

EXHIBIT 1 - PLOTS OF MEASUREMENTS

NXE1 Digital Radio, Model NXE1-20

TRANSMITTER CONDUCTED EMISSIONS AT THE ANTENNA PORT

PLOT # 17

FCC ID: CSU-NXE1-20



MOSELEY ASSOCIATES INC.
DIGITAL RADIO, MODEL: NXE1
Frequency: 127.4 MHz, Power Output: 1.3 W
Mod: 16 QAM modulation with random data @ 8448 Kbps)
Emission Limits

Date: Dec 03, 2001
Tested by: Hung Trinh

PLOT # 17

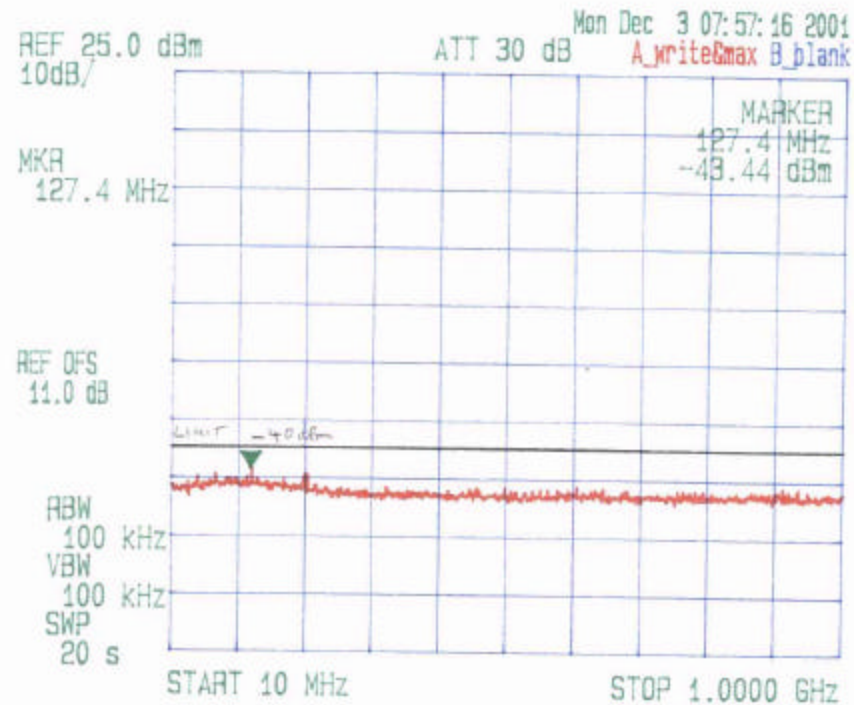


EXHIBIT 1 - PLOTS OF MEASUREMENTS

NXE1 Digital Radio, Model NXE1-20

TRANSMITTER CONDUCTED EMISSIONS AT THE ANTENNA PORT

PLOT # 18

FCC ID: CSU-NXE1-20



UltraTech
Engineering Labs Inc.

MOSELEY ASSOCIATES INC.

DIGITAL RADIO, MODEL: NXE1

Frequency: 1.661 MHz, Power Output: 1.2 W
Mod: 16 QAM modulation with random data @ 8448 Kbps)

