

EXHIBIT 1 - PLOTS OF MEASUREMENTS

NXE1 Digital Radio, Model NXE1-20

TRANSMITTER CONDUCTED EMISSIONS AT THE ANTENNA PORT

PLOT # 29

FCC ID: CSU-NXE1-20



UltraTech
Engineering Labs Inc.

MOSELEY ASSOCIATES INC.
DIGITAL RADIO, MODEL: NXE1
Frequency: 209.4 MHz, Power Output: 0.5 W
Mod: QPSK modulation with random data @ 8448 Kbps

Emission Limits

Date: Dec 03 2001
Tested by: Hung Trinh

PLOT # 29

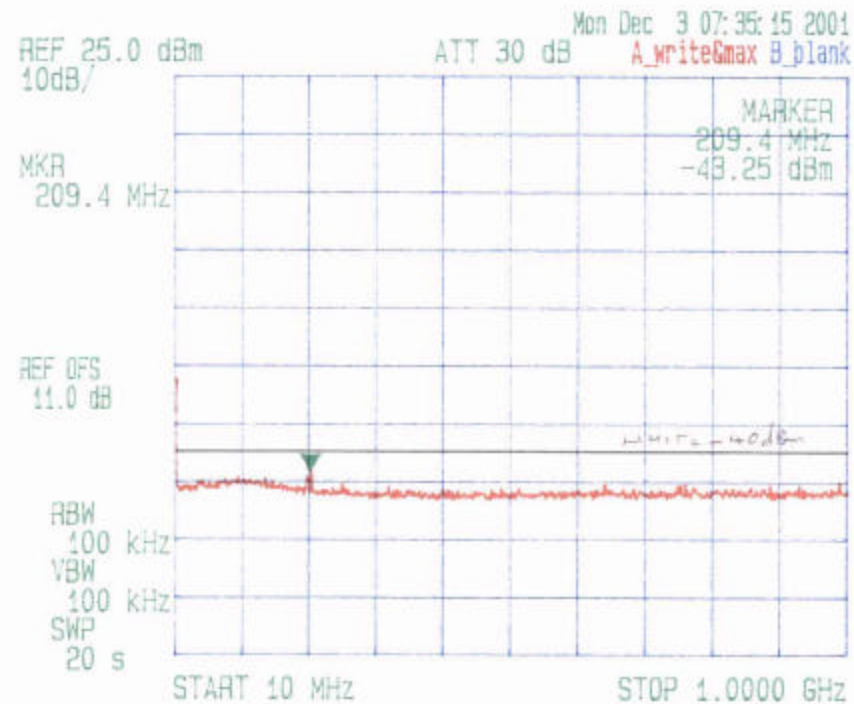


EXHIBIT 1 - PLOTS OF MEASUREMENTS

NXE1 Digital Radio, Model NXE1-20

TRANSMITTER CONDUCTED EMISSIONS AT THE ANTENNA PORT

PLOT # 30

FCC ID: CSU-NXE1-20

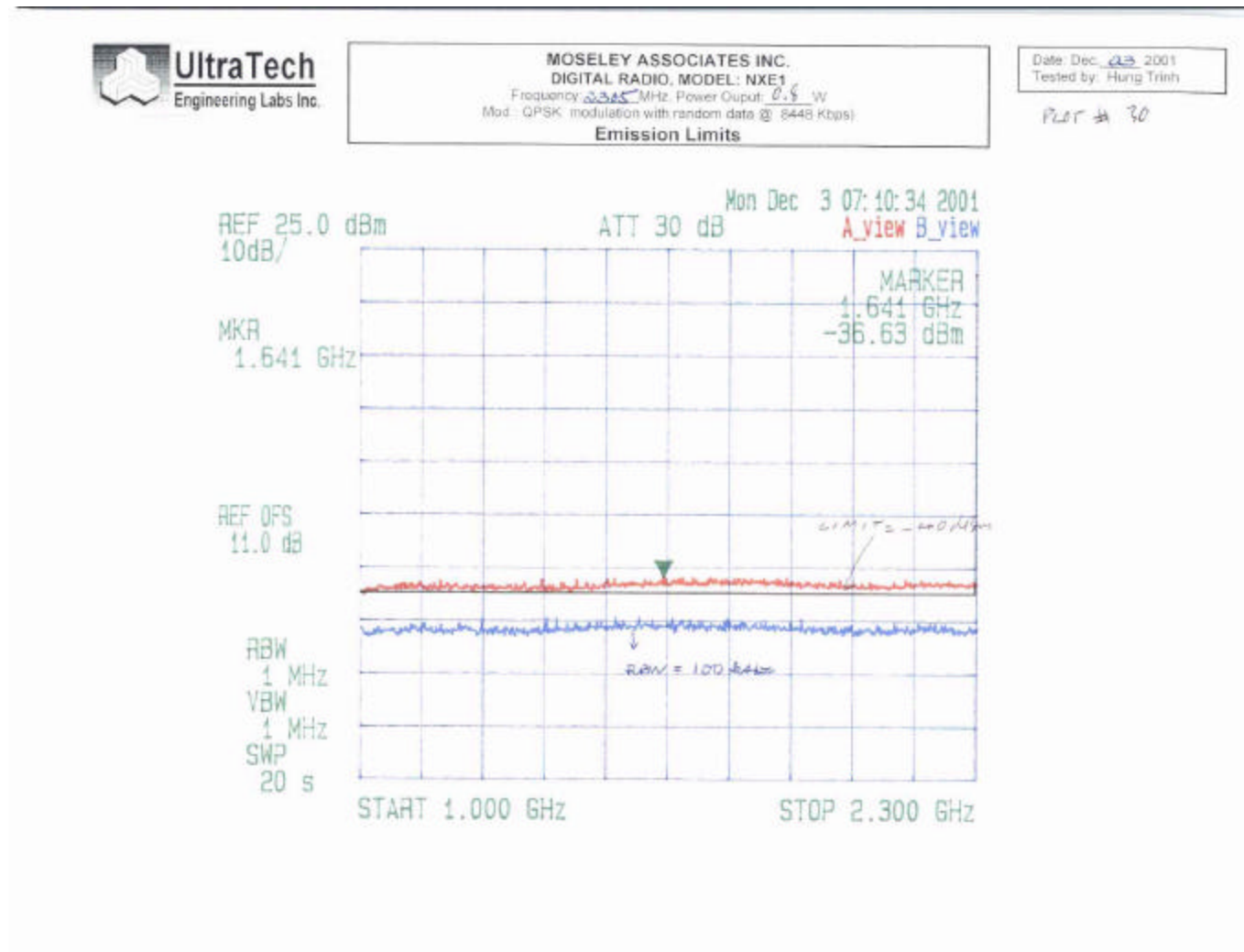


