

2.1.1 Test Result

ANT1

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	11.33	0	11.33	24	Pass
NVNT	a	5240	Ant1	11.09	0	11.09	24	Pass
NVNT	a	5260	Ant1	11.15	0	11.15	24	Pass
NVNT	a	5320	Ant1	11.21	0	11.21	24	Pass
NVNT	a	5500	Ant1	11.8	0	11.8	24	Pass
NVNT	a	5700	Ant1	12.77	0	12.77	24	Pass
NVNT	a	5745	Ant1	10.34	0	10.34	30	Pass
NVNT	a	5825	Ant1	10.05	0	10.05	30	Pass
NVNT	n20	5180	Ant1	11.07	0	11.07	24	Pass
NVNT	n20	5240	Ant1	10.79	0	10.79	24	Pass
NVNT	n20	5260	Ant1	11.04	0	11.04	24	Pass
NVNT	n20	5320	Ant1	11.25	0	11.25	24	Pass
NVNT	n20	5500	Ant1	11.51	0	11.51	24	Pass
NVNT	n20	5700	Ant1	12.55	0	12.55	24	Pass
NVNT	n20	5745	Ant1	10.4	0	10.4	30	Pass
NVNT	n20	5825	Ant1	10.03	0	10.03	30	Pass
NVNT	n40	5190	Ant1	11.81	0	11.81	24	Pass
NVNT	n40	5230	Ant1	9.88	0	9.88	24	Pass
NVNT	n40	5270	Ant1	12.39	0	12.39	24	Pass
NVNT	n40	5310	Ant1	11.21	0	11.21	24	Pass
NVNT	n40	5510	Ant1	10.44	0	10.44	24	Pass
NVNT	n40	5670	Ant1	14.17	0	14.17	24	Pass
NVNT	n40	5755	Ant1	10.47	0	10.47	30	Pass
NVNT	n40	5795	Ant1	10.01	0	10.01	30	Pass
NVNT	ac20	5180	Ant1	11.17	0	11.17	24	Pass
NVNT	ac20	5240	Ant1	10.87	0	10.87	24	Pass
NVNT	ac20	5260	Ant1	11.05	0	11.05	24	Pass
NVNT	ac20	5320	Ant1	11.15	0	11.15	24	Pass
NVNT	ac20	5500	Ant1	11.55	0	11.55	24	Pass
NVNT	ac20	5700	Ant1	12.64	0	12.64	24	Pass
NVNT	ac20	5745	Ant1	10.23	0	10.23	30	Pass
NVNT	ac20	5825	Ant1	9.93	0	9.93	30	Pass
NVNT	ac40	5190	Ant1	11.99	0	11.99	24	Pass
NVNT	ac40	5230	Ant1	11.6	0	11.6	24	Pass
NVNT	ac40	5270	Ant1	12.34	0	12.34	24	Pass
NVNT	ac40	5310	Ant1	11.22	0	11.22	24	Pass
NVNT	ac40	5510	Ant1	10.43	0	10.43	24	Pass
NVNT	ac40	5670	Ant1	14.05	0	14.05	24	Pass
NVNT	ac40	5755	Ant1	10.41	0	10.41	30	Pass
NVNT	ac40	5795	Ant1	9.86	0	9.86	30	Pass
NVNT	ac80	5210	Ant1	11.89	0	11.89	24	Pass
NVNT	ac80	5290	Ant1	10.96	0	10.96	24	Pass
NVNT	ac80	5530	Ant1	13.39	0	13.39	24	Pass
NVNT	ac80	5610	Ant1	14.26	0	14.26	24	Pass
NVNT	ac80	5775	Ant1	9.87	0	9.87	30	Pass

ANT2

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	12.11	0.93	13.04	24	Pass
NVNT	a	5240	Ant1	12.16	0.92	13.08	24	Pass
NVNT	a	5260	Ant1	12.12	0.92	13.04	24	Pass
NVNT	a	5320	Ant1	12.11	0.92	13.03	24	Pass
NVNT	a	5500	Ant1	12.66	0.93	13.59	24	Pass
NVNT	a	5700	Ant1	13.39	0.92	14.31	24	Pass
NVNT	a	5745	Ant1	11.69	0.92	12.61	30	Pass
NVNT	a	5825	Ant1	11.45	0.92	12.37	30	Pass
NVNT	n20	5180	Ant1	12.08	0.92	13	24	Pass
NVNT	n20	5240	Ant1	12.12	0.92	13.04	24	Pass
NVNT	n20	5260	Ant1	12	0.92	12.92	24	Pass
NVNT	n20	5320	Ant1	11.98	0.92	12.9	24	Pass
NVNT	n20	5500	Ant1	12.68	0.93	13.61	24	Pass
NVNT	n20	5700	Ant1	13.32	0.93	14.25	24	Pass
NVNT	n20	5745	Ant1	11.58	0.92	12.5	30	Pass
NVNT	n20	5825	Ant1	11.3	0.92	12.22	30	Pass
NVNT	n40	5190	Ant1	12.94	0.95	13.89	24	Pass
NVNT	n40	5230	Ant1	12.82	0.94	13.76	24	Pass
NVNT	n40	5270	Ant1	13.26	0.94	14.2	24	Pass
NVNT	n40	5310	Ant1	12.16	0.95	13.11	24	Pass
NVNT	n40	5510	Ant1	11.17	0.94	12.11	24	Pass
NVNT	n40	5670	Ant1	14.87	0.95	15.82	24	Pass
NVNT	n40	5755	Ant1	11.67	0.94	12.61	30	Pass
NVNT	n40	5795	Ant1	11.08	0.95	12.03	30	Pass
NVNT	ac20	5180	Ant1	12.16	0.93	13.09	24	Pass
NVNT	ac20	5240	Ant1	12.08	0.93	13.01	24	Pass
NVNT	ac20	5260	Ant1	12.07	0.92	12.99	24	Pass
NVNT	ac20	5320	Ant1	11.96	0.92	12.88	24	Pass
NVNT	ac20	5500	Ant1	12.71	0.92	13.63	24	Pass
NVNT	ac20	5700	Ant1	13.32	0.92	14.24	24	Pass
NVNT	ac20	5745	Ant1	11.67	0.93	12.6	30	Pass
NVNT	ac20	5825	Ant1	11.33	0.92	12.25	30	Pass
NVNT	ac40	5190	Ant1	12.9	0.94	13.84	24	Pass
NVNT	ac40	5230	Ant1	12.76	0.94	13.7	24	Pass
NVNT	ac40	5270	Ant1	13.22	0.94	14.16	24	Pass
NVNT	ac40	5310	Ant1	12.1	0.94	13.04	24	Pass
NVNT	ac40	5510	Ant1	11.15	0.94	12.09	24	Pass
NVNT	ac40	5670	Ant1	14.88	0.94	15.82	24	Pass
NVNT	ac40	5755	Ant1	11.65	0.94	12.59	30	Pass
NVNT	ac40	5795	Ant1	11.12	0.94	12.06	30	Pass
NVNT	ac80	5210	Ant1	12.88	0.94	13.82	24	Pass
NVNT	ac80	5290	Ant1	11.54	0.94	12.48	24	Pass
NVNT	ac80	5530	Ant1	13.11	0.94	14.05	24	Pass
NVNT	ac80	5610	Ant1	14.81	0.94	15.75	24	Pass
NVNT	ac80	5775	Ant1	10.78	0.94	11.72	30	Pass

MiMO Mode

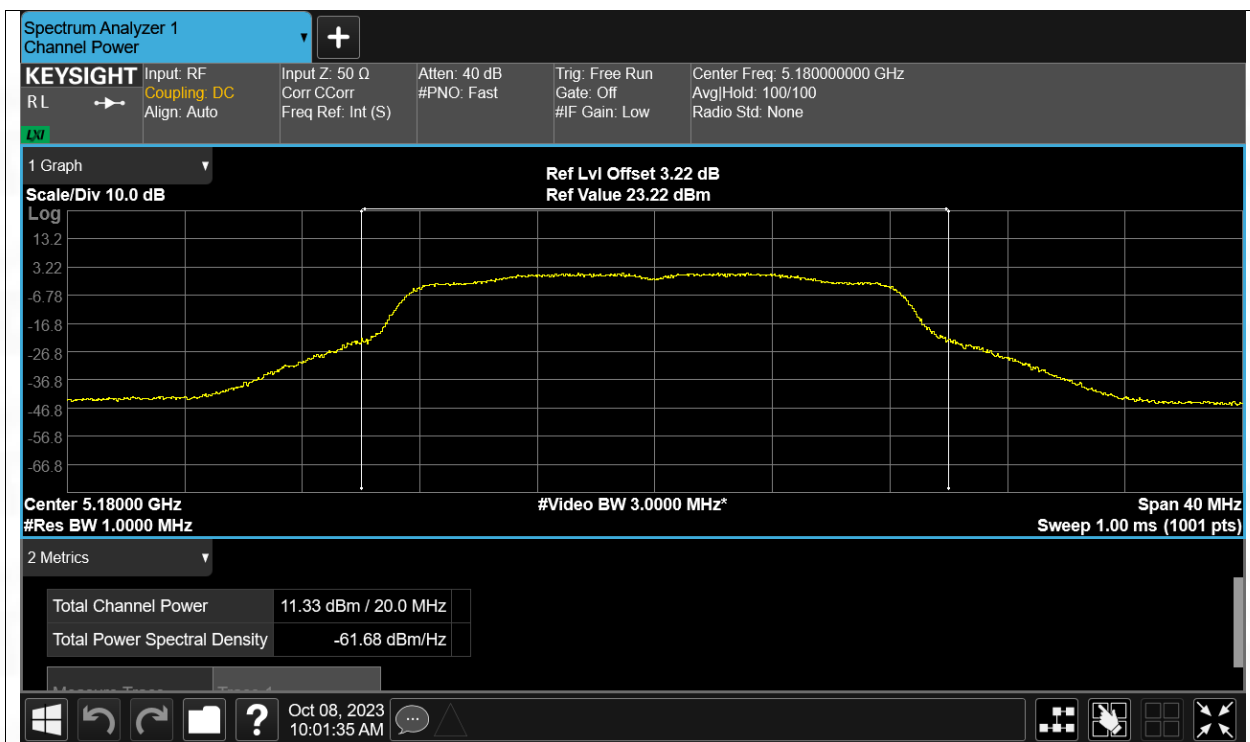
Mode	Frequency (MHz)	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
a	5180	14.75	0	15.28	24	Pass
a	5240	14.67	0	15.21	24	Pass
a	5260	14.67	0	15.21	24	Pass
a	5320	14.69	0	15.22	24	Pass
a	5500	15.26	0	15.80	24	Pass
a	5700	16.10	0	16.62	24	Pass
a	5745	14.08	0	14.63	30	Pass

a	5825	13.82	0	14.37	30	Pass
n20	5180	14.61	0	15.15	24	Pass
n20	5240	14.52	0	15.07	24	Pass
n20	5260	14.56	0	15.09	24	Pass
n20	5320	14.64	0	15.16	24	Pass
n20	5500	15.14	0	15.70	24	Pass
n20	5700	15.96	0	16.49	24	Pass
n20	5745	14.04	0	14.59	30	Pass
n20	5825	13.72	0	14.27	30	Pass
n40	5190	15.42	0	15.98	24	Pass
n40	5230	14.60	0	15.25	24	Pass
n40	5270	15.86	0	16.40	24	Pass
n40	5310	14.72	0	15.27	24	Pass
n40	5510	13.83	0	14.37	24	Pass
n40	5670	17.54	0	18.08	24	Pass
n40	5755	14.12	0	14.68	30	Pass
n40	5795	13.59	0	14.15	30	Pass
ac20	5180	14.70	0	15.25	24	Pass
ac20	5240	14.53	0	15.08	24	Pass
ac20	5260	14.60	0	15.14	24	Pass
ac20	5320	14.58	0	15.11	24	Pass
ac20	5500	15.18	0	15.72	24	Pass
ac20	5700	16.00	0	16.52	24	Pass
ac20	5745	14.02	0	14.59	30	Pass
ac20	5825	13.70	0	14.25	30	Pass
ac40	5190	15.48	0	16.02	24	Pass
ac40	5230	15.23	0	15.79	24	Pass
ac40	5270	15.81	0	16.35	24	Pass
ac40	5310	14.69	0	15.23	24	Pass
ac40	5510	13.82	0	14.35	24	Pass
ac40	5670	17.50	0	18.03	24	Pass
ac40	5755	14.08	0	14.65	30	Pass
ac40	5795	13.55	0	14.11	30	Pass
ac80	5210	15.42	0	15.97	24	Pass
ac80	5290	14.27	0	14.80	24	Pass
ac80	5530	16.26	0	16.74	24	Pass
ac80	5610	17.55	0	18.08	24	Pass
ac80	5775	13.36	0	13.90	30	Pass

