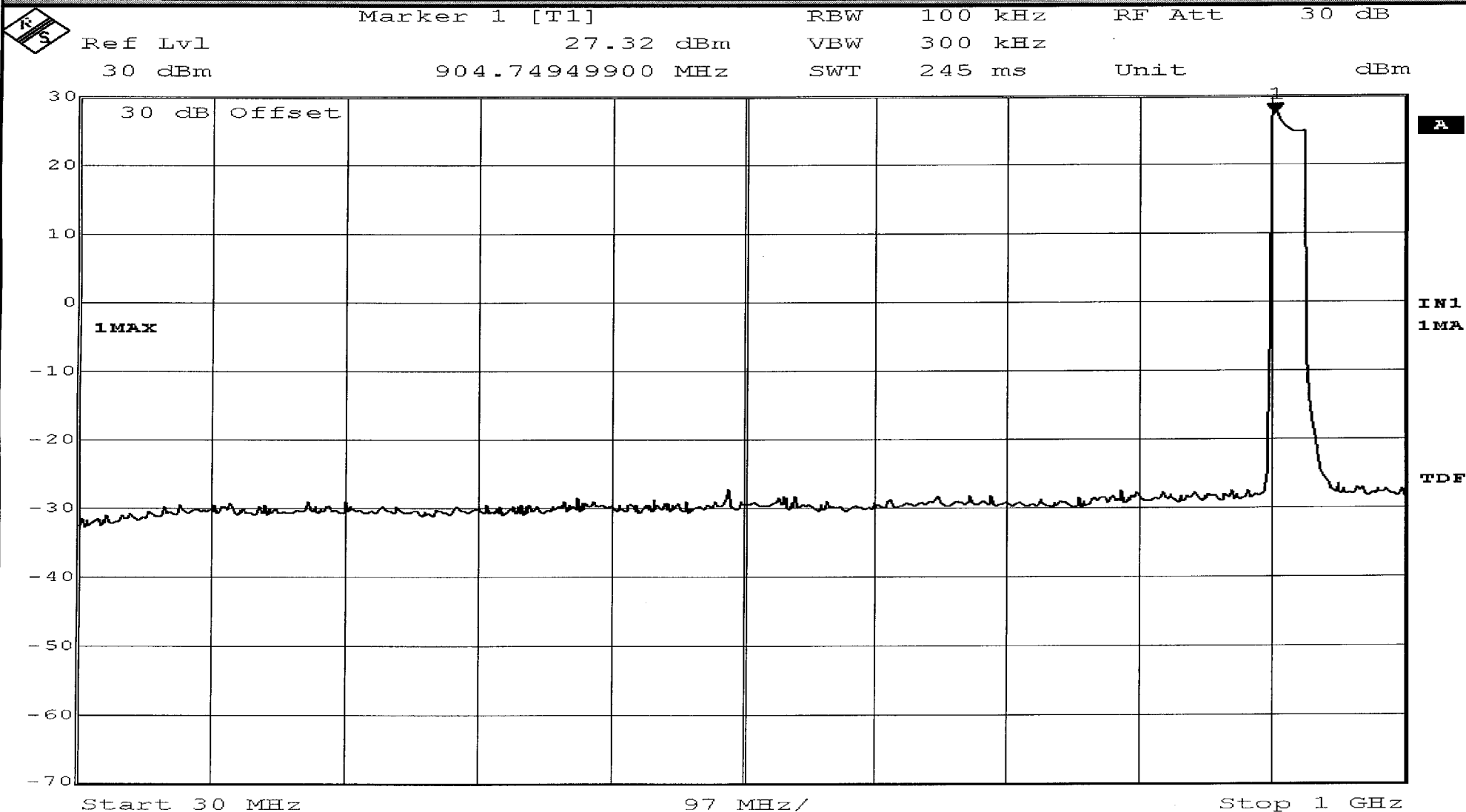


RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

Test Method:	Spurious RF Conducted Emissions 30 MHz to 9.5 GHz		
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(c)
Operating Mode:	Transmitting a modulated signal		
Notes:	Frequency Tested: Frequency Hopping 902.726-927.322 MHz		
Job No:	R-4117N		
Technician:	T. Firkowski		
Date:	9/3/02		

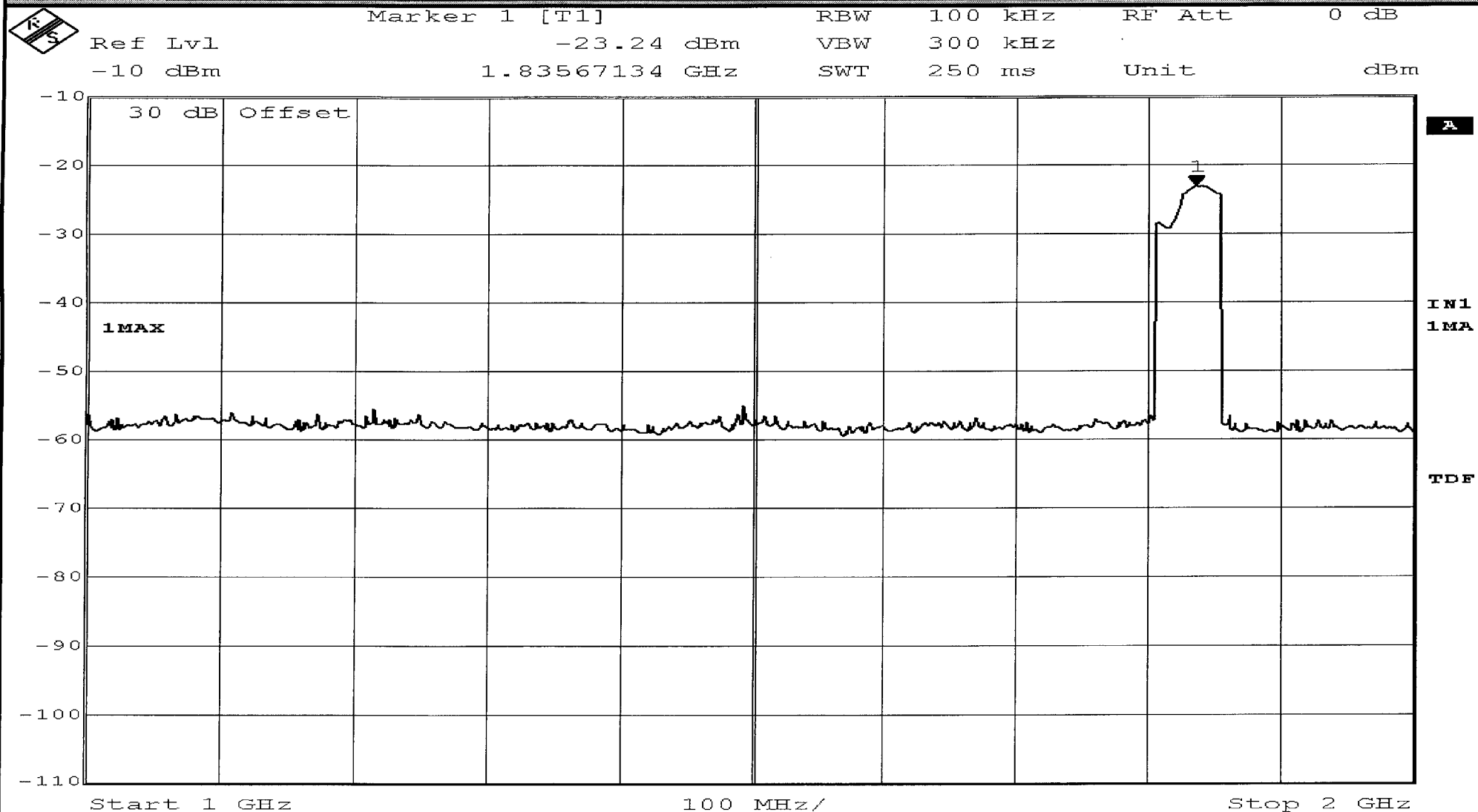


Date: 3.SEP.2002 14:15:00

RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

Test Method:	Spurious RF Conducted Emissions 30 MHz to 9.5 GHz		
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(c)
Operating Mode:	Transmitting a modulated signal		
Notes:	Frequency Tested: Frequency Hopping 902.726-927.322 MHz		
Job No:	R-4117N		
Technician:	T. Firkowski		
Date:	9/3/02		



