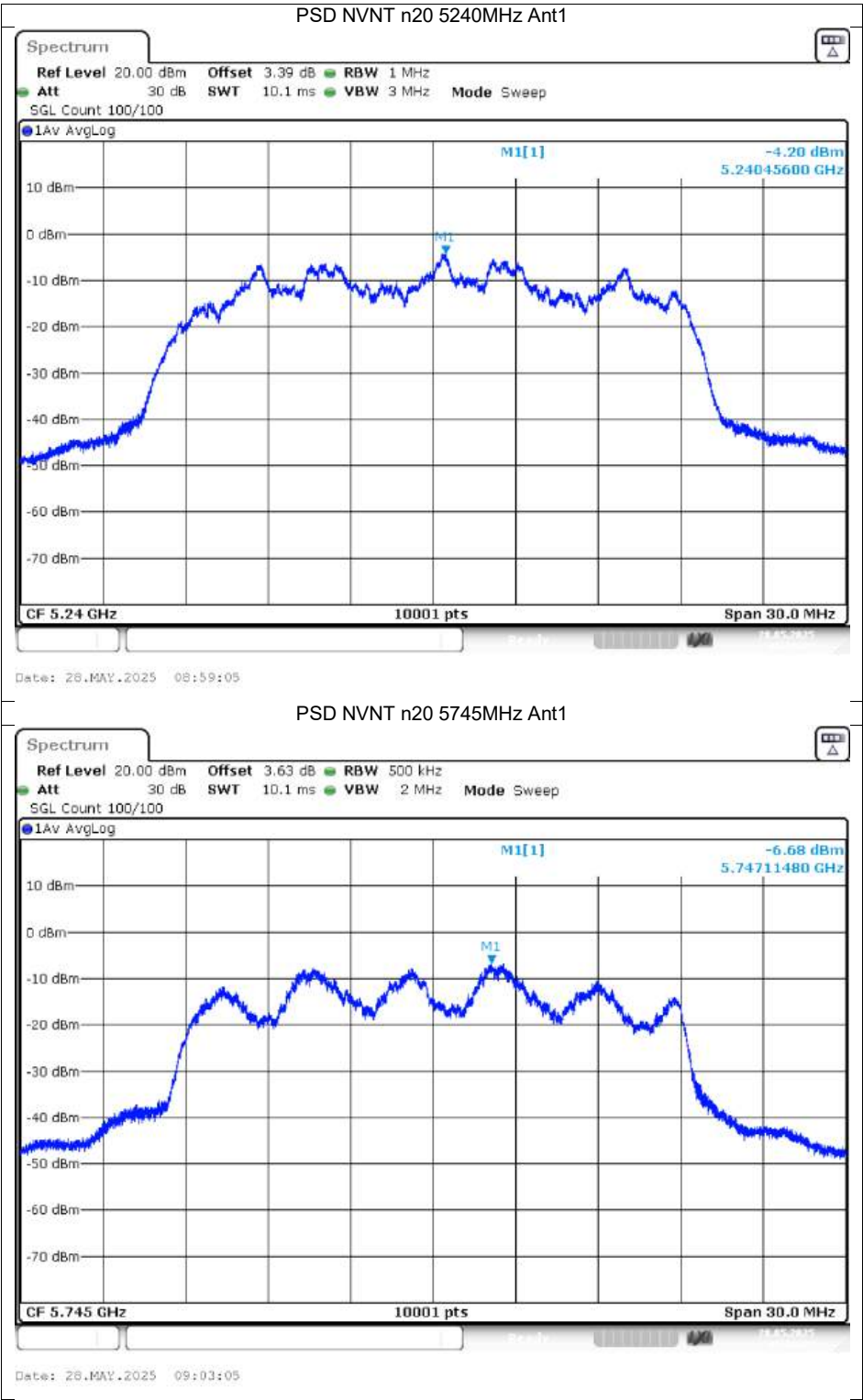
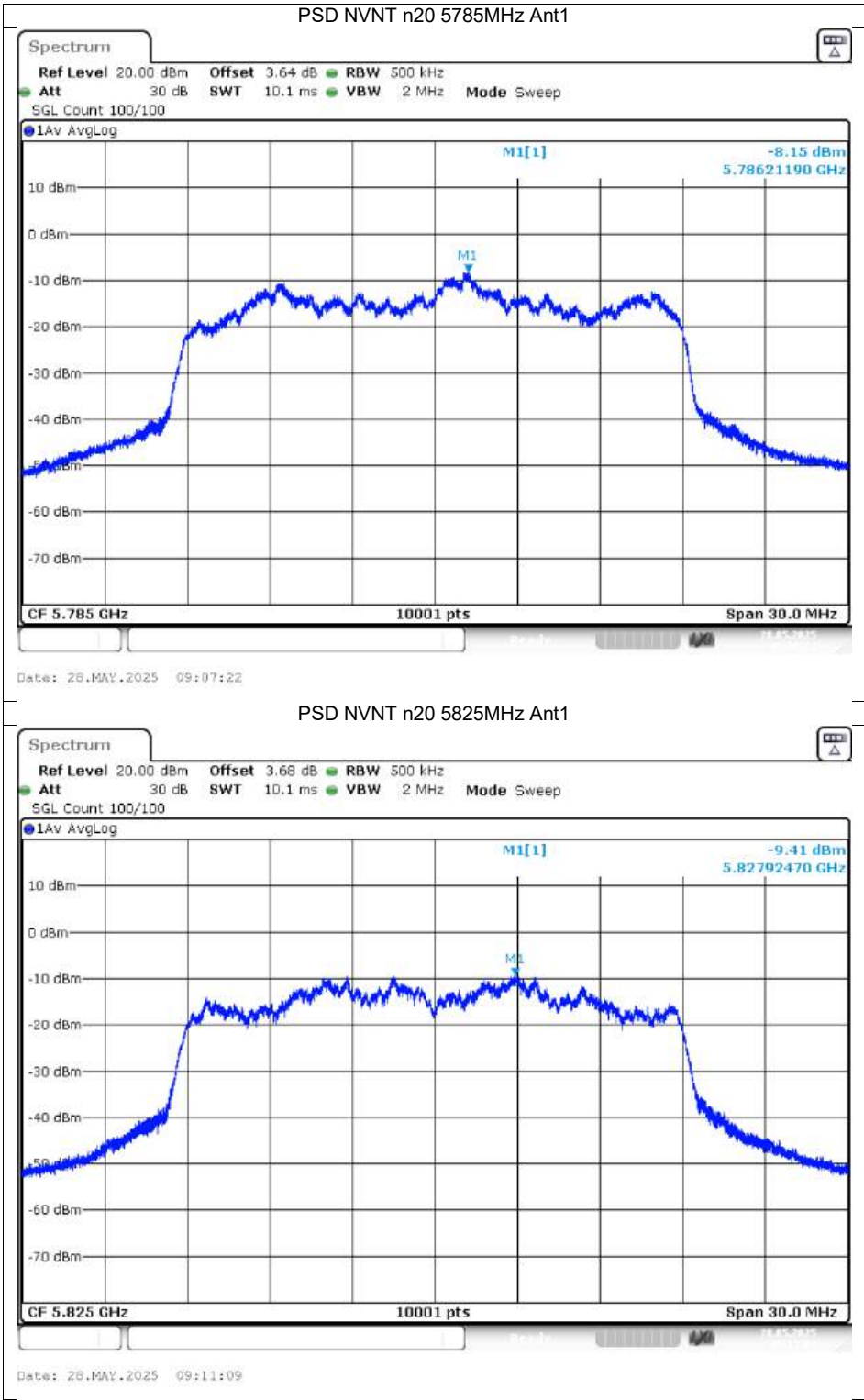
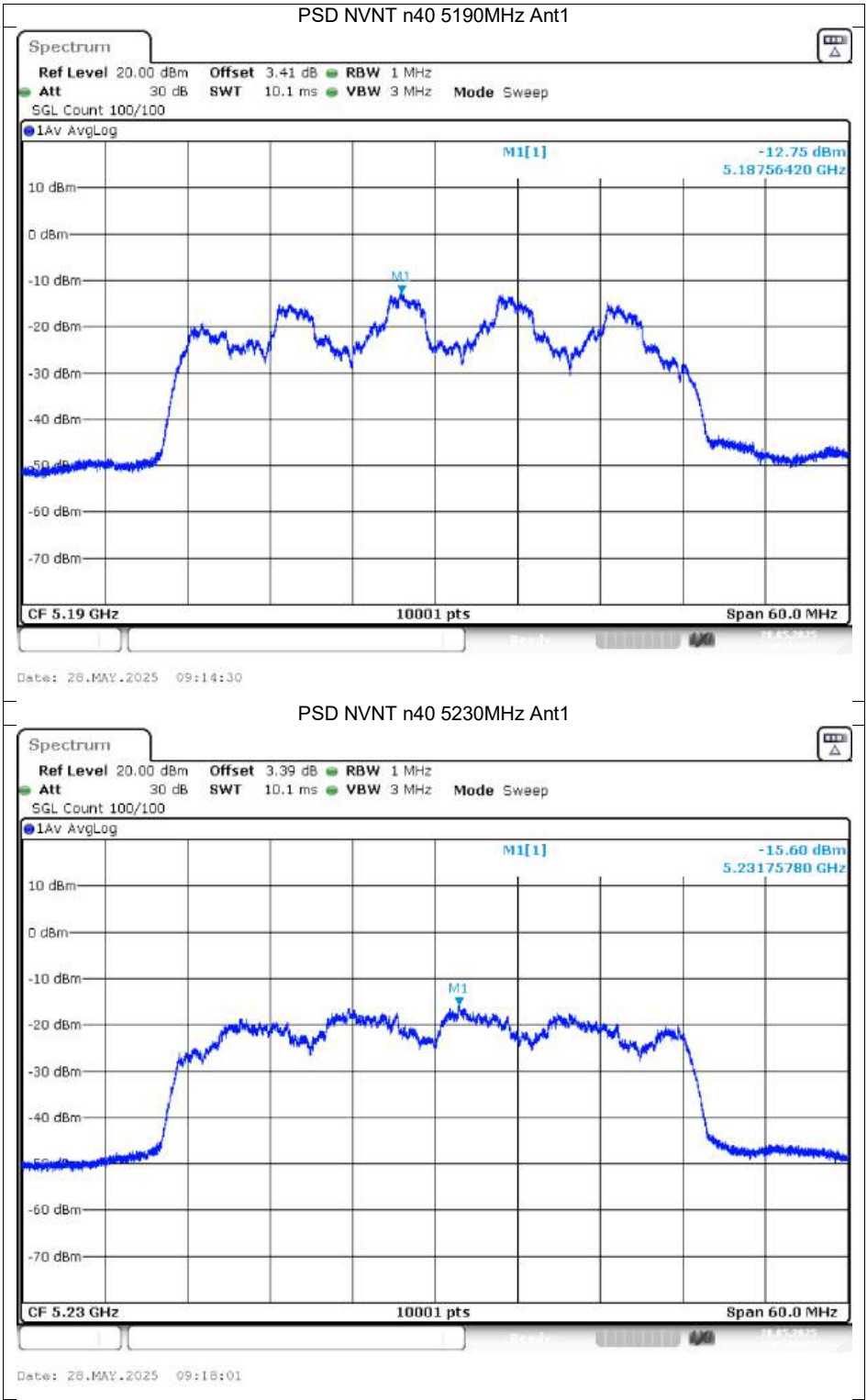
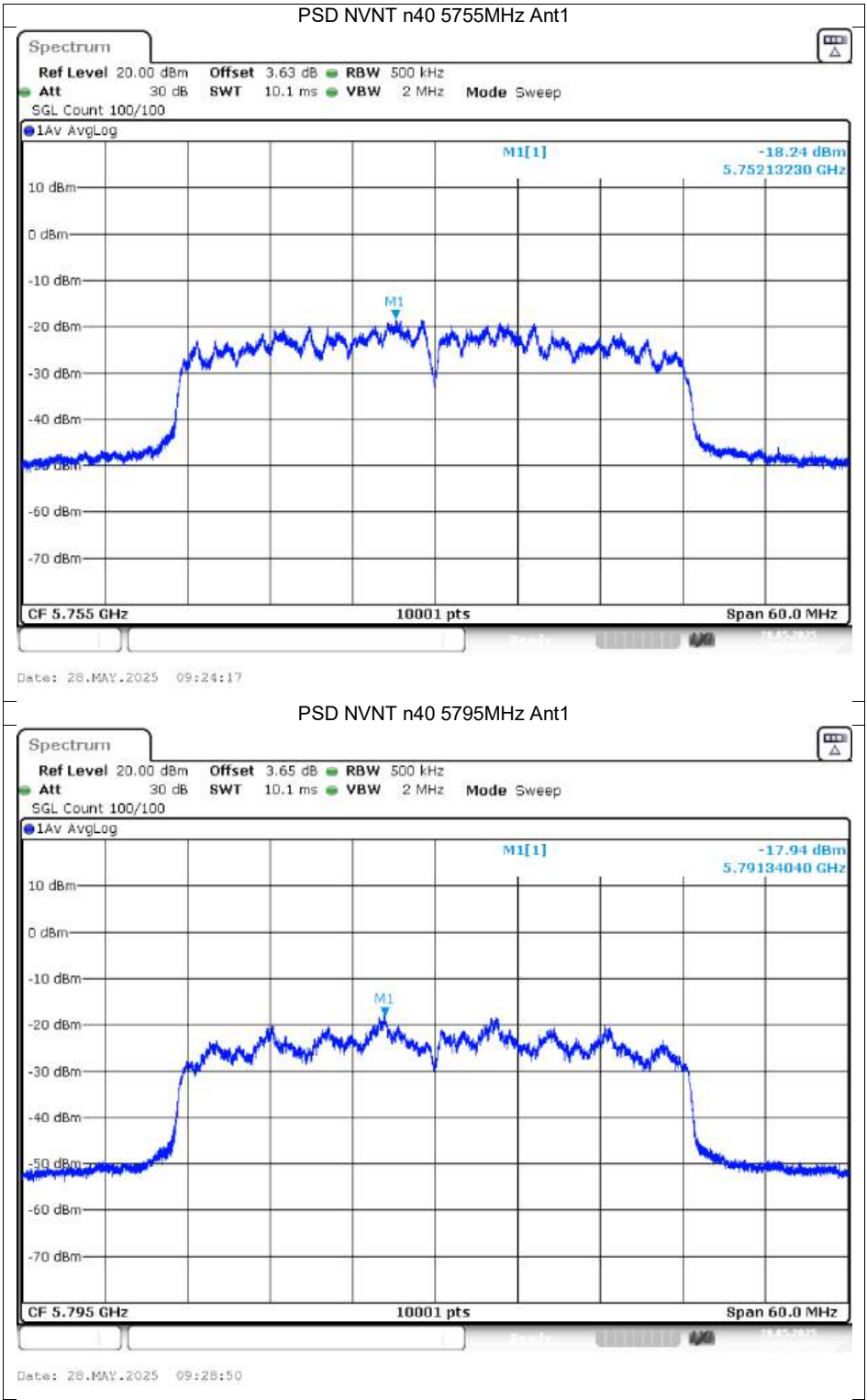






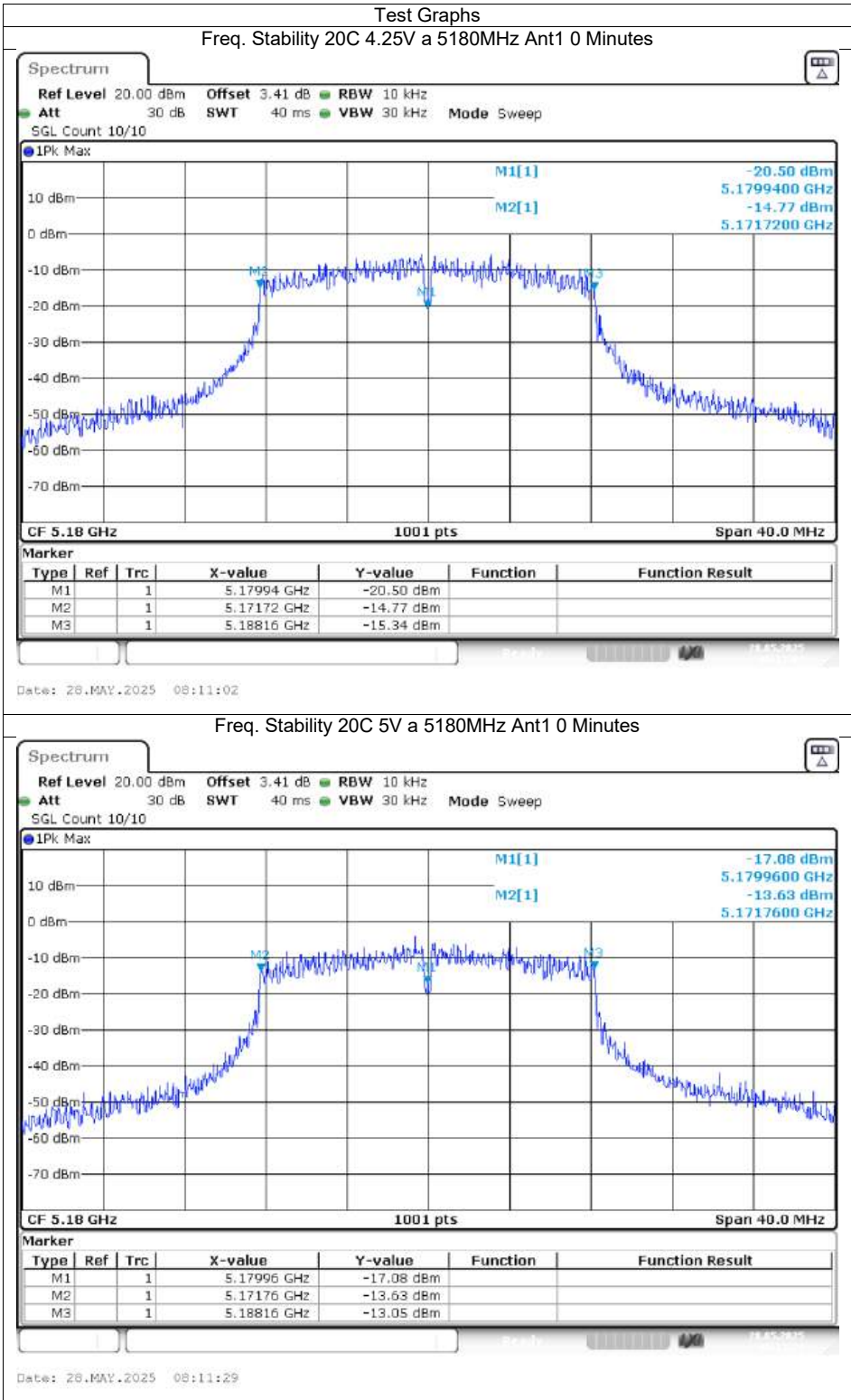


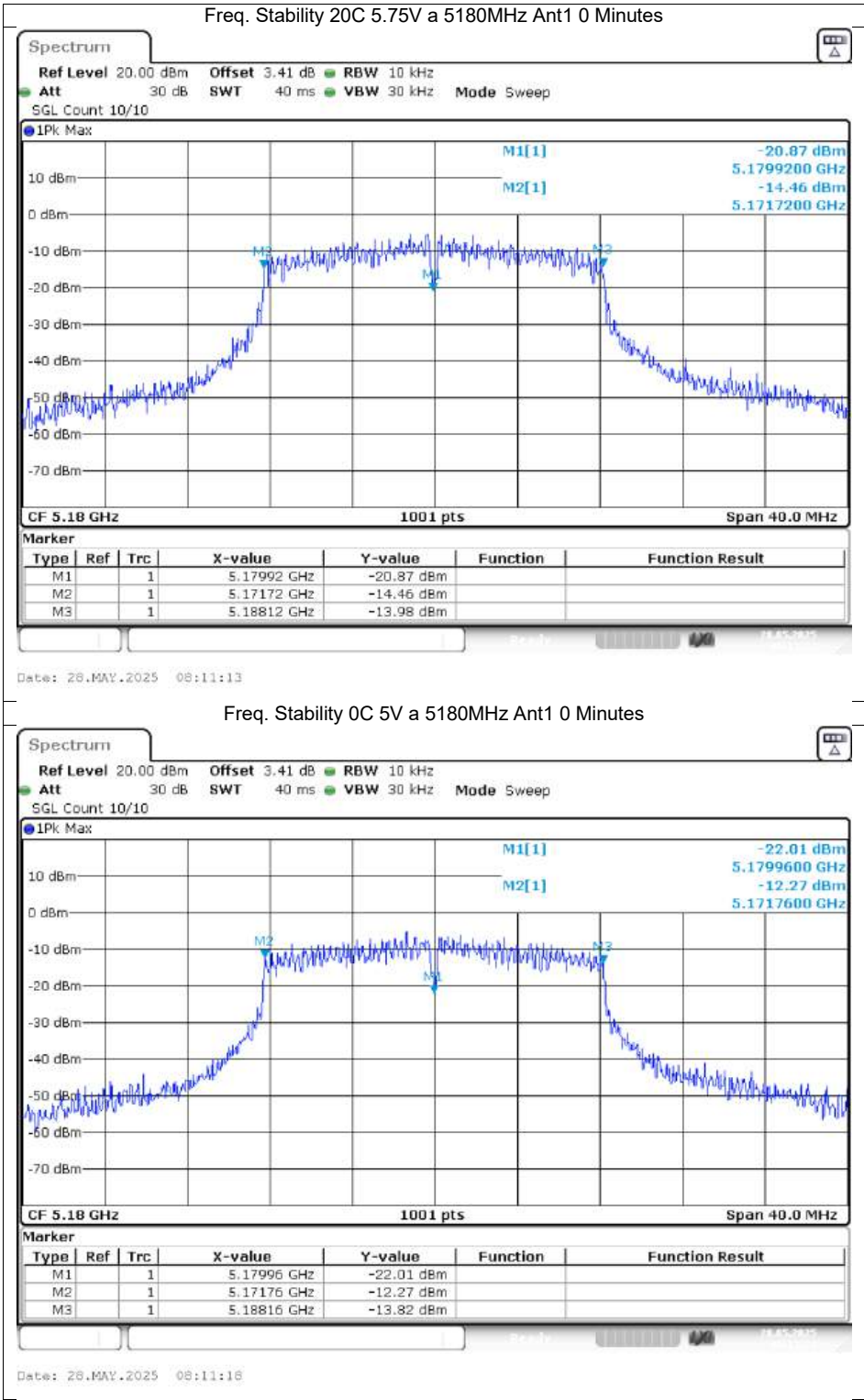


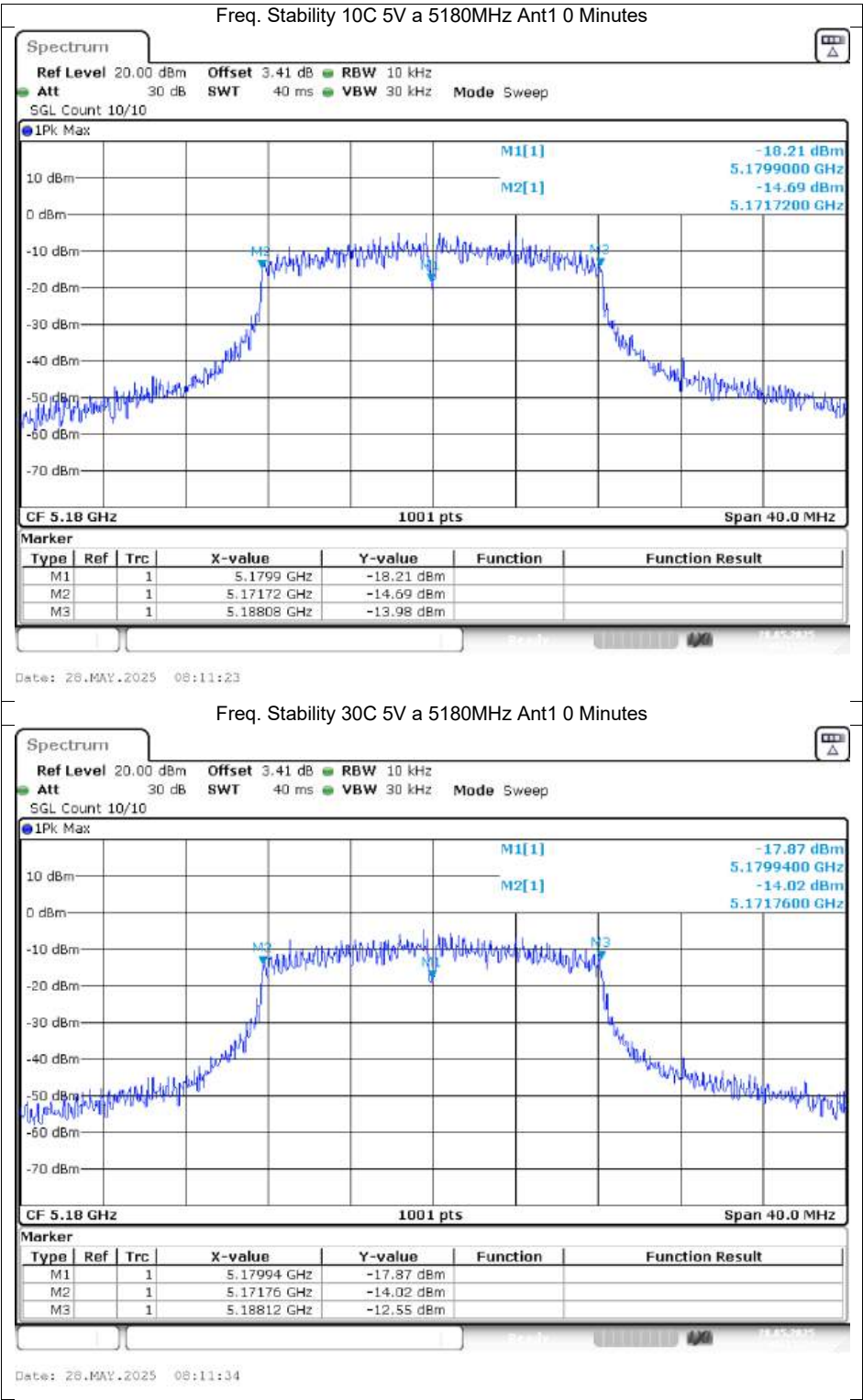
Frequency Stability

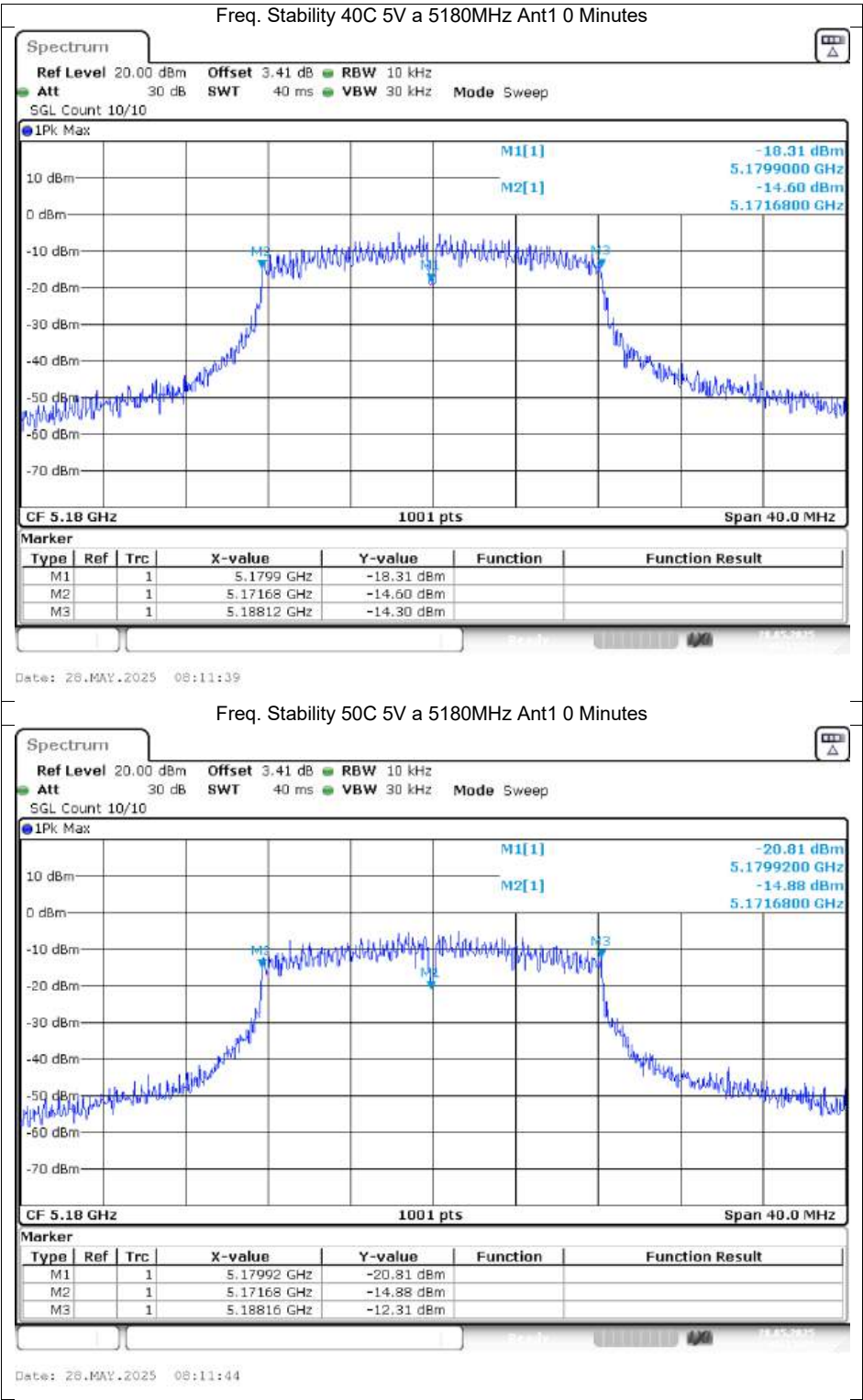
Condition	Mode	Time (mins)	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
20C 4.25V	a	0	5180	Ant1	5179.94	-60000	-11.58	25	Pass
20C 5V	a	0	5180	Ant1	5179.96	-40000	-7.72	25	Pass
20C 5.75V	a	0	5180	Ant1	5179.92	-80000	-15.44	25	Pass
0C 5V	a	0	5180	Ant1	5179.96	-40000	-7.72	25	Pass
10C 5V	a	0	5180	Ant1	5179.9	-100000	-19.31	25	Pass
30C 5V	a	0	5180	Ant1	5179.94	-60000	-11.58	25	Pass
40C 5V	a	0	5180	Ant1	5179.9	-100000	-19.31	25	Pass
50C 5V	a	0	5180	Ant1	5179.92	-80000	-15.44	25	Pass
20C 4.25V	a	0	5200	Ant1	5199.92	-80000	-15.38	25	Pass
20C 5V	a	0	5200	Ant1	5199.94	-60000	-11.54	25	Pass
20C 5.75V	a	0	5200	Ant1	5199.92	-80000	-15.38	25	Pass
0C 5V	a	0	5200	Ant1	5199.92	-80000	-15.38	25	Pass
10C 5V	a	0	5200	Ant1	5199.86	-140000	-26.92	25	Pass
30C 5V	a	0	5200	Ant1	5199.9	-100000	-19.23	25	Pass
40C 5V	a	0	5200	Ant1	5199.9	-100000	-19.23	25	Pass
50C 5V	a	0	5200	Ant1	5199.9	-100000	-19.23	25	Pass
20C 4.25V	a	0	5240	Ant1	5239.94	-60000	-11.45	25	Pass
20C 5V	a	0	5240	Ant1	5239.92	-80000	-15.27	25	Pass
20C 5.75V	a	0	5240	Ant1	5239.94	-60000	-11.45	25	Pass
0C 5V	a	0	5240	Ant1	5239.92	-80000	-15.27	25	Pass
10C 5V	a	0	5240	Ant1	5239.94	-60000	-11.45	25	Pass
30C 5V	a	0	5240	Ant1	5239.92	-80000	-15.27	25	Pass
40C 5V	a	0	5240	Ant1	5239.92	-80000	-15.27	25	Pass
50C 5V	a	0	5240	Ant1	5239.9	-100000	-19.08	25	Pass
20C 4.25V	a	0	5745	Ant1	5744.9	-100000	-17.41	25	Pass
20C 5V	a	0	5745	Ant1	5744.92	-80000	-13.93	25	Pass
20C 5.75V	a	0	5745	Ant1	5744.9	-100000	-17.41	25	Pass
0C 5V	a	0	5745	Ant1	5744.9	-100000	-17.41	25	Pass
10C 5V	a	0	5745	Ant1	5744.92	-80000	-13.93	25	Pass
30C 5V	a	0	5745	Ant1	5744.88	-120000	-20.89	25	Pass
40C 5V	a	0	5745	Ant1	5744.9	-100000	-17.41	25	Pass
50C 5V	a	0	5745	Ant1	5744.92	-80000	-13.93	25	Pass
20C 4.25V	a	0	5785	Ant1	5784.9	-100000	-17.29	25	Pass
20C 5V	a	0	5785	Ant1	5784.94	-60000	-10.37	25	Pass
20C 5.75V	a	0	5785	Ant1	5784.9	-100000	-17.29	25	Pass
0C 5V	a	0	5785	Ant1	5784.92	-80000	-13.83	25	Pass
10C 5V	a	0	5785	Ant1	5784.9	-100000	-17.29	25	Pass
30C 5V	a	0	5785	Ant1	5784.9	-100000	-17.29	25	Pass
40C 5V	a	0	5785	Ant1	5784.92	-80000	-13.83	25	Pass
50C 5V	a	0	5785	Ant1	5784.9	-100000	-17.29	25	Pass
20C 4.25V	a	0	5825	Ant1	5824.92	-80000	-13.73	25	Pass
20C 5V	a	0	5825	Ant1	5824.88	-120000	-20.6	25	Pass
20C 5.75V	a	0	5825	Ant1	5824.9	-100000	-17.17	25	Pass
0C 5V	a	0	5825	Ant1	5824.92	-80000	-13.73	25	Pass
10C 5V	a	0	5825	Ant1	5824.94	-60000	-10.3	25	Pass
30C 5V	a	0	5825	Ant1	5824.92	-80000	-13.73	25	Pass
40C 5V	a	0	5825	Ant1	5824.9	-100000	-17.17	25	Pass
50C 5V	a	0	5825	Ant1	5824.92	-80000	-13.73	25	Pass
20C 4.25V	n20	0	5180	Ant1	5179.94	-60000	-11.58	25	Pass
20C 5V	n20	0	5180	Ant1	5179.96	-40000	-7.72	25	Pass
20C 5.75V	n20	0	5180	Ant1	5179.96	-40000	-7.72	25	Pass
0C 5V	n20	0	5180	Ant1	5179.96	-40000	-7.72	25	Pass
10C 5V	n20	0	5180	Ant1	5179.92	-80000	-15.44	25	Pass
30C 5V	n20	0	5180	Ant1	5179.94	-60000	-11.58	25	Pass
40C 5V	n20	0	5180	Ant1	5179.9	-100000	-19.31	25	Pass
50C 5V	n20	0	5180	Ant1	5179.9	-100000	-19.31	25	Pass
20C 4.25V	n20	0	5200	Ant1	5199.96	-40000	-7.69	25	Pass
20C 5V	n20	0	5200	Ant1	5199.9	-100000	-19.23	25	Pass
20C 5.75V	n20	0	5200	Ant1	5199.98	-20000	-3.85	25	Pass
0C 5V	n20	0	5200	Ant1	5199.94	-60000	-11.54	25	Pass
10C 5V	n20	0	5200	Ant1	5199.9	-100000	-19.23	25	Pass
30C 5V	n20	0	5200	Ant1	5199.92	-80000	-15.38	25	Pass
40C 5V	n20	0	5200	Ant1	5199.94	-60000	-11.54	25	Pass
50C 5V	n20	0	5200	Ant1	5199.92	-80000	-15.38	25	Pass
20C 4.25V	n20	0	5240	Ant1	5239.96	-40000	-7.63	25	Pass
20C 5V	n20	0	5240	Ant1	5239.94	-60000	-11.45	25	Pass
20C 5.75V	n20	0	5240	Ant1	5239.92	-80000	-15.27	25	Pass
0C 5V	n20	0	5240	Ant1	5239.96	-40000	-7.63	25	Pass
10C 5V	n20	0	5240	Ant1	5239.92	-80000	-15.27	25	Pass

