

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

**CFS8DL5820**

**FCC ID#** \_\_\_\_\_

JANUARY, 06, 2003 GREG BARBATO KEN ADDY  
DATE: \_\_\_\_\_ TESTED BY: \_\_\_\_\_ APPROVED BY: \_\_\_\_\_

ADEMCO 5820 (TRANSMITTER)

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

TEST METHOD: ANSI C63.4-1992

TEST SPECIFICATION: FCC PART 15, SUBPART C.

NOTES: 1) Fo= 345 MHZ

2) DETECTOR = PEAK.

3) FREQUENCY RANGE SCANNED TO 4 GHz.

$$4) \text{ CONVERTED READING} = 10 \left[ \frac{(\text{METER READING} + \text{CABLE /AMP FACTOR} + \text{ANTENNA FACTOR})}{20} \right]$$

5) CORRECTED READING = CONVERTED READING X DUTY CYCLE

6) 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 ) |
|-----------------|--------------------------|-----------------------|-------------------------|-----------------------|----------------------------|------------------|----------------------------|--------------------------|
| 30              | H                        |                       |                         |                       |                            | 10               |                            | 729                      |
| 345             | V                        | 66.0                  | 2.3                     | 16.11                 | 16,615.0                   | 10               | 1,661.5                    | 7,290                    |
| 690             | V                        | 21.0                  | 3.2                     | 21.46                 | 191.9                      | 10               | 19.2                       | 729                      |
| 1035            | H                        | 20.0                  | 3.9                     | 25.47                 | 294.1                      | 10               | 29.4                       | 500                      |
| 1380            | H                        | 21.0                  | 2.6                     | 29.35                 | 559.1                      | 10               | 55.9                       | 500                      |
| 1725            | V                        | 20.0                  | 5.3                     | 31.30                 | 676.1                      | 10               | 67.6                       | 729                      |
| 2070            | H                        | 22.0                  | 6.3                     | 28.26                 | 673.0                      | 10               | 67.3                       | 729                      |
| 2415            | H                        | 21.0                  | 6.8                     | 29.53                 | 735.4                      | 10               | 73.5                       | 729                      |
| 2760            | H                        | 21.0                  | 7.0                     | 30.18                 | 811.0                      | 10               | 81.1                       | 729                      |
| 3105            | H                        | 20.0                  | 7.4                     | 30.76                 | 809.1                      | 10               | 80.9                       | 729                      |
| 3450            | H                        | 20.0                  | 12.0                    | 31.70                 | 1,531.0                    | 10               | 153.1                      | 729                      |
| 4000            | H                        |                       |                         |                       |                            | 10               |                            | 729                      |