

Appendix: 5G WIFI

Contents

Contents2

Duty Cycle3

Maximum Conducted Output Power33

-26dB Bandwidth87

Occupied Channel Bandwidth 102

Maximum Power Spectral Density Level 132

Band Edge 186

Frequency Stability 210

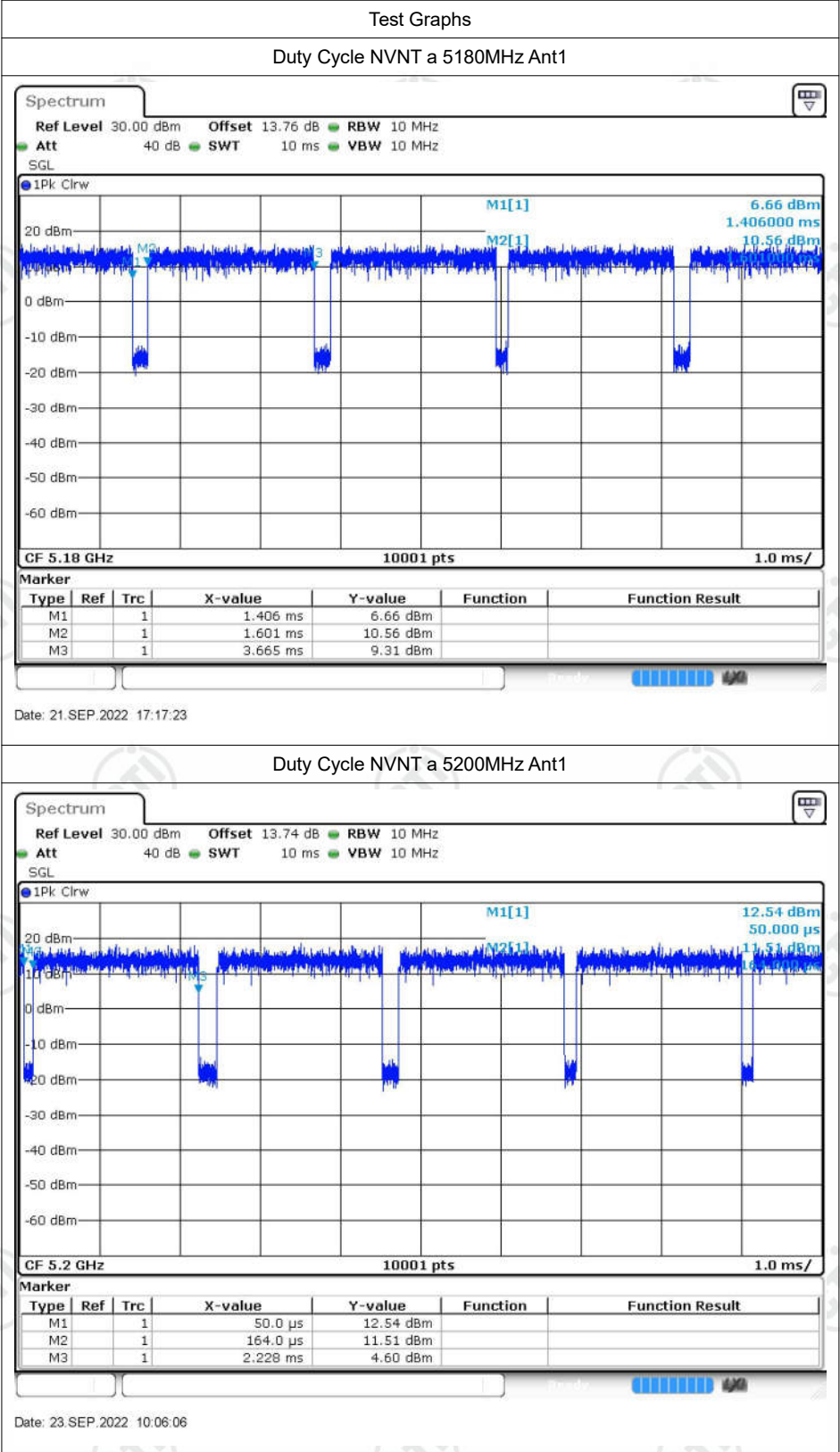
Conducted RF Spurious Emission442

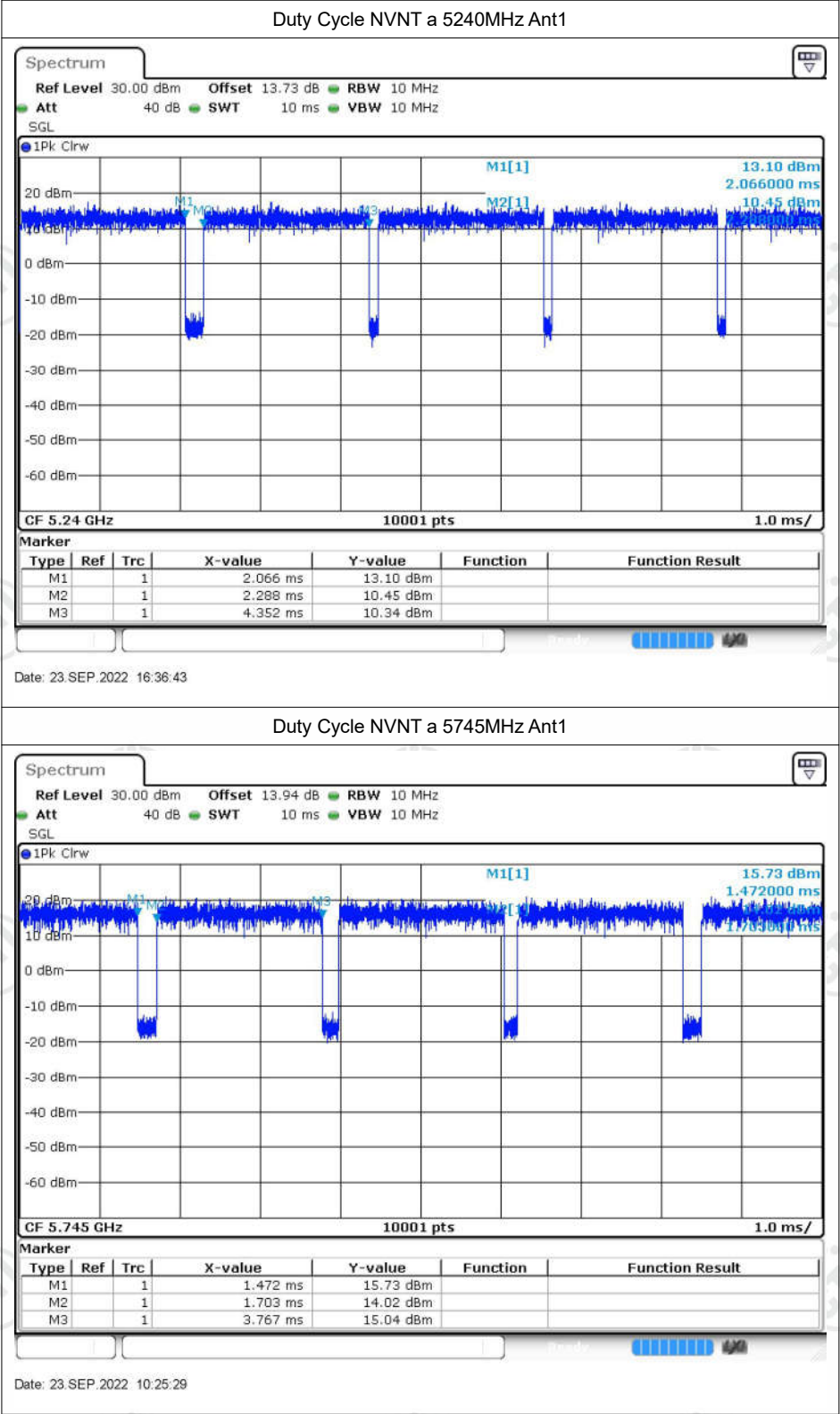
-6dB Bandwidth472

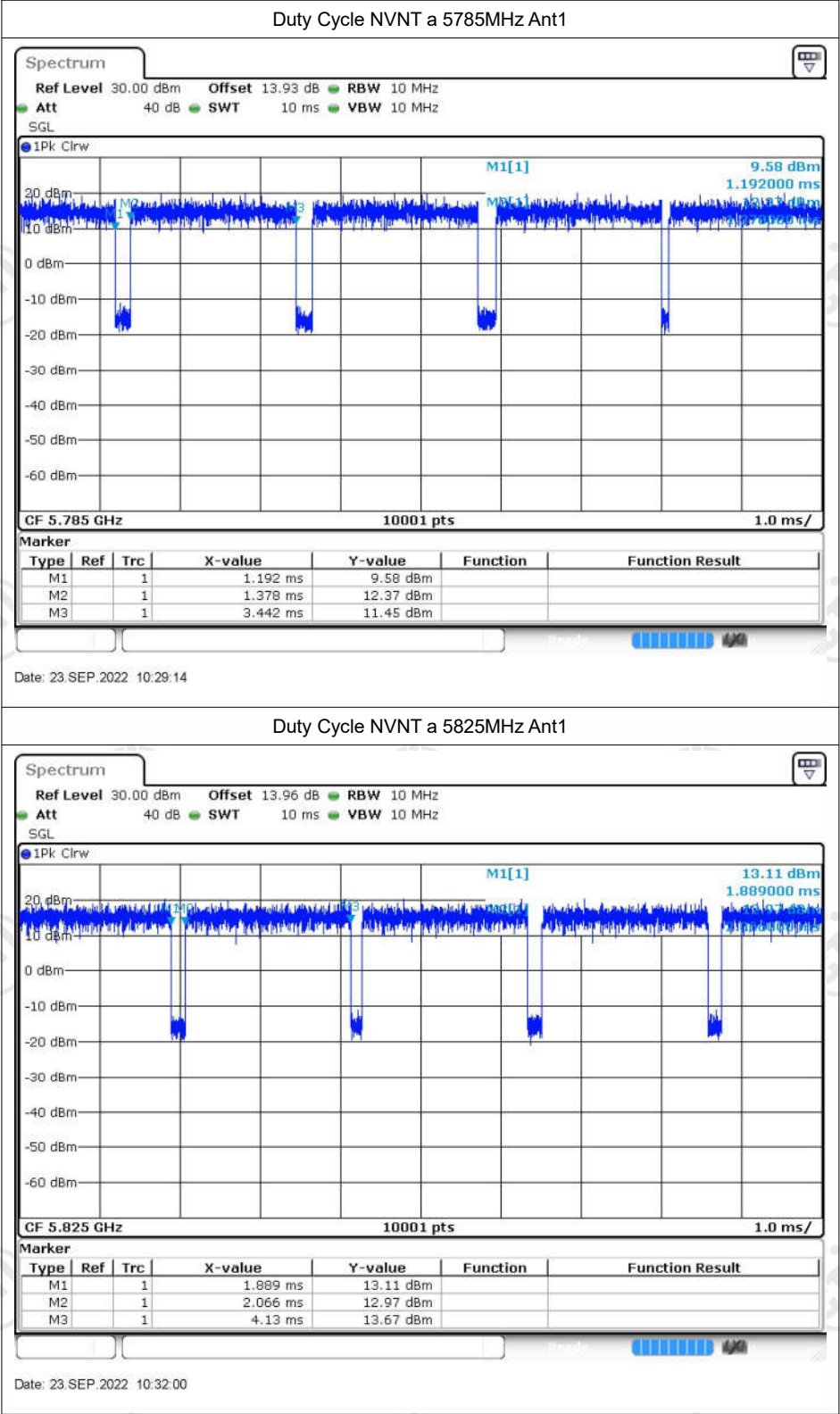
Duty Cycle

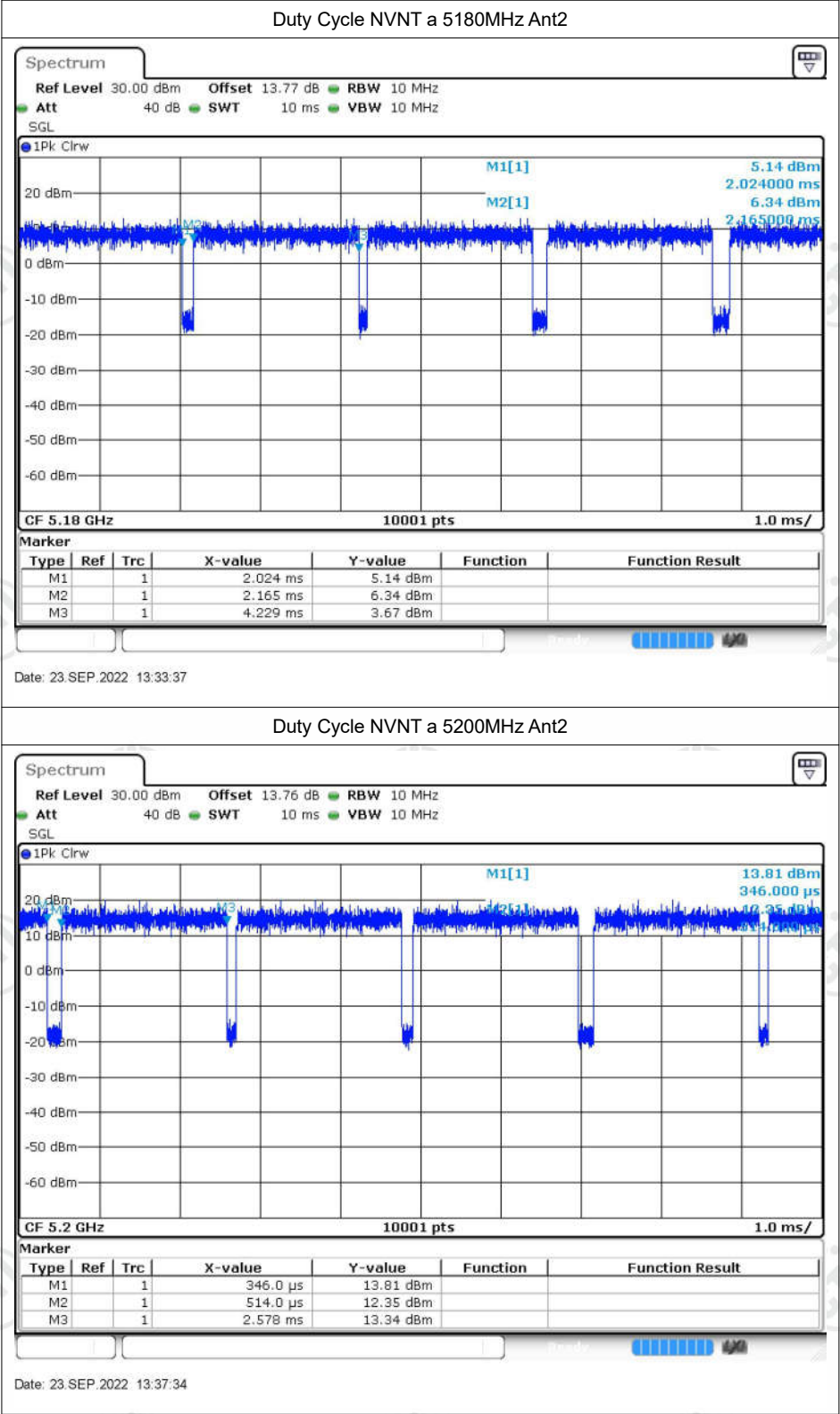
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant1	91.37	0.39	0.48
NVNT	a	5200	Ant1	94.77	0.23	0.48
NVNT	a	5240	Ant1	90.29	0.44	0.48
NVNT	a	5745	Ant1	89.93	0.46	0.48
NVNT	a	5785	Ant1	91.73	0.37	0.48
NVNT	a	5825	Ant1	92.1	0.36	0.48
NVNT	a	5180	Ant2	93.61	0.29	0.48
NVNT	a	5200	Ant2	92.47	0.34	0.48
NVNT	a	5240	Ant2	92.47	0.34	0.48
NVNT	a	5745	Ant2	89.93	0.46	0.48
NVNT	a	5785	Ant2	90.69	0.42	0.48
NVNT	a	5825	Ant2	93.99	0.27	0.48
NVNT	n20	5180	Ant1	93.98	0.27	0.52
NVNT	n20	5200	Ant1	94.4	0.25	0.52
NVNT	n20	5240	Ant1	93.16	0.31	0.52
NVNT	n20	5745	Ant1	93.98	0.27	0.52
NVNT	n20	5785	Ant1	90.4	0.44	0.52
NVNT	n20	5825	Ant1	90.78	0.42	0.52
NVNT	n20	5180	Ant2	91.56	0.38	0.52
NVNT	n20	5200	Ant2	94.81	0.23	0.52
NVNT	n20	5240	Ant2	91.95	0.36	0.52
NVNT	n20	5745	Ant2	89.64	0.47	0.52
NVNT	n20	5785	Ant2	89.26	0.49	0.52
NVNT	n20	5825	Ant2	94.4	0.25	0.52
NVNT	n40	5190	Ant1	90	0.46	1.06
NVNT	n40	5230	Ant1	84.2	0.75	1.06
NVNT	n40	5755	Ant1	86.92	0.61	1.06
NVNT	n40	5795	Ant1	88.56	0.53	1.06
NVNT	n40	5190	Ant2	84.89	0.71	1.06
NVNT	n40	5230	Ant2	80.41	0.95	1.06
NVNT	n40	5755	Ant2	88.56	0.53	1.06
NVNT	n40	5795	Ant2	90.77	0.42	1.06
NVNT	ac20	5180	Ant1	89.07	0.5	0.52
NVNT	ac20	5200	Ant1	89.07	0.5	0.52
NVNT	ac20	5240	Ant1	92.53	0.34	0.52

