

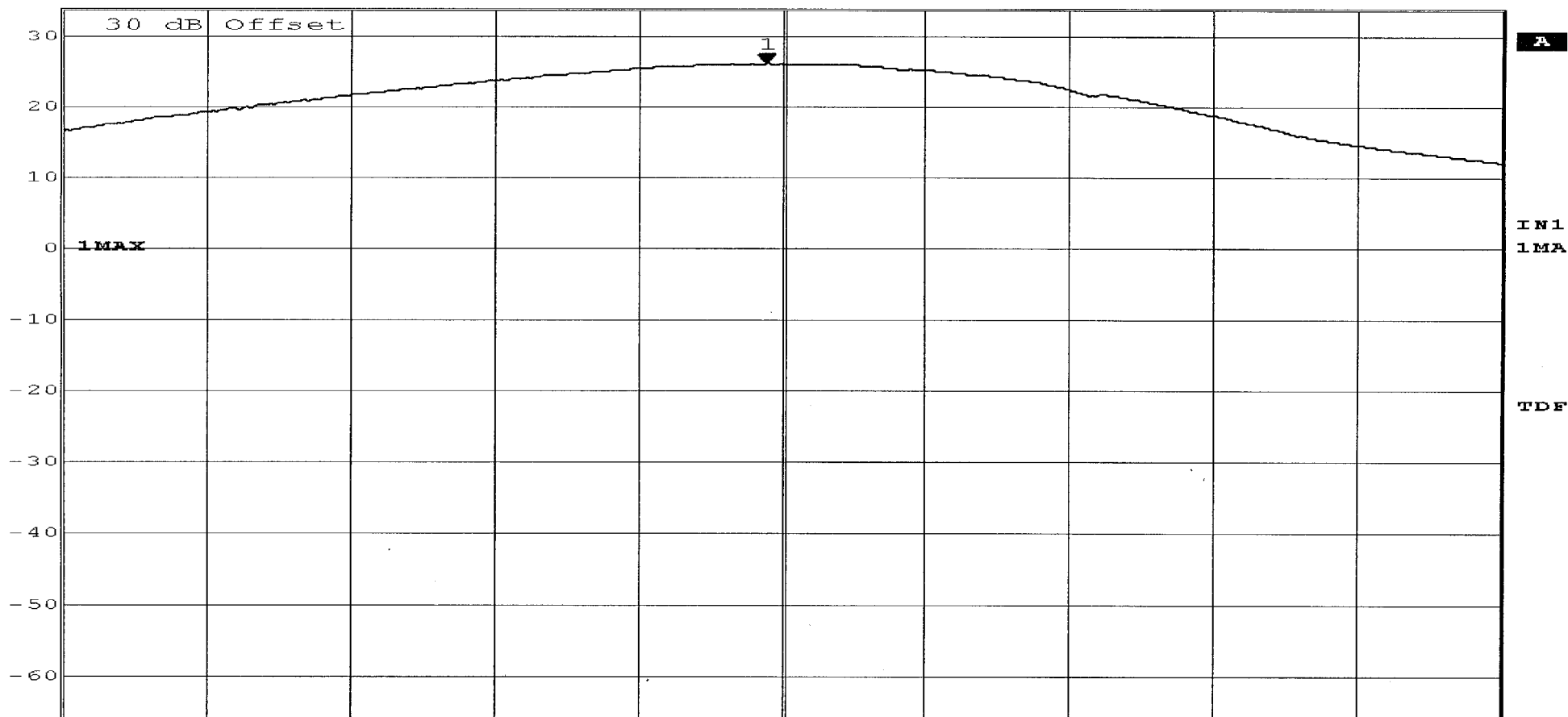
RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

Test Method:	Peak Output Power		
Customer:	ThingMagic LLC	Test Sample:	RF ID Tag Reader
Model No:	Mercury 2	Serial No:	ENG2
Test Specification:	FCC Part 15, Subpart C	Paragraph:	15.247(b)
Operating Mode:	Transmitting a modulated signal		
Notes:	Frequency Tested: 902.726 MHz		
Job No:	R-4117N		
Technician:	T. Firkowski		
Date:	9/3/02		



