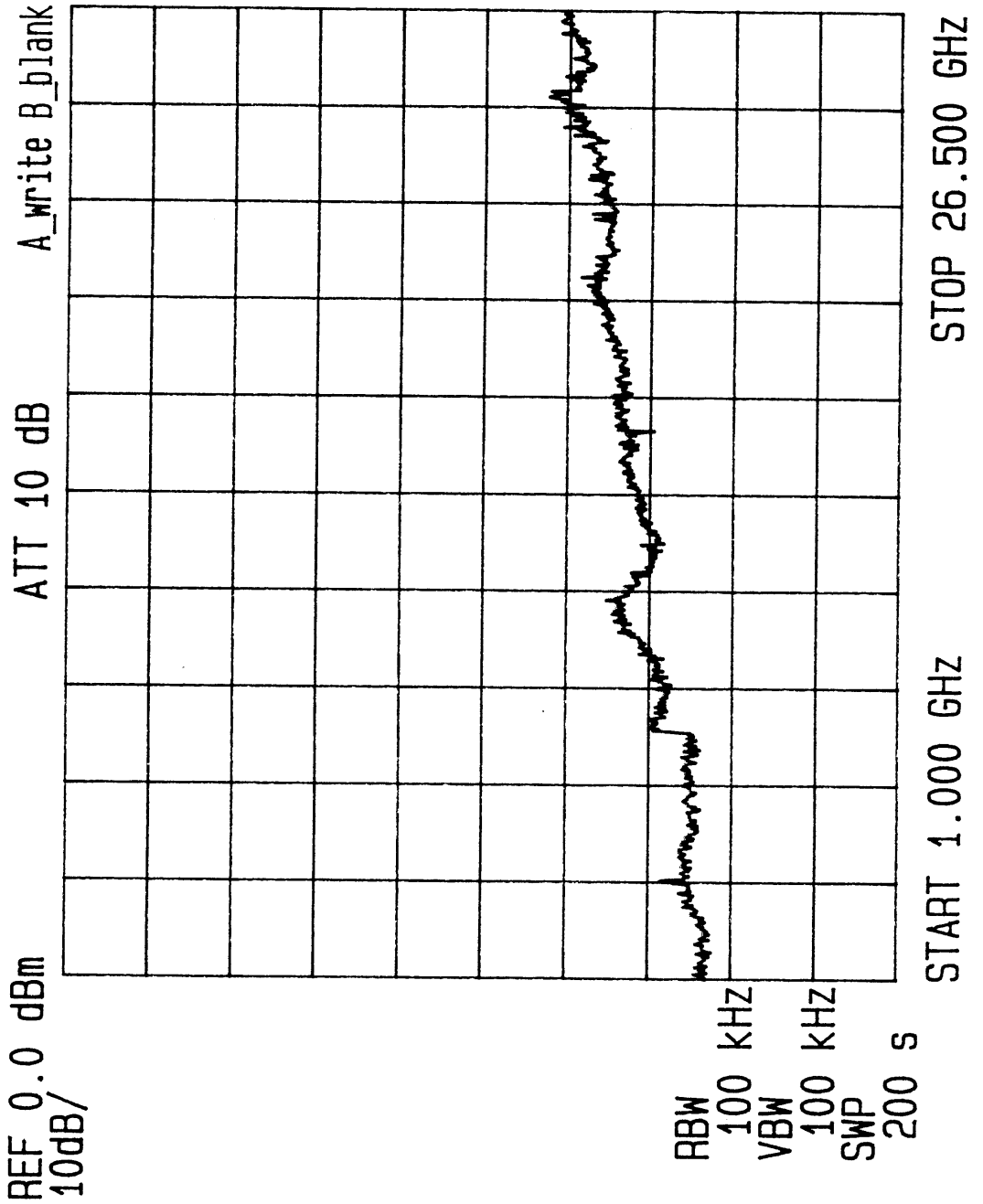




TEST: SPURIOUS EM. CON. EUT: Intersil PRISM II S/N: 9936-0027
 FREQ: 1GHz-25GHz SPEC: 15.247 (C) (1) ANT.HT/POL:
 DETECT: PEAK (RECEIVE) LINE UNDER TEST: 2.437G (1 Mbps) EUT POSITION:
 DATE: 10-1-98 TEST SITE: ROOM 1 TESTER: *AB*

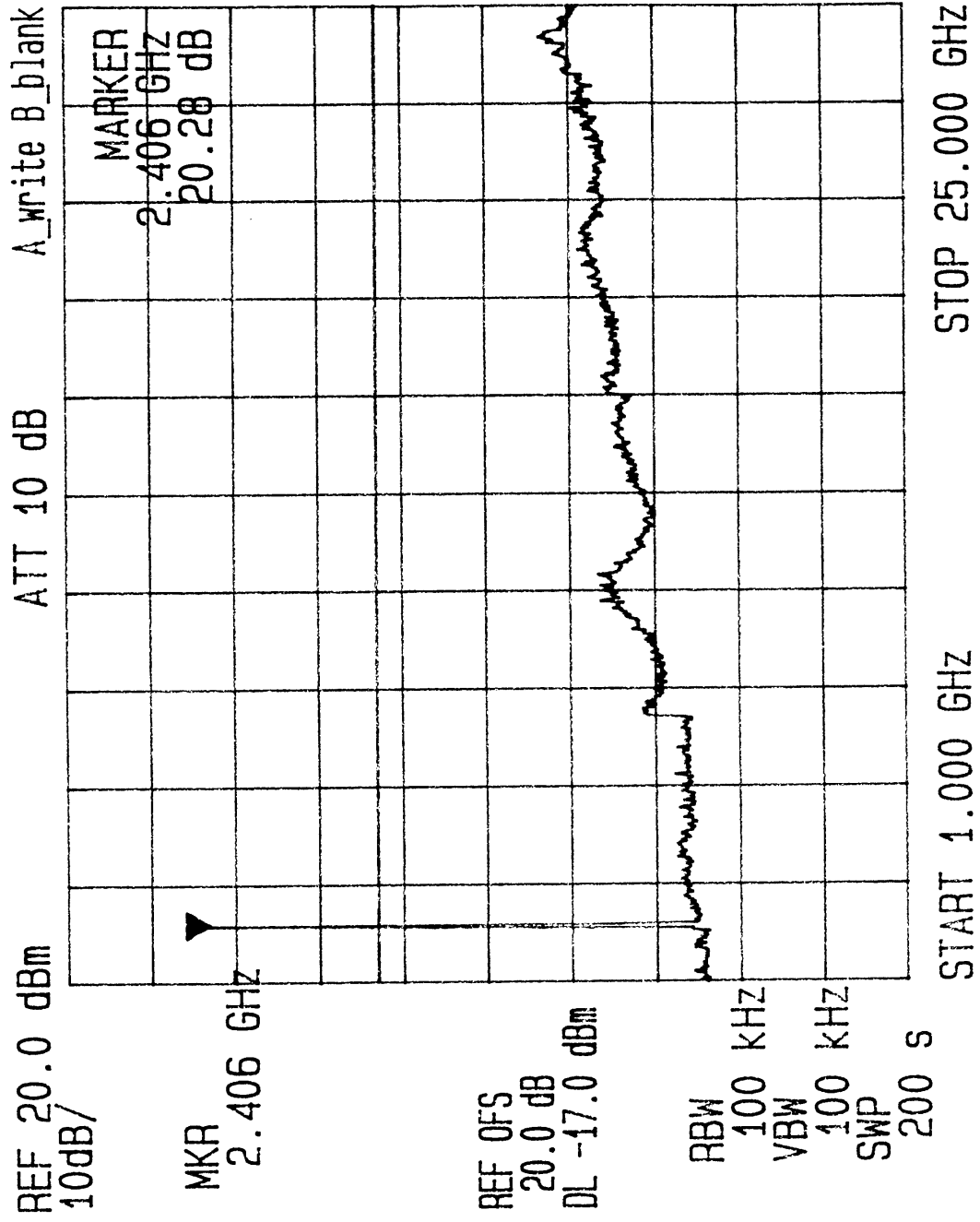


JA-1652

DATA SHEET 6.4.3-4



TEST: SPURIOUS EM. CON. EUT: Intersil PRISM II S/N: 9936-0027
 FREQ: 1GHZ-25GHZ SPEC: 15.247 (C) (1) ANT.HT/POL: ---
 DETECT: PEAK (TRANSMIT) LINE UNDER TEST: 2.462G (1 Mbps) EUT POSITION: ---
 DATE: 10-1-99 TEST SITE: ROOM 1 TESTER: AB

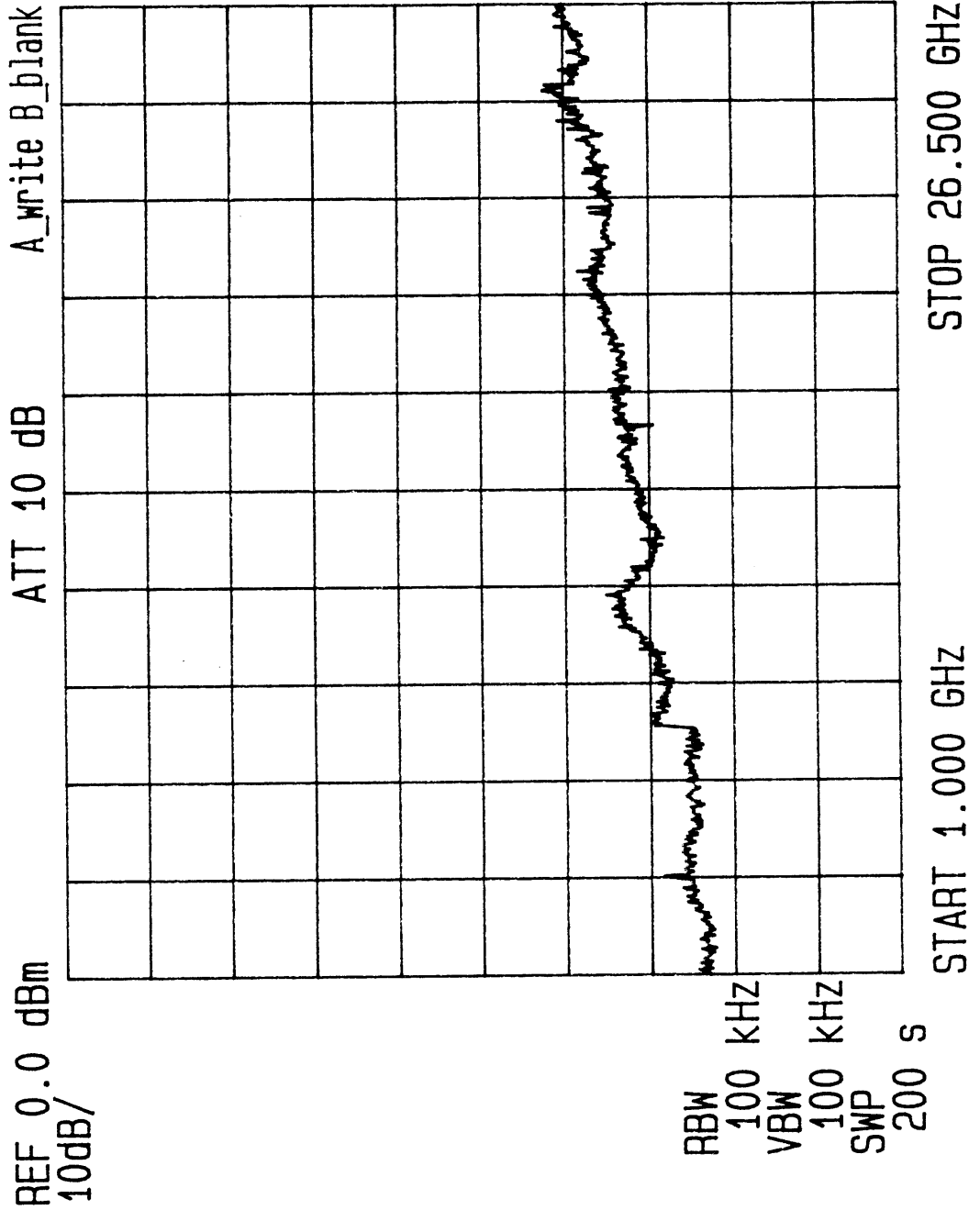


JA-1652



TEST: SPURIOUS EM. CON. EUT: Intersil PRISM II S/N: 9936-0027
 FREQ: 1GHz-25GHz SPEC: 15.247 (C) (1) ANT.HT/POL:
 DETECT: PEAK (RECEIVE) LINE UNDER TEST: 2.462G (1 Mbps) EUT POSITION:
 DATE: 10-1-99 TEST SITE: ROOM 1 TESTER: *AS*

