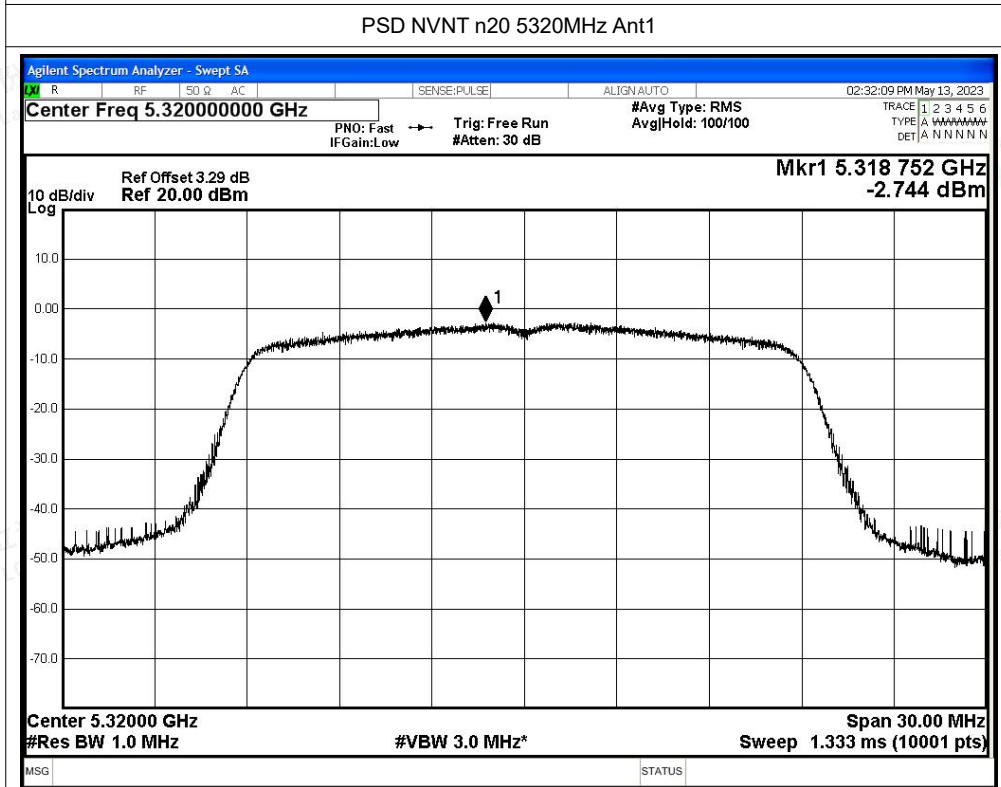
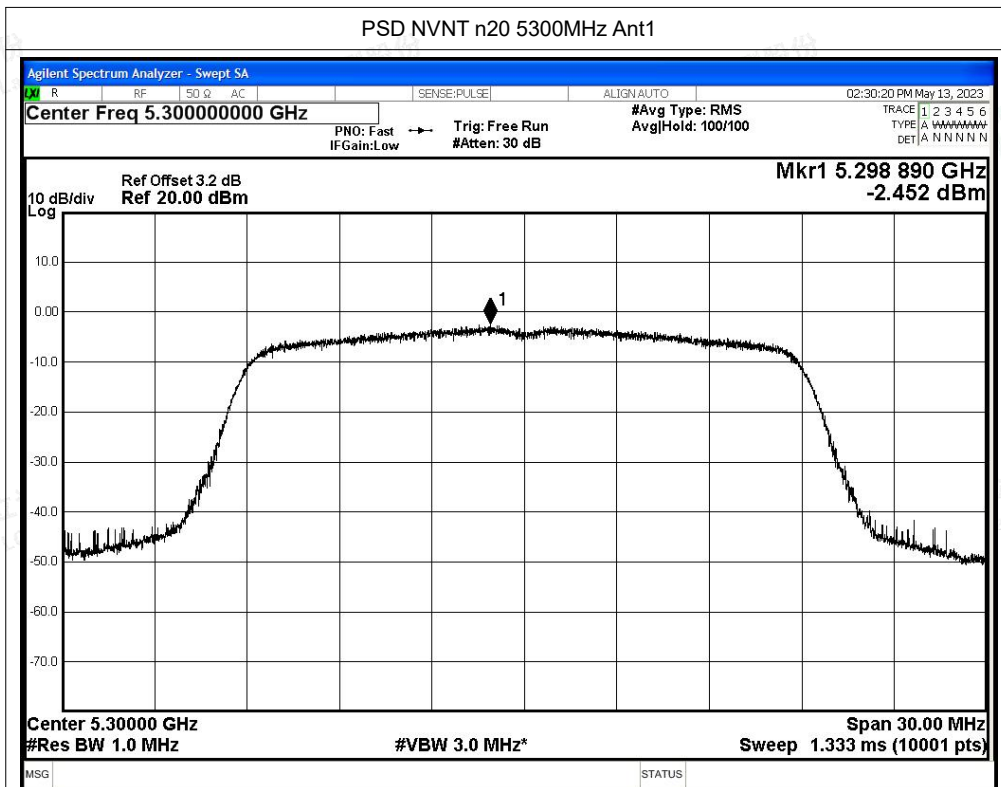
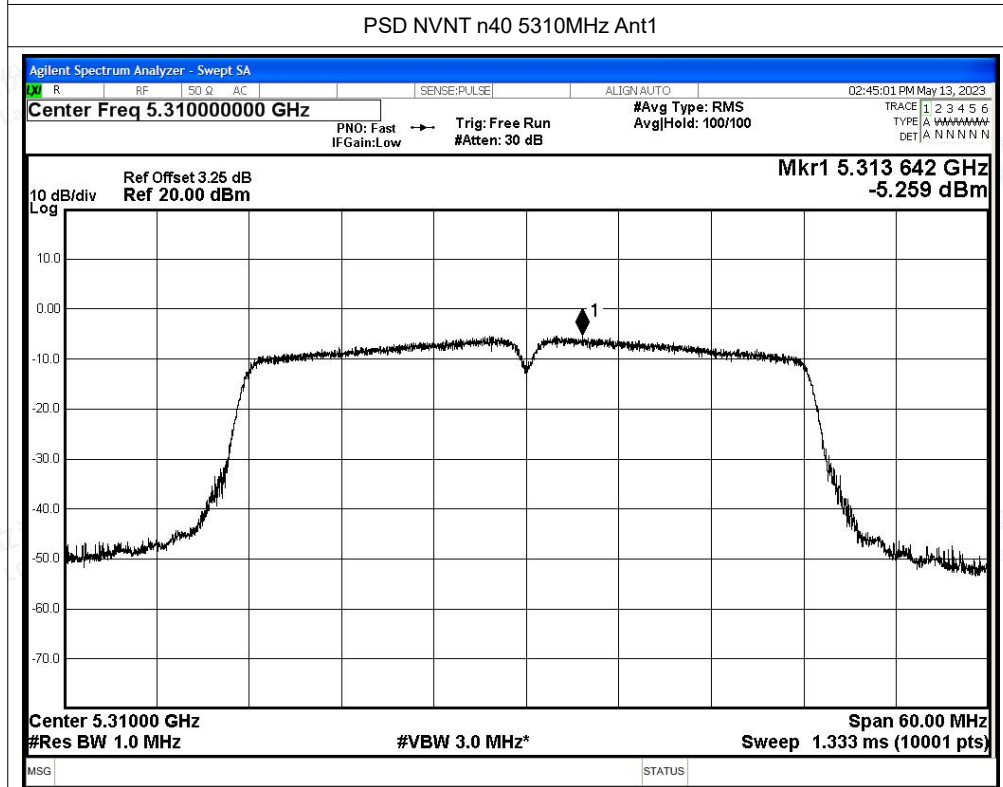
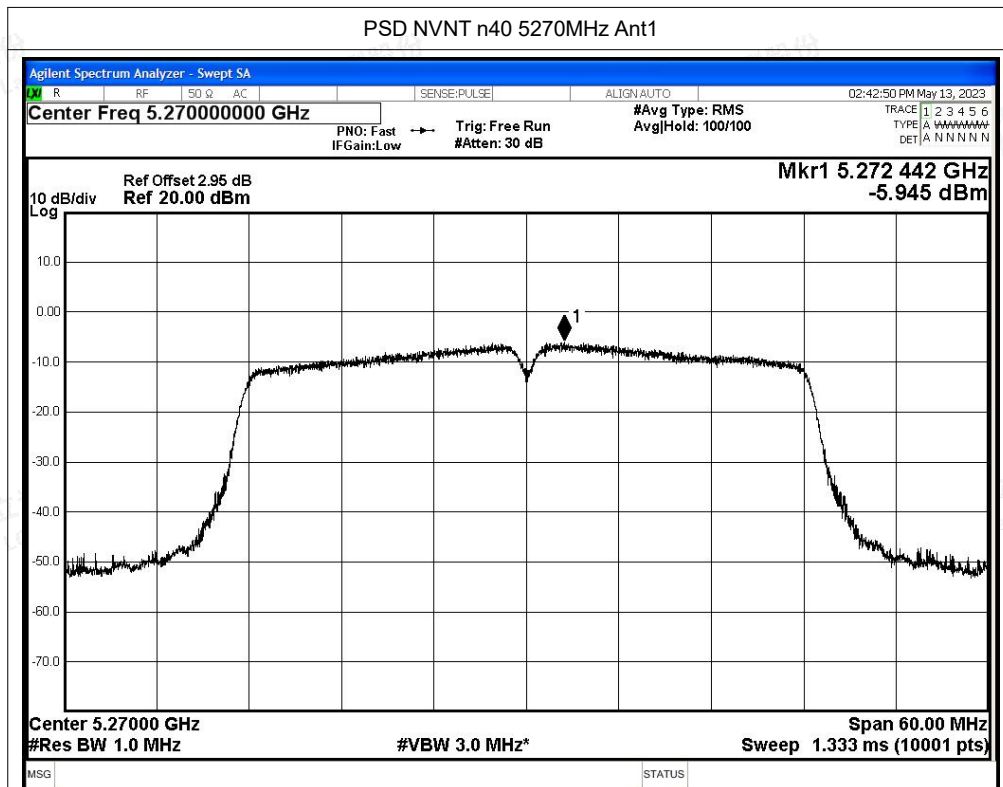
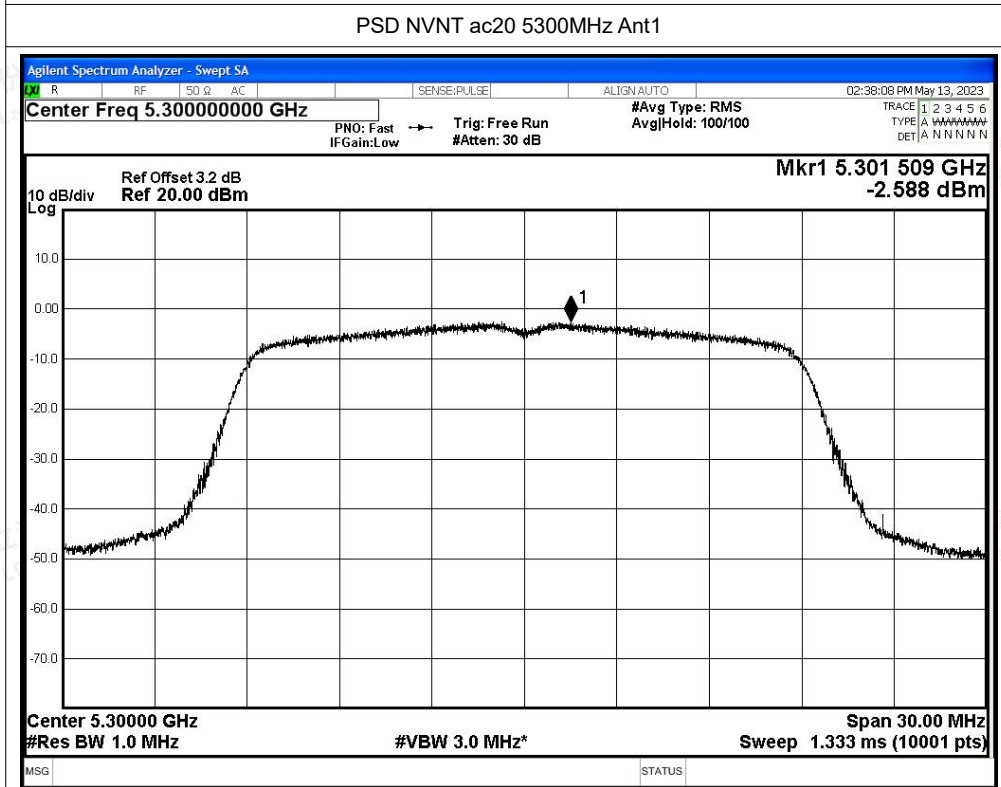