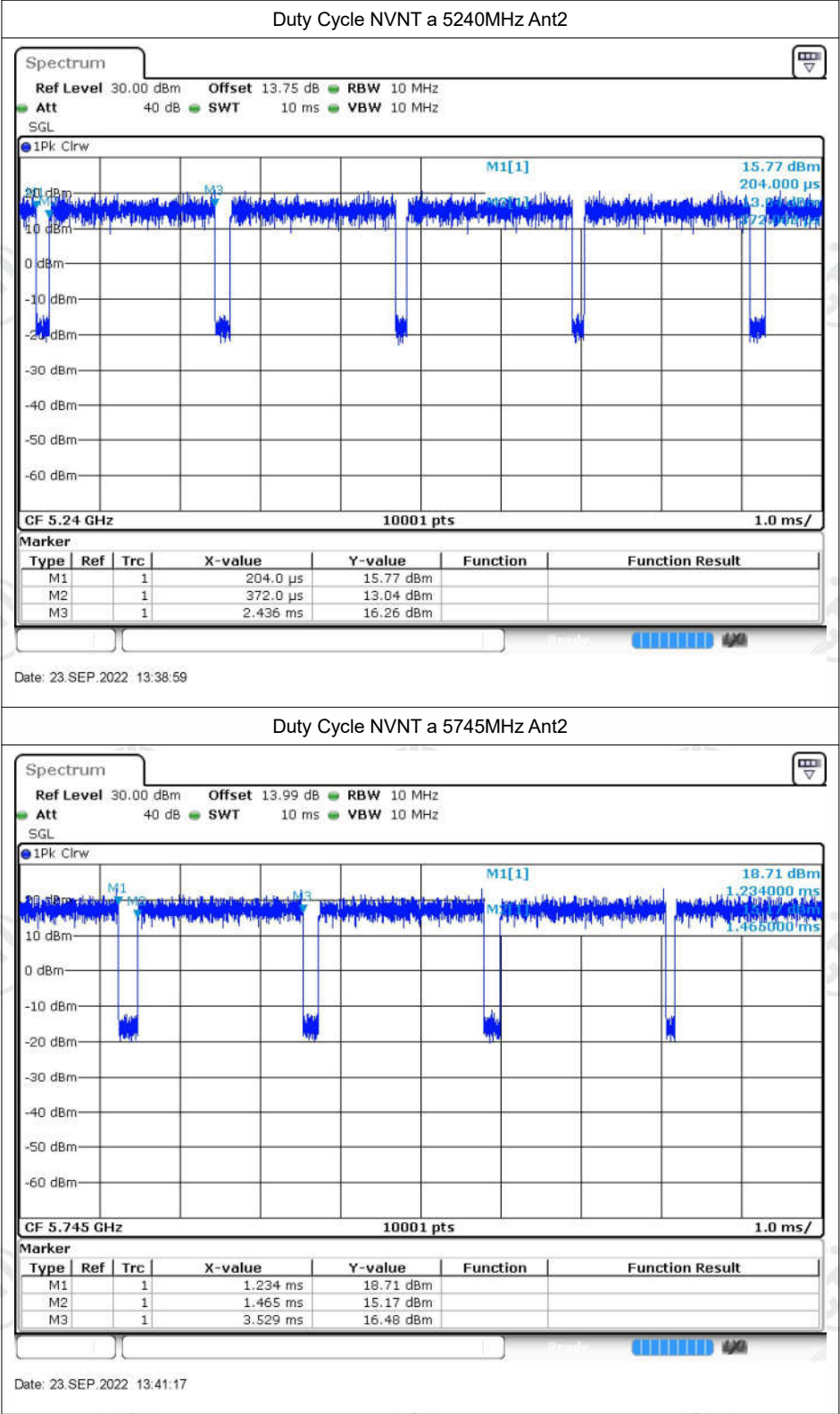
NVNT	ac20	5745	Ant1	90.58	0.43	0.52
NVNT	ac20	5785	Ant1	93.33	0.3	0.52
NVNT	ac20	5825	Ant1	88.34	0.54	0.52
NVNT	ac20	5180	Ant2	92.53	0.34	0.52
NVNT	ac20	5200	Ant2	90.96	0.41	0.52
NVNT	ac20	5240	Ant2	90.2	0.45	0.52
NVNT	ac20	5745	Ant2	94.15	0.26	0.52
NVNT	ac20	5785	Ant2	93.33	0.3	0.52
NVNT	ac20	5825	Ant2	92.93	0.32	0.52
NVNT	ac40	5190	Ant1	78.88	1.03	1.05
NVNT	ac40	5230	Ant1	81.91	0.87	1.05
NVNT	ac40	5755	Ant1	85.92	0.66	1.05
NVNT	ac40	5795	Ant1	78.81	1.03	1.05
NVNT	ac40	5190	Ant2	81.93	0.87	1.05
NVNT	ac40	5230	Ant2	85.3	0.69	1.05
NVNT	ac40	5755	Ant2	87.99	0.56	1.05
NVNT	ac40	5795	Ant2	82.64	0.83	1.05
NVNT	ac80	5210	Ant1	73.62	1.33	2.17
NVNT	ac80	5775	Ant1	68.61	1.64	2.18
NVNT	ac80	5210	Ant2	76.88	1.14	2.18
NVNT	ac80	5775	Ant2	79.33	1.01	2.17

