



125 Technology Parkway
Norcross, Georgia, US 30092

Test Report

LXE Model: 6730

FCC ID: KDZLXE6730M

Direct Sequence Spread
Spectrum Transmitter

Mobile Equipment Certification

Applicant: LXE Inc.
125 Technology Parkway
Norcross, GA 30092

Purpose of Testing: To demonstrate compliance with FCC Part 15 Subpart C

Upper bandedge radiated emission data

Prepared By: Cyril Binnom Jr.
EMI/EMC Approvals Engineer

Issue Date: April, 2003

Date: 04/02/03
Radio Part Number: 6730
Tested By: Cyril Binnom Jr.
LXE Project No. 02-059

Frequency	Antenna Distance	Level	Correction Factors	Corrected Level	Corrected Level	Margin	Final Result	Antenna Type
(MHz)	(m)	(dBuV)	(dB)	(dBuV)	(dBuV)	(dBuV)	(Pass/Fail)	(Gain)
2483.5	3	25.3	10.1	35.4	54	18.6	Pass	15db Yagi
2483.5	3	24.7	10.1	34.8	54	19.2	Pass	15db Yagi
2483.5	3	24.5	10.1	34.6	54	19.4	Pass	15db Hypergain
2483.5	3	24.7	10.1	34.8	54	19.2	Pass	15db Hypergain
2483.5	3	24.7	10.1	34.8	54	19.2	Pass	12db Patch
2483.5	3	24.5	10.1	34.6	54	19.4	Pass	12db Patch
2483.5	3	31.0	10.1	41.1	54	12.9	Pass	12db Mobilemark
2483.5	3	28.2	10.1	38.3	54	15.7	Pass	12db Mobilemark