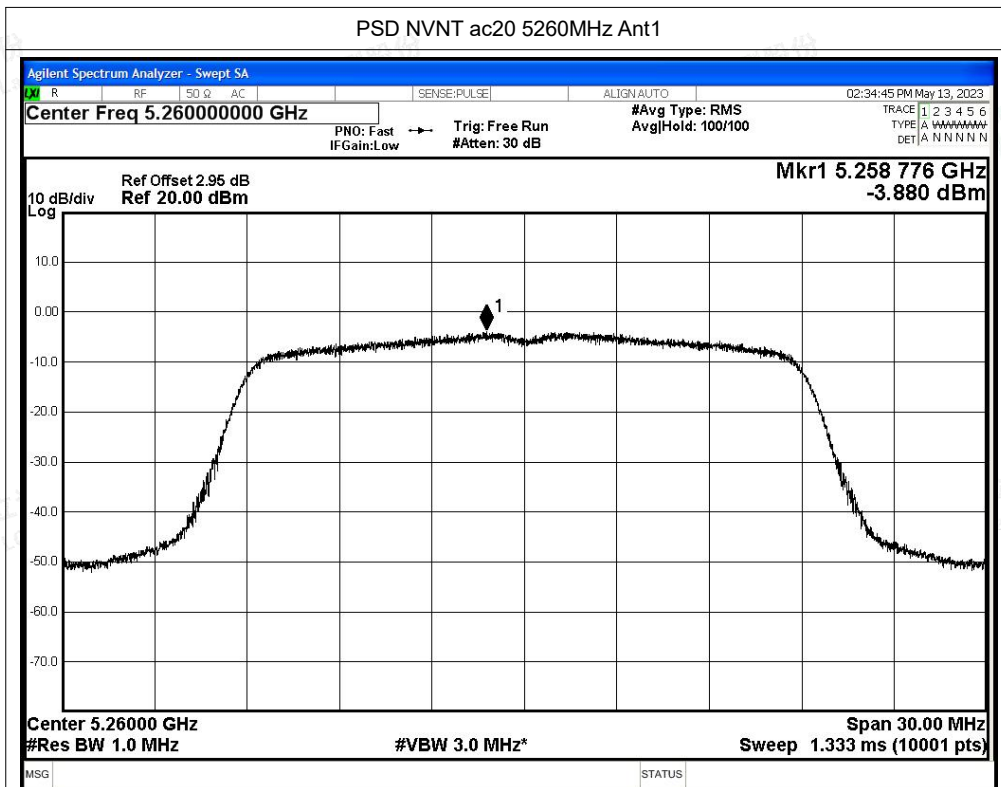
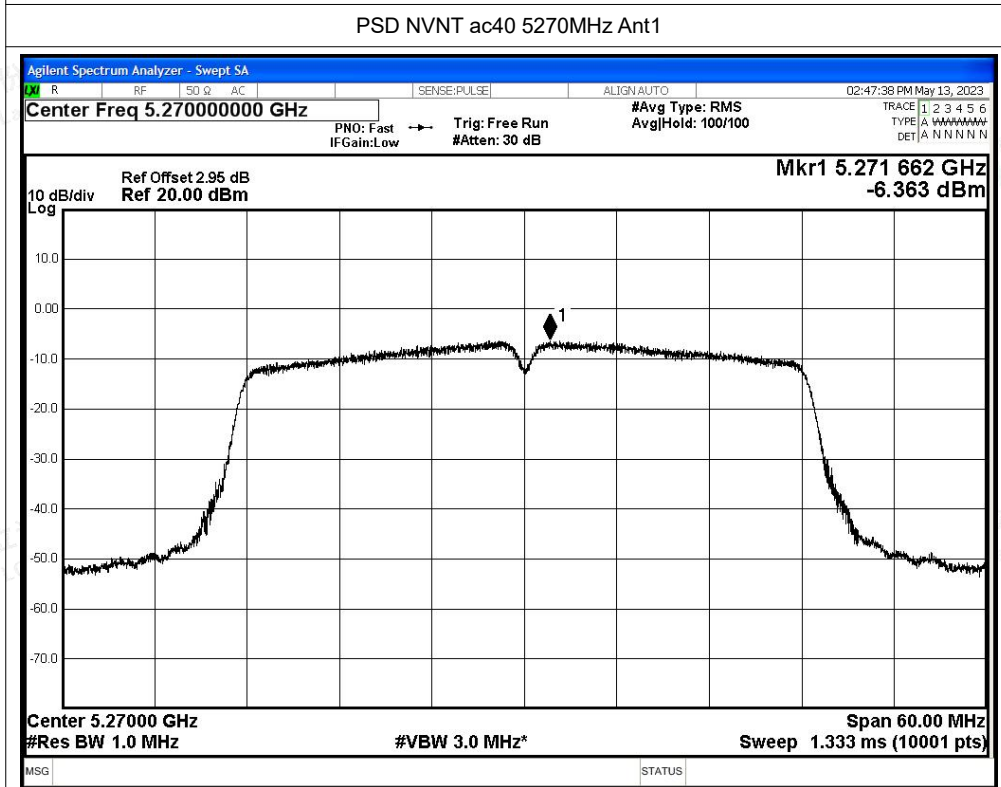
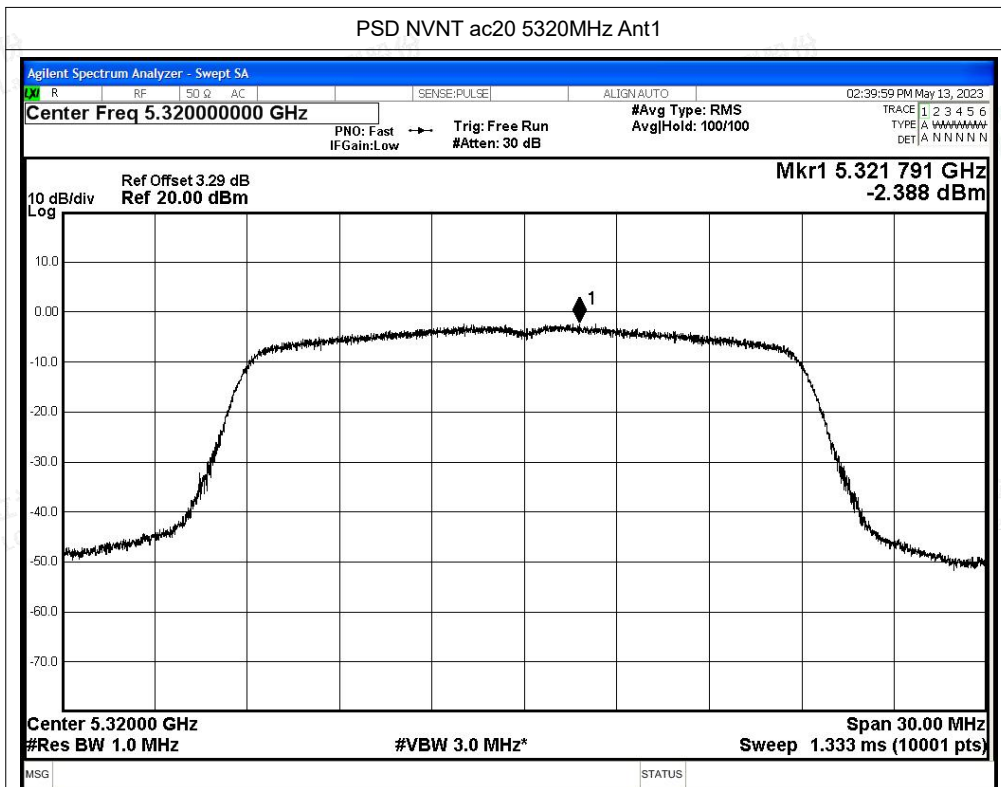
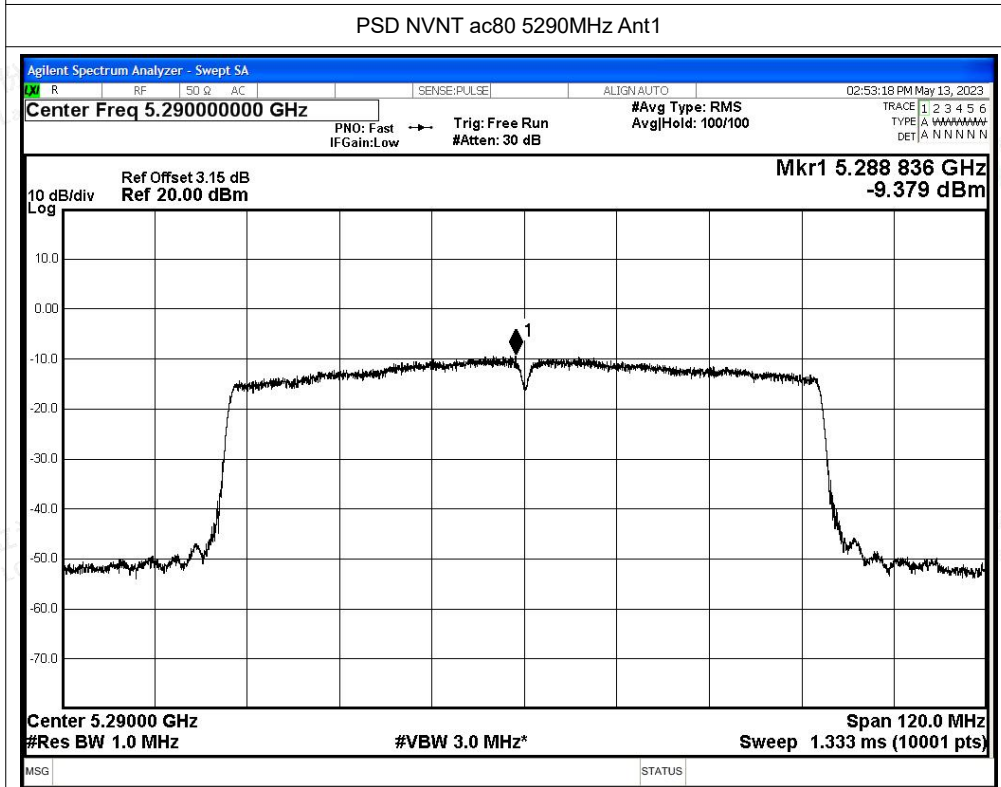
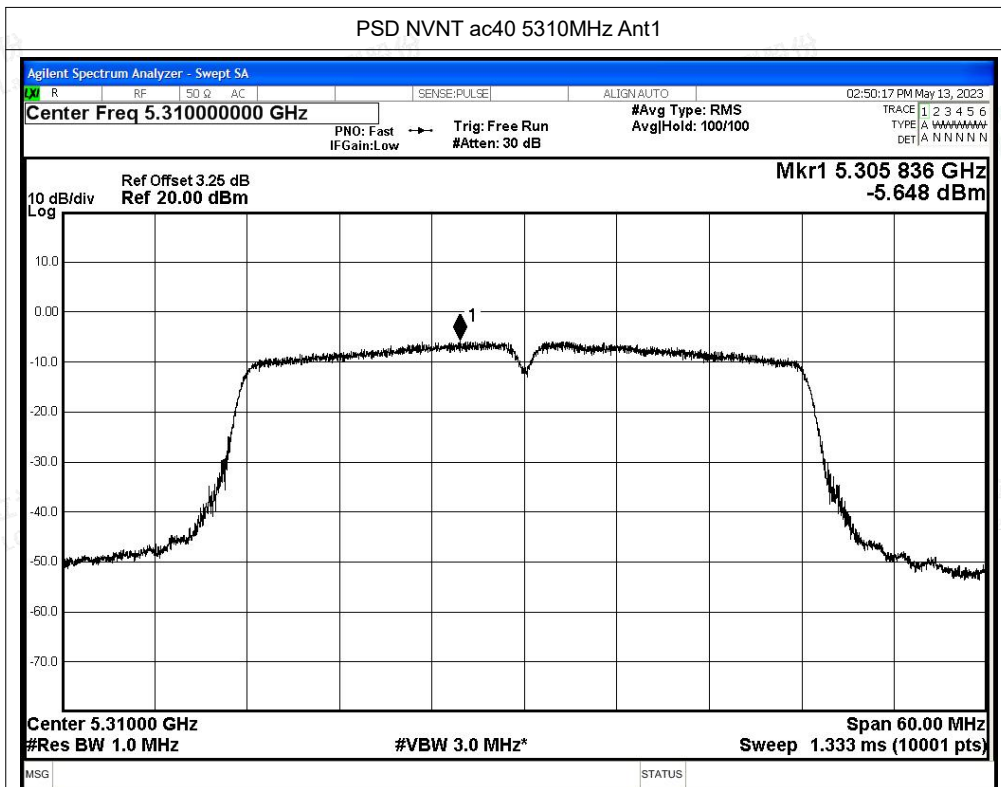














