



FCC - TEST REPORT

Appendix A for 709502306225-00A

1 Table of Contents

1 Table of Contents.....1

2 26dB Bandwidth2

3 99% Bandwidth8

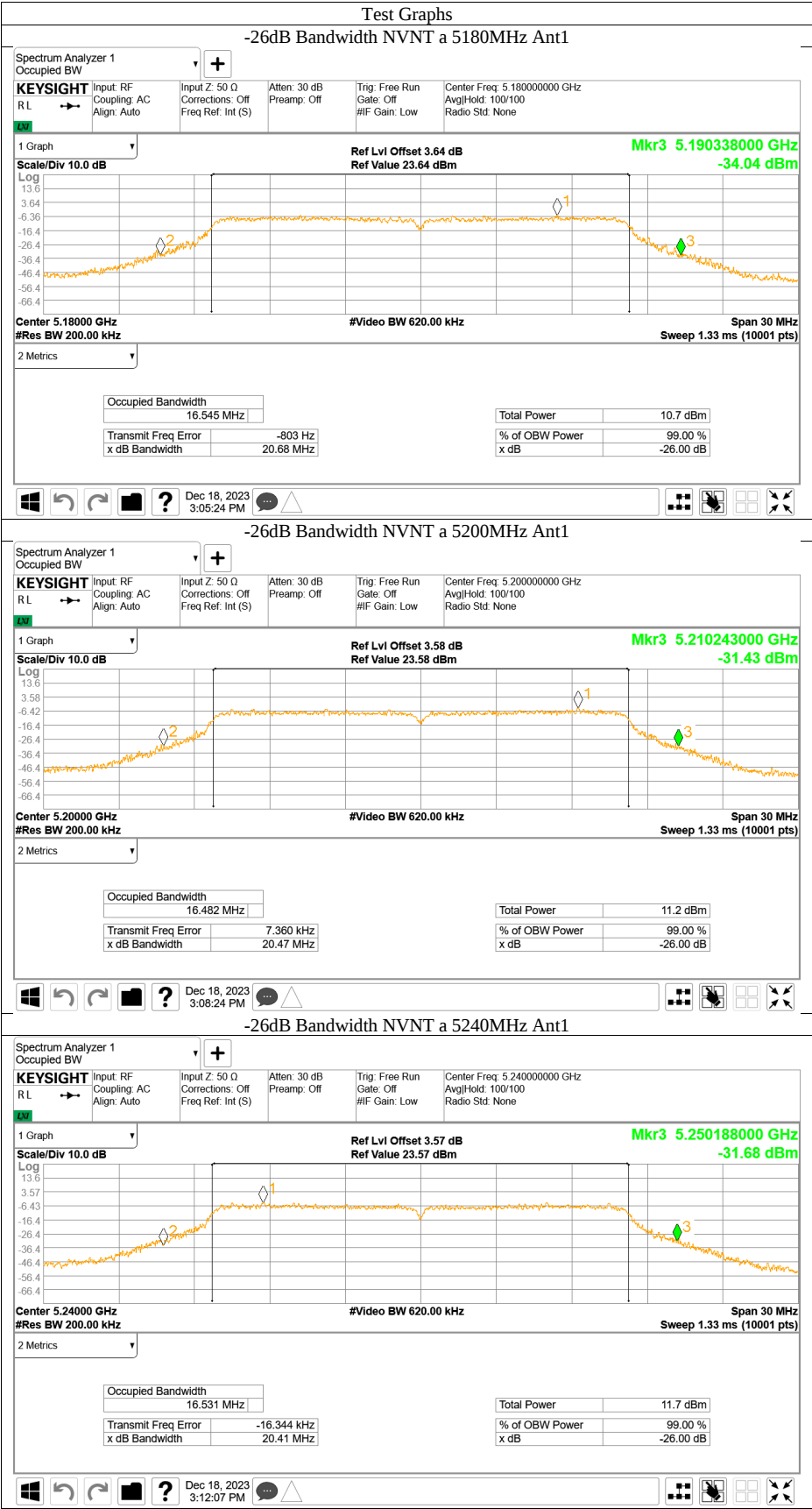
4 6dB Bandwidth20

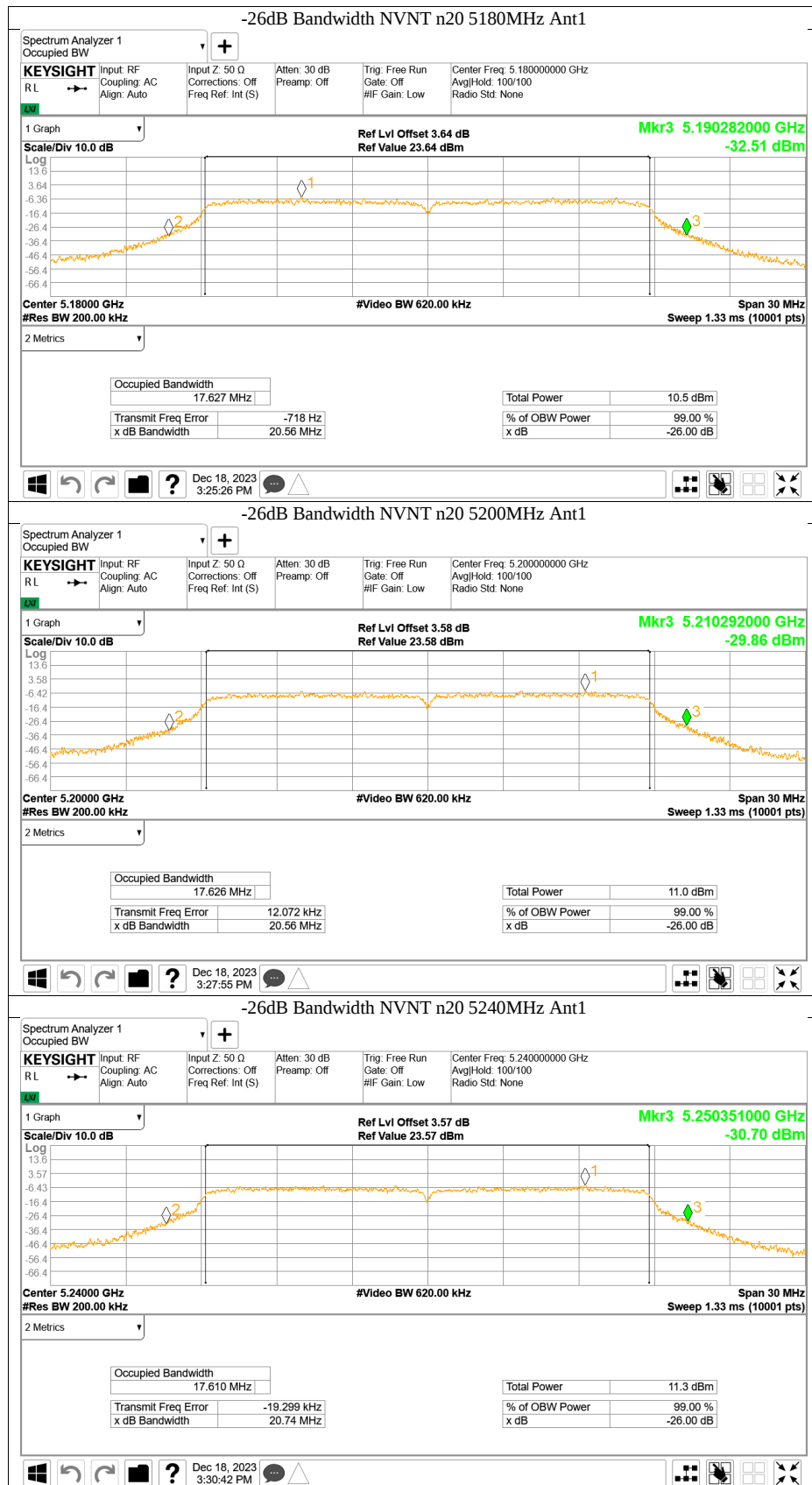
5 Maximum conducted output power26

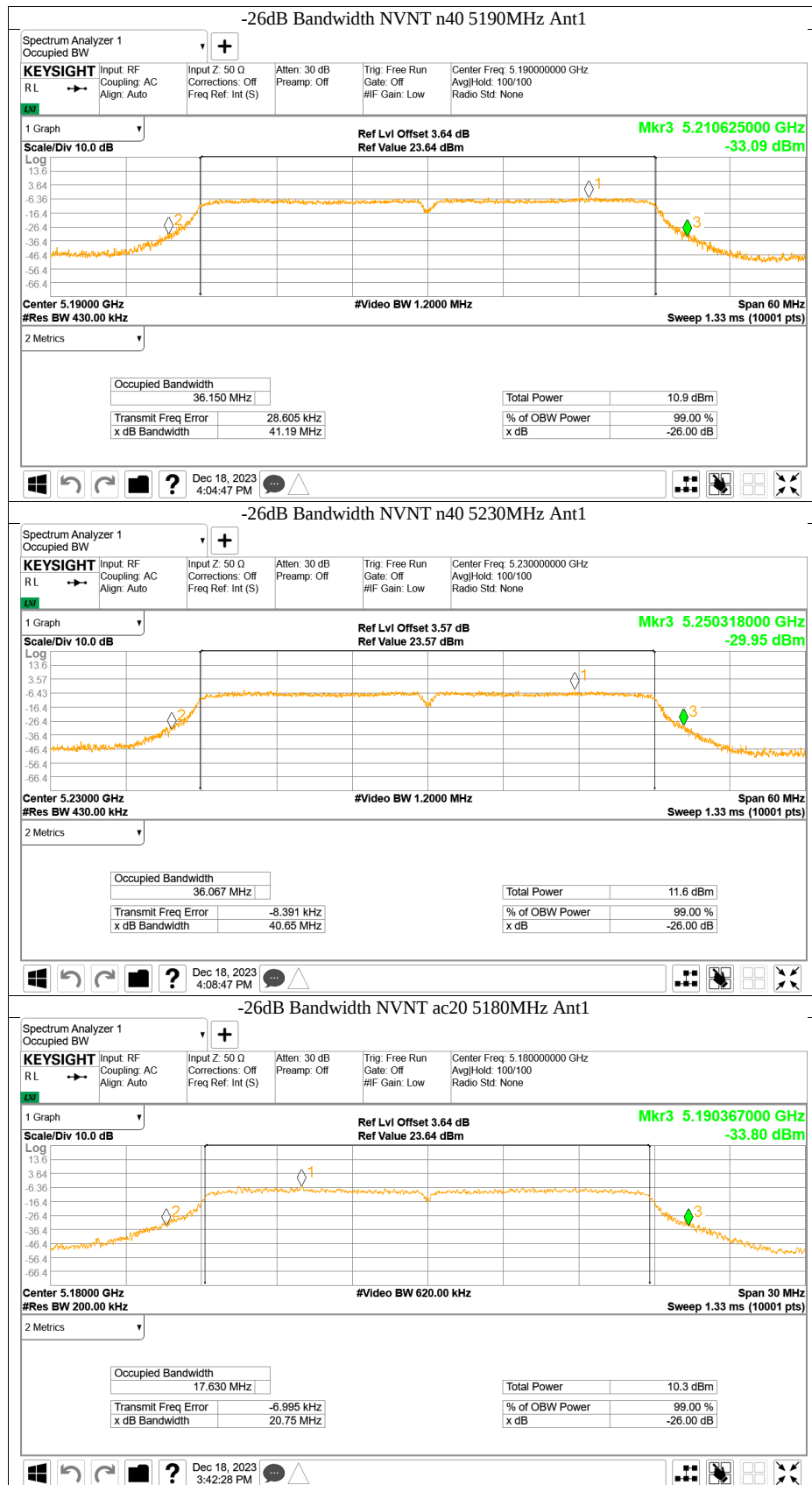
6 Maximum power spectral density49

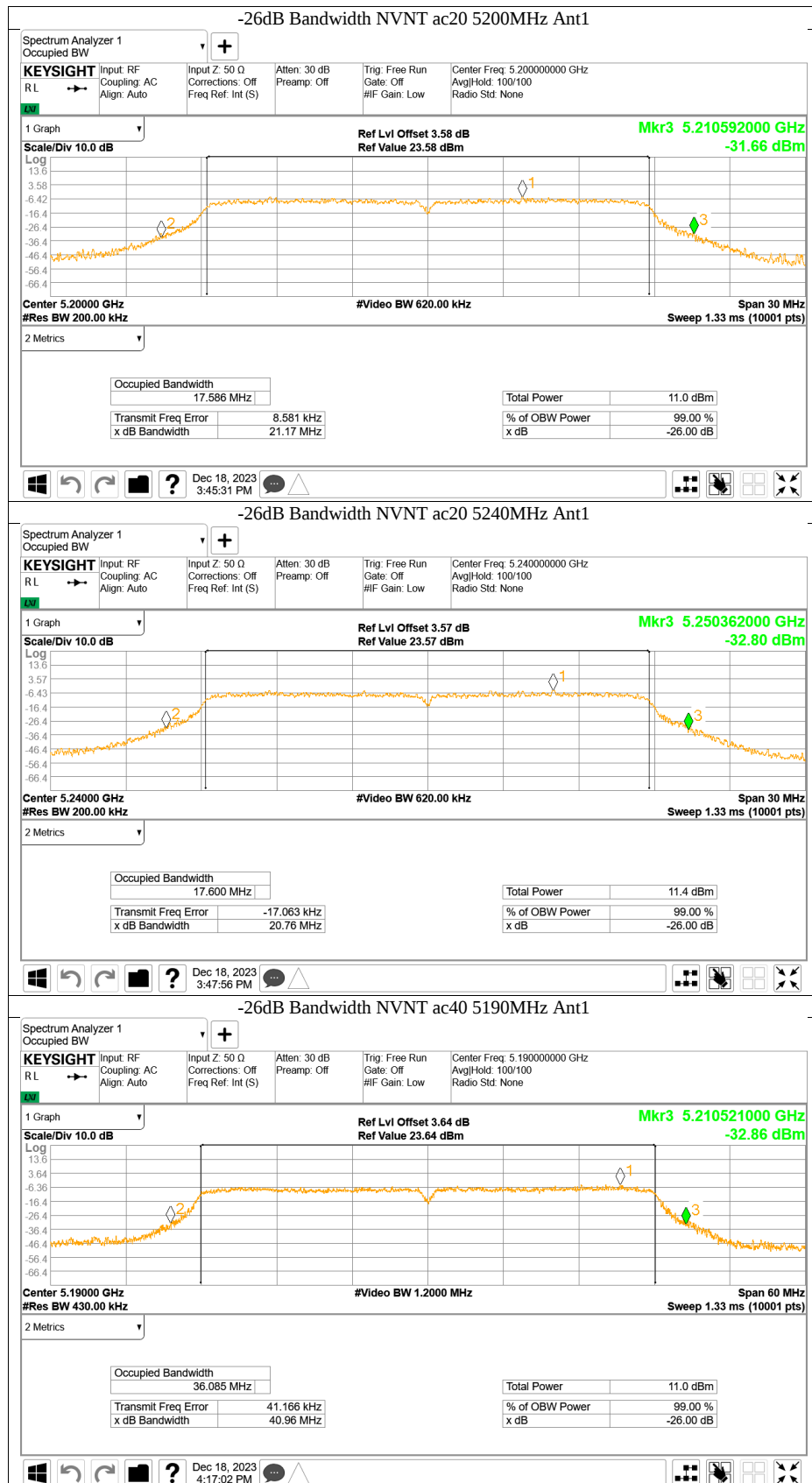
2 26dB Bandwidth

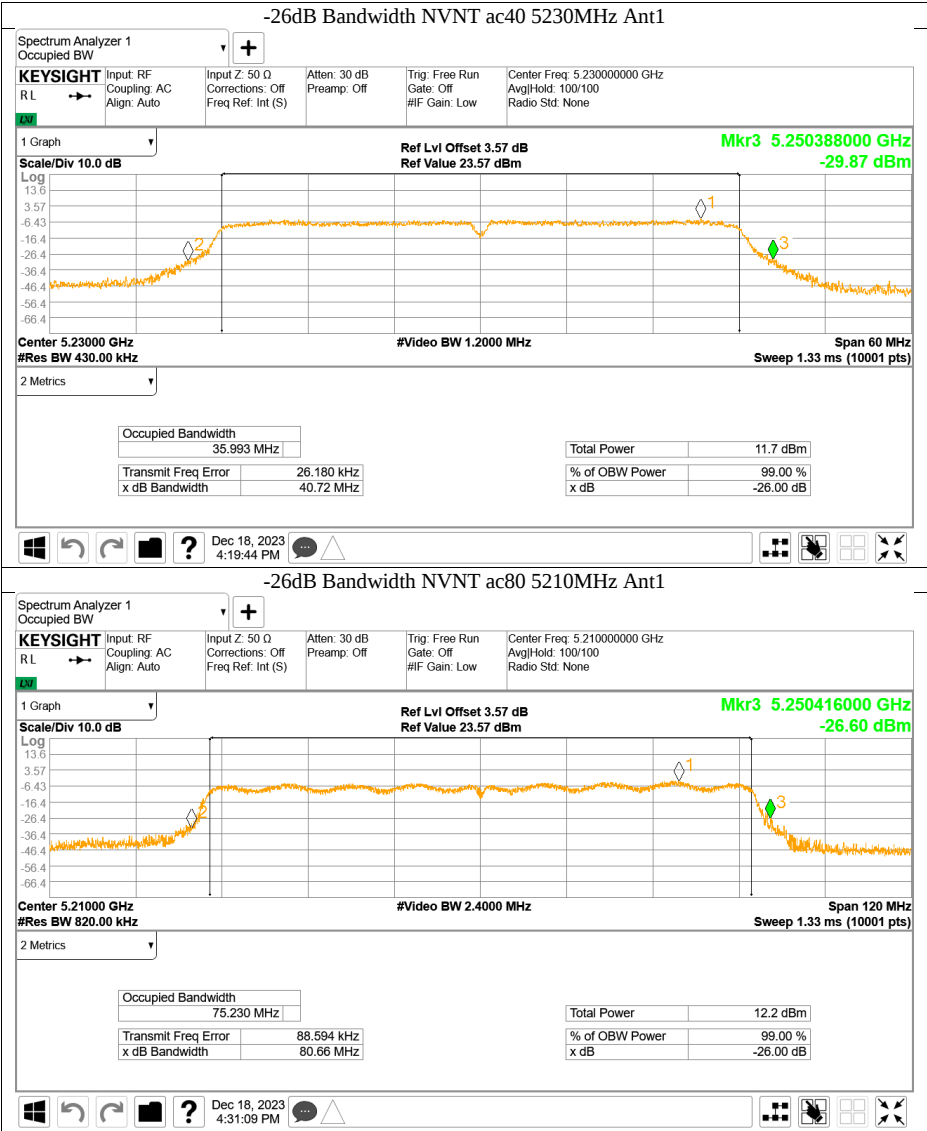
Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
a	5180	Ant1	20.677	Pass
a	5200	Ant1	20.471	Pass
a	5240	Ant1	20.409	Pass
n20	5180	Ant1	20.565	Pass
n20	5200	Ant1	20.561	Pass
n20	5240	Ant1	20.741	Pass
n40	5190	Ant1	41.192	Pass
n40	5230	Ant1	40.652	Pass
ac20	5180	Ant1	20.748	Pass
ac20	5200	Ant1	21.168	Pass
ac20	5240	Ant1	20.757	Pass
ac40	5190	Ant1	40.959	Pass
ac40	5230	Ant1	40.723	Pass
ac80	5210	Ant1	80.655	Pass







