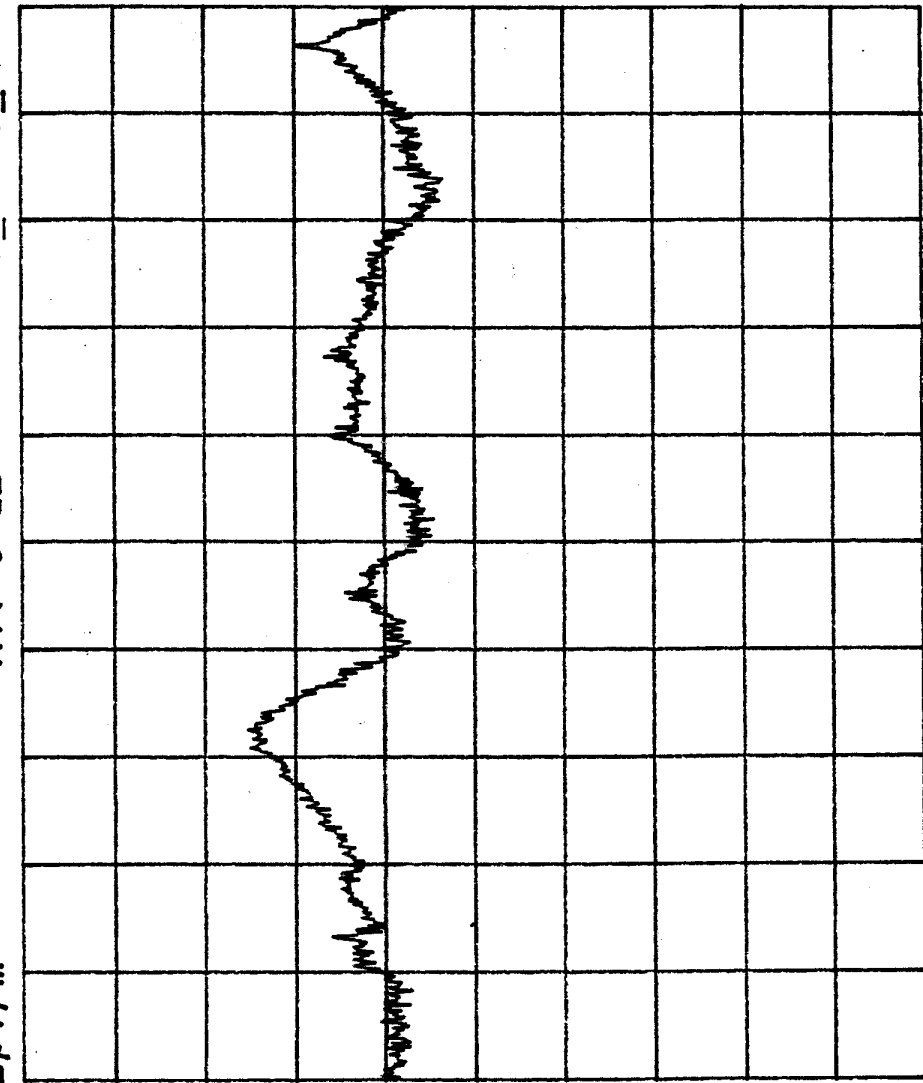




TEST: FCC RADIATED	EUT: GE/HARRIS LCM 2	S/N: 0006
FREQ: 30M-100MHz	SPEC: 15.247	ANT.HT/POL: 1M/ H
DETECTOR: PEAK	LINE UNDER TEST: N/A	EUT POSITION: FRONT
DATE: 3-8-99	TEST SITE: ROOM 1	TESTER: <i>[Signature]</i>

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



RBW 120 KHz
VBW 3 MHz
SWP 50 ms

START 30.00 MHz STOP 100.00 MHz

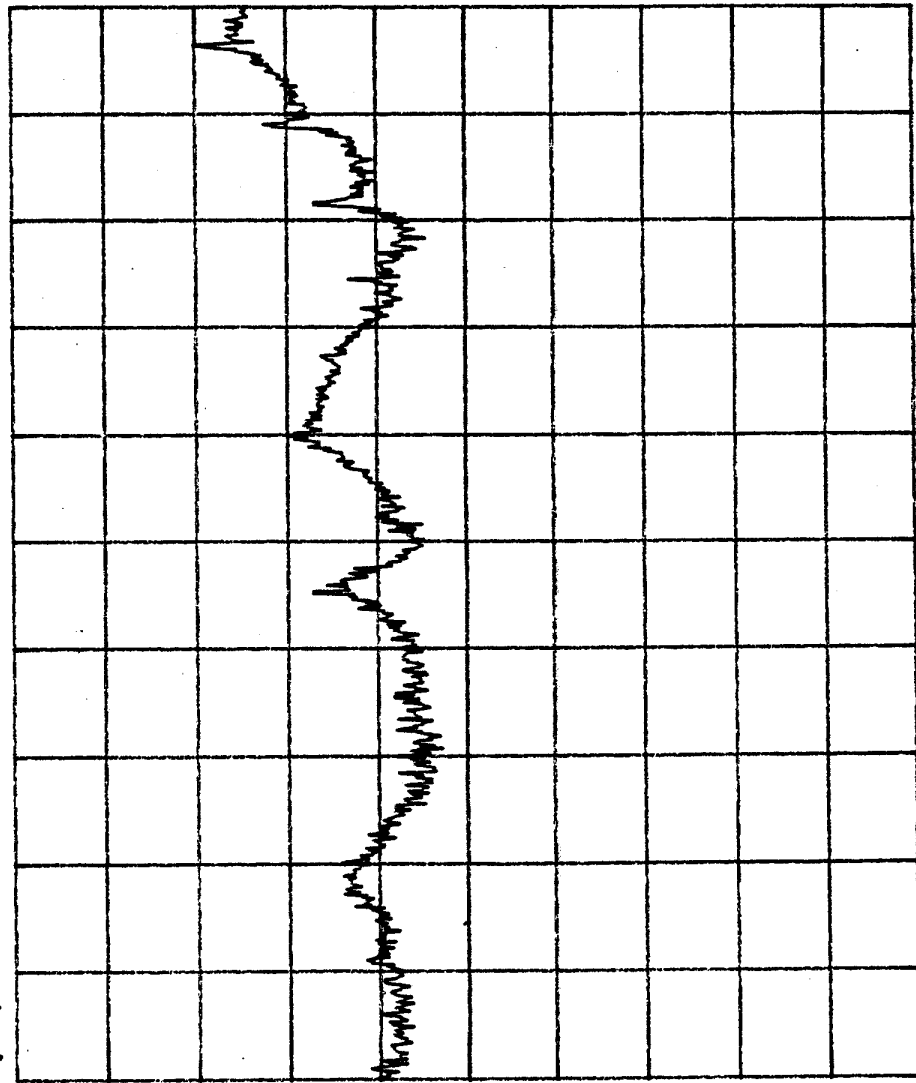
JA-1625-1

DATA SHEET 6.3.1-1



TEST: FCC RADIATED EUT: GE/HARRIS LCM 2 S/N: 0006
FREQ: 30M-100MHz SPEC: 15.247 ANT.HT/POL: 1M/ V
DETECTOR: PEAK LINE UNDER TEST: N/A EUT POSITION: FRONT
DATE: 3-8-99 TEST SITE: ROOM 1 TESTER: *AB*

REF 70.0 dB μ V/m ATT 0 dB A_view B_blank



RBW 120 KHZ
VBW 3 MHZ
SWP 50 ms

START 30.00 MHZ STOP 100.00 MHZ

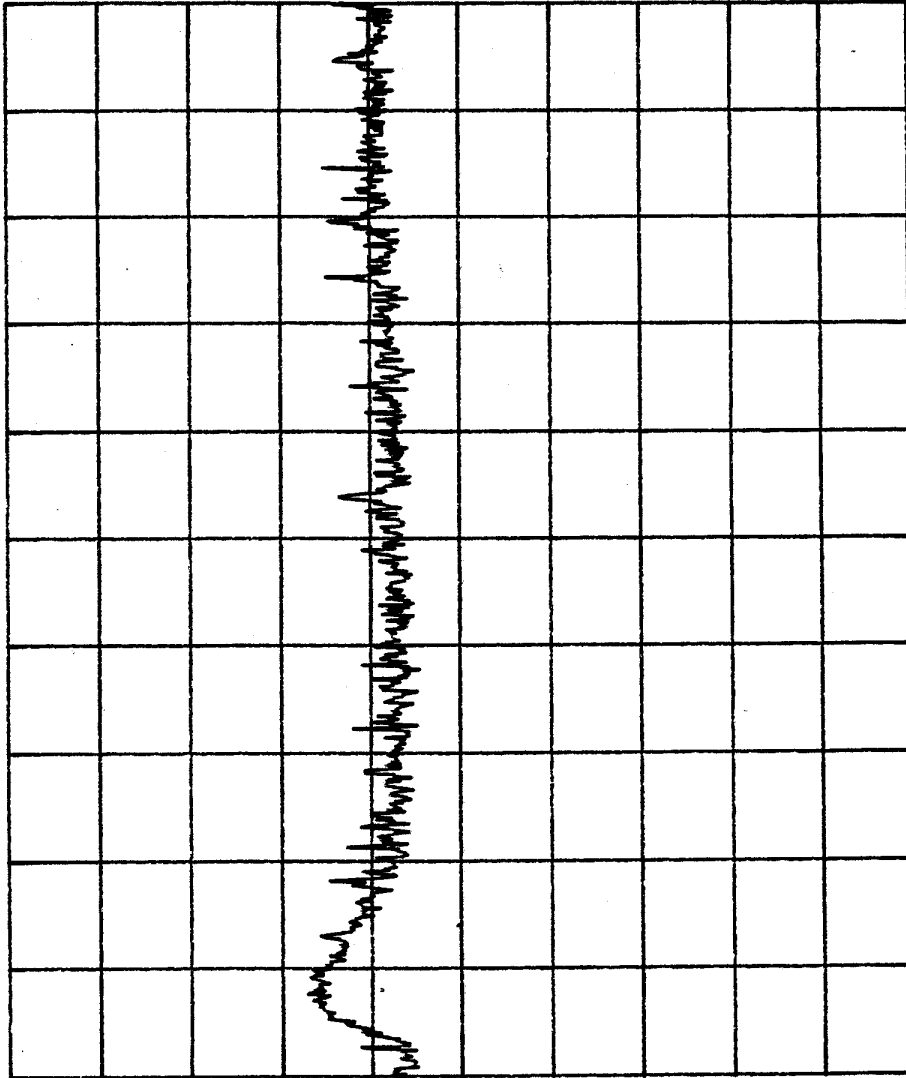
DATA SHEET 6.3.1-2

JA-1625-1



TEST: FCC RADIATED EUT: GE/HARRIS LCM 2 S/N: 0006
 FREQ: 100M-200MHz SPEC: 15.247 ANT.HT/POL: 1M/ H
 DETECTOR: PEAK LINE UNDER TEST: N/A EUT POSITION: FRONT
 DATE: 3-8-99 TEST SITE: ROOM 1 TESTER: *[Signature]*

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



RBW 120 KHZ
 VBW 3 MHZ
 SWP 50 ms

START 100.0 MHZ STOP 200.0 MHZ

DATA SHEET 6.3.1-3

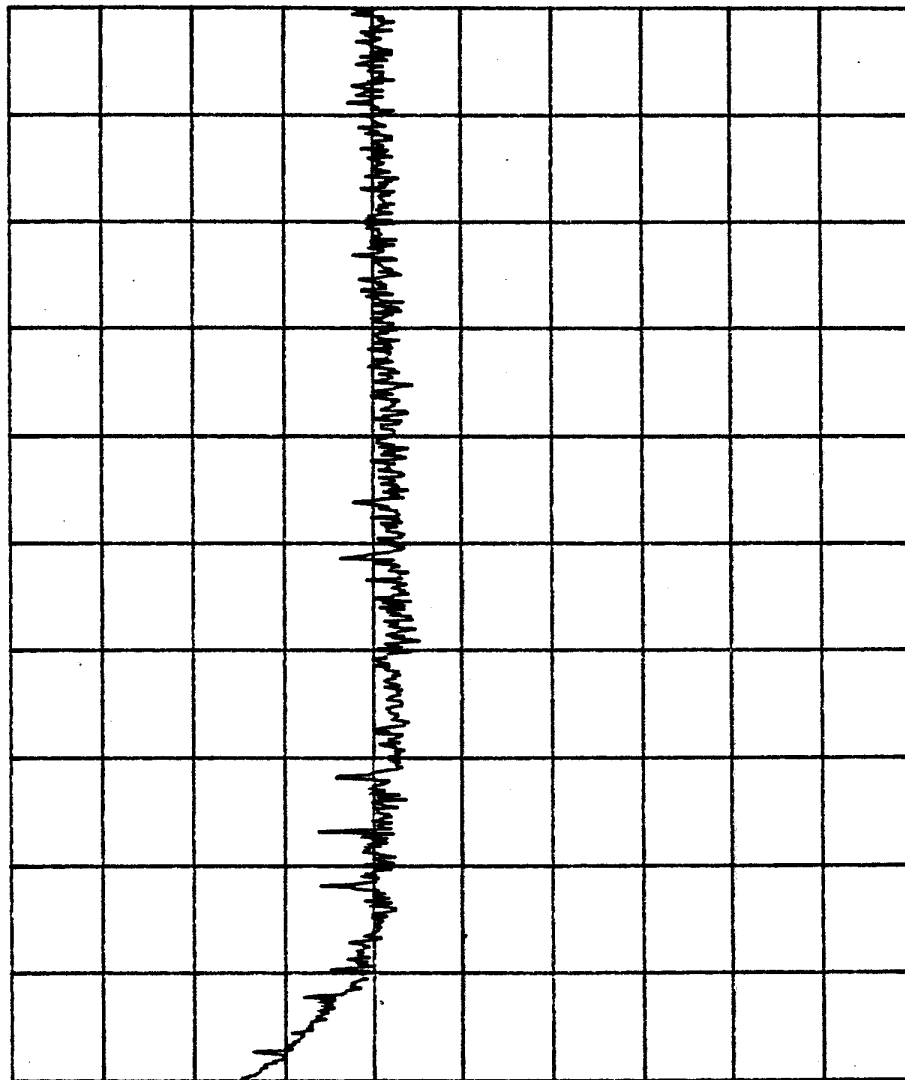


TEST: FCC RADIATED	EUT: GE/HARRIS LCM 2	S/N: 0006
FREQ: 100M-200MHz	SPEC: 15.247	ANT.HT/POL: 1M/ V
DETECTOR: PEAK	LINE UNDER TEST: N/A	EUT POSITION: FRONT
DATE: 3-8-99	TEST SITE: ROOM 1	TESTER: <u>AD</u>

REF 70.0 dB μ V/m
10dB/

ATT 0 dB

A_view B_blank



RBW 120 KHZ
VBW 3 MHZ
SWP 50 MS

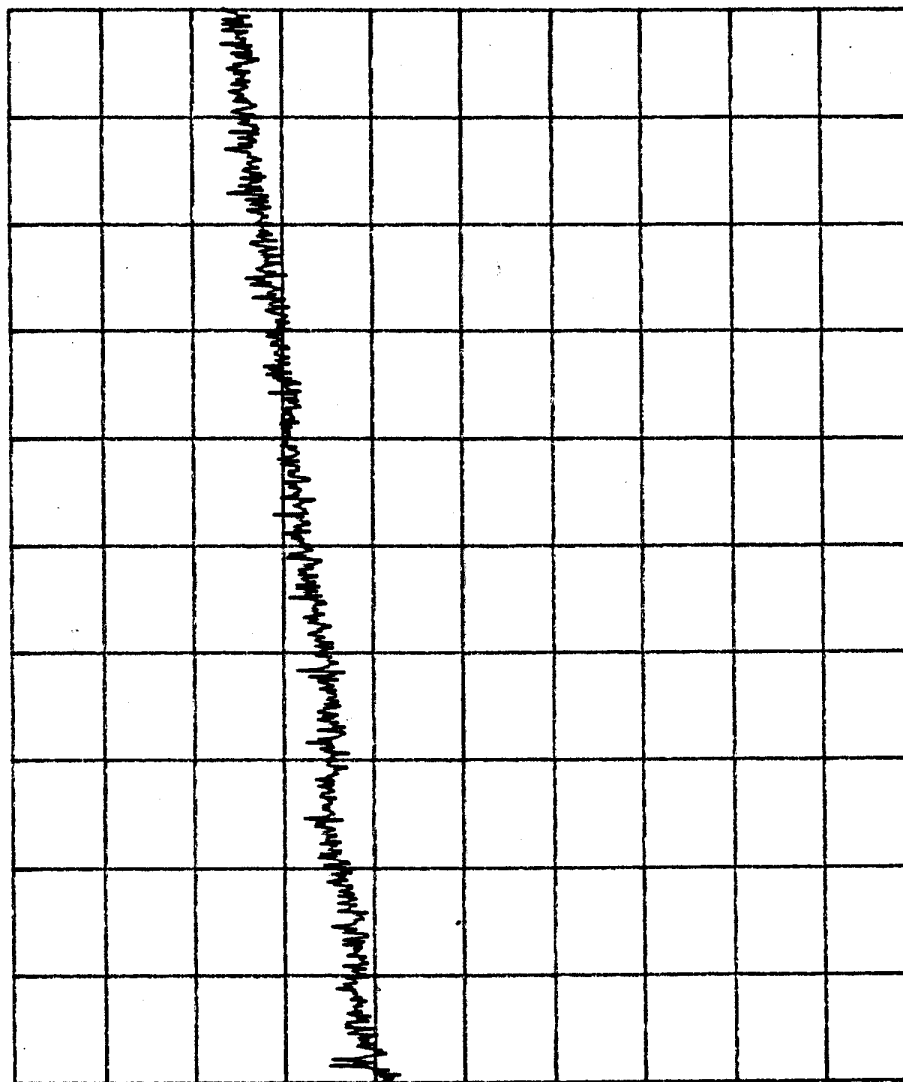
START 100.0 MHZ

STOP 200.0 MHZ



TEST: FCC RADIATED EUT: GE/HARRIS LCM 2 S/N: 0006
FREQ: 200M-1GHZ SPEC: 15.247 ANT.HT/POL: 1M/ H
DETECTOR: PEAK LINE UNDER TEST: N/A EUT POSITION: FRONT
DATE: 3-8-99 TEST SITE: ROOM 1 TESTER: AB

