



FCC/ISED - TEST REPORT
Appendix A for 709502605195-00D

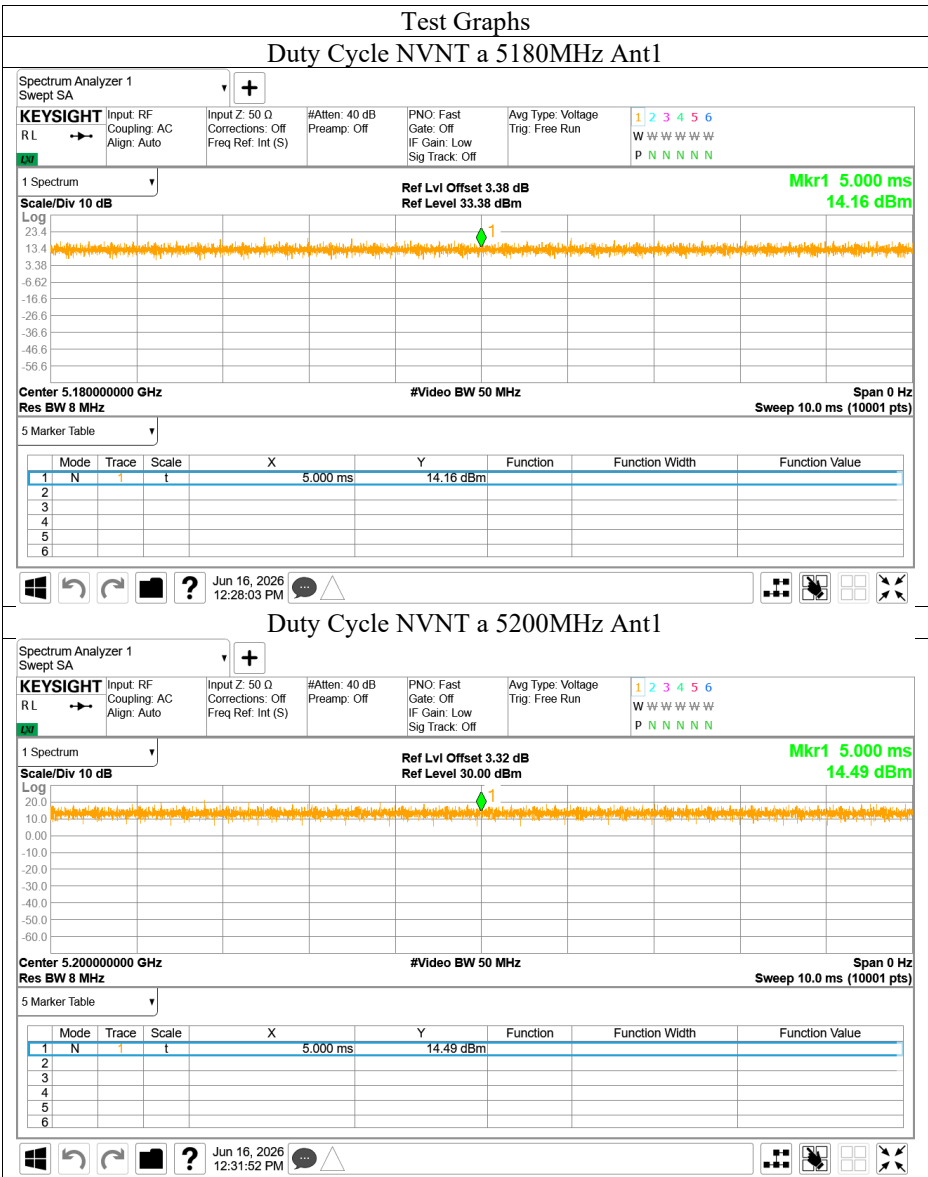
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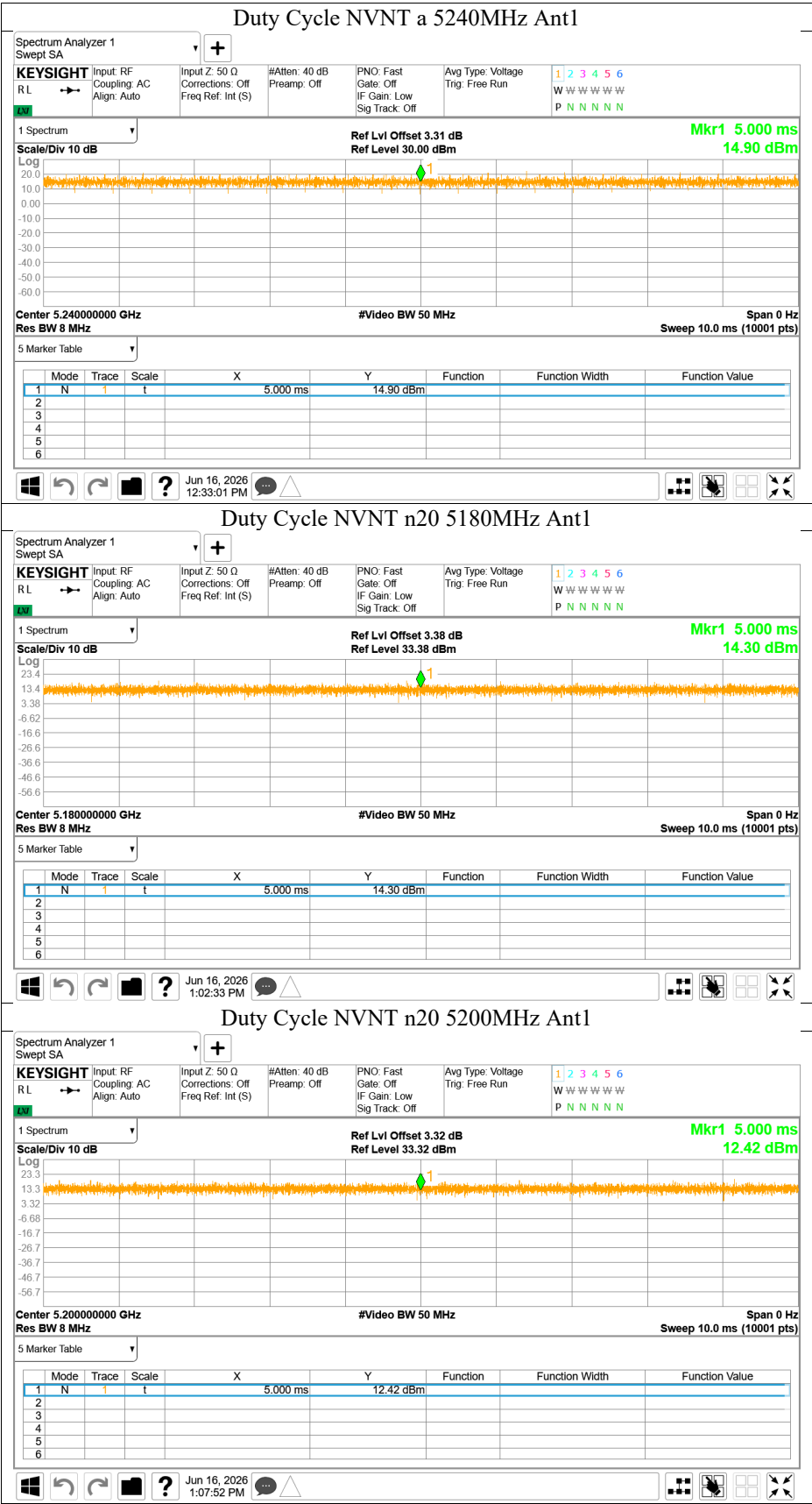
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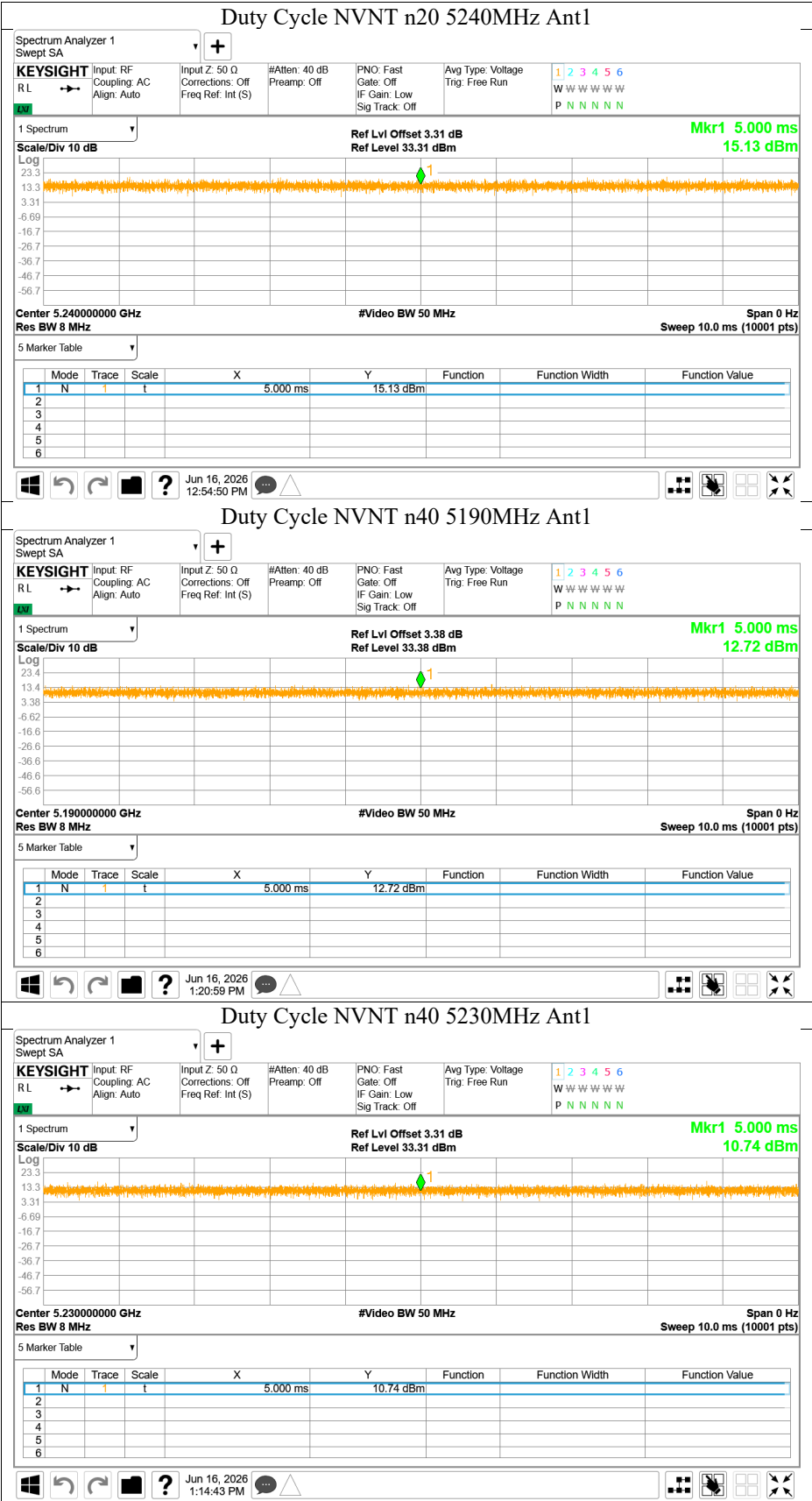


1 Duty Cycle

Frequency Band	Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
U-NII-1	NVNT	a	5180	Ant1	100	0	0
	NVNT	a	5200	Ant1	100	0	0
	NVNT	a	5240	Ant1	100	0	0
	NVNT	n20	5180	Ant1	100	0	0
	NVNT	n20	5200	Ant1	100	0	0
	NVNT	n20	5240	Ant1	100	0	0
	NVNT	n40	5190	Ant1	100	0	0
	NVNT	n40	5230	Ant1	100	0	0