Notes: _____

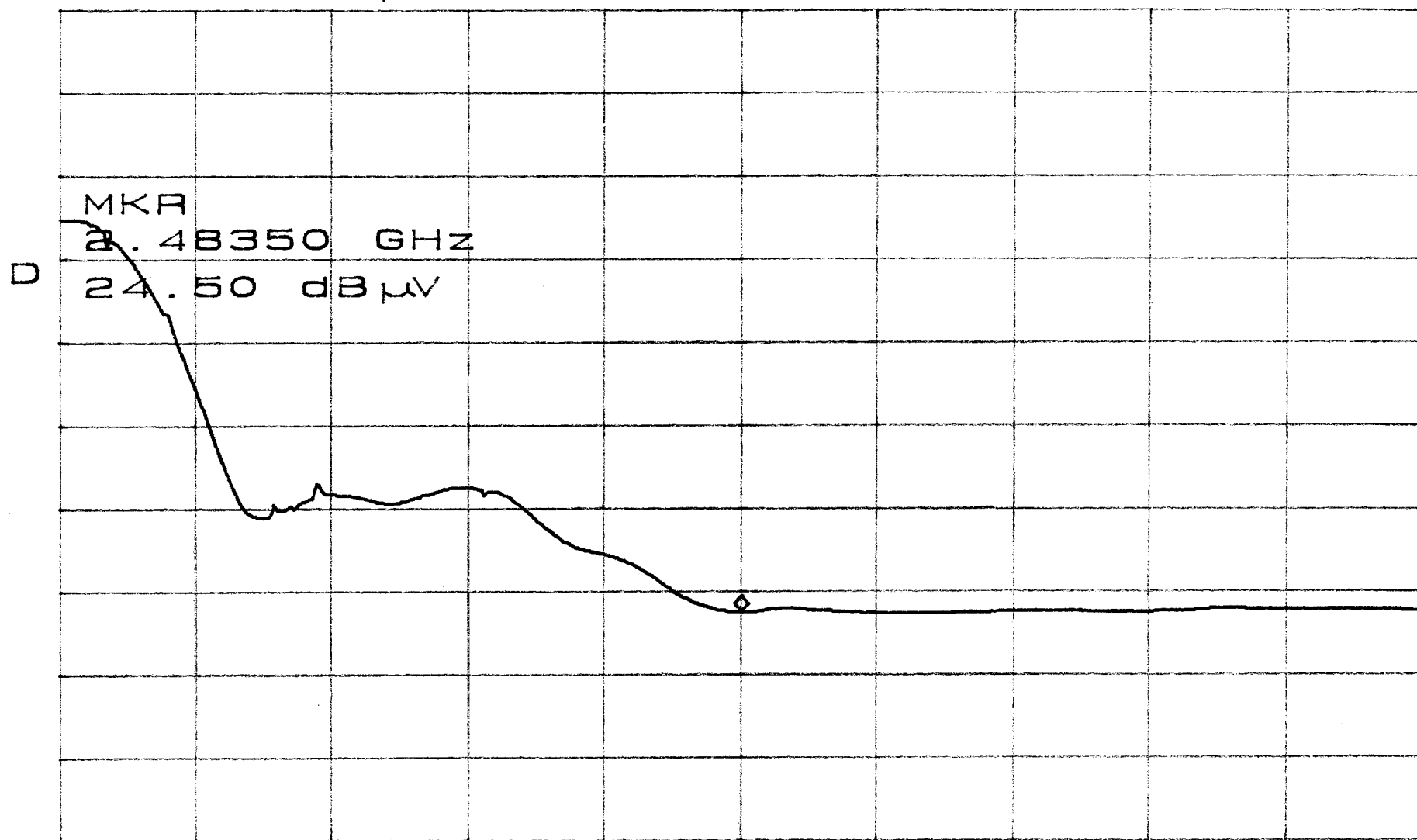
*ATTEN 0dB

MKR 24.50dB μ V

RL 97.0dB μ V

10dB/

2.48350GHz



CENTER 2.48350GHz

SPAN 30.00MHz

*RBW 1.0MHz

*VBW 10Hz

SWP 7.5sec

