

2 General Product Information

2.1 Product Function and Intended Use

The equipment under test (EUT) is a transmitter for the electric air pump operating at 433.920MHz.

The transmitter has three push-to-operate switches that will automatically and immediately deactivate the transmitter when release the switch, hence transmitter will be ceased to operate within not more than 5 seconds of being released.

FCC ID SVYAP619DW

Model	Product description
AP619DW	Remote Control For Electric Air Pump

2.2 Circuit Description

Two 1.5V batteries are used in this board, special IC HX2262 for remote control is used as main control circuit which was processed with CMOS and is also a remote control coding circuit, whose datum and address are coded into series strand codes. The datum is coded with the high level of HX2262 digit pin controlled by the three trigger switches, and then the codes are sent out through 433.92MHz carrier by high frequency oscillator.

2.3 Ratings and System Details

		Transmitter
Frequency range	:	433.920MHz
Crystal tolerance	:	+/-100kHz
Number of channels	:	1
Type of antenna	:	Integral antenna
Power supply	:	DC 3V
Ports	:	None
Protection Class	:	III

2.4 Independent Operation Modes

The basic operation modes are:

- Remote Control: It has a push to operate switch and is under manual control at all transmission time. It will cease transmission immediately when the switch is released. The EUT has three control buttons to control the inflation and deflation of the pump.

For further information refer to User Manual.