EXHIBIT 1 - PLOTS OF MEASUREMENTS

NXE1 Digital Radio, Model NXE1-20

TRANSMITTER CONDUCTED EMISSIONS AT THE ANTENNA PORT

PLOT # 31

FCC ID: CSU-NXE1-20



UltraTech
Engineering Labs Inc.

MOSELEY ASSOCIATES INC.
DIGITAL RADIO, MODEL: NXE1
Frequency: 23.319 MHz, Power Output: 0.6 W
Mod.: QPSK modulation with random data @ 8448 Kbps

Emission Limits

Date: Dec. 03, 2001
Tested by: Hung Trinh

PLOT # 31

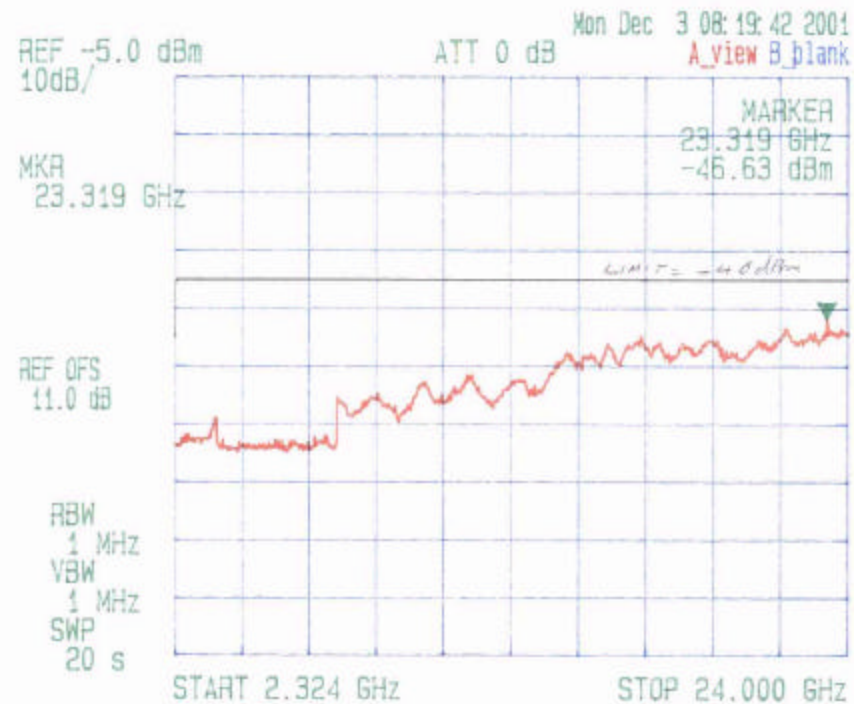


EXHIBIT 1 - PLOTS OF MEASUREMENTS

NXE1 Digital Radio, Model NXE1-20

TRANSMITTER CONDUCTED EMISSIONS AT THE ANTENNA PORT

PLOT # 32

FCC ID: CSU-NXE1-20



UltraTech
Engineering Labs Inc.