Emission Limits

Date: Dec 03 2001
Tested by: Hung Trinh

PLOT # 18

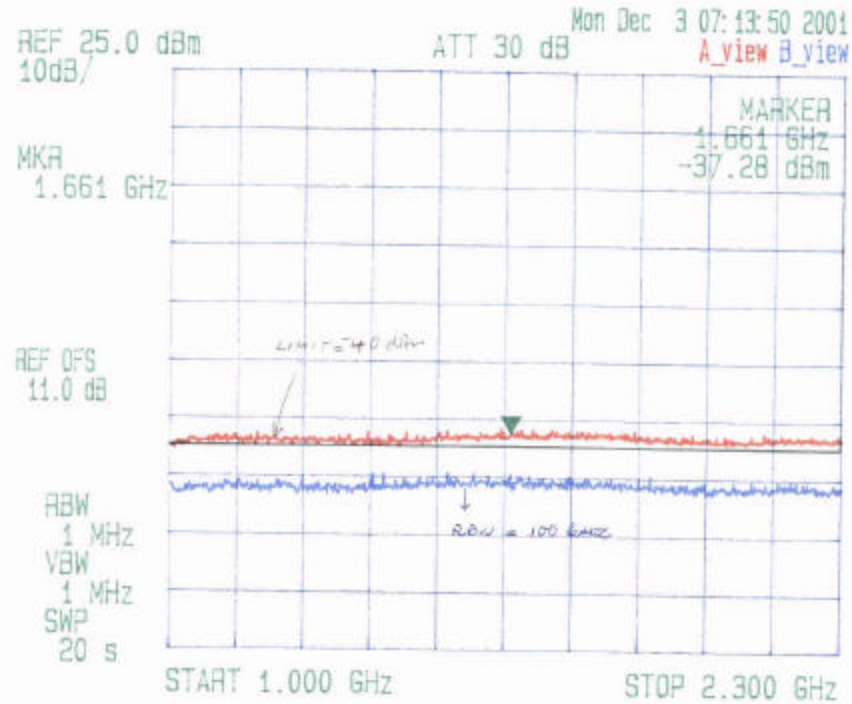


EXHIBIT 1 - PLOTS OF MEASUREMENTS

NXE1 Digital Radio, Model NXE1-20

TRANSMITTER CONDUCTED EMISSIONS AT THE ANTENNA PORT

PLOT # 19

FCC ID: CSU-NXE1-20



UltraTech
Engineering Labs Inc.

MOSELEY ASSOCIATES INC.

DIGITAL RADIO, MODEL: NXE1

Frequency: 22.018 MHz, Power Output: 1.2 W
Mod.: 16 QAM modulation with random data @ 8448 Kbps)

