

Date: June 5, 2000
Tested by: Hung Trinh

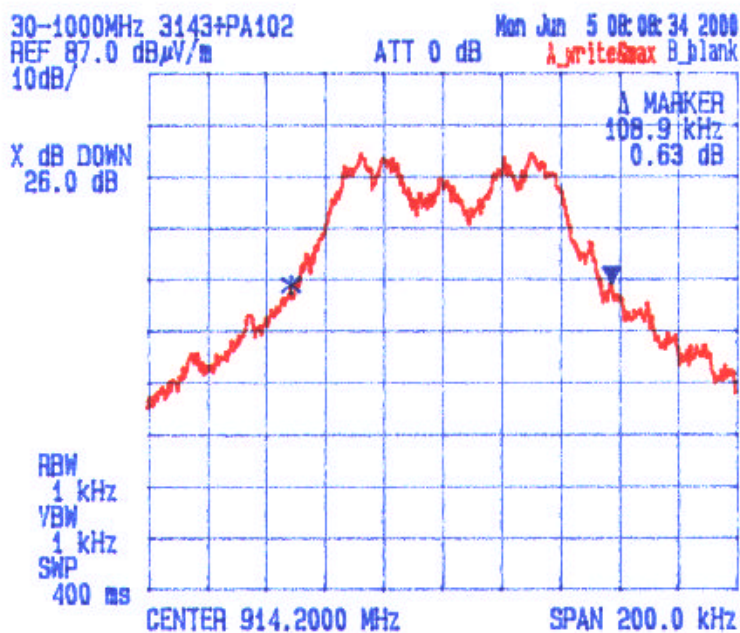
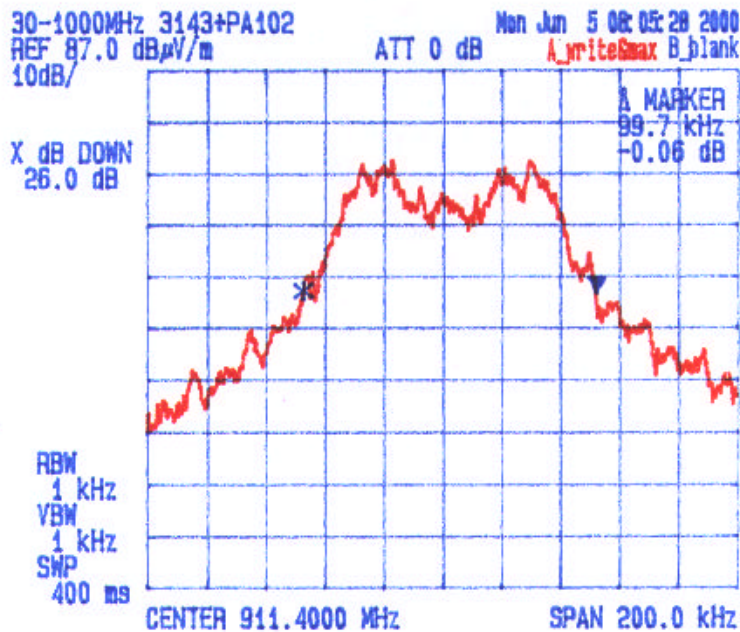
IVI CHECKMATE INC.

Elite 770 Short Range Point of Sales Terminal, (902 - 928 MHz)

