

ANNEX 1 - PLOTS - Transmitter Band-Edge Radiated Emissions (Point to Multi-point)

AN-50 SYSTEM (5.735-5.815 GHz), Model AN50S

PLOT # 133

FCC ID: QC8-AN50S



UltraTech
Engineering Labs Inc.

REDLINE COMMUNICATIONS INC.

AN-50 SYSTEM

Channel: 1, Tx Frequency: 5735 MHz, Modulation: 64 QAM (54 Mb/s)

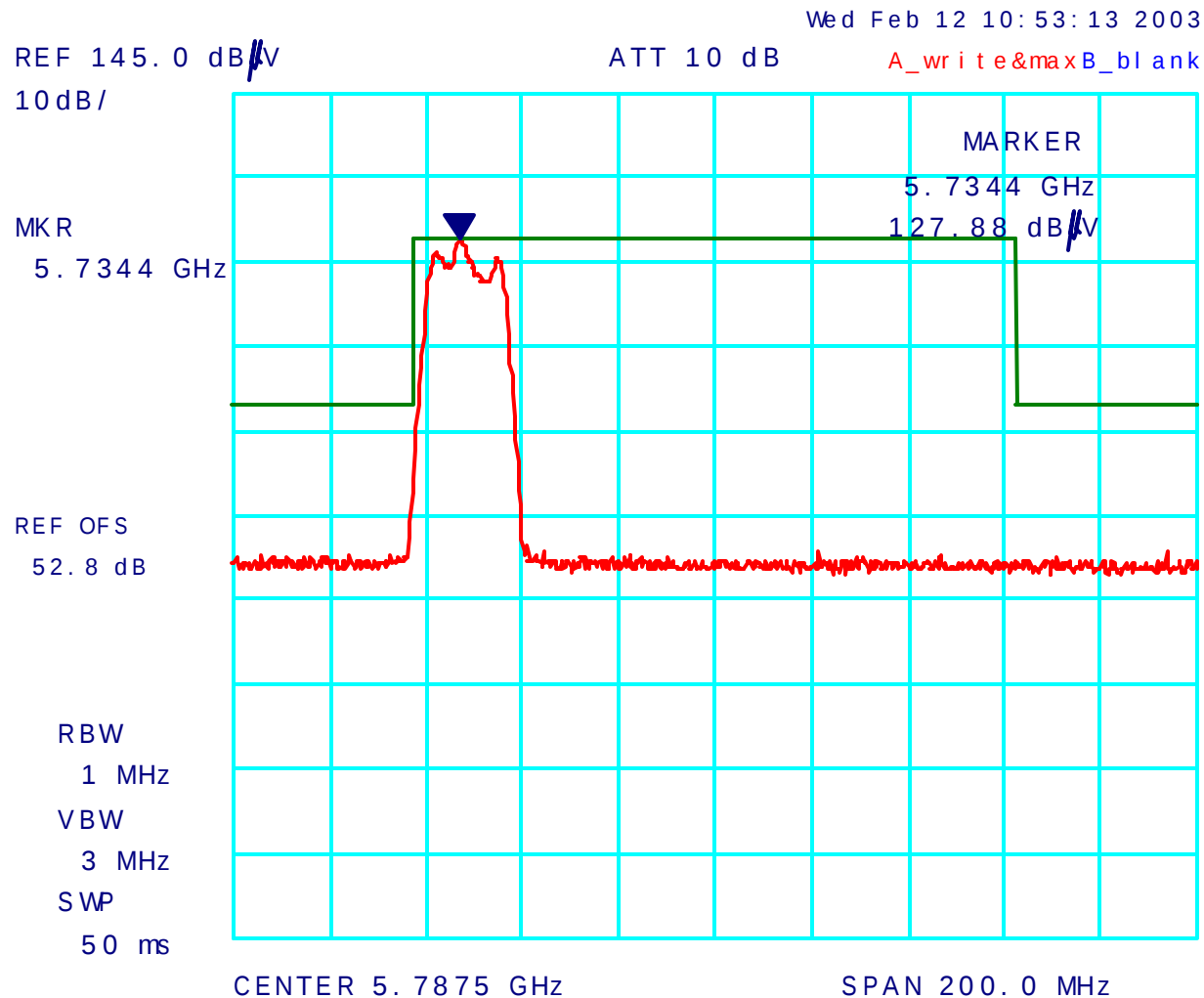
Antenna: Radiowaves, M/N: SP3-5GHz, S/N: 4673

