

3. Maximum Power Spectral Density

3.1 PSD

3.1.1 Test Result

MAIN ANT1

Mode	Frequency (MHz)	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
a	5180	2.07	0	2.07	11	Pass
a	5240	1.78	0	1.78	11	Pass
a	5260	1.52	0	1.52	11	Pass
a	5320	1.95	0	1.95	11	Pass
a	5500	2.08	0	2.08	11	Pass
a	5700	2.11	0	2.11	11	Pass
a	5745	-1.33	0	-1.33	30	Pass
a	5825	-2.17	0	-2.17	30	Pass
n20	5180	1.87	0	1.87	11	Pass
n20	5240	1.31	0	1.31	11	Pass
n20	5260	1.31	0	1.31	11	Pass
n20	5320	2.02	0	2.02	11	Pass
n20	5500	2.02	0	2.02	11	Pass
n20	5700	2.05	0	2.05	11	Pass
n20	5745	-1.54	0	-1.54	30	Pass
n20	5825	-2.25	0	-2.25	30	Pass
n40	5190	-0.27	0	-0.27	11	Pass
n40	5230	-0.02	0	-0.02	11	Pass
n40	5270	-0.21	0	-0.21	11	Pass
n40	5310	-0.63	0	-0.63	11	Pass
n40	5510	-1.38	0	-1.38	11	Pass
n40	5670	0.88	0	0.88	11	Pass
n40	5755	-3.33	0	-3.33	30	Pass
n40	5795	-2.97	0	-2.97	30	Pass
ac20	5180	2.03	0	2.03	11	Pass
ac20	5240	1.26	0	1.26	11	Pass
ac20	5260	1.52	0	1.52	11	Pass
ac20	5320	2.04	0	2.04	11	Pass
ac20	5500	1.86	0	1.86	11	Pass
ac20	5700	2.41	0	2.41	11	Pass
ac20	5745	-1.67	0	-1.67	30	Pass
ac20	5825	-2.09	0	-2.09	30	Pass
ac40	5190	-0.22	0	-0.22	11	Pass
ac40	5230	-0.1	0	-0.1	11	Pass
ac40	5270	0.23	0	0.23	11	Pass
ac40	5310	-1.12	0	-1.12	11	Pass
ac40	5510	-1.67	0	-1.67	11	Pass
ac40	5670	1.04	0	1.04	11	Pass
ac40	5755	-3.45	0	-3.45	30	Pass
ac40	5795	-3.54	0	-3.54	30	Pass
ac80	5210	-2.79	0	-2.79	11	Pass
ac80	5290	-4.61	0	-4.61	11	Pass
ac80	5530	-3.95	0	-3.95	11	Pass
ac80	5610	-1.71	0	-1.71	11	Pass
ac80	5775	-5.51	0	-5.51	30	Pass
ax160	5250	-10.44	0	-10.44	11	Pass
ax160	5570	-8.3	0	-8.3	11	Pass
ax20	5180	1.86	0	1.86	11	Pass
ax20	5240	1.43	0	1.43	11	Pass
ax20	5260	1.31	0	1.31	11	Pass
ax20	5320	1.82	0	1.82	11	Pass
ax20	5500	1.67	0	1.67	11	Pass
ax20	5700	2.32	0	2.32	11	Pass

ax20	5745	-1.85	0	-1.85	30	Pass
ax20	5825	-2.37	0	-2.37	30	Pass
ax40	5190	0.22	0	0.22	11	Pass
ax40	5230	0.09	0	0.09	11	Pass
ax40	5270	-0.17	0	-0.17	11	Pass
ax40	5310	-0.6	0	-0.6	11	Pass
ax40	5510	-1.62	0	-1.62	11	Pass
ax40	5670	0.93	0	0.93	11	Pass
ax40	5755	-3.65	0	-3.65	30	Pass
ax40	5795	-3.47	0	-3.47	30	Pass
ax80	5210	-3.06	0	-3.06	11	Pass
ax80	5290	-5.25	0	-5.25	11	Pass
ax80	5530	-4.37	0	-4.37	11	Pass
ax80	5610	-1.66	0	-1.66	11	Pass
ax80	5775	-6.51	0	-6.51	30	Pass

AUX ANT2

Mode	Frequency (MHz)	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
a	5180	2.6	0	2.6	11	Pass
a	5240	2.56	0	2.56	11	Pass
a	5260	2.26	0	2.26	11	Pass
a	5320	2.73	0	2.73	11	Pass
a	5500	2.38	0	2.38	11	Pass
a	5700	2.61	0	2.61	11	Pass
a	5745	-1.47	0	-1.47	30	Pass
a	5825	-1.8	0	-1.8	30	Pass
n20	5180	2.85	0	2.85	11	Pass
n20	5240	2.26	0	2.26	11	Pass
n20	5260	2.05	0	2.05	11	Pass
n20	5320	2.51	0	2.51	11	Pass
n20	5500	2.31	0	2.31	11	Pass
n20	5700	2.6	0	2.6	11	Pass
n20	5745	-1.52	0	-1.52	30	Pass
n20	5825	-1.82	0	-1.82	30	Pass
n40	5190	0.2	0	0.2	11	Pass
n40	5230	0.85	0	0.85	11	Pass
n40	5270	0.68	0	0.68	11	Pass
n40	5310	-0.4	0	-0.4	11	Pass
n40	5510	-0.93	0	-0.93	11	Pass
n40	5670	1.21	0	1.21	11	Pass
n40	5755	1.56	0	1.56	11	Pass
n40	5795	-2.61	0	-2.61	30	Pass
ac20	5180	2.46	0	2.46	11	Pass
ac20	5240	2.53	0	2.53	11	Pass
ac20	5260	2.14	0	2.14	11	Pass
ac20	5320	3	0	3	11	Pass
ac20	5500	2.38	0	2.38	11	Pass
ac20	5700	2.78	0	2.78	11	Pass
ac20	5745	-0.97	0	-0.97	30	Pass
ac20	5825	-2.03	0	-2.03	30	Pass
ac40	5190	0.3	0	0.3	11	Pass
ac40	5230	0.59	0	0.59	11	Pass
ac40	5270	0.39	0	0.39	11	Pass
ac40	5310	-0.14	0	-0.14	11	Pass
ac40	5510	-1	0	-1	11	Pass
ac40	5670	1.09	0	1.09	11	Pass
ac40	5755	-3.01	0	-3.01	30	Pass
ac40	5795	-3.36	0	-3.36	30	Pass
ac80	5210	-2.44	0	-2.44	11	Pass
ac80	5290	-3.87	0	-3.87	11	Pass
ac80	5530	-3.34	0	-3.34	11	Pass
ac80	5610	-1.45	0	-1.45	11	Pass
ac80	5775	-5.96	0	-5.96	30	Pass
ax160	5250	-9.58	0	-9.58	11	Pass
ax160	5570	-8.05	0	-8.05	11	Pass
ax20	5180	2.26	0	2.26	11	Pass
ax20	5240	1.9	0	1.9	11	Pass

ax20	5260	1.76	0	1.76	11	Pass
ax20	5320	2.54	0	2.54	11	Pass
ax20	5500	2.15	0	2.15	11	Pass
ax20	5700	2.57	0	2.57	11	Pass
ax20	5745	-1.74	0	-1.74	30	Pass
ax20	5825	-2.15	0	-2.15	30	Pass
ax40	5190	-0.31	0	-0.31	11	Pass
ax40	5230	0.2	0	0.2	11	Pass
ax40	5270	0.1	0	0.1	11	Pass
ax40	5310	-0.33	0	-0.33	11	Pass
ax40	5510	-1.39	0	-1.39	11	Pass
ax40	5670	1.1	0	1.1	11	Pass
ax40	5755	-3.3	0	-3.3	30	Pass
ax40	5795	-3.47	0	-3.47	30	Pass
ax80	5210	-2.74	0	-2.74	11	Pass
ax80	5290	-4.33	0	-4.33	11	Pass
ax80	5530	-3.86	0	-3.86	11	Pass
ax80	5610	-2.16	0	-2.16	11	Pass
ax80	5775	-6.38	0	-6.38	30	Pass

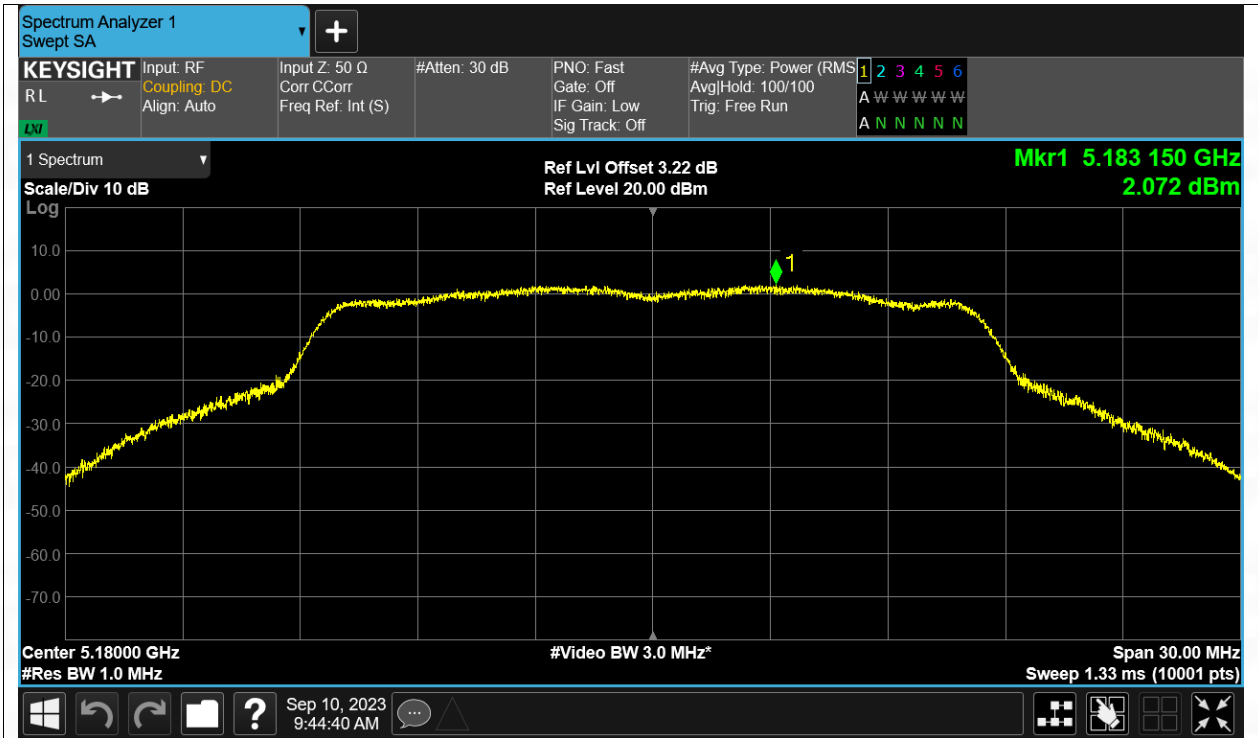
MIMO Mode

Mode	Frequency (MHz)	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
a	5180	5.35	0	5.35	11	Pass
a	5240	5.20	0	5.20	11	Pass
a	5260	4.92	0	4.92	11	Pass
a	5320	5.37	0	5.37	11	Pass
a	5500	5.24	0	5.24	11	Pass
a	5700	5.38	0	5.38	11	Pass
a	5745	1.61	0	1.61	30	Pass
a	5825	1.03	0	1.03	30	Pass
n20	5180	5.40	0	5.40	11	Pass
n20	5240	4.82	0	4.82	11	Pass
n20	5260	4.71	0	4.71	11	Pass
n20	5320	5.28	0	5.28	11	Pass
n20	5500	5.18	0	5.18	11	Pass
n20	5700	5.34	0	5.34	11	Pass
n20	5745	1.48	0	1.48	30	Pass
n20	5825	0.98	0	0.98	30	Pass
n40	5190	2.98	0	2.98	11	Pass
n40	5230	3.45	0	3.45	11	Pass
n40	5270	3.27	0	3.27	11	Pass
n40	5310	2.50	0	2.50	11	Pass
n40	5510	1.86	0	1.86	11	Pass
n40	5670	4.06	0	4.06	11	Pass
n40	5755	2.78	0	2.78	30	Pass
n40	5795	0.22	0	0.22	30	Pass
ac20	5180	5.26	0	5.26	11	Pass
ac20	5240	4.95	0	4.95	11	Pass
ac20	5260	4.85	0	4.85	11	Pass
ac20	5320	5.56	0	5.56	11	Pass
ac20	5500	5.14	0	5.14	11	Pass
ac20	5700	5.61	0	5.61	11	Pass
ac20	5745	1.70	0	1.70	30	Pass
ac20	5825	0.95	0	0.95	30	Pass
ac40	5190	3.06	0	3.06	11	Pass
ac40	5230	3.27	0	3.27	11	Pass
ac40	5270	3.32	0	3.32	11	Pass
ac40	5310	2.41	0	2.41	11	Pass
ac40	5510	1.69	0	1.69	11	Pass
ac40	5670	4.08	0	4.08	11	Pass
ac40	5755	-0.21	0	-0.21	30	Pass

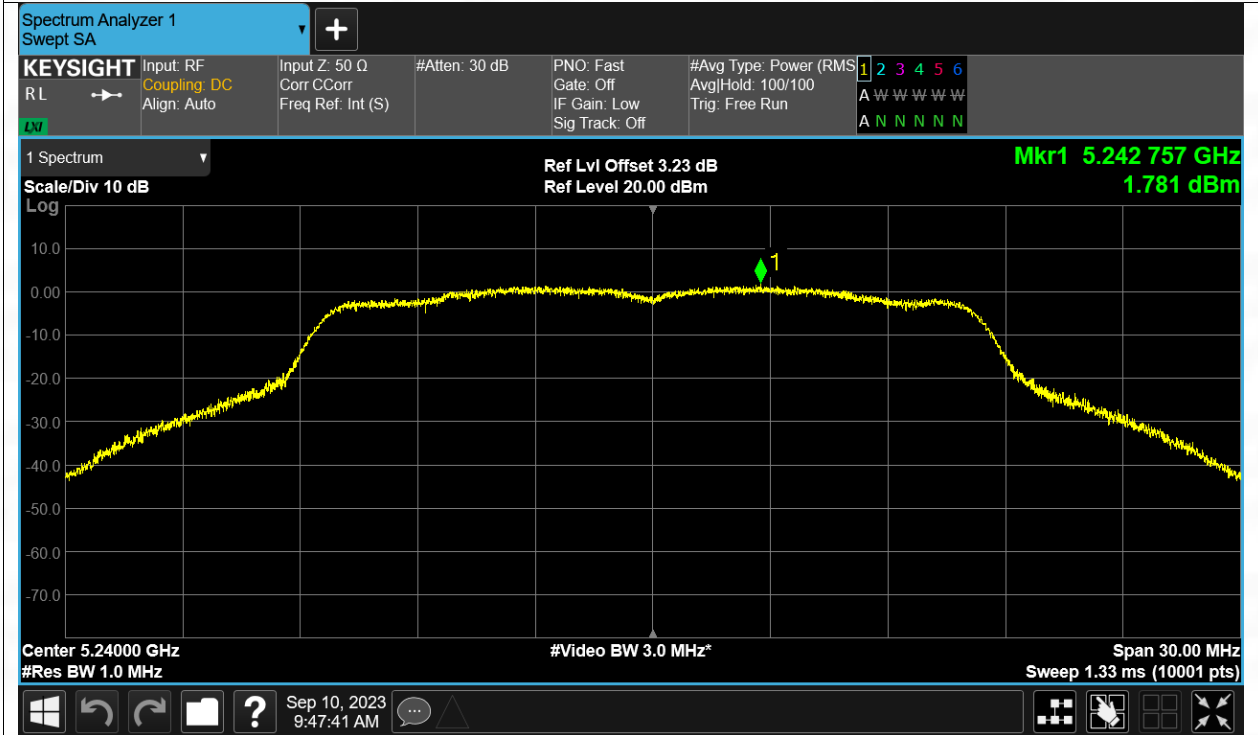
ac40	5795	-0.44	0	-0.44	30	Pass
ac80	5210	0.40	0	0.40	11	Pass
ac80	5290	-1.21	0	-1.21	11	Pass
ac80	5530	-0.62	0	-0.62	11	Pass
ac80	5610	1.43	0	1.43	11	Pass
ac80	5775	-2.72	0	-2.72	30	Pass
ax160	5250	-6.98	0	-6.98	11	Pass
ax160	5570	-5.16	0	-5.16	11	Pass
ax20	5180	5.07	0	5.07	11	Pass
ax20	5240	4.68	0	4.68	11	Pass
ax20	5260	4.55	0	4.55	11	Pass
ax20	5320	5.21	0	5.21	11	Pass
ax20	5500	4.93	0	4.93	11	Pass
ax20	5700	5.46	0	5.46	11	Pass
ax20	5745	1.22	0	1.22	30	Pass
ax20	5825	0.75	0	0.75	30	Pass
ax40	5190	2.97	0	2.97	11	Pass
ax40	5230	3.16	0	3.16	11	Pass
ax40	5270	2.98	0	2.98	11	Pass
ax40	5310	2.55	0	2.55	11	Pass
ax40	5510	1.51	0	1.51	11	Pass
ax40	5670	4.03	0	4.03	11	Pass
ax40	5755	-0.46	0	-0.46	30	Pass
ax40	5795	-0.46	0	-0.46	30	Pass
ax80	5210	0.11	0	0.11	11	Pass
ax80	5290	-1.76	0	-1.76	11	Pass
ax80	5530	-1.10	0	-1.10	11	Pass
ax80	5610	1.11	0	1.11	11	Pass
ax80	5775	-3.43	0	-3.43	30	Pass

