FCC - TEST REPORT
Appendix A for 709502403822-00A

Table of Contents

TÜV SÜD Certification and Testing (China) Co., Ltd. Shanghai Branch
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1 Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5180	Ant1	95.21	0.21
NVNT	a	5200	Ant1	95.12	0.22
NVNT	a	5240	Ant1	93.99	0.27
NVNT	a	5260	Ant1	93.61	0.29
NVNT	a	5280	Ant1	93.61	0.29
NVNT	a	5320	Ant1	95.56	0.2
NVNT	a	5500	Ant1	95.16	0.22
NVNT	a	5580	Ant1	94.77	0.23
NVNT	a	5700	Ant1	95.16	0.22
NVNT	a	5720	Ant1	92.44	0.34
NVNT	a	5745	Ant1	95.12	0.22
NVNT	a	5785	Ant1	95.12	0.22
NVNT	a	5825	Ant1	95.12	0.22
NVNT	n20	5180	Ant1	93.95	0.27
NVNT	n20	5200	Ant1	94.83	0.23
NVNT	n20	5240	Ant1	93.18	0.31
NVNT	n20	5260	Ant1	94.83	0.23
NVNT	n20	5280	Ant1	94.88	0.23
NVNT	n20	5320	Ant1	94.78	0.23
NVNT	n20	5500	Ant1	95.25	0.21
NVNT	n20	5580	Ant1	94.88	0.23
NVNT	n20	5700	Ant1	94.78	0.23
NVNT	n20	5720	Ant1	92.77	0.33
NVNT	n20	5745	Ant1	93.53	0.29
NVNT	n20	5785	Ant1	94.78	0.23
NVNT	n20	5825	Ant1	94.78	0.23
NVNT	ac20	5180	Ant1	94.85	0.23
NVNT	ac20	5200	Ant1	94.85	0.23
NVNT	ac20	5240	Ant1	93.16	0.31
NVNT	ac20	5260	Ant1	95.22	0.21
NVNT	ac20	5280	Ant1	94.85	0.23
NVNT	ac20	5320	Ant1	93.2	0.31
NVNT	ac20	5500	Ant1	95.27	0.21
NVNT	ac20	5580	Ant1	94.43	0.25
NVNT	ac20	5700	Ant1	94.85	0.23
NVNT	ac20	5720	Ant1	94.43	0.25
NVNT	ac20	5745	Ant1	94.8	0.23
NVNT	ac20	5785	Ant1	94.75	0.23
NVNT	ac20	5825	Ant1	94.8	0.23
NVNT	ac40	5190	Ant1	90.08	0.45
NVNT	ac40	5230	Ant1	90.85	0.42
NVNT	ac40	5270	Ant1	90.85	0.42
NVNT	ac40	5310	Ant1	89.23	0.49
NVNT	ac40	5510	Ant1	90.85	0.42
NVNT	ac40	5550	Ant1	90.08	0.45
NVNT	ac40	5670	Ant1	90.85	0.42
NVNT	ac40	5710	Ant1	89.33	0.49
NVNT	ac40	5755	Ant1	89.98	0.46
NVNT	ac40	5795	Ant1	89.98	0.46
NVNT	ac80	5210	Ant1	81.4	0.89
NVNT	ac80	5290	Ant1	82.89	0.81
NVNT	ac80	5530	Ant1	81.4	0.89
NVNT	ac80	5690	Ant1	82.89	0.81
NVNT	ac80	5775	Ant1	80.31	0.95

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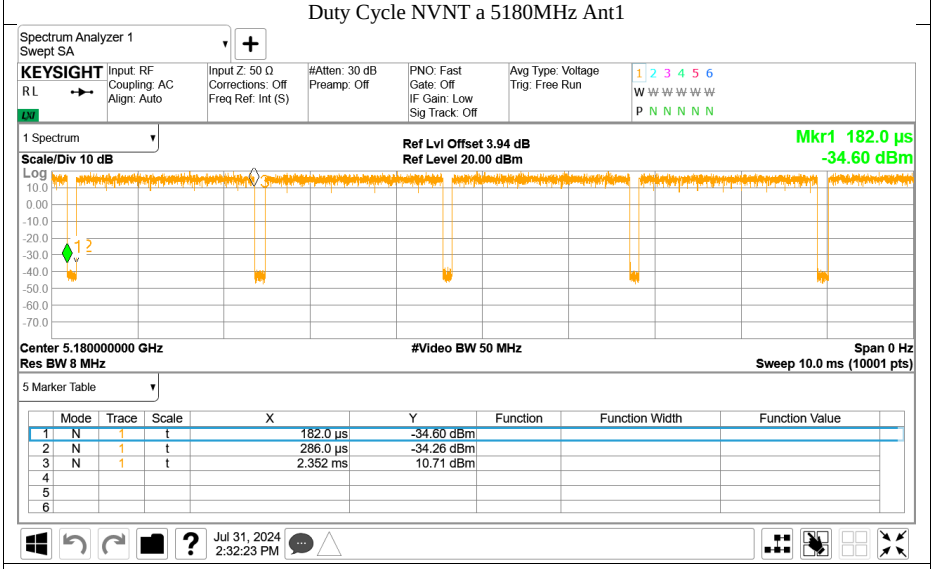
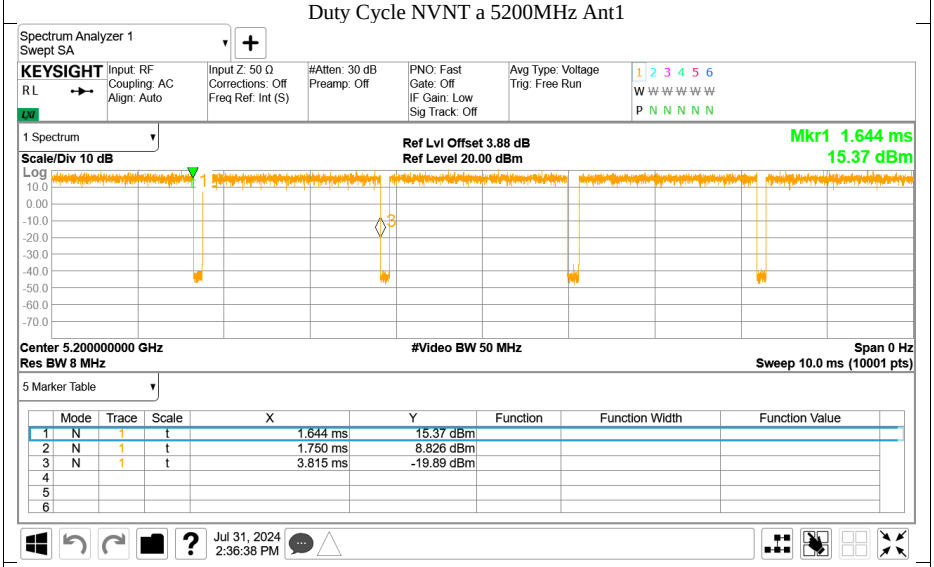
Test Graphs

