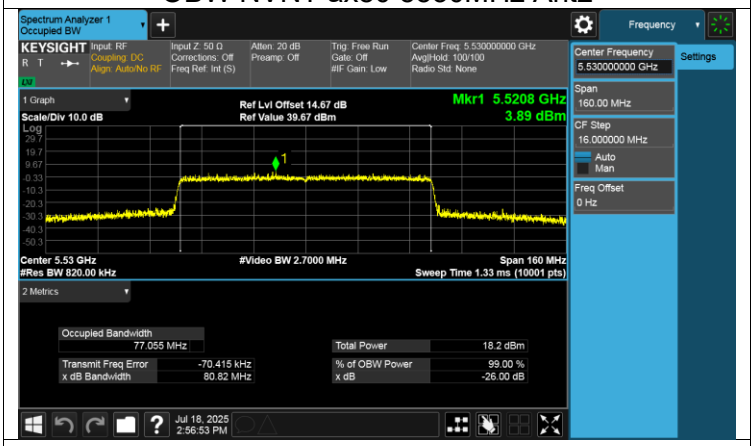
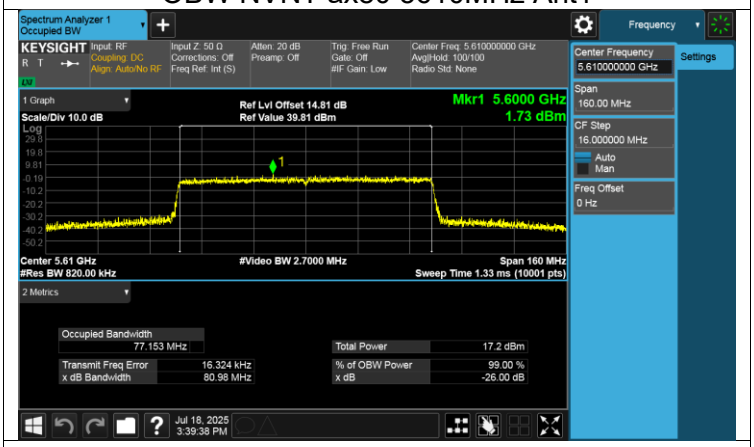
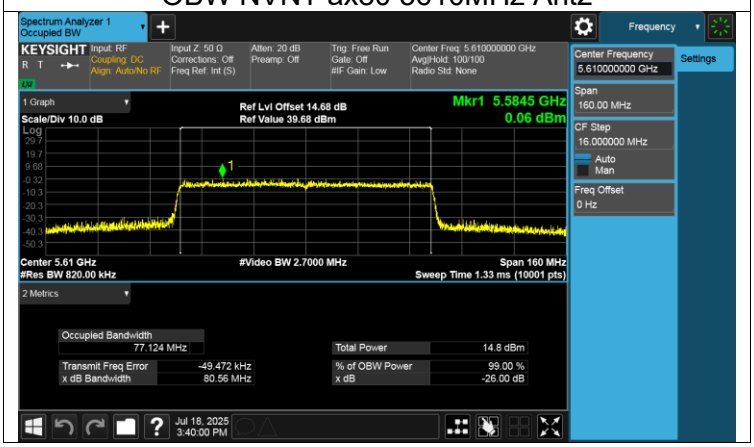
OBW NVNT ax80 5530MHz Ant2



OBW NVNT ax80 5610MHz Ant1



OBW NVNT ax80 5610MHz Ant2



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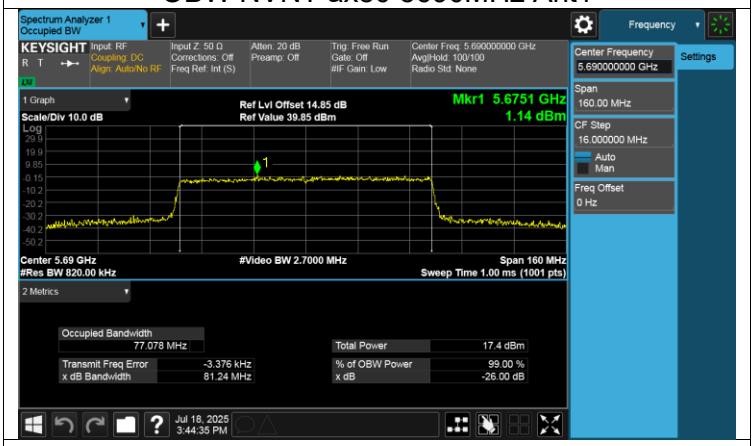
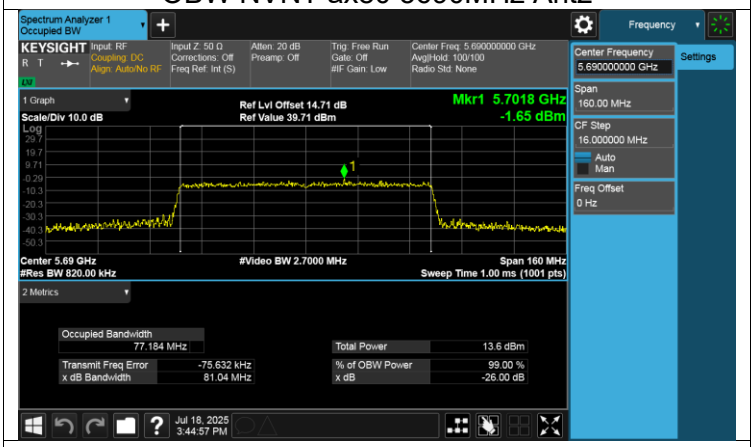
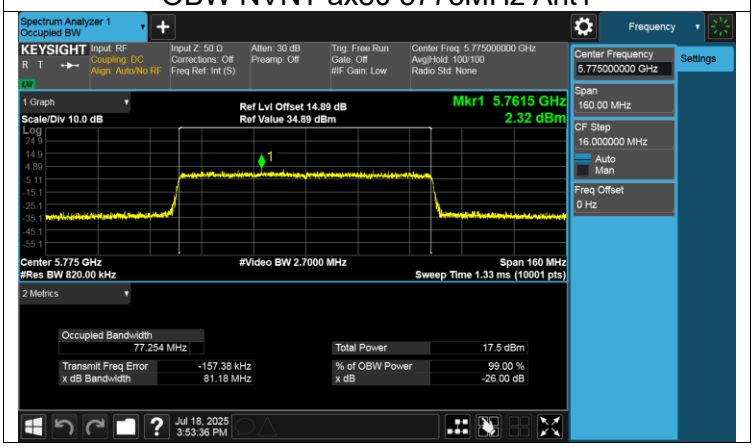
OBW NVNT ax80 5690MHz Ant1



OBW NVNT ax80 5690MHz Ant2



OBW NVNT ax80 5775MHz Ant1



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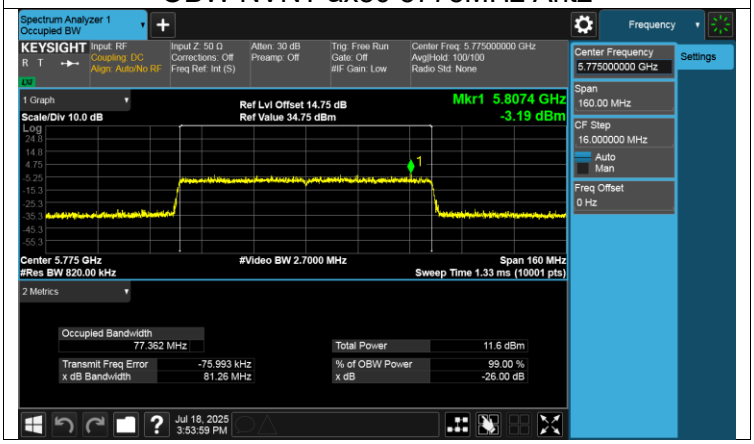
OBW NVNT ax80 5775MHz Ant2