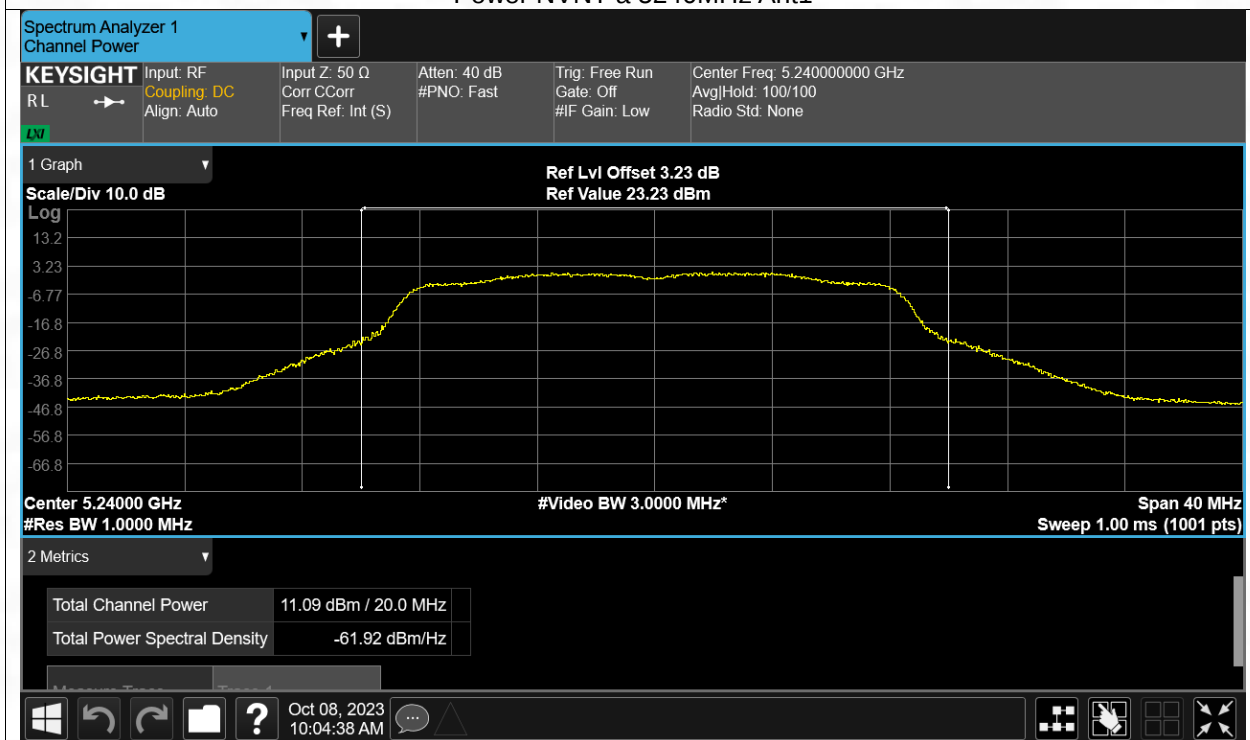
2.1.2 Test Graph

ANT1

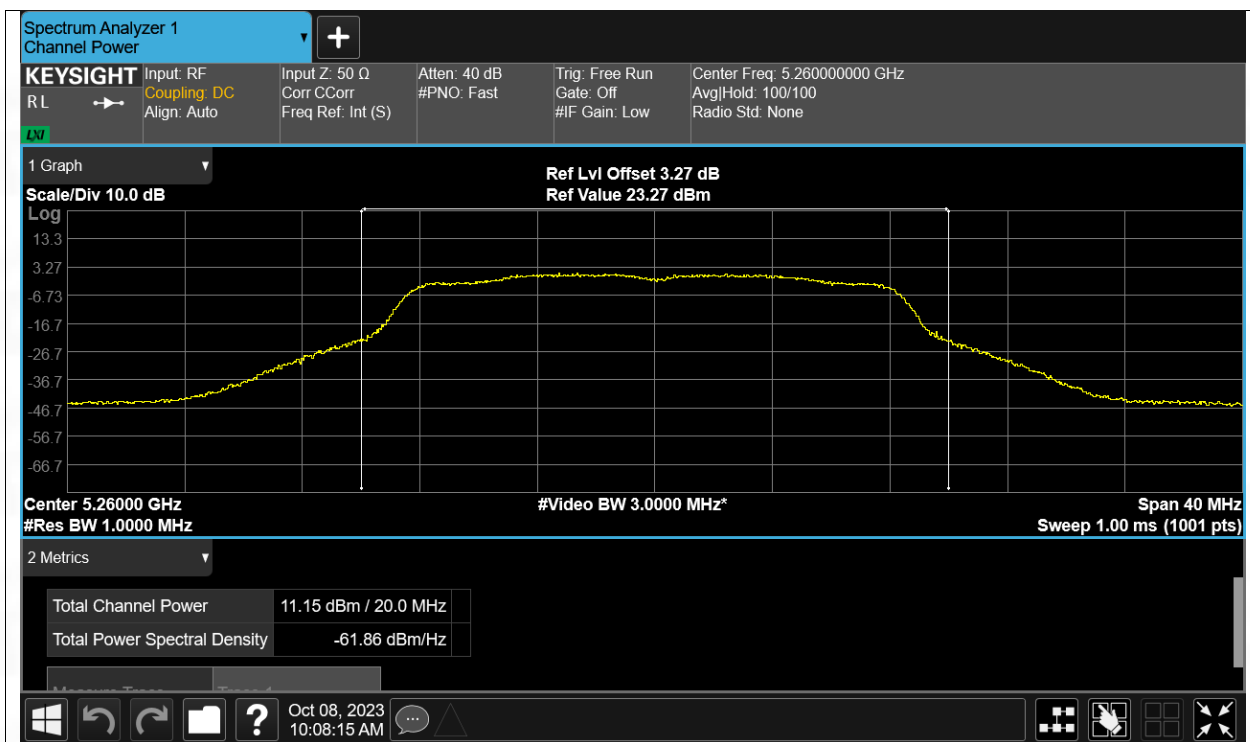
Test Graphs
Power NVNT a 5180MHz Ant1



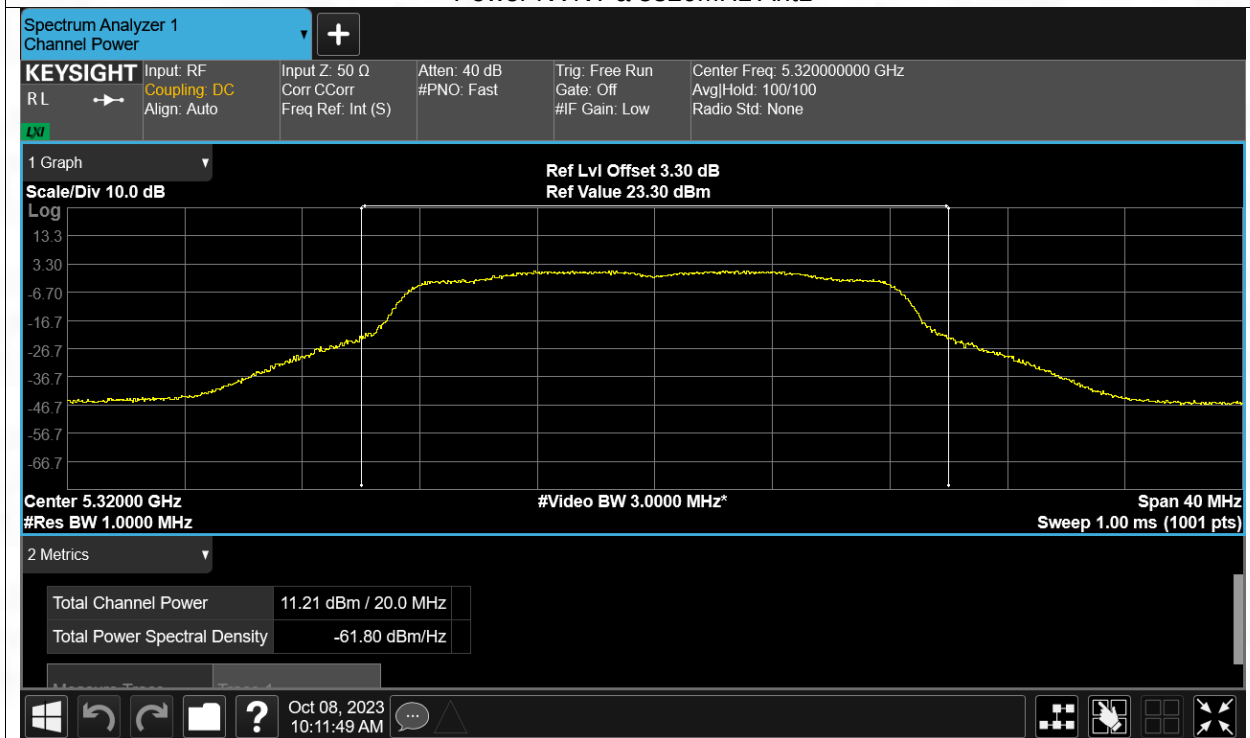
Power NVNT a 5240MHz Ant1

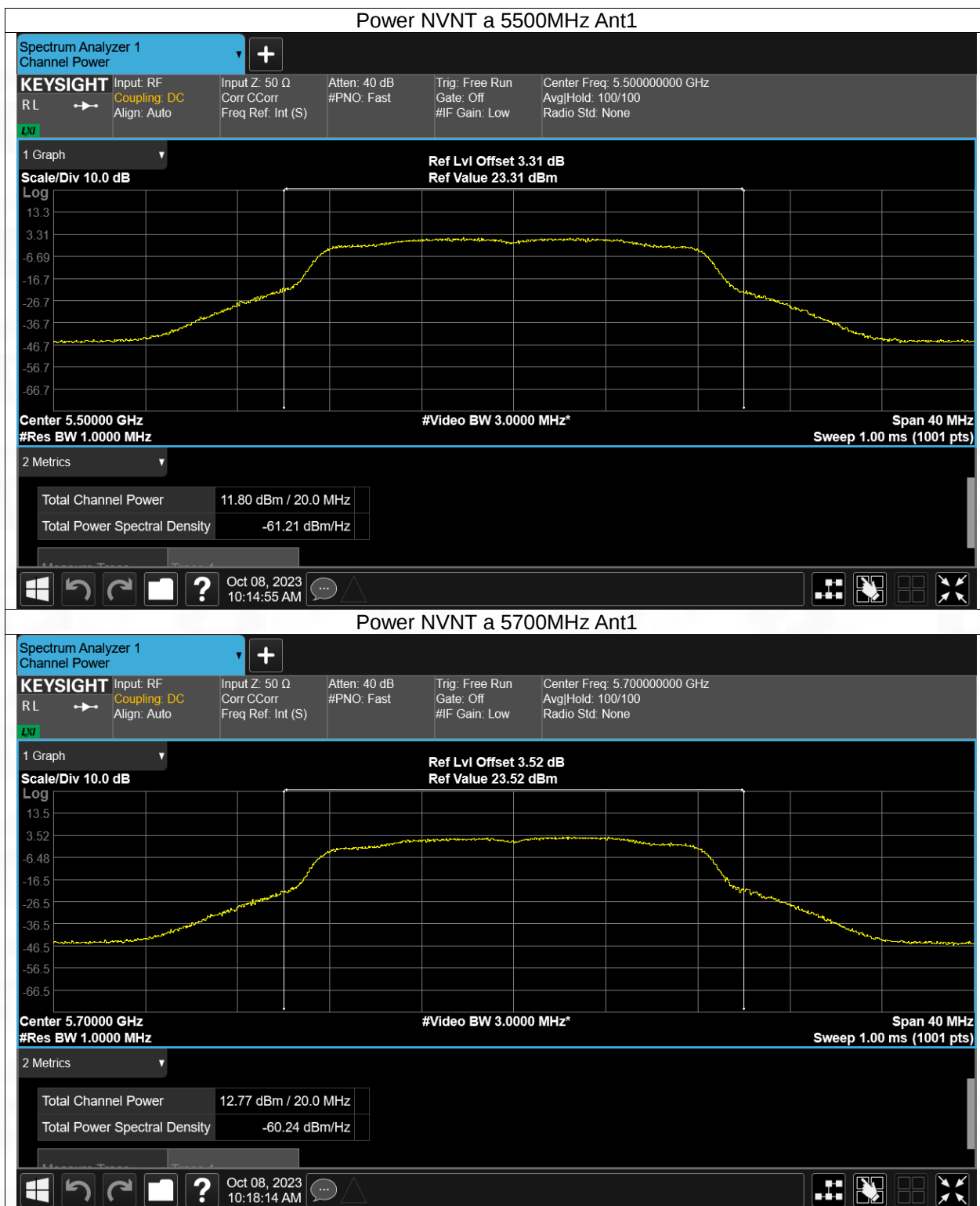


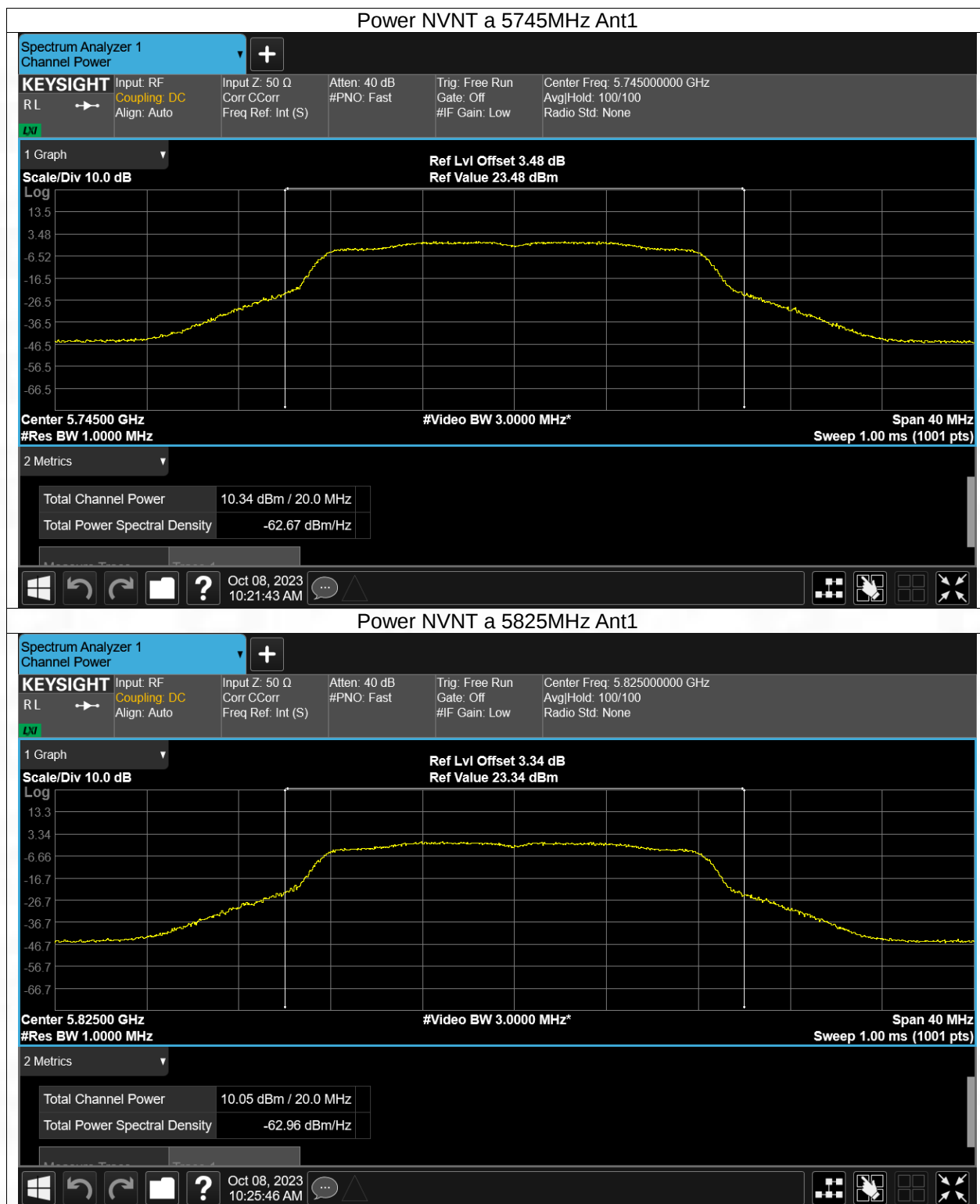
Power NVNT a 5260MHz Ant1

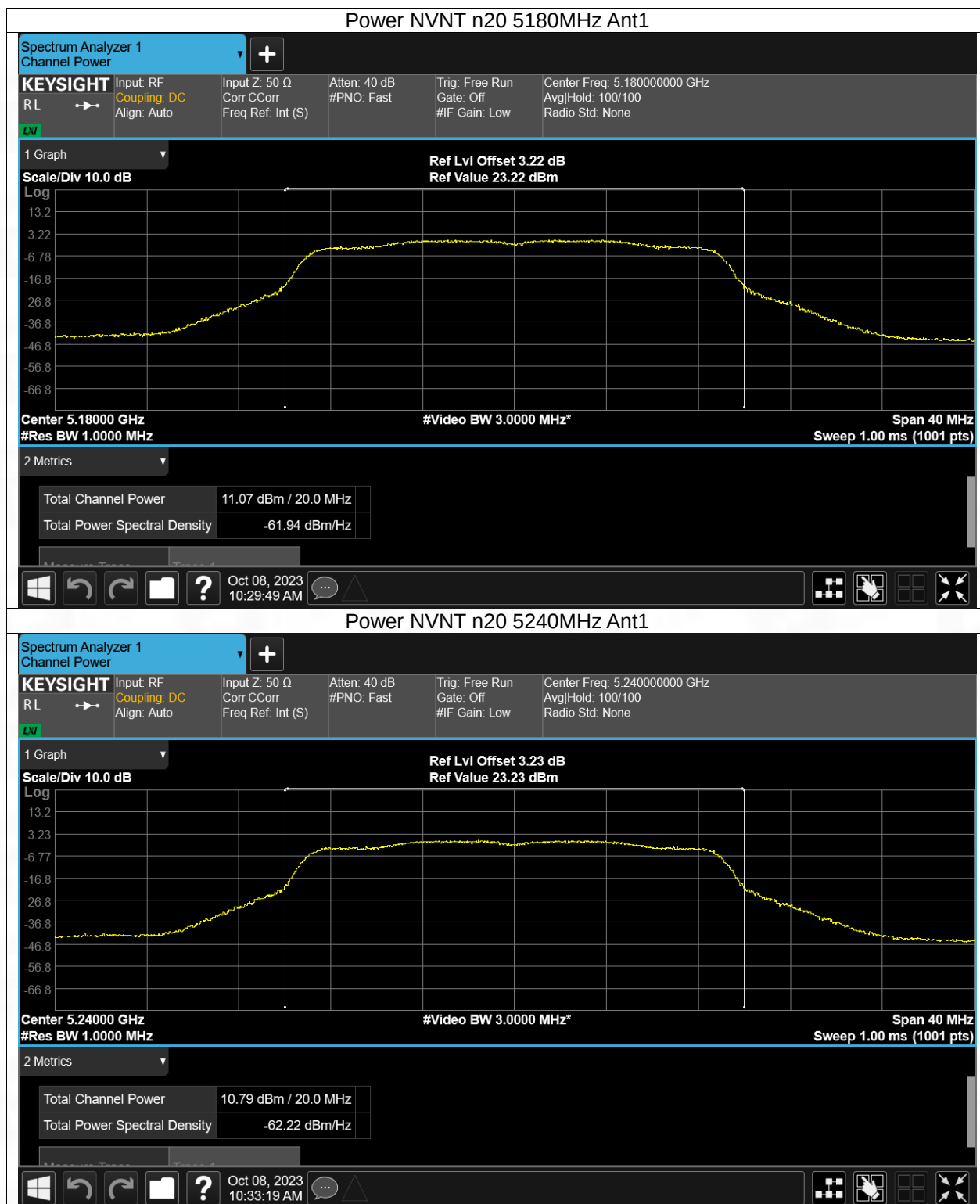


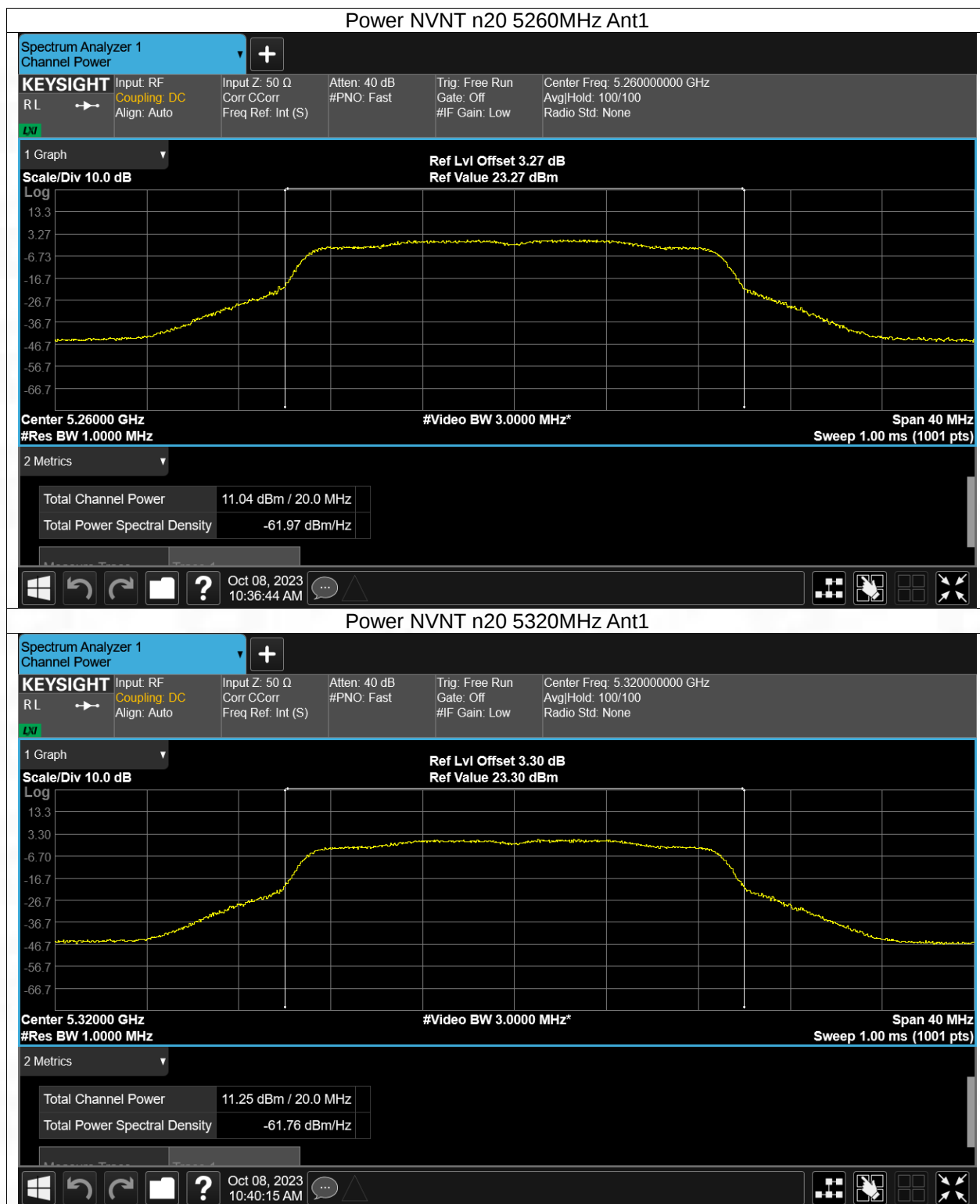
Power NVNT a 5320MHz Ant1

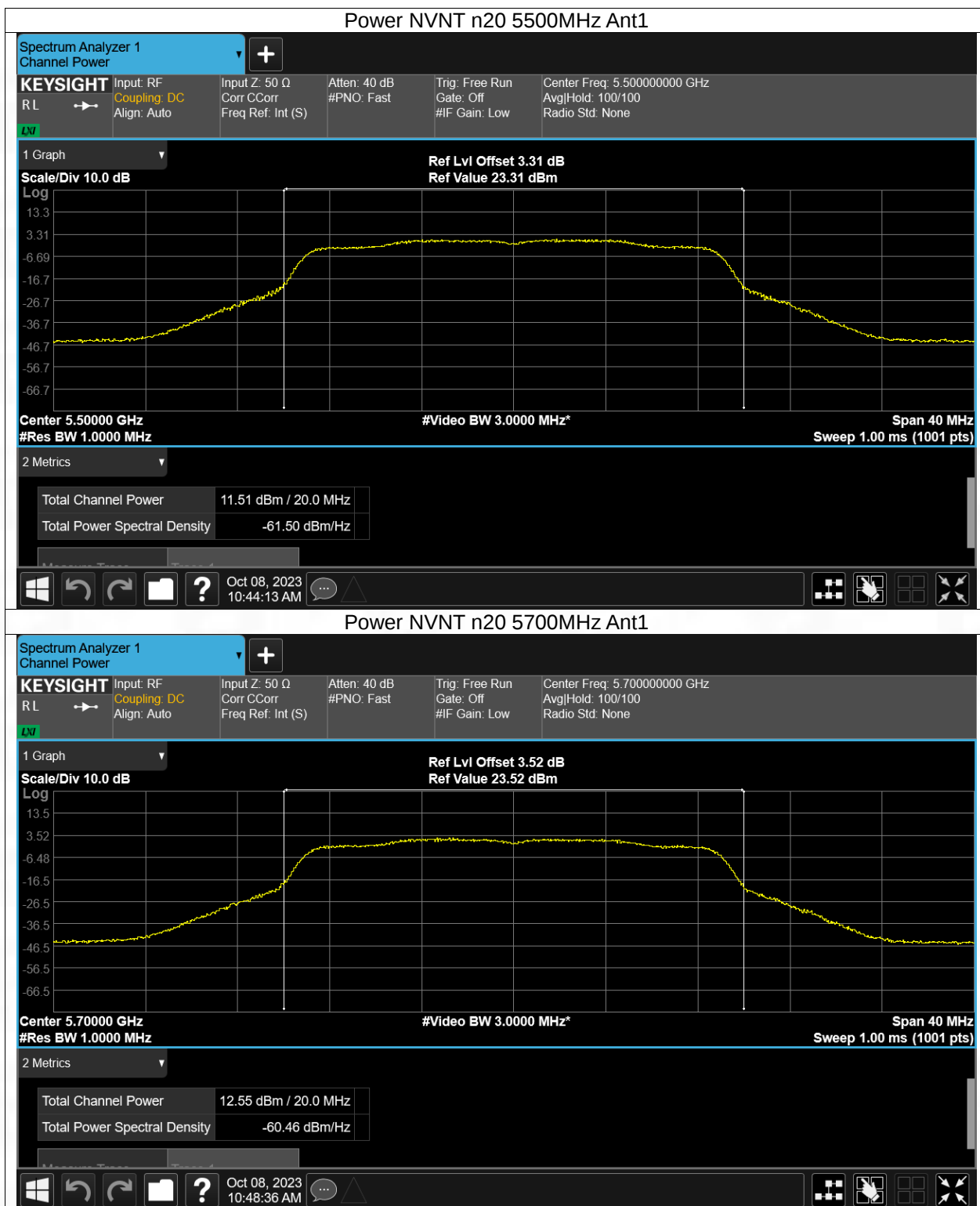


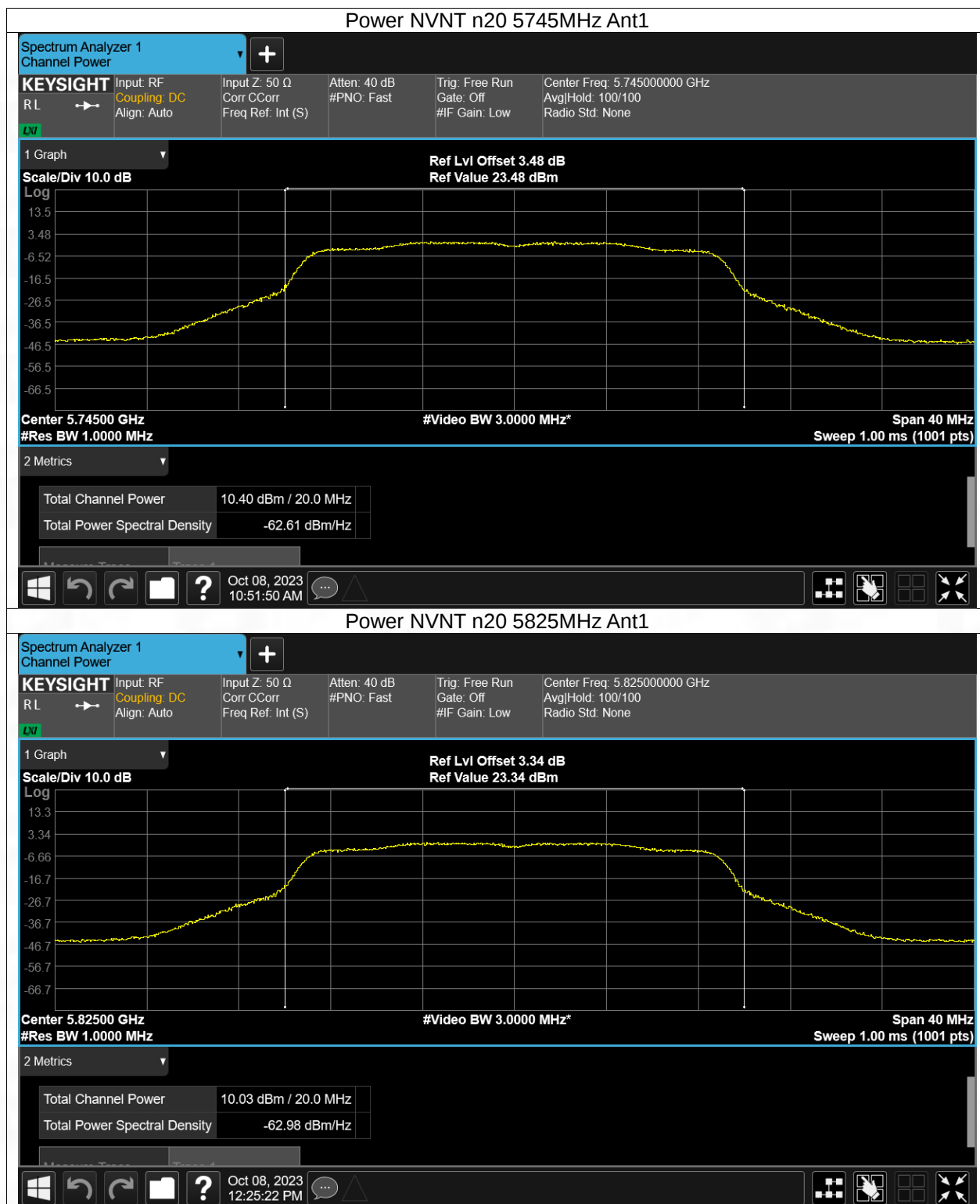










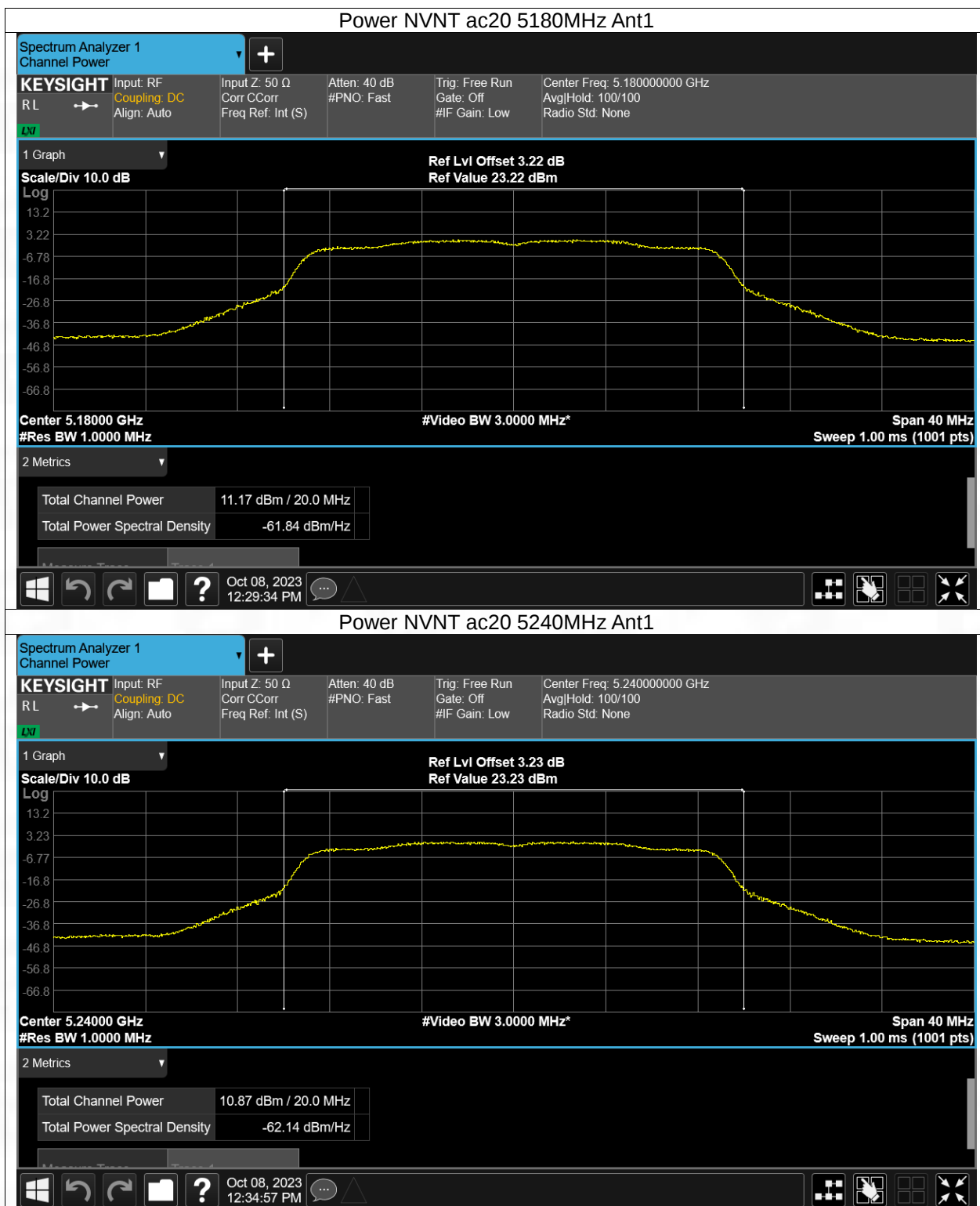


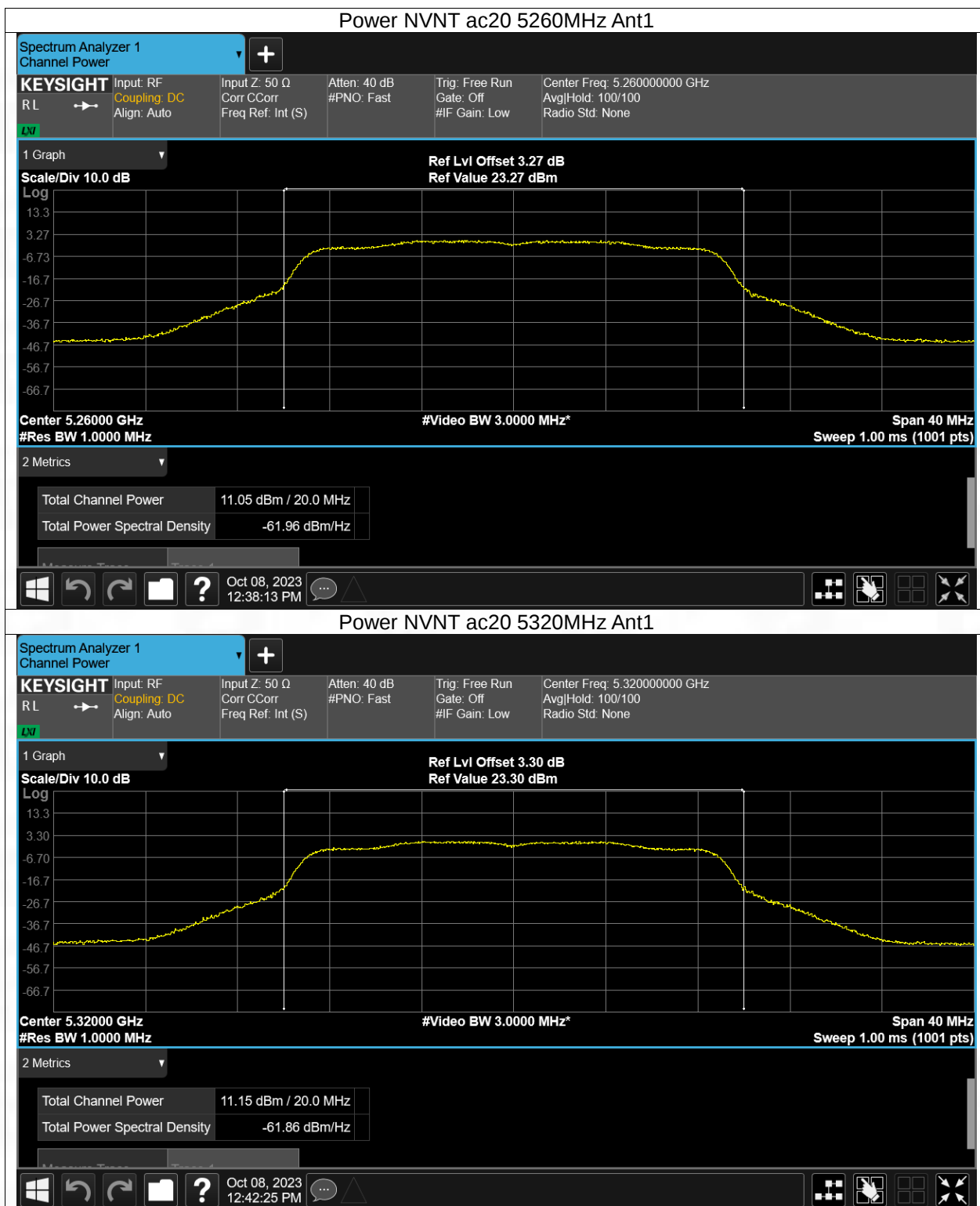


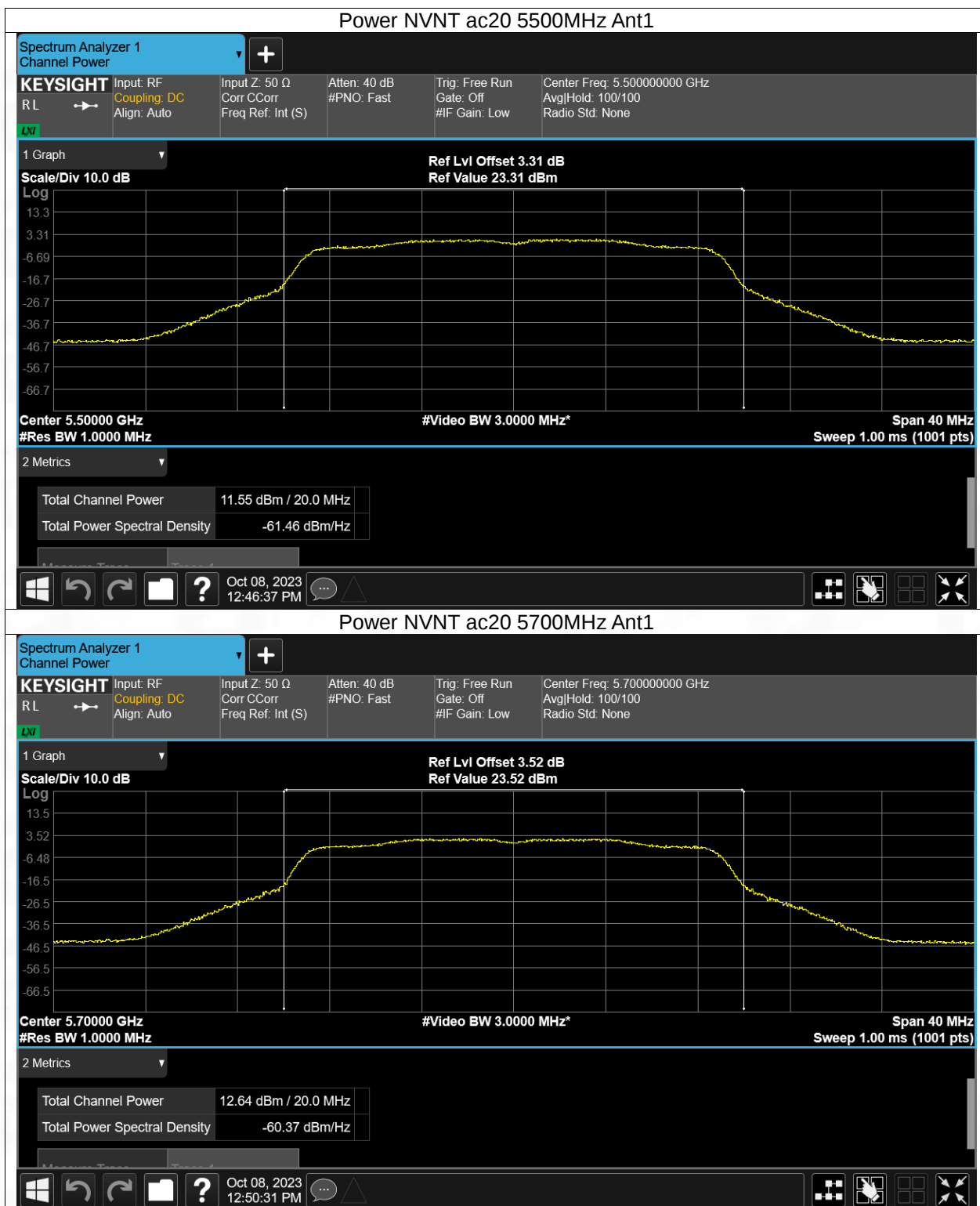


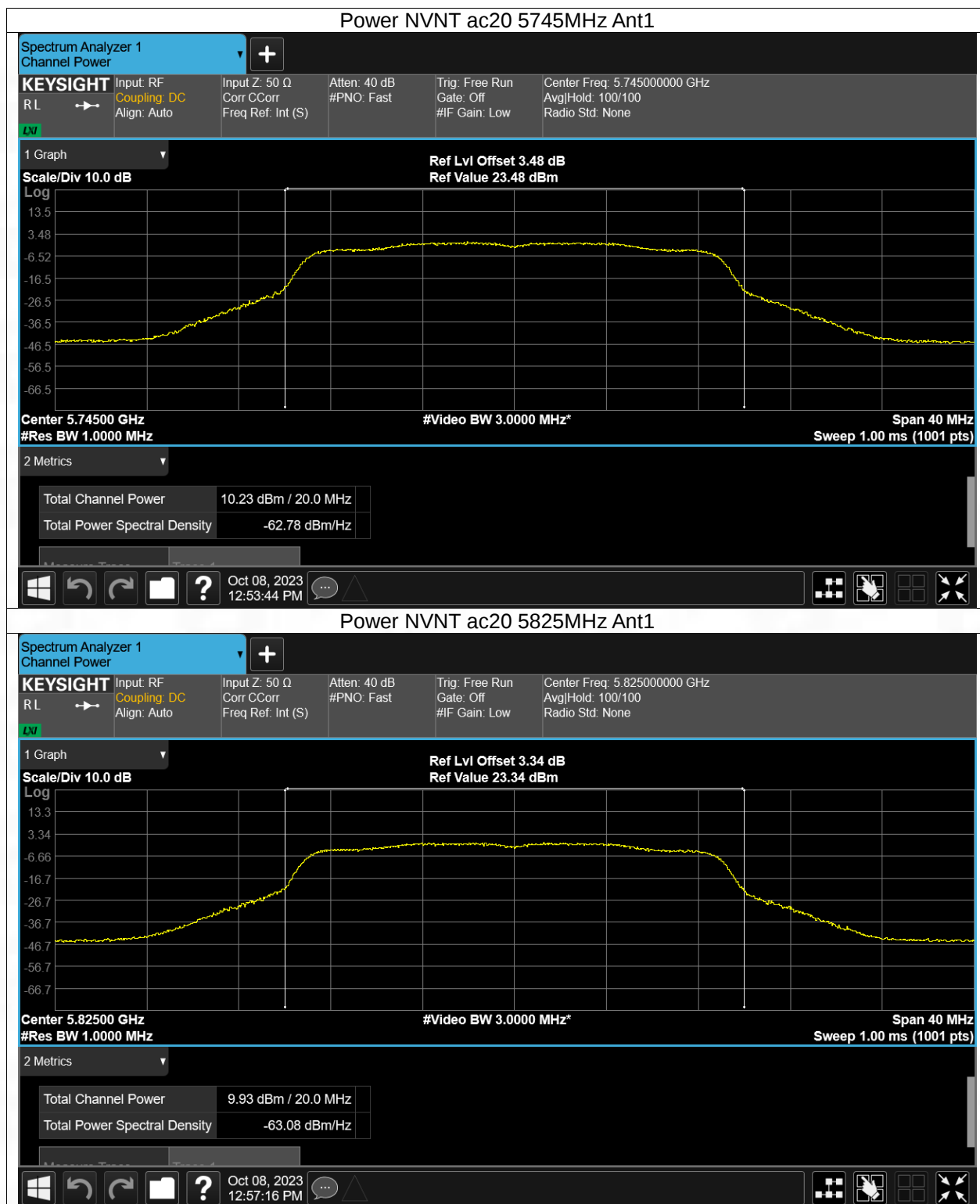














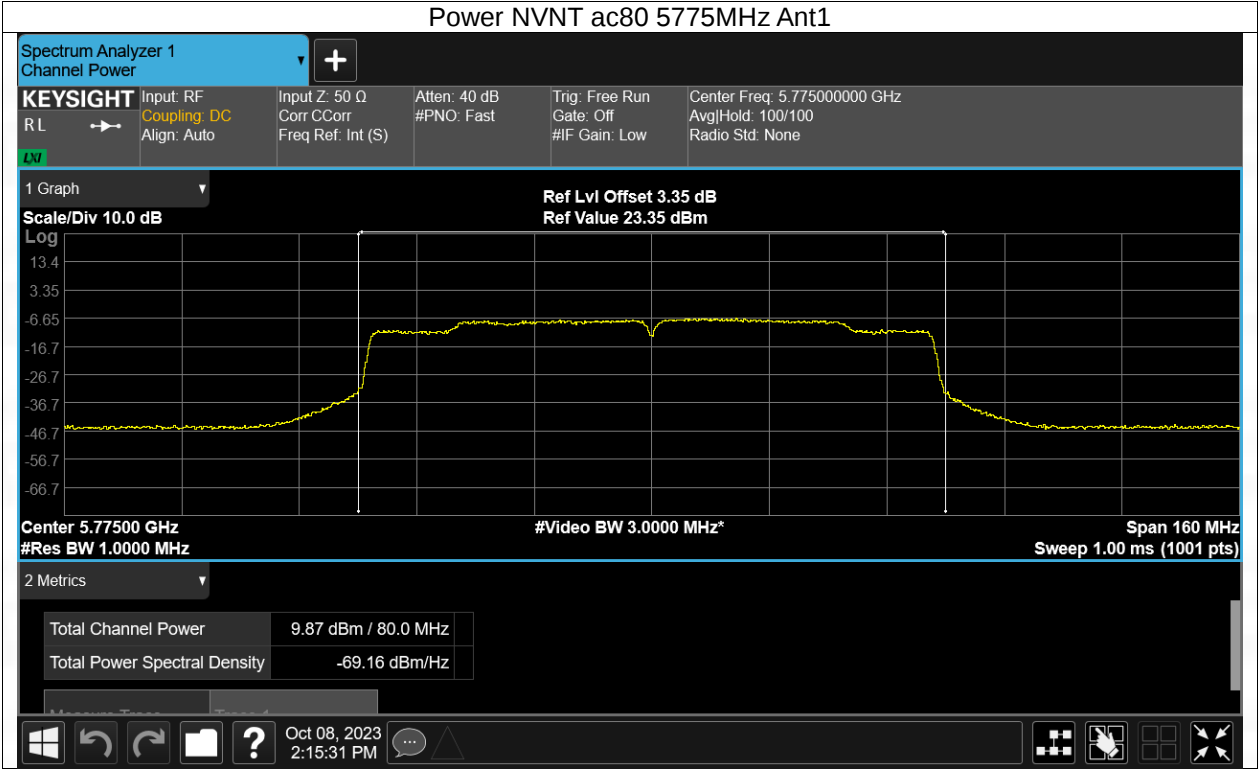






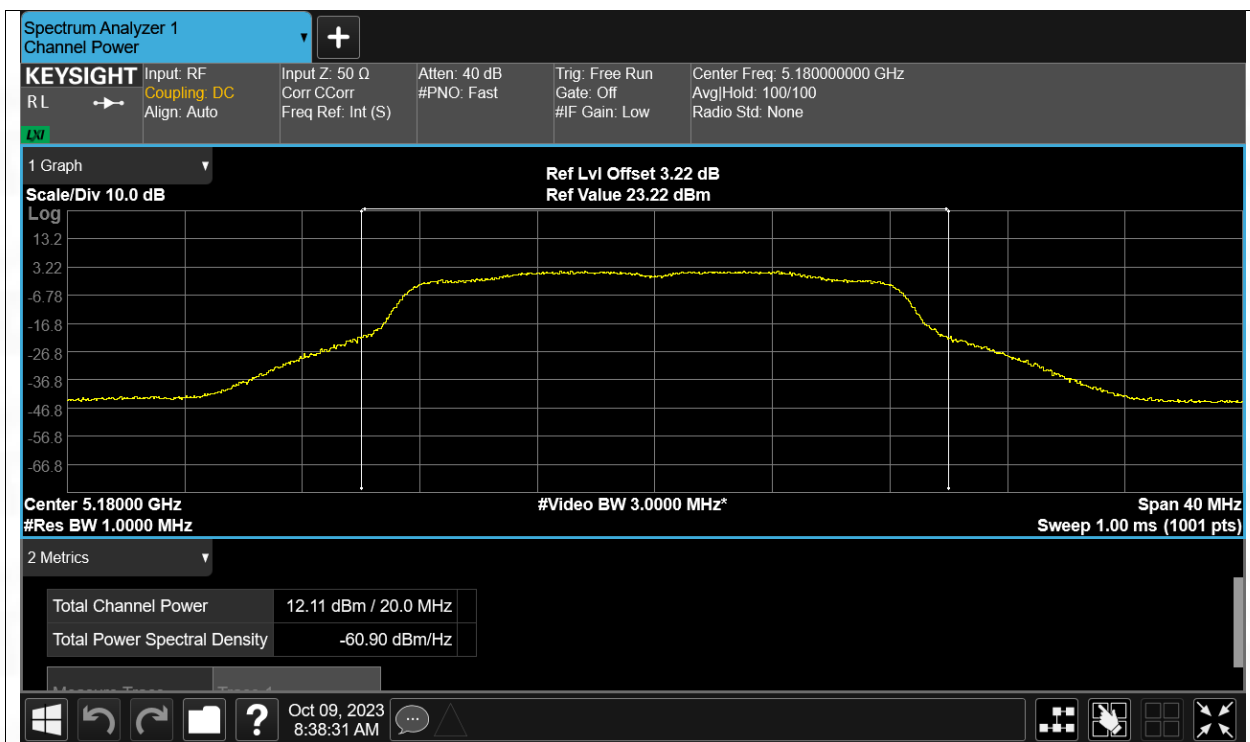




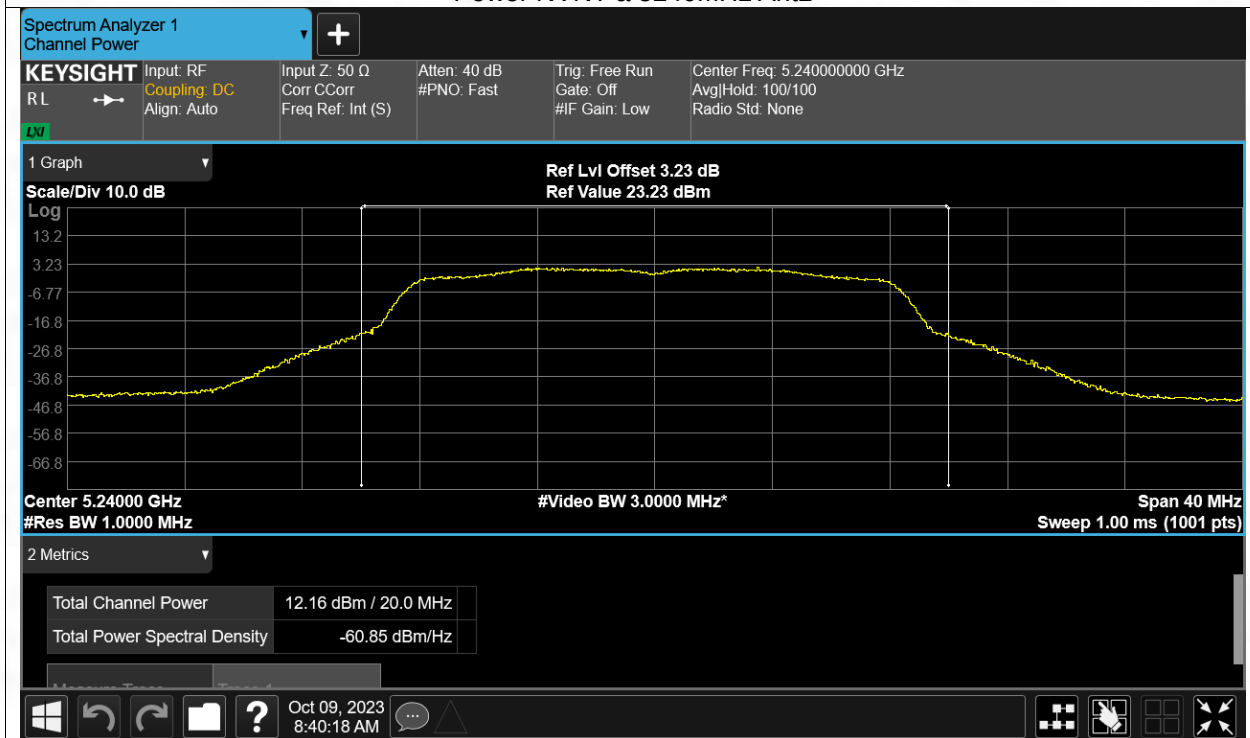


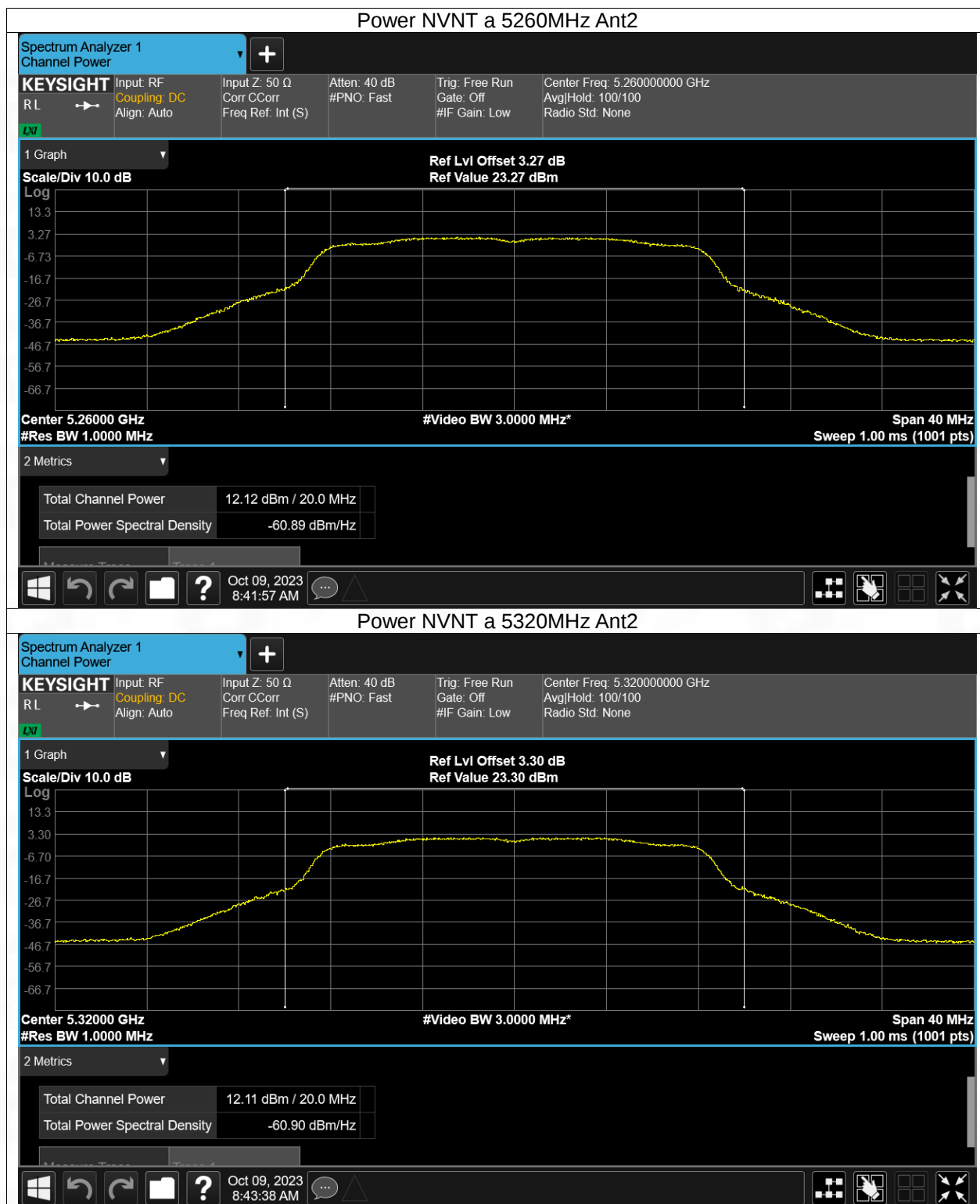
ANT2

Test Graphs
Power NVNT a 5180MHz Ant2

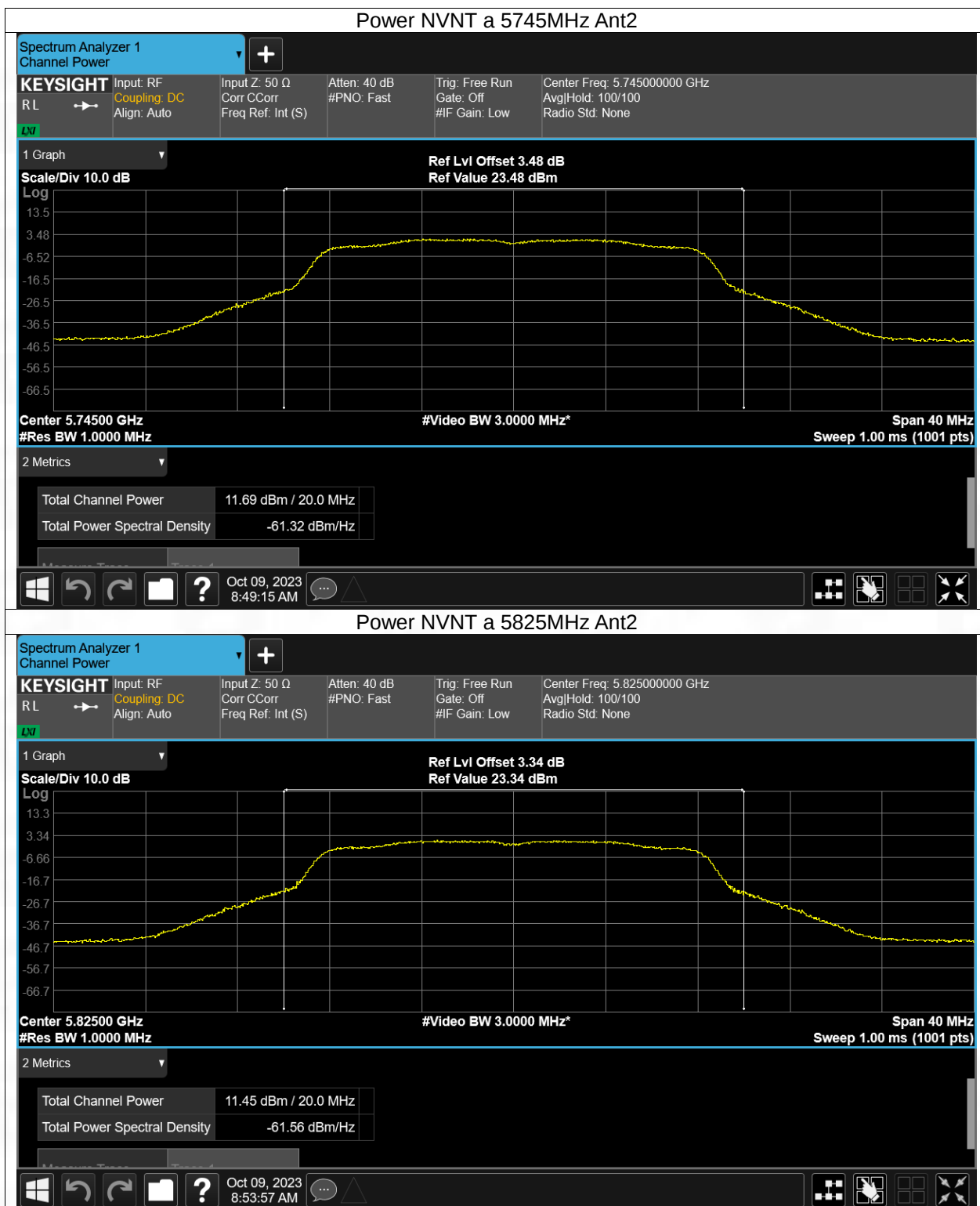


