

**GRAPHICAL TEST RESULTS
PART 1
FOR RFI TEST REPORT SERIAL NO:
RFI/EMCB1/RP42147B**

Test Of: Red-M (Communications) Ltd.
1000AP

To: F.C.C. Part 15 Subpart C: 2000
(Intentional Radiators)
Section 15.247

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TESTING
0644

**Test Of: Red-M (Communications) Ltd.
1000AP**

**To: F.C.C. Part 15 Subpart C: 2000
(Intentional Radiators)
Section 15.247**

This section contains the following graphs:

Graph Reference Number	Title
GPH\42147JD02\001	Carrier Frequency Separation, Hopping all channels Section 15.247 (a) (1)
GPH\42147JD02\002	Occupied Bandwidth, Hopping all channels Section 15.247 (a) (1) (ii)
GPH\42147JD02\003	Number of Hopping Frequencies, Hopping all channels (2.395705252 GHz to 2.487492586 GHz) Section 15.247 (a) (1) (ii)
GPH\42147JD02\004	Number of Hopping Frequencies, Hopping all channels (2.395705252 GHz to 2.44 GHz) Section 15.247 (a) (1) (ii)
GPH\42147JD02\005	Number of Hopping Frequencies, Hopping all channels (2.44 GHz to 2.49 GHz) Section 15.247 (a) (1) (ii)
GPH\42147JD02\006A	Time of Occupancy, Hopping all channels Part 15.247 (a) (1) (ii)
GPH\42147JD02\006B	Time of Occupancy, Hopping all channels Part 15.247 (a) (1) (ii)
GPH\42147JD02\007	Peak Output Power, Bottom channel, 110 V AC Part 15.247 (b)
GPH\42147JD02\008	Peak Output Power, Bottom channel, 85 V AC Part 15.247 (b)
GPH\42147JD02\009	Peak Output Power, Bottom channel, 126.5 V AC Part 15.247 (b)
GPH\42147JD02\010	Peak Output Power, Bottom channel, 276 V AC Part 15.247 (b)

