

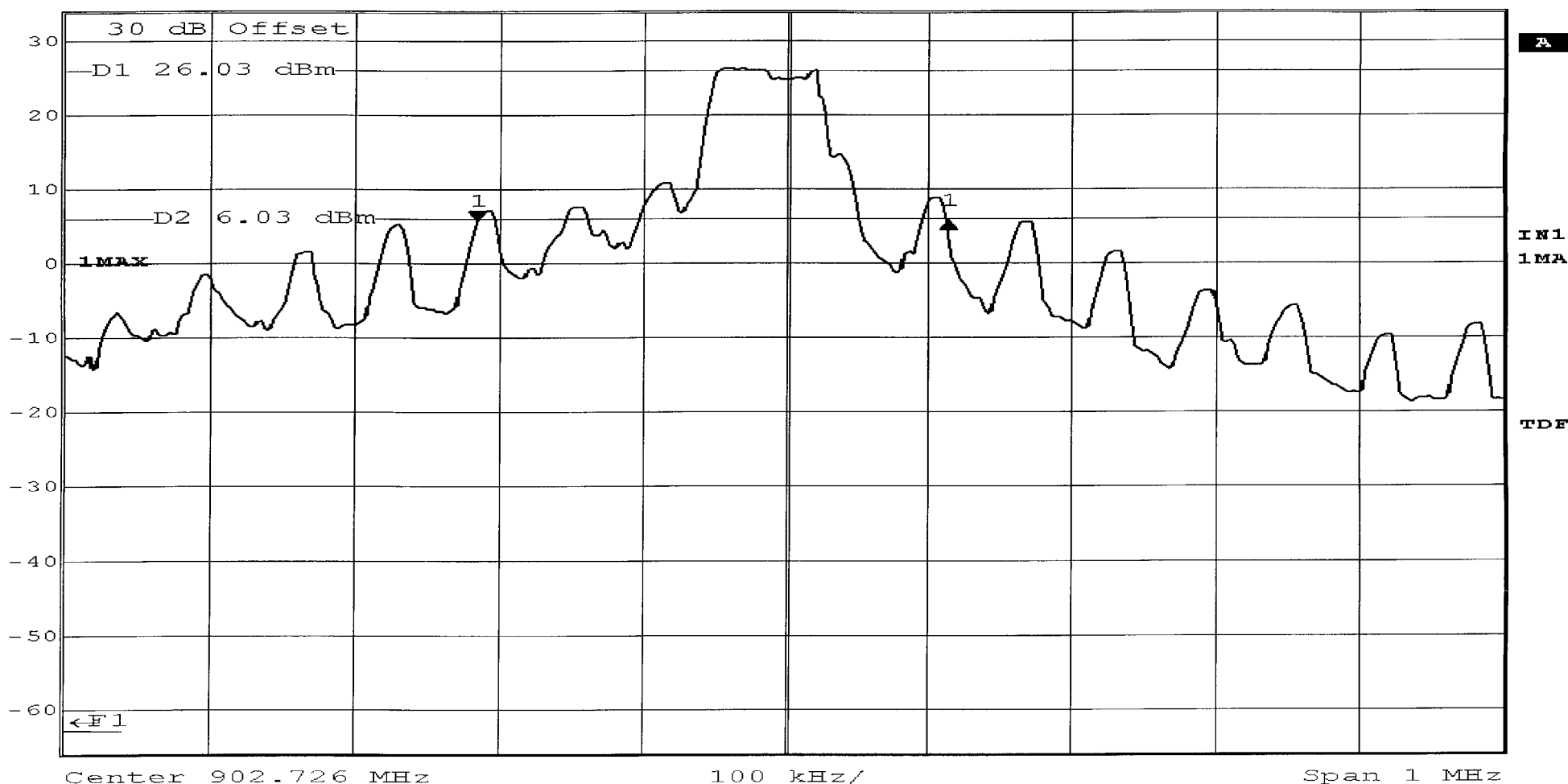
RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

