

RADIATED EMISSIONS

Equipment Used During Testing

Device	Model	S/N	Cal Date	Due Date
Spectrum Analyzer	HP 8566B	6612	7/22/02	7/22/03
Quasi-Peak Adapter	HP 85650A	1850	7/17/02	7/17/03
RF Pre-selector	HP 85685A	0627	9/24/02	9/24/03
Bicon Antenna	EMCO 3110	1679	9/9/02	9/9/03
Log-Periodic Antenna	EMCO 3146	1549	9/8/02	9/8/03
Horn Antenna	EMCO 3115	3459	12/8/02	12/8/03

CONDUCTED EMISSIONS

Equipment Used During Testing

Device	Model	S/N	Cal Date	Due Date
Spectrum Analyzer	HP 8566B	3915	8/30/02	8/30/03
Quasi-Peak Adapter	HP 85650A	1001	7/29/02	7/29/03
RF Pre-selector	HP 85685A	0595	9/25/02	9/25/03
LISN	Fischer 50/250	6 & 7	10/15/02	10/15/03



PHILIPS TESTING SERVICE

APPLICANT: Philips Consumer Electronics Company

FCC ID: BOU AD905W

MEASUREMENTS REPORT (EUT on Channel #1 of 4)

NAME OF TEST : THREE METER OPEN FIELD RADIATED EMISSIONS

FCC RULES: PART 15.249 Operation in the 902 – 928 Mhz Band

MEASUREMENT DISTANCE: 3 – METERS

EUT Height above Ground Plain : 80 cm

REQUIREMENTS:

Fundamental Frequency (MHZ)	Fundamental Freq. MAX Field strength (dBuv/meter)	Harmonic MAX Field strength (dBuv/meter)
914.1	94 dBuv/meter	54 dBuv/meter

TEST DATA:

Emission Frequency (MHZ)	Meter Reading (dBuv)	Antenna Polarity	correction (antenna+cable) factor (dB)	Field Strength (dBuv/meter)
914.12	65.7	V	28.2	93.9
1828.24	15.2	H	37.1	52.3
2742.36	10.9	V	42.1	53.0
3656.48	7.2	V	46.1	53.3

- Measurements were conducted from 30 Mhz to 10 Ghz and only those frequencies reported above were detectable on the 3-meter test site.
- Measurements reported below 1 Ghz are reported as Quasi Peak Measurements. (RBW=100Khz and VBW 100Khz)
- Measurements reported above 1 Ghz are reported as Average measurements. (RBW=1Mhz)
- Measurements were made in accordance with ANSI C63.4 –2000 (section # 13)
- RF Spectrum Analyzer used was HP8566B w/ QP Adapter HP85650
- **TEST RESULTS:** The transmitter does meet FCC Part 15.249 and IC RSS-210 requirements.

TESTED BY: Steve Vann

TEST DATE: 2/11/2003

Tested at the Philips Consumer Electronics Company test facility located in Knoxville, Tennessee.

A Division of Philips Consumer
Electronics Mainstream
One Philips Drive
P.O. Box 14810
Knoxville, TN 37914-1810
Tel: (865) 521-1630

**Our Commitment To Excellence Is
Total Customer Satisfaction**



PHILIPS TESTING SERVICE

APPLICANT: Philips Consumer Electronics Company

FCC ID: BOU AD905W

MEASUREMENTS REPORT (EUT on Channel # 2 of 4)

NAME OF TEST : THREE METER OPEN FIELD RADIATED EMISSIONS

FCC RULES: PART 15.249 Operation in the 902 – 928 Mhz Band

MEASUREMENT DISTANCE: 3 - METERS

EUT Height above Ground Plain : 80 cm

REQUIREMENTS:

Fundamental Frequency (MHZ)	Fundamental Freq. MAX Field strength (dBuv/meter)	Harmonic MAX Field strength (dBuv/meter)
914.54	94 dBuv/meter	54 dBuv/meter

TEST DATA:

Emission Frequency (MHZ)	Meter Reading (dBuv)	Antenna Polarity	correction (antenna+cable) factor (dB)	Field Strength (dBuv/meter)
914.54	65.6	V	28.3	93.9
1829.08	15.0	H	37.1	52.1
2743.62	11.1	V	42.1	53.2
3658.16	7.1	V	46.1	53.2

