

Date: 12 February 2000

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

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

MODEL NUMBER: A1, A2
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
126.63	33.2	-11.7	21.47	43.00	21.53	157	85
179.41	33.8	-11.4	22.41	43.00	20.59	150	360
189.21	33.3	-11.1	22.17	43.00	20.83	150	360
298.52	32.4	-6.8	25.57	43.00	17.43	150	360
351.04	32.3	-4.9	27.38	47.00	19.62	150	360

NONE OUT OF SPECIFICATION

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

SAMPLE CALCULATION:

At 351.04 MHz

Analyzer Reading = 32.30 dBuV

Correction Factor, CF, = AF 17.38 dB + Cable 4.70 dB

-Preamp Gain 27.00 dB = -4.92 dB

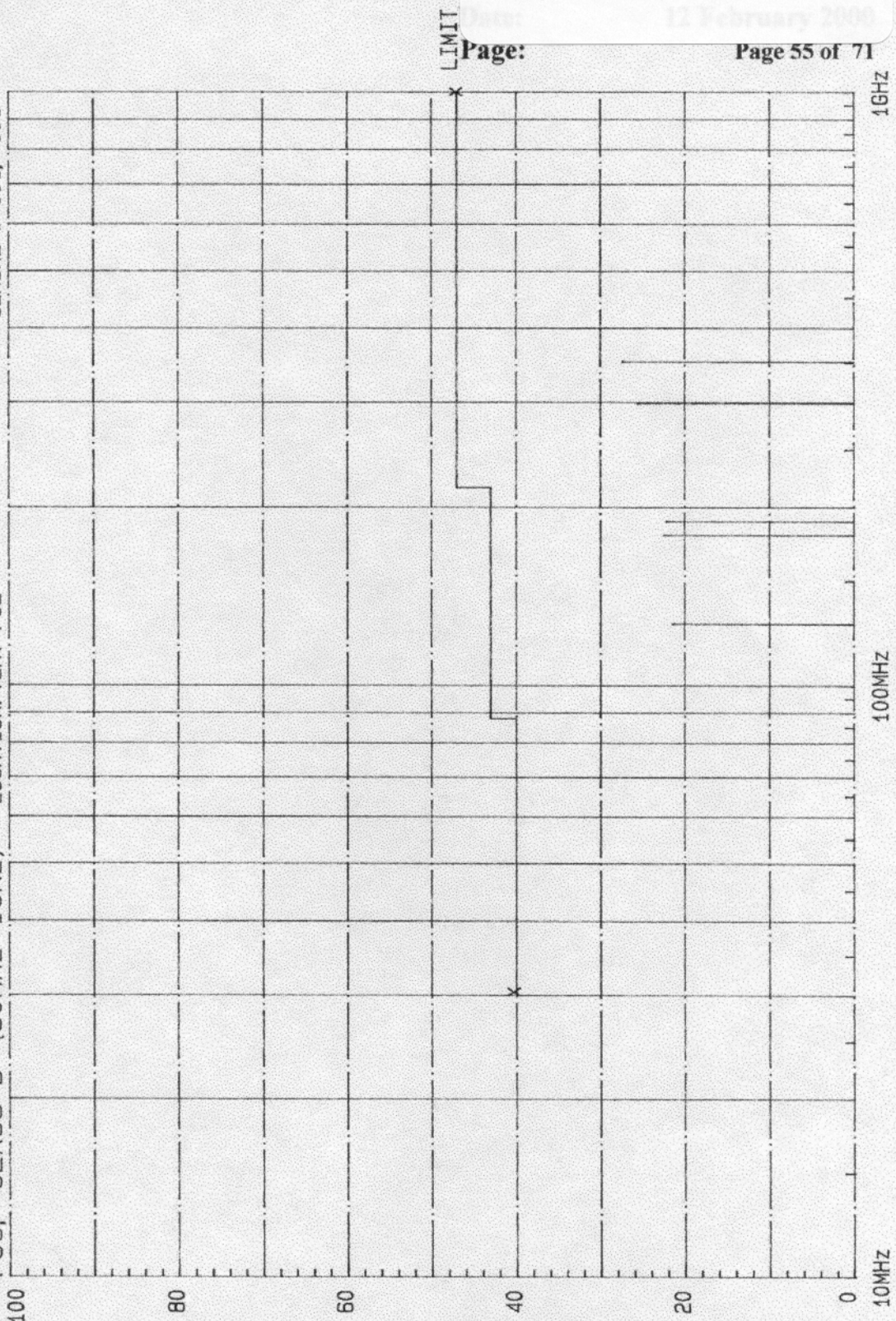
CORRECTED READING = 27.38 dBuV/m

VERIFIED BY

Don Zellard

NARROWBAND RADIATED EMI
FCC, CLASS B (30MHz-1GHz)
PERFORMED FOR: HARRIS MCD
MODEL # A1, A2
LOCATION: VERT POL
SERIAL # 001, 001

Radiated Emissions, Vertical Polarization Graphical Data, A1/A2 Radio.



