

EXHIBIT D – TEST DATA PLOTS



ICOM AMERICA INC.  
UHF TRANSCEIVER, MODEL: IC-F21  
Channel: 1, Tx Frequency: 440.0500 MHz, Output Power: 3 W  
Mod: FM Modulation with 2.5 kHz Sine Wave signal, Freq. Dev.: 2.5 kHz  
99% OBW, 12.5 kHz Channel Spacing

Date: Feb. 14, 2001  
Tested by: Hung Trinh

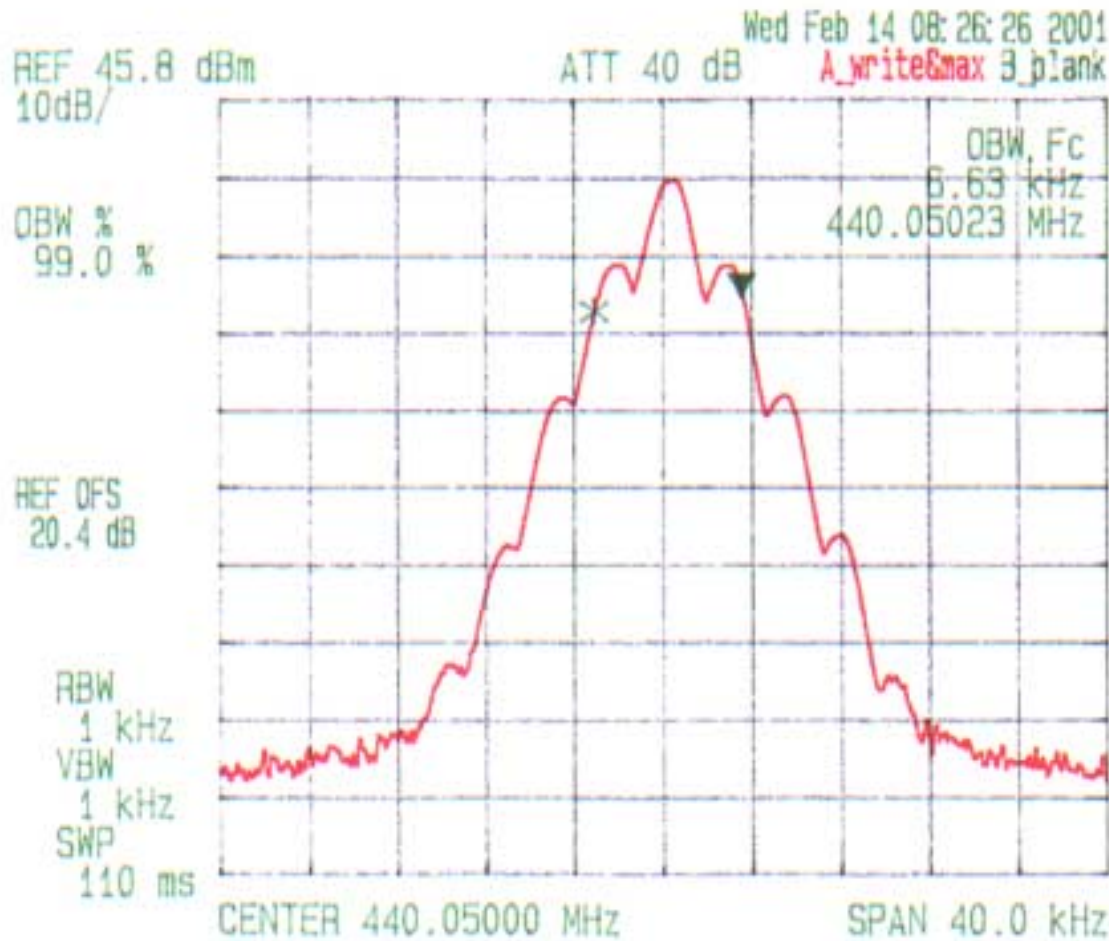


EXHIBIT D – TEST DATA PLOTS



ICOM AMERICA INC.  
UHF TRANSCEIVER, MODEL: IC-F21  
Channel: 1, Tx Frequency: 455.05 MHz, Output Power: 10 W  
Mod: FM Modulation with 2.5 kHz Sine Wave signal, Freq. Dev.: 2.5 kHz  
99% OBW, 12.5 kHz Channel Spacing

Date: Feb. 14, 2001  
Tested by: Hung Trinh

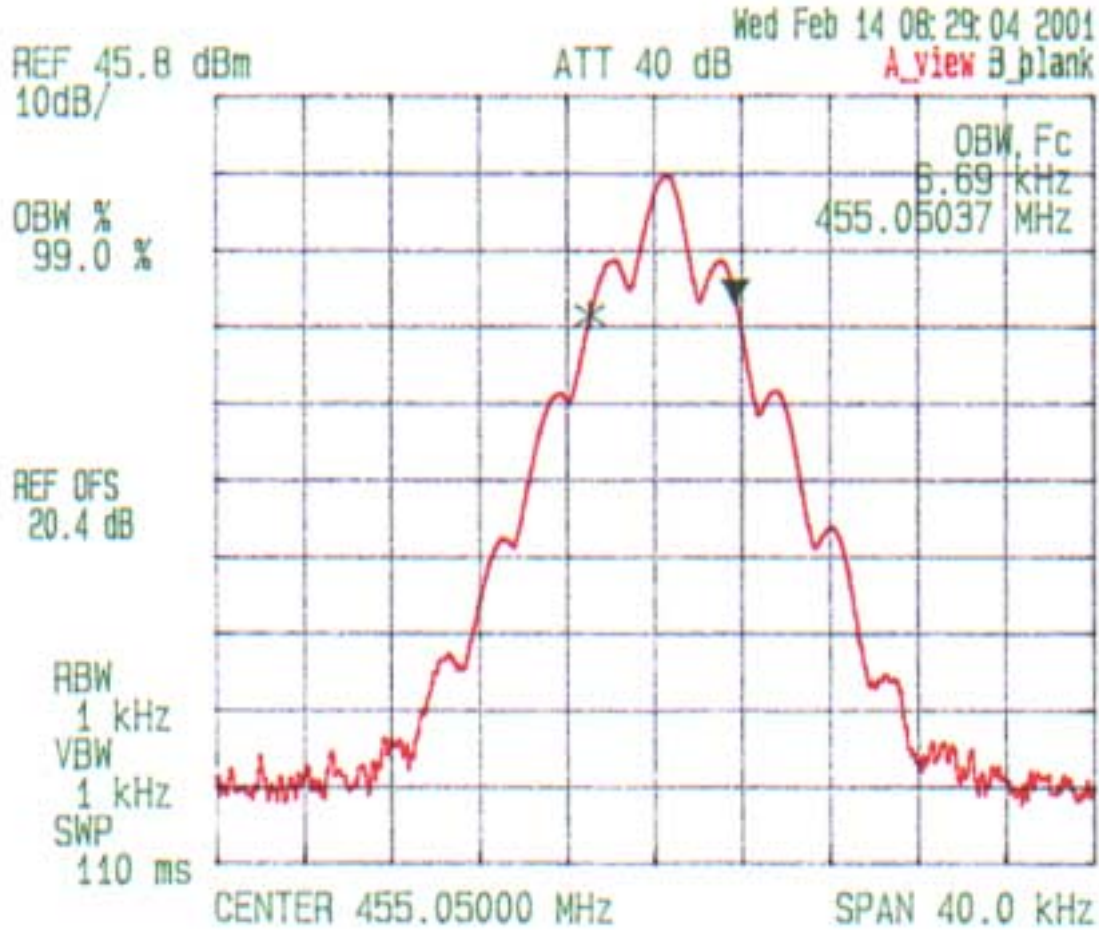


EXHIBIT D – TEST DATA PLOTS



ICOM AMERICA INC.  
UHF TRANSCEIVER, MODEL: IC-F21  
Channel: 6, Tx Frequency: 469.95 MHz, Output Power: 4.1 W  
Mod.: FM Modulation with 2.5 kHz Sine Wave signal, Freq. Dev.: 2.5 kHz  
99% OBW, 12.5 kHz Channel Spacing

Date: Feb. 14, 2001  
Tested by: Hung Trinh

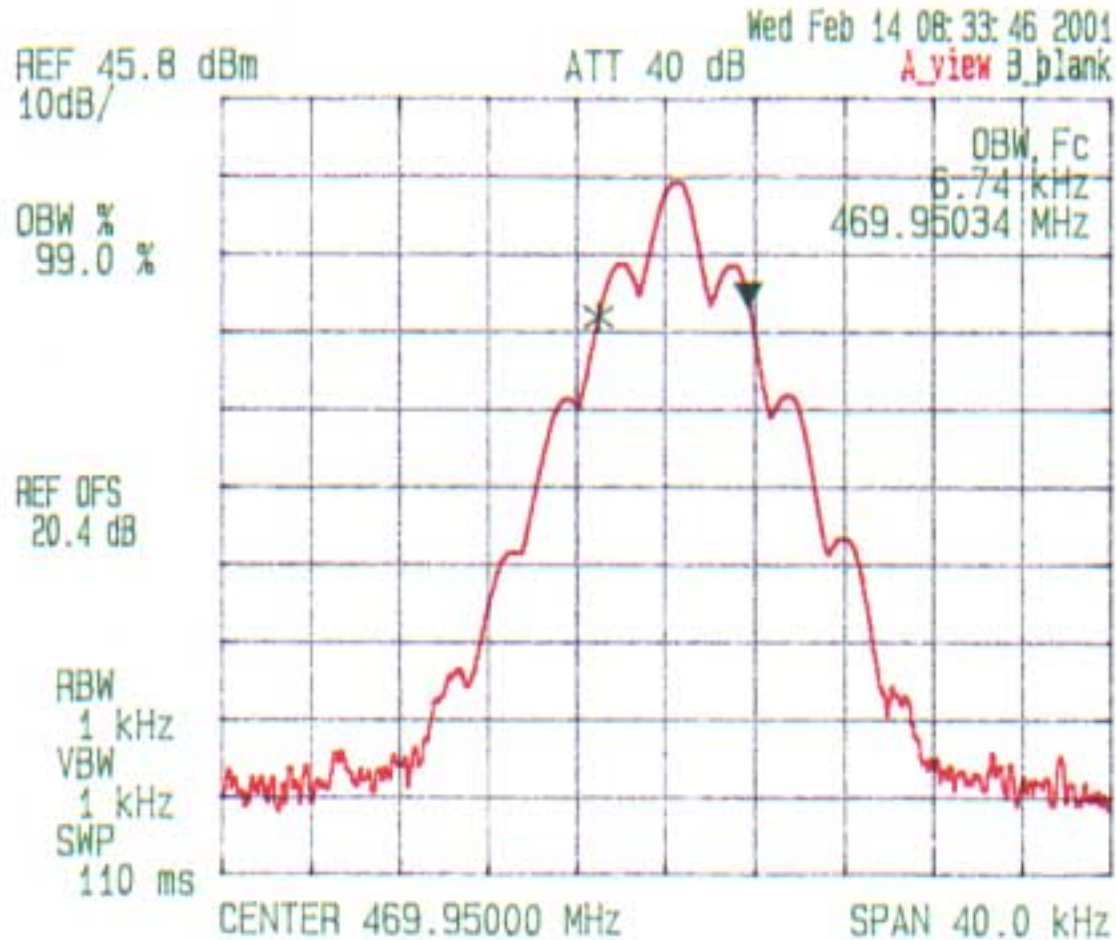


EXHIBIT D – TEST DATA PLOTS



ICOM AMERICA INC.  
UHF TRANSCEIVER, MODEL: IC-F21  
Channel: 1, Tx Frequency: 440.05 MHz, Output Power: 4.3 W  
Mod.: FM Modulation with 2.5 kHz Sine Wave signal, Freq. Dev.: 4.9 kHz  
99% OBW, 25 kHz Channel Spacing

