



Appendix F

RF Test Data for 5.5GWIFI (Conducted Measurement)

Product Name: Smart Speaker

Test Model: L1

Environmental Conditions

Temperature:	23.8°C
Relative Humidity:	52.1%
ATM Pressure:	100.0 kPa
Test Engineer:	Jay Luo
Supervised by:	Nick Peng





F.1 -26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5500	Ant2	27.573	>=0.5	Pass
NVNT	a	5580	Ant2	26.514	>=0.5	Pass
NVNT	a	5700	Ant2	26.539	>=0.5	Pass
NVNT	n20	5500	Ant2	29.23	>=0.5	Pass
NVNT	n20	5580	Ant2	28.121	>=0.5	Pass
NVNT	n20	5700	Ant2	28.612	>=0.5	Pass
NVNT	n40	5510	Ant2	39.624	>=0.5	Pass
NVNT	n40	5550	Ant2	43.134	>=0.5	Pass
NVNT	n40	5670	Ant2	42.053	>=0.5	Pass
NVNT	ac20	5500	Ant2	29.794	>=0.5	Pass
NVNT	ac20	5580	Ant2	27.213	>=0.5	Pass
NVNT	ac20	5700	Ant2	27.552	>=0.5	Pass
NVNT	ac40	5510	Ant2	39.404	>=0.5	Pass
NVNT	ac40	5550	Ant2	41.798	>=0.5	Pass
NVNT	ac40	5670	Ant2	45.199	>=0.5	Pass
NVNT	ax20	5500	Ant2	27.747	>=0.5	Pass
NVNT	ax20	5580	Ant2	28.82	>=0.5	Pass
NVNT	ax20	5700	Ant2	27.702	>=0.5	Pass
NVNT	ax40	5510	Ant2	39.946	>=0.5	Pass
NVNT	ax40	5550	Ant2	43.184	>=0.5	Pass
NVNT	ax40	5670	Ant2	45.995	>=0.5	Pass

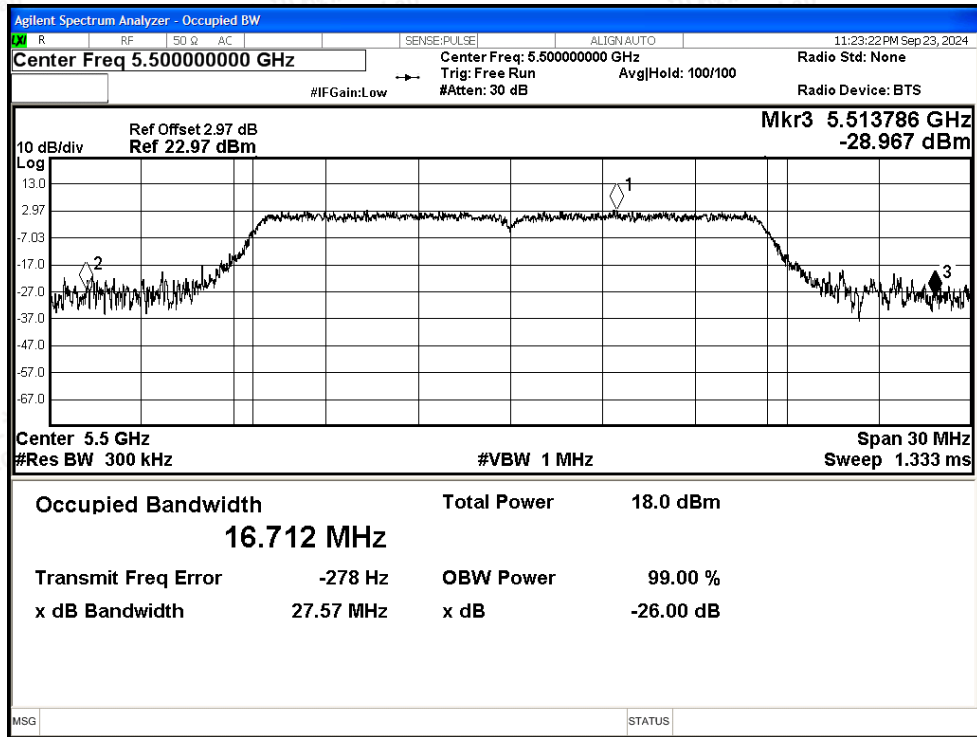


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 Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
 Scan code to check authenticity