MOSELEY ASSOCIATES INC.
DIGITAL RADIO, MODEL: NXE1
Frequency: 300.1 MHz, Power Output: 1.0 W
Mod: QPSK modulation with random data @ 8448 Kbps
Emission Limits

Date: Dec. 03, 2001
Tested by: Hung Trinh

PLOT # 32

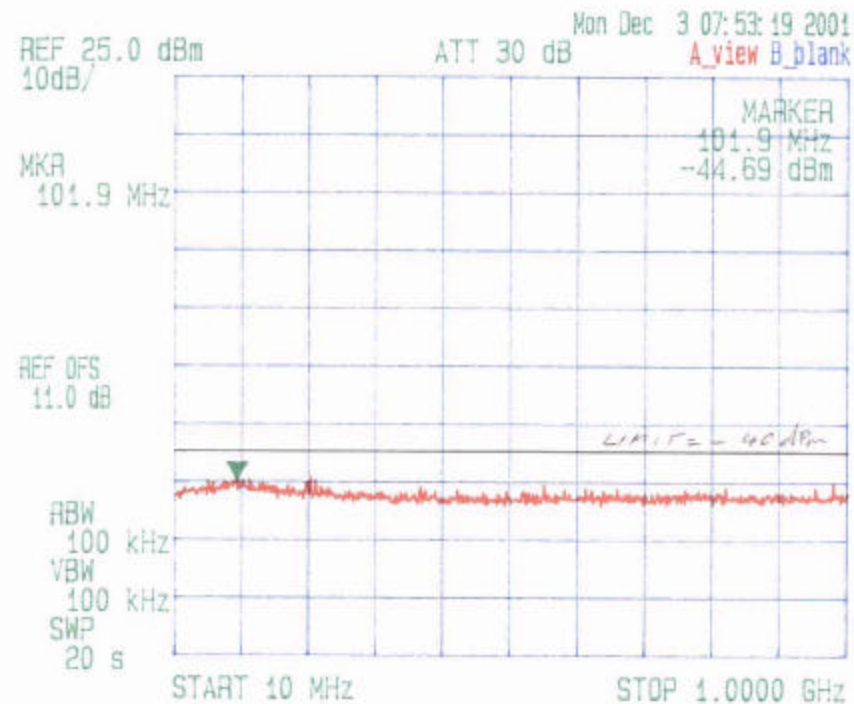


EXHIBIT 1 - PLOTS OF MEASUREMENTS

NXE1 Digital Radio, Model NXE1-20

TRANSMITTER CONDUCTED EMISSIONS AT THE ANTENNA PORT

PLOT # 33

FCC ID: CSU-NXE1-20

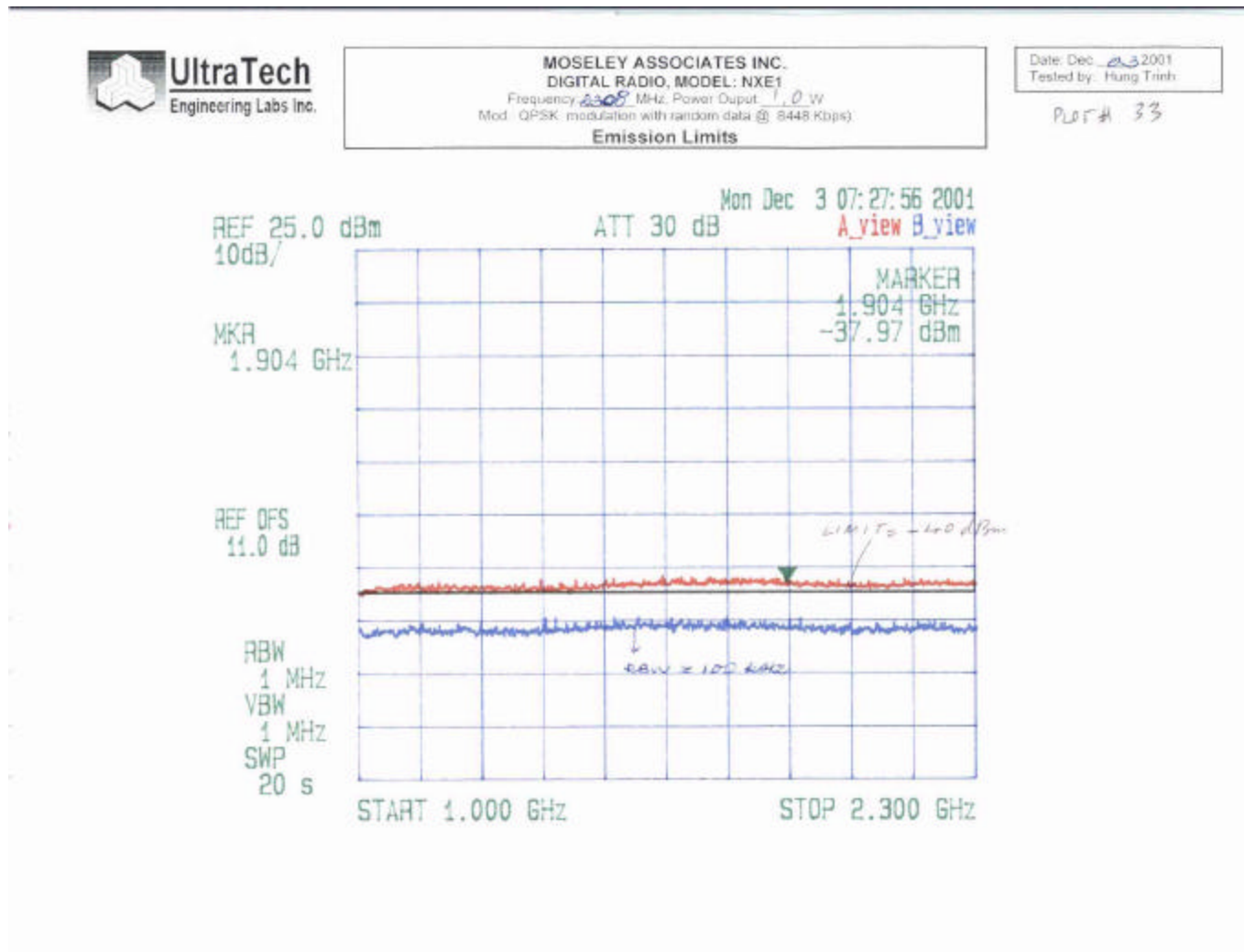


EXHIBIT 1 - PLOTS OF MEASUREMENTS

NXE1 Digital Radio, Model NXE1-20

