



# TECHNISONIC INDUSTRIES LTD.

DIGITAL VHF/FM TRANSCEIVER, MODEL TDFM-136

Frequency: 138 MHz, Power Rating:        W, Channel Spacing: 12.5 kHz

Modulation: FM Voice modulation ( 2.5 kHz, Freq. Dev.: 1.8 kHz )

Date: Nov. 26, 1999  
Tested by: Hung Trinh

REF LEVEL  
49.5 dBm

ACTV DET: PEAK  
MEAS DET: PEAK QP AVG  
MKR 138.00000 MHz  
39.50 dBm

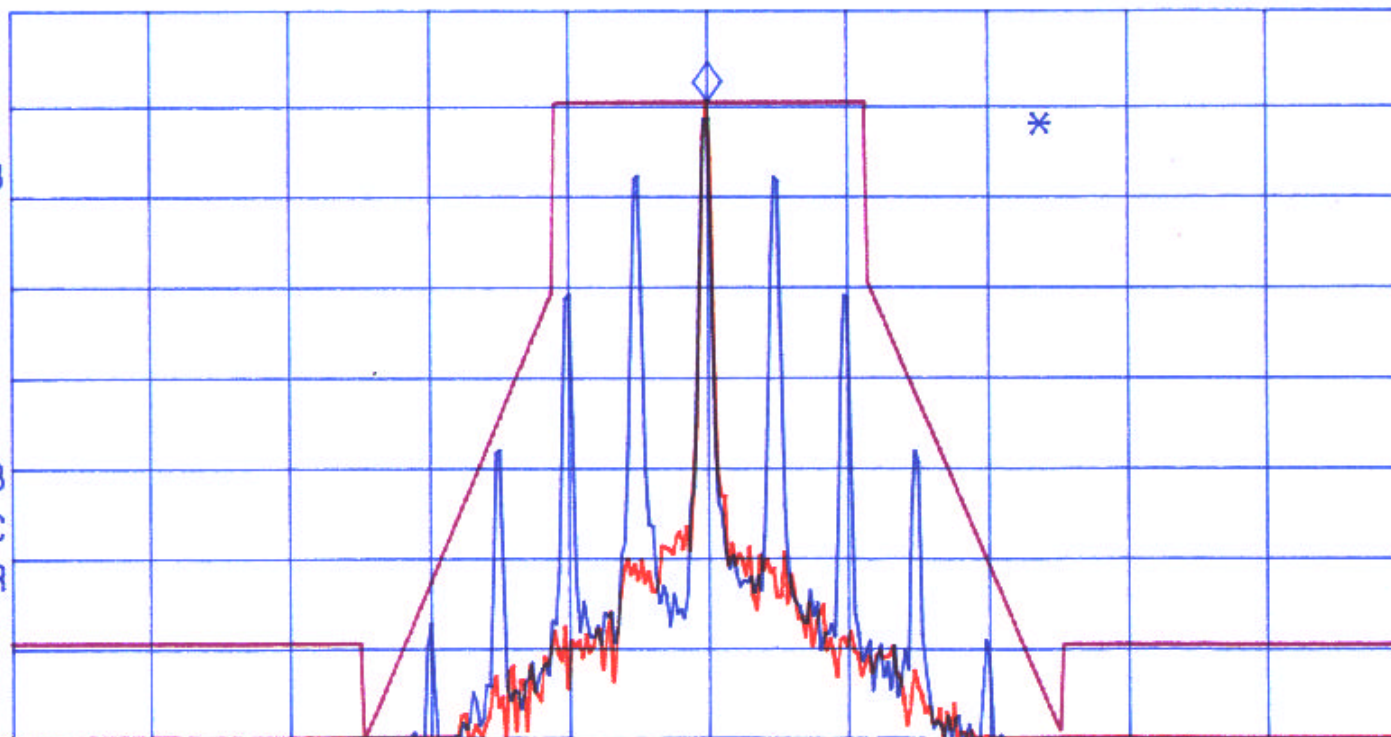
No user  
Menu

LOG REF OFFST 30.0 dB  
10 REF 49.5 dBm

*MASK D*

dB/  
ATN  
30 dB

VA VB  
SC FC  
CORR



CENTER 138.00000 MHz

SPAN 50.00 kHz

#IF BW 100 Hz

AVG BW 100 Hz

SWP 15.0 sec



**UltraTech**

Engineering Labs Inc.

