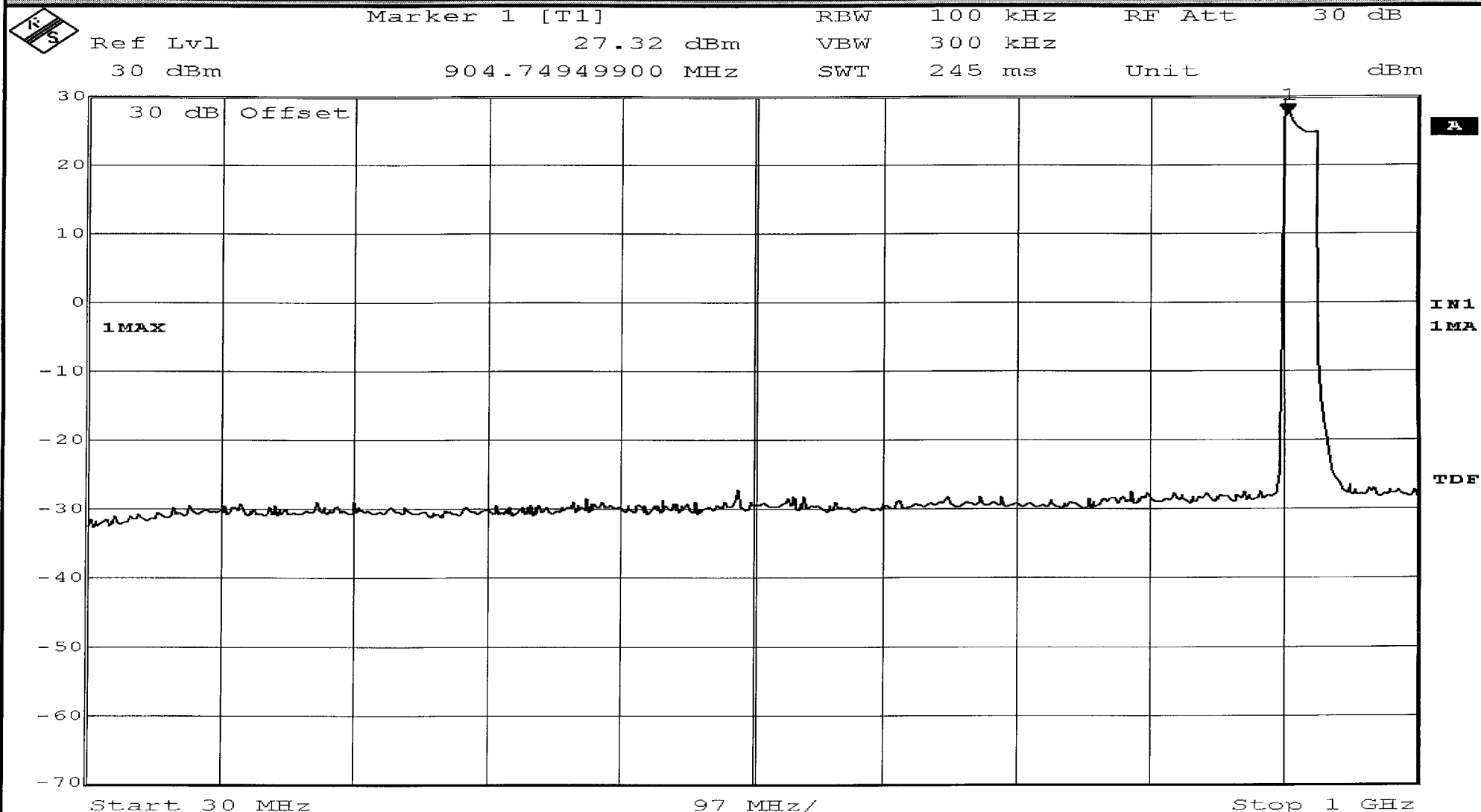


# RETLIF TESTING LABORATORIES

## EMISSIONS DATA SHEET

|                     |                                                         |              |                  |
|---------------------|---------------------------------------------------------|--------------|------------------|
| Test Method:        | Spurious RF Conducted Emissions 30 MHz to 9.5 GHz       |              |                  |
| 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(c)        |
| Operating Mode:     | Transmitting a modulated signal                         |              |                  |
| Notes:              | Frequency Tested: Frequency Hopping 902.726-927.322 MHz |              |                  |
| Job No:             | R-4009N                                                 |              |                  |
| Technician:         | T. Firkowski                                            |              |                  |
| Date:               | 9/3/02                                                  |              |                  |

