

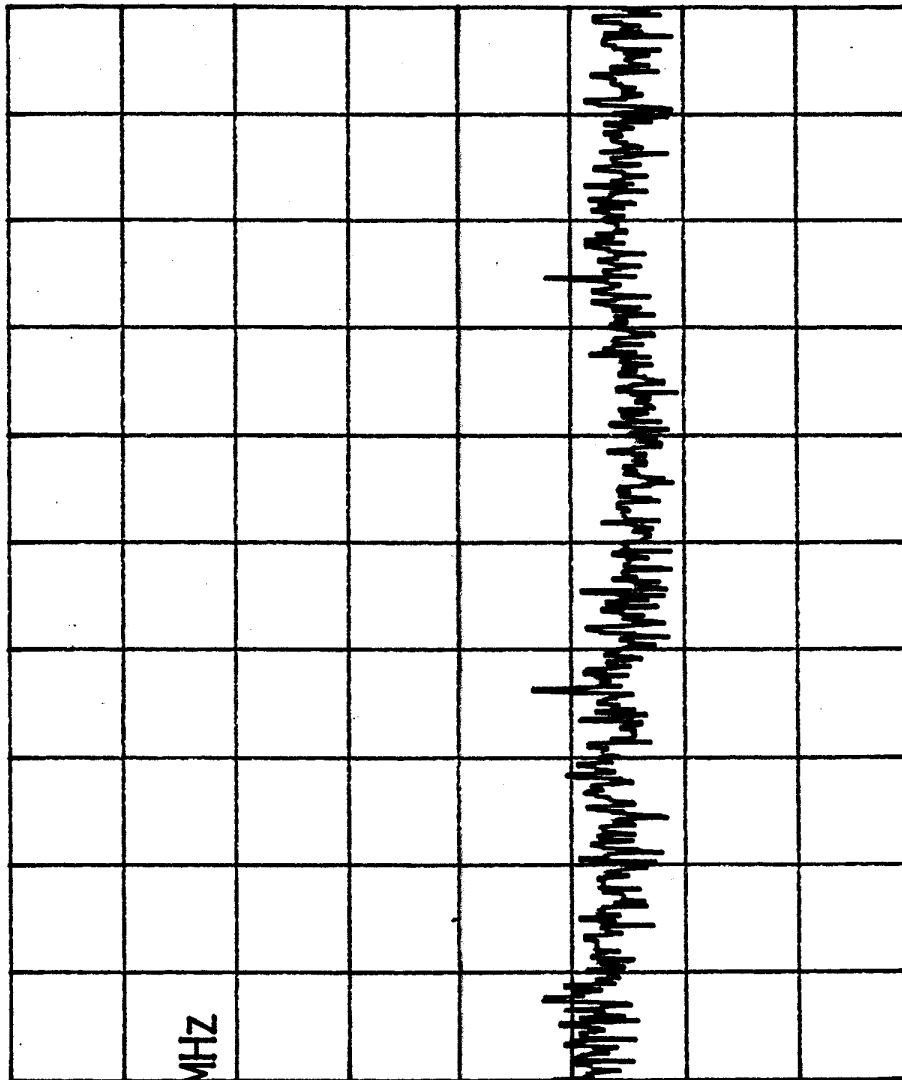


TEST: FCC RADIATED EUT: GE/HARRIS C.C.U. S/N: 1016
FREQ: 30M-100MHZ SPEC: 15.247 ANT.HT/POL: 1M/ H
DETECTOR: PEAK LINE UNDER TEST: N/A EUT POSITION: FRONT
DATE: 03/01/94 TEST SITE: ROOM 1 TESTER: *[Signature]*

JA-1625

REF 80.0 dB μ V ATT 0 dB A_write B_blank
10dB/

START
30.00 MHz



RBW 120 KHZ
VBW 1 MHz
SWP 50 ms

START 30.00 MHz STOP 100.00 MHz

DATA SHEET 6.3.1-1



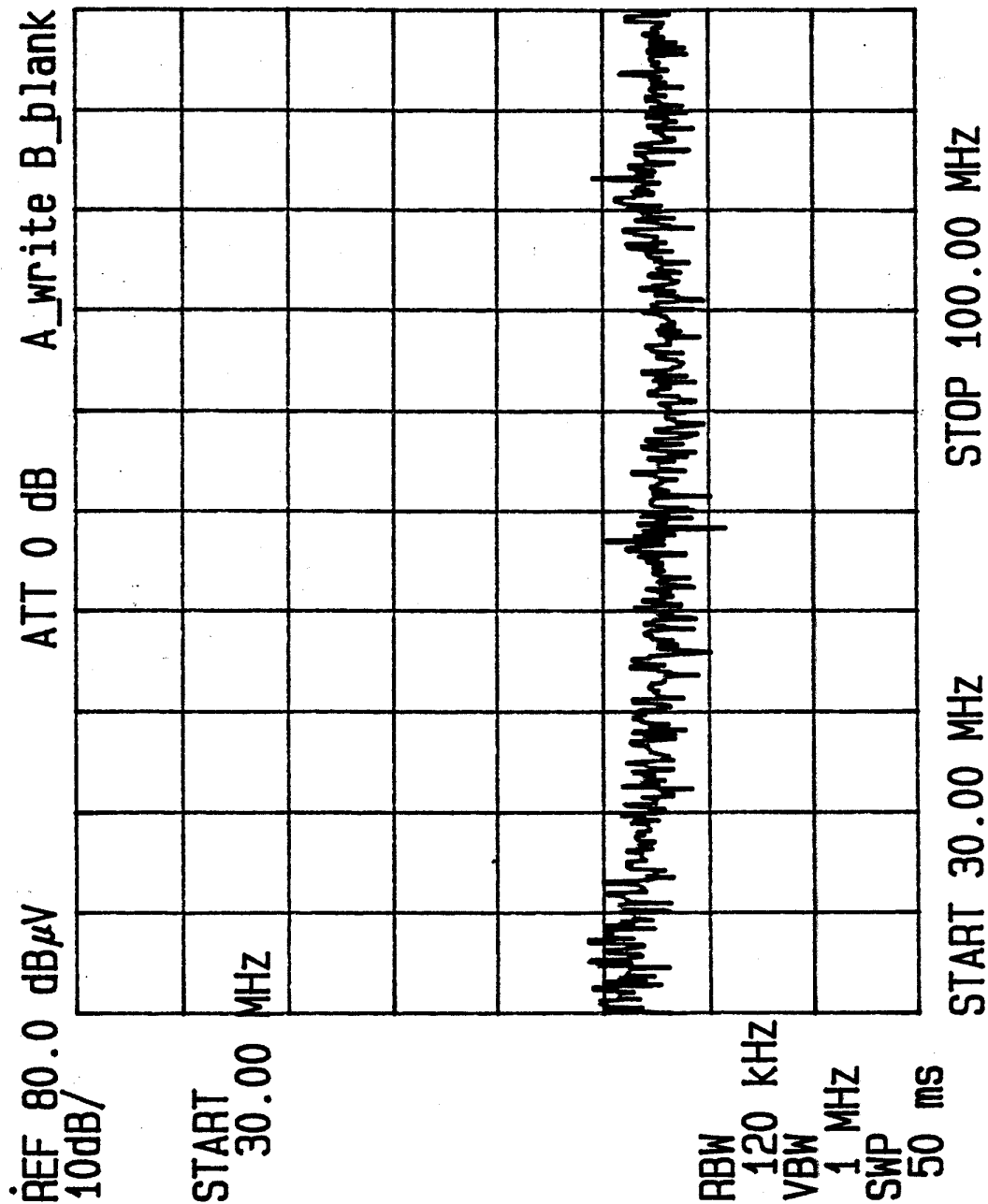
TEST: FCC RADIATED EUT: GE/HARRIS C.C.U. S/N: 1016
FREQ: 30M-100MHz SPEC: 15.247 ANT.HT/POL: 1M/ V
DETECTOR: PEAK LINE UNDER TEST: N/A EUT POSITION: FRONT
DATE: 03/01/99 TEST SITE: ROOM 1 TESTER:

DATA SHEET 6.3.1-2

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[2]

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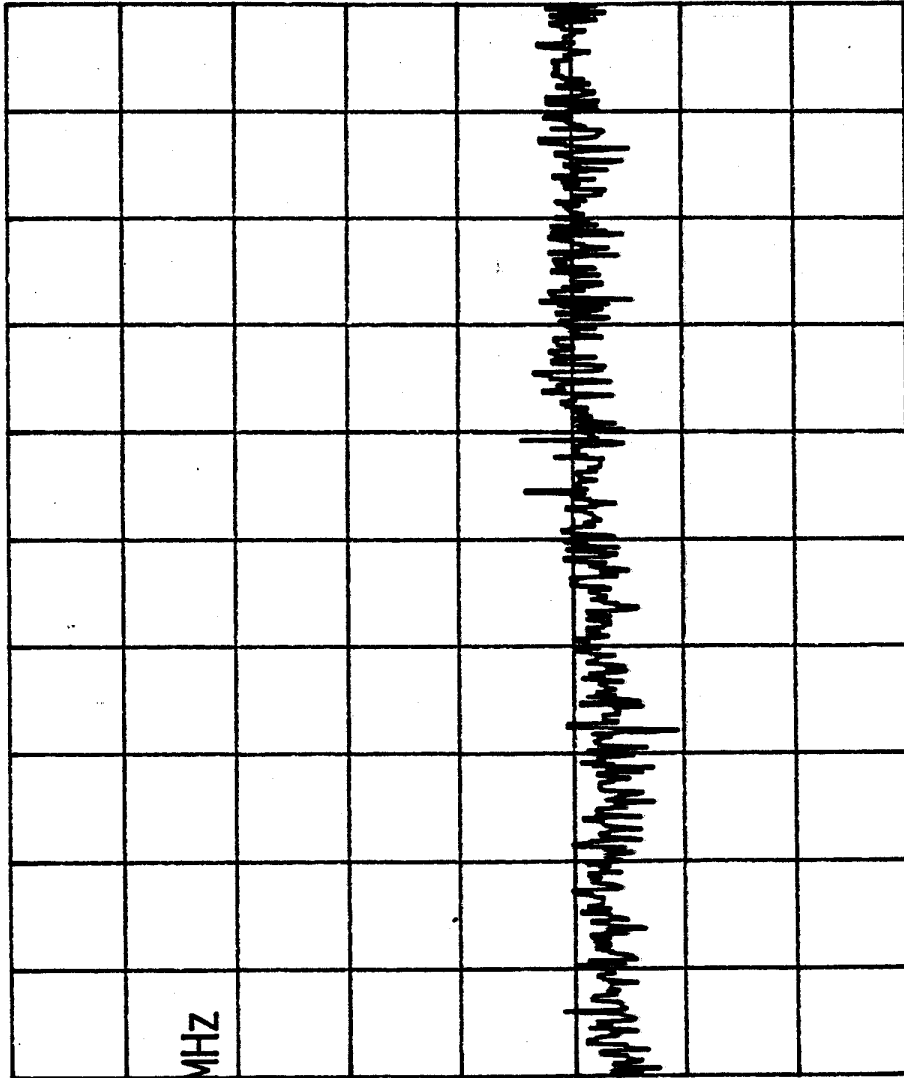
TEST: FCC RADIATED EUT: GE/HARRIS C.C.U. S/N: 1016
FREQ: 100M-200MHz SPEC: 15.247 ANT.HT/POL: 1M/ H
DETECTOR: PEAK LINE UNDER TEST: N/A EUT POSITION: FRONT
DATE: 03/01/99 TEST SITE: ROOM 1 TESTER: *[Signature]*

[3]

JA-1625

REF 80.0 dB μ V ATT 0 dB A_write B_blank
10dB/

START
100.0 MHz



RBW 120 kHz
VBW 1 MHz
SWP 50 ms

START 100.0 MHz STOP 200.0 MHz

DATA SHEET 6.3.1-3

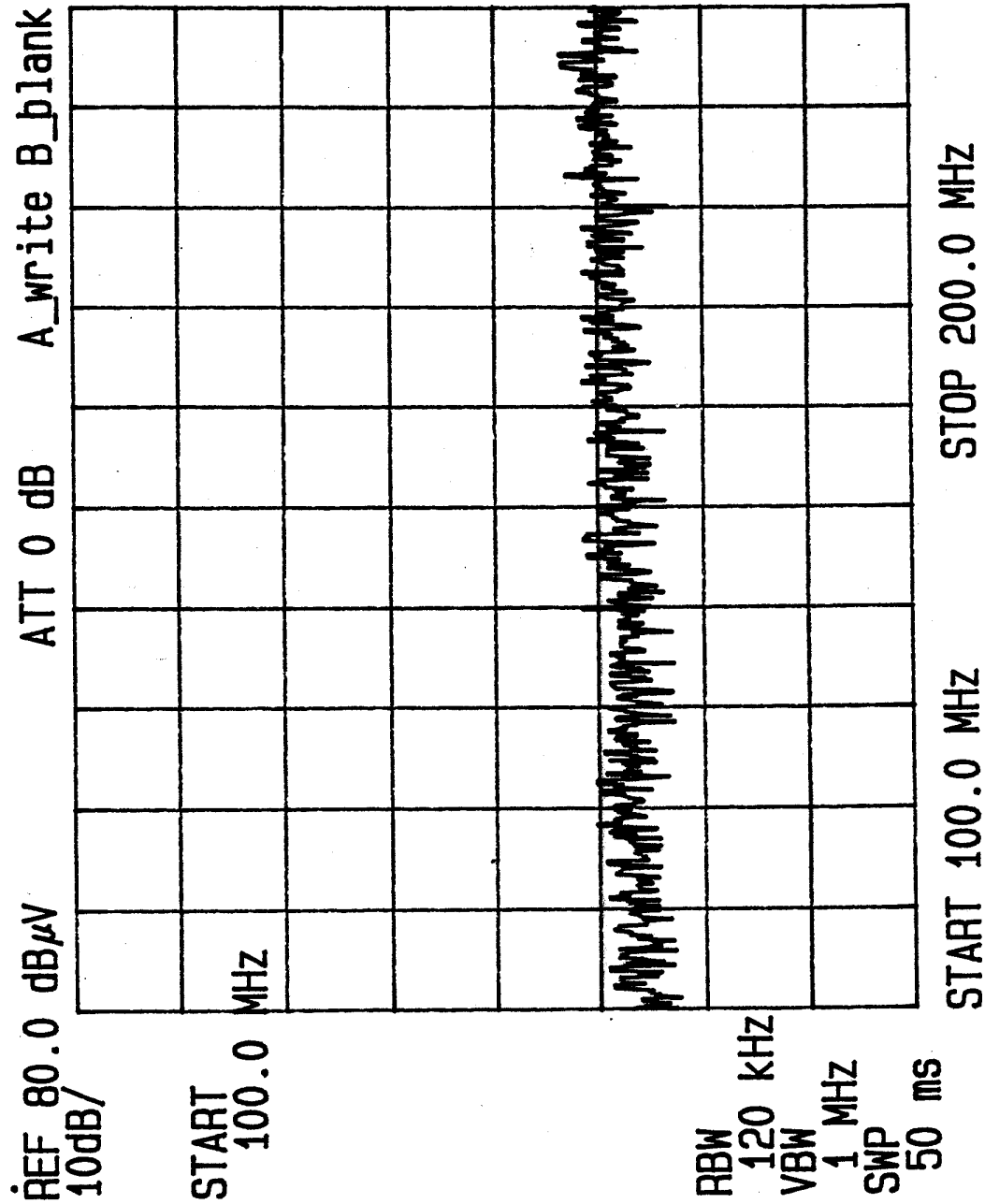


TEST: FCC RADIATED EUT: GE/HARRIS C.C.U. S/N: 1016
FREQ: 100M-200MHz SPEC: 15.247 ANT. HT/POL: 1M/ V
DETECTOR: PEAK LINE UNDER TEST: N/A EUT POSITION: FRONT
DATE: 03/01/99 TEST SITE: ROOM 1 TESTER: *[Signature]*

DATA SHEET 6.3.1-4

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JA-1625

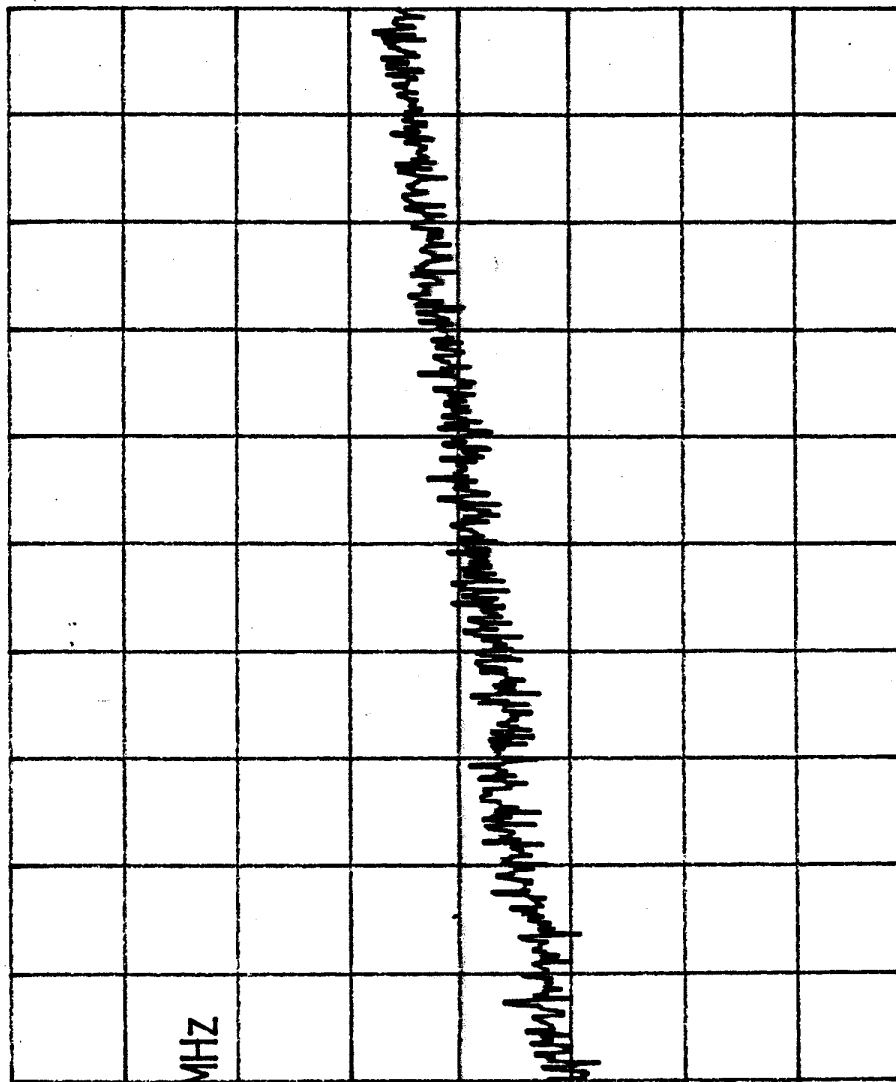




TEST: FCC RADIATED EUT: GE/HARRIS C.C.U. S/N: 1016
FREQ: 200M-1GHZ SPEC: 15.247 ANT. HT/POL: 1M/ H
DETECTOR: PEAK LINE UNDER TEST: N/A EUT POSITION: FRONT
DATE: 03/01/99 TEST SITE: ROOM 1 TESTER: *[Signature]*

REF 80.0 dB μ V ATT 0 dB A_write B_blank
10dB/

START
200.0 MHz



RBW 120 KHZ
VBW 1 MHz
SWP 120 ms

START 200.0 MHz STOP 1.0000 GHZ

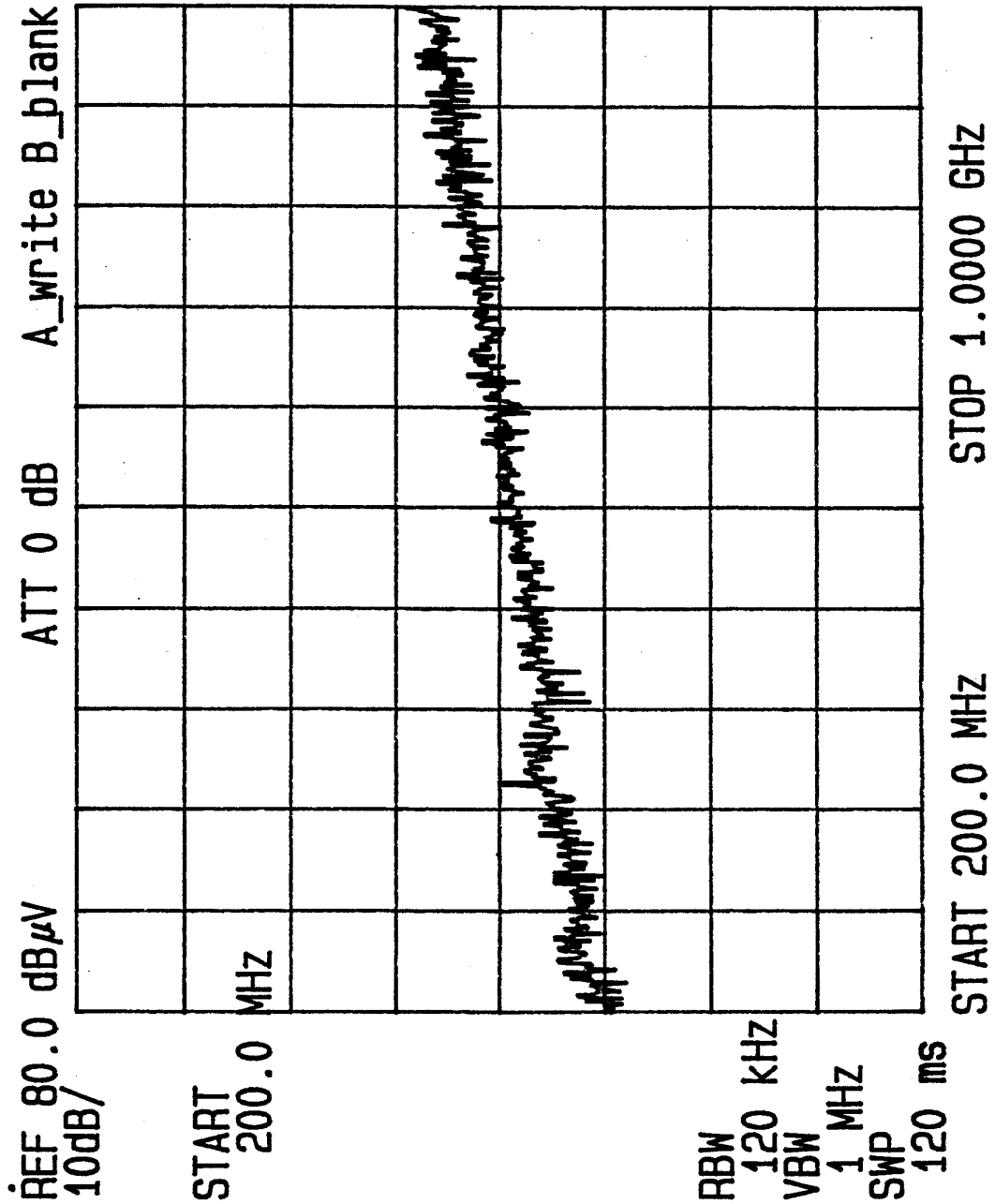
DATA SHEET 6.3.1-5



TEST: FCC RADIATED EUT: GE/HARRIS C.C.U. S/N: 1016
FREQ: 200M-1GHz SPEC: 15.247 ANT.HT/POL: 1M/ V
DETECTOR: PEAK LINE UNDER TEST: N/A EUT POSITION: FRONT
DATE: 03/01/99 TEST SITE: ROOM 1 TESTER: *[Signature]*

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JA-1625



DATA SHEET 6.3.1-6

6.3.2 Radiated Emissions 15.209/15.205

Radiated emissions were performed over the range of 30MHz to 25GHz to include the 10th harmonic of the transmitter. Tabulated data for the signals detected are presented in Table 6.3.2-1. Plots of the 30MHz-1GHz range are presented in Data Sheets 6.3.2-1 and 6.3.2-2. No signals were found in this range.