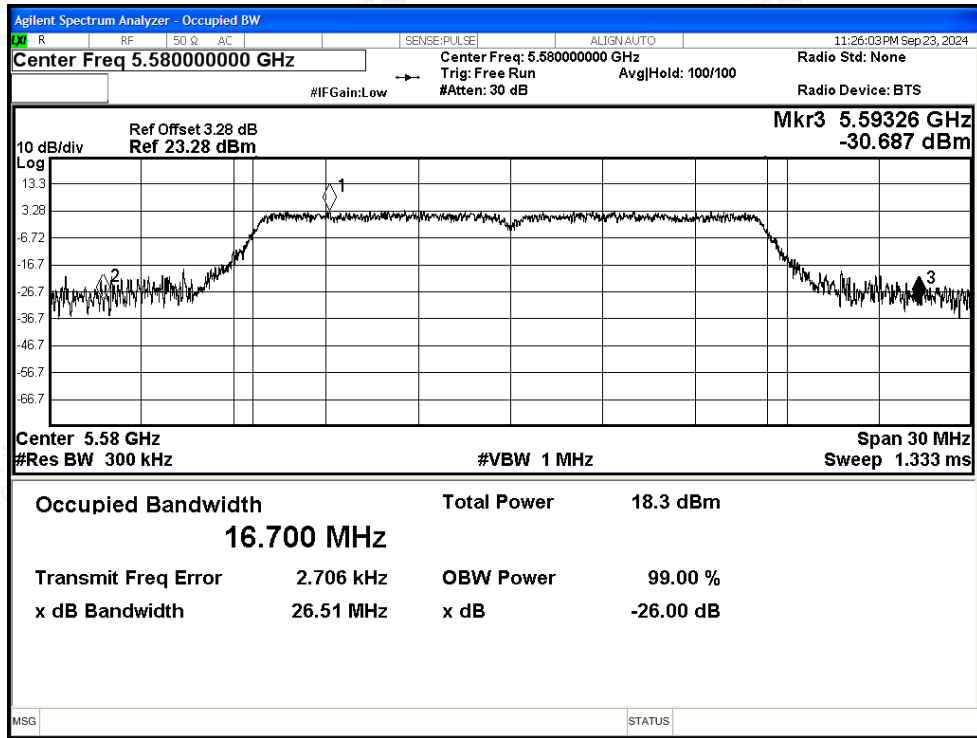


Test Graphs

-26dB Bandwidth NVNT a 5500MHz Ant2

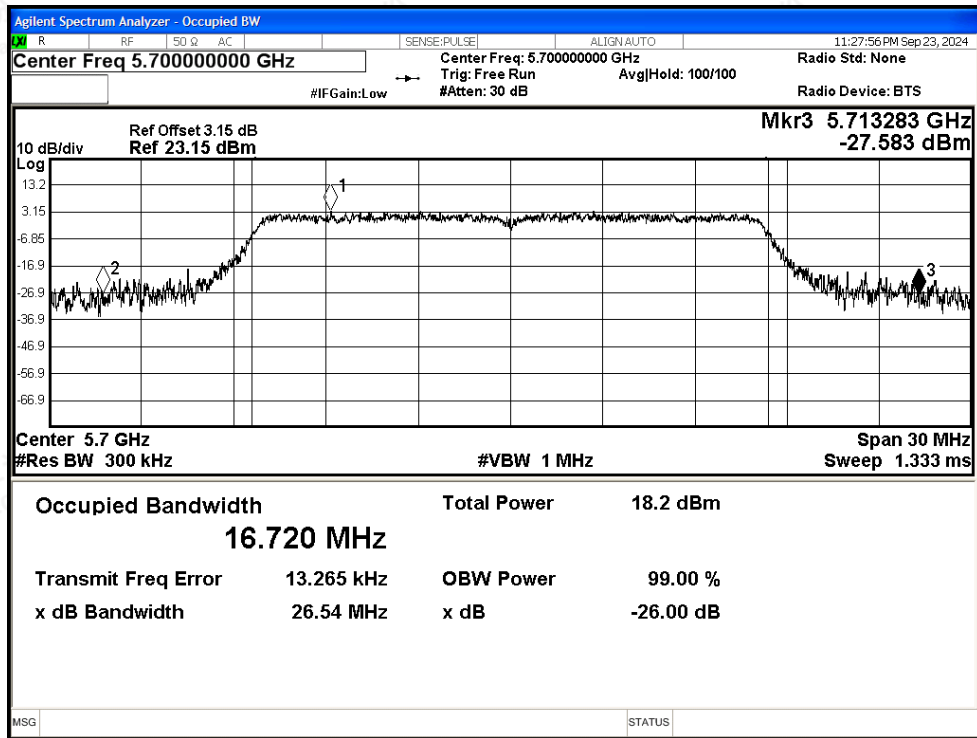


-26dB Bandwidth NVNT a 5580MHz Ant2

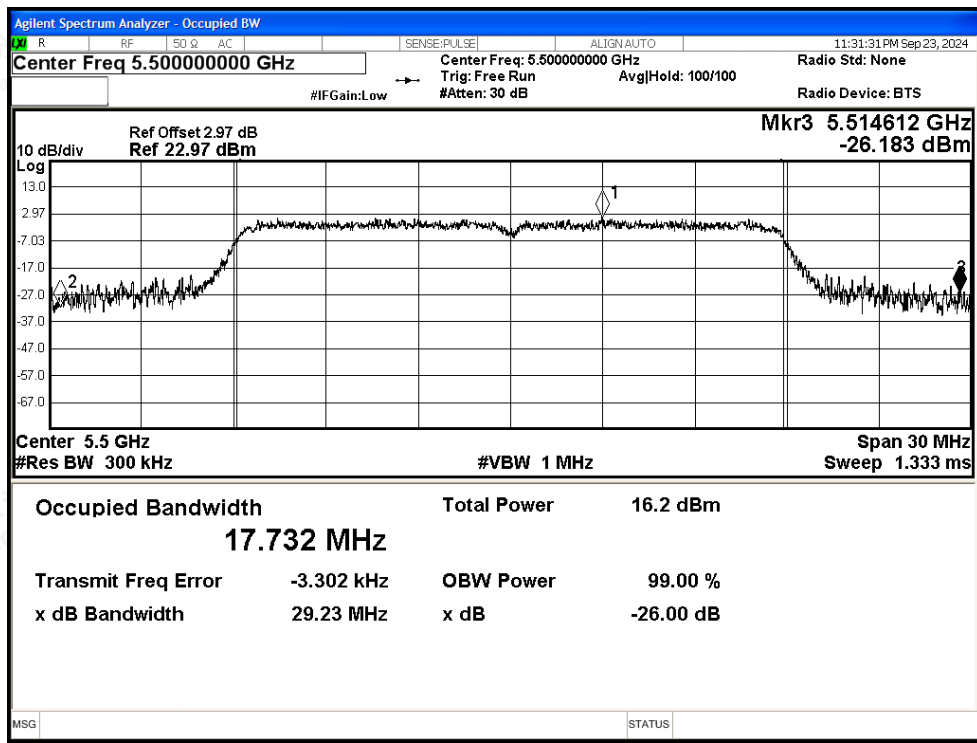




-26dB Bandwidth NVNT a 5700MHz Ant2

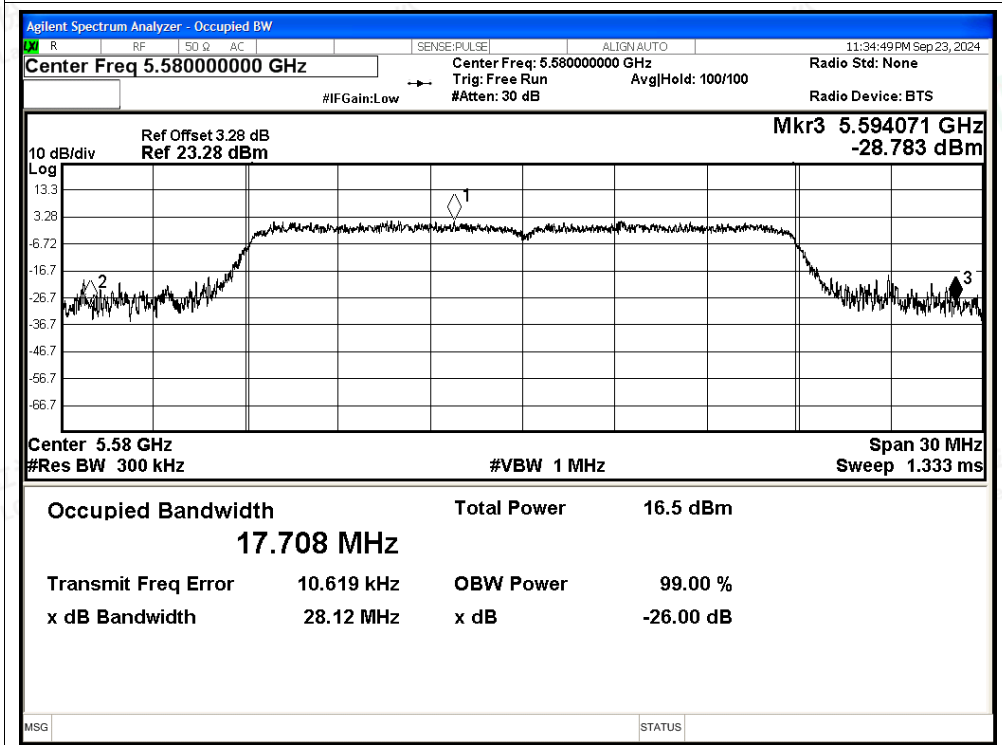


-26dB Bandwidth NVNT n20 5500MHz Ant2

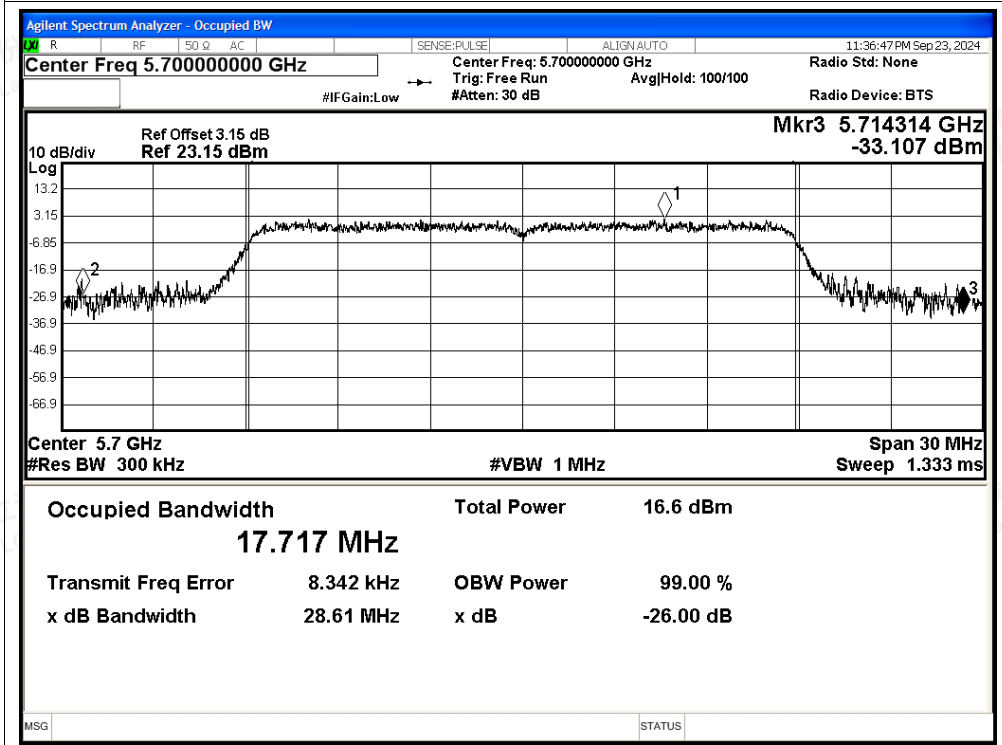




-26dB Bandwidth NVNT n20 5580MHz Ant2

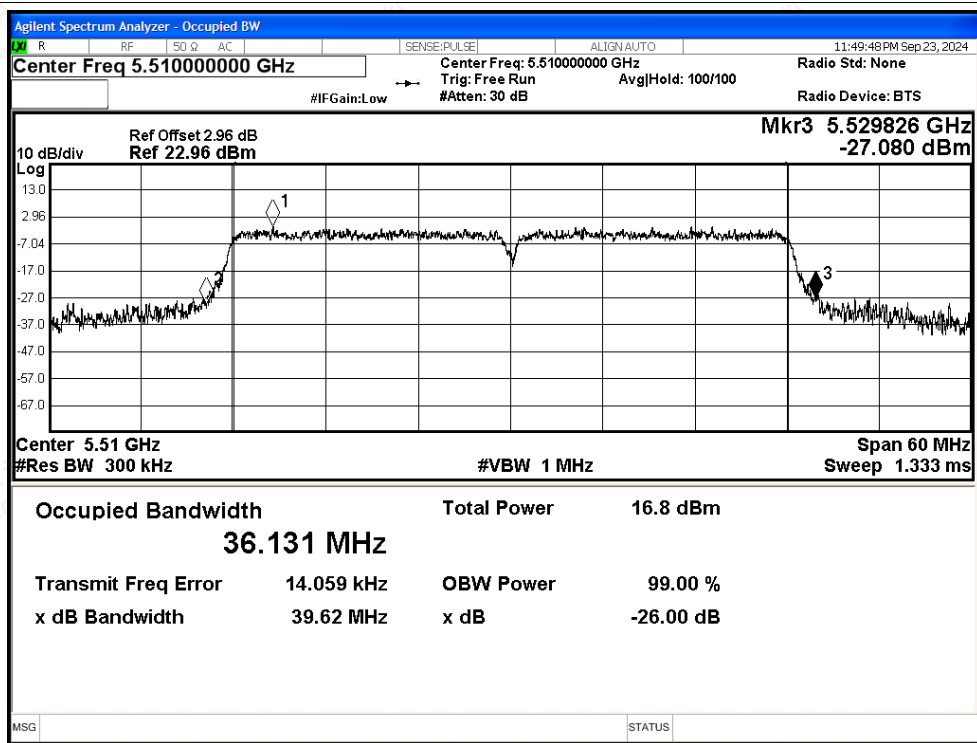


-26dB Bandwidth NVNT n20 5700MHz Ant2

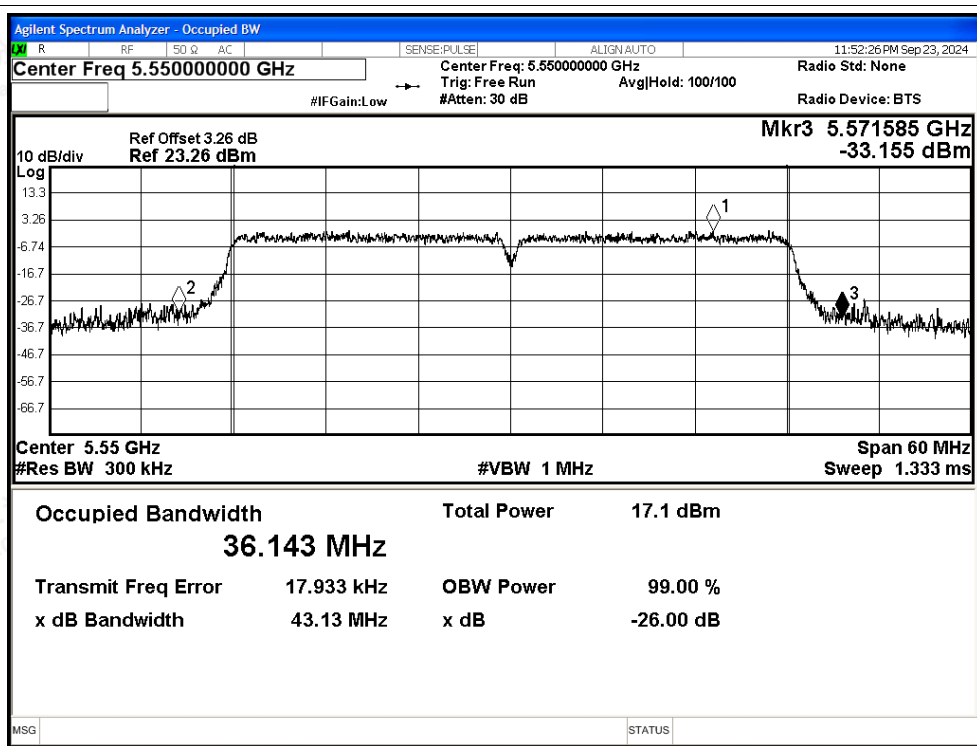




-26dB Bandwidth NVNT n40 5510MHz Ant2

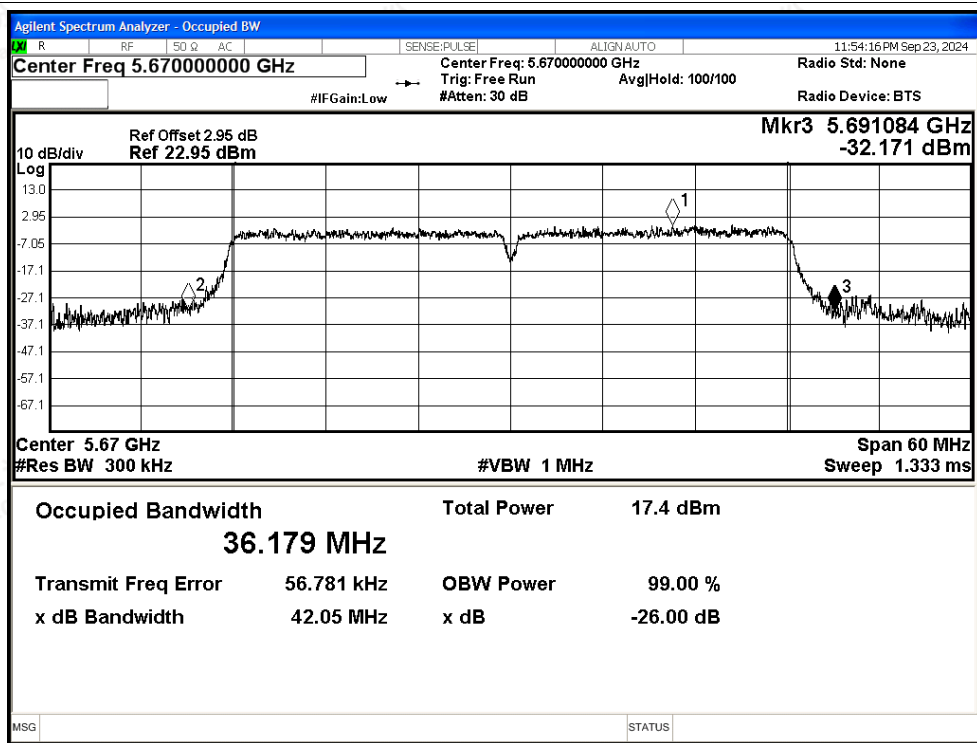


-26dB Bandwidth NVNT n40 5550MHz Ant2

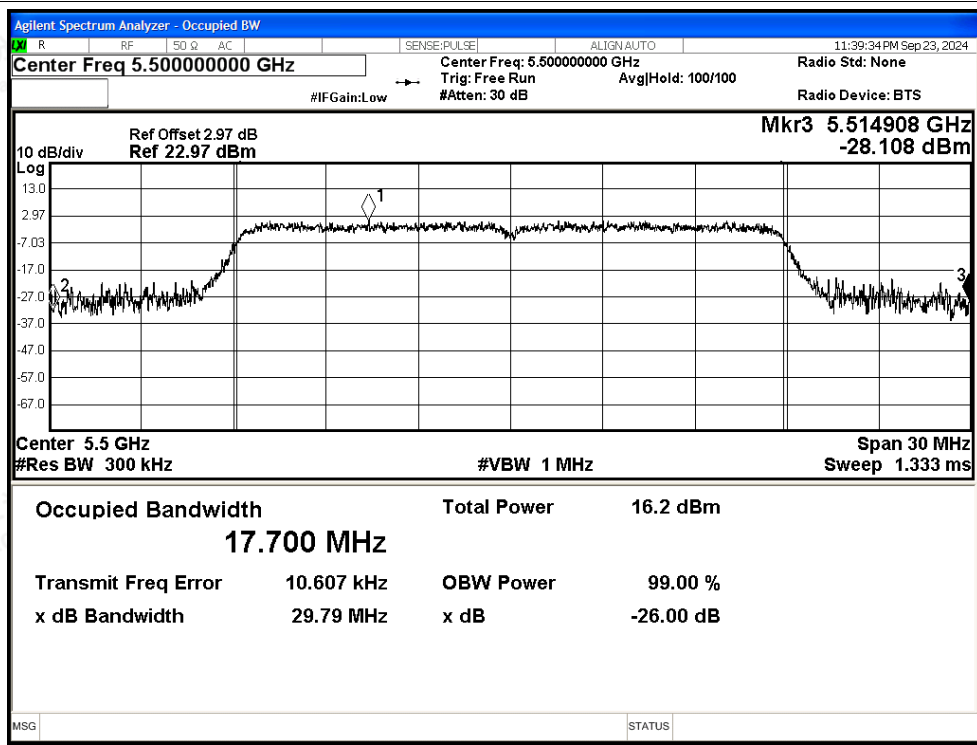




-26dB Bandwidth NVNT n40 5670MHz Ant2

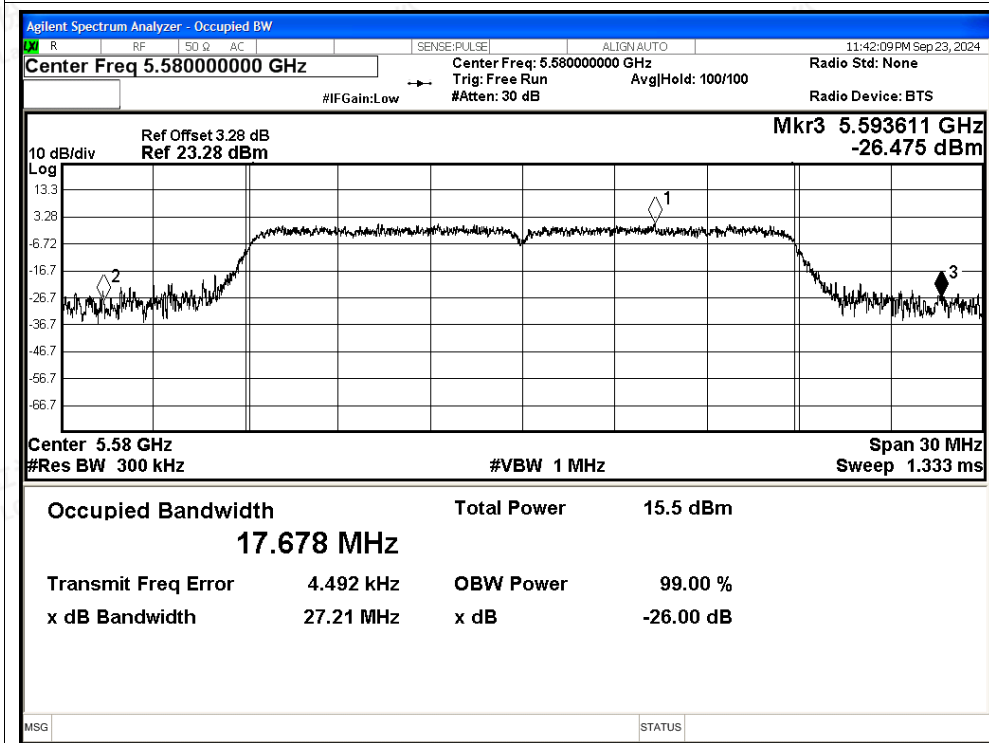


-26dB Bandwidth NVNT ac20 5500MHz Ant2

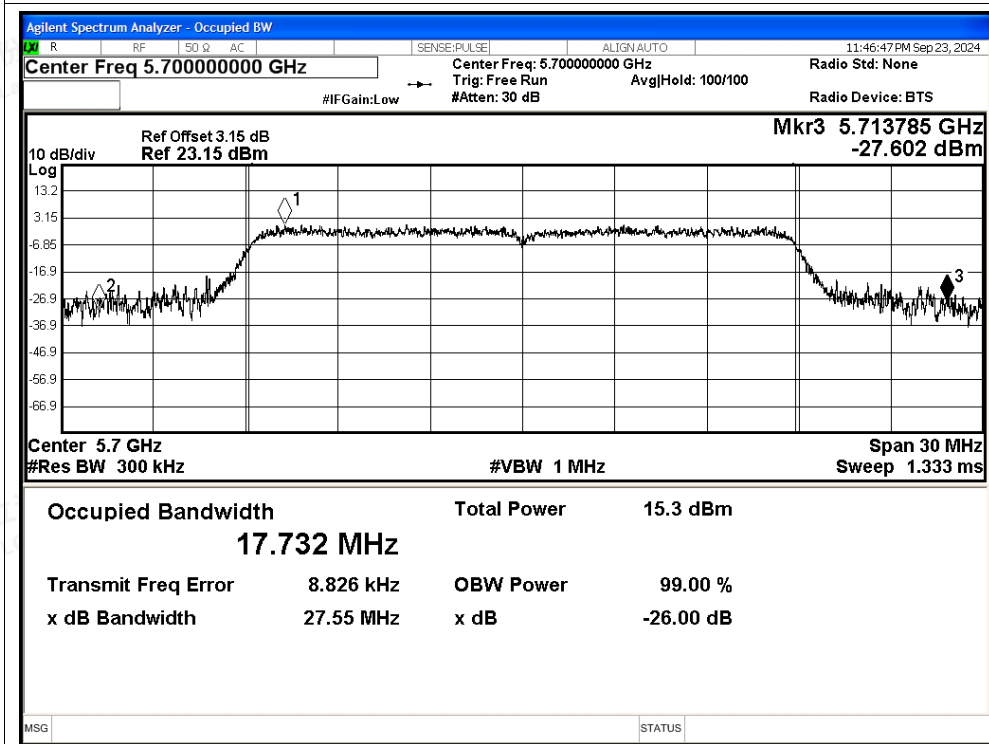




-26dB Bandwidth NVNT ac20 5580MHz Ant2

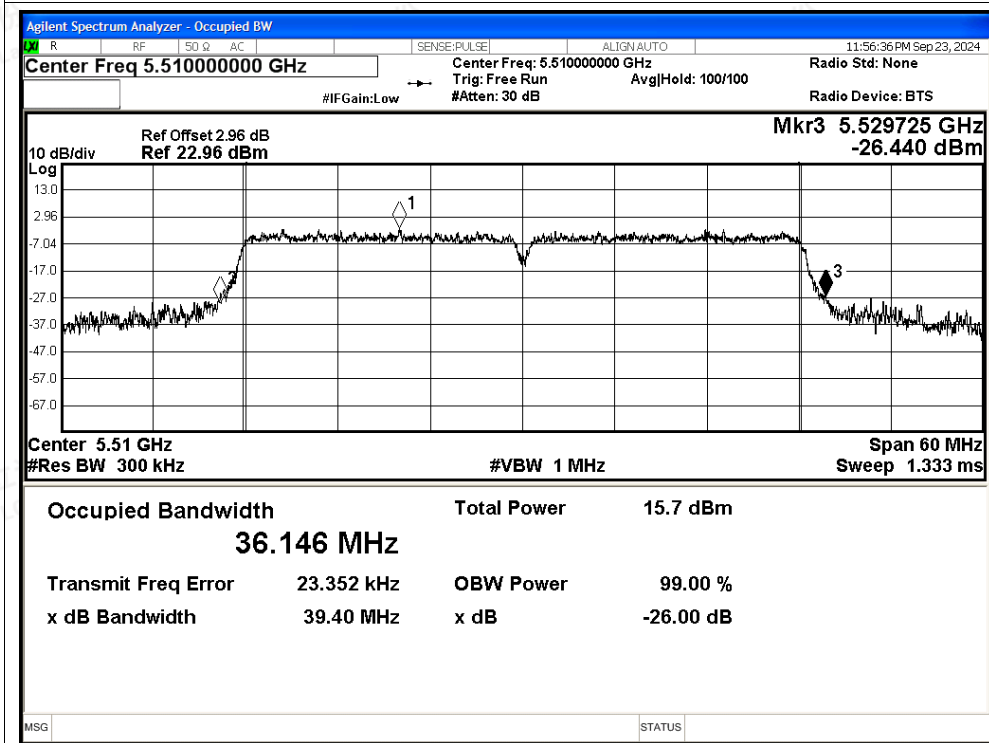


-26dB Bandwidth NVNT ac20 5700MHz Ant2

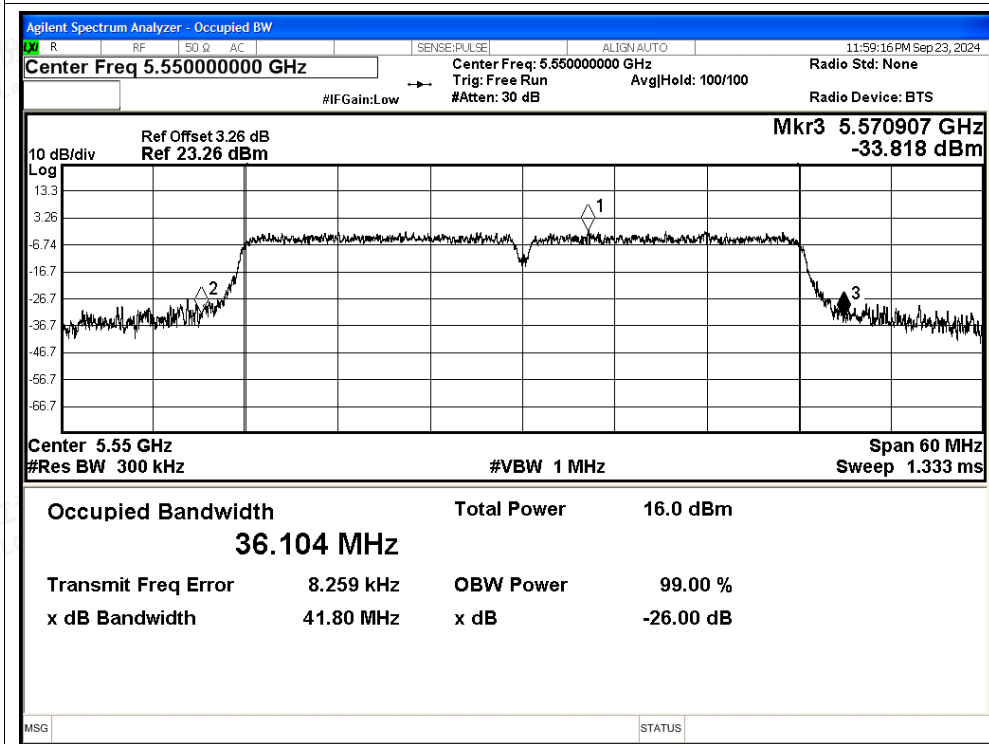




-26dB Bandwidth NVNT ac40 5510MHz Ant2

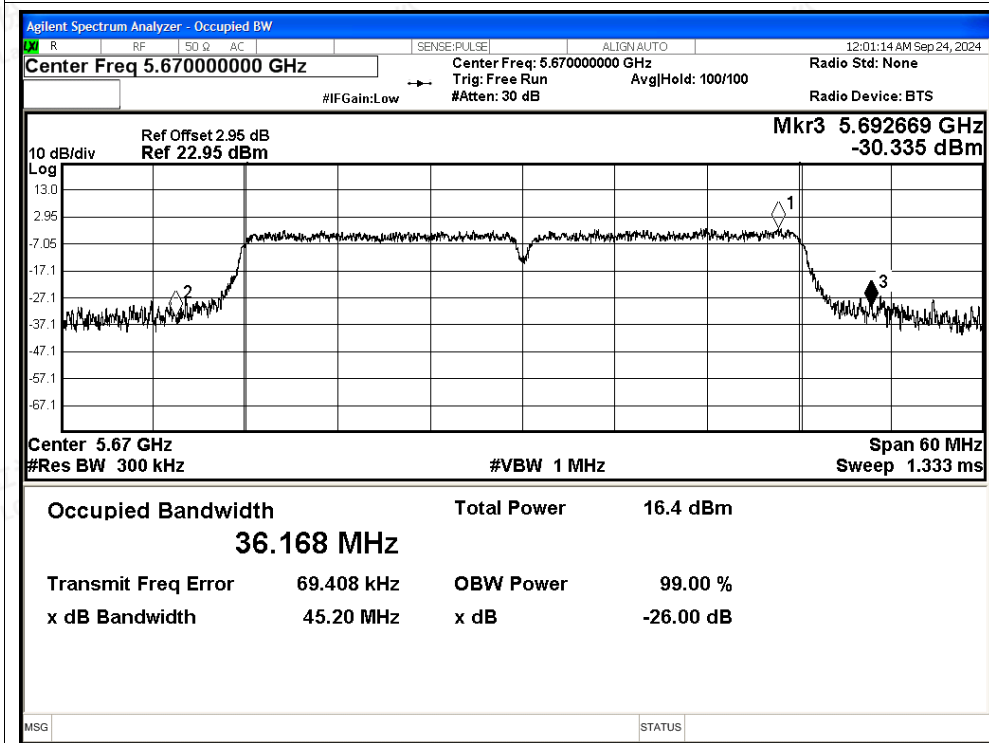


-26dB Bandwidth NVNT ac40 5550MHz Ant2

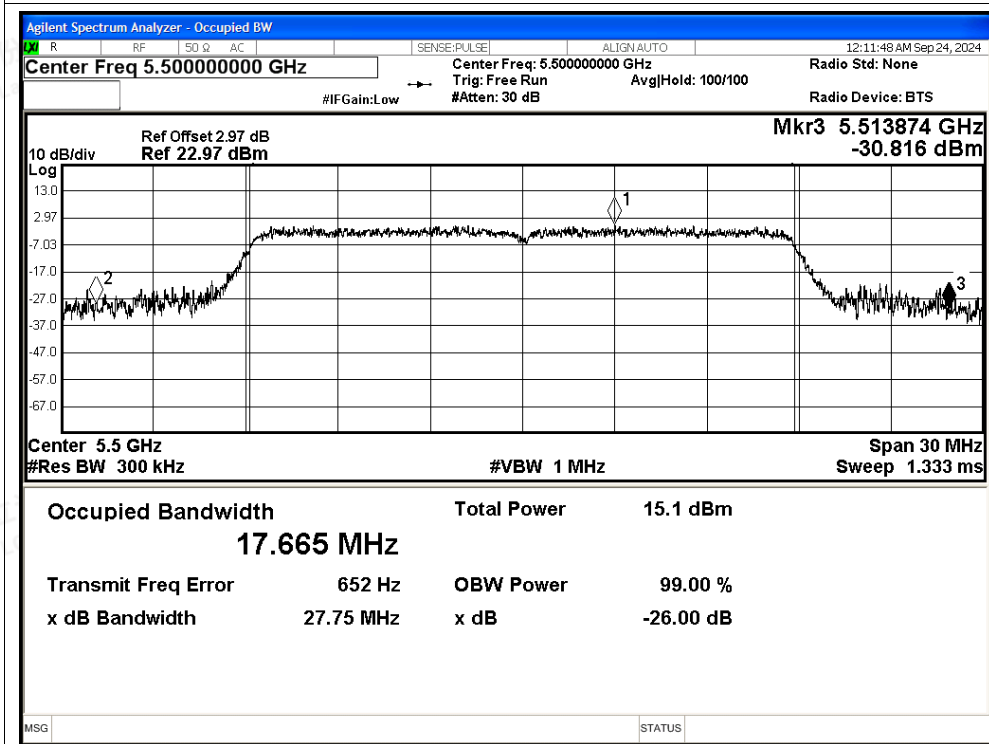




-26dB Bandwidth NVNT ac40 5670MHz Ant2

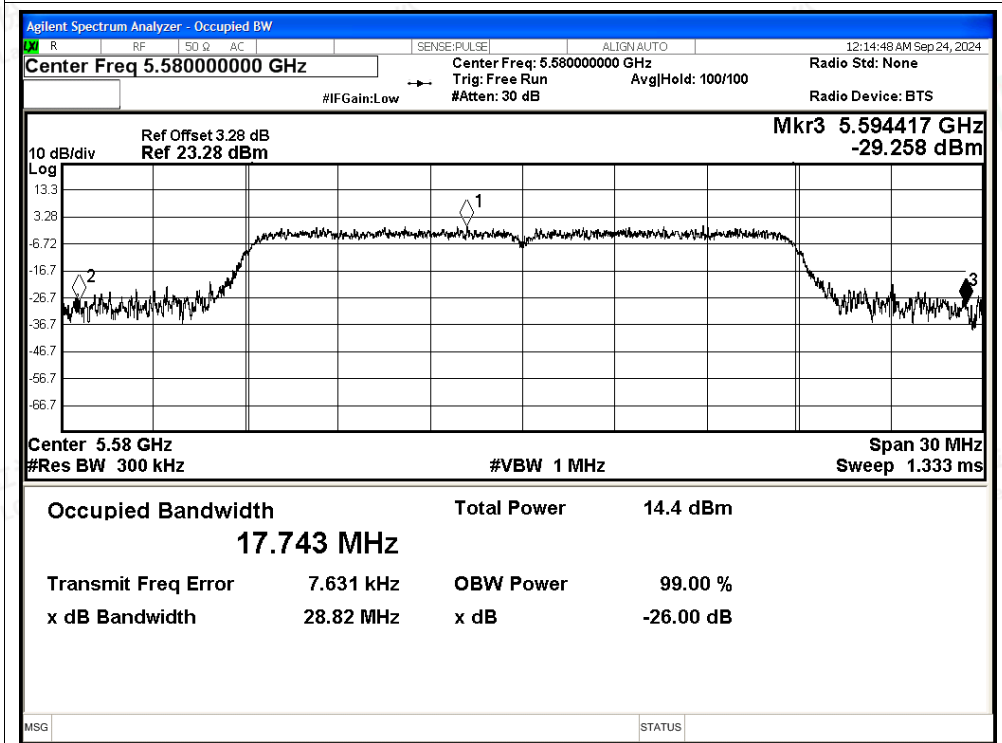


-26dB Bandwidth NVNT ax20 5500MHz Ant2

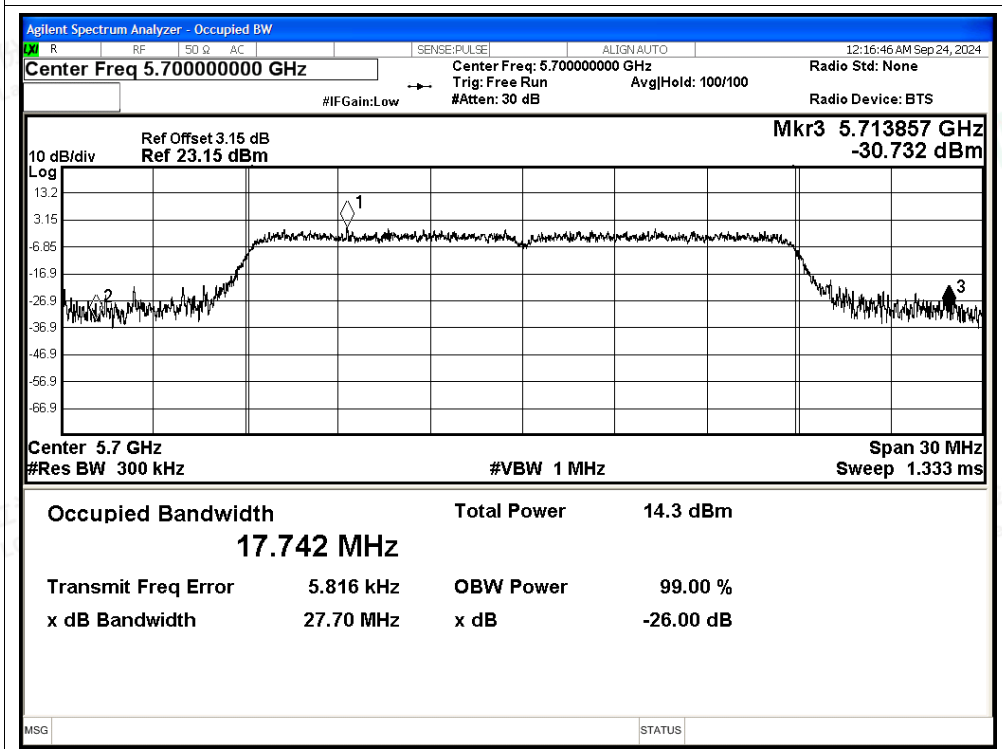




-26dB Bandwidth NVNT ax20 5580MHz Ant2

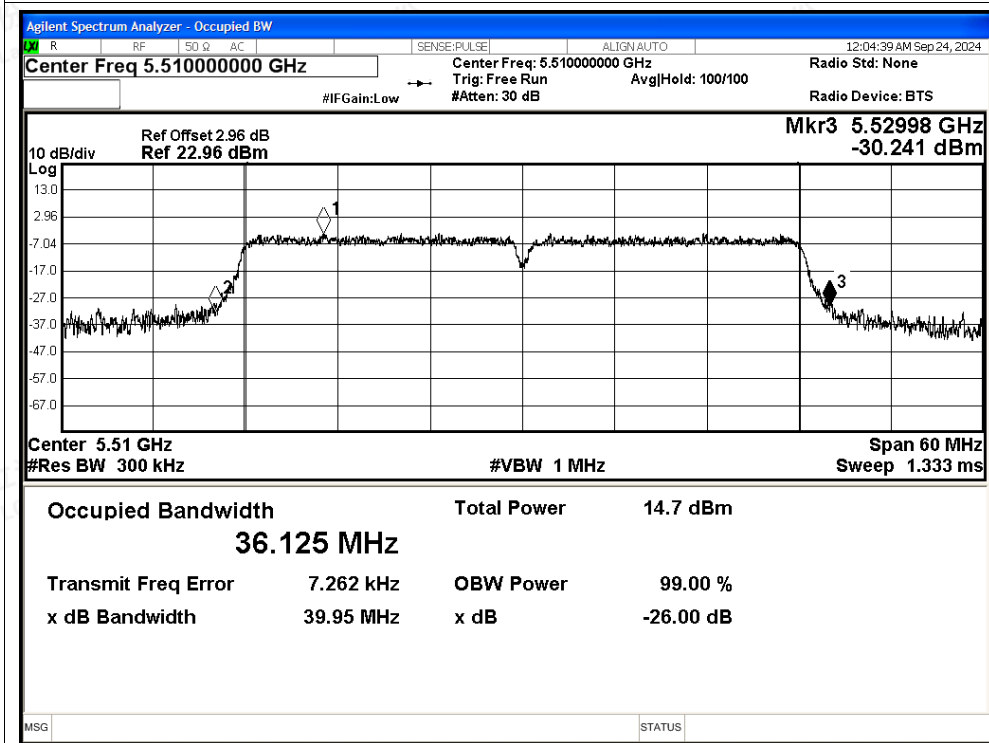


-26dB Bandwidth NVNT ax20 5700MHz Ant2

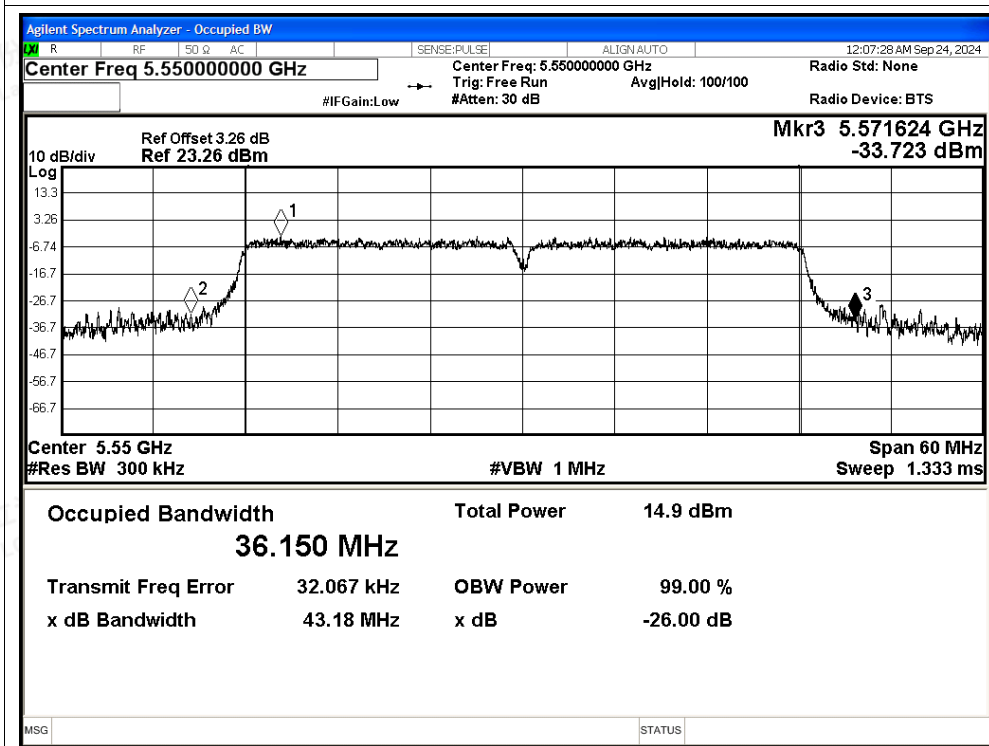


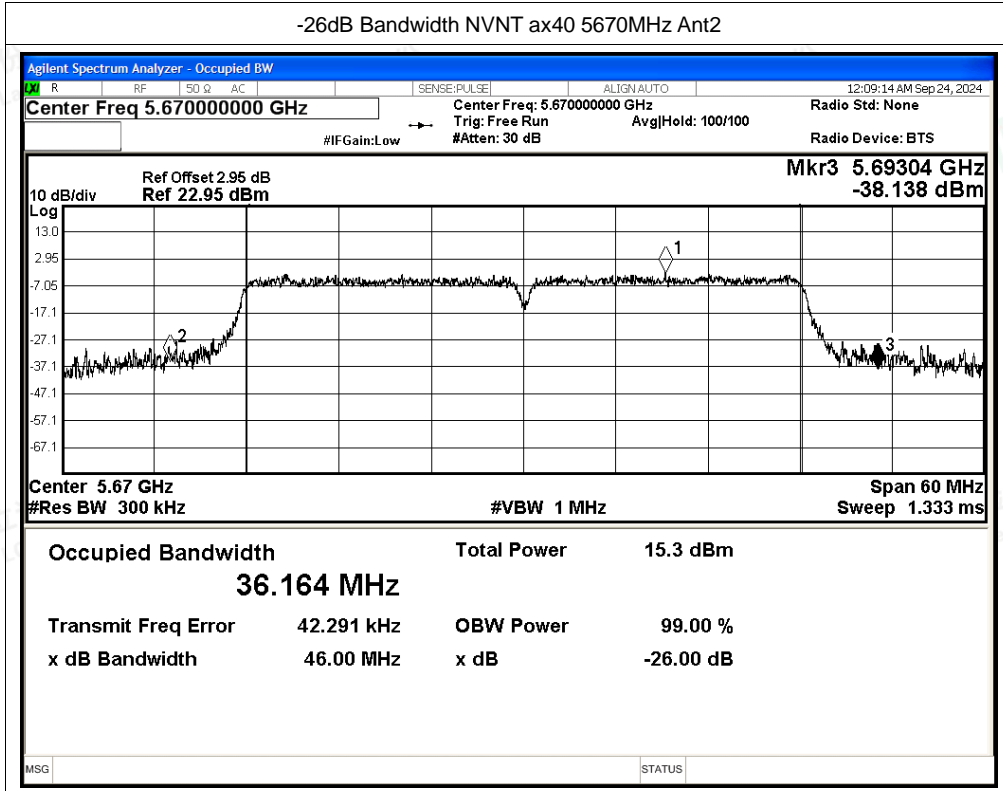


-26dB Bandwidth NVNT ax40 5510MHz Ant2



-26dB Bandwidth NVNT ax40 5550MHz Ant2







F.2 Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant2	12.31	0.24	12.55	24	Pass
NVNT	a	5580	Ant2	12.56	0.24	12.80	24	Pass
NVNT	a	5700	Ant2	12.46	0.24	12.70	24	Pass
NVNT	n20	5500	Ant2	10.77	0.12	10.89	24	Pass
NVNT	n20	5580	Ant2	11.11	0.12	11.23	24	Pass
NVNT	n20	5700	Ant2	11.05	0.12	11.17	24	Pass
NVNT	n40	5510	Ant2	11.15	0.12	11.27	24	Pass
NVNT	n40	5550	Ant2	11.5	0.12	11.62	24	Pass
NVNT	n40	5670	Ant2	11.75	0.12	11.87	24	Pass
NVNT	ac20	5500	Ant2	10.72	0.12	10.84	24	Pass
NVNT	ac20	5580	Ant2	9.97	0.12	10.09	24	Pass
NVNT	ac20	5700	Ant2	9.88	0.12	10.00	24	Pass
NVNT	ac40	5510	Ant2	10.11	0.12	10.23	24	Pass
NVNT	ac40	5550	Ant2	10.4	0.12	10.52	24	Pass
NVNT	ac40	5670	Ant2	10.73	0.12	10.85	24	Pass
NVNT	ax20	5500	Ant2	9.5	0.12	9.62	24	Pass
NVNT	ax20	5580	Ant2	8.84	0.12	8.96	24	Pass
NVNT	ax20	5700	Ant2	8.77	0.12	8.89	24	Pass
NVNT	ax40	5510	Ant2	8.97	0.12	9.09	24	Pass
NVNT	ax40	5550	Ant2	9.3	0.12	9.42	24	Pass
NVNT	ax40	5670	Ant2	9.69	0.12	9.81	24	Pass





F.3 Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant2	1.86	0.24	2.1	11	Pass
NVNT	a	5580	Ant2	2.01	0.24	2.25	11	Pass
NVNT	a	5700	Ant2	1.84	0.24	2.08	11	Pass
NVNT	n20	5500	Ant2	-0.09	0.12	0.03	11	Pass
NVNT	n20	5580	Ant2	0.51	0.12	0.63	11	Pass
NVNT	n20	5700	Ant2	0.25	0.12	0.37	11	Pass
NVNT	n40	5510	Ant2	-2.38	0.12	-2.26	11	Pass
NVNT	n40	5550	Ant2	-2.35	0.12	-2.23	11	Pass
NVNT	n40	5670	Ant2	-1.89	0.12	-1.77	11	Pass
NVNT	ac20	5500	Ant2	0.05	0.12	0.17	11	Pass
NVNT	ac20	5580	Ant2	-0.98	0.12	-0.86	11	Pass
NVNT	ac20	5700	Ant2	-0.96	0.12	-0.84	11	Pass
NVNT	ac40	5510	Ant2	-3.71	0.12	-3.59	11	Pass
NVNT	ac40	5550	Ant2	-3.61	0.12	-3.49	11	Pass
NVNT	ac40	5670	Ant2	-2.99	0.12	-2.87	11	Pass
NVNT	ax20	5500	Ant2	-1.28	0.12	-1.16	11	Pass
NVNT	ax20	5580	Ant2	-2.04	0.12	-1.92	11	Pass
NVNT	ax20	5700	Ant2	-2.02	0.12	-1.9	11	Pass
NVNT	ax40	5510	Ant2	-4.91	0.12	-4.79	11	Pass
NVNT	ax40	5550	Ant2	-4.64	0.12	-4.52	11	Pass
NVNT	ax40	5670	Ant2	-4.05	0.12	-3.93	11	Pass

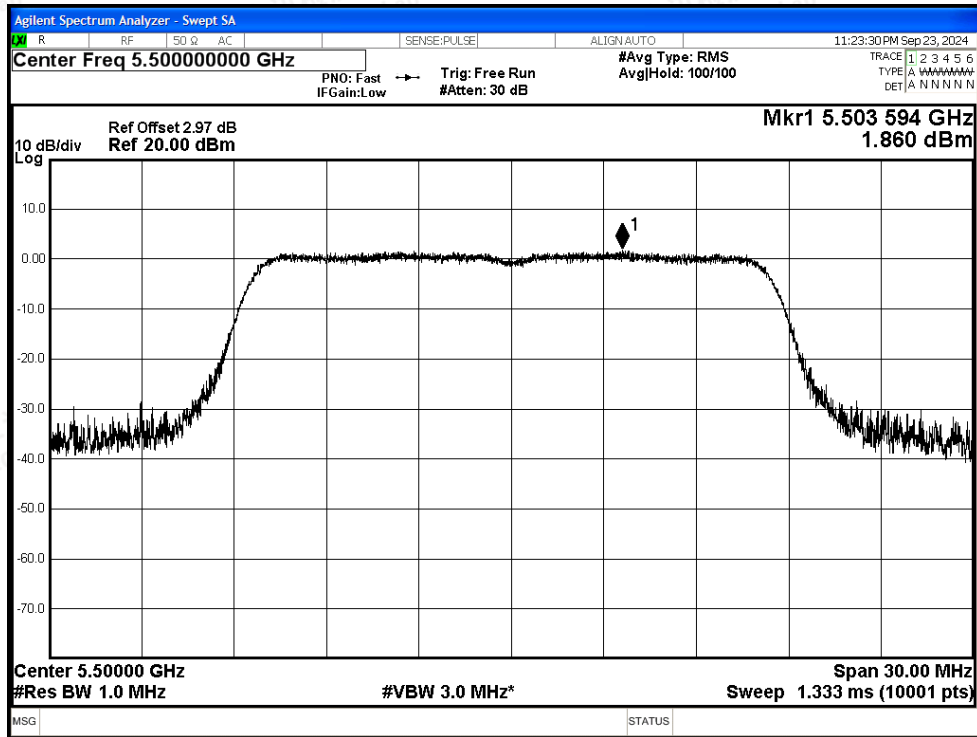


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 Scan code to check authenticity

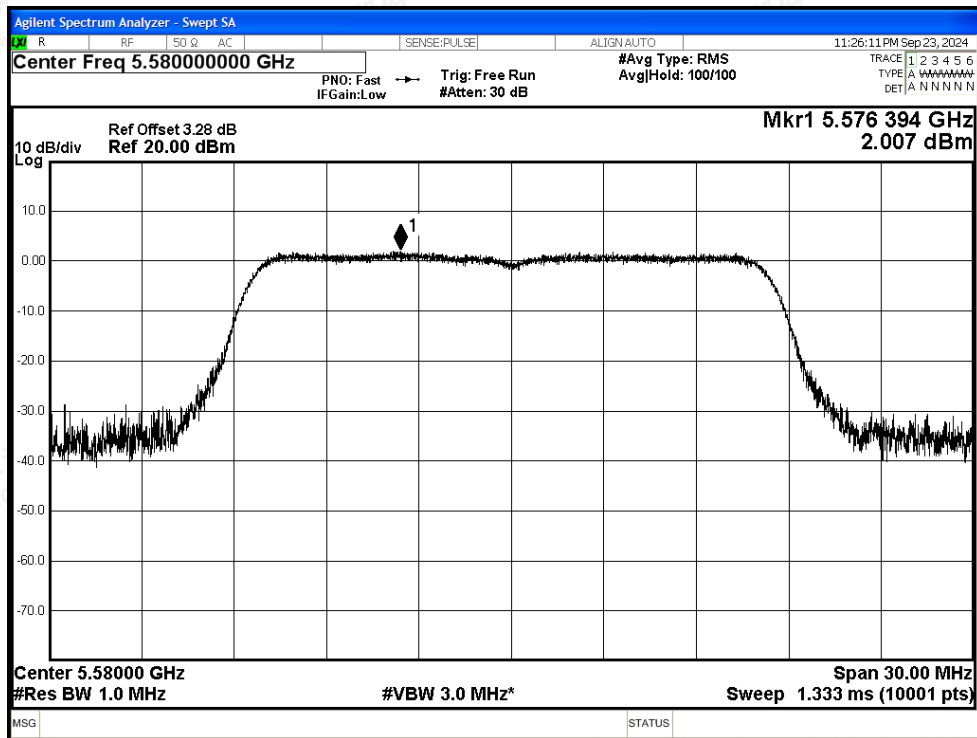


Test Graphs

PSD NVNT a 5500MHz Ant2

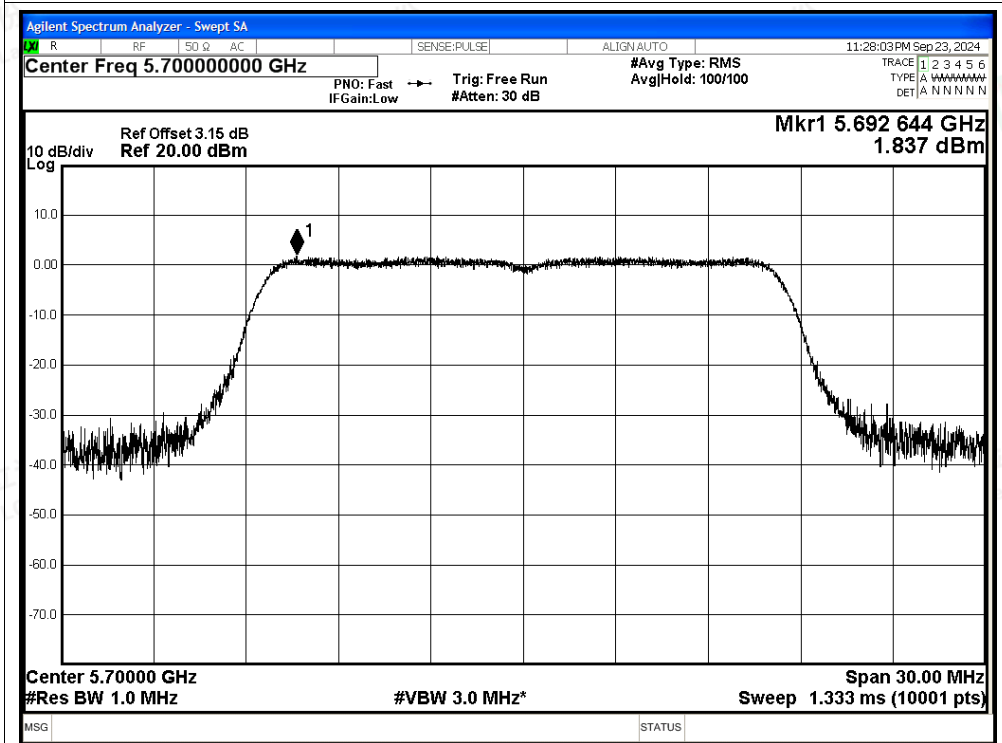


PSD NVNT a 5580MHz Ant2

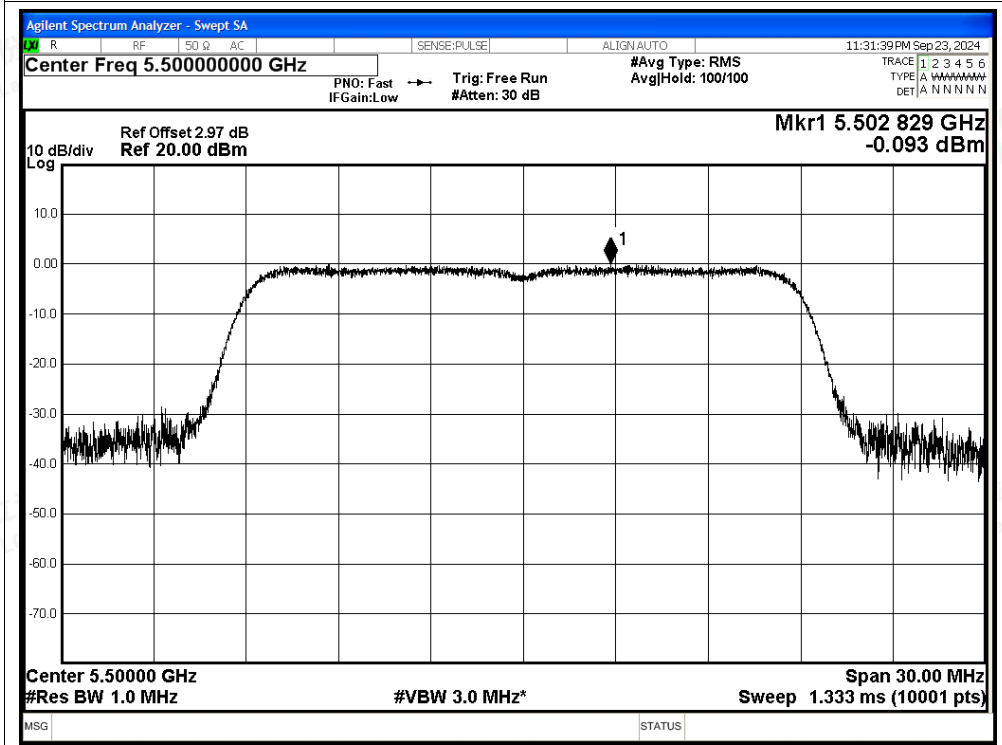


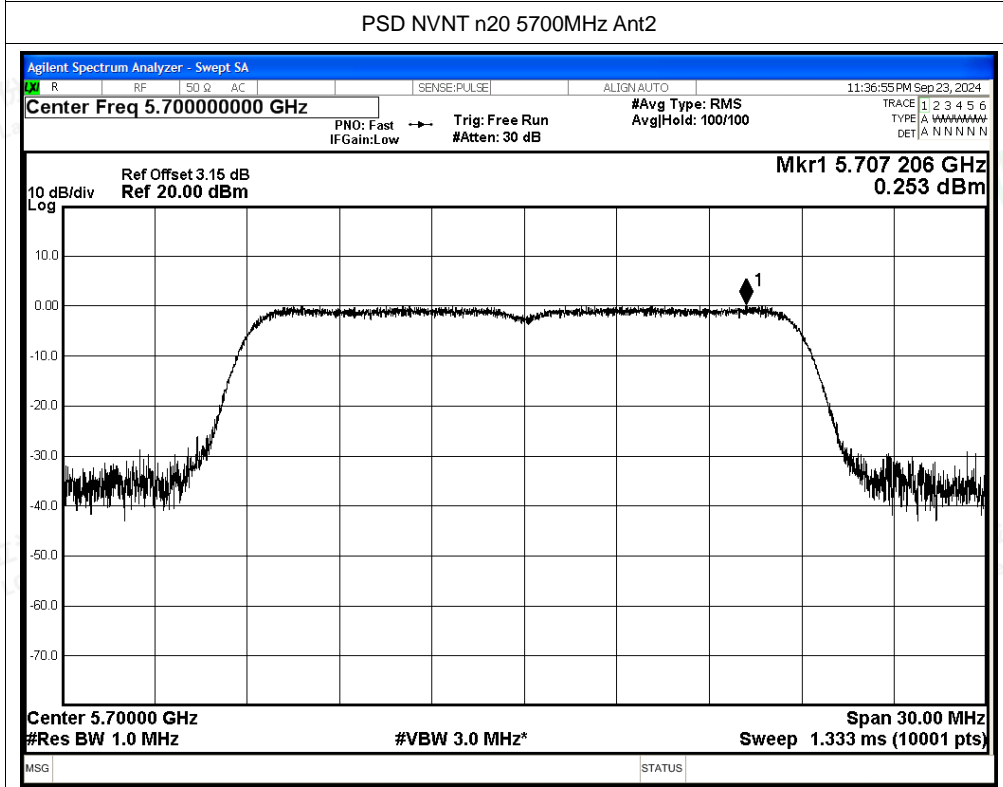
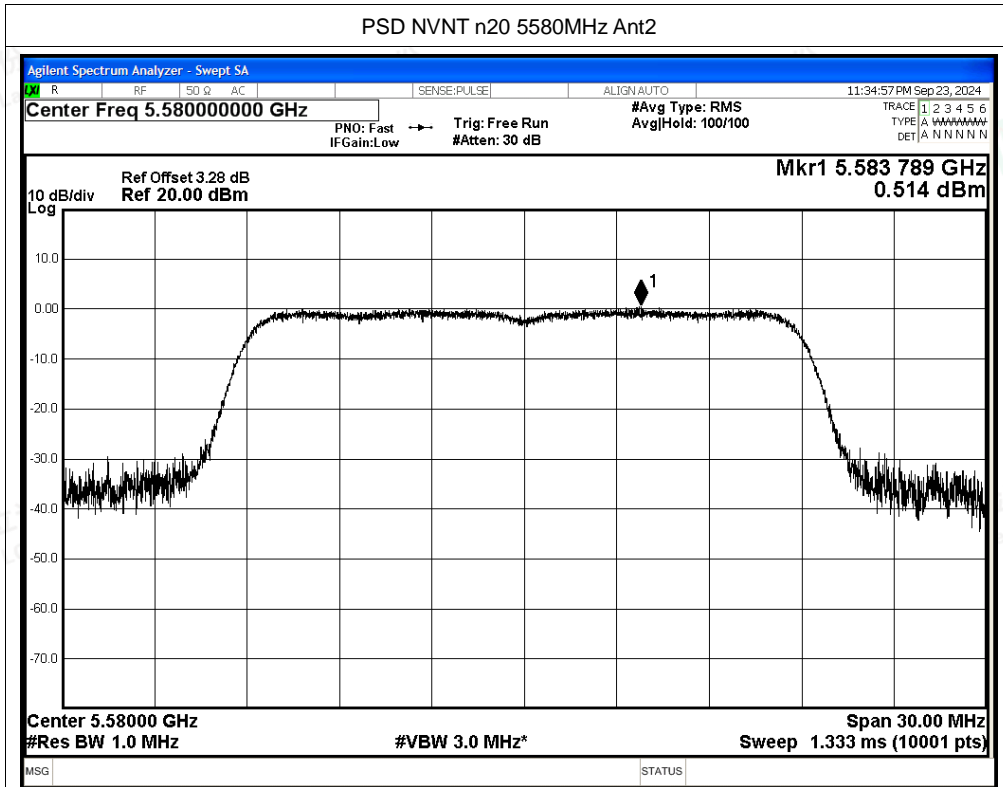


