



FCC - TEST REPORT

Appendix A for 709502606891-00A

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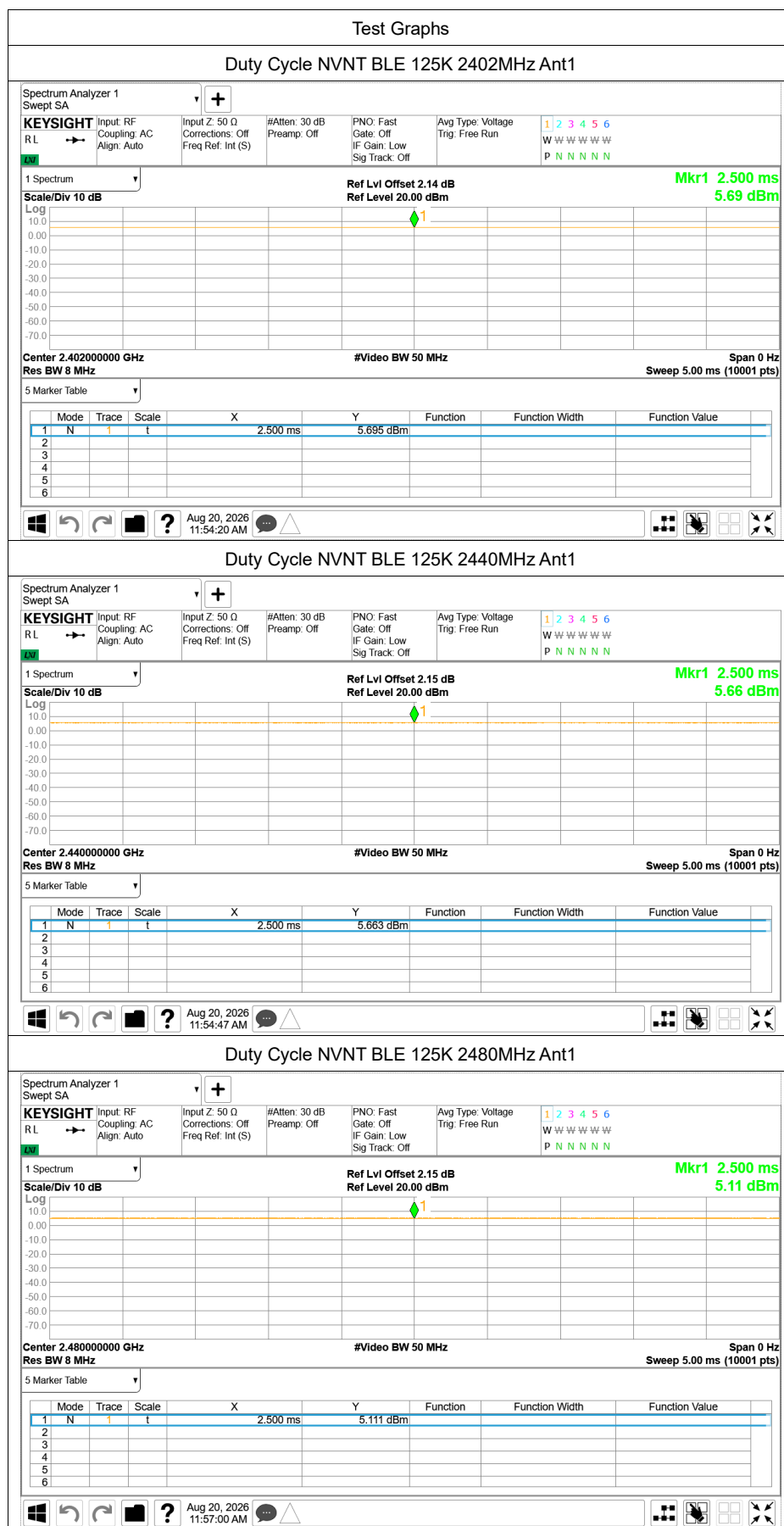
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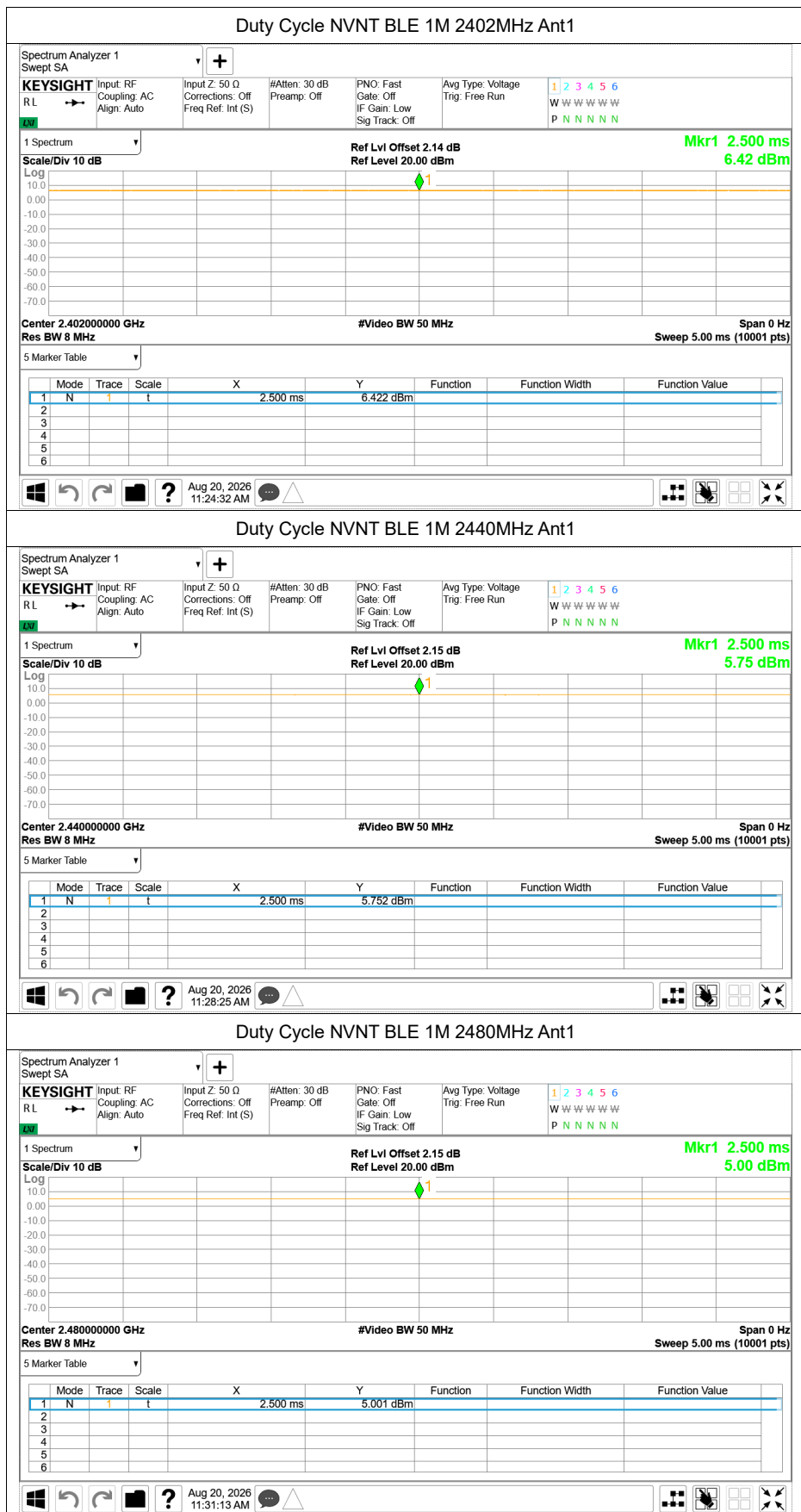
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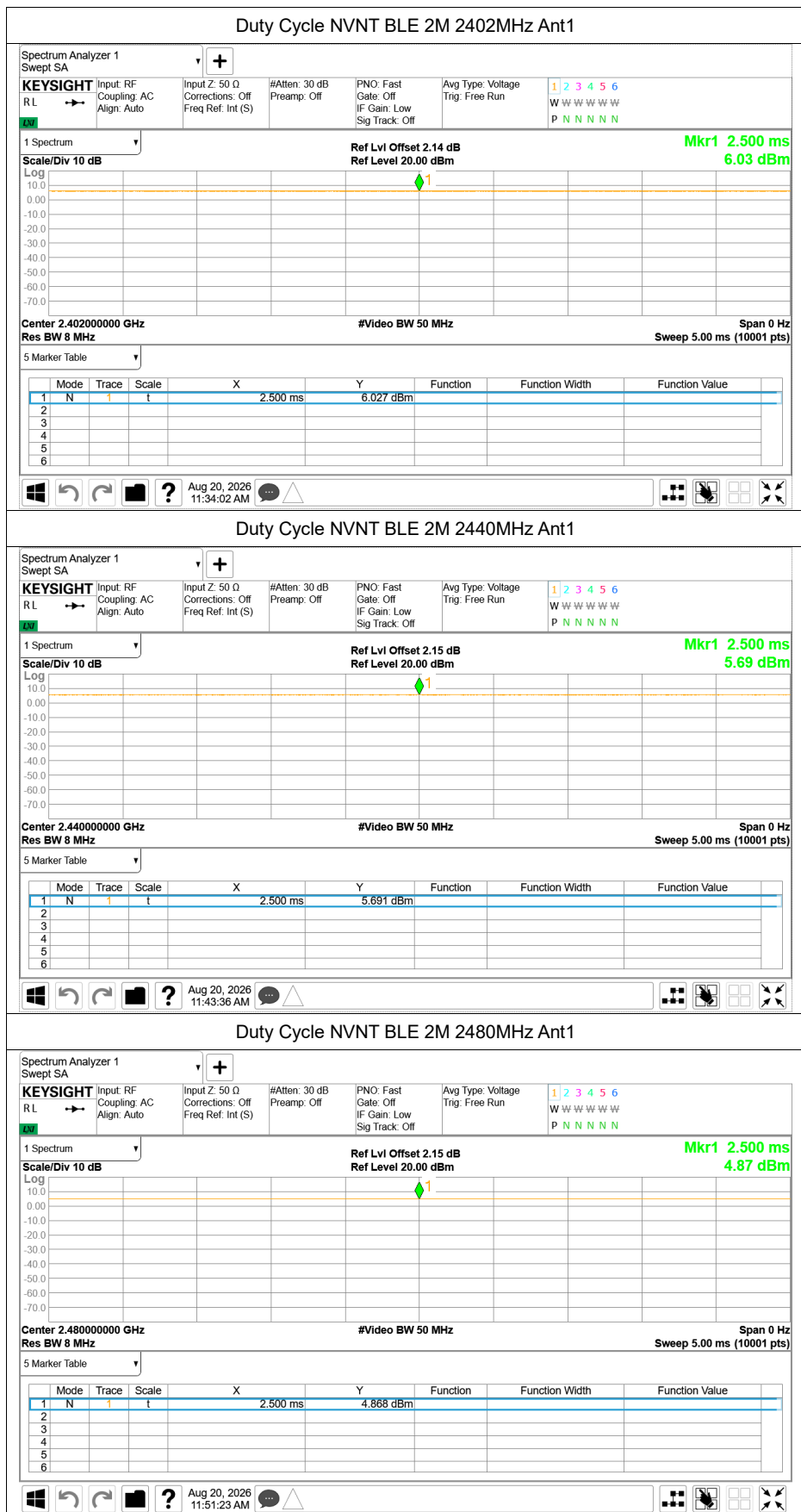


