Graphs

Annex to Test Report UPRR020008-02

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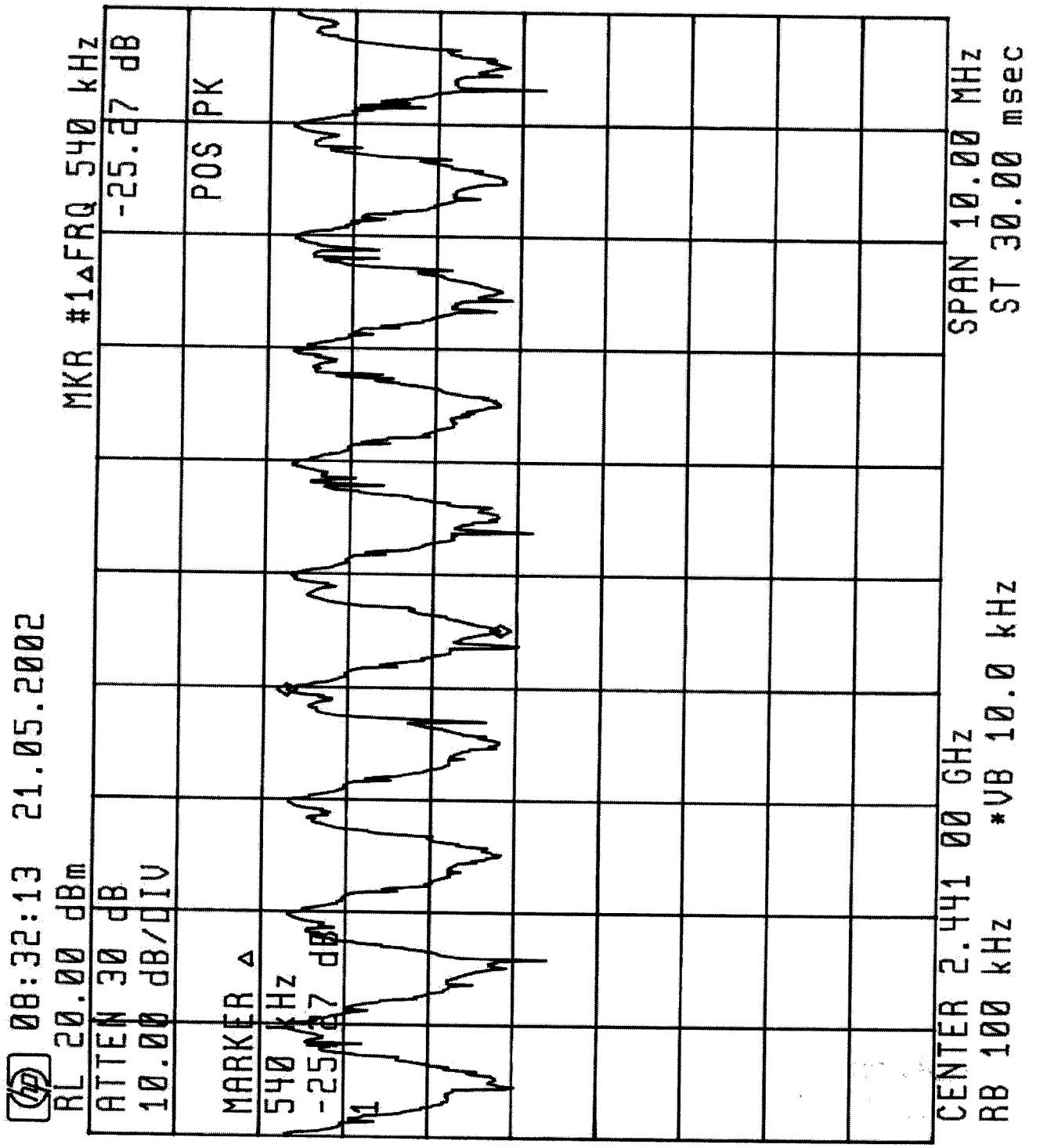
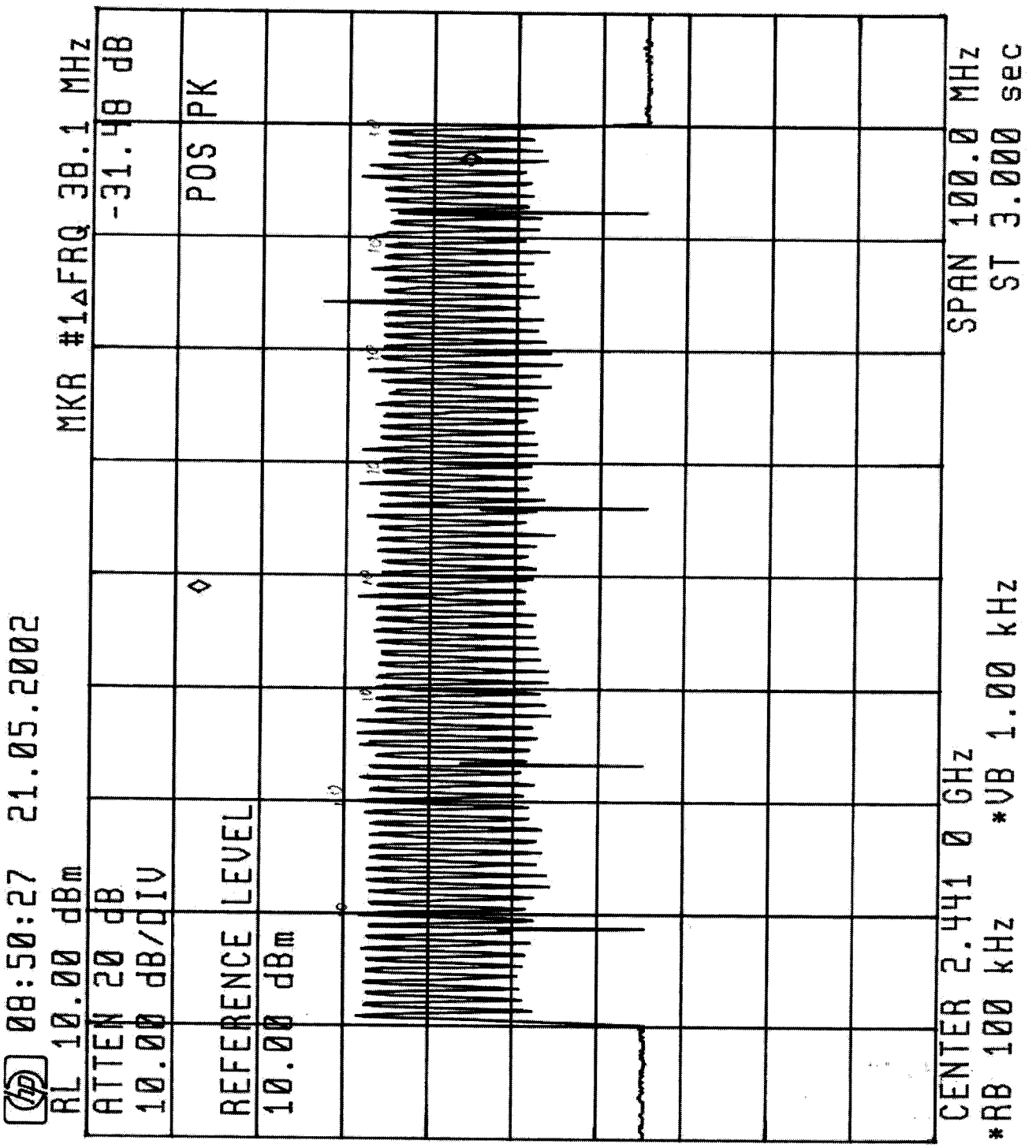
Title: Test on GN Otometrics A/S, NOAHlink, to FCC Part 15 C clause 15.209 and 15.247.

§15.247 (a) (1) – Separation of channels:



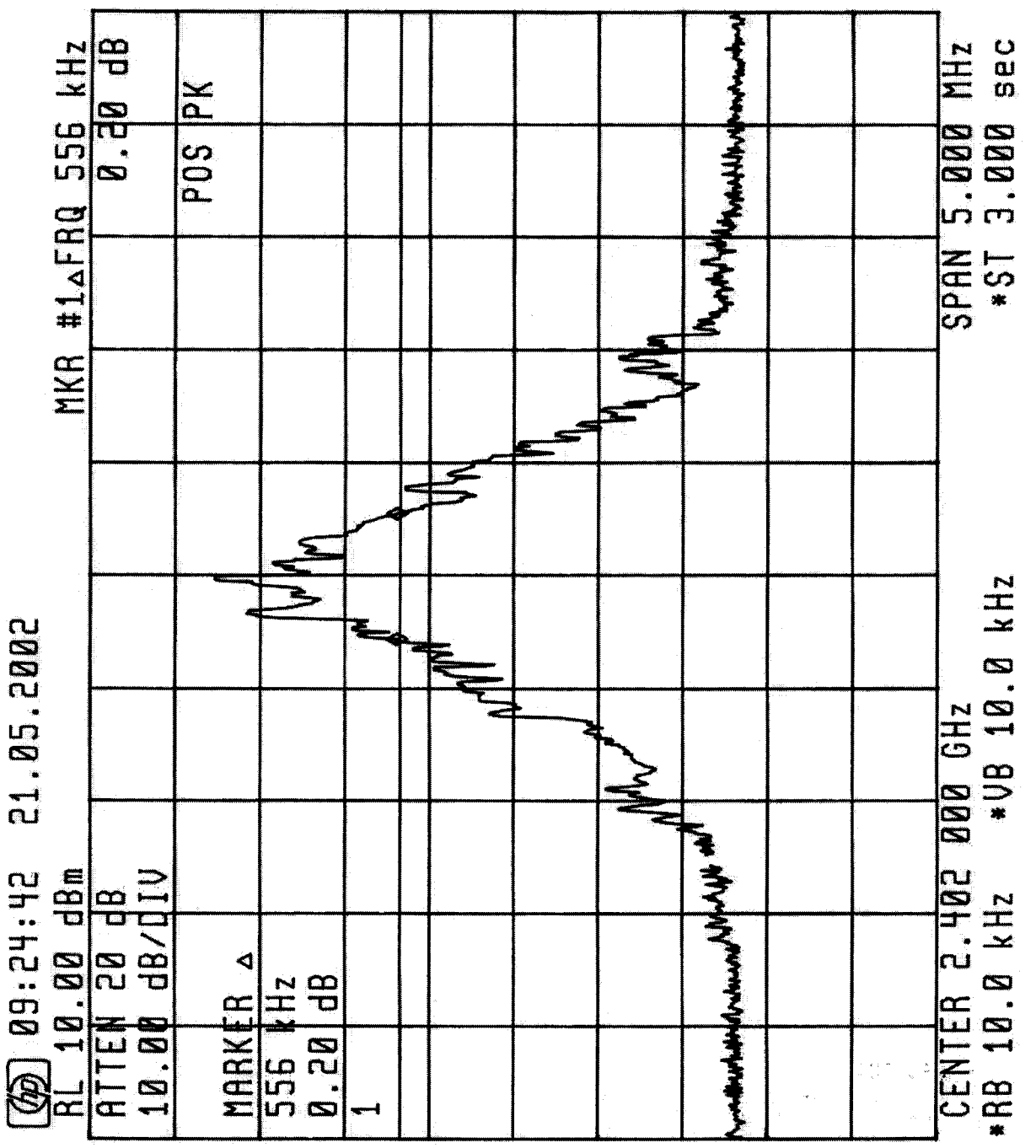
Title: Test on GN Otometrics A/S, NOAHlink, to FCC Part 15 C clause 15.209 and 15.247.

§15.247 (a) (1) – Number of hopping channels:



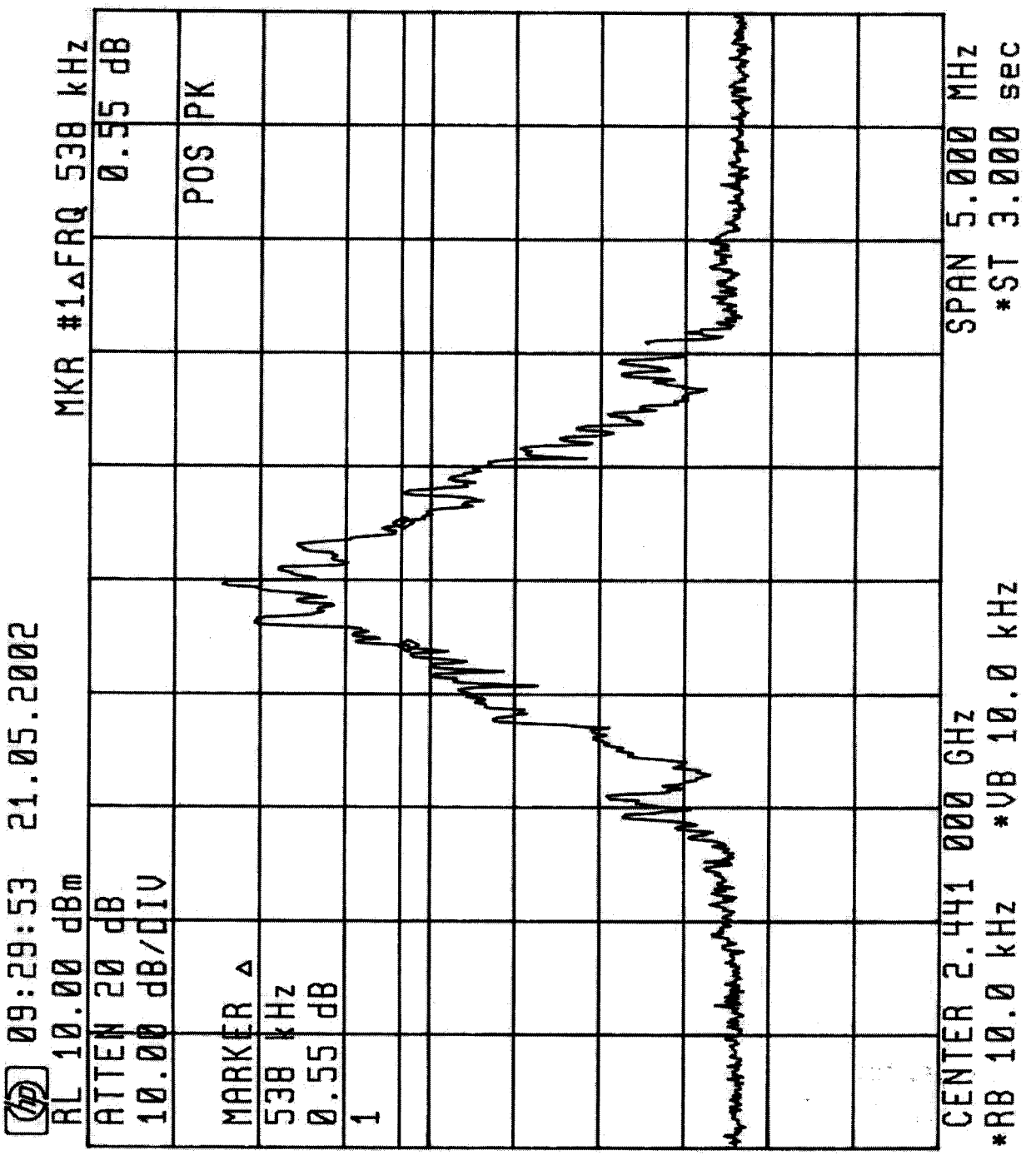
Title: Test on GN Otometrics A/S, NOAHlink, to FCC Part 15 C clause 15.209 and 15.247.