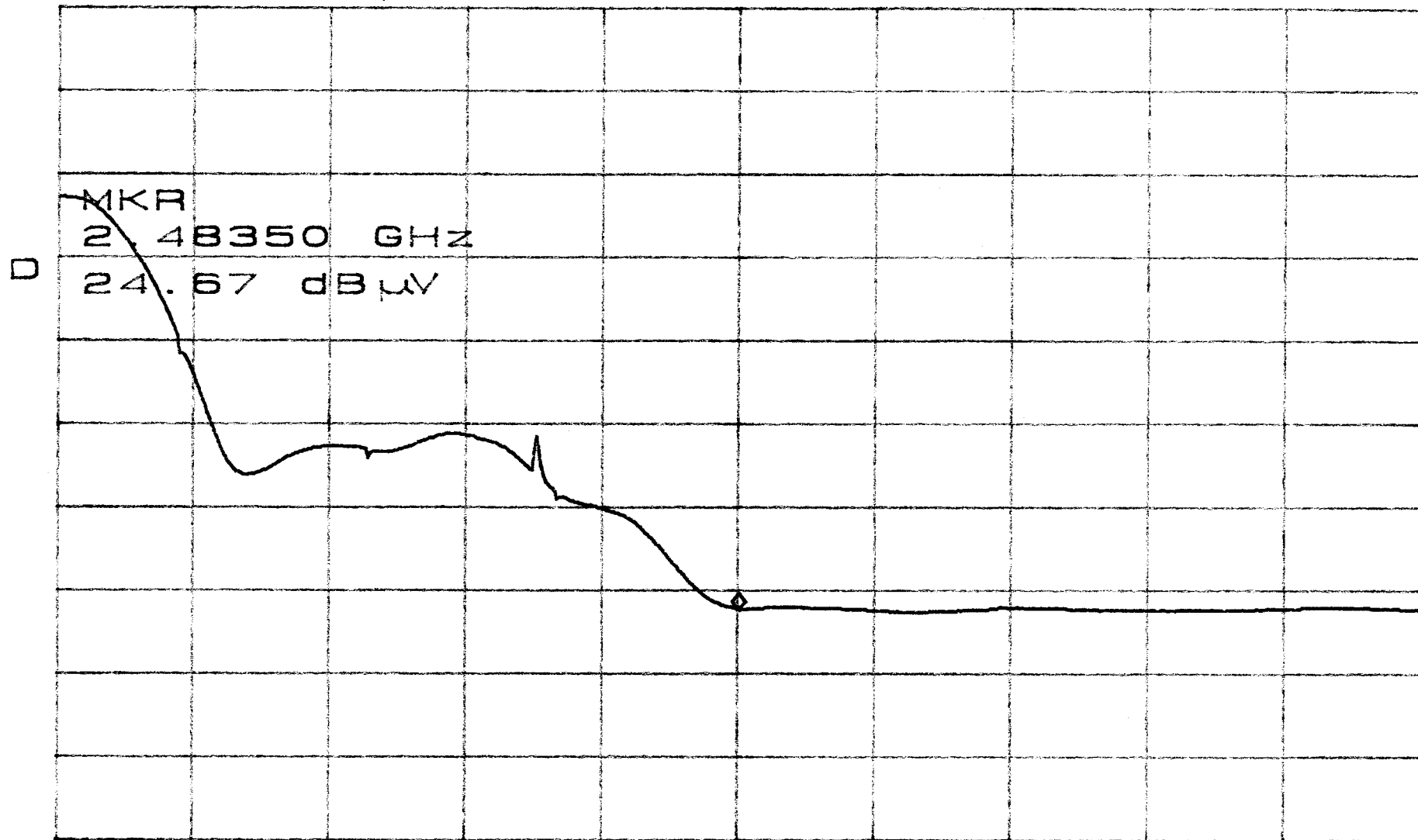
*ATTEN 0dB

RL 97.0dB μ V

10dB/

MKR 24.67dB μ V

2.48350GHz



CENTER 2.48350GHz

SPAN 30.00MHz

*RBW 1.0MHz

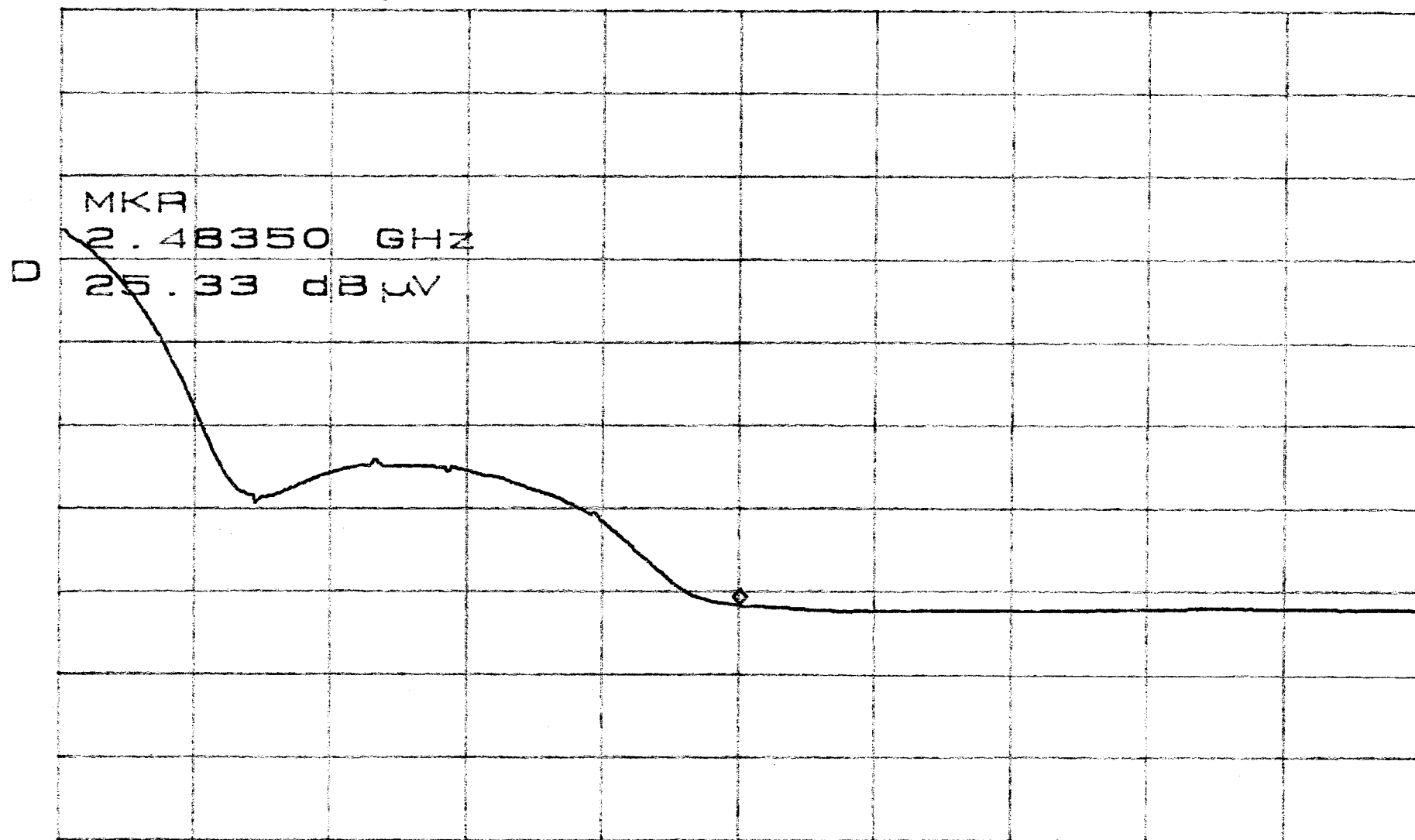
*VBW 10Hz