- Measurements were conducted from 30 Mhz to 10 Ghz and only those frequencies reported above were detectable on the 3-meter test site.
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- Measurements reported above 1 Ghz are reported as Average measurements. (RBW=1Mhz)
- Measurements were made in accordance with ANSI C63.4 –2000 (section # 13)
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PHILIPS TESTING SERVICE

APPLICANT: Philips Consumer Electronics Company

FCC ID: BOU AD905W

MEASUREMENTS REPORT (EUT on Channel # 3 of 4)

NAME OF TEST : THREE METER OPEN FIELD RADIATED EMISSIONS

FCC RULES: PART 15.249 Operation in the 902 – 928 Mhz Band

MEASUREMENT DISTANCE: 3 - METERS

EUT Height above Ground Plain : 80 cm

REQUIREMENTS:

Fundamental Frequency (MHZ)	Fundamental Freq. MAX Field strength (dBuv/meter)	Harmonic MAX Field strength (dBuv/meter)
914.92	94 dBuv/meter	54 dBuv/meter

TEST DATA:

Emission Frequency (MHZ)	Meter Reading (dBuv)	Antenna Polarity	correction (antenna+cable) factor (dB)	Field Strength (dBuv/meter)
914.92	65.4	V	28.3	93.7
1829.84	15.7	H	37.1	52.8
2744.76	11.2	H	42.1	53.3
3659.68	7.1	V	46.1	53.2

- Measurements were conducted from 30 Mhz to 10 Ghz and only those frequencies reported above were detectable on the 3-meter test site.
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- Measurements were made in accordance with ANSI C63.4 –2000 (section # 13)
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TEST DATE: 2/11/2003

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PHILIPS TESTING SERVICE

APPLICANT: Philips Consumer Electronics Company

FCC ID: BOU AD905W

MEASUREMENTS REPORT (EUT on Channel # 4 of 4)

NAME OF TEST : THREE METER OPEN FIELD RADIATED EMISSIONS

FCC RULES: PART 15.249 Operation in the 902 – 928 Mhz Band

MEASUREMENT DISTANCE: 3 - METERS

EUT Height above Ground Plain : 80 cm

REQUIREMENTS:

Fundamental Frequency (MHZ)	Fundamental Freq. MAX Field strength (dBuv/meter)	Harmonic MAX Field strength (dBuv/meter)
915.28	94 dBuv/meter	54 dBuv/meter

TEST DATA:

Emission Frequency (MHZ)	Meter Reading (dBuv)	Antenna Polarity	correction (antenna+cable) factor (dB)	Field Strength (dBuv/meter)
915.28	65.4	V	28.3	93.7
1830.56	15.3	H	37.1	52.4
2745.84	10.9	V	42.1	53.0
3661.12	7.1	V	46.1	53.2

- Measurements were conducted from 30 Mhz to 10 Ghz and only those frequencies reported above were detectable on the 3-meter test site.
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- Measurements reported above 1 Ghz are reported as Average measurements. (RBW=1Mhz)
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OCCUPIED BANDWIDTH