Emission Limits

Date: Dec. 3, 2001
Tested by: Hung Trinh

PLOT # 19

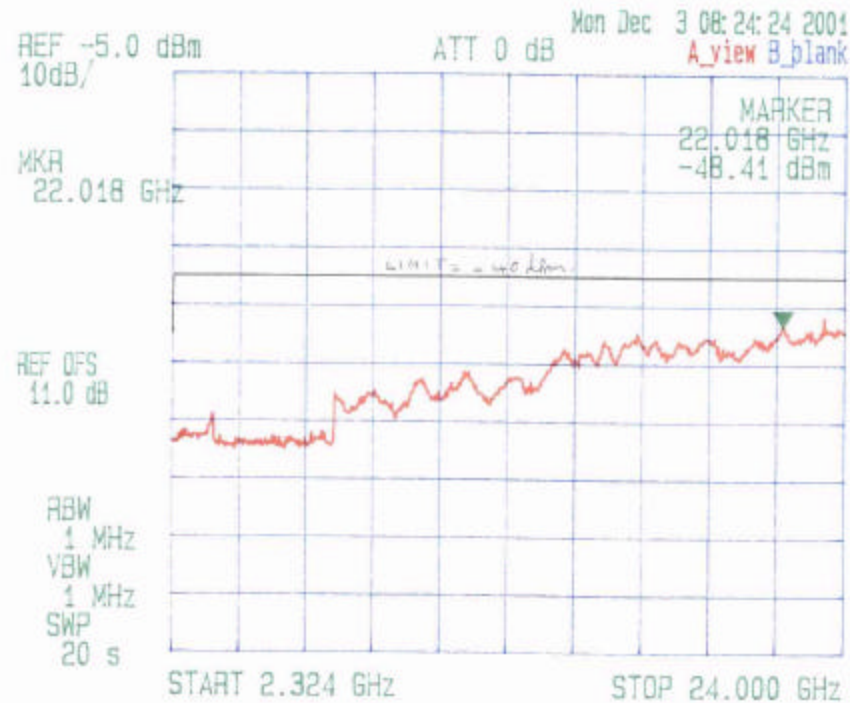


EXHIBIT 1 - PLOTS OF MEASUREMENTS

NXE1 Digital Radio, Model NXE1-20

TRANSMITTER CONDUCTED EMISSIONS AT THE ANTENNA PORT

PLOT # 20

FCC ID: CSU-NXE1-20



MOSELEY ASSOCIATES INC.
DIGITAL RADIO, MODEL: NXE1
Frequency 127.4 MHz, Power Output 1.3 W
Mod.: 16 QAM modulation with random data @ 8448 Kbps
Emission Limits

Date: Dec 03, 2001
Tested by: Hung Trinh

PLOT # 20

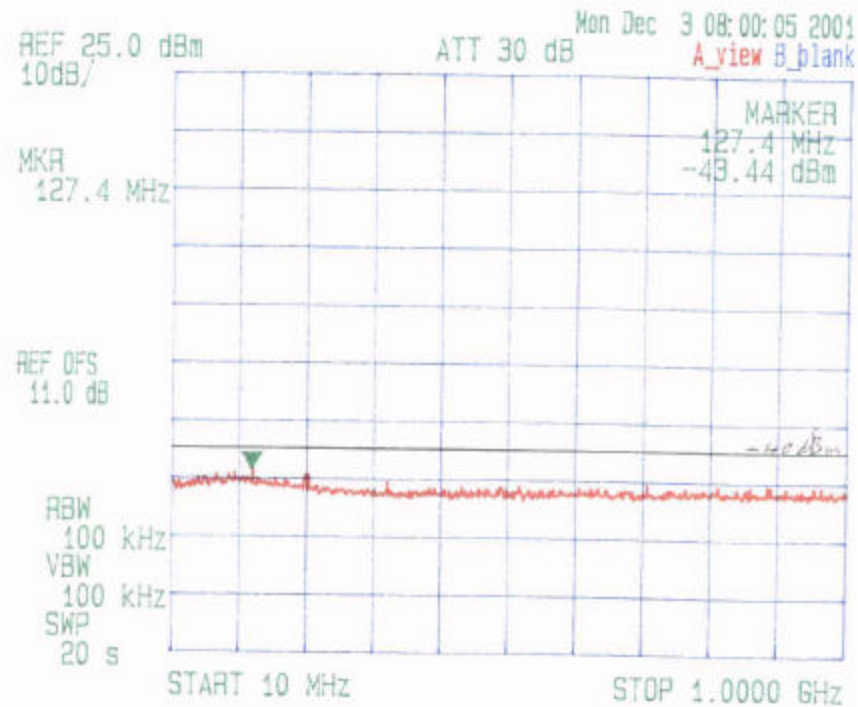


EXHIBIT 1 - PLOTS OF MEASUREMENTS

NXE1 Digital Radio, Model NXE1-20

TRANSMITTER CONDUCTED EMISSIONS AT THE ANTENNA PORT

PLOT # 21

FCC ID: CSU-NXE1-20



MOSELEY ASSOCIATES INC.
DIGITAL RADIO, MODEL: NXE1
Frequency: 1.641 GHz, Power Output: 1.3 W
Mod: 16 QAM modulation with random data @ 8448 Kbps
Emission Limits