**TECHNISONIC INDUSTRIES LTD.**

DIGITAL VHF/FM TRANSCEIVER, MODEL TDFM-136

Frequency: 150 MHz, Power Rating:        W, Channel Spacing: 12.5 kHz

Modulation: FM Voice modulation ( 2.5 kHz, Freq. Dev.: 1.8 kHz )

Date: Nov. 26 1999

Tested by: Hung Trinh

REF LEVEL

49.3 dBm

ACTV DET: PEAK

MEAS DET: PEAK QP AVG

MKR 150.00013 MHz

39.28 dBm

No user

Menu

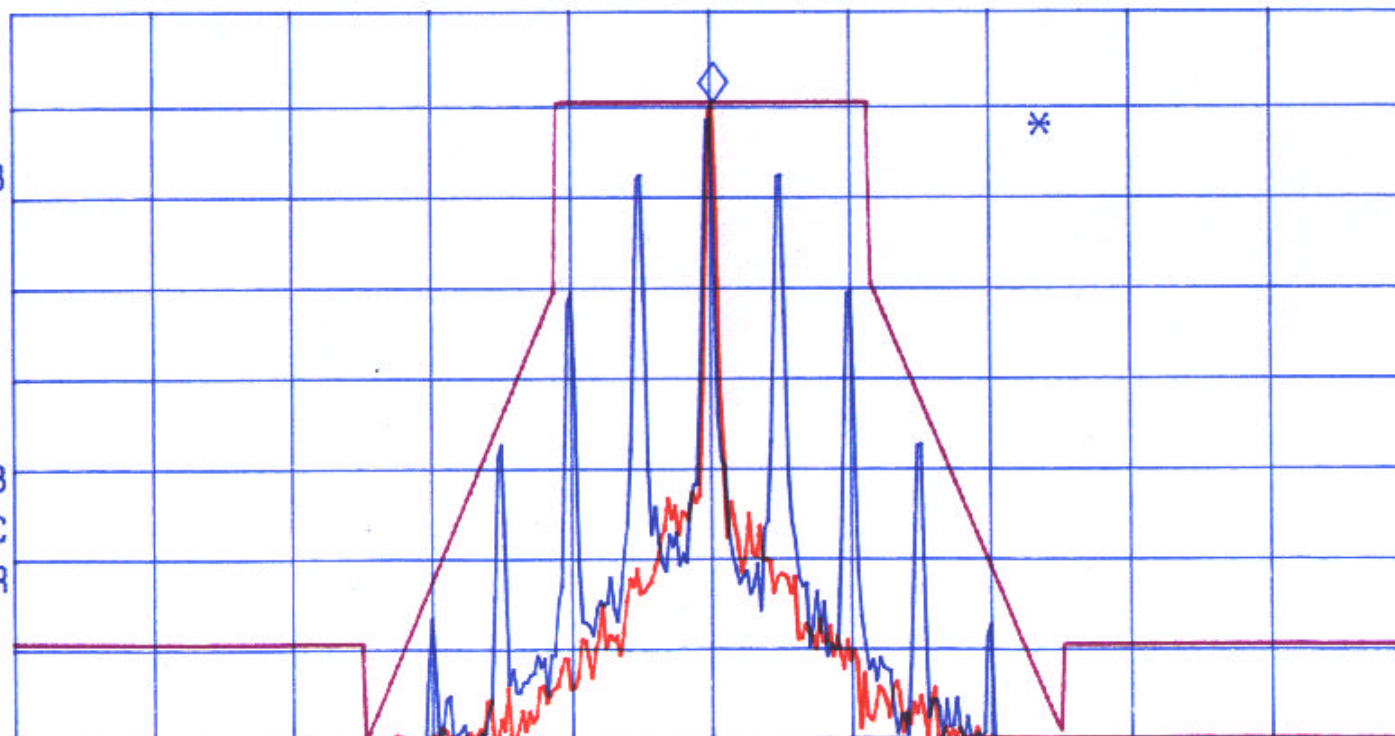
REF OFFST 30.0 dB

*MASK D*

LOG REF 49.3 dBm

10  
dB/  
ATN  
30 dB

VA VB  
SC FC  
CORR



CENTER 150.00000 MHz

#IF BW 100 Hz

AVG BW 100 Hz

SPAN 50.00 kHz

SWP 15.0 sec



**UltraTech**  
Engineering Labs Inc.

# TECHNISONIC INDUSTRIES LTD.

DIGITAL VHF/FM TRANSCEIVER, MODEL TDFM-136

Frequency: 174 MHz, Power Rating: \_\_\_\_\_ W, Channel Spacing: 12.5 kHz  
Modulation: FM Voice modulation ( 2.5 kHz, Freq. Dev.: 1.8 kHz )