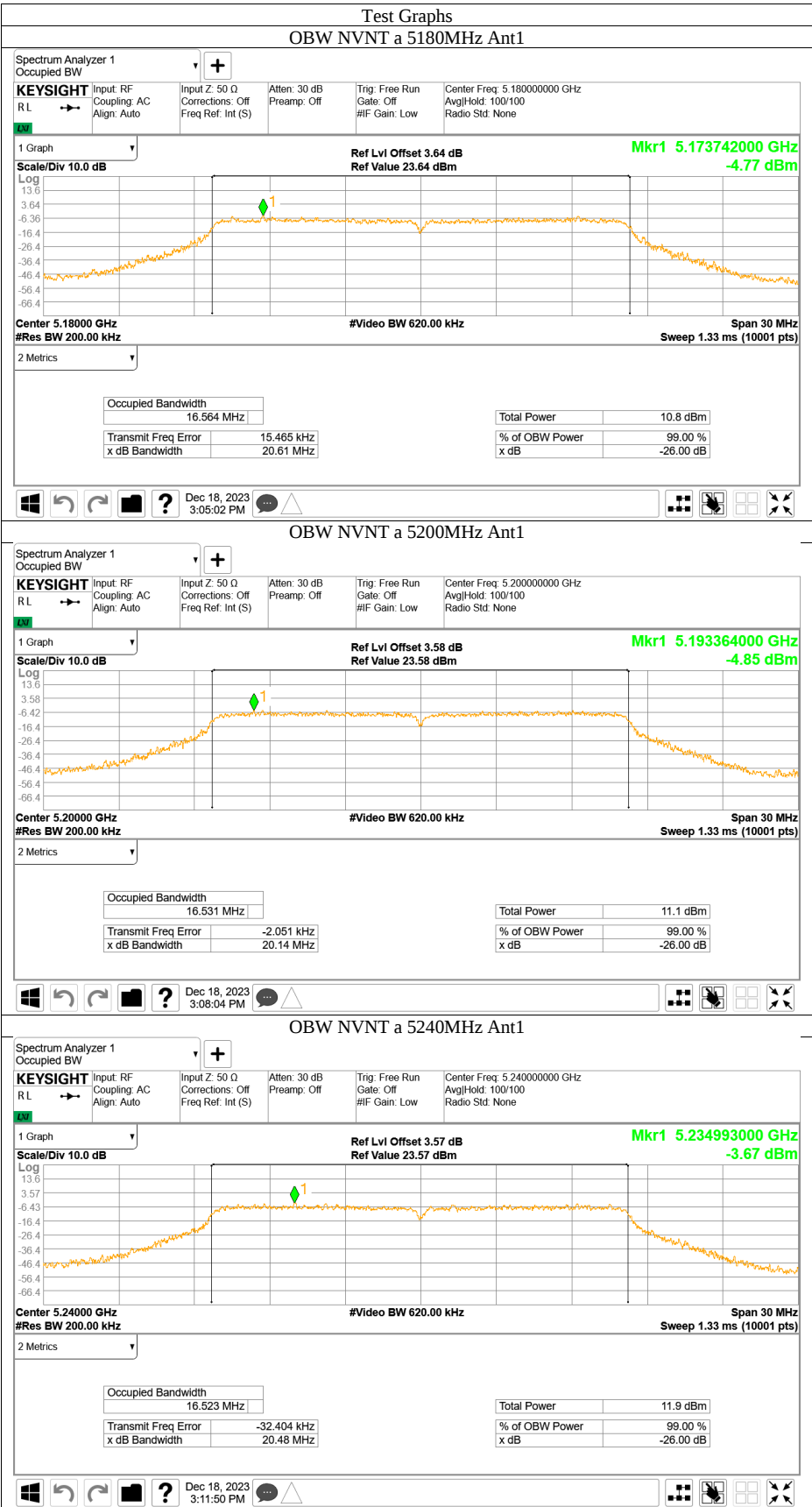




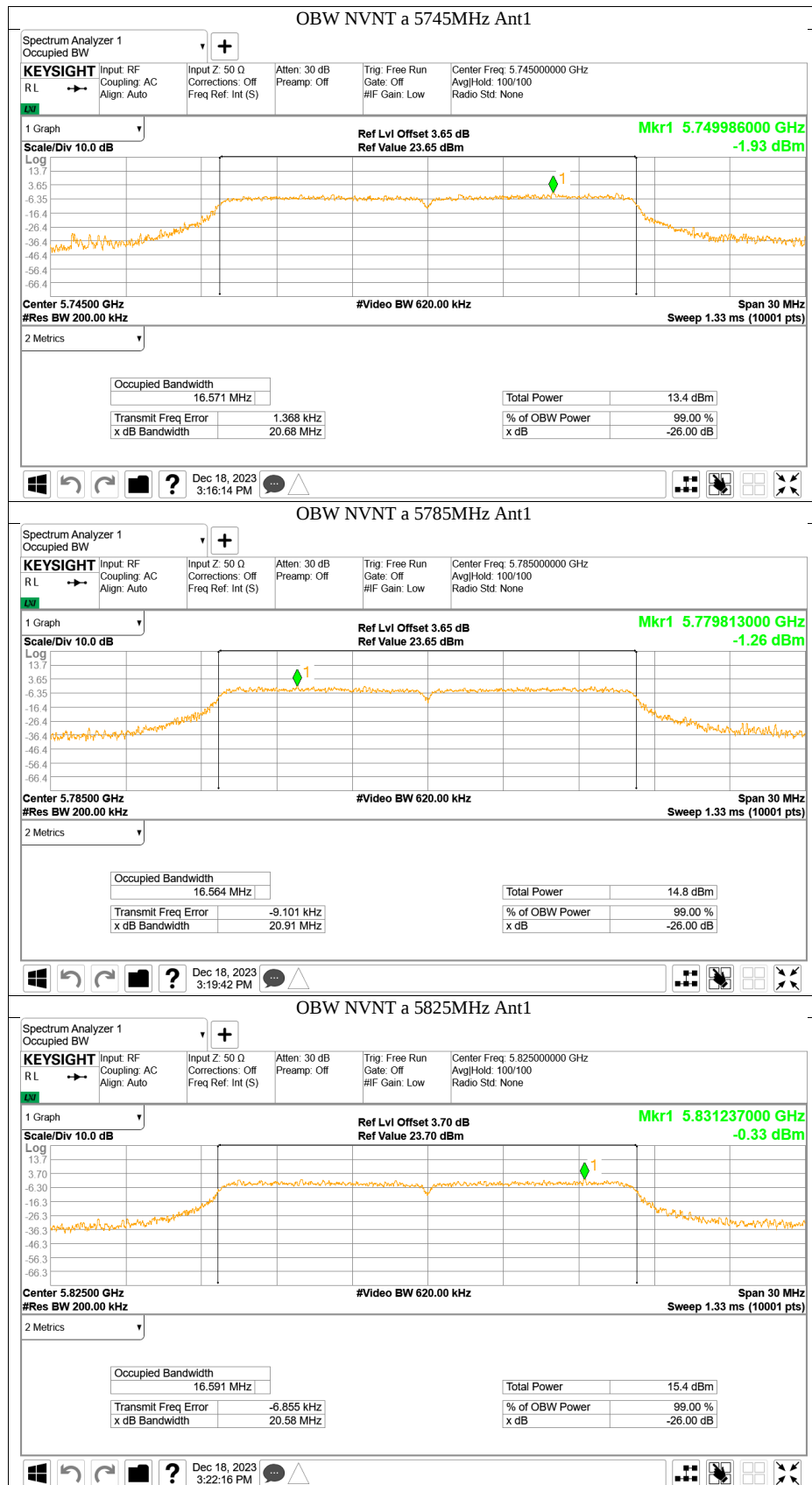


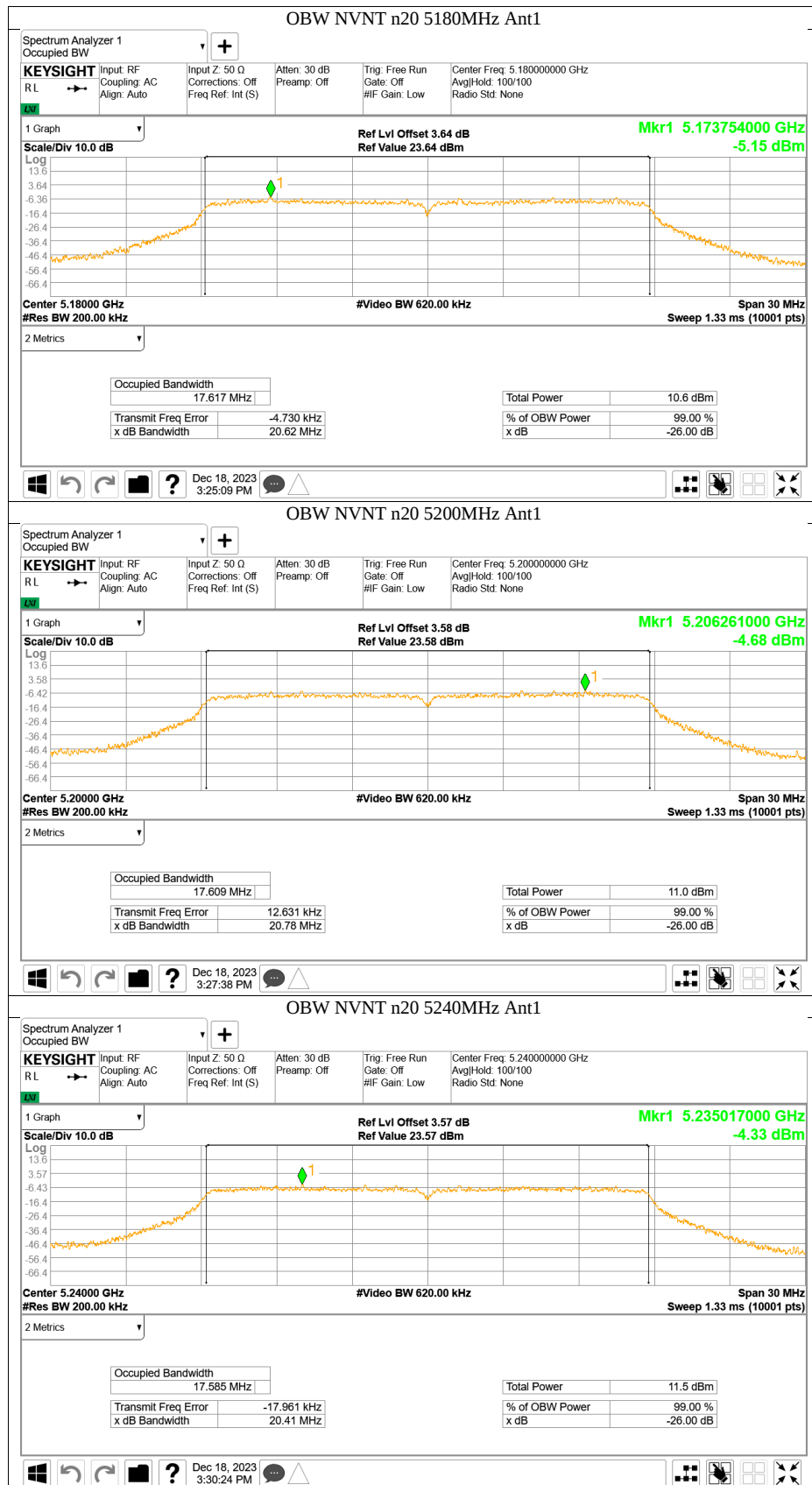
3 99% Bandwidth

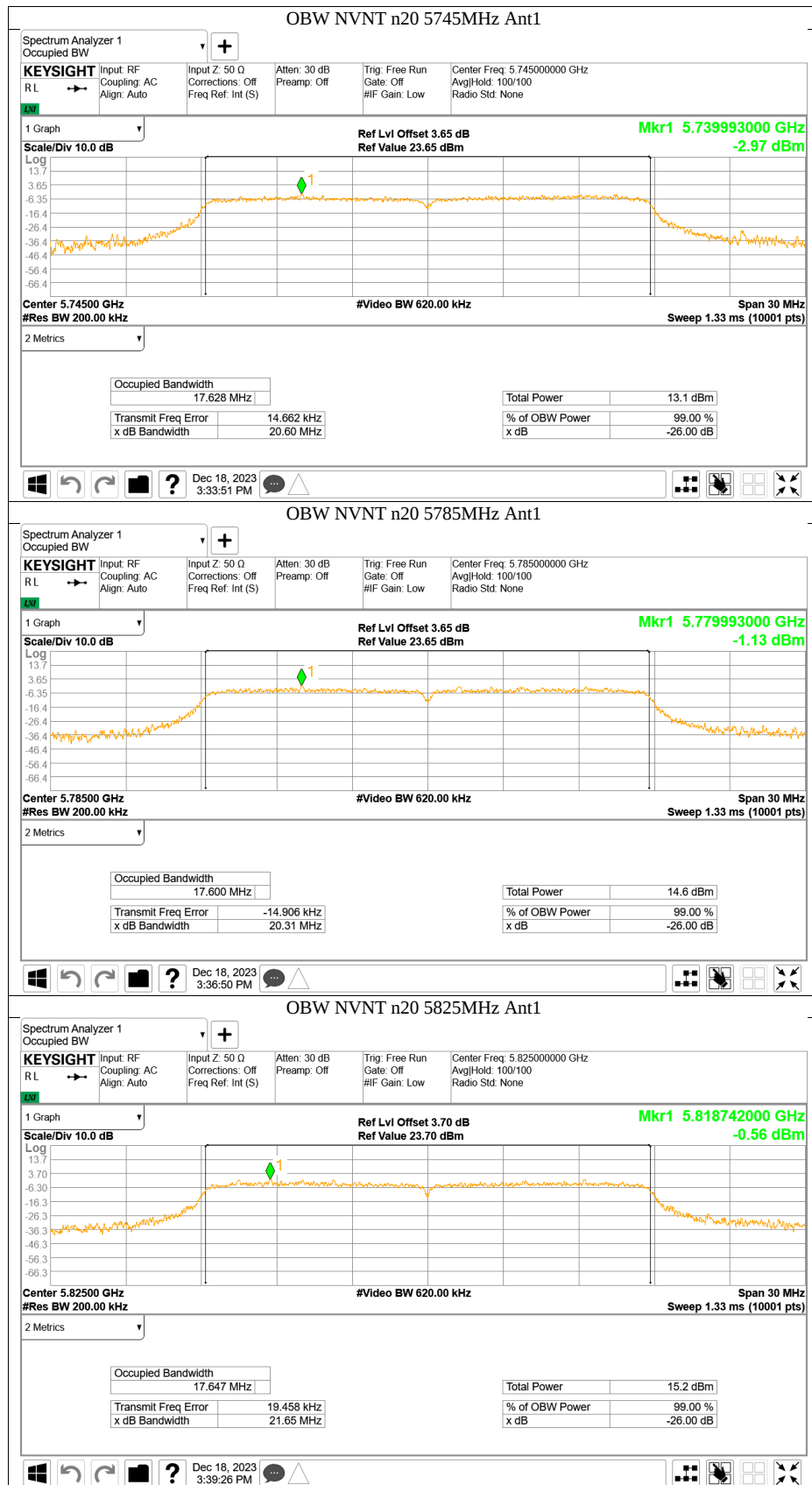
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.564
NVNT	a	5200	Ant1	16.531
NVNT	a	5240	Ant1	16.523
NVNT	a	5745	Ant1	16.571
NVNT	a	5785	Ant1	16.564
NVNT	a	5825	Ant1	16.591
NVNT	n20	5180	Ant1	17.617
NVNT	n20	5200	Ant1	17.609
NVNT	n20	5240	Ant1	17.585
NVNT	n20	5745	Ant1	17.628
NVNT	n20	5785	Ant1	17.6
NVNT	n20	5825	Ant1	17.647
NVNT	n40	5190	Ant1	36.125
NVNT	n40	5230	Ant1	36.047
NVNT	n40	5755	Ant1	36.11
NVNT	n40	5795	Ant1	36.226
NVNT	ac20	5180	Ant1	17.625
NVNT	ac20	5200	Ant1	17.643
NVNT	ac20	5240	Ant1	17.604
NVNT	ac20	5745	Ant1	17.624
NVNT	ac20	5785	Ant1	17.624
NVNT	ac20	5825	Ant1	17.649
NVNT	ac40	5190	Ant1	36.107
NVNT	ac40	5230	Ant1	35.974
NVNT	ac40	5755	Ant1	36.127
NVNT	ac40	5795	Ant1	36.135
NVNT	ac80	5210	Ant1	75.249
NVNT	ac80	5775	Ant1	75.272