ANT1

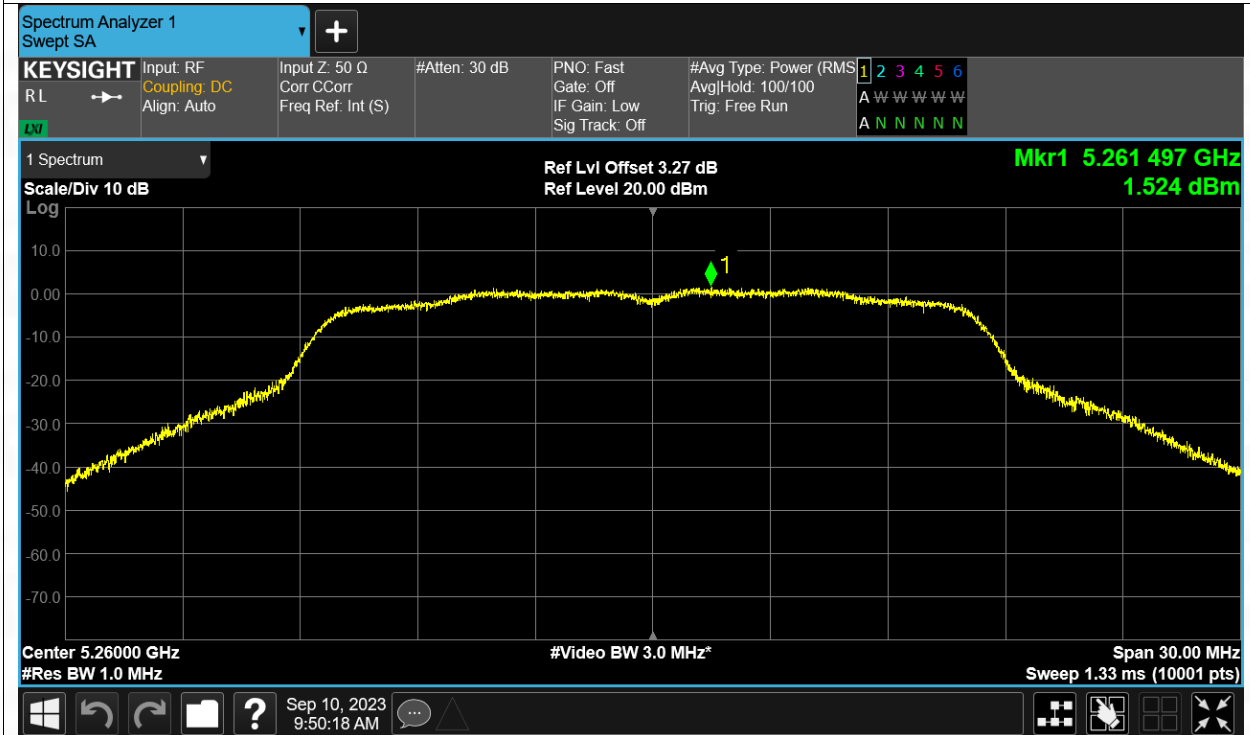
Test Graphs
PSD NVNT a 5180MHz Ant1



PSD NVNT a 5240MHz Ant1



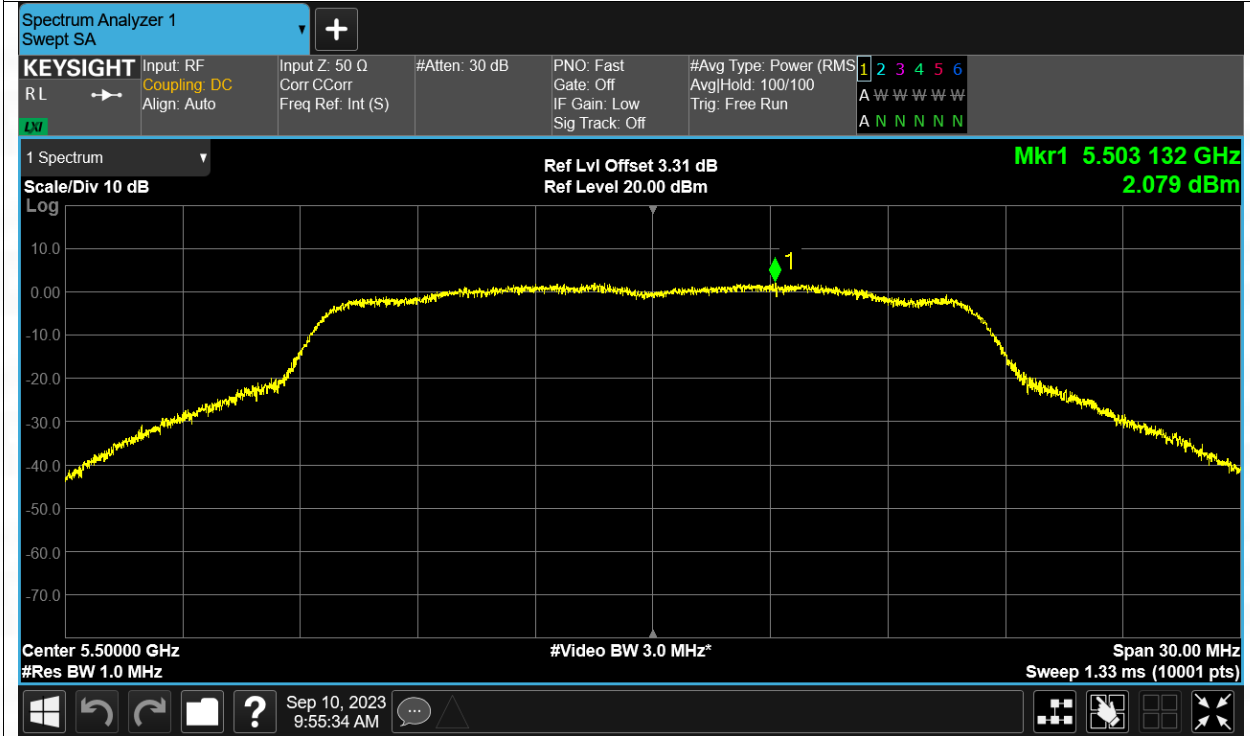
PSD NVNT a 5260MHz Ant1



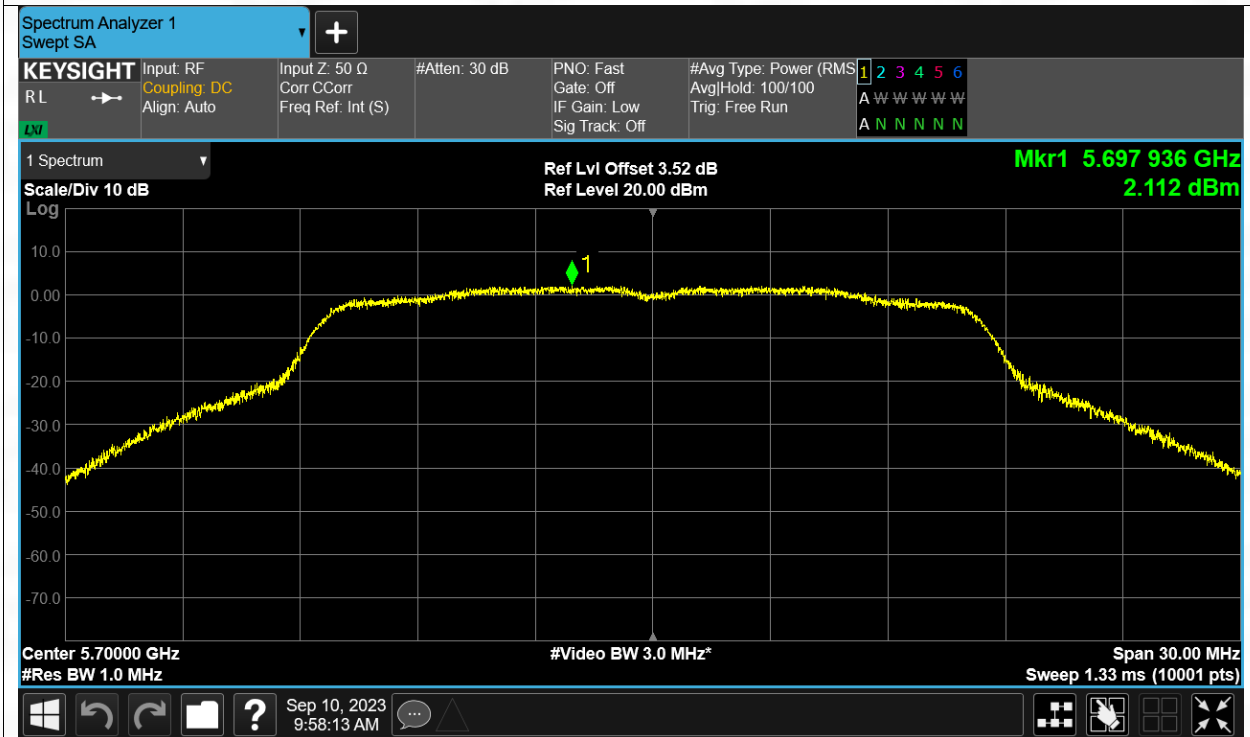
PSD NVNT a 5320MHz Ant1



PSD NVNT a 5500MHz Ant1



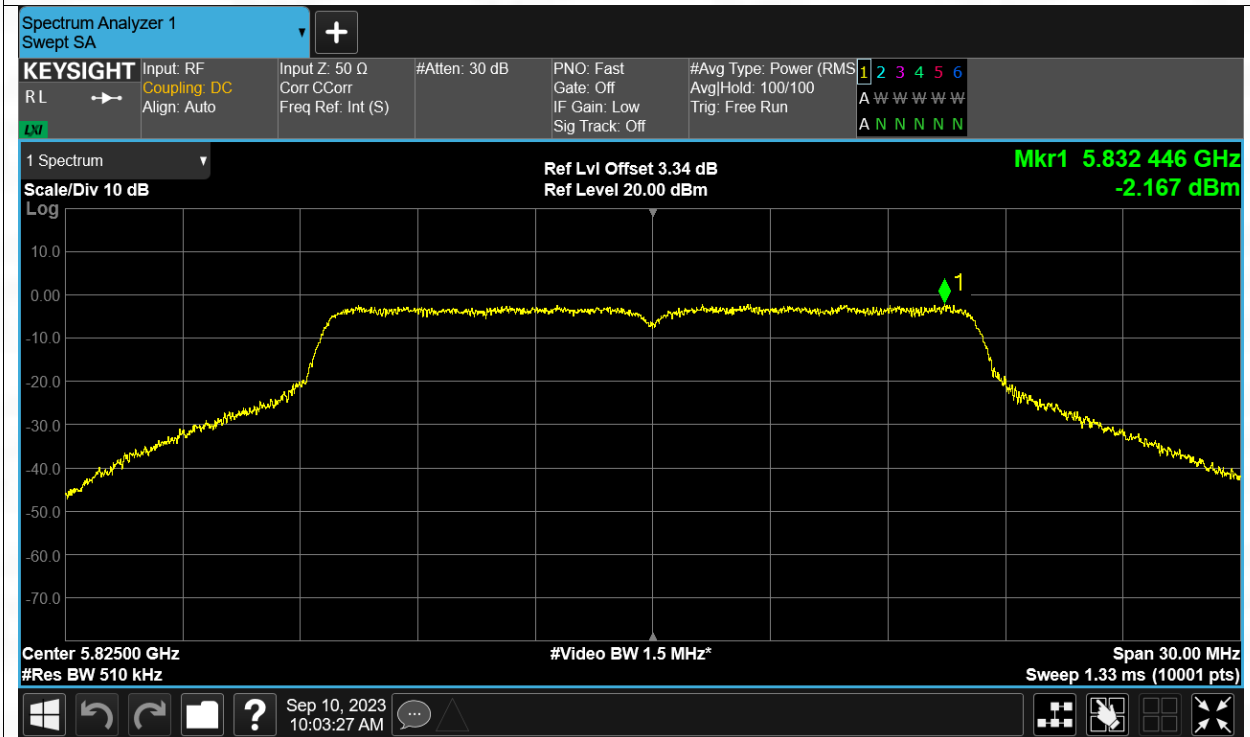
PSD NVNT a 5700MHz Ant1



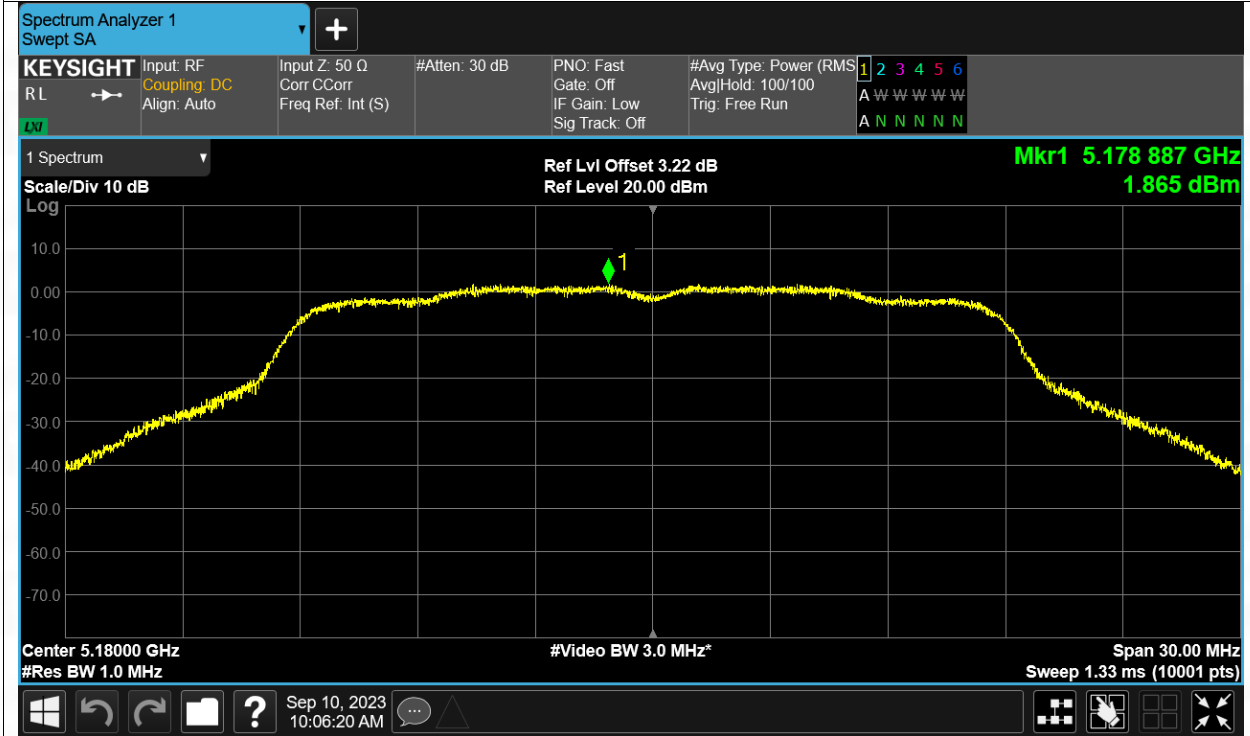
PSD NVNT a 5745MHz Ant1



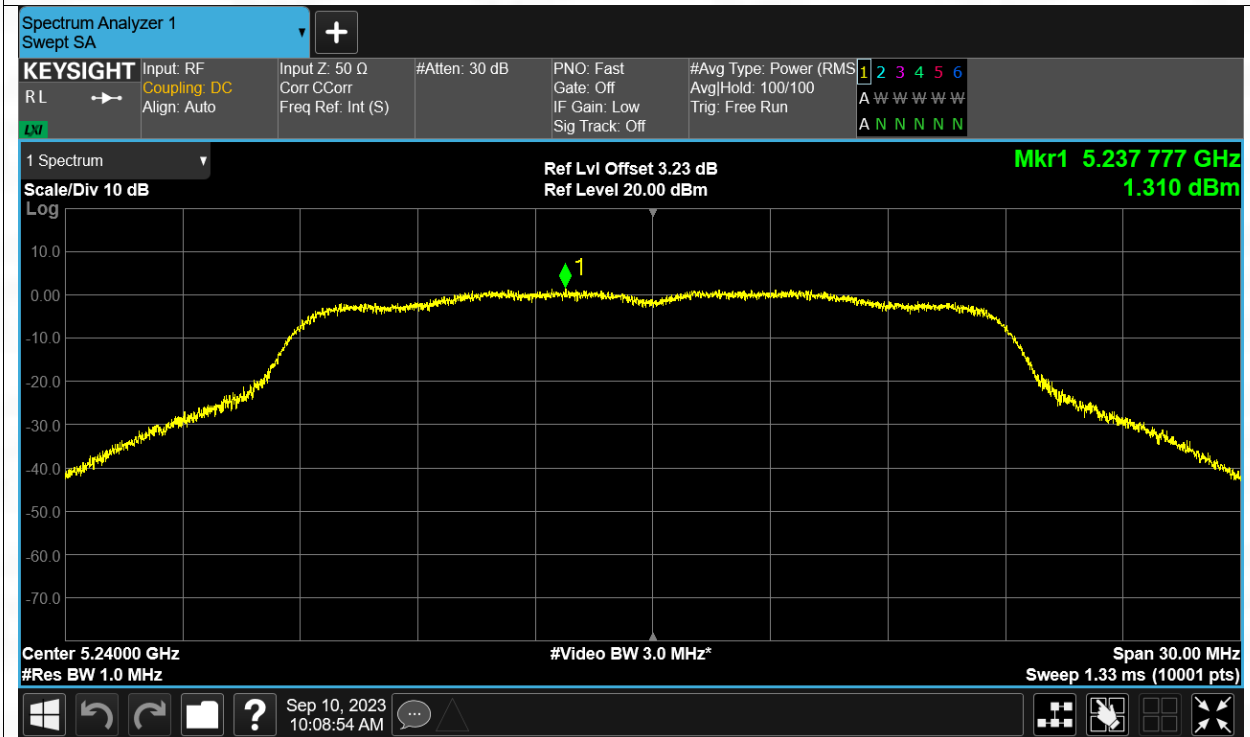
PSD NVNT a 5825MHz Ant1

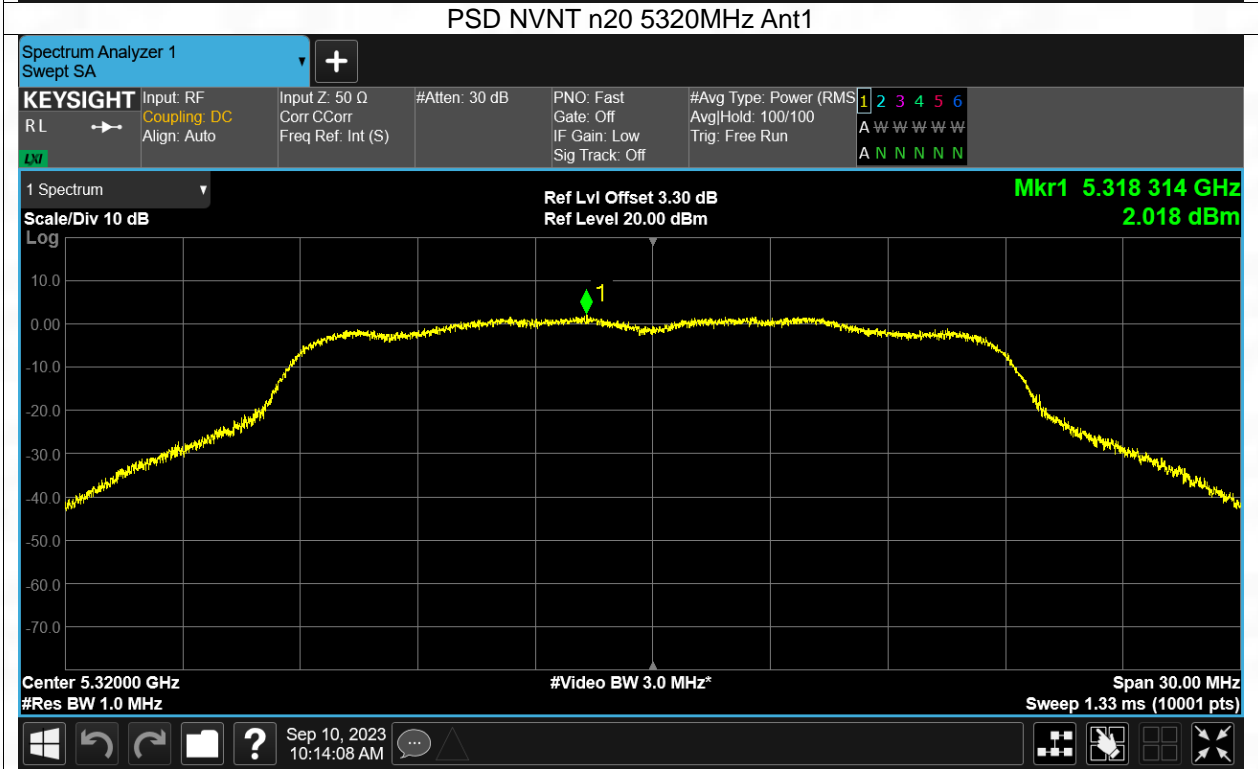
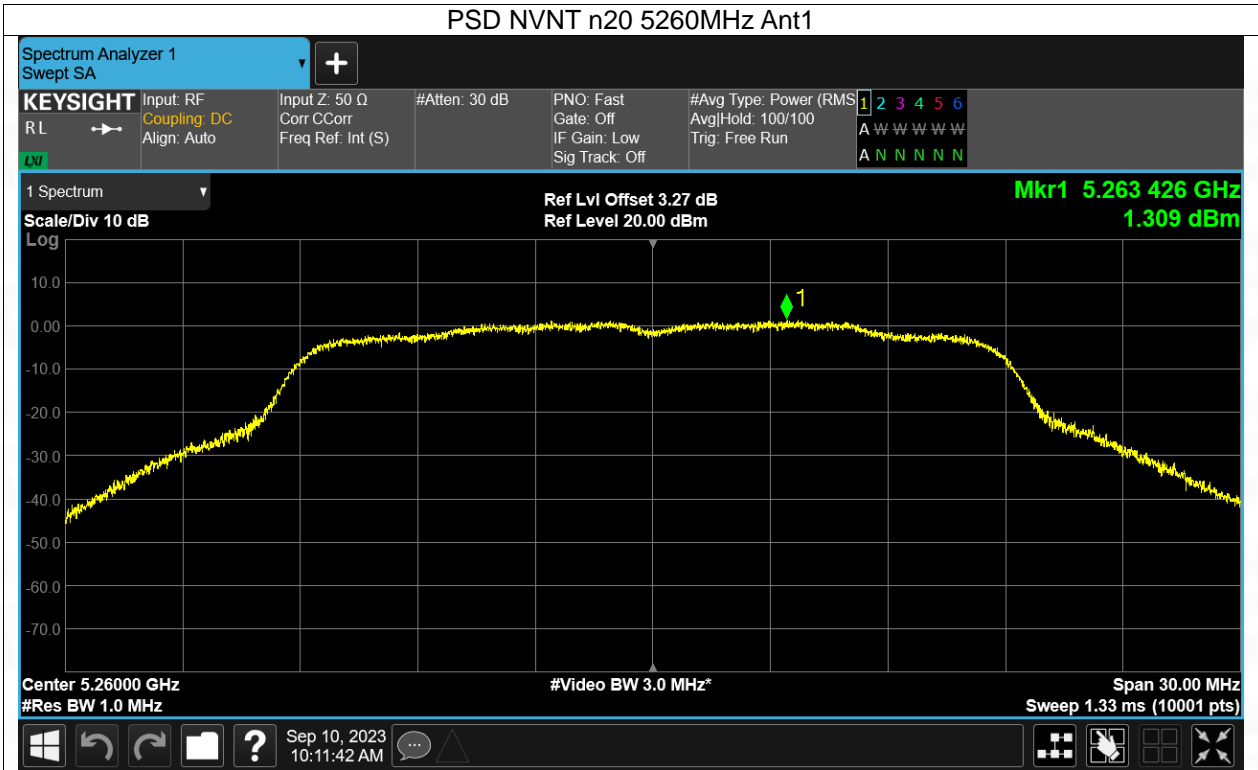


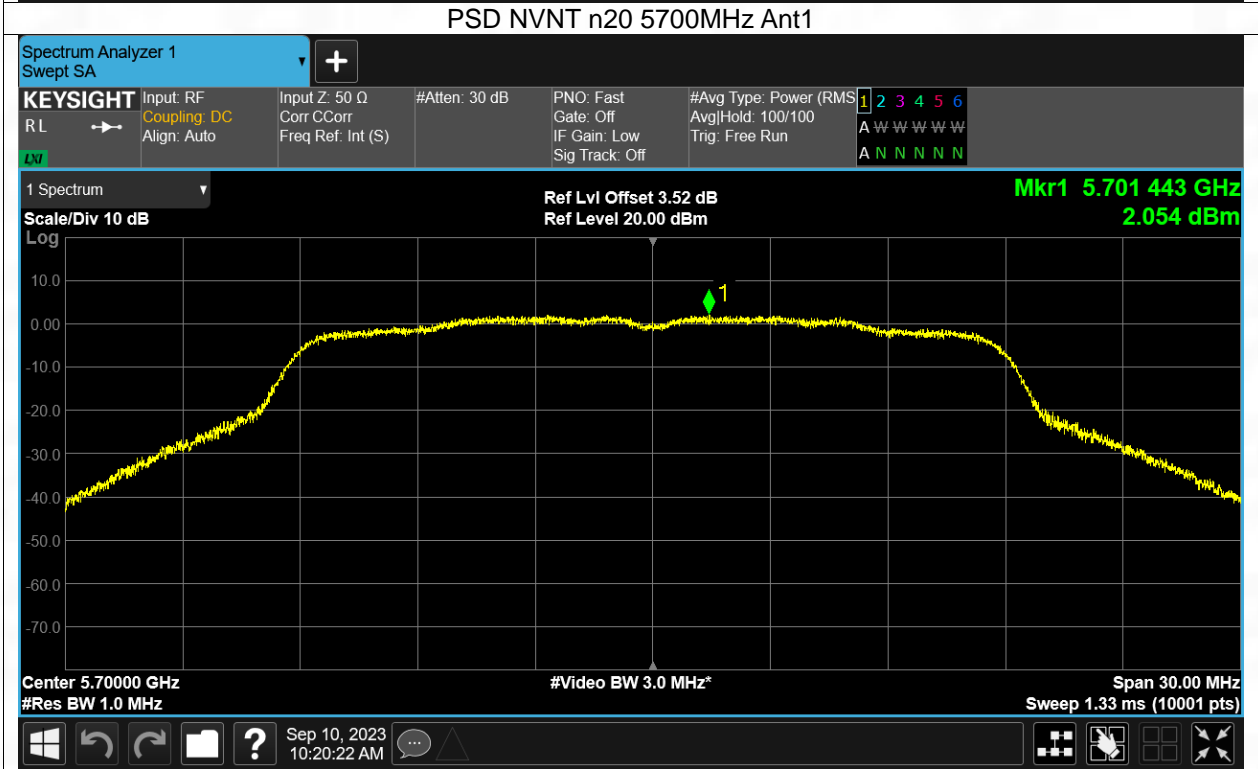
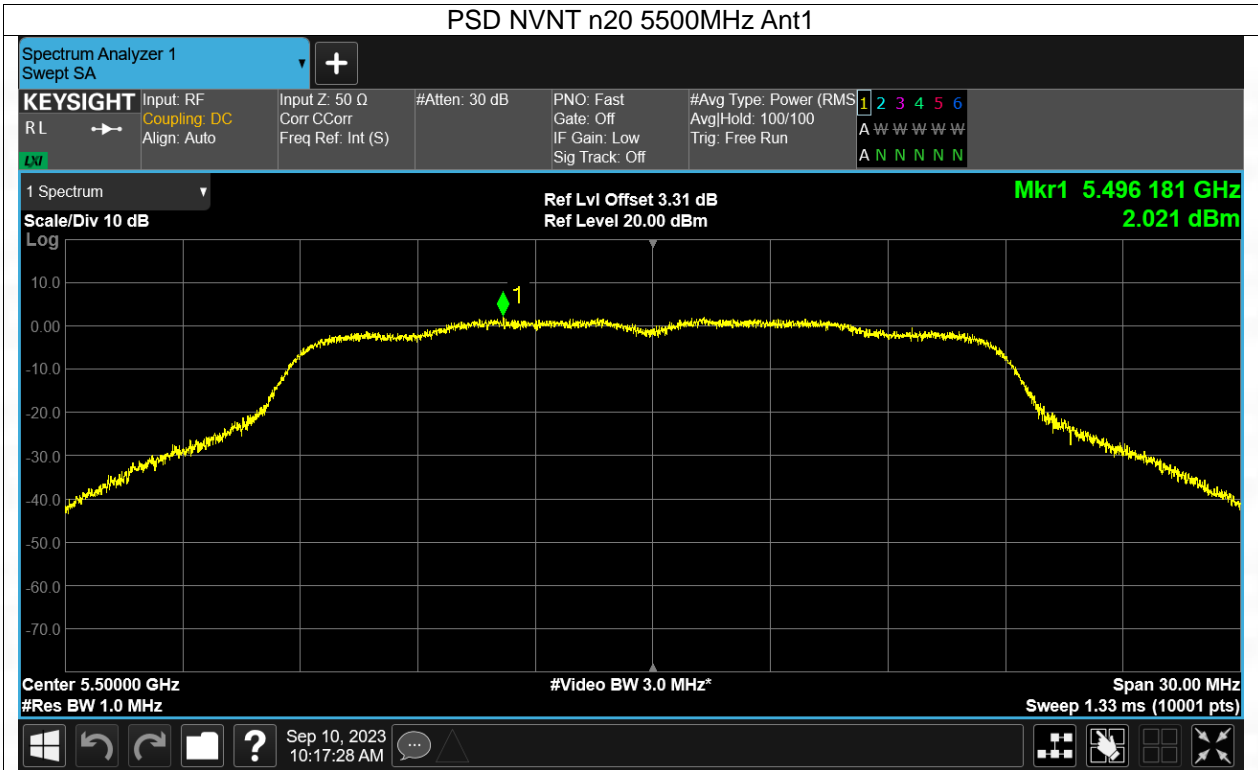
PSD NVNT n20 5180MHz Ant1



