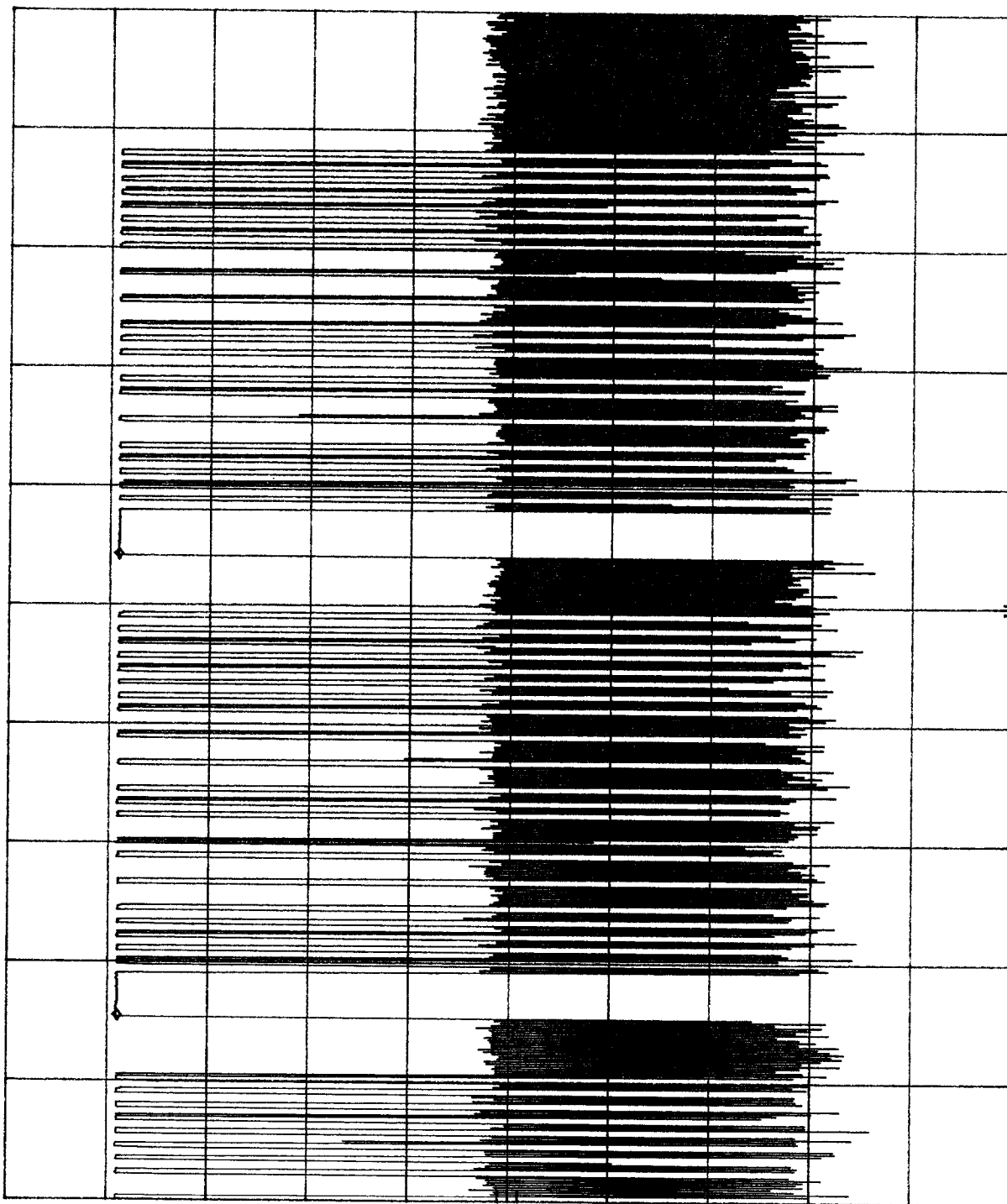


R-9881-1 X-10 MEDION DUTY CYCLE JK 04-21-03MKR Δ 38.80 msec
 REF 75.0 dB μ V ATTN 0 dB

hp

10 dB/



CENTER 433.951 640 MHz
 RES BW 1 MHz
 VBW 3 MHz
 SWP 100 msec
 SPAN 0 Hz

Customer:	X-10 Wireless Technologies, Inc.		
Test Sample:	Handheld 433MHz Pulsed RF Transmitter		
Model No.:	20016398	FCC ID:	B4S20016398
Test Method:	FCC Part 15 Subpart B Section 15.35 Duty Cycle Determination		
Notes:	Period of one pulse train (transmitter cycle time) = 38.8 msec		
Date:	April 22nd, 2003	Tech:	J. Kabacinski
Sheet	1	of	3



