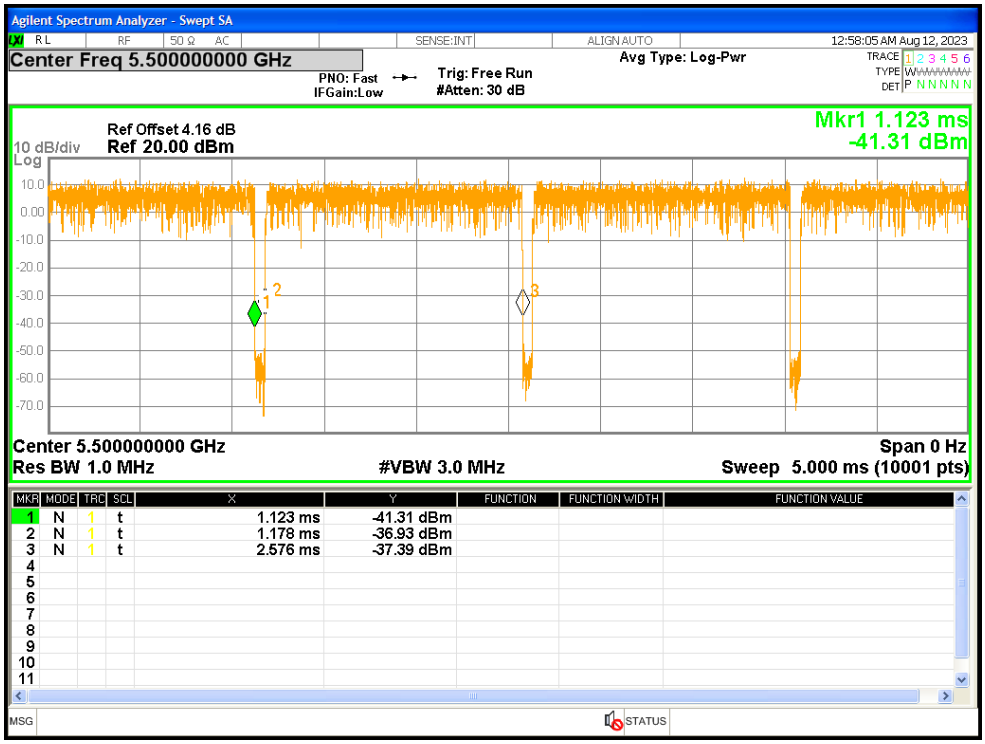
1. Duty Cycle

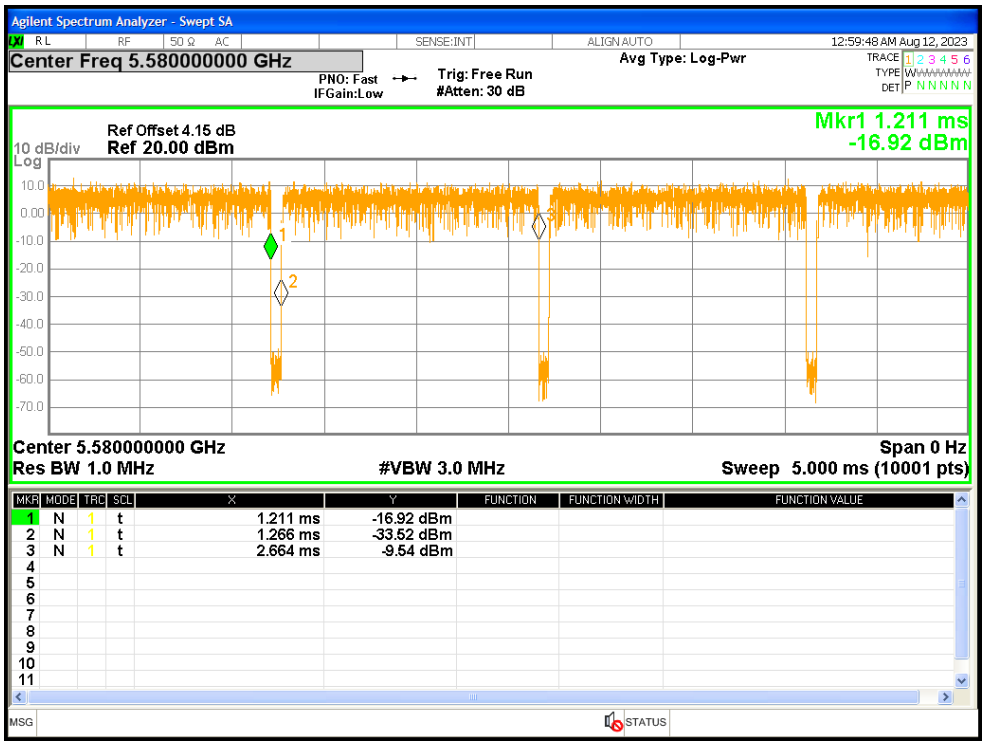
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5500	Ant1	96.21	0.17	0.72
NVNT	a	5580	Ant1	96.18	0.17	0.72
NVNT	a	5700	Ant1	96.21	0.17	0.72
NVNT	a	5500	Ant2	96.18	0.17	0.72
NVNT	a	5580	Ant2	96.15	0.17	0.72
NVNT	a	5700	Ant2	96.18	0.17	0.72
NVNT	a	5500	Ant3	96.11	0.17	0.72
NVNT	a	5580	Ant3	96.11	0.17	0.72
NVNT	a	5700	Ant3	96.15	0.17	0.72
NVNT	ac160	5570	Sum	67.2	1.73	9.86
NVNT	ac20	5500	Sum	89.57	0.48	2.08
NVNT	ac20	5580	Sum	89.57	0.48	2.08
NVNT	ac20	5700	Sum	89.57	0.48	2.08
NVNT	ac40	5510	Sum	82.2	0.85	3.83
NVNT	ac40	5550	Sum	82.33	0.84	3.83
NVNT	ac40	5670	Sum	82.49	0.84	3.82
NVNT	ac80	5530	Sum	72.91	1.37	6.69
NVNT	ac80	5610	Sum	72.91	1.37	6.69
NVNT	ax160	5570	Sum	89.29	0.49	2.42
NVNT	ax20	5500	Sum	88.48	0.53	2.33
NVNT	ax20	5580	Sum	88.47	0.53	2.33
NVNT	ax20	5700	Sum	88.48	0.53	2.33
NVNT	ax40	5510	Sum	83	0.81	3.69
NVNT	ax40	5550	Sum	82.85	0.82	3.7
NVNT	ax40	5670	Sum	82.85	0.82	3.7
NVNT	ax80	5530	Sum	76.97	1.14	5.39
NVNT	ax80	5610	Sum	76.78	1.15	5.4
NVNT	n20	5500	Sum	95.91	0.18	0.76
NVNT	n20	5580	Sum	95.91	0.18	0.76
NVNT	n20	5700	Sum	95.91	0.18	0.76
NVNT	n40	5510	Sum	92.06	0.36	1.54
NVNT	n40	5550	Sum	92.22	0.35	1.52
NVNT	n40	5670	Sum	92.15	0.36	1.52