Date: 3.SEP.2002 14:21:04

RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

Test Method:	Spurious RF Conducted Emissions 30 MHz to 9.5 GHz		
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(c)
Operating Mode:	Transmitting a modulated signal		
Notes:	Frequency Tested: Frequency Hopping 902.726-927.322 MHz		
Job No:	R-4117N		
Technician:	T. Firkowski		
Date:	9/3/02		



Marker 1 [T1]

RBW 100 kHz

RF Att 0 dB

0 dB

Ref Lvl

-28.09 dBm

VBW

300 kHz

-10 dBm

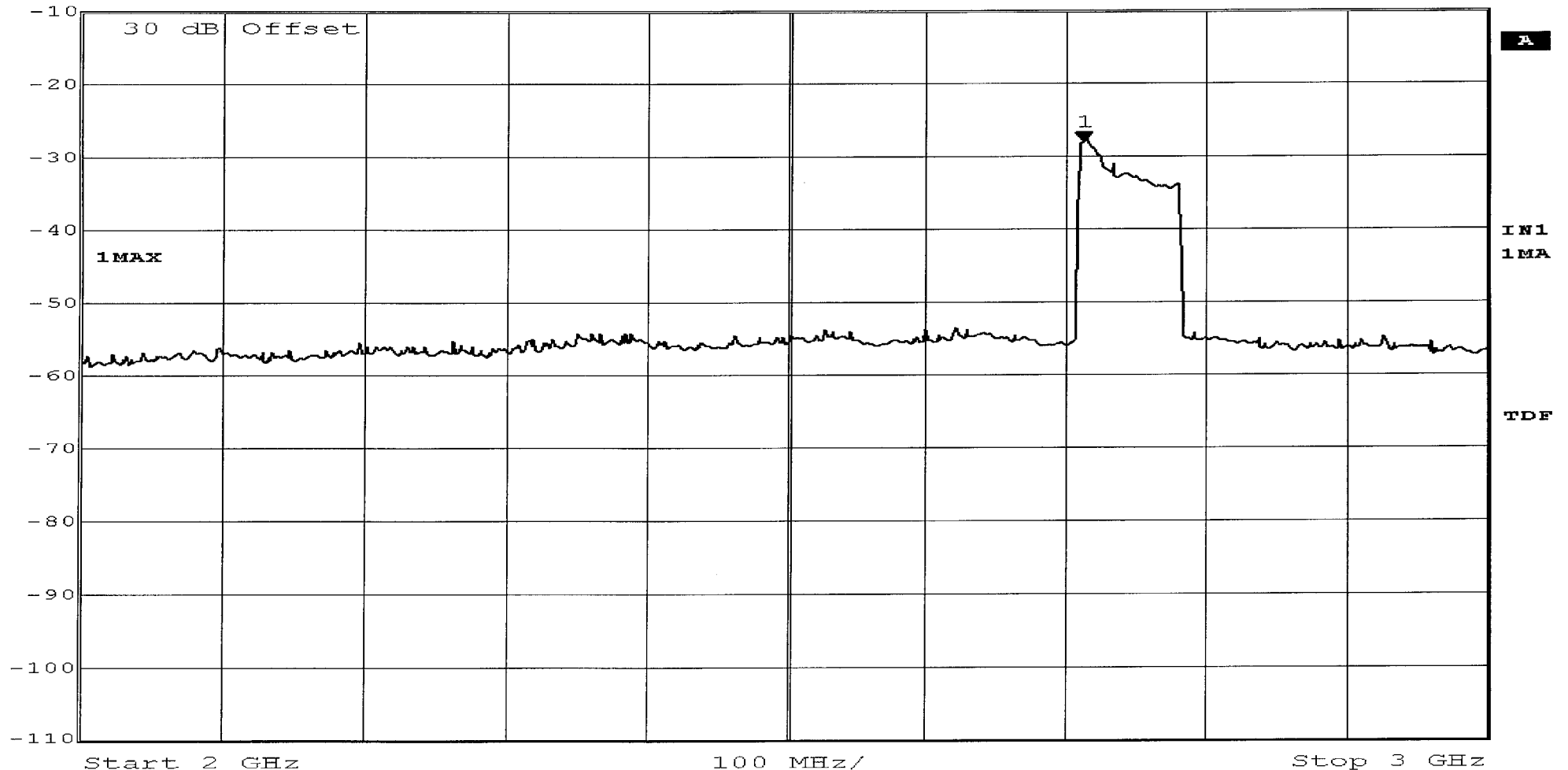
2.71142285 GHz

SWT

250 ms

Unit

dBm



Date: 3.SEP.2002 14:24:20

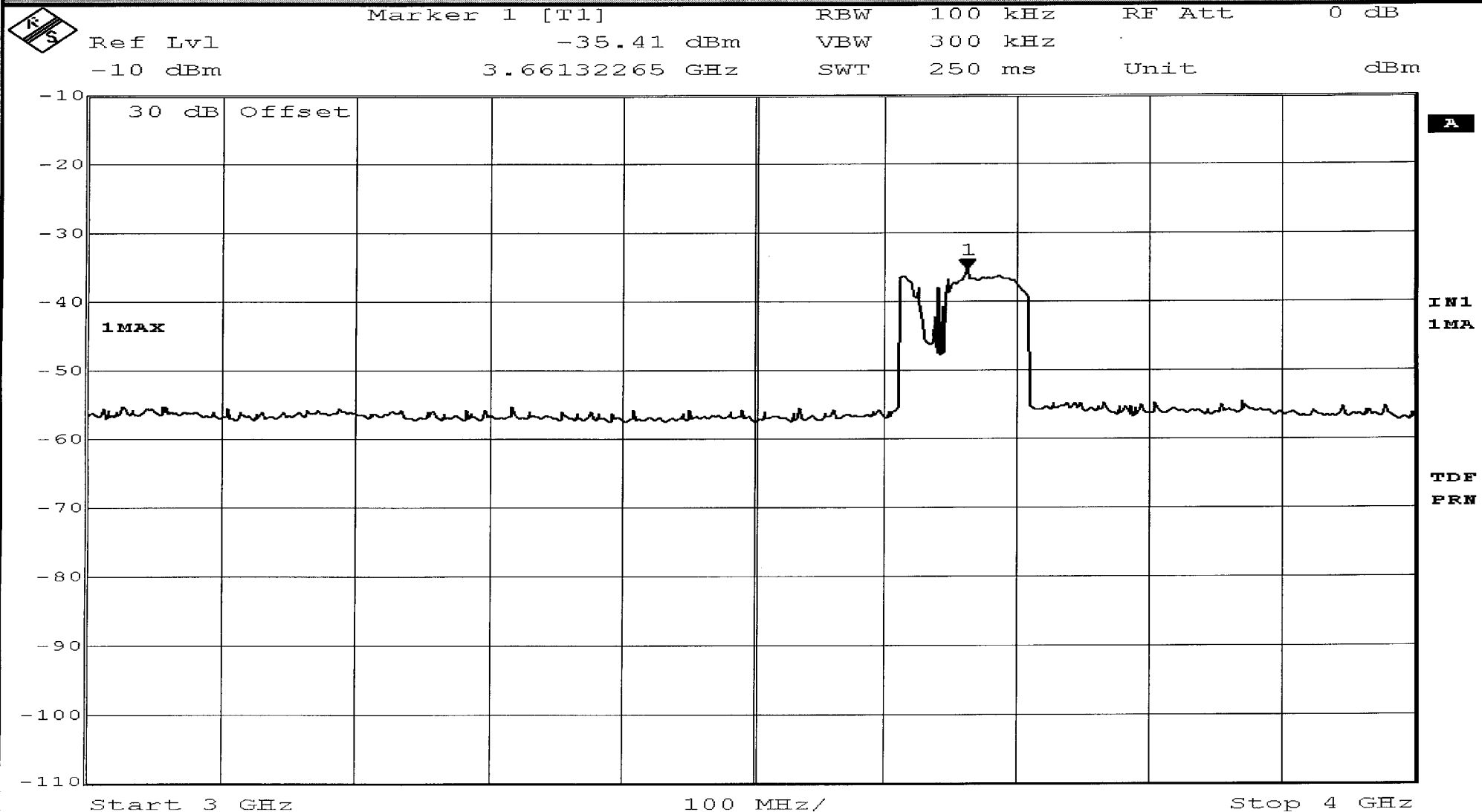
Data Sheet 3 of 10

R-4117N

RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

Test Method:	Spurious RF Conducted Emissions 30 MHz to 9.5 GHz				
Customer:	ThingMagic LLC	Test Sample:	RF ID Tag Reader	Job No:	R-4117N
Model No:	Mercury 2	Serial No:	ENG2	Technician:	T. Firkowski
Test Specification:	FCC Part 15, Subpart C			Paragraph:	15.247(c)