Date: Dec. 03 2001
Tested by: Hung Trinh

PLOT # 21

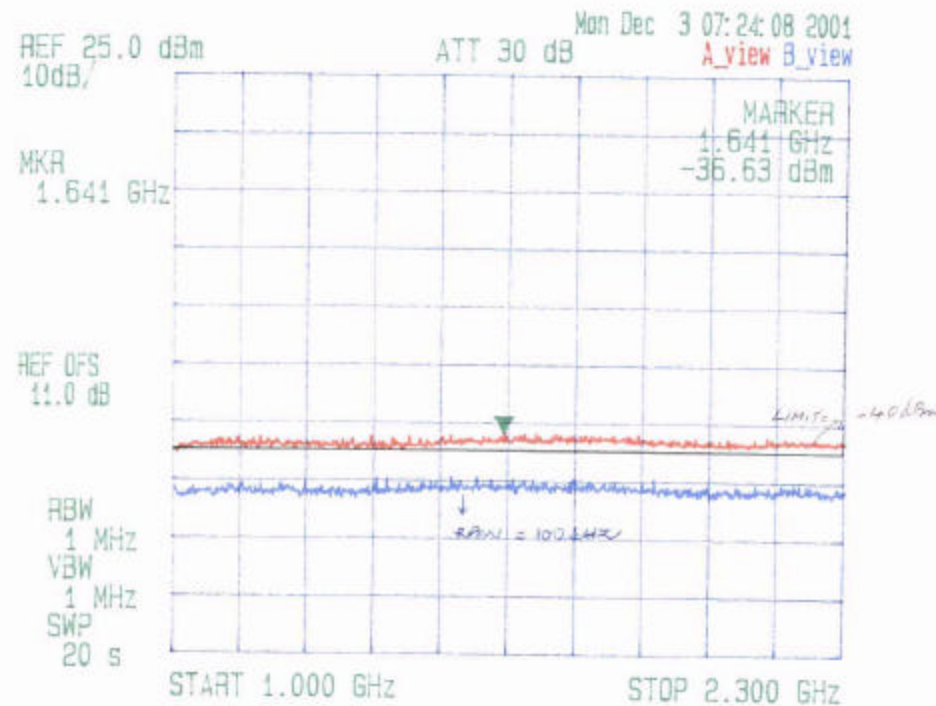


EXHIBIT 1 - PLOTS OF MEASUREMENTS

NXE1 Digital Radio, Model NXE1-20

TRANSMITTER CONDUCTED EMISSIONS AT THE ANTENNA PORT

PLOT # 22

FCC ID: CSU-NXE1-20



MOSELEY ASSOCIATES INC.
DIGITAL RADIO, MODEL: NXE1
Frequency: 23.319 MHz, Power Output: 1.3 W
Mod.: 16 QAM modulation with random data @ 8448 Kbps)
Emission Limits

