



**UltraTech**  
Engineering Labs Inc.

# TRANSMITTER'S ANTENNA POWER CONDUCTED EMISSIONS

APPLICANT: TEKLOGIX INC.  
PRODUCT NAME: HANDHELD TERMINAL  
MODEL NO.: 7025

■ CHANNEL FREQ.: 906 MHz  
■ RF OUTPUT POWER: 0.244 Watts  
■ MODULATION: D.S.S.S.

■ TESTED BY: TRIL  
■ DATE: 02/28/94  
■ COMMENTS: NA

(WITH TRX 7310A DSSS MODULE)

SAMPLED DATA @ 4.0K BWP RATE

Mon Feb 28 16:33:53 1994

REF 19.0 dBm  
5dB/

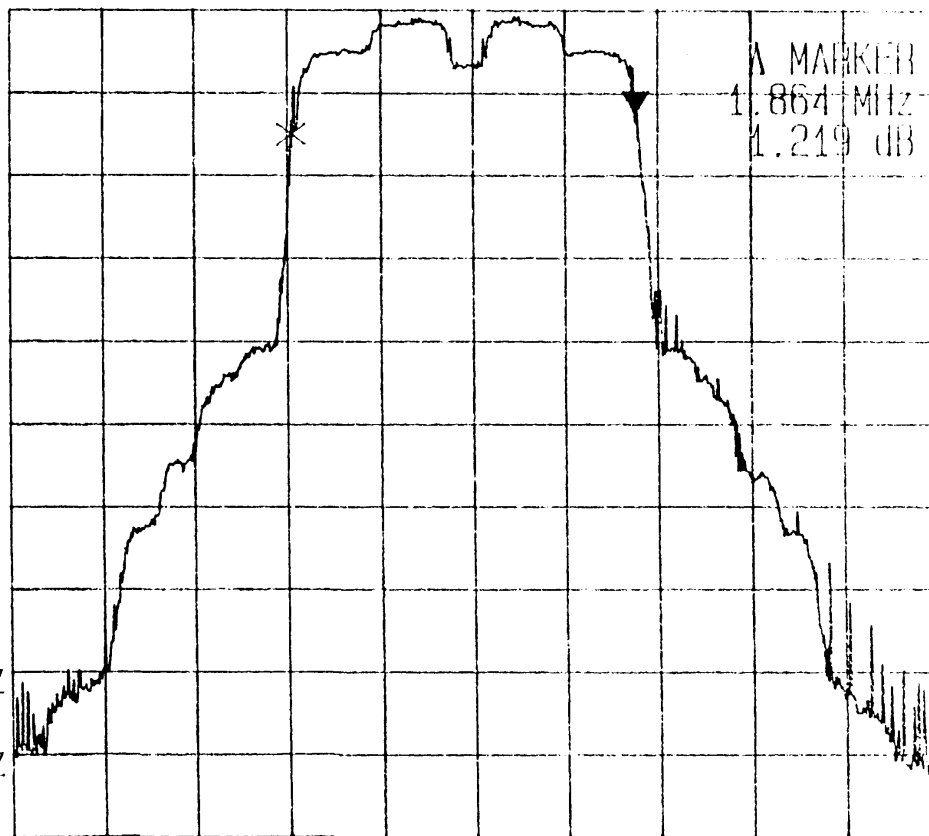
ATT 20 dB

A\_view B\_blank

X dB DOWN  
6.0 dB

REF OFS  
10.5 dB

RBW  
100 kHz  
VBW  
100 kHz  
SWP  
5.0 s



CENTER 906 MHz

SPAN 5.00 MHz



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# TRANSMITTER'S ANTENNA POWER CONDUCTED EMISSIONS

APPLICANT: TEKLOGIX  
PRODUCT NAME: HANDHELD TERMINAL  
MODEL NO.: 7025 (WITH TRX 7310A)

■ CHANNEL FREQ.: 406 MHz  
■ RF OUTPUT POWER: 0.262 Watts  
■ MODULATION: DSSS

■ TESTED BY: TRC  
■ DATE: 03/01/94  
■ COMMENTS: PEAK

(WITH RANDOM DATA @ 11.3 KB/S)