Channel: _____, Tx frequency: _____ MHz, Band: 9

26 dB Bandwidth

HANDHELD



Date: June 5, 2000
 Tested by: Hung Trinh

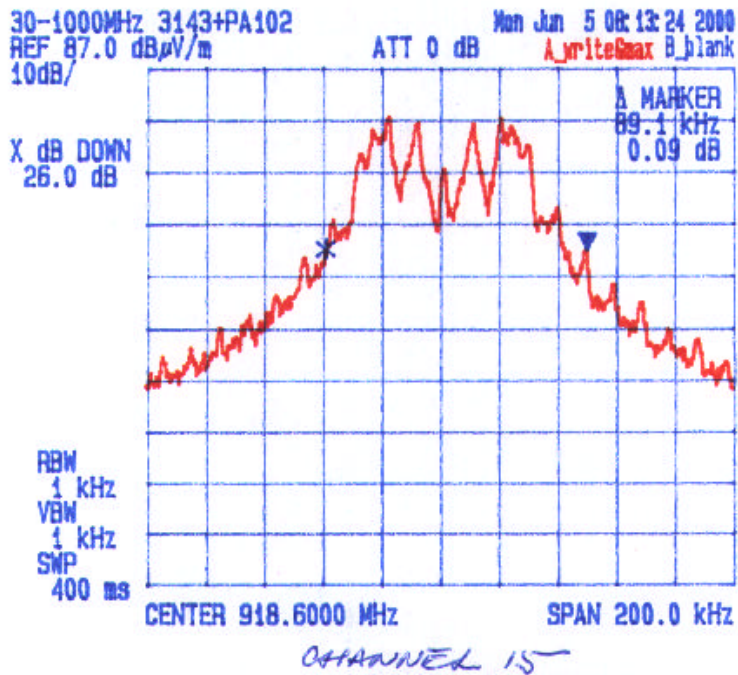
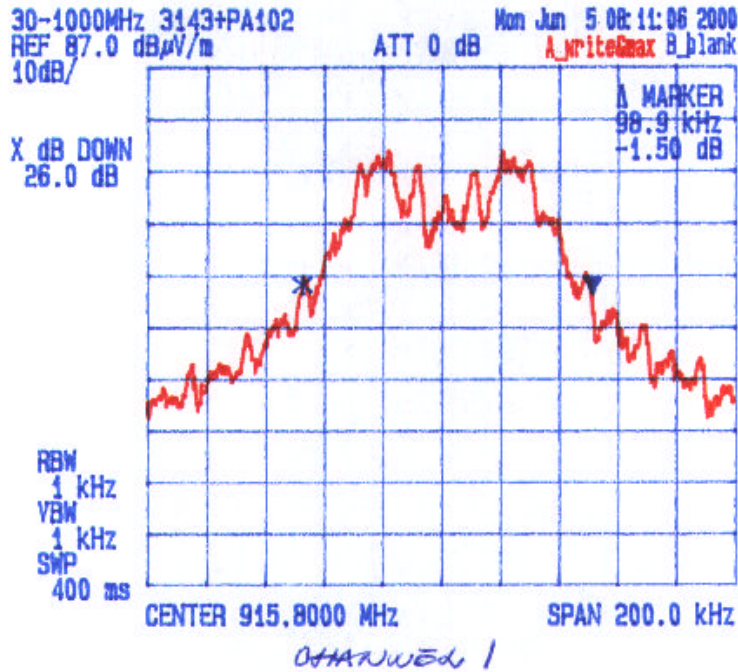
IVI CHECKMATE INC.

Elite 770 Short Range Point of Sales Terminal, (902 - 928 MHz)

Channel: _____, Tx frequency: _____ MHz, Band: 4

26 dB Bandwidth

HANDHELD





UltraTech

Engineering Labs Inc.



16:43:03 JUN 05, 2000

ULTRATECH LABS

HANDHELD

Radiated Emissions Measurements @ 3 Meters

IVI CHECKMATE INC.

Elite 770 Short Range Point of Sales Terminal, (902 - 928 MHz)