21 dB Offset

1

1MA

1SA

Center 2.444427147 GHz

200 kHz

Span 2 MHz

-80

-70

-60

-50

-40

-30

-20

-10

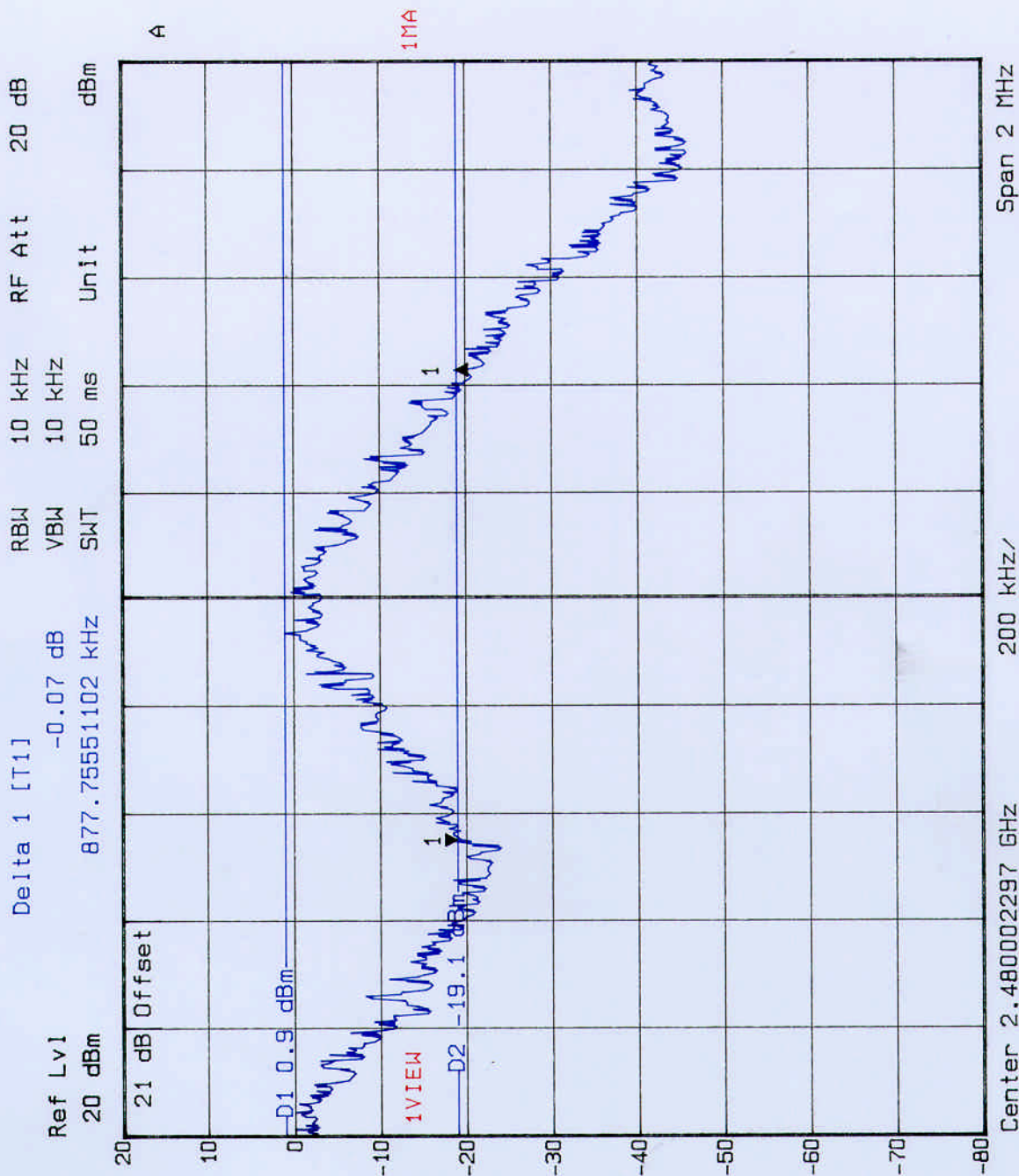
0

10

20

Center 2.444427147 GHz Span 2 MHz

Title: Carrier Frequency Separation FCC Part 15.247(a)(1)
Comment A: Tested For RED-M By RFI Ltd EUT:1000AP ENG:ND
OpCond: Hopping All Channels GPH/42147-01
Date: 11.APR.2001 9:41:13

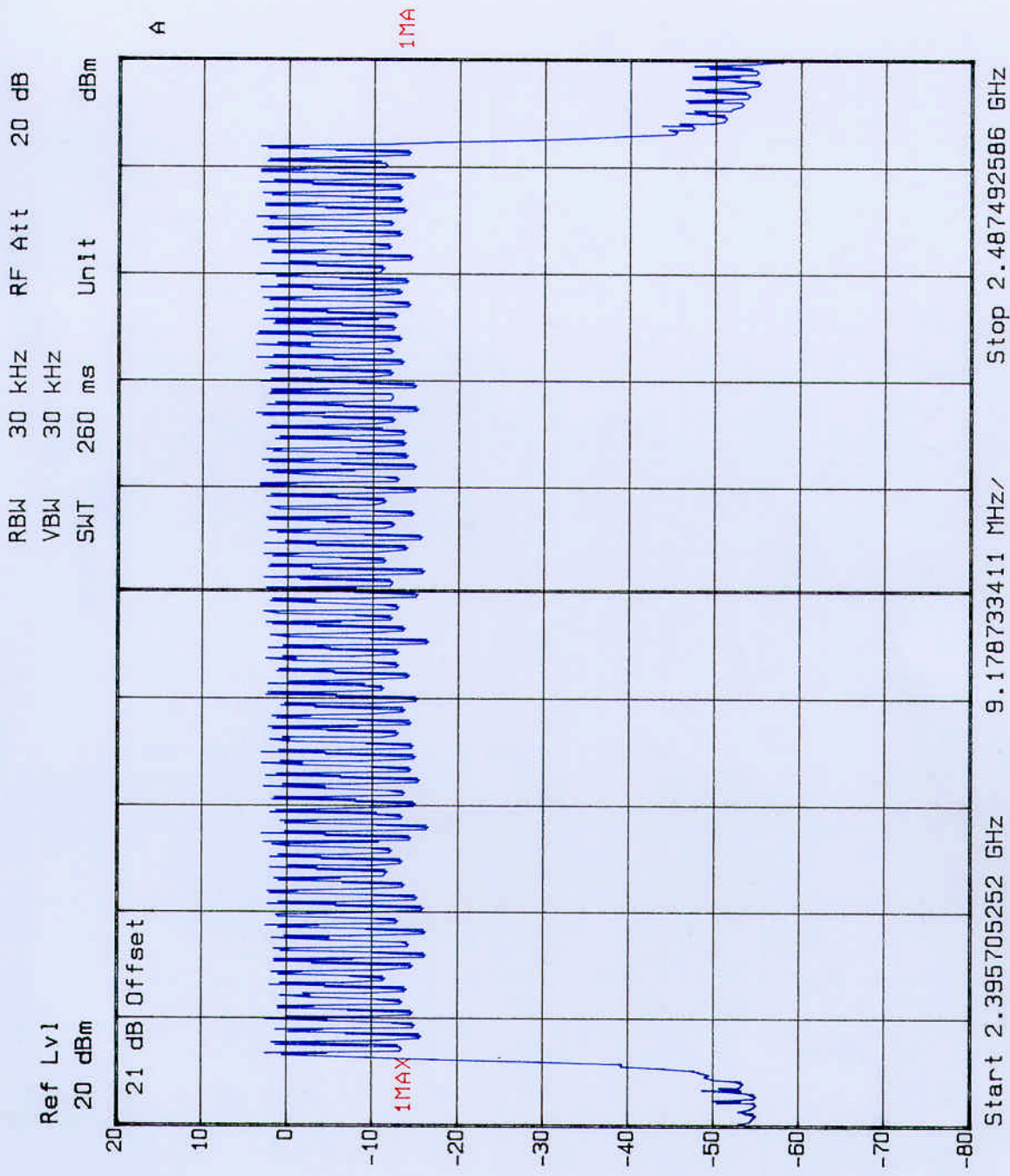


Title: 20 dB Bandwidth FCC Part 15.247(a)(1)(ii)