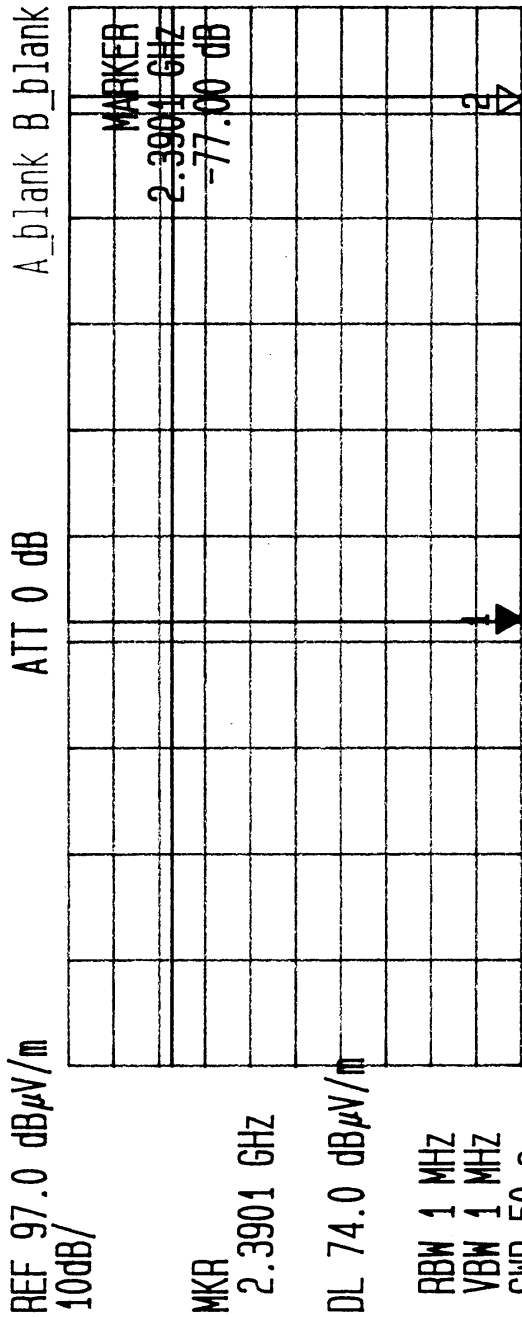
JA-1652



DATA SHEET 6.4.3-6



TEST: RESTRICTED BANDS EUT: Intersil PRISM II S/N: 9936-0035
 FREQ: 2.31G-2.50GHZ SPEC: 15.247 ANT.HT/POL: — H
 DETECT: PEAK LINE UNDER TEST: (11Mbps) EUT POSITION: —
 DATE: 9-27-99 TEST SITE: 3-METER TESTER: *(Signature)*



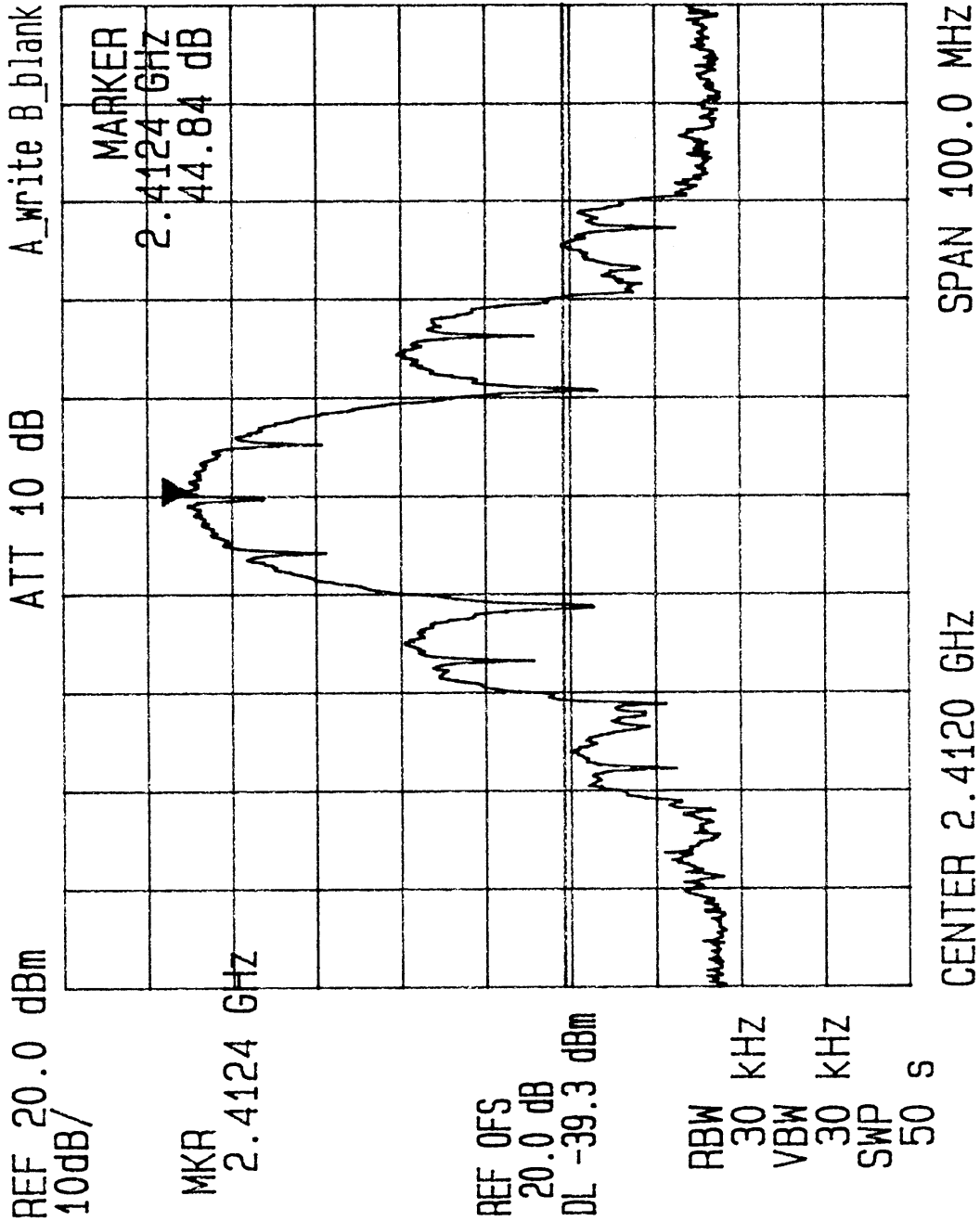
START 2.3100 GHZ STOP 2.5000 GHZ

*** Multi Marker List ***
 2.3901 GHZ -77.00 dB
 2.4834 GHZ -77.00 dB

- No.1:
- No.2:
- No.3:
- No.4:
- No.5:
- No.6:
- No.7:
- No.8:
- Δ:



TEST: MODULATION EM. EUT: Intersil PRISM II S/N: 9936-0027
 FREQ: 2.412 GHz ANT. HT/POL: --
 DETECT: PEAK LINE UNDER TEST: 2.412GHz (1Mbps) EUT POSITION: --
 DATE: 10-21-99 TEST SITE: ROOM 1 TESTER: [Signature]

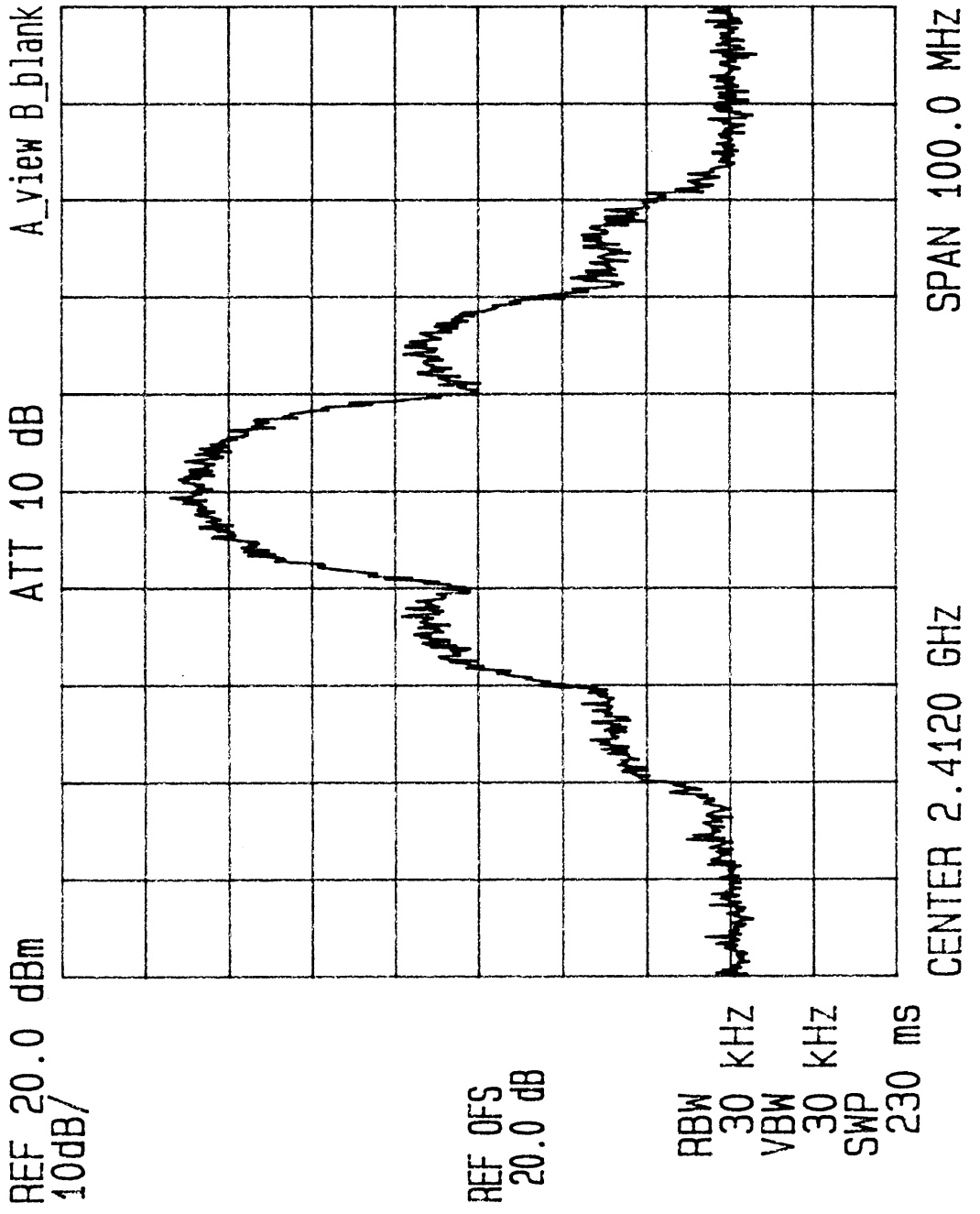


DATA SHEET 6.4.3-8



TEST: MODULATION EM. EUT: Intersil PRISM II S/N: 9936-0027
 FREQ: 2.412 GHz SPEC: 15.247 (b) ANT. HT/POL:
 DETECT: PEAK LINE UNDER TEST: 2.412GHz (11Mbps) EUT POSITION:
 DATE: 10-1-99 TEST SITE: ROOM 1 TESTER: *AKB*

JA-1652

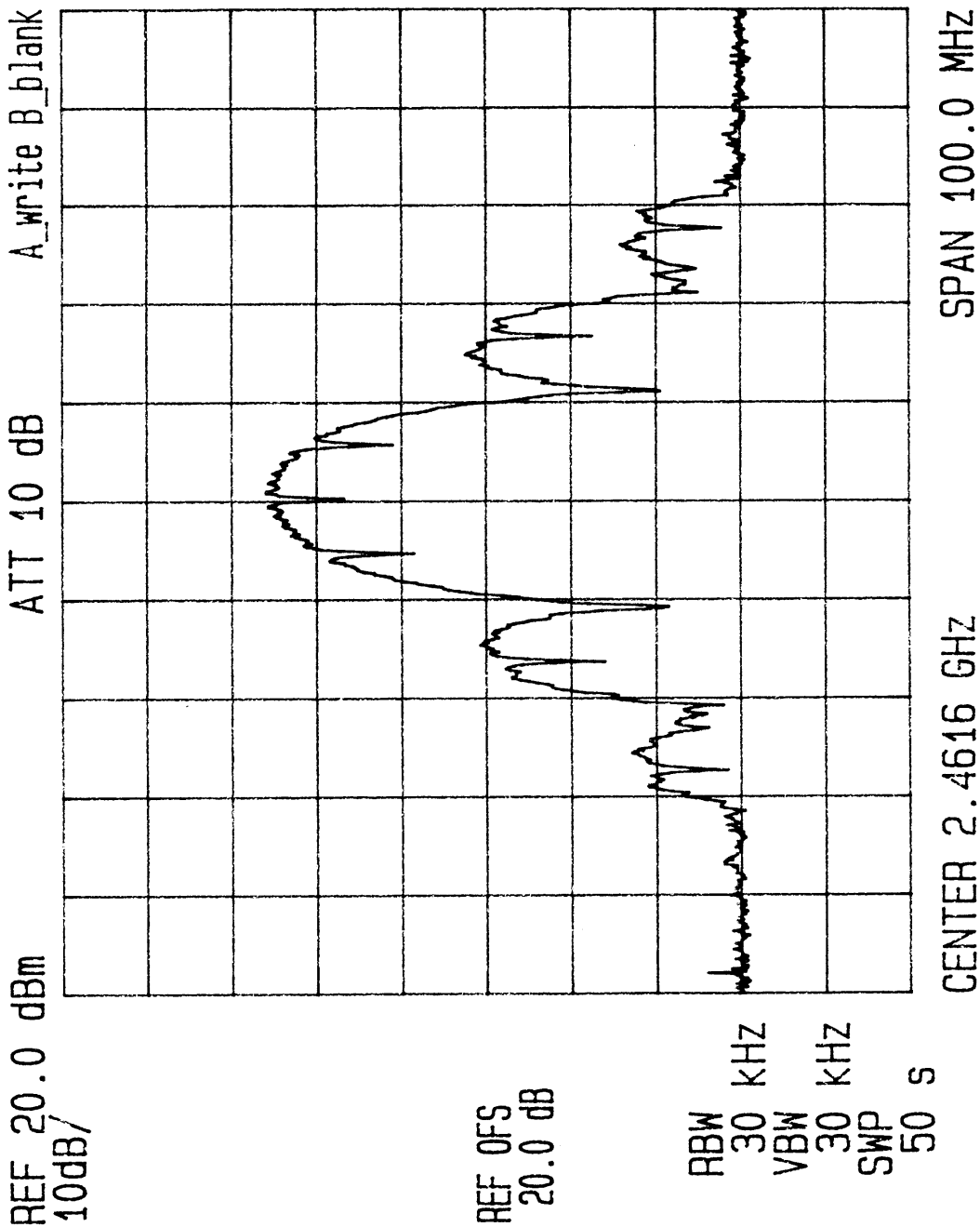


DATA SHEET 6.4.3-9



TEST: MODULATION EM. EUT: Intersil PRISM II S/N: 9936-0027
 FREQ: 2.462 GHz SPEC: 15.247 (b) ANT. HT/POL:
 DETECT: PEAK LINE UNDER TEST: 2.462GHz (1Mbps) EUT POSITION:
 DATE: 10-4-99 TEST SITE: ROOM 1 TESTER: *AP*