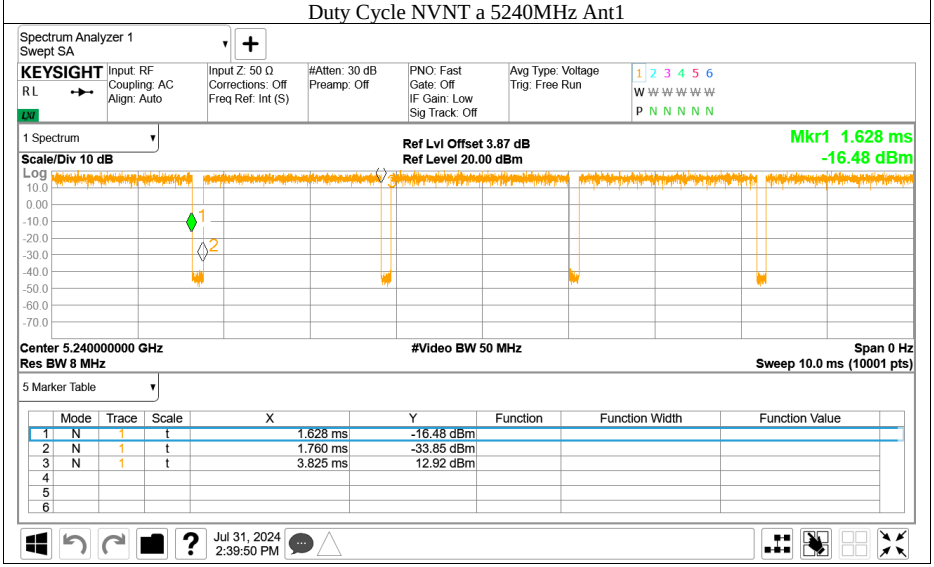
Duty Cycle NVNT a 5180MHz Ant1



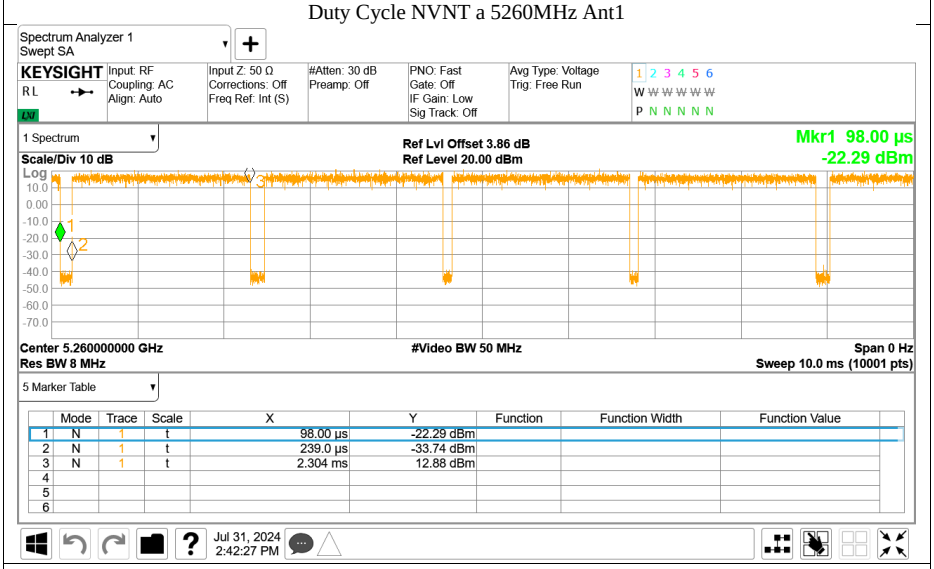
Duty Cycle NVNT a 5200MHz Ant1



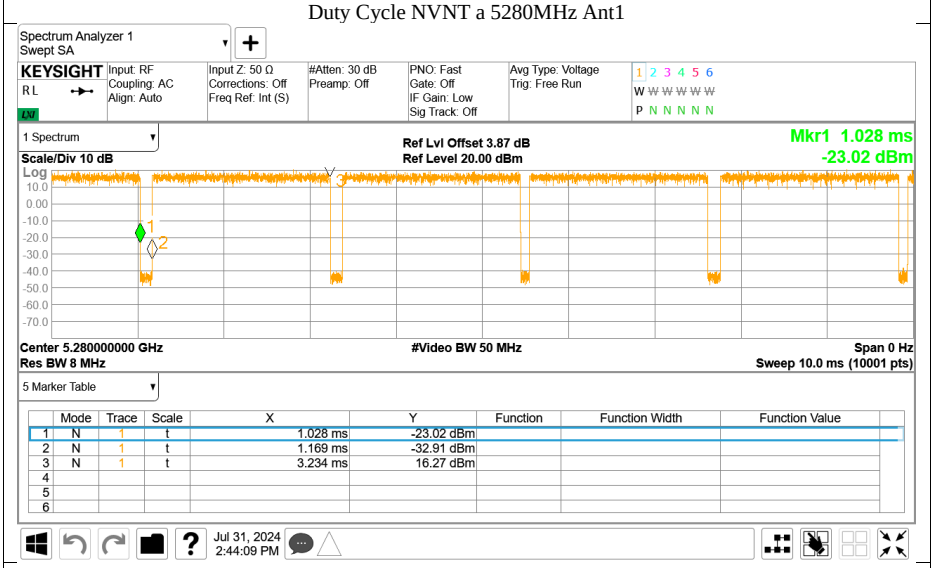
Duty Cycle NVNT a 5240MHz Ant1



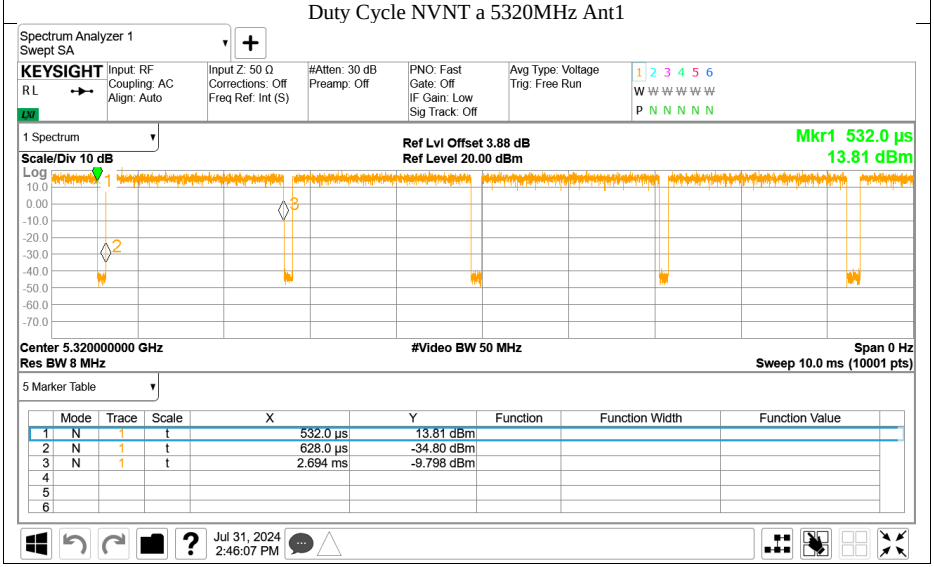
Duty Cycle NVNT a 5260MHz Ant1



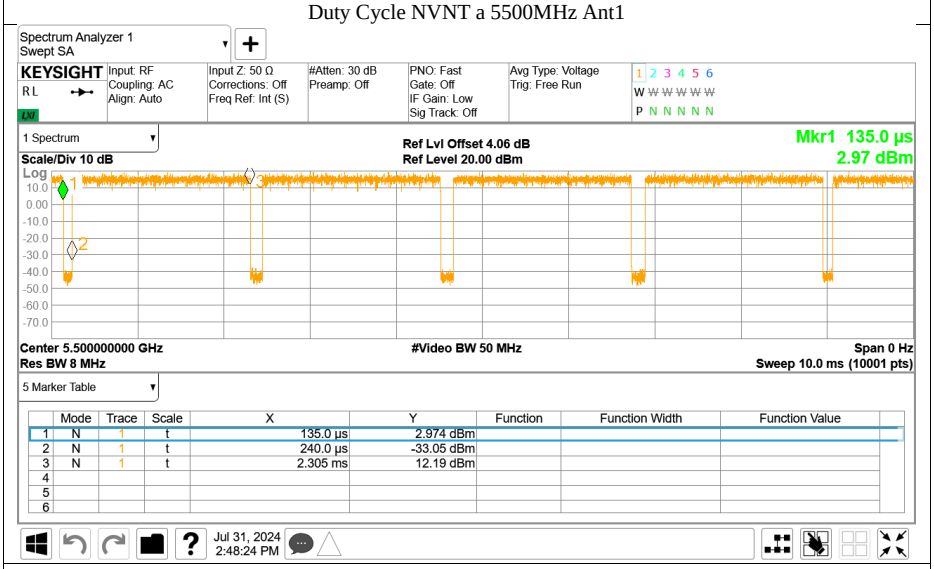
Duty Cycle NVNT a 5280MHz Ant1



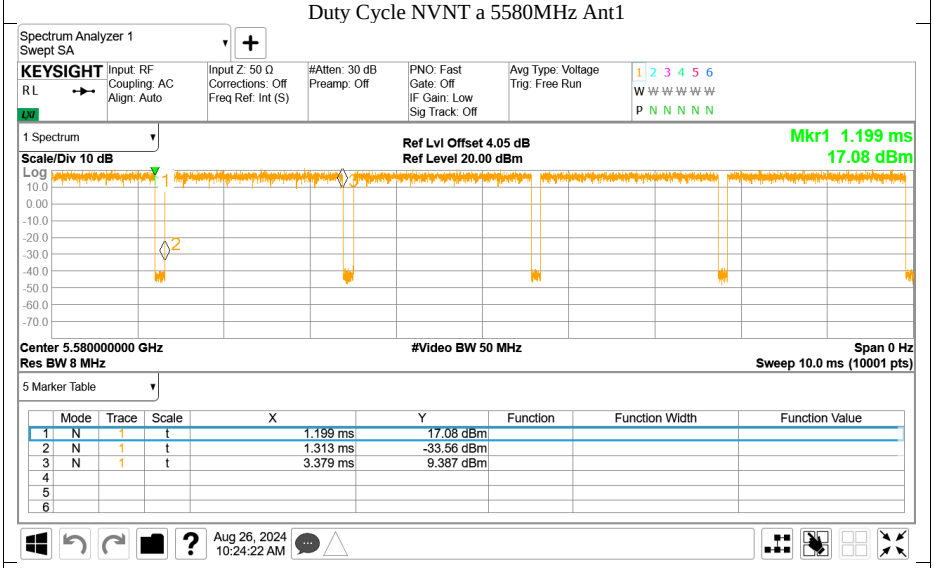
Duty Cycle NVNT a 5320MHz Ant1



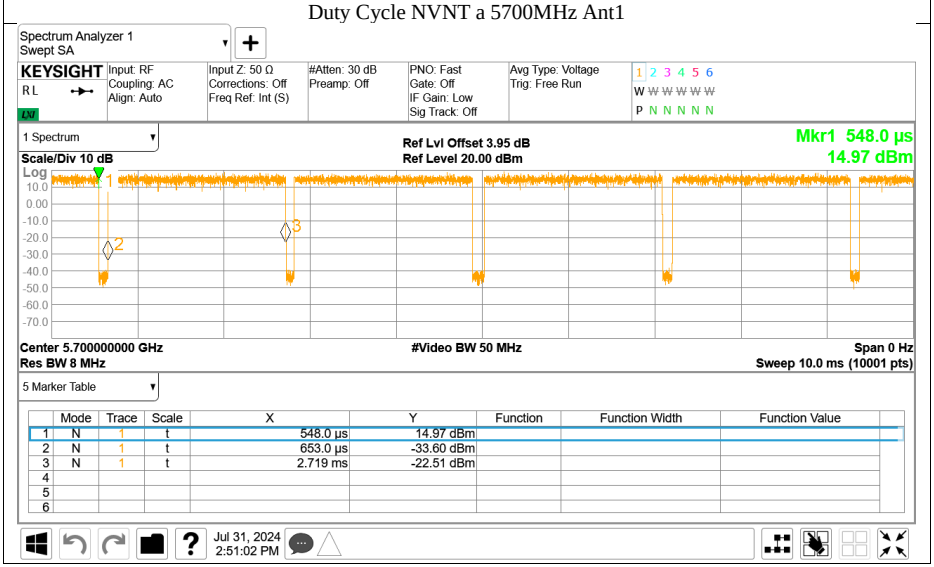
Duty Cycle NVNT a 5500MHz Ant1



Duty Cycle NVNT a 5580MHz Ant1



Duty Cycle NVNT a 5700MHz Ant1



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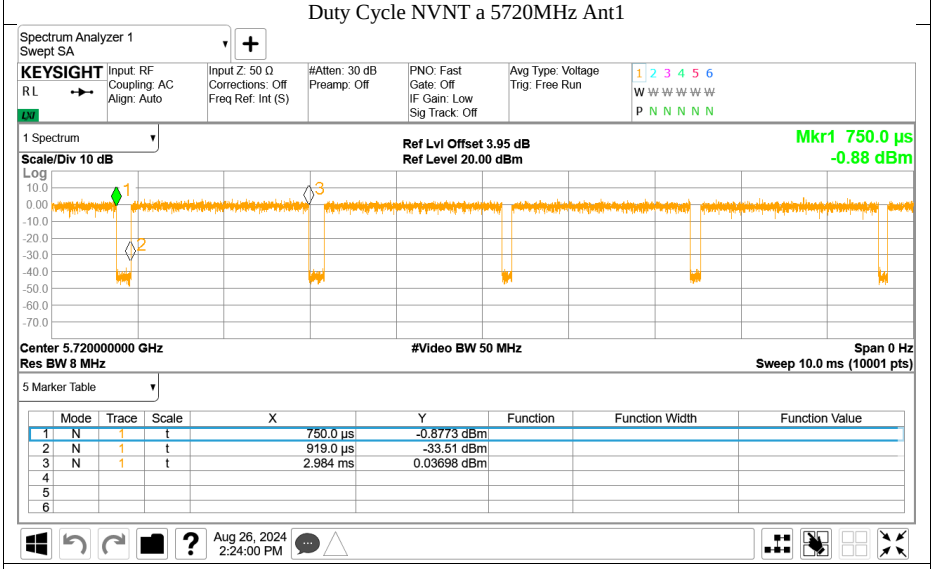
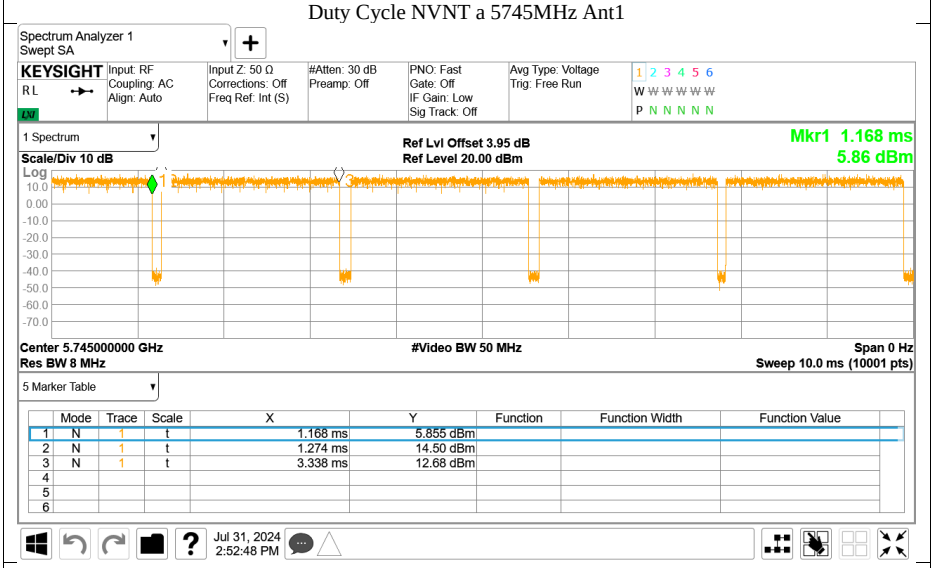
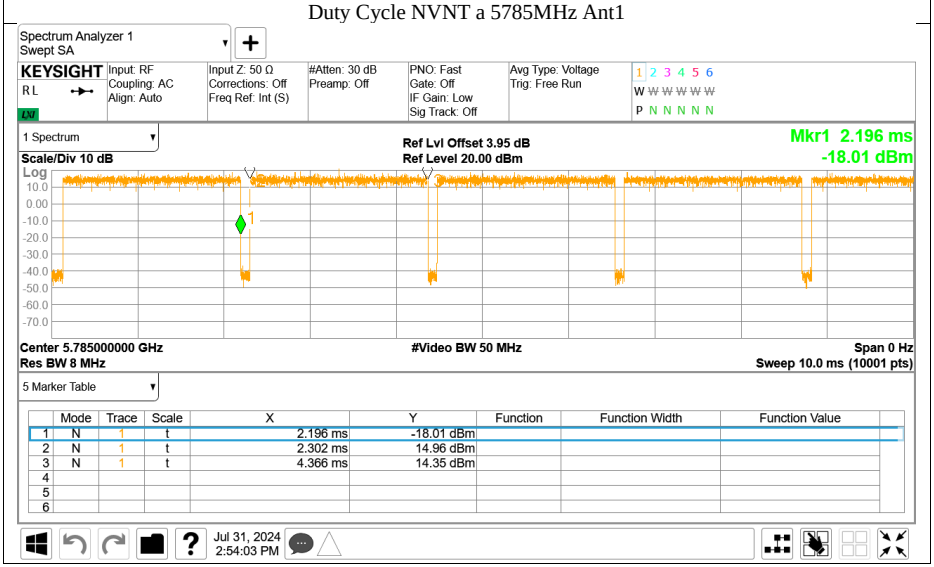
Duty Cycle NVNT a 5720MHz Ant1



Duty Cycle NVNT a 5745MHz Ant1



Duty Cycle NVNT a 5785MHz Ant1



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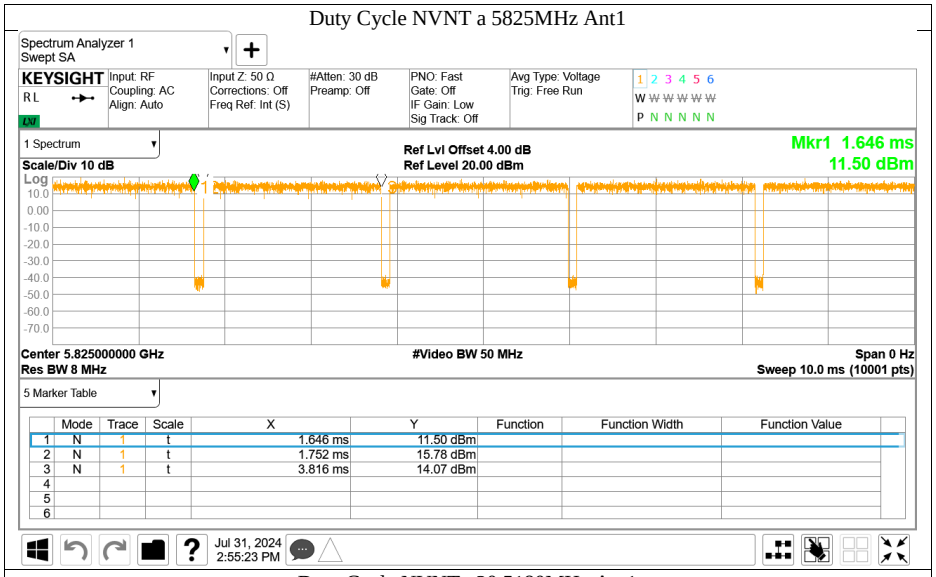
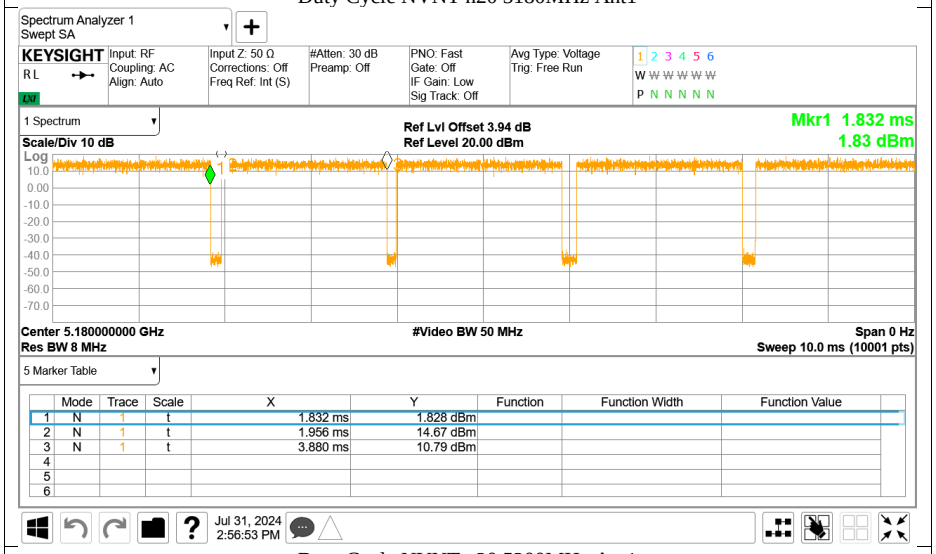
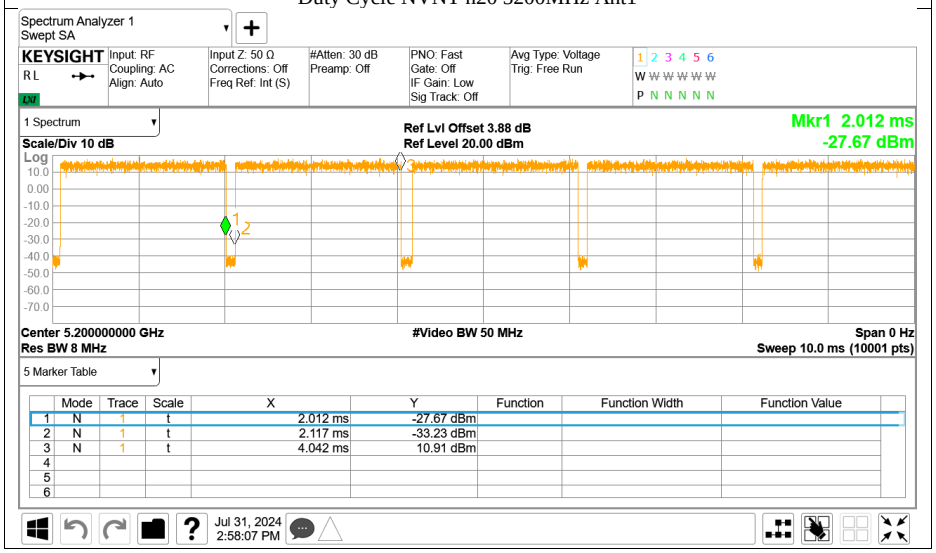
Duty Cycle NVNT a 5825MHz Ant1



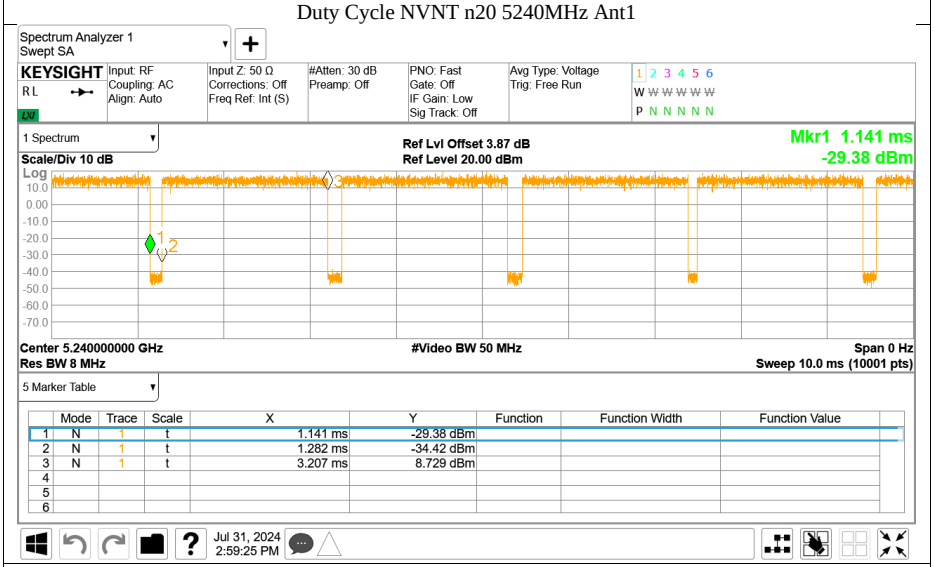
Duty Cycle NVNT n20 5180MHz Ant1



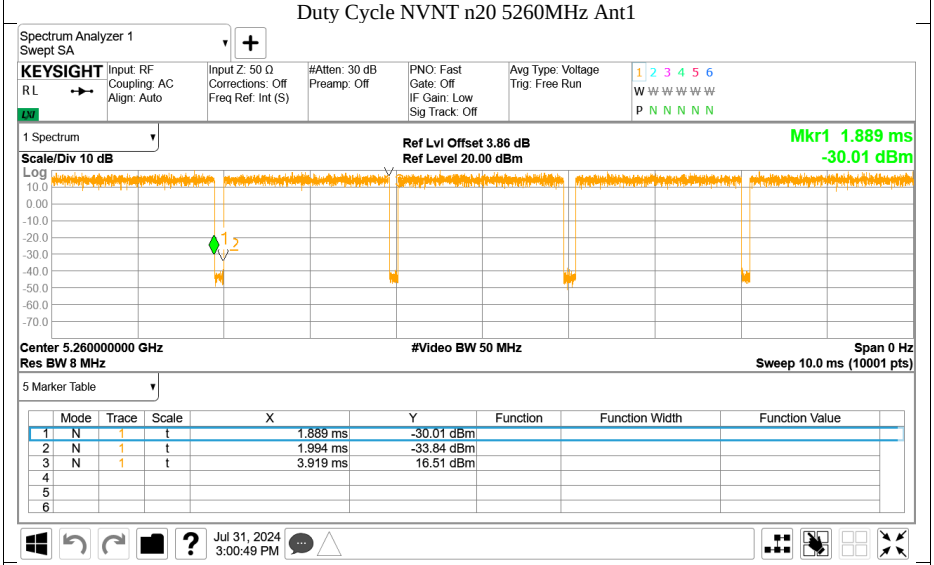
Duty Cycle NVNT n20 5200MHz Ant1



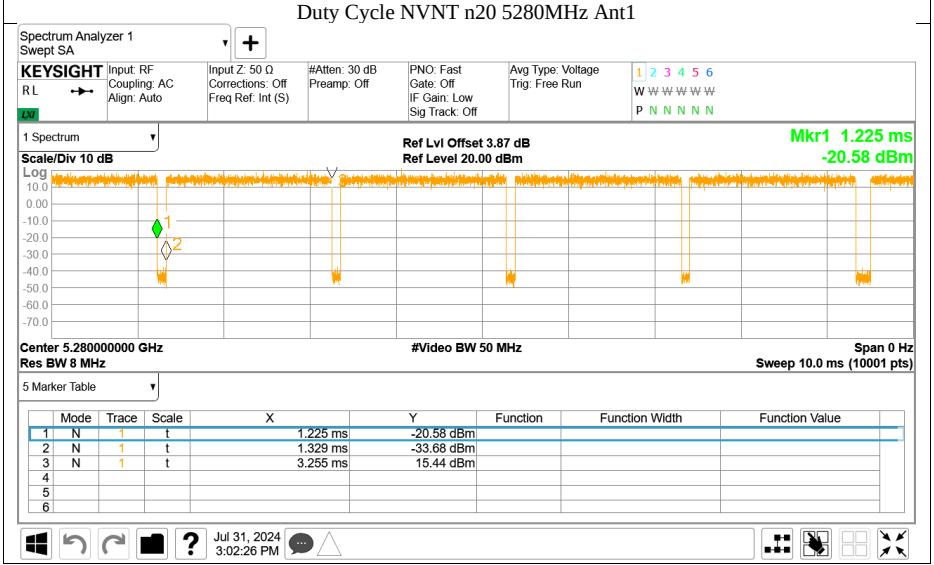
Duty Cycle NVNT n20 5240MHz Ant1



Duty Cycle NVNT n20 5260MHz Ant1



Duty Cycle NVNT n20 5280MHz Ant1



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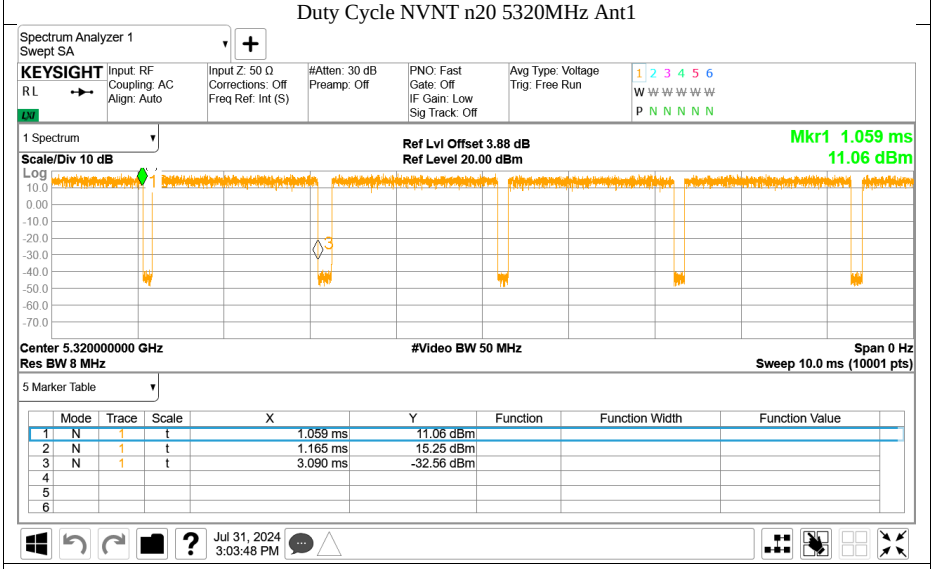
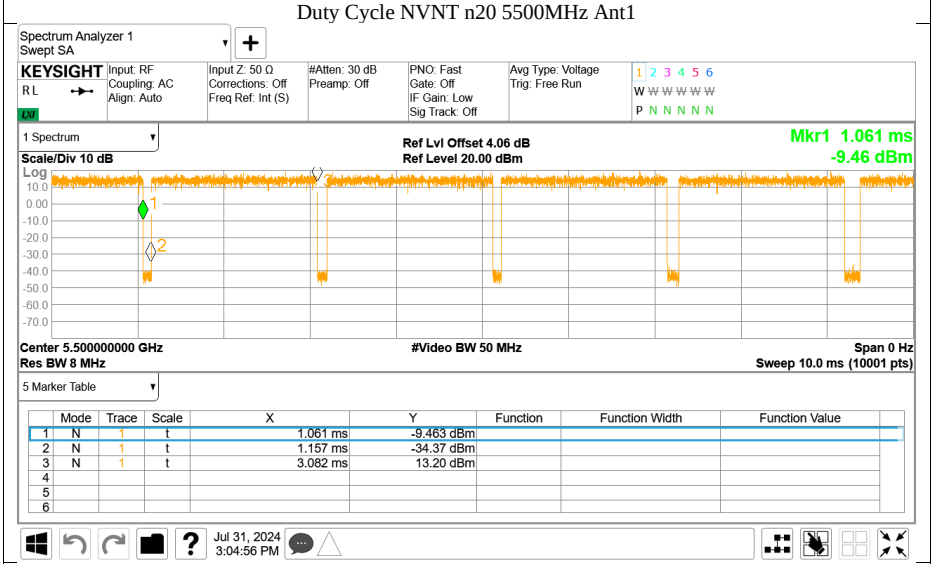
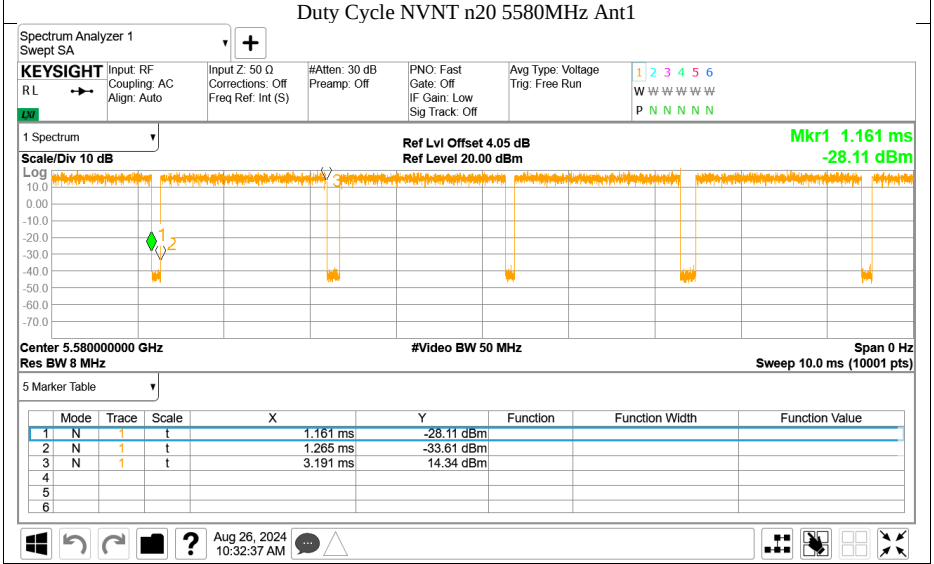
Duty Cycle NVNT n20 5320MHz Ant1