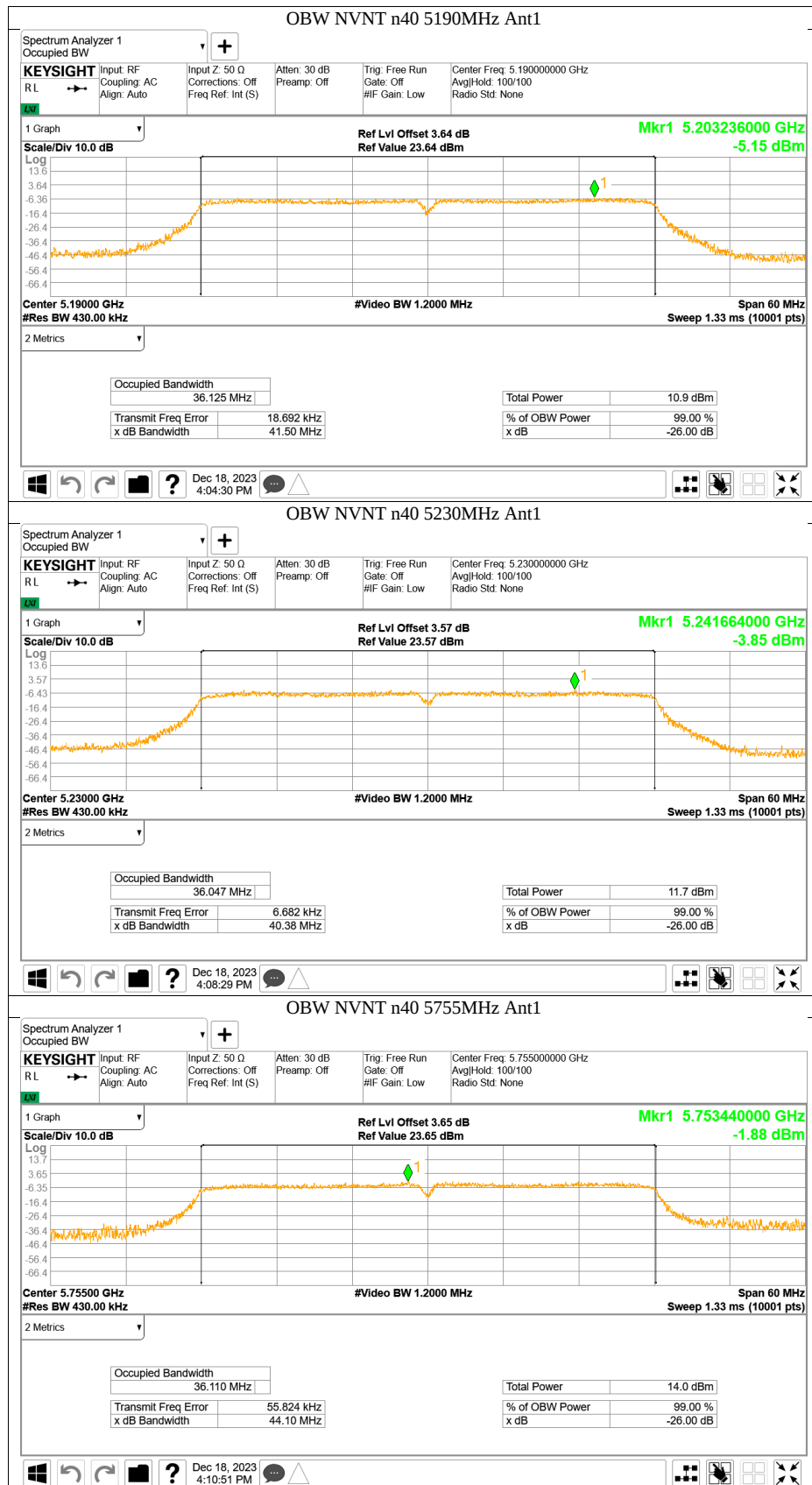


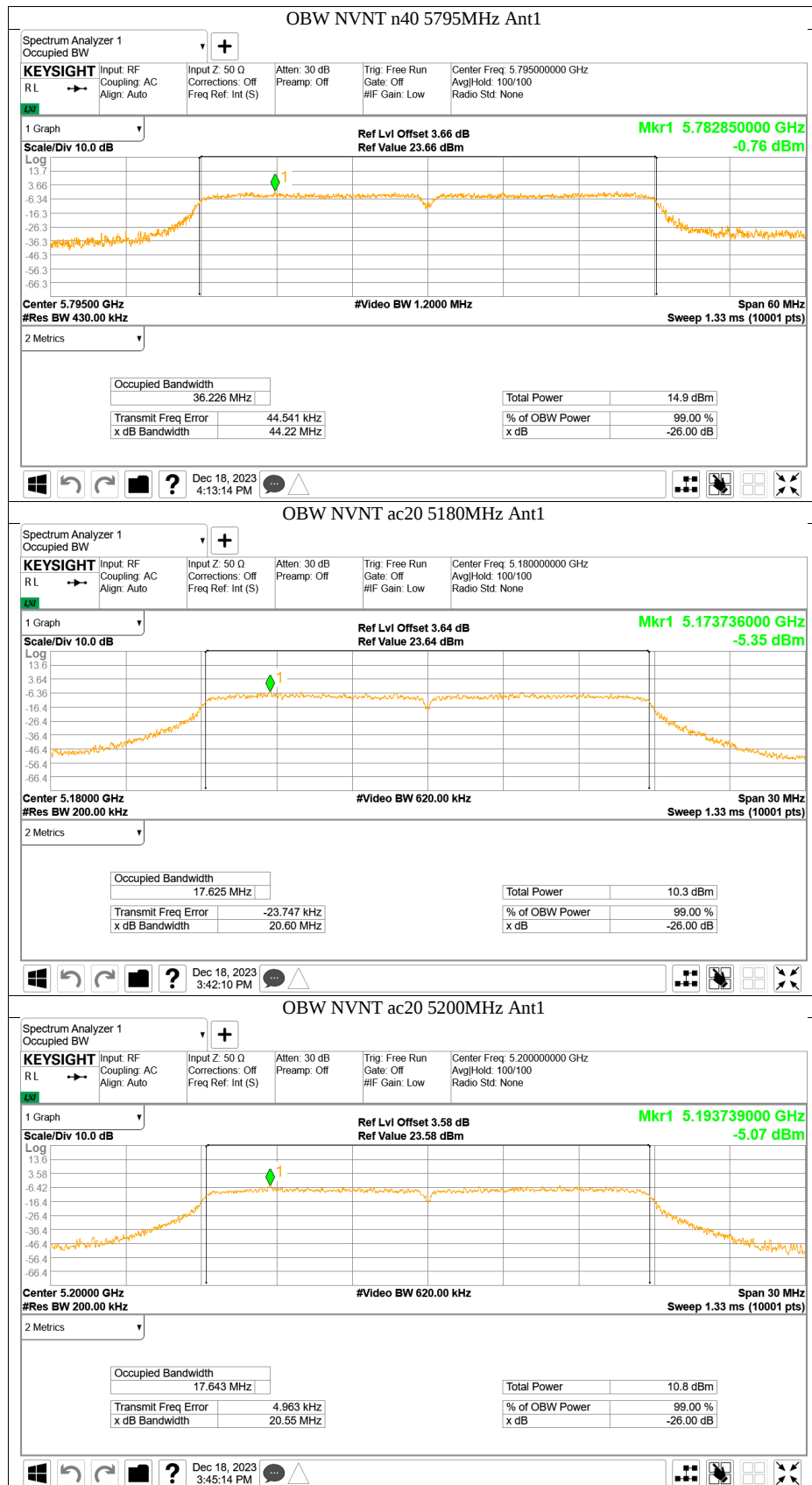


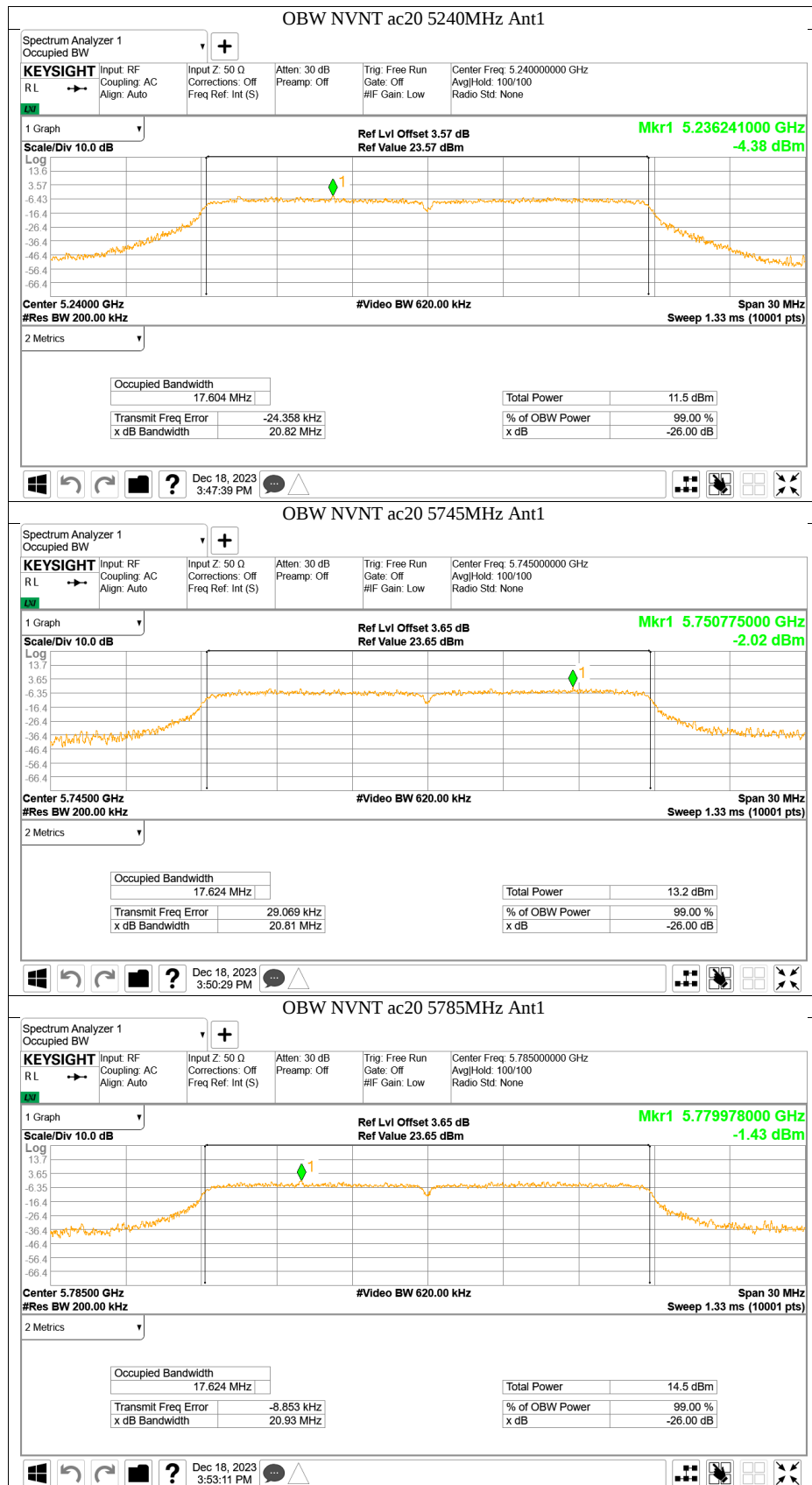


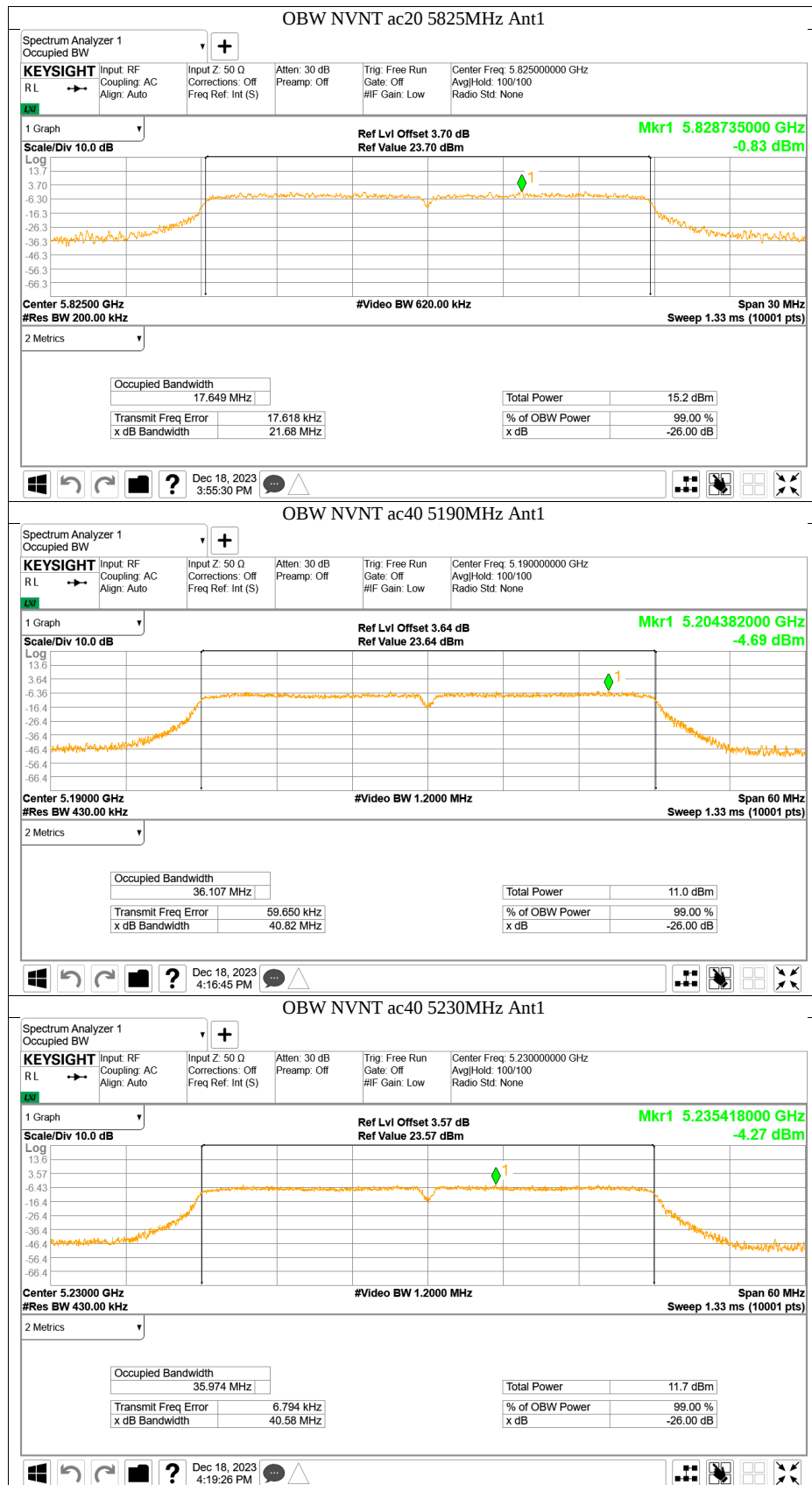


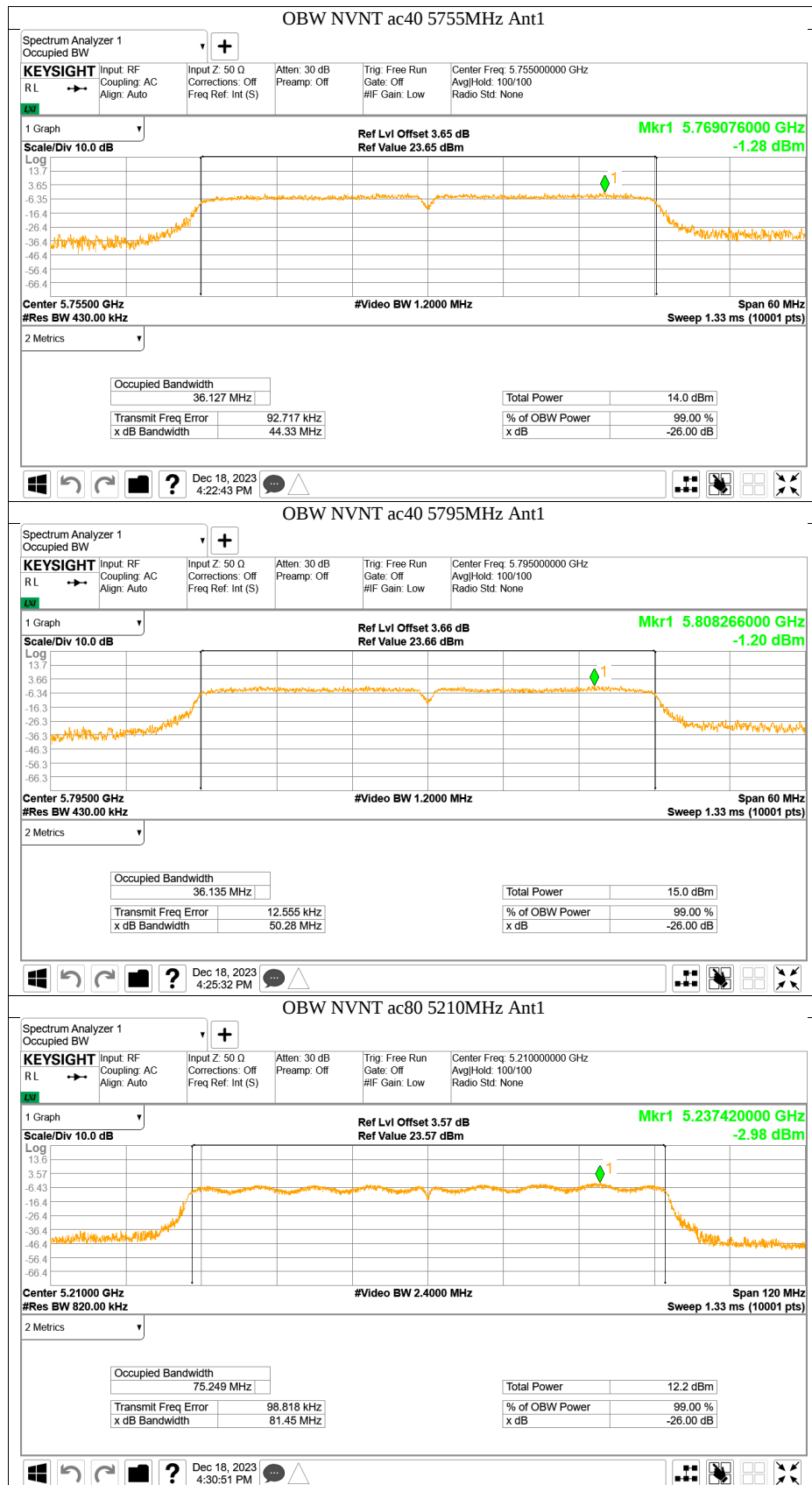


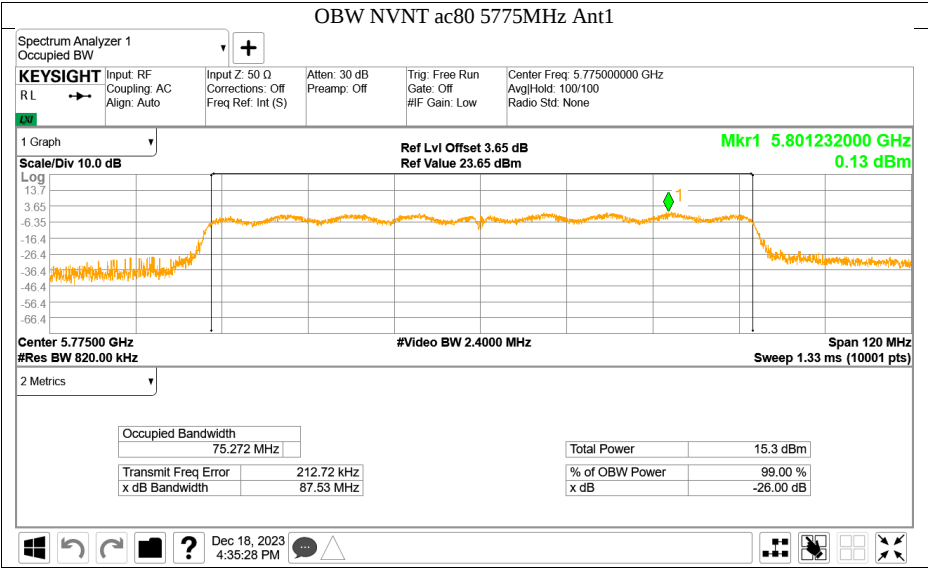








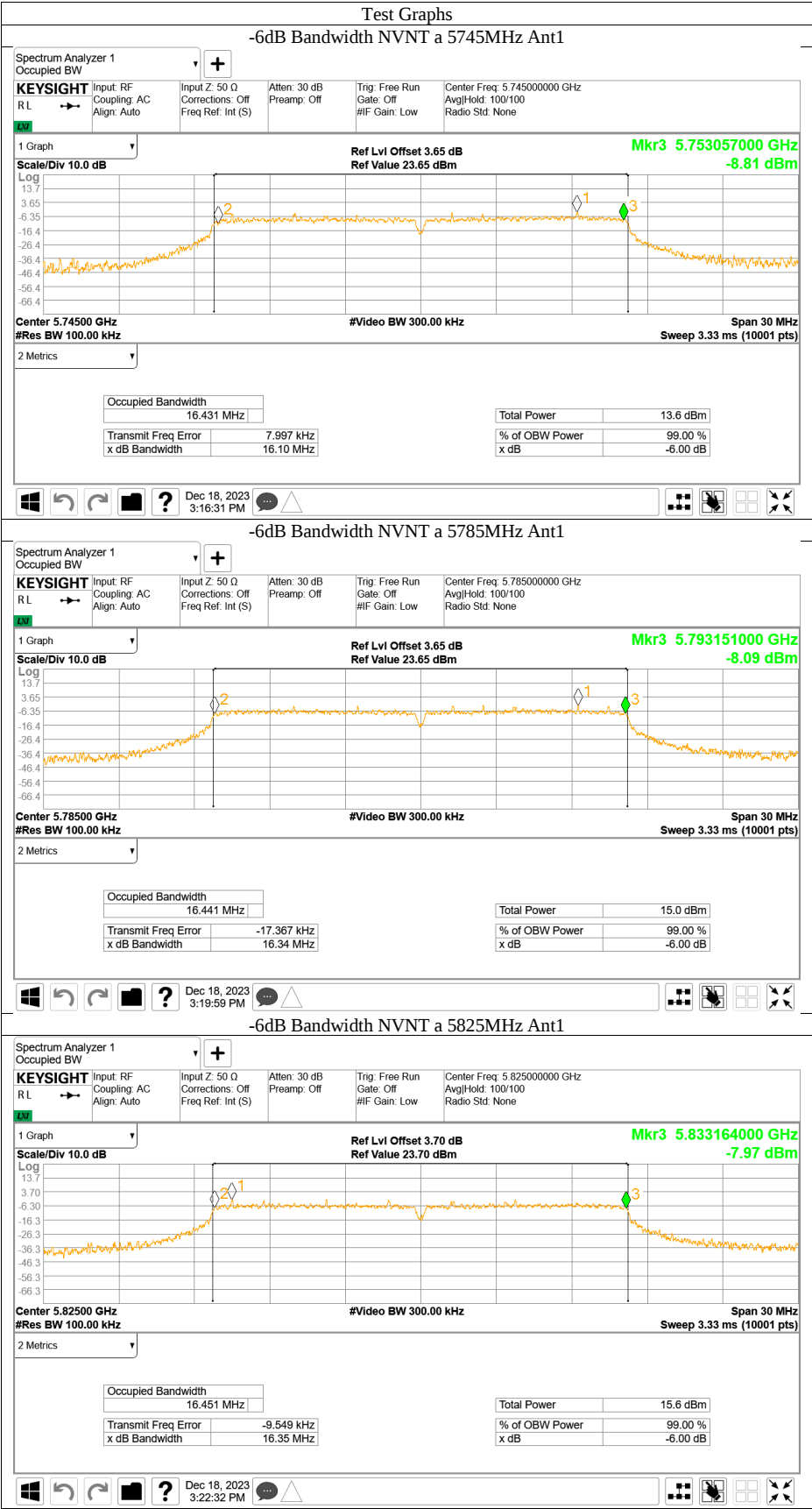


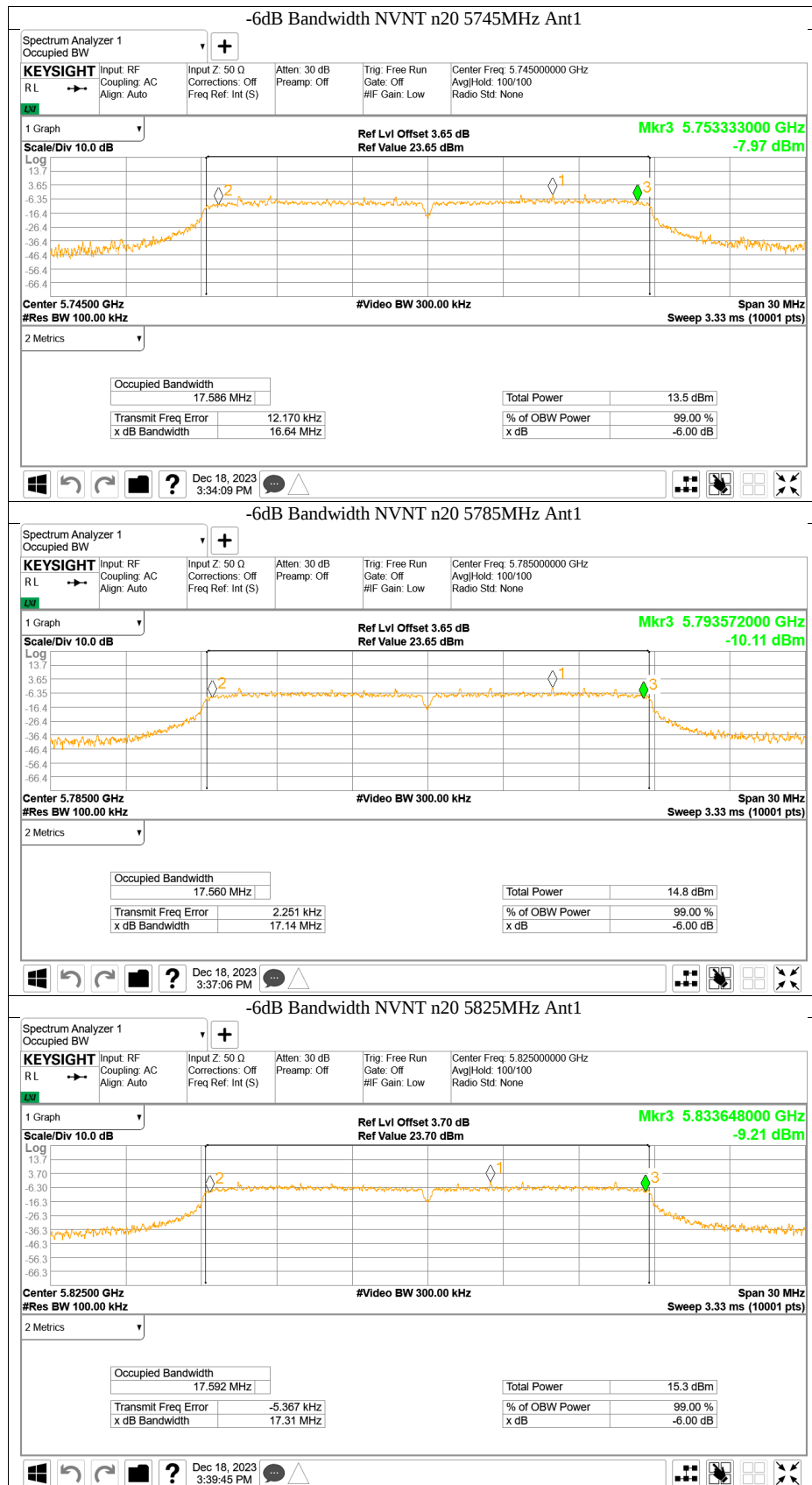


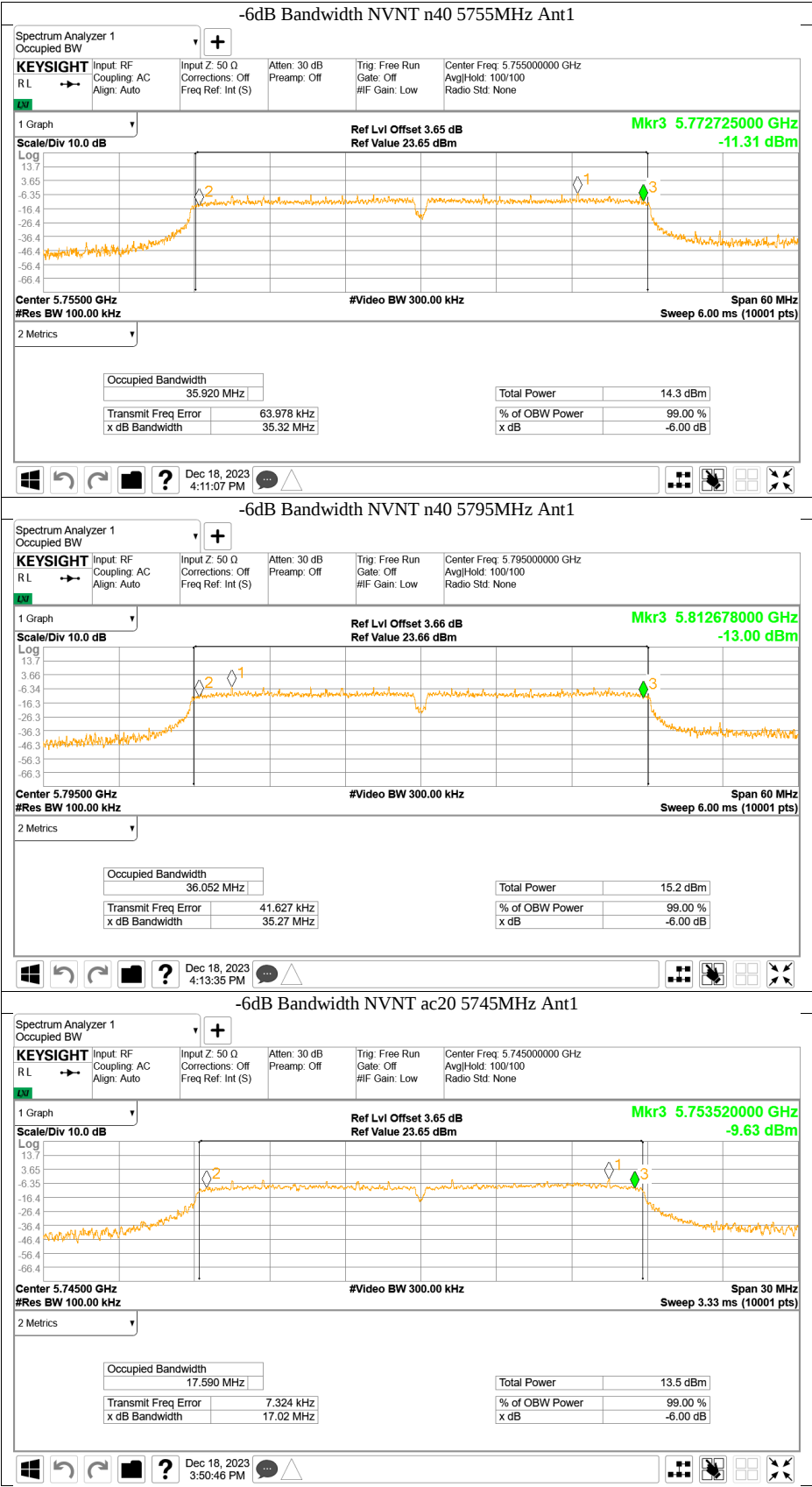


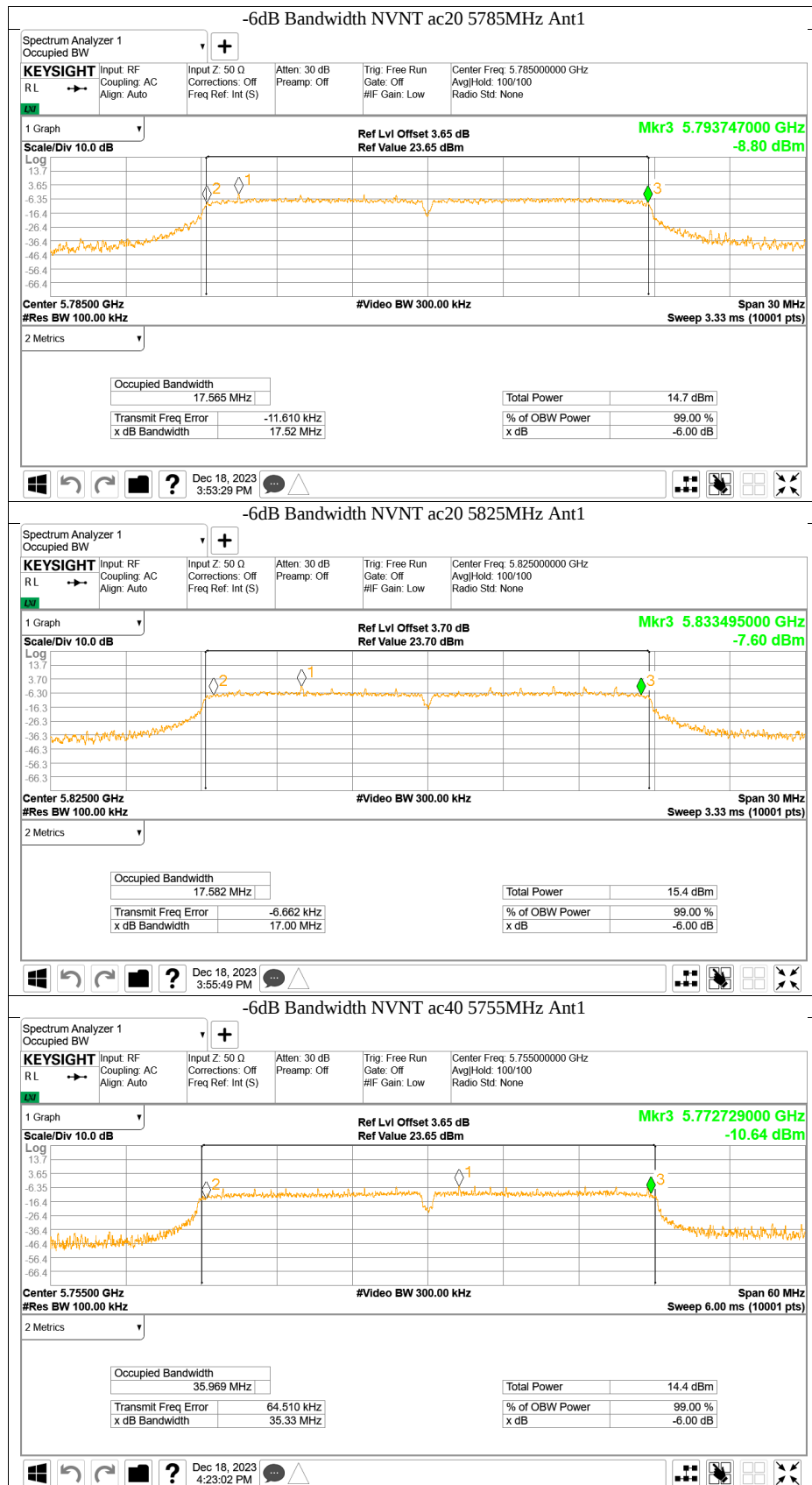
4 6dB Bandwidth

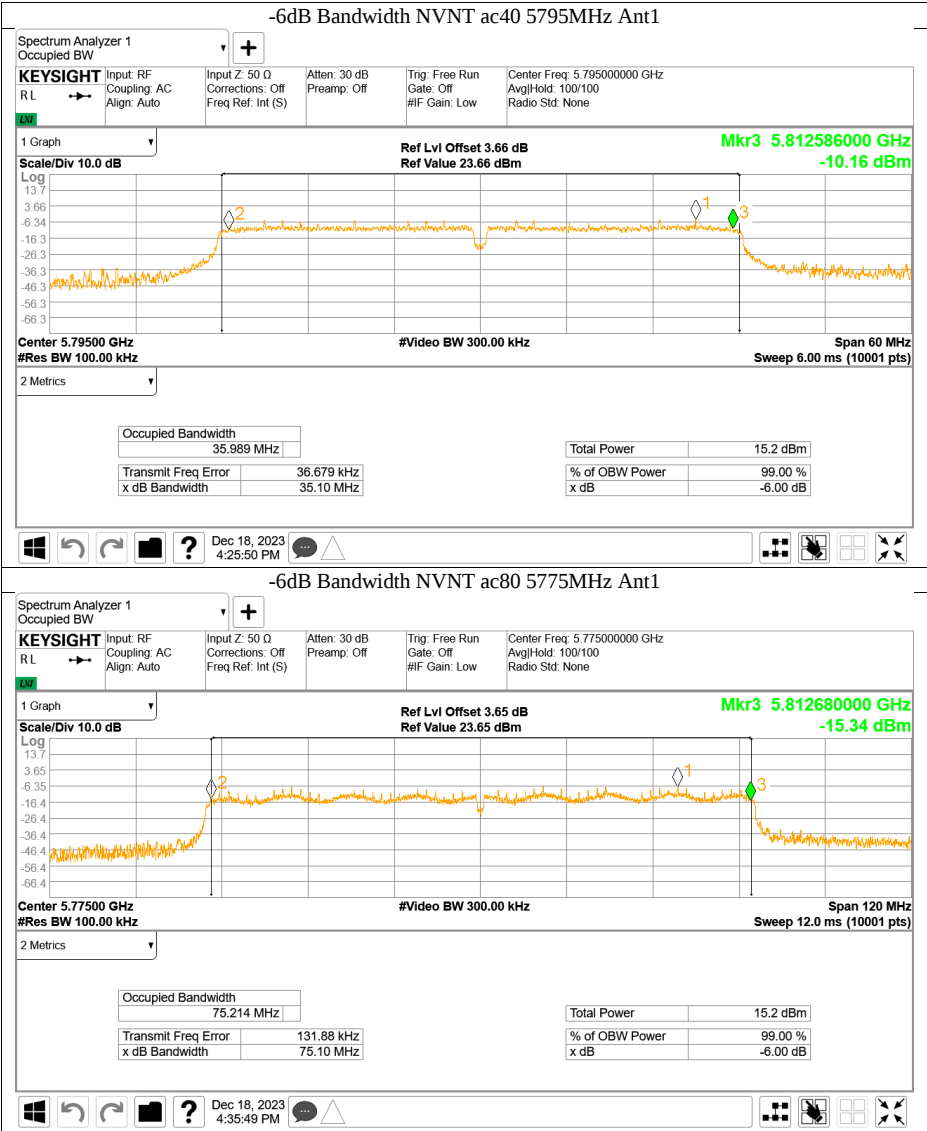
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	16.098	0.5	Pass
NVNT	a	5785	Ant1	16.338	0.5	Pass
NVNT	a	5825	Ant1	16.347	0.5	Pass
NVNT	n20	5745	Ant1	16.642	0.5	Pass
NVNT	n20	5785	Ant1	17.14	0.5	Pass
NVNT	n20	5825	Ant1	17.308	0.5	Pass
NVNT	n40	5755	Ant1	35.321	0.5	Pass
NVNT	n40	5795	Ant1	35.272	0.5	Pass
NVNT	ac20	5745	Ant1	17.025	0.5	Pass