JA-1652

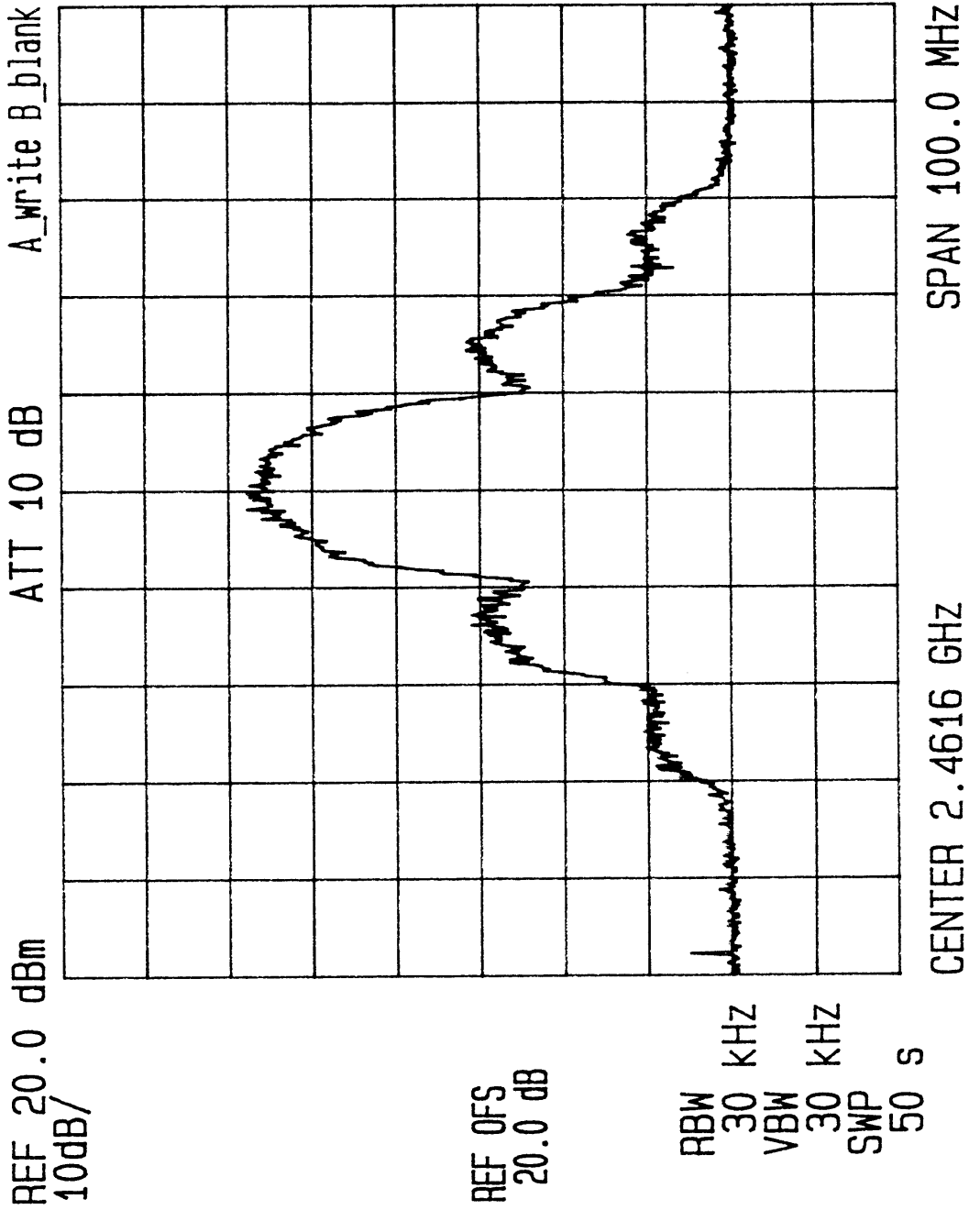


DATA SHEET 6.4.3-10



TEST: MODULATION EM. EUT: Intersil PRISM II S/N: 9936-0027
FREQ: 2.462 GHz SPEC: 15.247 (b) ANT.HT/POL:
DETECT: PEAK LINE UNDER TEST: 2.462GHz (11Mbps) EUT POSITION:
DATE: 10-4-99 TEST SITE: ROOM 1 TESTER: *[Signature]*

JA-1652

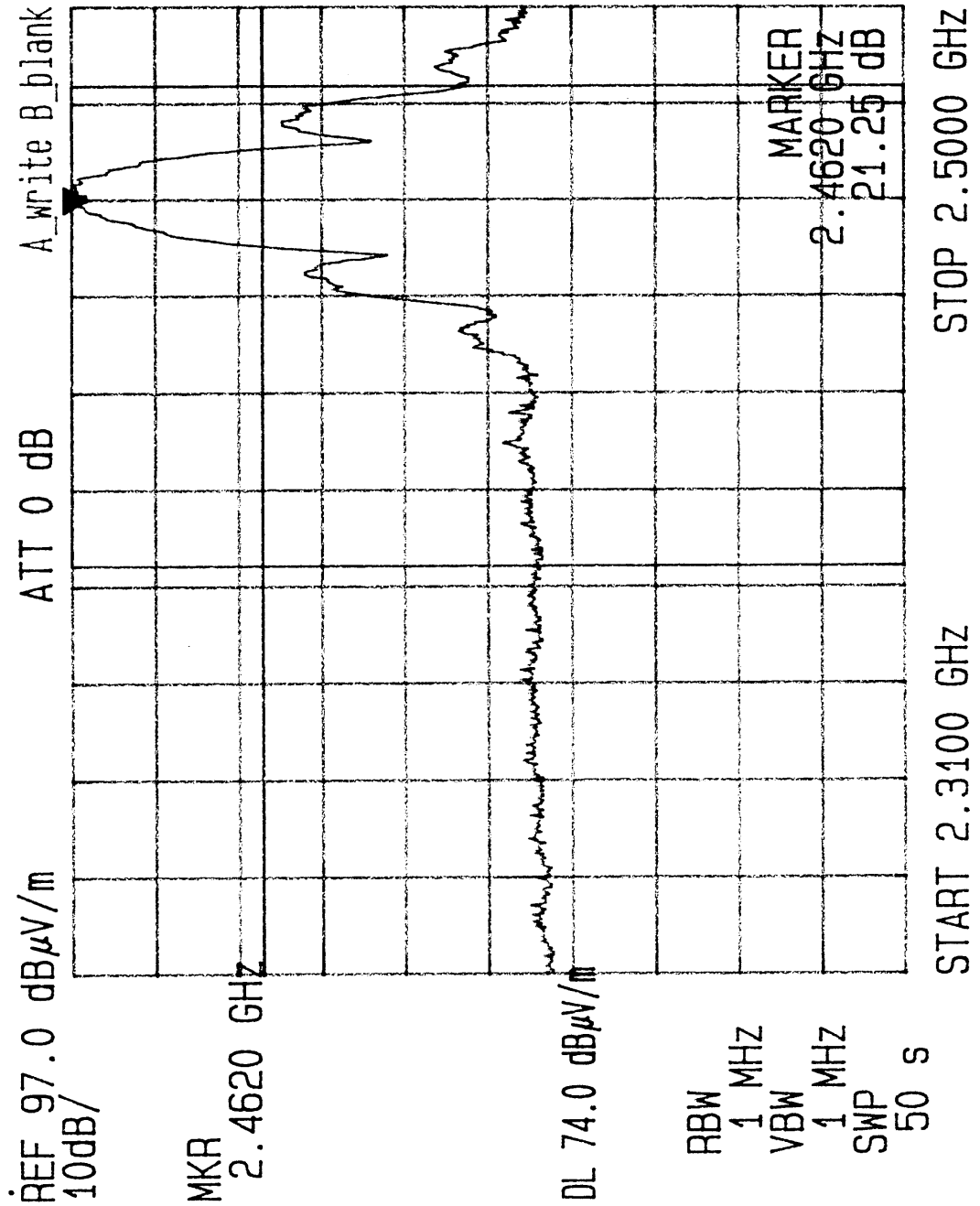


DATA SHEET 6.4.3-11



TEST: RESTRICTED BANDS EUT: Intersil PRISM II S/N: 9936-0035
 FREQ: 2.31G-2.50GHZ SPEC: 15.247 ANT. HT/POL: 1.5M H
 DETECT: PEAK LINE UNDER TEST: 2.462G (1Mbps) EUT POSITION: 120
 DATE: 02-07-02 TEST SITE: 3-METER TESTER: *[Signature]*

JA-1652

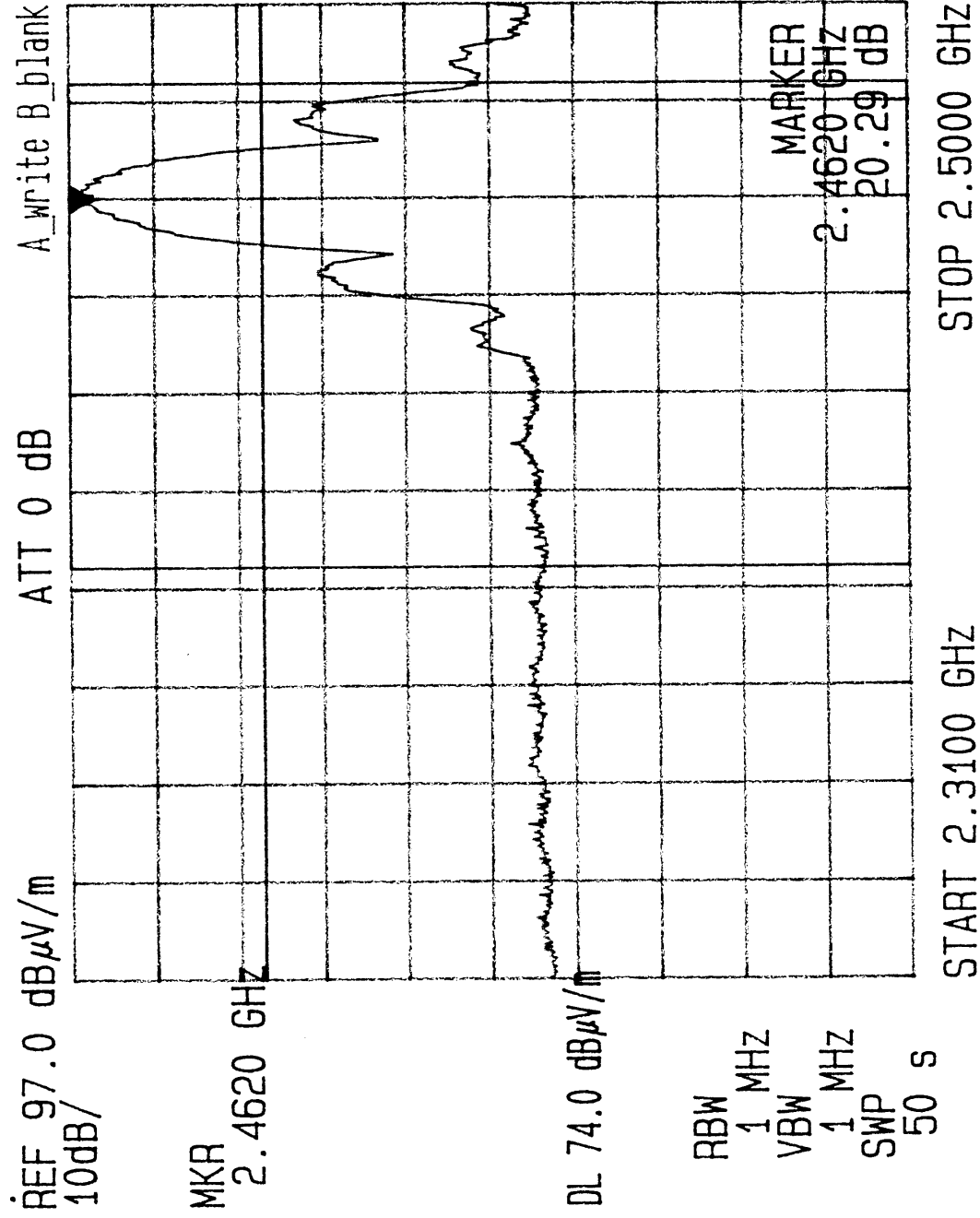


DATA SHEET 6.4.3-12



TEST: RESTRICTED BANDS EUT: Intersil PRISM II S/N: 9936-0035
 FREQ: 2.31G-2.50GHZ SPEC: 15.247 ANT. HT/POL: 1.5M V
 DETECT: PEAK LINE UNDER TEST: 2.462G (1Mbps) EUT POSITION: 1570
 DATE: 10-5-97 TEST SITE: 3-METER TESTER: [Signature]