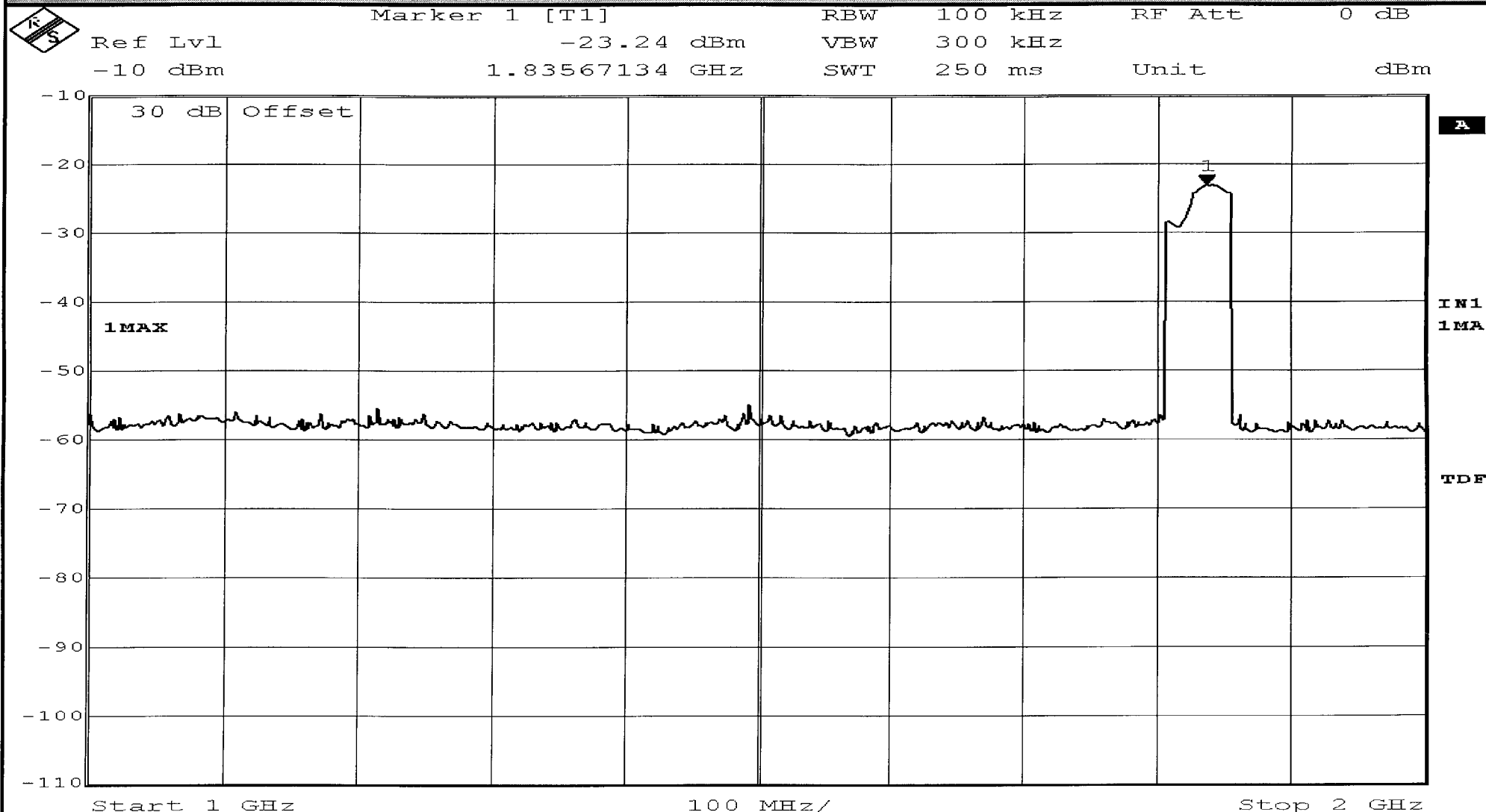


Date: 3.SEP.2002 14:15:00

# RETLIF TESTING LABORATORIES

## EMISSIONS DATA SHEET

|                     |                                                         |              |                  |
|---------------------|---------------------------------------------------------|--------------|------------------|
| Test Method:        | Spurious RF Conducted Emissions 30 MHz to 9.5 GHz       |              |                  |
| Customer:           | Markem Corporation                                      | Test Sample: | RF ID Tag Reader |
| Model No:           | 6100                                                    | 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-4009N                                                 |              |                  |
| 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:           | Markem Corporation                                      | Test Sample: | RF ID Tag Reader |
| Model No:           | 6100                                                    | 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 |              |                  |



Marker 1 [T1]