E.4 Restrict Band

Condition	Mode	Frequency (MHz)	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
NVNT	a	5260	4500	-51.22	2.1	46.11	Peak	68.2	Pass
NVNT	a	5260	4500	-58.08	2.1	39.25	Average	54	Pass
NVNT	a	5260	5142.72	-46.88	2.1	50.45	Peak	68.2	Pass
NVNT	a	5260	5136.48	-55.88	2.1	41.45	Average	54	Pass
NVNT	a	5260	5150	-48.86	2.1	48.47	Peak	68.2	Pass
NVNT	a	5260	5150	-55.92	2.1	41.41	Average	54	Pass
NVNT	a	5320	5350	-47.94	2.1	49.39	Peak	68.2	Pass
NVNT	a	5320	5350	-54.18	2.1	43.15	Average	54	Pass
NVNT	a	5320	5350.4	-44.86	2.1	52.47	Peak	68.2	Pass
NVNT	a	5320	5351.2	-53.98	2.1	43.35	Average	54	Pass
NVNT	a	5320	5460	-47.95	2.1	49.38	Peak	68.2	Pass
NVNT	a	5320	5460	-56.52	2.1	40.81	Average	54	Pass
NVNT	n20mimo	5260	4500	-48.57	5.11	51.77	Peak	68.2	Pass
NVNT	n20mimo	5260	4500	-57.93	5.11	42.41	Average	54	Pass
NVNT	n20mimo	5260	5031.18	-46.15	5.11	54.19	Peak	68.2	Pass
NVNT	n20mimo	5260	5148.18	-55.85	5.11	44.49	Average	54	Pass
NVNT	n20mimo	5260	5150	-49.56	5.11	50.78	Peak	68.2	Pass
NVNT	n20mimo	5260	5150	-55.87	5.11	44.47	Average	54	Pass
NVNT	n20mimo	5320	5350	-41.95	5.11	58.39	Peak	68.2	Pass
NVNT	n20mimo	5320	5350	-53.84	5.11	46.50	Average	54	Pass
NVNT	n20mimo	5320	5350.2	-53.74	5.11	46.60	Average	54	Pass
NVNT	n20mimo	5320	5460	-50.51	5.11	49.83	Peak	68.2	Pass
NVNT	n20mimo	5320	5460	-56.47	5.11	43.87	Average	54	Pass
NVNT	n40mimo	5270	4500	-50.85	5.11	49.49	Peak	68.2	Pass
NVNT	n40mimo	5270	4500	-57.87	5.11	42.47	Average	54	Pass
NVNT	n40mimo	5270	5087.25	-46.63	5.11	53.71	Peak	68.2	Pass
NVNT	n40mimo	5270	5147.19	-55.56	5.11	44.78	Average	54	Pass
NVNT	n40mimo	5270	5150	-49.32	5.11	51.02	Peak	68.2	Pass
NVNT	n40mimo	5270	5150	-55.88	5.11	44.46	Average	54	Pass
NVNT	n40mimo	5310	5350	-46.28	5.11	54.06	Peak	68.2	Pass
NVNT	n40mimo	5310	5350	-50.65	5.11	49.69	Average	54	Pass
NVNT	n40mimo	5310	5353	-33.39	5.11	66.95	Peak	68.2	Pass
NVNT	n40mimo	5310	5460	-49.59	5.11	50.75	Peak	68.2	Pass
NVNT	n40mimo	5310	5460	-56.29	5.11	44.05	Average	54	Pass
NVNT	ac20mimo	5260	4500	-50.65	5.11	49.69	Peak	68.2	Pass
NVNT	ac20mimo	5260	4500	-57.94	5.11	42.40	Average	54	Pass
NVNT	ac20mimo	5260	4975.02	-46.71	5.11	53.63	Peak	68.2	Pass
NVNT	ac20mimo	5260	5148.18	-55.76	5.11	44.58	Average	54	Pass
NVNT	ac20mimo	5260	5150	-48.72	5.11	51.62	Peak	68.2	Pass



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NVNT	ac20mimo	5260	5150	-55.88	5.11	44.46	Average	54	Pass
NVNT	ac20mimo	5320	5350	-47.05	5.11	53.29	Peak	68.2	Pass
NVNT	ac20mimo	5320	5350	-53.95	5.11	46.39	Average	54	Pass
NVNT	ac20mimo	5320	5351.8	-40.97	5.11	59.37	Peak	68.2	Pass
NVNT	ac20mimo	5320	5460	-49.49	5.11	50.85	Peak	68.2	Pass
NVNT	ac20mimo	5320	5460	-56.49	5.11	43.85	Average	54	Pass
NVNT	ac40mimo	5270	4500	-50.46	5.11	49.88	Peak	68.2	Pass
NVNT	ac40mimo	5270	4500	-57.7	5.11	42.64	Average	54	Pass
NVNT	ac40mimo	5270	5149.62	-44.95	5.11	55.39	Peak	68.2	Pass
NVNT	ac40mimo	5270	5113.98	-55.42	5.11	44.92	Average	54	Pass
NVNT	ac40mimo	5270	5150	-44.95	5.11	55.39	Peak	68.2	Pass
NVNT	ac40mimo	5270	5150	-55.6	5.11	44.74	Average	54	Pass
NVNT	ac40mimo	5310	5350	-34.39	5.11	65.95	Peak	68.2	Pass
NVNT	ac40mimo	5310	5350	-52.7	5.11	47.64	Average	54	Pass
NVNT	ac40mimo	5310	5350.6	-51.88	5.11	48.46	Average	54	Pass
NVNT	ac40mimo	5310	5460	-50.19	5.11	50.15	Peak	68.2	Pass
NVNT	ac40mimo	5310	5460	-56.31	5.11	44.03	Average	54	Pass
NVNT	ac80mimo	5290	4500	-52.46	5.11	47.88	Peak	68.2	Pass
NVNT	ac80mimo	5290	4500	-57.21	5.11	43.13	Average	54	Pass
NVNT	ac80mimo	5290	5119.44	-46.38	5.11	53.96	Peak	68.2	Pass
NVNT	ac80mimo	5290	5070.72	-54.79	5.11	45.55	Average	54	Pass
NVNT	ac80mimo	5290	5150	-48.55	5.11	51.79	Peak	68.2	Pass
NVNT	ac80mimo	5290	5150	-55.12	5.11	45.22	Average	54	Pass
NVNT	ac80mimo	5290	5350	-42.02	5.11	58.32	Peak	68.2	Pass
NVNT	ac80mimo	5290	5350	-49.12	5.11	51.22	Average	54	Pass
NVNT	ac80mimo	5290	5379.75	-39.6	5.11	60.74	Peak	68.2	Pass
NVNT	ac80mimo	5290	5350.75	-48.72	5.11	51.62	Average	54	Pass
NVNT	ac80mimo	5290	5460	-50.03	5.11	50.31	Peak	68.2	Pass
NVNT	ac80mimo	5290	5460	-56.23	5.11	44.11	Average	54	Pass

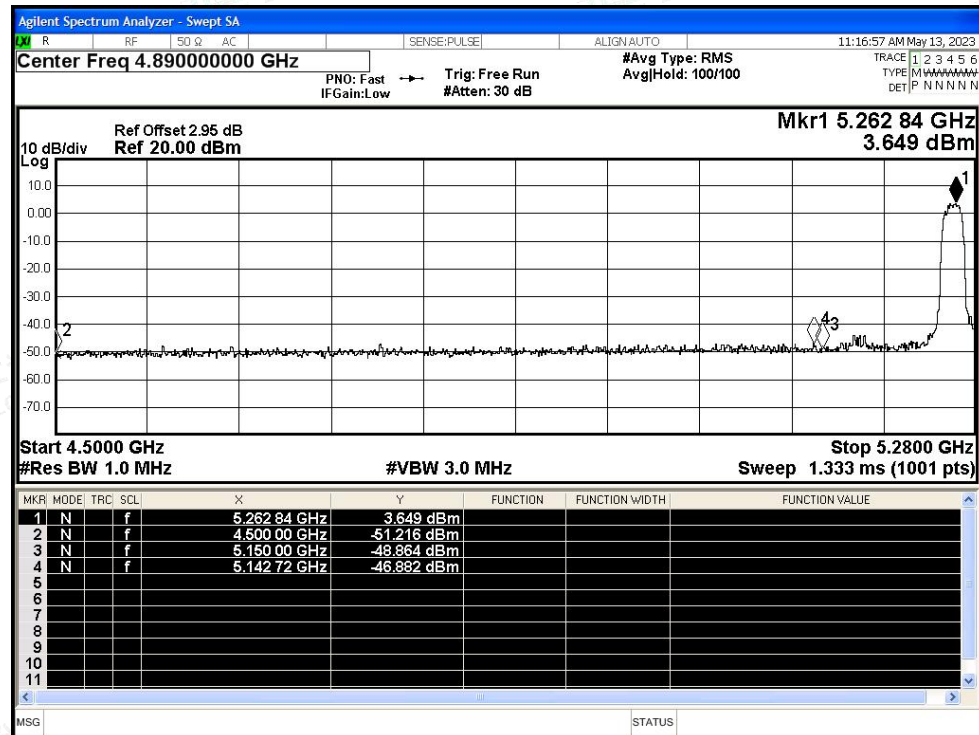
Note: 802.11a mode, only show the worst set of antenna data.



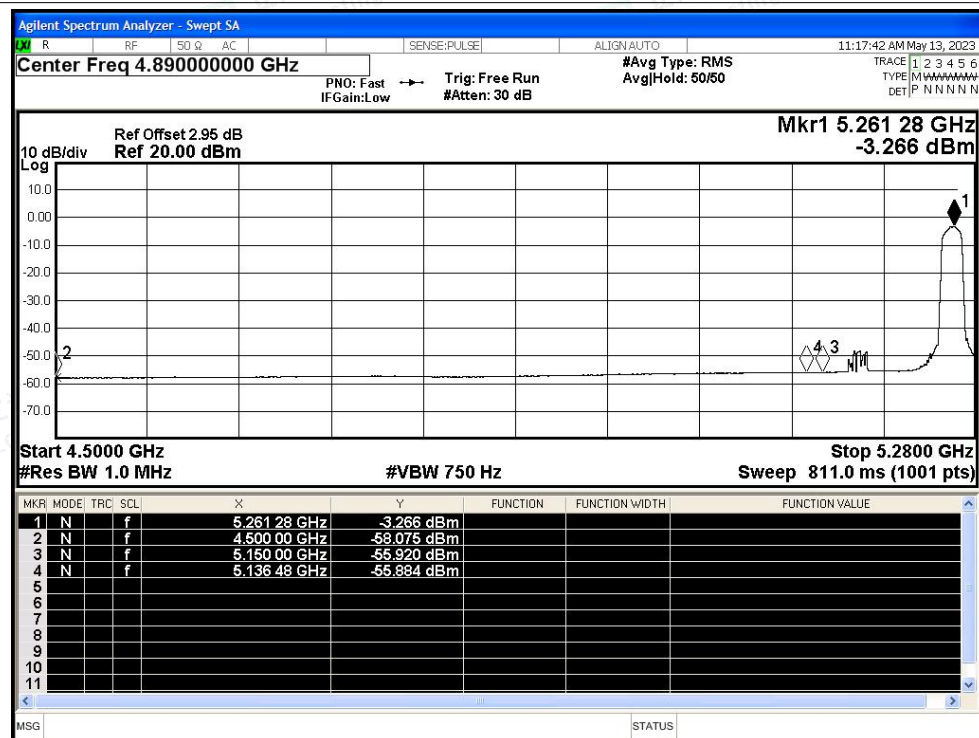


Test Graphs

Restrict Band NVNT a 5260MHz Peak



Restrict Band NVNT a 5260MHz Average

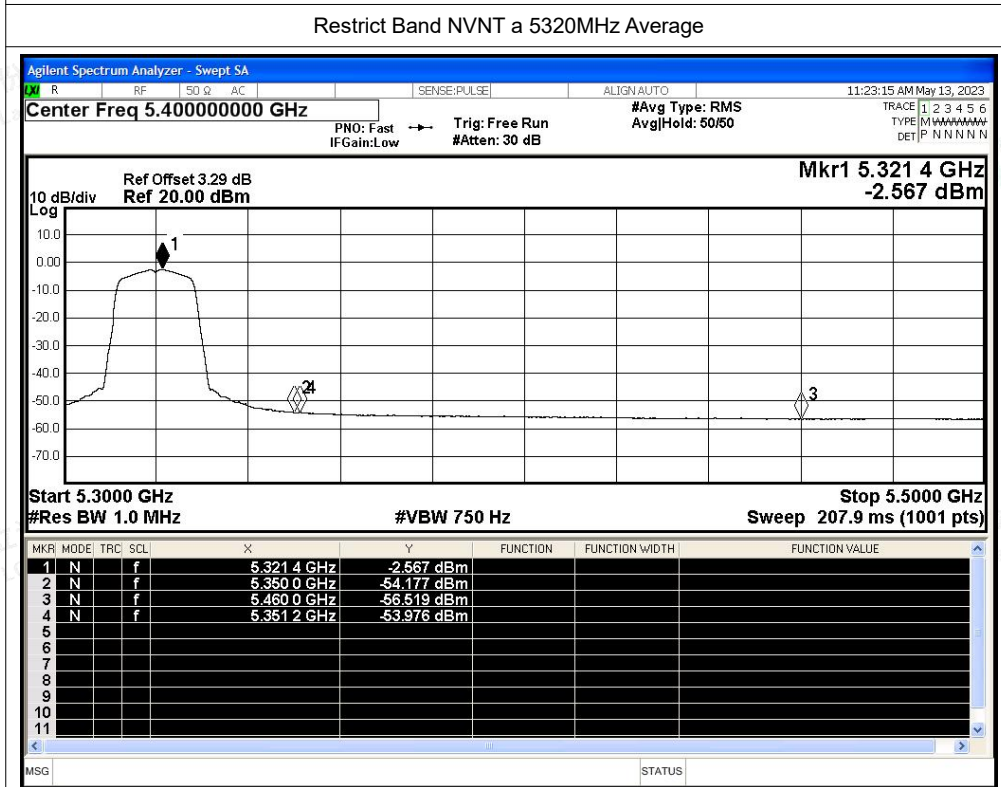
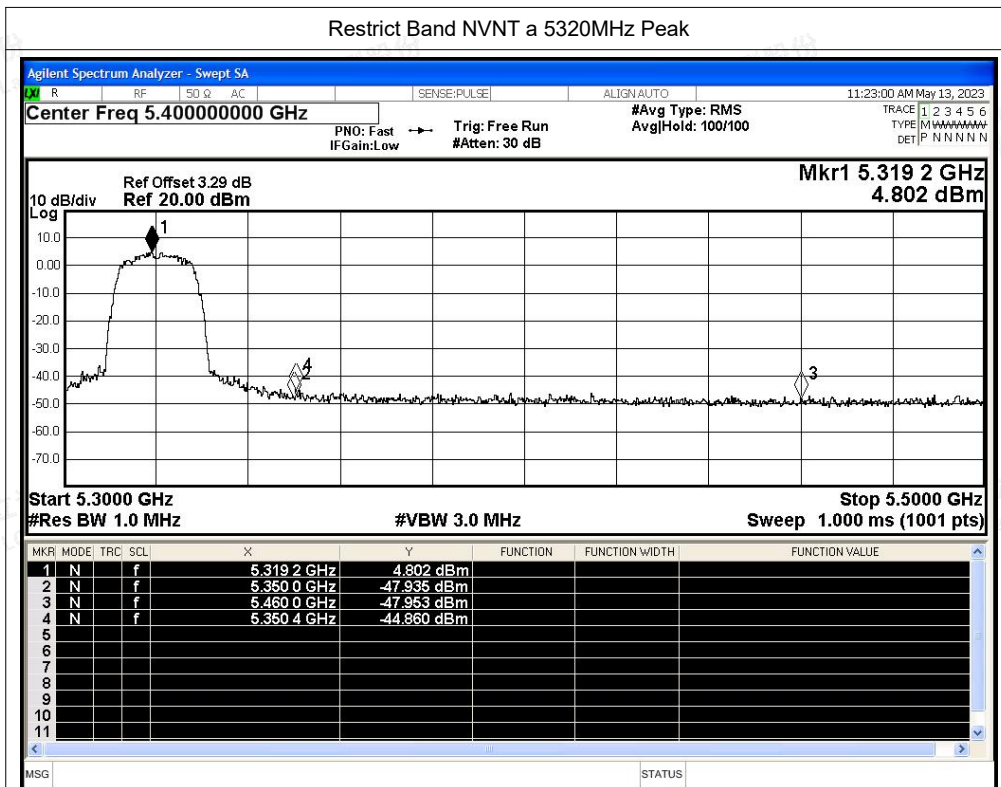