JA-1652

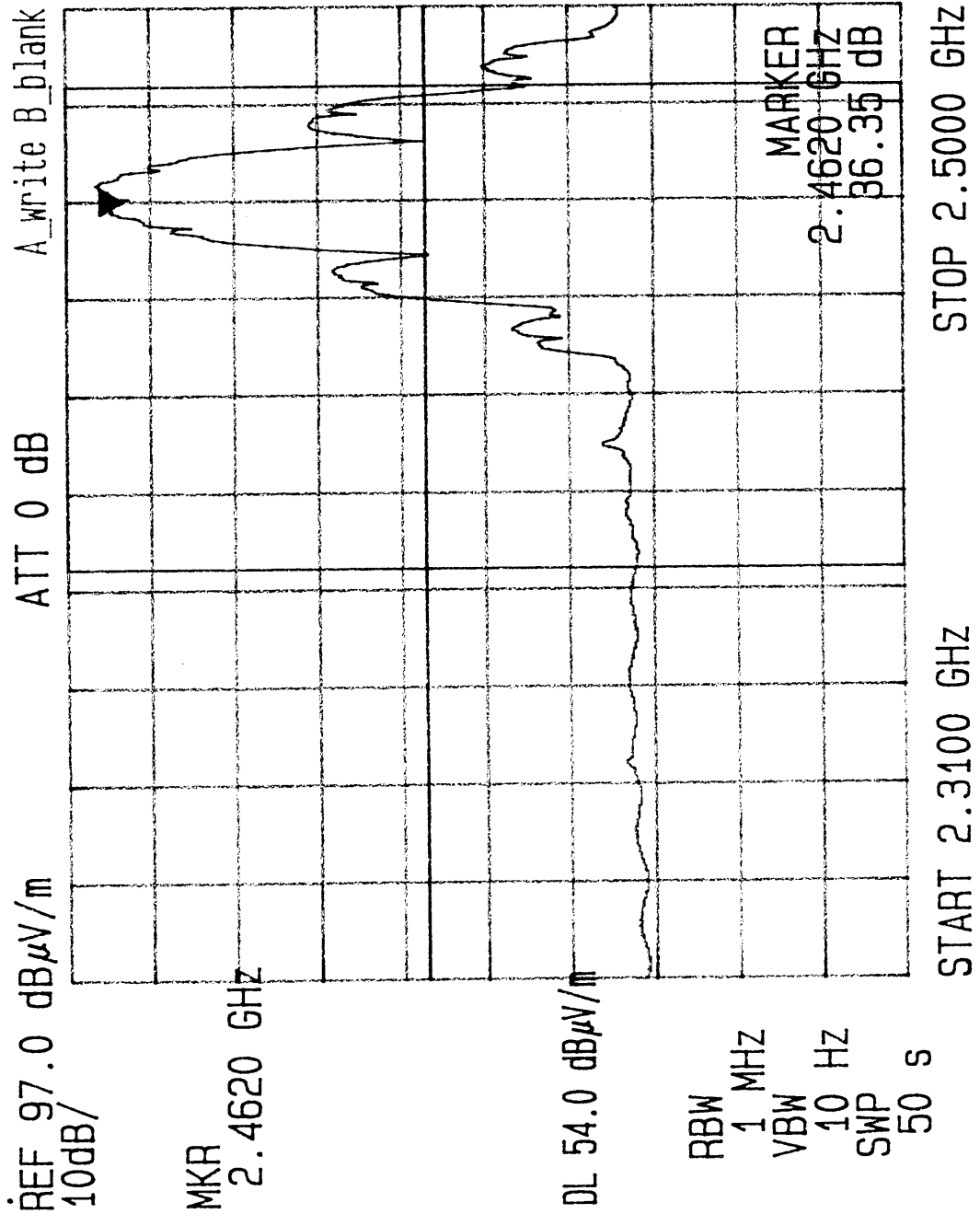


DATA SHEET 6.4.3-13



TEST: RESTRICTED BANDS EUT: Intersil PRISM II S/N: 9936-0035
 FREQ: 2.31G-2.50GHZ SPEC: 15.247 ANT.HT/POL: 154 H
 DETECT: AVERAGE LINE UNDER TEST: 2.462G (1Mbps) EUT POSITION: 120
 DATE: 10-5-77 TEST SITE: 3-METER TESTER: [Signature]

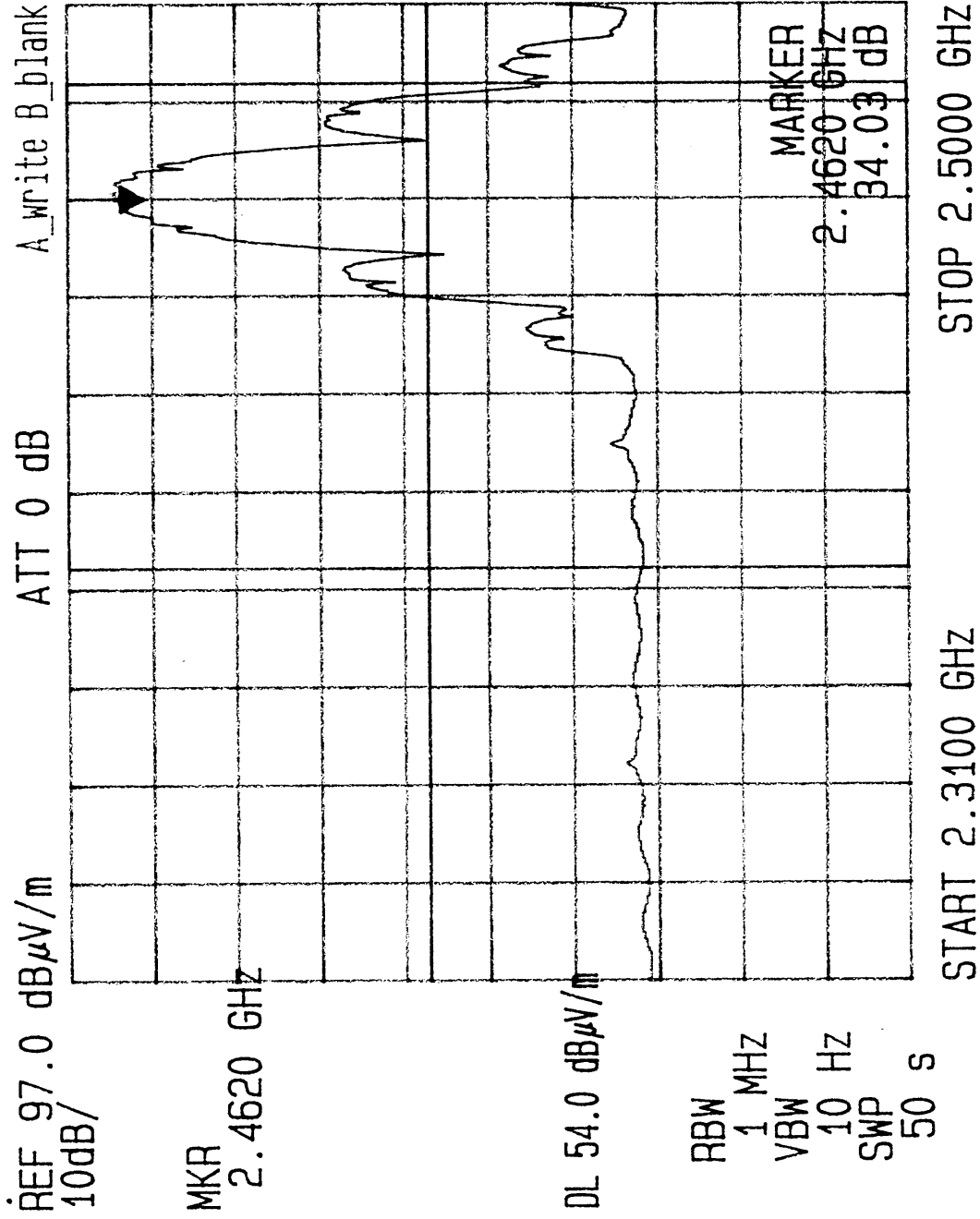
JA-1652



DATA SHEET 6.4.3-14



TEST: RESTRICTED BANDS EUT: Intersil PRISM II S/N: 9936-0035
 FREQ: 2.31G-2.50GHZ SPEC: 15.247 ANT.HT/POL: 1.5M V
 DETECT: AVERAGE LINE UNDER TEST: 2.462G (1Mbps) EUT POSITION: 1570
 DATE: 10-5-94 TEST SITE: 3-METER TESTER: *[Signature]*



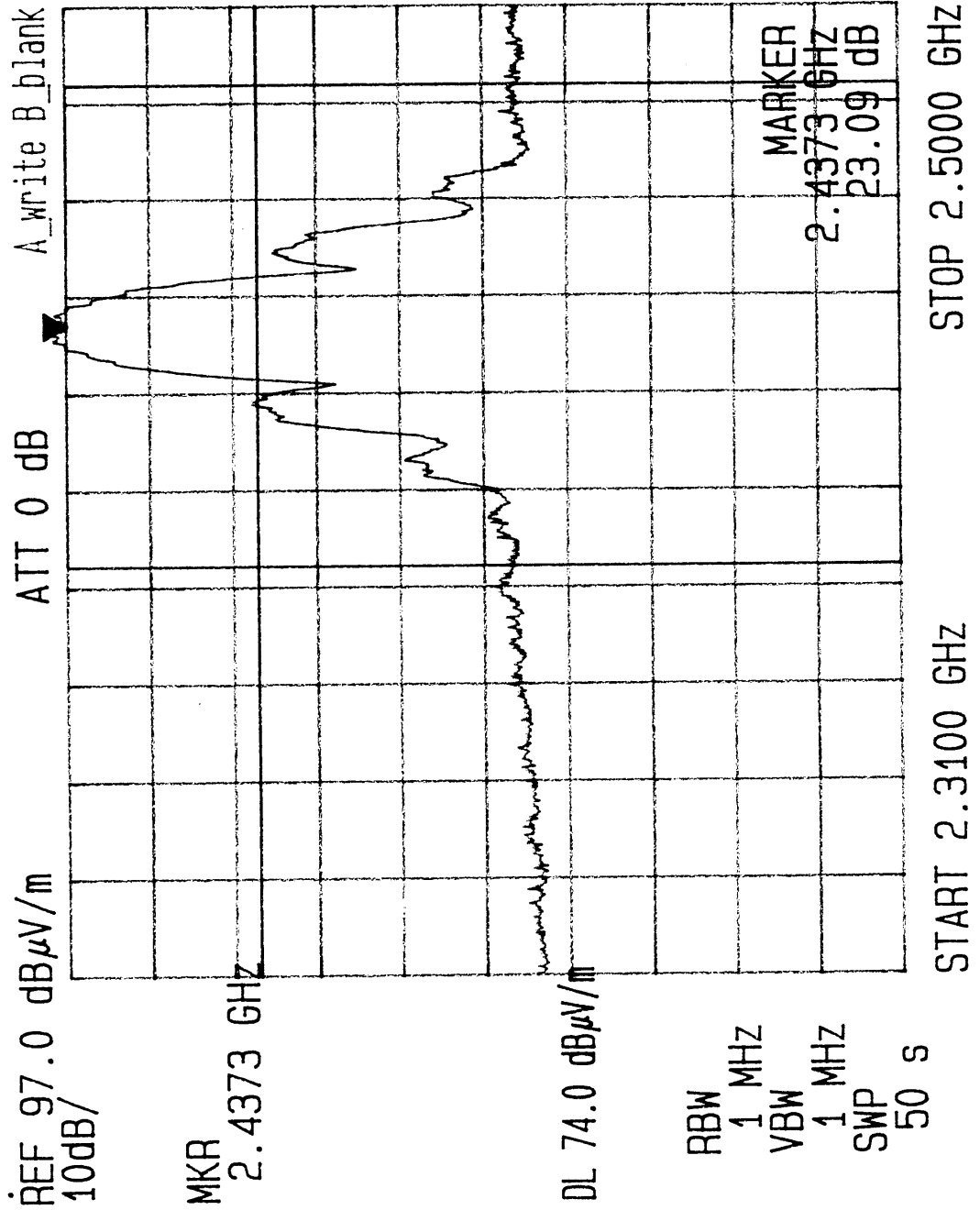
JA-1652

DATA SHEET 6.4.3-15



TEST: RESTRICTED BANDS EUT: Intersil PRISM II S/N: 9936-0035
 FREQ: 2.31G-2.50GHZ SPEC: 15.247 ANT.HT/POL: 1.75m H
 DETECT: PEAK LINE UNDER TEST: 2.437 (1Mbps) EUT POSITION: 92
 DATE: 10-5-99 TEST SITE: 3-METER TESTER: *AD*