TRANSMITTER CONDUCTED EMISSIONS AT THE ANTENNA PORT

PLOT # 34

FCC ID: CSU-NXE1-20



UltraTech
Engineering Labs Inc.

MOSELEY ASSOCIATES INC.
DIGITAL RADIO, MODEL: NXE1

Frequency: 23.319 MHz, Power Output: 1.0 W
Mod: QPSK, modulation with random data @ 8448 Kbps

Emission Limits

Date: Dec. 03, 2001
Tested by: Hung Trinh

PLOT# 34

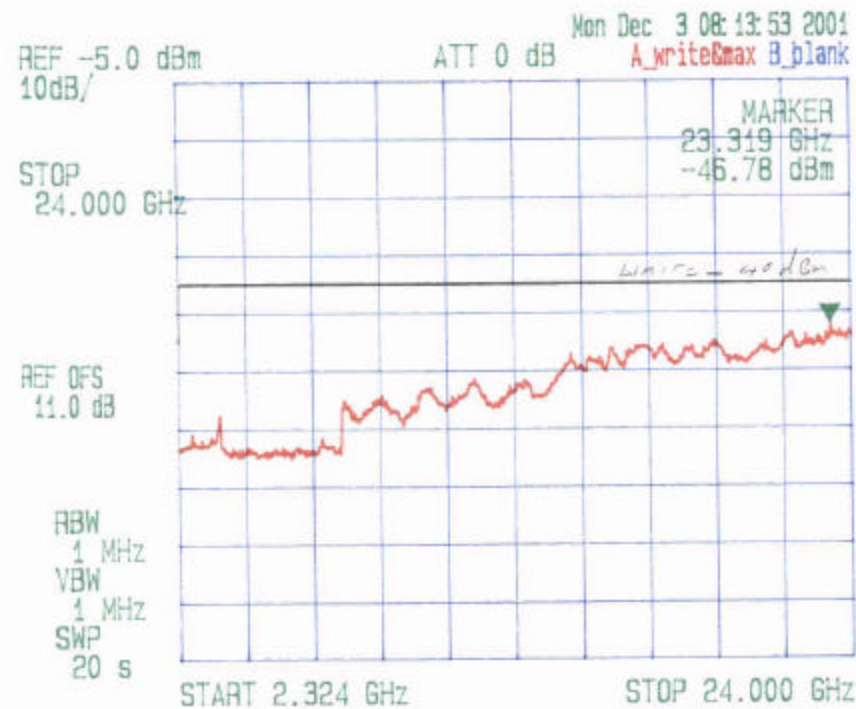


EXHIBIT 1 - PLOTS OF MEASUREMENTS

NXE1 Digital Radio, Model NXE1-20

TRANSMITTER CONDUCTED EMISSIONS AT THE ANTENNA PORT

PLOT # 35

FCC ID: CSU-NXE1-20



UltraTech
Engineering Labs Inc.