§15.247 (a) (1) – 20 dB bandwidth (lowest TX channel):



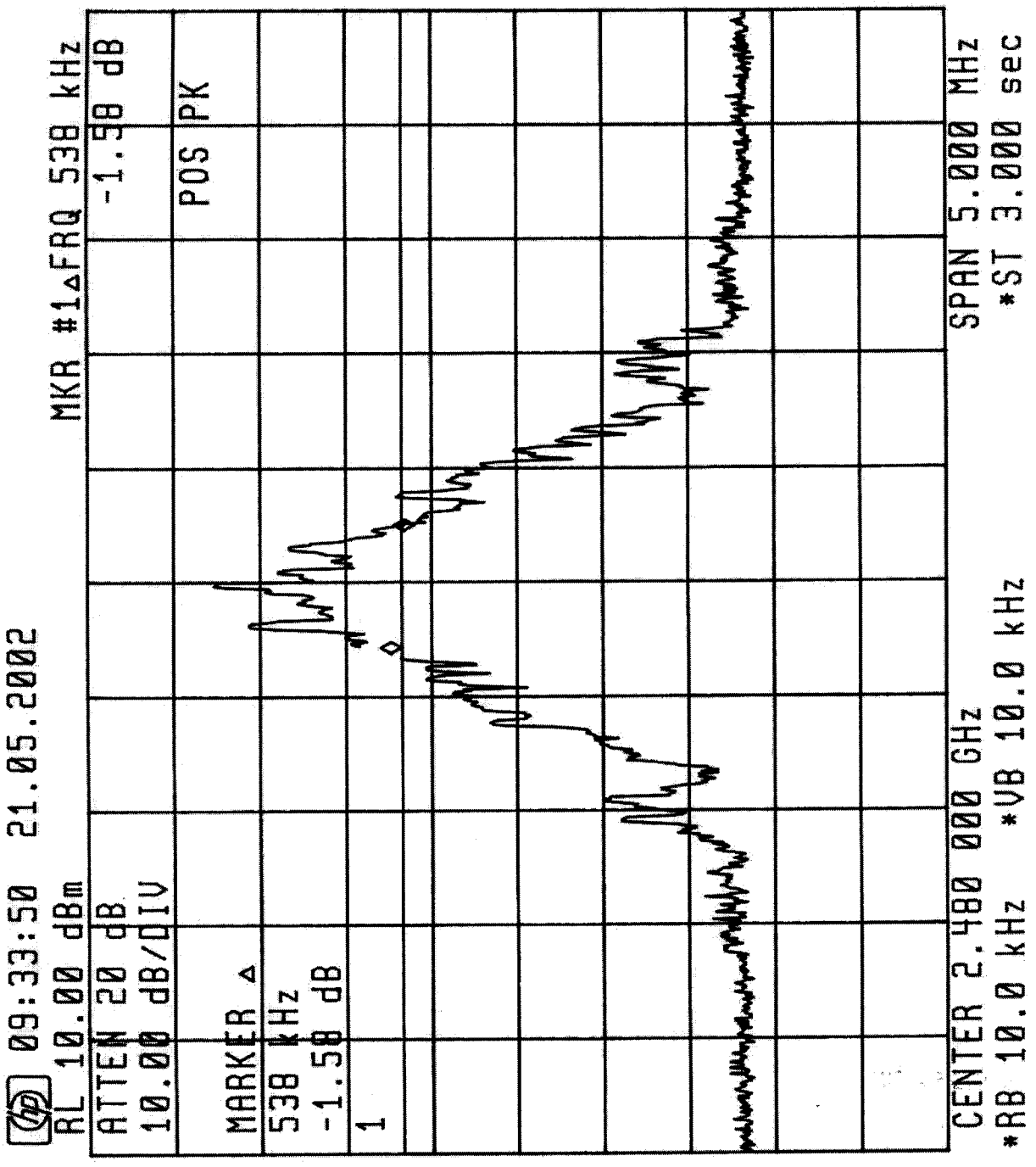
Title: Test on GN Otometrics A/S, NOAHlink, to FCC Part 15 C clause 15.209 and 15.247.

§15.247 (a) (1) – 20 dB bandwidth (centre TX channel):



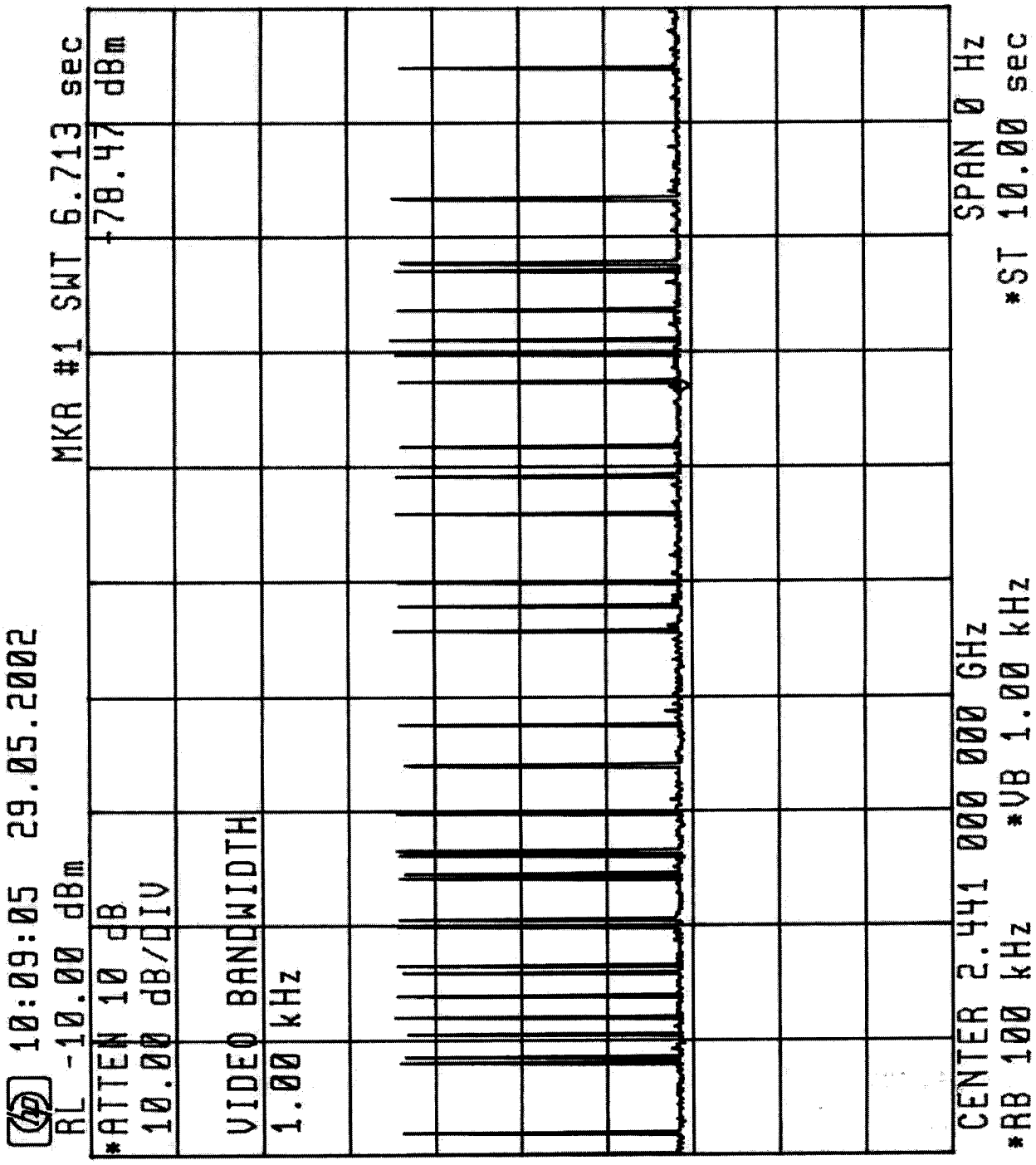
Title: Test on GN Otometrics A/S, NOAHlink, to FCC Part 15 C clause 15.209 and 15.247.

§15.247 (a) (1) – 20 dB bandwidth (highest TX channel):



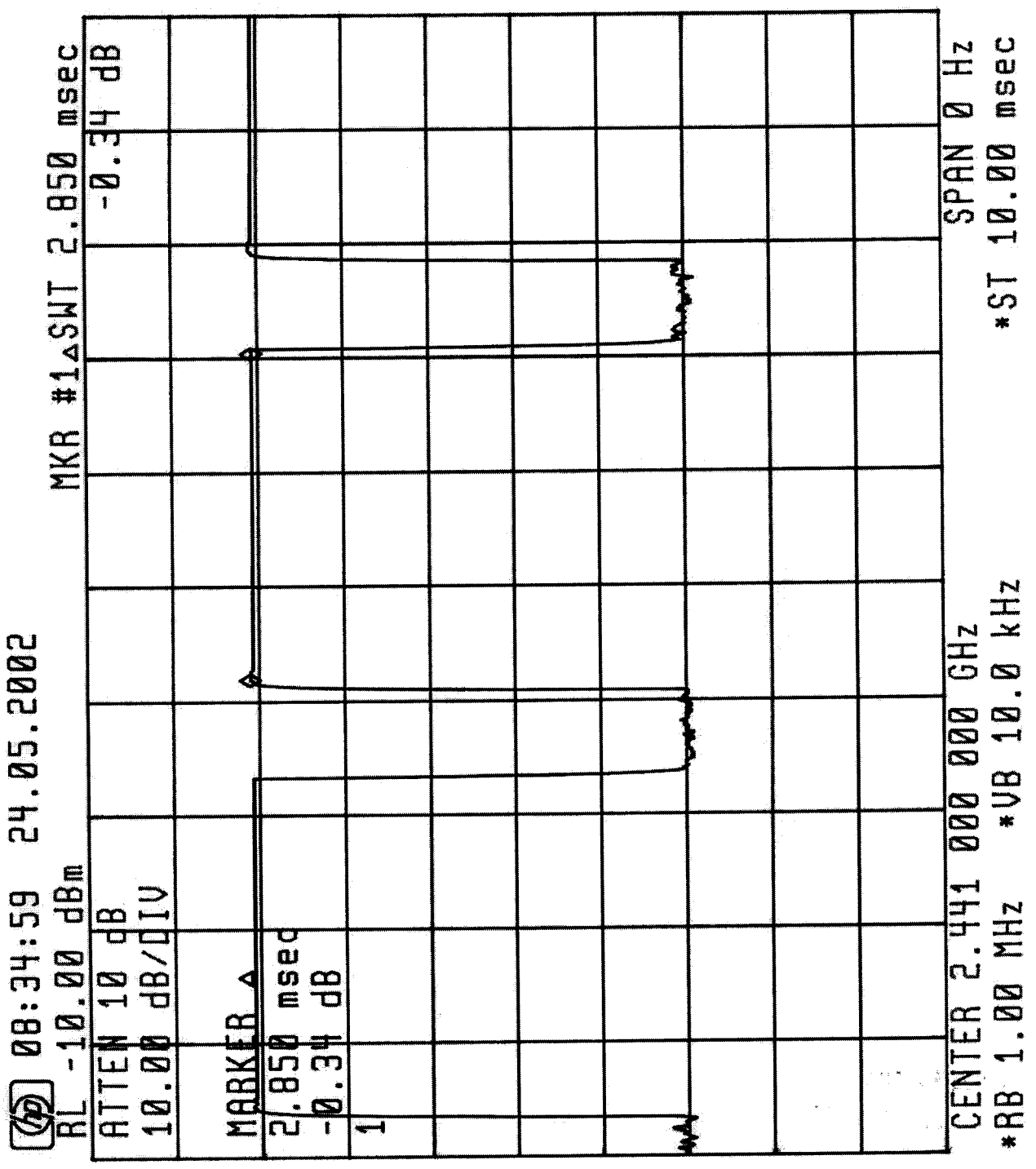
Title: Test on GN Otometrics A/S, NOAHlink, to FCC Part 15 C clause 15.209 and 15.247.