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11.5. APPENDIX E:MAXIMUM POWER SPECTRAL DENSITY LEVEL

Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Limit (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
a	5180	Ant1	4.1	≤11	9.15	≤10	Pass
a	5200	Ant1	4.35	≤11	9.40	≤10	Pass
a	5240	Ant1	4.22	≤11	9.27	≤10	Pass
a	5260	Ant1	2.7	≤11	---	---	Pass
a	5280	Ant1	2.73	≤11	---	---	Pass
a	5320	Ant1	2.72	≤11	---	---	Pass
a	5500	Ant1	-0.61	≤11	---	---	Pass
a	5580	Ant1	-0.2	≤11	---	---	Pass
a	5700	Ant1	-2.03	≤11	---	---	Pass
a	5720 Low	Ant1	-2.06	≤11	---	---	Pass
a	5720 High	Ant1	-7.06	≤30	---	---	Pass
a	5745	Ant1	2.21	≤30	---	---	Pass
a	5785	Ant1	2.37	≤30	---	---	Pass
a	5825	Ant1	2.72	≤30	---	---	Pass
a	5180	Ant2	3.54	≤11	8.19	≤10	Pass
a	5200	Ant2	4.53	≤11	9.18	≤10	Pass
a	5240	Ant2	3.63	≤11	8.28	≤10	Pass
a	5260	Ant2	3.47	≤11	---	---	Pass
a	5280	Ant2	3.24	≤11	---	---	Pass
a	5320	Ant2	2.95	≤11	---	---	Pass
a	5500	Ant2	-1.66	≤11	---	---	Pass
a	5580	Ant2	-1.11	≤11	---	---	Pass
a	5700	Ant2	-2.9	≤11	---	---	Pass
a	5720 Low	Ant2	-3.35	≤11	---	---	Pass
a	5720 High	Ant2	-8.29	≤30	---	---	Pass
a	5745	Ant2	1.59	≤30	---	---	Pass
a	5785	Ant2	1.05	≤30	---	---	Pass
a	5825	Ant2	1.03	≤30	---	---	Pass
n20	5180	Ant1	-3.64	≤11	1.41	≤10	Pass
n20	5180	Ant2	-4	≤11	0.65	≤10	Pass
n20	5180	Sum	-0.81	≤8.94	4.06	≤7.94	Pass
n20	5200	Ant1	-3.13	≤11	1.92	≤10	Pass
n20	5200	Ant2	-4.51	≤11	0.14	≤10	Pass
n20	5200	Sum	-0.76	≤8.94	4.13	≤7.94	Pass
n20	5240	Ant1	-3.16	≤11	1.89	≤10	Pass
n20	5240	Ant2	-4.91	≤11	-0.26	≤10	Pass
n20	5240	Sum	-0.94	≤8.94	3.96	≤7.94	Pass

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n20	5260	Ant1	5.55	≤11	---	---	Pass
n20	5260	Ant2	4.03	≤11	---	---	Pass
n20	5260	Sum	7.87	≤8.94	---	---	Pass
n20	5280	Ant1	5.83	≤11	---	---	Pass
n20	5280	Ant2	4.35	≤11	---	---	Pass
n20	5280	Sum	8.16	≤8.94	---	---	Pass
n20	5320	Ant1	5.96	≤11	---	---	Pass
n20	5320	Ant2	3.89	≤11	---	---	Pass
n20	5320	Sum	8.06	≤8.94	---	---	Pass
n20	5500	Ant1	0.23	≤11	---	---	Pass
n20	5500	Ant2	-0.76	≤11	---	---	Pass
n20	5500	Sum	2.77	≤8.94	---	---	Pass
n20	5580	Ant1	0.67	≤11	---	---	Pass
n20	5580	Ant2	-0.32	≤11	---	---	Pass
n20	5580	Sum	3.21	≤8.94	---	---	Pass
n20	5700	Ant1	0.71	≤11	---	---	Pass
n20	5700	Ant2	-2.03	≤11	---	---	Pass
n20	5700	Sum	2.56	≤8.94	---	---	Pass
n20	5720 Low	Ant1	0.42	≤11	---	---	Pass
n20	5720 High	Ant1	-4.83	≤11	---	---	Pass
n20	5720 Low	Ant2	-2.44	≤8.94	---	---	Pass
n20	5720 High	Ant2	-7.95	≤11	---	---	Pass
n20	5720 Low	Sum	2.23	≤11	---	---	Pass
n20	5720 High	Sum	-3.11	≤8.94	---	---	Pass
n20	5745	Ant1	1.94	≤11	---	---	Pass
n20	5745	Ant2	-3.27	≤11	---	---	Pass
n20	5745	Sum	3.08	≤8.94	---	---	Pass
n20	5785	Ant1	1.7	≤11	---	---	Pass
n20	5785	Ant2	-3.53	≤11	---	---	Pass
n20	5785	Sum	2.84	≤8.94	---	---	Pass
n20	5825	Ant1	2.2	≤11	---	---	Pass
n20	5825	Ant2	-3.65	≤11	---	---	Pass
n20	5825	Sum	3.2	≤8.94	---	---	Pass
n40	5190	Ant1	-2.72	≤11	2.33	≤10	Pass
n40	5190	Ant2	-3.89	≤11	0.76	≤10	Pass
n40	5190	Sum	-0.26	≤8.94	4.63	≤7.94	Pass
n40	5230	Ant1	-2.65	≤11	2.40	≤10	Pass
n40	5230	Ant2	-4.46	≤11	0.19	≤10	Pass
n40	5230	Sum	-0.45	≤8.94	4.44	≤7.94	Pass
n40	5270	Ant1	-2.4	≤11	---	---	Pass
n40	5270	Ant2	-3.81	≤11	---	---	Pass

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n40	5270	Sum	-0.04	≤8.94	---	---	Pass
n40	5310	Ant1	-2.64	≤11	---	---	Pass
n40	5310	Ant2	-4.64	≤11	---	---	Pass
n40	5310	Sum	-0.52	≤8.94	---	---	Pass
n40	5510	Ant1	-5.08	≤11	---	---	Pass
n40	5510	Ant2	-5.76	≤11	---	---	Pass
n40	5510	Sum	-2.4	≤8.94	---	---	Pass
n40	5550	Ant1	-4.93	≤11	---	---	Pass
n40	5550	Ant2	-6.3	≤11	---	---	Pass
n40	5550	Sum	-2.55	≤8.94	---	---	Pass
n40	5670	Ant1	-3.81	≤11	---	---	Pass
n40	5670	Ant2	-6.65	≤11	---	---	Pass
n40	5670	Sum	-1.99	≤8.94	---	---	Pass
n40	5710 Low	Ant1	-4.7	≤11	---	---	Pass
n40	5710 High	Ant1	-7.9	≤11	---	---	Pass
n40	5710 Low	Ant2	-7.36	≤8.94	---	---	Pass
n40	5710 High	Ant2	-10.67	≤11	---	---	Pass
n40	5710 Low	Sum	-2.82	≤11	---	---	Pass
n40	5710 High	Sum	-6.06	≤8.94	---	---	Pass
n40	5755	Ant1	-1.58	≤11	---	---	Pass
n40	5755	Ant2	-6.86	≤11	---	---	Pass
n40	5755	Sum	-0.45	≤8.94	---	---	Pass
n40	5795	Ant1	-1.24	≤11	---	---	Pass
n40	5795	Ant2	-6.92	≤11	---	---	Pass
n40	5795	Sum	-0.2	≤8.94	---	---	Pass
ac80	5210	Ant1	-5.9	≤11	-0.85	≤10	Pass
ac80	5210	Ant2	-6.97	≤11	-2.32	≤10	Pass
ac80	5210	Sum	-3.39	≤8.94	1.49	≤7.94	Pass
ac80	5290	Ant1	-5.76	≤11	---	---	Pass
ac80	5290	Ant2	-7.6	≤11	---	---	Pass
ac80	5290	Sum	-3.57	≤8.94	---	---	Pass
ac80	5530	Ant1	-7.17	≤11	---	---	Pass
ac80	5530	Ant2	-8.3	≤11	---	---	Pass
ac80	5530	Sum	-4.69	≤8.94	---	---	Pass
ac80	5610	Ant1	-6.6	≤11	---	---	Pass
ac80	5610	Ant2	-8.12	≤11	---	---	Pass
ac80	5610	Sum	-4.28	≤8.94	---	---	Pass
ac80	5690 Low	Ant1	-7.79	≤11	---	---	Pass
ac80	5690 High	Ant1	-11.55	≤11	---	---	Pass
ac80	5690 Low	Ant2	-9.92	≤8.94	---	---	Pass
ac80	5690 High	Ant2	-13.78	≤11	---	---	Pass