Date: Feb. 14, 2001  
Tested by: Hung Trinh

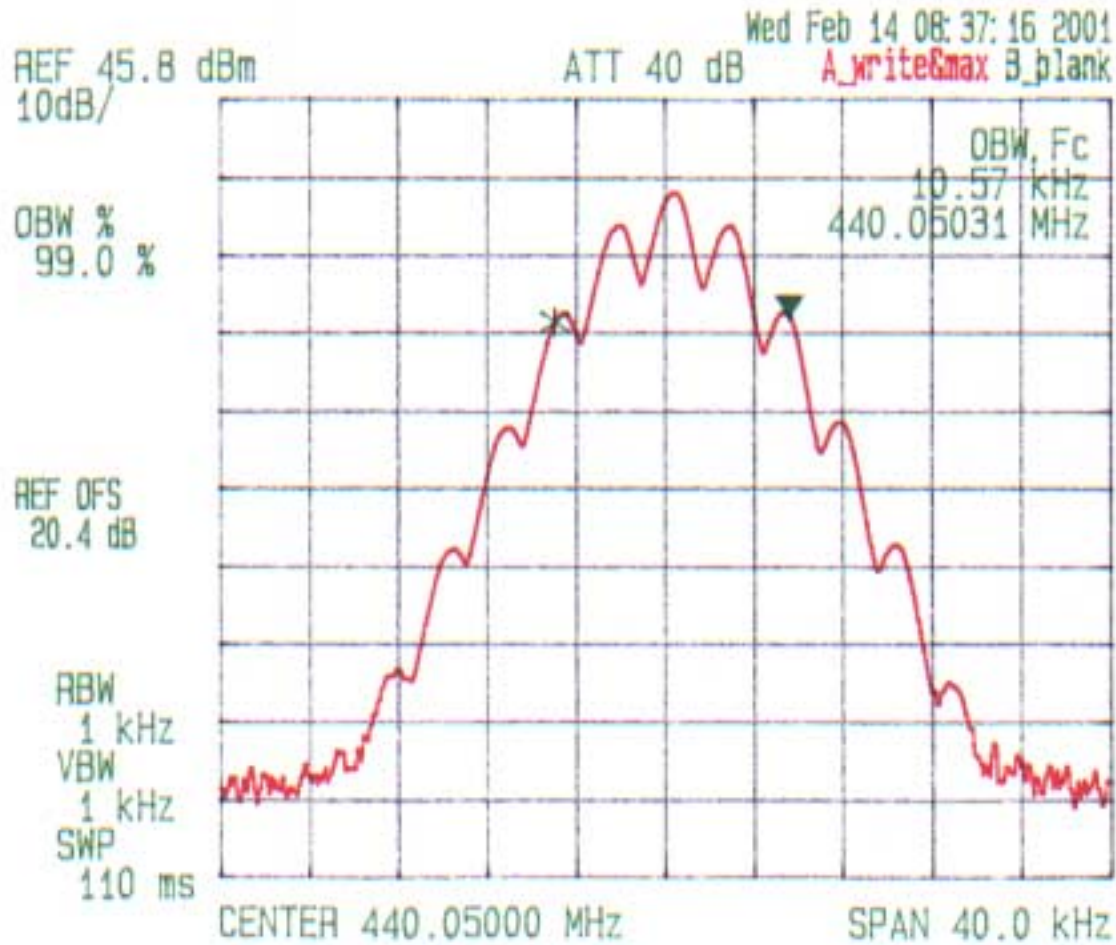


EXHIBIT D – TEST DATA PLOTS

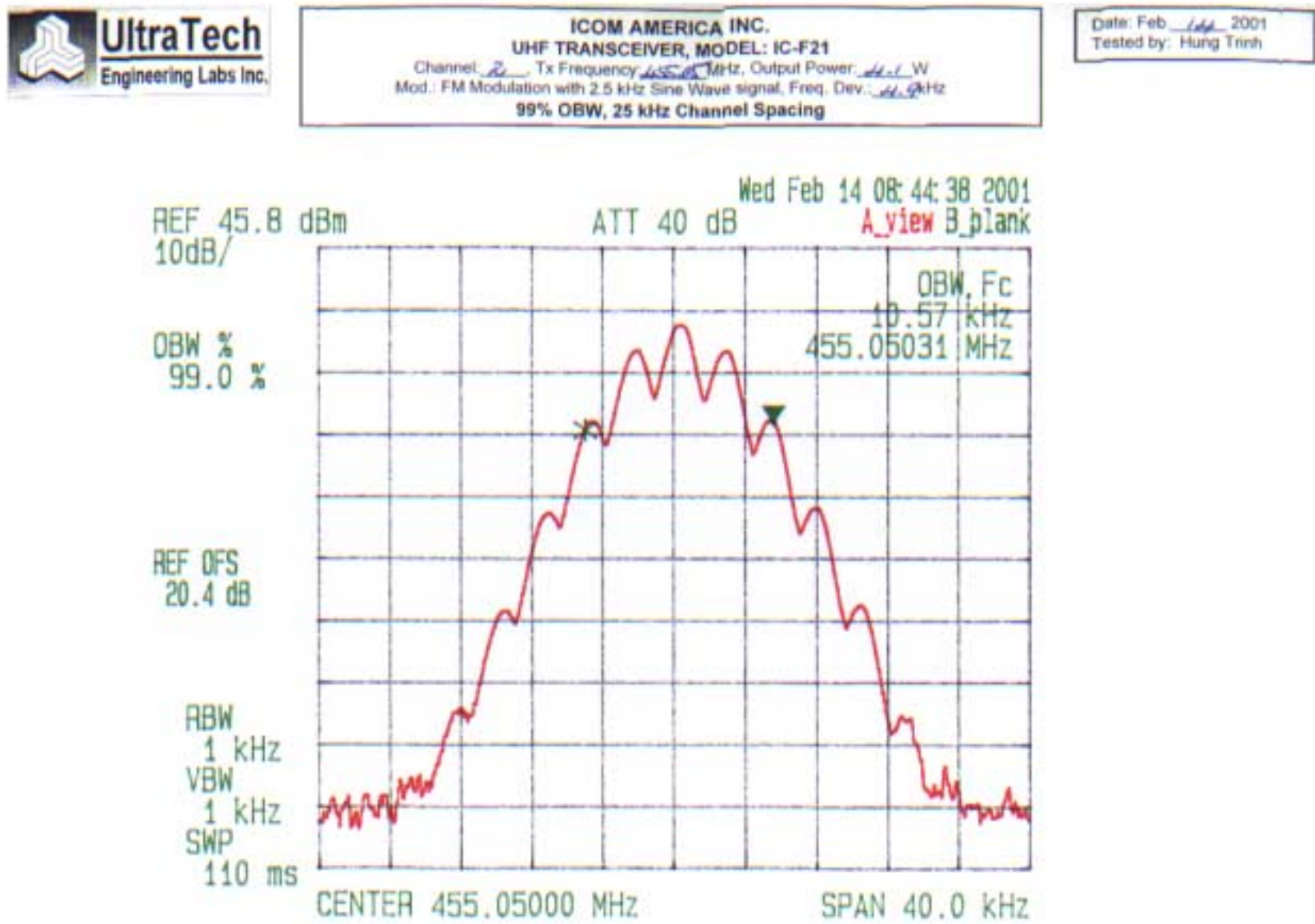


EXHIBIT D – TEST DATA PLOTS



ICOM AMERICA INC.  
UHF TRANSCEIVER, MODEL: IC-F21  
Channel: 3 Tx Frequency: 469.950 MHz, Output Power: 26.1 W  
Mod: FM Modulation with 2.5 kHz Sine Wave signal, Freq. Dev: 4.7 kHz  
99% OBW, 25 kHz Channel Spacing

Date: Feb 14 2001  
Tested by: Hung Trinh

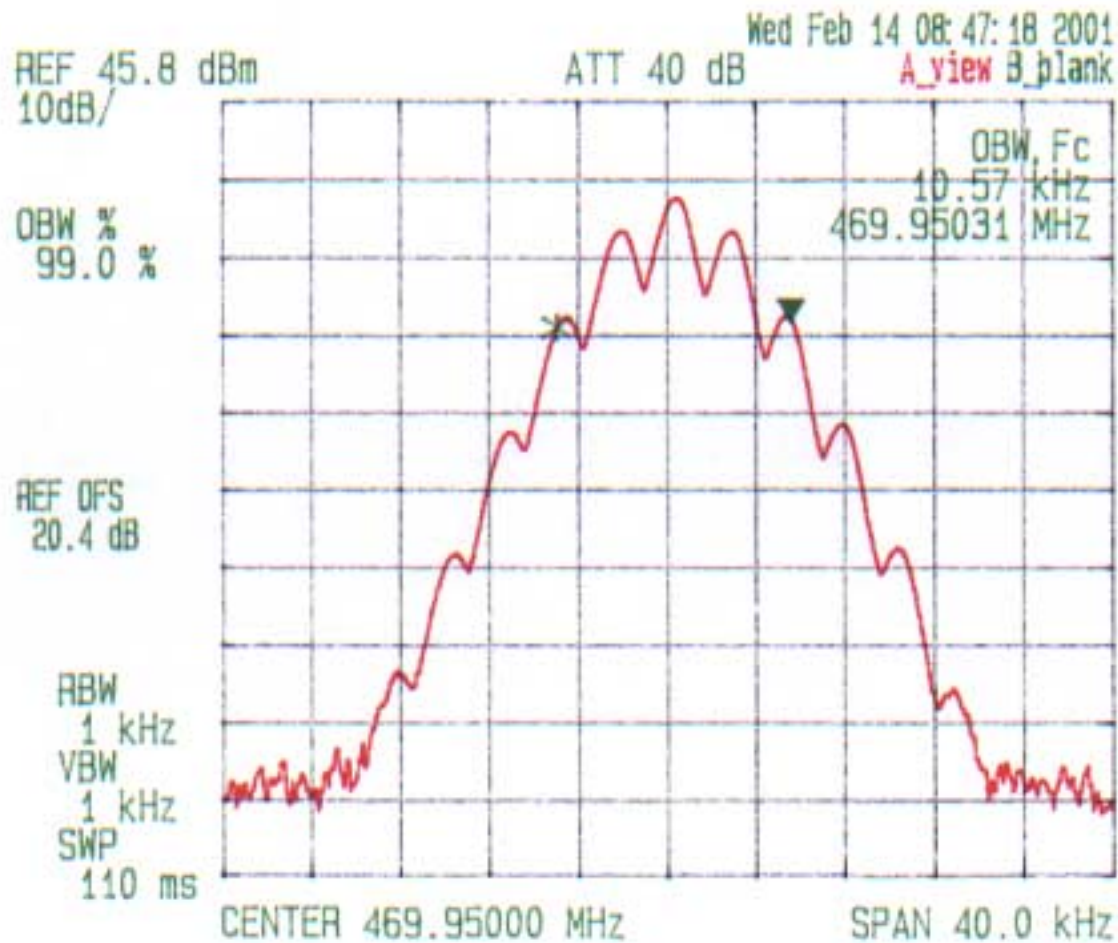
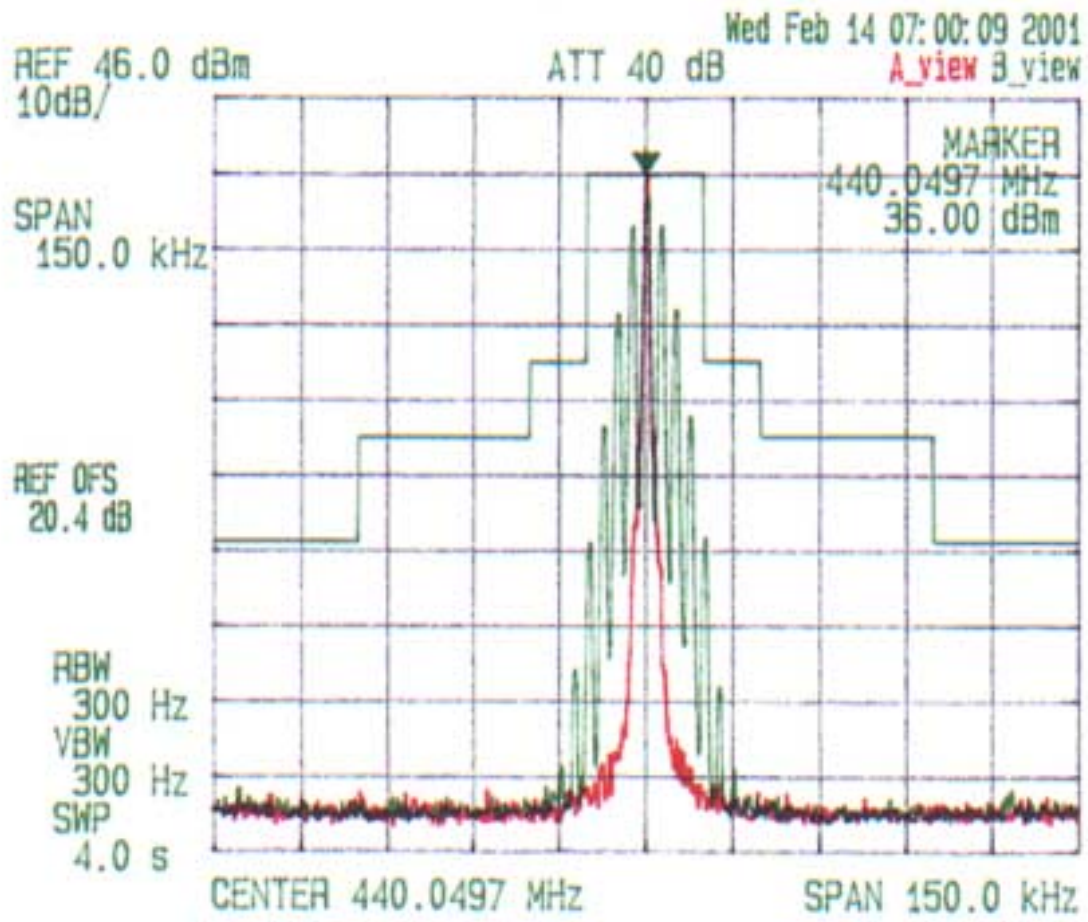