Operating Mode:	Transmitting a modulated signal				
Notes:	Frequency Tested: Frequency Hopping 902.726-927.322 MHz		Spurious Limit: 7.32 dBm		

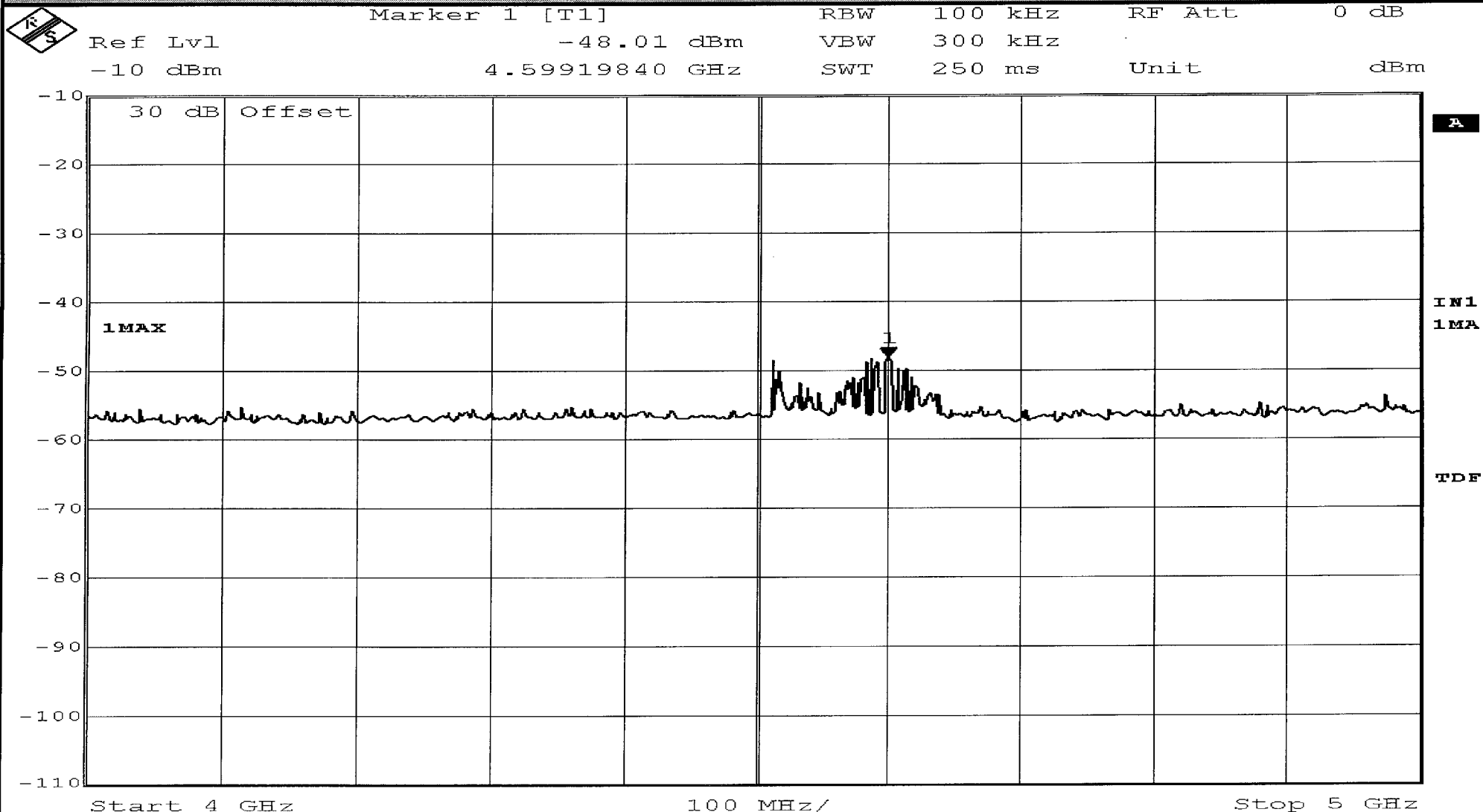


Date: 3.SEP.2002 14:35:45

RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

Test Method:	Spurious RF Conducted Emissions 30 MHz to 9.5 GHz		
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(c)
Operating Mode:	Transmitting a modulated signal		
Notes:	Frequency Tested: Frequency Hopping 902.726-927.322 MHz		
Job No:	R-4117N		
Technician:	T. Firkowski		
Date:	9/3/02		



Date: 3.SEP.2002 14:40:28

RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

Test Method:	Spurious RF Conducted Emissions 30 MHz to 9.5 GHz		
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(c)
Operating Mode:	Transmitting a modulated signal		
Notes:	Frequency Tested: Frequency Hopping 902.726-927.322 MHz		
Job No:	R-4117N		
Technician:	T. Firkowski		
Date:	9/3/02		



Marker 1 [T1]