Tue Mar 1 12:37:24 1994

A\_view B\_blank

REF 20.0 dBm  
5dB/

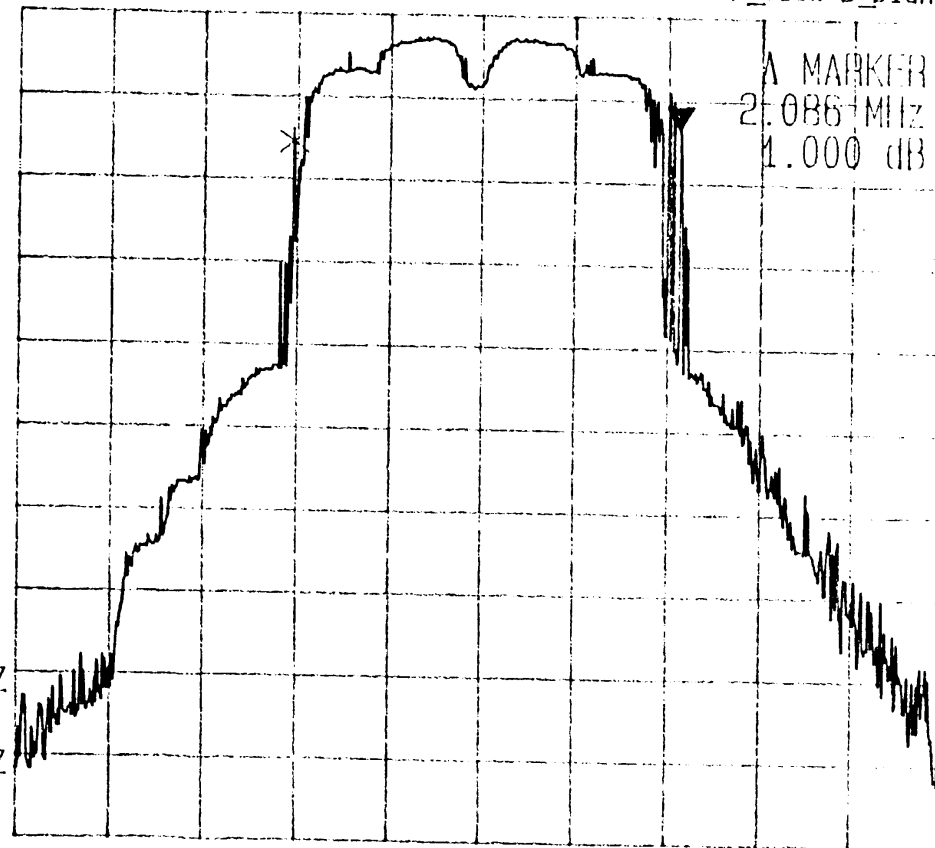
ATT 20 dB

X dB DOWN  
6.0 dB

A MARKER  
2.086 MHz  
1.000 dB

REF OFS  
10.5 dB

RBW  
100 kHz  
VBW  
100 kHz  
SWP  
10 s



CENTER 906.000 MHz

SPAN 5.00 MHz



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# TRANSMITTER'S ANTENNA POWER CONDUCTED EMISSIONS

APPLICANT: TEKLOGIX INC.  
PRODUCT NAME: HANDHELD TERMINAL  
MODEL NO.: 7025 WITH TRX-731CA

■ CHANNEL FREQ.: 906 MHz  
■ RF OUTPUT POWER: 0.242 Watts  
■ MODULATION: DSSS

■ TESTED BY: 77.2  
■ DATE: 03/01/94  
■ COMMENTS: 15410

RANDOM DATA @ 122 KB/S