Close-in measurement plots of the transmitter min, mid and high channels are shown in Data Sheets 6.3.2-3 through 6.3.2-8. These plots are to show compliance with the restricted bands at 2.390GHz and 2.4835GHz. These graphs are in peak without the duty factor offset. As can be seen the levels are well within the peak criteria and with the -20dB offset for duty cycle the average level is compliant.

The duty cycle value is determined as follows:

Maximum numbers of bytes in a packet = $567 \times 8 \text{ bit/byte} = 4536 \times 1\mu\text{sec} = 4.536\text{msec}$. Outbound and inbound packets = $2 \times 4.536\text{msec} = 9.072\text{msec}$ in 300m = 3.024%.

Maximum allowable duty cycle factor = 20dB.

Table 6.3.2-1 presents the detected signals through the 3rd harmonic for the min, mid and max channels. No signals were detected above the second harmonic.

Data plots are presented in three groups:

Data Sheets 6.3.2-1 and 6.3.2-2 30MHz-1GHz Quasi Peak Detector
 Data Sheets 6.3.2-3 - 6.3.2-8 Close-in TX Frequency
 Data Sheets 6.3.2-9 - 6.3.2-14 Peak Sweeps 1G-25GHz
 Data Sheets 6.3.2-15 - 6.3.2-26 Average Sweeps 1G-25GHz

JA-1625

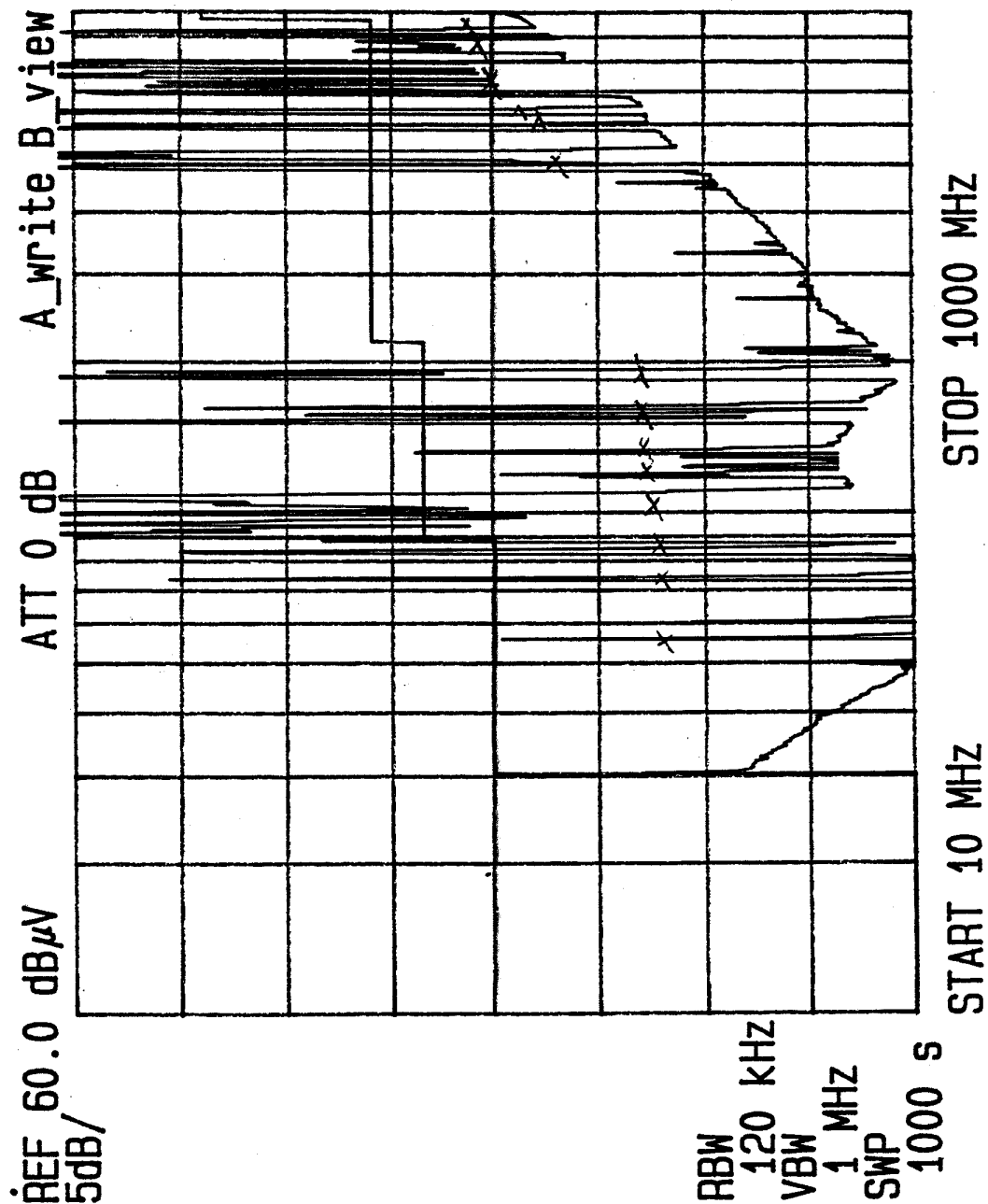
TABULATED LIST

Duty Cycle Factor = 20dB

	Pol.	Meter Reading	Attn. Factor	Cable Loss	Gain	Cor. Level Peak	Cor. Level Average
2412	H	79	29.2	3.6	0	111.8	
2412	V	69	29.2	3.6	0	101.8	
2438	H	77	29.2	3.6	0	109.8	
2438	V	70	29.2	3.6	0	102.8	
2467	H	78	29.2	3.6	0	110.8	
2467	V	67	29.2	3.6	0	99.8	
4824	H	40	34	5.0	-20	59.0	39.0
4824	V	40	34	5.0	-20	59.0	39.0
4876	H	44.1	34	5.0	-20	63.1	43.0
4876	V	41.0	34	5.0	-20	60.0	50.2
4934	H	41.5	34	5.0	-20	60.5	50.5
4934	V	40	34	5.0	-20	59.0	39.0
7236	H	40	36	11.7	-20	67.7	47.7
7236	V	40	36	11.7	-20	67.7	47.7
7314	H	40	36	11.7	-20	67.7	47.7
7314	V	40	36	11.7	-20	67.7	47.7
7401	H	40	36	11.7	-20	67.7	47.7
7401	V	40	36	11.7	-20	67.7	47.7



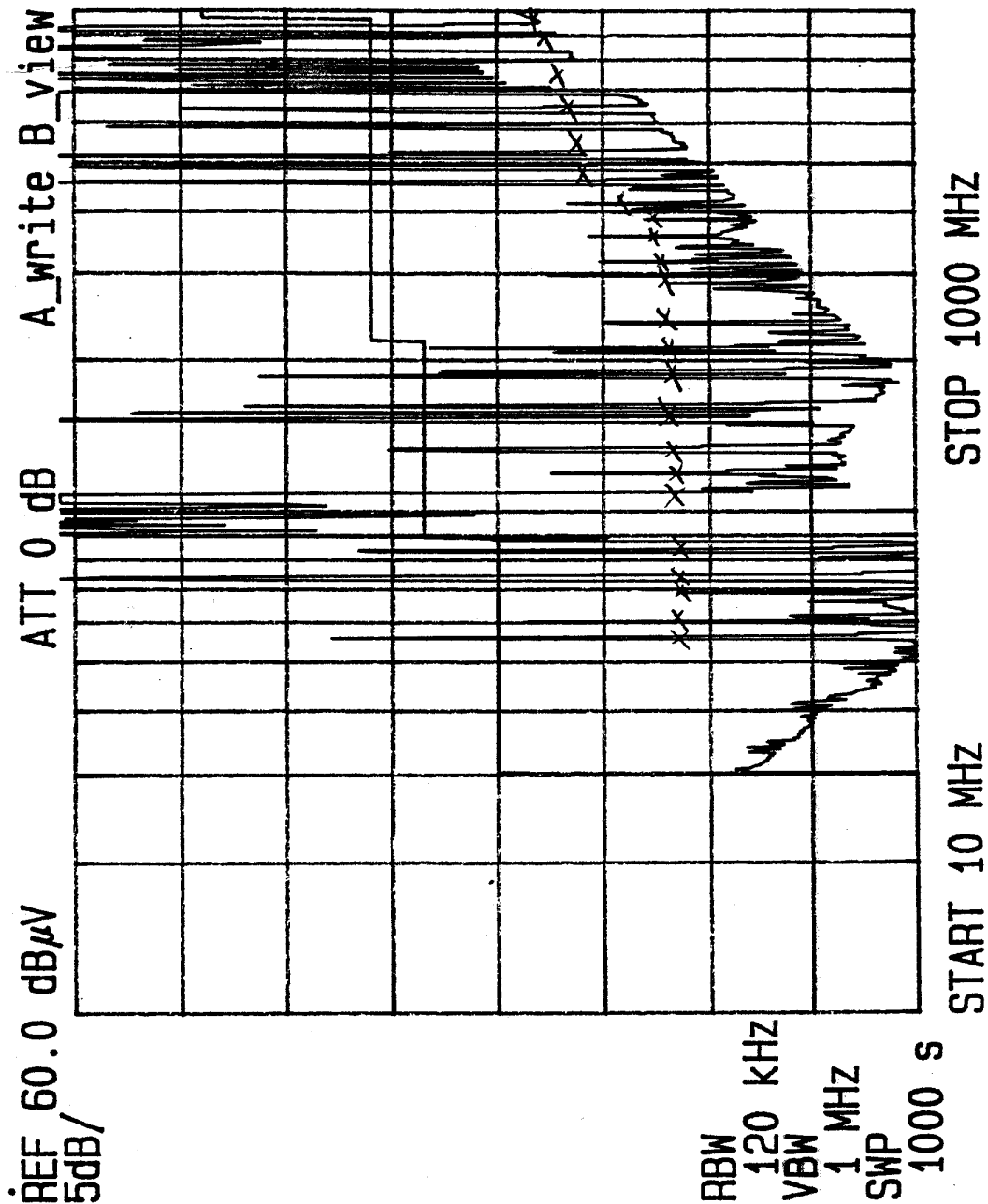
TEST: FCC RADIATED EUT: GE/HARRIS C.C.U. S/N: 1016
FREQ: 30M-1GHZ SPEC: 15.247 ANT.HT/POL: 1.5m\ H
DETECTOR: QUASI PEAK LINE UNDER TEST: N/A EUT POSITION: 0°
DATE: 5-2-99 TEST SITE: 3 METER TESTER: AB



DATA SHEET 6.3.2-1



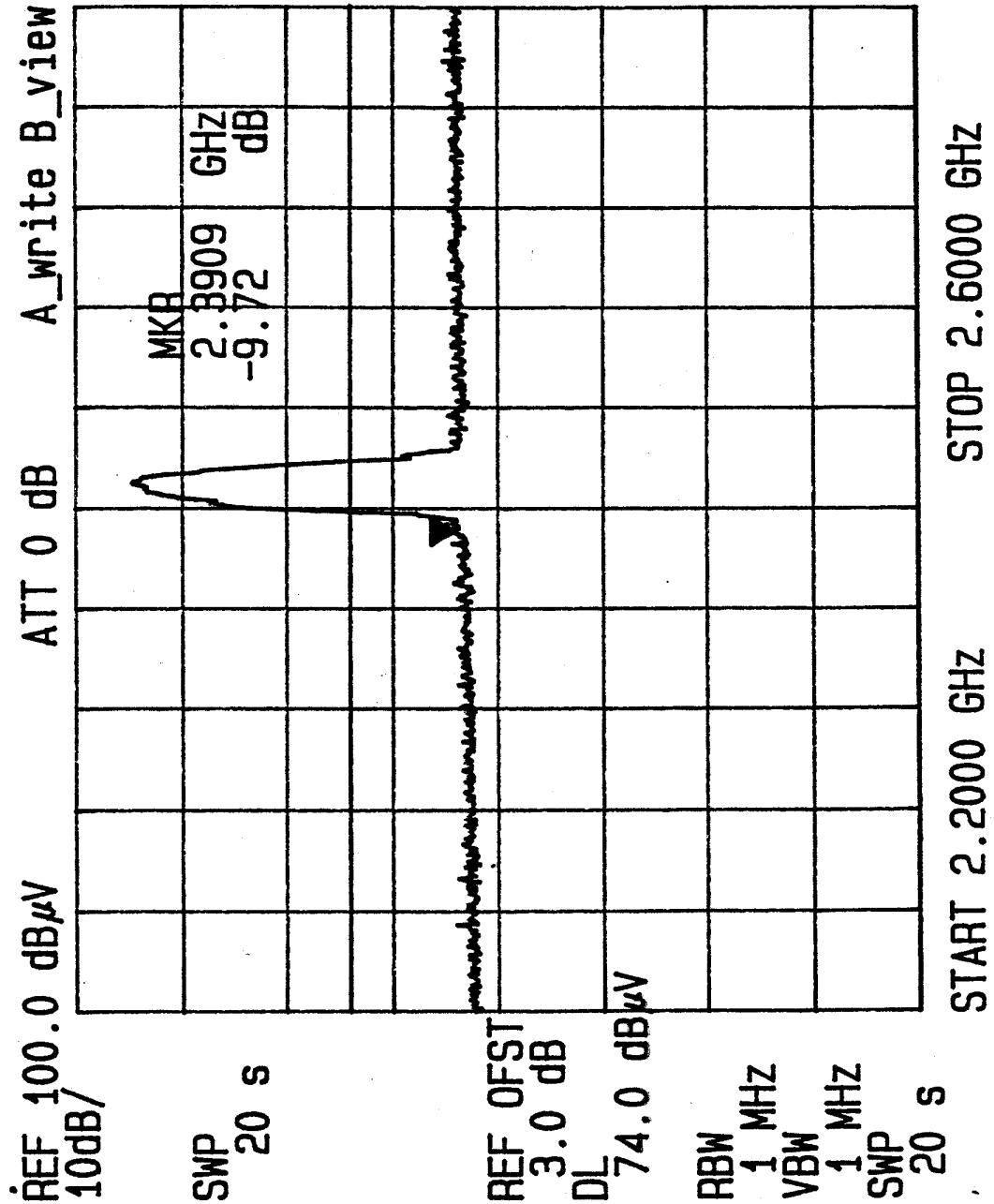
TEST: FCC RADIATED EUT: GE/HARRIS C.C.U. S/N: 1016
FREQ: 30M-1GHZ SPEC: 15.247 ANT. HT/POL: 1.75m V
DETECTOR: QUASI PEAK LINE UNDER TEST: N/A EUT POSITION: 0°
DATE: 3-2-99 TEST SITE: 3 METER TESTER: *AB*



DATA SHEET 6.3.2-2

JA-1625

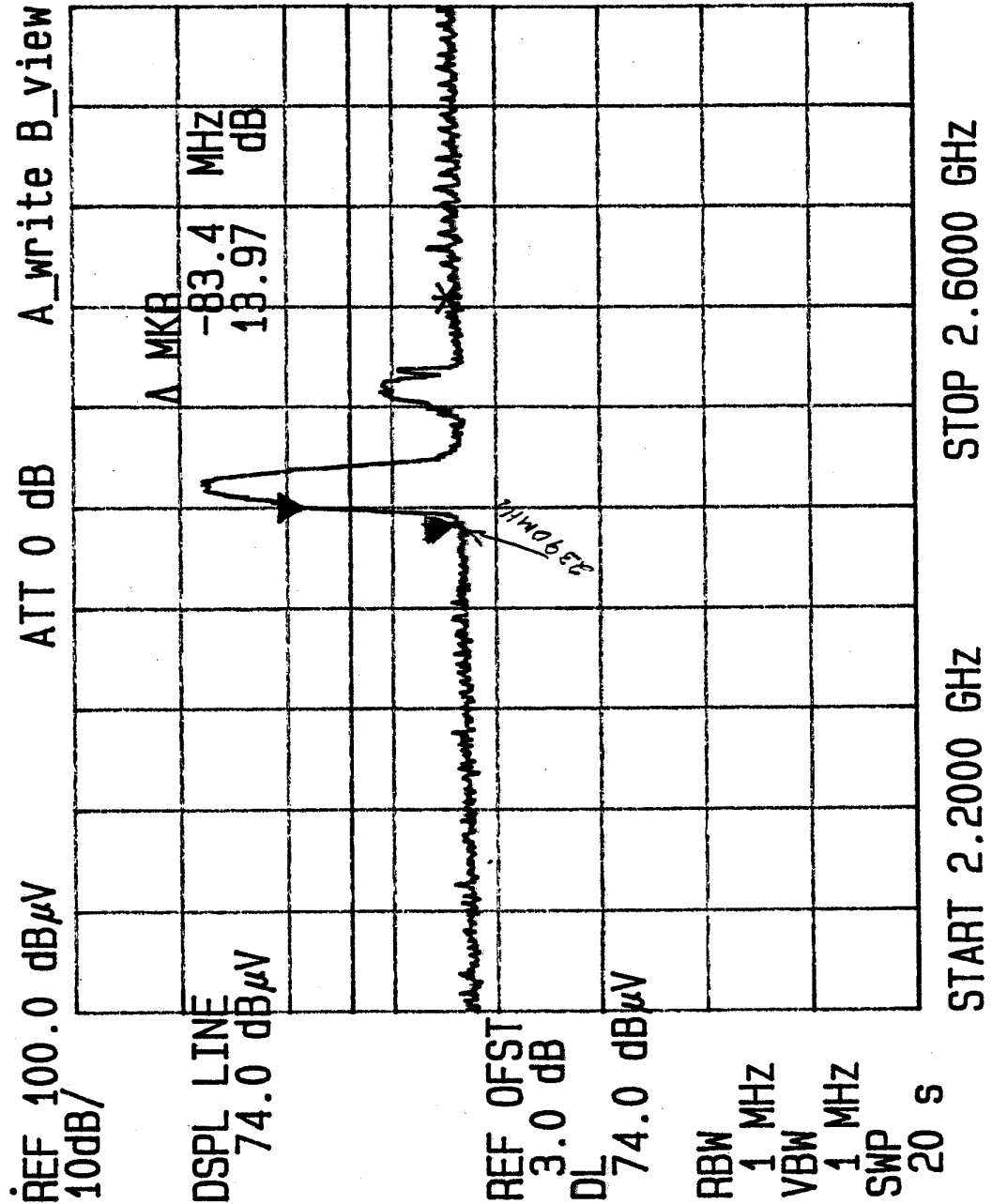
TEST: FCC XMTR RAD. EUT: GE/HARRIS C.C.U. S/N: 1016
 FREQ: 2.4GHZ-2.4835GHZ SPEC: 15.247 ANT.HT/POL: 2.0 H
 DETECT: PEAK LINE UNDER TEST: N/A 2412 MHz EUT POSITION: 157
 DATE: 04/26/99 TEST SITE: 3 METER TESTER: *[Signature]*