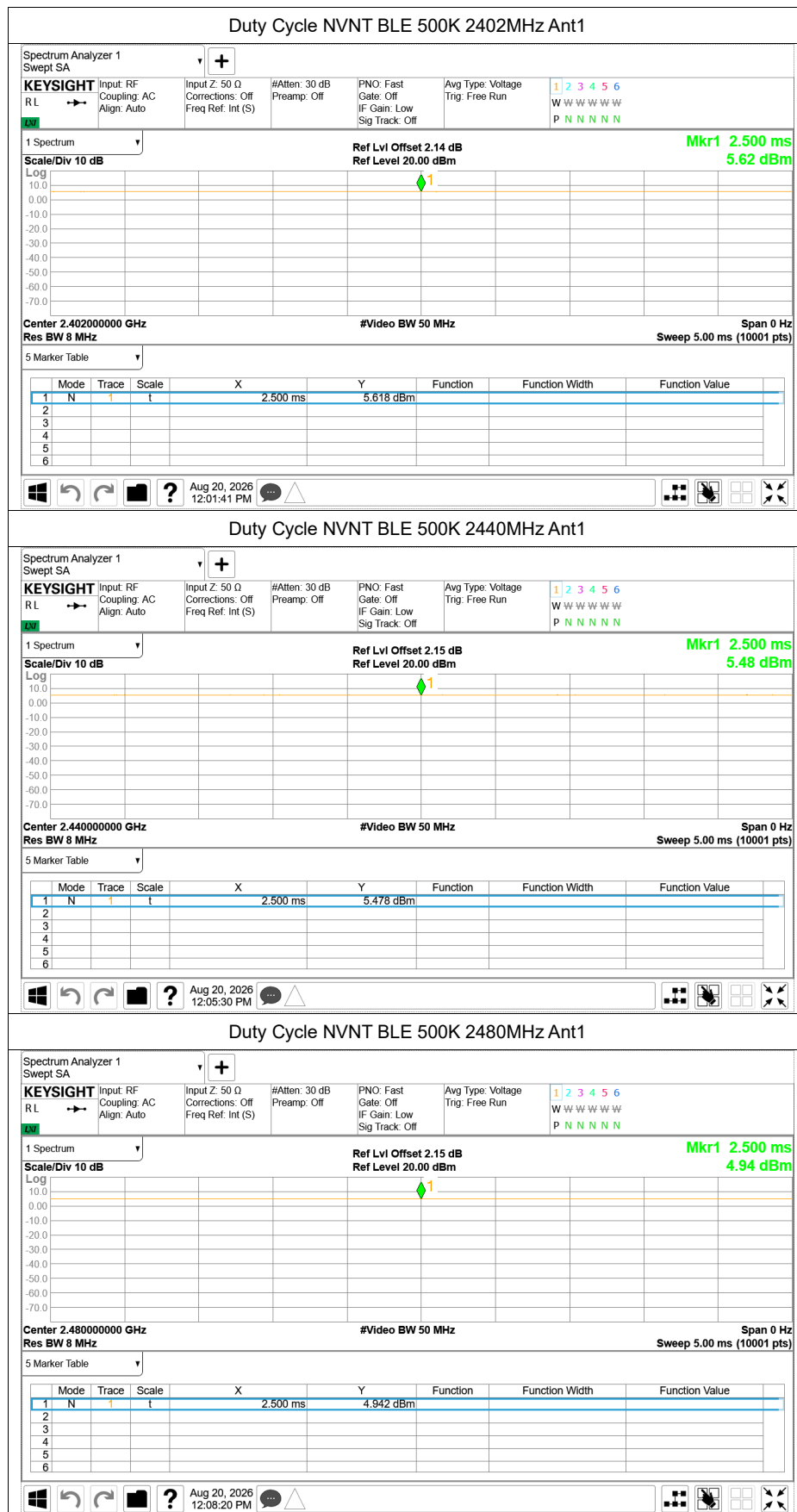
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	BLE 125K	2402	Ant1	100	0	0
NVNT	BLE 125K	2440	Ant1	100	0	0
NVNT	BLE 125K	2480	Ant1	100	0	0
NVNT	BLE 1M	2402	Ant1	100	0	0
NVNT	BLE 1M	2440	Ant1	100	0	0
NVNT	BLE 1M	2480	Ant1	100	0	0
NVNT	BLE 2M	2402	Ant1	100	0	0
NVNT	BLE 2M	2440	Ant1	100	0	0
NVNT	BLE 2M	2480	Ant1	100	0	0
NVNT	BLE 500K	2402	Ant1	100	0	0
NVNT	BLE 500K	2440	Ant1	100	0	0
NVNT	BLE 500K	2480	Ant1	100	0	0