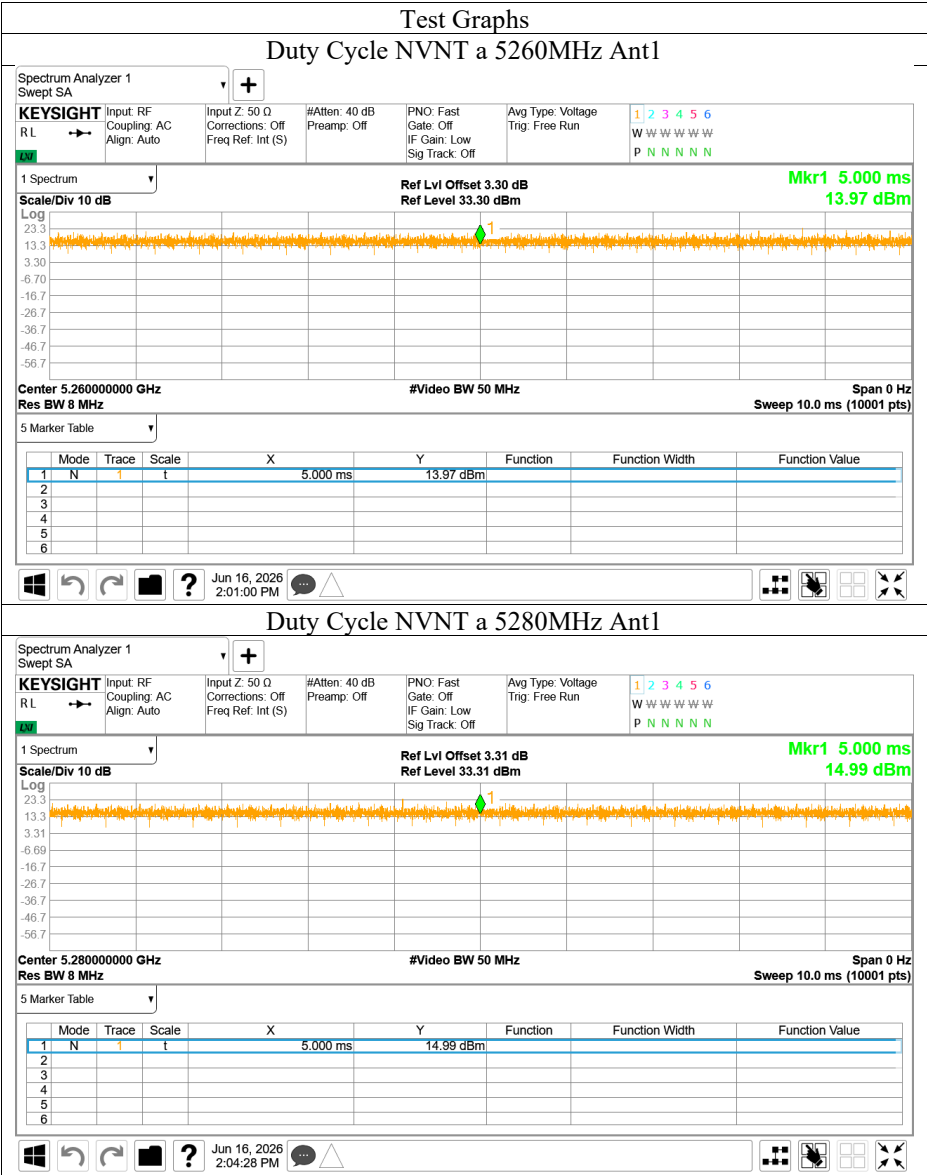


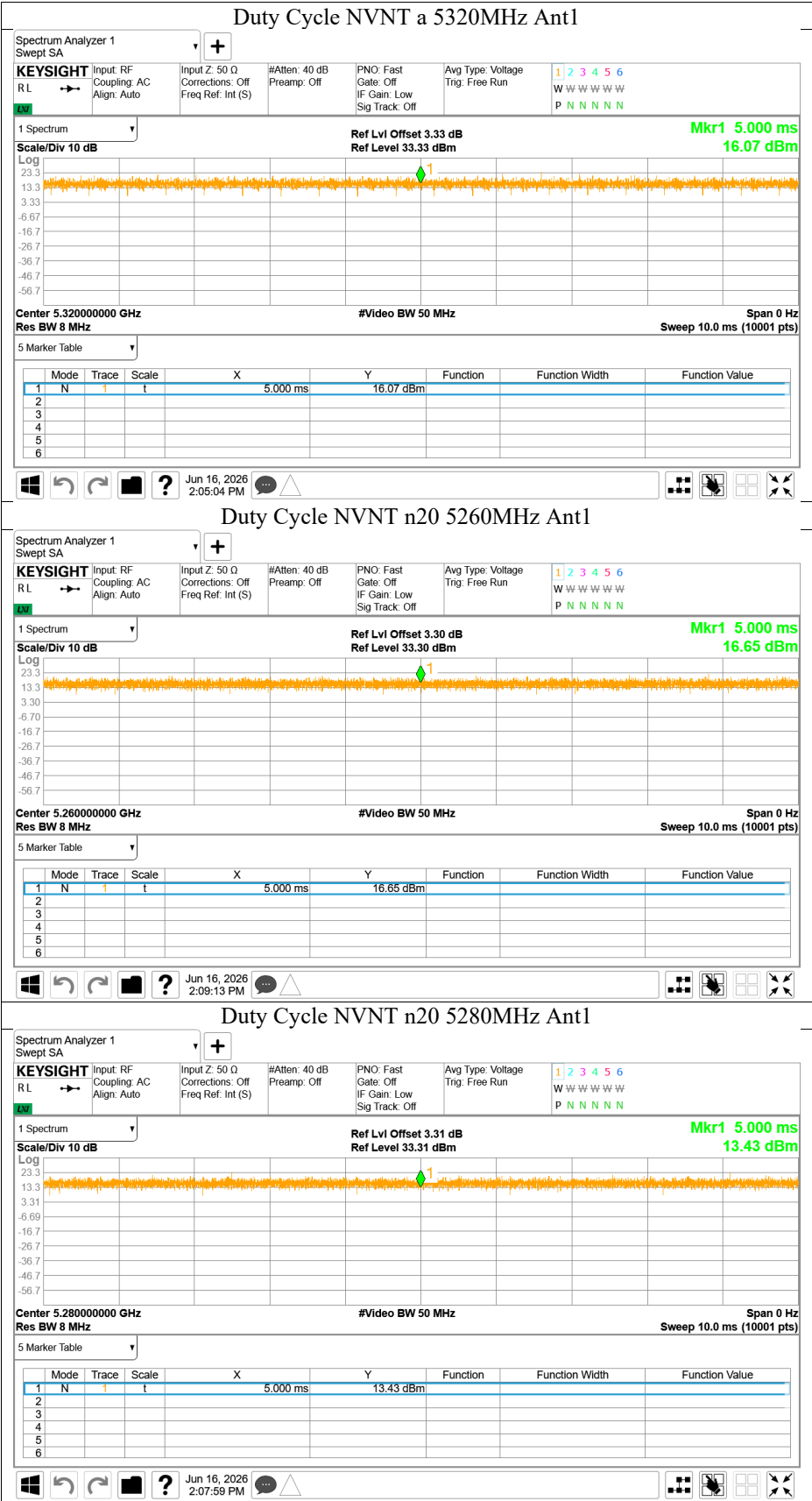


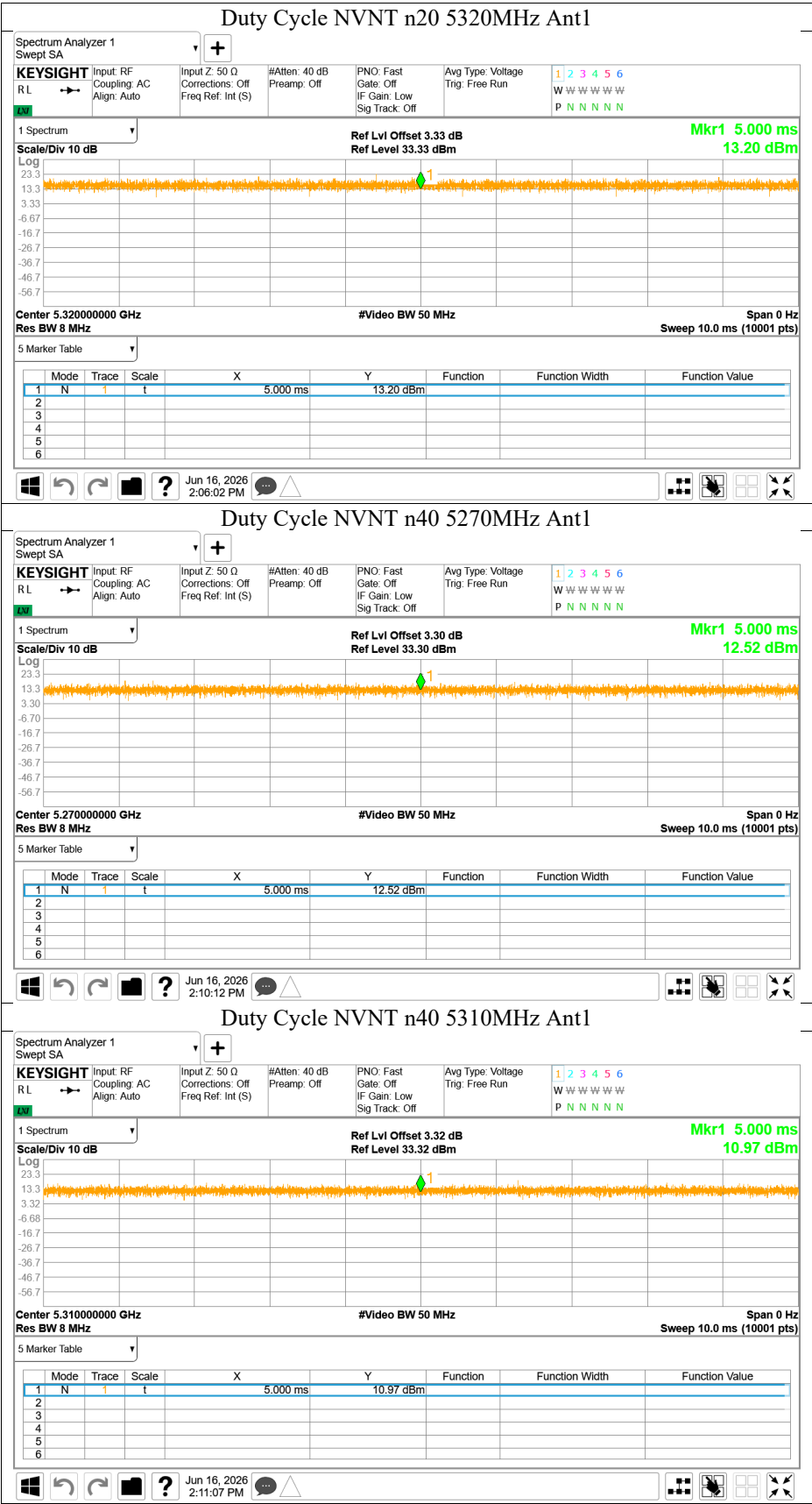




Frequency Band	Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
U-NII-1-2A	NVNT	a	5260	Ant1	100	0	0
	NVNT	a	5280	Ant1	100	0	0
	NVNT	a	5320	Ant1	100	0	0
	NVNT	n20	5260	Ant1	100	0	0
	NVNT	n20	5280	Ant1	100	0	0
	NVNT	n20	5320	Ant1	100	0	0
	NVNT	n40	5270	Ant1	100	0	0
	NVNT	n40	5310	Ant1	100	0	0

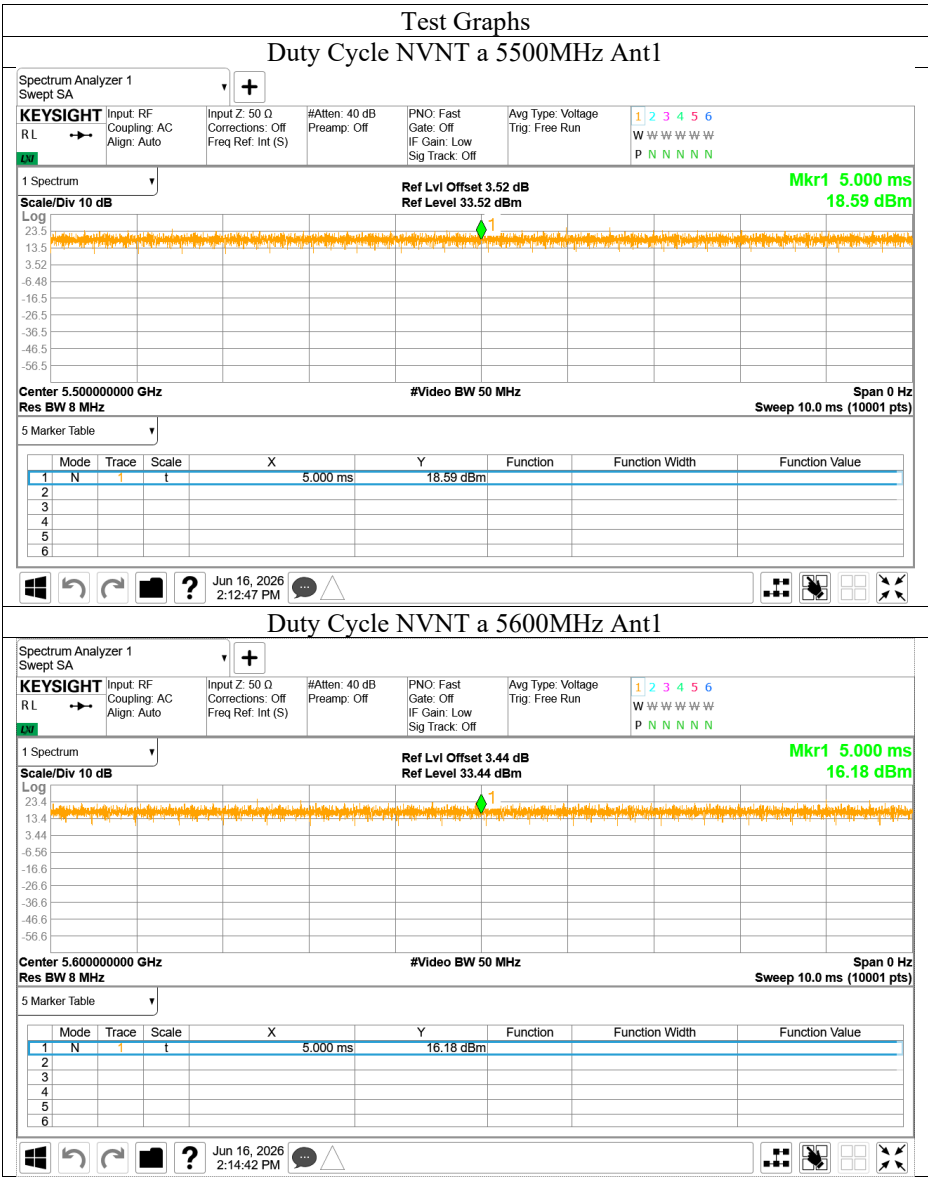


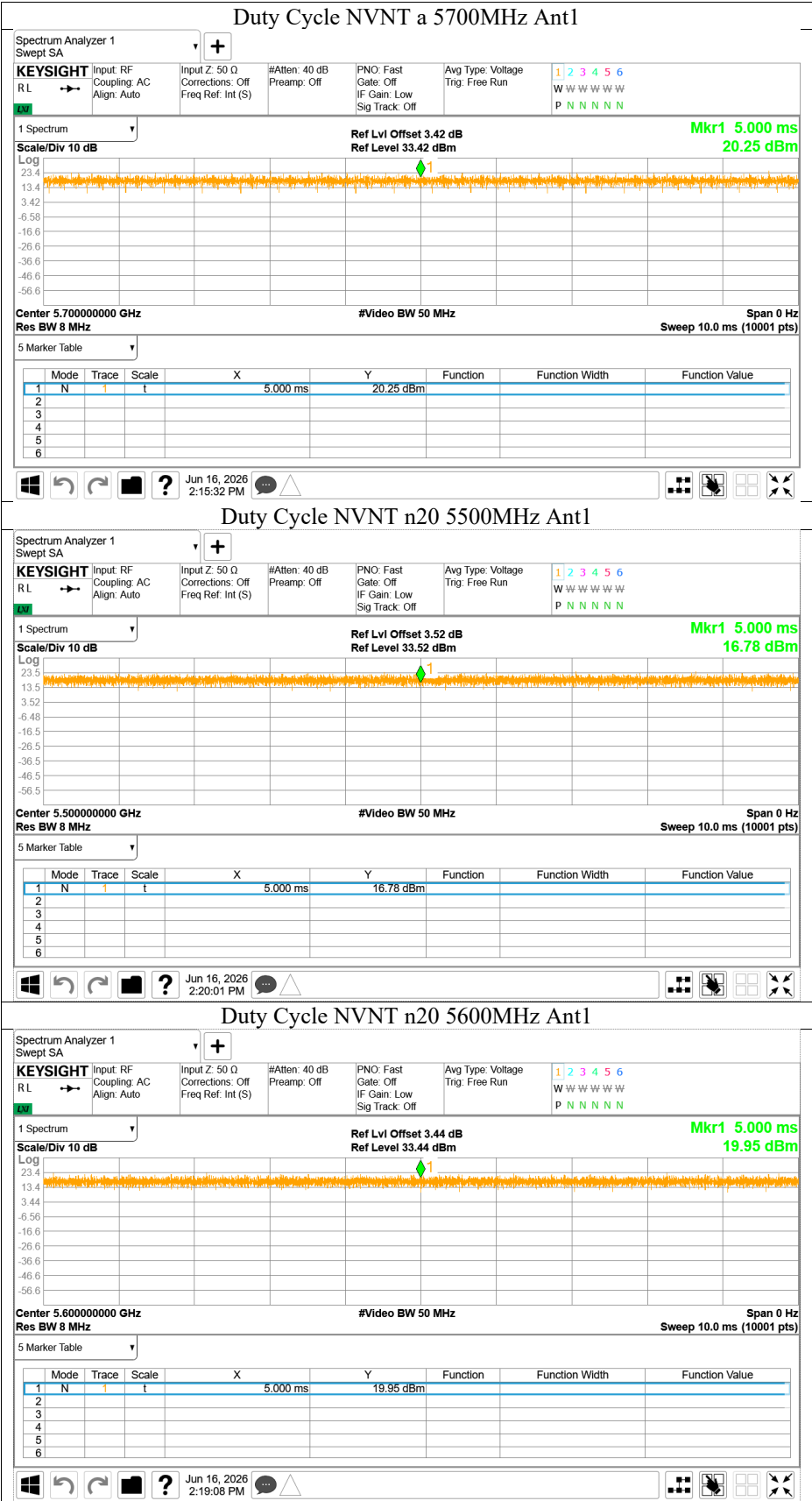


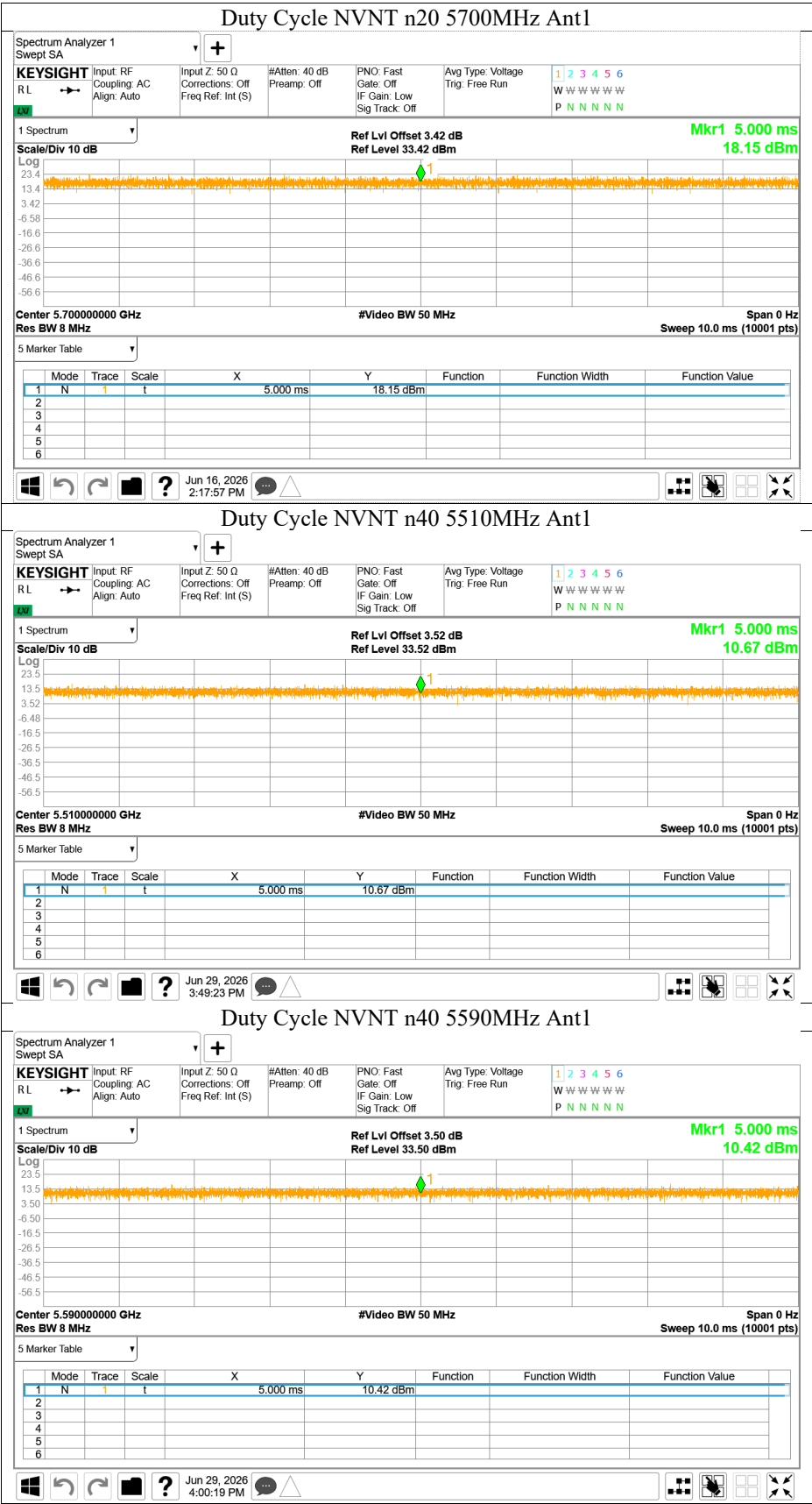


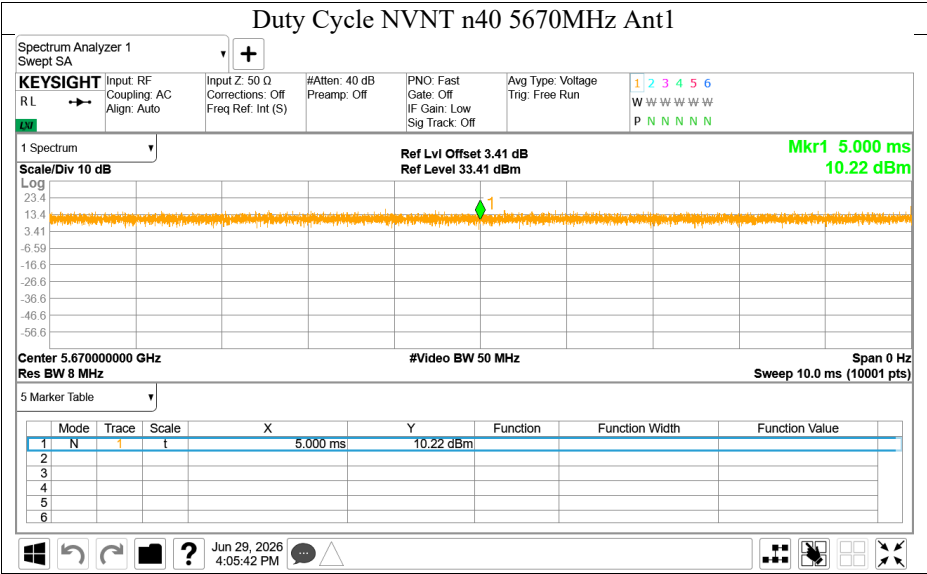


Frequency Band	Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
U-NII-1-2C	NVNT	a	5500	Ant1	100	0	0
	NVNT	a	5600	Ant1	100	0	0
	NVNT	a	5700	Ant1	100	0	0
	NVNT	n20	5500	Ant1	100	0	0
	NVNT	n20	5600	Ant1	100	0	0
	NVNT	n20	5700	Ant1	100	0	0
	NVNT	n40	5510	Ant1	100	0	0
	NVNT	n40	5590	Ant1	100	0	0
	NVNT	n40	5670	Ant1	100	0	0