RADIATED EMISSION @ 3 METERS

HORIZONTAL POLARIZATION

Date: February 12, 2003

Tested by: Hung Trinh



ANNEX 1 - PLOTS - Transmitter Band-Edge Radiated Emissions (Point to Multi-point)

AN-50 SYSTEM (5.735-5.815 GHz), Model AN50S

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AN-50 SYSTEM

Channel: 1, Tx Frequency: 5735 MHz, Modulation: 64 QAM (54 Mb/s)

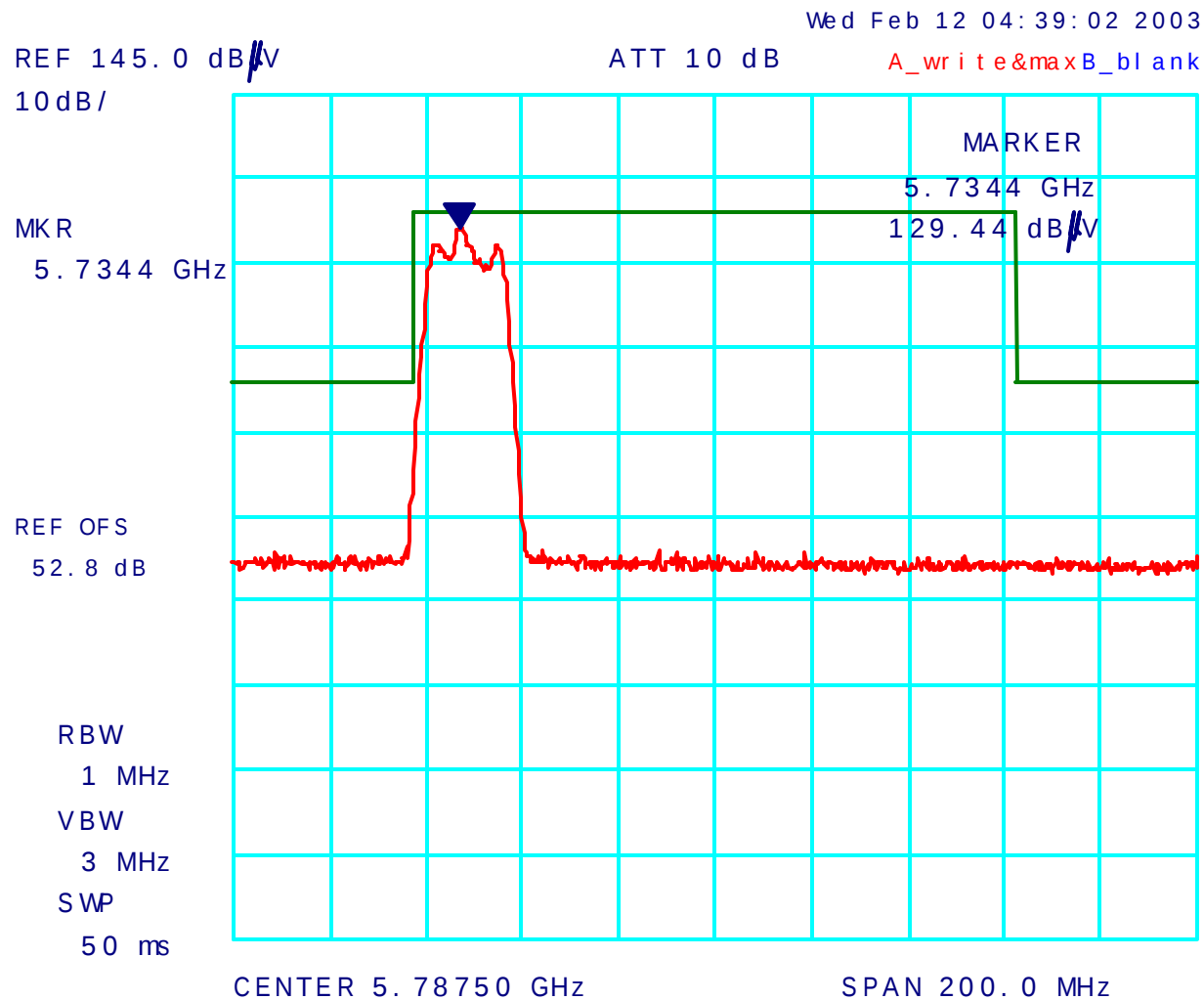
Antenna: Radiowaves, M/N: SP3-5GHz, S/N: 4673

RADIATED EMISSION @ 3 METERS

VERTICAL POLARIZATION

Date: February 12, 2003

Tested by: Hung Trinh



ANNEX 1 - PLOTS - Transmitter Band-Edge Radiated Emissions (Point to Multi-point)

AN-50 SYSTEM (5.735-5.815 GHz), Model AN50S

PLOT # 135

FCC ID: QC8-AN50S



REDLINE COMMUNICATIONS INC.