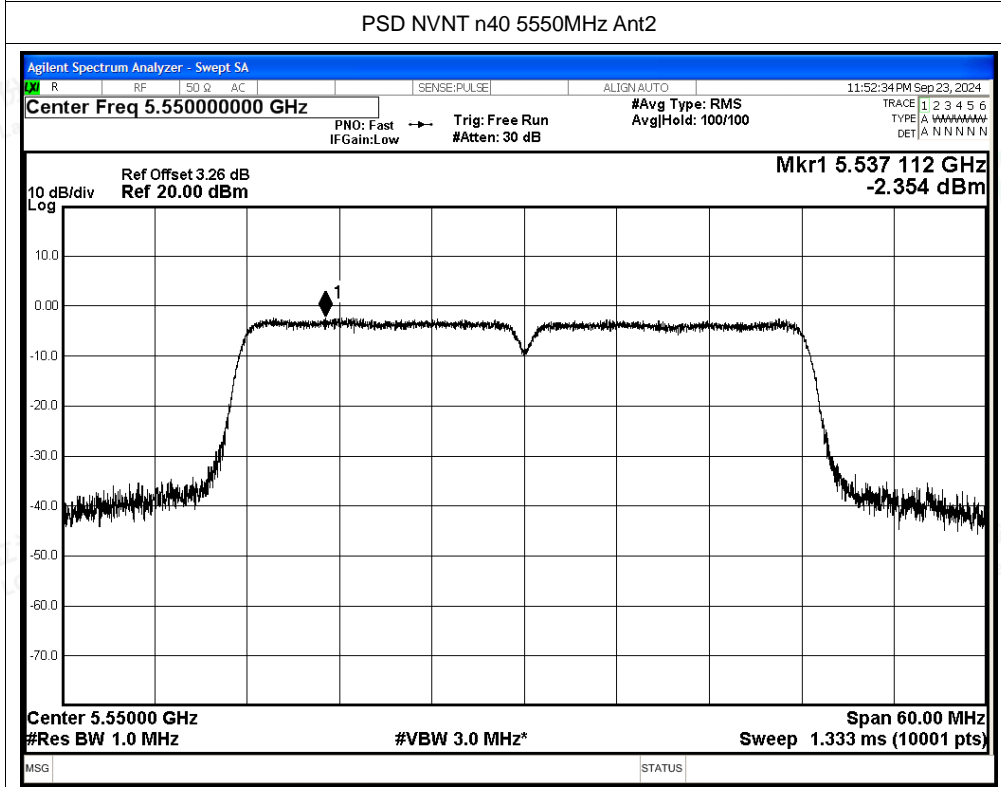
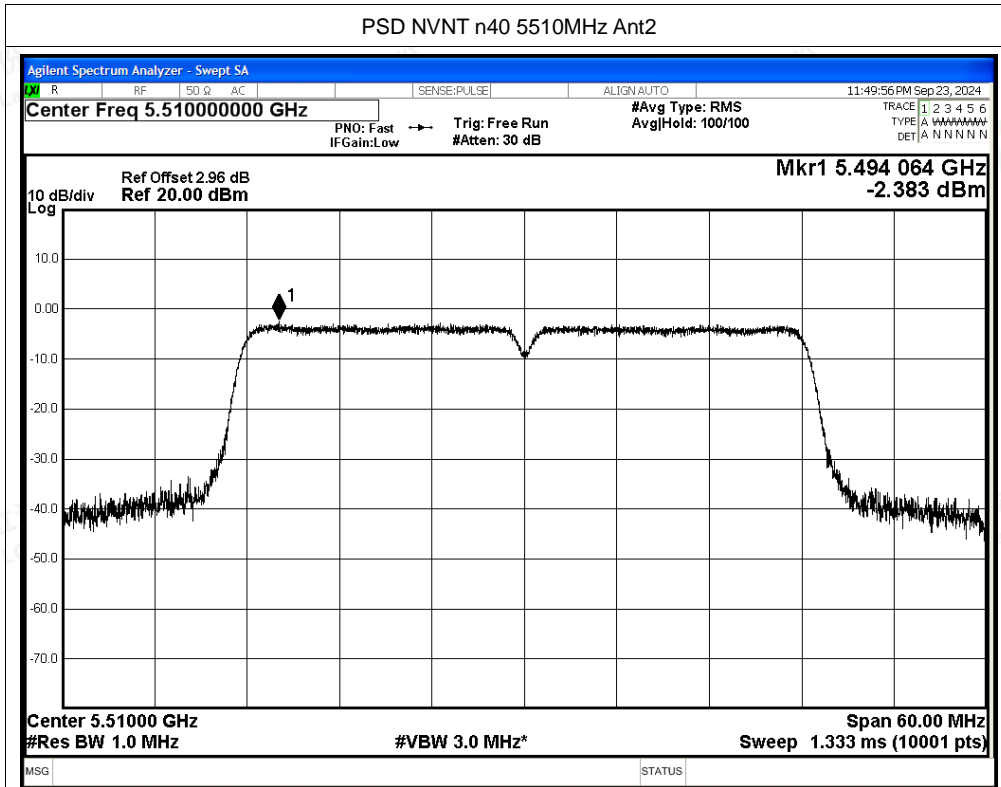
PSD NVNT a 5700MHz Ant2

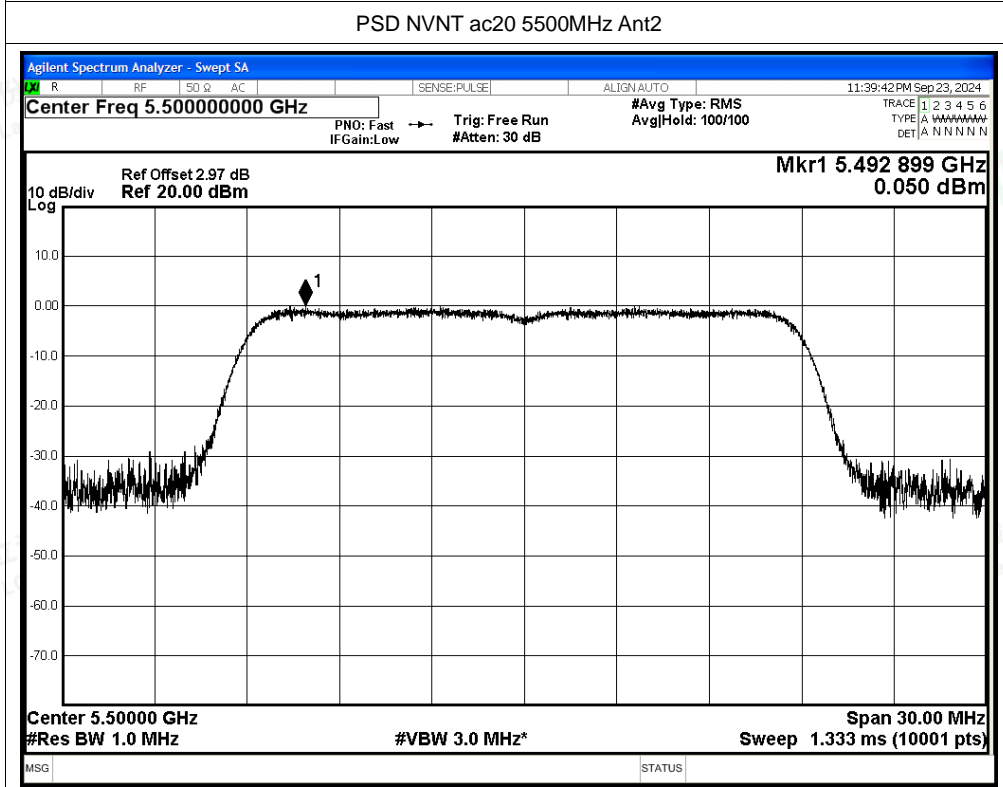
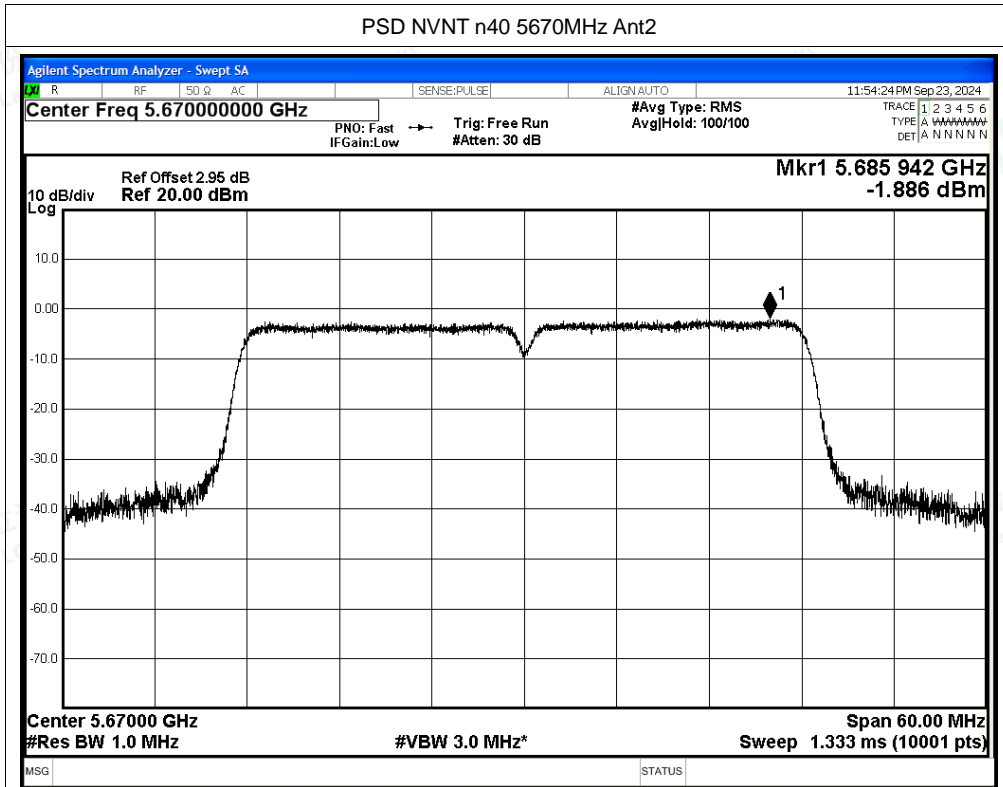


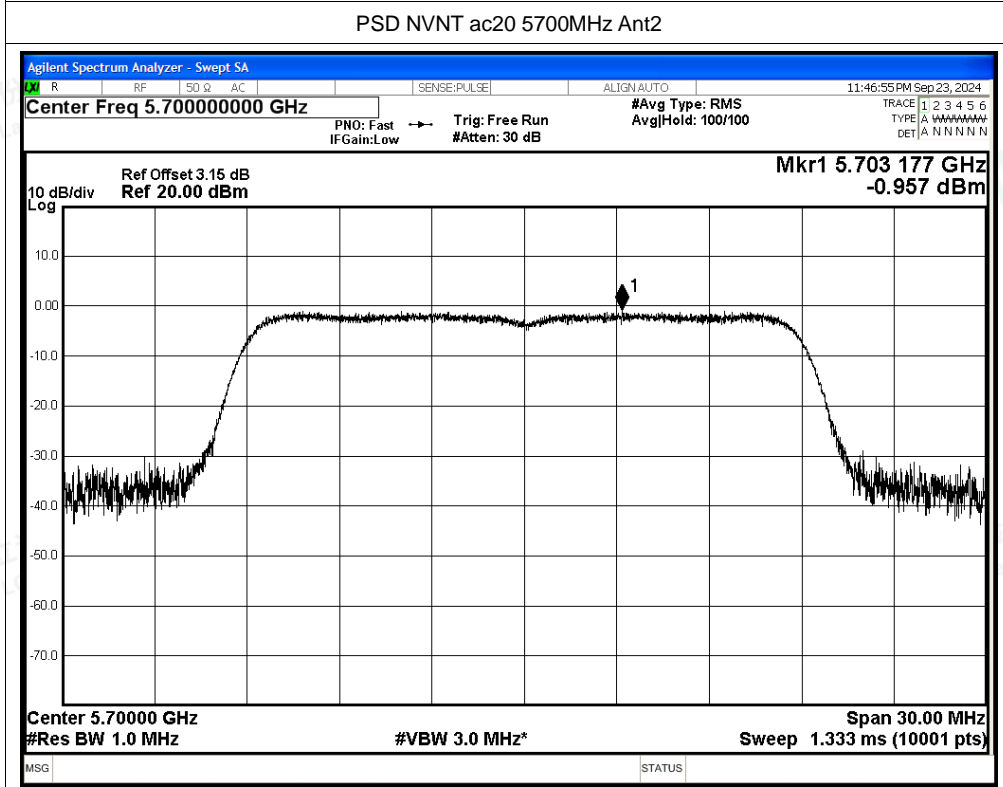
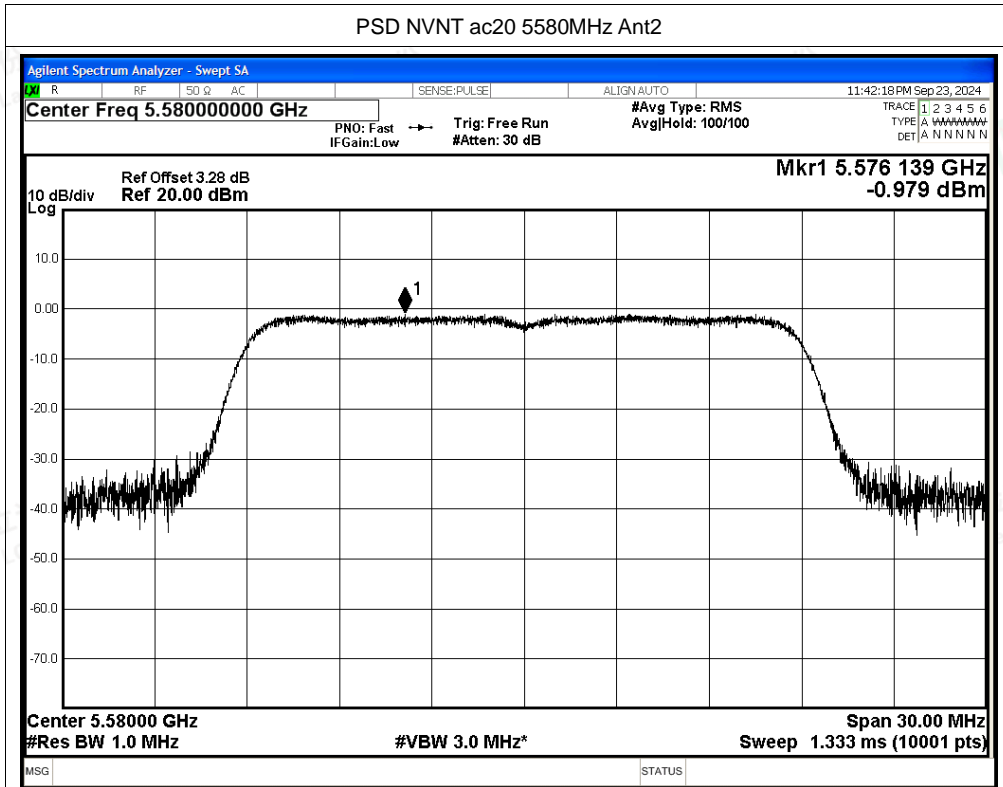
PSD NVNT n20 5500MHz Ant2

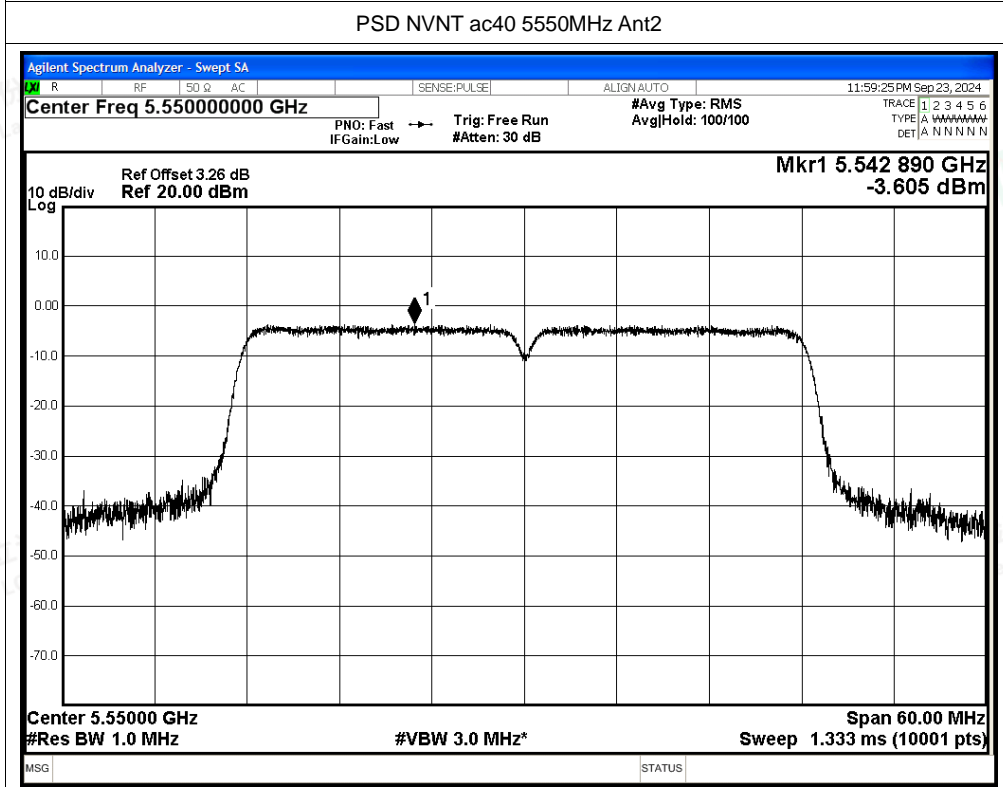
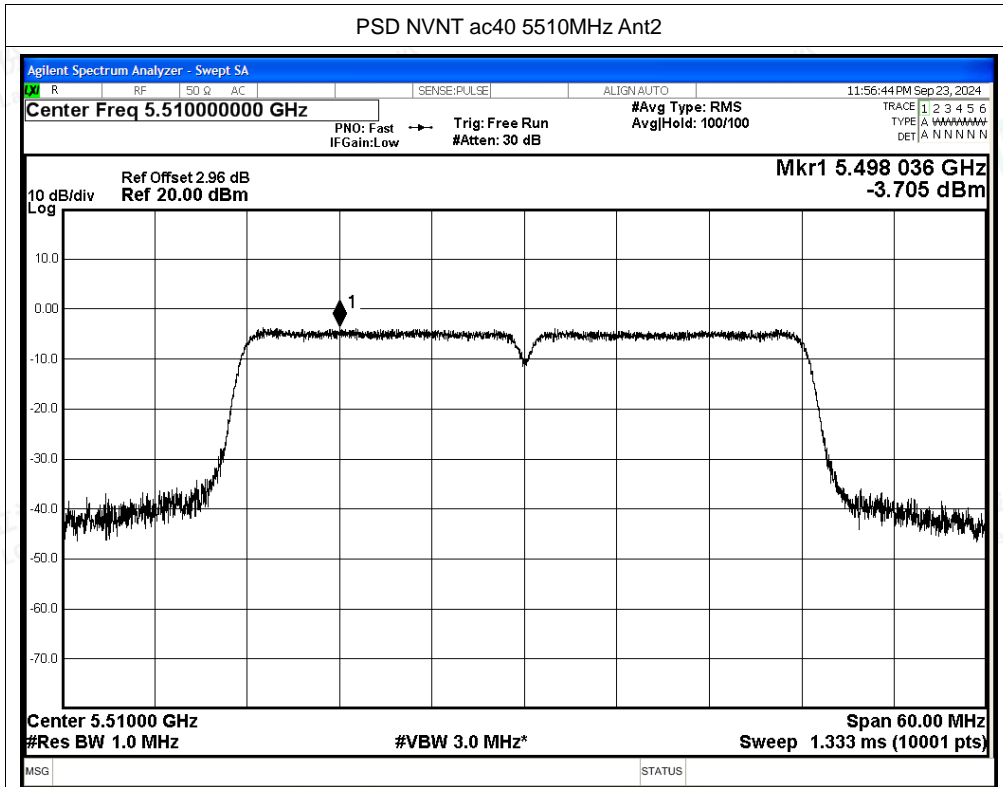






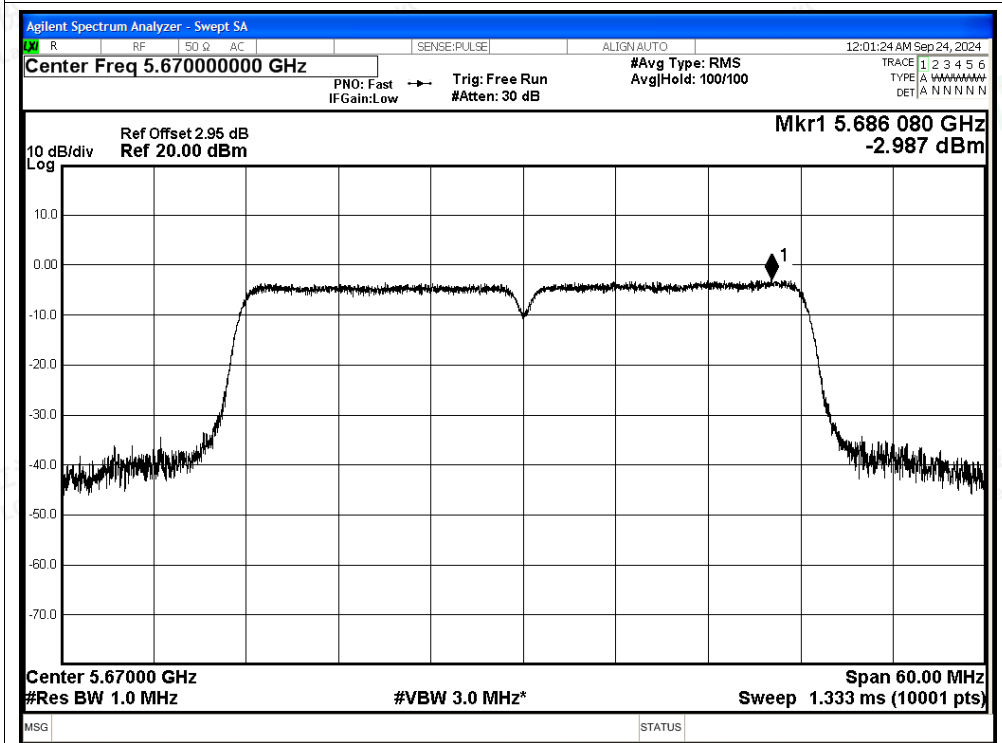




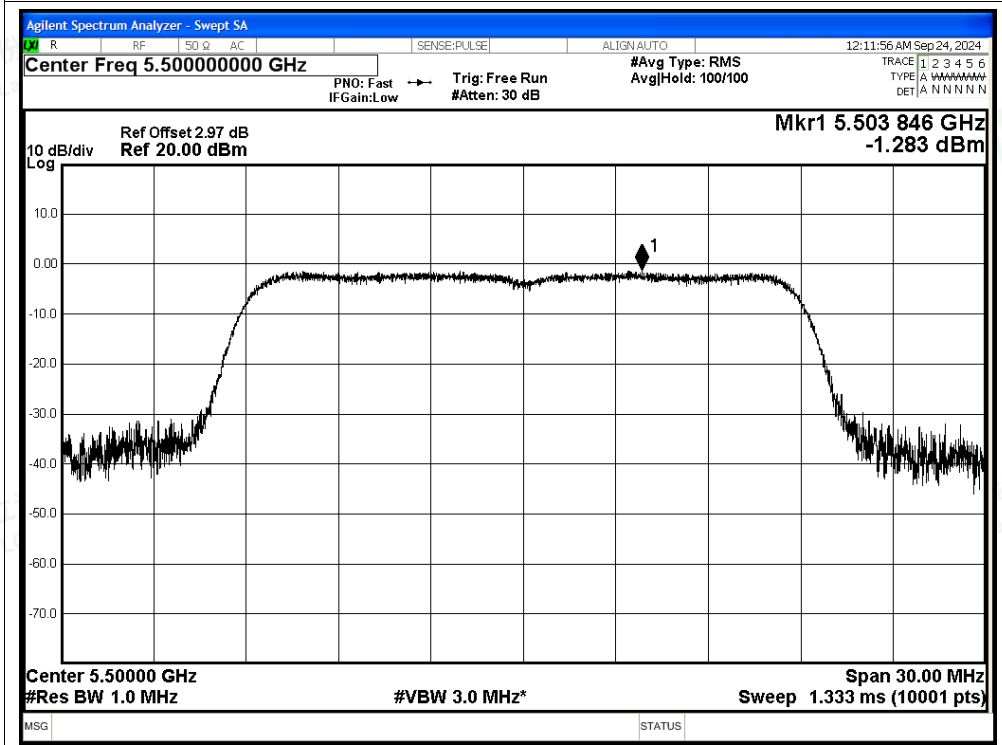


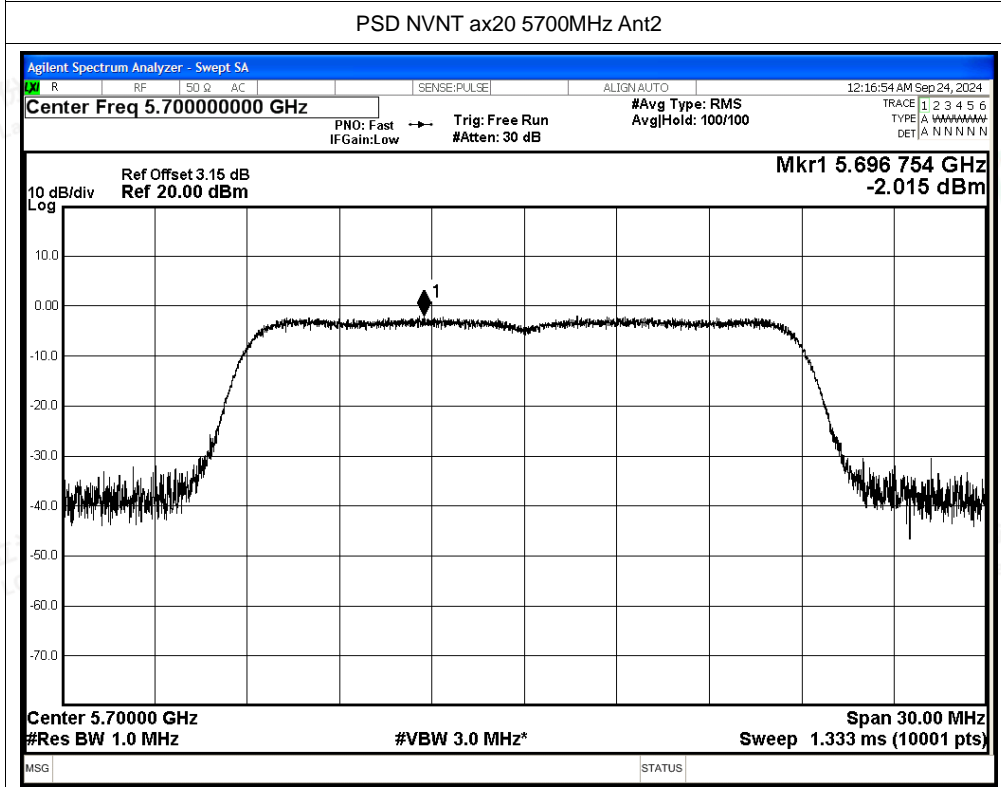
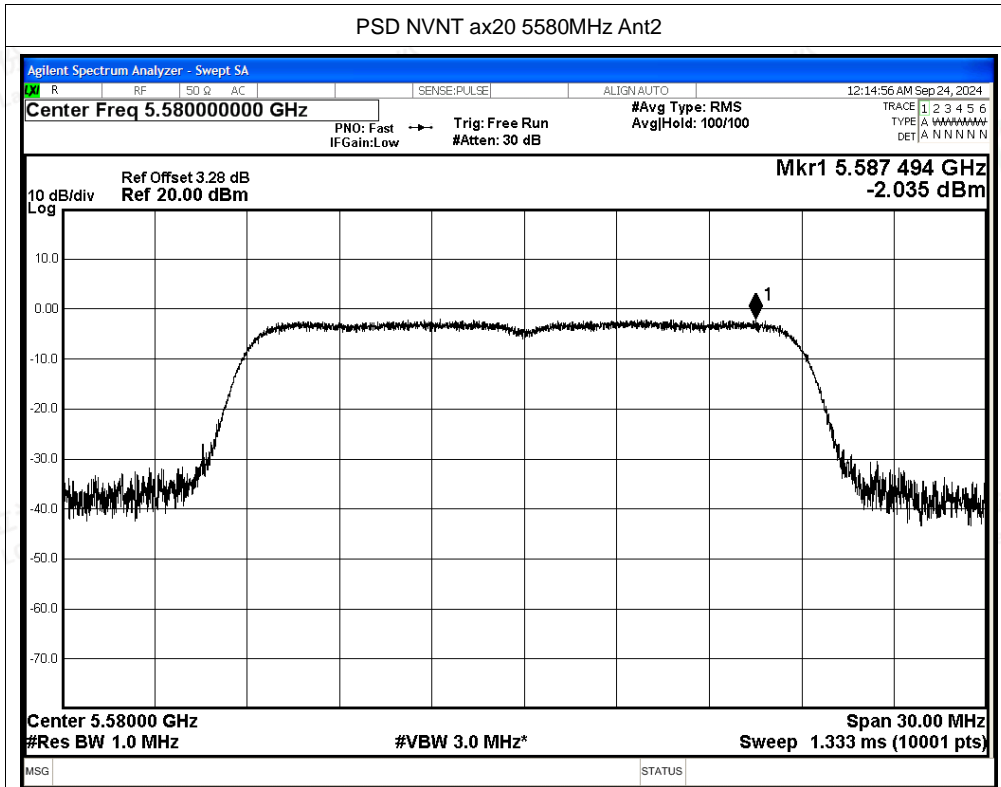


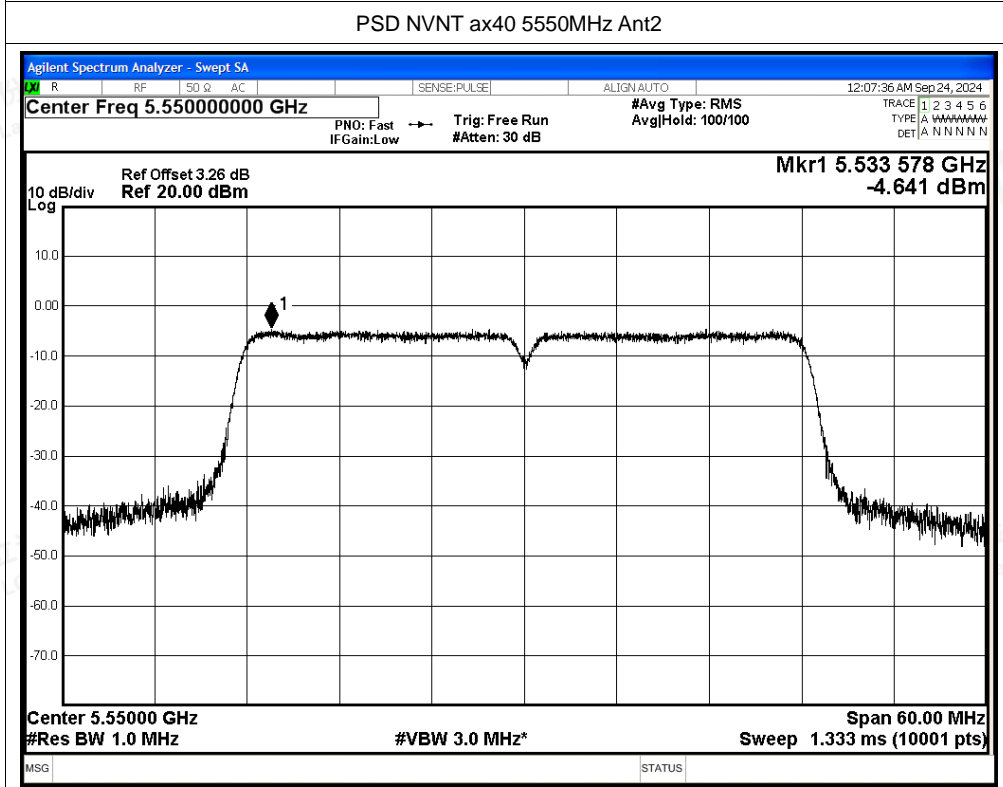
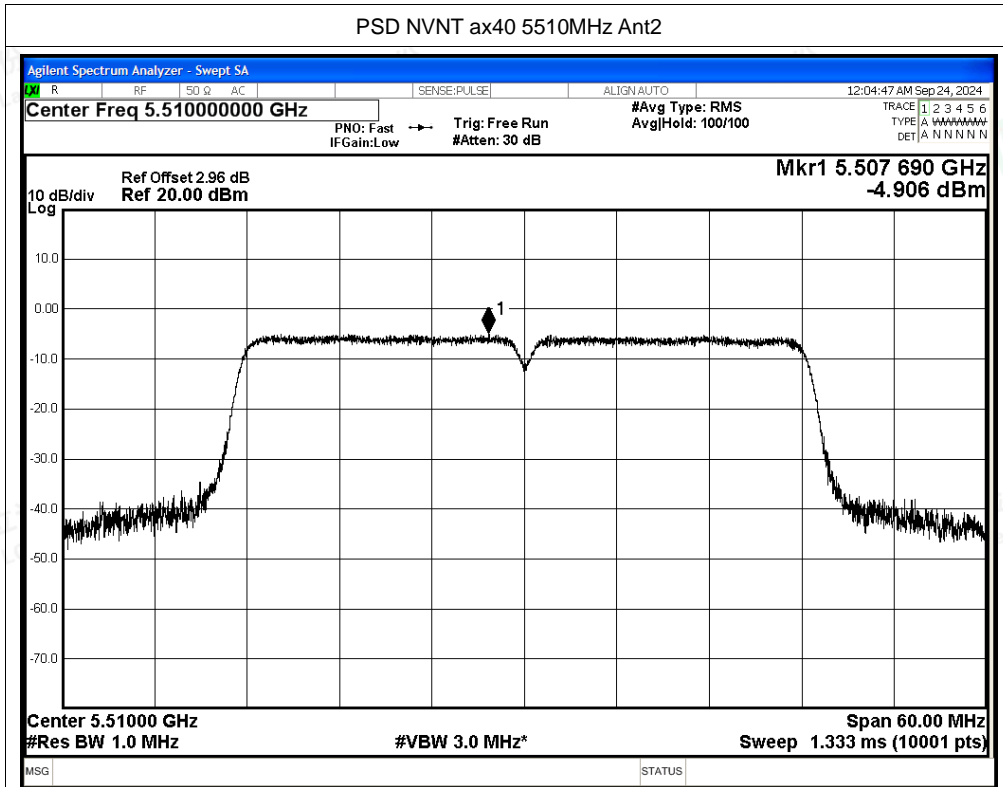
PSD NVNT ac40 5670MHz Ant2

