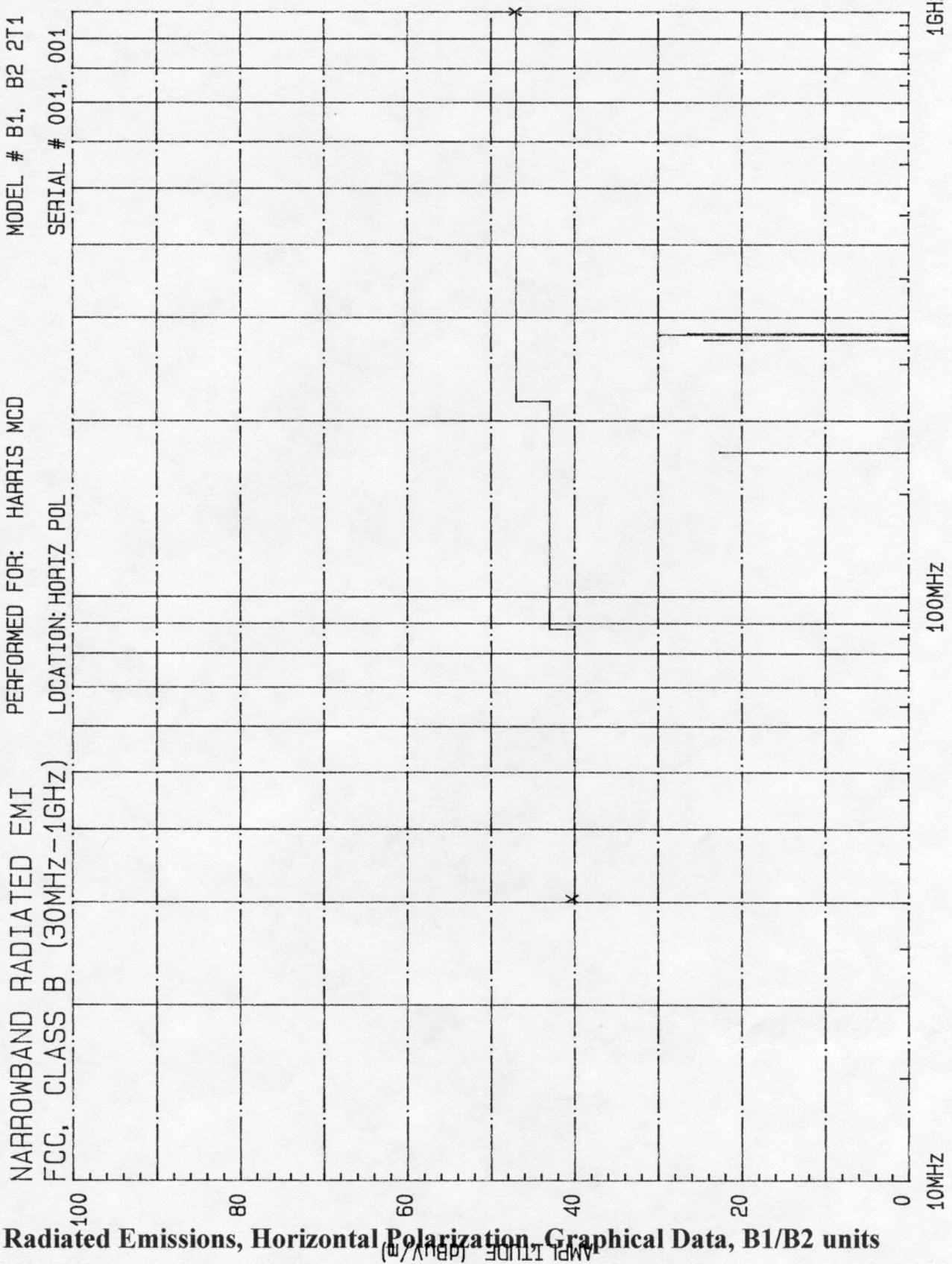


NARROWBAND RADIATED EMI
FCC, CLASS B (30MHz-1GHz)
MODEL # B1, B2 2T1
SERIAL # 001, 001
PERFORMED FOR: HARRIS MCD
LOCATION: HORIZ POL