AN-50 SYSTEM

Channel: 3, Tx Frequency: 5775 MHz, Modulation: 64 QAM (54 Mb/s)

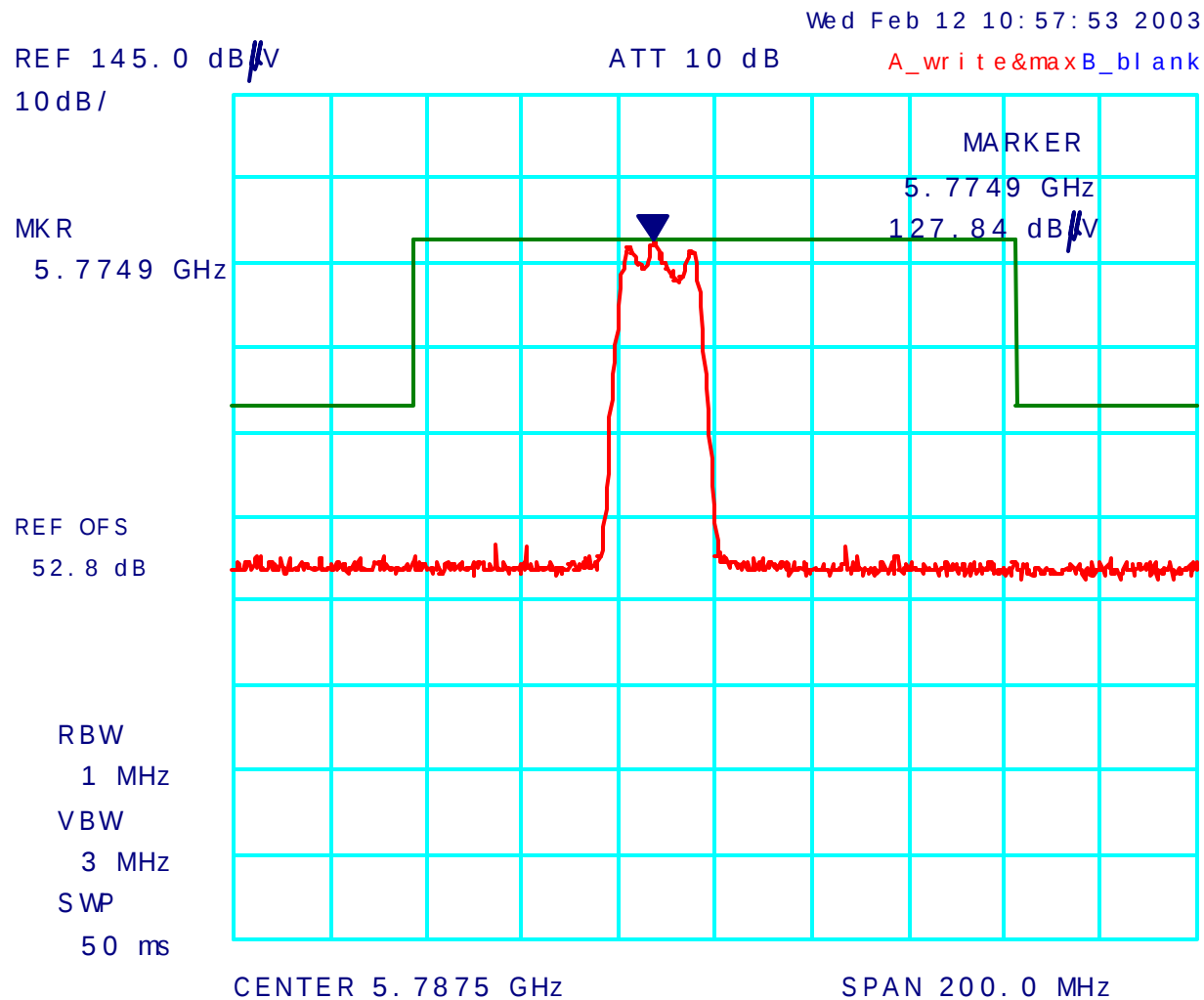
Antenna: Radiowaves, M/N: SP3-5GHz, S/N: 4673