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ac80	5690 Low	Sum	-5.72	≤11	---	---	Pass
ac80	5690 High	Sum	-9.51	≤8.94	---	---	Pass
ac80	5775	Ant1	-7.13	≤11	---	---	Pass
ac80	5775	Ant2	-10.89	≤11	---	---	Pass
ac80	5775	Sum	-5.6	≤8.94	---	---	Pass
ax20	5180	Ant1	-3.2	≤11	1.85	≤10	Pass
ax20	5180	Ant2	-3.57	≤11	1.08	≤10	Pass
ax20	5180	Sum	-0.37	≤8.94	4.49	≤7.94	Pass
ax20	5200	Ant1	-2.74	≤11	2.31	≤10	Pass
ax20	5200	Ant2	-4.31	≤11	0.34	≤10	Pass
ax20	5200	Sum	-0.44	≤8.94	4.45	≤7.94	Pass
ax20	5240	Ant1	-2.42	≤11	2.63	≤10	Pass
ax20	5240	Ant2	-4.62	≤11	0.03	≤10	Pass
ax20	5240	Sum	-0.37	≤8.94	4.53	≤7.94	Pass
ax20	5260	Ant1	4.88	≤11	---	---	Pass
ax20	5260	Ant2	3.33	≤11	---	---	Pass
ax20	5260	Sum	7.18	≤8.94	---	---	Pass
ax20	5280	Ant1	4.84	≤11	---	---	Pass
ax20	5280	Ant2	3.43	≤11	---	---	Pass
ax20	5280	Sum	7.2	≤8.94	---	---	Pass
ax20	5320	Ant1	3.79	≤11	---	---	Pass
ax20	5320	Ant2	2.04	≤11	---	---	Pass
ax20	5320	Sum	6.01	≤8.94	---	---	Pass
ax20	5500	Ant1	-2.63	≤11	---	---	Pass
ax20	5500	Ant2	-3.47	≤11	---	---	Pass
ax20	5500	Sum	-0.02	≤8.94	---	---	Pass
ax20	5580	Ant1	-1.87	≤11	---	---	Pass
ax20	5580	Ant2	-3.15	≤11	---	---	Pass
ax20	5580	Sum	0.55	≤8.94	---	---	Pass
ax20	5700	Ant1	-1.68	≤11	---	---	Pass
ax20	5700	Ant2	-3.96	≤11	---	---	Pass
ax20	5700	Sum	0.34	≤8.94	---	---	Pass
ax20	5720 Low	Ant1	-2.05	≤11	---	---	Pass
ax20	5720 High	Ant1	-7.25	≤11	---	---	Pass
ax20	5720 Low	Ant2	-5.03	≤8.94	---	---	Pass
ax20	5720 High	Ant2	-10.07	≤11	---	---	Pass
ax20	5720 Low	Sum	-0.28	≤11	---	---	Pass
ax20	5720 High	Sum	-5.42	≤8.94	---	---	Pass
ax20	5745	Ant1	2	≤11	---	---	Pass
ax20	5745	Ant2	-3.33	≤11	---	---	Pass
ax20	5745	Sum	3.12	≤8.94	---	---	Pass

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ax20	5785	Ant1	2.22	≤11	---	---	Pass
ax20	5785	Ant2	-3.82	≤11	---	---	Pass
ax20	5785	Sum	3.19	≤8.94	---	---	Pass
ax20	5825	Ant1	2.97	≤11	---	---	Pass
ax20	5825	Ant2	-3.08	≤11	---	---	Pass
ax20	5825	Sum	3.93	≤8.94	---	---	Pass
ax40	5190	Ant1	-3.56	≤11	1.49	≤10	Pass
ax40	5190	Ant2	-4.5	≤11	0.15	≤10	Pass
ax40	5190	Sum	-0.99	≤8.94	3.88	≤7.94	Pass
ax40	5230	Ant1	-3.56	≤11	1.49	≤10	Pass
ax40	5230	Ant2	-5.58	≤11	-0.93	≤10	Pass
ax40	5230	Sum	-1.44	≤8.94	3.46	≤7.94	Pass
ax40	5270	Ant1	-2.45	≤11	---	---	Pass
ax40	5270	Ant2	-4.05	≤11	---	---	Pass
ax40	5270	Sum	-0.17	≤8.94	---	---	Pass
ax40	5310	Ant1	-2.14	≤11	---	---	Pass
ax40	5310	Ant2	-4.68	≤11	---	---	Pass
ax40	5310	Sum	-0.22	≤8.94	---	---	Pass
ax40	5510	Ant1	-5.01	≤11	---	---	Pass
ax40	5510	Ant2	-6.13	≤11	---	---	Pass
ax40	5510	Sum	-2.52	≤8.94	---	---	Pass
ax40	5550	Ant1	-5.01	≤11	---	---	Pass
ax40	5550	Ant2	-6.26	≤11	---	---	Pass
ax40	5550	Sum	-2.58	≤8.94	---	---	Pass
ax40	5670	Ant1	-3.87	≤11	---	---	Pass
ax40	5670	Ant2	-6.54	≤11	---	---	Pass
ax40	5670	Sum	-1.99	≤8.94	---	---	Pass
ax40	5710 Low	Ant1	-4.2	≤11	---	---	Pass
ax40	5710 High	Ant1	-7.56	≤11	---	---	Pass
ax40	5710 Low	Ant2	-7.42	≤8.94	---	---	Pass
ax40	5710 High	Ant2	-10.63	≤11	---	---	Pass
ax40	5710 Low	Sum	-2.51	≤11	---	---	Pass
ax40	5710 High	Sum	-5.82	≤8.94	---	---	Pass
ax40	5755	Ant1	-1.14	≤11	---	---	Pass
ax40	5755	Ant2	-6.34	≤11	---	---	Pass
ax40	5755	Sum	0.01	≤8.94	---	---	Pass
ax40	5795	Ant1	0.46	≤11	---	---	Pass
ax40	5795	Ant2	-5.47	≤11	---	---	Pass
ax40	5795	Sum	1.45	≤8.94	---	---	Pass
ax80	5210	Ant1	-5.82	≤11	-0.77	≤10	Pass
ax80	5210	Ant2	-7.37	≤11	-2.72	≤10	Pass

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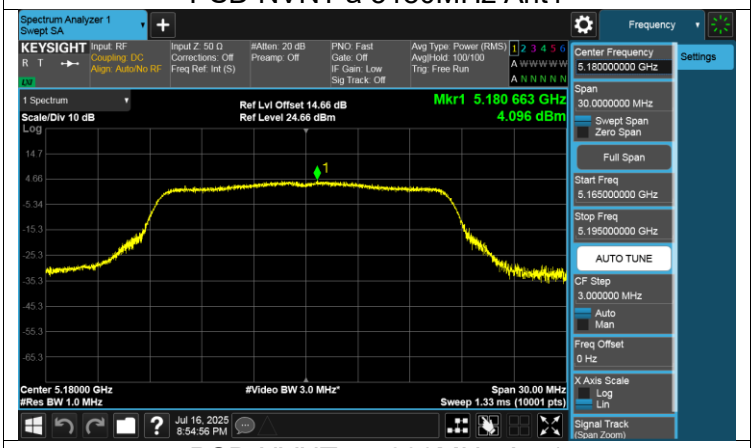
ax80	5210	Sum	-3.52	≤8.94	1.37	≤7.94	Pass
ax80	5290	Ant1	-5.63	≤11	---	---	Pass
ax80	5290	Ant2	-7.82	≤11	---	---	Pass
ax80	5290	Sum	-3.58	≤8.94	---	---	Pass
ax80	5530	Ant1	-7.41	≤11	---	---	Pass
ax80	5530	Ant2	-8.23	≤11	---	---	Pass
ax80	5530	Sum	-4.79	≤8.94	---	---	Pass
ax80	5610	Ant1	-6.49	≤11	---	---	Pass
ax80	5610	Ant2	-7.88	≤11	---	---	Pass
ax80	5610	Sum	-4.12	≤8.94	---	---	Pass
ax80	5690 Low	Ant1	-7.93	≤11	---	---	Pass
ax80	5690 High	Ant1	-11.05	≤11	---	---	Pass
ax80	5690 Low	Ant2	-10.04	≤8.94	---	---	Pass
ax80	5690 High	Ant2	-13.56	≤11	---	---	Pass
ax80	5690 Low	Sum	-5.85	≤11	---	---	Pass
ax80	5690 High	Sum	-9.12	≤8.94	---	---	Pass
ax80	5775	Ant1	-6.82	≤11	---	---	Pass
ax80	5775	Ant2	-10.35	≤11	---	---	Pass
ax80	5775	Sum	-5.23	≤8.94	---	---	Pass