MKR Δ 80 KHz

REF 97.0 dB μ V

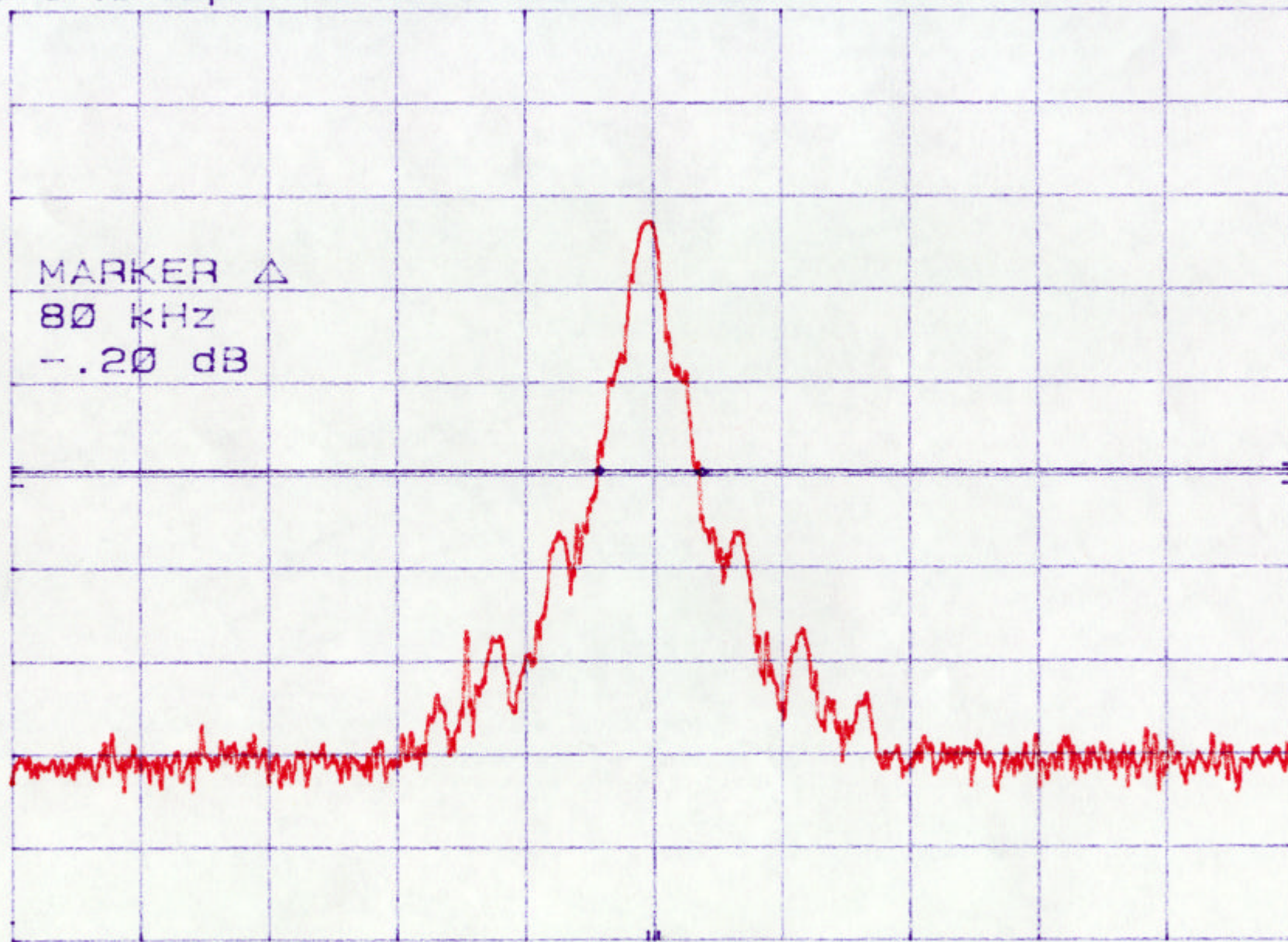
ATTEN 10 dB + 20 dB

-.20 dB

hp
10 dB/

DL
47.5
dB μ V

MARKER Δ
80 KHz
-.20 dB



CENTER 915.308 MHz

SPAN 1.000 MHz

RES BW 10 KHz

VBW 10 KHz

SWP 30 msec

OCCUPIED BANDWIDTH

MKR Δ -80 KHz

REF 97.0 dB μ V

ATTEN 10 dB + 20 dB

.20 dB

hp