REF 20.0 dBm  
5dB/

ATT 20 dB

Tue Mar 1 12:40:05 1994

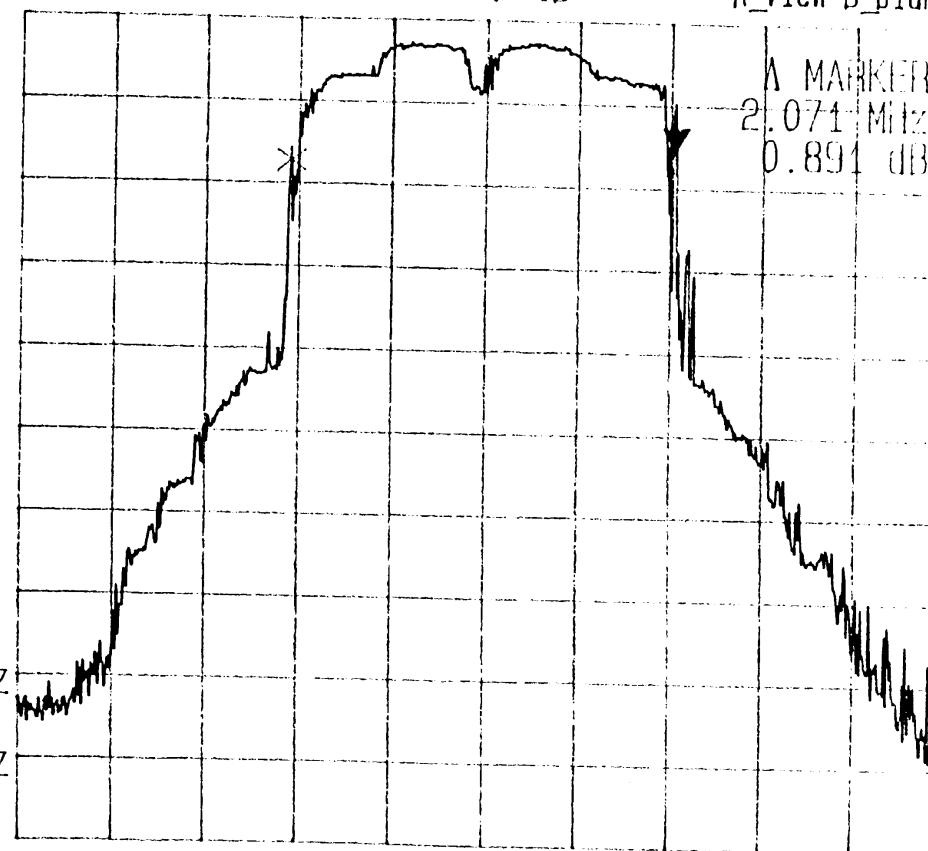
A\_view B\_blank

X dB DOWN  
6.0 dB

1 MARKER  
2.071 MHz  
0.891 dB

REF OFS  
10.5 dB

RBW  
100 kHz  
VBW  
100 kHz  
SWP  
10 s



CENTER 906.000 MHz

SPAN 5.00 MHz



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# TRANSMITTER'S ANTENNA POWER CONDUCTED EMISSIONS

APPLICANT: TEKLOGIX INC.  
PRODUCT NAME: HANDHELD TERMINAL  
MODEL NO.: 7025

■ CHANNEL FREQ.: 915 MHz  
■ RF OUTPUT POWER: 0.229 Watts  
■ MODULATION: D.S.S.S.

■ TESTED BY: TRIL  
■ DATE: 02/28/94  
■ COMMENTS: PEAK

(WITH TRX 7310A DSSS MODULE)