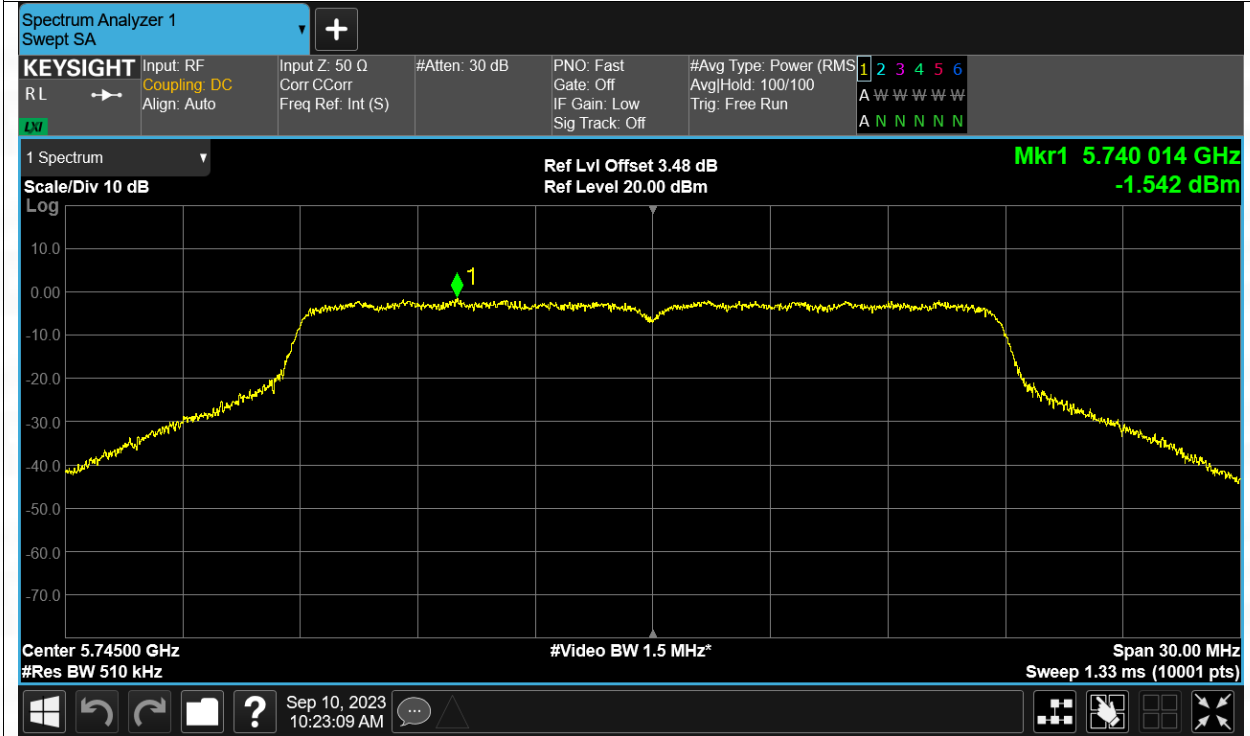
PSD NVNT n20 5240MHz Ant1



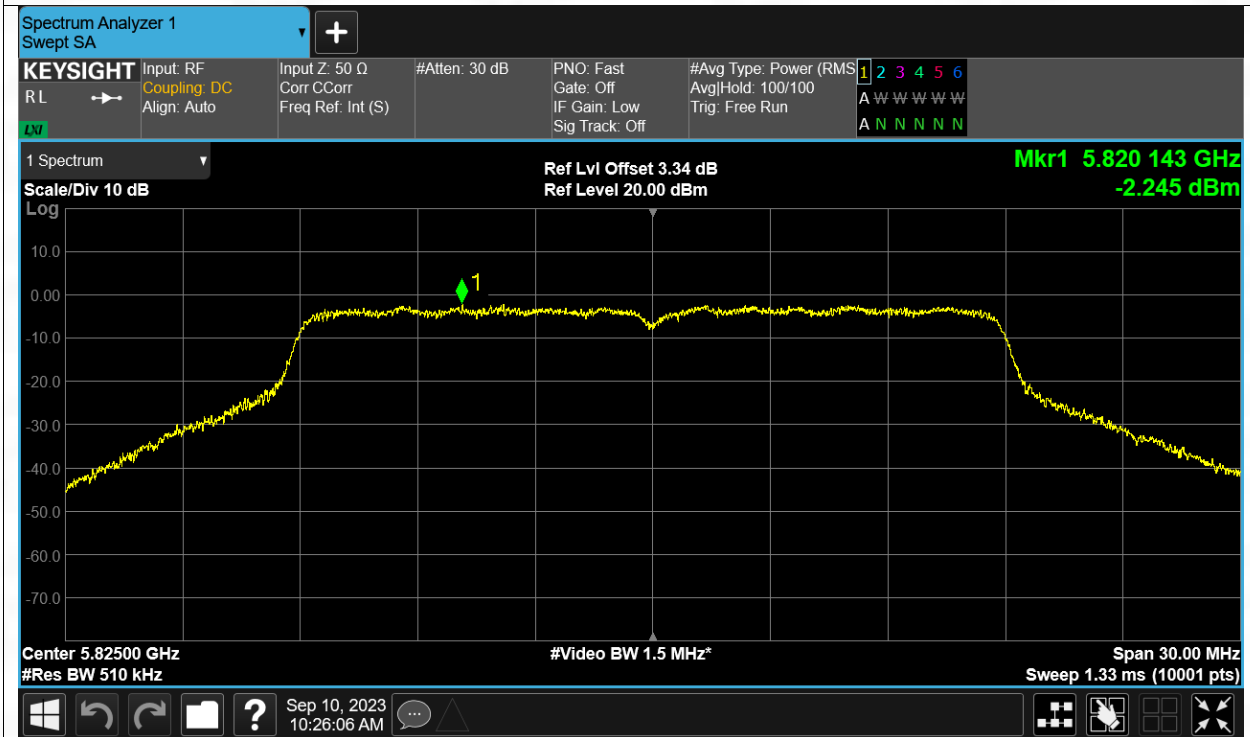




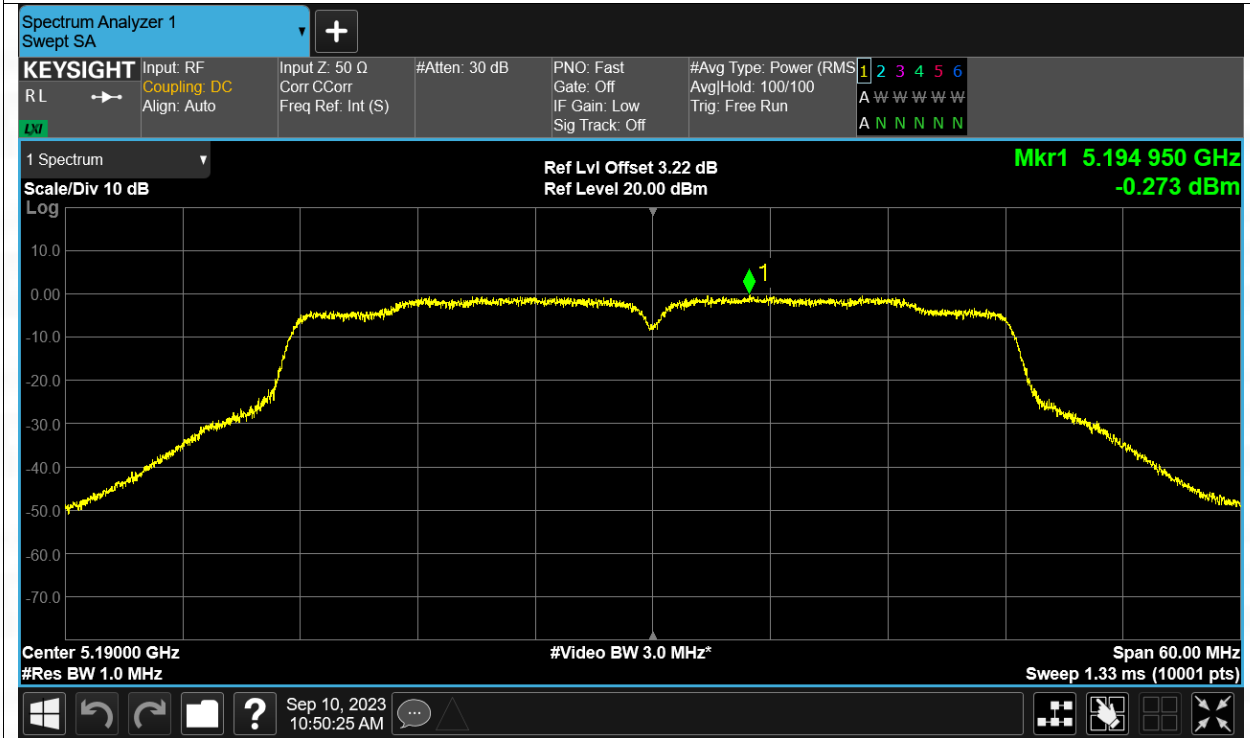
PSD NVNT n20 5745MHz Ant1



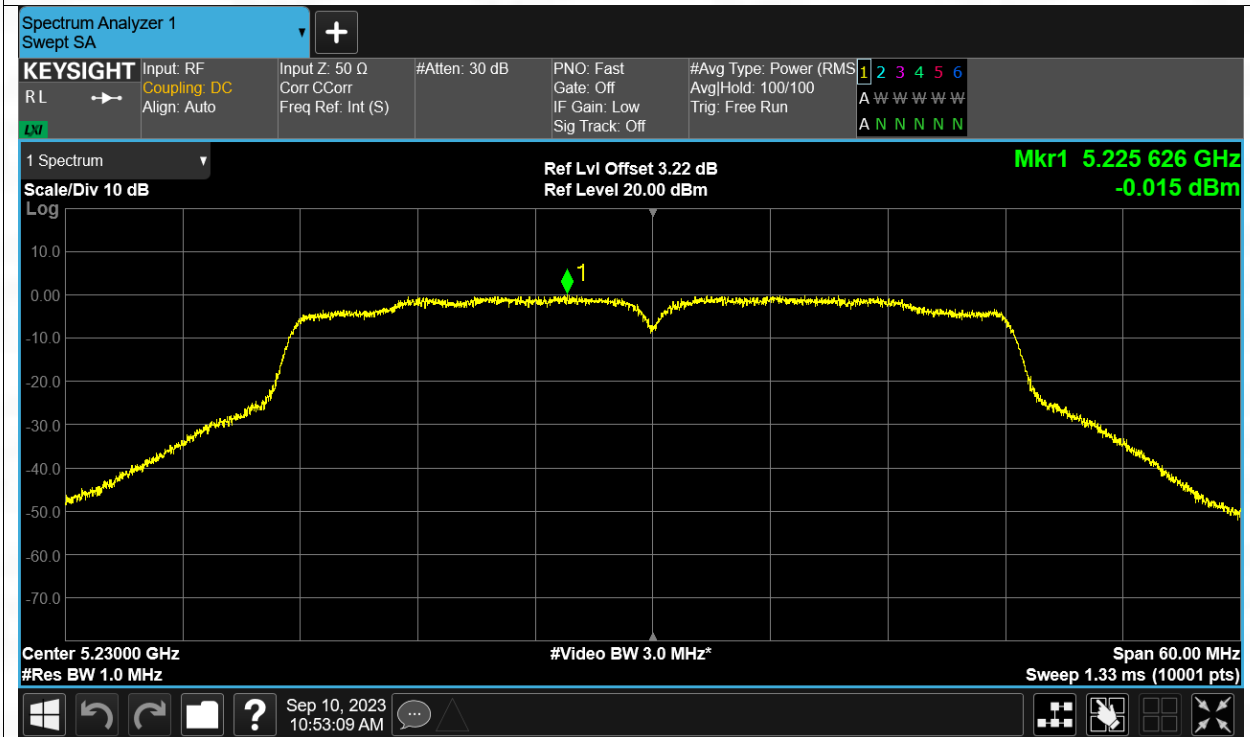
PSD NVNT n20 5825MHz Ant1



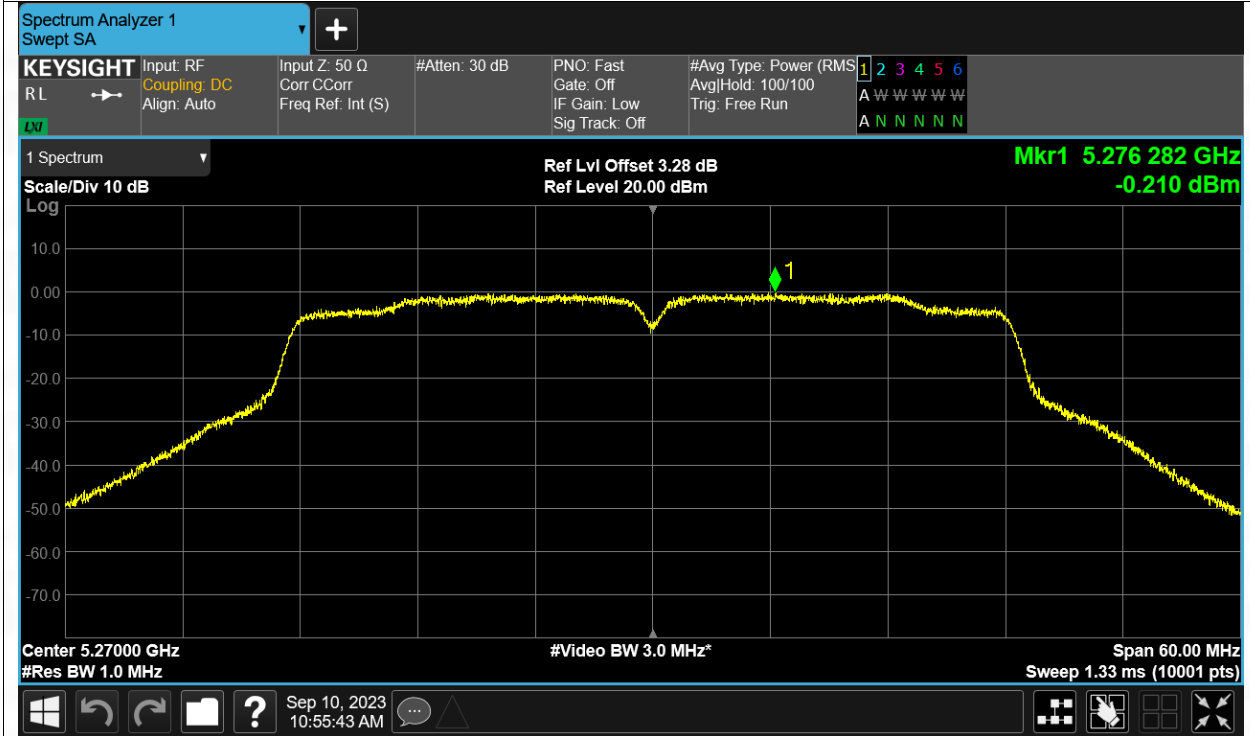
PSD NVNT n40 5190MHz Ant1



PSD NVNT n40 5230MHz Ant1

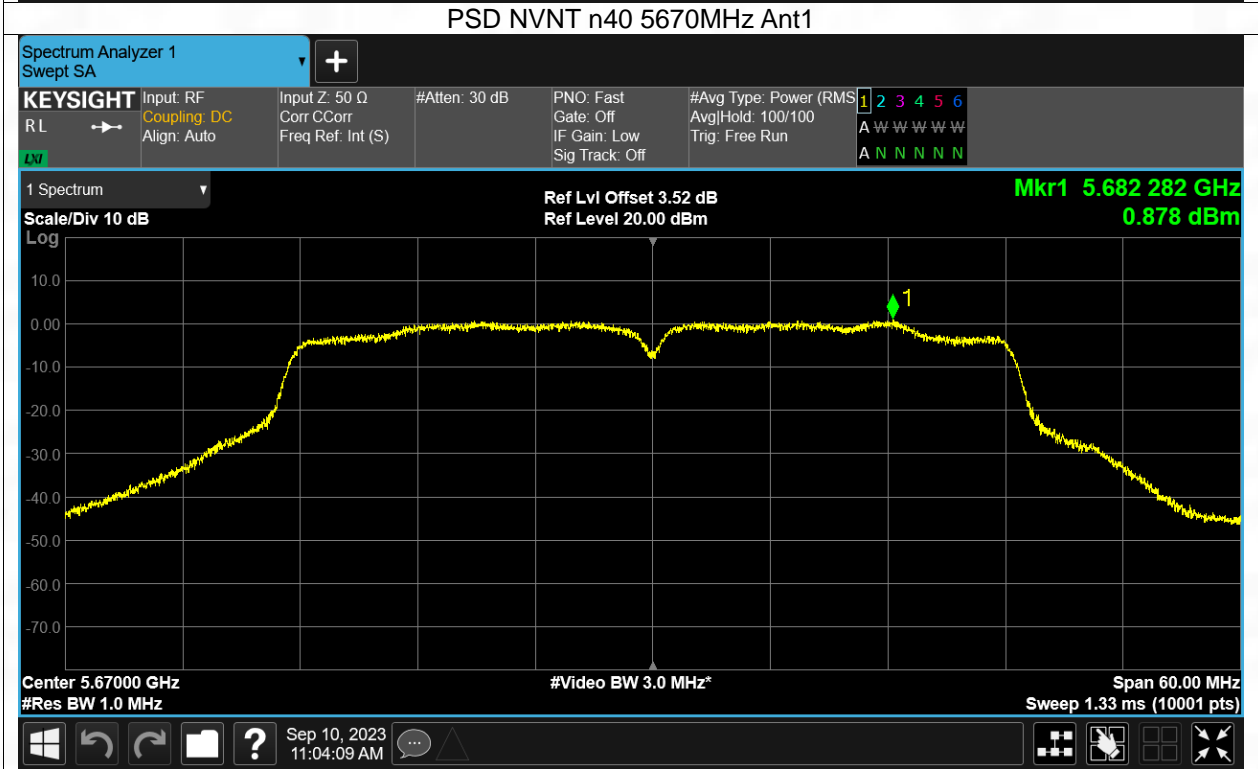
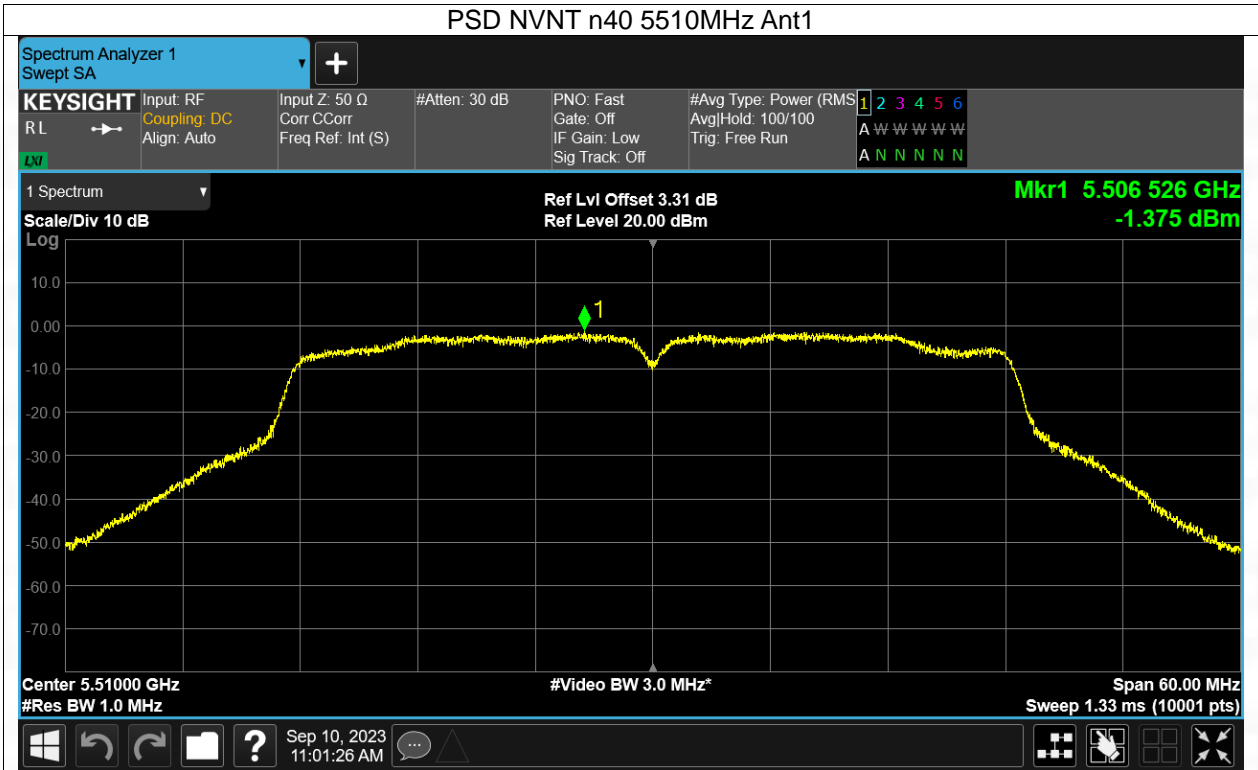