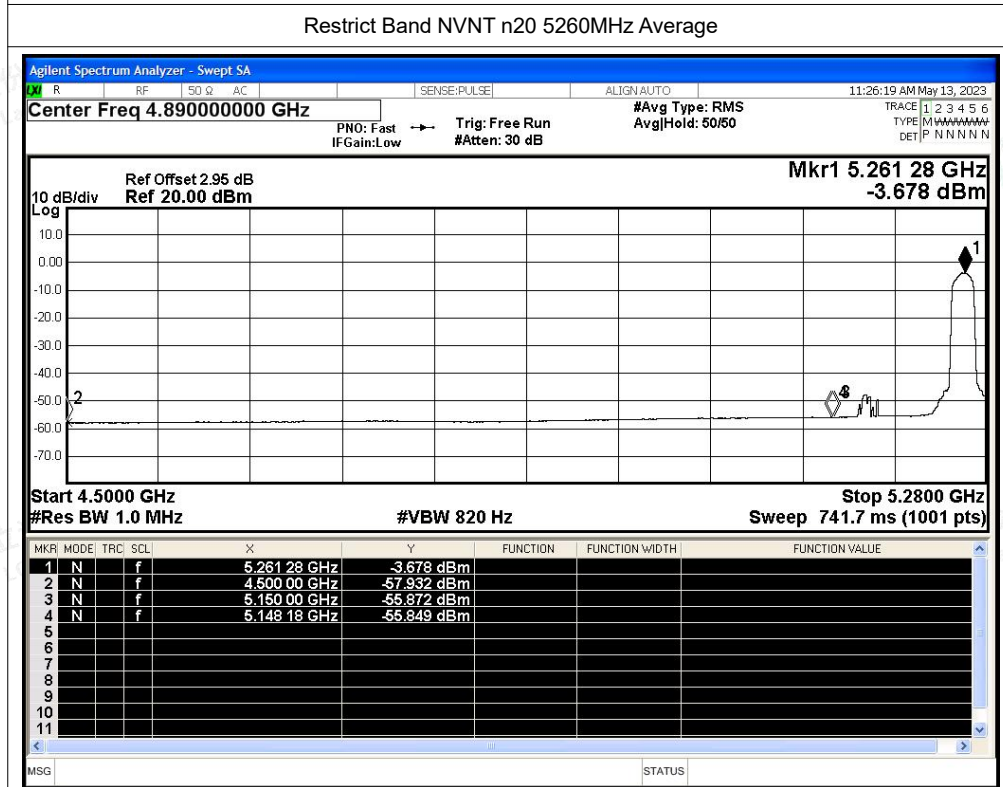
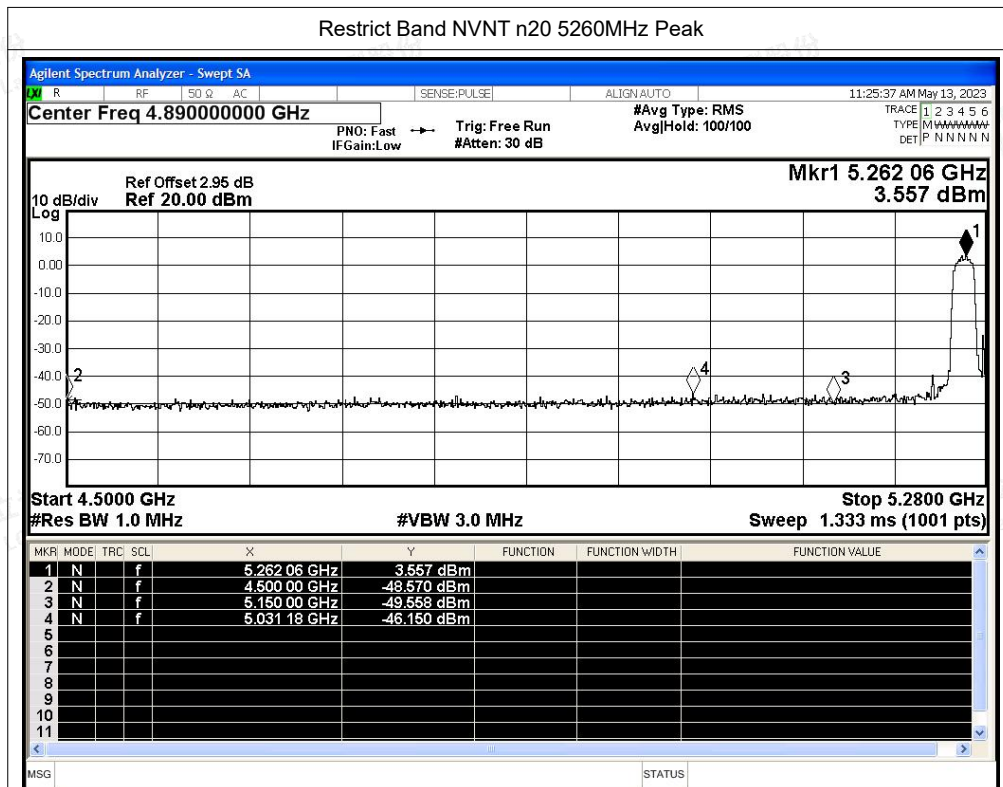
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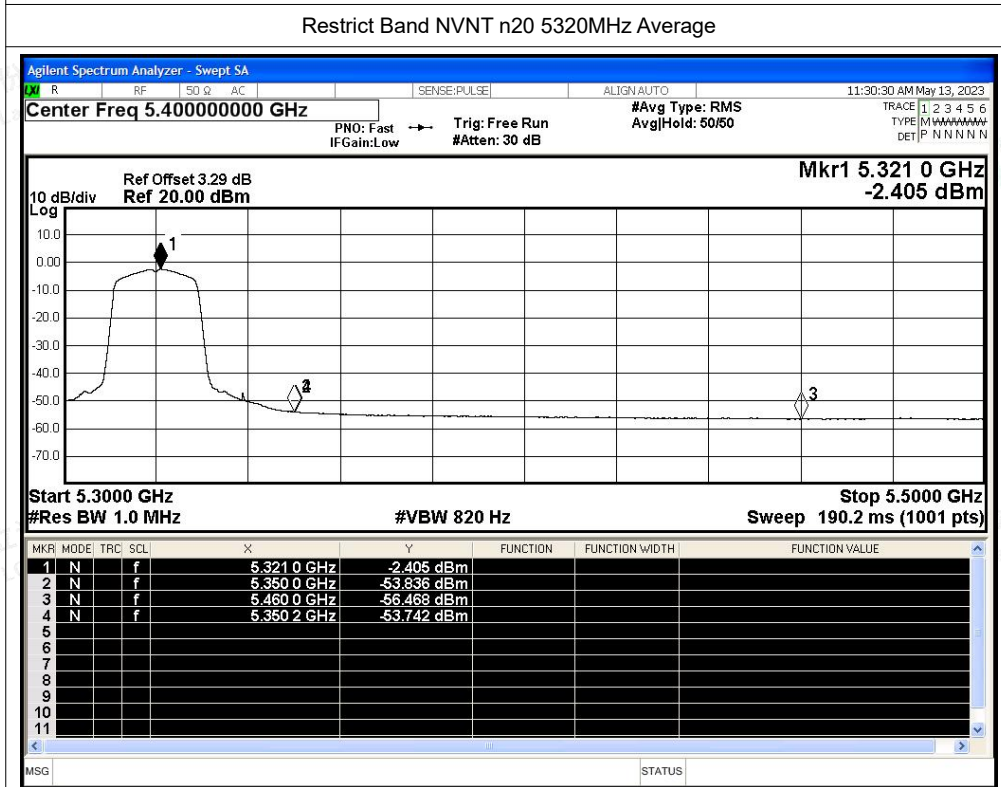
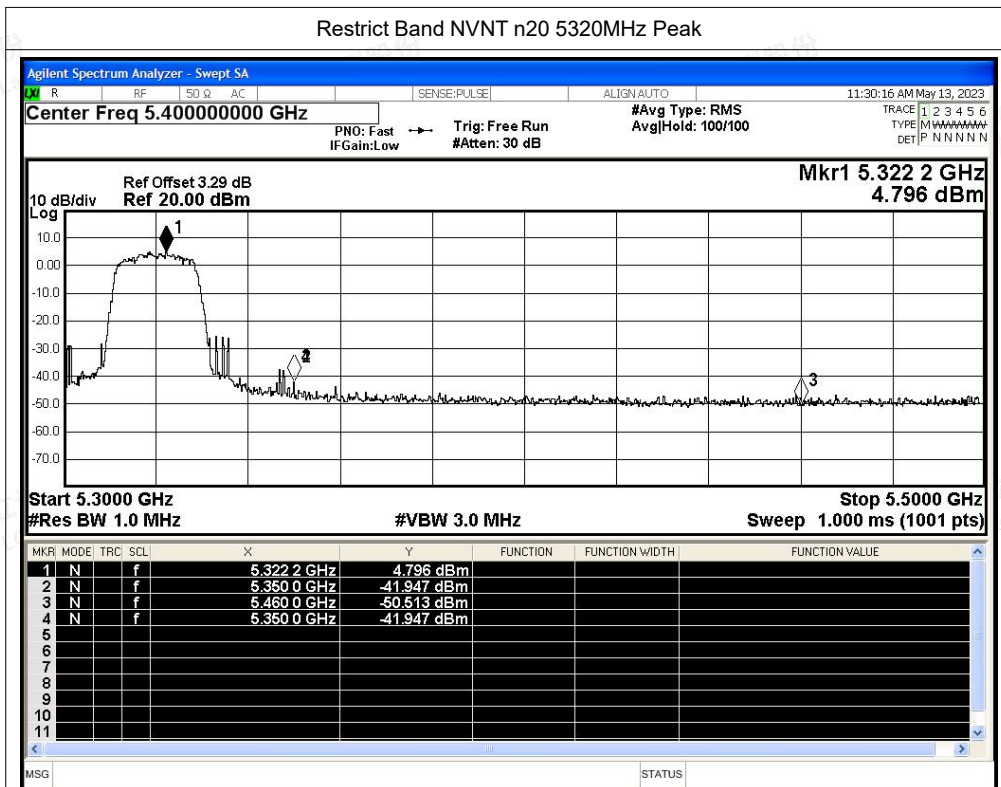