Comment A: Tested For RED-M By RFI Ltd EUT:1000AP ENG:ND

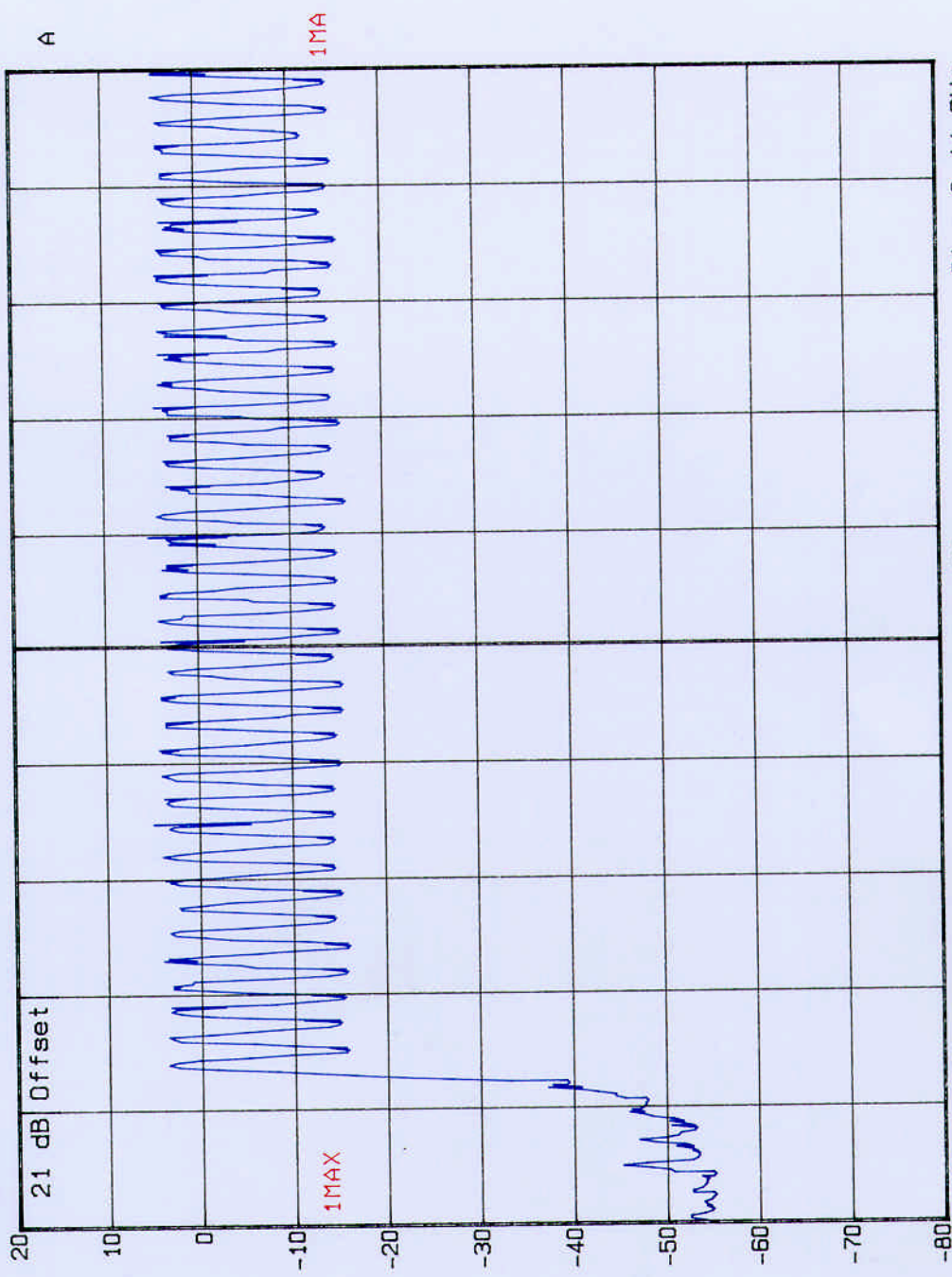
OpCond: Hopping All Channels GPH/42147/02