PSD NVNT n40 5270MHz Ant1

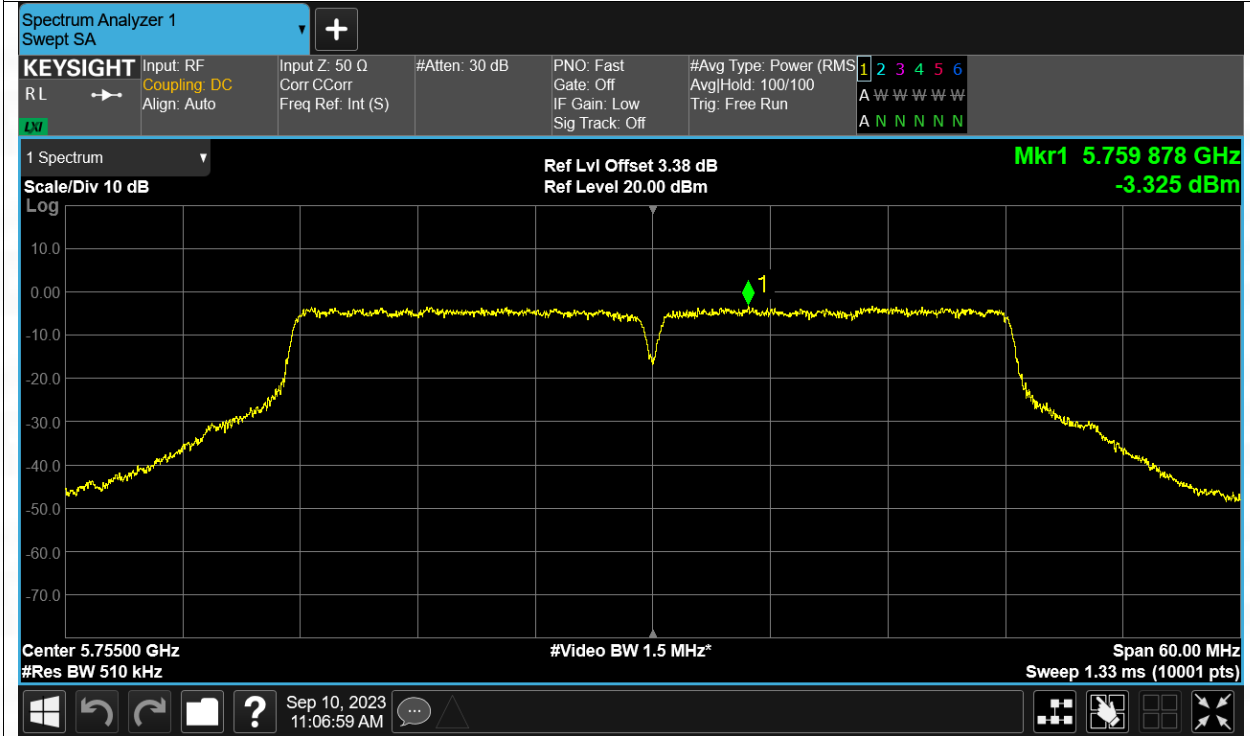


PSD NVNT n40 5310MHz Ant1

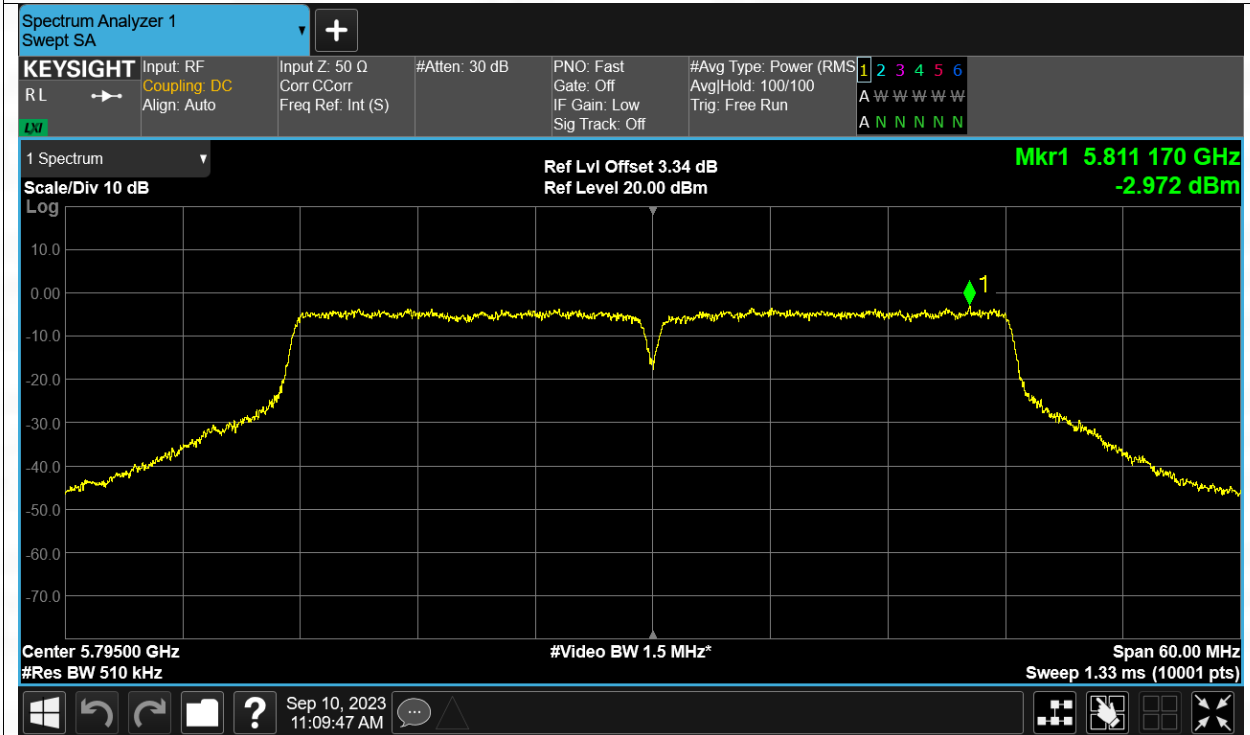




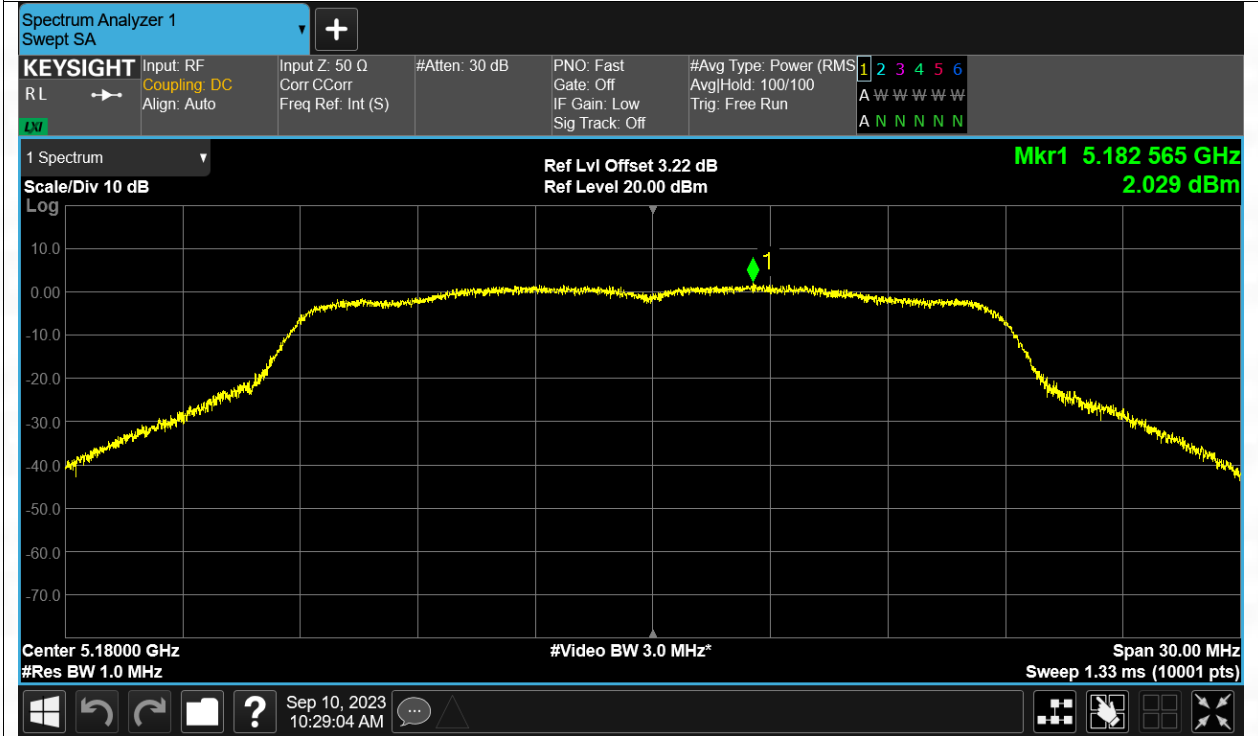
PSD NVNT n40 5755MHz Ant1



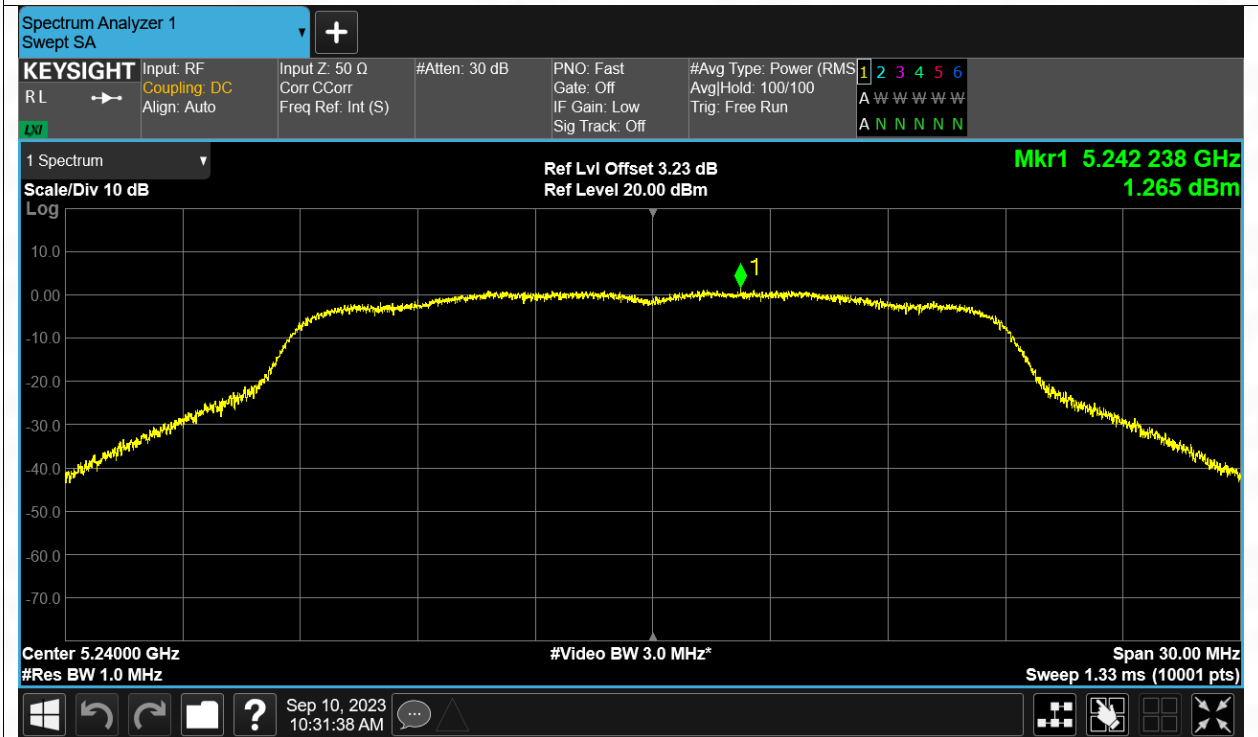
PSD NVNT n40 5795MHz Ant1



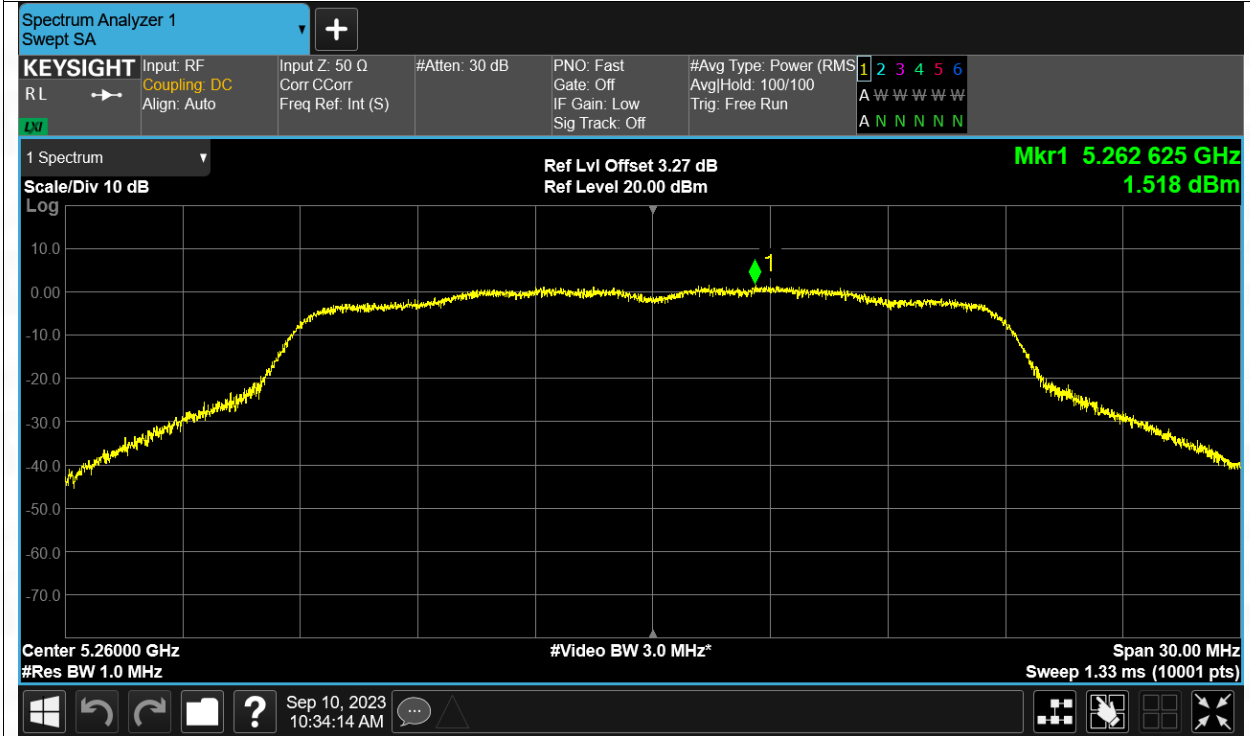
PSD NVNT ac20 5180MHz Ant1



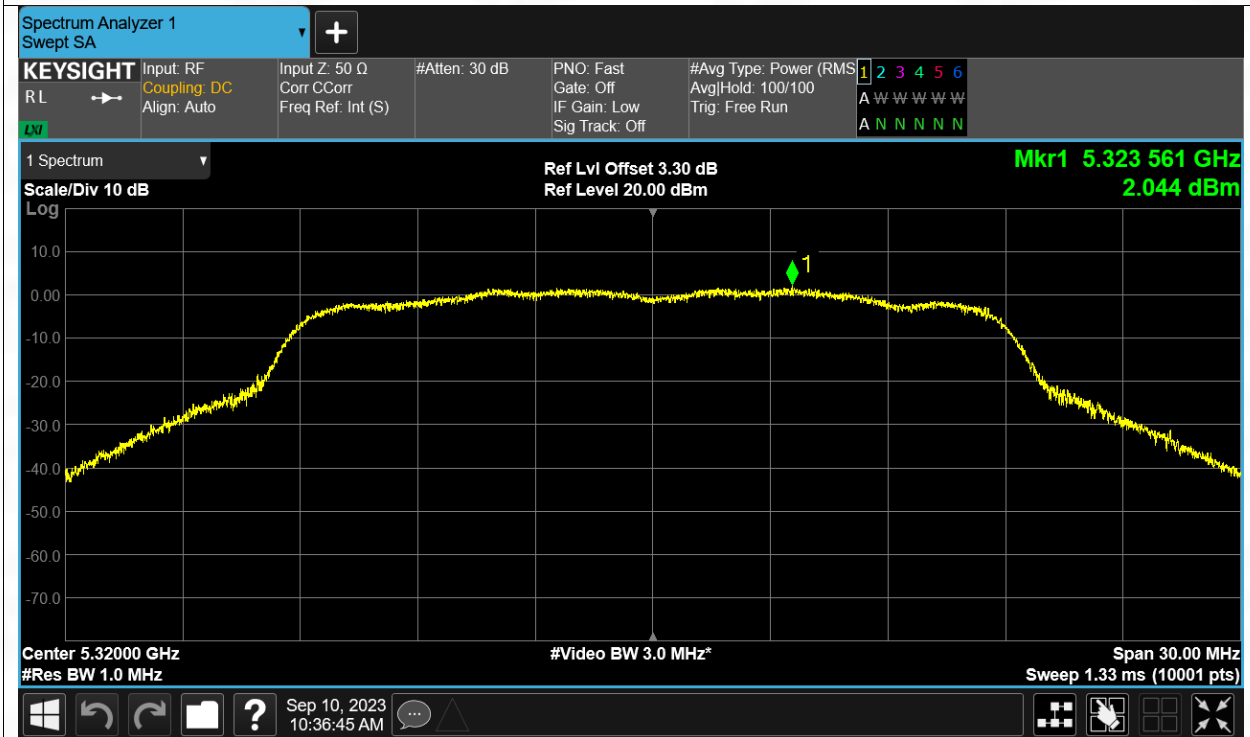
PSD NVNT ac20 5240MHz Ant1



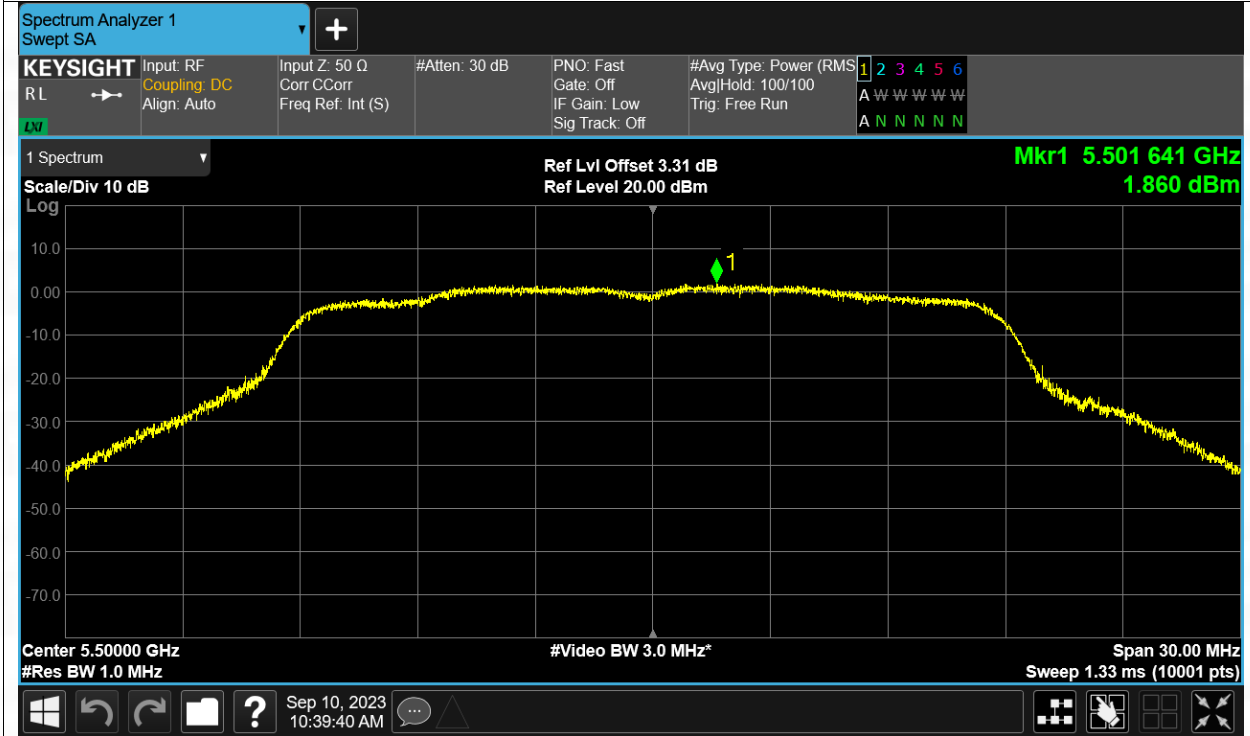
PSD NVNT ac20 5260MHz Ant1



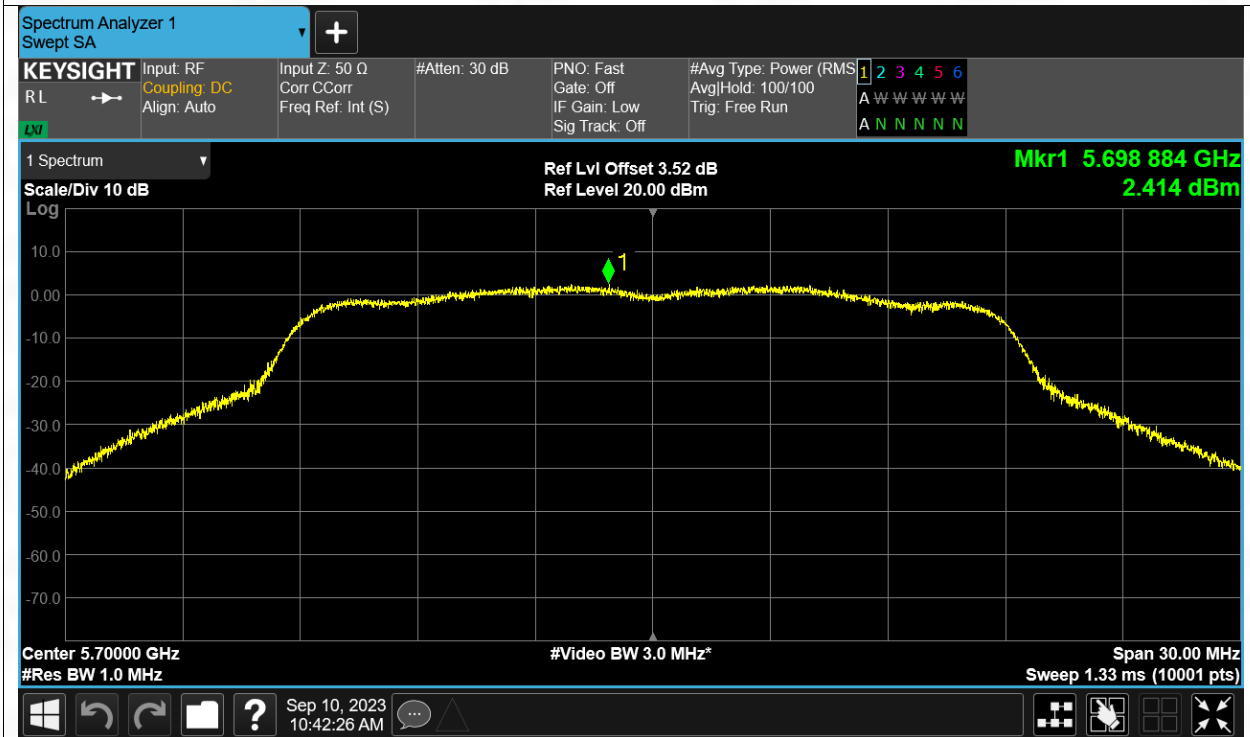
PSD NVNT ac20 5320MHz Ant1