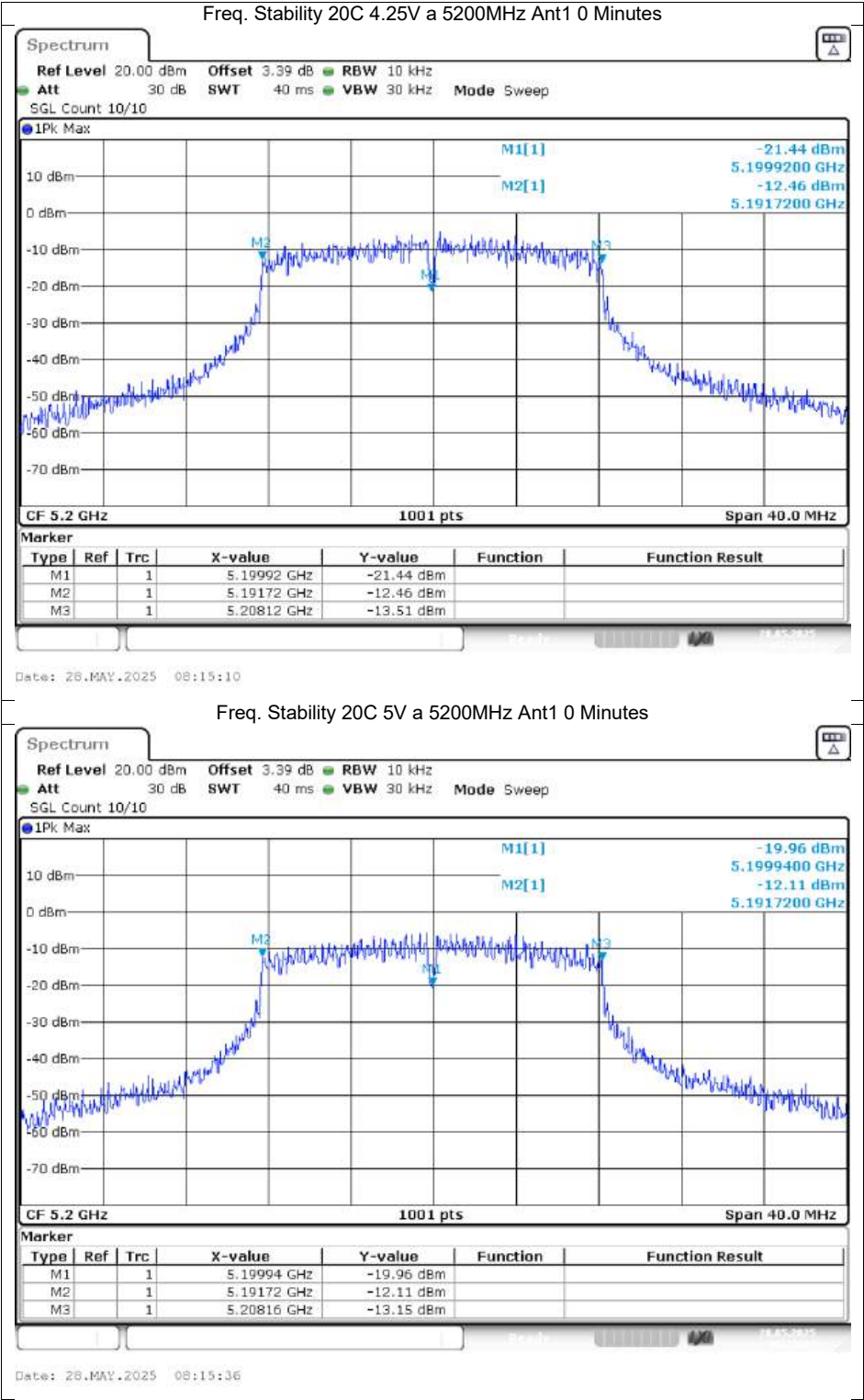
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40C 5V	n20	0	5240	Ant1	5239.9	-100000	-19.08	25	Pass
50C 5V	n20	0	5240	Ant1	5239.9	-100000	-19.08	25	Pass
20C 4.25V	n20	0	5745	Ant1	5744.94	-60000	-10.44	25	Pass
20C 5V	n20	0	5745	Ant1	5744.92	-80000	-13.93	25	Pass
20C 5.75V	n20	0	5745	Ant1	5744.94	-60000	-10.44	25	Pass
0C 5V	n20	0	5745	Ant1	5744.9	-100000	-17.41	25	Pass
10C 5V	n20	0	5745	Ant1	5744.9	-100000	-17.41	25	Pass
30C 5V	n20	0	5745	Ant1	5744.94	-60000	-10.44	25	Pass
40C 5V	n20	0	5745	Ant1	5744.92	-80000	-13.93	25	Pass
50C 5V	n20	0	5745	Ant1	5744.96	-40000	-6.96	25	Pass
20C 4.25V	n20	0	5785	Ant1	5784.94	-60000	-10.37	25	Pass
20C 5V	n20	0	5785	Ant1	5784.96	-40000	-6.91	25	Pass
20C 5.75V	n20	0	5785	Ant1	5784.9	-100000	-17.29	25	Pass
0C 5V	n20	0	5785	Ant1	5784.96	-40000	-6.91	25	Pass
10C 5V	n20	0	5785	Ant1	5784.92	-80000	-13.83	25	Pass
30C 5V	n20	0	5785	Ant1	5784.94	-60000	-10.37	25	Pass
40C 5V	n20	0	5785	Ant1	5784.94	-60000	-10.37	25	Pass
50C 5V	n20	0	5785	Ant1	5784.94	-60000	-10.37	25	Pass
20C 4.25V	n20	0	5825	Ant1	5824.9	-100000	-17.17	25	Pass
20C 5V	n20	0	5825	Ant1	5824.88	-120000	-20.6	25	Pass
20C 5.75V	n20	0	5825	Ant1	5824.92	-80000	-13.73	25	Pass
0C 5V	n20	0	5825	Ant1	5824.9	-100000	-17.17	25	Pass
10C 5V	n20	0	5825	Ant1	5824.88	-120000	-20.6	25	Pass
30C 5V	n20	0	5825	Ant1	5824.88	-120000	-20.6	25	Pass
40C 5V	n20	0	5825	Ant1	5824.92	-80000	-13.73	25	Pass
50C 5V	n20	0	5825	Ant1	5824.92	-80000	-13.73	25	Pass
20C 4.25V	n40	0	5190	Ant1	5190.24	240000	46.24	25	Pass
20C 5V	n40	0	5190	Ant1	5190.12	120000	23.12	25	Pass
20C 5.75V	n40	0	5190	Ant1	5190.72	720000	138.73	25	Pass
0C 5V	n40	0	5190	Ant1	5189.96	-40000	-7.71	25	Pass
10C 5V	n40	0	5190	Ant1	5190.12	120000	23.12	25	Pass
30C 5V	n40	0	5190	Ant1	5190	0	0	25	Pass
40C 5V	n40	0	5190	Ant1	5190	0	0	25	Pass
50C 5V	n40	0	5190	Ant1	5189.96	-40000	-7.71	25	Pass
20C 4.25V	n40	0	5230	Ant1	5229.96	-40000	-7.65	25	Pass
20C 5V	n40	0	5230	Ant1	5229.8	-200000	-38.24	25	Pass
20C 5.75V	n40	0	5230	Ant1	5230.08	80000	15.3	25	Pass
0C 5V	n40	0	5230	Ant1	5230	0	0	25	Pass
10C 5V	n40	0	5230	Ant1	5229.96	-40000	-7.65	25	Pass
30C 5V	n40	0	5230	Ant1	5229.96	-40000	-7.65	25	Pass
40C 5V	n40	0	5230	Ant1	5229.96	-40000	-7.65	25	Pass
50C 5V	n40	0	5230	Ant1	5229.96	-40000	-7.65	25	Pass
20C 4.25V	n40	0	5755	Ant1	5754.68	-320000	-55.6	25	Pass
20C 5V	n40	0	5755	Ant1	5754.64	-360000	-62.55	25	Pass
20C 5.75V	n40	0	5755	Ant1	5754.84	-160000	-27.8	25	Pass
0C 5V	n40	0	5755	Ant1	5754.68	-320000	-55.6	25	Pass
10C 5V	n40	0	5755	Ant1	5753.72	-1280000	-222.42	25	Pass
30C 5V	n40	0	5755	Ant1	5755	0	0	25	Pass
40C 5V	n40	0	5755	Ant1	5753.6	-1400000	-243.27	25	Pass
50C 5V	n40	0	5755	Ant1	5754.96	-40000	-6.95	25	Pass
20C 4.25V	n40	0	5795	Ant1	5795.28	280000	48.32	25	Pass
20C 5V	n40	0	5795	Ant1	5794.64	-360000	-62.12	25	Pass
20C 5.75V	n40	0	5795	Ant1	5794.92	-80000	-13.81	25	Pass
0C 5V	n40	0	5795	Ant1	5794.92	-80000	-13.81	25	Pass
10C 5V	n40	0	5795	Ant1	5794.96	-40000	-6.9	25	Pass
30C 5V	n40	0	5795	Ant1	5794.76	-240000	-41.42	25	Pass
40C 5V	n40	0	5795	Ant1	5794.64	-360000	-62.12	25	Pass
50C 5V	n40	0	5795	Ant1	5795.08	80000	13.81	25	Pass