RBW 100 kHz RF Att 0 dB

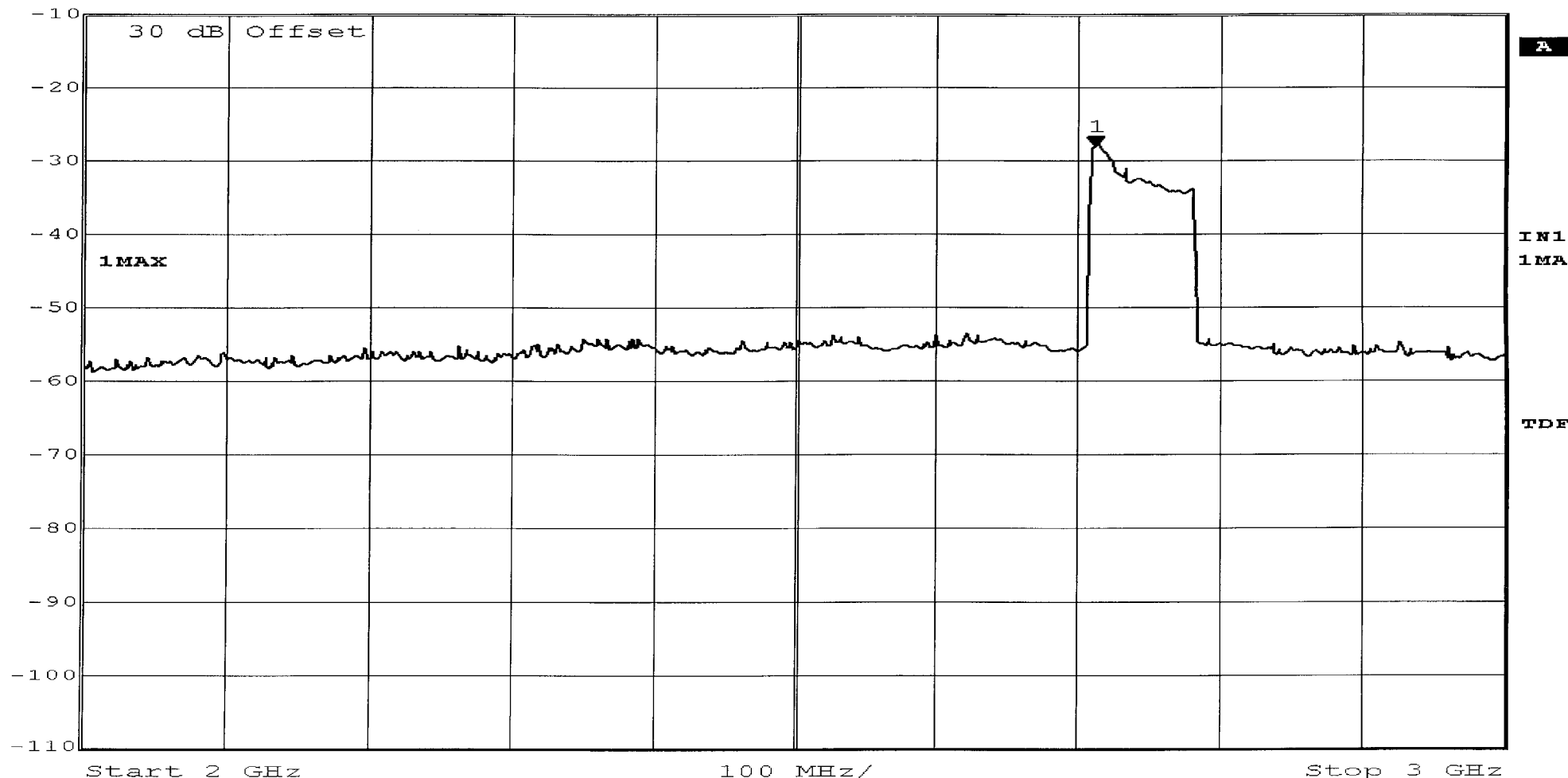
Ref Lvl -28.09 dBm

VBW 300 kHz

-10 dBm 2.71142285 GHz

SWT 250 ms

Unit dBm

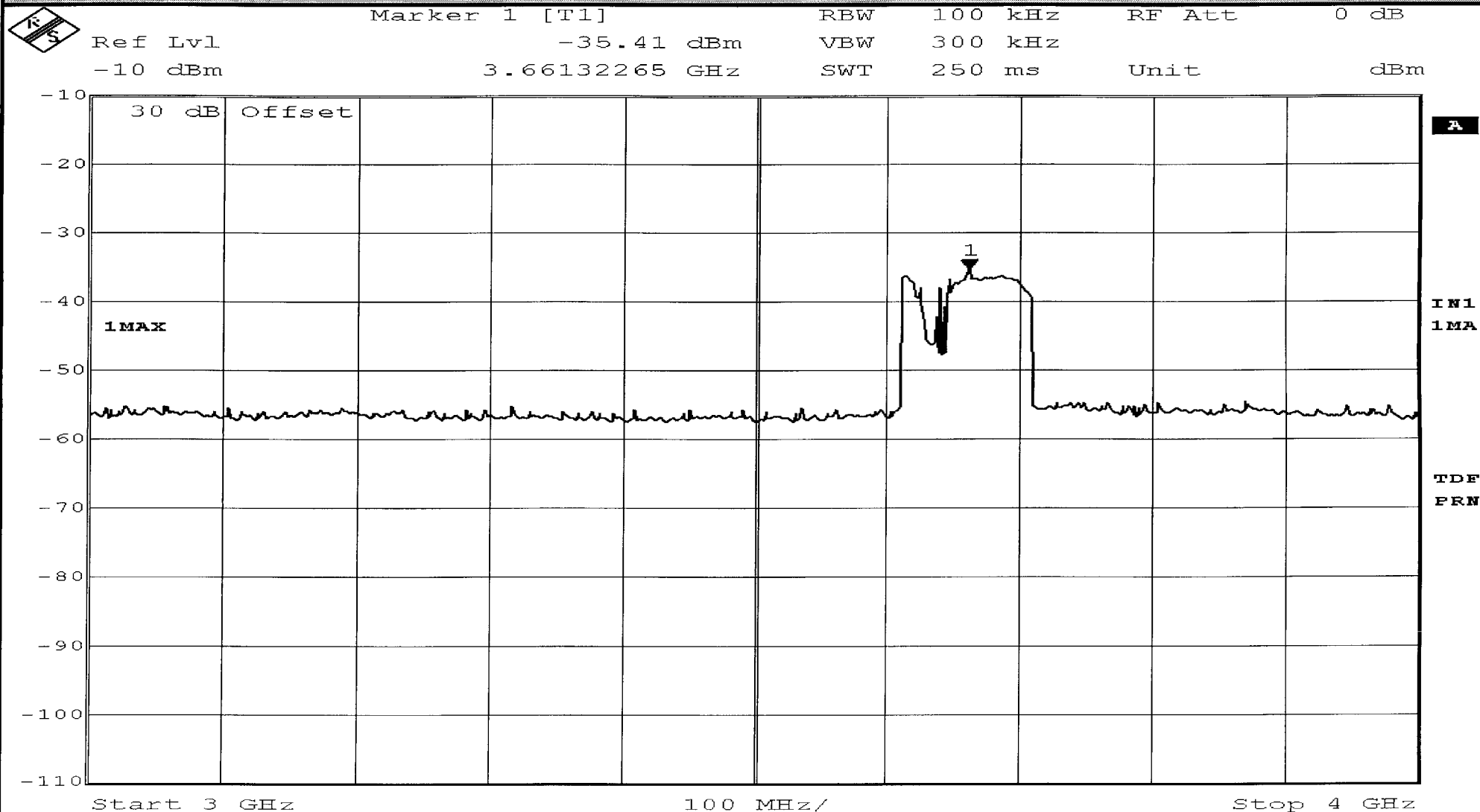


Date: 3.SEP.2002 14:24:20

# RETLIF TESTING LABORATORIES

## EMISSIONS DATA SHEET

|                     |                                                         |              |                  |
|---------------------|---------------------------------------------------------|--------------|------------------|
| Test Method:        | Spurious RF Conducted Emissions 30 MHz to 9.5 GHz       |              |                  |
| 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(c)        |
| Operating Mode:     | Transmitting a modulated signal                         |              |                  |
| Notes:              | Frequency Tested: Frequency Hopping 902.726-927.322 MHz |              |                  |

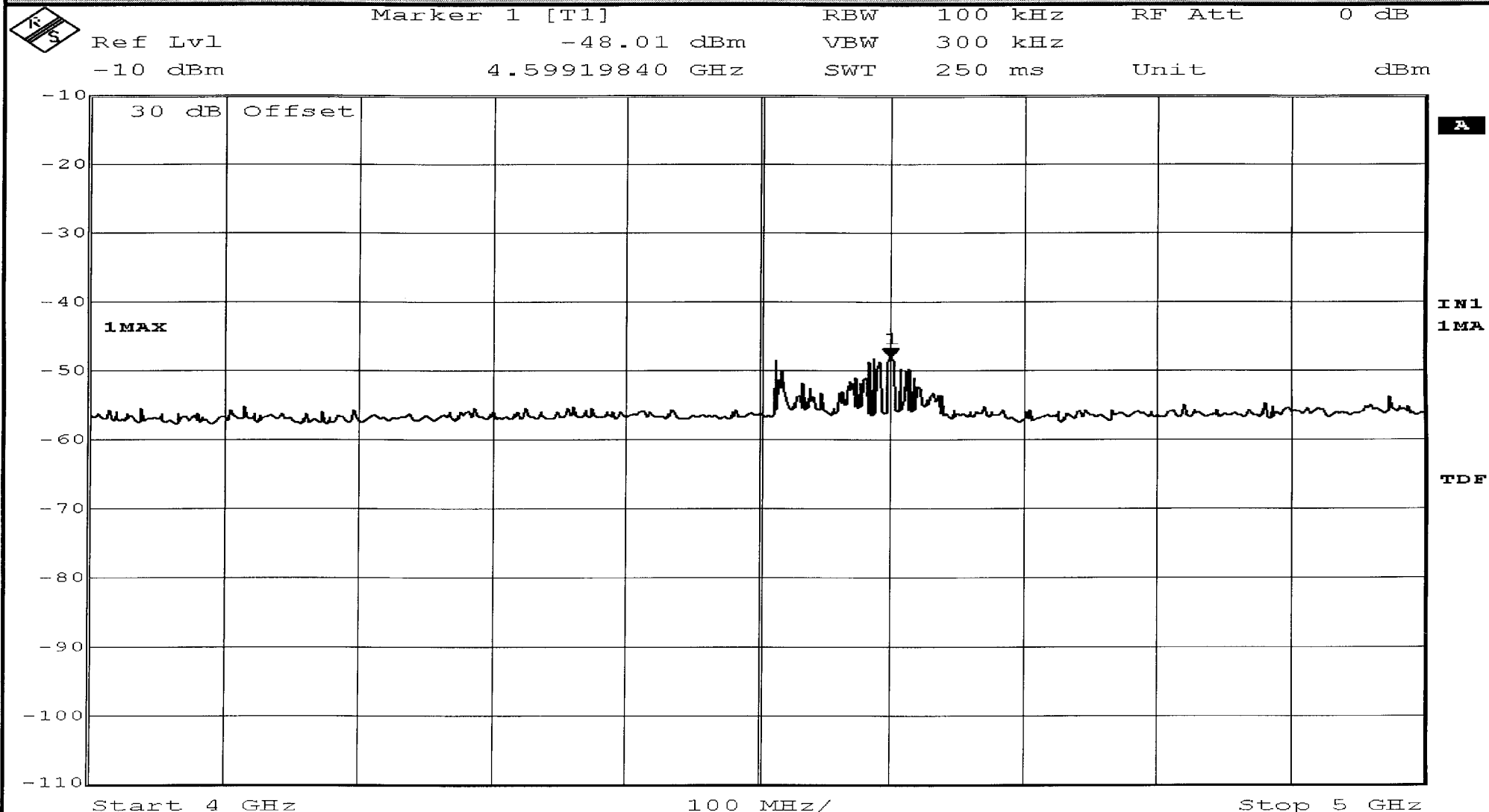


Date: 3.SEP.2002 14:35:45

# RETLIF TESTING LABORATORIES

## EMISSIONS DATA SHEET

|                     |                                                         |              |                  |
|---------------------|---------------------------------------------------------|--------------|------------------|
| Test Method:        | Spurious RF Conducted Emissions 30 MHz to 9.5 GHz       |              |                  |
| Customer:           | Markem Corporation                                      | Test Sample: | RF ID Tag Reader |
| Model No:           | 6100                                                    | 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 |              |                  |