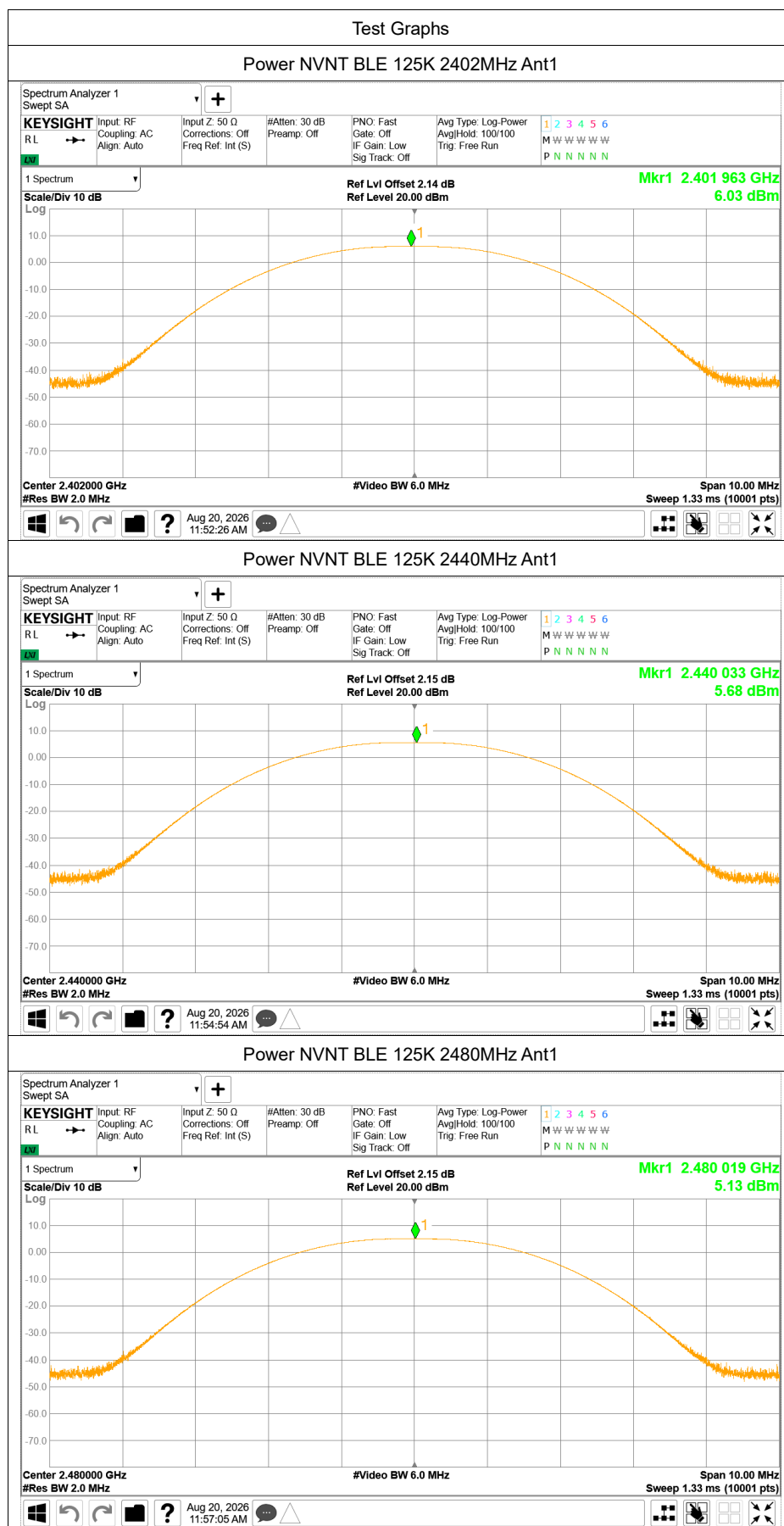


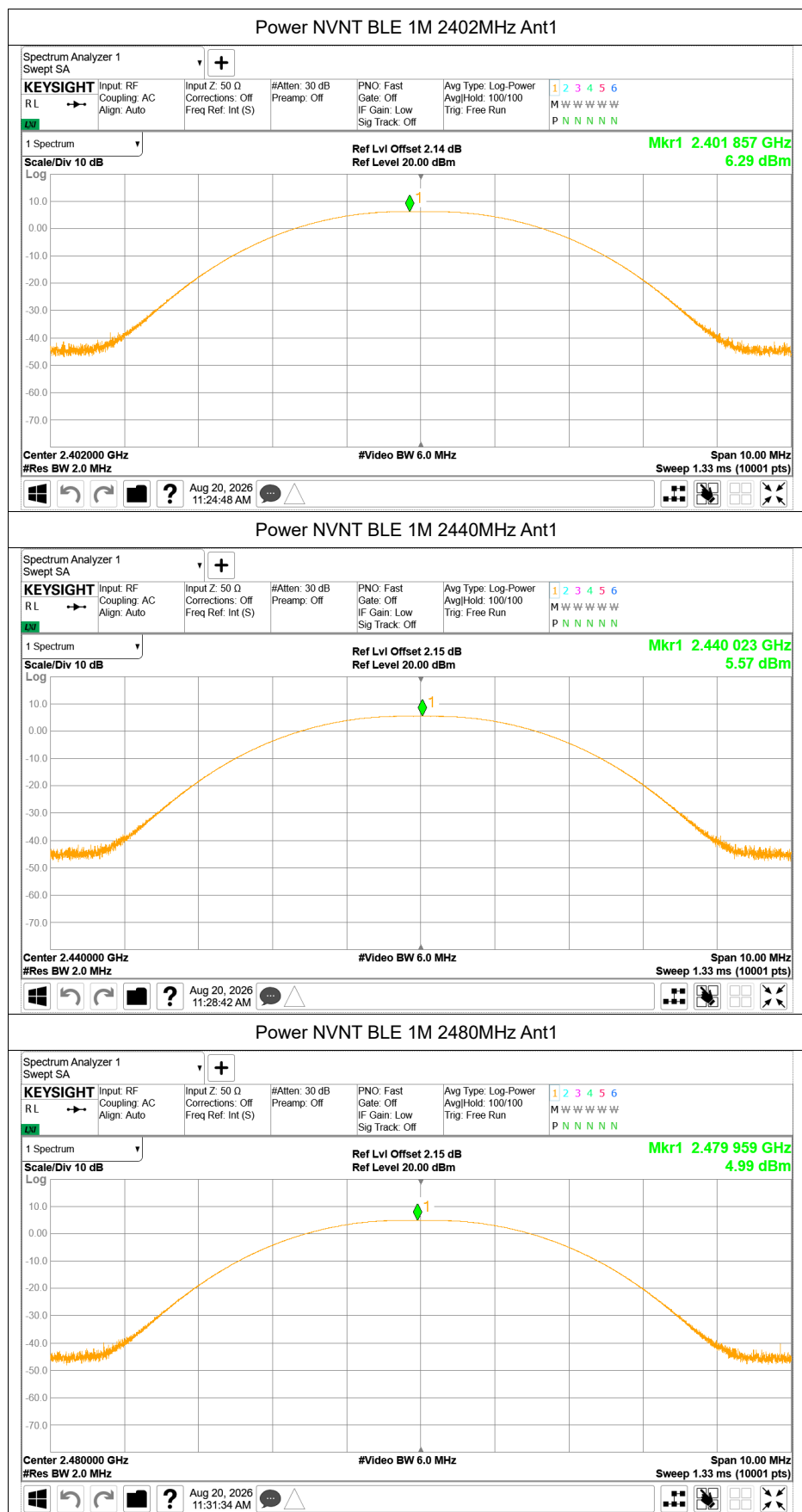


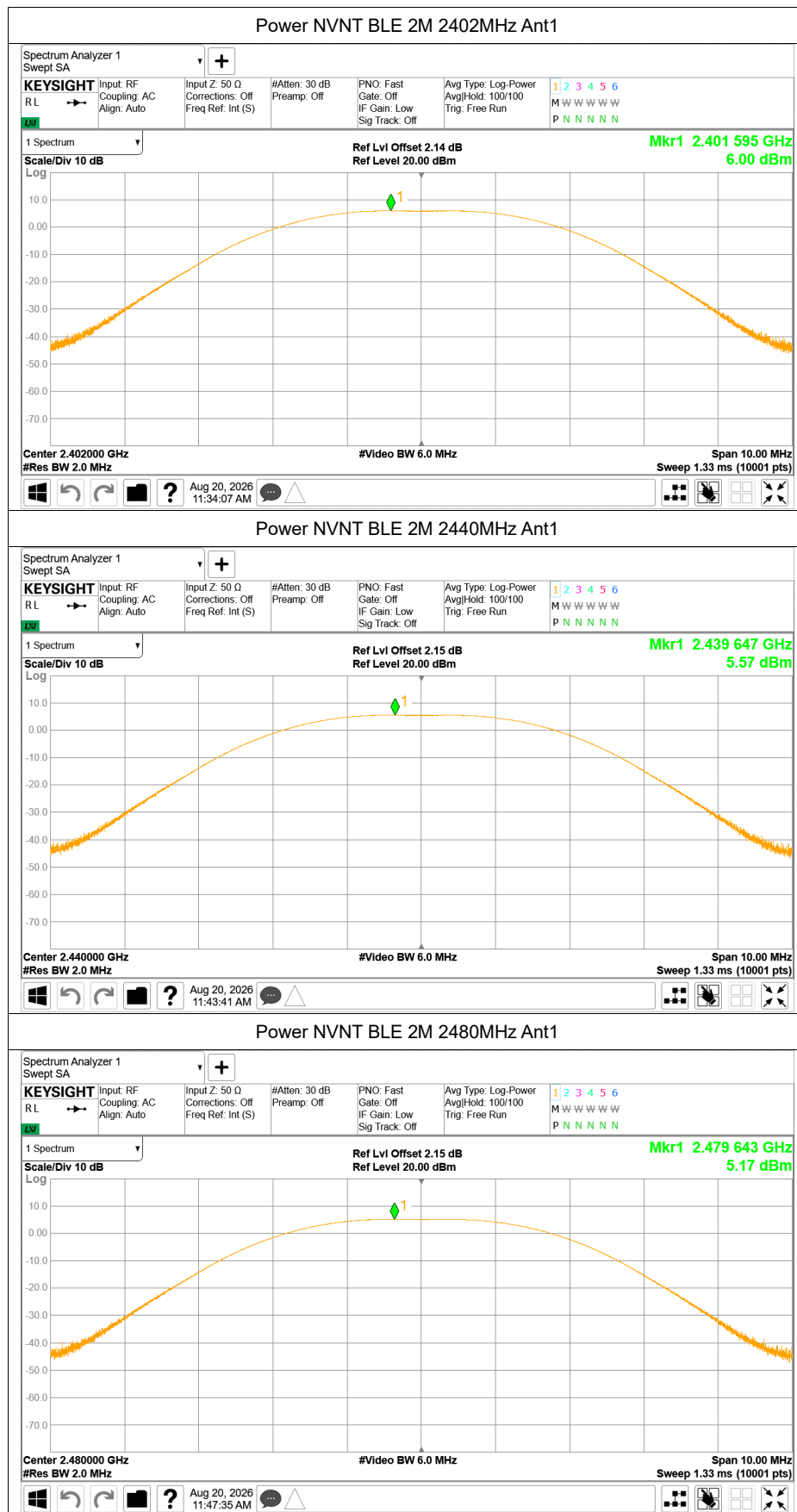


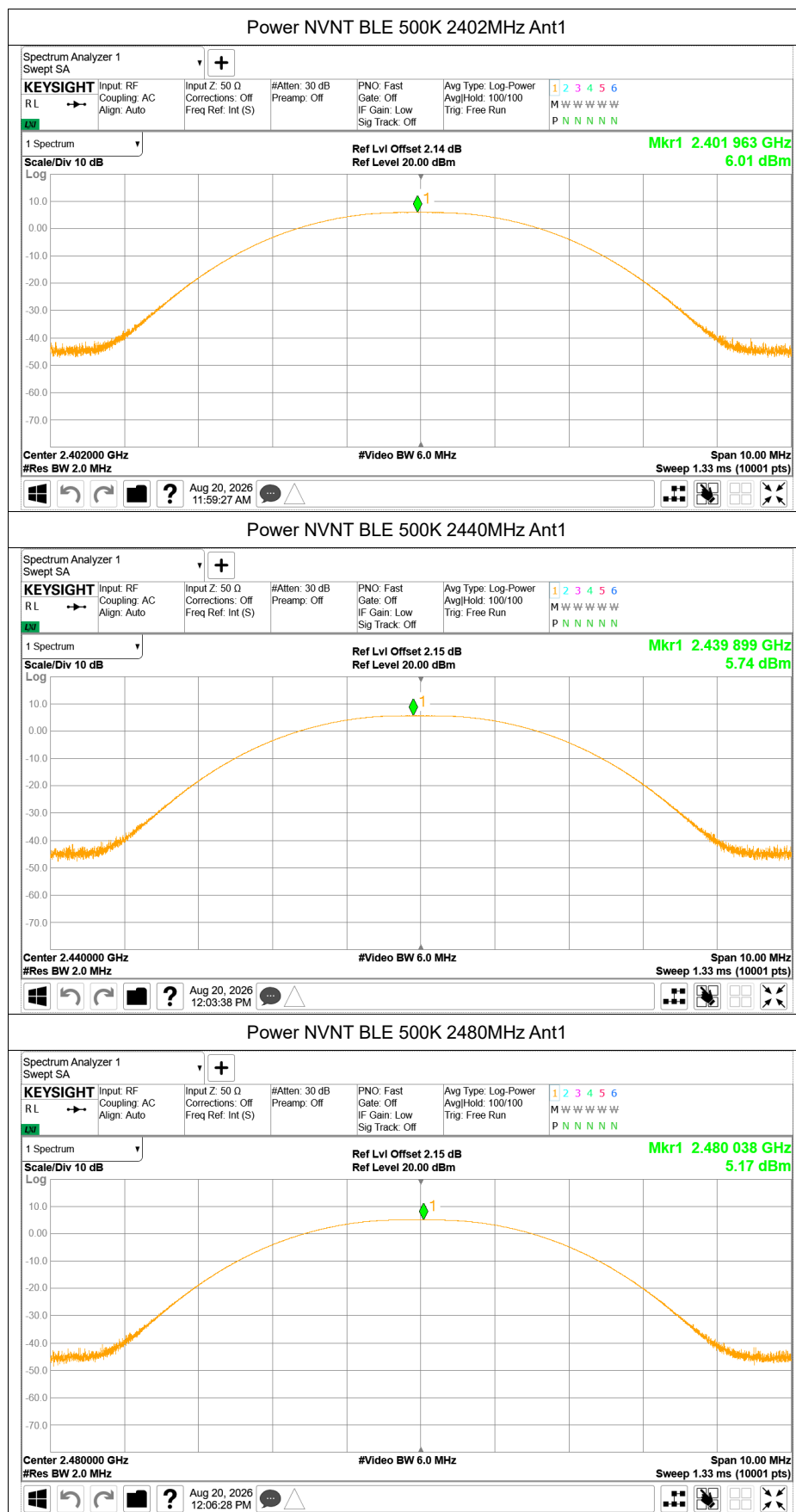
Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE 125K	2402	Ant1	6.03	0	6.03	30	Pass
NVNT	BLE 125K	2440	Ant1	5.68	0	5.68	30	Pass
NVNT	BLE 125K	2480	Ant1	5.13	0	5.13	30	Pass
NVNT	BLE 1M	2402	Ant1	6.29	0	6.29	30	Pass
NVNT	BLE 1M	2440	Ant1	5.57	0	5.57	30	Pass
NVNT	BLE 1M	2480	Ant1	4.99	0	4.99	30	Pass
NVNT	BLE 2M	2402	Ant1	6	0	6	30	Pass
NVNT	BLE 2M	2440	Ant1	5.57	0	5.57	30	Pass
NVNT	BLE 2M	2480	Ant1	5.18	0	5.18	30	Pass
NVNT	BLE 500K	2402	Ant1	6.01	0	6.01	30	Pass
NVNT	BLE 500K	2440	Ant1	5.74	0	5.74	30	Pass
NVNT	BLE 500K	2480	Ant1	5.17	0	5.17	30	Pass