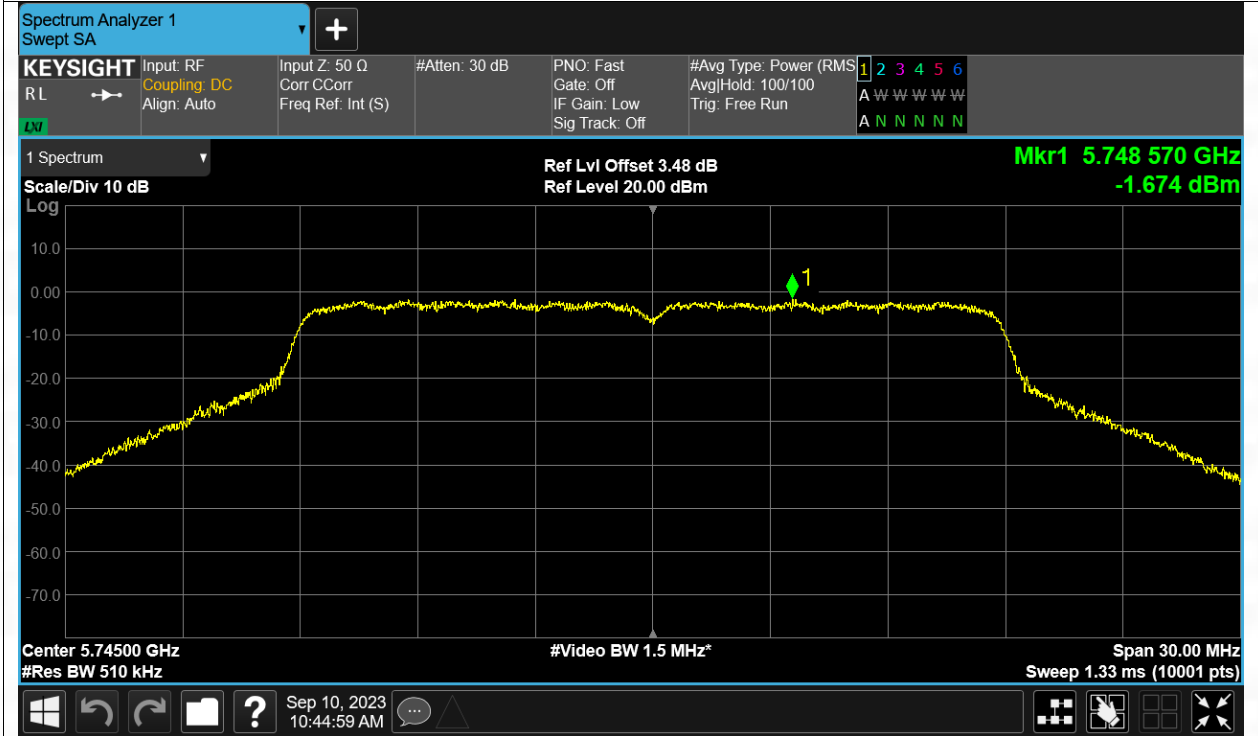
PSD NVNT ac20 5500MHz Ant1



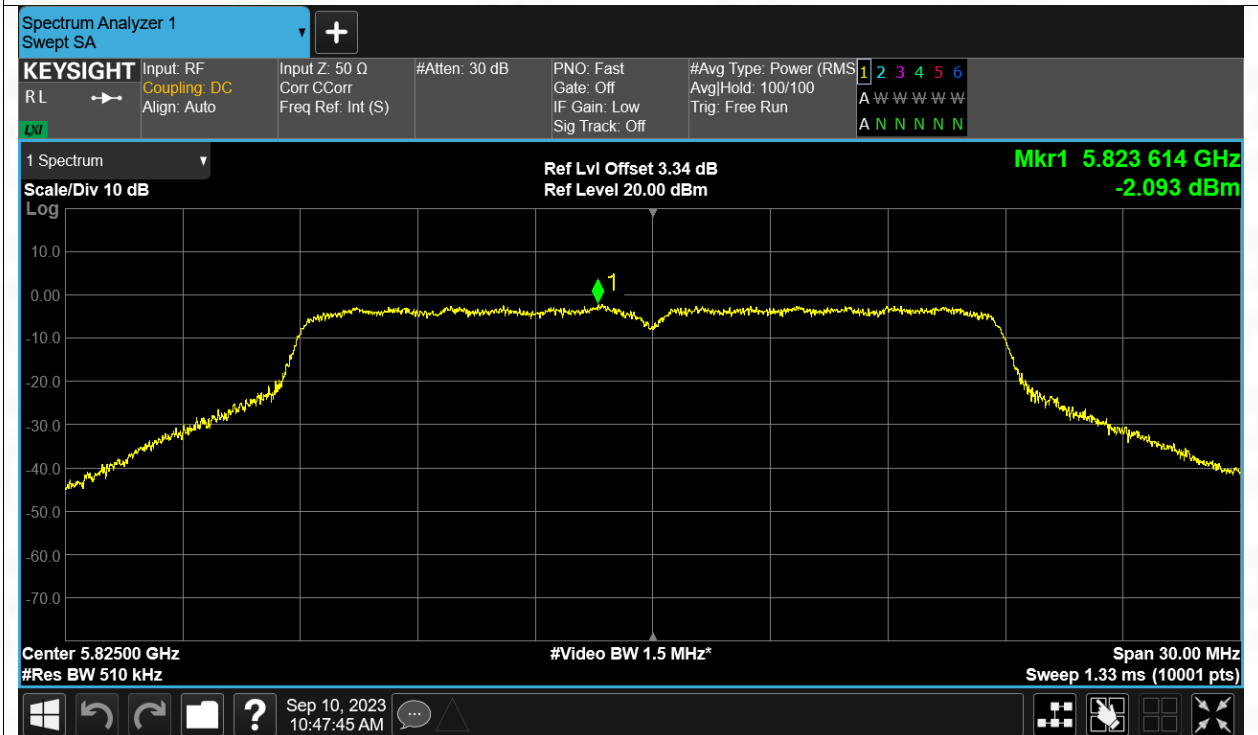
PSD NVNT ac20 5700MHz Ant1



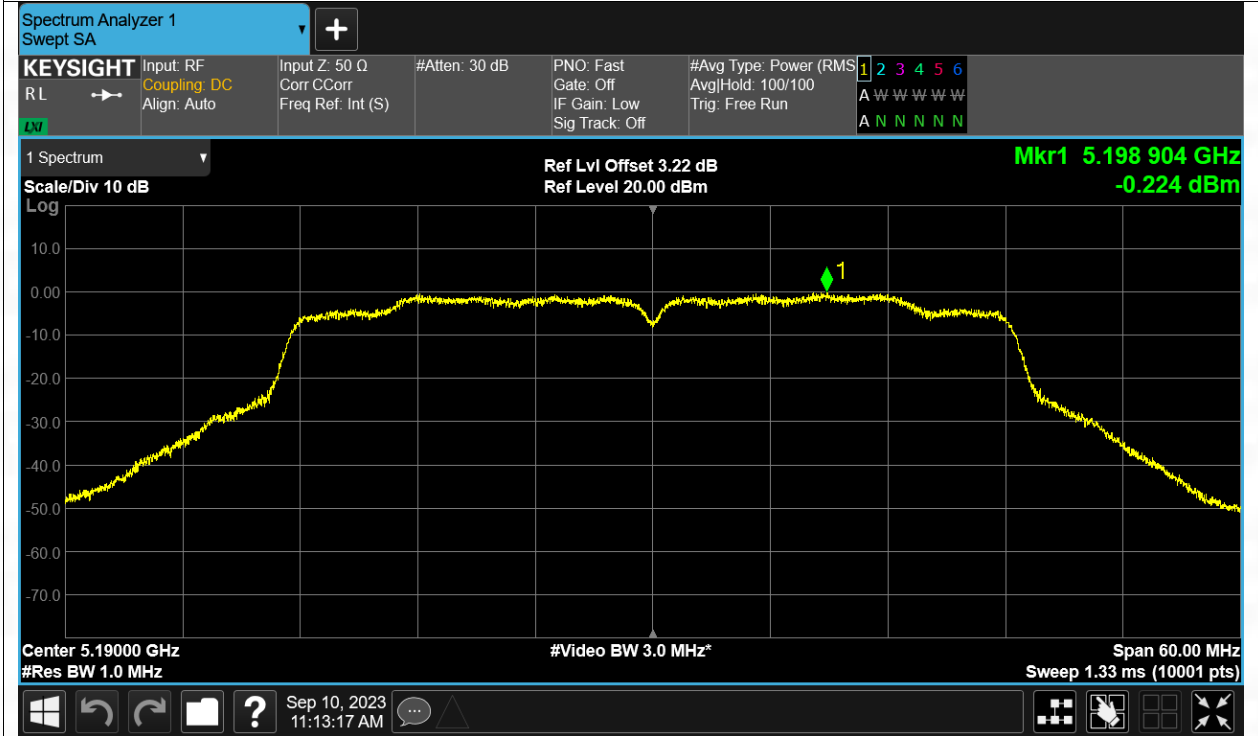
PSD NVNT ac20 5745MHz Ant1



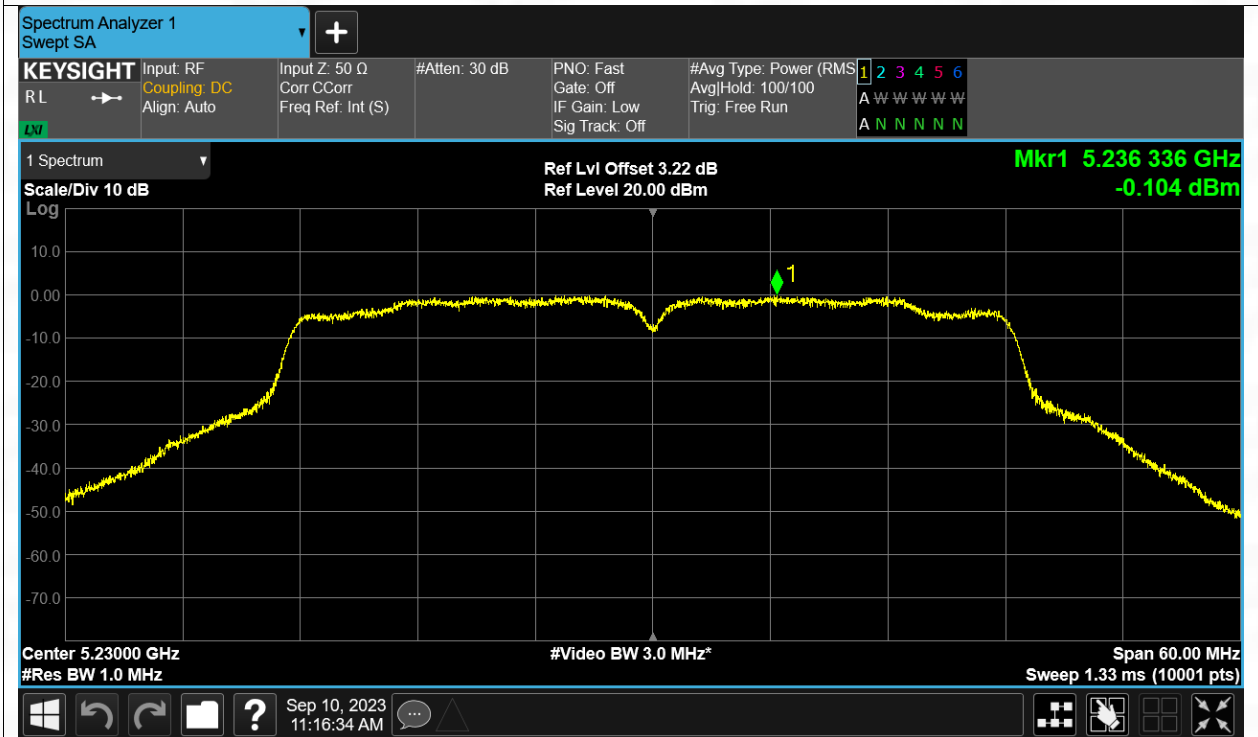
PSD NVNT ac20 5825MHz Ant1



PSD NVNT ac40 5190MHz Ant1



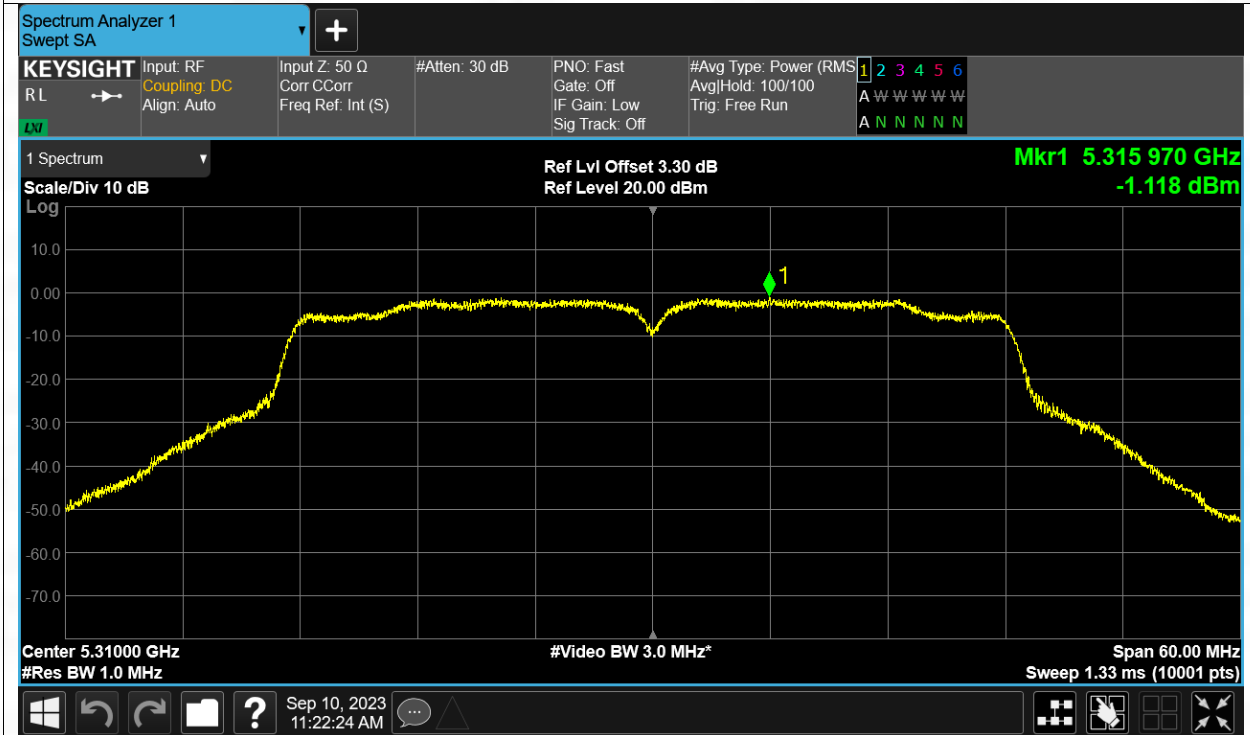
PSD NVNT ac40 5230MHz Ant1



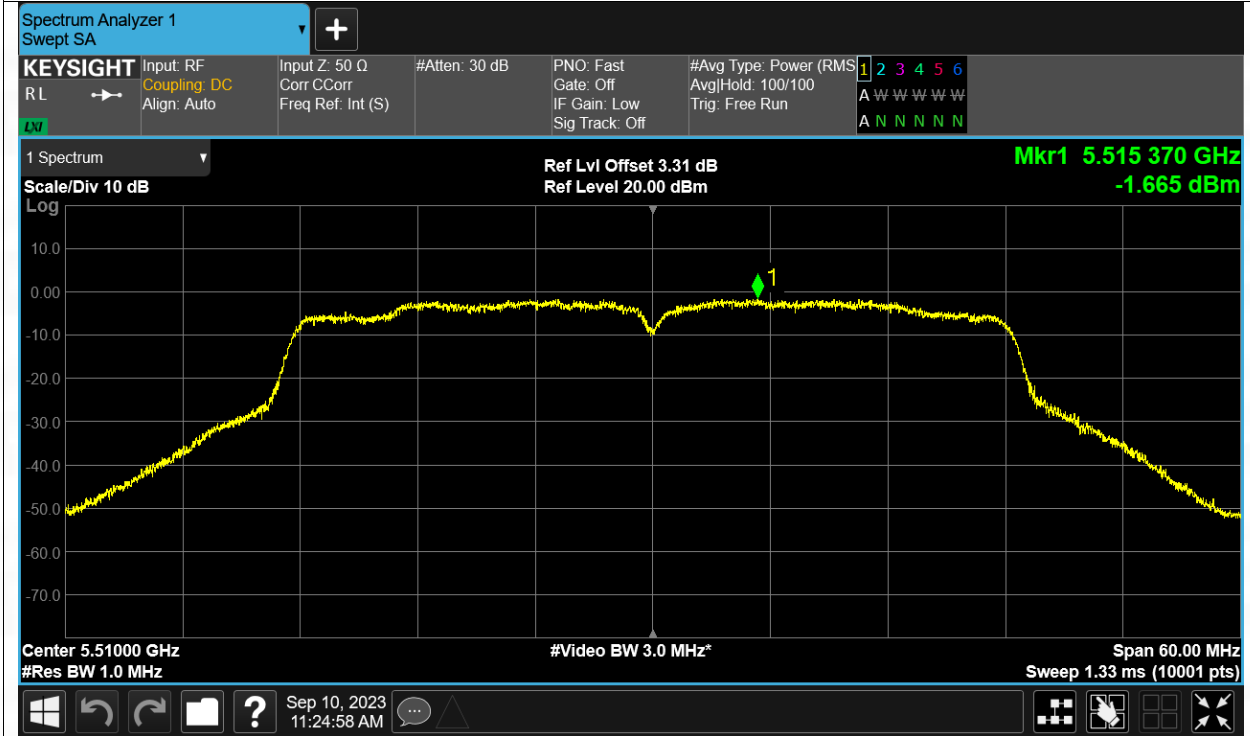
PSD NVNT ac40 5270MHz Ant1



PSD NVNT ac40 5310MHz Ant1



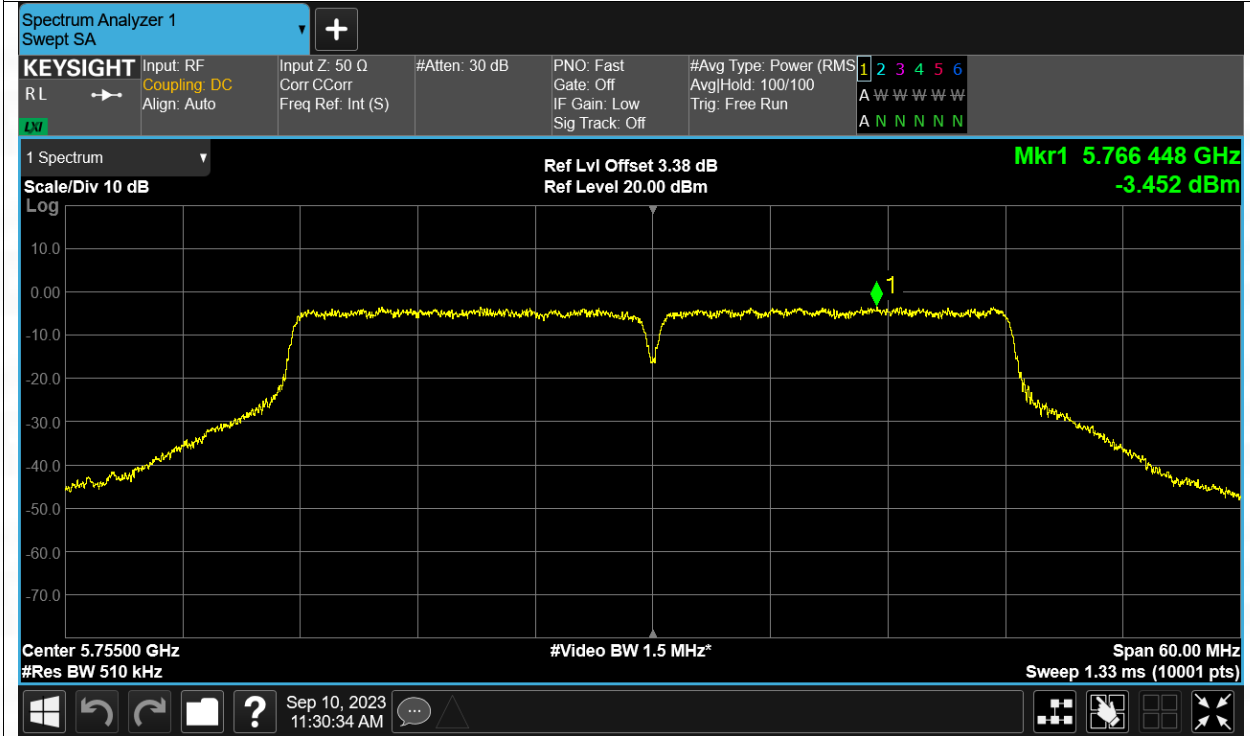
PSD NVNT ac40 5510MHz Ant1



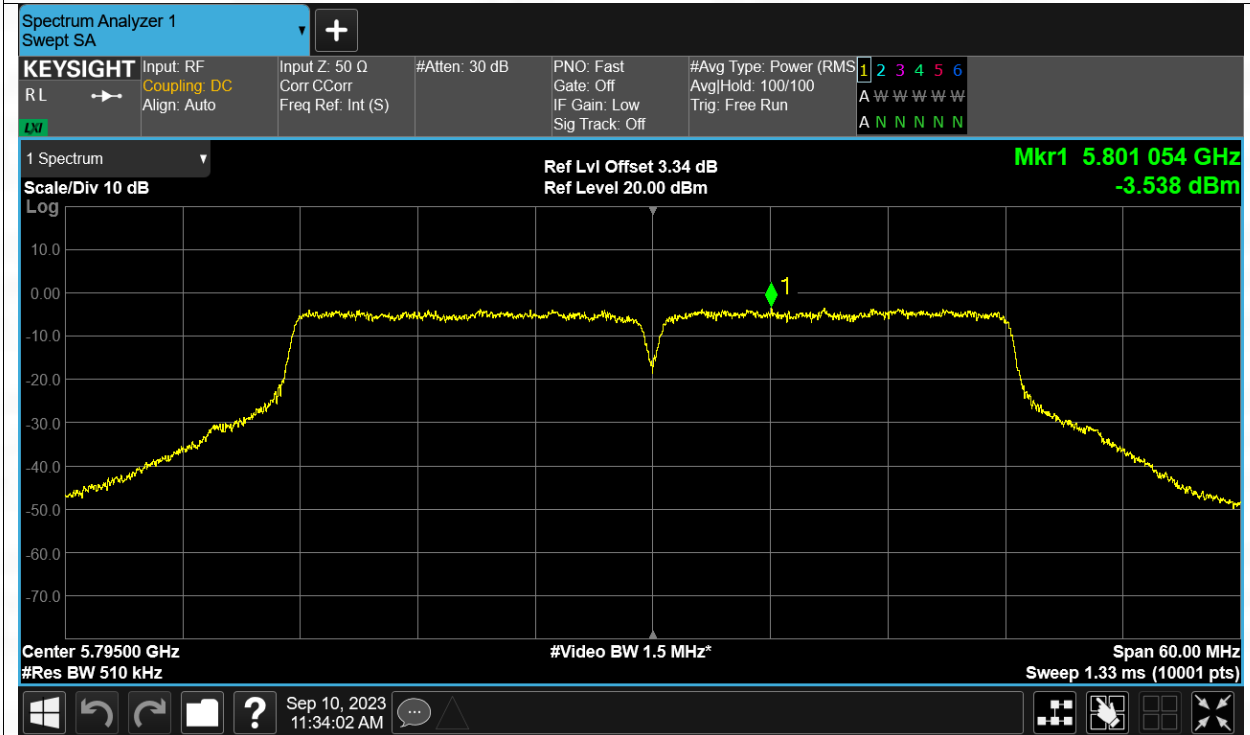