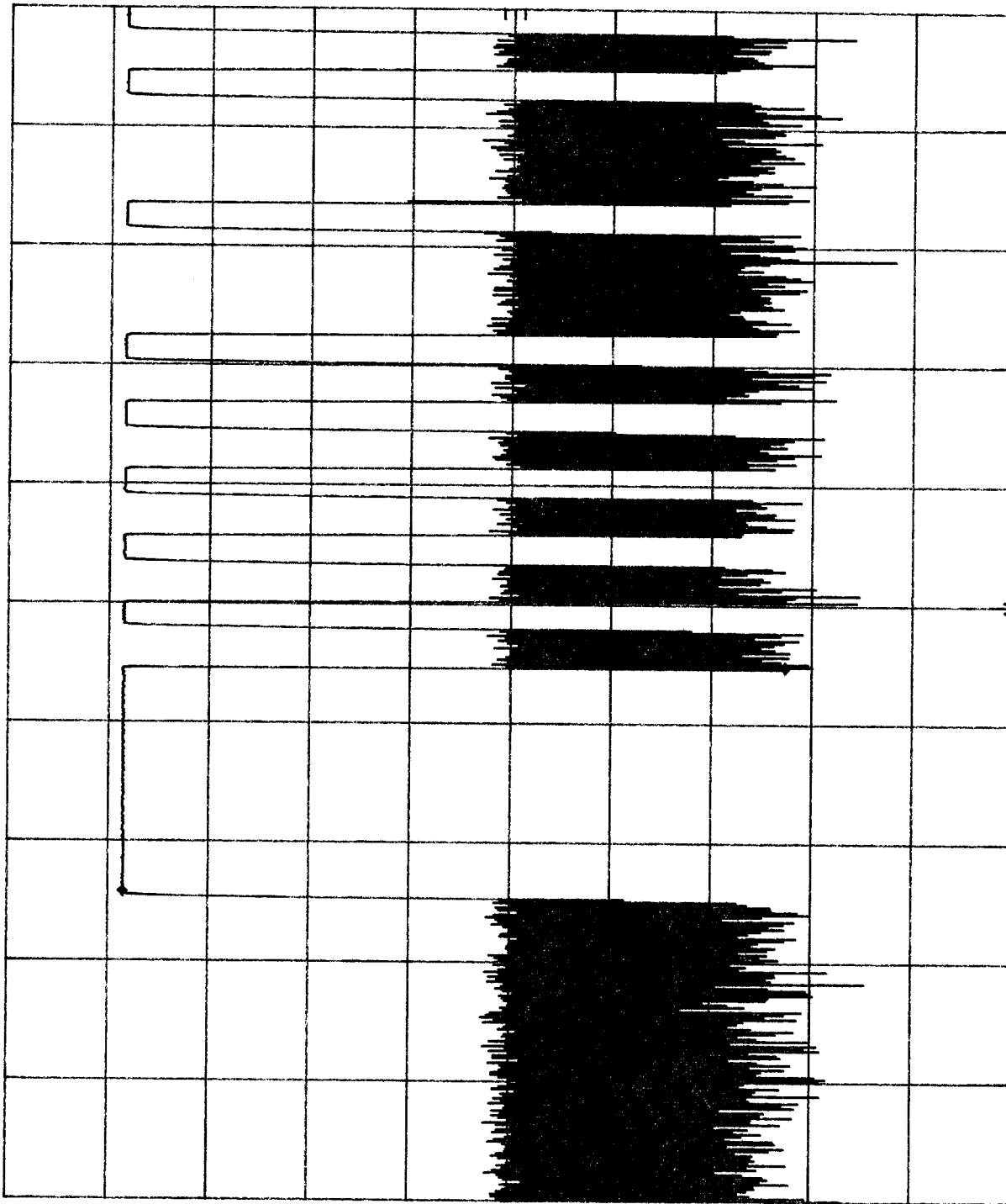
Retlif Testing Laboratories

Report No. R-9881-1

R-9881-1 X-10 MEDION DUTY CYCLE JK 04-21-03MKR Δ 3.800 msec
 REF 75.0 dB μ V ATTN 0 dB -65.90 dB

hp

10 dB/



CENTER 433.951 640 MHz
 RES BW 1 MHz
 VBW 3 MHz
 SWP 20.0 msec
 SPAN 0 Hz

Customer:	X-10 Wireless Technologies, Inc.		
Test Sample:	Handheld 433MHz Pulsed RF Transmitter		
Model No:	20016398	FCC ID:	B4S20016398
Test Method:	FCC Part 15 Subpart B Section 15.35 Duty Cycle Determination		
Notes:	Period of one large pulse = 3.8 msec		
Date:	April 22nd, 2003	Tech:	J. Kabacinski
Sheet:	2	of	3