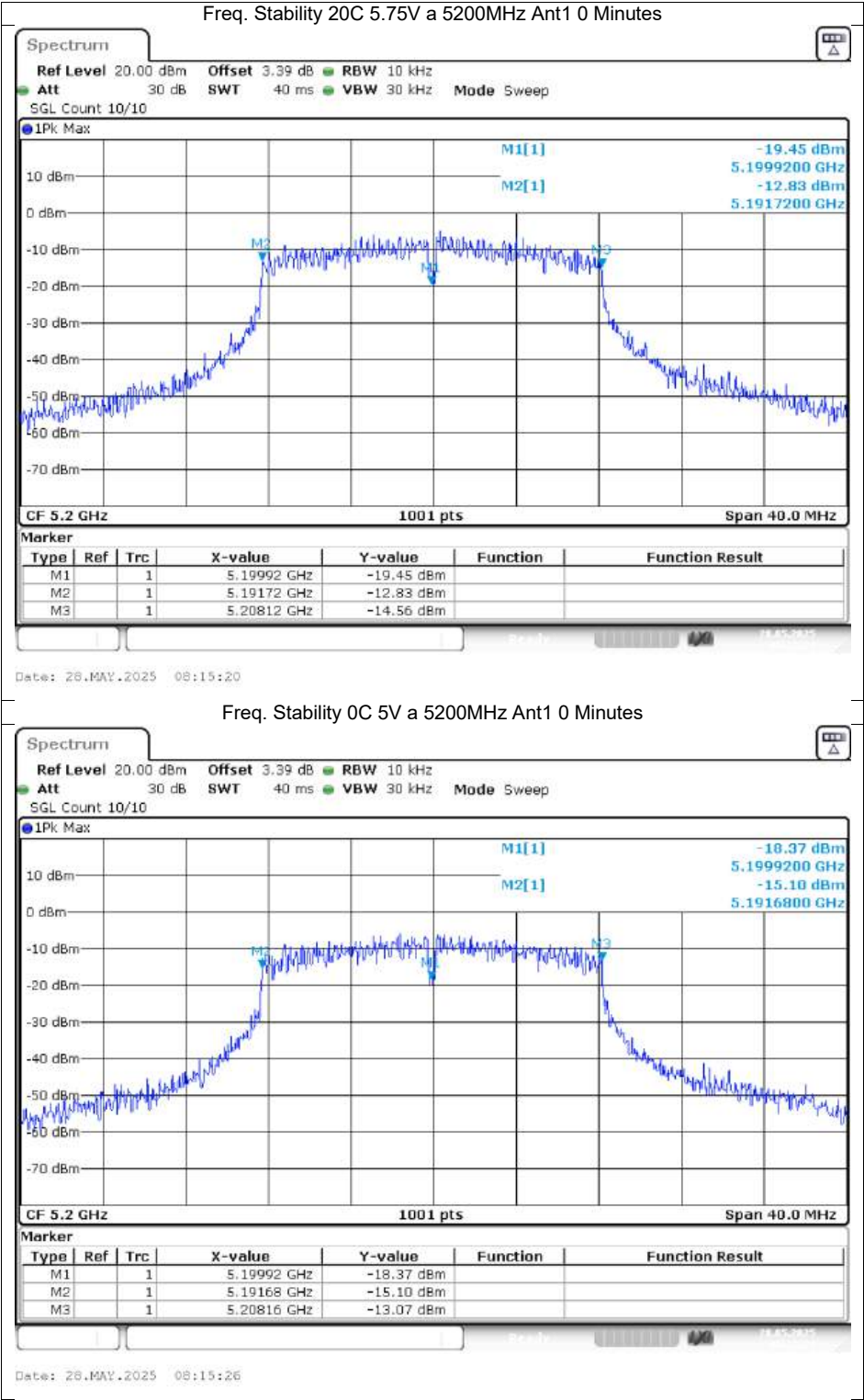


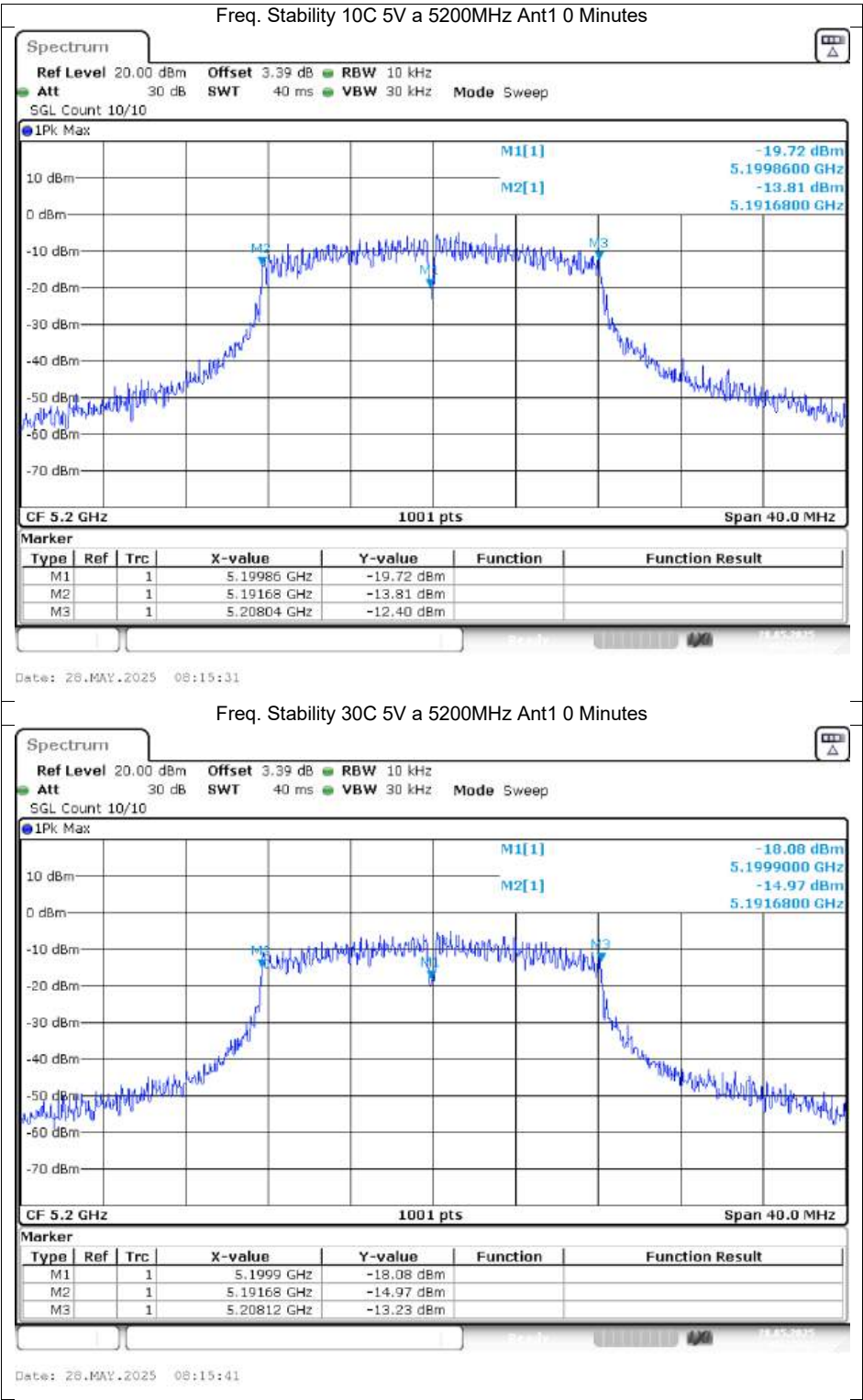


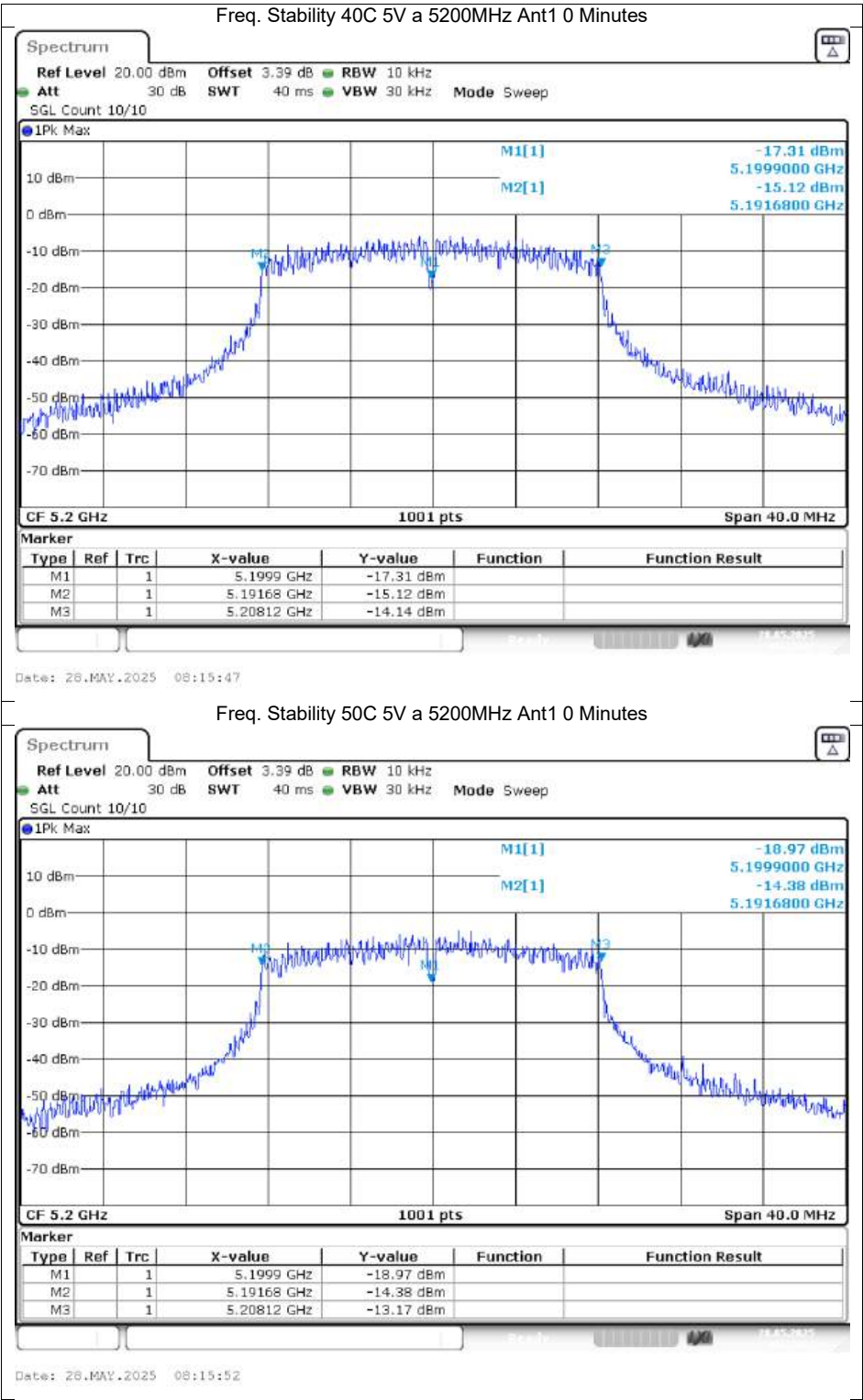


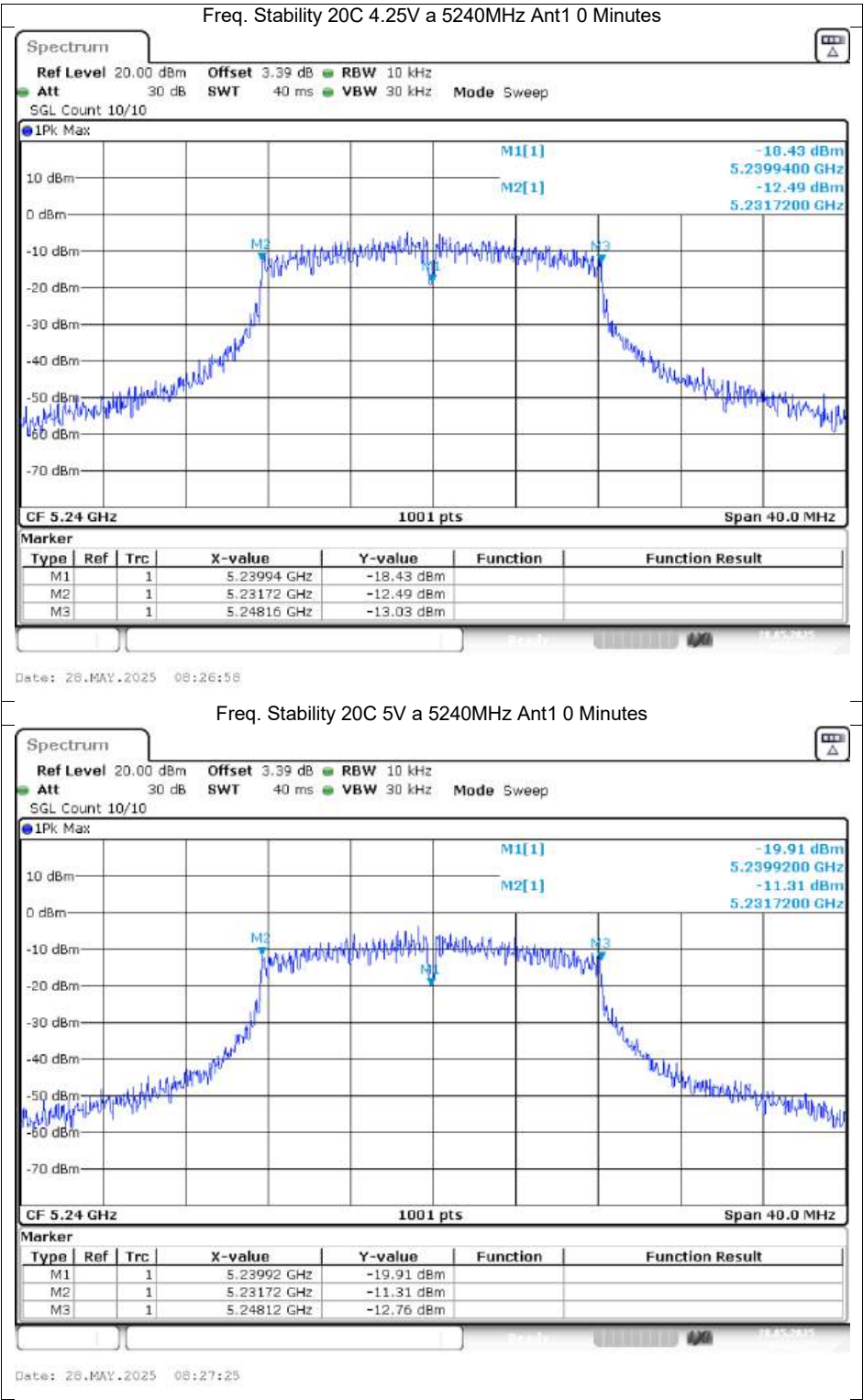


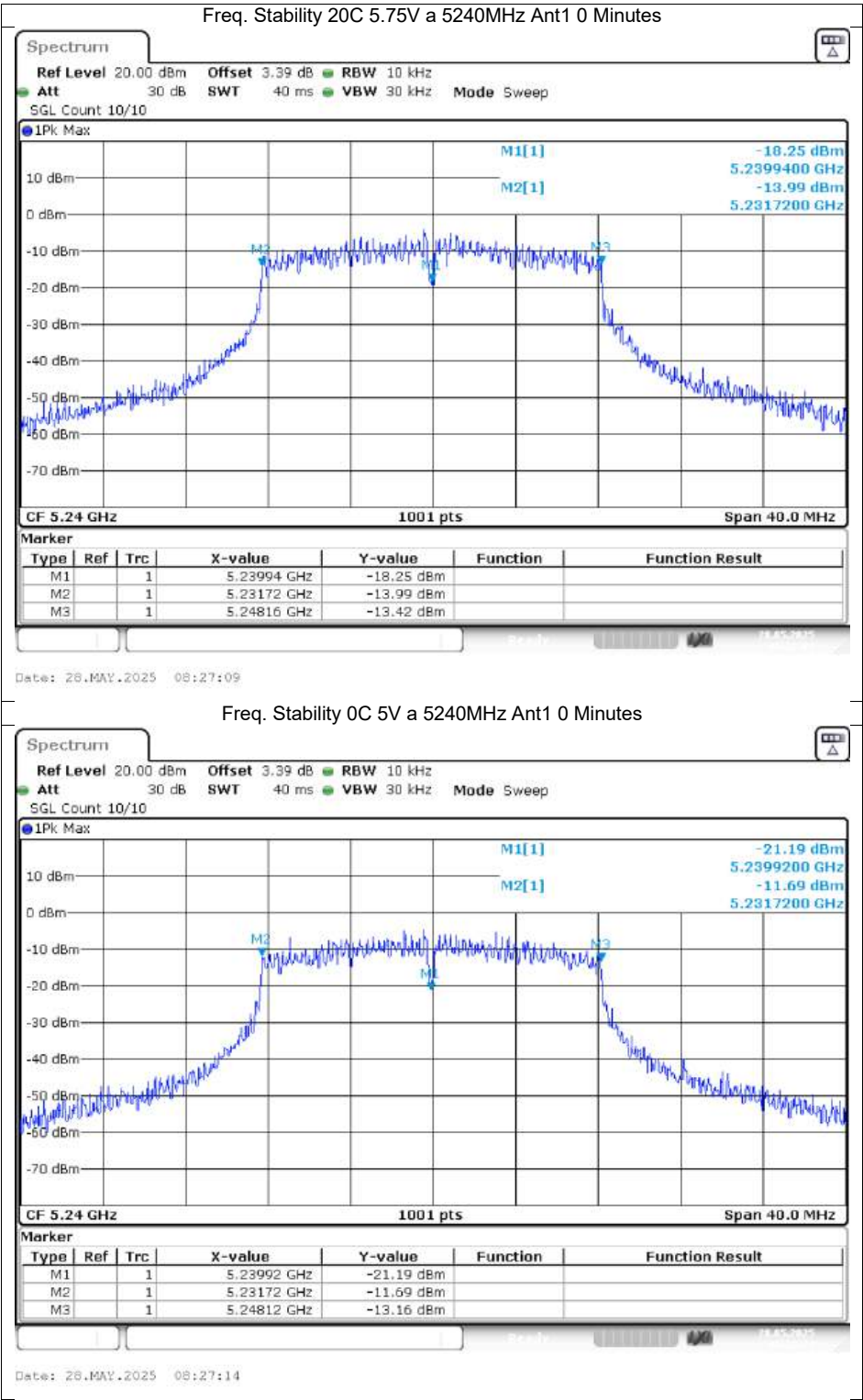


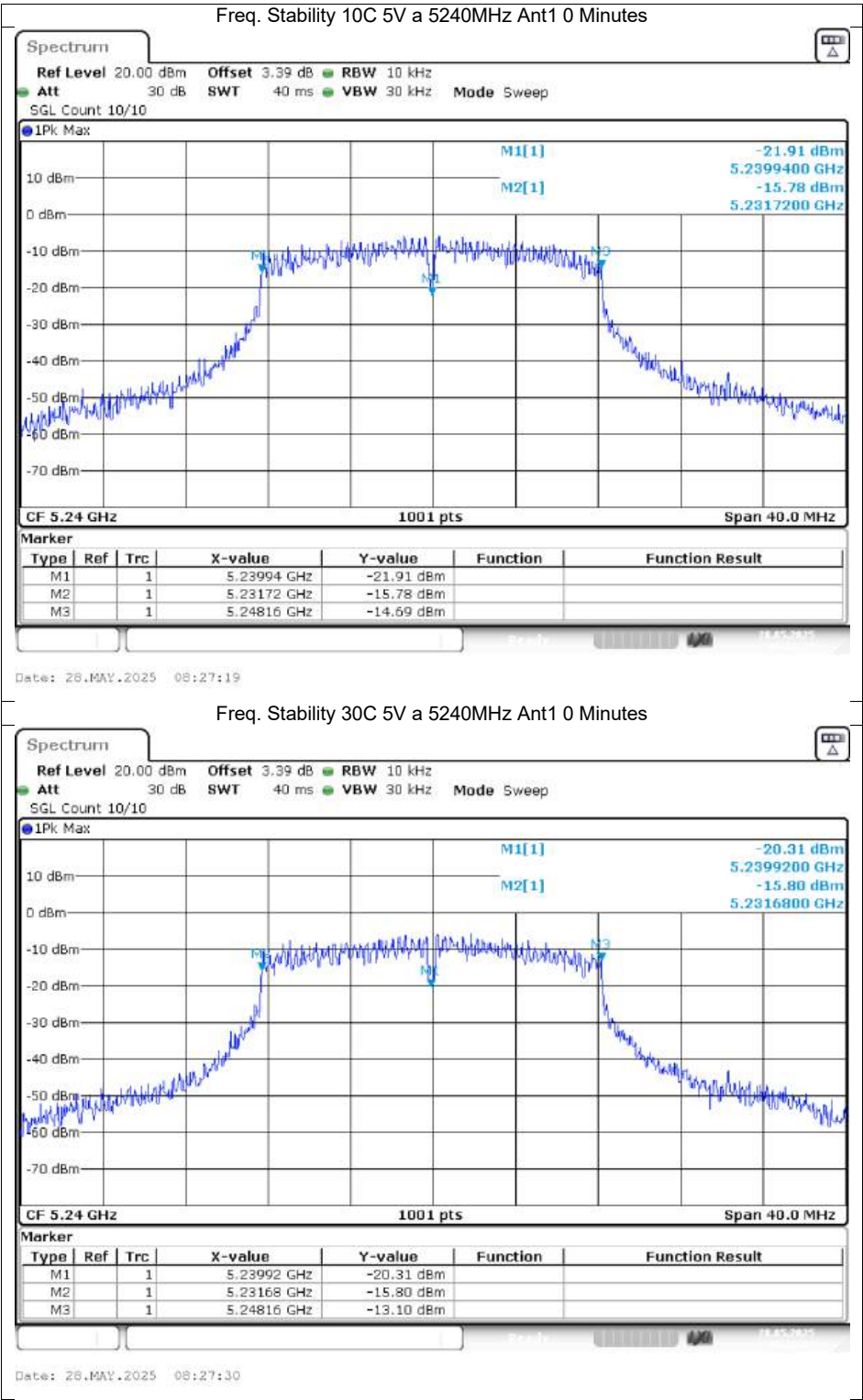


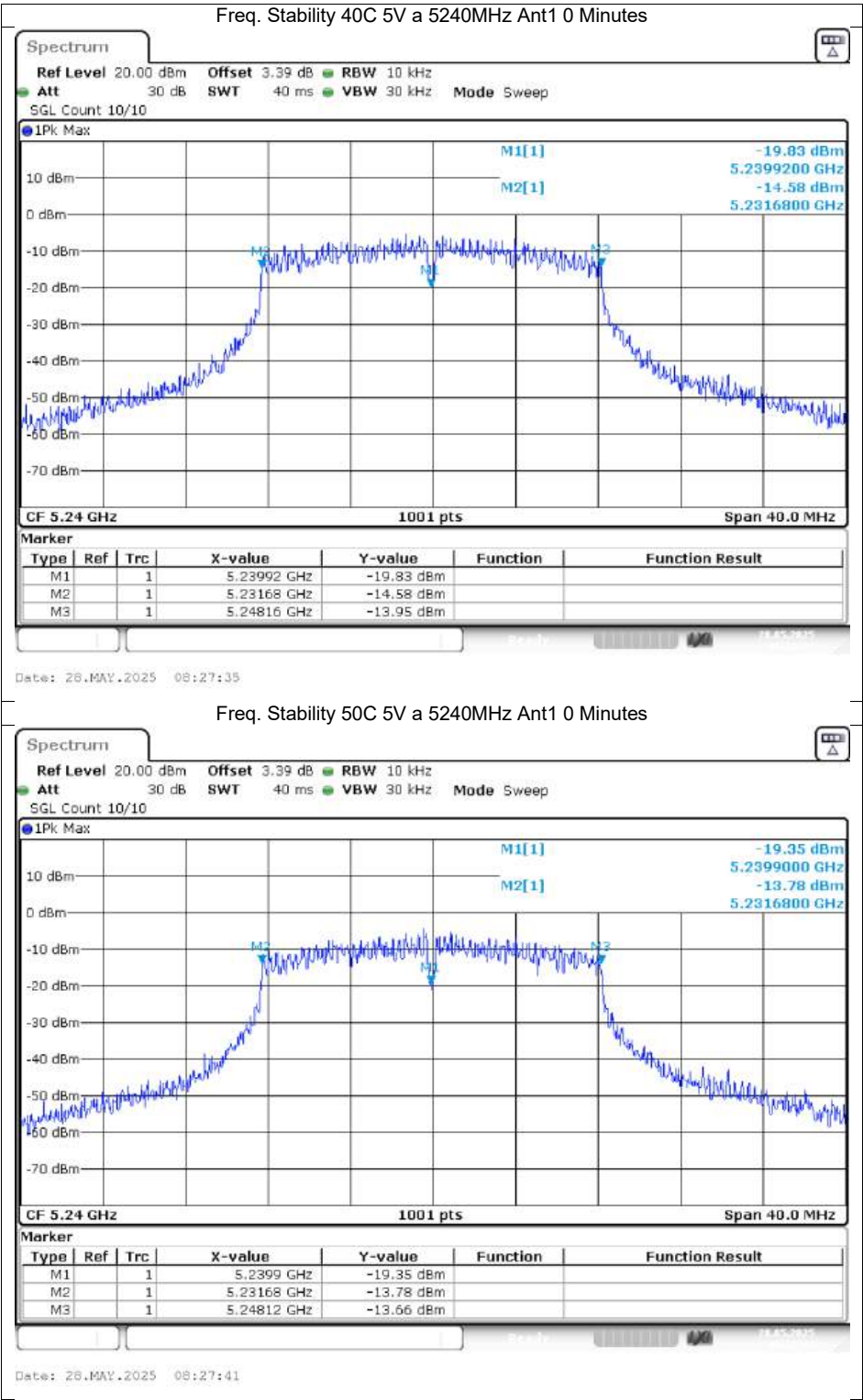


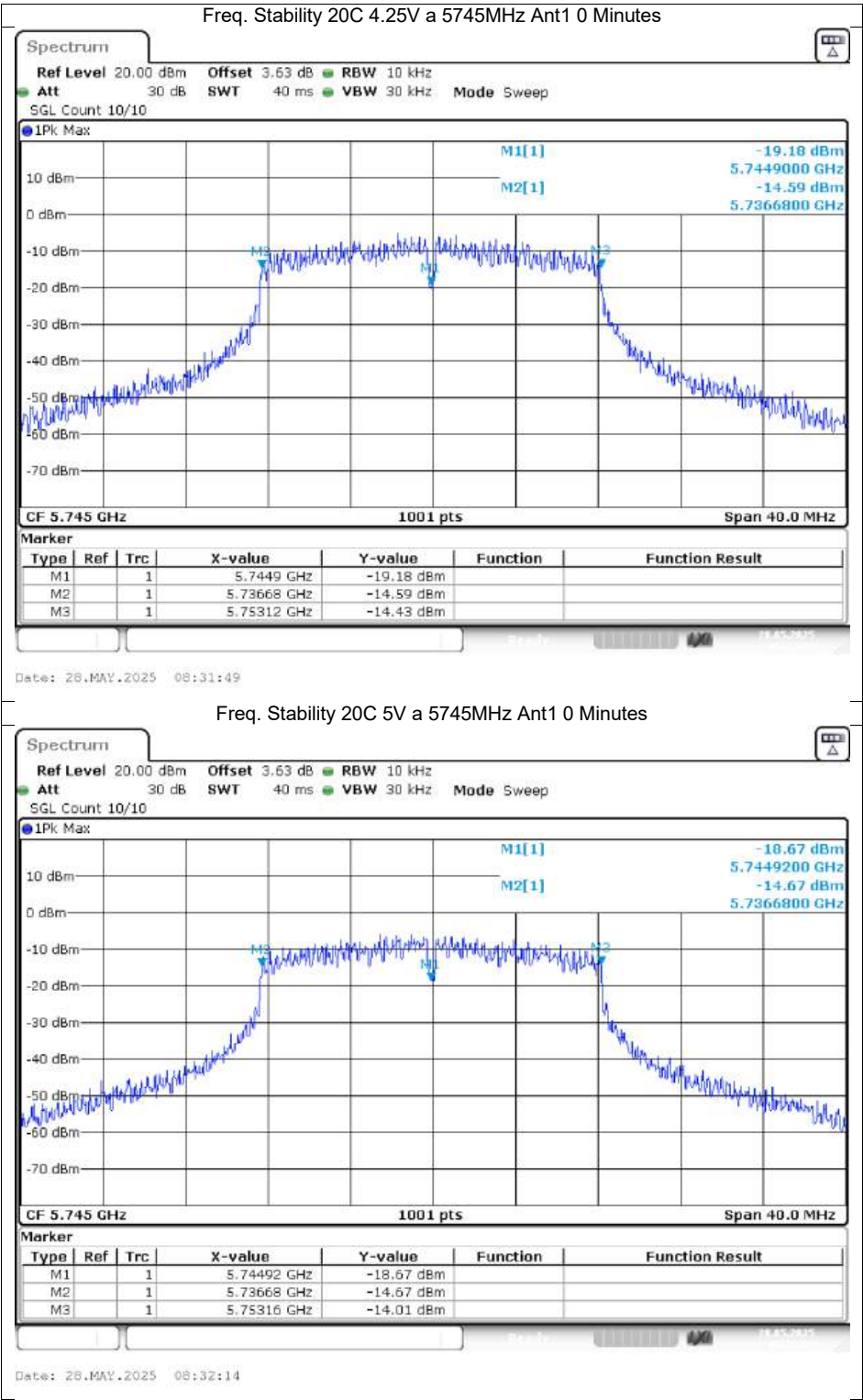


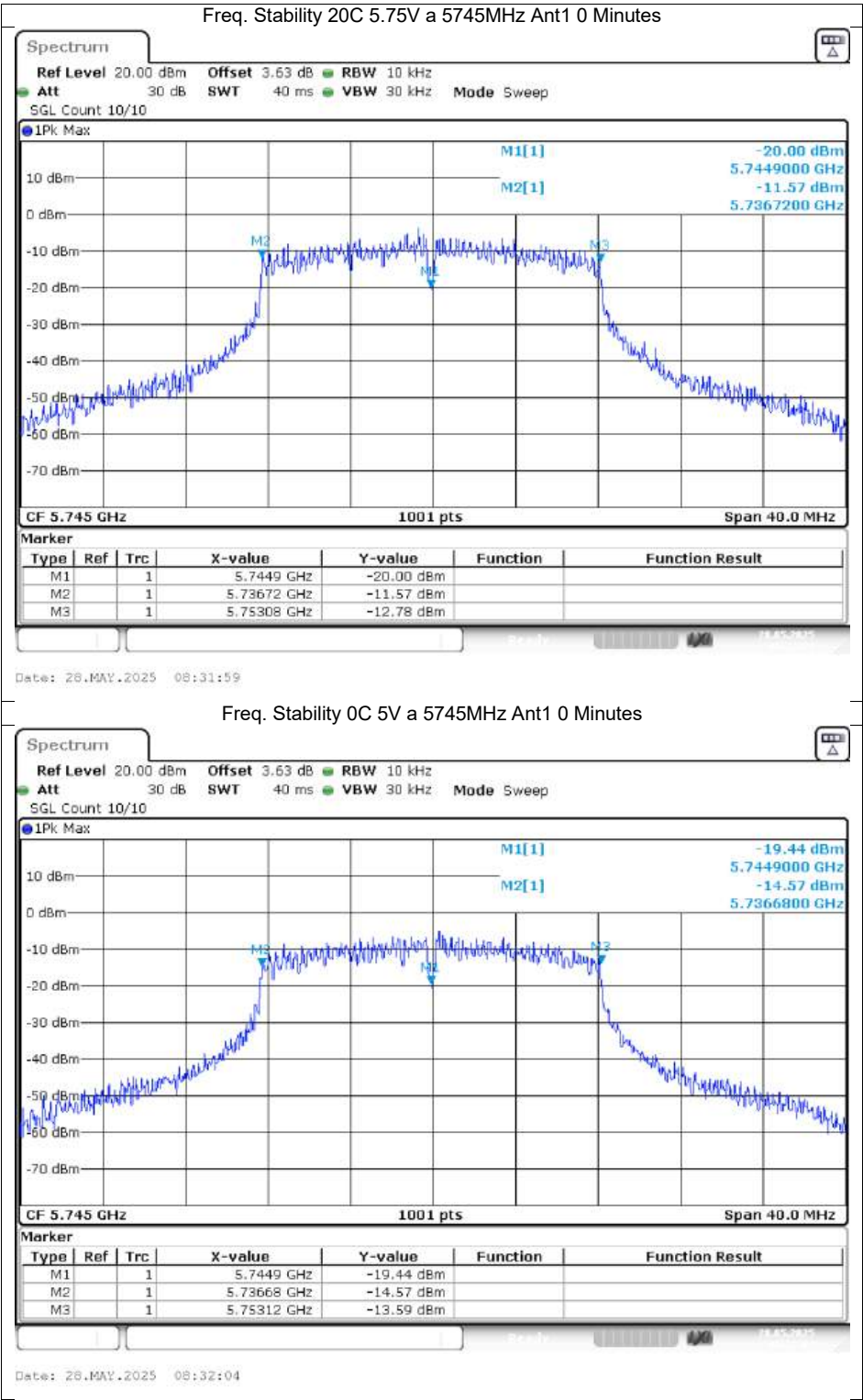


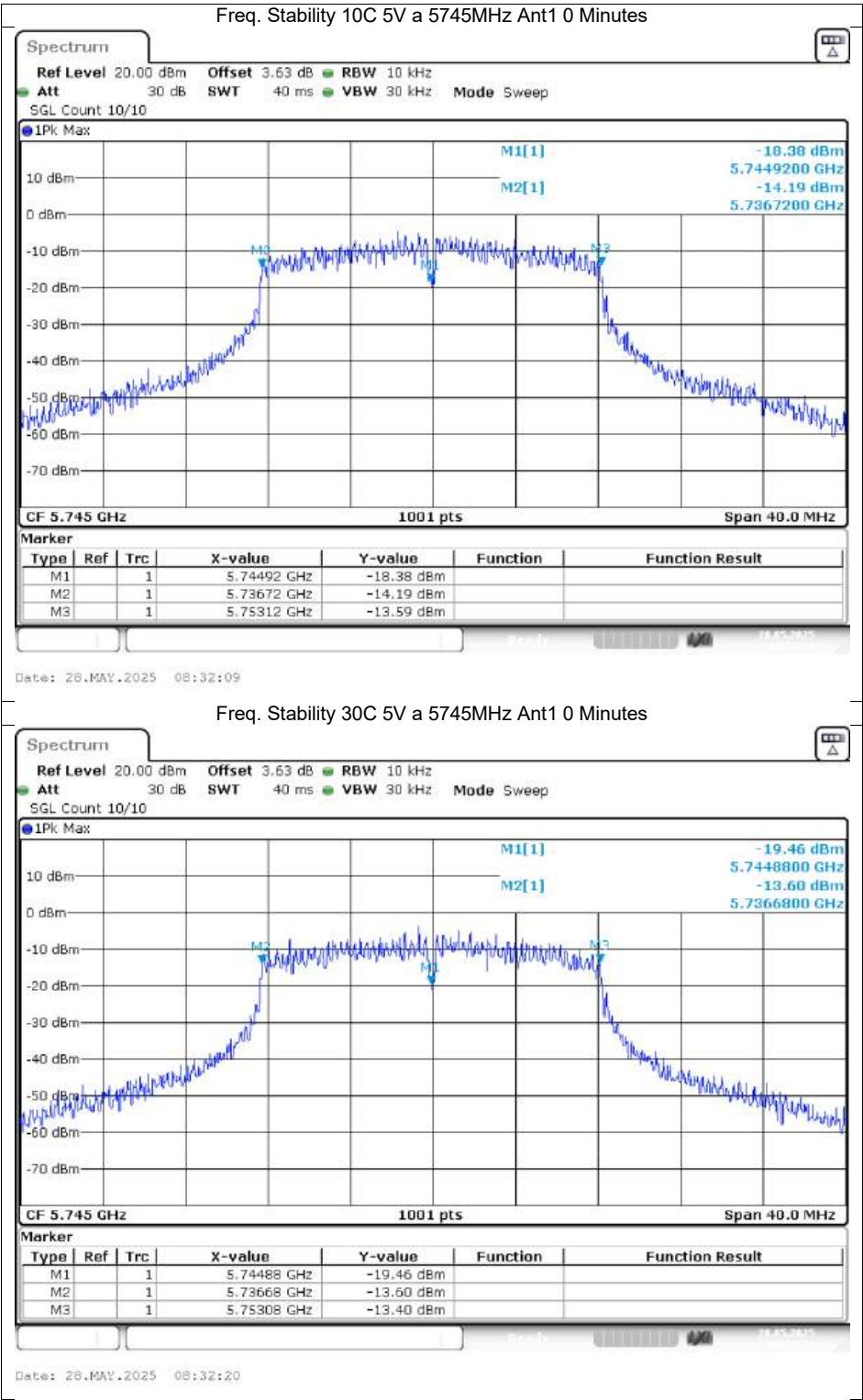


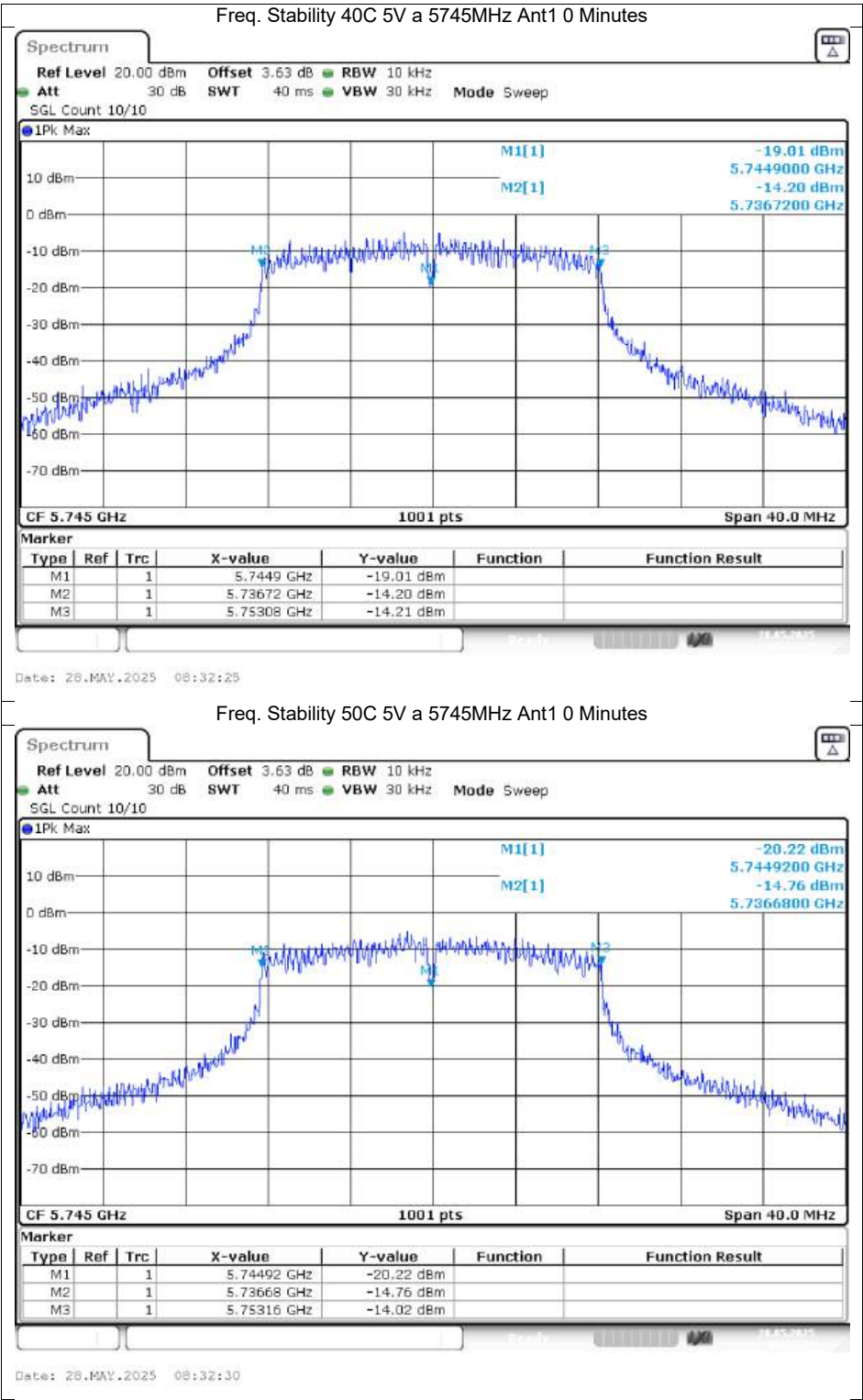


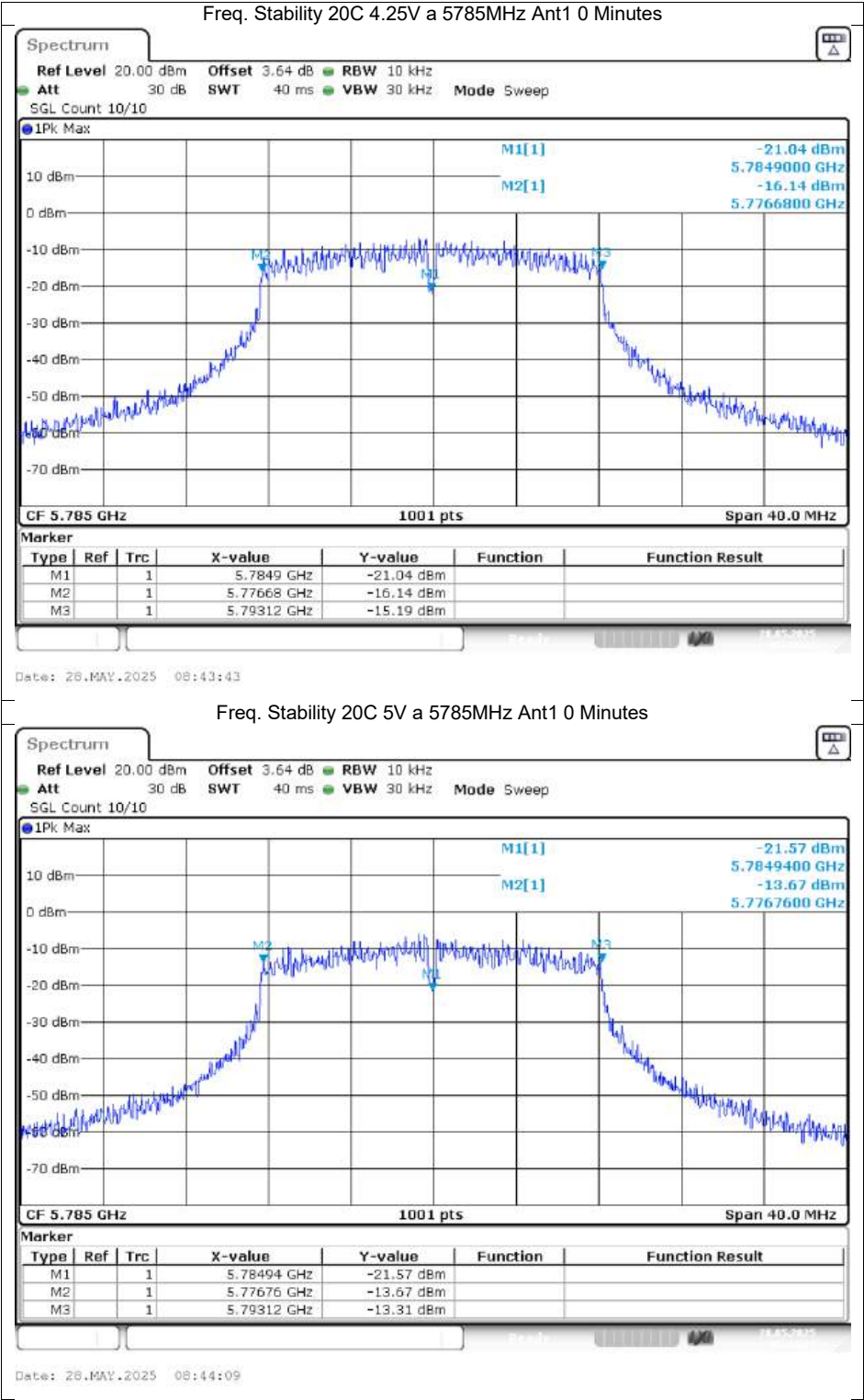