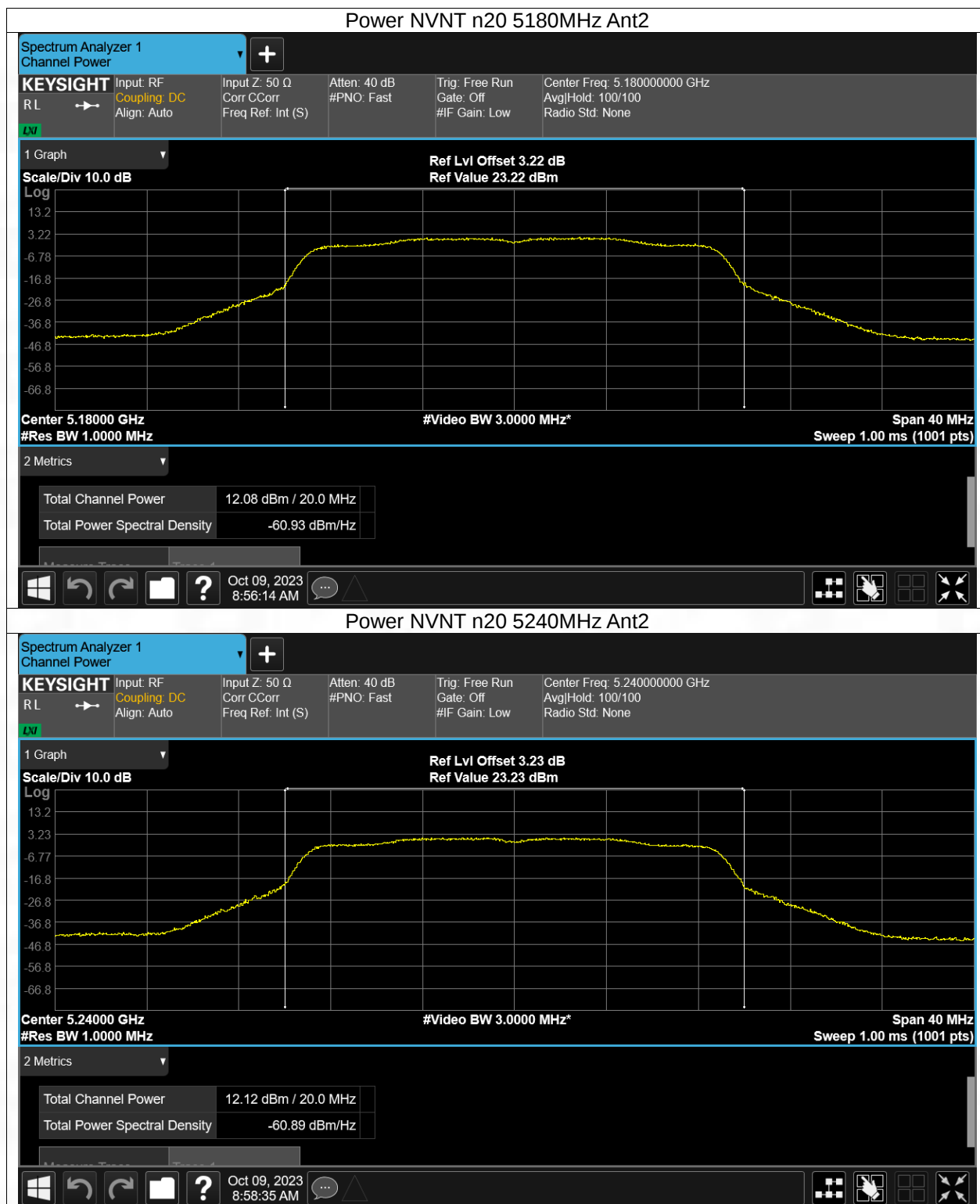
Power NVNT a 5240MHz Ant2

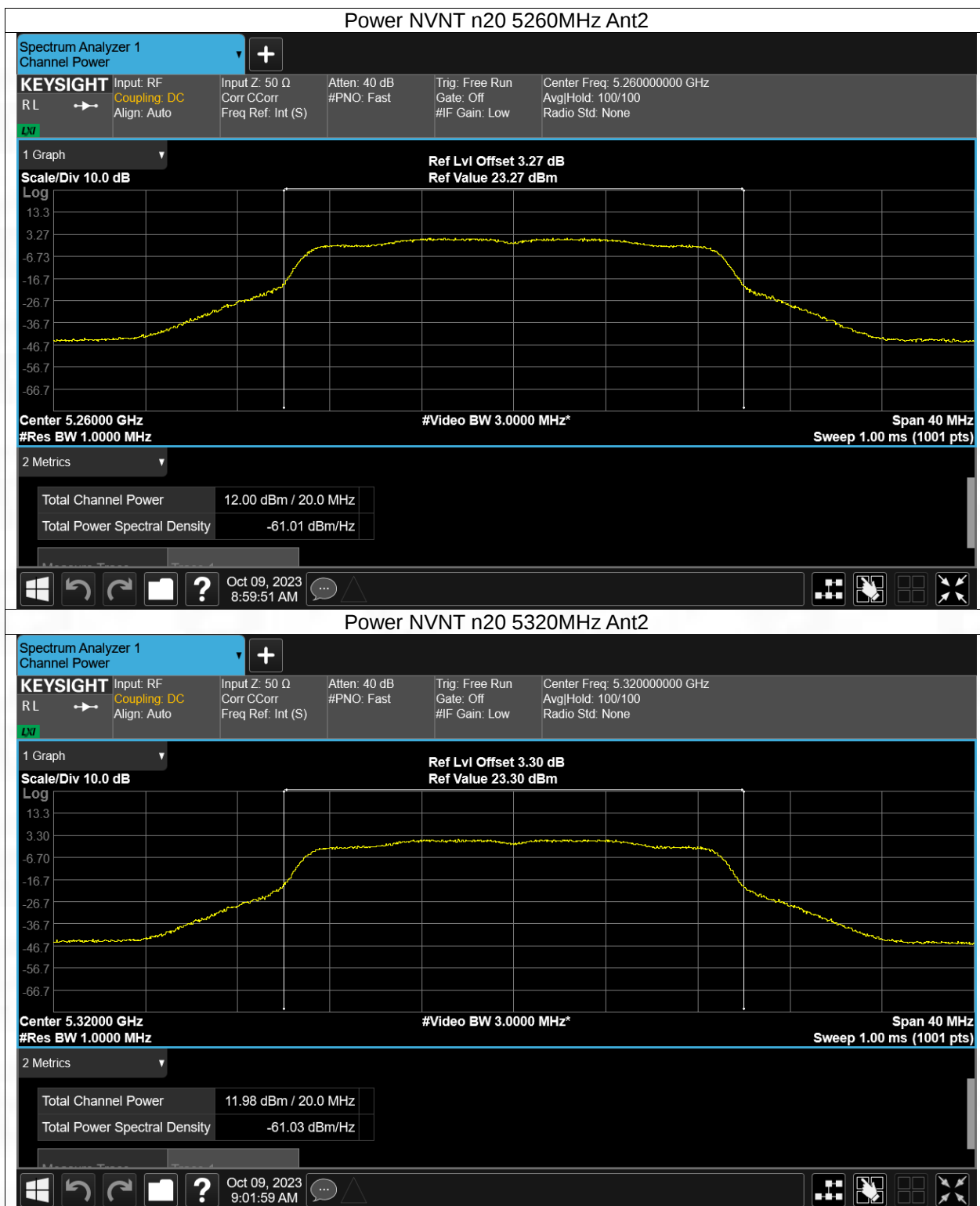


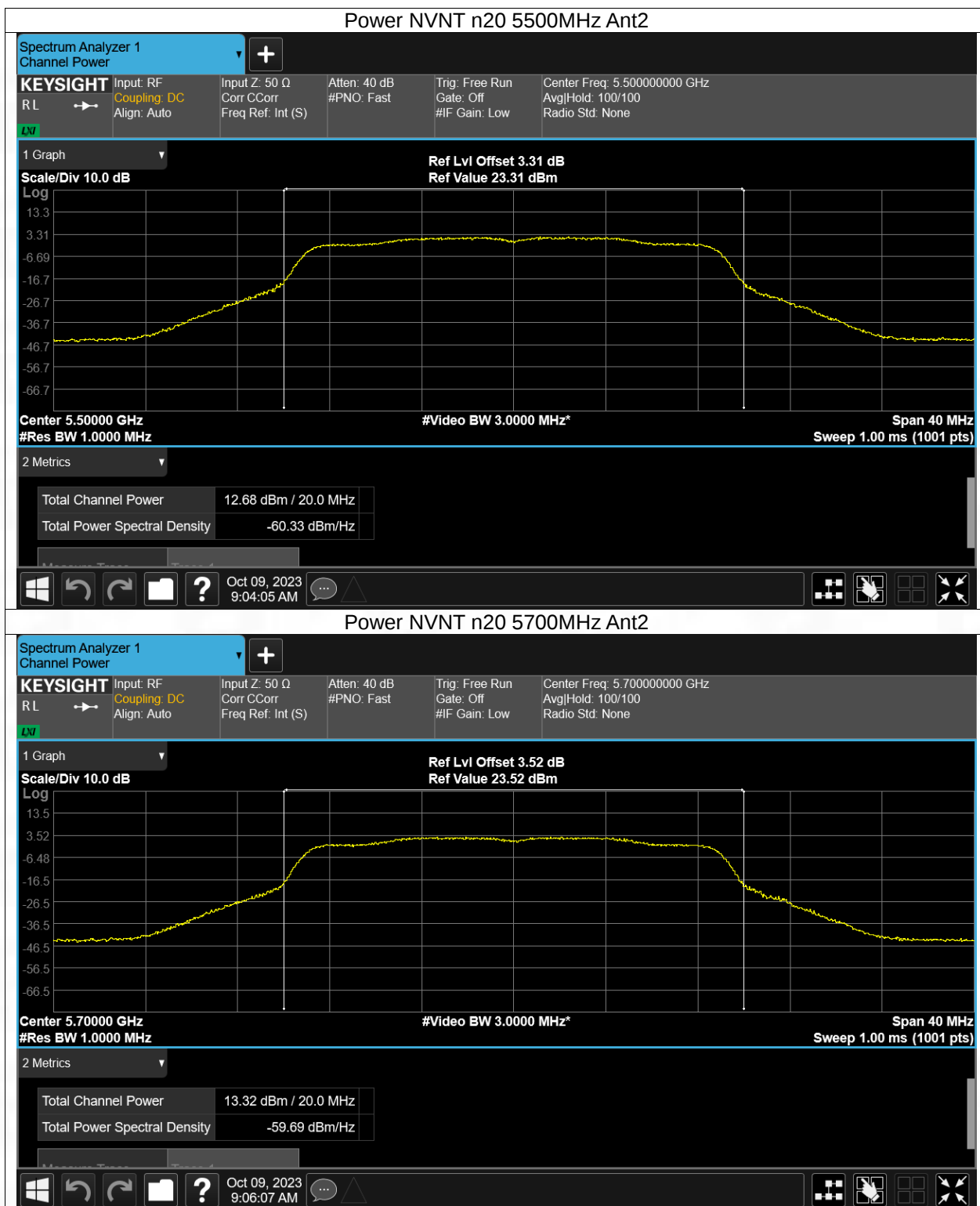


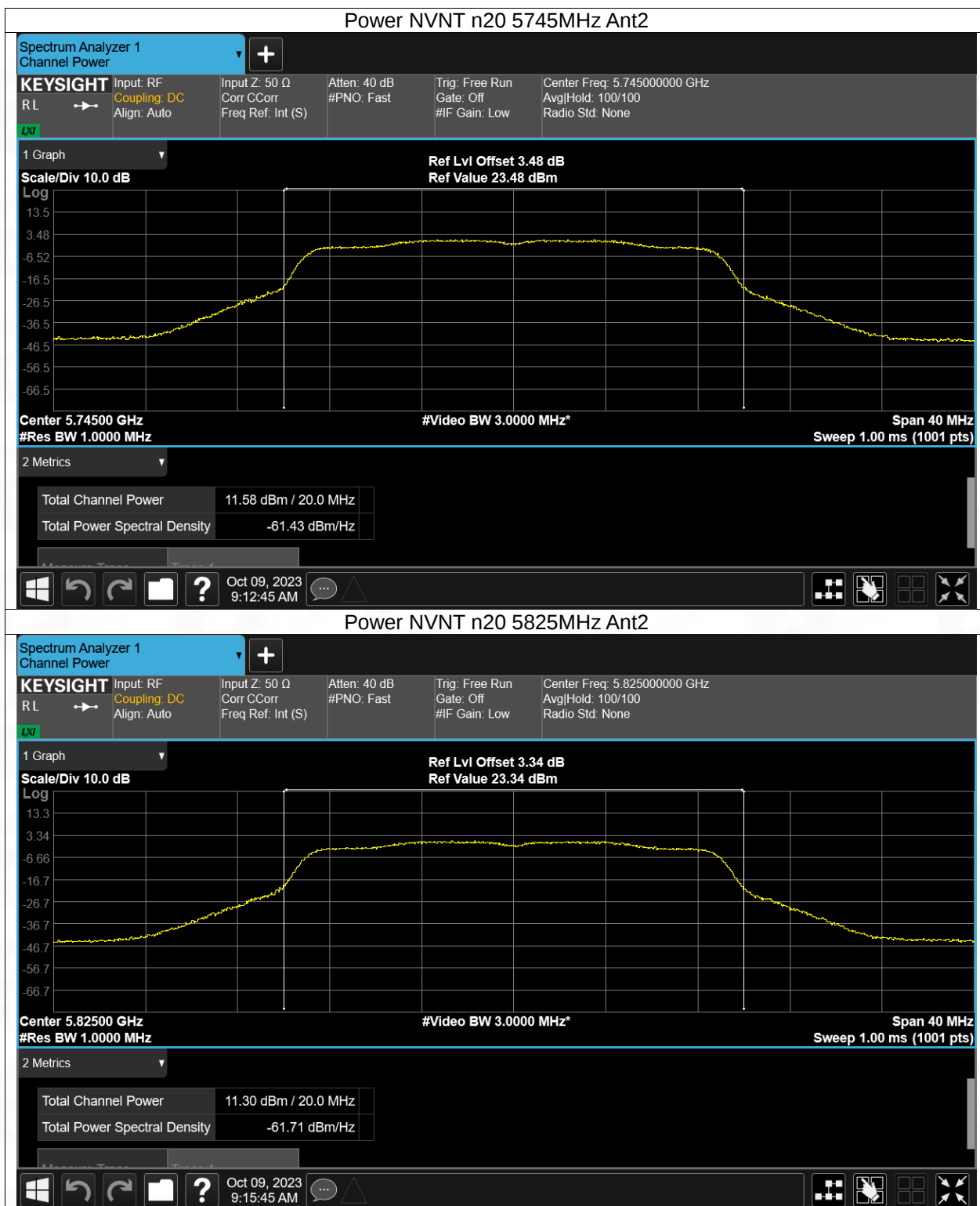










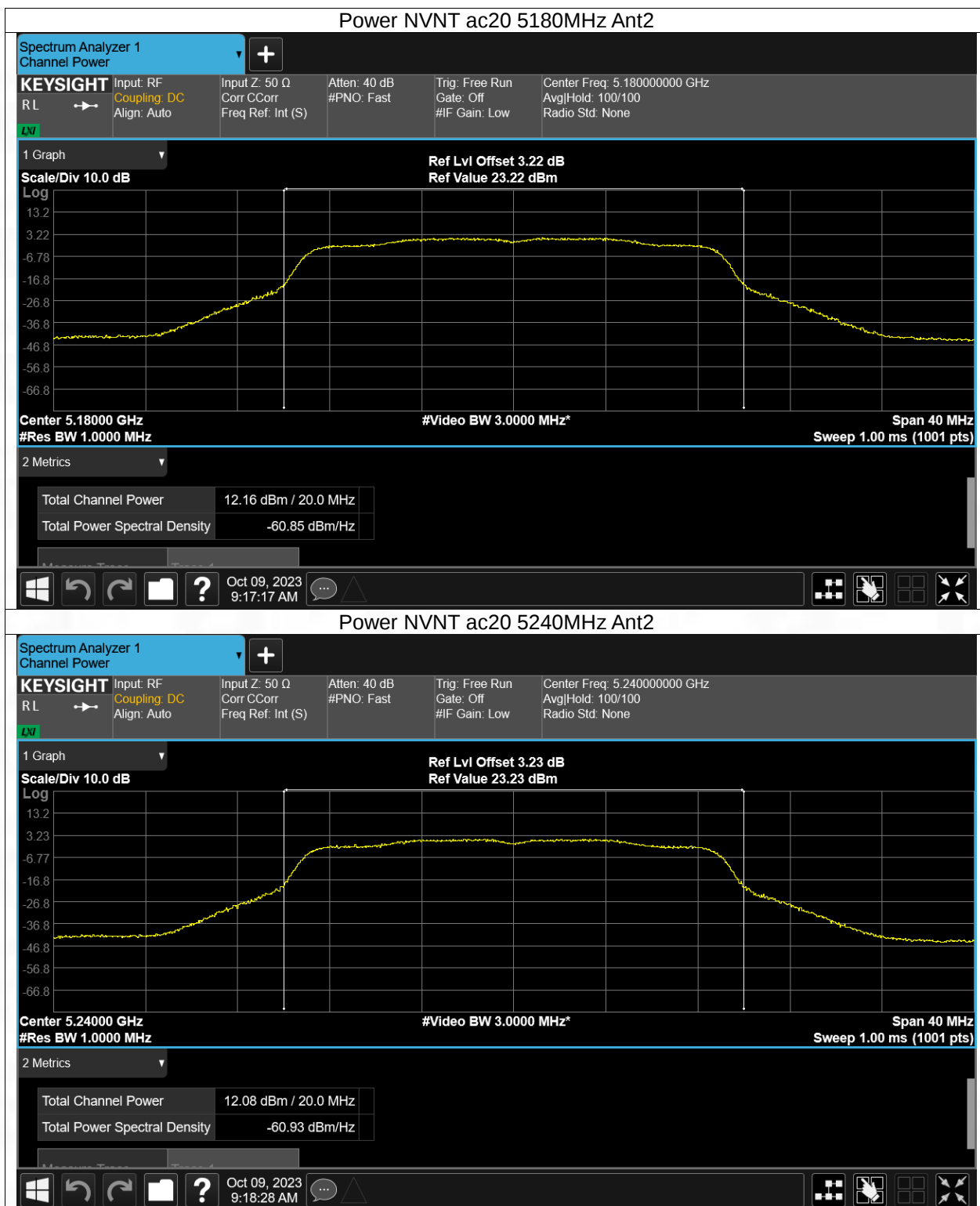


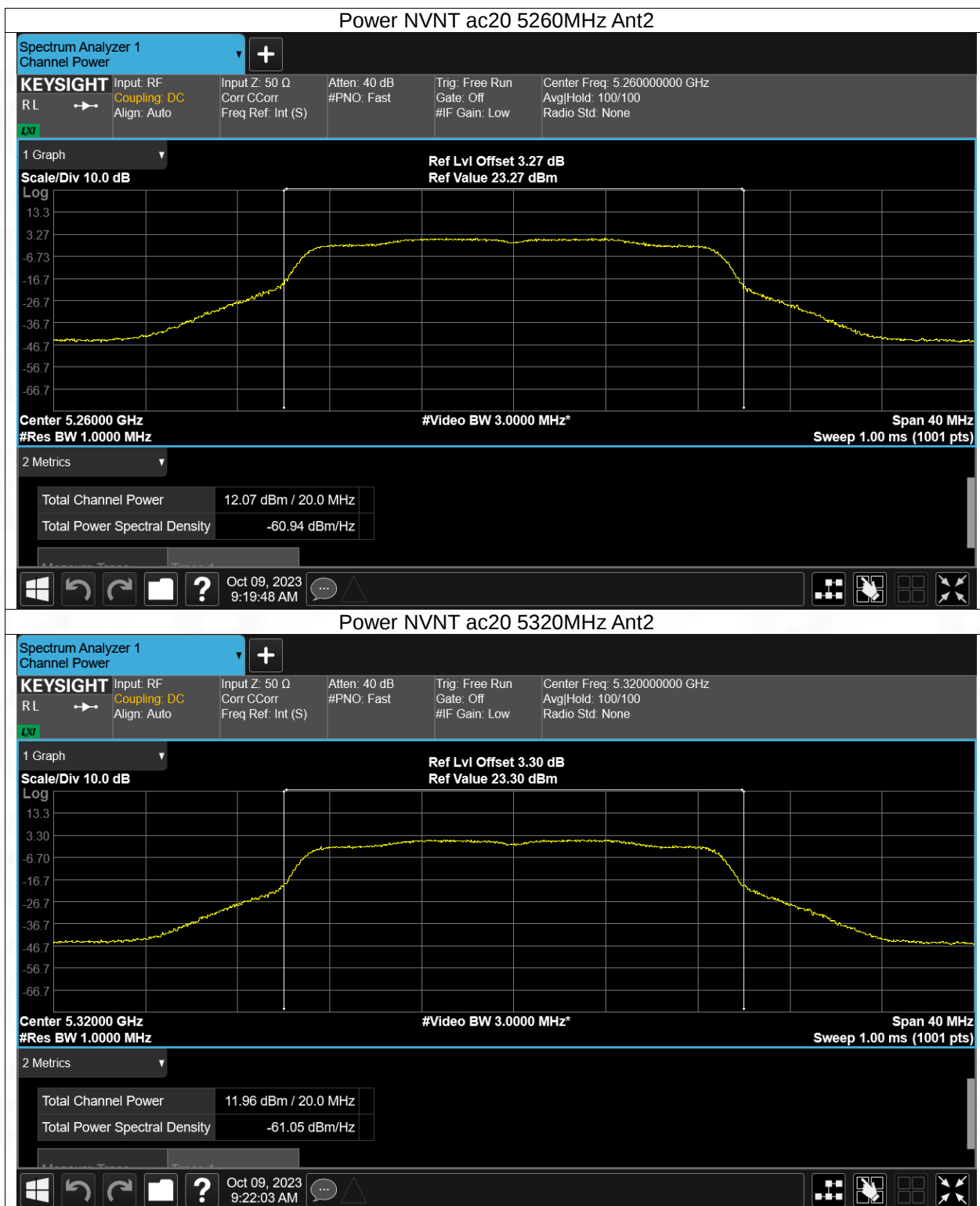


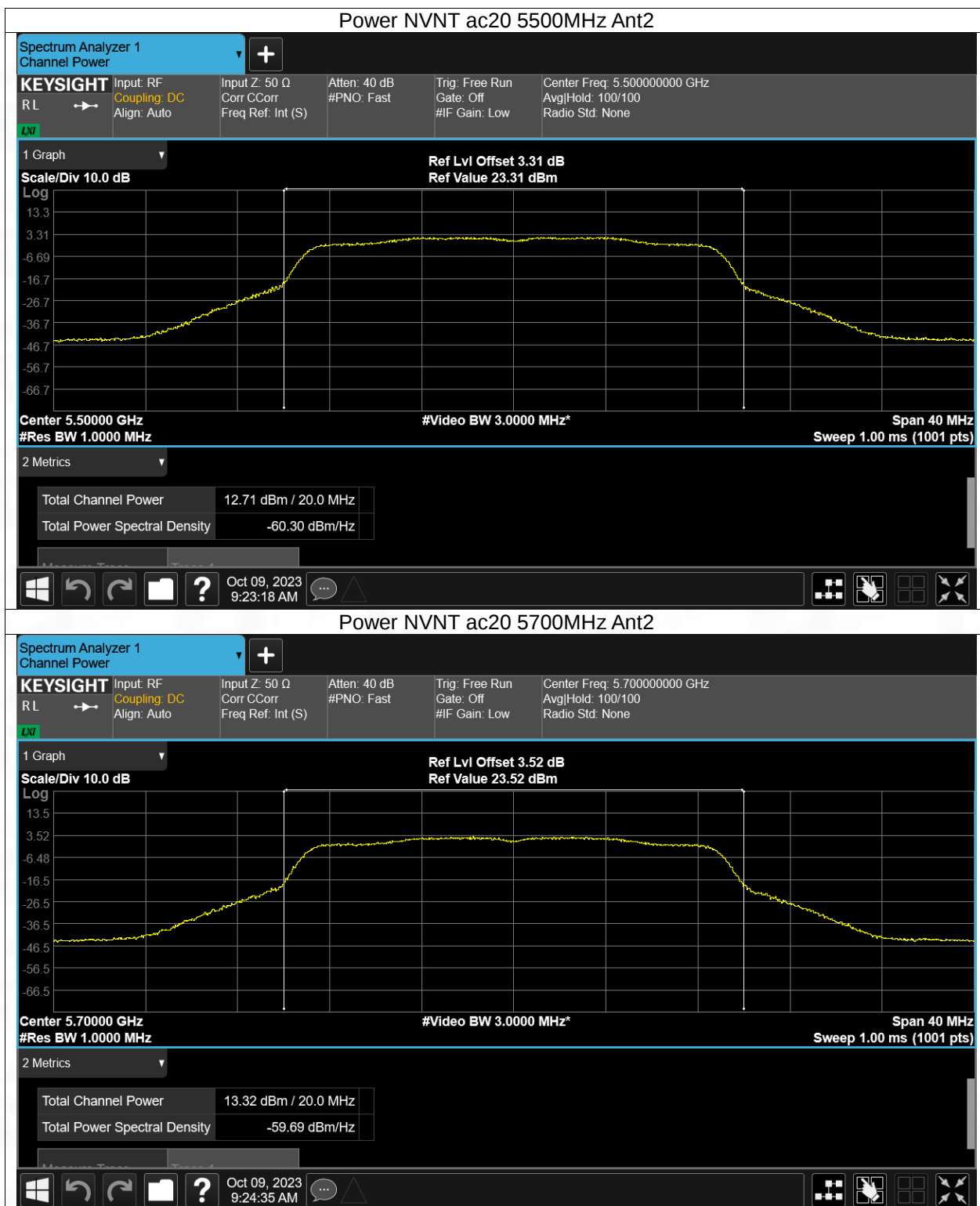


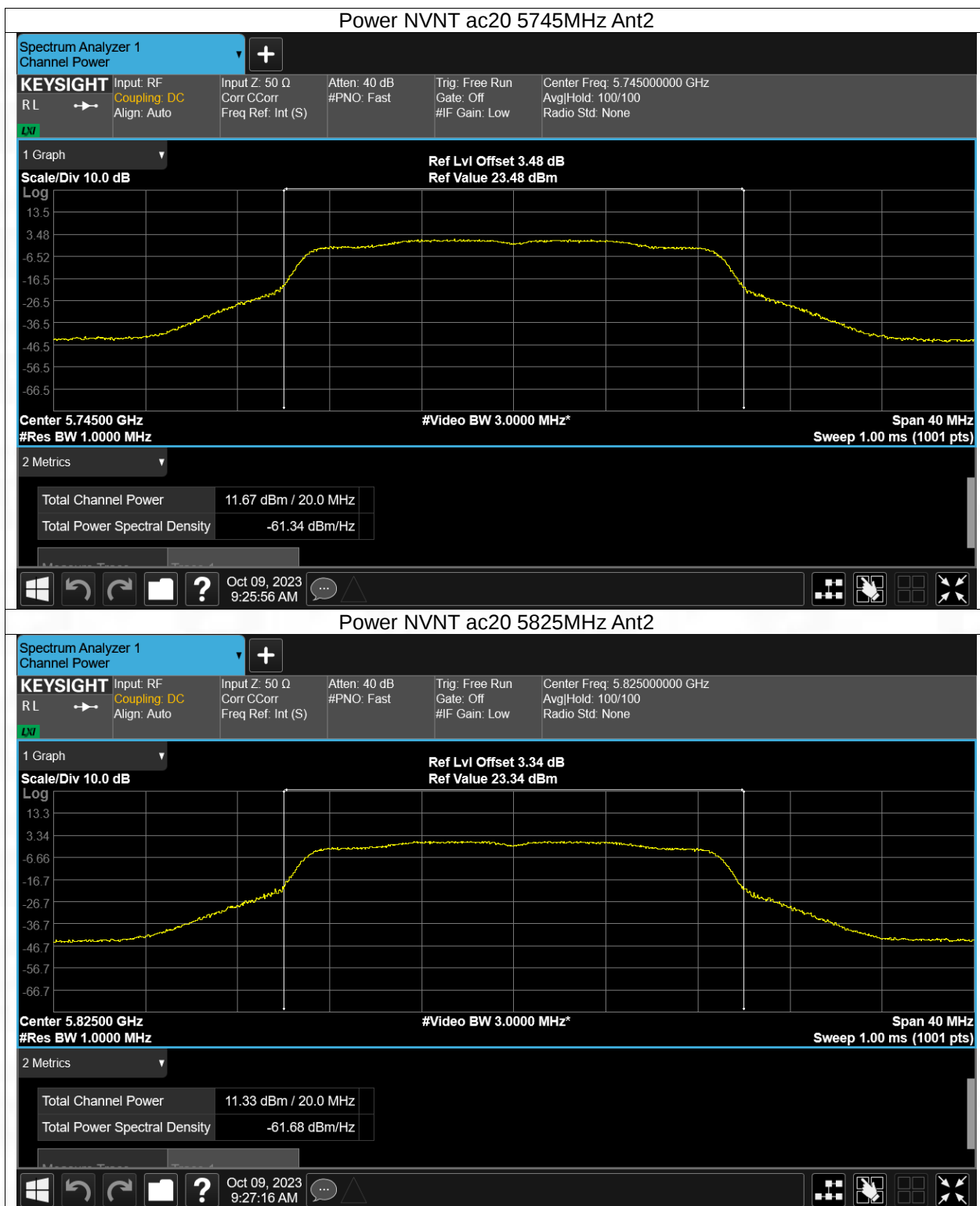














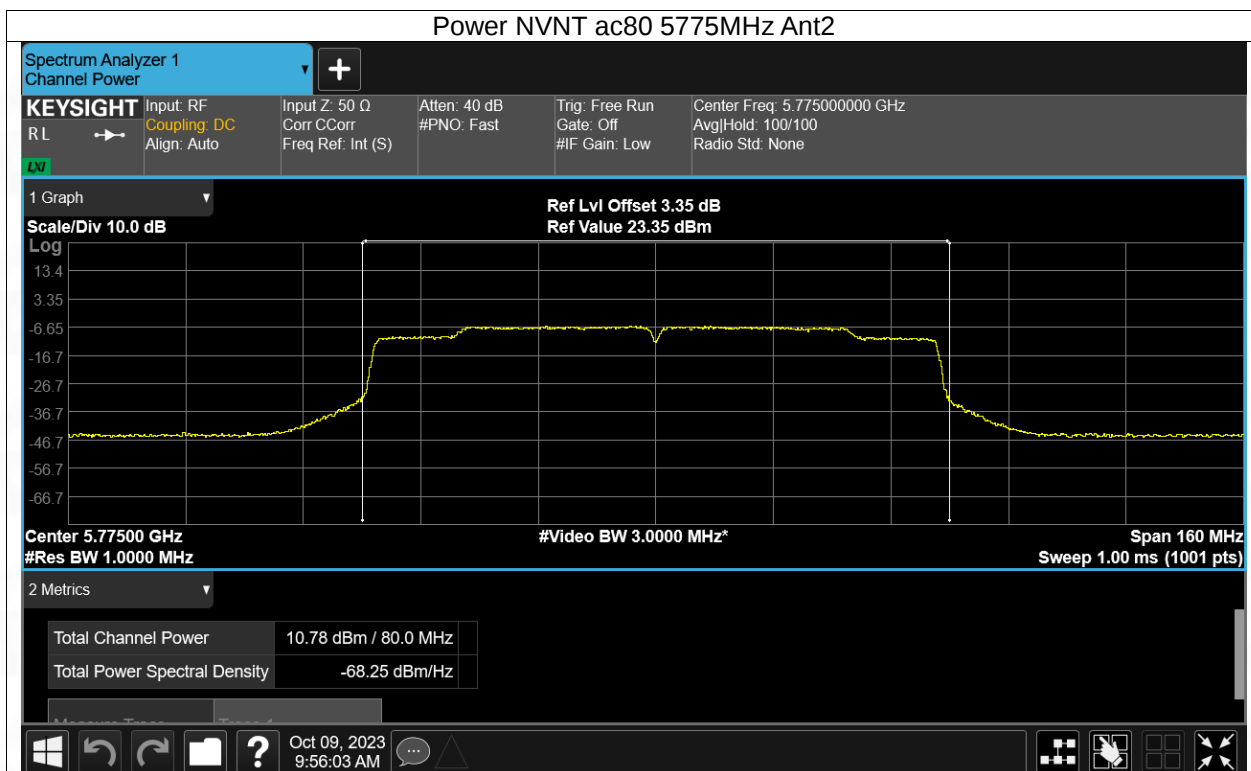












3. Maximum Power Spectral Density

3.1 PSD

3.1.1 Test Result

MAIN ANT1

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	1.31	0	1.31	11	Pass
NVNT	a	5240	Ant1	1.55	0	1.55	11	Pass
NVNT	a	5260	Ant1	1.01	0	1.01	11	Pass
NVNT	a	5320	Ant1	1.57	0	1.57	11	Pass
NVNT	a	5500	Ant1	1.83	0	1.83	11	Pass
NVNT	a	5700	Ant1	2.58	0	2.58	11	Pass
NVNT	a	5745	Ant1	-2.59	0	-2.59	30	Pass
NVNT	a	5825	Ant1	-3.54	0	-3.54	30	Pass
NVNT	n20	5180	Ant1	0.92	0	0.92	11	Pass
NVNT	n20	5240	Ant1	0.89	0	0.89	11	Pass
NVNT	n20	5260	Ant1	1.1	0	1.1	11	Pass