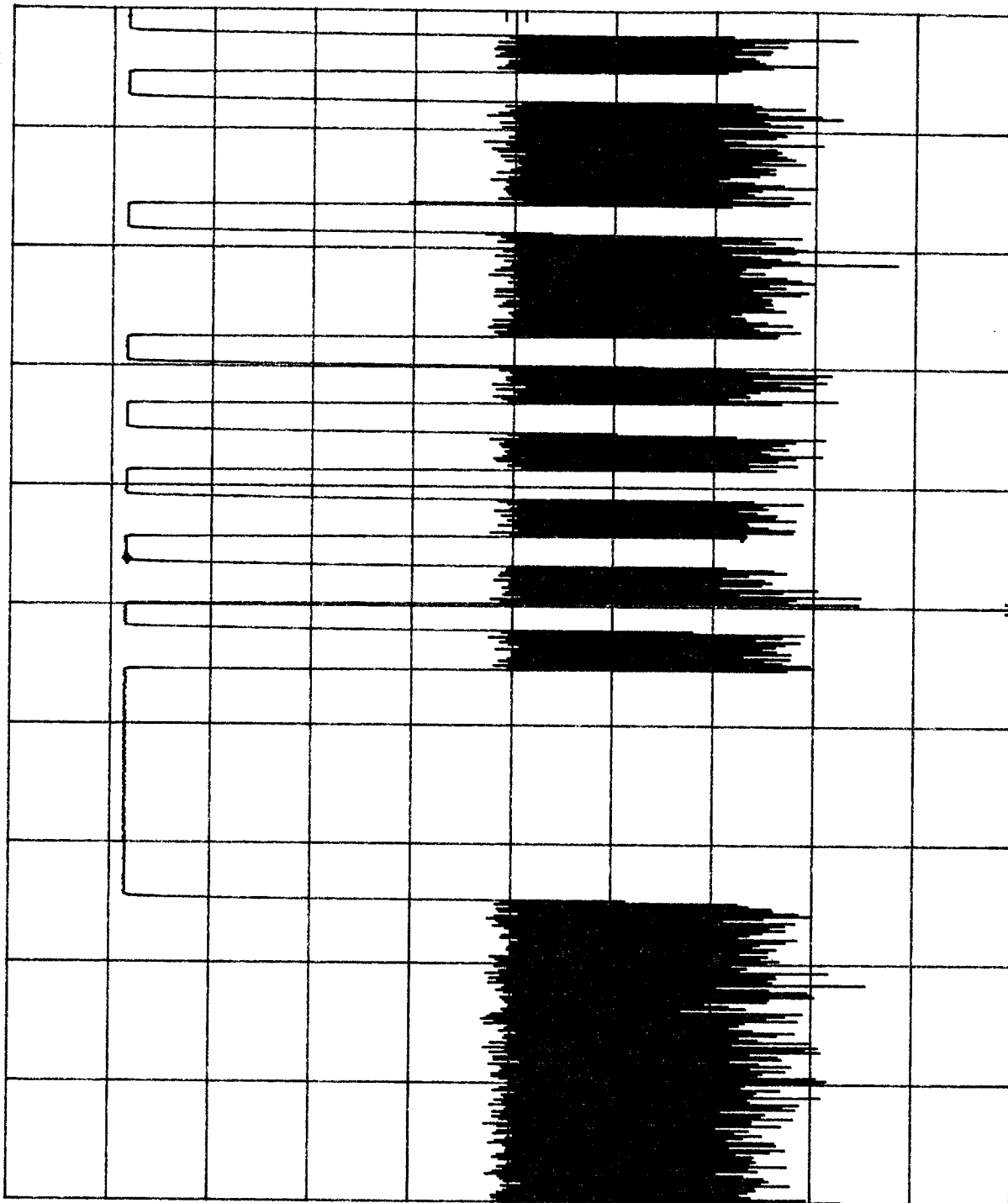
Retlif Testing Laboratories

Report No. R-9881-1

R-9881-1 X-10 MEDION DUTY CYCLE JK 04-21-03MKR Δ 440.0 μ sec
 REF 75.0 dB μ V ATTEN 0 dB -61.30 dB

hp

10 dB/



CENTER 433.951 640 MHz
 RES BW 1 MHz

SPAN 0 Hz
 SWP 20.0 msec

VBW 3 MHz

Customer:	X-10 Wireless Technologies, Inc.		
Test Sample:	Handheld 433MHz Pulsed RF Transmitter		
Model No:	20016398	FCC ID:	B4S20016398
Test Method:	FCC Part 15 Subpart B Section 15.35 Duty Cycle Determination		
Notes:	Period of one small pulse = 440 usec		
Date:	April 22nd, 2003	Tech:	J. Kabacinski
Sheet:	3	of	3



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Report No. R-9881-1