MOSELEY ASSOCIATES INC.
DIGITAL RADIO, MODEL: NXE1
Frequency: 209.4 MHz, Power Output: 0.9 W
Mod.: QPSK modulation with random data (8448 Kbps)

Emission Limits

Date: Dec 23, 2001
Tested by: Hung Trinh

PLOT # 35

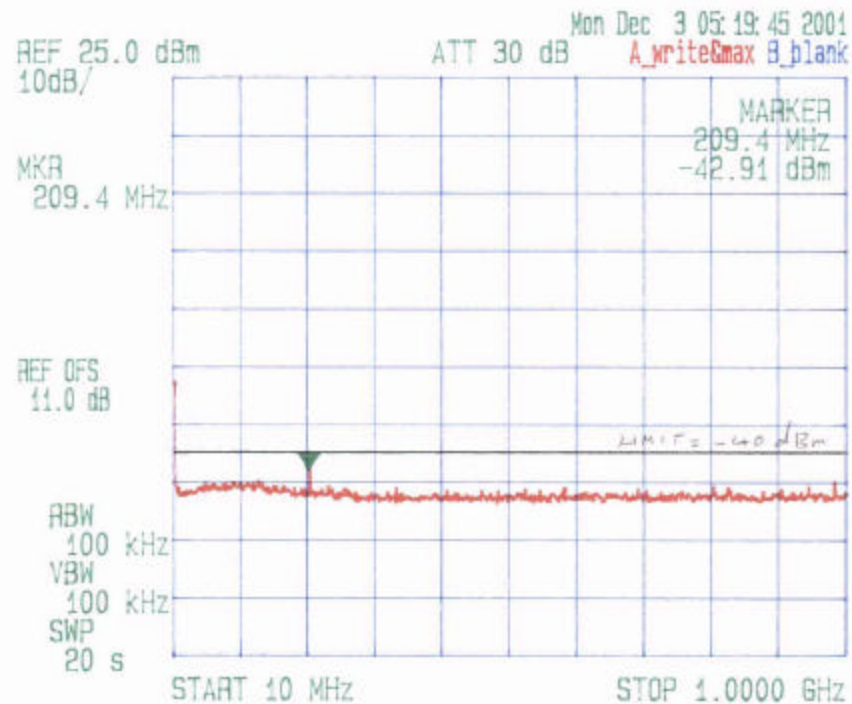


EXHIBIT 1 - PLOTS OF MEASUREMENTS

NXE1 Digital Radio, Model NXE1-20

TRANSMITTER CONDUCTED EMISSIONS AT THE ANTENNA PORT

PLOT # 36

FCC ID: CSU-NXE1-20



UltraTech
Engineering Labs Inc.

MOSELEY ASSOCIATES INC.
DIGITAL RADIO, MODEL: NXE1
Frequency: 209.4 MHz, Power Output: 0.9 W
Mod.: QPSK modulation with random data (8448 Kbps)

Emission Limits

Date: Dec 23, 2001
Tested by: Hung Trinh

PLOT # 35

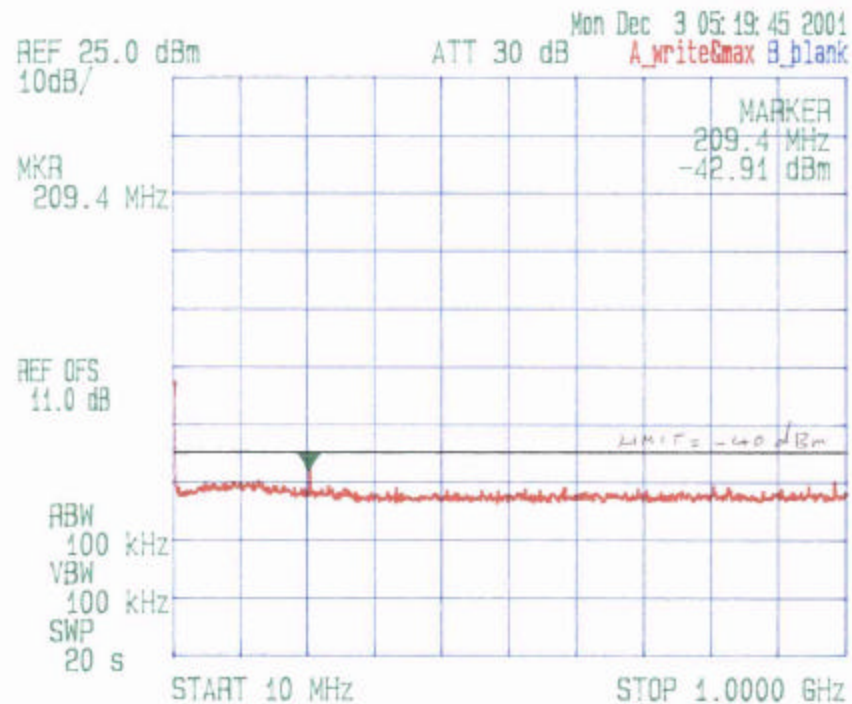


EXHIBIT 1 - PLOTS OF MEASUREMENTS

NXE1 Digital Radio, Model NXE1-20

TRANSMITTER CONDUCTED EMISSIONS AT THE ANTENNA PORT

PLOT # 37

FCC ID: CSU-NXE1-20



MOSELEY ASSOCIATES INC.
DIGITAL RADIO, MODEL: NXE1
Frequency: 2.345 MHz, Power Output: 0.1 W
Mod: QPSK modulation with random data @ 8448 Kbps
Emission Limits