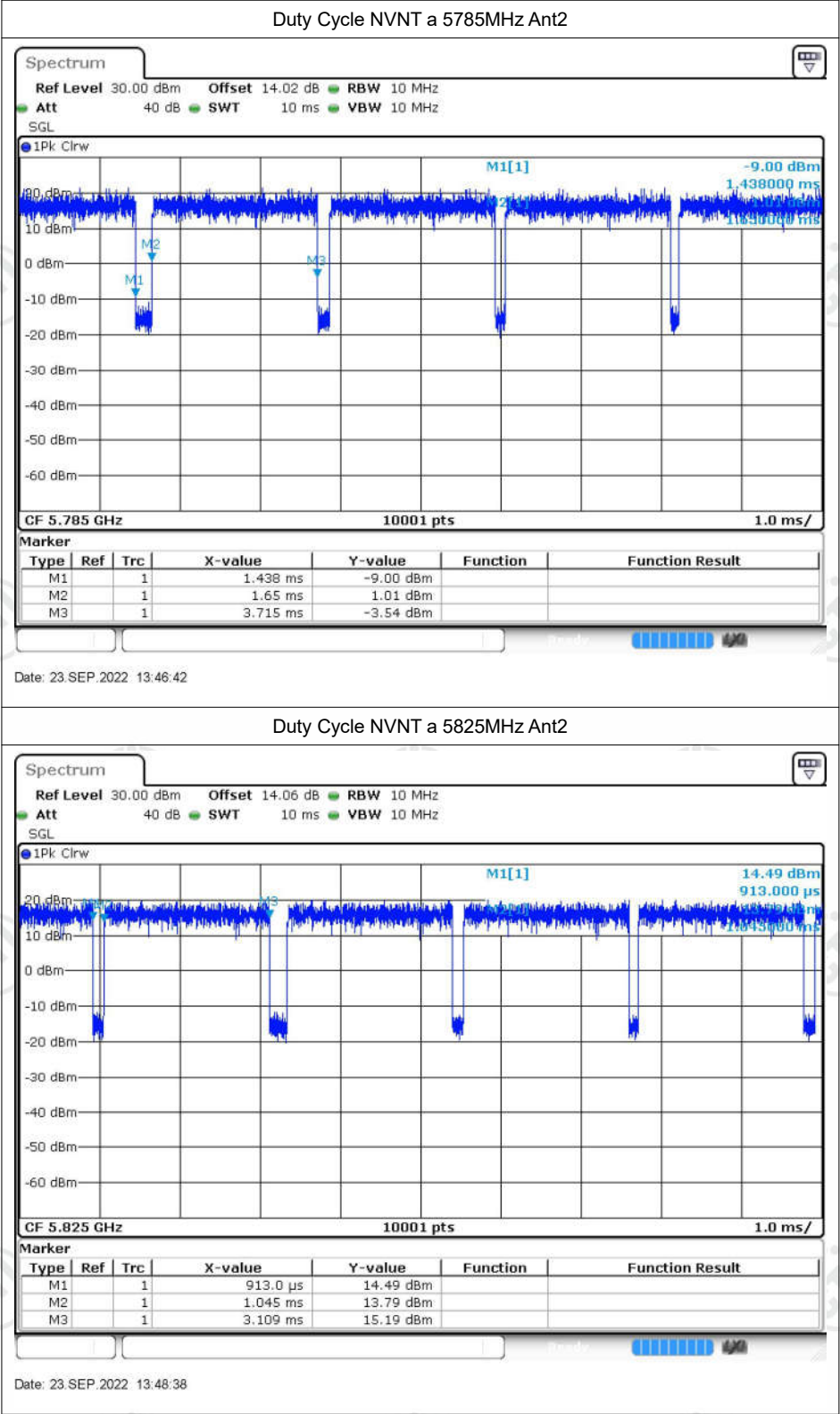


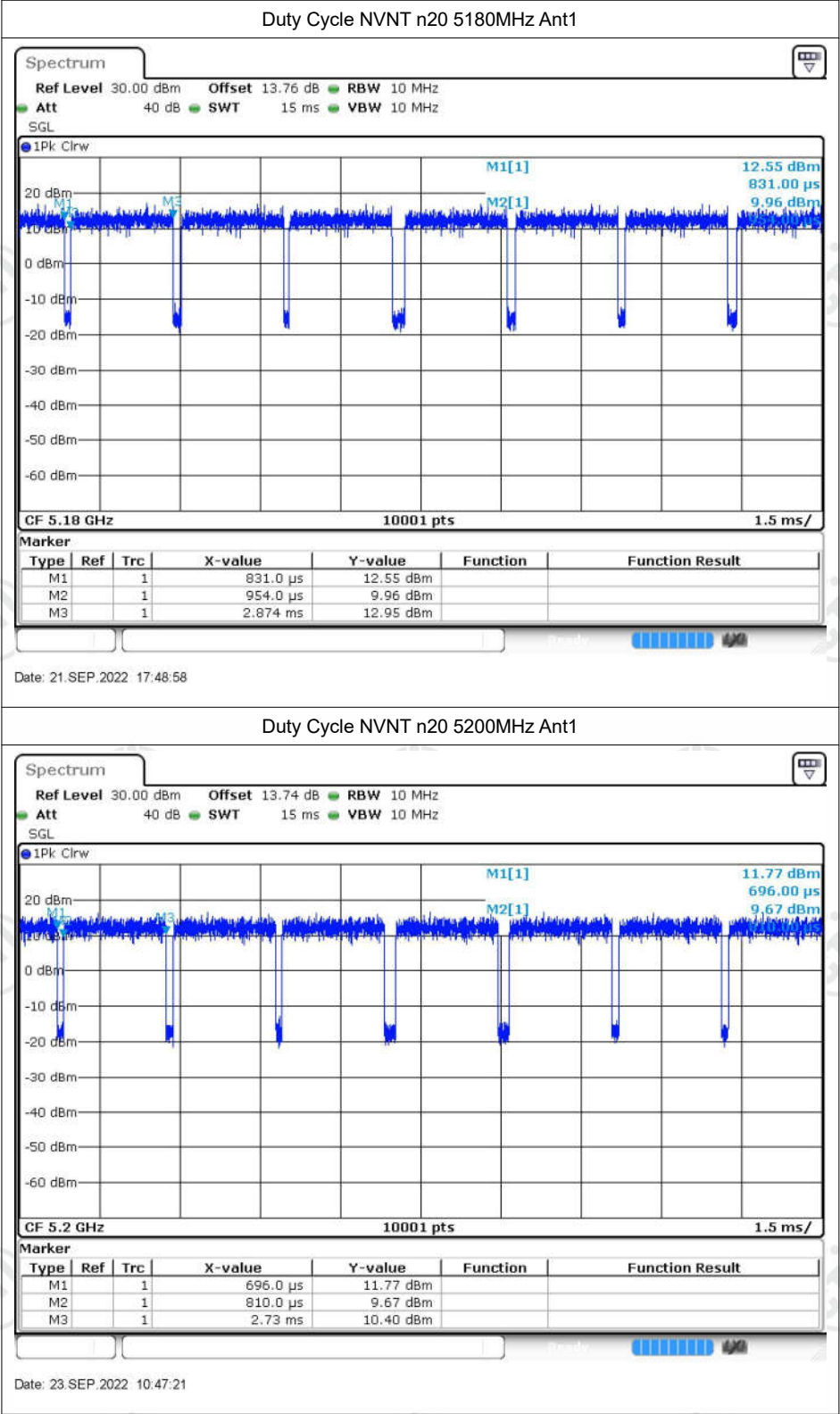


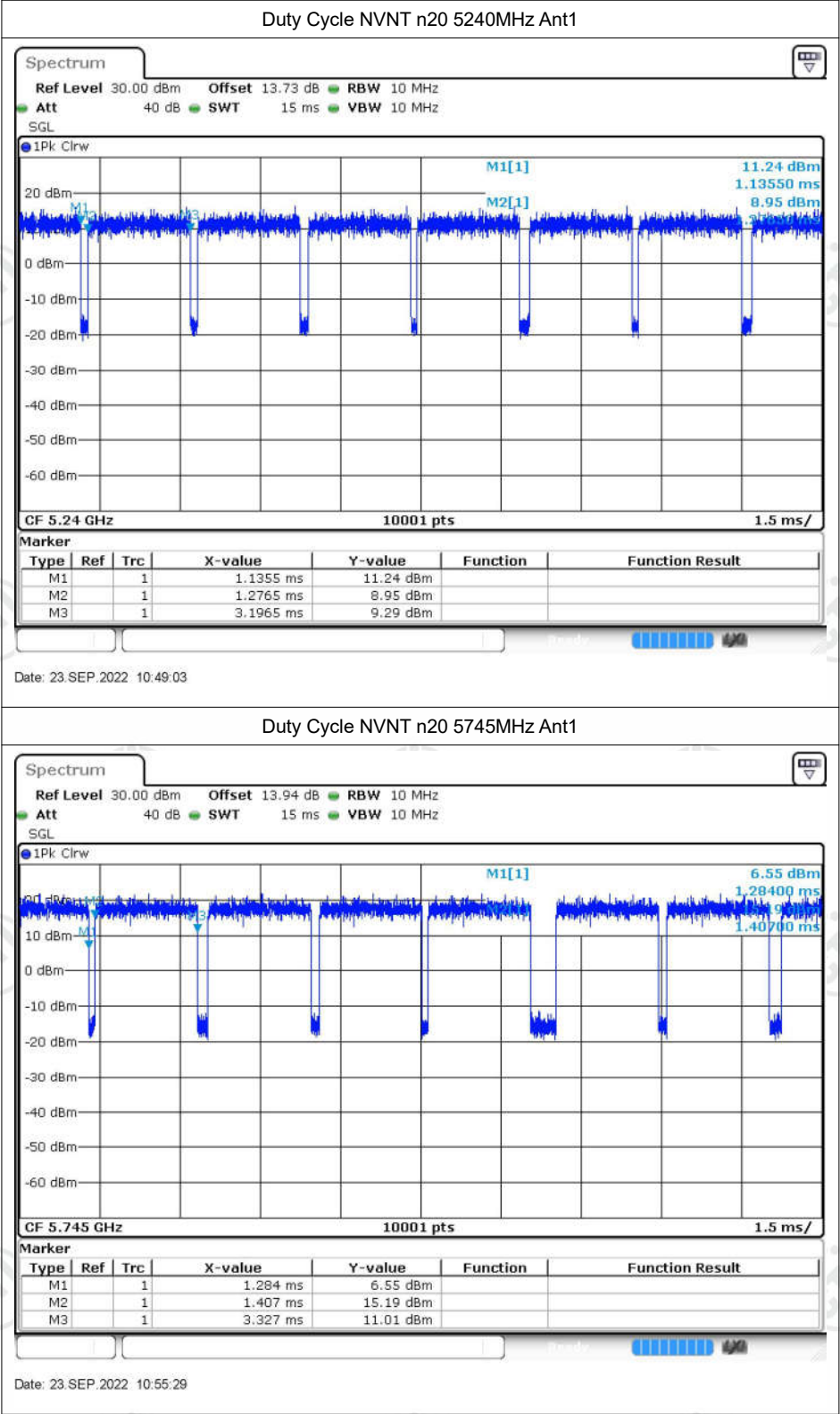


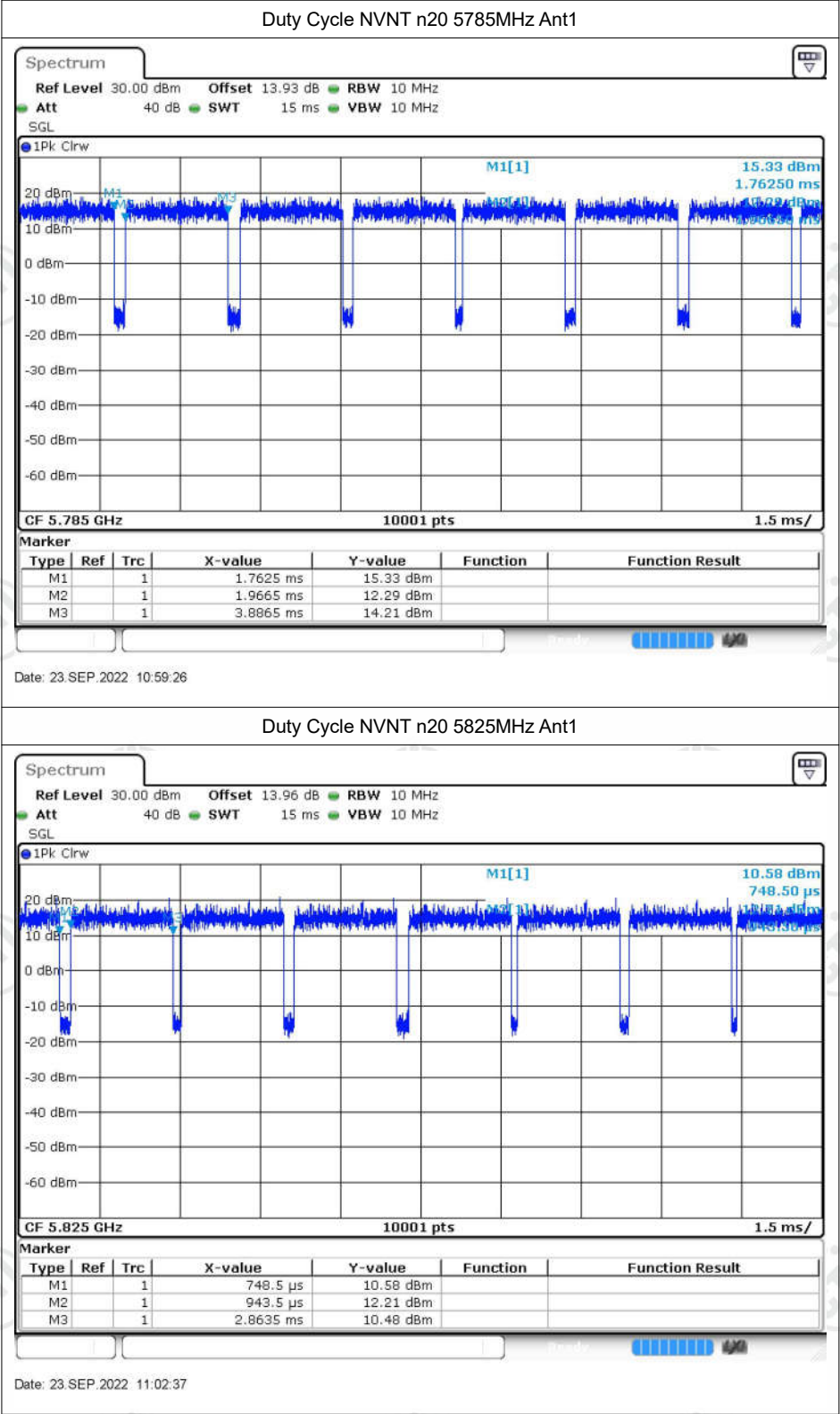


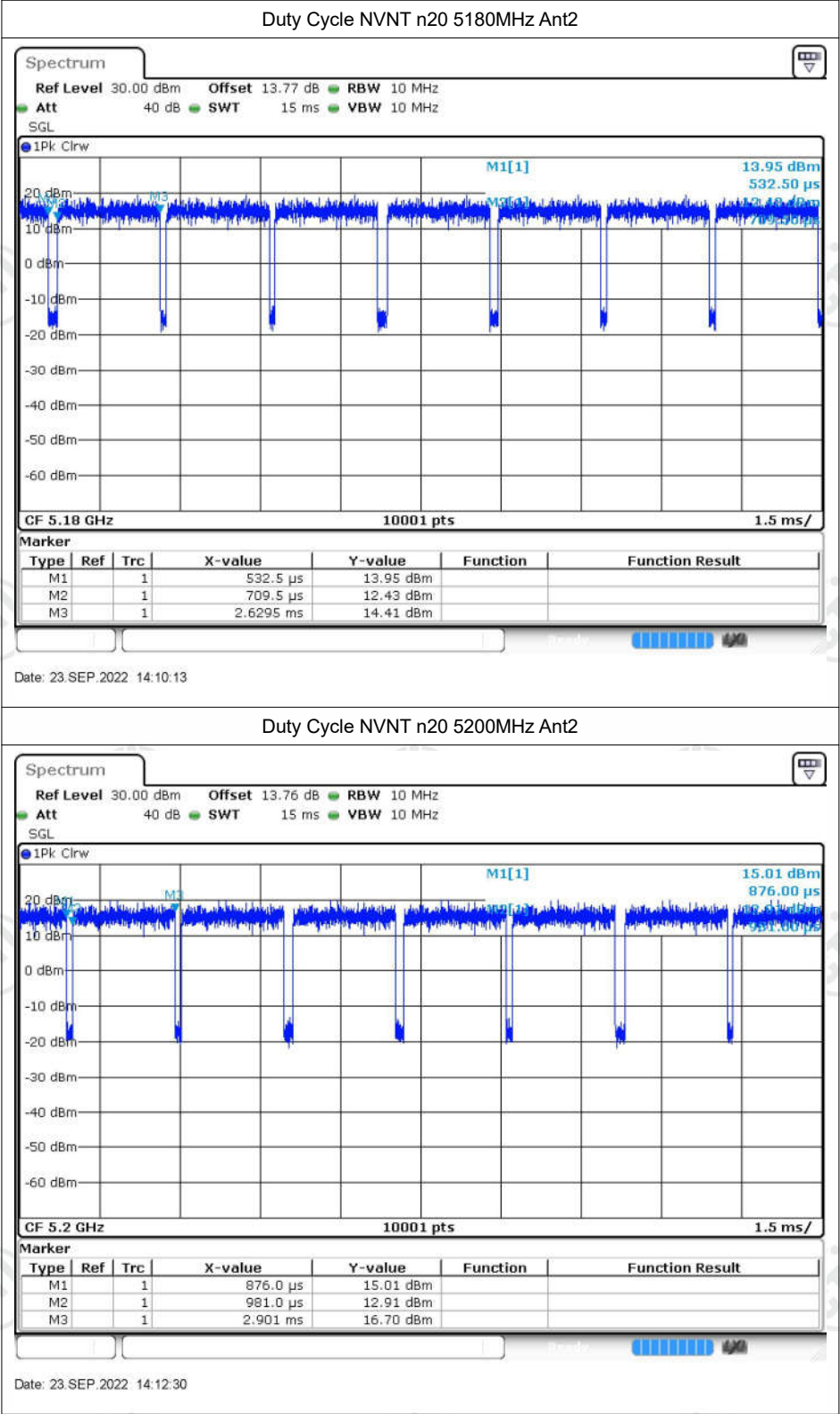


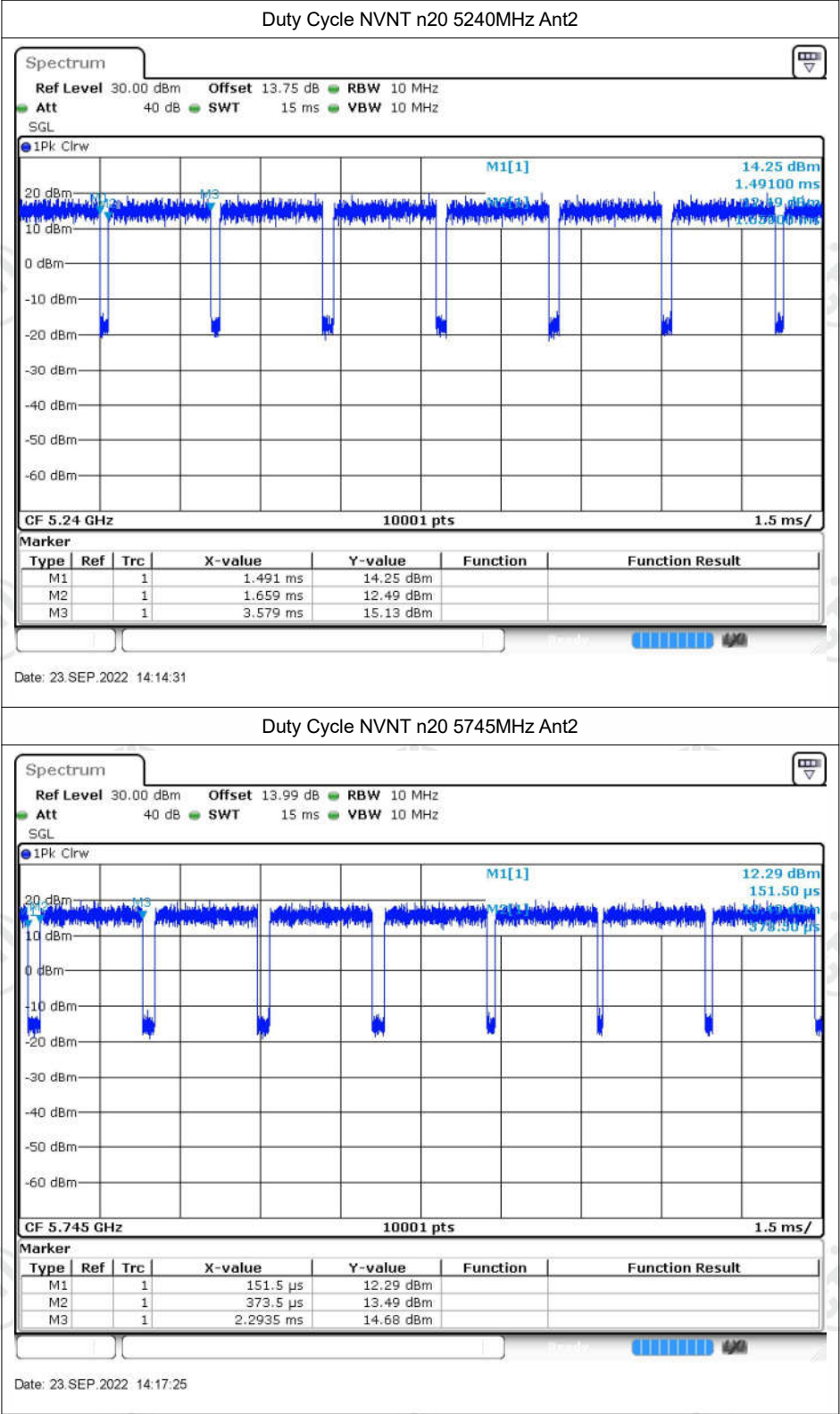


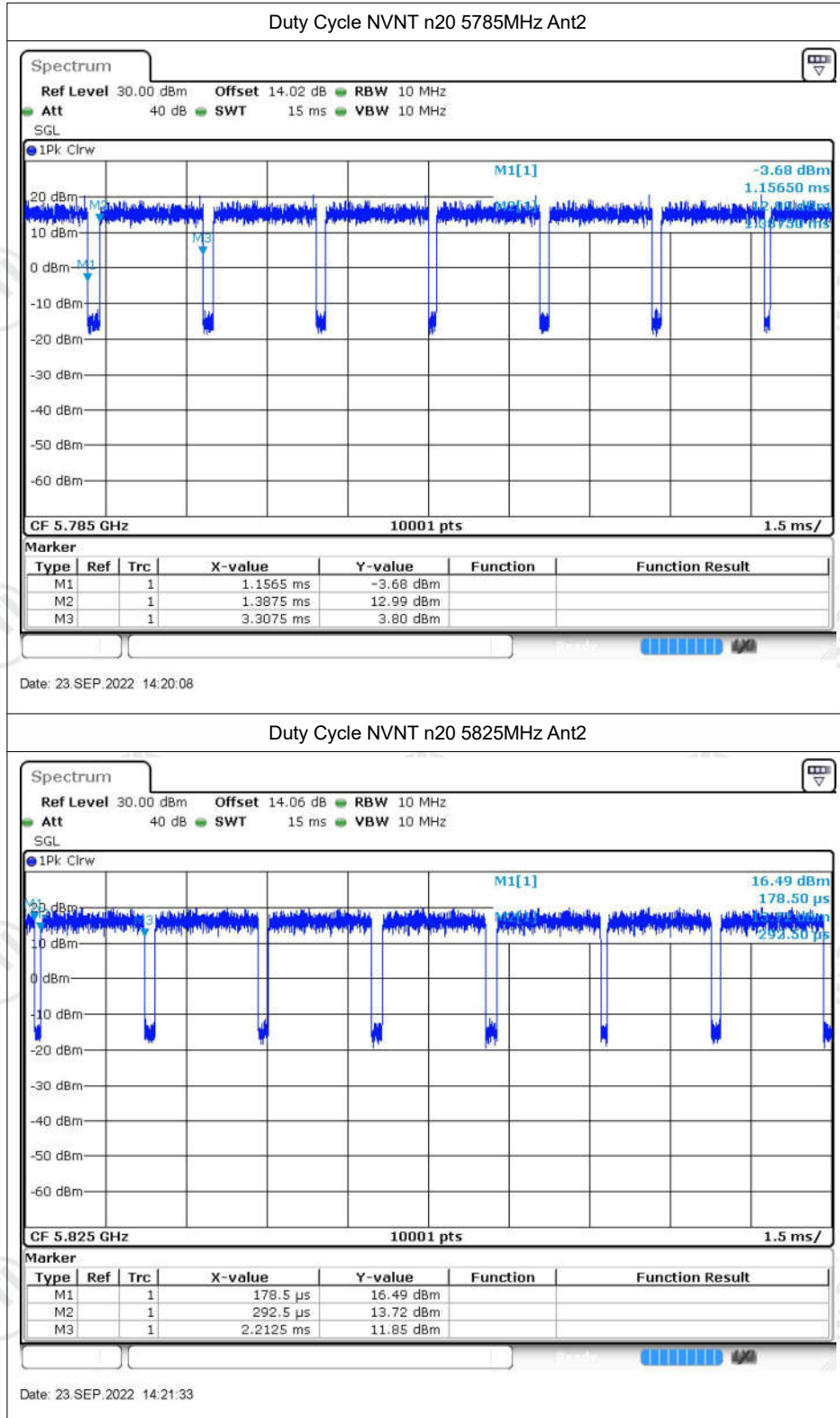


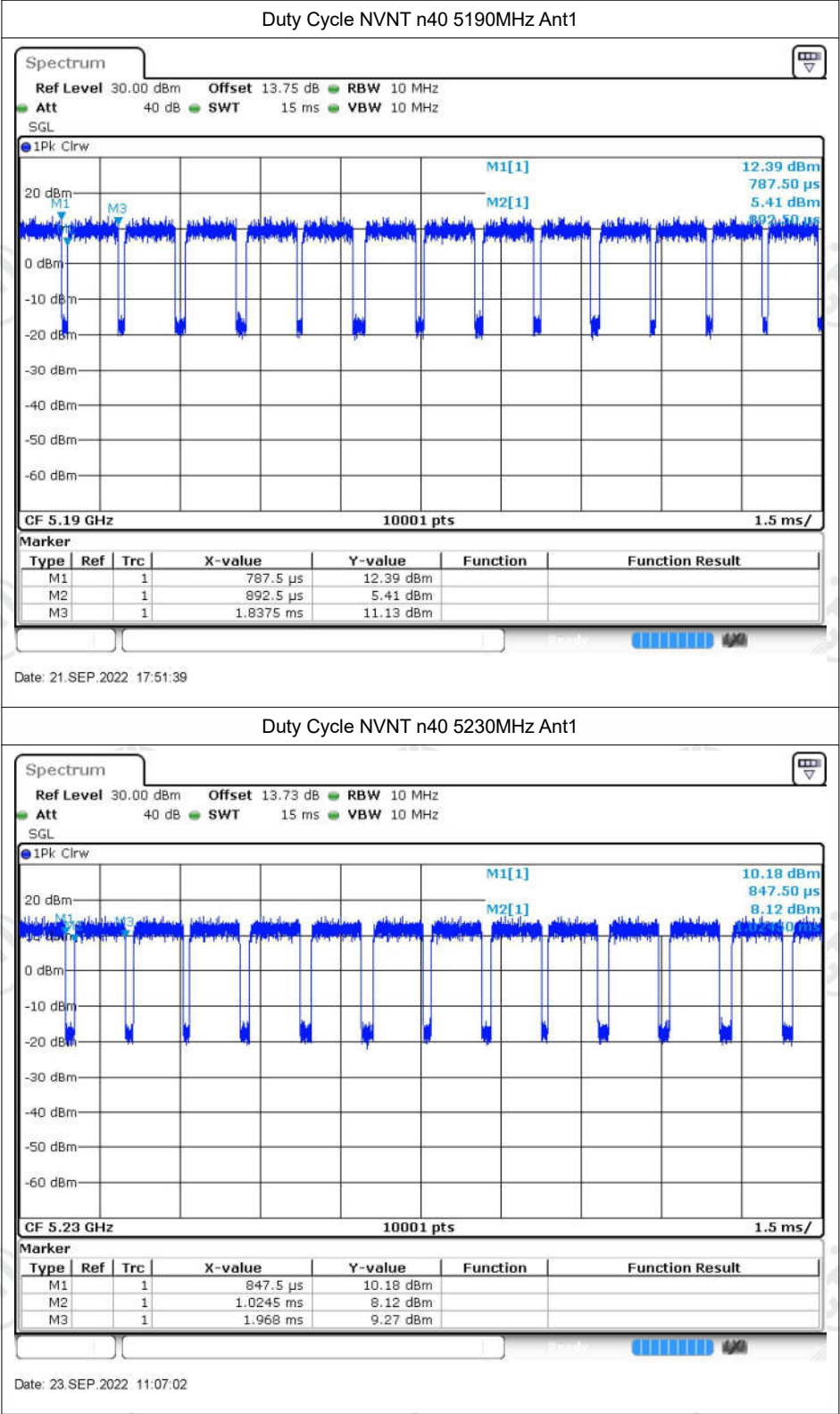


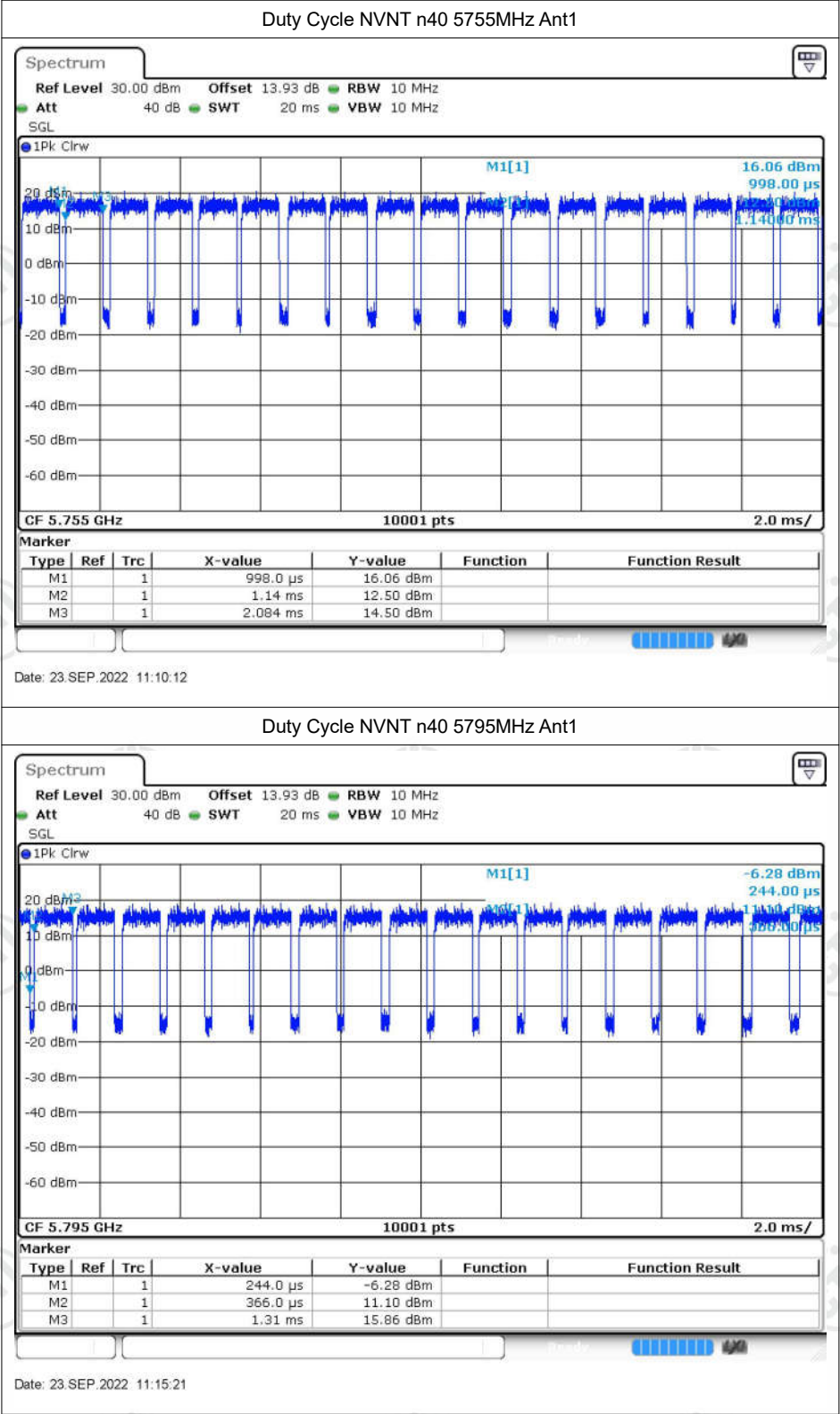


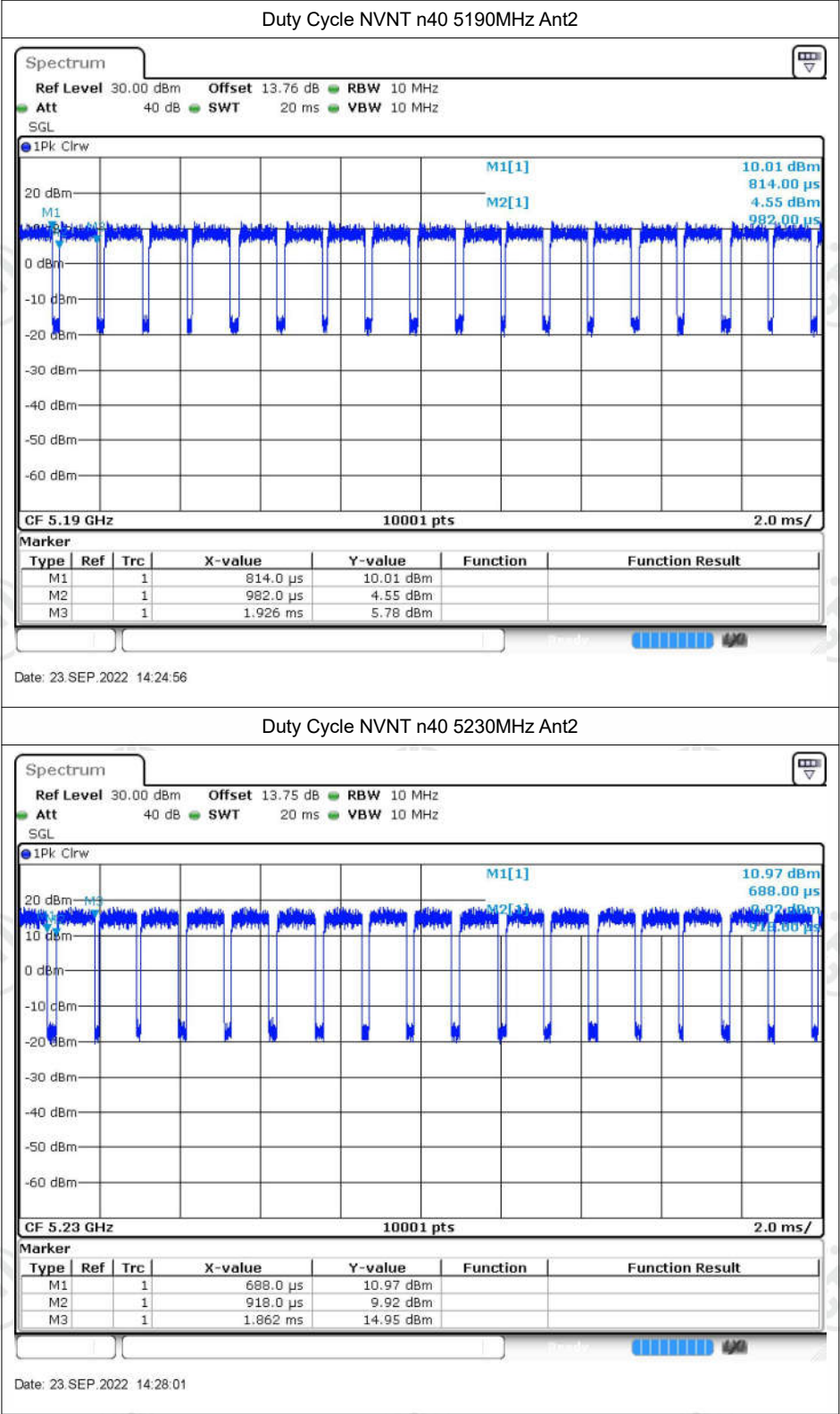


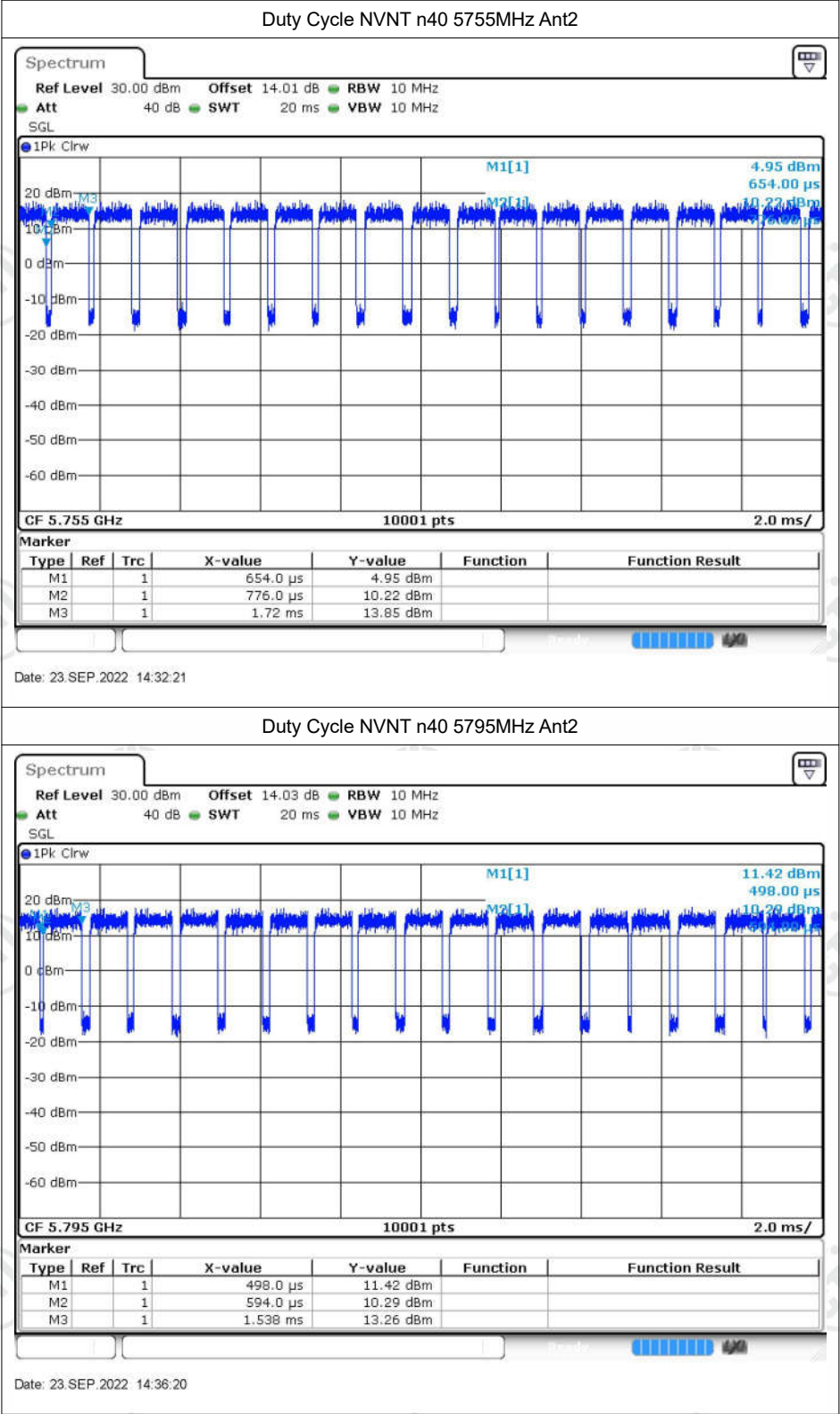


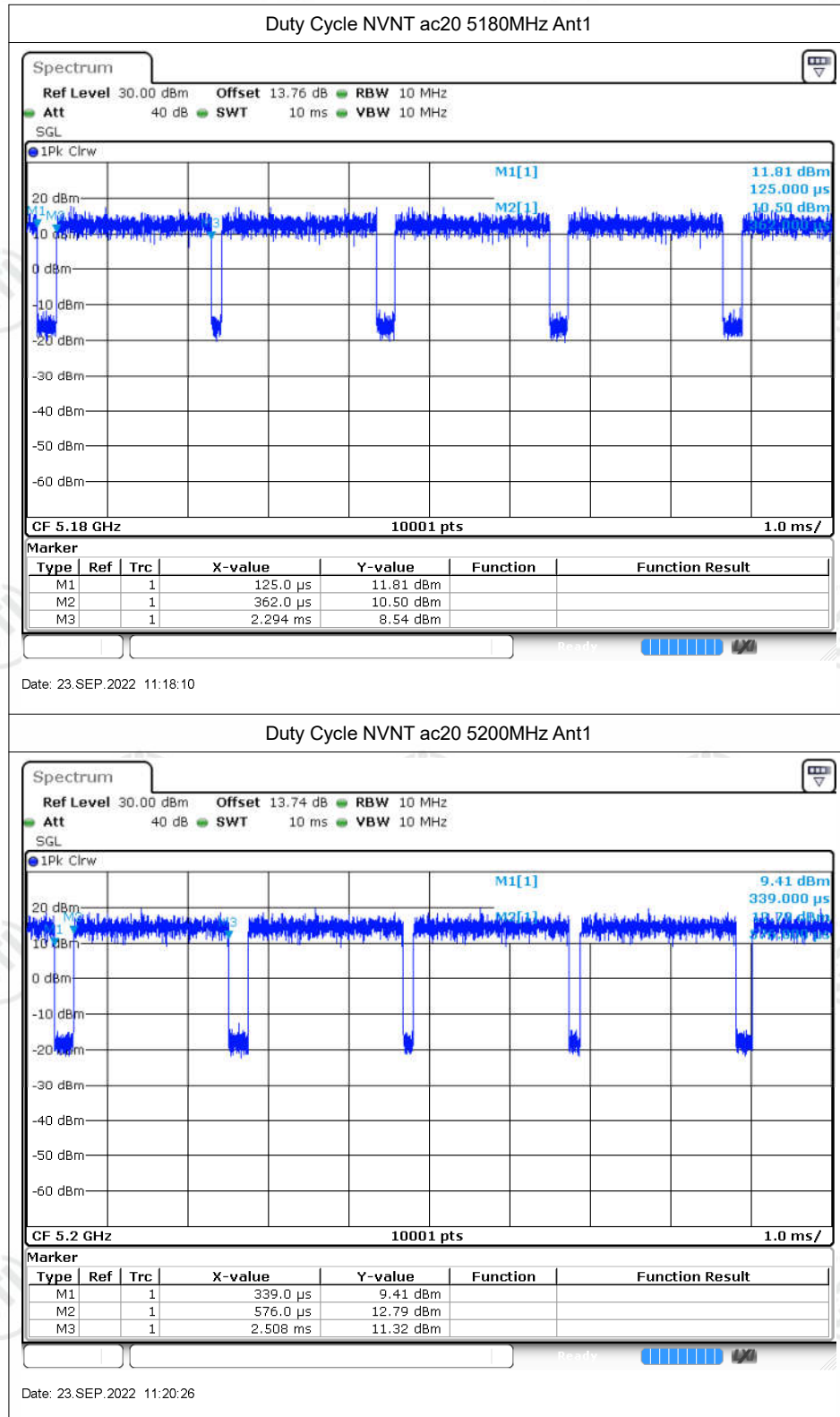


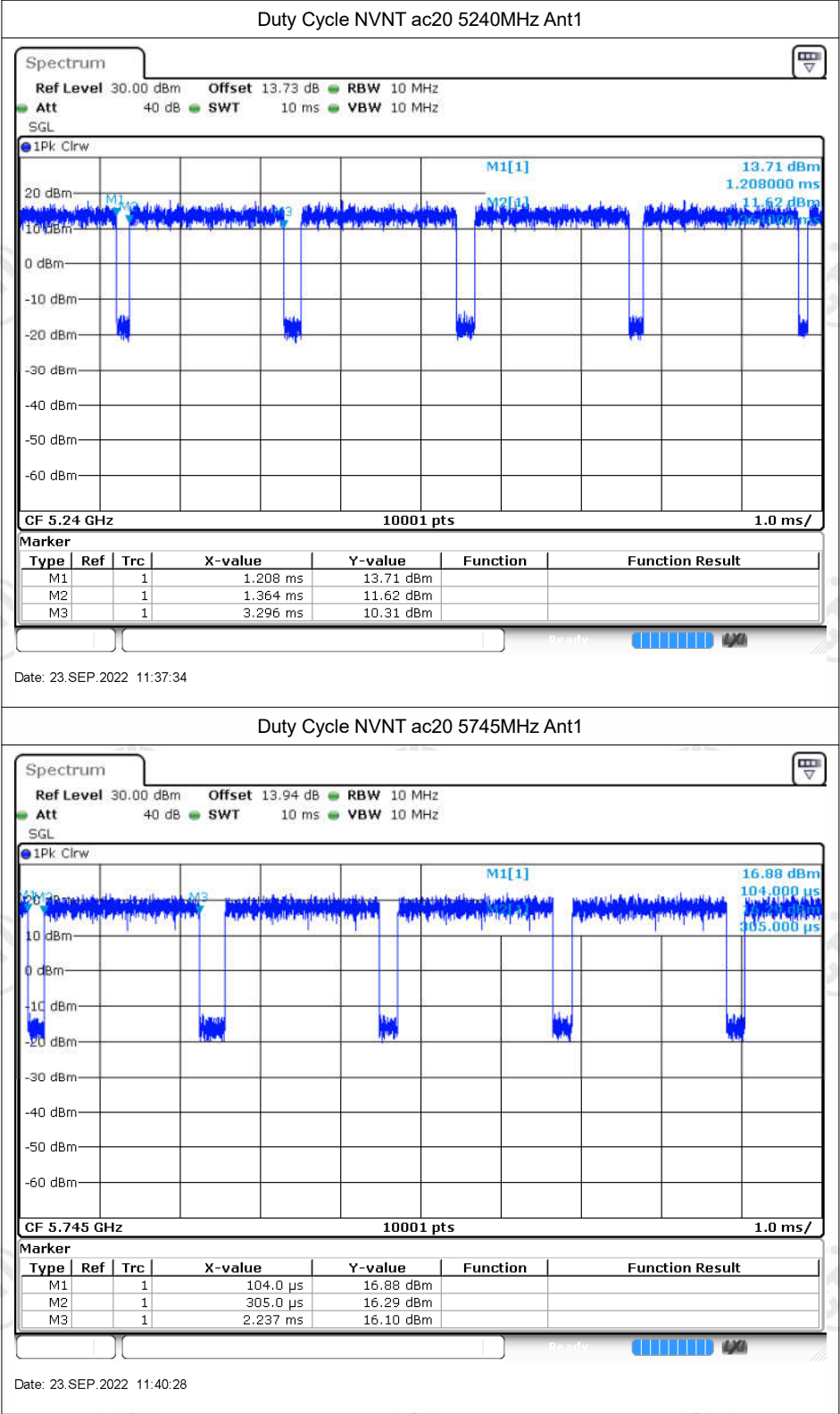


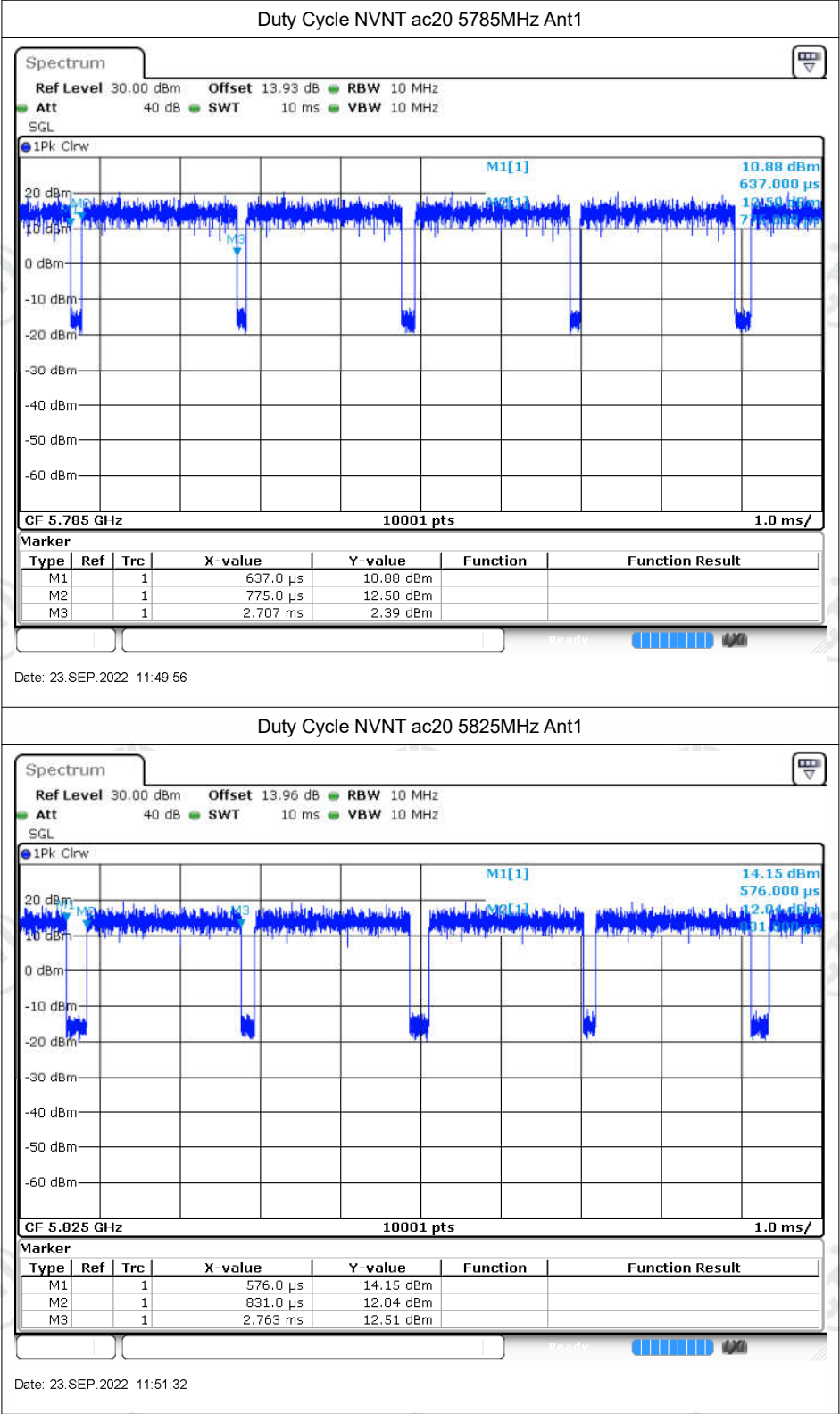


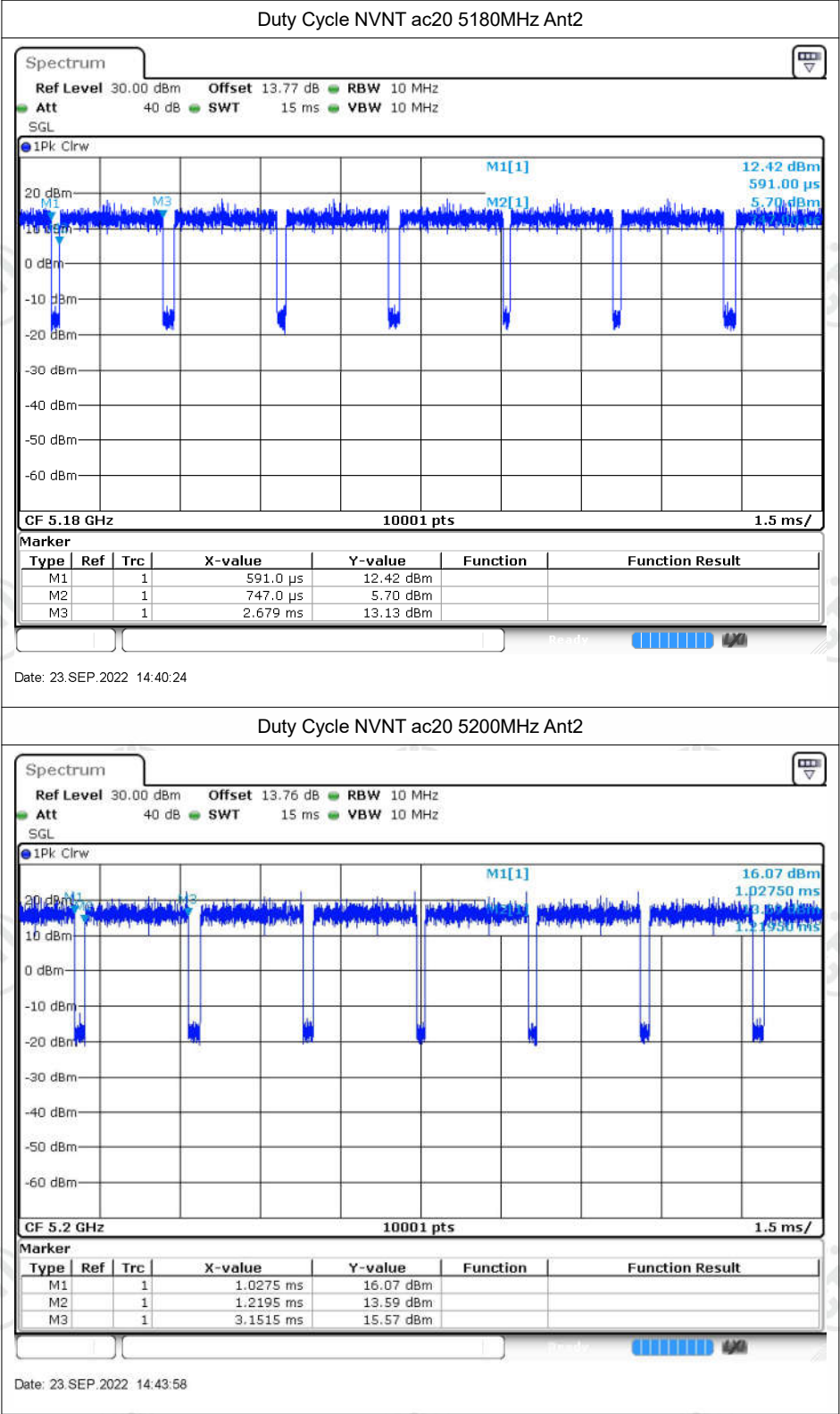


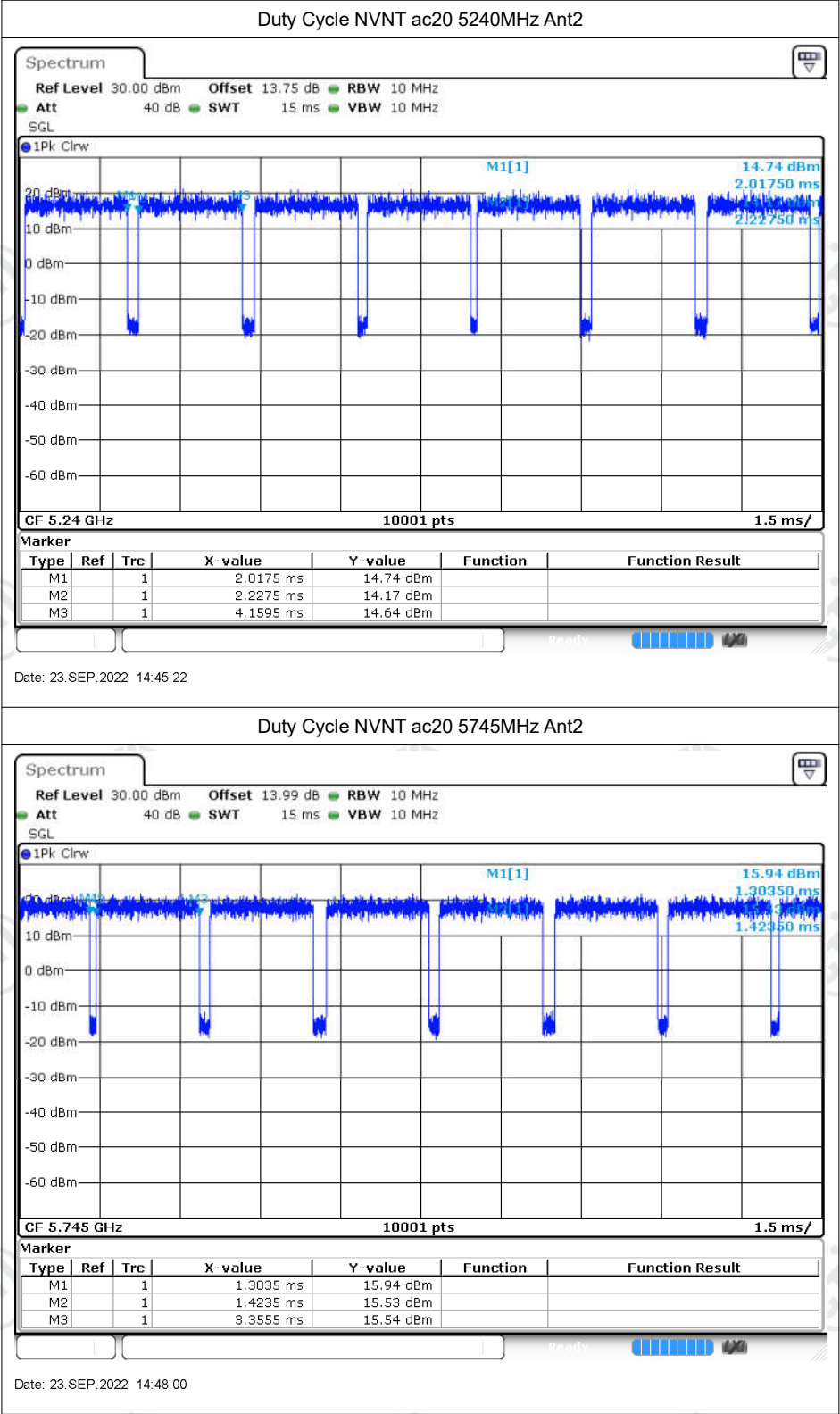


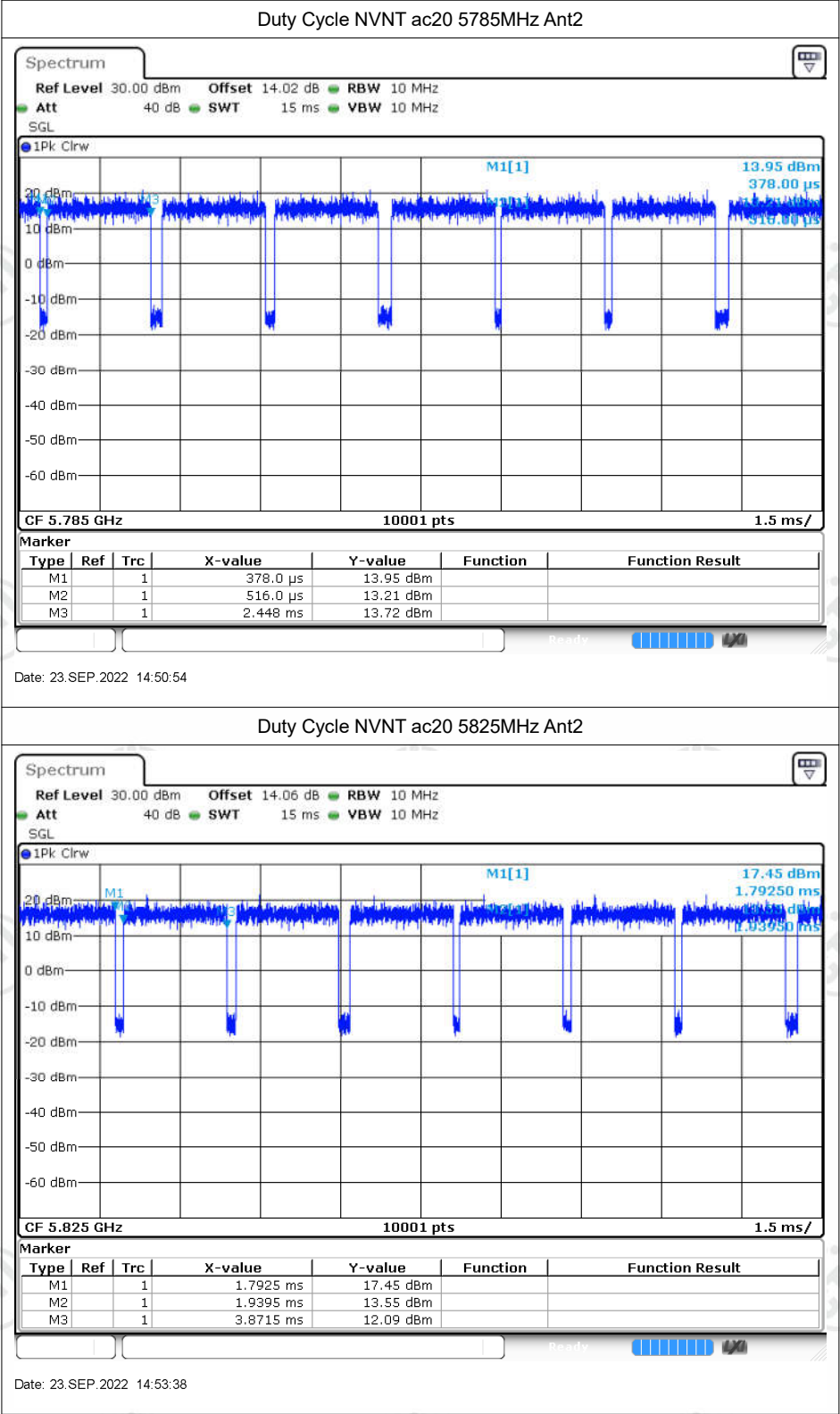


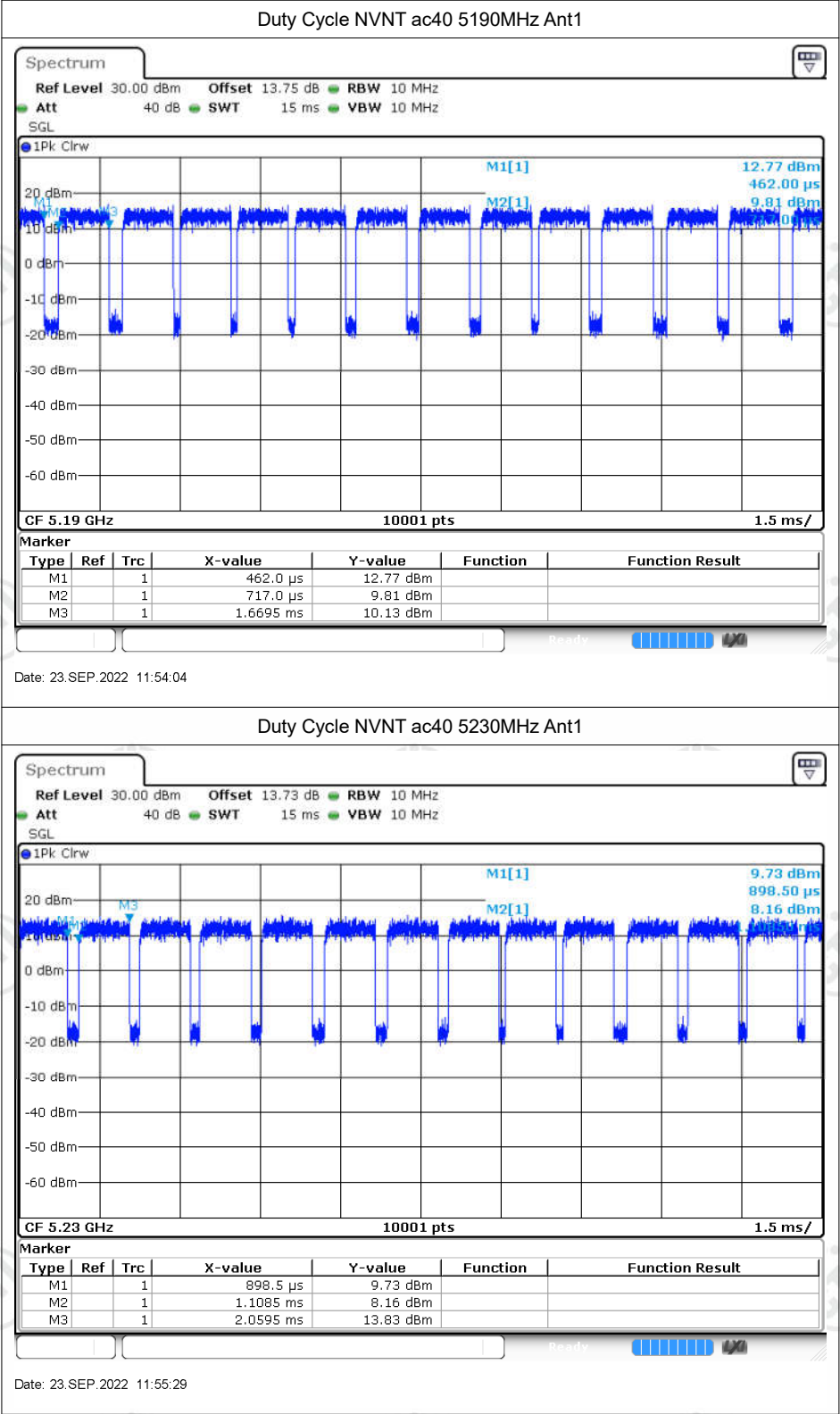


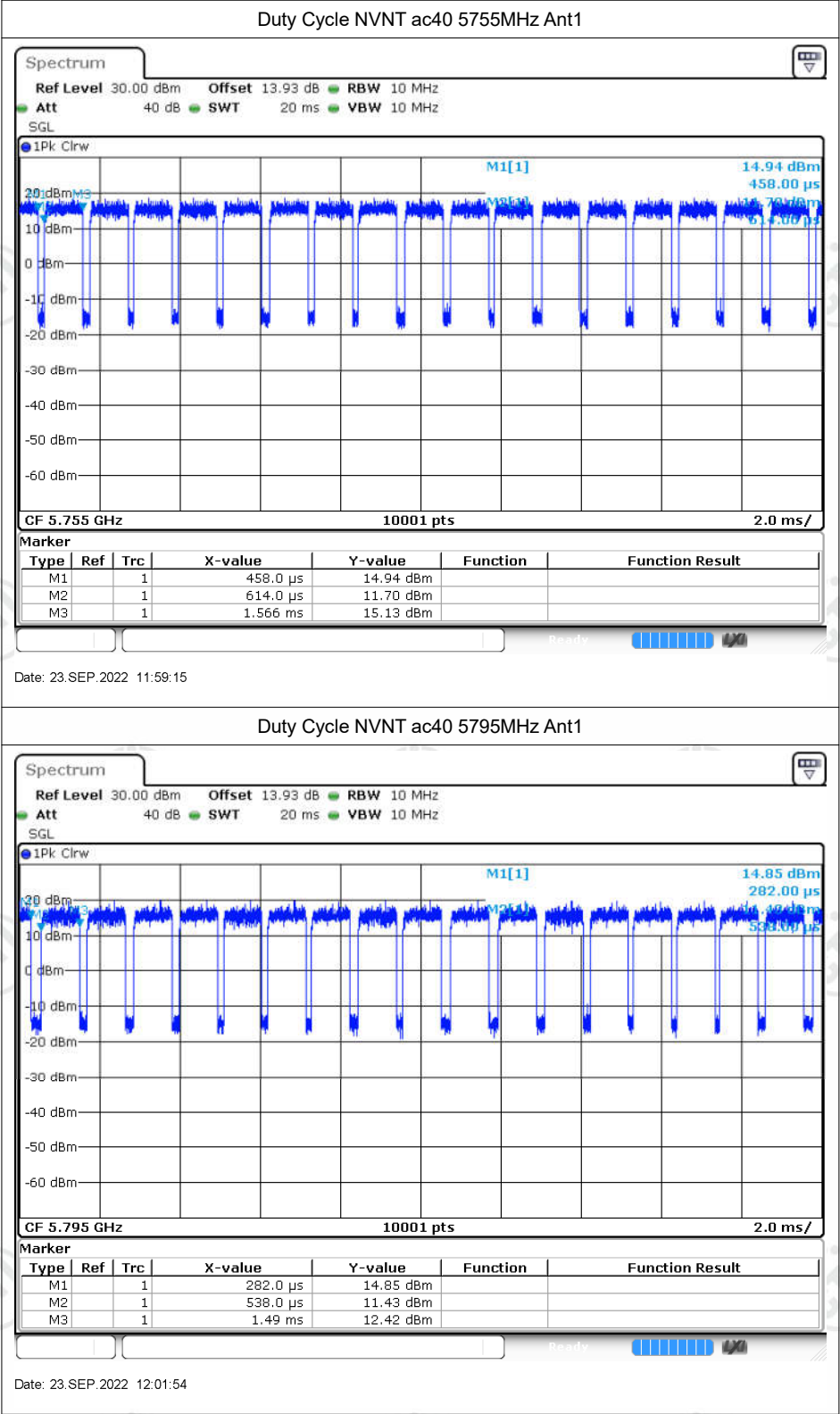


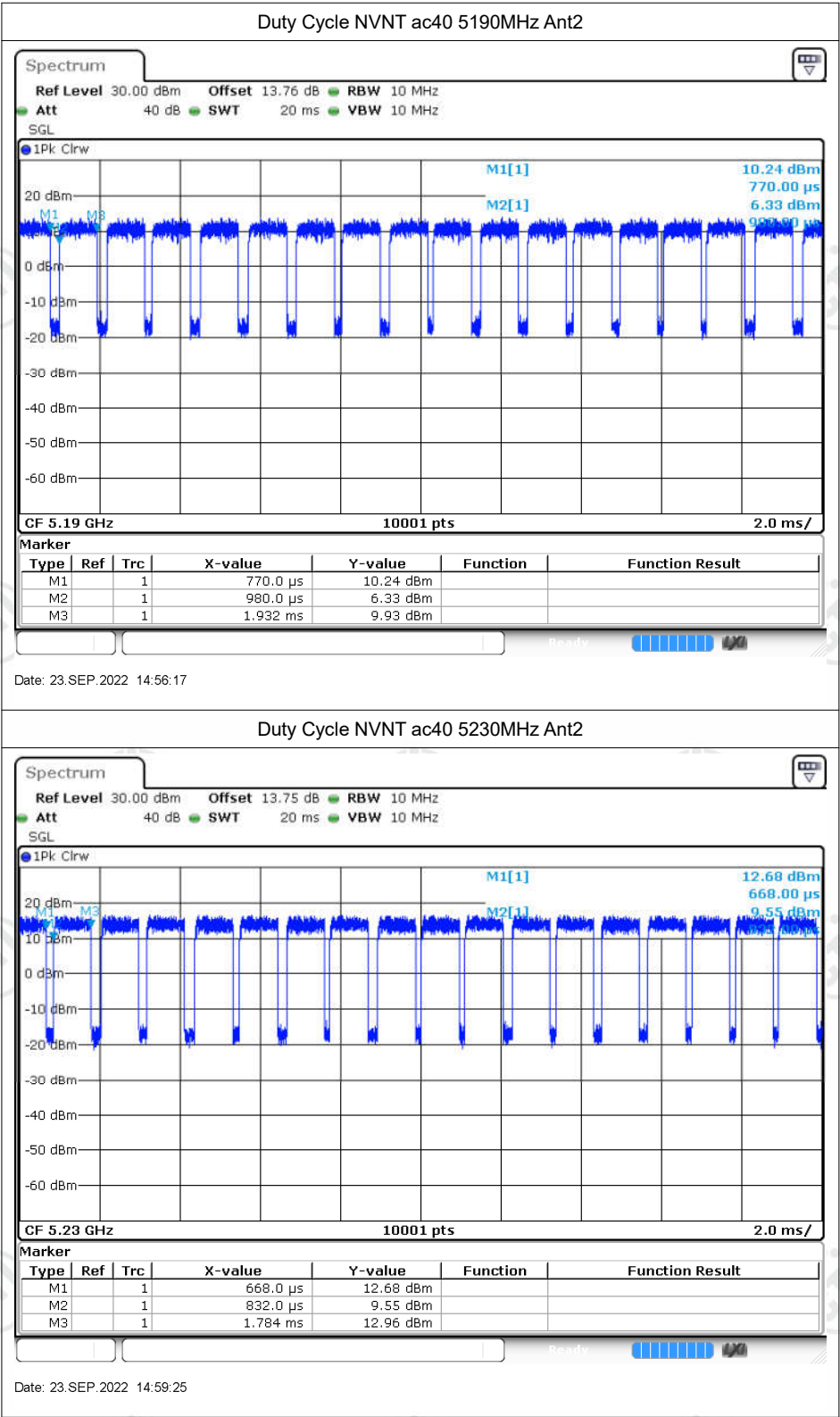


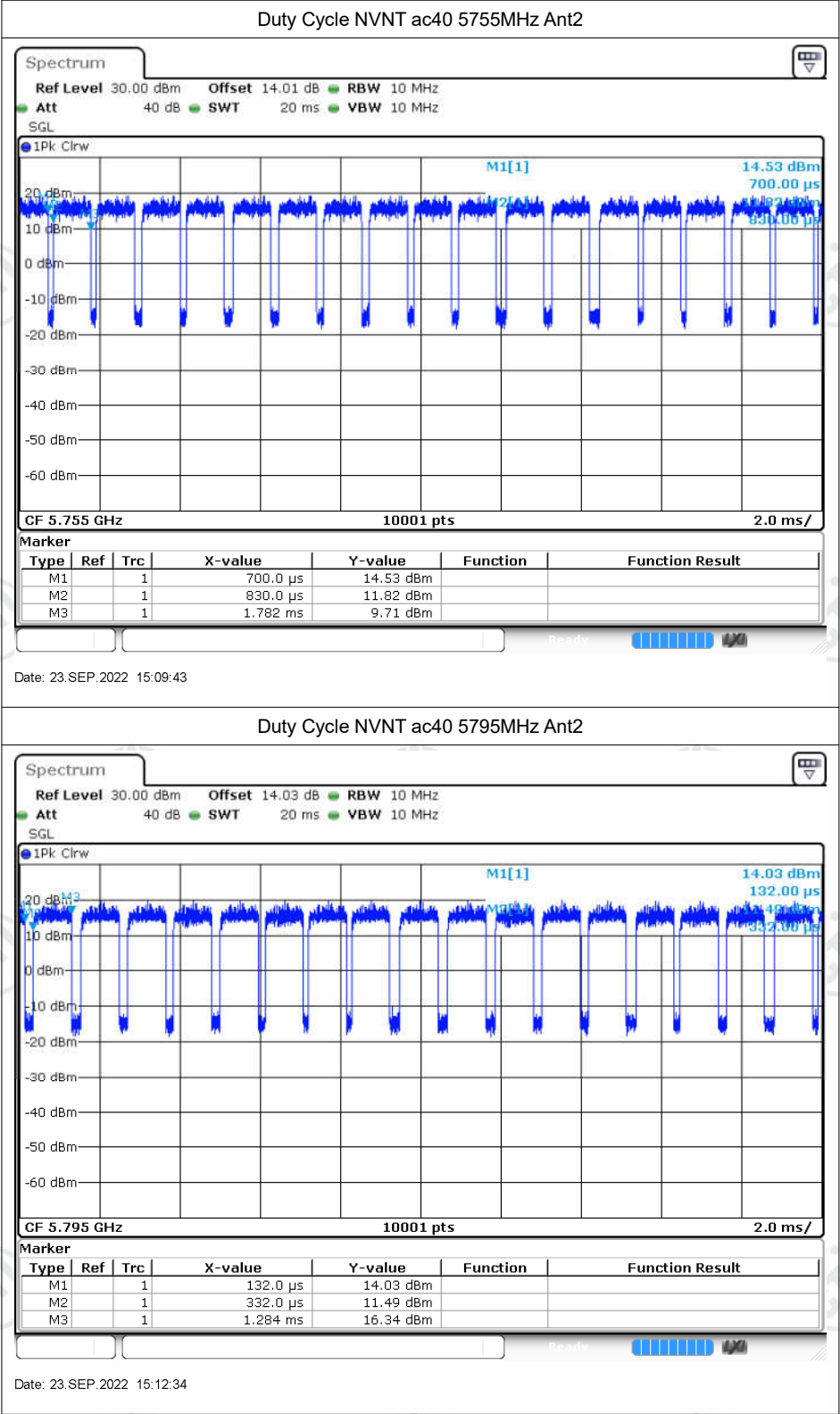


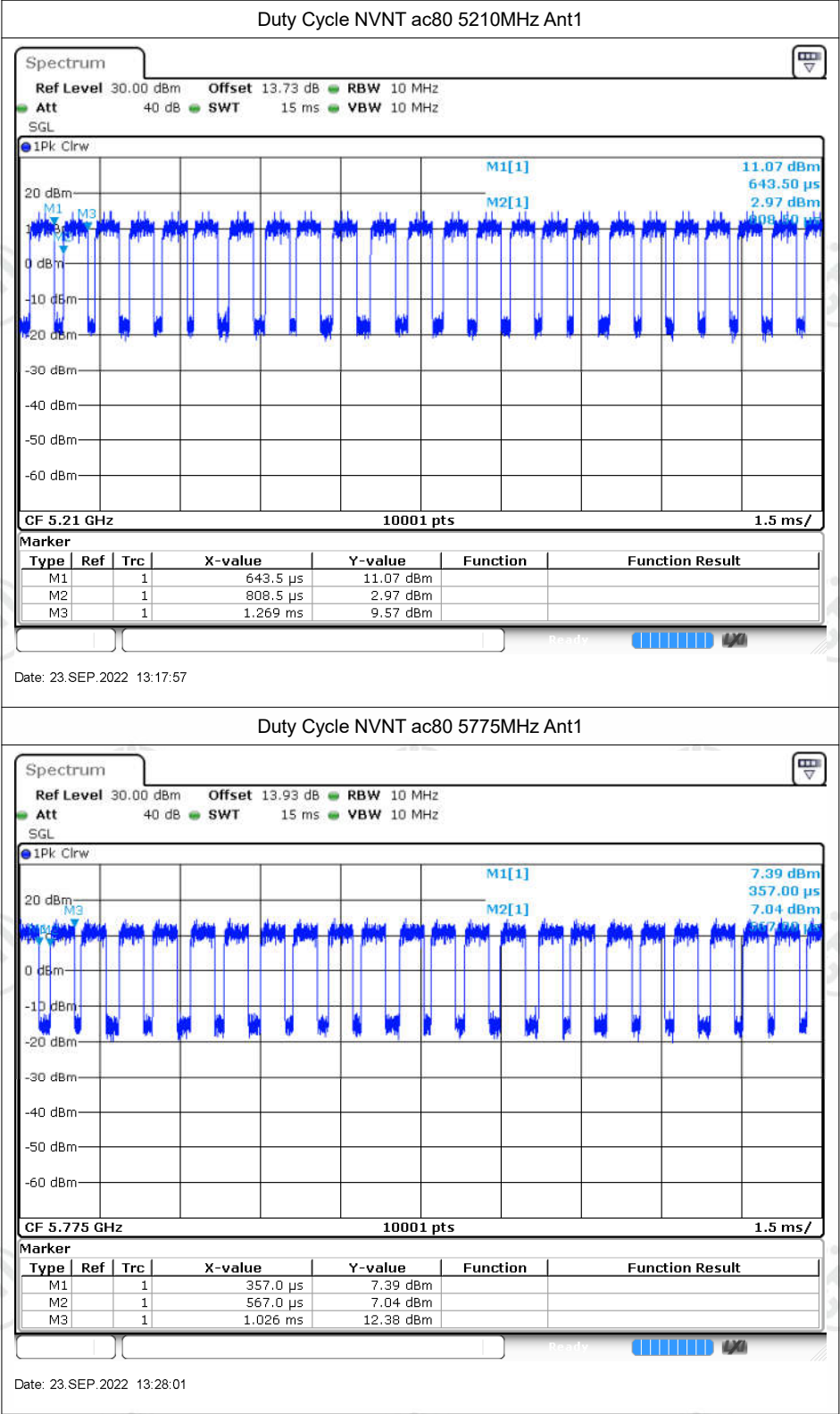


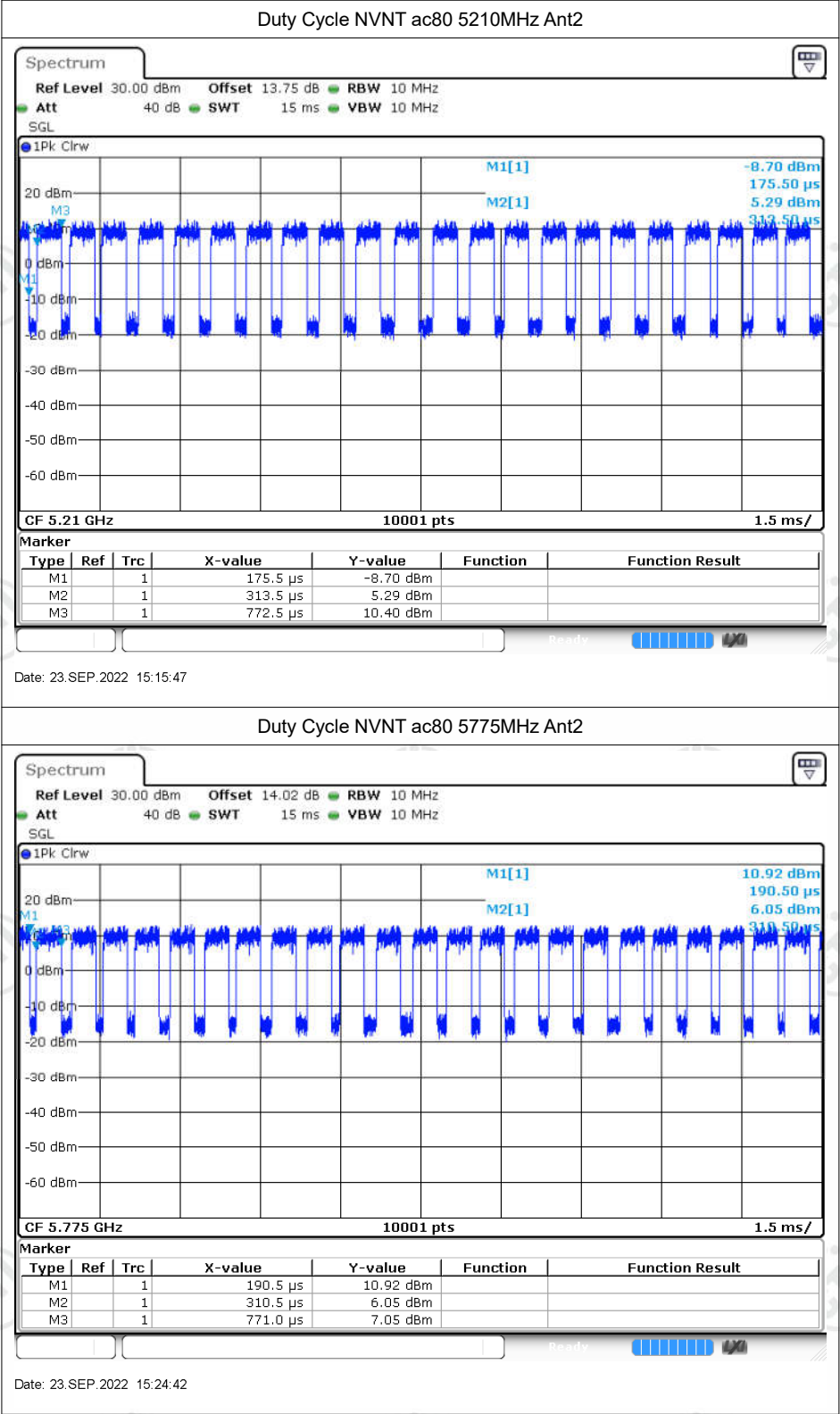












Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	6.54	0.39	6.93	24	Pass
NVNT	a	5200	Ant1	6.36	0.23	6.59	24	Pass
NVNT	a	5240	Ant1	5.85	0.44	6.29	24	Pass
NVNT	a	5745	Ant1	8.47	0.46	8.93	30	Pass
NVNT	a	5785	Ant1	8.22	0.37	8.59	30	Pass
NVNT	a	5825	Ant1	7.92	0.36	8.28	30	Pass
NVNT	a	5180	Ant2	6.97	0.29	7.26	24	Pass
NVNT	a	5200	Ant2	6.8	0.34	7.14	24	Pass
NVNT	a	5240	Ant2	6.76	0.34	7.1	24	Pass
NVNT	a	5745	Ant2	8.26	0.46	8.72	30	Pass
NVNT	a	5785	Ant2	8.17	0.42	8.59	30	Pass
NVNT	a	5825	Ant2	8.71	0.27	8.98	30	Pass
NVNT	n20	5180	Ant1	5.88	0.27	6.15	24	Pass
NVNT	n20	5200	Ant1	6.34	0.25	6.59	24	Pass
NVNT	n20	5240	Ant1	6.22	0.31	6.53	24	Pass
NVNT	n20	5745	Ant1	7.43	0.27	7.7	30	Pass
NVNT	n20	5785	Ant1	7.29	0.44	7.73	30	Pass
NVNT	n20	5825	Ant1	6.81	0.42	7.23	30	Pass
NVNT	n20	5180	Ant2	6.33	0.38	6.71	24	Pass
NVNT	n20	5200	Ant2	6.81	0.23	7.04	24	Pass
NVNT	n20	5240	Ant2	6.49	0.36	6.85	24	Pass
NVNT	n20	5745	Ant2	7.15	0.47	7.62	30	Pass
NVNT	n20	5785	Ant2	7	0.49	7.49	30	Pass
