

3.0 BUMP (SHOCK)

The total number of pages in
this subsection is 6

TEST DATA

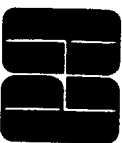
ENVIRONMENT
ASSOCIATES

DATE STARTED 7-10-03	CUSTOMER MICROWAVE MONOLITHICS	TECHNICIAN (SIGNATURE) <i>R. Smith</i>
DATA COMPLETED 7-10-03	SPECIMEN DESCRIPTION PERSONAL LOCATOR BEACON	ENGINEER (SIGNATURE) <i>Martin R. Barton</i>
TEMPERATURE (LABORATORY) 75°F	TYPE OF TEST SHOCK (BUMP)	ENGINEER
HUMIDITY (LABORATORY) 50%	TEST SPECIFICATION RTCM PAPER 76-2002/SCI10-STD	PARAGRAPH NUMBER A4.0
SPECIMEN NUMBER MBT 040600 S/N 263 MBT 040600 TYPE GP S/N 264		JOB NUMBER 23283-0714447

1340	Begin setup and calibration of computer shock system.
	1 Control accelerometer @ 100Mv/g
	Pulse type: 1/2 SINE Duration: 16 Msec. Level: 98m/s ²
	No. of pulses/Direction: (4000;
	Total No. of pulses: (ONE DIR. ONLY)
	Monitoring equipment set up by: N/A
	Fixture used prop. of: E.A. I.D.# CLAMP
	E.A. Slip-plate no.: 3X3 Head expander no.: N/A
	Fixture mounted in the Y-axis:
	SAMPLES MOUNTED IN Y AXIS -
	setup complete.
1342	BEGAN PULSES @ 98m/s ² , 16msec.
1434	COMPLETED 4000 PULSES.
	CHANGED SAMPLES TO X AXIS:
1438	BEGAN PULSES.
1530	COMPLETED 4000 PULSES.
	CHANGED TO Z:
1533	BEGAN PULSES.
16	COMPLETED 4000 PULSES.
	TEST COMPLETE - NO VISIBLE DAMAGE NOTED.
	SAMPLES DID NOT ACTUATE DURING BUMP TEST.
	POST TEST: OPERATION O.K.

TEST DATA

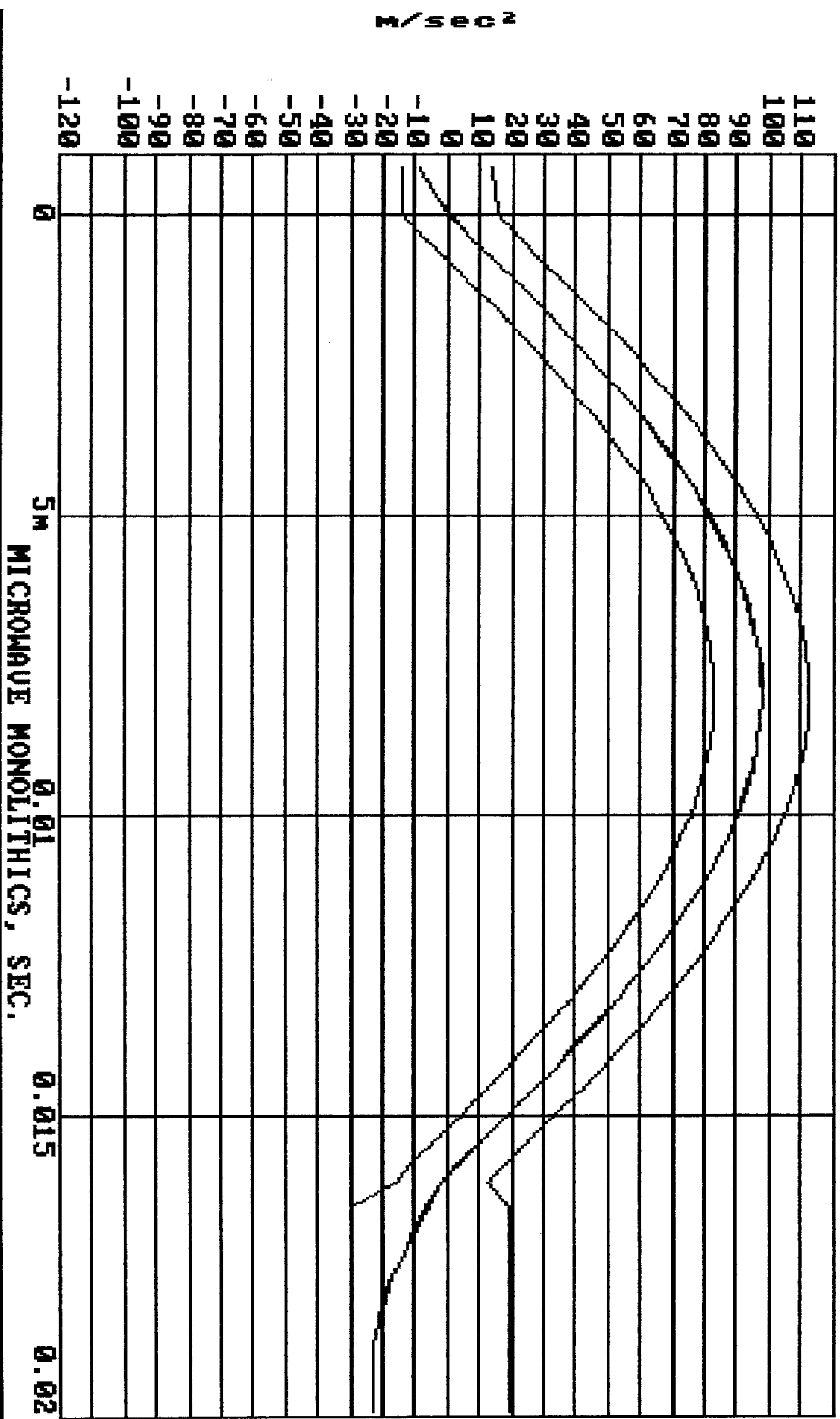
NOTED					
SPECIMEN NUMBER	DATE	AXIS	PULSE DURATION	LEVEL	REMARKS
263, 264	7-10	Y	16 Milliseconds	98 m/s ²	COMPLETED 4000 PULSES
↓	↓	X	↓	↓	4000 ↓
		Z			4000