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

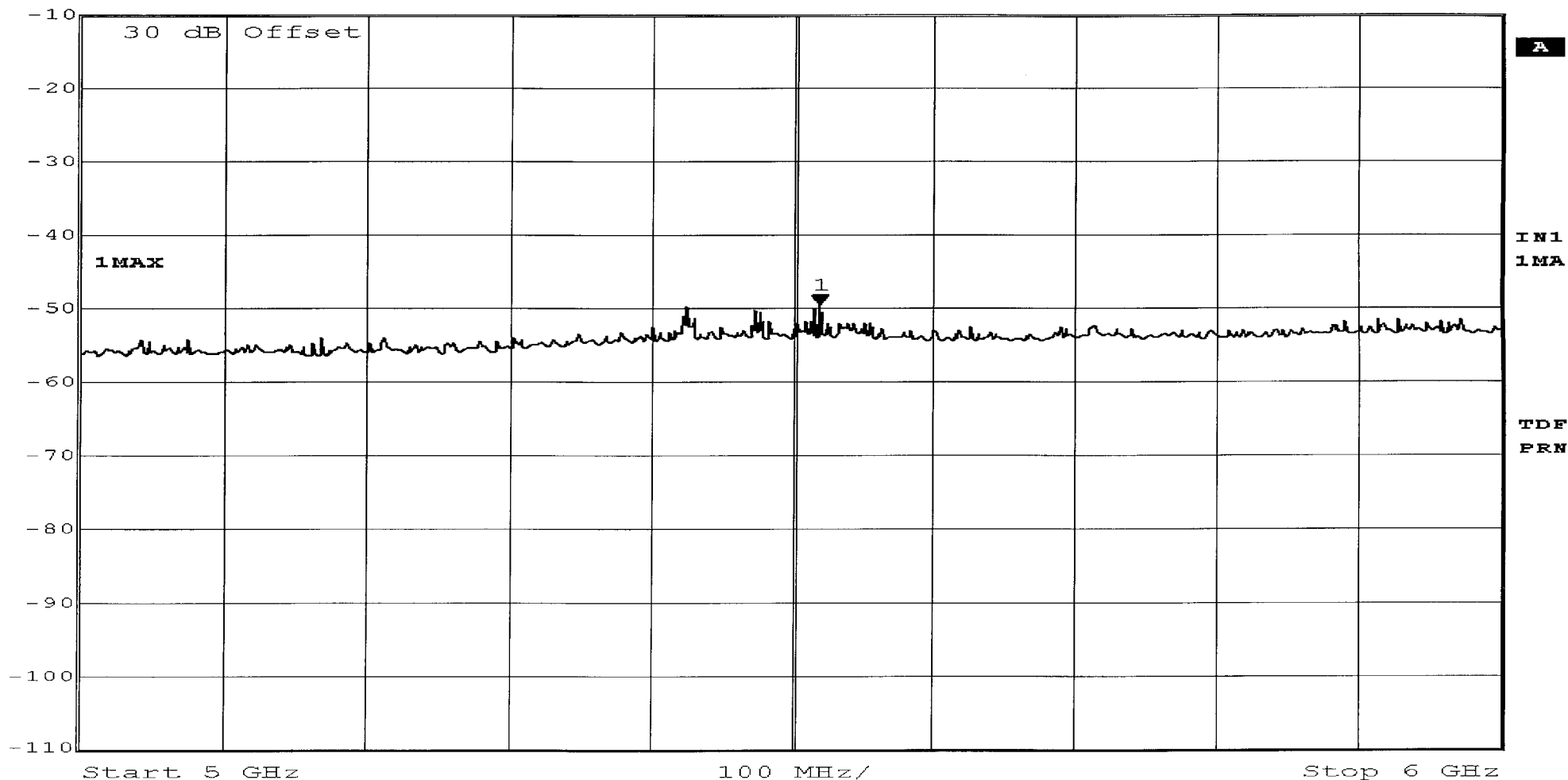
# RETLIF TESTING LABORATORIES

## EMISSIONS DATA SHEET

|                     |                                                         |              |                  |
|---------------------|---------------------------------------------------------|--------------|------------------|
| Test Method:        | Spurious RF Conducted Emissions 30 MHz to 9.5 GHz       |              |                  |
| Customer:           | Markem Corporation                                      | Test Sample: | RF ID Tag Reader |
| Model No:           | 6100                                                    | 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-4009N                                                 |              |                  |
| Technician:         | T. Firkowski                                            |              |                  |
| Date:               | 9/3/02                                                  |              |                  |



Marker 1 [T1]      RBW 100 kHz      RF Att 0 dB  
 Ref Lvl -49.70 dBm      VBW 300 kHz  
 -10 dBm      5.51903808 GHz      SWT 250 ms      Unit dBm

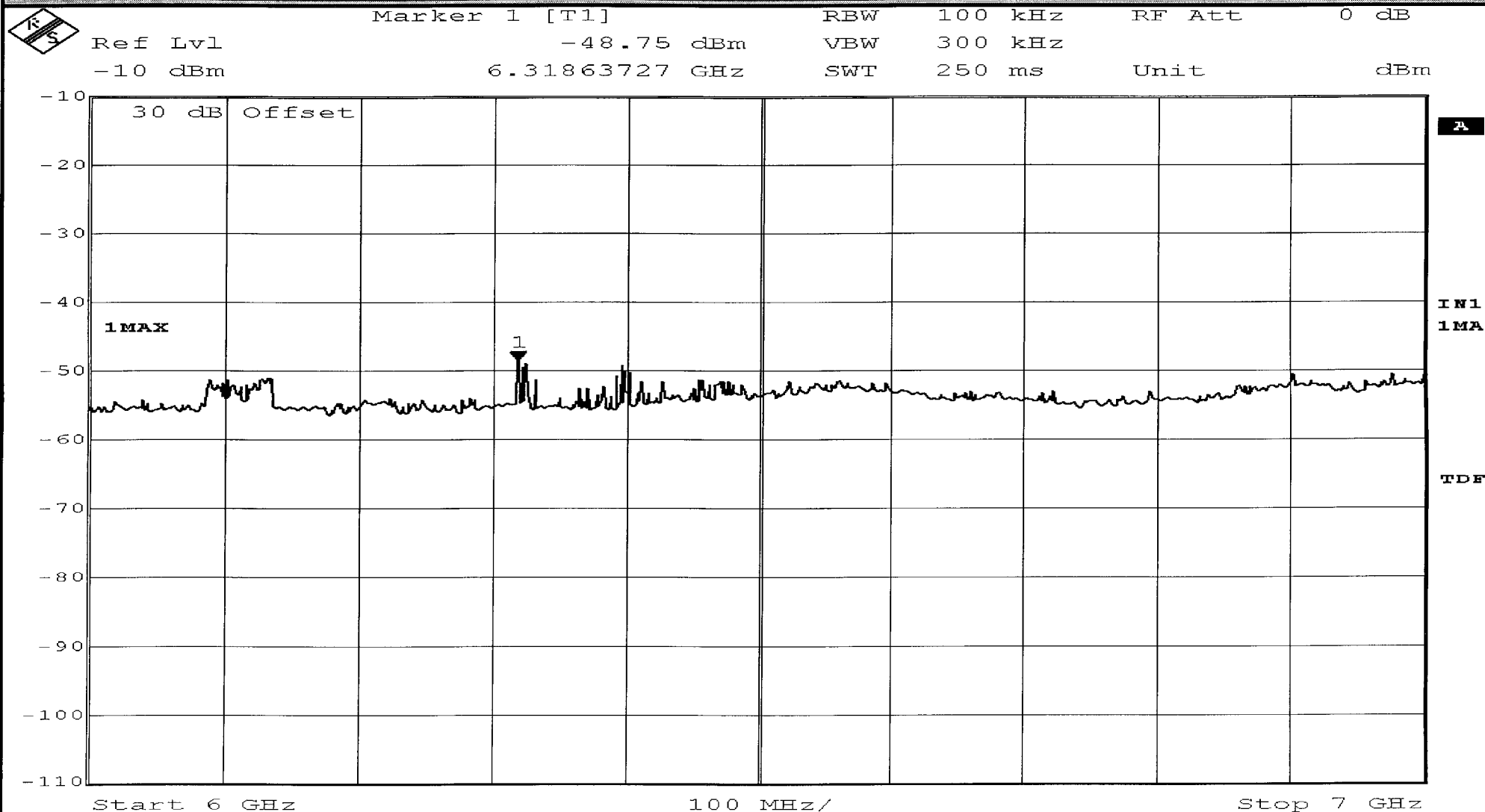


Date: 3.SEP.2002 14:44:36

# RETLIF TESTING LABORATORIES

## EMISSIONS DATA SHEET

|                     |                                                         |              |                  |
|---------------------|---------------------------------------------------------|--------------|------------------|
| Test Method:        | Spurious RF Conducted Emissions 30 MHz to 9.5 GHz       |              |                  |
| 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(c)        |
| Operating Mode:     | Transmitting a modulated signal                         |              |                  |
| Notes:              | Frequency Tested: Frequency Hopping 902.726-927.322 MHz |              |                  |
| Job No:             | R-4009N                                                 |              | 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:           | Markem Corporation                                      | Test Sample: | RF ID Tag Reader |
| Model No:           | 6100                                                    | 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-4009N                                                 |              | Technician:      |
|                     |                                                         | T. Firkowski |                  |
|                     |                                                         | Date:        | 9/3/02           |