Radiated Emissions, Horizontal Polarization, Graphical Data, B1/B2 units

EMCE ENGINEERING, INC.
44370 S. GRIMMER BLVD
FREMONT, CA 94538

FCC ID: BCK9GKAUR5802T1-1
DATE: 7/26/00
FILE:
Date: 15 February 2000
Page: Page 52 of 59

PERFORMED FOR: HARRIS MCD
TEST SPECIMEN: 5.8 GHZ SPREAD SPECTRUM RADIO

MODEL NUMBER: B1, B2 2T1
SERIAL NUMBER: 001, 001

LOCATION: HORIZ POL

FINAL FCC-B, RADIATED RESULTS:

	Analyzer Reading dBuV	CF dB	Correct Reading dBuV/m	Spec Limit dBuV/m	margin dB	Ht cm	Angle Deg
176.26	33.7	-11.1	22 64	43.00	20.36	174	52
274.25	32.3	-7.8	24 47	43.00	18.53	150	360
281.54	33.9	-7.5	26 38	43.00	16.62	150	360
279.84	37.4	-7.6	29 81	47.00	17.19	150	360

NONE OUT OF SPECIFICATION

COMMENTS: Test Dist = 3.0 m. QP detector ON.

SAMPLE CALCULATION:

At 279.84 MHz

Analyzer Reading = 37.40 dBuV

Correction Factor, CF, = AF 15.15 dB + Cable 4.27 dB

-Preamp Gain 27.00 dB = -7.59 dB

CORRECTED READING = 29.81 dBuV/m

VERIFIED BY