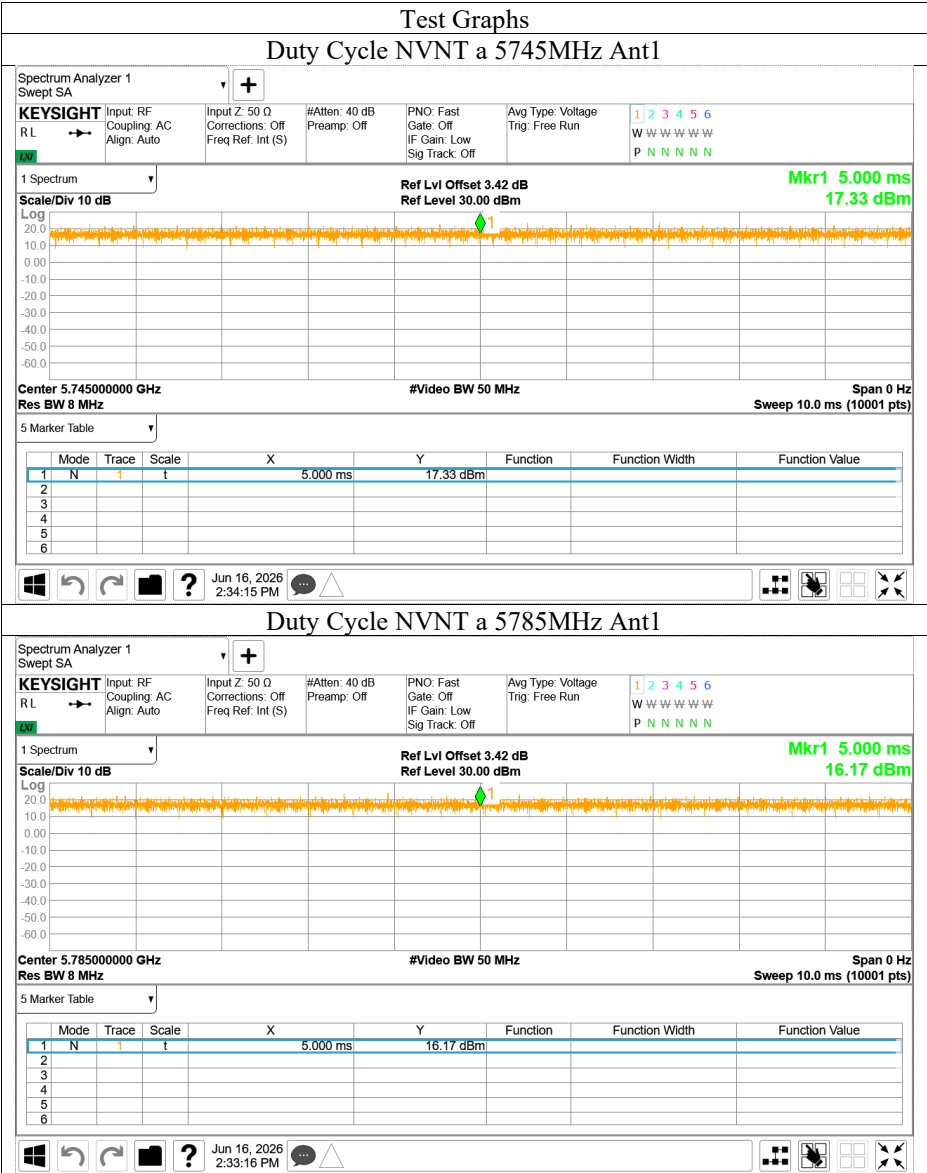


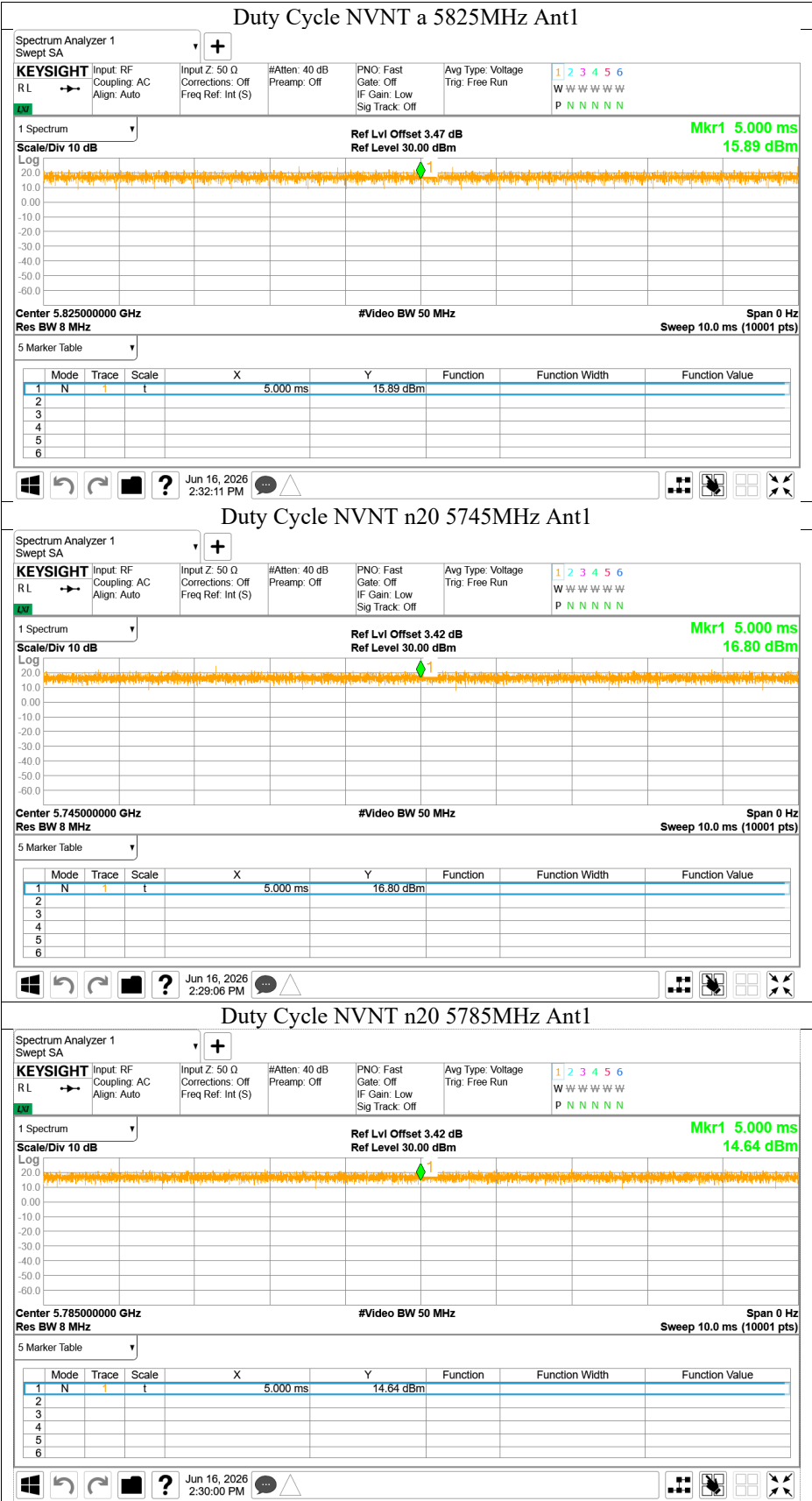


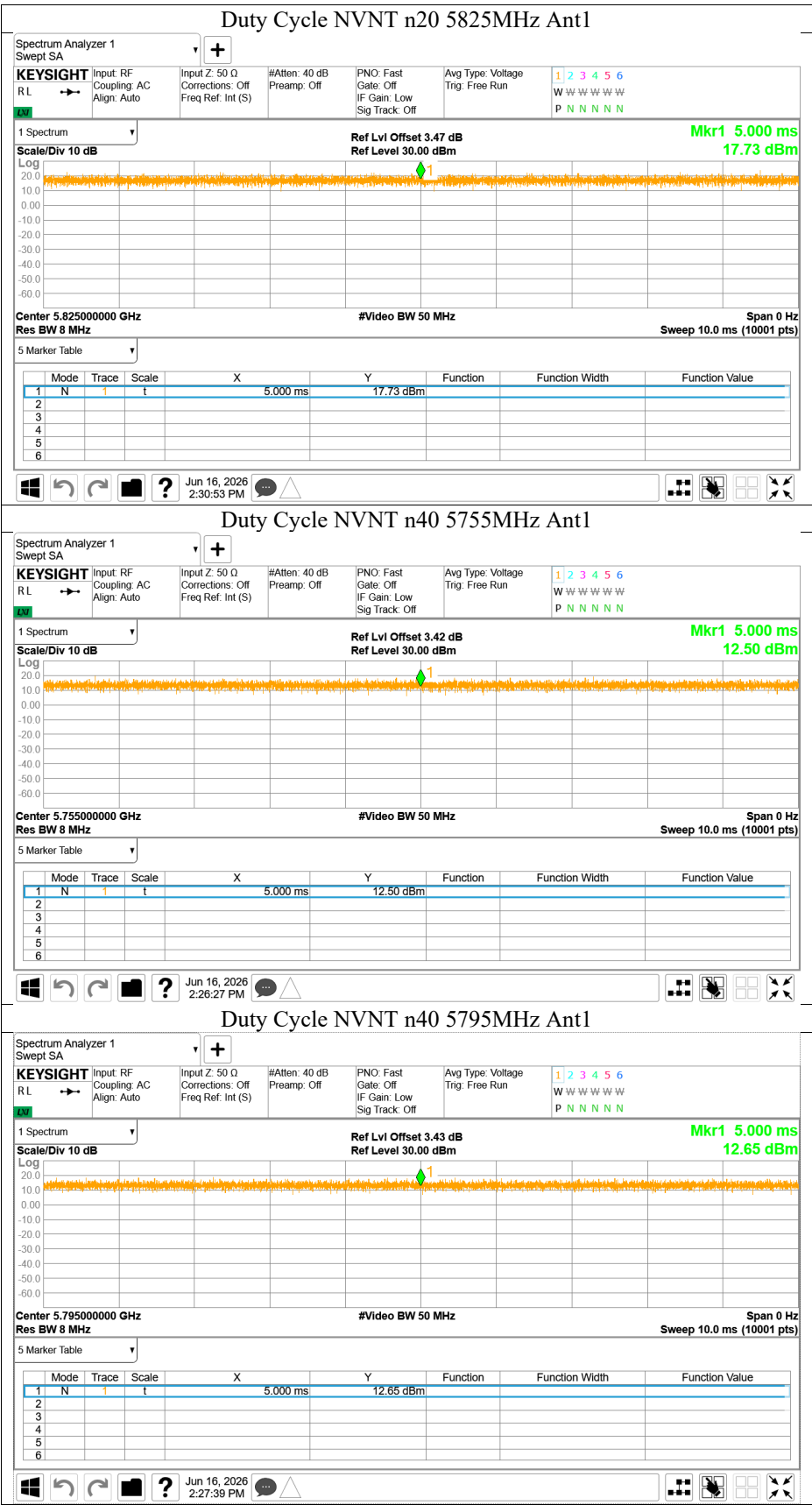




Frequency Band	Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
U-NII-3	NVNT	a	5745	Ant1	0	0	0
	NVNT	a	5785	Ant1	0	0	0
	NVNT	a	5825	Ant1	0	0	0
	NVNT	n20	5745	Ant1	0	0	0
	NVNT	n20	5785	Ant1	0	0	0
	NVNT	n20	5825	Ant1	0	0	0
	NVNT	n40	5755	Ant1	0	0	0
	NVNT	n40	5795	Ant1	0	0	0