§15.247 (a) (1) – Occupancy of individual frequencies (Hops on single Ch. in 10-sec. period):



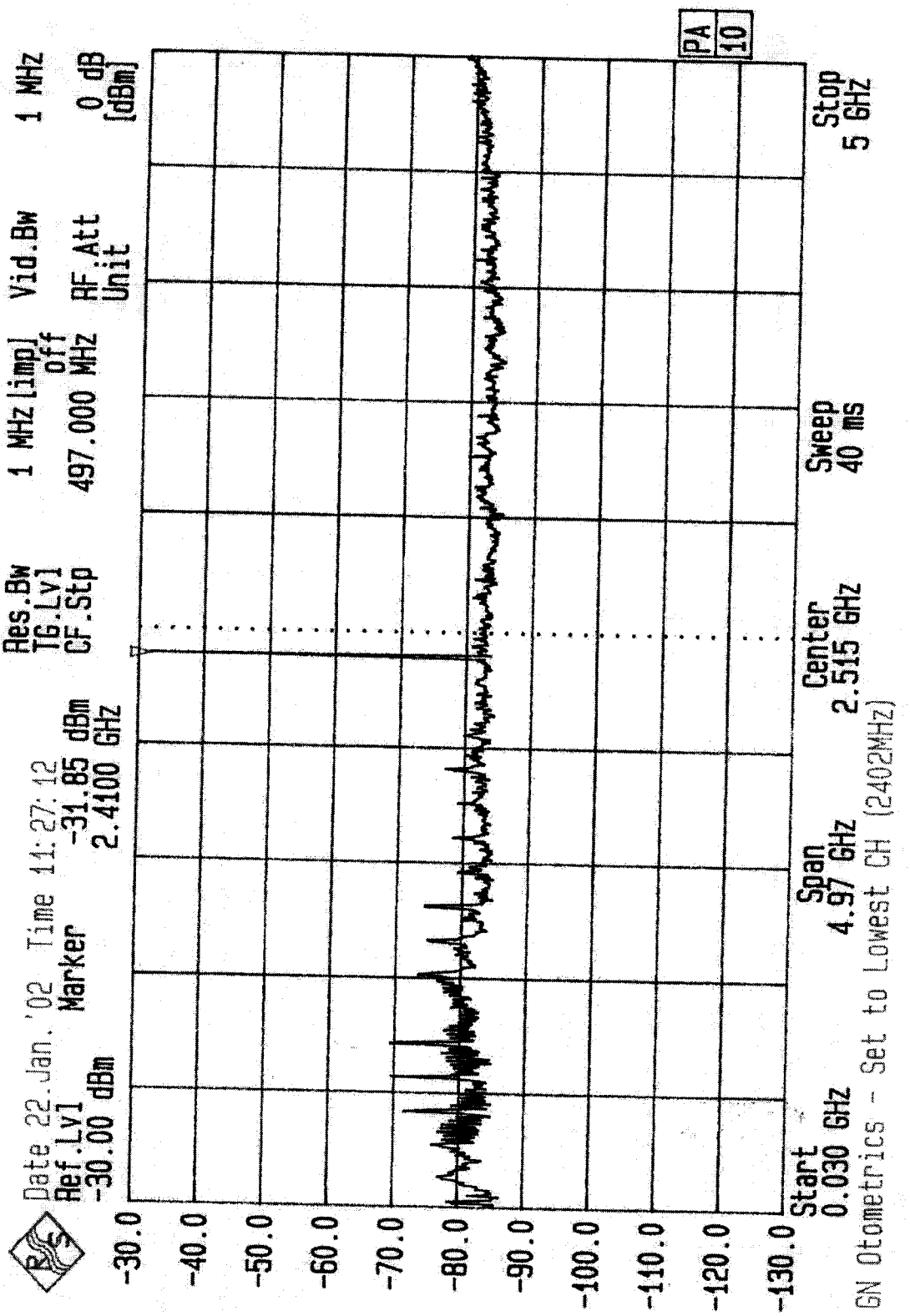
Title: Test on GN Otometrics A/S, NOAHlink, to FCC Part 15 C clause 15.209 and 15.247.

§15.247 (a) (1) – Occupancy of individual frequencies (maximum TX slot time):



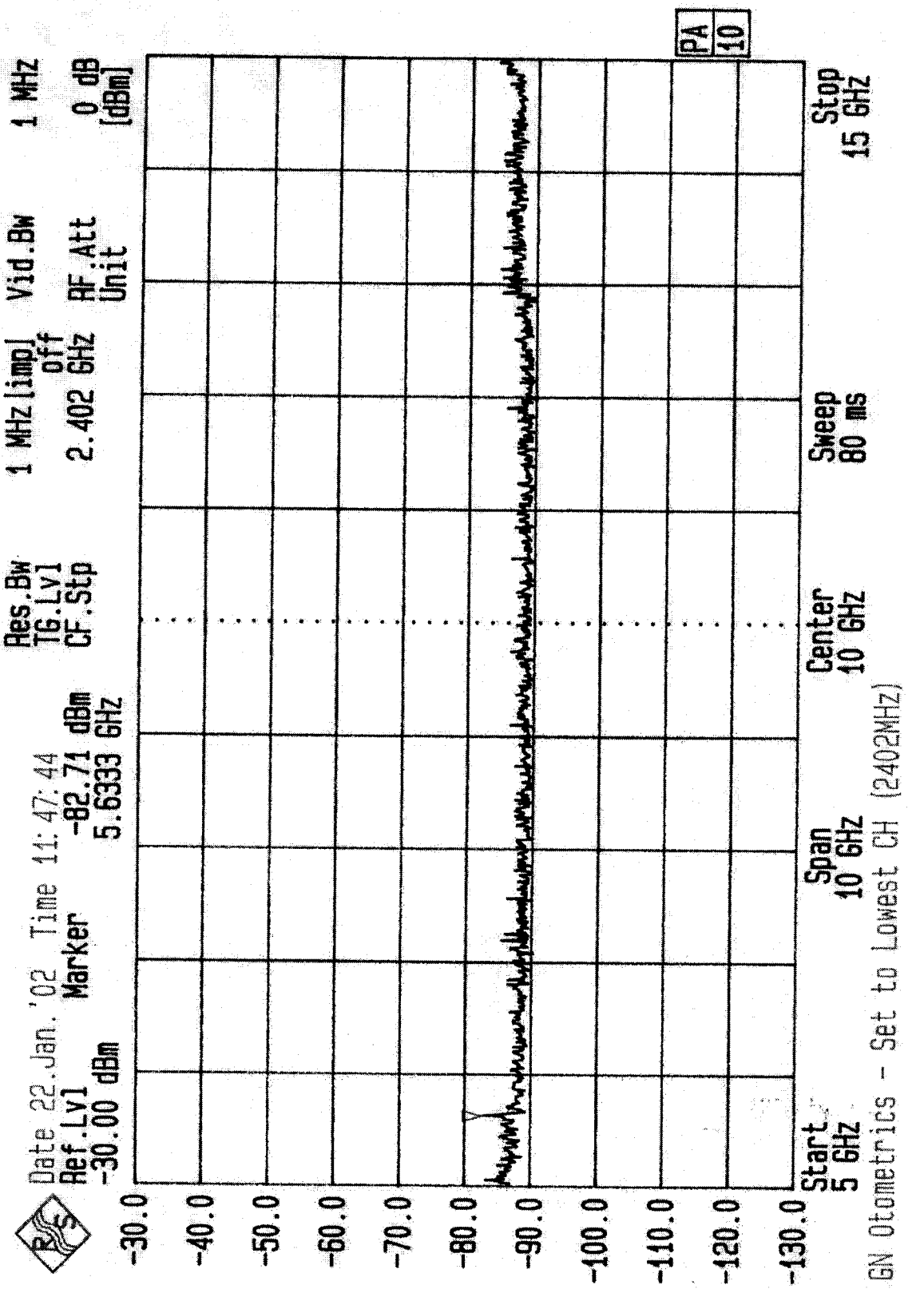
Title: Test on GN Otometrics A/S, NOAHlink, to FCC Part 15 C clause 15.209 and 15.247.

§15.247 (c) –Radiated emission Prescan with TX at lowest channel (0.03 – 5GHz):



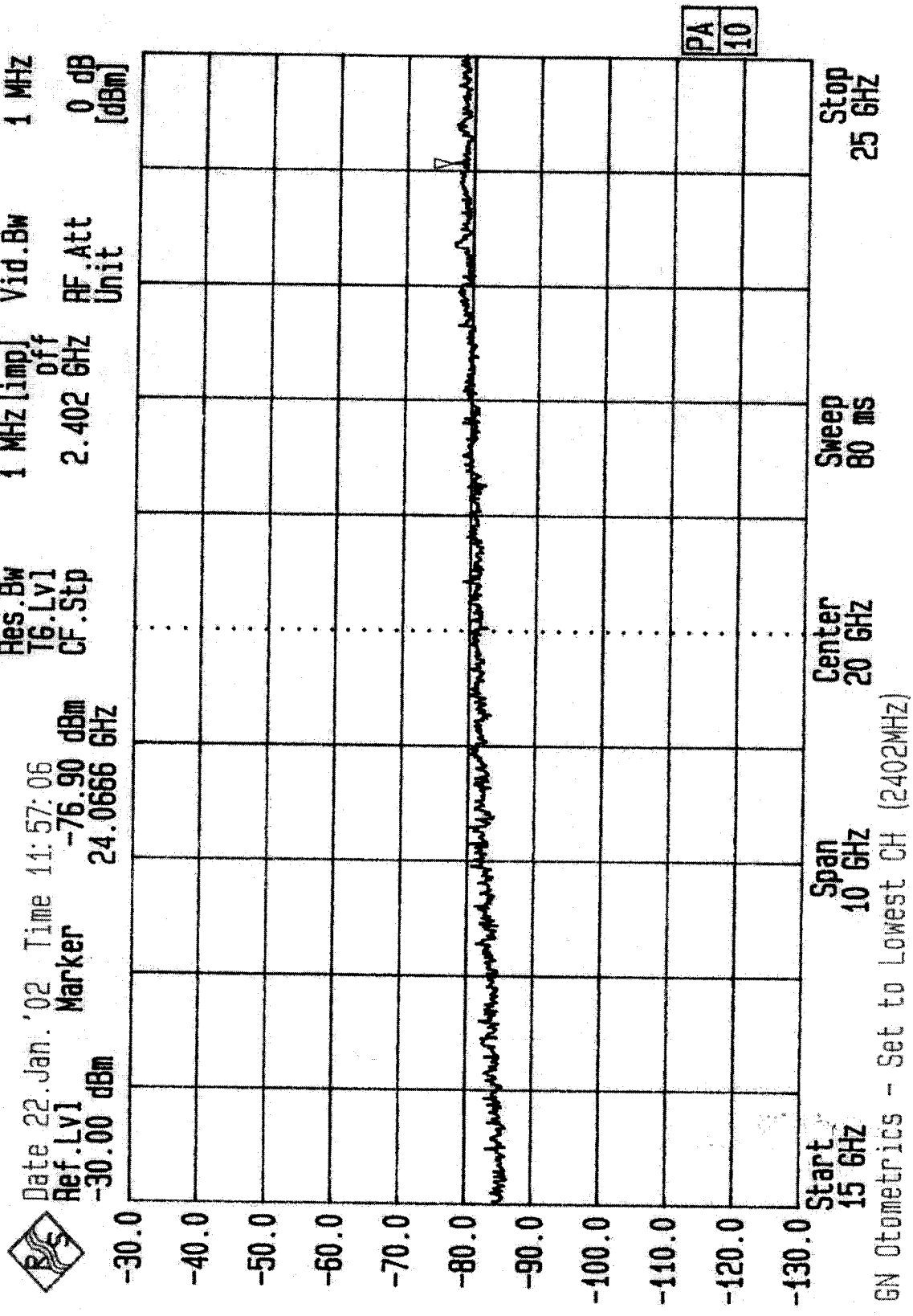
Title: Test on GN Otometrics A/S, NOAHlink, to FCC Part 15 C clause 15.209 and 15.247.

§15.247 (c) –Radiated emission Prescan with TX at lowest channel (5 – 15GHz):



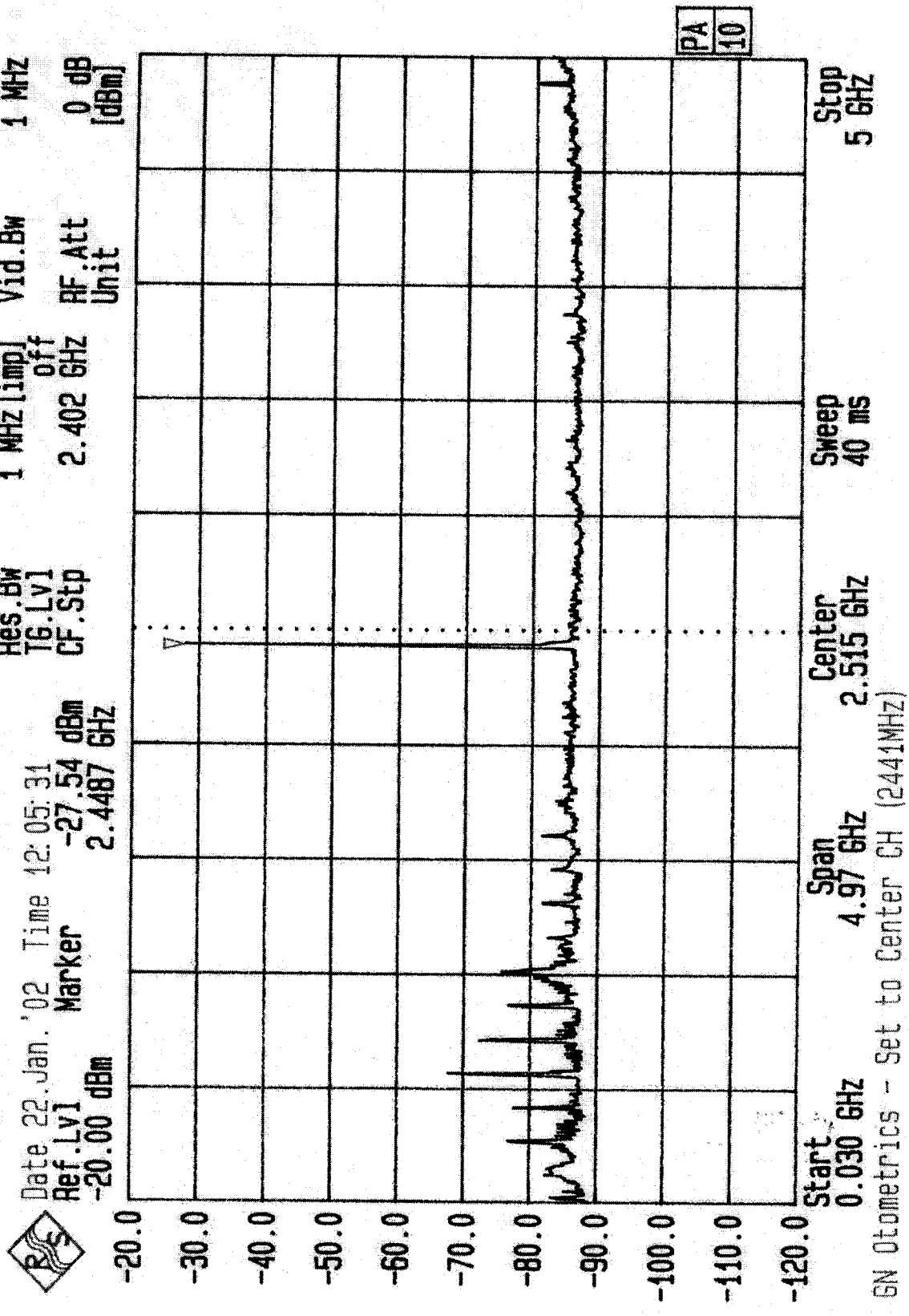
Title: Test on GN Otometrics A/S, NOAHlink, to FCC Part 15 C clause 15.209 and 15.247.

