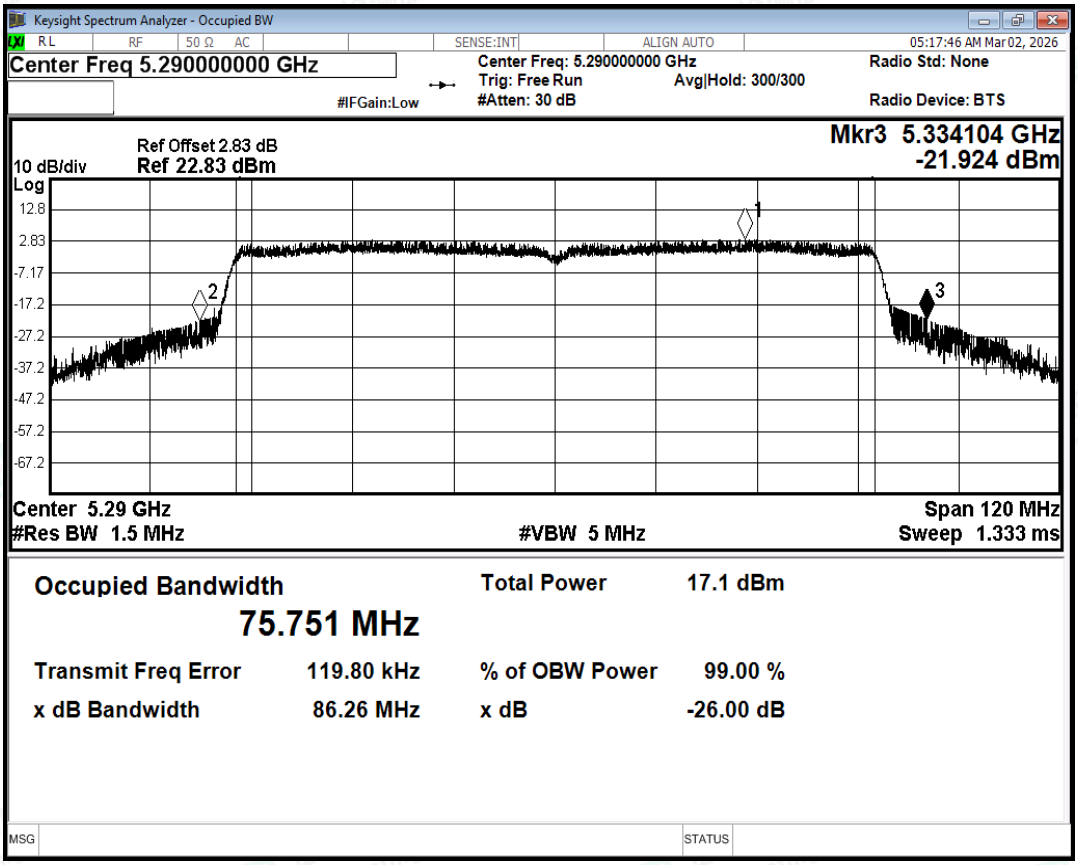
-26dB Bandwidth NVNT ac20 5320MHz Ant1



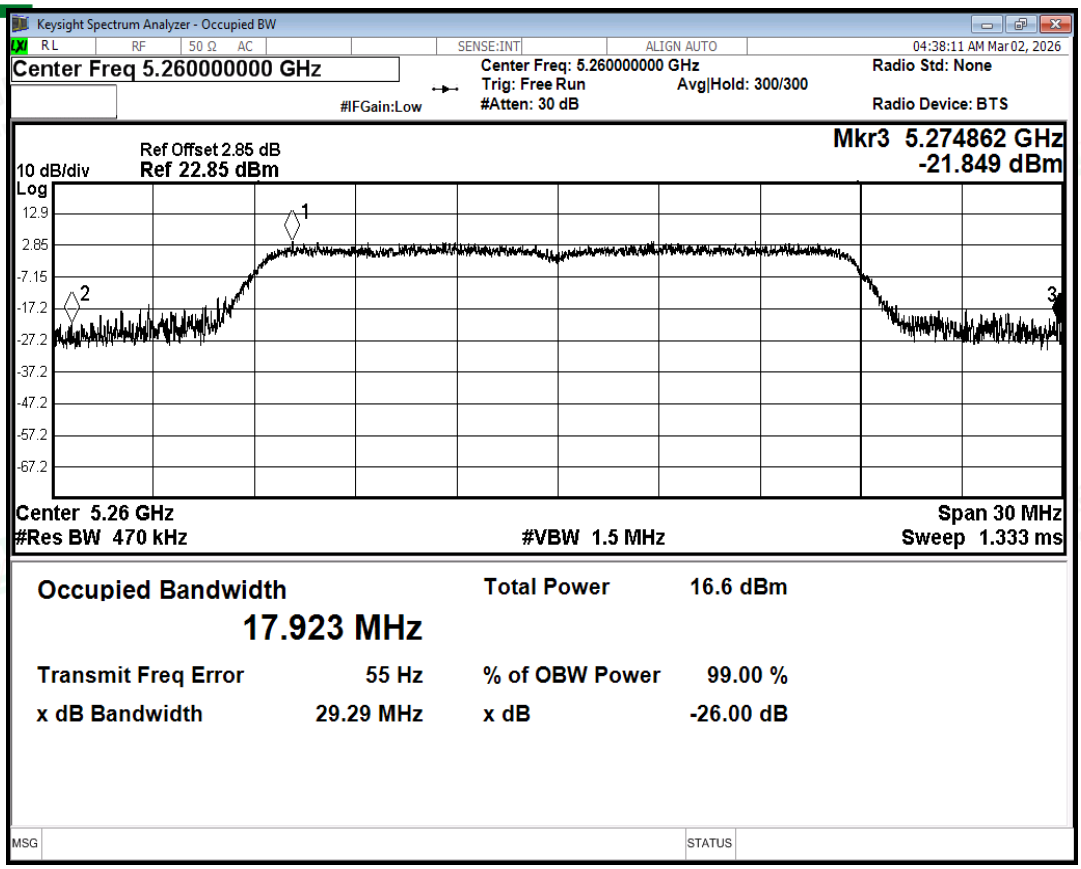
-26dB Bandwidth NVNT ac40 5270MHz Ant1



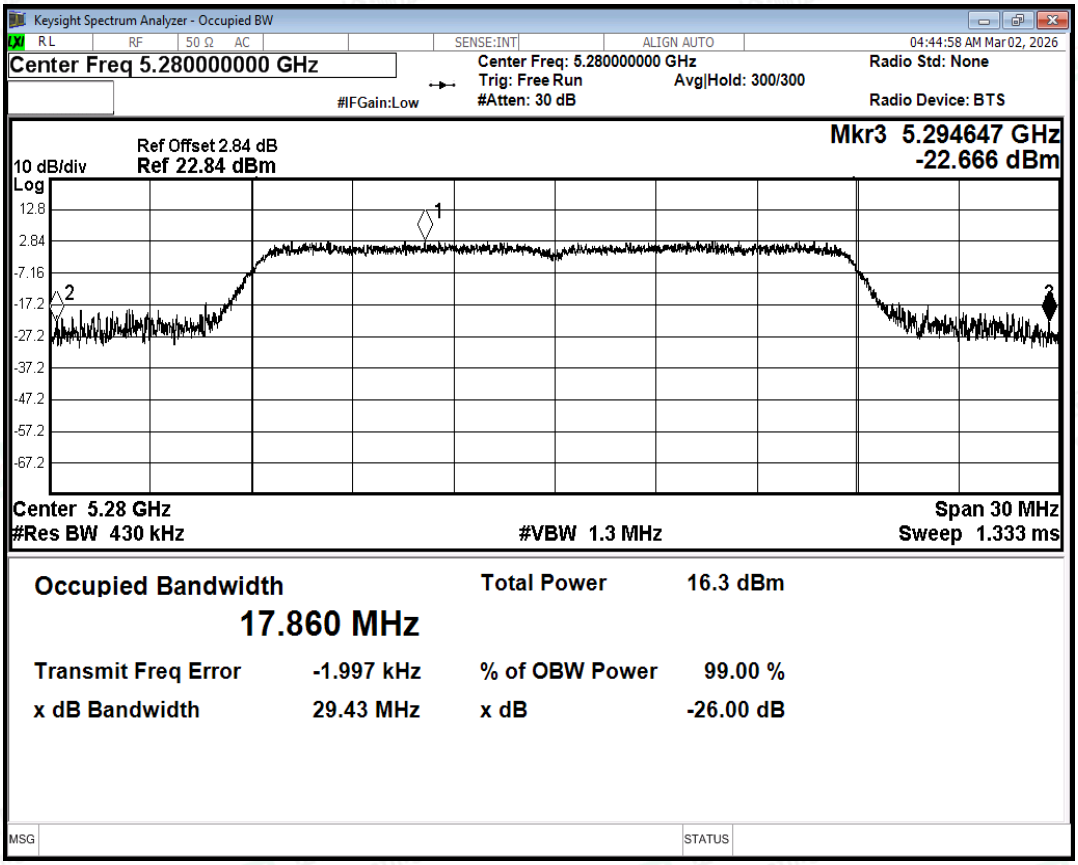
-26dB Bandwidth NVNT ac40 5310MHz Ant1



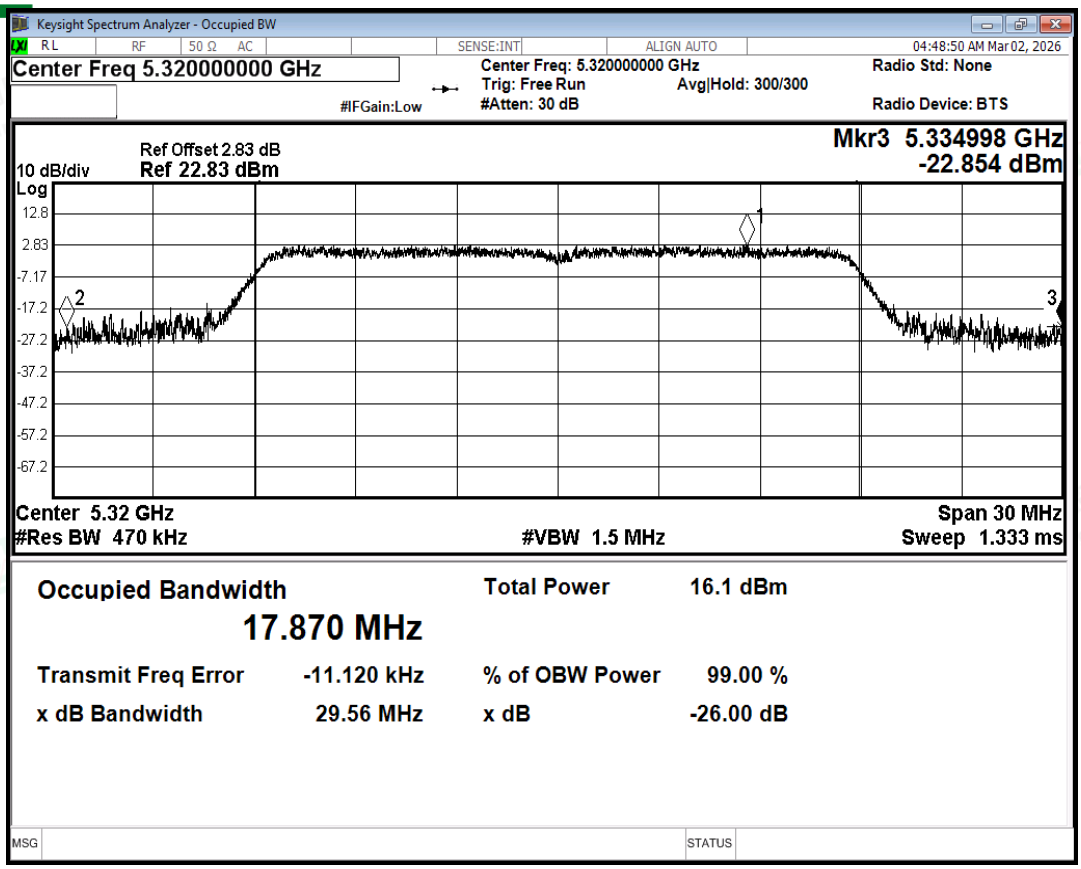
-26dB Bandwidth NVNT ac80 5290MHz Ant1



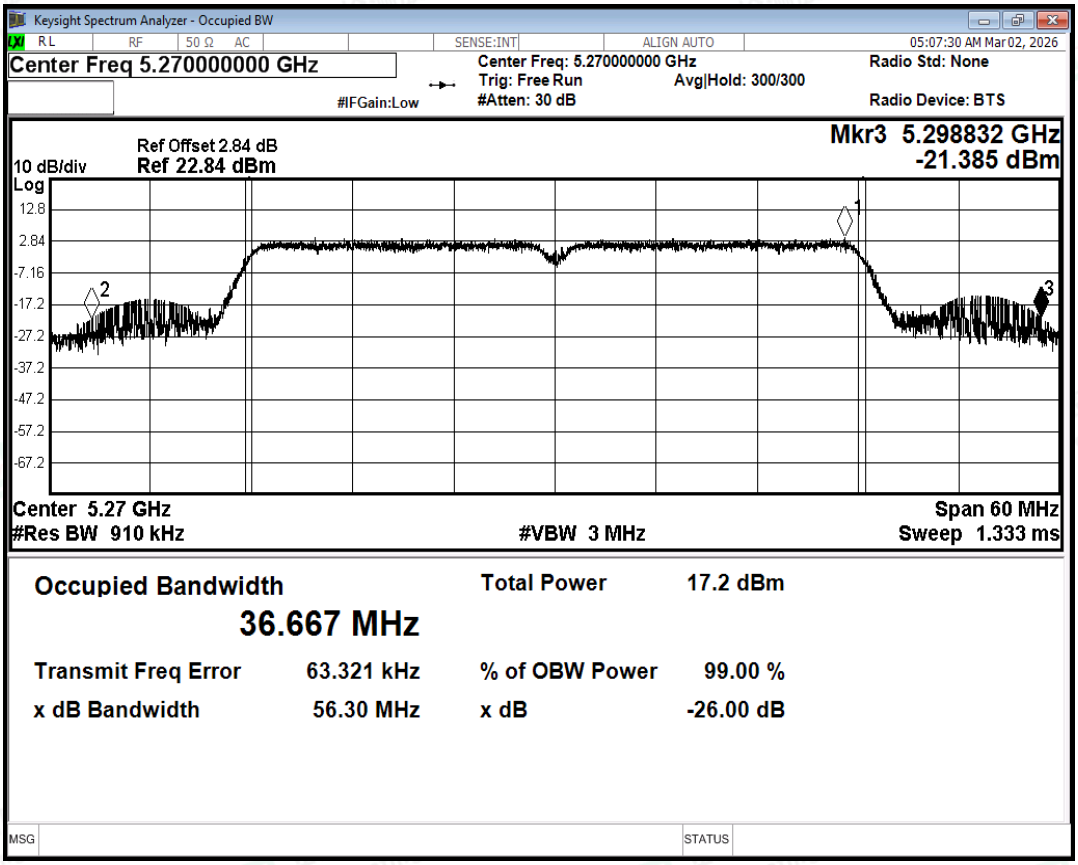
-26dB Bandwidth NVNT ax20 5260MHz Ant1



-26dB Bandwidth NVNT ax20 5280MHz Ant1



-26dB Bandwidth NVNT ax20 5320MHz Ant1



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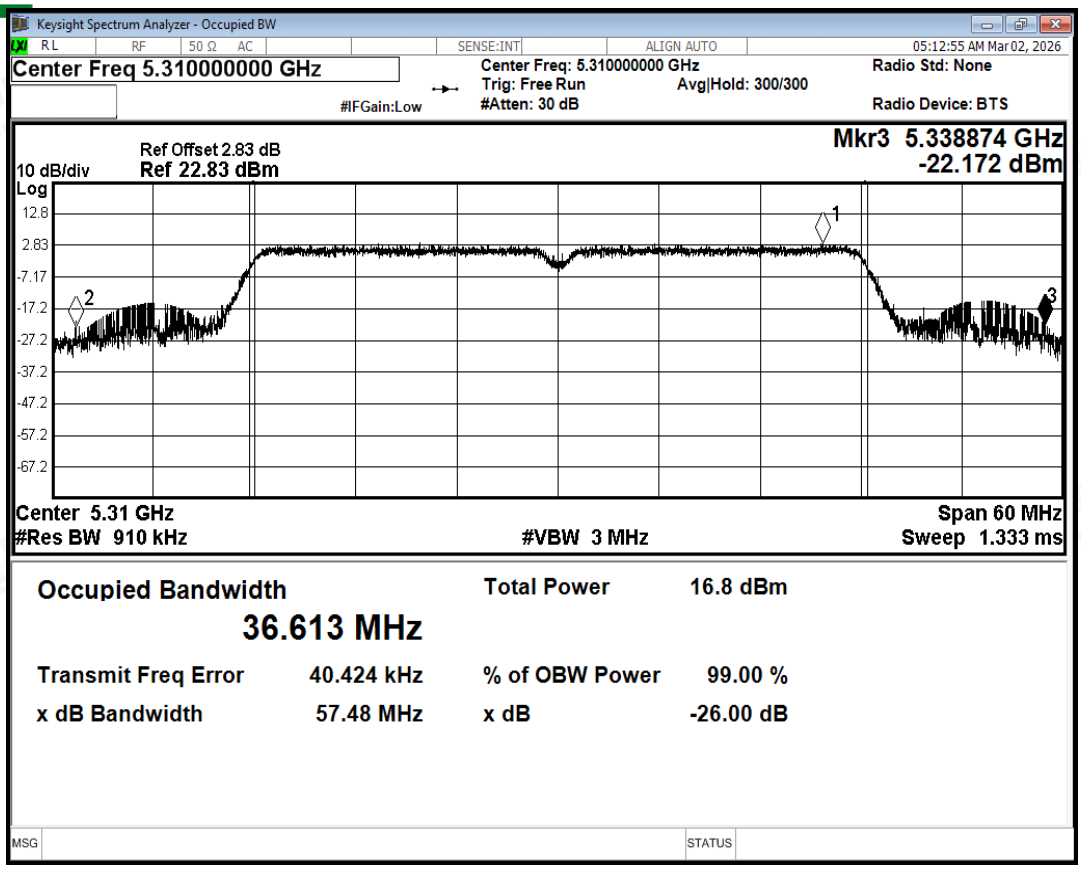
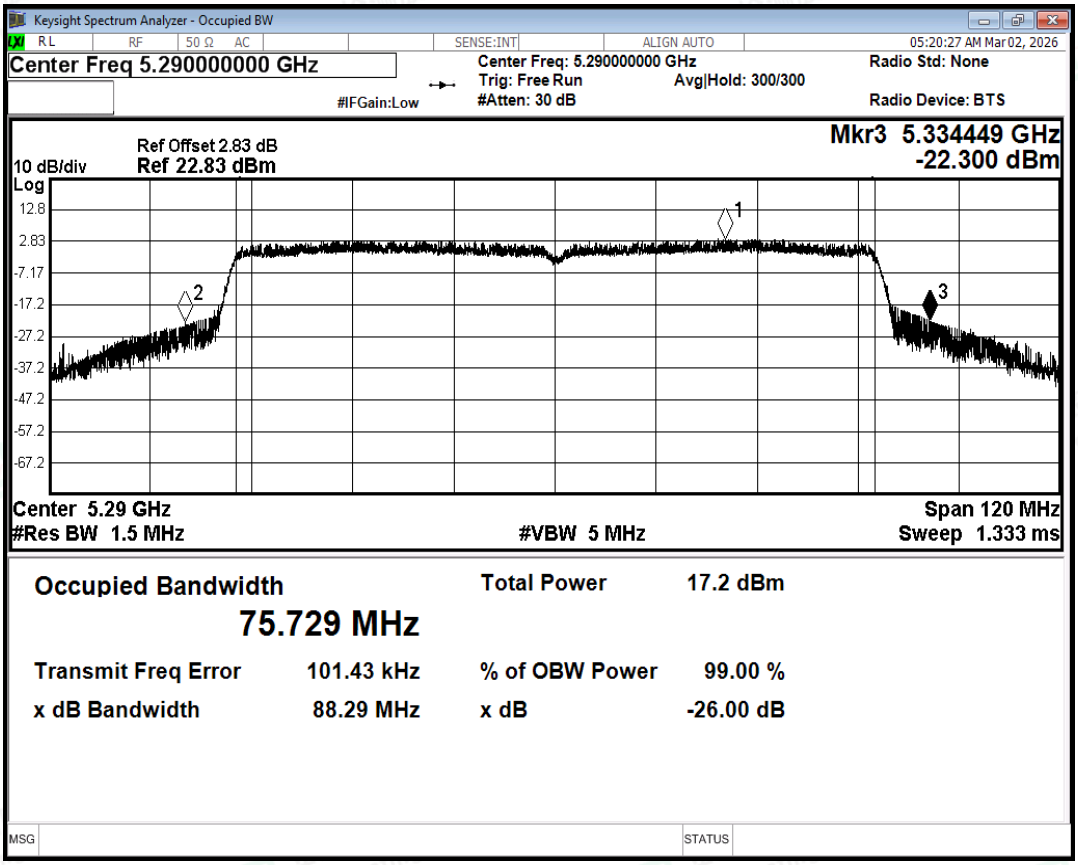


-26dB Bandwidth NVNT ax40 5310MHz Ant1



-26dB Bandwidth NVNT ax80 5290MHz Ant1

E.2 Maximum Conducted Output Power

26-tone RU

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Conducted Power (dBm)	Limit Conducted(dBm)	Verdict
NVNT	ax20	5260	Ant1	12.3	0.31	12.61	24	Pass
NVNT	ax20	5280	Ant1	12.39	0.31	12.7	24	Pass
NVNT	ax20	5320	Ant1	12.03	0.27	12.3	24	Pass
NVNT	ax40	5270	Ant1	11.07	0.51	11.58	24	Pass
NVNT	ax40	5310	Ant1	10.97	0.51	11.48	24	Pass
NVNT	ax80	5290	Ant1	9.98	0.97	10.95	24	Pass

52-tone RU

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Conducted Power (dBm)	Limit Conducted(dBm)	Verdict
NVNT	ax20	5260	Ant1	12.08	0.31	12.39	24	Pass
NVNT	ax20	5280	Ant1	12.18	0.31	12.49	24	Pass
NVNT	ax20	5320	Ant1	11.82	0.27	12.09	24	Pass
NVNT	ax40	5270	Ant1	11.02	0.51	11.53	24	Pass
NVNT	ax40	5310	Ant1	10.79	0.51	11.30	24	Pass
NVNT	ax80	5290	Ant1	9.90	0.97	10.87	24	Pass

106-tone RU

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Conducted Power (dBm)	Limit Conducted(dBm)	Verdict
NVNT	ax20	5260	Ant1	12.11	0.31	12.42	24	Pass
NVNT	ax20	5280	Ant1	12.23	0.31	12.54	24	Pass
NVNT	ax20	5320	Ant1	11.87	0.27	12.14	24	Pass
NVNT	ax40	5270	Ant1	10.87	0.51	11.38	24	Pass
NVNT	ax40	5310	Ant1	10.90	0.51	11.41	24	Pass
NVNT	ax80	5290	Ant1	9.86	0.97	10.83	24	Pass

242-tone RU

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Conducted Power (dBm)	Limit Conducted(dBm)	Verdict
NVNT	ax20	5260	Ant1	12.25	0.31	12.56	24	Pass
NVNT	ax20	5280	Ant1	12.34	0.31	12.65	24	Pass
NVNT	ax20	5320	Ant1	11.87	0.27	12.14	24	Pass
NVNT	ax40	5270	Ant1	10.95	0.51	11.46	24	Pass
NVNT	ax40	5310	Ant1	10.90	0.51	11.41	24	Pass
NVNT	ax80	5290	Ant1	9.78	0.97	10.75	24	Pass

484-tone RU

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Conducted Power (dBm)	Limit Conducted(dBm)	Verdict
NVNT	ax40	5270	Ant1	10.85	0.51	11.36	24	Pass
NVNT	ax40	5310	Ant1	10.94	0.51	11.45	24	Pass
NVNT	ax80	5290	Ant1	9.82	0.97	10.79	24	Pass

996-tone RU

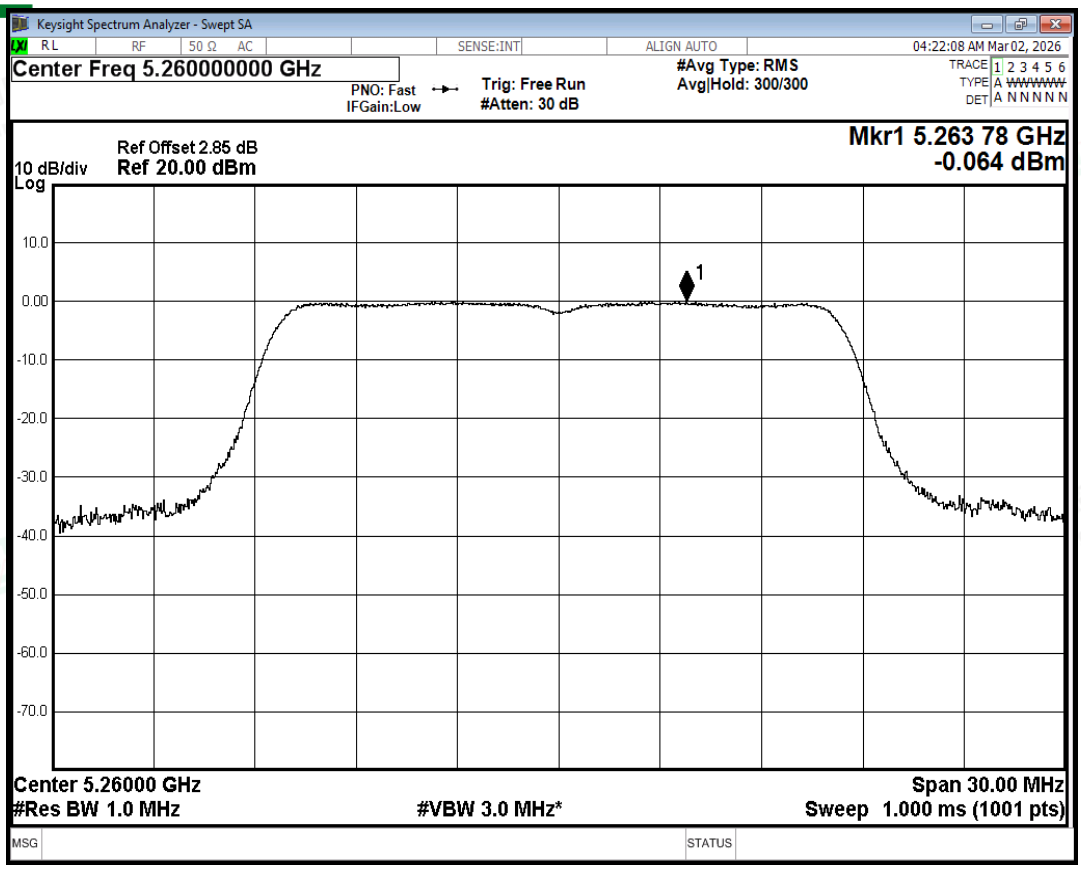
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Conducted Power (dBm)	Limit Conducted(dBm)	Verdict
NVNT	ax80	5290	Ant1	9.80	0.97	10.77	24	Pass

Full RU

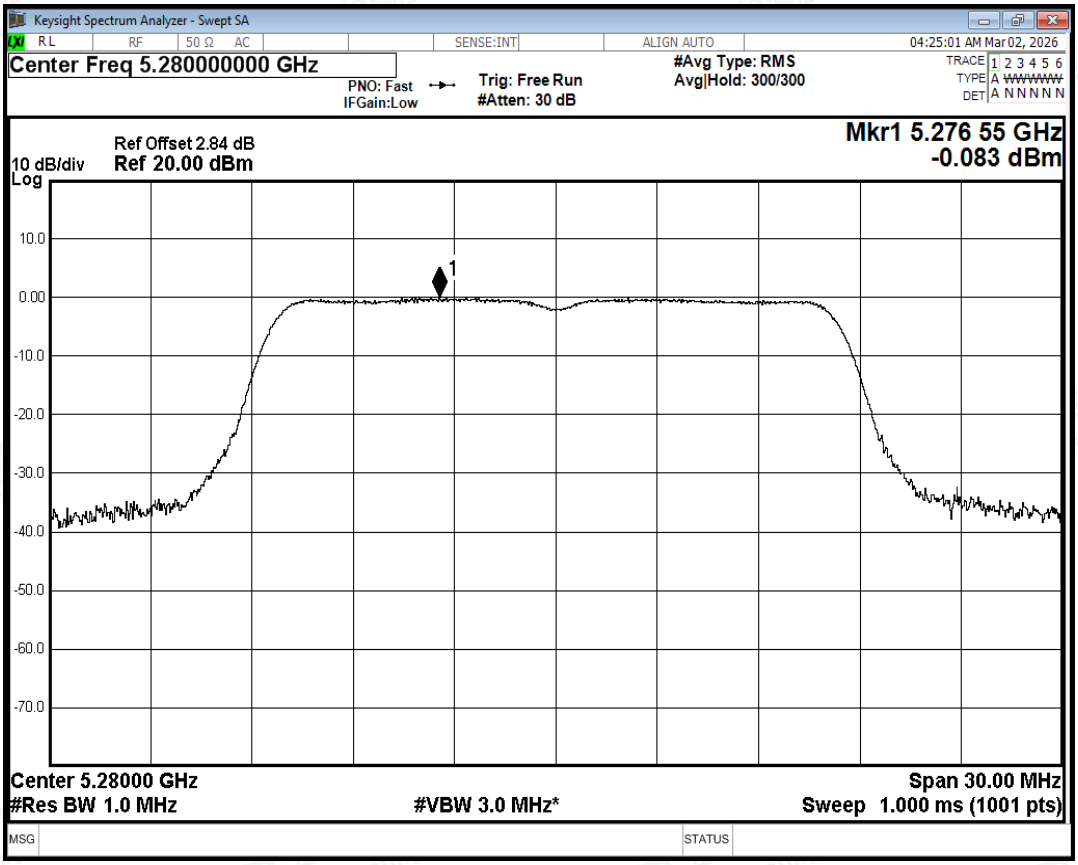
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Conducted Power (dBm)	Limit Conducted(dBm)	Verdict
NVNT	a	5260	Ant1	13.14	0.23	13.37	24	Pass
NVNT	a	5280	Ant1	13.07	0.27	13.34	24	Pass
NVNT	a	5320	Ant1	12.68	0.27	12.95	24	Pass
NVNT	n20	5260	Ant1	12.56	0.32	12.88	24	Pass
NVNT	n20	5280	Ant1	9.8	0.27	10.07	24	Pass
NVNT	n20	5320	Ant1	12.21	0.27	12.48	24	Pass
NVNT	n40	5270	Ant1	11.25	0.52	11.77	24	Pass
NVNT	n40	5310	Ant1	11.13	0.52	11.65	24	Pass
NVNT	ac20	5260	Ant1	12.77	0.31	13.08	24	Pass
NVNT	ac20	5280	Ant1	12.5	0.27	12.77	24	Pass
NVNT	ac20	5320	Ant1	12.3	0.27	12.57	24	Pass
NVNT	ac40	5270	Ant1	11.27	0.51	11.78	24	Pass
NVNT	ac40	5310	Ant1	11.18	0.51	11.69	24	Pass
NVNT	ac80	5290	Ant1	10.16	0.93	11.09	24	Pass
NVNT	ax20	5260	Ant1	12.68	0.31	12.99	24	Pass
NVNT	ax20	5280	Ant1	12.62	0.31	12.93	24	Pass
NVNT	ax20	5320	Ant1	12.23	0.27	12.5	24	Pass
NVNT	ax40	5270	Ant1	11.29	0.51	11.8	24	Pass
NVNT	ax40	5310	Ant1	11.12	0.51	11.63	24	Pass
NVNT	ax80	5290	Ant1	10.26	0.97	11.23	24	Pass

E.3 Maximum Power Spectral Density Level

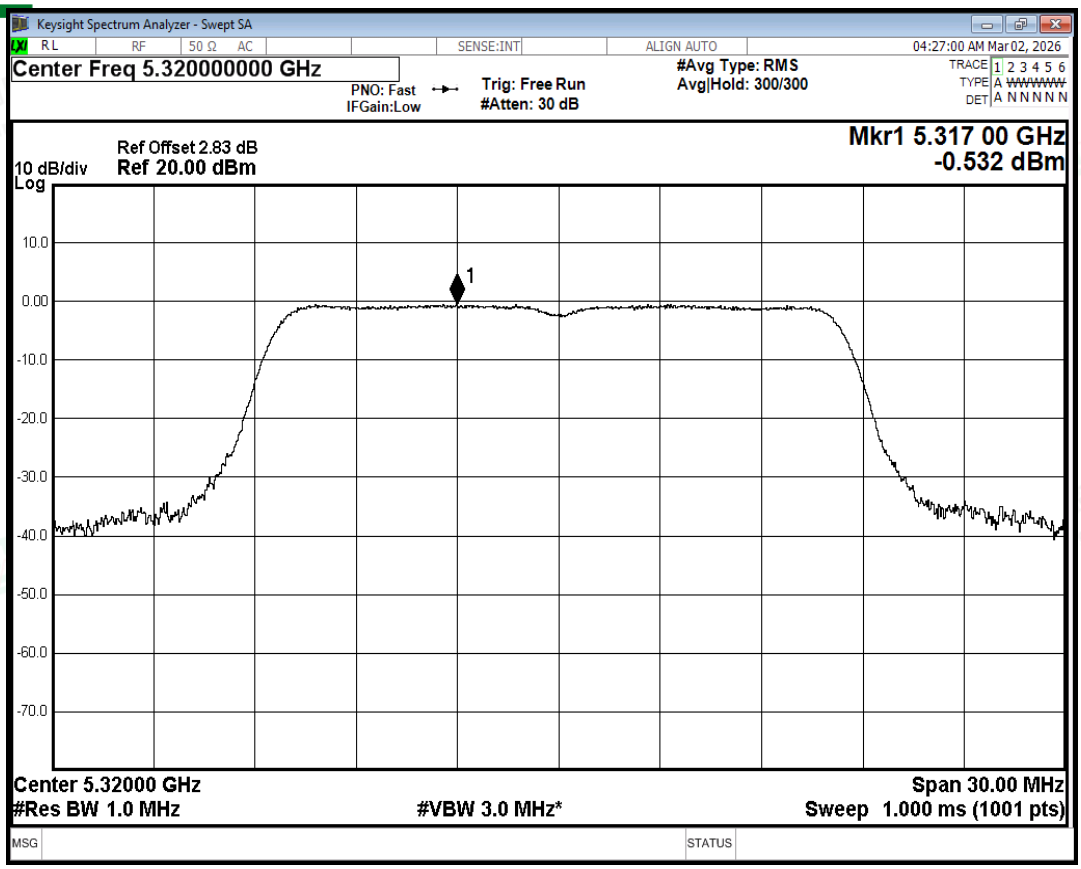
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/MHz)	Duty Factor (dB)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
NVNT	a	5260	Ant1	-0.06	0.23	0.17	11	Pass
NVNT	a	5280	Ant1	-0.08	0.27	0.19	11	Pass
NVNT	a	5320	Ant1	-0.53	0.27	-0.26	11	Pass
NVNT	n20	5260	Ant1	-1.8	0.32	-1.48	11	Pass
NVNT	n20	5280	Ant1	-1.88	0.27	-1.61	11	Pass
NVNT	n20	5320	Ant1	-2.31	0.27	-2.04	11	Pass
NVNT	n40	5270	Ant1	-5.02	0.52	-4.5	11	Pass
NVNT	n40	5310	Ant1	-5.43	0.52	-4.91	11	Pass
NVNT	ac20	5260	Ant1	-1.65	0.31	-1.34	11	Pass
NVNT	ac20	5280	Ant1	-2.02	0.27	-1.75	11	Pass
NVNT	ac20	5320	Ant1	-2.33	0.27	-2.06	11	Pass
NVNT	ac40	5270	Ant1	-5.15	0.51	-4.64	11	Pass
NVNT	ac40	5310	Ant1	-5.63	0.51	-5.12	11	Pass
NVNT	ac80	5290	Ant1	-8.4	0.93	-7.47	11	Pass
NVNT	ax20	5260	Ant1	-1.72	0.31	-1.41	11	Pass
NVNT	ax20	5280	Ant1	-1.82	0.31	-1.51	11	Pass
NVNT	ax20	5320	Ant1	-2.36	0.27	-2.09	11	Pass
NVNT	ax40	5270	Ant1	-4.95	0.51	-4.44	11	Pass
NVNT	ax40	5310	Ant1	-5.28	0.51	-4.77	11	Pass
NVNT	ax80	5290	Ant1	-8.3	0.97	-7.33	11	Pass



PSD NVNT a 5260MHz Ant1



PSD NVNT a 5280MHz Ant1



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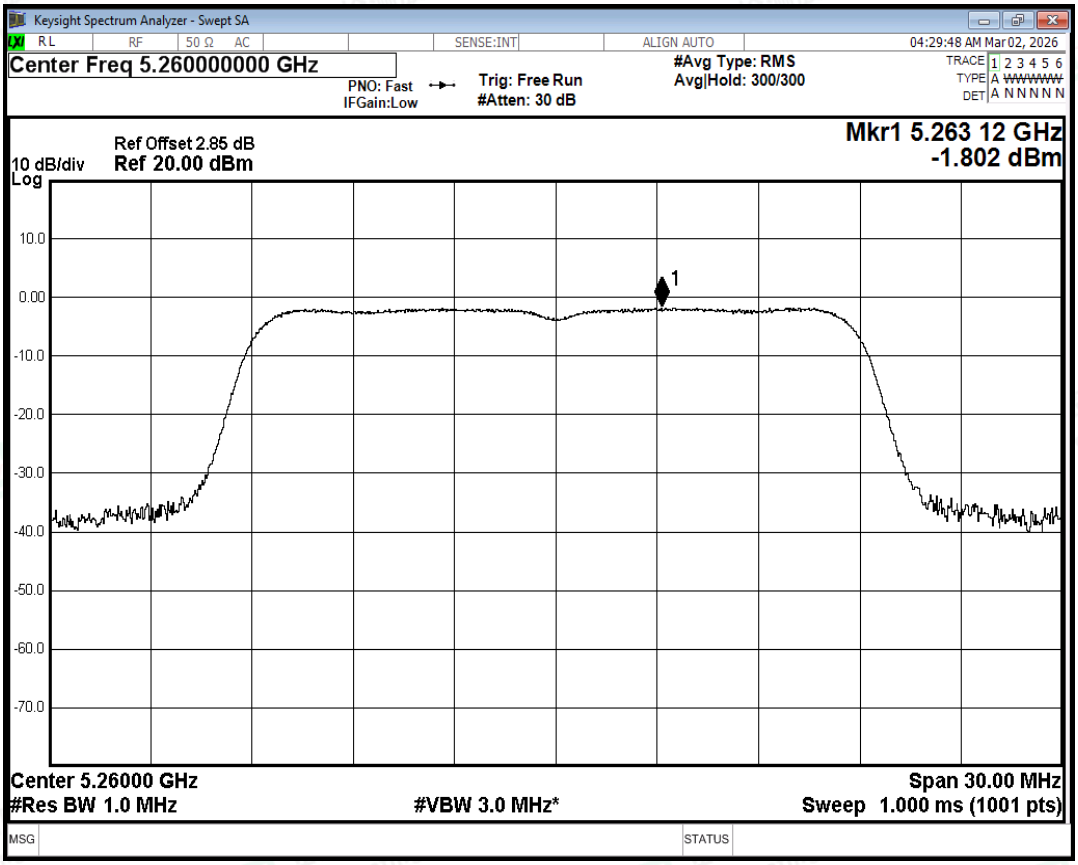
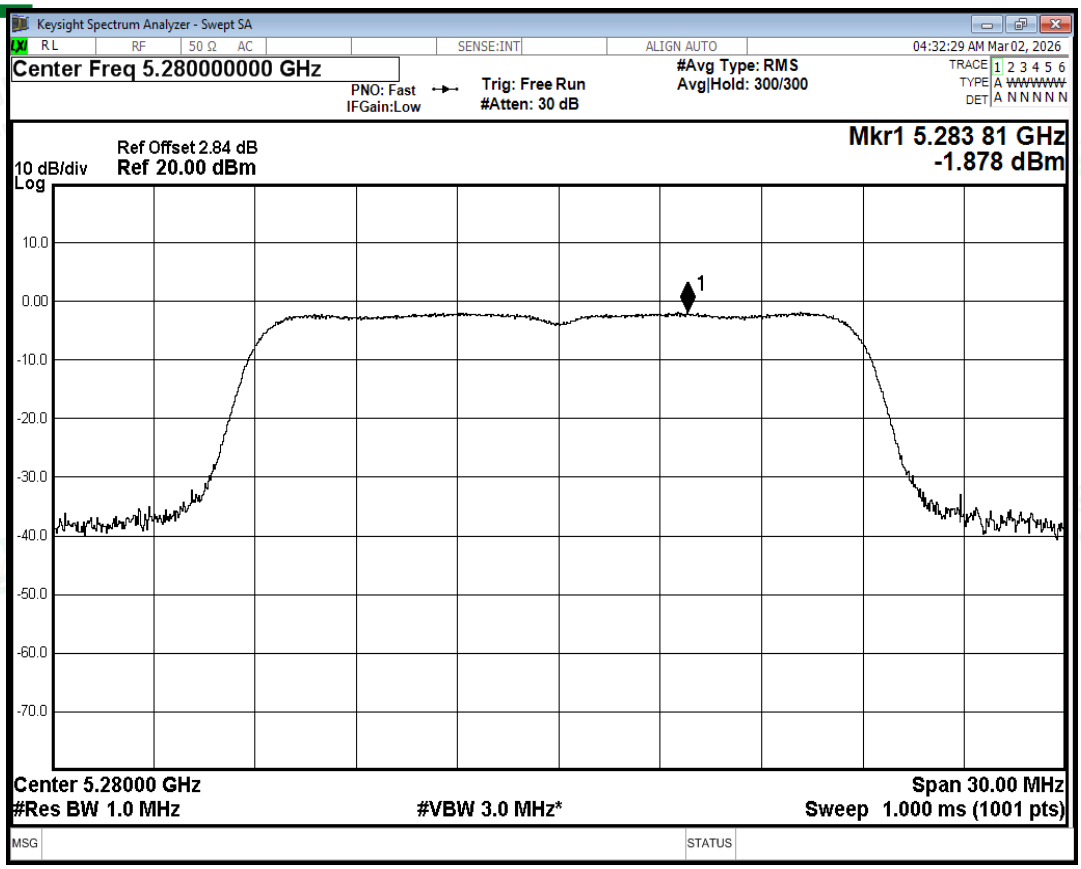
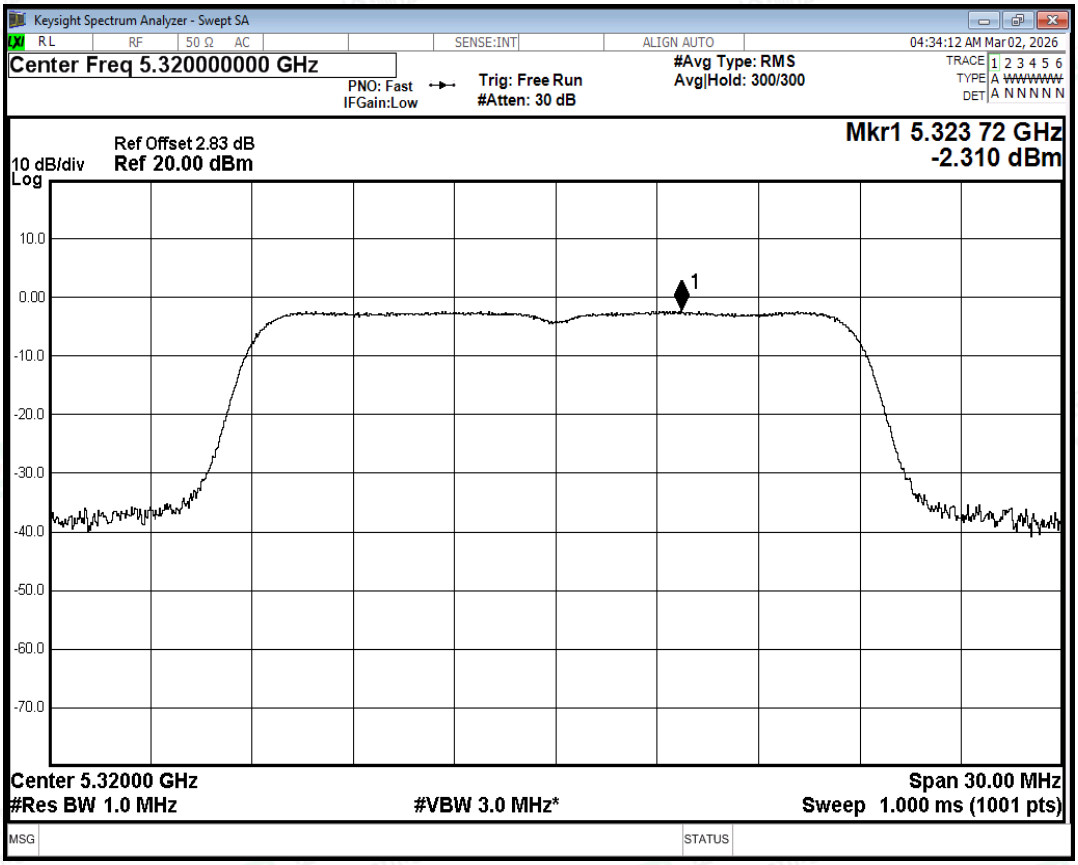