RADIATED EMISSION @ 3 METERS

HORIZONTAL POLARIZATION

Date: February 12, 2003

Tested by: Hung Trinh



ANNEX 1 - PLOTS - Transmitter Band-Edge Radiated Emissions (Point to Multi-point)

AN-50 SYSTEM (5.735-5.815 GHz), Model AN50S

PLOT # 136

FCC ID: QC8-AN50S



REDLINE COMMUNICATIONS INC.

AN-50 SYSTEM

Channel: 3, Tx Frequency: 5775 MHz, Modulation: 64 QAM (54 Mb/s)

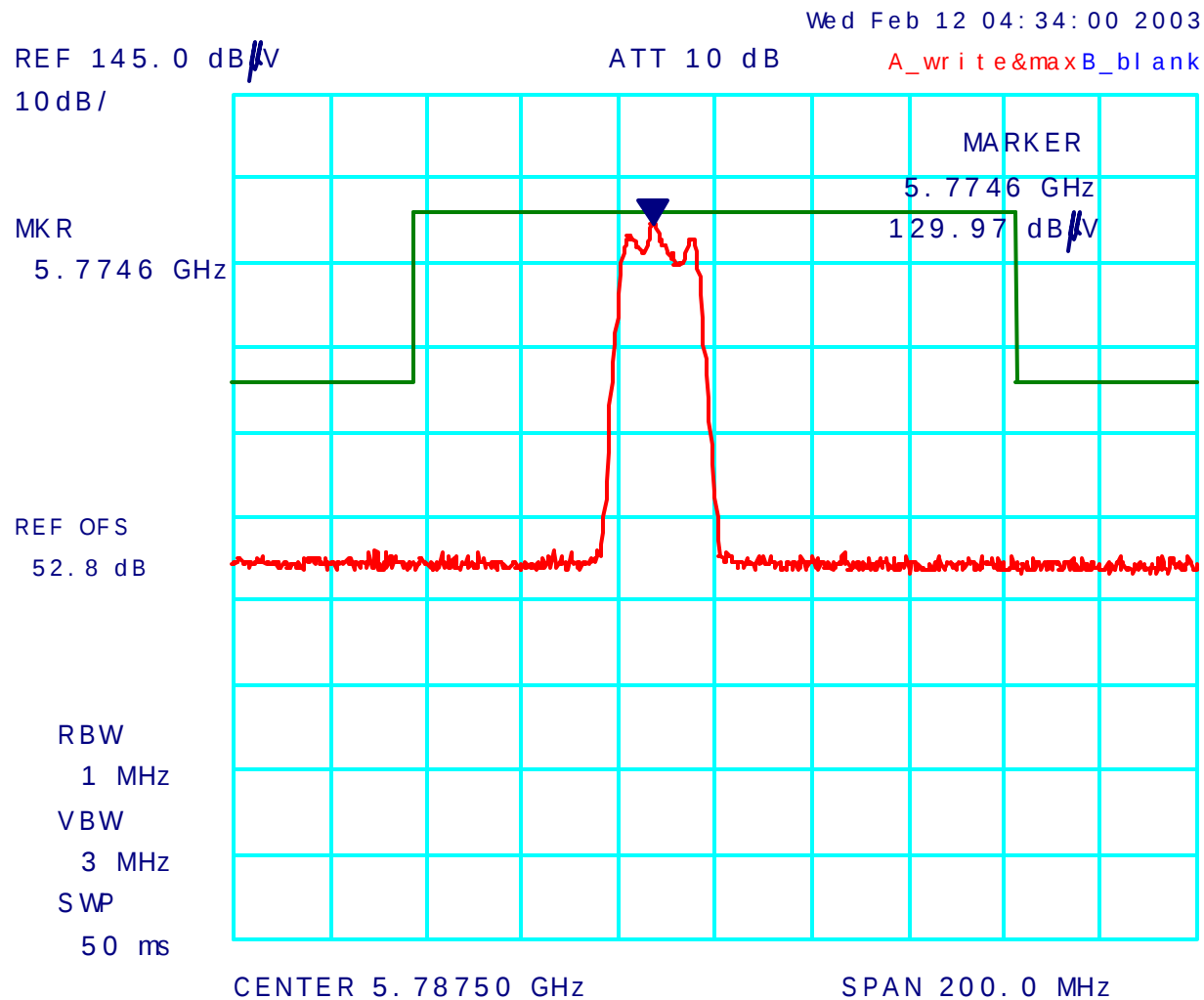
Antenna: Radiowaves, M/N: SP3-5GHz, S/N: 4673