Date: 11.APR.2001 10:08:04



RBW 30 kHz RF Att 20 dB
 VBW 30 kHz
 SWT 125 ms Unit dBm

Ref Lvl
 20 dBm

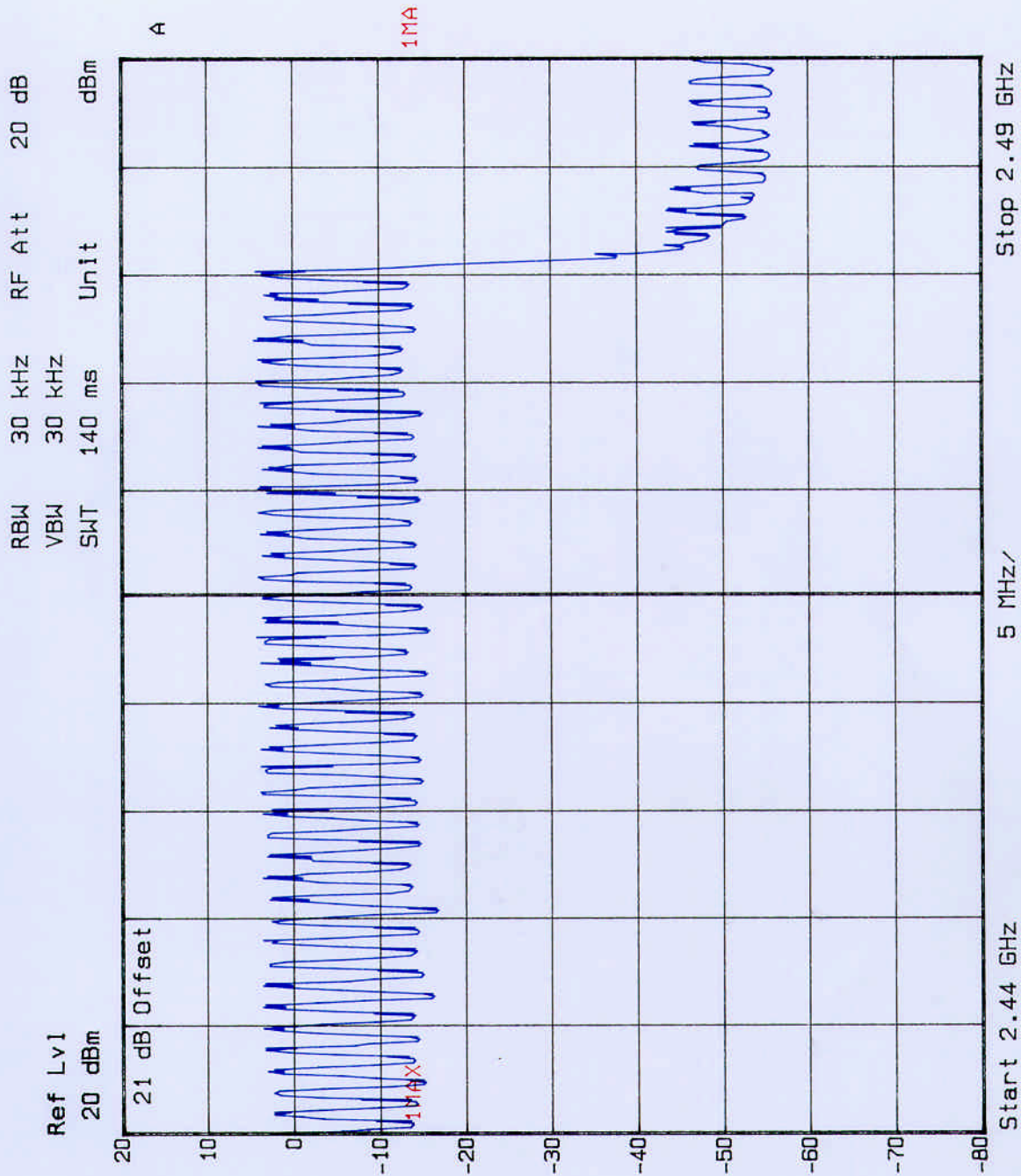


Start 2.395705252 GHz 4.429474845 MHz/ Stop 2.44 GHz

Title: Number Off Hopping Frequencies Part 15.247(a)(1)(ii)

Comment A: Tested For RED-M By RFI Ltd EUT:1000AP ENG:ND
 1st Half. OpCond: Hopping All Channels GPH/42147/04

Date: 11.APR.2001 10:37:04

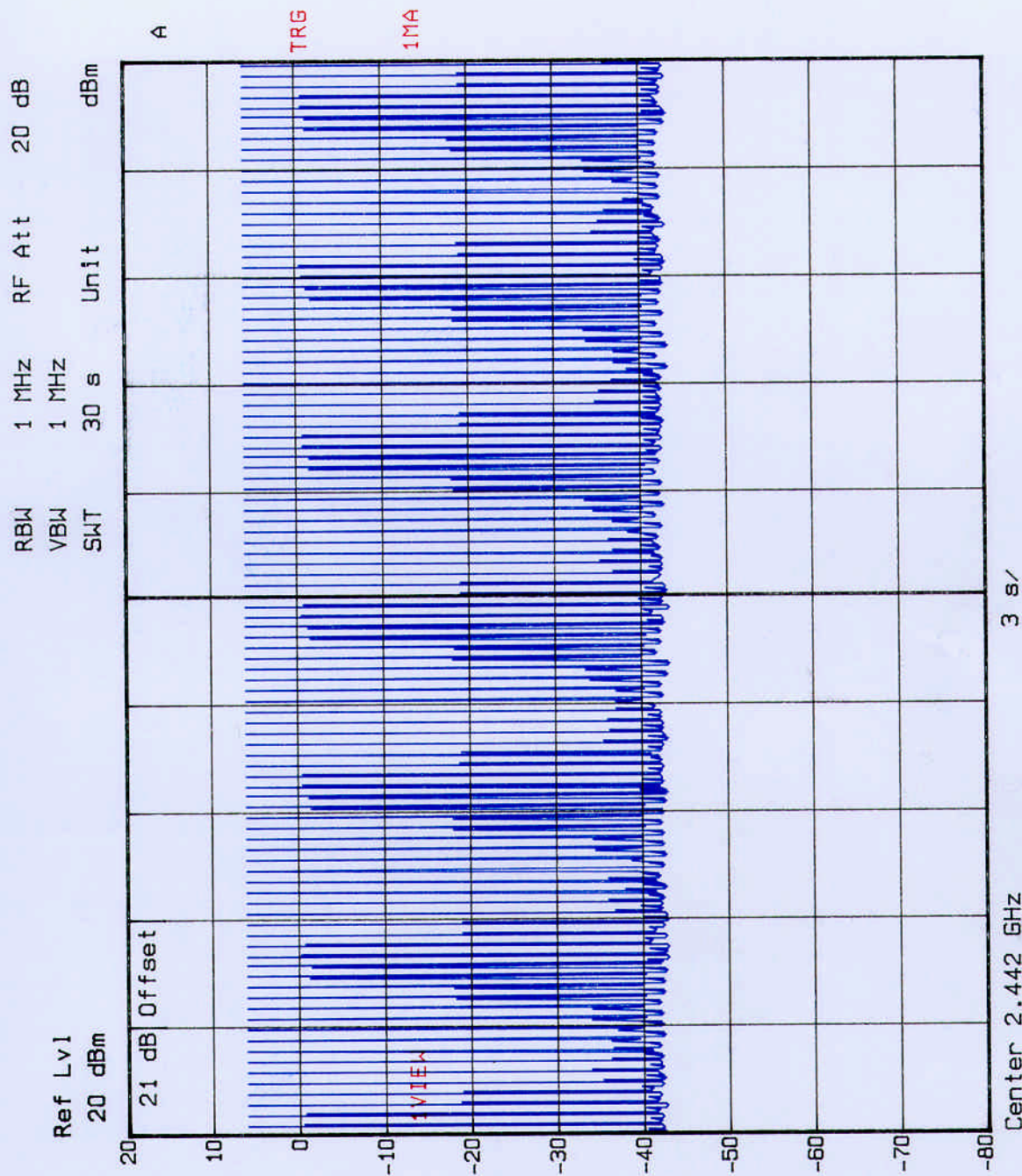


Title: Number Off Hopping Frequencies Part 15.247(a)(1)(11)