SWP 7.5sec

*ATTEN 0dB
RL 97.0dB μ V

10dB/

MKR 25.33dB μ V
2.48350GHz



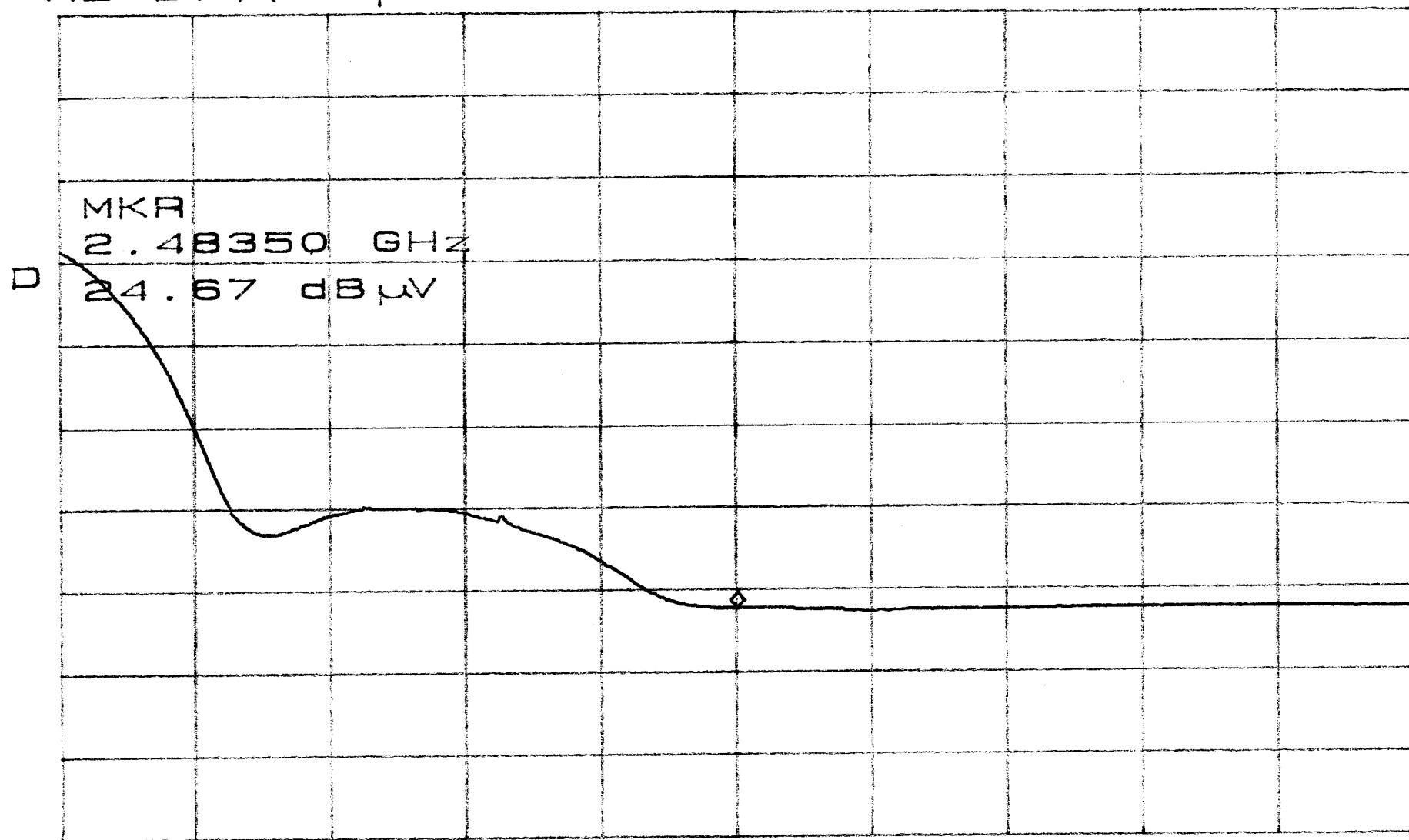
CENTER 2.48350GHz
*RBW 1.0MHz *VBW 10Hz

SPAN 30.00MHz
SWP 7.5sec

*ATTEN 0dB
RL 97.0dB μ V