NVNT	ac20	5785	Ant1	17.517	0.5	Pass
NVNT	ac20	5825	Ant1	17.003	0.5	Pass
NVNT	ac40	5755	Ant1	35.33	0.5	Pass
NVNT	ac40	5795	Ant1	35.098	0.5	Pass
NVNT	ac80	5775	Ant1	75.097	0.5	Pass











5 Maximum conducted output power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	5.14	0.31	5.45	24	Pass
NVNT	a	5200	Ant1	5.39	0.26	5.65	24	Pass
NVNT	a	5240	Ant1	6	0.33	6.33	24	Pass
NVNT	a	5745	Ant1	7.74	0.17	7.91	30	Pass
NVNT	a	5785	Ant1	8.97	0.28	9.25	30	Pass
NVNT	a	5825	Ant1	9.64	0.35	9.99	30	Pass
NVNT	n20	5180	Ant1	4.59	0.22	4.81	24	Pass
NVNT	n20	5200	Ant1	5.16	0.12	5.28	24	Pass
NVNT	n20	5240	Ant1	5.65	0.3	5.95	24	Pass
NVNT	n20	5745	Ant1	7.45	0.2	7.65	30	Pass
NVNT	n20	5785	Ant1	8.65	0.12	8.77	30	Pass
NVNT	n20	5825	Ant1	9.33	0.26	9.59	30	Pass
NVNT	n40	5190	Ant1	5.03	0.36	5.39	24	Pass