RANDOM DATA @ 1.6K BAUD RATE

Mon Feb 28 16:13:56 1994

REF 20.0 dBm  
5dB/

ATT 20 dB

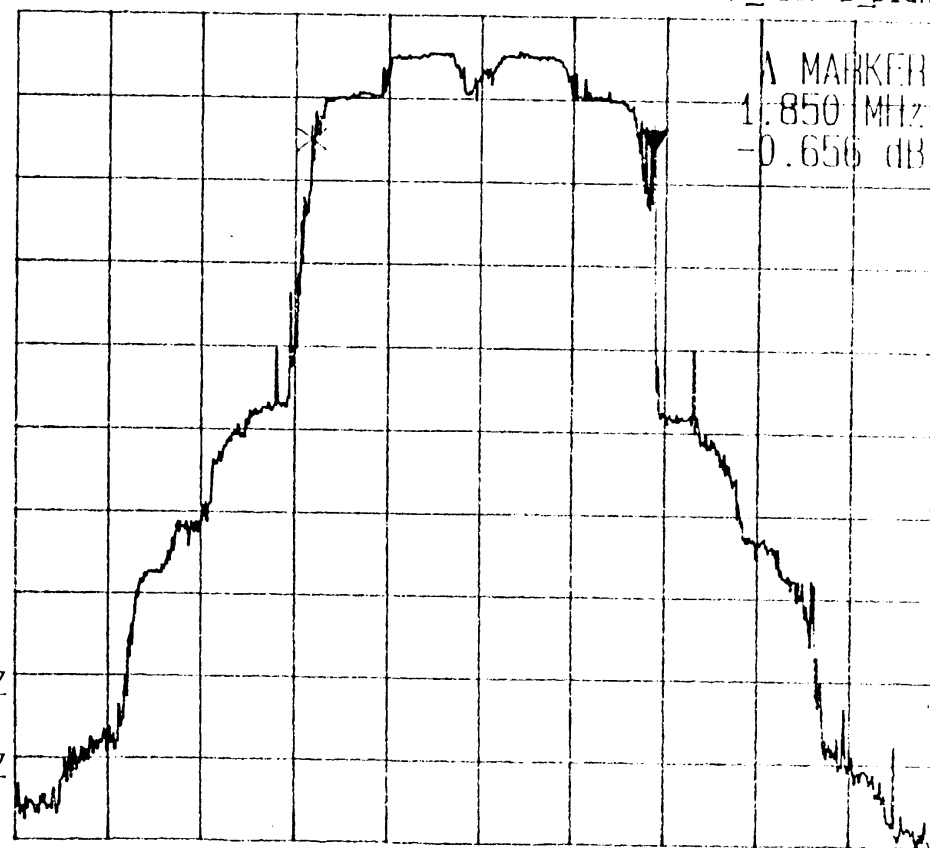
A\_view B\_blank

X dB DOWN  
6.0 dB

A MARKER  
1.850 MHz  
-0.656 dB

REF OFS  
10.5 dB

RBW  
100 kHz  
VBW  
100 kHz  
SWP  
100 s



CENTER 915.000 MHz

SPAN 5.00 MHz



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# TRANSMITTER'S ANTENNA POWER CONDUCTED EMISSIONS

APPLICANT: TEKLOGIX INC.  
PRODUCT NAME: HANDHELD TERMINAL  
MODEL NO.: 7025 WITH TRX-7310A

■ CHANNEL FREQ.: 915 MHz  
■ RF OUTPUT POWER: 0.210 Watts  
■ MODULATION: DSSS

■ TESTED BY: 77L  