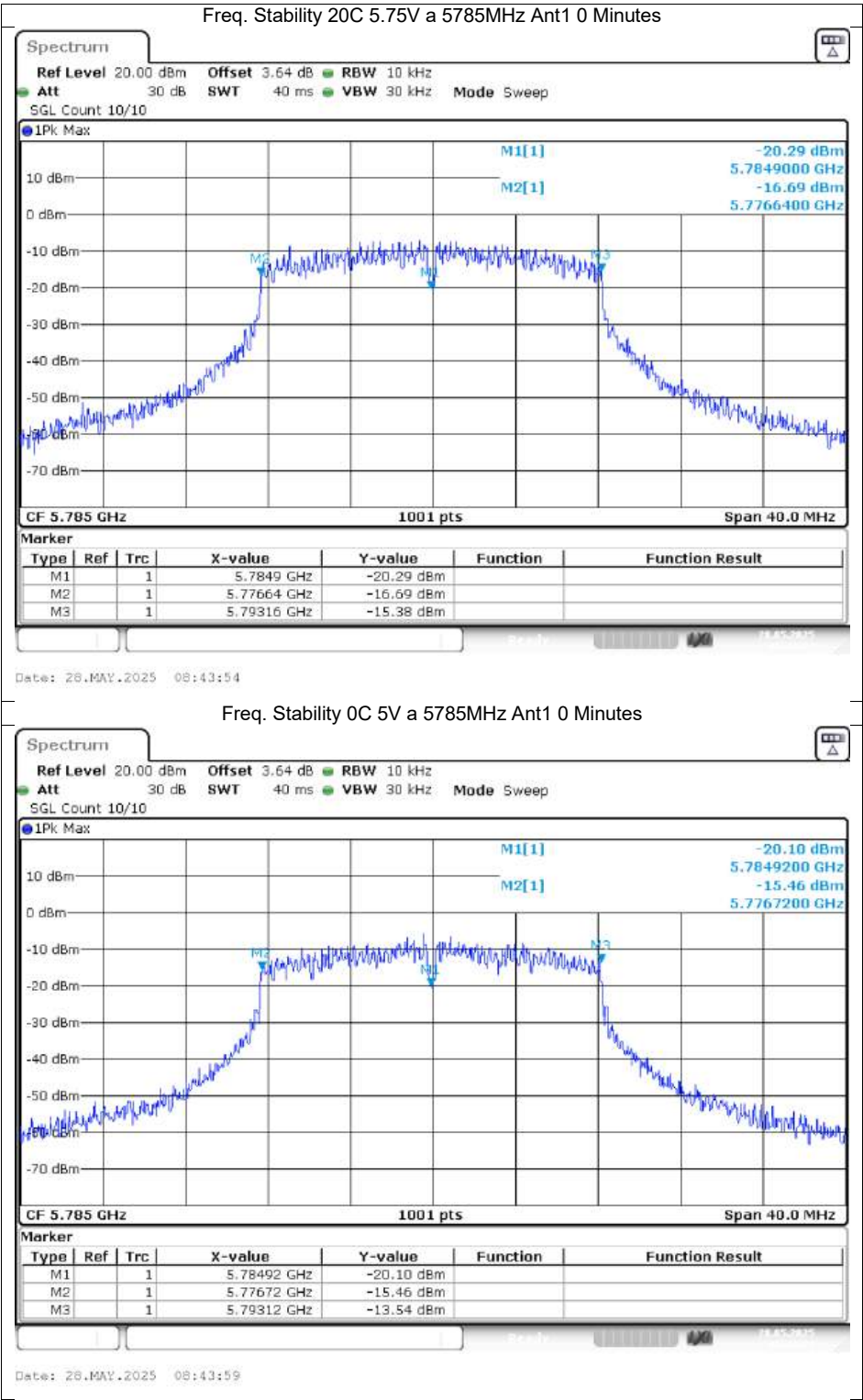


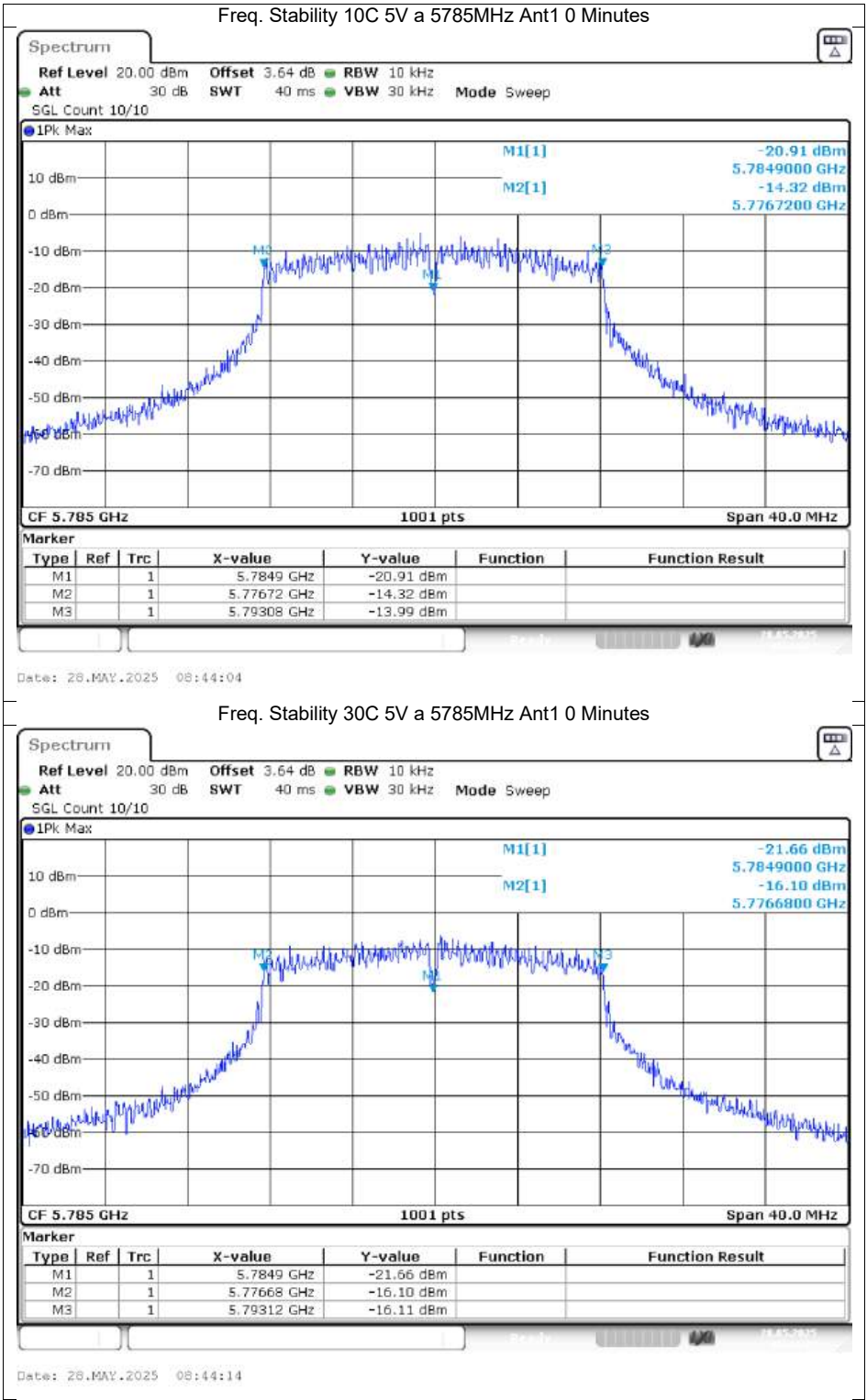


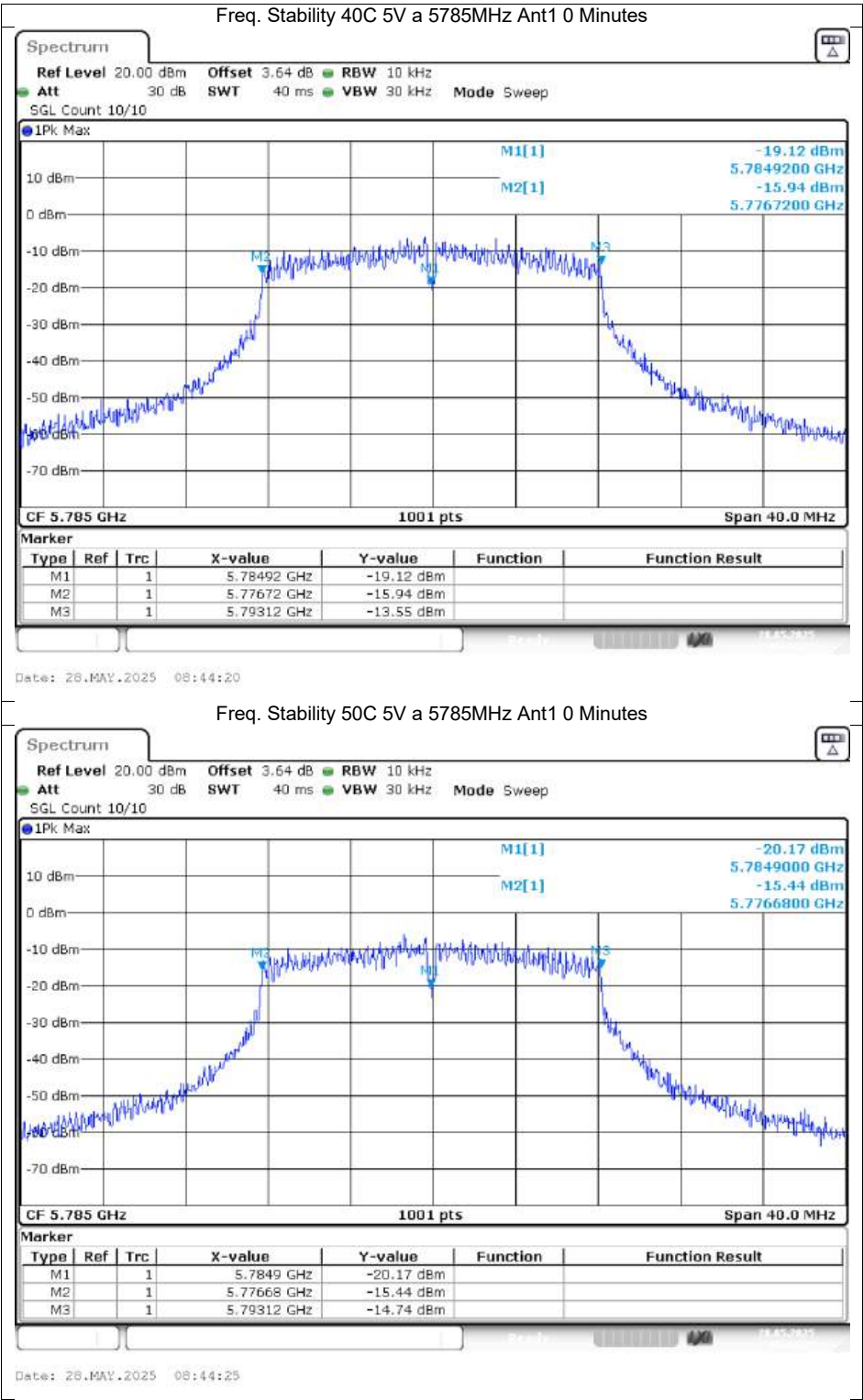


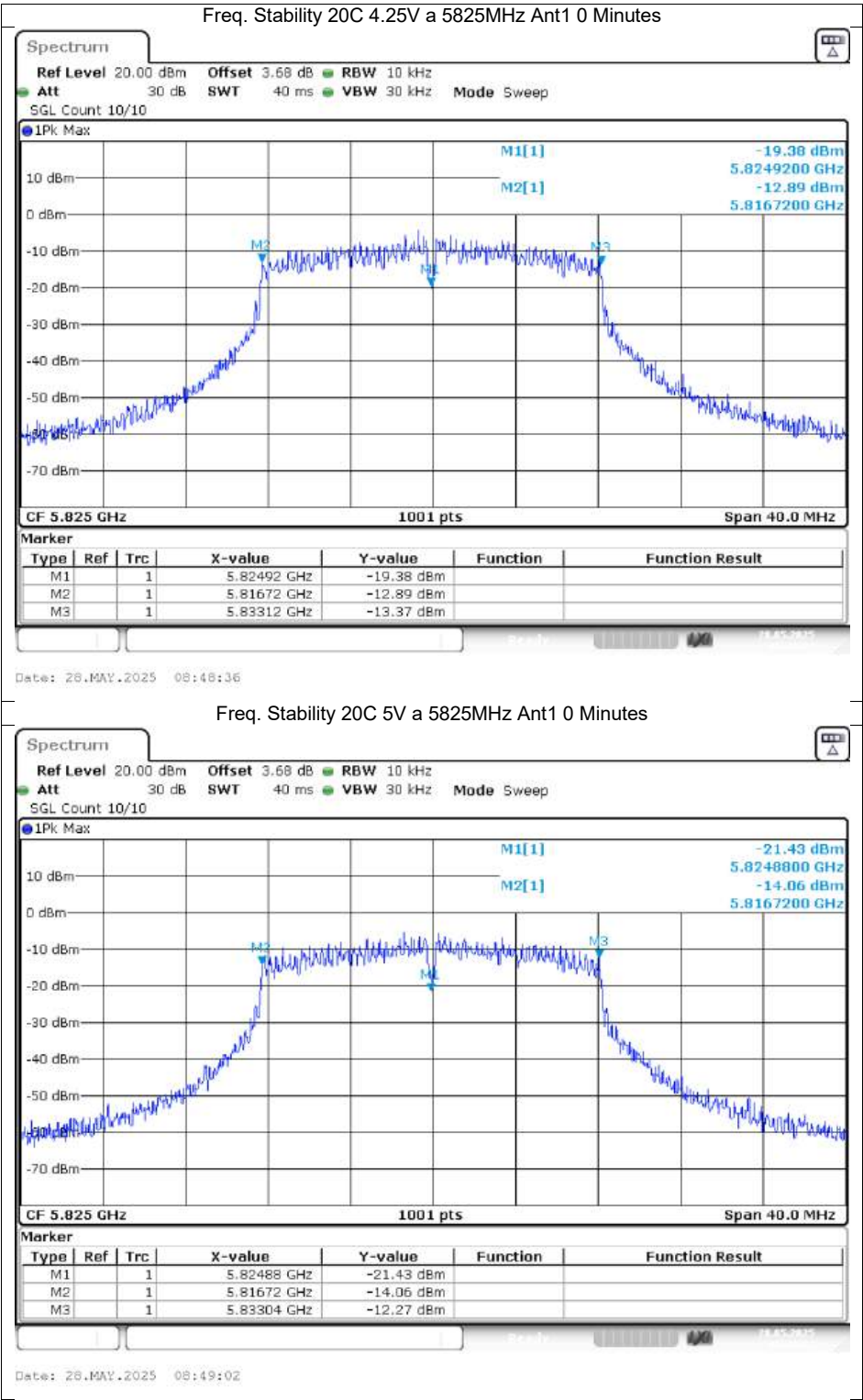


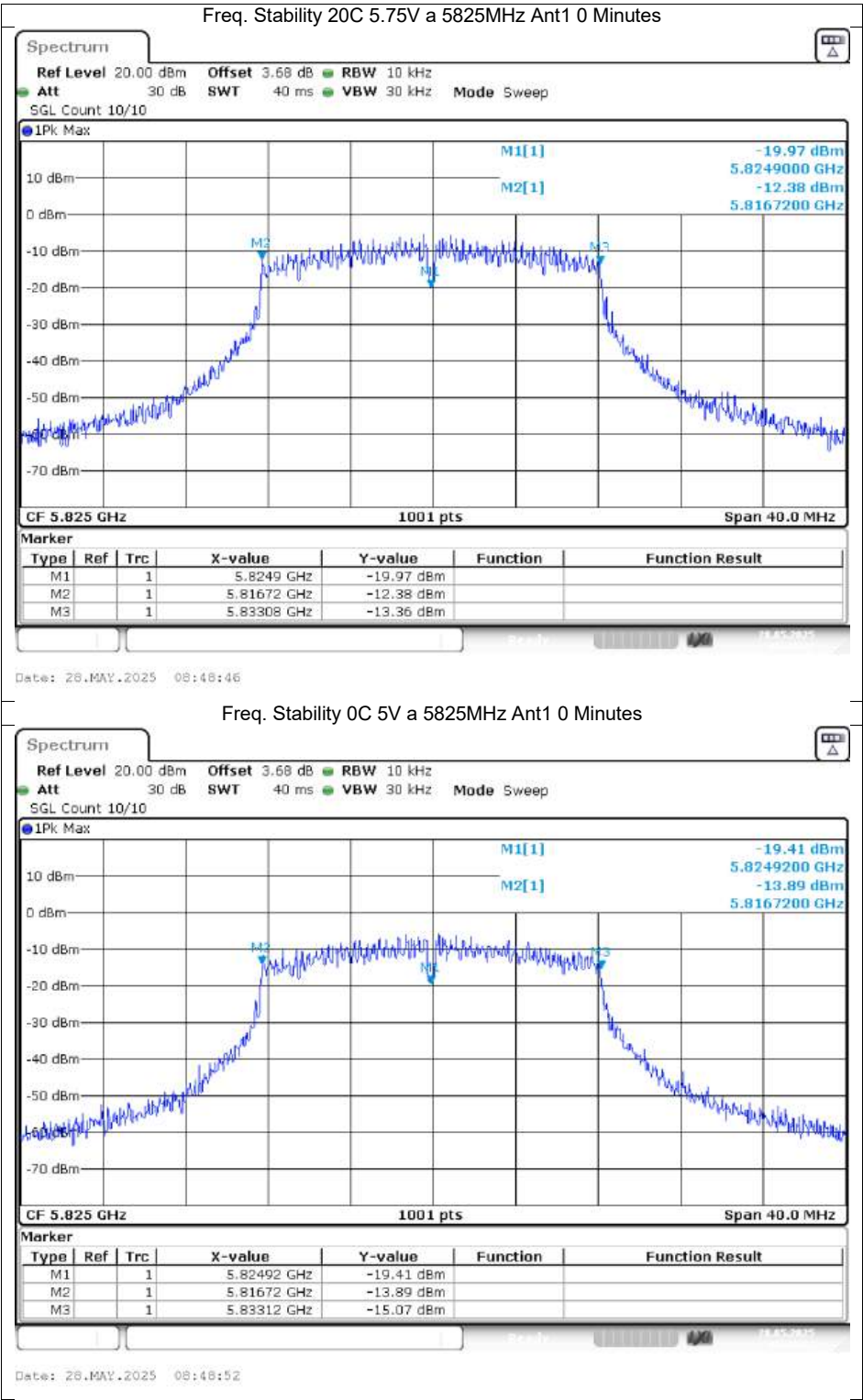


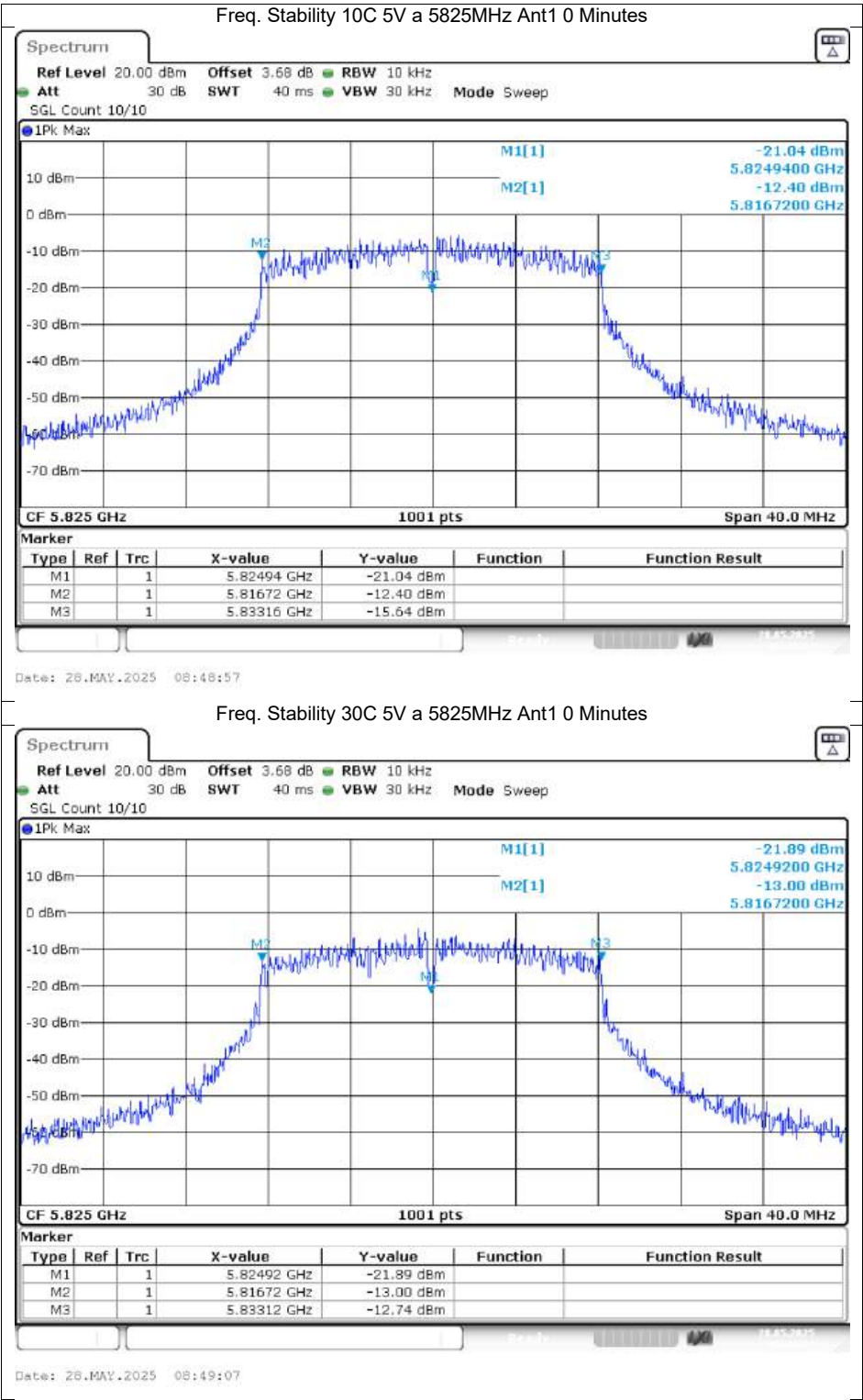


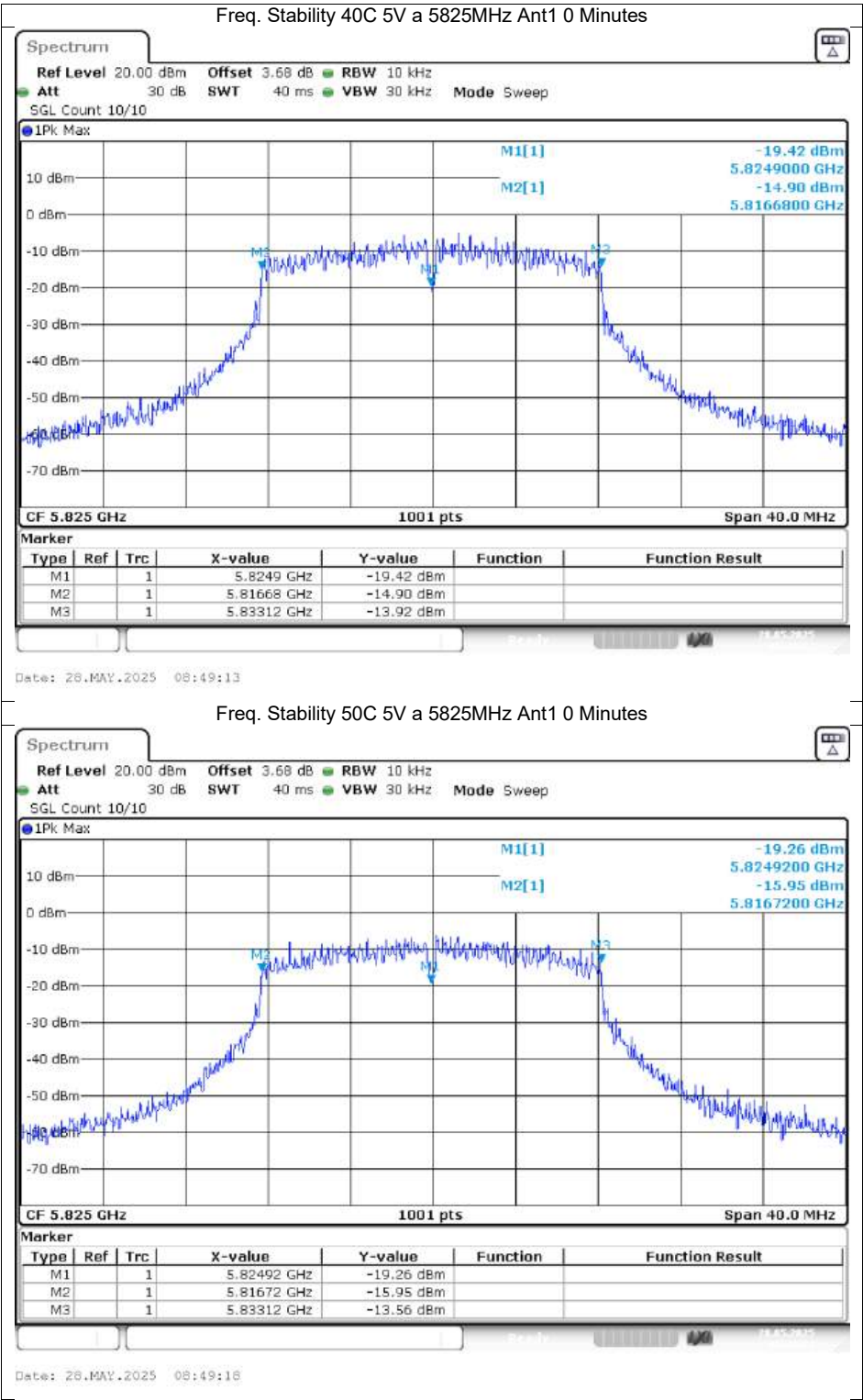


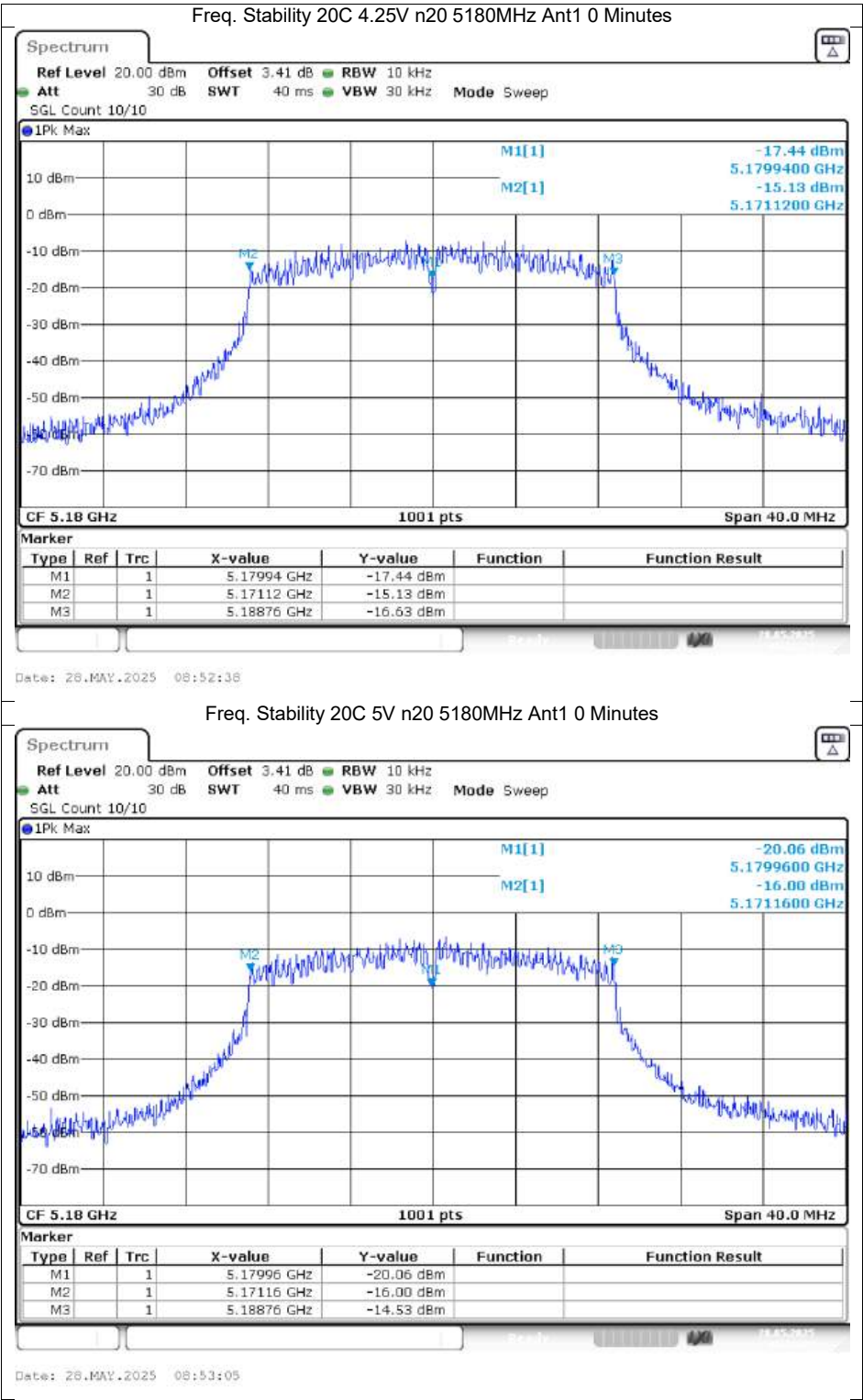


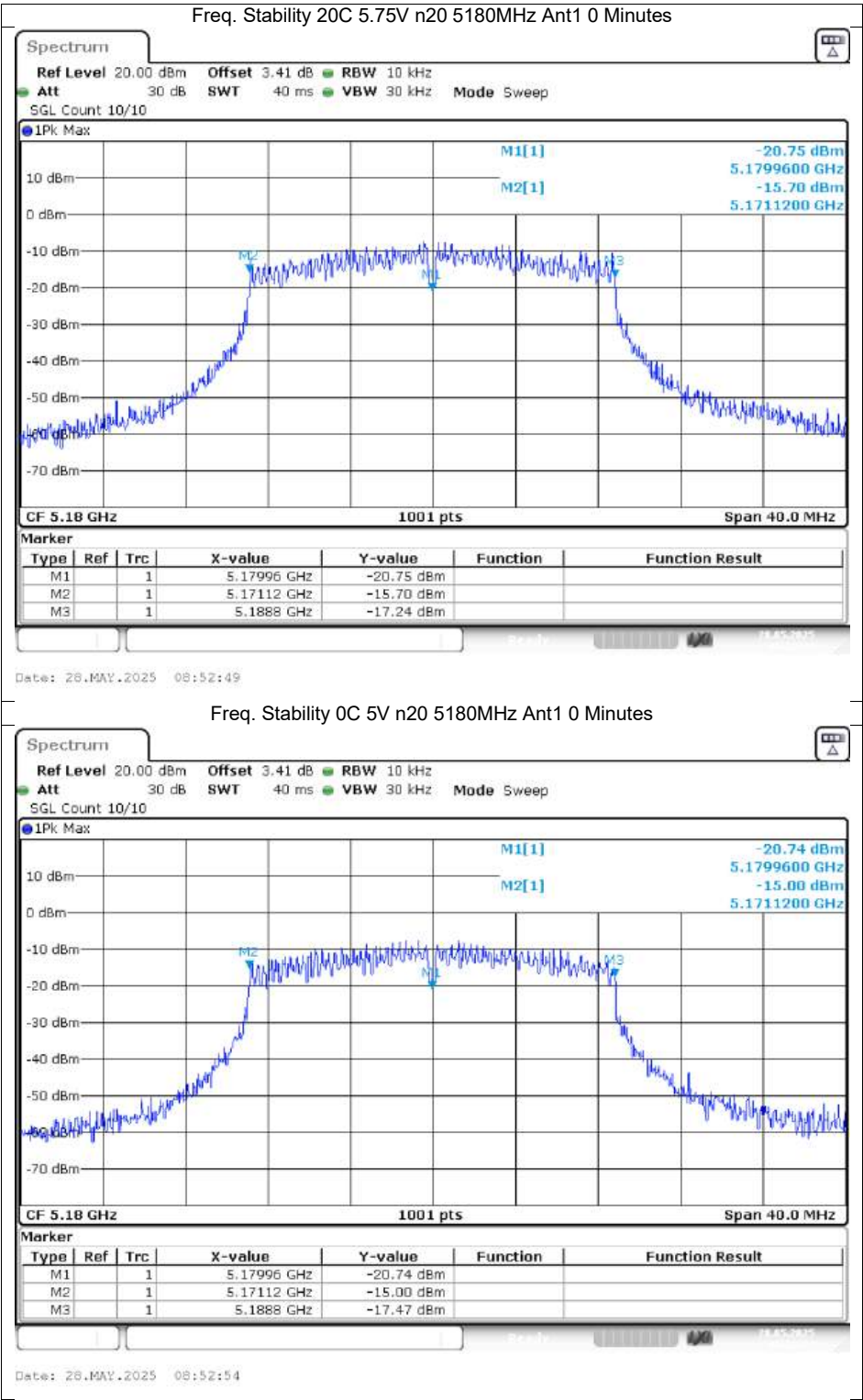


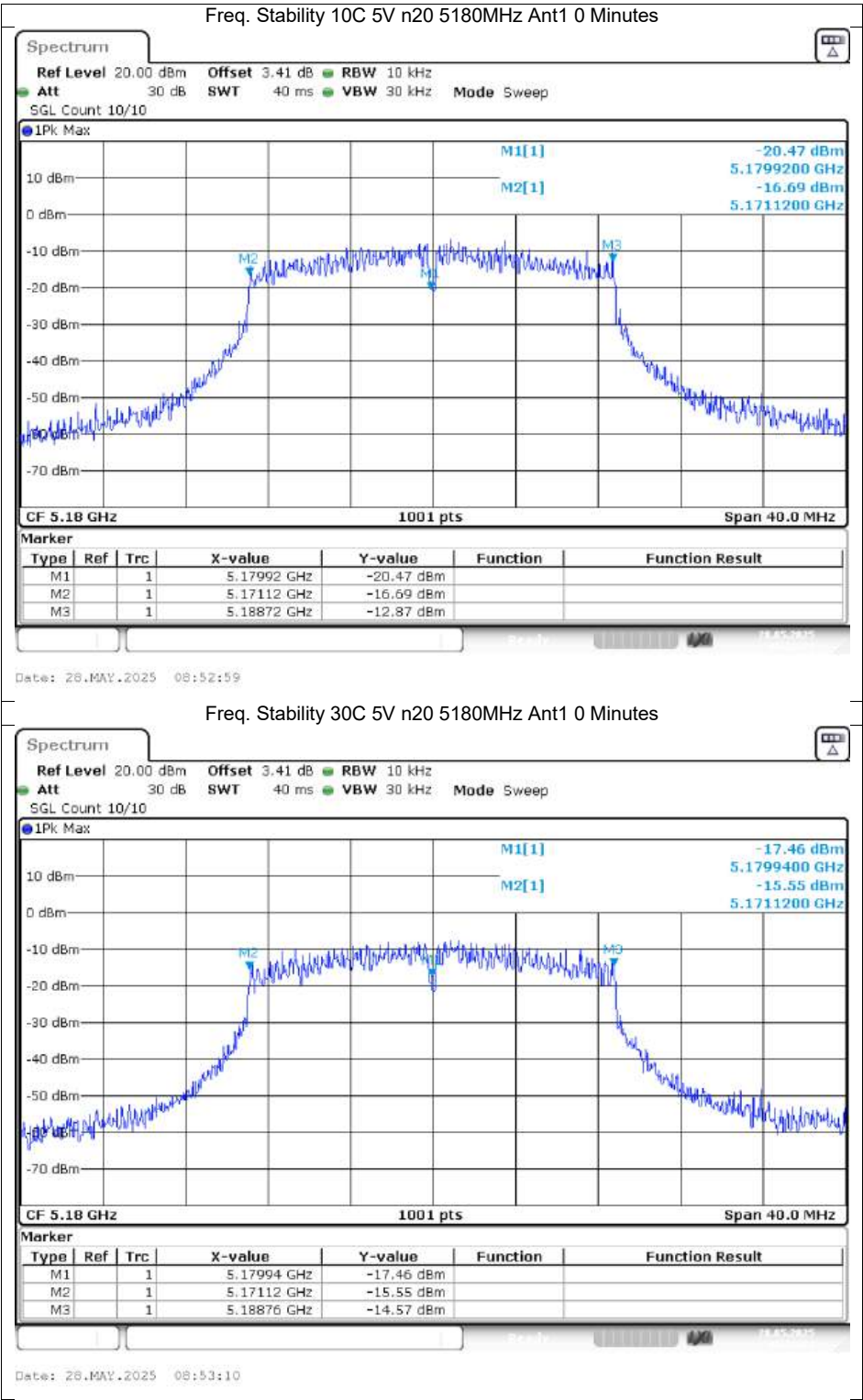


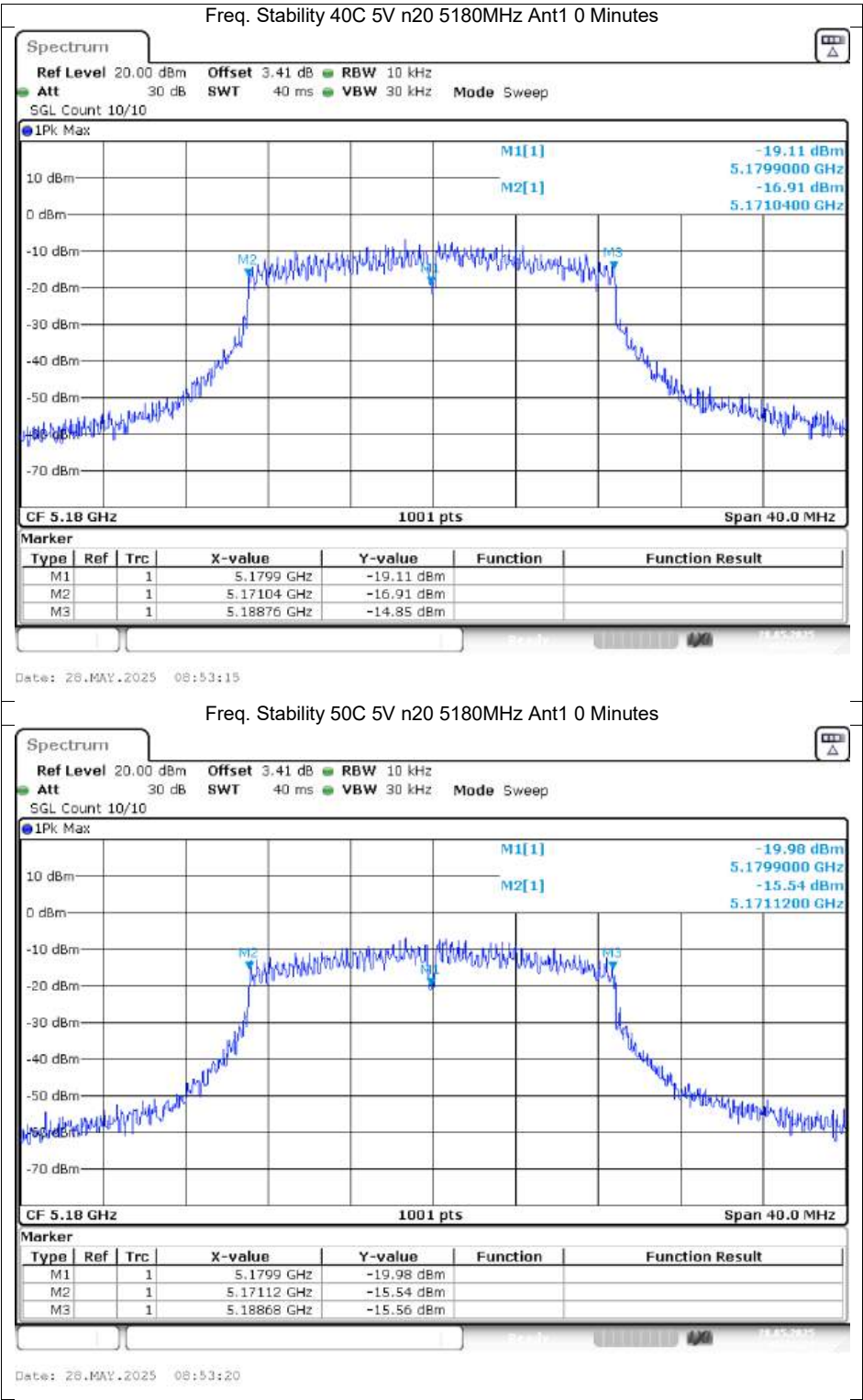












Freq. Stability 50C 5V n20 5180MHz Ant1 0 Minutes

Spectrum