NVNT	n40	5230	Ant1	5.61	0.24	5.85	24	Pass
NVNT	n40	5755	Ant1	7.95	0.32	8.27	30	Pass
NVNT	n40	5795	Ant1	8.92	0.36	9.28	30	Pass
NVNT	ac20	5180	Ant1	4.45	0.1	4.55	24	Pass
NVNT	ac20	5200	Ant1	5.12	0.22	5.34	24	Pass
NVNT	ac20	5240	Ant1	5.59	0.14	5.73	24	Pass
NVNT	ac20	5745	Ant1	7.46	0.24	7.7	30	Pass
NVNT	ac20	5785	Ant1	8.72	0.16	8.88	30	Pass
NVNT	ac20	5825	Ant1	9.33	0.16	9.49	30	Pass
NVNT	ac40	5190	Ant1	4.93	0.43	5.36	24	Pass
NVNT	ac40	5230	Ant1	5.75	0.16	5.91	24	Pass
NVNT	ac40	5755	Ant1	7.96	0.31	8.27	30	Pass
NVNT	ac40	5795	Ant1	8.77	0.24	9.01	30	Pass
NVNT	ac80	5210	Ant1	5.13	0.91	6.04	24	Pass
NVNT	ac80	5775	Ant1	8.24	0.4	8.64	30	Pass

Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant1	93.06	0.31	0.48
NVNT	a	5200	Ant1	94.21	0.26	0.48
NVNT	a	5240	Ant1	92.73	0.33	0.48
NVNT	a	5745	Ant1	96.13	0.17	0.48
NVNT	a	5785	Ant1	93.82	0.28	0.48