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



RBW 120 KHZ
VBW 3 MHZ
SWP 250 ms

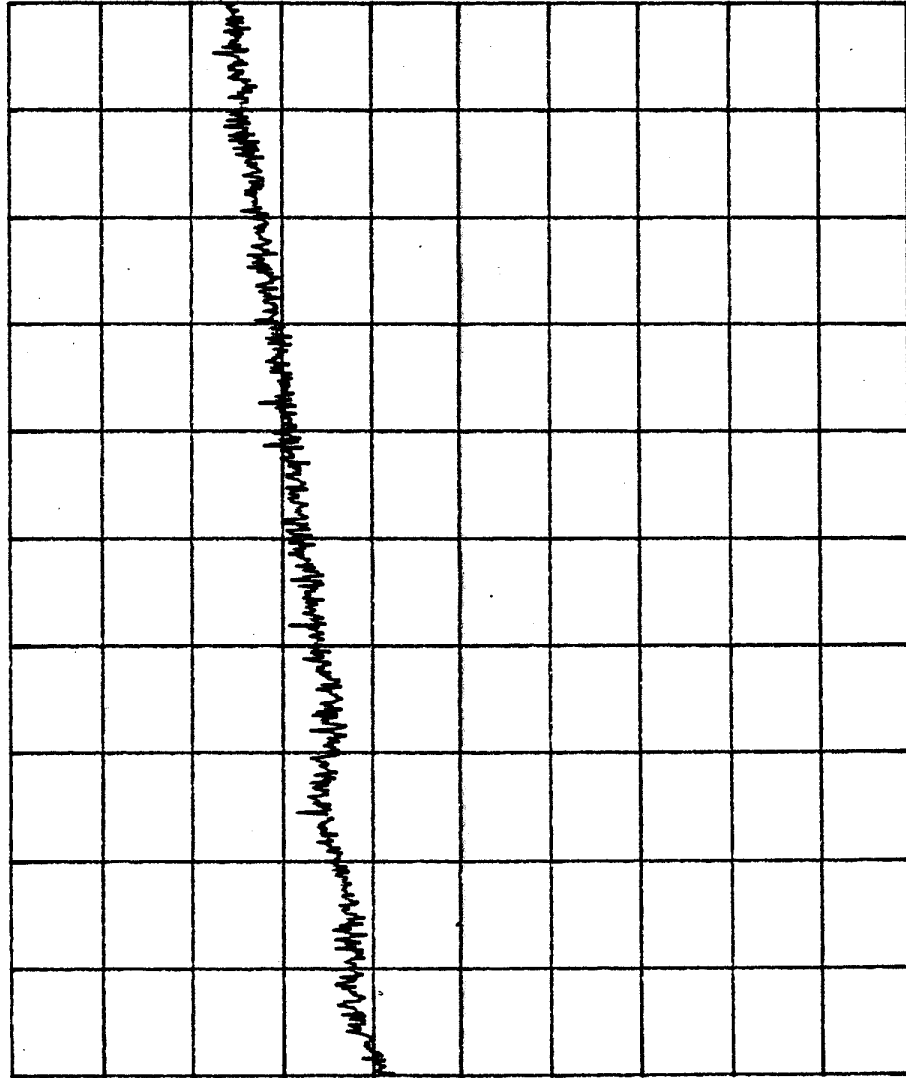
START 200.0 MHZ STOP 1.000 GHZ

DATA SHEET 6.3.1-5



TEST: FCC RADIATED EUT: GE/HARRIS LCM 2 S/N: 0006
FREQ: 200M-1GHZ SPEC: 15.247 ANT.HT/POL: 1M/ V
DETECTOR: PEAK LINE UNDER TEST: N/A EUT POSITION: FRONT
DATE: 3-8-99 TEST SITE: ROOM 1 TESTER: *[Signature]*

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



RBW 120 KHZ
VBW 3 MHZ
SWP 250 MS

START 200.0 MHZ STOP 1.0000 GHZ

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 for the LCM2 and Table 6.3.2-2 for the LCM4. Plots of the 30MHz-1GHz range are presented in Data Sheets 6.3.2-1 through 6.3.2-6. No signals were found in this range. Ambient data is presented in Data Sheets 6.3.2-7 through 6.3.2-12.

Close-in measurement plots of the transmitter min, mid and high channels are shown in Data Sheets 6.3.2-13 through 6.3.2-15. 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 third harmonic.

Data plots are presented in these groups:

Data Sheets 6.3.2-1 through 6.3.2-6 30MHz-1GHz Quasi Peak Detector
 Data Sheets 6.3.2-7 through 6.3.2-12 30MHz-1GHz Ambients
 Data Sheets 6.3.2-13 through 6.3.2-15 Close-in TX Frequency (Max Polarization)
 Data Sheets 6.3.2-16 through 6.3.2-21 Peak Sweeps 1GHz-25GHz

JA-1625-1

TABULATED LIST
LCM2

Duty Cycle Factor = 20dB

	Pol.	Meter Reading	Attn. Factor	Cable Loss	Gain	Cor. Level Peak	Cor. Level Average
2412	H	75.7	29.2	3.6	0	108.5	
2412	V	65.2	29.2	3.6	0	98	
2438	H	75.7	29.2	3.6	0	108.5	
2438	V	65.2	29.2	3.6	0	98	
2467	H	74.2	29.2	3.6	0	107	
2467	V	64.2	29.2	3.6	0	97	
4824	H	29	34	5.0	-20	48	28.0
4824	V	27	34	5.0	-20	46	26.0
4876	H	31.6	34	5.0	-20	50.6	30.6
4876	V	29	34	5.0	-20	48	28.0
4934	H	29	34	5.0	-20	48	28.0
4934	V	30	34	5.0	-20	49	29.0
7236	H	28.3	36	11.7	-20	56	36.0
7236	V	25.3	36	11.7	-20	53	33.0
7314	H	30.6	36	11.7	-20	58.3	38.3
7314	V	23.1	36	11.7	-20	50.8	30.8
7401	H	24.3	36	11.7	-20	52	32.0
7401	V	23.3	36	11.7	-20	51	31.0
9725	H	27	38	17	-20	62	42
12190	H	24.5	39.5	19	-20	63	43
14628	H	25	41	21	-20	67	47
9725	V	26	38	17	-20	61	41

NOTE: No other signals above noise floor to 25GHz.

TABLE 6.3.2-1

JA-1625-1

TABULATED LIST
LCM4

Duty Cycle Factor = 20dB

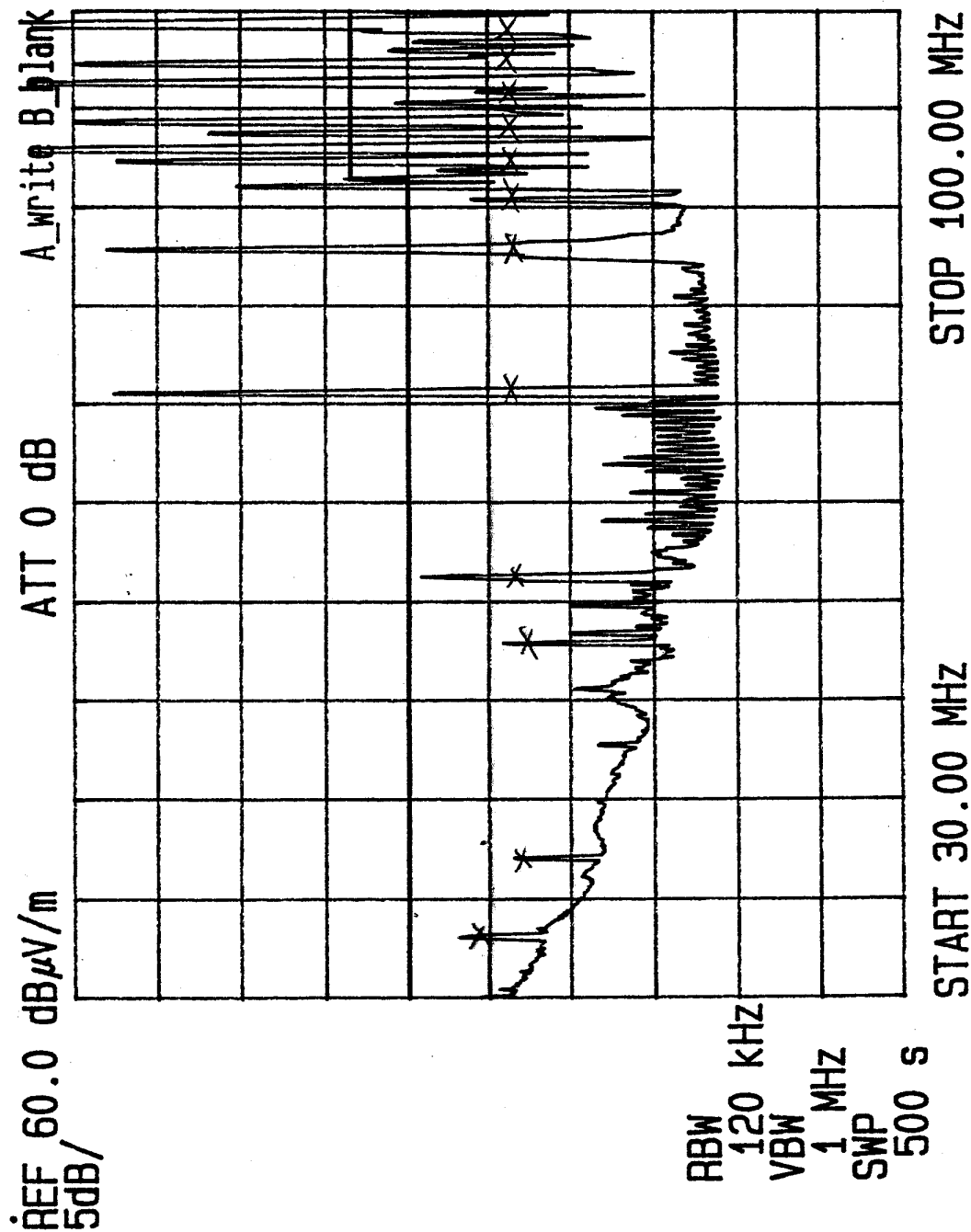
	Pol.	Meter Reading	Attn. Factor	Cable Loss	Gain	Cor. Level Peak	Cor. Level Average
2412	H	72.9	29.2	3.6	0	105.7	
2412	V	62.4	29.2	3.6	0	95.2	
2438	H	72.9	29.2	3.6	0	105.7	
2438	V	62.4	29.2	3.6	0	95.2	
2467	H	72.1	29.2	3.6	0	104.9	
2467	V	62.1	29.2	3.6	0	94.9	
4824	H	30	34	5.0	-20	49	29.0
4824	V	29	34	5.0	-20	48	28.0
4876	H	29.5	34	5.0	-20	48.5	28.5
4876	V	28	34	5.0	-20	47	27.0
4934	H	30	34	5.0	-20	49	29.0
4934	V	28	34	5.0	-20	47	27.0
7236	H	27.8	36	11.7	-20	55.5	35.5
7236	V	27.2	36	11.7	-20	49	29.0
7314	H	33.3	36	11.7	-20	55	35.0
7314	V	26.3	36	11.7	-20	48	28.0
7401	H	29.2	36	11.7	-20	51	31.0
7401	V	26.3	36	11.7	-20	48	28.0

NOTE: No other signals above noise floor to 25GHz.

TABLE 6.3.2-2



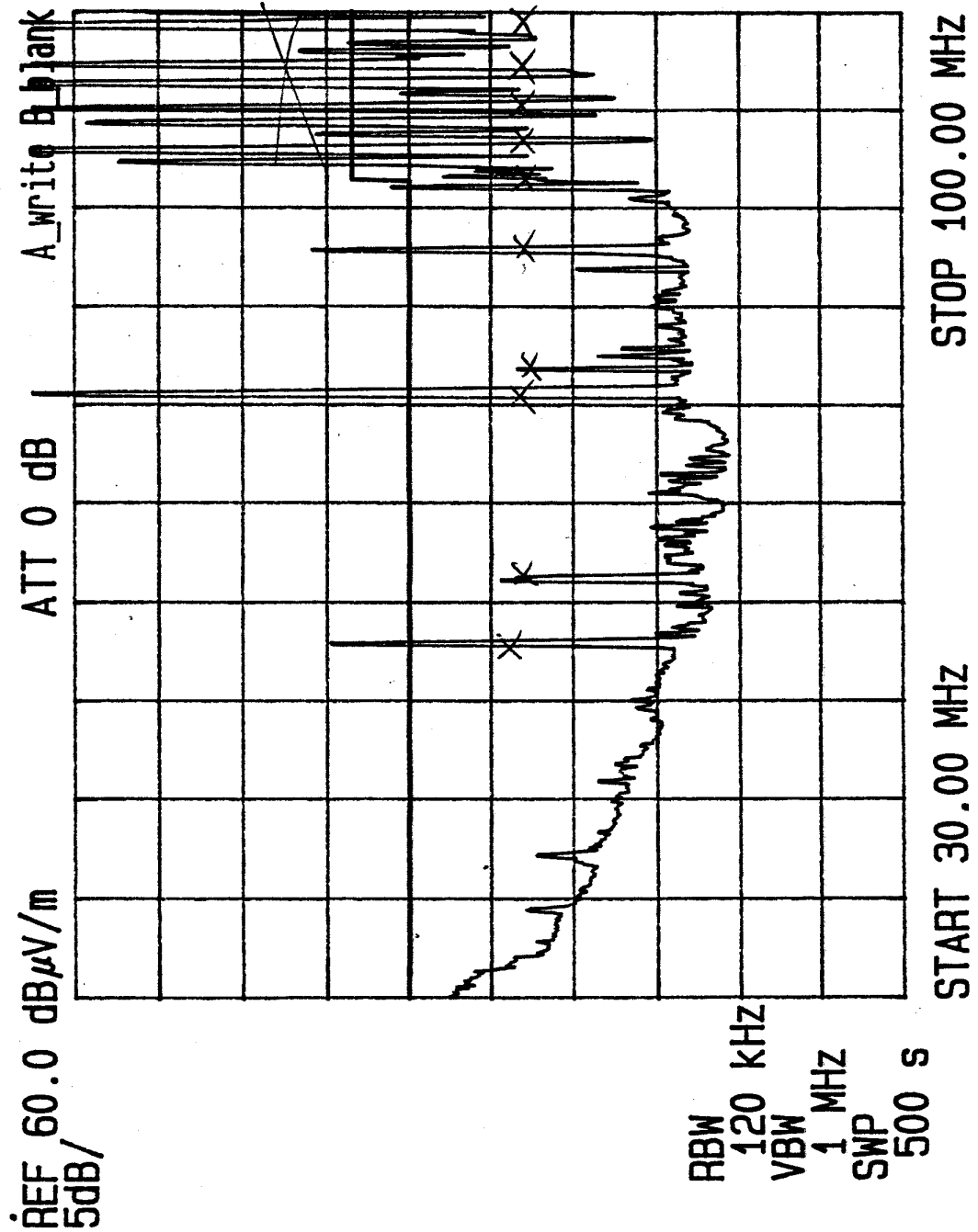
TEST: FCC RADIATED EUT: GE/HARRIS LCM 2 S/N: 0006
FREQ: 30M-100MHz SPEC: 15.247 ANT. HT/POL: 1.5m | H
DETECTOR: QUASI PEAK LINE UNDER TEST: N/A EUT POSITION: D
DATE: 3-9-99 TEST SITE: 3 METER TESTER: AB



DATA SHEET 6.3.2-1



TEST: FCC RADIATED	EUT: GE/HARRIS LCM 2	S/N: 0006
FREQ: 30M-100MHz	SPEC: 15.247	ANT. HT/POL: 1.75m \ V
DETECTOR: QUASI PEAK	LINE UNDER TEST: N/A	EUT POSITION: 0'
DATE: 3-9-99	TEST SITE: 3 METER	TESTER: AB

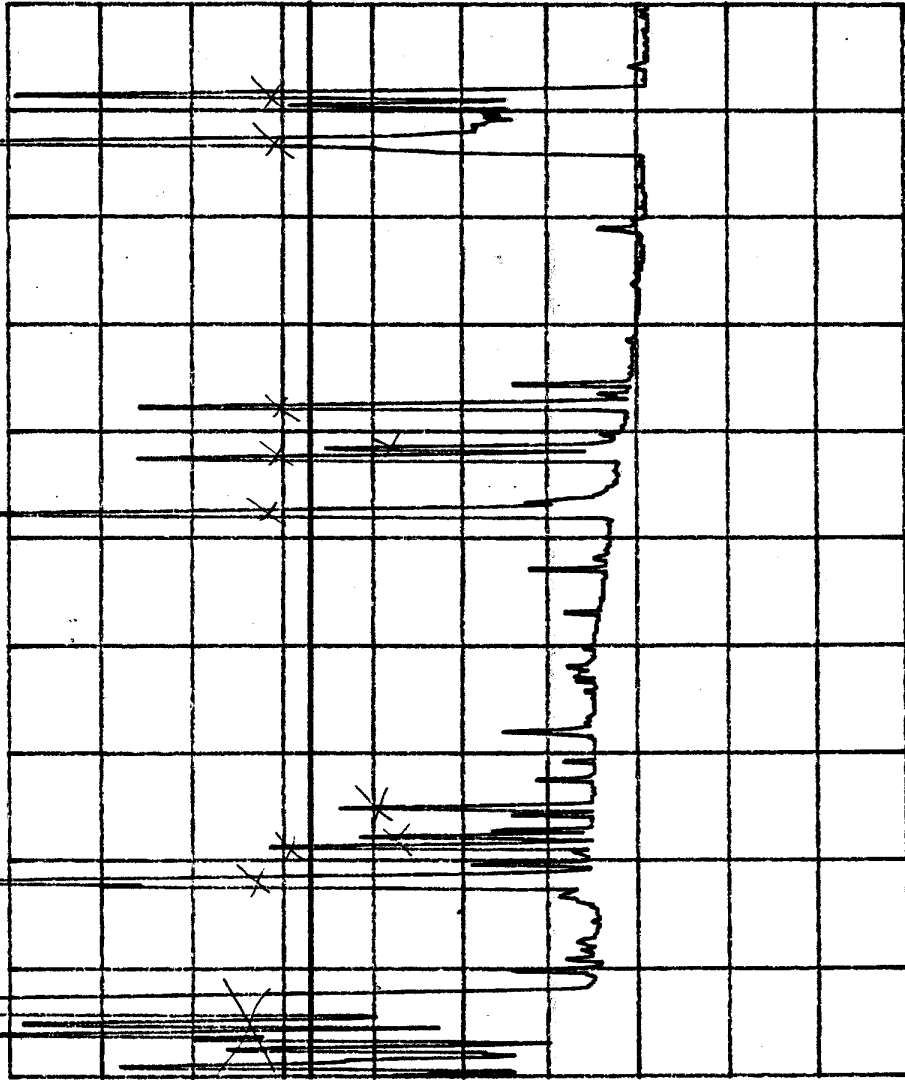


DATA SHEET 6.3.2-2



TEST: FCC RADIATED EUT: GE/HARRIS LCM 2 S/N: 0006
FREQ: 100M-200MHZ SPEC: 15.247 ANT.HT/POL: 1.5m H
DETECTOR: QUASI PEAK LINE UNDER TEST: N/A EUT POSITION: 0"
DATE: 3-9-99 TEST SITE: 3 METER TESTER: *AD*