Date: Dec. 03, 2001
Tested by: Hung Trinh

PLOT # 37

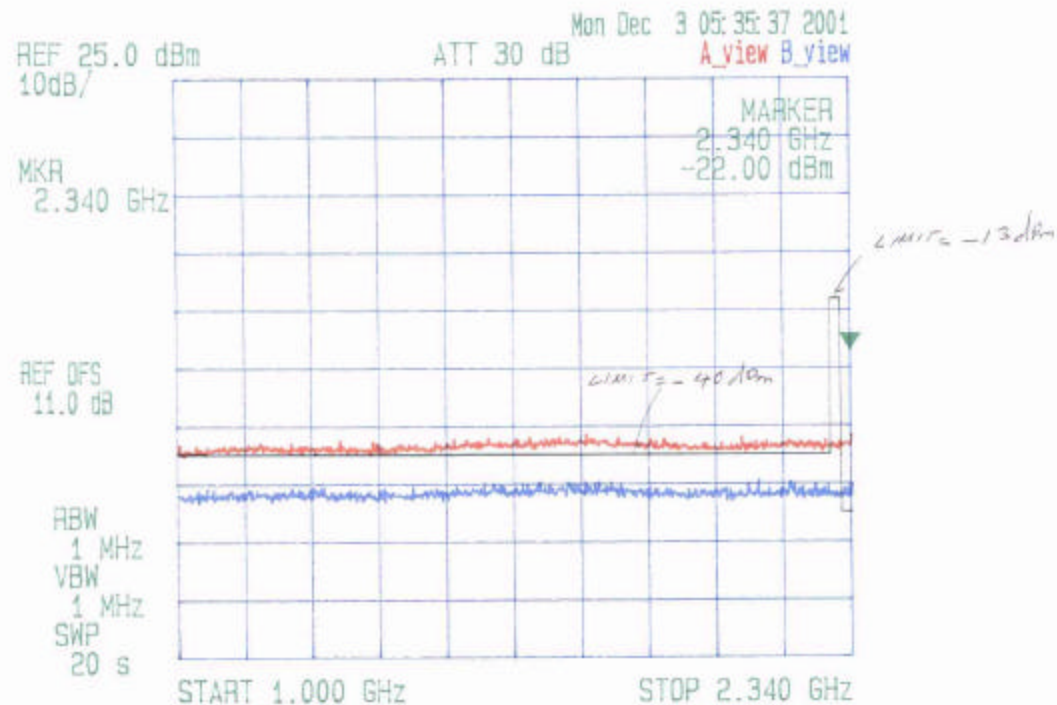


EXHIBIT 1 - PLOTS OF MEASUREMENTS

NXE1 Digital Radio, Model NXE1-20

TRANSMITTER CONDUCTED EMISSIONS AT THE ANTENNA PORT

PLOT # 38

FCC ID: CSU-NXE1-20

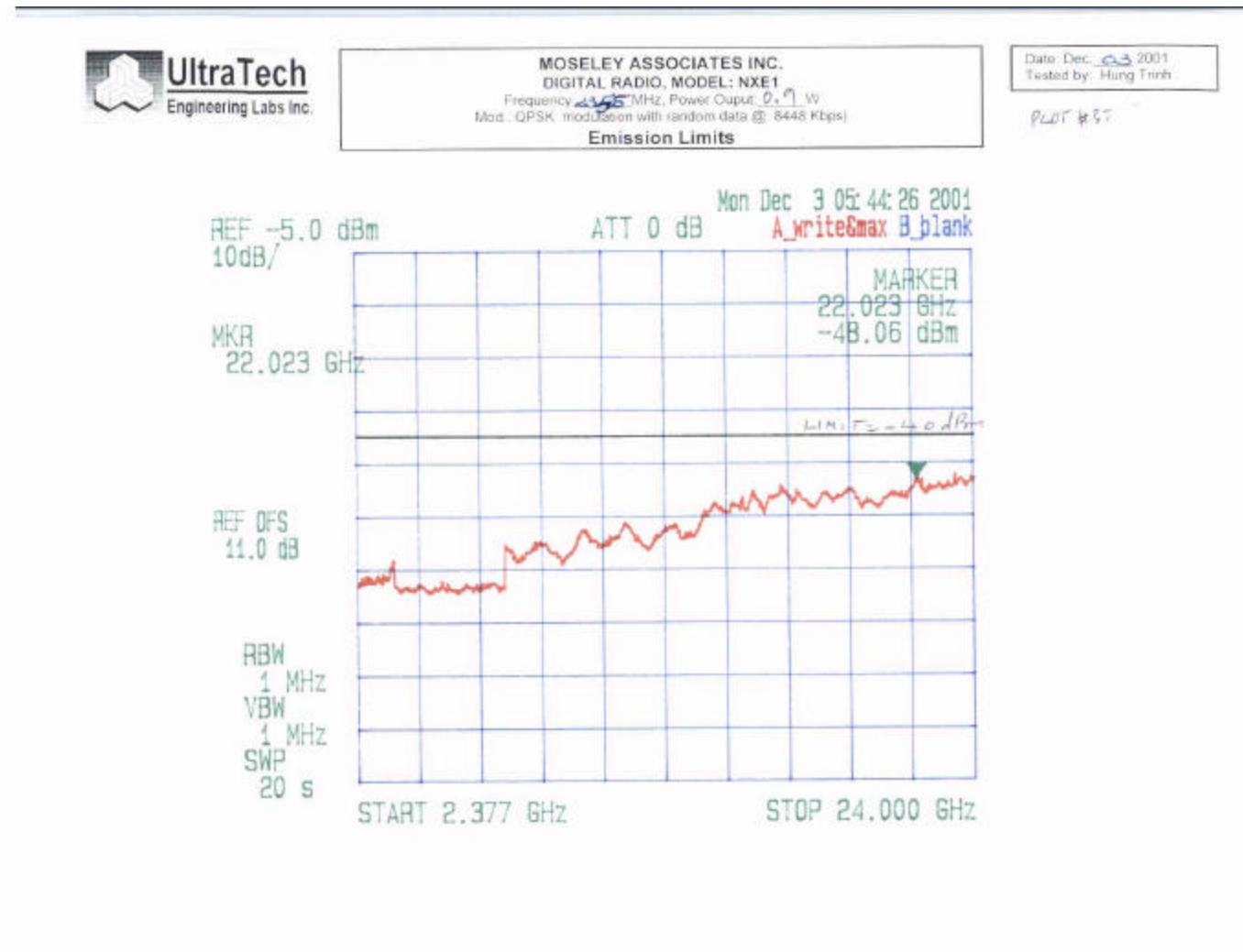