Test Graphs

PSD NVNT a 5180MHz Ant1



PSD NVNT a 5200MHz Ant1

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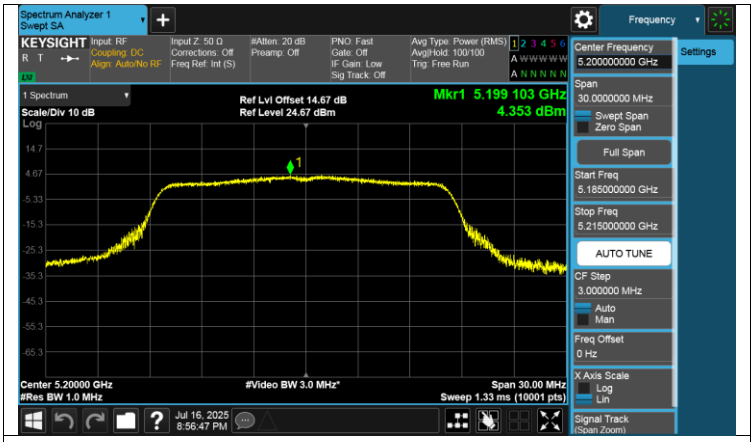
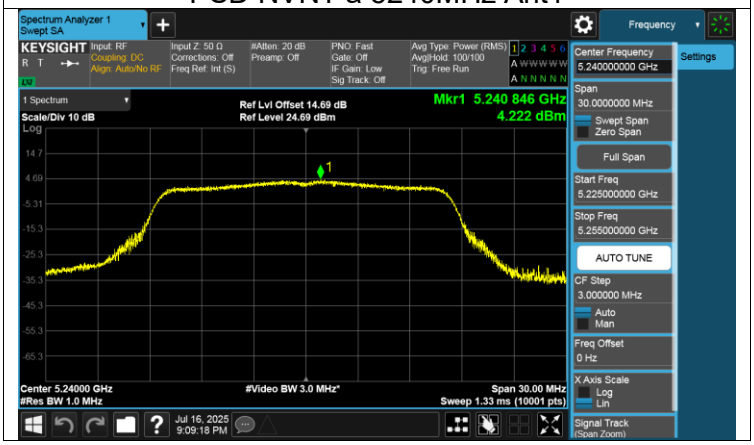


PSD NVNT a 5240MHz Ant1



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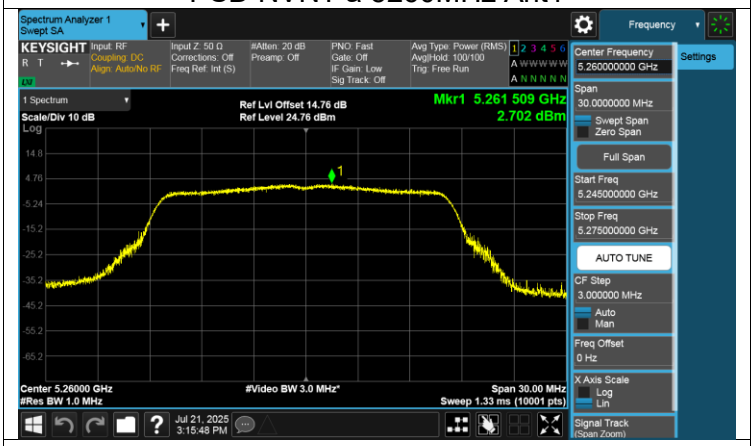
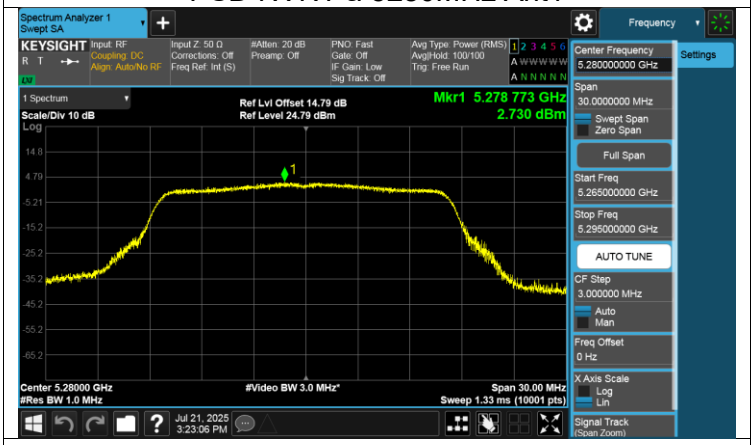
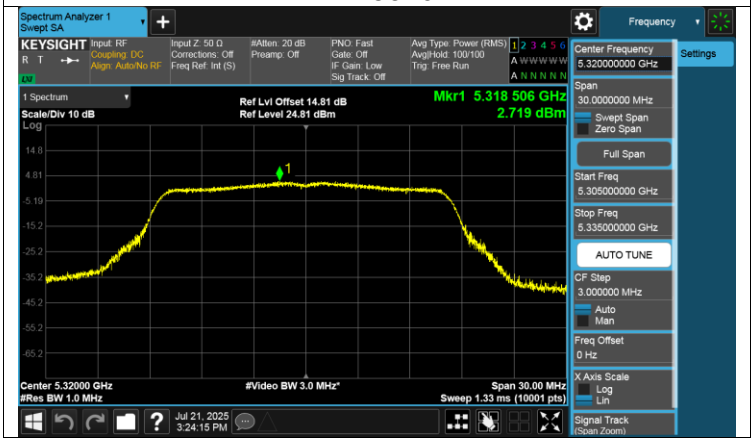
PSD NVNT a 5260MHz Ant1



PSD NVNT a 5280MHz Ant1



PSD NVNT a 5320MHz Ant1



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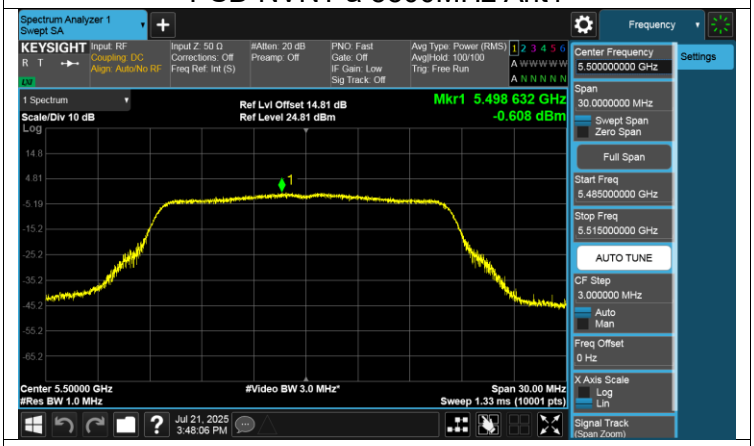
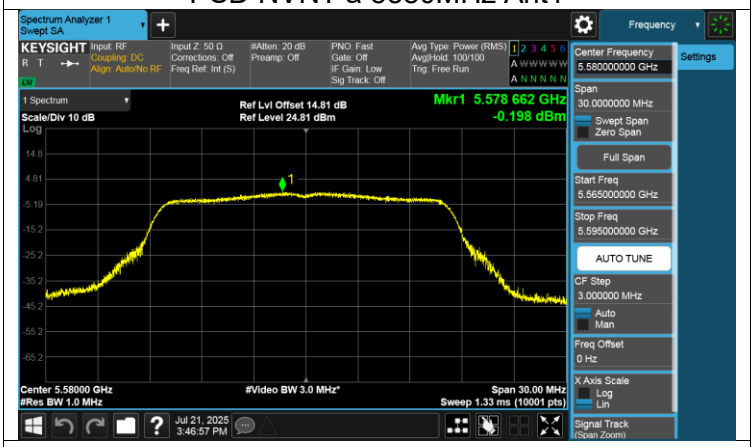
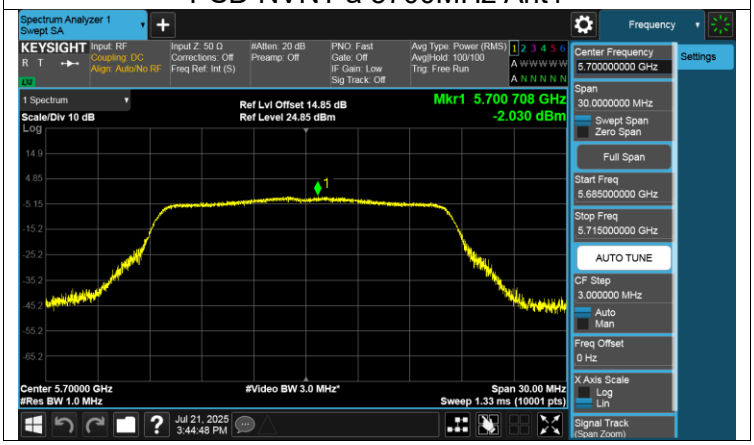
PSD NVNT a 5500MHz Ant1



