

EXHIBIT 4

**CFS8DL5882A**

Report of Measurements.

Measurements were made in accordance with the procedures and reporting requirements of ANSI C63.4-1992.

The Test Set-Up (C63.4 section 10.1.3) is shown in the attached drawing. The sequence of testing (C63.4 section 10.1.7) for radiated emissions is as follows: A preliminary scan was conducted with the receiver antenna close to the EUT in order to identify the emission characteristics of the EUT (C63.4 section 8.3.1.1). The antenna and EUT were then placed at the proper separation with the EUT positioned on a non-conducting turntable. The EUT was rotated on the turntable to maximize the received signal strength, then the receiver antenna height was varied to further maximize the received reading. Thereafter, the device was again rotated to a peak output position and the antenna height was re-adjusted for maximum received signal. This procedure was re-iterated until there was no further increase in signal level. This procedure was performed with the EUT rotating in three orthogonal planes (C63.4 section 13.1.4.1) to generate a final maximum reading which is recorded on the radiated emissions result sheet.

See Exhibit 5 for list of test equipment (C63.4 section 10.1.4).

Note, Spectrum Analyzer resolution bandwidths set as follows;  
(Video Bandwidth set greater than RBW)

- For radiated emissions below 1 GHz, the RBW = 100kHz.  
Detector function set to peak.
- For radiated emissions above 1 GHz, the RBW = 1MHz.  
Detector function set to peak.

**RADIATED EMISSIONS** are recorded on attached sheet.

**ALARM DEVICE MANUFACTURING COMPANY**  
**165 EILEEN WAY**  
**SYOSSET, NY 11791**

FCCID# \_\_\_\_\_

MAY 25, 1999

DATE: \_\_\_\_\_ TESTED BY: Stan Albrecht APPROVED BY: \_\_\_\_\_

ADEMCO 5882-3

TEST SAMPLE (model): \_\_\_\_\_

TEST METHOD: ANSI C63.4-1992

TEST SPECIFICATION: FCC PART 15, SUBPART B

RADIATED EMISSIONS

NOTES: 1)  $F_0 = 355.7$  MHz.

2) DETECTOR = PEAK.

3) FREQUENCY RANGE SCANNED TO 4 GHz.

$$\left[ \frac{(\text{METER READING} + \text{CABLE /AMP FACTOR} + \text{ANTENNA FACTOR})}{20} \right]$$