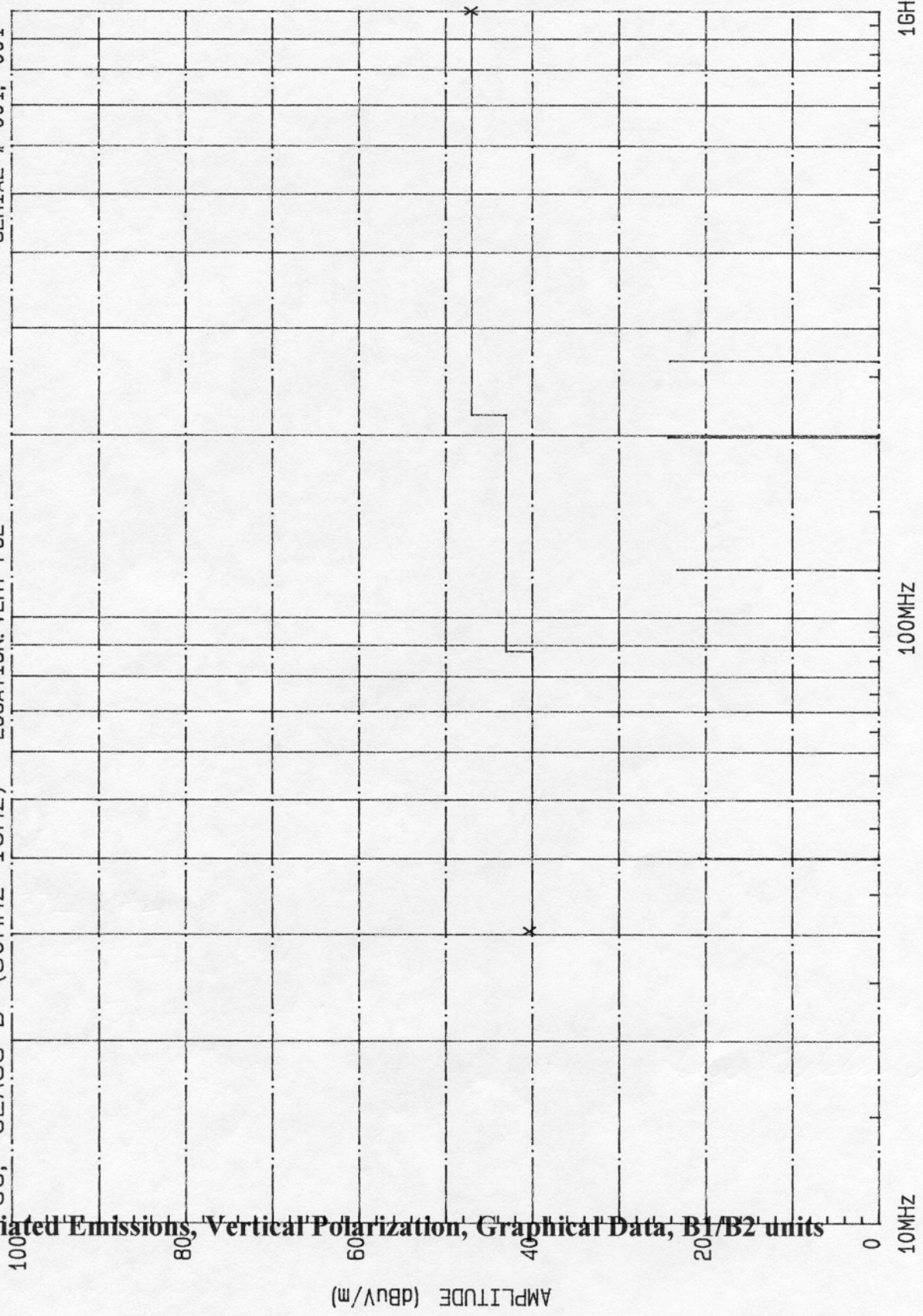


MODEL # B1, B2 2T1
SERIAL # 001, 001

PERFORMED FOR: HARRIS MCD
LOCATION: VERT POL

NARROWBAND RADIATED EMI
FCC, CLASS B (30MHZ-1GHZ)

Radiated Emissions, Vertical Polarization, Graphical Data, B1/B2 units



FREQUENCY (NOTE: Test Dist=3.0 m)

EMCE ENGINEERING, INC.
44370 S. GRIMMER BLVD
FREMONT, CA 94538

FCC ID: BCK0GKAUR5802T1-1
DATE: 2/12/00
FILE:
Date: 15 February 2000
Page: Page 50 of 59

PERFORMED FOR: HARRIS MCD
TEST SPECIMEN: 5.8 GHZ SPREAD SPECTRUM RADIO

MODEL NUMBER: B1, B2 2T1
SERIAL NUMBER: 001, 001

LOCATION: VERT POL

FINAL FCC-B, RADIATED RESULTS:

Freq MHz	Analyzer Reading dBuV	CF dB	Correct Reading dBuV/m	Spec Limit dBuV/m	margin dB	Ht cm	Angle Deg
40.03	36.3	-15.4	20.85	40.00	19.15	185	360
120.04	34.9	-11.6	23.29	43.00	19.71	150	258
198.58	34.6	-10.3	24.29	43.00	18.71	150	360
264.95	32.3	-8.2	24.07	47.00	22.93	158	96

NONE OUT OF SPECIFICATION

COMMENTS: Test Dist = 3.0 m. QP detector ON.