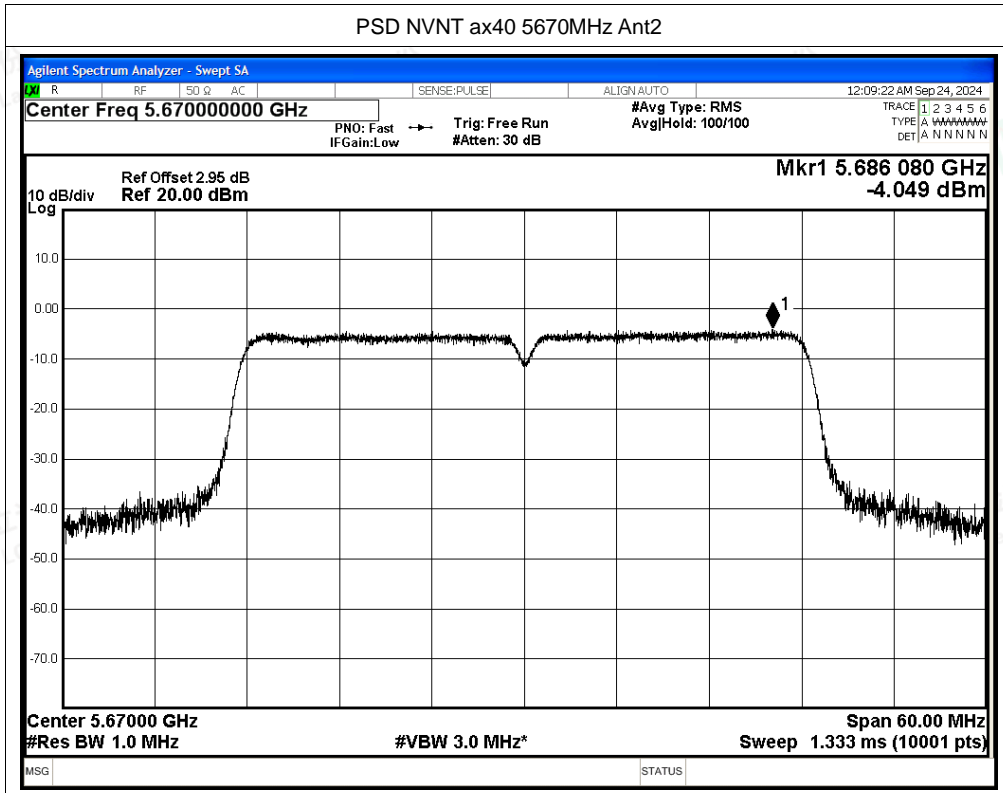


PSD NVNT ax20 5500MHz Ant2











F.4 Restrict Band

Condition	Mode	Frequency (MHz)	Antenna	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	Duty Factor (dB)	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
NVNT	a	5500	Ant2	5460	-49.19	2.82	-	48.86	Peak	68.2	Pass
NVNT	a	5500	Ant2	5460	-56.8	2.82	0.24	41.49	Average	54	Pass
NVNT	a	5500	Ant2	5467.8	-39.63	2.82	-	58.42	Peak	68.2	Pass
NVNT	a	5500	Ant2	5470	-53.1	2.82	0.24	45.19	Average	54	Pass
NVNT	a	5500	Ant2	5470	-41.29	2.82	-	56.76	Peak	68.2	Pass
NVNT	a	5700	Ant2	5725	-39.06	2.82	-	58.99	Peak	68.2	Pass
NVNT	a	5700	Ant2	5725	-52.75	2.82	0.24	45.54	Average	54	Pass
NVNT	a	5700	Ant2	5727.8	-38.16	2.82	-	59.89	Peak	68.2	Pass
NVNT	a	5700	Ant2	5735	-48.55	2.82	-	49.5	Peak	68.2	Pass
NVNT	a	5700	Ant2	5735	-57.45	2.82	0.24	40.84	Average	54	Pass
NVNT	n20	5500	Ant2	5460	-48.21	2.82	-	49.84	Peak	68.2	Pass
NVNT	n20	5500	Ant2	5460	-56.45	2.82	0.12	41.72	Average	54	Pass
NVNT	n20	5500	Ant2	5469.6	-36.92	2.82	-	61.13	Peak	68.2	Pass
NVNT	n20	5500	Ant2	5469.8	-52.99	2.82	0.12	45.18	Average	54	Pass
NVNT	n20	5500	Ant2	5470	-39.37	2.82	-	58.68	Peak	68.2	Pass
NVNT	n20	5500	Ant2	5470	-53.62	2.82	0.12	44.55	Average	54	Pass
NVNT	n20	5700	Ant2	5725	-39.12	2.82	-	58.93	Peak	68.2	Pass
NVNT	n20	5700	Ant2	5725	-53.74	2.82	0.12	44.43	Average	54	Pass
NVNT	n20	5700	Ant2	5725.2	-38.26	2.82	-	59.79	Peak	68.2	Pass
NVNT	n20	5700	Ant2	5726.8	-52.38	2.82	0.12	45.79	Average	54	Pass
NVNT	n20	5700	Ant2	5735	-48.72	2.82	-	49.33	Peak	68.2	Pass
NVNT	n20	5700	Ant2	5735	-56.95	2.82	0.12	41.22	Average	54	Pass
NVNT	n40	5510	Ant2	5460	-49.04	2.82	-	49.01	Peak	68.2	Pass
NVNT	n40	5510	Ant2	5460	-57.37	2.82	0.12	40.8	Average	54	Pass
NVNT	n40	5510	Ant2	5466.8	-39.1	2.82	-	58.95	Peak	68.2	Pass
NVNT	n40	5510	Ant2	5468	-53.67	2.82	0.12	44.5	Average	54	Pass
NVNT	n40	5510	Ant2	5470	-41	2.82	-	57.05	Peak	68.2	Pass
NVNT	n40	5510	Ant2	5470	-54.02	2.82	0.12	44.15	Average	54	Pass
NVNT	n40	5670	Ant2	5725	-46.1	2.82	-	51.95	Peak	68.2	Pass
NVNT	n40	5670	Ant2	5725	-53.8	2.82	0.12	44.37	Average	54	Pass
NVNT	n40	5670	Ant2	5728	-44.3	2.82	-	53.75	Peak	68.2	Pass
NVNT	n40	5670	Ant2	5735	-47.91	2.82	-	50.14	Peak	68.2	Pass
NVNT	n40	5670	Ant2	5735	-55.47	2.82	0.12	42.7	Average	54	Pass
NVNT	ac20	5500	Ant2	5460	-49.24	2.82	-	48.81	Peak	68.2	Pass
NVNT	ac20	5500	Ant2	5460	-57.02	2.82	0.12	41.15	Average	54	Pass
NVNT	ac20	5500	Ant2	5468.4	-40.65	2.82	-	57.4	Peak	68.2	Pass



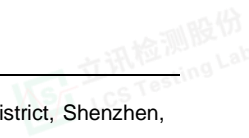
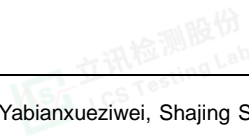


NVNT	ac20	5500	Ant2	5469.8	-54.3	2.82	0.12	43.87	Average	54	Pass
NVNT	ac20	5500	Ant2	5470	-44.25	2.82	-	53.8	Peak	68.2	Pass
NVNT	ac20	5500	Ant2	5470	-55.18	2.82	0.12	42.99	Average	54	Pass
NVNT	ac20	5700	Ant2	5725	-40.2	2.82	-	57.85	Peak	68.2	Pass
NVNT	ac20	5700	Ant2	5725	-54.03	2.82	0.12	44.14	Average	54	Pass
NVNT	ac20	5700	Ant2	5726.8	-38.93	2.82	-	59.12	Peak	68.2	Pass
NVNT	ac20	5700	Ant2	5726.4	-53.26	2.82	0.12	44.91	Average	54	Pass
NVNT	ac20	5700	Ant2	5735	-48.54	2.82	-	49.51	Peak	68.2	Pass
NVNT	ac20	5700	Ant2	5735	-57.08	2.82	0.12	41.09	Average	54	Pass
NVNT	ac40	5510	Ant2	5460	-49.07	2.82	-	48.98	Peak	68.2	Pass
NVNT	ac40	5510	Ant2	5460	-56.61	2.82	0.12	41.56	Average	54	Pass
NVNT	ac40	5510	Ant2	5469.2	-36.59	2.82	-	61.46	Peak	68.2	Pass
NVNT	ac40	5510	Ant2	5469.6	-53.09	2.82	0.12	45.08	Average	54	Pass
NVNT	ac40	5510	Ant2	5470	-41.27	2.82	-	56.78	Peak	68.2	Pass
NVNT	ac40	5510	Ant2	5470	-53.32	2.82	0.12	44.85	Average	54	Pass
NVNT	ac40	5670	Ant2	5725	-46.01	2.82	-	52.04	Peak	68.2	Pass
NVNT	ac40	5670	Ant2	5725	-54.99	2.82	0.12	43.18	Average	54	Pass
NVNT	ac40	5670	Ant2	5727.4	-45.08	2.82	-	52.97	Peak	68.2	Pass
NVNT	ac40	5670	Ant2	5727	-54.96	2.82	0.12	43.21	Average	54	Pass
NVNT	ac40	5670	Ant2	5735	-47.61	2.82	-	50.44	Peak	68.2	Pass
NVNT	ac40	5670	Ant2	5735	-56.44	2.82	0.12	41.73	Average	54	Pass
NVNT	ax20	5500	Ant2	5460	-48.6	2.82	-	49.45	Peak	68.2	Pass
NVNT	ax20	5500	Ant2	5460	-56.48	2.82	0.12	41.69	Average	54	Pass
NVNT	ax20	5500	Ant2	5468.6	-40.64	2.82	-	57.41	Peak	68.2	Pass
NVNT	ax20	5500	Ant2	5469.8	-53.31	2.82	0.12	44.86	Average	54	Pass
NVNT	ax20	5500	Ant2	5470	-41.13	2.82	-	56.92	Peak	68.2	Pass
NVNT	ax20	5500	Ant2	5470	-53.65	2.82	0.12	44.52	Average	54	Pass
NVNT	ax20	5700	Ant2	5725	-38.9	2.82	-	59.15	Peak	68.2	Pass
NVNT	ax20	5700	Ant2	5725	-54.64	2.82	0.12	43.53	Average	54	Pass
NVNT	ax20	5700	Ant2	5725.6	-53.17	2.82	0.12	45	Average	54	Pass
NVNT	ax20	5700	Ant2	5735	-50.43	2.82	-	47.62	Peak	68.2	Pass
NVNT	ax20	5700	Ant2	5735	-56.89	2.82	0.12	41.28	Average	54	Pass
NVNT	ax40	5510	Ant2	5460	-47.81	2.82	-	50.24	Peak	68.2	Pass
NVNT	ax40	5510	Ant2	5460	-56.73	2.82	0.12	41.44	Average	54	Pass
NVNT	ax40	5510	Ant2	5469.8	-41.87	2.82	-	56.18	Peak	68.2	Pass
NVNT	ax40	5510	Ant2	5469	-53.2	2.82	0.12	44.97	Average	54	Pass
NVNT	ax40	5510	Ant2	5470	-42.35	2.82	-	55.7	Peak	68.2	Pass
NVNT	ax40	5510	Ant2	5470	-53.78	2.82	0.12	44.39	Average	54	Pass
NVNT	ax40	5670	Ant2	5725	-47.15	2.82	-	50.9	Peak	68.2	Pass
NVNT	ax40	5670	Ant2	5725	-56.28	2.82	0.12	41.89	Average	54	Pass
NVNT	ax40	5670	Ant2	5727.8	-46.76	2.82	-	51.29	Peak	68.2	Pass





NVNT	ax40	5670	Ant2	5725.4	-55.52	2.82	0.12	42.65	Average	54	Pass
NVNT	ax40	5670	Ant2	5735	-49.63	2.82	-	48.42	Peak	68.2	Pass
NVNT	ax40	5670	Ant2	5735	-56.5	2.82	0.12	41.67	Average	54	Pass

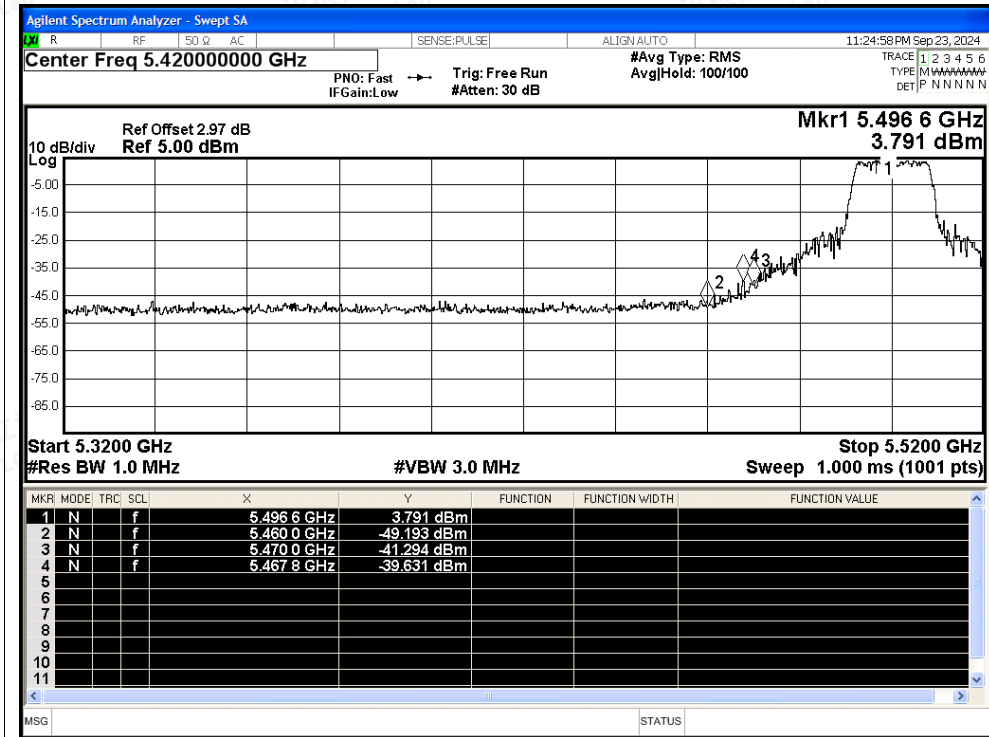


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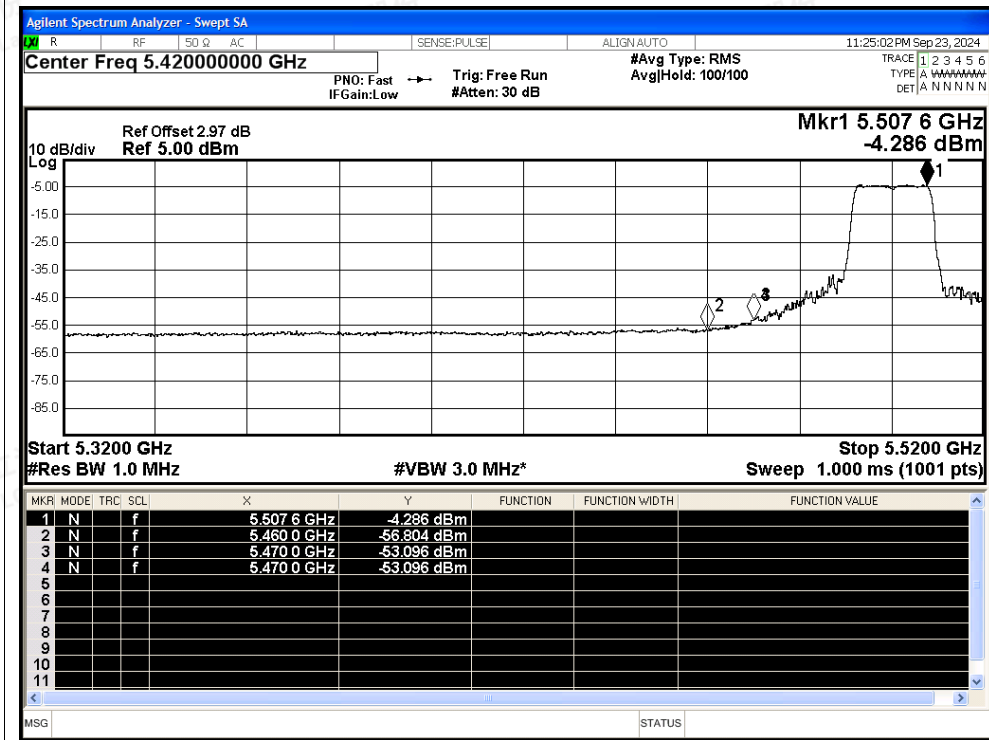