EXHIBIT D – TEST DATA PLOTS



ICOM AMERICA INC.  
UHF TRANSCEIVER, MODEL: IC-F21  
Channel: 1 Tx Frequency: 440.0497 MHz, Output Power: 4.5 W  
Mod: FM Modulation with 2.5 kHz Sine Wave signal, Freq. Dev: 4.5 kHz  
EMISSION MASK B

Date: Feb 14, 2001  
Tested by: Hung Trinh



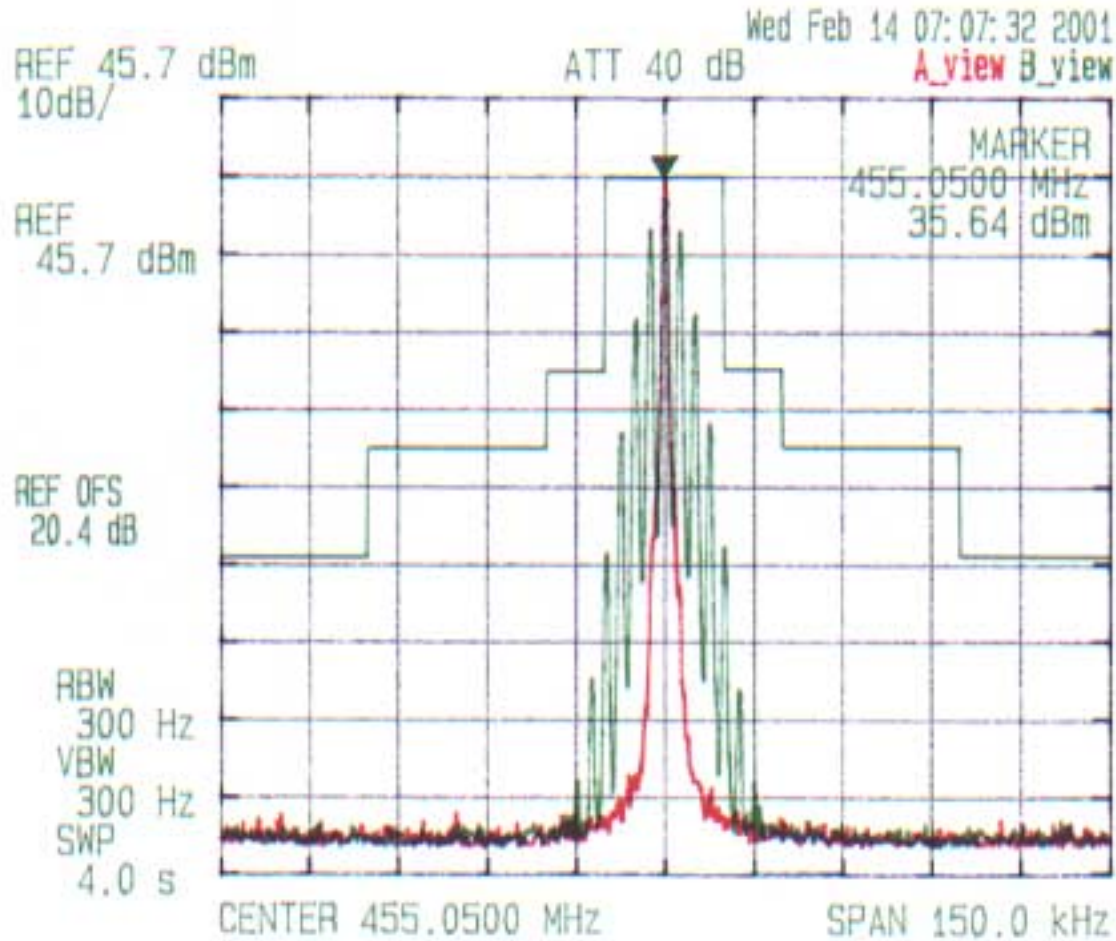
EMISSION MASK B  
FCC ID: AFJIC-F21

EXHIBIT D – TEST DATA PLOTS



ICOM AMERICA INC.  
UHF TRANSCEIVER, MODEL: IC-F21  
Channel 3, Tx Frequency: 455.050 MHz, Output Power: 40.1 W  
Mod.: FM Modulation with 2.5 kHz Sine Wave signal, Freq. Dev.: 4.5 kHz  
EMISSION MASK B

Date: Feb. 14, 2001  
Tested by: Hung Trinh



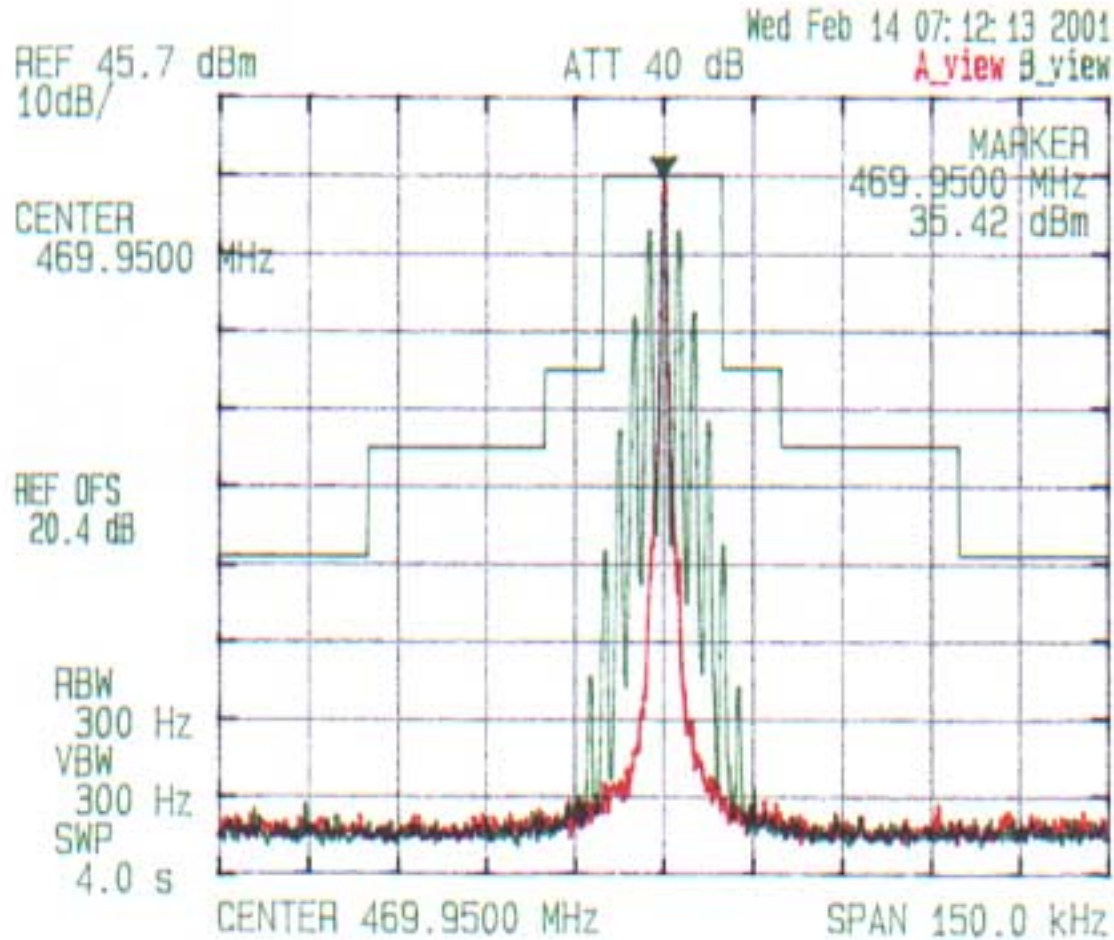
EMISSION MASK B  
FCC ID: AFJIC-F21

EXHIBIT D – TEST DATA PLOTS



ICOM AMERICA INC.  
UHF TRANSCEIVER, MODEL: IC-F21  
Channel 3, Tx Frequency 469.950 MHz, Output Power: 44.1 W  
Mod.: FM Modulation with 2.5 kHz Sine Wave signal, Freq. Dev.: 4.5 kHz  
EMISSION MASK B