Date: Nov. 20 1999  
Tested by: Hung Trinh

REF LEVEL  
49.2 dBm

ACTV DET: PEAK

MEAS DET: PEAK QP AVG

MKR 174.00000 MHz

39.25 dBm

No user  
Menu

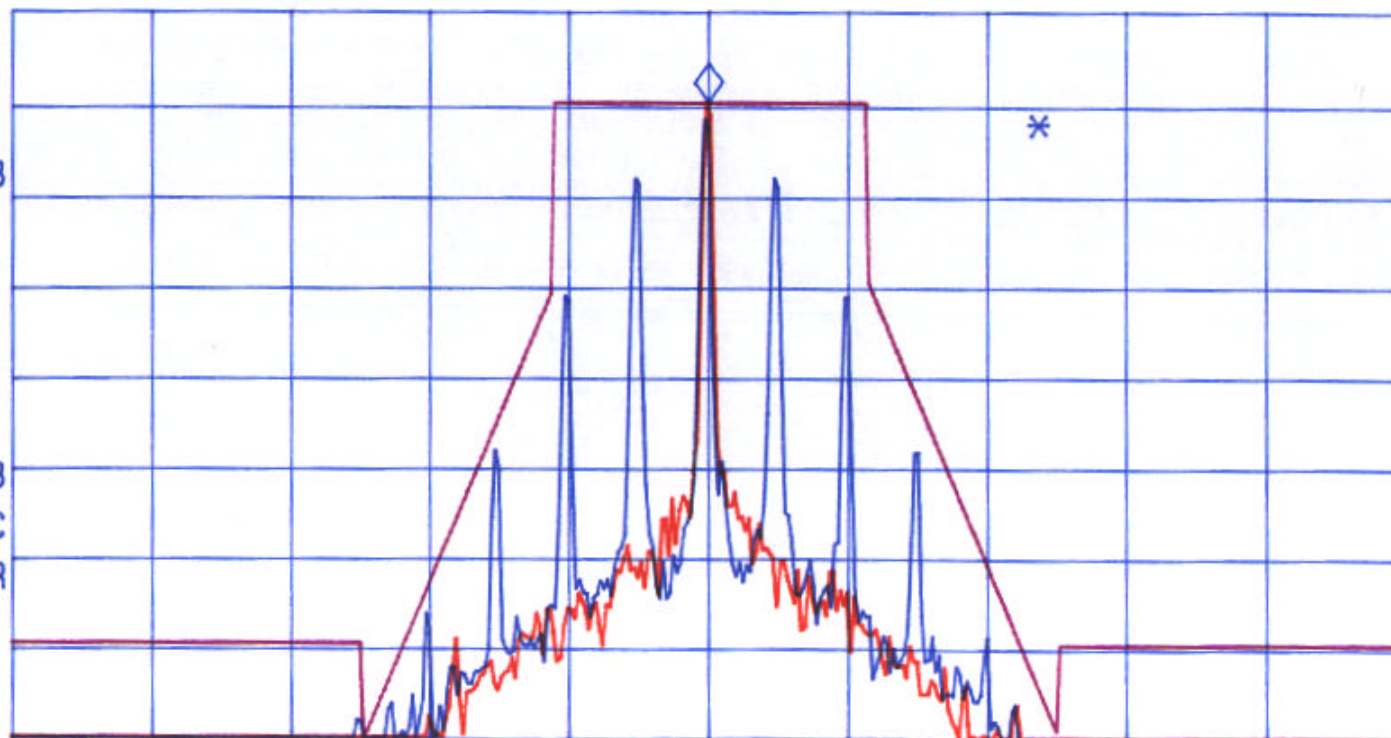
REF OFFST 30.0 dB

*MASK D*

LOG REF 49.2 dBm

10  
dB/  
ATN  
30 dB

VA VB  
SC FC  
CORR



CENTER 174.00000 MHz

#IF BW 100 Hz

AVG BW 100 Hz

SPAN 50.00 kHz

SWP 15.0 sec



**UltraTech**

Engineering Labs Inc.