NVNT	n20	5825	Ant2	7.69	0.25	7.94	30	Pass
NVNT	n20	5180	Ant1	0.91	0	0.91	24	Pass
NVNT	n20	5180	Ant2	3.17	0	3.17	24	Pass
NVNT	n20	5180	Sum	5.2	0	5.2	24	Pass
NVNT	n20	5200	Ant1	1.37	0	1.37	24	Pass
NVNT	n20	5200	Ant2	3.85	0	3.85	24	Pass
NVNT	n20	5200	Sum	5.79	0	5.79	24	Pass
NVNT	n20	5240	Ant1	-0.09	0	-0.09	24	Pass
NVNT	n20	5240	Ant2	4.71	0	4.71	24	Pass
NVNT	n20	5240	Sum	5.95	0	5.95	24	Pass
NVNT	n20	5745	Ant1	1.01	0	1.01	30	Pass

NVNT	n20	5745	Ant2	4.75	0	4.75	30	Pass
NVNT	n20	5745	Sum	6.28	0	6.28	30	Pass
NVNT	n20	5785	Ant1	0.01	0	0.01	30	Pass
NVNT	n20	5785	Ant2	5.11	0	5.11	30	Pass
NVNT	n20	5785	Sum	6.28	0	6.28	30	Pass
NVNT	n20	5825	Ant1	1.04	0	1.04	30	Pass
NVNT	n20	5825	Ant2	5.09	0	5.09	30	Pass
NVNT	n20	5825	Sum	6.53	0	6.53	30	Pass
NVNT	n40	5190	Ant1	4.97	0.46	5.43	24	Pass
NVNT	n40	5230	Ant1	4.37	0.75	5.12	24	Pass
NVNT	n40	5755	Ant1	7.16	0.61	7.77	30	Pass
NVNT	n40	5795	Ant1	6.68	0.53	7.21	30	Pass
NVNT	n40	5190	Ant2	4.61	0.71	5.32	24	Pass
NVNT	n40	5230	Ant2	4.58	0.95	5.53	24	Pass