REF 60.0 dB μ V/m ATT 0 dB A_write B_blank
5dB/



RBW 120 KHZ
VBW 1 MHZ
SWP 500 S

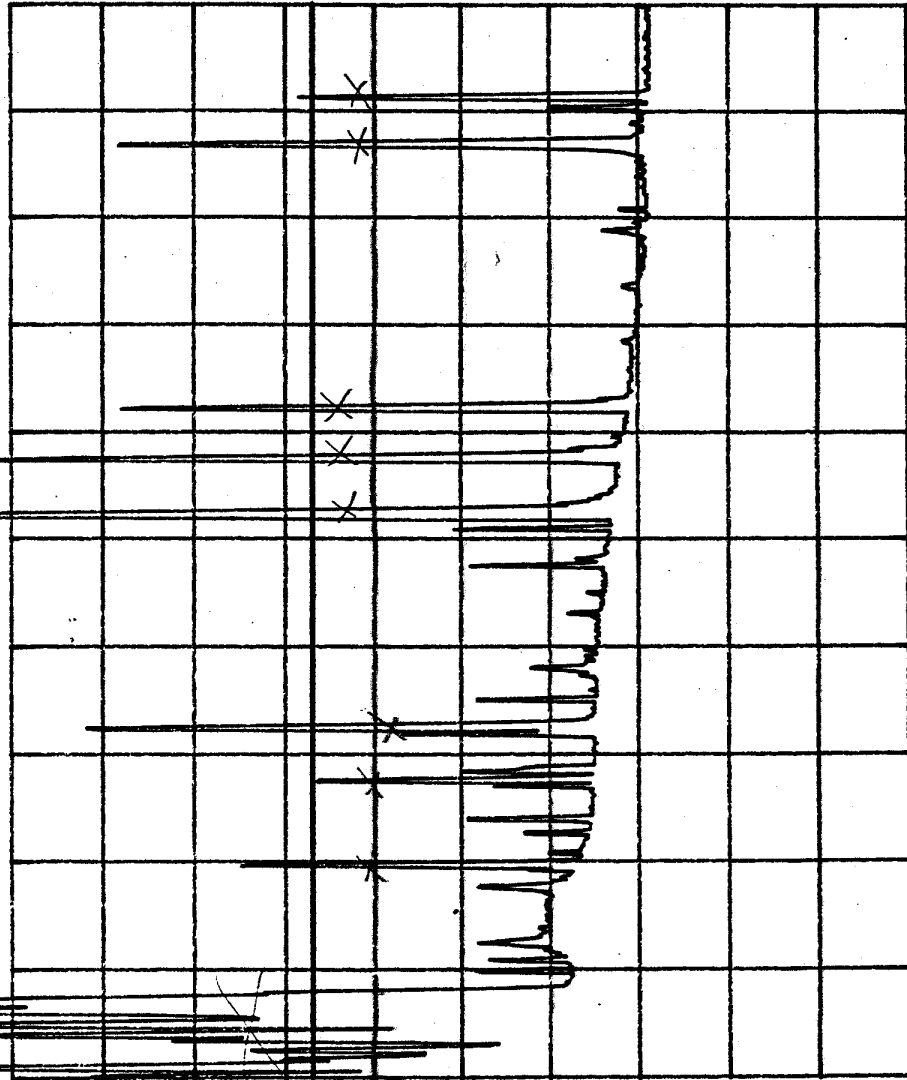
START 100.0 MHZ STOP 200.0 MHZ

DATA SHEET 6.3.2-3



TEST: FCC RADIATED EUT: GE/HARRIS LCM 2 S/N: 0006
FREQ: 100M-200MHz SPEC: 15.247 ANT. HT/POL: 1.75m \ V
DETECTOR: QUASI PEAK LINE UNDER TEST: N/A EUT POSITION: 0°
DATE: 3-9-99 TEST SITE: 3 METER TESTER: *[Signature]*

REF 60.0 dBμV/m ATT 0 dB A_write B_blank



RBW 120 KHz
VBW 1 MHz
SWP 500 S

START 100.0 MHz STOP 200.0 MHz

DATA SHEET 6.3.2-4

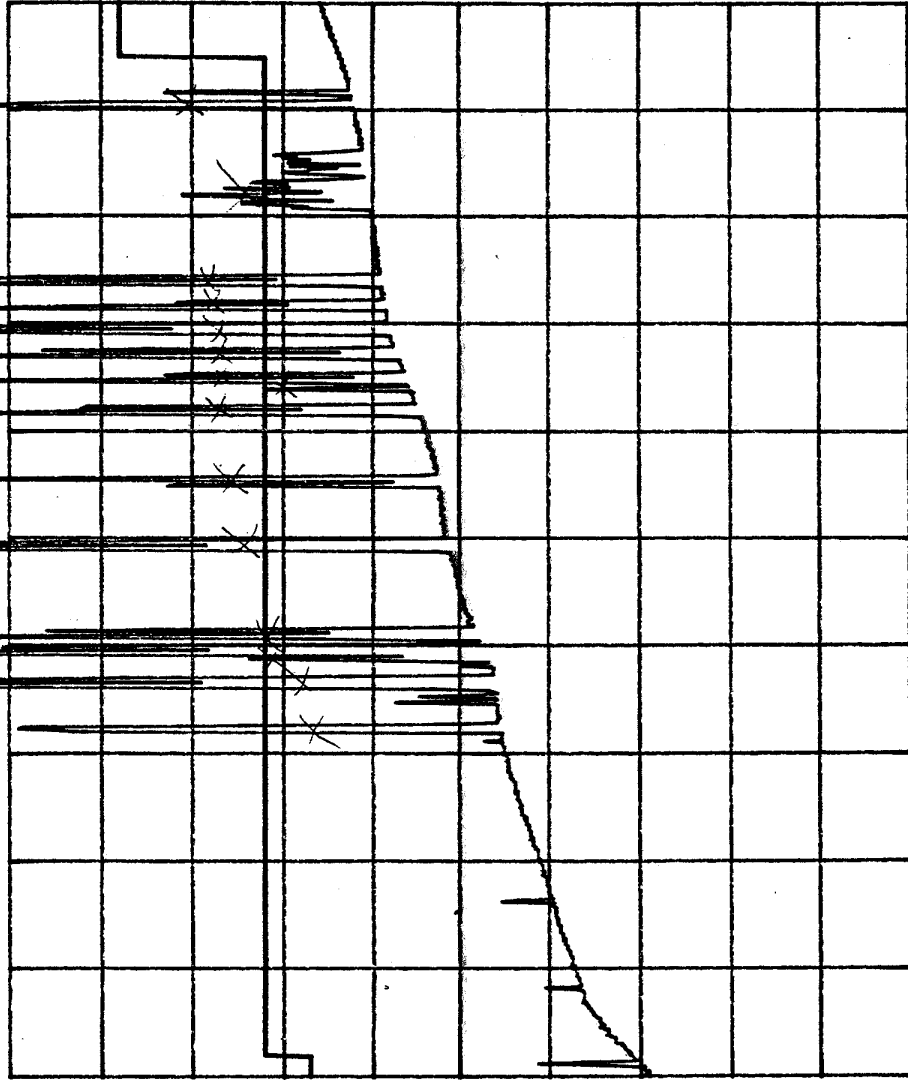


TEST: FCC RADIATED EUT: GE/HARRIS LCM 2 S/N: 0006
FREQ: 200M-1GHZ SPEC: 15.247 ANT. HT/POL: 1.5m H
DETECTOR: QUASI PEAK LINE UNDER TEST: N/A EUT POSITION: 0°
DATE: 3-9-99 TEST SITE: 3 METER TESTER: *AB*

REF 60.0 dB μ V/m
5dB/

ATT 9 dB

A_write B_blank



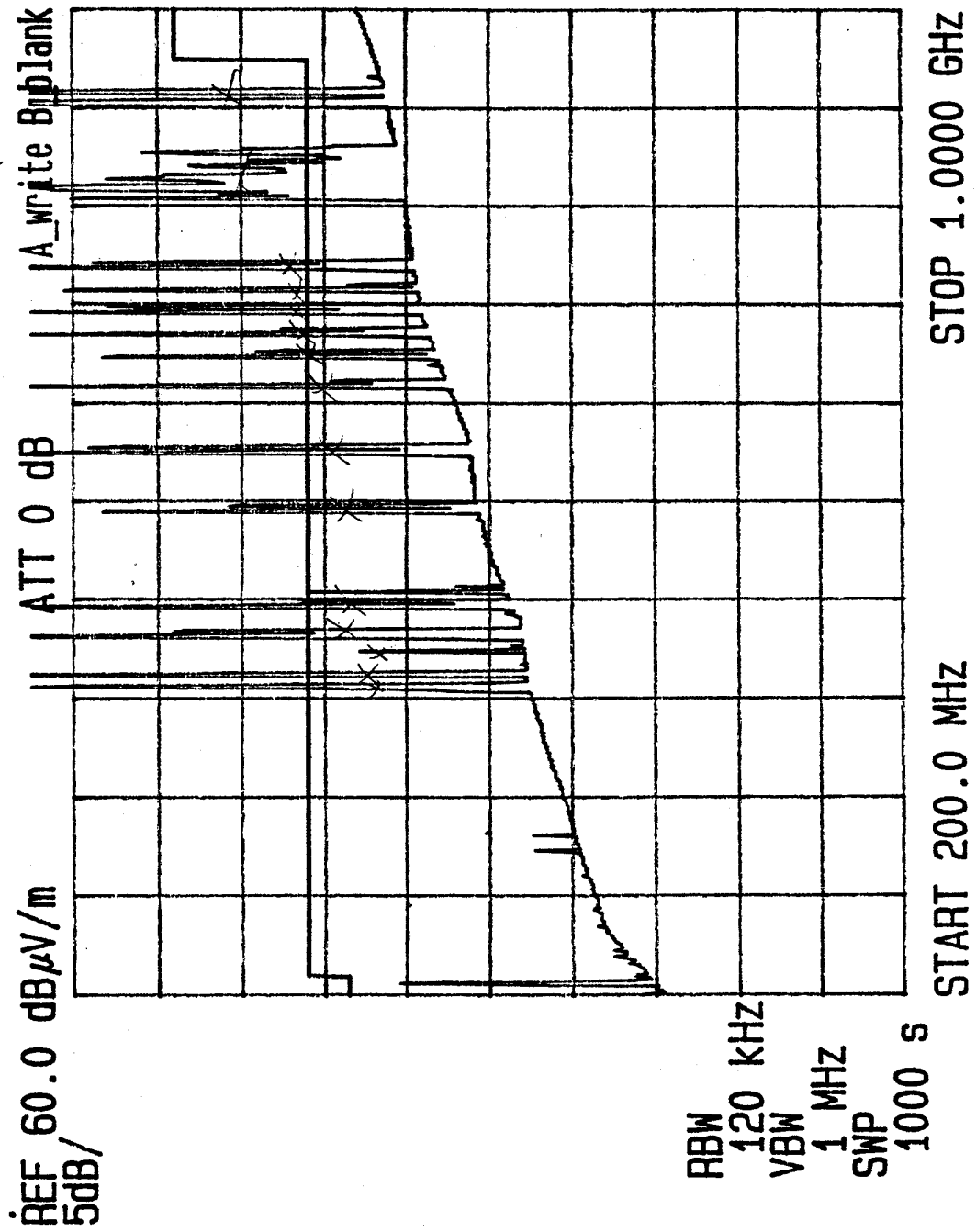
RBW 120 KHZ
VBW 1 MHZ
SWP 1000 S

START 200.0 MHZ STOP 1.0000 GHZ

DATA SHEET 6.3.2-5



TEST: FCC RADIATED EUT: GE/HARRIS LCM 2 S/N: 0006
FREQ: 200M-1GHZ SPEC: 15.247 ANT. HT/POL: 1.75m/V
DETECTOR: QUASI PEAK LINE UNDER TEST: N/A EUT POSITION: 0
DATE: 3-9-99 TEST SITE: 3 METER TESTER: AB

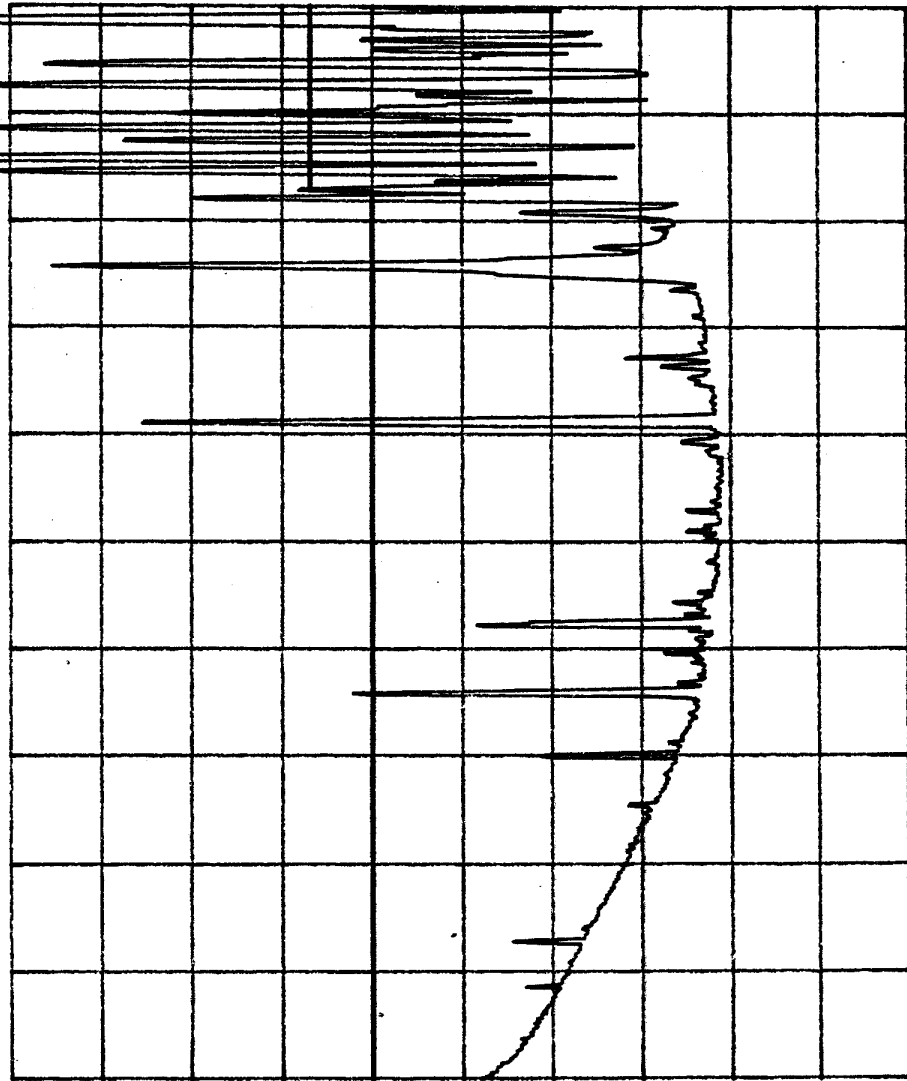


DATA SHEET 6.3.2-6



TEST: FCC RADIATED EUT: GE/HARRIS LCM 2 S/N: 0006
FREQ: 30M-100MHZ SPEC: 15.247 ANT. HT/POL: 1.5m \ H
DETECTOR: Q PEAK AMB. LINE UNDER TEST: N/A EUT POSITION: -
DATE: 3-9-99 TEST SITE: 3 METER TESTER: *AB*