Ref Level 20.00 dBm
Att 30 dB
SGL Count 10/10

Offset 3.41 dB
SWT 40 ms

RBW 10 kHz
VBW 30 kHz

Mode Sweep

1Pk Max

M1[1] -19.98 dBm
5.1799000 GHz
M2[1] -15.54 dBm
5.1711200 GHz

CF 5.18 GHz

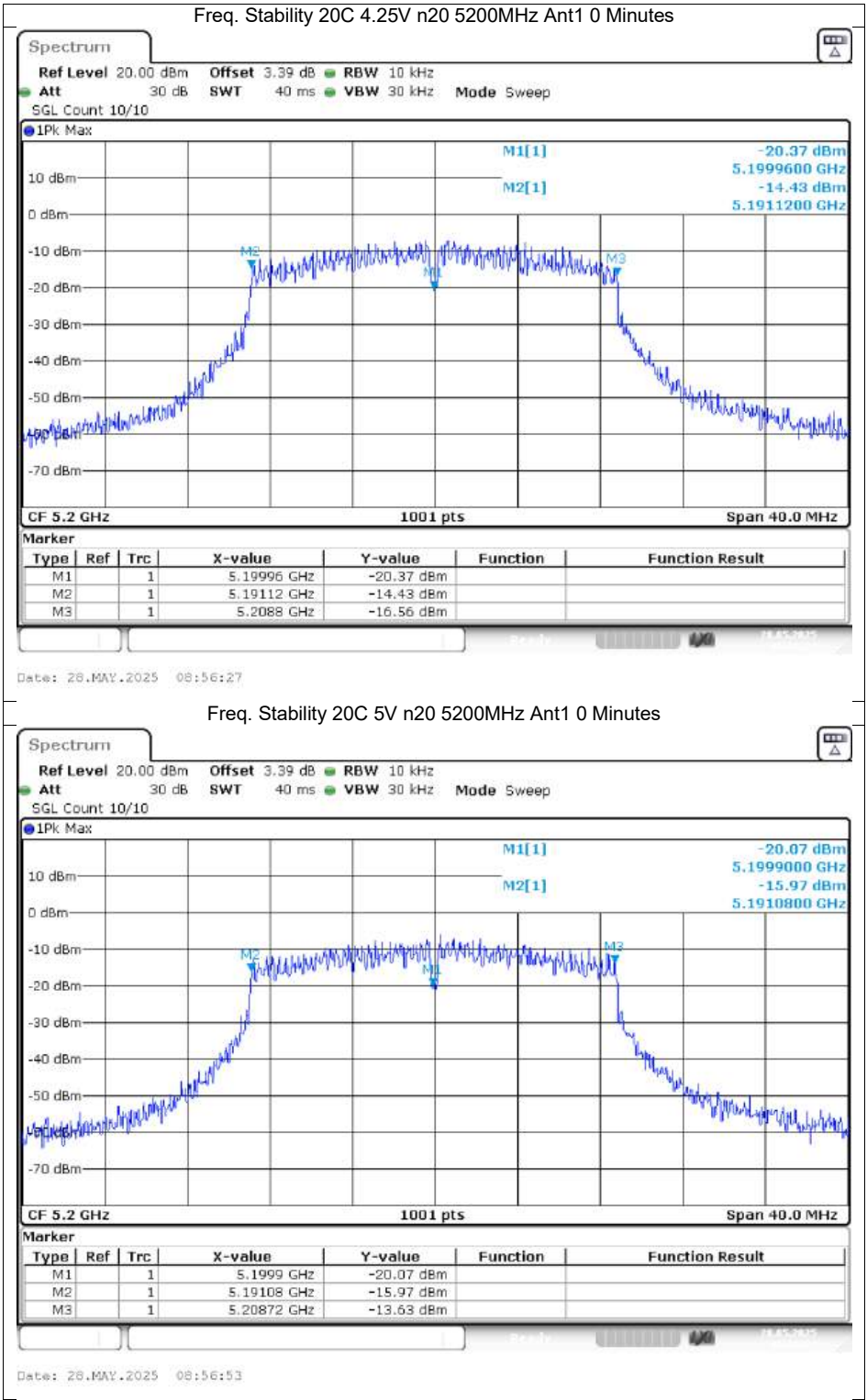
1001 pts

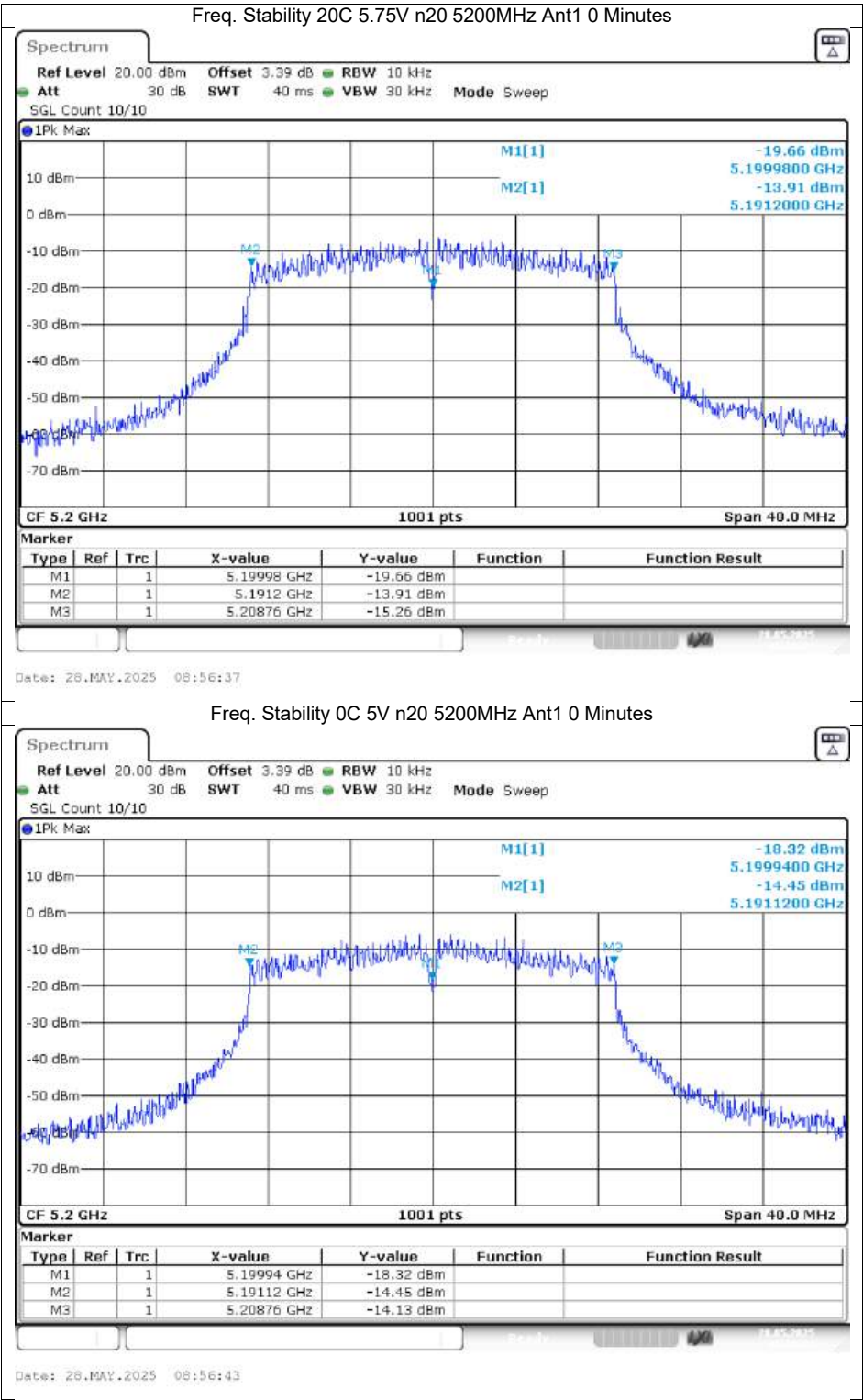
Span 40.0 MHz

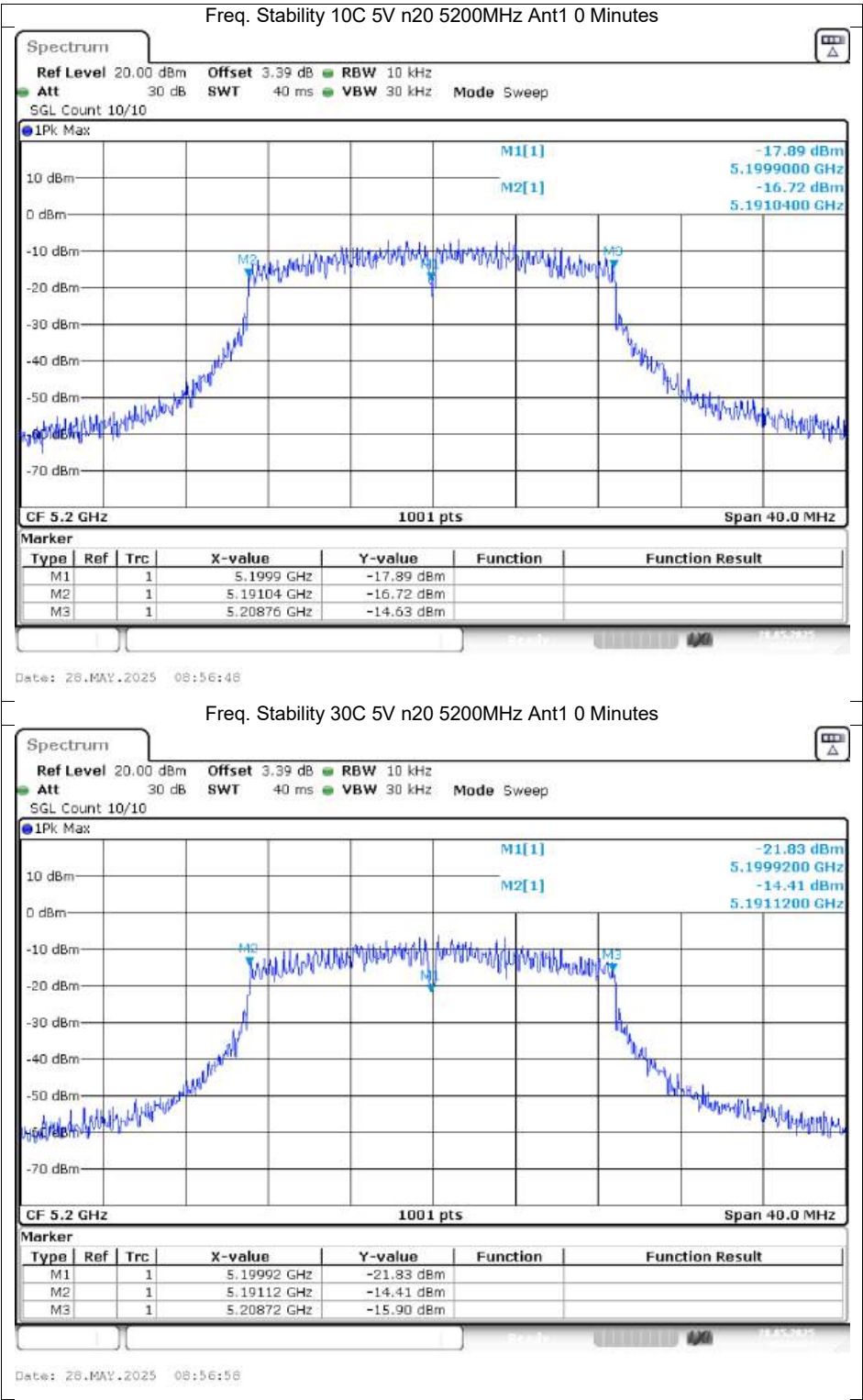
Marker

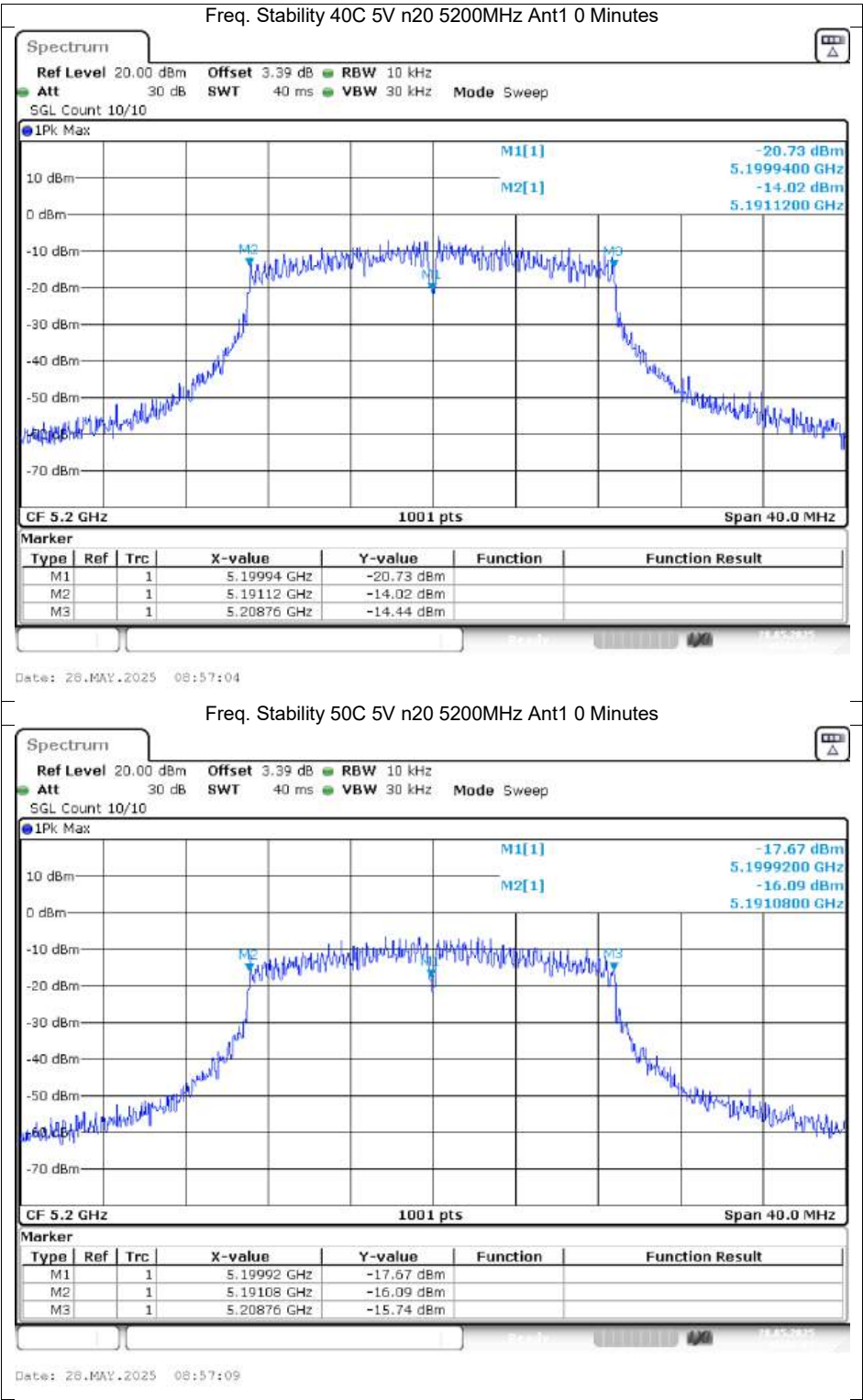
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.1799 GHz	-19.98 dBm		
M2		1	5.17112 GHz	-15.54 dBm		
M3		1	5.18868 GHz	-15.56 dBm		