Test Graphs

Restrict Band NVNT a 5500MHz Ant2 Peak

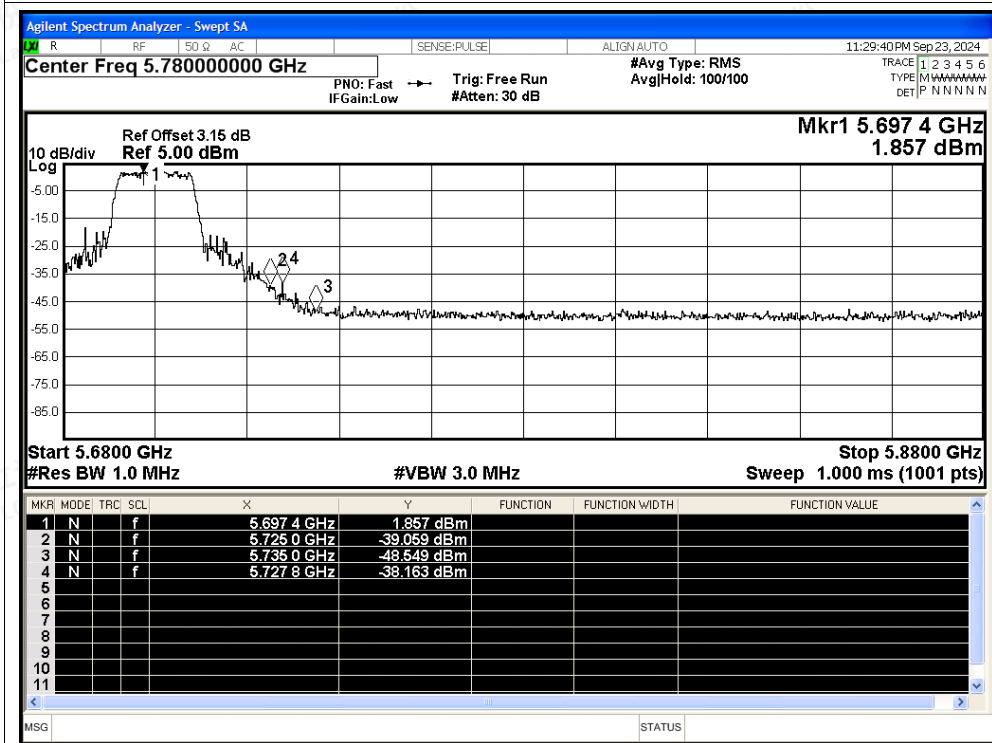


Restrict Band NVNT a 5500MHz Ant2 Average

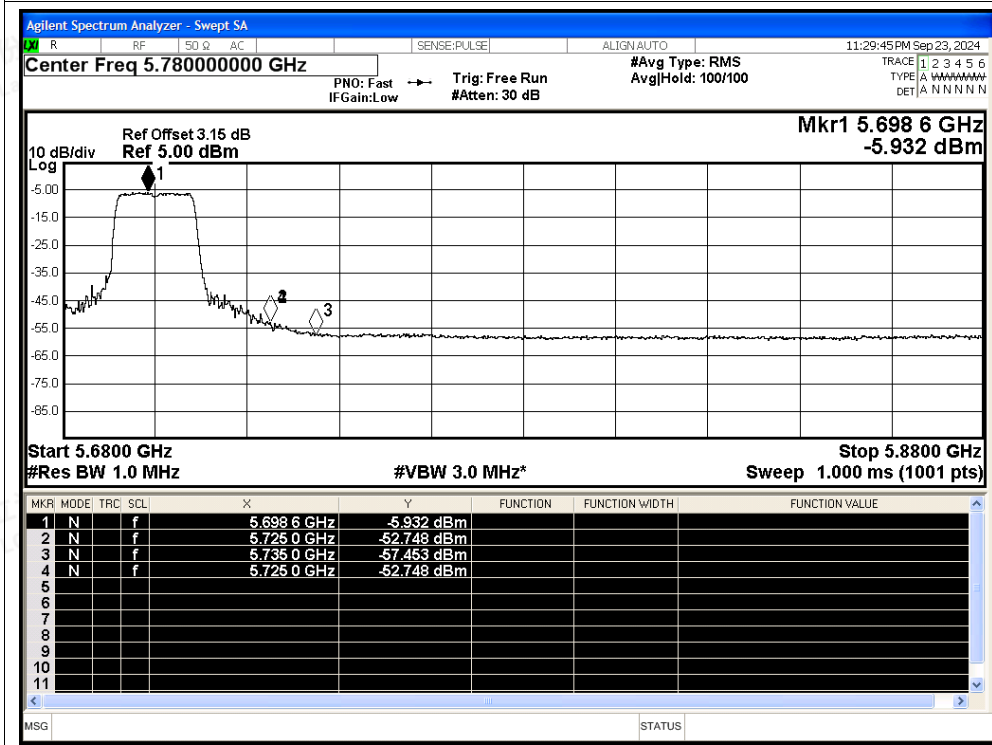




Restrict Band NVNT a 5700MHz Ant2 Peak



Restrict Band NVNT a 5700MHz Ant2 Average

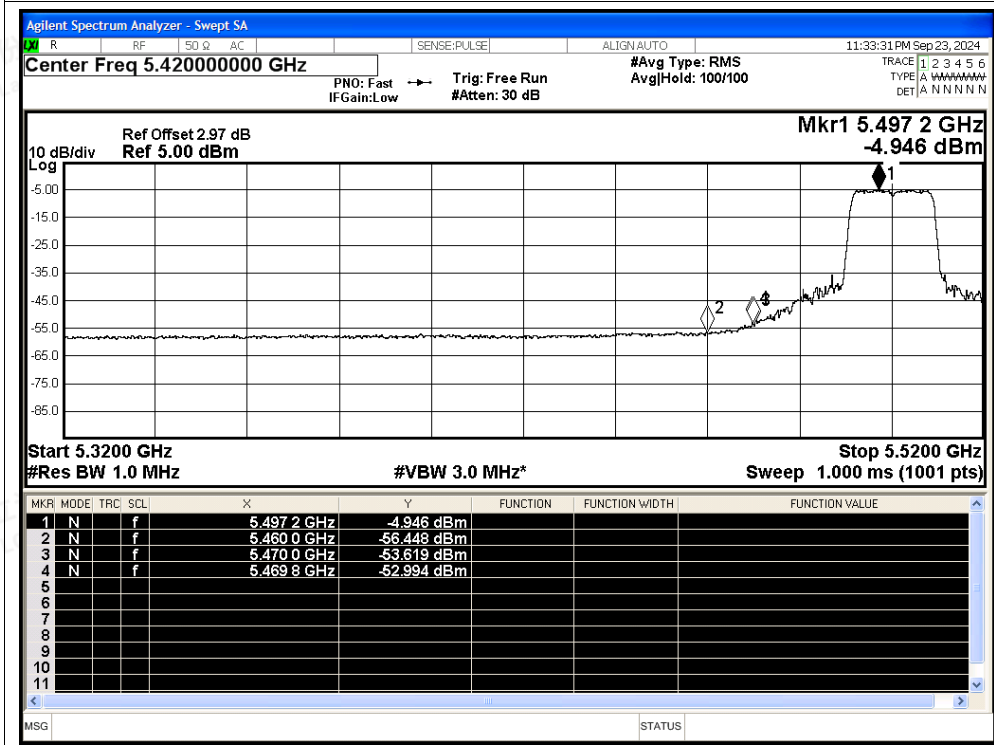




Restrict Band NVNT n20 5500MHz Ant2 Peak

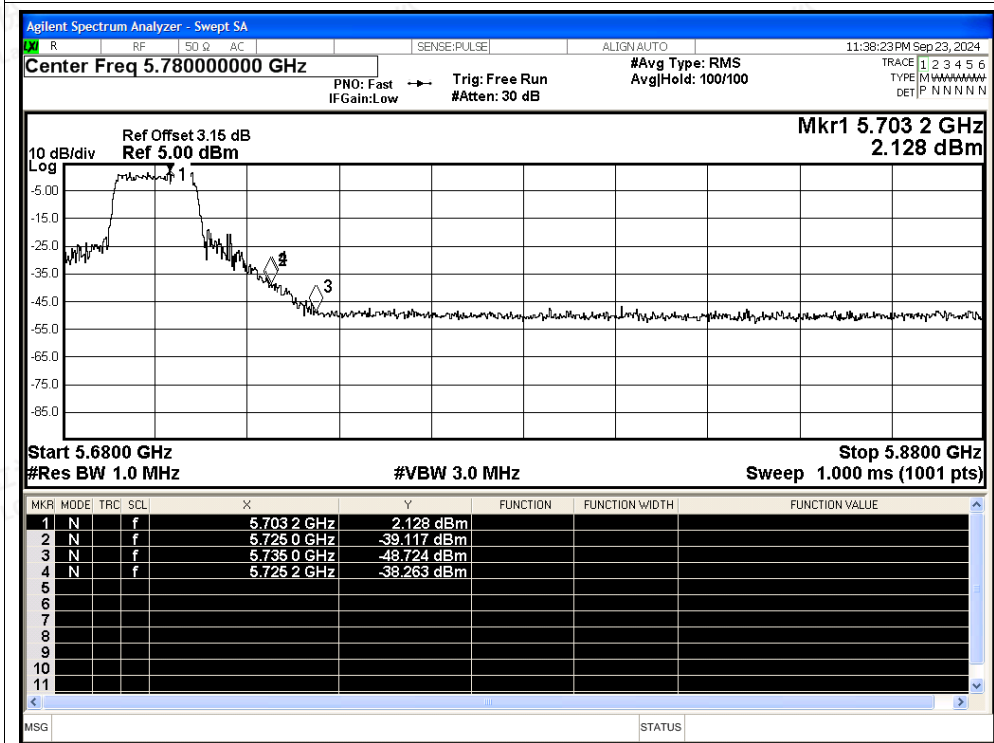


Restrict Band NVNT n20 5500MHz Ant2 Average

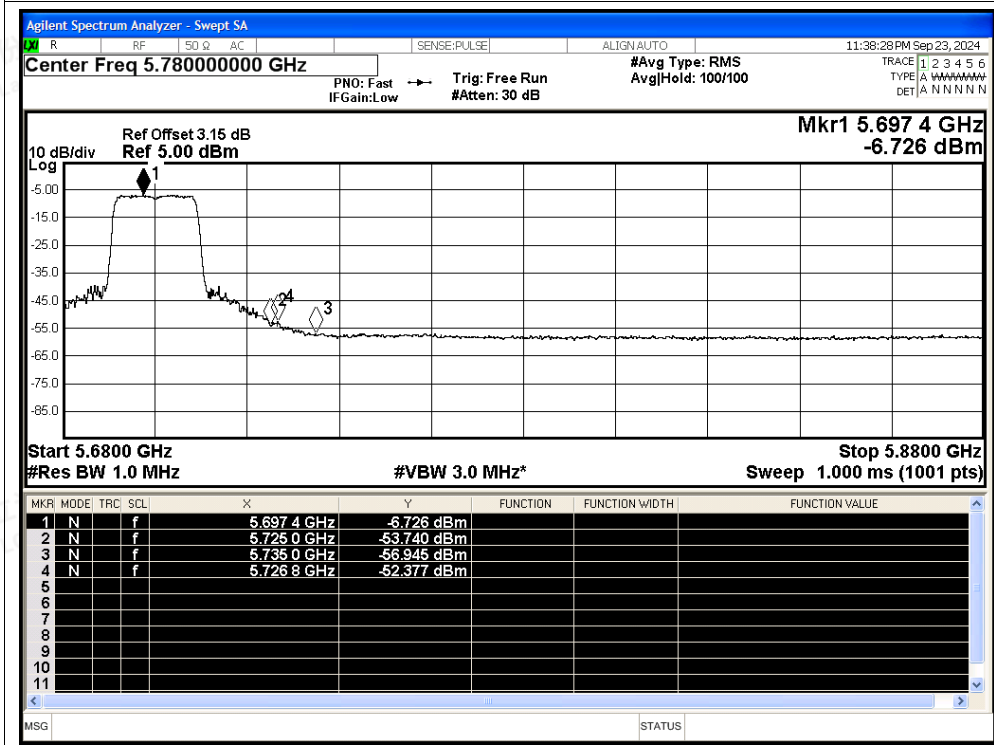




Restrict Band NVNT n20 5700MHz Ant2 Peak

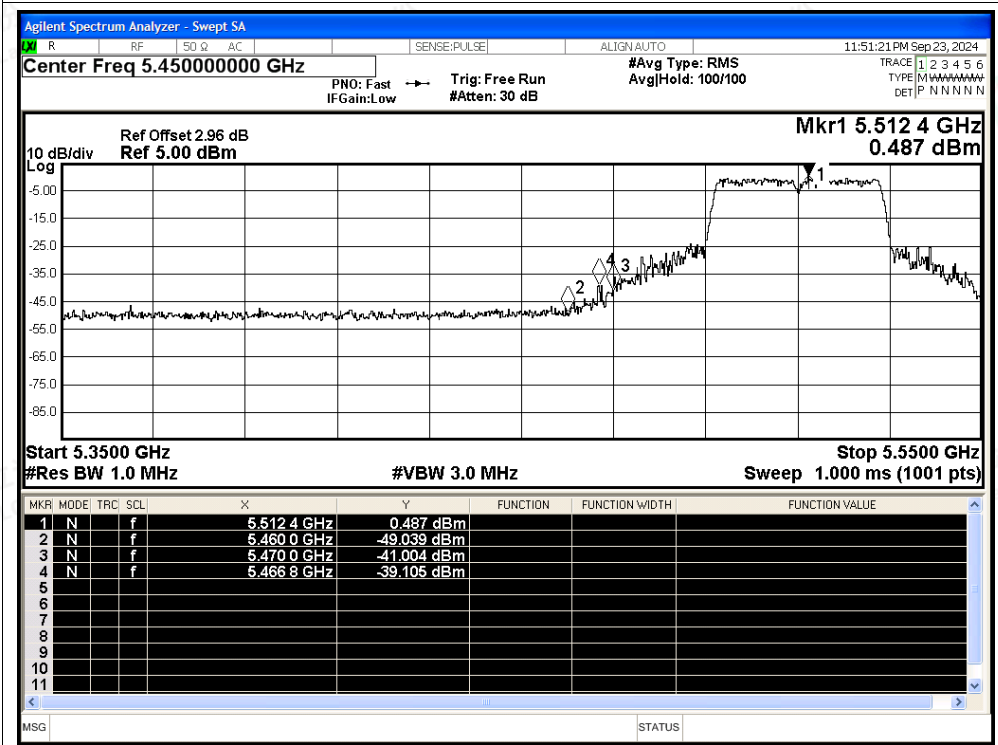


Restrict Band NVNT n20 5700MHz Ant2 Average

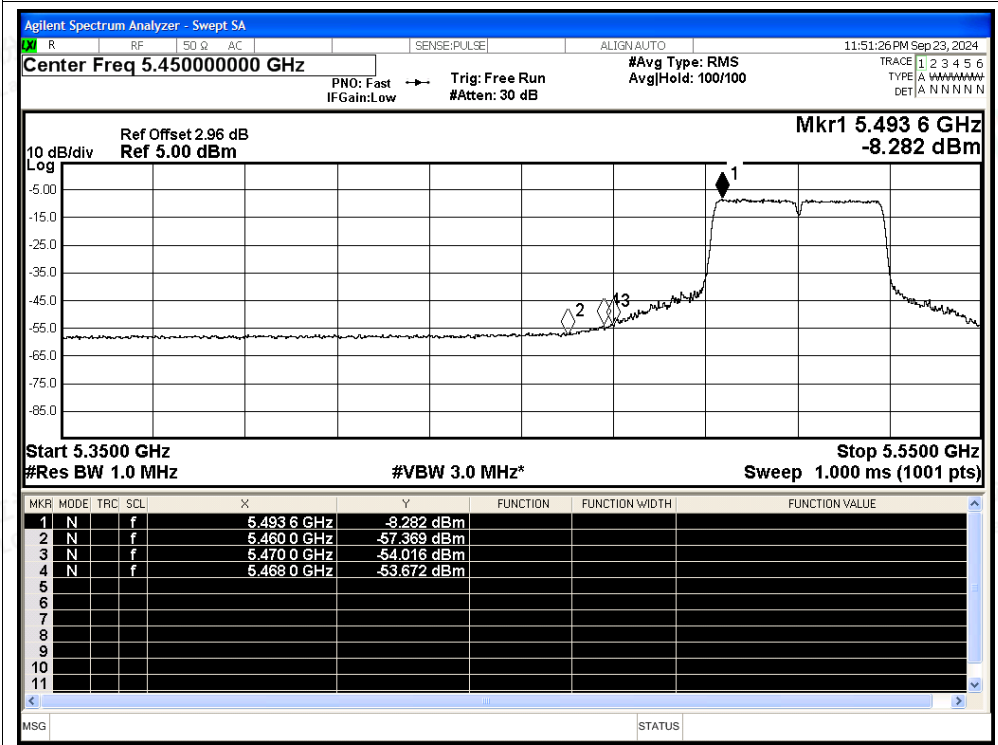




Restrict Band NVNT n40 5510MHz Ant2 Peak

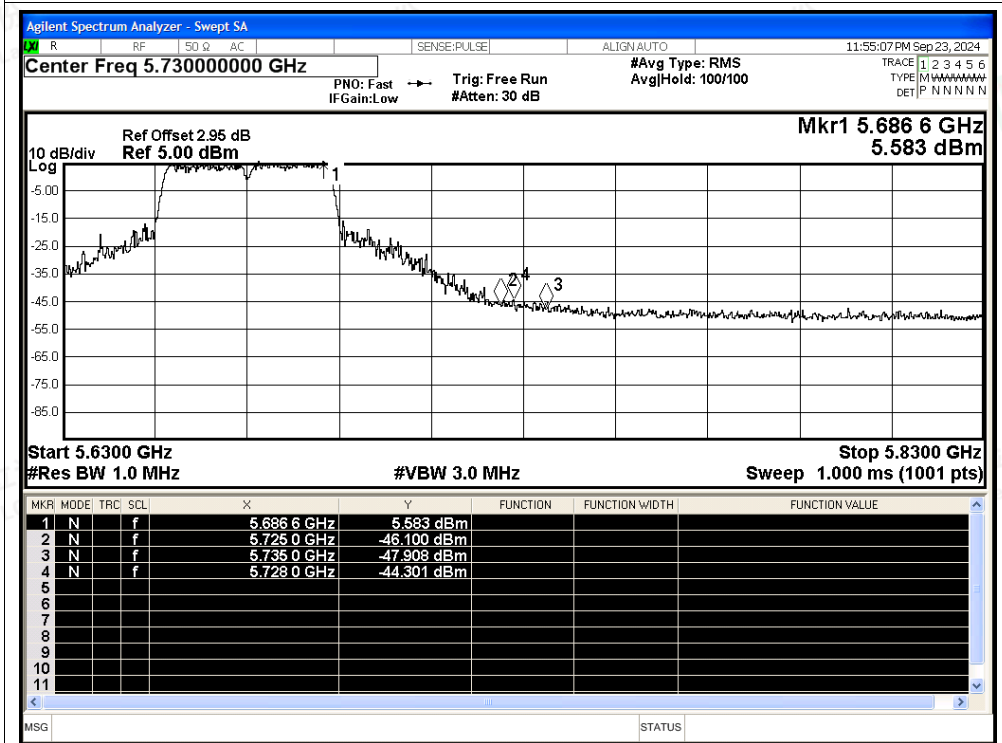


Restrict Band NVNT n40 5510MHz Ant2 Average

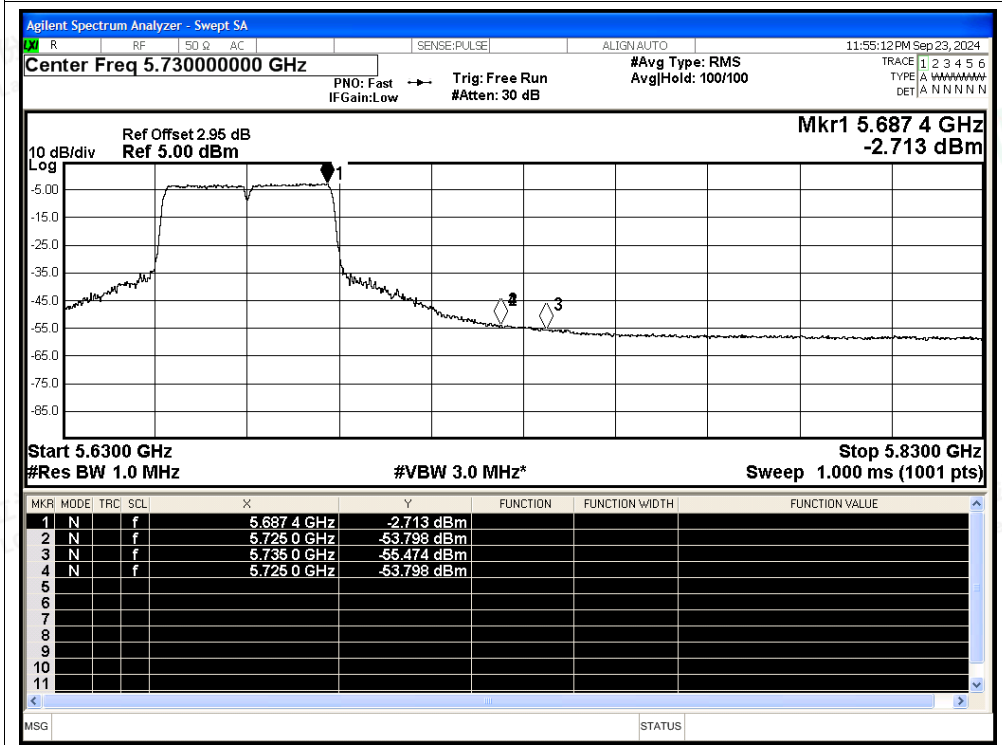


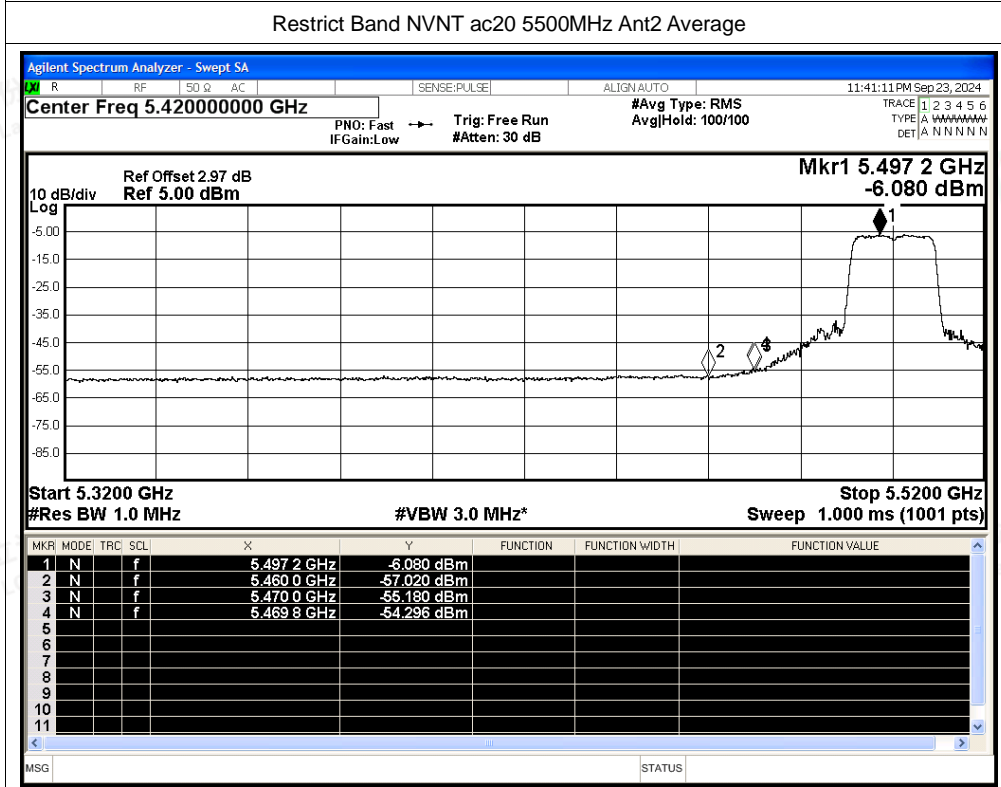
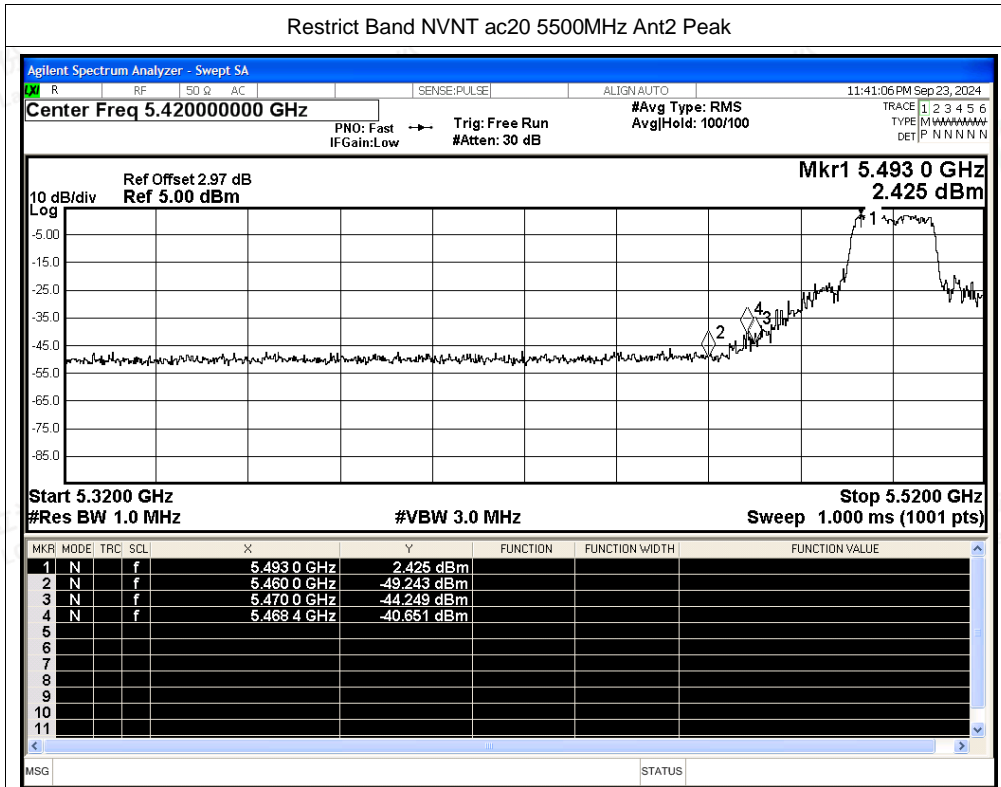


Restrict Band NVNT n40 5670MHz Ant2 Peak



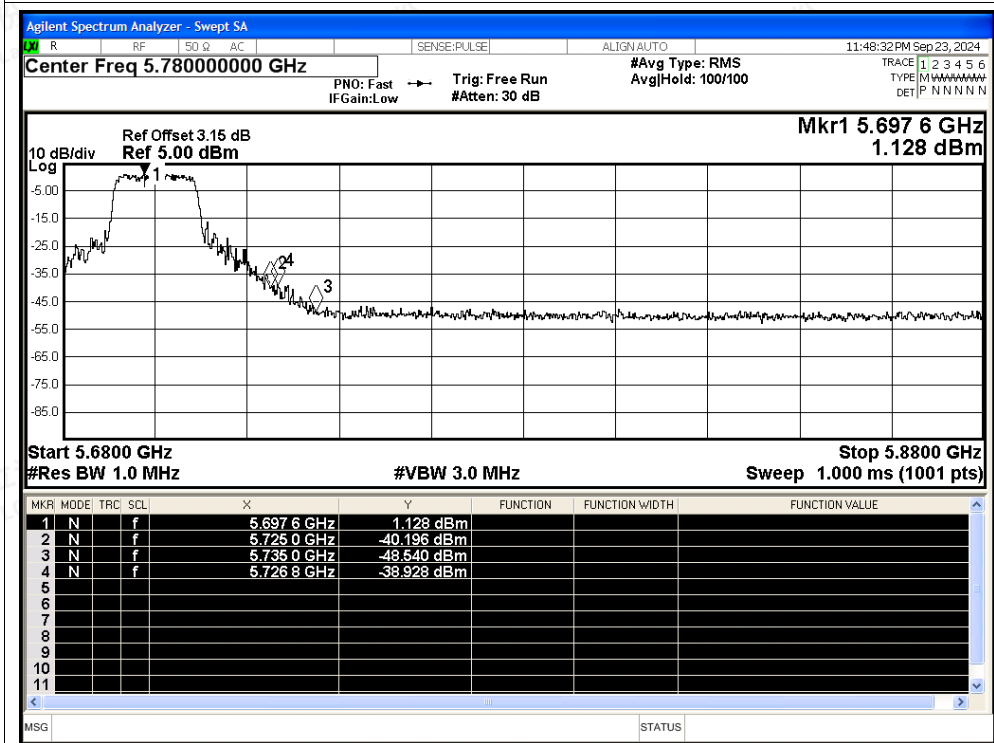
Restrict Band NVNT n40 5670MHz Ant2 Average



