

**Report of Measurements.**

Measurements were made at Ademco 's Measurement Facility at 160 Eileen Way ,  
Syosset , NY 11791 , FCC Registration number : 90421.

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.  
Similar measurements were made on the receiver to ensure compliance as an  
unintentional radiator.

See Exhibit 6 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 occupied bandwidth measurements,  $RBW = 100\text{kHz}$ ,  
(This is in accordance with the minimum RBW allowed by C63.4, which requires RBW  
greater than 5% of the FCC required occupied bandwidth spec of 0.25% of center  
frequency).

- For radiated emissions below 1 GHz, the  $RBW = 100\text{kHz}$ .  
Detector function set to peak.

- For radiated emissions above 1 GHz, the  $RBW = 1\text{MHz}$ .  
Detector function set to peak.

**OCCUPIED BANDWIDTH** is shown on attached plot.

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