

Operation Description for Aston Martin DBS

The Radio control car for Aston Martin DBS is operates at 49.860MHz. The radio frequency is generated by crystal. The EUT is powered by 1 x 9V size battery and it has two control sticks in the EUT. When the forward, backward, turn left and turn right control stick is pushed once, it will transmit different radio control signal to receiver.

Refer to the schematic, the major operation for the electronic components as below:

- IC Tx2 and associated circuit act as encoder.
- Q1, Crystal 49.860MHz and associated circuit act as oscillator.
- Q2 and associated circuit act as RF amplify.