Duty Cycle NVNT n20 5500MHz Ant1



Duty Cycle NVNT n20 5580MHz Ant1



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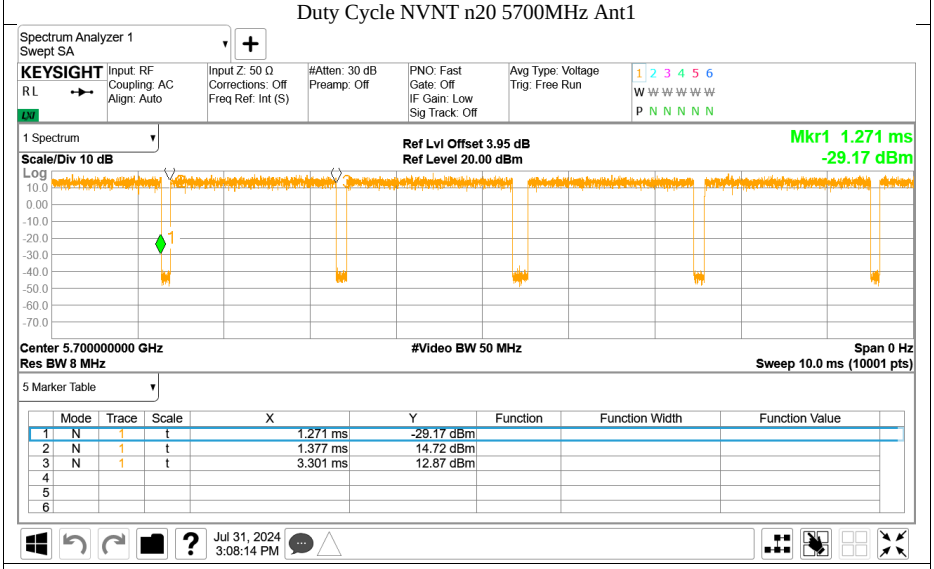
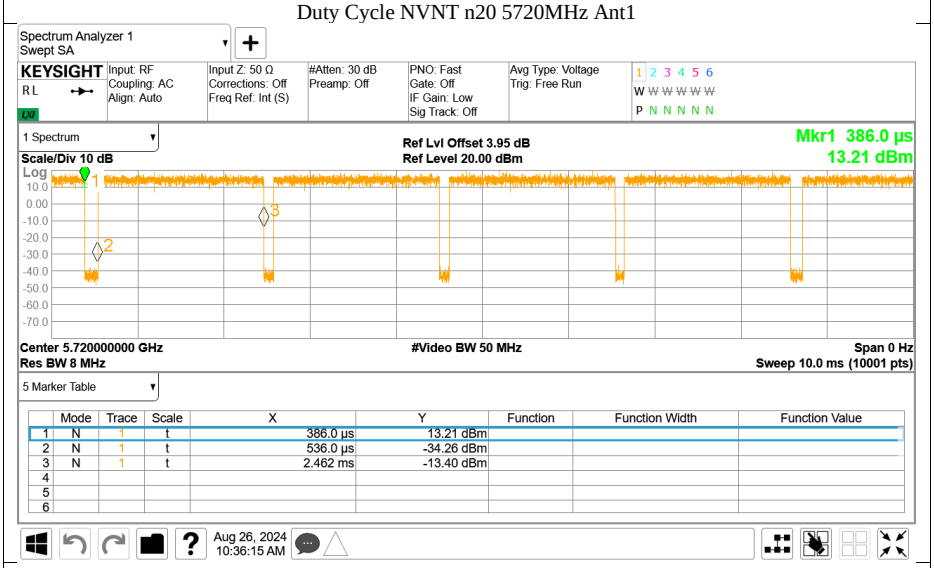
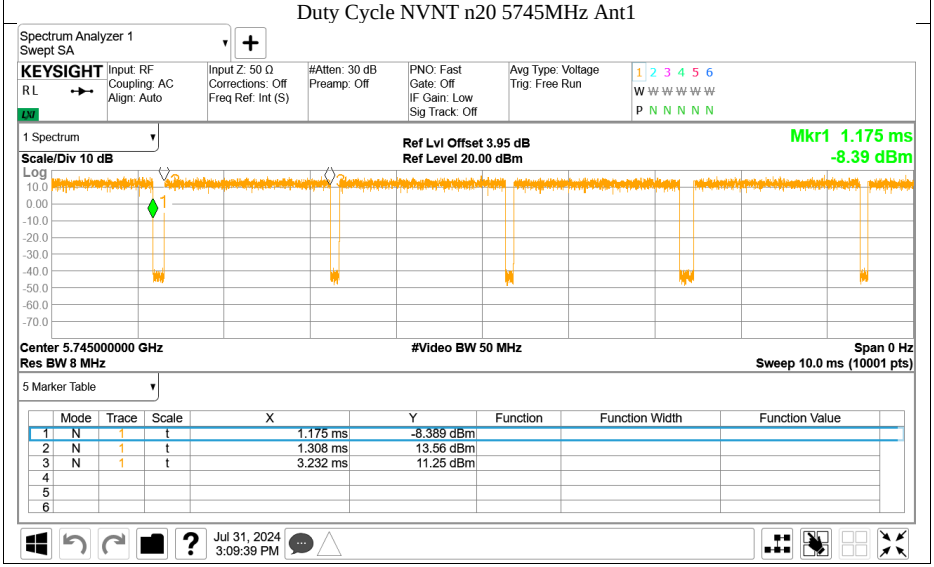
Duty Cycle NVNT n20 5700MHz Ant1



Duty Cycle NVNT n20 5720MHz Ant1

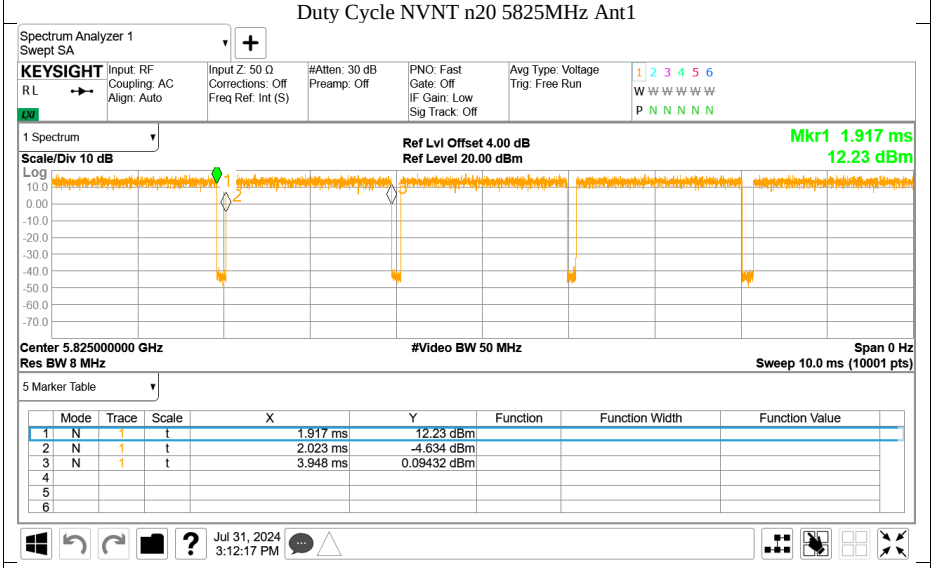


Duty Cycle NVNT n20 5745MHz Ant1

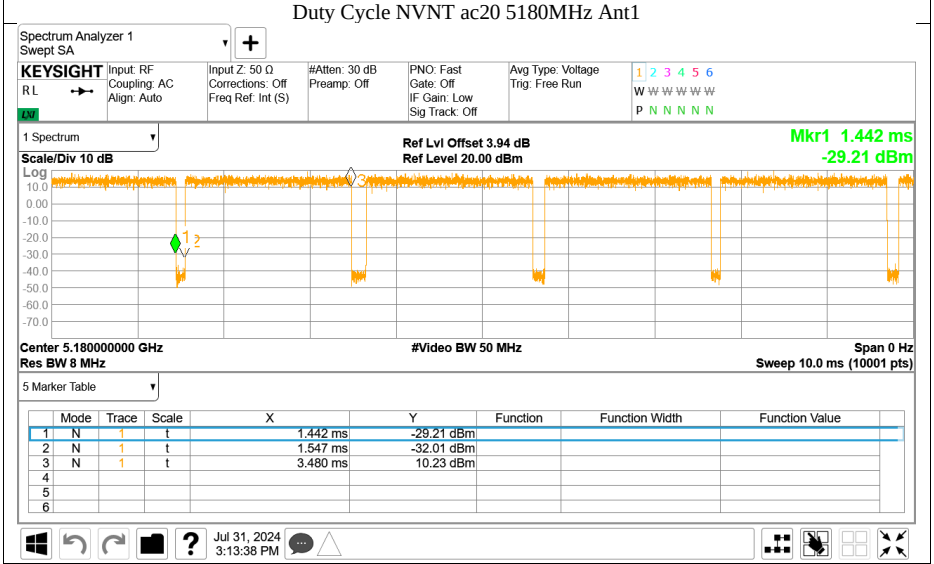


Duty Cycle NVNT n20 5785MHz Ant1

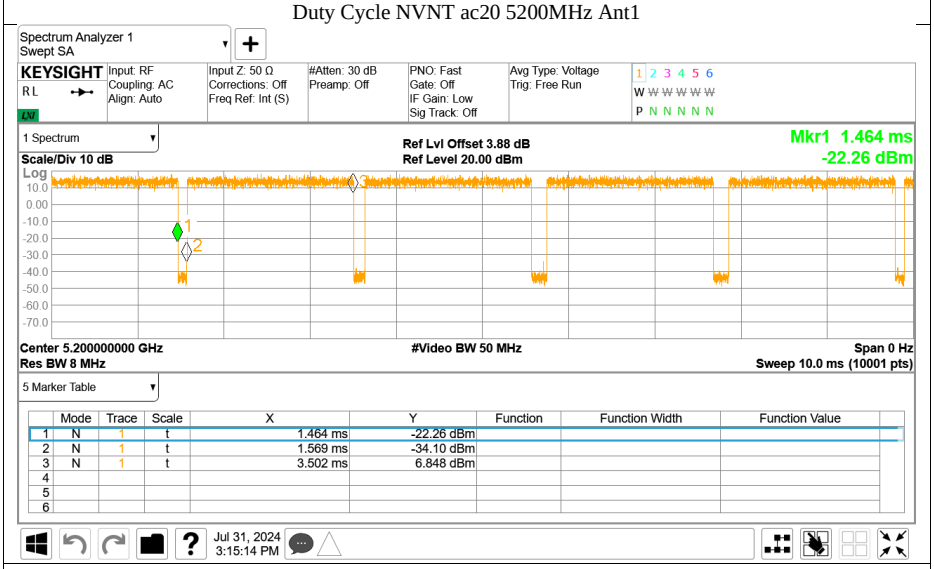
Duty Cycle NVNT n20 5825MHz Ant1



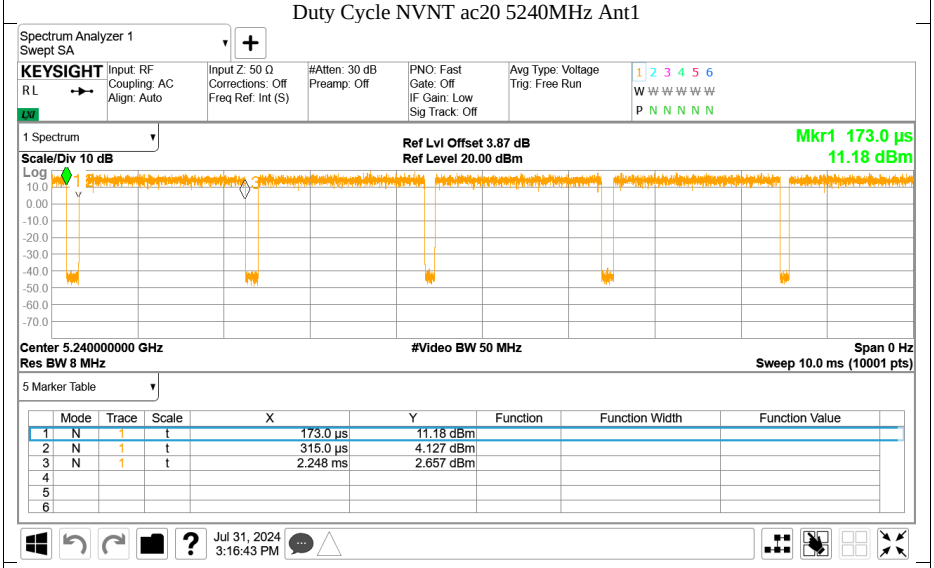
Duty Cycle NVNT ac20 5180MHz Ant1



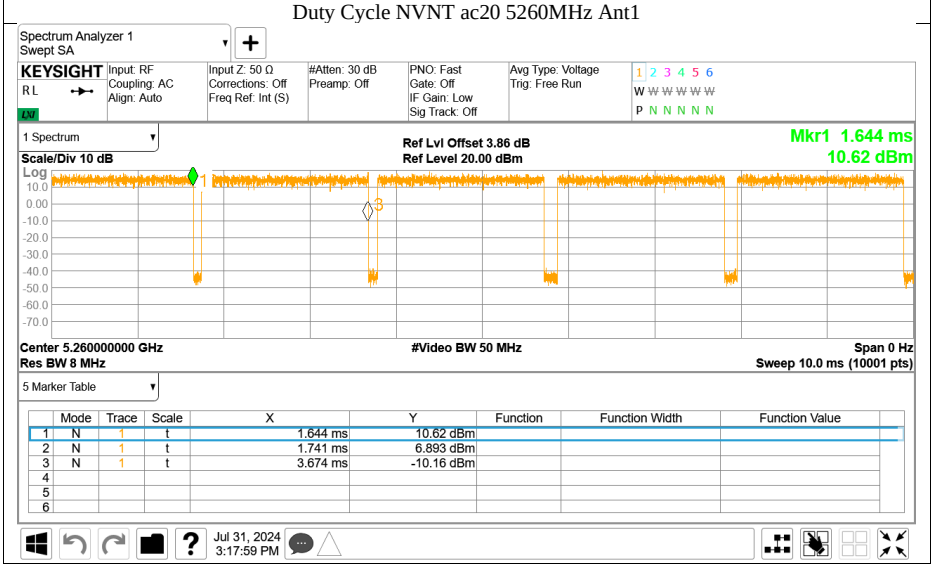
Duty Cycle NVNT ac20 5200MHz Ant1



Duty Cycle NVNT ac20 5240MHz Ant1



Duty Cycle NVNT ac20 5260MHz Ant1



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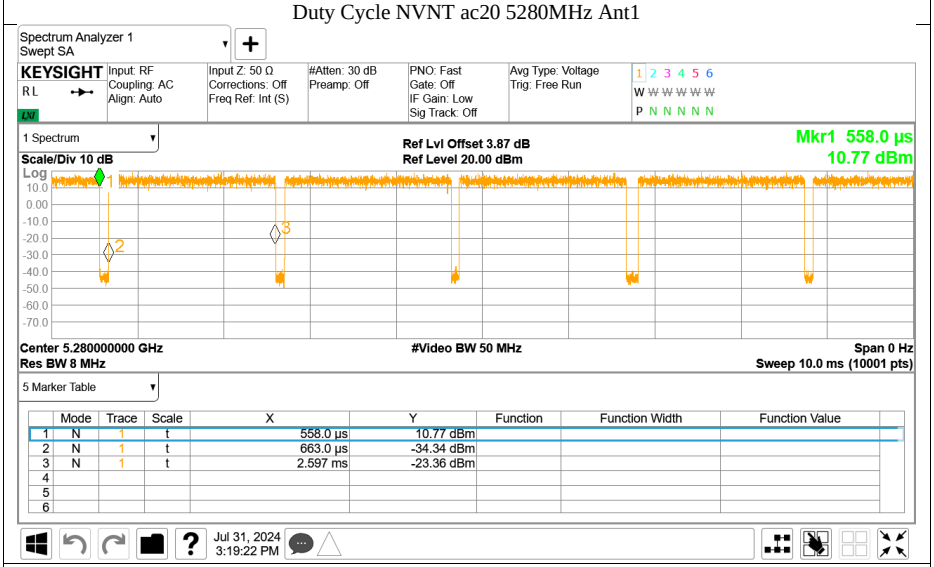
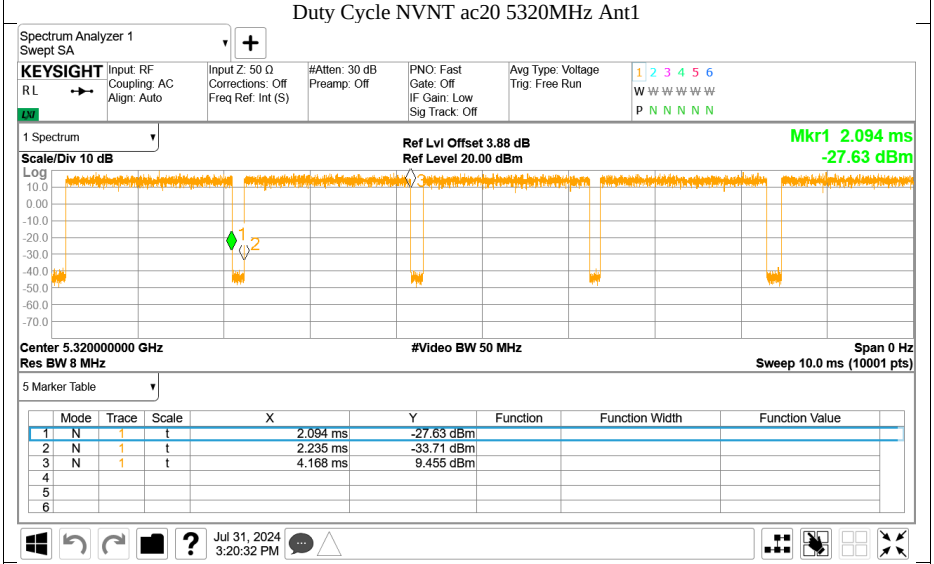
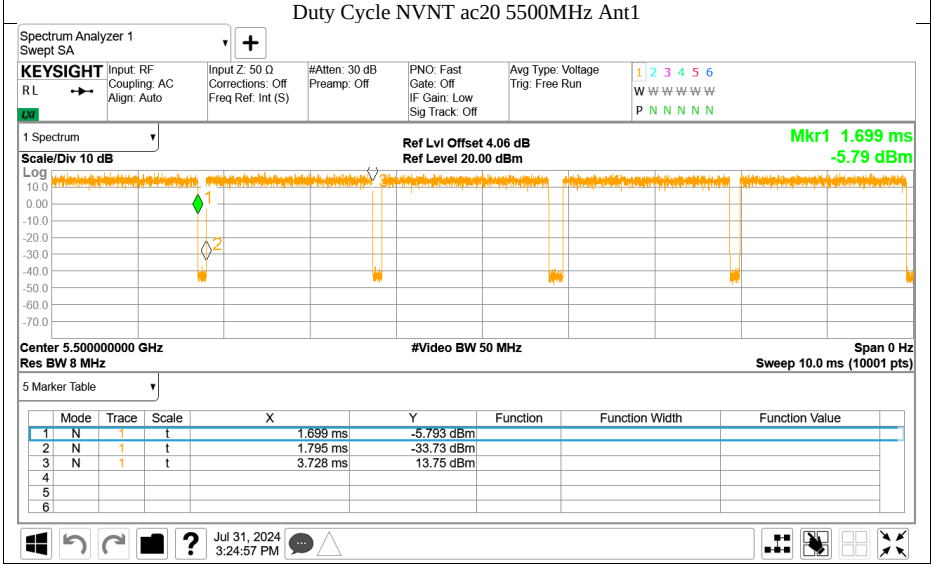
Duty Cycle NVNT ac20 5280MHz Ant1