§15.247 (c) –Radiated emission Prescan with TX at lowest channel (15 – 25GHz):



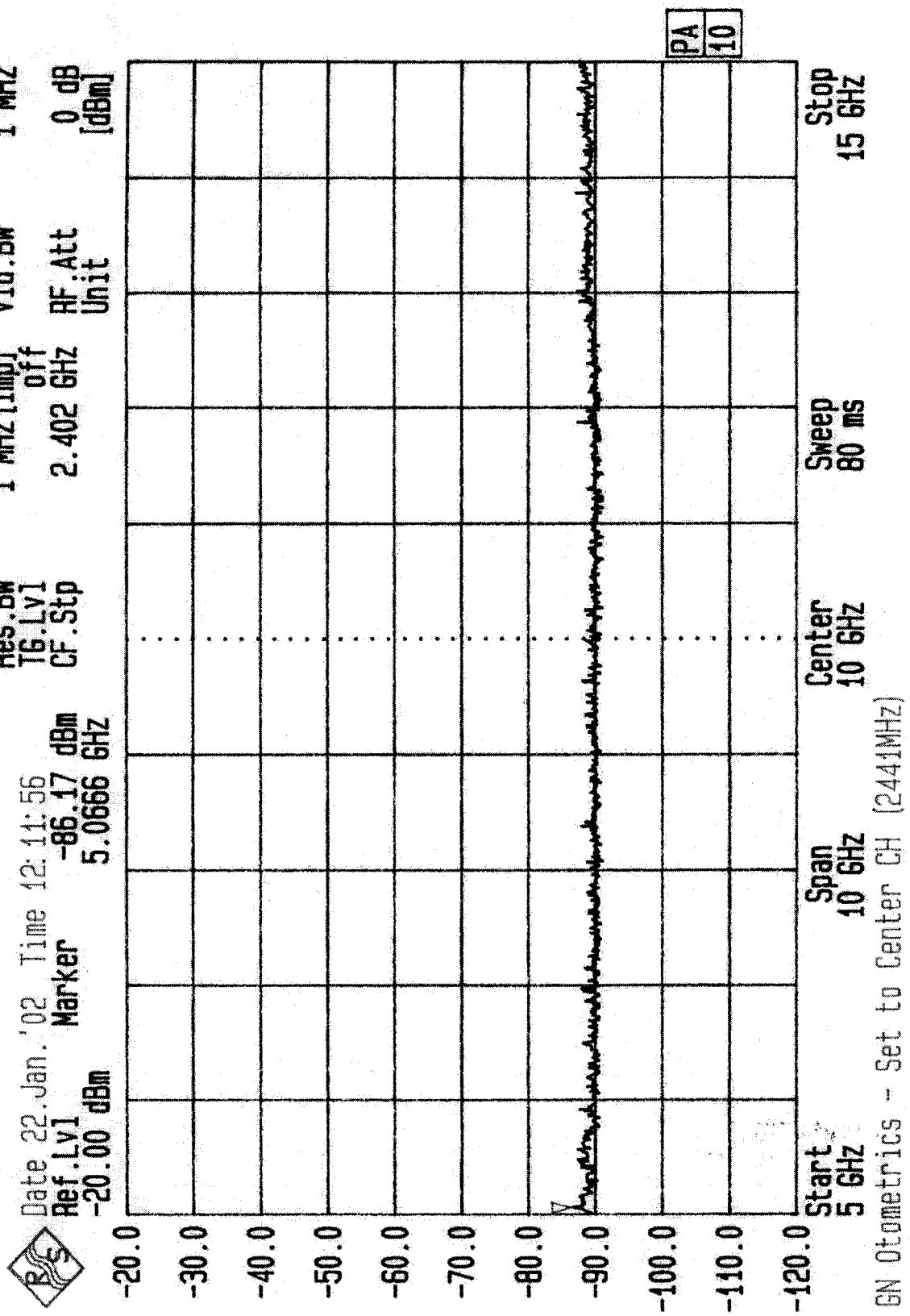
Title: Test on GN Otometrics A/S, NOAHlink, to FCC Part 15 C clause 15.209 and 15.247.

§15.247 (c) –Radiated emission Prescan with TX at centre channel (0.03 – 5GHz):



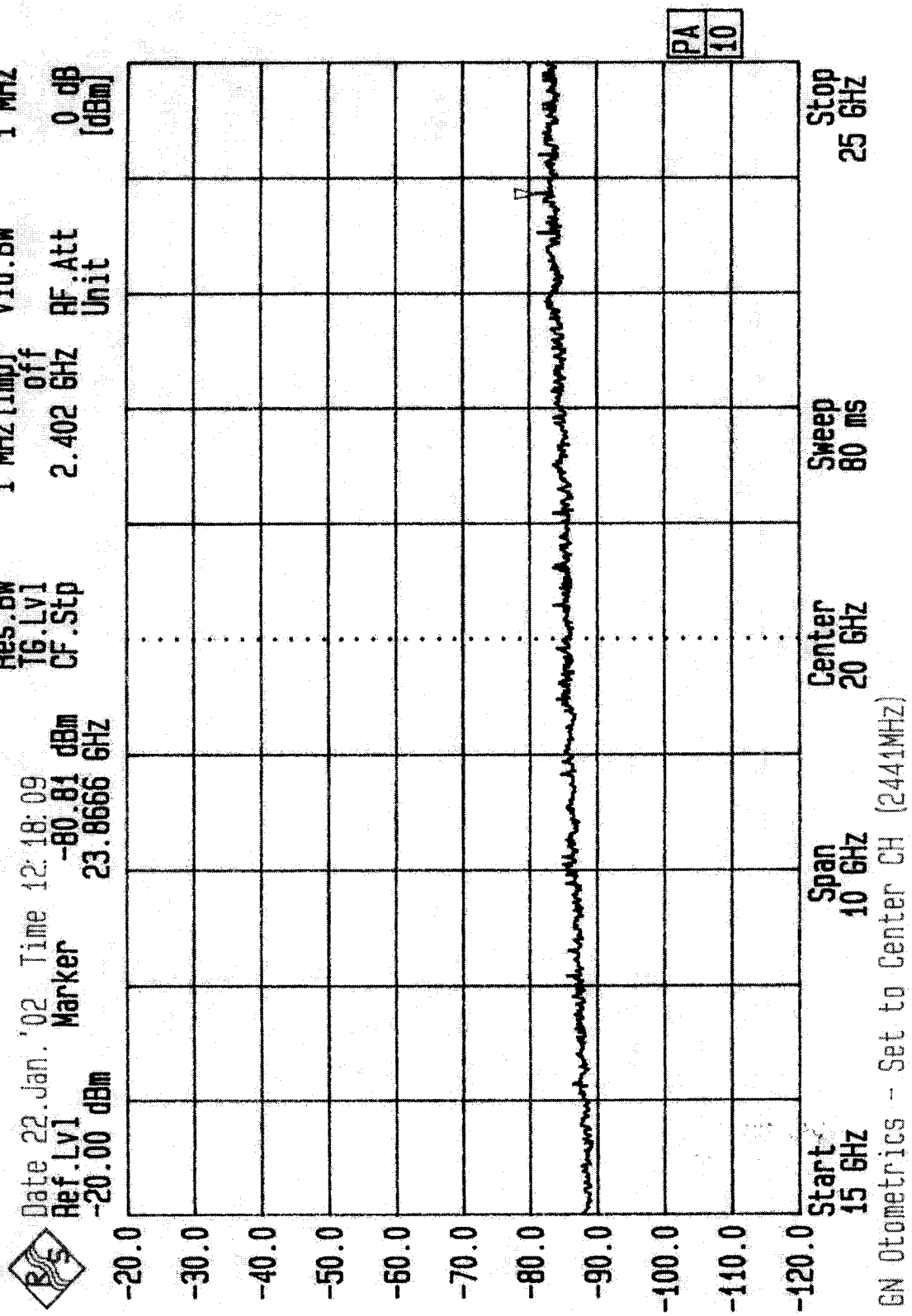
Title: Test on GN Otometrics A/S, NOAHlink, to FCC Part 15 C clause 15.209 and 15.247.

§15.247 (c) –Radiated emission Prescan with TX at centre channel (5– 15GHz):



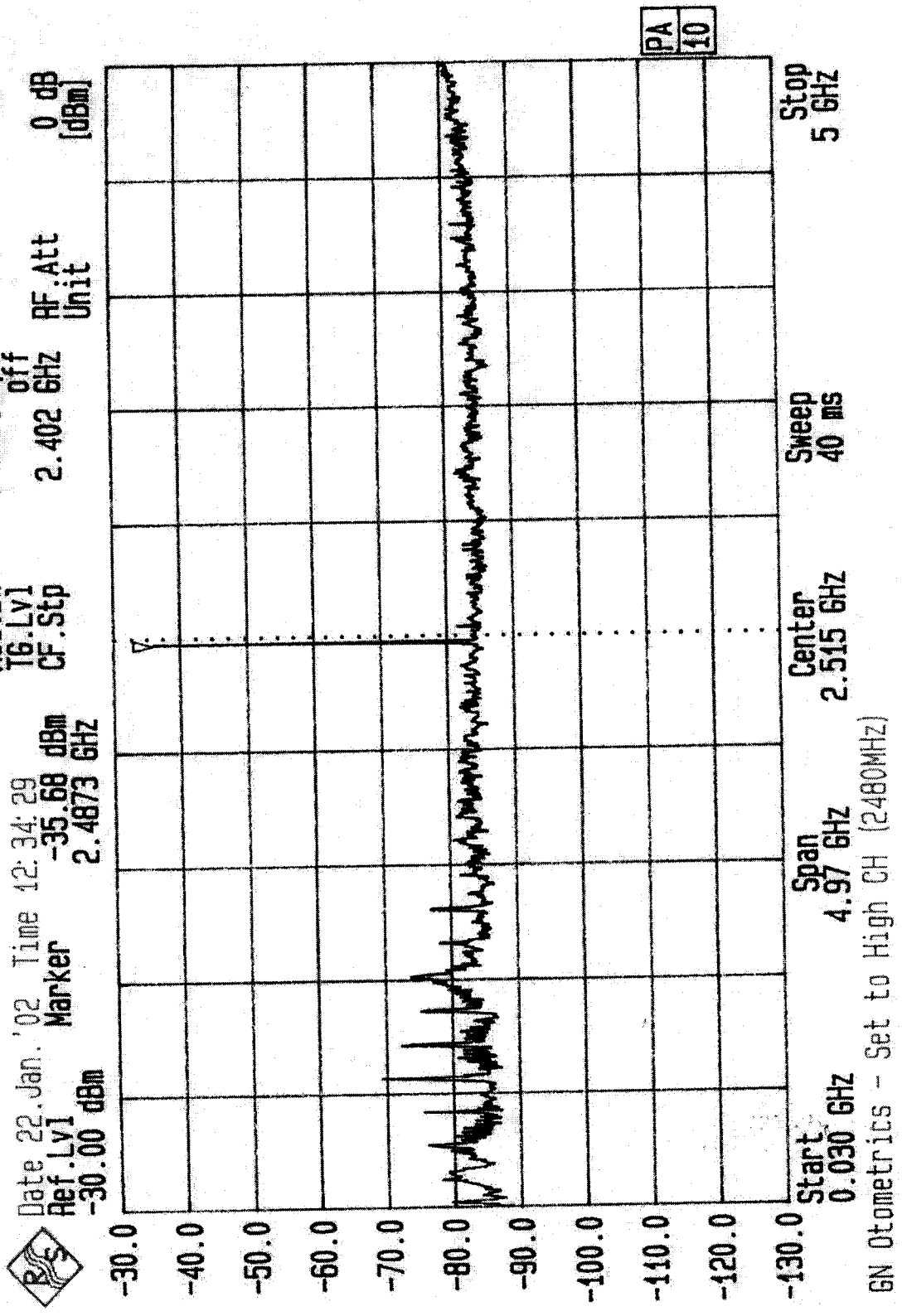
Title: Test on GN Otometrics A/S, NOAHlink, to FCC Part 15 C clause 15.209 and 15.247.