Marker 1 [T1]

RBW 100 kHz RF Att 0 dB

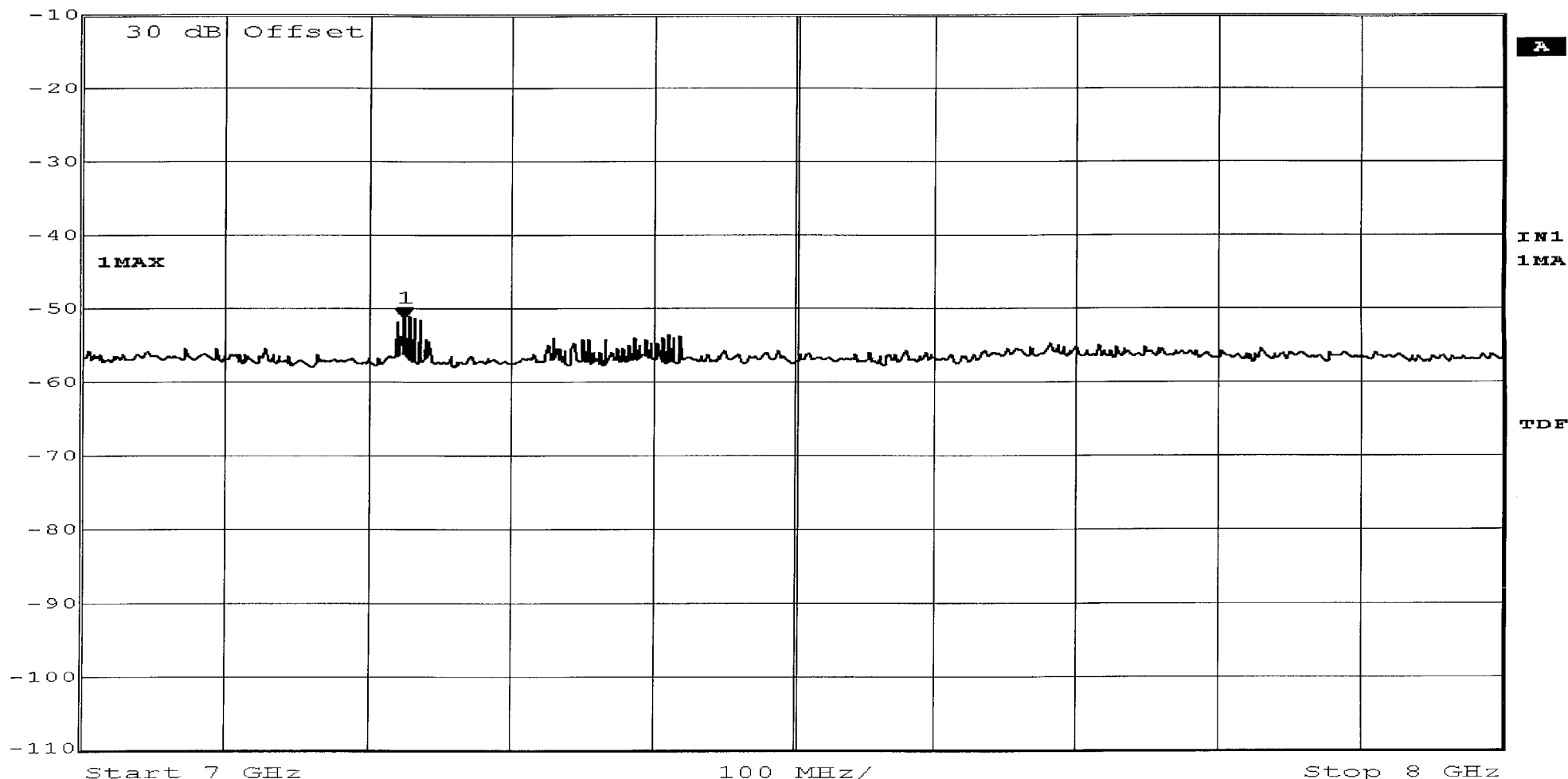
Ref Lvl -51.42 dBm

VBW 300 kHz

-10 dBm 7.22444890 GHz

SWT 250 ms

Unit dBm

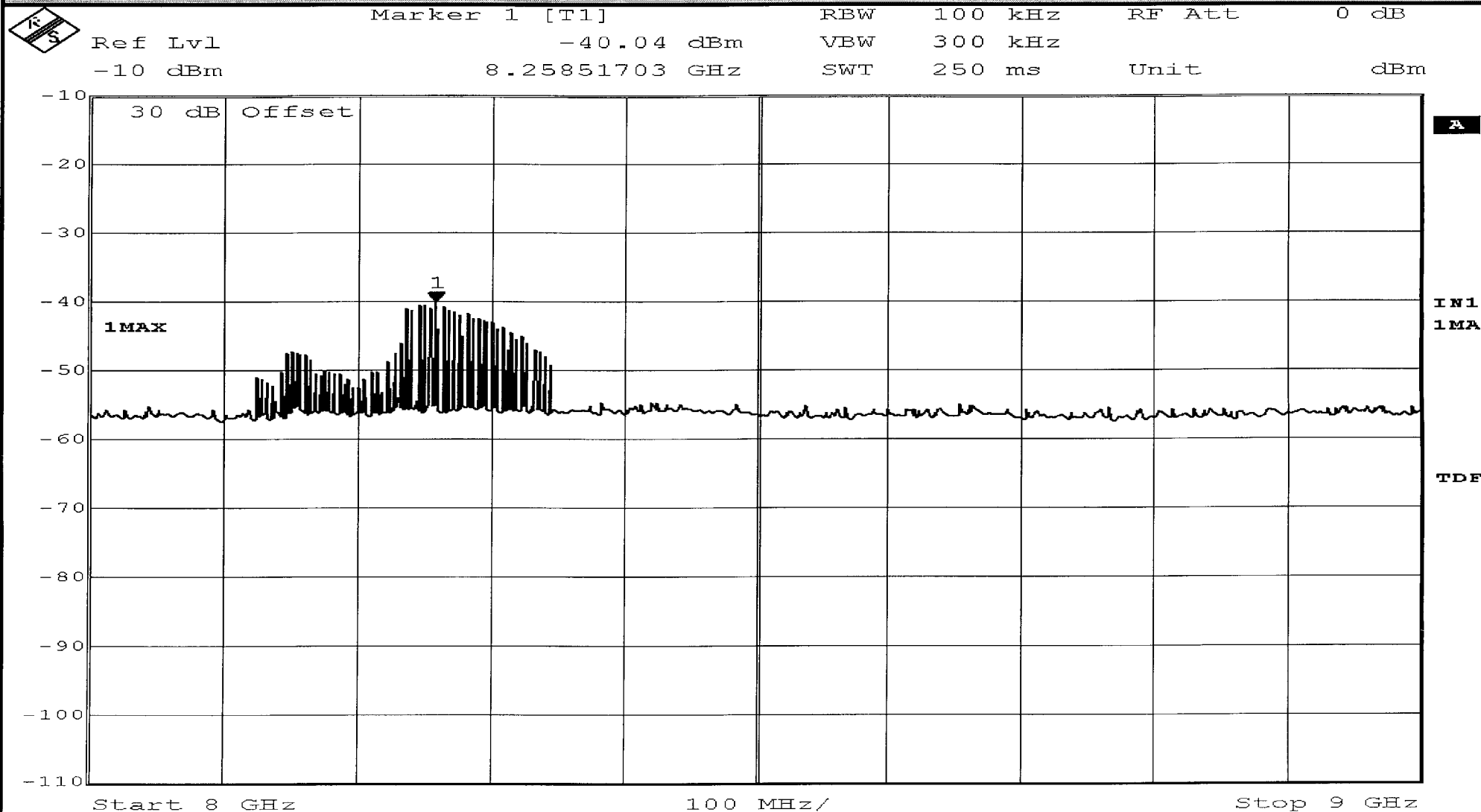


Date: 3.SEP.2002 14:53:47

# RETLIF TESTING LABORATORIES

## EMISSIONS DATA SHEET

|                     |                                                         |              |                  |
|---------------------|---------------------------------------------------------|--------------|------------------|
| Test Method:        | Spurious RF Conducted Emissions 30 MHz to 9.5 GHz       |              |                  |
| Customer:           | Markem Corporation                                      | Test Sample: | RF ID Tag Reader |
| Job No:             | R-4009N                                                 |              |                  |
| Model No:           | 6100                                                    | Serial No:   | ENG2             |
| Technician:         | T. Firkowski                                            |              |                  |
| Test Specification: | FCC Part 15, Subpart C                                  | Paragraph:   | 15.247(c)        |
| Date:               | 9/3/02                                                  |              |                  |
