

EQUIPMENT USED FOR TESTS  
Radio & Tv Engineering Co.  
for  
COM-DEV

| <u>No.</u> | <u>Item</u>                      | <u>s/n</u> | <u>Date Cal.</u> | <u>Cal.</u> |
|------------|----------------------------------|------------|------------------|-------------|
|            |                                  |            | <u>acqd</u>      | <u>Date</u> |
|            |                                  |            |                  | <u>No.</u>  |
| 1.0        | Spectrum Analyzers               |            |                  |             |
| 1.1        | TEK 7L14                         | B010104    | 5/81 2/99        | 970203      |
| 1.2        | TEK 718                          | B071298    | 5/84 2/99        |             |
| 1.3        | TEK 492                          |            |                  |             |
| 2.0        | Oscilloscopes/Vector Volt Meters |            |                  |             |
| 2.1        | TEK 7B70                         | B237675    | 8/77 2/99        | 970612NJP   |
| 2.2        | TEK 7A16A                        | B061728    | 8/77 2/99        |             |
|            | 970612NJP                        |            |                  |             |
| 2.3        | TEK 7613                         | B343526    | 3/79 2/94        | 970204      |
| 2.4        | TEK SC502                        | B022936    | 6/79 4/92        |             |
| 3.0        | RF Tracing Generators            |            |                  |             |
| 3.1        | TEK TR502                        | B020368    | 7/81 2/99        |             |
| 3.2        | TEK 7L590525                     | B071298    | 5/84 2/99        |             |
| 3.3        | TEK TR503                        |            |                  |             |
| 4.0        | Signal Generators Audio          |            |                  |             |
| 4.1        | TEK SG505                        | B010189    | 6/81 2/97        |             |

## 5.0 Signal Generators RF

5.1 HP-8656A Opt 001 2035A00479 5/81 6/99

## 8.0 Test Chamber

8.1 Delta 1060A 2165 2/87 4/92

## 9.0 Multi-Meters/Temp/Humidity/Velocly

9.1 TEK DM502 B032117 9/78 2/99

9.2 TEK TM503 B119131 9/84 4/92

9.8 SIMPSON 206 2/77 4/92

9.11 HP E2377A 3249j11888 3/92 3/92

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## 10.0 Frequency Counters

10.1 TEK DC508 B010242 7/78 2/99 970201

10.2 GR 1192B 00433 3/87 6/99

10.3 HP8640B Opt. 001

11.0 11.1 BIRD 4275-020 3/79 4/99

11.2 BIRD 4274-025 3/79 4/99

## 13.0 R. F. Attenuators

13.1 BIRD 4329 2/87 4/92

13.2 NARDA 768-107512 3/81 2/99

13.3 NARDA 766-20 3/81 2/99

13.4 HP8494B DC-18

GHz (1/11 dB) 117161 4/82 2/99

### 13.5 HP8495B DC-18

GHz (10/70 dB) 11716 4/82 2/99

### 13.6 HP 8494B 11716 4/82 2/99

### 13.7 HP 8491A (set)

019806, 34273, 31245 20323 9/81 2/99

### 13.8 WEINSCHEL 3300 7724-

(set) .1-20 dB E6671 10/87 10/99

### 13.9 WEINSCHEL 48-30-43

30 dB DC-18 gHz AN7909 6/87 2/99

## 14.0 Power Supplies

### 14.1 TEK PS501-2 B041751 6/79 4/92

### 14.2 TEK PS502-1 B052376 6/79 4/92

### 14.3 TEK TM503 B134740 2/94 2/94

### 14.4 TEK TM506 B014967 2/94 2/94

### 14.5 TEK TM502 B023359 2/94 2/94

### 14.6 TEK TM504 Opt.7 B021120 5/84 2/94

### 14.7 HP 6269B 3-ea.

## 15.0 Cameras

6/99

### 15.1 Polaroid SUN660

## 18.0 R. F. Watt Meters

### 18.1 HP434A 345-02890 10/72 2/99

|                      |      |           |
|----------------------|------|-----------|
| 18.2 HP435b          | 7679 | 7/87 2/99 |
| 18.3 HP Sensor 8481A |      |           |
| (.01-18 GHz)         | 0699 | 7/87 2/99 |
| 18.4 BIRD 4314       | 0606 | 2/80 4/92 |
| 18.4 HP Sensor 8484A |      |           |
| (.01-18 GHz)         | 6537 | 3/92 2/99 |