10dB/

MKR 24.67dB μ V
2.48350GHz



CENTER 2.48350GHz
*RBW 1.0MHz *VBW 10Hz

SPAN 30.00MHz
SWP 7.5sec

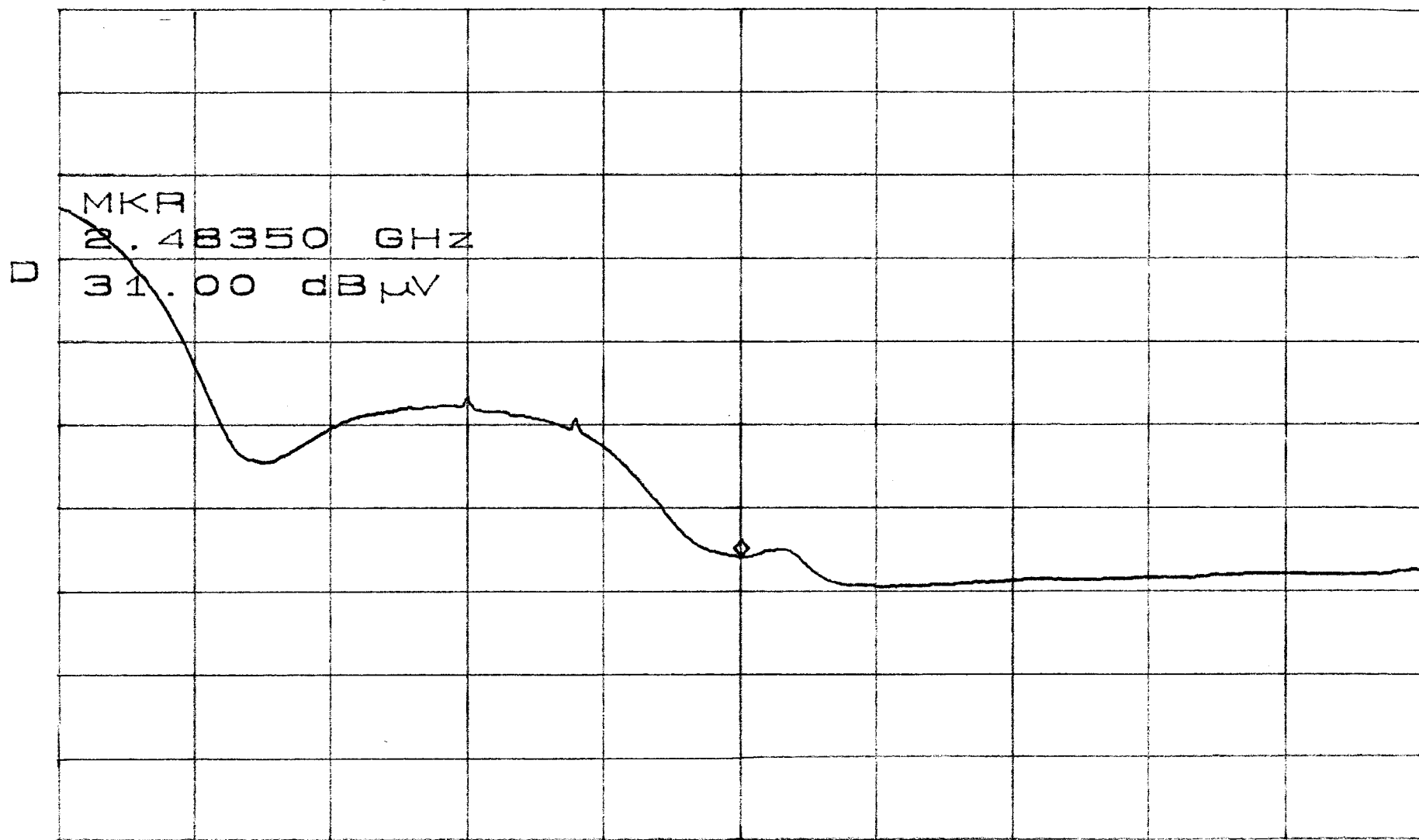
*ATTEN 0dB

RL 97.0dB μ V

10dB/

MKR 31.00dB μ V