10 dB/

MARKER Δ

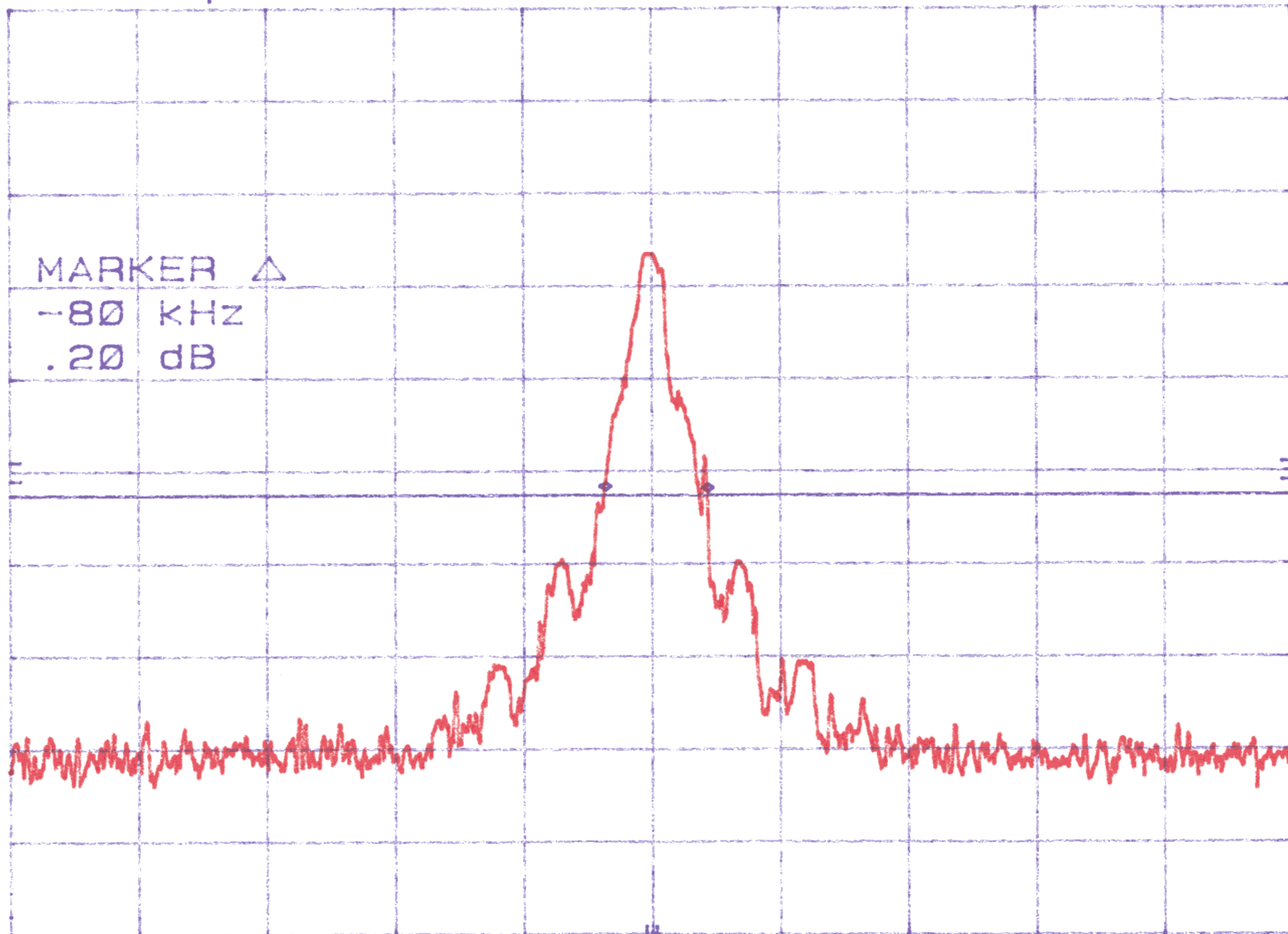
-80 KHz

.20 dB

DL

44.4

dB μ V



CENTER 914.105 MHz

SPAN 1.000 MHz

RES BW 10 KHz

VBW 10 KHz

SWP 30 msec

OCCUPIED BANDWIDTH

MKR Δ 76 kHz

hp

REF 97.0 dB μ V

ATTEN 10 dB + 20 dB

.50 dB

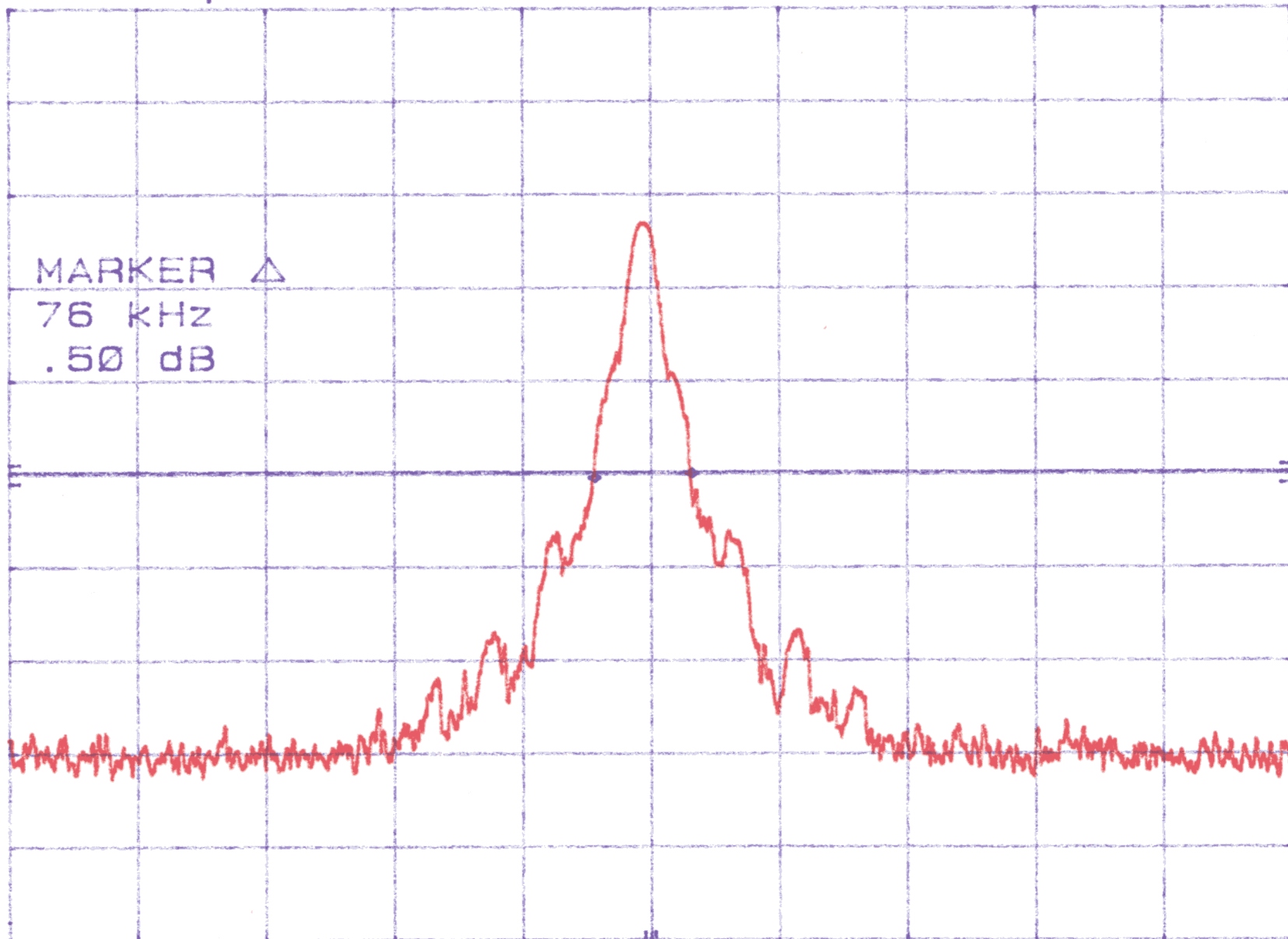
10 dB/

DL
47.2
dB μ V

MARKER Δ

76 kHz

.50 dB



CENTER 914.510 MHz

RES BW 10 kHz

VBW 10 kHz

SPAN 1.000 MHz

SWP 30 msec

OCCUPIED BANDWIDTH

MKR Δ 77 kHz

hp

REF 97.0 dB μ V

ATTEN 10 dB + 20 dB

1.10 dB

10 dB/

DL

46.0
dB μ V

MARKER Δ

77 kHz

1.10 dB

CENTER 914.909 MHz

RES BW 10 kHz

VBW 10 kHz

SPAN 1.000 MHz

SWP 30 msec