JA-1652

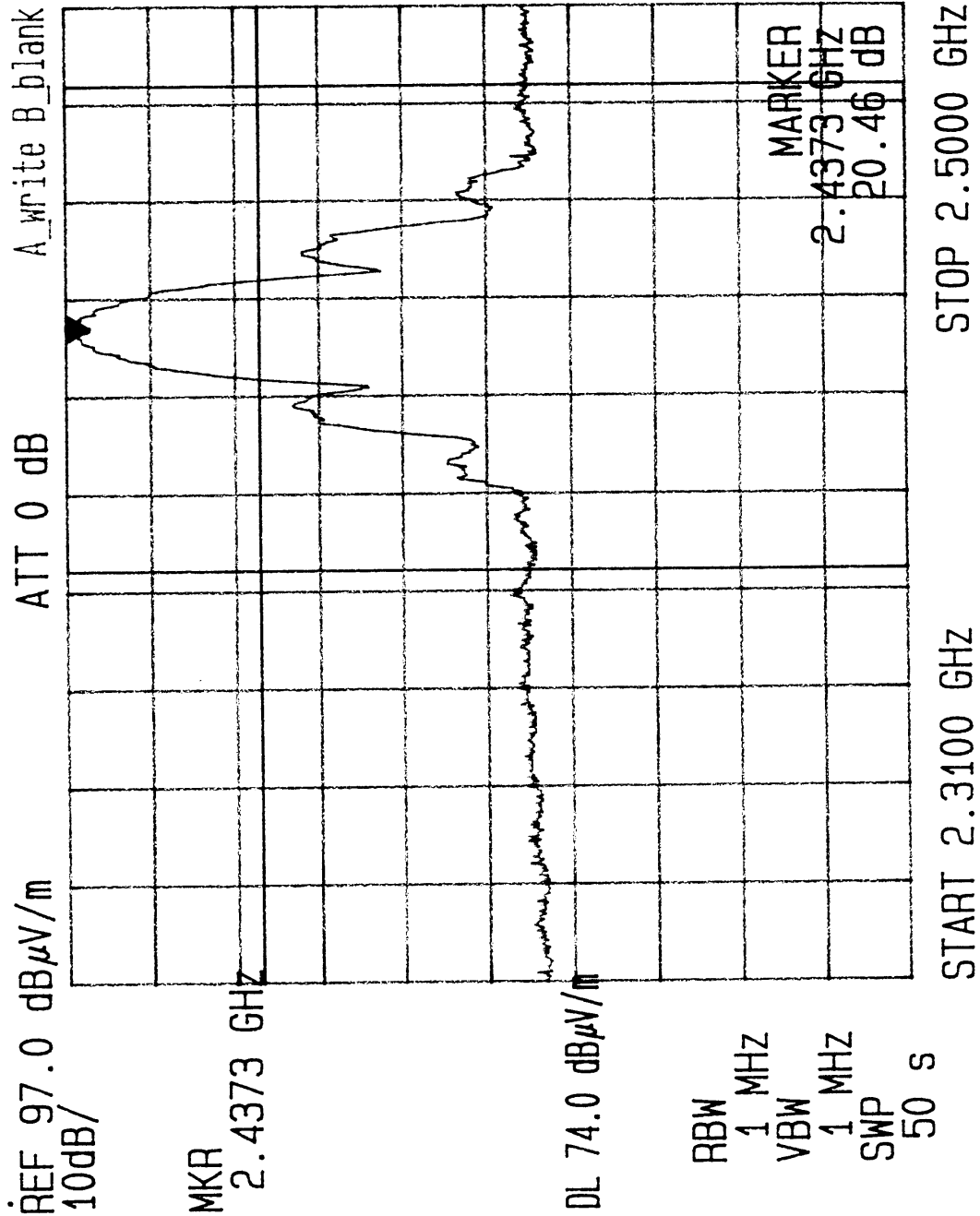


DATA SHEET 6.4.3-16



TEST: RESTRICTED BANDS EUT: Intersil PRISM II S/N: 9936-0035
 ANT. HT/POL: 20M, V
 FREQ: 2.31G-2.50GHZ SPEC: 15.247
 LINE UNDER TEST: 2.437GHZ (1Mbps) EUT POSITION: 180°
 DETECT: PEAK TESTER: [Signature]
 DATE: 10-5-92 TEST SITE: 3-METER

JA-1652

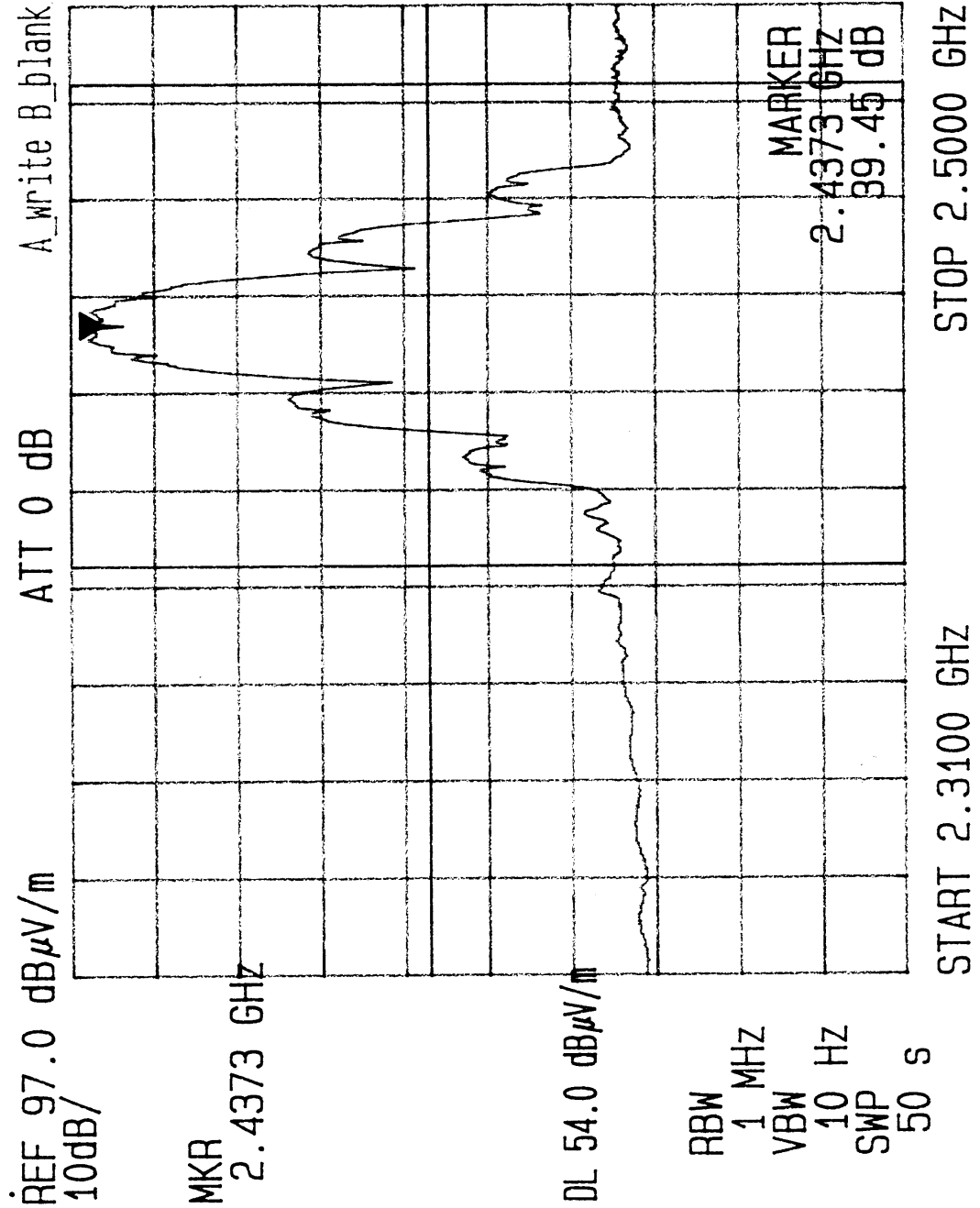


DATA SHEET 6.4.3-17



TEST: RESTRICTED BANDS EUT: Intersil PRISM II S/N: 9936-0035
 FREQ: 2.31G-2.50GHZ SPEC: 15.247 ANT.HT/POL: 1.75m H
 DETECT: AVERAGE LINE UNDER TEST: 1/3 (1/2 (1Mbps) EUT POSITION: 950
 DATE: 10-5-99 TEST SITE: 3-METER TESTER: [Signature]

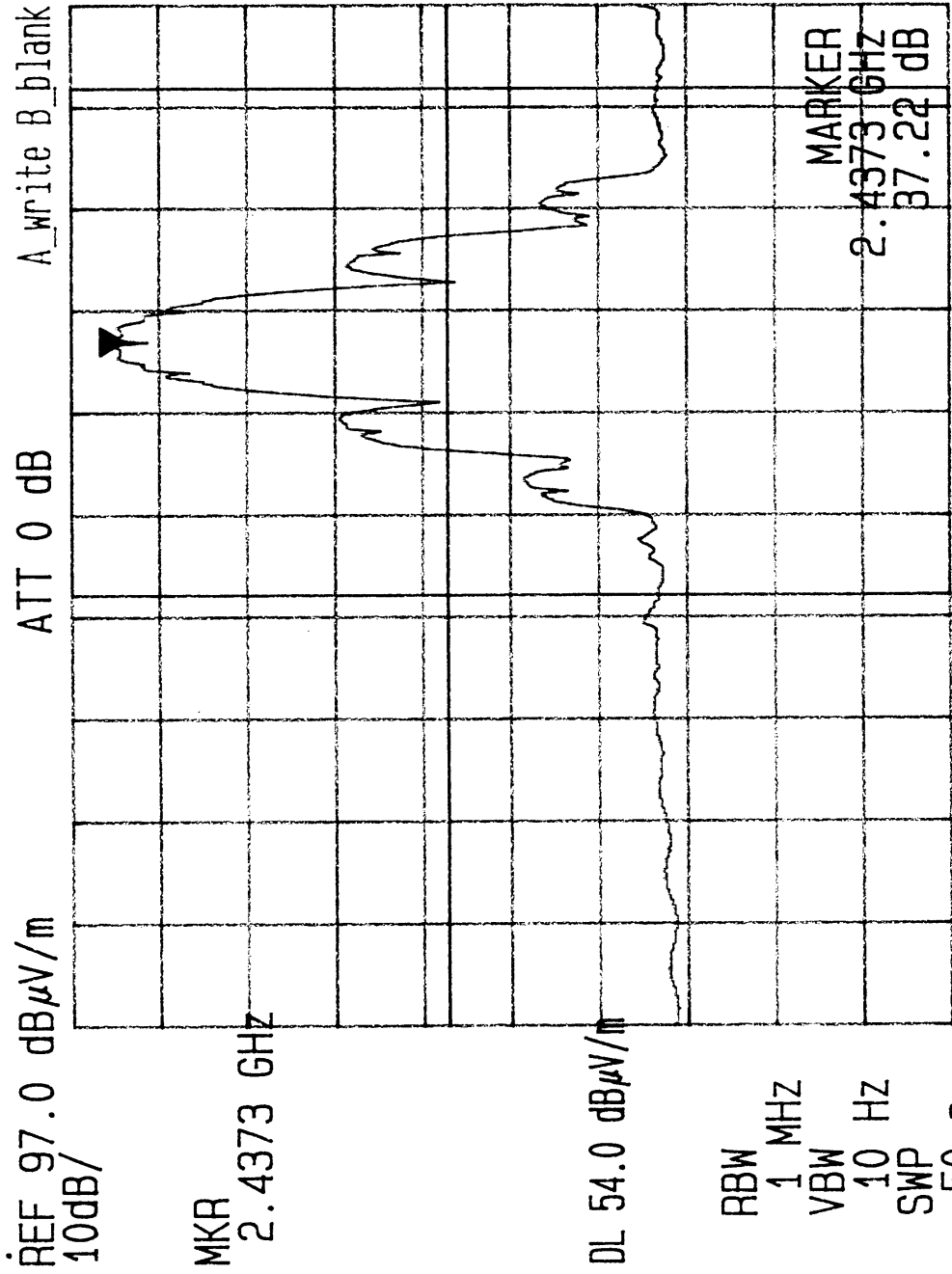
JA-1652



DATA SHEET 6.4.3-18



TEST: RESTRICTED BANDS EUT: Intersil PRISM II S/N: 9936-0035
 FREQ: 2.31G-2.50GHZ SPEC: 15.247 ANT.HT/POL: 2.0M V
 DETECT: AVERAGE LINE UNDER TEST: 2.4373GHz (1Mbps) EUT POSITION: 1800
 DATE: 10-5-99 TEST SITE: 3-METER TESTER: [Signature]