§15.247 (c) –Radiated emission Prescan with TX at centre channel (15 – 25GHz):



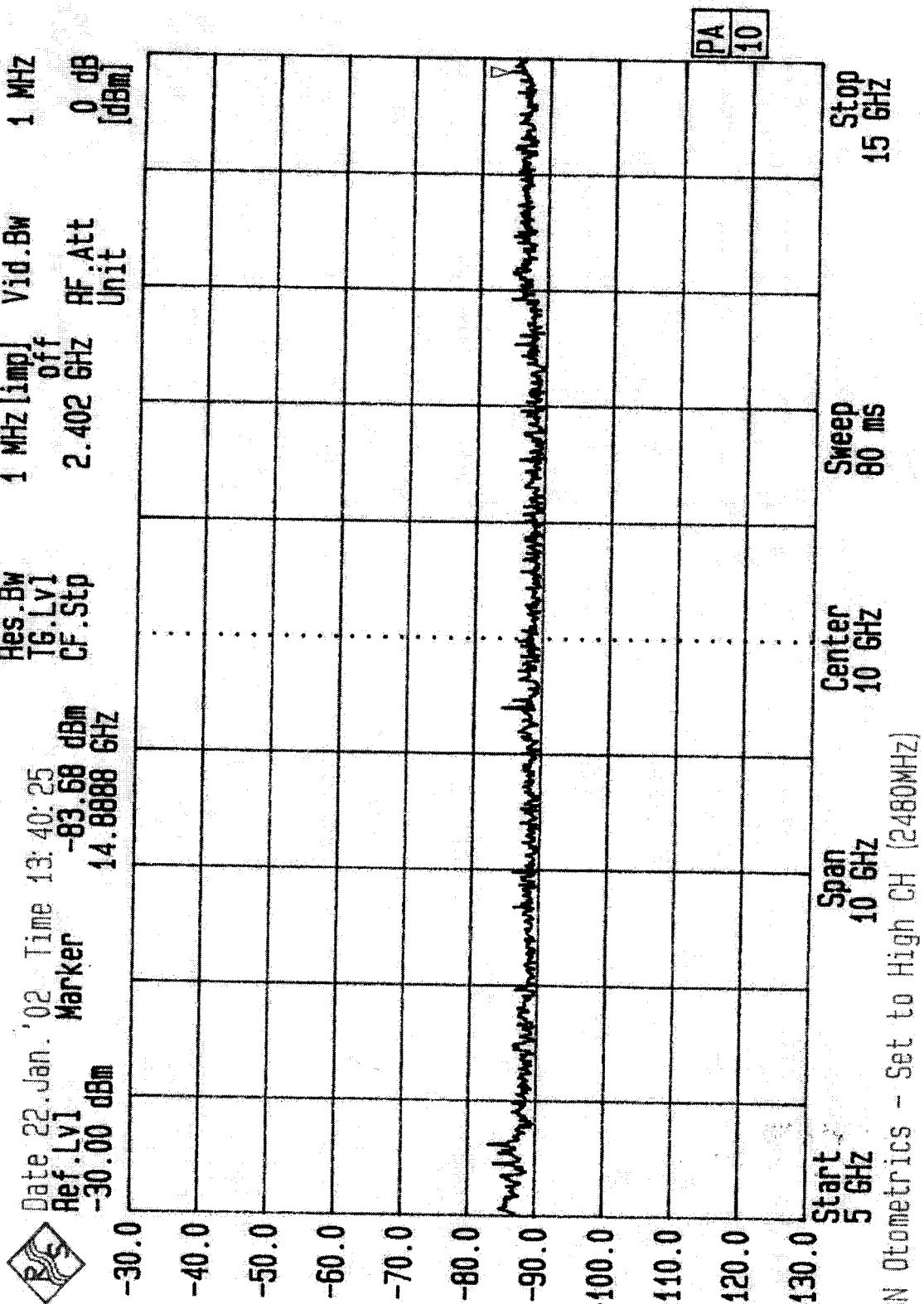
Title: Test on GN Otometrics A/S, NOAHlink, to FCC Part 15 C clause 15.209 and 15.247.

§15.247 (c) –Radiated emission Prescan with TX at highest channel (0.03 – 5GHz):



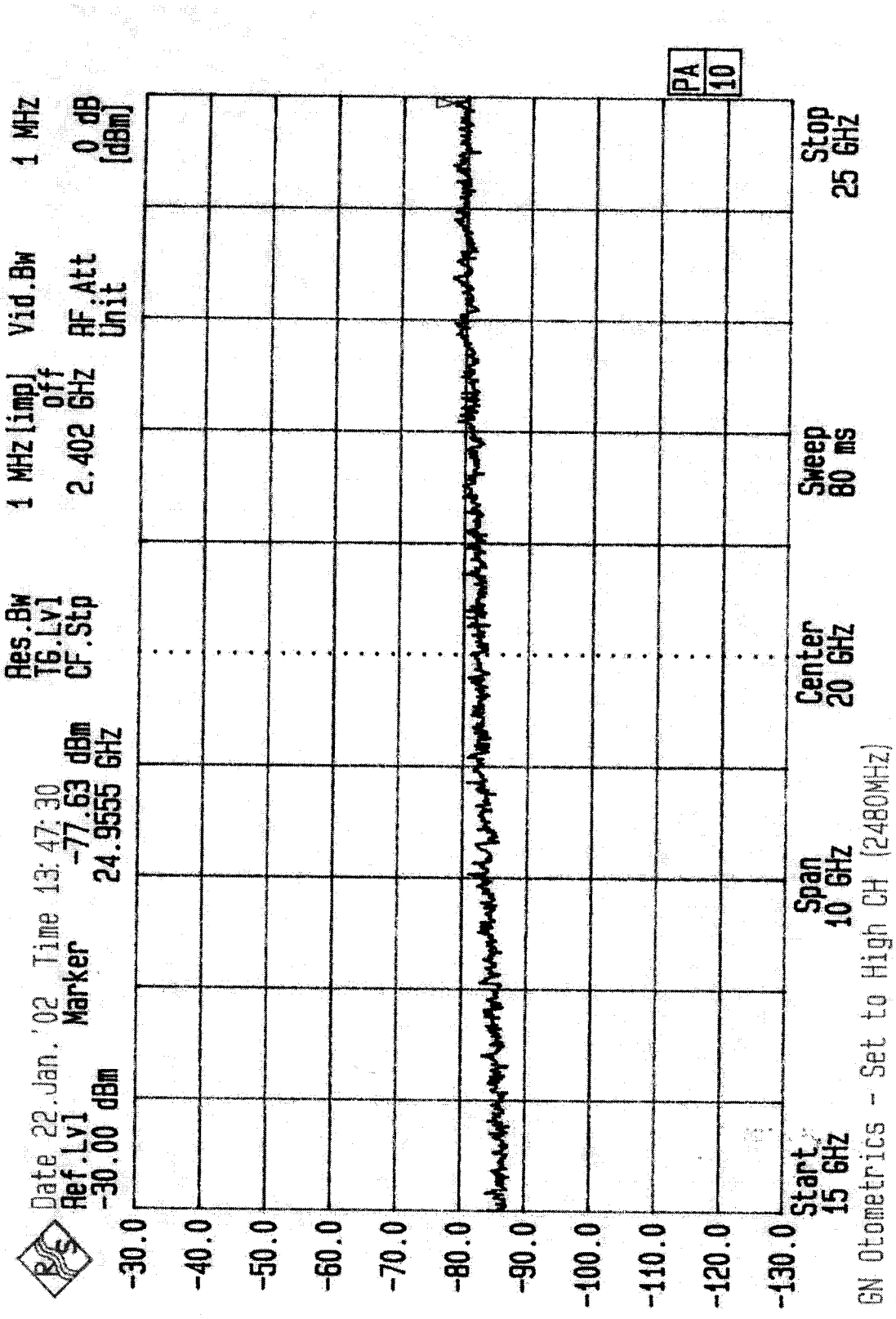
Title: Test on GN Otometrics A/S, NOAHlink, to FCC Part 15 C clause 15.209 and 15.247.

§15.247 (c) –Radiated emission Prescan with TX at centre channel (5 – 15GHz):



Title: Test on GN Otometrics A/S, NOAHlink, to FCC Part 15 C clause 15.209 and 15.247.

§15.247 (c) –Radiated emission Prescan with TX at centre channel (5 – 25GHz):



Title: Test on GN Otometrics A/S, NOAHlink, to FCC Part 15 C clause 15.209 and 15.247.

§15.247 (c) –Radiated emission. Final measurement at 3-meter OATS:

TX locked at 2402MHz

Frequency [MHz]	Max reading [dBuV/m] Peak	Avg.	Meas.BW [kHz]	Cable loss [dB]	Antenna factor [dB/m]	Corrected [dBuV/m] Peak	Avg.
444,1	16,5	-	120	1,8	18,4	36,7	-
592,5	11,82	-	120	2,2	21,3	35,32	-
740,2	13,56	-	120	2,4	22,6	38,56	-
2400	23,59	-	1000	5,3	28,5	57,39	-
2402	57,82	-	1000	5,3	28,5	91,62	-
* 4804	23,89	< 8	1000	7,4	33,4	64,69	< 48,8
5633,3	19,45	-	1000	7,5	34	60,95	-
7206	14,95	-	1000	8,4	36,4	59,75	-
9608	16,4	-	1000	12,5	38,2	67,1	-

TX locked at 2441MHz

Frequency [MHz]	Max reading [dBuV/m] Peak	Avg.	Meas.BW [kHz]	Cable loss [dB]	Antenna factor [dB/m]	Corrected [dBuV/m] Peak	Avg.
296,2	10,31	-	120	1,4	16,1	27,81	-
443,2	18,98	-	120	1,8	18,4	39,18	-
590,8	13,22	-	120	2,2	21,3	36,72	-
738,7	16,35	-	120	2,4	22,6	41,35	-
888	16,88	-	120	2,7	23,9	43,48	-
2441	56,85	-	1000	5,3	28,5	90,65	-
* 4882	23,18	< 8	1000	7,4	33,4	63,98	< 48,8
* 7323	14,11	< 8	1000	8,4	36,4	58,91	< 52,8
9764	16,35	-	1000	12,5	38,2	67,05	-

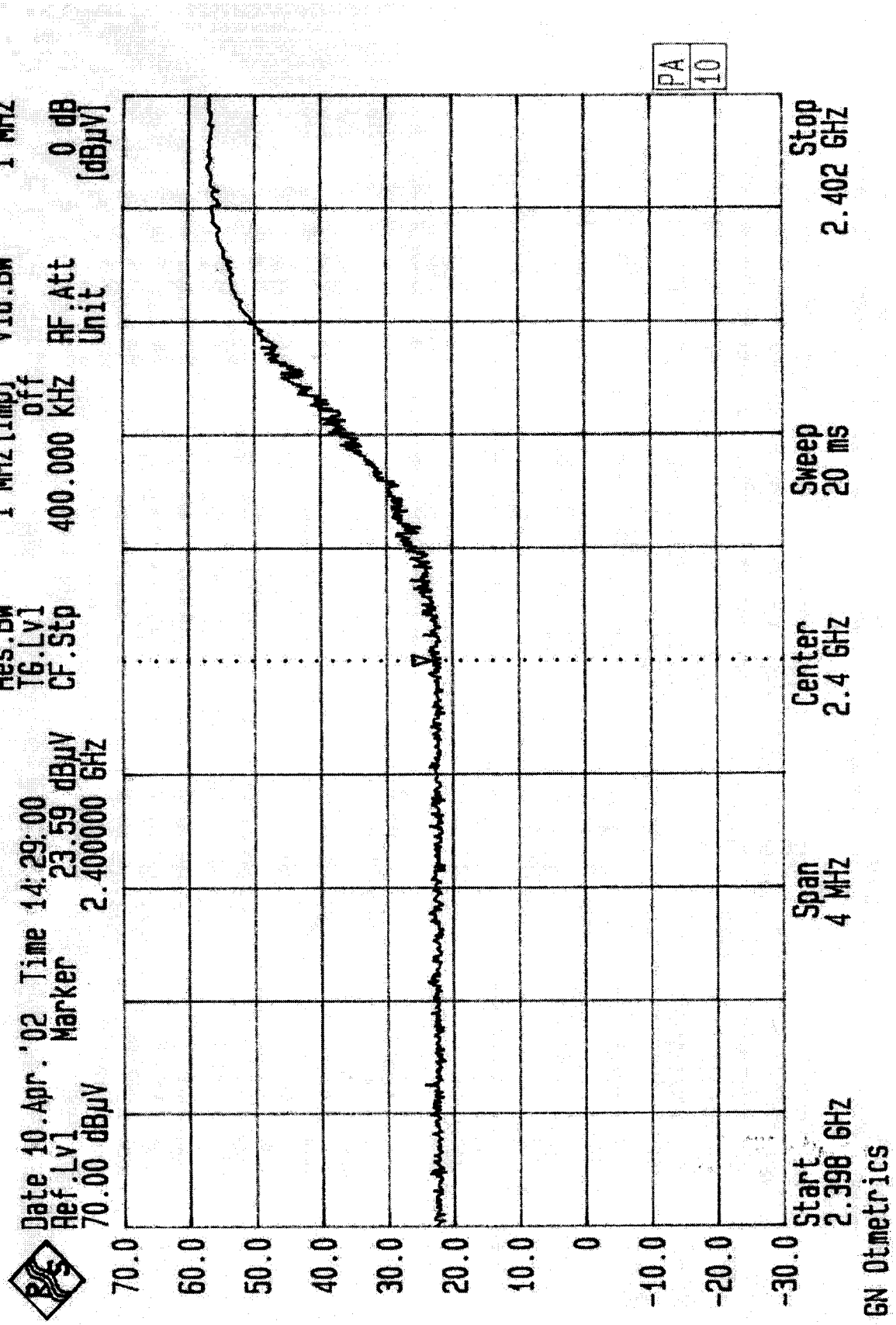
TX locked at 2480MHz

Frequency [MHz]	Max reading [dBuV/m] Peak	Avg.	Meas.BW [kHz]	Cable loss [dB]	Antenna factor [dB/m]	Corrected [dBuV/m] Peak	Avg.
300,5	11,84	-	120	1,4	16,1	29,34	-
444,1	18,99	-	120	1,8	18,4	39,19	-
593,2	13,52	-	120	2,2	21,3	37,02	-
736,8	13,64	-	120	2,4	22,6	38,64	-
891,4	6,58	-	120	2,7	23,9	33,18	-
2480	53,58	-	1000	5,3	28,5	87,38	-
* 2483,5	22,9	16,74	1000	5,3	28,5	56,7	50,54
* 4960	24,27	< 8	1000	7,4	33,4	65,07	< 48,8
* 7440	17,67	< 8	1000	8,4	36,4	62,47	< 52,8
9920	18,23	-	1000	12,5	38,2	68,93	-

Frequency marked with * falls within the restricted bands defined in §15.205 and have peak values above the avg. limit value.