PSD NVNT ac40 5670MHz Ant1



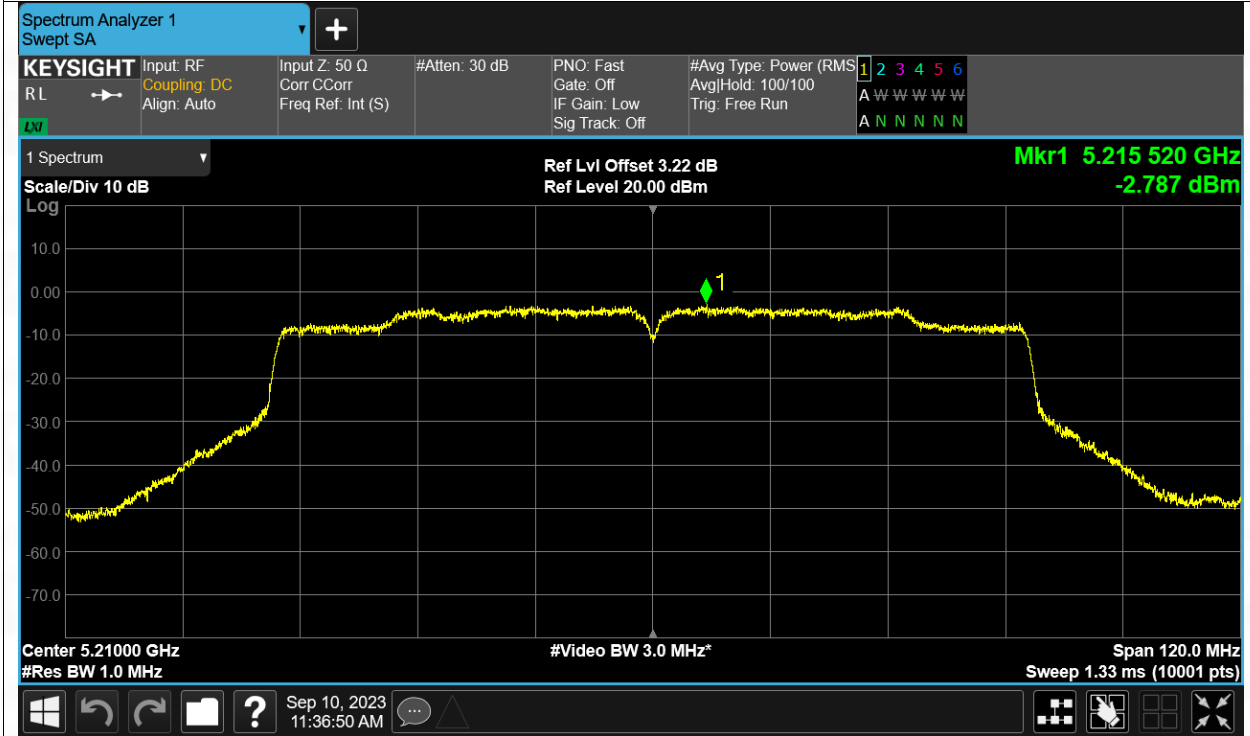
PSD NVNT ac40 5755MHz Ant1



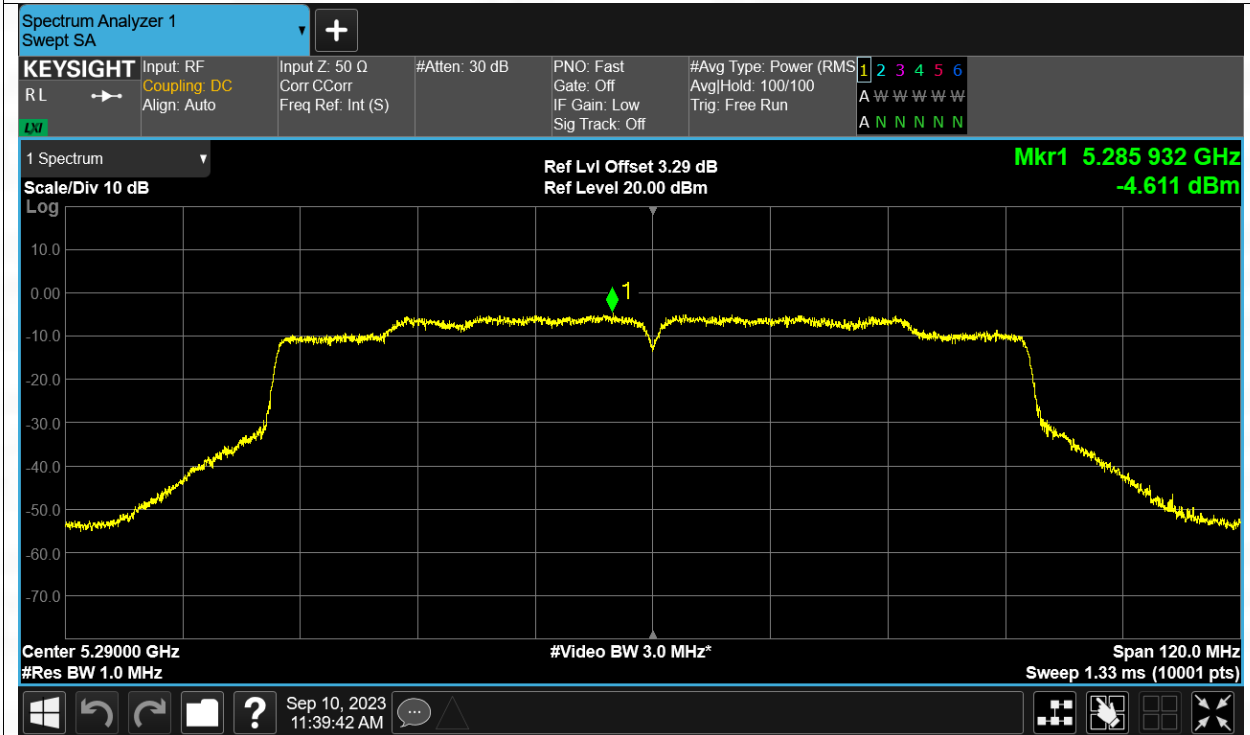
PSD NVNT ac40 5795MHz Ant1



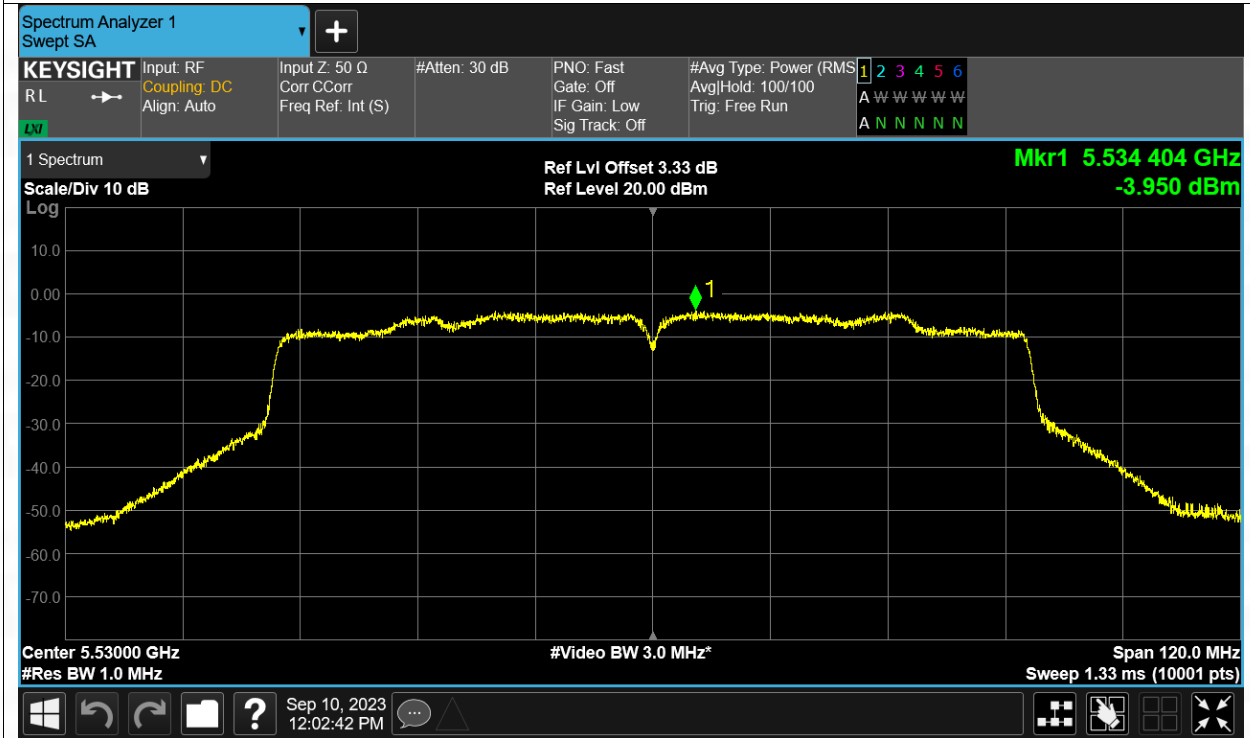
PSD NVNT ac80 5210MHz Ant1



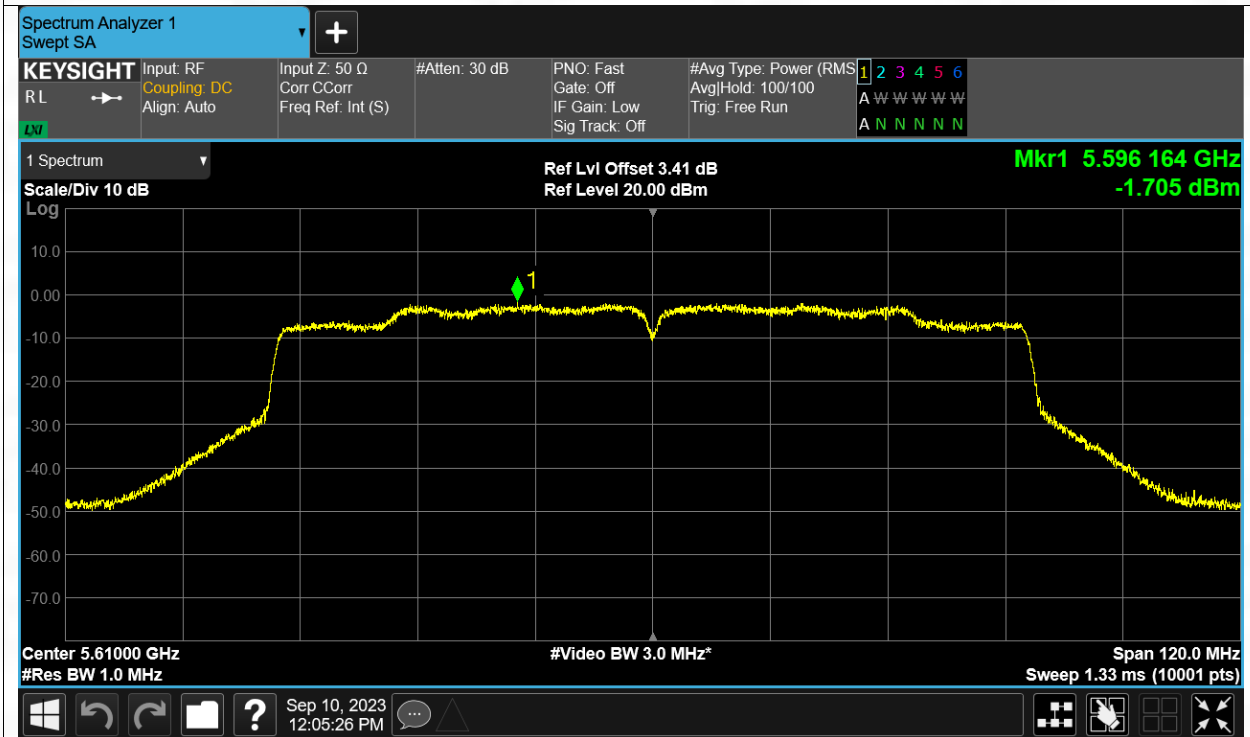
PSD NVNT ac80 5290MHz Ant1



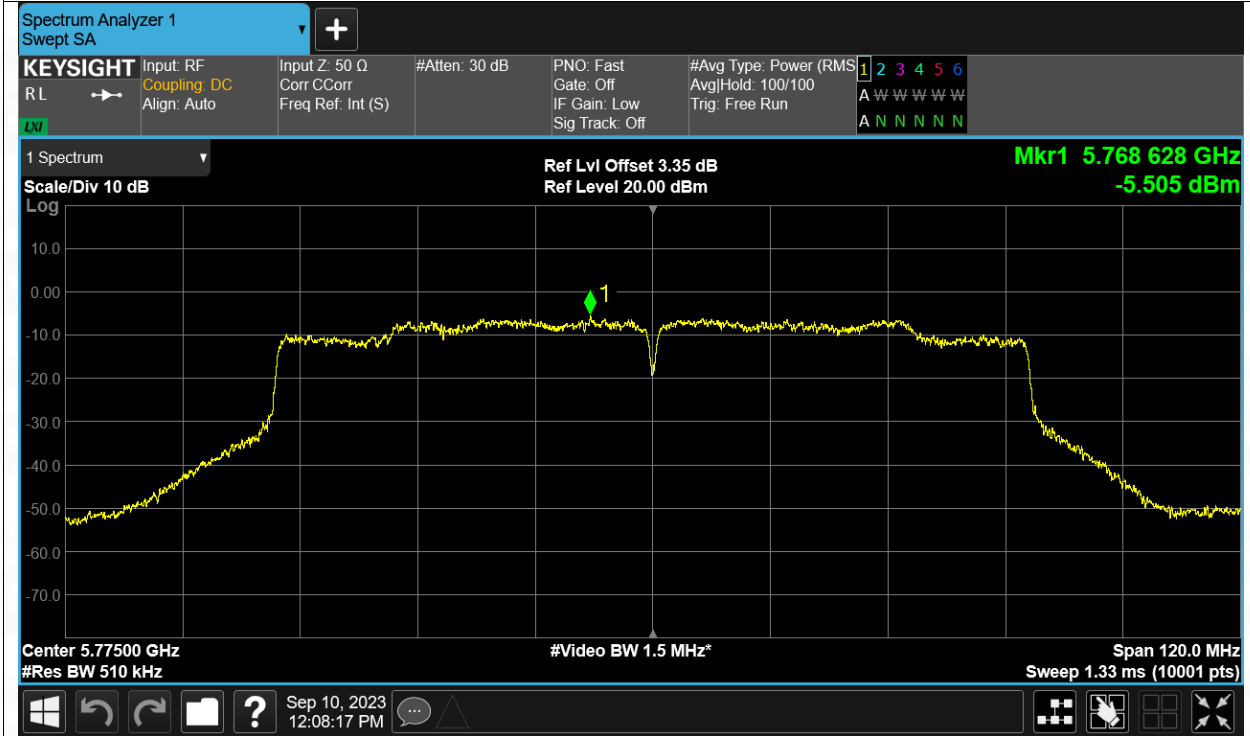
PSD NVNT ac80 5530MHz Ant1



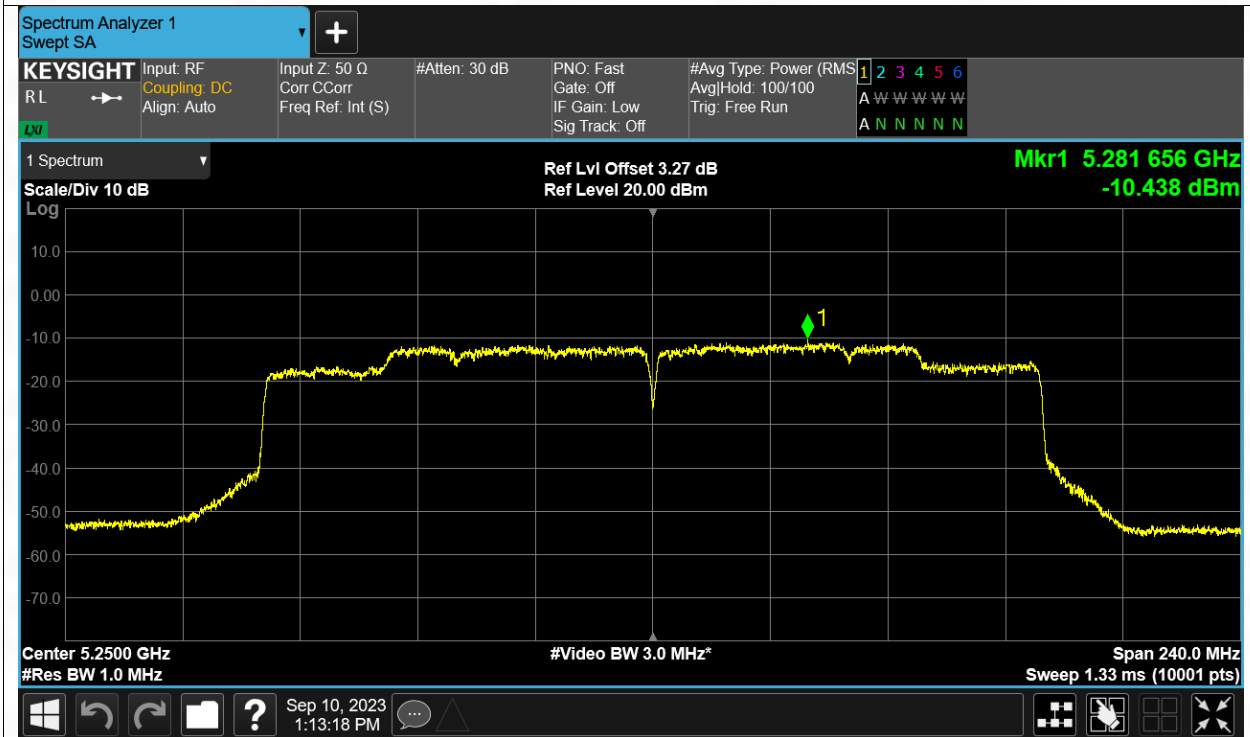
PSD NVNT ac80 5610MHz Ant1



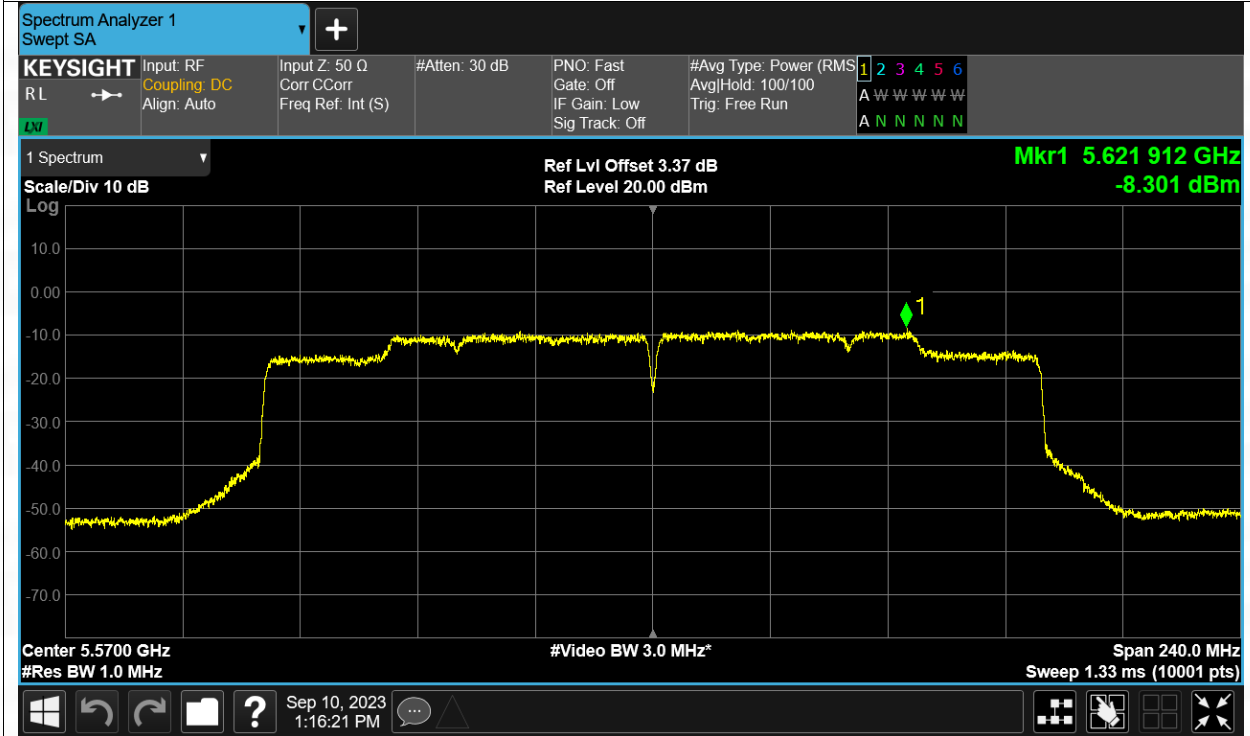
PSD NVNT ac80 5775MHz Ant1



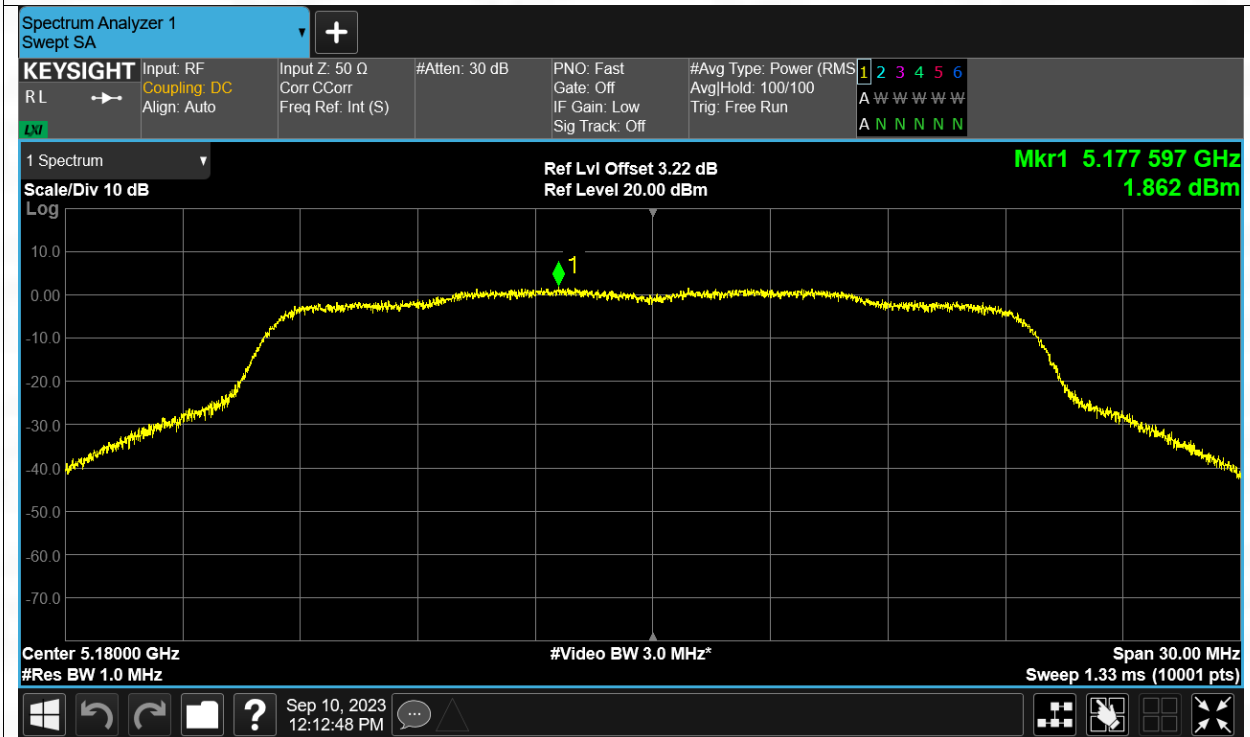