2.48350GHz



CENTER 2.48350GHz

SPAN 30.00MHz

*RBW 1.0MHz

*VBW 10Hz

SWP 7.5sec

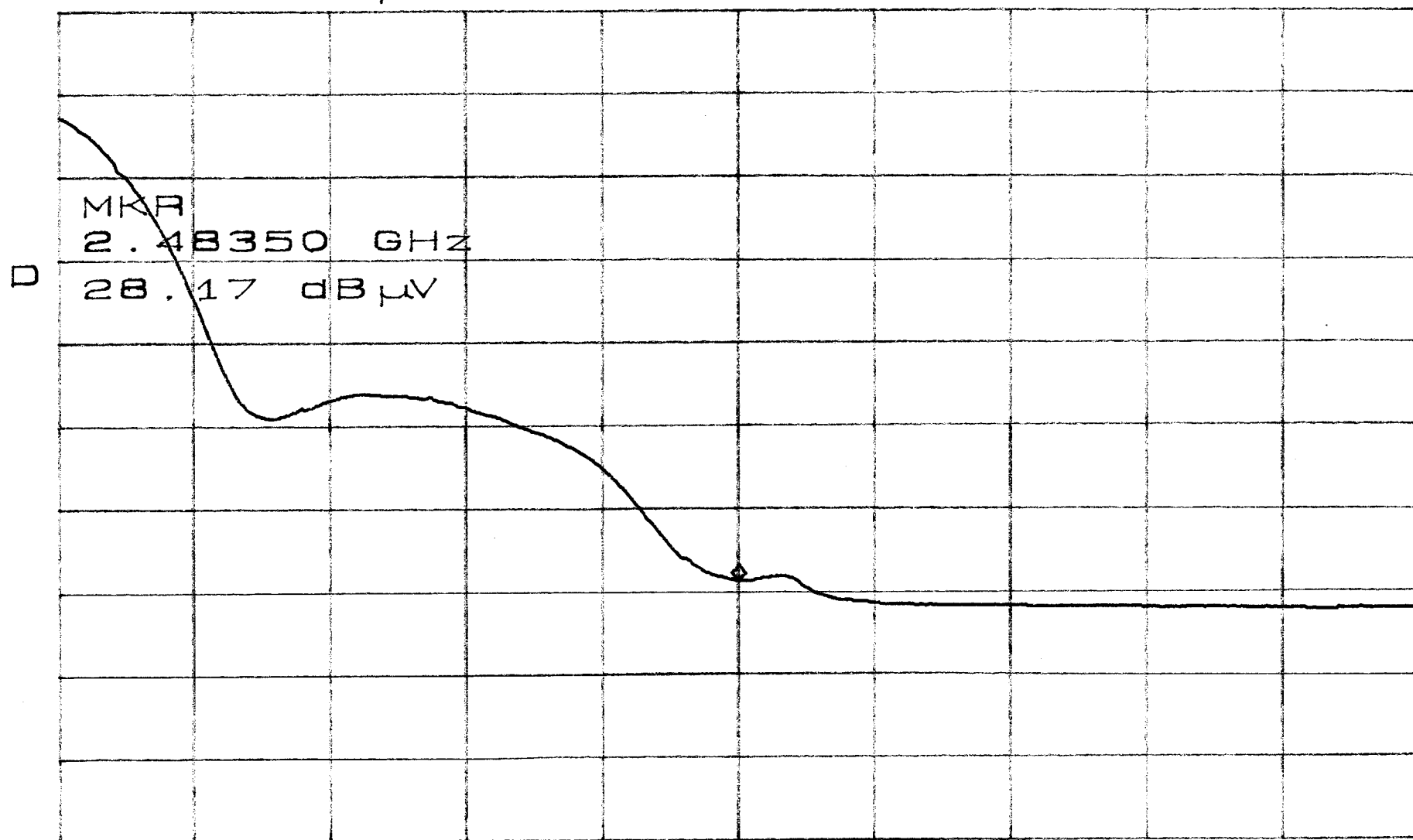
*ATTEN 0dB

RL 97.0dB μ V

10dB/

MKR 28.17dB μ V

2.48350GHz



CENTER 2.48350GHz