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

PLOT # 22

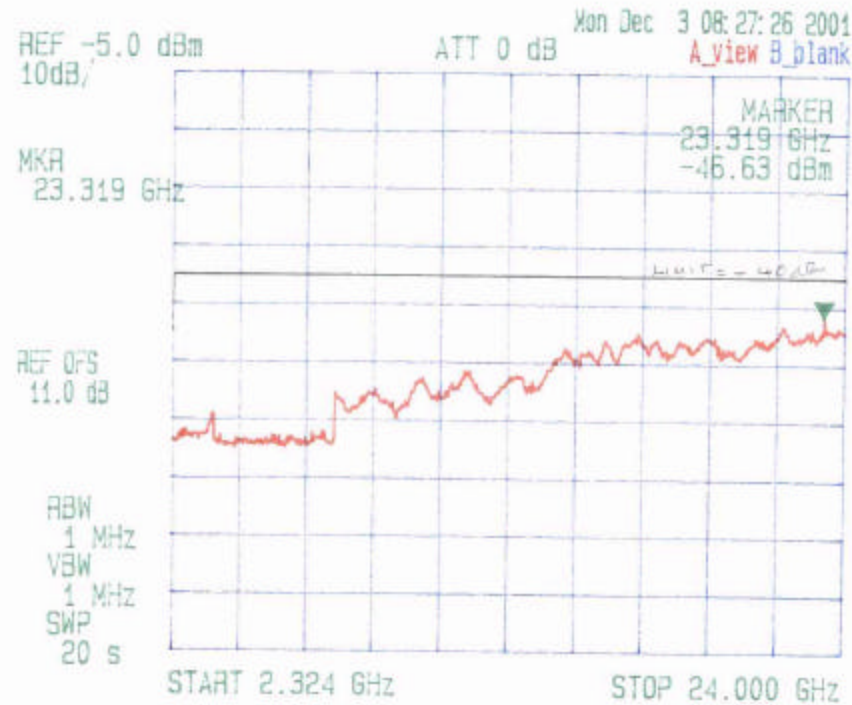


EXHIBIT 1 - PLOTS OF MEASUREMENTS

NXE1 Digital Radio, Model NXE1-20

TRANSMITTER CONDUCTED EMISSIONS AT THE ANTENNA PORT

PLOT # 23

FCC ID: CSU-NXE1-20

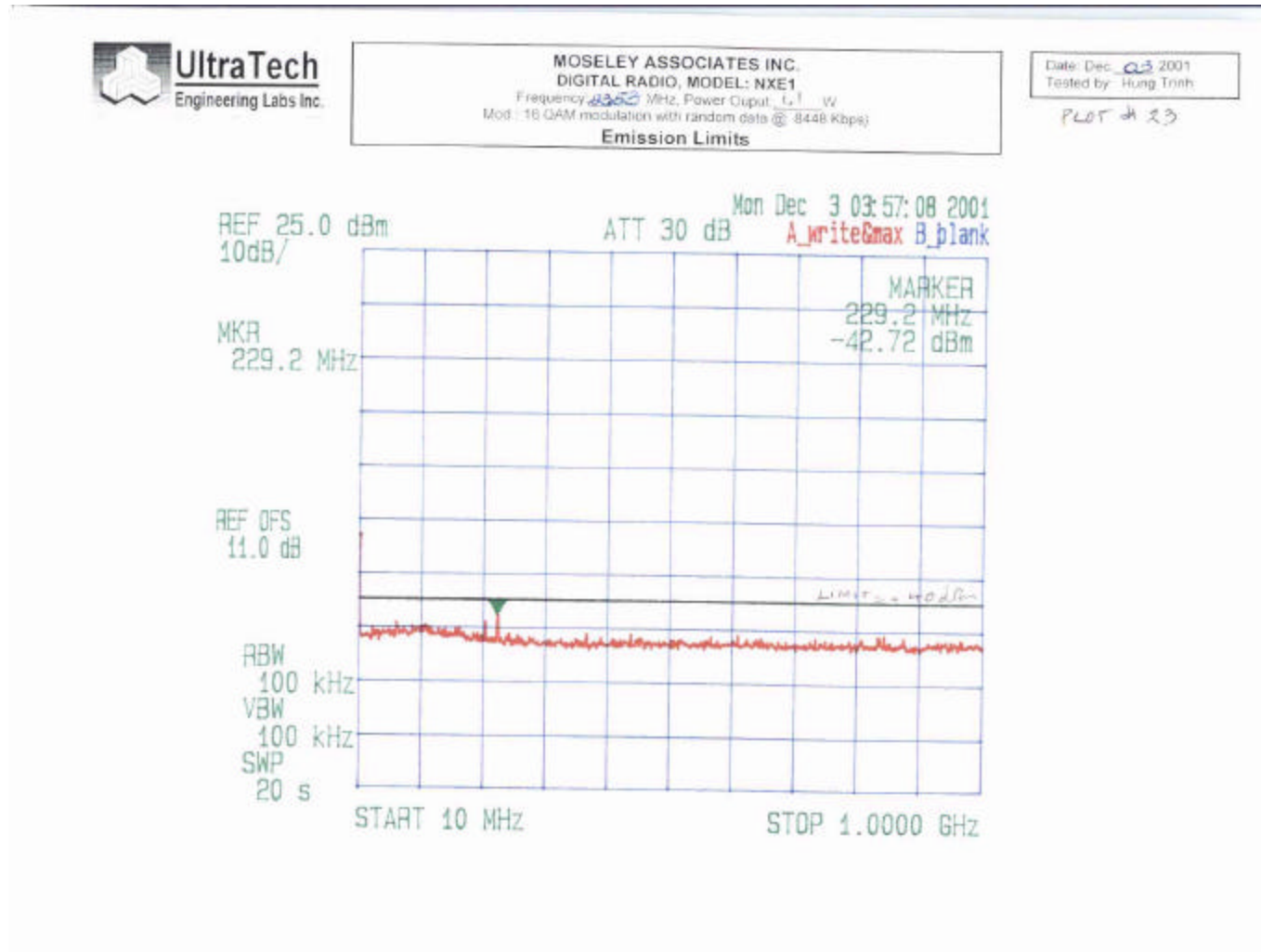


EXHIBIT 1 - PLOTS OF MEASUREMENTS

NXE1 Digital Radio, Model NXE1-20

TRANSMITTER CONDUCTED EMISSIONS AT THE ANTENNA PORT

PLOT # 24

FCC ID: CSU-NXE1-20



UltraTech
Engineering Labs Inc.

MOSELEY ASSOCIATES INC.

DIGITAL RADIO, MODEL: NXE1