Marker 1 [T1] RBW 500 kHz RF Att 30 dB
 Ref Lvl 26.10 dBm VBW 2 MHz
 34 dBm 902.70946693 MHz SWT 5 ms Unit dBm



Center 902.726 MHz 150 kHz/ Span 1.5 MHz

Date: 3.SEP.2002 09:54:03

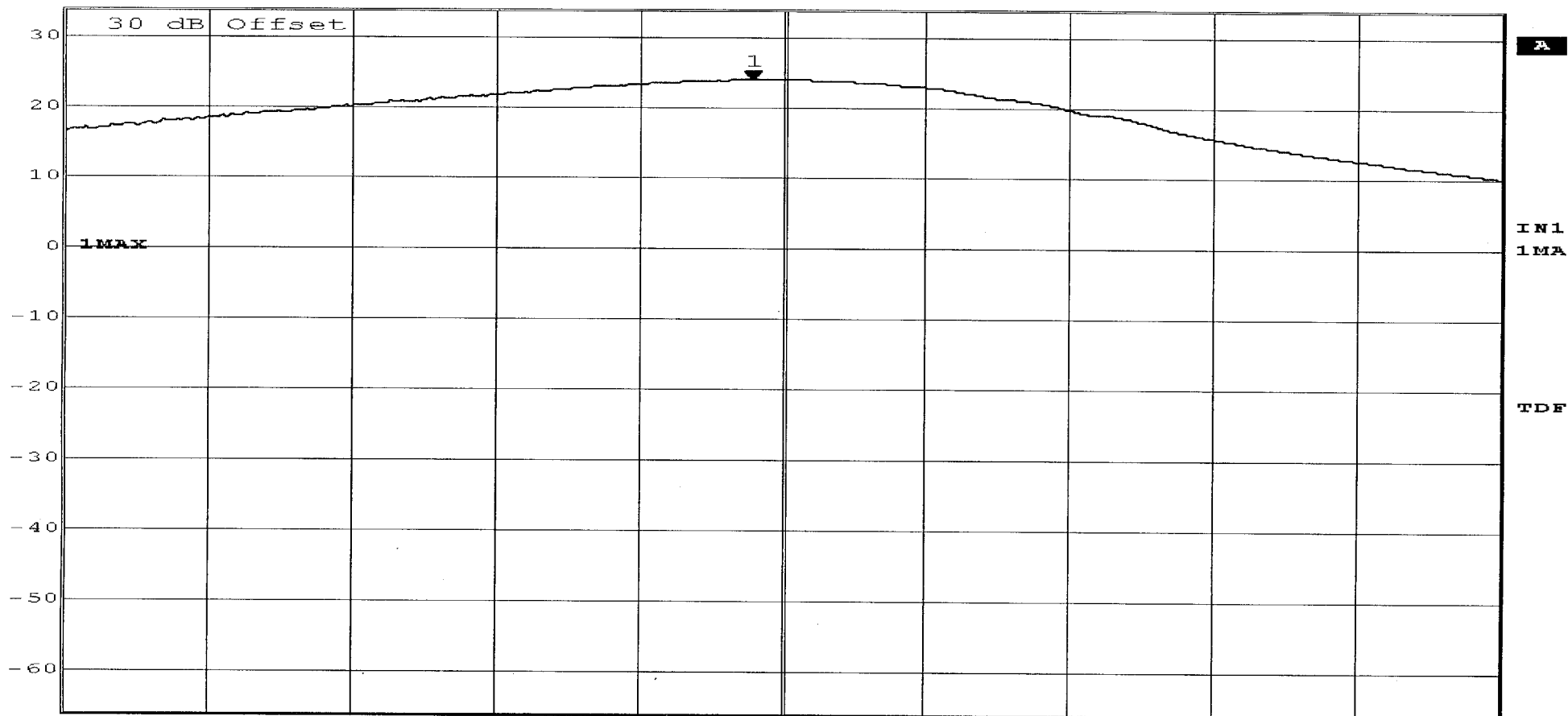
RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