Channel: 1, Tx frequency: 911.4 MHz, Band: 3

Date: June 5, 2000

Tested by: Hung Trinh

SPAN
40.00 MHz

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 911.60 MHz
90.50 dB μ V/m

Last Hrd
Key Menu

SPAN

LOG REF 95.0 dB μ V/m

10
dB/
ATN
30 dB

PREAMP ON

Aux Conn
Control

VA SB
SC FC
ACORR

CENTER 915.00 MHz

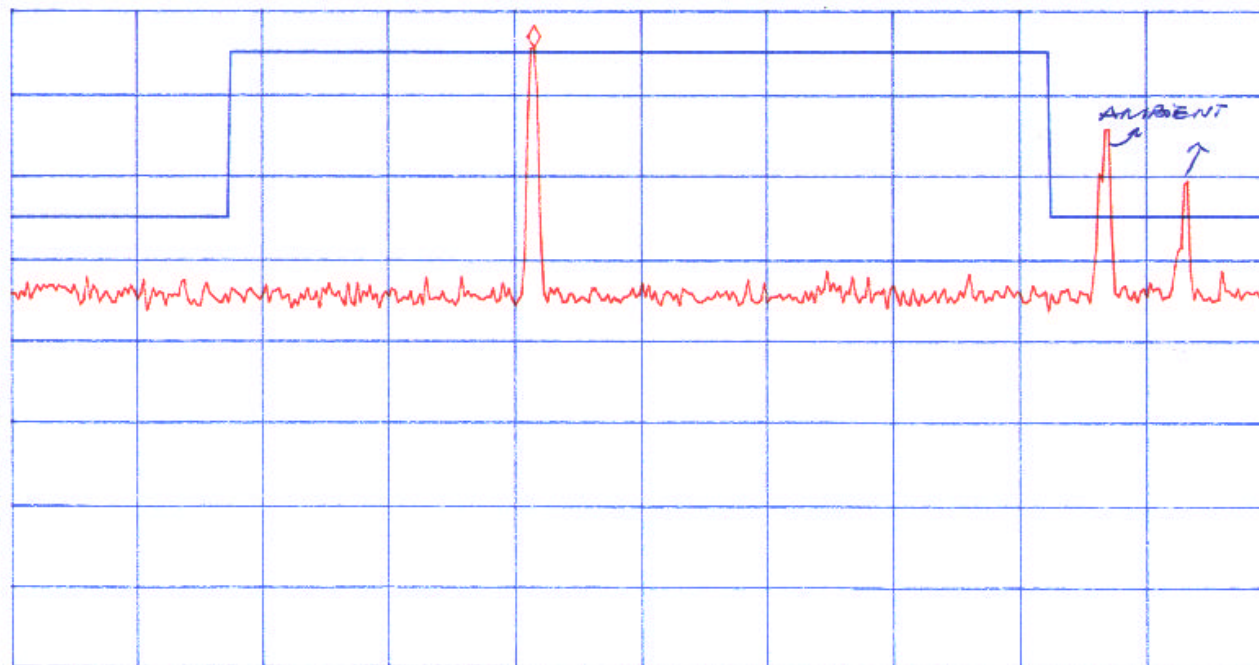
IF BW 120 kHz

AVG BW 300 kHz

SPAN 40.00 MHz

SWP 37.5 msec

VERTICAL





UltraTech
Engineering Labs Inc.

IVI CHECKMATE INC.

Elite 770 Short Range Point of Sales Terminal, (902 – 928 MHz)

Channel: 1, Tx frequency: 911.4 MHz, Band: 3

Date: June 5, 2000

Tested by: Hung Trinh



16:49:20 JUN 05, 2000

HANDHELD

ULTRATECH LABS Radiated Emissions Measurements @ 3 Meters

SPAN
40.00 MHz

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 911.50 MHz
89.40 dB μ V/m

Last Hrd
Key Menu

SPAN

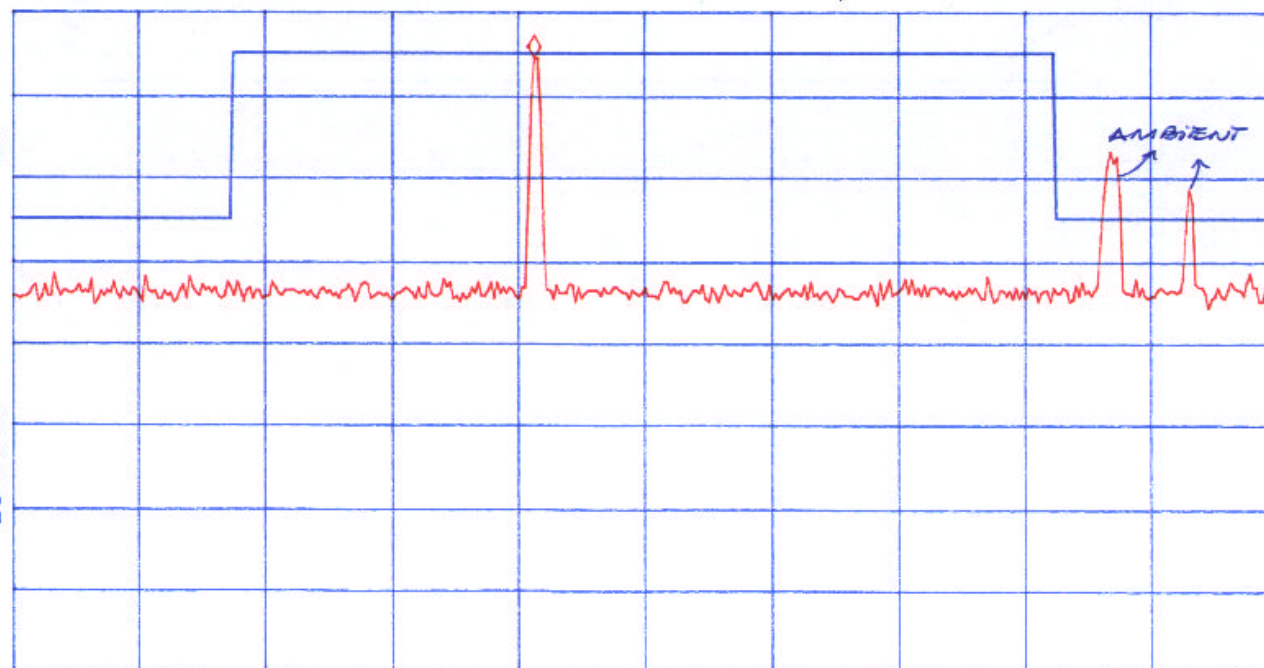
Aux Conn
Control

LOG REF 95.0 dB μ V/m

PREAMP ON

10
dB/
ATN
30 dB

VA SB
SC FC
ACORR



CENTER 915.00 MHz

IF BW 120 kHz

AVG BW 300 kHz

SPAN 40.00 MHz

SWP 37.5 msec

HORIZONTAL



UltraTech

Engineering Labs Inc.