SPAN 30.00MHz

*RBW 1.0MHz

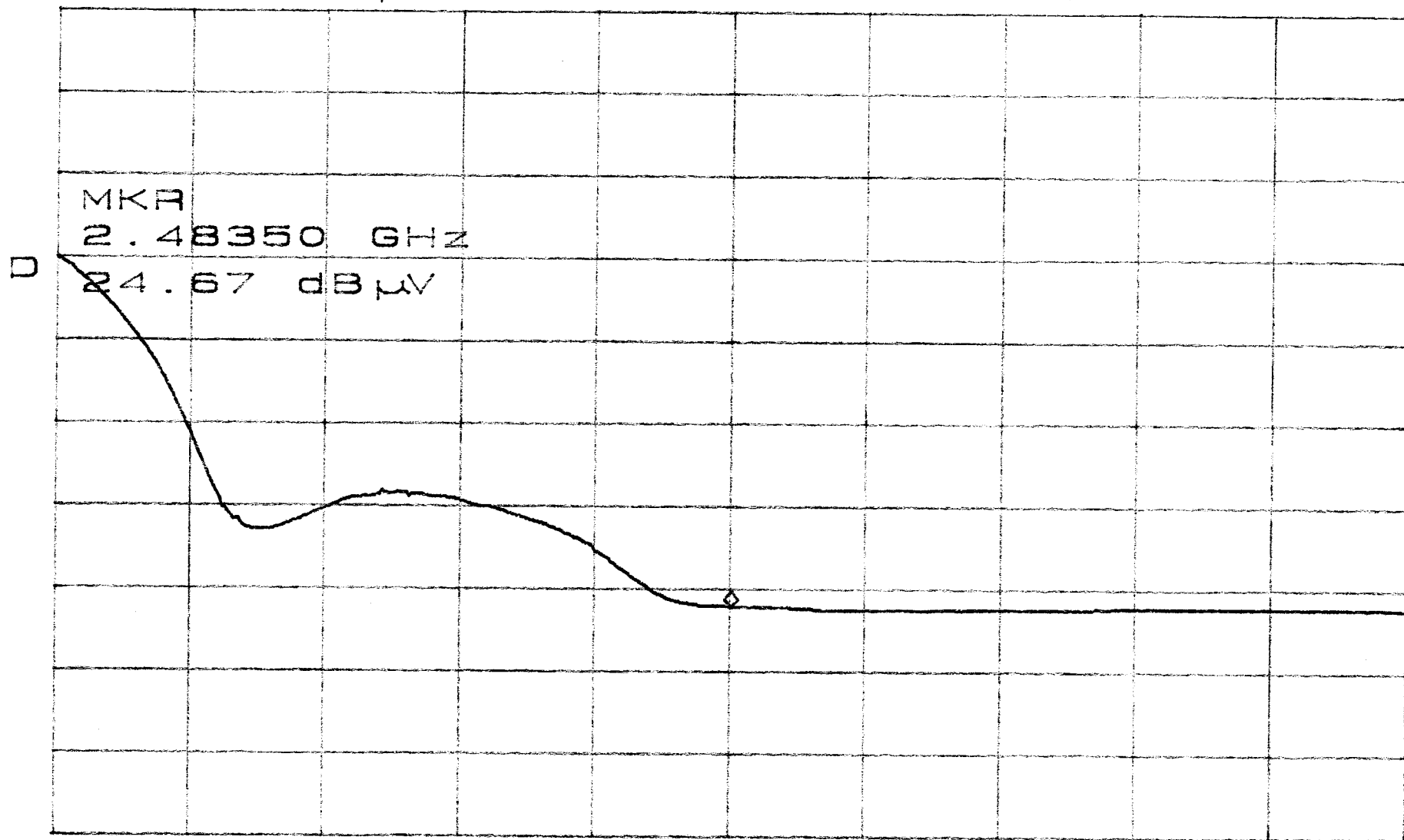
*VBW 10Hz

SWP 7.5sec

*ATTEN 0dB
RL 97.0dBμV

10dB/

√MKR 24.67dBμV
2.48350GHz



CENTER 2.48350GHz
*RBW 1.0MHz *VBW 10Hz