RBW 100 kHz

RF Att 0 dB

0 dB

Ref Lvl

-49.70 dBm

VBW

300 kHz

-10 dBm

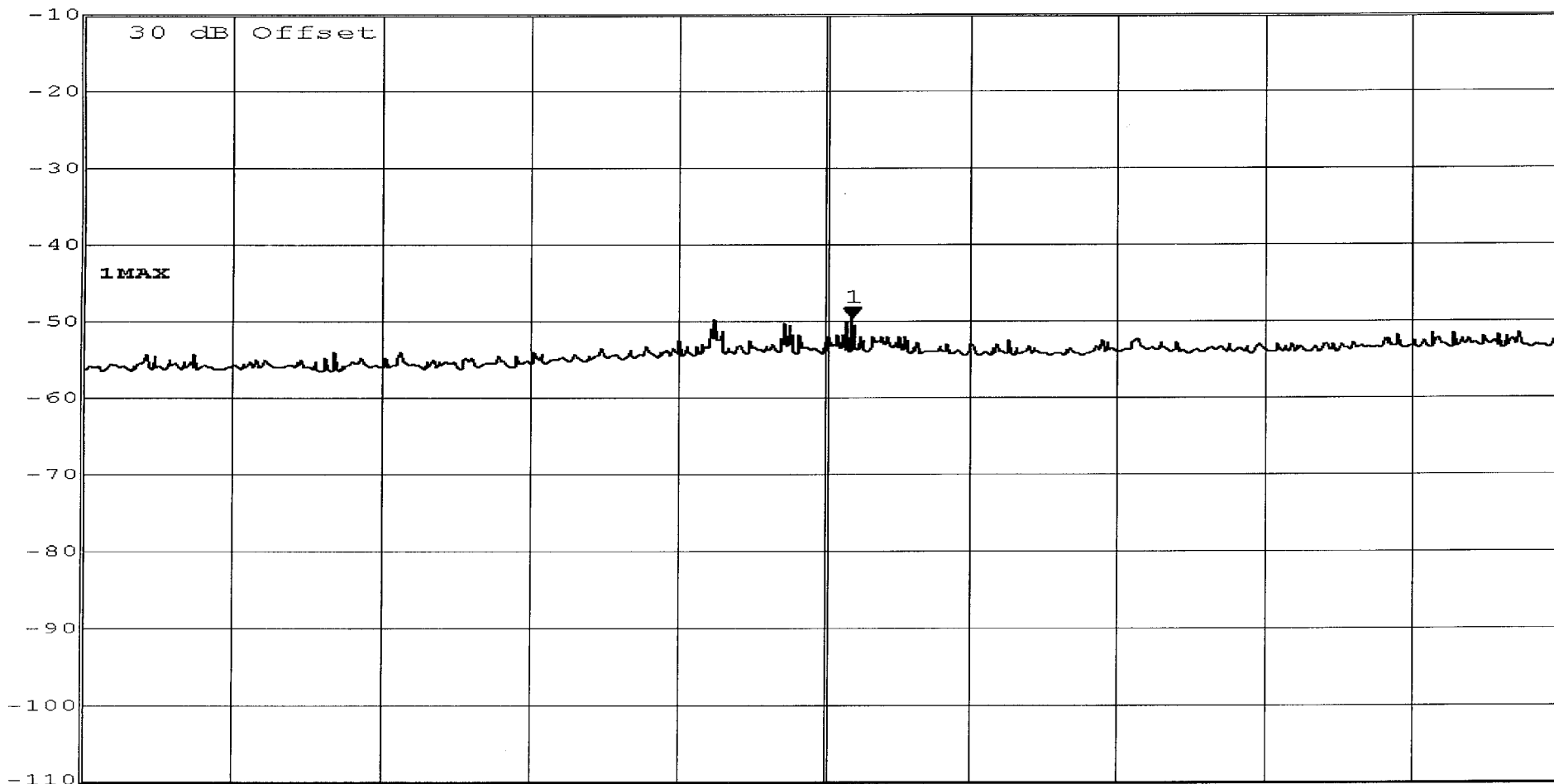
5.51903808 GHz

SWT

250 ms

Unit

dBm



Start 5 GHz

100 MHz/

Stop 6 GHz

Date: 3.SEP.2002 14:44:36

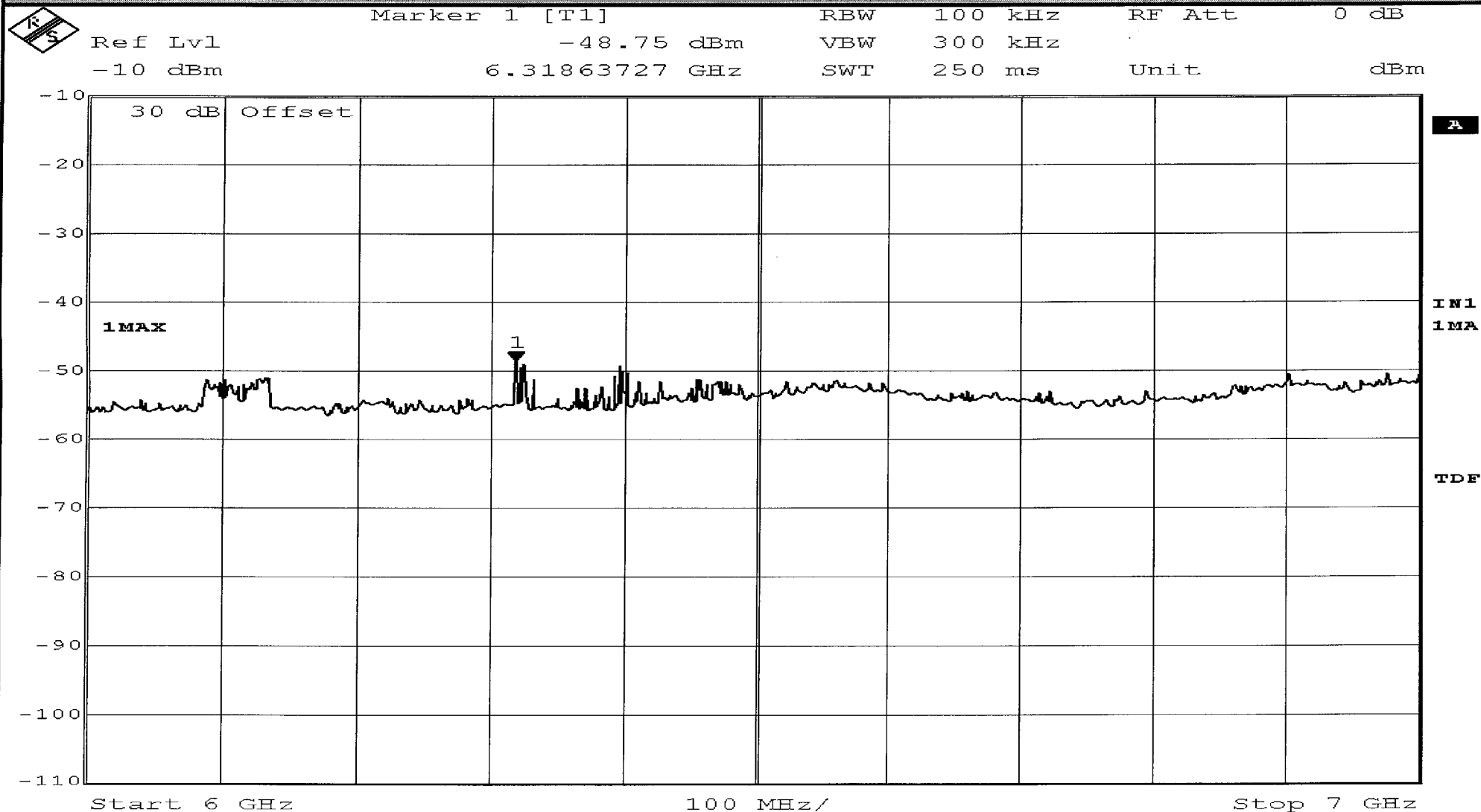
Data Sheet 6 of 10

R-4117N

RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

Test Method:	Spurious RF Conducted Emissions 30 MHz to 9.5 GHz		
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(c)
Operating Mode:	Transmitting a modulated signal		
Notes:	Frequency Tested: Frequency Hopping 902.726-927.322 MHz		
Job No:	R-4117N		
Technician:	T. Firkowski		
Date:	9/3/02		