16:32:57 JUN 05, 2000

ULTRATECH LABS SH OPTS 514-11817

IVI CHECKMATE INC.

Elite 770 Short Range Point of Sales Terminal, (902 - 928 MHz)

Channel: 15, Tx frequency: 914.2 MHz, Band: 3

Date: June 5, 2000

Tested by: Hung Trinh

Radiated Emissions Measurements @ 3 Meters

SPAN
40.00 MHz

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 914.30 MHz
90.98 dB μ V/m

Last Hrd
Key Menu

SPAN

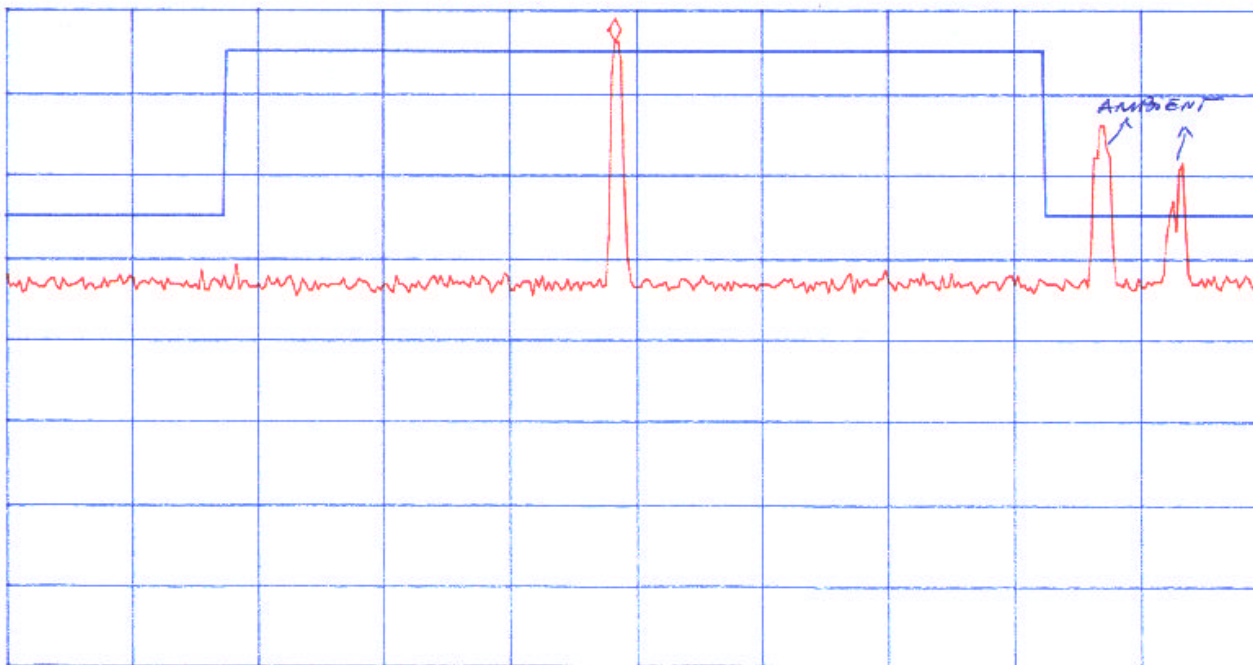
Aux Conn
Control

LOG REF 95.0 dB μ V/m

PREAMP ON

10
dB/
ATN
30 dB

VA SB
SC FC
ACORR



CENTER 915.00 MHz

IF BW 120 kHz

AVG BW 300 kHz

SPAN 40.00 MHz

SWP 37.5 msec

VERTICAL



UltraTech
Engineering Labs Inc.

IVI CHECKMATE INC.