Test Method:	20 dB Bandwidth		
Customer:	Markem Corporation	Test Sample:	RF ID Tag Reader
Model No:	6100	Serial No:	ENG2
Test Specification:	FCC Part 15, Subpart C		Paragraph: 15.247(a)(1)(i)
Operating Mode:	Transmitting a modulated signal		
Notes:	Frequency Tested: 902.726 MHz		
Job No:	R-4009N		
Technician:	T. Firkowski		
Date:	9/3/02		



Ref Lvl	Delta 1 [T1]	RBW	10 kHz	RF Att	30 dB
34 dBm	0.03 dB	VBW	30 kHz		
	328.65731463 kHz	SWT	25 ms	Unit	dBm



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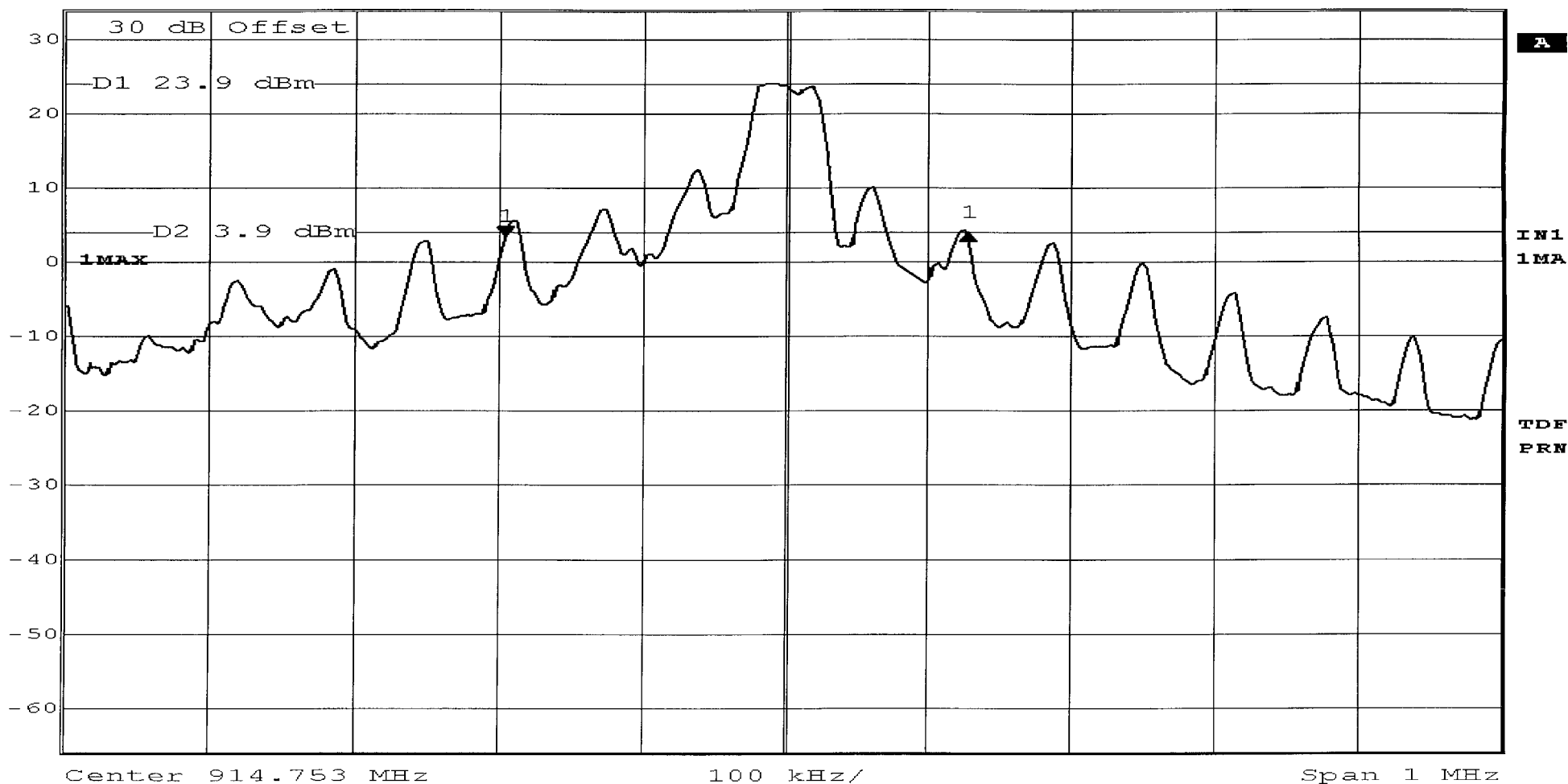
RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

