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 EMMISSIONS

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

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 EMMISSIONS

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.**
- **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

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 EMMISSIONS

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.**
- **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.

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

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 EMMISSIONS

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.**
- **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 requirements.

TESTED BY: Steve Vann
TEST DATE: 2/11/2003

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

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P.O. Box 14810
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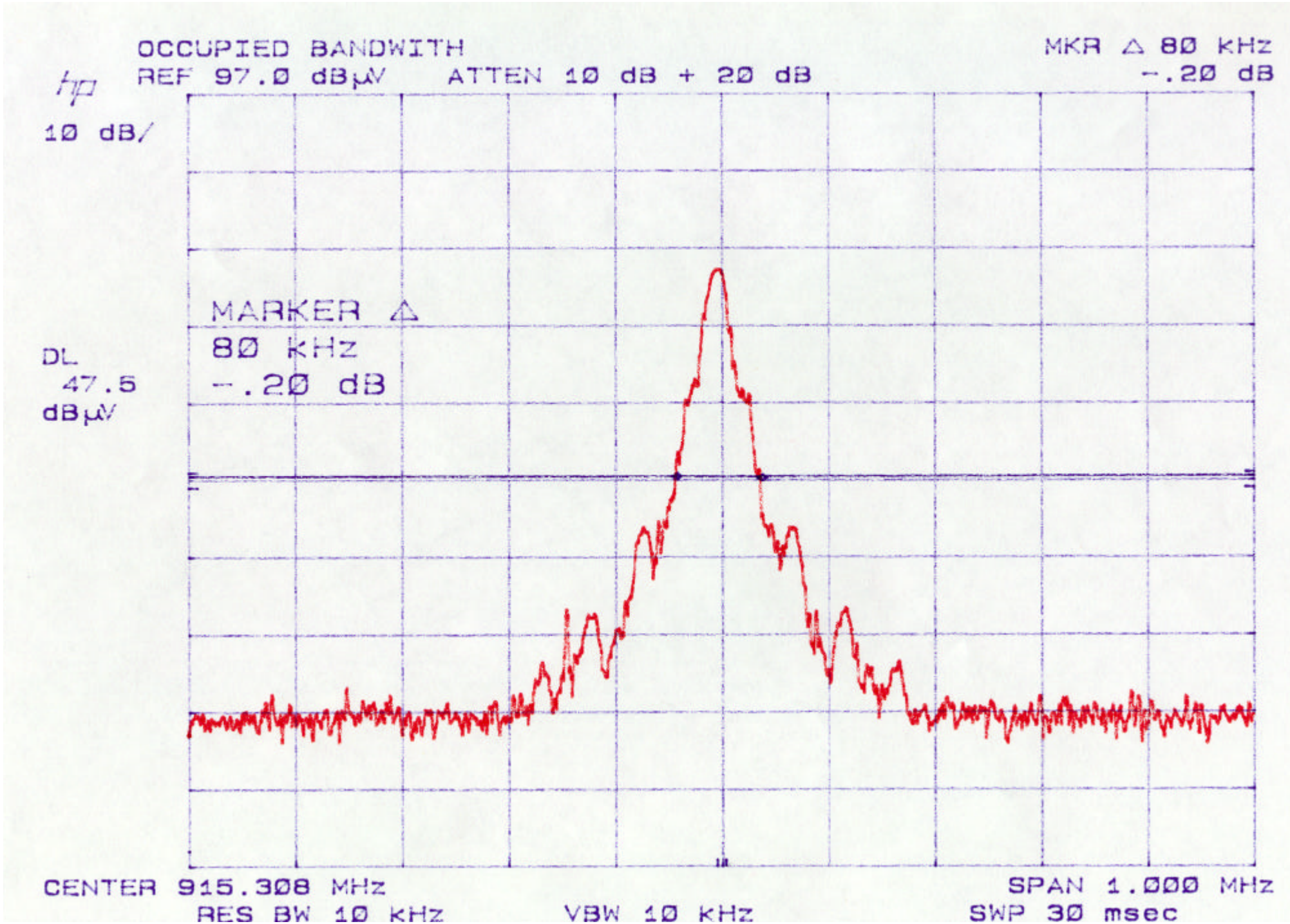