Test Graphs

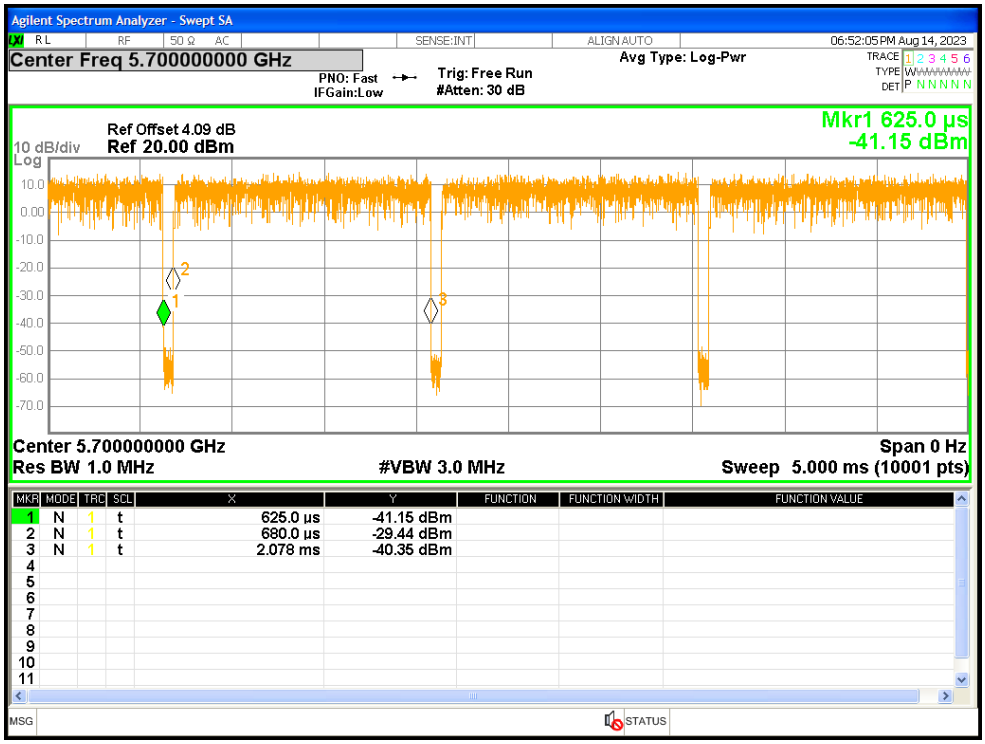
Duty Cycle NVNT a 5500MHz Ant1



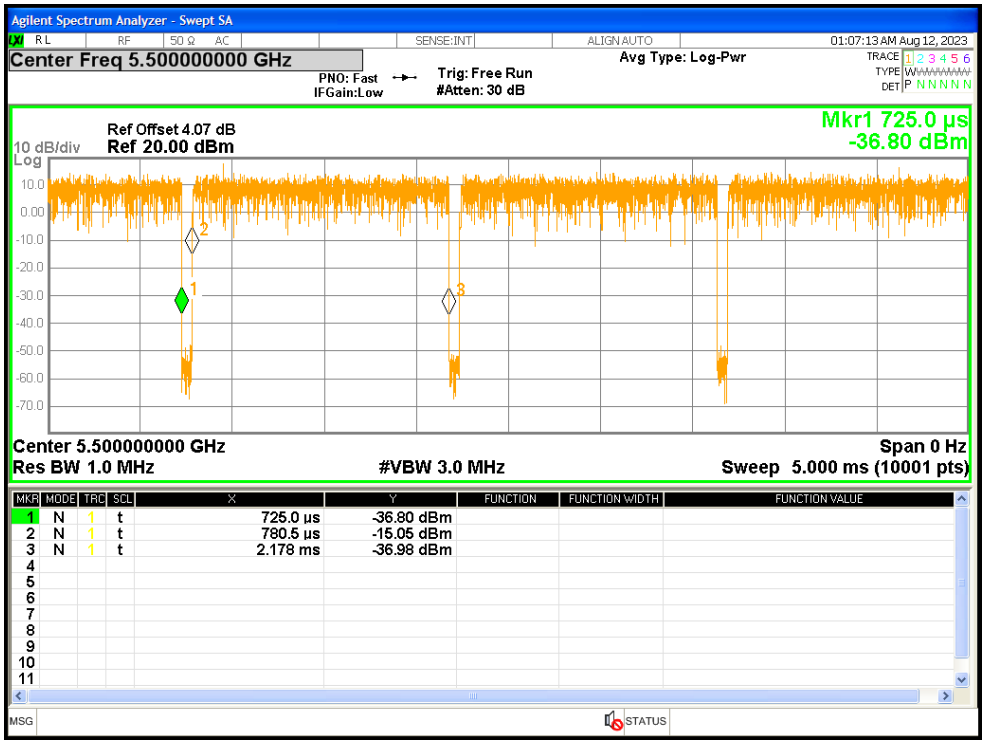
Duty Cycle NVNT a 5580MHz Ant1



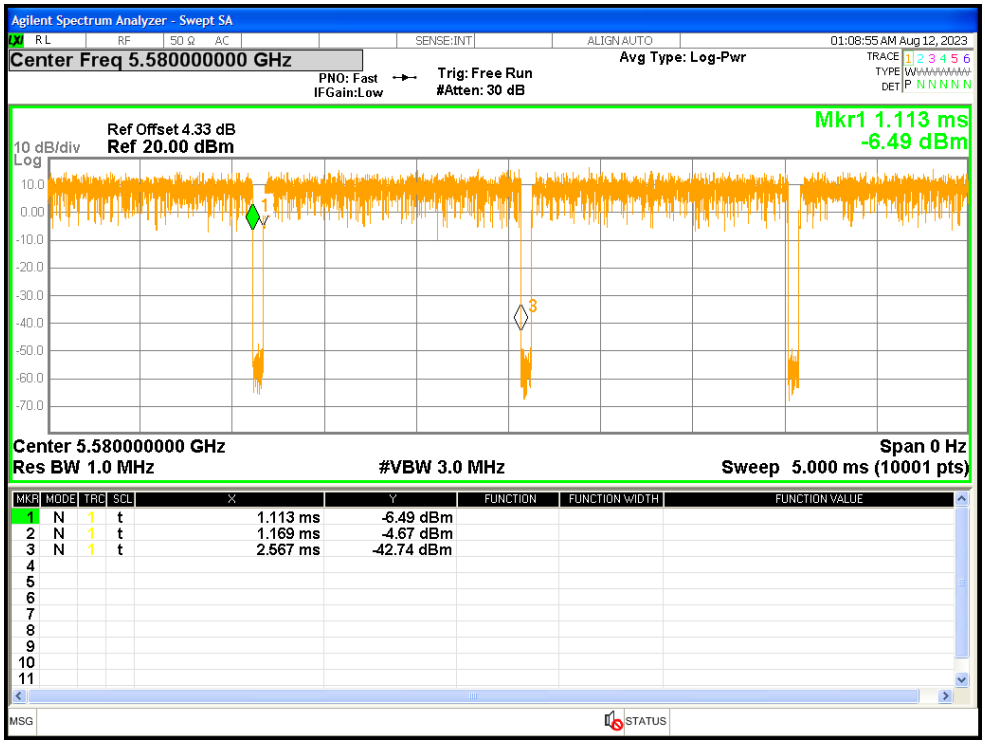
Duty Cycle NVNT a 5700MHz Ant1



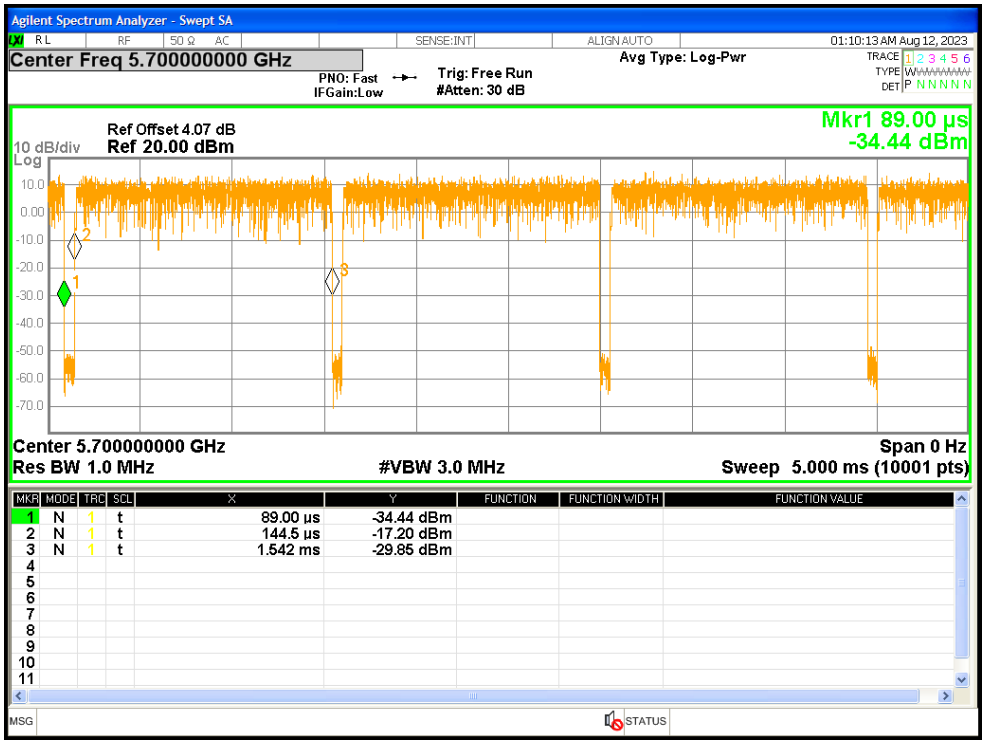
Duty Cycle NVNT a 5500MHz Ant2



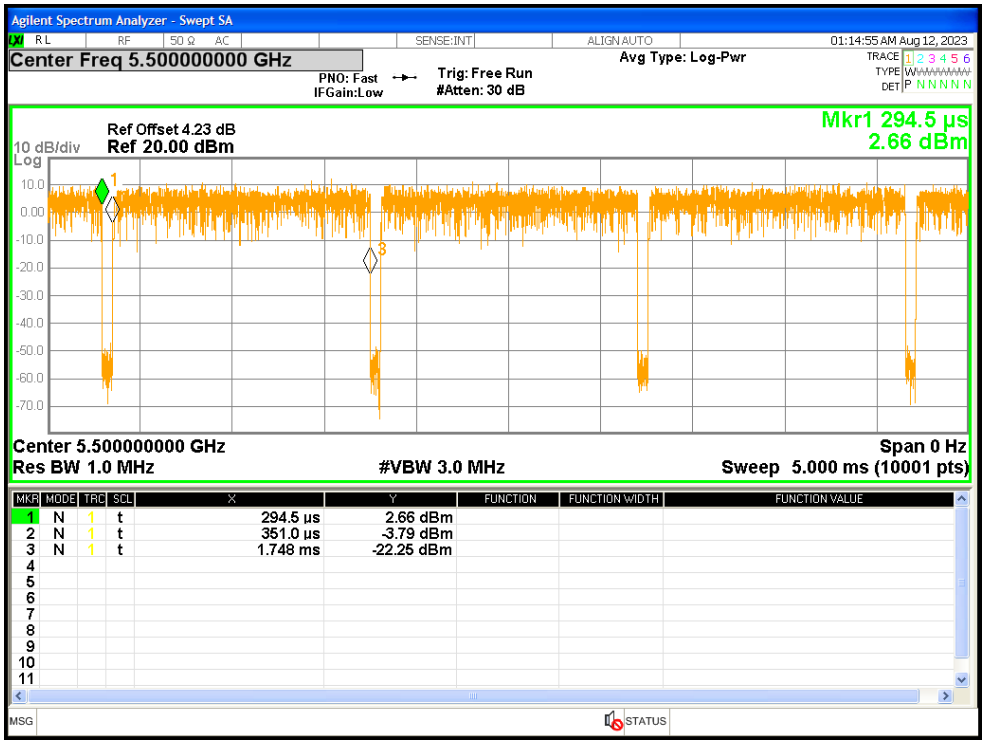
Duty Cycle NVNT a 5580MHz Ant2



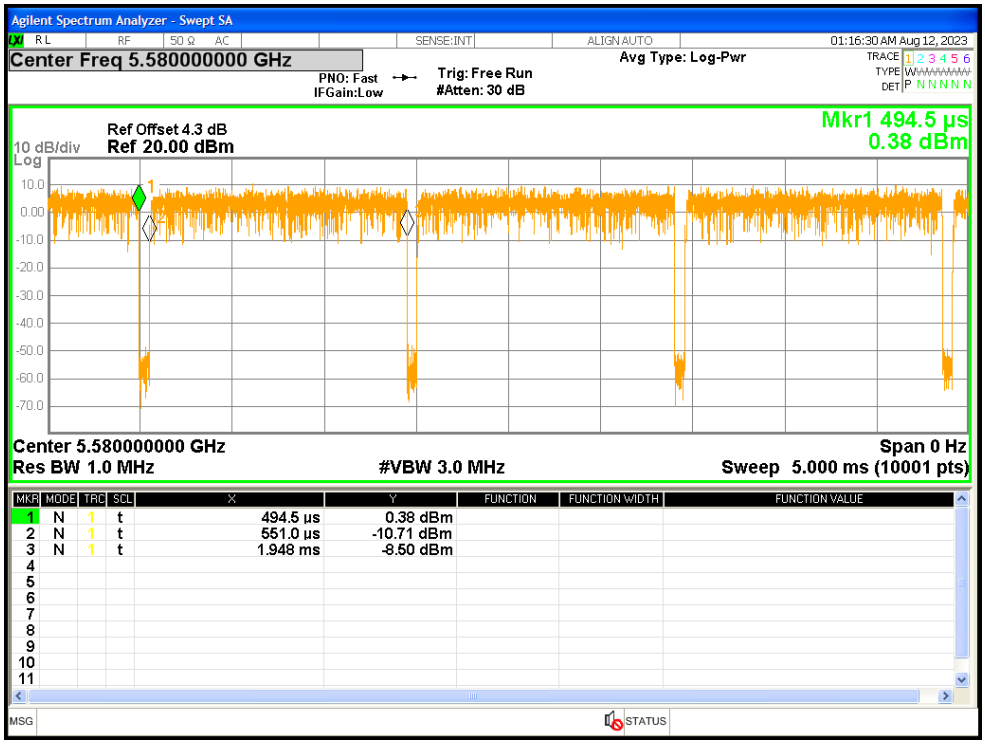
Duty Cycle NVNT a 5700MHz Ant2



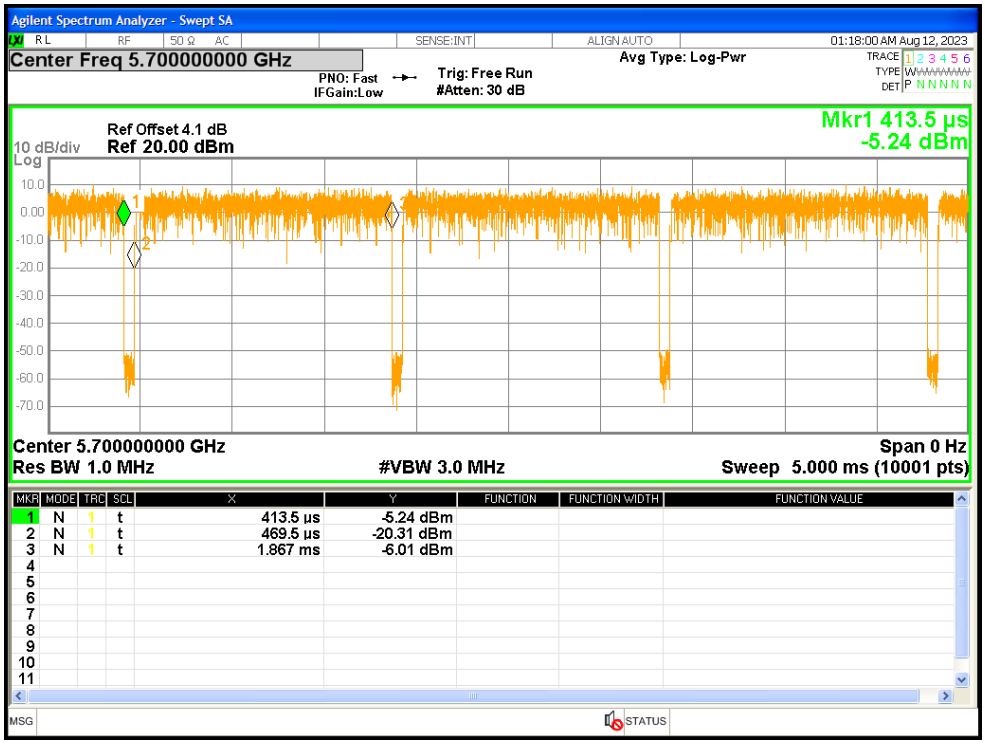
Duty Cycle NVNT a 5500MHz Ant3



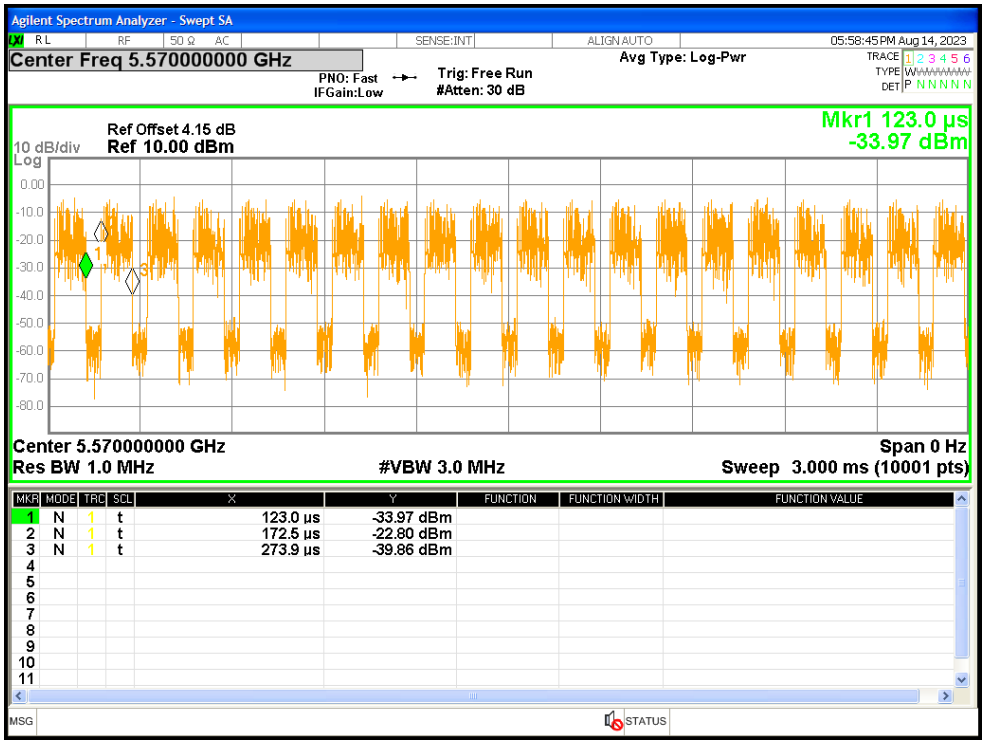
Duty Cycle NVNT a 5580MHz Ant3



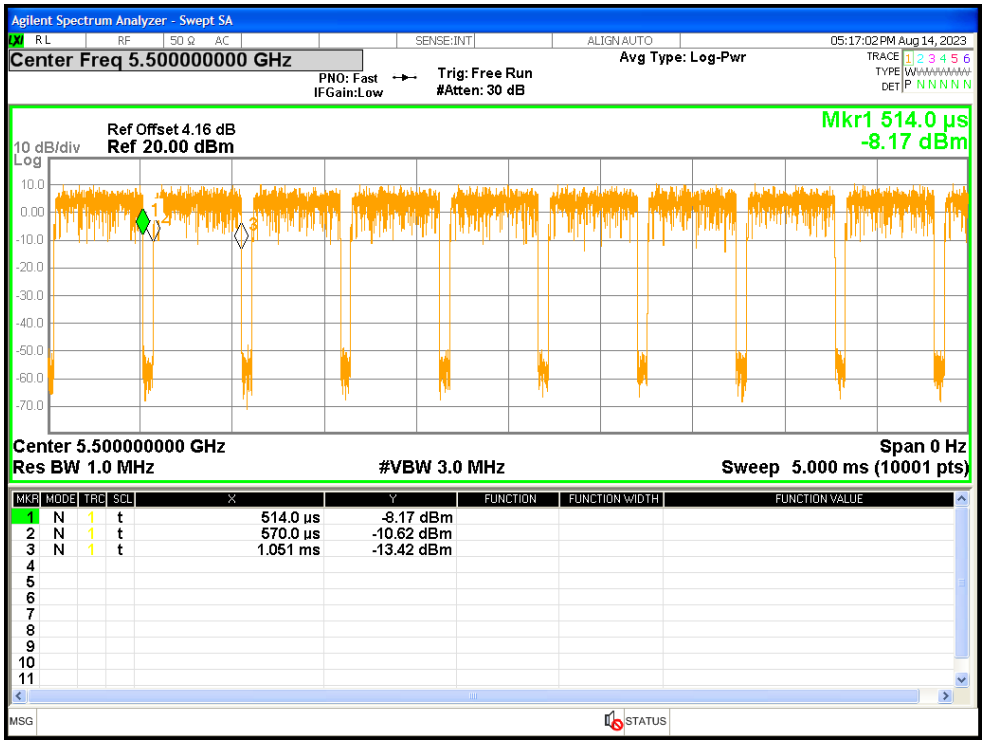
Duty Cycle NVNT a 5700MHz Ant3



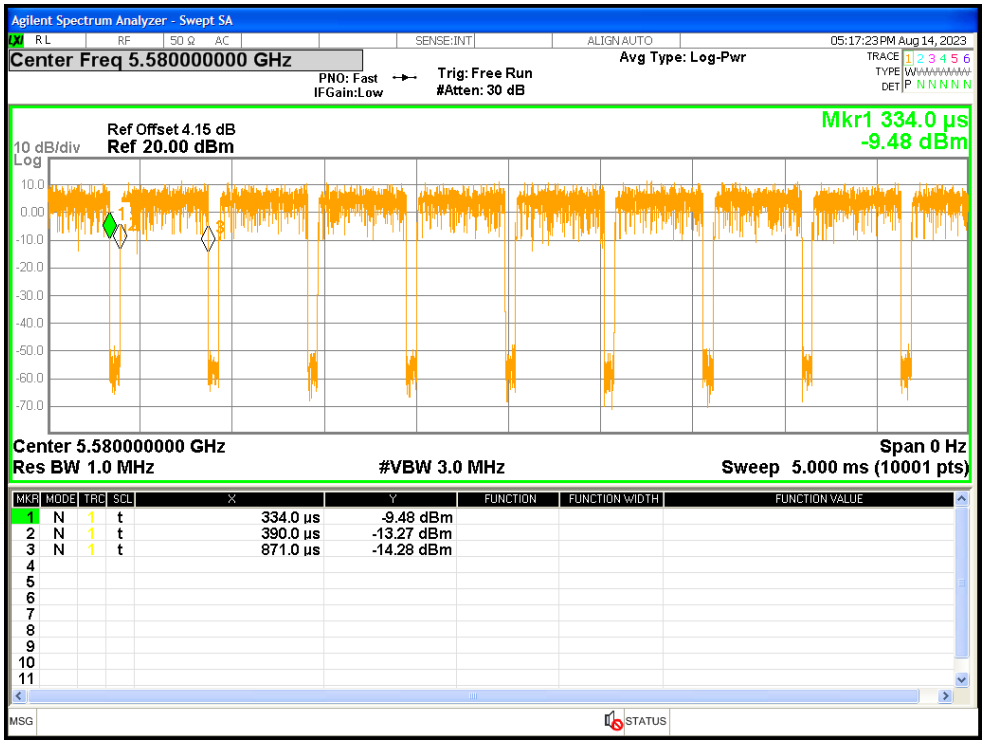
Duty Cycle NVNT ac160 5570MHz Sum



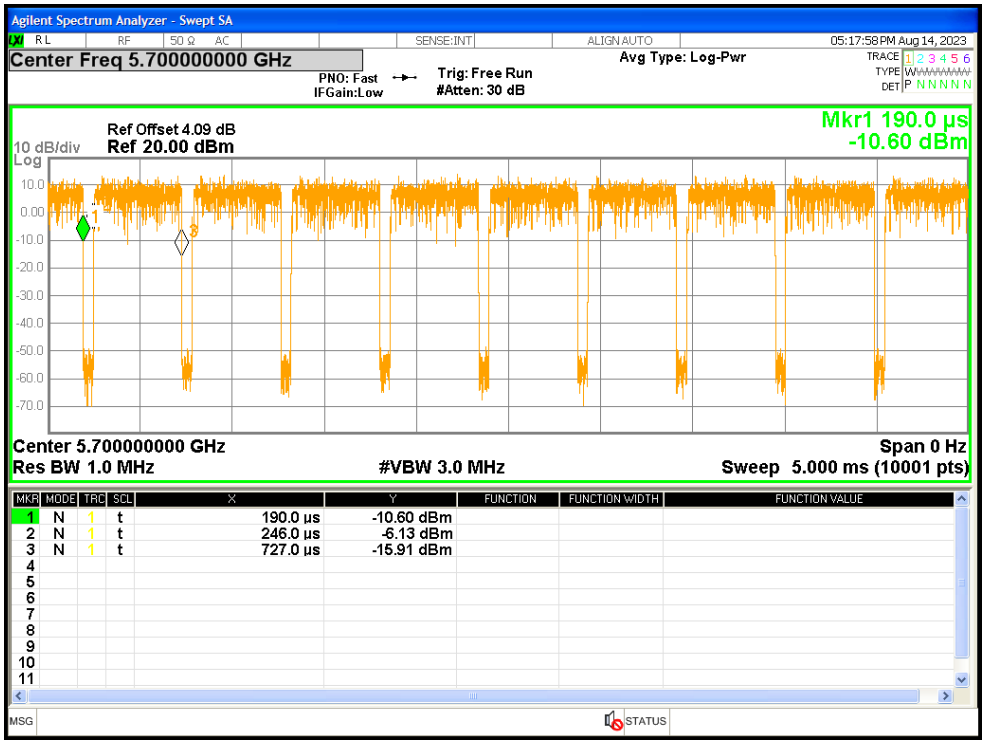
Duty Cycle NVNT ac20 5500MHz Sum



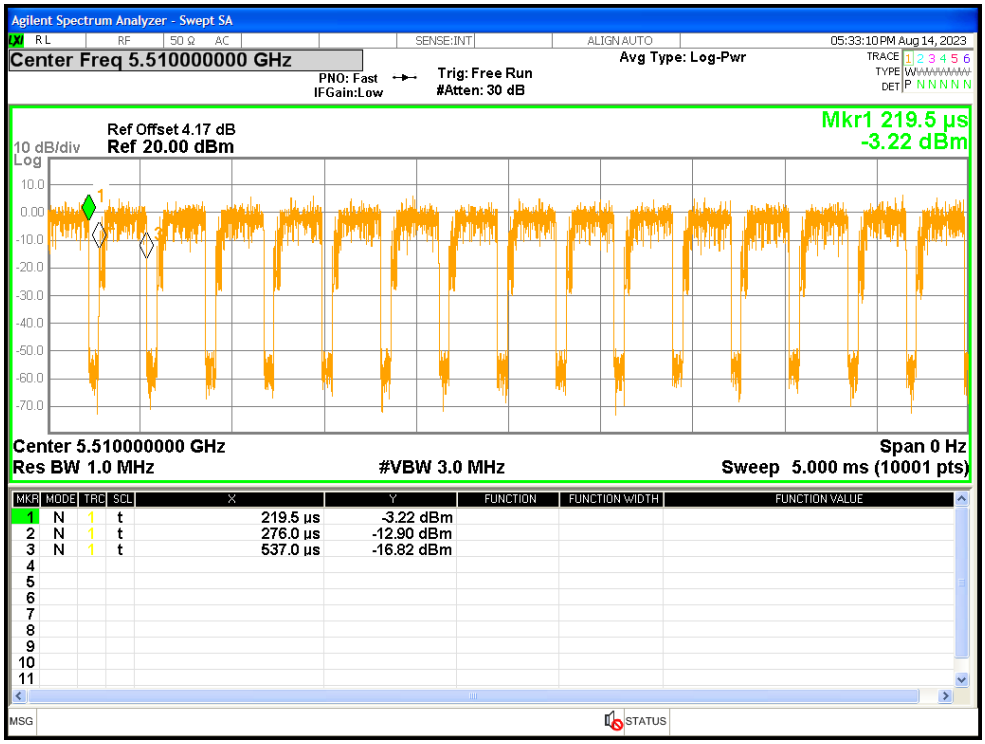
Duty Cycle NVNT ac20 5580MHz Sum



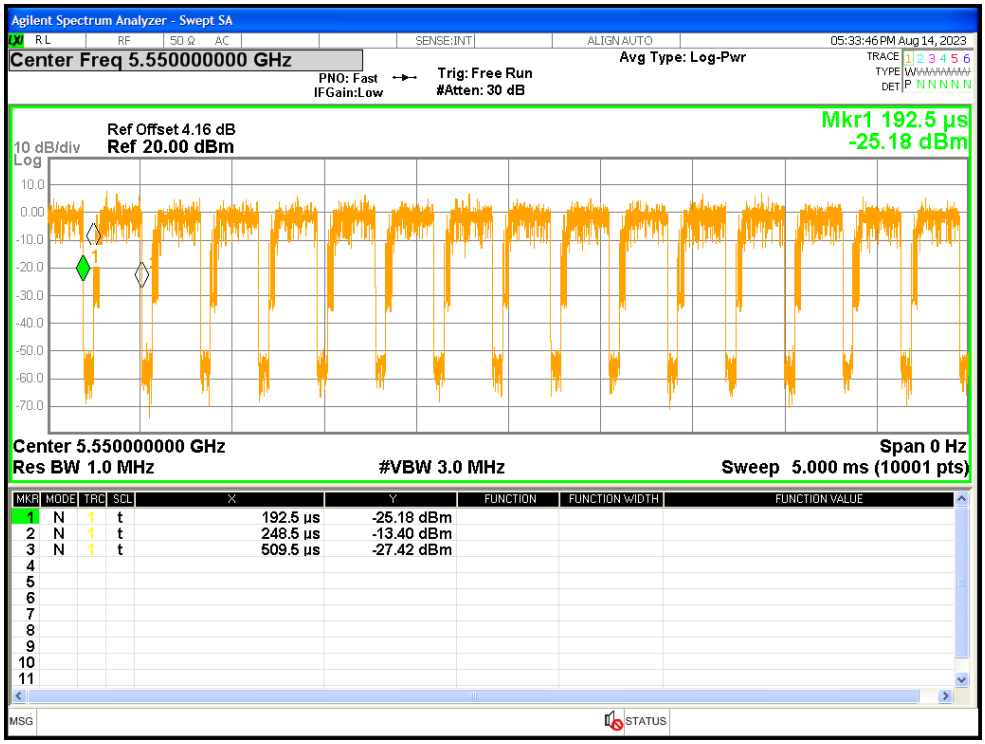
Duty Cycle NVNT ac20 5700MHz Sum



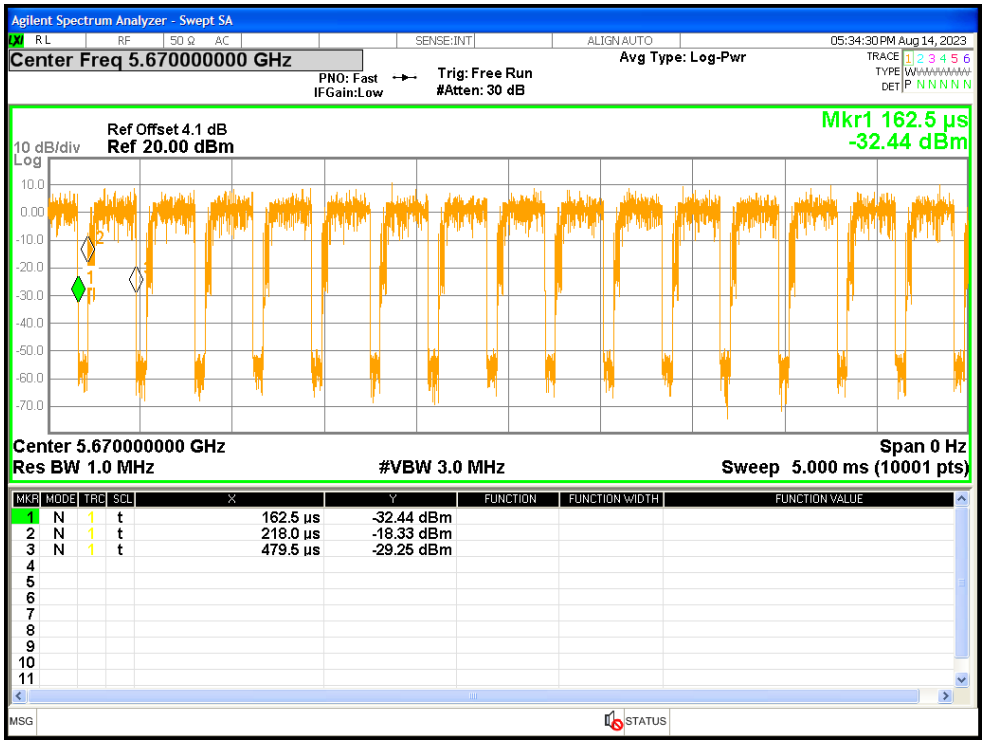
Duty Cycle NVNT ac40 5510MHz Sum



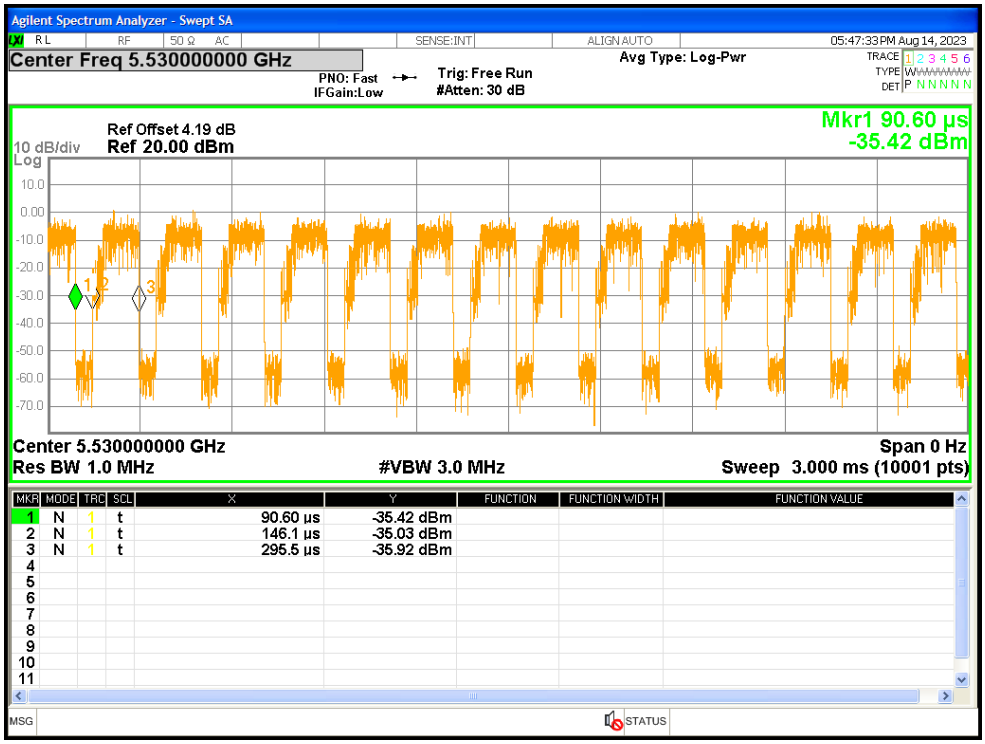
Duty Cycle NVNT ac40 5550MHz Sum



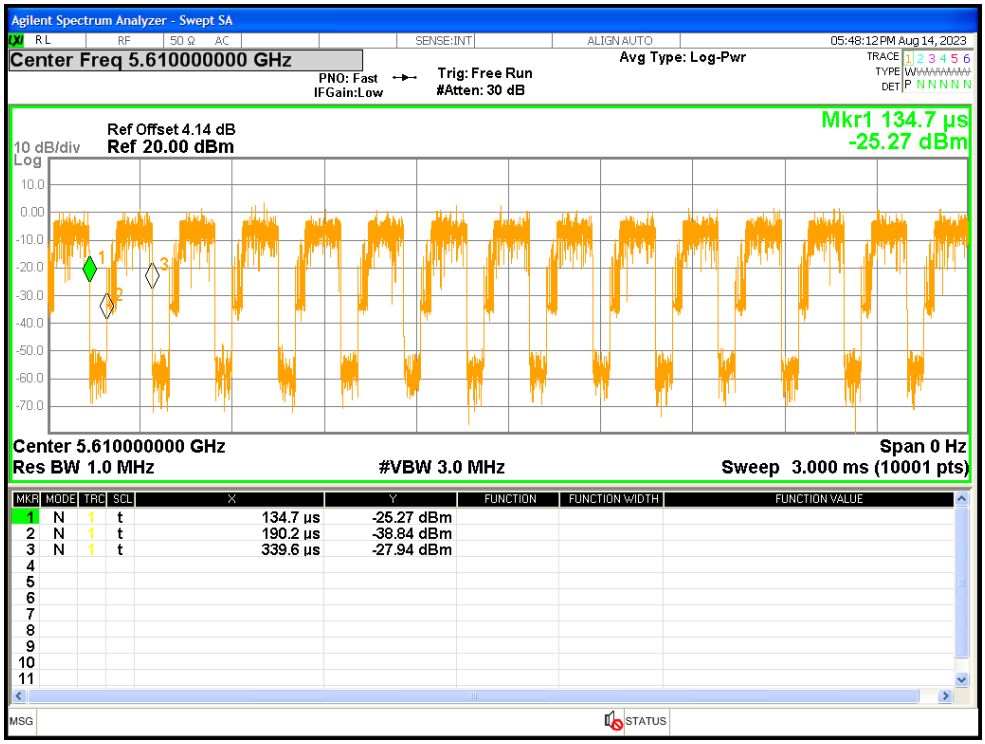
Duty Cycle NVNT ac40 5670MHz Sum



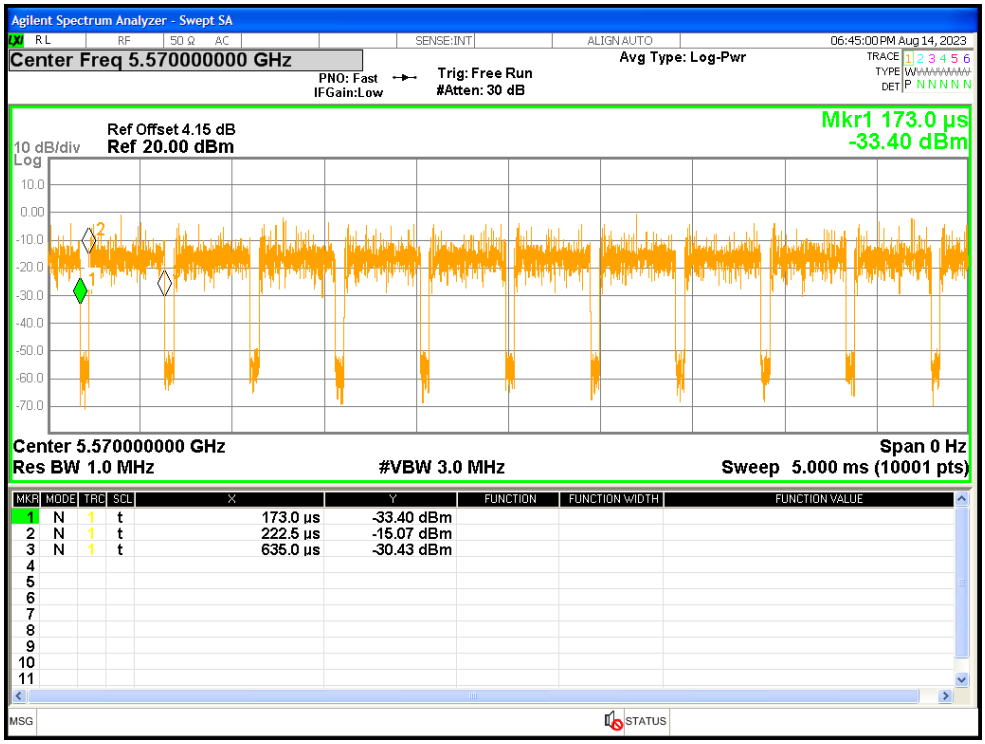
Duty Cycle NVNT ac80 5530MHz Sum



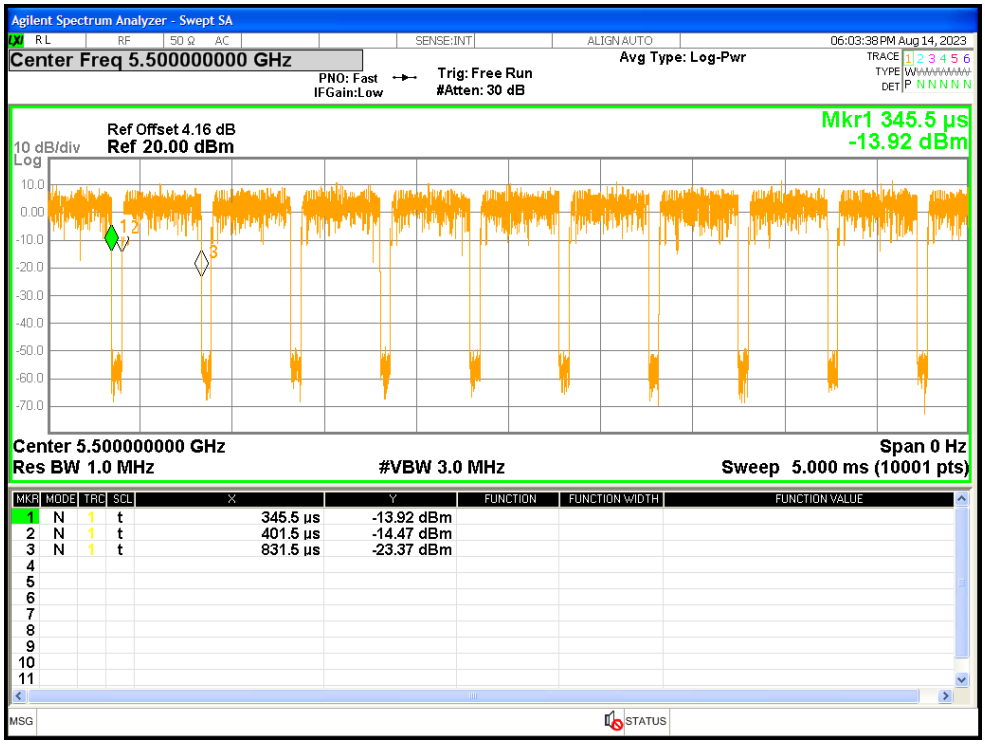
Duty Cycle NVNT ac80 5610MHz Sum



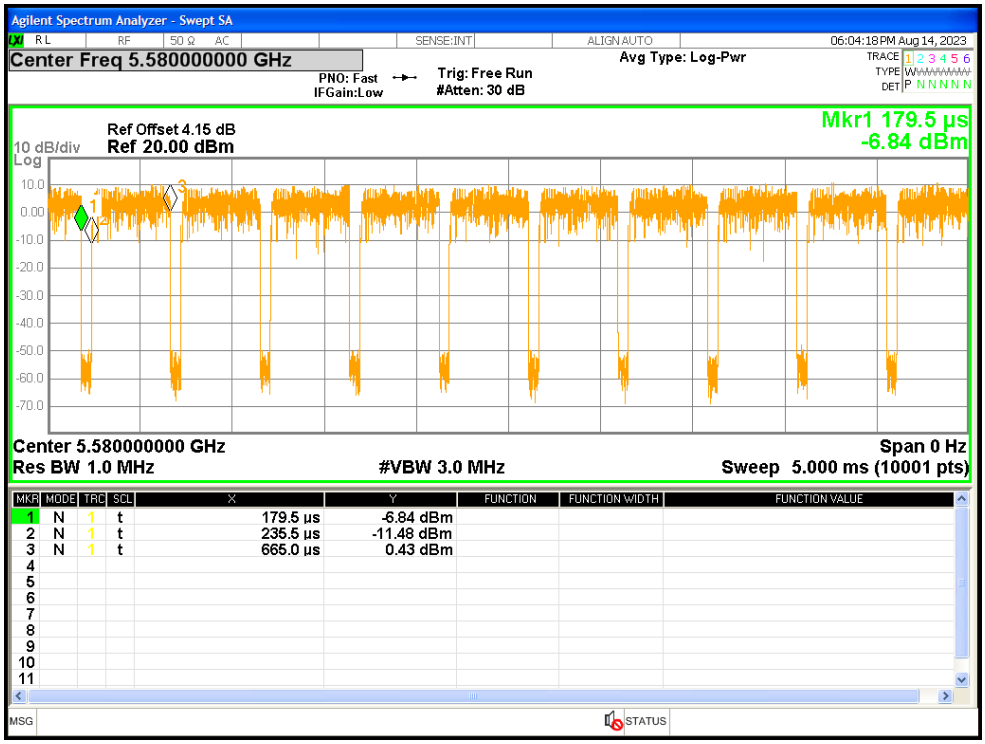
Duty Cycle NVNT ax160 5570MHz Sum



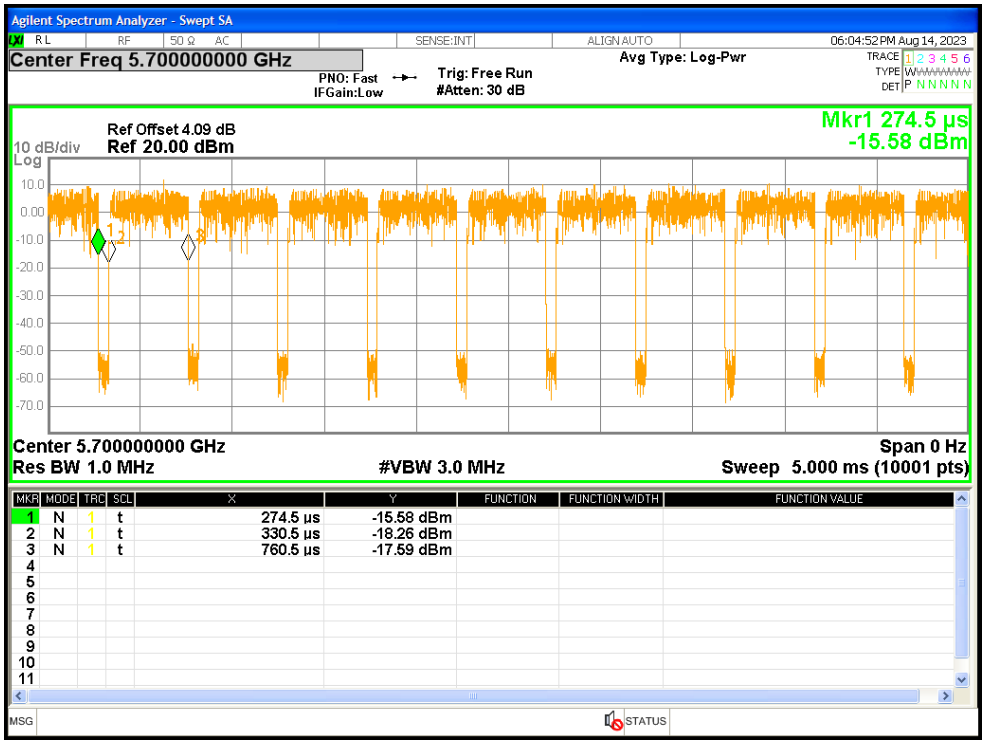
Duty Cycle NVNT ax20 5500MHz Sum



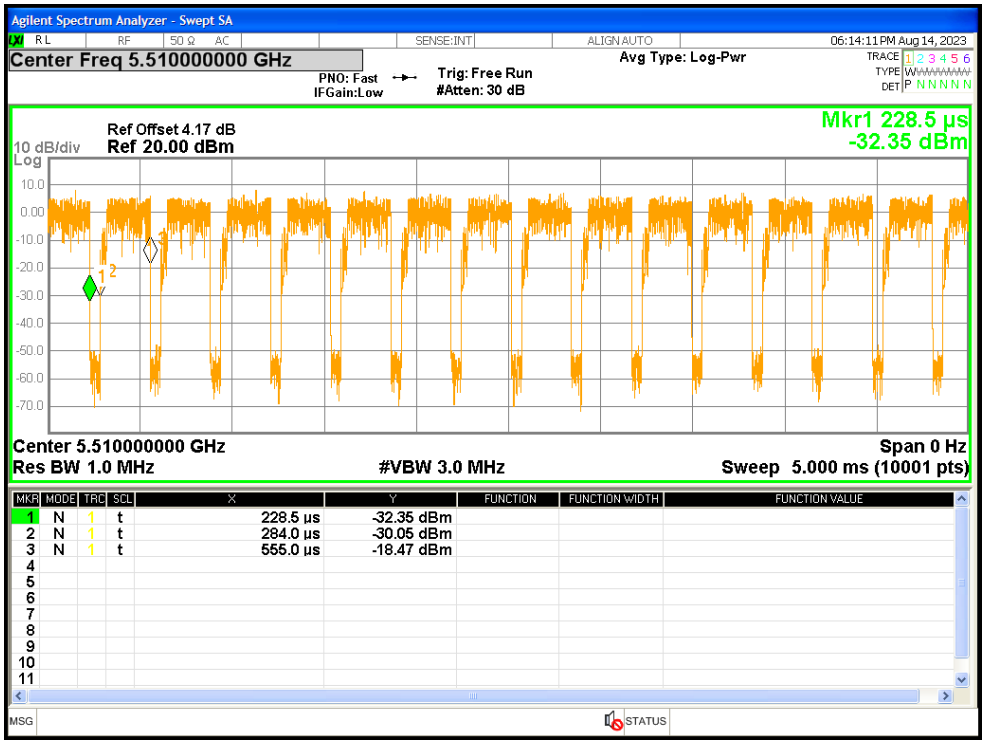
Duty Cycle NVNT ax20 5580MHz Sum



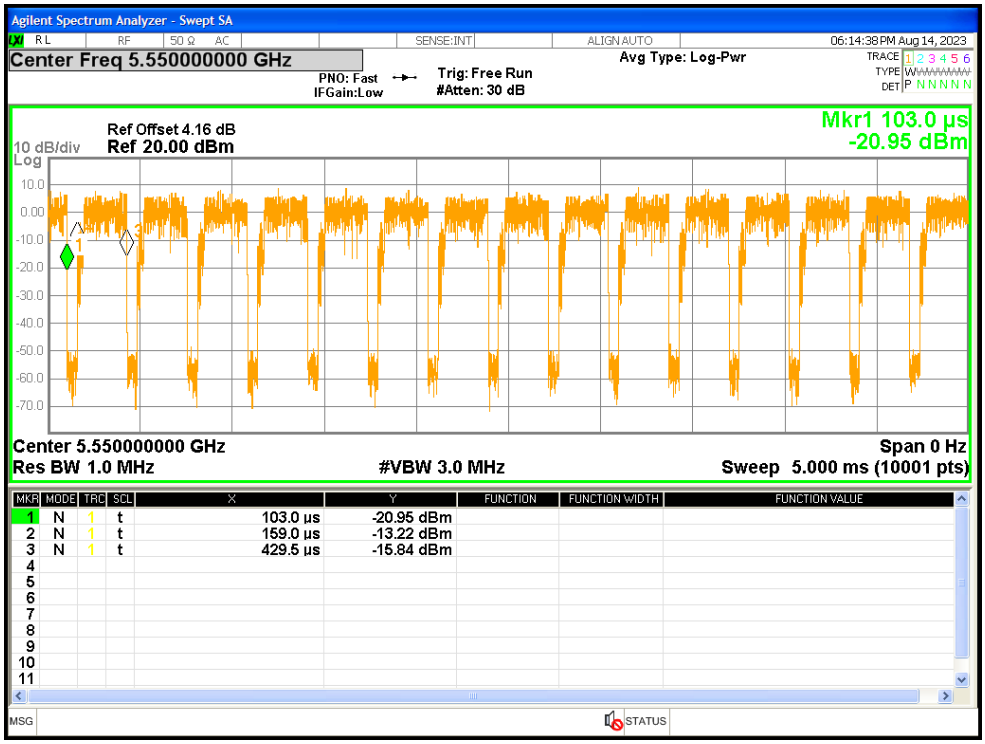
Duty Cycle NVNT ax20 5700MHz Sum



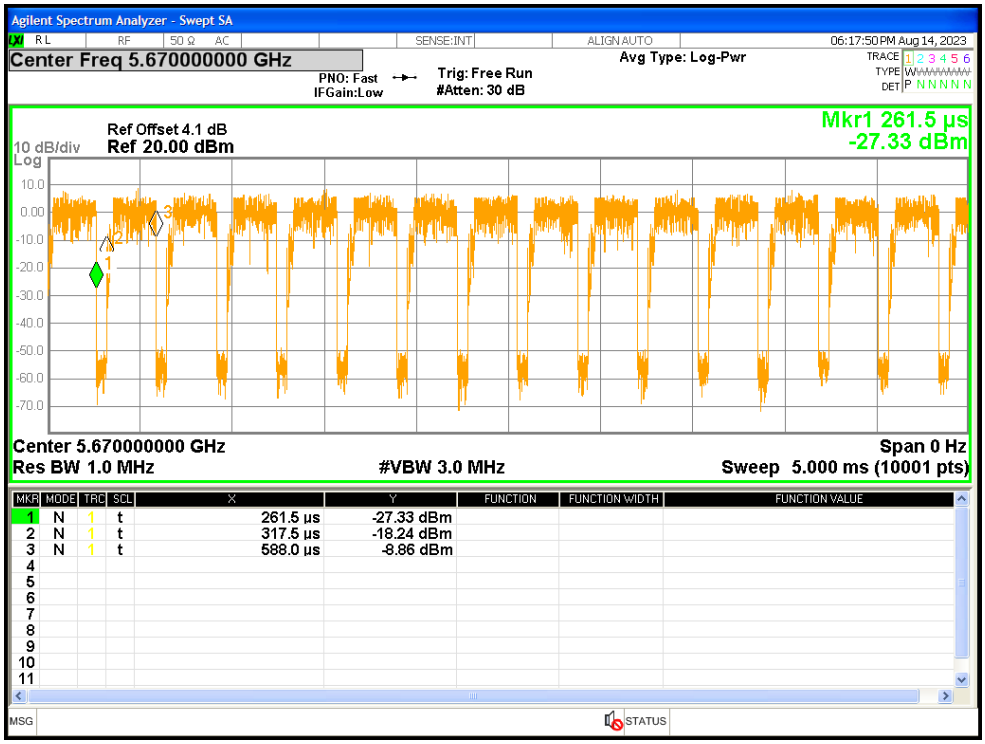
Duty Cycle NVNT ax40 5510MHz Sum



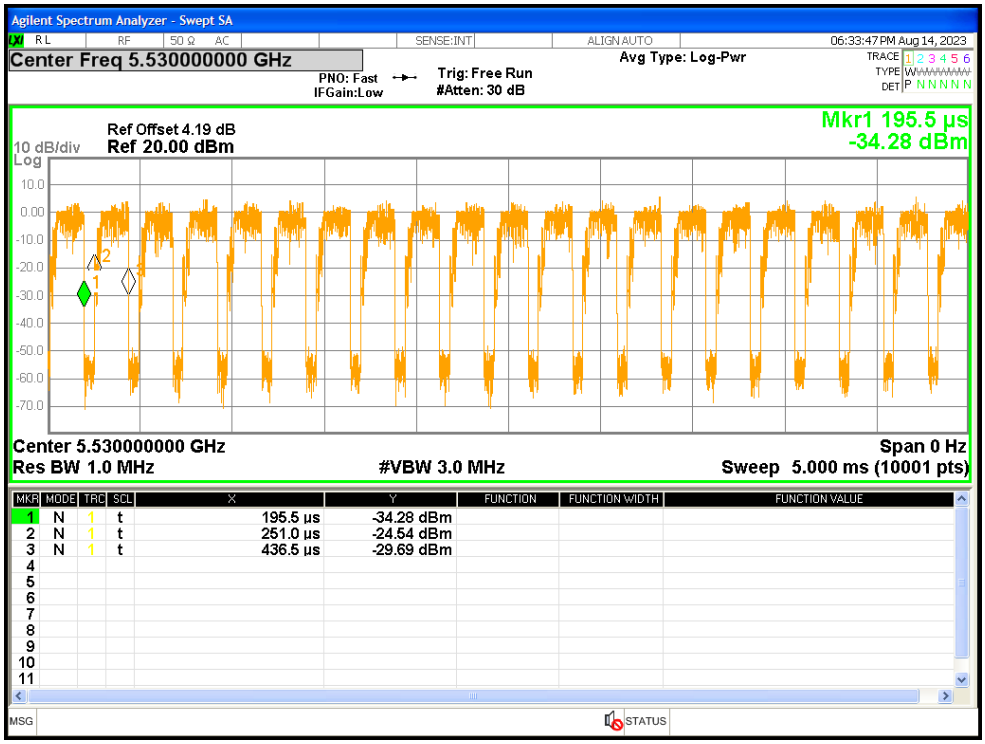
Duty Cycle NVNT ax40 5550MHz Sum



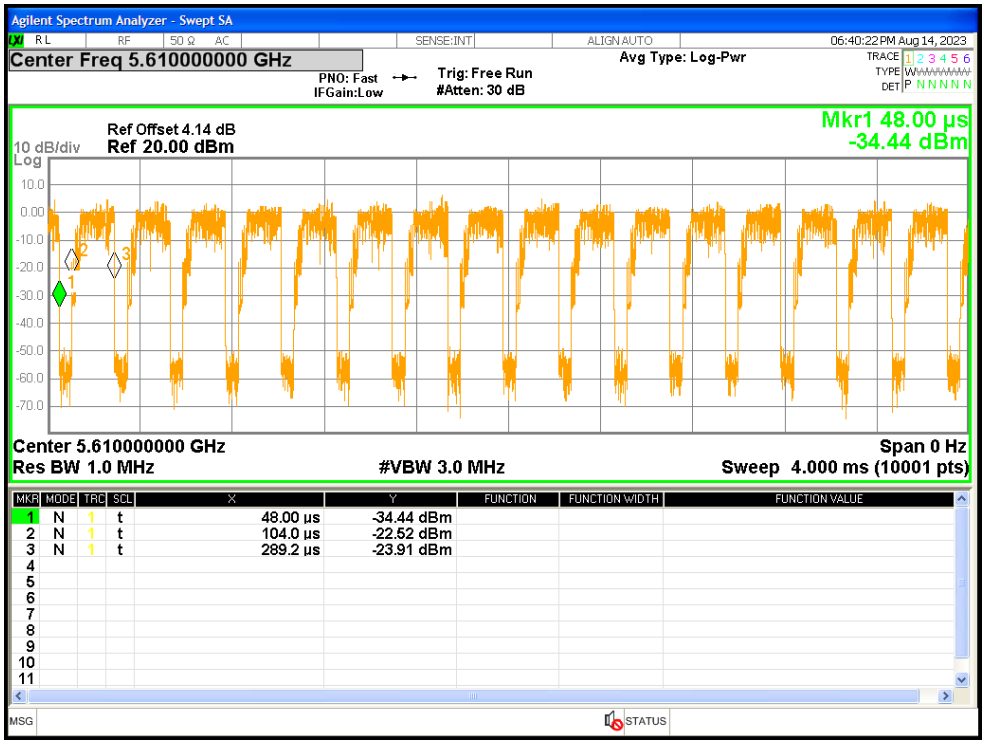
Duty Cycle NVNT ax40 5670MHz Sum



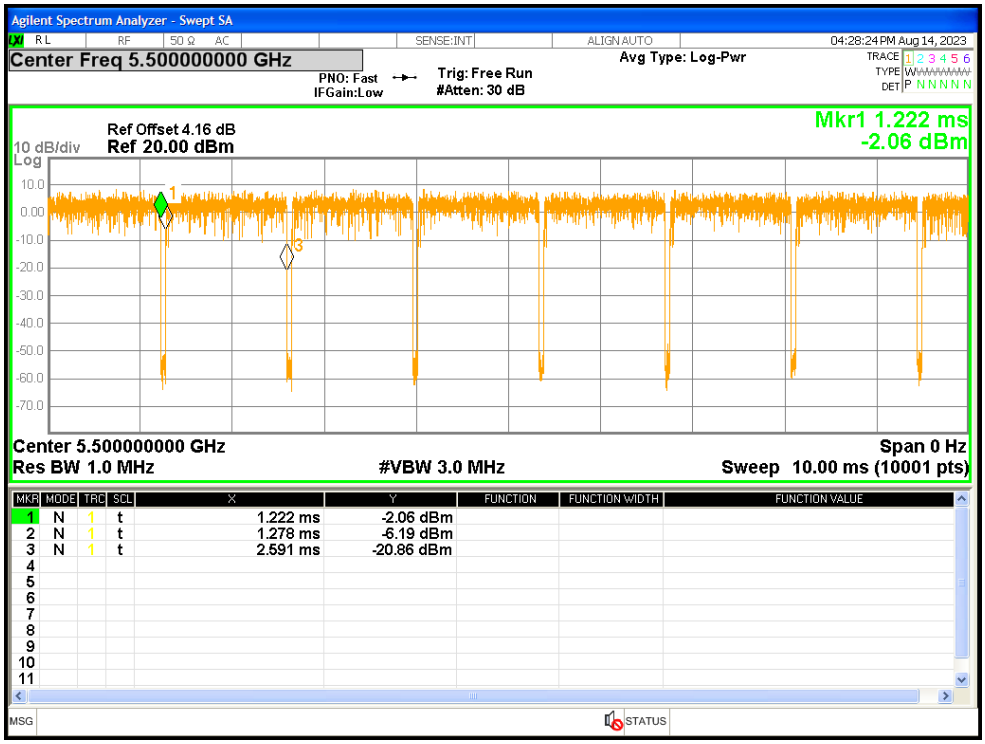
Duty Cycle NVNT ax80 5530MHz Sum



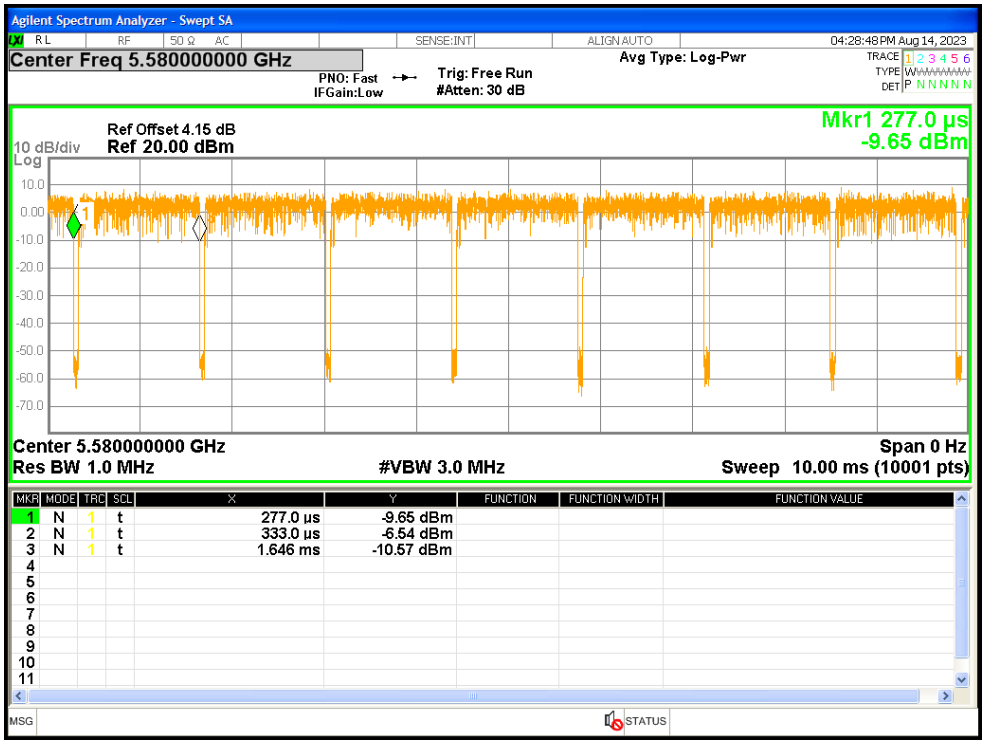
Duty Cycle NVNT ax80 5610MHz Sum



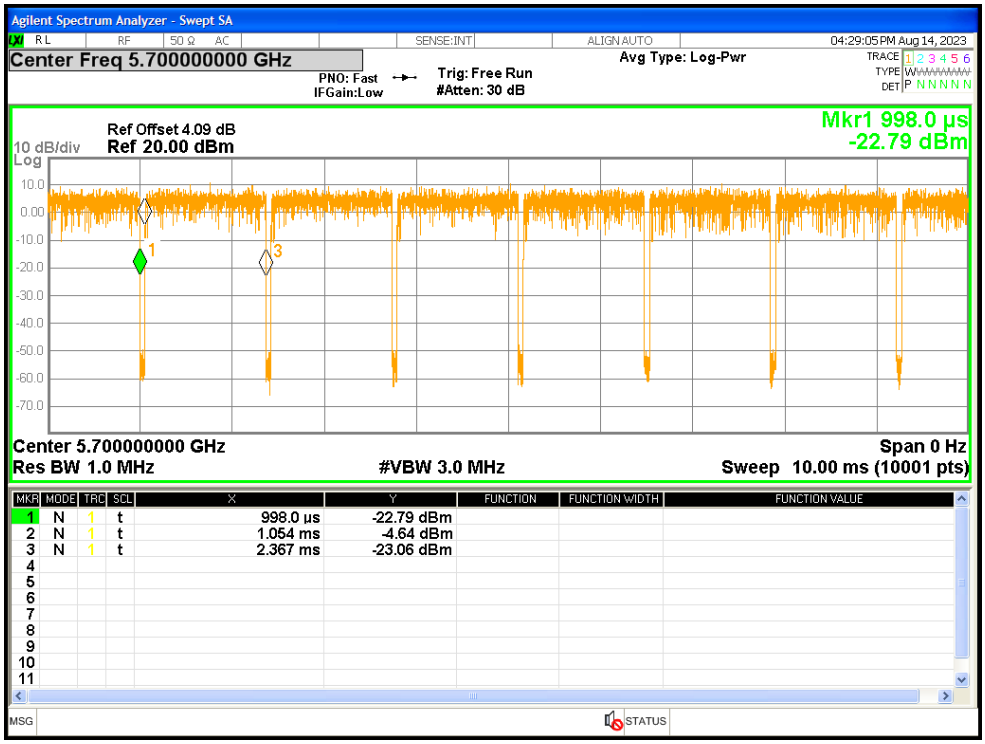
Duty Cycle NVNT n20 5500MHz Sum



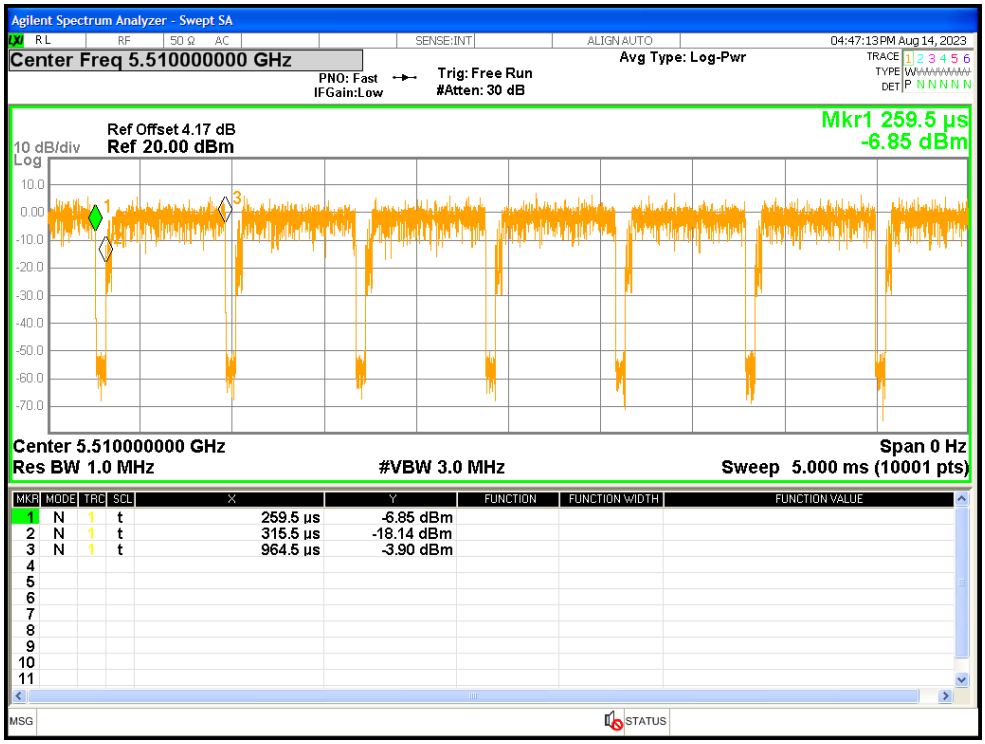
Duty Cycle NVNT n20 5580MHz Sum



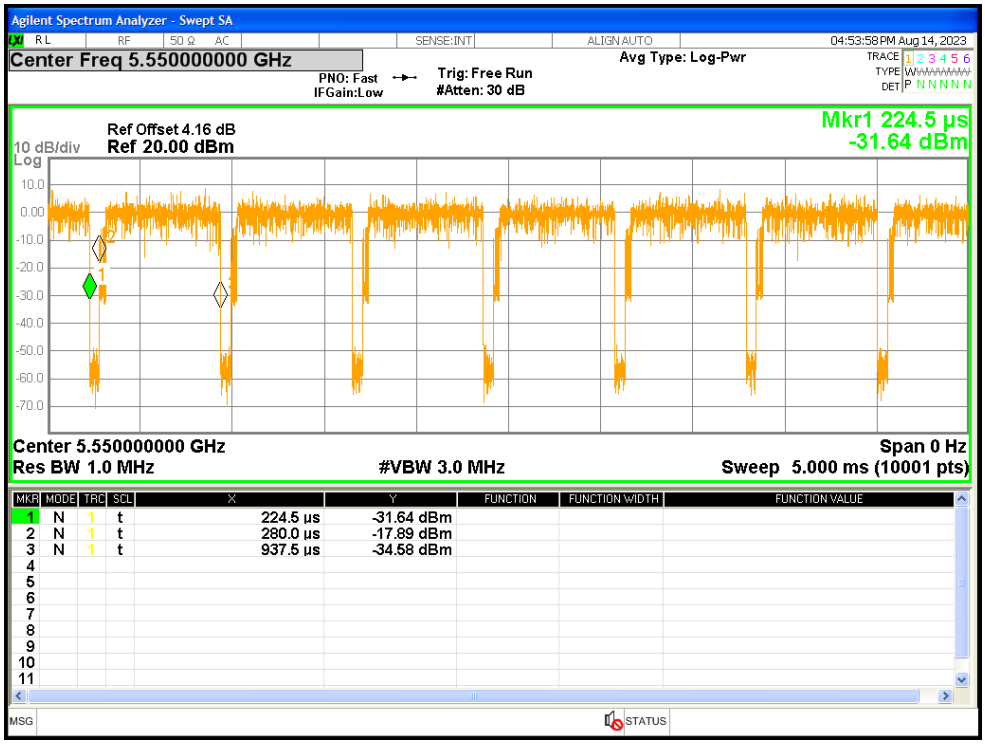
Duty Cycle NVNT n20 5700MHz Sum



Duty Cycle NVNT n40 5510MHz Sum



Duty Cycle NVNT n40 5550MHz Sum



Duty Cycle NVNT n40 5670MHz Sum

2. Maximum Conducted Output Power

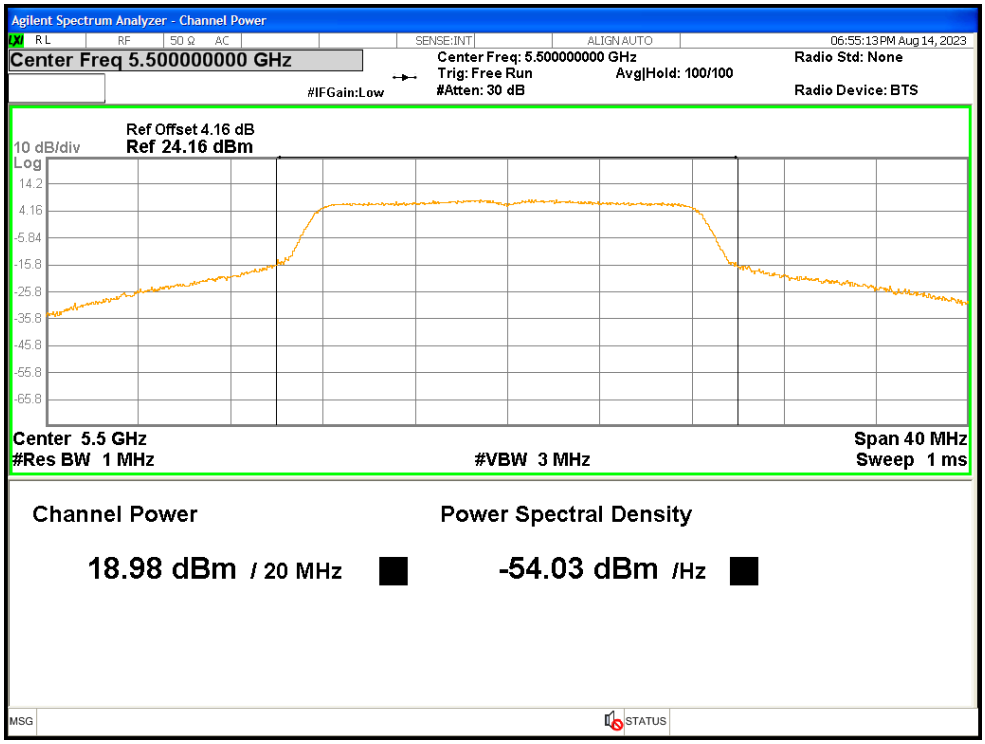
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant1	18.98	0.17	19.15	<=24	Pass
NVNT	a	5580	Ant1	19.36	0.17	19.53	<=24	Pass
NVNT	a	5700	Ant1	18.47	0.17	18.64	<=24	Pass
NVNT	a	5500	Ant2	18.97	0.17	19.14	<=24	Pass
NVNT	a	5580	Ant2	19.25	0.17	19.42	<=24	Pass
NVNT	a	5700	Ant2	18.09	0.17	18.26	<=24	Pass
NVNT	a	5500	Ant3	18.87	0.17	19.04	<=24	Pass
NVNT	a	5580	Ant3	19.44	0.17	19.61	<=24	Pass
NVNT	a	5700	Ant3	17.91	0.17	18.08	<=24	Pass
NVNT	ac160	5570	Ant1	12.33	1.73	14.06	<=24	Pass
NVNT	ac160	5570	Ant2	12.35	1.73	14.08	<=24	Pass
NVNT	ac160	5570	Ant3	12.53	1.73	14.26	<=24	Pass
NVNT	ac160	5570	Sum	17.18	1.73	18.91	<=20.96	Pass
NVNT	ac20	5500	Ant1	11.88	0.48	12.36	<=24	Pass
NVNT	ac20	5500	Ant2	11.85	0.48	12.33	<=24	Pass
NVNT	ac20	5500	Ant3	11.69	0.48	12.17	<=24	Pass
NVNT	ac20	5500	Sum	16.58	0.48	17.06	<=20.96	Pass
NVNT	ac20	5580	Ant1	12.2	0.48	12.68	<=24	Pass
NVNT	ac20	5580	Ant2	12.01	0.48	12.49	<=24	Pass
NVNT	ac20	5580	Ant3	12.26	0.48	12.74	<=24	Pass
NVNT	ac20	5580	Sum	16.93	0.48	17.41	<=20.96	Pass
NVNT	ac20	5700	Ant1	11.36	0.48	11.84	<=24	Pass
NVNT	ac20	5700	Ant2	10.82	0.48	11.3	<=24	Pass
NVNT	ac20	5700	Ant3	10.83	0.48	11.31	<=24	Pass
NVNT	ac20	5700	Sum	15.78	0.48	16.26	<=20.96	Pass
NVNT	ac40	5510	Ant1	13.65	0.85	14.5	<=24	Pass