Test Method:	20 dB Bandwidth		
Customer:	Markem Corporation	Test Sample:	RF ID Tag Reader
Model No:	6100	Serial No:	ENG2
Test Specification:	FCC Part 15, Subpart C	Paragraph:	15.247(a)(1)(i)
Operating Mode:	Transmitting a modulated signal		
Notes:	Frequency Tested: 914.773 MHz		
Job No:	R-4009N		
Technician:	T. Firkowski		
Date:	9/3/02		



Delta 1 [T1] RBW 10 kHz RF Att 30 dB
 Ref Lvl 0.47 dB VBW 30 kHz
 34 dBm 322.64529058 kHz SWT 25 ms Unit dBm



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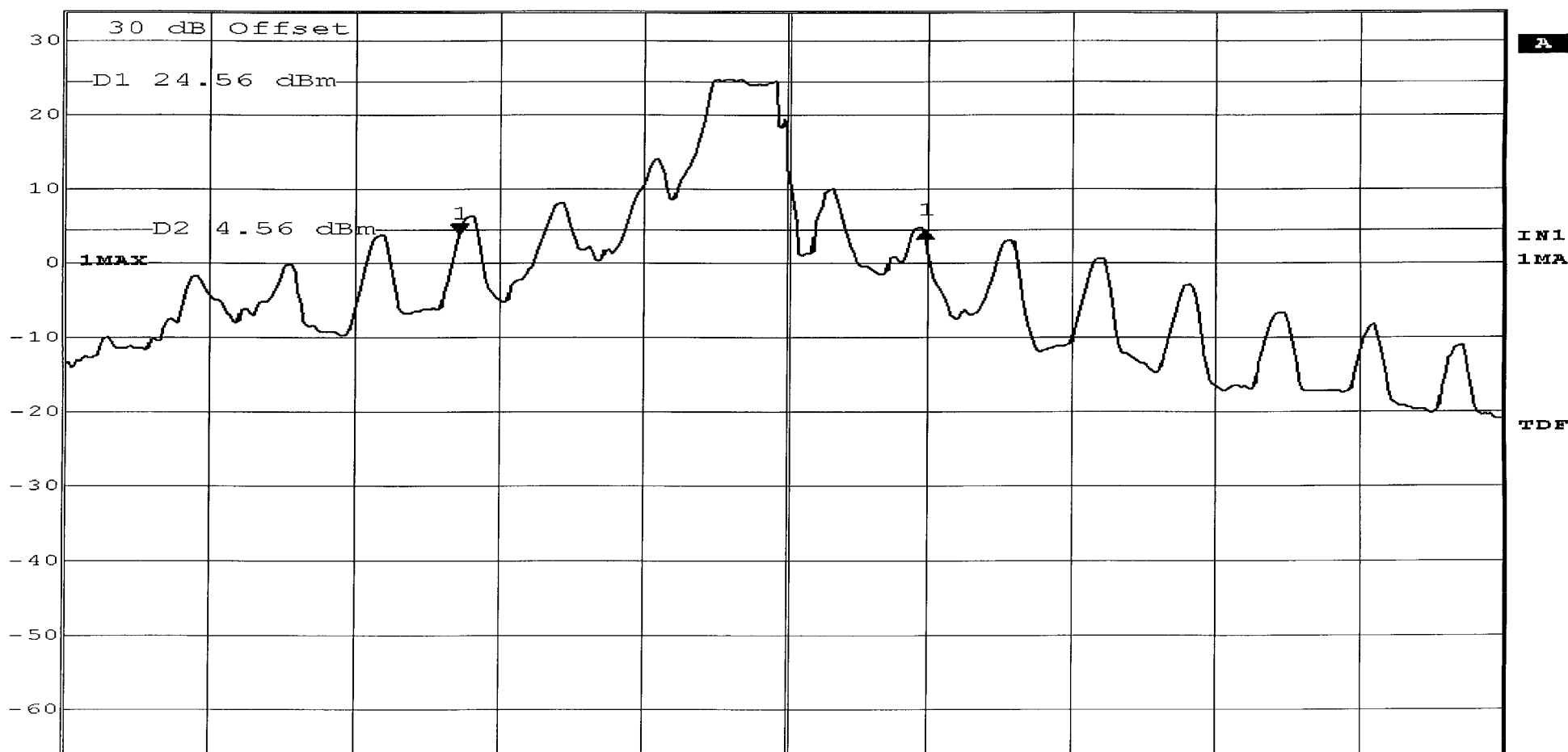
RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