NVNT	n20	5320	Ant1	1.17	0	1.17	11	Pass
NVNT	n20	5500	Ant1	1.85	0	1.85	11	Pass
NVNT	n20	5700	Ant1	2.13	0	2.13	11	Pass
NVNT	n20	5745	Ant1	-3.31	0	-3.31	30	Pass
NVNT	n20	5825	Ant1	-3.38	0	-3.38	30	Pass
NVNT	n40	5190	Ant1	-1.25	0	-1.25	11	Pass
NVNT	n40	5230	Ant1	-1.73	0	-1.73	11	Pass
NVNT	n40	5270	Ant1	-0.63	0	-0.63	11	Pass
NVNT	n40	5310	Ant1	-2.32	0	-2.32	11	Pass
NVNT	n40	5510	Ant1	-2.82	0	-2.82	11	Pass
NVNT	n40	5670	Ant1	1.02	0	1.02	11	Pass
NVNT	n40	5755	Ant1	-5.85	0	-5.85	30	Pass
NVNT	n40	5795	Ant1	-6.61	0	-6.61	30	Pass
NVNT	ac20	5180	Ant1	0.99	0	0.99	11	Pass
NVNT	ac20	5240	Ant1	0.93	0	0.93	11	Pass
NVNT	ac20	5260	Ant1	1.05	0	1.05	11	Pass
NVNT	ac20	5320	Ant1	1.12	0	1.12	11	Pass
NVNT	ac20	5500	Ant1	1.7	0	1.7	11	Pass
NVNT	ac20	5700	Ant1	2.44	0	2.44	11	Pass
NVNT	ac20	5745	Ant1	-3.27	0	-3.27	30	Pass
NVNT	ac20	5825	Ant1	-2.93	0	-2.93	30	Pass
NVNT	ac40	5190	Ant1	-1.11	0	-1.11	11	Pass
NVNT	ac40	5230	Ant1	-1.64	0	-1.64	11	Pass
NVNT	ac40	5270	Ant1	-0.87	0	-0.87	11	Pass