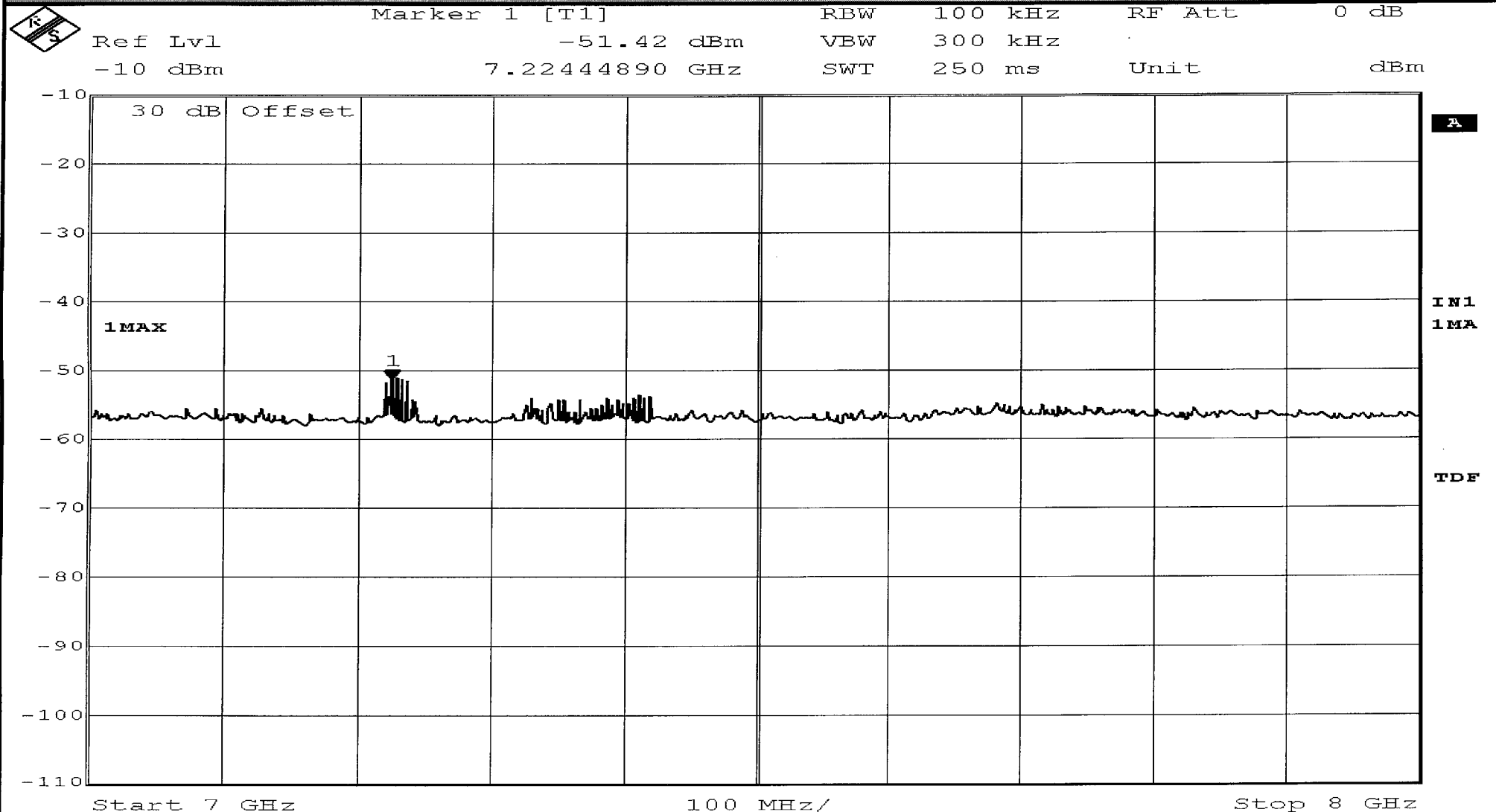


Date: 3.SEP.2002 14:47:31

RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

Test Method:	Spurious RF Conducted Emissions 30 MHz to 9.5 GHz		
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(c)
Operating Mode:	Transmitting a modulated signal		
Notes:	Frequency Tested: Frequency Hopping 902.726-927.322 MHz		
Job No:	R-4117N		
Technician:	T. Firkowski		
Date:	9/3/02		



Date: 3.SEP.2002 14:53:47

RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

Test Method:	Spurious RF Conducted Emissions 30 MHz to 9.5 GHz		
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(c)
Operating Mode:	Transmitting a modulated signal		
Notes:	Frequency Tested: Frequency Hopping 902.726-927.322 MHz	Spurious Limit:	7.32 dBm
Job No:	R-4117N	Technician:	T. Firkowski
Date:	9/3/02		



Marker 1 [T1]