Date: Feb. 14 2001  
Tested by: Hung Trinh



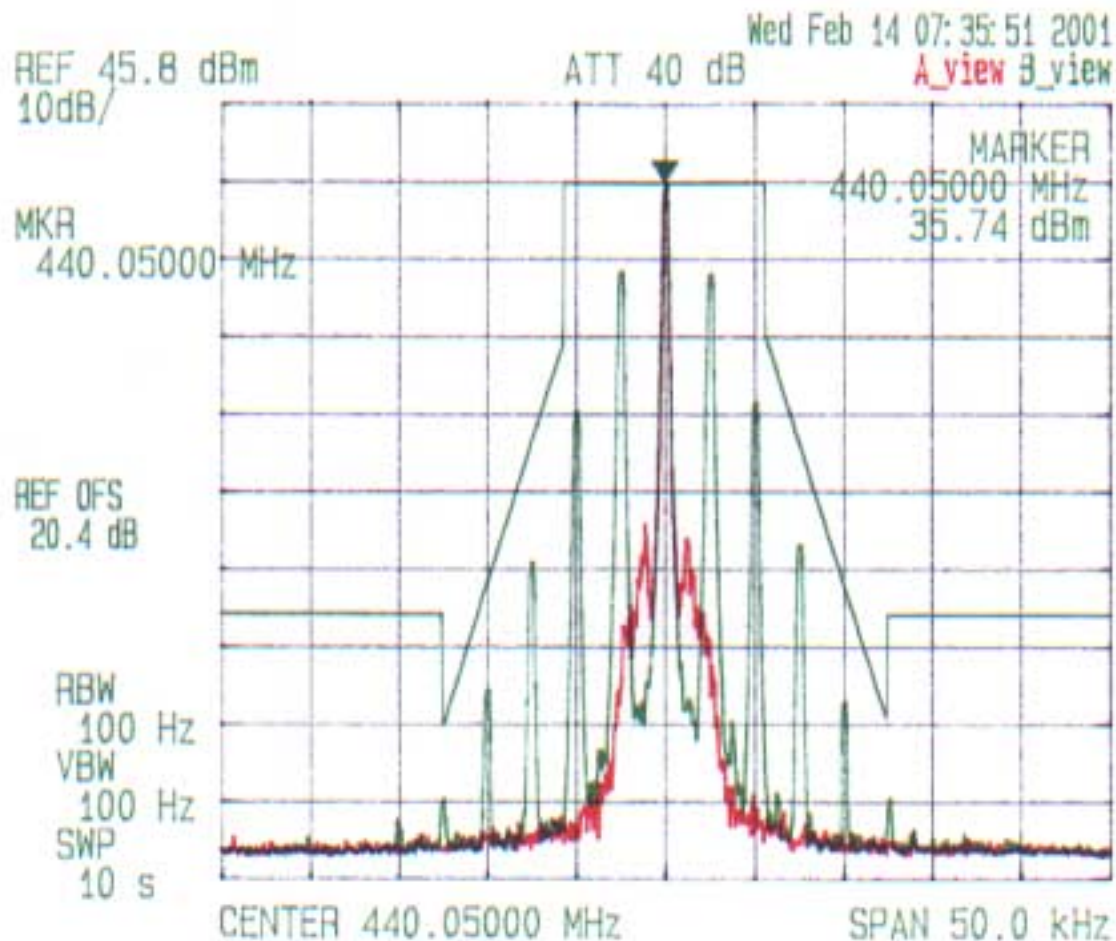
EMISSION MASK B  
FCC ID: AFJIC-F21

# EXHIBIT D – TEST DATA PLOTS



ICOM AMERICA INC.  
 UHF TRANSCEIVER, MODEL: IC-F21  
 Channel: 1, Tx Frequency: 440.05000 MHz, Output Power: 1.0 W  
 Mod: FM Modulation with 2.5 kHz Sine Wave signal, Freq. Dev: 2.5 kHz  
 EMISSION MASK D

Date: Feb 14, 2001  
 Tested by: Hung Trinh



EMISSION MASK D  
 FCC ID: AFJIC-F21

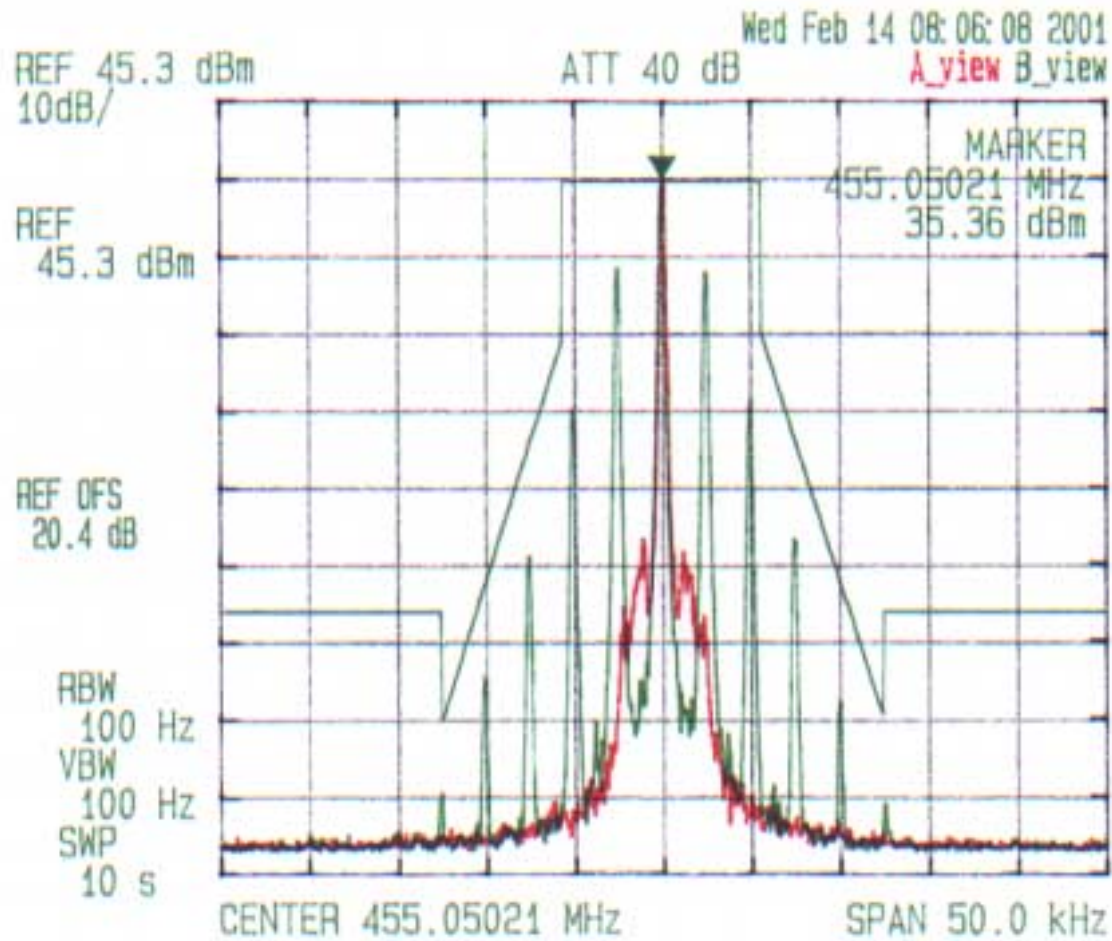
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EXHIBIT D – TEST DATA PLOTS



ICOM AMERICA INC.  
UHF TRANSCEIVER, MODEL: IC-F21  
Channel: 5, Tx Frequency: 455.05 MHz, Output Power: 4.4 W  
Mod: FM Modulation with 2.5 kHz Sine Wave signal, Freq. Dev: 2.5 kHz  
EMISSION MASK D

Date: Feb. 14, 2001  
Tested by: Hung Trinh



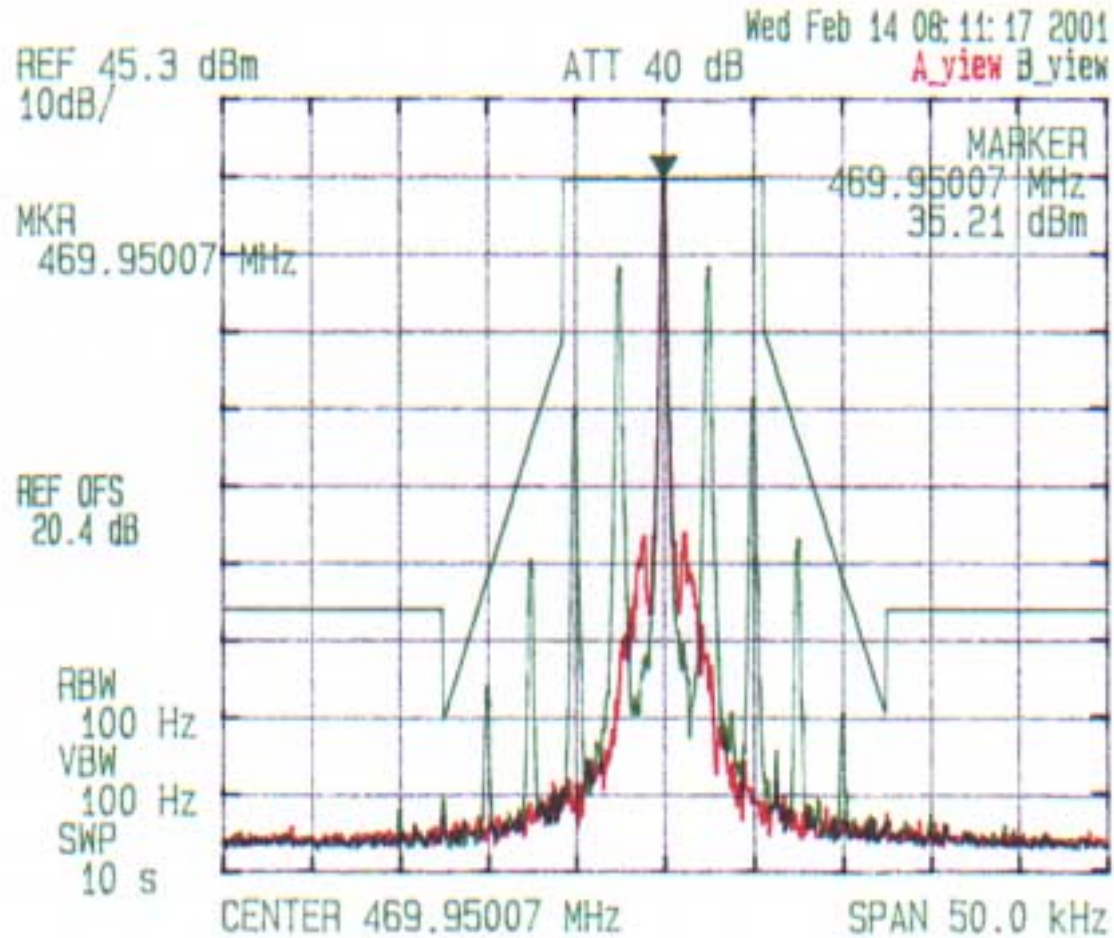
EMISSION MASK D  
FCC ID: AFJIC-F21

EXHIBIT D – TEST DATA PLOTS



ICOM AMERICA INC.  
UHF TRANSCEIVER, MODEL: IC-F21  
Channel: G, Tx Frequency: 469.95 MHz, Output Power: 4.1 W  
Mod.: FM Modulation with 2.5 kHz Sine Wave signal, Freq. Dev.: 2.5 kHz  
EMISSION MASK D

Date: Feb. 14, 2001  
Tested by: Hung Trinh



EMISSION MASK D  
FCC ID: AFJIC-F21

EXHIBIT D – TEST DATA PLOTS



ICOM AMERICA INC.  
UHF TRANSCEIVER, MODEL: IC-F21  
Channel: 1, Tx Frequency: 441.2 MHz, Output Power: 4.3 W  
Mod.: FM Modulation with 2.5 kHz Sine Wave signal, Freq. Dev.:        kHz  
TRANSMITTER ANTENNA POWER CONDUCTED