hp

**TECHNISONIC INDUSTRIES LTD.**

DIGITAL VHF/FM TRANSCEIVER, MODEL TDFM-136

Frequency: 138 MHz, Power Rating: \_\_\_\_\_ W, Channel Spacing: 12.5 kHz

Modulation: FM Data modulation ( 9600 b/s random data source )

Date: Nov. 26 1999

Tested by: Hung Trinh

ACTV DET: PEAK

MEAS DET: PEAK QP AVG

MKR 138.00000 MHz

39.51 dBm

No user

Menu

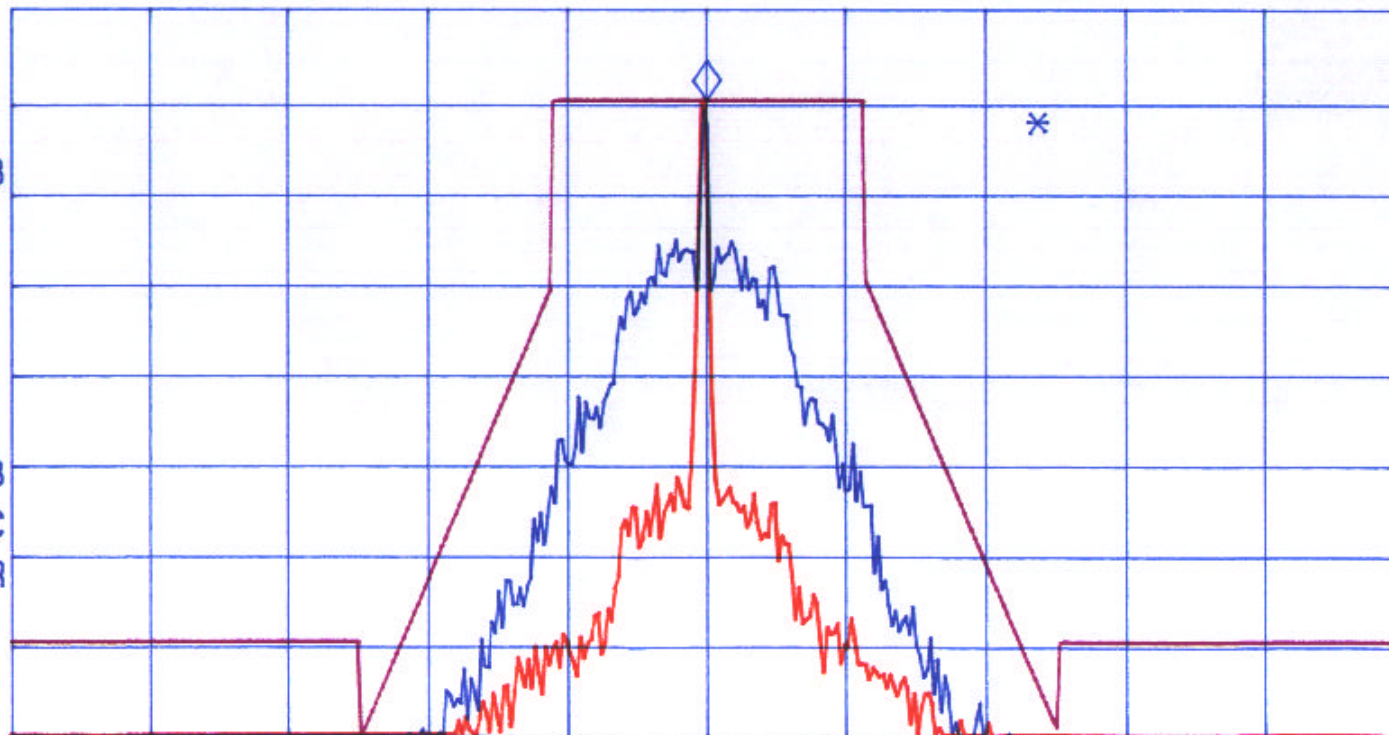
REF OFFST 30.0 dB

MASK D

LOG REF 49.5 dBm

10  
dB/  
ATN  
30 dB

VA VB  
SC FC  
CORR



CENTER 138.00000 MHz

SPAN 50.00 kHz

#IF BW 100 Hz

AVG BW 100 Hz

SWP 15.0 sec



**UltraTech**  
Engineering Labs Inc.

# TECHNISONIC INDUSTRIES LTD.

DIGITAL VHF/FM TRANSCEIVER, MODEL TDFM-136

Frequency: 150 MHz, Power Rating:        W, Channel Spacing: 12.5 kHz  
Modulation: FM Data modulation ( 9600 b/s random data source )