Duty Cycle NVNT ac20 5320MHz Ant1



Duty Cycle NVNT ac20 5500MHz Ant1



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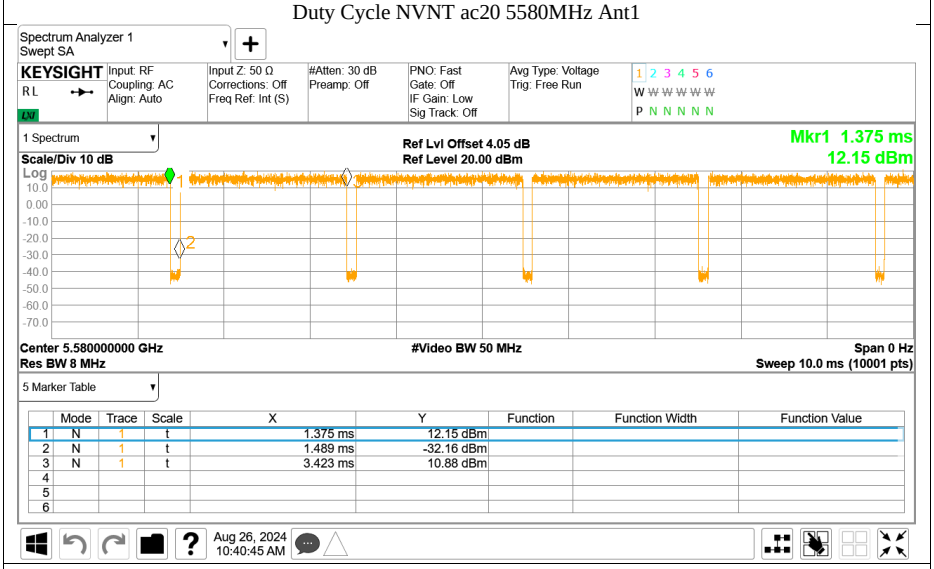
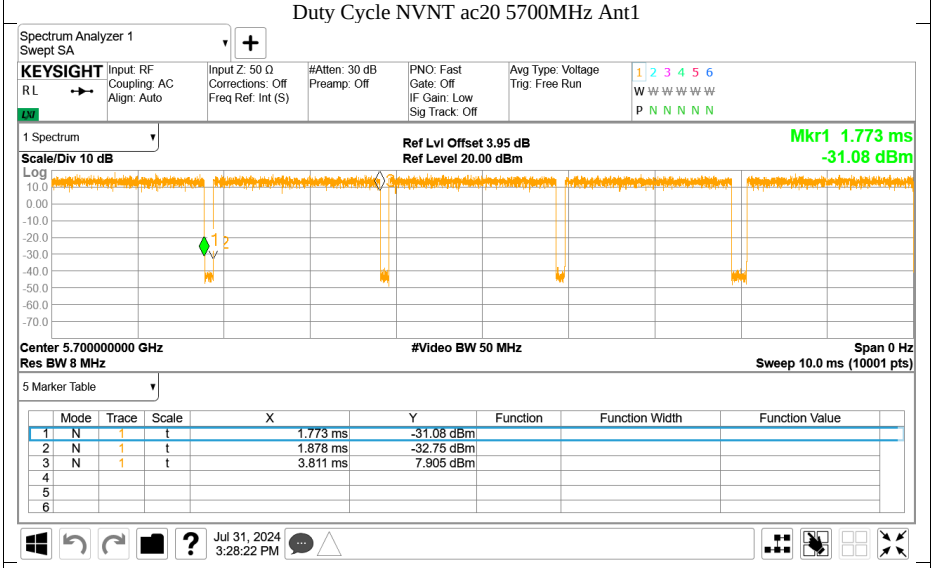
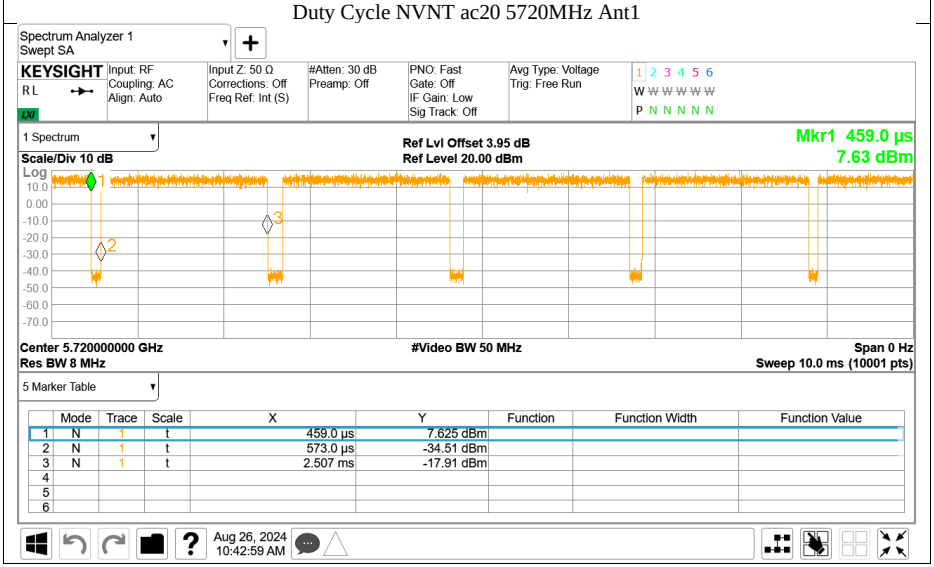
Duty Cycle NVNT ac20 5580MHz Ant1



Duty Cycle NVNT ac20 5700MHz Ant1



Duty Cycle NVNT ac20 5720MHz Ant1



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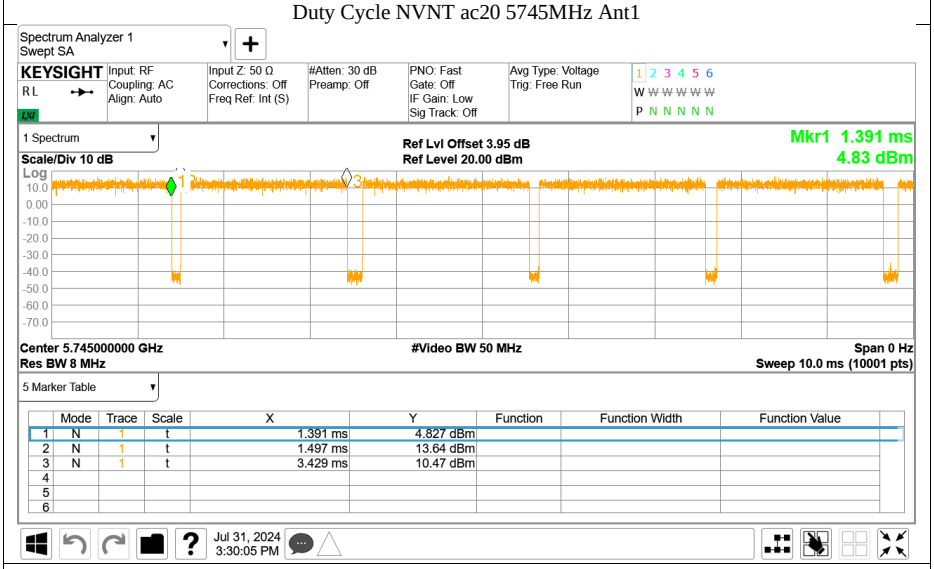
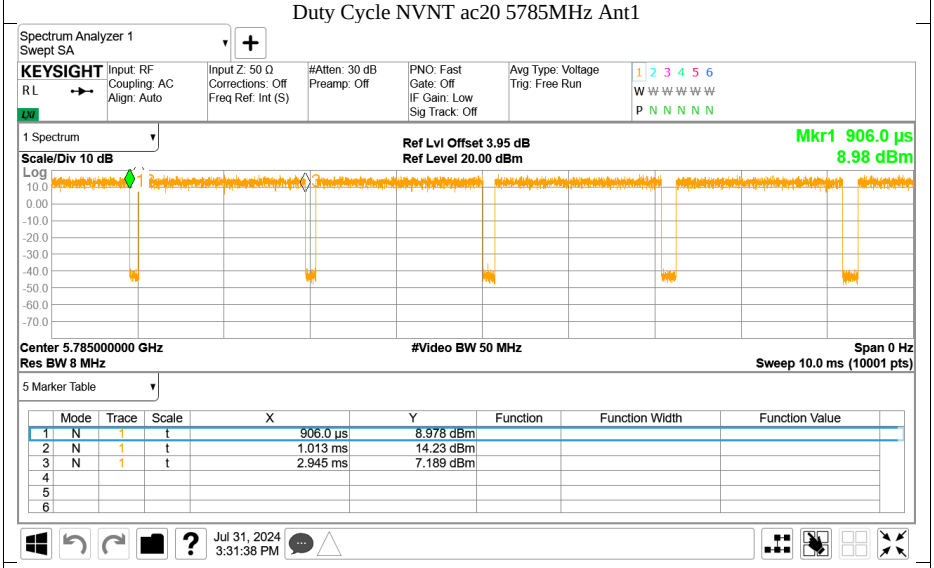
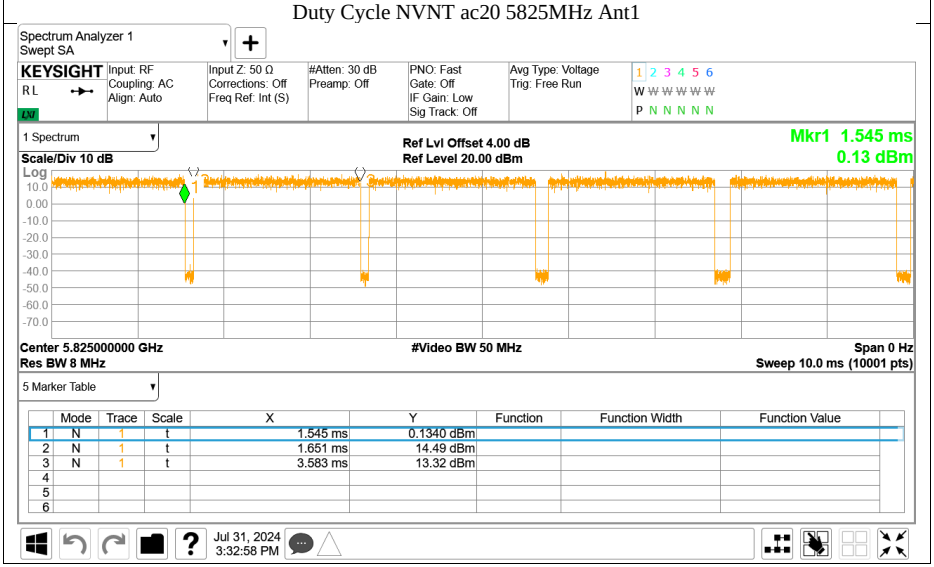
Duty Cycle NVNT ac20 5745MHz Ant1



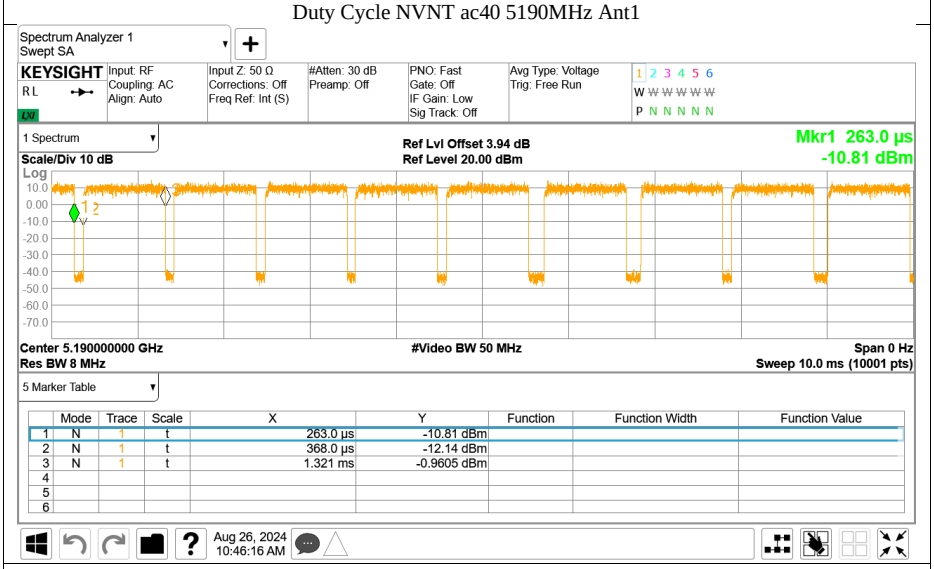
Duty Cycle NVNT ac20 5785MHz Ant1



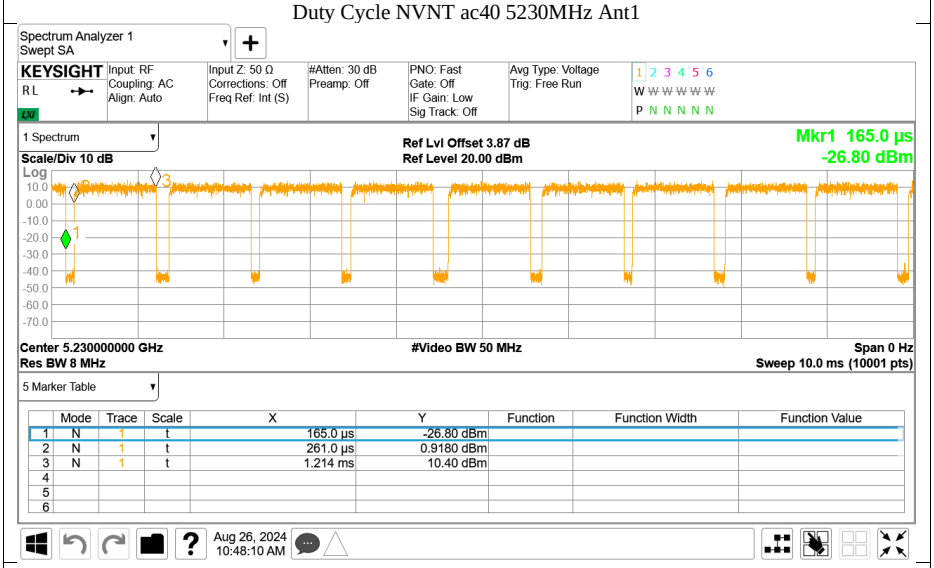
Duty Cycle NVNT ac20 5825MHz Ant1



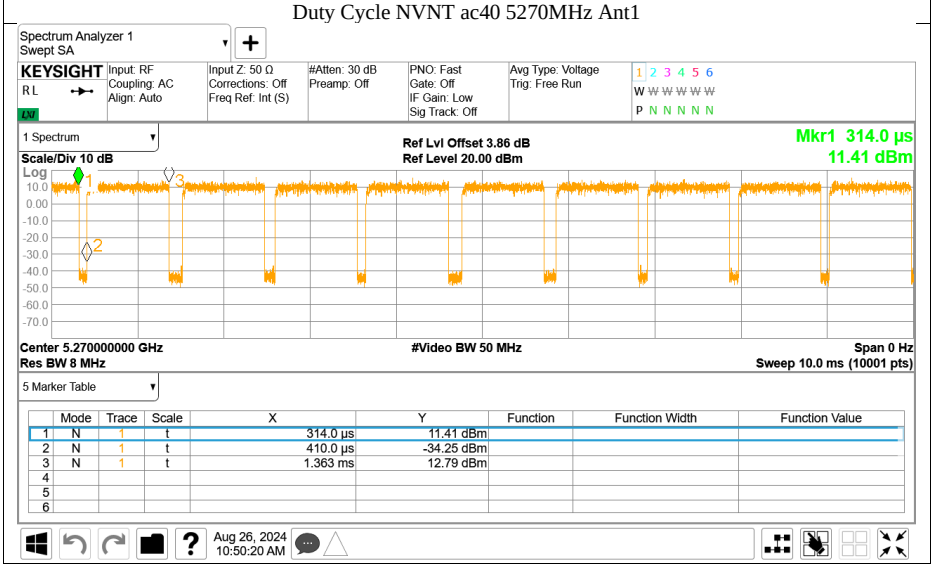
Duty Cycle NVNT ac40 5190MHz Ant1



Duty Cycle NVNT ac40 5230MHz Ant1



Duty Cycle NVNT ac40 5270MHz Ant1



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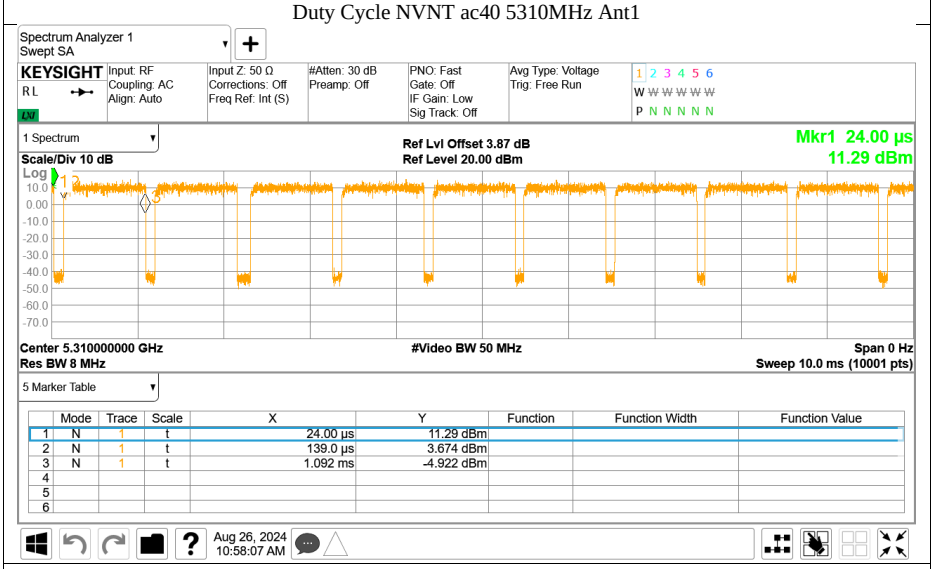
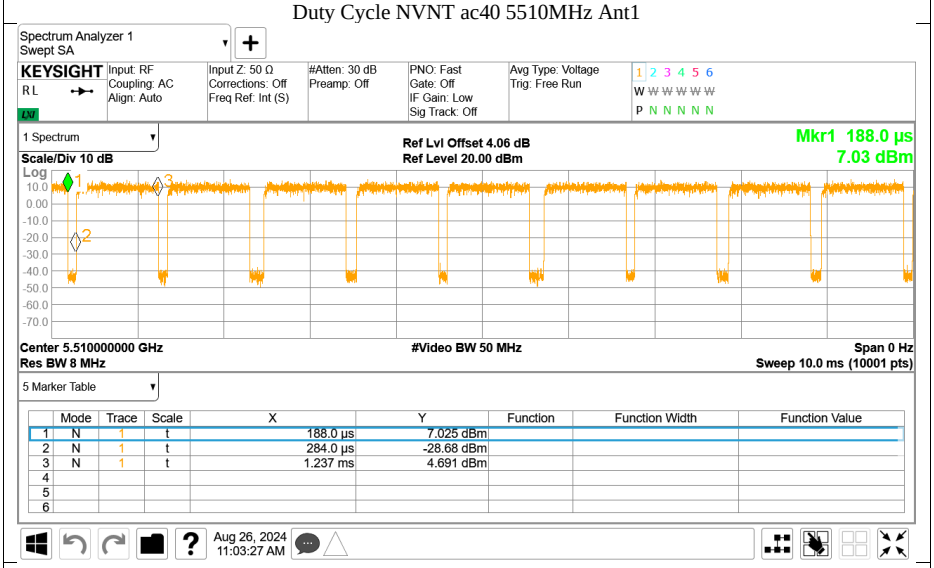
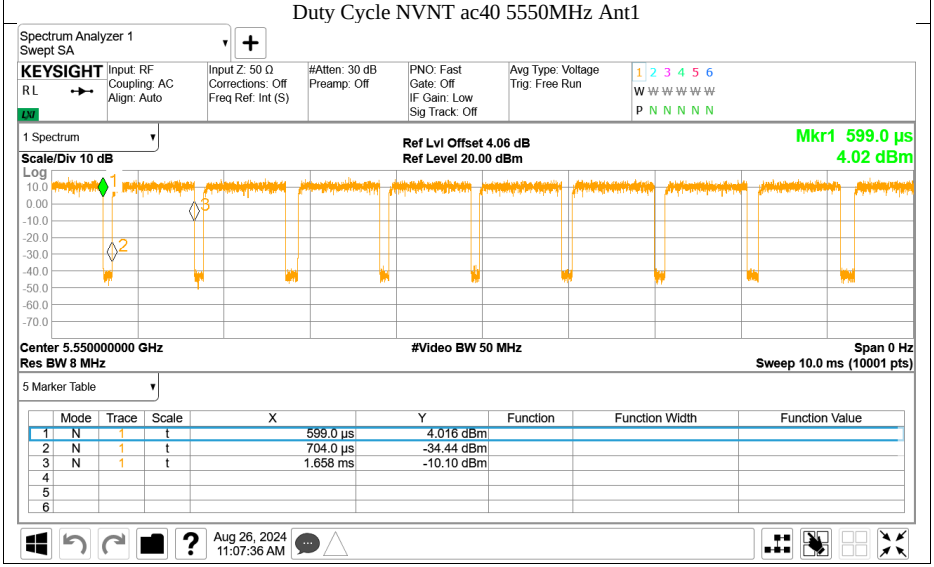
Duty Cycle NVNT ac40 5310MHz Ant1