Date: Feb. 10, 2001  
Tested by: Hung Trinh

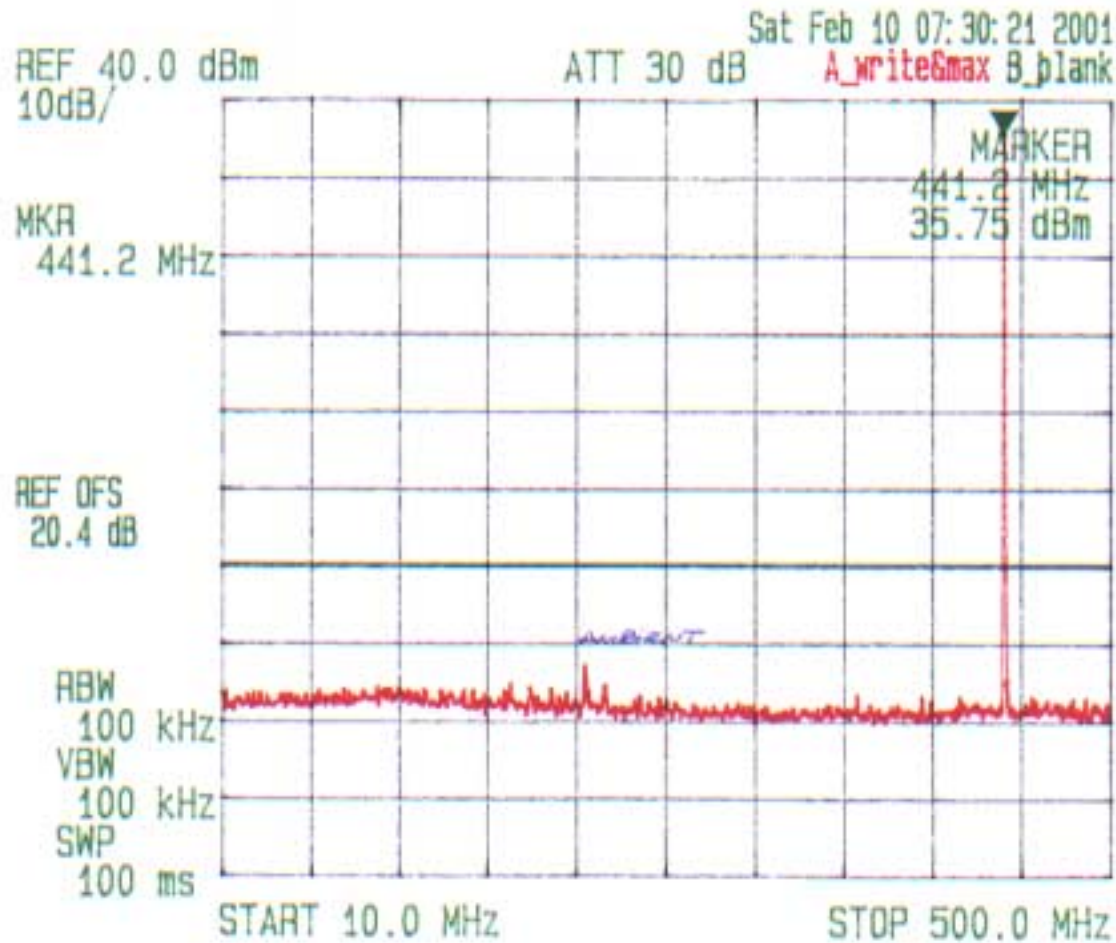


EXHIBIT D – TEST DATA PLOTS

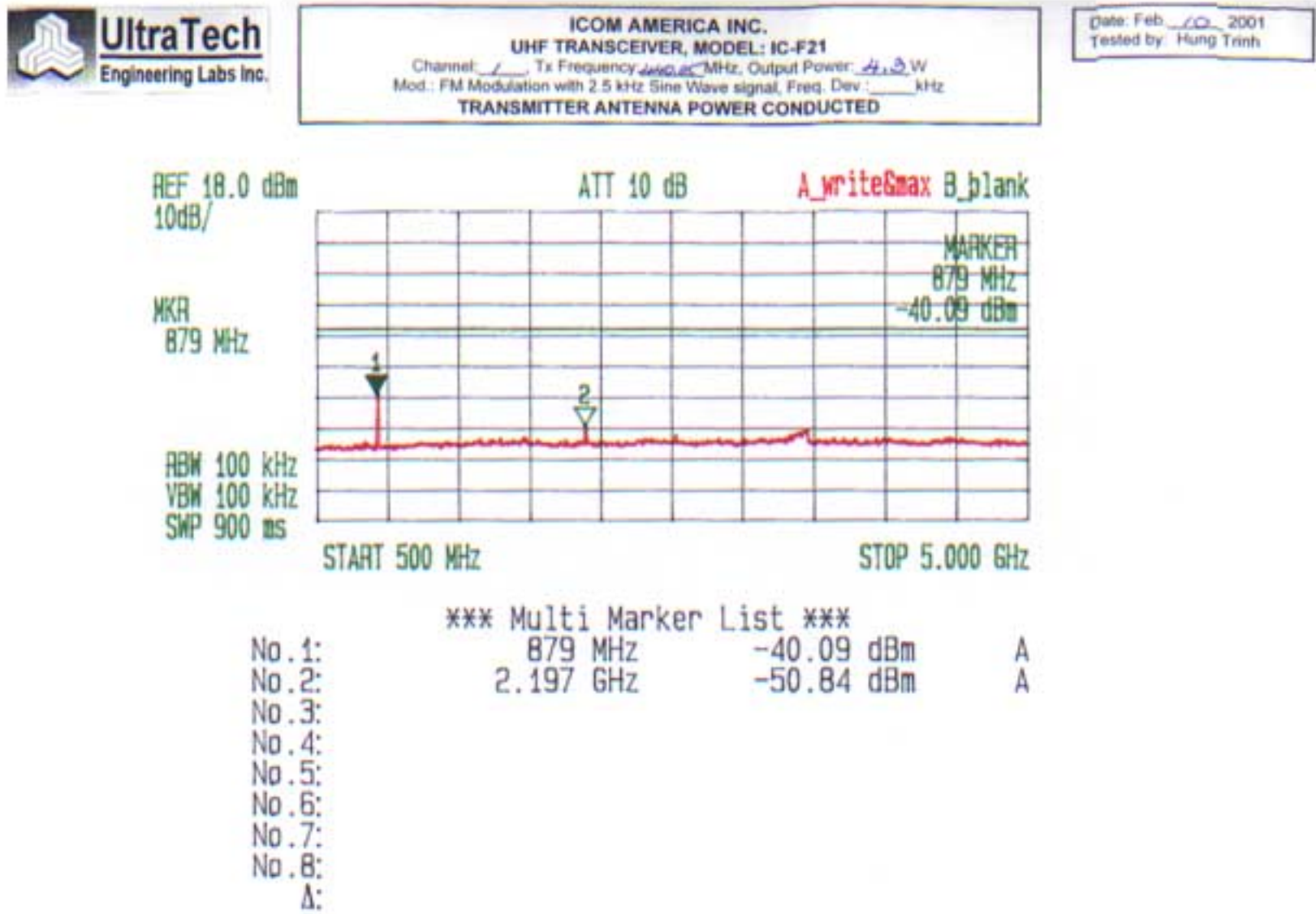


EXHIBIT D – TEST DATA PLOTS

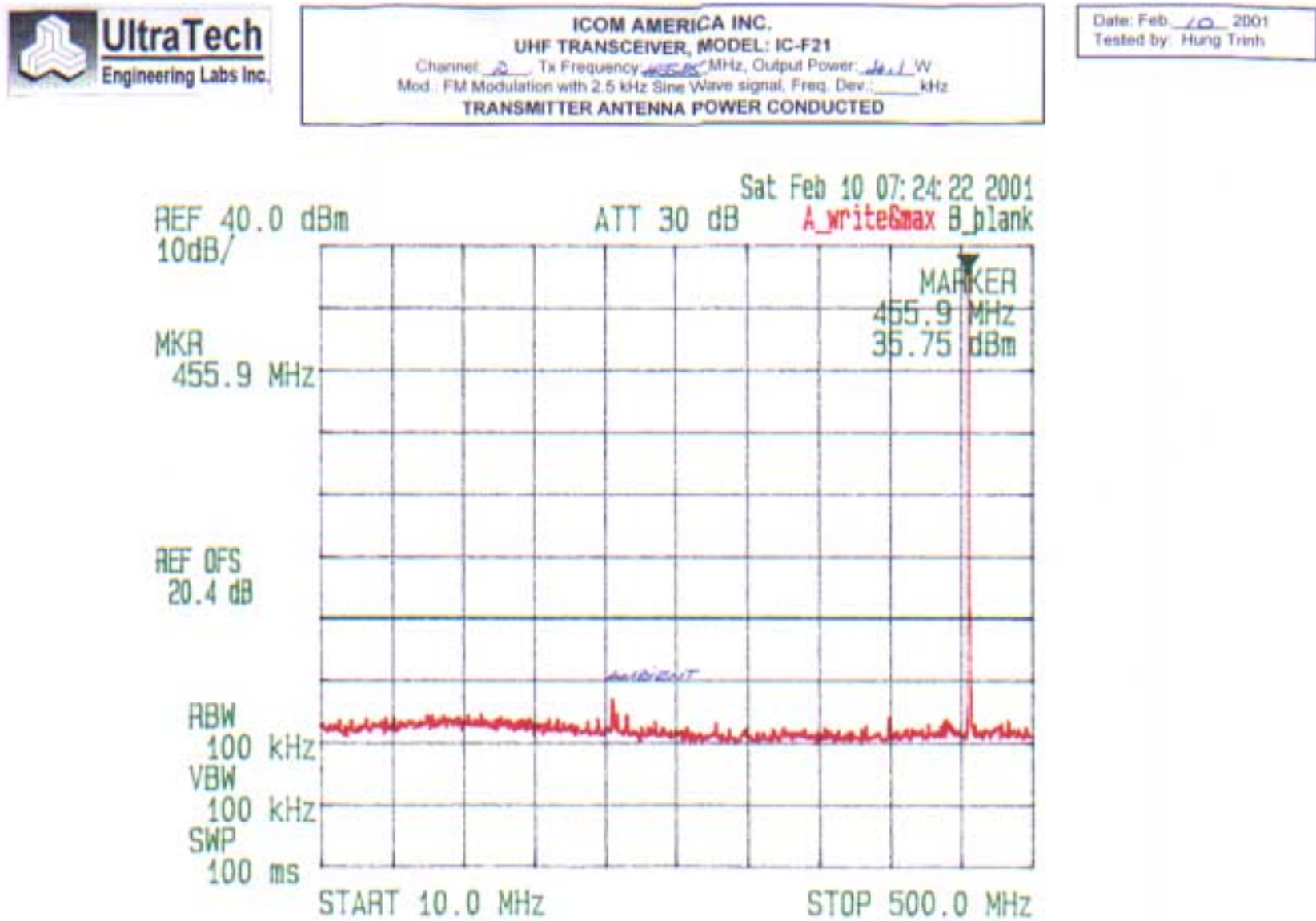


EXHIBIT D – TEST DATA PLOTS



ICOM AMERICA INC.  
UHF TRANSCEIVER, MODEL: IC-F21  
Channel: 2 Tx Frequency: 461.5 MHz, Output Power: 1.1 W  
Mod.: FM Modulation with 2.5 kHz Sine Wave signal, Freq. Dev.:        kHz  
**TRANSMITTER ANTENNA POWER CONDUCTED**