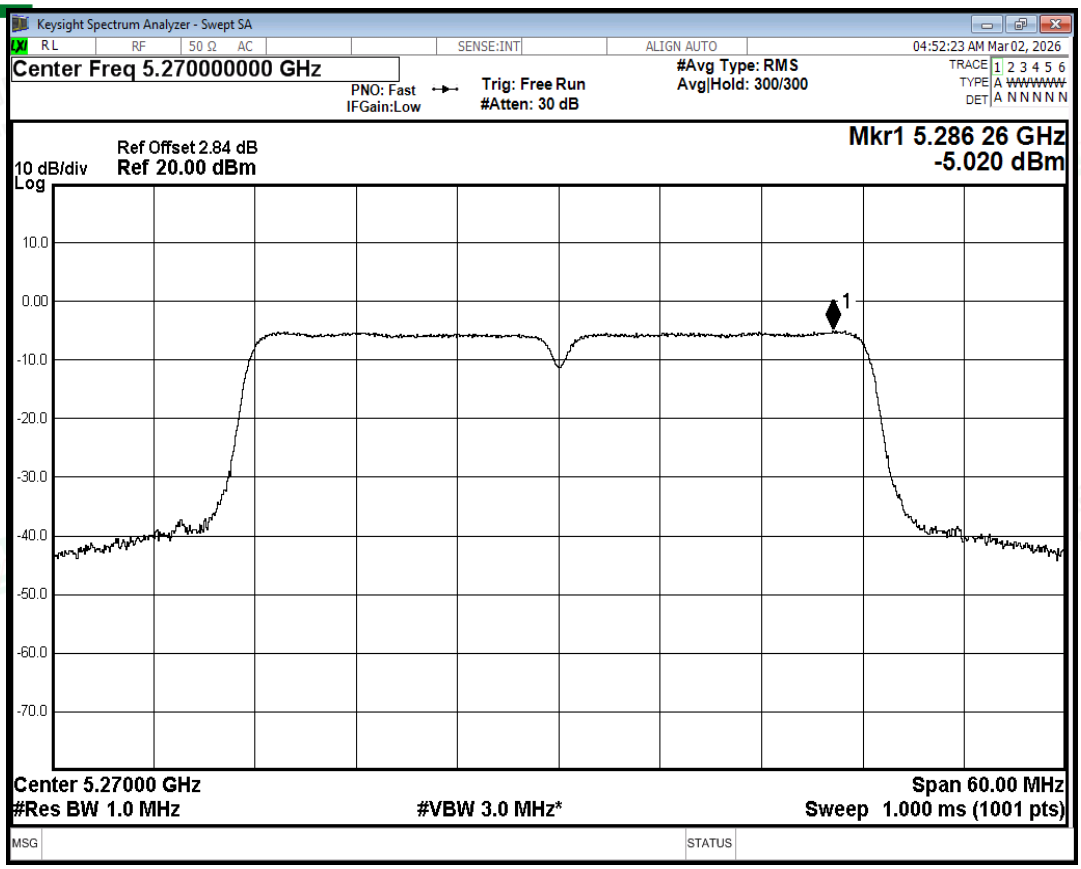
PSD NVNT n20 5260MHz Ant1



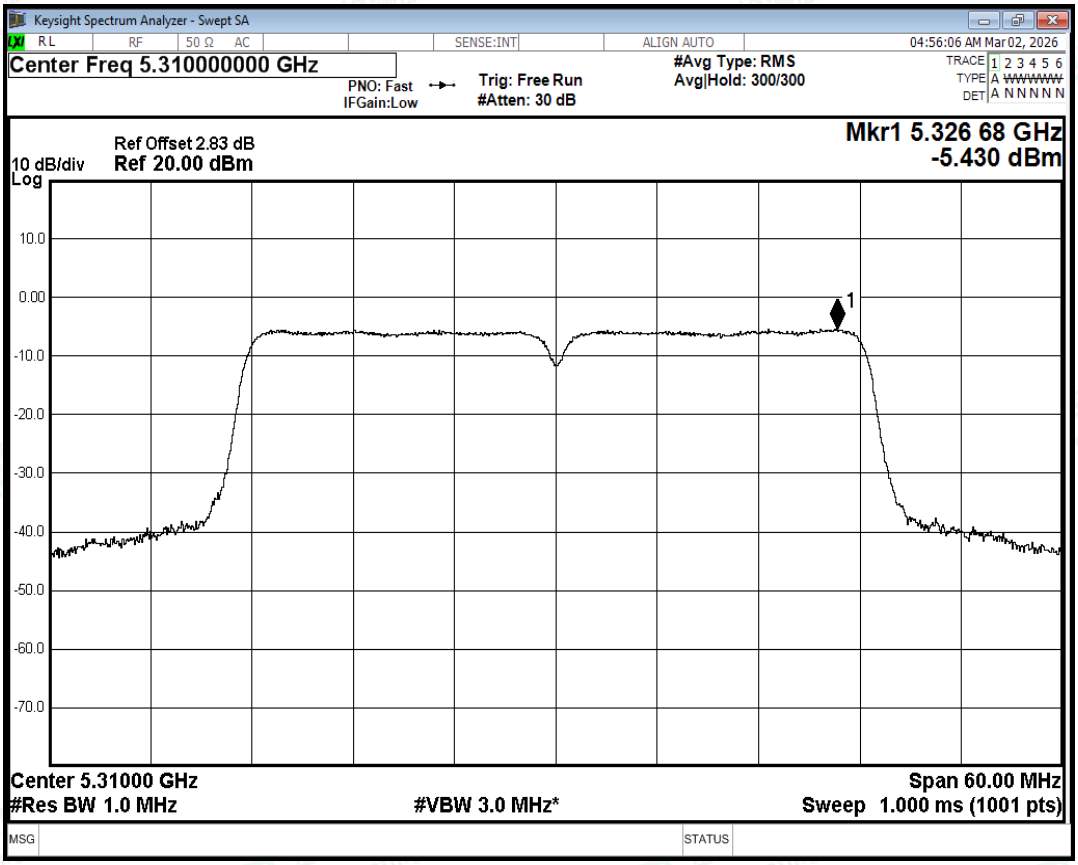
PSD NVNT n20 5280MHz Ant1



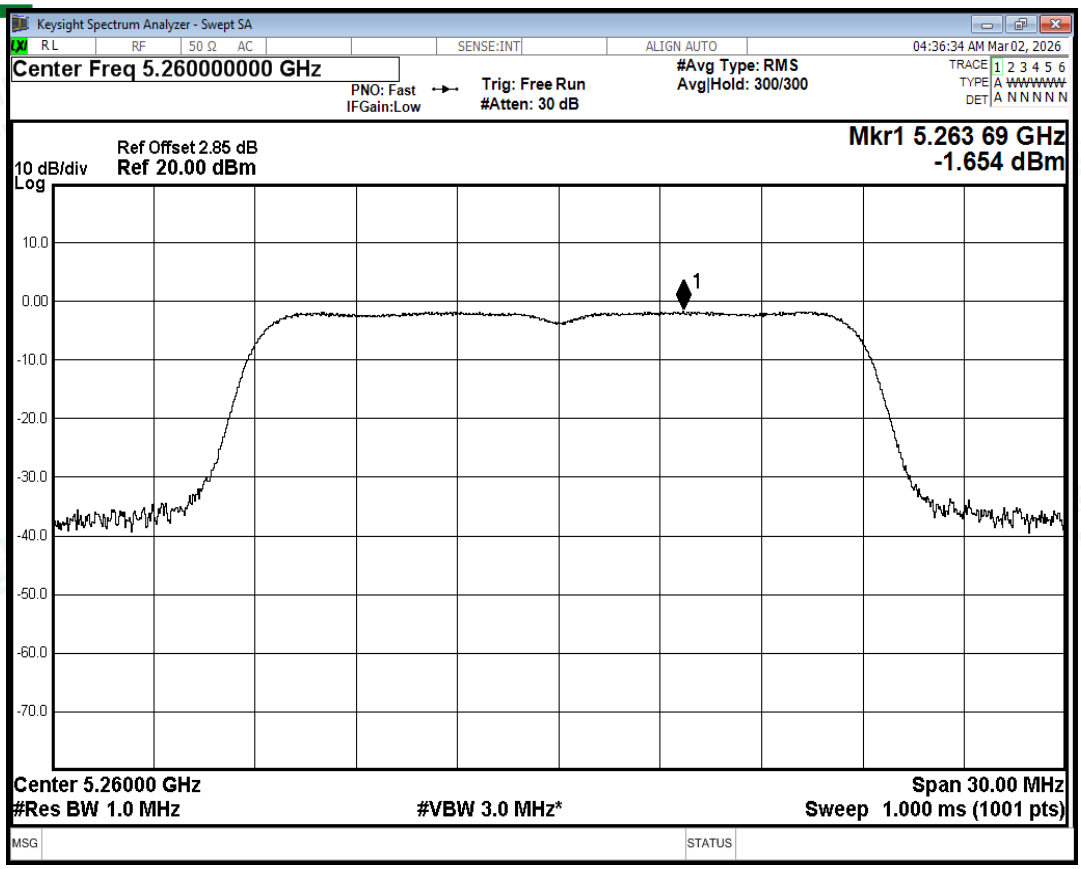
PSD NVNT n20 5320MHz Ant1



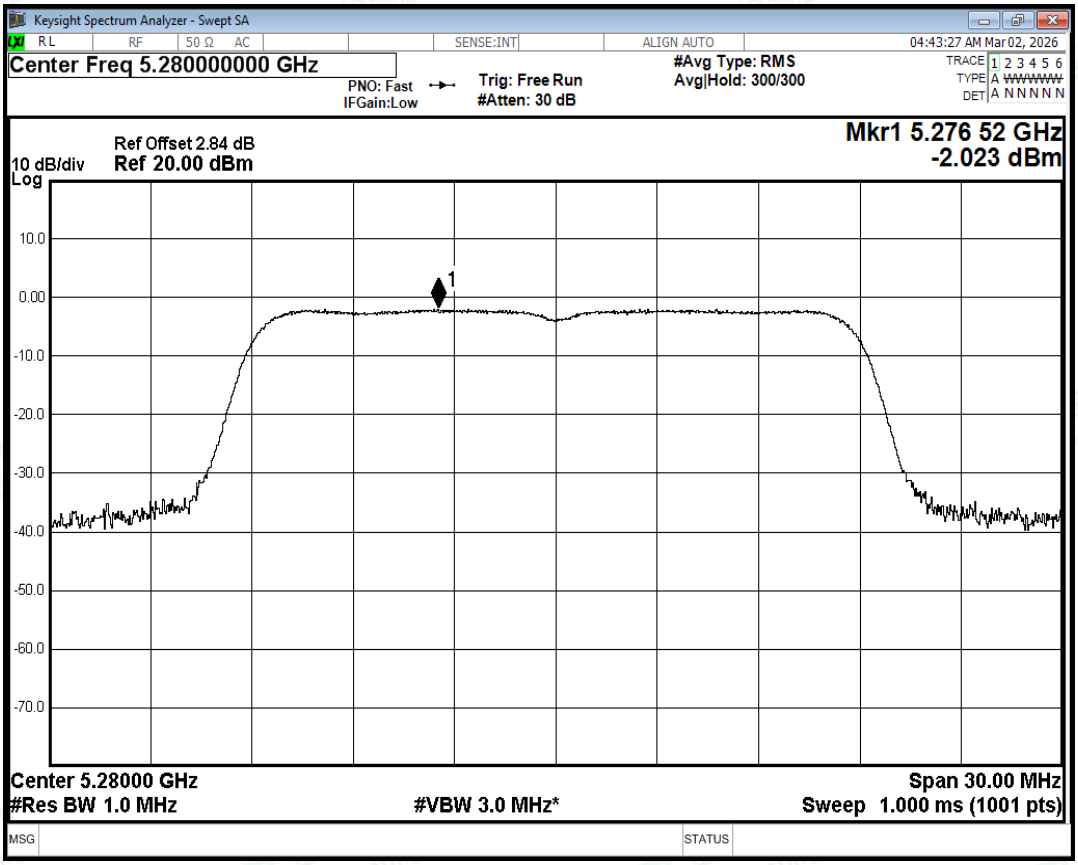
PSD NVNT n40 5270MHz Ant1



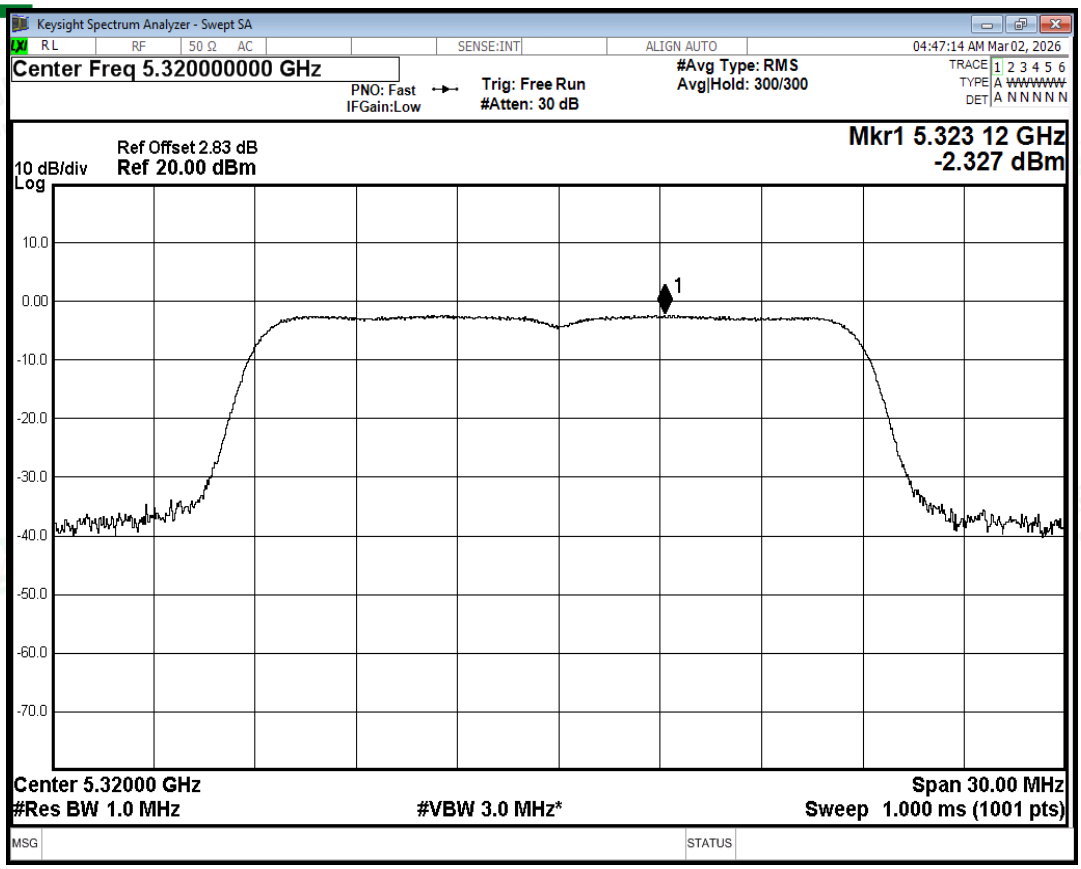
PSD NVNT n40 5310MHz Ant1



PSD NVNT ac20 5260MHz Ant1



PSD NVNT ac20 5280MHz Ant1



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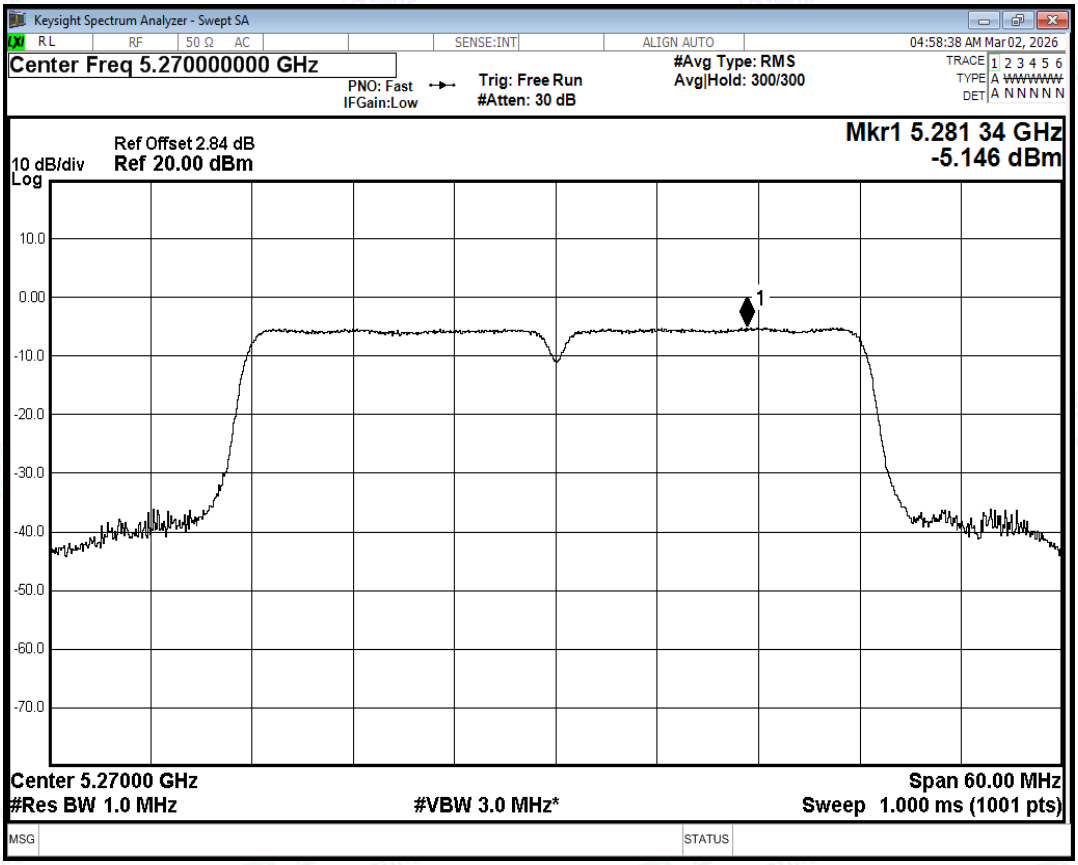
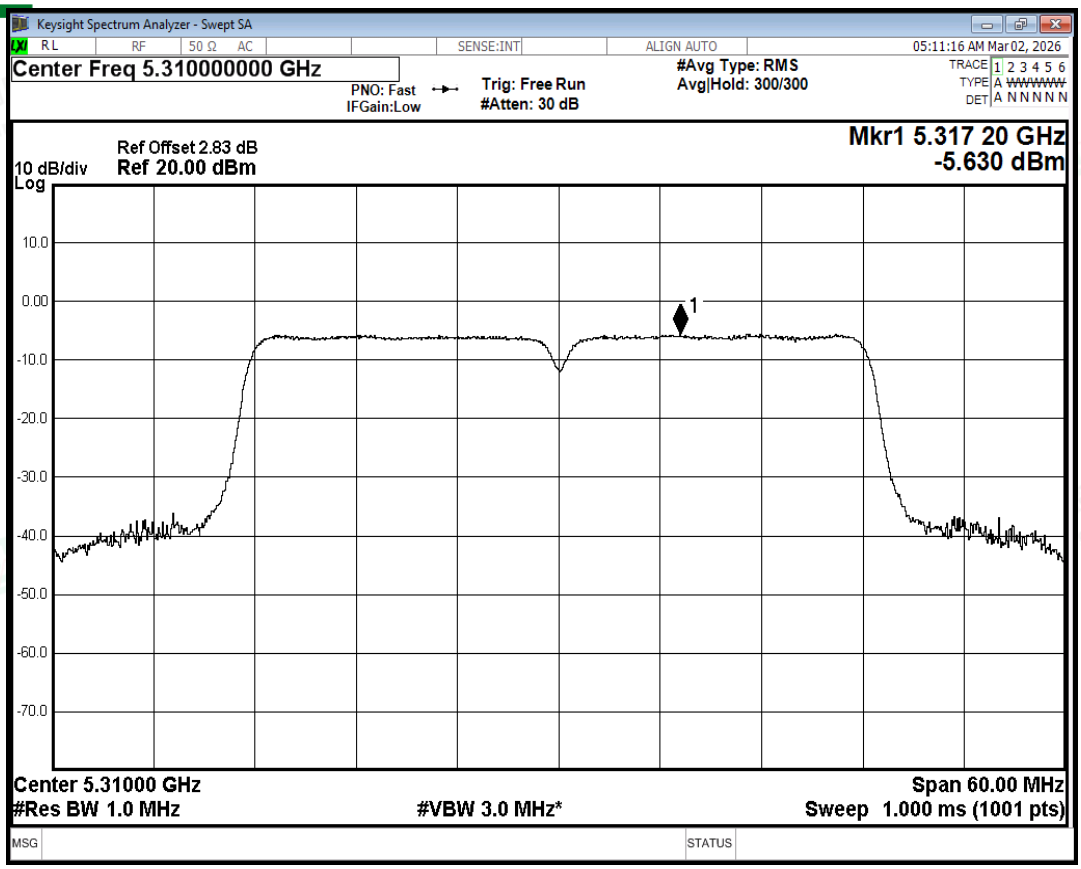
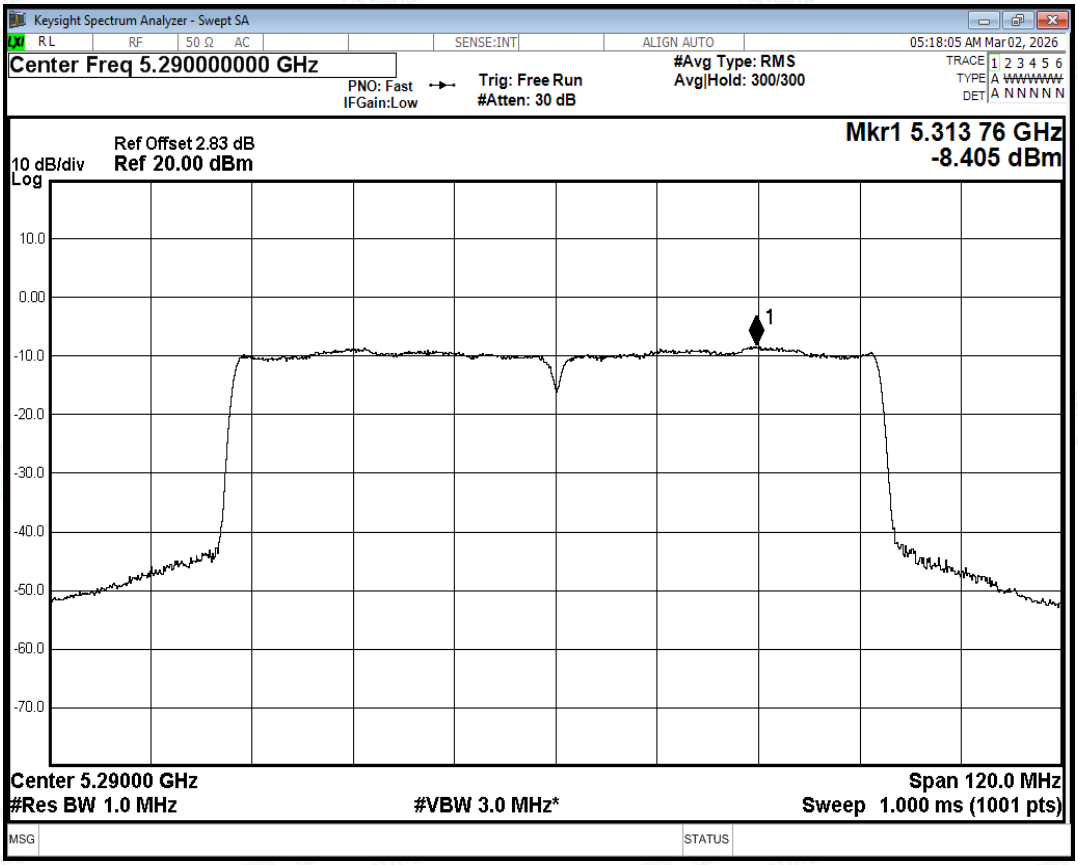