■ DATE: 03/01/94  
■ COMMENTS: TEAR

RANDOM DATA @ 19.2 KB/S

Tue Mar 1 12:46:20 1994

ATT 20 dB

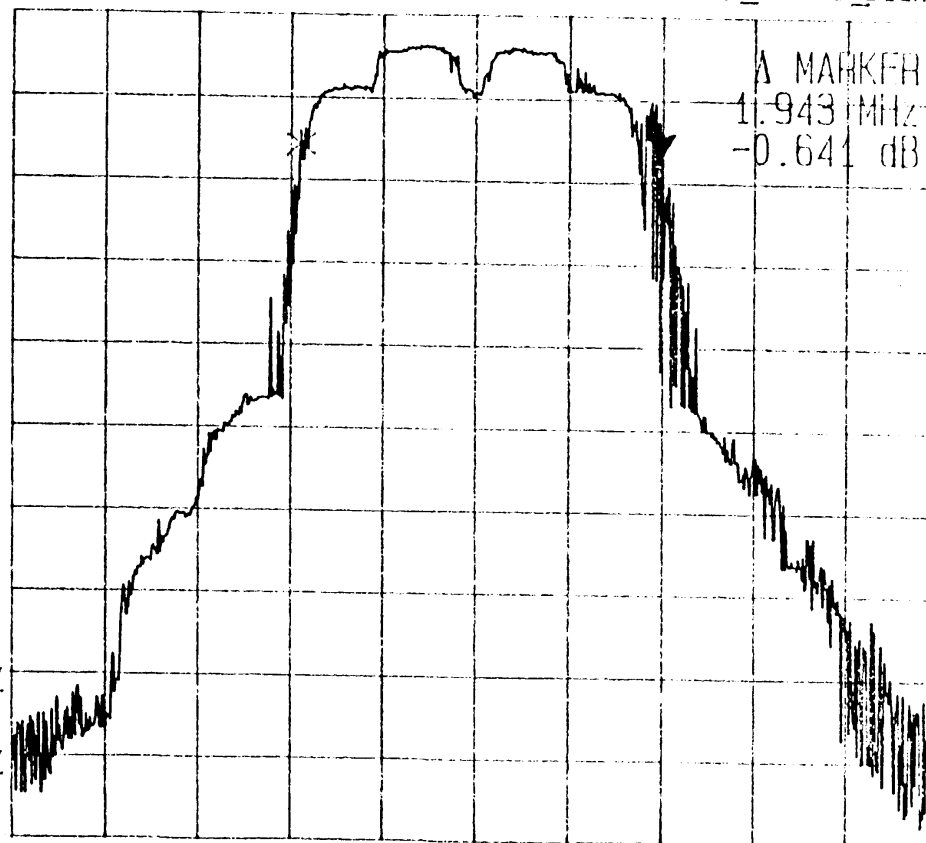
A\_view B\_blank

REF 20.0 dBm  
5dB/

X dB DOWN  
6.0 dB

REF OFS  
10.5 dB

RBW  
100 kHz  
VBW  
100 kHz  
SWP  
10 s



CENTER 915.000 MHz

SPAN 5.00 MHz



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# TRANSMITTER'S ANTENNA POWER CONDUCTED EMISSIONS

APPLICANT: TEKLOGIX INC.  
PRODUCT NAME: HANDHELD TERMINAL  
MODEL NO.: TC25 WITH TRX-7310A

■ CHANNEL FREQ: 915 MHz  
■ RF OUTPUT POWER: 0.210 Watts  
■ MODULATION: DSSS

■ TESTED BY: 77/L  