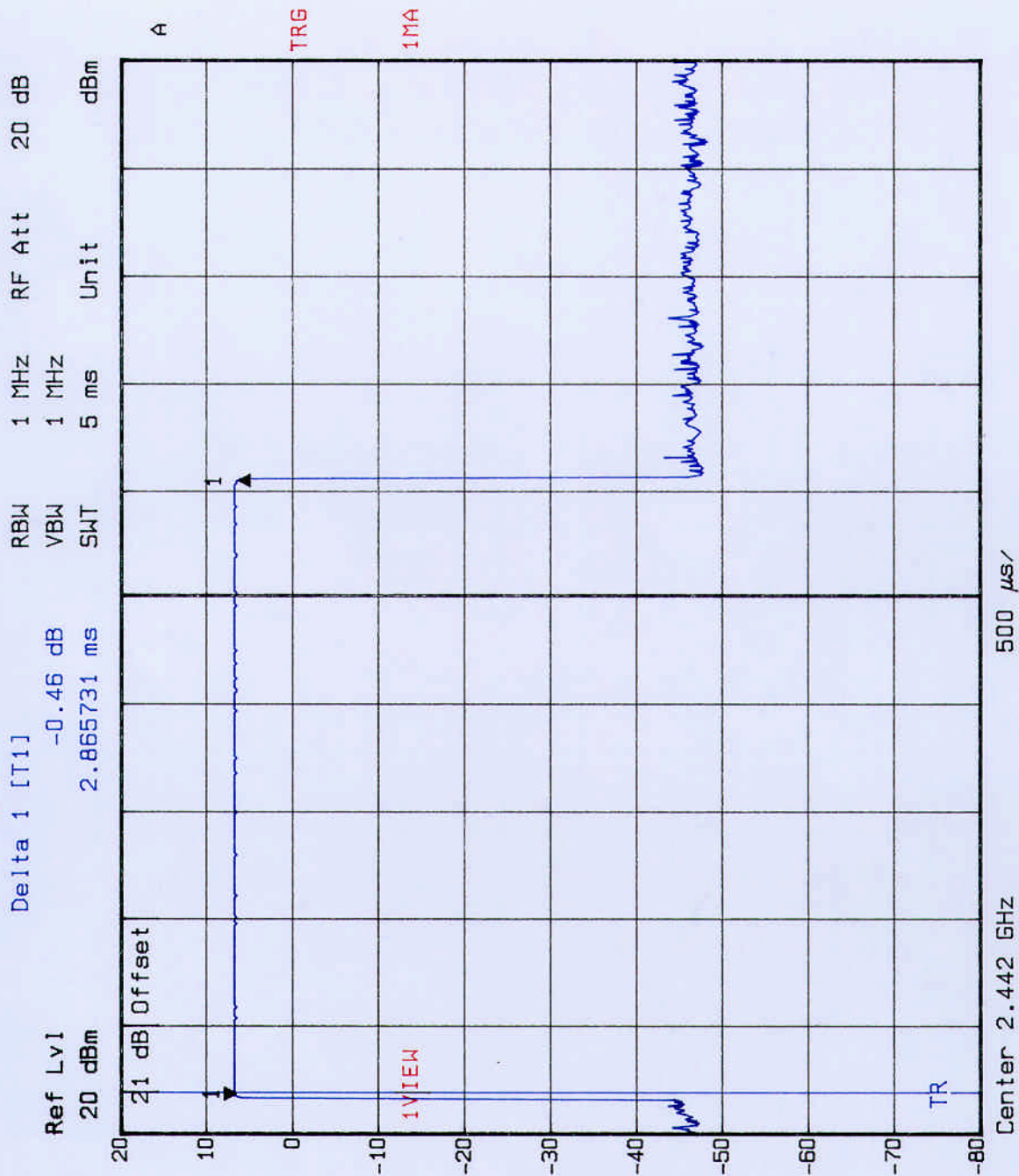
Comment A: Tested For RED-M By RFI Ltd EUT:1000AP ENG:ND

2nd Half. OpCond: Hopping All Channels GPH/42147/05

Date: 11.APR.2001 10:42:36



Title: Time Of Occupancy (Dwell Time) Part 15.247(a)(1)(11)
 Comment A: Tested For RED-M By RFI Ltd EUT:1000AP ENG:ND
 OpCond: Hopping All Channels GPH/42147/06A
 Date: 11.APR.2001 11:48:31