NVNT	ac40	5510	Ant2	13.67	0.85	14.52	<=24	Pass
NVNT	ac40	5510	Ant3	13.67	0.85	14.52	<=24	Pass
NVNT	ac40	5510	Sum	18.43	0.85	19.28	<=20.96	Pass
NVNT	ac40	5550	Ant1	13.86	0.84	14.7	<=24	Pass
NVNT	ac40	5550	Ant2	13.88	0.84	14.72	<=24	Pass
NVNT	ac40	5550	Ant3	13.91	0.84	14.75	<=24	Pass
NVNT	ac40	5550	Sum	18.65	0.84	19.49	<=20.96	Pass
NVNT	ac40	5670	Ant1	13.31	0.84	14.15	<=24	Pass
NVNT	ac40	5670	Ant2	13.07	0.84	13.91	<=24	Pass
NVNT	ac40	5670	Ant3	13.16	0.84	14	<=24	Pass
NVNT	ac40	5670	Sum	17.95	0.84	18.79	<=20.96	Pass
NVNT	ac80	5530	Ant1	13.17	1.37	14.54	<=24	Pass
NVNT	ac80	5530	Ant2	13.02	1.37	14.39	<=24	Pass

NVNT	ac80	5530	Ant3	13	1.37	14.37	<=24	Pass
NVNT	ac80	5530	Sum	17.84	1.37	19.21	<=20.96	Pass
NVNT	ac80	5610	Ant1	13.27	1.37	14.64	<=24	Pass
NVNT	ac80	5610	Ant2	13.08	1.37	14.45	<=24	Pass
NVNT	ac80	5610	Ant3	13.27	1.37	14.64	<=24	Pass
NVNT	ac80	5610	Sum	17.98	1.37	19.35	<=20.96	Pass
NVNT	ax160	5570	Ant1	14.11	0.49	14.6	<=24	Pass
NVNT	ax160	5570	Ant2	14.11	0.49	14.6	<=24	Pass
NVNT	ax160	5570	Ant3	14.37	0.49	14.86	<=24	Pass
NVNT	ax160	5570	Sum	18.97	0.49	19.46	<=20.96	Pass
NVNT	ax20	5500	Ant1	11.97	0.53	12.5	<=24	Pass
NVNT	ax20	5500	Ant2	11.95	0.53	12.48	<=24	Pass
NVNT	ax20	5500	Ant3	11.81	0.53	12.34	<=24	Pass
NVNT	ax20	5500	Sum	16.68	0.53	17.21	<=20.96	Pass
NVNT	ax20	5580	Ant1	12.25	0.53	12.78	<=24	Pass
NVNT	ax20	5580	Ant2	12.19	0.53	12.72	<=24	Pass
NVNT	ax20	5580	Ant3	12.35	0.53	12.88	<=24	Pass
NVNT	ax20	5580	Sum	17.04	0.53	17.57	<=20.96	Pass
NVNT	ax20	5700	Ant1	11.51	0.53	12.04	<=24	Pass
NVNT	ax20	5700	Ant2	11.1	0.53	11.63	<=24	Pass
NVNT	ax20	5700	Ant3	10.96	0.53	11.49	<=24	Pass
NVNT	ax20	5700	Sum	15.97	0.53	16.5	<=20.96	Pass
NVNT	ax40	5510	Ant1	14	0.81	14.81	<=24	Pass
NVNT	ax40	5510	Ant2	13.85	0.81	14.66	<=24	Pass
NVNT	ax40	5510	Ant3	13.95	0.81	14.76	<=24	Pass
NVNT	ax40	5510	Sum	18.7	0.81	19.51	<=20.96	Pass
NVNT	ax40	5550	Ant1	14.16	0.82	14.98	<=24	Pass
NVNT	ax40	5550	Ant2	14.16	0.82	14.98	<=24	Pass
NVNT	ax40	5550	Ant3	14.28	0.82	15.1	<=24	Pass
NVNT	ax40	5550	Sum	18.97	0.82	19.79	<=20.96	Pass
NVNT	ax40	5670	Ant1	13.72	0.82	14.54	<=24	Pass
NVNT	ax40	5670	Ant2	13.49	0.82	14.31	<=24	Pass
NVNT	ax40	5670	Ant3	13.34	0.82	14.16	<=24	Pass
NVNT	ax40	5670	Sum	18.29	0.82	19.11	<=20.96	Pass
NVNT	ax80	5530	Ant1	13.79	1.14	14.93	<=24	Pass
NVNT	ax80	5530	Ant2	13.61	1.14	14.75	<=24	Pass
NVNT	ax80	5530	Ant3	13.67	1.14	14.81	<=24	Pass
NVNT	ax80	5530	Sum	18.46	1.14	19.6	<=20.96	Pass
NVNT	ax80	5610	Ant1	13.96	1.15	15.11	<=24	Pass
NVNT	ax80	5610	Ant2	13.58	1.15	14.73	<=24	Pass
NVNT	ax80	5610	Ant3	13.99	1.15	15.14	<=24	Pass
NVNT	ax80	5610	Sum	18.62	1.15	19.77	<=20.96	Pass
NVNT	n20	5500	Ant1	12.37	0.18	12.55	<=24	Pass
NVNT	n20	5500	Ant2	12.31	0.18	12.49	<=24	Pass

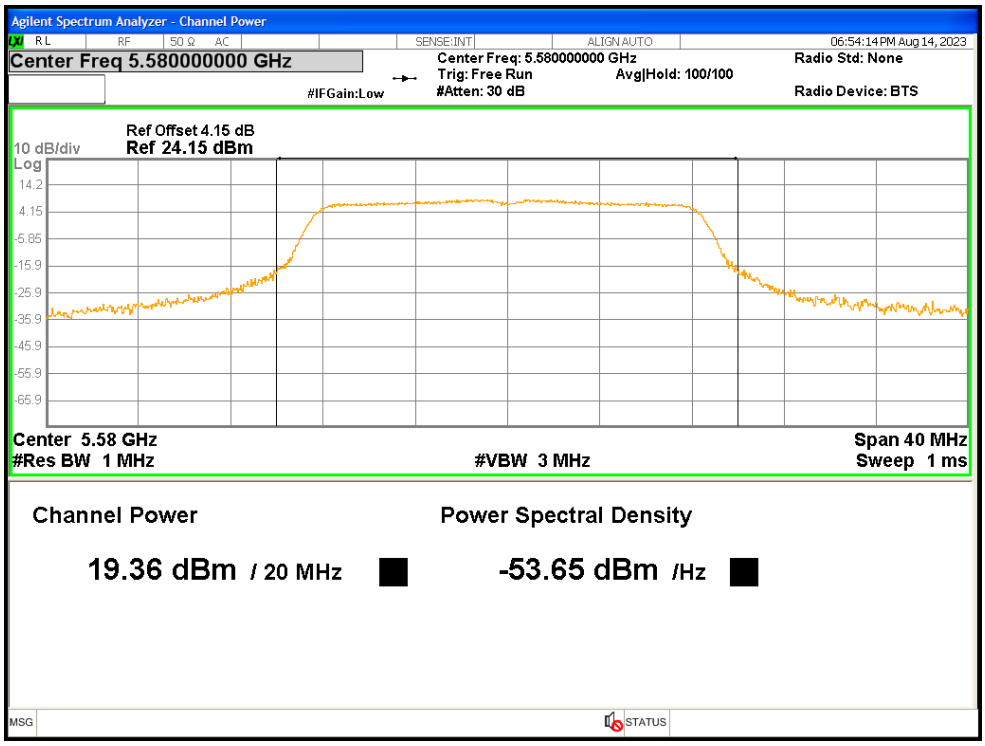
NVNT	n20	5500	Ant3	12.17	0.18	12.35	<=24	Pass
NVNT	n20	5500	Sum	17.06	0.18	17.24	<=20.96	Pass
NVNT	n20	5580	Ant1	12.35	0.18	12.53	<=24	Pass
NVNT	n20	5580	Ant2	12.19	0.18	12.37	<=24	Pass
NVNT	n20	5580	Ant3	12.33	0.18	12.51	<=24	Pass
NVNT	n20	5580	Sum	17.06	0.18	17.24	<=20.96	Pass
NVNT	n20	5700	Ant1	11.86	0.18	12.04	<=24	Pass
NVNT	n20	5700	Ant2	11.41	0.18	11.59	<=24	Pass
NVNT	n20	5700	Ant3	11.24	0.18	11.42	<=24	Pass
NVNT	n20	5700	Sum	16.28	0.18	16.46	<=20.96	Pass
NVNT	n40	5510	Ant1	13.76	0.36	14.12	<=24	Pass
NVNT	n40	5510	Ant2	13.58	0.36	13.94	<=24	Pass
NVNT	n40	5510	Ant3	13.73	0.36	14.09	<=24	Pass
NVNT	n40	5510	Sum	18.46	0.36	18.82	<=20.96	Pass
NVNT	n40	5550	Ant1	13.75	0.35	14.1	<=24	Pass
NVNT	n40	5550	Ant2	13.81	0.35	14.16	<=24	Pass
NVNT	n40	5550	Ant3	14.01	0.35	14.36	<=24	Pass
NVNT	n40	5550	Sum	18.63	0.35	18.98	<=20.96	Pass
NVNT	n40	5670	Ant1	13.61	0.36	13.97	<=24	Pass
NVNT	n40	5670	Ant2	13.17	0.36	13.53	<=24	Pass
NVNT	n40	5670	Ant3	13.3	0.36	13.66	<=24	Pass
NVNT	n40	5670	Sum	18.14	0.36	18.5	<=20.96	Pass