Test Method:	20 dB Bandwidth		
Customer:	Markem Corporation	Test Sample:	RF ID Tag Reader
Model No:	6100	Serial No:	ENG2
Test Specification:	FCC Part 15, Subpart C	Paragraph:	15.247(a)(1)(i)
Operating Mode:	Transmitting a modulated signal		
Notes:	Frequency Tested: 927.322 MHz		
Job No:	R-4009N		
Technician:	T. Firkowski		
Date:	9/3/02		



Delta 1 [T1] RBW 10 kHz RF Att 30 dB
 Ref Lvl 0.53 dB VBW 30 kHz
 34 dBm 324.64929860 kHz SWT 25 ms Unit dBm



Center 927.332 MHz 100 kHz/ Span 1 MHz

Date: 3.SEP.2002 09:40:35

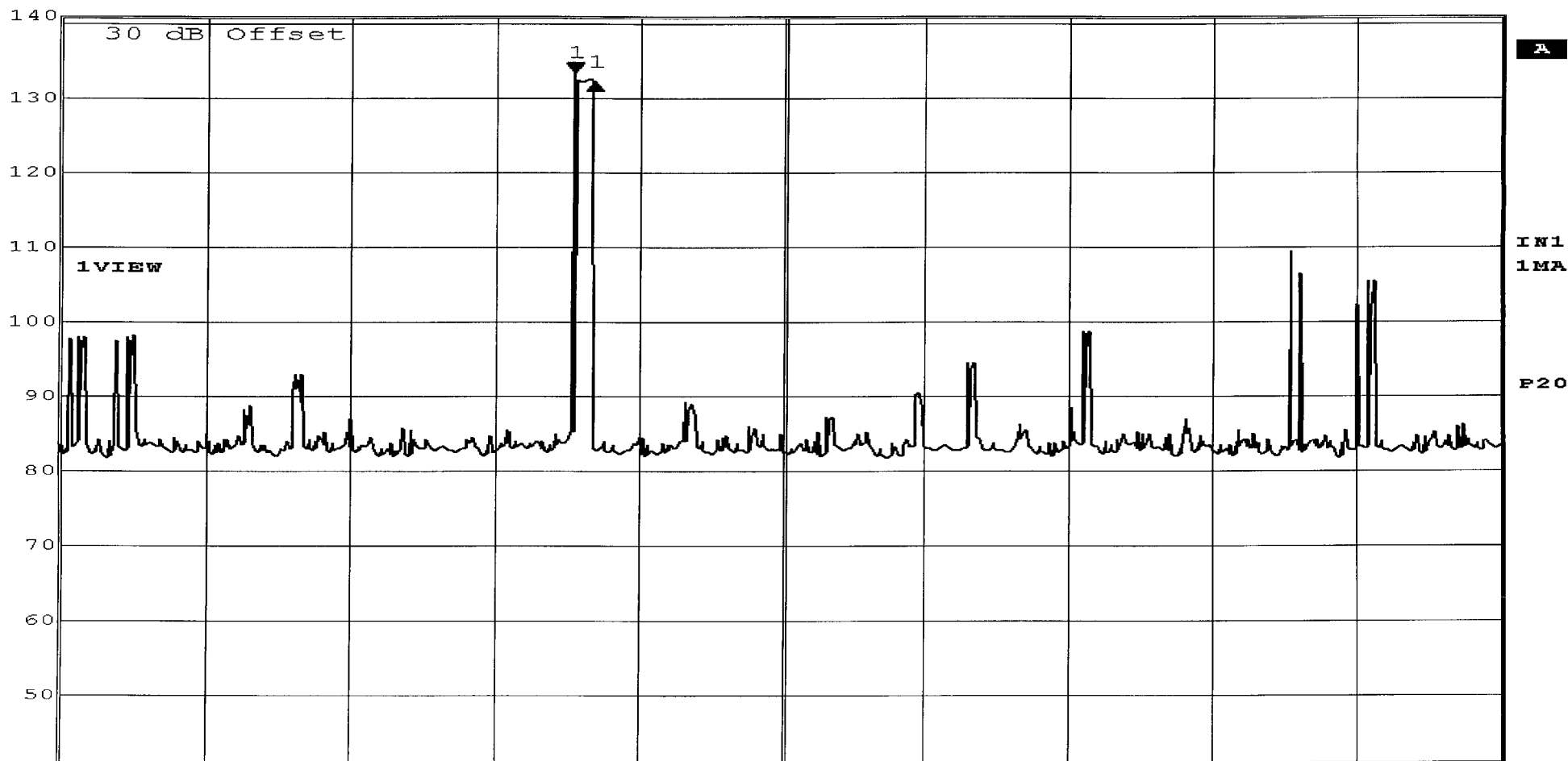
RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