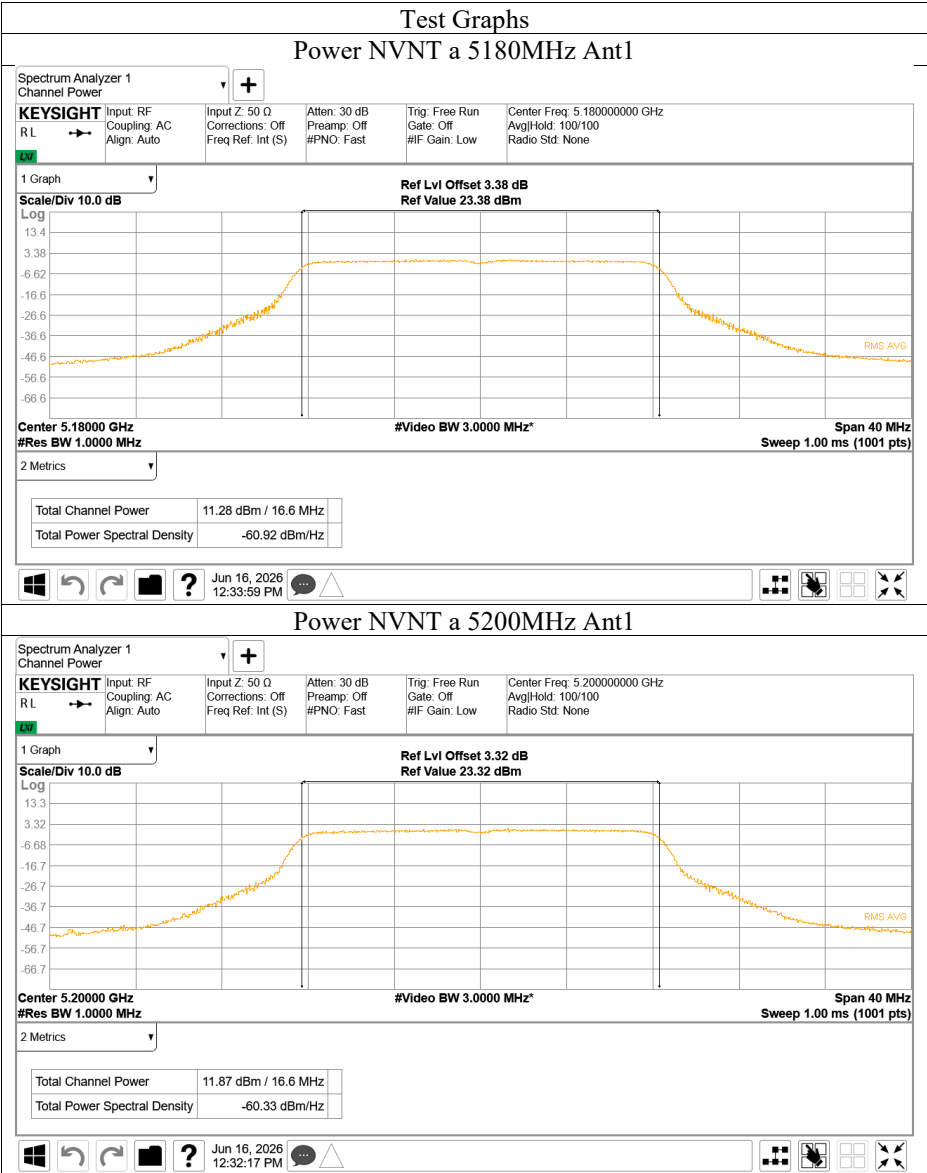


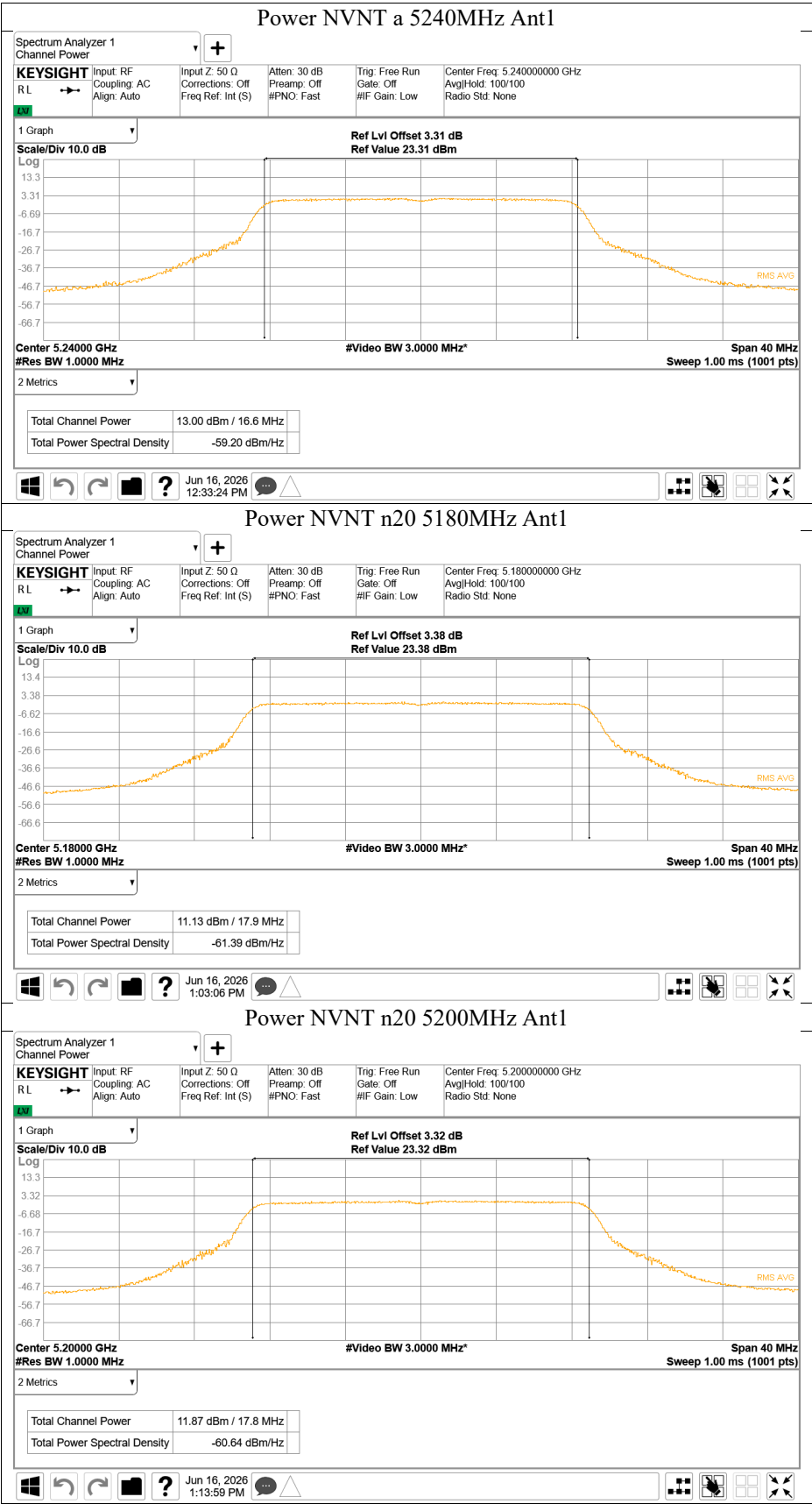


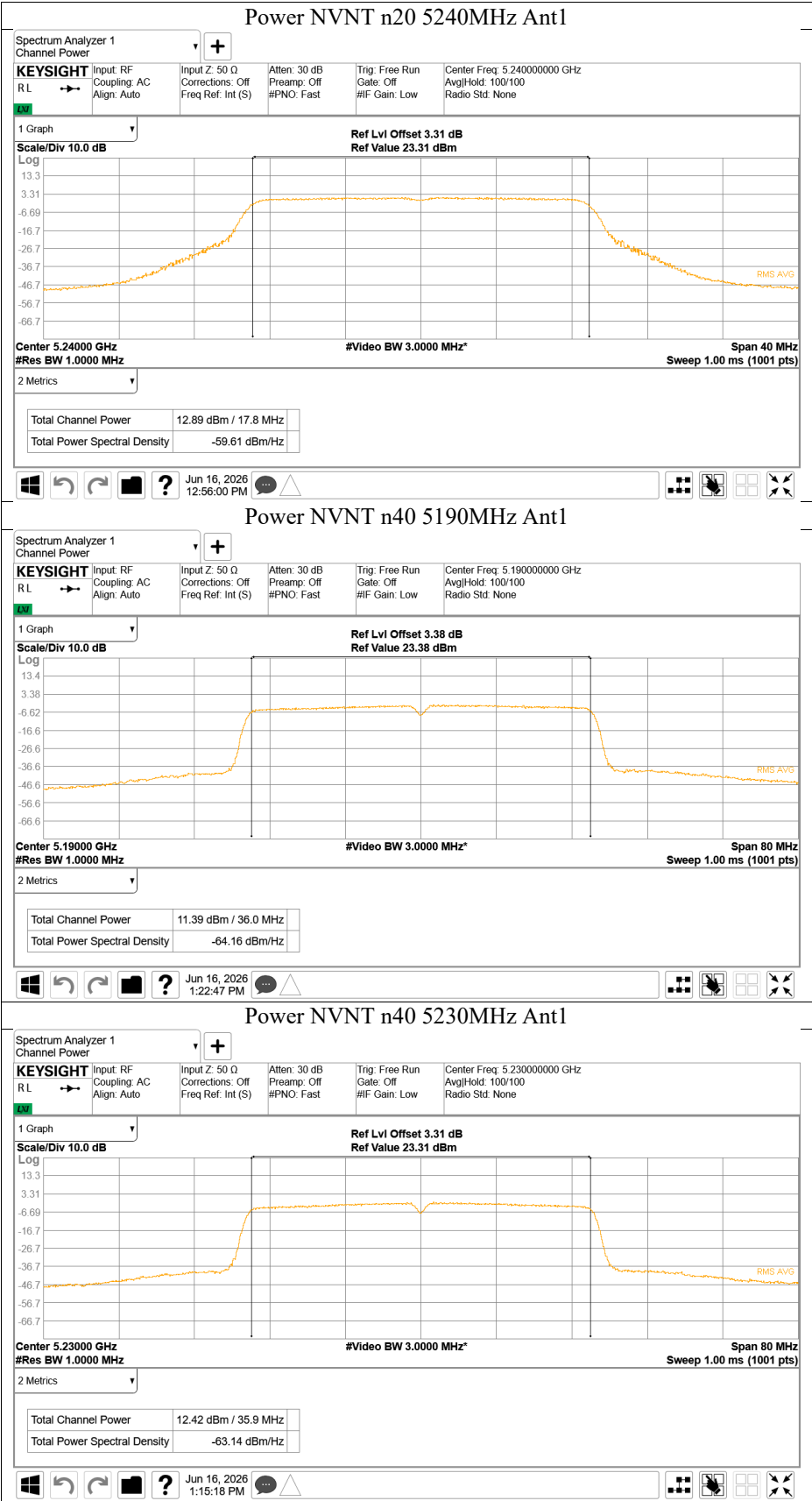


2 Maximum Conducted Output Power & EIRP

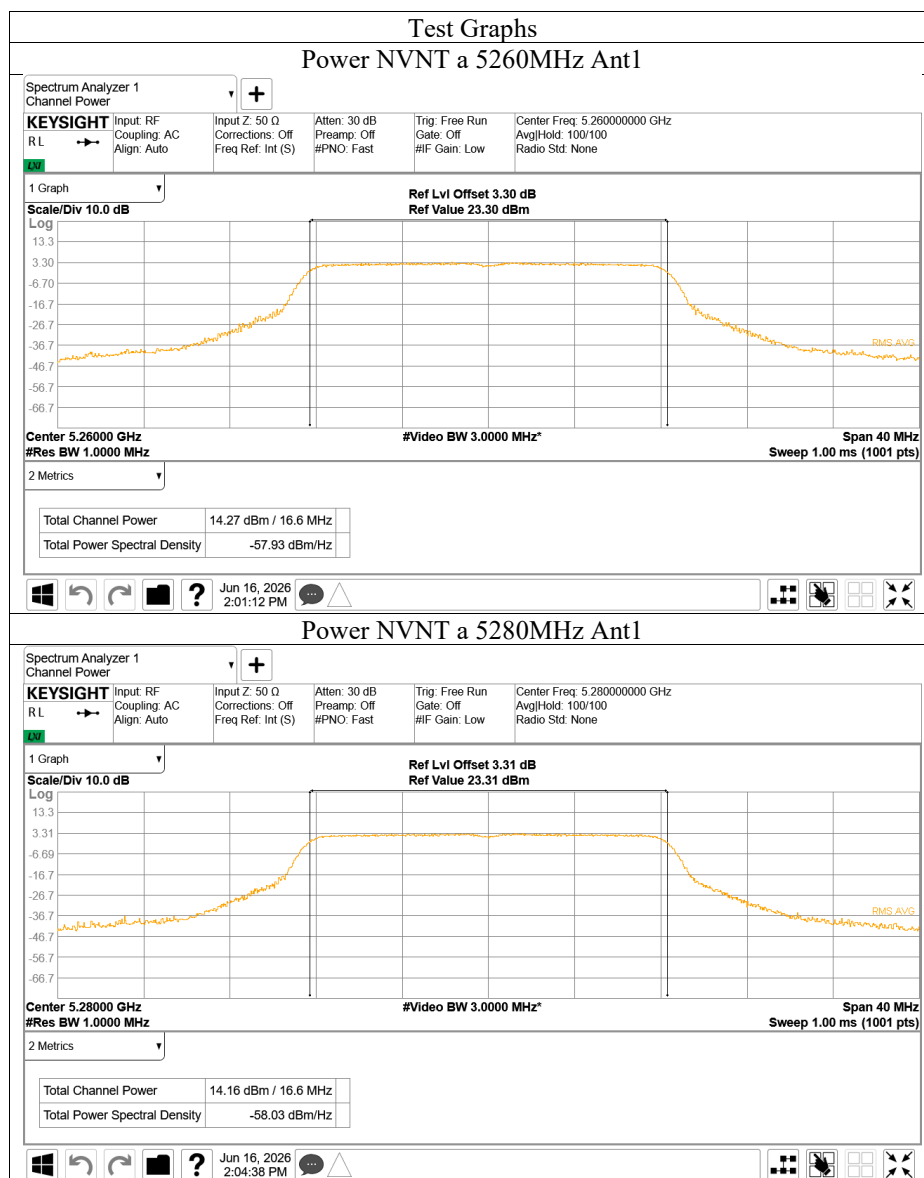
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	FCC Limit (dBm)	Gain (dBi)	IC E.I.R.P (dBm)	IC E.I.R.P Limit (dBm)	Verdict
NVNT U-NII-1	a	5180	Ant1	11.28	0	11.28	24	1.53	12.81	22.2	Pass
	a	5200	Ant1	11.87	0	11.87	24	1.53	13.4	22.2	Pass
	a	5240	Ant1	13	0	13	24	1.53	14.53	22.2	Pass
	n20	5180	Ant1	11.13	0	11.13	24	1.53	12.66	22.2	Pass
	n20	5200	Ant1	11.87	0	11.87	24	1.53	13.4	22.2	Pass
	n20	5240	Ant1	12.89	0	12.89	24	1.53	14.42	22.2	Pass
	n40	5190	Ant1	11.39	0	11.39	24	1.53	12.92	23	Pass
	n40	5230	Ant1	12.42	0	12.42	24	1.53	13.95	23	Pass

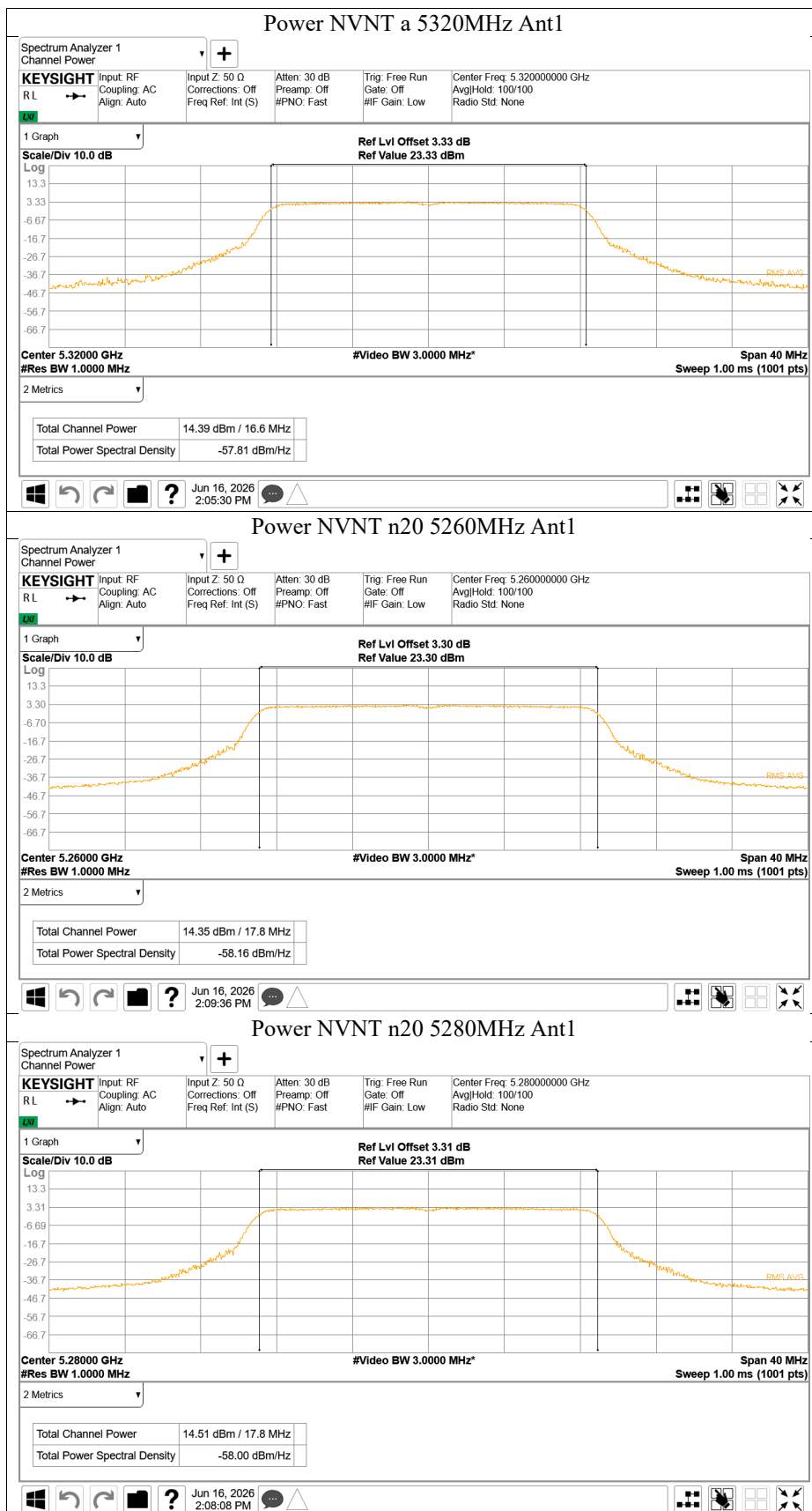


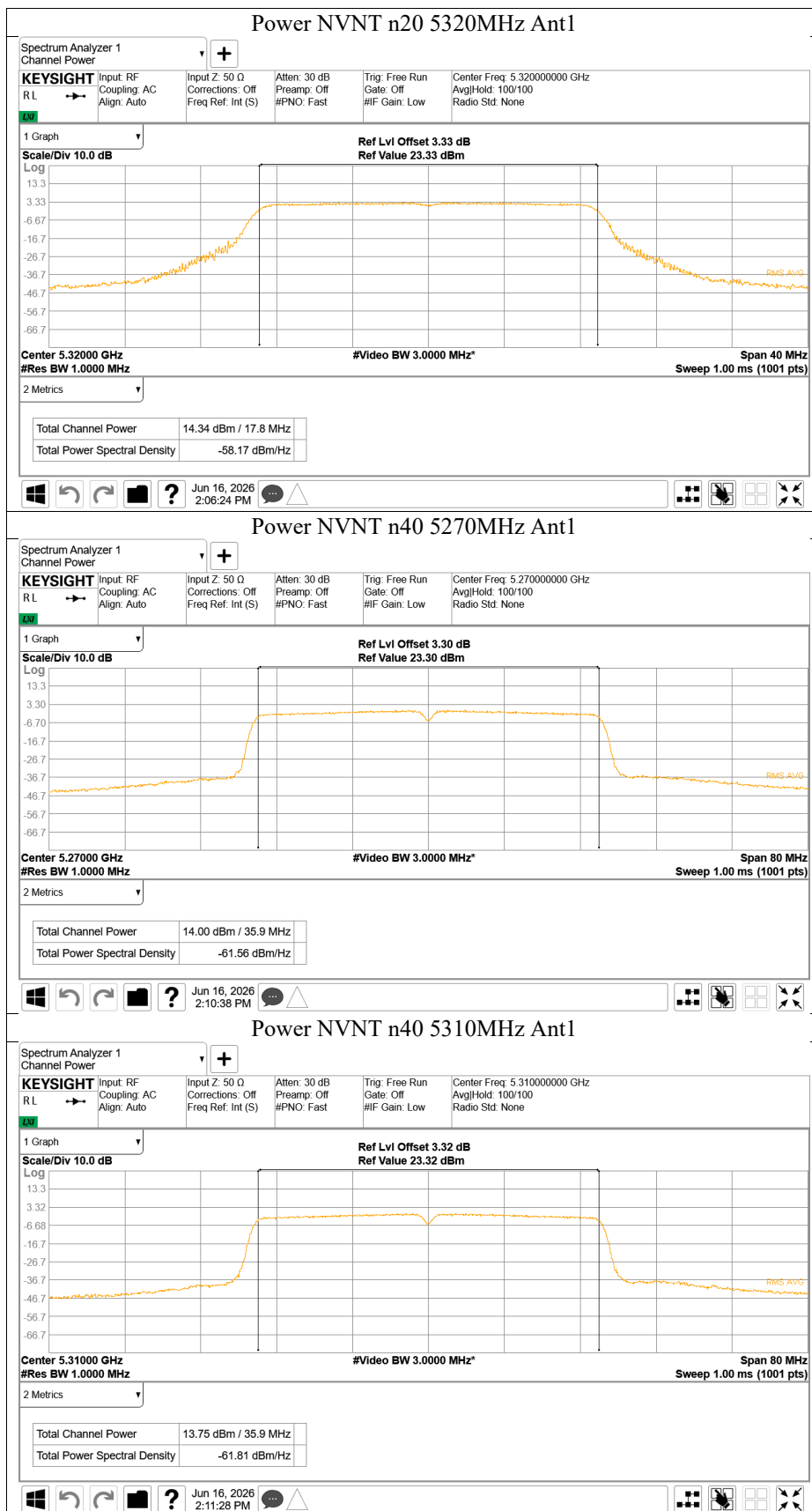




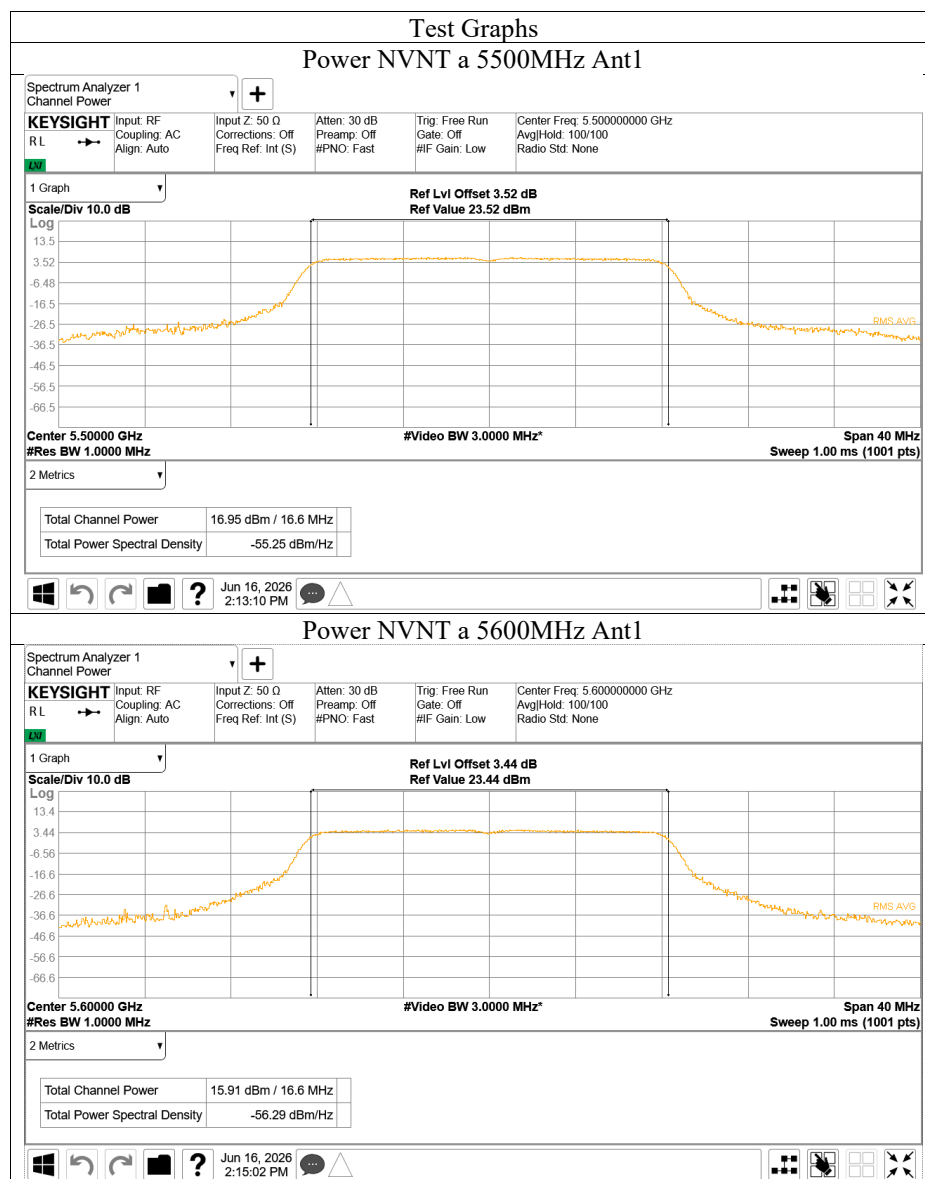
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	FCC Limit (dBm)	IC Limit (dBm)	Gain (dBi)	IC E.I.R.P (dBm)	IC E.I.R.P Limit (dBm)	Verdict
NVNT U-NII-2A	a	5260	Ant1	14.27	0	14.27	24	23	1.53	15.8	29	Pass
	a	5280	Ant1	14.16	0	14.16	24	23	1.53	15.69	29	Pass
	a	5320	Ant1	14.39	0	14.39	24	23	1.53	15.92	29	Pass
	n20	5260	Ant1	14.35	0	14.35	24	23	1.53	15.88	29	Pass
	n20	5280	Ant1	14.51	0	14.51	24	23	1.53	16.04	29	Pass
	n20	5320	Ant1	14.34	0	14.34	24	23	1.53	15.87	29	Pass
	n40	5270	Ant1	14	0	14	24	24	1.53	15.53	30	Pass
	n40	5310	Ant1	13.75	0	13.75	24	24	1.53	15.28	30	Pass