EXHIBIT 1 - PLOTS OF MEASUREMENTS

NXE1 Digital Radio, Model NXE1-20

TRANSMITTER CONDUCTED EMISSIONS AT THE ANTENNA PORT

PLOT # 39

FCC ID: CSU-NXE1-20

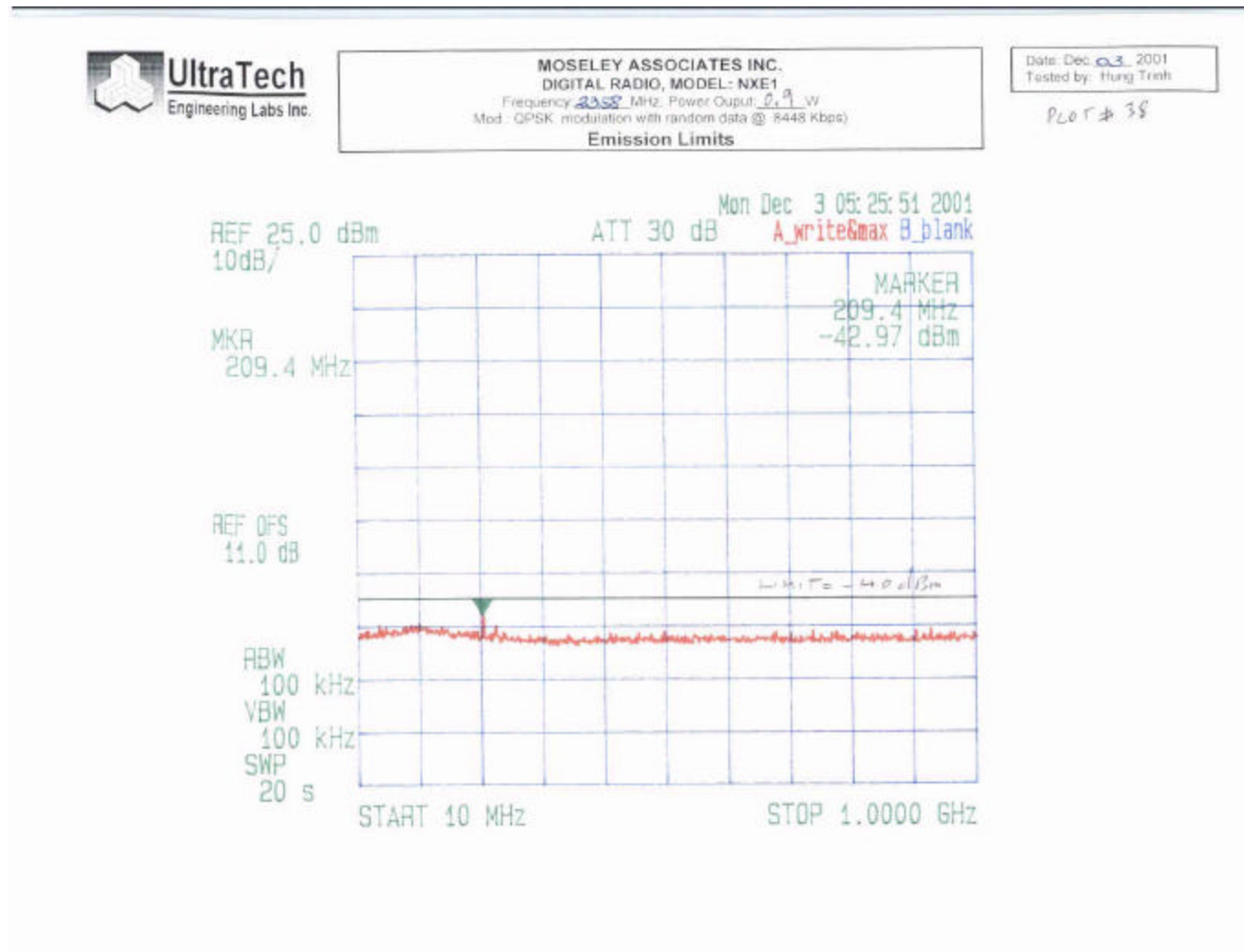


EXHIBIT 1 - PLOTS OF MEASUREMENTS

NXE1 Digital Radio, Model NXE1-20