Test Method:	Dwell Time		
Customer:	Markem Corporation	Test Sample:	RF ID Tag Reader
Model No:	6100	Serial No:	ENG1
Test Specification:	FCC Part 15, Subpart C	Paragraph:	15.247(a)(1)(i)
Operating Mode:	Transmitting a modulated signal		
Notes:	Frequency Tested: 914.773 MHz - Frequency Hopping		



Delta 1 [T1] RBW 100 kHz RF Att 50 dB
 Ref Lvl -1.24 dB VBW 300 kHz
 141 dBμV 15.020040 ms SWT 1 s Unit dBμV



Center 914.7519579 MHz 100 ms/

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RETLIF TESTING LABORATORIES

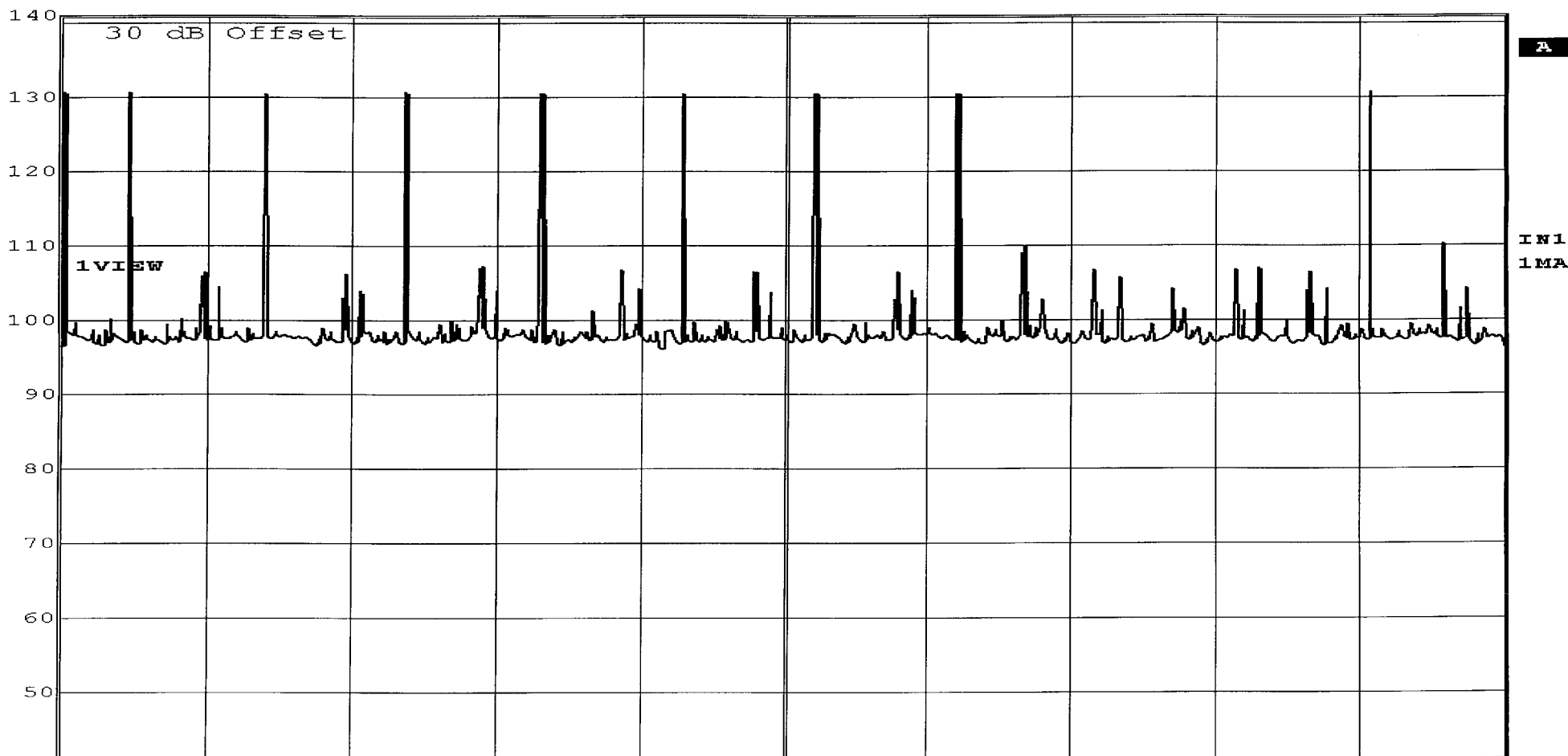
EMISSIONS DATA SHEET

Test Method:	Time of Occupancy		
Customer:	Markem Corporation	Test Sample:	RF ID Tag Reader
Model No:	6100	Serial No:	ENG1
Test Specification:	FCC Part 15, Subpart C	Paragraph:	15.247(a)(1)(i)
Operating Mode:	Transmitting a modulated signal		
Notes:	Frequency Tested: 914.773 MHz - Frequency Hopping		
Job No:	R-4009N		Technician:
		T. Firkowski	
		Date:	
		9/10/02	