| Operating Mode:     | Transmitting a modulated signal                         |              |                  |
| Notes:              | Frequency Tested: Frequency Hopping 902.726-927.322 MHz |              |                  |

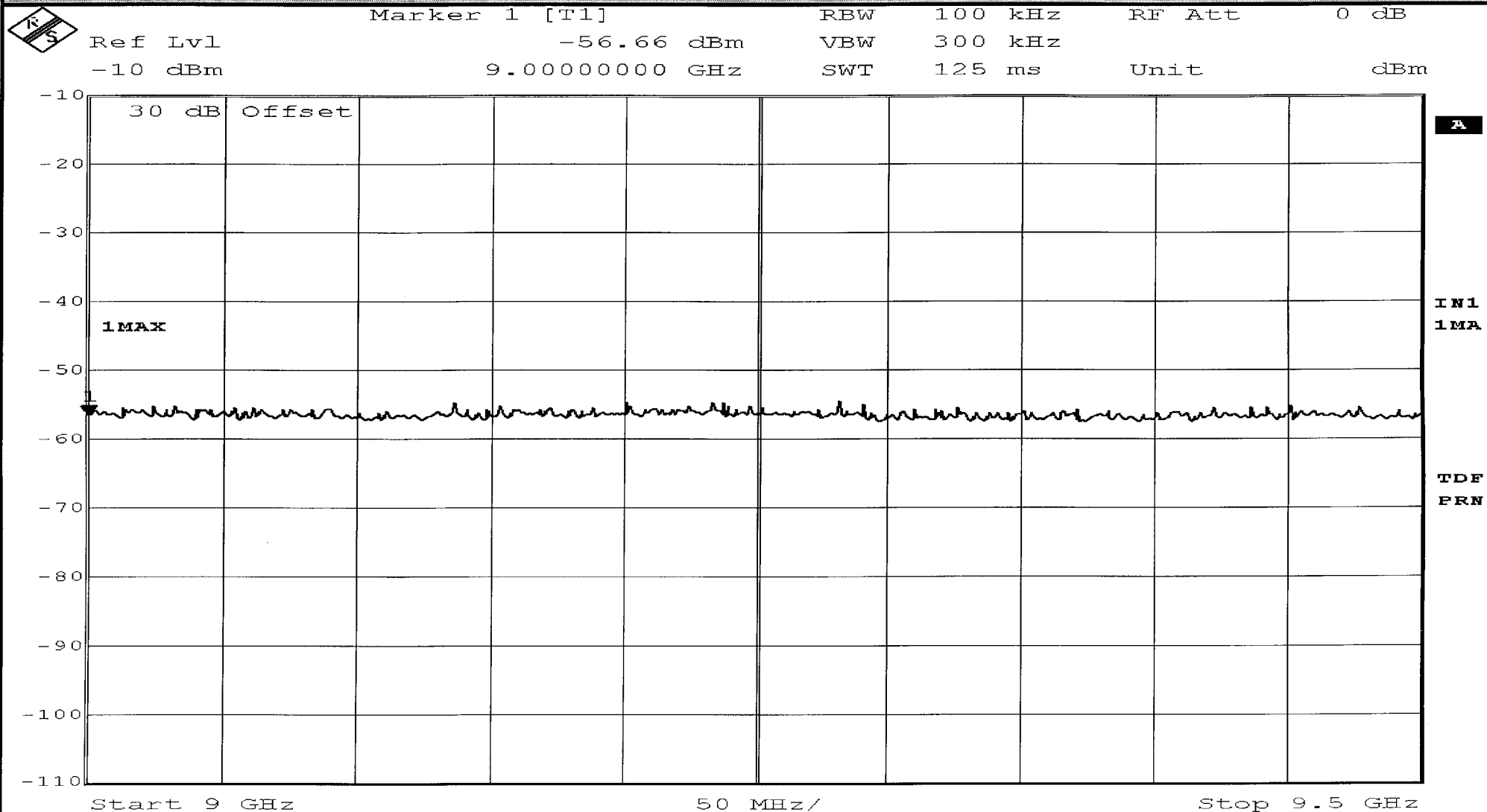


Date: 3.SEP.2002 15:00:53

# RETLIF TESTING LABORATORIES

## EMISSIONS DATA SHEET

|                     |                                                         |              |                  |
|---------------------|---------------------------------------------------------|--------------|------------------|
| Test Method:        | Spurious RF Conducted Emissions 30 MHz to 9.5 GHz       |              |                  |
| Customer:           | Markem Corporation                                      | Test Sample: | RF ID Tag Reader |
| Model No:           | 6100                                                    | 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-4009N                                                 |              |                  |
| Technician:         | T. Firkowski                                            |              |                  |
| Date:               | 9/3/02                                                  |              |                  |