NVNT	ac40	5310	Ant1	-2.21	0	-2.21	11	Pass
NVNT	ac40	5510	Ant1	-2.8	0	-2.8	11	Pass
NVNT	ac40	5670	Ant1	0.69	0	0.69	11	Pass
NVNT	ac40	5755	Ant1	-5.53	0	-5.53	30	Pass
NVNT	ac40	5795	Ant1	-6.23	0	-6.23	30	Pass
NVNT	ac80	5210	Ant1	-4.29	0	-4.29	11	Pass
NVNT	ac80	5290	Ant1	-5.36	0	-5.36	11	Pass
NVNT	ac80	5530	Ant1	-2.9	0	-2.9	11	Pass
NVNT	ac80	5610	Ant1	-1.82	0	-1.82	11	Pass
NVNT	ac80	5775	Ant1	-9.14	0	-9.14	30	Pass

AUX ANT2

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	2.11	0.93	3.04	11	Pass
NVNT	a	5240	Ant1	2.09	0.92	3.01	11	Pass
NVNT	a	5260	Ant1	2.19	0.92	3.11	11	Pass
NVNT	a	5320	Ant1	2.29	0.92	3.21	11	Pass
NVNT	a	5500	Ant1	2.65	0.93	3.58	11	Pass
NVNT	a	5700	Ant1	2.86	0.92	3.78	11	Pass
NVNT	a	5745	Ant1	-1.56	0.92	-0.64	30	Pass
NVNT	a	5825	Ant1	-1.83	0.92	-0.91	30	Pass
NVNT	n20	5180	Ant1	1.77	0.92	2.69	11	Pass

NVNT	n20	5240	Ant1	2.21	0.92	3.13	11	Pass
NVNT	n20	5260	Ant1	1.89	0.92	2.81	11	Pass
NVNT	n20	5320	Ant1	1.89	0.92	2.81	11	Pass
NVNT	n20	5500	Ant1	2.55	0.93	3.48	11	Pass