NVNT	n40	5755	Ant2	6.66	0.53	7.19	30	Pass
NVNT	n40	5795	Ant2	6.76	0.42	7.18	30	Pass
NVNT	n40	5190	Ant1	0.6	0	0.6	24	Pass
NVNT	n40	5190	Ant2	4.29	0	4.29	24	Pass
NVNT	n40	5190	Sum	5.84	0	5.84	24	Pass
NVNT	n40	5230	Ant1	0.59	0	0.59	24	Pass
NVNT	n40	5230	Ant2	3.75	0	3.75	24	Pass
NVNT	n40	5230	Sum	5.46	0	5.46	24	Pass
NVNT	n40	5755	Ant1	1.9	0	1.9	30	Pass
NVNT	n40	5755	Ant2	4.37	0	4.37	30	Pass
NVNT	n40	5755	Sum	6.32	0	6.32	30	Pass
NVNT	n40	5795	Ant1	1.15	0	1.15	30	Pass
NVNT	n40	5795	Ant2	4.8	0	4.8	30	Pass
NVNT	n40	5795	Sum	6.36	0	6.36	30	Pass
NVNT	ac20	5180	Ant1	7.34	0.5	7.84	24	Pass
NVNT	ac20	5200	Ant1	7.17	0.5	7.67	24	Pass
NVNT	ac20	5240	Ant1	7.03	0.34	7.37	24	Pass
NVNT	ac20	5745	Ant1	7.32	0.43	7.75	30	Pass
NVNT	ac20	5785	Ant1	7.3	0.3	7.6	30	Pass
NVNT	ac20	5825	Ant1	7.22	0.54	7.76	30	Pass
NVNT	ac20	5180	Ant2	7.2	0.34	7.54	24	Pass
NVNT	ac20	5200	Ant2	7.06	0.41	7.47	24	Pass
NVNT	ac20	5240	Ant2	7.37	0.45	7.82	24	Pass
NVNT	ac20	5745	Ant2	6.85	0.26	7.11	30	Pass
NVNT	ac20	5785	Ant2	6.88	0.3	7.18	30	Pass