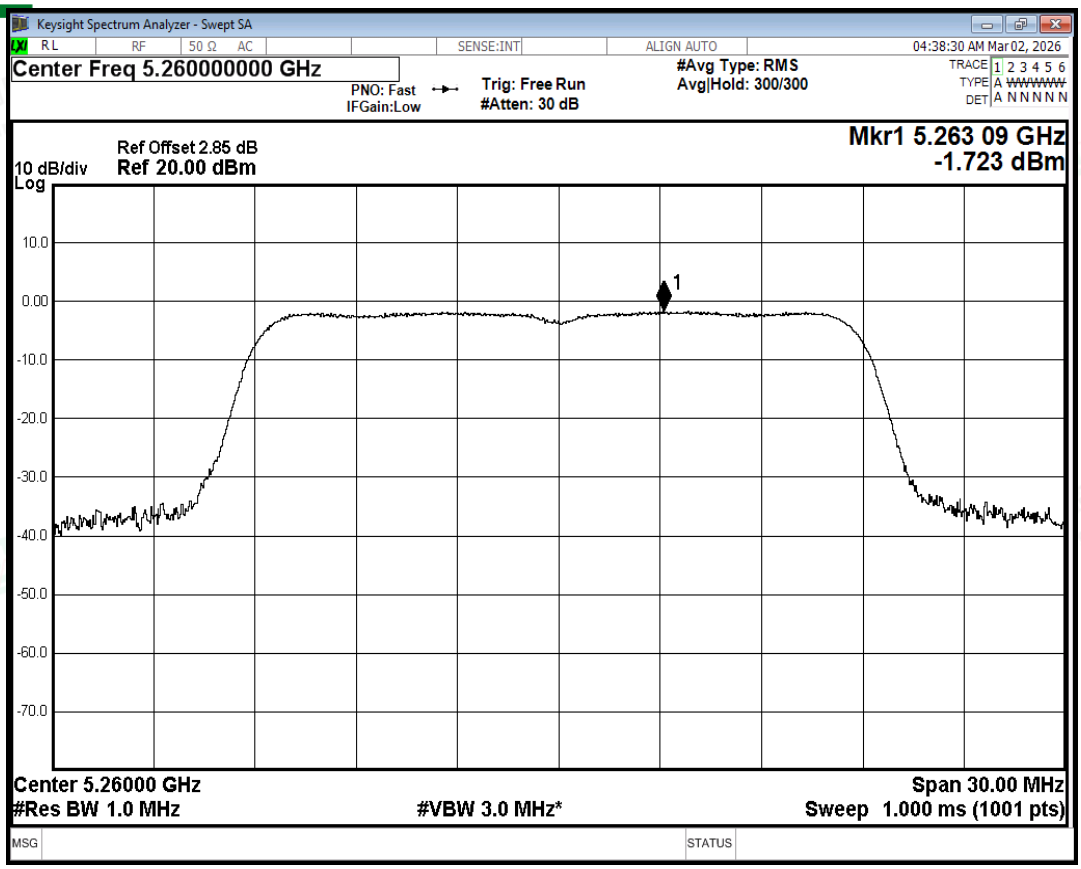
PSD NVNT ac40 5270MHz Ant1



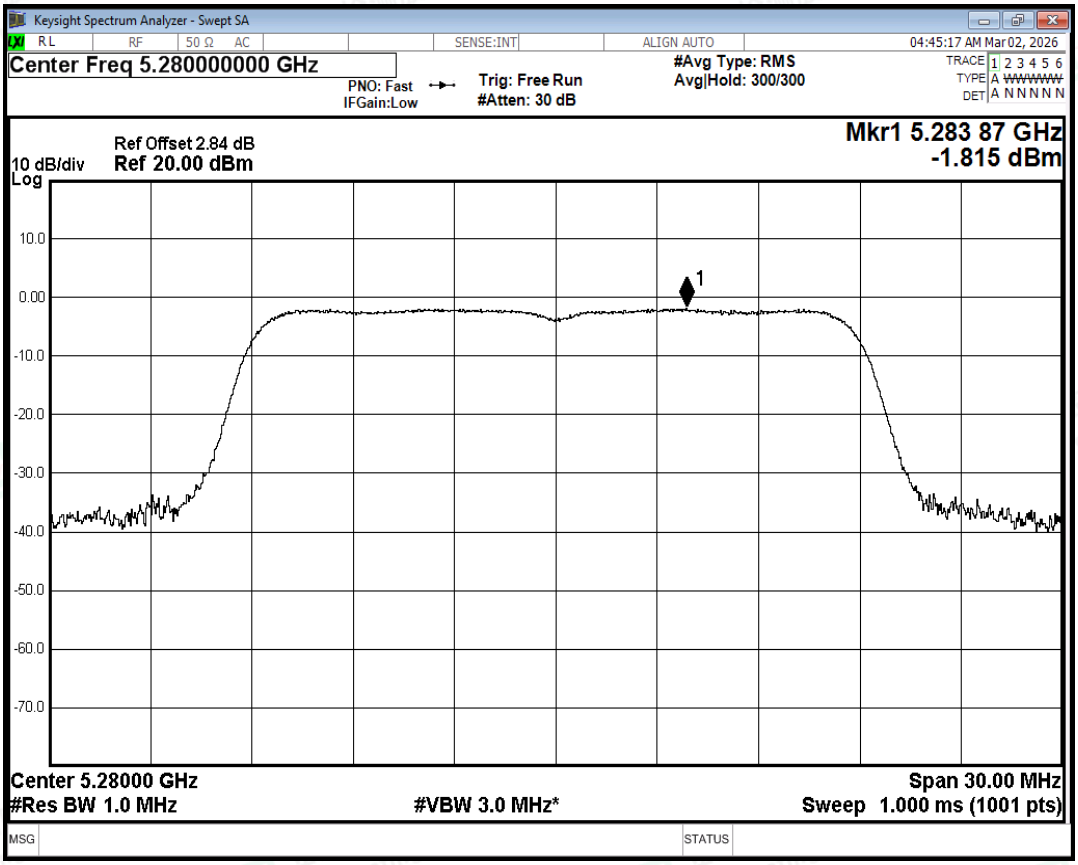
PSD NVNT ac40 5310MHz Ant1



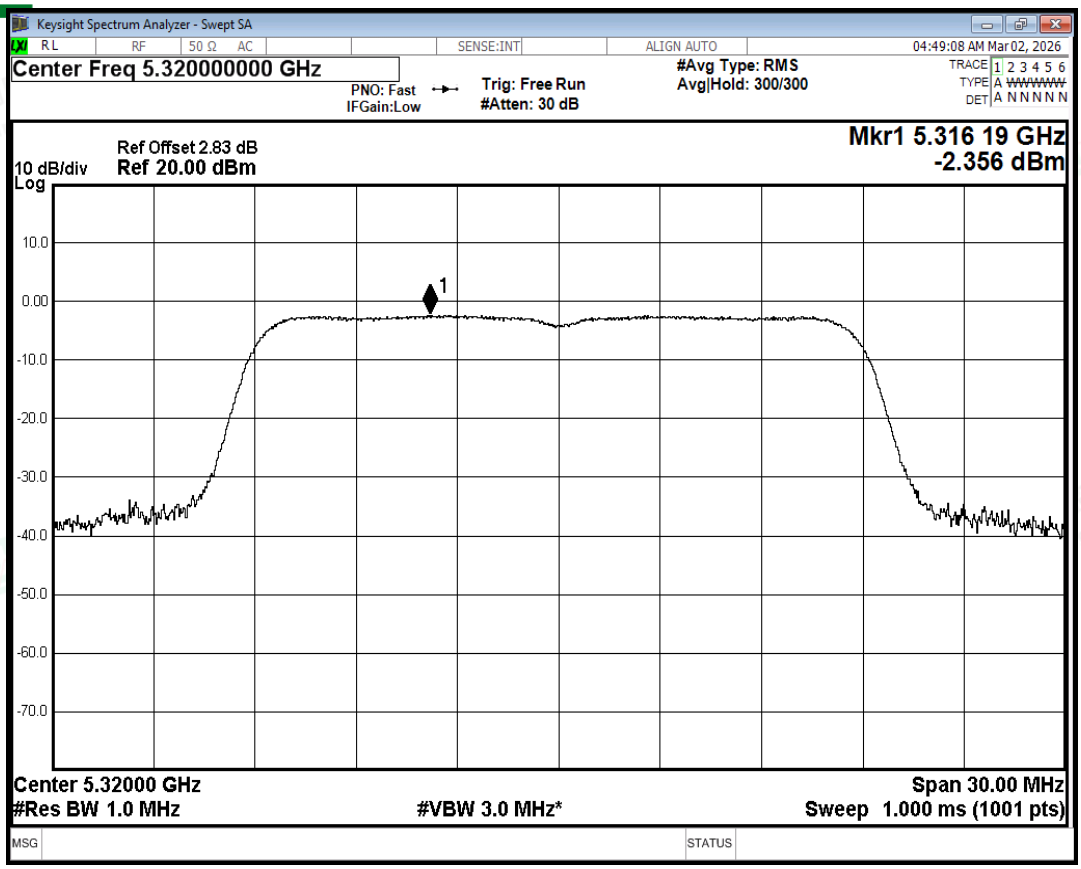
PSD NVNT ac80 5290MHz Ant1



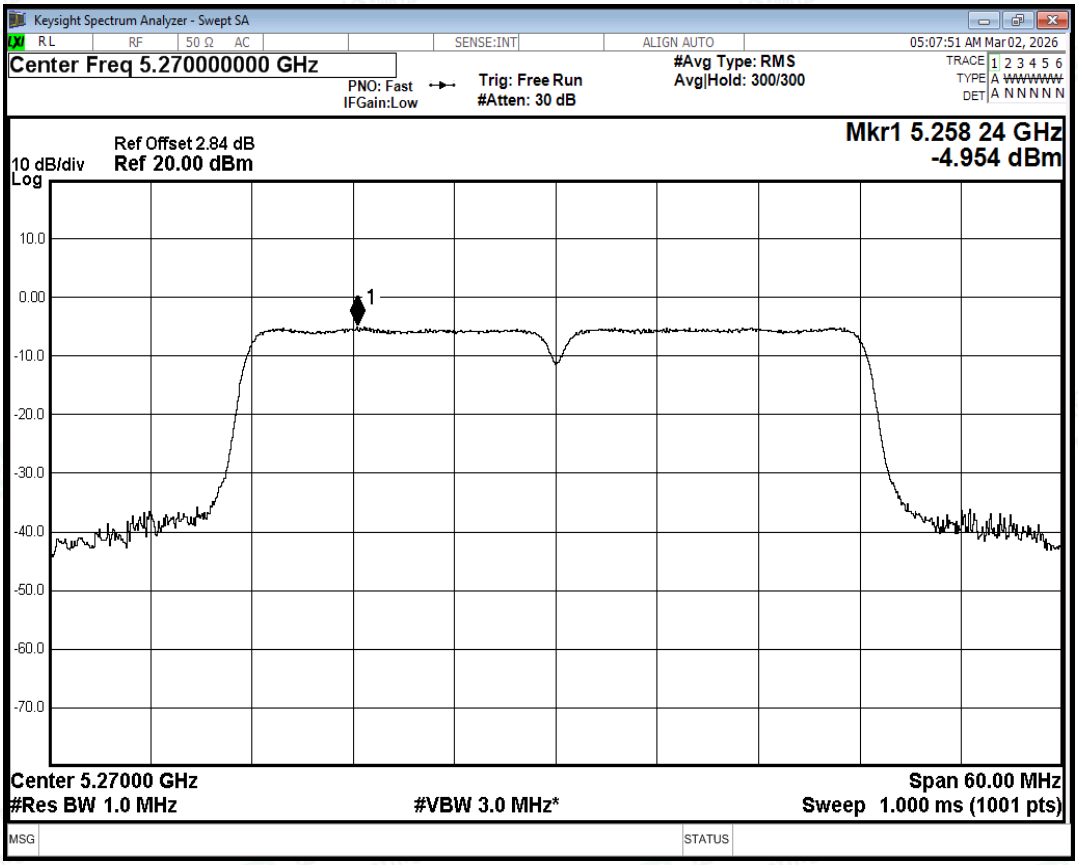
PSD NVNT ax20 5260MHz Ant1



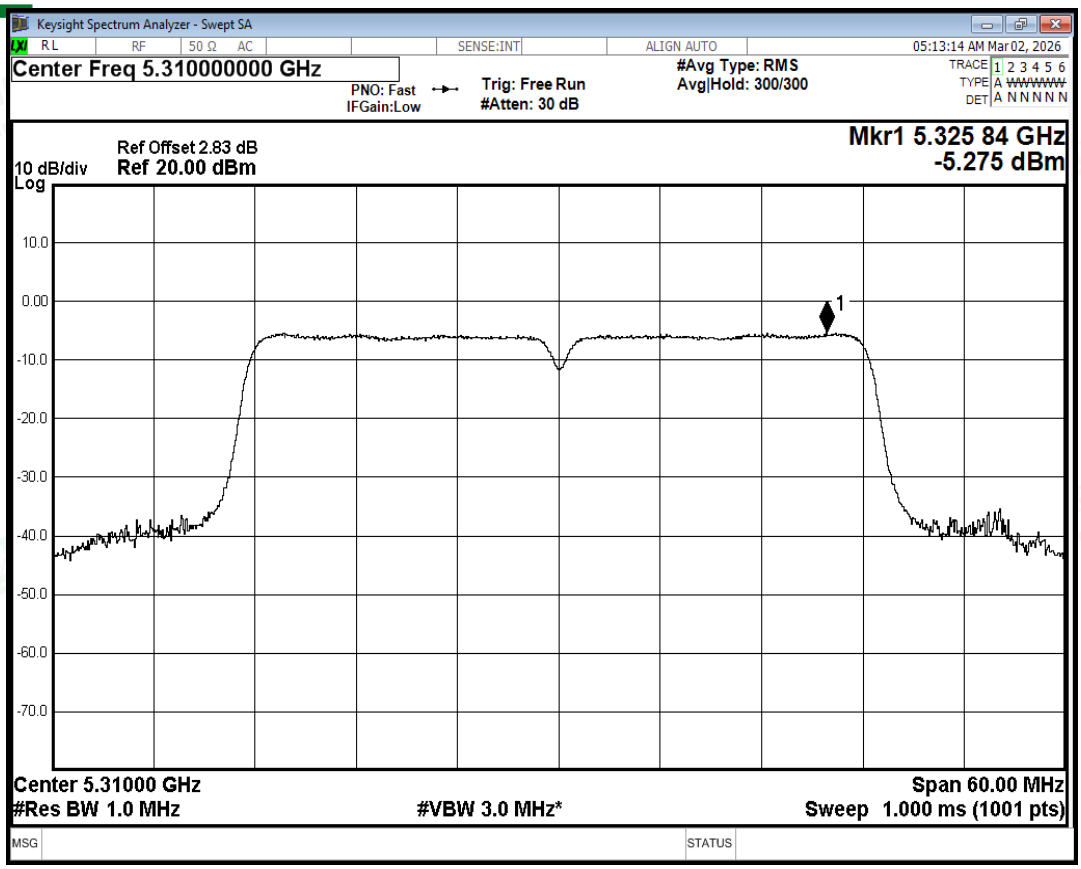
PSD NVNT ax20 5280MHz Ant1



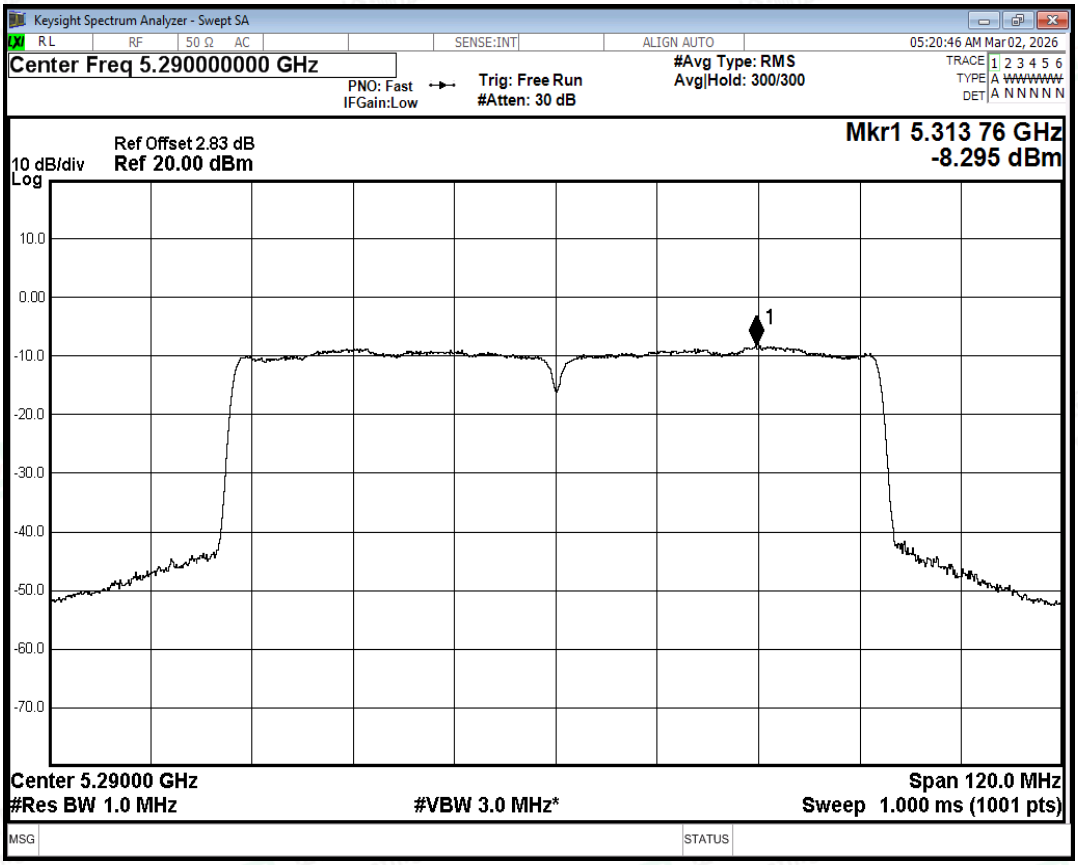
PSD NVNT ax20 5320MHz Ant1



PSD NVNT ax40 5270MHz Ant1



PSD NVNT ax40 5310MHz Ant1



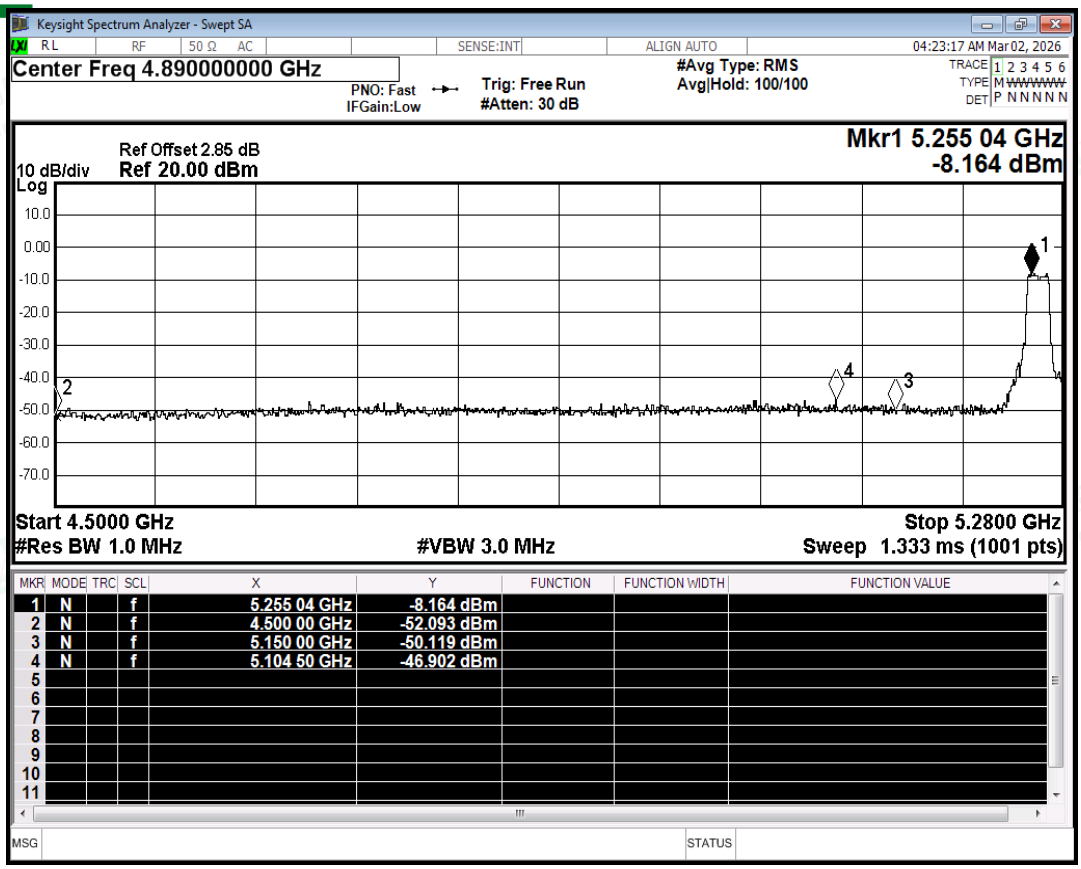
PSD NVNT ax80 5290MHz Ant1

E.4 Restrict Band

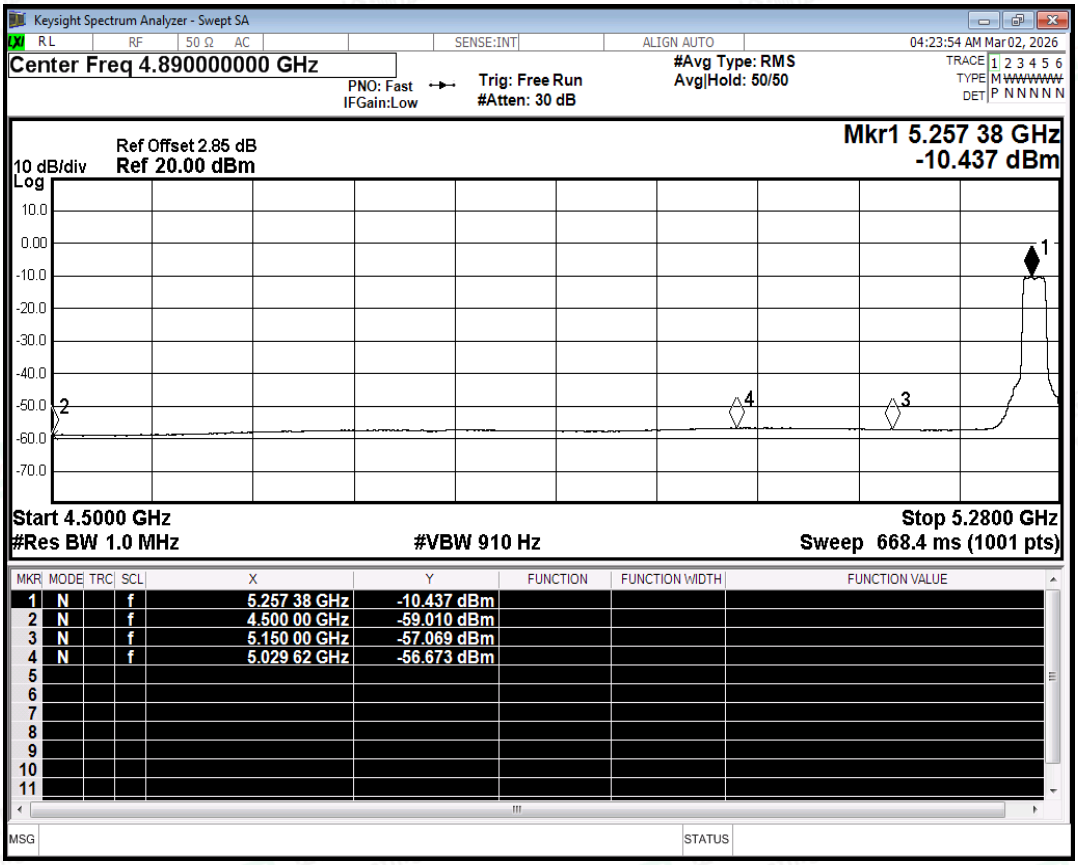
Condition	Mode	Frequency (MHz)	Antenna	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
NVNT	a	5260	Ant1	4500	-52.09	2.19	45.33	Peak	68.2	Pass
NVNT	a	5260	Ant1	4500	-59.01	2.19	38.41	Average	54	Pass
NVNT	a	5260	Ant1	5104.5	-46.9	2.19	50.52	Peak	68.2	Pass
NVNT	a	5260	Ant1	5029.62	-56.67	2.19	40.75	Average	54	Pass
NVNT	a	5260	Ant1	5150	-51.19	2.19	46.23	Peak	68.2	Pass
NVNT	a	5260	Ant1	5150	-57.21	2.19	40.21	Average	54	Pass
NVNT	a	5320	Ant1	5350	-47.78	2.19	49.64	Peak	68.2	Pass
NVNT	a	5320	Ant1	5350	-56.75	2.19	40.67	Average	54	Pass
NVNT	a	5320	Ant1	5458	-47.27	2.19	50.15	Peak	68.2	Pass
NVNT	a	5320	Ant1	5350.2	-56.58	2.19	40.84	Average	54	Pass
NVNT	a	5320	Ant1	5460	-50.34	2.19	47.08	Peak	68.2	Pass
NVNT	a	5320	Ant1	5460	-57.18	2.19	40.24	Average	54	Pass
NVNT	n20	5260	Ant1	4500	-51.93	2.19	45.49	Peak	68.2	Pass
NVNT	n20	5260	Ant1	4500	-58.94	2.19	38.48	Average	54	Pass
NVNT	n20	5260	Ant1	5048.34	-47.4	2.19	50.02	Peak	68.2	Pass
NVNT	n20	5260	Ant1	5027.28	-56.47	2.19	40.95	Average	54	Pass
NVNT	n20	5260	Ant1	5150	-50.26	2.19	47.16	Peak	68.2	Pass
NVNT	n20	5260	Ant1	5150	-57.16	2.19	40.26	Average	54	Pass
NVNT	n20	5320	Ant1	5350	-43.97	2.19	53.45	Peak	68.2	Pass
NVNT	n20	5320	Ant1	5350	-56.24	2.19	41.18	Average	54	Pass
NVNT	n20	5320	Ant1	5350	-43.97	2.19	53.45	Peak	68.2	Pass
NVNT	n20	5320	Ant1	5350.2	-56.16	2.19	41.26	Average	54	Pass
NVNT	n20	5320	Ant1	5460	-50.05	2.19	47.37	Peak	68.2	Pass
NVNT	n20	5320	Ant1	5460	-57.24	2.19	40.18	Average	54	Pass
NVNT	n40	5270	Ant1	4500	-50.61	2.19	46.81	Peak	68.2	Pass
NVNT	n40	5270	Ant1	4500	-58.59	2.19	38.83	Average	54	Pass
NVNT	n40	5270	Ant1	5028.12	-47.01	2.19	50.41	Peak	68.2	Pass
NVNT	n40	5270	Ant1	5047.56	-56.06	2.19	41.36	Average	54	Pass
NVNT	n40	5270	Ant1	5150	-49.54	2.19	47.88	Peak	68.2	Pass
NVNT	n40	5270	Ant1	5150	-56.88	2.19	40.54	Average	54	Pass
NVNT	n40	5310	Ant1	5350	-45.18	2.19	52.24	Peak	68.2	Pass
NVNT	n40	5310	Ant1	5350	-55.88	2.19	41.54	Average	54	Pass
NVNT	n40	5310	Ant1	5350	-45.18	2.19	52.24	Peak	68.2	Pass
NVNT	n40	5310	Ant1	5350.6	-55.51	2.19	41.91	Average	54	Pass
NVNT	n40	5310	Ant1	5460	-51.75	2.19	45.67	Peak	68.2	Pass
NVNT	n40	5310	Ant1	5460	-57	2.19	40.42	Average	54	Pass
NVNT	ac20	5260	Ant1	4500	-52.85	2.19	44.57	Peak	68.2	Pass
NVNT	ac20	5260	Ant1	4500	-58.92	2.19	38.50	Average	54	Pass
NVNT	ac20	5260	Ant1	5028.84	-45.51	2.19	51.91	Peak	68.2	Pass
NVNT	ac20	5260	Ant1	5021.04	-56.44	2.19	40.98	Average	54	Pass
NVNT	ac20	5260	Ant1	5150	-49.12	2.19	48.30	Peak	68.2	Pass

NVNT	ac20	5260	Ant1	5150	-57.24	2.19	40.18	Average	54	Pass
NVNT	ac20	5320	Ant1	5350	-45.79	2.19	51.63	Peak	68.2	Pass
NVNT	ac20	5320	Ant1	5350	-56.19	2.19	41.23	Average	54	Pass
NVNT	ac20	5320	Ant1	5350.4	-42.61	2.19	54.81	Peak	68.2	Pass
NVNT	ac20	5320	Ant1	5350.2	-56.06	2.19	41.36	Average	54	Pass
NVNT	ac20	5320	Ant1	5460	-48.66	2.19	48.76	Peak	68.2	Pass
NVNT	ac20	5320	Ant1	5460	-57.38	2.19	40.04	Average	54	Pass
NVNT	ac40	5270	Ant1	4500	-52.13	2.19	45.29	Peak	68.2	Pass
NVNT	ac40	5270	Ant1	4500	-58.88	2.19	38.54	Average	54	Pass
NVNT	ac40	5270	Ant1	5032.98	-47.49	2.19	49.93	Peak	68.2	Pass
NVNT	ac40	5270	Ant1	4806.99	-56.18	2.19	41.24	Average	54	Pass
NVNT	ac40	5270	Ant1	5150	-51.01	2.19	46.41	Peak	68.2	Pass
NVNT	ac40	5270	Ant1	5150	-57.03	2.19	40.39	Average	54	Pass
NVNT	ac40	5310	Ant1	5350	-48.38	2.19	49.04	Peak	68.2	Pass
NVNT	ac40	5310	Ant1	5350	-55.57	2.19	41.85	Average	54	Pass
NVNT	ac40	5310	Ant1	5352.2	-45.43	2.19	51.99	Peak	68.2	Pass
NVNT	ac40	5310	Ant1	5350	-55.57	2.19	41.85	Average	54	Pass
NVNT	ac40	5310	Ant1	5460	-50.41	2.19	47.01	Peak	68.2	Pass
NVNT	ac40	5310	Ant1	5460	-56.92	2.19	40.50	Average	54	Pass
NVNT	ac80	5290	Ant1	5350	-49.01	2.19	48.41	Peak	68.2	Pass
NVNT	ac80	5290	Ant1	5350	-55.32	2.19	42.10	Average	54	Pass
NVNT	ac80	5290	Ant1	5412.25	-46.85	2.19	50.57	Peak	68.2	Pass
NVNT	ac80	5290	Ant1	5350.75	-55.02	2.19	42.40	Average	54	Pass
NVNT	ac80	5290	Ant1	5460	-50.14	2.19	47.28	Peak	68.2	Pass
NVNT	ac80	5290	Ant1	5460	-56.49	2.19	40.93	Average	54	Pass
NVNT	ac80	5290	Ant1	4500	-51.24	2.19	46.18	Peak	68.2	Pass
NVNT	ac80	5290	Ant1	4500	-58.42	2.19	39.00	Average	54	Pass
NVNT	ac80	5290	Ant1	5089.86	-46.3	2.19	51.12	Peak	68.2	Pass
NVNT	ac80	5290	Ant1	5052.45	-55.35	2.19	42.07	Average	54	Pass
NVNT	ac80	5290	Ant1	5150	-50.4	2.19	47.02	Peak	68.2	Pass
NVNT	ac80	5290	Ant1	5150	-55.35	2.19	42.07	Average	54	Pass
NVNT	ax20	5260	Ant1	4500	-50.71	2.19	46.71	Peak	68.2	Pass
NVNT	ax20	5260	Ant1	4500	-58.65	2.19	38.77	Average	54	Pass
NVNT	ax20	5260	Ant1	4872.06	-47.27	2.19	50.15	Peak	68.2	Pass
NVNT	ax20	5260	Ant1	5049.9	-56.51	2.19	40.91	Average	54	Pass
NVNT	ax20	5260	Ant1	5150	-48.34	2.19	49.08	Peak	68.2	Pass
NVNT	ax20	5260	Ant1	5150	-57.22	2.19	40.20	Average	54	Pass
NVNT	ax20	5320	Ant1	5350	-48.47	2.19	48.95	Peak	68.2	Pass
NVNT	ax20	5320	Ant1	5350	-56.12	2.19	41.30	Average	54	Pass
NVNT	ax20	5320	Ant1	5350.8	-45.95	2.19	51.47	Peak	68.2	Pass
NVNT	ax20	5320	Ant1	5350	-56.12	2.19	41.30	Average	54	Pass
NVNT	ax20	5320	Ant1	5460	-51.31	2.19	46.11	Peak	68.2	Pass
NVNT	ax20	5320	Ant1	5460	-57.34	2.19	40.08	Average	54	Pass
NVNT	ax40	5270	Ant1	4500	-51.39	2.19	46.03	Peak	68.2	Pass
NVNT	ax40	5270	Ant1	4500	-58.83	2.19	38.59	Average	54	Pass

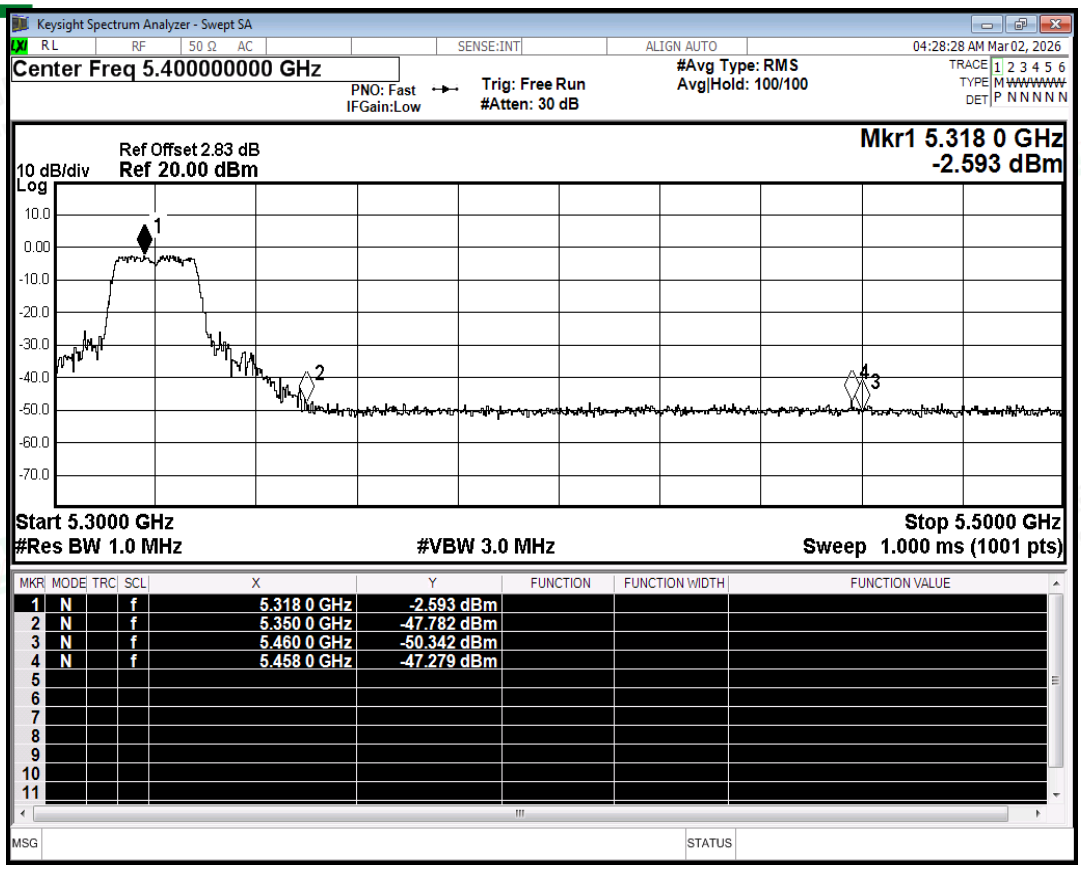
NVNT	ax40	5270	Ant1	5094.54	-46.59	2.19	50.83	Peak	68.2	Pass
NVNT	ax40	5270	Ant1	4807.8	-56.03	2.19	41.39	Average	54	Pass
NVNT	ax40	5270	Ant1	5150	-50.23	2.19	47.19	Peak	68.2	Pass
NVNT	ax40	5270	Ant1	5150	-56.96	2.19	40.46	Average	54	Pass
NVNT	ax40	5310	Ant1	5350	-47.47	2.19	49.95	Peak	68.2	Pass
NVNT	ax40	5310	Ant1	5350	-55.82	2.19	41.60	Average	54	Pass
NVNT	ax40	5310	Ant1	5350.4	-44.8	2.19	52.62	Peak	68.2	Pass
NVNT	ax40	5310	Ant1	5350.4	-55.38	2.19	42.04	Average	54	Pass
NVNT	ax40	5310	Ant1	5460	-50.15	2.19	47.27	Peak	68.2	Pass
NVNT	ax40	5310	Ant1	5460	-56.99	2.19	40.43	Average	54	Pass
NVNT	ax80	5290	Ant1	5350	-46.77	2.19	50.65	Peak	68.2	Pass
NVNT	ax80	5290	Ant1	5350	-55.34	2.19	42.08	Average	54	Pass
NVNT	ax80	5290	Ant1	5354.75	-46.25	2.19	51.17	Peak	68.2	Pass
NVNT	ax80	5290	Ant1	5350.25	-54.93	2.19	42.49	Average	54	Pass
NVNT	ax80	5290	Ant1	5460	-49.47	2.19	47.95	Peak	68.2	Pass
NVNT	ax80	5290	Ant1	5460	-56.78	2.19	40.64	Average	54	Pass
NVNT	ax80	5290	Ant1	4500	-50.67	2.19	46.75	Peak	68.2	Pass
NVNT	ax80	5290	Ant1	4500	-58.42	2.19	39.00	Average	54	Pass
NVNT	ax80	5290	Ant1	5097.69	-47.43	2.19	49.99	Peak	68.2	Pass
NVNT	ax80	5290	Ant1	5143.8	-55.12	2.19	42.30	Average	54	Pass
NVNT	ax80	5290	Ant1	5150	-47.94	2.19	49.48	Peak	68.2	Pass
NVNT	ax80	5290	Ant1	5150	-55.48	2.19	41.94	Average	54	Pass



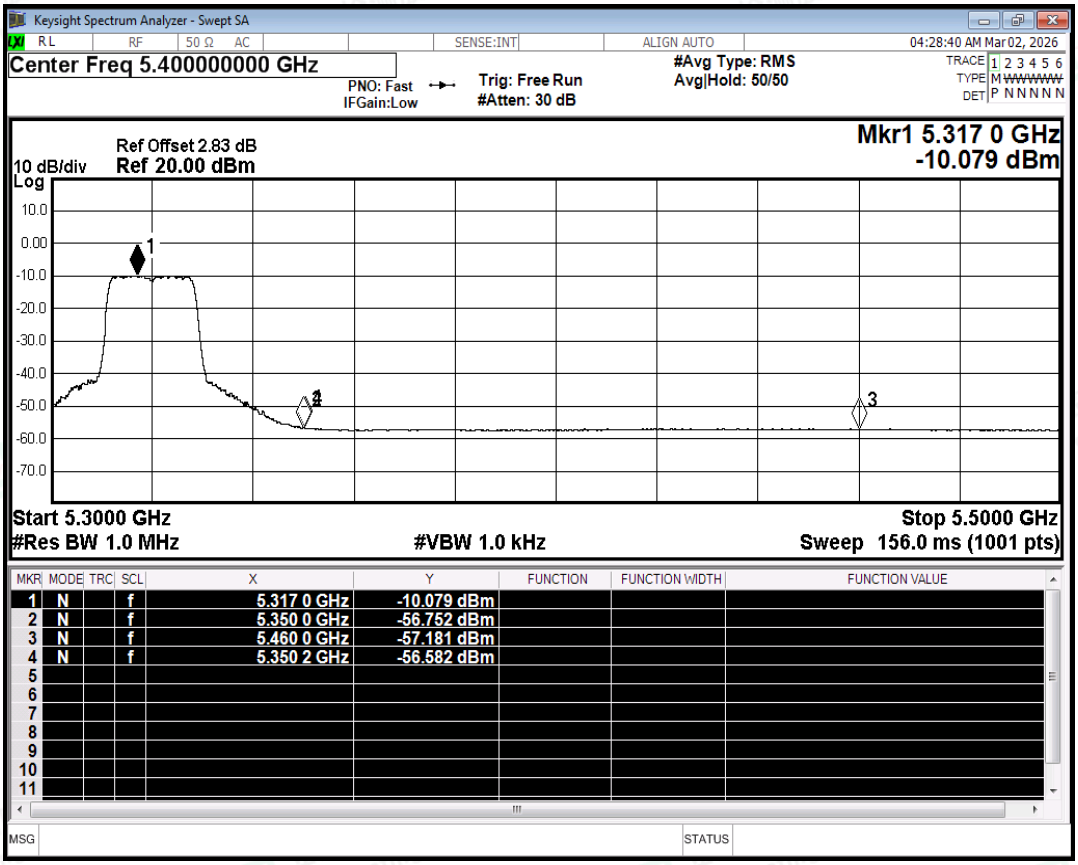
Restrict Band NVNT a 5260MHz Ant1 Peak



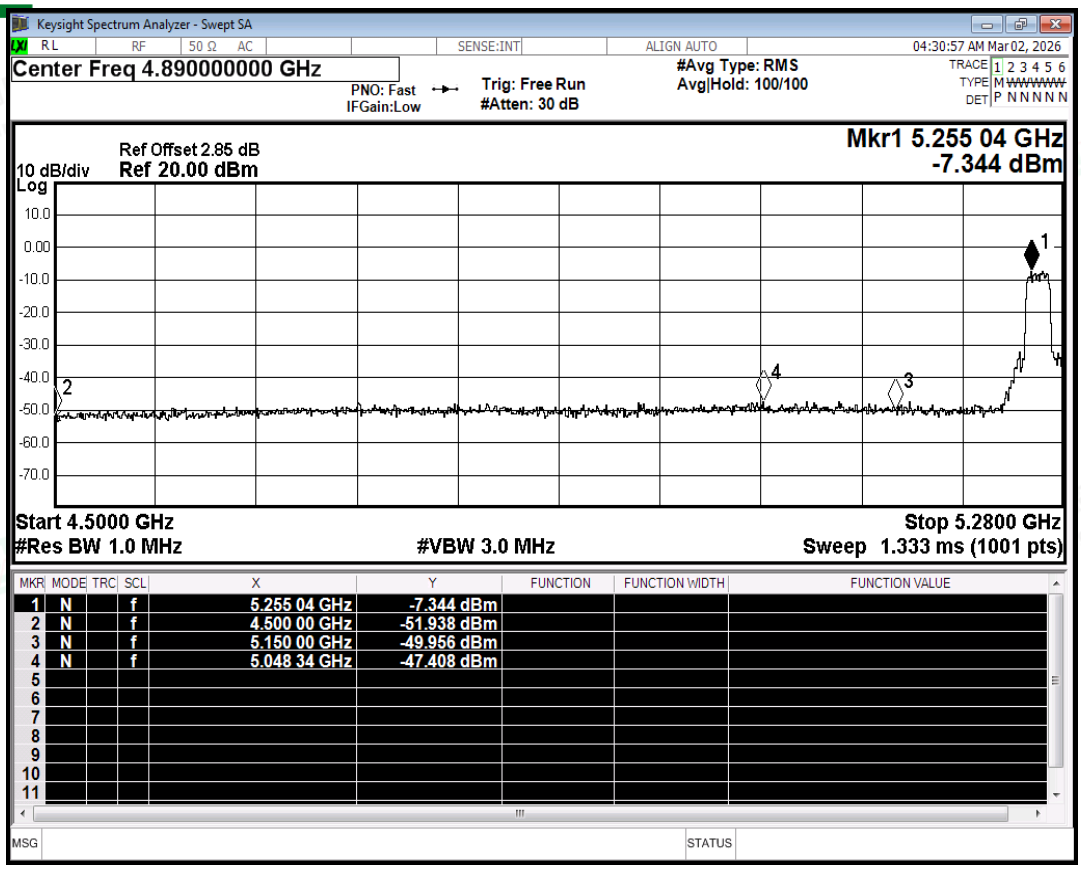
Restrict Band NVNT a 5260MHz Ant1 Average



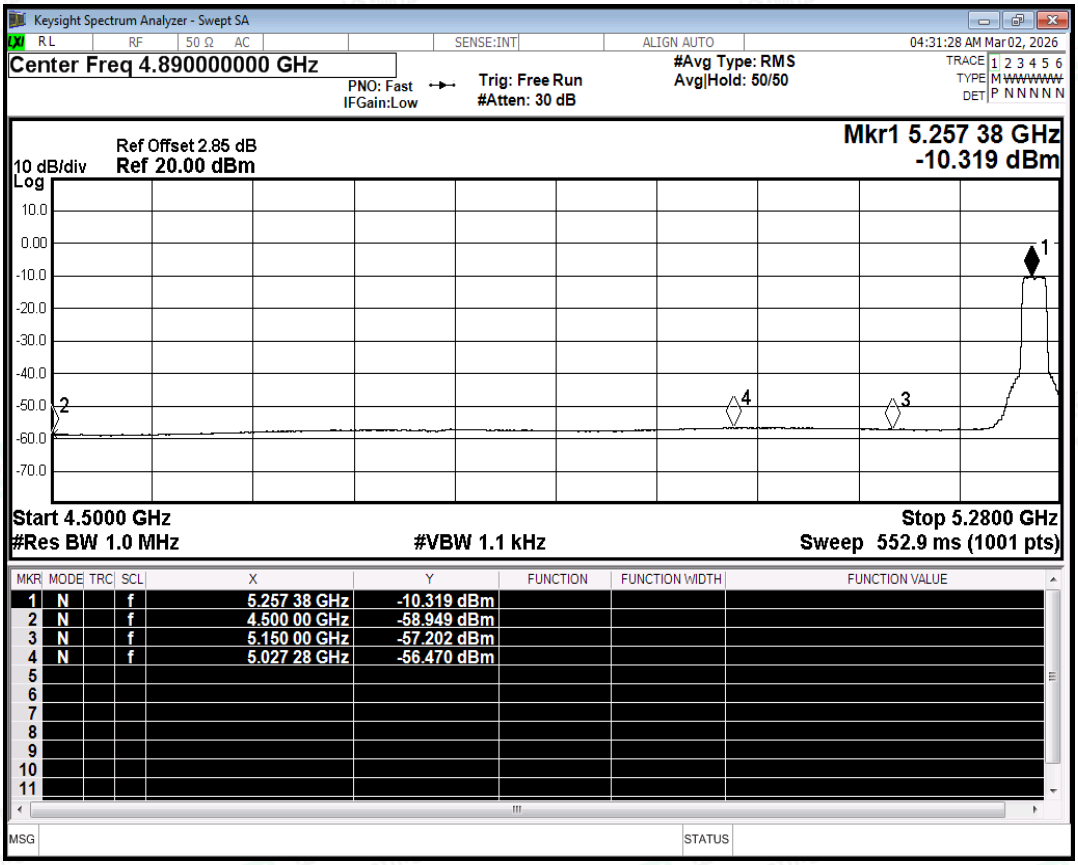
Restrict Band NVNT a 5320MHz Ant1 Peak



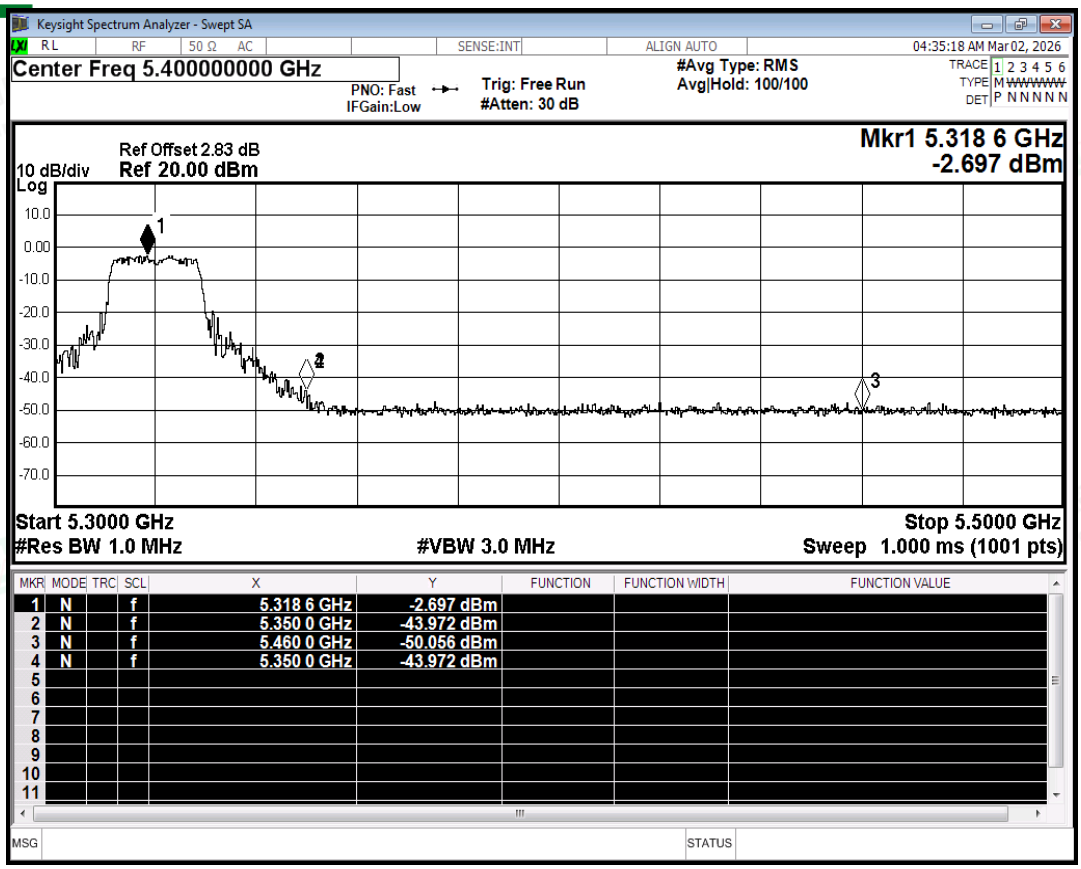
Restrict Band NVNT a 5320MHz Ant1 Average



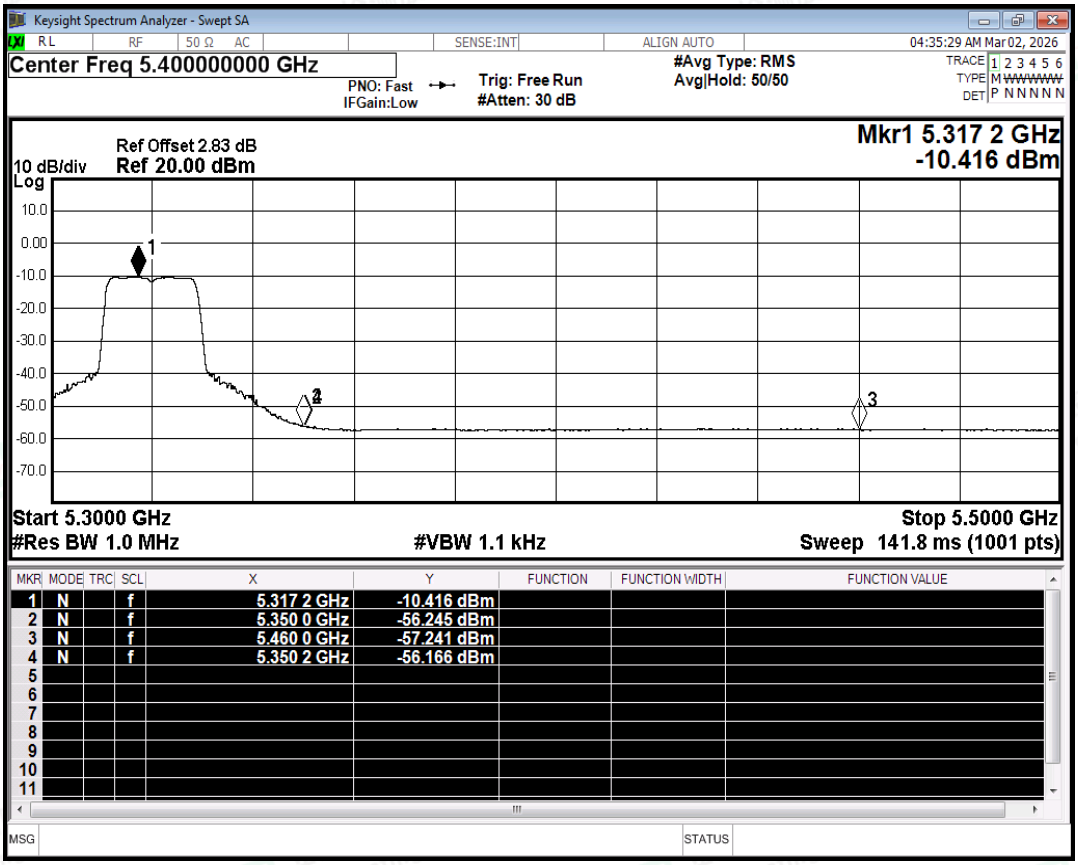
Restrict Band NVNT n20 5260MHz Ant1 Peak