Date: Nov. 26 1999  
Tested by: Hung Trinh

REF LEVEL  
49.3 dBm

ACTV DET: PEAK  
MEAS DET: PEAK QP AVG  
MKR 150.00000 MHz  
39.26 dBm

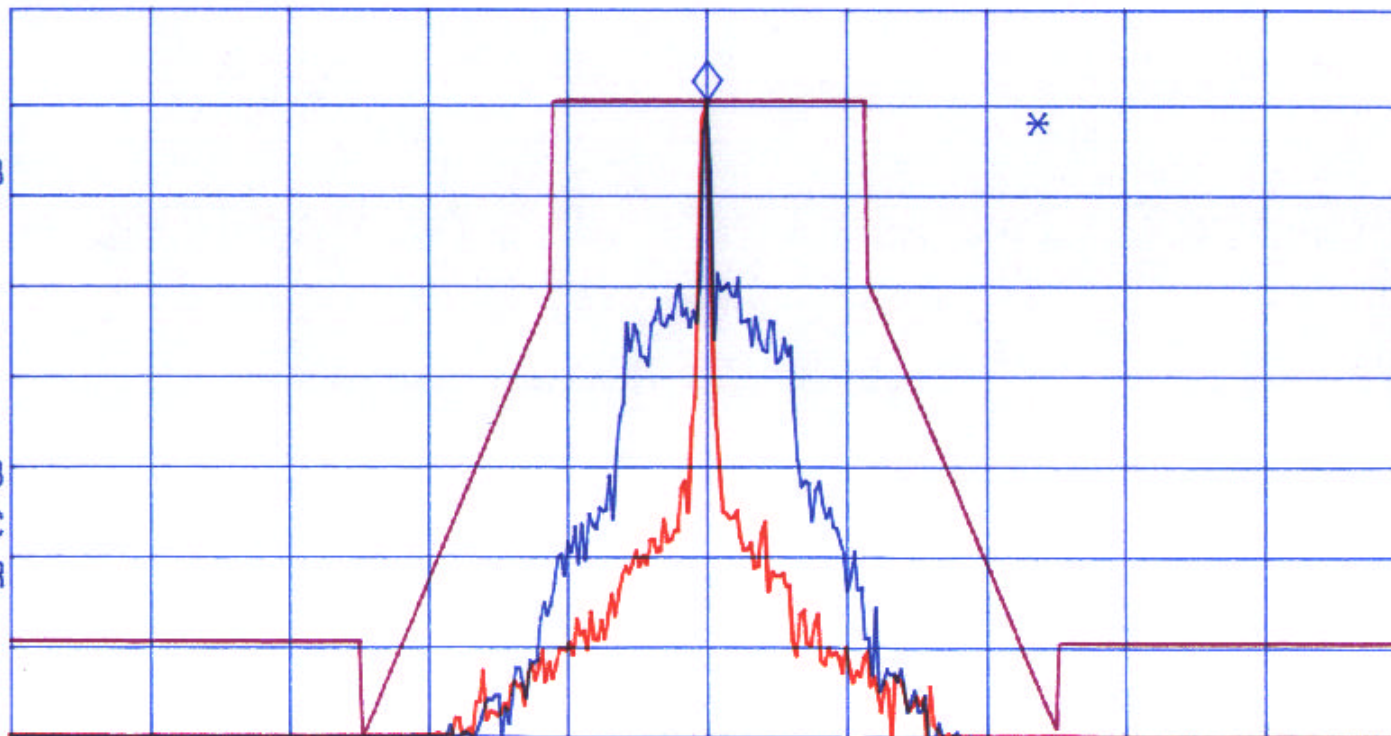
No user  
Menu

REF OFFST 30.0 dB  
LOG REF 49.3 dBm

*MASK D*

LOG  
10  
dB/  
ATN  
30 dB

VA VB  
SC FC  
CORR



CENTER 150.00000 MHz  
#IF BW 100 Hz

AVG BW 100 Hz

SPAN 50.00 kHz  
SWP 15.0 sec



**UltraTech**  
Engineering Labs Inc.

# TECHNISONIC INDUSTRIES LTD.

DIGITAL VHF/FM TRANSCEIVER, MODEL TDFM-136

Frequency: 174 MHz, Power Rating: \_\_\_\_\_ W, Channel Spacing: 12.5 kHz  
Modulation: FM Data modulation ( 9600 b/s random data source )