NVNT	n20	5700	Ant1	2.8	0.93	3.73	11	Pass
NVNT	n20	5745	Ant1	-1.89	0.92	-0.97	30	Pass
NVNT	n20	5825	Ant1	-1.84	0.92	-0.92	30	Pass
NVNT	n40	5190	Ant1	-0.39	0.95	0.56	11	Pass
NVNT	n40	5230	Ant1	-0.33	0.94	0.61	11	Pass
NVNT	n40	5270	Ant1	-0.23	0.94	0.71	11	Pass
NVNT	n40	5310	Ant1	-1.42	0.95	-0.47	11	Pass
NVNT	n40	5510	Ant1	-2.42	0.94	-1.48	11	Pass
NVNT	n40	5670	Ant1	1.43	0.95	2.38	11	Pass
NVNT	n40	5755	Ant1	-4.83	0.94	-3.89	30	Pass
NVNT	n40	5795	Ant1	-5.42	0.95	-4.47	30	Pass
NVNT	ac20	5180	Ant1	1.91	0.93	2.84	11	Pass
NVNT	ac20	5240	Ant1	2.23	0.93	3.16	11	Pass
NVNT	ac20	5260	Ant1	2.13	0.92	3.05	11	Pass
NVNT	ac20	5320	Ant1	2.15	0.92	3.07	11	Pass
NVNT	ac20	5500	Ant1	2.5	0.92	3.42	11	Pass
NVNT	ac20	5700	Ant1	2.65	0.92	3.57	11	Pass
NVNT	ac20	5745	Ant1	-1.87	0.93	-0.94	30	Pass
NVNT	ac20	5825	Ant1	-1.87	0.92	-0.95	30	Pass
NVNT	ac40	5190	Ant1	-0.2	0.94	0.74	11	Pass
NVNT	ac40	5230	Ant1	-0.61	0.94	0.33	11	Pass
NVNT	ac40	5270	Ant1	-0.42	0.94	0.52	11	Pass