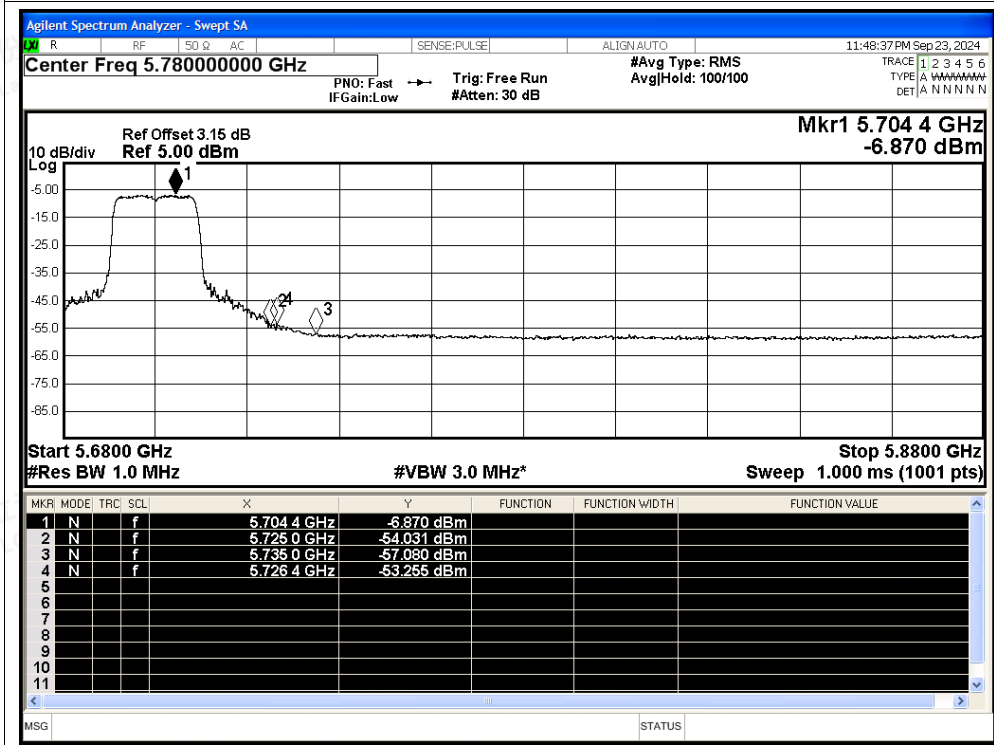




Restrict Band NVNT ac20 5700MHz Ant2 Peak

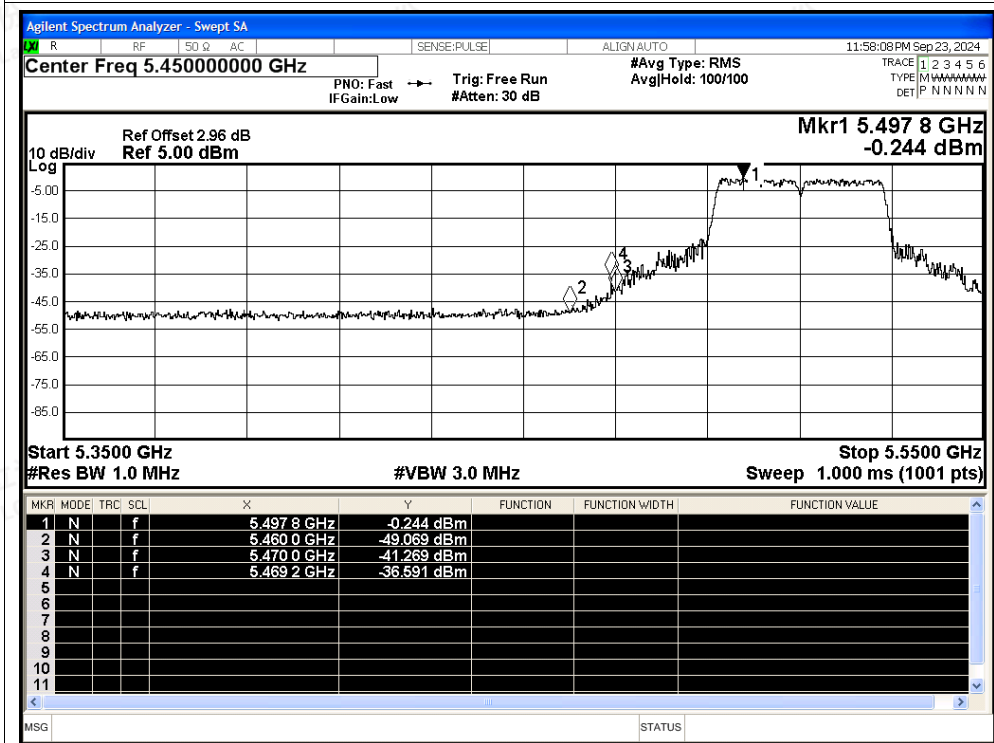


Restrict Band NVNT ac20 5700MHz Ant2 Average

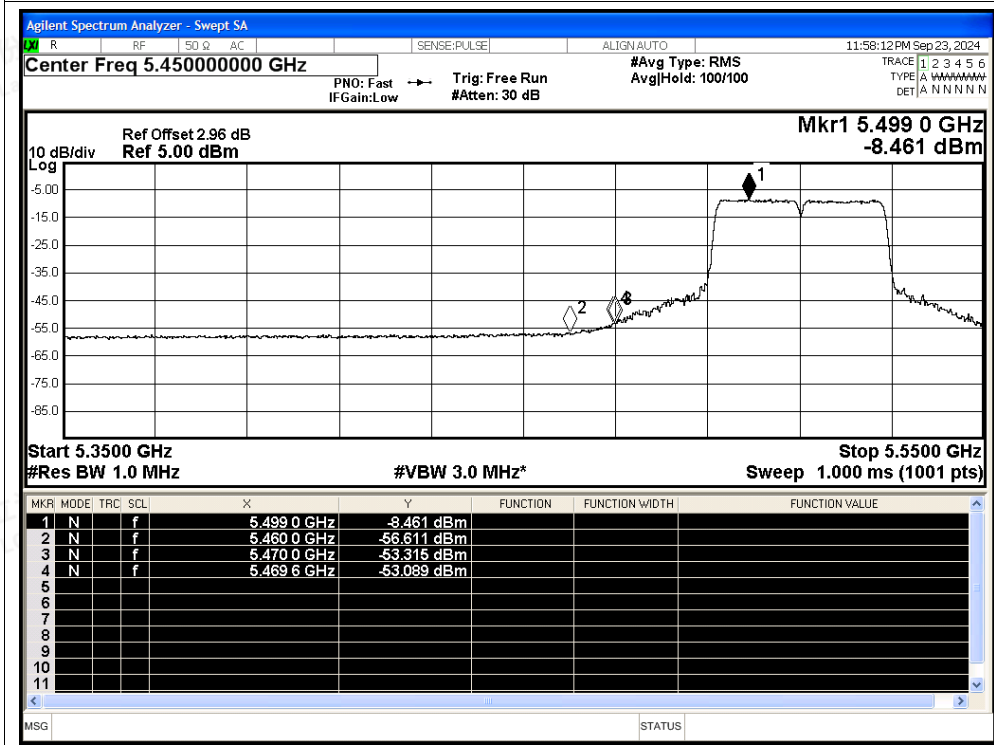




Restrict Band NVNT ac40 5510MHz Ant2 Peak

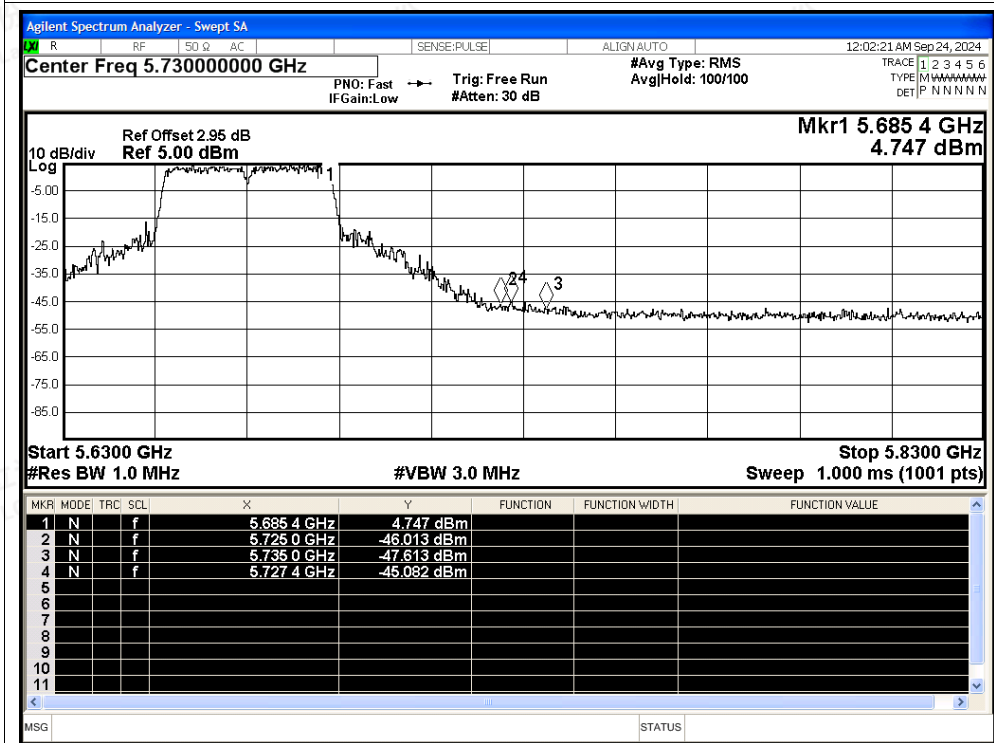


Restrict Band NVNT ac40 5510MHz Ant2 Average

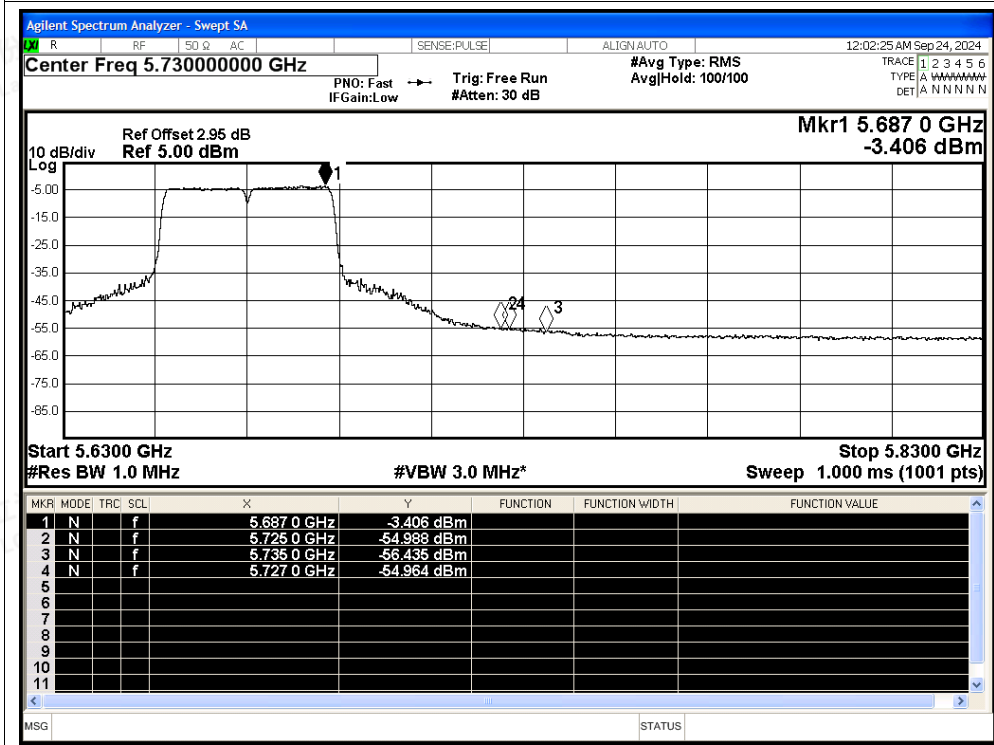




Restrict Band NVNT ac40 5670MHz Ant2 Peak

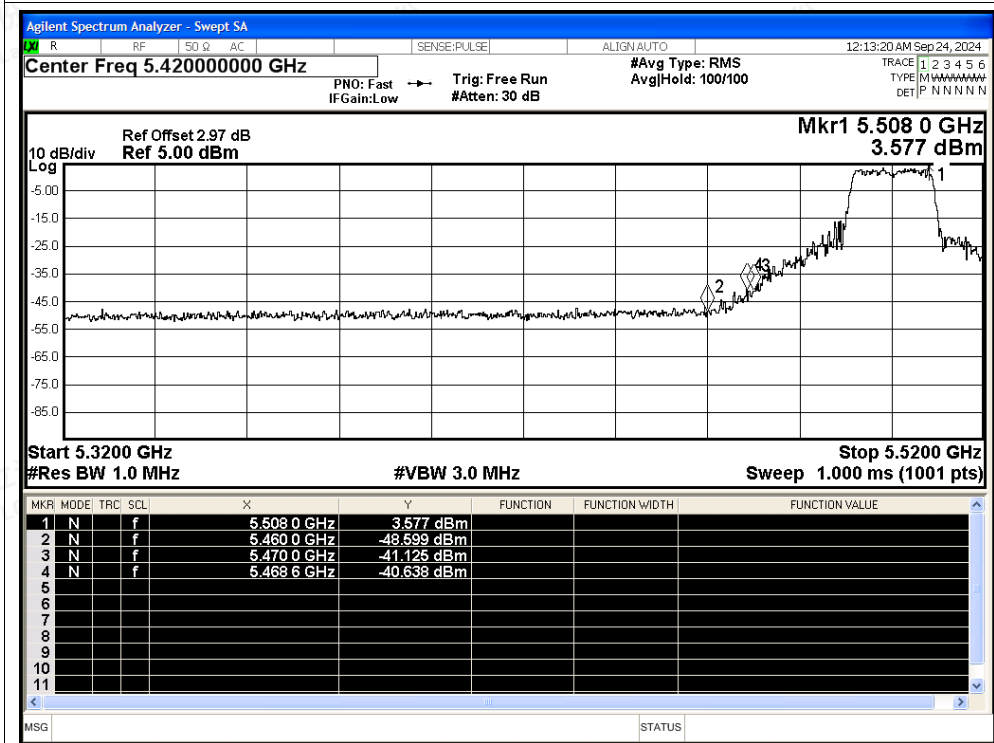


Restrict Band NVNT ac40 5670MHz Ant2 Average

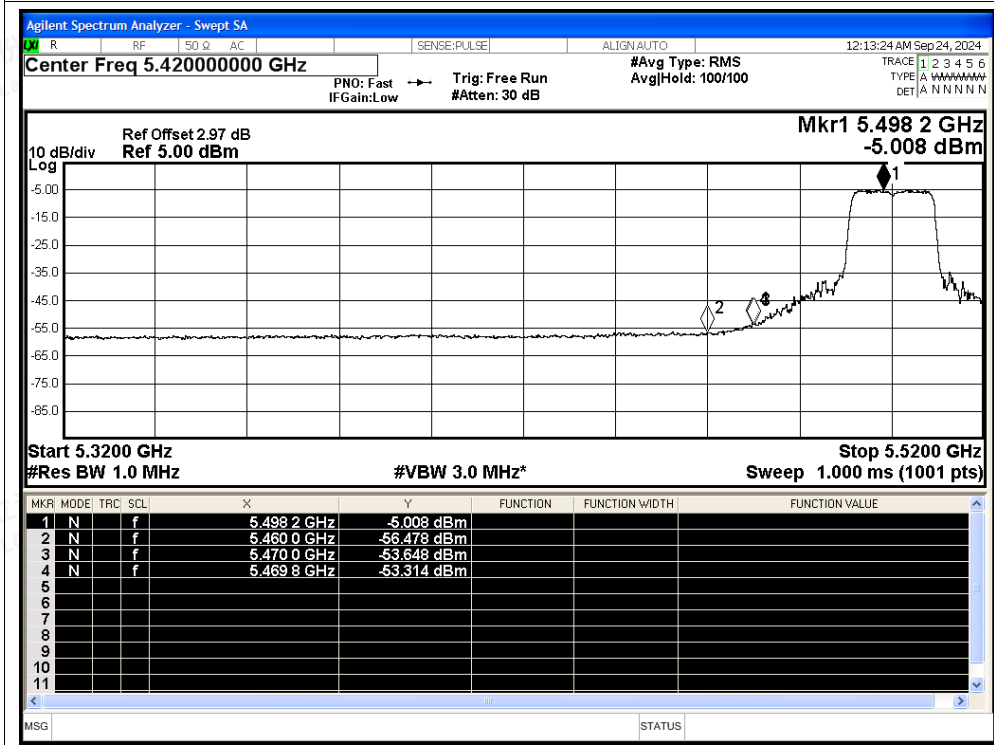




Restrict Band NVNT ax20 5500MHz Ant2 Peak

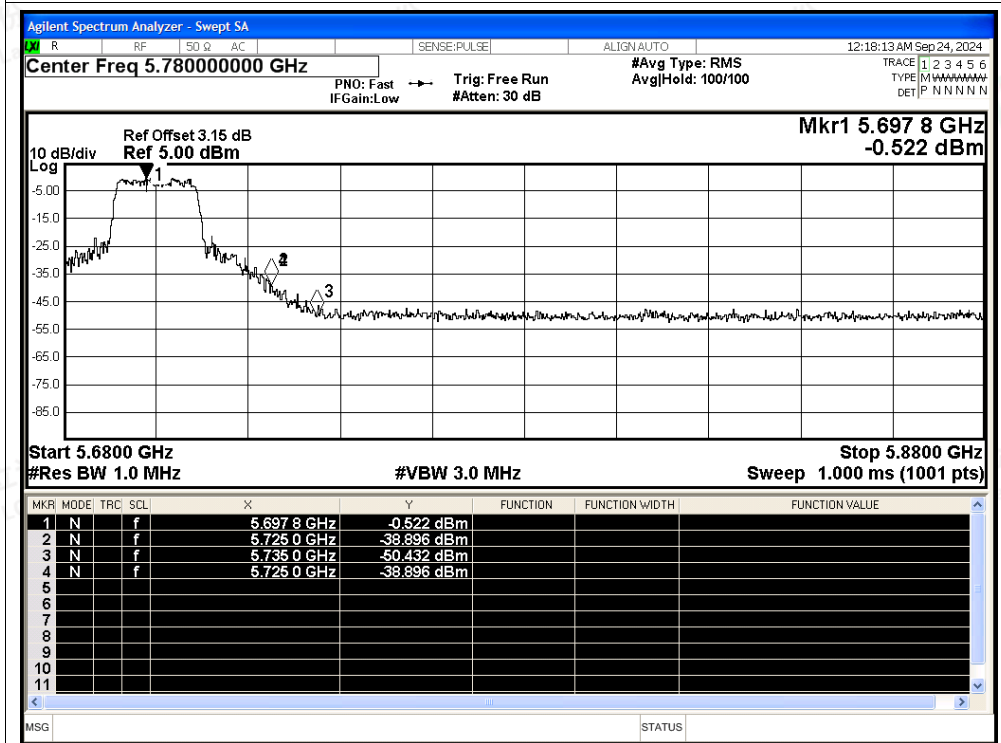


Restrict Band NVNT ax20 5500MHz Ant2 Average

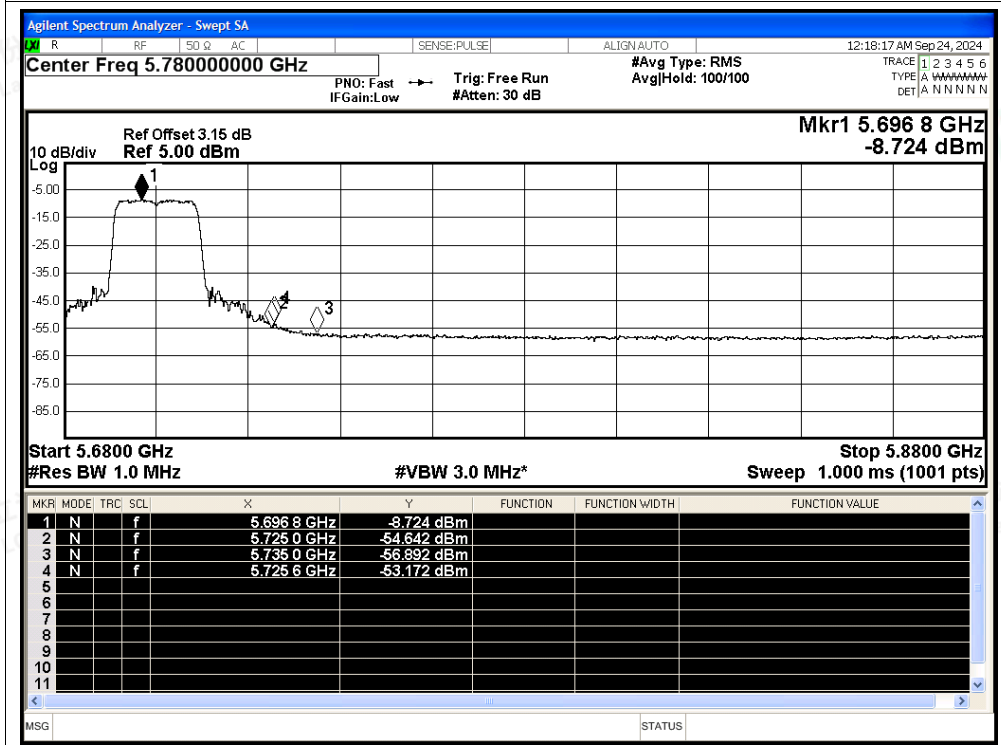




Restrict Band NVNT ax20 5700MHz Ant2 Peak

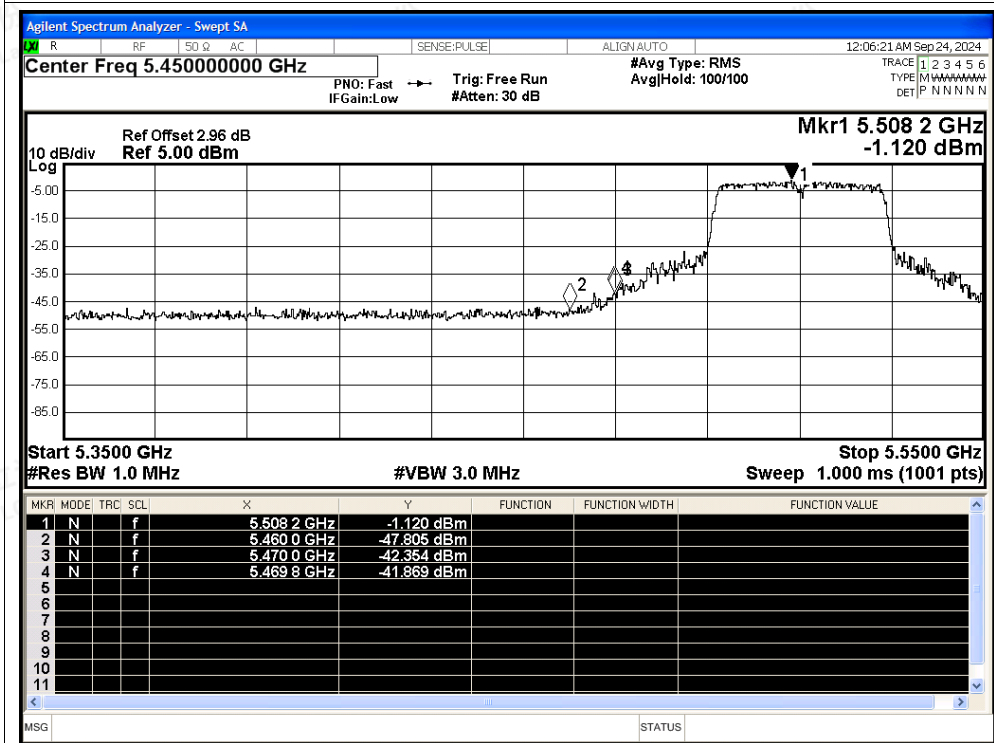


Restrict Band NVNT ax20 5700MHz Ant2 Average

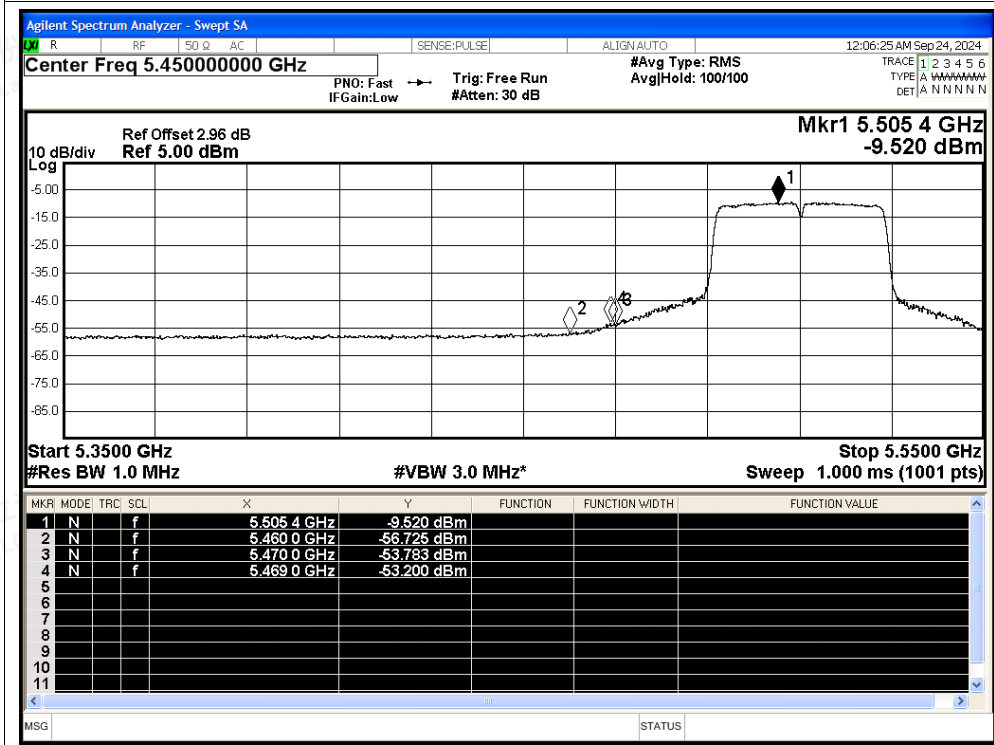




Restrict Band NVNT ax40 5510MHz Ant2 Peak

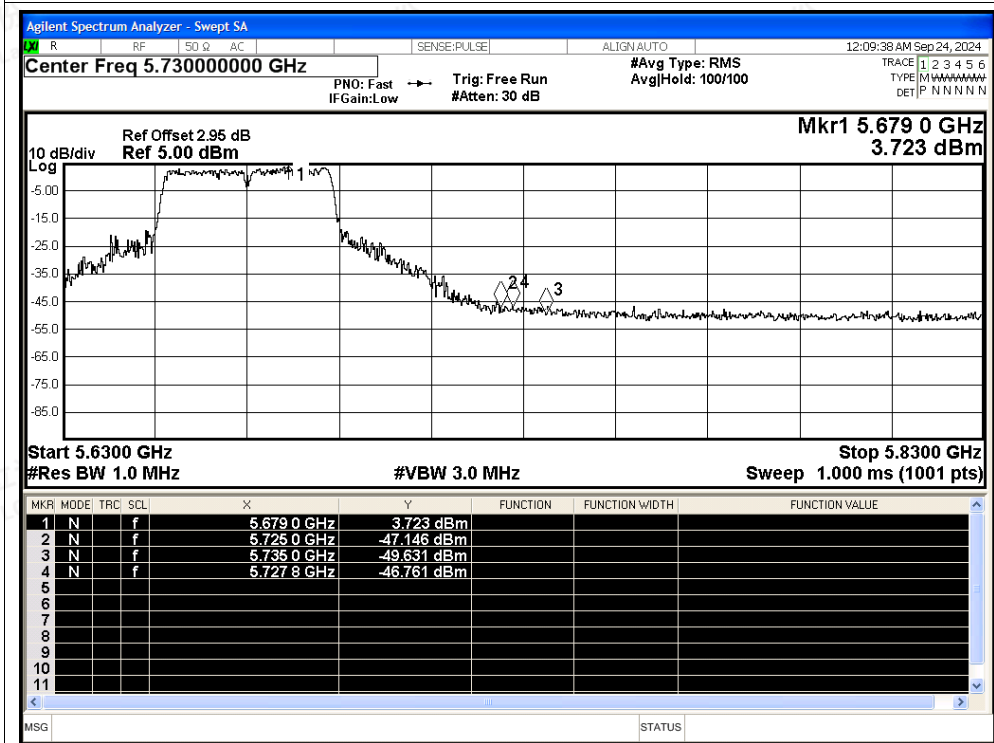


Restrict Band NVNT ax40 5510MHz Ant2 Average

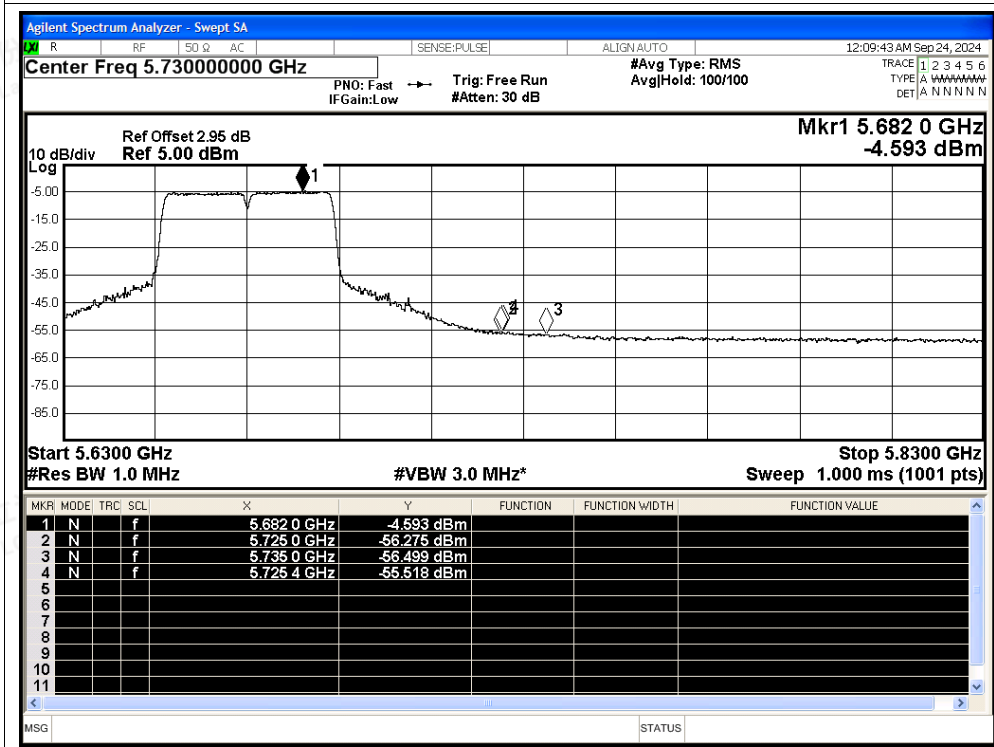




Restrict Band NVNT ax40 5670MHz Ant2 Peak



Restrict Band NVNT ax40 5670MHz Ant2 Average





F.5 Frequency Stability

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	a	5500	Ant2	5499.98	-20000	-3.64	25	Pass
NVNT	a	5580	Ant2	5579.98	-20000	-3.58	25	Pass
NVNT	a	5700	Ant2	5700	0	0	25	Pass
NVNT	n20	5500	Ant2	5500	0	0	25	Pass
NVNT	n20	5580	Ant2	5579.98	-20000	-3.58	25	Pass
NVNT	n20	5700	Ant2	5699.98	-20000	-3.51	25	Pass
NVNT	n40	5510	Ant2	5509.96	-40000	-7.26	25	Pass
NVNT	n40	5550	Ant2	5550	0	0	25	Pass
NVNT	n40	5670	Ant2	5669.96	-40000	-7.05	25	Pass
NVNT	ac20	5500	Ant2	5499.98	-20000	-3.64	25	Pass
NVNT	ac20	5580	Ant2	5579.98	-20000	-3.58	25	Pass
NVNT	ac20	5700	Ant2	5699.98	-20000	-3.51	25	Pass
NVNT	ac40	5510	Ant2	5510	0	0	25	Pass
NVNT	ac40	5550	Ant2	5550	0	0	25	Pass
NVNT	ac40	5670	Ant2	5670	0	0	25	Pass
NVNT	ax20	5500	Ant2	5499.98	-20000	-3.64	25	Pass
NVNT	ax20	5580	Ant2	5579.98	-20000	-3.58	25	Pass
NVNT	ax20	5700	Ant2	5699.98	-20000	-3.51	25	Pass
NVNT	ax40	5510	Ant2	5509.96	-40000	-7.26	25	Pass
NVNT	ax40	5550	Ant2	5550	0	0	25	Pass
NVNT	ax40	5670	Ant2	5669.96	-40000	-7.05	25	Pass

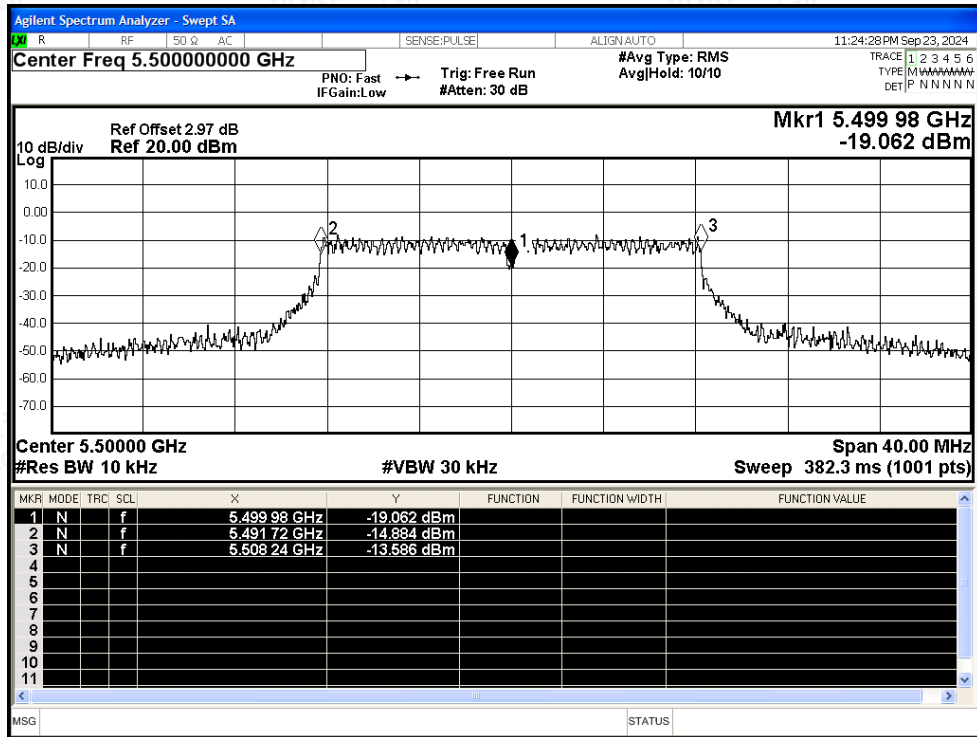


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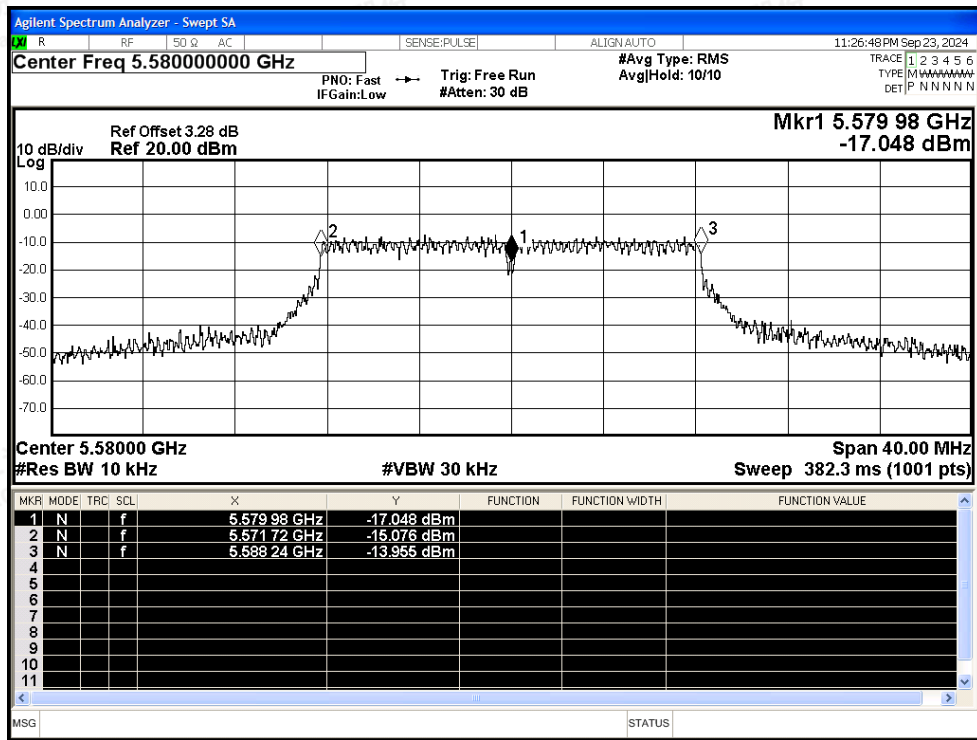