RBW 100 kHz

RF Att 0 dB

Ref Lvl

-40.04 dBm

VBW 300 kHz

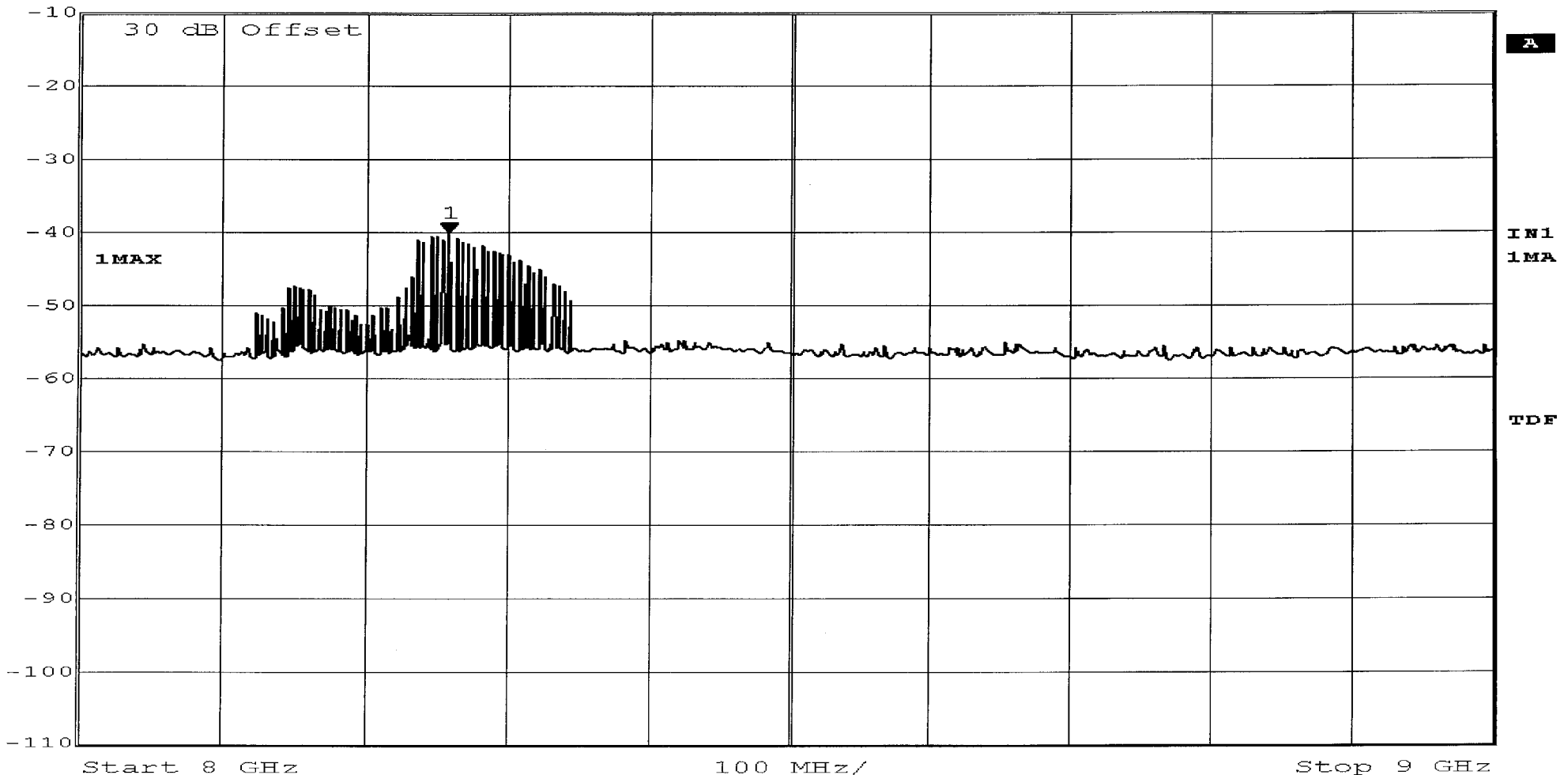
-10 dBm

8.25851703 GHz

SWT 250 ms

Unit

dBm

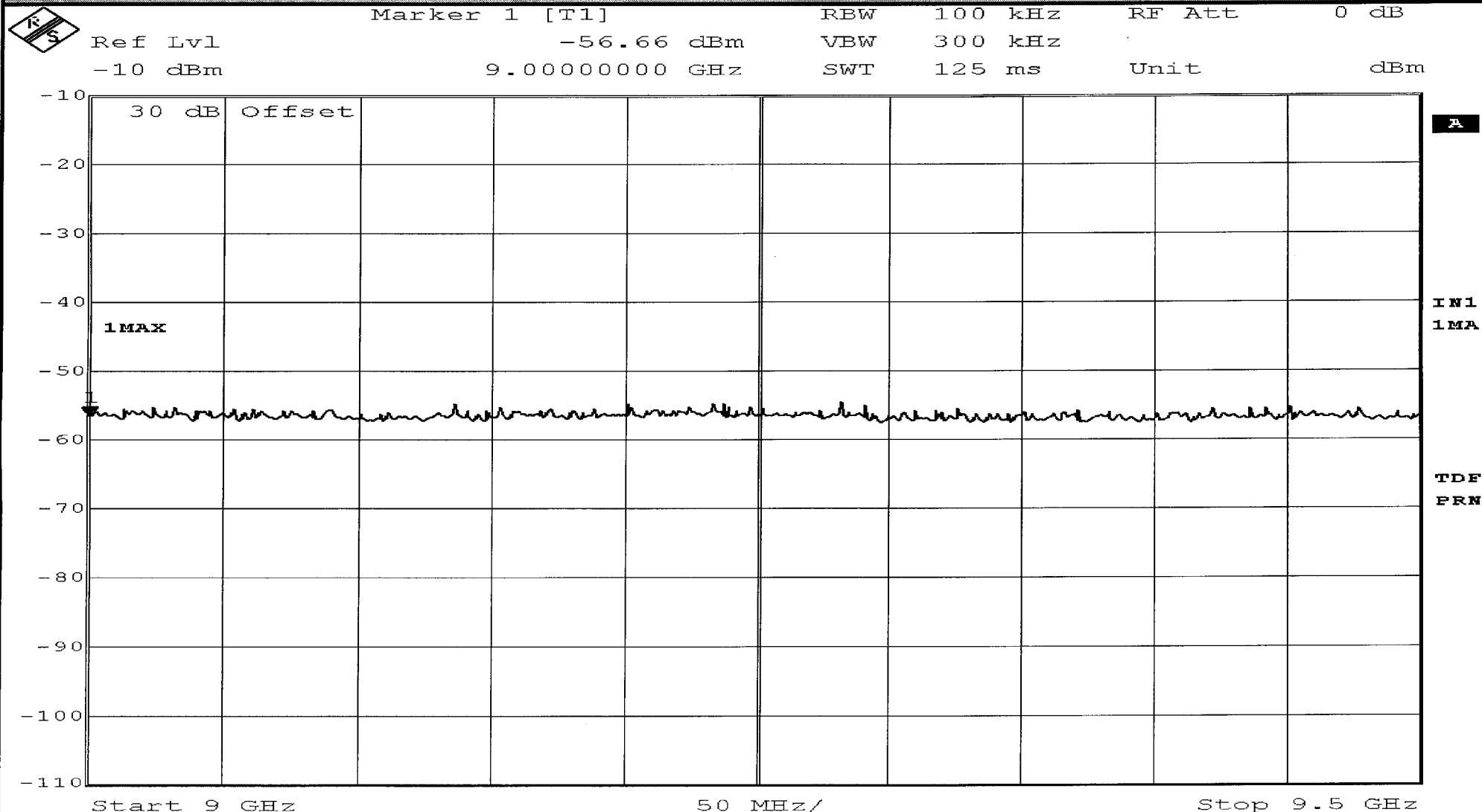


Date: 3.SEP.2002 15:00:53

RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

Test Method:	Spurious RF Conducted Emissions 30 MHz to 9.5 GHz		
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(c)
Operating Mode:	Transmitting a modulated signal		
Notes:	Frequency Tested: Frequency Hopping 902.726-927.322 MHz Spurious Limit: 7.32 dBm		
Job No:	R-4117N		
Technician:	T. Firkowski		
Date:	9/3/02		