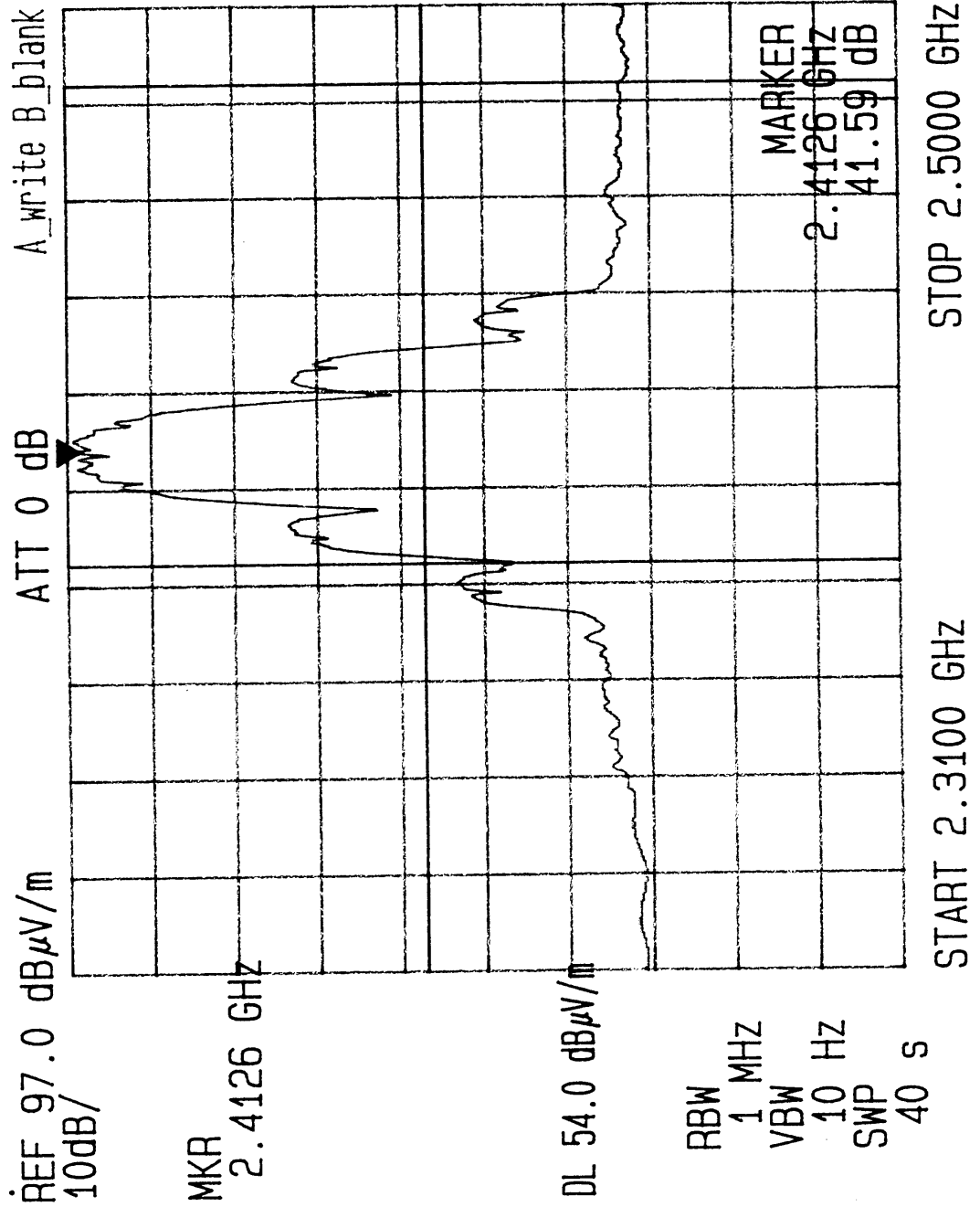


START 2.3100 GHZ STOP 2.5000 GHZ

JA-1652

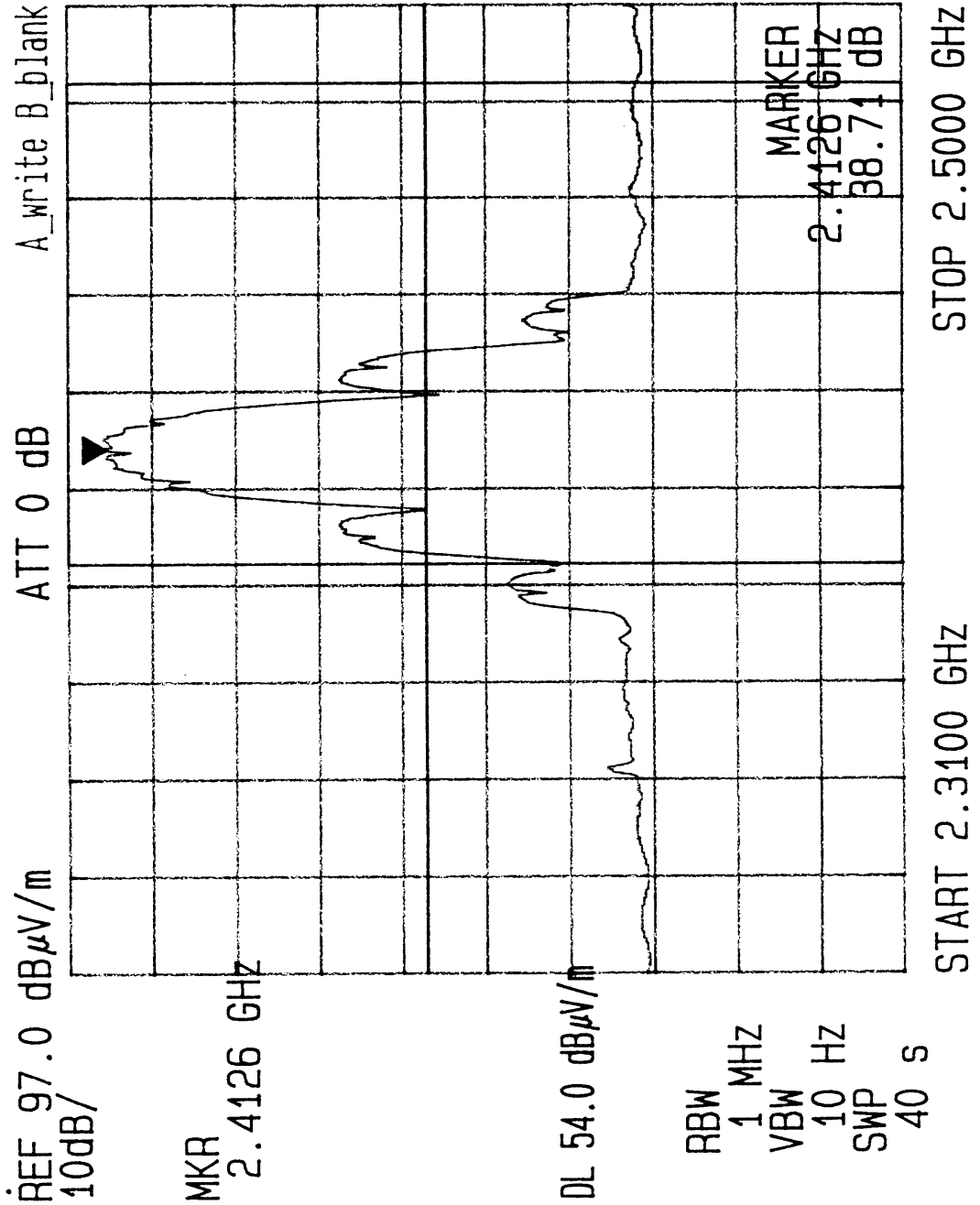


TEST: RESTRICTED BANDS EUT: Intersil PRISM II S/N: 9936-0035
 FREQ: 2.31G-2.50GHZ SPEC: 15.247 ANT.HT/POL: 2.0m\ H
 DETECT: AVERAGE LINE UNDER TEST: 2.412G (1Mbps) EUT POSITION: 90°
 DATE: 10-4-99 TEST SITE: 3-METER TESTER: *ABZ*





TEST: RESTRICTED BANDS EUT: Intersil PRISM II S/N: 9936-0035
 ANT. HT/POL: 2.0μ V
 ANT. HT/POL: 2.0μ V
 DETECT: AVERAGE LINE UNDER TEST: 2.412G (1Mbps) EUT POSITION: /35°
 DATE: 10-4-99 TEST SITE: 3-METER TESTER: AD



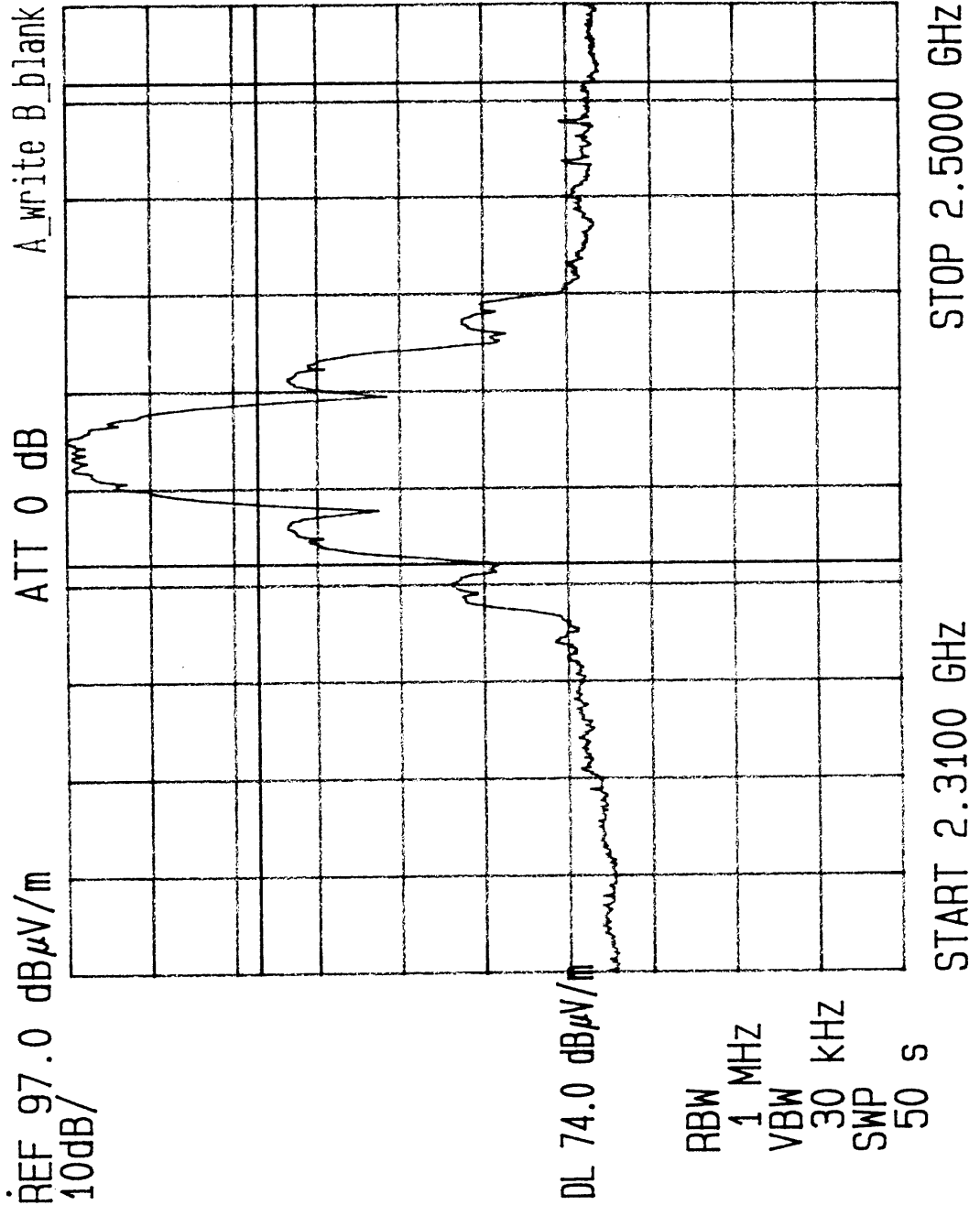
JA-1652

DATA SHEET 6.4.3-21



TEST: RESTRICTED BANDS EUT: Intersil PRISM II S/N: 9936-0035
 FREQ: 2.31G-2.50GHZ SPEC: 15.247 ANT.HT/POL: 2.0m H
 DETECT: PEAK LINE UNDER TEST: 2.412G (1Mbps) EUT POSITION: 90°
 DATE: 10-4-99 TEST SITE: 3-METER TESTER: *AB*

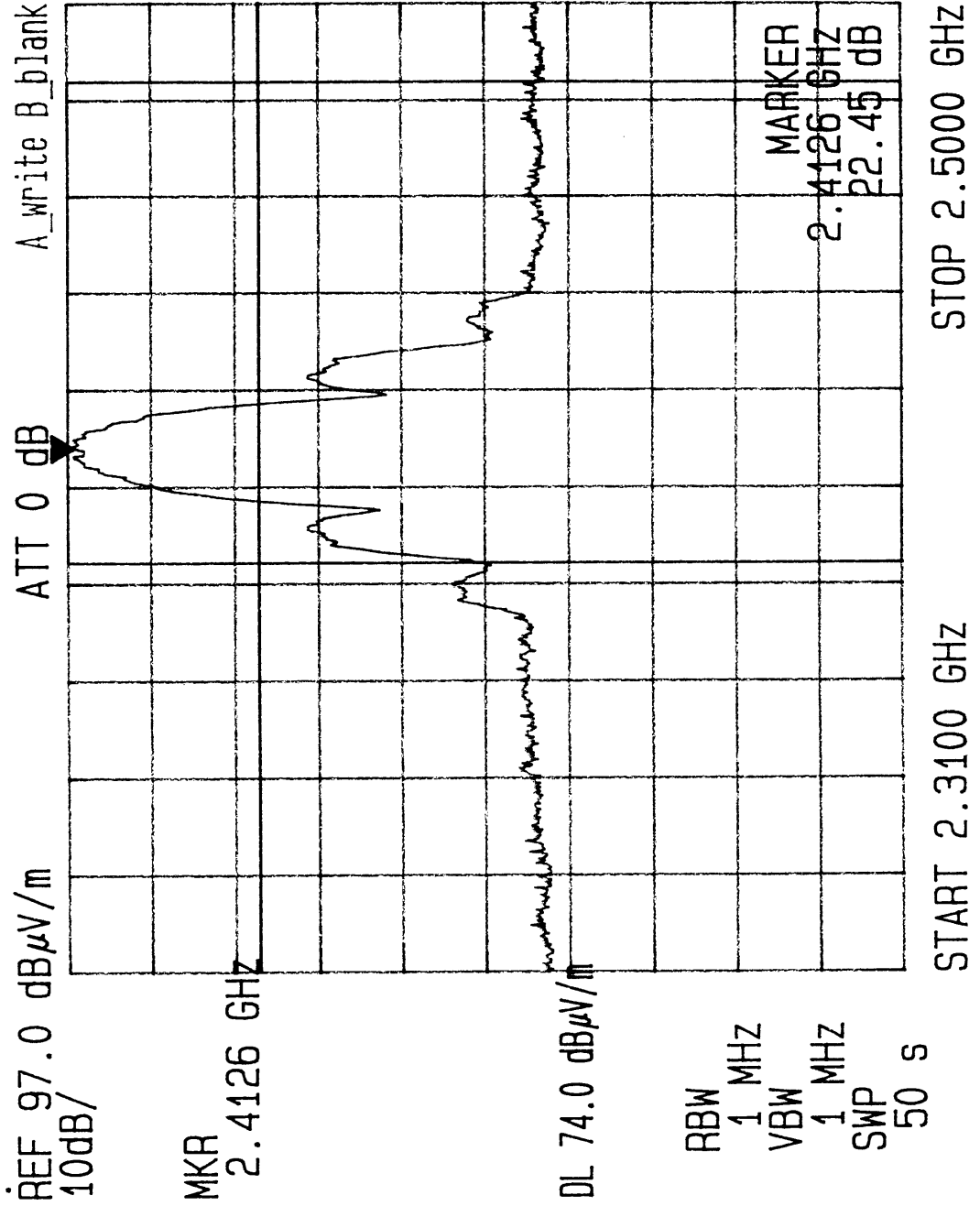
JA-1652



DATA SHEET 6.4.3-22



TEST: RESTRICTED BANDS EUT: Intersil PRISM II S/N: 9936-0035
 ANT. HT/POL: 2.0 u V
 ANT. HT/POL: 2.0 u V
 ANT. HT/POL: 2.0 u V
 DETECT: PEAK LINE UNDER TEST: 2.412G (1Mbps) EUT POSITION: 135
 DATE: 10-4-99 TEST SITE: 3-METER TESTER: *QTB*



JA-1652

DATA SHEET 6.4.3-23

6.4.4 Power Spectral Density 15.247(2)(d)

The transmitted power density averaged over a 1 second interval shall not be greater than +8dBm in any 3KHz bandwidth within the band.