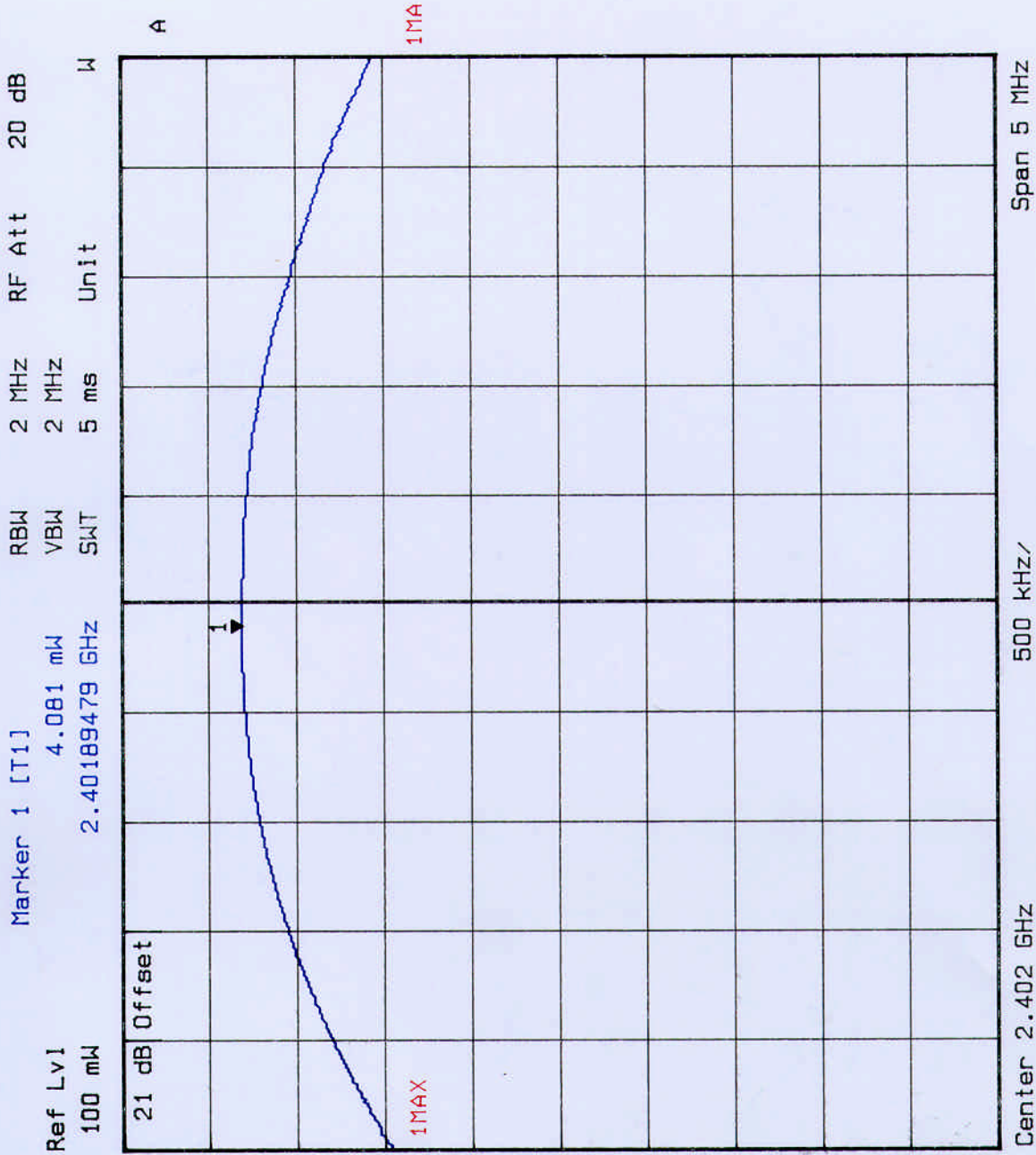


Title: Time Of Occupancy (Dwell Time) Part 15.247(a)(1)(ii)

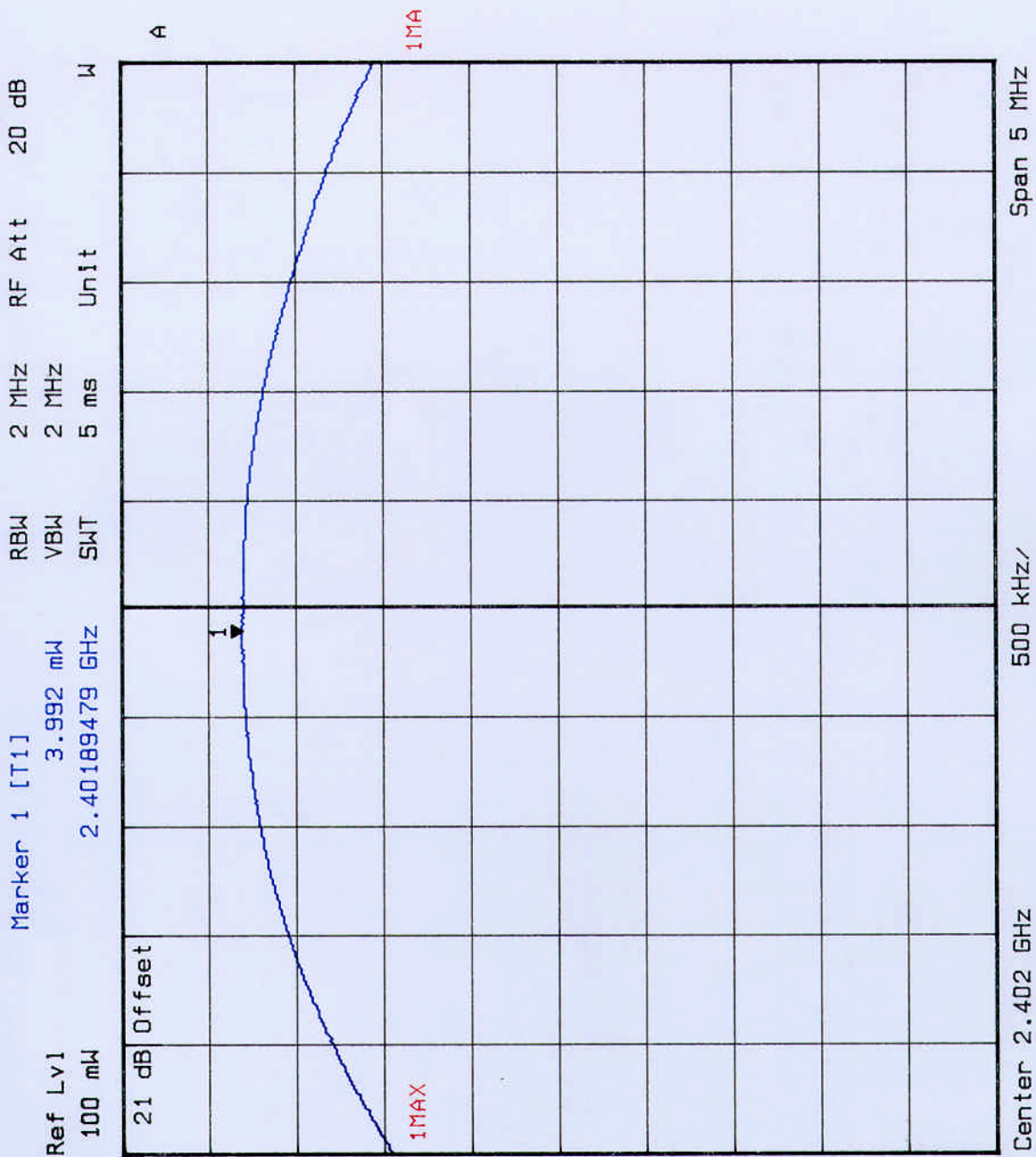
Comment A: Tested For RED-M By RFI Ltd EUT:1000AP ENG:ND

