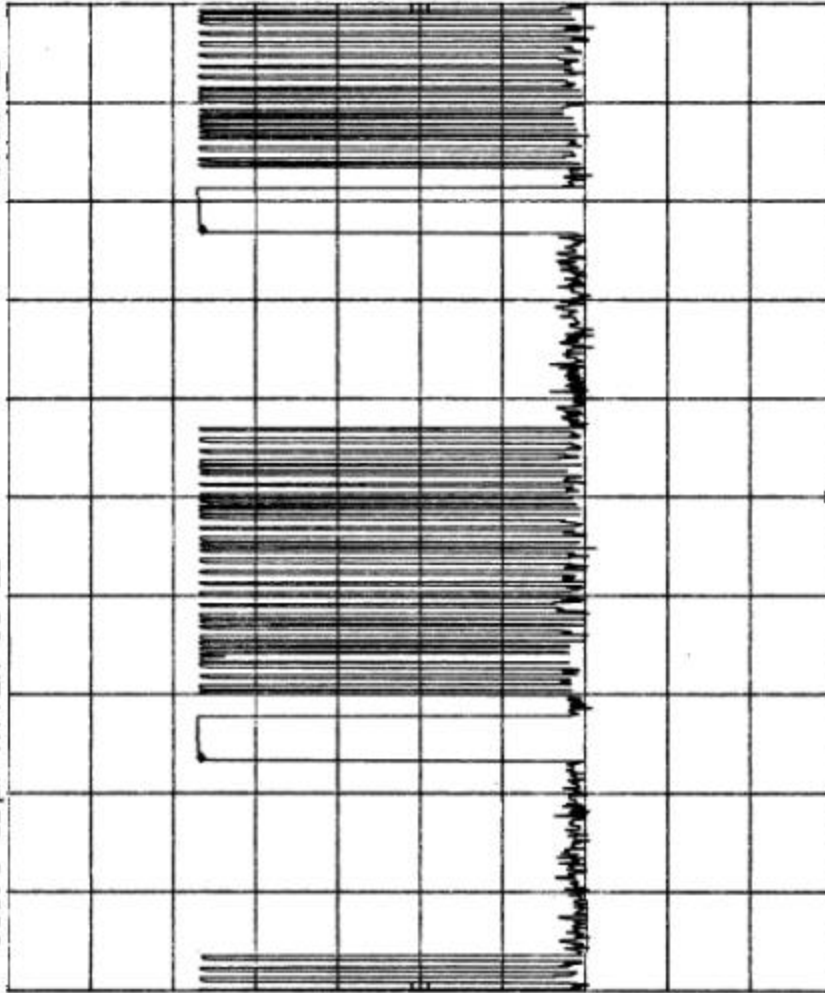


R-8506 UR19A X-10 Duty Cycle Determination MKR Δ 107.0 msec
 REF 100.0 dB μ V ATTN 10 dB

hp

10 dB/



CENTER 310.150 000 MHz
 RES BW 300 kHz
 SPAN 0 Hz
 SWP 200 msec
 VBW 1 MHz

Customer:	X-10 USA, Inc.
Test Sample:	310 Mhz Transmitter
Model No.:	UR19A FCC ID: B4SUR19A
Test Method:	Duty Cycle Determination
Notes:	Transmitter Cycle Time=107.0msec
Date:	May 2, 2000
Tech:	Peter Lananna
Sheet:	1 of 4