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

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

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

LOCATION: HORIZ

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
40.02	34.5	-18.4	19.05	40.00	20.95	159	325
80.29	30.9	-16.4	14.52	40.00	25.48	156	325
179.43	35.1	-11.4	23.71	43.00	19.29	150	360
186.52	33.9	-11.4	22.53	43.00	20.47	150	360
290.12	30.7	-7.2	23.54	47.00	23.46	150	360
550.92	23.3	0.4	23.68	47.00	23.32	150	325

NONE OUT OF SPECIFICATION

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

SAMPLE CALCULATION:

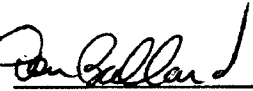
At 550.92 MHz

Analyzer Reading = 23.30 dBuV

Correction Factor, CF, = AF 21.82 dB + Cable 5.56 dB

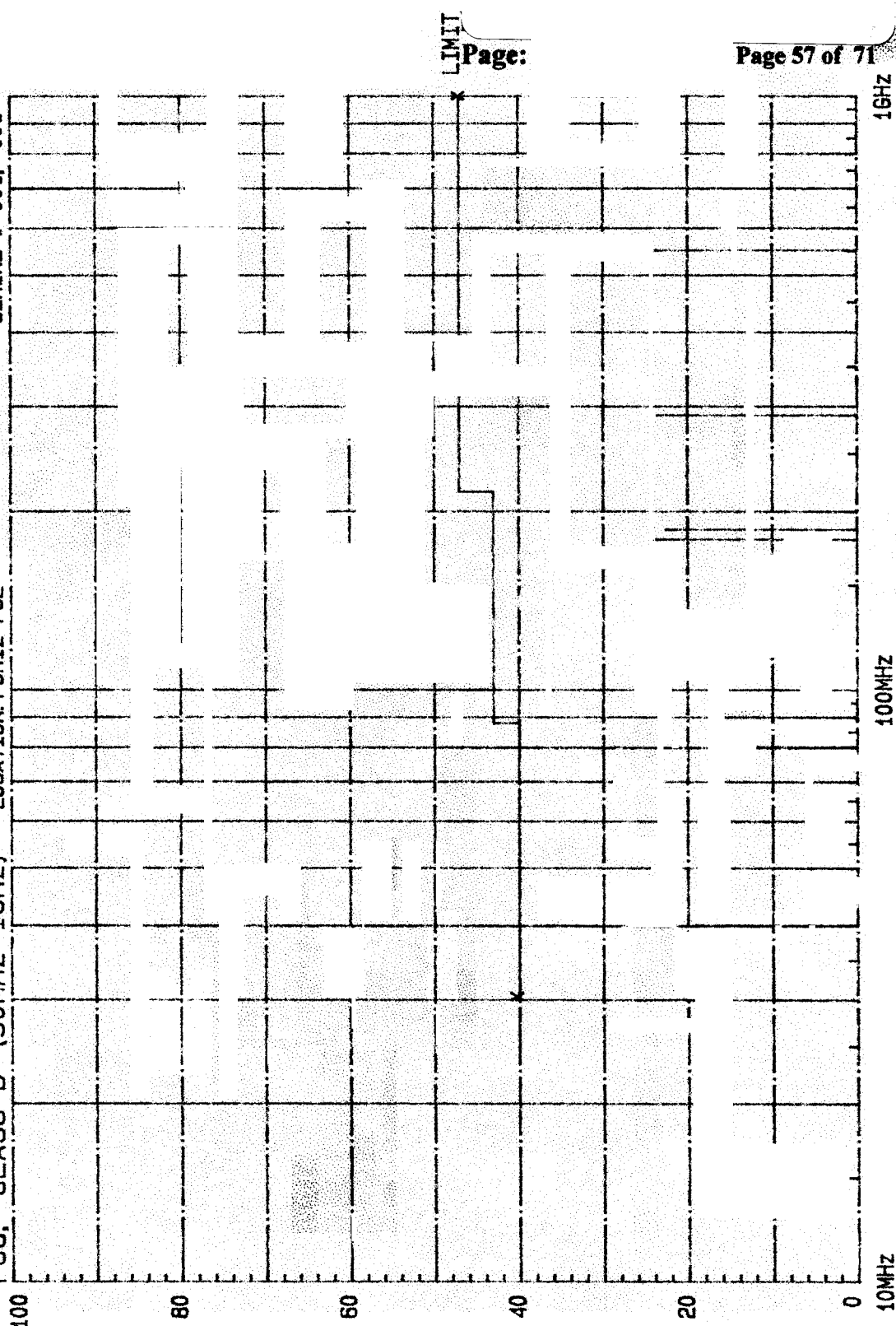
-Preamp Gain 27.00 dB = 0.38 dB

CORRECTED READING = 23.68 dBuV/m

VERIFIED BY 

EMCE ENGINEERING INC. 44370 S. GRIMMER BLVD, FREMONT, CA 94538 DATE: 2/12/00

NARROWBAND RADIATED EMI
FCC, CLASS B (30MHz-1GHz)
PERFORMED FOR: HARRIS MCD
LOCATION: HORIZ POL
MODEL # A1, A2
SERIAL # 001, 001



Radiated Emissions, Horizontal Polarization, Graphical Data, A1/A2 Radio.

