

TEST INSTRUMENTATION LIST

All equipment calibrated
within last 90 days

ADAPTER

HP X281 (Coaxial
waveguide); HP S281; HP
85659 (Quasi peak)

AMPLIFIER

Pre-amp. HP 10885A (2-1300
MHz); HP 8447D, HP 8447E,
HP 8449A

ANTENNA See end

ATTENUATOR

Kay 432D; Power, Sierra
661A-30; Narda 76610; Narda
4779-3, -6, -10 dB

AUDIO OSCILLATOR

HP 204D; AIEC DTC-1;
Motorola S-1333B; HP 3312A;
HP 8903A

BATTERY

Sears Diehard, Stock #4341

CAMERA

Oscilloscope, Tektronix
C5A; Polaroid Impulse AF;
Kodak DC-50

CAPACITOR

Feed-Thru, 10 μ F, Solar
6512-106R; Solar 7525-1

CLOSE FIELD PROBE

HP 11940A, 11941A, HP
11945A

COMPUTER

HP 332; HP Vectra 486/25VL;
Various PC Compatibles

CONVERTOR, Down

HP 117 108

COUPLER

Narda 1080, Waveguide; HP
S750E (Cross guide);
Waveline 274/40; Solar
7415-3; Solar 7835-891 &
-896

CURRENT PROBE

Solar 6741-1

DETECTOR

HP 8470B

DIGITAL MULTIMETER

HP 3476A w/H.F. Probe;
Fluke 8030A-01; HP 3478A

DISTORTION ANALYZER

HP 334A; HP 8903A

ELECTRONIC COUNTER

HP 5383A; HP 5334B

FILTER

Cirqtel FHT/7-50-57/
50-1A/1B (HP); Jerrold
TLB-1; THB-1, Piezo 5064;
Eagle TNF-I Series,
Krohn-Hite 3202;
Phelps-Dodge #PD-495-8;
Newtone #PD6000 Line
Protector; 870-890 MHz (Lab
Design); 900 MHz (Lab
Design); Solar High-Pass
s/n 882029

FREQ. DEV. METER

HP 8901A

FREQ. DOUBLER

HP 11721A

FREQUENCY METER

HP 537A; HP 536A

GENERATOR

Solar 6550-1 (power sweep);
HP 8640B, GAW 1012, HP
8656A (signal); Solar
8282-1 (spike)

HUMIDITY CHAMBER

Embem Co FW30; Bowser 0

LIMITER, R.F.

HP 11867A; HP 11693A;
HP 10509A

LISN

Singer 91221-1; Ailtech
94641-1 (50 μ H)

LOAD, POWER

Telwave TLW-25; Bird 8329

MILLIAMETER

HP 428B

MIXER

HP 10514A; Mini-Circuits
TAK-1H

OPEN FIELD SITE

As filed with FCC & IC and
kept up-dated.
TURNABLES:
Up to 2000# capacity
GROUND SCREEN:
Complies with docket 80-284
ANTENNA MAST:
Complies as above

OSCILLOSCOPE

HP 1741A; HP 181T;
Tektronix T935; HP 54502A

PHANTOM

M.F.A. Labs Left and Right
human head

PLOTTER

HP 7470; HP7475A

POWER METER

AF GR 1840A; HP 435A with
8481A & 8482H Power
Sensors; HP 436A; HP 8901A

POWER SUPPLY

HP 6286A; Heathkit 1P 2711;
1P 5220; Honda EM400
(portable gas gen.); HP
6012

PRINTER

Brother HL-8; Brother
HL-10V; HP DeskJet 640C

R. F. PRESELECTOR

HP 85685A

RADIATION METER

Narda 8717 w/8010 Amp,
8021B and 8760 probes

RESISTOR, PRECISION

Solar 7144-1.0, 7144-10.0;
Solar 8525-1

SCALE

Weigh-Tronix 3632T-50

SCANNER

HP 9190A Scanjet

SCREEN ROOM

Lindgren 22-2/2-0

SIGNAL LEVEL METER

Jerrold 704B

SIGNAL SAMPLER

R. F. Bird 4273-030,
4275-030

SINAD/VOLTMETER

Helper Sinadder

SPECTRUM ANALYZER

HP 8558B, 8557; HP 8563E;
HP 853A; HP 8566B/8568B

TEMPERATURE CHAMBER

Tenney, Jr

TEMPERATURE PROBE

Fluke 80T-150C

TERMINATION

Narda 320B Waveguide.
Waveline #281

TEST SET

Semi-Automatic; HP 8953A;
HP 8954A Interface;
Computer / Controller; P.S.
Programmer; HP 59501A; RF
Communications; HP 8920A

TRANSFORMERS

Audio Isolation: Solar
6220-1A; Impedance: HP
11694A; Isolation: Solar
7032-1; Matching: Solar
7033-1

TRANSMISSION & NOISE

MEASURING SET

HP 3555B

VIBRATION CHAMBER

Unholtz-Dickie T 500;
Unholtz-Dickie T 4000

VOLTMETER

HP 410C; HP 3478A

WATTMETER

Bird 43, Sierra 174A-2

ANTENNAS

30 - 50 Hz
Emco 7603 M-Field; Emco
7604 M-Field

20 - 200 MHz

Apriel Biconical Model
AAB20200

20 - 300 MHz

Emco Biconical H-Field

25 - 1000 MHz

Singer DM-105A; EMCO 3121C

200 - 1000 MHz

Apriel Log Periodic, Model
AALP 2001

10 kHz - 30 MHz

Emco 3107B, E-Field; Emco
3101B/1, Rod E-Field

10 kHz - 32 MHz

Singer 94593-1 (Loop)

150 kHz - 32 MHz

Singer 92197-1 (41")

150 kHz - 32 MHz

Singer 93049-1 (9')

1 - 10 GHz

Singer 90794-A Discone

1 - 18 GHz

Horn: Apriel Model AAH-118

18 - 40 GHz

Emco 3116, Horn

40 - 60 GHz

Horn: HP 11970U, HP 11971U,
HP 11975A (Lo Drive
Amplifier)

50 - 75 GHz

Mixer, HP 11970V, HP 11971V

75 - 110 GHz

Mixer, HP 11970W