RADIATED EMISSION @ 3 METERS

VERTICAL POLARIZATION

Date: February 12, 2003

Tested by: Hung Trinh



ANNEX 1 - PLOTS - Transmitter Band-Edge Radiated Emissions (Point to Multi-point)

AN-50 SYSTEM (5.735-5.815 GHz), Model AN50S

PLOT # 137

FCC ID: QC8-AN50S



REDLINE COMMUNICATIONS INC.

AN-50 SYSTEM

Channel: 4, Tx Frequency: 5795 MHz, Modulation: 64 QAM (54 Mb/s)

Antenna: Radiowaves, M/N: SP3-5GHz, S/N: 4673

RADIATED EMISSION @ 3 METERS

HORIZONTAL POLARIZATION

Date: February 12, 2003

Tested by: Hung Trinh

Wed Feb 12 11:01:26 2003

REF 145.0 dB μ V
10 dB/

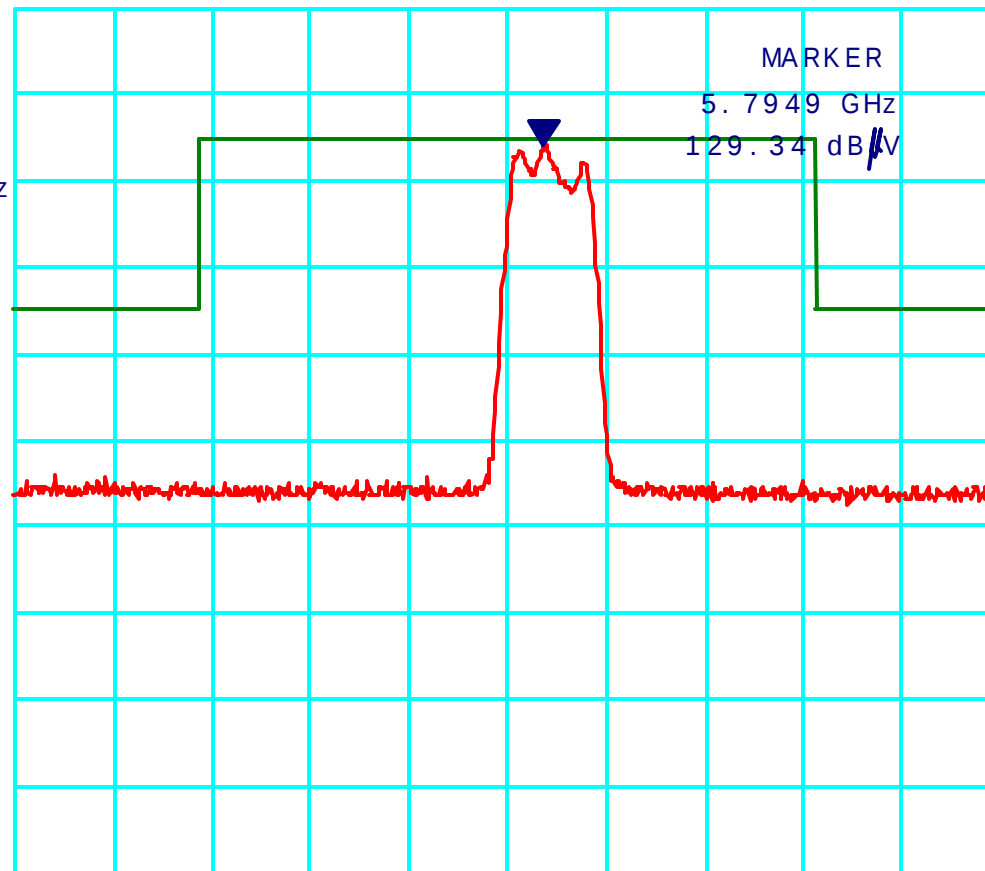
ATT 10 dB

A_write&maxB_blank

MKR
5.7949 GHz

REF OFS
52.8 dB

RBW
1 MHz
VBW
3 MHz
SWP
50 ms



CENTER 5.7875 GHz

SPAN 200.0 MHz

ANNEX 1 - PLOTS - Transmitter Band-Edge Radiated Emissions (Point to Multi-point)

AN-50 SYSTEM (5.735-5.815 GHz), Model AN50S

PLOT # 138

FCC ID: QC8-AN50S



REDLINE COMMUNICATIONS INC.