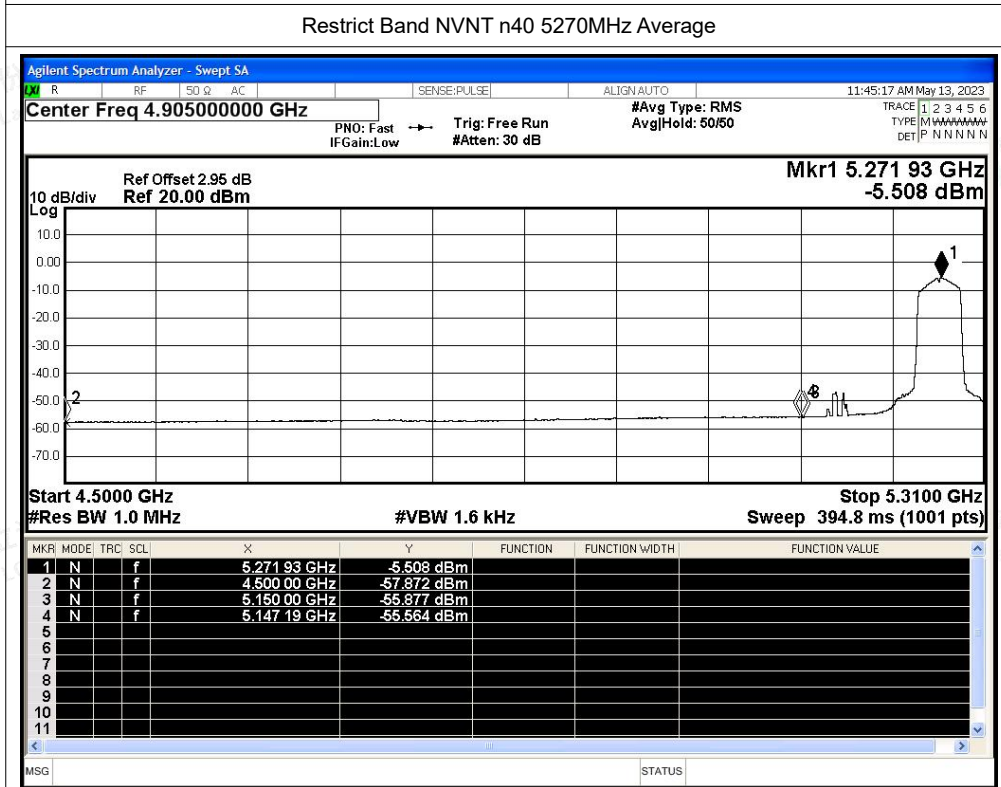
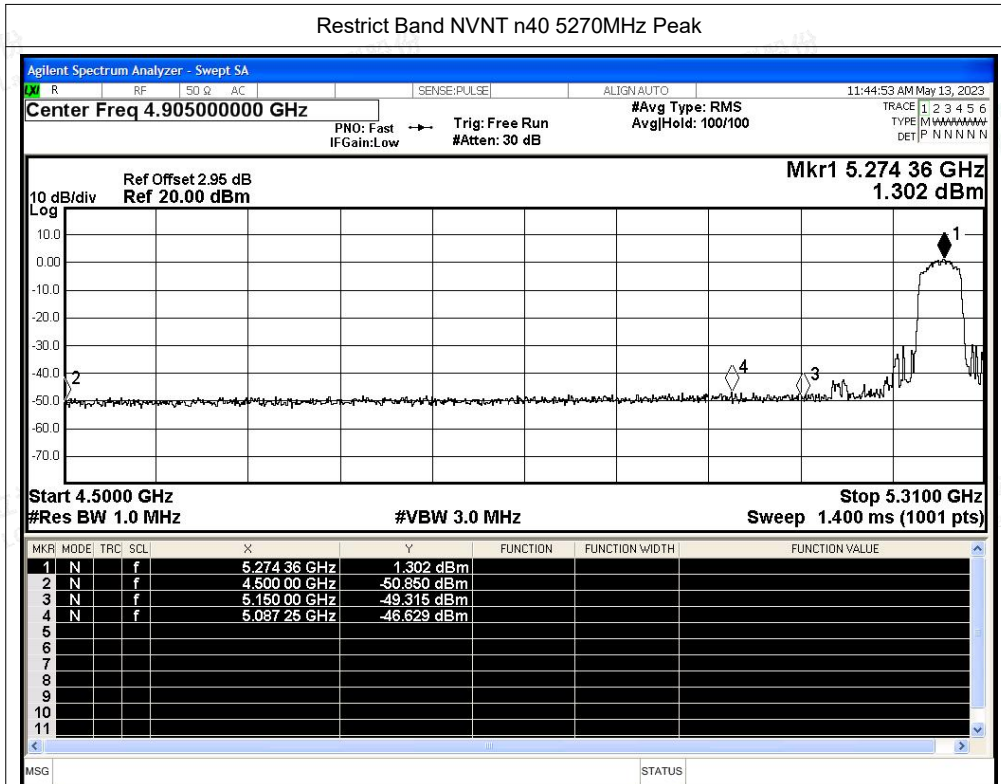
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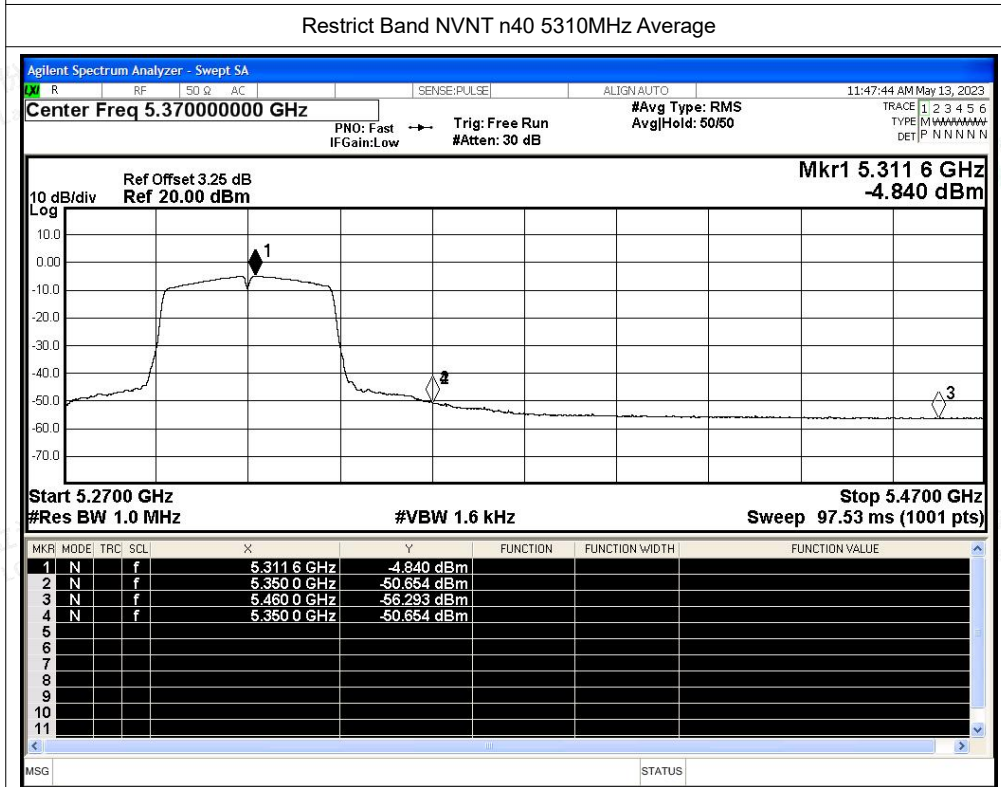
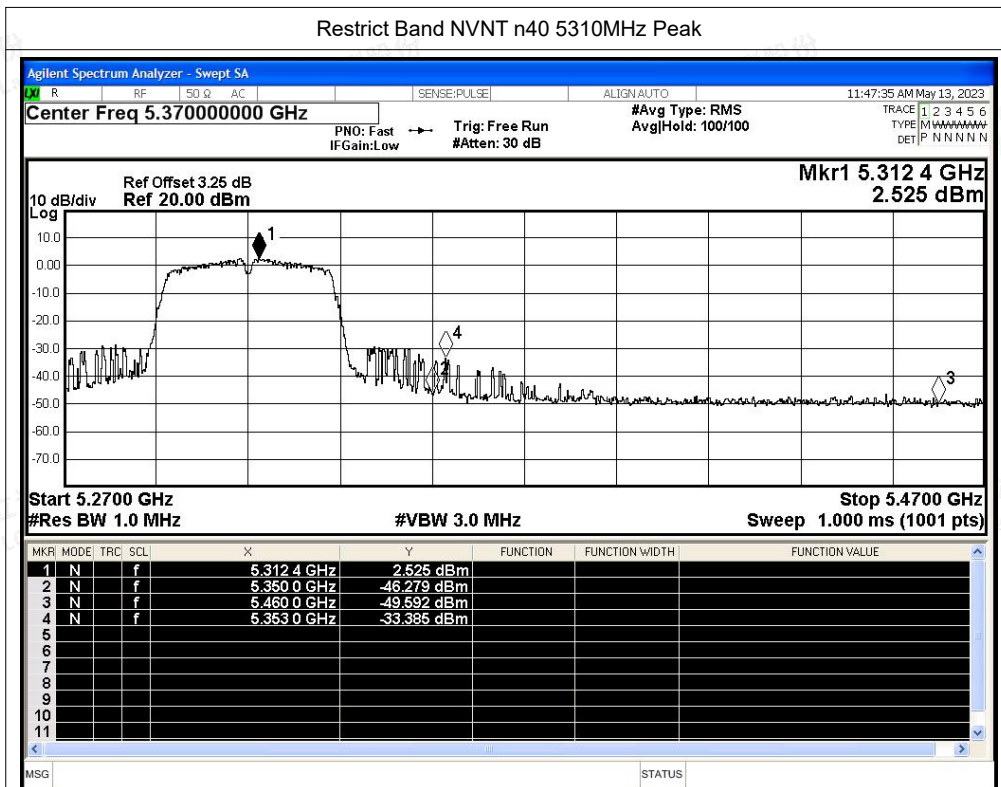


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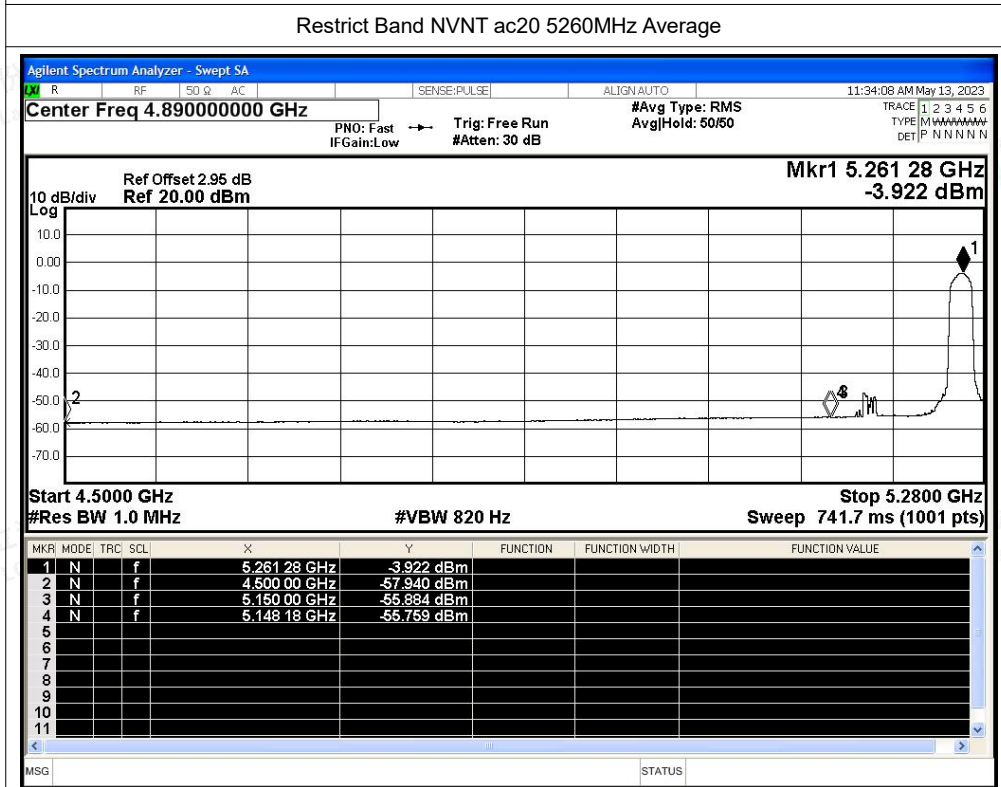
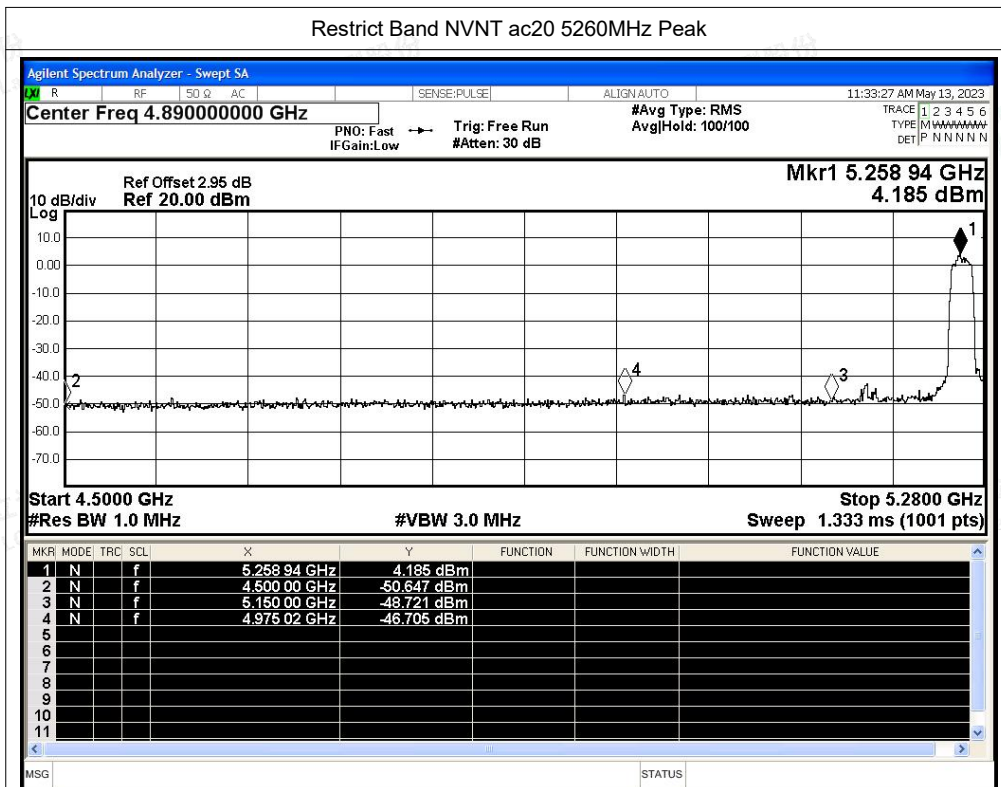