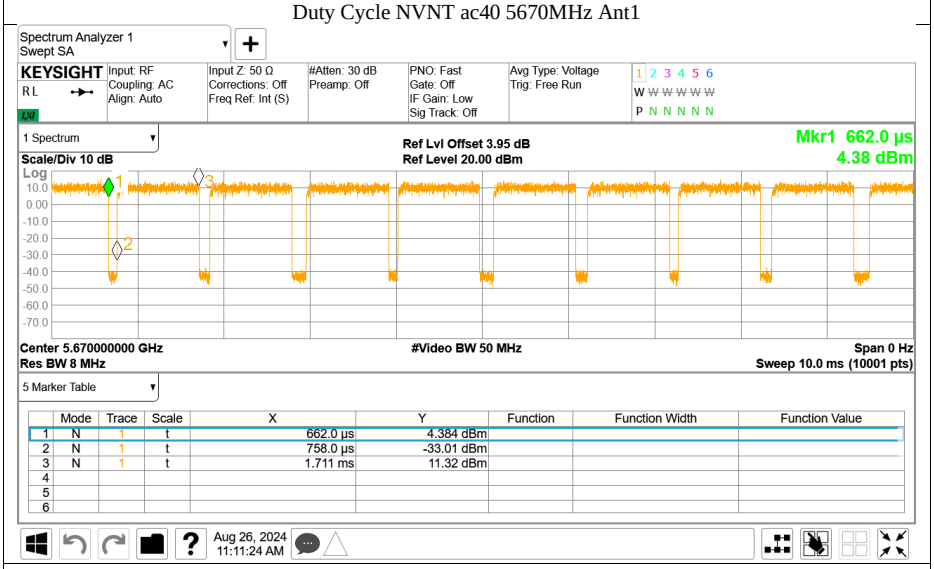
Duty Cycle NVNT ac40 5510MHz Ant1



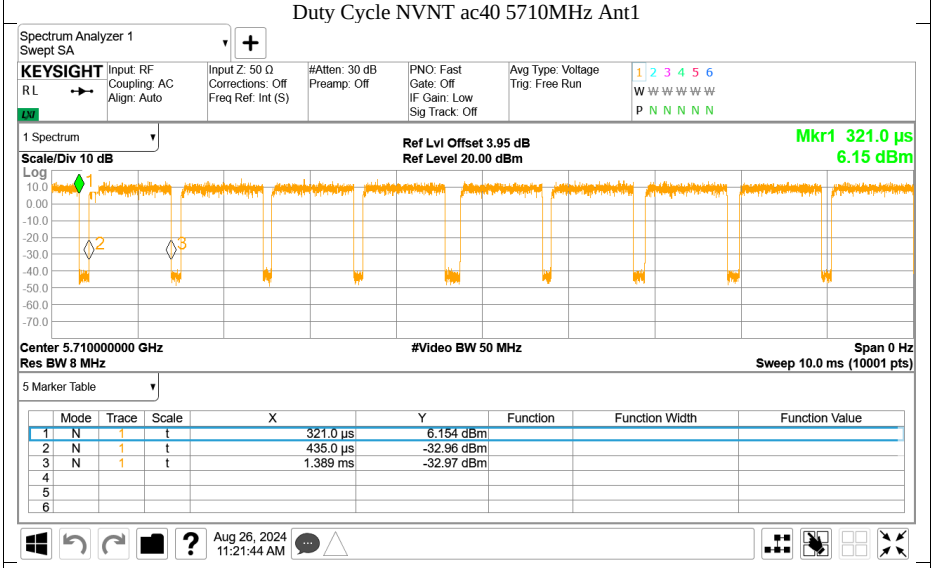
Duty Cycle NVNT ac40 5550MHz Ant1



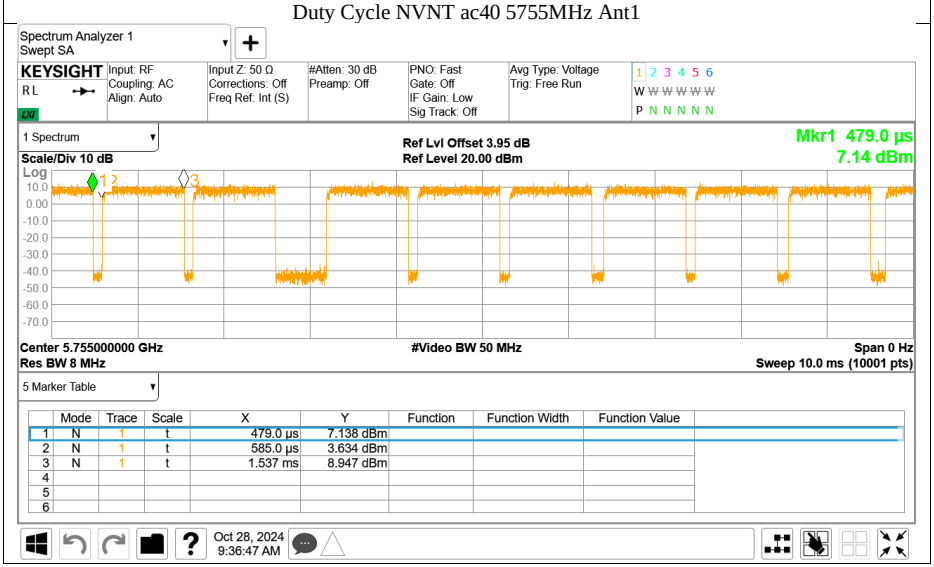
Duty Cycle NVNT ac40 5670MHz Ant1



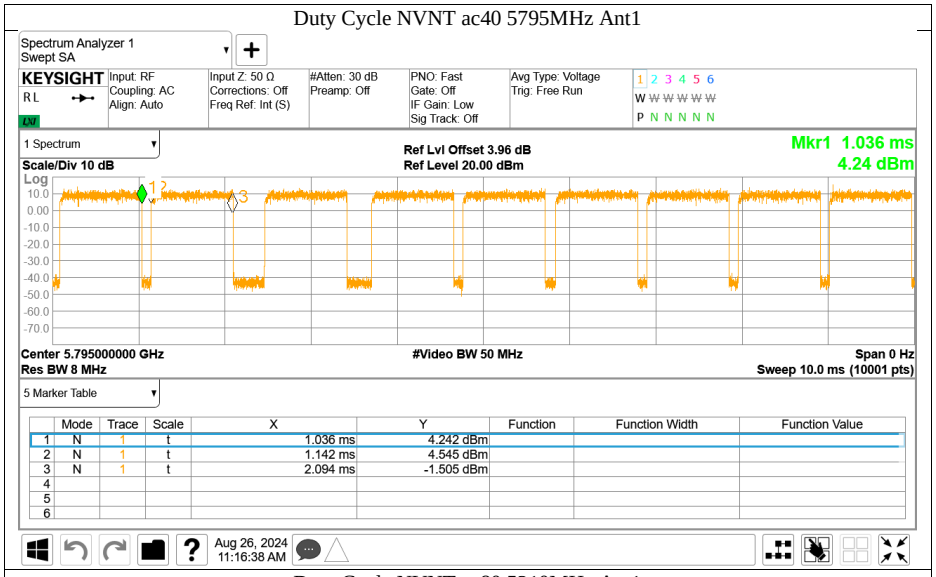
Duty Cycle NVNT ac40 5710MHz Ant1



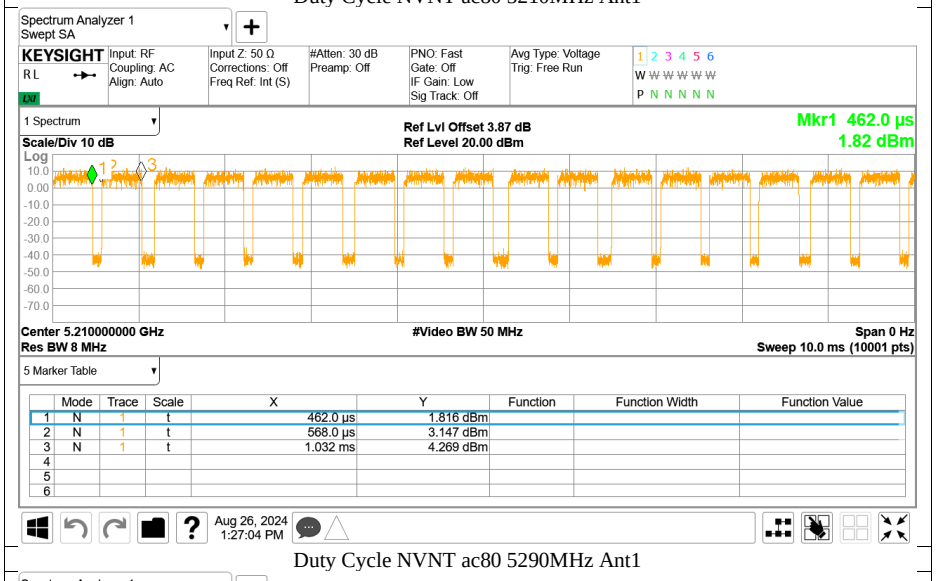
Duty Cycle NVNT ac40 5755MHz Ant1



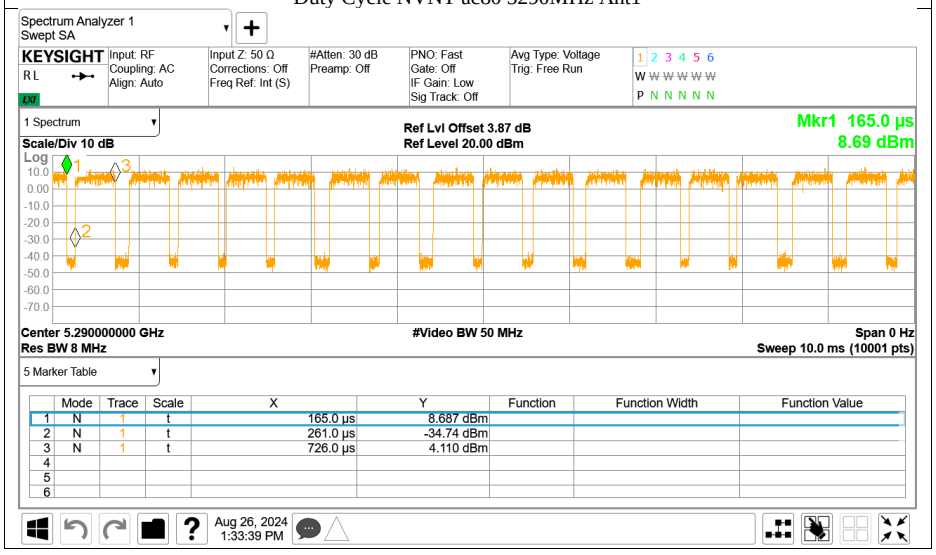
Duty Cycle NVNT ac40 5795MHz Ant1



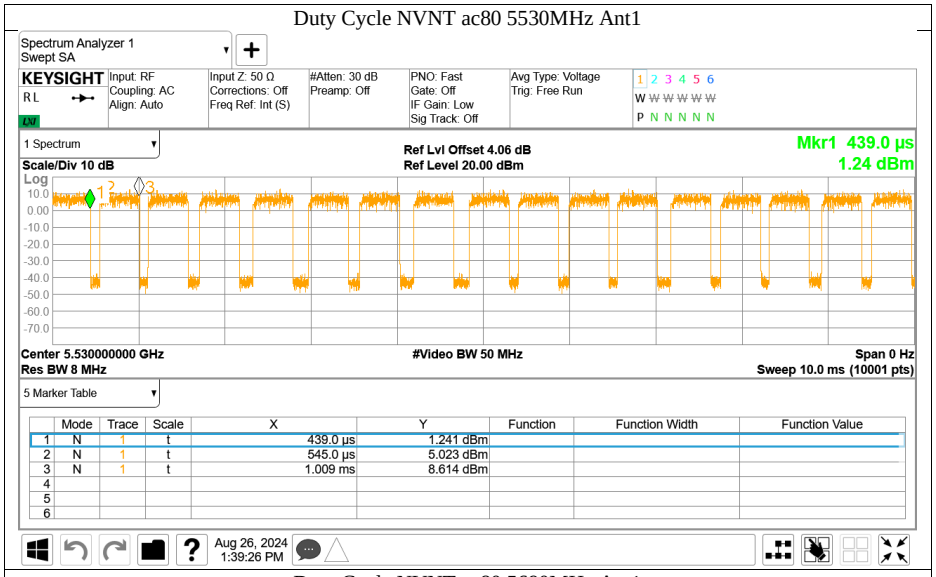
Duty Cycle NVNT ac80 5210MHz Ant1



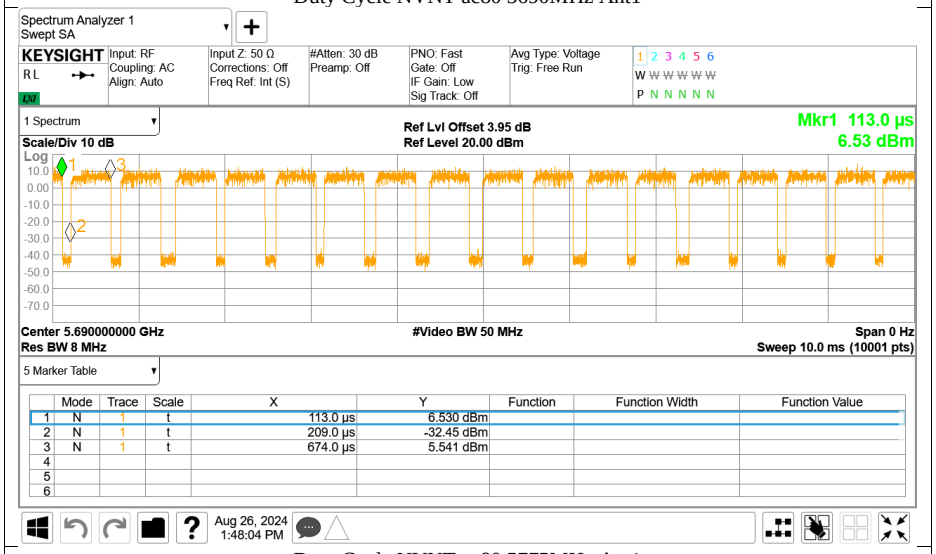
Duty Cycle NVNT ac80 5290MHz Ant1



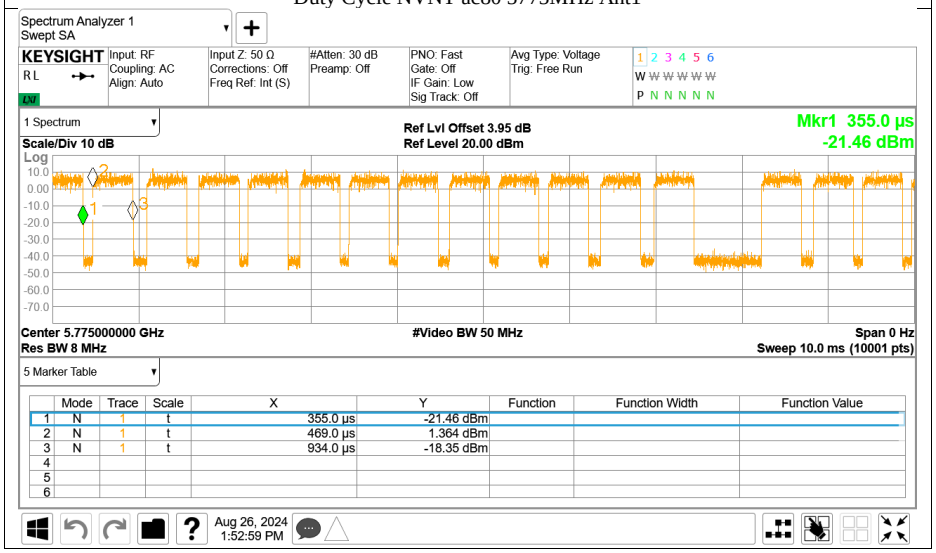
Duty Cycle NVNT ac80 5530MHz Ant1



Duty Cycle NVNT ac80 5690MHz Ant1



Duty Cycle NVNT ac80 5775MHz Ant1



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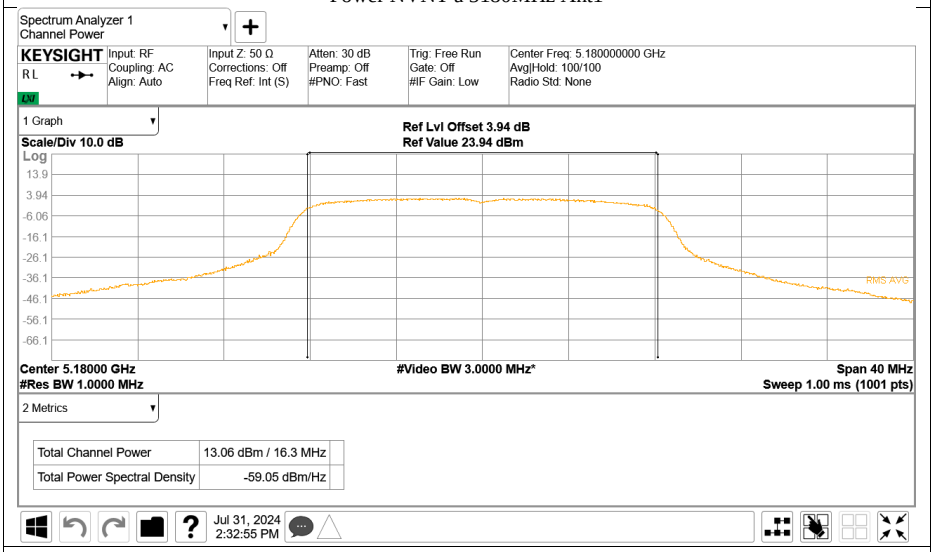
2 Maximum Conducted Output Power