SAMPLE CALCULATION:

At 264.95 MHz

Analyzer Reading = 32.30 dBuV

Correction Factor, CF, = AF 14.61 dB + Cable 4.16 dB

-Preamp Gain 27.00 dB = -8.23 dB

CORRECTED READING = 24.07 dBuV/m

TX₁ = 5772 MHz

TX₂ = 5834 MHz

*Units were DC powered. ∴
No Conducted data.*

VERIFIED BY

Don Pullard

MODEL # A1, A2 2T1

PERFORMED FOR: HARRIS MCD

NARROWBAND RADIATED EMI

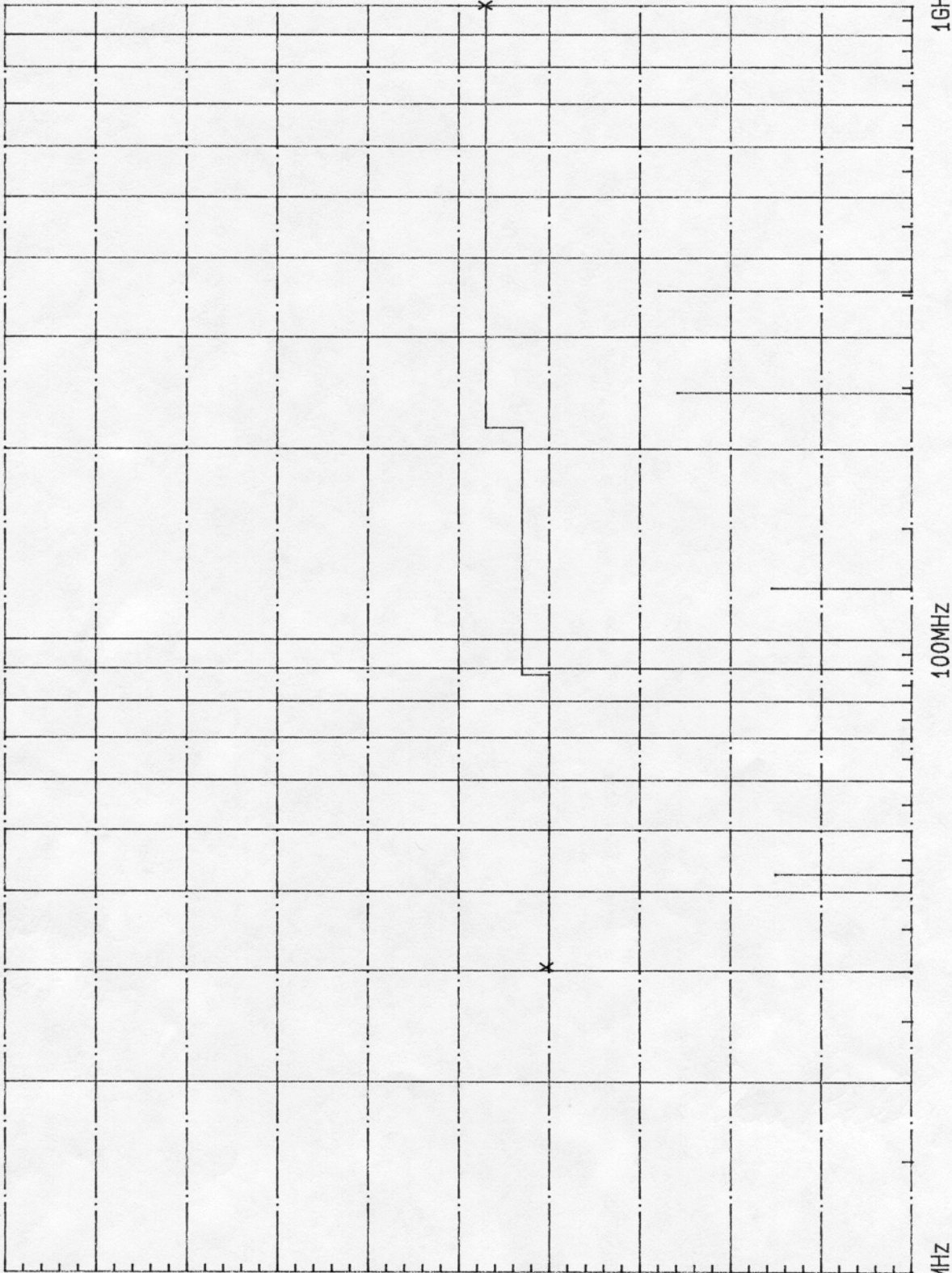
FCC, CLASS B (30MHz-1GHz)

