

FCC RADIATED DATA SHEET									
EUT: WOODY MODEM					DATE: MAR. 3, 1999				
S/N: 44					CUSTOMER NAME: METRICOM				
RULE PART: 15.247					WORK ORDER: 9030301				
					FILE: 9030301A.XLS				
ANTENNA: HORN					OTHER CAL FACTORS: ATTN dB: 0				
MODULATION TYPE:					DUTY dB: 0				
TESTED BY: SHAWN					HP IL dB: 0				
COMMENTS:					DIST dB: 0				
FREQ.	READING	Pk, QP,	A.F.	Cable loss	AMP	O.C.F.	TOTAL,	LIMIT	DELTA
MHz	dB(uV)	or Av	dB	dB	dB	dB	dB(uV/m)	dB(uV/m)	dB
Fund = 902.1									
2706.18	46.5	Pk	30.6	8.1	35.0	0.0	50.2	74.0	-23.8
2706.18	36.4	Avg	30.6	8.1	35.0	0.0	40.1	54.0	-13.9
3608.24	45.5	Pk	32.5	9.8	35.0	0.0	52.8	74.0	-21.2
3608.24	37.8	Avg	32.5	9.8	35.0	0.0	45.1	54.0	-8.9
4510.3	44.3	Pk	34.2	11.7	35.0	0.0	55.2	74.0	-18.8
4510.3	37.5	Avg	34.2	11.7	35.0	0.0	48.4	54.0	-5.6
5412.36	43.3	Pk	34.8	14.1	35.0	0.0	57.2	74.0	-16.8
5412.36	33.6	Avg	34.8	14.1	35.0	0.0	47.5	54.0	-6.5
8118.54	39.5	Pk	38.4	18.3	35.0	0.0	61.2	74.0	-12.8
8118.54	29.0	Avg	38.4	18.3	35.0	0.0	50.7	54.0	-3.3
9020.6	38.3	Pk	40.4	18.9	35.0	0.0	62.6	74.0	-11.4
9020.6	28.0	Avg	40.4	18.9	35.0	0.0	52.3	54.0	-1.7
Fund = 914.1									
2742.24	45.0	Pk	30.6	8.1	35.0	0.0	48.7	74.0	-25.3
2742.24	38.0	Avg	30.6	8.1	35.0	0.0	41.7	54.0	-12.3
3656.32	43.0	Pk	32.5	10.1	35.0	0.0	50.6	74.0	-23.4
3656.32	34.0	Avg	32.5	10.1	35.0	0.0	41.6	54.0	-12.4
4570.4	44.0	Pk	34.2	11.9	35.0	0.0	55.1	74.0	-18.9
4570.4	33.7	Avg	34.2	11.9	35.0	0.0	44.8	54.0	-9.2
7312.64	38.2	Pk	36.8	17.3	35.0	0.0	57.3	74.0	-16.7
7312.64	28.0	Avg	36.8	17.3	35.0	0.0	47.1	54.0	-6.9
8226.72	38.8	Pk	38.4	18.2	35.0	0.0	60.4	74.0	-13.6
8226.72	28.3	Avg	38.4	18.2	35.0	0.0	49.9	54.0	-4.1
9140.8	39.2	Pk	40.4	19.2	35.0	0.0	63.8	74.0	-10.2
9140.8	27.8	Avg	40.4	19.2	35.0	0.0	52.4	54.0	-1.6
Fund = 927.8									
2783.52	50.8	Pk	30.6	8.3	35.0	0.0	54.7	74.0	-19.3
2783.52	43.0	Avg	30.6	8.3	35.0	0.0	46.9	54.0	-7.1
3711.36	47.0	Pk	32.5	10.2	35.0	0.0	54.7	74.0	-19.3
3711.36	39.2	Avg	32.5	10.2	35.0	0.0	46.9	54.0	-7.1
4639.2	45.3	Pk	34.2	11.8	35.0	0.0	56.3	74.0	-17.7
4639.2	33.8	Avg	34.2	11.8	35.0	0.0	44.8	54.0	-9.2
7422.72	39.8	Pk	36.8	17.2	35.0	0.0	58.8	74.0	-15.2
7422.72	29.5	Avg	36.8	17.2	35.0	0.0	48.5	54.0	-5.5
8350.56	38.8	Pk	38.4	18.2	35.0	0.0	60.4	74.0	-13.6
8350.56	29.8	Avg	38.4	18.2	35.0	0.0	51.4	54.0	-2.6

Electronic Compliance Laboratories, Inc.
1249 Birchwood Ave.
Sunnyvale, CA

Radiated Emissions
Frequency range: 30MHz-1000MHz

3 Meter Open Site
Site Calibrated: June 1997

Government Agency and Limit: FCC Class B

QP = Quasi-Peak Note: Ignore peak readings when Quasi-Peak reading exists
PK = Peak

Customer:	METRICOM	Operator:	SHAWN
Date:	03-03-1999	Time:	15:11:06
Temperature Range:	64 Deg F	Percent Humidity:	44
E.U.T.:	WOODY MODEM		
Serial Number:	44		
Support Devices:	LAPTOP		
Serial Number:			
FCC ID:			
Exercise Program:			
Modifications:	None		
Report File Name:	F:\TESTDATA\9030301.RF		

Antenna Type: BICONICAL

TEST FREQ	TEST dBuV	ACTUAL dBuV/m	CLASS B LIMIT	VERSUS B LIMIT	TABLE DEGREES	ANTENNA HEIGHT	POLAR- IZATION	DETECTOR Type
32.000	37.5	30.4	40.0	-9.6	90	1.5	V	PK
40.000	32.3	22.0	40.0	-18.0	90	1.5	V	PK
112.000	41.0	29.1	43.5	-14.4	150	2.0	V	PK
208.000	35.5	27.6	43.5	-15.9	120	2.0	V	PK
240.000	36.6	29.1	46.0	-16.9	180	1.5	V	PK
256.000	31.1	23.8	46.0	-22.2	180	1.5	V	PK
256.000	32.5	25.2	46.0	-20.8	90	1.5	H	PK
240.000	40.0	32.5	46.0	-13.5	90	2.0	H	PK
216.000	38.0	30.2	43.5	-13.3	120	1.5	H	PK
208.000	32.0	24.1	43.5	-19.4	120	2.0	H	PK
144.000	42.3	32.7	43.5	-10.8	90	2.0	H	PK

CHANGED ANTENNA TO LOG PERIODIC

NOTE: NO EMISSIONS DETECTED ABOVE 300Mhz