Date: Feb. 10 2001  
Tested by: Hung Trinh

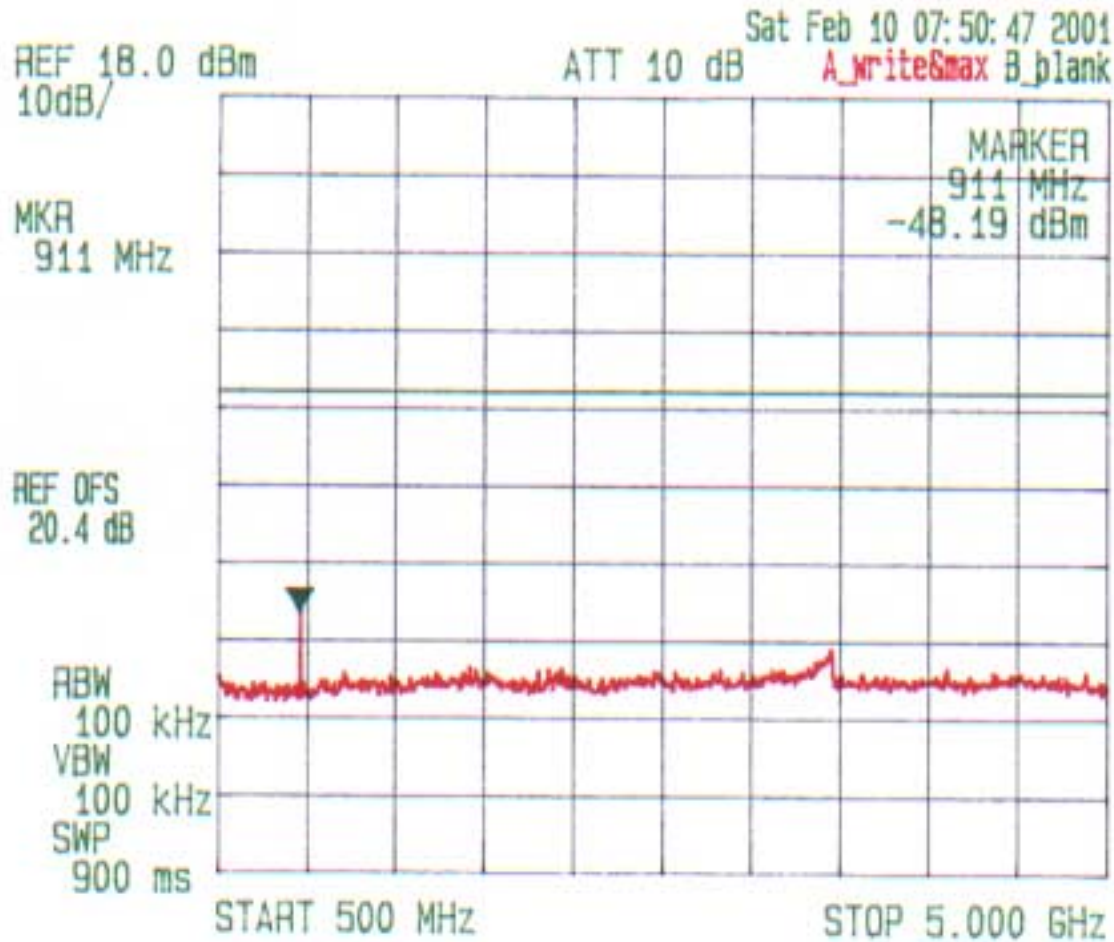


EXHIBIT D – TEST DATA PLOTS



ICOM AMERICA INC.  
UHF TRANSCEIVER, MODEL: IC-F21  
Channel 3, Tx Frequency: 470.6 MHz, Output Power: 4.1 W  
Mod.: FM Modulation with 2.5 kHz Sine Wave signal, Freq. Dev.:        kHz  
TRANSMITTER ANTENNA POWER CONDUCTED

Date: Feb. 10, 2001  
Tested by: Hung Trinh

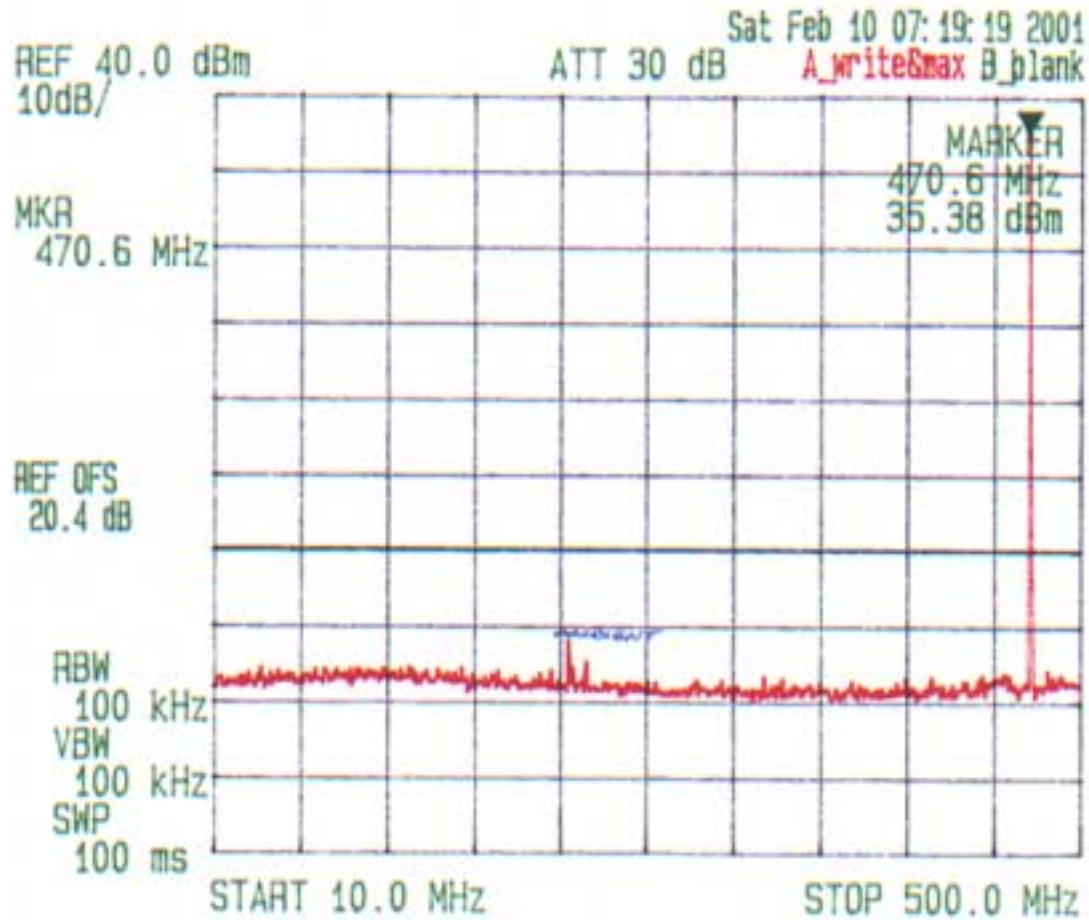
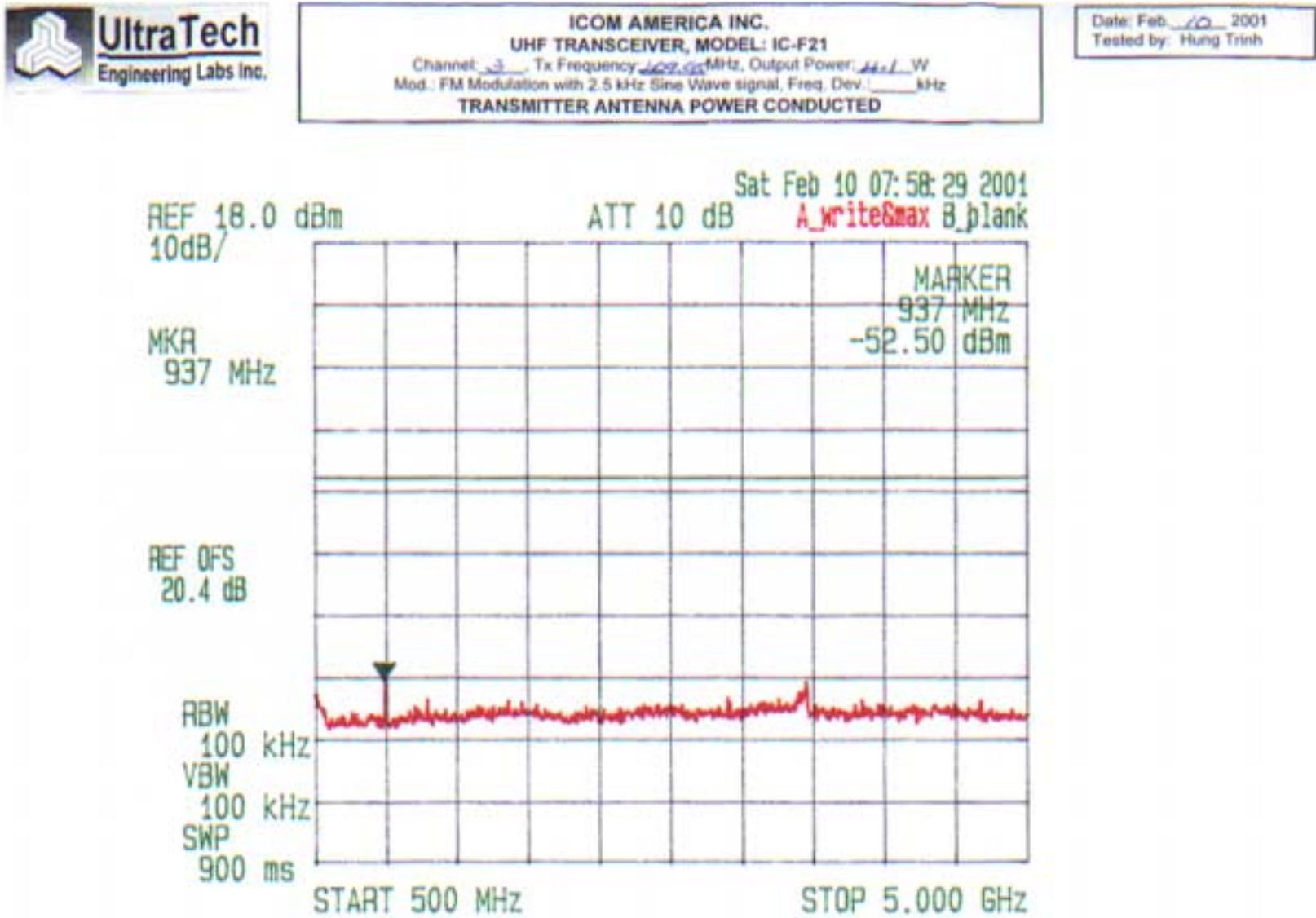
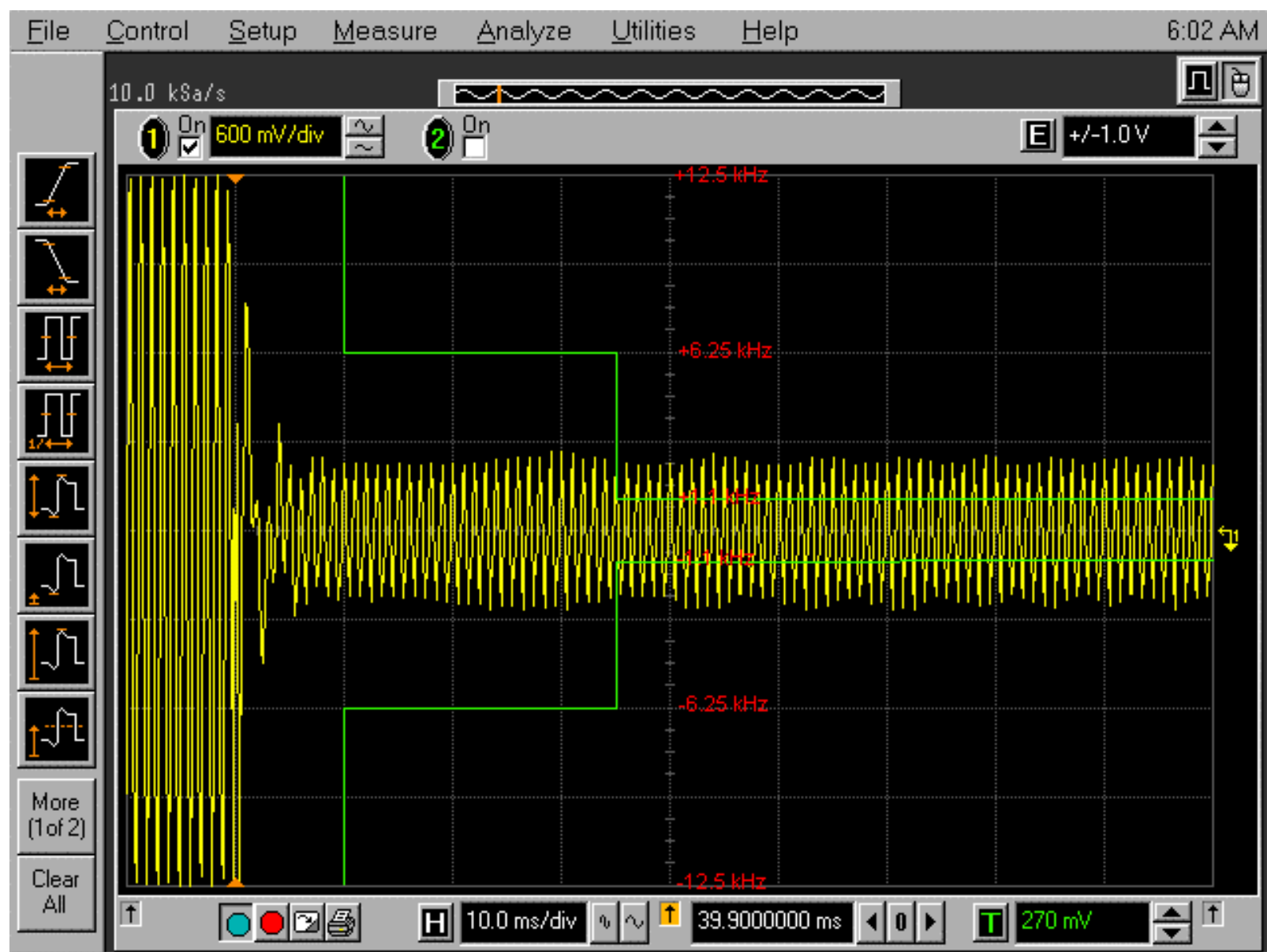