PSD NVNT ax160 5250MHz Ant1



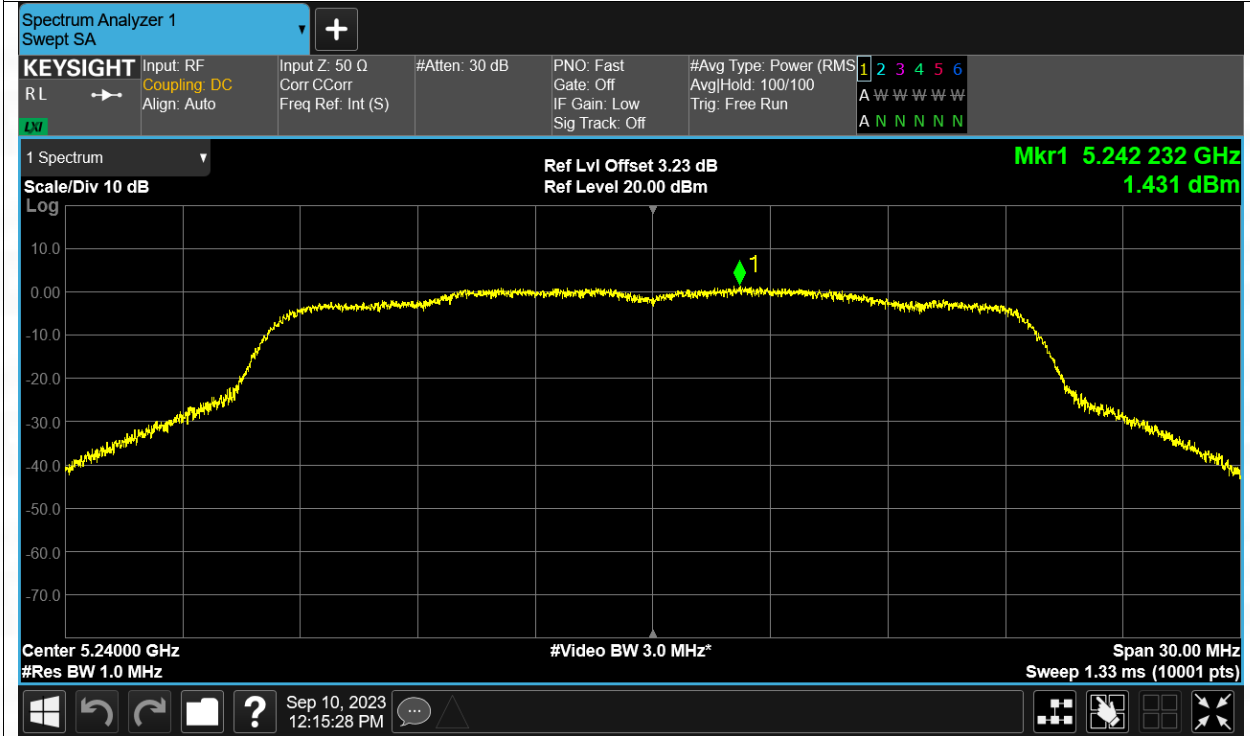
PSD NVNT ax160 5570MHz Ant1



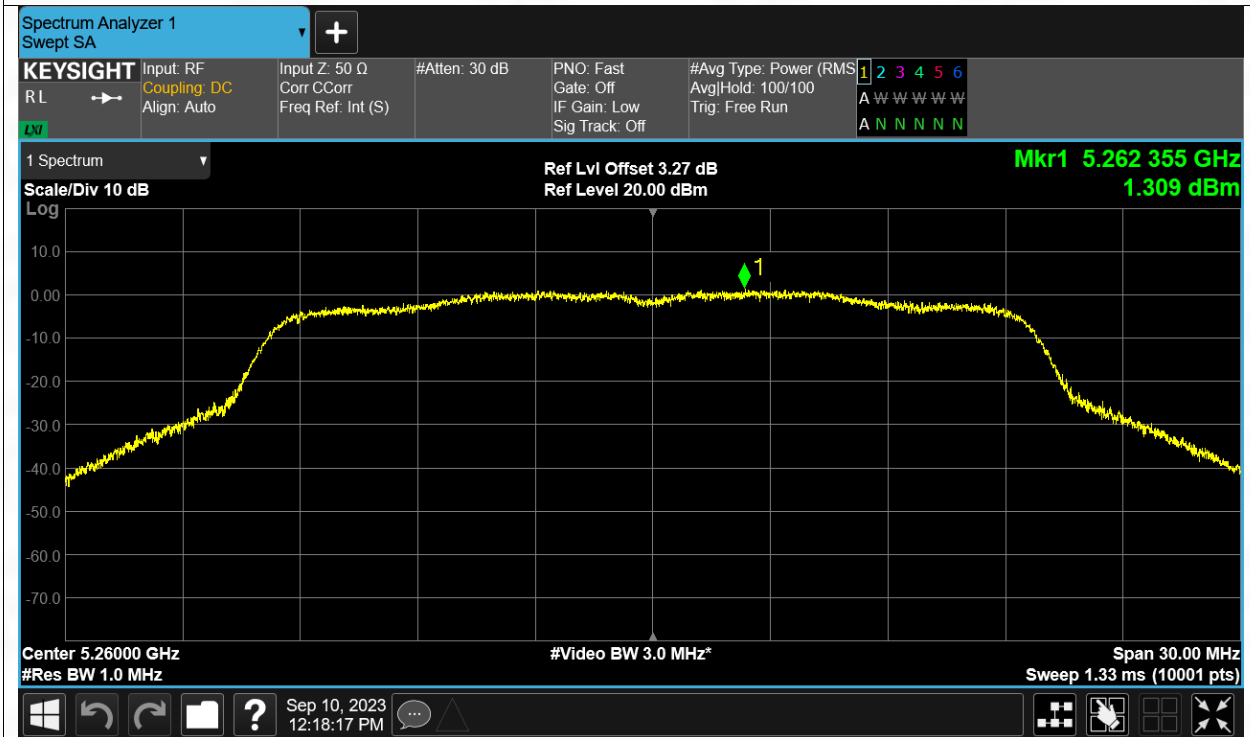
PSD NVNT ax20 5180MHz Ant1



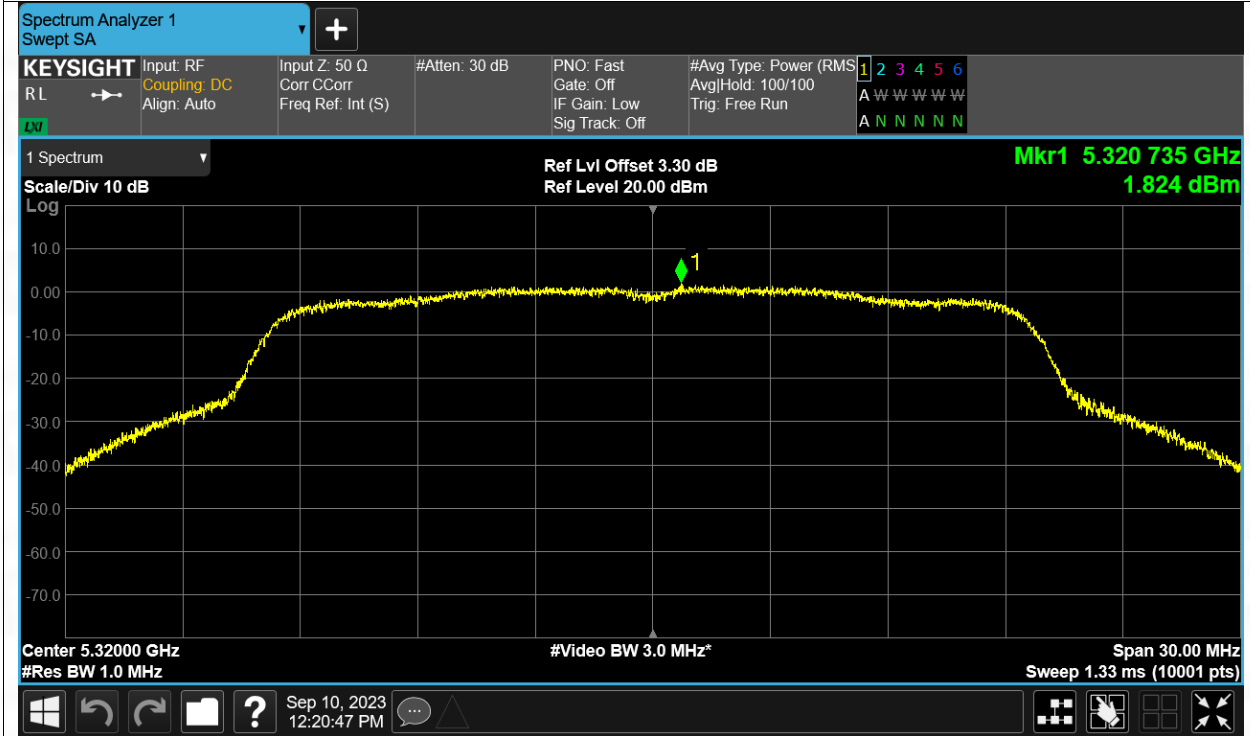
PSD NVNT ax20 5240MHz Ant1



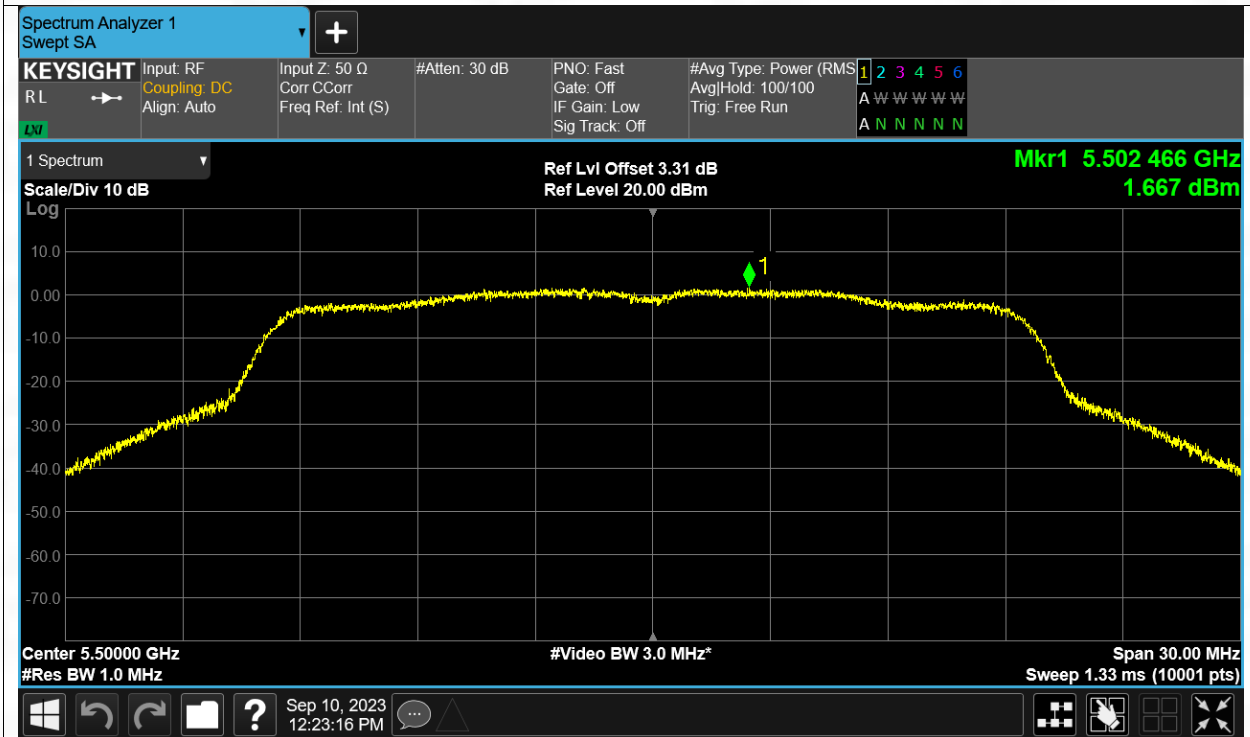
PSD NVNT ax20 5260MHz Ant1



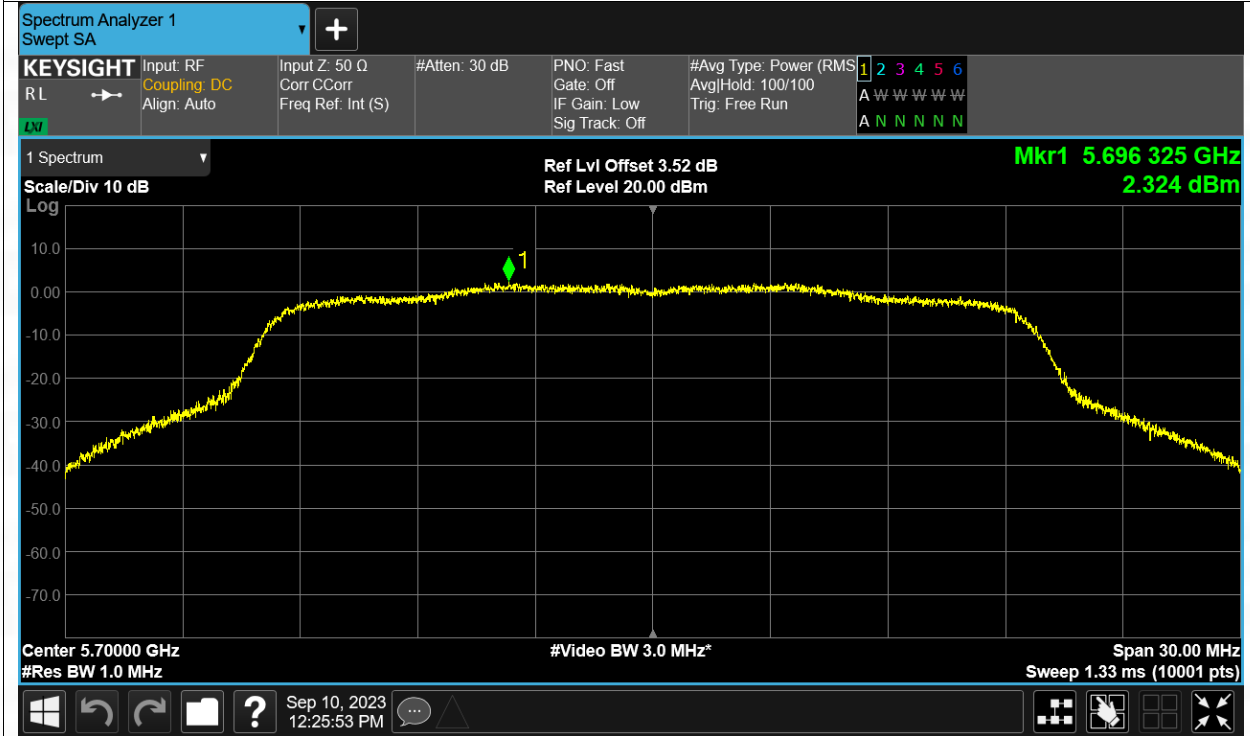
PSD NVNT ax20 5320MHz Ant1



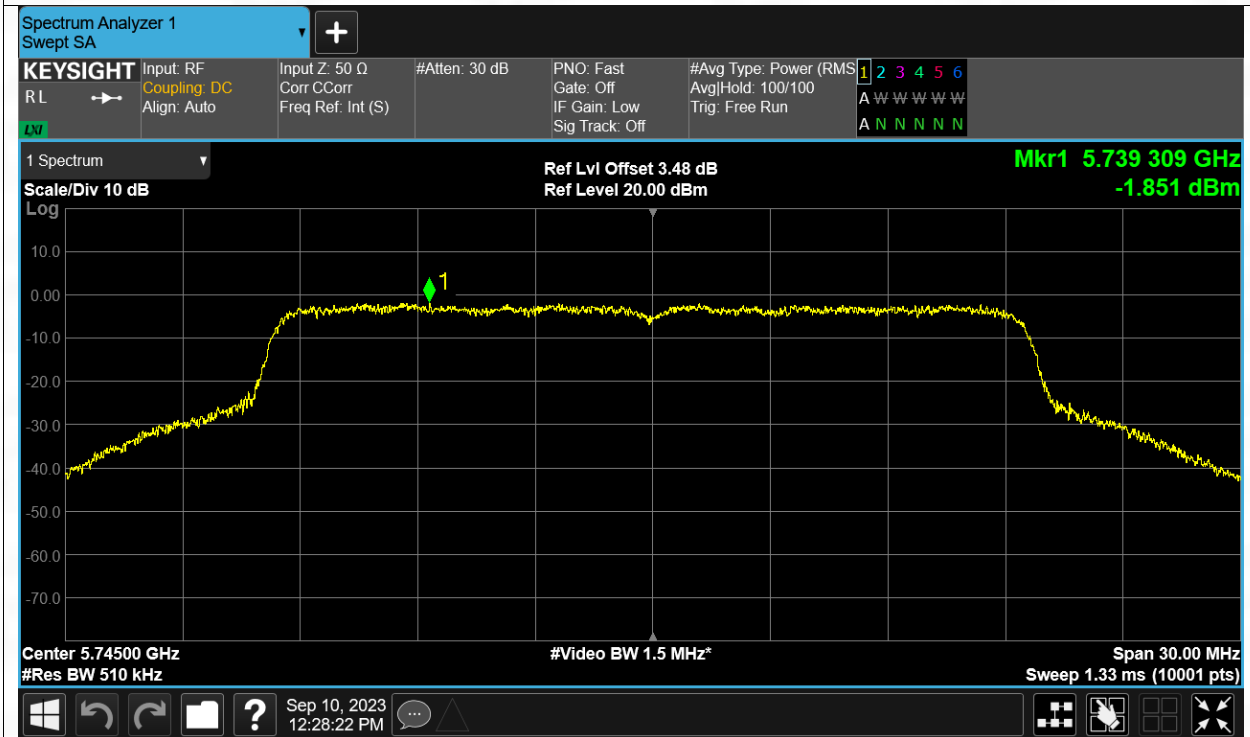
PSD NVNT ax20 5500MHz Ant1



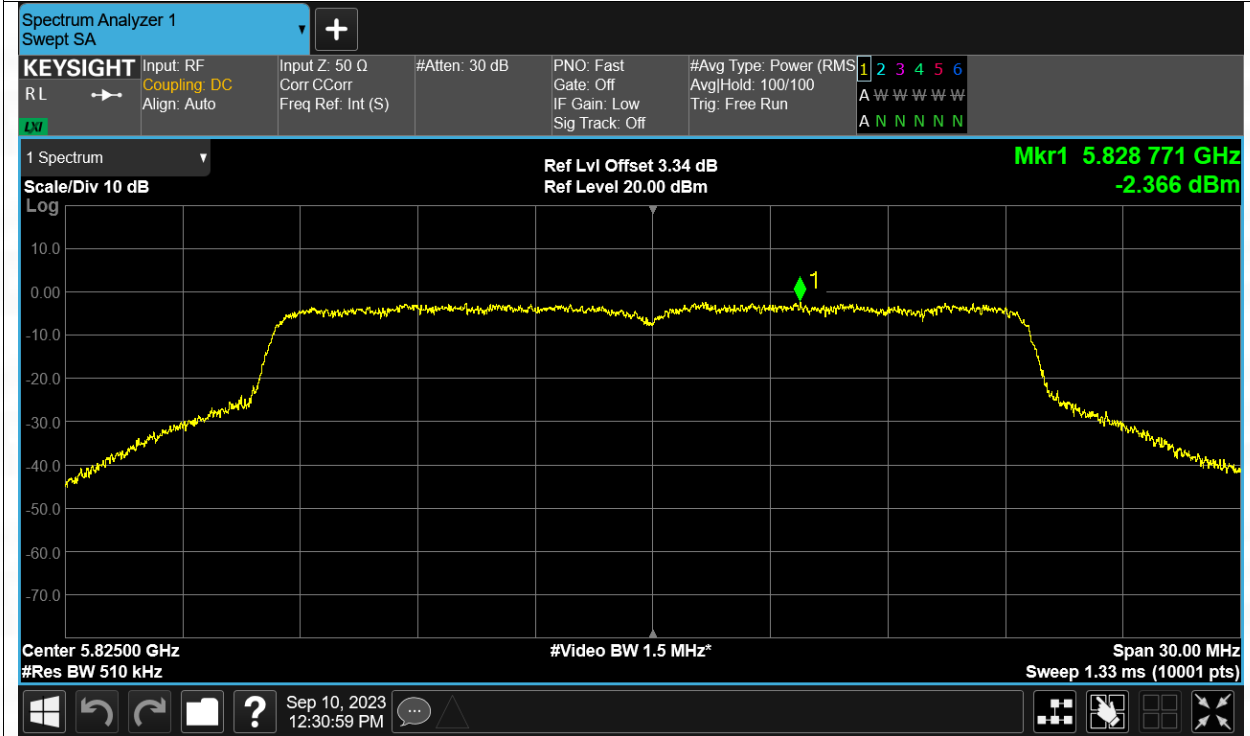
PSD NVNT ax20 5700MHz Ant1



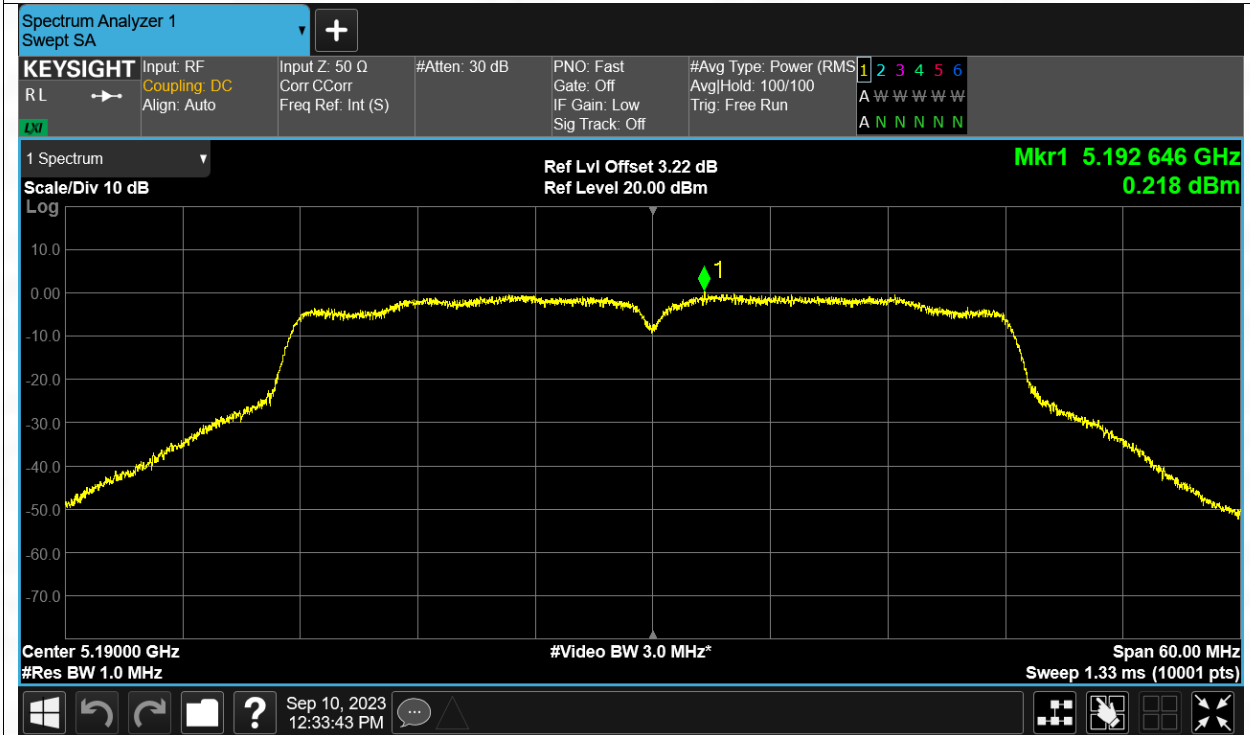