Test Graphs

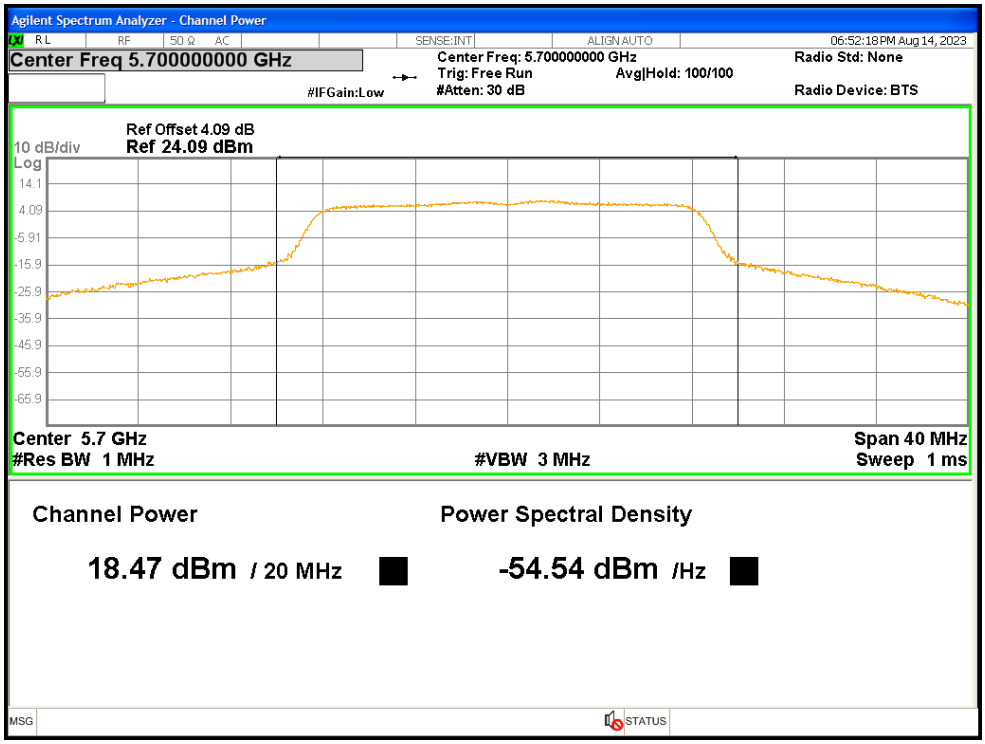
Power NVNT a 5500MHz Ant1



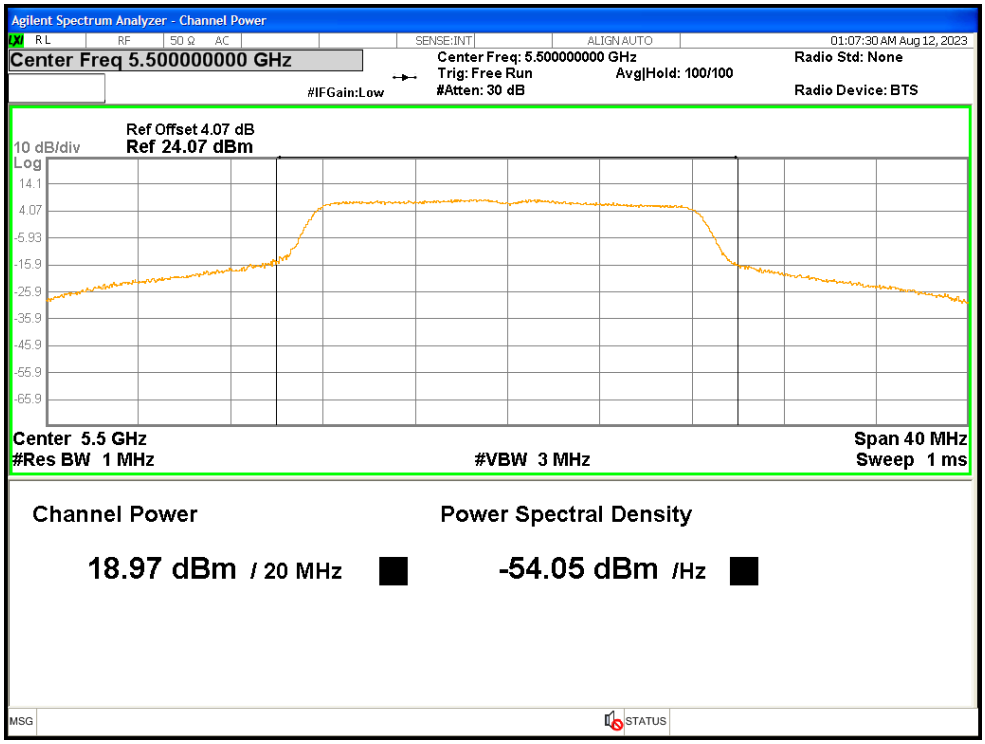
Power NVNT a 5580MHz Ant1



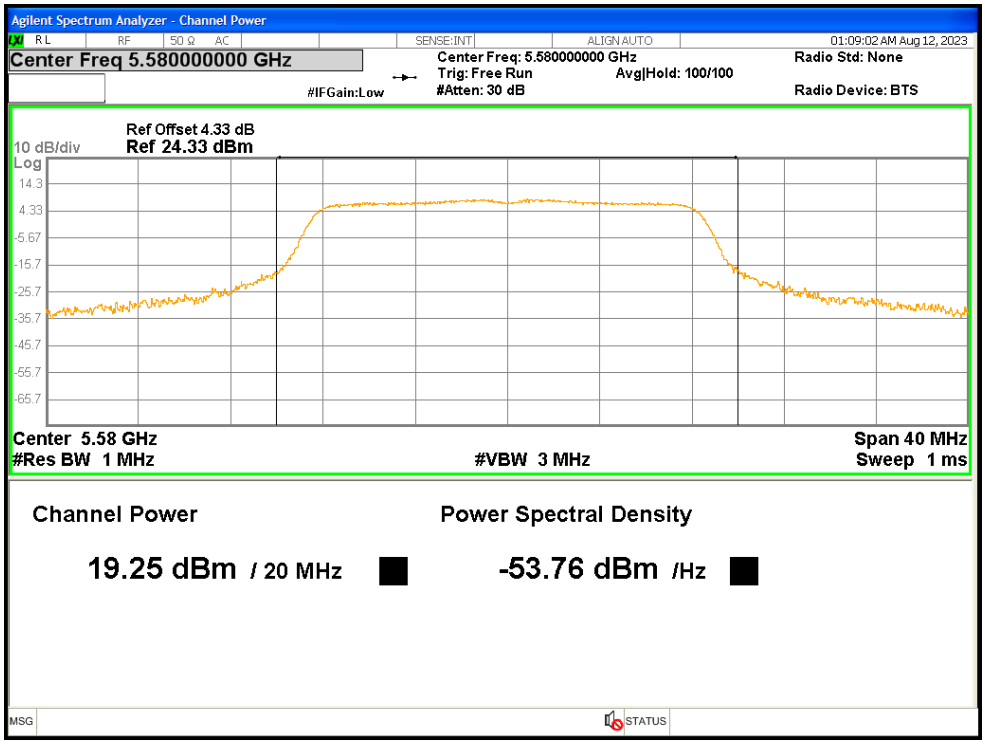
Power NVNT a 5700MHz Ant1



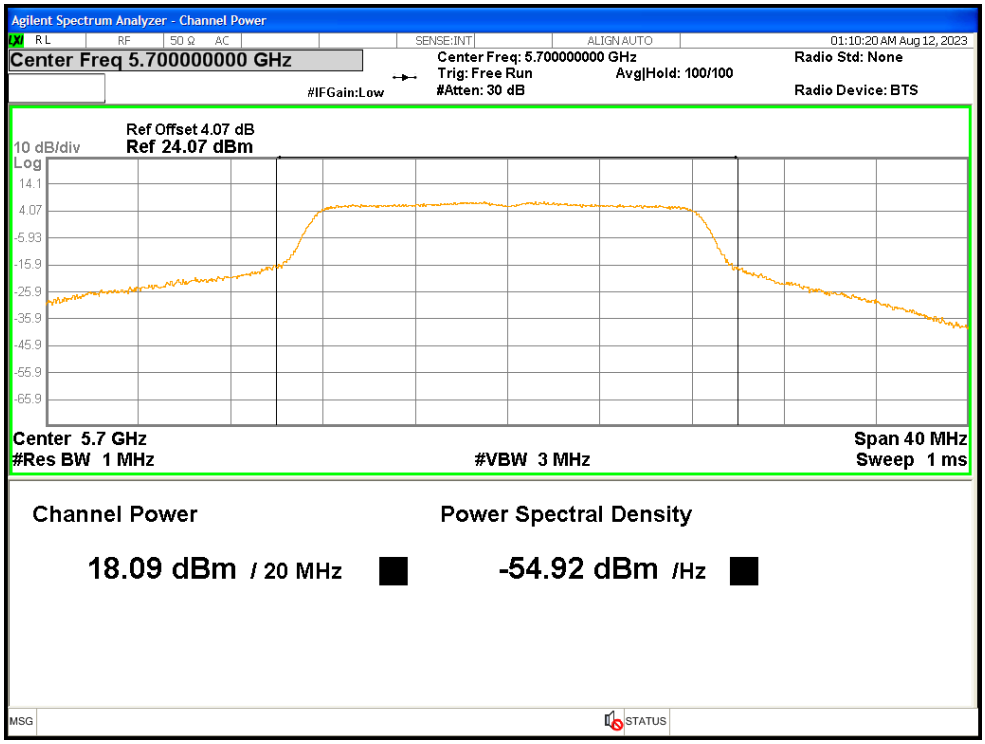
Power NVNT a 5500MHz Ant2



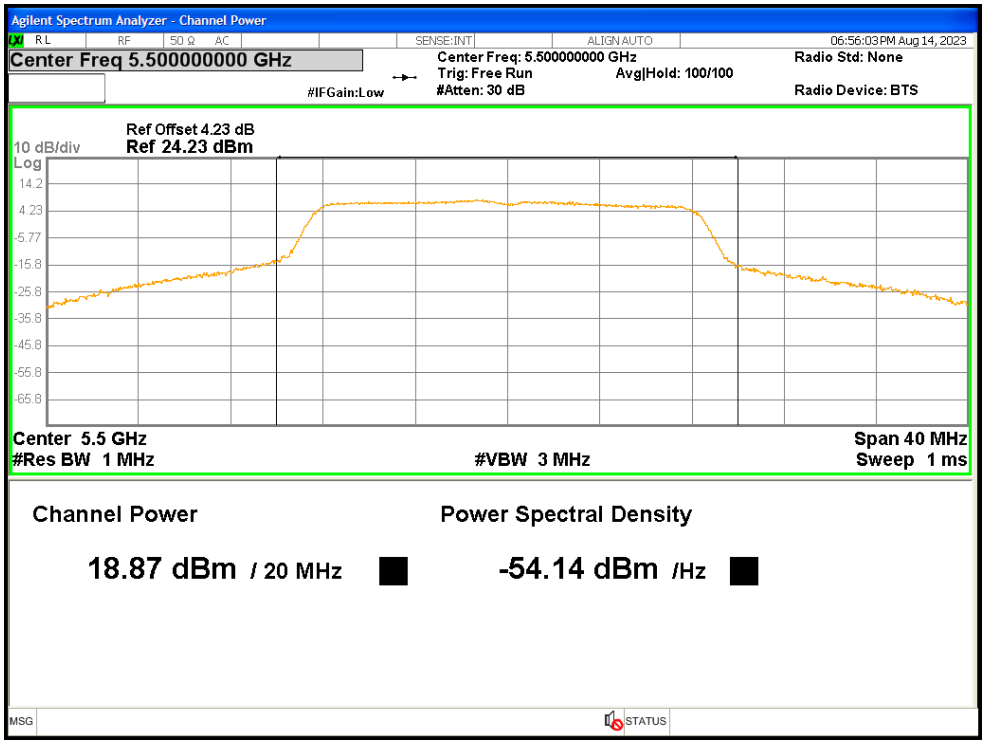
Power NVNT a 5580MHz Ant2



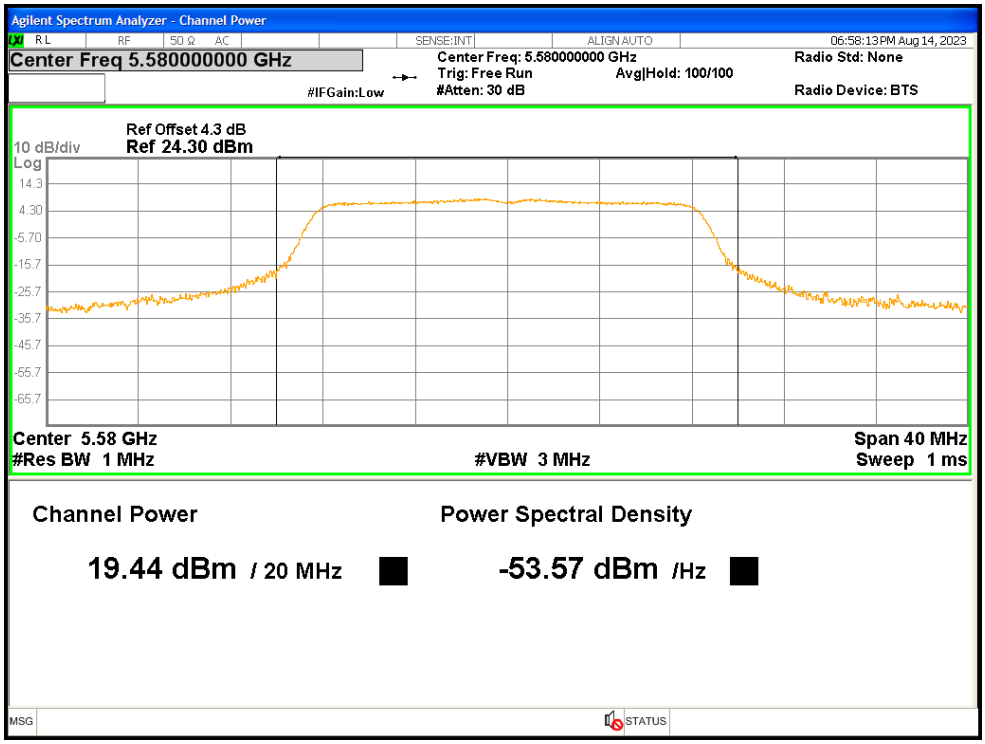
Power NVNT a 5700MHz Ant2



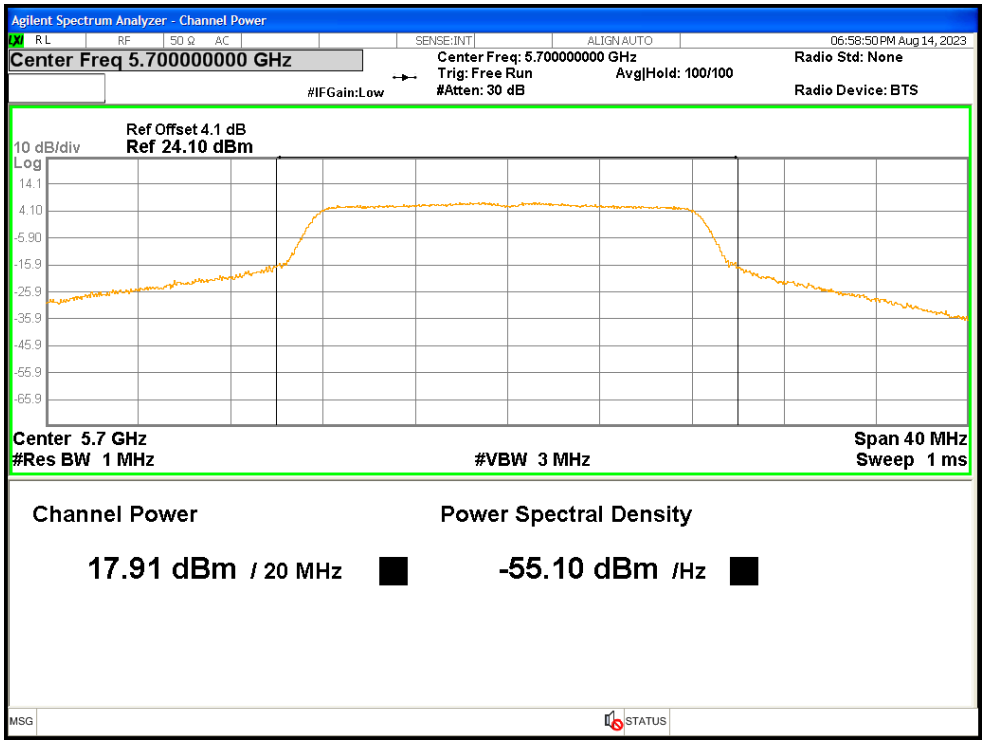
Power NVNT a 5500MHz Ant3



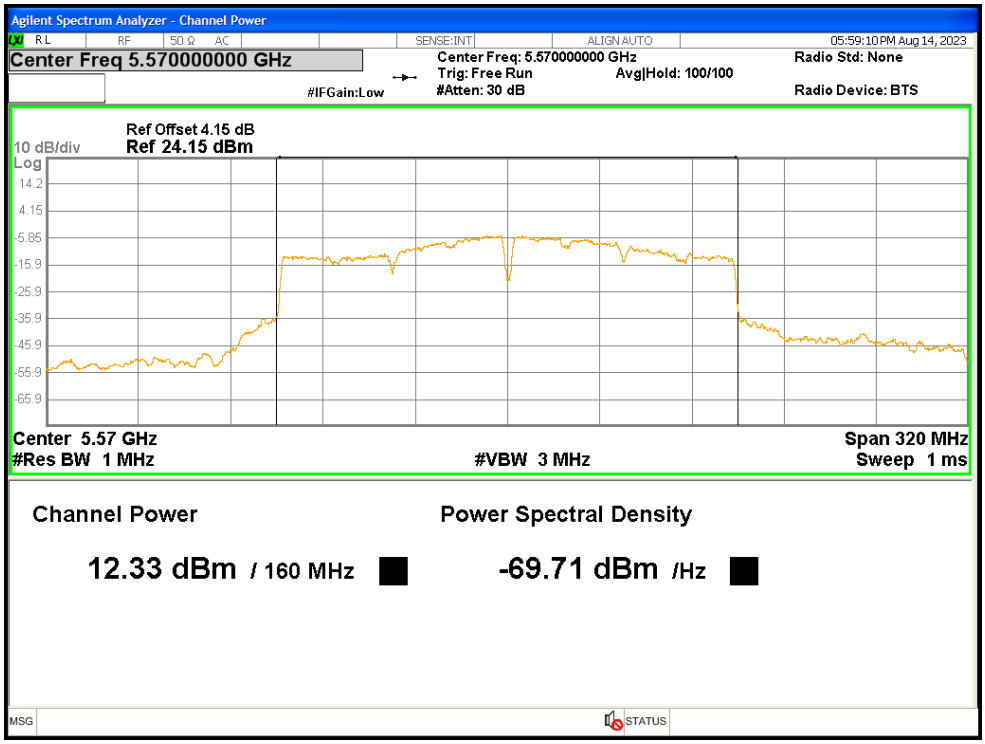
Power NVNT a 5580MHz Ant3



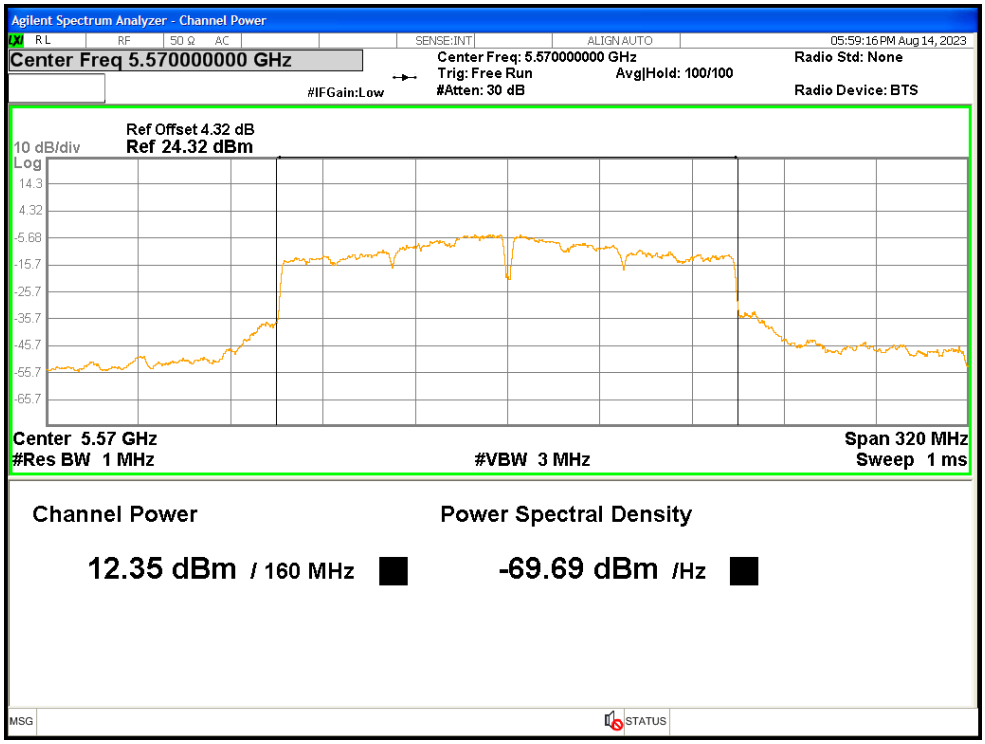
Power NVNT a 5700MHz Ant3



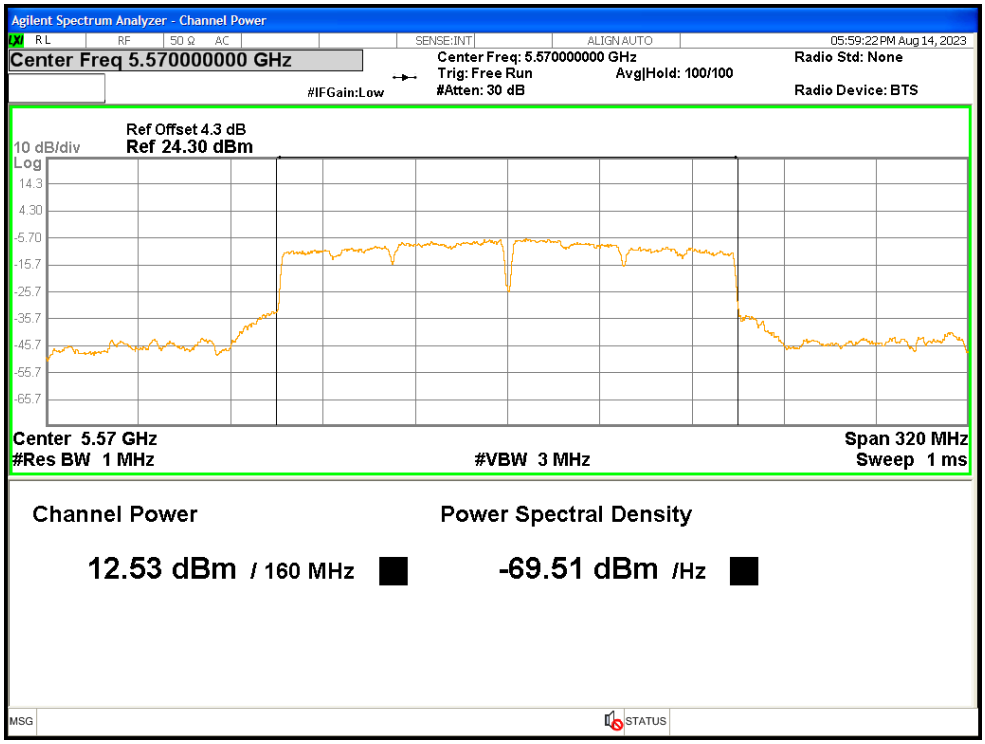
Power NVNT ac160 5570MHz Ant1



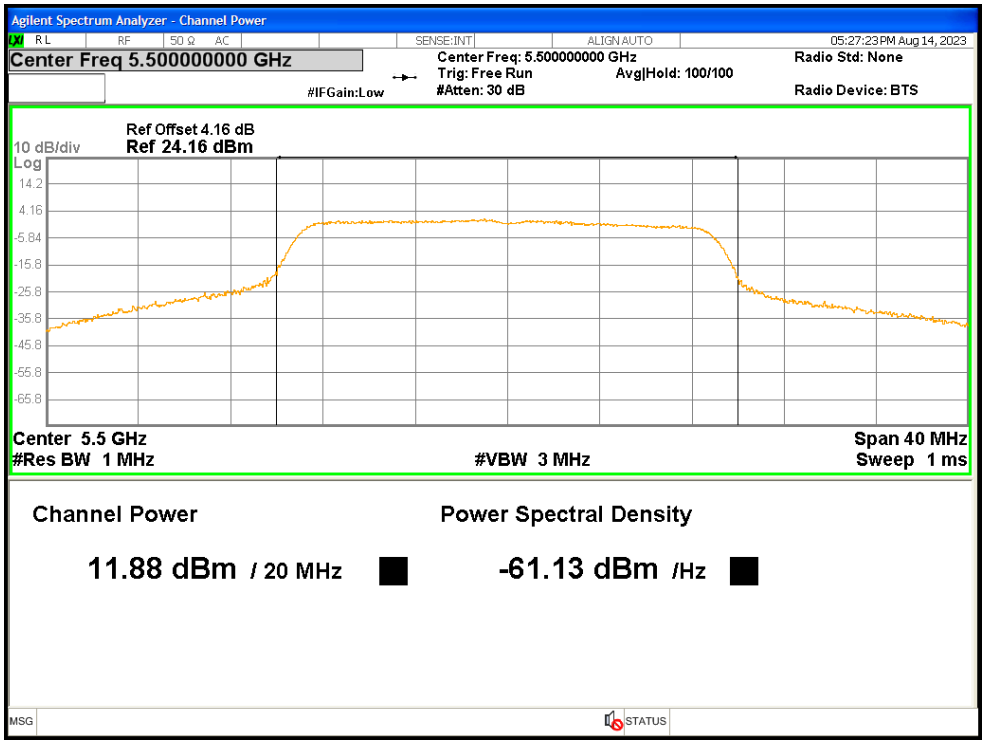
Power NVNT ac160 5570MHz Ant2



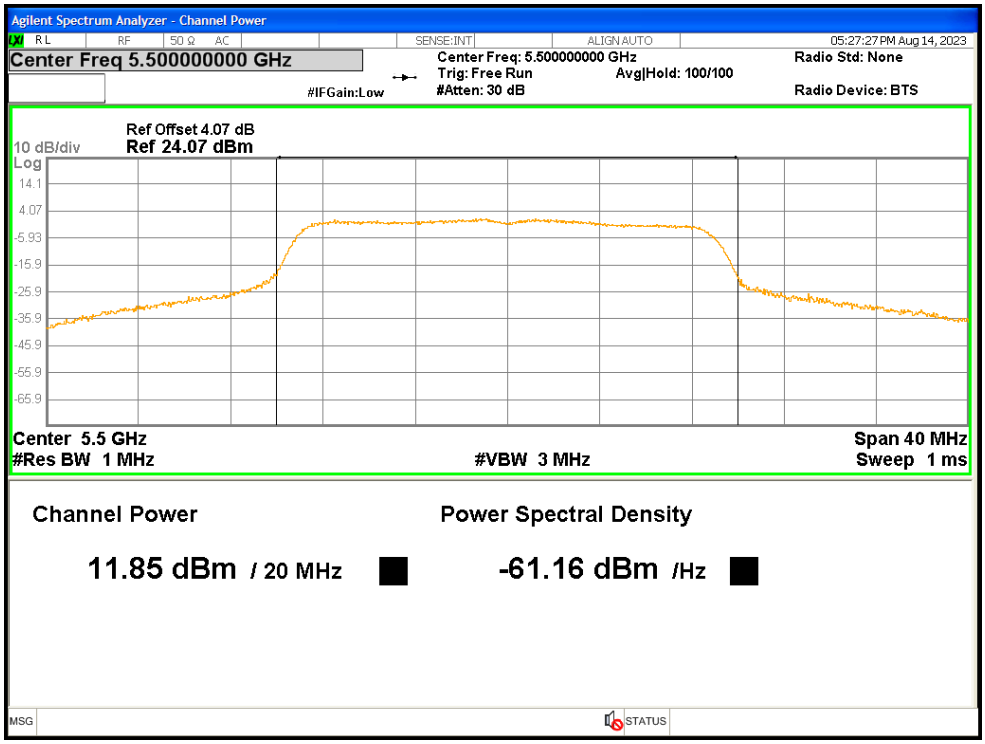
Power NVNT ac160 5570MHz Ant3



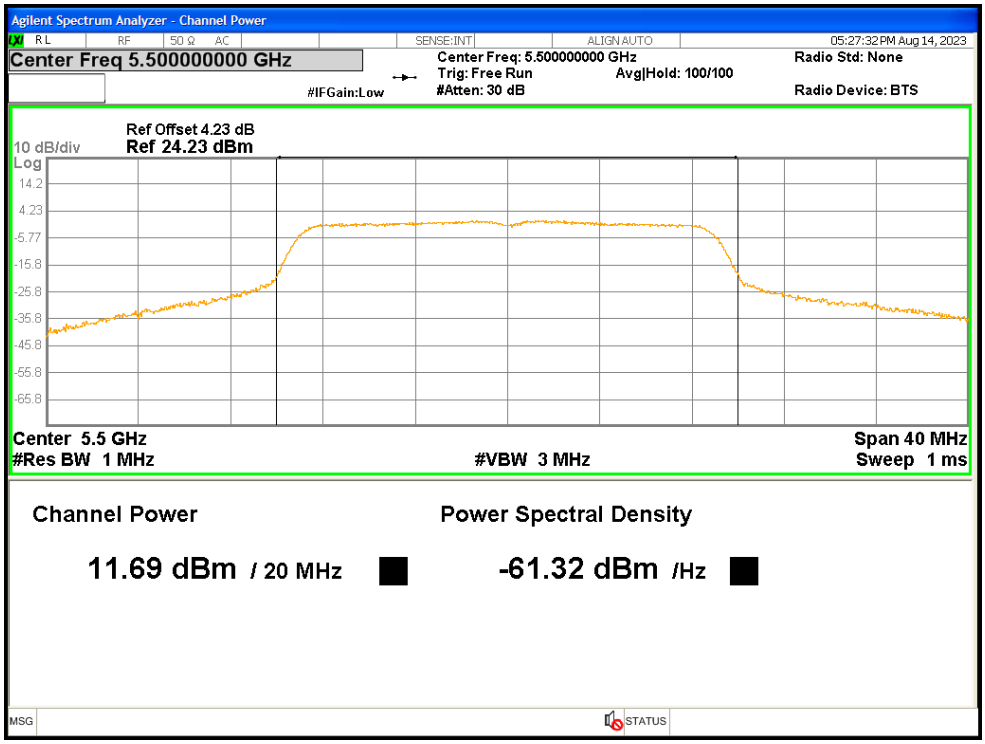
Power NVNT ac20 5500MHz Ant1



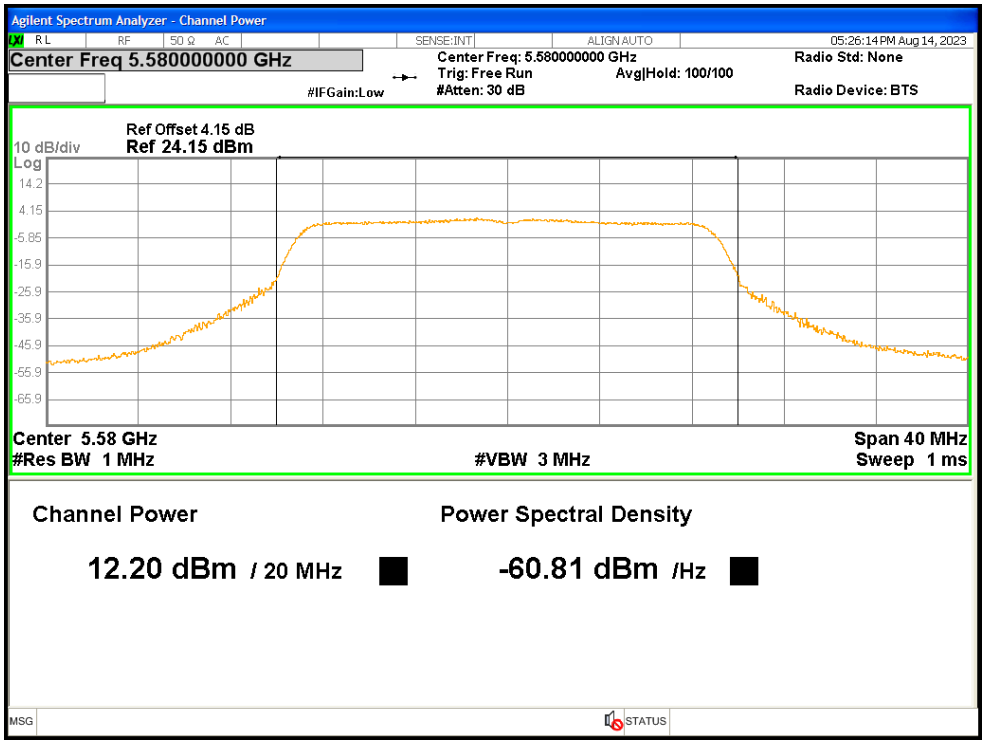
Power NVNT ac20 5500MHz Ant2



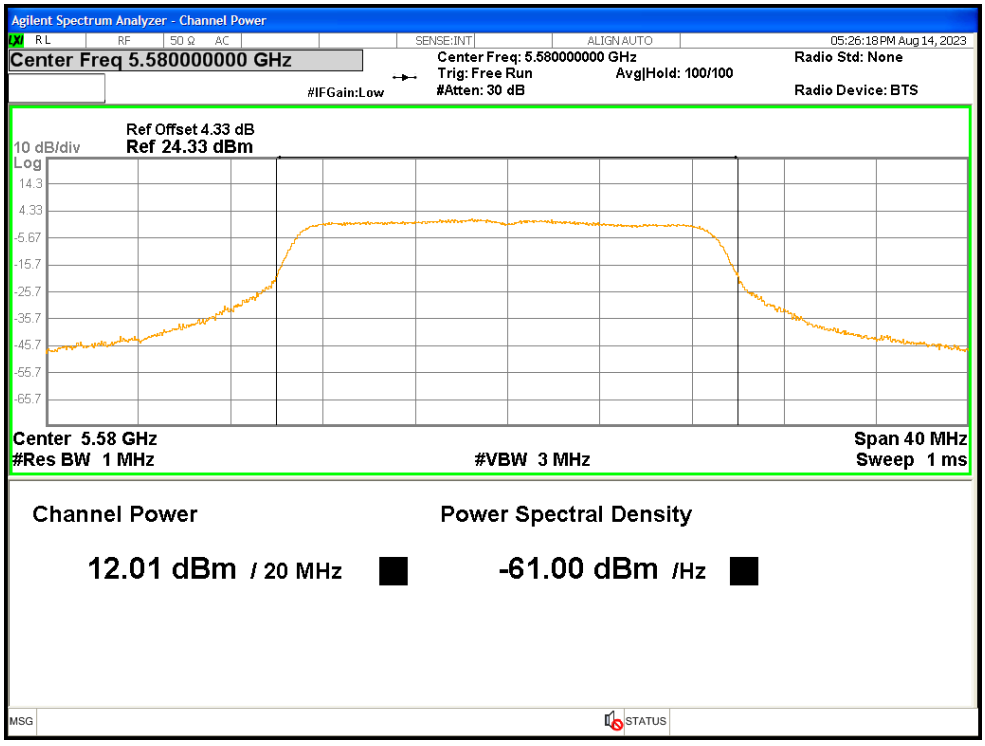
Power NVNT ac20 5500MHz Ant3



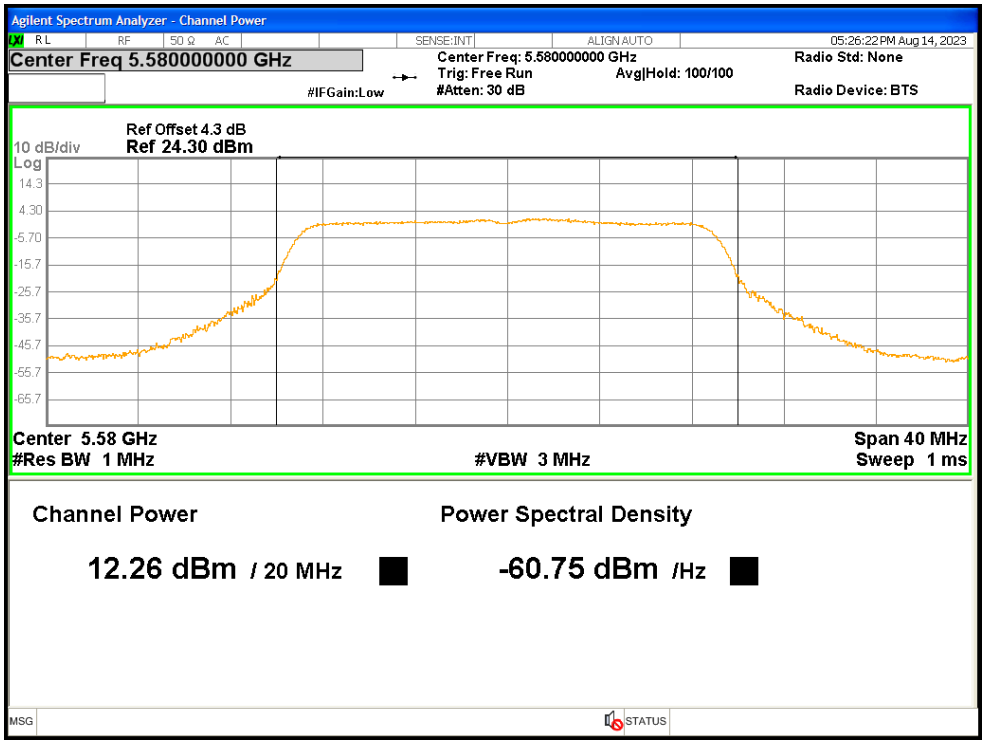
Power NVNT ac20 5580MHz Ant1



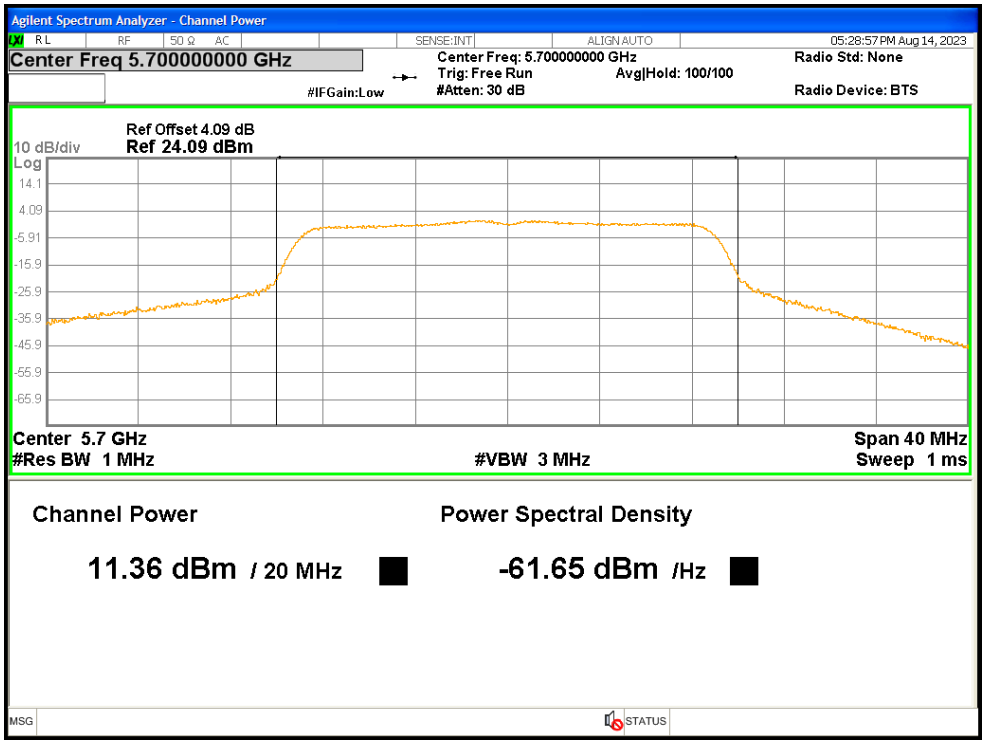
Power NVNT ac20 5580MHz Ant2



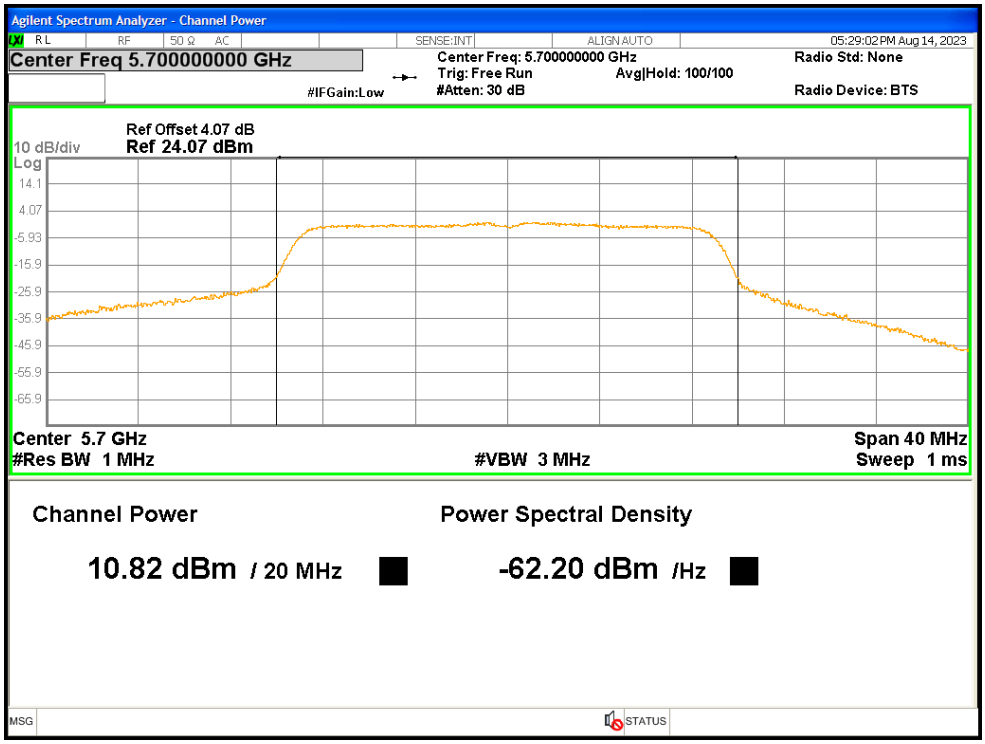
Power NVNT ac20 5580MHz Ant3



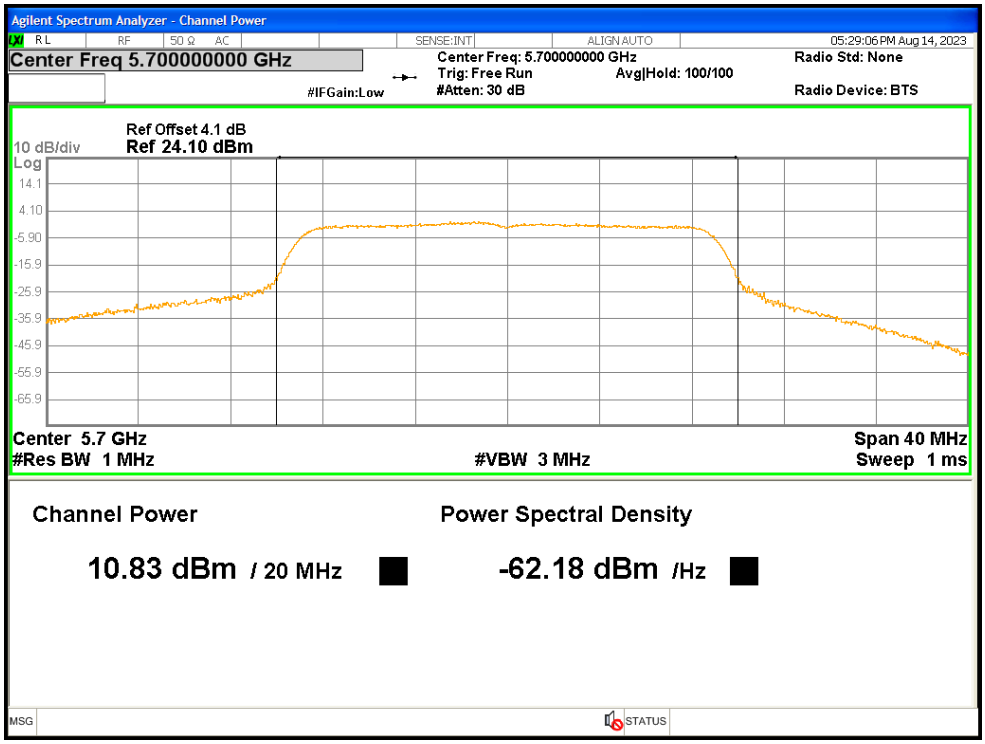
Power NVNT ac20 5700MHz Ant1



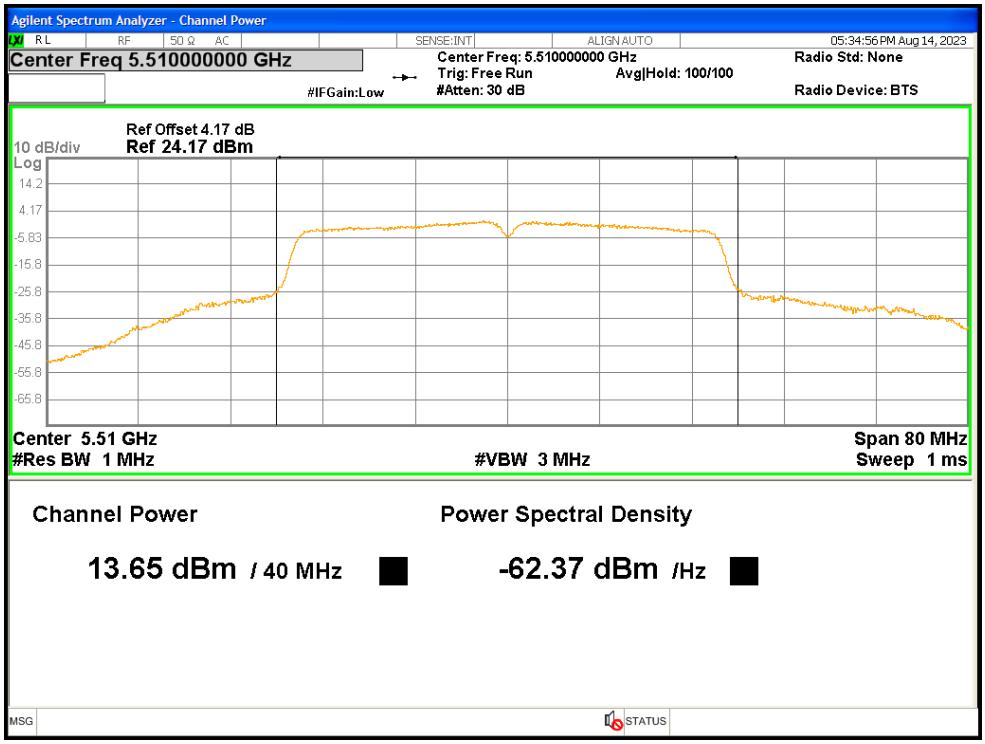
Power NVNT ac20 5700MHz Ant2



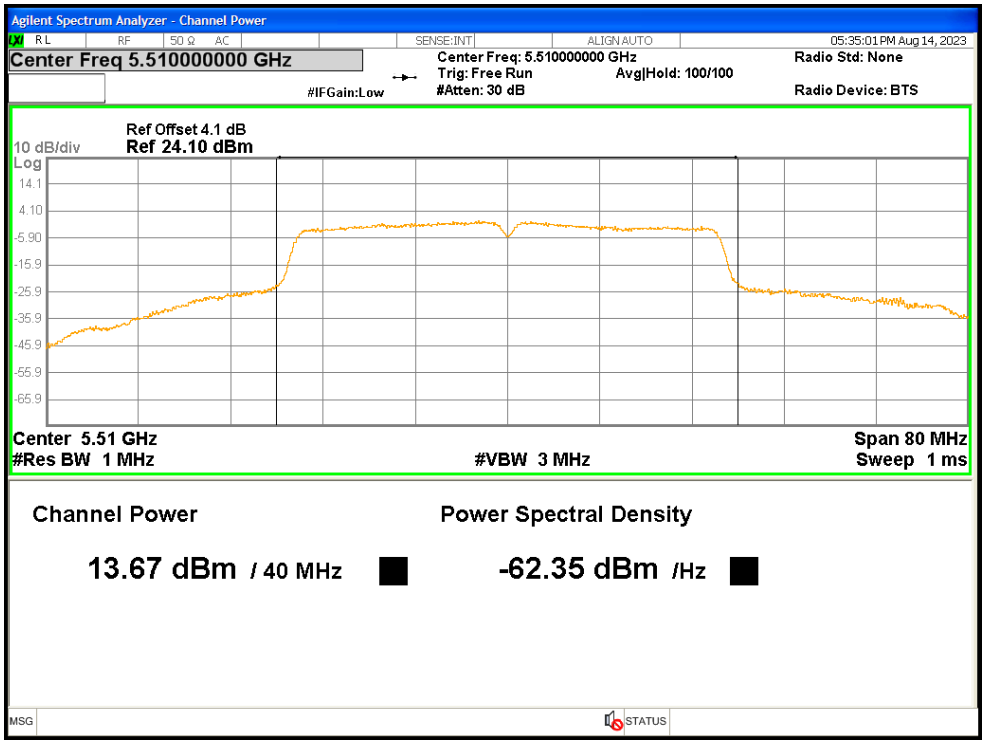
Power NVNT ac20 5700MHz Ant3



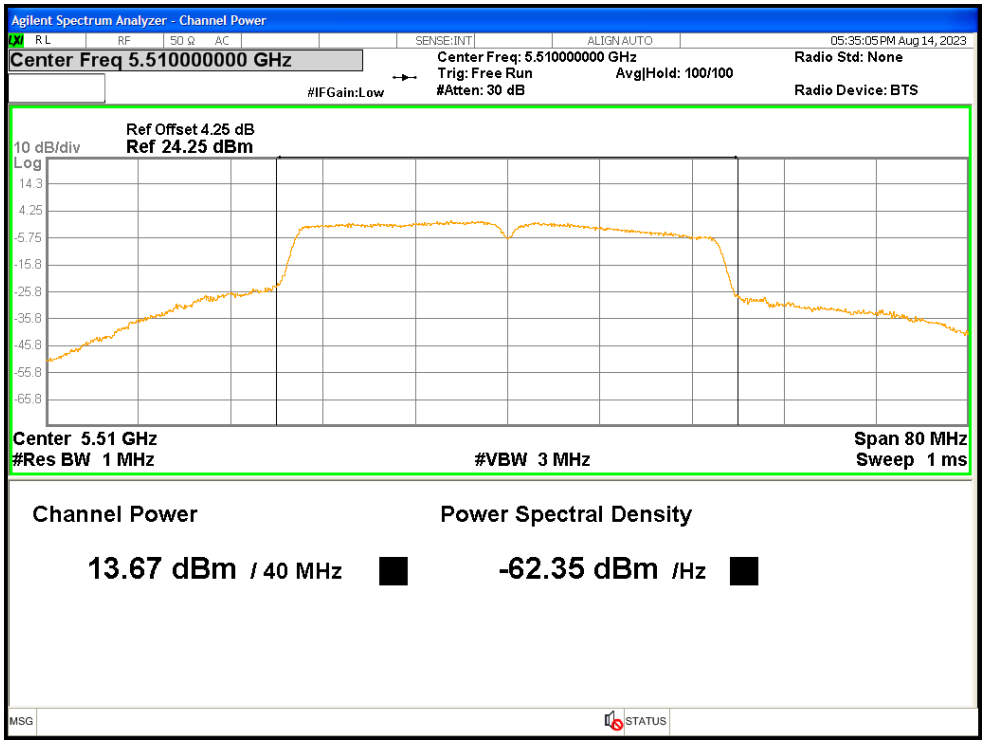
Power NVNT ac40 5510MHz Ant1



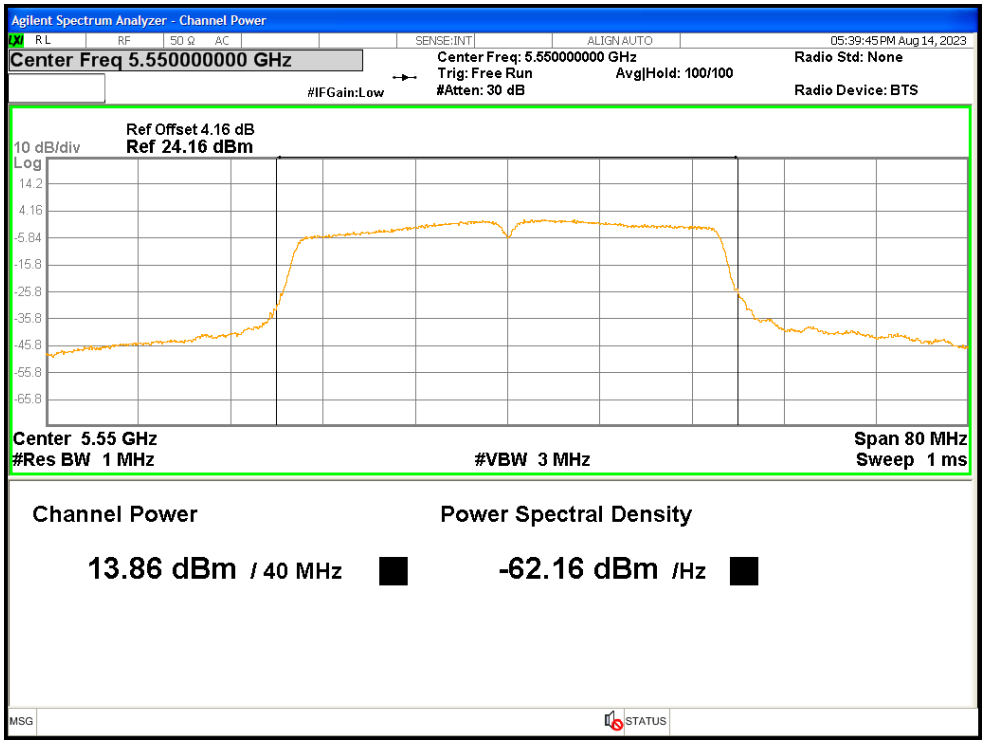
Power NVNT ac40 5510MHz Ant2



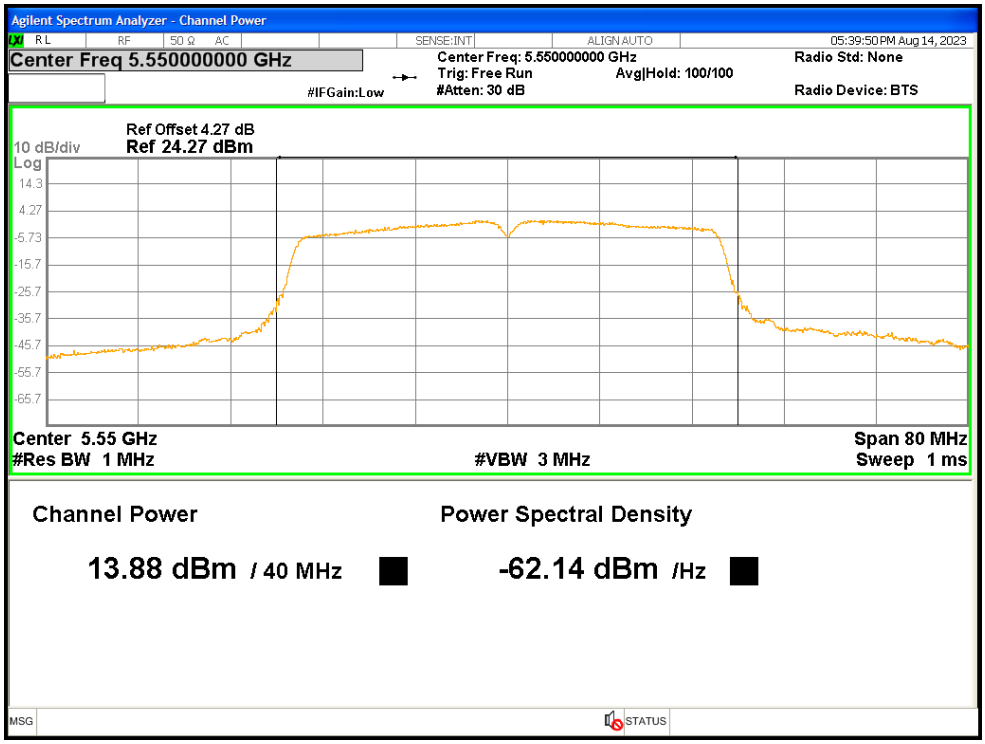
