General Information sheet

1	Cargo for Certification	Antenna
2	Model No.	V700-H02 and V700-H01
3	Kind of Equipment	Field Disturbance Sensor
4	Equipment will be operated under FCC Rules Part(s)	Part 15 § 15.209

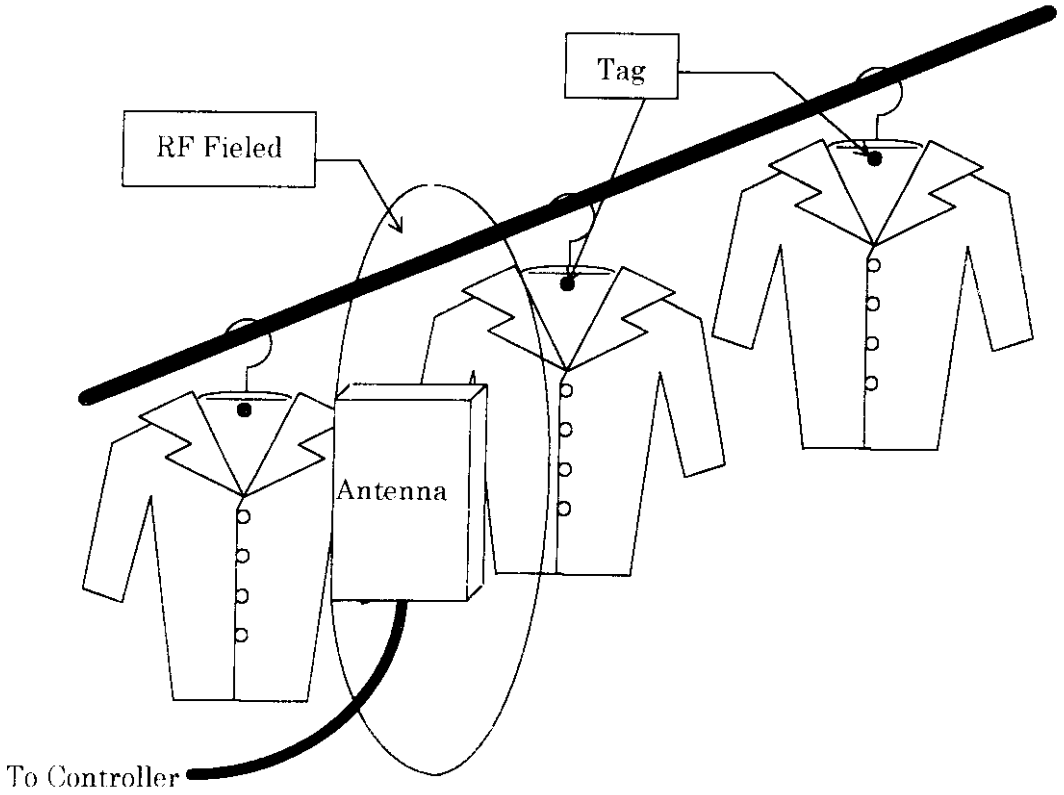
5 Reason for applying Part 15 § 15.209

5.1 Operation (continued):

A typical operating configuration is shown in Figure 1

Figure 1

Typical Operating Configuration



5.2 Operation

Using configuration software(Catalog No.V700) or system commands. The Antenna can be programmed to activate its RF field from an object detect device signal or to maintain a continuous RF field.

When a tagged object enters the RF field being-generated by the Antenna. RF field changes and the Tag circuitry is activated. as a result, Antenna detects the Tag.

At this time. data can be written into the memory of the tag data already stored in the tag can be read.

The data gathered from the read operation is processed by the Antenna and sent to the Controller for further communication to a host computer. Host computer data sent to the Controller and processed by the Antenna. may also be Written into the Tag's memory.

Besides. Antenna is used in industrial production line. Antenna is an incidental radiation device which detects the object at a field strength of 66.6dBμV/m(at 30m V700-H02) Max (63.6dBμV/m at 30m V700-H01). and a detecting distance of 280mm Max.

*1: Consequently. Antenna is judged to be applicable to the § 15.209.

5.3 Permitted Bands Operation

Operating frequency of Antenna is 125kHz±2kHz.

5.4 Emission Limitations

As for Antenna. Field strength of emission is according to FCC Part 15 § 15.209.