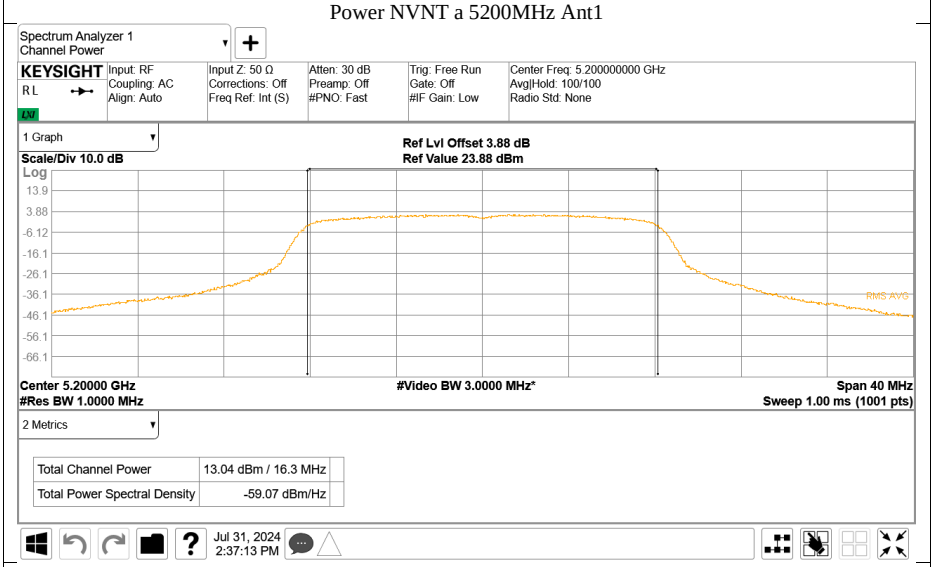
Condition	Mode	Frequency (MHz)	Ant	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	FCC Limit (dBm)	Gain	E.I.R.P	IC power Limit (dBm)	IC E.I.R.P Limit (dBm)	Verdict
NVNT	a	5180	Ant1	13.06	0.21	13.27	24	3.52	16.79		22.2	Pass
NVNT	a	5200	Ant1	13.04	0.22	13.26	24	3.52	16.78		22.2	Pass
NVNT	a	5240	Ant1	13.37	0.27	13.64	24	3.52	17.16		22.2	Pass
NVNT	a	5260	Ant1	13.62	0.29	13.91	24	3.52	17.43	23.2	29.2	Pass
NVNT	a	5280	Ant1	13.65	0.29	13.94	24	3.52	17.46	23.2	29.2	Pass
NVNT	a	5320	Ant1	13.23	0.2	13.43	24	3.52	16.95	23.2	29.2	Pass
NVNT	a	5500	Ant1	13.05	0.22	13.27	24	3.52	16.79	23.2	29.2	Pass
NVNT	a	5580	Ant1	14.34	0.23	14.57	24	3.52	18.09	23.2	29.2	Pass
NVNT	a	5700	Ant1	12.32	0.22	12.54	24	3.52	16.06	23.2	29.2	Pass
NVNT	a	5720	Ant1	13.29	0.34	13.63	23.82	3.52	17.15	23.2	29.2	Pass
NVNT	a	5745	Ant1	11.19	0.22	11.41	30	3.52	14.93	30		Pass
NVNT	a	5785	Ant1	12.11	0.22	12.33	30	3.52	15.85	30		Pass
NVNT	a	5825	Ant1	12.27	0.22	12.49	30	3.52	16.01	30		Pass
NVNT	n20	5180	Ant1	11.61	0.27	11.88	24	3.52	15.4		22.2	Pass
NVNT	n20	5200	Ant1	11.49	0.23	11.72	24	3.52	15.24		22.2	Pass
NVNT	n20	5240	Ant1	12.07	0.31	12.38	24	3.52	15.9		22.2	Pass
NVNT	n20	5260	Ant1	12.03	0.23	12.26	24	3.52	15.78	23.2	29.2	Pass
NVNT	n20	5280	Ant1	12.25	0.23	12.48	24	3.52	16	23.2	29.2	Pass
NVNT	n20	5320	Ant1	11.79	0.23	12.02	24	3.52	15.54	23.2	29.2	Pass
NVNT	n20	5500	Ant1	11.75	0.21	11.96	24	3.52	15.48	23.2	29.2	Pass
NVNT	n20	5580	Ant1	13.3	0.23	13.53	24	3.52	17.05	23.2	29.2	Pass
NVNT	n20	5700	Ant1	11.12	0.23	11.35	24	3.52	14.87	23.2	29.2	Pass
NVNT	n20	5720	Ant1	13.15	0.33	13.48	24	3.52	17	23.2	29.2	Pass
NVNT	n20	5745	Ant1	9.91	0.29	10.2	30	3.52	13.72	30		Pass
NVNT	n20	5785	Ant1	10.62	0.23	10.85	30	3.52	14.37	30		Pass
NVNT	n20	5825	Ant1	10.96	0.23	11.19	30	3.52	14.71	30		Pass
NVNT	ac20	5180	Ant1	11.54	0.23	11.77	24	3.52	15.29		22.2	Pass
NVNT	ac20	5200	Ant1	11.43	0.23	11.66	24	3.52	15.18		22.2	Pass
NVNT	ac20	5240	Ant1	11.66	0.31	11.97	24	3.52	15.49		22.2	Pass
NVNT	ac20	5260	Ant1	12.07	0.21	12.28	24	3.52	15.8	23.2	29.2	Pass
NVNT	ac20	5280	Ant1	12.18	0.23	12.41	24	3.52	15.93	23.2	29.2	Pass
NVNT	ac20	5320	Ant1	11.73	0.31	12.04	24	3.52	15.56	23.2	29.2	Pass
NVNT	ac20	5500	Ant1	11.84	0.21	12.05	24	3.52	15.57	23.2	29.2	Pass
NVNT	ac20	5580	Ant1	13.22	0.25	13.47	24	3.52	16.99	23.2	29.2	Pass
NVNT	ac20	5700	Ant1	11.04	0.23	11.27	24	3.52	14.79	23.2	29.2	Pass
NVNT	ac20	5720	Ant1	12.02	0.25	12.27	24	3.52	15.79	23.2	29.2	Pass
NVNT	ac20	5745	Ant1	9.65	0.23	9.88	30	3.52	13.4	30		Pass
NVNT	ac20	5785	Ant1	10.76	0.23	10.99	30	3.52	14.51	30		Pass
NVNT	ac20	5825	Ant1	10.89	0.23	11.12	30	3.52	14.64	30		Pass
NVNT	ac40	5190	Ant1	10.75	0.45	11.2	24	3.52	14.72		23	Pass
NVNT	ac40	5230	Ant1	10.72	0.42	11.14	24	3.52	14.66		23	Pass
NVNT	ac40	5270	Ant1	11.25	0.42	11.67	24	3.52	15.19		23	Pass
NVNT	ac40	5310	Ant1	11.1	0.49	11.59	24	3.52	15.11	24	30	Pass
NVNT	ac40	5510	Ant1	10.96	0.42	11.38	24	3.52	14.9	24	30	Pass
NVNT	ac40	5550	Ant1	11.54	0.45	11.99	24	3.52	15.51	24	30	Pass
NVNT	ac40	5670	Ant1	11.2	0.42	11.62	24	3.52	15.14	24	30	Pass
NVNT	ac40	5710	Ant1	10.5	0.49	10.99	24	3.52	14.51	24	30	Pass
NVNT	ac40	5755	Ant1	8.87	0.46	9.33	30	3.52	12.85	30		Pass
NVNT	ac40	5795	Ant1	10.05	0.46	10.51	30	3.52	14.03	30		Pass
NVNT	ac80	5210	Ant1	9.97	0.89	10.86	24	3.52	14.38		23	Pass
NVNT	ac80	5290	Ant1	10.48	0.81	11.29	24	3.52	14.81	24	30	Pass
NVNT	ac80	5530	Ant1	10.26	0.89	11.15	24	3.52	14.67	24	30	Pass
NVNT	ac80	5690	Ant1	10.17	0.81	10.98	24	3.52	14.5	24	30	Pass
NVNT	ac80	5775	Ant1	8	0.95	8.95	30	3.52	12.47	30		Pass