AN-50 SYSTEM

Channel: 4, Tx Frequency: 5795 MHz, Modulation: 64 QAM (54 Mb/s)

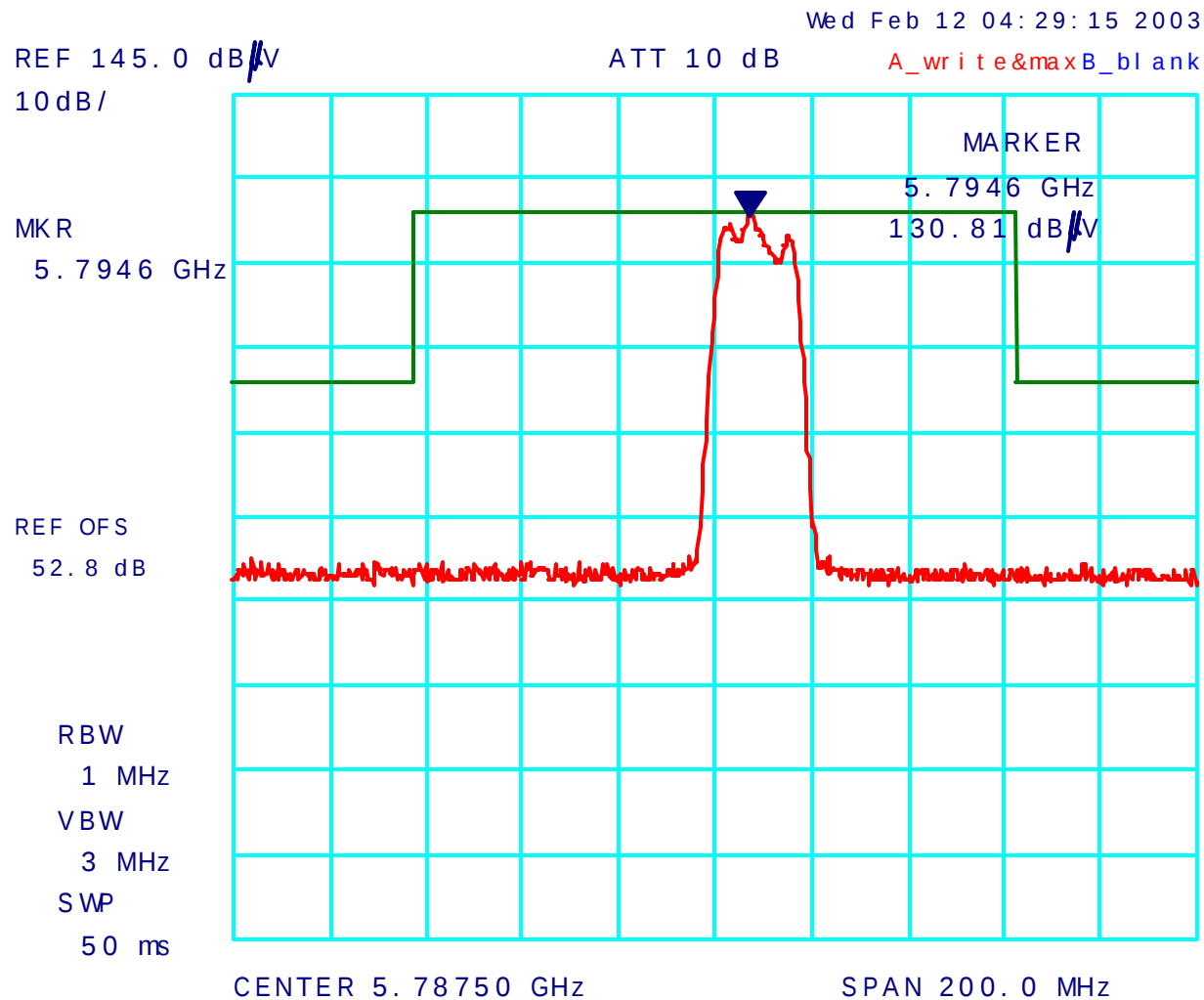
Antenna: Radiowaves, M/N: SP3-5GHz, S/N: 4673

RADIATED EMISSION @ 3 METERS

VERTICAL POLARIZATION

Date: February 12, 2003

Tested by: Hung Trinh



ANNEX 1 - PLOTS - Transmitter Band-Edge Radiated Emissions (Point to Multi-point)

AN-50 SYSTEM (5.735-5.815 GHz), Model AN50S

PLOT # 139

FCC ID: QC8-AN50S



REDLINE COMMUNICATIONS INC.