REF 60.0 dB μ V/m ATT 0 dB A_write B_blank



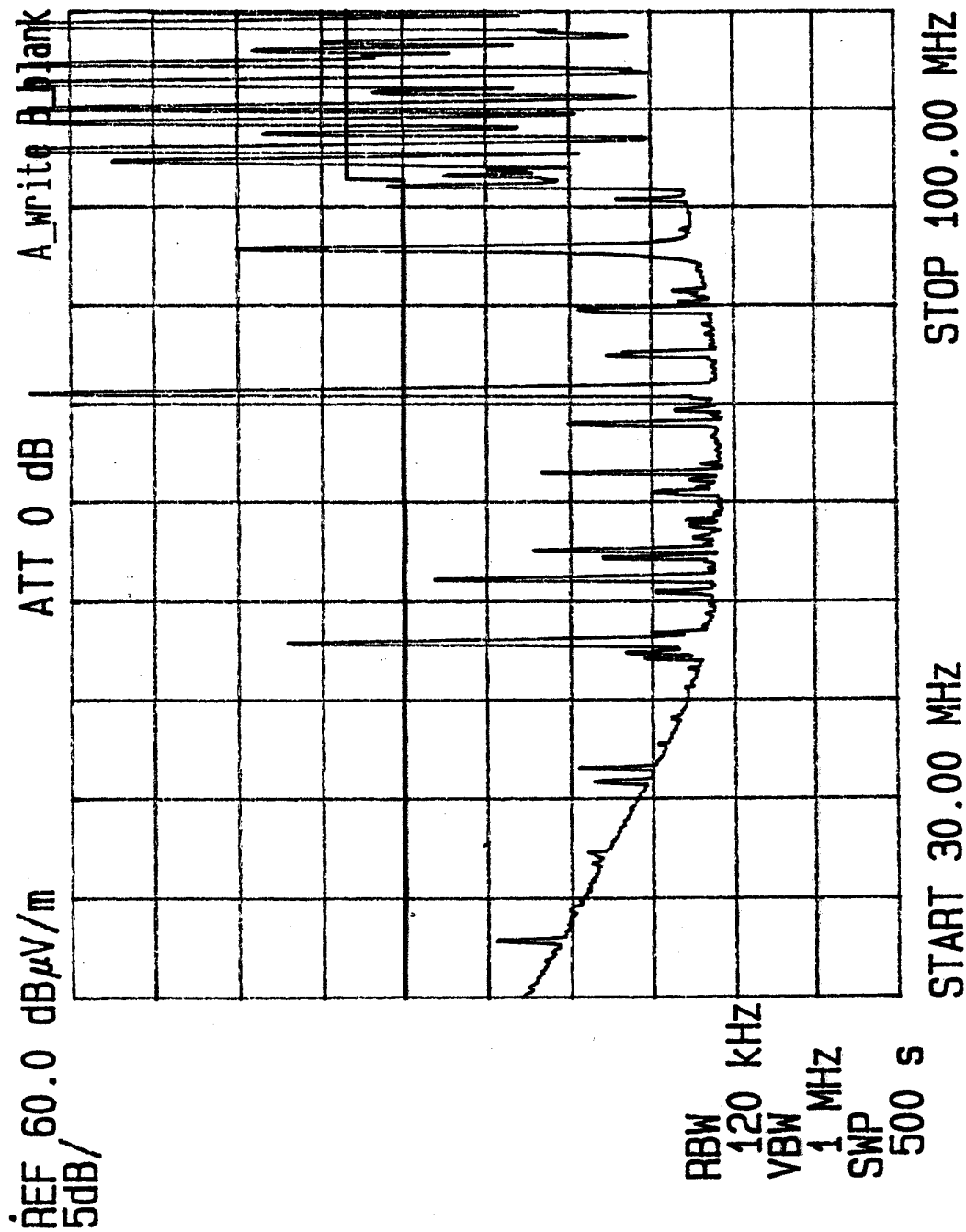
RBW 120 KHZ
VBW 1 MHZ
SWP 500 S

START 30.00 MHZ STOP 100.00 MHZ

DATA SHEET 6.3.2-7



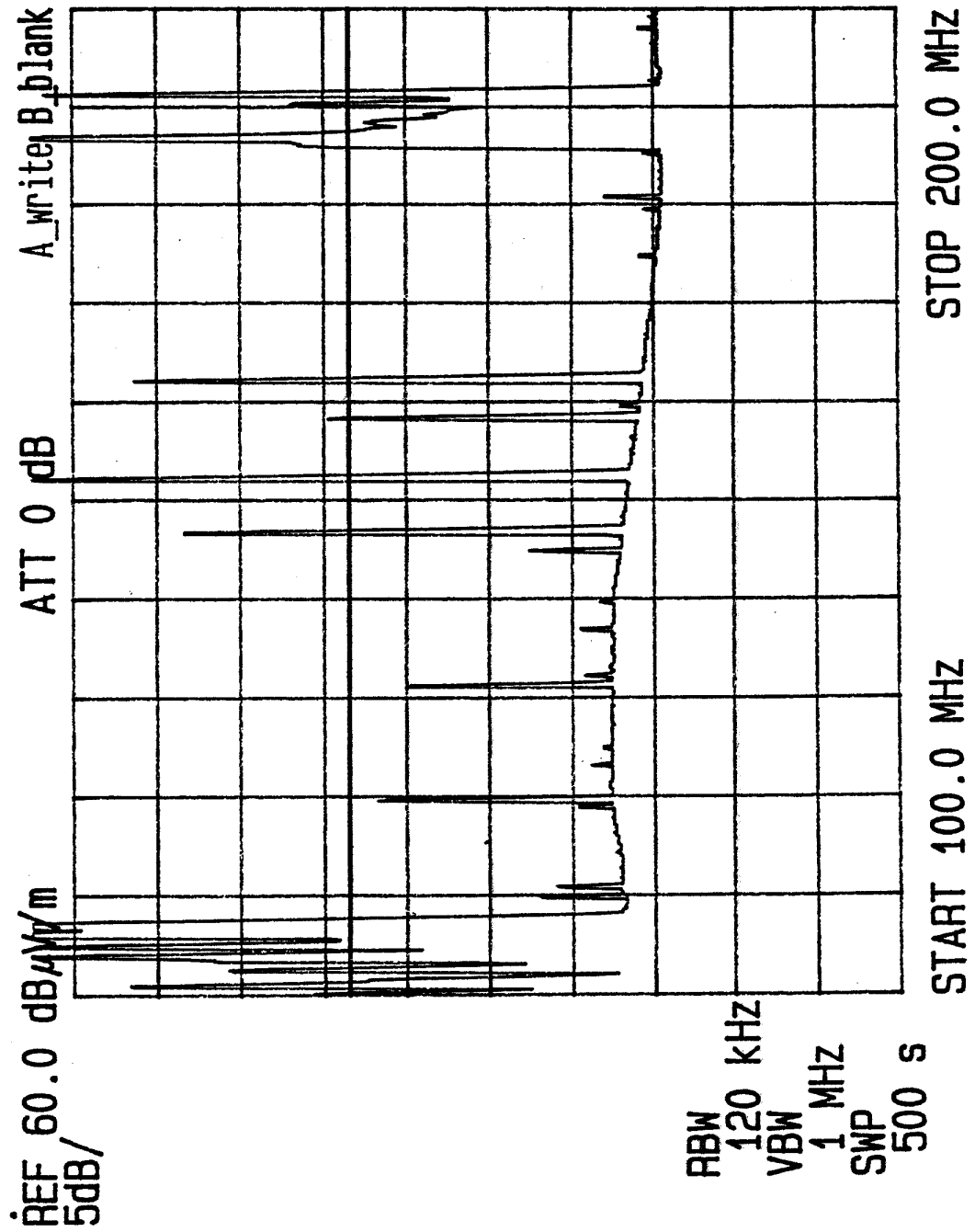
TEST: FCC RADIATED EUT: GE/HARRIS LCM 2 S/N: 0006
FREQ: 30M-100MHz SPEC: 15.247 ANT.HT/POL: 1.75M \ V
DETECTOR: 0 PEAK AMB. LINE UNDER TEST: N/A EUT POSITION: -
DATE: 3-9-99 TEST SITE: 3 METER TESTER: *[Signature]*



DATA SHEET 6.3.2-8



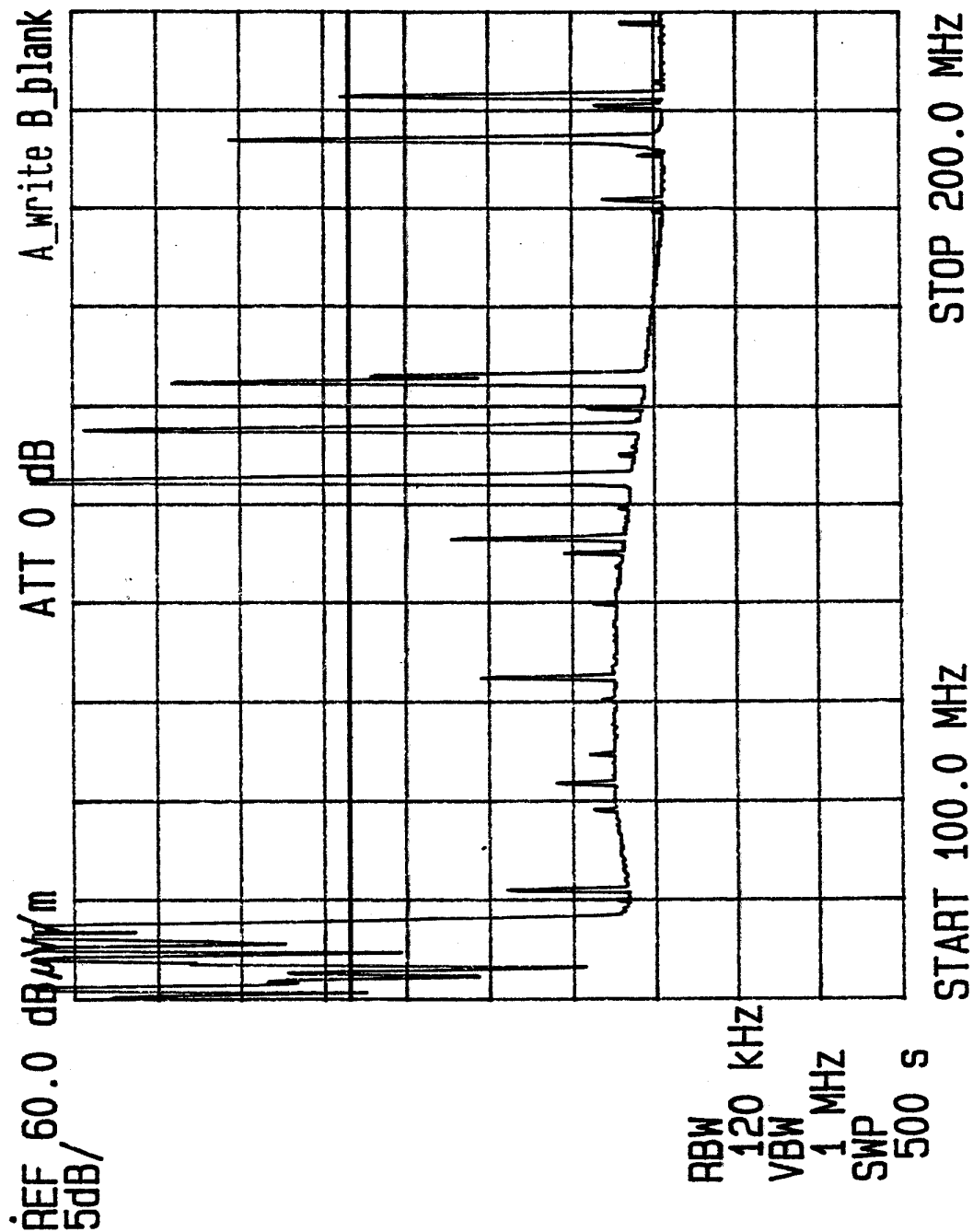
TEST: FCC RADIATED EUT: GE/HARRIS LCM 2 S/N: 0006
FREQ: 100M-200MHz SPEC: 15.247 ANT. HT/POL: 1.5m \ H
DETECTOR: Q PEAK AMB. LINE UNDER TEST: N/A EUT POSITION: -
DATE: 3-9-99 TEST SITE: 3 METER TESTER: *AD*



DATA SHEET 6.3.2-9



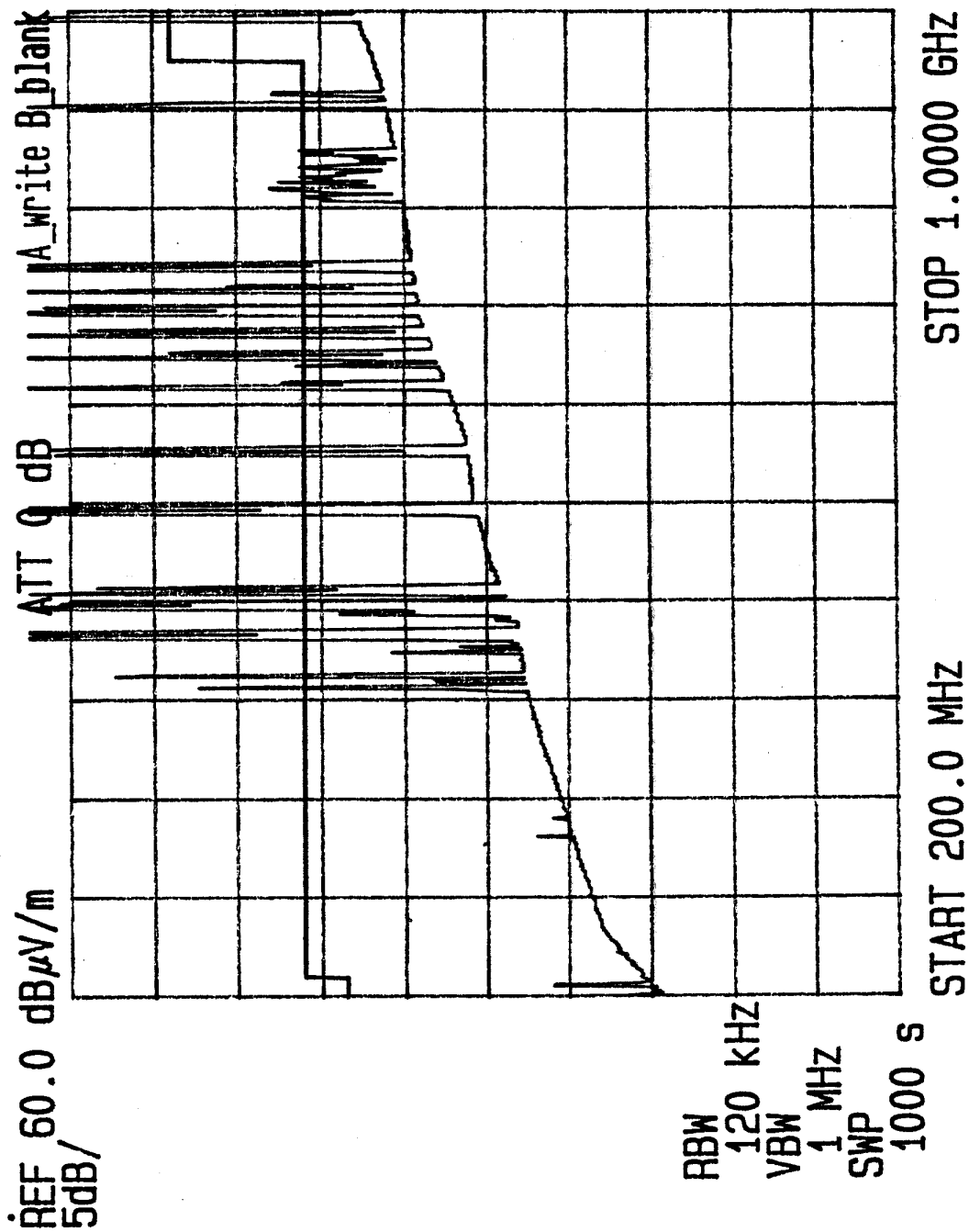
TEST: FCC RADIATED EUT: GE/HARRIS LCM 2 S/N: 0006
FREQ: 100M-200MHz SPEC: 15.247 ANT.HT/POL: 1.75m V
DETECTOR: Q PEAK AMB. LINE UNDER TEST: N/A EUT POSITION: -
DATE: 3-9-99 TEST SITE: 3 METER TESTER: *[Signature]*



DATA SHEET 6.3.2-10



TEST: FCC RADIATED	EUT: GE/HARRIS LCM 2	S/N: 0006
FFREQ: 200M-1GHZ	SPEC: 15.247	ANT.HT/POL: 1.5u H
DETECTOR: O PEAK AMB.	LINE UNDER TEST: N/A	EUT POSITION: —
DATE: 3-9-99	TEST SITE: 3 METER	TESTER: <i>[Signature]</i>

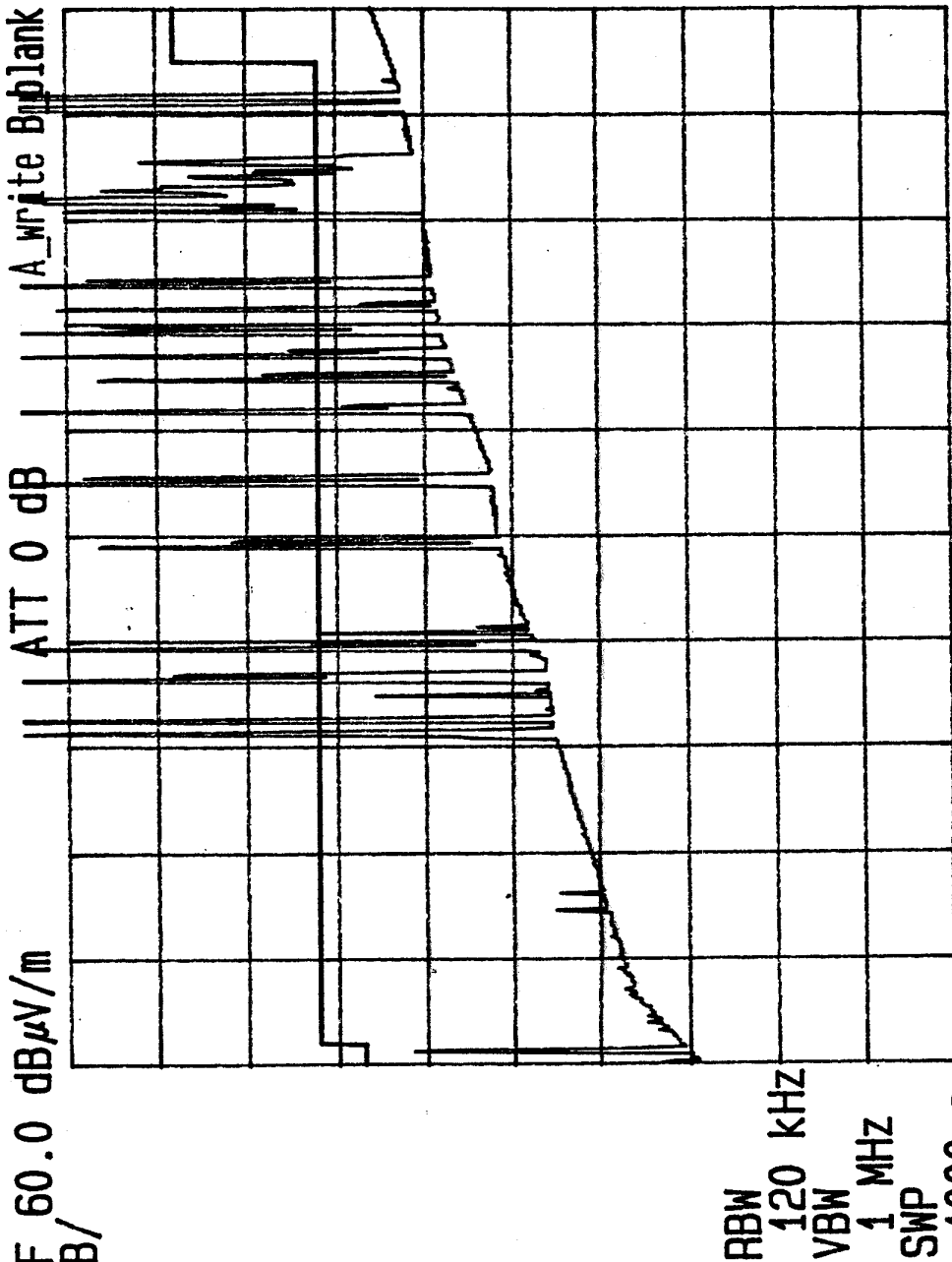


DATA SHEET 6.3.2-11



TEST: FCC RADIATED EUT: GE/HARRIS LCM 2 S/N: 0006
FREQ: 200M-1GHZ SPEC: 15.247 ANT. HT/POL: 1.75 x V
DETECTOR: 0 PEAK AMB. LINE UNDER TEST: N/A EUT POSITION: -
DATE: 3-9-99 TEST SITE: 3 METER TESTER: *AB*

REF 60.0 dB μ V/m
5dB/

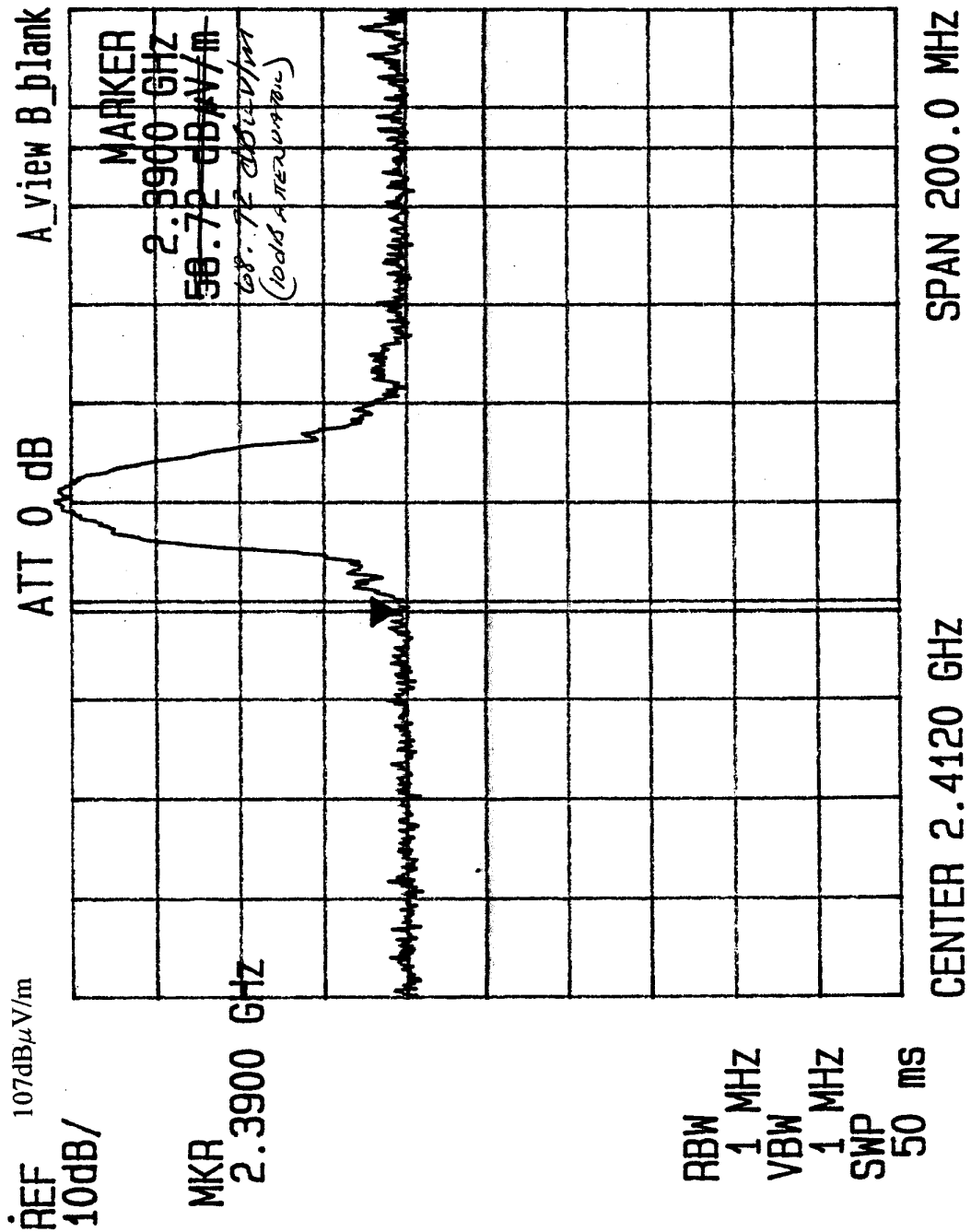


START 200.0 MHz STOP 1.0000 GHz

DATA SHEET 6.3.2-12



TEST: RESTRICTED BAND EUT: GE/HARRIS LCM 2 S/N: 0006
FREQ: 2.414 GHz SPEC: 15.247 ANT. HT/POL: 1.25m H
DETECT: PEAK LINE UNDER TEST: N/A EUT POSITION: /52°
DATE: 3-10-99 TEST SITE: 3 METER TESTER: *[Signature]*