NVNT	a	5825	Ant1	92.31	0.35	0.48
NVNT	n20	5180	Ant1	95.05	0.22	0.52
NVNT	n20	5200	Ant1	97.22	0.12	0.52
NVNT	n20	5240	Ant1	93.39	0.3	0.52
NVNT	n20	5745	Ant1	95.48	0.2	0.52
NVNT	n20	5785	Ant1	97.22	0.12	0.52
NVNT	n20	5825	Ant1	94.21	0.26	0.52
NVNT	n40	5190	Ant1	92.11	0.36	1.06
NVNT	n40	5230	Ant1	94.6	0.24	1.06
NVNT	n40	5755	Ant1	92.93	0.32	1.06
NVNT	n40	5795	Ant1	92.11	0.36	1.06
NVNT	ac20	5180	Ant1	97.68	0.1	0.52
NVNT	ac20	5200	Ant1	95.08	0.22	0.52
NVNT	ac20	5240	Ant1	96.85	0.14	0.52
NVNT	ac20	5745	Ant1	94.66	0.24	0.52
NVNT	ac20	5785	Ant1	96.36	0.16	0.52
NVNT	ac20	5825	Ant1	96.36	0.16	0.52
NVNT	ac40	5190	Ant1	90.6	0.43	1.05
NVNT	ac40	5230	Ant1	96.36	0.16	1.05
NVNT	ac40	5755	Ant1	93.08	0.31	1.05
NVNT	ac40	5795	Ant1	94.64	0.24	1.05
NVNT	ac80	5210	Ant1	81.05	0.91	2.16
NVNT	ac80	5775	Ant1	91.12	0.4	2.16