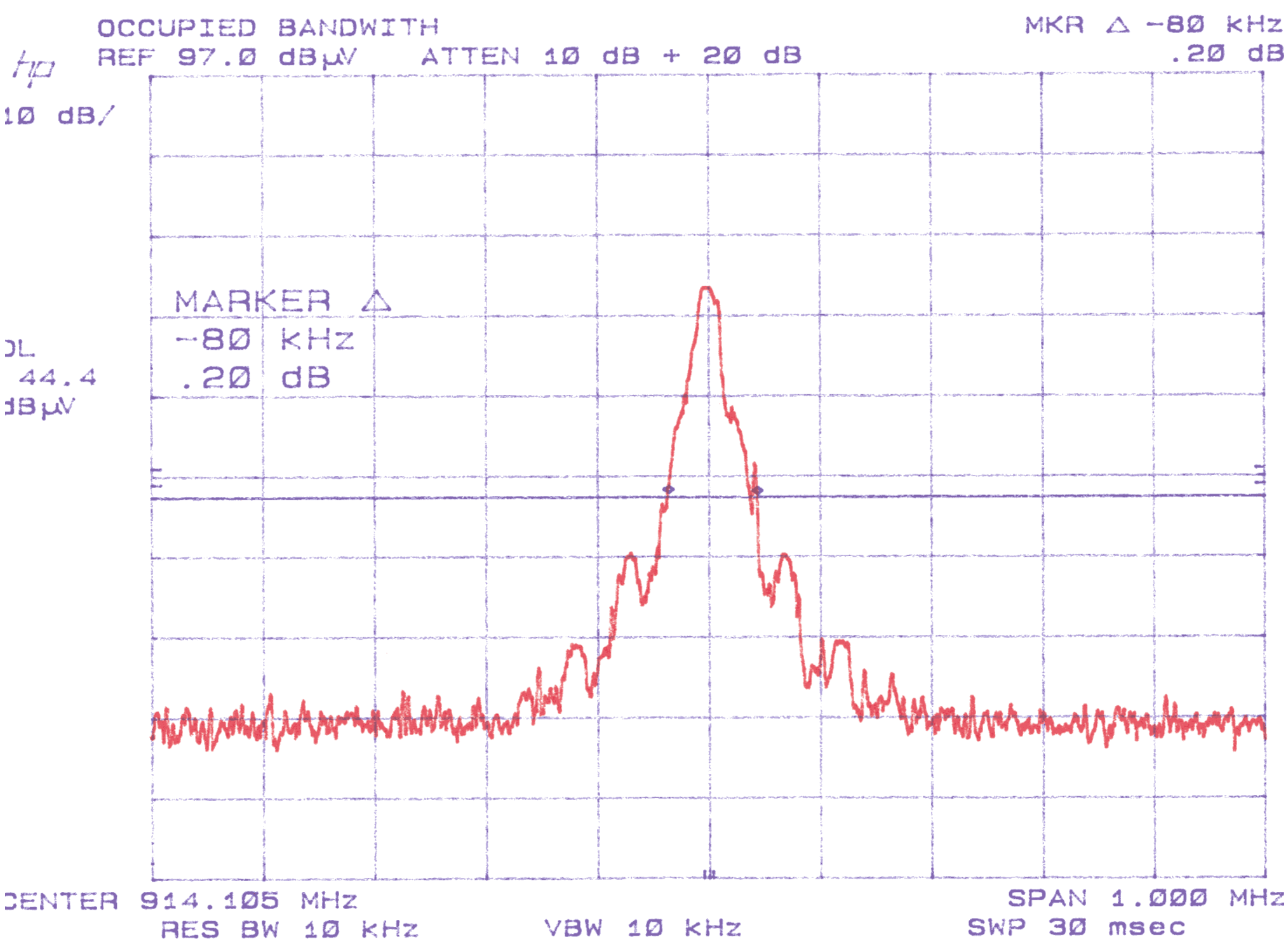
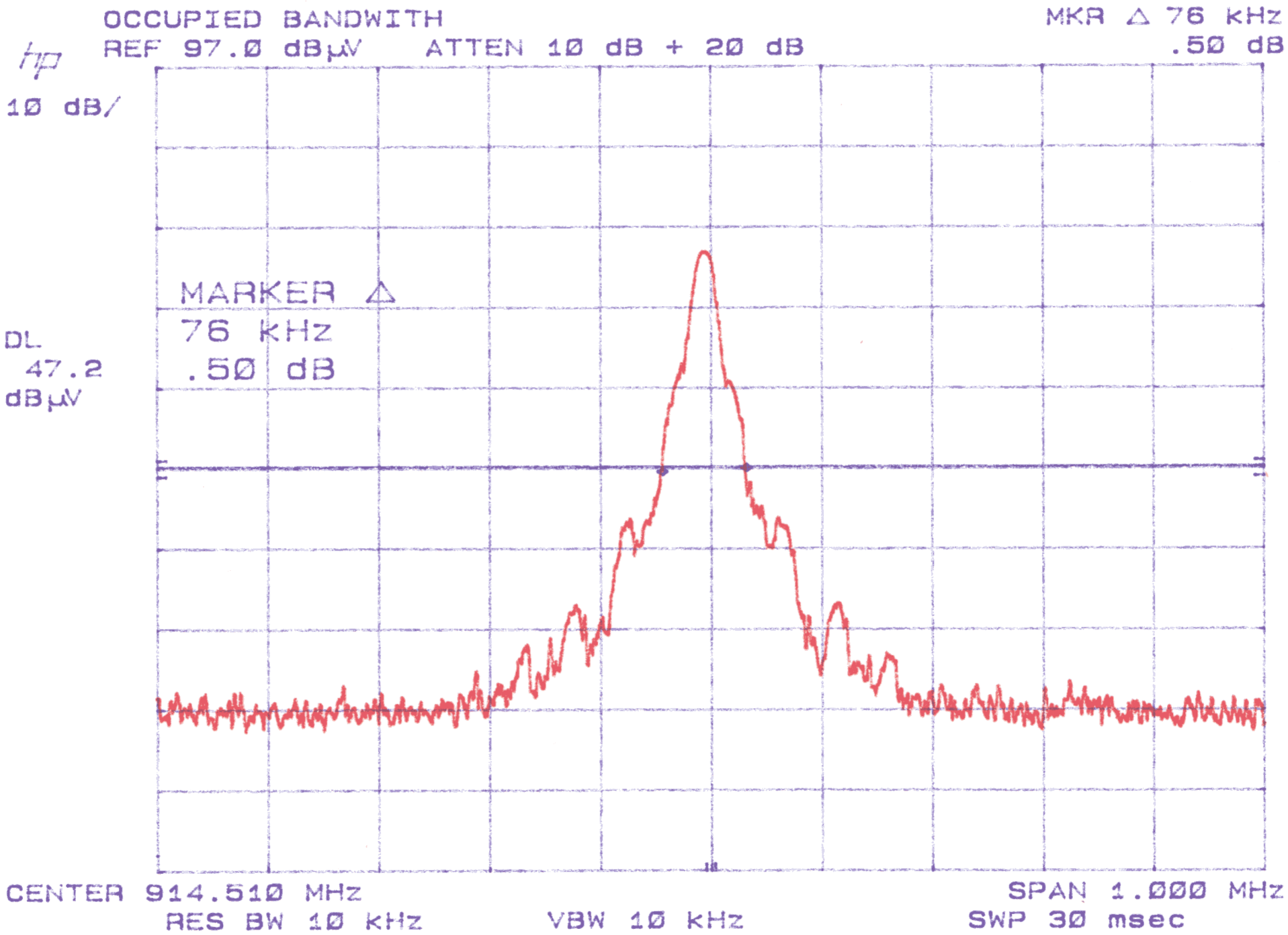
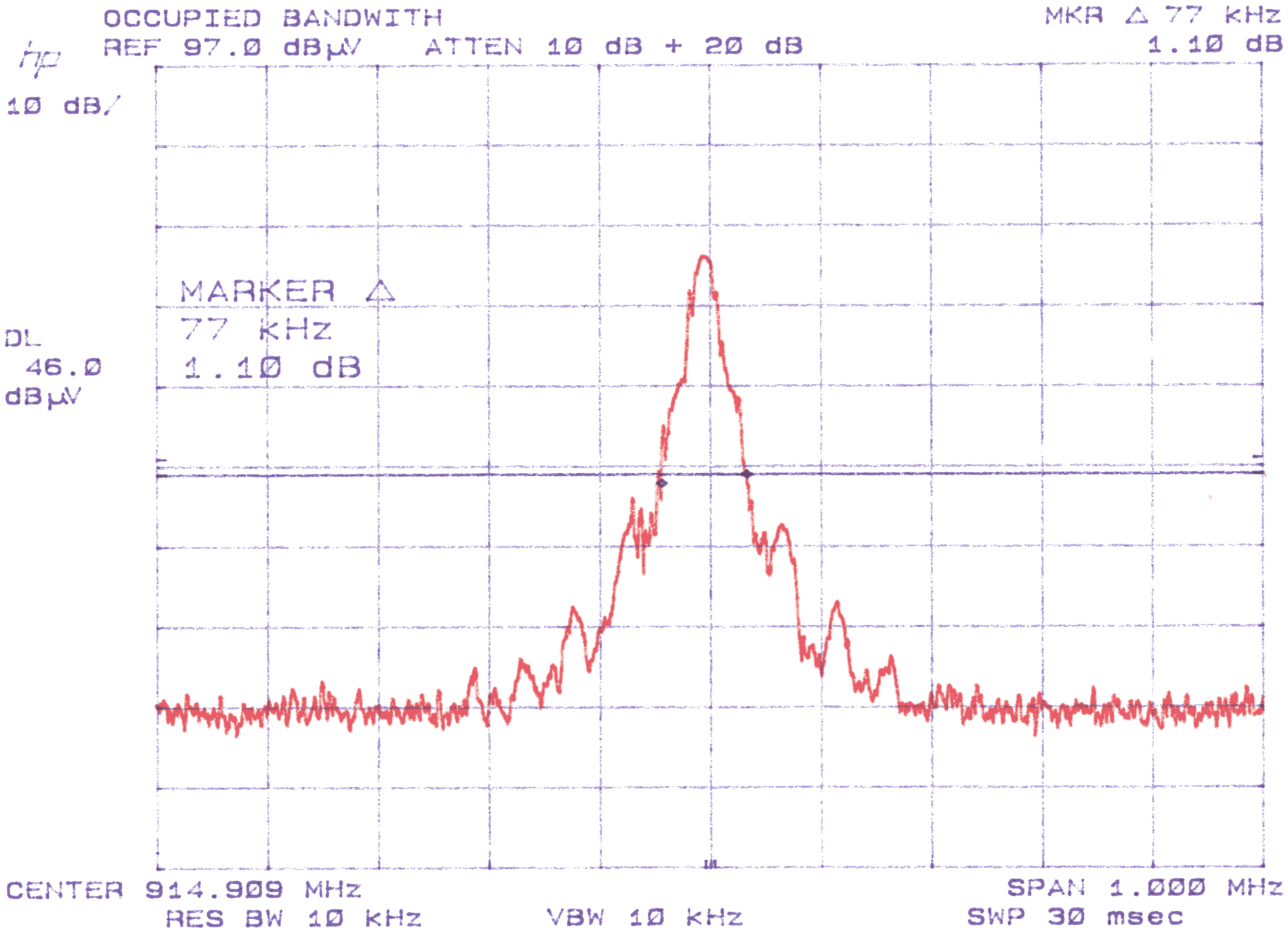
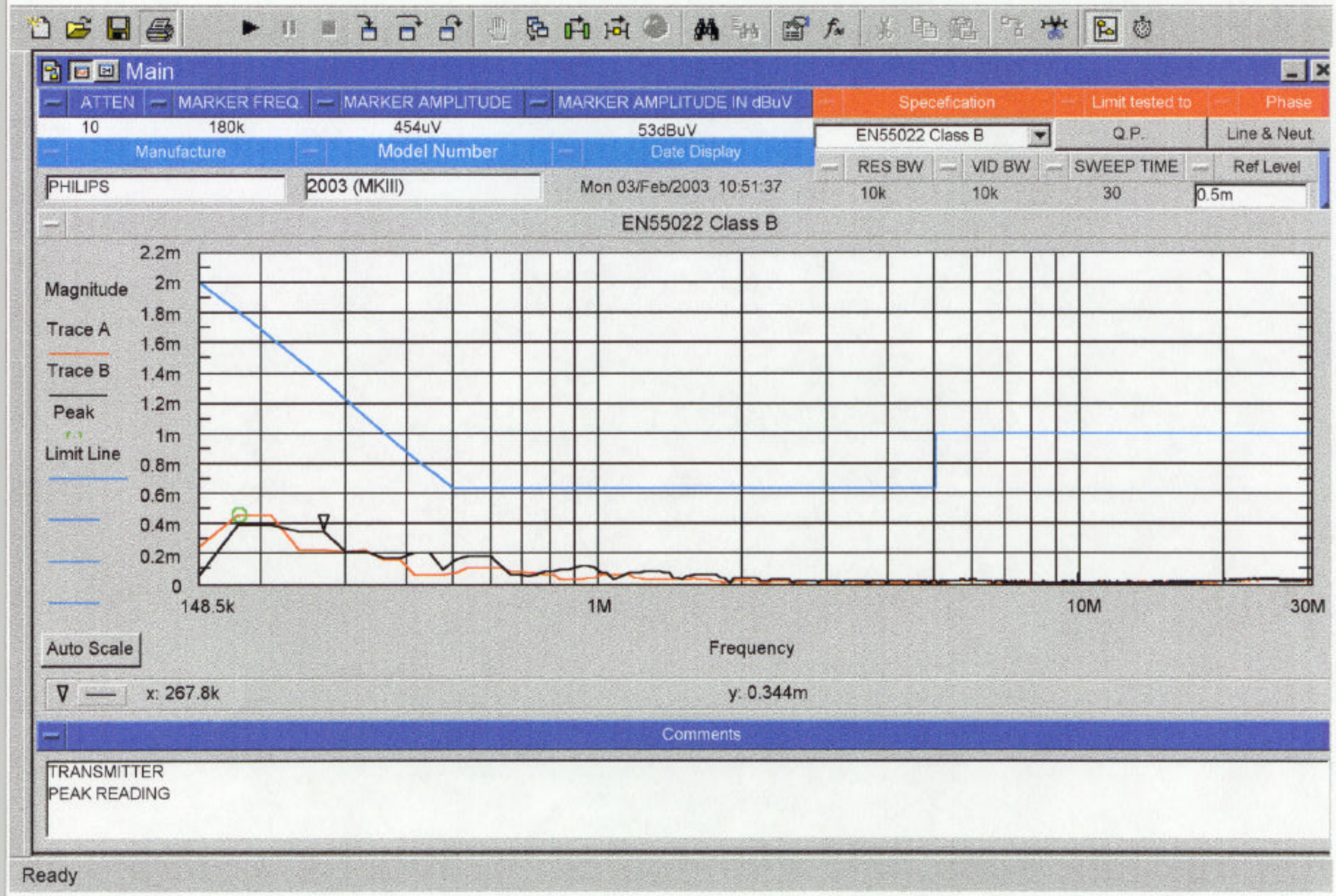
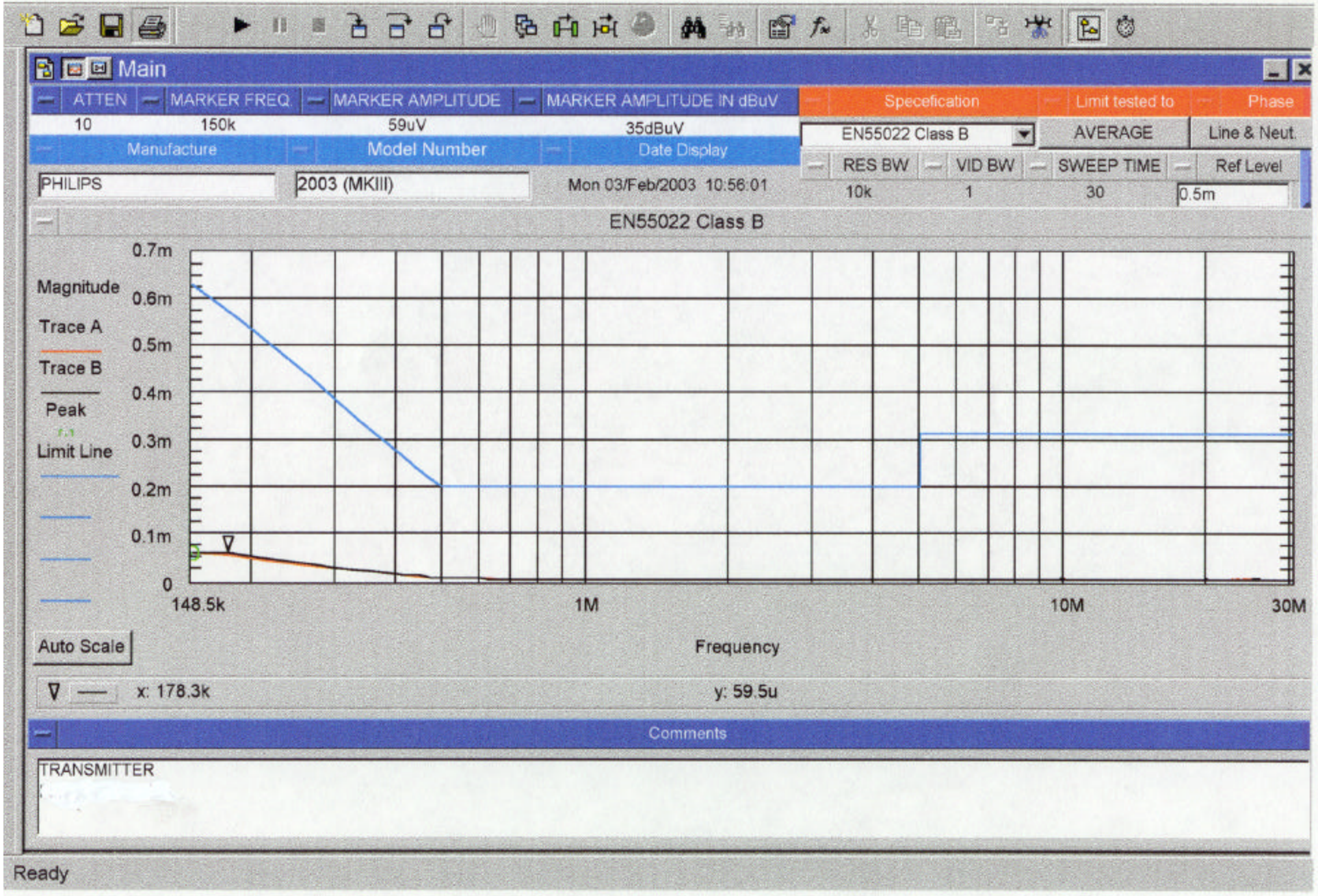