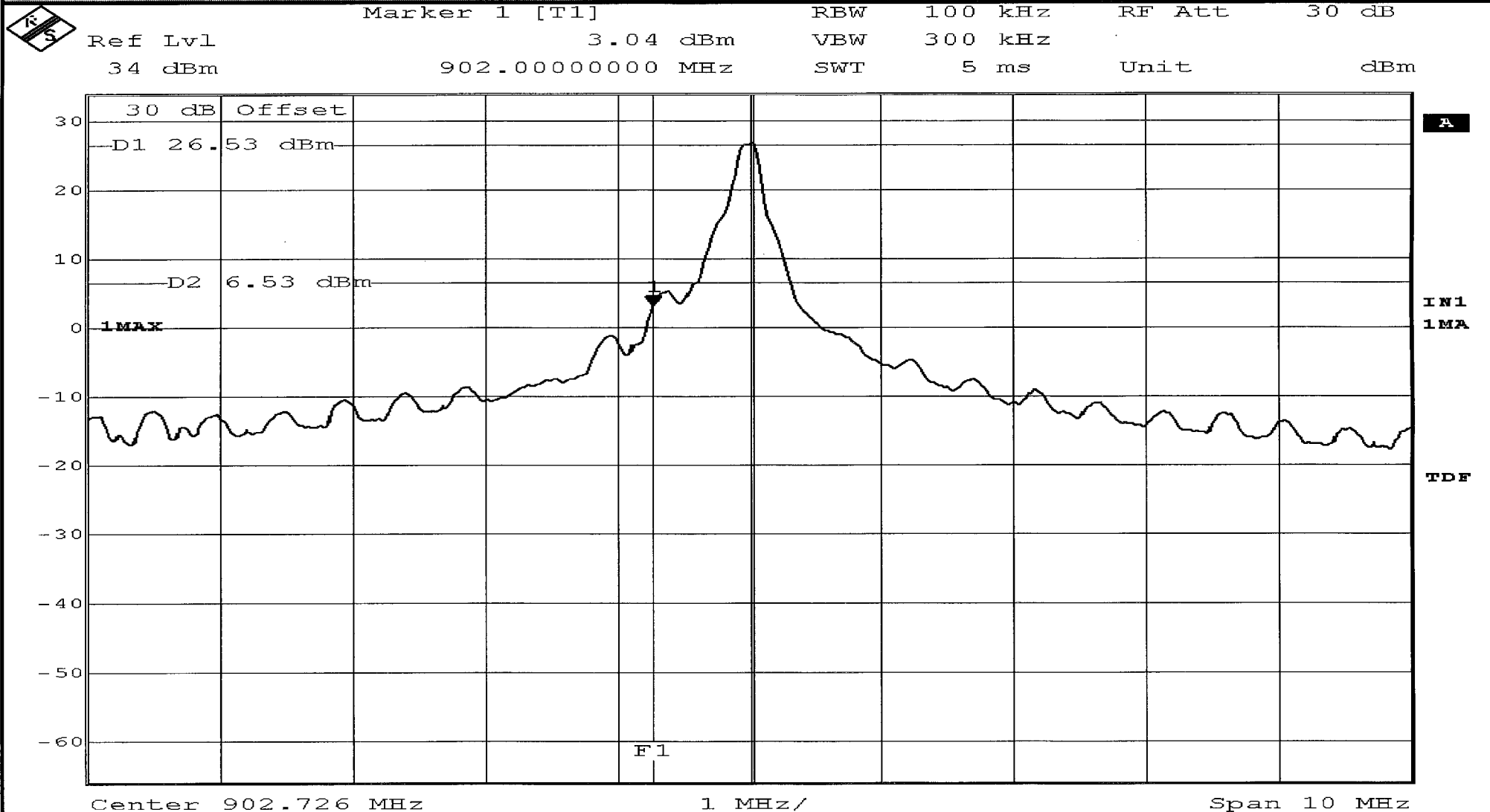


Date: 3.SEP.2002 15:05:47

RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

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

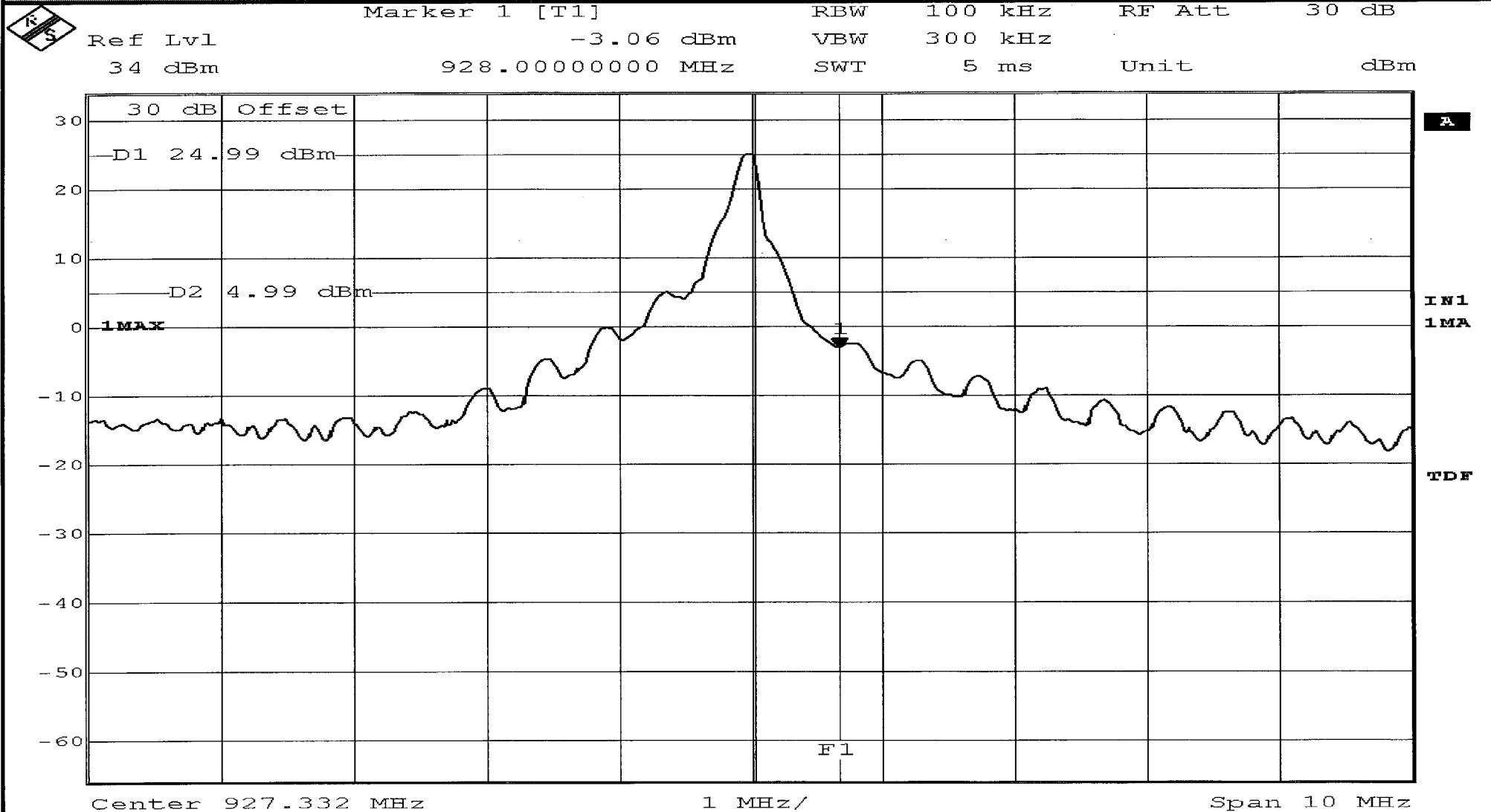


Date: 3.SEP.2002 09:11:53

RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

Test Method:	Band-edge Compliance of RF Conducted Emissions		
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(c)
Operating Mode:	Transmitting a modulated signal		
Notes:	Frequency Tested: 927.322 MHz		
Job No:	R-4117N		
Technician:	T. Firkowski		
Date:	9/3/02		