■ DATE: 03/01/94  
■ COMMENTS: PEAK

REF 20.0 dBm  
5dB/

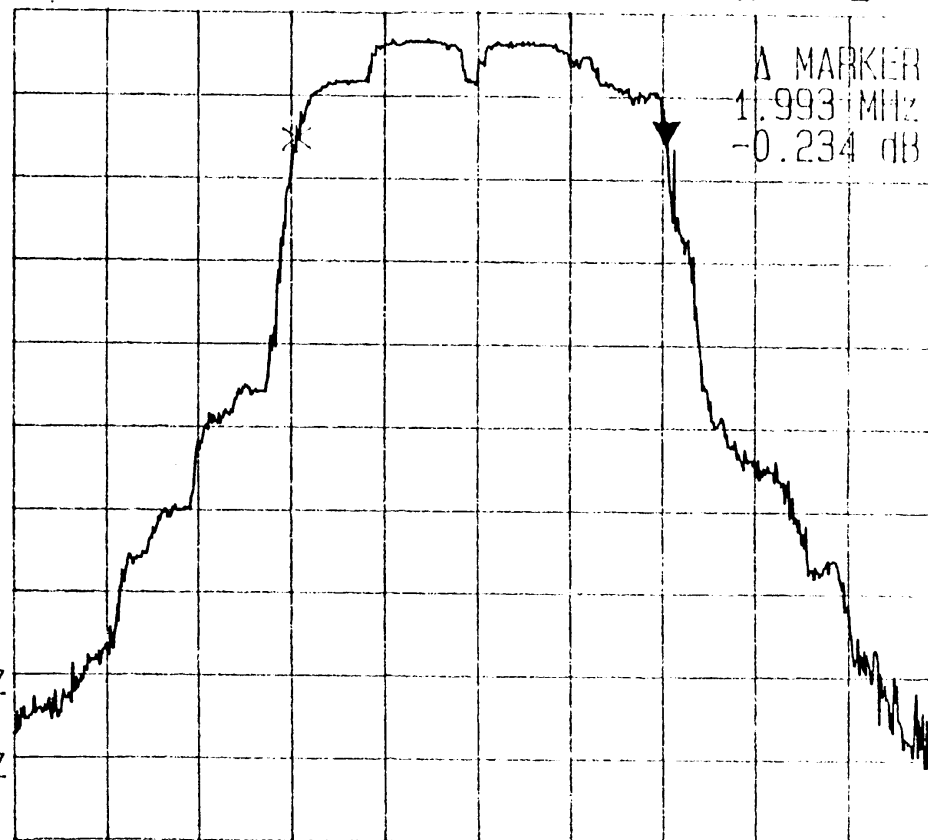
X dB DOWN  
6.0 dB

REF OFS  
10.5 dB

RBW  
100 kHz  
VBW  
100 kHz  
SWP  
10 s

CENTER 915.000 MHz

SPAN 5.00 MHz



ATT 20 dB



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# TRANSMITTER'S ANTENNA POWER CONDUCTED EMISSIONS

APPLICANT: TEKLOGIX INC.  
PRODUCT NAME: HANDHELD TERMINAL  
MODEL NO.: 7035

■ CHANNEL FREQ.: 924 MHz  
■ RF OUTPUT POWER: 0.159 Watts  
■ MODULATION: D.S.S.S.

■ TESTED BY: TRIL  
■ DATE: 02/28/94  
■ COMMENTS: PEAK

(WITH TRX 7310A DSSS MODULE)