NVNT	ac20	5825	Ant2	7.36	0.32	7.68	30	Pass
NVNT	ac20	5180	Ant1	2.95	0	2.95	24	Pass
NVNT	ac20	5180	Ant2	4.6	0	4.6	24	Pass
NVNT	ac20	5180	Sum	6.86	0	6.86	24	Pass
NVNT	ac20	5200	Ant1	1.86	0	1.86	24	Pass
NVNT	ac20	5200	Ant2	4.07	0	4.07	24	Pass
NVNT	ac20	5200	Sum	6.11	0	6.11	24	Pass
NVNT	ac20	5240	Ant1	0.32	0	0.32	24	Pass
NVNT	ac20	5240	Ant2	4.78	0	4.78	24	Pass
NVNT	ac20	5240	Sum	6.11	0	6.11	24	Pass
NVNT	ac20	5745	Ant1	1.08	0	1.08	30	Pass
NVNT	ac20	5745	Ant2	5.39	0	5.39	30	Pass
NVNT	ac20	5745	Sum	6.76	0	6.76	30	Pass
NVNT	ac20	5785	Ant1	1.15	0	1.15	30	Pass
NVNT	ac20	5785	Ant2	5.45	0	5.45	30	Pass
NVNT	ac20	5785	Sum	6.82	0	6.82	30	Pass
NVNT	ac20	5825	Ant1	0.12	0	0.12	30	Pass
NVNT	ac20	5825	Ant2	4.73	0	4.73	30	Pass
NVNT	ac20	5825	Sum	6.02	0	6.02	30	Pass
NVNT	ac40	5190	Ant1	5.01	1.03	6.04	24	Pass
NVNT	ac40	5230	Ant1	5.52	0.87	6.39	24	Pass
NVNT	ac40	5755	Ant1	6.13	0.66	6.79	30	Pass
NVNT	ac40	5795	Ant1	5.68	1.03	6.71	30	Pass
NVNT	ac40	5190	Ant2	5.33	0.87	6.2	24	Pass
NVNT	ac40	5230	Ant2	5.44	0.69	6.13	24	Pass