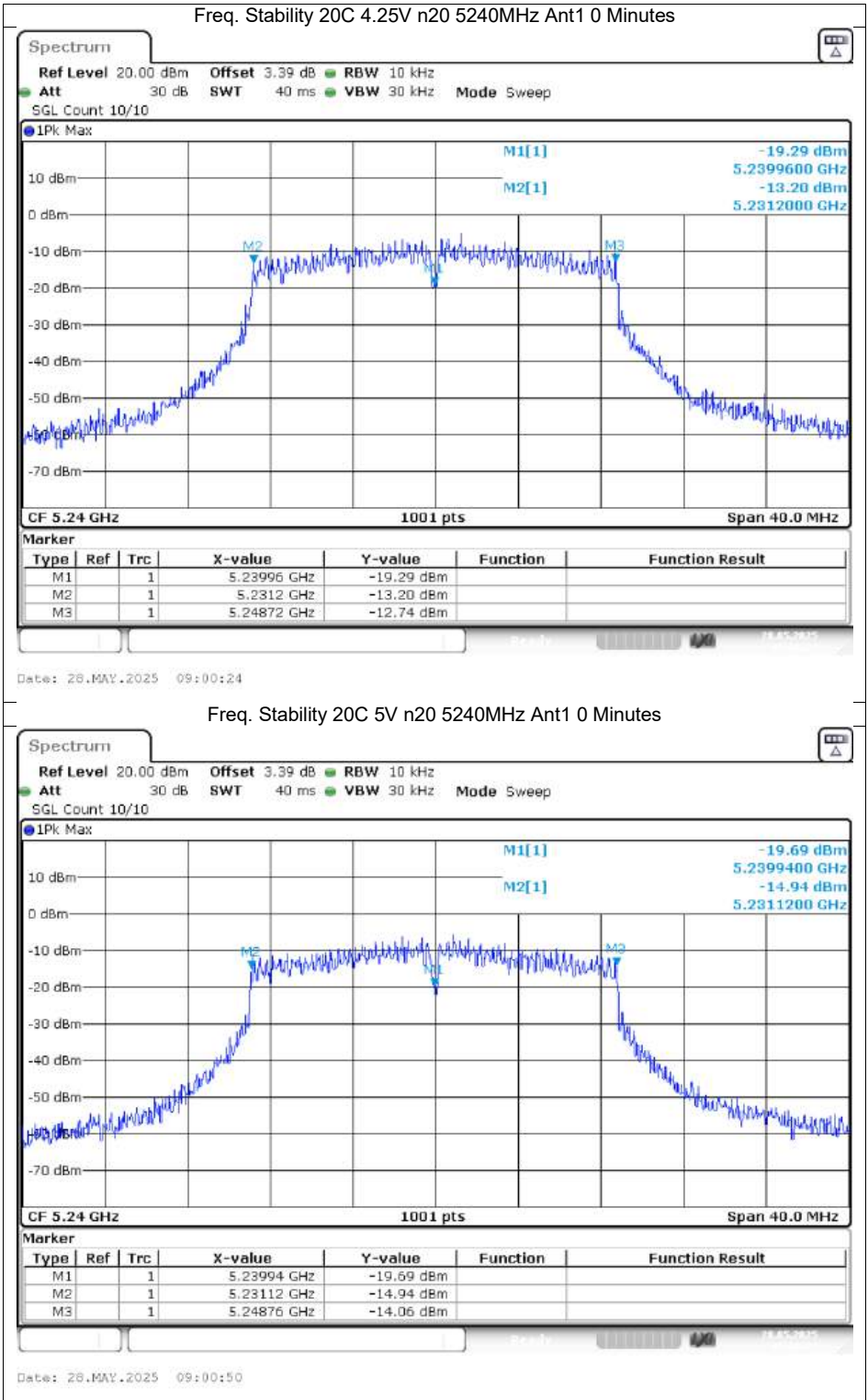
Date: 28.MAY.2025 08:53:20

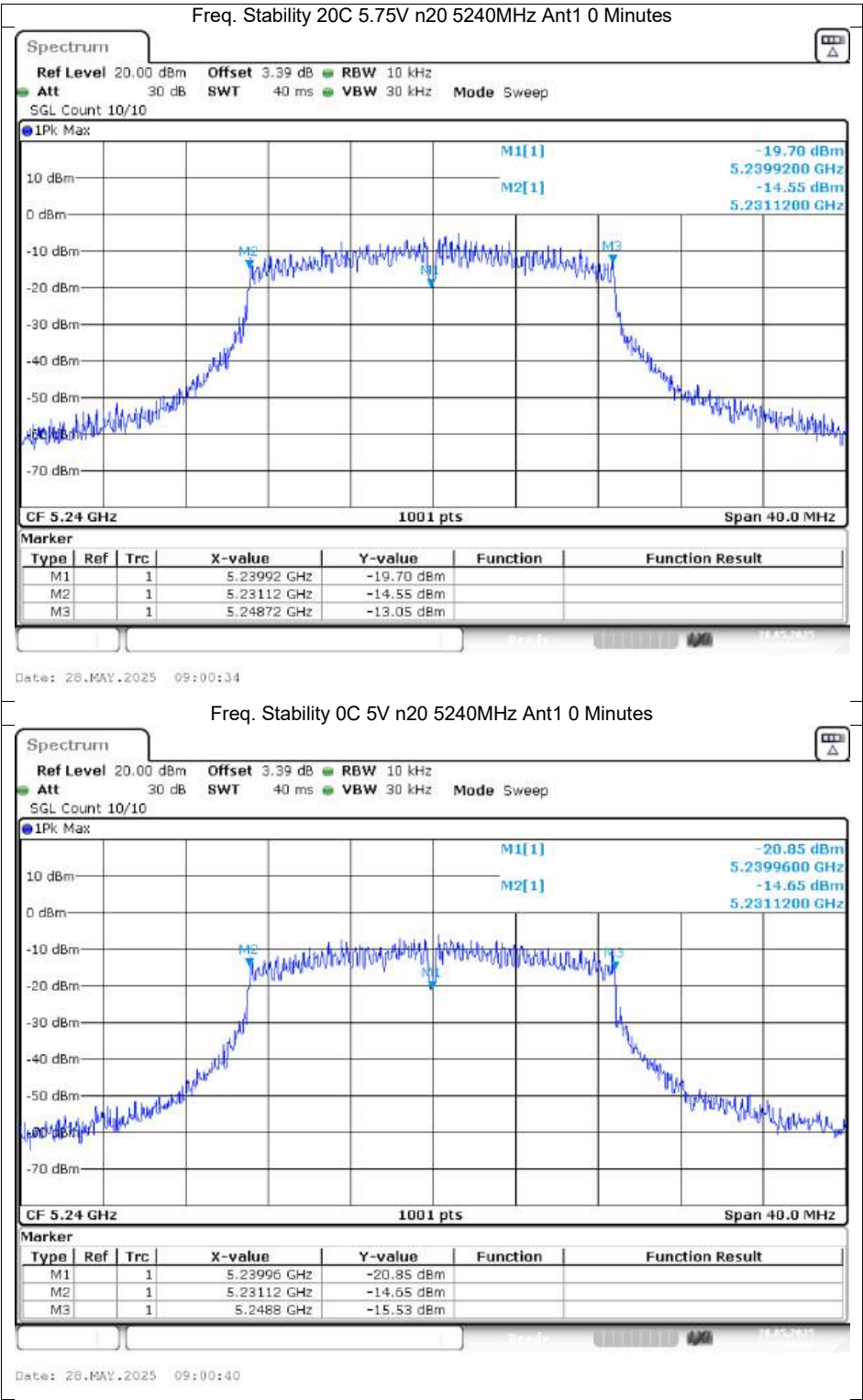


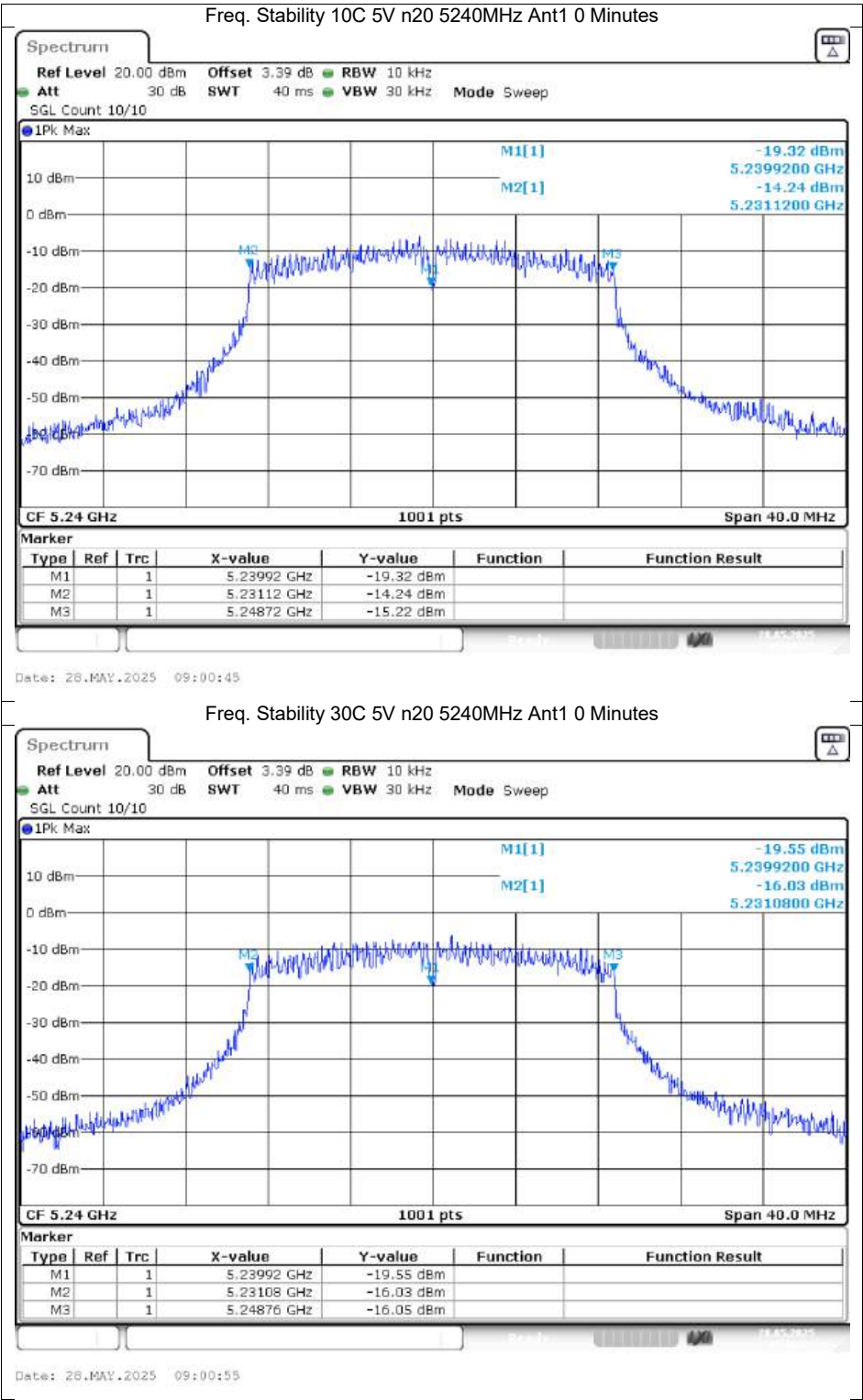


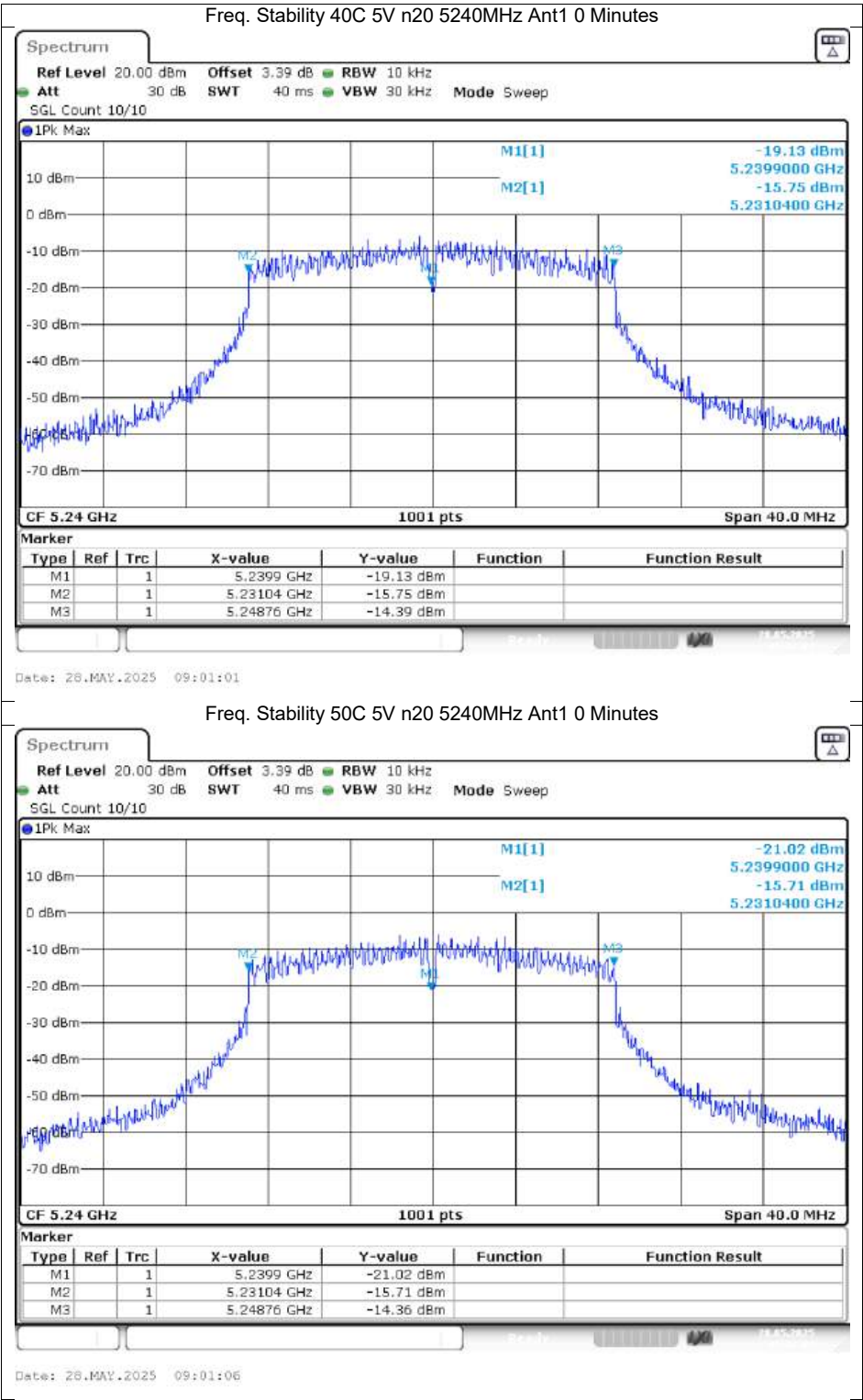


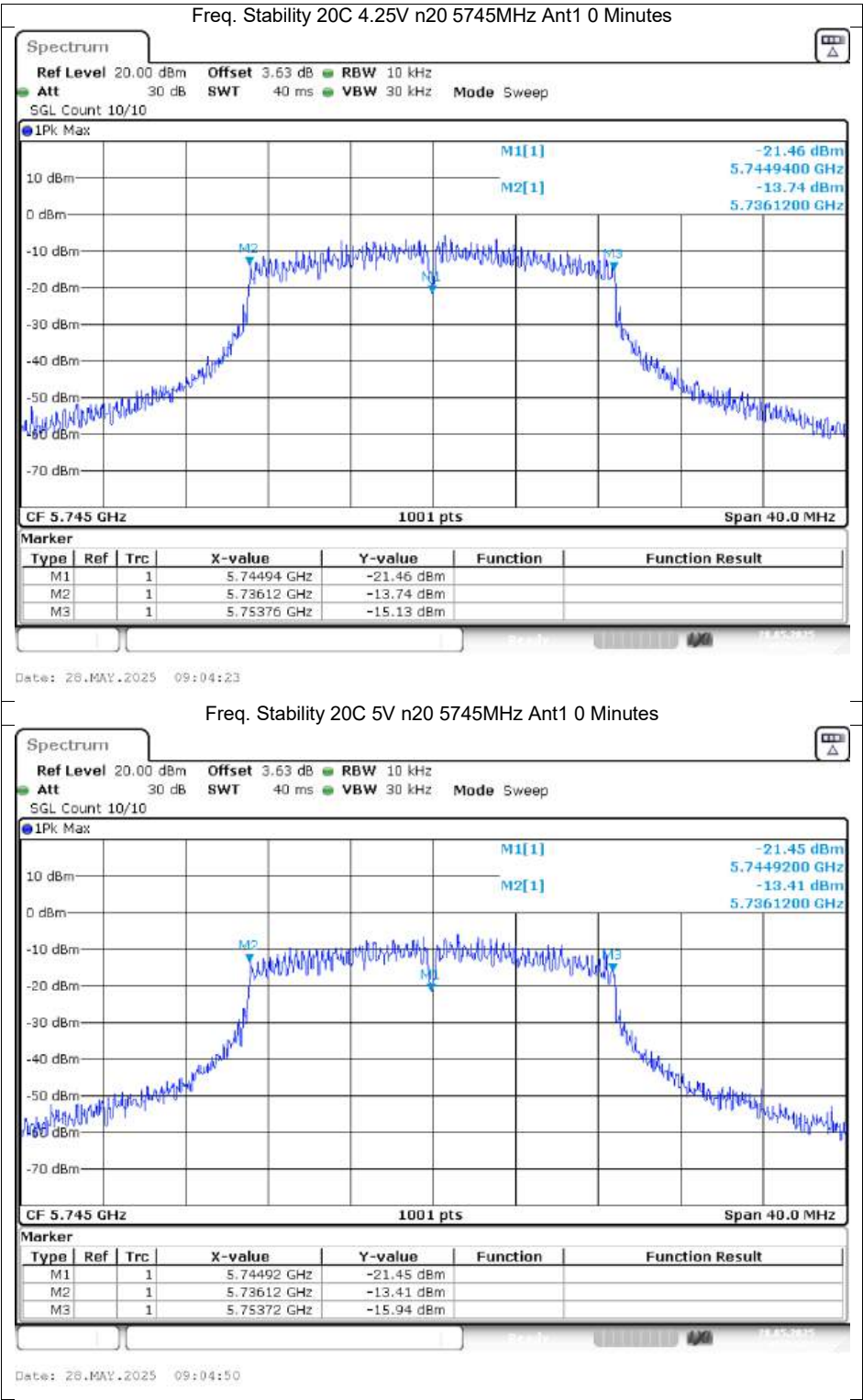


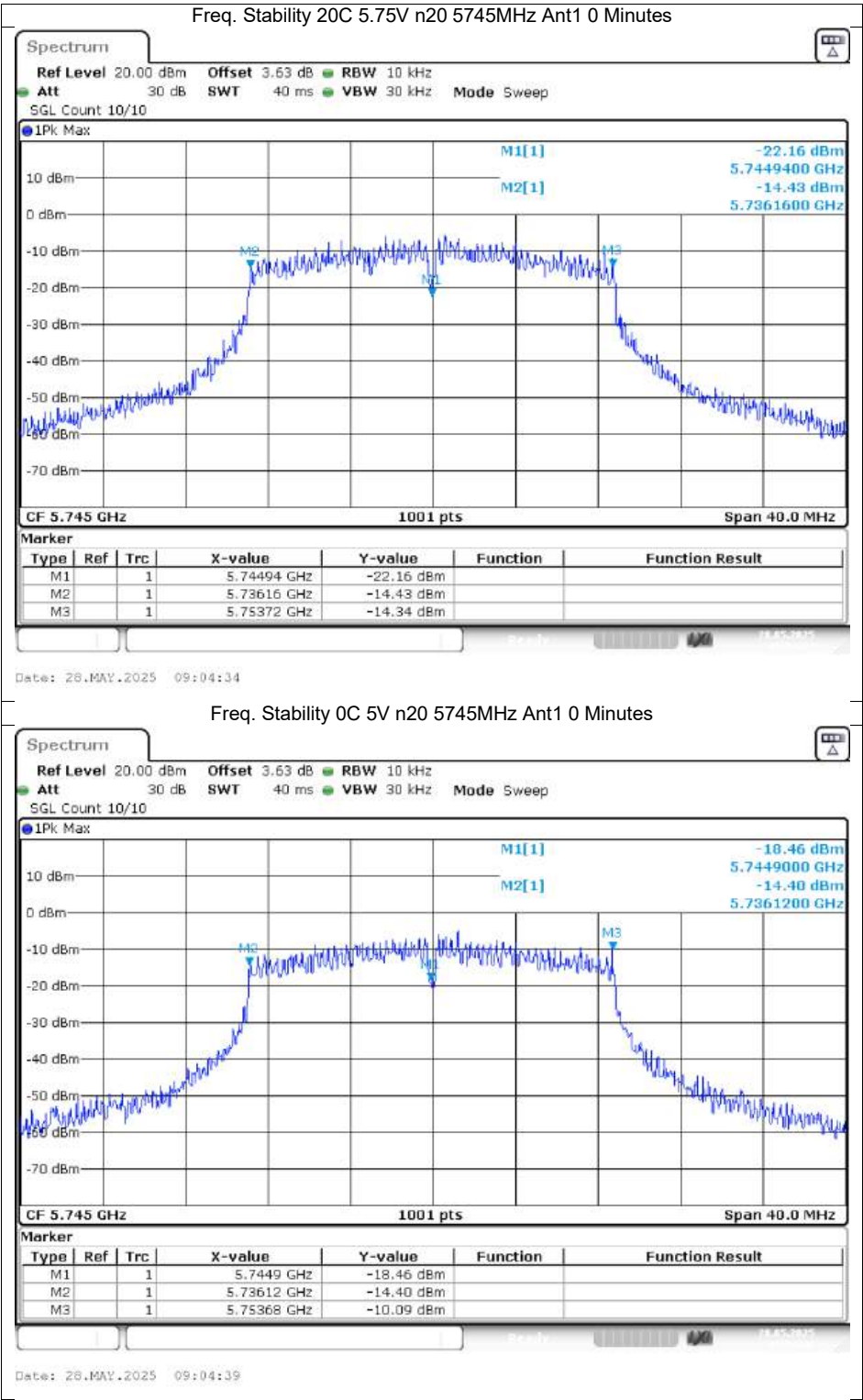


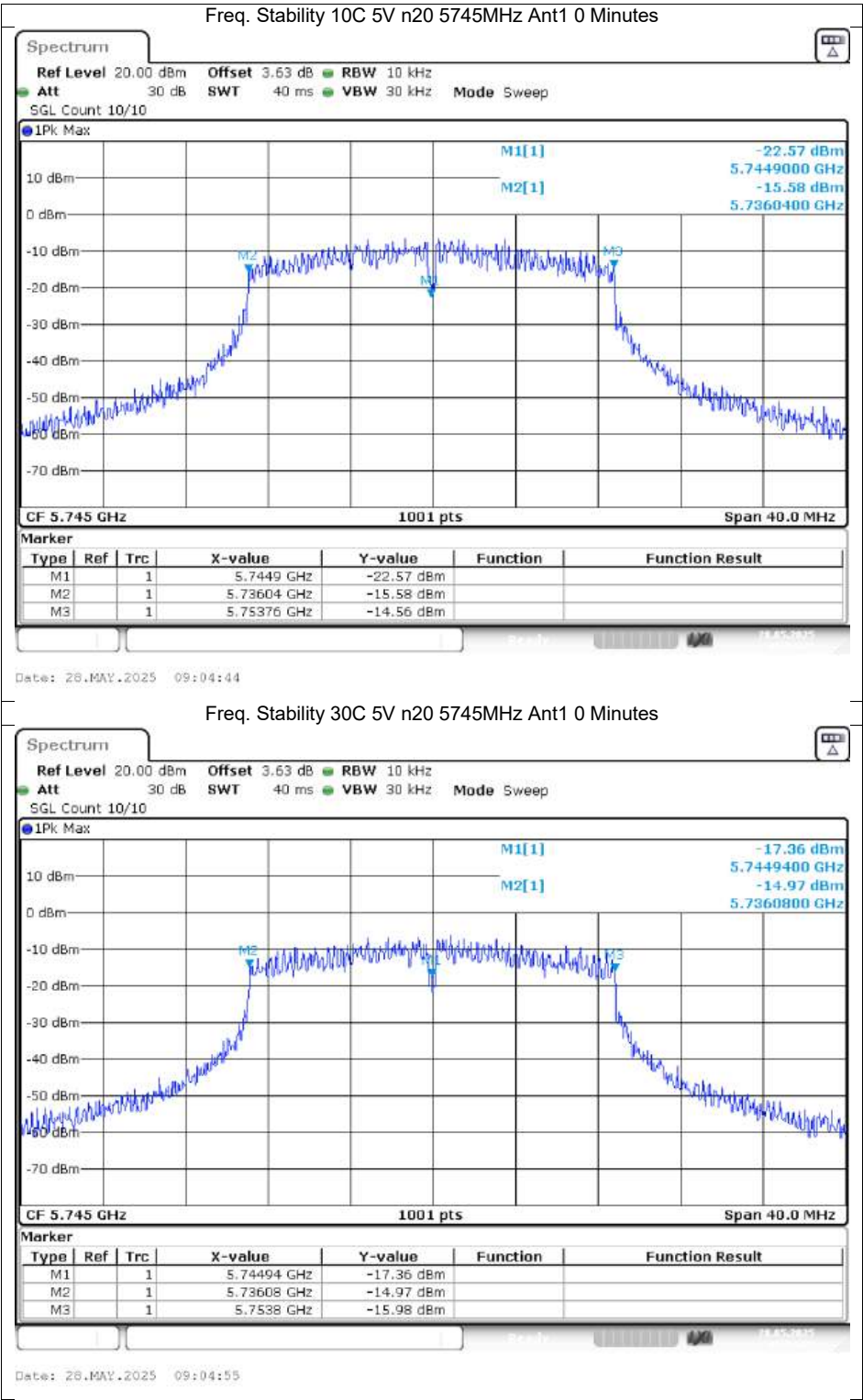


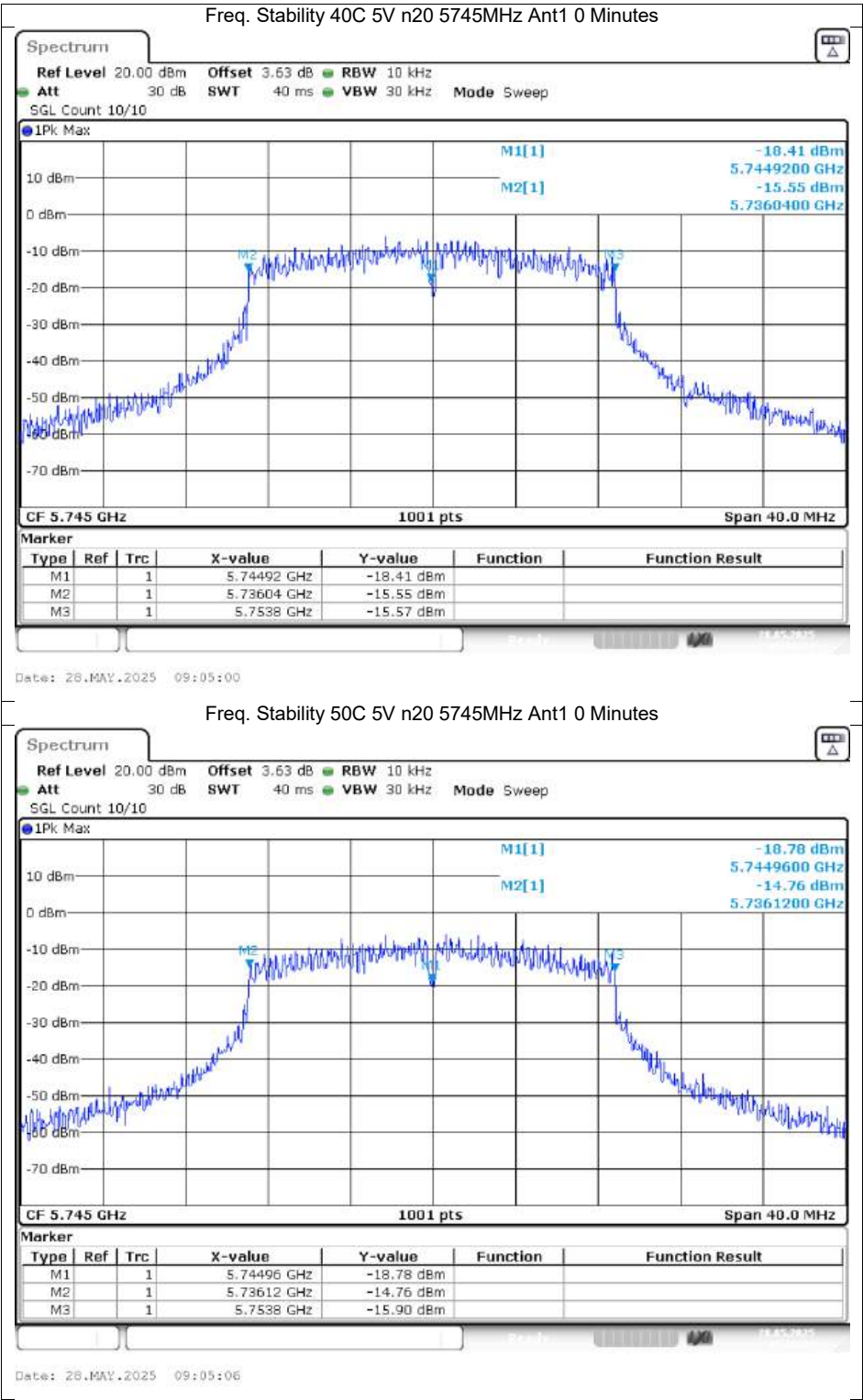


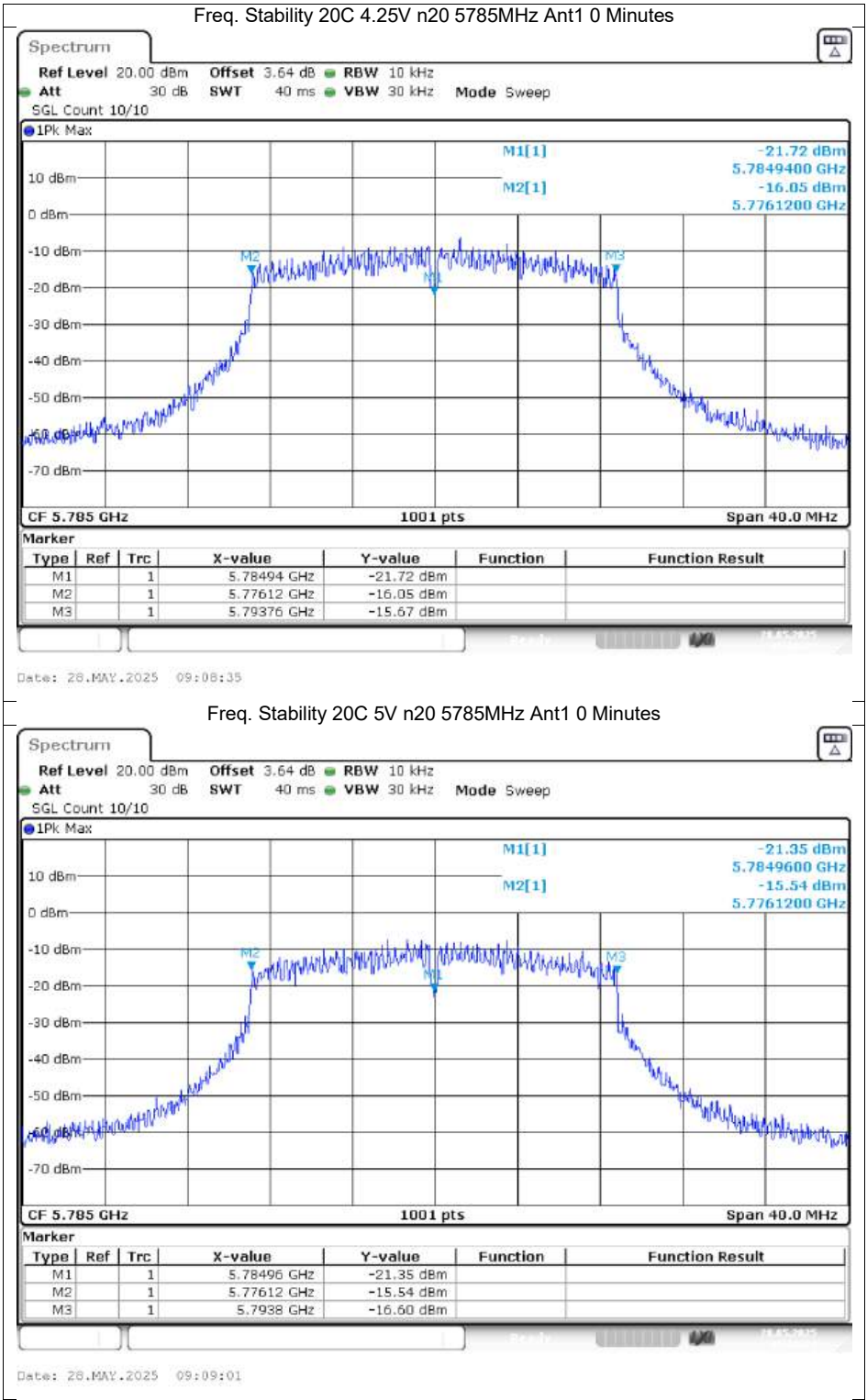


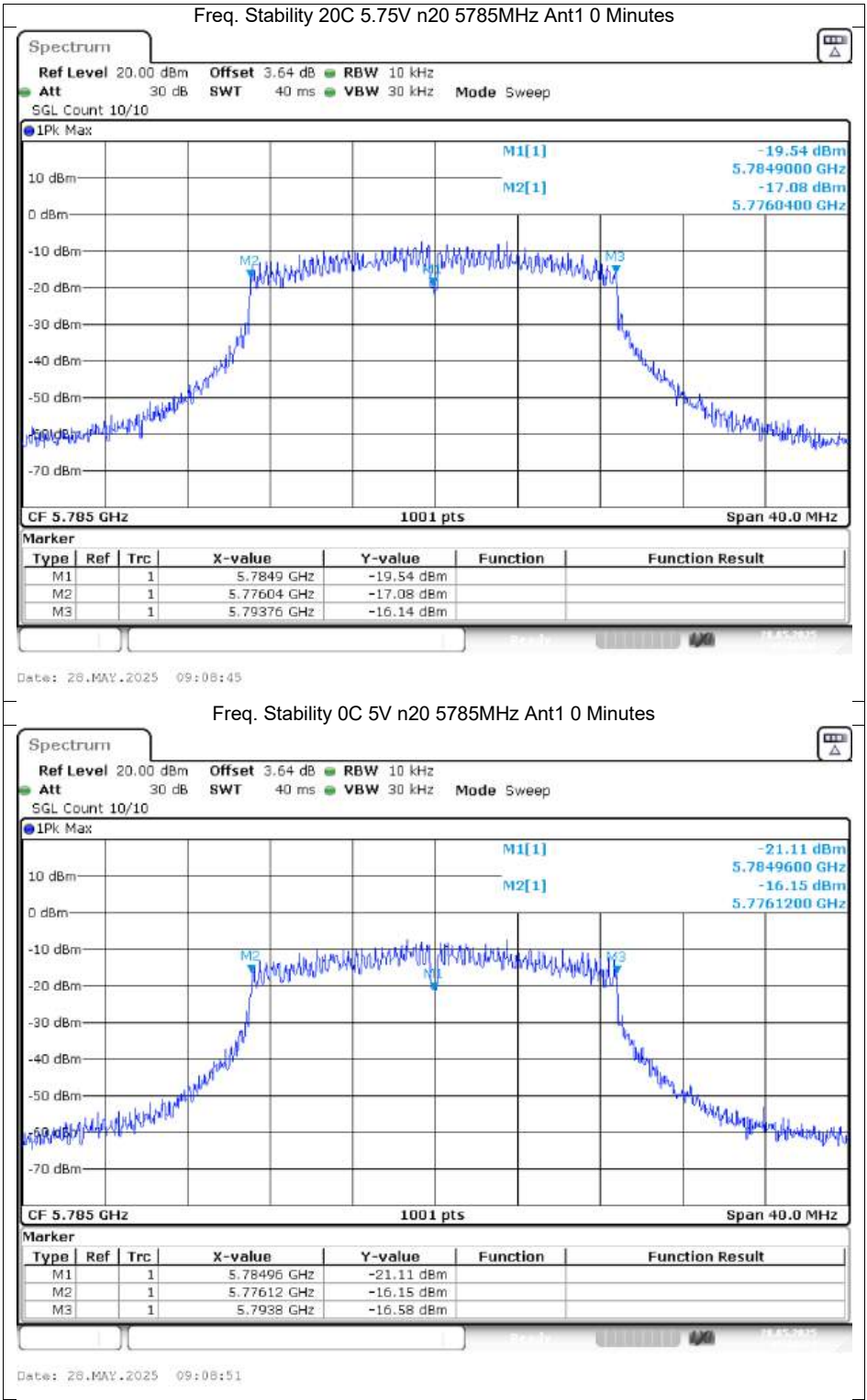


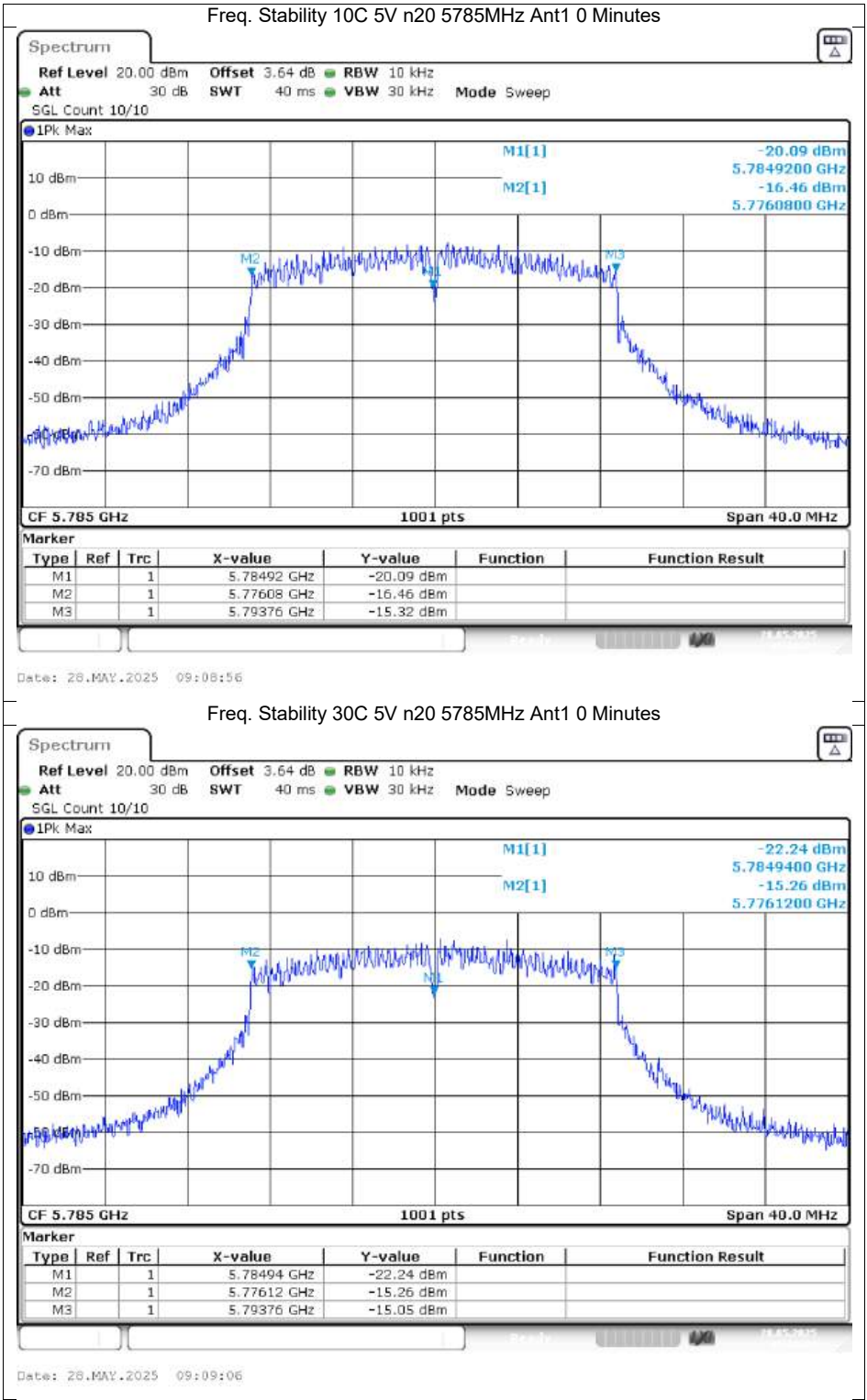


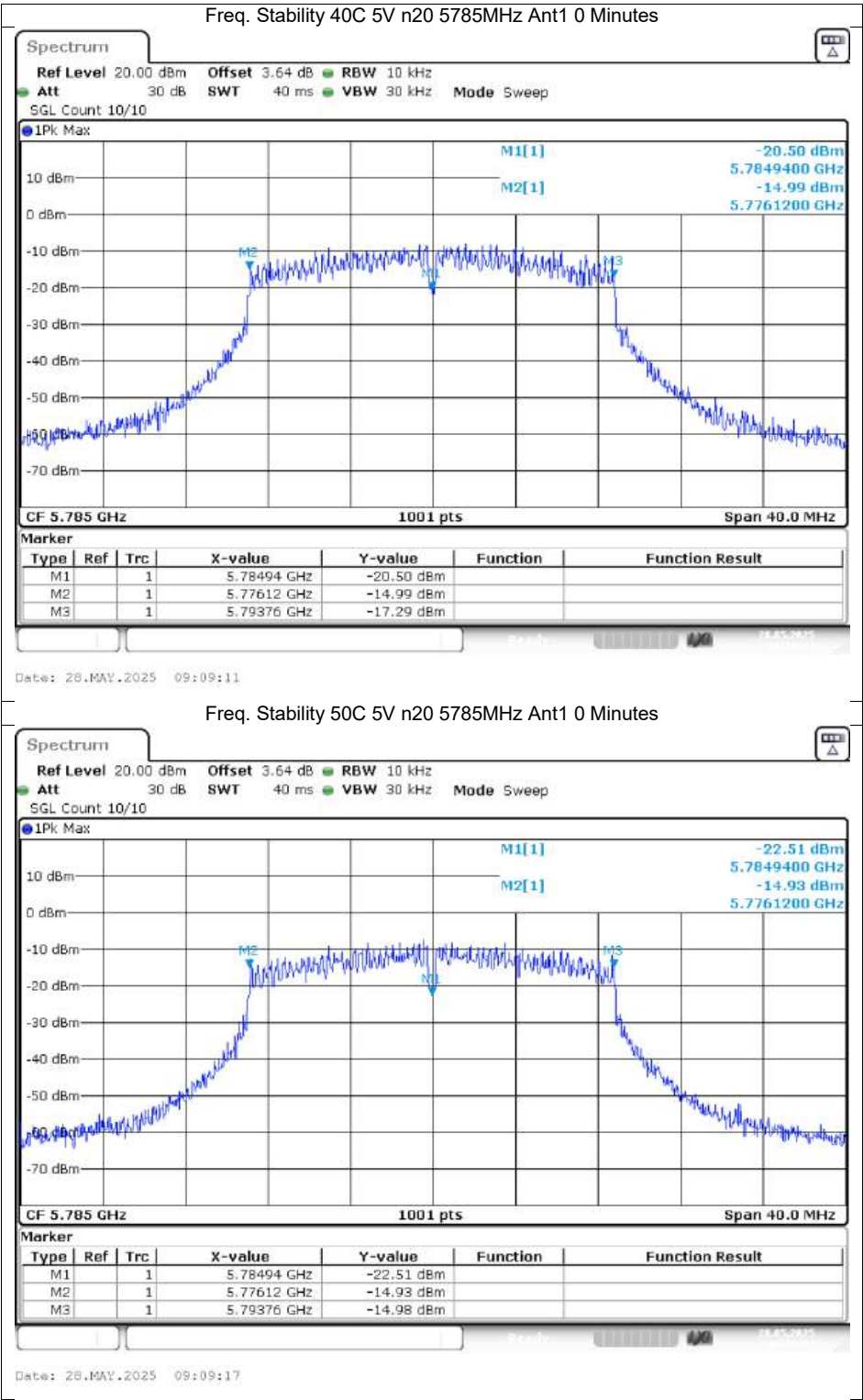


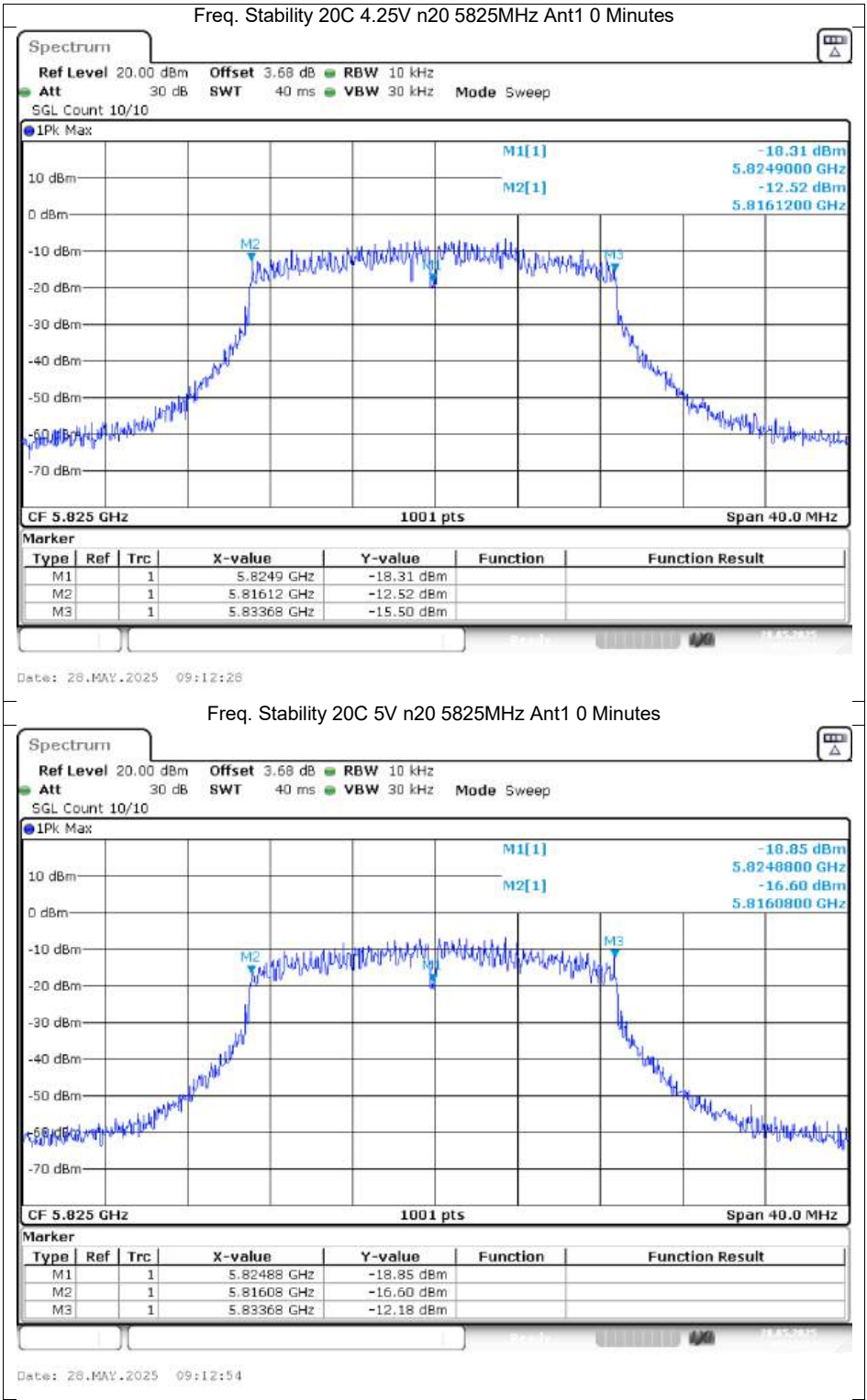