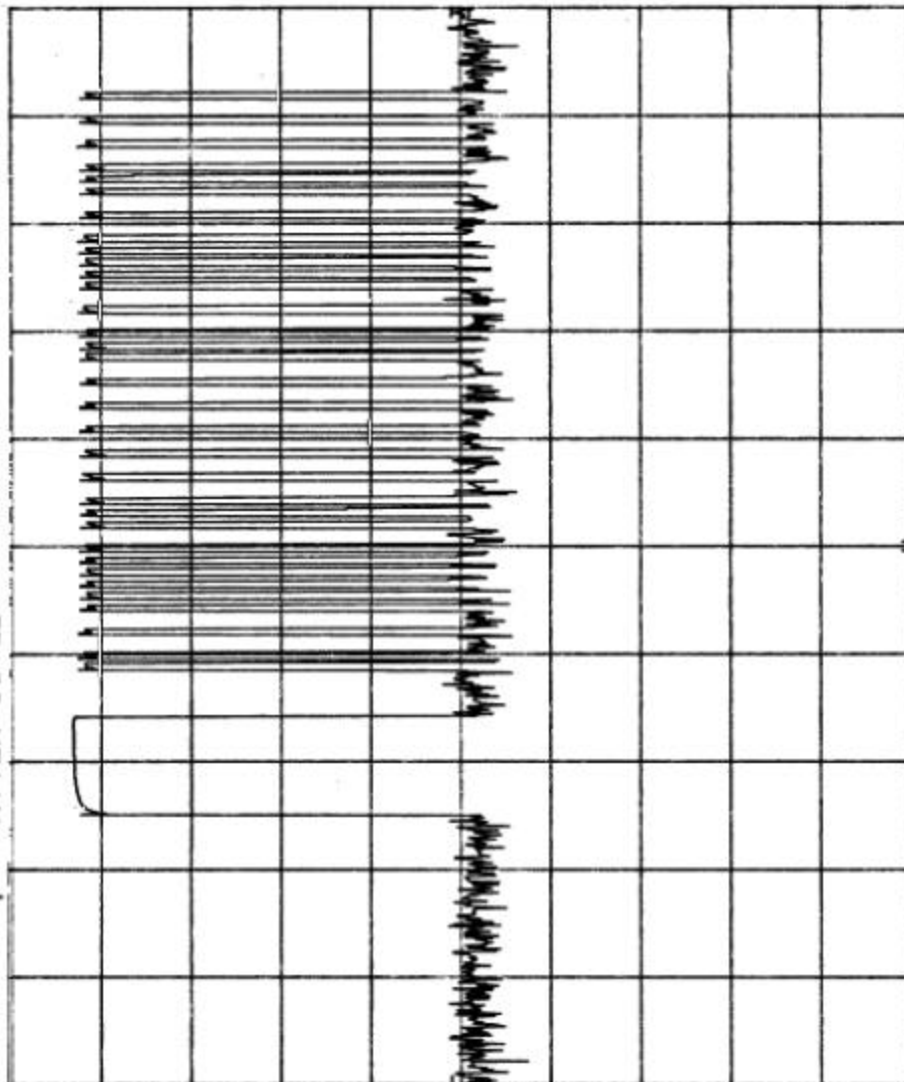


Retlif Testing Laboratories

Report No. R-8506

R-8506 UR19A X-10 Duty Cycle Determination PL 5/2/00
 REF 77.0 dBμV ATTN 10 dB

10 dB/



CENTER 310.150 000 MHz
 RES BW 100 kHz
 VBW 300 kHz
 SWP 100 msec
 SPAN 0 Hz

Customer: X-10 USA, Inc.
 Test Sample: 310 Mhz Transmitter
 Model No.: UR19A FCC ID: B4SUR19A
 Test Method: Duty Cycle Determination
 Notes: Worst case in any 100msec. sweep.
 Date: May 2, 2000 Tech: Peter Laranna Sheet 2 of 4

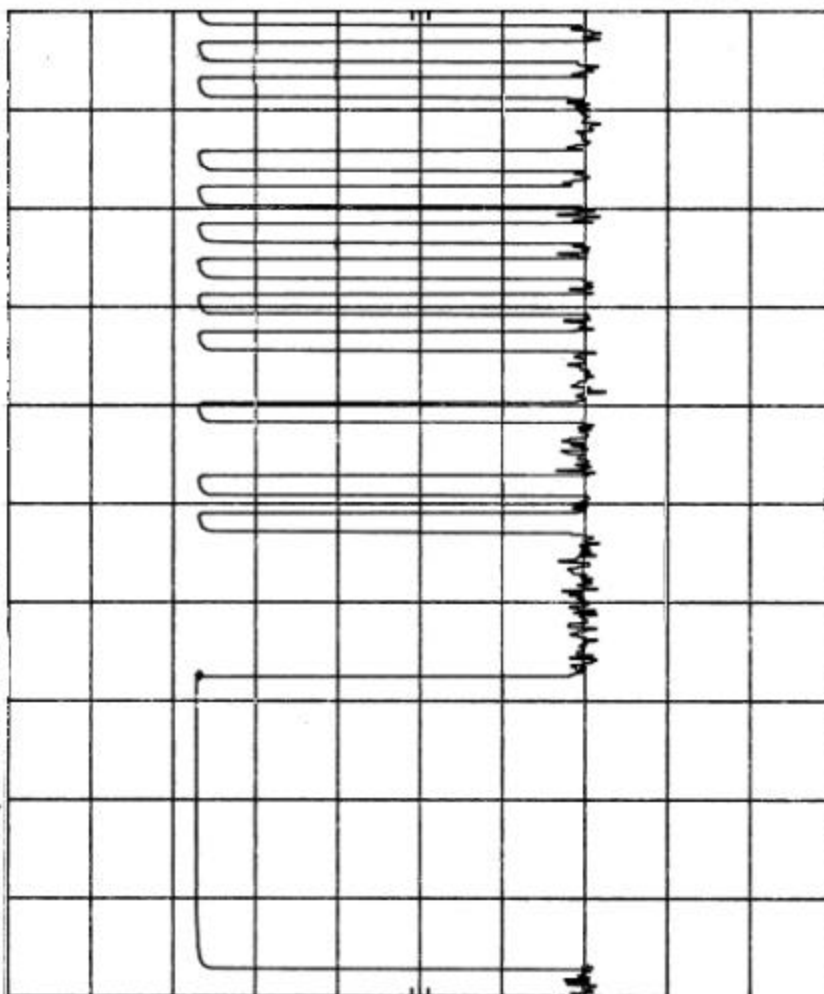


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Report No. R-8506

R-8506 UR19A X-10 Duty Cycle Determination MRR Δ 8.880 msec
 REF 100.0 dB μ W ATTEN 10 dB