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

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

MODEL NUMBER: B1, B2 1T1
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
39.85	36.3	-15.5	20.84	40.00	19.16	150	360
190.21	33.0	-11.0	21.96	43.00	21.04	150	360
279.95	34.7	-7.6	27.12	47.00	19.88	150	258

NONE OUT OF SPECIFICATION

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

SAMPLE CALCULATION:

At 279.95 MHz

Analyzer Reading = 34.70 dBuV

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

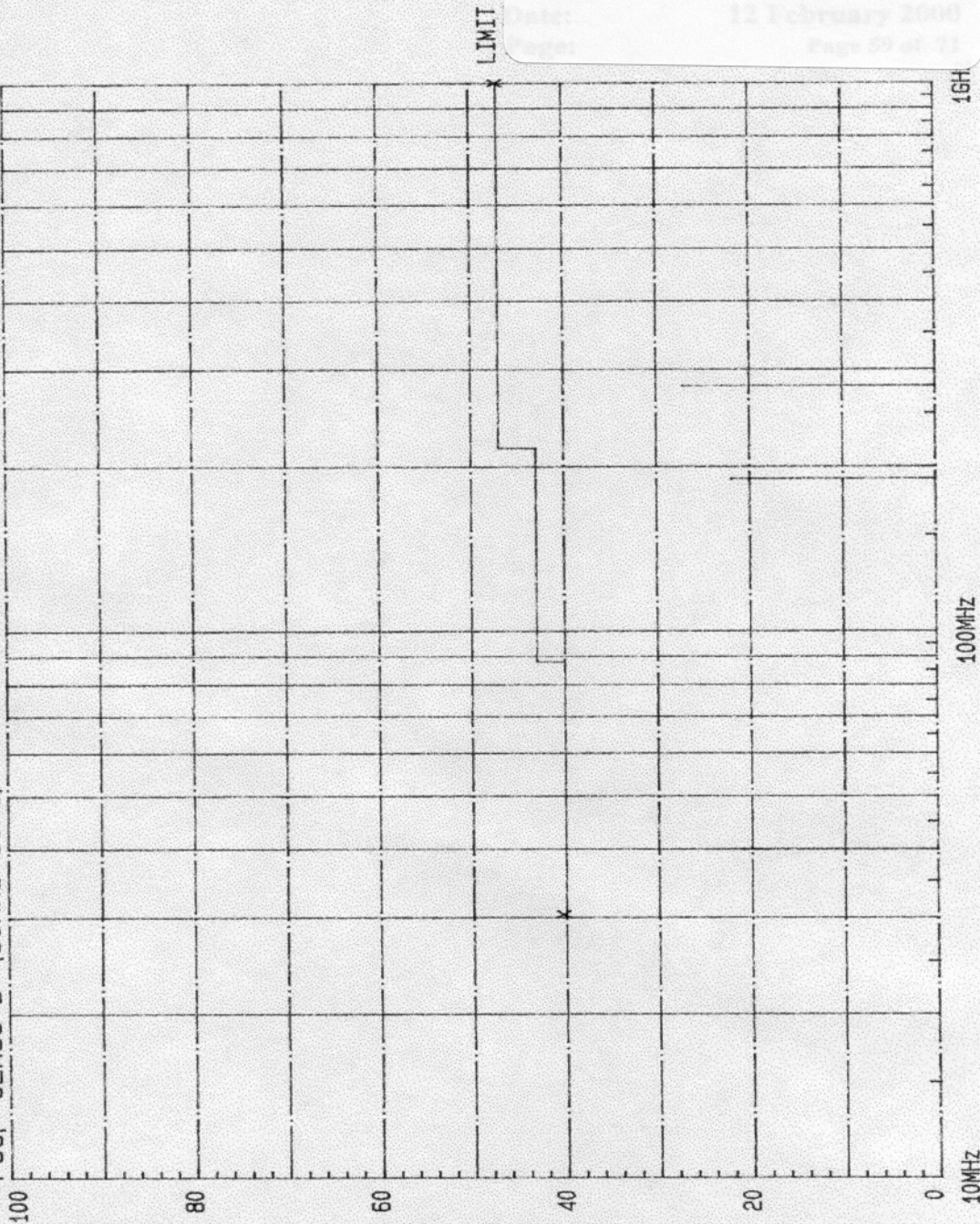
-Preamp Gain 27.00 dB = -7.58 dB

CORRECTED READING = 27.12 dBuV/m

VERIFIED BY

Don Bullard

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



Radiated Emissions, Vertical Polarization, Graphical Data, B1/B2 Radio.