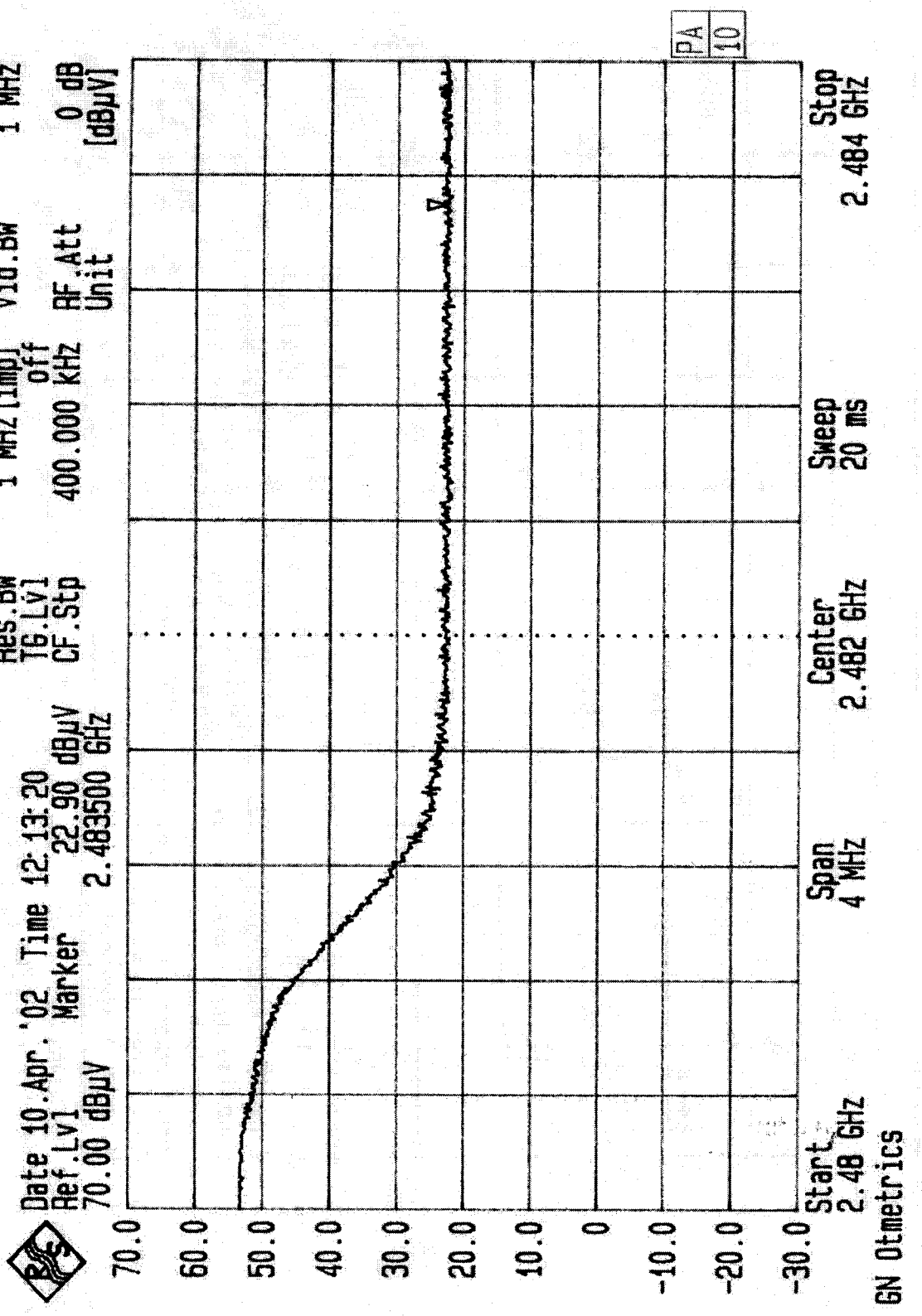
Title: Test on GN Otometrics A/S, NOAHlink, to FCC Part 15 C clause 15.209 and 15.247.

§15.247 (c) –Radiated emission. Detailed plot at TX band edge (2400MHz):



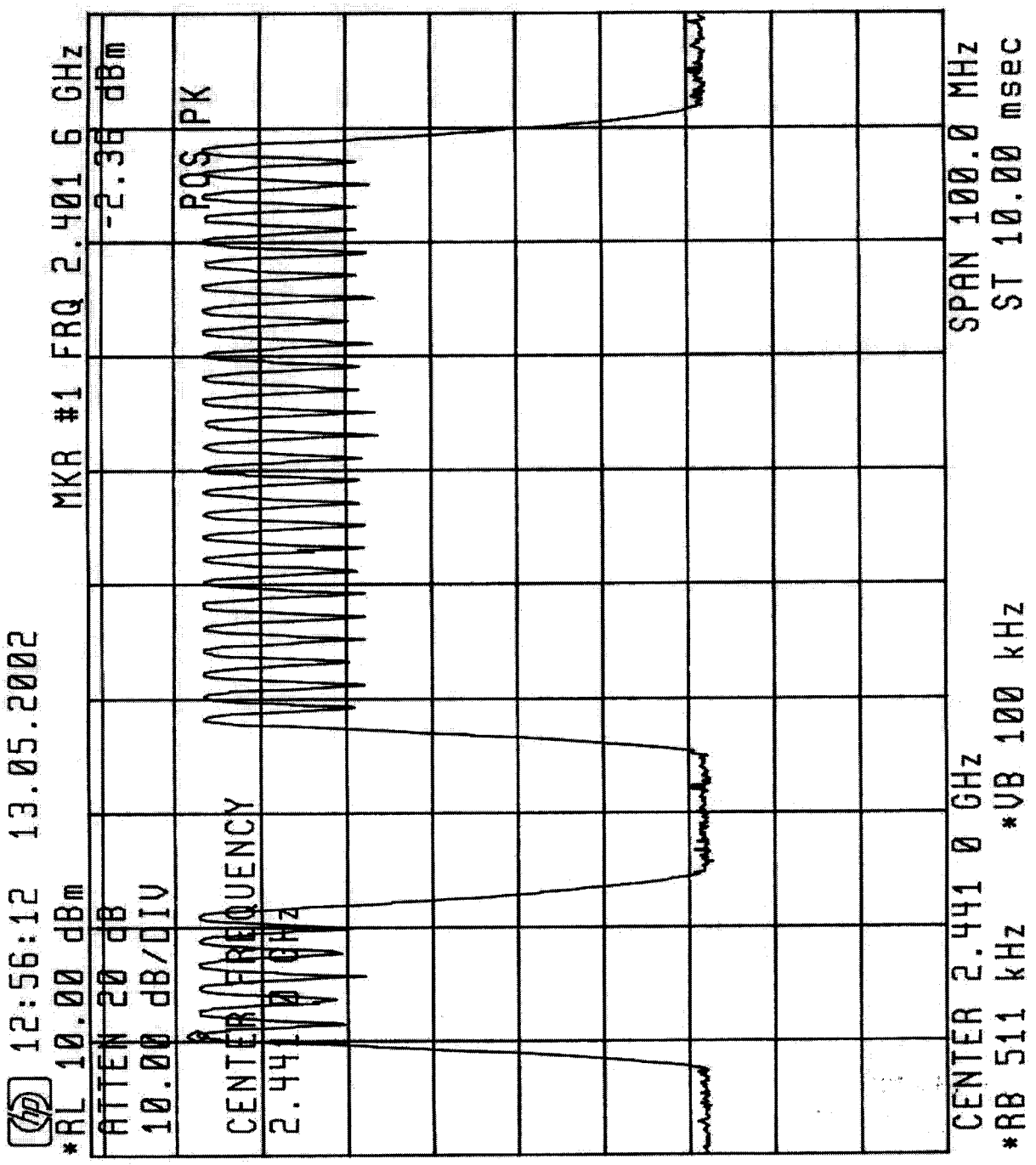
Title: Test on GN Otometrics A/S, NOAHlink, to FCC Part 15 C clause 15.209 and 15.247.

§15.247 (c) –Radiated emission. Detailed plot at TX band edge (2483,5MHz):



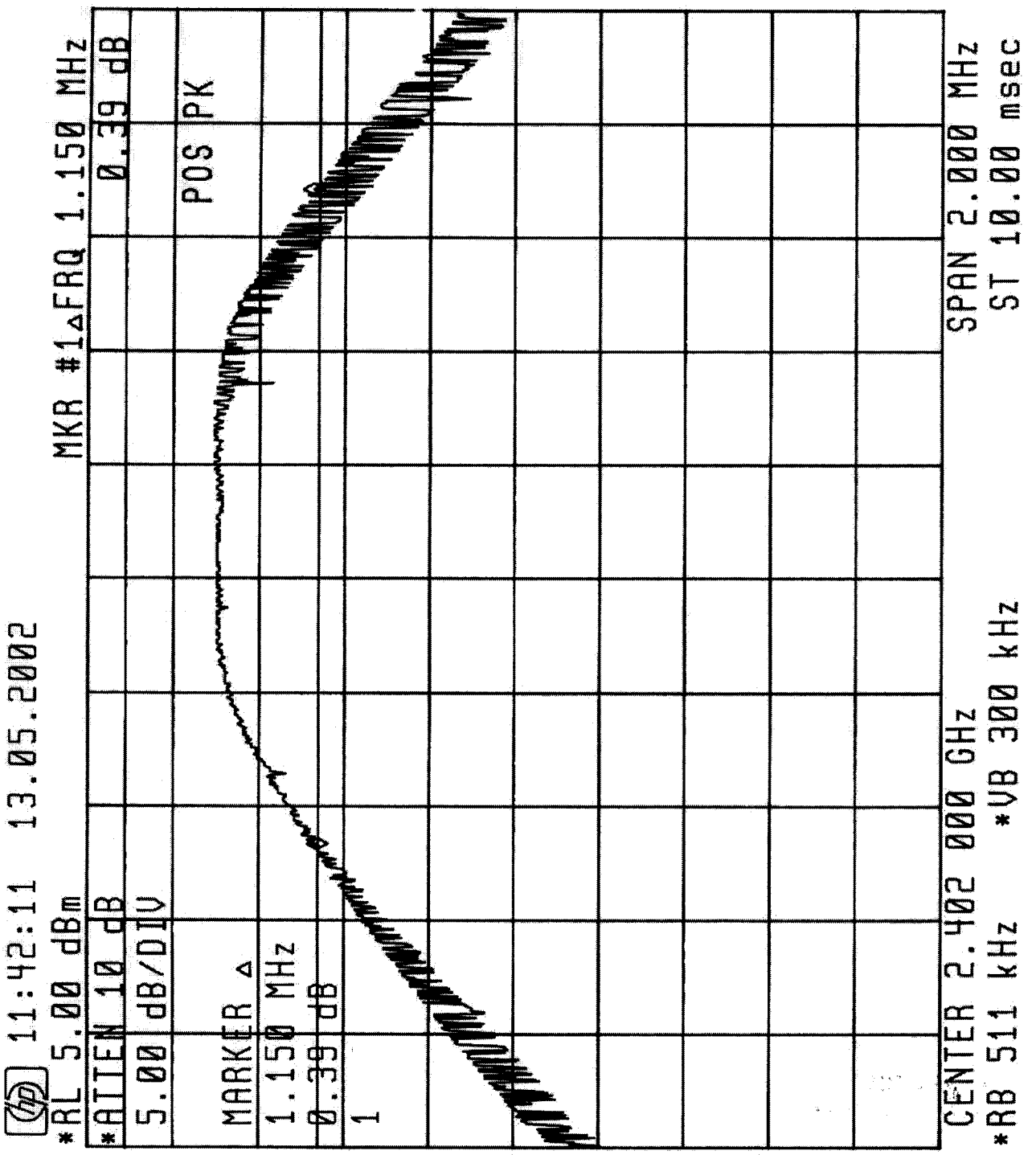
Title: Test on GN Otometrics A/S, NOAHlink, to FCC Part 15 C clause 15.209 and 15.247.

Channels used in inquiry mode:



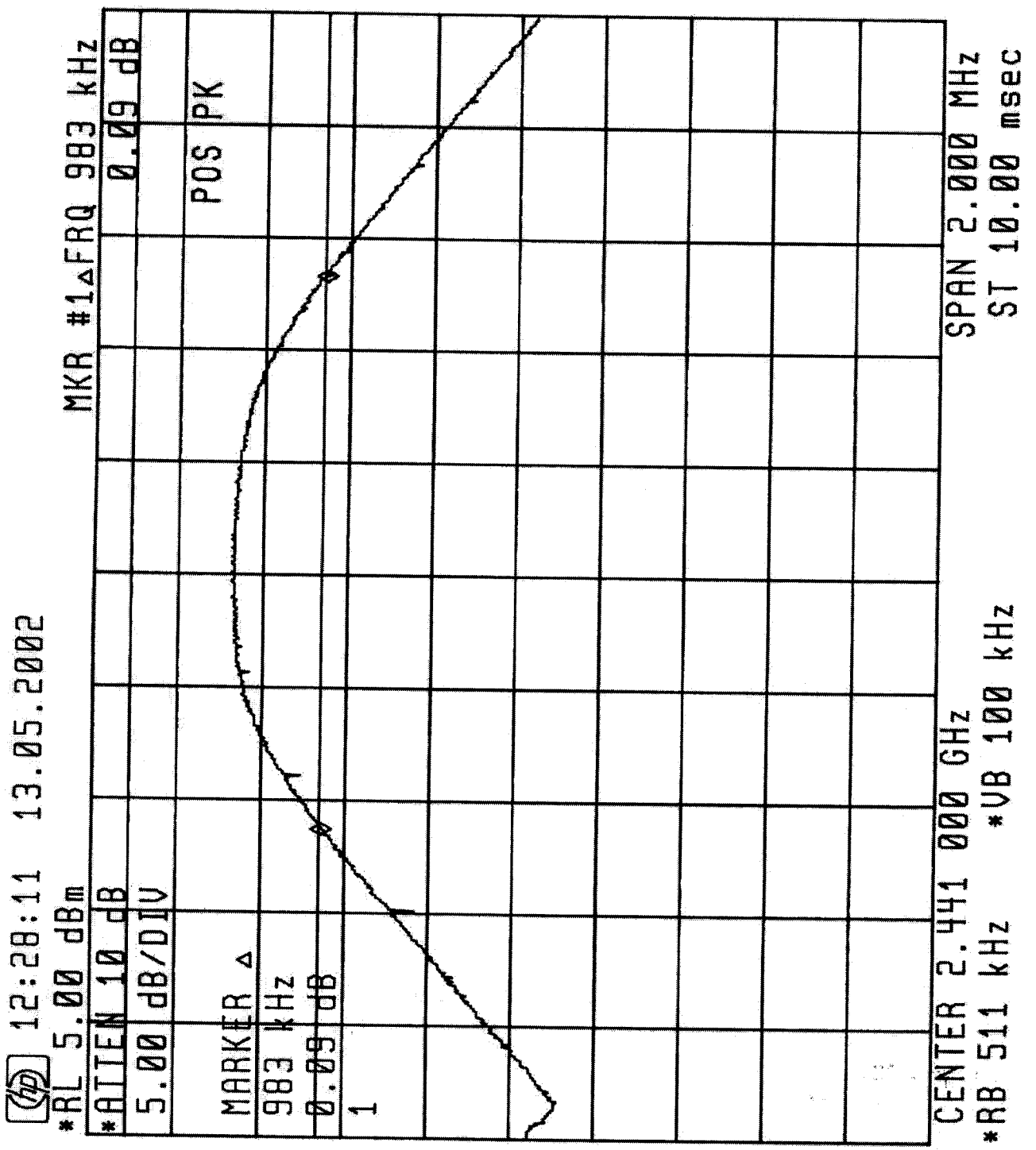
Title: Test on GN Otometrics A/S, NOAHlink, to FCC Part 15 C clause 15.209 and 15.247.