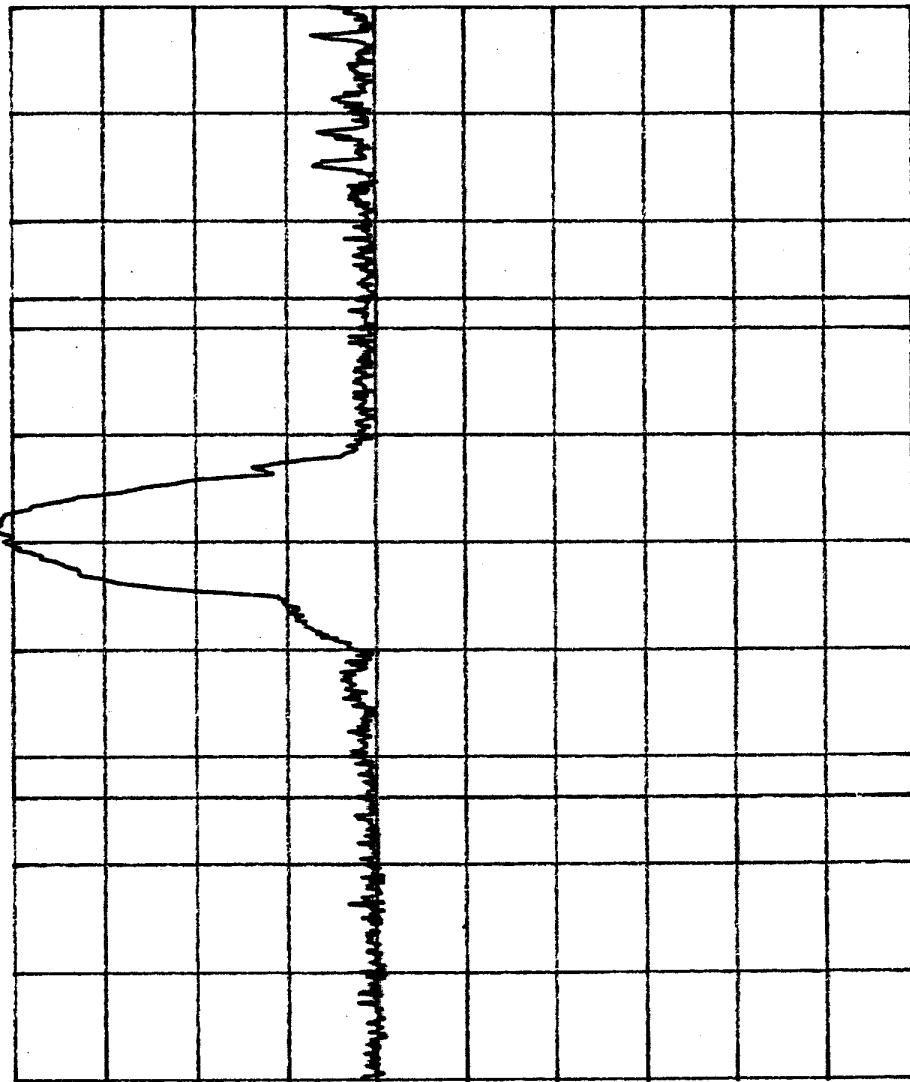
DATA SHEET 6.3.2-13



TEST: RESTRICTED BAND	EUT: GE/HARRIS LCM 2	S/N: 0006
FREQ: 2.438 GHz	SPEC: 15.247	ANT. HT/POL: 1.25m H
DETECT: PEAK	LINE UNDER TEST: N/A	EUT POSITION: /57-
DATE: 3-10-99	TEST SITE: 3 METER	TESTER: <i>AB</i>

REF 107dB μ V/m ATT 0 dB A_view B_blank

10dB/



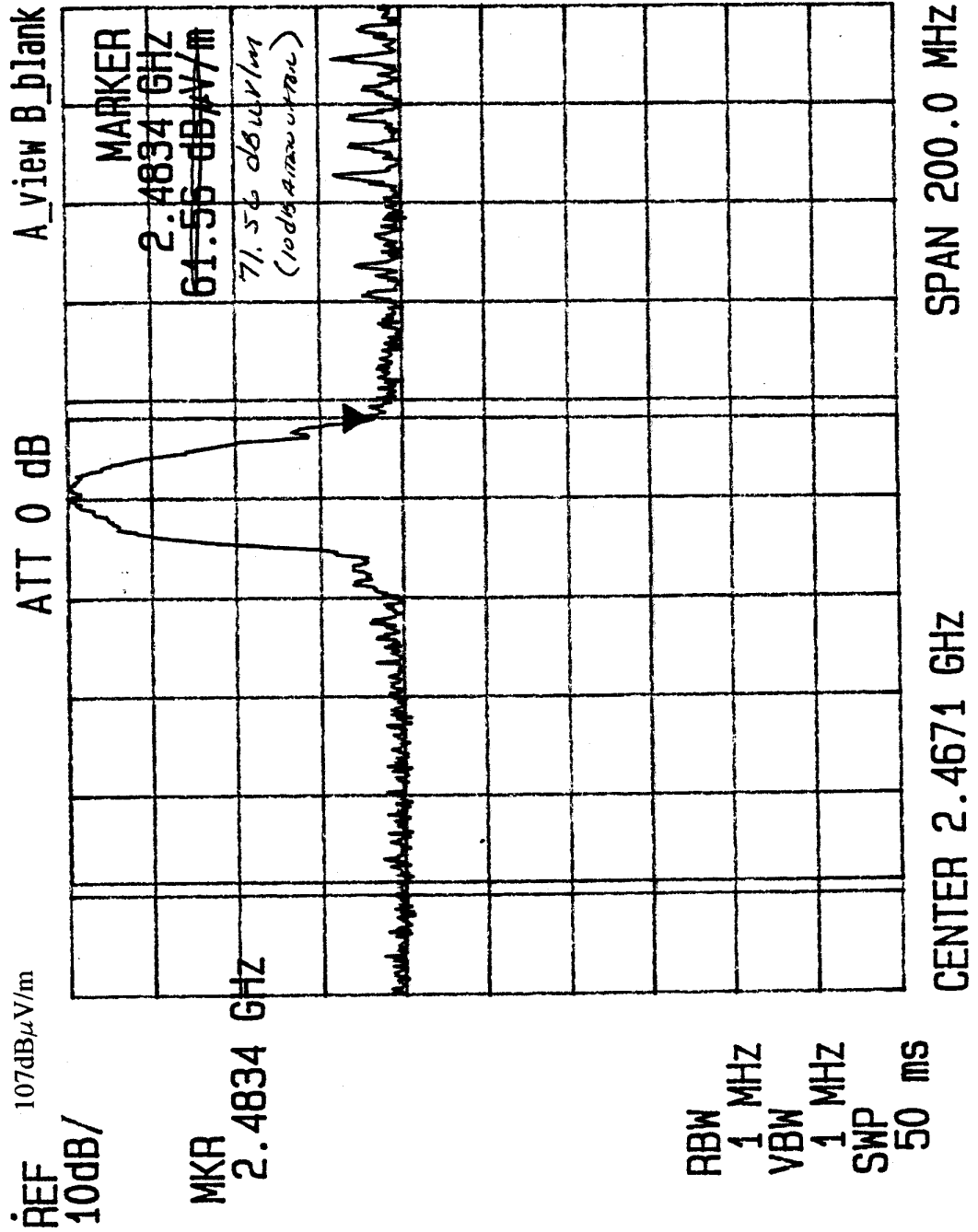
RBW 1 MHz
VBW 1 MHz
SWP 50 ms

CENTER 2.4380 GHz SPAN 200.0 MHz

DATA SHEET 6.3.2-14



TEST: RESTRICTED BAND EUT: GE/HARRIS LCM 2 S/N: 0006
FREQ: 2.467 GHz SPEC: 15.247 ANT. HT/POL: 1.25m H
DETECT: PEAK LINE UNDER TEST: N/A EUT POSITION: 157°
DATE: 8-10-99 TEST SITE: 3 METER TESTER: *[Signature]*

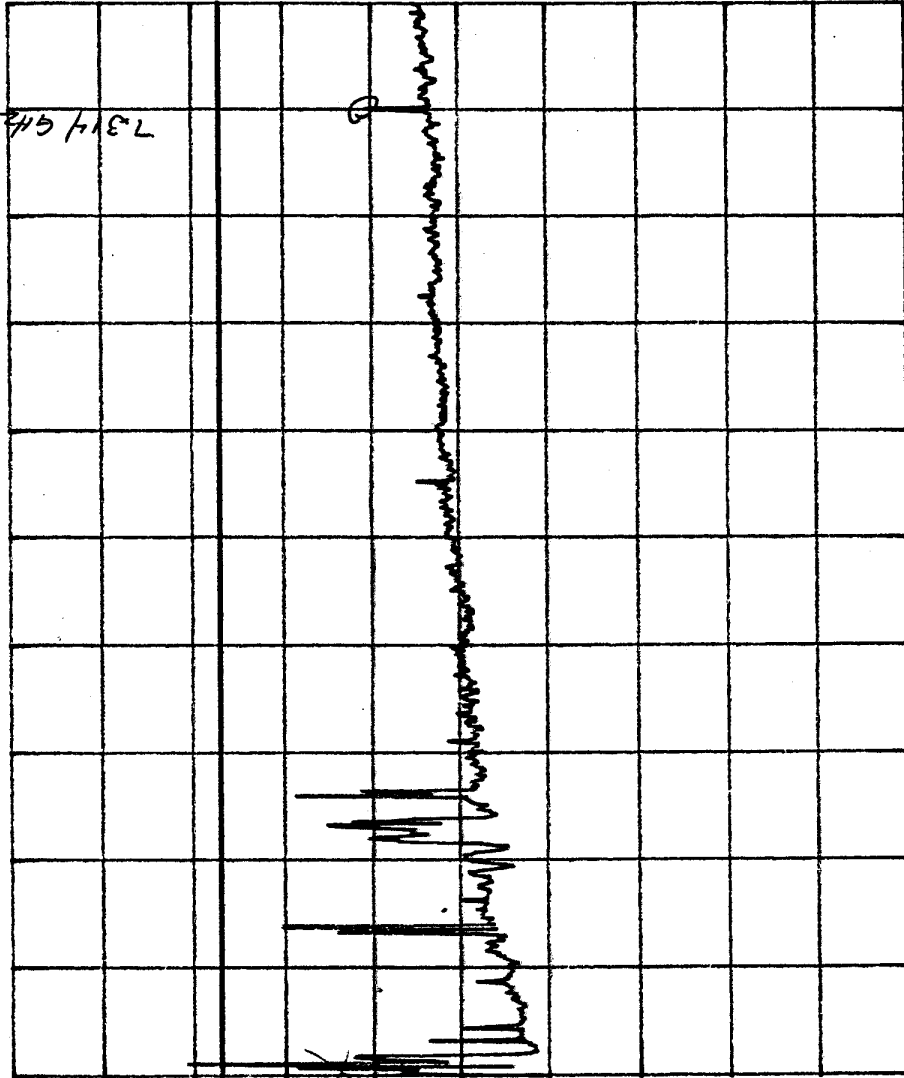


DATA SHEET 6.3.2-15



TEST: FCC RADIATED EUT: GE/HARRIS LCM 2 S/N: 0006
FREQ: 1G-8GHz SPEC: 15.247 ANT.HT/POL: 1.25m H
DETECT: PEAK LINE UNDER TEST: N/A EUT POSITION: 180
DATE: 3-10-99 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 1 MHz
SWP 500 S

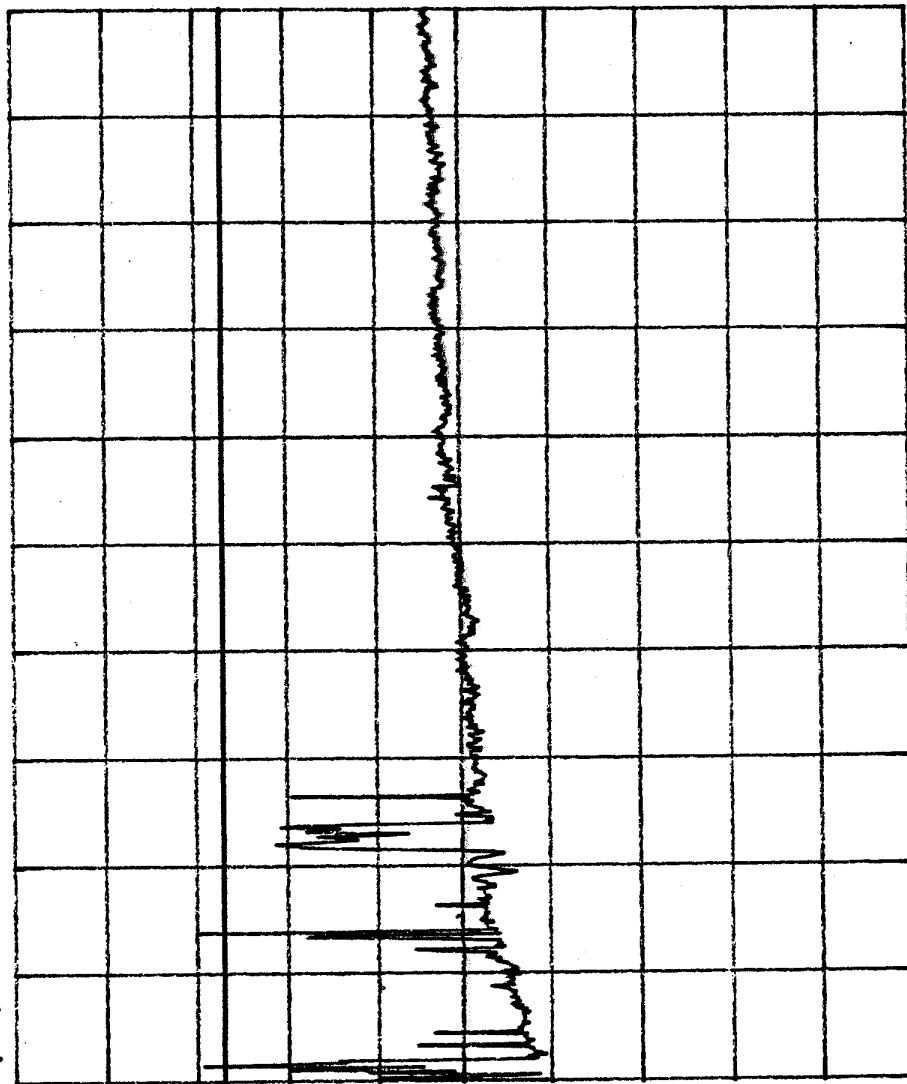
START 1.000 GHz STOP 8.000 GHz

DATA SHEET 6.3.2-16



TEST: FCC RADIATED EUT: GE/HARRIS LCM 2 S/N: 0006
FREQ: 1G-8GHz SPEC: 15.247 ANT. HT/POL: 1.25 M V
DETECT: PEAK LINE UNDER TEST: N/A EUT POSITION: 180°
DATE: 3-10-99 TEST SITE: 3 METER TESTER: *AD*

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



RBW 1 MHz
VBW 1 MHz
SWP 500 S

START 1.000 GHz STOP 8.000 GHz

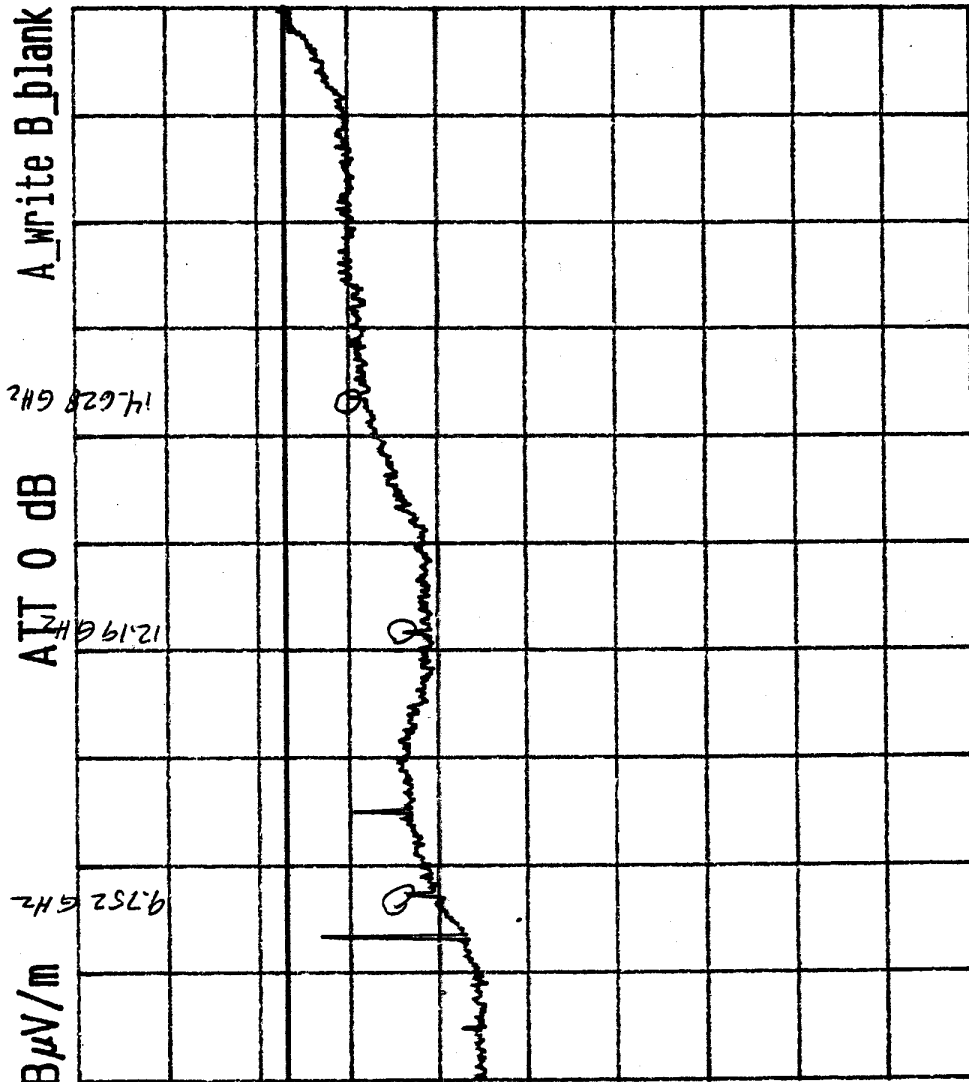
JA-1625-1

DATA SHEET 6.3.2-17



TEST: FCC RADIATED EUT: GE/HARRIS LCM 2 S/N: 0006
FREQ: 8G-18GHz ANT. HT/POL: 15m H
DETECT: PEAK LINE UNDER TEST: N/A EUT POSITION: 180°
DATE: 3-10-99 TEST SITE: 3 METER TESTER: *AB*