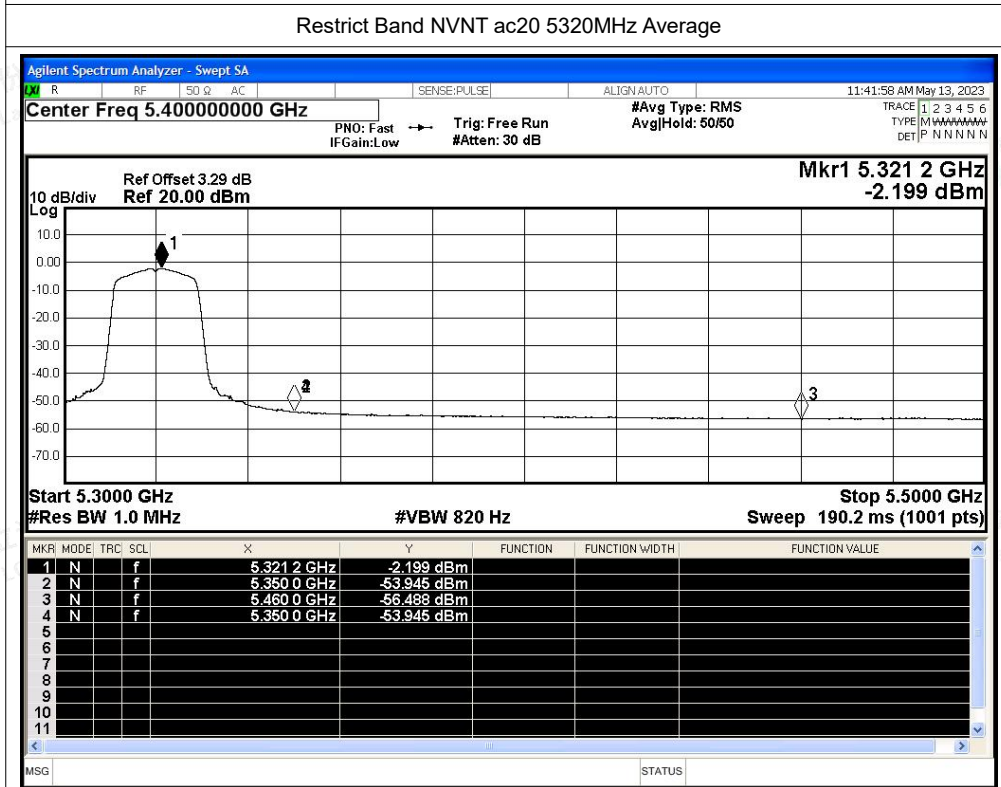
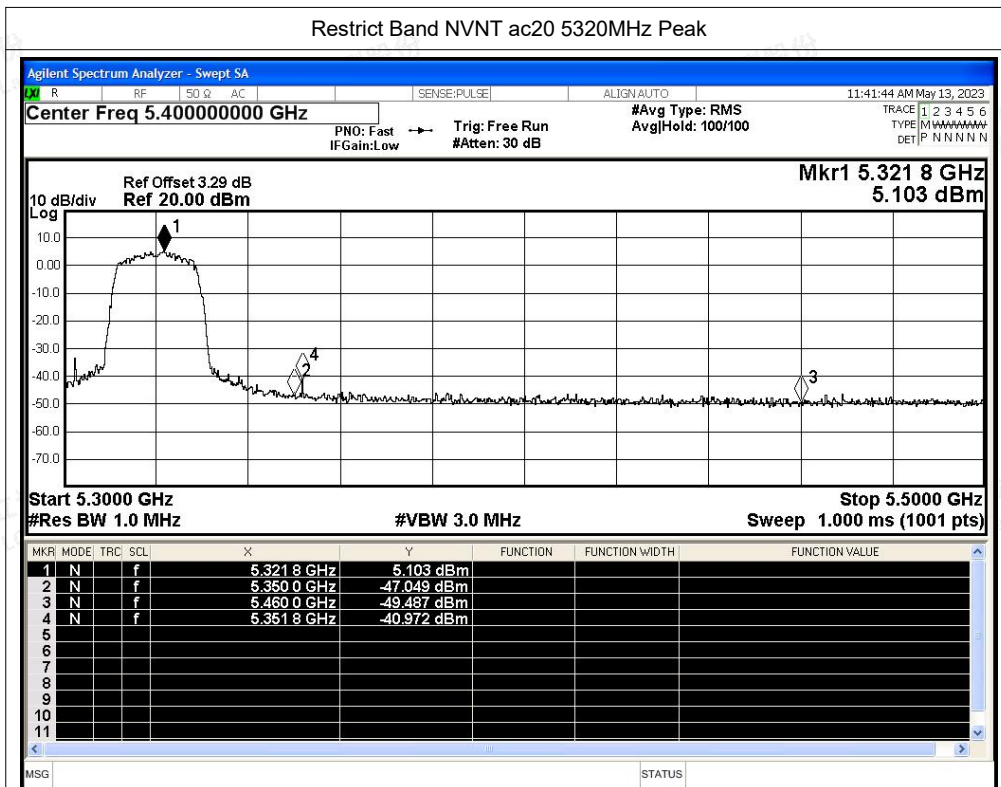
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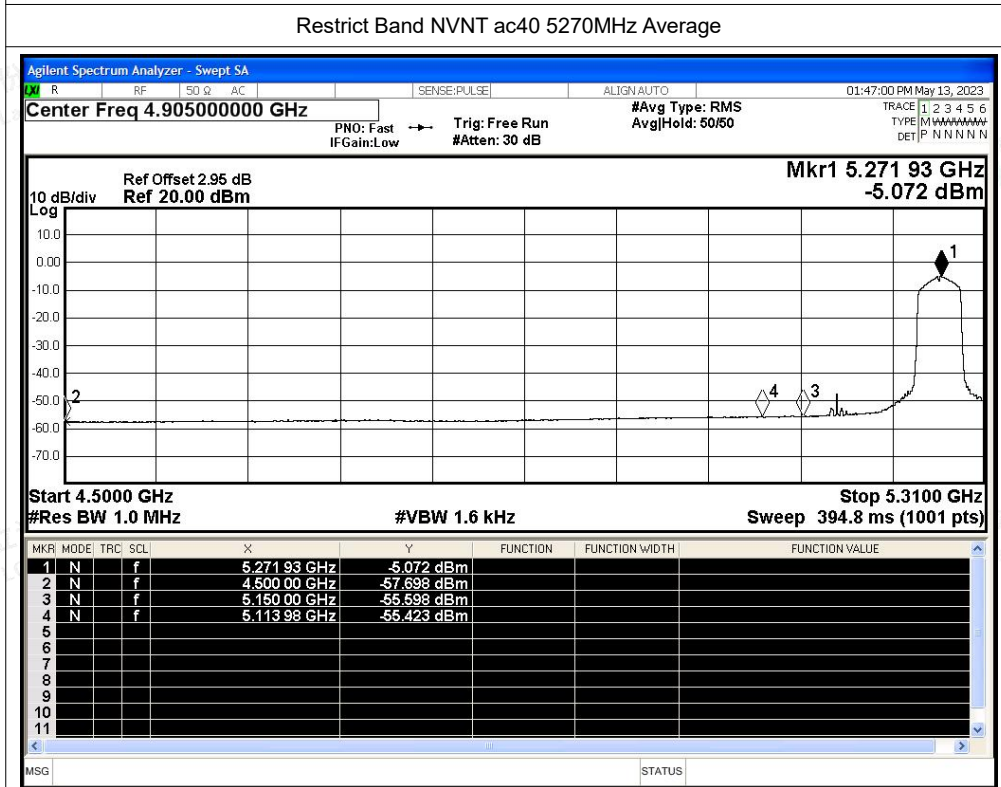
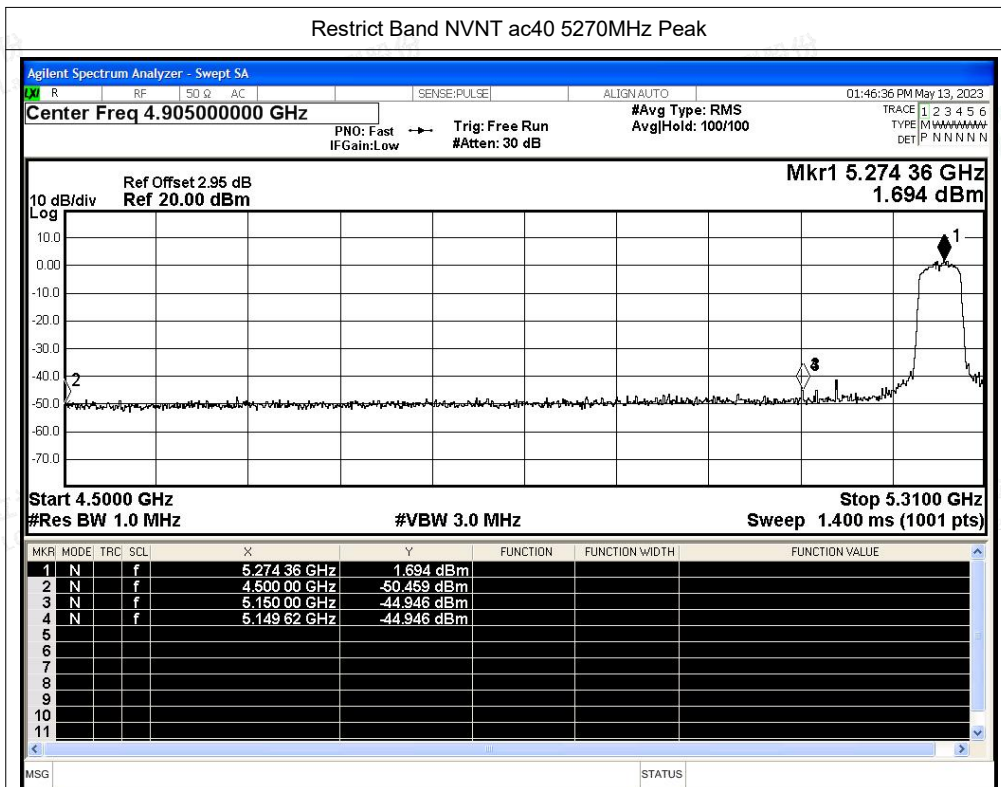
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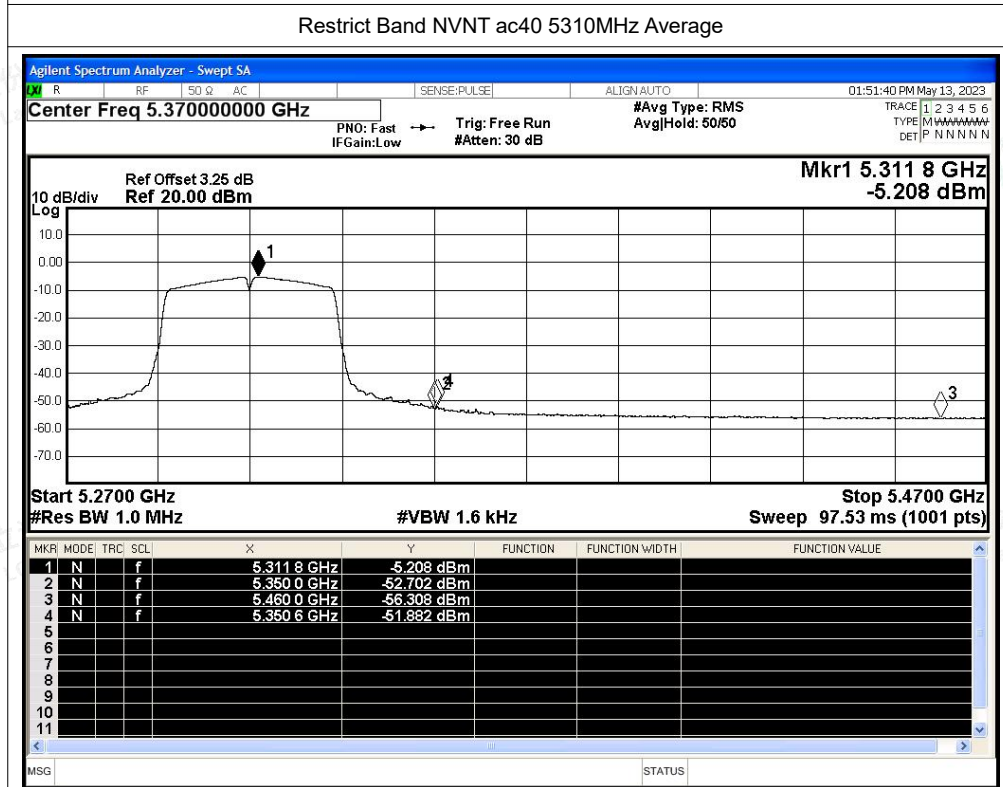
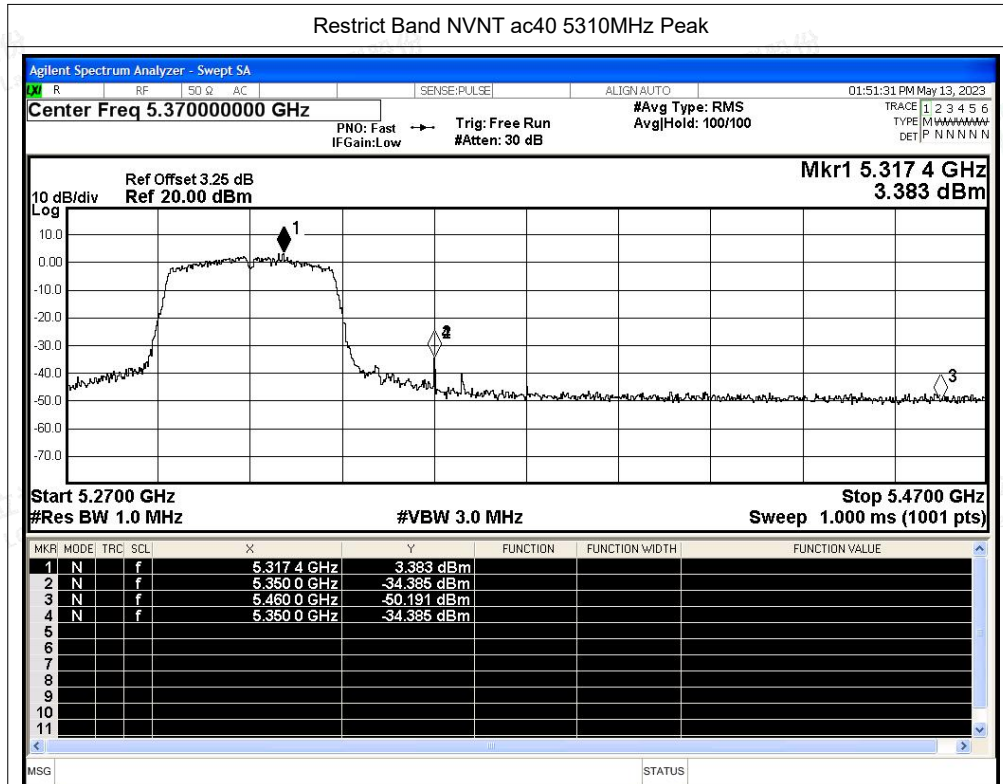
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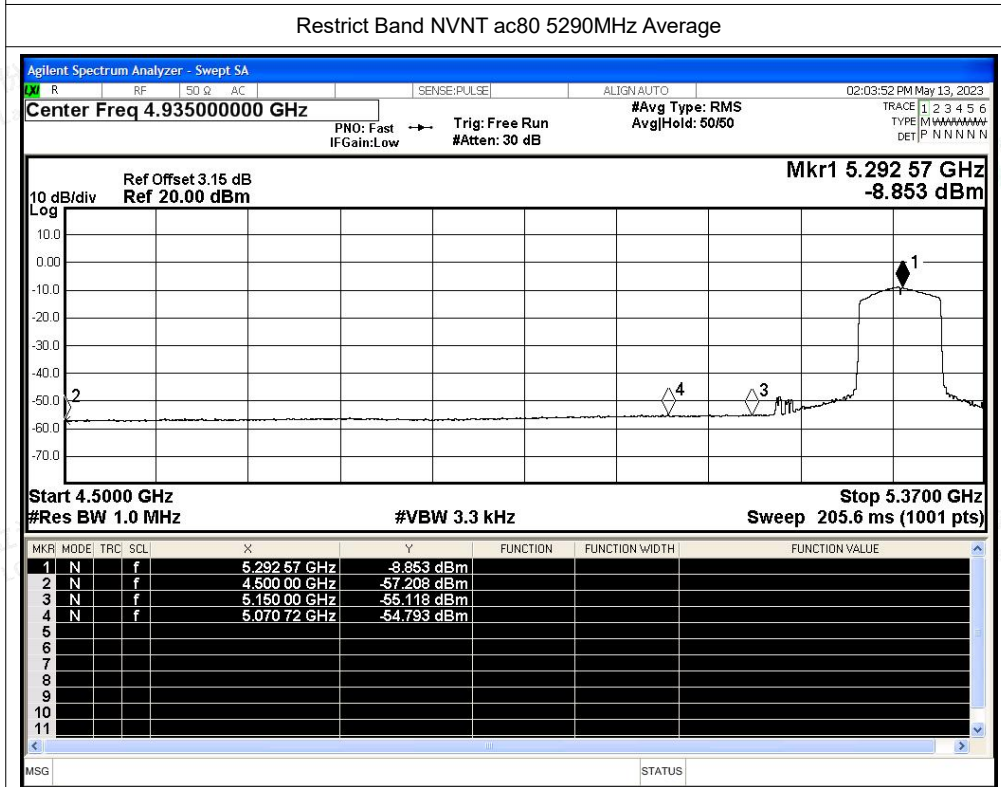
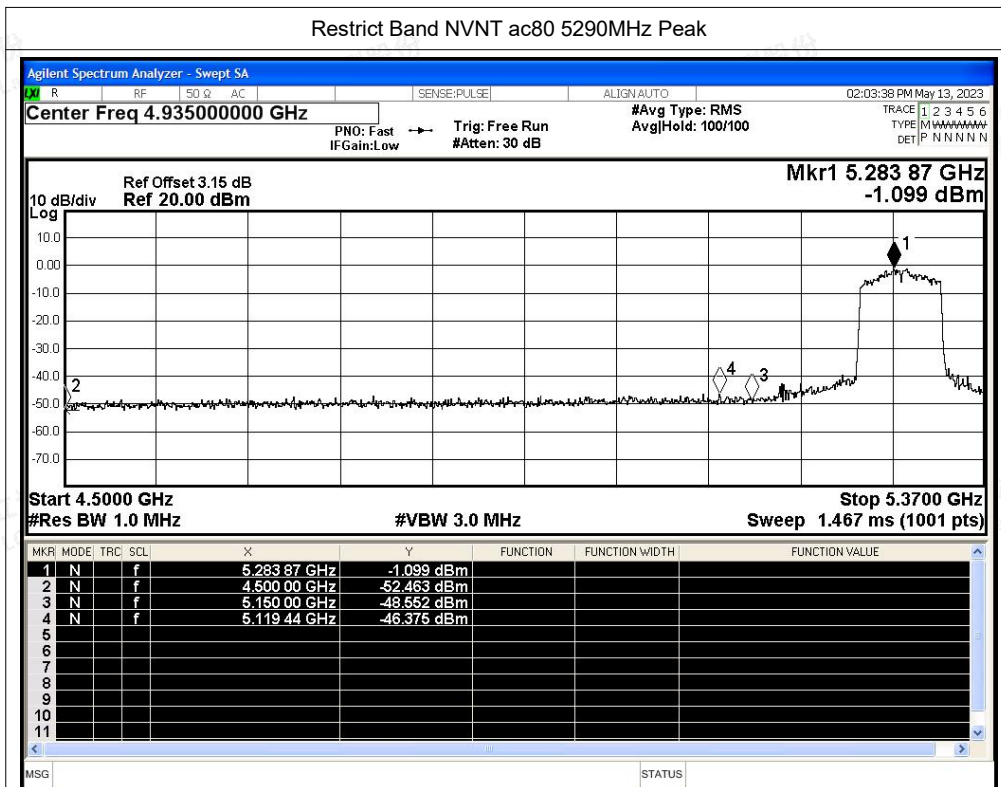