Test Method:	Peak Output Power		
Customer:	ThingMagic LLC	Test Sample:	RF ID Tag Reader
Model No:	Mercury 2	Serial No:	ENG2
Test Specification:	FCC Part 15, Subpart C	Paragraph:	15.247(b)
Operating Mode:	Transmitting a modulated signal		
Notes:	Frequency Tested: 914.773 MHz		
Job No:	R-4117N		
Technician:	T. Firkowski		
Date:	9/3/02		



Marker 1 [T1] RBW 500 kHz RF Att 30 dB
 Ref Lvl 23.94 dBm VBW 2 MHz
 34 dBm 914.74143687 MHz SWT 5 ms Unit dBm



Center 914.773 MHz 150 kHz/ Span 1.5 MHz

Date: 3.SEP.2002 09:48:37

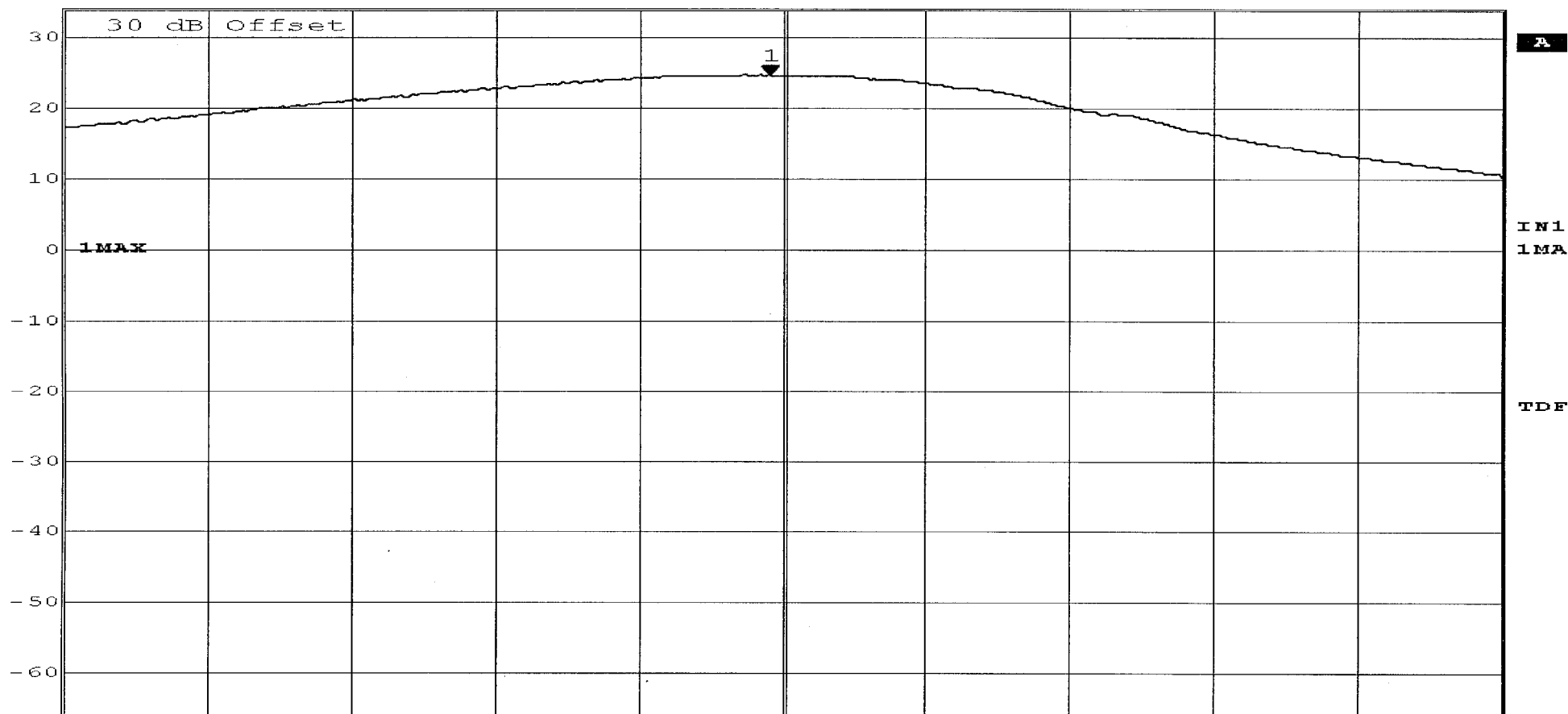
RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