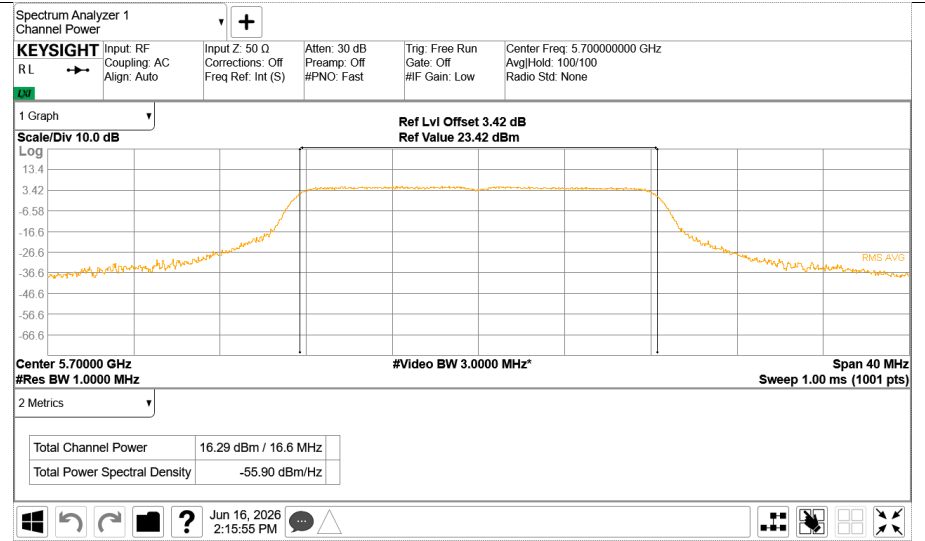




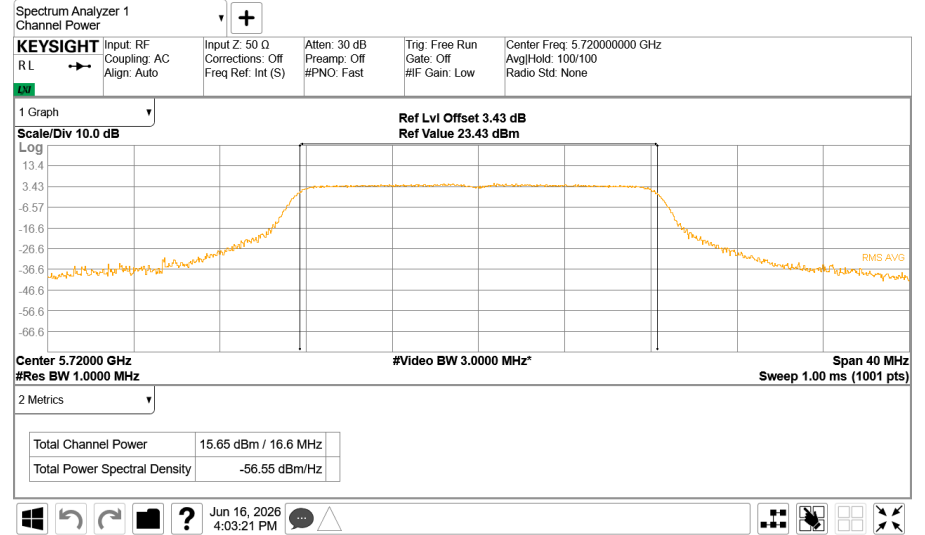


Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	FCC Limit (dBm)	IC Limit (dBm)	Gain (dBi)	IC E.I.R.P (dBm)	IC E.I.R.P Limit (dBm)	Verdict
NVNT U-NII-2C	a	5500	Ant1	16.95	0	16.95	24	23	1.53	18.48	29	Pass
	a	5600	Ant1	15.91	0	15.91	24	23	1.53	17.44	29	Pass
	a	5700	Ant1	16.29	0	16.29	24	23	1.53	17.82	29	Pass
	a	5720	Ant1	15.65	0	15.65	24	23	1.53	17.18	29	Pass
	n20	5500	Ant1	16.98	0	16.98	24	23	1.53	18.51	29	Pass
	n20	5600	Ant1	15.92	0	15.92	24	23	1.53	17.45	29	Pass
	n20	5700	Ant1	16.13	0	16.13	24	23	1.53	17.66	29	Pass
	n20	5720	Ant1	16.23	0	16.23	24	23	1.53	17.76	29	Pass
	n40	5510	Ant1	12.76	0	12.76	24	24	1.53	14.29	30	Pass
	n40	5590	Ant1	12.47	0	12.47	24	24	1.53	14	30	Pass
	n40	5670	Ant1	12.47	0	12.47	24	24	1.53	14	30	Pass
	n40	5710	Ant1	12.6	0	12.6	24	24	1.53	14.13	30	Pass