Power NVNT ac40 5510MHz Ant3



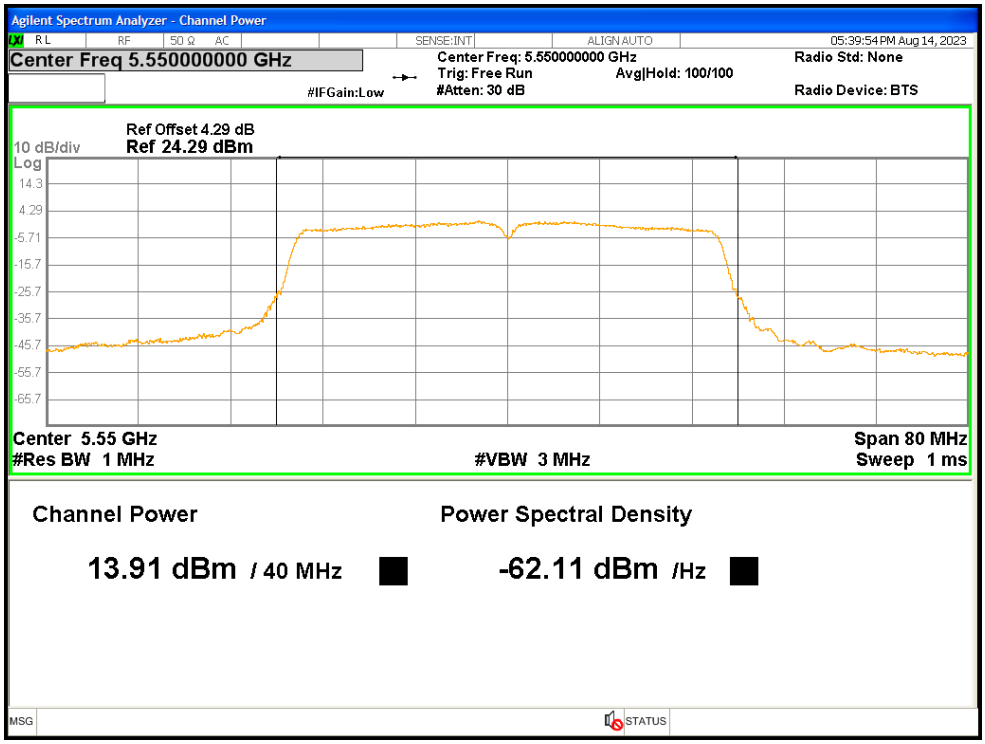
Power NVNT ac40 5550MHz Ant1



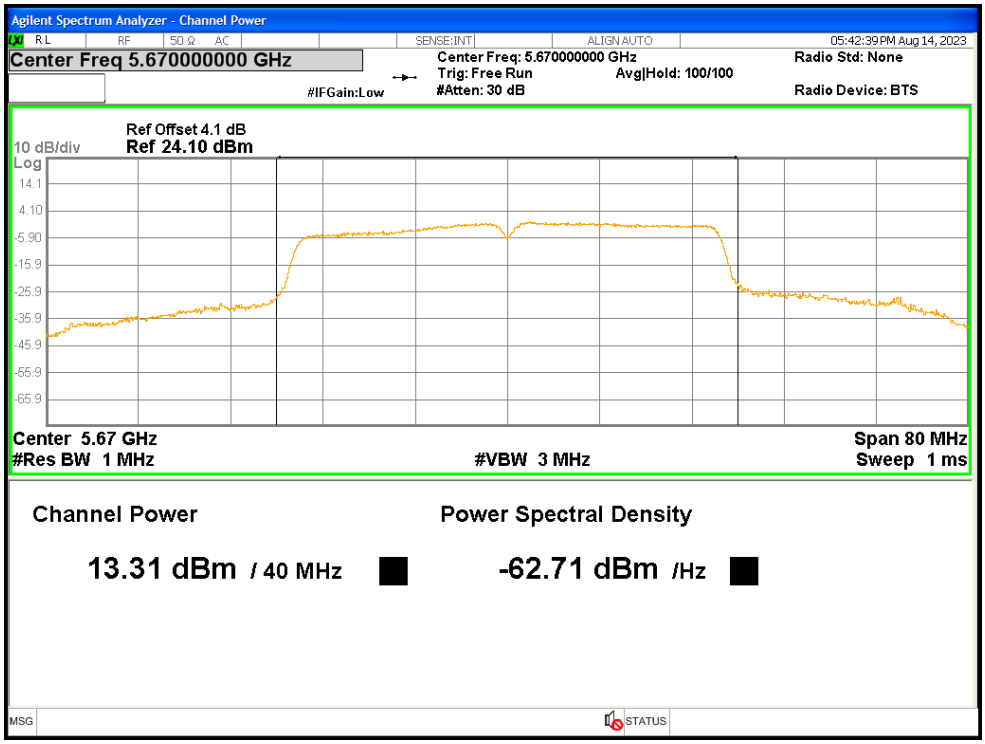
Power NVNT ac40 5550MHz Ant2



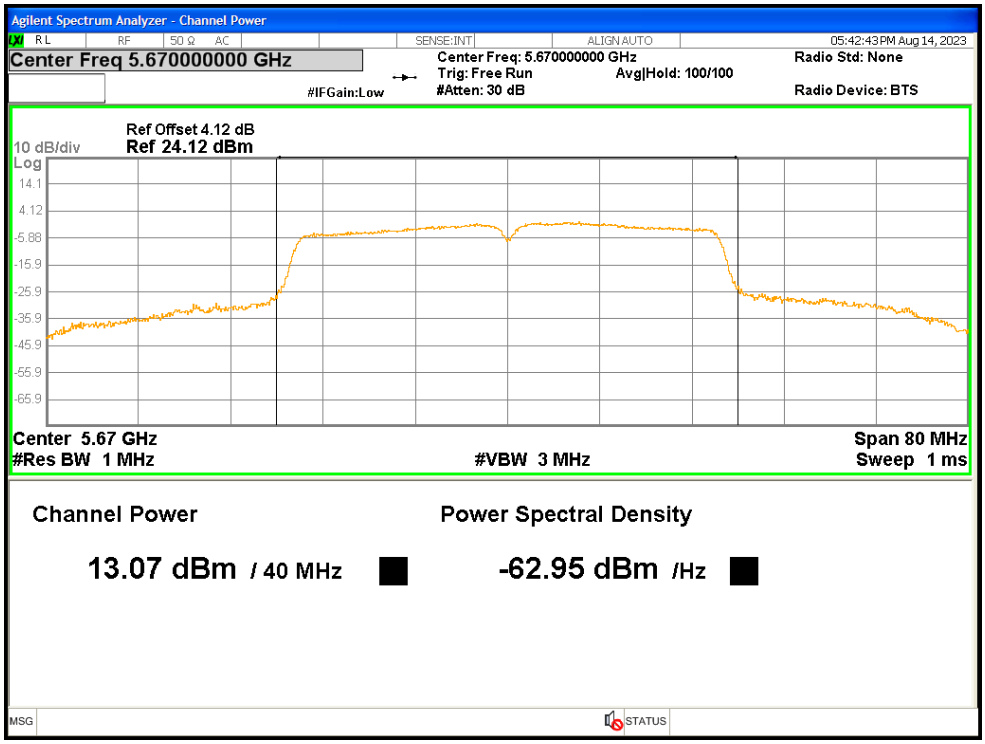
Power NVNT ac40 5550MHz Ant3



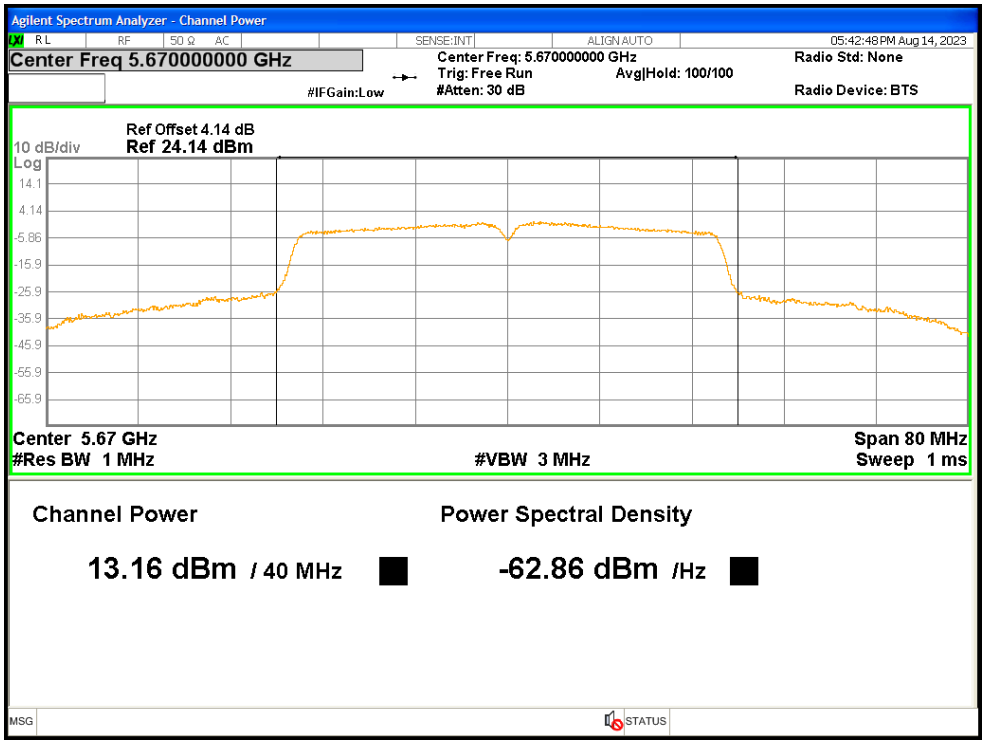
Power NVNT ac40 5670MHz Ant1



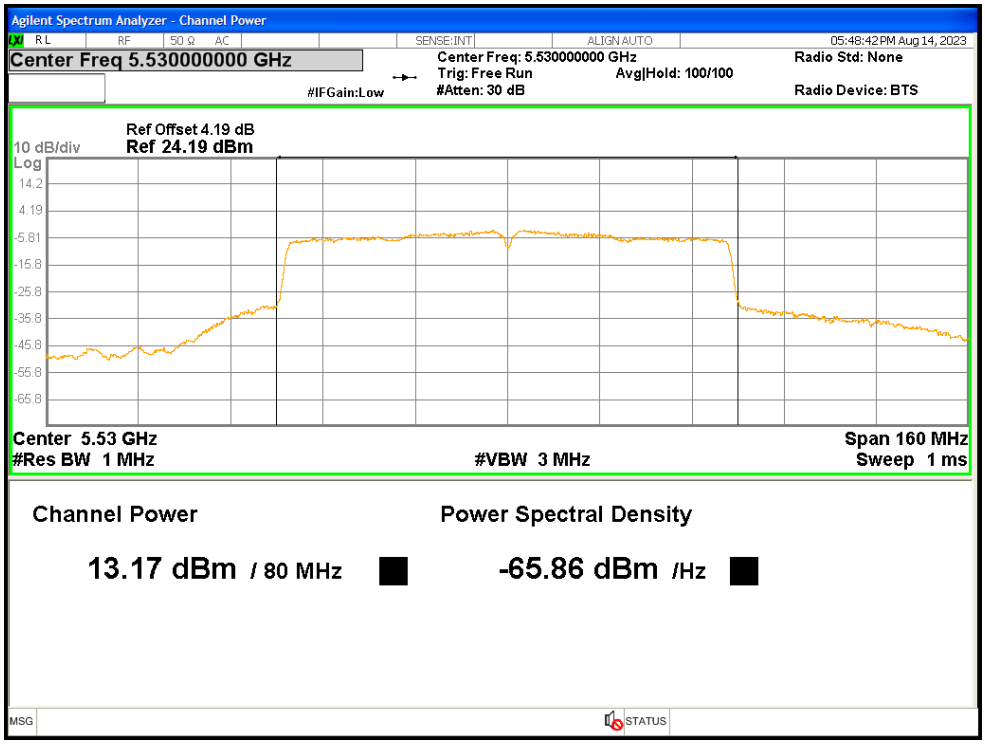
Power NVNT ac40 5670MHz Ant2



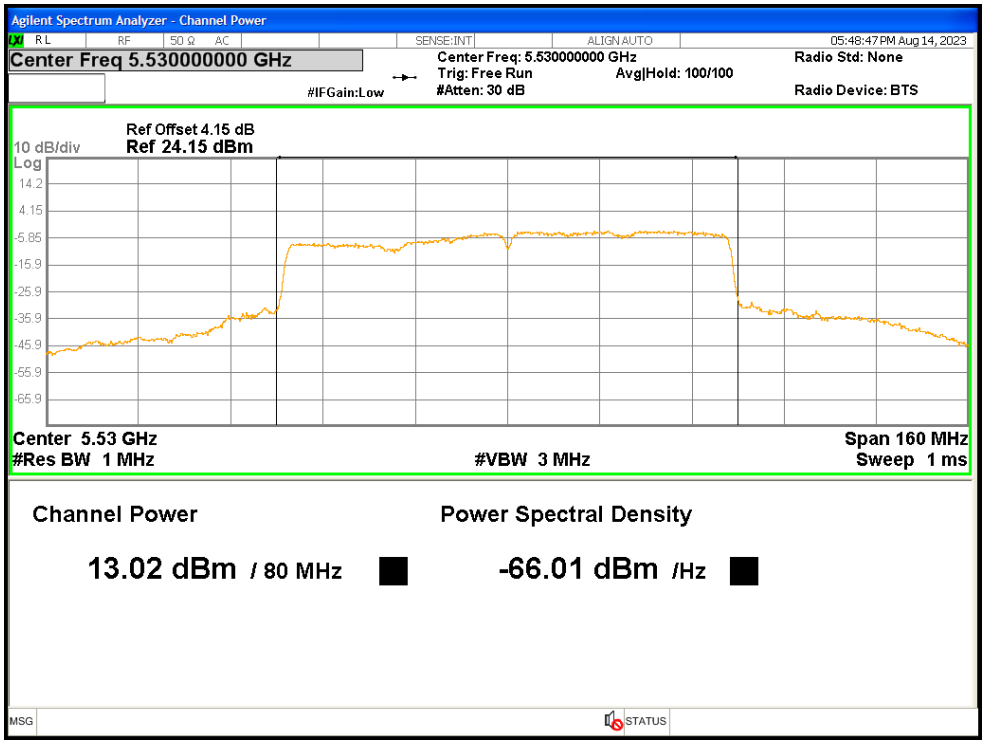
Power NVNT ac40 5670MHz Ant3



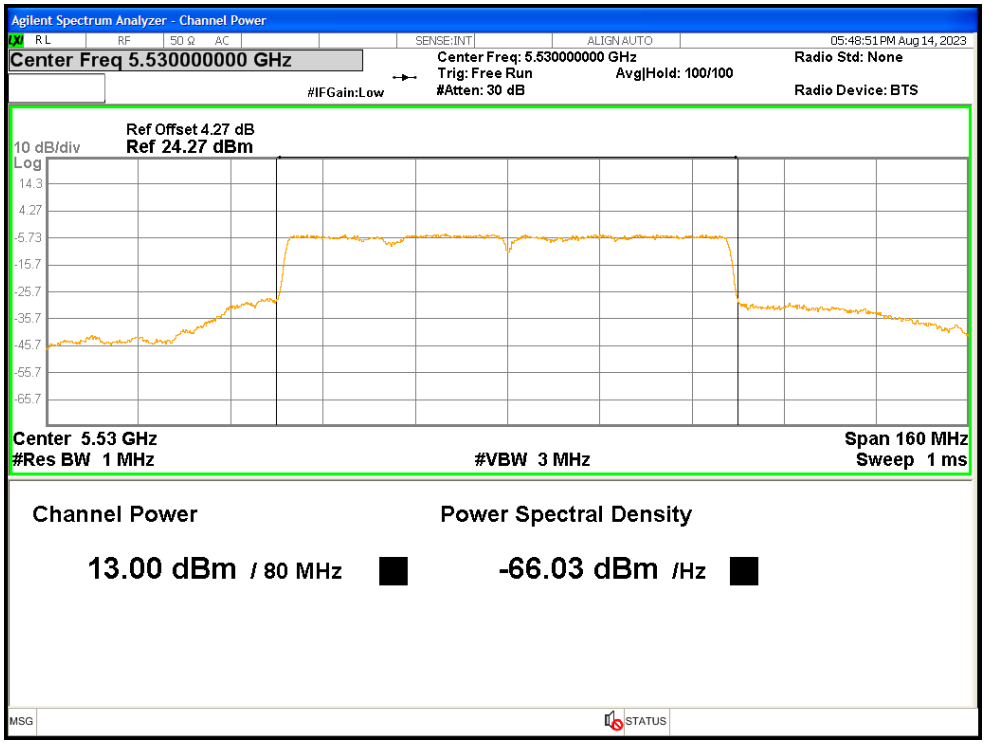
Power NVNT ac80 5530MHz Ant1



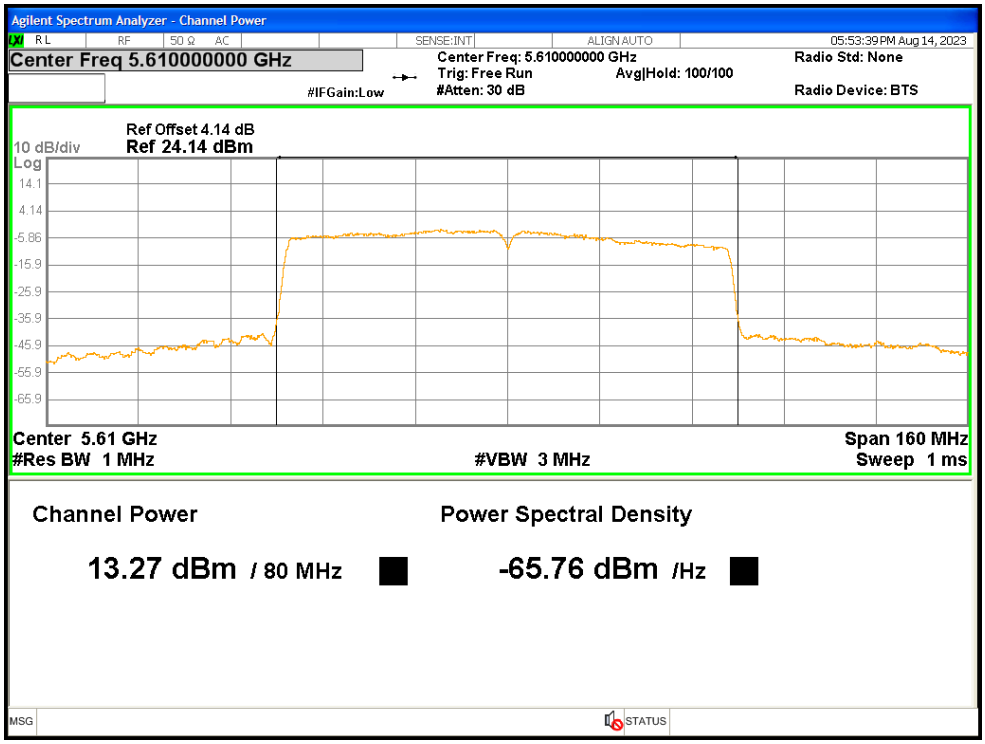
Power NVNT ac80 5530MHz Ant2



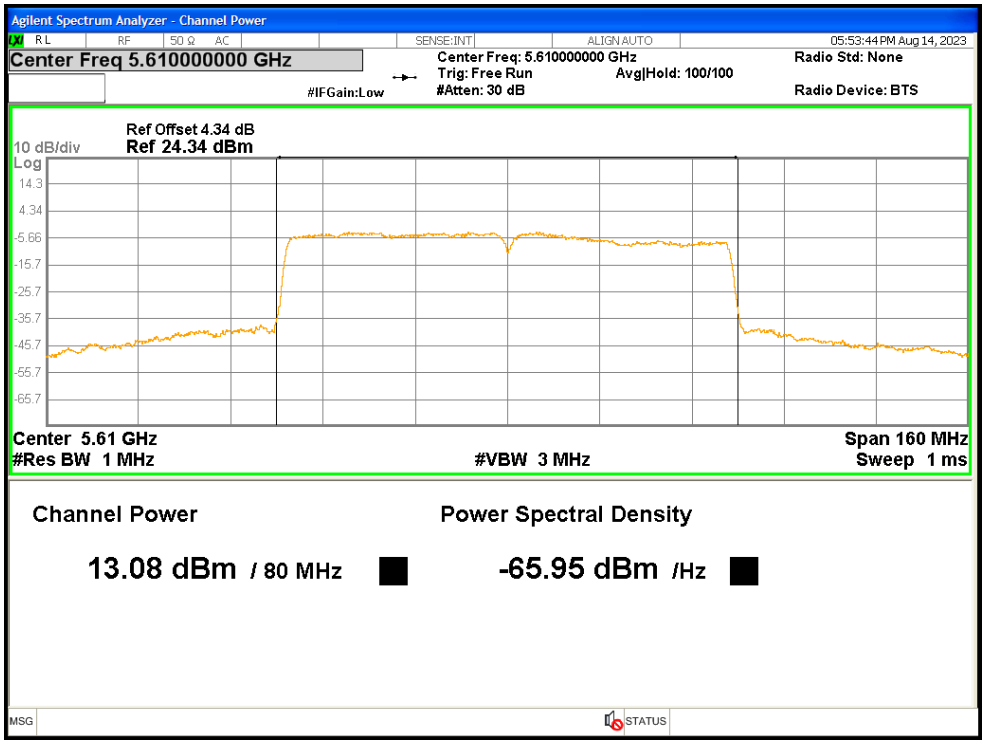
Power NVNT ac80 5530MHz Ant3



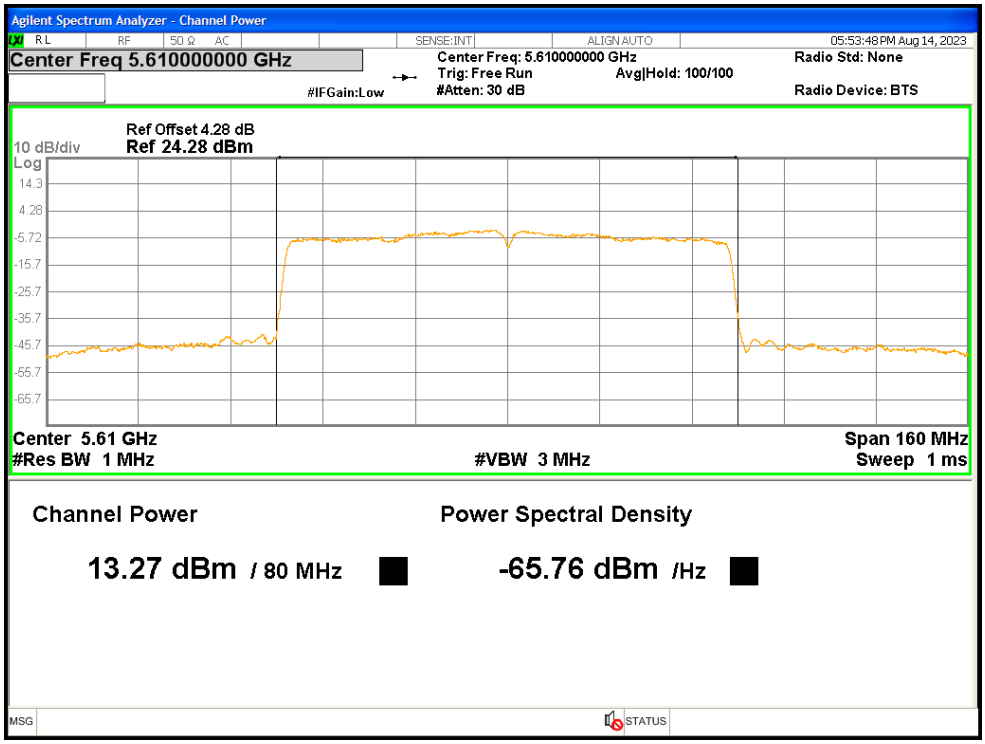
Power NVNT ac80 5610MHz Ant1



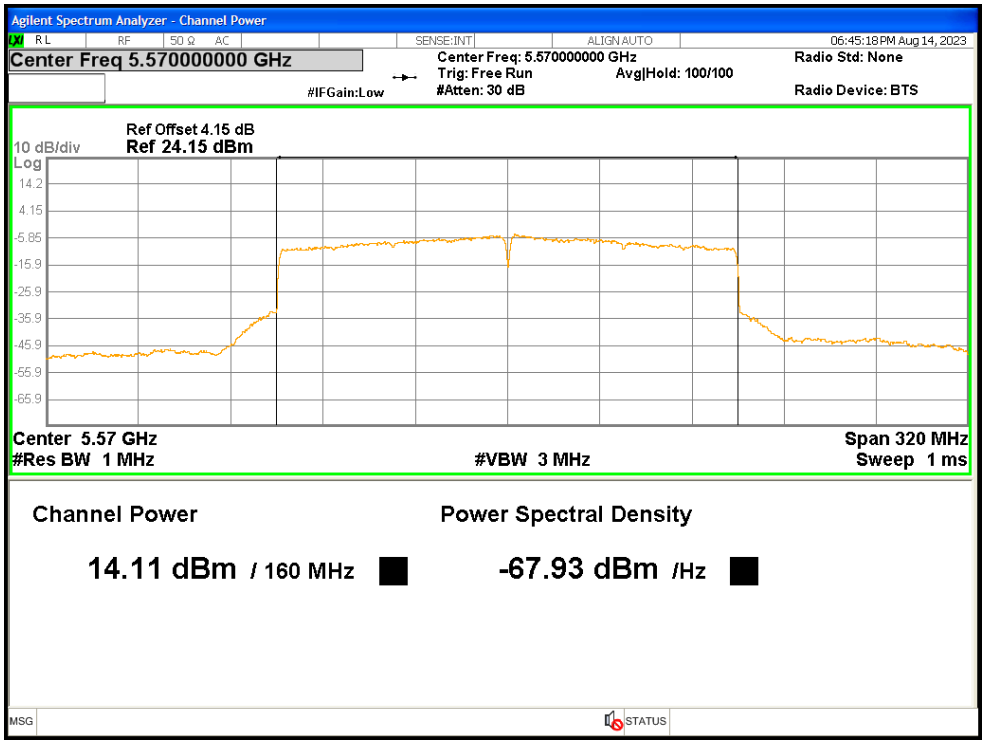
Power NVNT ac80 5610MHz Ant2



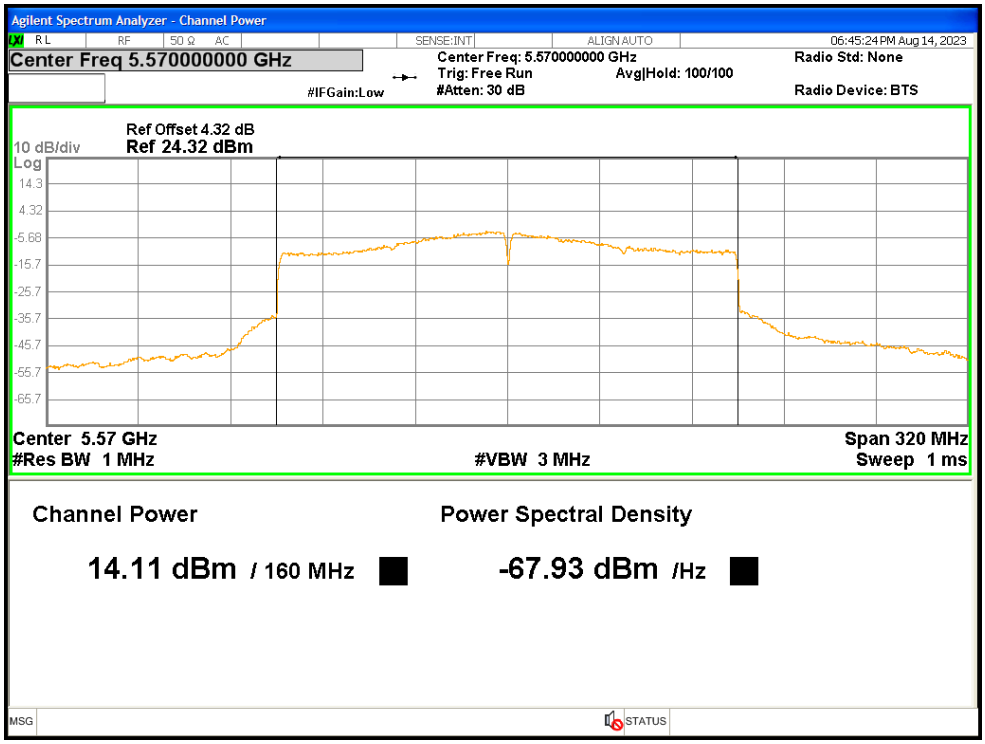
Power NVNT ac80 5610MHz Ant3



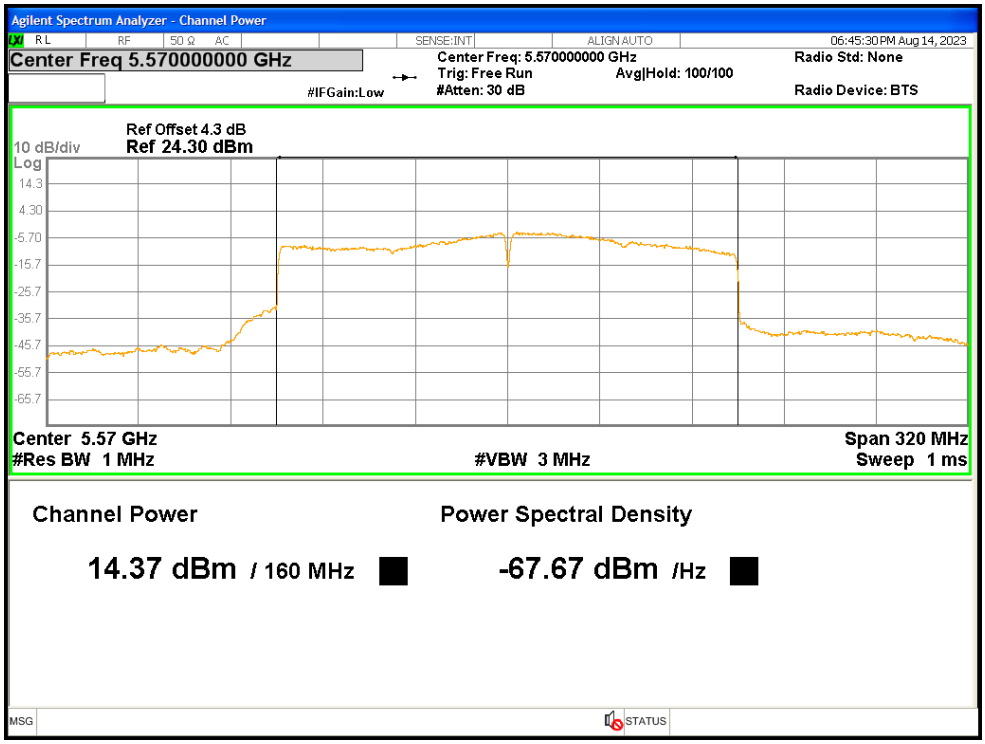
Power NVNT ax160 5570MHz Ant1



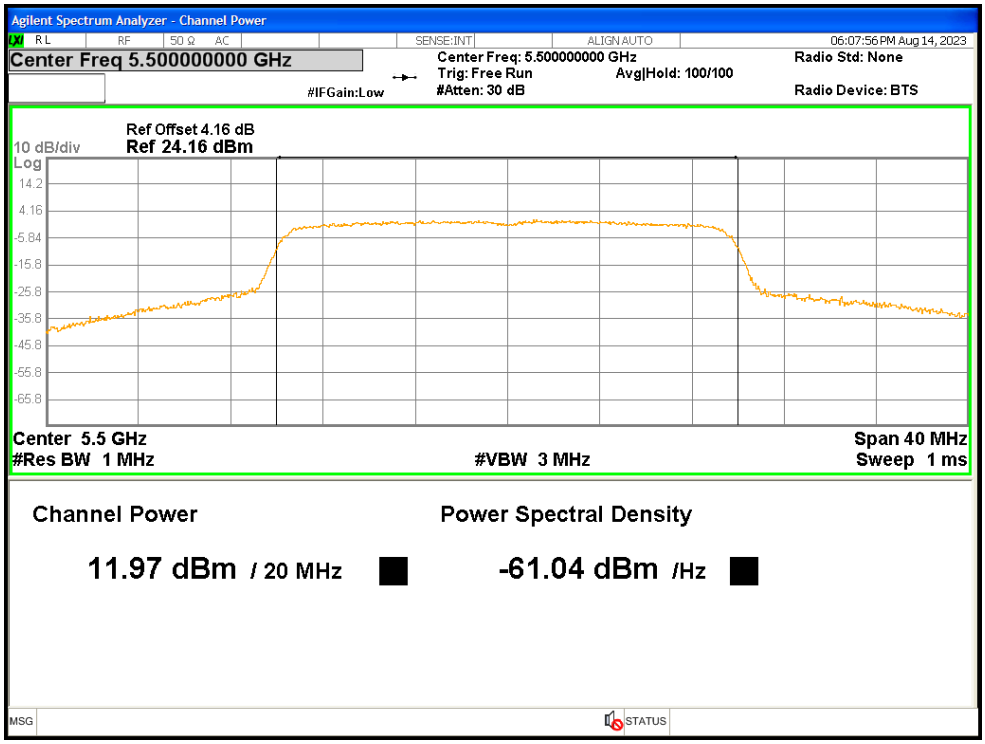
Power NVNT ax160 5570MHz Ant2



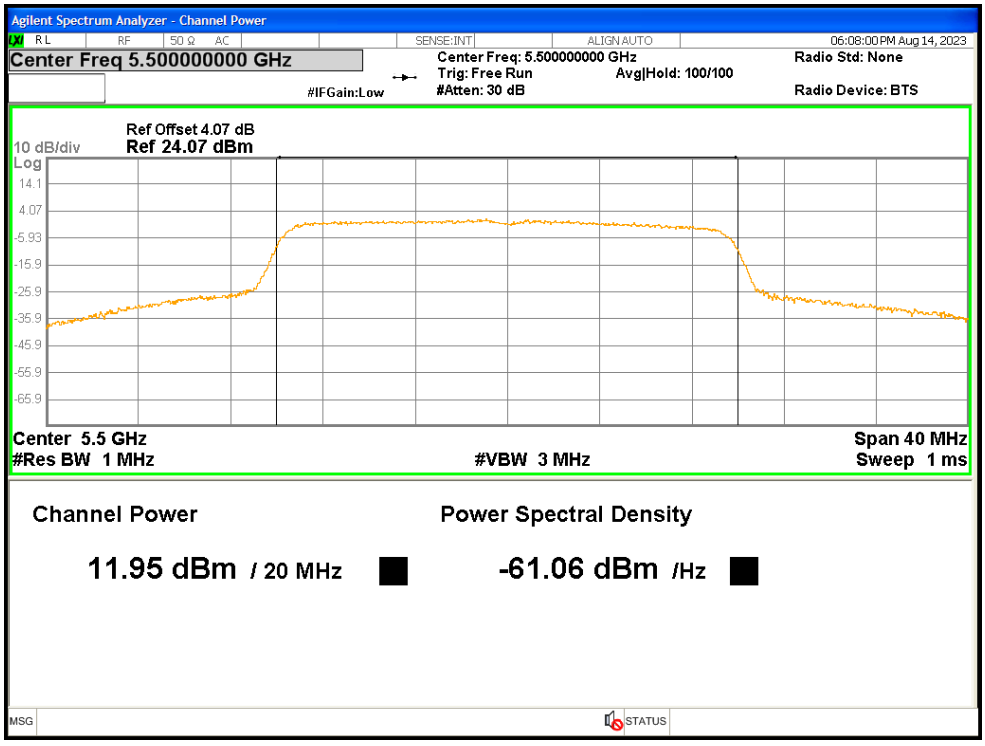
Power NVNT ax160 5570MHz Ant3



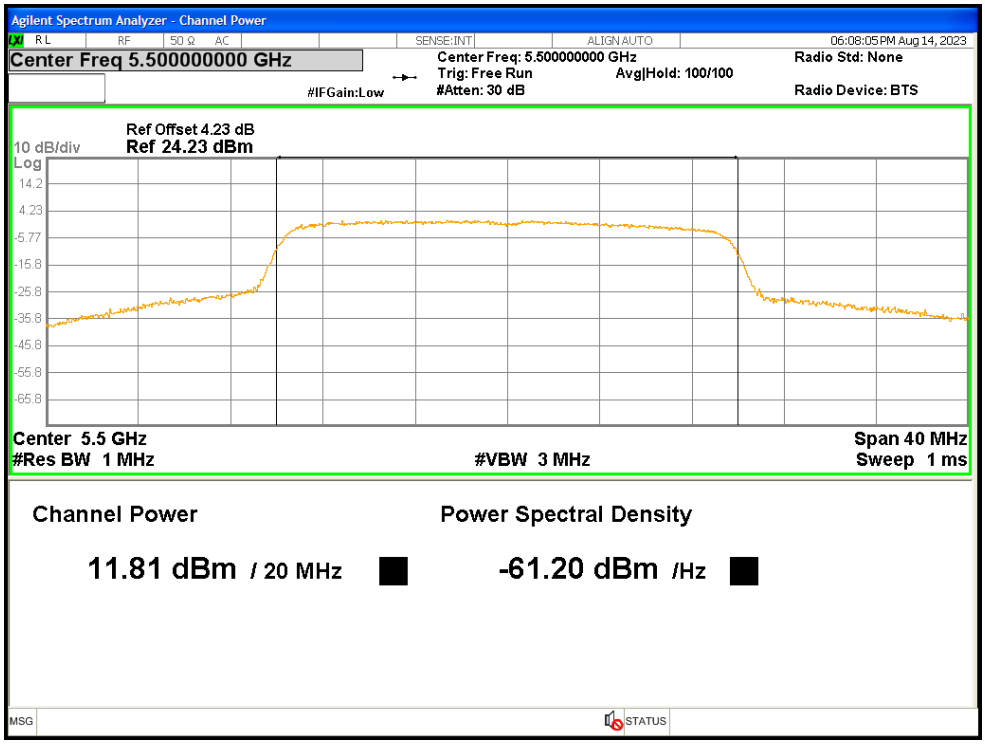
Power NVNT ax20 5500MHz Ant1



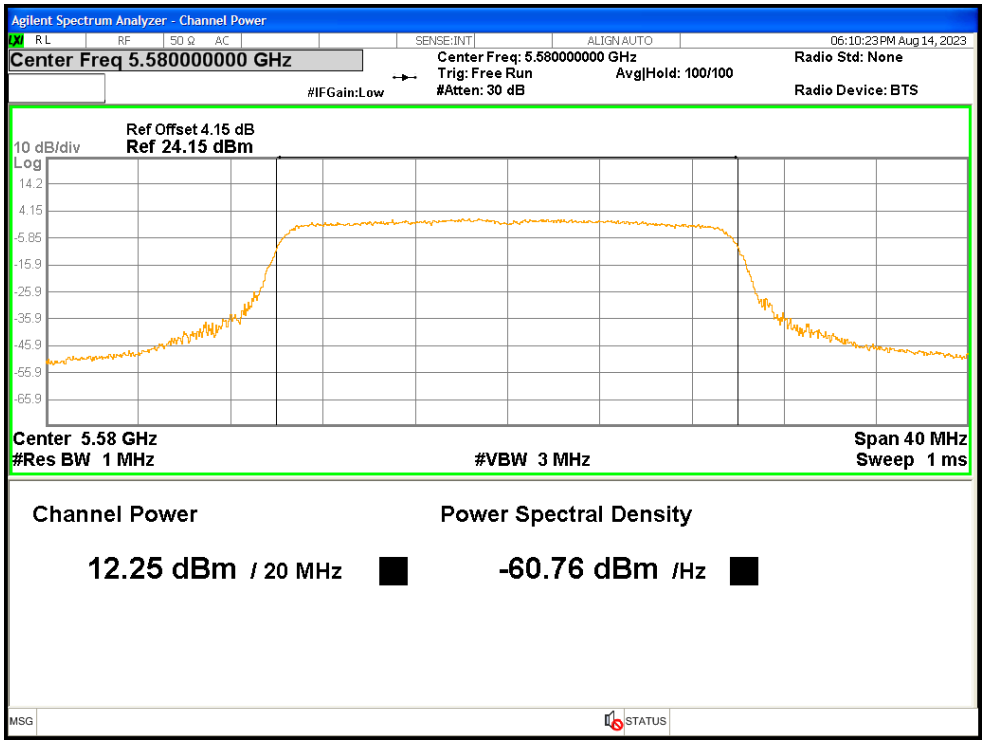
Power NVNT ax20 5500MHz Ant2



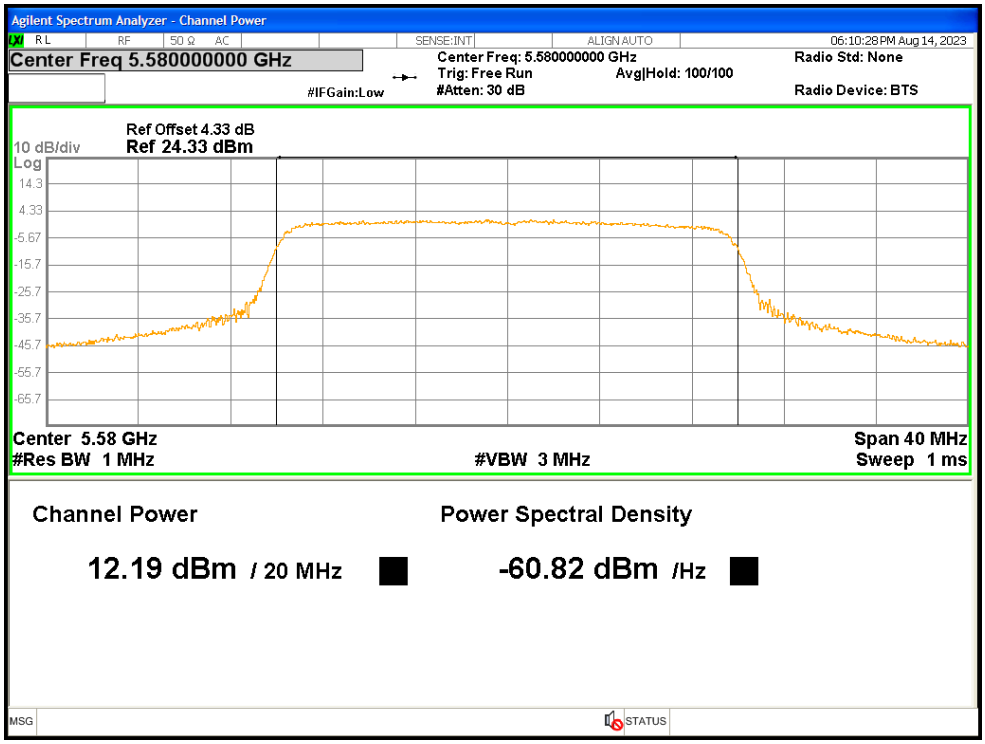
Power NVNT ax20 5500MHz Ant3



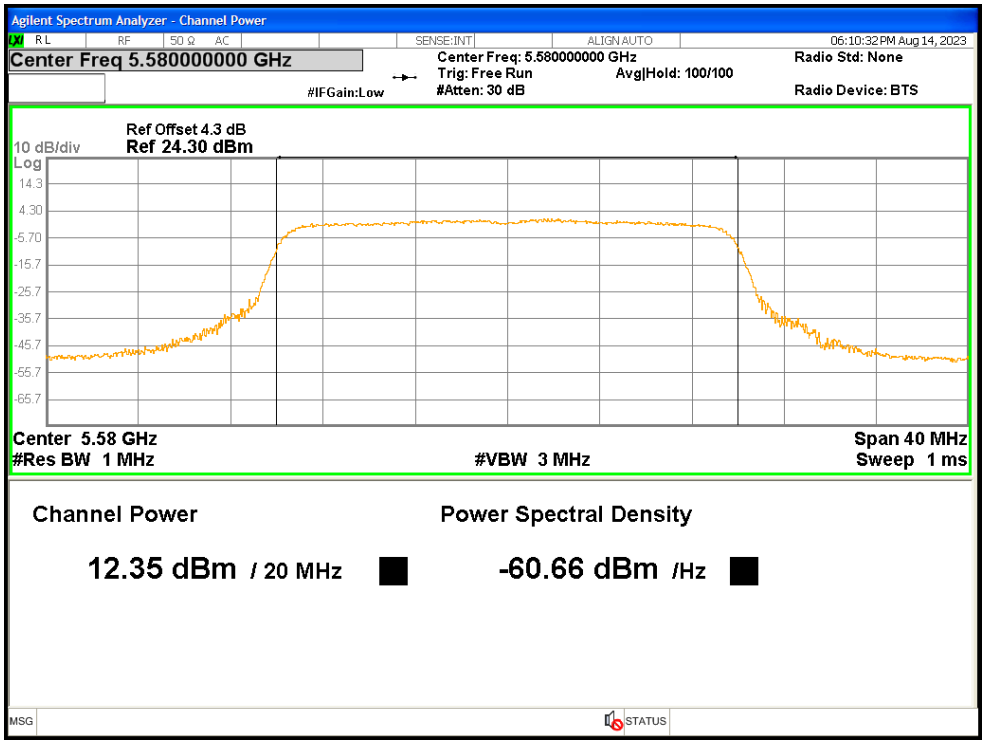
Power NVNT ax20 5580MHz Ant1



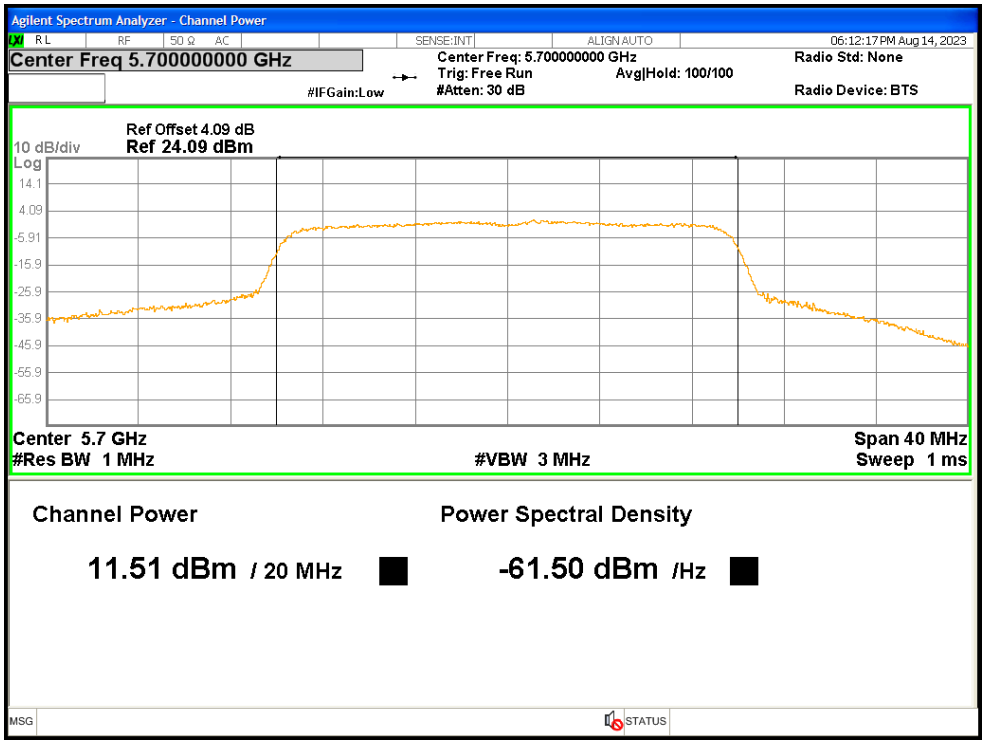
Power NVNT ax20 5580MHz Ant2



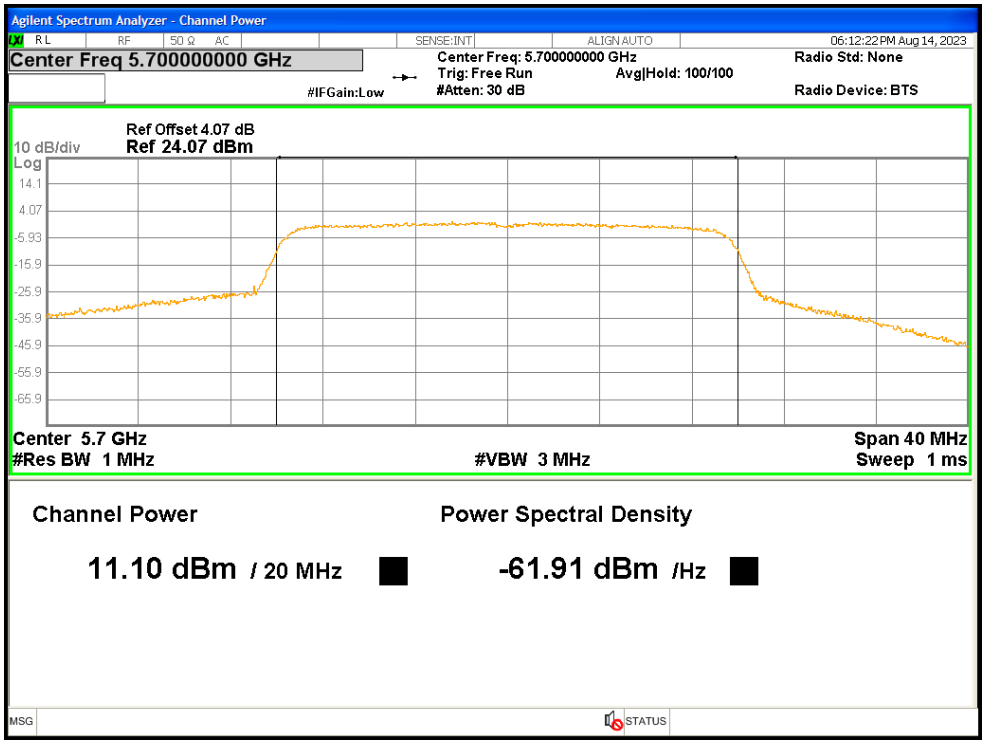
Power NVNT ax20 5580MHz Ant3



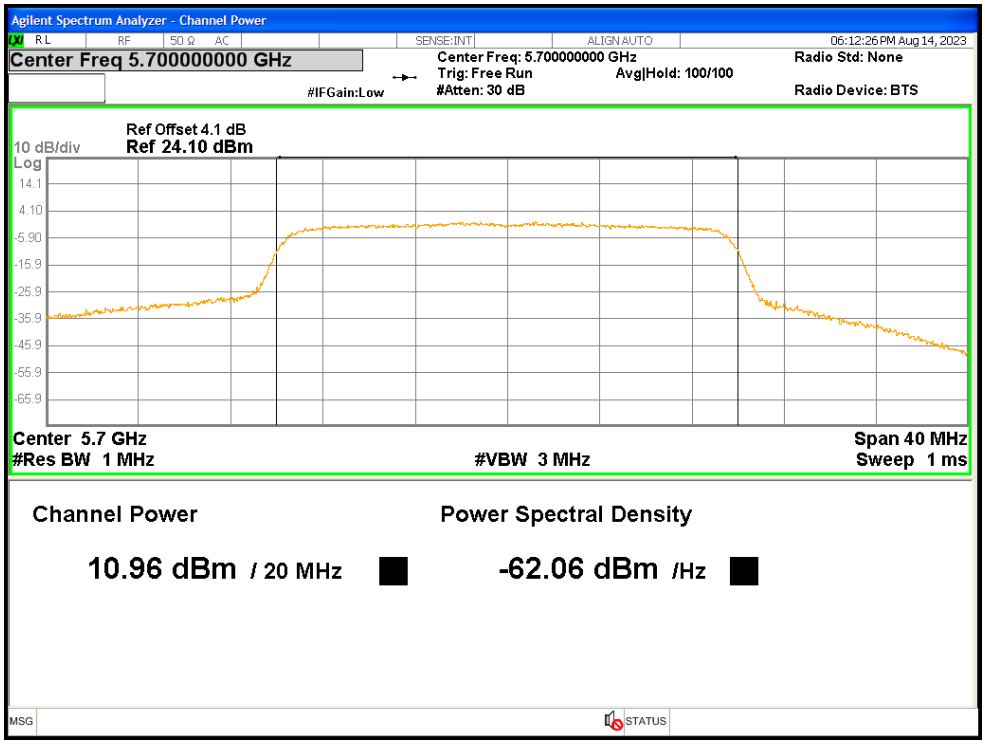
Power NVNT ax20 5700MHz Ant1



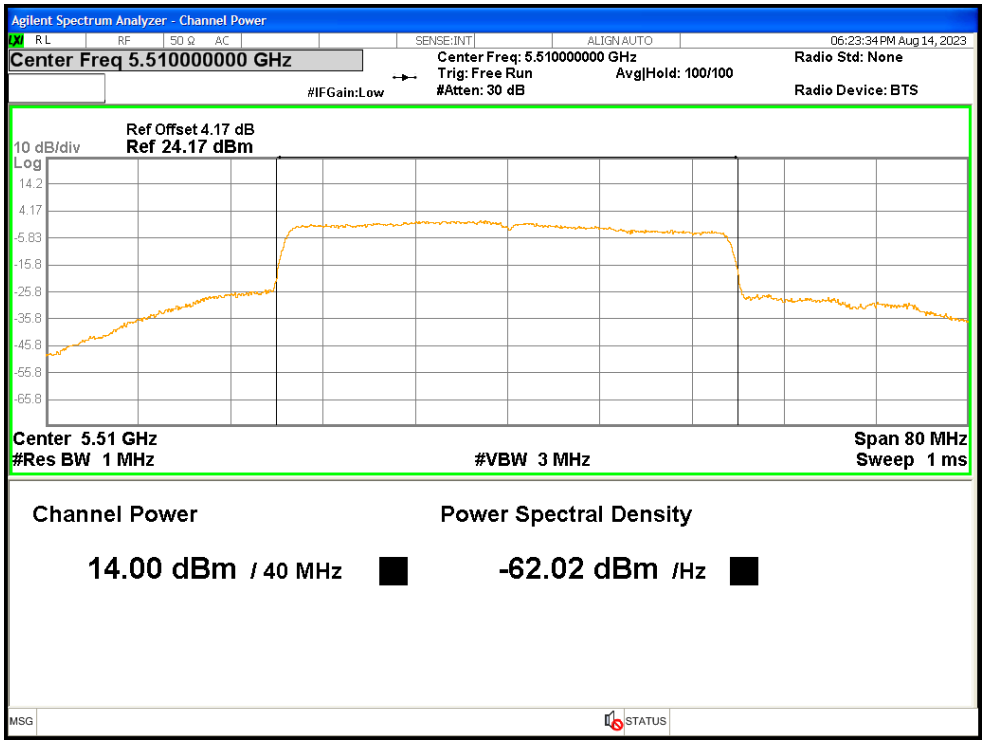