Elite 770 Short Range Point of Sales Terminal, (902 – 928 MHz)
Channel: 15, Tx frequency: 914.2 MHz, Band: 3

Date: June 5, 2000
Tested by: Hung Trinh



16:26:54 JUN 05 2000

HANDHELD

ULTRATECH LABS

Radiated Emissions Measurements @ 3 Meters

ADRS / OPERATION

ACTV DET: PEAK

MEAS DET: PEAK QP AVG

MKR 914.40 MHz

90.07 dB μ V/m

Last Hrd
Key Menu

SPAN

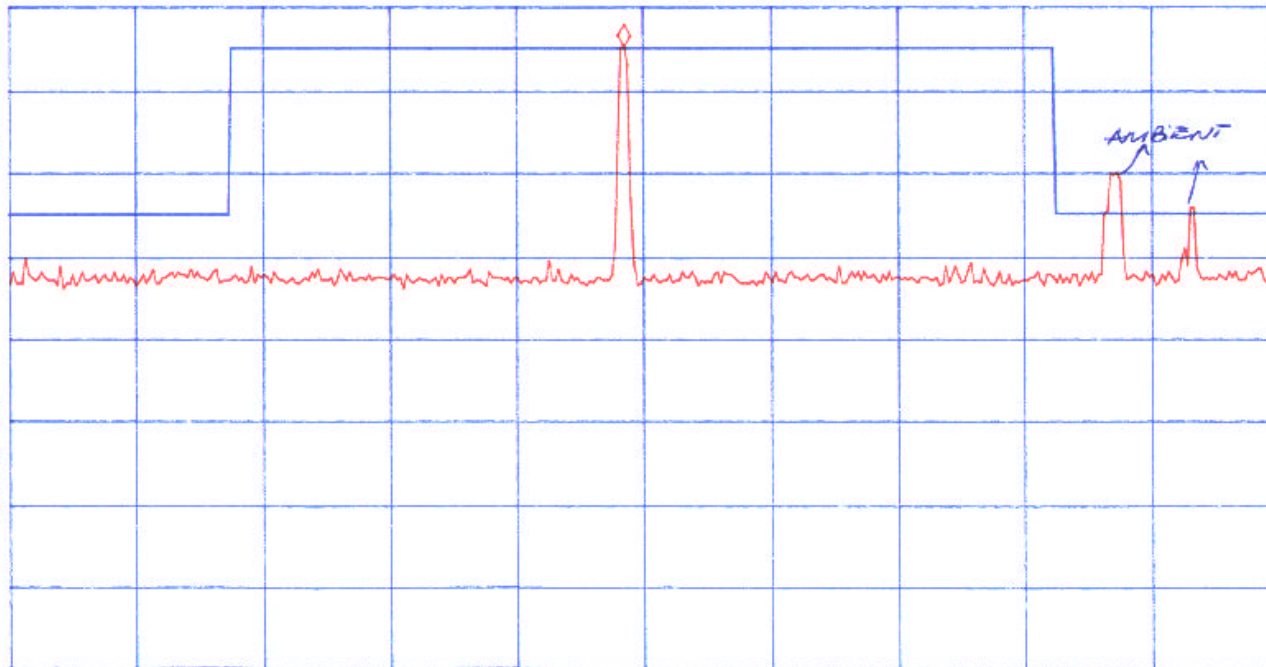
Aux Conn
Control

LOG REF 95.0 dB μ V/m

PREAMP ON

10
dB/
ATN
30 dB

MA SB
SC FC
ACORR



CENTER 915.00 MHz

IF BW 120 kHz

AVG BW 300 kHz

SPAN 40.00 MHz

SWP 37.5 msec

HORIZONTAL



UltraTech
Engineering Labs Inc.

IVI CHECKMATE INC.

Elite 770 Short Range Point of Sales Terminal, (902 - 928 MHz)