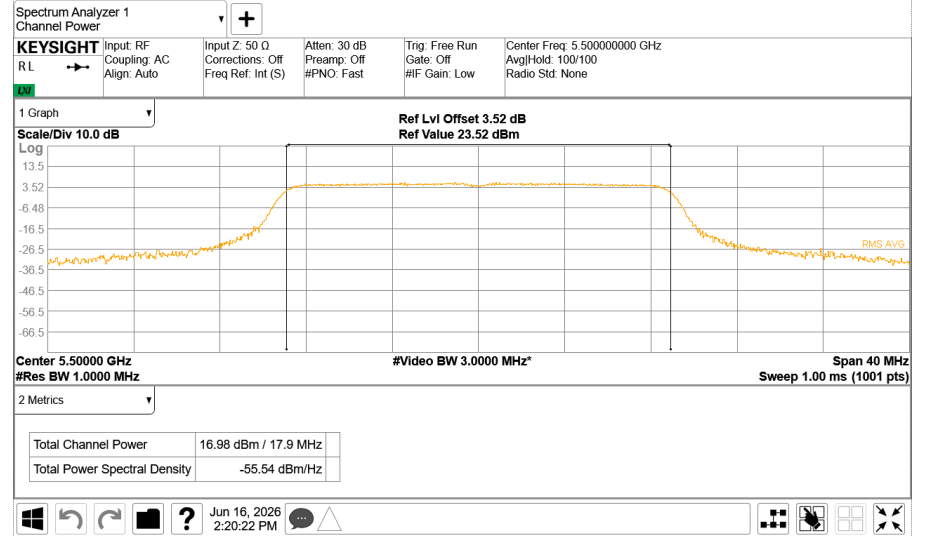




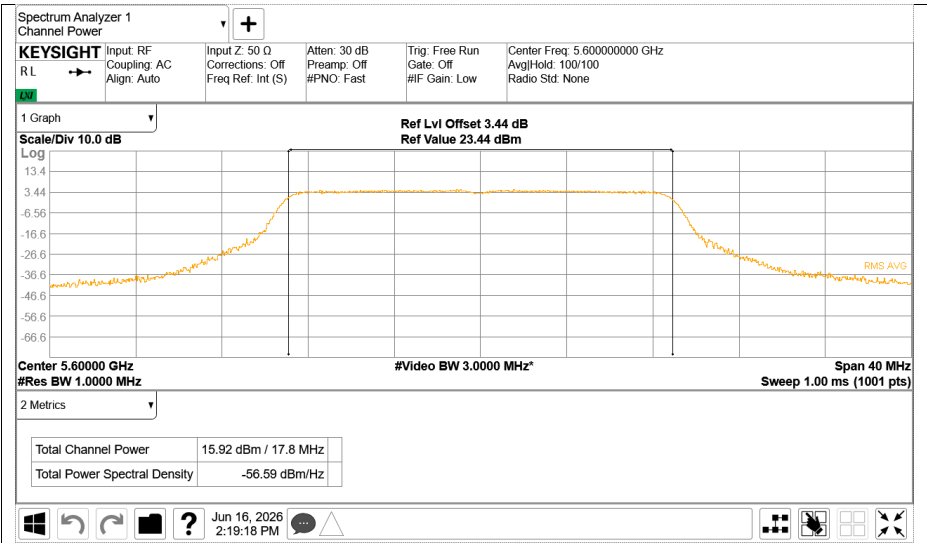
Power NVNT a 5720MHz Ant1



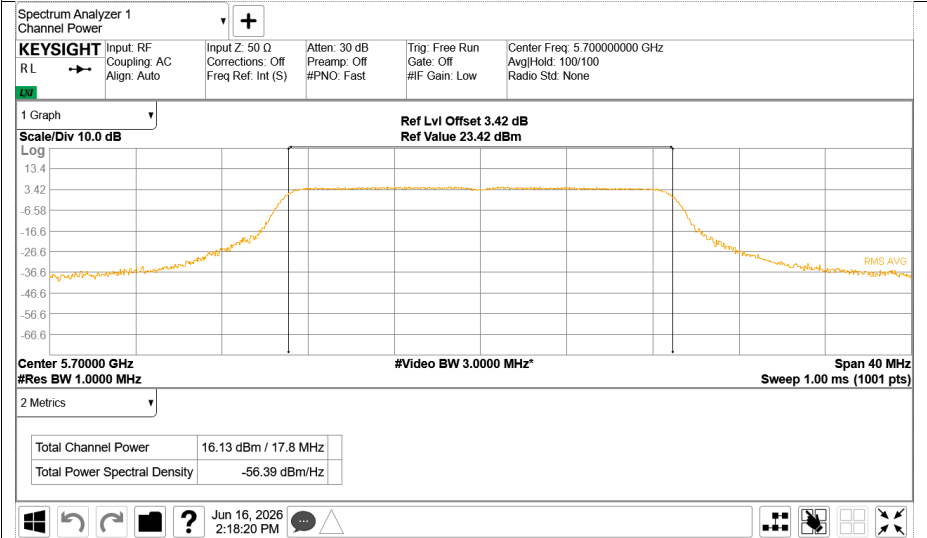
Power NVNT n20 5500MHz Ant1



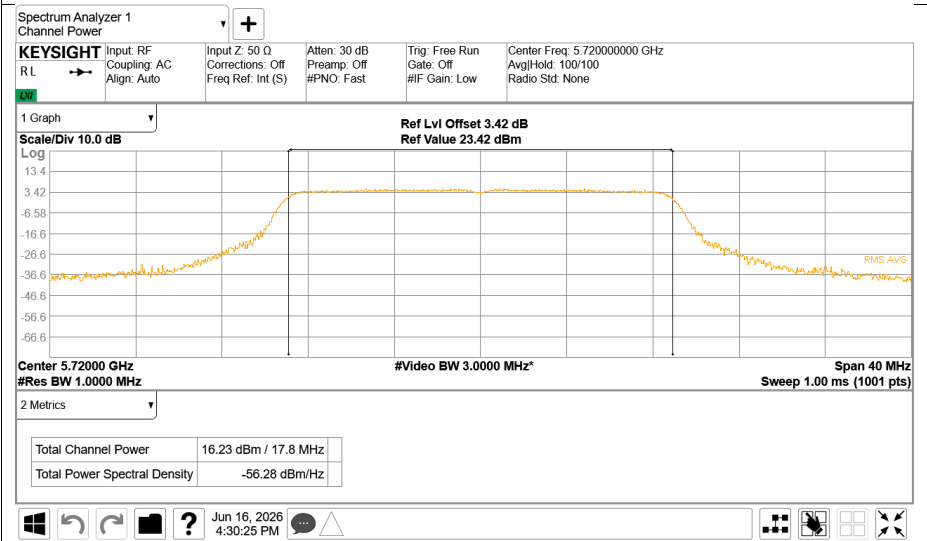
Power NVNT n20 5600MHz Ant1



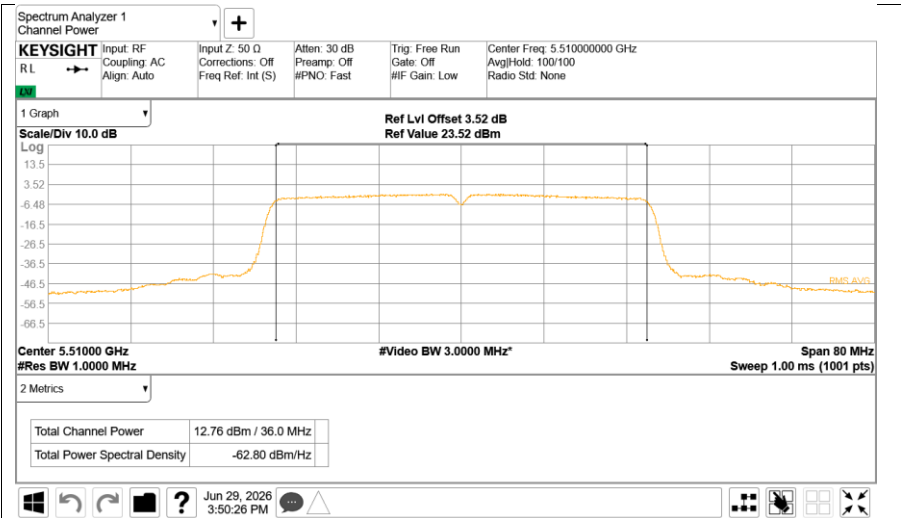
Power NVNT n20 5700MHz Ant1



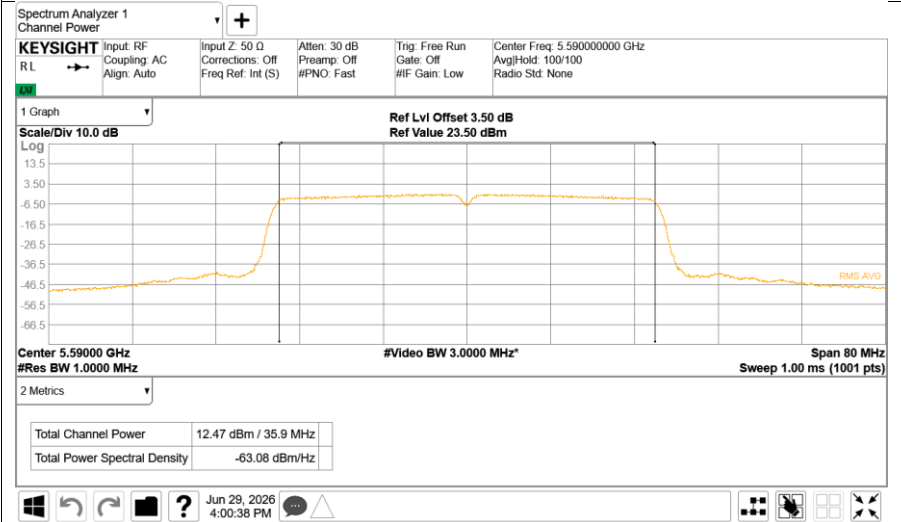
Power NVNT n20 5720MHz Ant1



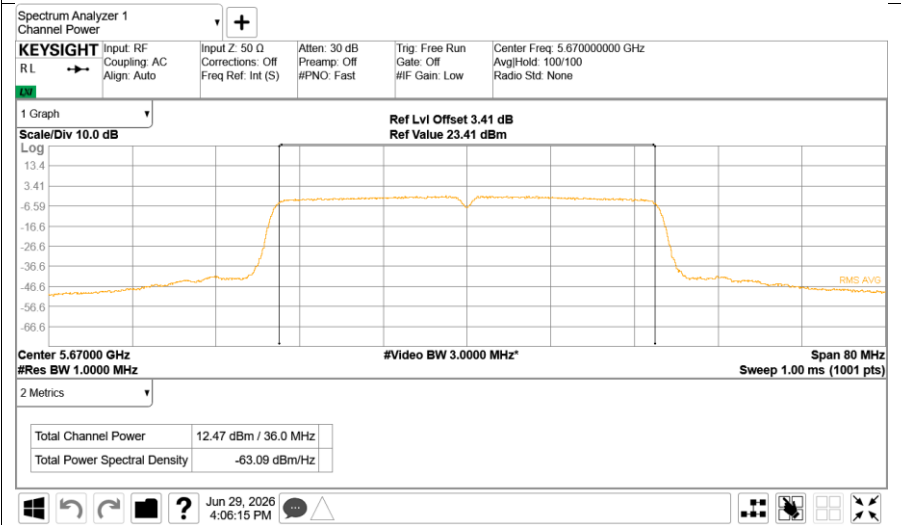
Power NVNT n40 5510MHz Ant1



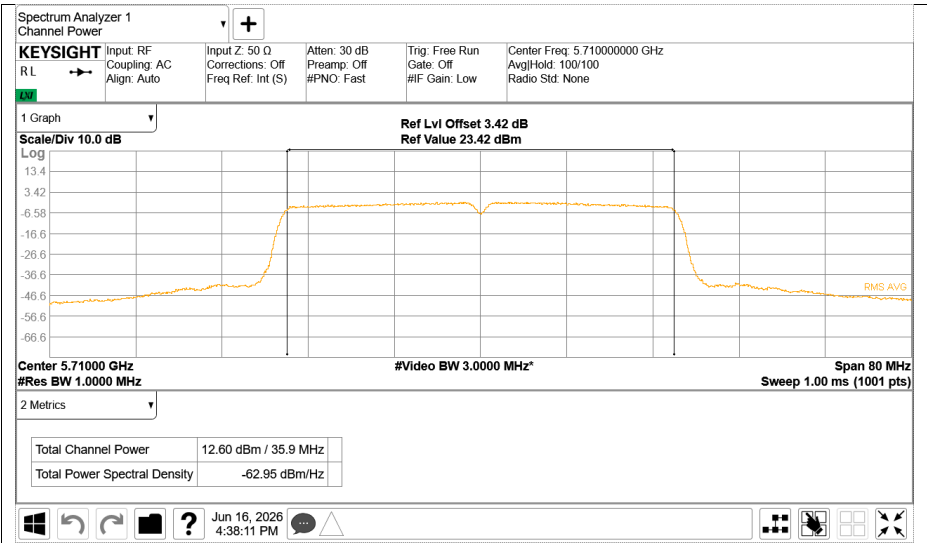
Power NVNT n40 5590MHz Ant1



Power NVNT n40 5670MHz Ant1

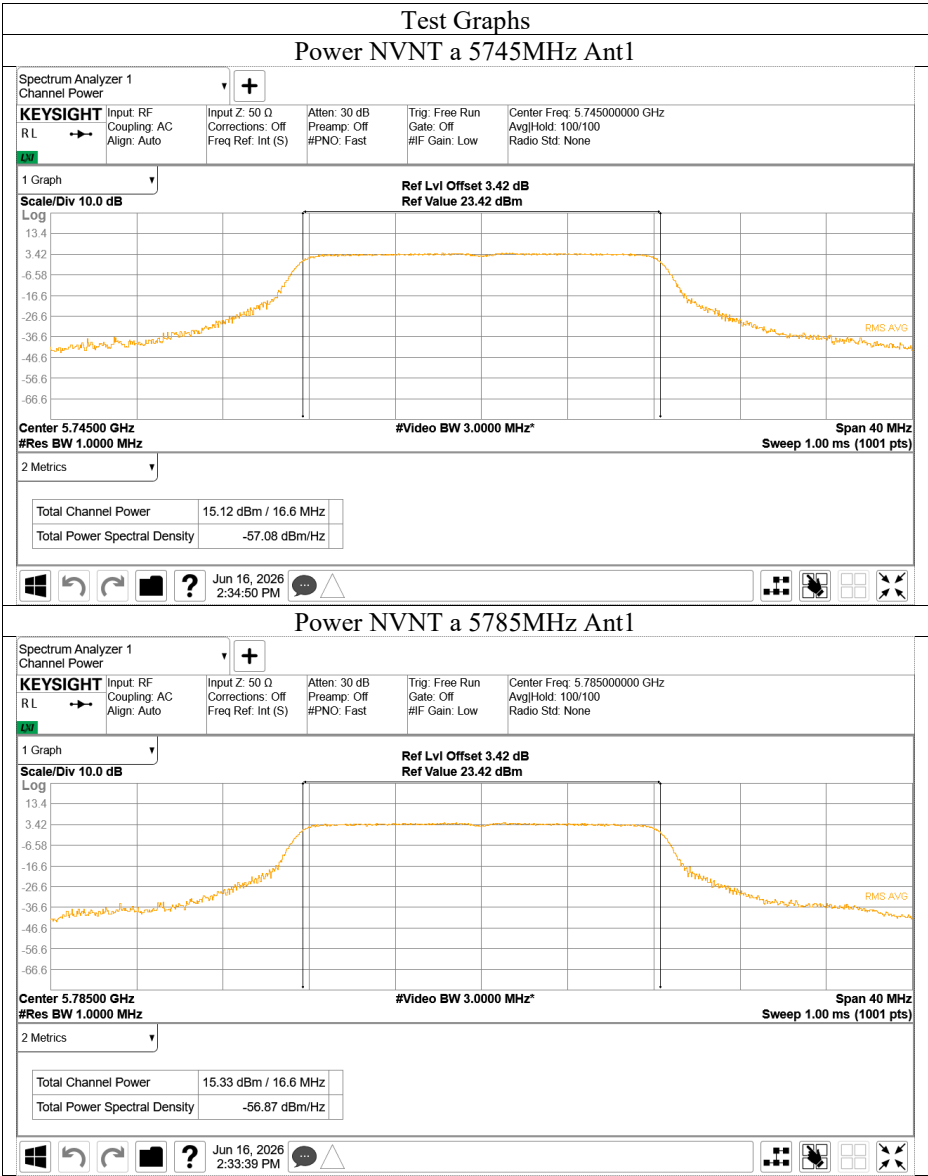


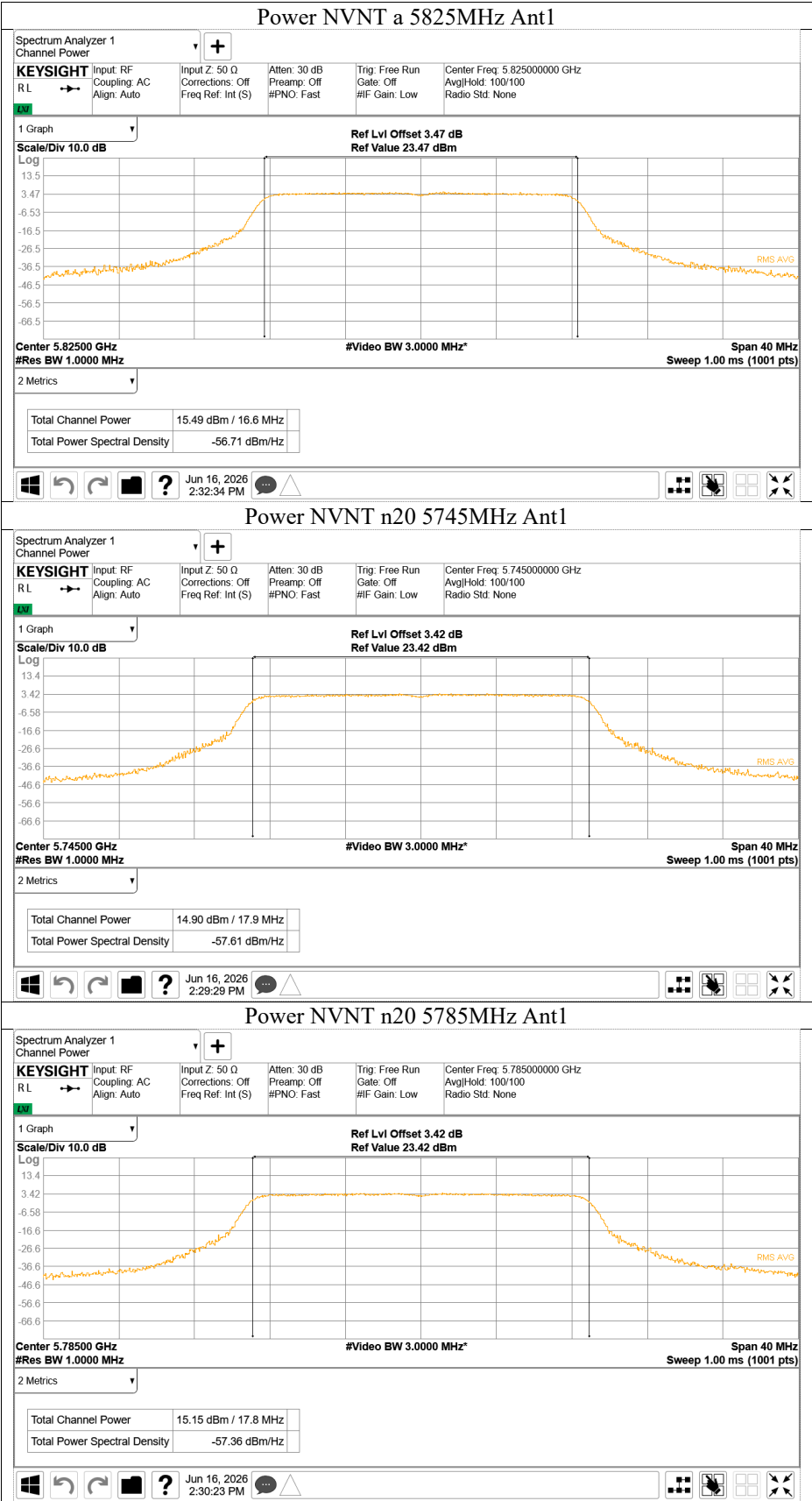
Power NVNT n40 5710MHz Ant1

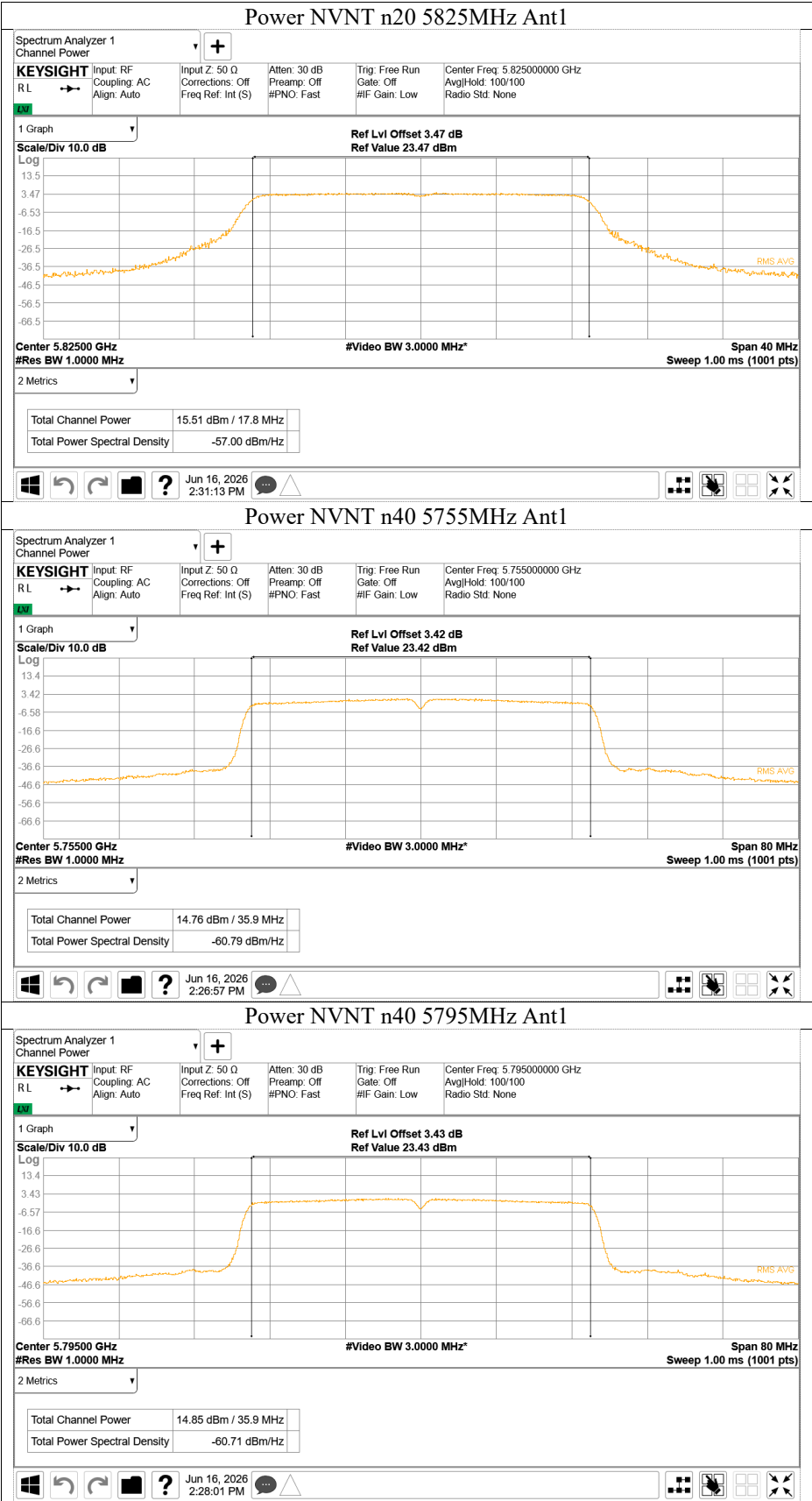




Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	FCC Limit (dBm)	IC Limit (dBm)	Gain (dBi)	E.I.R.P (dBm)	E.I.R.P Limit (dBm)	Verdict
NVNT U-NII-3	a	5745	Ant1	15.12	0	15.12	30	30	1.53	--	--	Pass
	a	5785	Ant1	15.33	0	15.33	30	30	1.53	--	--	Pass
	a	5825	Ant1	15.49	0	15.49	30	30	1.53	--	--	Pass
	n20	5745	Ant1	14.9	0	14.9	30	30	1.53	--	--	Pass
	n20	5785	Ant1	15.15	0	15.15	30	30	1.53	--	--	Pass
	n20	5825	Ant1	15.51	0	15.51	30	30	1.53	--	--	Pass
	n40	5755	Ant1	14.76	0	14.76	30	30	1.53	--	--	Pass
	n40	5795	Ant1	14.85	0	14.85	30	30	1.53	--	--	Pass