Date: Nov. 20 1999  
Tested by: Hung Trinh

CENTER  
174.00000 MHz

ACTV DET: PEAK  
MEAS DET: PEAK QP AVG  
MKR 174.00013 MHz  
39.25 dBm

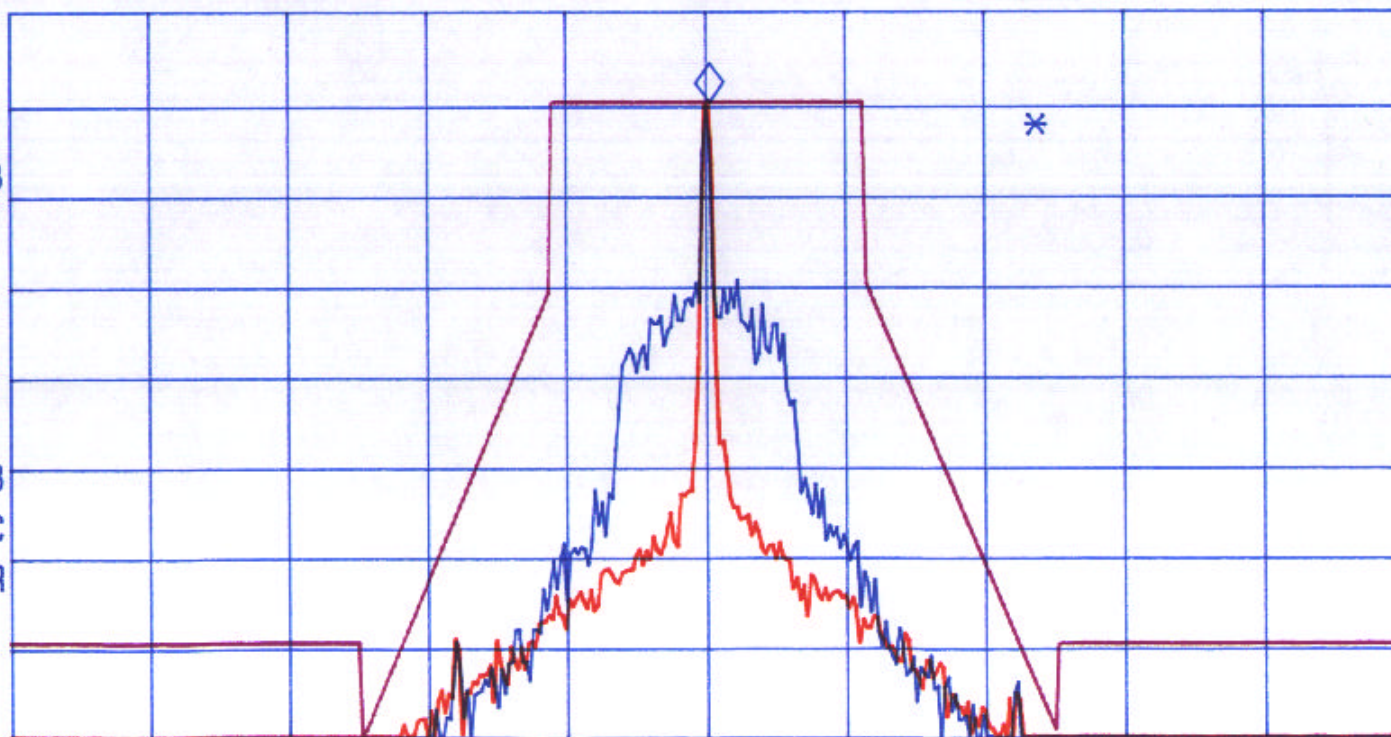
No user  
Menu

LOG REF OFFST 30.0 dB  
10 REF 49.3 dBm

*MASK D*

dB/  
ATN  
30 dB

VA VB  
SC FC  
CORR



CENTER 174.00000 MHz

#IF BW 100 Hz

AVG BW 100 Hz

SPAN 50.00 kHz

SWP 15.0 sec