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



START 8.000 GHz STOP 18.000 GHz

RBW 1 MHz
VBW 1 MHz
SWP 500 S

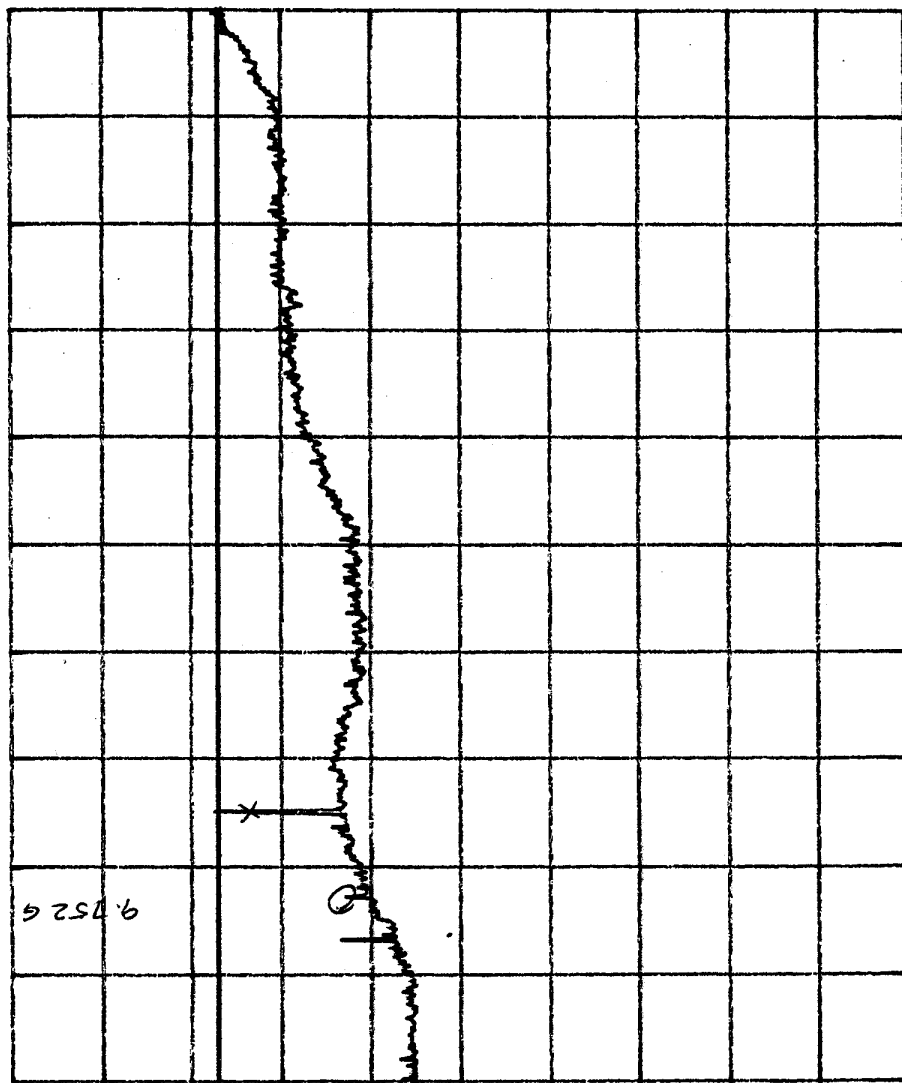


TEST: FCC RADIATED	EUT: GE/HARRIS LCM 2	S/N: 0006
FREQ: 8G-18GHz	SPEC: 15.247	ANT. HT/POL: 1.25m V
DETECT: PEAK	LINE UNDER TEST: N/A	EUT POSITION: 20z
DATE: 3-10-99	TEST SITE: 3 METER	TESTER: <i>AB</i>

REF 97.0 dB μ V/m
10dB/

ATT 0 dB

A_write B_blank



RBW 1 MHz
VBW 1 MHz
SWP 500 S

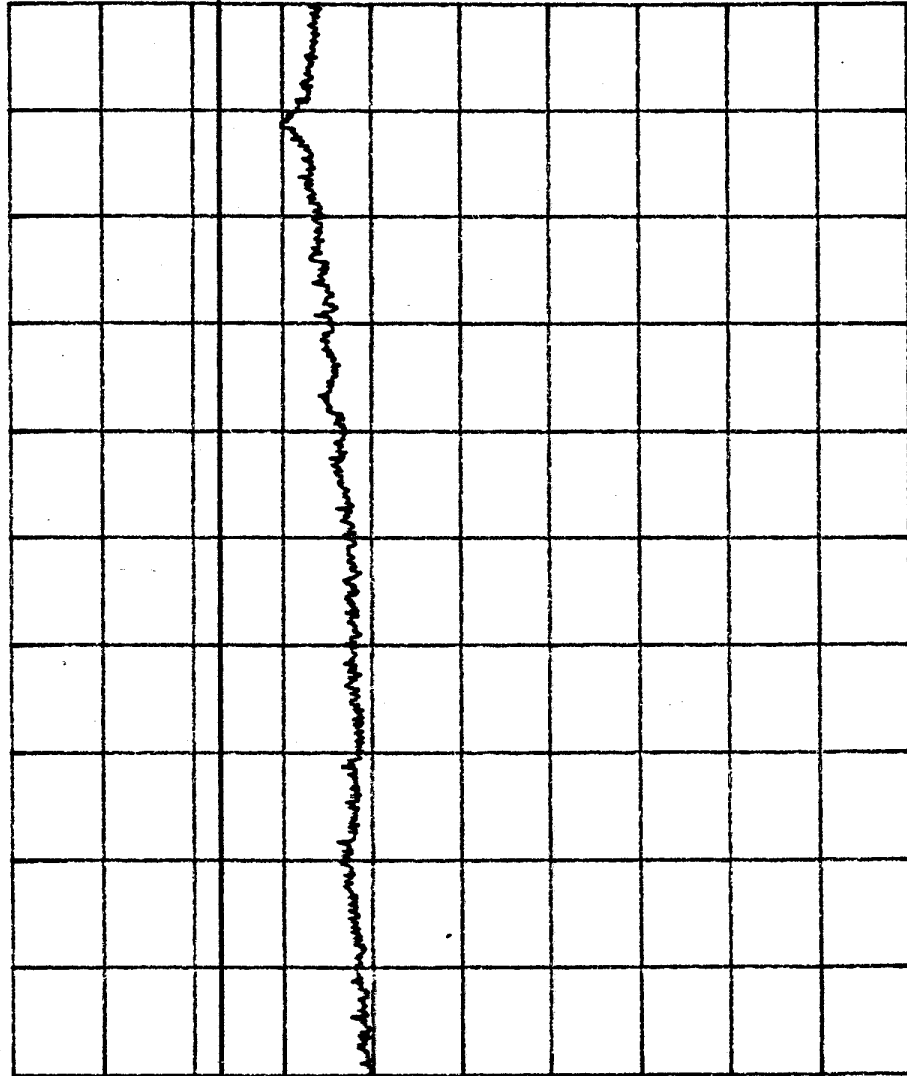
START 8.000 GHz

STOP 18.000 GHz



TEST: FCC RADIATED EUT: GE/HARRIS LCM 2 S/N: 0006
FREQ: 18GHz-25GHz SPEC: 15.247 ANT. HT/POL: 1.25m \ H
DETECT: PEAK LINE UNDER TEST: N/A EUT POSITION: 180
DATE: 3-9-99 TEST SITE: 3 METER TESTER: AD

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



RBW 1 MHz
VBW 1 MHz
SWP 200 S

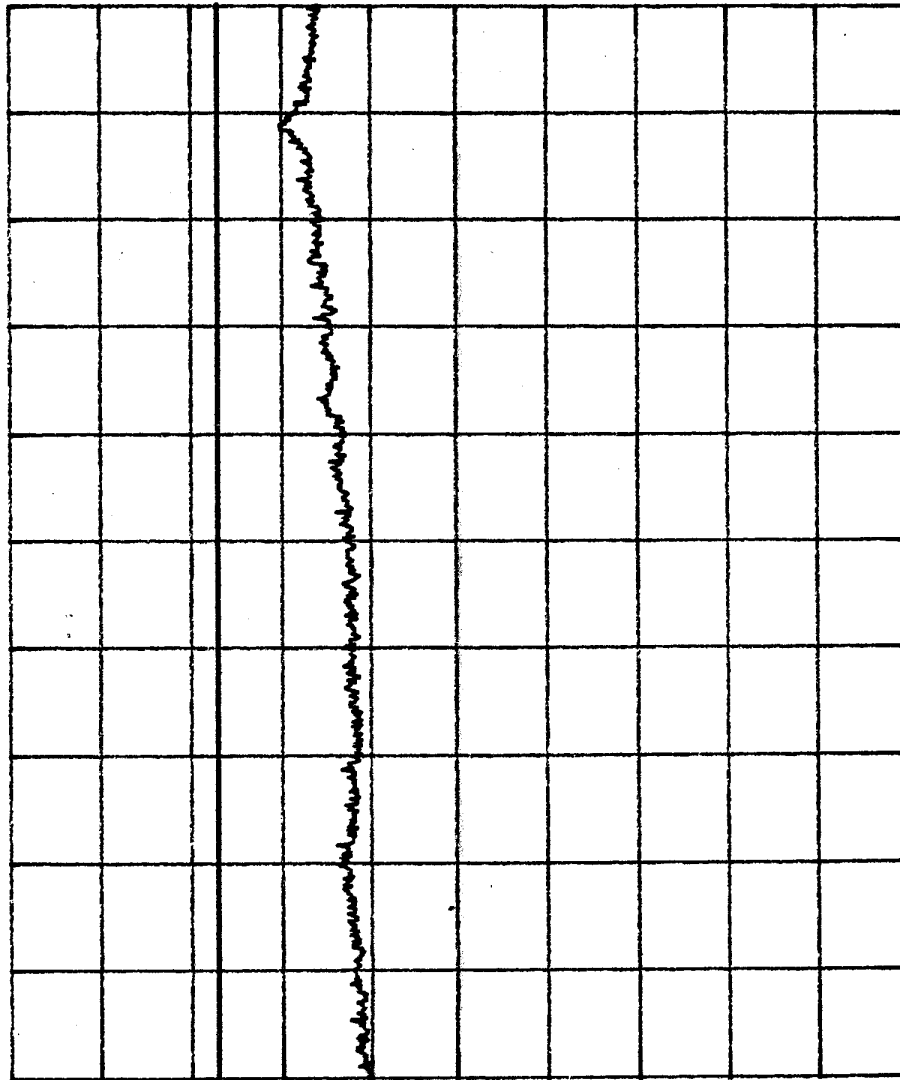
START 18.000 GHz STOP 25.000 GHz

DATA SHEET 6.3.2-20



TEST: FCC RADIATED EUT: GE/HARRIS LCM 2 S/N: 0006
FREQ: 18GHz-25GHz SPEC: 15.247 ANT.HT/POL: 1.25m V
DETECT: PEAK LINE UNDER TEST: N/A EUT POSITION: 180°
DATE: 3-9-99 TEST SITE: 3 METER TESTER: *AD*

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



RBW 1 MHz
VBW 1 MHz
SWP 200 s

START 18.000 GHz STOP 25.000 GHz

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DATA SHEET 6.3.2-21

JA-1625-1

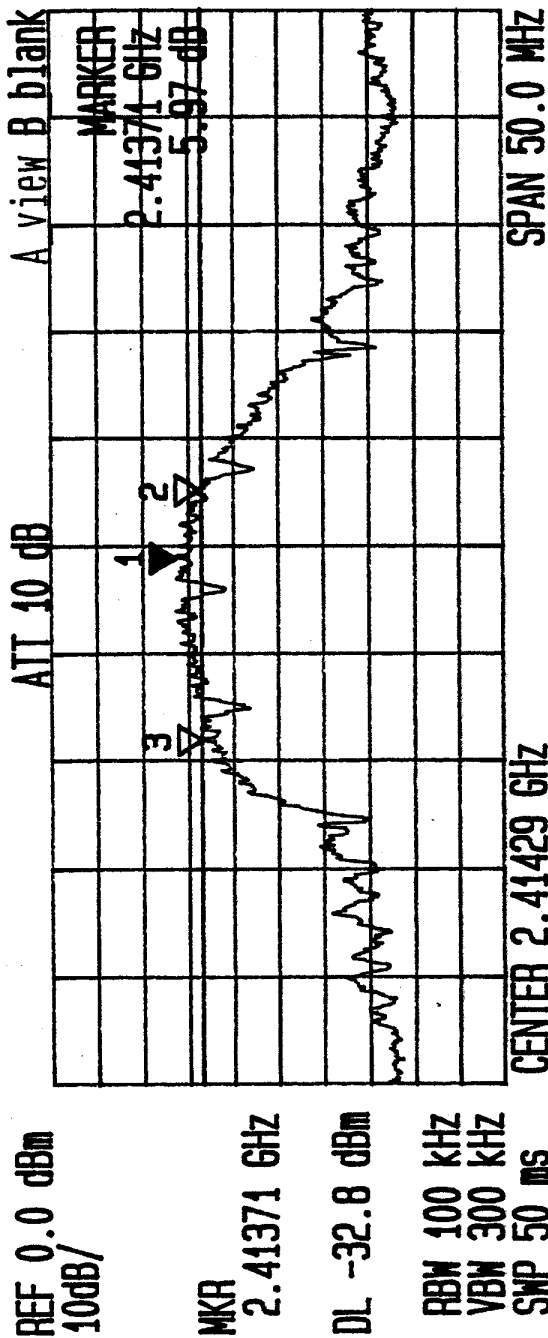
6.4 Direct Sequence Spread Spectrum 15.247(2)(b)(c)(d)(e)**6.4.1 6dB Bandwidth 15.247(2)**

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 11.6, 10.1 and 10.6MHz.

The system exceeds the 500KHz minimum bandwidth.



TEST: FCC 6dB BANDWIDTH EUT: GE/HARRIS LCM 2 S/N: 0006
 FREQ: 2.414 GHz SPEC: 15.247 (a) (2) ANT. HT/POL:
 DETECT: PEAK LINE UNDER TEST: N/A EUT POSITION:
 DATE: 3-5-99 TEST SITE: ROOM 1 TESTER: *AB*



*** Multi Marker List ***

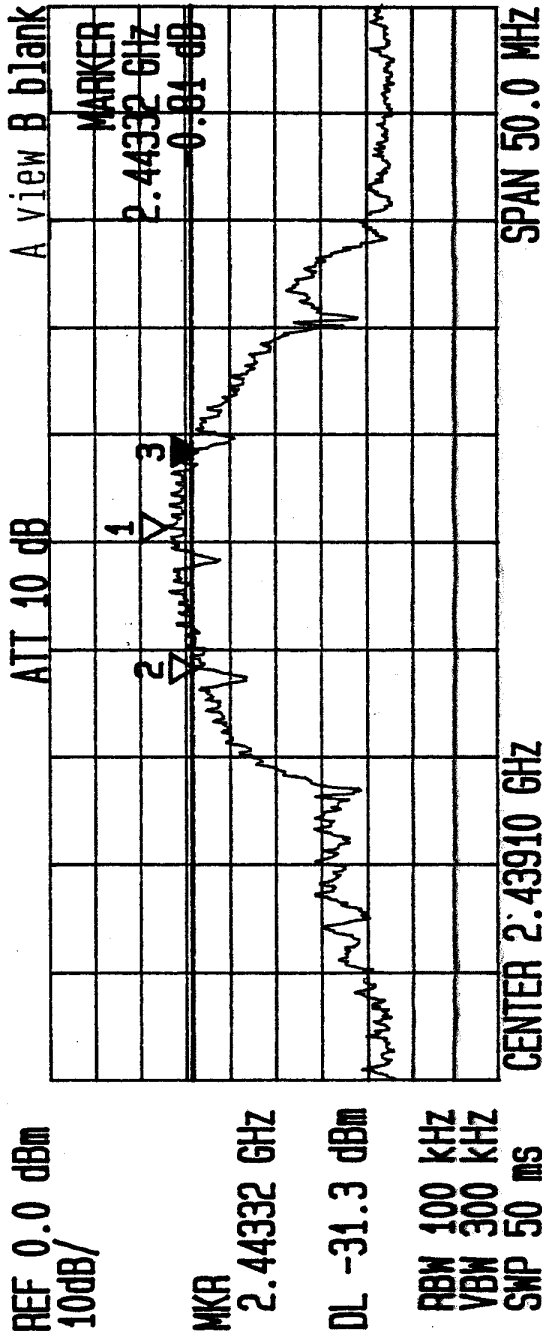
No.	Freq (GHz)	Level (dB)	Unit
1:	2.41371	5.97	dB
2:	2.41686	0.31	dB
3:	2.40521	0.16	dB

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

6dB BW = 11.6 MHz



TEST: FCC 6dB BANDWIDTH EUT: GE/HARRIS LCM 2 S/N: 0006
 FREQ: 2.438 GHz SPEC: 15.247 (a) (2) ANT. HT/POL:
 DETECT: PEAK LINE UNDER TEST: N/A EUT POSITION:
 DATE: 3-11-99 TEST SITE: ROOM 1 TESTER: *AS*



*** Multi Marker List ***

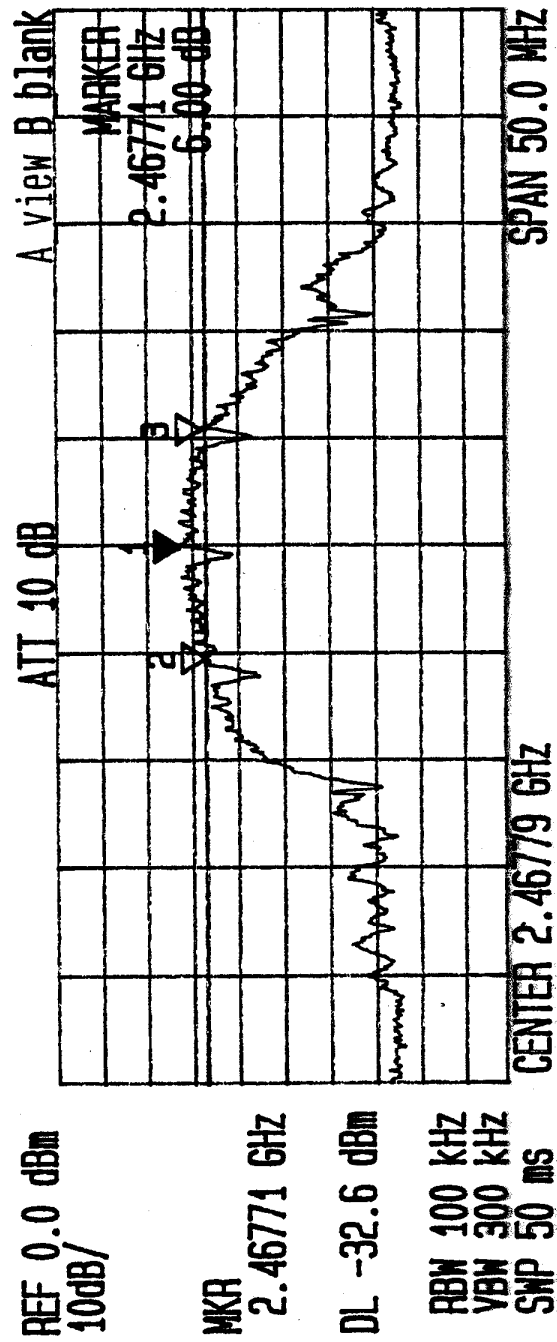
Marker	Frequency (GHz)	Level (dB)	Label
1	2.43974	6.03	A
2	2.43324	-0.41	A
3	2.44332	-0.81	A

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

6 dB Bandwidth = 10.1 MHz



TEST: FCC 6dB BANDWIDTH EUT: GE/HARRIS LCM 2 S/N: 0006
 FREQ: 2.467 GHz SPEC: 15.247 (a) (2) ANT. HT/POL:
 DETECT: PEAK LINE UNDER TEST: N/A EUT POSITION:
 DATE: 3-5-99 TEST SITE: ROOM 1 TESTER: *AB*



*** Multi Marker List ***

No.	Freq (GHz)	Level (dB)	Marker
1	2.46771	6.00	A
2	2.46257	-0.28	A
3	2.47321	0.66	A

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

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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	-15.0 + 30 = +15	+30
2438	-15.8 + 30 = +14.2	+30
2467	-15.4 + 30 = +14.6	+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.