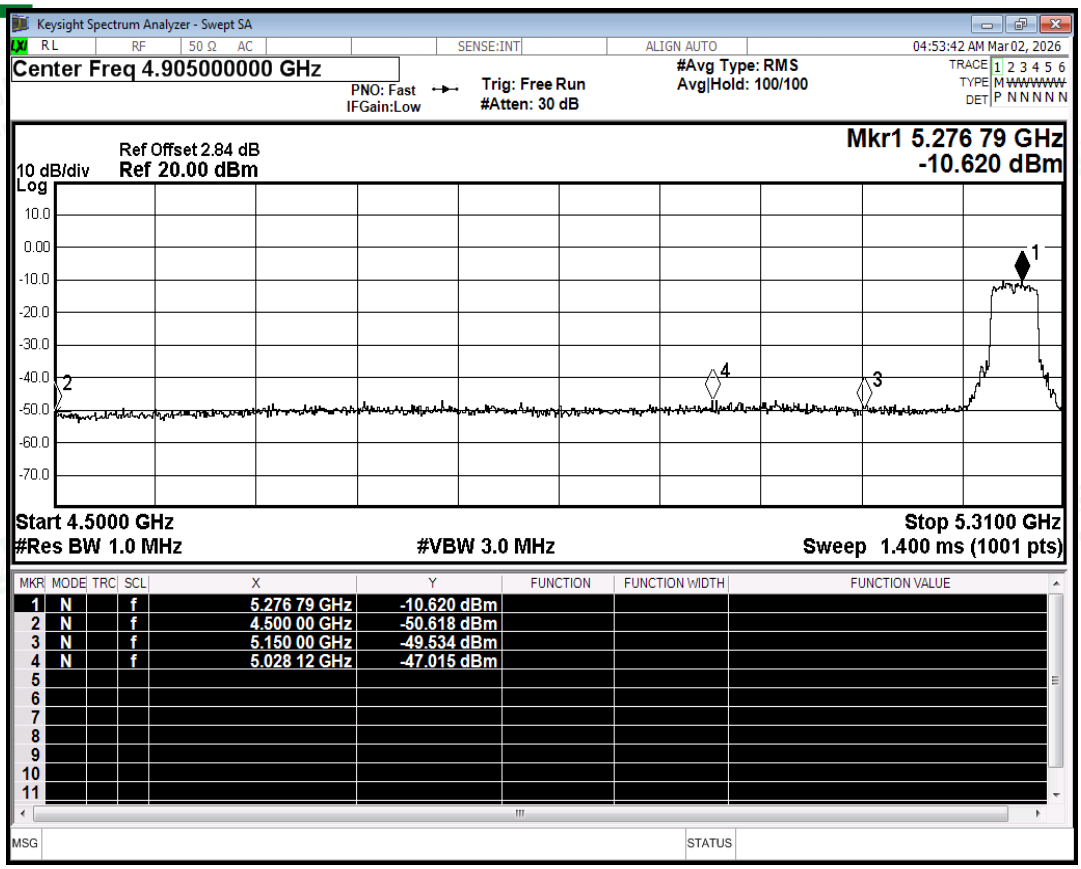
Restrict Band NVNT n20 5260MHz Ant1 Average



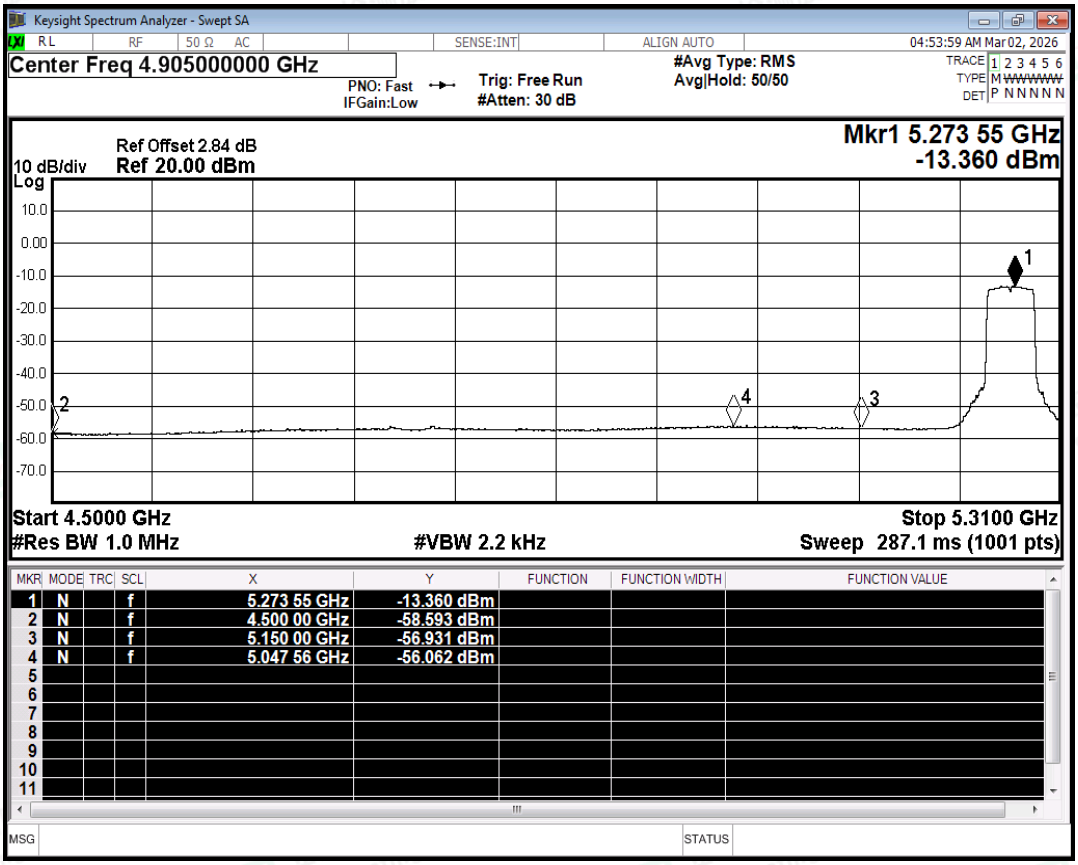
Restrict Band NVNT n20 5320MHz Ant1 Peak



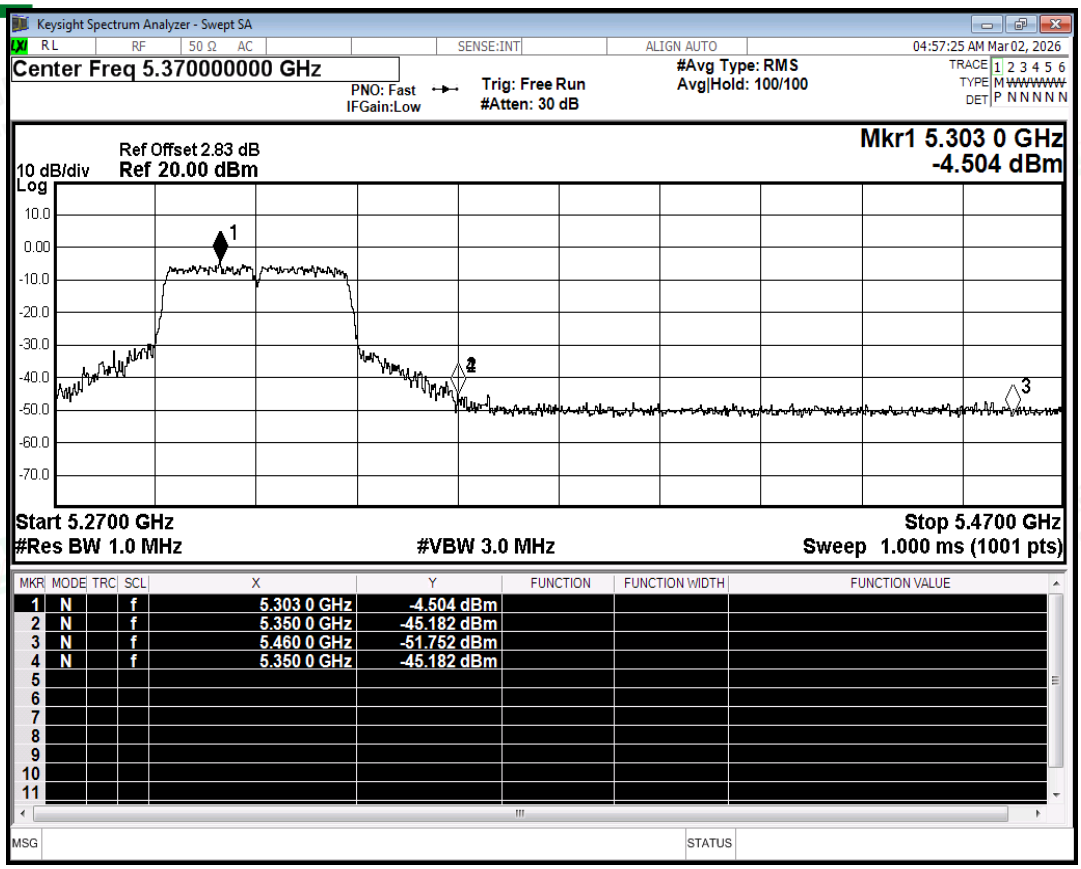
Restrict Band NVNT n20 5320MHz Ant1 Average



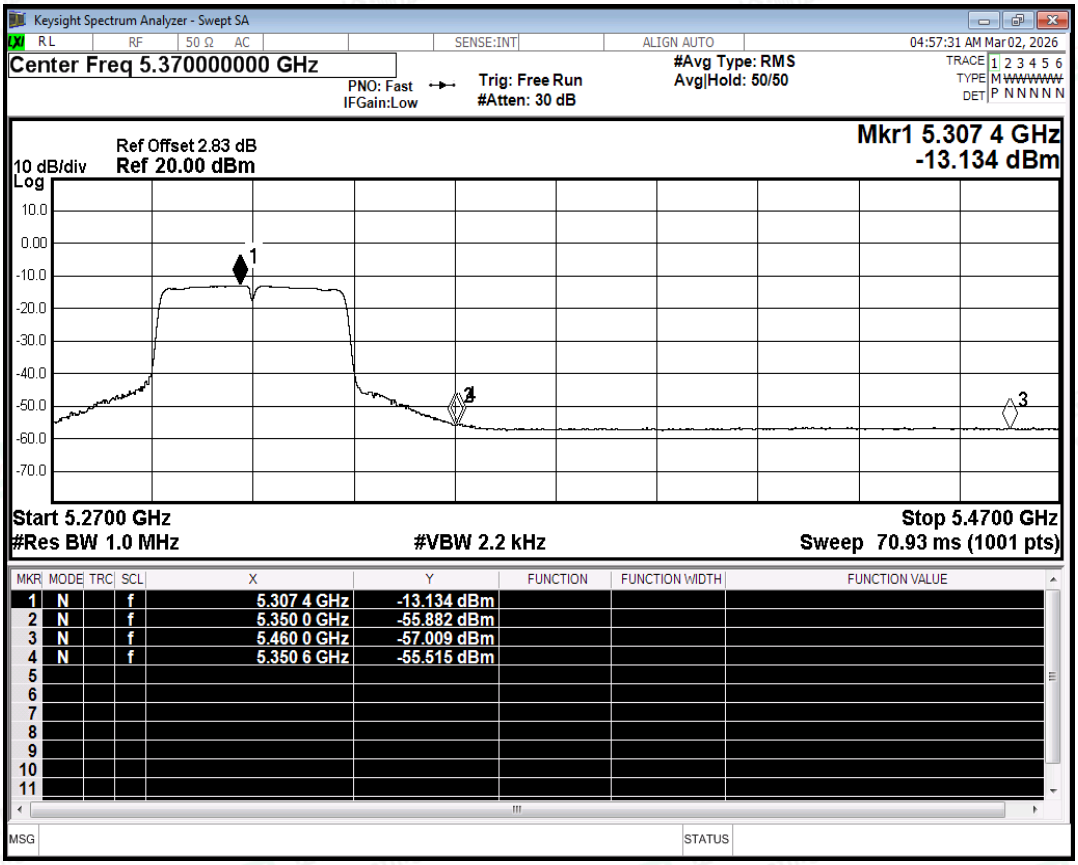
Restrict Band NVNT n40 5270MHz Ant1 Peak



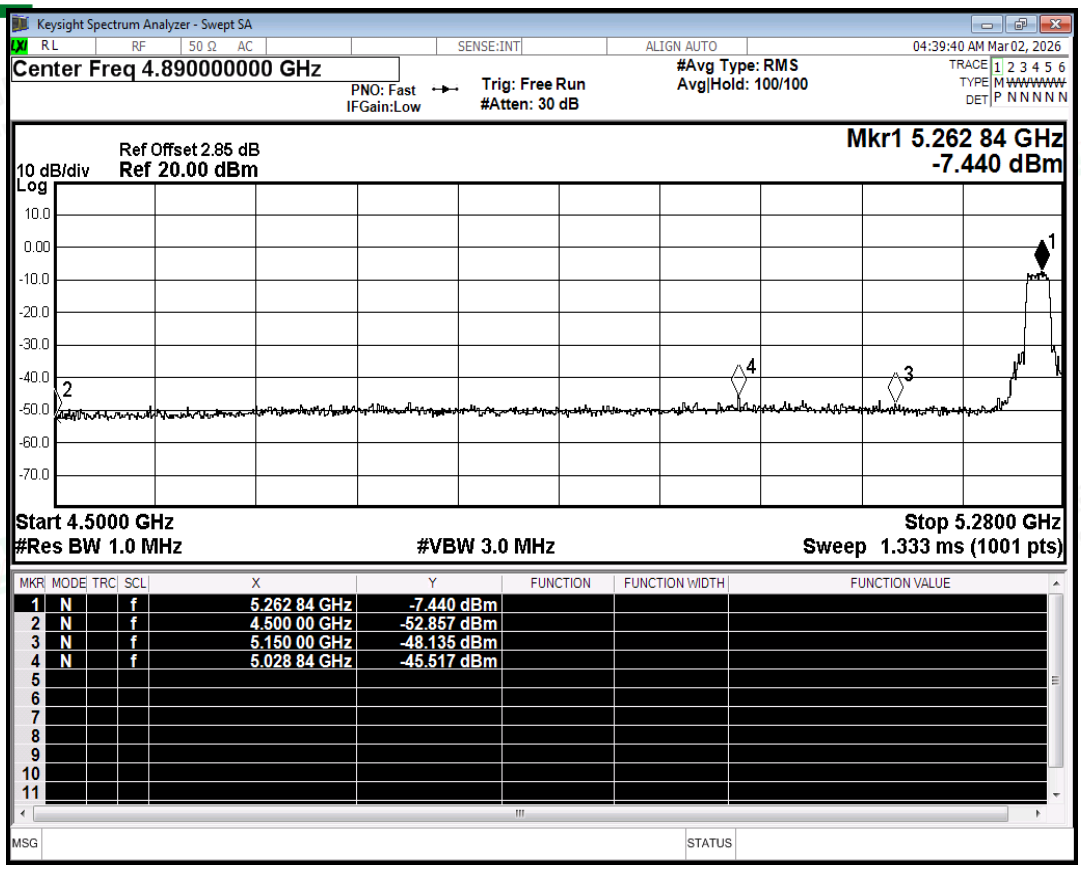
Restrict Band NVNT n40 5270MHz Ant1 Average



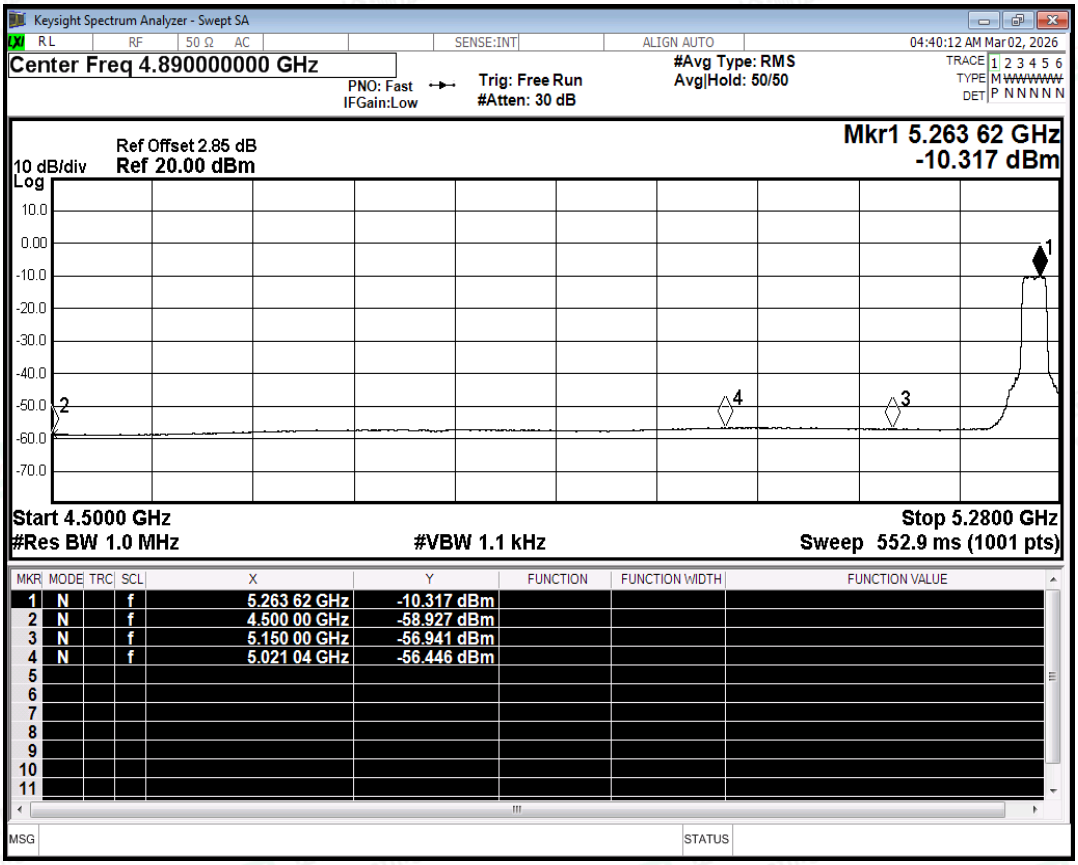
Restrict Band NVNT n40 5310MHz Ant1 Peak



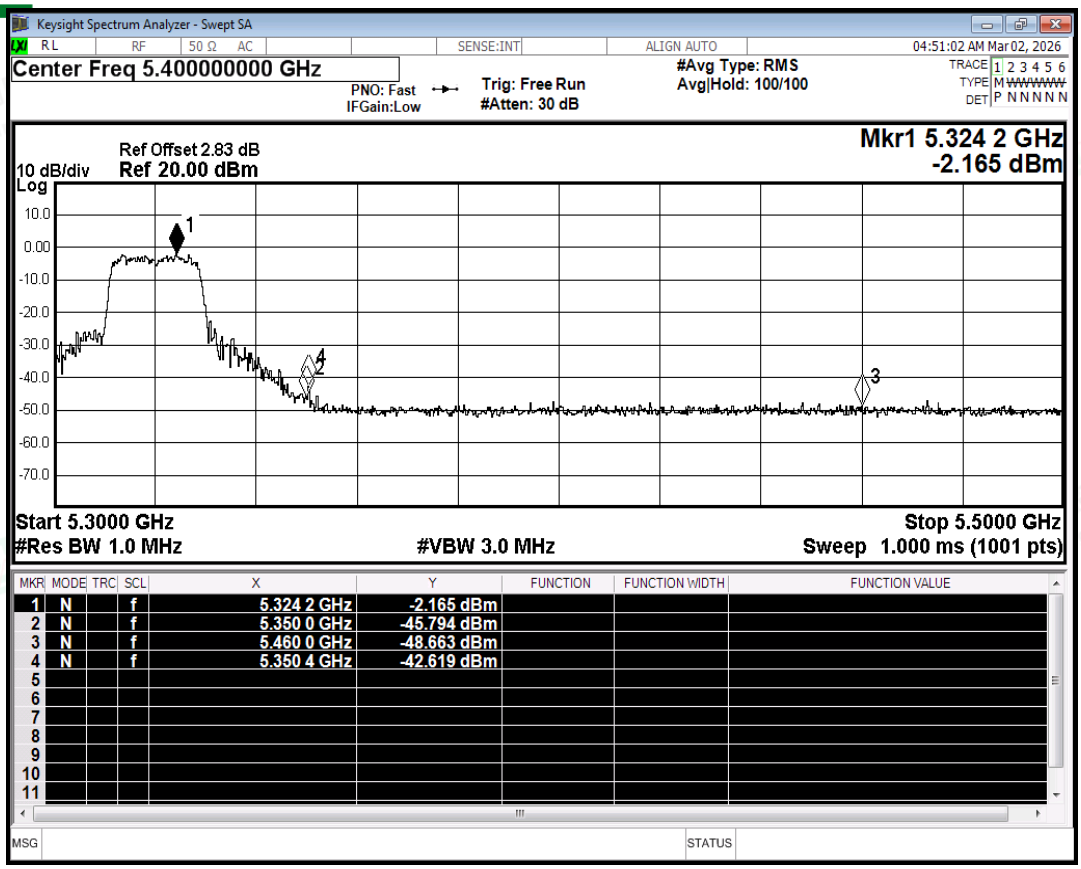
Restrict Band NVNT n40 5310MHz Ant1 Average



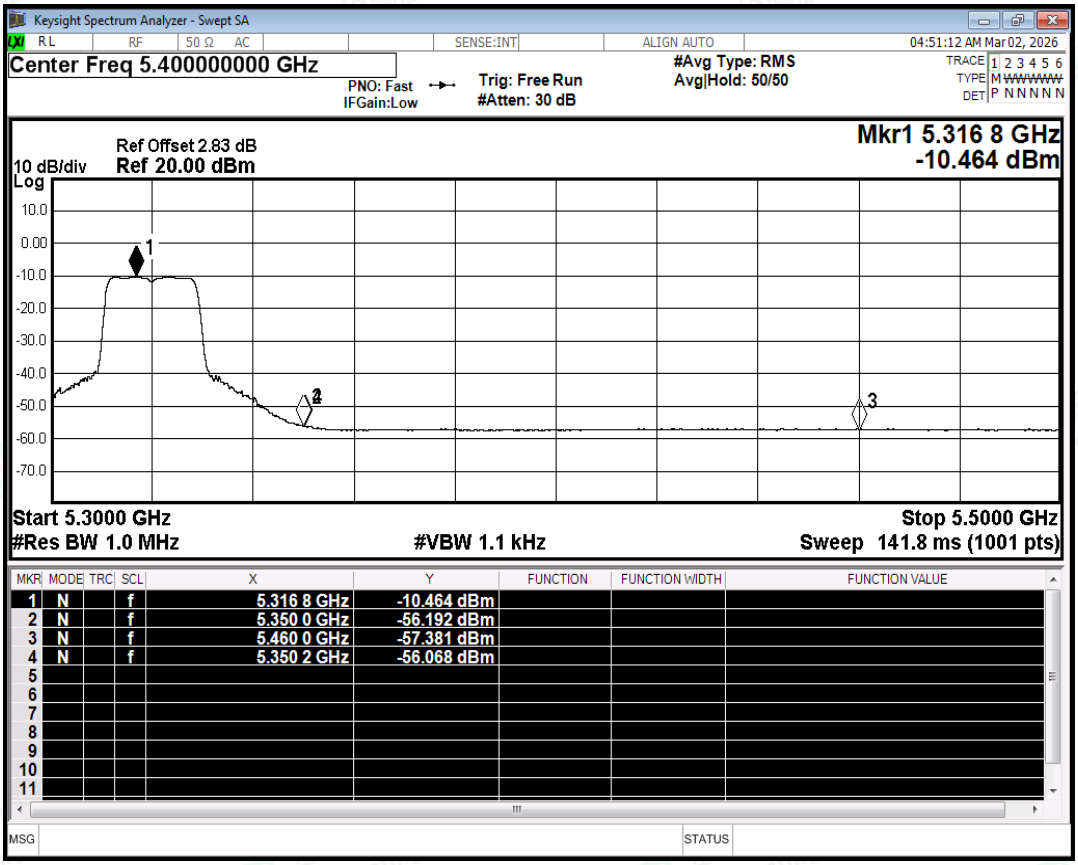
Restrict Band NVNT ac20 5260MHz Ant1 Peak



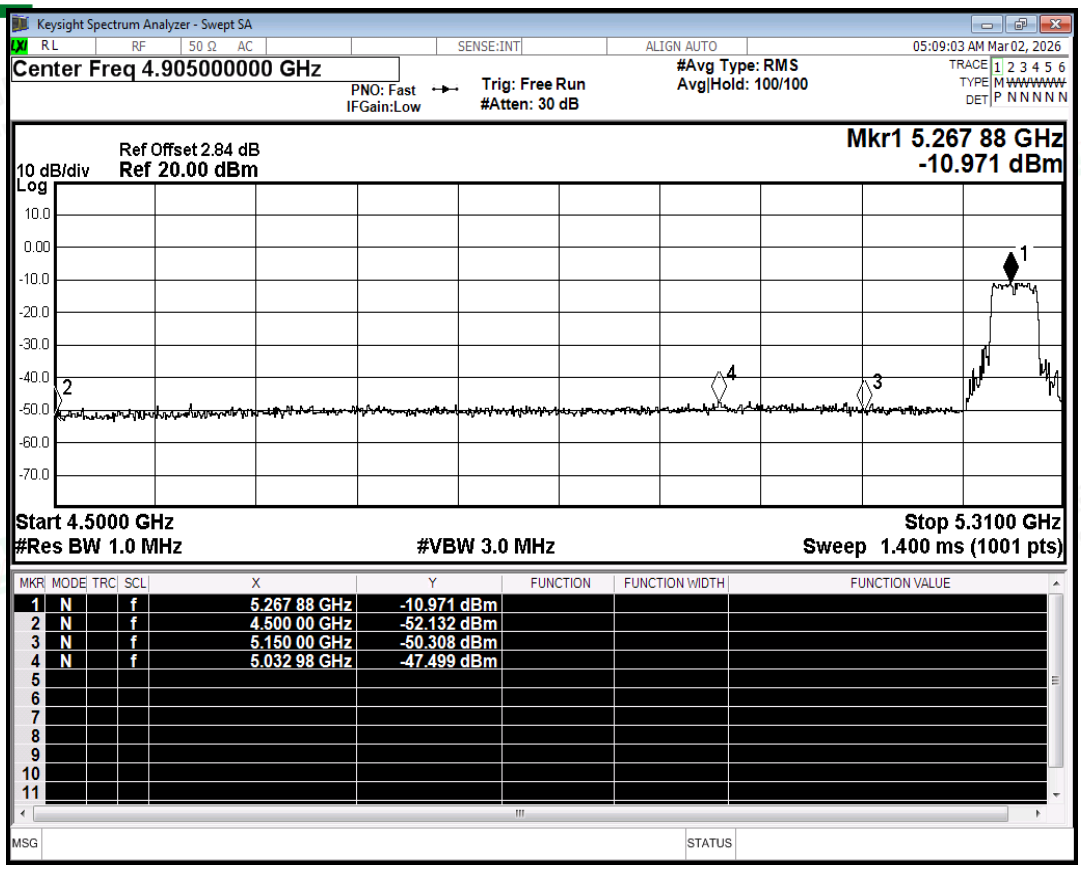
Restrict Band NVNT ac20 5260MHz Ant1 Average



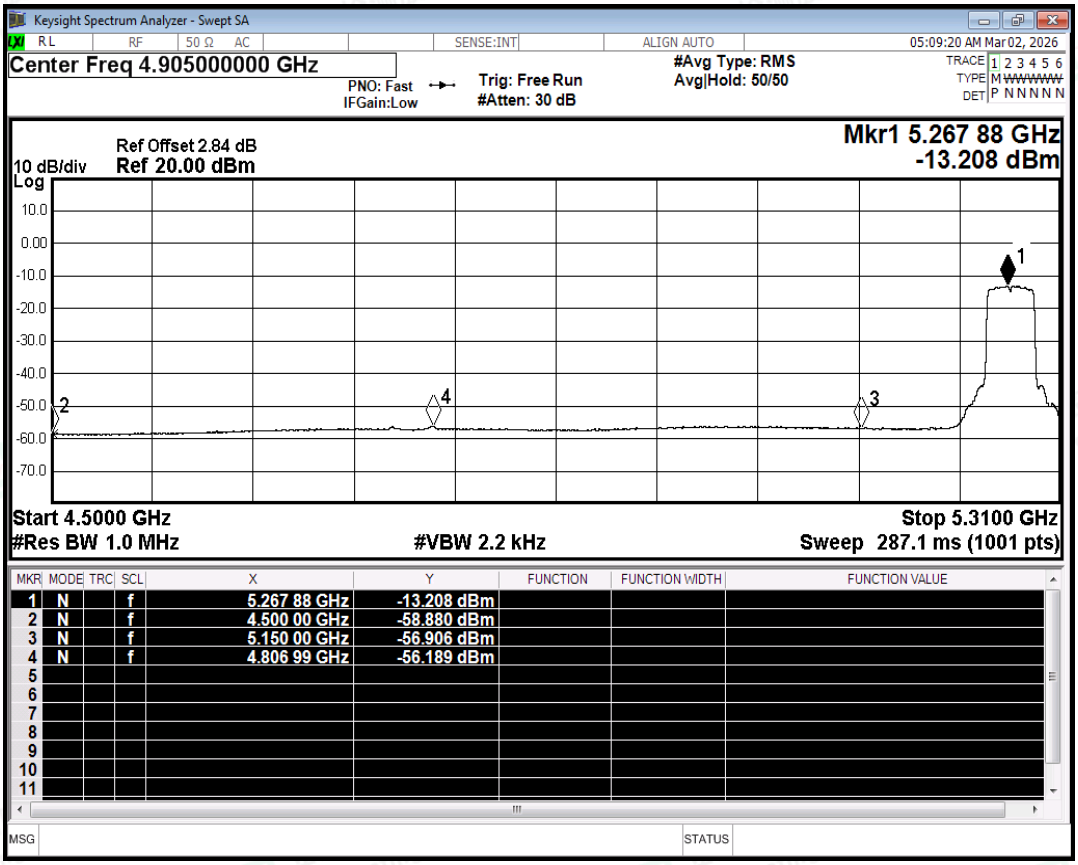
Restrict Band NVNT ac20 5320MHz Ant1 Peak



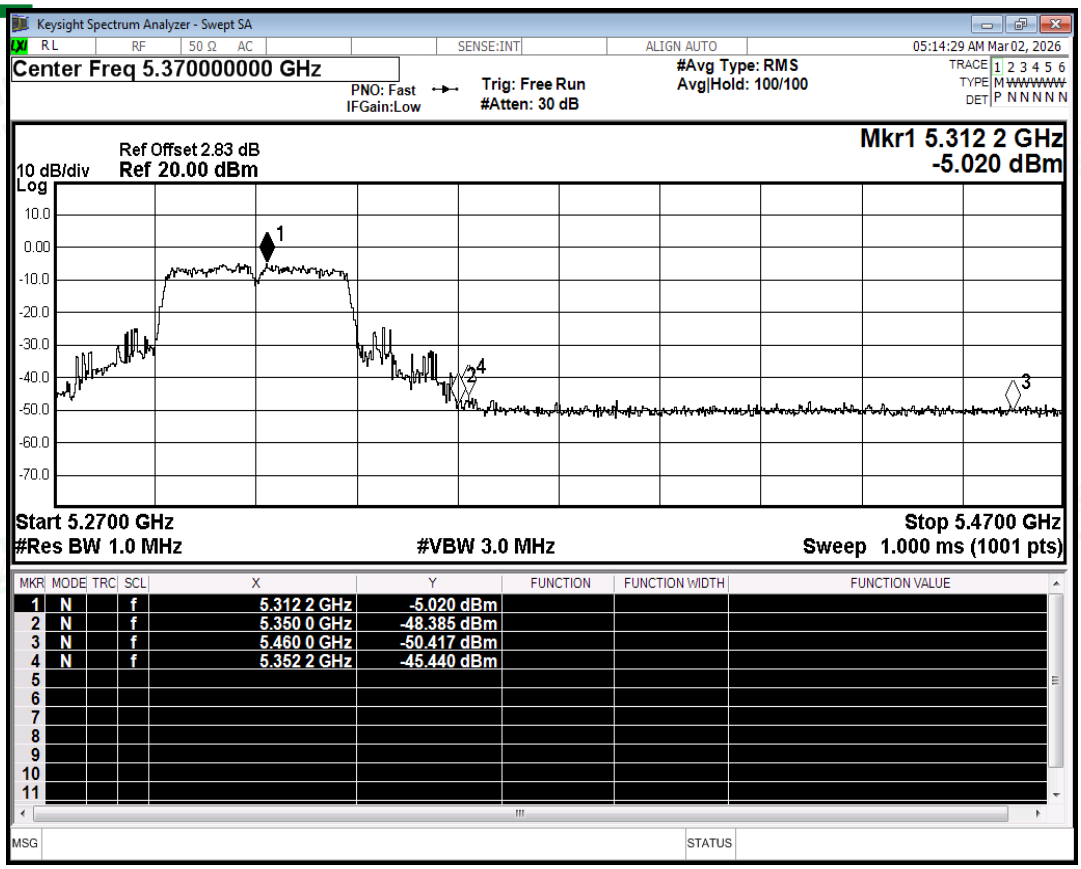
Restrict Band NVNT ac20 5320MHz Ant1 Average



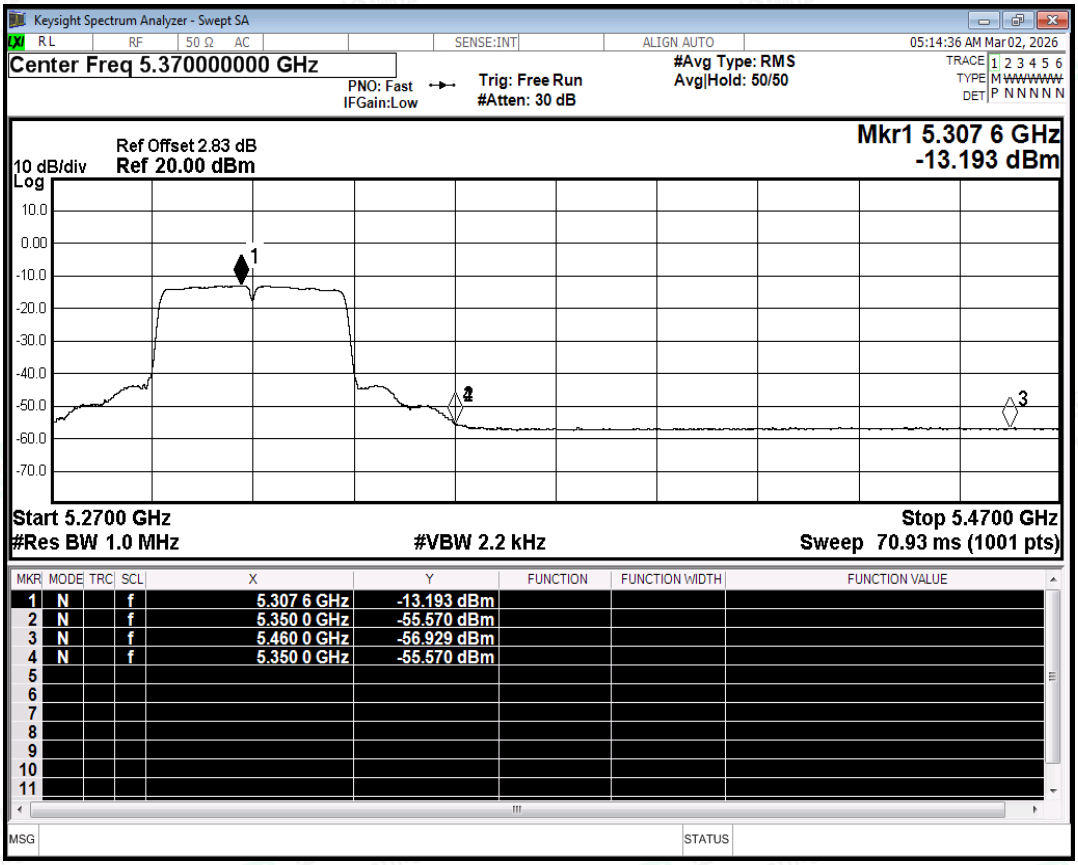
Restrict Band NVNT ac40 5270MHz Ant1 Peak



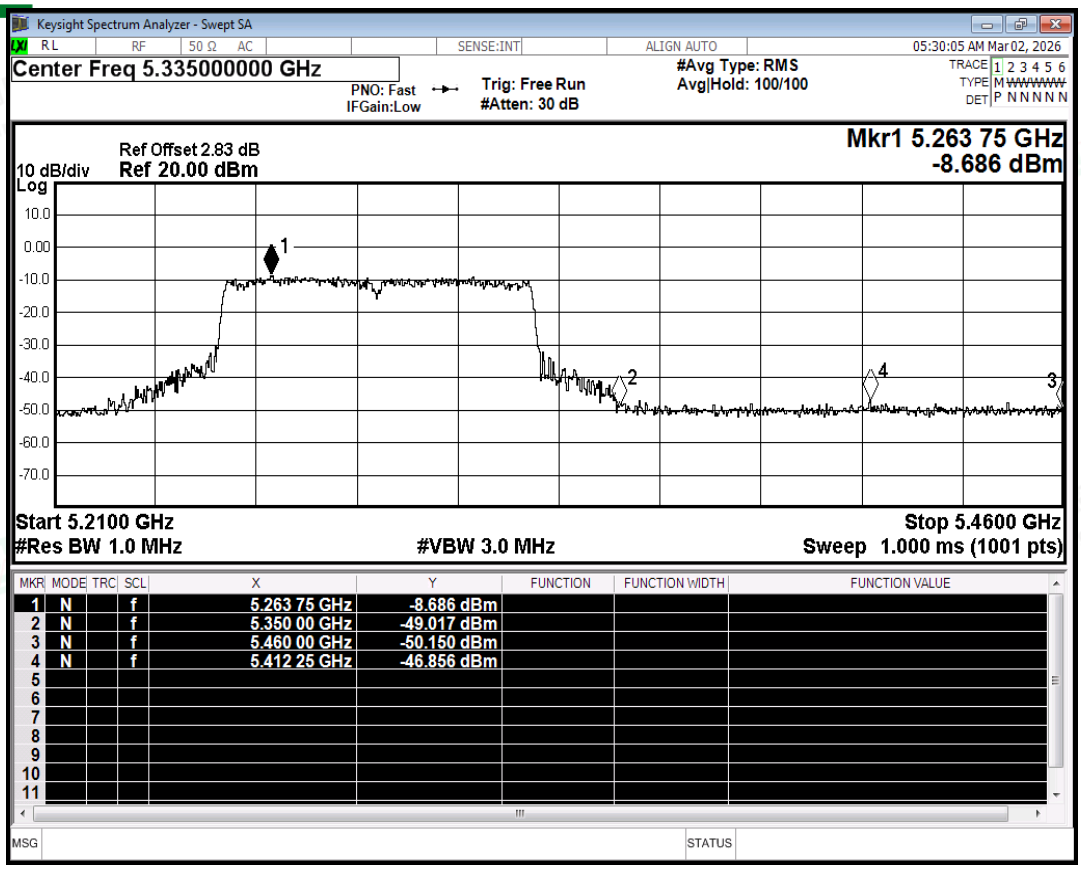
Restrict Band NVNT ac40 5270MHz Ant1 Average



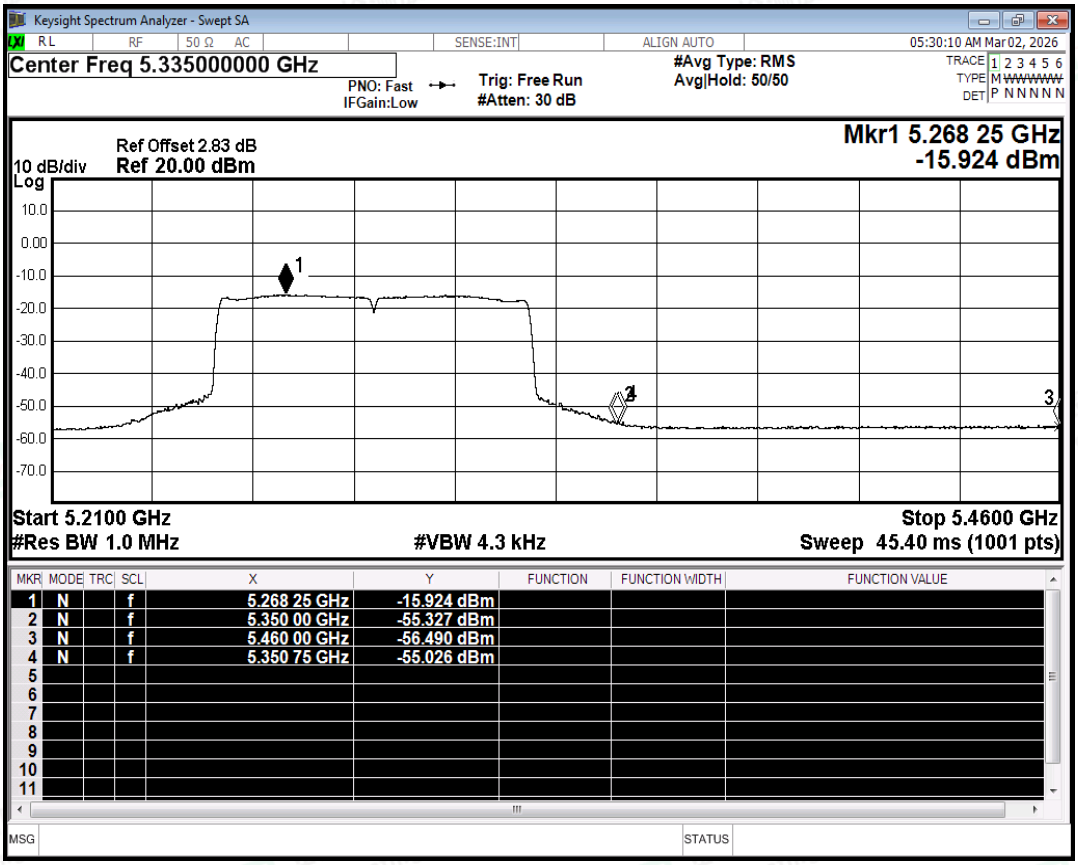
Restrict Band NVNT ac40 5310MHz Ant1 Peak