## 19.0 Audio Distortion Meters

|                |         |           |
|----------------|---------|-----------|
| 19.1 TEK AA501 | B020641 | 3/85 2/97 |
|----------------|---------|-----------|

## 20.0 Antennas Calibrated

|                                     |      |           |
|-------------------------------------|------|-----------|
| 21.1 Ailtech Horn 001-0112          |      |           |
| 94627-1 (26.5-40 GHz)               |      | 4/84 4/99 |
| 21.2 Ailtech Horn 002-0112          |      |           |
| 94626-1 (18-26.5 GHz)               |      | 4/84 4/99 |
| 21.3 AH Systems (Roberts)           |      |           |
| 128,130,131,134                     |      |           |
| Tunable Dipoles                     |      |           |
| TDS-20/535                          |      |           |
| 30 mHz-1 GHz                        | 6/86 | 4/92      |
| 21.4 Picetron Electronics 218-91143 |      |           |
| Tunable Dipoles 25-1000 mHz         | 2/77 | 4/92      |
| 21.5 Discone Stoddard               |      |           |
| AT522 (.3-3.0 GHz)                  | 2/77 | 4/99      |
| 21.6 Discone Stoddard               |      |           |
| AT570 (1.0-10.0 GHz)                | 2/77 | 4/99      |
| 21.7 Dipole Stoddard                |      |           |
| AT-255 (.370-1.0 GHz)               | 620  | 7/77 4/99 |
| 21.8 EM3109 Biconical               |      |           |
| 1 kW (20-300 mHz)                   |      |           |

21.9 Ailtech 93490-1 Log Spiral

(.2-1 GHz)

21.10 Log Spiral

## 24.0 Deviation Meters & Calibrators

24.1 Racal-Dana 9008

21542/86 2/99

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## 26.0 Receivers

26.1 Yaesu FRG900

(50-905 MHz) 71-320280 2/88 4/92

26.2 WWV Freq. Cal. RX

Specific Products 304 7/77 2/99

## 27.0 Filters

27.1 GR Reject Filter

874-FR-1 298 7/77 4/99

## 29.0 Probes

29.1 TEK P6201 10-900 MHz B020639 6/80 4/99

29.2 TEK P6062B 483 7/80 4/92

## 31.0 Oscilloscopes/Spectrum Analyzers/Calibration System

31.1 TEK PG506 Ca.Gen. B058239 2/94 2/99

31.2 TEK TG502 Time

Mark Gen. B031640 2/94 2/99

### 31.3 TEK SG503 Level

Sine Wave Gen. B091258 2/94 2/99

31.4 TEK Main Frame TM503 2/94 1/99

## 32.0 Miscellaneous

### 32.1 AC VARIAC GR116U

115 - /0 - 135 VAC

1 KVA + 3 KVA 3/87 4/99

### 32.2 Frequency Doubler

HP 11721a 0395 2/81 4/92

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## Nomenclature for Test Equipment:

|      |                            |
|------|----------------------------|
| REC  | Radio & Tv Engineering Co. |
| TEK  | Tektronics                 |
| TUK  | Tucker Electronics         |
| BIRD | Bird Electronics           |
| HP   | Hewlett Packard            |
| EAT  | Eaton Mfg. Co.             |
| AIL  | Ailtech                    |

|      |                                        |
|------|----------------------------------------|
| WBE  | Wideband Engineering Co.               |
| POT  | Potomac                                |
| DEL  | Delta                                  |
| RAC  | Racal Dana                             |
| VAFB | Vandenberg Airforce Base               |
| WWV  | WWV National Bureau of Standards       |
| DIG  | Digitek                                |
| NYNS | New York Naval Station                 |
| WEN  | Weinshel                               |
| IFI  | Instruments for Industry, Inc.         |
| ENI  | Electronic Navigation Industries, Inc. |

#### Note:

Calibration is maintained on all equipment semi-annually or more often as needed. Calibration is traceable to the National Bureau of Standards as appropriate, and verified in house prior to each measurement session.