LOCATION: HORIZ POL

SERIAL # 001, 001

Radiated Emissions, Horizontal Polarization, Graphical Data, A1/A2 units

AMPLITUDE (dBuV/m)



100MHz

1GHz

FREQUENCY (NOTE: Test Dist=3.0 m)

EMCE ENGINEERING, INC.
44370 S. GRIMMER BLVD
FREMONT, CA 94538

FCC ID: BCK9GKAUR5802T1-1
DATE: 02/15/2000
FILE: 15 February 2000
Page: Page 48 of 59

PERFORMED FOR: HARRIS MCD
TEST SPECIMEN: 5.8 GHZ SPREAD SPECTRUM RADIO

MODEL NUMBER: A1, A2 2T1
SERIAL NUMBER: 001, 001

LOCATION: HORIZ POL

FINAL FCC-B, RADIATED RESULTS:

Freq MHz	Analyzer Reading dBuV	CF dB	Correct Reading dBuV/m	Spec Limit dBuV/m	margin dB	Ht cm	Angle Deg
42.51	30.4	-15.3	15.07	40.00	24.93	175	325
120.53	27.1	-11.6	15.48	43.00	27.52	150	360
244.98	35.0	-9.2	25.85	47.00	21.15	174	52
354.76	32.7	-4.8	27.90	47.00	19.10	150	360

NONE OUT OF SPECIFICATION

COMMENTS: Test Dist = 3.0 m. QP detector ON.

SAMPLE CALCULATION:

At 354.76 MHz

Analyzer Reading = 32.70 dBuV

Correction Factor, CF, = AF 17.48 dB + Cable 4.72 dB

-Preamp Gain 27.00 dB = -4.80 dB

CORRECTED READING = 27.90 dBuV/m

$TX_1 = 5741 \text{ MHz}$

$TX_2 = 5803 \text{ MHz}$

VERIFIED BY

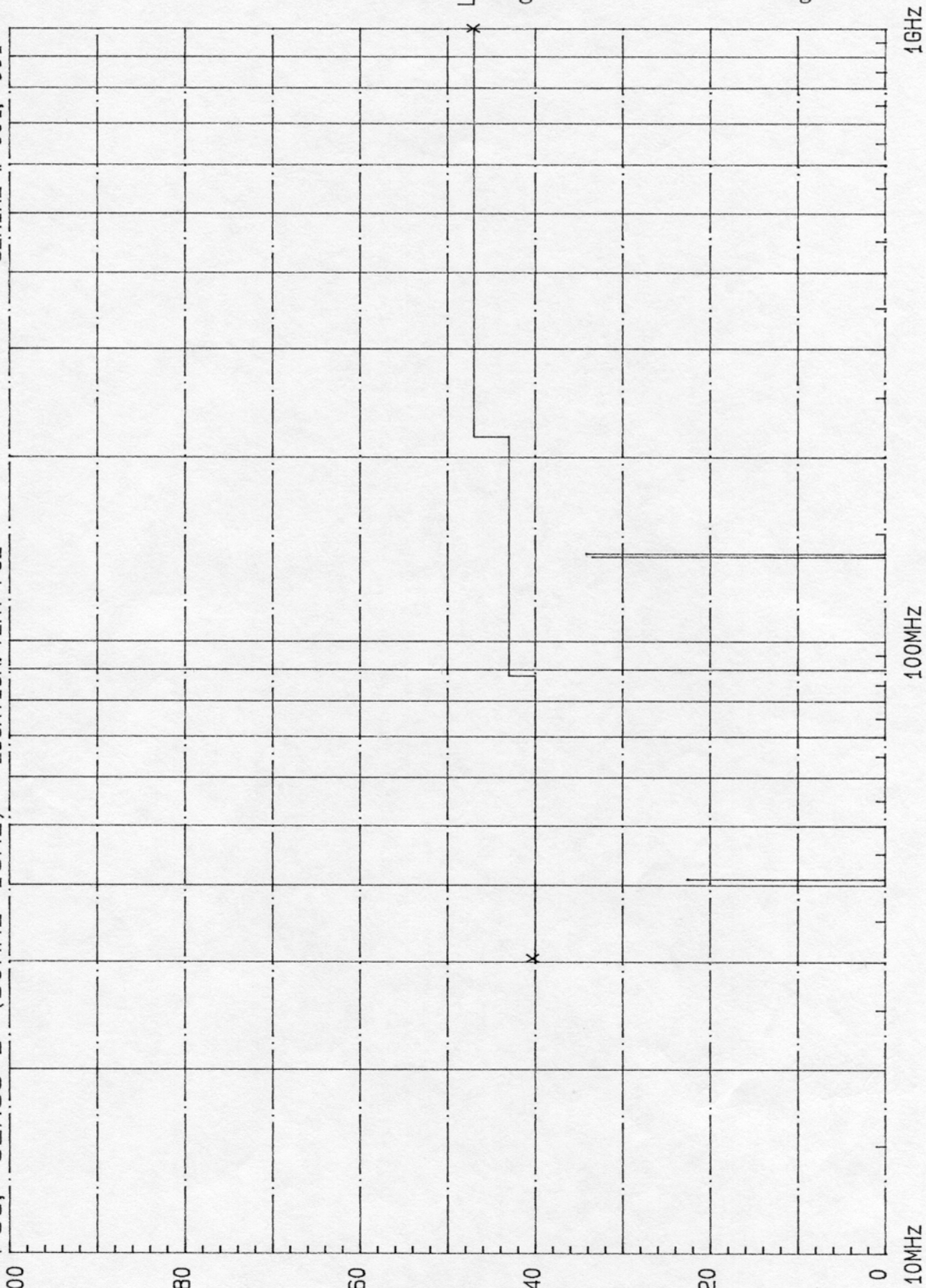
Don Ballard

MODEL # A1, A2 2T1
SERIAL # 001, 001

PERFORMED FOR: HARRIS MCD
LOCATION: VERT POL

NARROWBAND RADIATED EMI
FCC, CLASS B (30MHz-1GHz)

FREQUENCY (NOTE: Test Dist=3.0 m)



Radiated Emissions, Vertical Polarization, Graphical Data, A1/A2 units

EMCE ENGINEERING, INC.
44370 S. GRIMMER BLVD
FREMONT, CA 94538

FCC ID: BCK9GKAUR5802T1-1
DATE: 2/12/00
FILE:
Date: 15 February 2000
Page: Page 46 of 59

PERFORMED FOR: HARRIS MCD
TEST SPECIMEN: 5.8 GHZ SPREAD SPECTRUM RADIO

MODEL NUMBER: A1, A2 2T1
SERIAL NUMBER: 001, 001

LOCATION: VERT POL

FINAL FCC-B, RADIATED RESULTS:

	Analyzer Reading dBuV	CF dB	Correct Reading dBuV/m	Spec Limit dBuV/m	margin dB	Ht cm	Angle Deg
40.80	38.0	-15.4	22.59	40.00	17.41	175	360
137.44	45.4	-11.9	33.48	43.00	9.52	175	180
138.98	46.1	-11.9	34.16	43.00	8.84	150	180

NONE OUT OF SPECIFICATION

COMMENTS: Test Dist = 3.0 m. QP detector ON.

SAMPLE CALCULATION:

At 138.98 MHz

Analyzer Reading = 46.10 dBuV

Correction Factor, CF, = AF 12.13 dB + Cable 2.93 dB

-Preamp Gain 27.00 dB = -11.94 dB

CORRECTED READING = 34.16 dBuV/m

VERIFIED BY *Don Bullard*