DATA SHEET 6.3.2-3

JA-1625

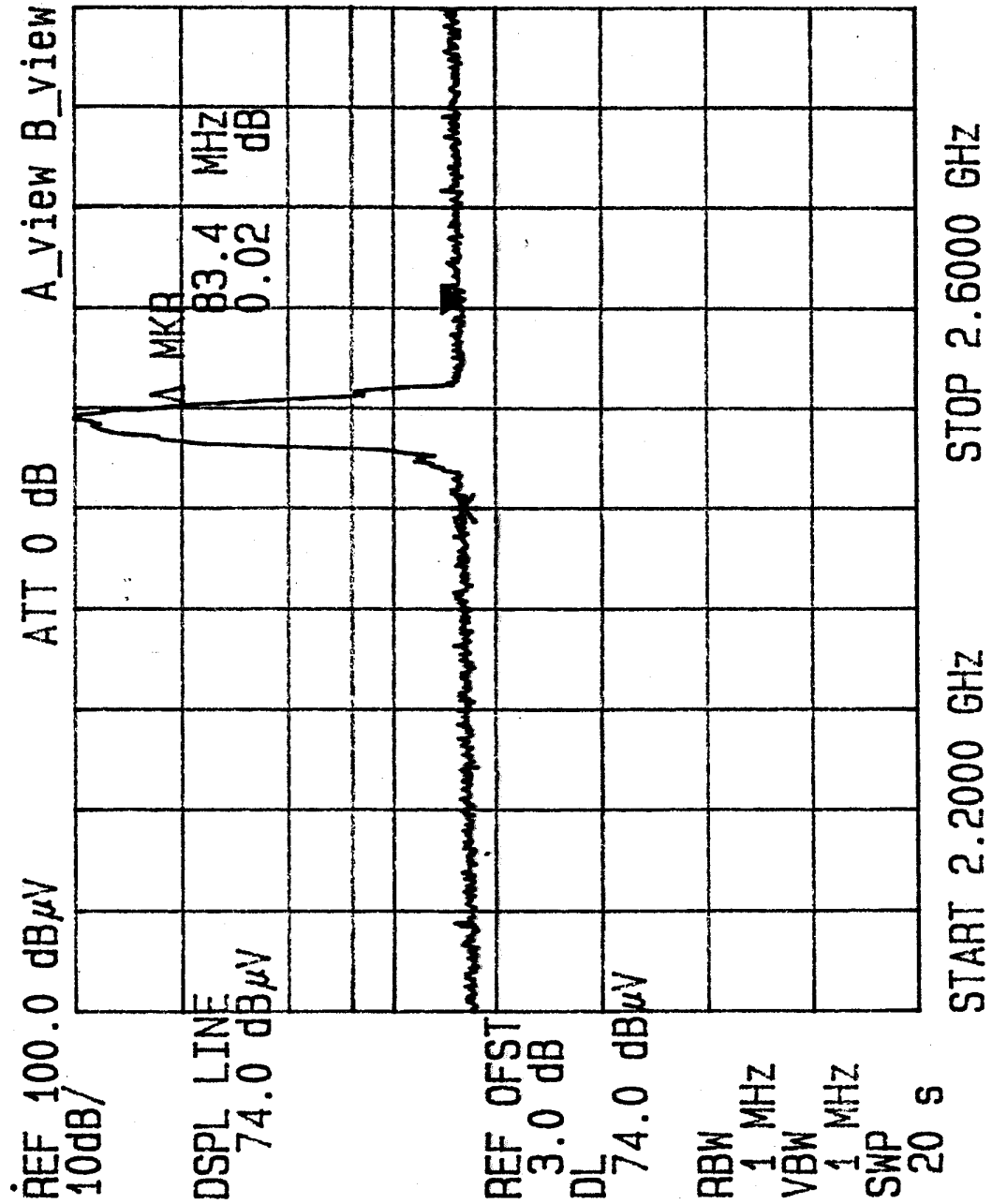
TEST: FCC XMTR RAD. EUT: GE/HARRIS C.C.U. S/N: 1016
 FREQ: 2.4GHz-2.4835GHz SPEC: 15.247 ANT. HT/POL: 2 m V
 DETECT: PEAK LINE UNDER TEST: N/A 2412 MHz EUT POSITION: 1000
 DATE: 03/26/99 TEST SITE: 3 METER TESTER: *[Signature]*



DATA SHEET 6.3.2-4

JA-1625

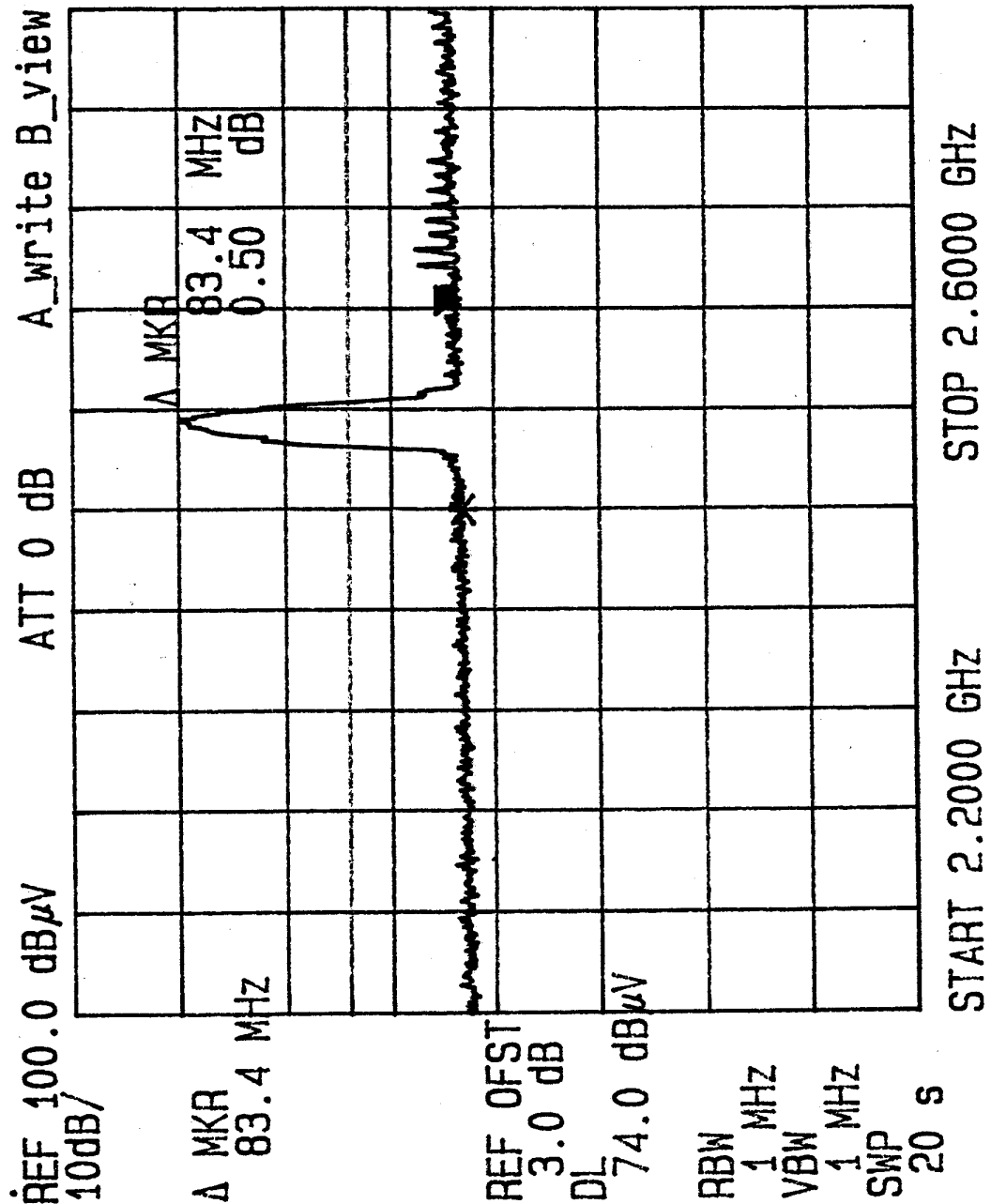
TEST: FCC XMTR RAD. EUT: GE/HARRIS C.C.U. S/N: 1016
 FREQ: 2.4GHz-2.4835GHz SPEC: 15.247 ANT. HT/POL: 1.5'-H
 DETECT: PEAK LINE UNDER TEST: N/A 2438 MHz EUT POSITION: 180°
 DATE: 2/26/99 TEST SITE: 3 METER TESTER: JB



DATA SHEET 6.3.2-5

JA-1625

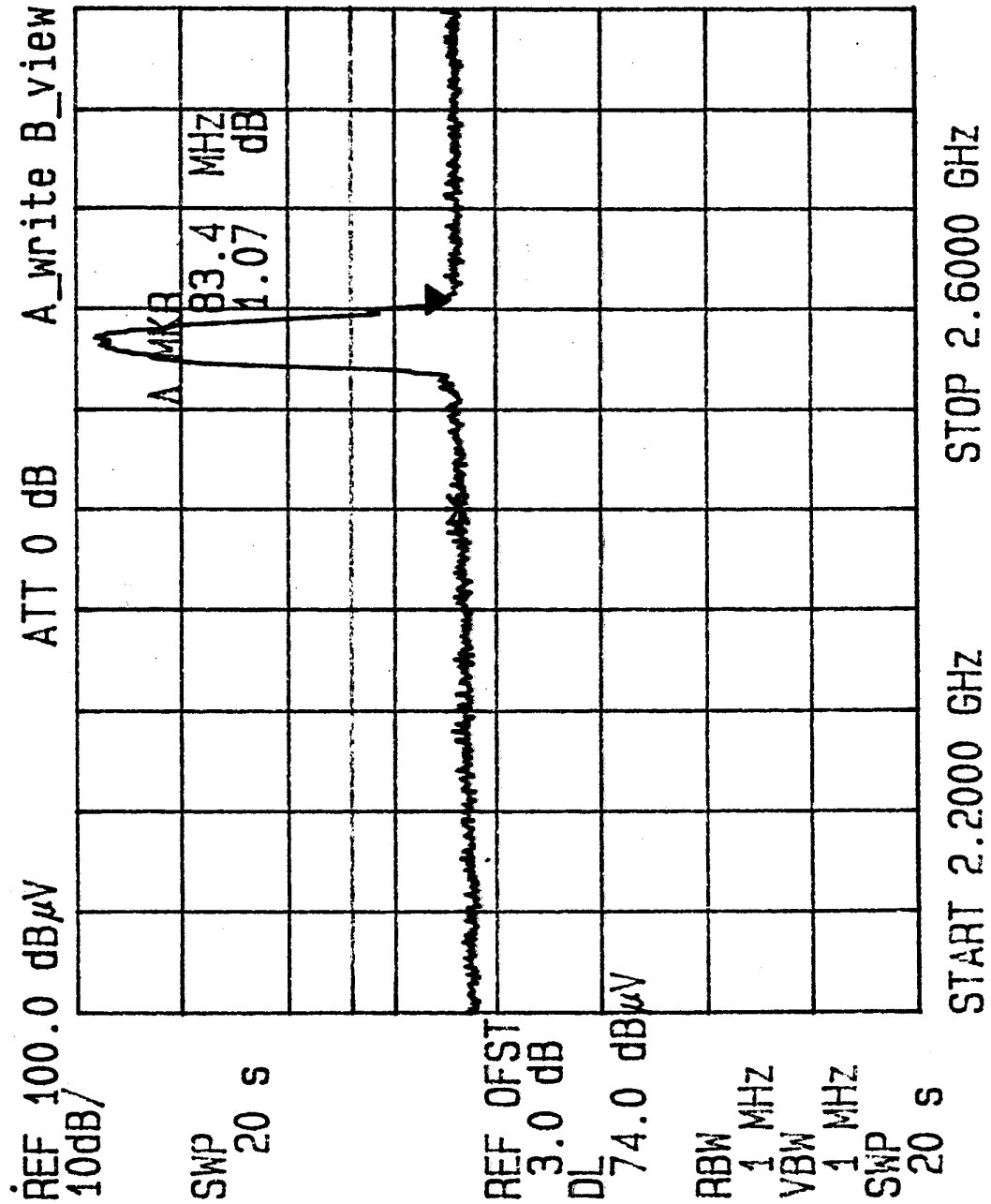
TEST: FCC XMTR RAD. EUT: GE/HARRIS C.C.U. S/N: 1016
 FREQ: 2.4GHz-2.4835GHz SPEC: 15.247 ANT. HT/POL: 20m V
 DETECT: PEAK LINE UNDER TEST: N/A 2438 MHz EUT POSITION: 157°
 DATE: 02/26/99 TEST SITE: 3 METER TESTER: *[Signature]*



DATA SHEET 6.3.2-6

JA-1625

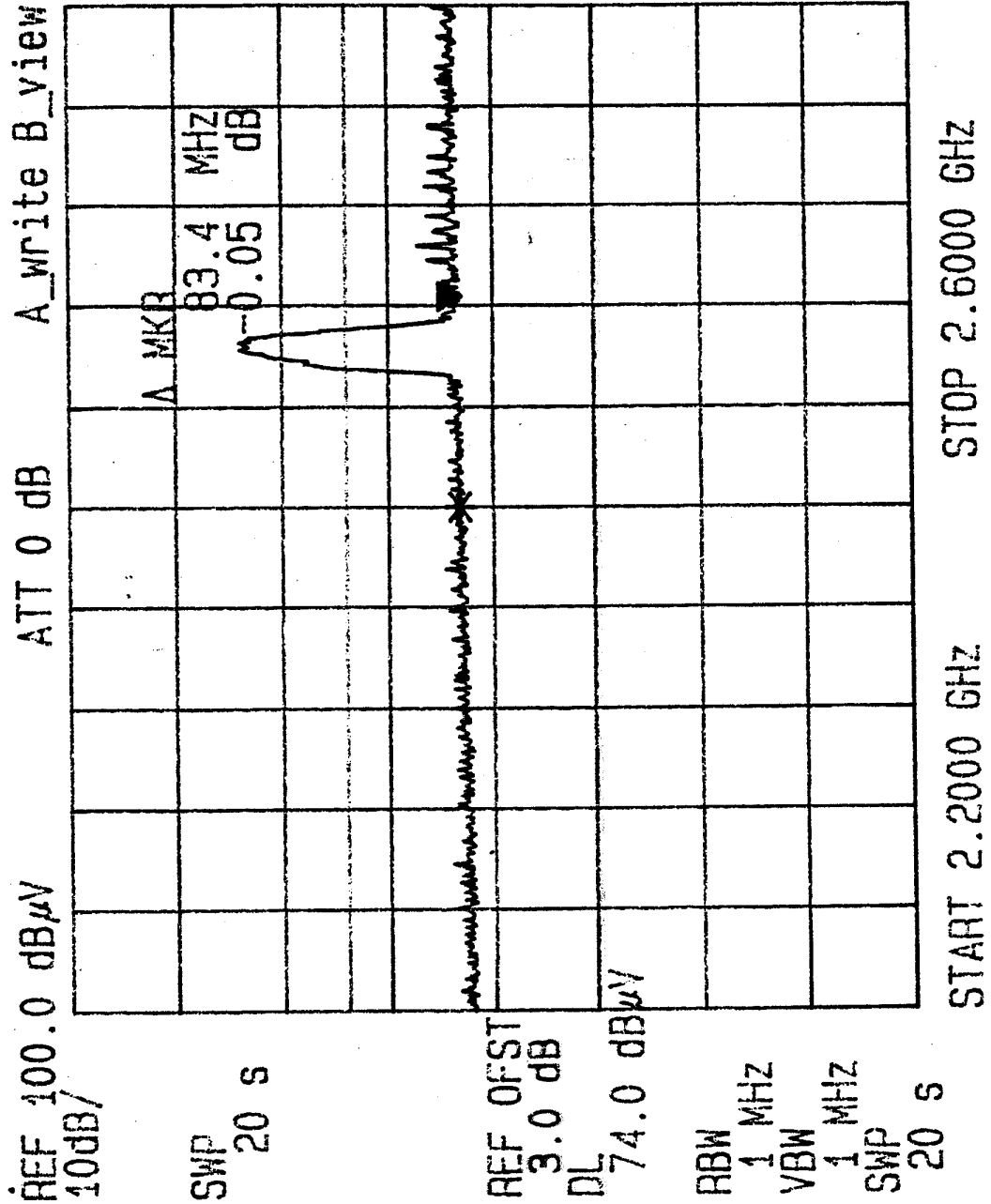
TEST: FCC XMTR RAD. EUT: GE/HARRIS C.C.U. S/N: 1016
 FREQ: 2.4GHz-2.4835GHz SPEC: 15.247 ANT.HT/POL: H
 DETECT: PEAK LINE UNDER TEST: N/A 2467 MHz EUT POSITION:
 DATE: 03/26/99 TEST SITE: 3 METER TESTER: *[Signature]*



DATA SHEET 6.3.2-7

JA-1625

TEST: FCC XMTR RAD. EUT: GE/HARRIS C.C.U. S/N: 1016
 FREQ: 2.4GHz-2.4835GHz SPEC: 15.247 ANT.HT/POL: 2m V
 DETECT: PEAK LINE UNDER TEST: N/A 2467 MHz EUT POSITION: 2300
 DATE: 12/26/99 TEST SITE: 3 METER TESTER: *[Signature]*

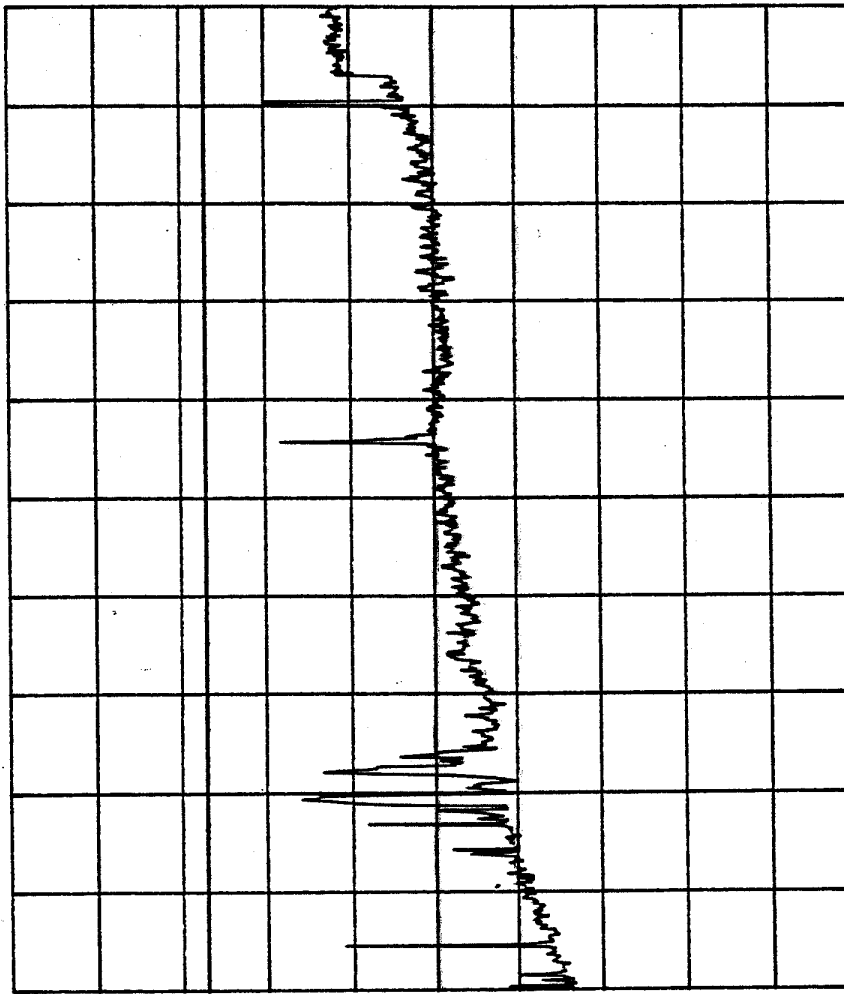


DATA SHEET 6.3.2-8



TEST: FCC RADIATED EUT: GE/HARRIS C.C.U. S/N: 1016
FREQ: 1G-8GHz SPEC: 15.247 ANT. HT/POL: 1.25m H
DETECT: PEAK LINE UNDER TEST: N/A EUT POSITION: 247°
DATE: 1-21-99 TEST SITE: 3 METER TESTER: *AD*

REF 97.0 dB μ V/m ATT 0 dB A_view B_blank
10dB/



RBW 1 MHz
VBW 1 MHz
SWP 500 ms

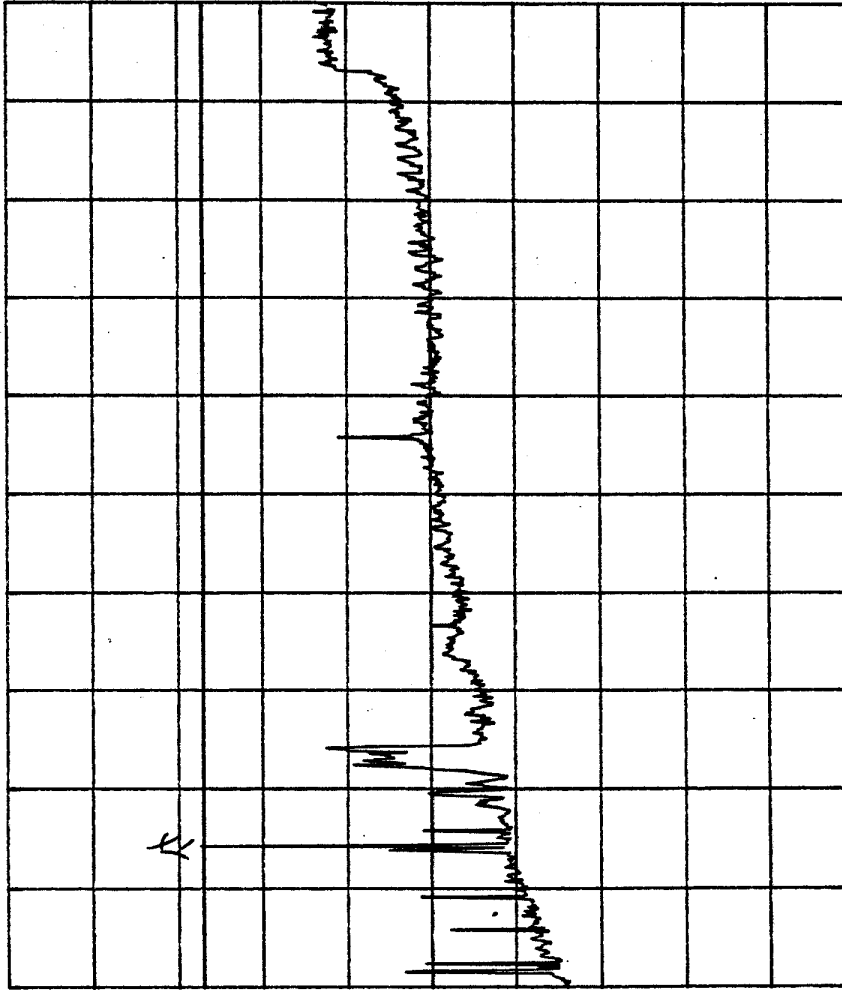
START 1.000 GHz STOP 8.000 GHz



JA-1625

TEST: FCC RADIATED EUT: GE/HARRIS C.C.U. S/N: 1016
 FREQ: 1G-8GHZ SPEC: 15.247 ANT.HT/POL: 1.25m V
 DETECT: PEAK LINE UNDER TEST: N/A EUT POSITION: 247'
 DATE: 1-21-99 TEST SITE: 3 METER TESTER: *AB*