PSD NVNT a 5580MHz Ant1



PSD NVNT a 5700MHz Ant1



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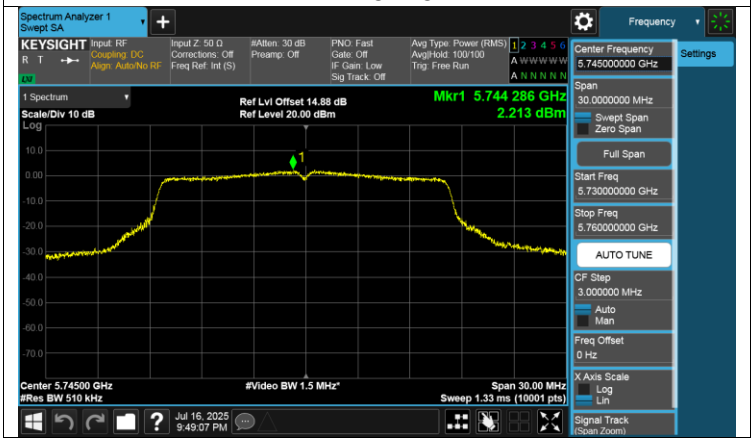
PSD NVNT a 5720MHz Ant1 Low

PSD NVNT a 5720MHz Ant1 High

PSD NVNT a 5745MHz Ant1



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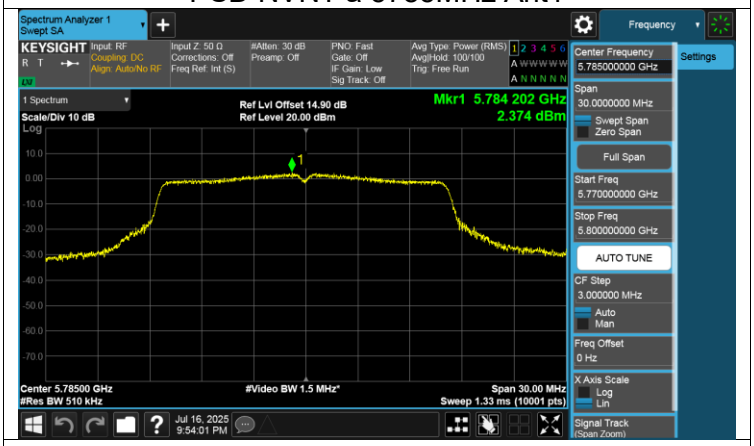
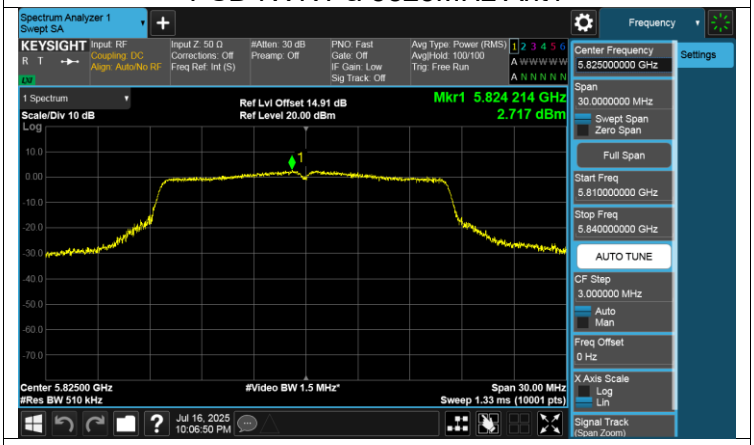
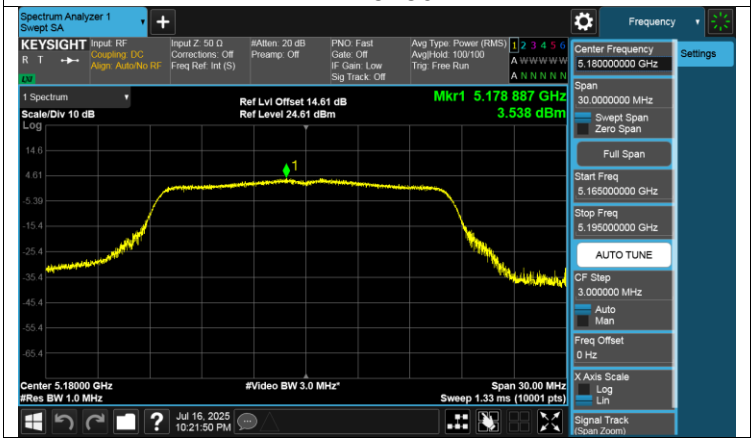
PSD NVNT a 5785MHz Ant1



PSD NVNT a 5825MHz Ant1



PSD NVNT a 5180MHz Ant2



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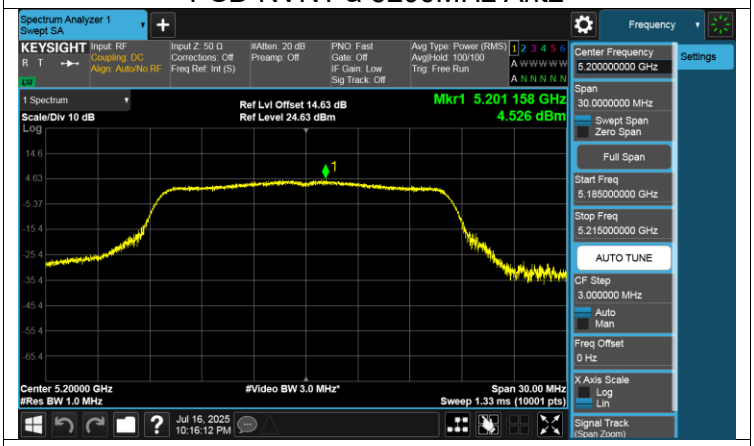
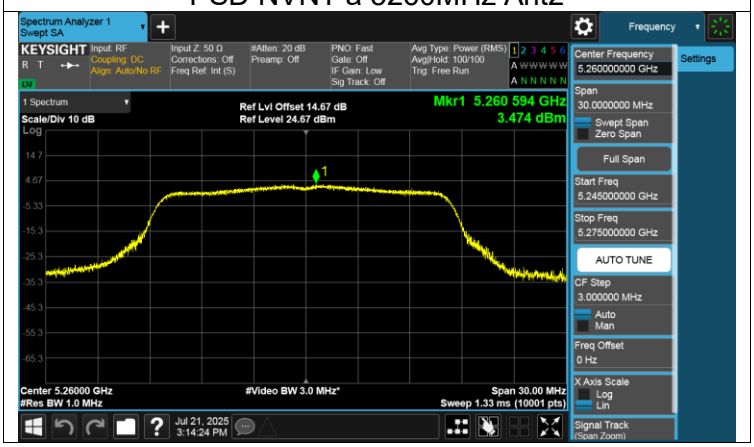
PSD NVNT a 5200MHz Ant2