Test Method:	Peak Output Power		
Customer:	ThingMagic LLC	Test Sample:	RF ID Tag Reader
Model No:	Mercury 2	Serial No:	ENG2
Test Specification:	FCC Part 15, Subpart C	Paragraph:	15.247(b)
Operating Mode:	Transmitting a modulated signal		
Notes:	Frequency Tested: 927.322 MHz		
Job No:	R-4117N		Technician:
		T. Firkowski	
		Date:	9/3/02



Marker 1 [T1] RBW 500 kHz RF Att 30 dB
 Ref Lvl 24.56 dBm VBW 2 MHz
 34 dBm 927.31847295 MHz SWT 5 ms Unit dBm

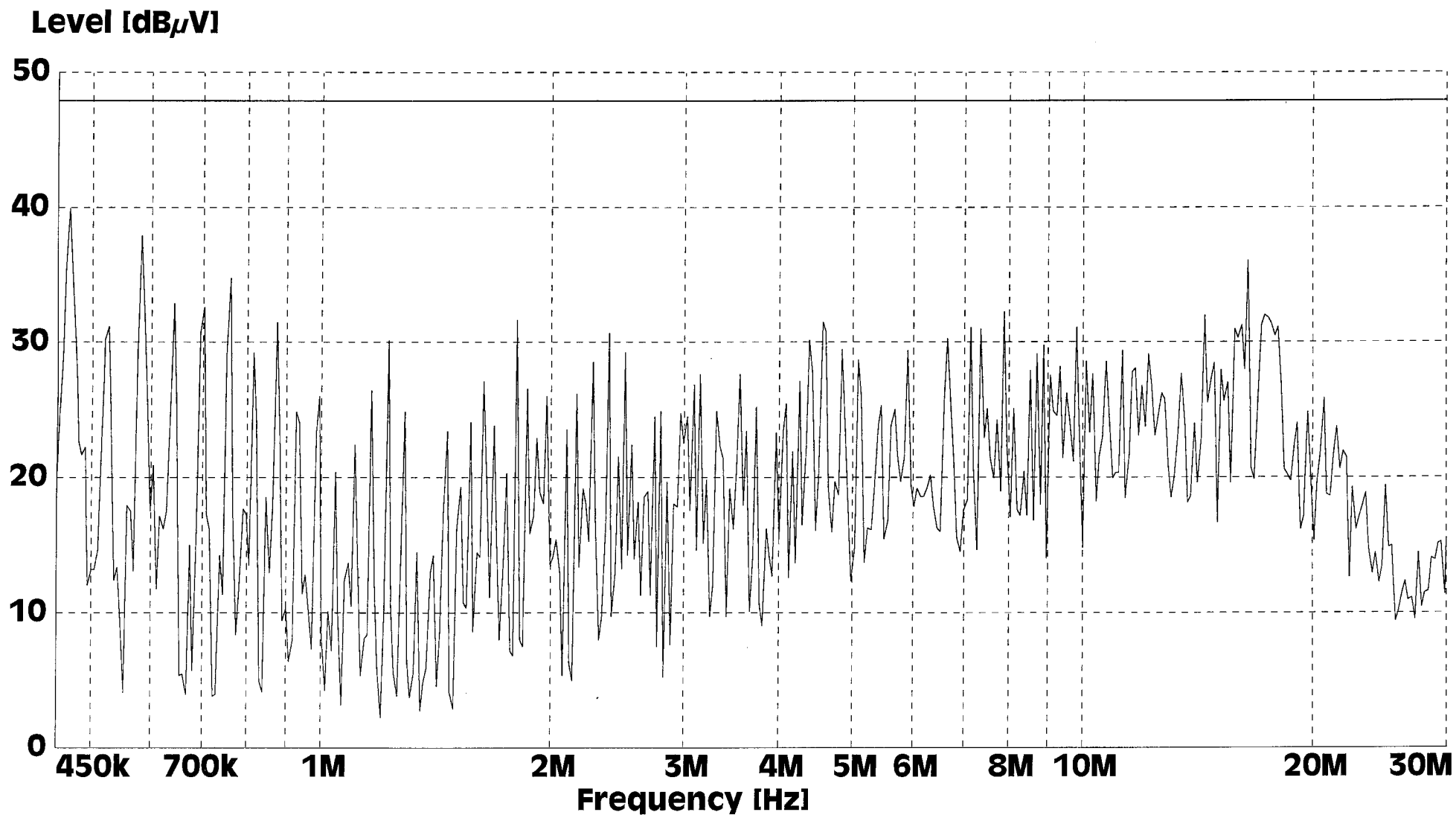