REF 97.0 dB μ V/m ATT 0 dB A view B blank
 10dB/



RBW 1 MHz
 VBW 1 MHz
 SWP 500 ms

START 1.000 GHZ STOP 8.000 GHZ

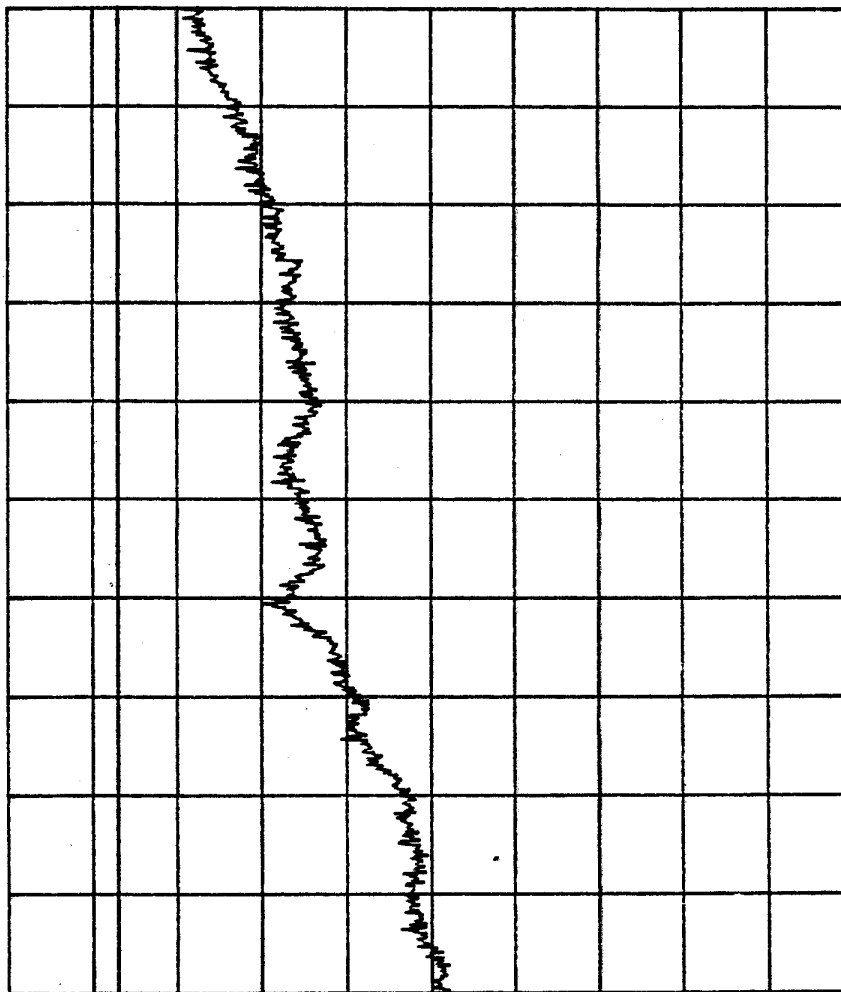
DATA SHEET 6.3.2-10



JA-1625

TEST: FCC RADIATED EUT: GE/HARRIS C.C.U. S/N: 1016
FREQ: 8G-18GHZ SPEC: 15.247 ANT. HT/POL: 1.25~ H
DETECT: PEAK LINE UNDER TEST: N/A EUT POSITION: 247
DATE: 1-21-99 TEST SITE: 3 METER TESTER: *AB*

REF 97.0 dB μ V/m ATT 0 dB A view B blank
10dB/



RBW 1 MHz
VBW 1 MHz
SWP 150 ms

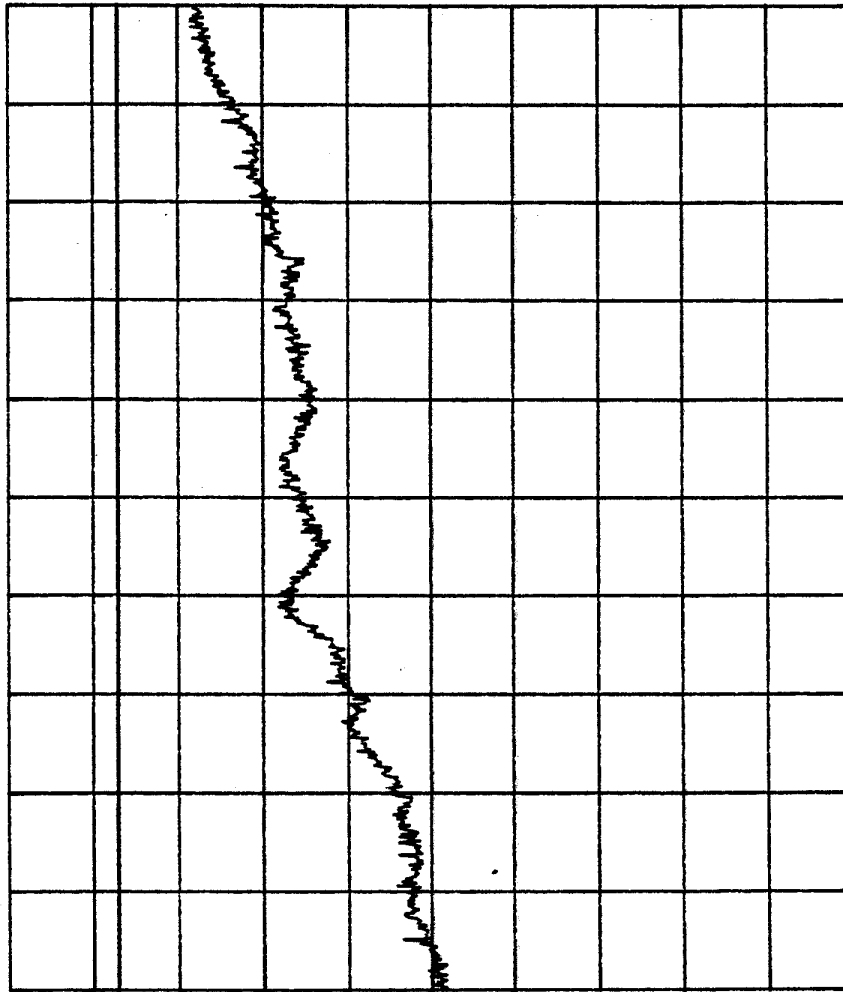
START 8.000 GHZ STOP 18.000 GHZ

DATA SHEET 6.3.2-11



TEST: FCC RADIATED EUT: GE/HARRIS C.C.U. S/N: 1016
FREQ: 8G-18GHz SPEC: 15.247 ANT.HT/POL: 1.25m V
DETECT: PEAK LINE UNDER TEST: N/A EUT POSITION: 247°
DATE: 1-21-99 TEST SITE: 3 METER TESTER: AB

REF 97.0 dB μ V/m ATT 0 dB A_view B_blank
10dB/



RBW 1 MHz
VBW 1 MHz
SWP 150 ms

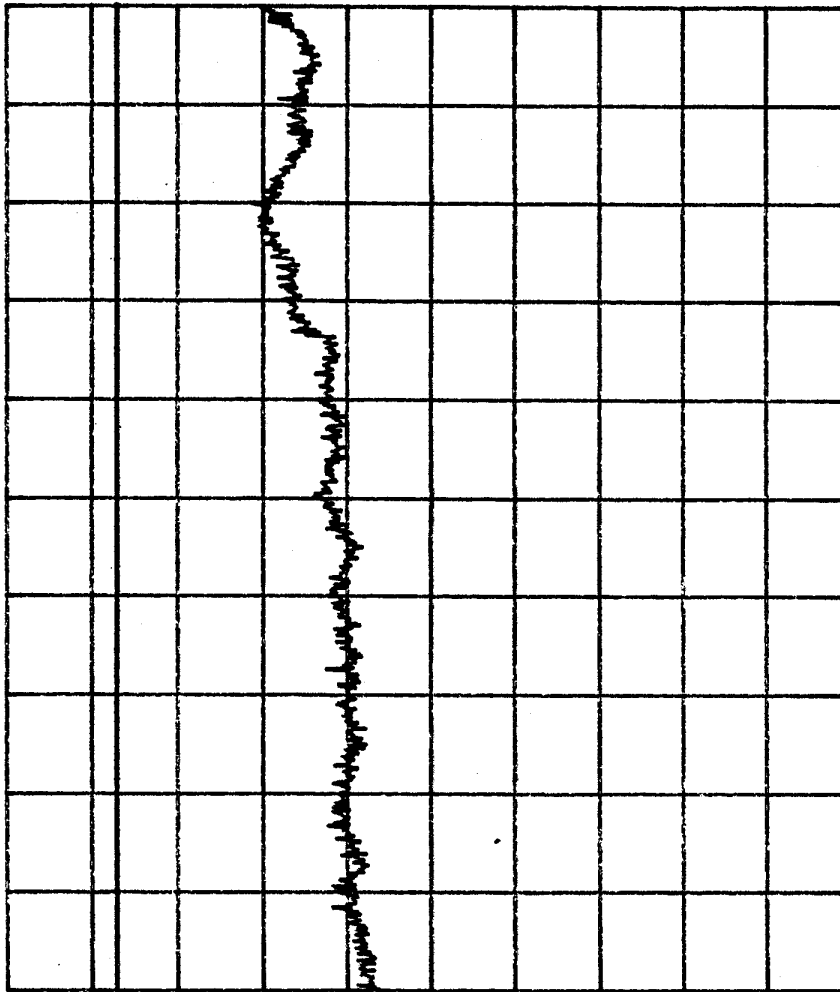
START 8.000 GHZ STOP 18.000 GHZ

DATA SHEET 6.3.2-12



TEST: FCC RADIATED EUT: GE/HARRIS C.C.U. S/N: 1016
FREQ: 18GHz-25GHz SPEC: 15.247 ANT.HT/POL: 1.25m H
DETECT: PEAK LINE UNDER TEST: N/A EUT POSITION: 247
DATE: 1-21-99 TEST SITE: 1 METER TESTER: AB

REF 97.0 dB μ V/m ATT 0 dB A view B blank
10dB/



RBW 1 MHz
VBW 1 MHz
SWP 120 ms

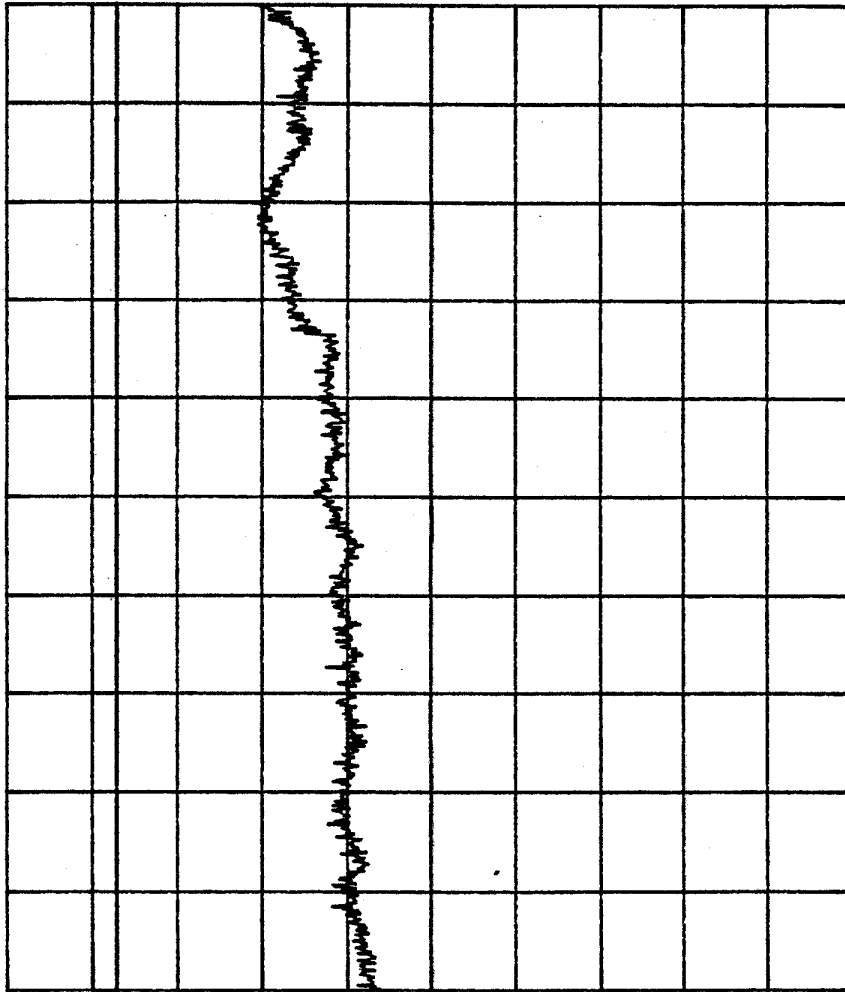
START 18.000 GHz STOP 26.000 GHz

DATA SHEET 6.3.2-13



TEST: FCC RADIATED EUT: GE/HARRIS C.C.U. S/N: 1016
FREQ: 18GHz-25GHz SPEC: 15.247 ANT.HT/POL: 1.25m V
DETECT: PEAK LINE UNDER TEST: N/A EUT POSITION: 247
DATE: 1-21-97 TEST SITE: 1 METER TESTER: *AB*

REF 97.0 dB μ V/m ATT 0 dB A view B blank
10dB/



RBW 1 MHz
VBW 1 MHz
SWP 120 ms

START 18.000 GHZ STOP 26.000 GHZ

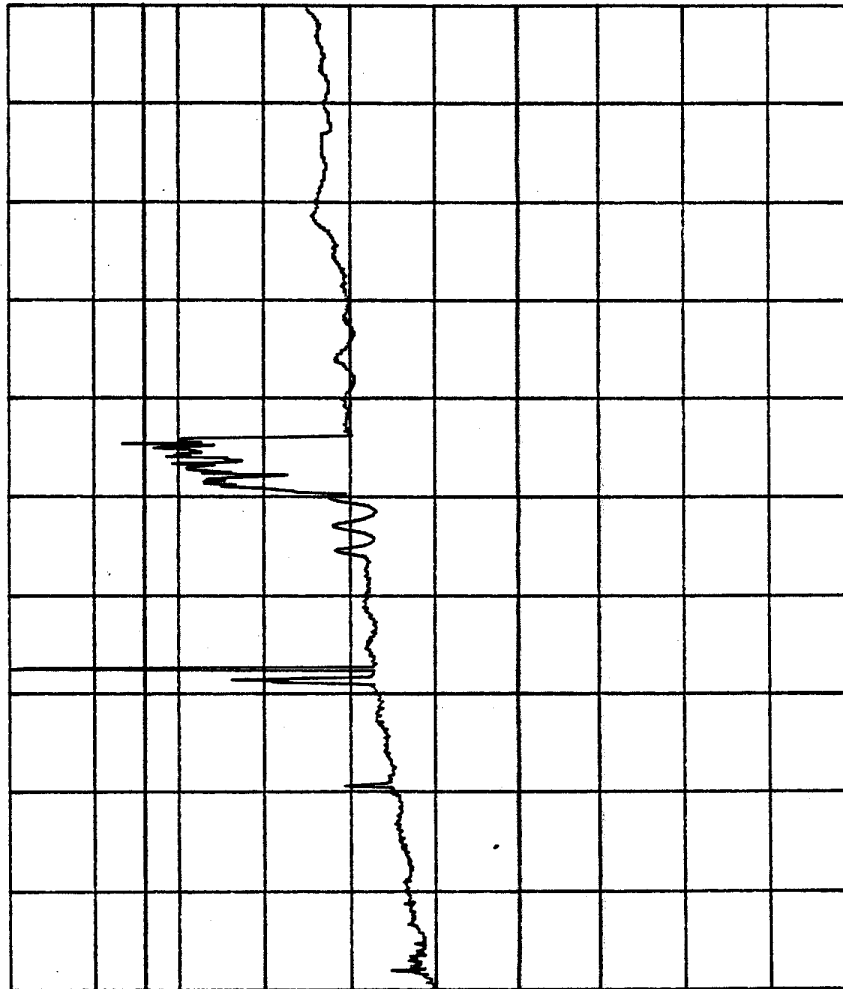
DATA SHEET 6.3.2-14



JA-1625

TEST: FCC RADIATED EUT: GE/HARRIS C.C.U. S/N: 1016
FREQ: 1GHz-4GHz SPEC: 15.247 ANT.HT/POL: 1.25m V
DETECT: AVERAGE LINE UNDER TEST: N/A EUT POSITION: 247°
DATE: 1-21-99 TEST SITE: 3 METER TESTER: *AB*

REF 70.0 dB μ V/m ATT 0 dB A_write B_blank
10dB/



RBW 1 MHz
VBW 10 Hz
SWP 600 s

START 1.000 GHz STOP 4.000 GHz

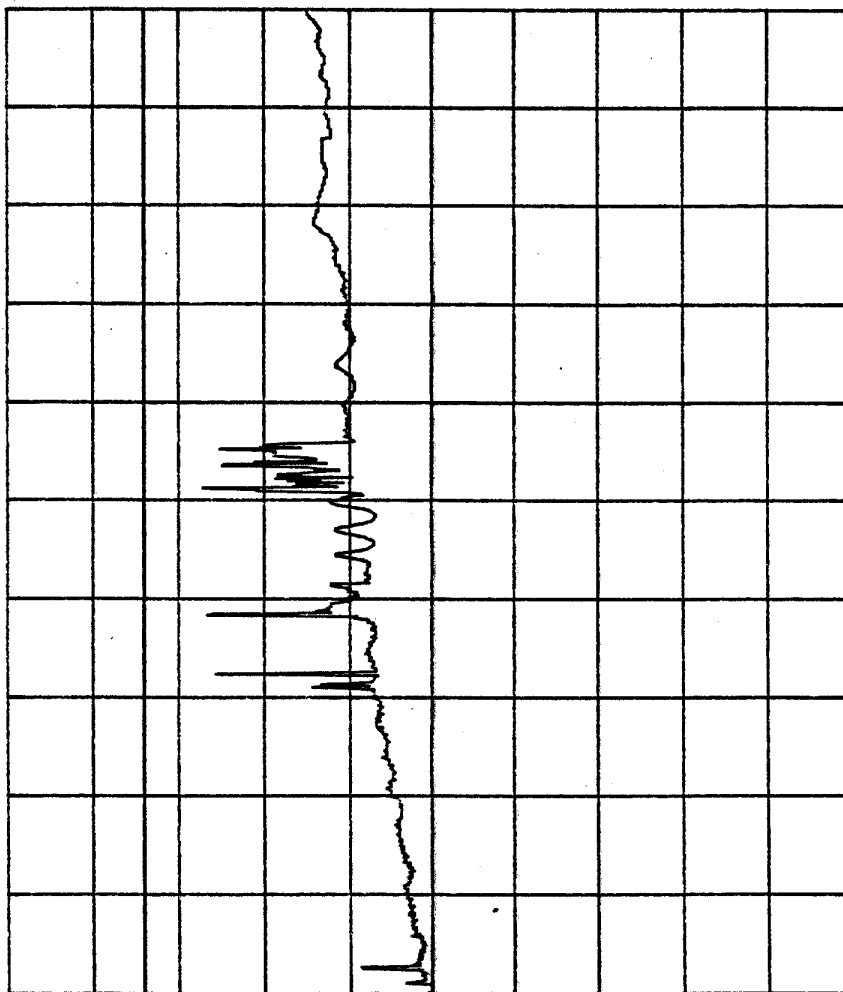
DATA SHEET 6.3.2-15



JA-1625

TEST: FCC RADIATED EUT: GE/HARRIS C.C.U. S/N: 1016
FREQ: 1GHz-4GHz SPEC: 15.247 ANT.HT/POL: 1.25m \ H
DETECT: AVERAGE LINE UNDER TEST: N/A EUT POSITION: 247°
DATE: 1-21-99 TEST SITE: 3 METER TESTER: *[Signature]*