OpCond: Hopping All Channels GPH/42147/06B

Date: 11.APR.2001 11:06:51

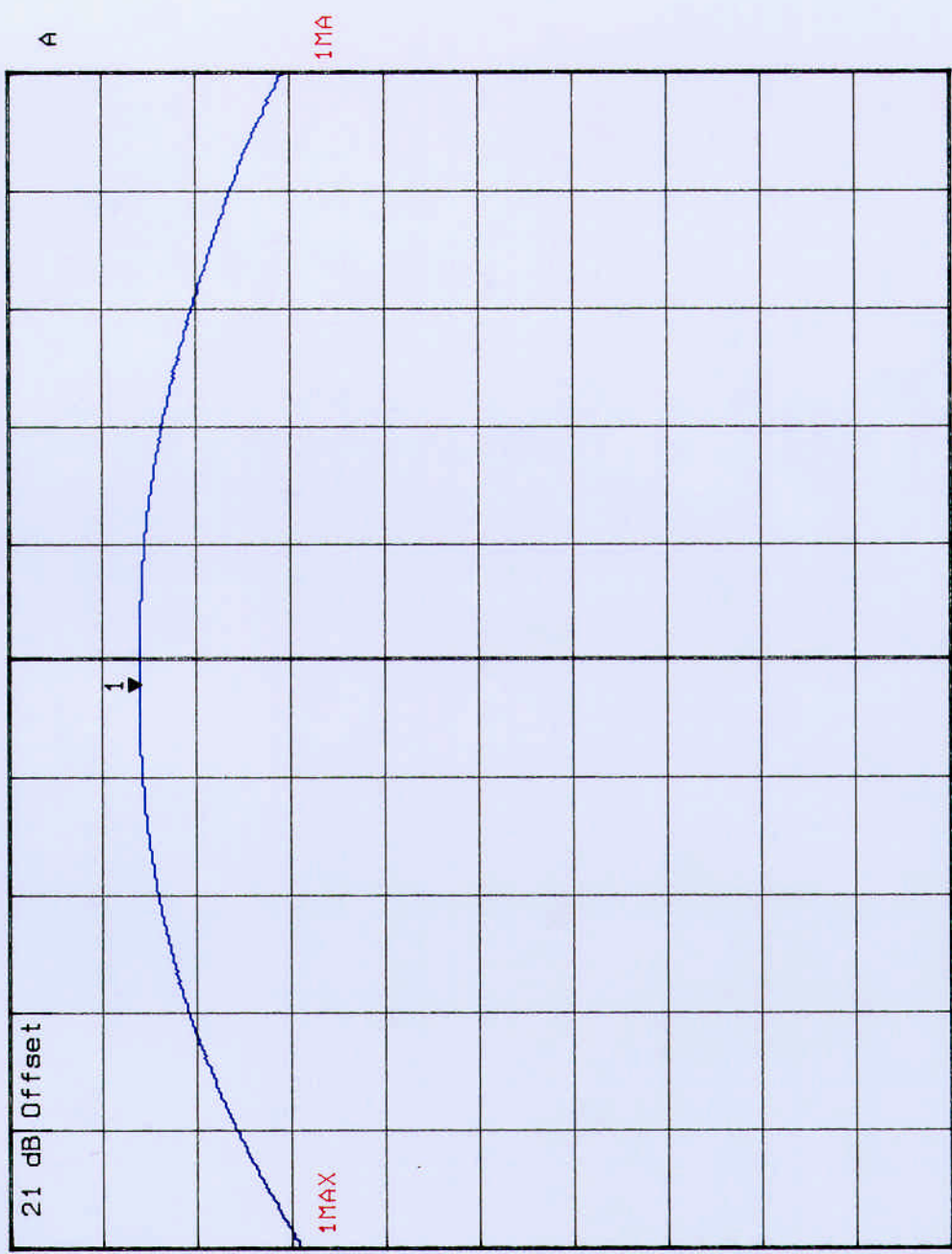


Title: Peak Output Power FCC Part 15.247(b)
 Comment A: Tested For RED-M By RFI Ltd EUT:1000AP ENG:ND 110 VAC
 OpCond: Bottom Channel GPH/42147/07
 Date: 11.APR.2001 12:26:34