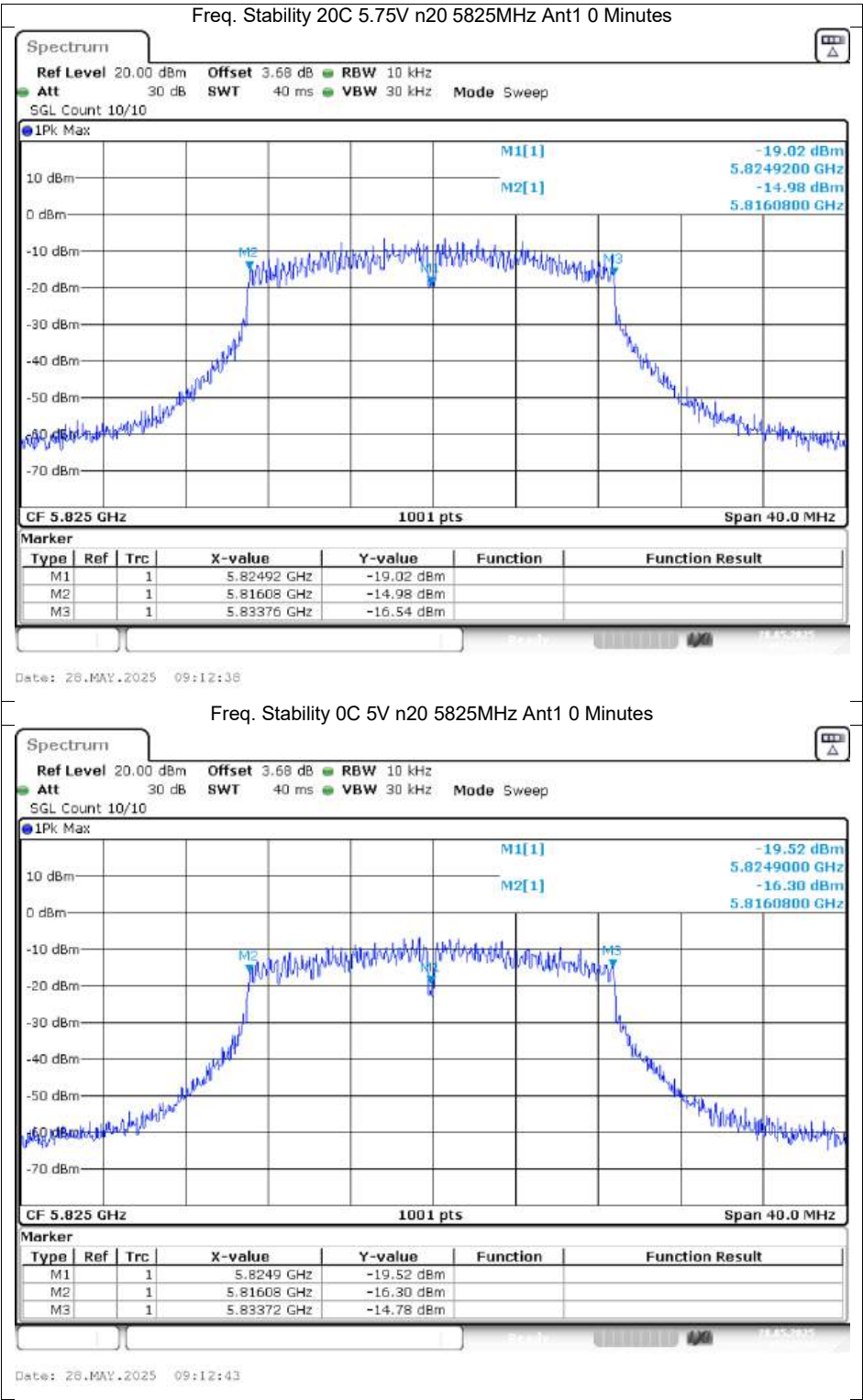


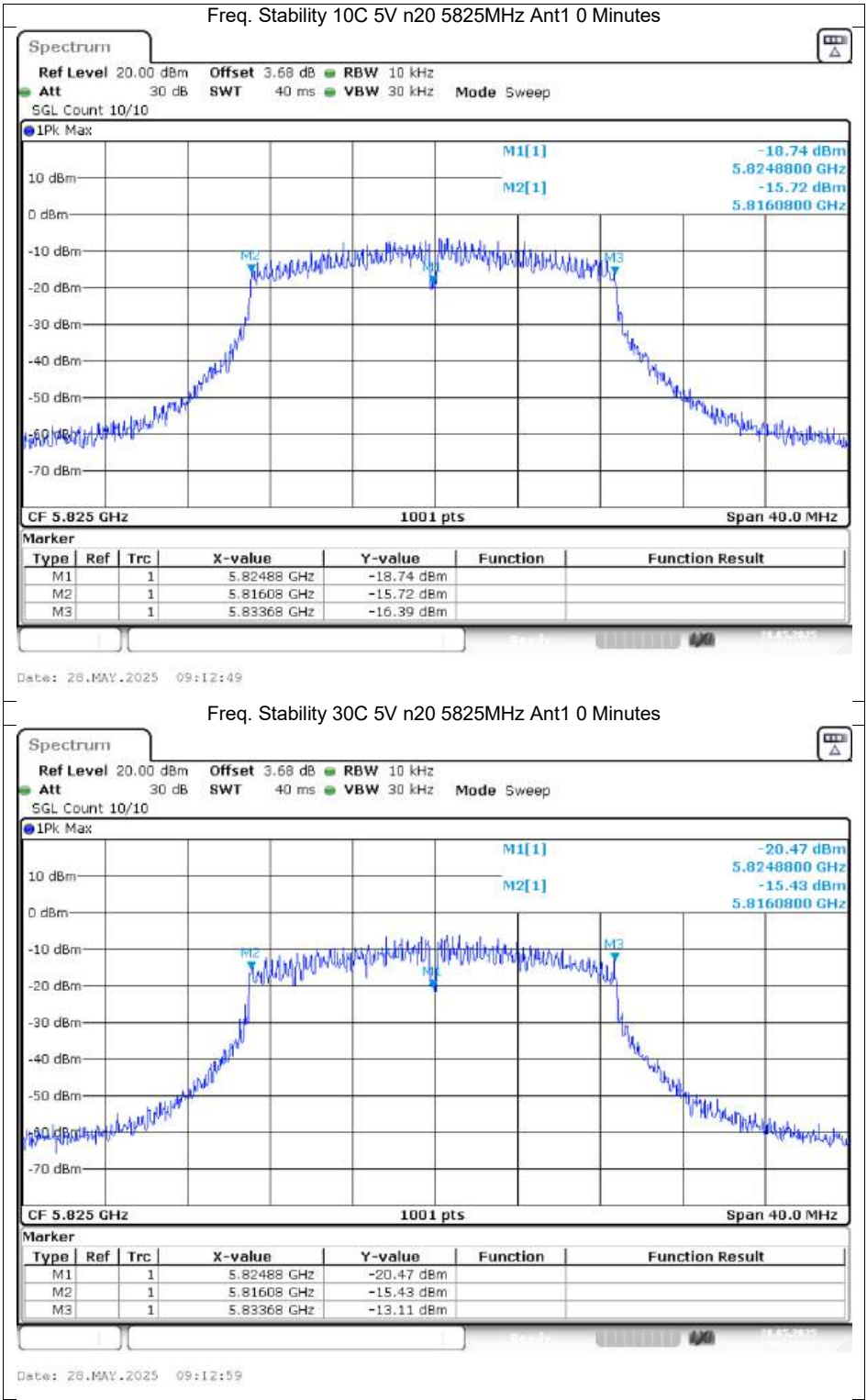


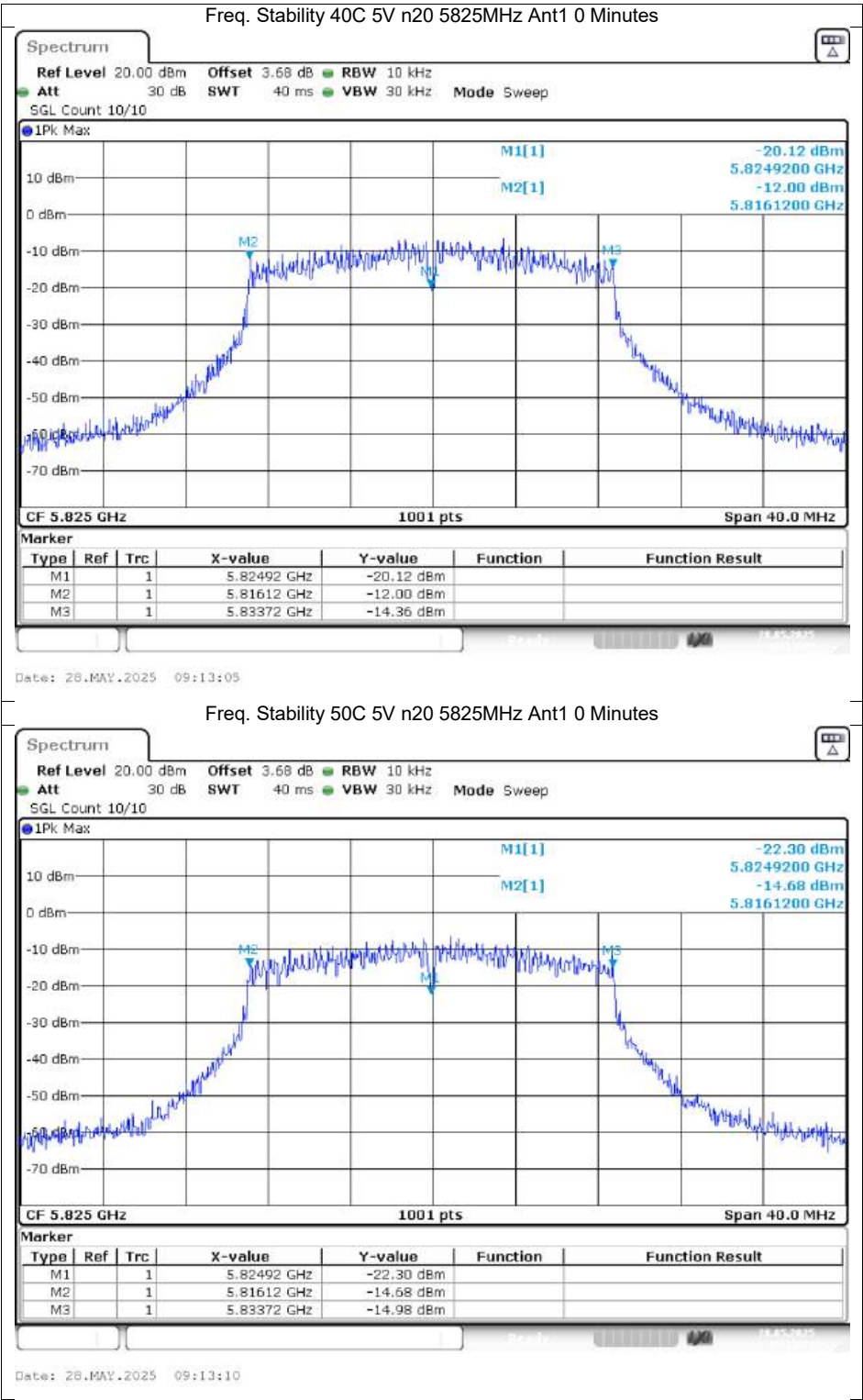


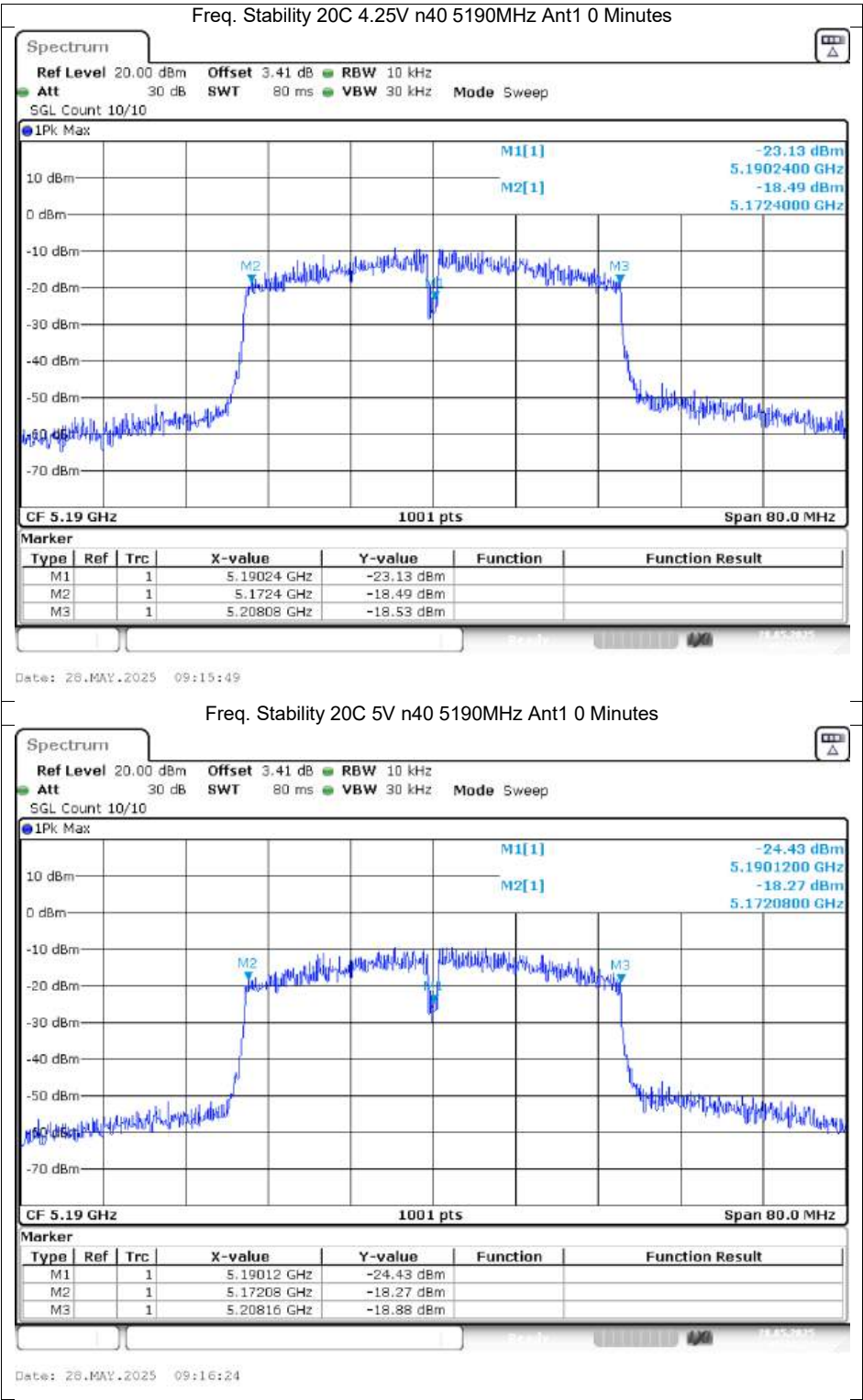


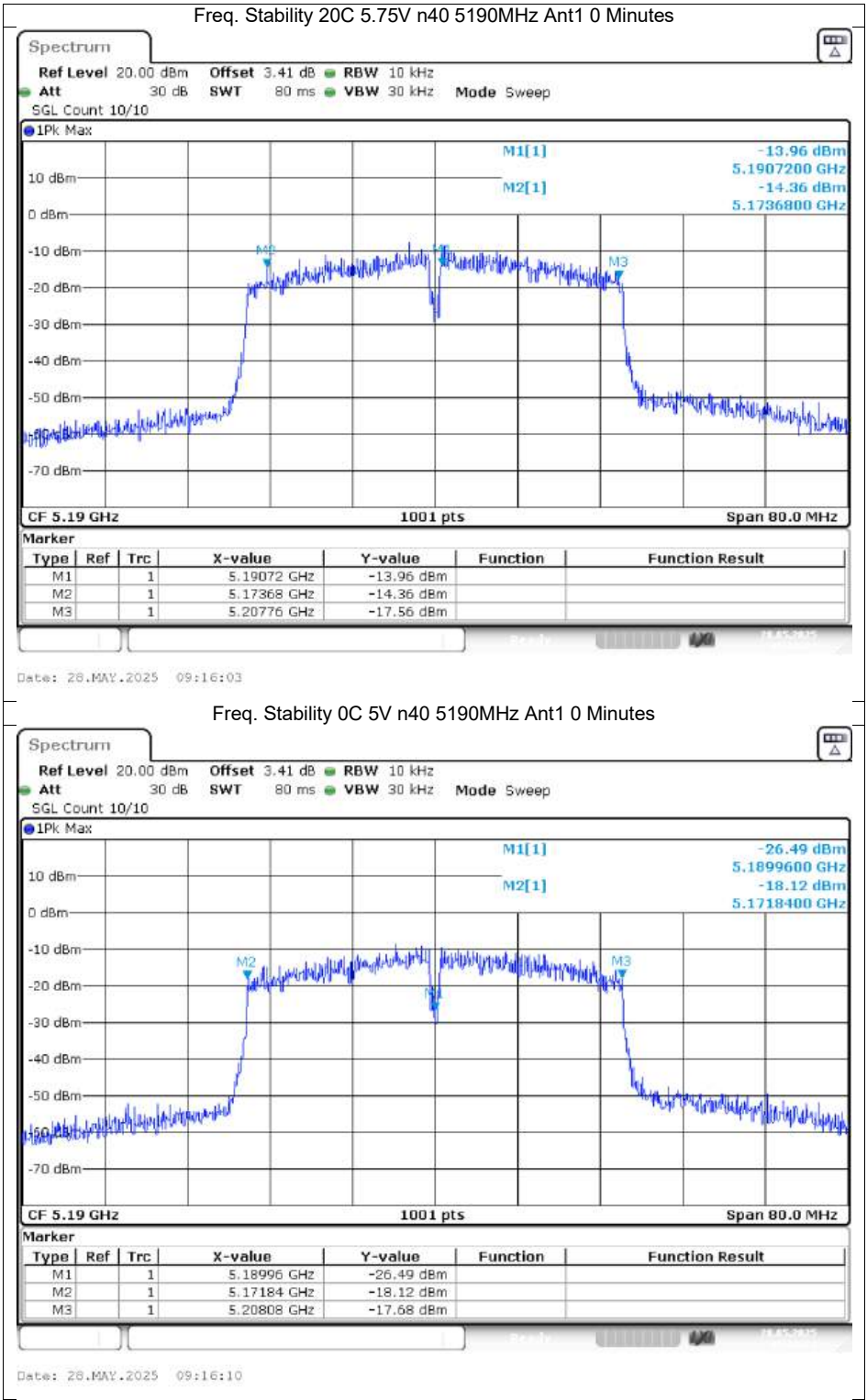


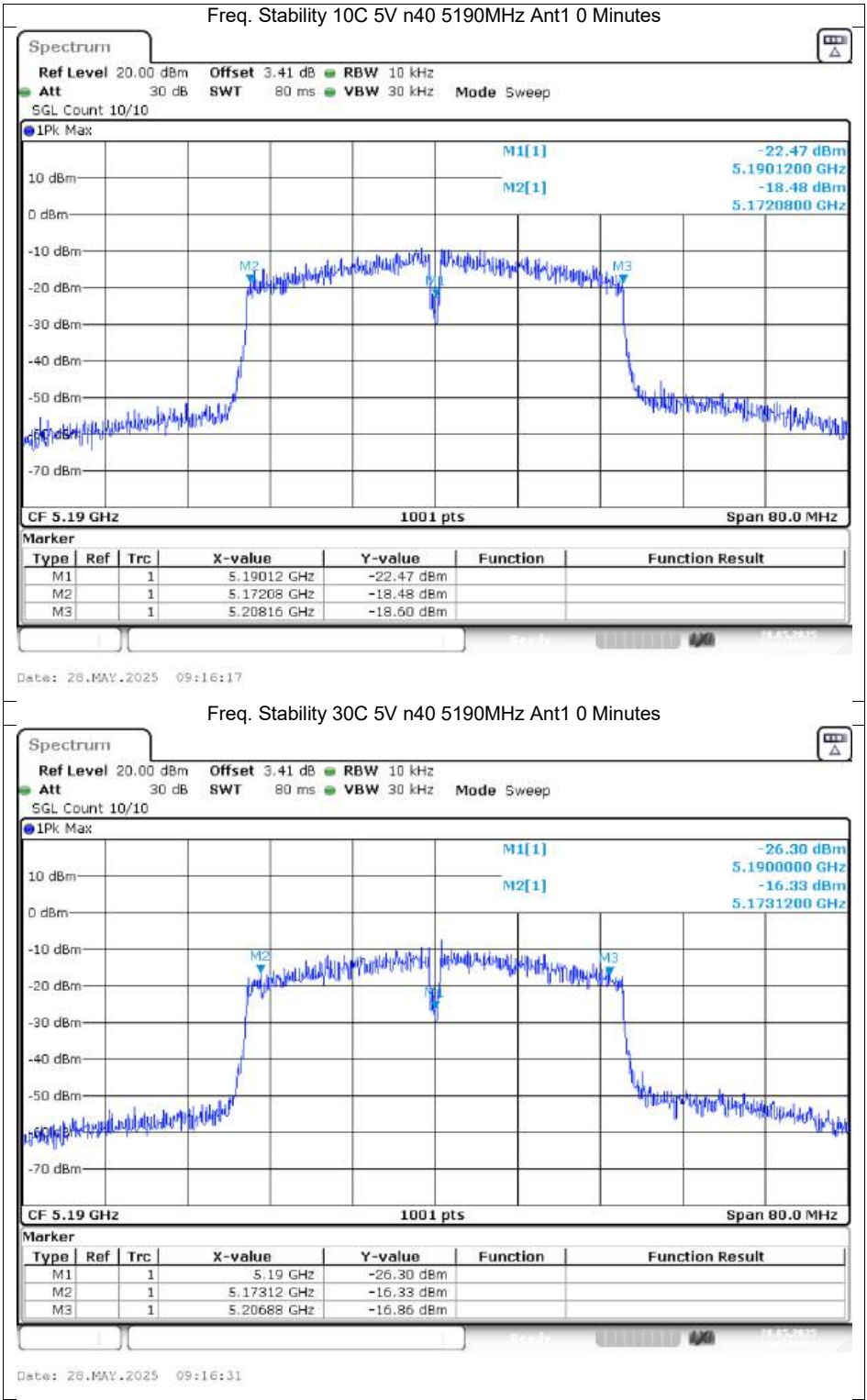


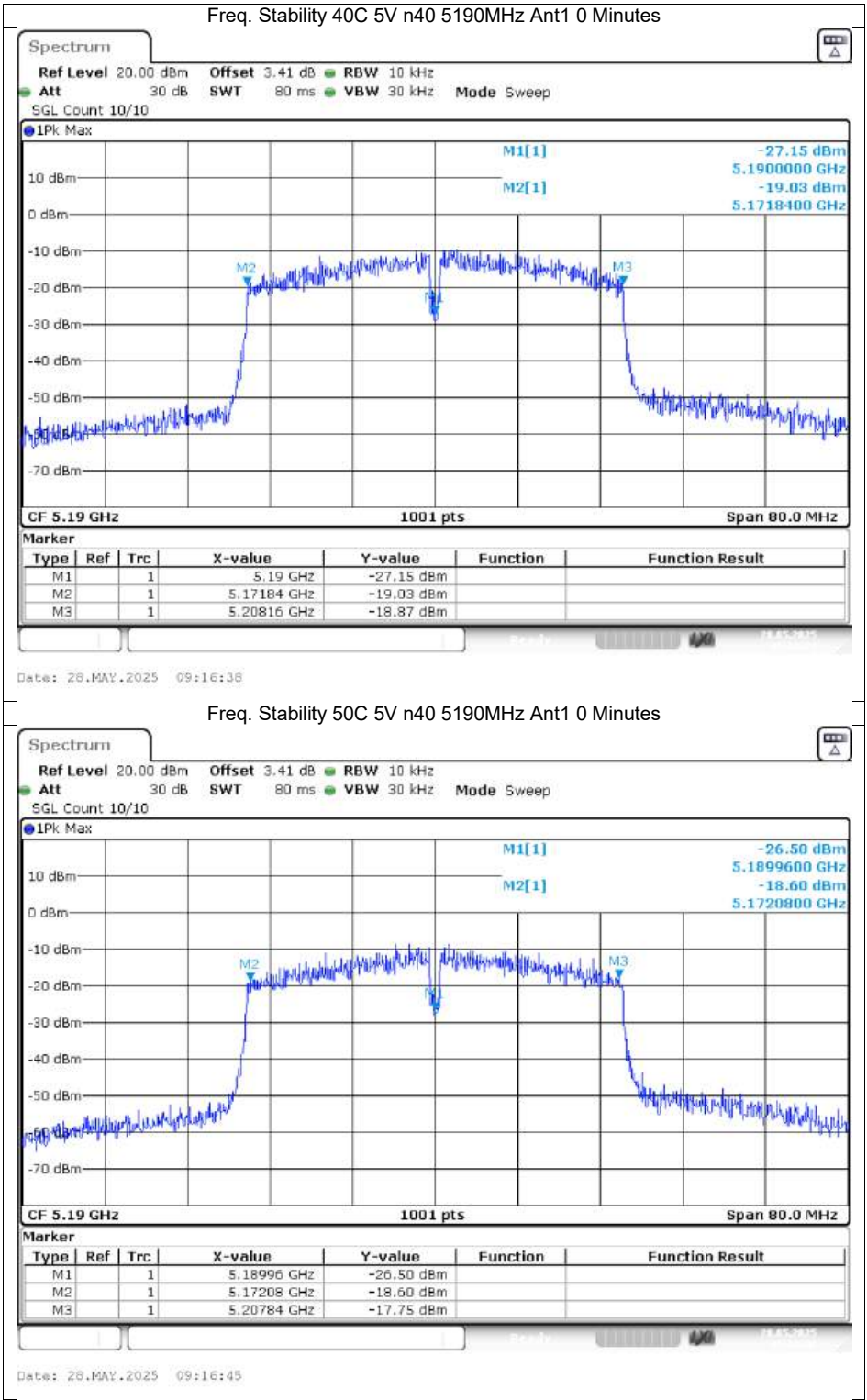


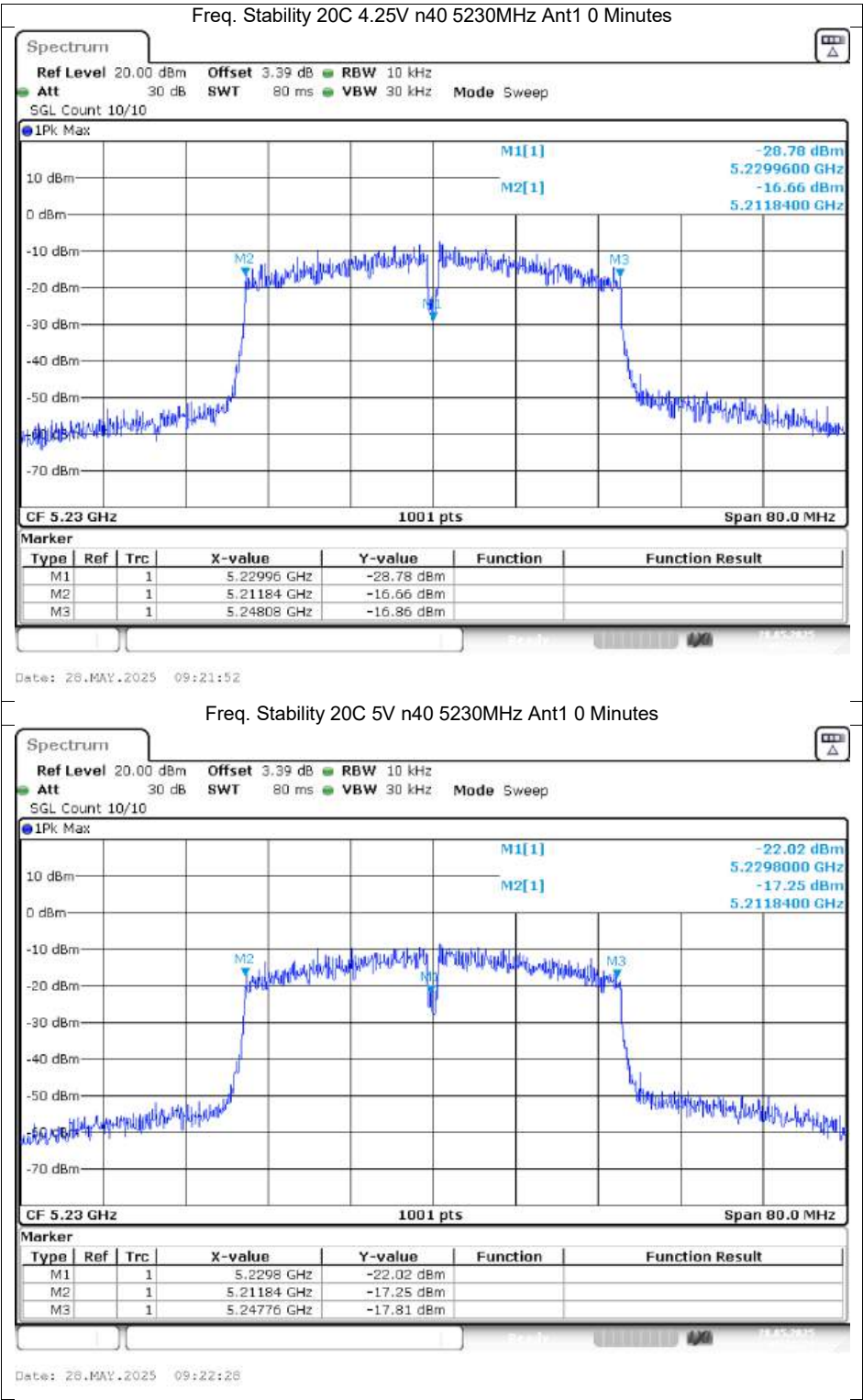


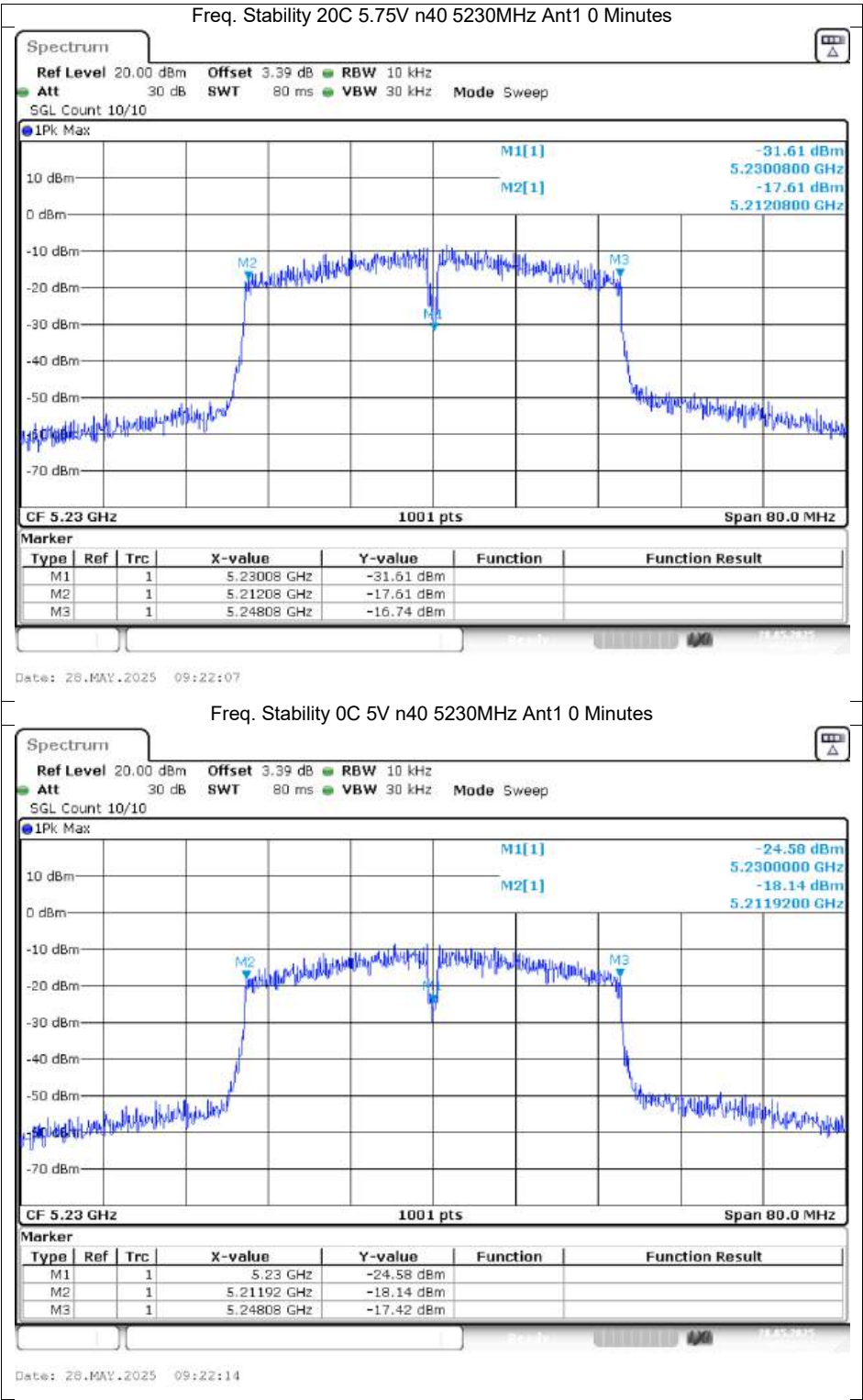


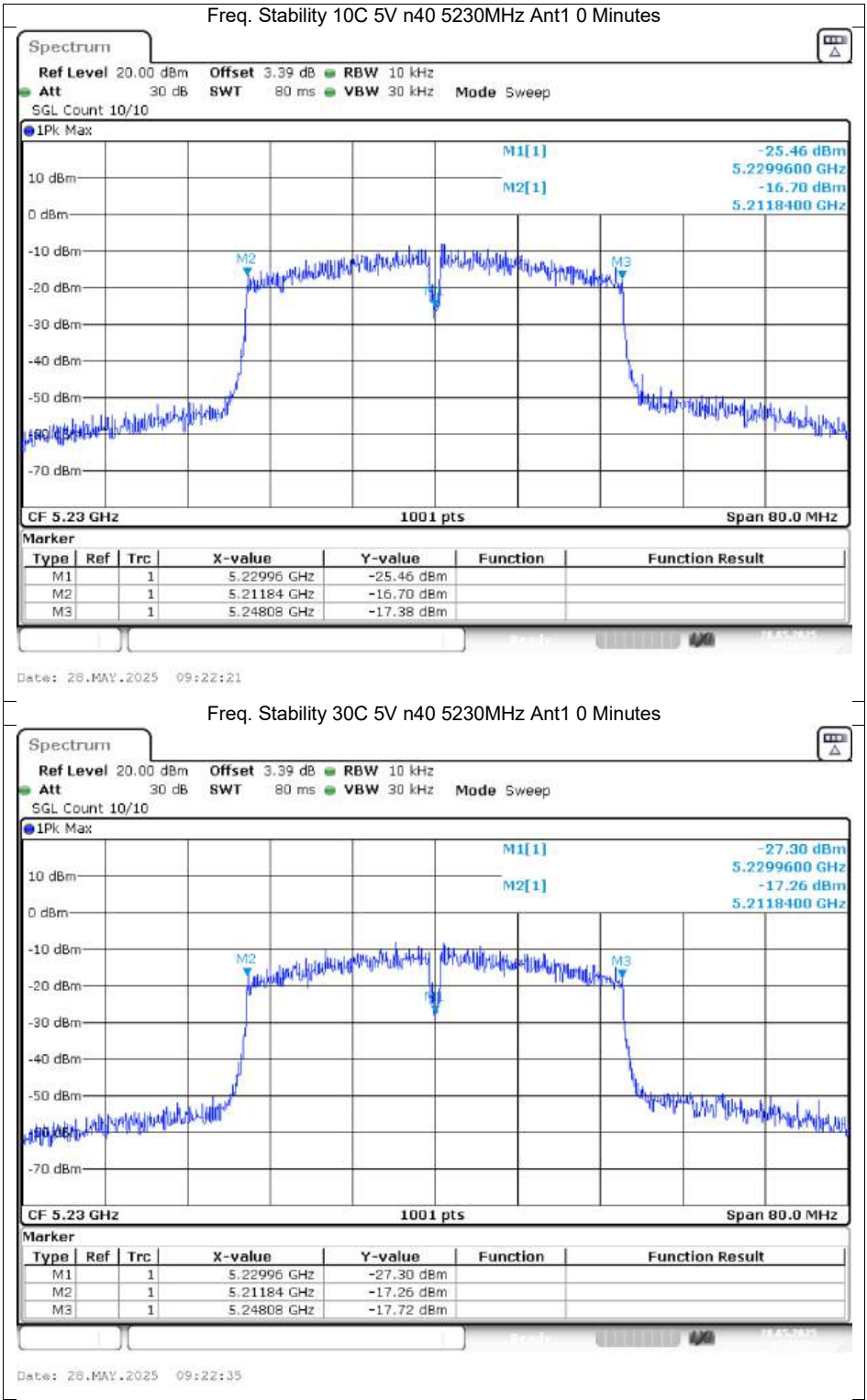


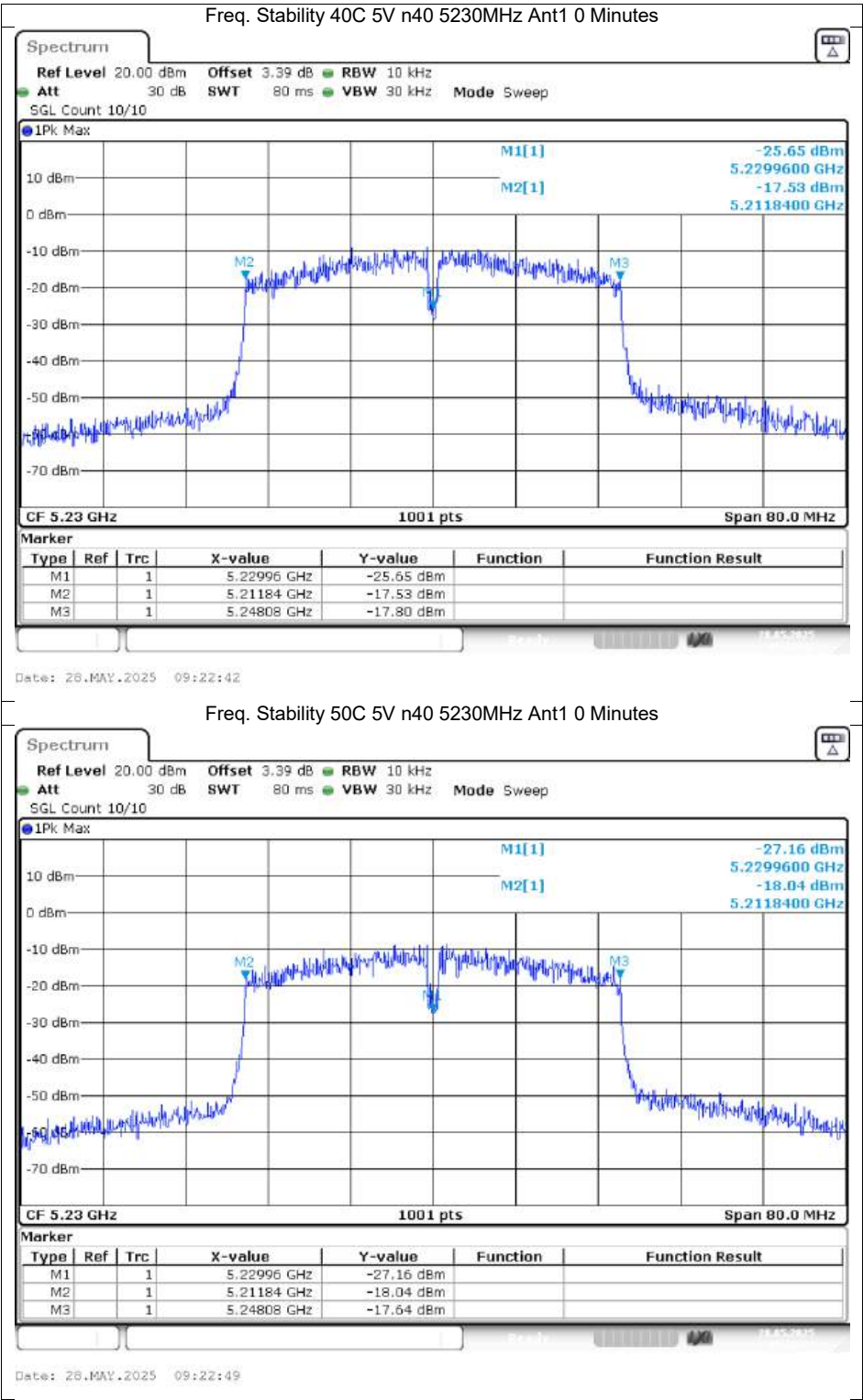


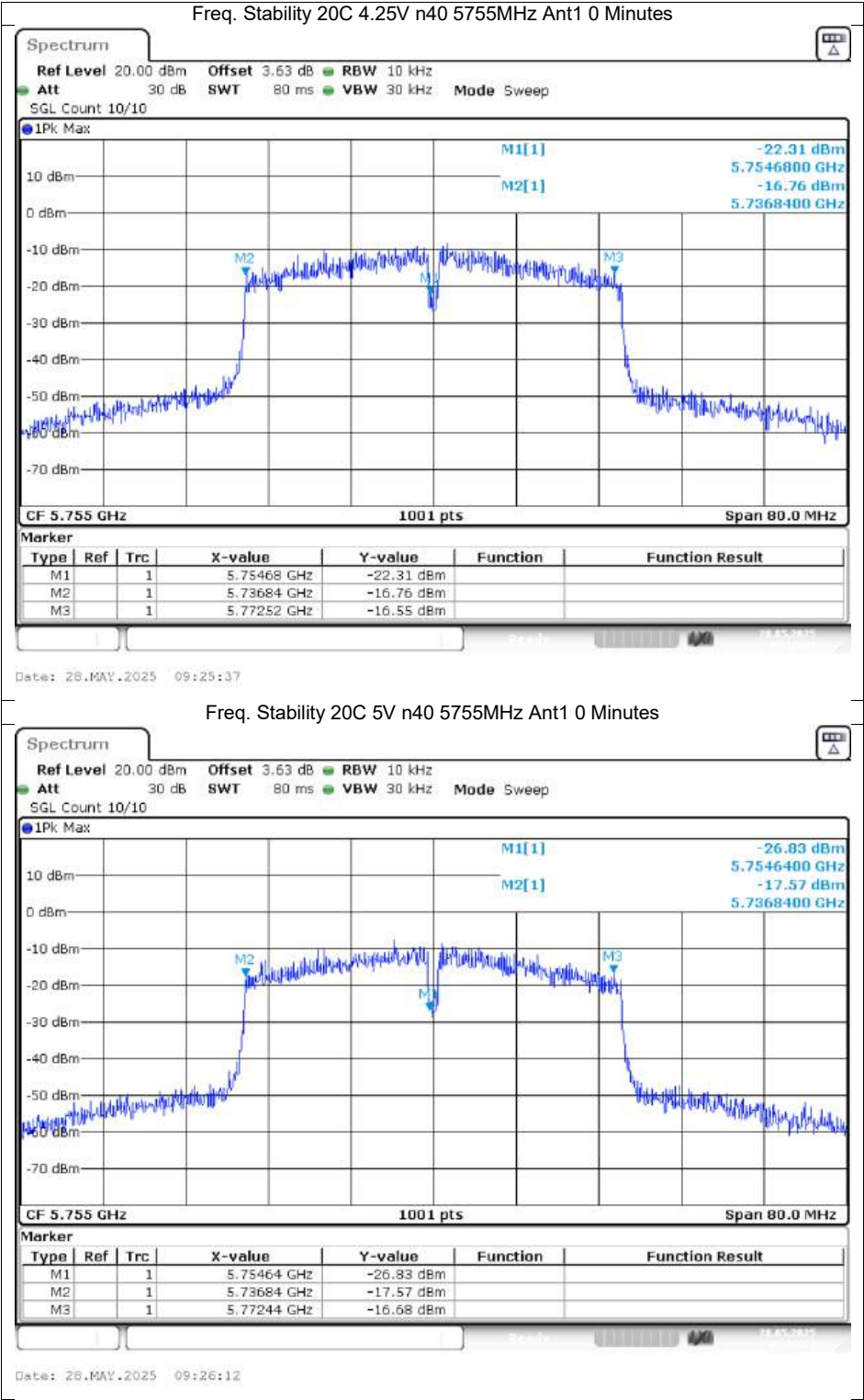


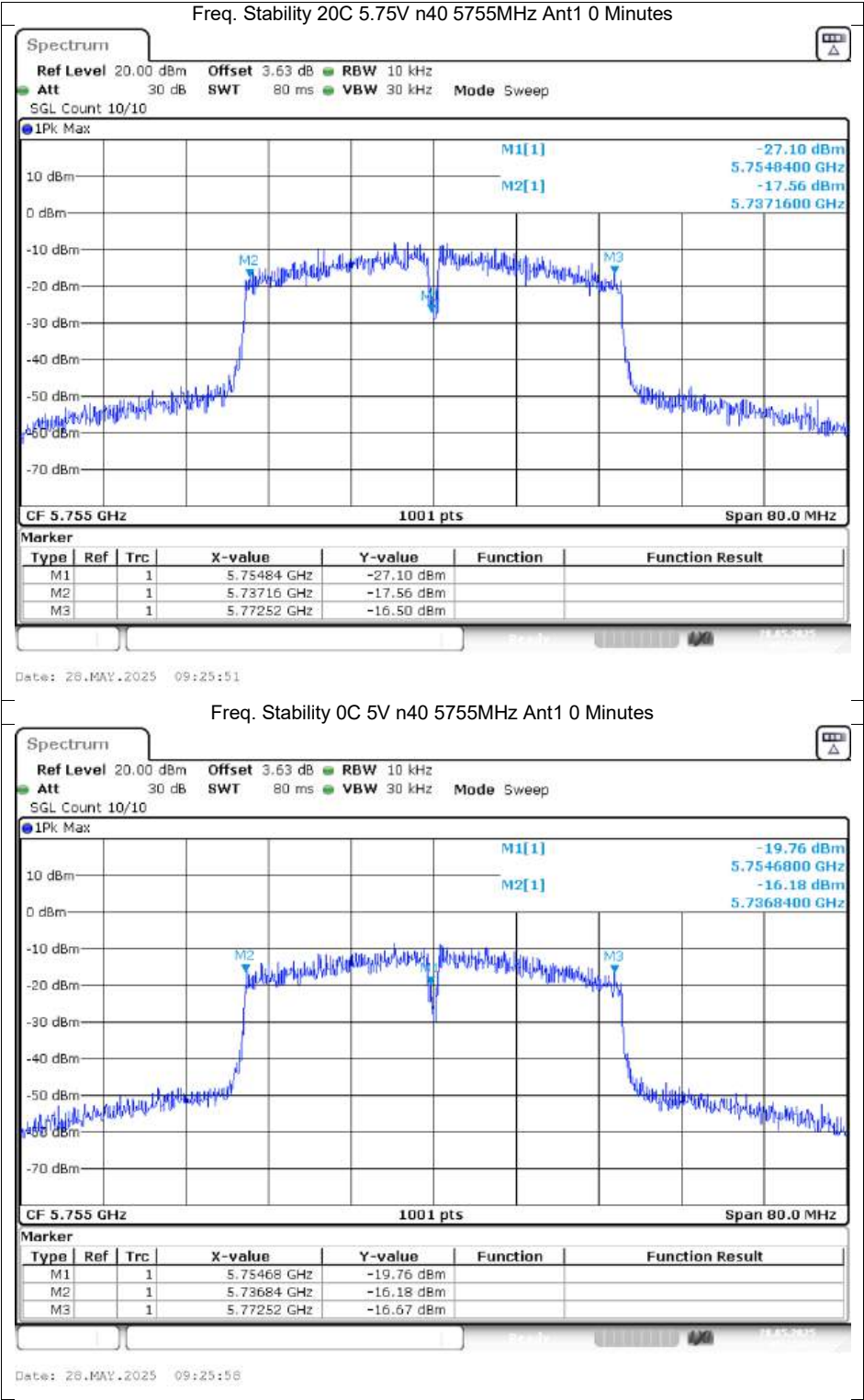