Ref Lvl
141 dBμV

RBW 100 kHz RF Att 50 dB
VBW 300 kHz
SWT 10 s Unit dBμV



Center 914.752 MHz

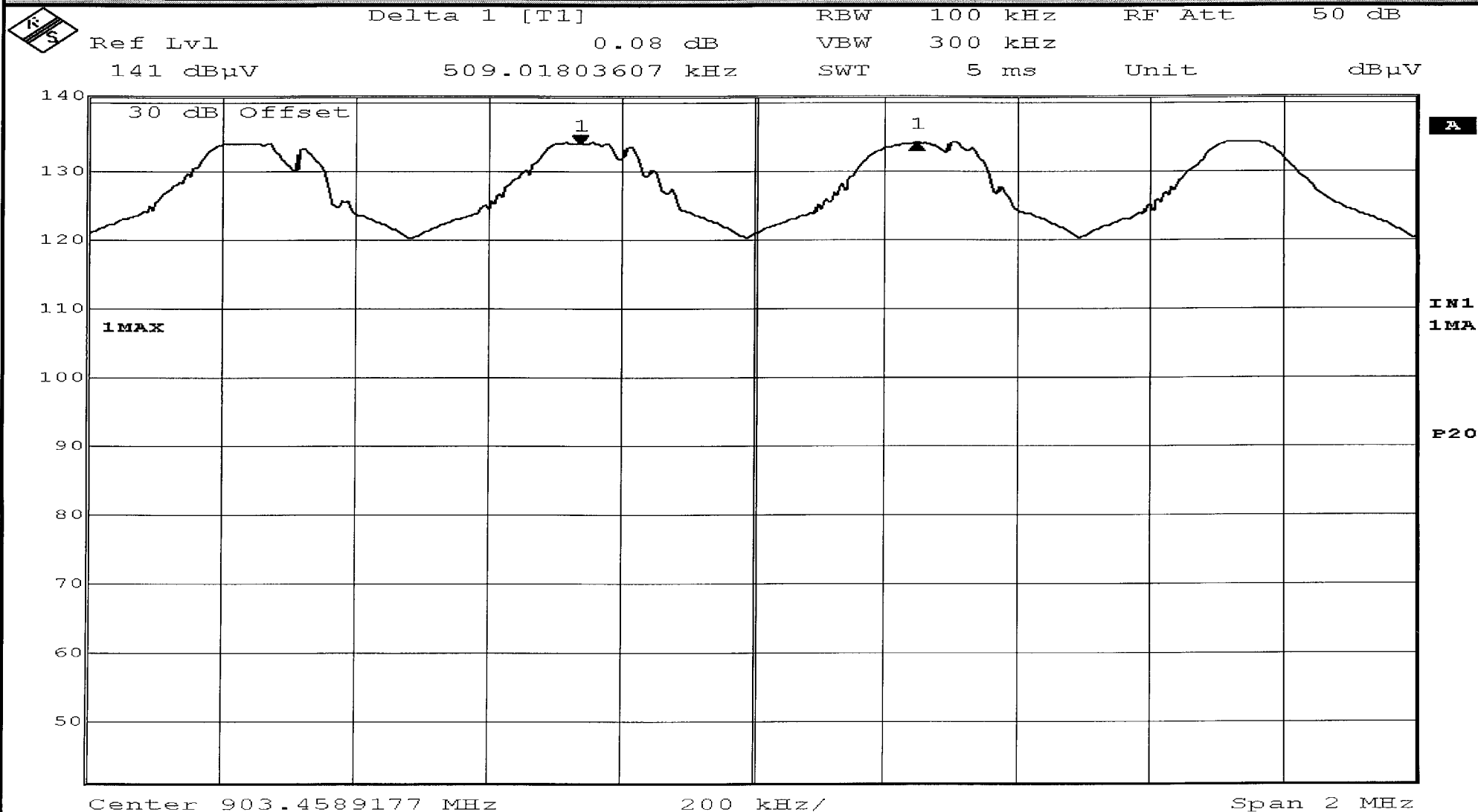
1 s/

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RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

Test Method:	Carrier Frequency Separation		
Customer:	Markem Corporation	Test Sample:	RF ID Tag Reader
Model No:	6100	Serial No:	ENG1
Test Specification:	FCC Part 15, Subpart C	Paragraph:	15.247(a)(1)
Operating Mode:	Transmitting a modulated signal		
Notes:	20 db BW is 322 kHz		
Job No:	R-4009N		
Technician:	T. Firkowski		
Date:	8/20/02		