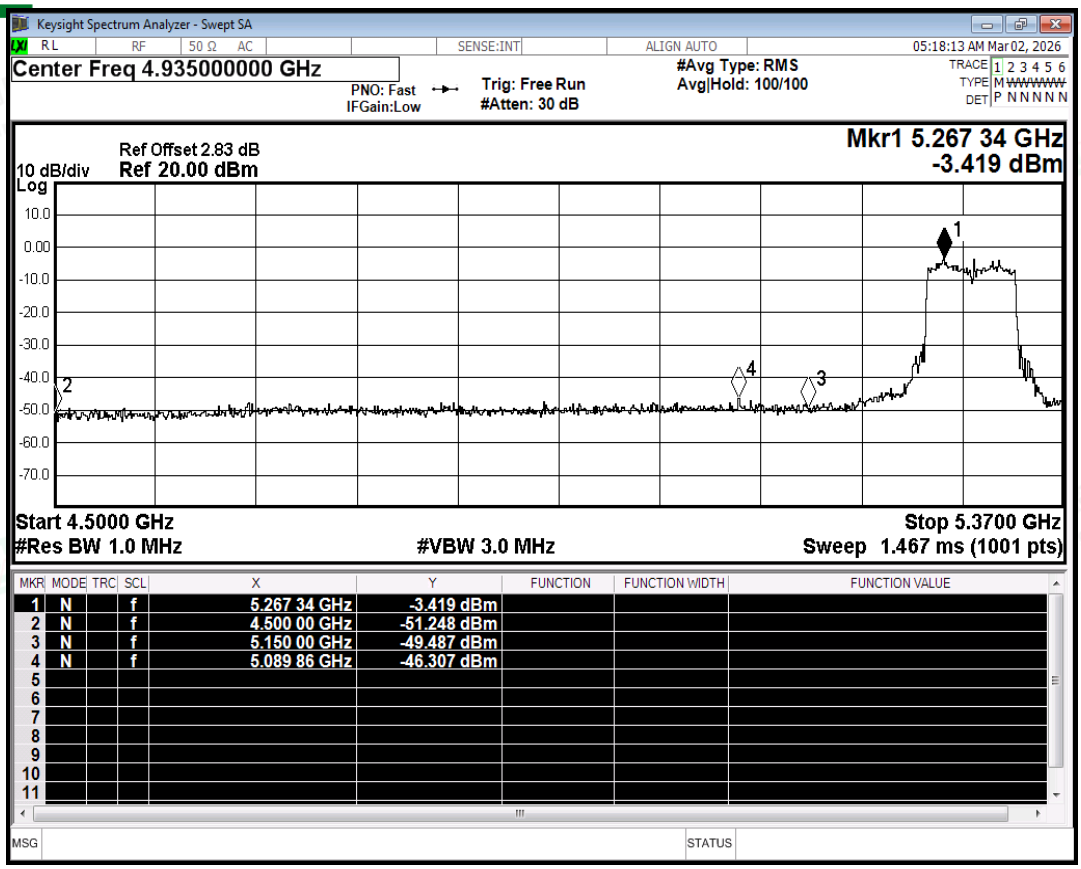
Restrict Band NVNT ac40 5310MHz Ant1 Average



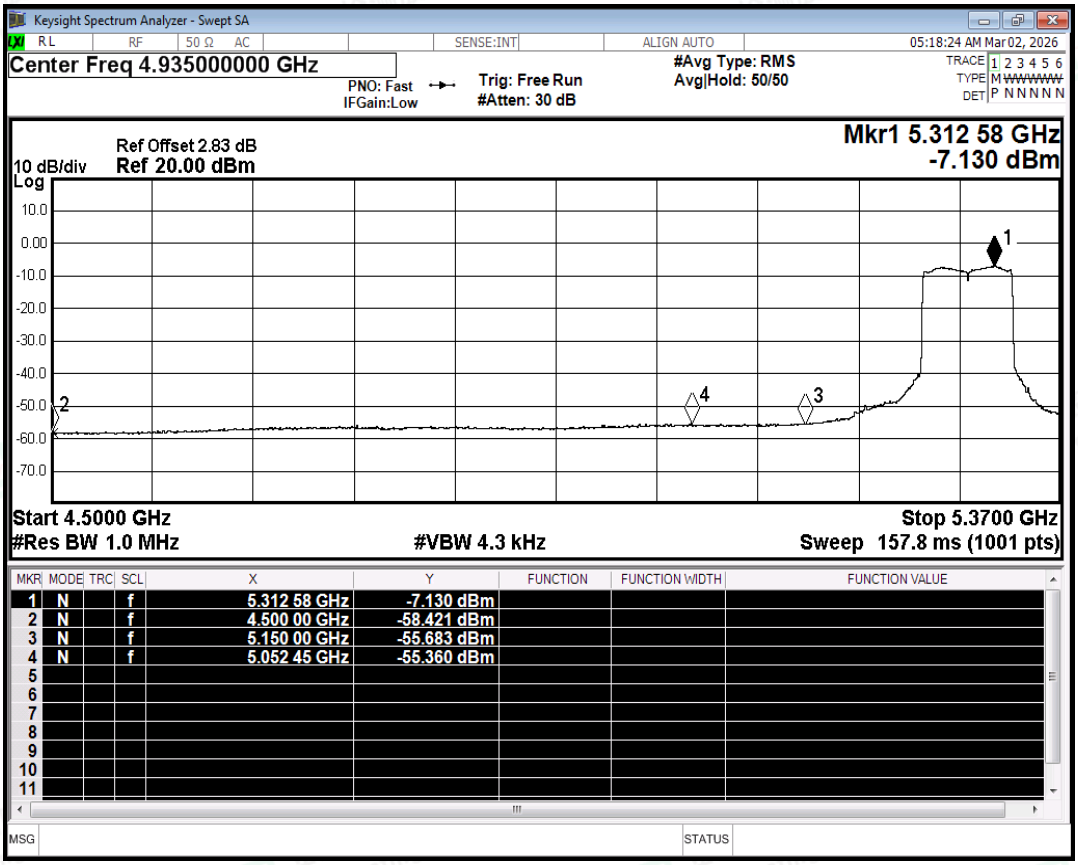
Restrict Band NVNT ac80 5290MHz Ant1 Peak



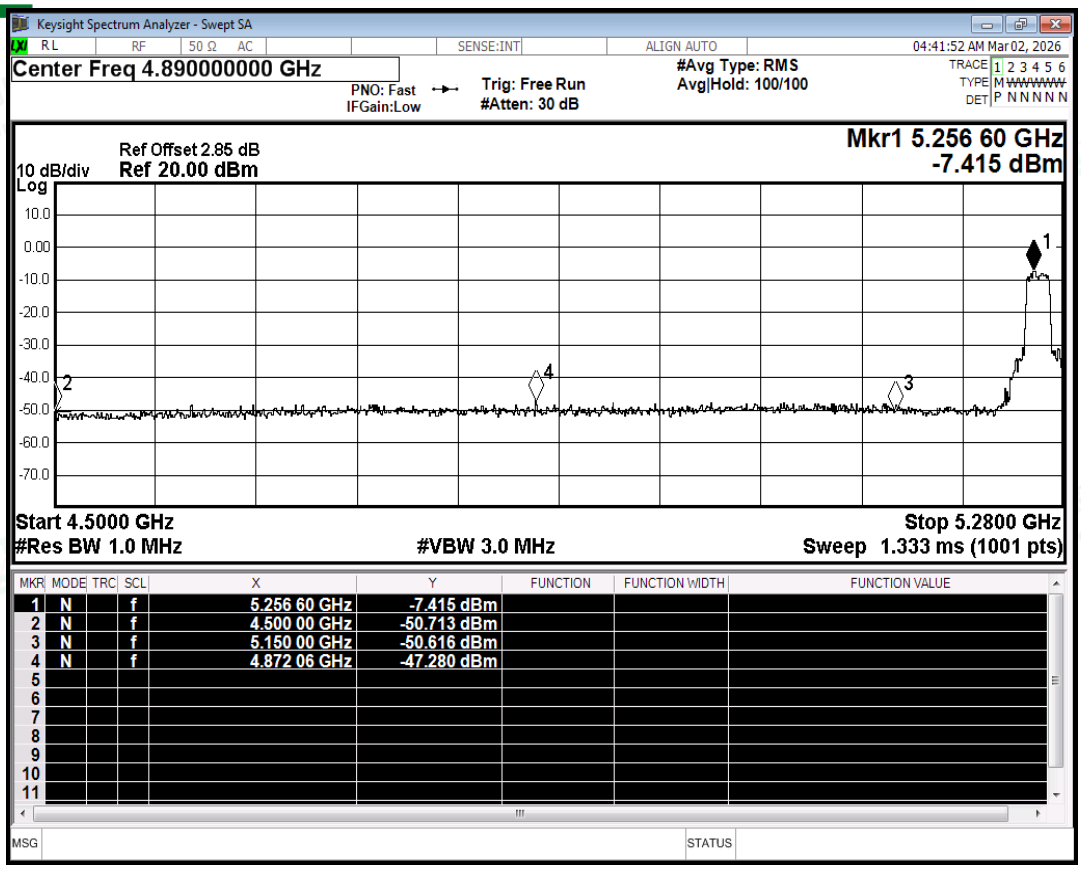
Restrict Band NVNT ac80 5290MHz Ant1 Average



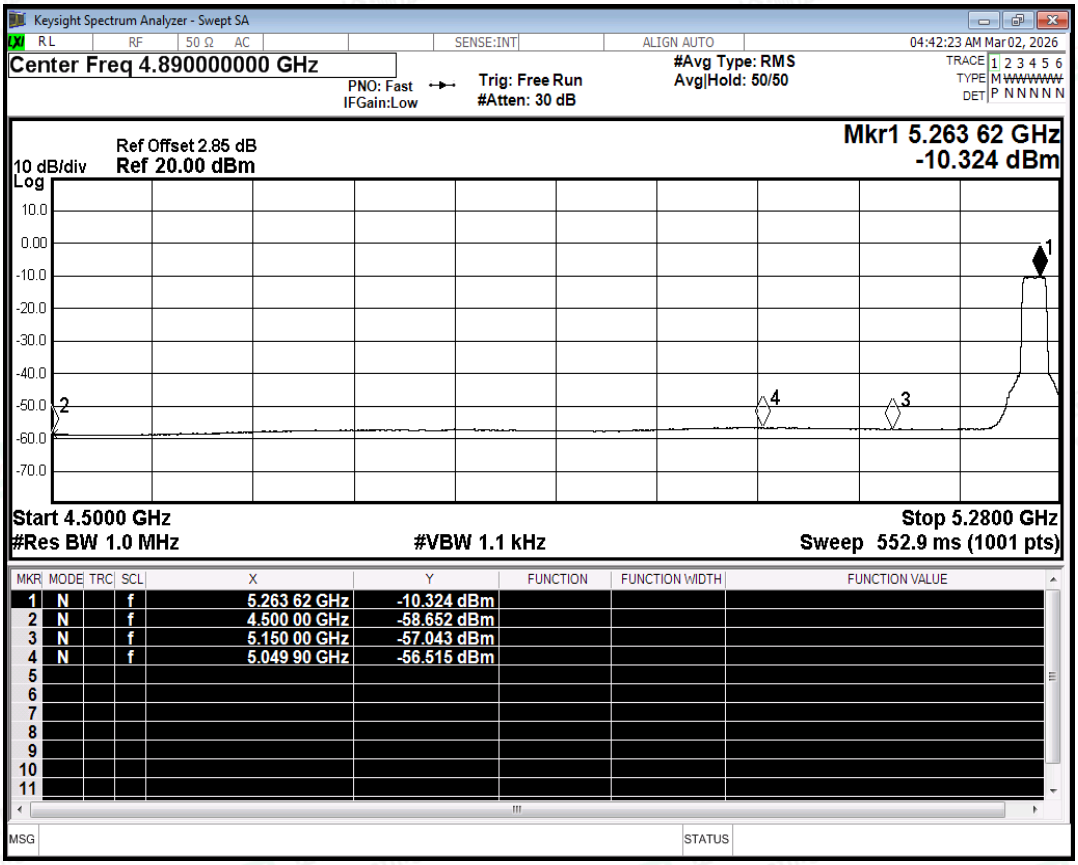
Restrict Band NVNT ac80 5290MHz Ant1 Peak



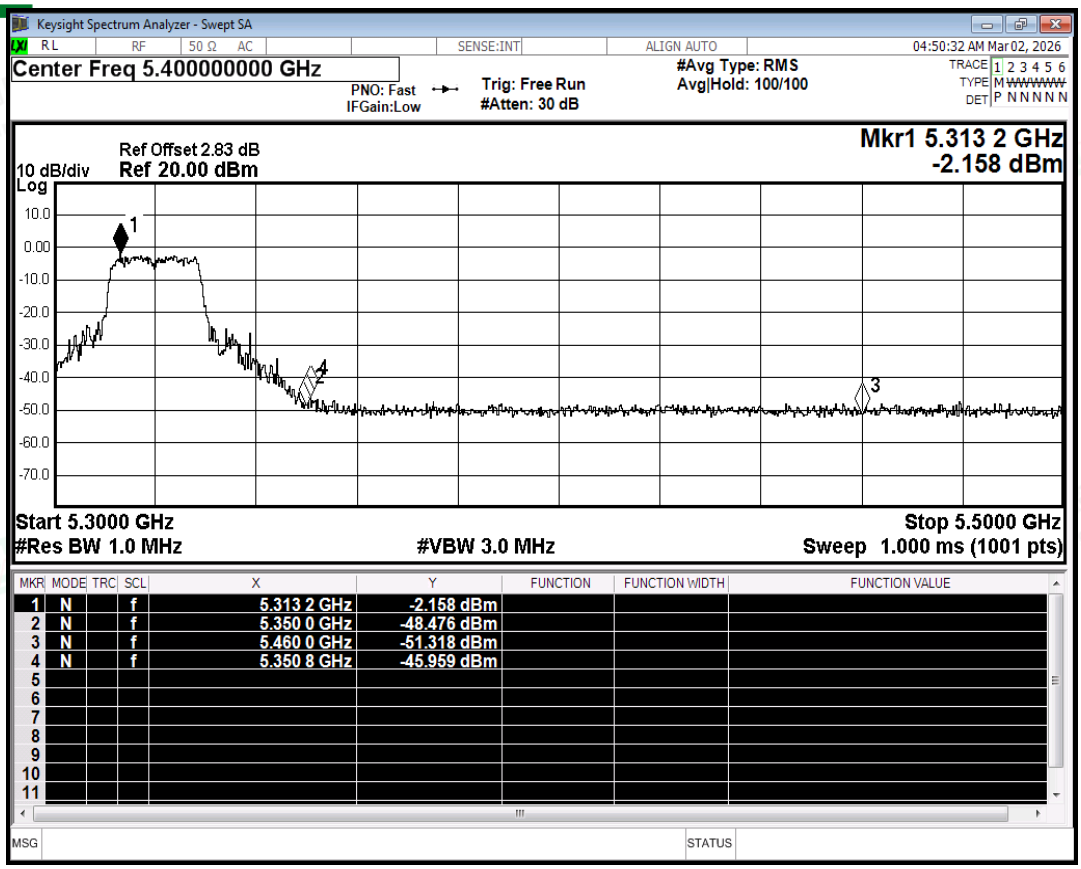
Restrict Band NVNT ac80 5290MHz Ant1 Average



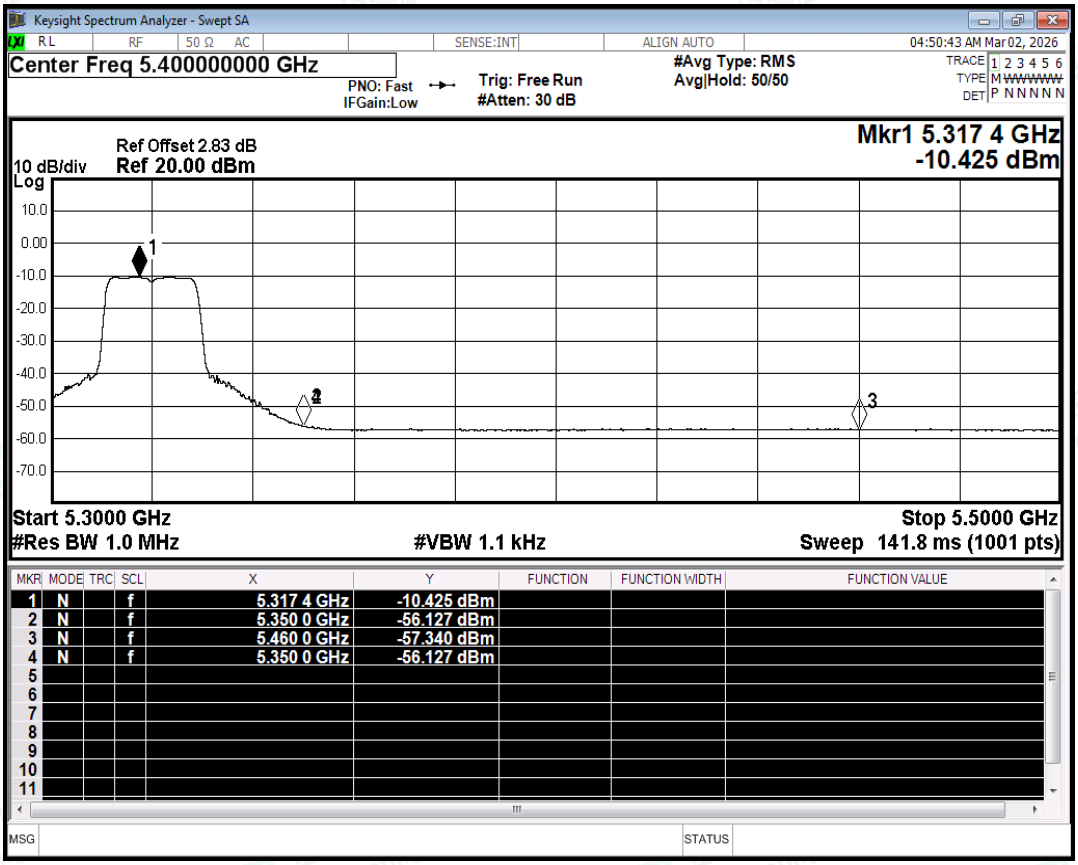
Restrict Band NVNT ax20 5260MHz Ant1 Peak



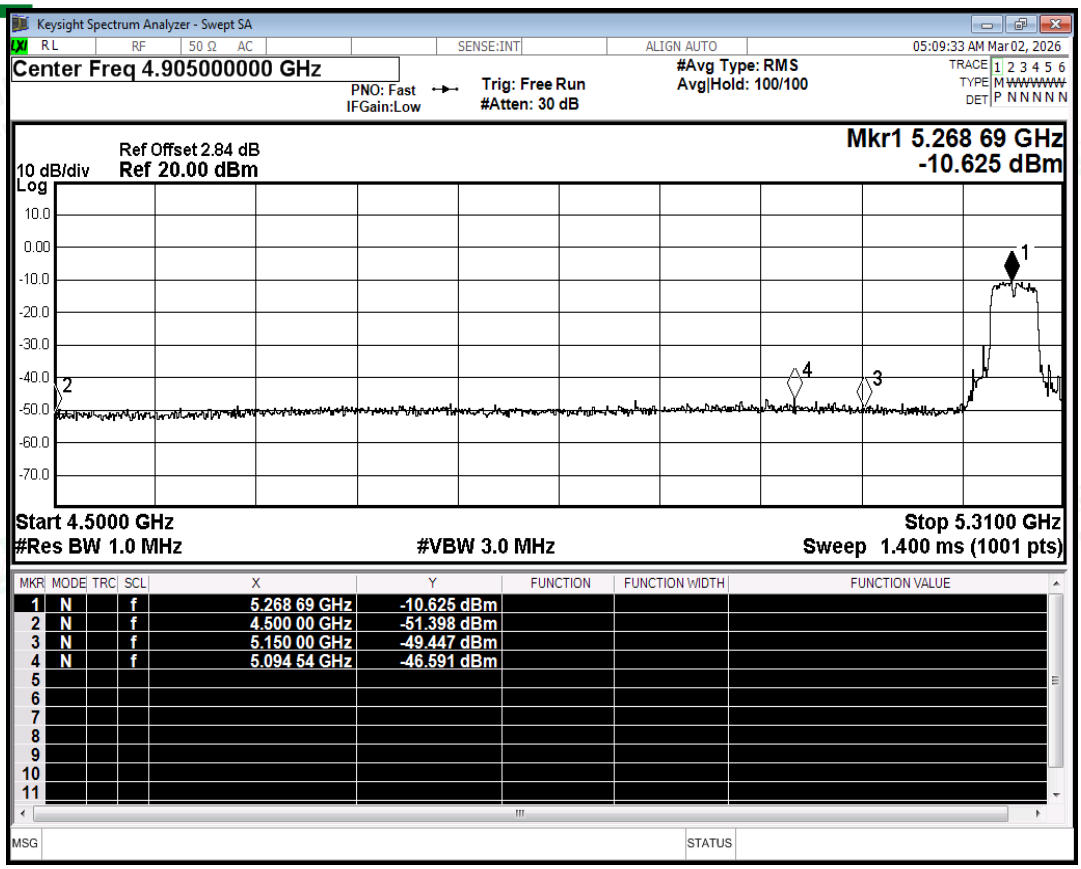
Restrict Band NVNT ax20 5260MHz Ant1 Average



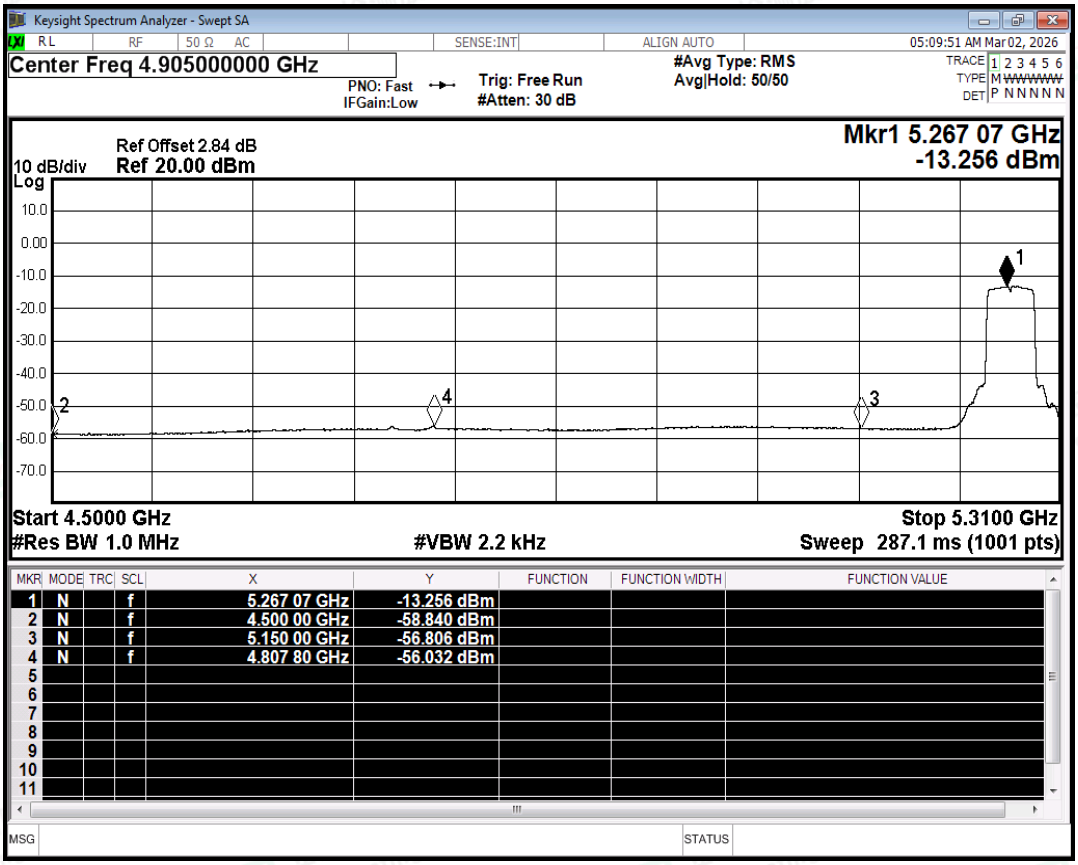
Restrict Band NVNT ax20 5320MHz Ant1 Peak



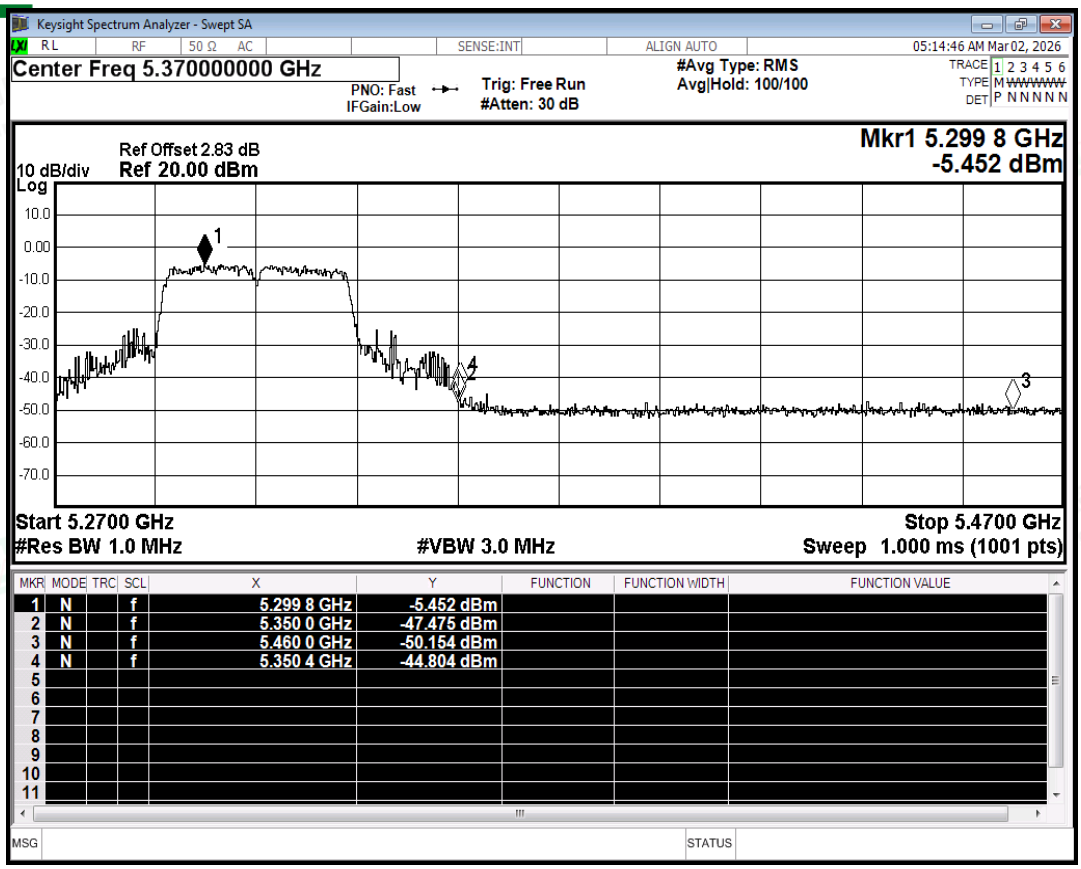
Restrict Band NVNT ax20 5320MHz Ant1 Average



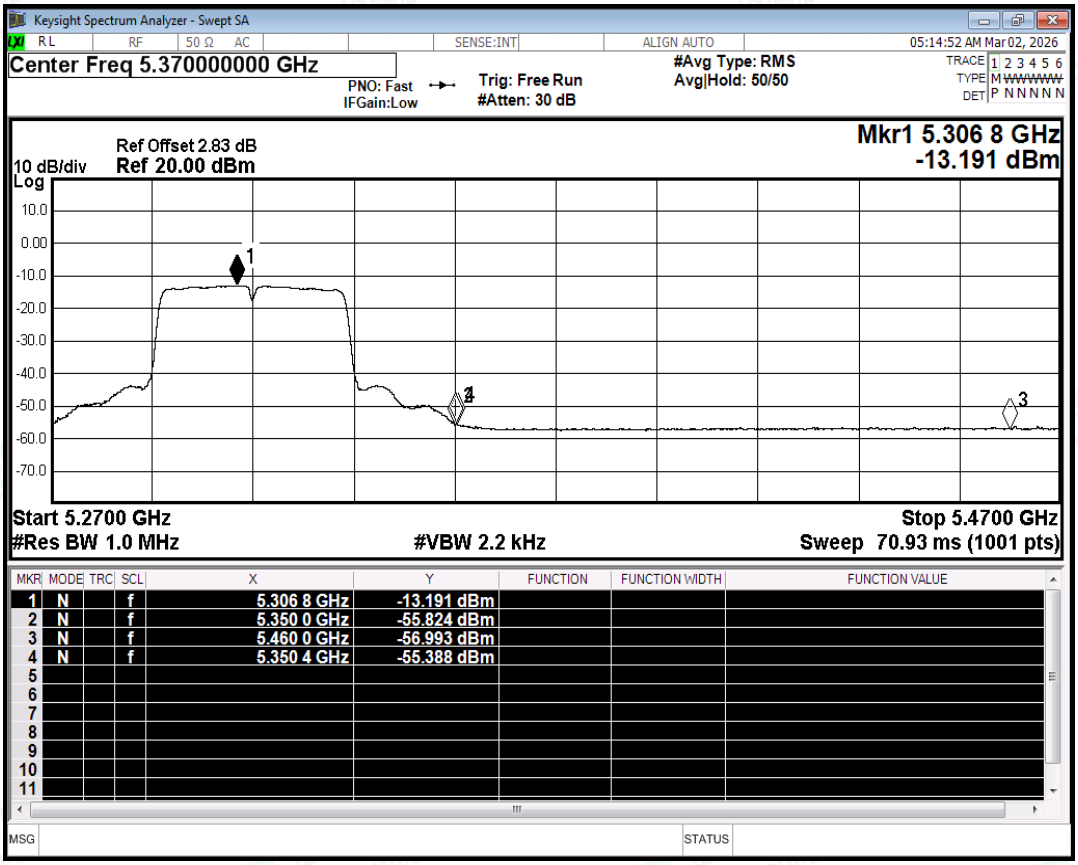
Restrict Band NVNT ax40 5270MHz Ant1 Peak



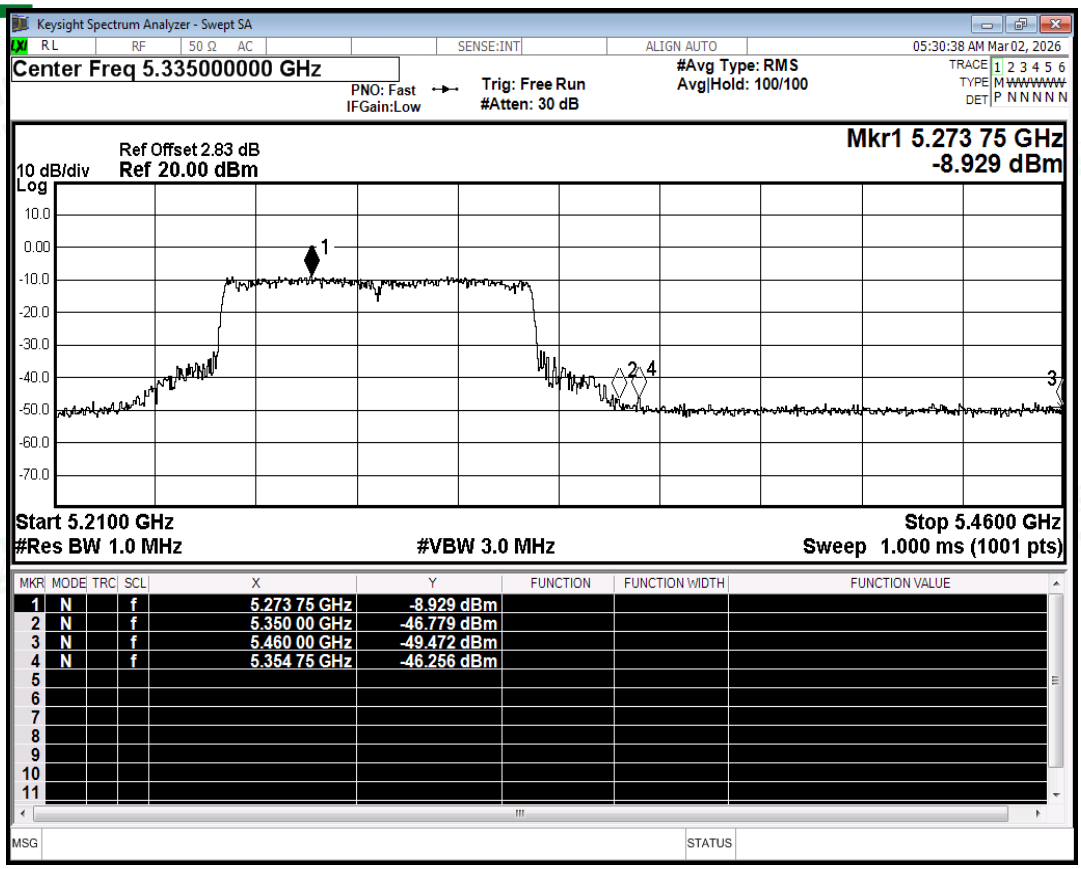
Restrict Band NVNT ax40 5270MHz Ant1 Average



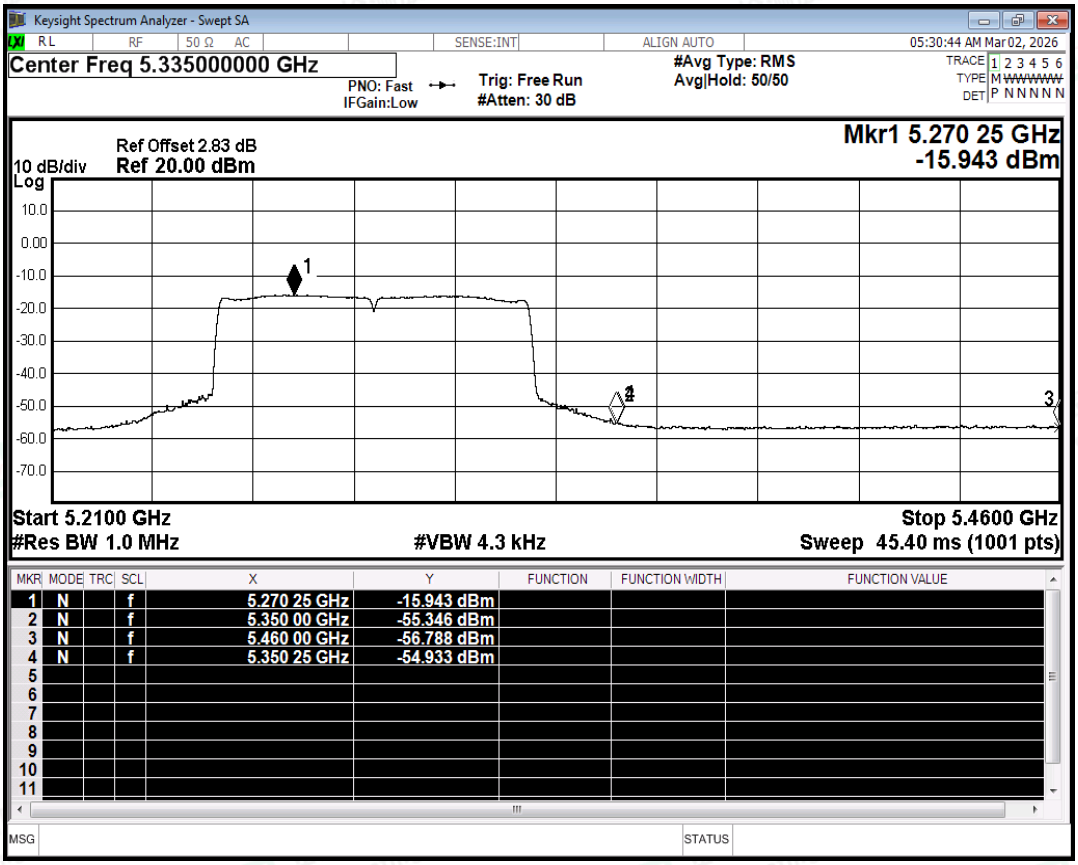
Restrict Band NVNT ax40 5310MHz Ant1 Peak



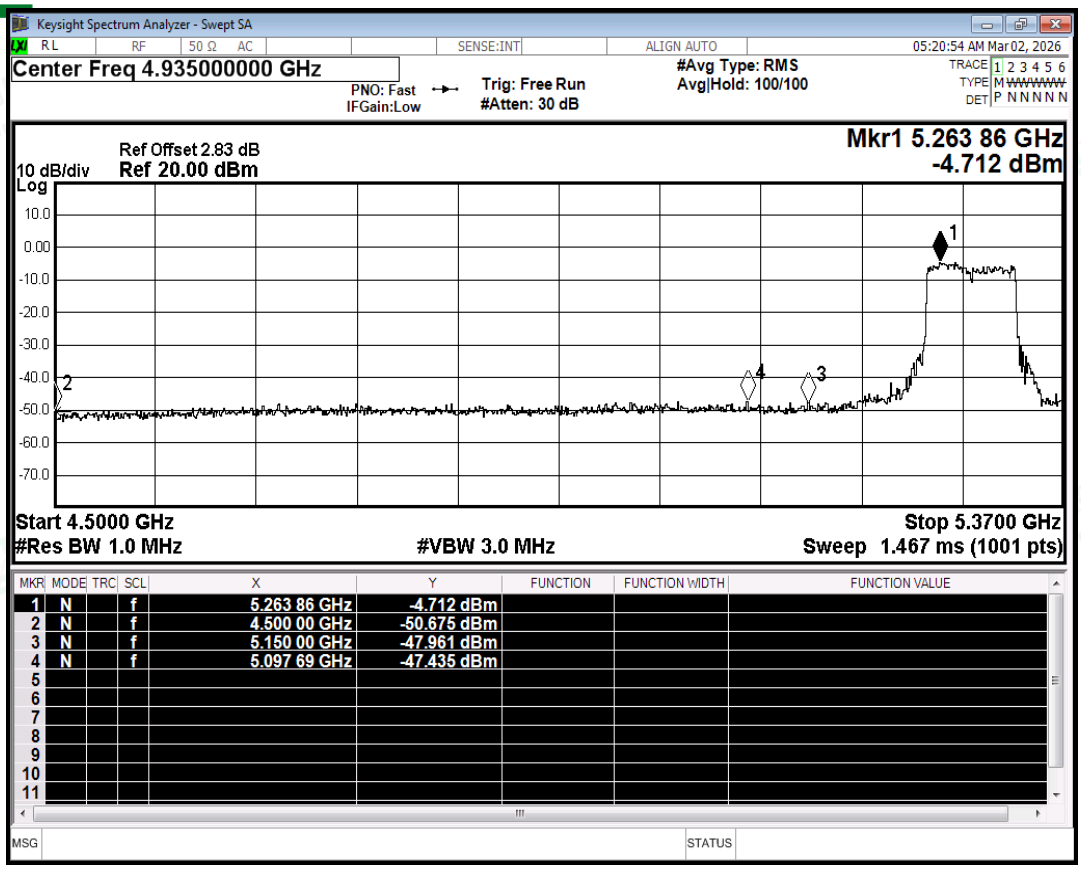
Restrict Band NVNT ax40 5310MHz Ant1 Average



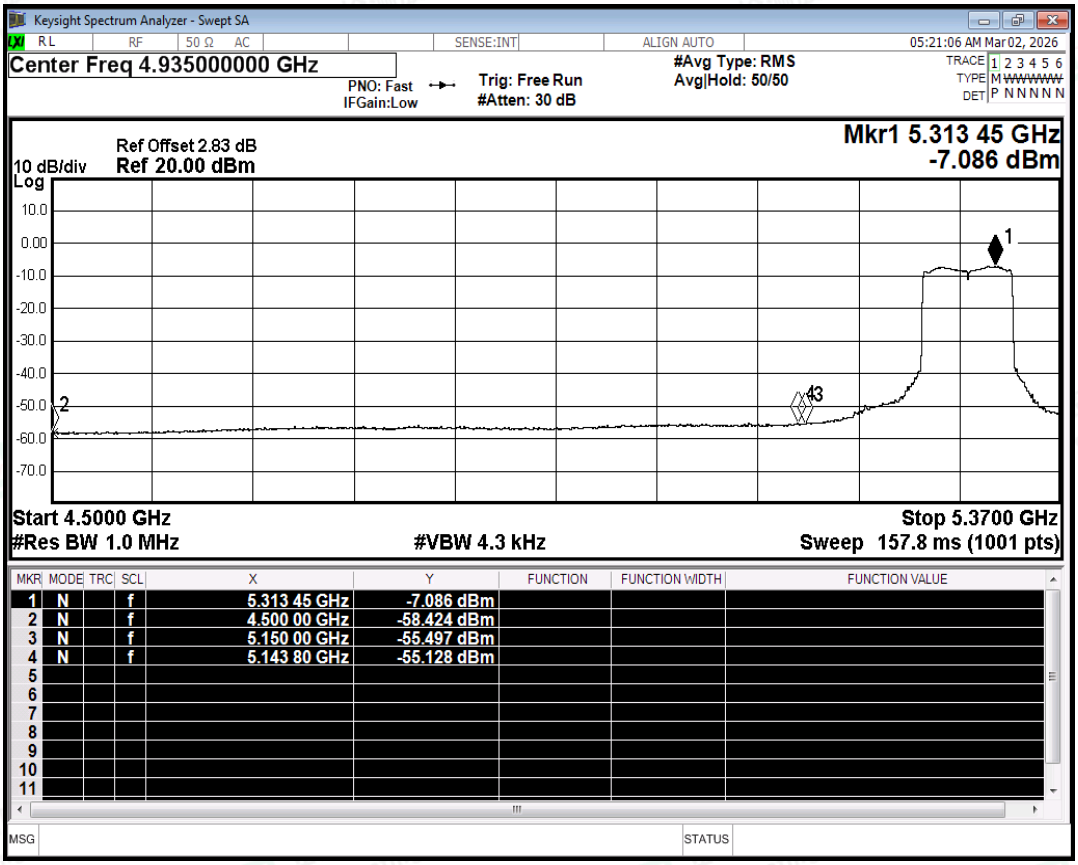
Restrict Band NVNT ax80 5290MHz Ant1 Peak