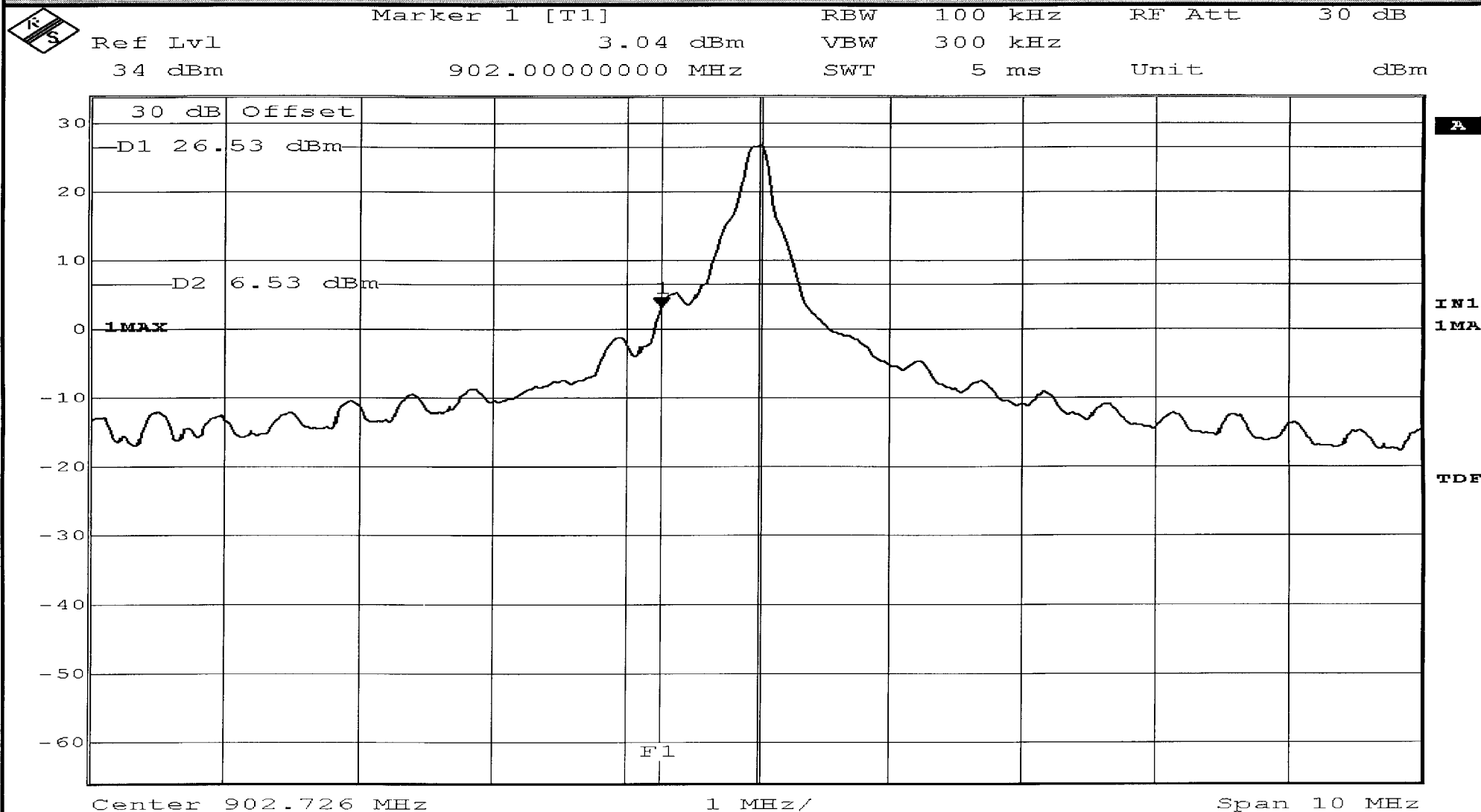


Date: 3.SEP.2002 15:05:47

# RETLIF TESTING LABORATORIES

## EMISSIONS DATA SHEET

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

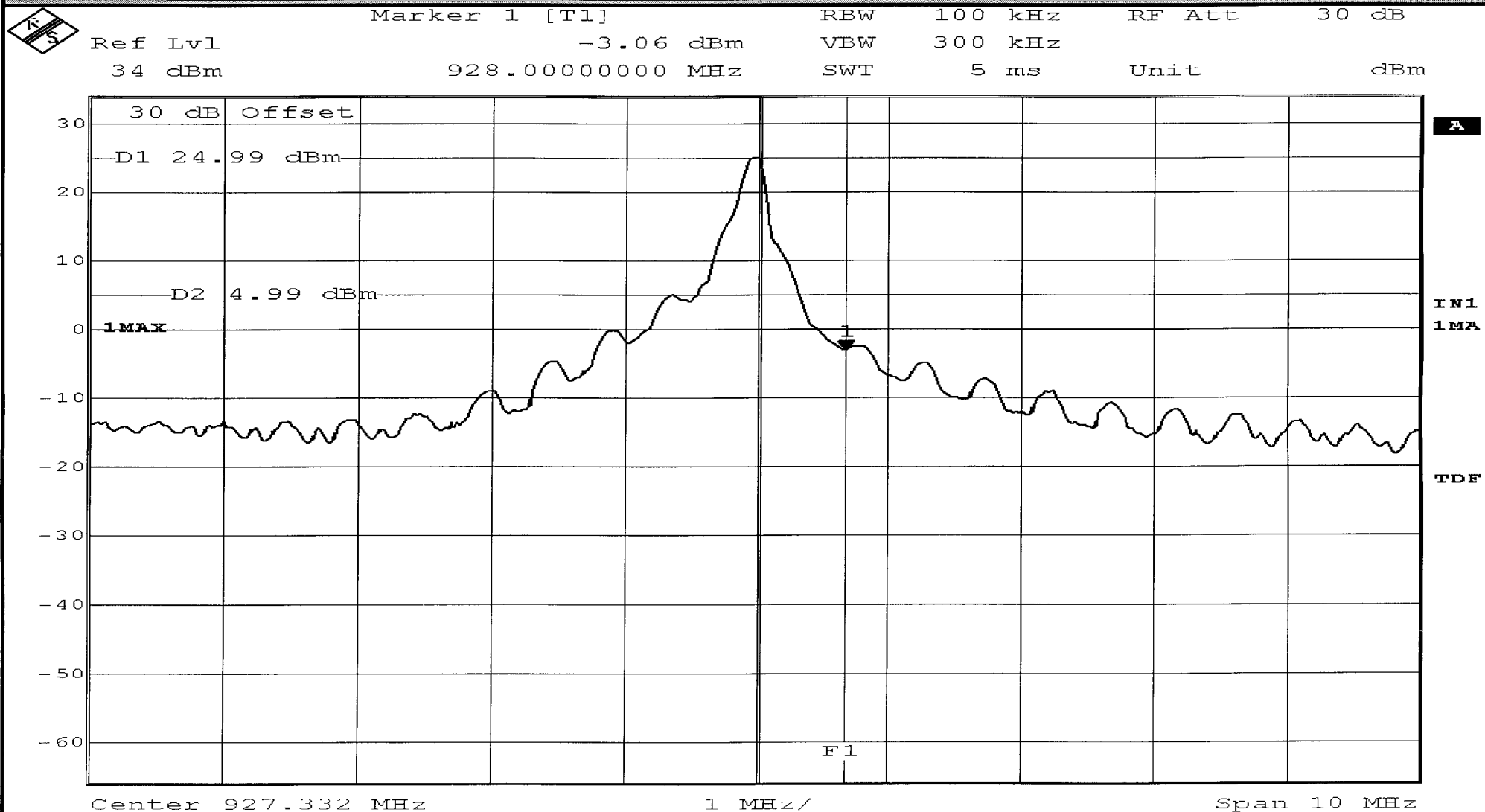


Date: 3.SEP.2002 09:11:53

# RETLIF TESTING LABORATORIES

## EMISSIONS DATA SHEET

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

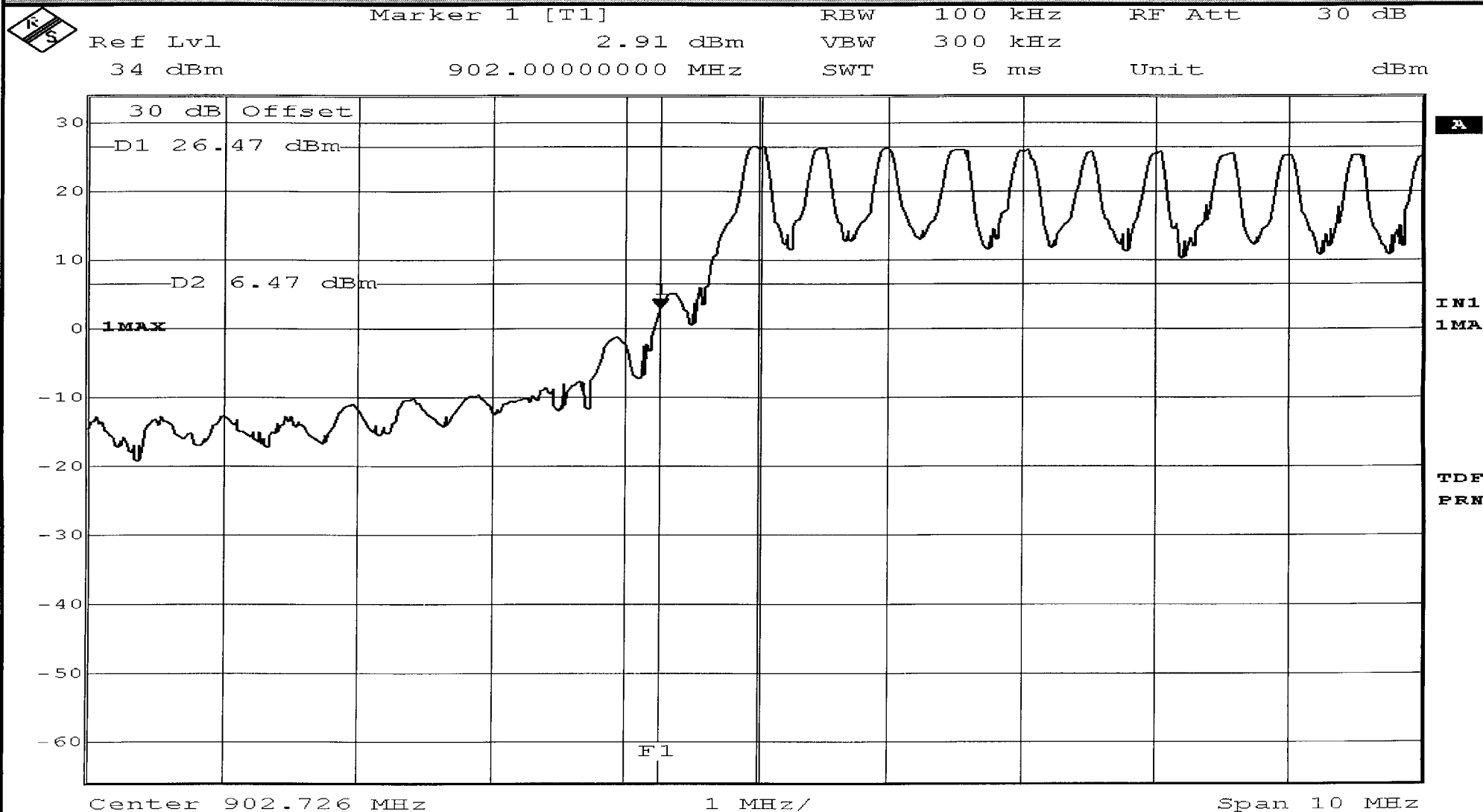


Date: 3.SEP.2002 09:18:03

# RETLIF TESTING LABORATORIES

## EMISSIONS DATA SHEET

|                     |                                                         |              |                  |
|---------------------|---------------------------------------------------------|--------------|------------------|
| Test Method:        | Band-edge Compliance of RF Conducted Emissions          |              |                  |
| 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(c)        |
| Operating Mode:     | Transmitting a modulated signal                         |              |                  |
| Notes:              | Frequency Tested: Frequency Hopping 902.726-927.322 MHz |              |                  |
| Job No:             | R-4009N                                                 |              |                  |