NVNT	ac40	5755	Ant2	6.08	0.56	6.64	30	Pass
NVNT	ac40	5795	Ant2	5.87	0.83	6.7	30	Pass
NVNT	ac40	5190	Ant1	2.79	0	2.79	24	Pass
NVNT	ac40	5190	Ant2	4.4	0	4.4	24	Pass
NVNT	ac40	5190	Sum	6.68	0	6.68	24	Pass
NVNT	ac40	5230	Ant1	1.63	0	1.63	24	Pass
NVNT	ac40	5230	Ant2	4.81	0	4.81	24	Pass
NVNT	ac40	5230	Sum	6.52	0	6.52	24	Pass
NVNT	ac40	5755	Ant1	1.86	0	1.86	30	Pass
NVNT	ac40	5755	Ant2	4.49	0	4.49	30	Pass
NVNT	ac40	5755	Sum	6.38	0	6.38	30	Pass
NVNT	ac40	5795	Ant1	0.98	0	0.98	30	Pass
NVNT	ac40	5795	Ant2	4.58	0	4.58	30	Pass
NVNT	ac40	5795	Sum	6.15	0	6.15	30	Pass

NVNT	ac80	5210	Ant1	-0.14	1.33	1.19	24	Pass
NVNT	ac80	5775	Ant1	-0.05	1.64	1.59	30	Pass
NVNT	ac80	5210	Ant2	0.68	1.14	1.82	24	Pass
NVNT	ac80	5775	Ant2	0.55	1.01	1.56	30	Pass
NVNT	ac80	5210	Ant1	-2.69	0	-2.69	24	Pass
NVNT	ac80	5210	Ant2	0.12	0	0.12	24	Pass
NVNT	ac80	5210	Sum	1.95	0	1.95	24	Pass
NVNT	ac80	5775	Ant1	-2.75	0	-2.75	30	Pass
NVNT	ac80	5775	Ant2	-0.25	0	-0.25	30	Pass
NVNT	ac80	5775	Sum	1.69	0	1.69	30	Pass