Test Graphs

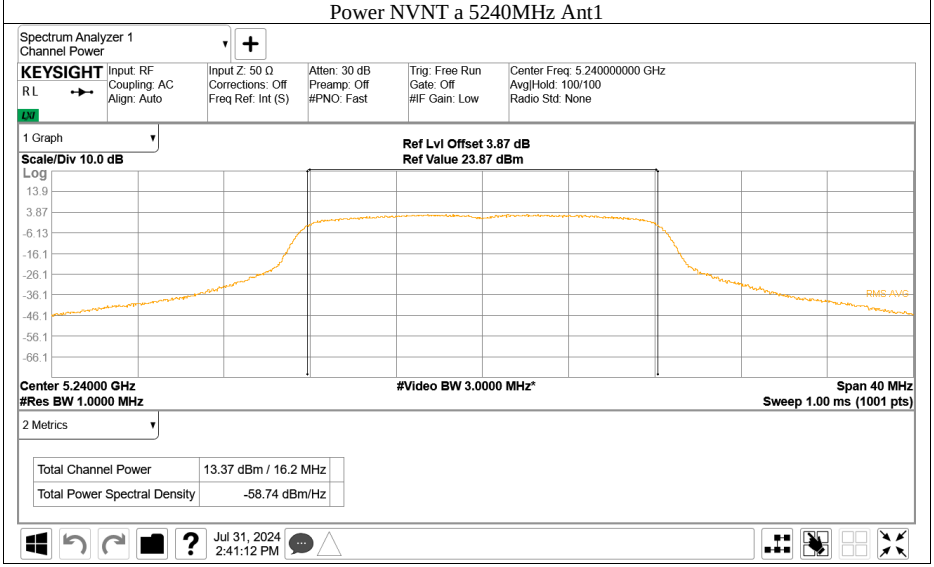
Power NVNT a 5180MHz Ant1



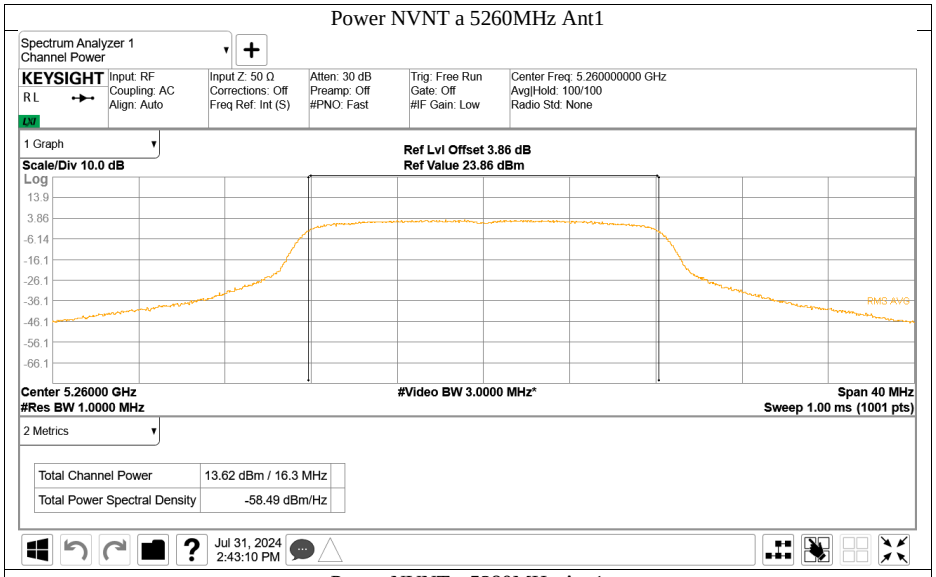
Power NVNT a 5200MHz Ant1



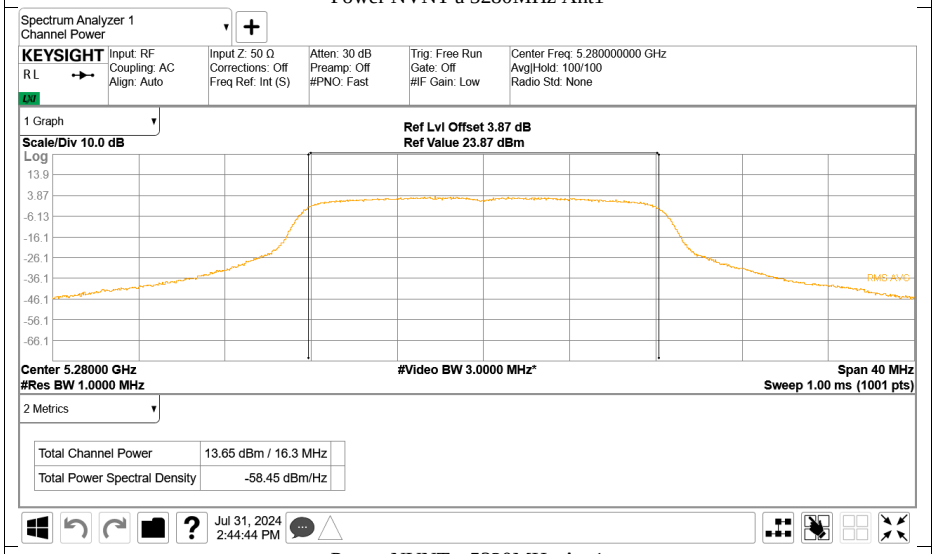
Power NVNT a 5240MHz Ant1



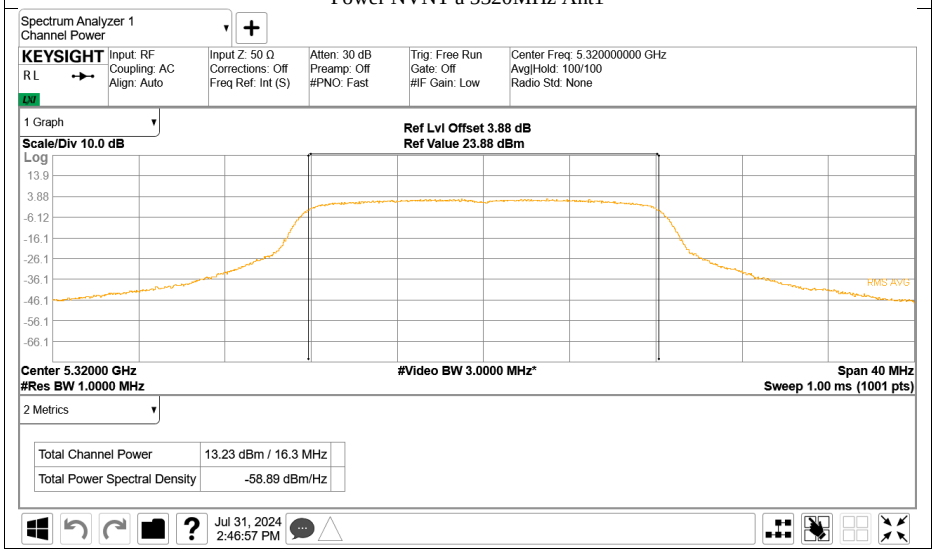
Power NVNT a 5260MHz Ant1



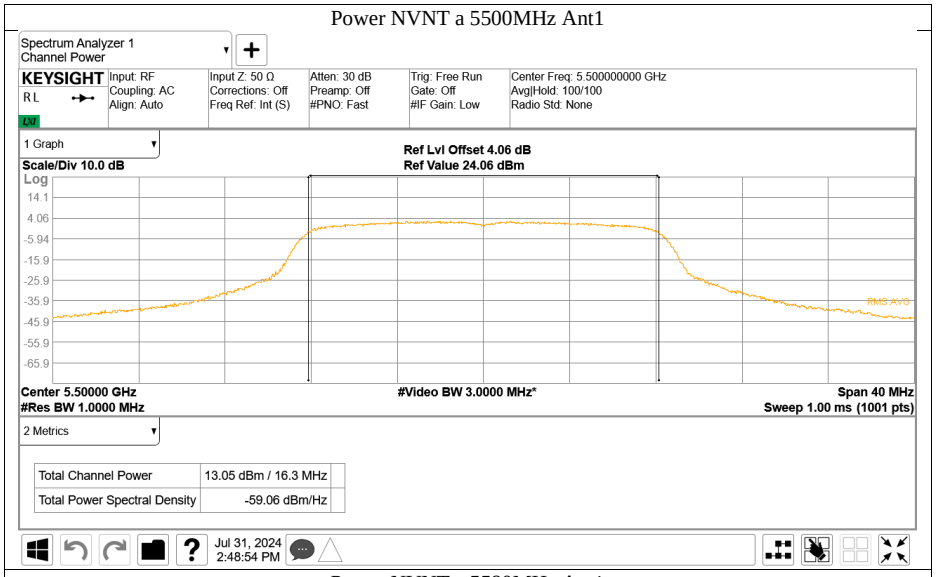
Power NVNT a 5280MHz Ant1



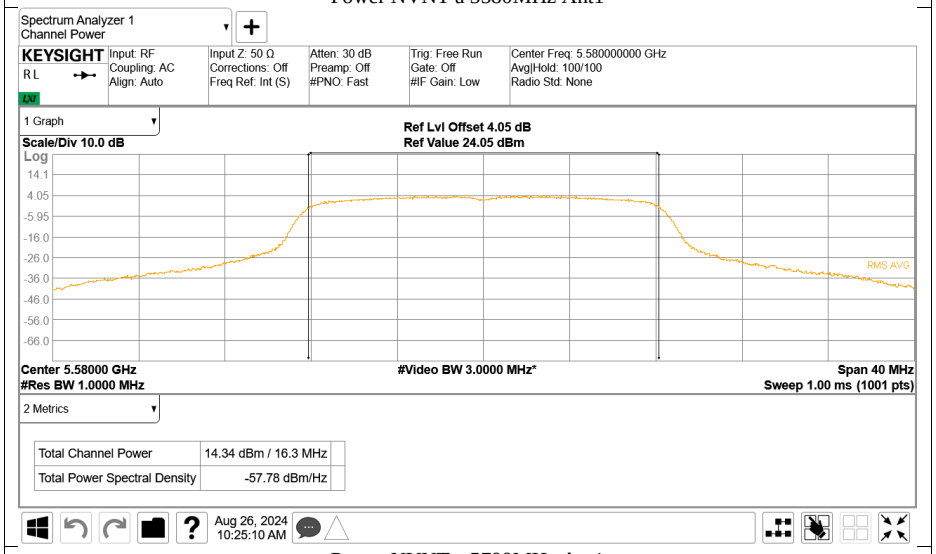
Power NVNT a 5320MHz Ant1



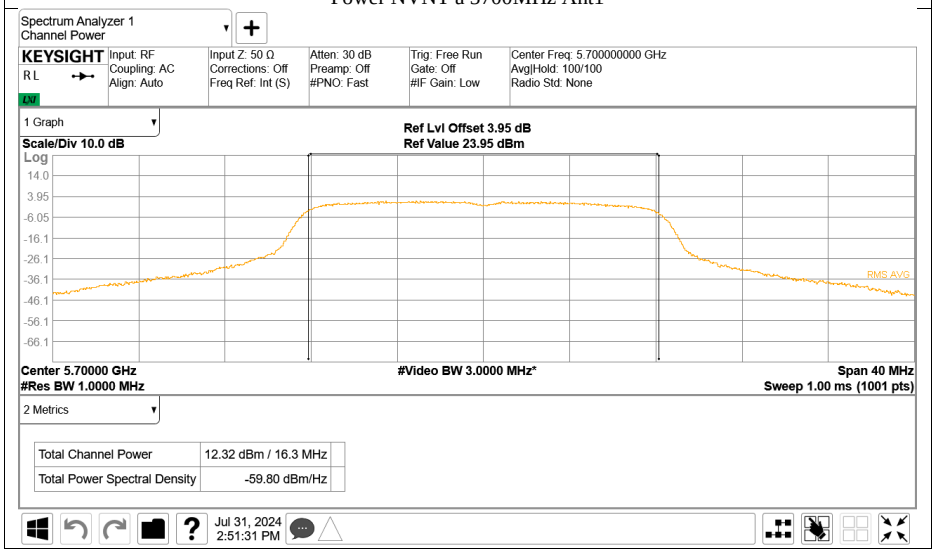
Power NVNT a 5500MHz Ant1



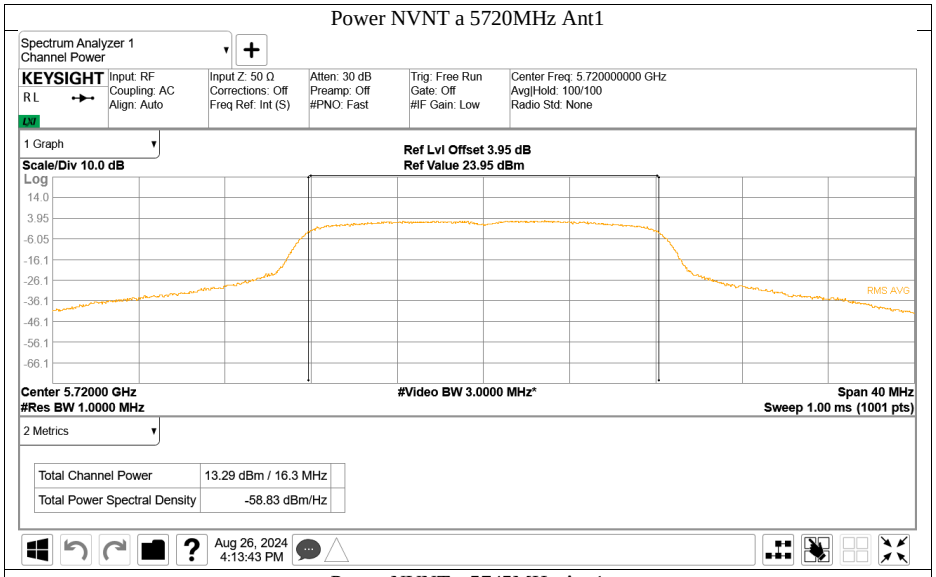
Power NVNT a 5580MHz Ant1



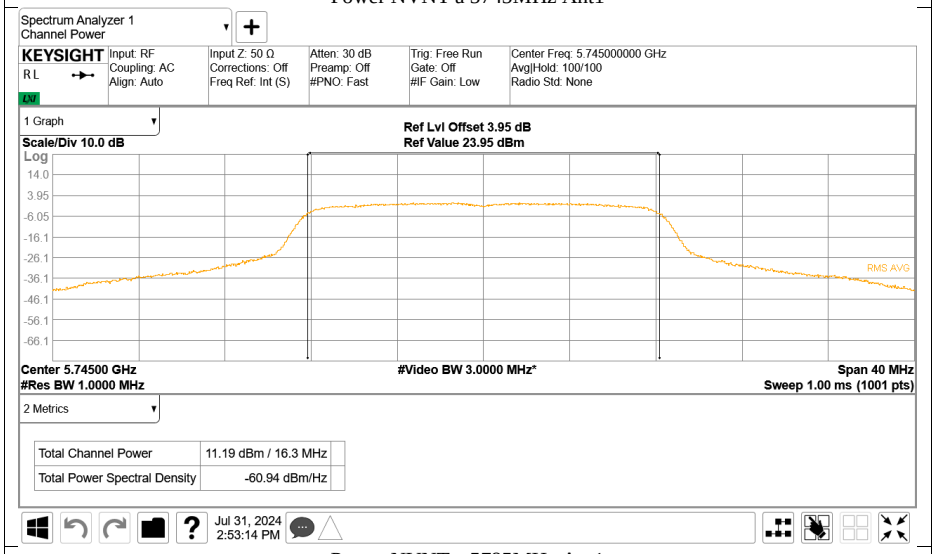
Power NVNT a 5700MHz Ant1



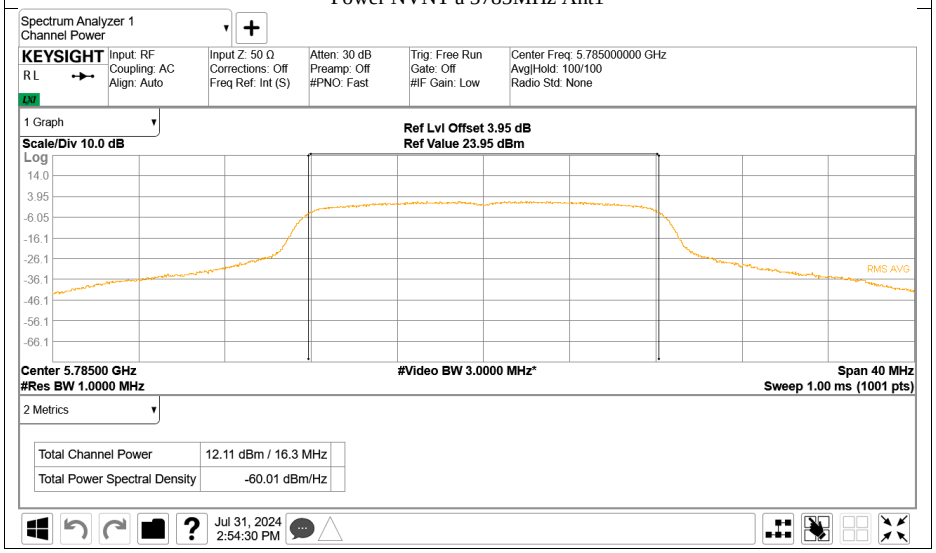
Power NVNT a 5720MHz Ant1



Power NVNT a 5745MHz Ant1



Power NVNT a 5785MHz Ant1



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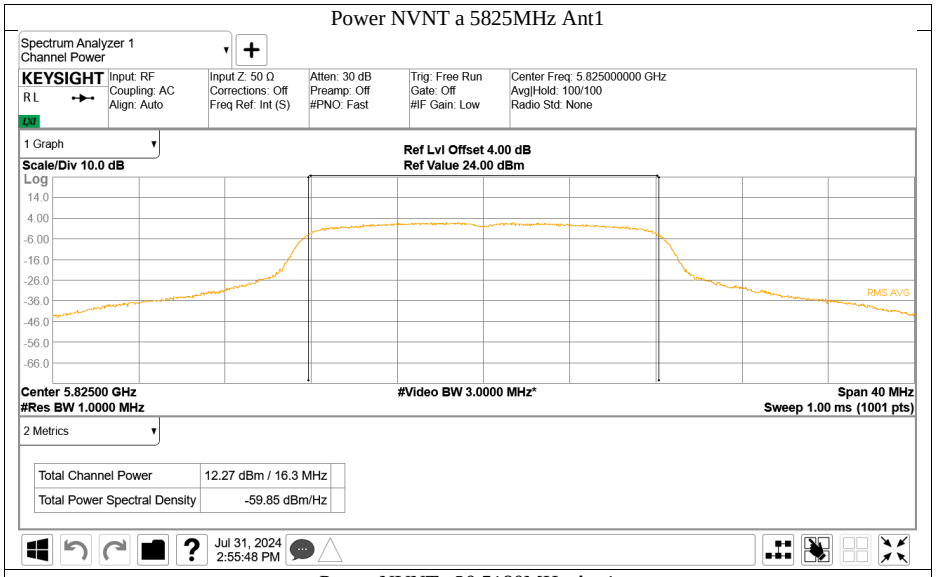
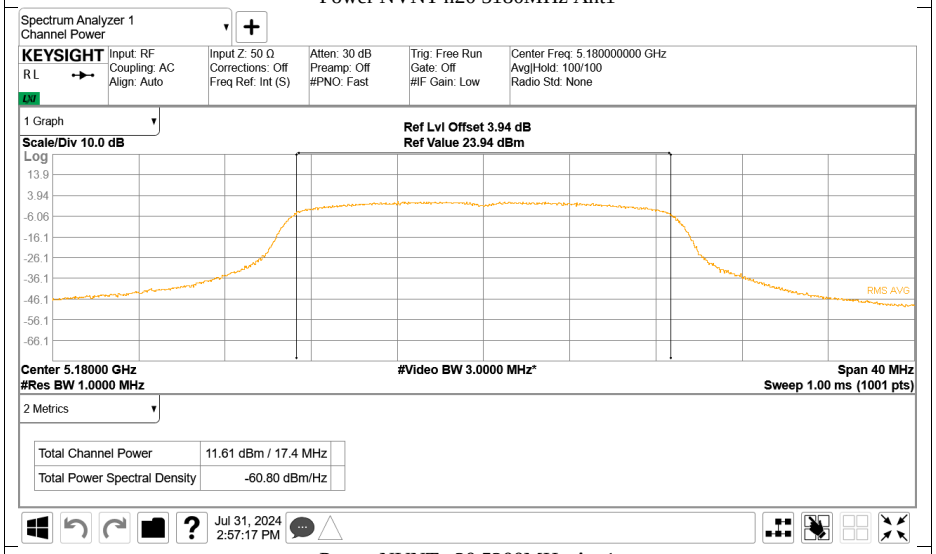
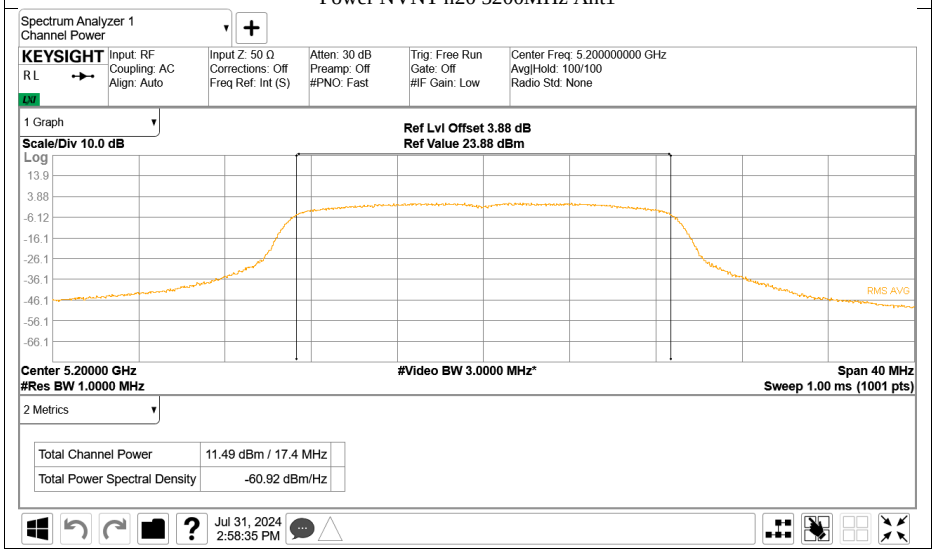
Power NVNT a 5825MHz Ant1



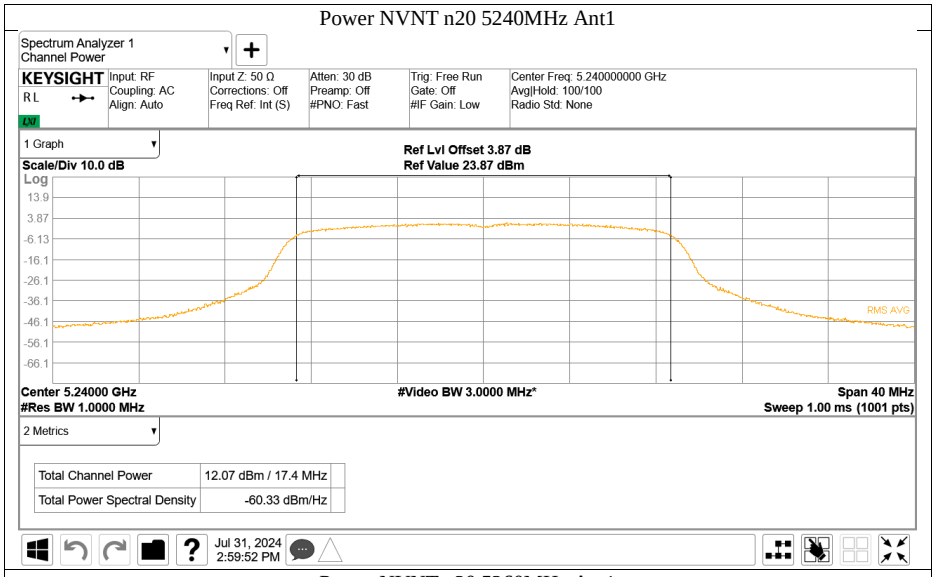
Power NVNT n20 5180MHz Ant1



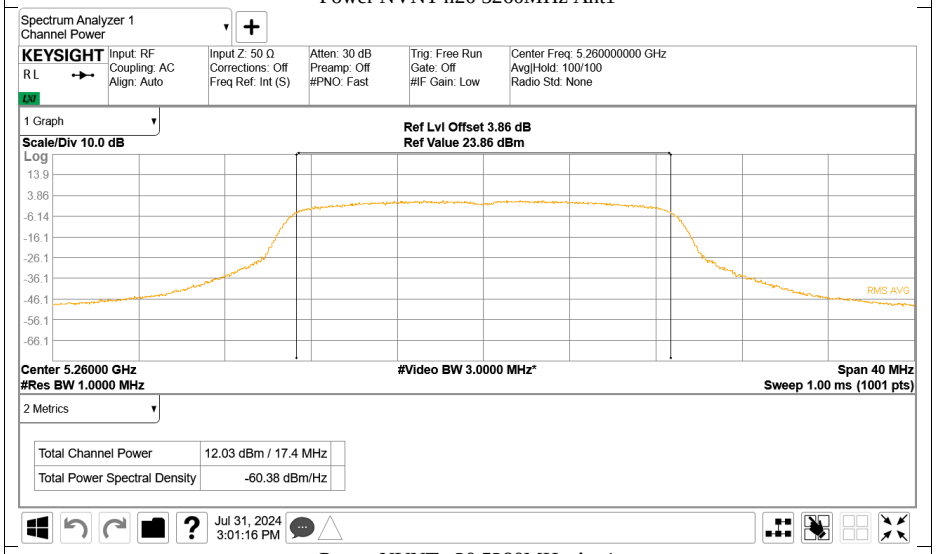
Power NVNT n20 5200MHz Ant1



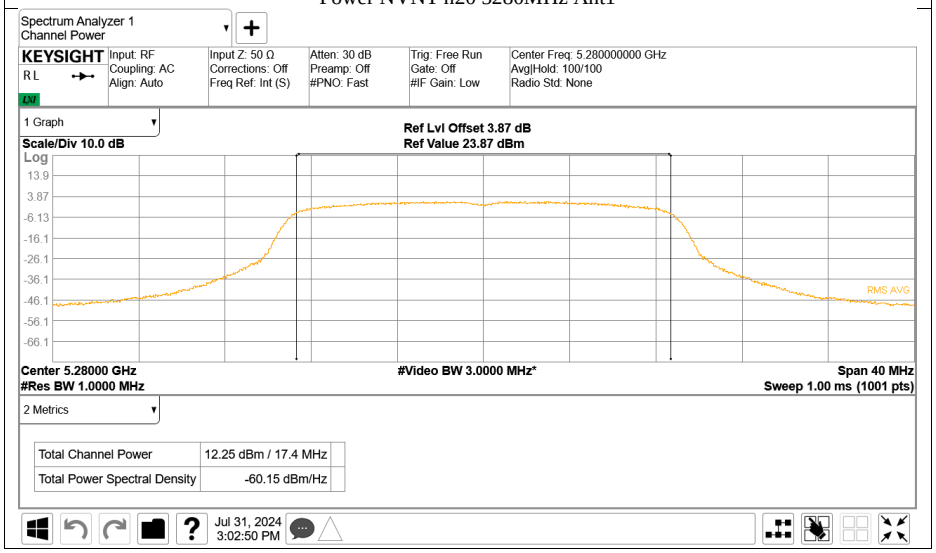
Power NVNT n20 5240MHz Ant1



Power NVNT n20 5260MHz Ant1



Power NVNT n20 5280MHz Ant1



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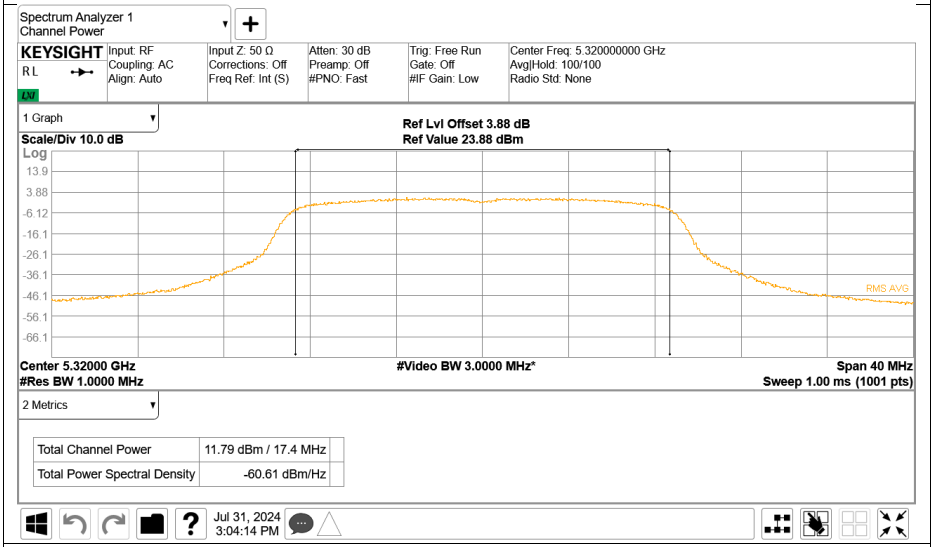
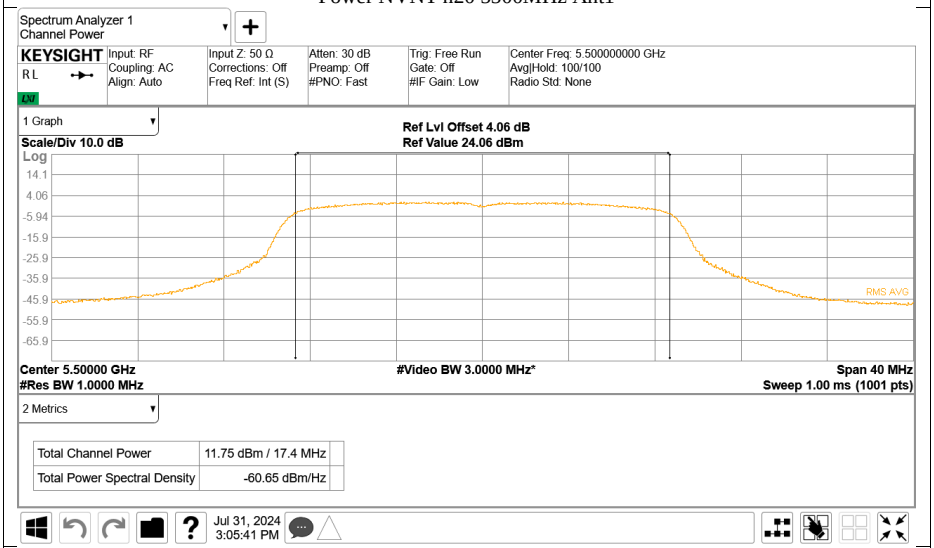
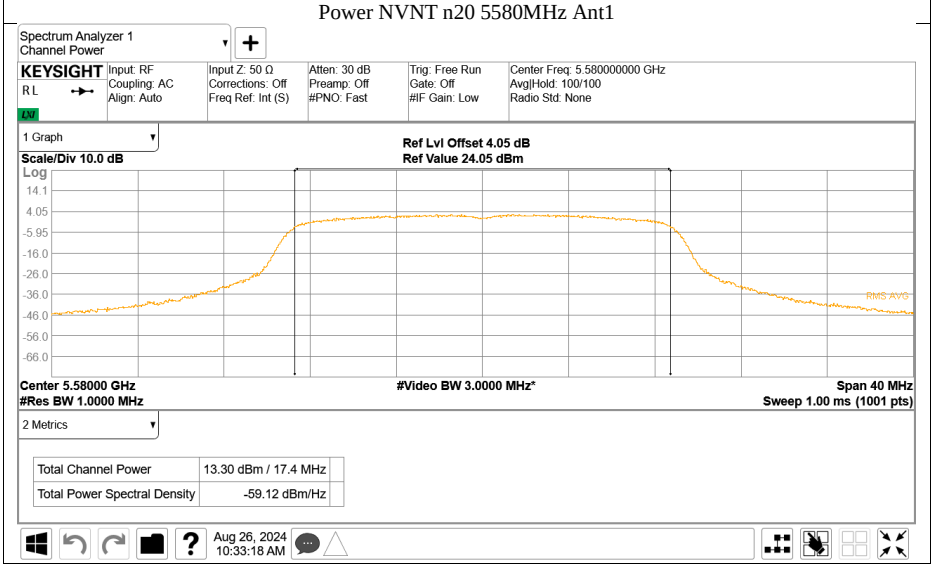
Power NVNT n20 5320MHz Ant1