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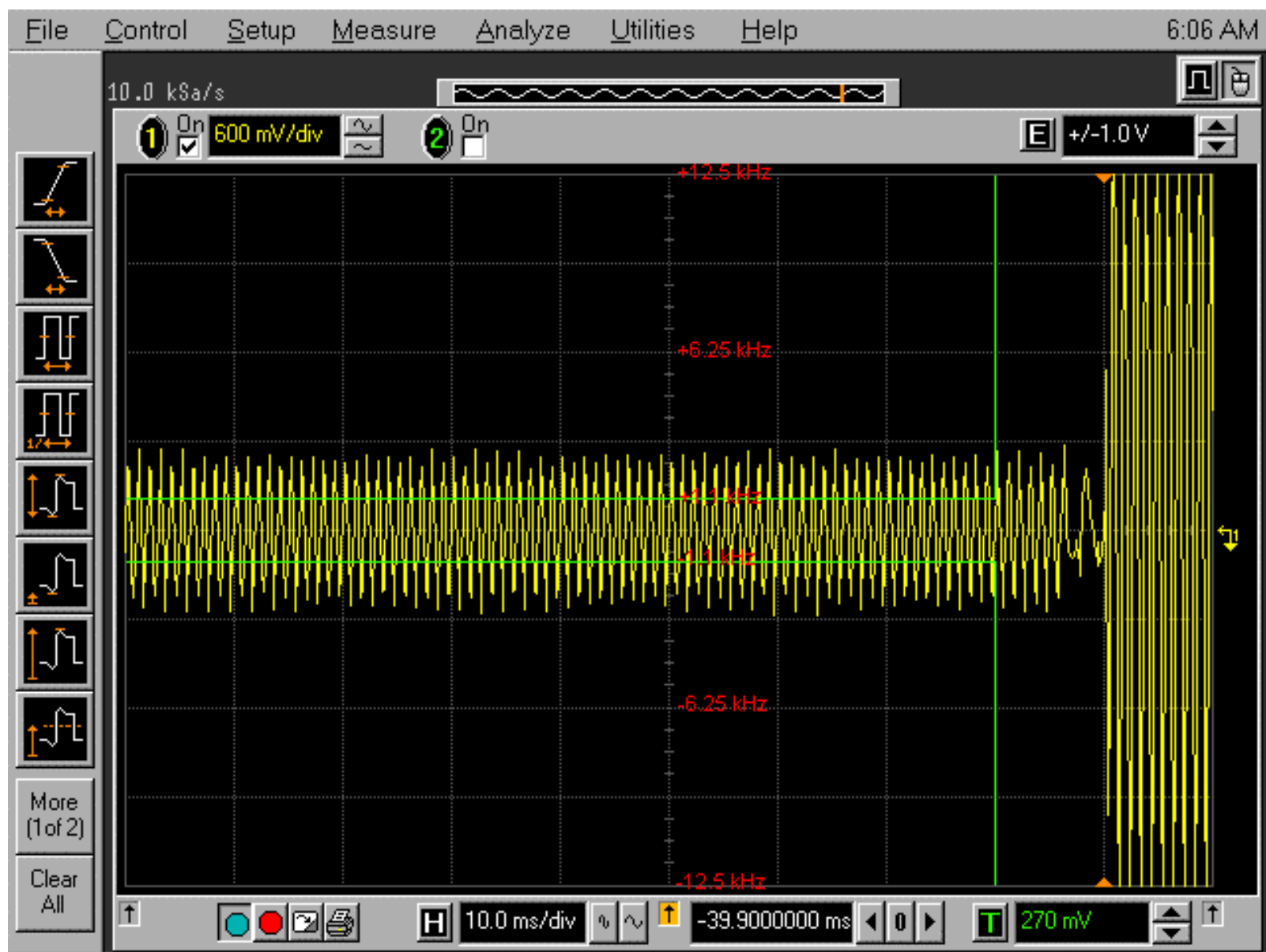
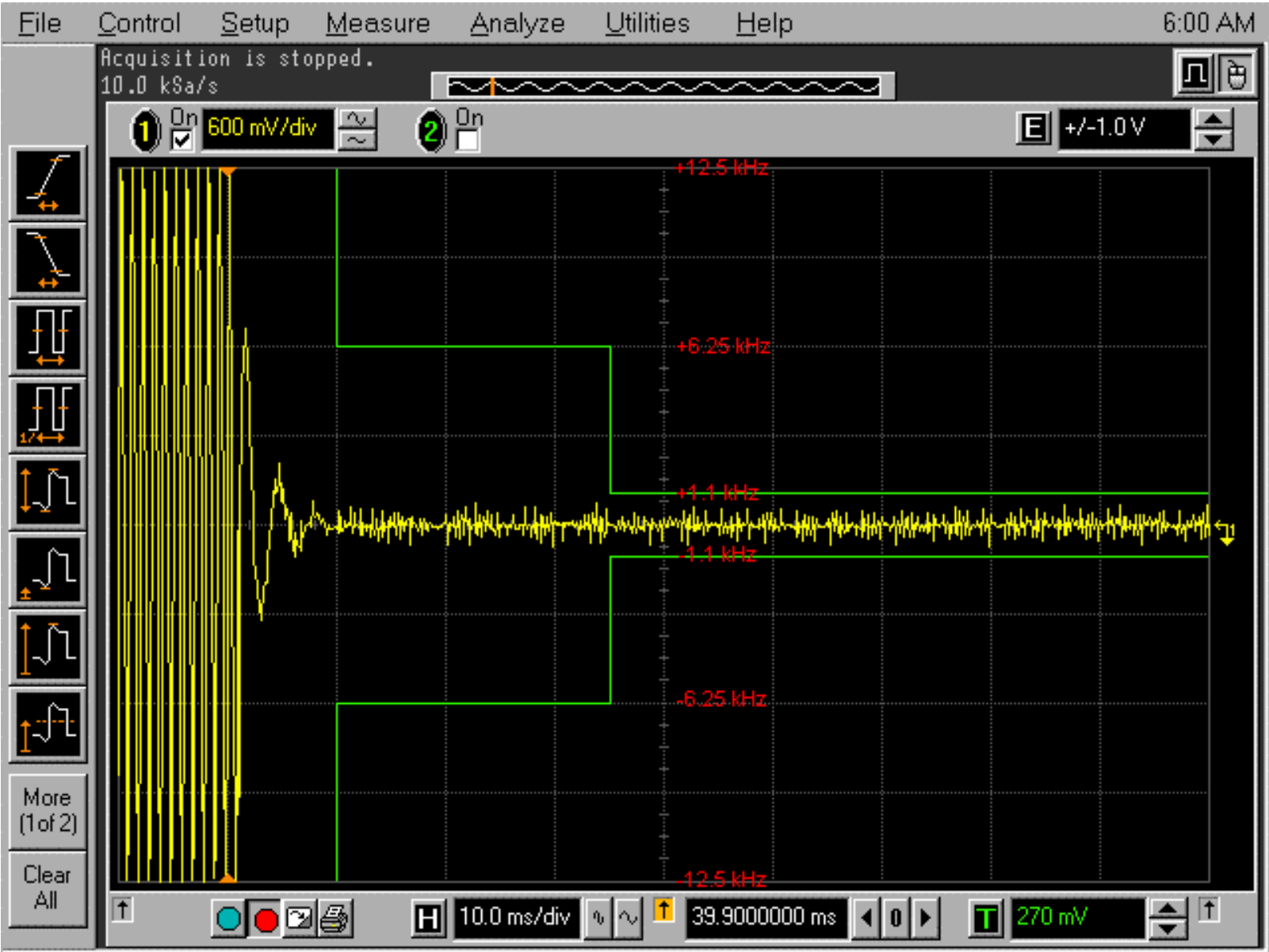