TRANSMITTER CONDUCTED EMISSIONS AT THE ANTENNA PORT

PLOT # 40

FCC ID: CSU-NXE1-20

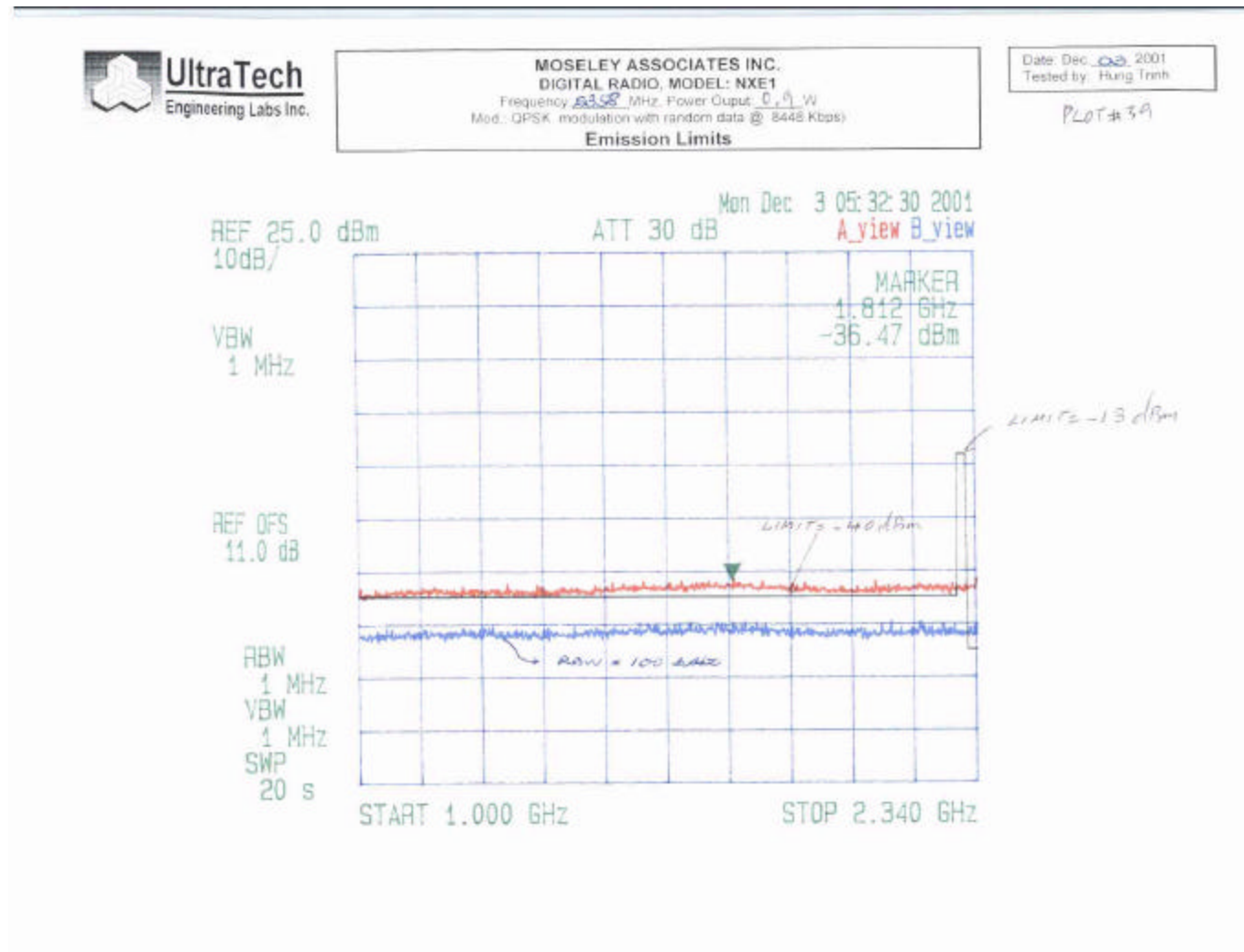


EXHIBIT 1 - PLOTS OF MEASUREMENTS

NXE1 Digital Radio, Model NXE1-20

TRANSMITTER CONDUCTED EMISSIONS AT THE ANTENNA PORT

PLOT # 41

FCC ID: CSU-NXE1-20