hp
 10 dB/



CENTER 310.150 000 MHz
 RES BW 300 kHz
 SPAN 0 Hz
 SWP 30.0 msec
 VBW 1 MHz

Customer: X-10 USA, Inc.
 Test Sample: 310 MHz Transmitter
 Model No.: UR19A FCC ID: B4SUR19A
 Test Method: Duty Cycle Determination
 Notes: Large pulse.
 Duty cycle calculation: $1^*8.88\text{msec}=8.88\text{msec}$
 Date: May 2, 2000 Tech: Peter Lanza Sheet 3 of 4

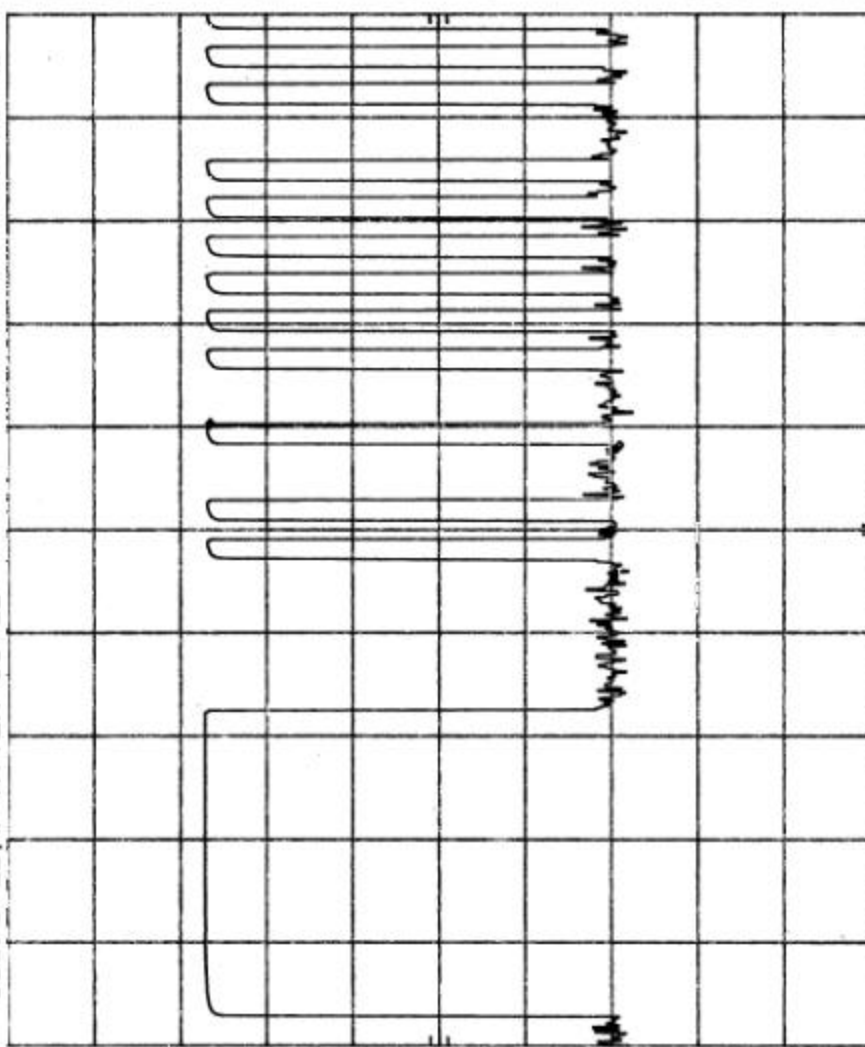


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Report No. R-8506

R-8506 UR19A X-10 Duty Cycle Determination MKR Δ 630.0 μ sec
 REF 100.0 dB μ V ATTEN 10 dB

10 dB/
 10 dB/



CENTER 310.150 000 MHz
 RES BW 300 kHz
 SPAN 0 Hz
 SWP 30.0 msec
 VBW 1 MHz

Customer:	X-10 USA, Inc.
Test Sample:	310 MHz Transmitter
Model No.:	UR19A FCC ID: B4SUR19A
Test Method:	Duty Cycle Determination
Notes:	Small pulse.
	Duty cycle calculation: $33 \times 630 \mu\text{sec} = 20.79 \text{ msec}$
Date:	May 2, 2000
Tech:	Peter Lananna
Sheet:	4 of 4



Retlif Testing Laboratories

Report No. R-8506