The peak point was selected after a max hold was performed and the spectrum analyzer peak marker was positioned (Data Sheets 6.4.4-1 - 6.4.4-3). The peak frequency was used as the center frequency. The RBW was set to 3KHz and the span width of 1.5MHz and sweep time of 500 seconds selected (Data Sheets 6.4.4-4 - 6.4.4-6).

The results show the spectral density to be greater than 10dB below the +8dBm requirement.

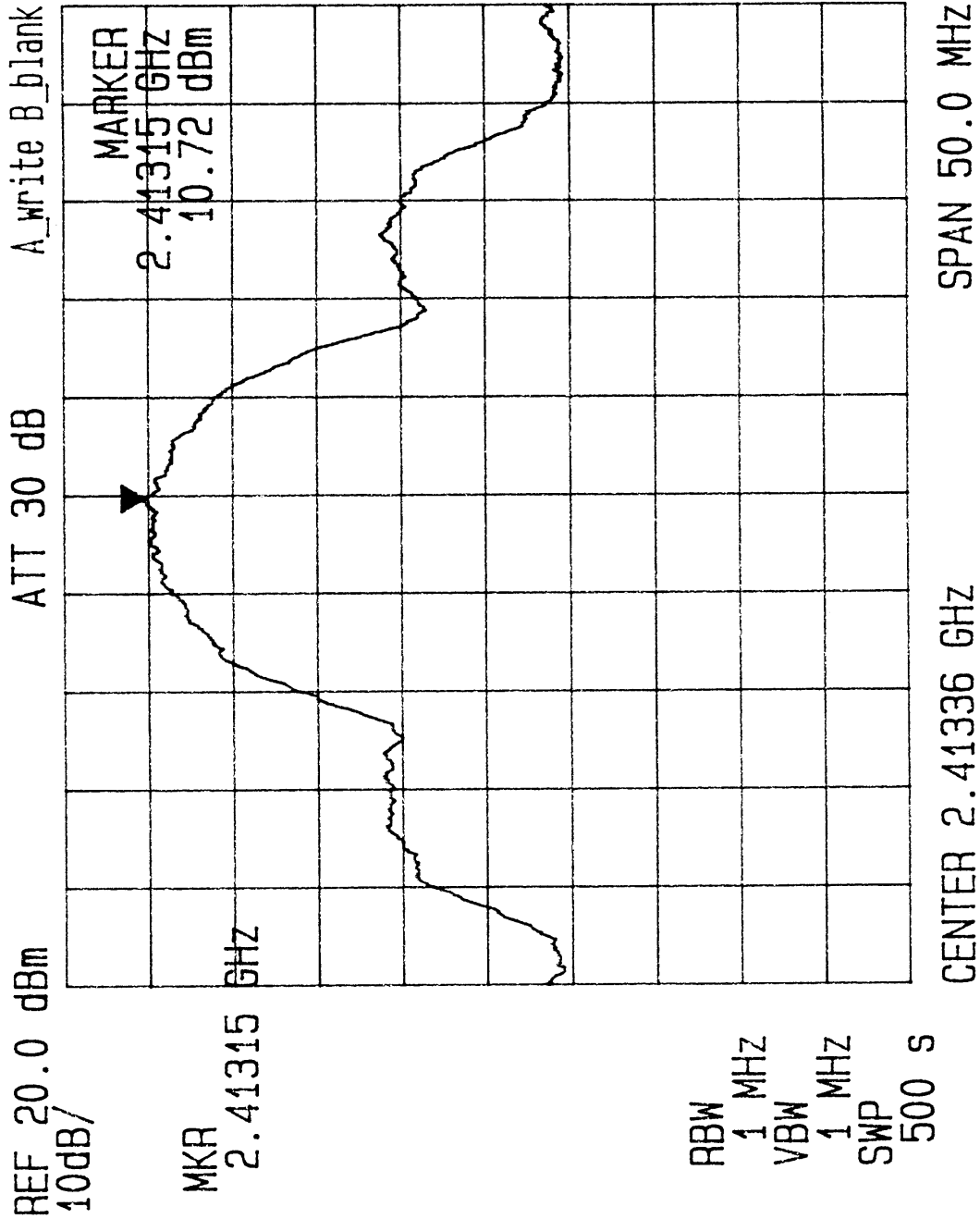
Photo 5 is representative of this setup.



PHOTO 5



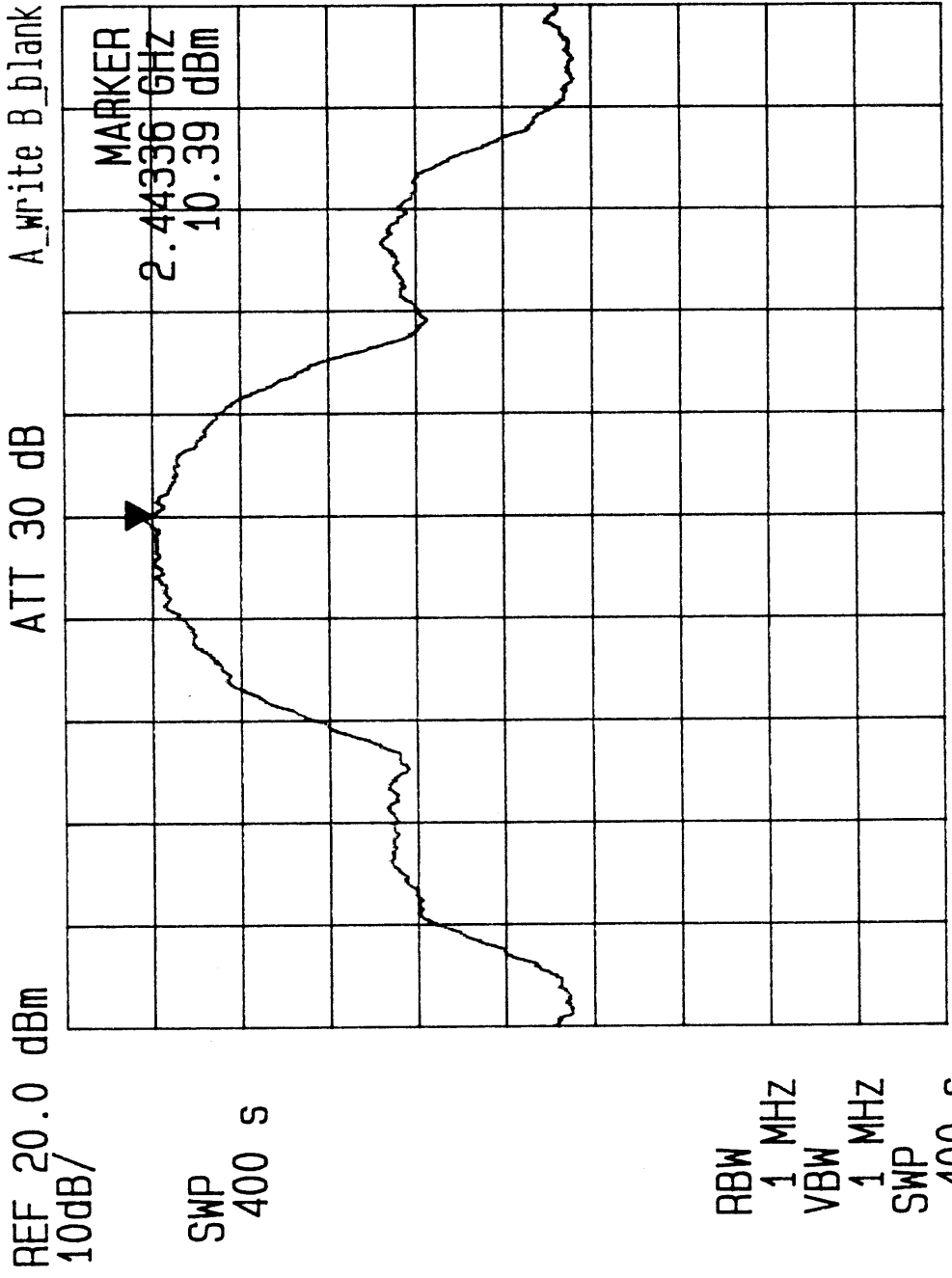
TEST: POWER DENSITY EUT: Intersil PRISM II S/N: 9936-0027
 FREQ: 2.412GHZ SPEC: 15.247 (d) ANT.HT/POL:
 DETECT: PEAK LINE UNDER TEST: 2.412G (11Mbps) EUT POSITION:
 DATE: 10-1-98 TEST SITE: ROOM 1 TESTER: *[Signature]*



DATA SHEET 6.4.4-1



TEST: POWER DENSITY EUT: Intersil PRISM II S/N: 9936-0027
 FREQ: 2.437 GHz SPEC: 15.247 (d) ANT.HT/POL:
 DETECT: PEAK LINE UNDER TEST: 2.437G (11Mbps) EUT POSITION:
 DATE: 10-1-99 TEST SITE: ROOM 1 TESTER: *[Signature]*