Power NVNT n20 5500MHz Ant1



Power NVNT n20 5580MHz Ant1



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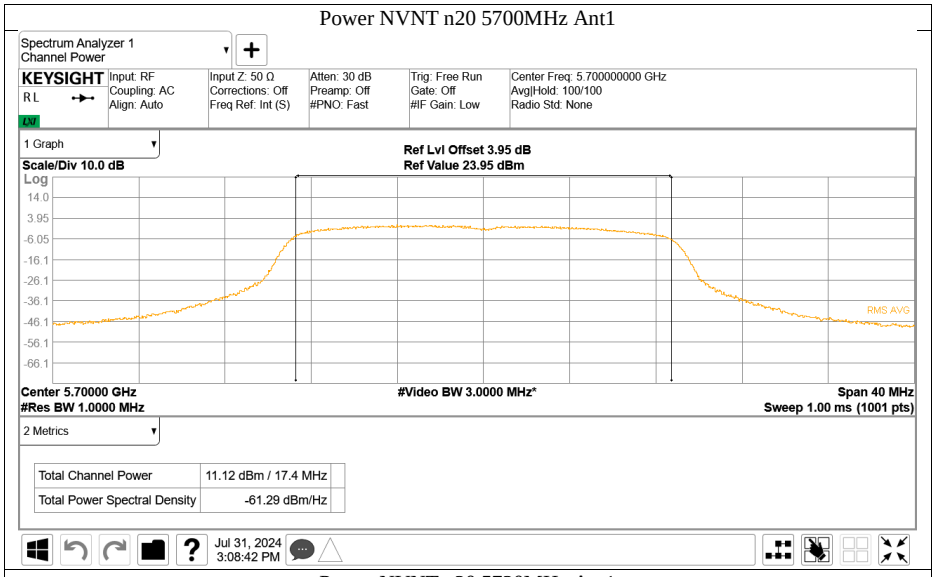
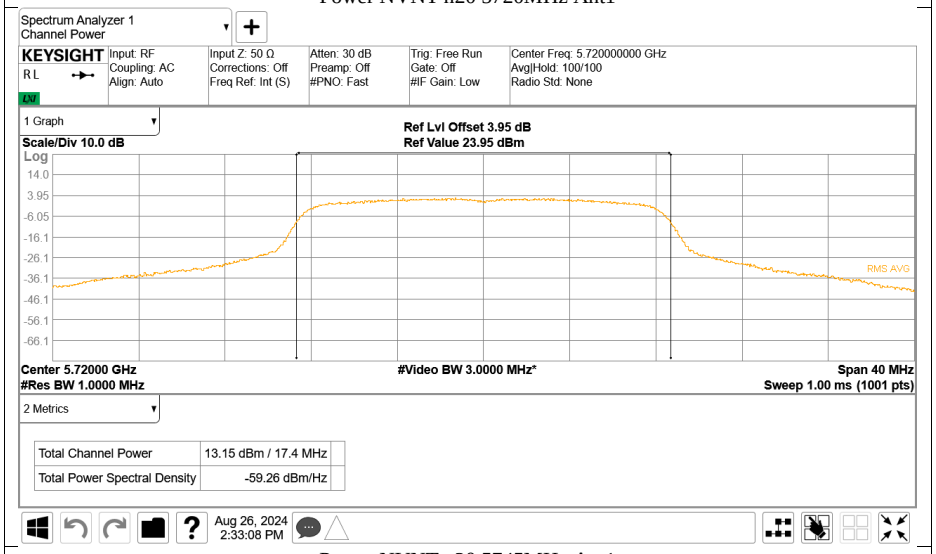
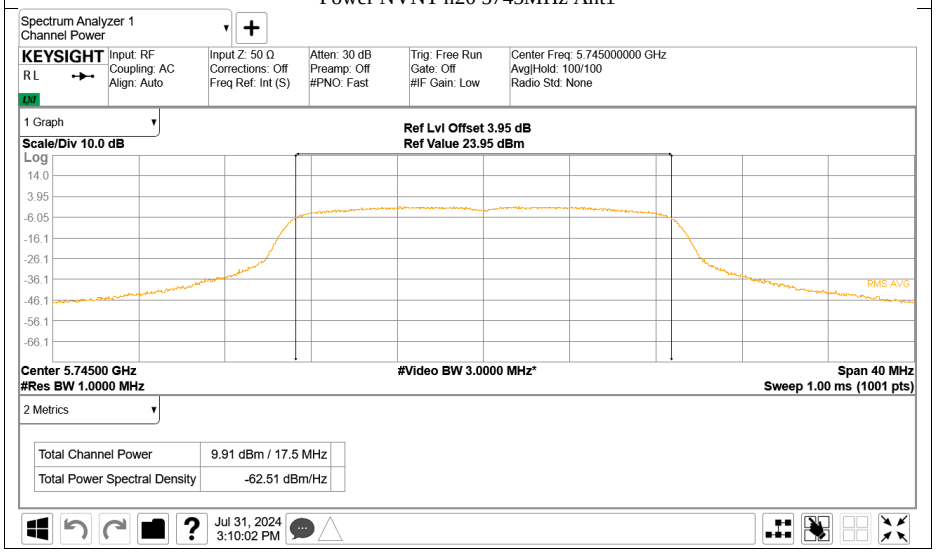
Power NVNT n20 5700MHz Ant1



Power NVNT n20 5720MHz Ant1



Power NVNT n20 5745MHz Ant1



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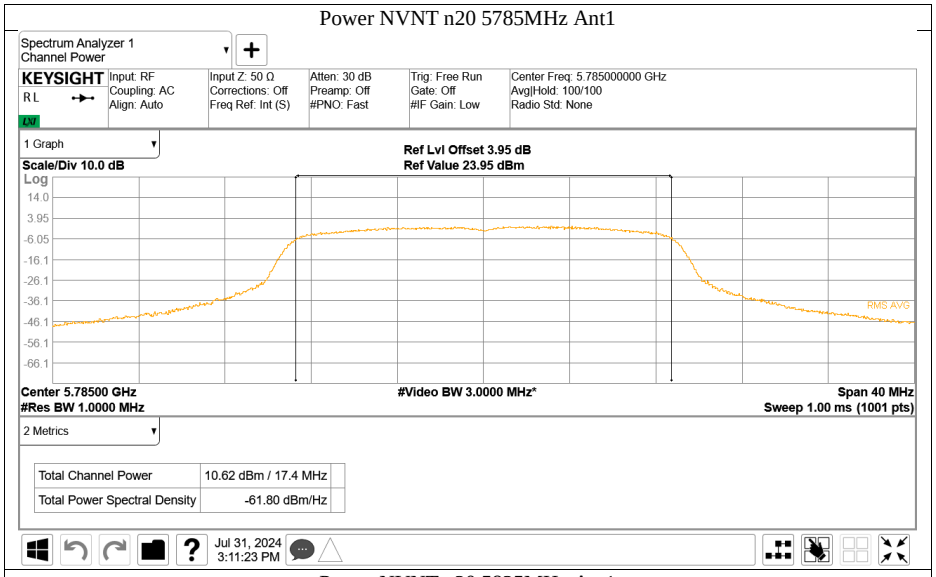
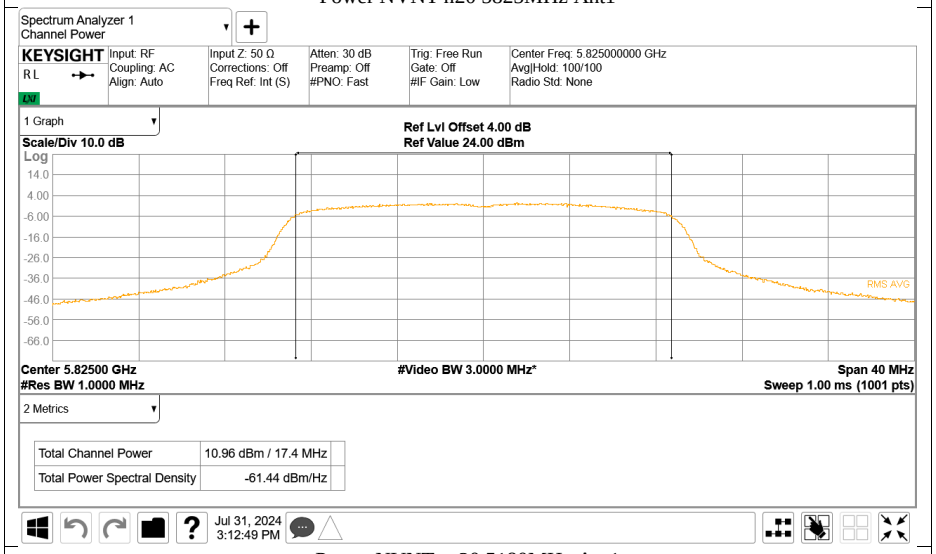
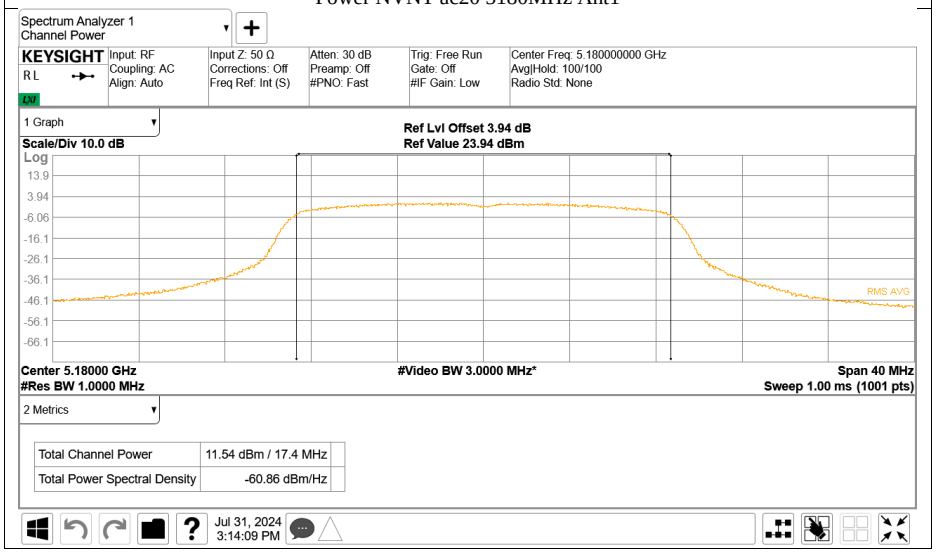
Power NVNT n20 5785MHz Ant1



Power NVNT n20 5825MHz Ant1



Power NVNT ac20 5180MHz Ant1



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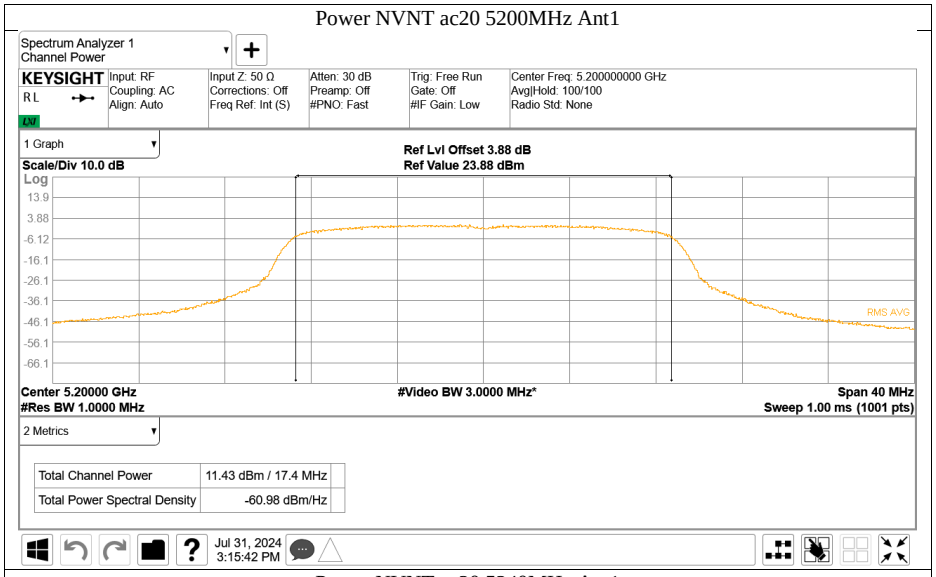
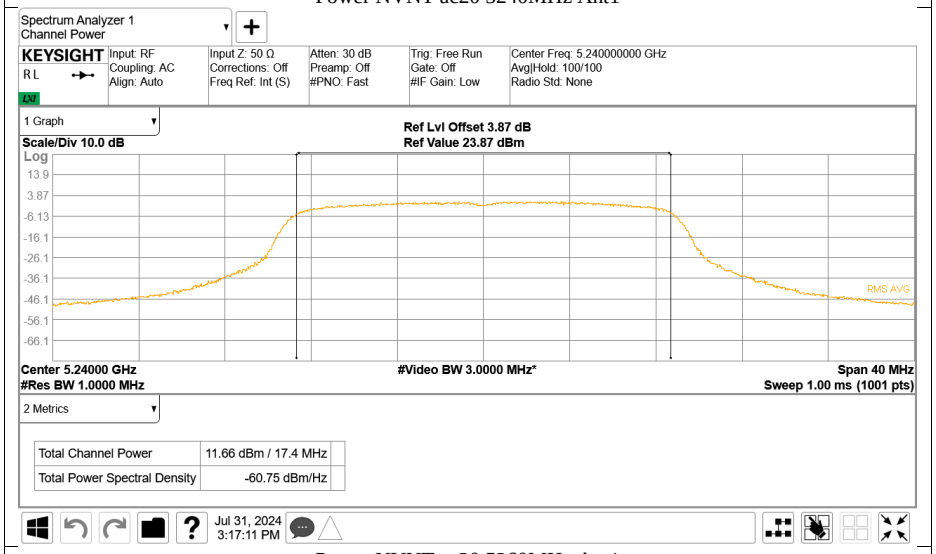
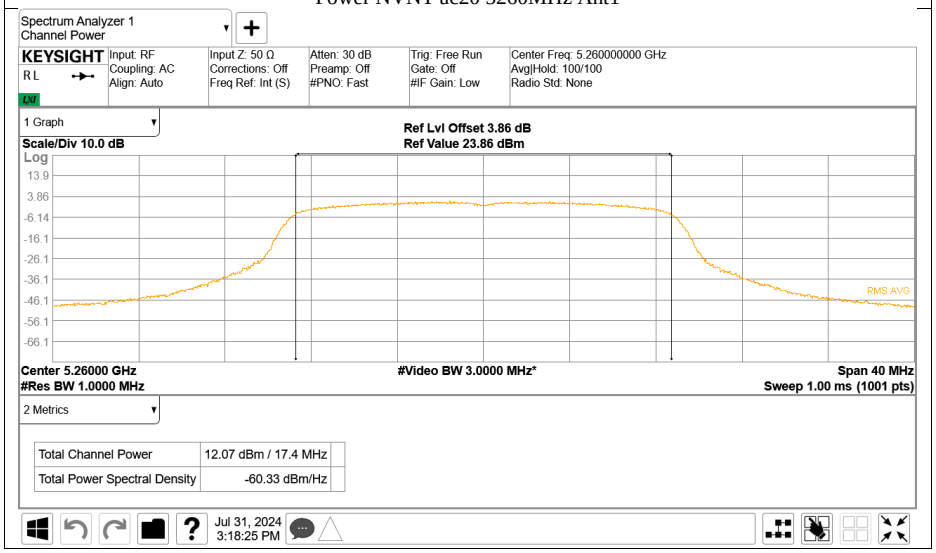
Power NVNT ac20 5200MHz Ant1



Power NVNT ac20 5240MHz Ant1



Power NVNT ac20 5260MHz Ant1



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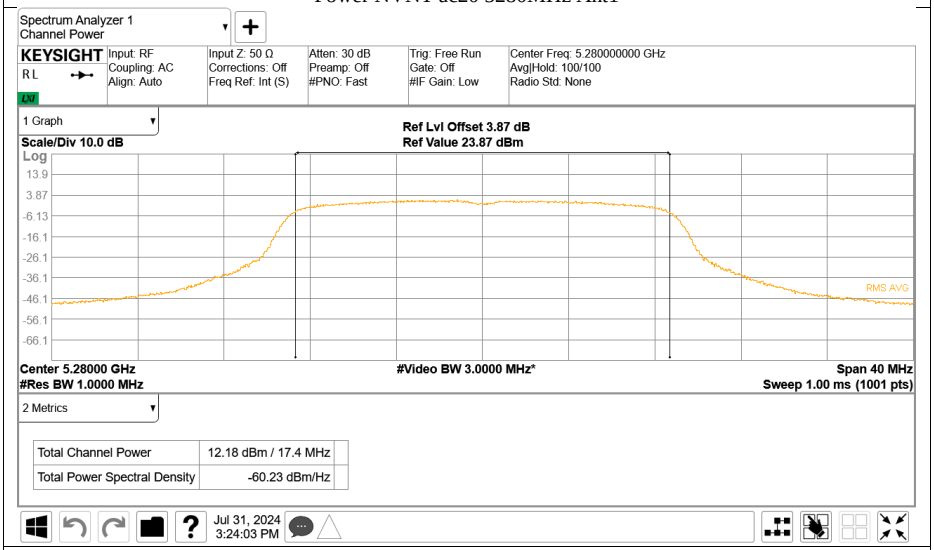
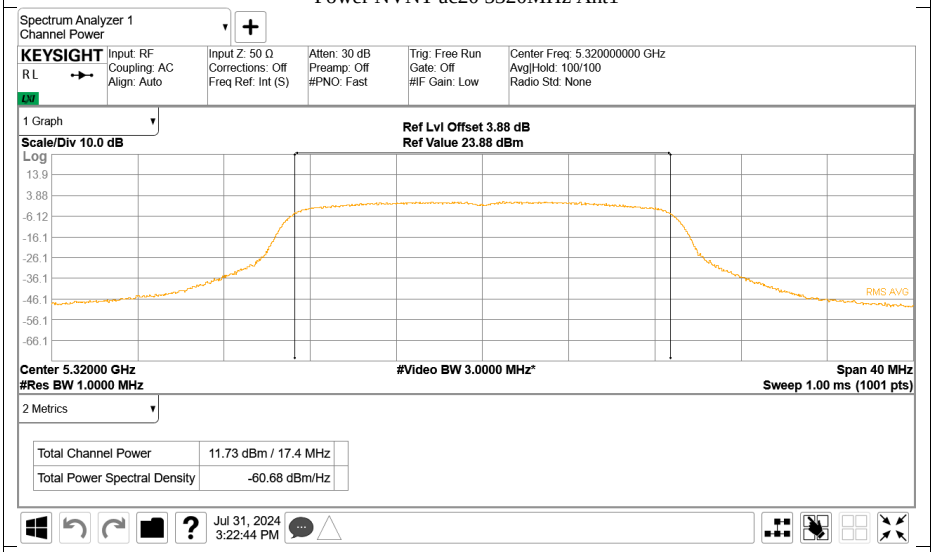
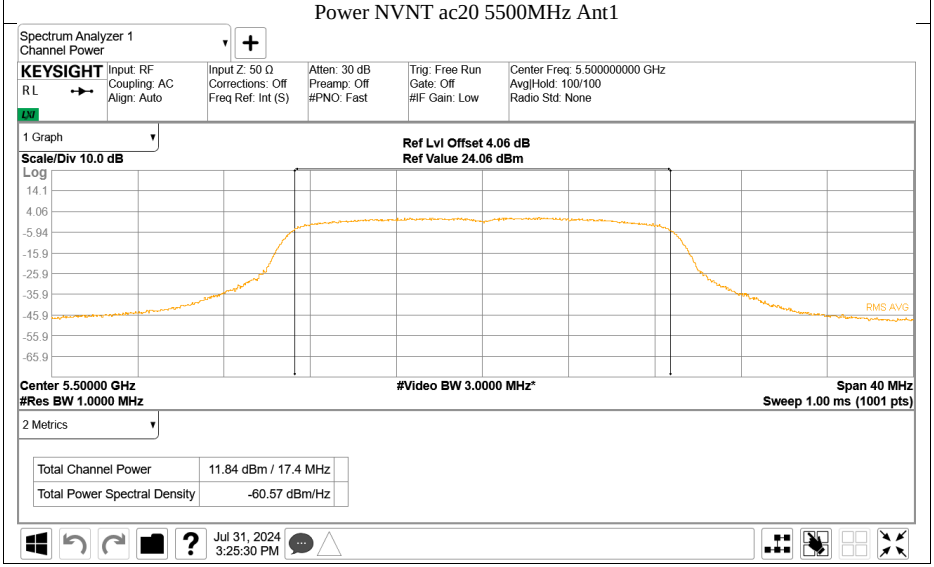
Power NVNT ac20 5280MHz Ant1



Power NVNT ac20 5320MHz Ant1



Power NVNT ac20 5500MHz Ant1



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