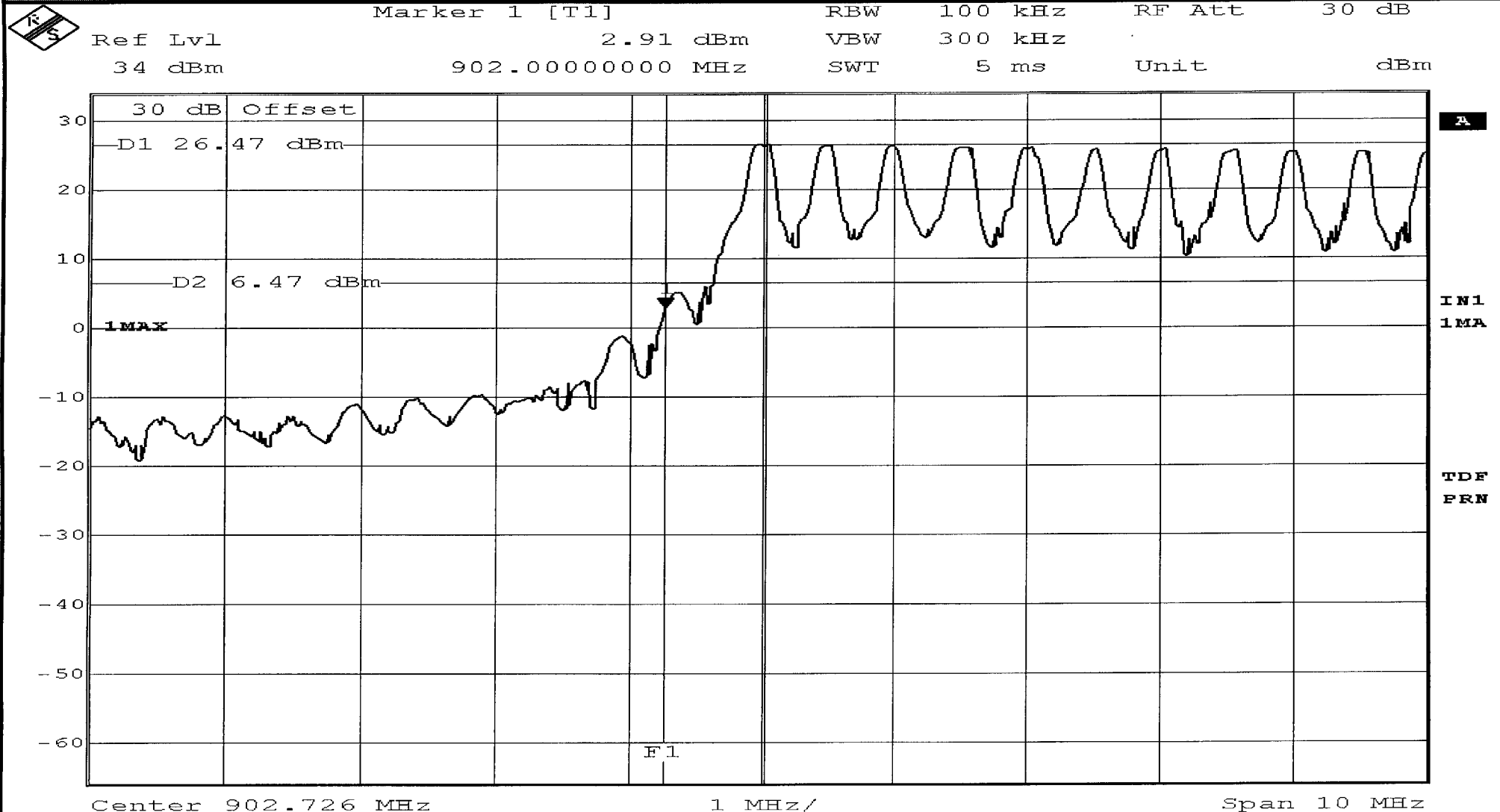


Date: 3.SEP.2002 09:18:03

RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

Test Method:	Band-edge Compliance of RF Conducted Emissions		
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(c)
Operating Mode:	Transmitting a modulated signal		
Notes:	Frequency Tested: Frequency Hopping 902.726-927.322 MHz		
Job No:	R-4117N		
Technician:	T. Firkowski		
Date:	9/3/02		



Date: 3.SEP.2002 09:24:47

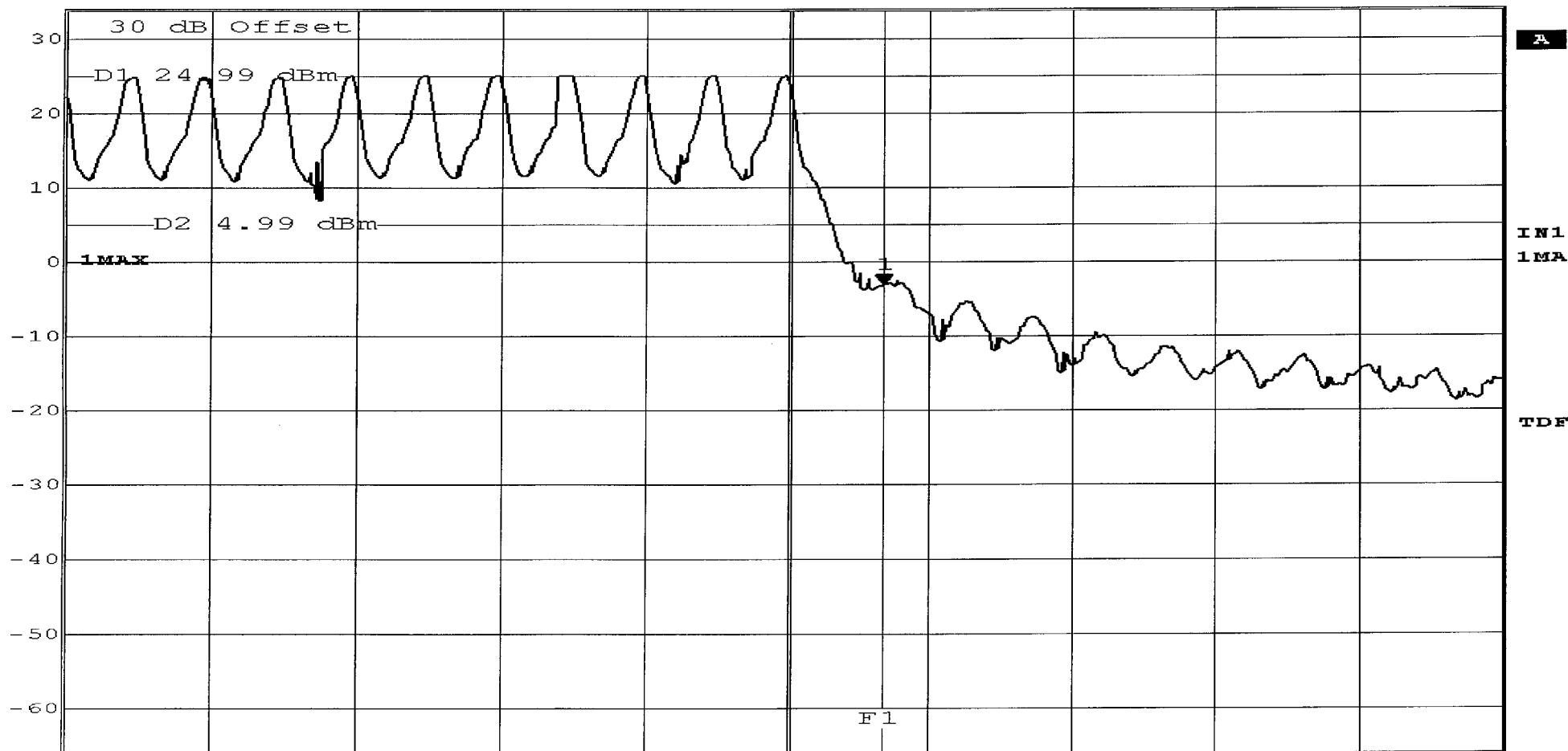
RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

Test Method:	Band-edge Compliance of RF Conducted Emissions		
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(c)
Operating Mode:	Transmitting a modulated signal		
Notes:	Frequency Tested: Frequency Hopping 902.726-927.322 MHz		
Job No:	R-4117N		
Technician:	T. Firkowski		
Date:	9/3/02		



Marker 1 [T1] RBW 100 kHz RF Att 30 dB
 Ref Lvl -3.12 dBm VBW 300 kHz
 34 dBm 928.00000000 MHz SWT 5 ms Unit dBm



Center 927.332 MHz 1 MHz/ Span 10 MHz

Date: 3.SEP.2002 09:21:59