REF 70.0 dB μ V/m ATT 0 dB A_write B_blank
10dB/



RBW 1 MHz
VBW 10 Hz
SWP 600 s

START 1.000 GHz STOP 4.000 GHz

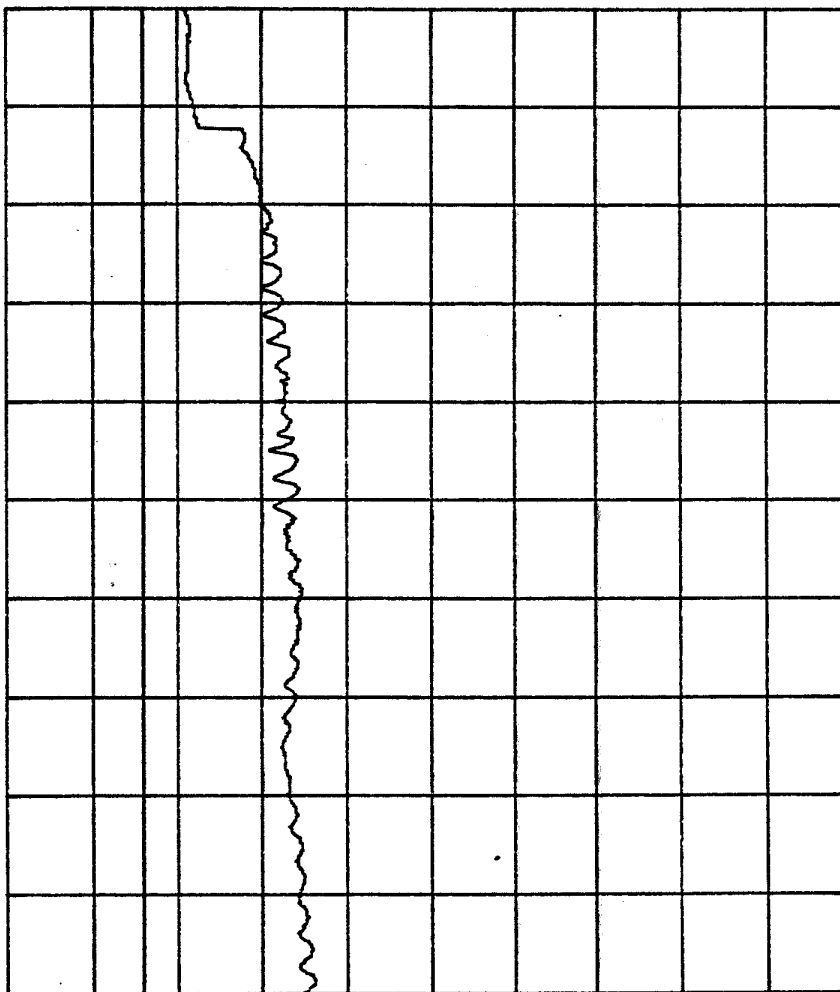
DATA SHEET 6.3.2-16



JA-1625

TEST: FCC RADIATED EUT: GE/HARRIS C.C.U. S/N: 1016
FREQ: 4G-8GHz SPEC: 15.247 ANT. HT/POL: 1.25m H
DETECT: AVERAGE LINE UNDER TEST: N/A EUT POSITION: 247°
DATE: 1-21-99 TEST SITE: 3 METER TESTER: *AB*

REF 70.0 dB μ V/m ATT 0 dB A write B blank
10dB/



RBW 1 MHz
VBW 10 Hz
SWP 800 S

START 4.000 GHz STOP 8.000 GHz

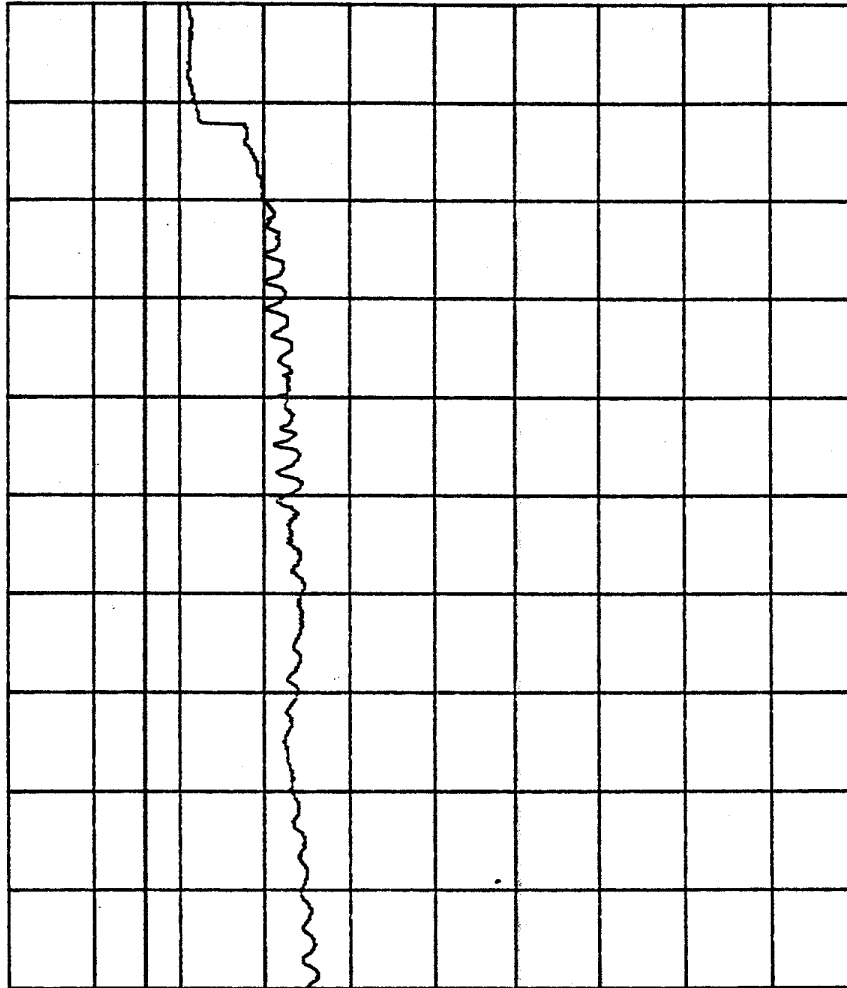
DATA SHEET 6.3.2-17



JA-1625

TEST: FCC RADIATED EUT: GE/HARRIS C.C.U. S/N: 1016
FREQ: 4G-8GHz SPEC: 15.247 ANT. HT/POL: 1.25m V
DETECT: AVERAGE LINE UNDER TEST: N/A EUT POSITION: 247
DATE: 1-21-99 TEST SITE: 3 METER TESTER: *AB*

REF 70.0 dB μ V/m ATT 0 dB A_write B_blank
10dB/



RBW 1 MHz
VBW 10 Hz
SWP 800 S

START 4.000 GHz STOP 8.000 GHz

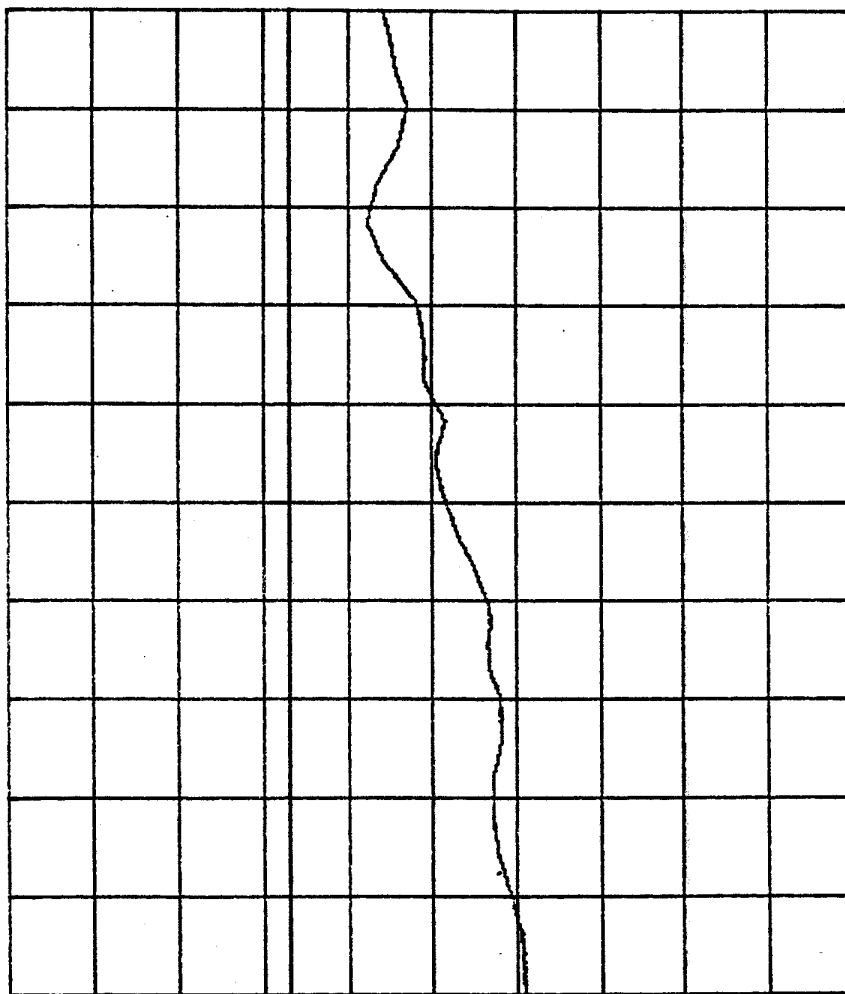
DATA SHEET 6.3.2-18



JA-1625

TEST: FCC RADIATED EUT: GE/HARRIS C.C.U. S/N: 1016
FREQ: 8G-13GHz SPEC: 15.247 ANT.HT/POL: 1.25m H
DETECT: AVERAGE LINE UNDER TEST: N/A EUT POSITION: 247
DATE: 1-21-99 TEST SITE: 3 METER TESTER: *AB*

REF 97.0 dB μ V/m ATT 0 dB A_write B_blank
10dB/



RBW 1 MHz
VBW 10 Hz
SWP 1000 S

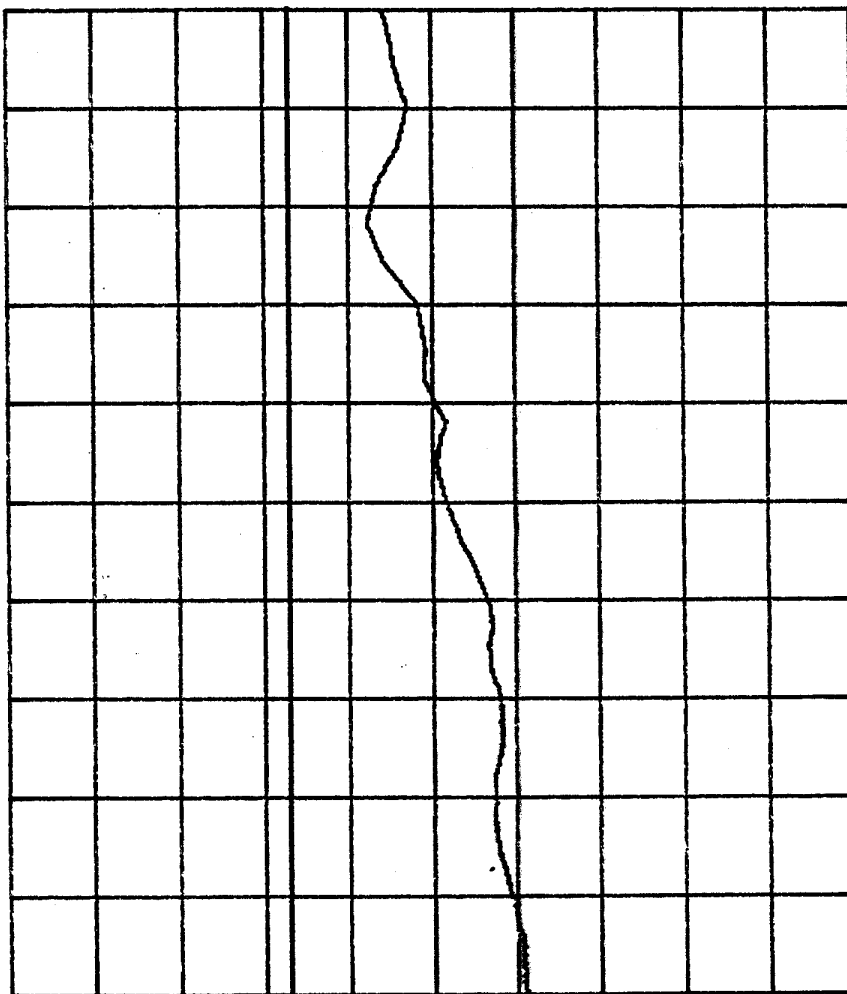
START 8.000 GHz STOP 13.000 GHz

DATA SHEET 6.3.2-19



TEST: FCC RADIATED EUT: GE/HARRIS C.C.U. S/N: 1016
FREQ: 8G-13GHz SPEC: 15.247 ANT.HT/POL: 1.25m V
DETECT: AVERAGE LINE UNDER TEST: N/A EUT POSITION: 247'
DATE: 1-21-97 TEST SITE: 3 METER TESTER: *AB*

REF 97.0 dB μ V/m ATT 0 dB A write B blank
10dB/



RBW 1 MHz
VBW 10 Hz
SWP 1000 S

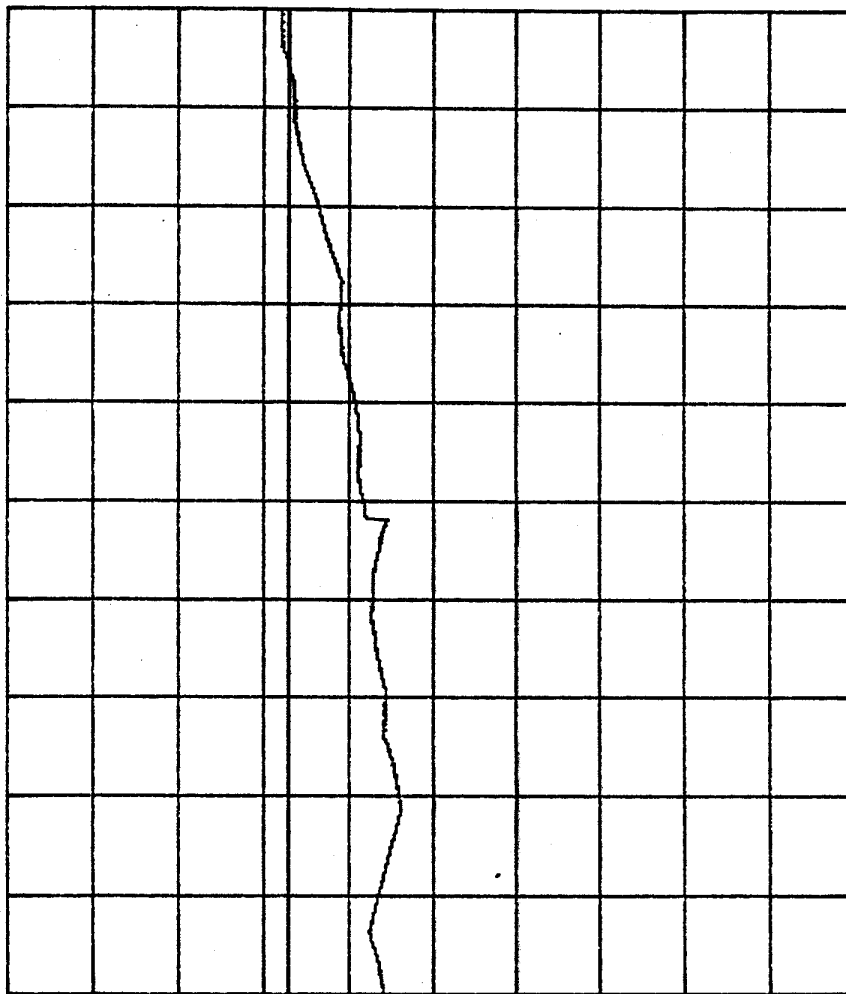
START 8.000 GHz STOP 13.000 GHz

DATA SHEET 6.3.2-20



TEST: FCC RADIATED EUT: GE/HARRIS C.C.U. S/N: 1016
FREQ: 13G-18GHz SPEC: 15.247 ANT. HT/POL: 1.25m H
DETECT: AVERAGE LINE UNDER TEST: N/A EUT POSITION: 247
DATE: 1-21-99 TEST SITE: 3 METER TESTER: *AB*

REF 97.0 dB μ V/m ATT 0 dB A_write B_blank
10dB/



RBW 1 MHz
VBW 10 Hz
SWP 1000 S

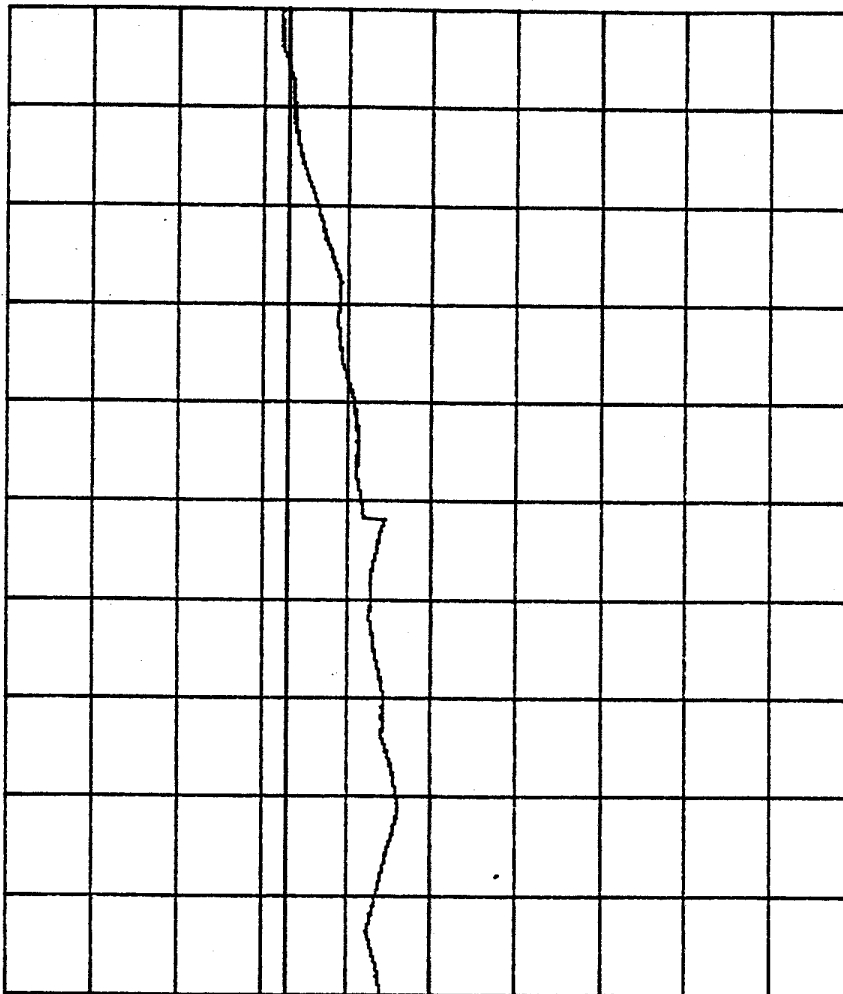
START 13.000 GHz STOP 18.000 GHz

DATA SHEET 6.3.2-21



TEST: FCC RADIATED EUT: GE/HARRIS C.C.U. S/N: 1016
FREQ: 13G-18GHz SPEC: 15.247 ANT. HT/POL: 1.25m V
DETECT: AVERAGE LINE UNDER TEST: N/A EUT POSITION: 247°
DATE: 1-21-99 TEST SITE: 3 METER TESTER: *[Signature]*

REF 97.0 dB μ V/m ATT 0 dB A_write B_blank
10dB/



RBW 1 MHz
VBW 10 Hz
SWP 1000 S

START 13.000 GHZ STOP 18.000 GHZ

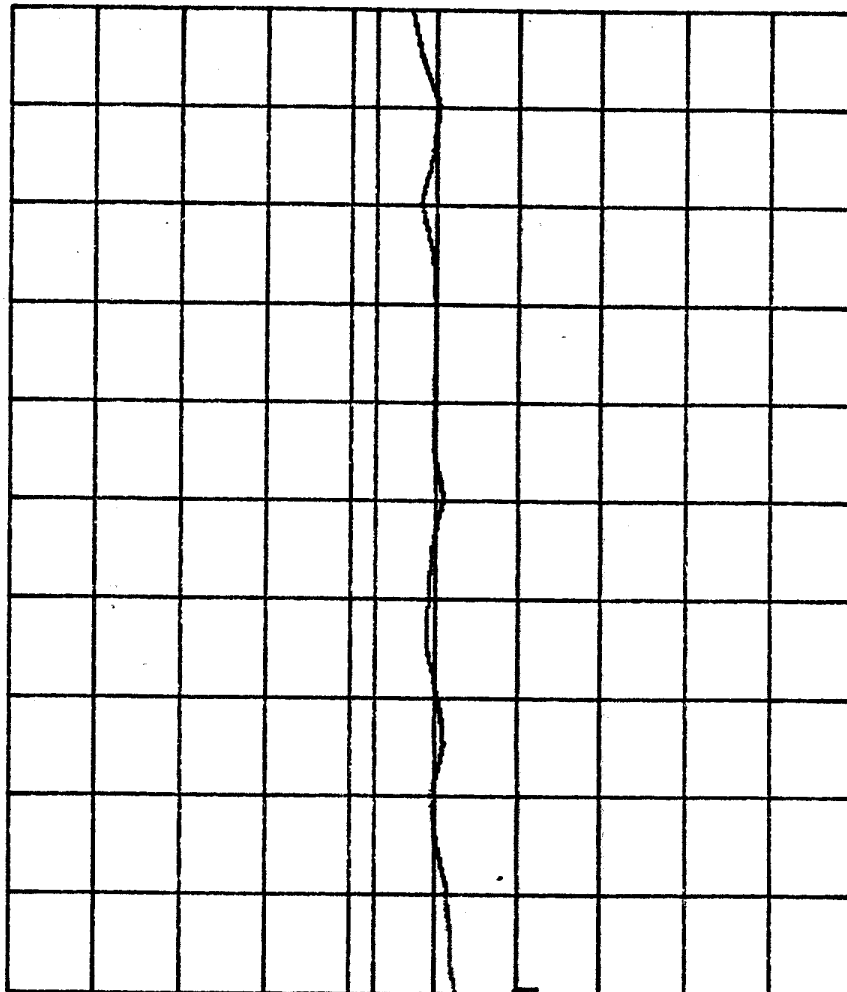
DATA SHEET 6.3.2-22



JA-1625

TEST: FCC RADIATED EUT: GE/HARRIS C.C.U. S/N: 1016
FREQ: 18G-22GHz SPEC: 15.247 ANT. HT/POL: 1.25m H
DETECT: AVERAGE LINE UNDER TEST: N/A EUT POSITION: 247°
DATE: 1-2(-99) TEST SITE: 3 METER TESTER: *AB*