| Technician:         | T. Firkowski                                            |              |                  |
| Date:               | 9/3/02                                                  |              |                  |

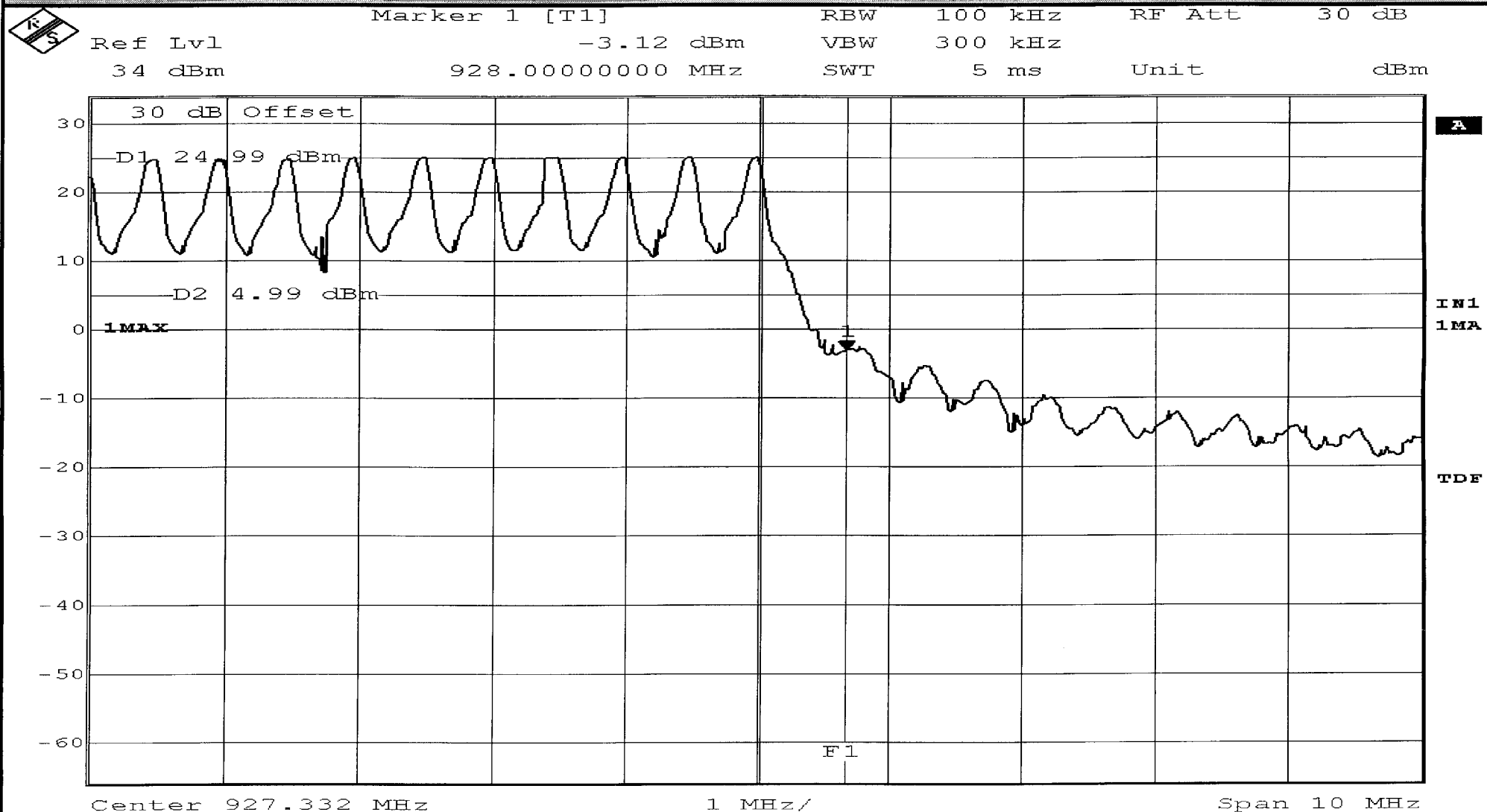


Date: 3.SEP.2002 09:24:47

# RETLIF TESTING LABORATORIES

## EMISSIONS DATA SHEET

|                     |                                                         |              |                  |
|---------------------|---------------------------------------------------------|--------------|------------------|
| Test Method:        | Band-edge Compliance of RF Conducted Emissions          |              |                  |
| Customer:           | Markem Corporation                                      | Test Sample: | RF ID Tag Reader |
| Model No:           | 6100                                                    | 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-4009N                                                 |              |                  |
| Technician:         | T. Firkowski                                            |              |                  |
| Date:               | 9/3/02                                                  |              |                  |



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