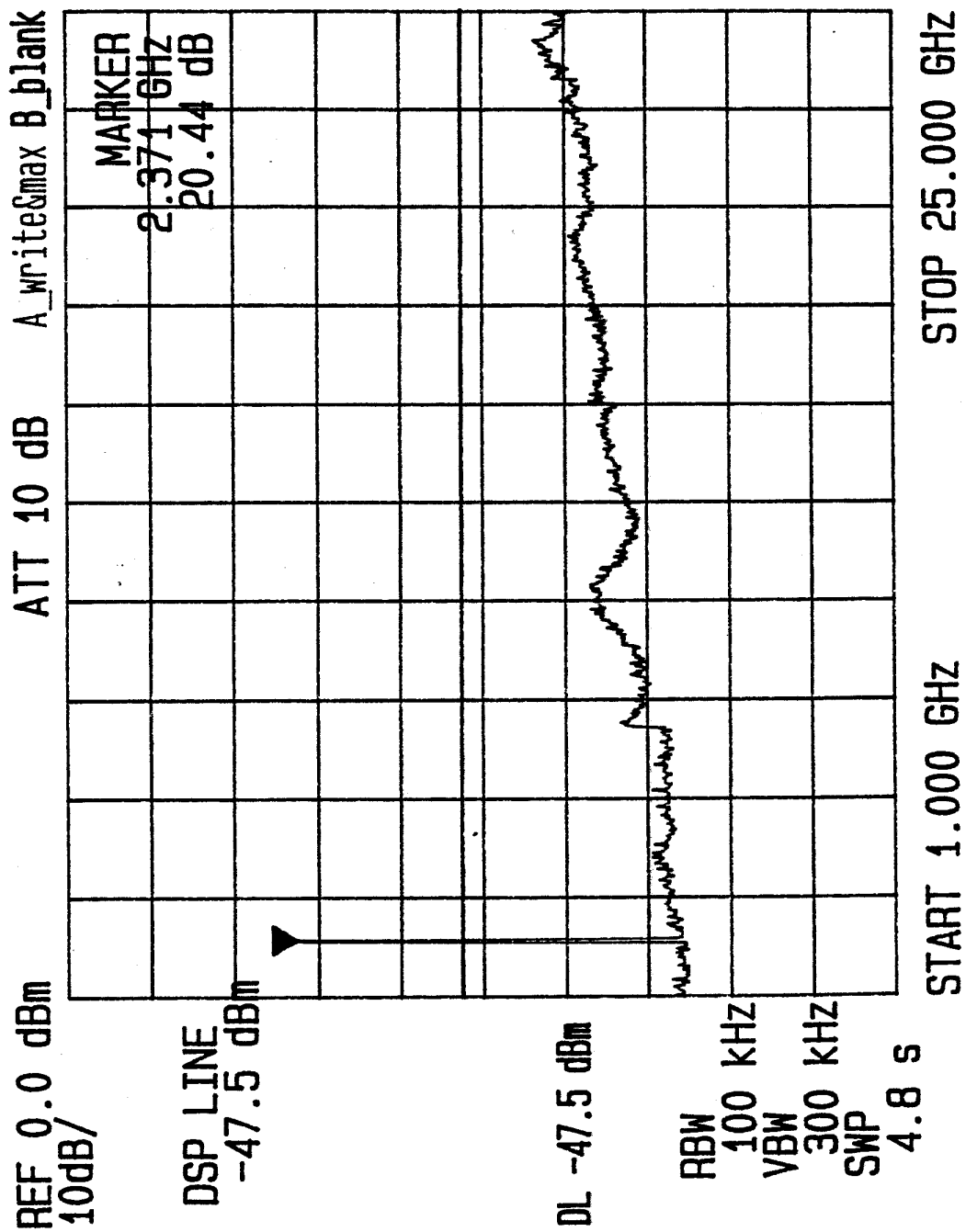
The measurement was made over the 2-25GHz range using the 100KHz RBW. Data Sheets 6.4.3-1 through 6.4.3-3 present the sweep of each of the three channels up to 25GHz.

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



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TEST: SPURIOUS EM. CON. EUT: GE/HARRIS LCM 2 S/N: 0006
FREQ: 1GHz-25GHz SPEC: 15.247 (C) (1) ANT. HT/POL:
DETECT: PEAK LINE UNDER TEST: 2.414GHz (MIN.) EUT POSITION:
DATE: 3/5/99 TEST SITE: ROOM 1 TESTER: *[Signature]*

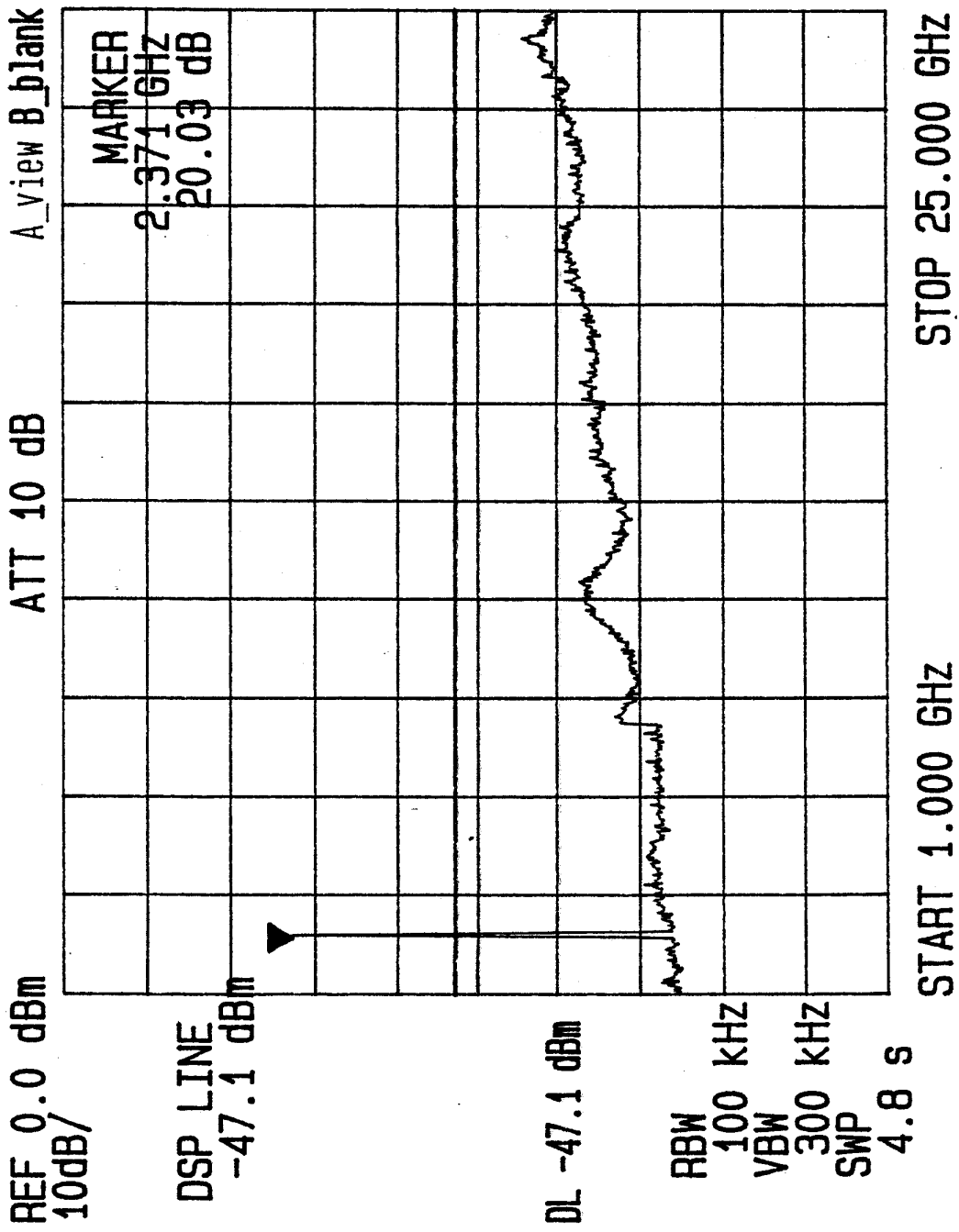


DATA SHEET 6.4.3-1



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TEST: SPURIOUS EM. CON. EUT: GE/HARRIS LCM 2 S/N: 0006
FREQ: 1GHz-25GHz SPEC: 15.247 (C) (1) ANT.HT/POL:
DETECT: PEAK LINE UNDER TEST: 2.438GHz (MID.) EUT POSITION:
DATE: 3-11-99 TEST SITE: ROOM 1 TESTER: *AB*

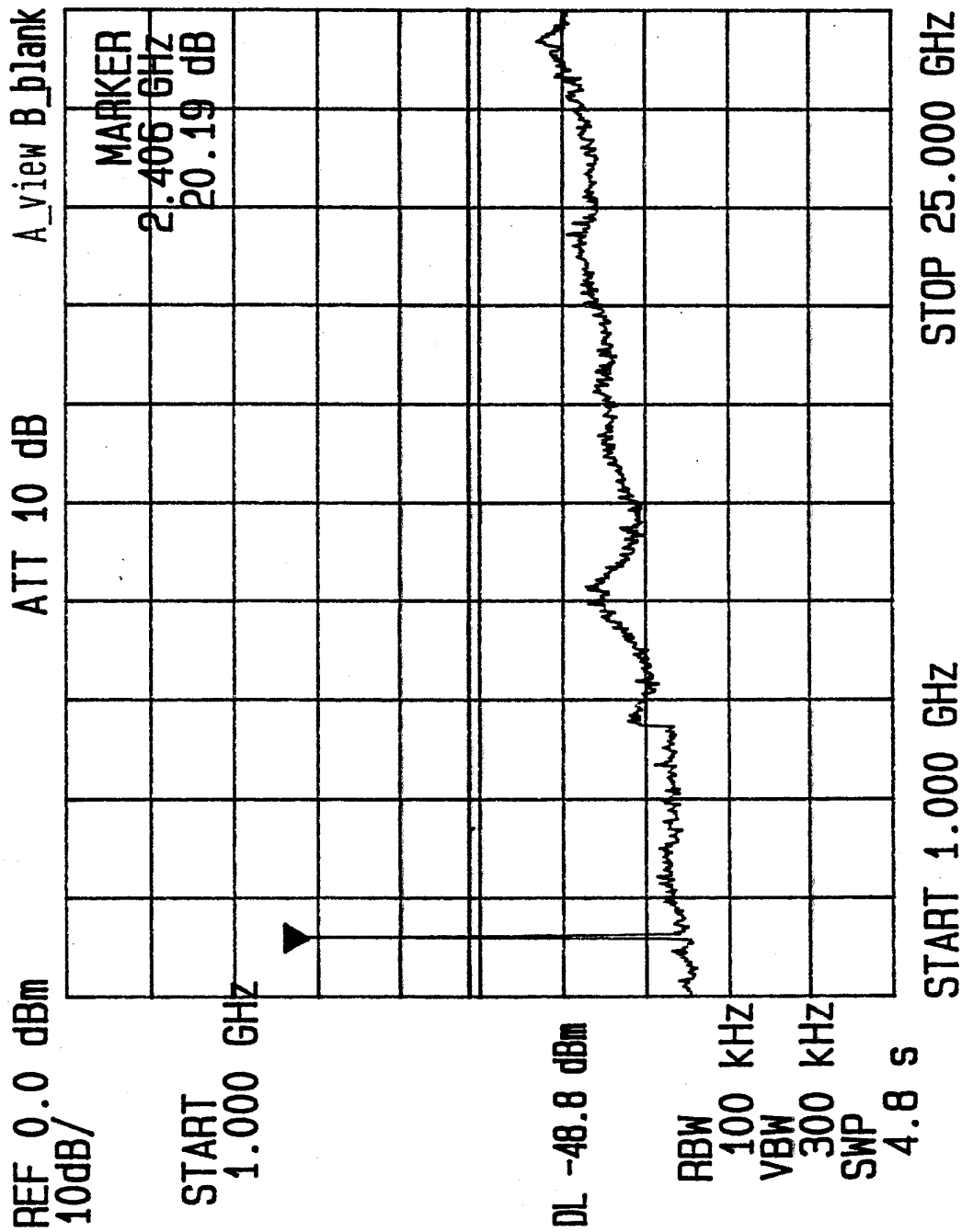


DATA SHEET 6.4.3-2



JA-1625-1

TEST: SPURIOUS EM. CON. EUT: GE/HARRIS LCM 2 S/N: 0006
FREQ: 1GHz-25GHz SPEC: 15.247 (C) (1) ANT. HT/POL:
DETECT: PEAK LINE UNDER TEST: 2.467GHz (MAX.) EUT POSITION:
DATE: 3-5-99 TEST SITE: ROOM 1 TESTER: *[Signature]*



DATA SHEET 6.4.3-3

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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. 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 1000 seconds was selected.

The results show the spectral density to be >10dB below the +8dBm requirement (Data Sheets 6.4.4-1 through 6.4.4-6).

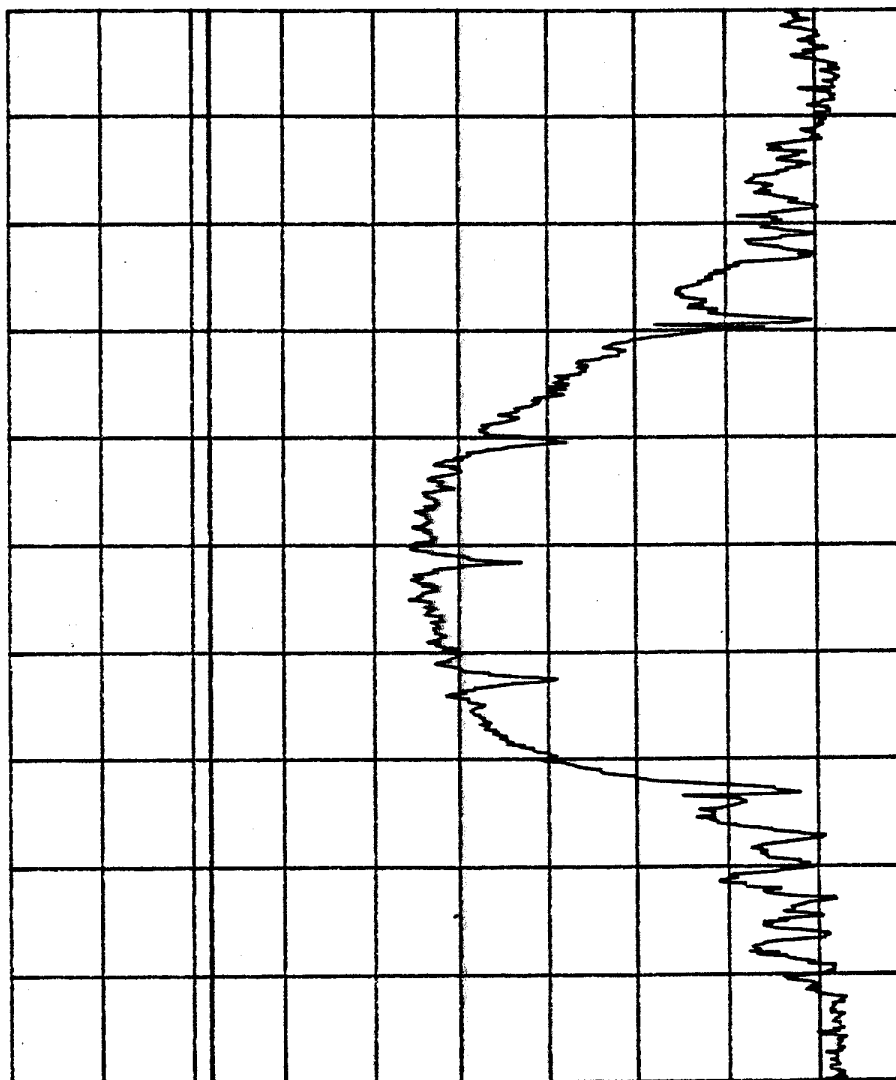


TEST: POWER DENSITY EUT: GE/HARRIS LCM 2 S/N: 0006
FREQ: 2.414 GHz SPEC: 15.247 (d) ANT.HT/POL:
DETECT: PEAK LINE UNDER TEST: N/A EUT POSITION:
DATE: 3-8-99 TEST SITE: ROOM 1 TESTER: *AD*