Test Graphs

Freq. Stability NVNT a 5500MHz Ant2

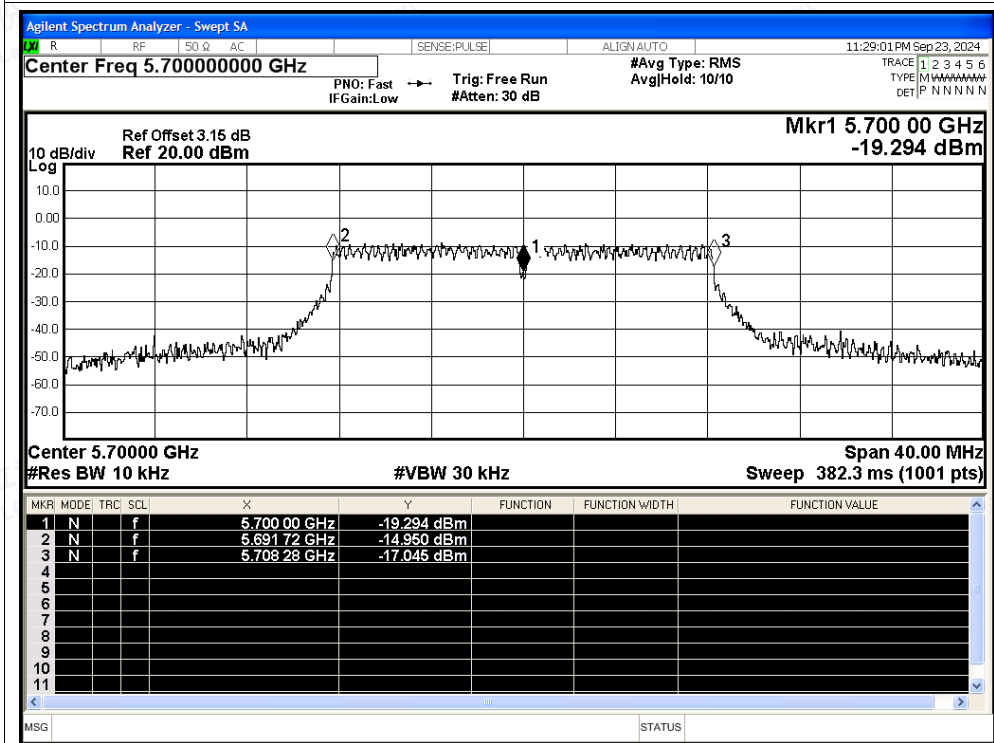


Freq. Stability NVNT a 5580MHz Ant2

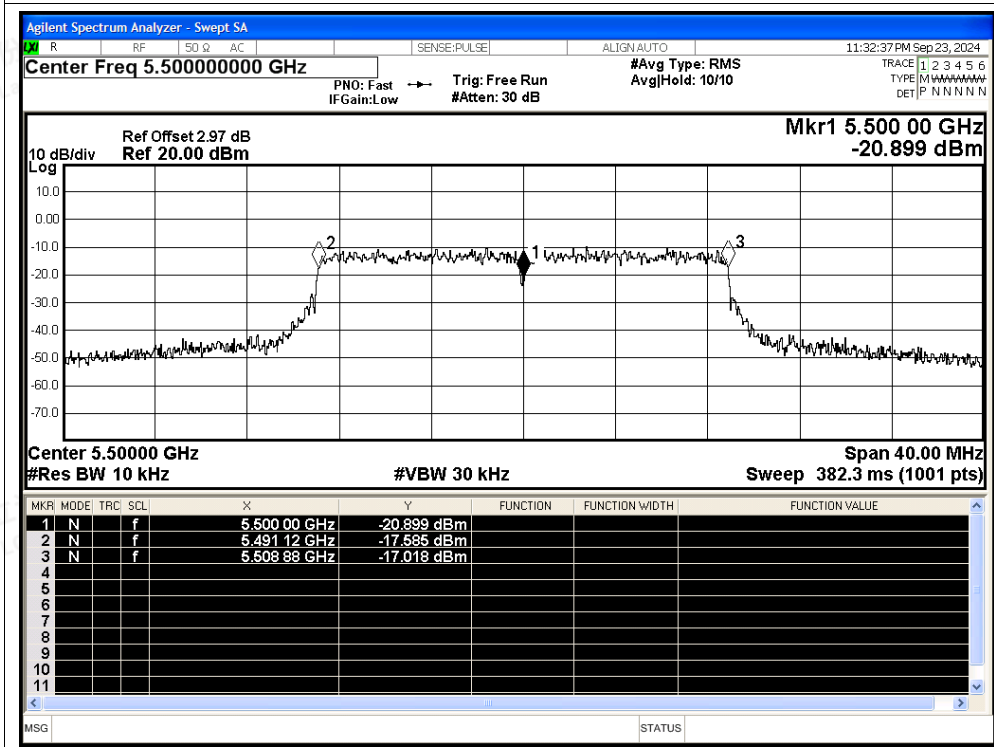




Freq. Stability NVNT a 5700MHz Ant2

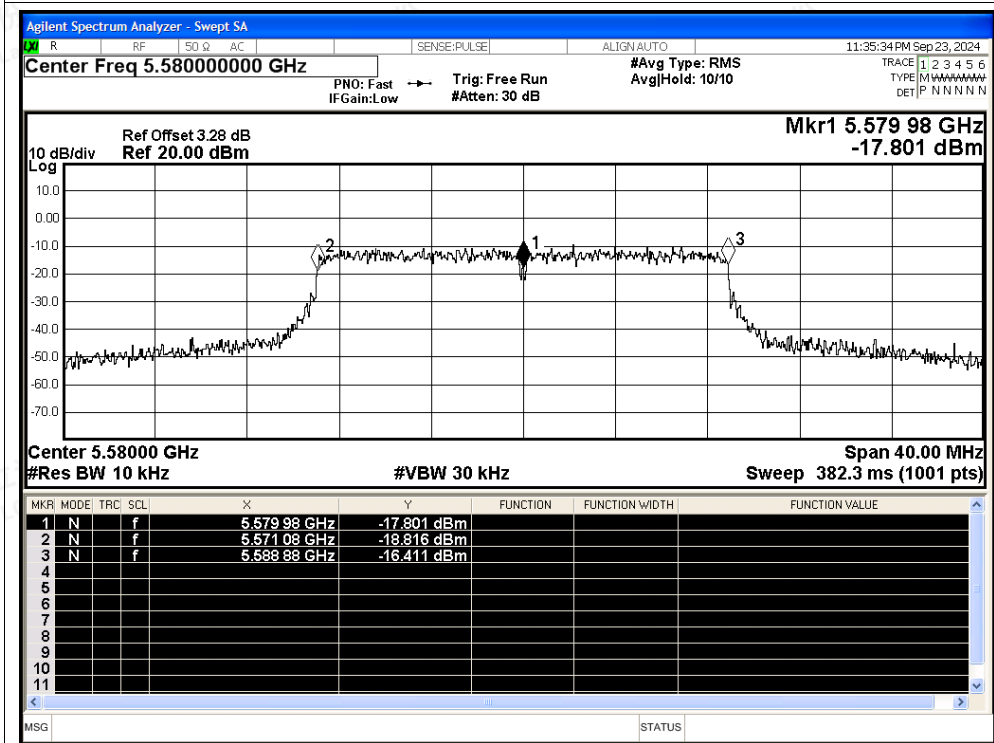


Freq. Stability NVNT n20 5500MHz Ant2

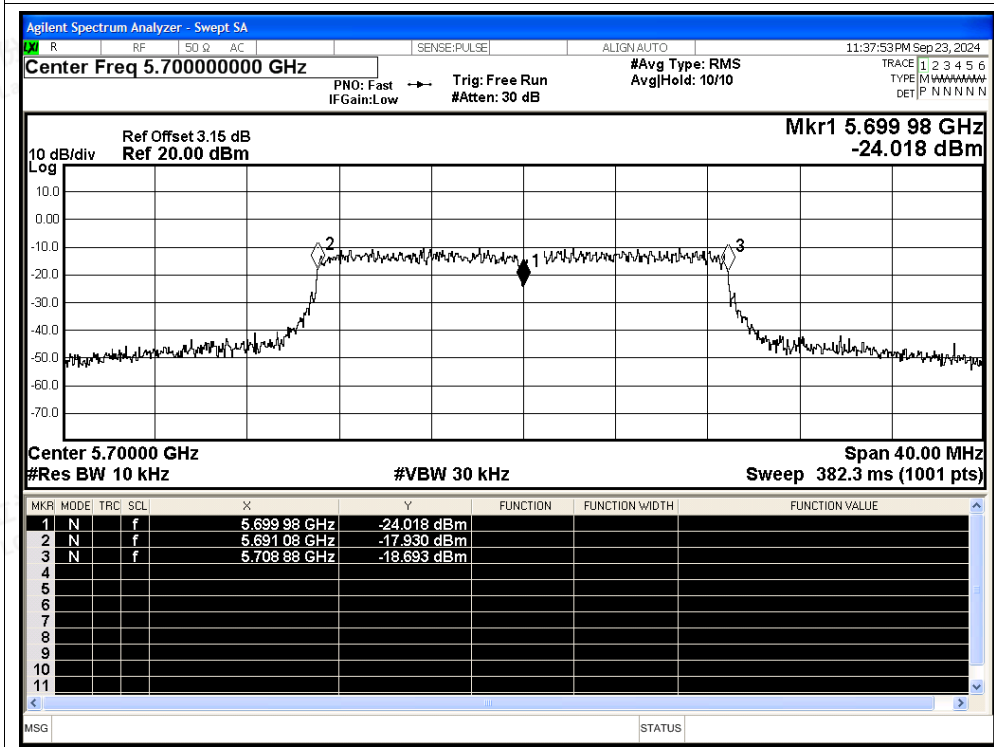




Freq. Stability NVNT n20 5580MHz Ant2

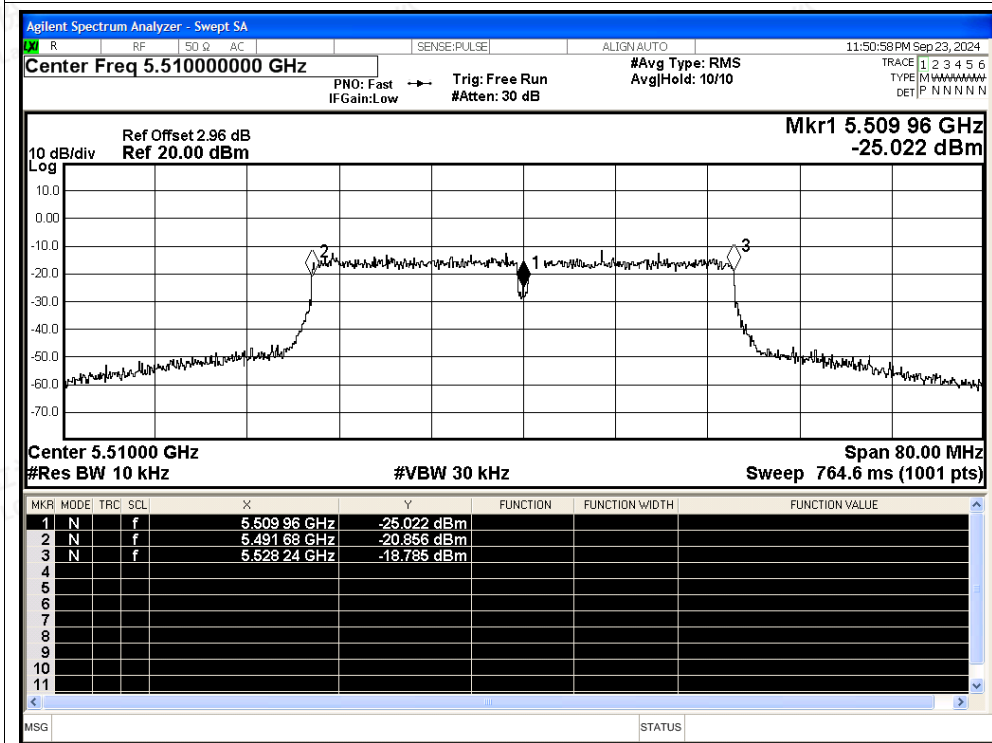


Freq. Stability NVNT n20 5700MHz Ant2

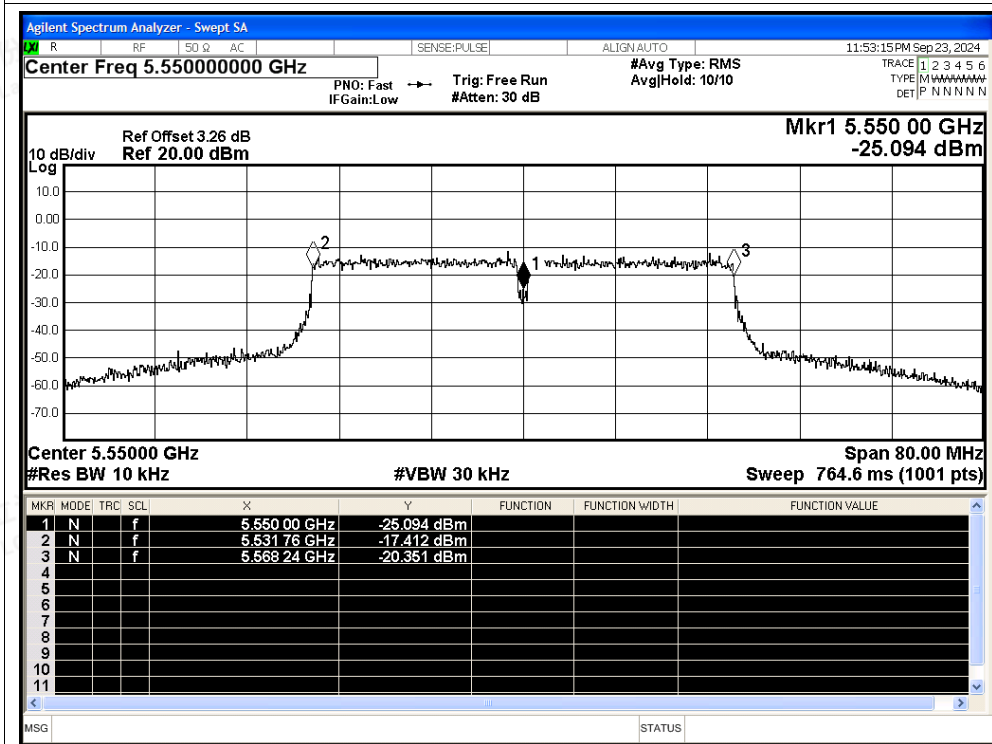




Freq. Stability NVNT n40 5510MHz Ant2

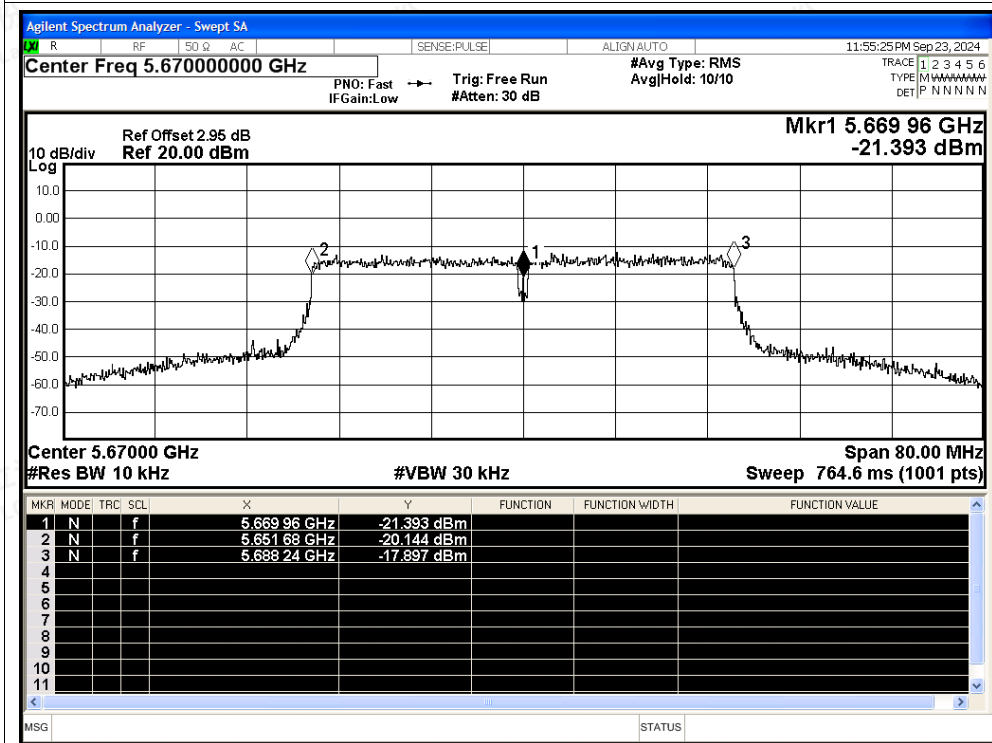


Freq. Stability NVNT n40 5550MHz Ant2

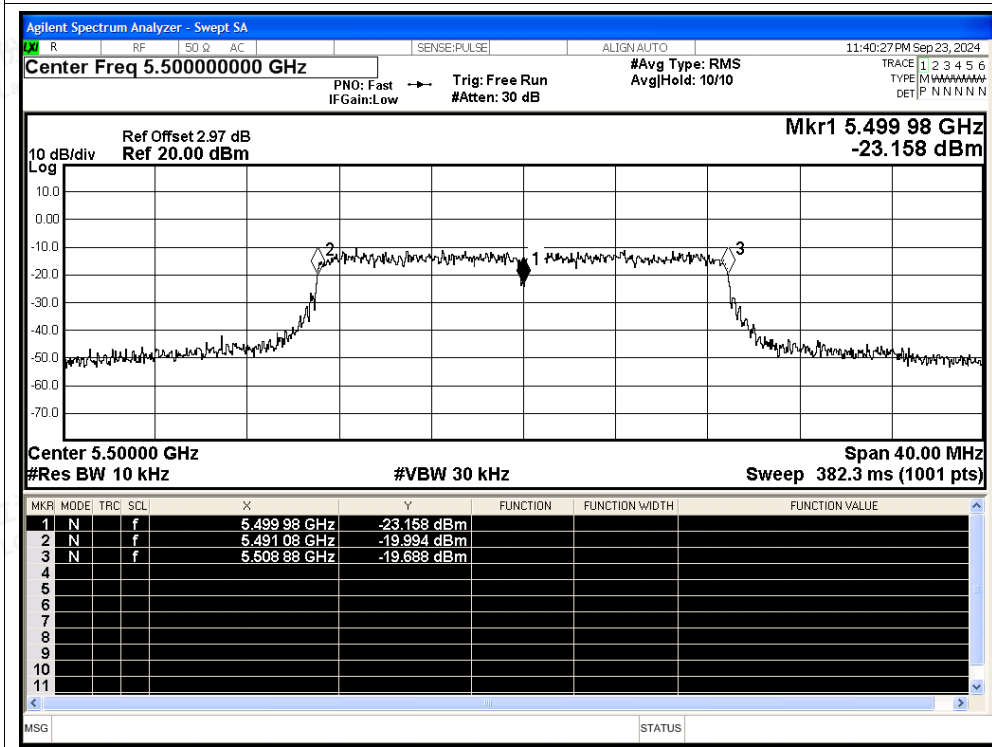




Freq. Stability NVNT n40 5670MHz Ant2

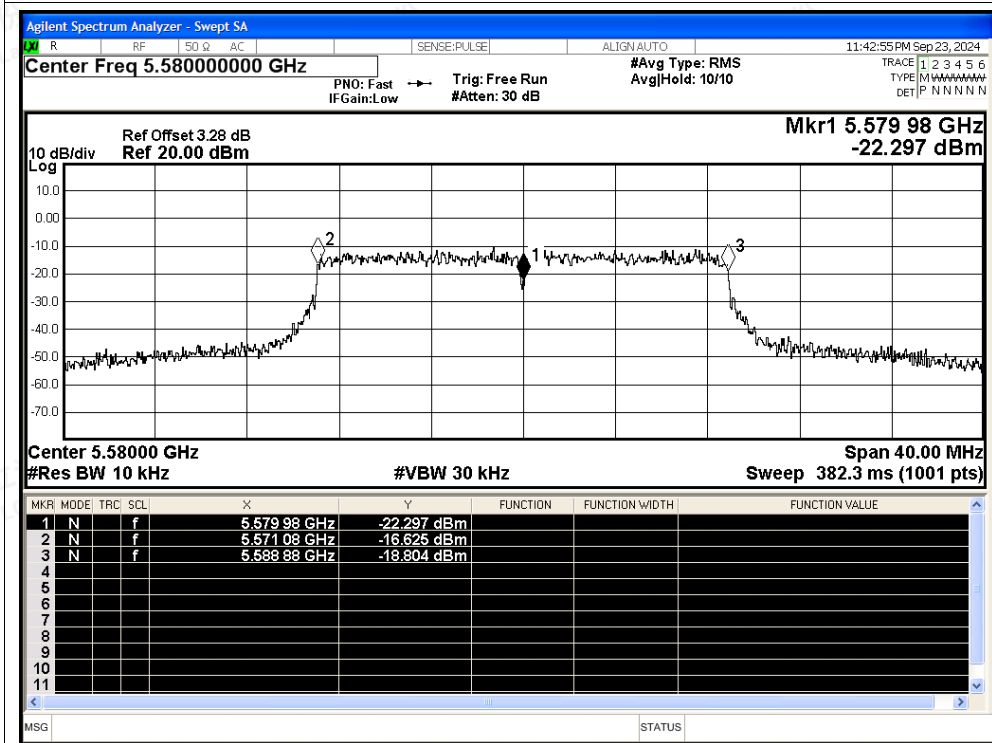


Freq. Stability NVNT ac20 5500MHz Ant2

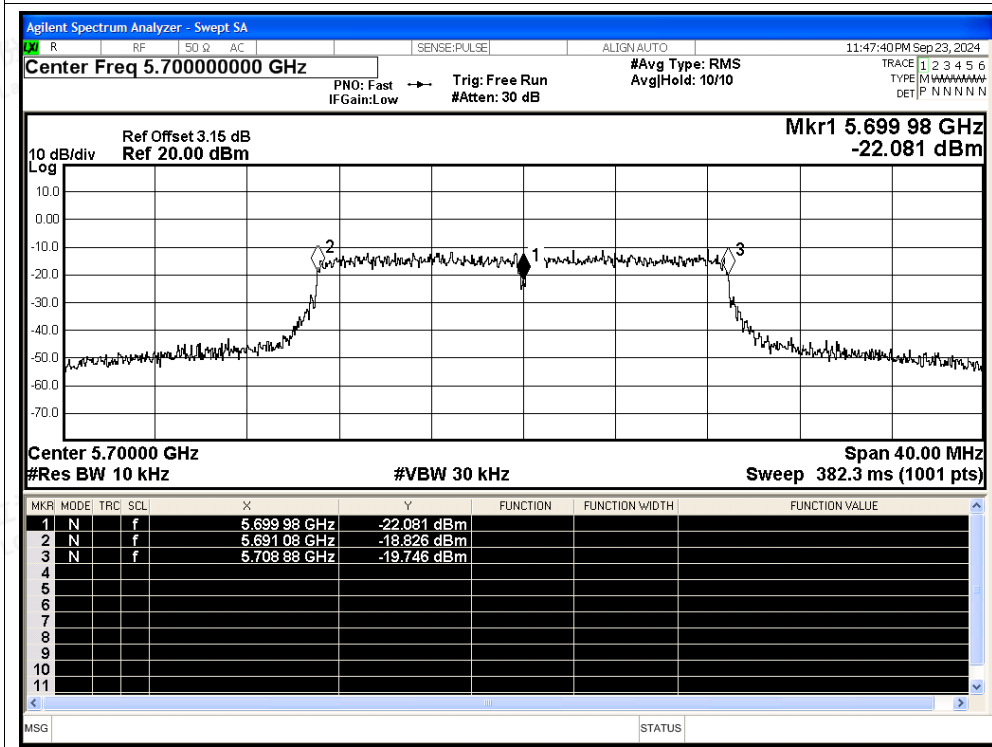




Freq. Stability NVNT ac20 5580MHz Ant2

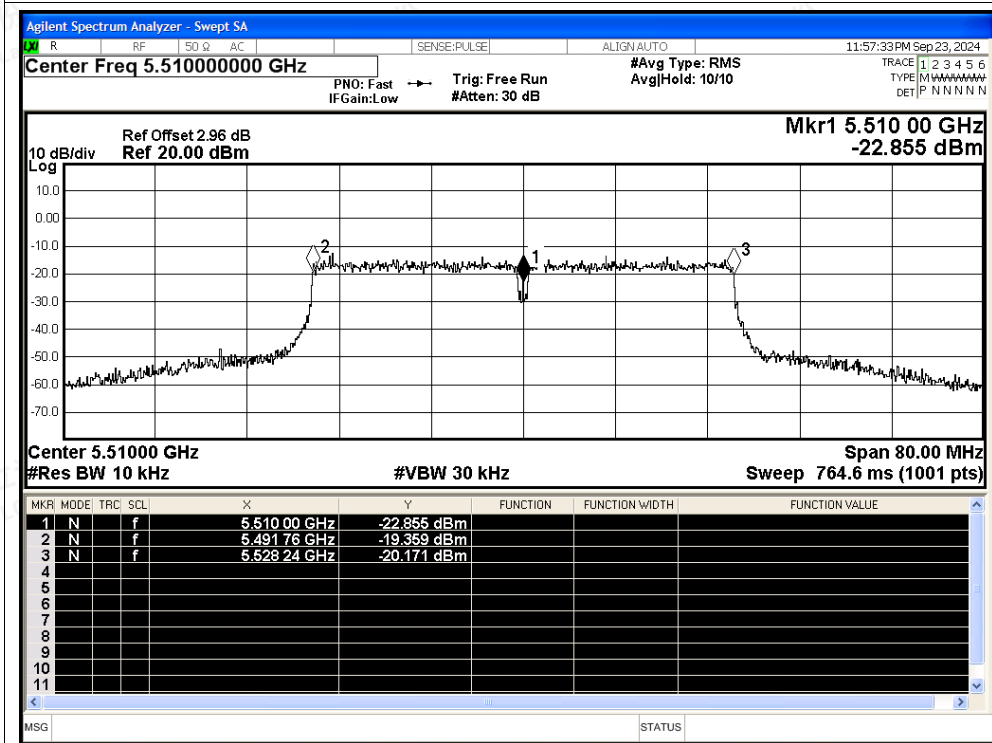


Freq. Stability NVNT ac20 5700MHz Ant2

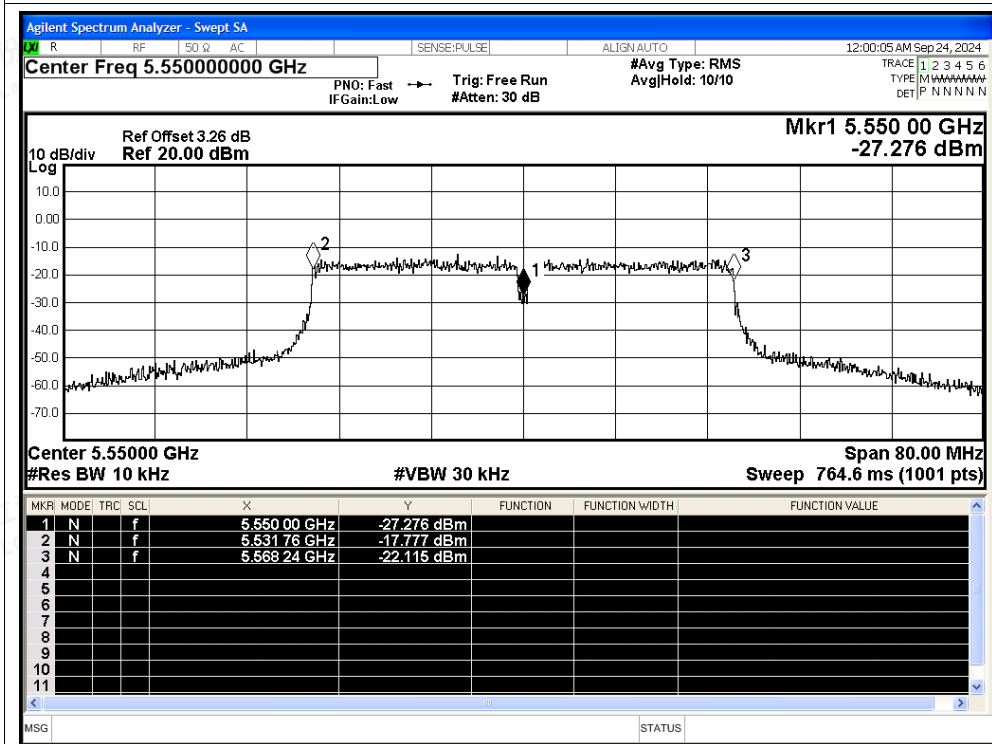




Freq. Stability NVNT ac40 5510MHz Ant2

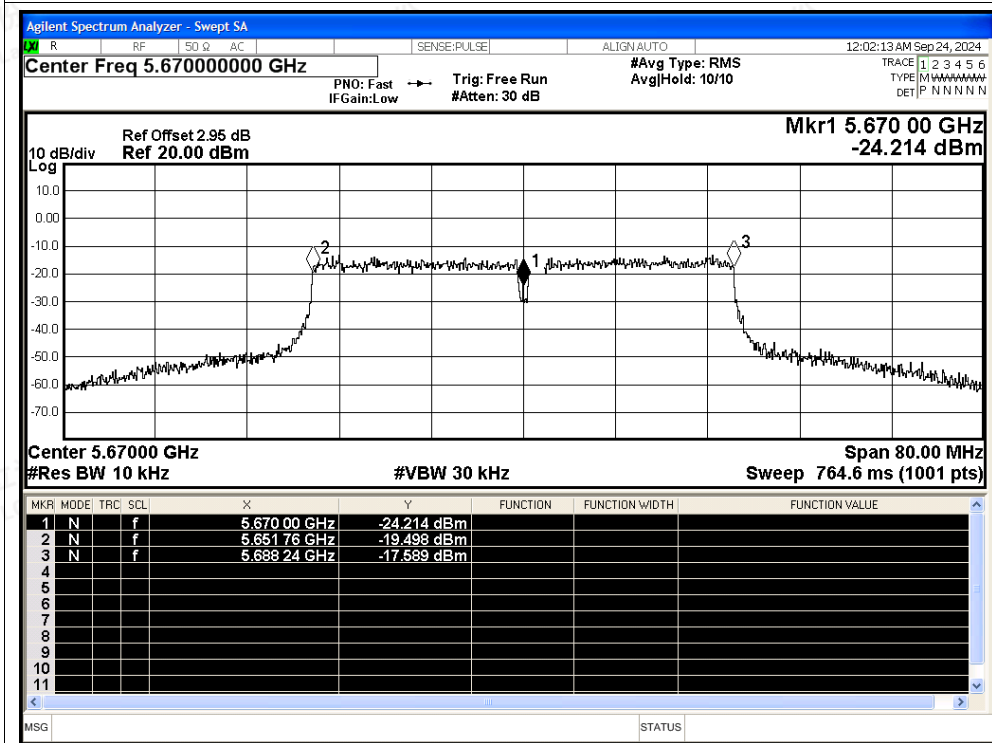


Freq. Stability NVNT ac40 5550MHz Ant2

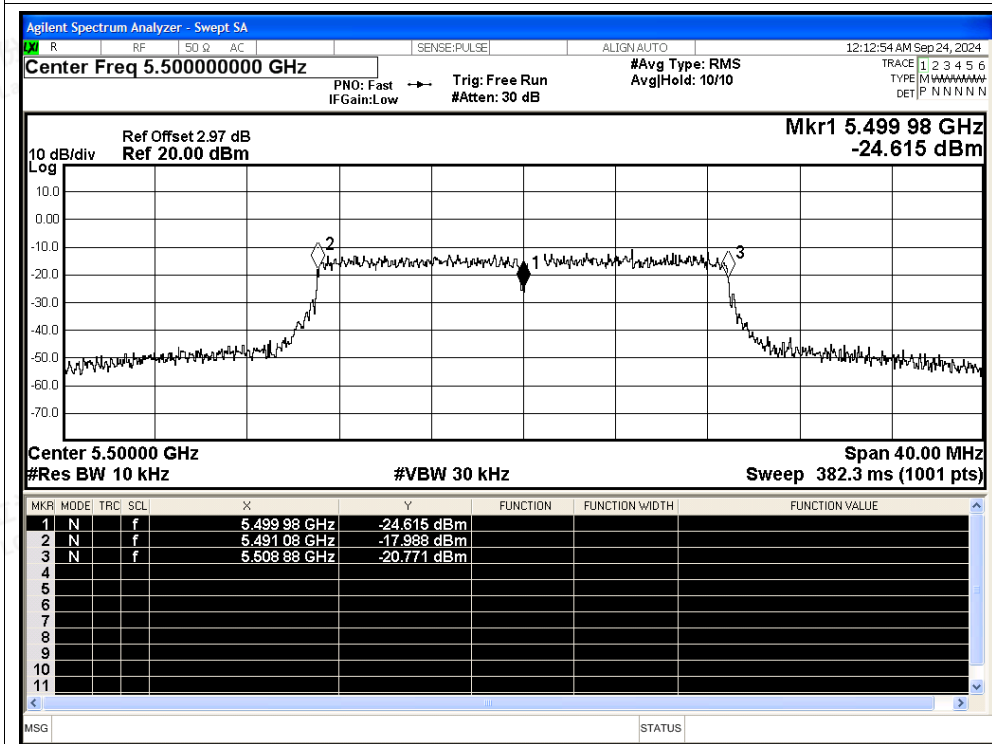




Freq. Stability NVNT ac40 5670MHz Ant2

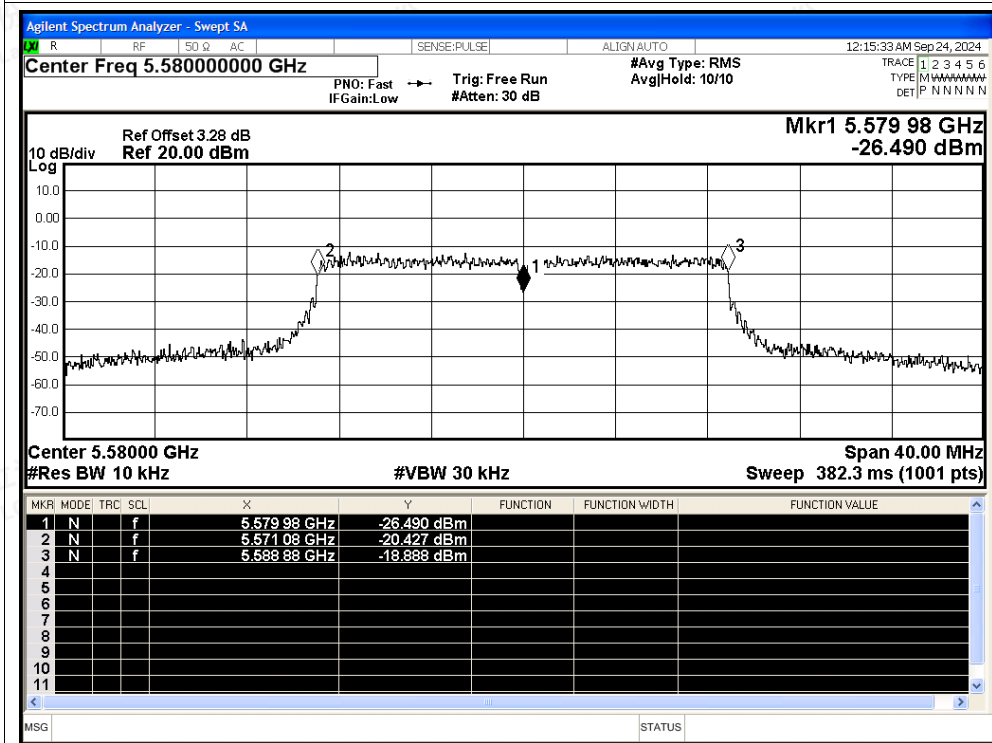


Freq. Stability NVNT ax20 5500MHz Ant2

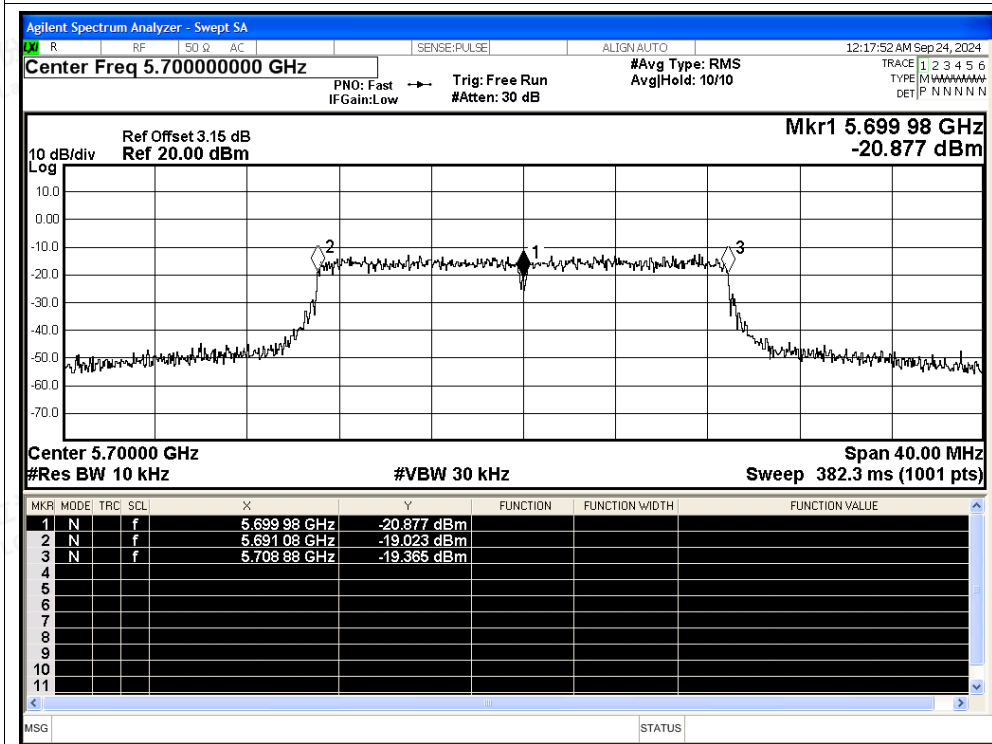




Freq. Stability NVNT ax20 5580MHz Ant2

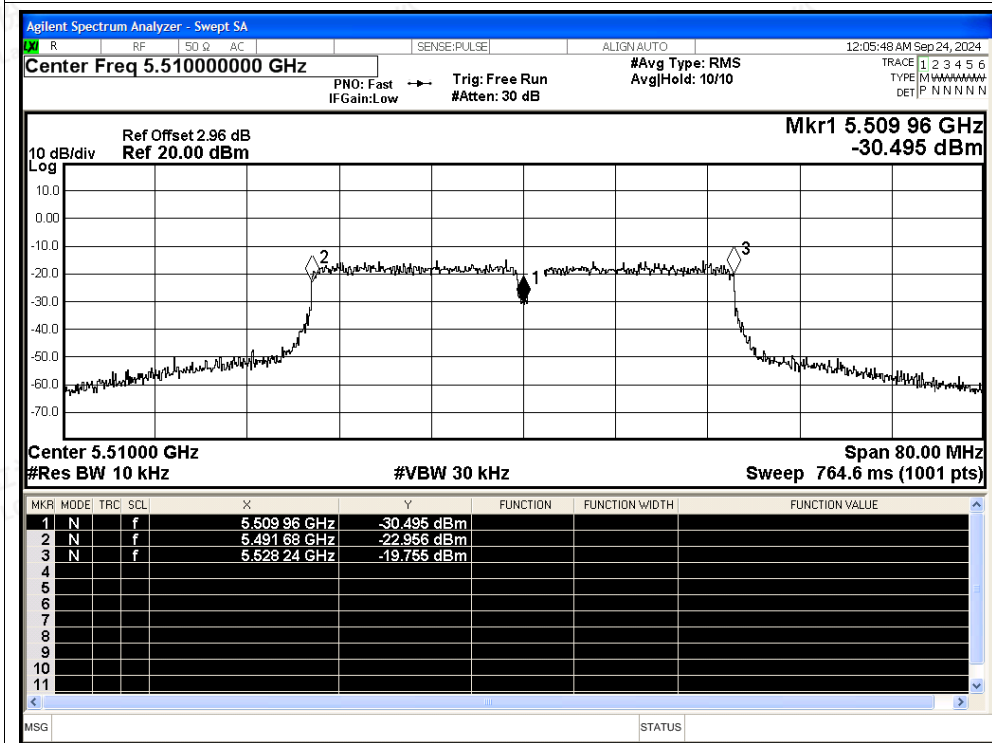


Freq. Stability NVNT ax20 5700MHz Ant2

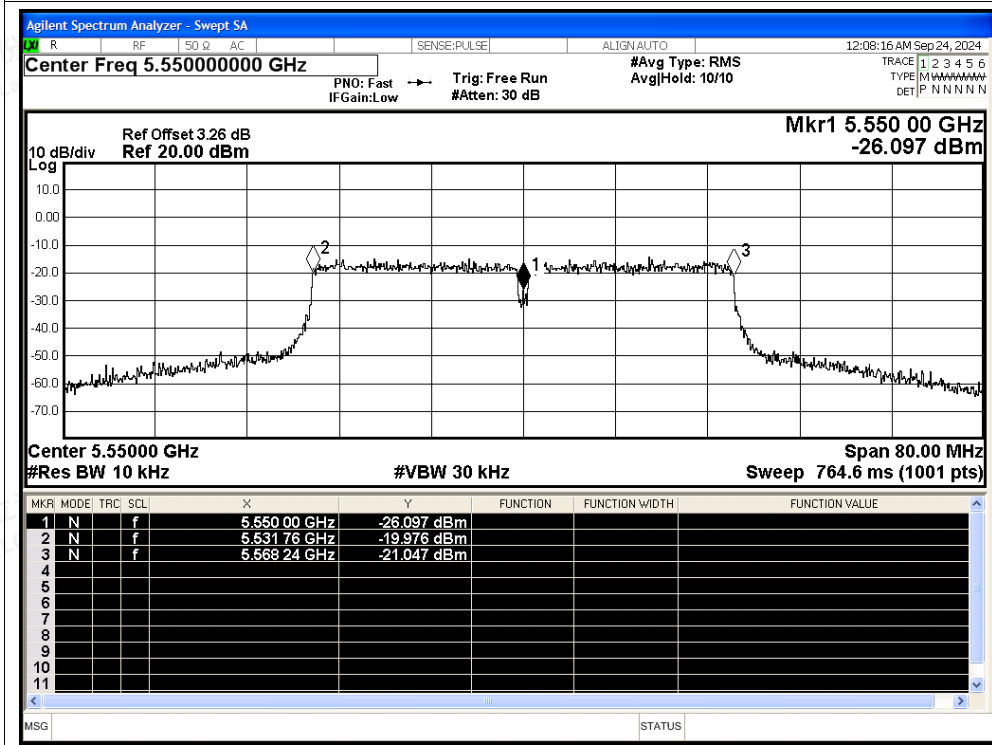


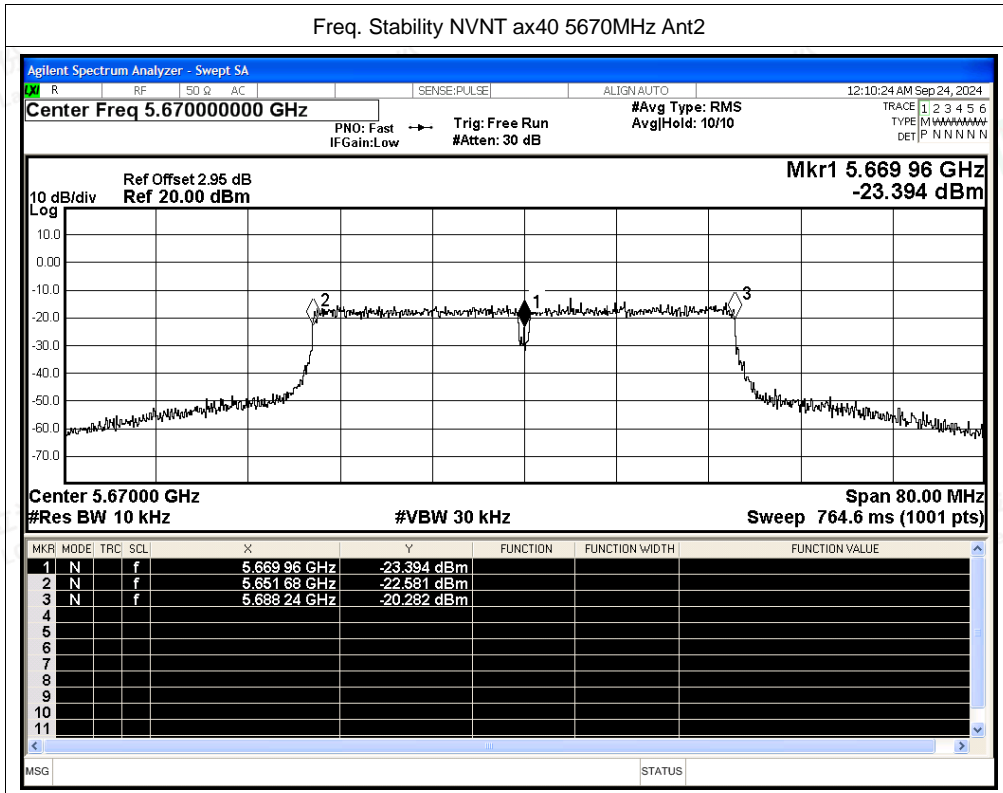


Freq. Stability NVNT ax40 5510MHz Ant2



Freq. Stability NVNT ax40 5550MHz Ant2







F.6 Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5500	Ant2	94.65	0.24	0.91
NVNT	a	5580	Ant2	94.56	0.24	0.91
NVNT	a	5700	Ant2	94.56	0.24	0.91
NVNT	n20	5500	Ant2	97.29	0.12	0.44
NVNT	n20	5580	Ant2	97.29	0.12	0.44
NVNT	n20	5700	Ant2	97.29	0.12	0.44
NVNT	n40	5510	Ant2	97.23	0.12	0.46
NVNT	n40	5550	Ant2	97.23	0.12	0.46
NVNT	n40	5670	Ant2	97.23	0.12	0.46
NVNT	ac20	5500	Ant2	97.34	0.12	0.44
NVNT	ac20	5580	Ant2	97.3	0.12	0.44
NVNT	ac20	5700	Ant2	97.34	0.12	0.44
NVNT	ac40	5510	Ant2	97.19	0.12	0.46
NVNT	ac40	5550	Ant2	97.19	0.12	0.46
NVNT	ac40	5670	Ant2	97.24	0.12	0.46
NVNT	ax20	5500	Ant2	97.34	0.12	0.44
NVNT	ax20	5580	Ant2	97.3	0.12	0.44
NVNT	ax20	5700	Ant2	97.34	0.12	0.44
NVNT	ax40	5510	Ant2	97.19	0.12	0.46
NVNT	ax40	5550	Ant2	97.24	0.12	0.46
NVNT	ax40	5670	Ant2	97.19	0.12	0.46

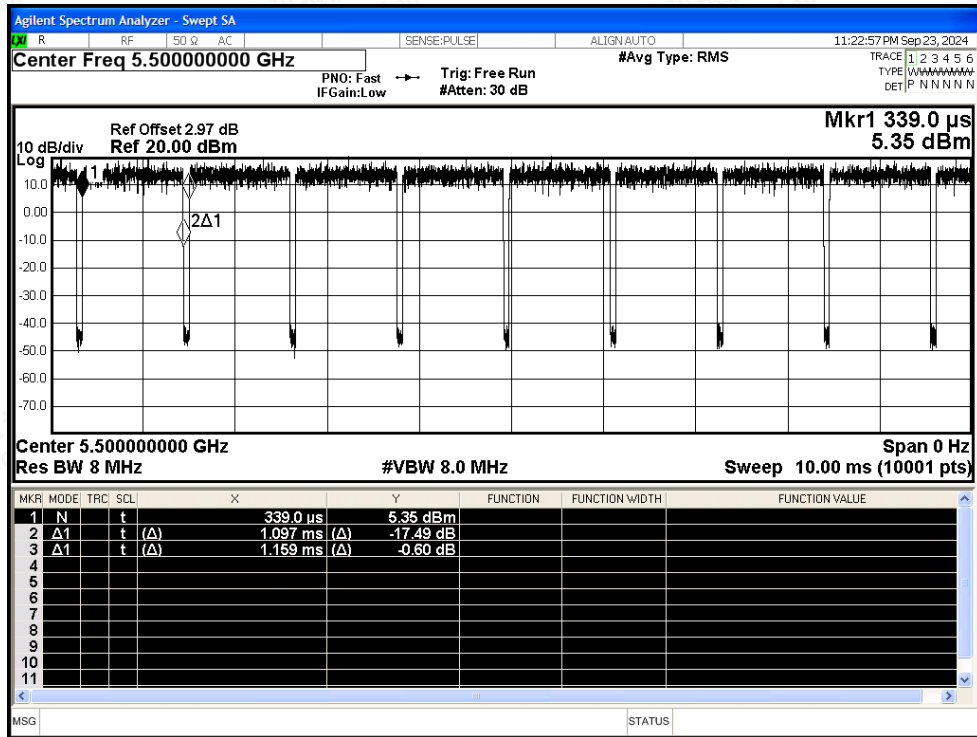


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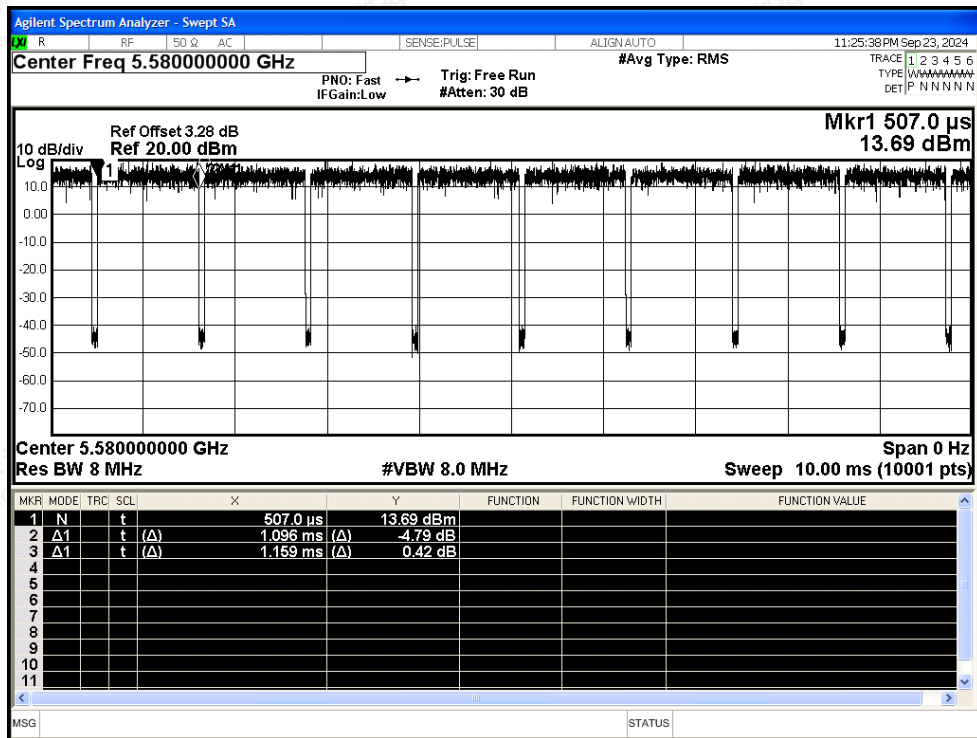


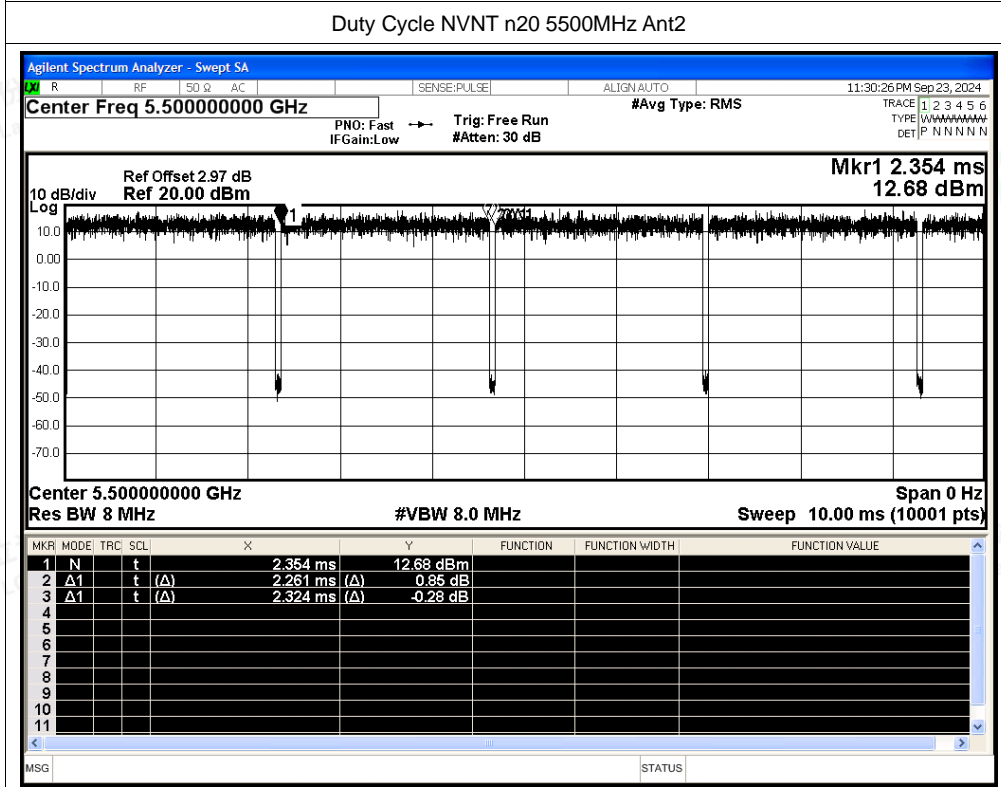
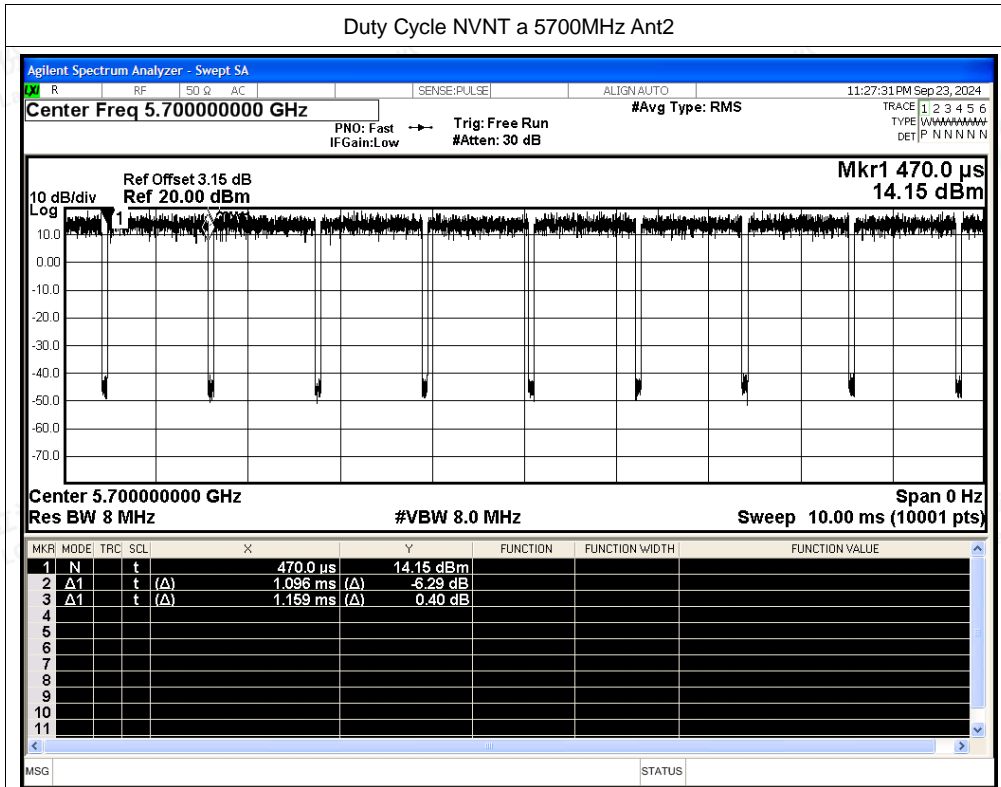
Test Graphs