PSD NVNT a 5240MHz Ant2

PSD NVNT a 5260MHz Ant2



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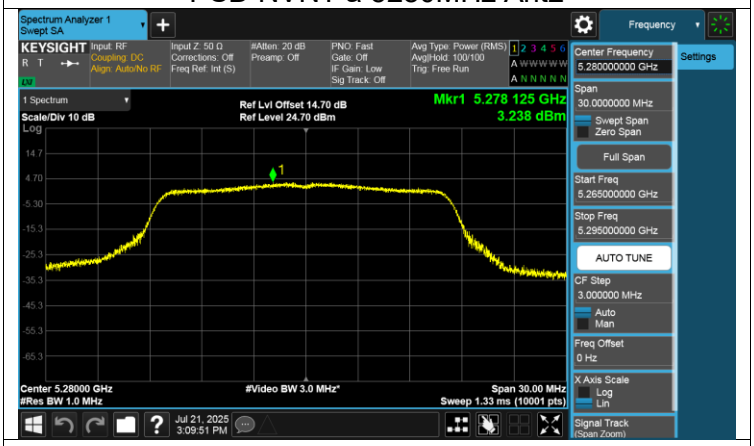
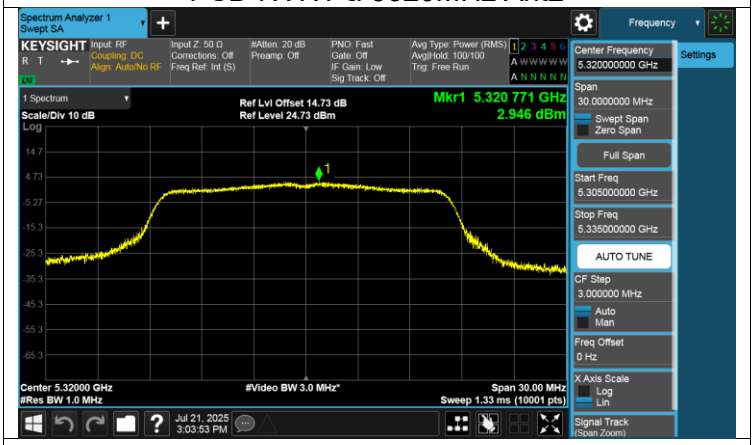
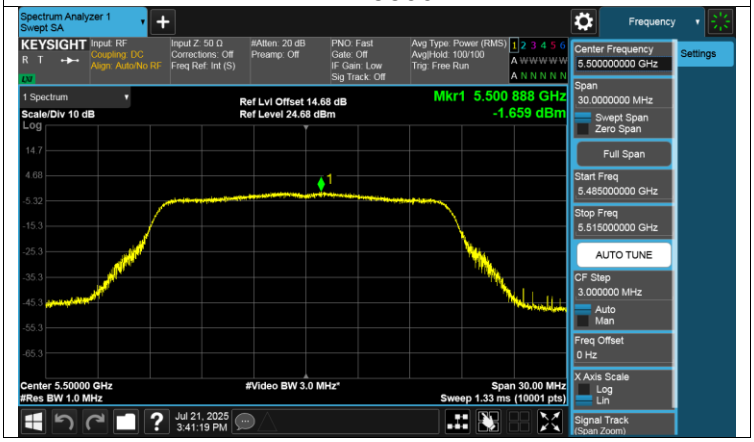
PSD NVNT a 5280MHz Ant2



PSD NVNT a 5320MHz Ant2



PSD NVNT a 5500MHz Ant2



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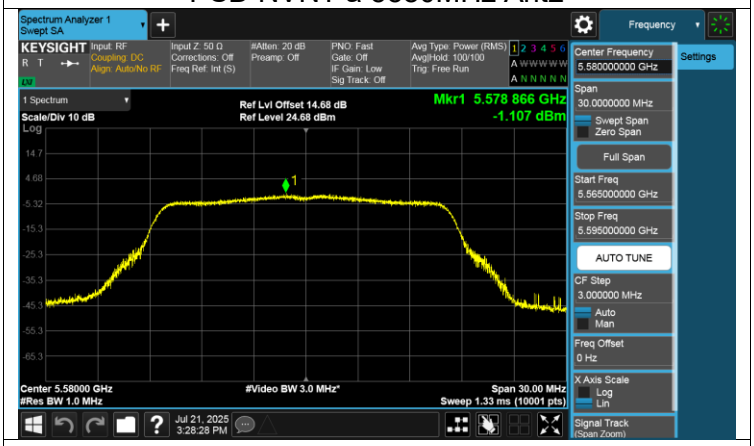
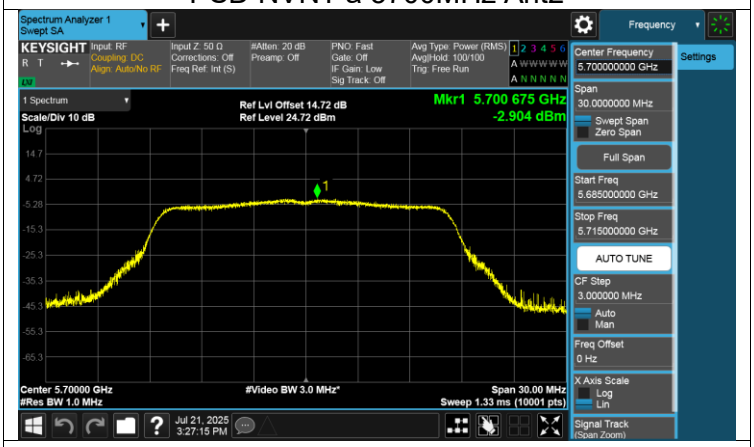
PSD NVNT a 5580MHz Ant2



PSD NVNT a 5700MHz Ant2



PSD NVNT a 5720MHz Ant2 Low

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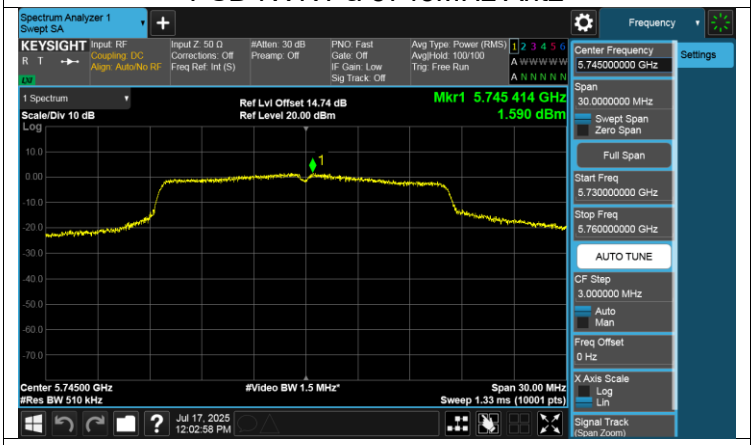
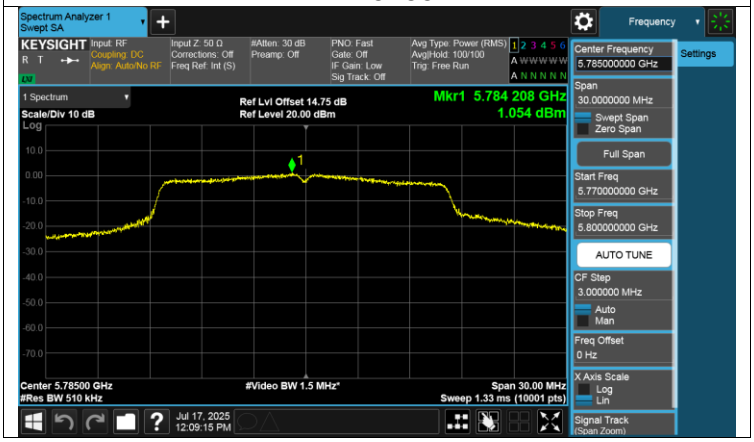
PSD NVNT a 5720MHz Ant2 High

PSD NVNT a 5745MHz Ant2



PSD NVNT a 5785MHz Ant2



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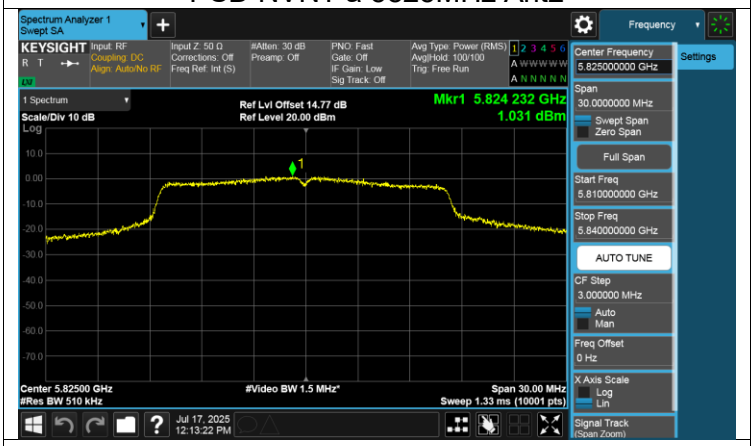
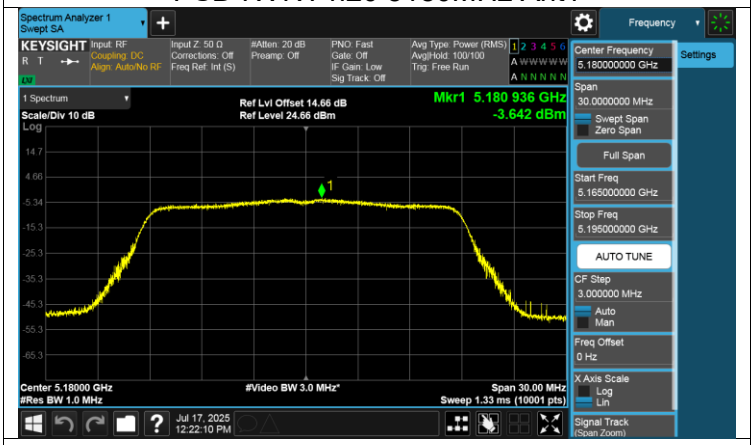
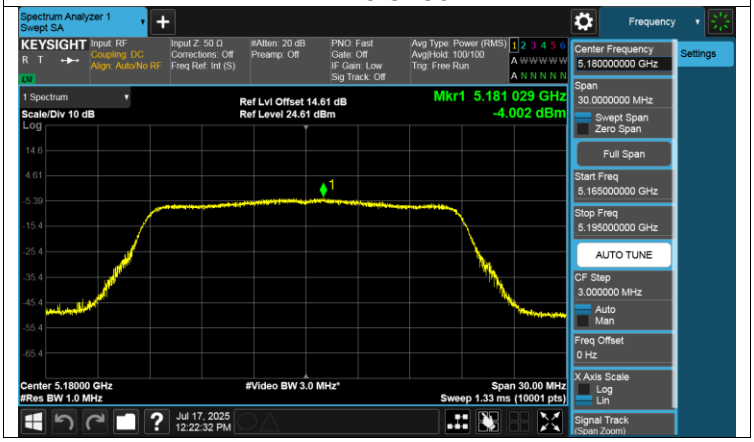
PSD NVNT a 5825MHz Ant2