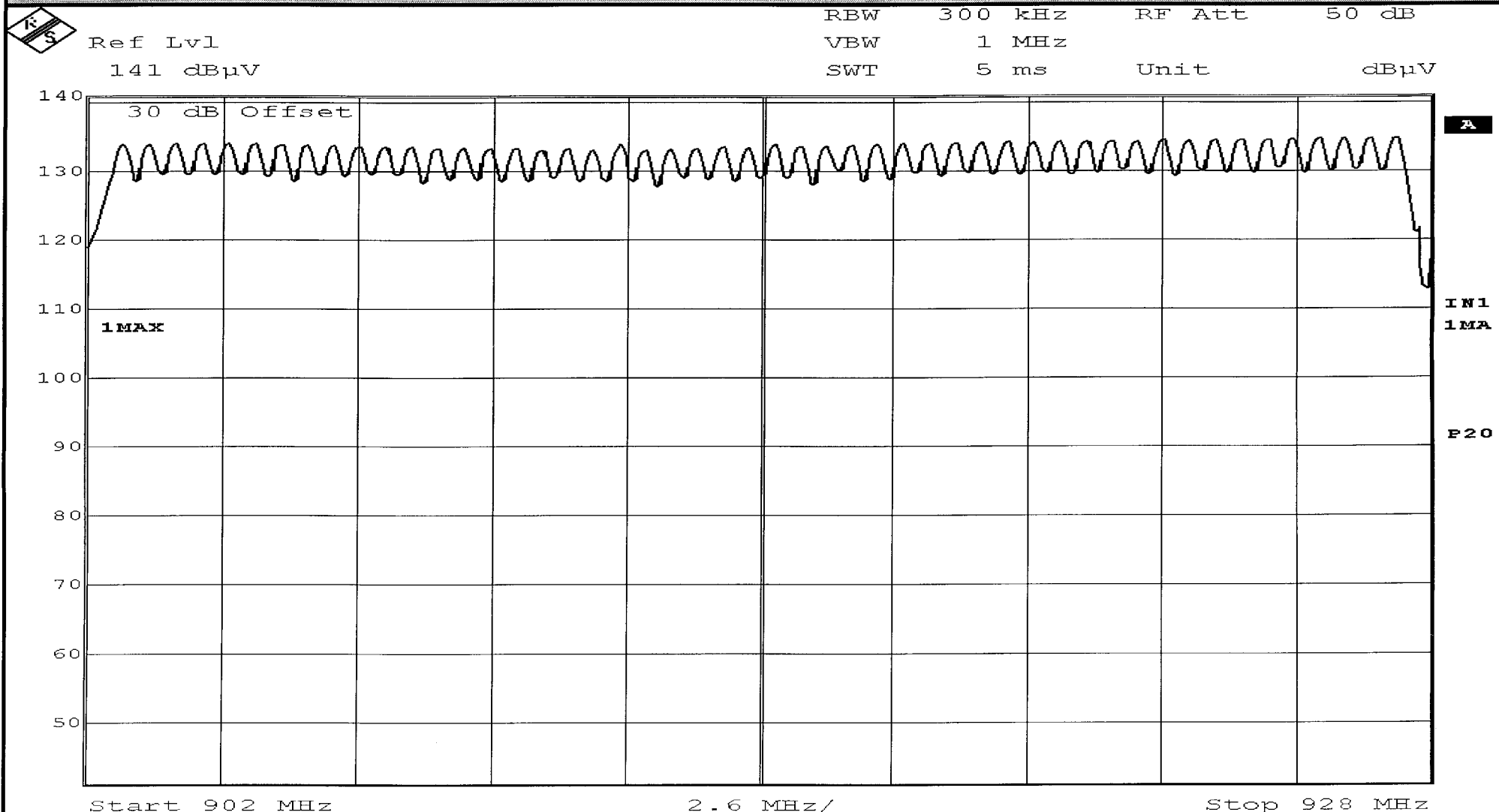


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RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

Test Method:	Number of Hopping Frequencies		
Customer:	Markem Corporation	Test Sample:	RF ID Tag Reader
Model No:	6100	Serial No:	ENG1
Test Specification:	FCC Part 15, Subpart C		Paragraph: 15.247(a)(1)(i)
Operating Mode:	Transmitting a modulated signal		
Notes:	Number of Hopping Frequencies = 50		



Date: 20.AUG.2002 11:05:44