Bandwidth, Inquiry mode, Low channel:



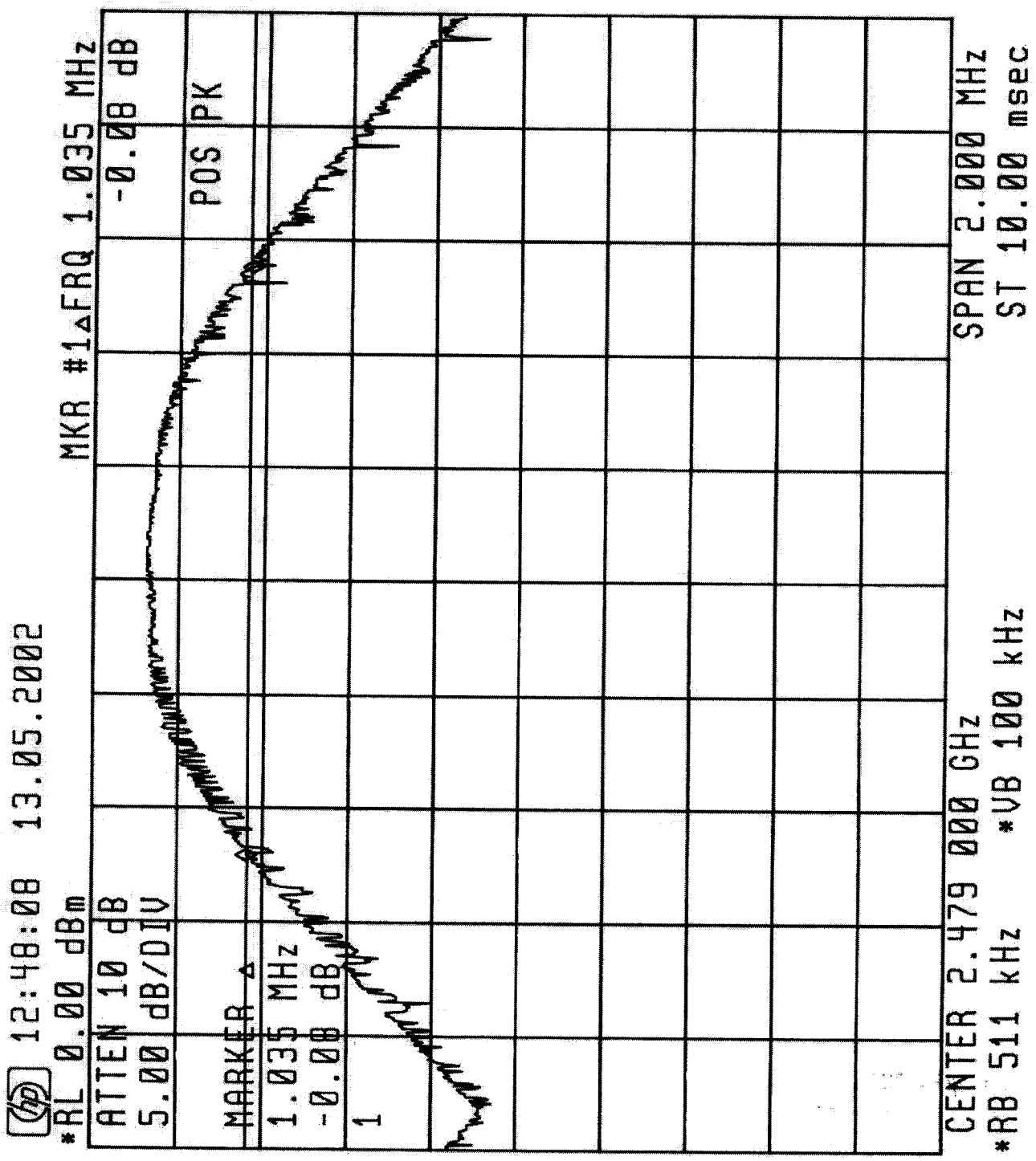
Title: Test on GN Otometrics A/S, NOAHlink, to FCC Part 15 C clause 15.209 and 15.247.

Bandwidth, Inquiry mode, Center channel:



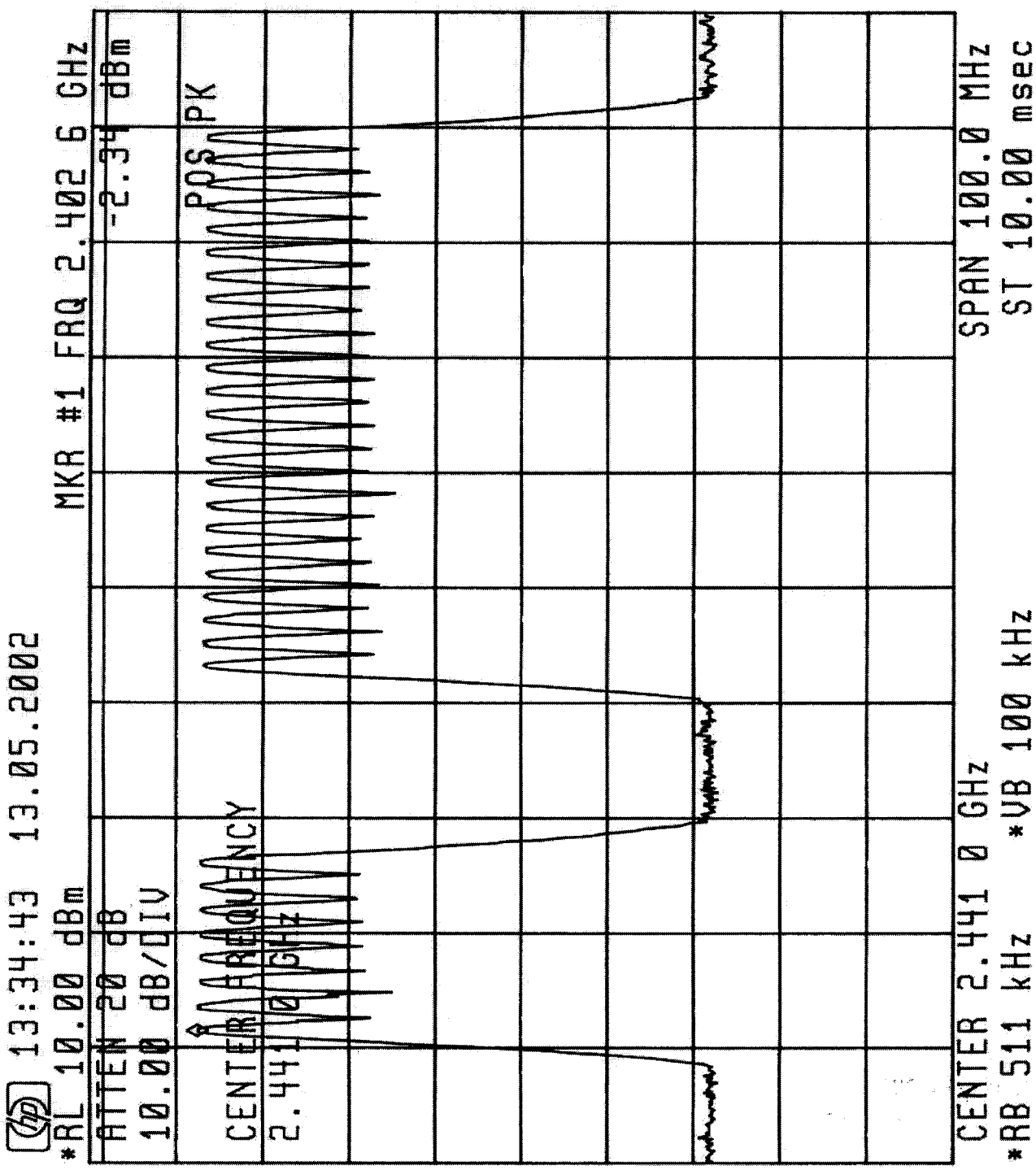
Title: Test on GN Otometrics A/S, NOAHlink, to FCC Part 15 C clause 15.209 and 15.247.

Bandwidth, Inquiry mode, High channel:



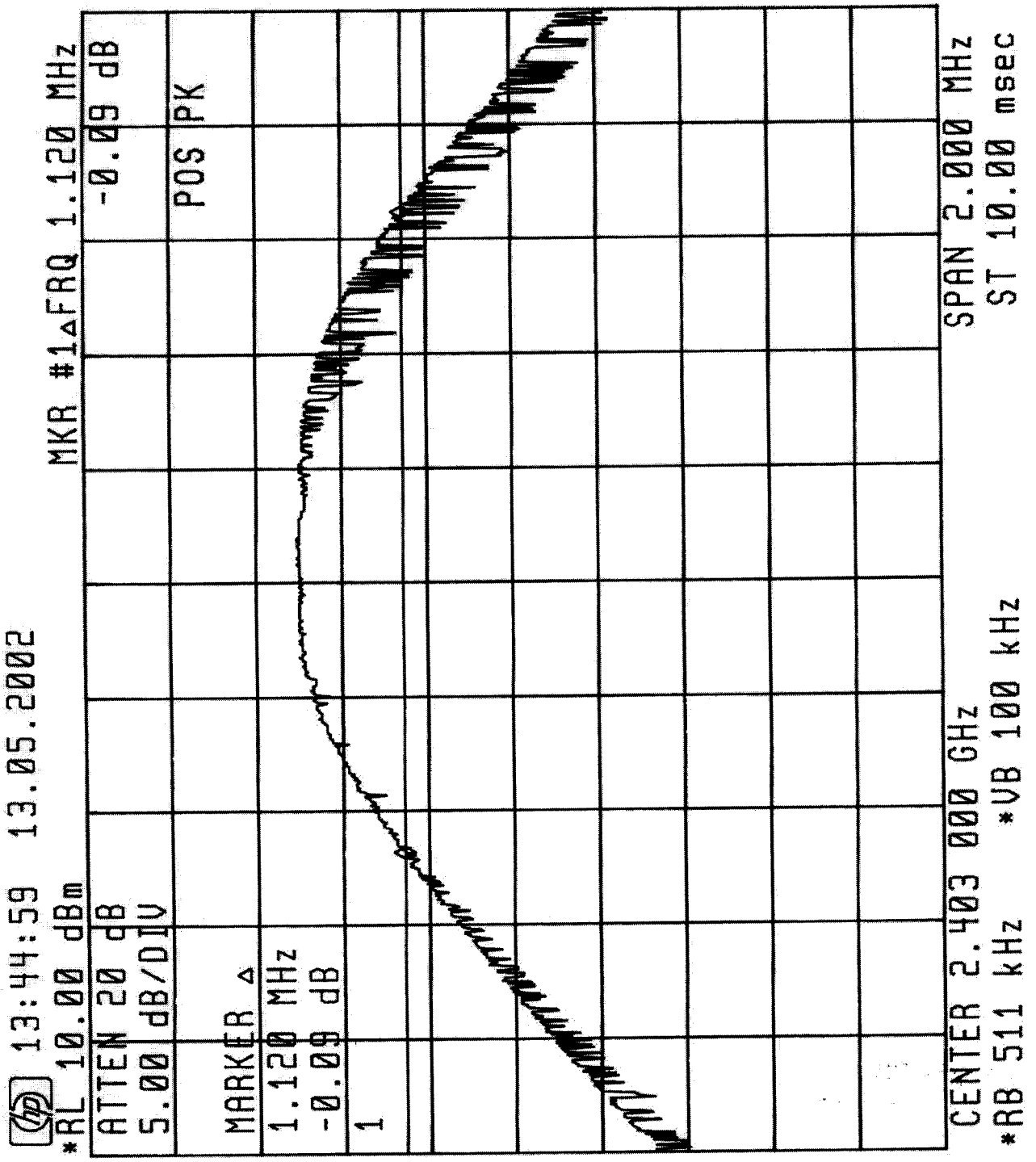
Title: Test on GN Otometrics A/S, NOAHlink, to FCC Part 15 C clause 15.209 and 15.247.