Power NVNT ax20 5700MHz Ant2



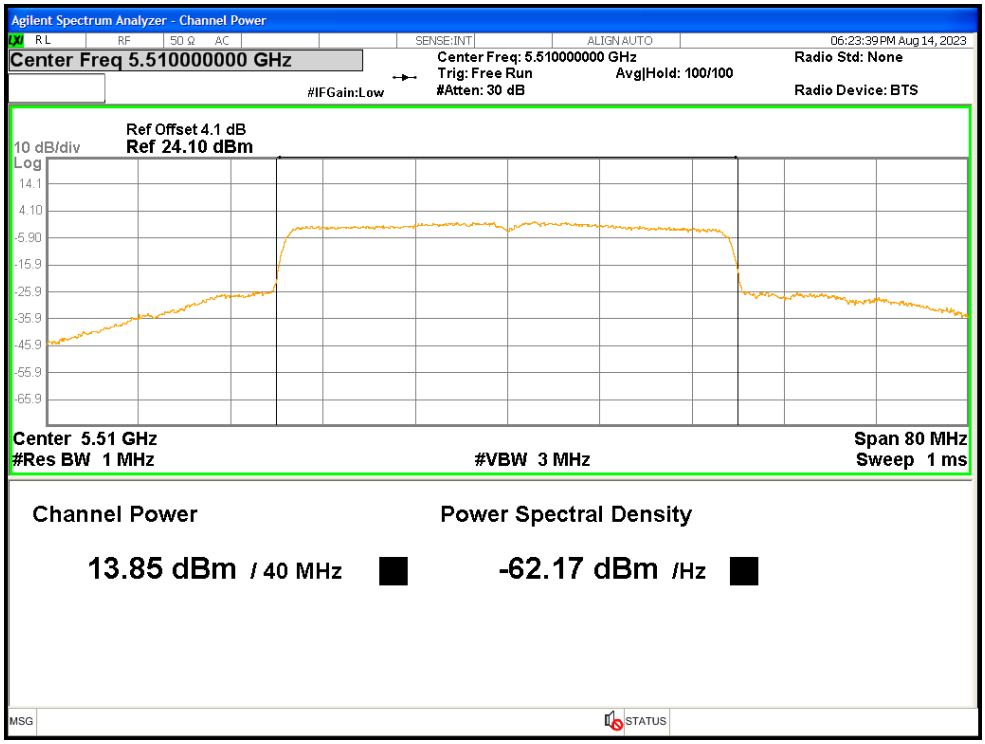
Power NVNT ax20 5700MHz Ant3



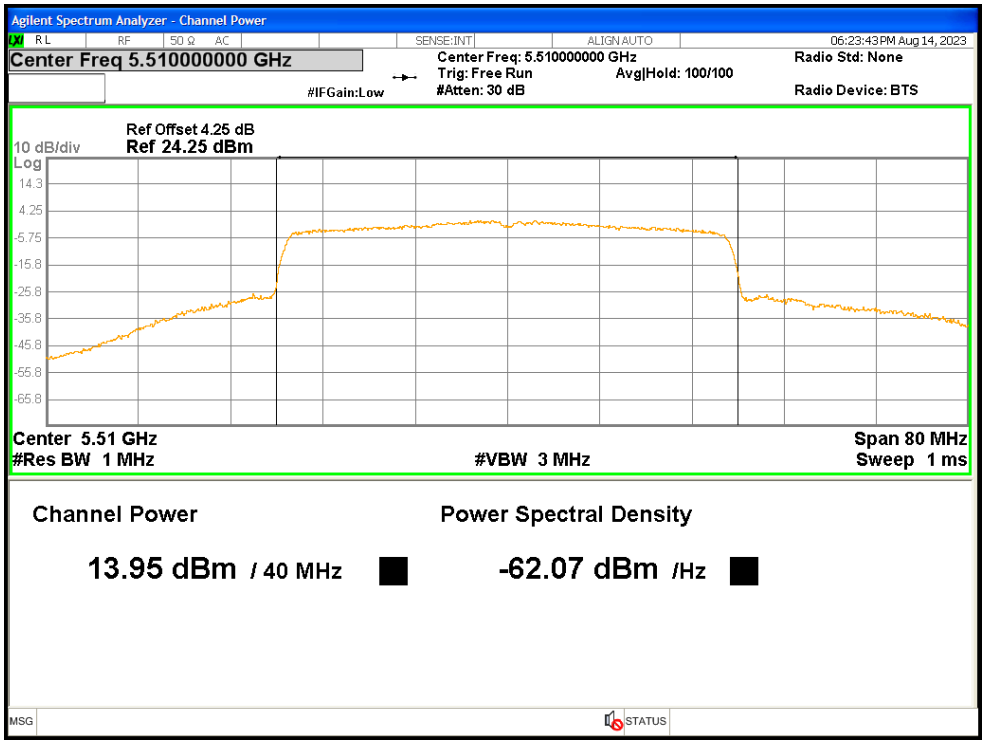
Power NVNT ax40 5510MHz Ant1



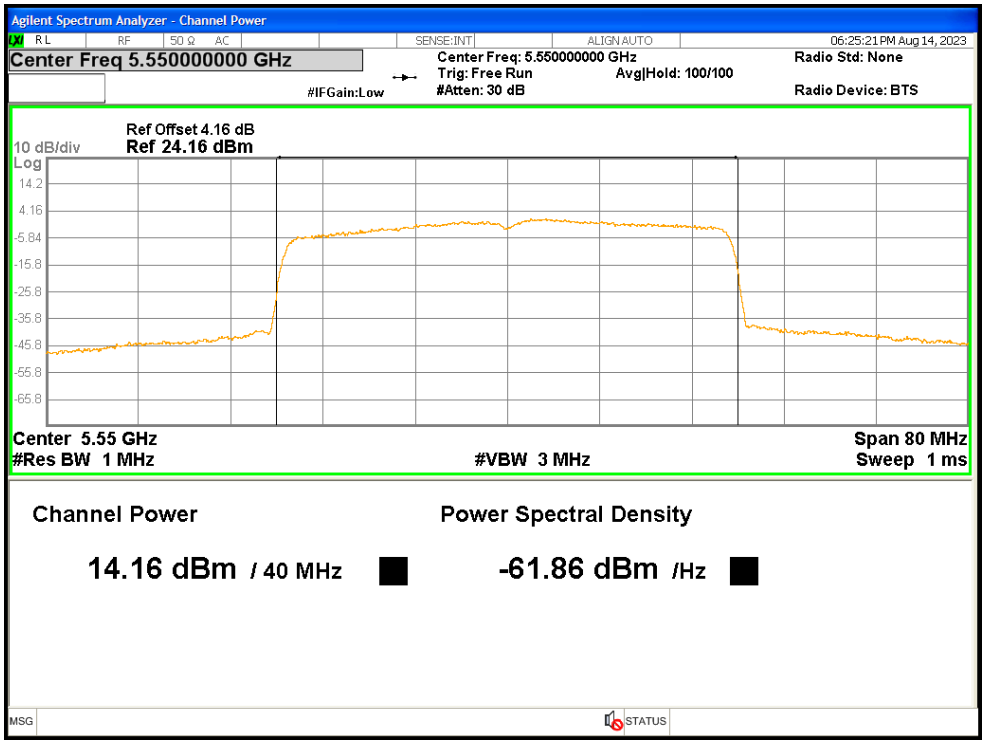
Power NVNT ax40 5510MHz Ant2



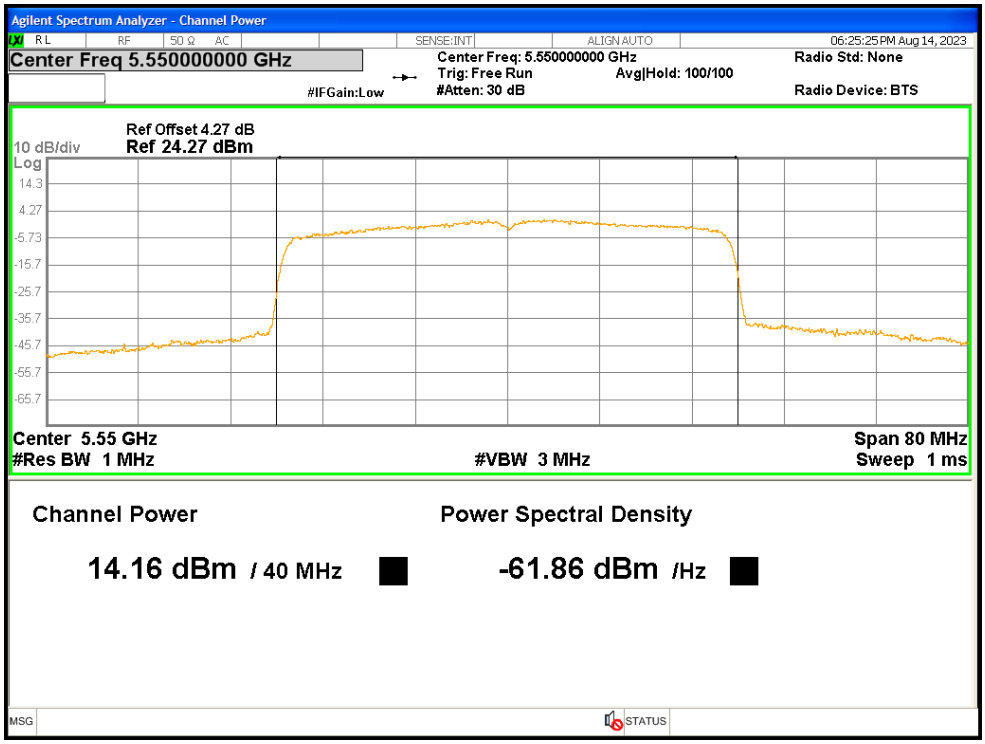
Power NVNT ax40 5510MHz Ant3



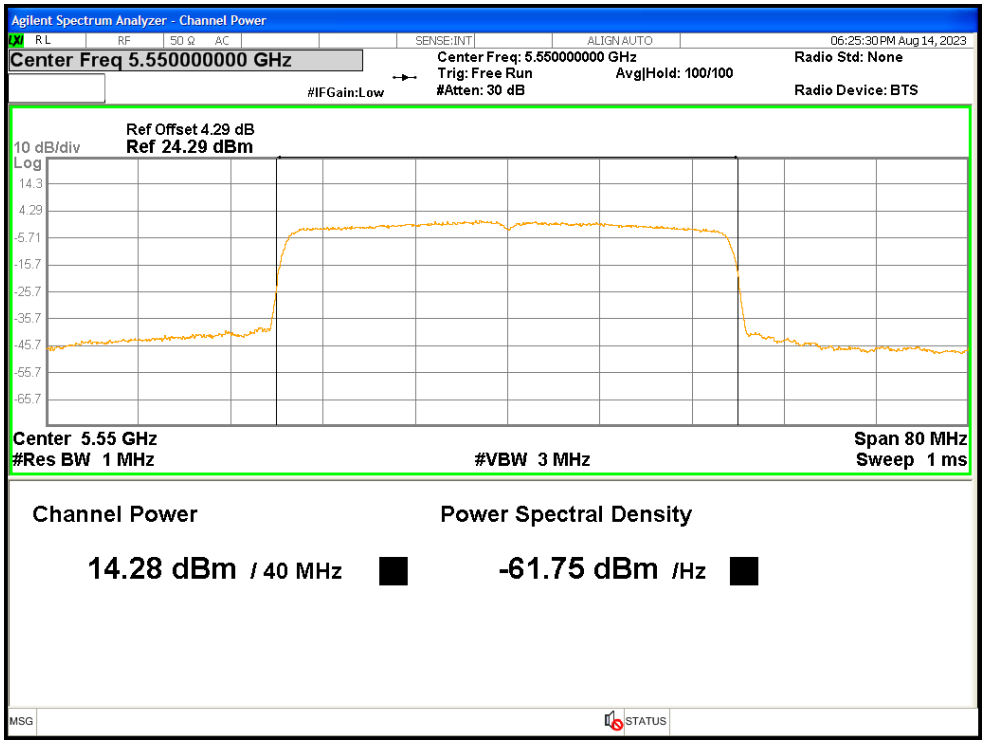
Power NVNT ax40 5550MHz Ant1



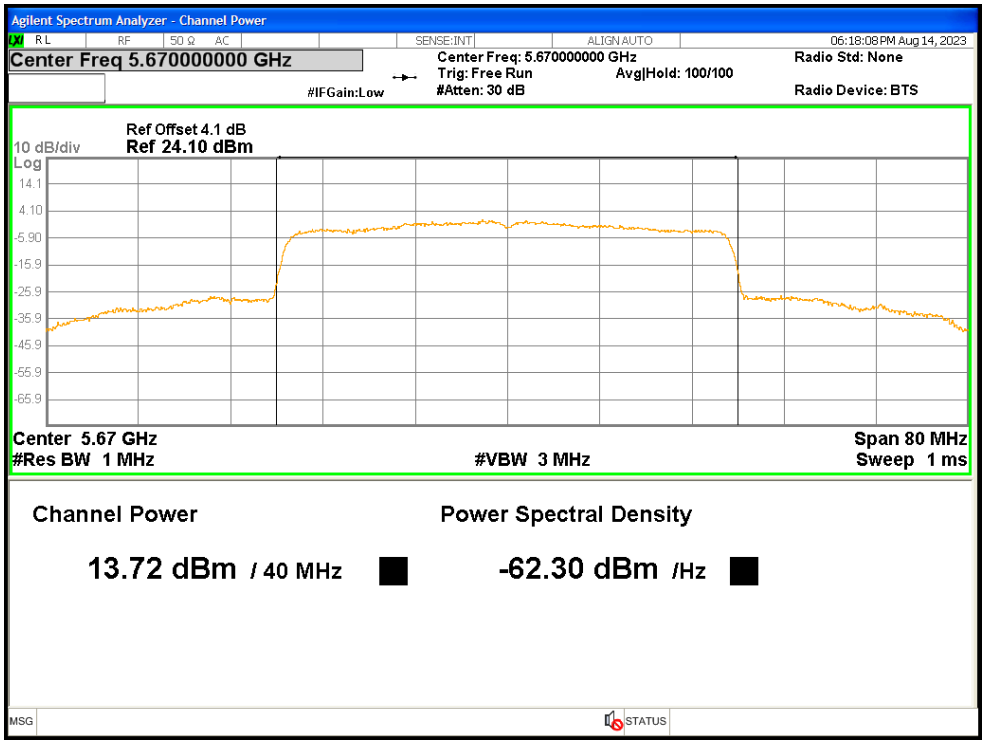
Power NVNT ax40 5550MHz Ant2



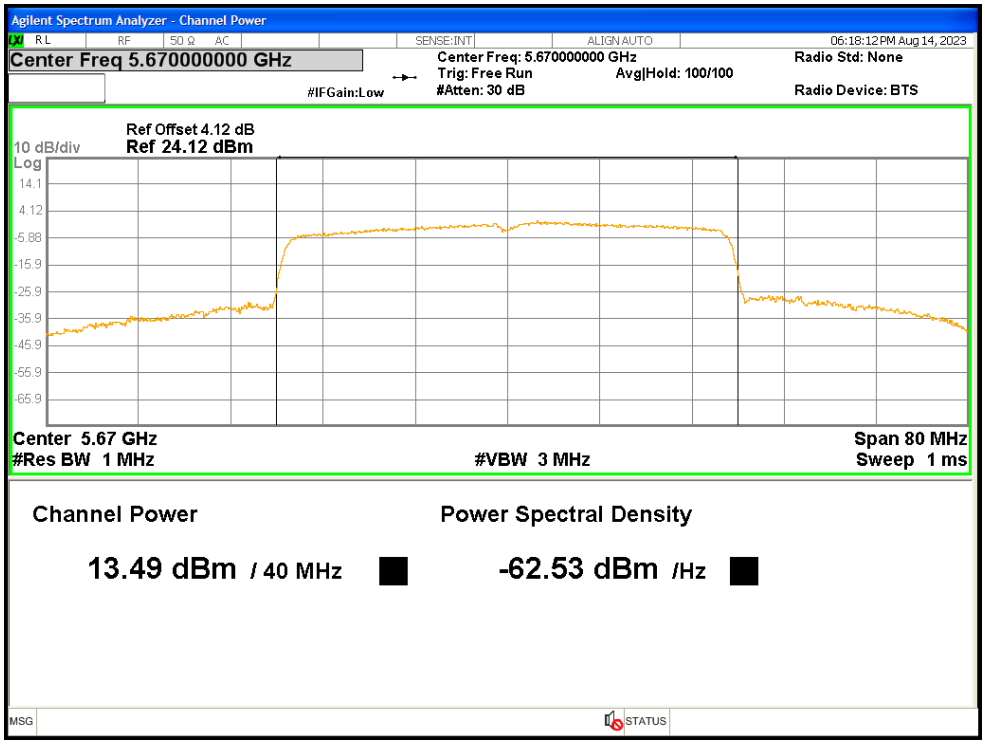
Power NVNT ax40 5550MHz Ant3



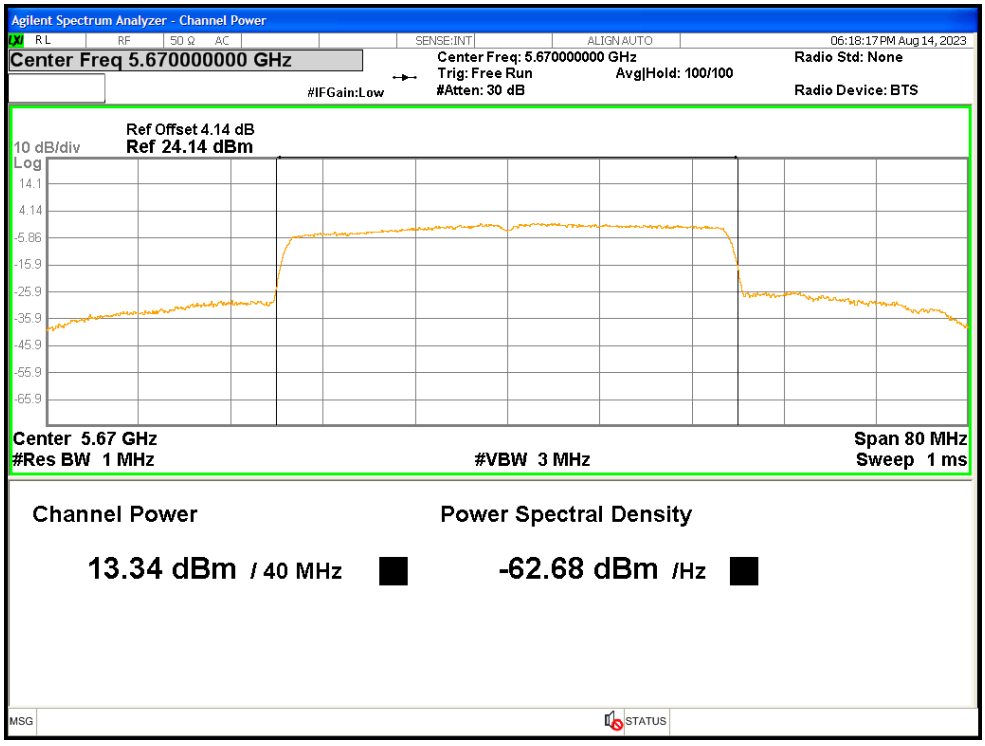
Power NVNT ax40 5670MHz Ant1



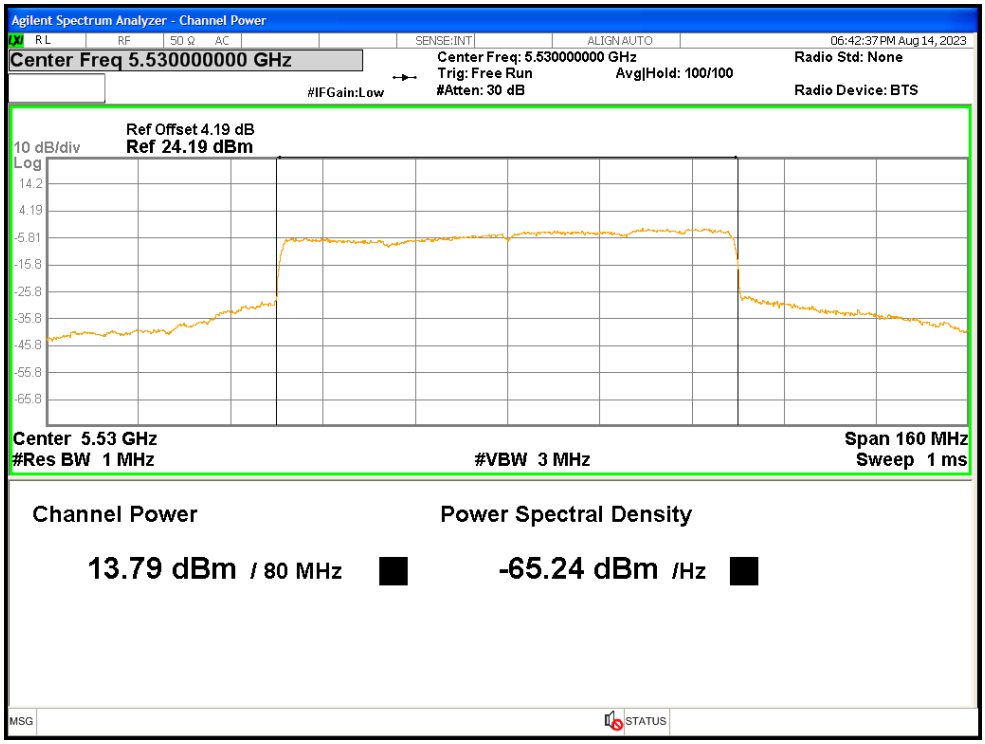
Power NVNT ax40 5670MHz Ant2



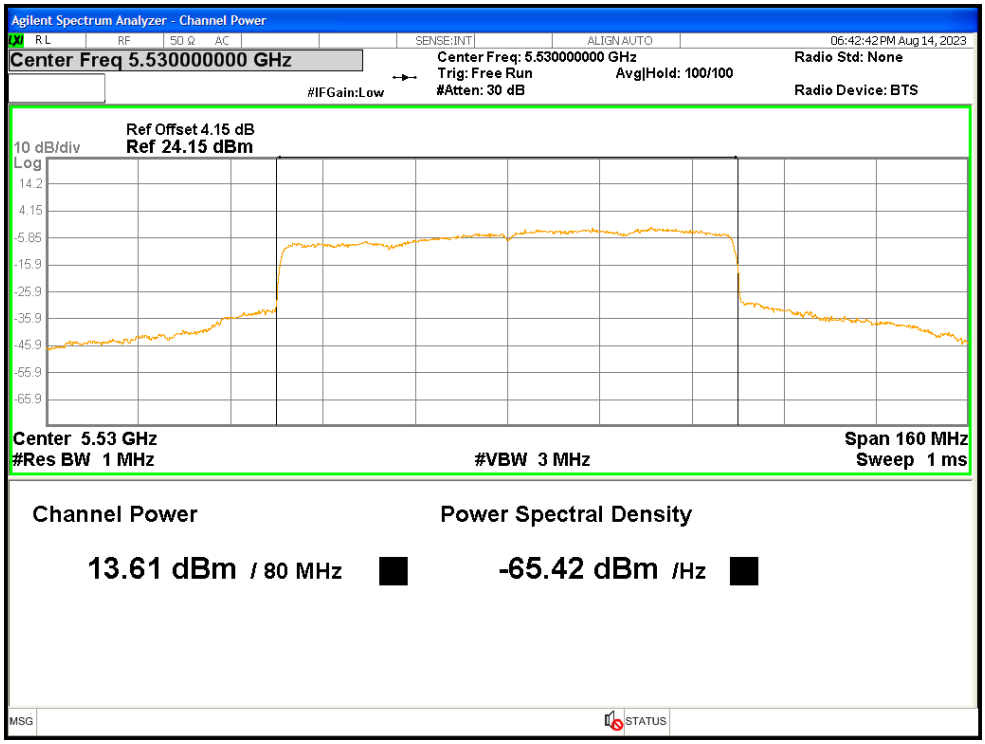
Power NVNT ax40 5670MHz Ant3



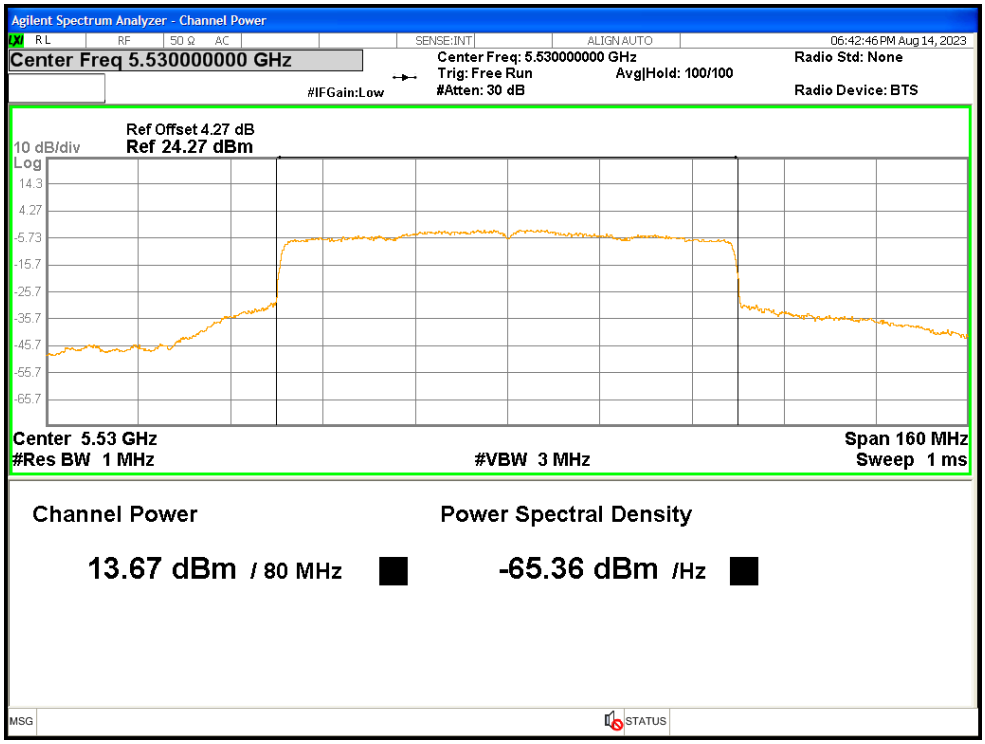
Power NVNT ax80 5530MHz Ant1



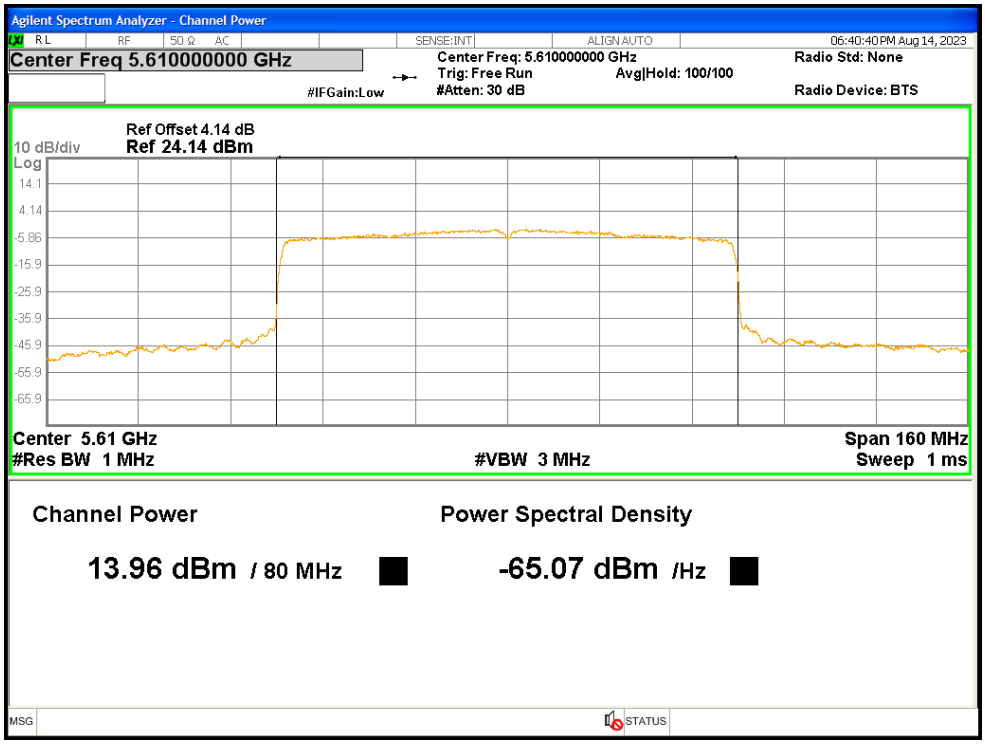
Power NVNT ax80 5530MHz Ant2



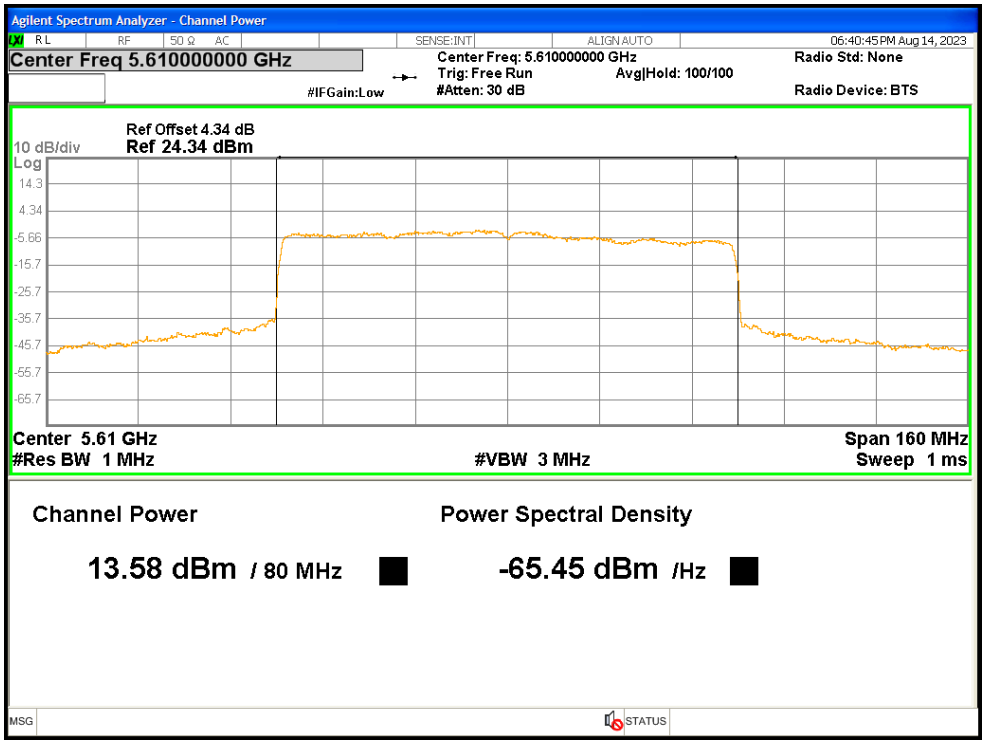
Power NVNT ax80 5530MHz Ant3



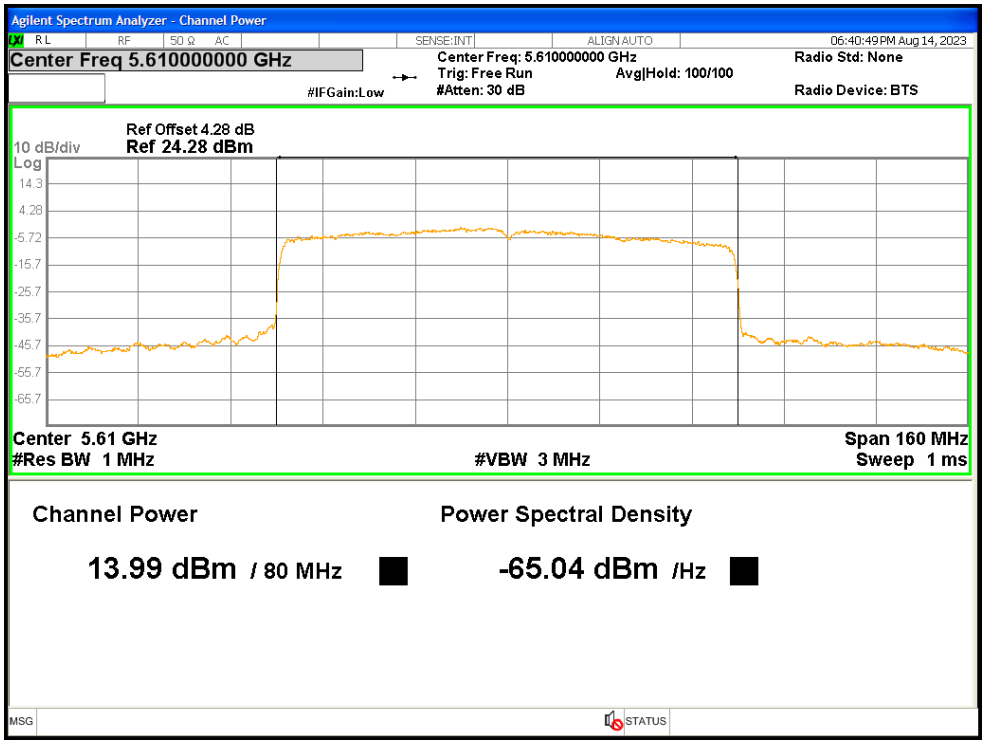
Power NVNT ax80 5610MHz Ant1



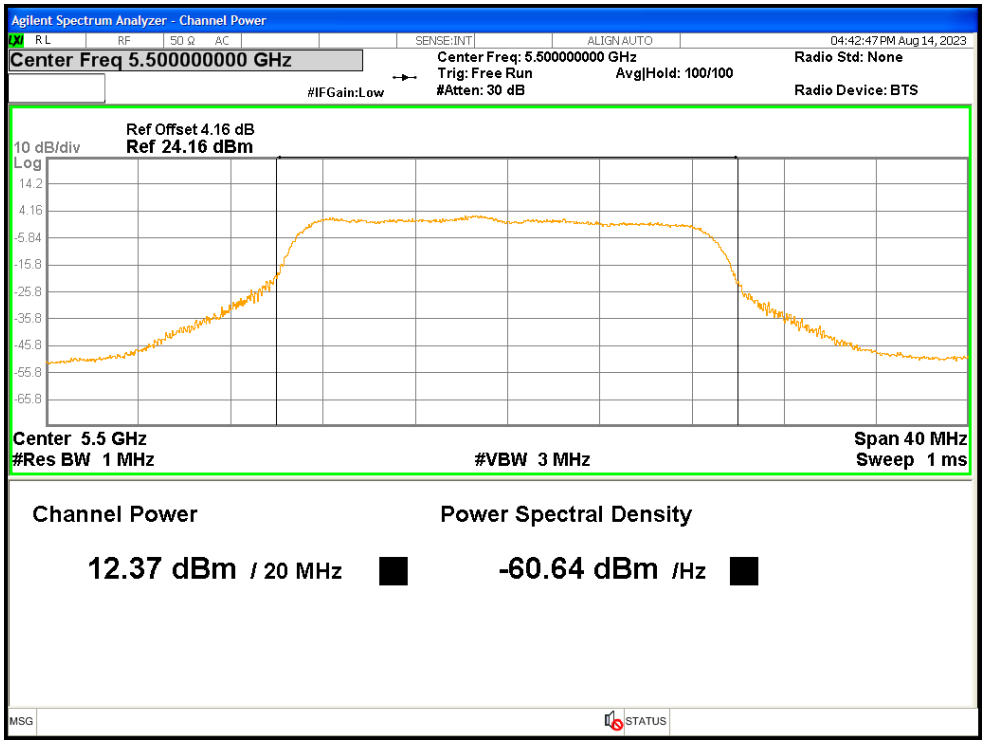
Power NVNT ax80 5610MHz Ant2



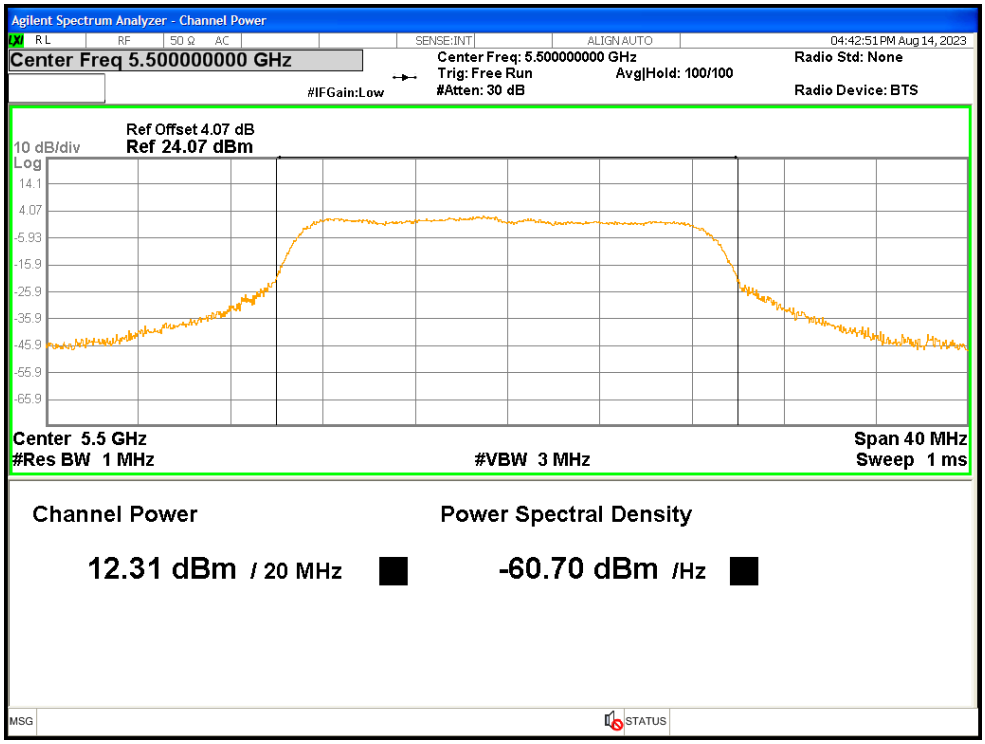
Power NVNT ax80 5610MHz Ant3



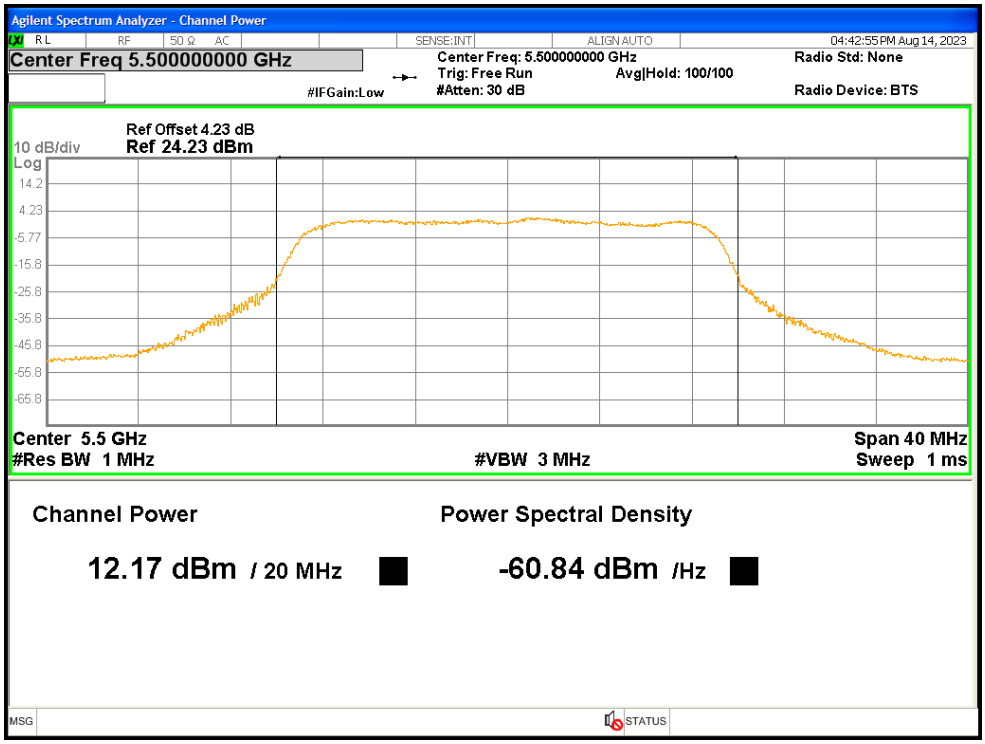
Power NVNT n20 5500MHz Ant1



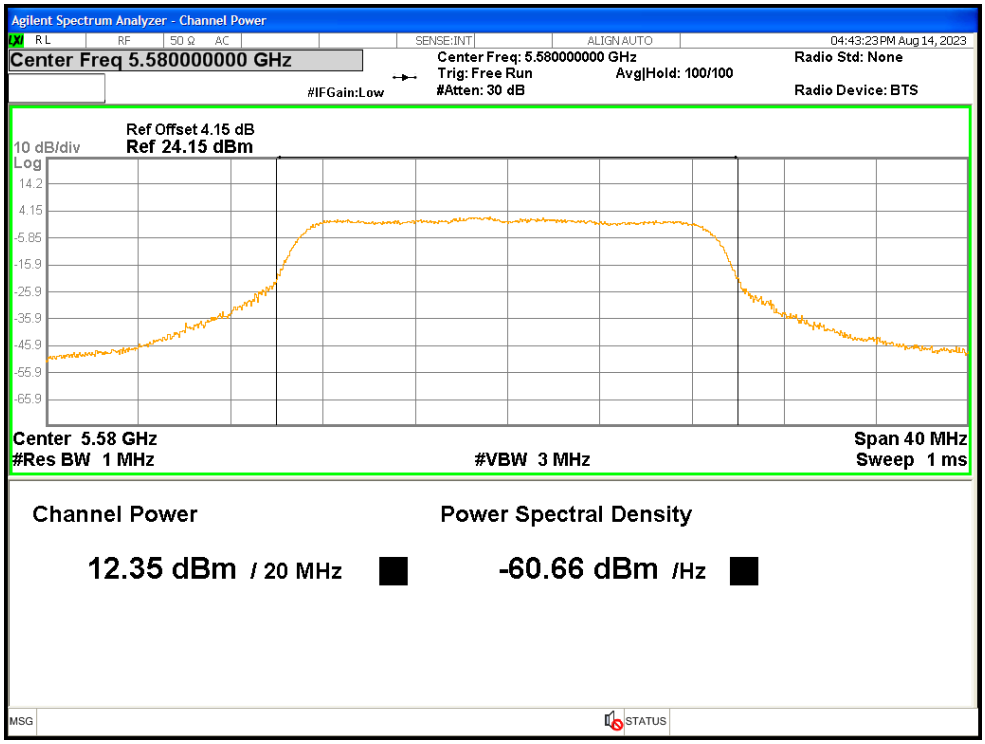
Power NVNT n20 5500MHz Ant2



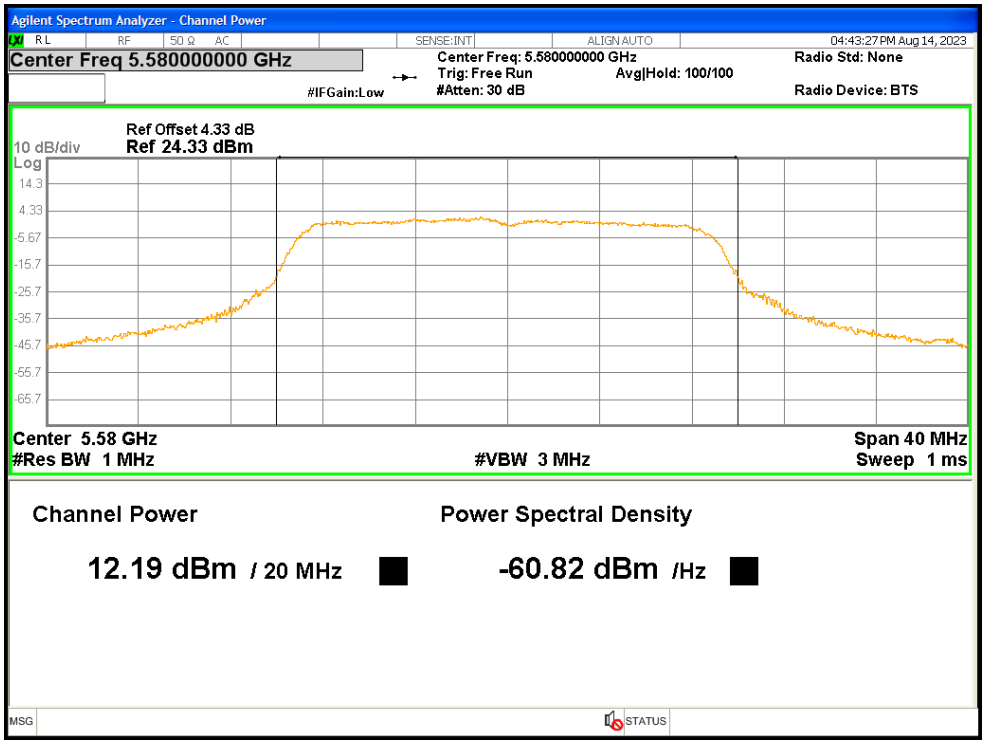
Power NVNT n20 5500MHz Ant3



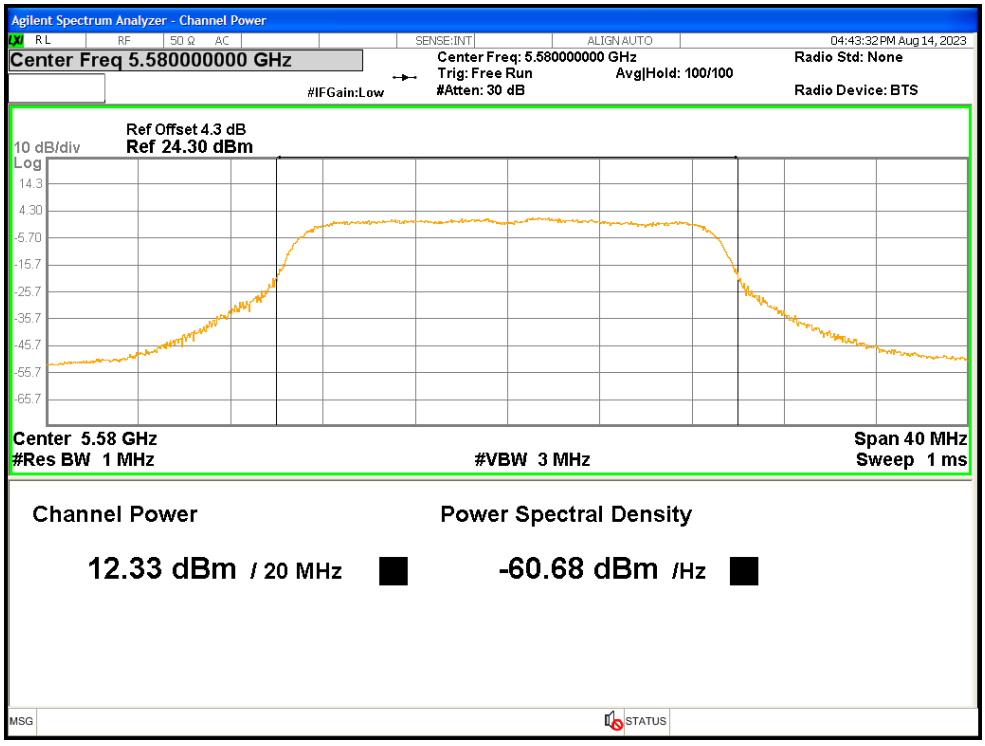
Power NVNT n20 5580MHz Ant1



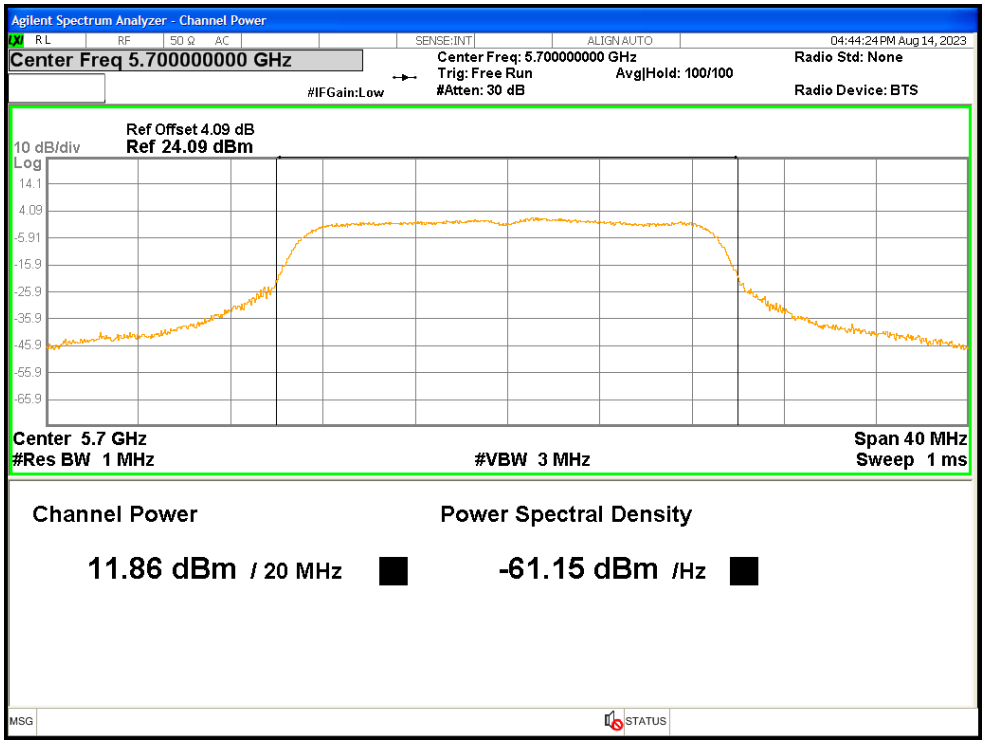
Power NVNT n20 5580MHz Ant2



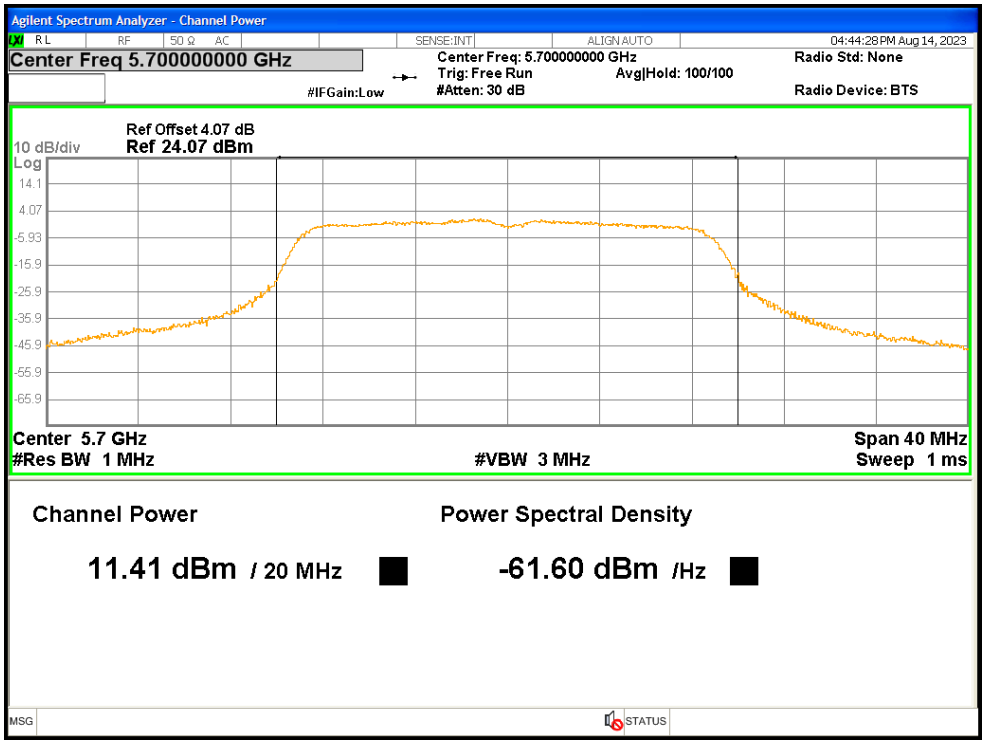
Power NVNT n20 5580MHz Ant3



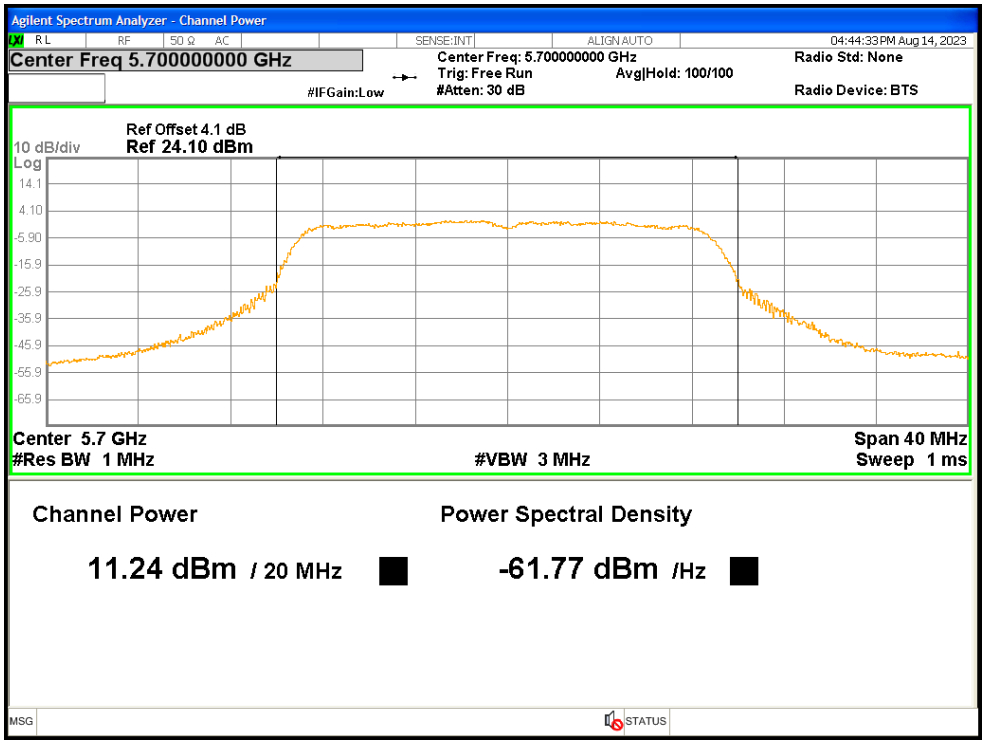
Power NVNT n20 5700MHz Ant1