RANDOM DATA @ 4.6K BAUD RATE

Mon Feb 28 16:37:22 1994

REF 19.0 dBm  
5dB/

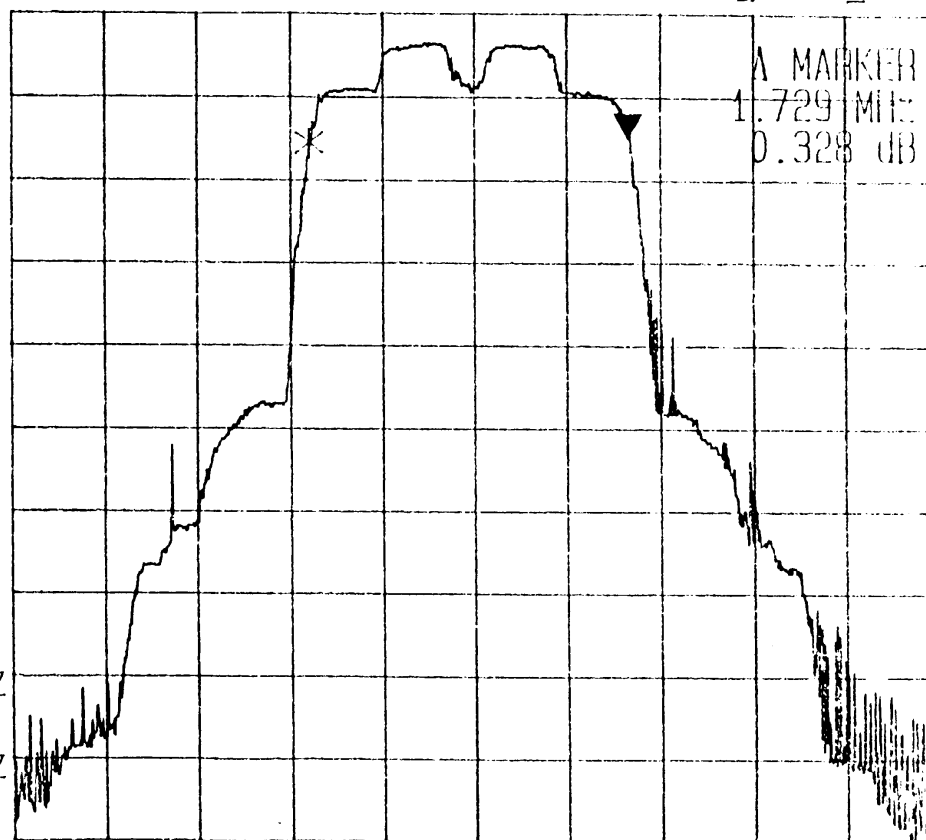
ATT 20 dB

A\_view B\_blank

X dB DOWN  
6.0 dB

REF OFS  
10.5 dB

RBW  
100 kHz  
VBW  
100 kHz  
SWP  
10 s



CENTER 924.000 MHz

SPAN 5.00 MHz



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# TRANSMITTER'S ANTENNA POWER CONDUCTED EMISSIONS

APPLICANT: TEKLOGIX INC.  
PRODUCT NAME: HANDHELD TERMINAL  
MODEL NO.: 7025 WITH TRX-7310A

■ CHANNEL FREQ.: 924 MHz  
■ RF OUTPUT POWER: 0.172 Watts  
■ MODULATION: DSSS

■ TESTED BY: 771  
■ DATE: 03/01/94  
■ COMMENTS: 1E41C

RANDOM DATA @ 19.2 KB/S

Tue Mar 1 14:04:32 1994

A\_view B\_blank

REF 20.0 dBm  
5dB/