PSD NVNT n20 5180MHz Ant1



PSD NVNT n20 5180MHz Ant2



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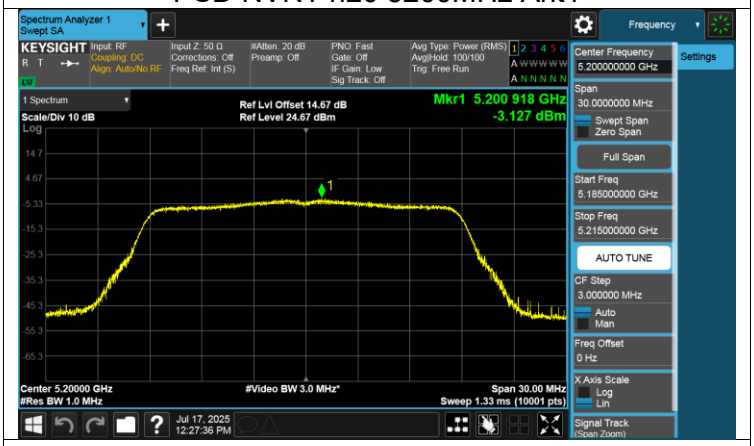
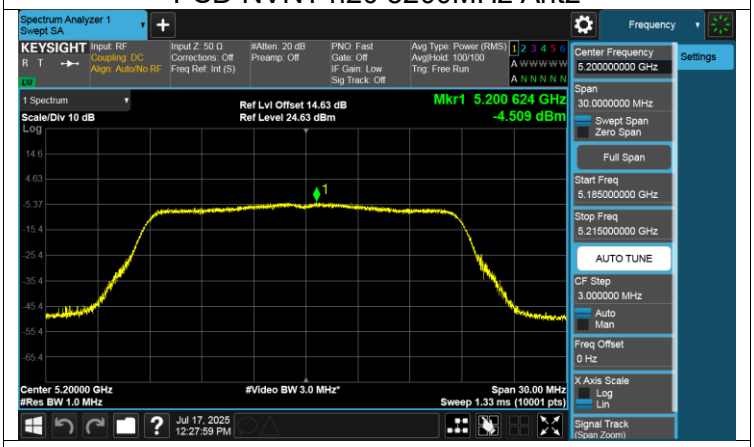
PSD NVNT n20 5200MHz Ant1



PSD NVNT n20 5200MHz Ant2



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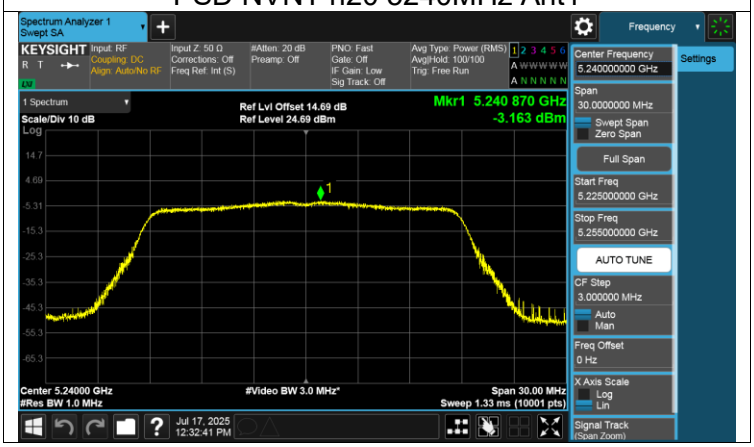

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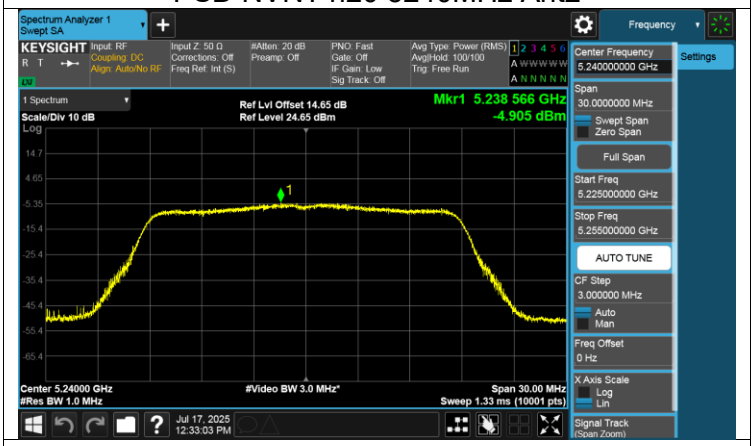
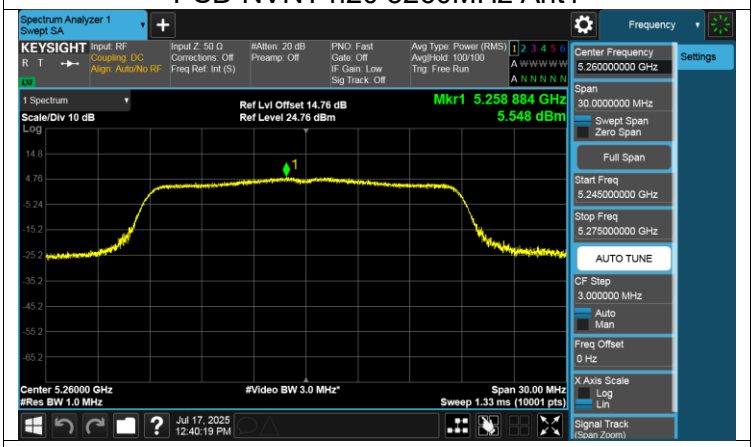
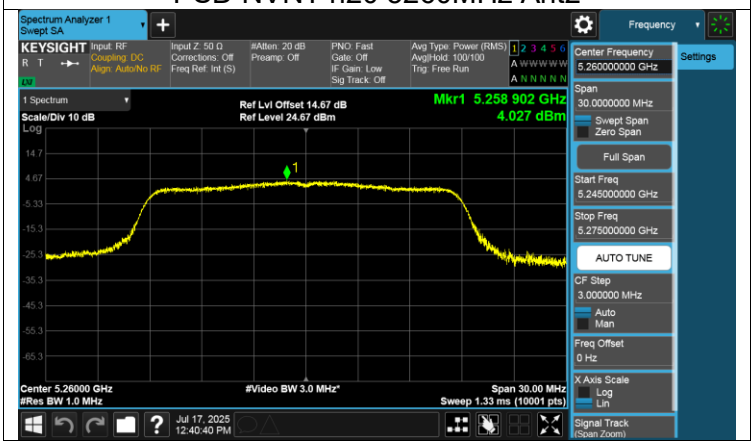