REF 97.0 dB μ V/m ATT 0 dB A write B blank
10dB/



DL 54.0 dB μ V/m

RBW 1 MHz
VBW 10 Hz
SWP 800 S

START 18.000 GHZ STOP 22.000 GHZ

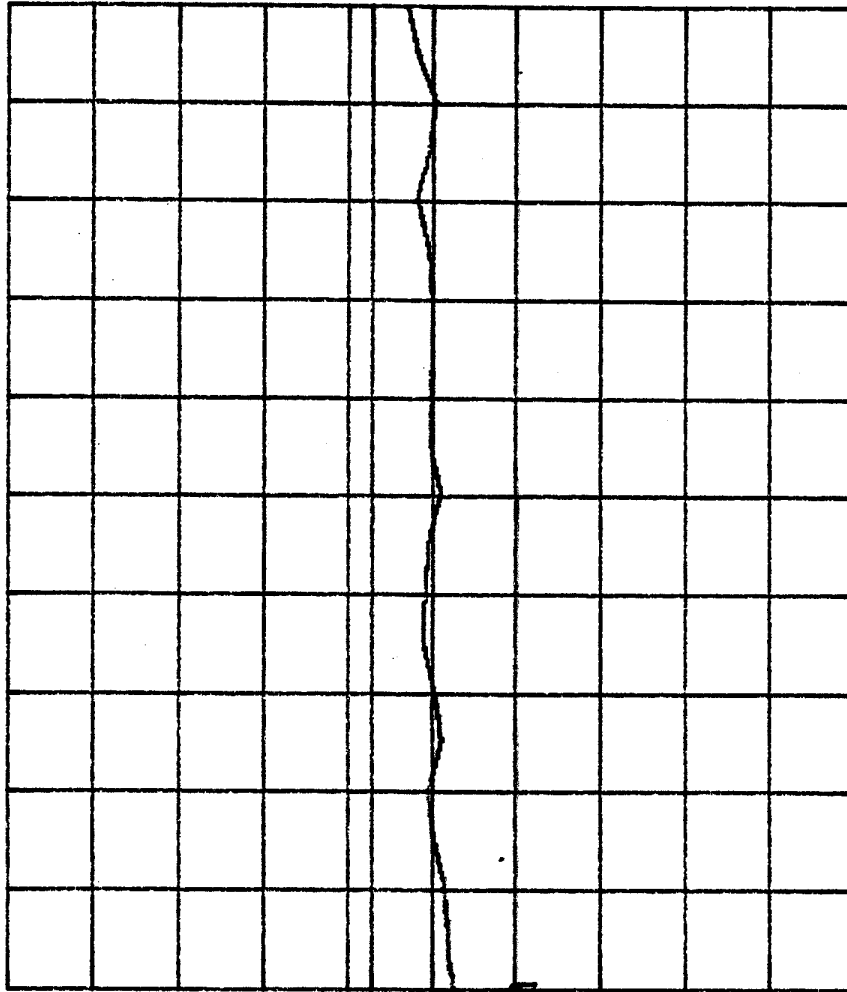
DATA SHEET 6.3.2-23



JA-1625

TEST: FCC RADIATED EUT: GE/HARRIS C.C.U. S/N: 1016
FREQ: 18G-22GHz SPEC: 15.247 ANT. HT/POL: 1.25m V
DETECT: AVERAGE LINE UNDER TEST: N/A EUT POSITION: 247°
DATE: 1-21-99 TEST SITE: 3 METER TESTER: *AB*

REF 97.0 dB μ V/m ATT 0 dB A Write B blank
10dB/



DL 54.0 dB μ V/m

RBW 1 MHz
VBW 10 Hz
SWP 800 S

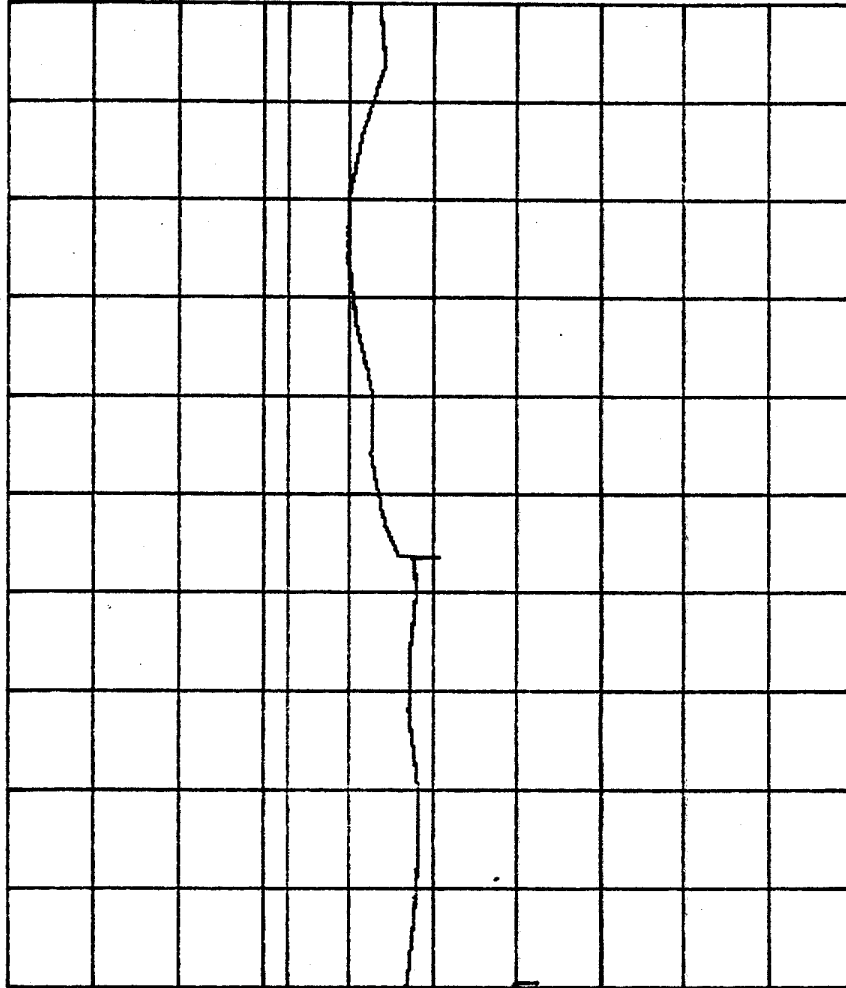
START 18.000 GHz STOP 22.000 GHz



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TEST: FCC RADIATED EUT: GE/HARRIS C.C.U. S/N: 1016
FREQ: 22G-25GHz SPEC: 15.247 ANT. HT/POL: 1.25m H
DETECT: AVERAGE LINE UNDER TEST: N/A EUT POSITION: 247.
DATE: 1-21-99 TEST SITE: 3 METER TESTER: *[Signature]*

REF 97.0 dB μ V/m ATT 0 dB A_write B_blank
10dB/

DL 64.0 dB μ V/m

RBW 1 MHz
VBW 10 Hz
SWP 600 S

START 22.000 GHz STOP 25.000 GHz

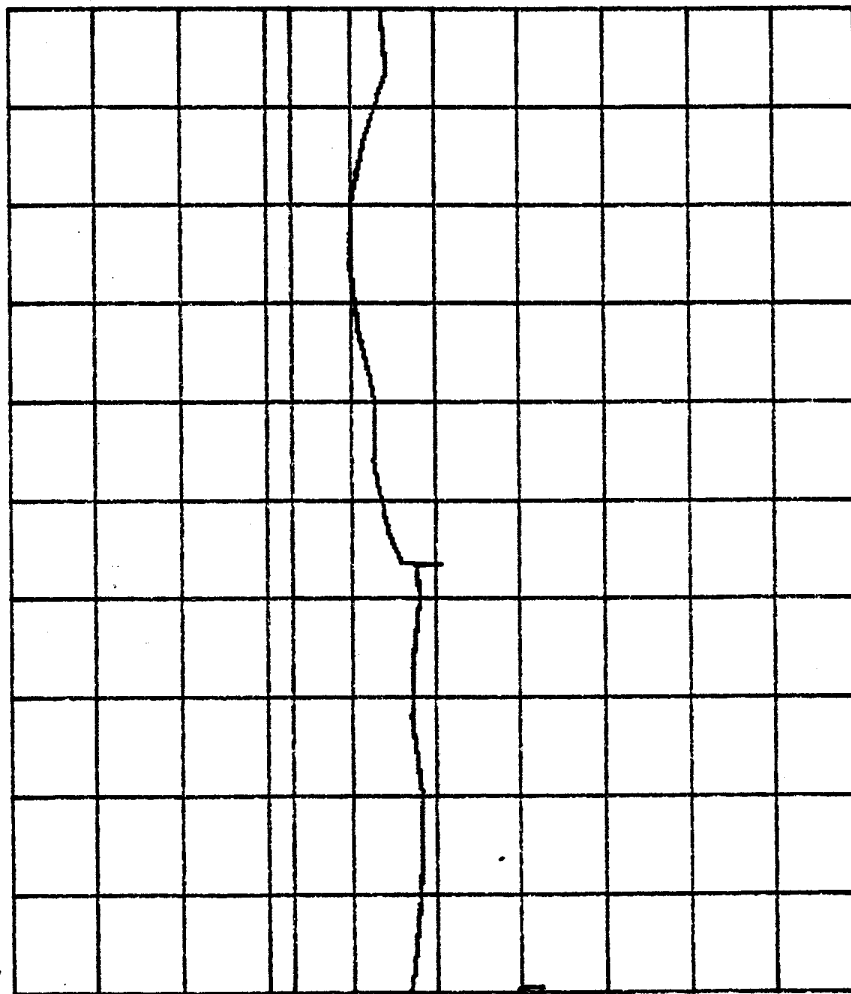
DATA SHEET 6.3.2-25



JA-1625

TEST: FCC RADIATED EUT: GE/HARRIS C.C.U. S/N: 1016
FREQ: 22G-25GHz SPEC: 15.247 ANT. HT/POL: 1.25m V
DETECT: AVERAGE LINE UNDER TEST: N/A EUT POSITION: 247°
DATE: 1-21-99 TEST SITE: 3 METER TESTER: AB

REF 97.0 dB μ V/m ATT 0 dB A_write B_blank
10dB/

DL 64.0 dB μ V/m

RBW 1 MHz
VBW 10 Hz
SWP 600 S

START 22.000 GHz STOP 25.000 GHz

DATA SHEET 6.3.2-26

JA-1625**6.4 Direct Sequence Spread Spectrum 15.247(2)(b)(c)(d)(e)****6.4.1 6dB Bandwidth 15.247(2)**

The minimum 6dB bandwidth must be greater than 500KHz. Data Sheets 6.4.1-1 through 6.4.1-3 shows the measured 6dB points to give bandwidths of 9.7, 10.2 and 11MHz.

The system exceeds the 500KHz minimum bandwidth.

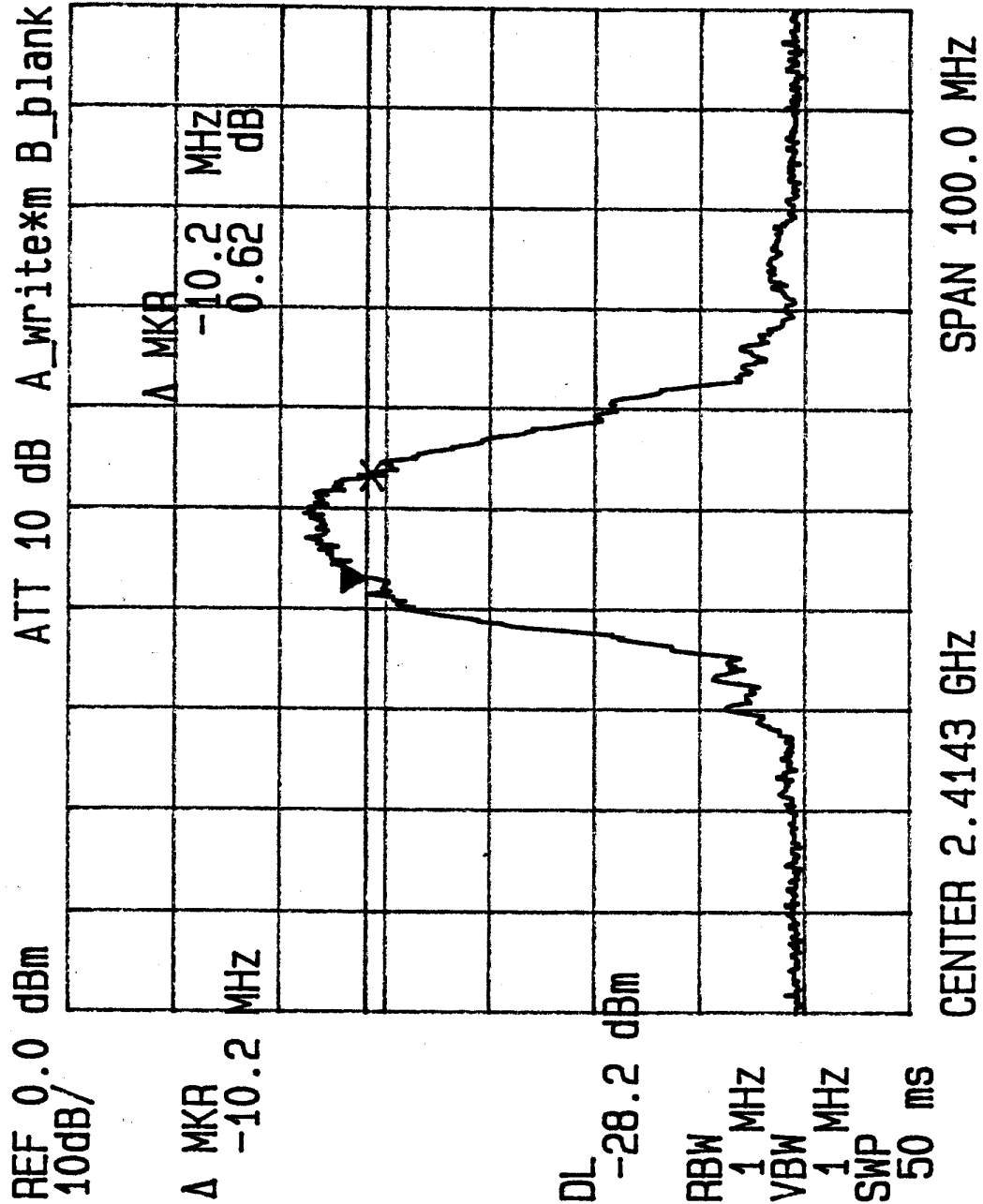


TEST: 6 dB BANDWIDTH	EUT: GE/HARRIS C.C.U.	S/N: 1016
FREQ: 2412 MHz	SPEC: 15.247	ANT.HT/POL: N/A
DETECTOR: PEAK	LINE UNDER TEST: N/A	EUT POSITION: FRONT
DATE: 3/3/97	TEST SITE: ROOM 1	TESTER: <i>[Signature]</i>

DATA SHEET 6.4.1-1

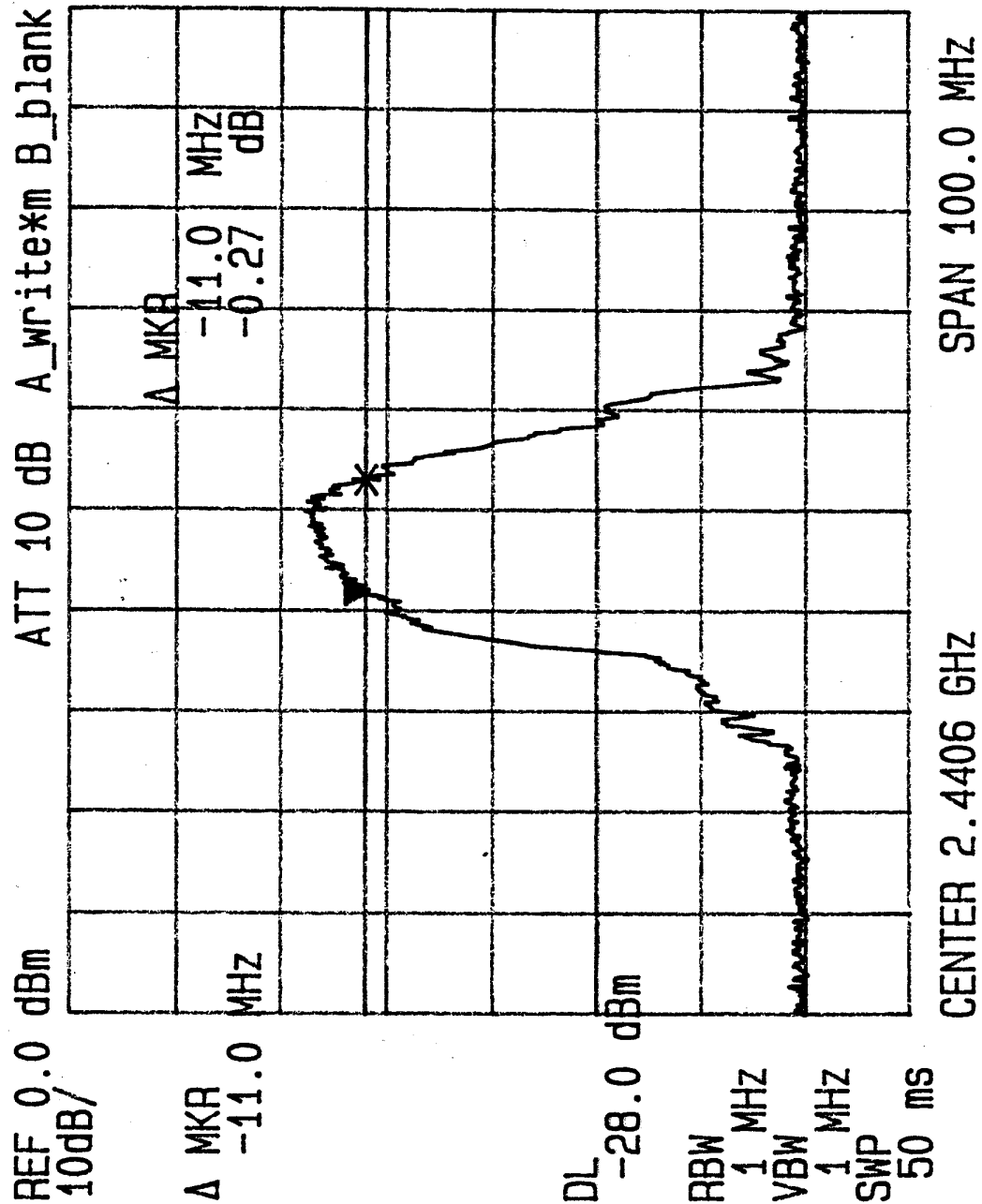
[36]

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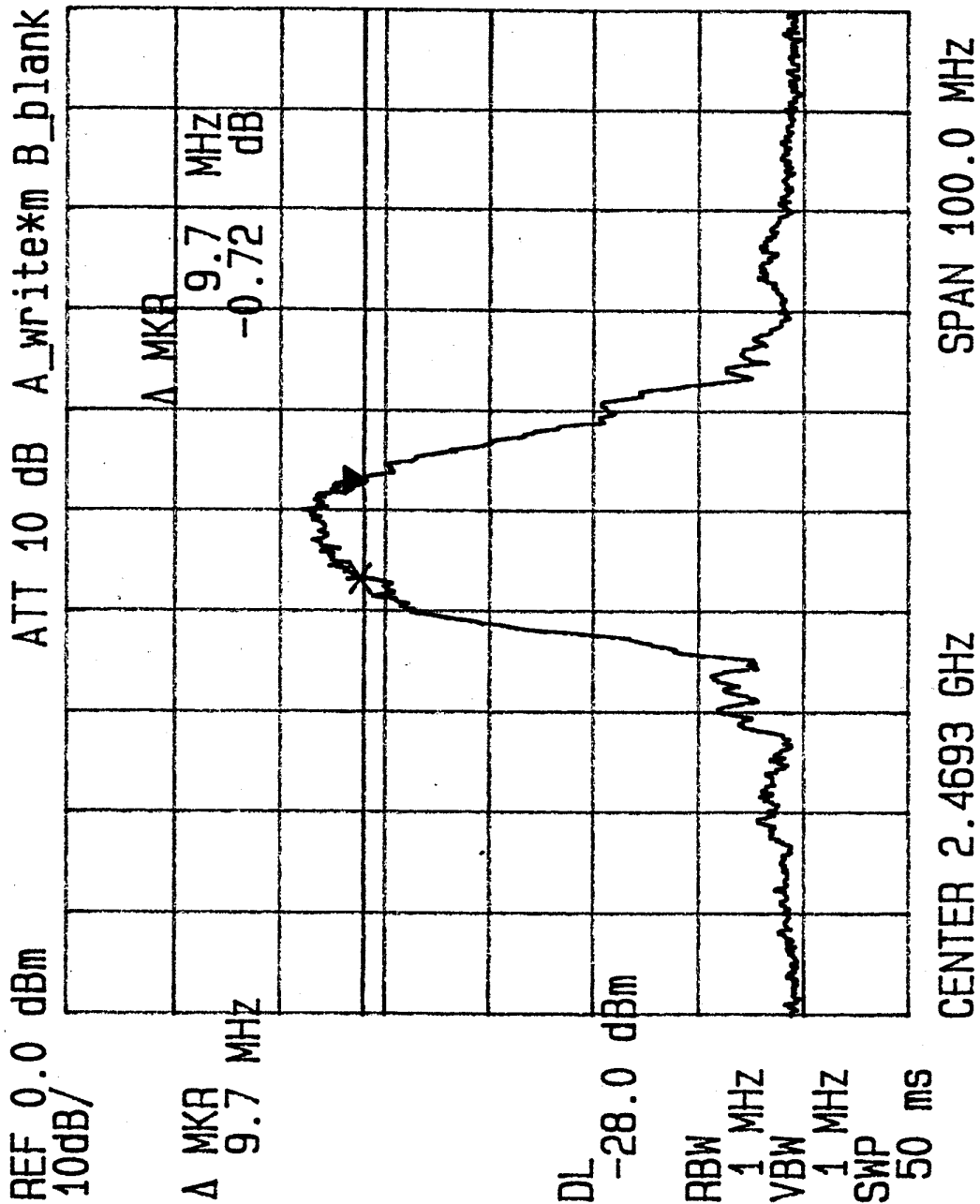
TEST: 6 dB BANDWIDTH	EUT: GE/HARRIS C.C.U.	S/N: 1016
FREQ: 2438 MHz	SPEC: 15.247	ANT.HT/POL: N/A
DETECTOR: PEAK	LINE UNDER TEST: N/A	EUT POSITION: FRONT
DATE: 3-3-98	TEST SITE: ROOM 1	TESTER: <i>[Signature]</i>



DATA SHEET 6.4.1-2

JA-1625

TEST: 6 dB BANDWIDTH	EUT: GE/HARRIS C.C.U.	S/N: 1016
FREQ: 2467 MHz	SPEC: 15.247	ANT.HT/POL: N/A
DETECTOR: PEAK	LINE UNDER TEST: N/A	EUT POSITION: FRONT
DATE: 3-3-98	TEST SITE: ROOM 1	TESTER: <i>[Signature]</i>



DATA SHEET 6.4.1-3

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6.4.2 Peak Output Power 15.247(2)(b)

The peak output power to the antenna shall not exceed 1 watt.