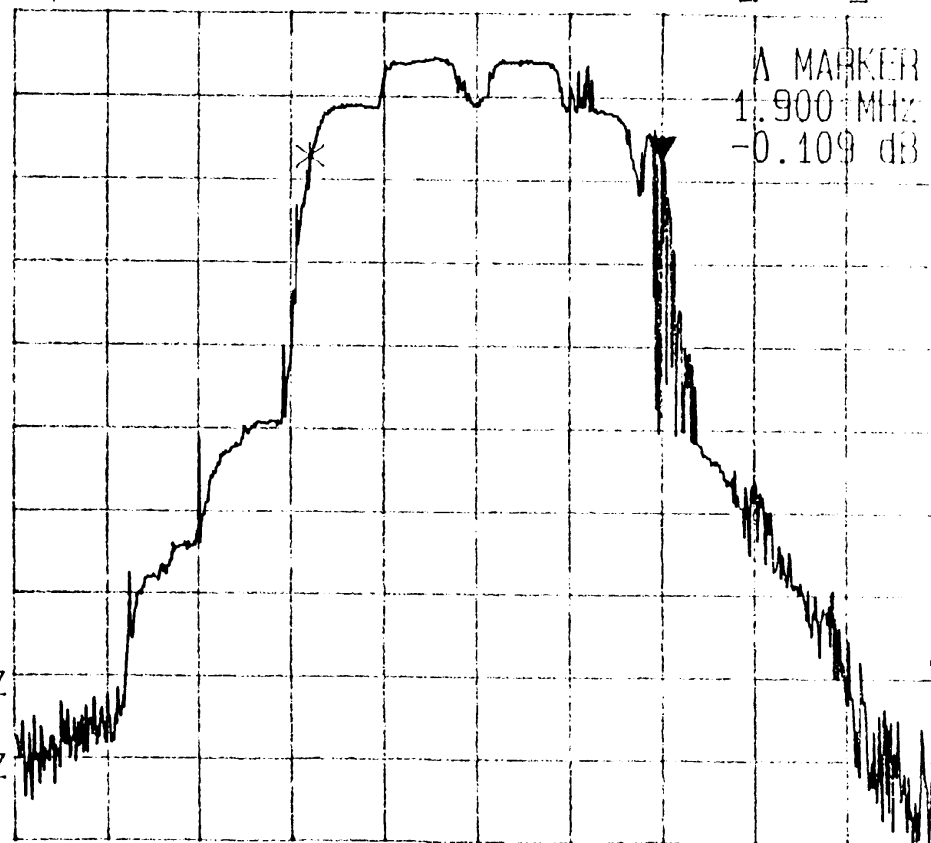
ATT 20 dB

X dB DOWN  
6.0 dB

A MARKER  
1.900 MHz  
-0.109 dB

REF OFS  
10.5 dB

RBW  
100 kHz  
VBW  
100 kHz  
SWP  
20 s



CENTER 924.000 MHz

SPAN 5.00 MHz



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# TRANSMITTER'S ANTENNA POWER CONDUCTED EMISSIONS

APPLICANT: TEKLOGIX INC.  
PRODUCT NAME: HANDHELD TERMINAL  
MODEL NO.: 7025 WITH TRX-7310A

■ CHANNEL FREQ: 924 MHz  
■ RF OUTPUT POWER: 0.164 Watts  
■ MODULATION: DSSS

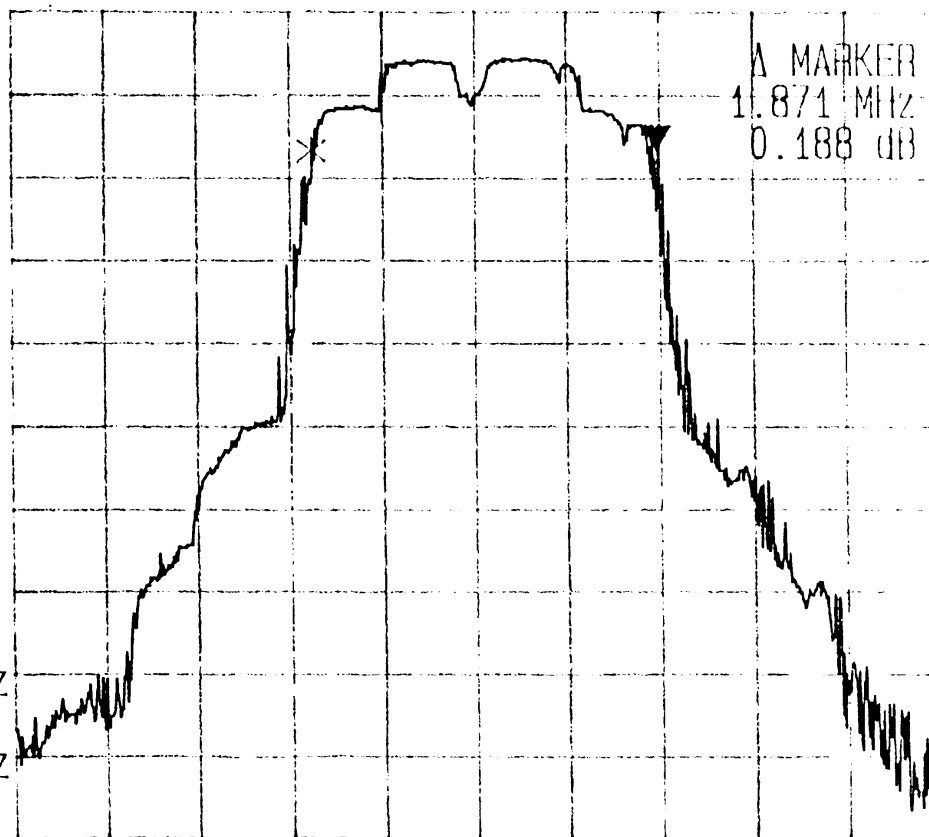
■ TESTED BY: 77.L  
■ DATE: 03/01/94  
■ COMMENTS: PEAK

REF 20.0 dBm  
5dB/

X dB DOWN  
6.0 dB

REF OFS  
10.5 dB

RBW  
100 kHz  
VBW  
100 kHz  
SWP  
20 s



CENTER 924.000 MHz

SPAN 5.00 MHz