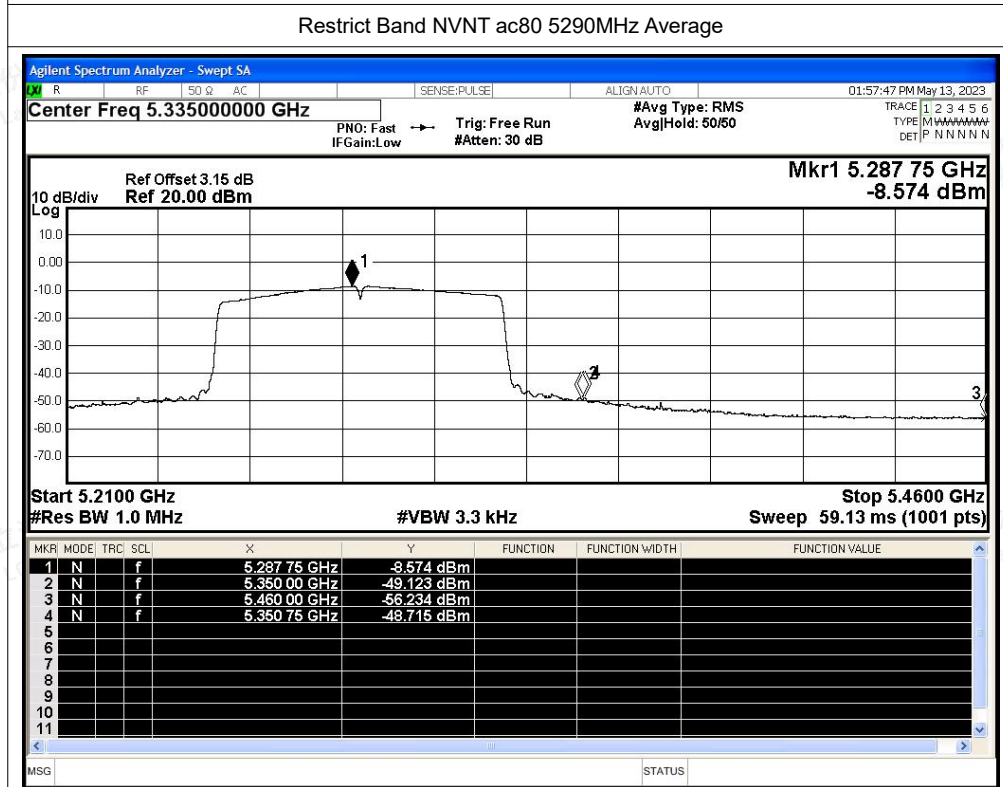
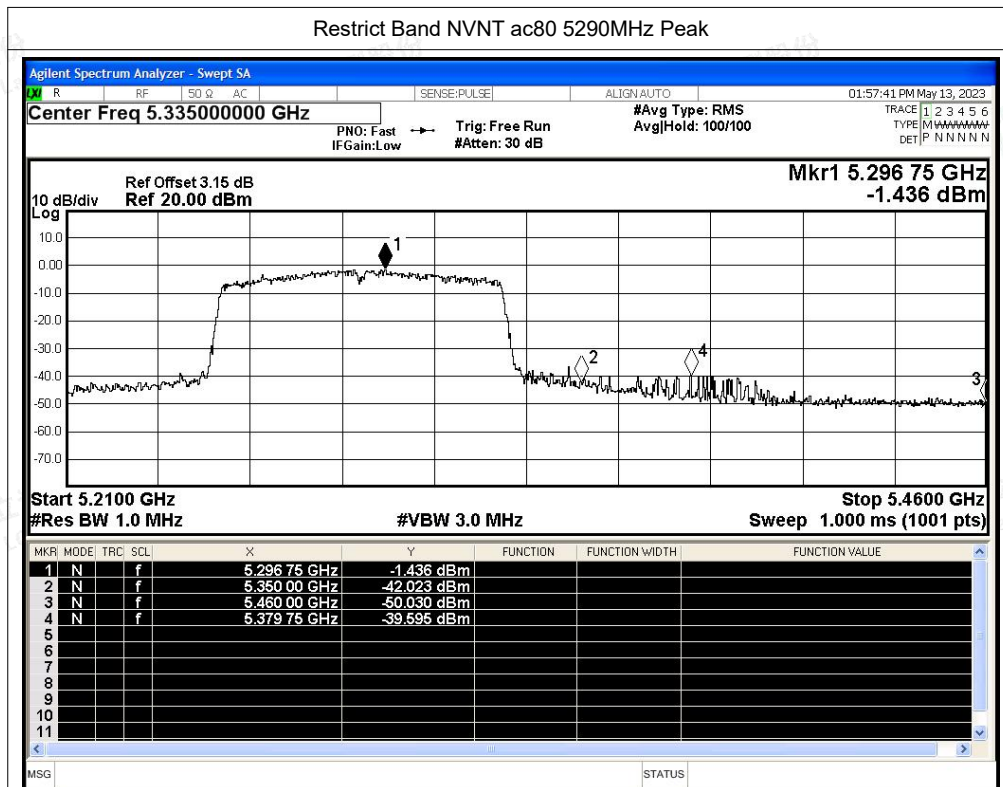
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E.5 Frequency Stability

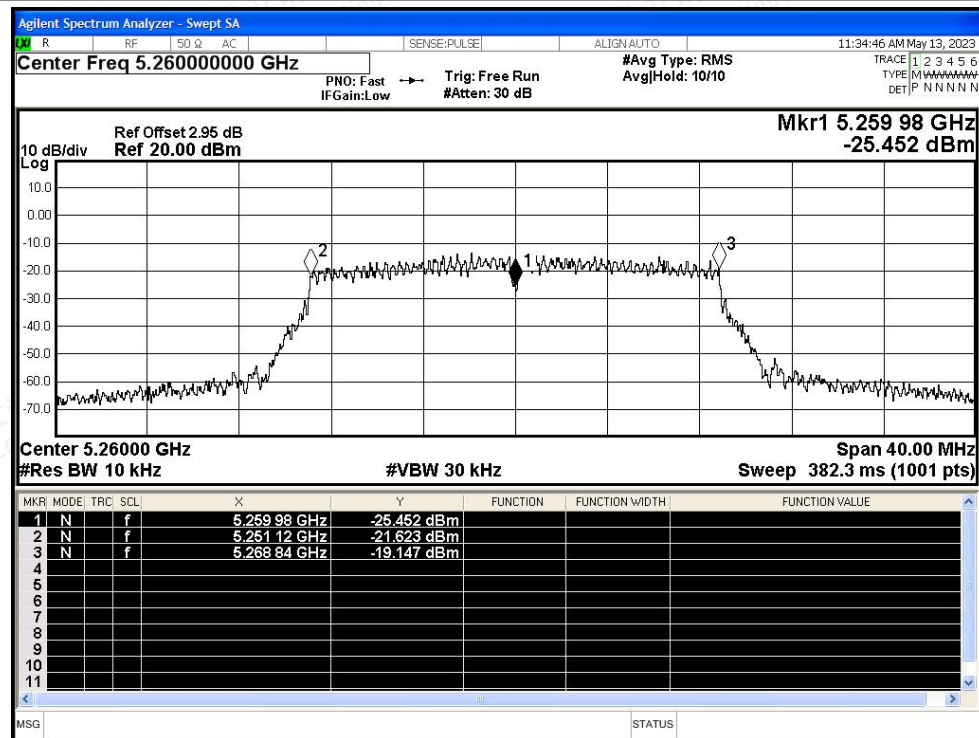
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	ac20	5260	Ant0	5259.98	-20000	-3.8	25	Pass
NVNT	ac20	5300	Ant0	5300	0	0	25	Pass
NVNT	ac20	5320	Ant0	5320.02	20000	3.76	25	Pass
NVNT	ac40	5270	Ant0	5270	0	0	25	Pass
NVNT	ac40	5310	Ant0	5309.96	-40000	-7.53	25	Pass
NVNT	ac80	5290	Ant0	5290.08	80000	15.12	25	Pass