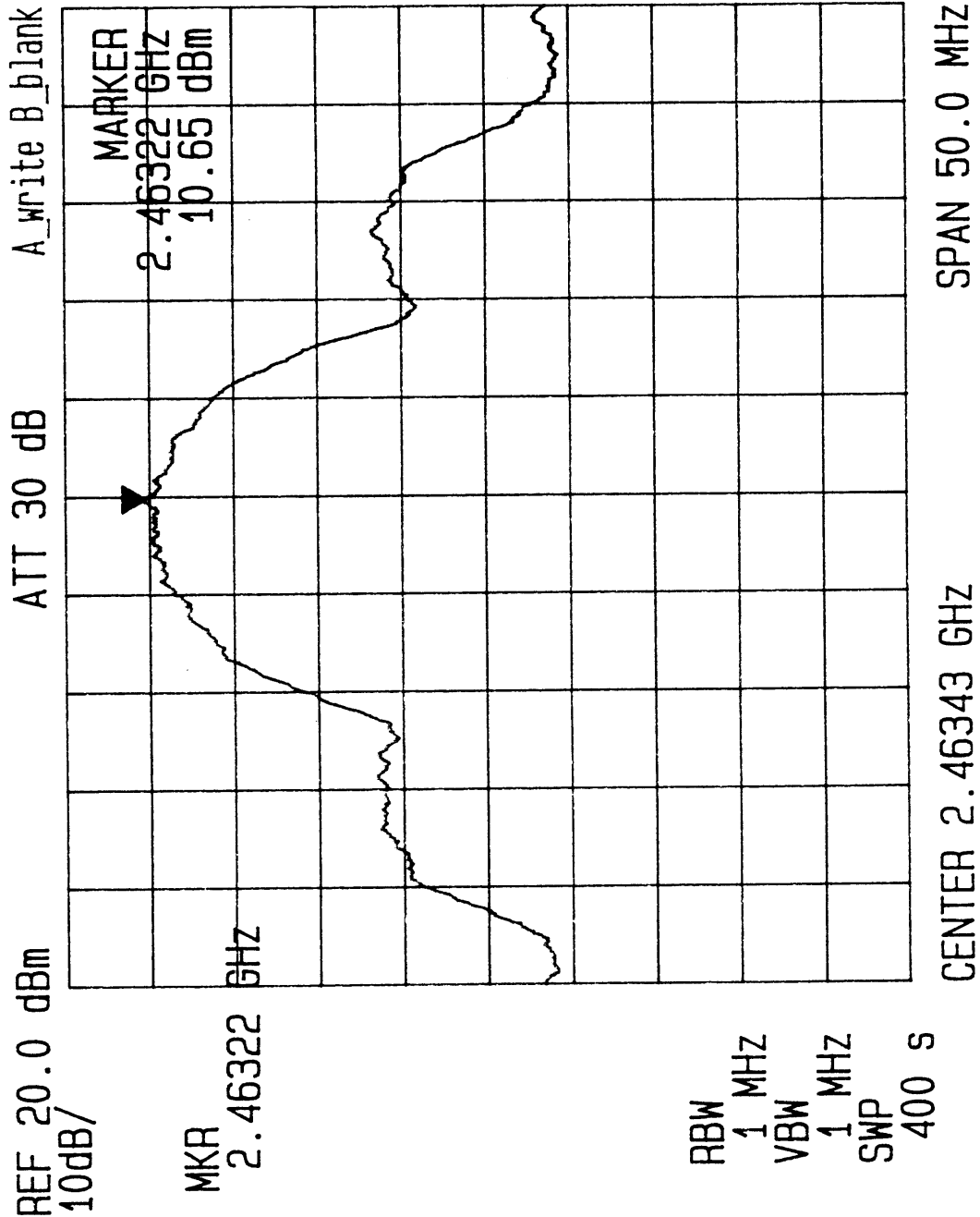


JA-1652

DATA SHEET 6.4.4-2



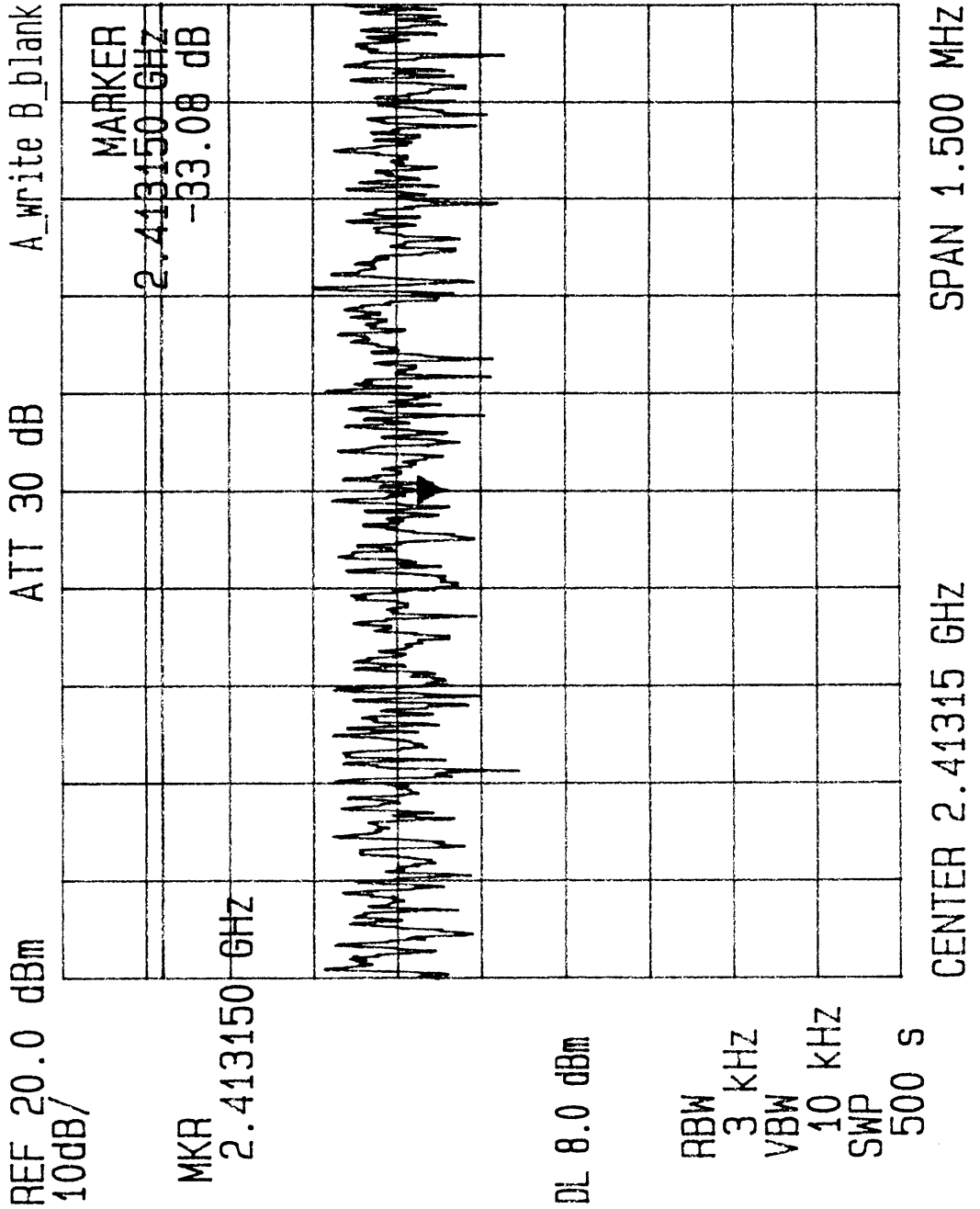
TEST: POWER DENSITY EUT: Intersil PRISM II S/N: 9936-0027
 FREQ: 2.462 GHz SPEC: 15.247 (d) ANT. HT/POL:
 DETECT: PEAK LINE UNDER TEST: 2.462G (11Mbps) EUT POSITION:
 DATE: 10-1-95 TEST SITE: ROOM 1 TESTER: *AB*



DATA SHEET 6.4.4-3



TEST: POWER DENSITY EUT: Intersil PRISM II S/N: 9936-0027
 ANT. HT/POL:
 FREQ: 2.412 GHz SPEC: 15.247 (d)
 DETECT: PEAK LINE UNDER TEST: 2.412G (11Mbps) EUT POSITION:
 DATE: 10-1-99 TEST SITE: ROOM 1 TESTER: *[Signature]*





TEST: POWER DENSITY EUT: Intersil PRISM II S/N: 9936-0027
 FREQ: 2.437GHz SPEC: 15.247 (d) ANT. HT/POL:
 DETECT: PEAK LINE UNDER TEST: 2.437G (11Mbps) EUT POSITION:
 DATE: 10-1-97 TEST SITE: ROOM 1 TESTER: AS

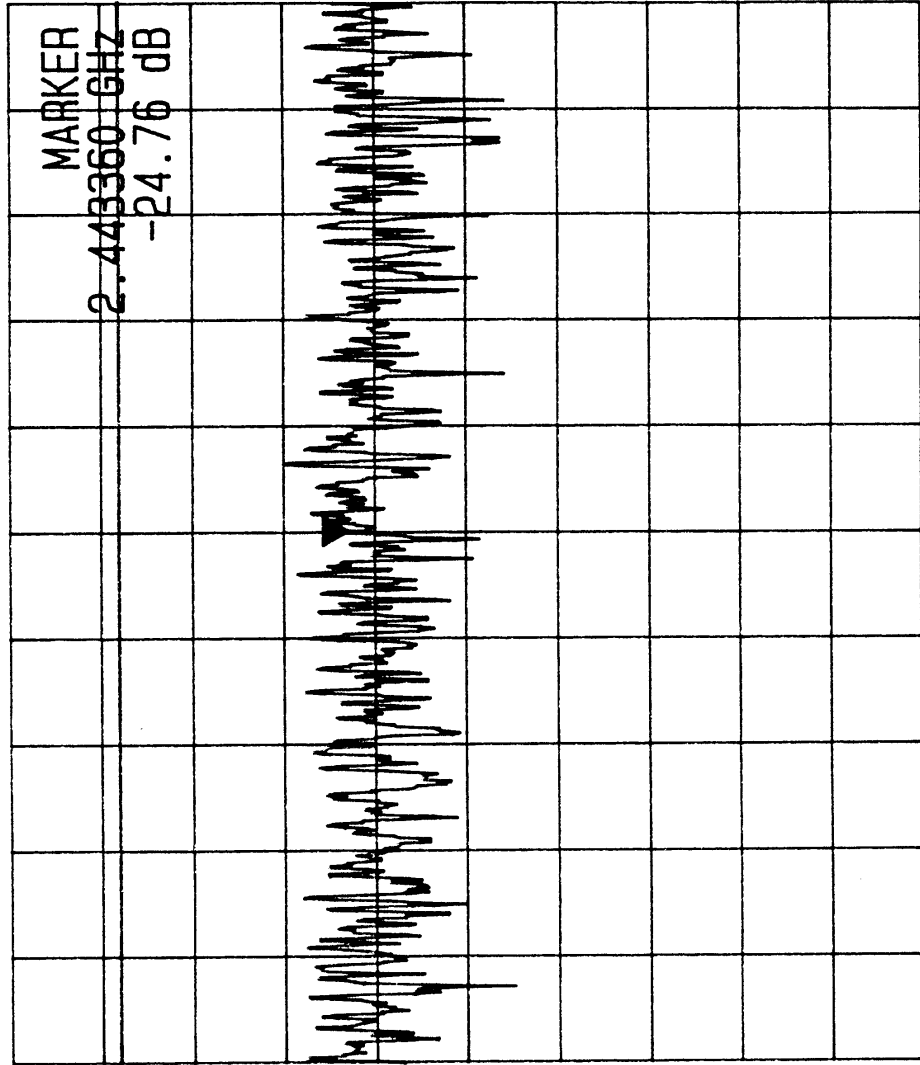
REF 20.0 dBm ATT 30 dB A_write B_blank

10dB/

DSP LINE
8.0 dBm

DL 8.0 dBm

RBW 3 KHZ
VBW 10 KHZ
SWP 400 S



CENTER 2.44336 GHz SPAN 1.500 MHz

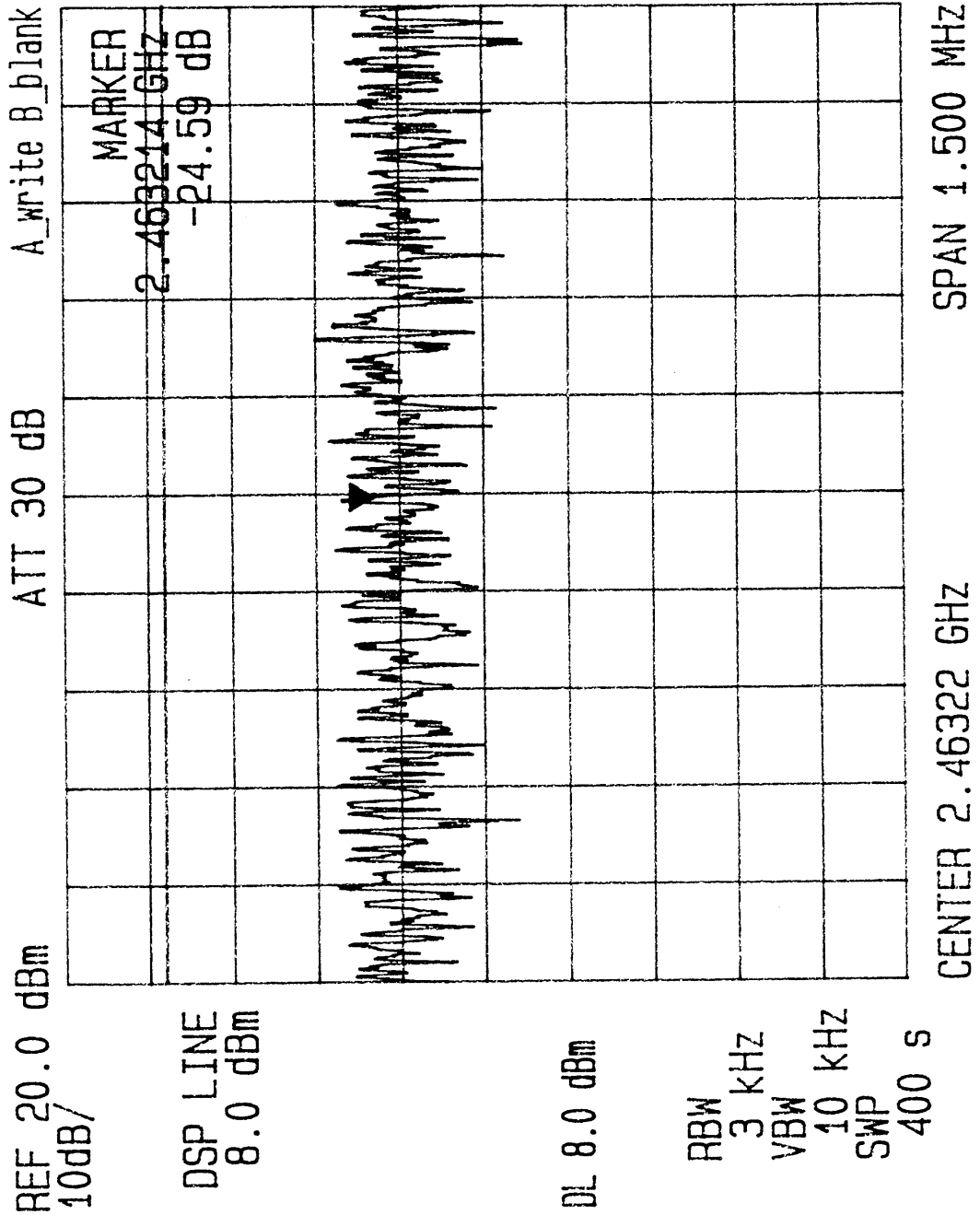
JA-1652

DATA SHEET 6.4.4-5



TEST: POWER DENSITY EUT: Intersil PRISM II S/N: 9936-0027
 FREQ: 2.462 GHz SPEC: 15.247 (d) ANT. HT/POL:
 DETECT: PEAK LINE UNDER TEST: 2.462G (11Mbps) EUT POSITION:
 DATE: 10-1-99 TEST SITE: ROOM 1 TESTER: AB

JA-1652



DATA SHEET 6.4.4-6

APPENDIX A
COMPLIANCE LETTER

FEDERAL COMMUNICATIONS COMMISSION

7435 Oakland Mills Road
Columbia, MD 21046
Telephone: 301-725-1585 (ext-218)
Facsimile: 301-344-2050

December 5, 1996

IN REPLY REFER TO
31040/SIT
1300F2

Rubicom Systems, Inc.
284 West Drive, Suite B
Melbourne, FL 32904

Attention: Joseph G. Barbee

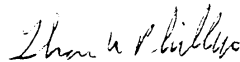
Re: Measurement facility located at above address
(3 meter site)

Gentlemen:

Your submission of the description of the subject measurement facility has been reviewed and found to be in compliance with the requirements of Section 2.948 of the FCC Rules. The description has, therefore, been placed on file and the name of your organization added to the Commission's list of facilities whose measurement data will be accepted in conjunction with applications for certification or notification under Parts 15 or 18 of the Commission's Rules. Our list will also indicate that the facility complies with the radiated and AC line conducted test site criteria in ANSI C63.4-1992. Please note that this filing must be updated for any changes made to the facility, and at least every three years the data on file must be certified as current.

Per your request, the above mentioned facility has been also added to our list of those who perform these measurement services for the public on a fee basis. This list is published periodically and is also available on the Laboratory's Public Access Link as described in the enclosed Public Notice.

Sincerely,



Thomas W. Phillips
Electronics Engineer
Customer Service Branch

Enclosure:
PAL PN