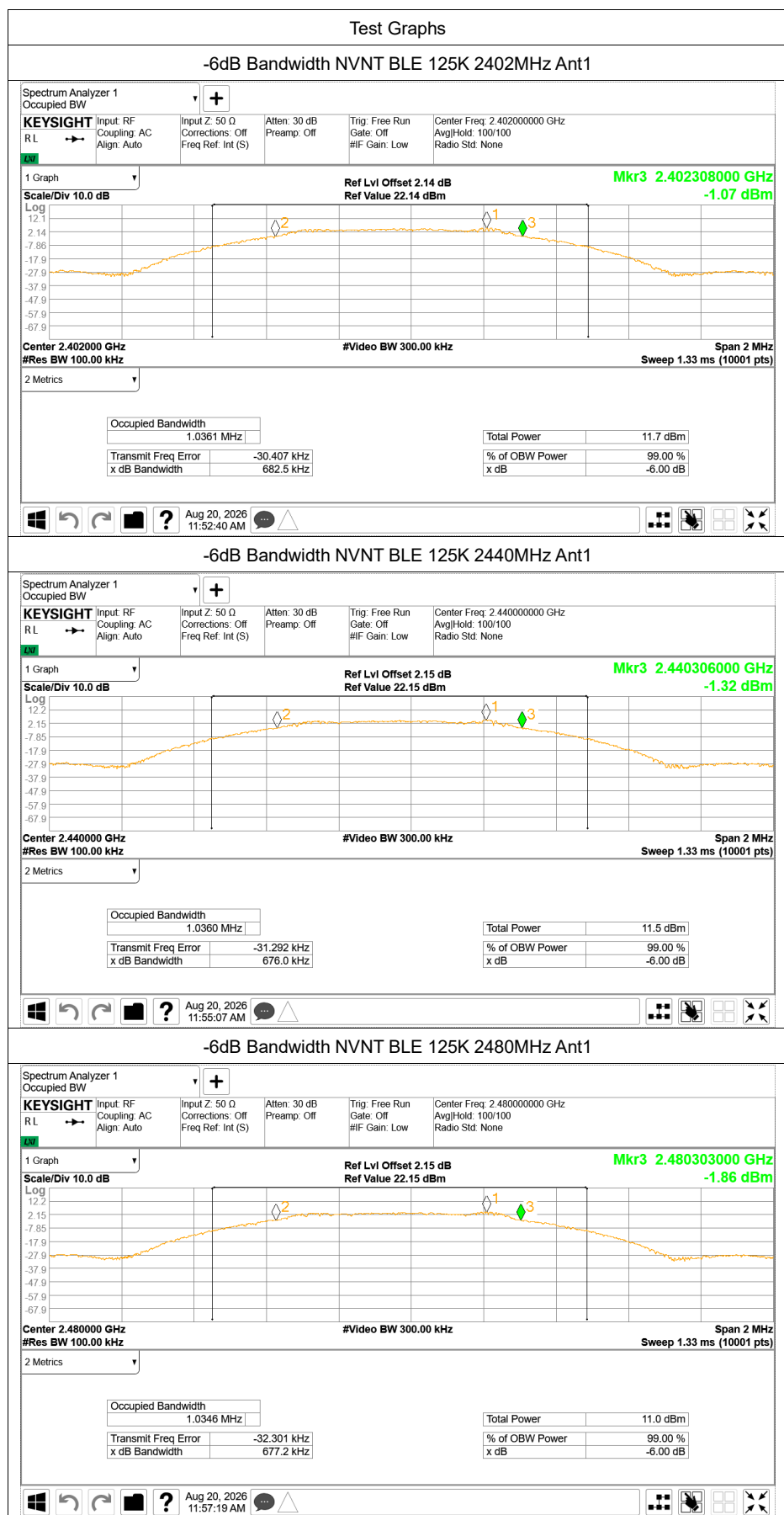


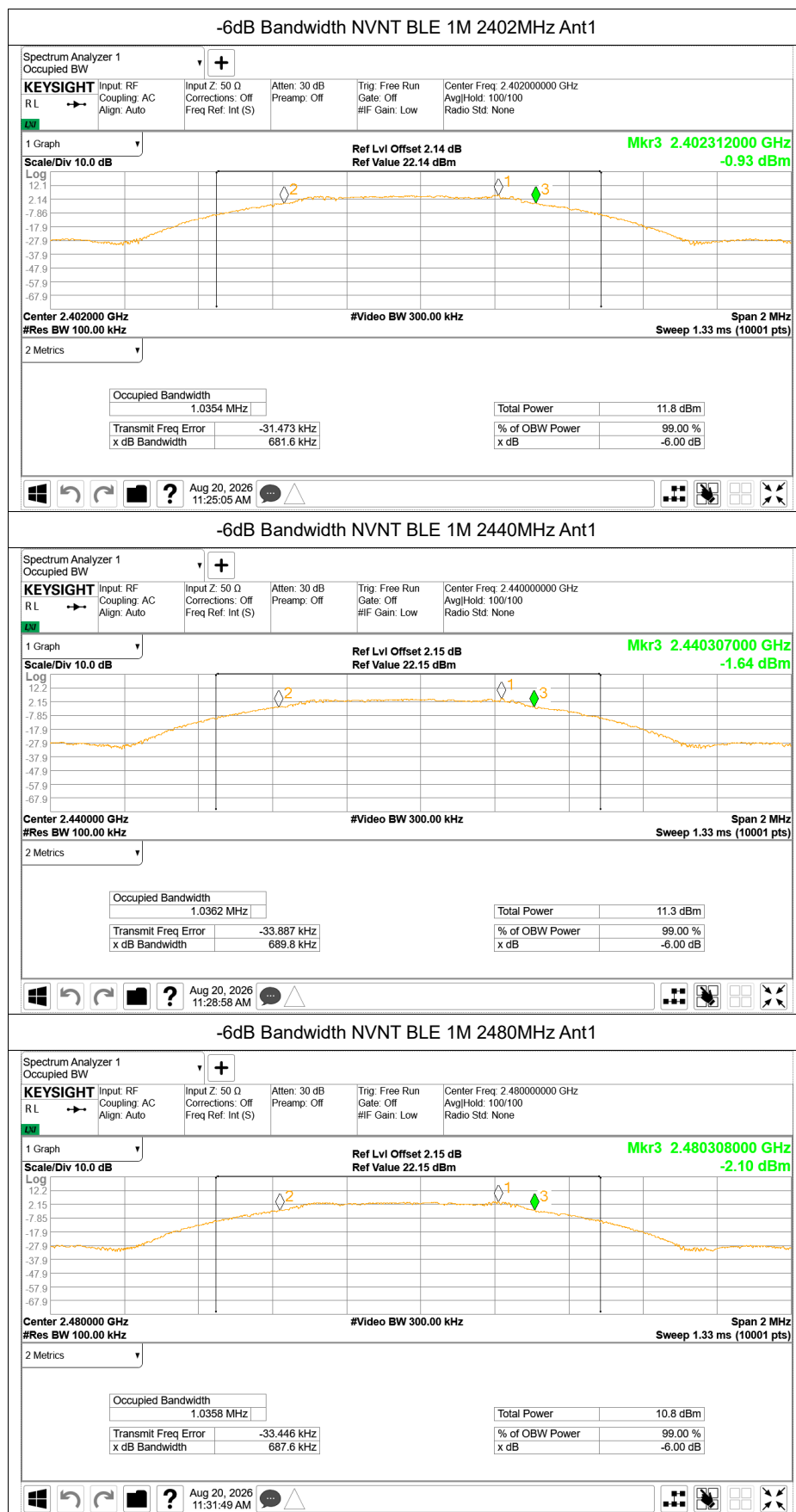


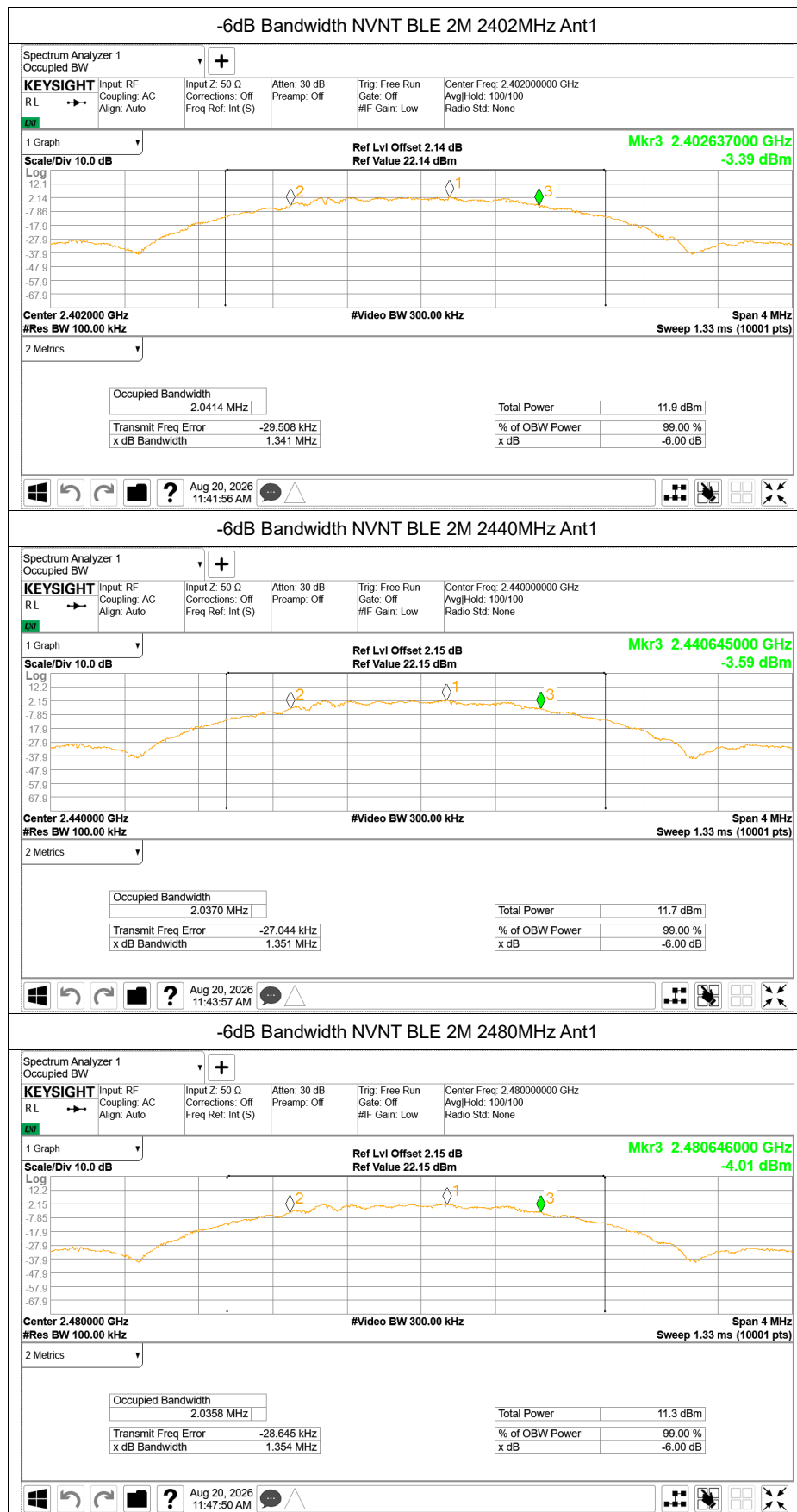


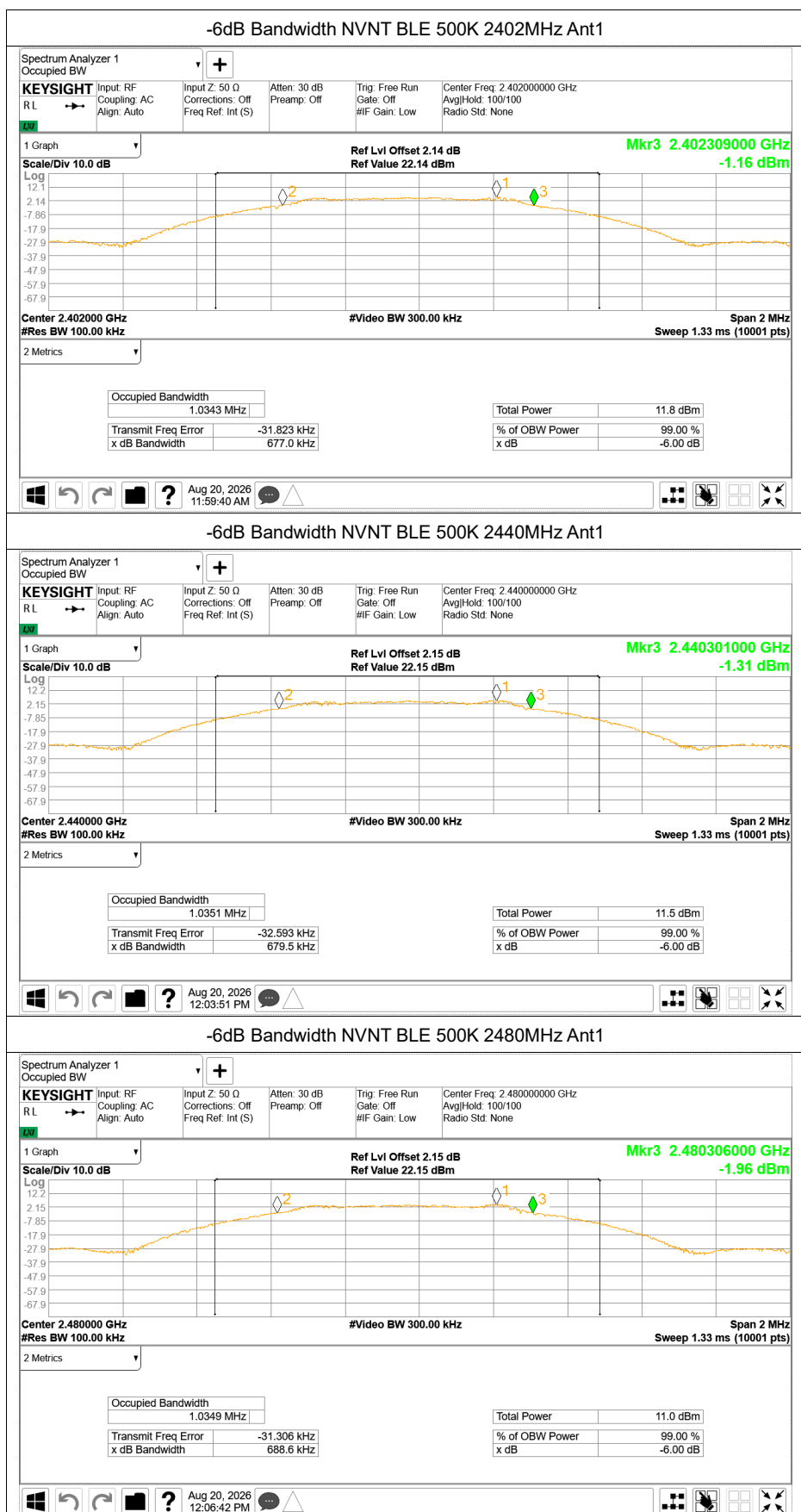
-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	BLE 125K	2402	Ant1	0.683	0.5	Pass
NVNT	BLE 125K	2440	Ant1	0.676	0.5	Pass
NVNT	BLE 125K	2480	Ant1	0.677	0.5	Pass
NVNT	BLE 1M	2402	Ant1	0.682	0.5	Pass
NVNT	BLE 1M	2440	Ant1	0.69	0.5	Pass
NVNT	BLE 1M	2480	Ant1	0.688	0.5	Pass
NVNT	BLE 2M	2402	Ant1	1.341	0.5	Pass
NVNT	BLE 2M	2440	Ant1	1.351	0.5	Pass
NVNT	BLE 2M	2480	Ant1	1.354	0.5	Pass
NVNT	BLE 500K	2402	Ant1	0.677	0.5	Pass
NVNT	BLE 500K	2440	Ant1	0.679	0.5	Pass
NVNT	BLE 500K	2480	Ant1	0.689	0.5	Pass