NVNT	ac40	5310	Ant1	-1.33	0.94	-0.39	11	Pass
NVNT	ac40	5510	Ant1	-2.38	0.94	-1.44	11	Pass
NVNT	ac40	5670	Ant1	1.55	0.94	2.49	11	Pass
NVNT	ac40	5755	Ant1	-4.84	0.94	-3.9	30	Pass
NVNT	ac40	5795	Ant1	-5.35	0.94	-4.41	30	Pass
NVNT	ac80	5210	Ant1	-3.28	0.94	-2.34	11	Pass
NVNT	ac80	5290	Ant1	-4.74	0.94	-3.8	11	Pass
NVNT	ac80	5530	Ant1	-3.18	0.94	-2.24	11	Pass
NVNT	ac80	5610	Ant1	-1.73	0.94	-0.79	11	Pass
NVNT	ac80	5775	Ant1	-8.67	0.94	-7.73	30	Pass

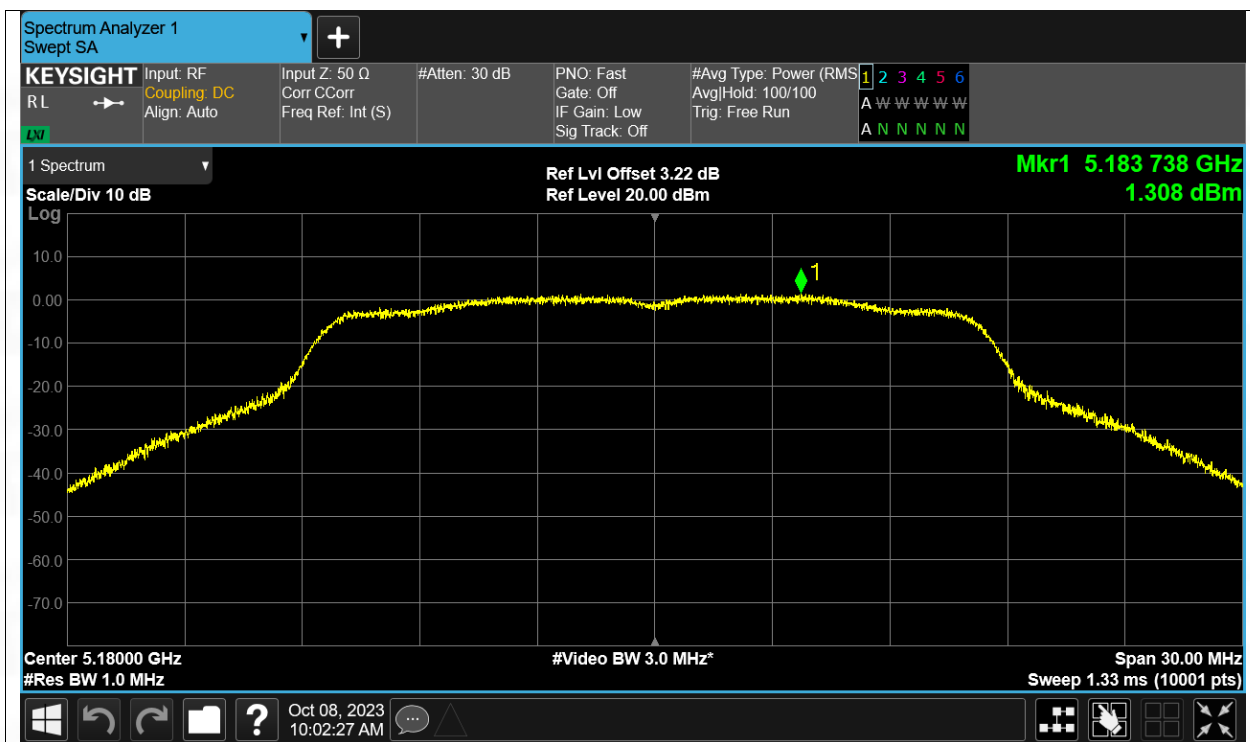
MIMO Mode

Mode	Frequency (MHz)	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
a	5180	4.74	0	5.27	11	Pass
a	5240	4.84	0	5.35	11	Pass
a	5260	4.65	0	5.20	11	Pass
a	5320	4.96	0	5.48	11	Pass
a	5500	5.27	0	5.80	11	Pass
a	5700	5.73	0	6.23	11	Pass
a	5745	0.97	0	1.50	30	Pass
a	5825	0.41	0	0.98	30	Pass
n20	5180	4.38	0	4.90	11	Pass
n20	5240	4.61	0	5.16	11	Pass
n20	5260	4.52	0	5.05	11	Pass

n20	5320	4.56	0	5.08	11	Pass
n20	5500	5.22	0	5.75	11	Pass
n20	5700	5.49	0	6.01	11	Pass
n20	5745	0.47	0	1.03	30	Pass