Channel: 1, Tx frequency: 915.8 MHz, Band: 4

Date: June 5, 2000

Tested by: Hung Trinh



17:09:53 JUN 05 2000

HANDHELD

ULTRATECH LABS SN 015 3142 #1347

Radiated Emissions Measurements @ 3 Meters

SPAN
40.00 MHz

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 916.00 MHz
90.00 dB μ V/m

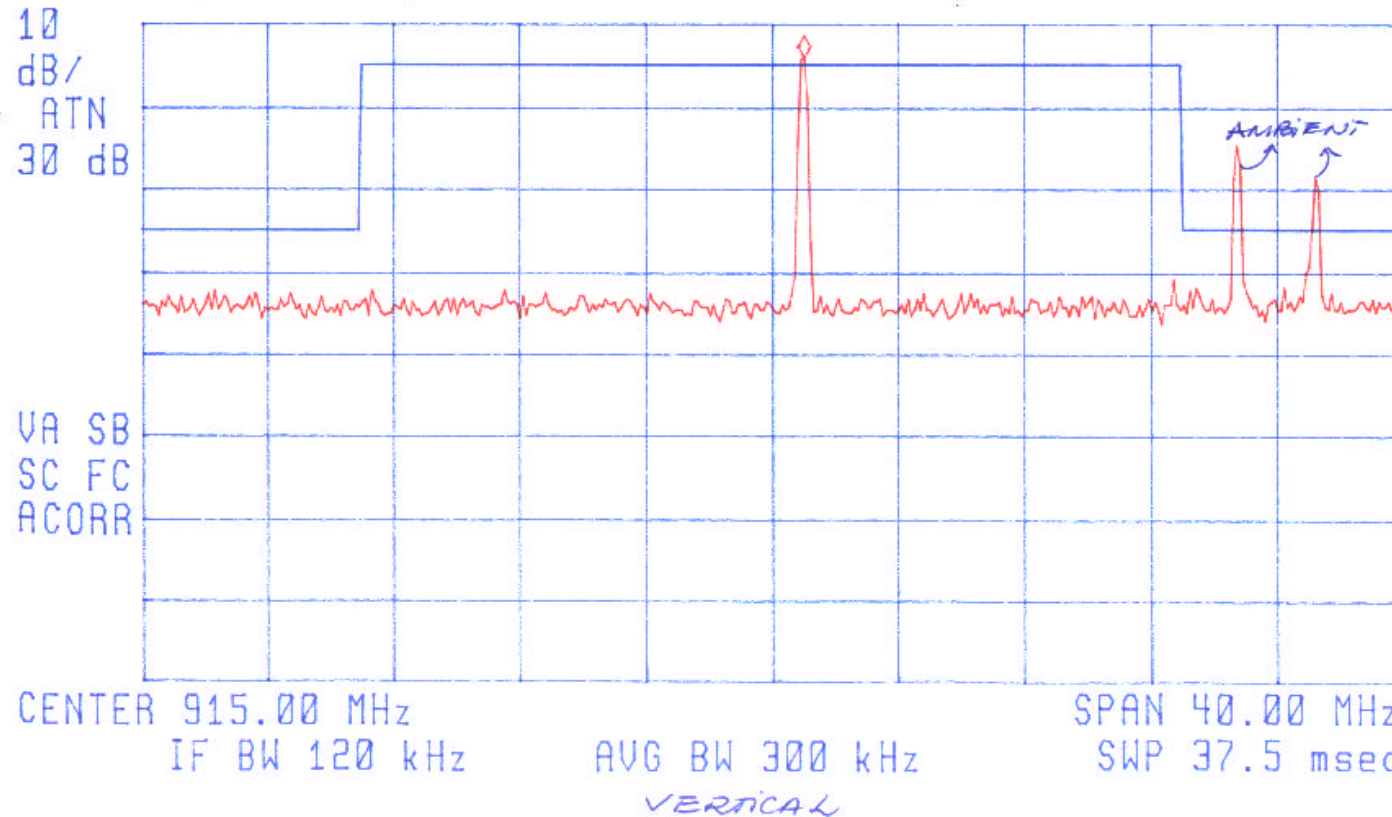
Last Hrd
Key Menu

SPAN

LOG REF 95.0 dB μ V/m

PREAMP ON

Aux Conn
Control





UltraTech

Engineering Labs Inc.



16:55:23 JUN 05, 2000

ULTRATECH LABS SH OF TS SITE #1517

IVI CHECKMATE INC.

Elite 770 Short Range Point of Sales Terminal, (902 - 928 MHz)