4) CONVERTED READING = 10

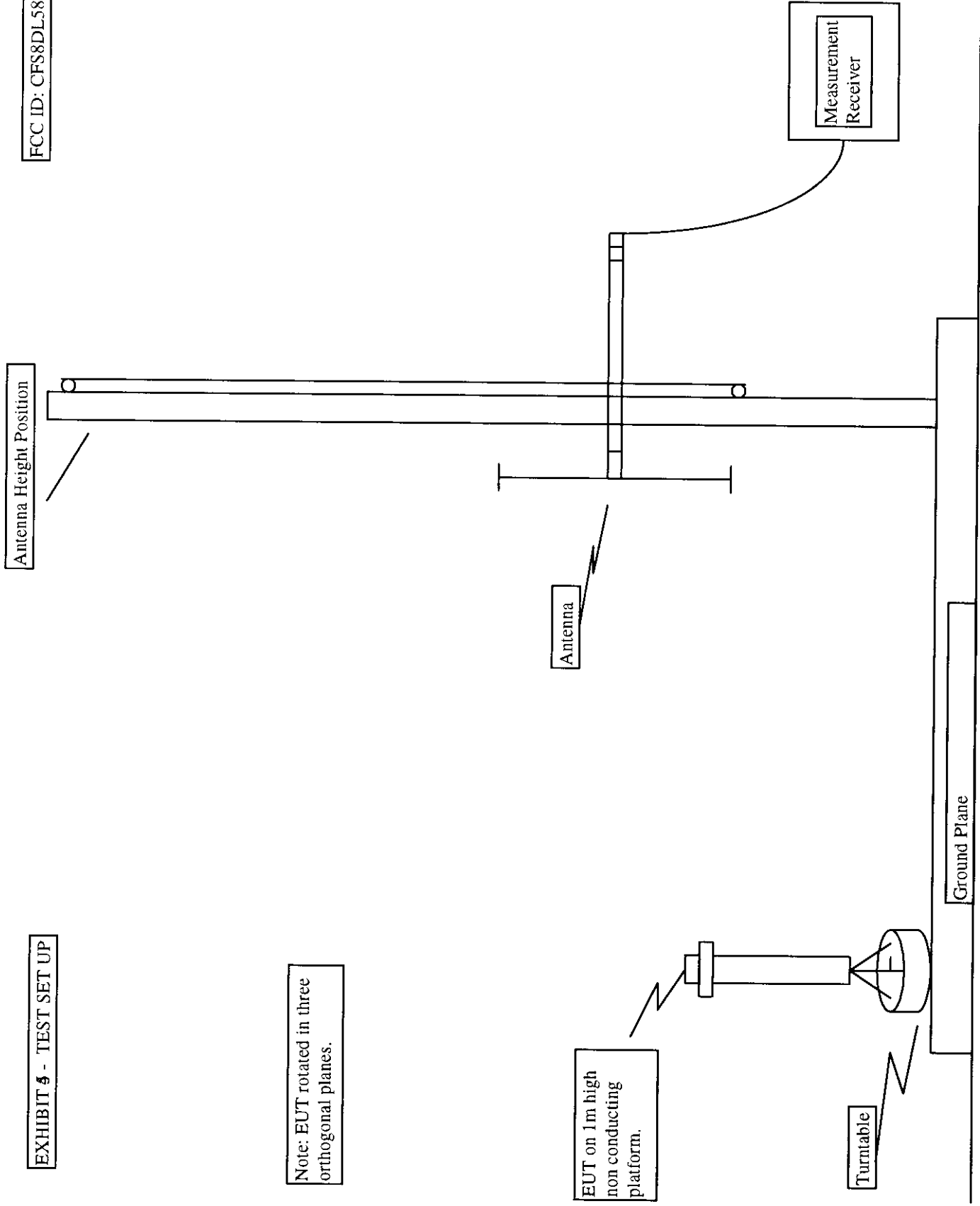
5) SIX HIGHEST EMISSIONS RECORDED.

Frequency (MHz)	Antenna Polarity (V-H)	Meter Reading (dB uV)	Cable/Amp Factor (dB)	Antenna Factor (dB/M)	Converted Reading (uV/M)	Duty Cycle (%)	Corrected Reading (uV/M)	Limit @ 3 meter (uV/M)
296	H	13.5	1.2	23.3	79.4	N/A		200
355.7	V	28.0	1.3	16.2	188.4	N/A		200
415	V	27.3	1.4	17.0	192.8	N/A		200
474	V	12.0	1.5	19.3	43.7	N/A		200
534	V	15.2	1.6	18.7	35.5	N/A		200
593	V	10	1.8	20.4	32.2	N/A		200

NOTES:

EXHIBIT 4 - TEST SET UP

Note: EUT rotated in three orthogonal planes.



## EXHIBIT 5

**CFS8DL5882A**

## Test Equipment List.

Model	Description	Calibrated	s/n
Antenna	Roberts dipole 30 - 65 MHz	1/20/99	110
Antenna	Roberts dipole 65 - 180 MHz	1/20/99	110
Antenna	Roberts dipole 180 - 400 MHz	1/20/99	110
Antenna	Roberts dipole 400 - 1000 MHz	1/20/99	110
Antenna	Electrometrics Horn 1 - 18 GHz	1/27/99	6127
Cable	RG58U		before use
2784	Tektronix spectrum analyzer	7/29/98	B010165