PSD NVNT n20 5260MHz Ant1



PSD NVNT n20 5260MHz Ant2



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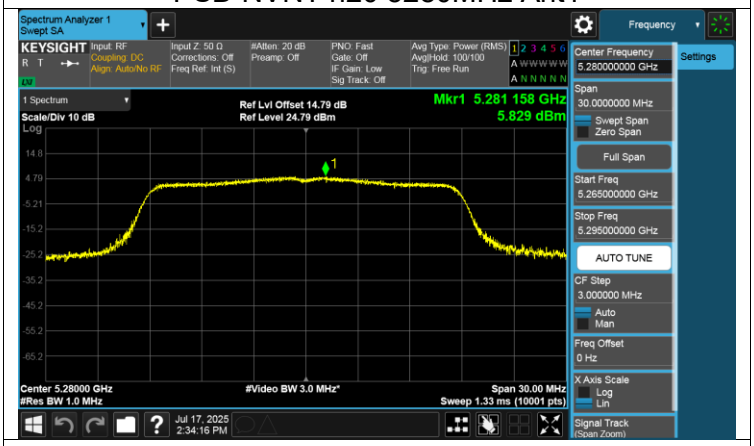
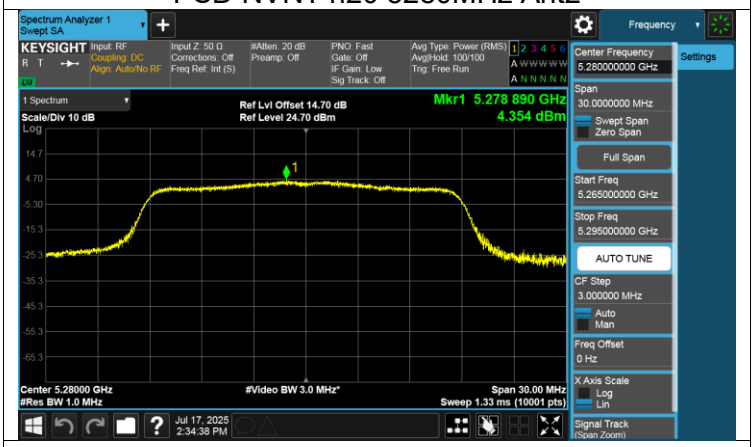
PSD NVNT n20 5280MHz Ant1



PSD NVNT n20 5280MHz Ant2



PSD NVNT n20 5320MHz Ant1

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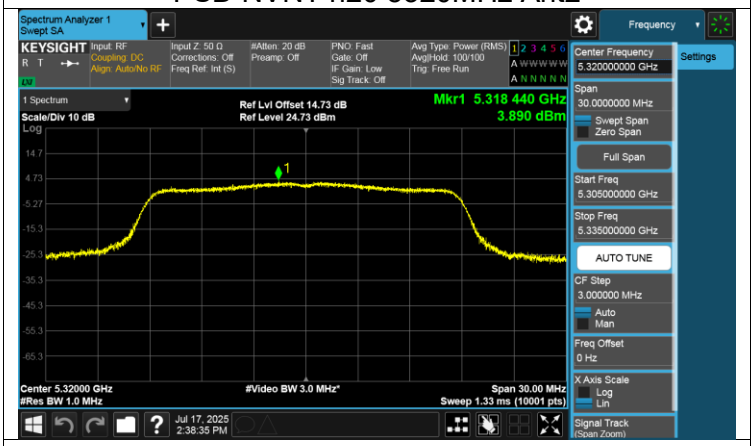
PSD NVNT n20 5320MHz Ant2



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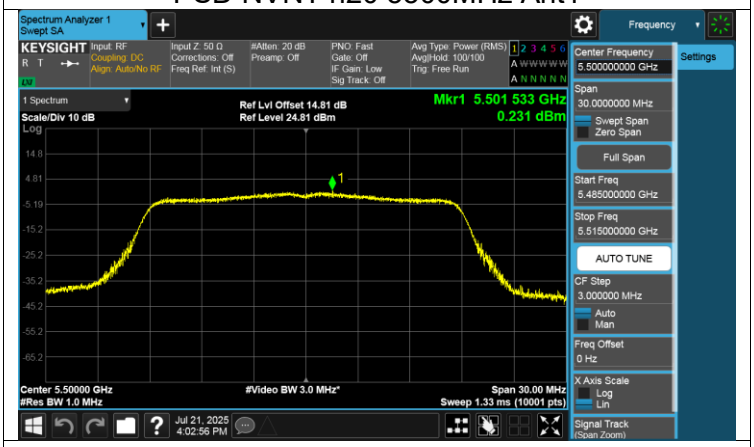

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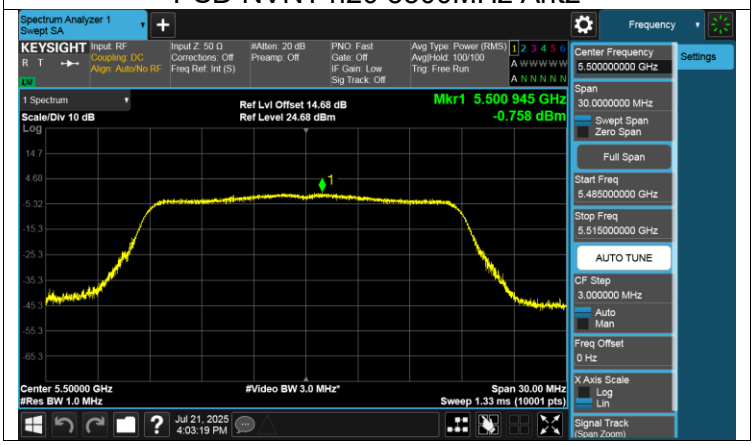

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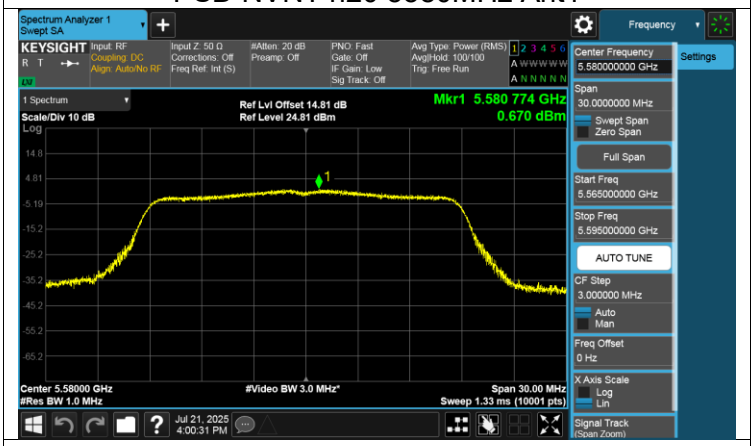
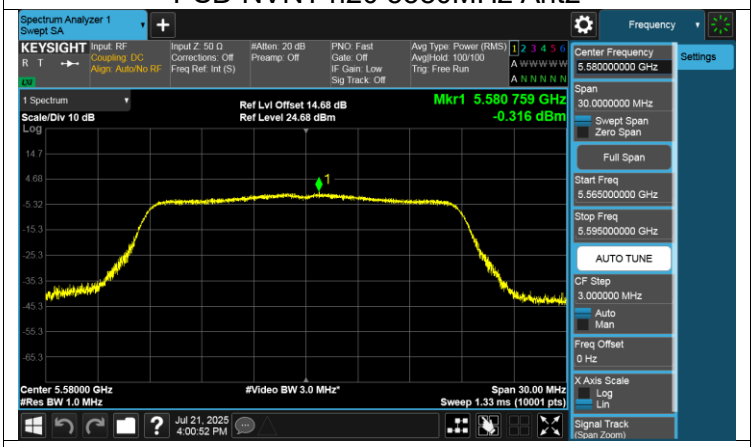
PSD NVNT n20 5580MHz Ant1



PSD NVNT n20 5580MHz Ant2



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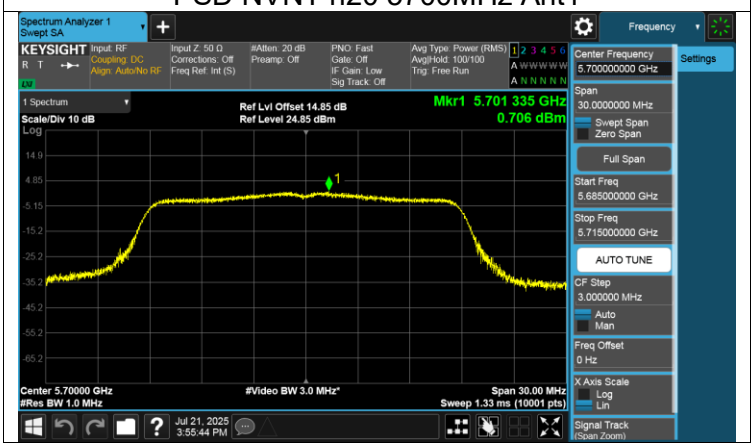

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