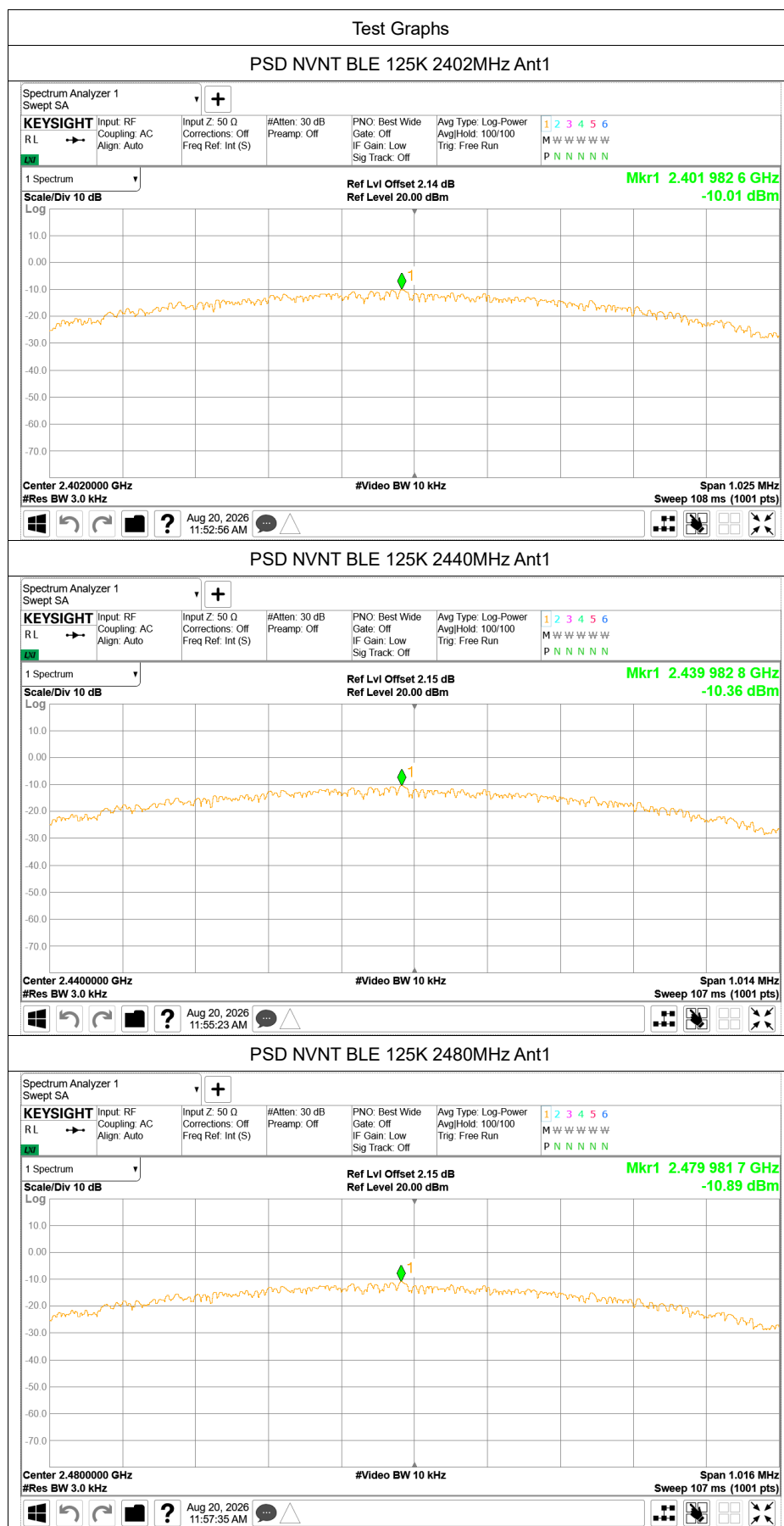


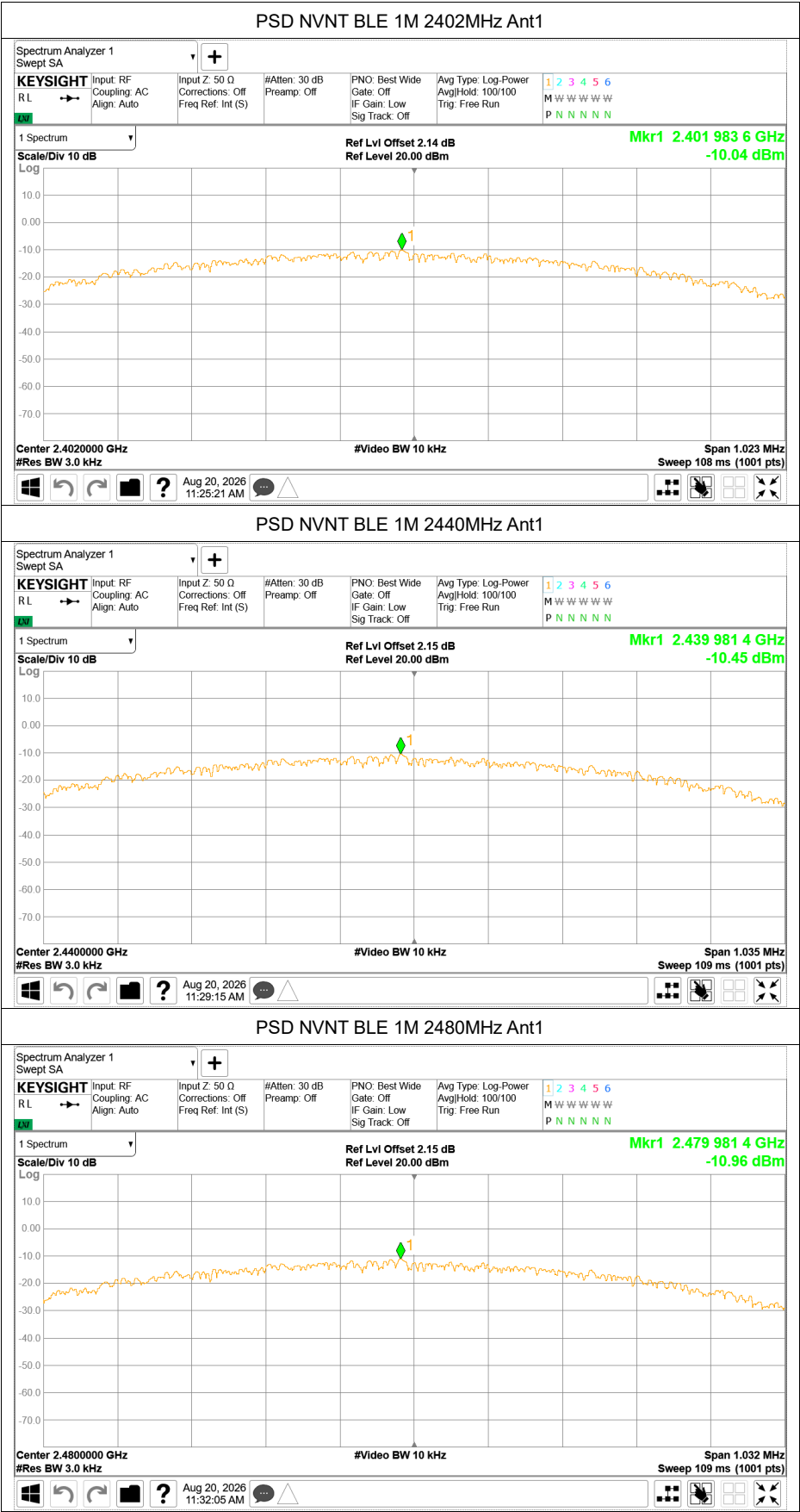


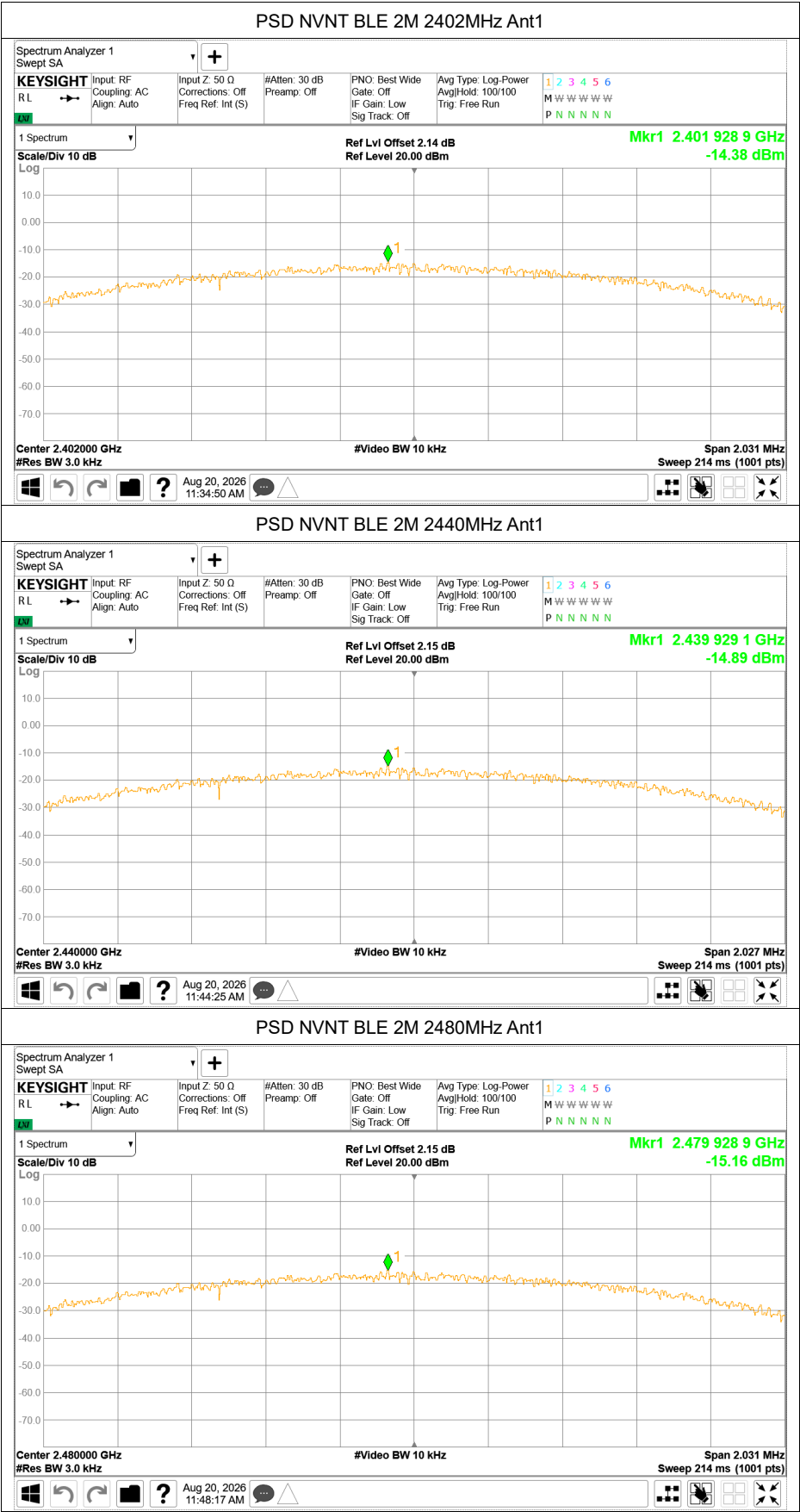


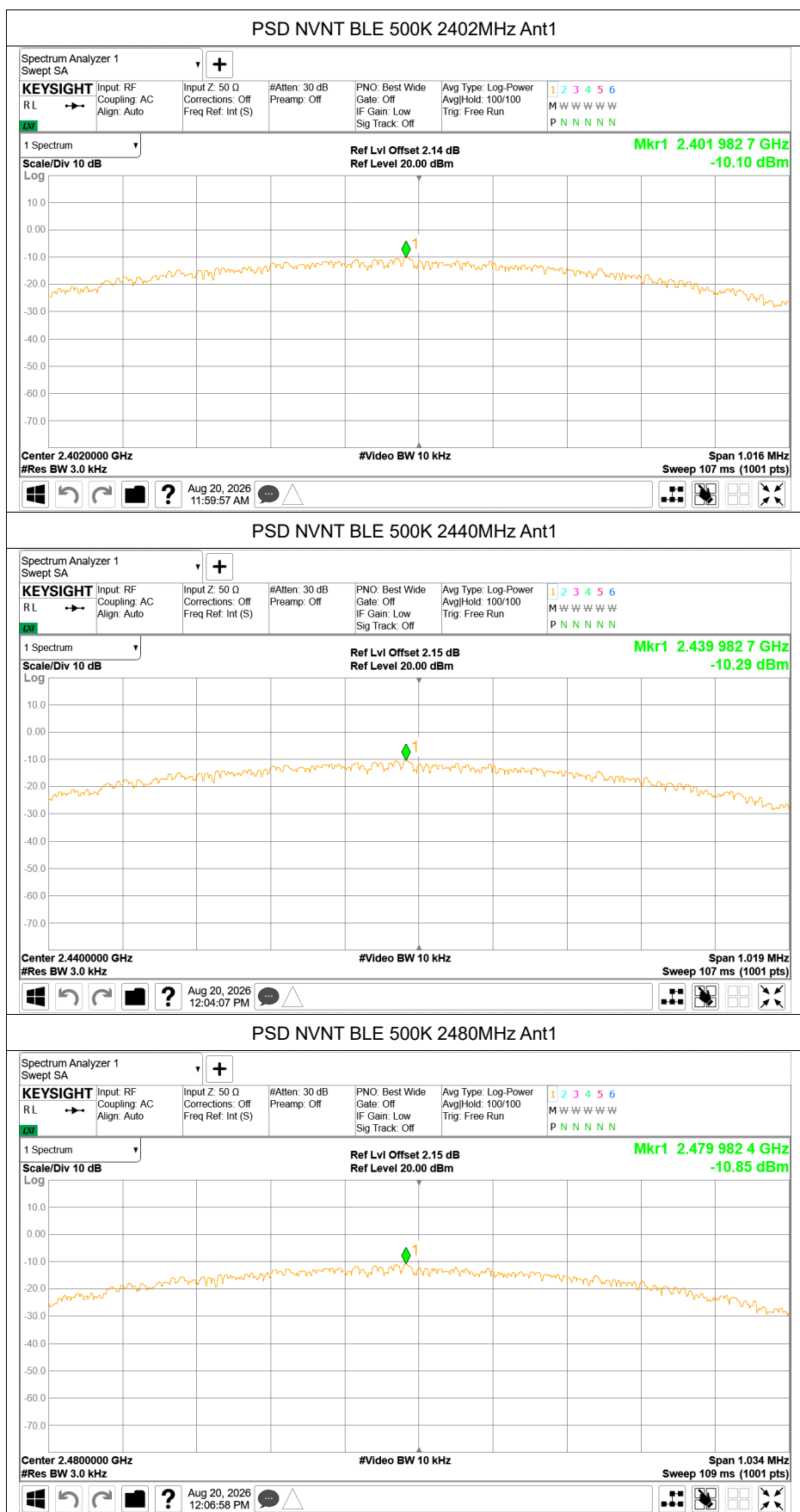
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Duty Factor (dB)	Total PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	BLE 125K	2402	Ant1	-10.01	0	-10.01	8	Pass
NVNT	BLE 125K	2440	Ant1	-10.36	0	-10.36	8	Pass
NVNT	BLE 125K	2480	Ant1	-10.89	0	-10.89	8	Pass
NVNT	BLE 1M	2402	Ant1	-10.04	0	-10.04	8	Pass
NVNT	BLE 1M	2440	Ant1	-10.45	0	-10.45	8	Pass
NVNT	BLE 1M	2480	Ant1	-10.96	0	-10.96	8	Pass
NVNT	BLE 2M	2402	Ant1	-14.38	0	-14.38	8	Pass
NVNT	BLE 2M	2440	Ant1	-14.89	0	-14.89	8	Pass
NVNT	BLE 2M	2480	Ant1	-15.16	0	-15.16	8	Pass
NVNT	BLE 500K	2402	Ant1	-10.1	0	-10.1	8	Pass
NVNT	BLE 500K	2440	Ant1	-10.29	0	-10.29	8	Pass
NVNT	BLE 500K	2480	Ant1	-10.85	0	-10.85	8	Pass











Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 125K	2402	Ant1	-60.76	-20	Pass
NVNT	BLE 125K	2480	Ant1	-59.62	-20	Pass
NVNT	BLE 1M	2402	Ant1	-61.13	-20	Pass
NVNT	BLE 1M	2480	Ant1	-59.16	-20	Pass
NVNT	BLE 2M	2402	Ant1	-59.73	-20	Pass
NVNT	BLE 2M	2480	Ant1	-57.66	-20	Pass
NVNT	BLE 500K	2402	Ant1	-60.13	-20	Pass
NVNT	BLE 500K	2480	Ant1	-59.56	-20	Pass