Frequency: 23.53 MHz, Power Output: 1.1 W
Mod: 16 QAM modulation with random data @ 8448 Kbps)

Emission Limits

Date: Dec 03, 2001
Tested by: Hung Trinh

PLOT # 24

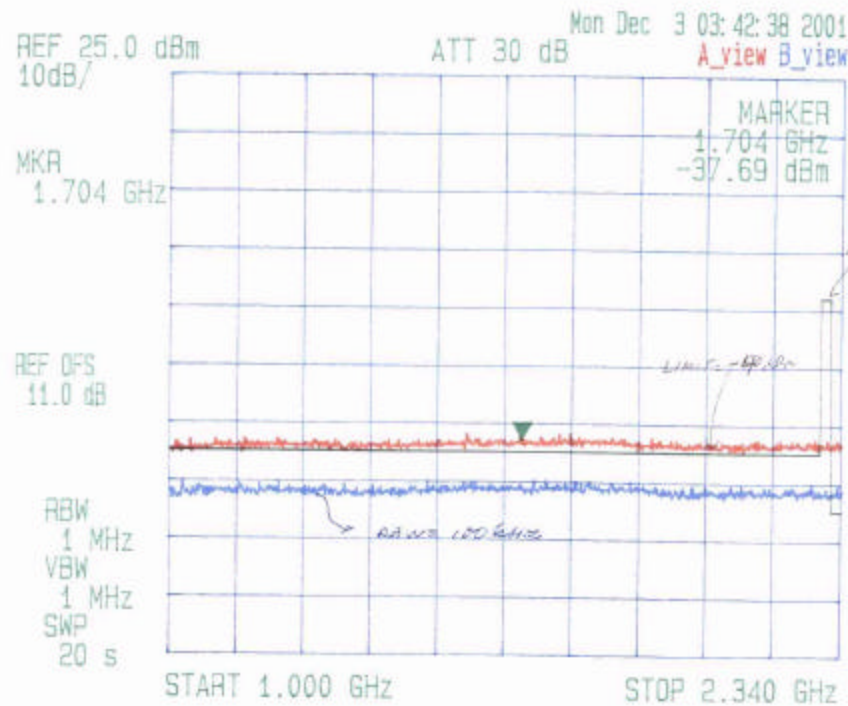


EXHIBIT 1 - PLOTS OF MEASUREMENTS

NXE1 Digital Radio, Model NXE1-20

TRANSMITTER CONDUCTED EMISSIONS AT THE ANTENNA PORT

PLOT # 25

FCC ID: CSU-NXE1-20



MOSELEY ASSOCIATES INC.
DIGITAL RADIO, MODEL: NXE1
Frequency 23.53 MHz, Power Output 1.1 W
Mod: 16 QAM modulation with random data @ 8448 Kbps
Emission Limits