Duty Cycle NVNT a 5500MHz Ant2



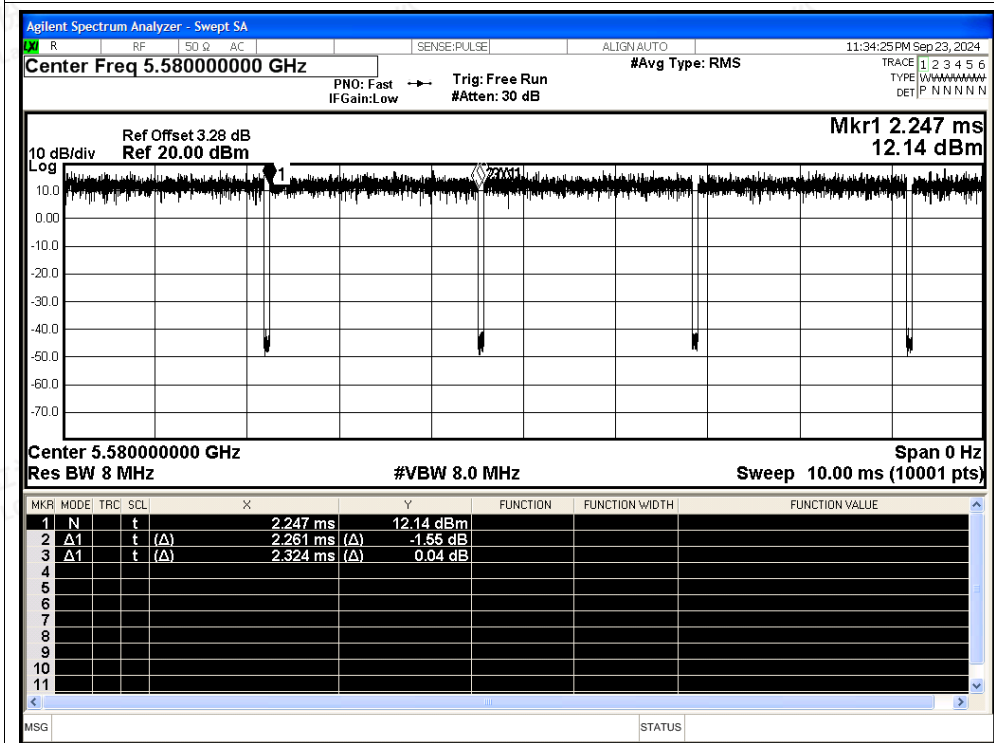
Duty Cycle NVNT a 5580MHz Ant2



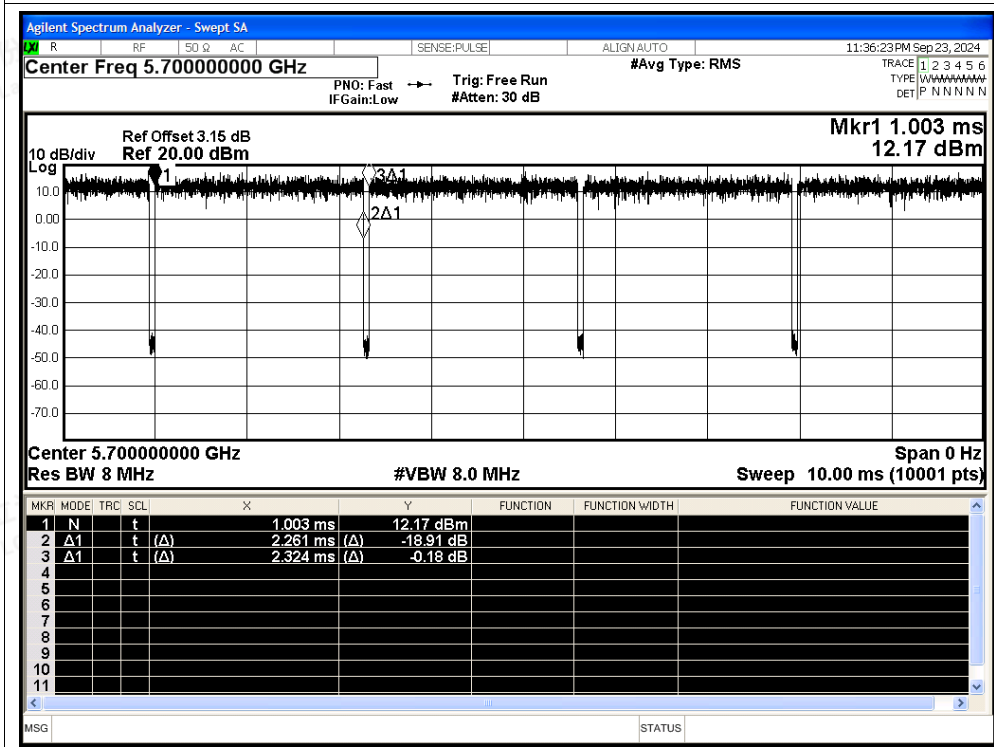




Duty Cycle NVNT n20 5580MHz Ant2

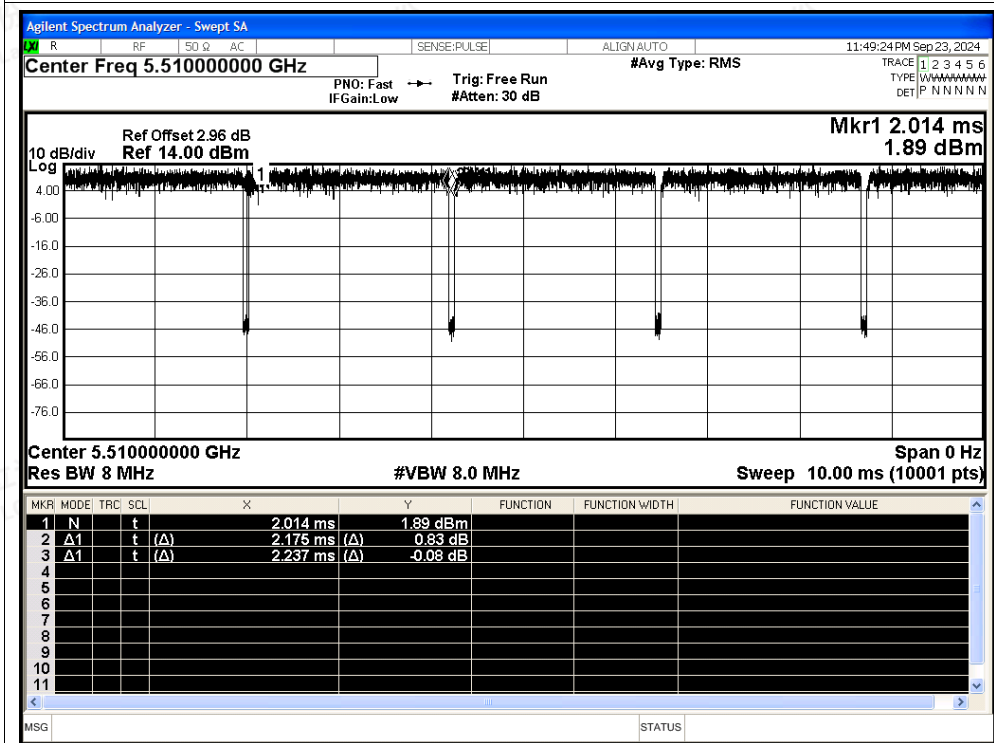


Duty Cycle NVNT n20 5700MHz Ant2

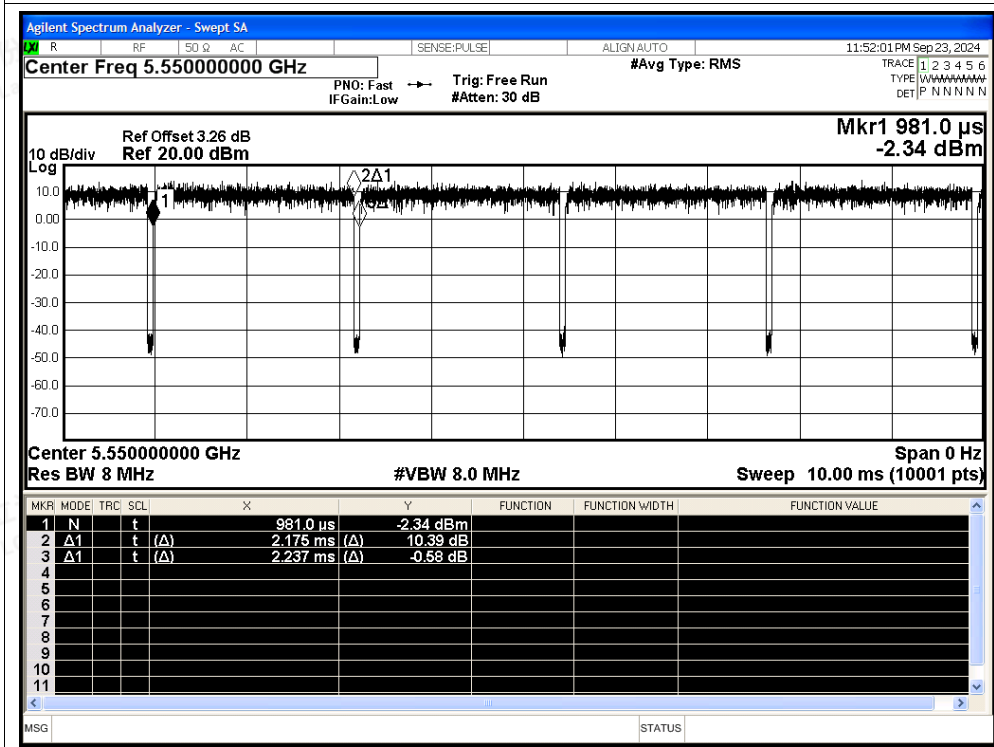




Duty Cycle NVNT n40 5510MHz Ant2

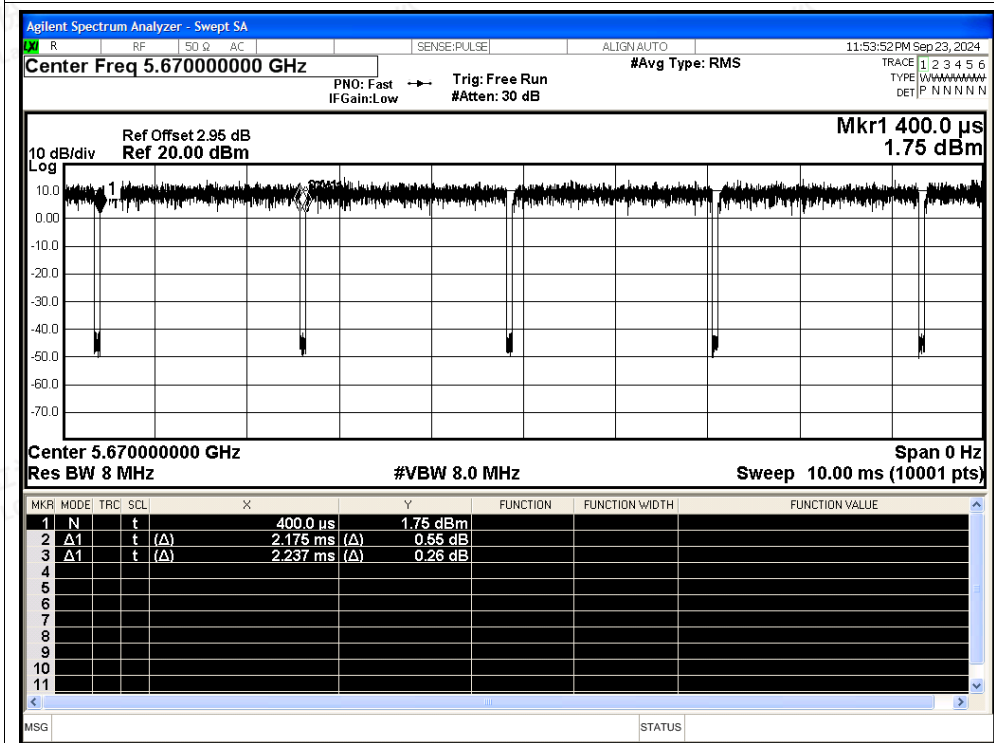


Duty Cycle NVNT n40 5550MHz Ant2

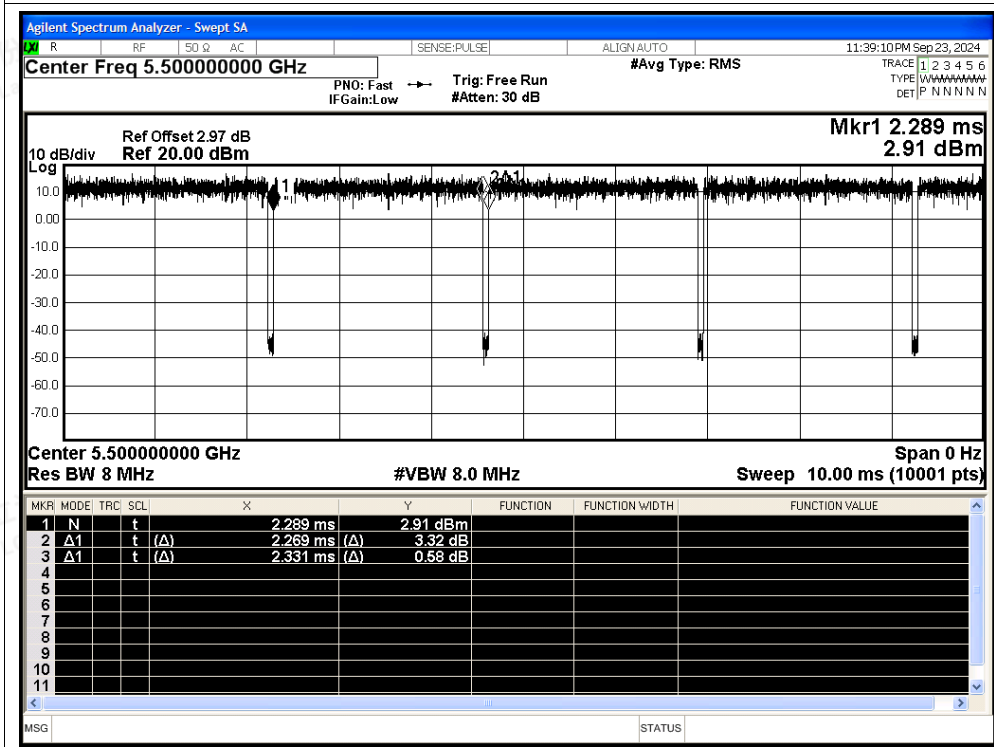




Duty Cycle NVNT n40 5670MHz Ant2

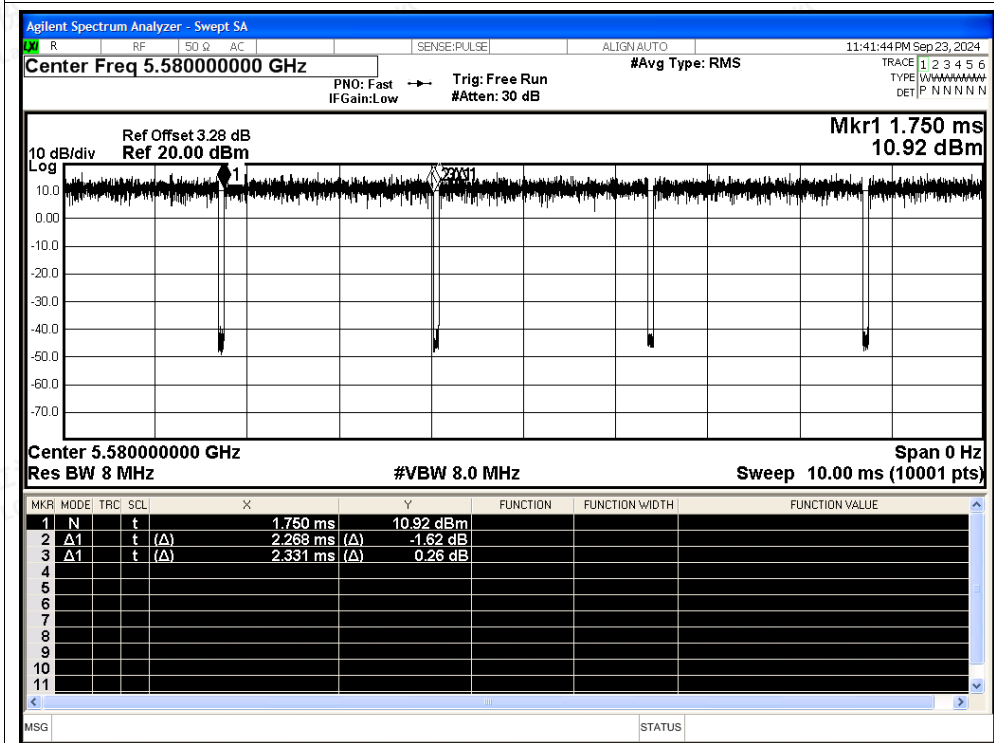


Duty Cycle NVNT ac20 5500MHz Ant2

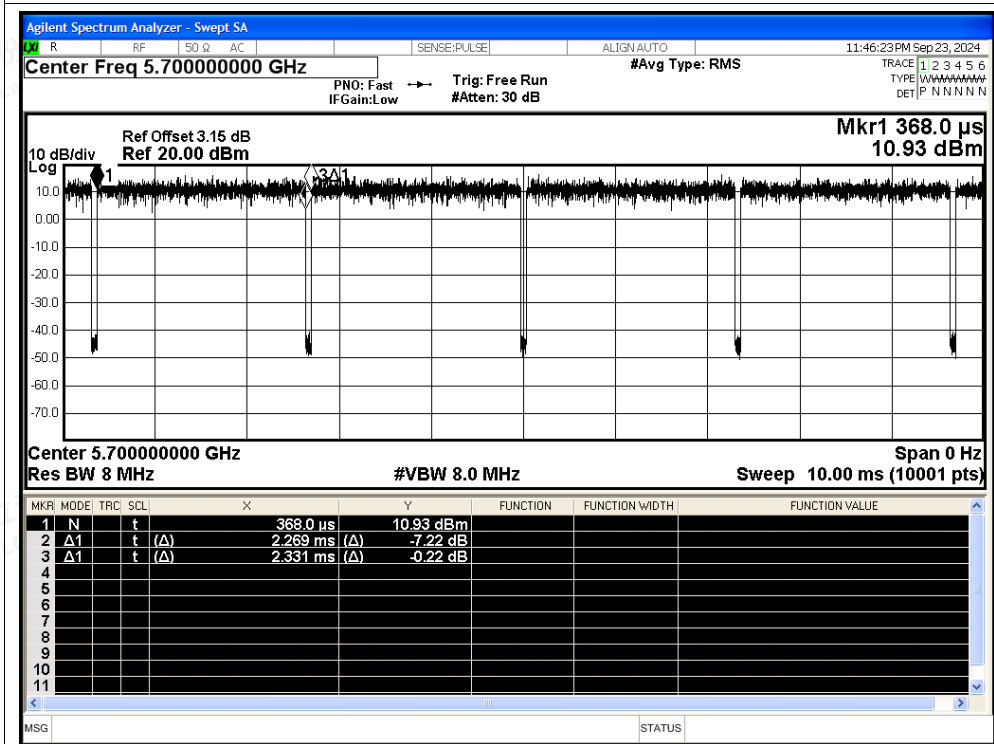




Duty Cycle NVNT ac20 5580MHz Ant2

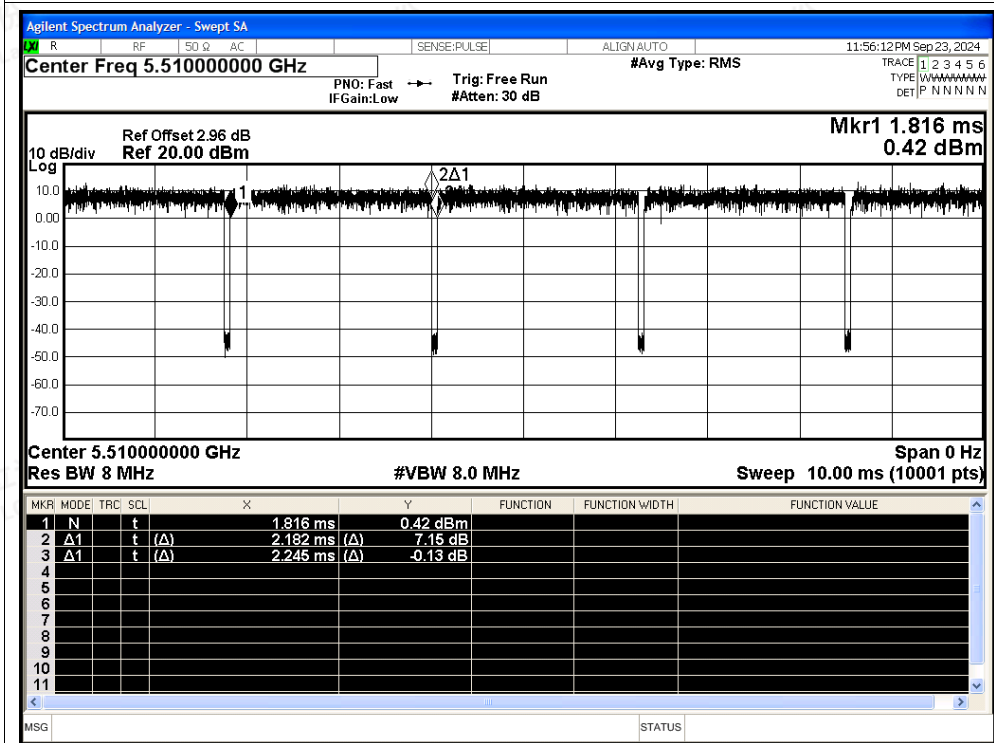


Duty Cycle NVNT ac20 5700MHz Ant2

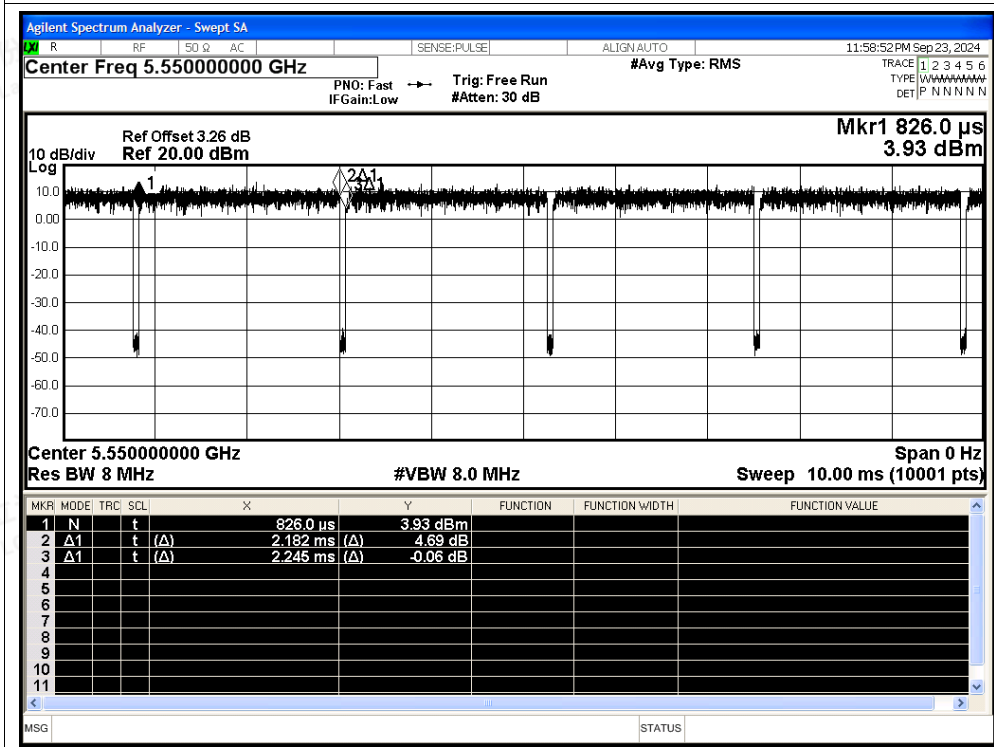




Duty Cycle NVNT ac40 5510MHz Ant2

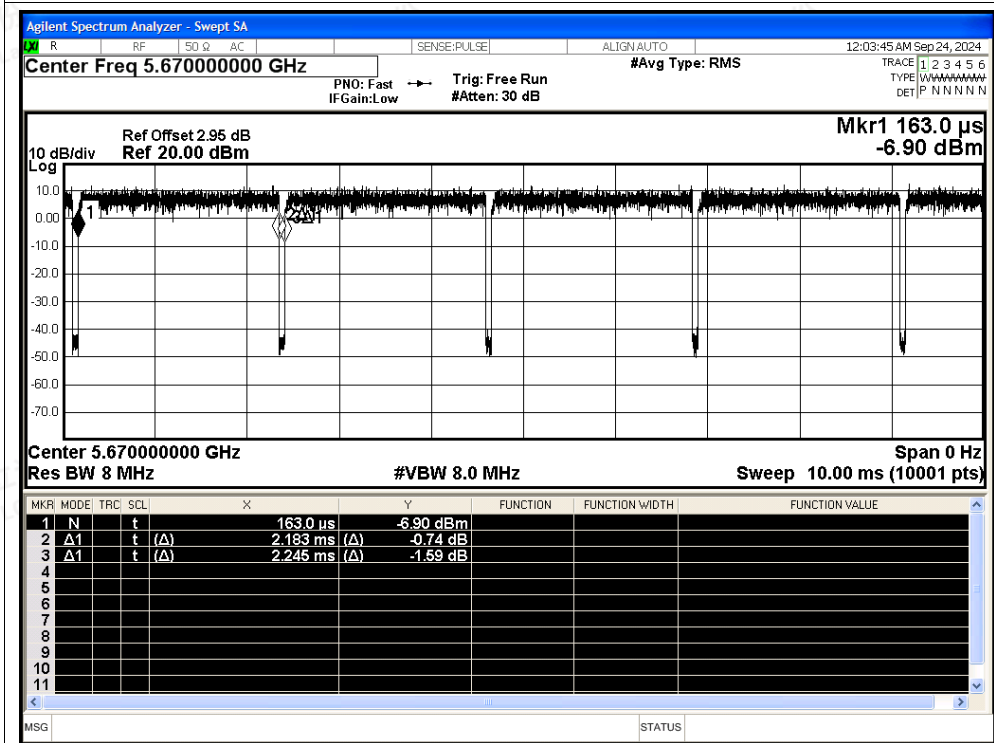


Duty Cycle NVNT ac40 5550MHz Ant2

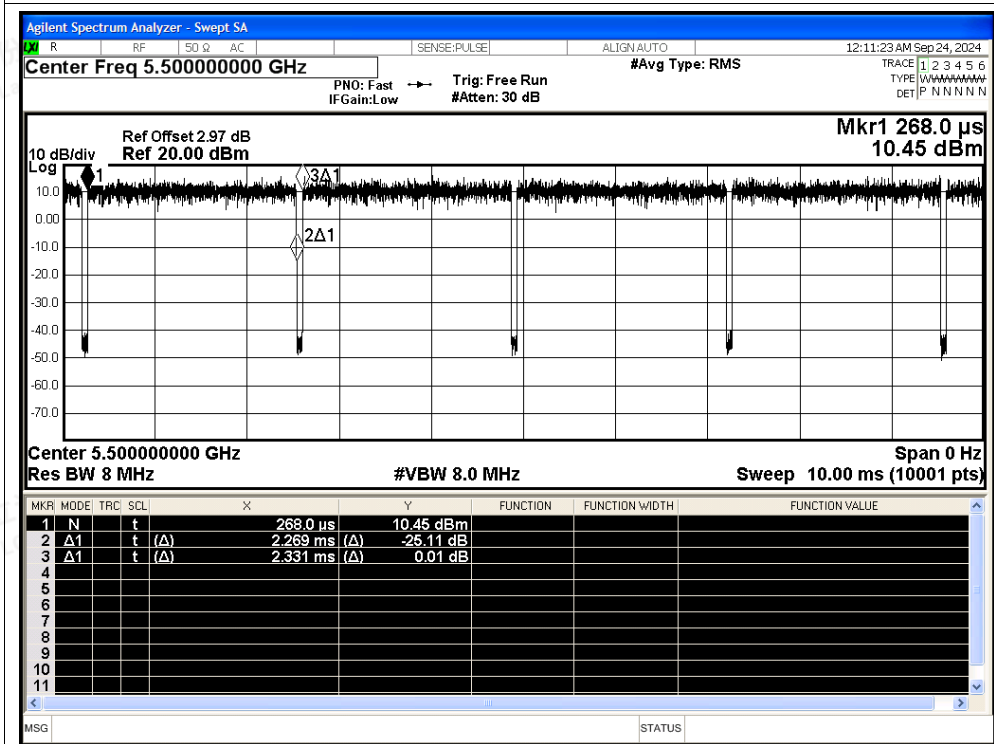




Duty Cycle NVNT ac40 5670MHz Ant2

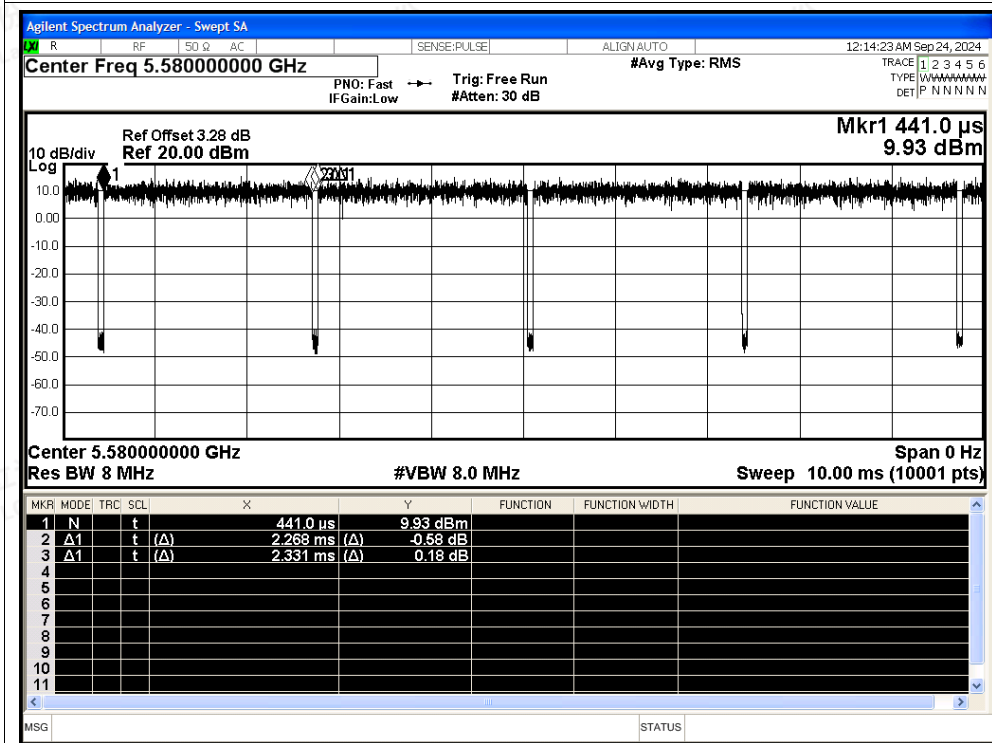


Duty Cycle NVNT ax20 5500MHz Ant2

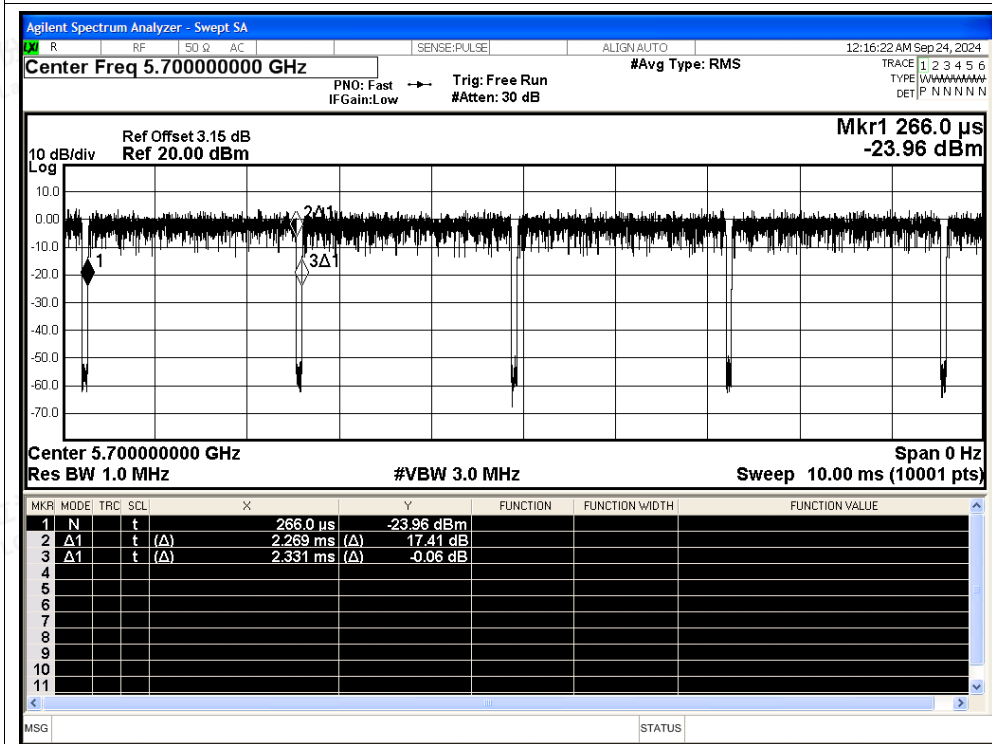




Duty Cycle NVNT ax20 5580MHz Ant2

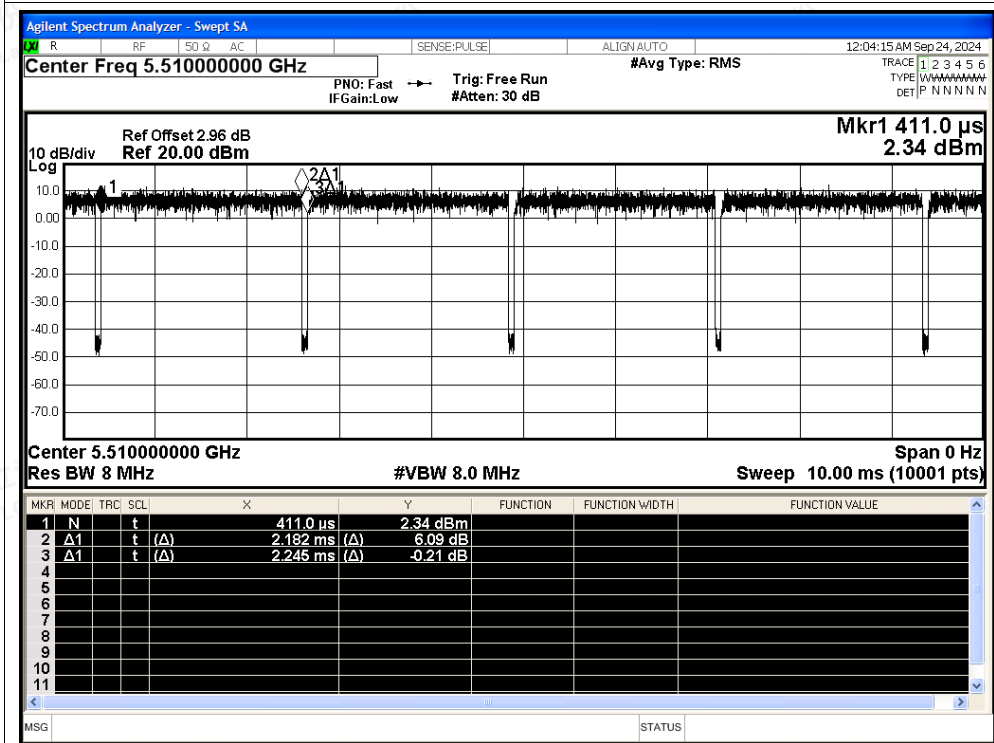


Duty Cycle NVNT ax20 5700MHz Ant2





Duty Cycle NVNT ax40 5510MHz Ant2



Duty Cycle NVNT ax40 5550MHz Ant2