EXHIBIT D – TEST DATA PLOTS

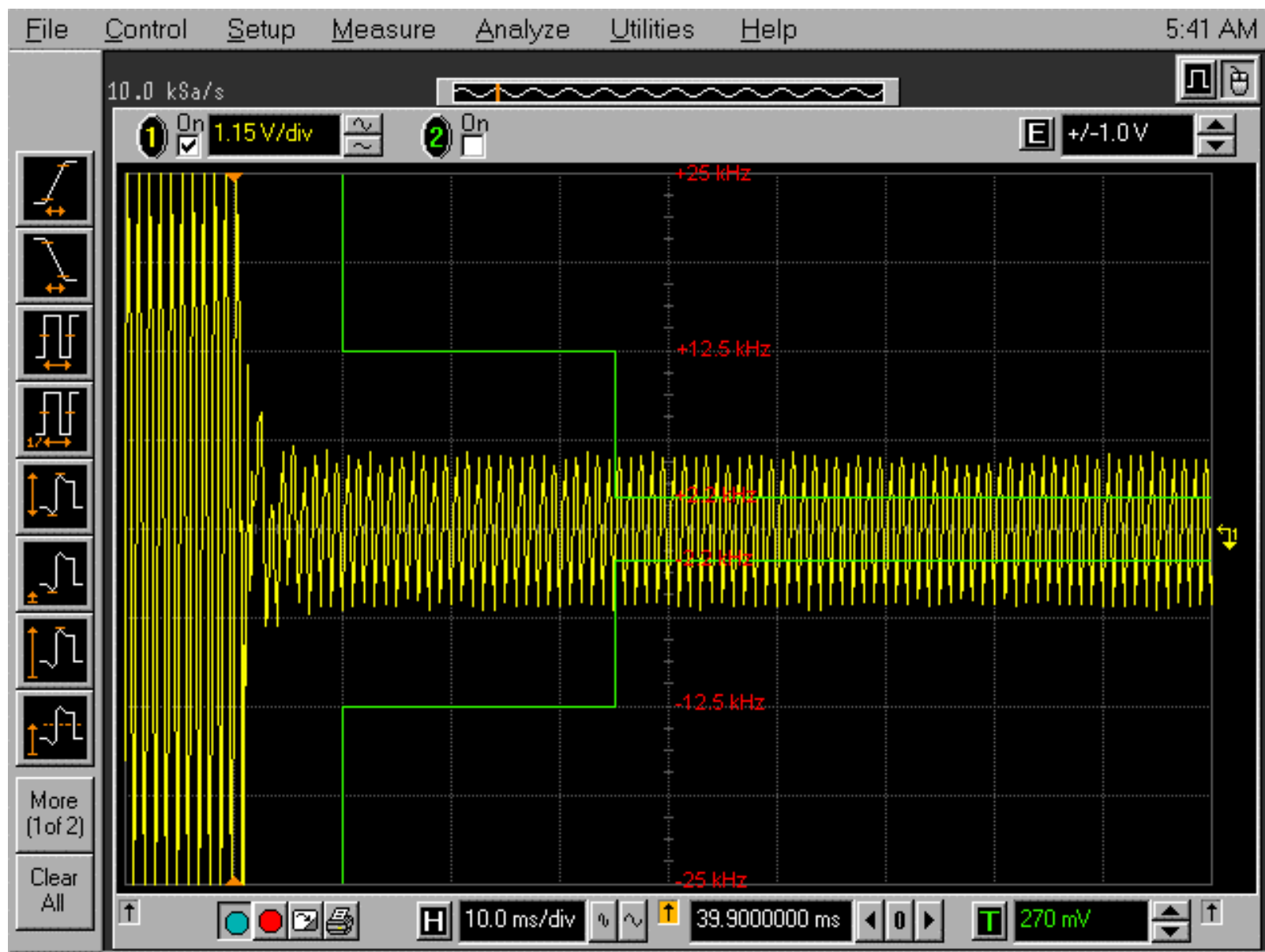


TRANSIENT FREQUENCY BEHAVIOR  
FCC ID: AFJIC-F21

## EXHIBIT D – TEST DATA PLOTS



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**TRANSIENT FREQUENCY BEHAVIOR**  
**FCC ID: AFJIC-F21**

**PLOT 23 OF 26**

## EXHIBIT D – TEST DATA PLOTS

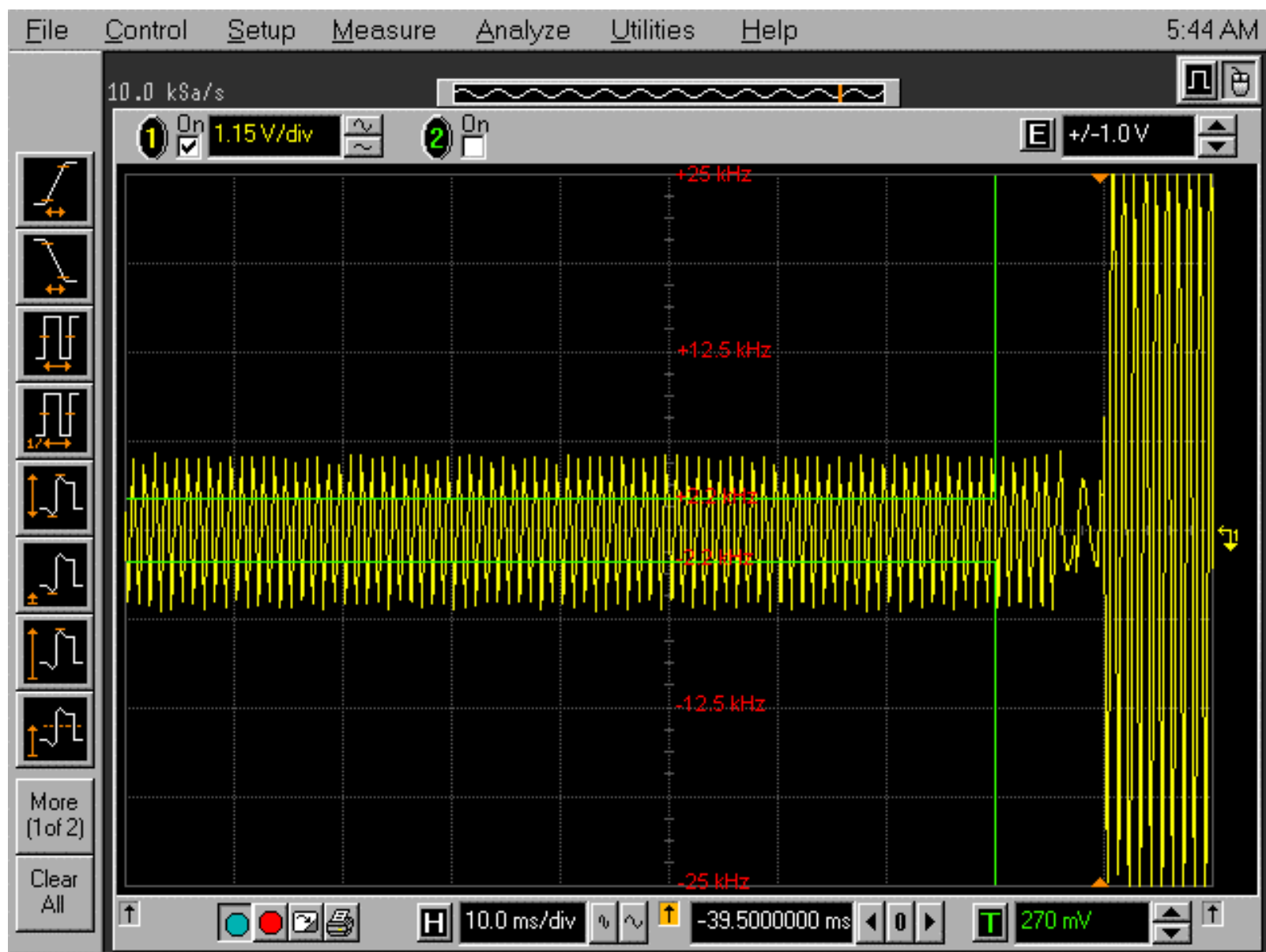
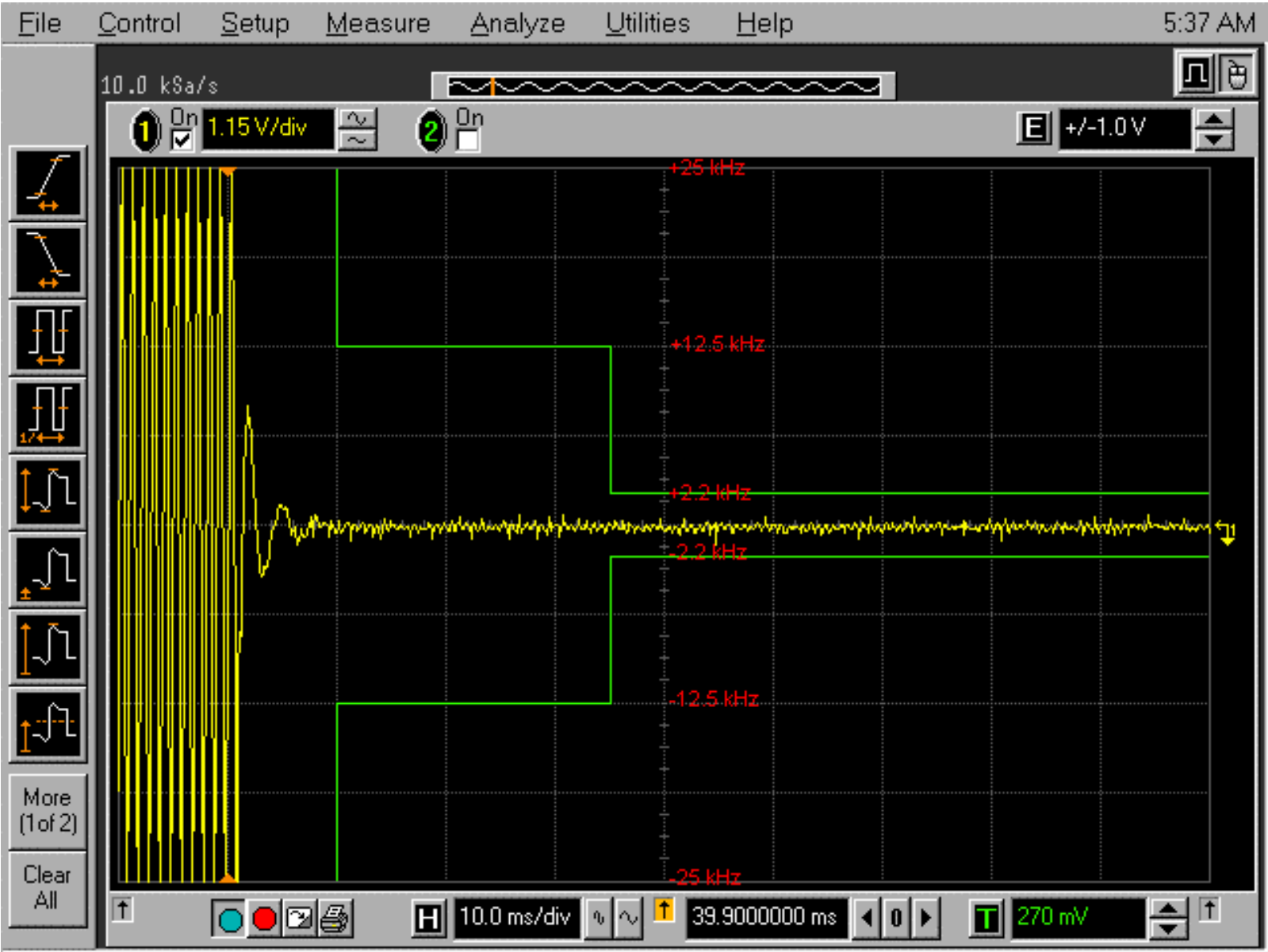


EXHIBIT D – TEST DATA PLOTS



TRANSIENT FREQUENCY BEHAVIOR  
FCC ID: AFJIC-F21

## EXHIBIT D – TEST DATA PLOTS