Channel: 1, Tx frequency: 915.8 MHz, Band: 4

Date: June 5, 2000

Tested by: Hung Trinh

Radiated Emissions Measurements @ 3 Meters

SPAN

40.00 MHz

ACTV DET: PEAK

MEAS DET: PEAK QP AVG

MKR 915.90 MHz

89.48 dB μ V/m

Last Hrd
Key Menu

SPAN

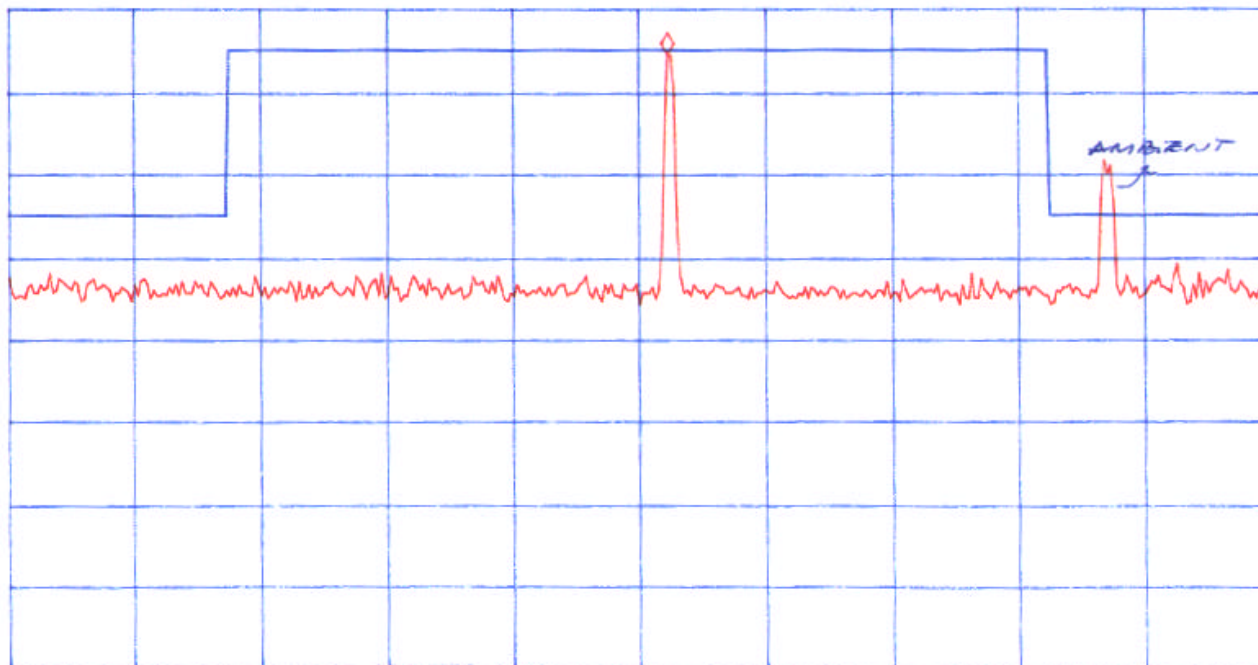
Aux Conn
Control

LOG REF 95.0 dB μ V/m

PREAMP ON

10
dB/
ATN
30 dB

VA SB
SC FC
ACORR



CENTER 915.00 MHz

IF BW 120 kHz

AVG BW 300 kHz

SPAN 40.00 MHz

SWP 37.5 msec



UltraTech

Engineering Labs Inc.



17:15:27 JUN 05 2000

ULTRATECH LABS SH OTTS DLE #1917

IVI CHECKMATE INC.

Elite 770 Short Range Point of Sales Terminal, (902 - 928 MHz)