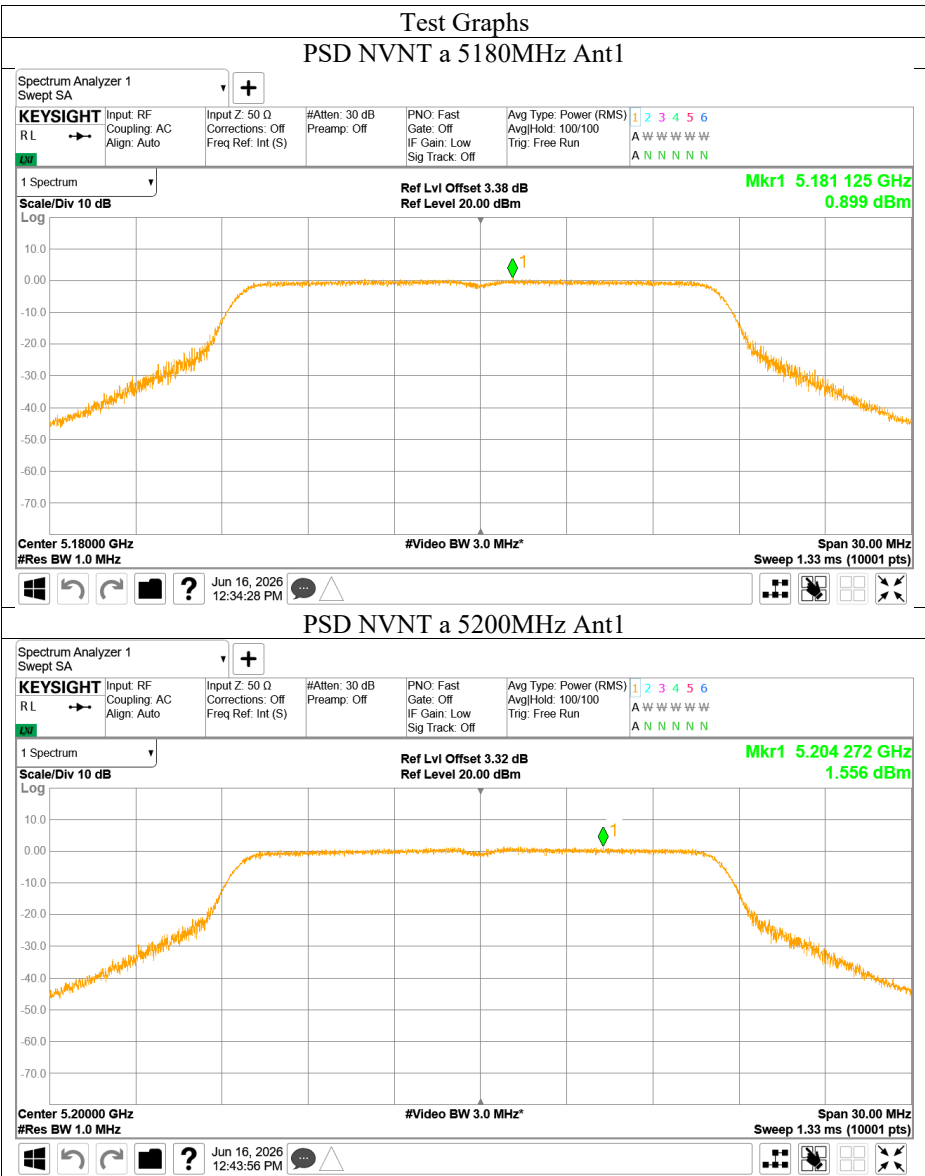


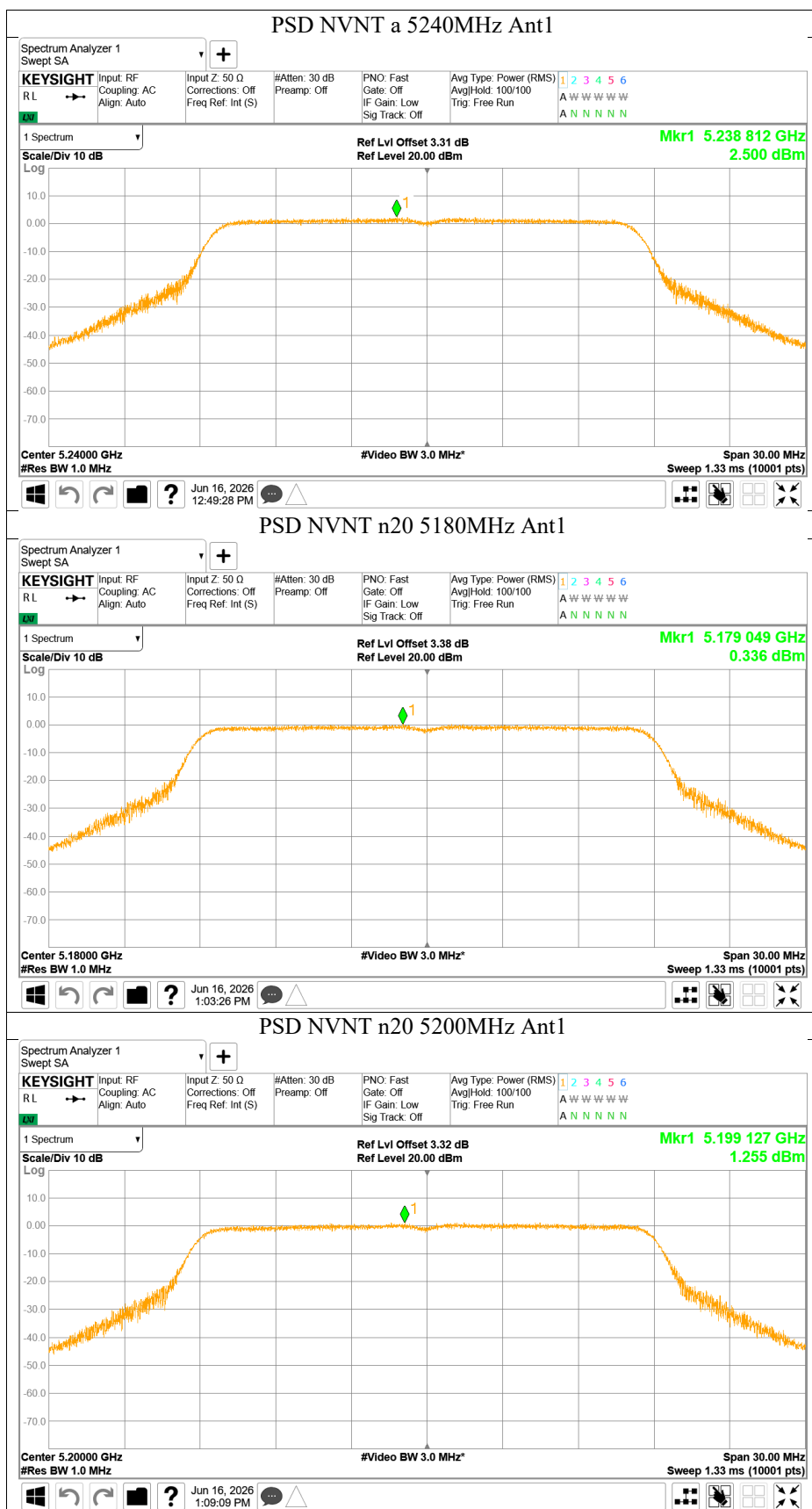


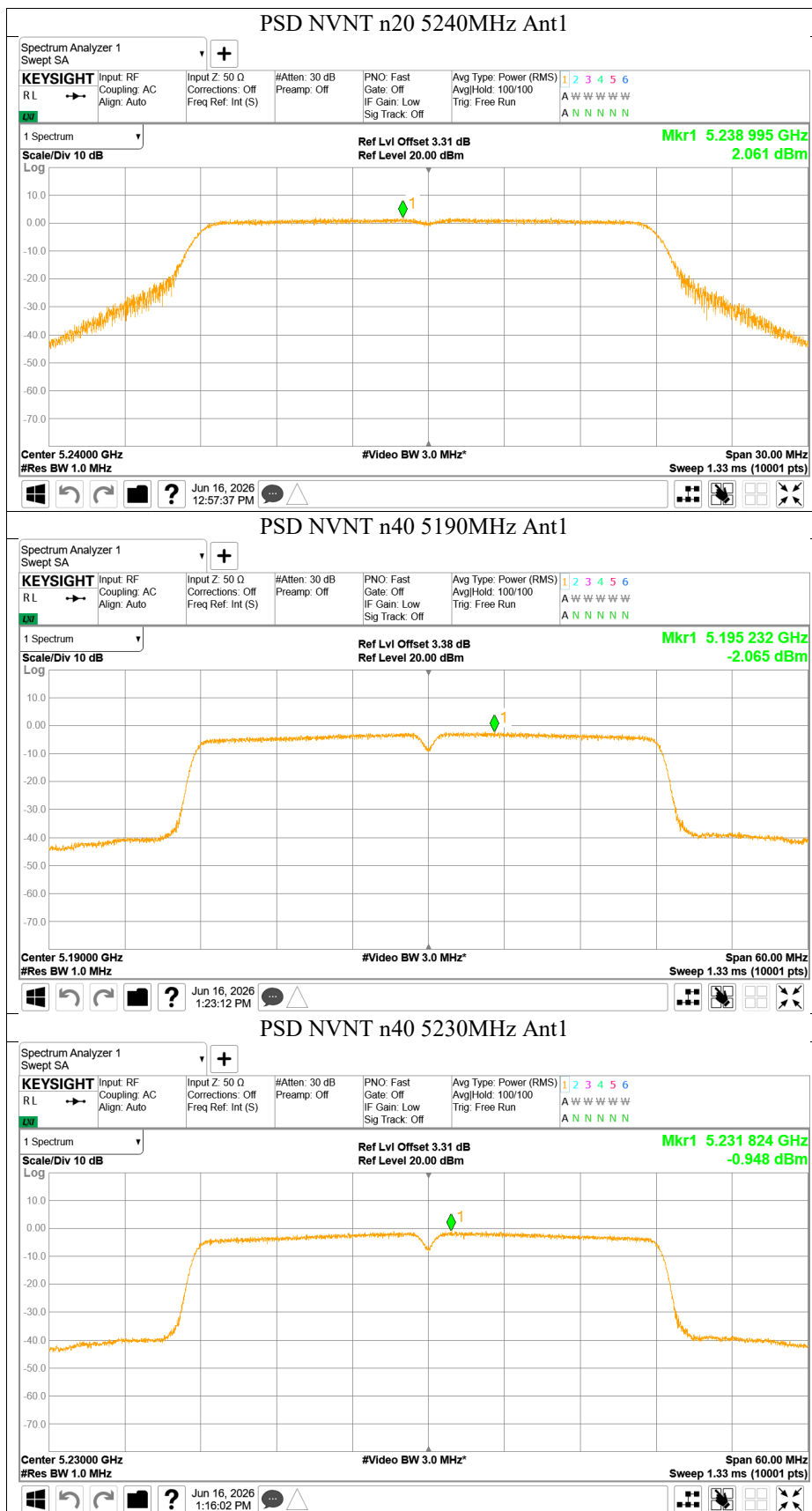


3 Maximum power spectral density

Condition	Mode	Frequency (MHz)	Conducted PSD (dBm/MHz)	Duty Factor (dB)	Total PSD (dBm/MHz)	FCC Limit (dBm/MHz)	IC Limit (dBm/MHz)	Verdict
NVNT U-NII-1	a	5180	0.9	0	0.9	11	10	Pass
	a	5200	1.56	0	1.56	11	10	Pass
	a	5240	2.5	0	2.5	11	10	Pass
	n20	5180	0.34	0	0.34	11	10	Pass
	n20	5200	1.25	0	1.25	11	10	Pass
	n20	5240	2.06	0	2.06	11	10	Pass
	n40	5190	-2.07	0	-2.07	11	10	Pass
	n40	5230	-0.95	0	-0.95	11	10	Pass

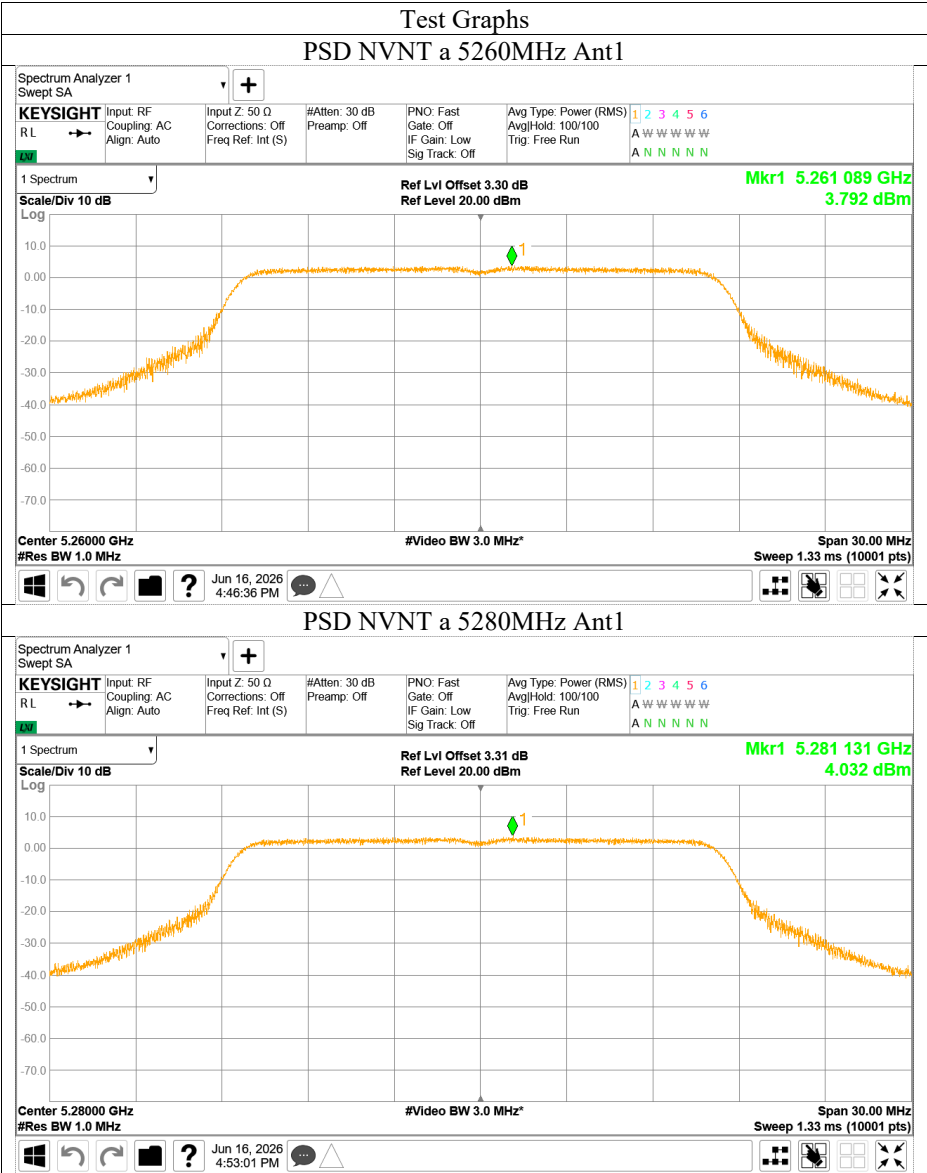


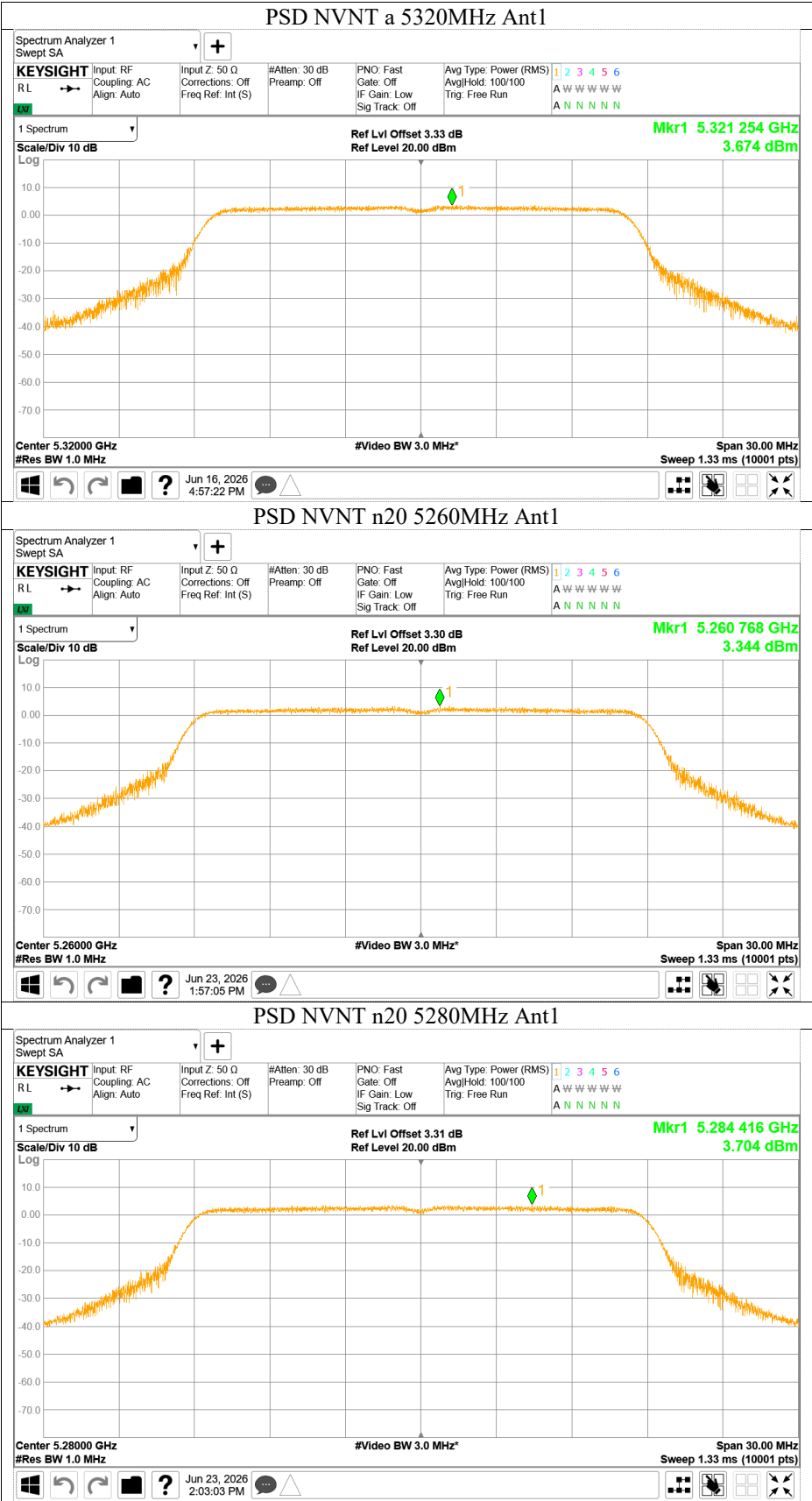


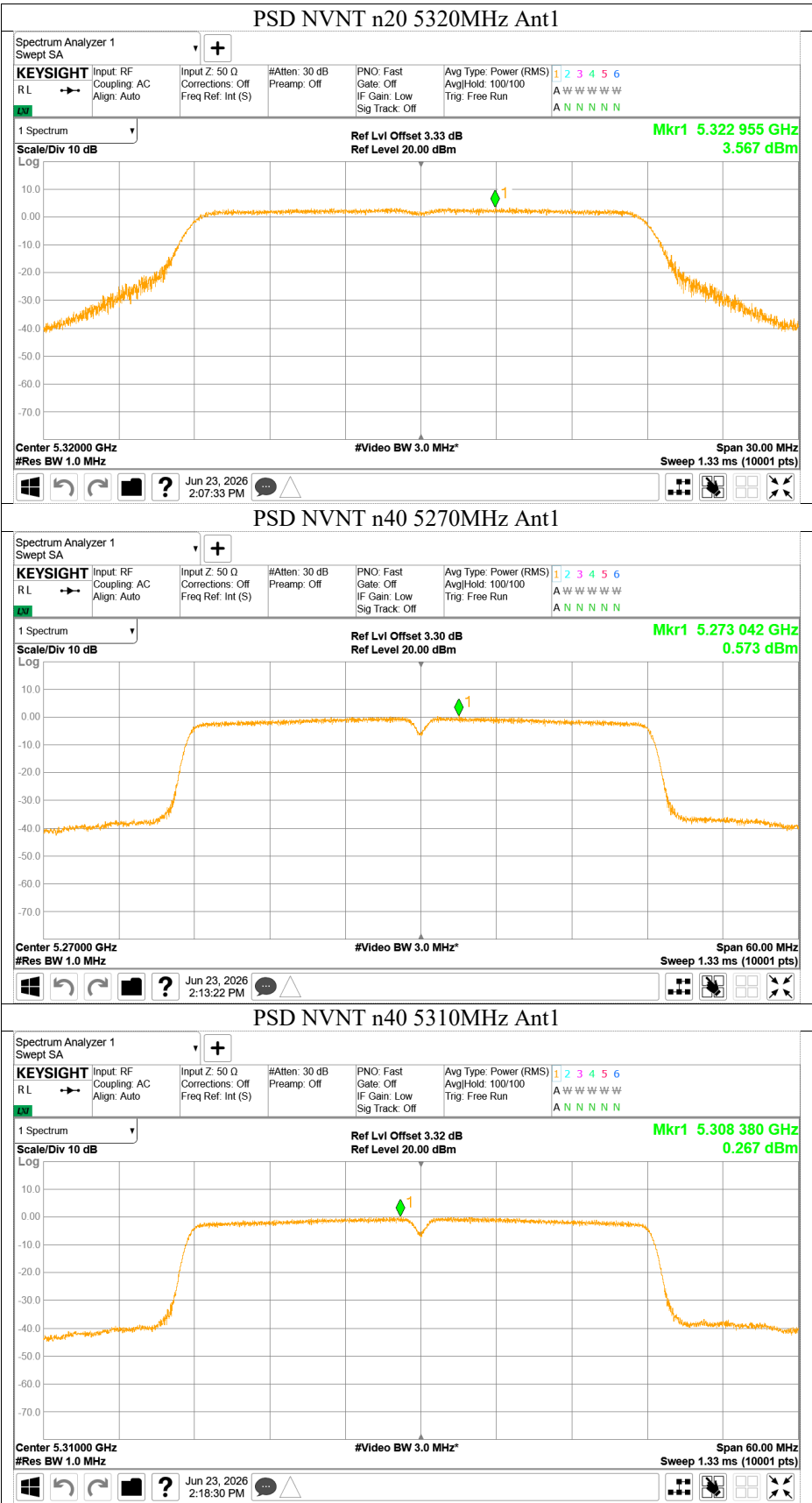




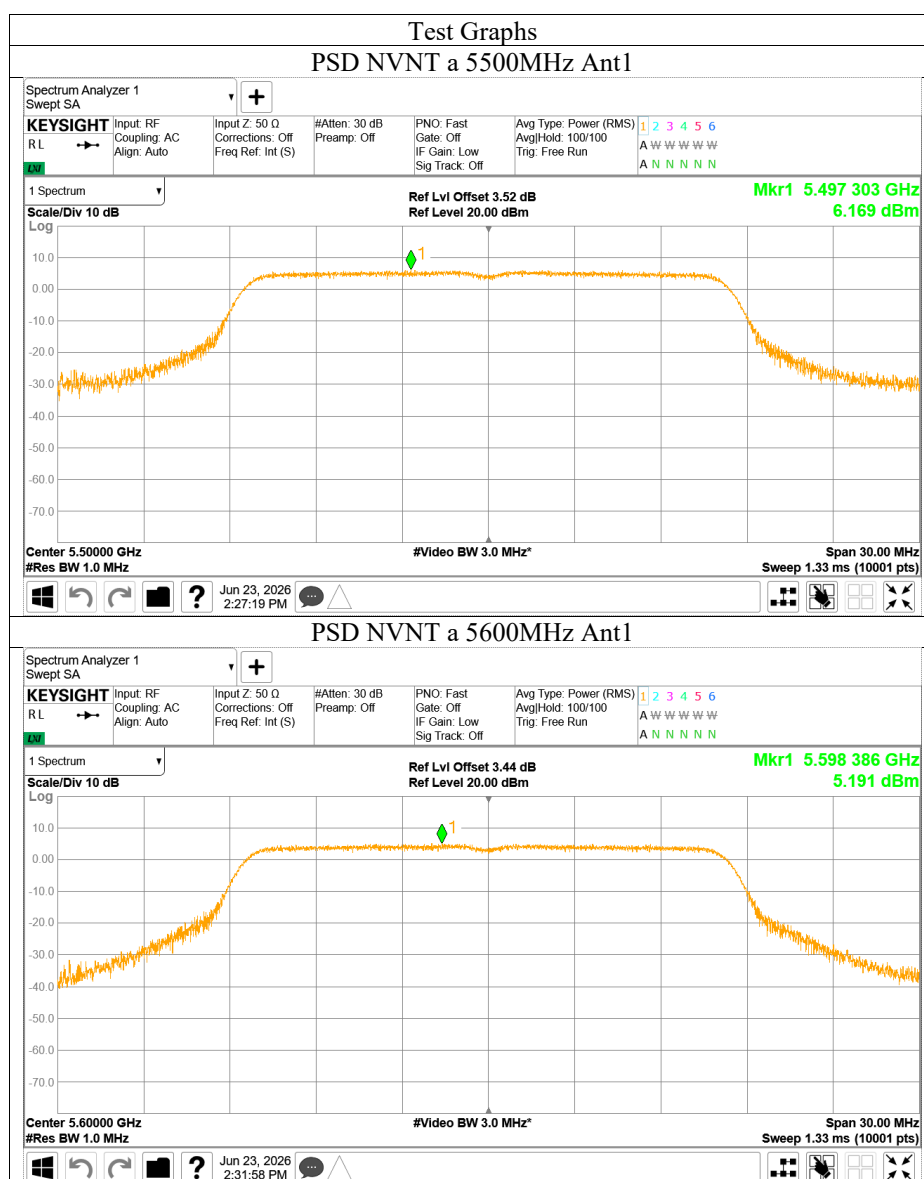
Condition	Mode	Frequency (MHz)	Conducted PSD (dBm/MHz)	Duty Factor (dB)	Total PSD (dBm/MHz)	FCC Limit (dBm/MHz)	IC Limit (dBm/MHz)	Verdict
NVNT U-NII-2A	a	5260	3.79	0	3.79	11	11	Pass
	a	5280	4.03	0	4.03	11	11	Pass
	a	5320	3.67	0	3.67	11	11	Pass
	n20	5260	3.34	0	3.34	11	11	Pass
	n20	5280	3.7	0	3.7	11	11	Pass
	n20	5320	3.57	0	3.57	11	11	Pass
	n40	5270	0.57	0	0.57	11	11	Pass
	n40	5310	0.27	0	0.27	11	11	Pass