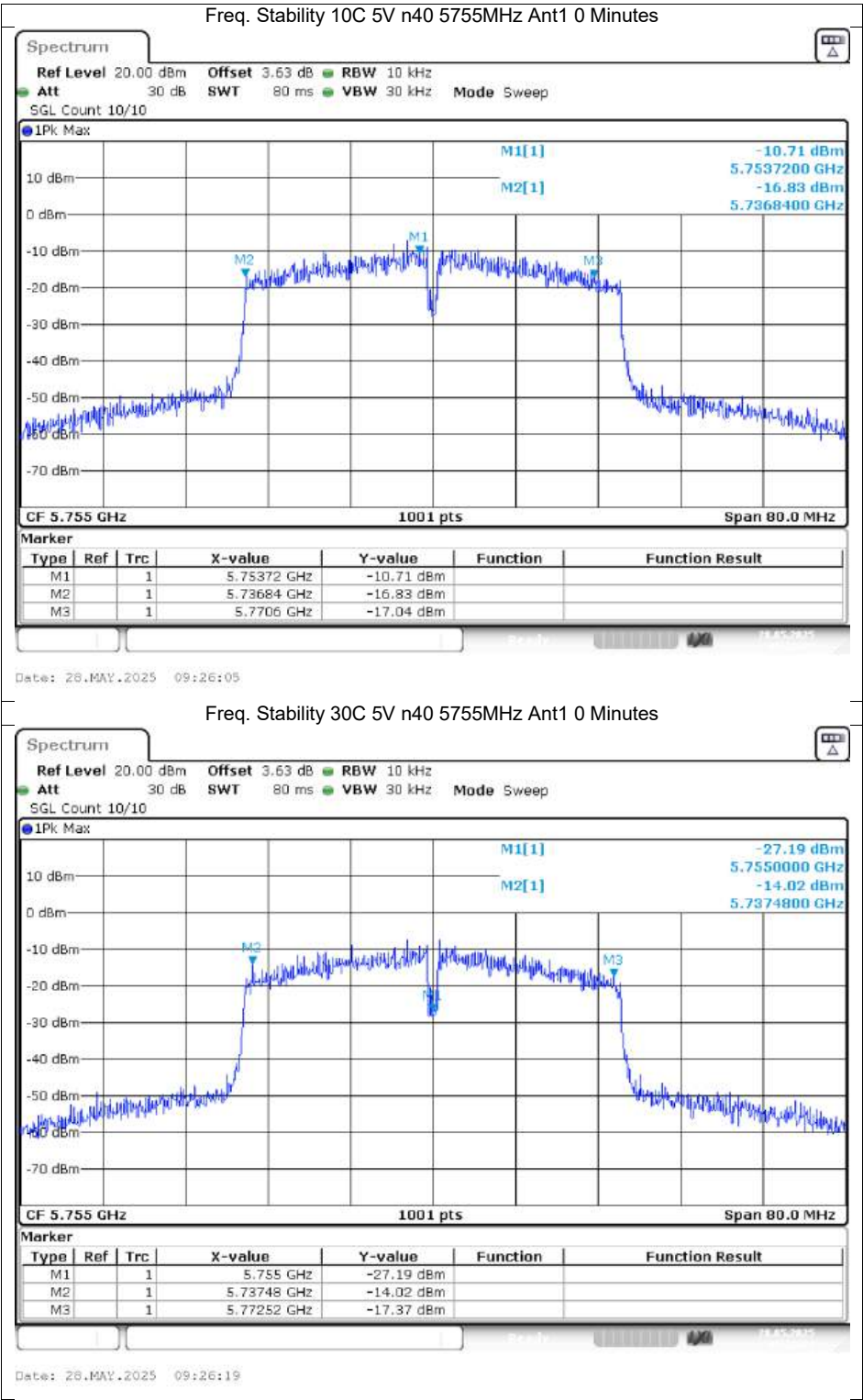


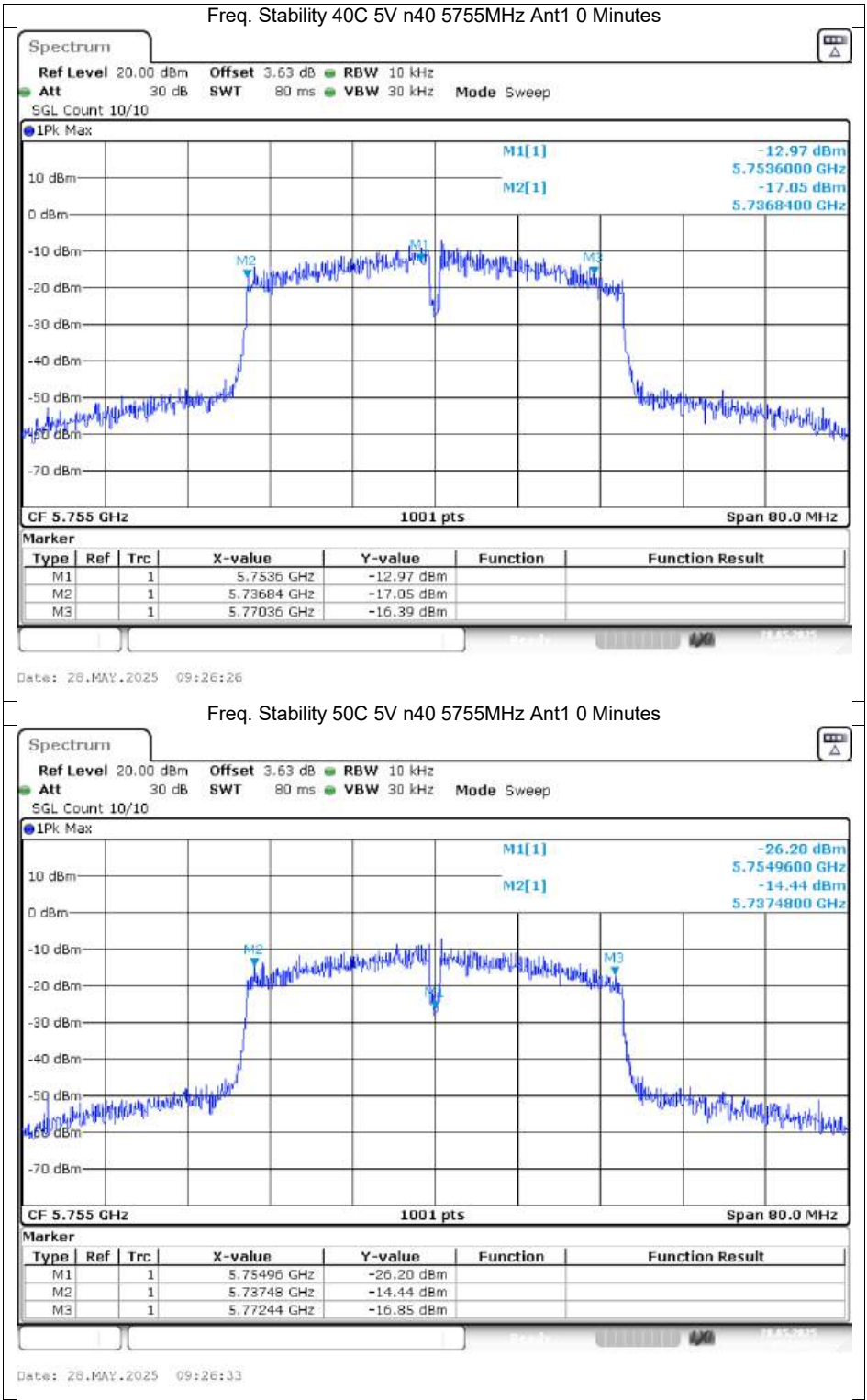


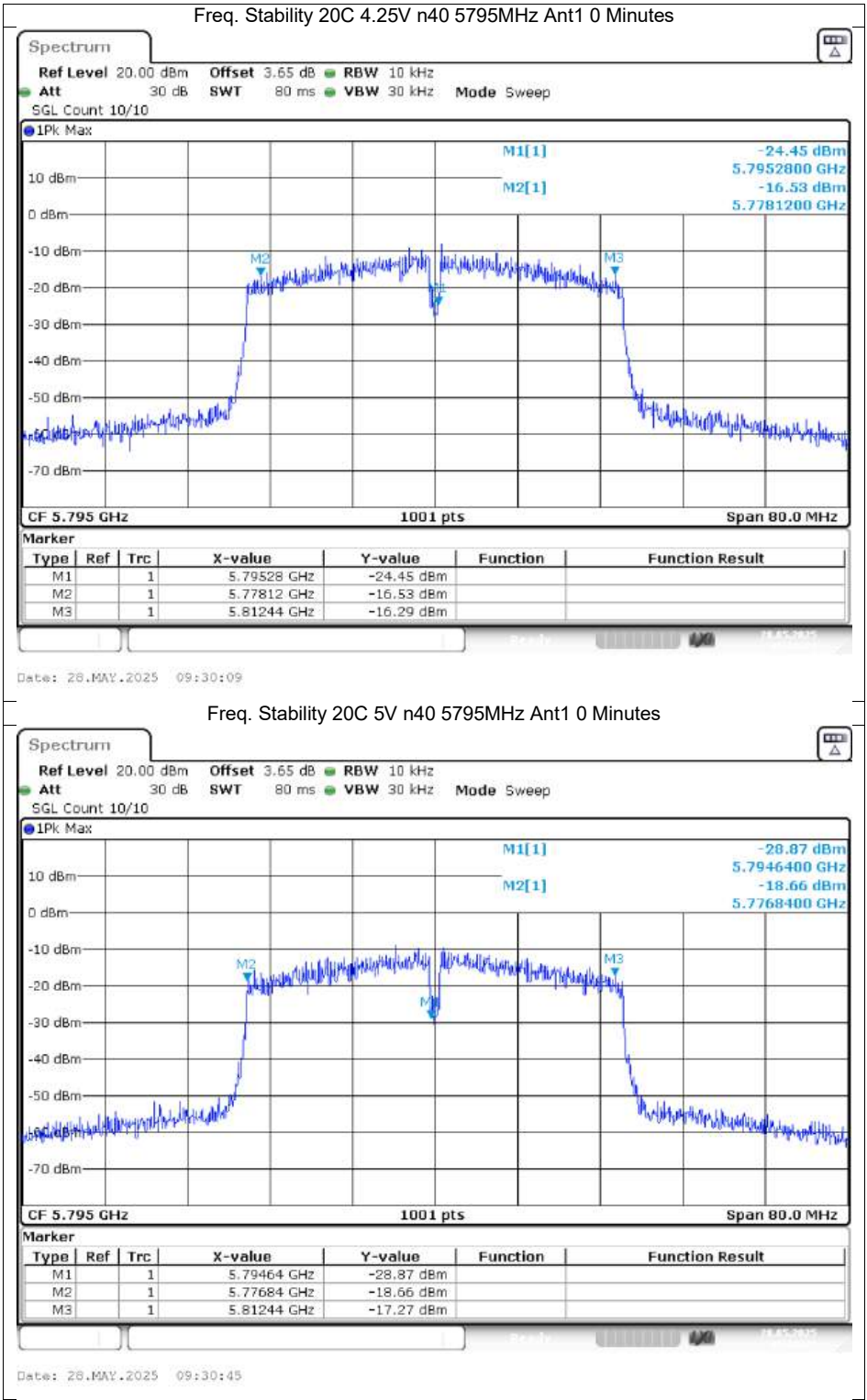


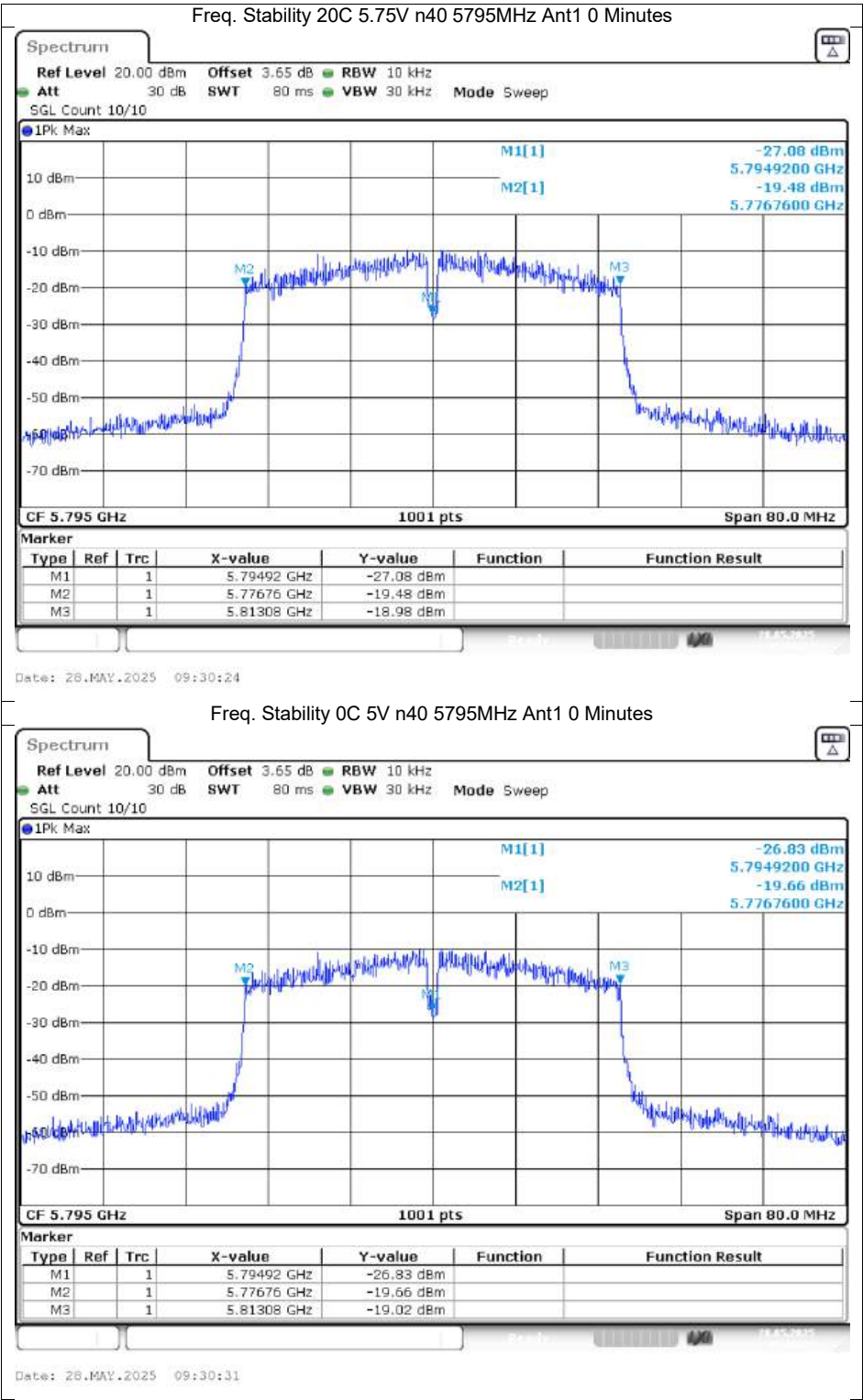


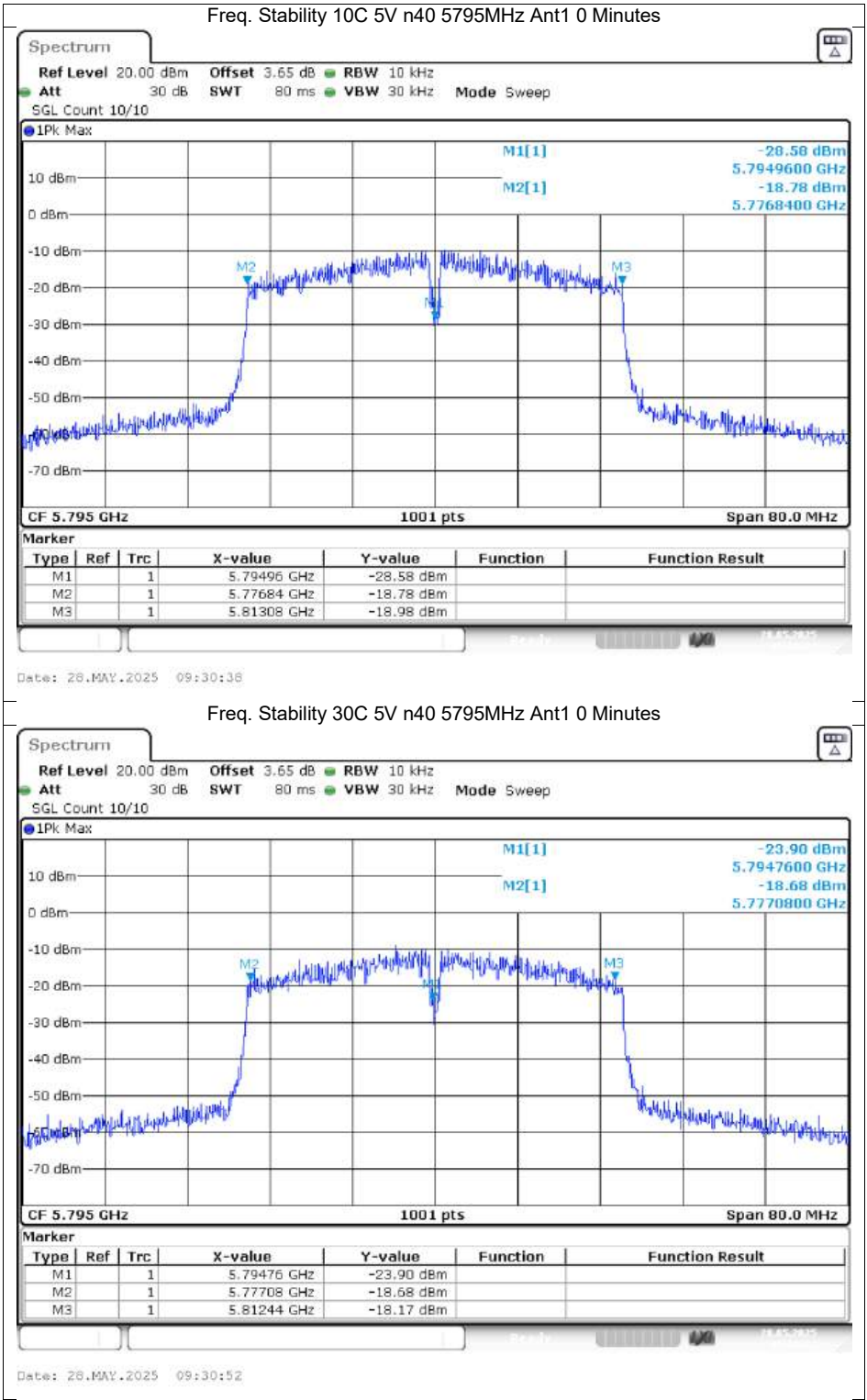


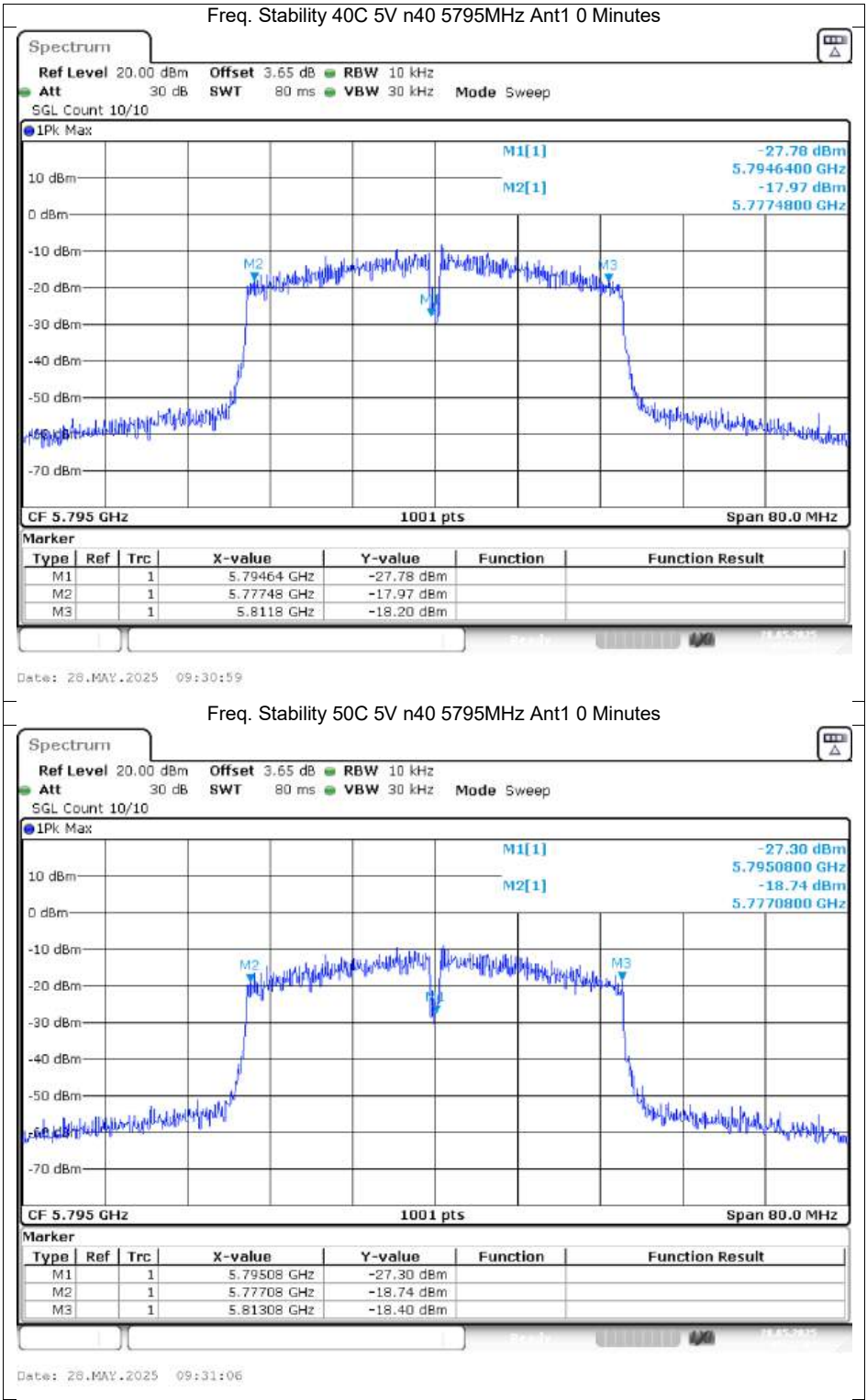












-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	14.67	0.5	Pass
NVNT	a	5785	Ant1	15.66	0.5	Pass
NVNT	a	5825	Ant1	10.47	0.5	Pass
NVNT	n20	5745	Ant1	15.11	0.5	Pass
NVNT	n20	5785	Ant1	13.77	0.5	Pass
NVNT	n20	5825	Ant1	12.93	0.5	Pass
NVNT	n40	5755	Ant1	26.34	0.5	Pass
NVNT	n40	5795	Ant1	31.32	0.5	Pass