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RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

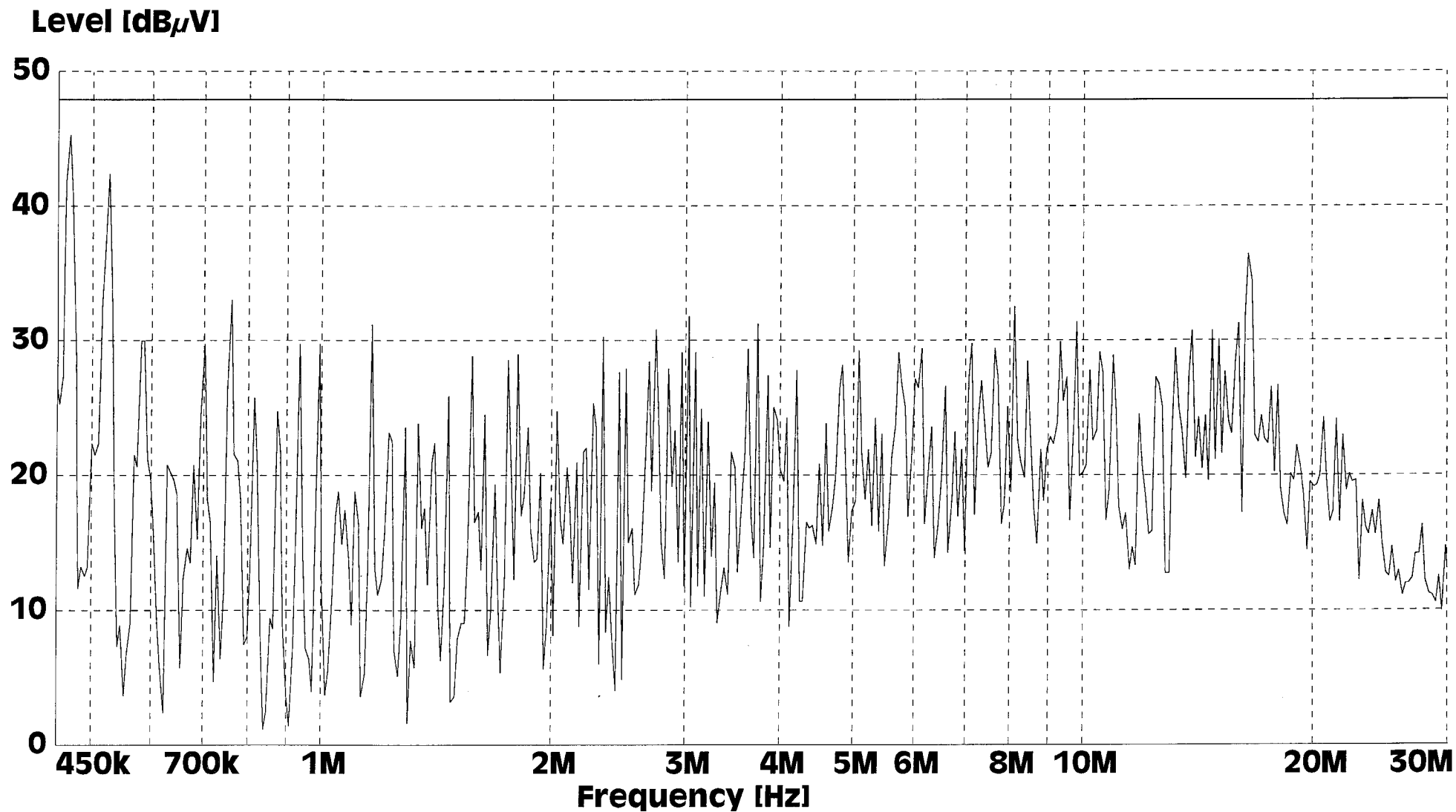
Test Method:	Conducted Emissions					
Customer:	ThingMagic LLC	Test Sample:	RF ID Tag Reader	Job No:	R-4117N	
Model No:	Mercury 2	Serial No:	ENG1	Technician:	T. Firkowski	
Test Specification:	FCC Part 15, Subpart C			Paragraph: 15.207(a)	Date:	8/21/02
Operating Mode:	Transmitting a modulated signal		Frequency Tested: Frequency Hopping 902.726-927.322 MHz			
Notes:	Lead Tested: Hot 120 VAC 60 Hz Peak Readings to Quasi-Peak Limits					



RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

Test Method:	Conducted Emissions				
Customer:	ThingMagic LLC	Test Sample:	RF ID Tag Reader	Job No:	R-4117N
Model No:	Mercury 2	Serial No:	ENG1	Technician:	T. Firkowski
Test Specification:	FCC Part 15, Subpart C			Paragraph: 15.207(a)	Date: 8/21/02
Operating Mode:	Transmitting a modulated signal		Frequency Tested: Frequency Hopping 902.726-927.322 MHz		
Notes:	Lead Tested: Neutral 120 VAC 60 Hz Peak Readings to Quasi-Peak Limits				



EMISSIONS DATA SHEET

Spurious Radiated Emissions

ThingMagic LLC

R-4117N

RF ID Tag Reader

Mercury 2

Serial No:

ENG2

FCC Part 15, Subpart C

Paragraph: 15.247(c)

Transmitting a CW signal

T. Firkowski

Date:

9/4/02

RF ID Tag Reader tested with linear antenna Cushcraft # S9028P

Detector: Peak

RBW: 1MHz VBW 10 Hz

[illegible]

EUT Emissions observed during Spurious RF Conducted Emissions test that fall within restricted band were measured. "-" = Signal levels were lower than the noise floor of the receiver.

EMISSIONS DATA SHEET

Test Method:	Spurious Radiated Emissions		
Customer:	ThingMagic LLC	Job No:	R-4117N
Test Sample:	RF ID Tag Reader		
Model No:	Mercury 2	Serial No:	ENG2
Test Specification:	FCC Part 15, Subpart C Paragraph: 15.247(c)		
Operating Mode:	Transmitting a CW signal		
Technician:	T. Firkowski	Date:	9/4/02
Notes:	RF ID Tag Reader tested with Circular antenna Cushcraft # S9028PC Detector: Peak RBW: 1MHz VBW 10 Hz		

[illegible]

EUT Emissions observed during Spurious RF Conducted Emissions test that fall within restricted band were measured. "-" = Signal levels were lower than the noise floor of the receiver.