AN-50 SYSTEM

Channel: 5, Tx Frequency: 5815 MHz, Modulation: 64 QAM (54 Mb/s)

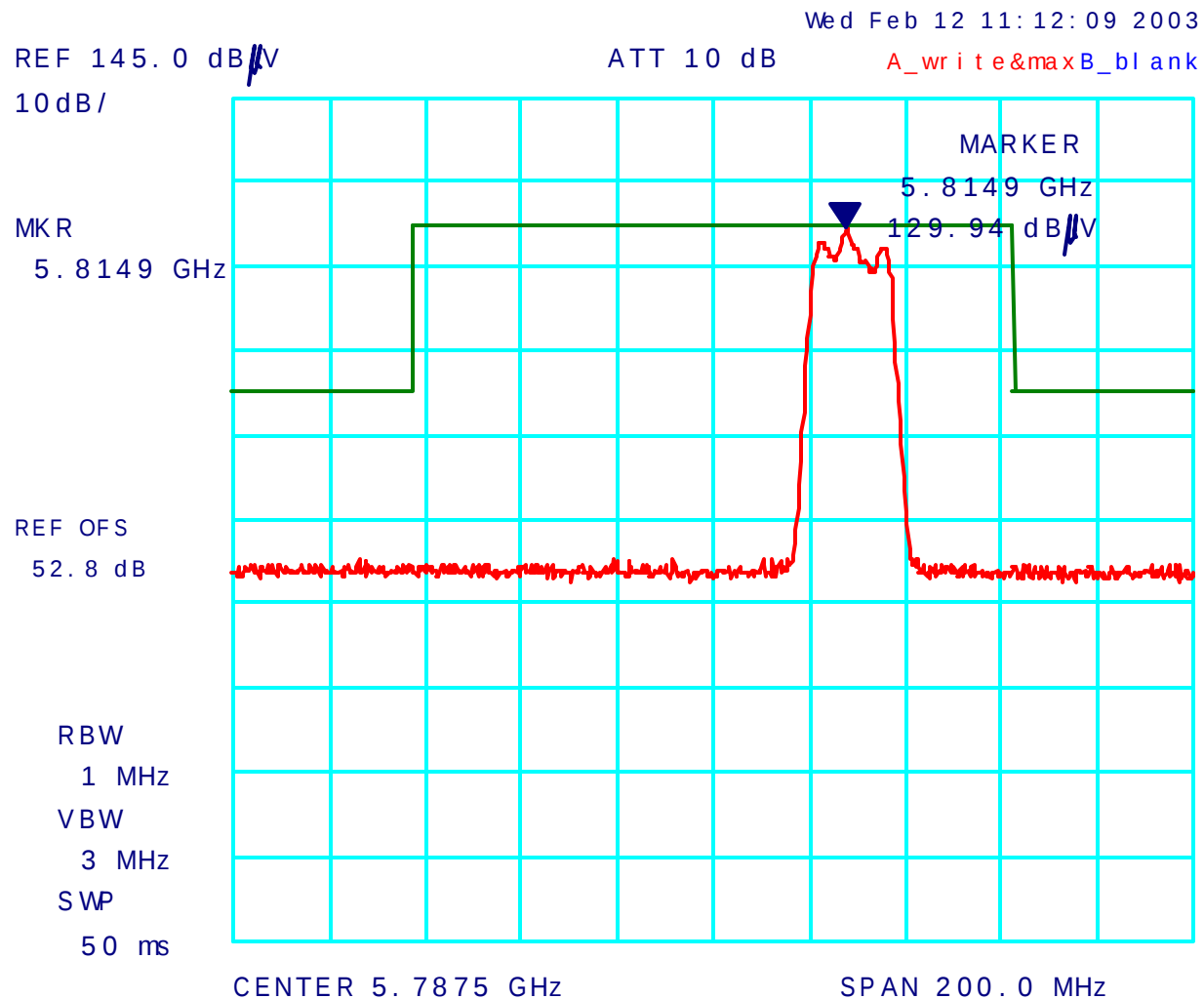
Antenna: Radiowaves, M/N: SP3-5GHz, S/N: 4673