Restrict Band NVNT ax80 5290MHz Ant1 Average



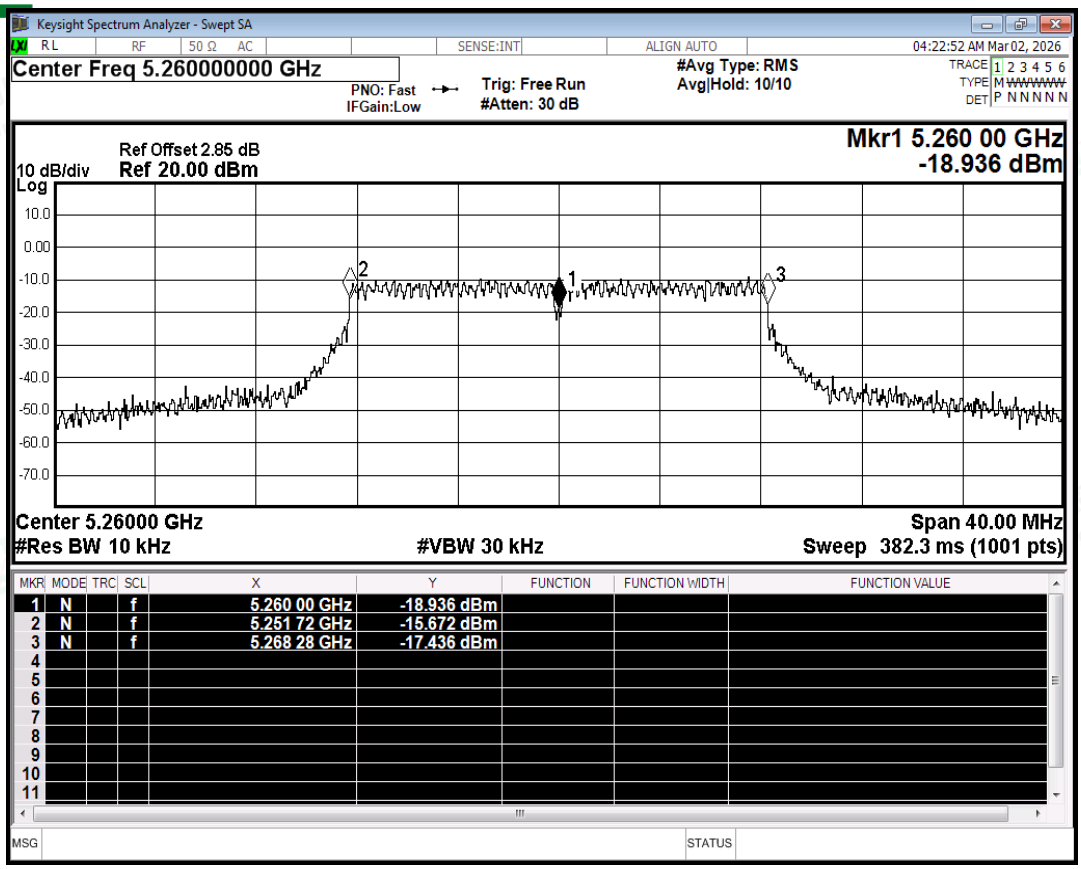
Restrict Band NVNT ax80 5290MHz Ant1 Peak



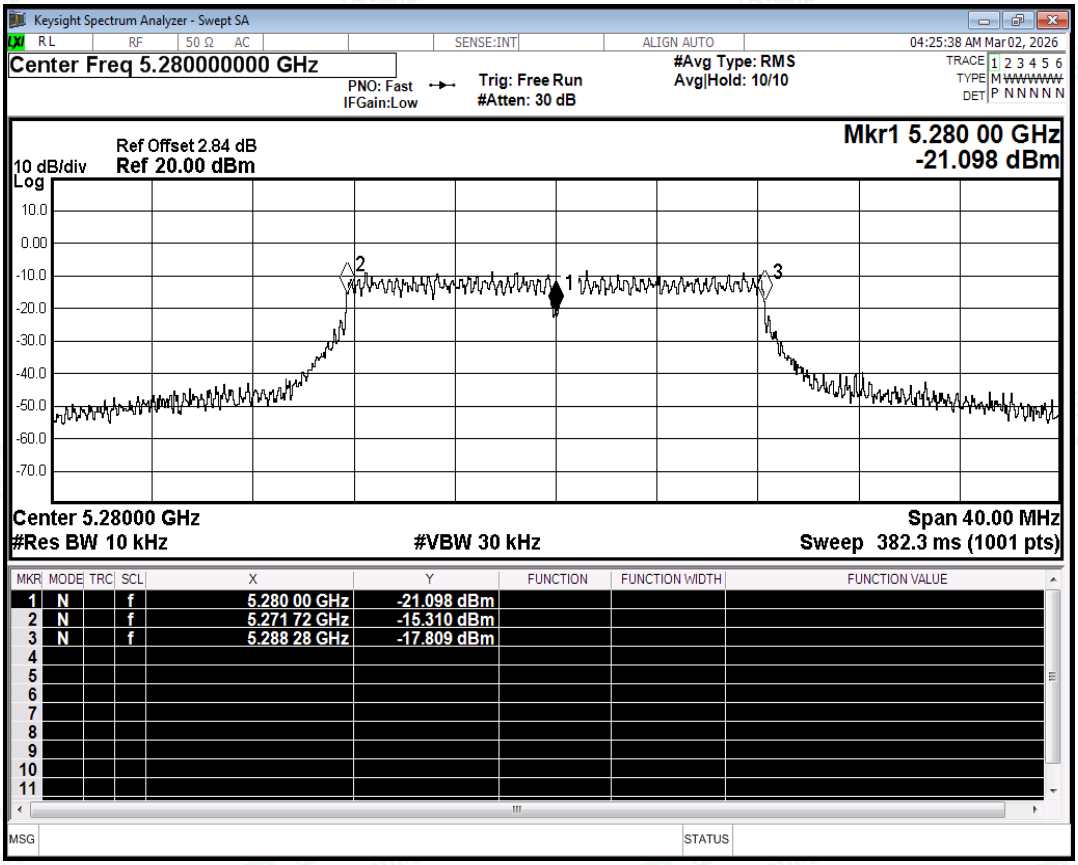
Restrict Band NVNT ax80 5290MHz Ant1 Average

E.5 Frequency Stability

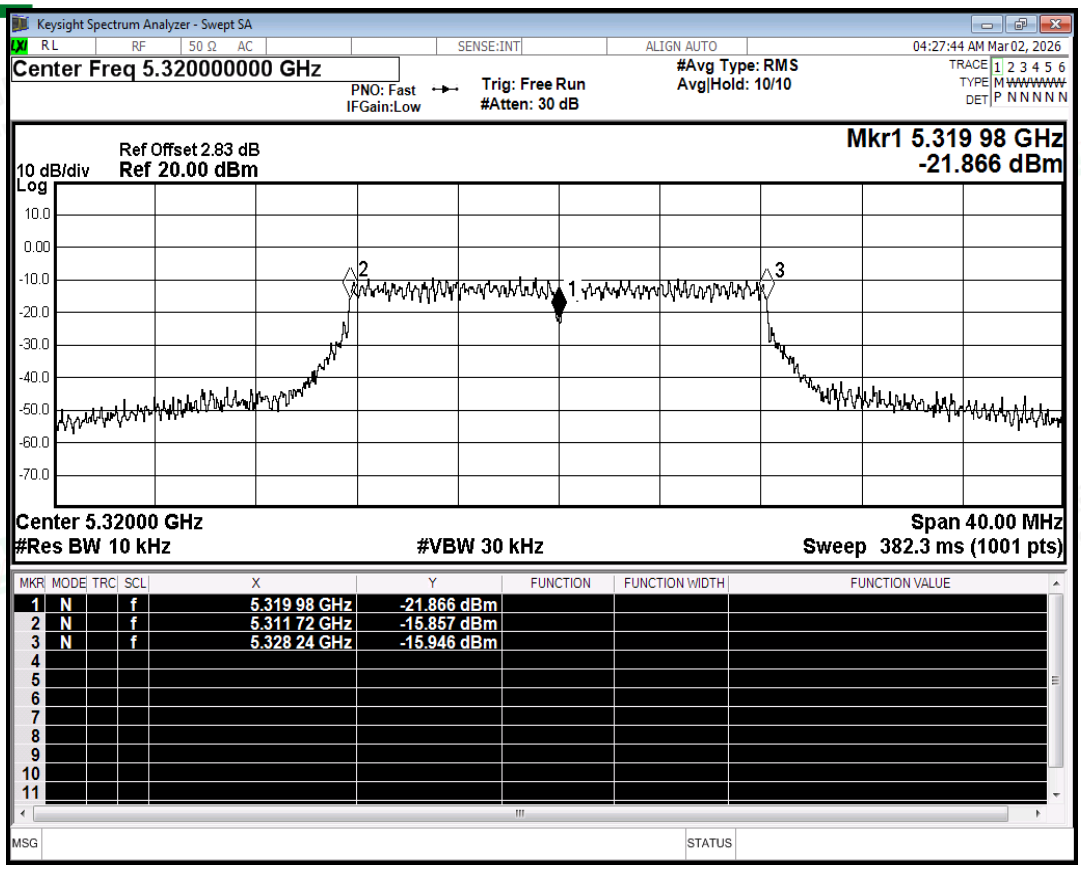
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	a	5260	Ant1	5260	0	0	25	Pass
NVNT	a	5280	Ant1	5280	0	0	25	Pass
NVNT	a	5320	Ant1	5319.98	-20000	-3.76	25	Pass
NVNT	n20	5260	Ant1	5259.98	-20000	-3.8	25	Pass
NVNT	n20	5280	Ant1	5279.98	-20000	-3.79	25	Pass
NVNT	n20	5320	Ant1	5320	0	0	25	Pass
NVNT	n40	5270	Ant1	5270	0	0	25	Pass
NVNT	n40	5310	Ant1	5309.96	-40000	-7.53	25	Pass
NVNT	ac20	5260	Ant1	5260	0	0	25	Pass
NVNT	ac20	5280	Ant1	5279.98	-20000	-3.79	25	Pass
NVNT	ac20	5320	Ant1	5320	0	0	25	Pass
NVNT	ac40	5270	Ant1	5270	0	0	25	Pass
NVNT	ac40	5310	Ant1	5310	0	0	25	Pass
NVNT	ac80	5290	Ant1	5290	0	0	25	Pass
NVNT	ax20	5260	Ant1	5260	0	0	25	Pass
NVNT	ax20	5280	Ant1	5279.98	-20000	-3.79	25	Pass
NVNT	ax20	5320	Ant1	5319.96	-40000	-7.52	25	Pass
NVNT	ax40	5270	Ant1	5270	0	0	25	Pass
NVNT	ax40	5310	Ant1	5309.96	-40000	-7.53	25	Pass
NVNT	ax80	5290	Ant1	5290	0	0	25	Pass