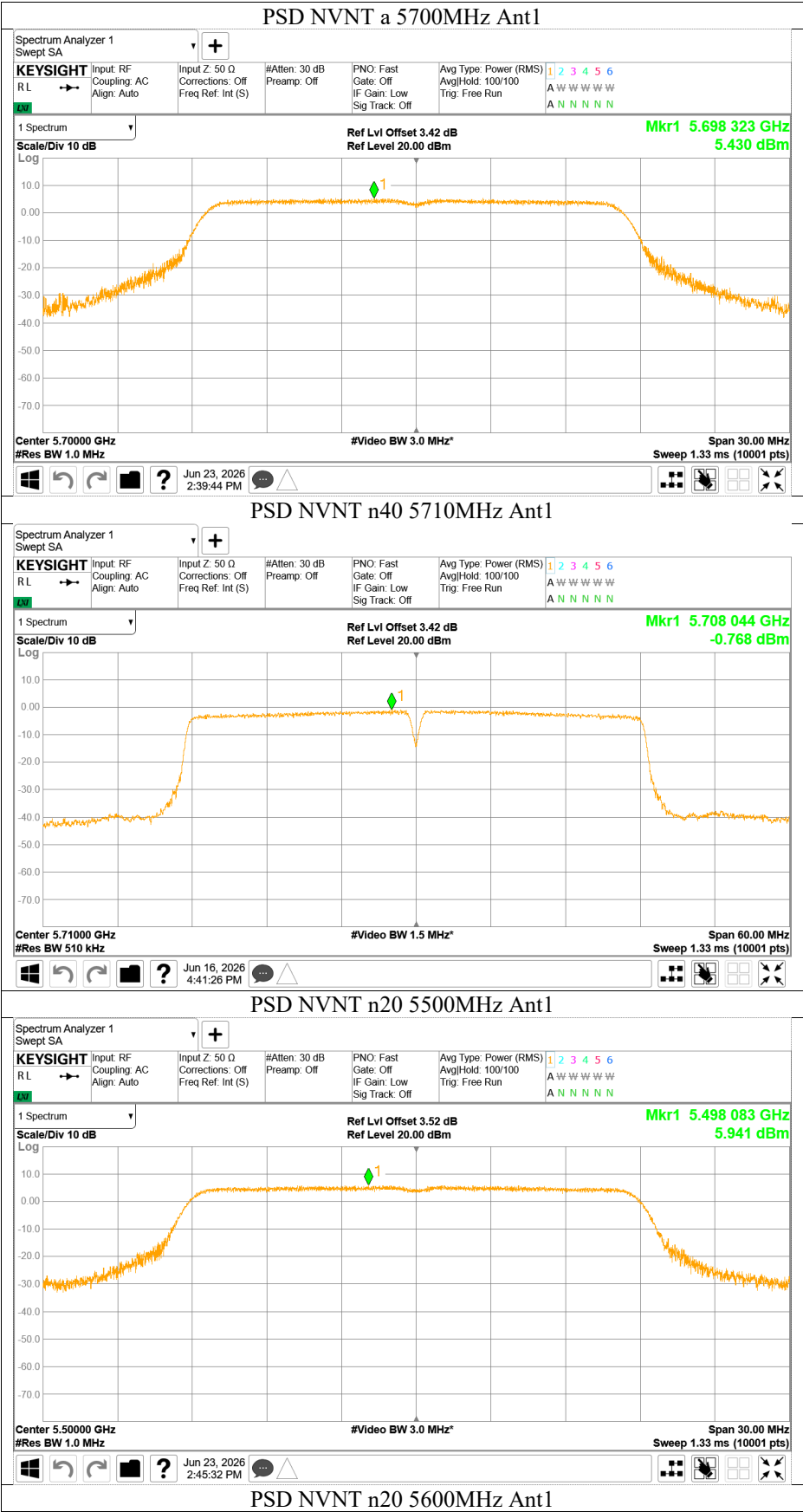


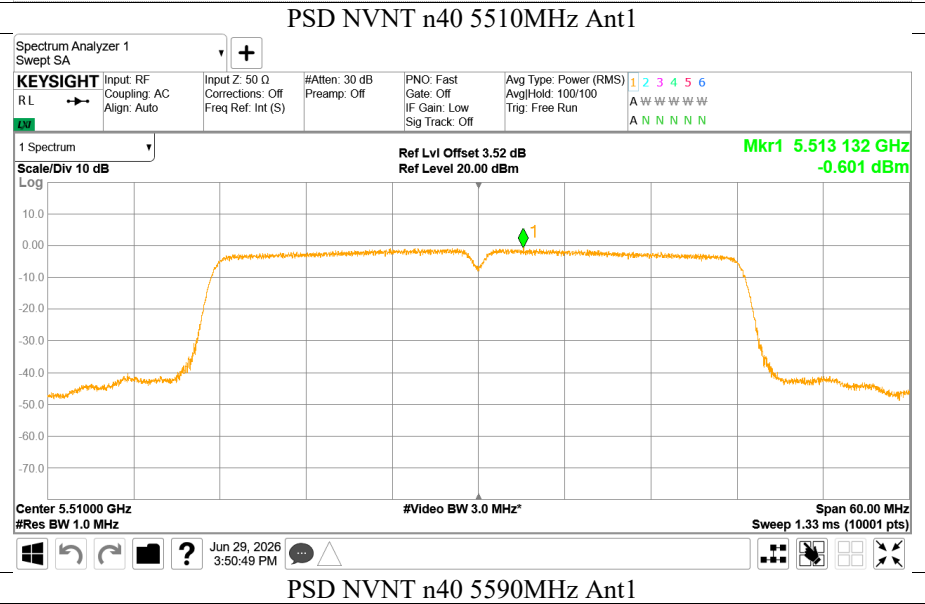
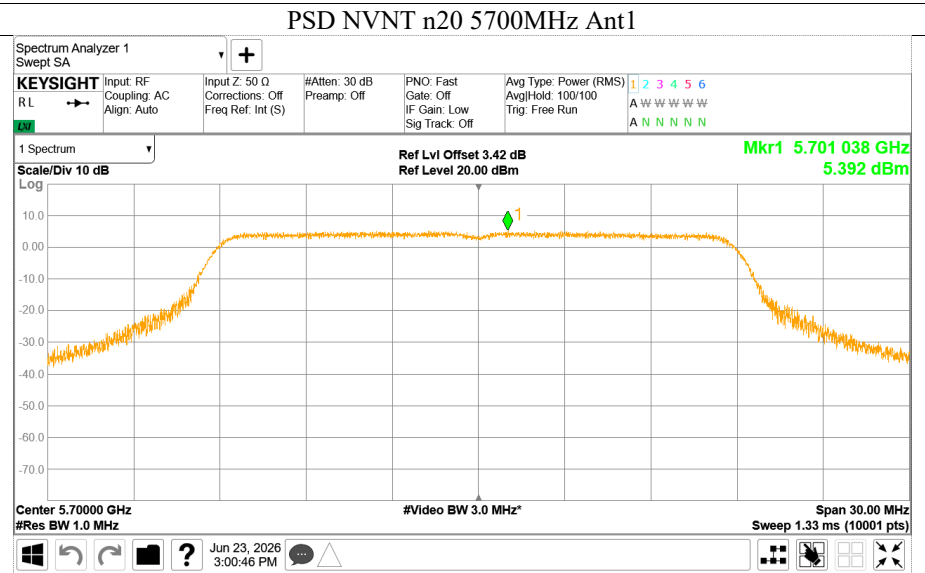
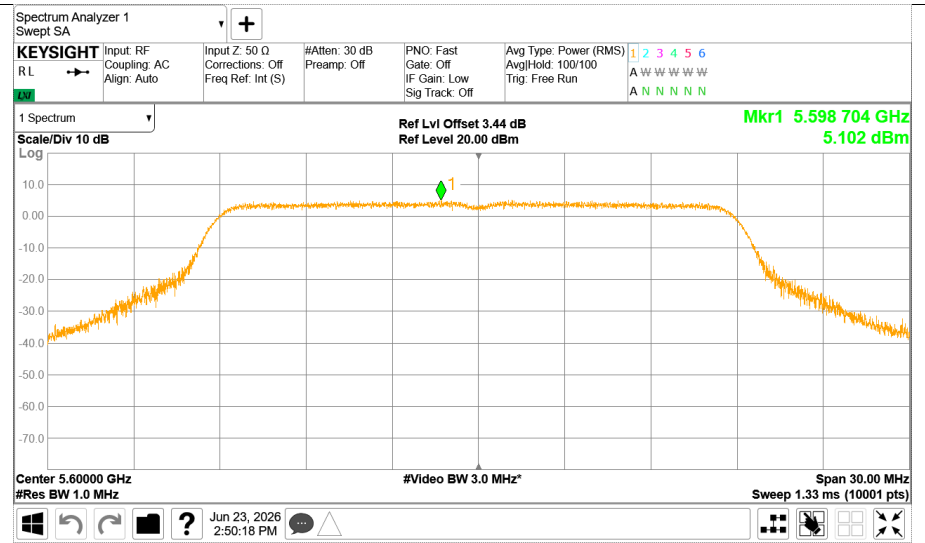


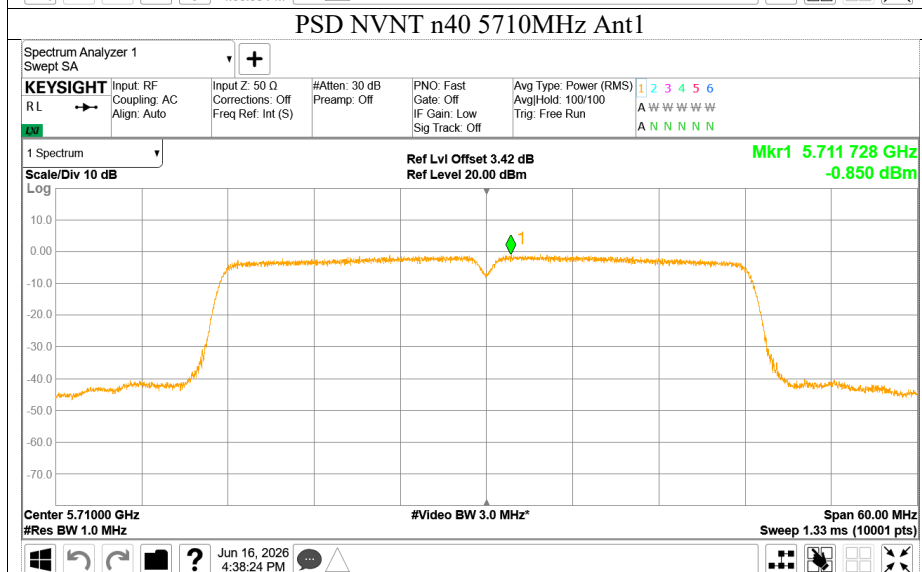
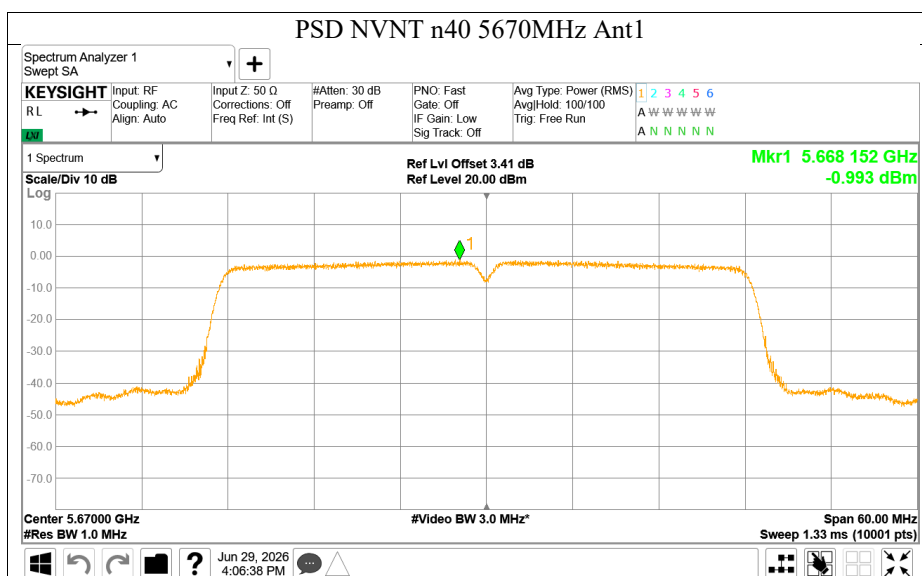
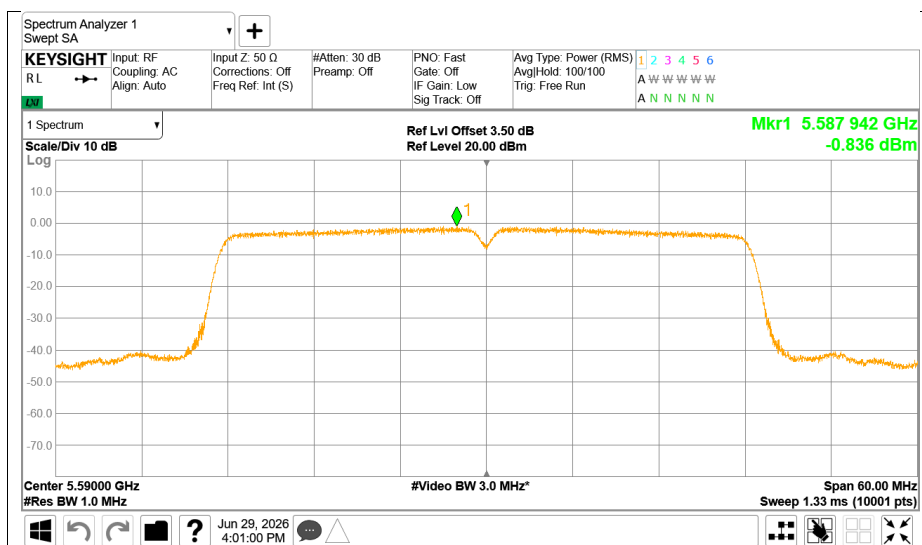


Condition	Mode	Frequency (MHz)	Conducted PSD (dBm/MHz)	Duty Factor (dB)	Total PSD (dBm/MHz)	FCC Limit (dBm/MHz)	IC Limit (dBm/MHz)	Verdict
NVNT U-NII-2C	a	5500	6.17	0	6.17	11	11	Pass
	a	5600	5.19	0	5.19	11	11	Pass
	a	5700	5.43	0	5.43	11	11	Pass
	a	5720	5.16	0	5.16	11	11	Pass
	n20	5500	5.94	0	5.94	11	11	Pass
	n20	5600	5.1	0	5.1	11	11	Pass
	n20	5700	5.39	0	5.39	11	11	Pass
	n20	5720	5.59	0	5.59	11	11	Pass
	n40	5510	-0.6	0	-0.6	11	11	Pass
	n40	5590	-0.84	0	-0.84	11	11	Pass
	n40	5670	-0.99	0	-0.99	11	11	Pass
	n40	5710	-0.85	0	-0.85	11	11	Pass









Condition	Mode	Frequency (MHz)	Conducted PSD (dBm/MHz)	Duty Factor (dB)	Total PSD (dBm/MHz)	FCC Limit (dBm/500KHz)	IC Limit (dBm/500KHz)	Verdict
NVNT U-NII-3	a	5720 (straddle channel)	Ant1	0	2.94	30	30	Pass
	a	5745	Ant1	0	1.68	30	30	Pass
	a	5785	Ant1	0	1.76	30	30	Pass
	a	5825	Ant1	0	1.94	30	30	Pass
	n20	5720 (straddle channel)	Ant1	0	2.75	30	30	Pass
	n20	5745	Ant1	0	1.44	30	30	Pass
	n20	5785	Ant1	0	1.68	30	30	Pass
	n20	5825	Ant1	0	1.96	30	30	Pass
	n40	5710 (straddle channel)	Ant1	0	-0.77	30	30	Pass
	n40	5755	Ant1	0	-1.48	30	30	Pass
	n40	5795	Ant1	0	-1.59	30	30	Pass