n20	5825	0.47	0	1.03	30	Pass
n40	5190	2.21	0	2.76	11	Pass
n40	5230	2.04	0	2.61	11	Pass
n40	5270	2.58	0	3.10	11	Pass
n40	5310	1.16	0	1.71	11	Pass
n40	5510	0.39	0	0.91	11	Pass
n40	5670	4.24	0	4.76	11	Pass
n40	5755	-2.30	0	-1.75	30	Pass
n40	5795	-2.96	0	-2.40	30	Pass
ac20	5180	4.48	0	5.02	11	Pass
ac20	5240	4.64	0	5.20	11	Pass
ac20	5260	4.63	0	5.17	11	Pass
ac20	5320	4.68	0	5.21	11	Pass
ac20	5500	5.13	0	5.65	11	Pass
ac20	5700	5.56	0	6.05	11	Pass
ac20	5745	0.50	0	1.06	30	Pass
ac20	5825	0.64	0	1.18	30	Pass
ac40	5190	2.38	0	2.92	11	Pass
ac40	5230	1.92	0	2.47	11	Pass
ac40	5270	2.37	0	2.89	11	Pass
ac40	5310	1.26	0	1.80	11	Pass
ac40	5510	0.43	0	0.94	11	Pass
ac40	5670	4.15	0	4.69	11	Pass
ac40	5755	-2.16	0	-1.63	30	Pass
ac40	5795	-2.76	0	-2.22	30	Pass
ac80	5210	-0.75	0	-0.20	11	Pass
ac80	5290	-2.03	0	-1.50	11	Pass
ac80	5530	-0.03	0	0.45	11	Pass
ac80	5610	1.24	0	1.74	11	Pass
ac80	5775	-5.89	0	-5.37	30	Pass

ANT1

Test Graphs
PSD NVNT a 5180MHz Ant1



PSD NVNT a 5240MHz Ant1