RADIATED EMISSION @ 3 METERS

HORIZONTAL POLARIZATION

Date: February 12, 2003

Tested by: Hung Trinh



ANNEX 1 - PLOTS - Transmitter Band-Edge Radiated Emissions (Point to Multi-point)

AN-50 SYSTEM (5.735-5.815 GHz), Model AN50S

PLOT # 140

FCC ID: QC8-AN50S



REDLINE COMMUNICATIONS INC.

AN-50 SYSTEM

Channel: 5, Tx Frequency: 5815 MHz, Modulation: 64 QAM (54 Mb/s)

Antenna: Radiowaves, M/N: SP3-5GHz, S/N: 4673

RADIATED EMISSION @ 3 METERS

VERTICAL POLARIZATION

Date: February 12, 2003

Tested by: Hung Trinh

Wed Feb 12 04:22:10 2003

REF 145.0 dB μ V
10 dB/

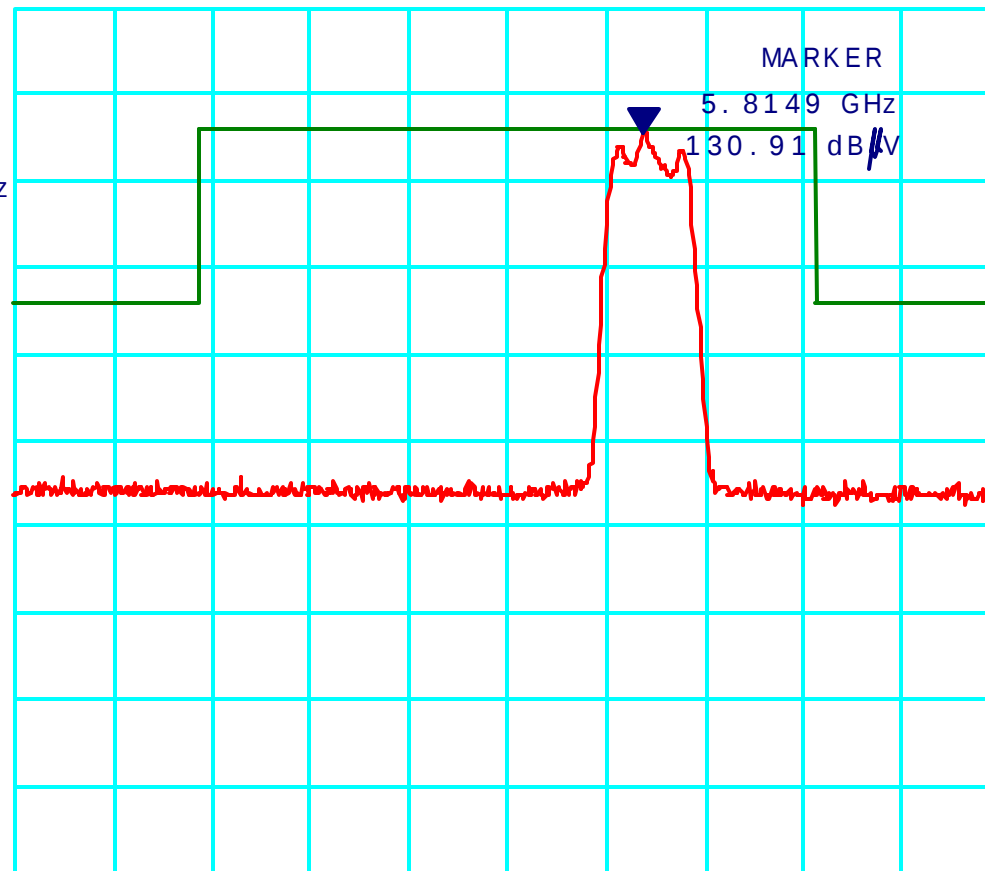
ATT 10 dB

A_write&maxB_blank

MKR
5.8149 GHz

REF OFS
52.8 dB

RBW
1 MHz
VBW
3 MHz
SWP
50 ms



CENTER 5.78750 GHz

SPAN 200.0 MHz