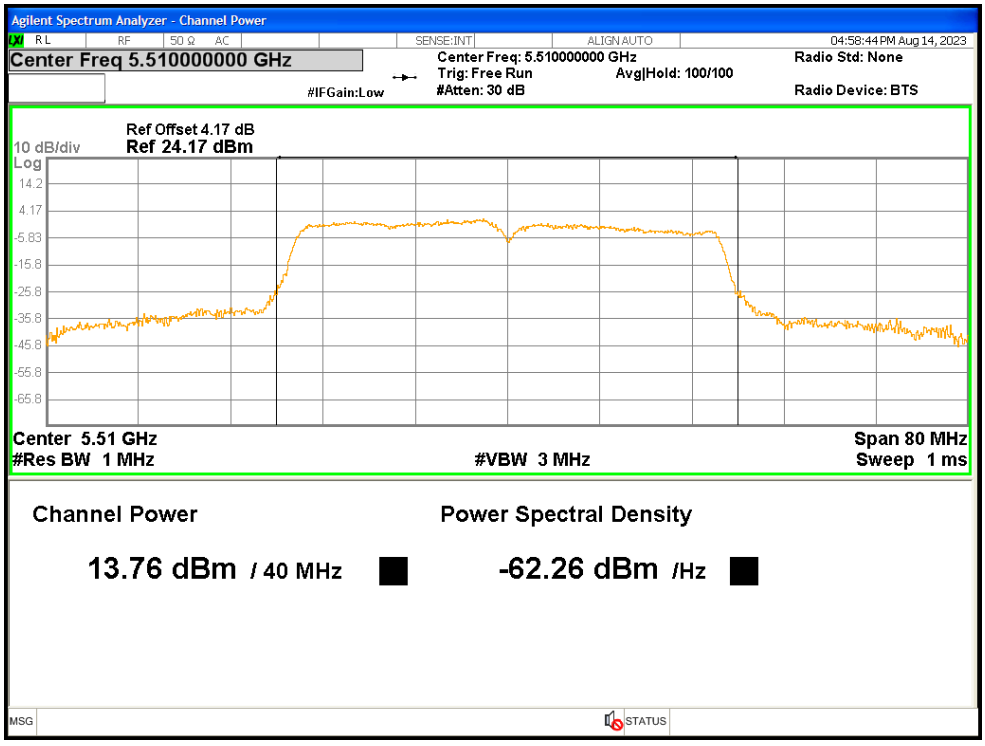
Power NVNT n20 5700MHz Ant2



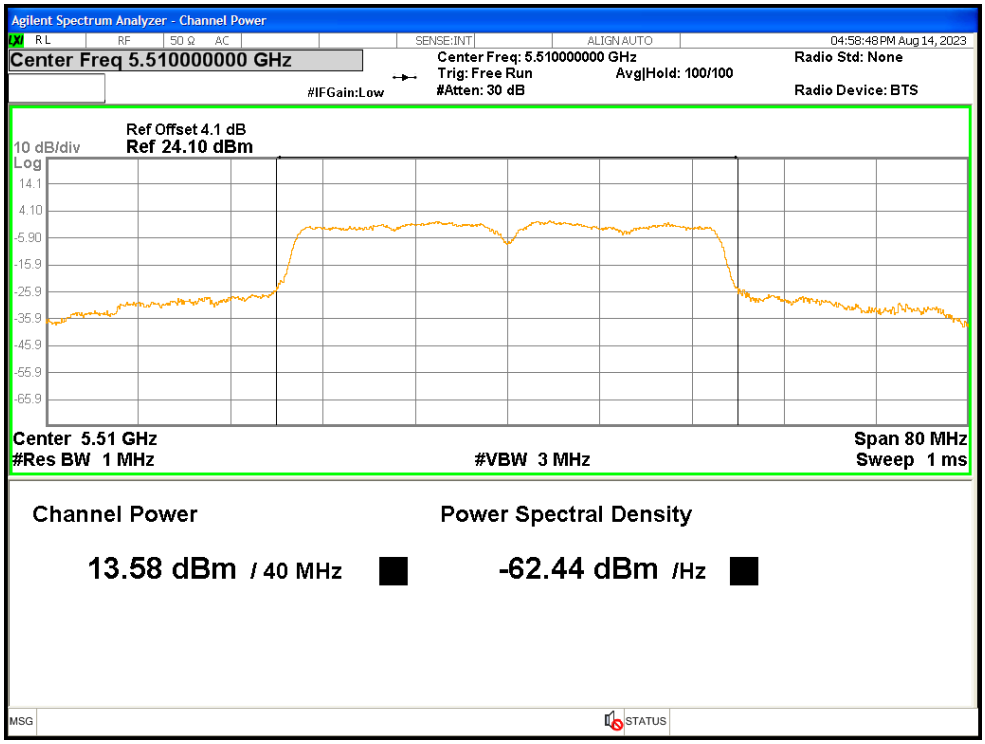
Power NVNT n20 5700MHz Ant3



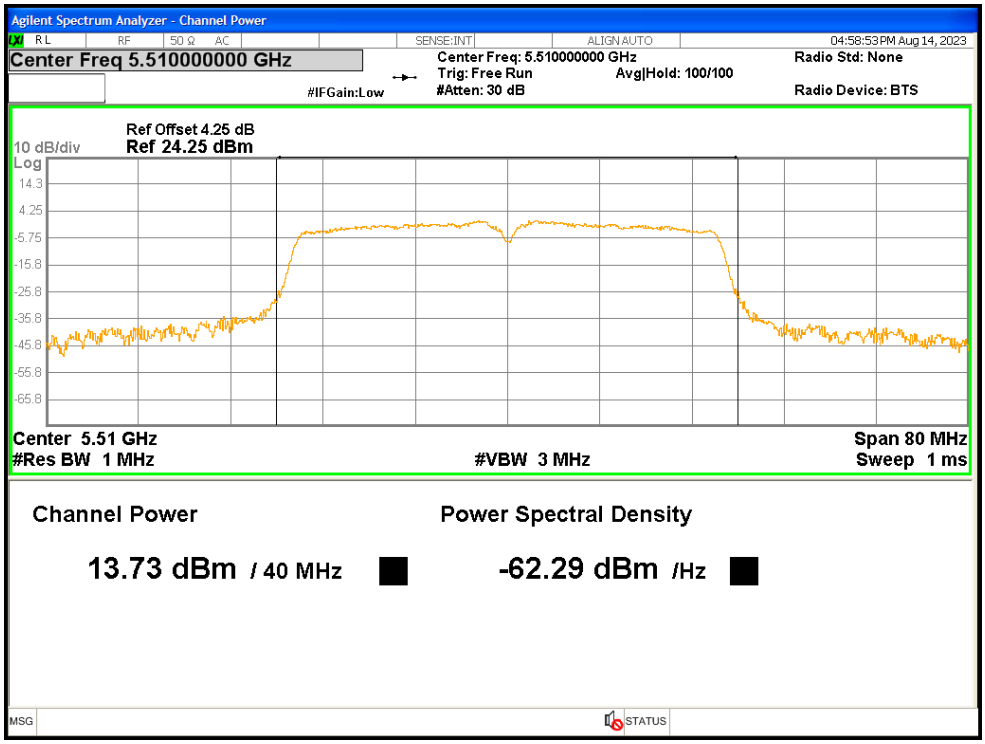
Power NVNT n40 5510MHz Ant1



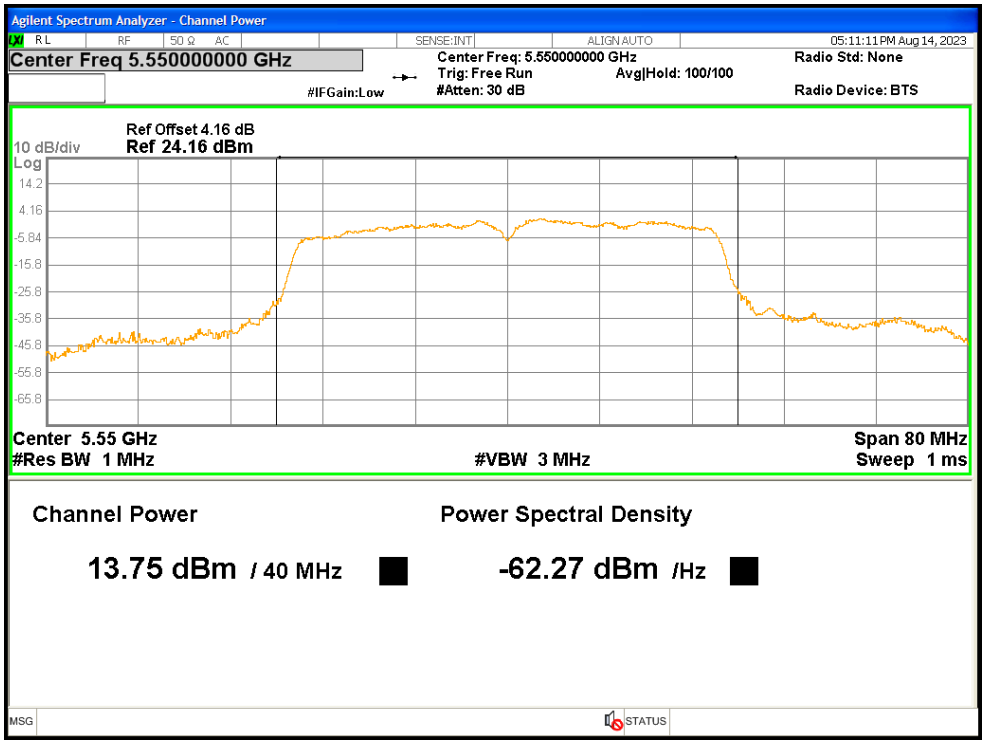
Power NVNT n40 5510MHz Ant2



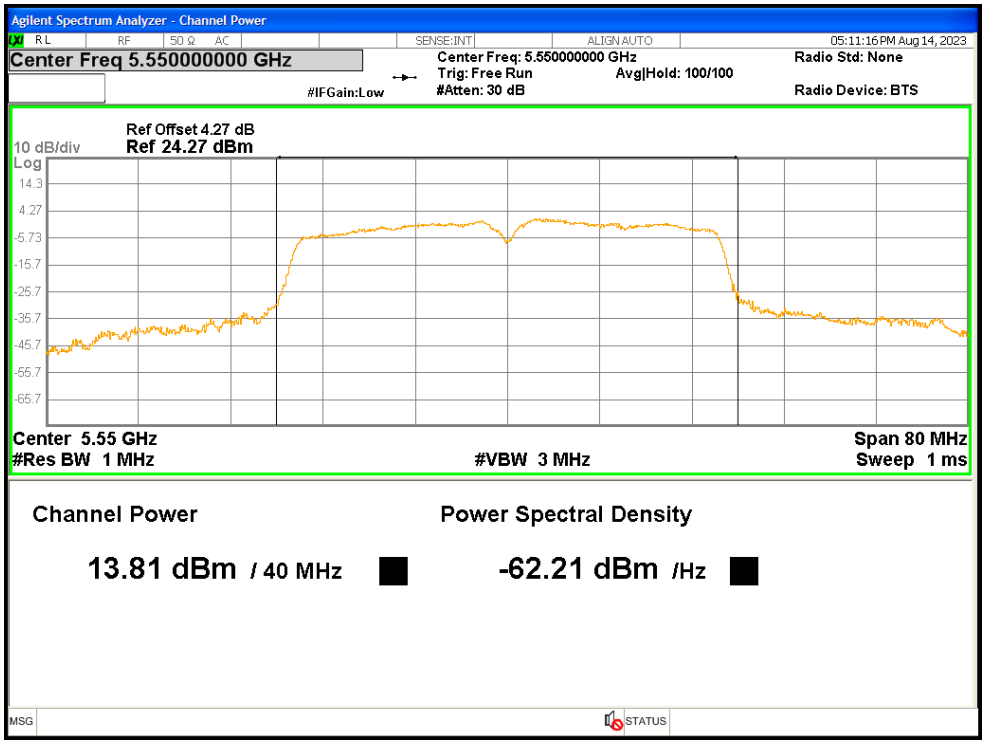
Power NVNT n40 5510MHz Ant3



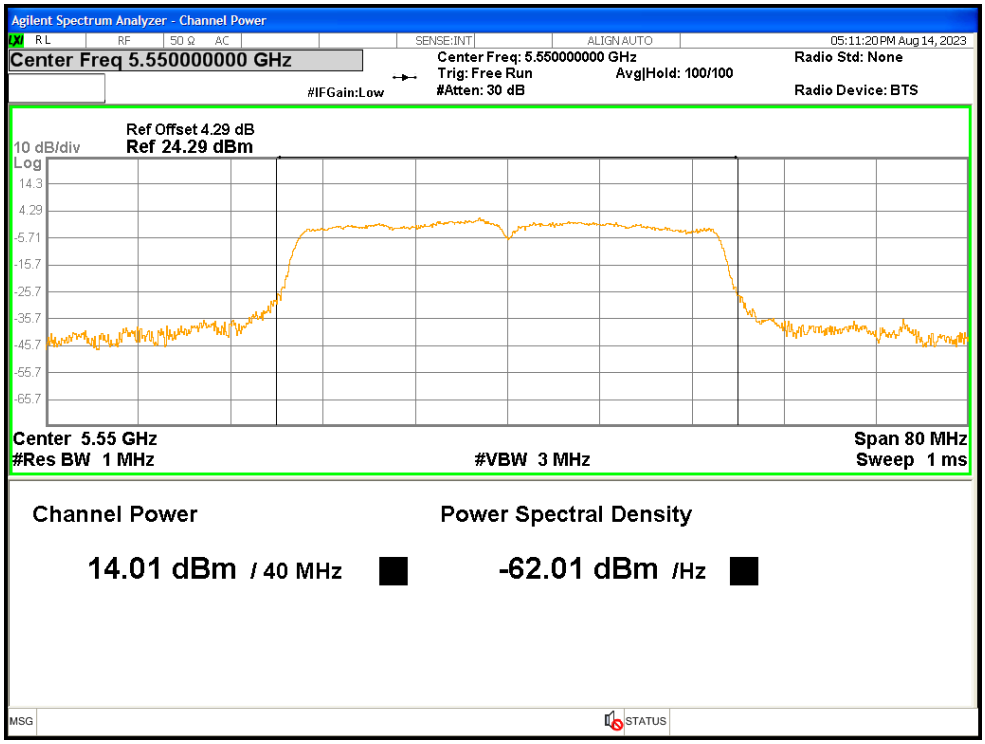
Power NVNT n40 5550MHz Ant1



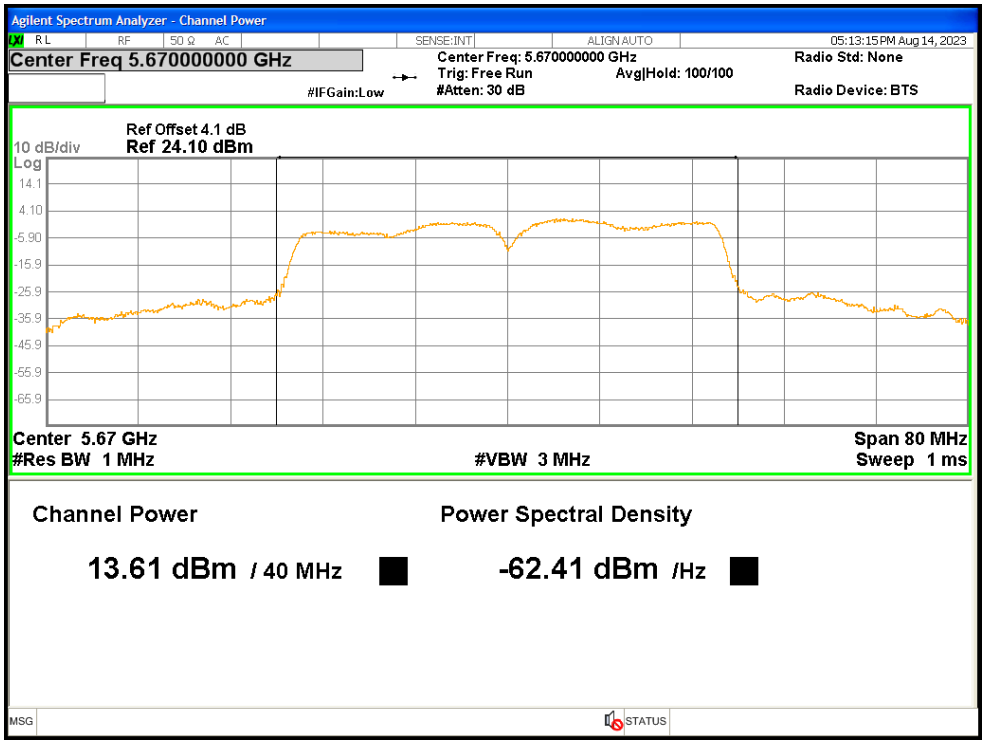
Power NVNT n40 5550MHz Ant2



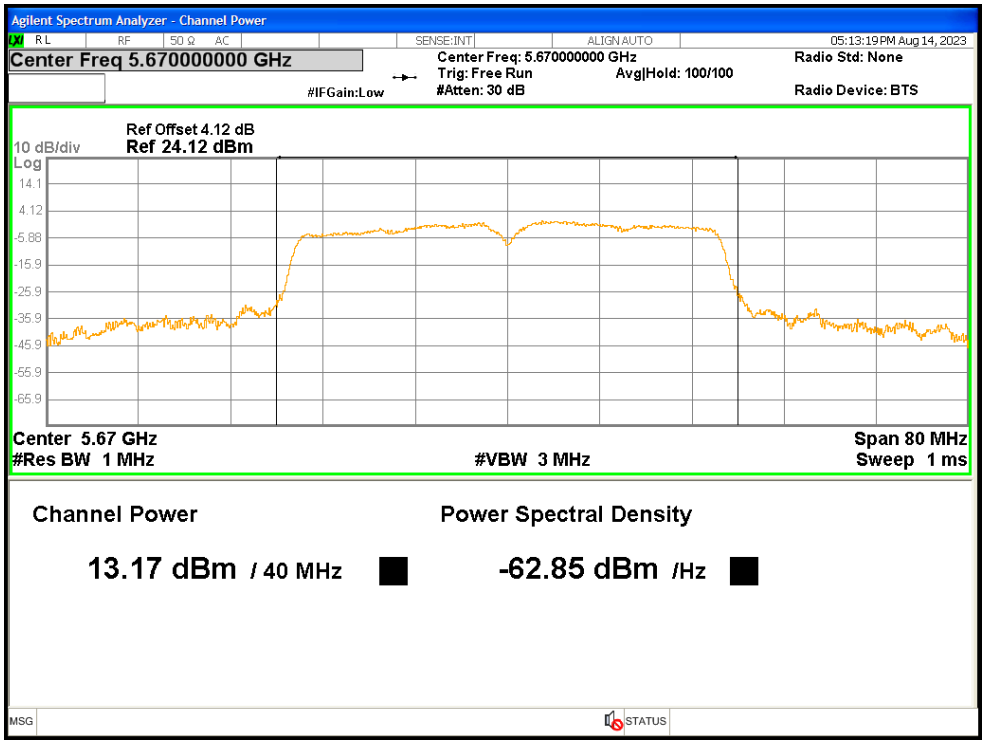
Power NVNT n40 5550MHz Ant3



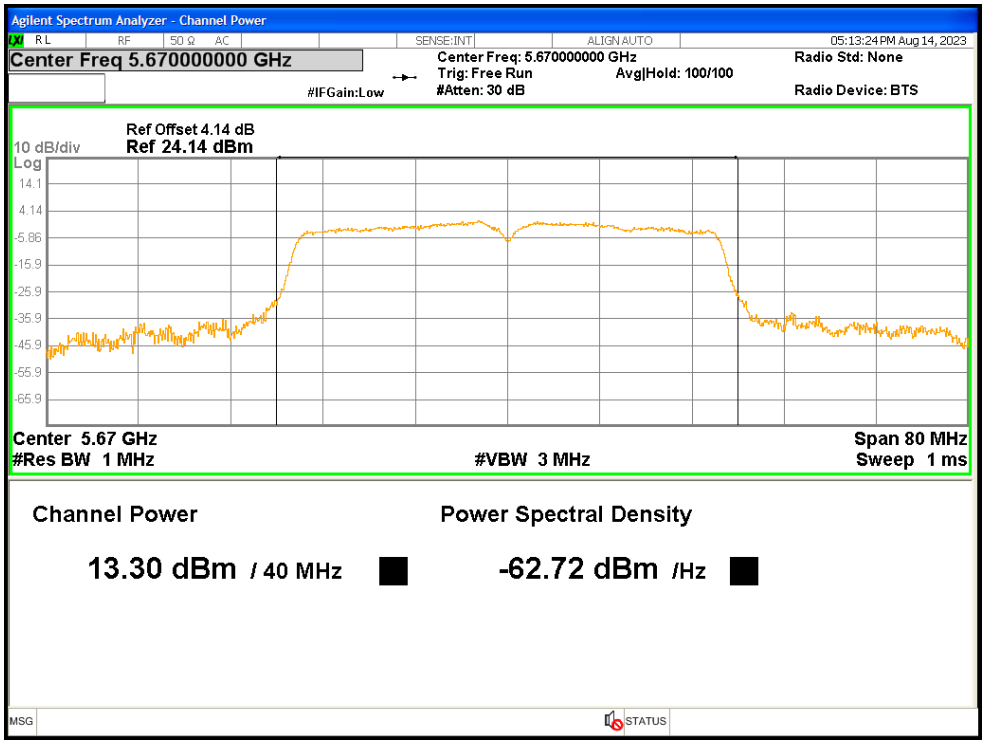
Power NVNT n40 5670MHz Ant1



Power NVNT n40 5670MHz Ant2



Power NVNT n40 5670MHz Ant3



3. -26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5500	Ant1	26.1737	Pass
NVNT	a	5580	Ant1	20.9952	Pass
NVNT	a	5700	Ant1	29.0664	Pass
NVNT	a	5500	Ant2	29.1087	Pass
NVNT	a	5580	Ant2	22.8092	Pass
NVNT	a	5700	Ant2	25.8513	Pass
NVNT	a	5500	Ant3	27.3655	Pass
NVNT	a	5580	Ant3	22.3154	Pass
NVNT	a	5700	Ant3	24.9673	Pass
NVNT	ac160	5570	Ant1	158.9096	Pass
NVNT	ac160	5570	Ant2	157.989	Pass
NVNT	ac160	5570	Ant3	169.2598	Pass
NVNT	ac20	5500	Ant1	28.7156	Pass
NVNT	ac20	5500	Ant2	25.8856	Pass
NVNT	ac20	5500	Ant3	26.4439	Pass
NVNT	ac20	5580	Ant1	21.9835	Pass
NVNT	ac20	5580	Ant2	21.5323	Pass
NVNT	ac20	5580	Ant3	21.5085	Pass
NVNT	ac20	5700	Ant1	26.0093	Pass
NVNT	ac20	5700	Ant2	25.6728	Pass
NVNT	ac20	5700	Ant3	23.6983	Pass
NVNT	ac40	5510	Ant1	46.5901	Pass
NVNT	ac40	5510	Ant2	56.9354	Pass
NVNT	ac40	5510	Ant3	46.9628	Pass
NVNT	ac40	5550	Ant1	39.6715	Pass
NVNT	ac40	5550	Ant2	39.216	Pass
NVNT	ac40	5550	Ant3	39.3774	Pass
NVNT	ac40	5670	Ant1	49.8428	Pass
NVNT	ac40	5670	Ant2	50.6728	Pass