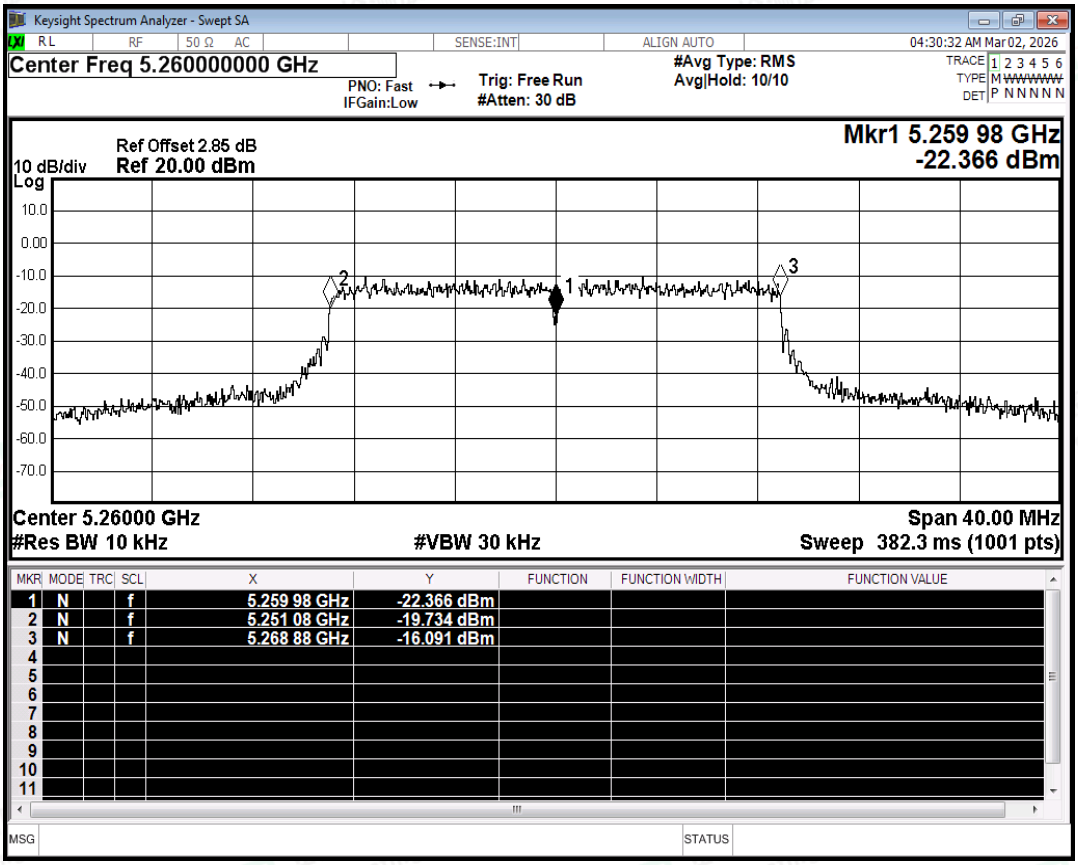
Freq. Stability NVNT a 5260MHz Ant1



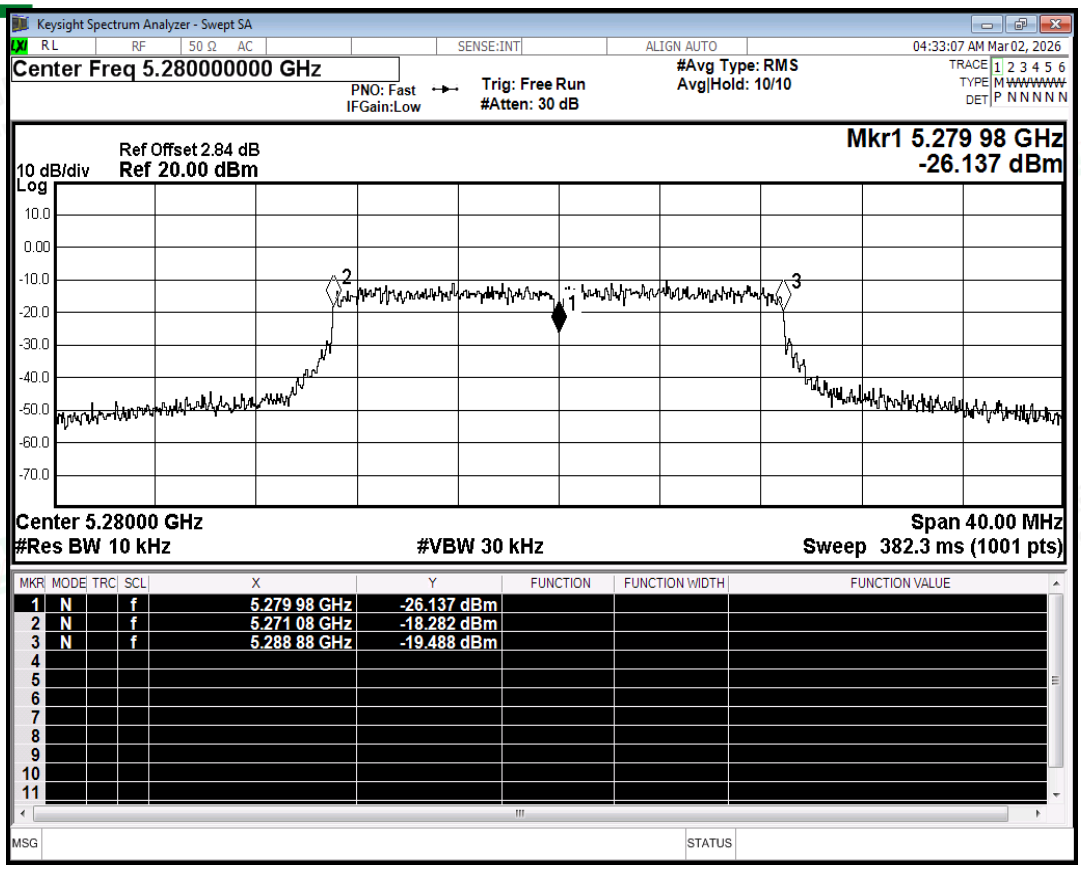
Freq. Stability NVNT a 5280MHz Ant1



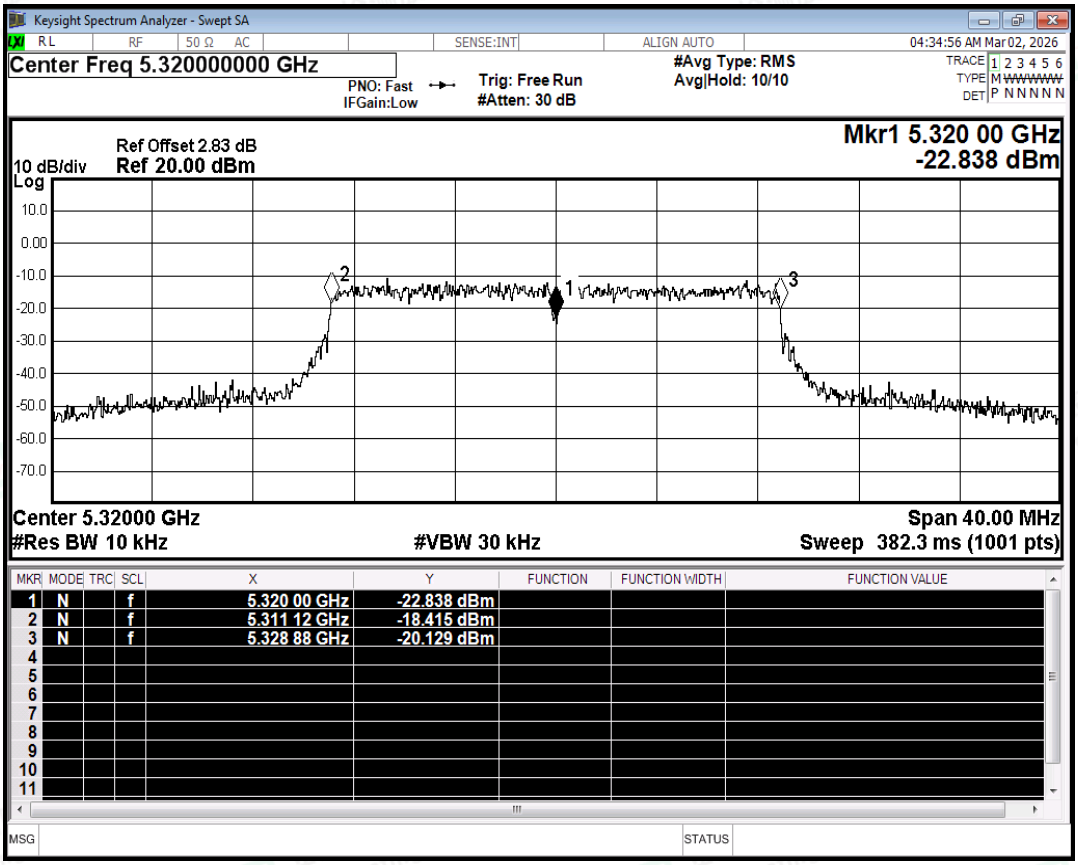
Freq. Stability NVNT a 5320MHz Ant1



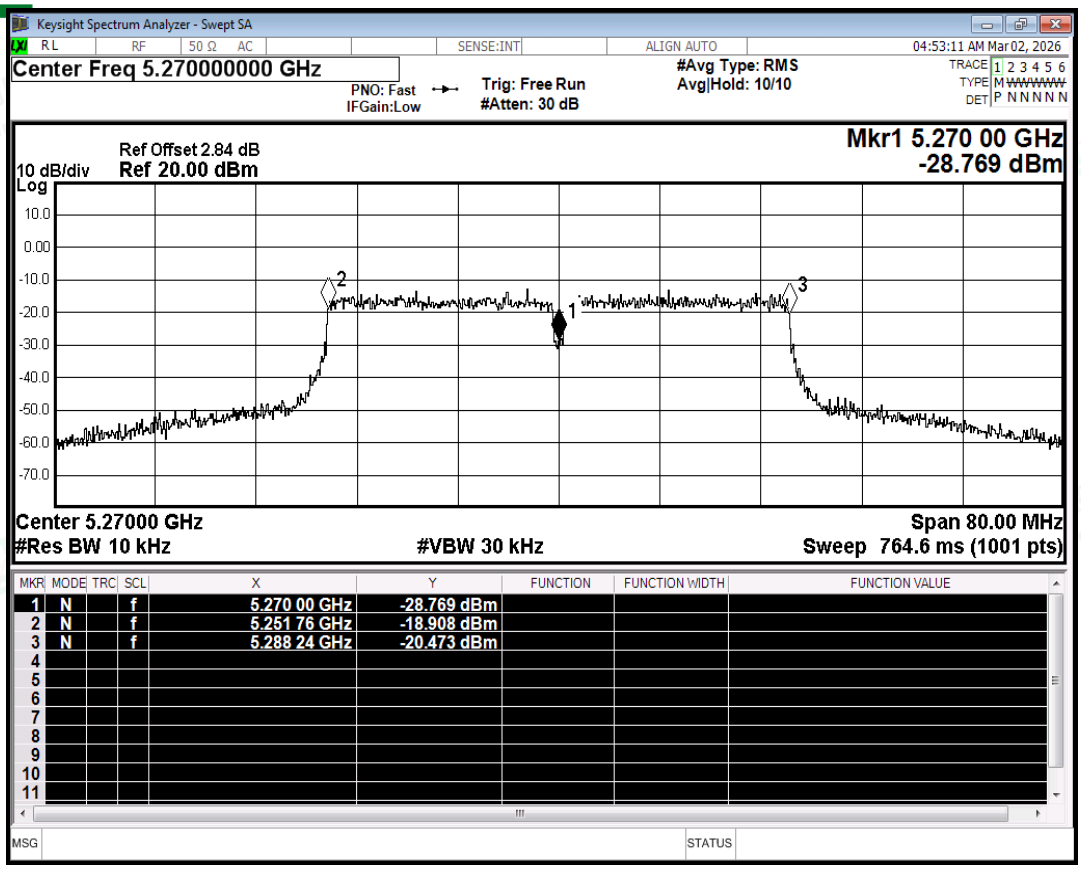
Freq. Stability NVNT n20 5260MHz Ant1



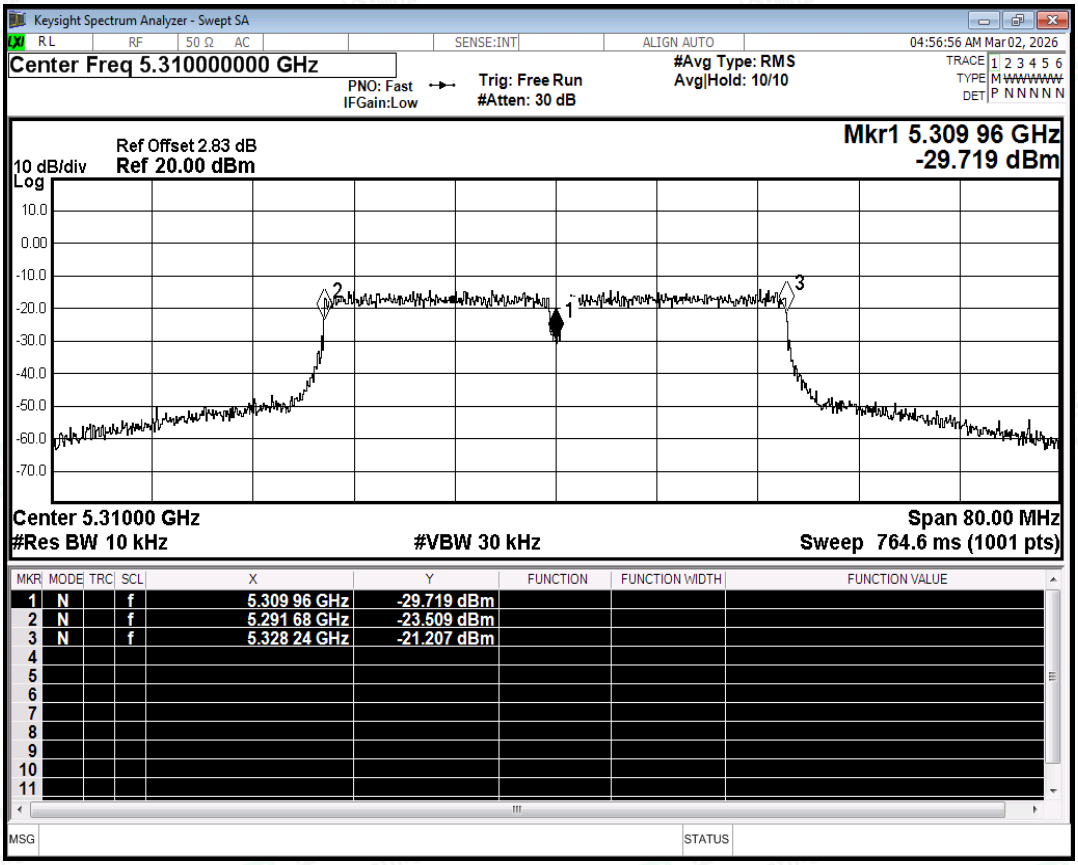
Freq. Stability NVNT n20 5280MHz Ant1



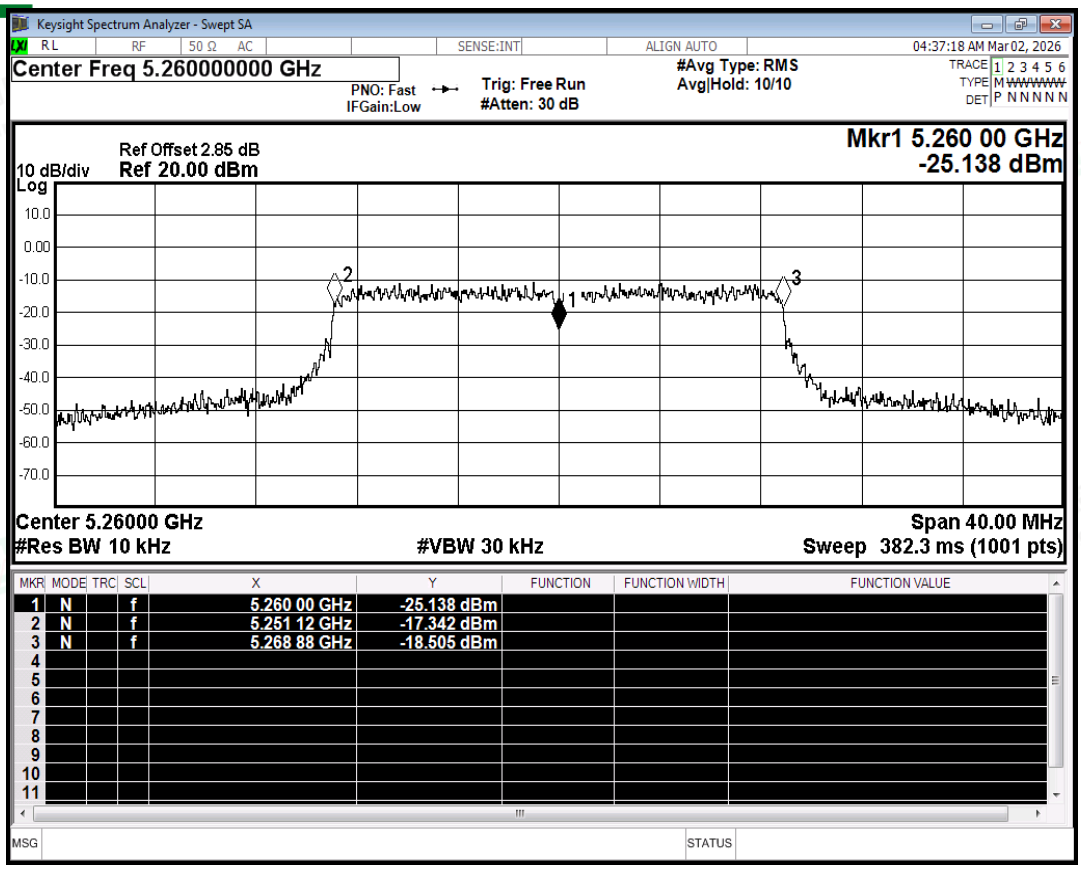
Freq. Stability NVNT n20 5320MHz Ant1



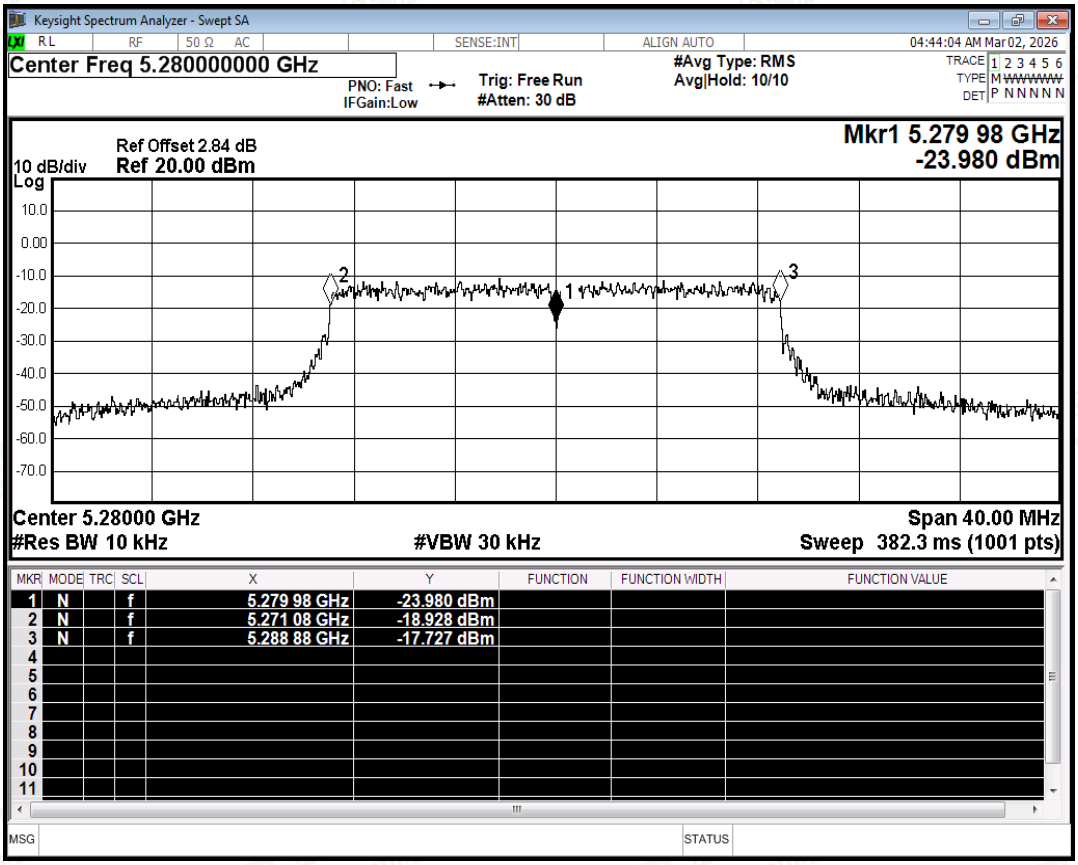
Freq. Stability NVNT n40 5270MHz Ant1



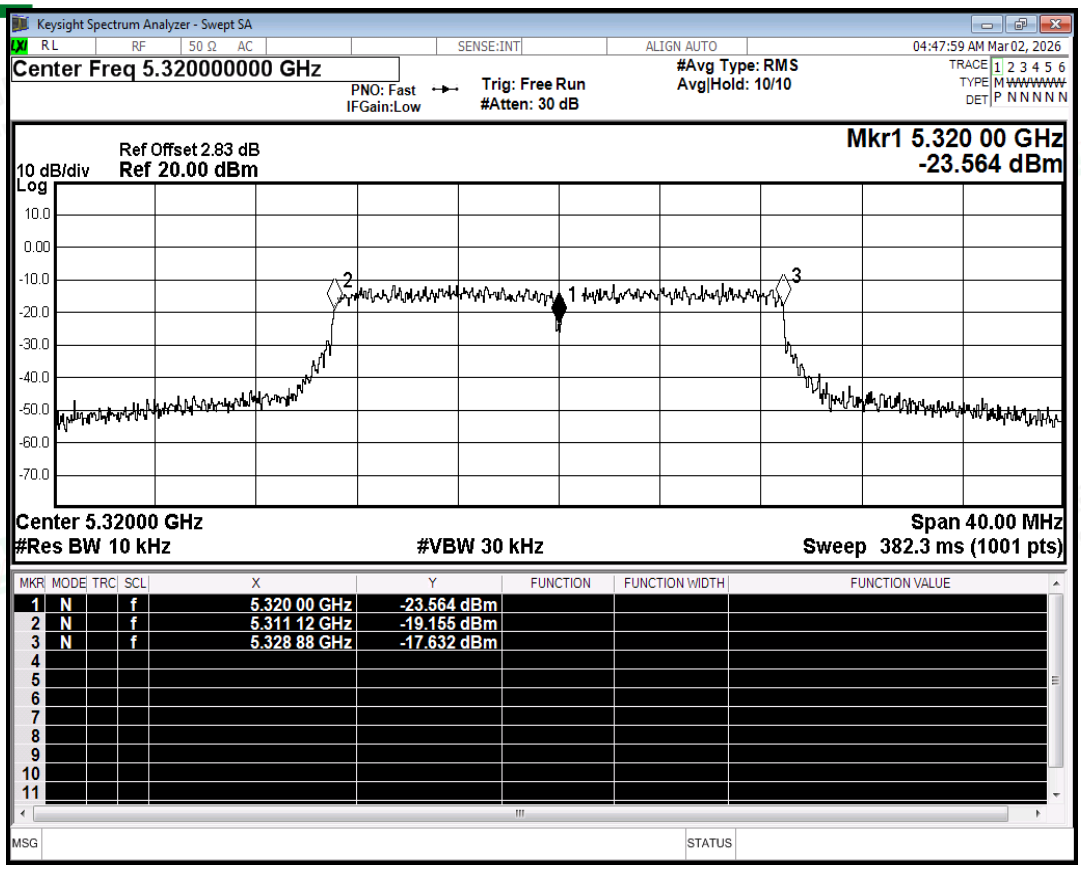
Freq. Stability NVNT n40 5310MHz Ant1



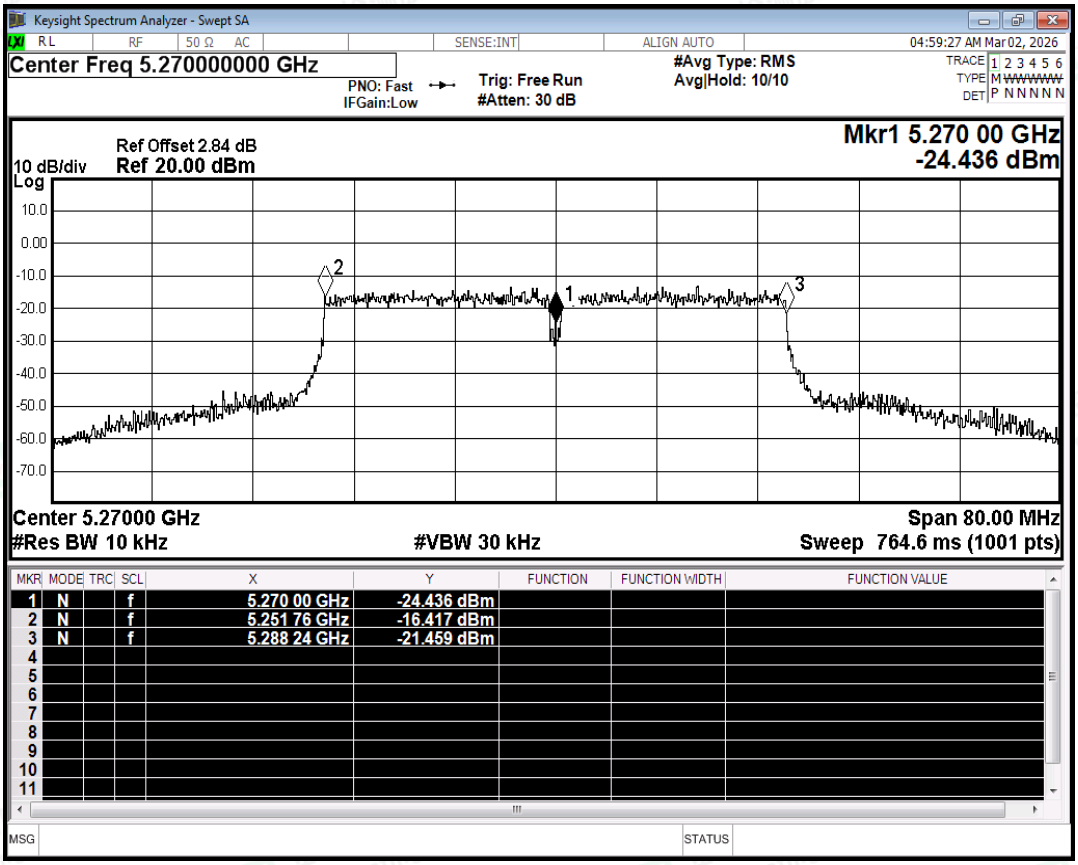
Freq. Stability NVNT ac20 5260MHz Ant1



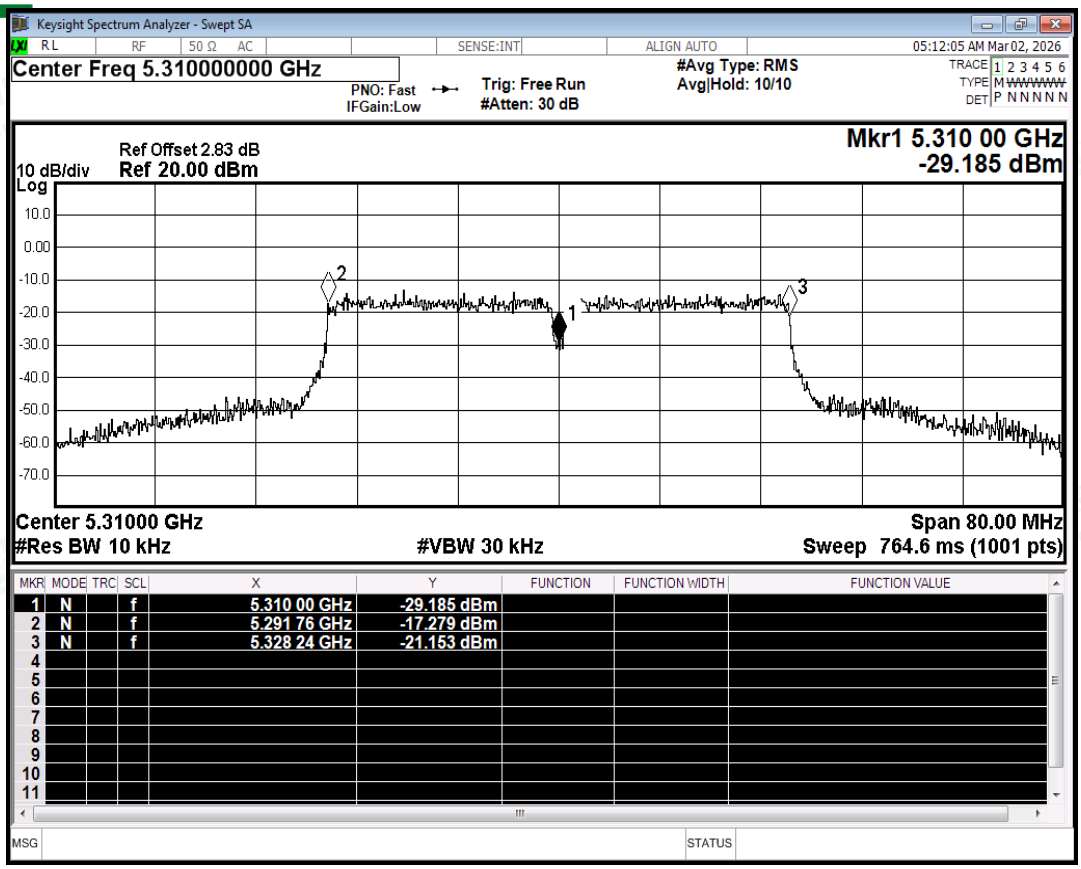
Freq. Stability NVNT ac20 5280MHz Ant1



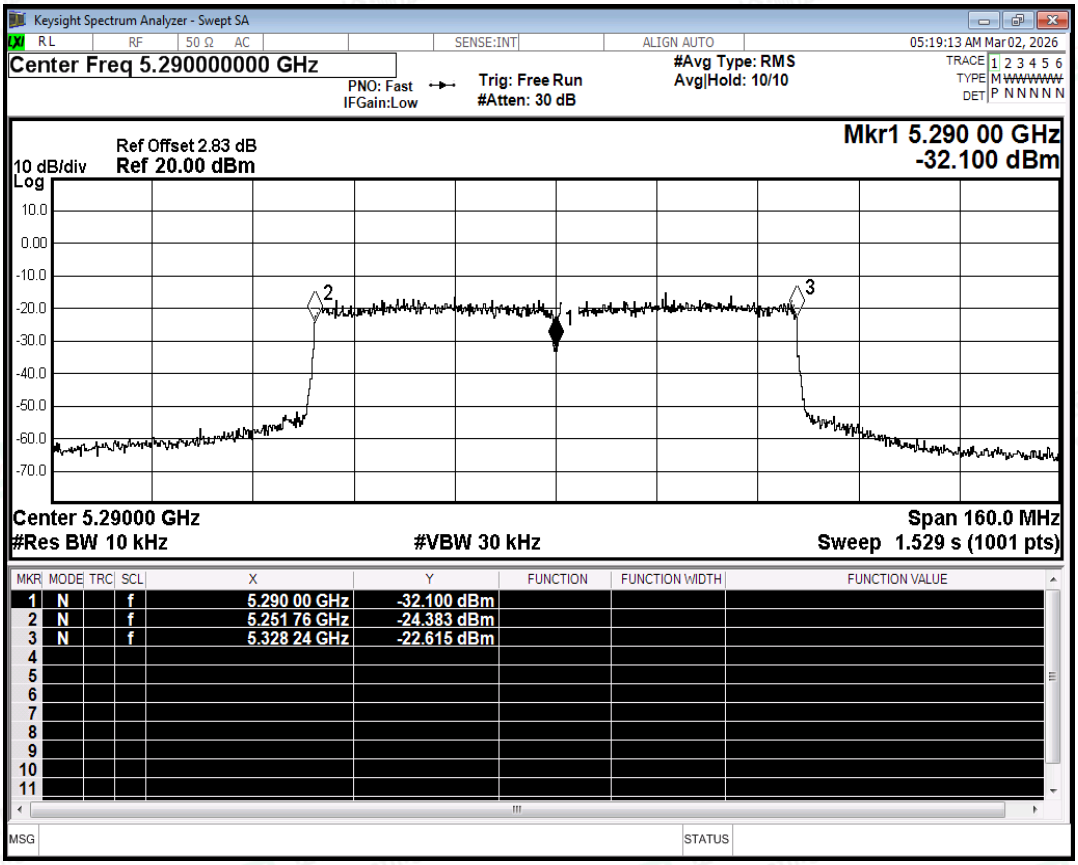
Freq. Stability NVNT ac20 5320MHz Ant1



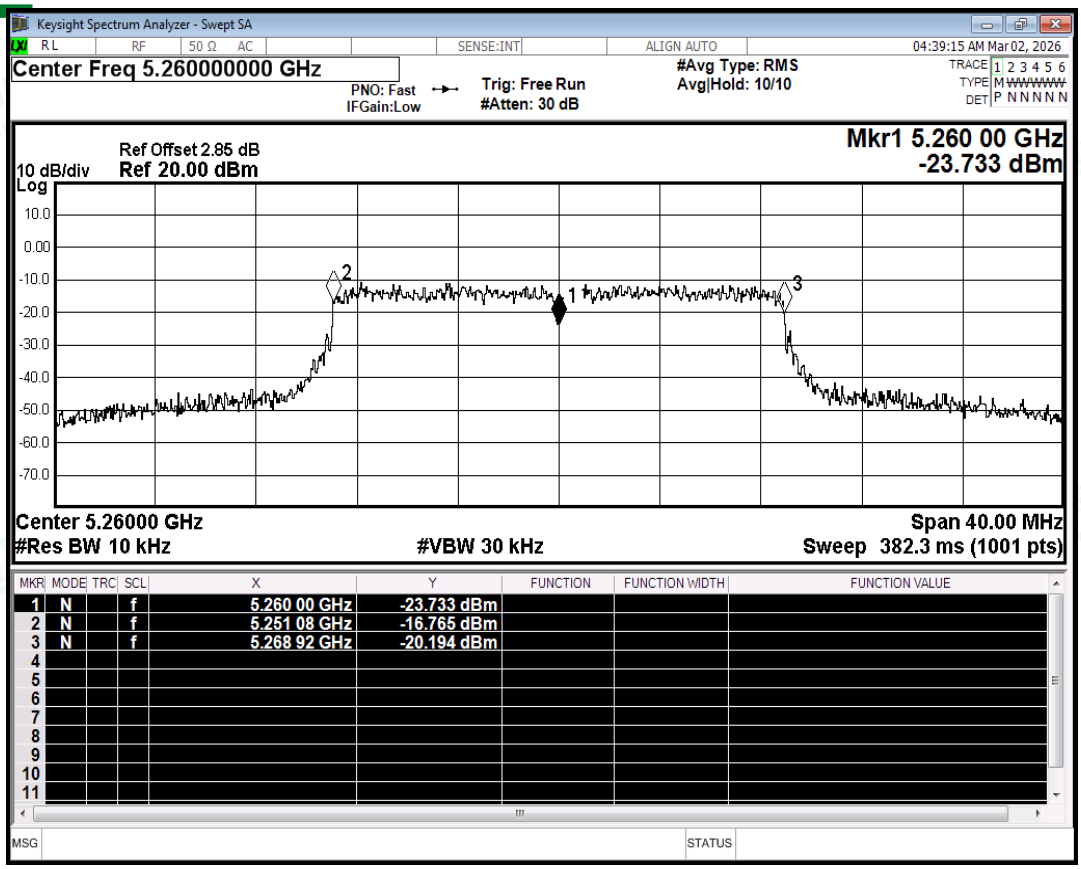
Freq. Stability NVNT ac40 5270MHz Ant1



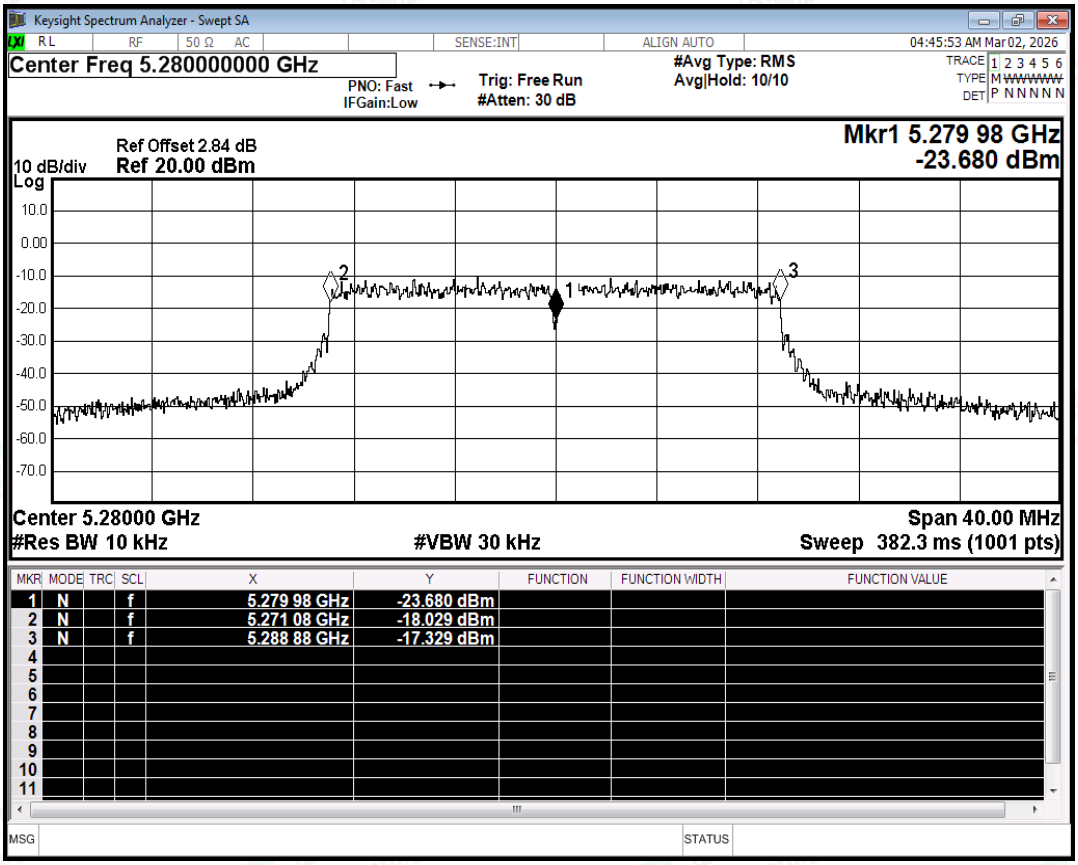
Freq. Stability NVNT ac40 5310MHz Ant1



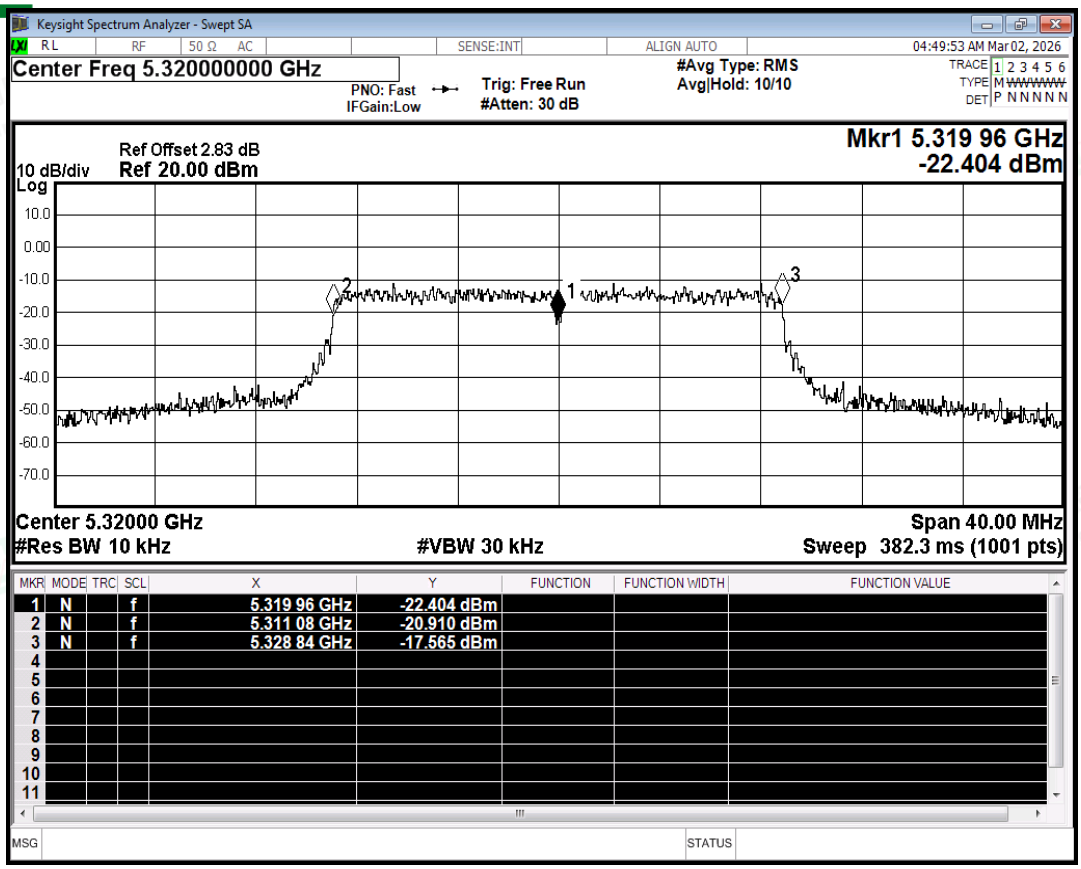
Freq. Stability NVNT ac80 5290MHz Ant1



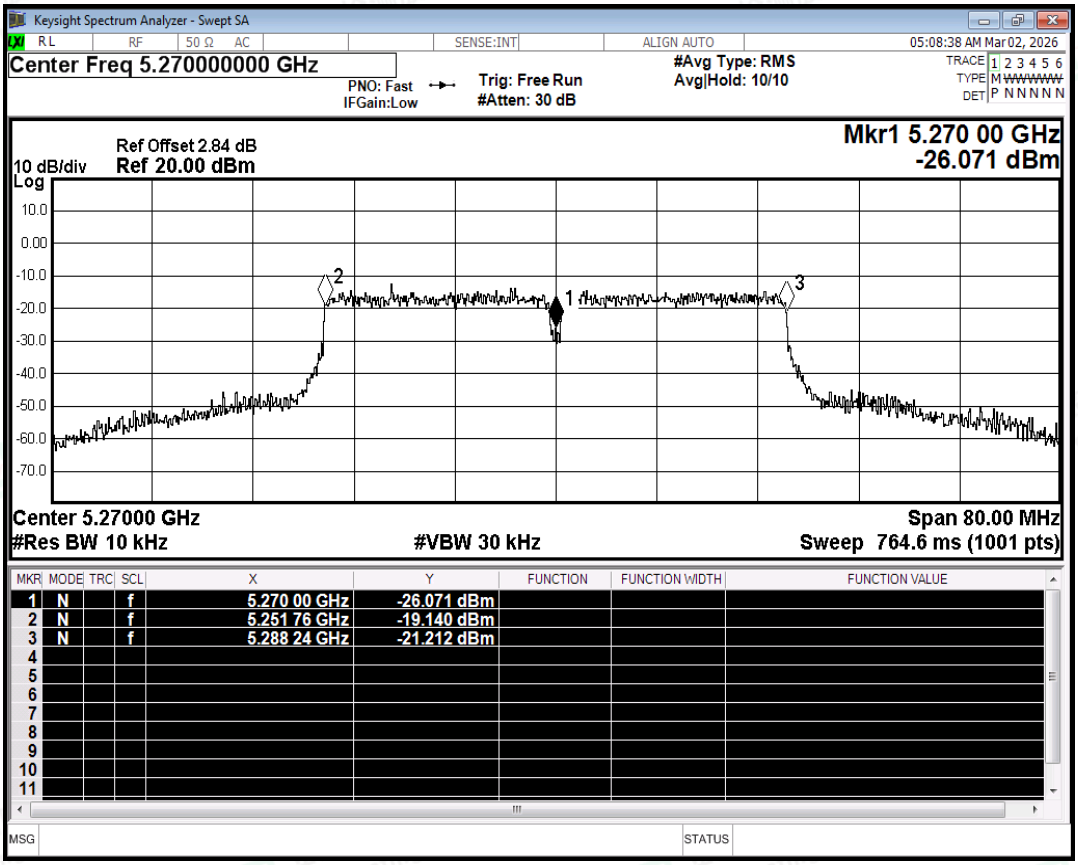
Freq. Stability NVNT ax20 5260MHz Ant1



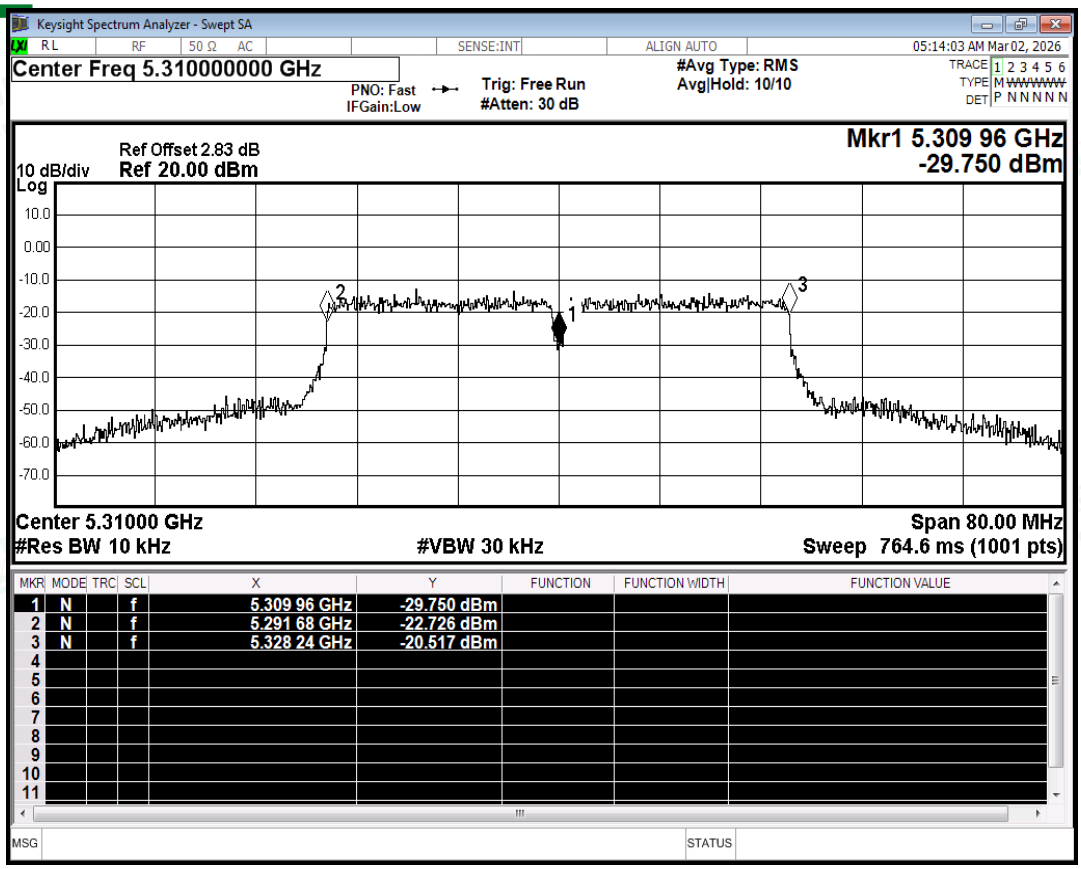
Freq. Stability NVNT ax20 5280MHz Ant1



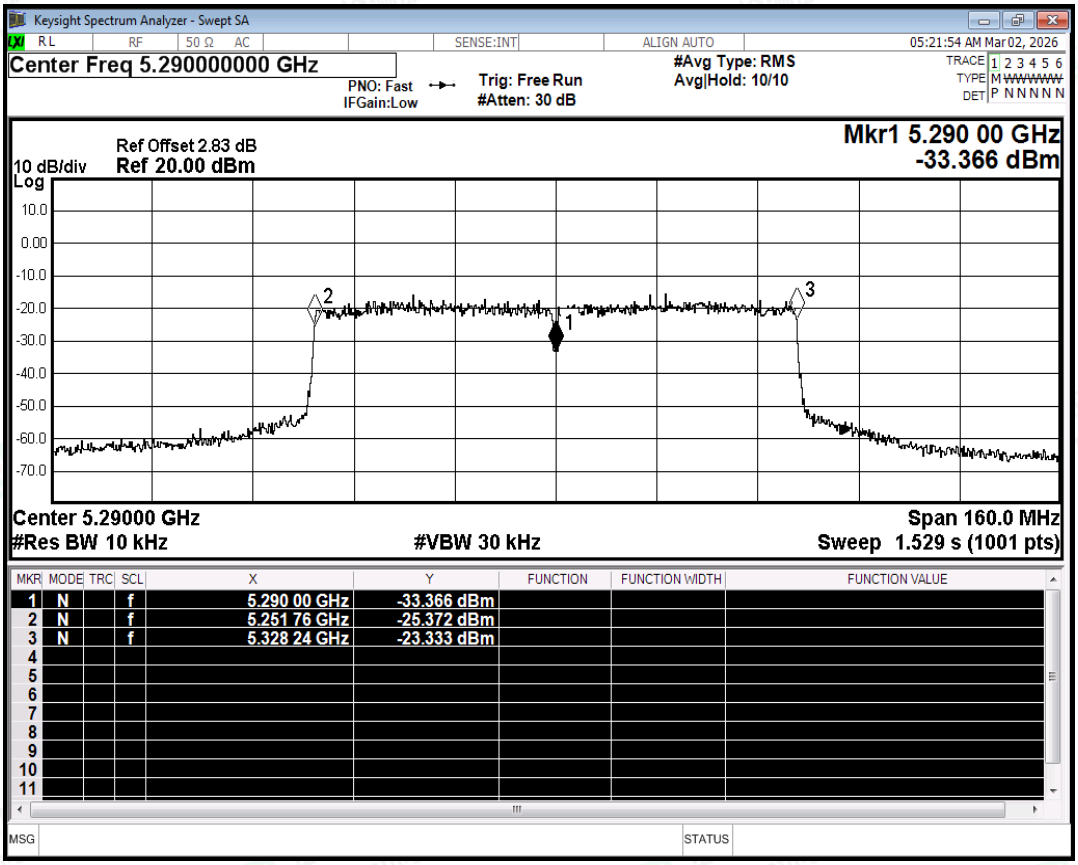
Freq. Stability NVNT ax20 5320MHz Ant1



Freq. Stability NVNT ax40 5270MHz Ant1



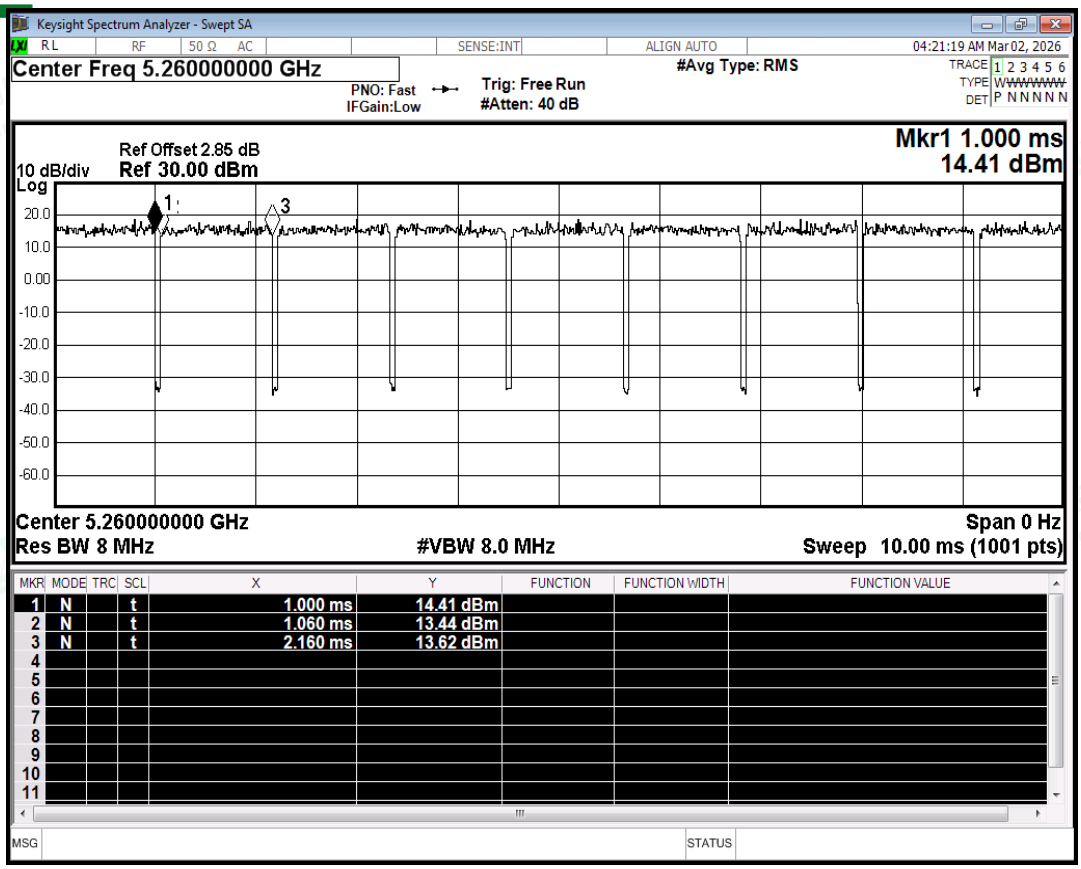
Freq. Stability NVNT ax40 5310MHz Ant1



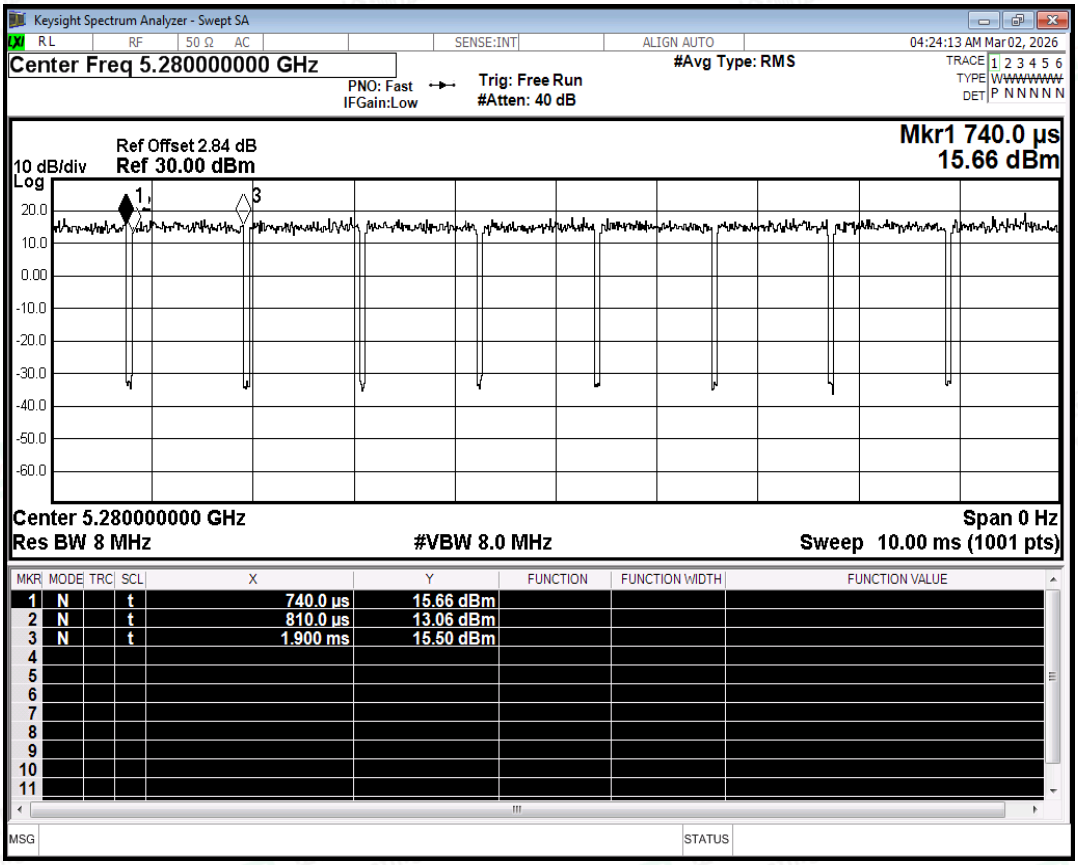
Freq. Stability NVNT ax80 5290MHz Ant1

E.6 Duty Cycle

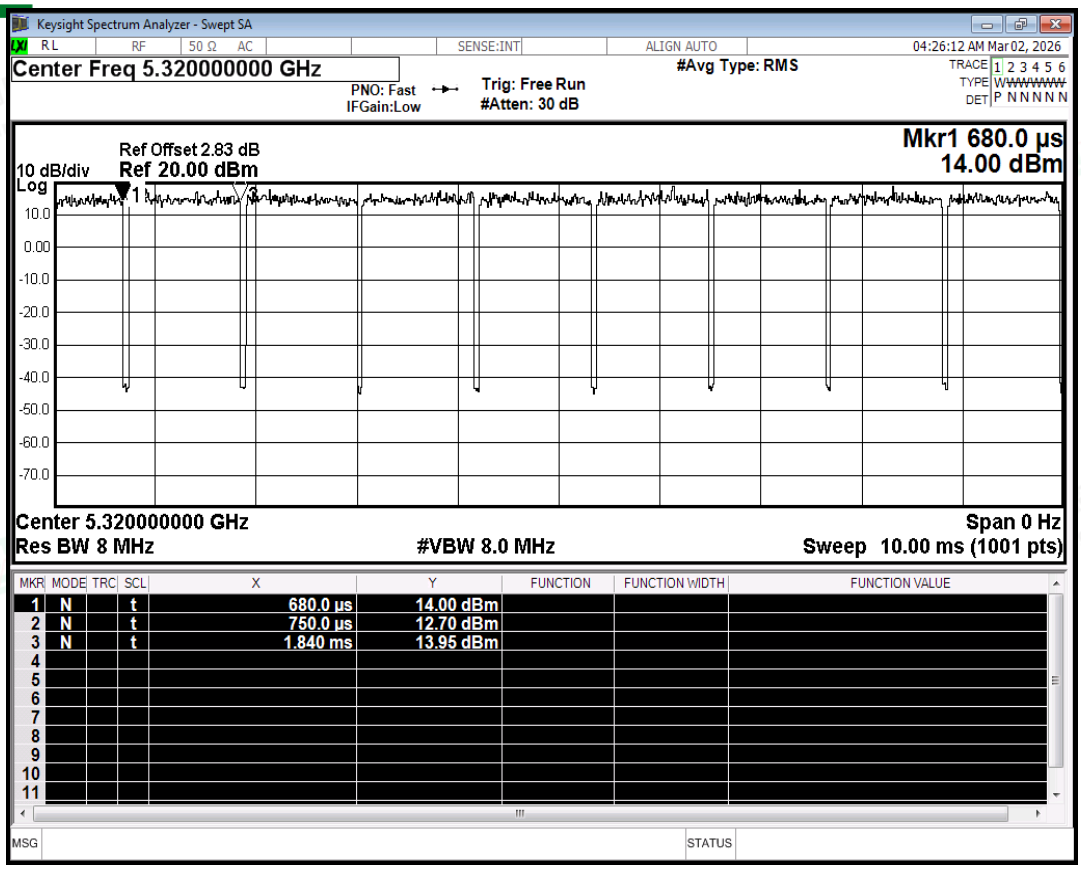
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5260	Ant1	94.83	0.23	0.91
NVNT	a	5280	Ant1	93.97	0.27	0.92
NVNT	a	5320	Ant1	93.97	0.27	0.92
NVNT	n20	5260	Ant1	93	0.32	1.08
NVNT	n20	5280	Ant1	93.94	0.27	1.08
NVNT	n20	5320	Ant1	93.94	0.27	1.08
NVNT	n40	5270	Ant1	88.68	0.52	2.13
NVNT	n40	5310	Ant1	88.68	0.52	2.13
NVNT	ac20	5260	Ant1	93.07	0.31	1.06
NVNT	ac20	5280	Ant1	94	0.27	1.06
NVNT	ac20	5320	Ant1	94	0.27	1.06
NVNT	ac40	5270	Ant1	88.89	0.51	2.08
NVNT	ac40	5310	Ant1	88.89	0.51	2.08
NVNT	ac80	5290	Ant1	80.65	0.93	4
NVNT	ax20	5260	Ant1	93.07	0.31	1.06
NVNT	ax20	5280	Ant1	93.07	0.31	1.06
NVNT	ax20	5320	Ant1	94	0.27	1.06
NVNT	ax40	5270	Ant1	88.89	0.51	2.08
NVNT	ax40	5310	Ant1	88.89	0.51	2.08
NVNT	ax80	5290	Ant1	80	0.97	4.17