PSD NVNT ax20 5745MHz Ant1

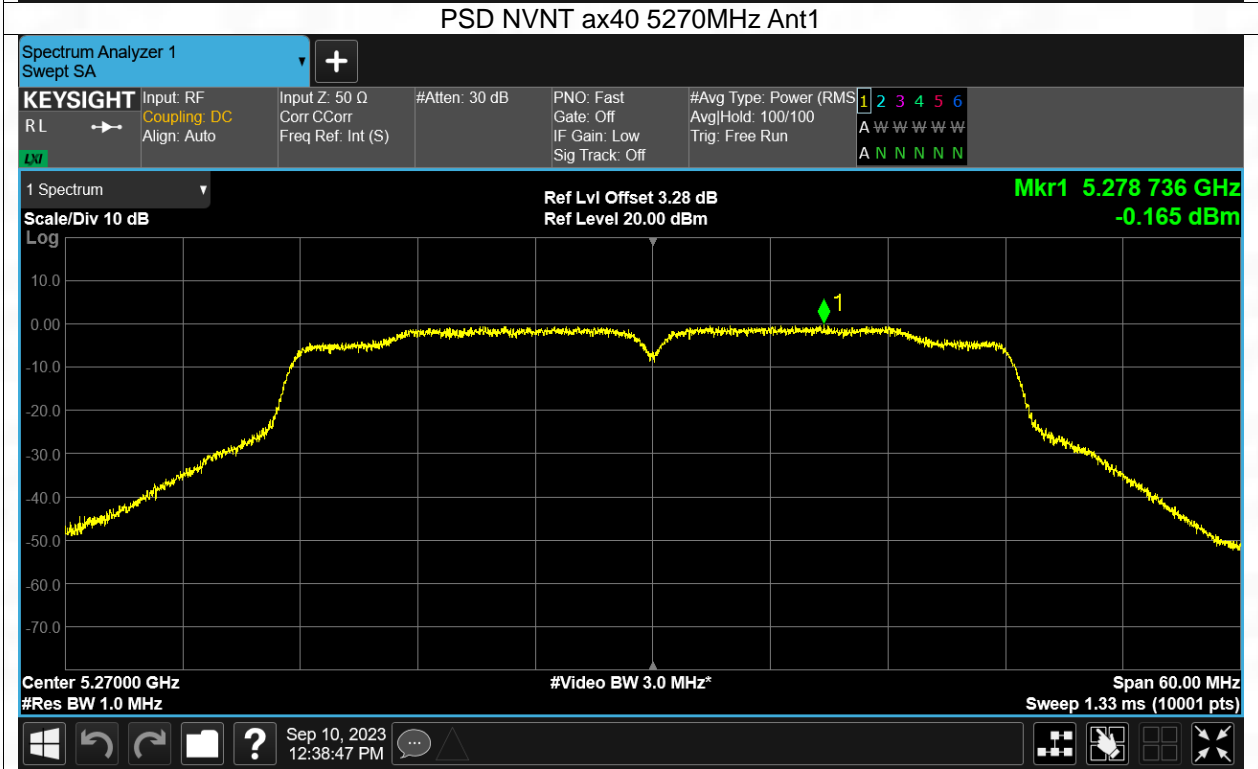
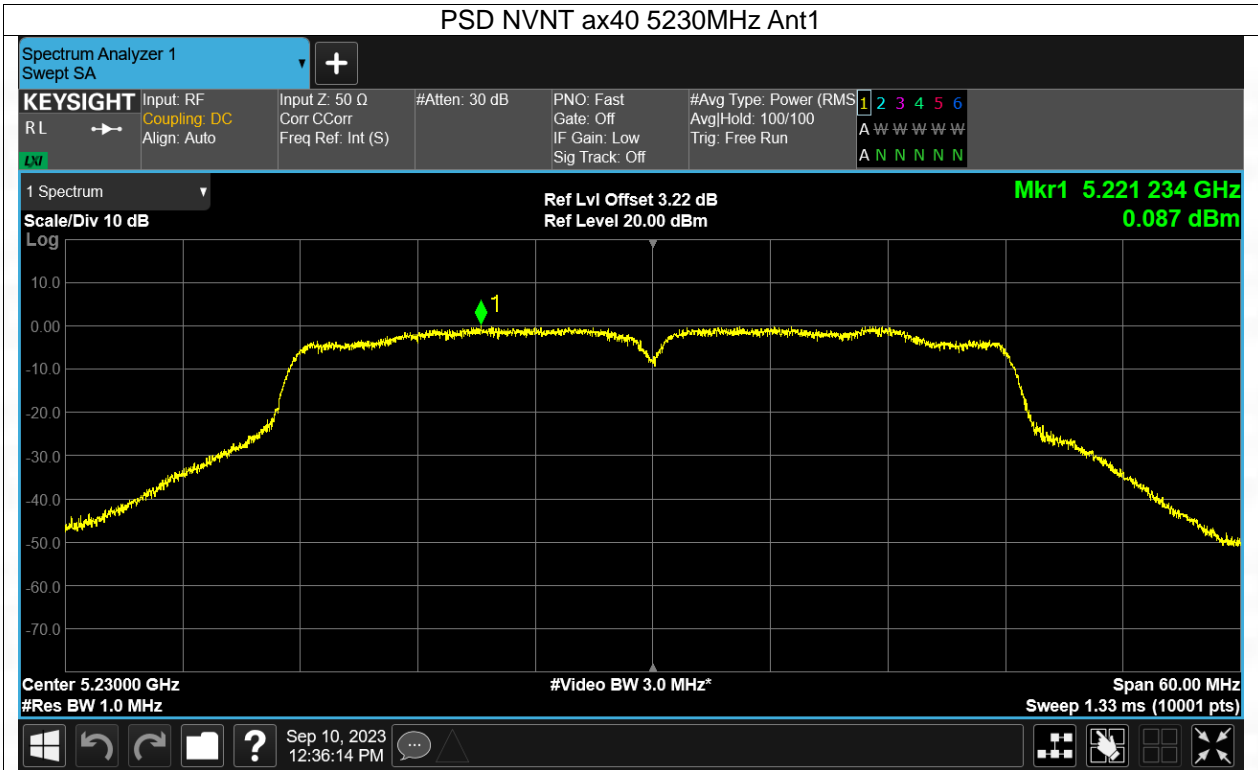


PSD NVNT ax20 5825MHz Ant1

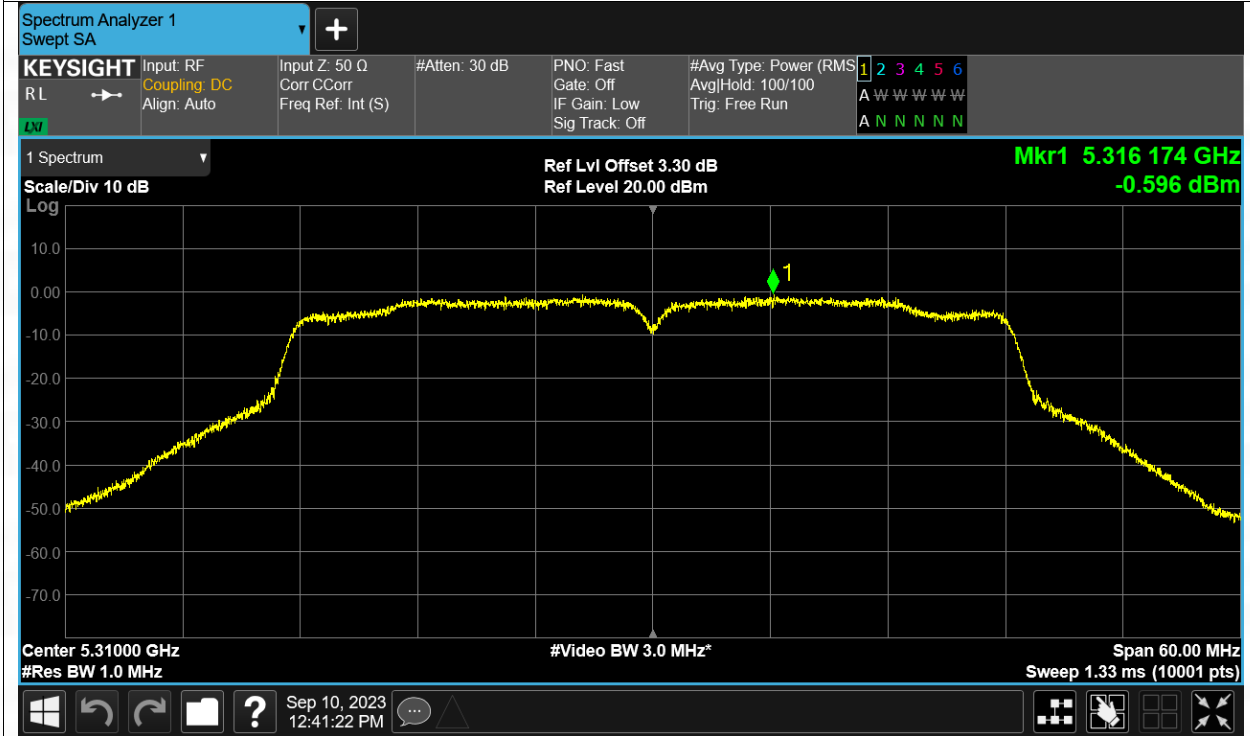


PSD NVNT ax40 5190MHz Ant1

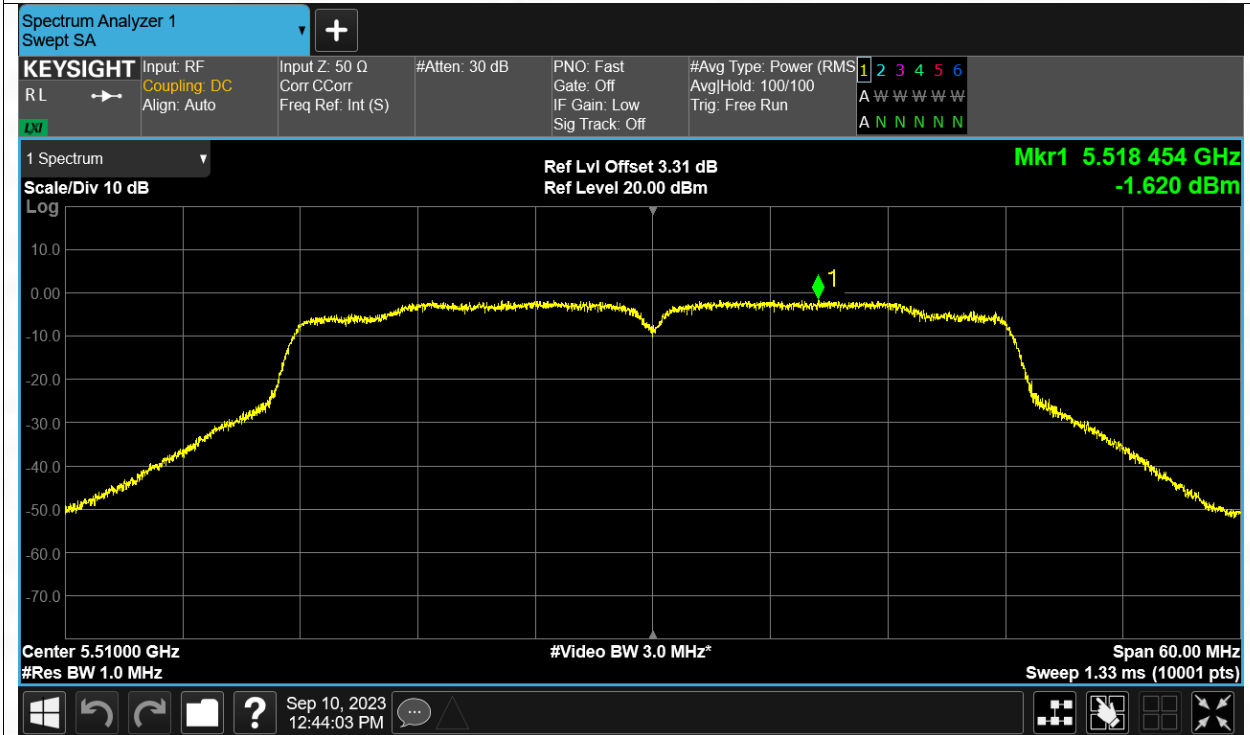




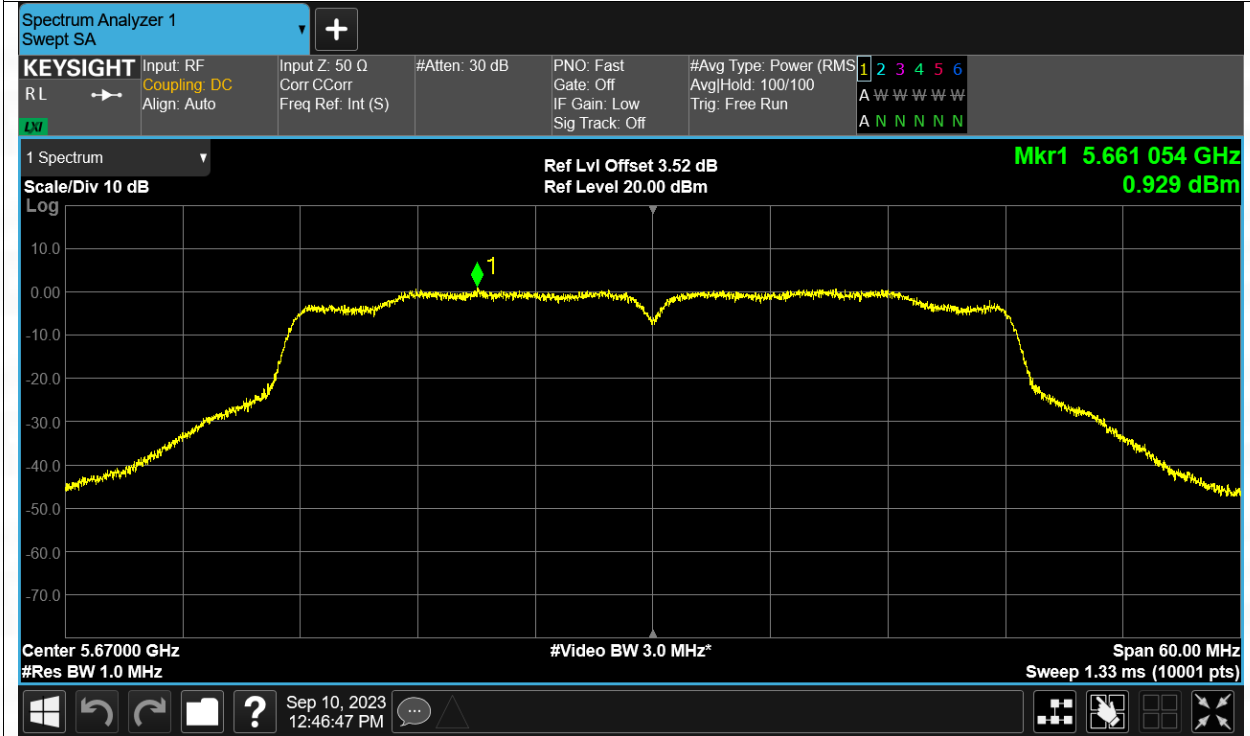
PSD NVNT ax40 5310MHz Ant1



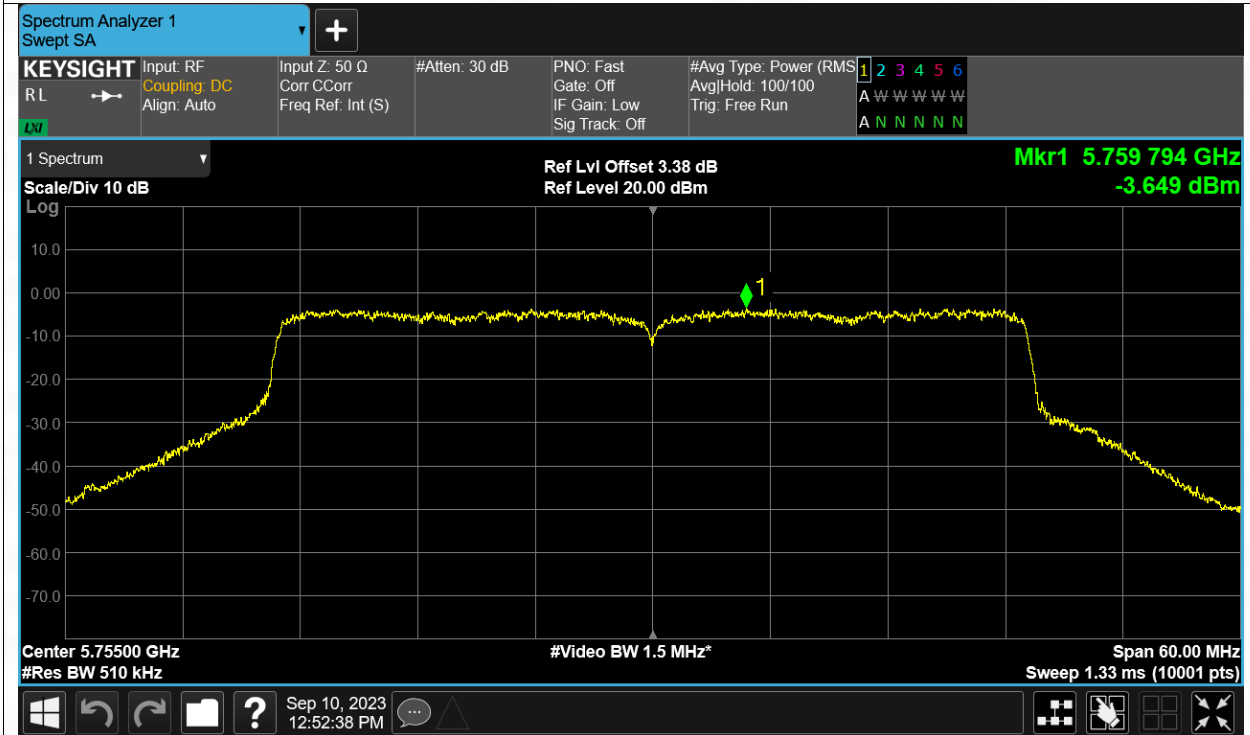
PSD NVNT ax40 5510MHz Ant1



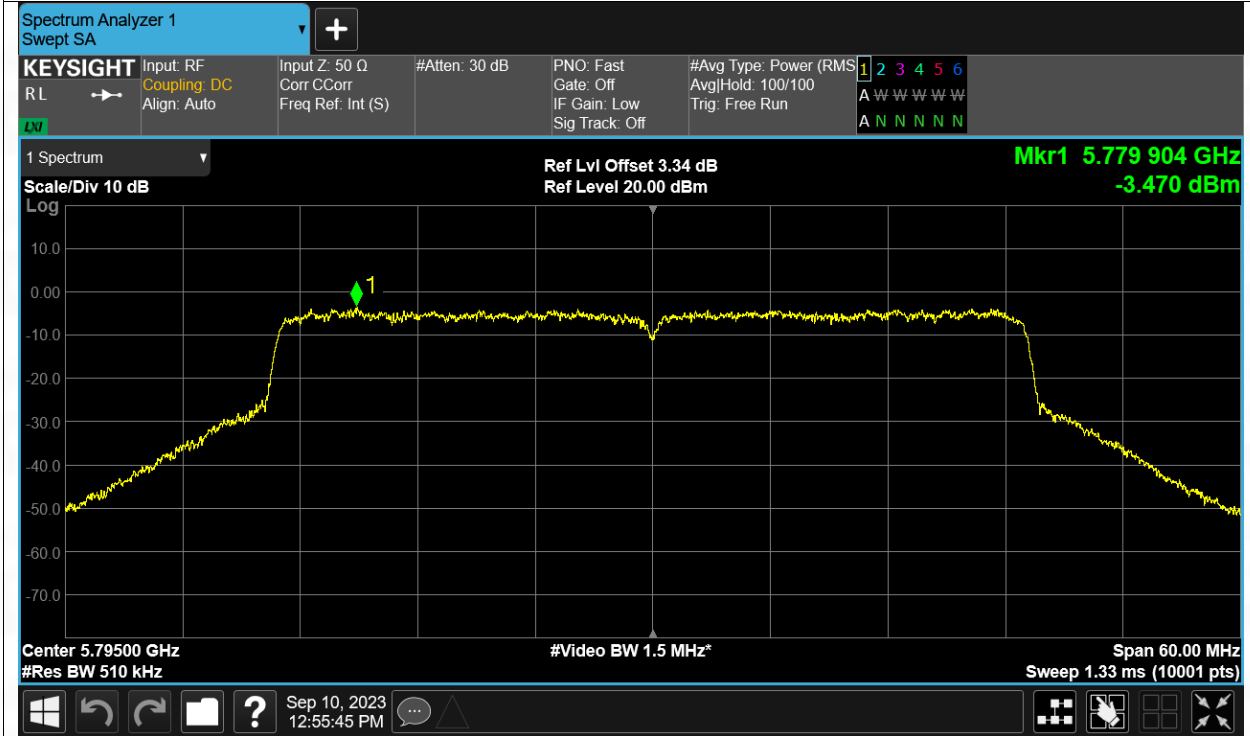
PSD NVNT ax40 5670MHz Ant1



PSD NVNT ax40 5755MHz Ant1



PSD NVNT ax40 5795MHz Ant1



PSD NVNT ax80 5210MHz Ant1