Channel: 15, Tx frequency: 918.6 MHz, Band: 4

HANDHELD

Radiated Emissions Measurements @ 3 Meters

Date: June 5, 2000

Tested by: Hung Trinh

SPAN
40.00 MHz

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 918.80 MHz
91.64 dB μ V/m

Last Hrd
Key Menu

SPAN

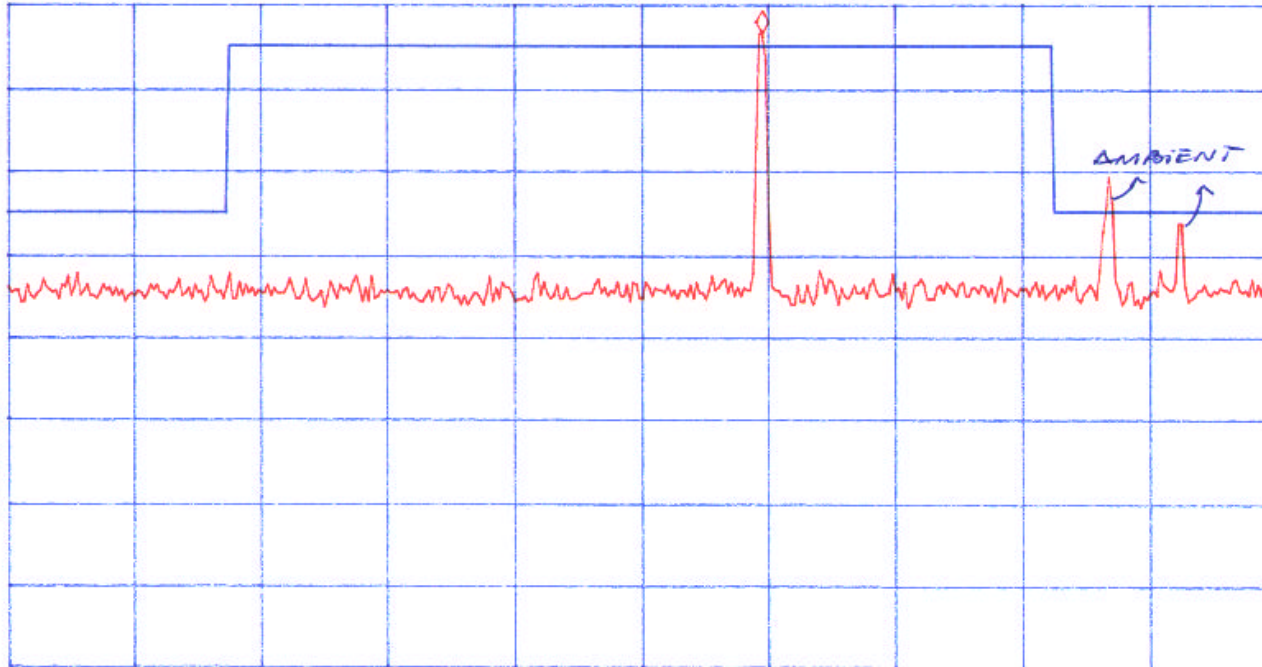
LOG REF 95.0 dB μ V/m

10
dB/
ATN
30 dB

PREAMP ON

Aux Conn
Control

VA SB
SC FC
ACORR



CENTER 915.00 MHz

IF BW 120 kHz

AUG BW 300 kHz

SPAN 40.00 MHz

SWP 37.5 msec

VERTICAL



UltraTech
Engineering Labs Inc.

IVI CHECKMATE INC.

Elite 770 Short Range Point of Sales Terminal, (902 – 928 MHz)

Channel: 15, Tx frequency: 918.6 MHz, Band: 4

Date: June 5, 2000

Tested by: Hung Trinh



17:20:53 JUN 05 2000

HANDHELD

Radiated Emissions Measurements @ 3 Meters

SPAN
40.00 MHz

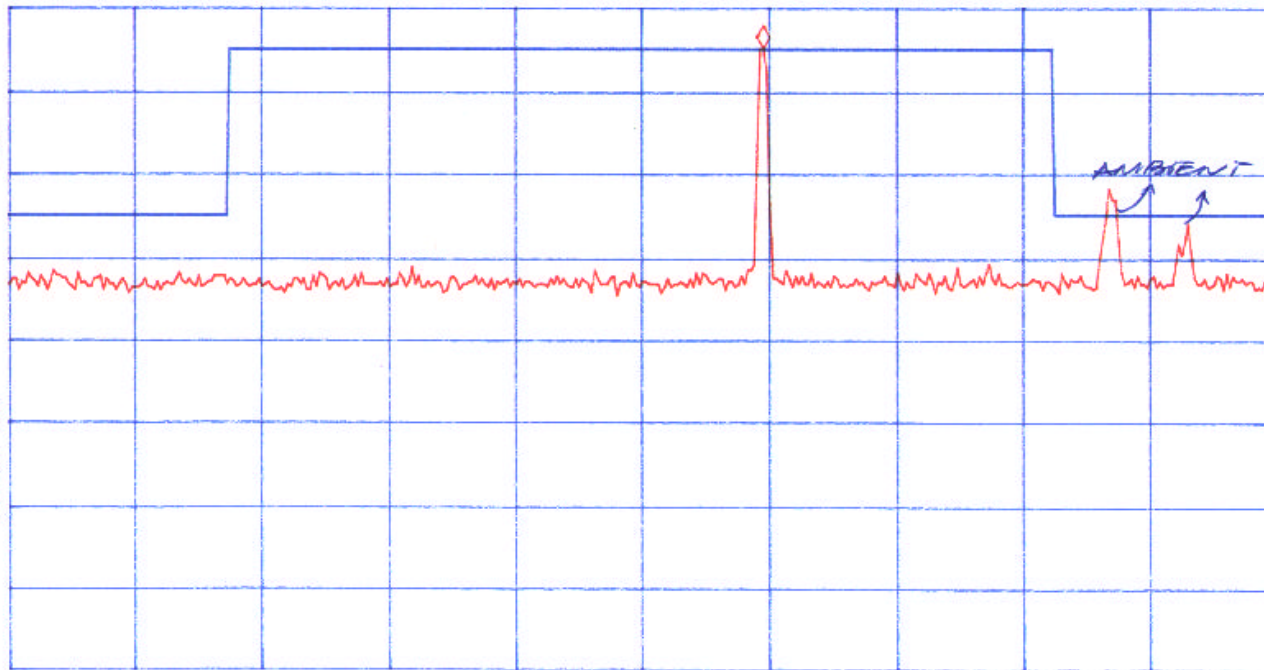
ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 918.80 MHz
90.12 dB μ V/m

LOG REF 95.0 dB μ V/m

PREAMP ON

10
dB/
ATN
30 dB

MA SB
SC FC
ACORR



CENTER 915.00 MHz

IF BW 120 kHz

AVG BW 300 kHz

SPAN 40.00 MHz

SWP 37.5 msec

HUNG TRINH