Date: Dec 03 2001
Tested by: Hung Trinh

PLOT # 25

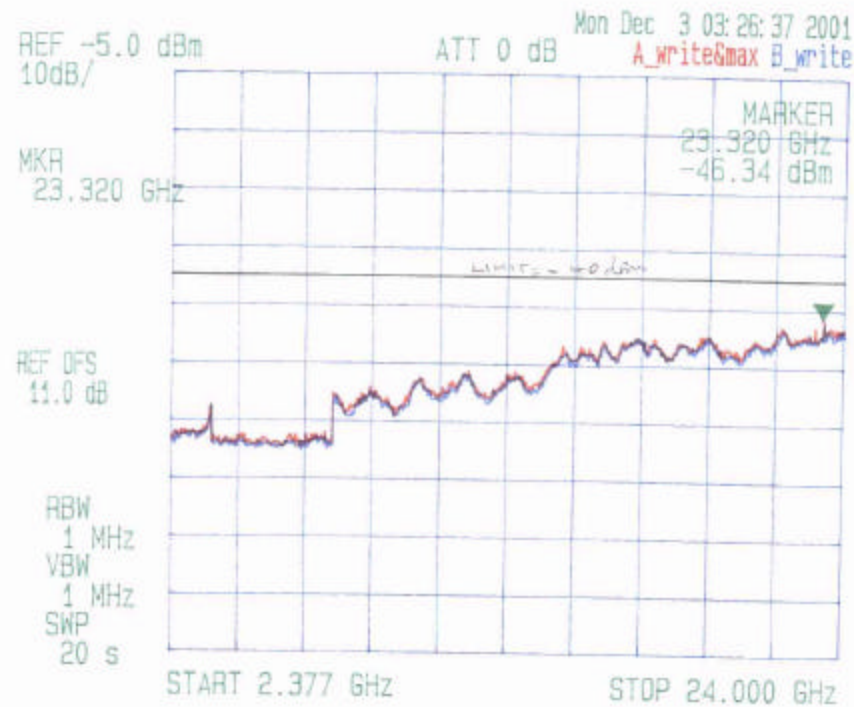


EXHIBIT 1 - PLOTS OF MEASUREMENTS

NXE1 Digital Radio, Model NXE1-20

TRANSMITTER CONDUCTED EMISSIONS AT THE ANTENNA PORT

PLOT # 26

FCC ID: CSU-NXE1-20



MOSELEY ASSOCIATES INC.
DIGITAL RADIO, MODEL: NXE1
Frequency: 23.5 MHz, Power Output: 1.0 W
Mod: 16 QAM modulation with random data @ 8448 Kbps)
Emission Limits