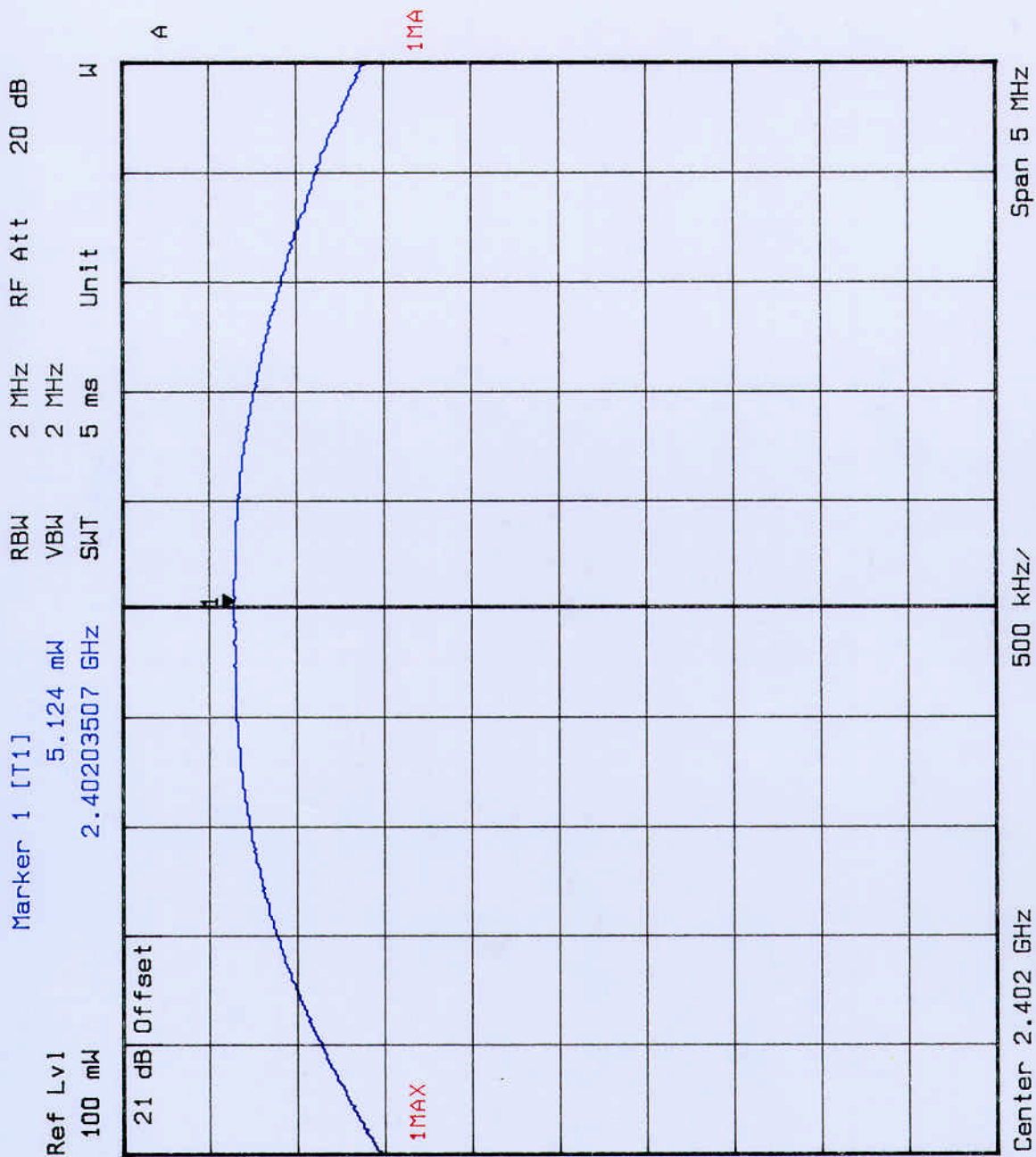
Title: Peak Output Power FCC Part 15.247(b) 85 V AC
 Comment A: Tested For RED-M By RFI Ltd EUT:1000AP ENG:ND
 OpCond: Bottom Channel1 GPH/42147/08
 Date: 11.APR.2001 12:33:23

Marker 1 [T1]
 Ref Lvl 100 mW
 3.931 mW
 2.40189479 GHz
 RBW 2 MHz
 VBW 2 MHz
 SWT 5 ms
 RF Att 20 dB
 Unit W



Center 2.402 GHz 500 kHz/ Span 5 MHz

Title: Peak Output Power FCC Part 15.247(b) 126.5 V AC
 Comment A: Tested For RED-M By RFI Ltd EUT:1000AP ENG:ND
 OpCond: Bottom Channel1 GPH/42147/09
 Date: 11.APR.2001 12:39:13



Title: Peak Output Power FCC Part 15.247(b) 276 V AC

Comment A: Tested For RED-M By RFI Ltd EUT:1000AP ENG:ND

OpCond: Bottom Channel GPH/42147/10

Date: 11.APR.2001 12:45:21