NVNT	ac40	5670	Ant3	56.8295	Pass
NVNT	ac80	5530	Ant1	98.0934	Pass
NVNT	ac80	5530	Ant2	88.4422	Pass
NVNT	ac80	5530	Ant3	88.9099	Pass
NVNT	ac80	5610	Ant1	78.3263	Pass
NVNT	ac80	5610	Ant2	78.5607	Pass
NVNT	ac80	5610	Ant3	78.3016	Pass
NVNT	ax160	5570	Ant1	159.1152	Pass
NVNT	ax160	5570	Ant2	158.8828	Pass
NVNT	ax160	5570	Ant3	159.0543	Pass
NVNT	ax20	5500	Ant1	25.2986	Pass
NVNT	ax20	5500	Ant2	27.5013	Pass

NVNT	ax20	5500	Ant3	26.4149	Pass
NVNT	ax20	5580	Ant1	22.3905	Pass
NVNT	ax20	5580	Ant2	21.9562	Pass
NVNT	ax20	5580	Ant3	22.0104	Pass
NVNT	ax20	5700	Ant1	24.7486	Pass
NVNT	ax20	5700	Ant2	25.8571	Pass
NVNT	ax20	5700	Ant3	23.0382	Pass
NVNT	ax40	5510	Ant1	52.9495	Pass
NVNT	ax40	5510	Ant2	55.7696	Pass
NVNT	ax40	5510	Ant3	49.6811	Pass
NVNT	ax40	5550	Ant1	38.9852	Pass
NVNT	ax40	5550	Ant2	39.0283	Pass
NVNT	ax40	5550	Ant3	39.2096	Pass
NVNT	ax40	5670	Ant1	52.7638	Pass
NVNT	ax40	5670	Ant2	46.7609	Pass
NVNT	ax40	5670	Ant3	54.329	Pass
NVNT	ax80	5530	Ant1	87.3812	Pass
NVNT	ax80	5530	Ant2	80.0997	Pass
NVNT	ax80	5530	Ant3	80.4582	Pass
NVNT	ax80	5610	Ant1	79.0937	Pass
NVNT	ax80	5610	Ant2	79.2453	Pass
NVNT	ax80	5610	Ant3	79.2434	Pass
NVNT	n20	5500	Ant1	21.2441	Pass
NVNT	n20	5500	Ant2	21.9289	Pass
NVNT	n20	5500	Ant3	21.4049	Pass
NVNT	n20	5580	Ant1	20.9478	Pass
NVNT	n20	5580	Ant2	22.5972	Pass
NVNT	n20	5580	Ant3	21.4187	Pass
NVNT	n20	5700	Ant1	20.7387	Pass
NVNT	n20	5700	Ant2	21.6118	Pass
NVNT	n20	5700	Ant3	20.7904	Pass
NVNT	n40	5510	Ant1	41.0136	Pass
NVNT	n40	5510	Ant2	54.8575	Pass
NVNT	n40	5510	Ant3	39.8859	Pass
NVNT	n40	5550	Ant1	40.3555	Pass
NVNT	n40	5550	Ant2	39.1603	Pass
NVNT	n40	5550	Ant3	39.7067	Pass
NVNT	n40	5670	Ant1	46.0487	Pass
NVNT	n40	5670	Ant2	39.4569	Pass
NVNT	n40	5670	Ant3	40.0972	Pass