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

PLOT # 26

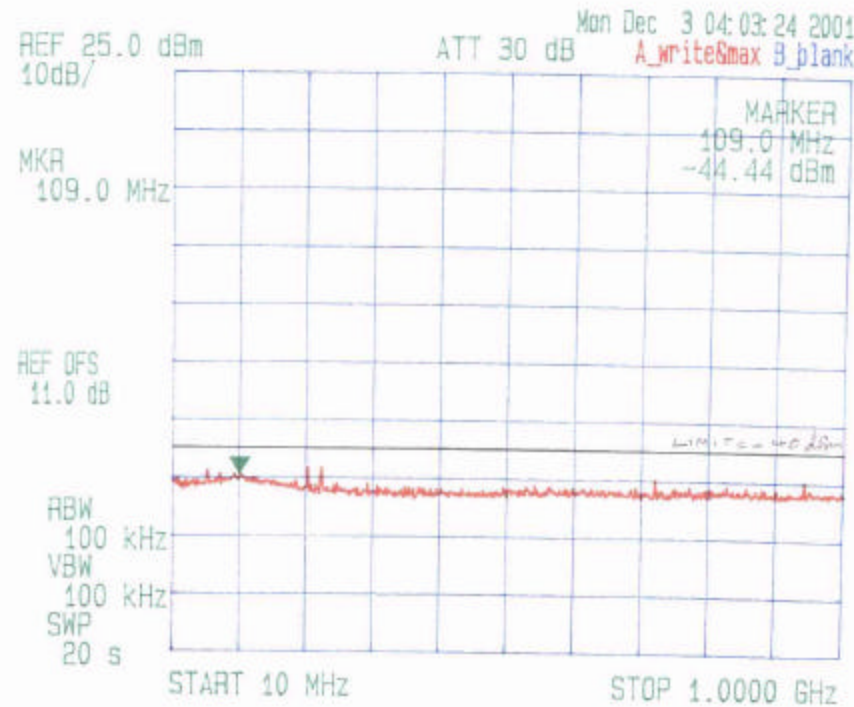


EXHIBIT 1 - PLOTS OF MEASUREMENTS

NXE1 Digital Radio, Model NXE1-20

TRANSMITTER CONDUCTED EMISSIONS AT THE ANTENNA PORT

PLOT # 27

FCC ID: CSU-NXE1-20



UltraTech
Engineering Labs Inc.

MOSELEY ASSOCIATES INC.
DIGITAL RADIO, MODEL: NXE1
Frequency: 1.838 MHz, Power Output: 1.0 W
Mod: 16 QAM modulation with random data @ 8448 Kbps
Emission Limits

Date: Dec 03, 2001
Tested by: Hung Trinh

Plot # 27

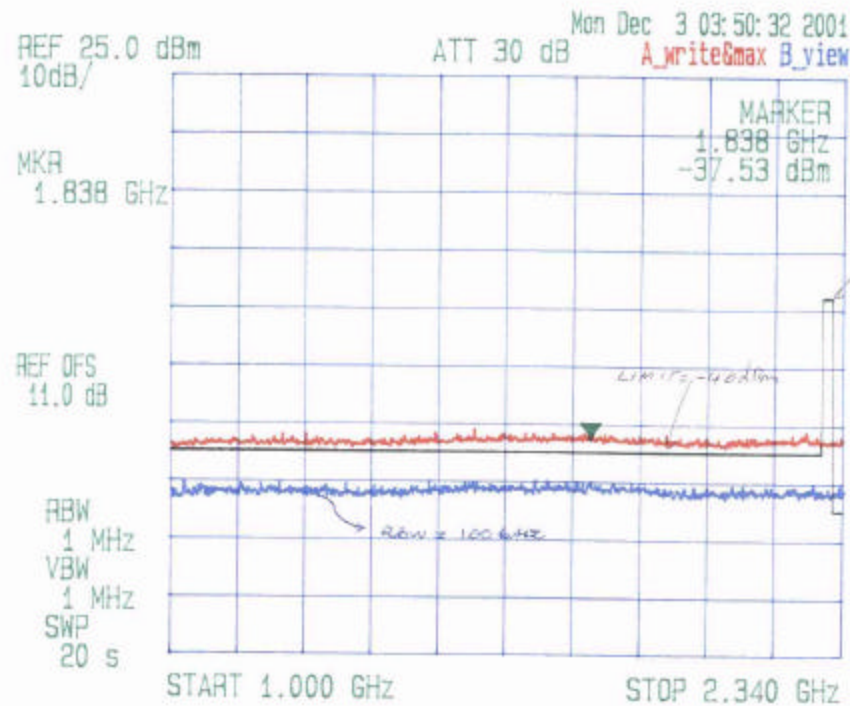


EXHIBIT 1 - PLOTS OF MEASUREMENTS

NXE1 Digital Radio, Model NXE1-20

TRANSMITTER CONDUCTED EMISSIONS AT THE ANTENNA PORT

PLOT # 28

FCC ID: CSU-NXE1-20

