

EQUIPMENT USED FCC §2.947(d)

COM DEV "Access Terminal"

- 1. Spectrum Analyzers**
TEK492/01/02/03 Fc 50 kHz to 60 GHz
Agilent (HP) E4407B /options 100 Hz to 26.5 GHz / Track
generator dc to 3 GHz.
- 2. Frequency Standard**
Sections 8131 RX locked to NBS, WWVB at Ft. Collins, Co.
- 3. RF Attenuators**
HP 84994A 10 dB
HP 8494B 1 db
HP 8498A dc to 18 GHz
HP 11581A Set
Weinschell 48-30-43 dc to 18 GHz
Weinschell SMA Set .1 to 20 dB 3300
- 4. Calibrated Antennas**
Ailtech Horn 94627-1
Ailtech Horn 94626-1
Stoddard Discone AT570
REC 1.9 GHz ground plane
- 5. RF Radiation**
NARDA Test Set 8718 with Probes
300 kHz to 40 GHz
Power Density Meter
- 6. Frequency Counters**
Agilent E53150A 10 Hz to 20 GHz
Lock with 10 MHz to WWVB Ft. Collins, Co.
TEK 508
HP 5342 10 Hz to 18 GHz
- 7. Power**
HP 435B 100 kHz to 26.5 GHz
HP 3150A Resolution .01 dB
50 kHz to 20 GHz
Agilent 53150A 50 MHz to 20 GHz Res. 1 Hz at 1.0 GHz
HP434 Calorimetric Power Meter
dc to 12.4 GHz
- 8. Power Sensors**
For HP 435B
HP 8481a .01 TO 18 GHz
Hp 8484a .01 TO 18 GHz

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| 9. | RF generator | HP 8640B
HP 8656A
Spectrum 8131
HP 618 (TS621)
HP 616a (TS403) TEK TR503 |
| 10. | Frequency Dubler | HP 11721A |
| 11. | Power Supplies | HP 6269B (4 ea.) |
| 12. | Digital Volt Meters | TEK TM503
TEK DM501A |
| 13. | Directional Couplers | BIRD 4275-020
BIRD 4274-025 |
| 14. | RF Loads | SMA 50
Weinschell
TEK 50 011-0123-00
GR 874-W50B
GR 50 874 |
| 15. | RF Cables | Various Lengths
RG 55
13' Andrew FSJ1 |
| 16. | Receiver | WWVB Spectrum 8163
(Part of Frequency Standard) |
| 17. | RF Mixers | TEK PN016-0631-03
1. (18 to 26.5 GHz) |
| 18. | RF Power Density | 1. Narda Model 8718 s/n 01226
2. Narda Probe model 8722B s/n 14002
3. Narda Probe model 98723 s/n 05012 |

Procedures Used:

1. IS-856
2. IS-2000 Rev. A (CDMA 2000 Series)
3. IS-138-A
4. OST-55
5. OST-65