Channel use page mode:



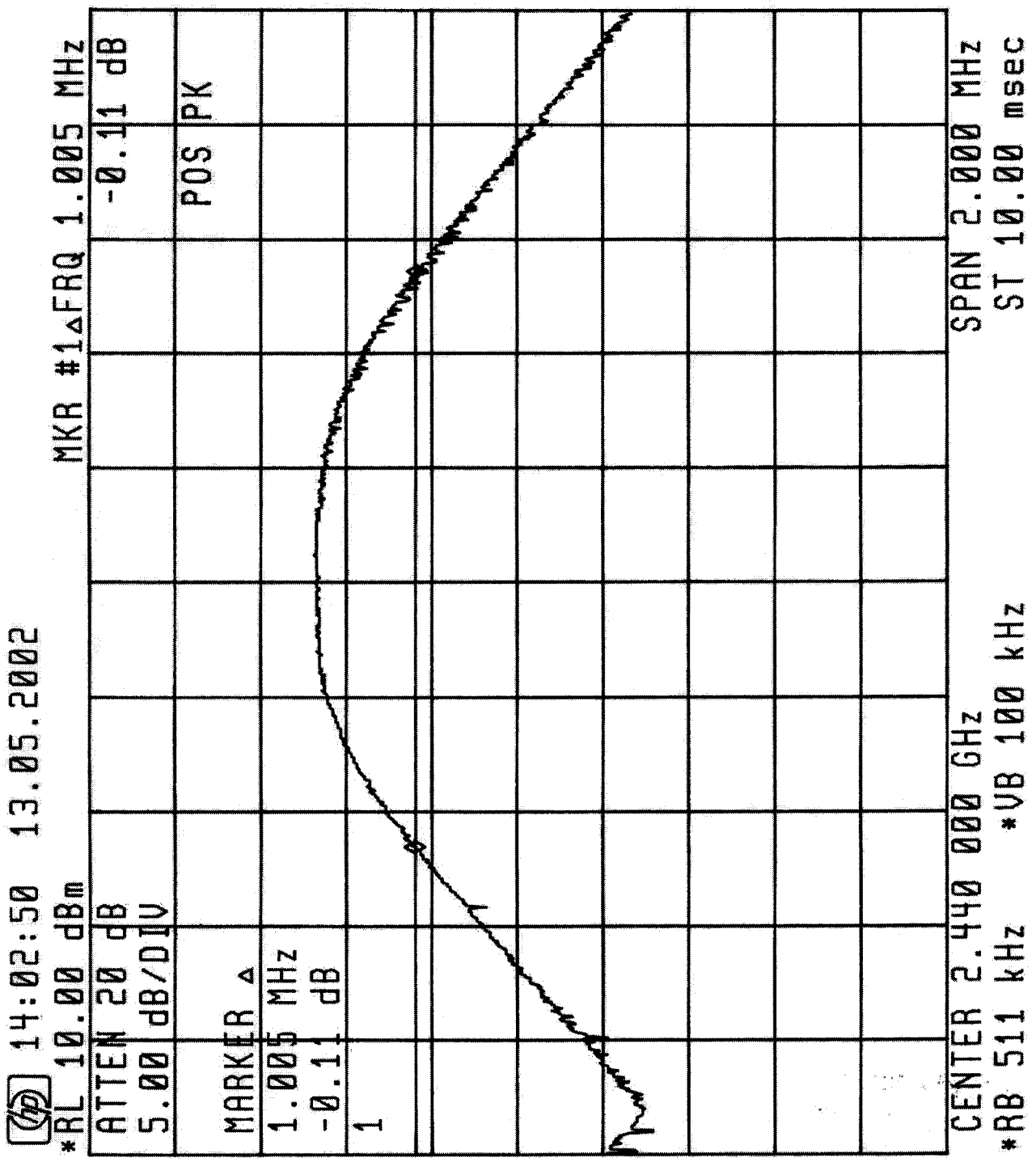
Title: Test on GN Otometrics A/S, NOAHlink, to FCC Part 15 C clause 15.209 and 15.247.

Bandwidth, Page mode, Low channel:



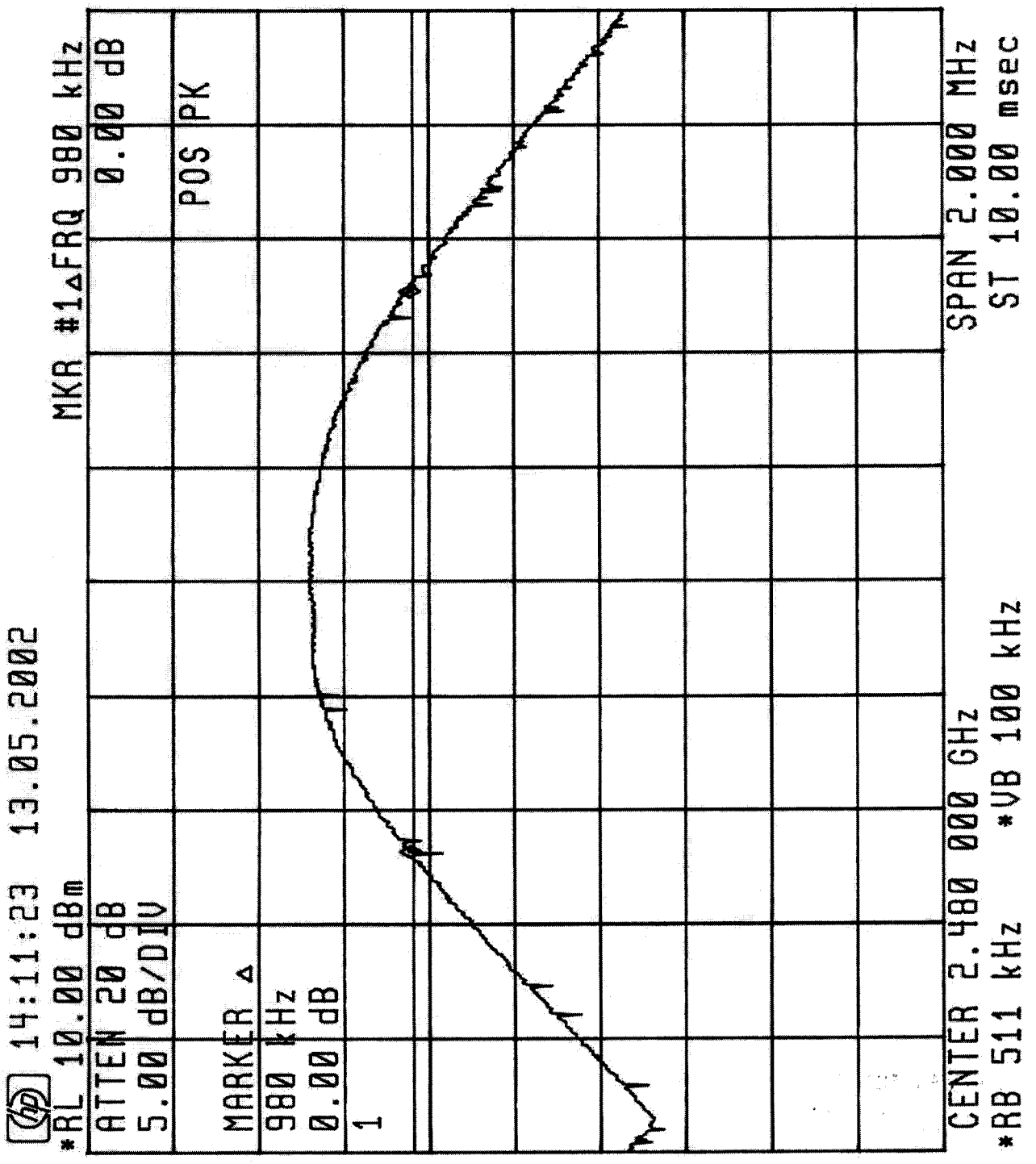
Title: Test on GN Otometrics A/S, NOAHlink, to FCC Part 15 C clause 15.209 and 15.247.

Bandwidth, Page mode, Center channel:



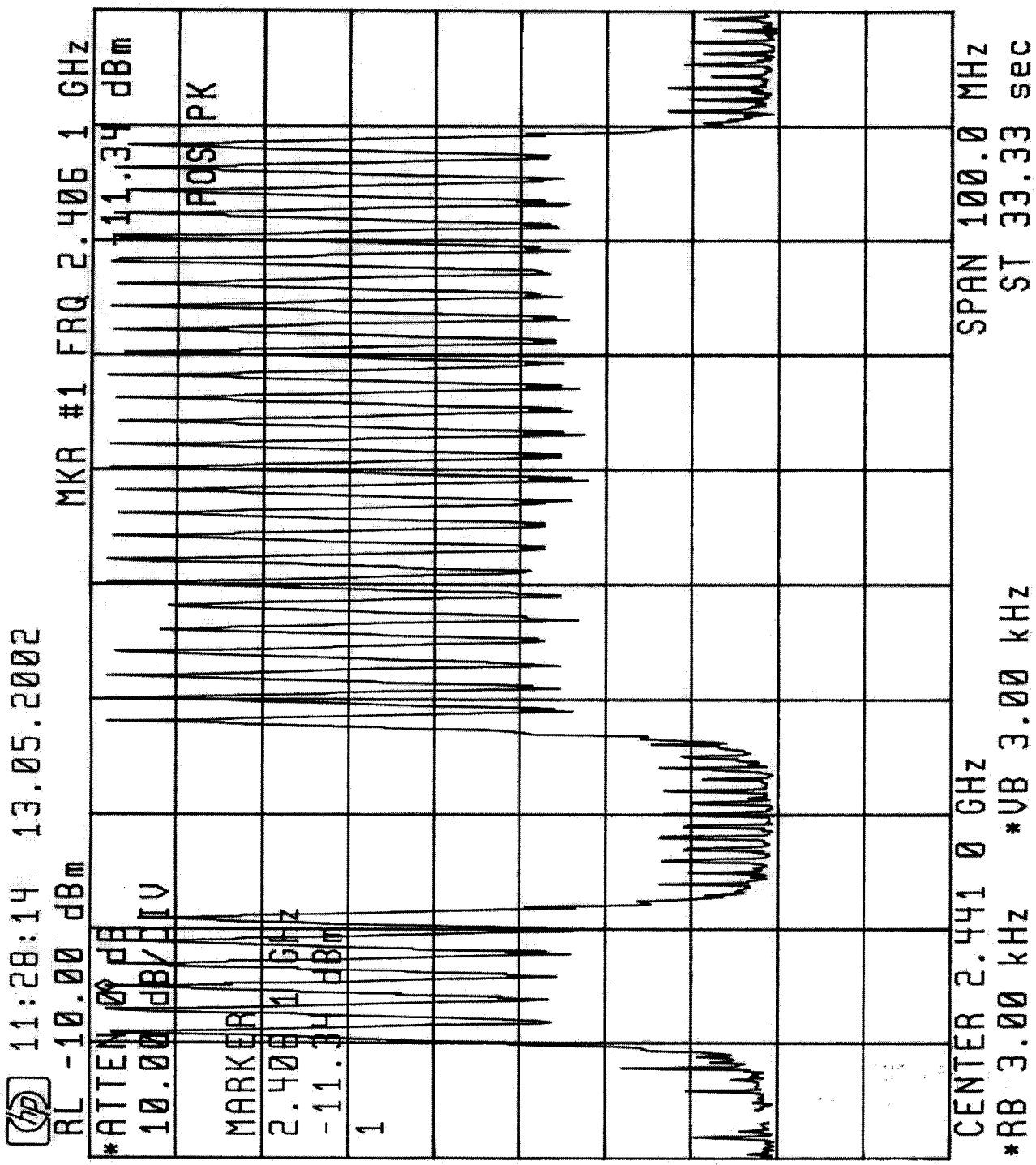
Title: Test on GN Otometrics A/S, NOAHlink, to FCC Part 15 C clause 15.209 and 15.247.

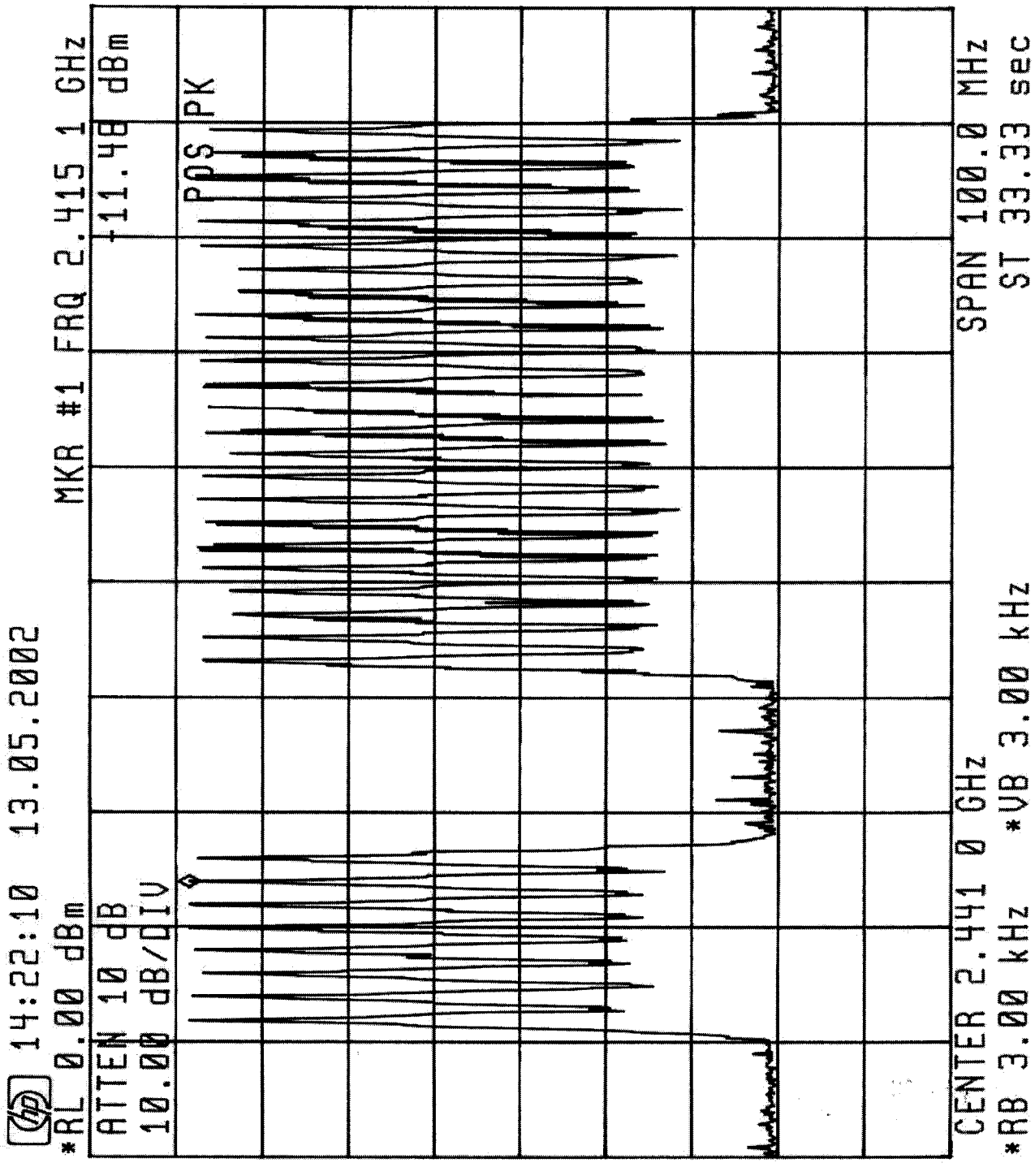
Bandwidth, Page mode, High channel:



Title: Test on GN Otometrics A/S, NOAHlink, to FCC Part 15 C clause 15.209 and 15.247.

Spectral power density, inquiry mode (scan over TX band):



Title: Test on GN Otometrics A/S, NOAHlink, to FCC Part 15 C clause 15.209 and 15.247.

Spectral power density, page mode (scan over TX band):