Y AXIS BUMP TEST COMPLETED 4000 PULSES E. A. JOB NO.
PLB: MBT 040600 S/N 263 23283-071447
MBT 040600 TYPE GP S/N 264 RTCM PAPER 76-2002/SC110-STD

CTL

Max= 97.849





X AXIS BUMP TEST

COMPLETED 4000 PULSES

E. A. JOB NO.

PLB: MBT 040600 S/N 263

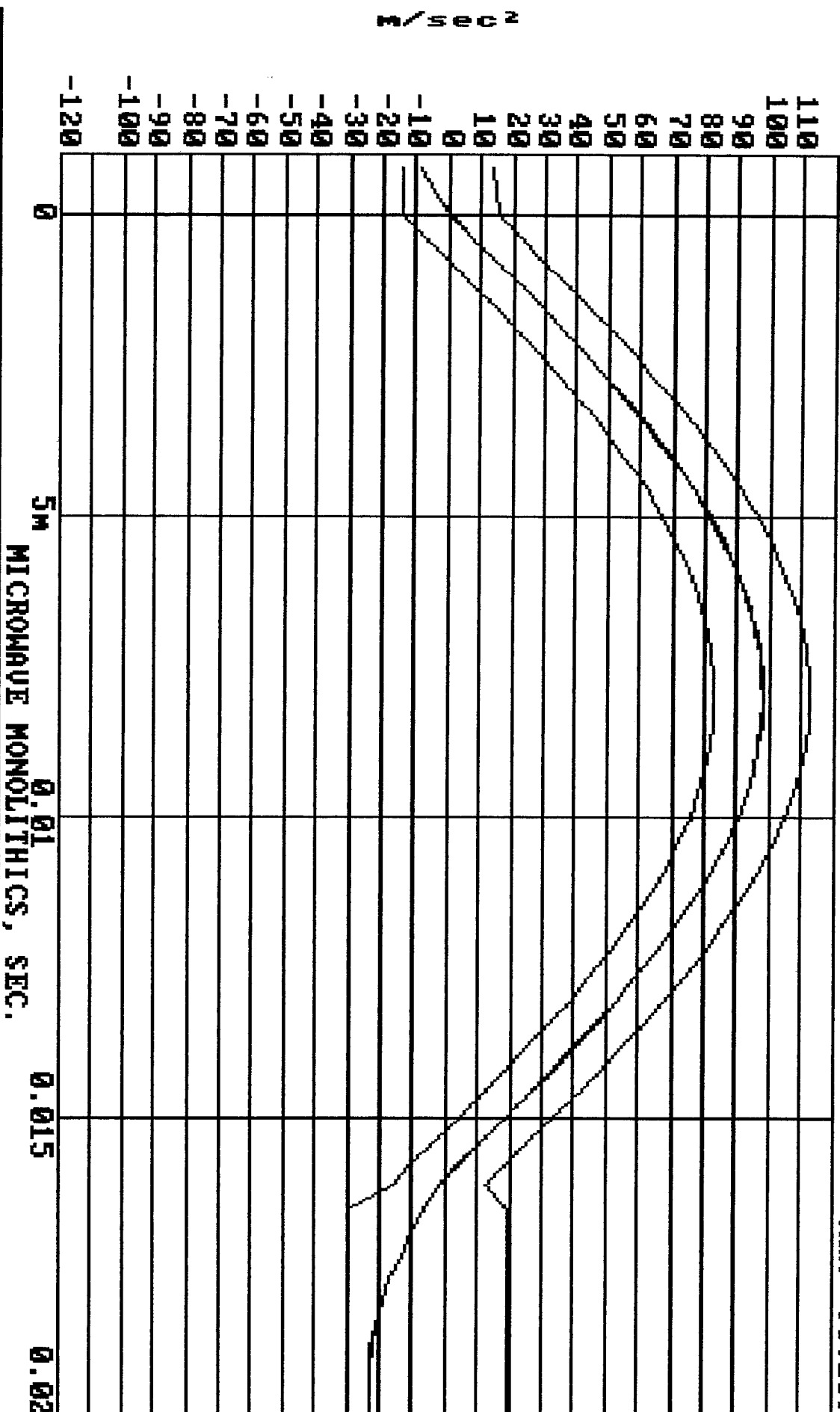
23283-0714447

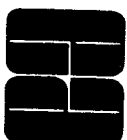
MBT 040600 TYPE GP S/N 264

RTCM PAPER 76-2002/SC110-STD

CTL

Max= 98.159





Z AXIS BUMP TEST

COMPLETED 4000 PULSES

E. A. JOB NO.

PLB: MBT 040600 S/N 263

23283-0714447

MBT 040600 TYPE GP S/N 264

RTCM PAPER 76-2002/SC110-STD

CTL

Max= 98.951