SPAN 30.00MHz
SWP 7.5sec

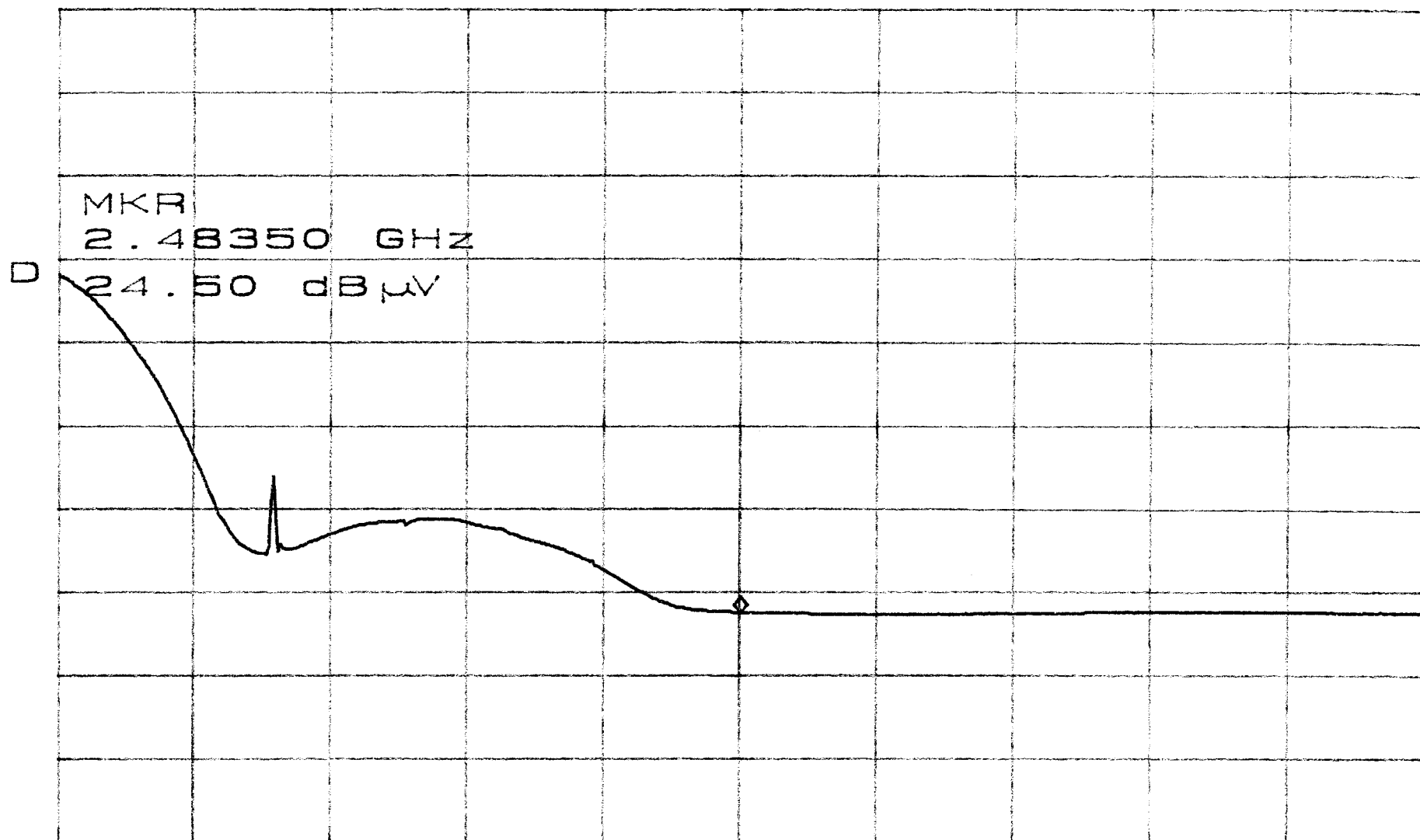
*ATTEN 0dB

MKR 24.50dB μ V

RL 97.0dB μ V

10dB/

2.48350GHz



CENTER 2.48350GHz

SPAN 30.00MHz

*RBW 1.0MHz

*VBW 10Hz

SWP 7.5sec