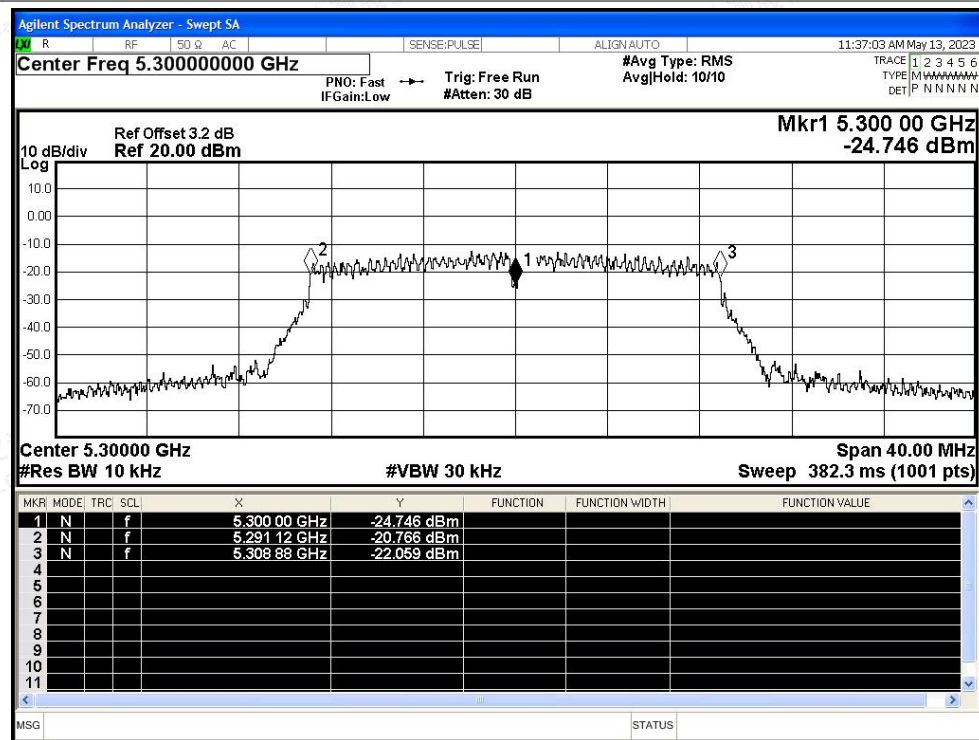


Test Graphs

Freq. Stability NVNT ac20 5260MHz Ant0



Freq. Stability NVNT ac20 5300MHz Ant0

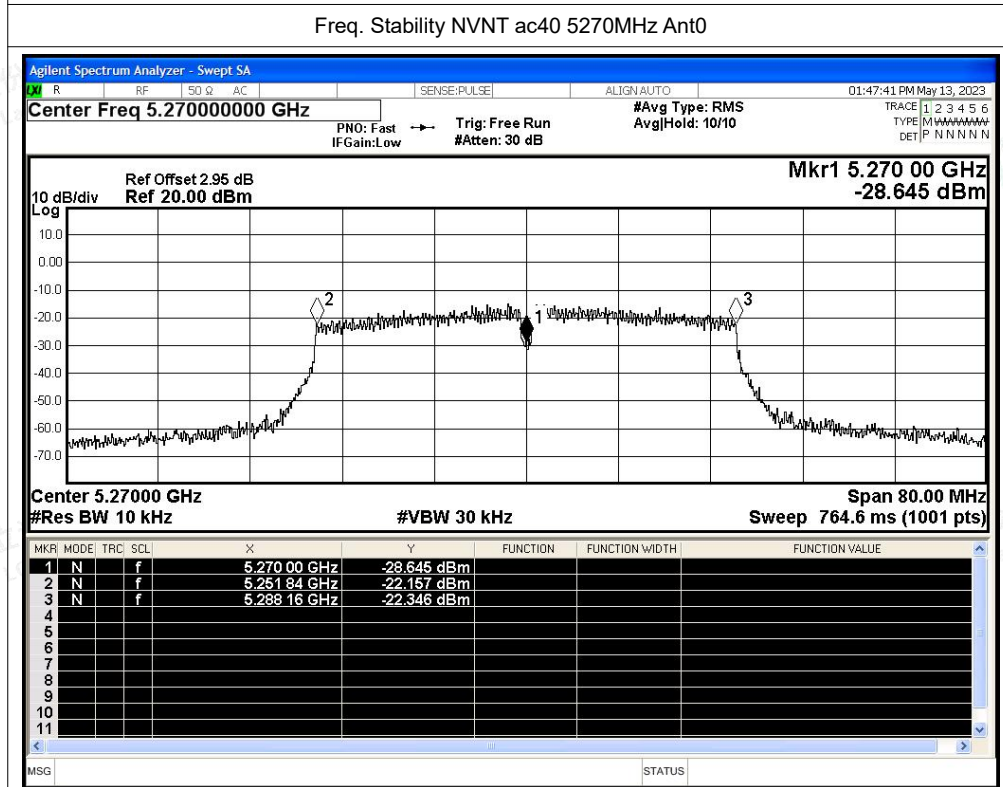
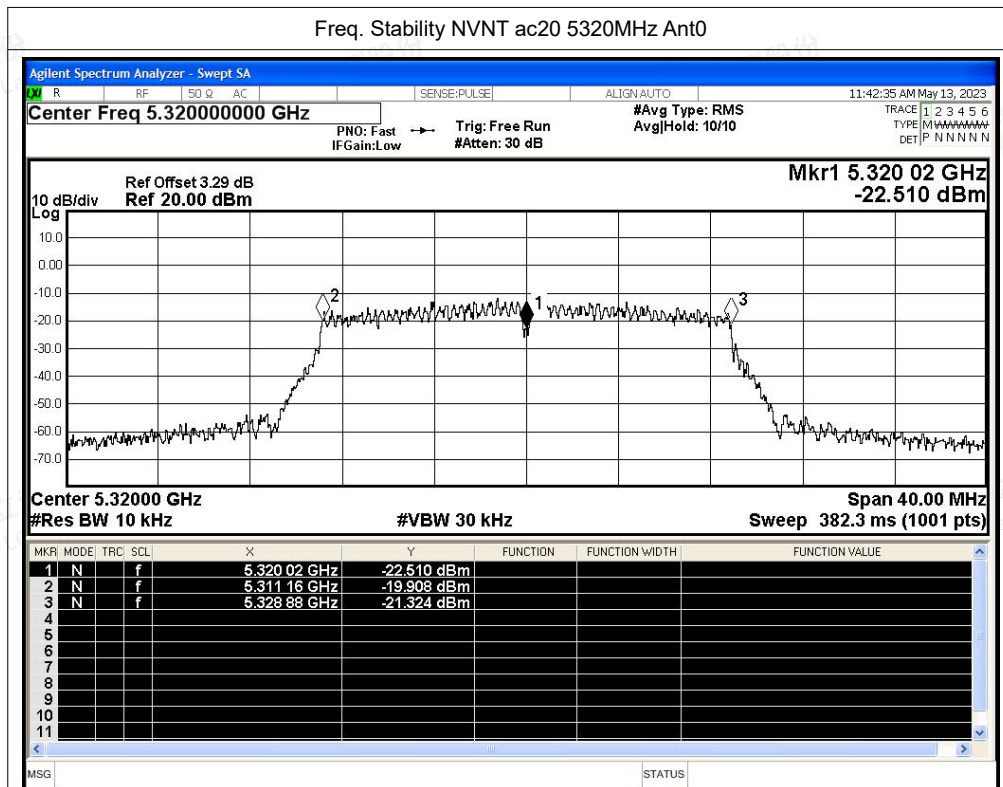


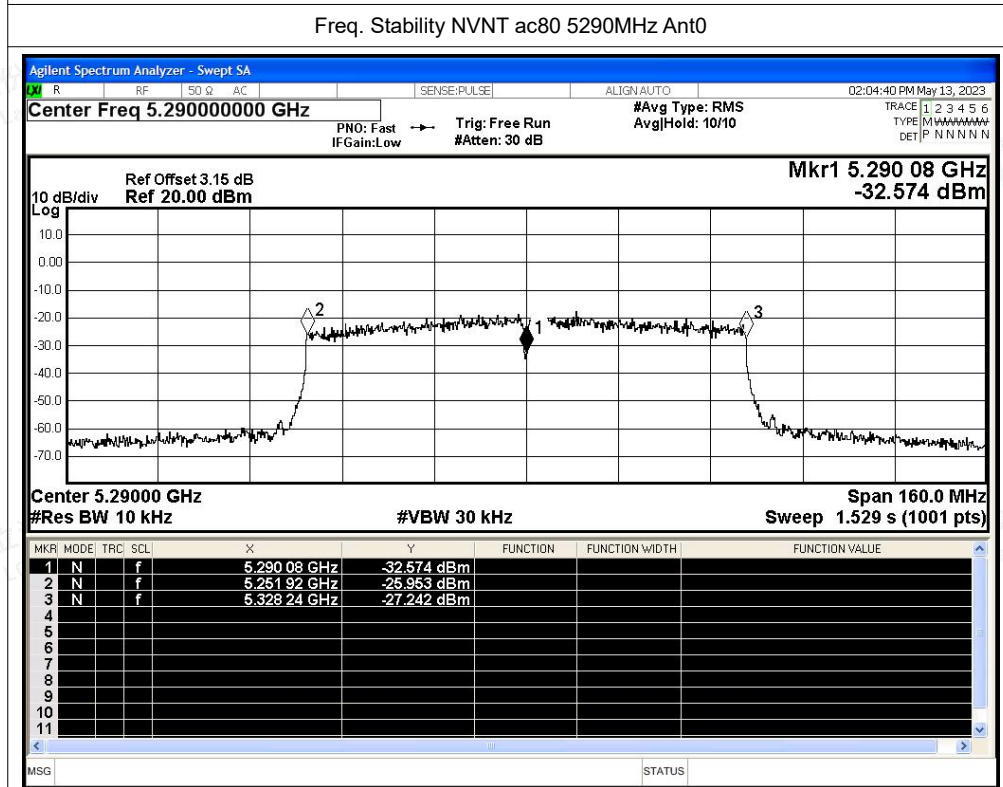
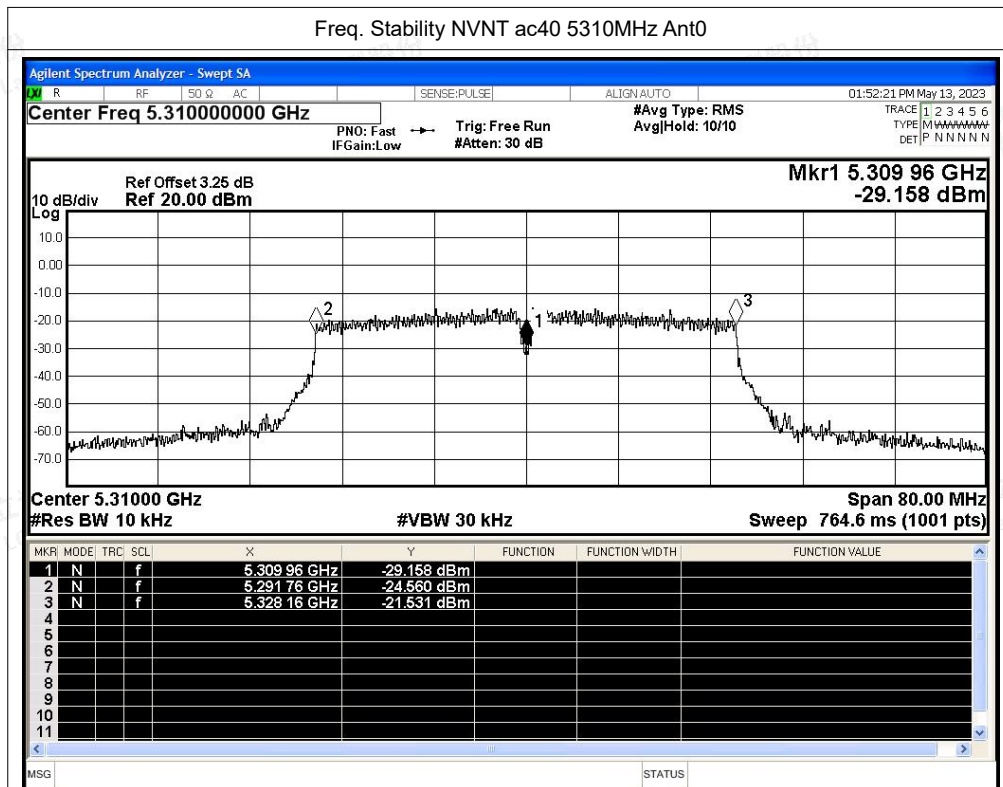
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Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	ac20	5260	Ant1	5260	0	0	25	Pass
NVNT	ac20	5300	Ant1	5300	0	0	25	Pass
NVNT	ac20	5320	Ant1	5320	0	0	25	Pass
NVNT	ac40	5270	Ant1	5270.04	40000	7.59	25	Pass
NVNT	ac40	5310	Ant1	5310	0	0	25	Pass
NVNT	ac80	5290	Ant1	5290	0	0	25	Pass