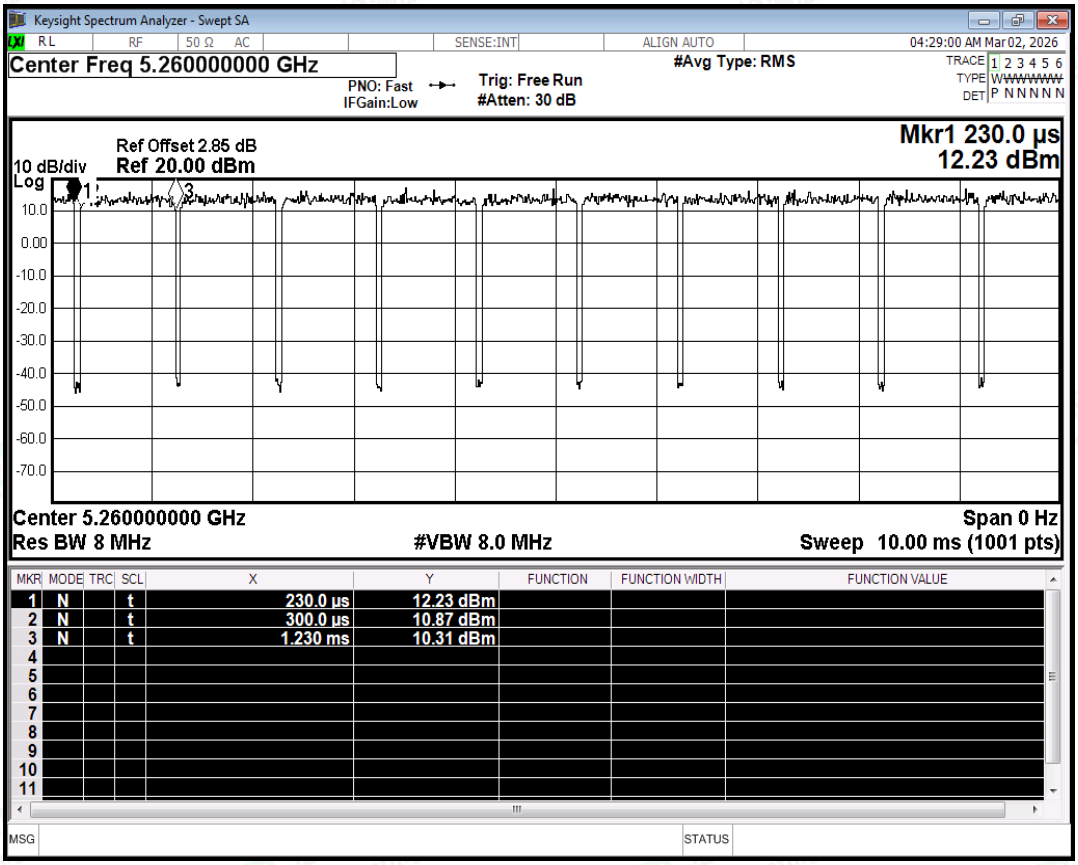
Duty Cycle NVNT a 5260MHz Ant1



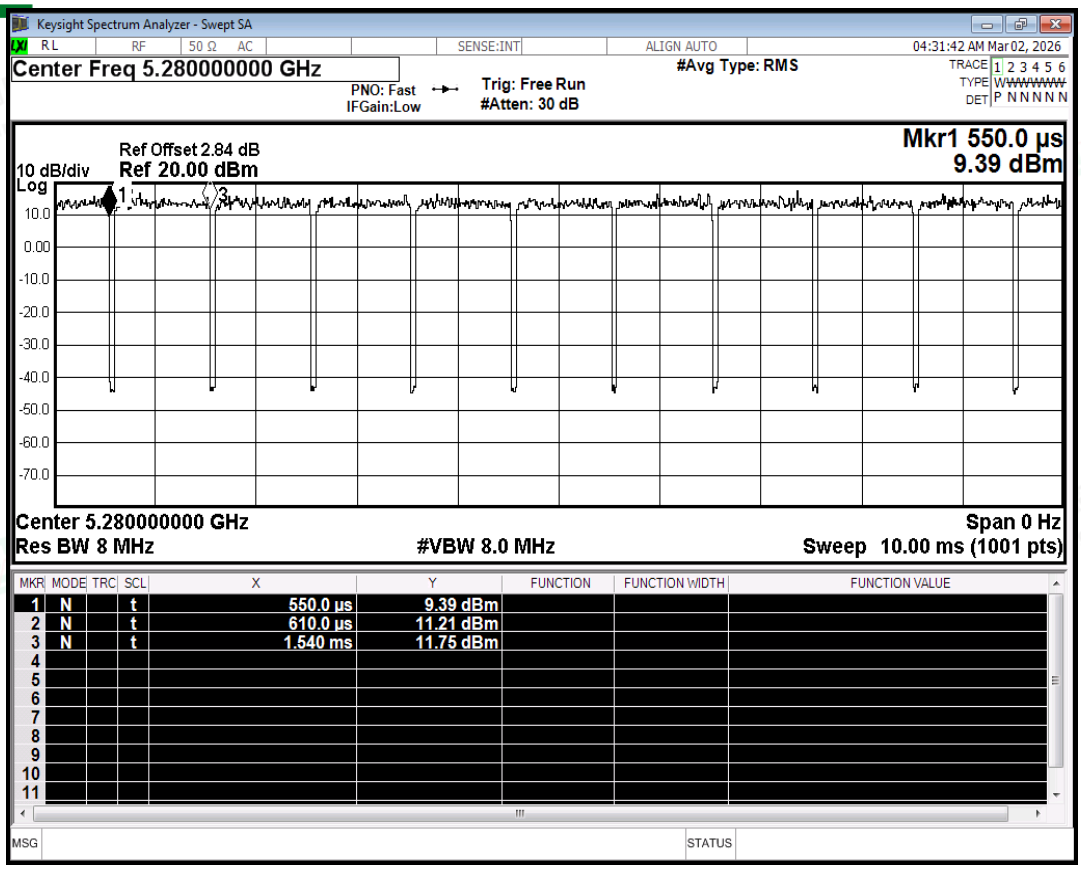
Duty Cycle NVNT a 5280MHz Ant1



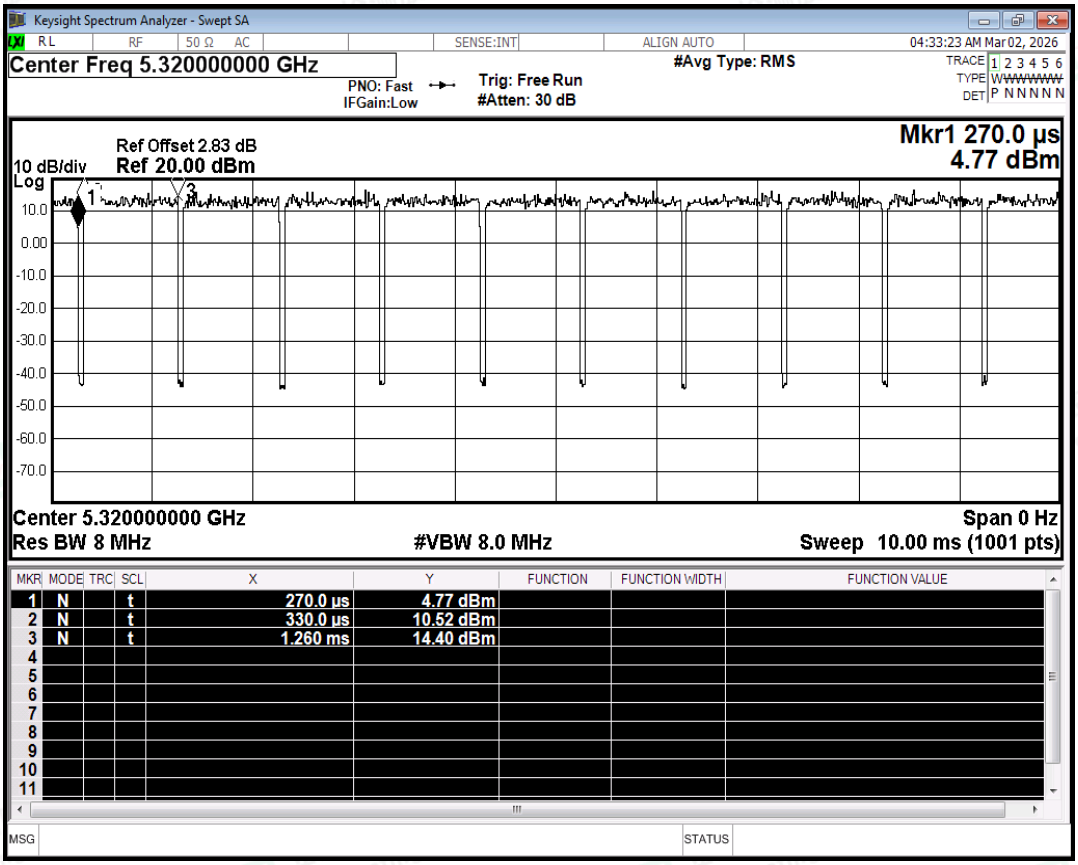
Duty Cycle NVNT a 5320MHz Ant1



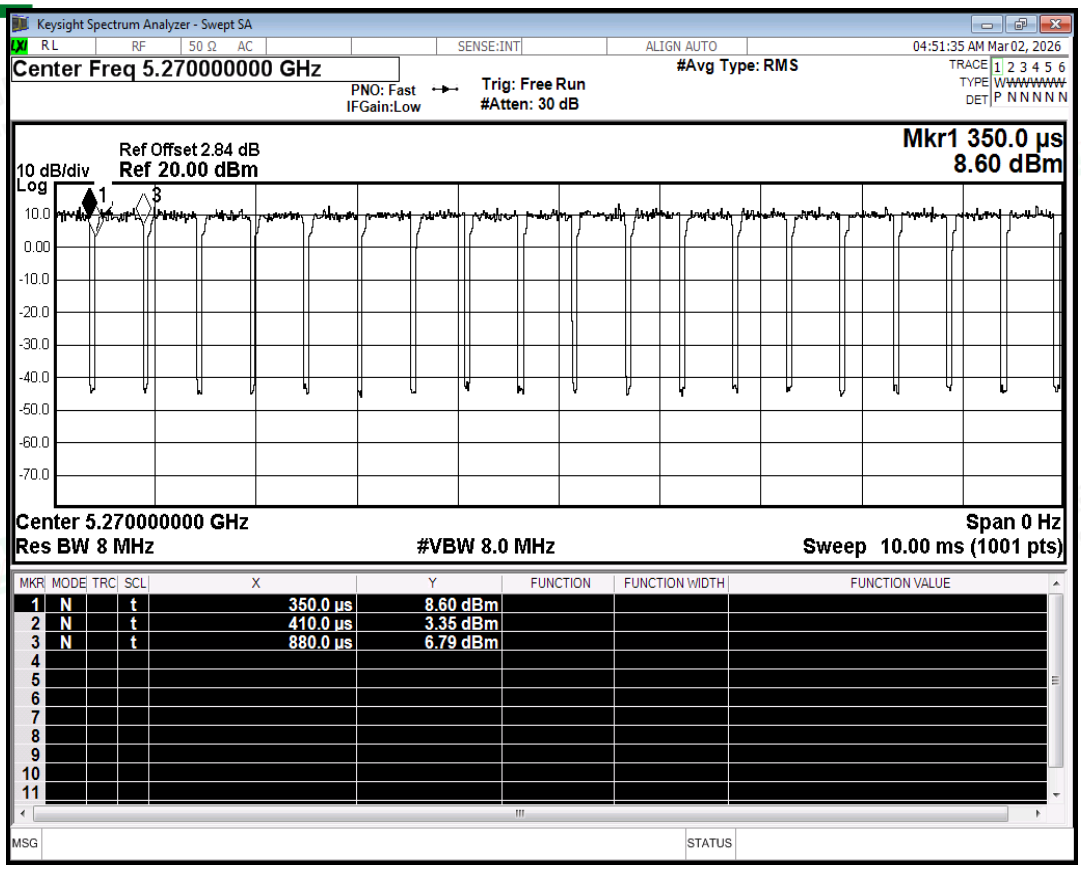
Duty Cycle NVNT n20 5260MHz Ant1



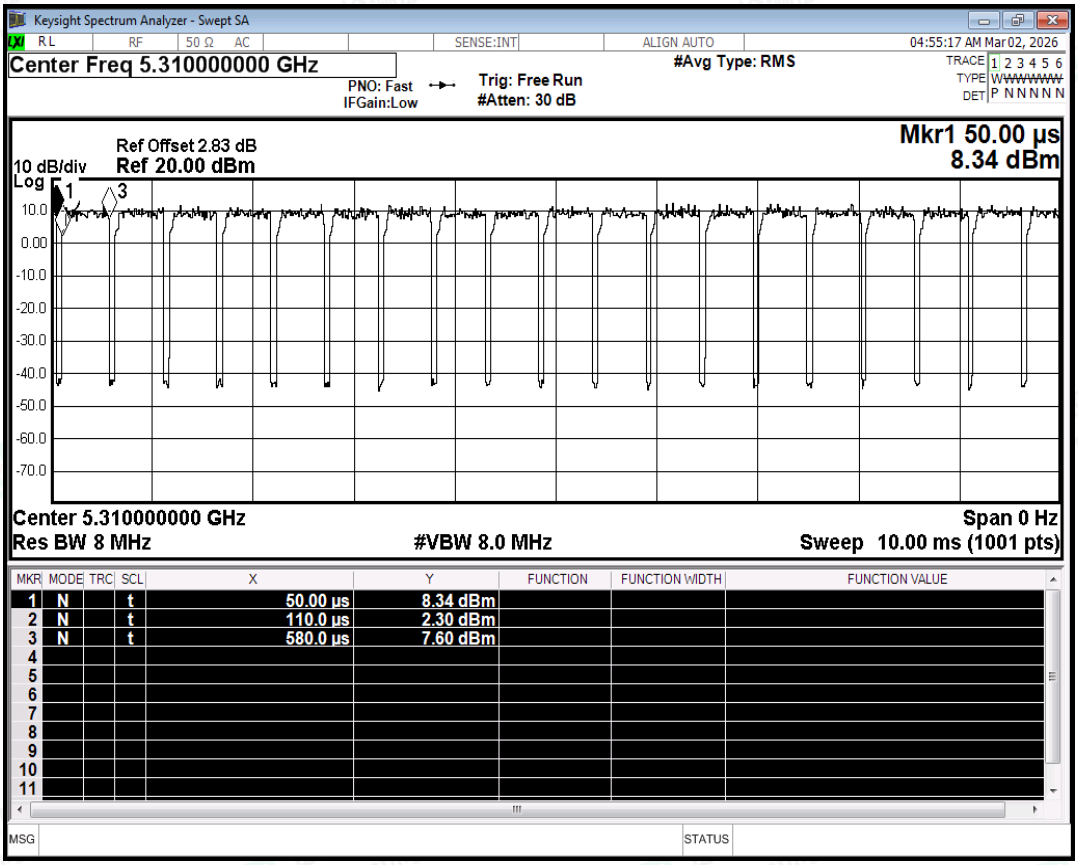
Duty Cycle NVNT n20 5280MHz Ant1



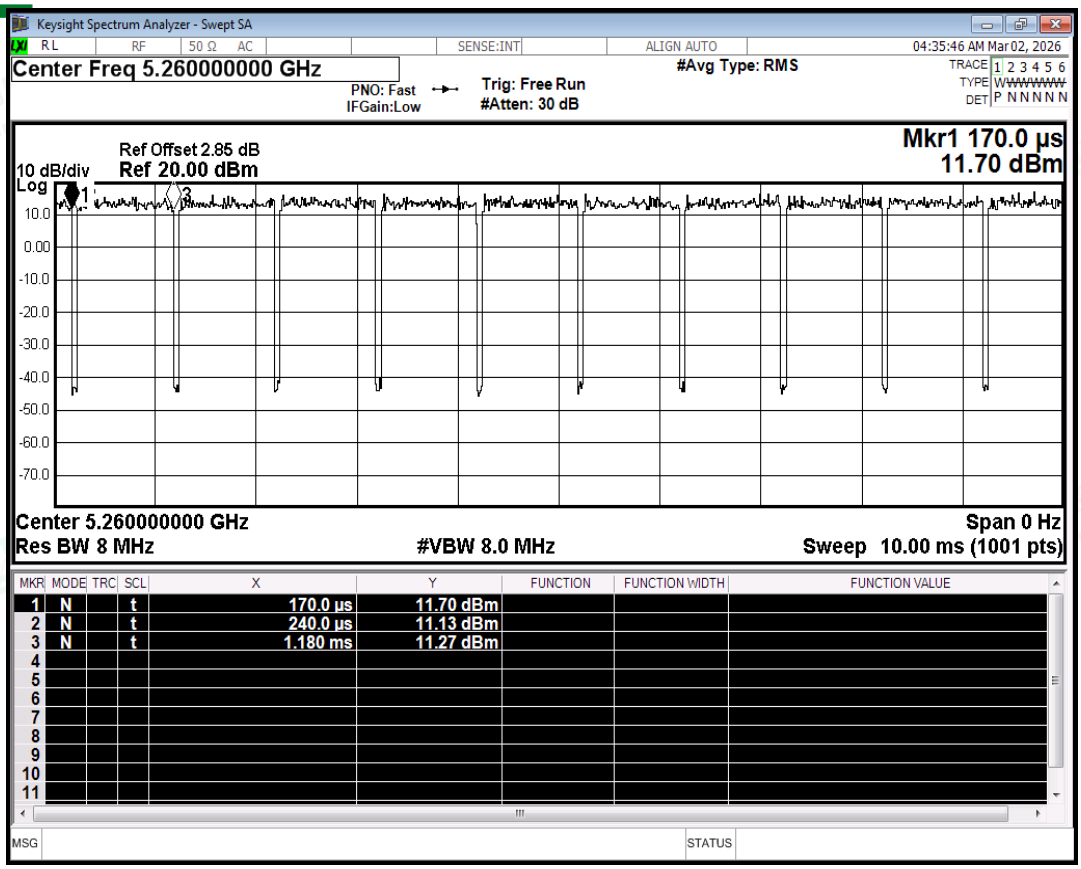
Duty Cycle NVNT n20 5320MHz Ant1



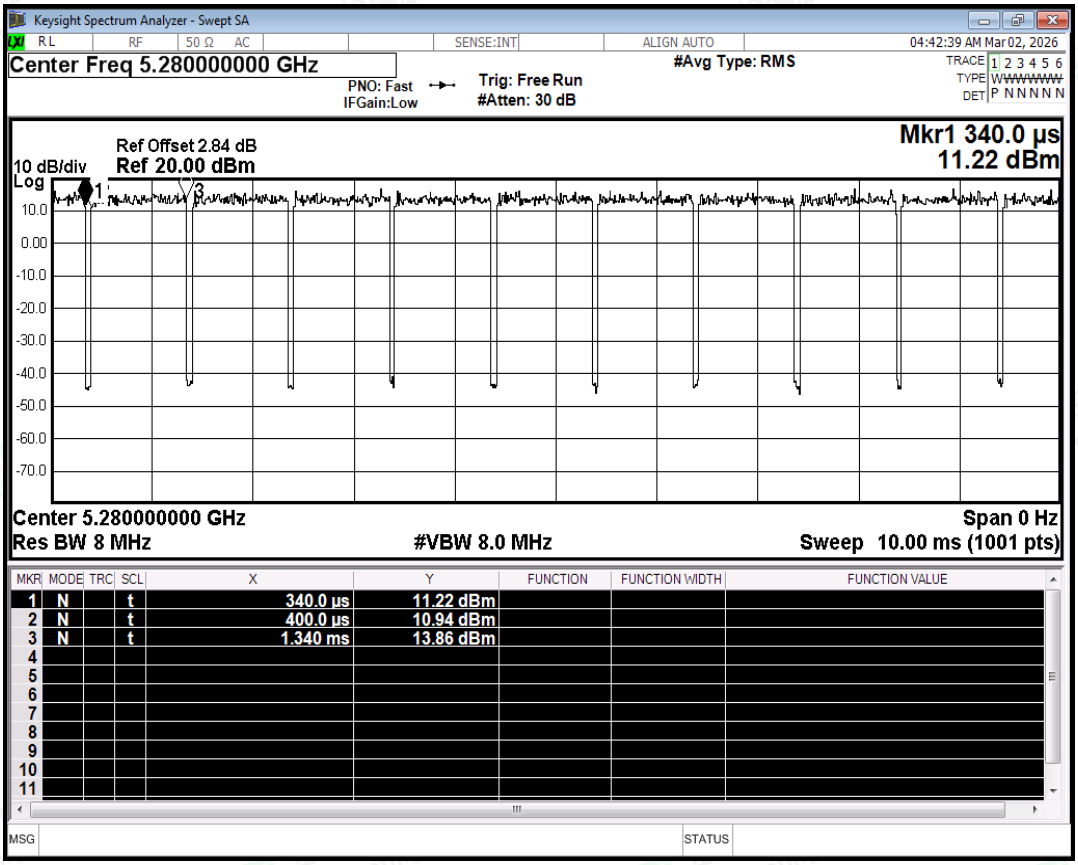
Duty Cycle NVNT n40 5270MHz Ant1



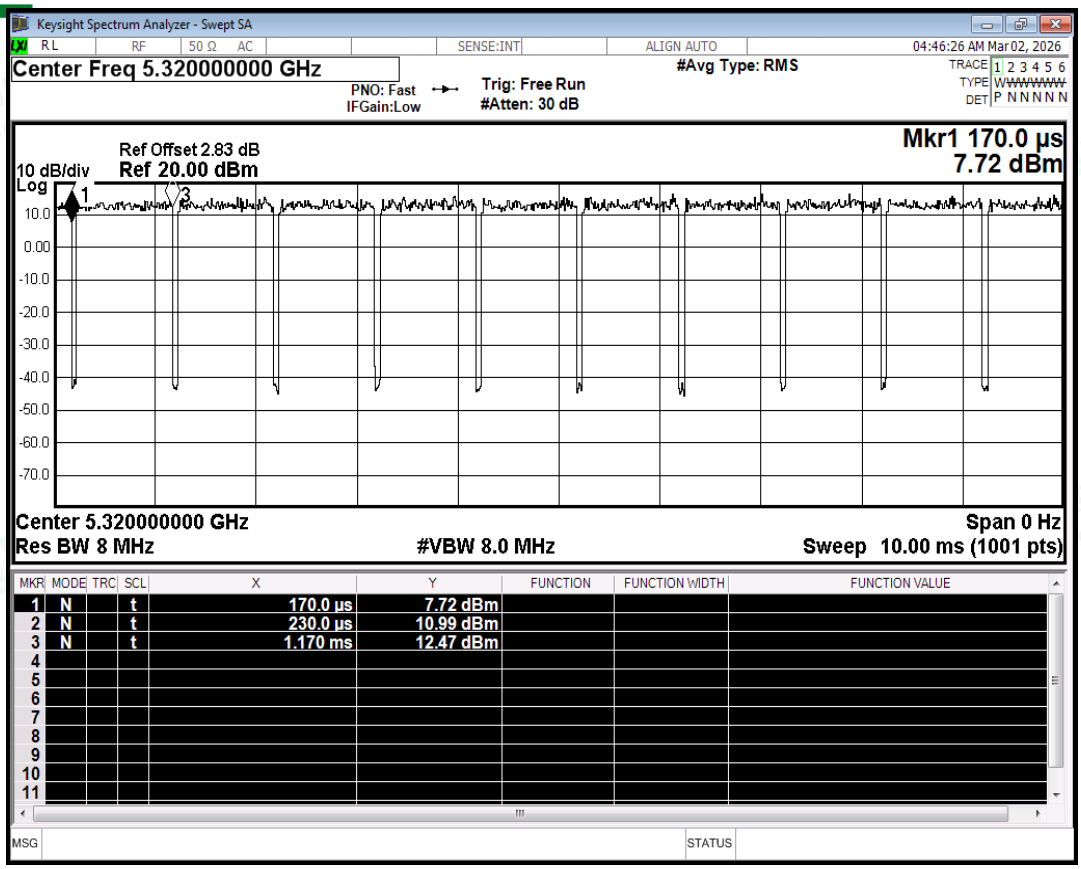
Duty Cycle NVNT n40 5310MHz Ant1



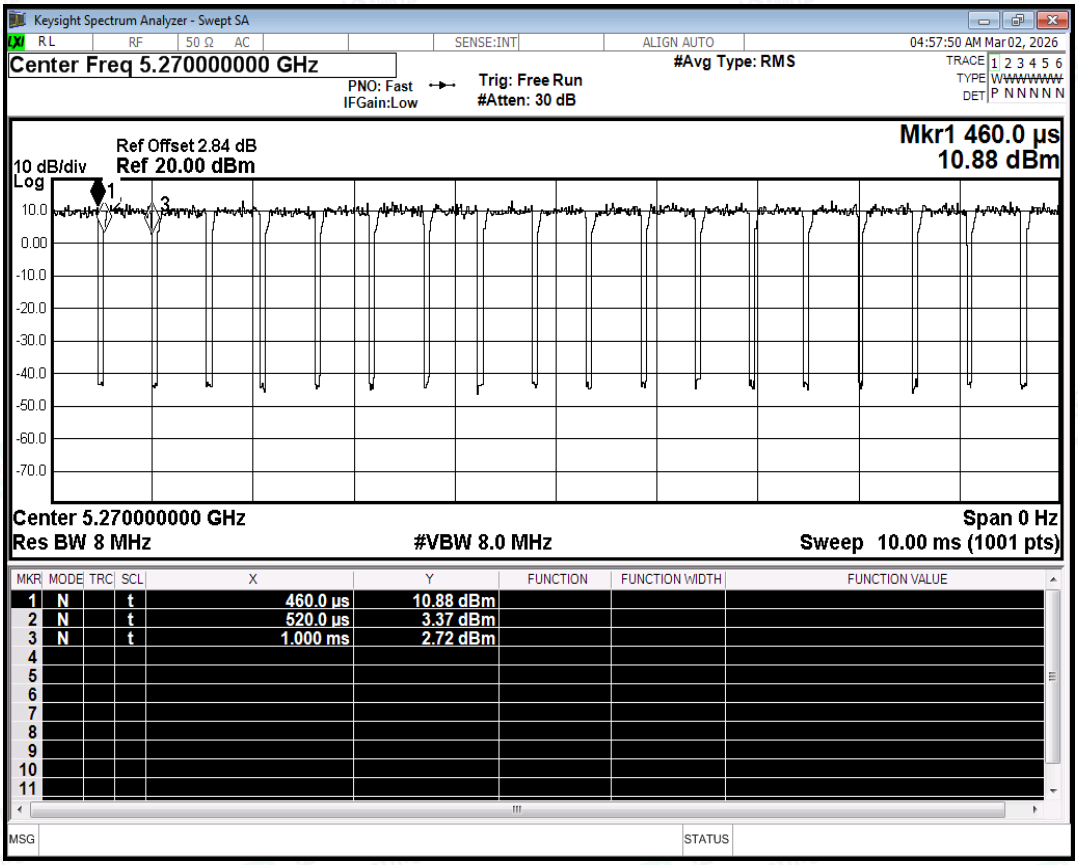
Duty Cycle NVNT ac20 5260MHz Ant1



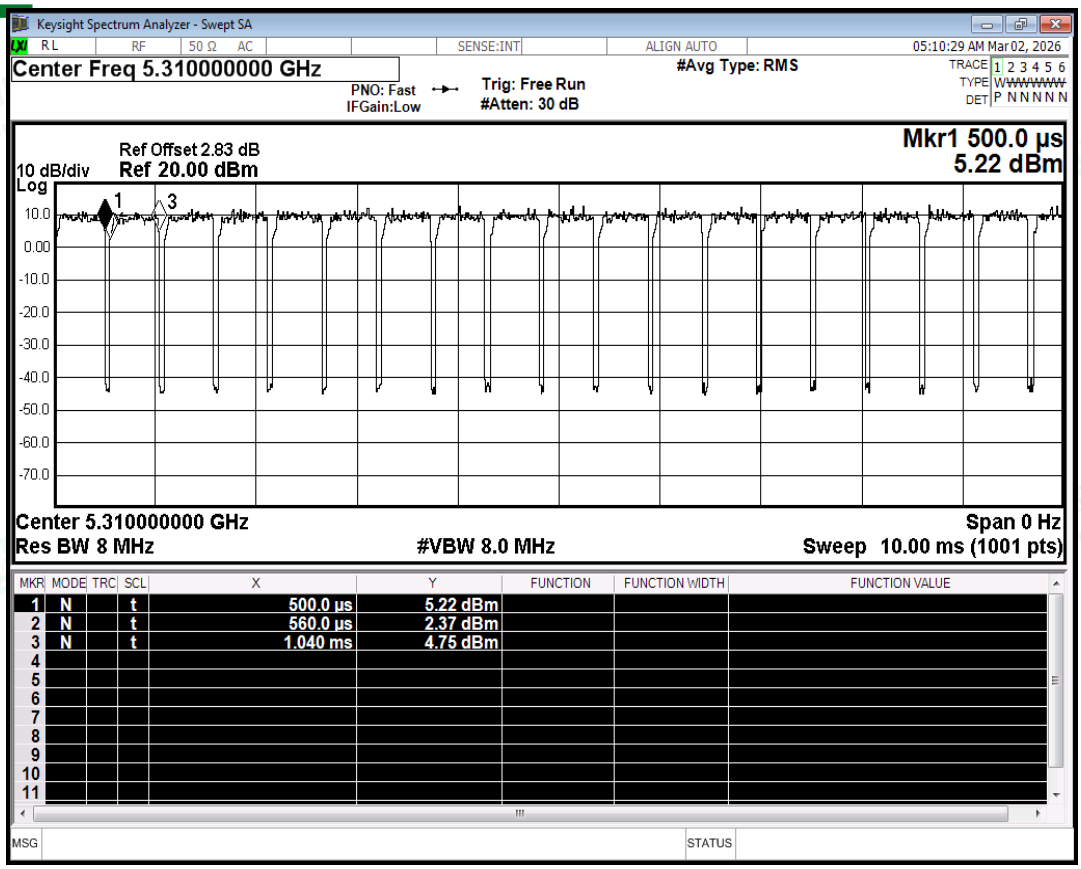
Duty Cycle NVNT ac20 5280MHz Ant1



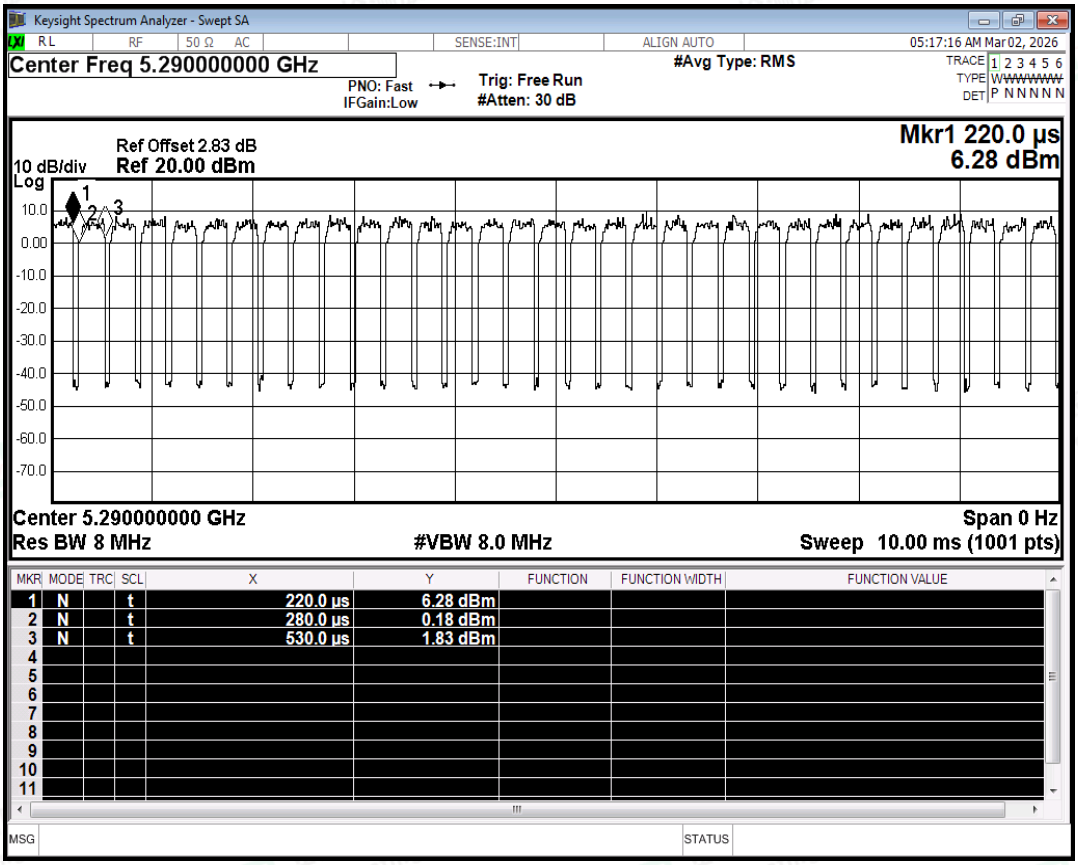
Duty Cycle NVNT ac20 5320MHz Ant1



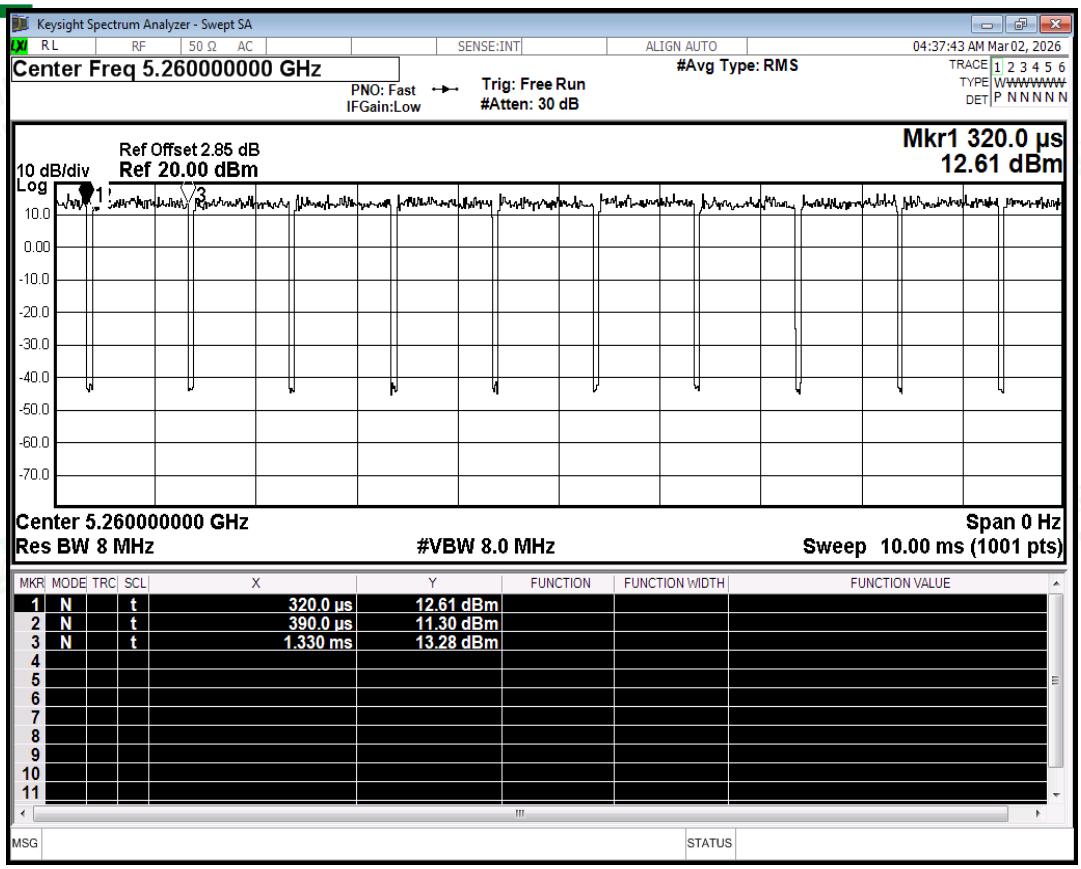
Duty Cycle NVNT ac40 5270MHz Ant1



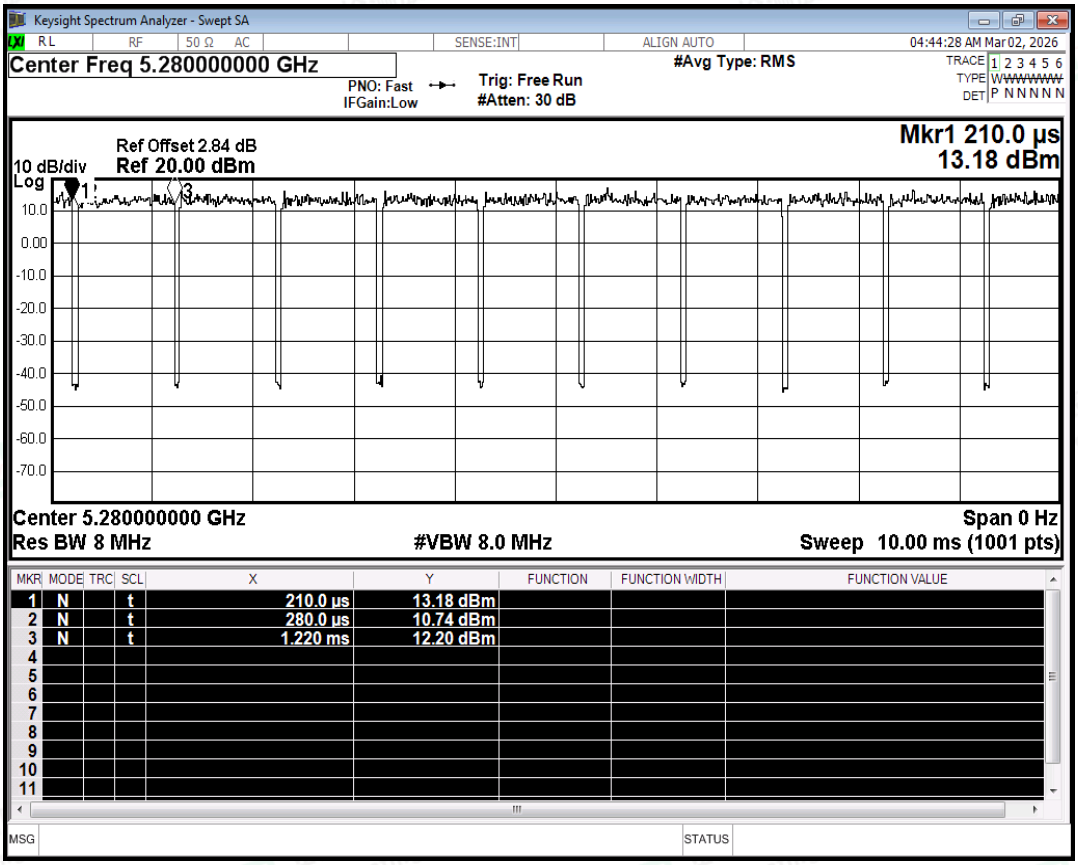
Duty Cycle NVNT ac40 5310MHz Ant1



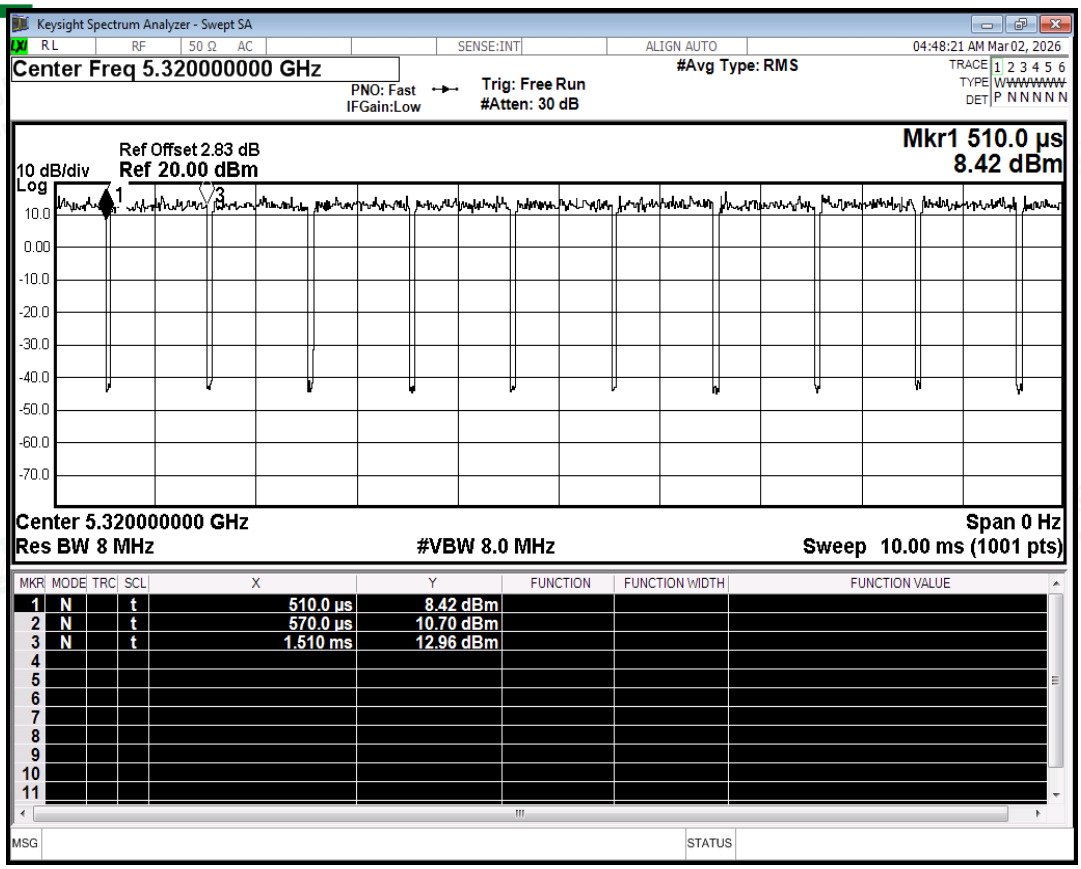
Duty Cycle NVNT ac80 5290MHz Ant1



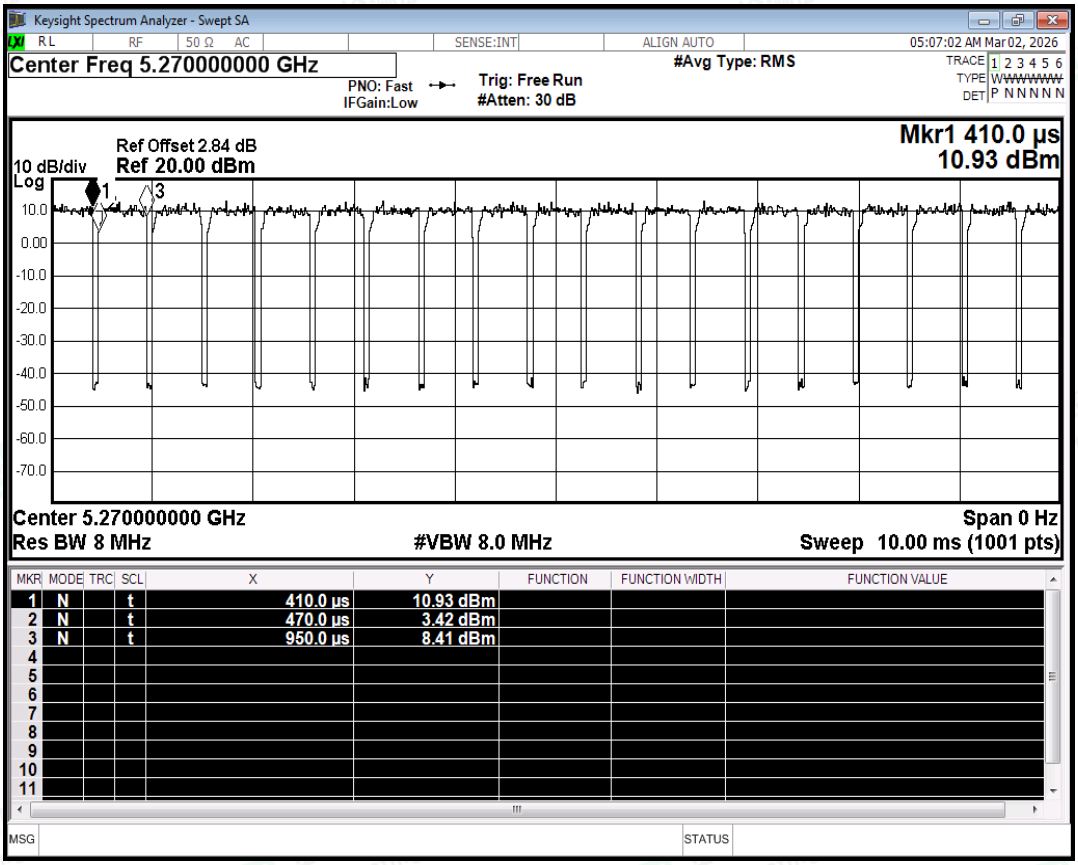
Duty Cycle NVNT ax20 5260MHz Ant1



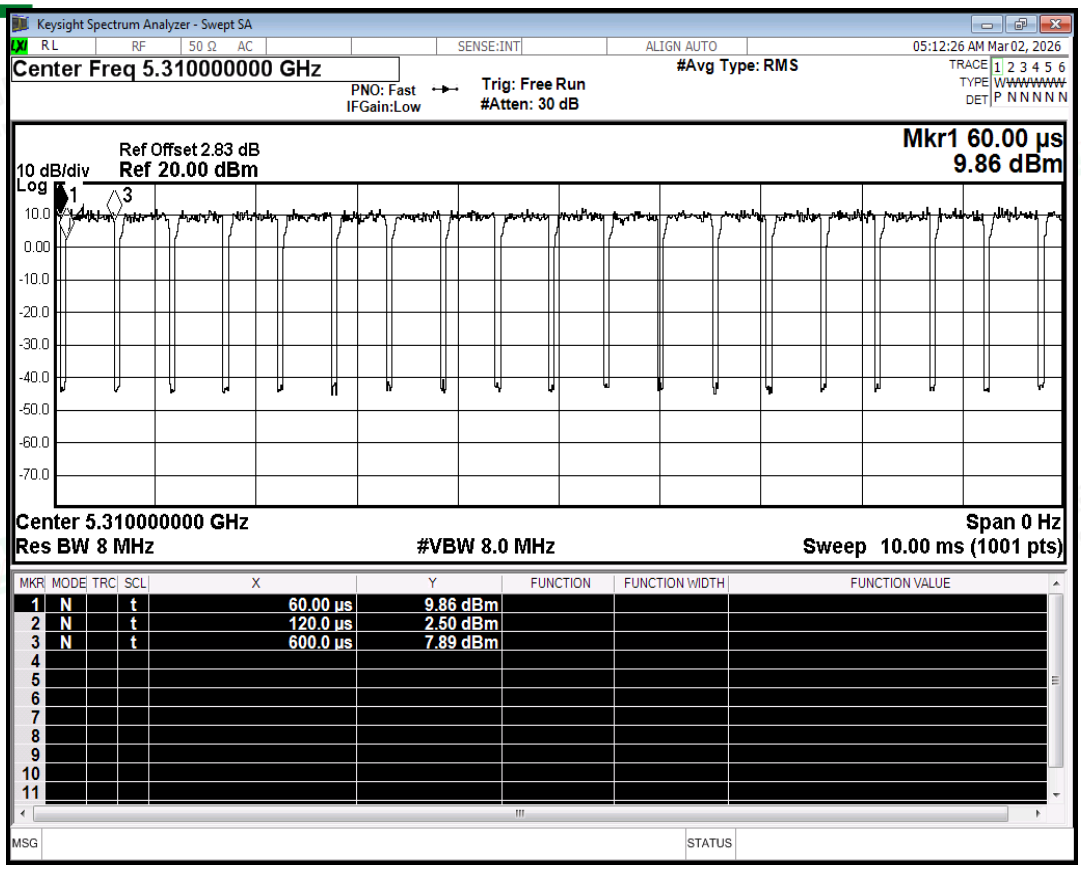
Duty Cycle NVNT ax20 5280MHz Ant1



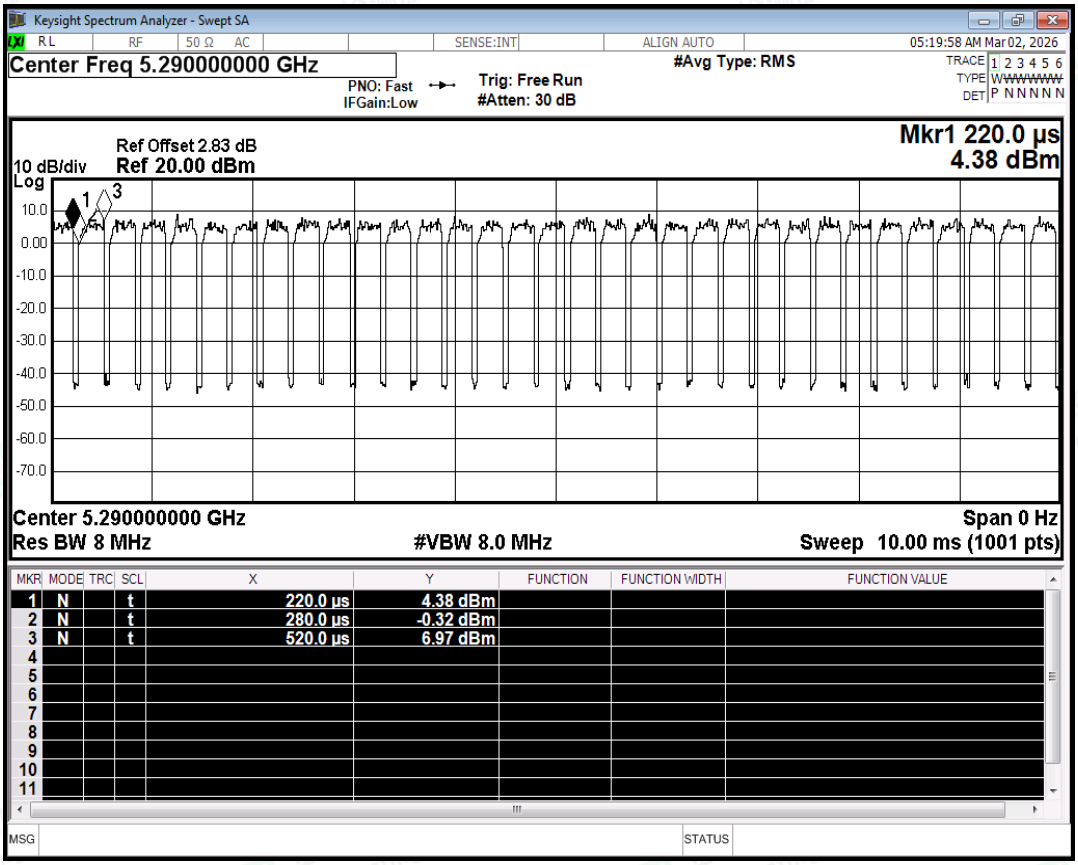
Duty Cycle NVNT ax20 5320MHz Ant1



Duty Cycle NVNT ax40 5270MHz Ant1



Duty Cycle NVNT ax40 5310MHz Ant1



Duty Cycle NVNT ax80 5290MHz Ant1