The peak power measurement was made using the continuous transmit function.

The power output measured with a peak power meter was recorded at +20.5dBm, the min, mid and max frequencies. Results are as follows:

Frequency (MHz)	Measured + Attn = Power (dBm)	Limit
2412	-13.5 + 30 = 16.5	+30
2438	-13.6 + 30 = 16.4	+30
2467	-13.5 + 30 = 16.5	+30

Results: Pass

6.4.3 Out of Band Emission 15.247(2)(c)

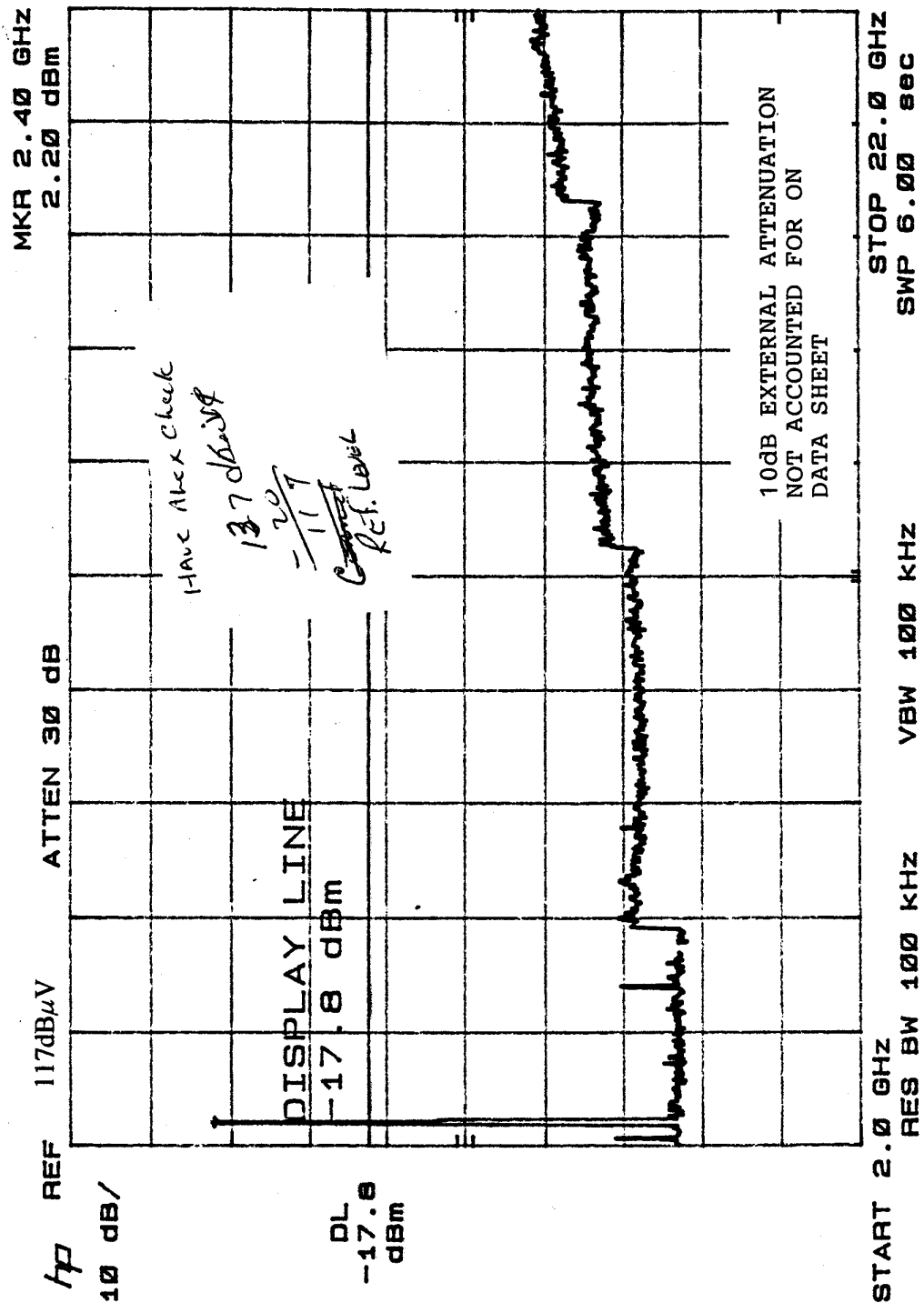
Out of band measurements were made on the antenna port of the RF unit.

The measurement was made over the 2-25GHz range using the 100KHz RBW. Data Sheets 6.4.3-1 through 6.4.3-3 present the sweep of each of the three channels up to 22GHz. Data Sheet 6.4.3-4 is representative of all three channels up to 25GHz (no signals detected).

The plots demonstrate there is greater than 20dB separation between the TX signal and other signals in the range.



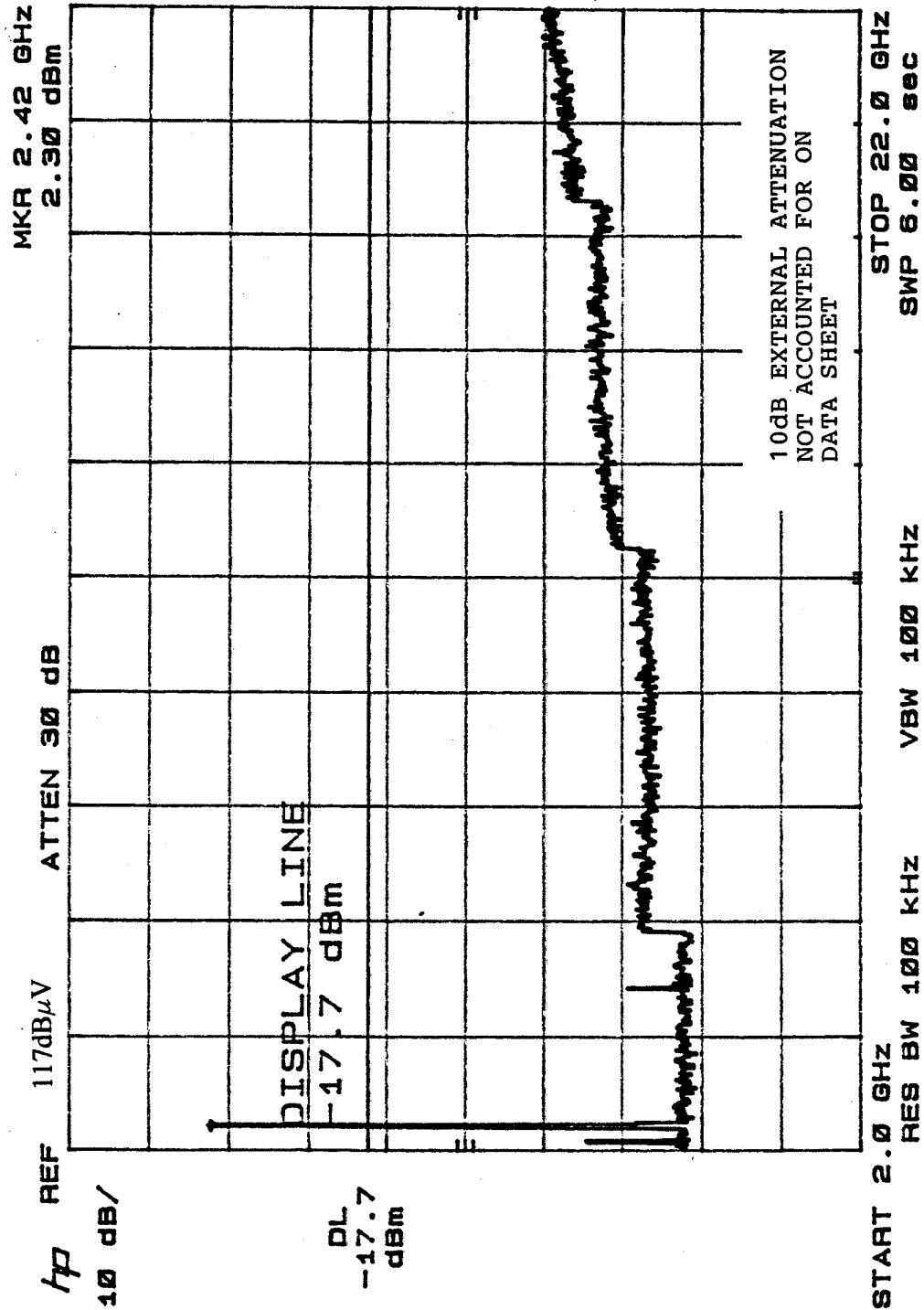
TEST: COND. SPURIOUS EUT: GE/HARRIS C.C.U. S/N: 1016
FREQ: 1 - 22GHz ANT. HT/POL: N/A
DETECT: PEAK LINE UNDER TEST: 2412MHz EUT POSITION: FRONT
DATE: 02/22/99 TEST SITE: ROOM 1 TESTER: Jue



DATA SHEET 6.4.3-1



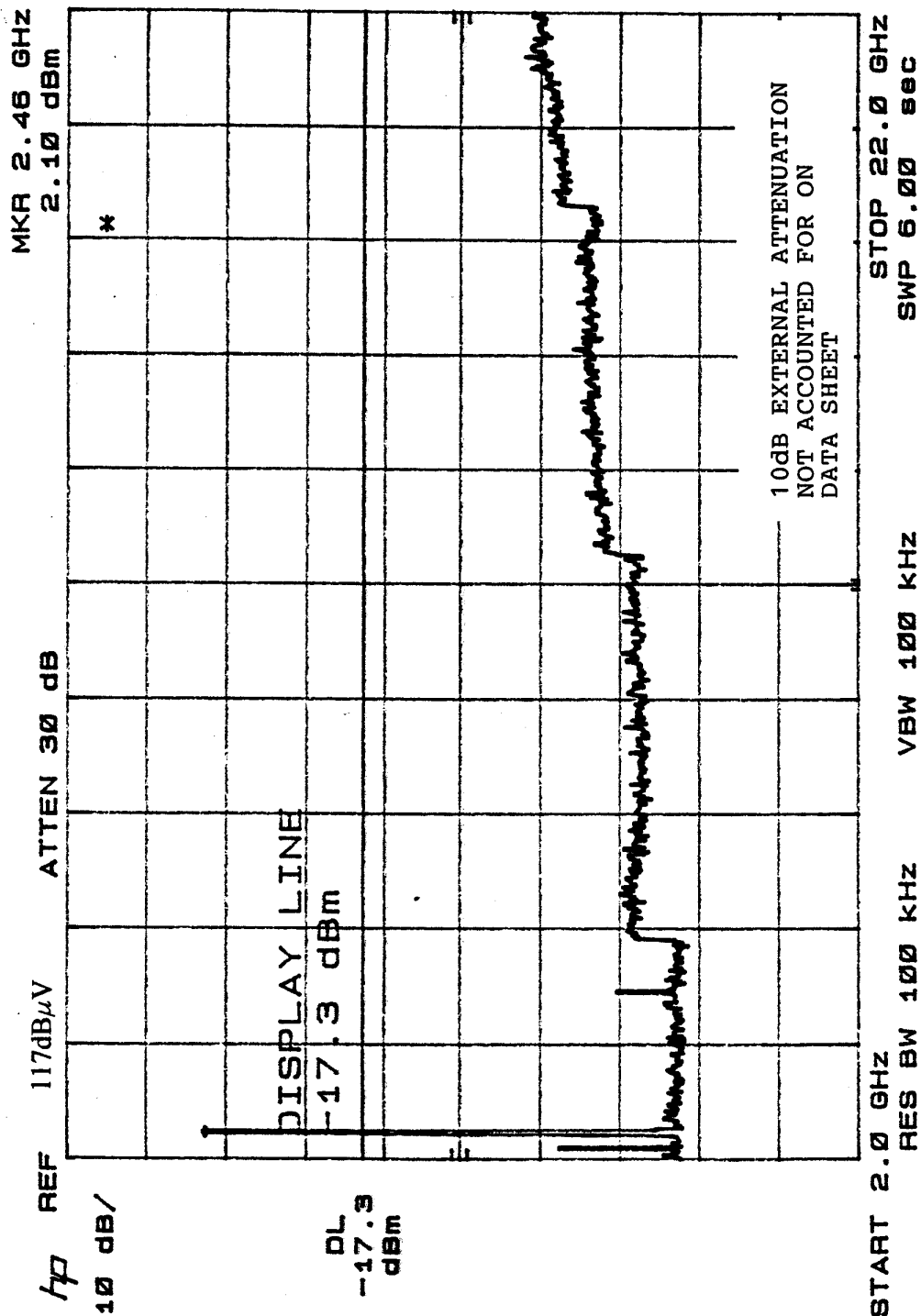
TEST: COND. SPURIOUS EUT: GE/HARRIS C.C.U. S/N: 1016
FREQ: 1-22GHz SPEC: ANT.HT/POL: N/A
DETECT: PEAK LINE UNDER TEST: 2438MHz -10 EUT POSITION: FRONT
DATE: 02/22/99 TEST SITE: ROOM 1 TESTER: *je*



DATA SHEET 6.4.3-2



TEST: COND. SPURIOUS EUT: GE/HARRIS C.C.U. S/N: 1016
FREQ: 1-22GHz ANT. HT/POL: N/A
DETECT: PEAK LINE UNDER TEST: 2467MHz EUT POSITION: FRONT
DATE: 02/22/99 TEST SITE: ROOM 1 TESTER: Jue

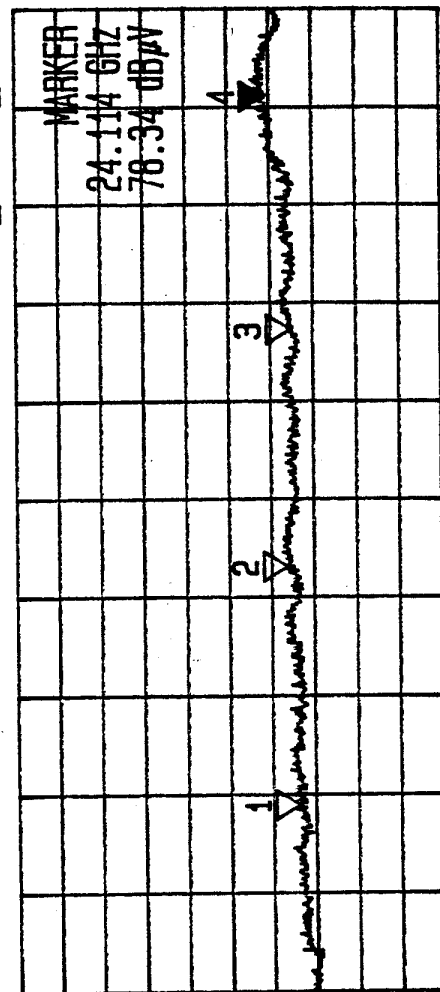


DATA SHEET 6.4.3-3



JA-1625

TEST: COND. SPURIOUS EUT: GE/HARRIS C.C.U. S/N: 1016
FREQ: 15G-25GHZ SPEC: ANT. HT/POL: N/A
DETECT: PEAK LINE UNDER TEST: 2412MHZ EUT POSITION: FRONT
DATE: 2/17/92 TEST SITE: ROOM 1 TESTER: *[Signature]*
REF 117dB μ V ATT 10 dB A view B blank



MKR
24.114 GHz

RBW 100 KHZ
VBW 100 KHZ
SWP 2.0 S

START 15.000 GHz STOP 25.000 GHz

*** Multi Marker List ***
16.900 GHz 70.72 dB μ V A
19.314 GHz 73.22 dB μ V A
21.729 GHz 72.41 dB μ V A
24.114 GHz 78.34 dB μ V A

No. 1:
No. 2:
No. 3:
No. 4:
No. 5:
No. 6:
No. 7:
No. 8:
A:

10dB EXTERNAL ATTENUATION
NOT ACCOUNTED FOR ON
DATA SHEET

JA-1625

6.4.4 Power Spectral Density 15.247(2)(d)

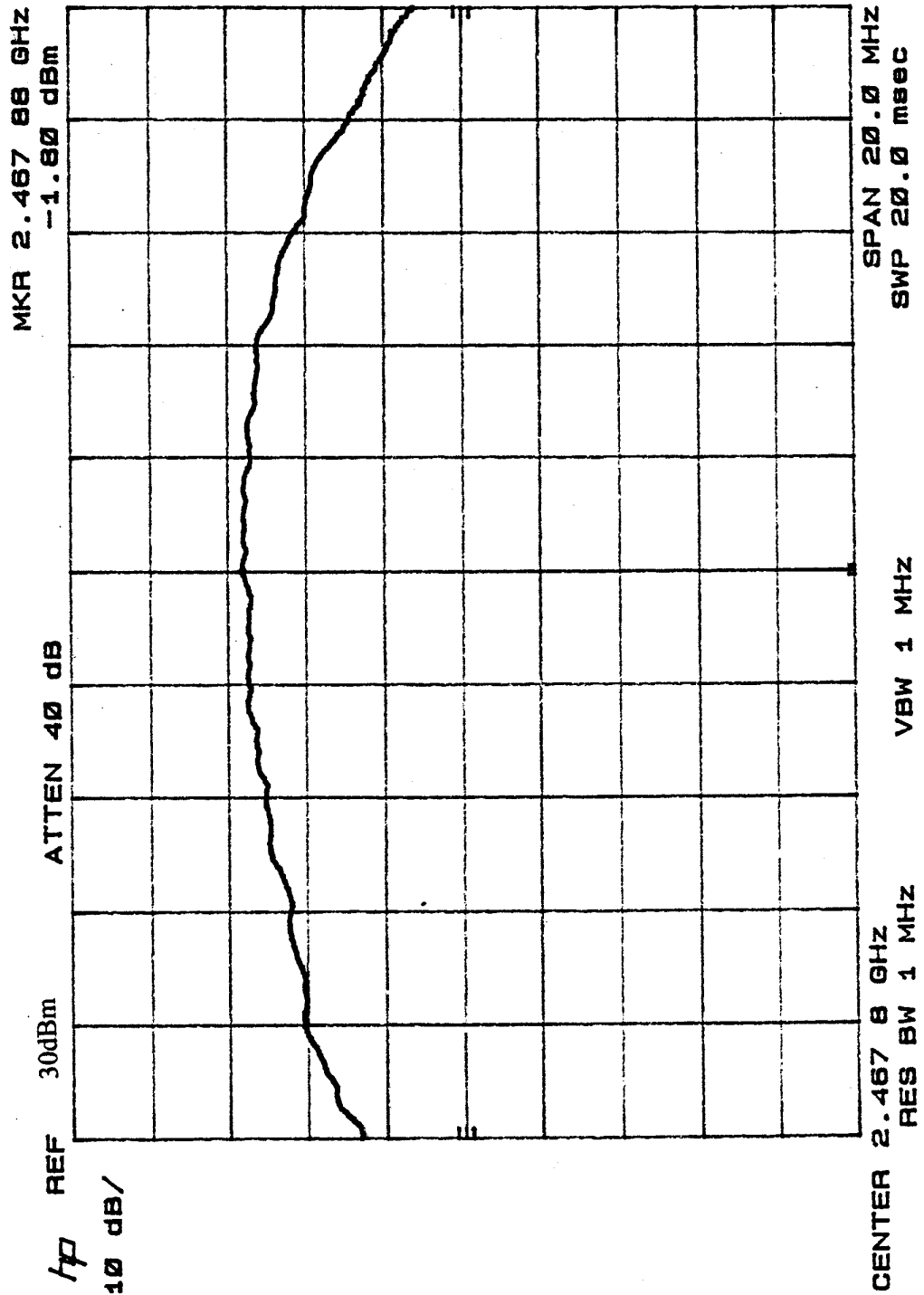
The transmitted power density averaged over a 1 second interval shall not be greater than +8dBm in any 3KHz bandwidth within the band.