OCCUPIED BANDWITH
REF 97.0 dBµV
ATTEN 10 dB + 20 dB
MKR Δ 80 kHz
-.20 dB
10 dB/
MARKER Δ
80 kHz
-.20 dB
DL
47.5
dBµV
CENTER 915.300 MHz
RES BW 10 kHz
VBW 10 kHz
SPAN 1.000 MHz
SWP 30 msec


OCCUPIED BANDWITH
MKR Δ -80 kHz
REF 97.0 dBμV
ATTEN 10 dB + 20 dB
.20 dB
10 dB/
MARKER Δ
-80 kHz
.20 dB
DL
44.4
dBμV
CENTER 914.105 MHz
SPAN 1.000 MHz
RES BW 10 kHz
VBW 10 kHz
SWP 30 msec


OCCUPIED BANDWITH
MKR Δ 76 kHz
REF 97.0 dBμV
ATTEN 10 dB + 20 dB
.50 dB
10 dB/
MARKER Δ
76 kHz
.50 dB
DL
47.2
dBμV
CENTER 914.510 MHz
SPAN 1.000 MHz
RES BW 10 kHz
VBW 10 kHz
SWP 30 msec


OCCUPIED BANDWITH
MKR Δ 77 kHz
REF 97.0 dBμV
ATTEN 10 dB + 20 dB
1.10 dB
hp
10 dB/
MARKER Δ
77 kHz
1.10 dB
DL
46.0
dBμV
CENTER 914.909 MHz
SPAN 1.000 MHz
RES BW 10 kHz
VBW 10 kHz
SWP 30 msec


Main
ATTEN
MARKER FREQ.
MARKER AMPLITUDE
MARKER AMPLITUDE IN dBuV
Specefication
Limit tested to
Phase
10
180k
454uV
53dBuV
EN55022 Class B
Q.P.
Line & Neut
Manufacture
Model Number
Date Display
RES BW
VID BW
SWEEP TIME
Ref Level
PHILIPS
2003 (MKIII)
Mon 03/Feb/2003 10:51:37
10k
10k
30
0.5m
EN55022 Class B
Magnitude
Trace A
Trace B
Peak
Limit Line
2.2m
2m
1.8m
1.6m
1.4m
1.2m
1m
0.8m
0.6m
0.4m
0.2m
0
148.5k
1M
10M
30M
Auto Scale
Frequency
x: 267.8k
y: 0.344m
Comments
TRANSMITTER
PEAK READING
Ready


Main
ATTEN
MARKER FREQ.
MARKER AMPLITUDE
MARKER AMPLITUDE IN dBuV
Specefication
Limit tested to
Phase
10
150k
59uV
35dBuV
EN55022 Class B
AVERAGE
Line & Neut.
Manufacture
Model Number
Date Display
RES BW
VID BW
SWEEP TIME
Ref Level
PHILIPS
2003 (MKIII)
Mon 03/Feb/2003 10:56:01
10k
1
30
0.5m
EN55022 Class B
Magnitude
Trace A
Trace B
Peak
Limit Line
0.7m
0.6m
0.5m
0.4m
0.3m
0.2m
0.1m
0
148.5k
1M
10M
30M
Auto Scale
Frequency
x: 178.3k
y: 59.5u
Comments
TRANSMITTER
Ready