REF 30.0 dBm
10dB/

ATT 10 dB

A view B_blank



REF OFS
30.0 dB
DL 8.0 dBm

RBW 3 KHZ
VBW 3 KHZ
SWP 12 S

CENTER 2.41279 GHz

SPAN 50.0 MHz

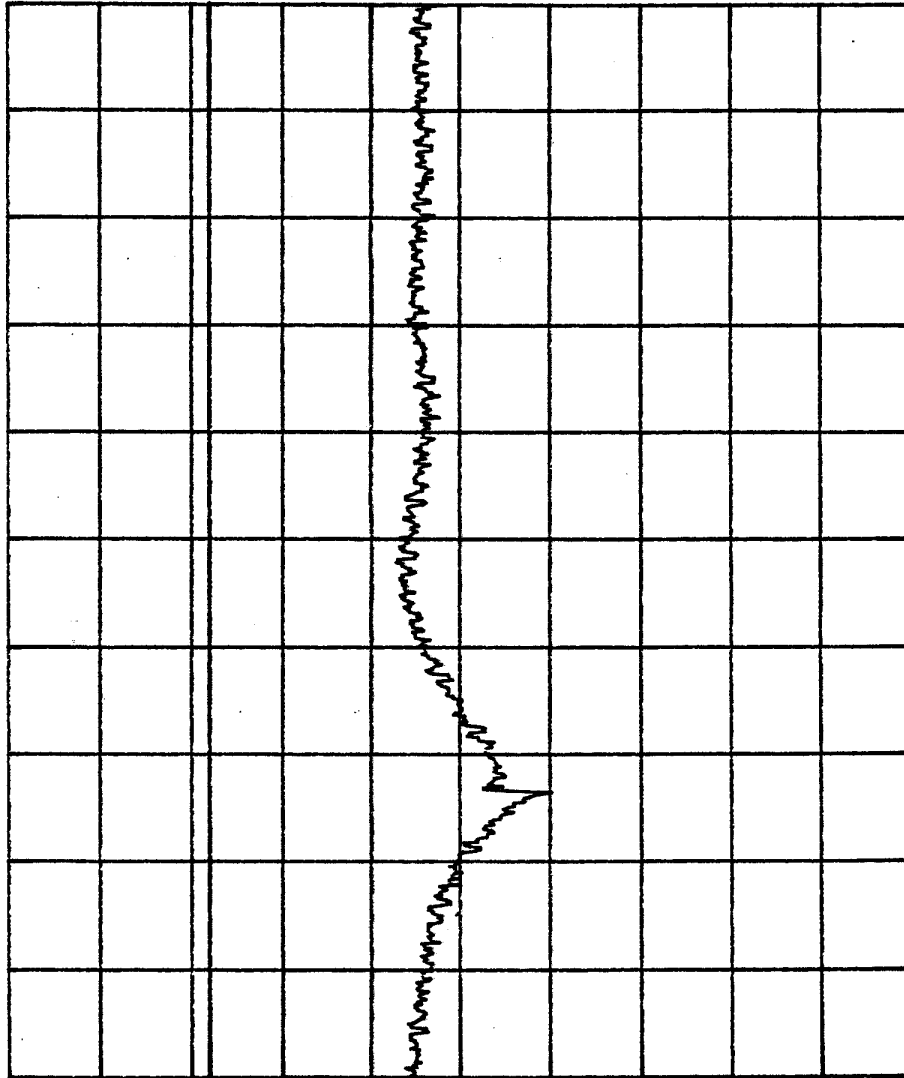
DATA SHEET 6.4.4-1



TEST: POWER DENSITY EUT: GE/HARRIS LCM 2 S/N: 0006
FREQ: 2.414 GHz SPEC: 15.247 (d) ANT. HT/POL:
DETECT: PEAK LINE UNDER TEST: N/A EUT POSITION:
DATE: 3-5-99 TEST SITE: ROOM 1 TESTER: *AB*

REF 30.0 dBm ATT 10 dB A_write B_blank

10dB/



REF OFS
30.0 dB
DL 8.0 dBm

RBW 3 KHZ
VBW 3 KHZ
SWP 1000 S

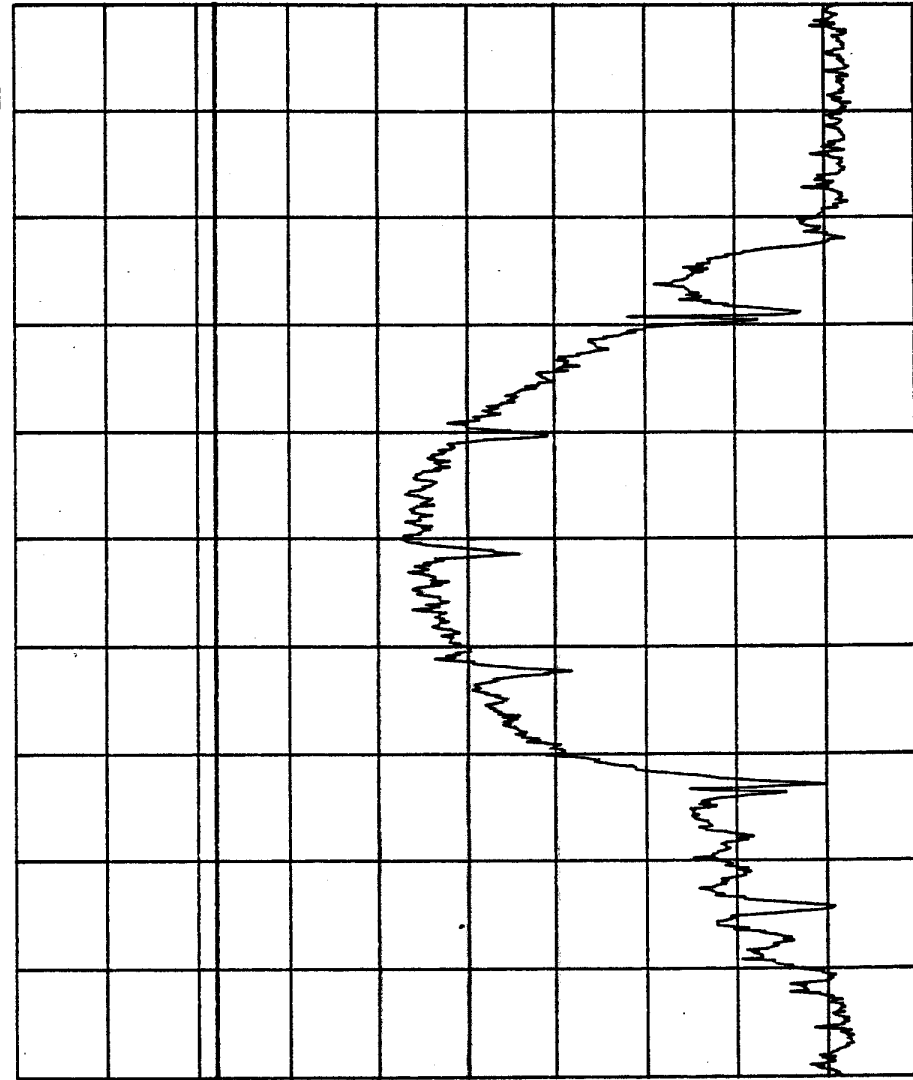
CENTER 2.412714 GHZ SPAN 3.00 MHZ

DATA SHEET 6.4.4-2



TEST: POWER DENSITY EUT: GE/HARRIS LCM 2 S/N: 0006
FREQ: 2.438 GHz SPEC: 15.247 (d) ANT. HT/POL:
DETECT: PEAK LINE UNDER TEST: N/A EUT POSITION:
DATE: 3-10-99 TEST SITE: ROOM 1 TESTER: AB

REF 30.0 dBm ATT 10 dB A_write B_blank



CENTER 2.43864 GHz SPAN 50.0 MHz

REF OFS
30.0 dB
DL 8.0 dBm

RBW 3 KHZ
VBW 3 KHZ
SWP 12 S

DATA SHEET 6.4.4-3

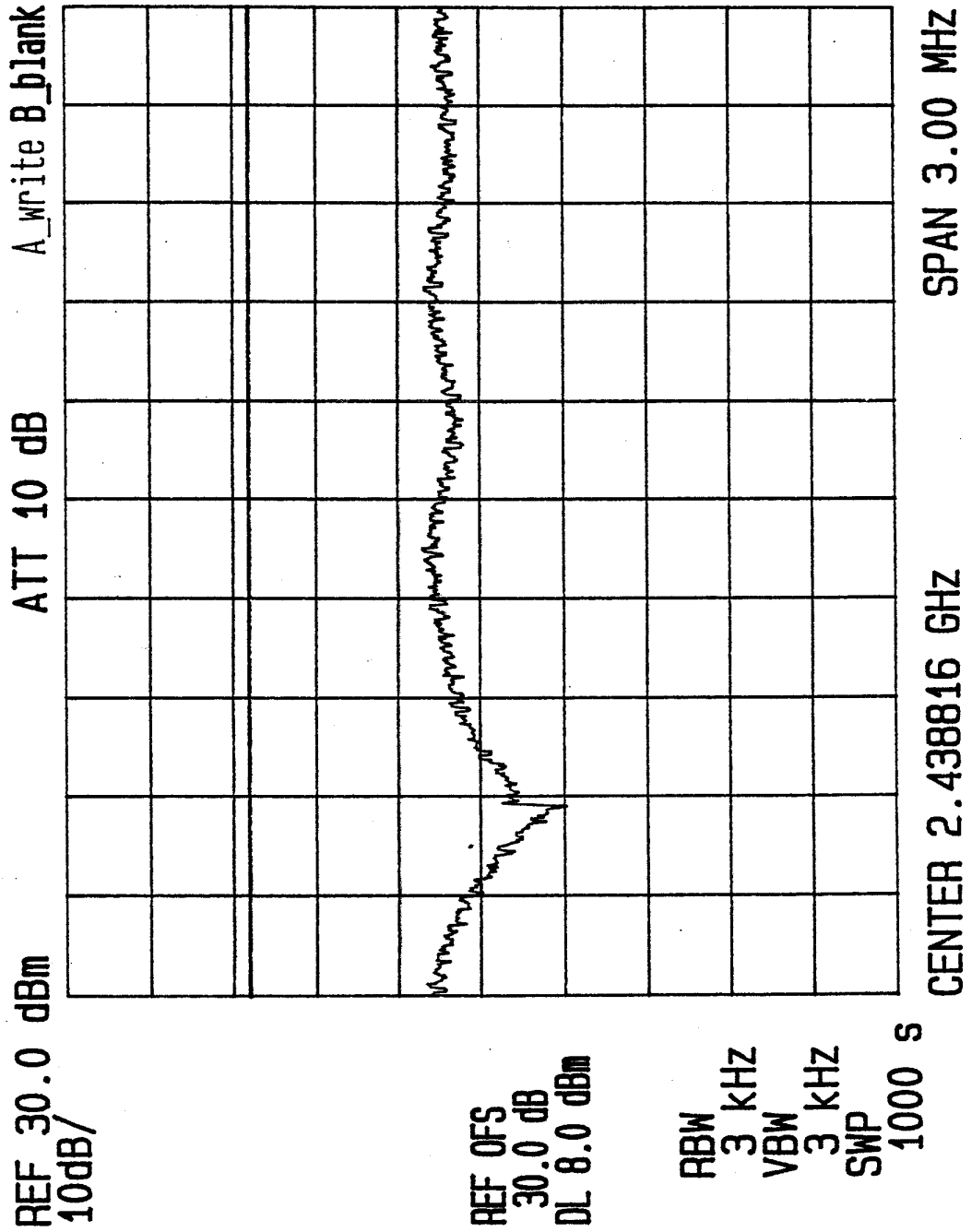


TEST: POWER DENSITY
FREQ: 2.438 GHz
DETECT: PEAK
DATE: 3-11-99
EUT: GE/HARRIS LCM 2
SPEC: 15.247 (d)
LINE UNDER TEST: N/A
TEST SITE: ROOM 1
S/N: 0006
ANT.HT/POL:
EUT POSITION:
TESTER: AB

DATA SHEET 6.4.4-4

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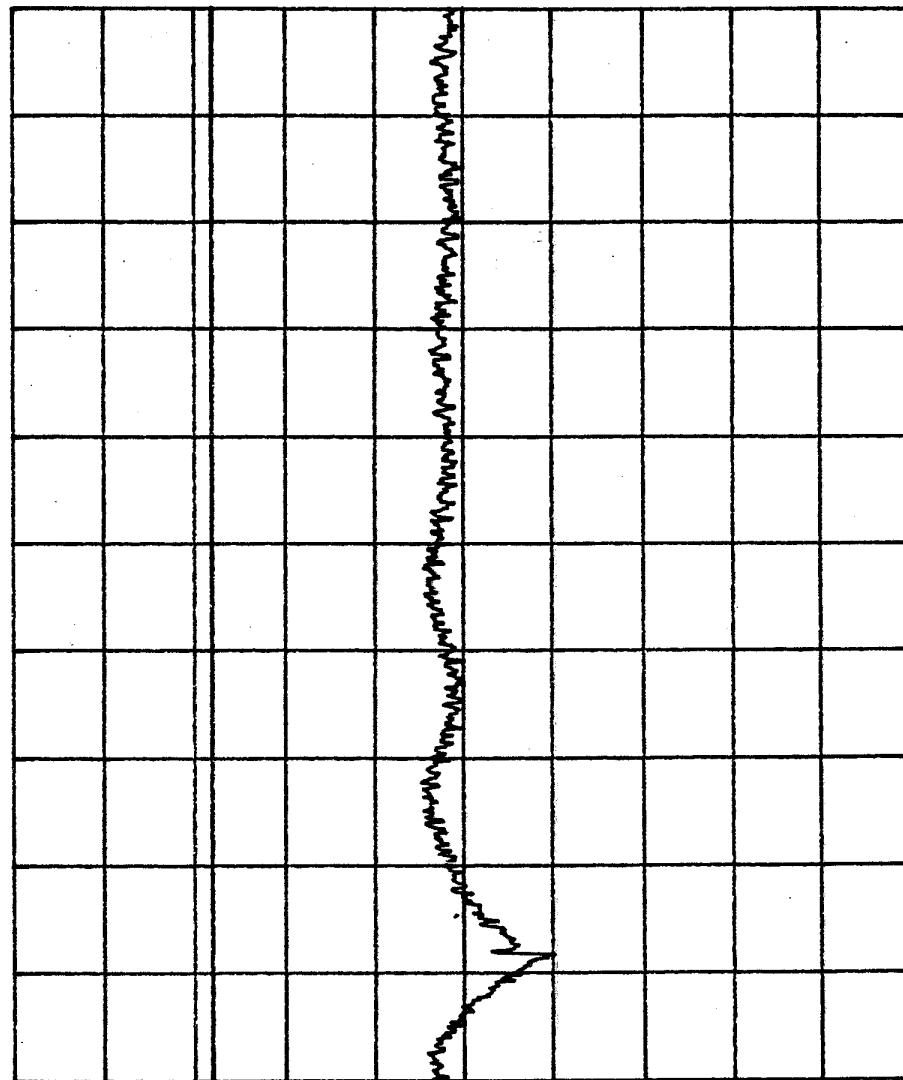
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TEST: POWER DENSITY EUT: GE/HARRIS LCM 2 S/N: 0006
FREQ: 2.467 GHz SPEC: 15.247 (d) ANT. HT/POL:
DETECT: PEAK LINE UNDER TEST: N/A EUT POSITION:
DATE: 3-8-99 TEST SITE: ROOM 1 TESTER: *[Signature]*

REF 30.0 dBm ATT 10 dB A_write B_blank



REF OFS
30.0 dB
DL 8.0 dBm

RBW 3 KHZ
VBW 3 KHZ
SWP 1000 S

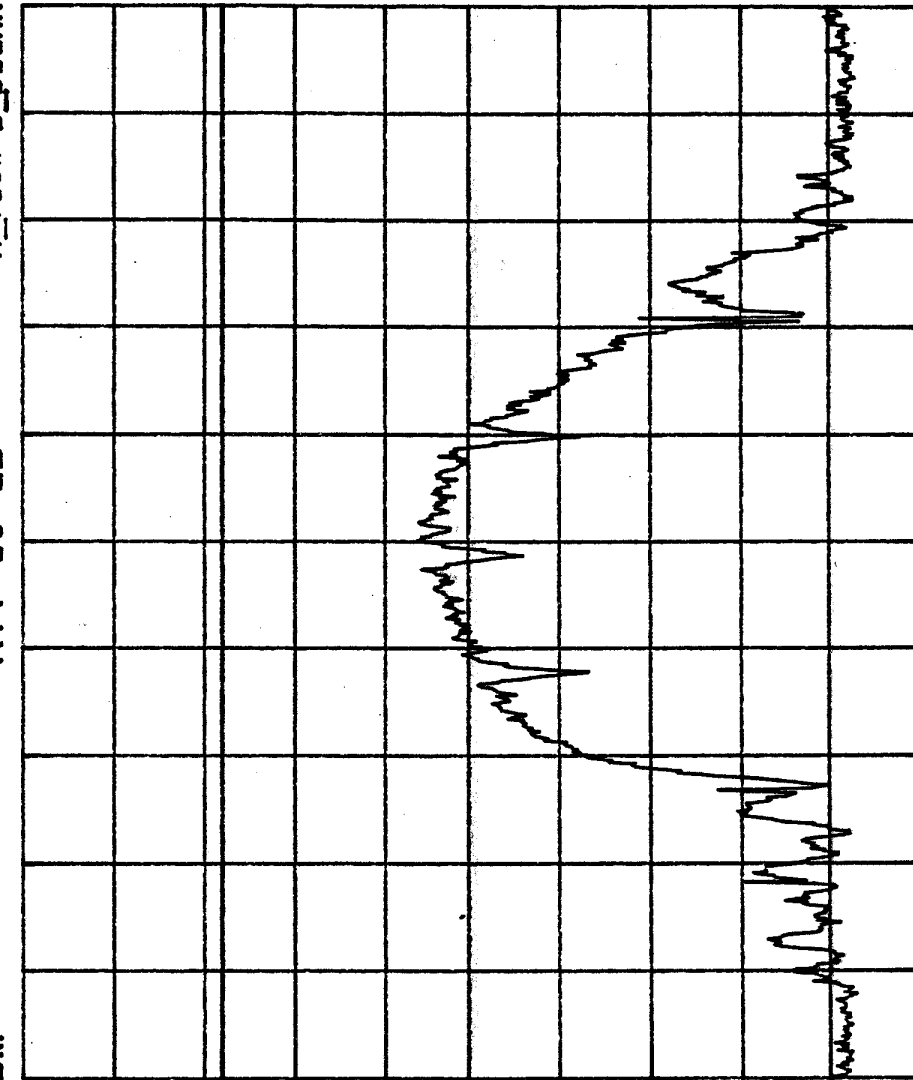
CENTER 2.467643 GHZ SPAN 3.00 MHZ

DATA SHEET 6.4.4-5



TEST: POWER DENSITY EUT: GE/HARRIS LCM 2 S/N: 0006
FREQ: 2.467 GHz SPEC: 15.247 (d) ANT. HT/POL:
DETECT: PEAK LINE UNDER TEST: N/A EUT POSITION:
DATE: 3-8-99 TEST SITE: ROOM 1 TESTER: *AD*

REF 30.0 dBm ATT 10 dB A_view B_blank



REF OFS
30.0 dB
DL 8.0 dBm

RBW 3 KHZ
VBW 3 KHZ
SWP 12 S

CENTER 2.46764 GHz SPAN 50.0 MHz

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APPENDIX A
COMPLIANCE LETTER

FEDERAL COMMUNICATIONS COMMISSION

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

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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

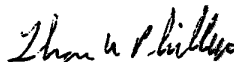
Re: Measurement facility located at above address
(3 meter site)

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