The peak point was selected at the min, mid and max channels after a max hold was performed and the spectrum analyzer peak marker was positioned (Data Sheet 6.4.4-1 through 6.4.4-3). The peak frequency was used as the center frequency. The RBW was set to 3KHz and the span width of ± 1.5 MHz and sweep time of 100 seconds selected (Data Sheet 6.4.4-4 through 6.4.4-6).

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



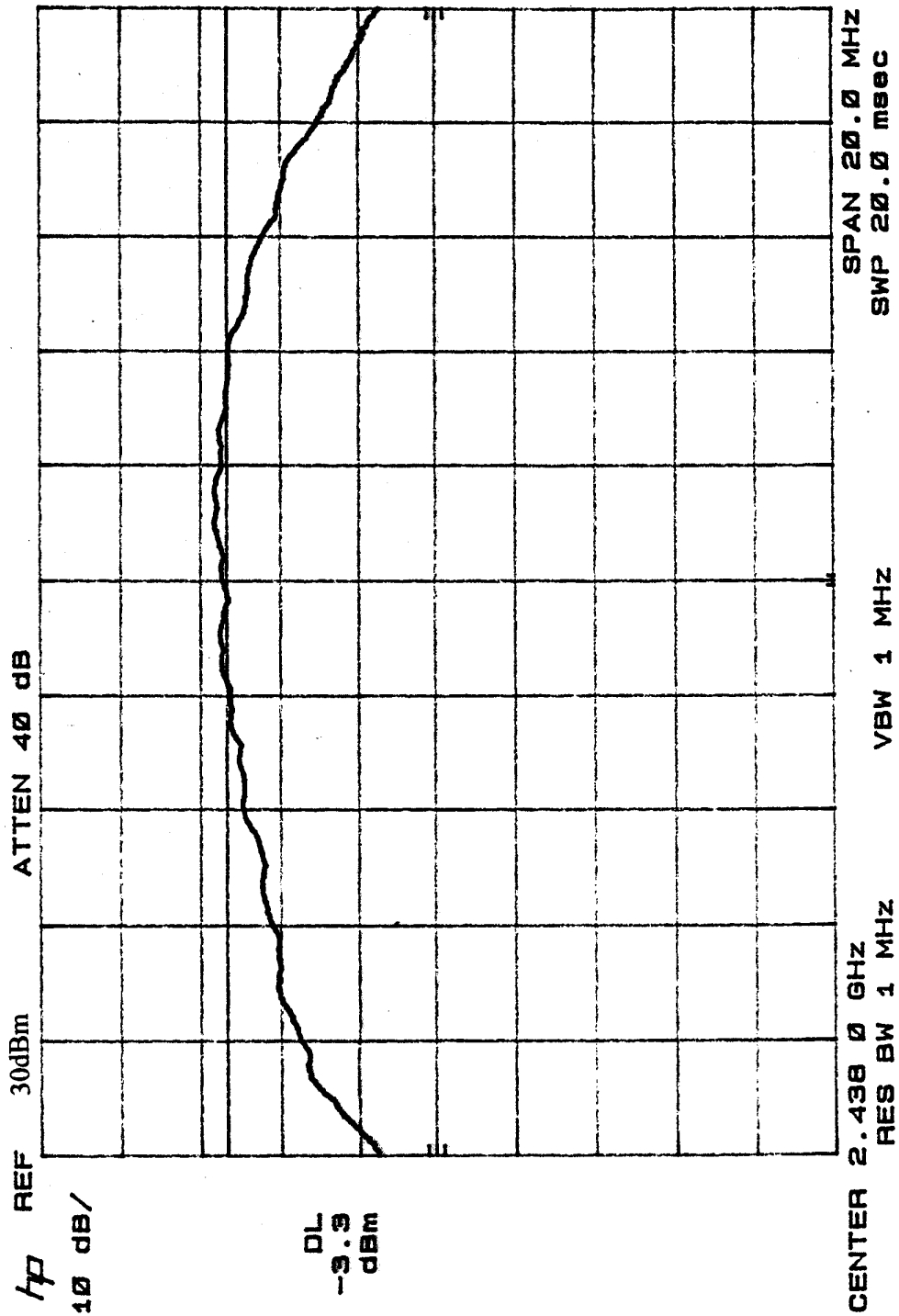
TEST: SPECTRAL DENSITY EUT: GE/HARRIS C.C.U. S/N: 1016
FREQ: 2467 MHz ANT. HT/POL: N/A
DETECT: PEAK LINE UNDER TEST: ANT. PORT EUT POSITION: FRONT
DATE: 02/23/99 TESTER: [Signature]
TEST SITE: ROOM 1



DATA SHEET 6.4.4-1



TEST: SPECTRAL DENSITY EUT: GE/HARRIS C.C.U. S/N: 1016
FREQ: 2438MHz ANT. HT/POL: N/A
DETECT: PEAK LINE UNDER TEST: ANT. PORT(-10) EUT POSITION: FRONT
DATE: 07/23/99 TEST SITE: ROOM 1 TESTER: *ghe*



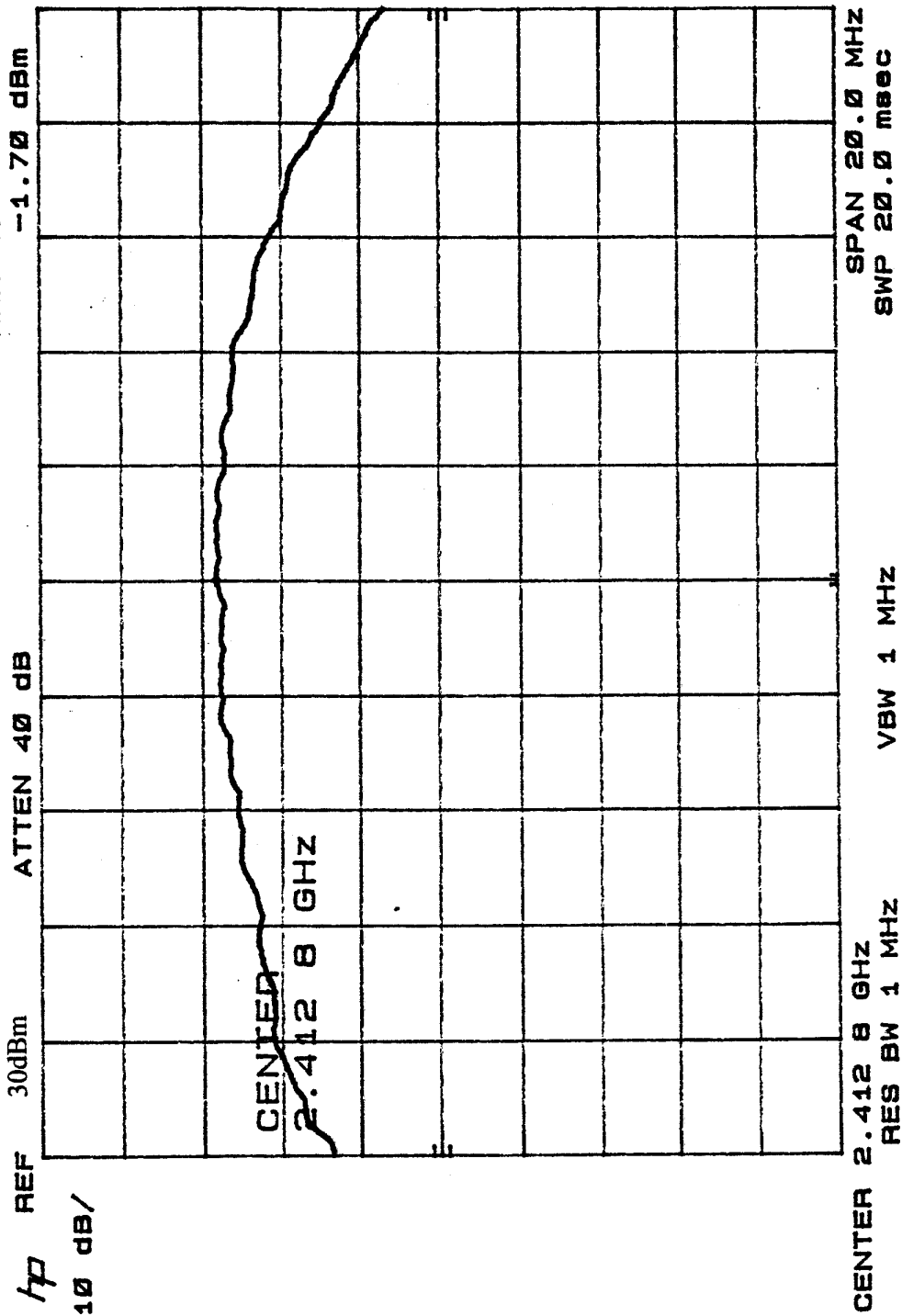
DATA SHEET 6.4.4-2



JA-1625

TEST: SPECTRAL DENSITY EUT: GE/HARRIS C.C.U. S/N: 1016
FREQ: 2412 MHz SPEC: ANT. HT/POL: N/A
DETECT: PEAK LINE UNDER TEST: ANT. PORT EUT POSITION: FRONT
DATE: 02/23/97 TEST SITE: ROOM 1 TESTER: *gss*

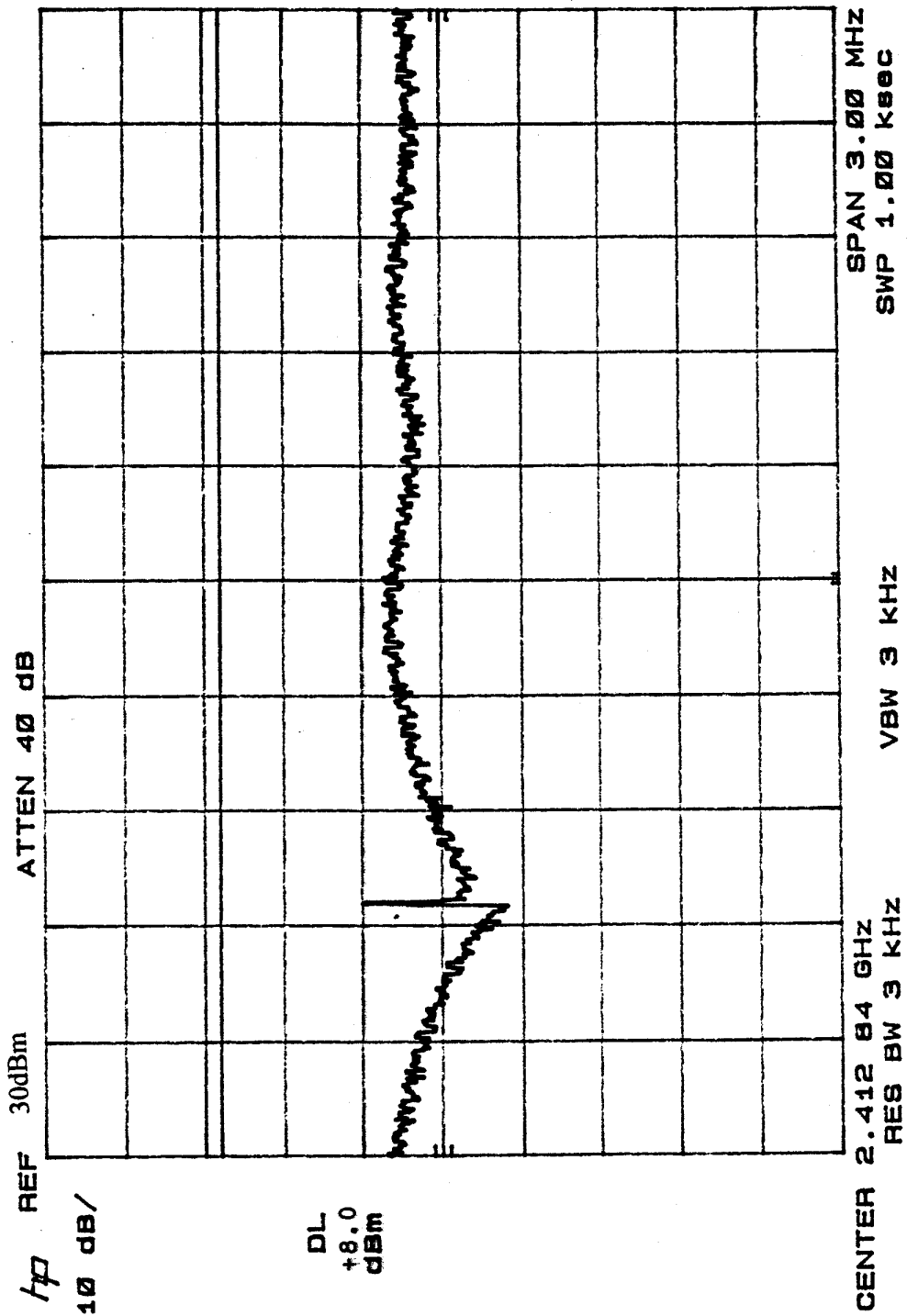
MKR 2.412 84 GHz
-1.70 dBm



DATA SHEET 6.4.4-3



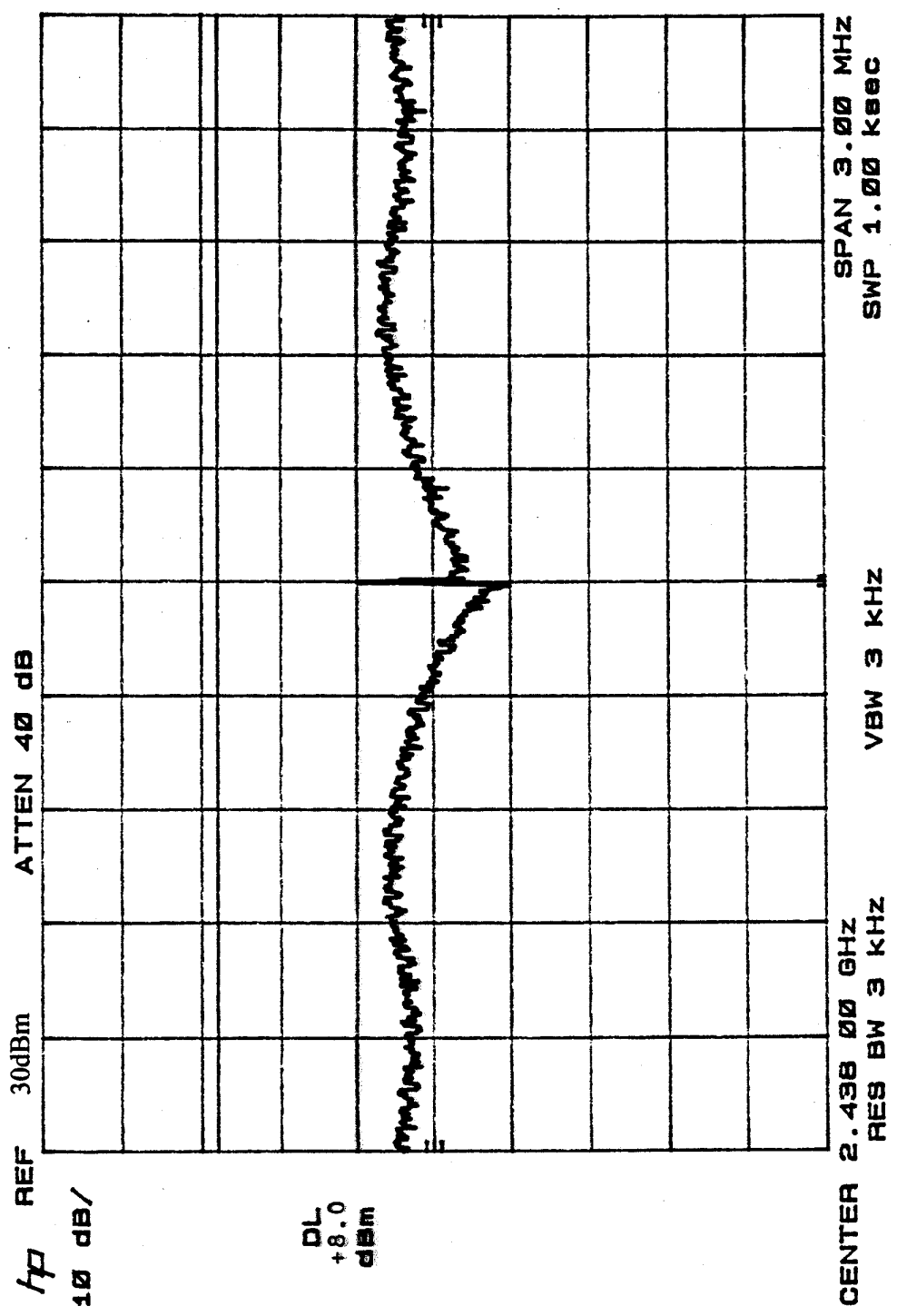
TEST: SPECTRAL DENSITY EUT: GE/HARRIS C.C.U. S/N: 1016
FREQ: 2412 MHz SPEC: ANT. HT/POL: N/A
DETECT: PEAK LINE UNDER TEST: ANT. PORT EUT POSITION: FRONT
DATE: 02/23/99 TEST SITE: ROOM 1 TESTER: JES



DATA SHEET 6.4.4-4



TEST: SPECTRAL DENSITY EUT: GE/HARRIS C.C.U. S/N: 1016
FREQ: 2438MHz SPEC: ANT.HT/POL: N/A
DETECT: PEAK LINE UNDER TEST: ANT. PORT -10 EUT POSITION: FRONT
DATE: 02/23/99 TEST SITE: ROOM 1 TESTER: *[Signature]*

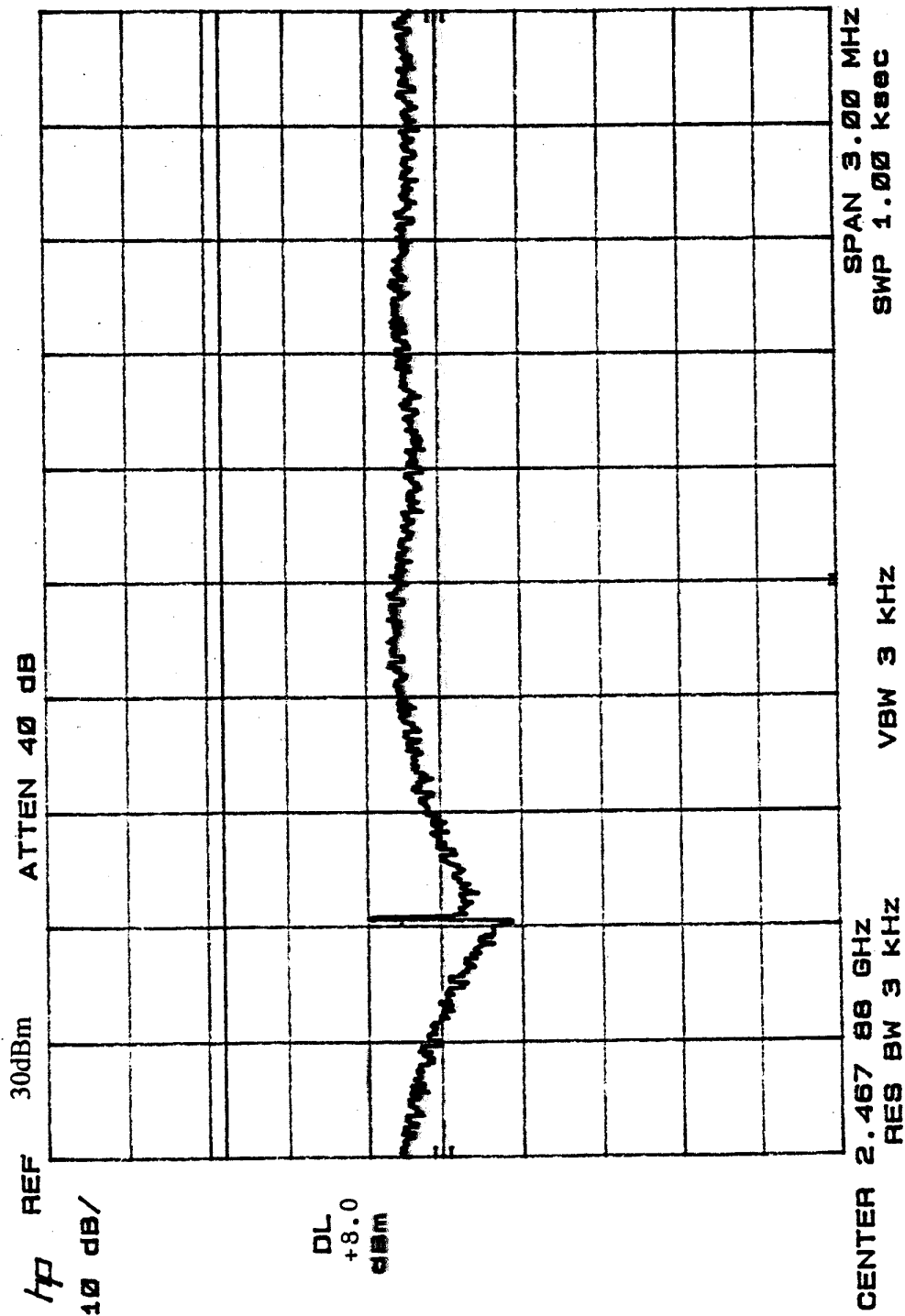


DATA SHEET 6.4.4-5



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TEST: SPECTRAL DENSITY EUT: GE/HARRIS C.C.U. S/N: 1016
FREQ: 2467 MHz SPEC: ANT. HT/POL: N/A
DETECT: PEAK LINE UNDER TEST: ANT. PORT EUT POSITION: FRONT
DATE: 02/23/99 TEST SITE: ROOM 1 TESTER: *[Signature]*



DATA SHEET 6.4.4-6

JA-1625

APPENDIX A
COMPLIANCE LETTER

FEDERAL COMMUNICATIONS COMMISSION

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

JA-1625

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