

1 Test Sample Instructions

The M-12 test sample is shown below in figure 1.

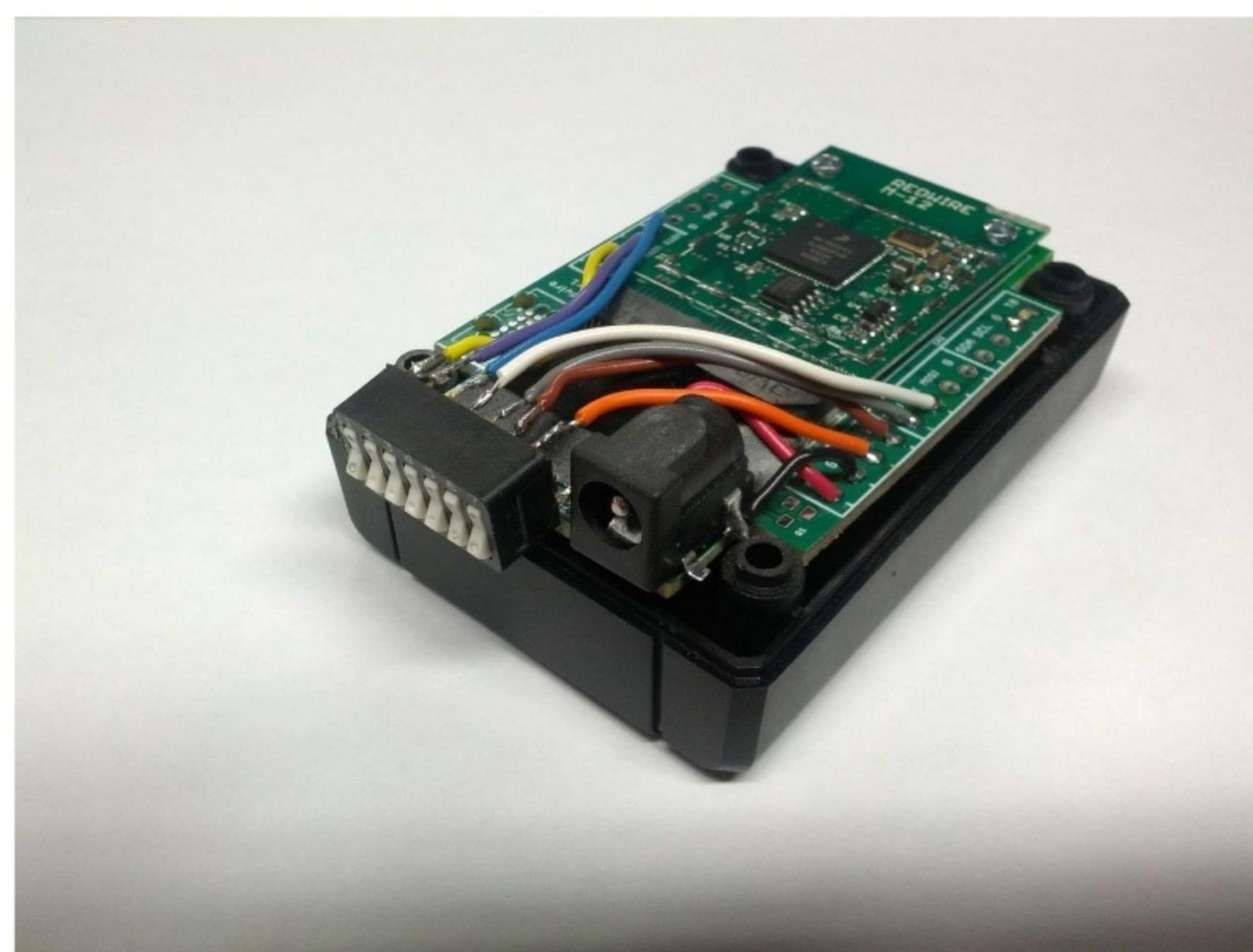


Figure 1: M-12 test sample

The device can be powered with either 2xAA batteries or with the provided DC wall transformer. Dip switches can set the transmit channel and power level.

When the test sample is powered, a red LED blinks to indicate that the test is running. In this test, the M-12 transmits random data continuously.

1.1 Power Test Sample

Connect power with provided wall transformer as shown in figure 2.



Figure 2: M-12 test sample connected to power

LED will blink RED to indicated that the test is functioning.

1.2 Set to Low Channel

Set the dip switches as shown in figure 3.

The device is now transmitting on 802.15.4 low channel (2405 MHz)

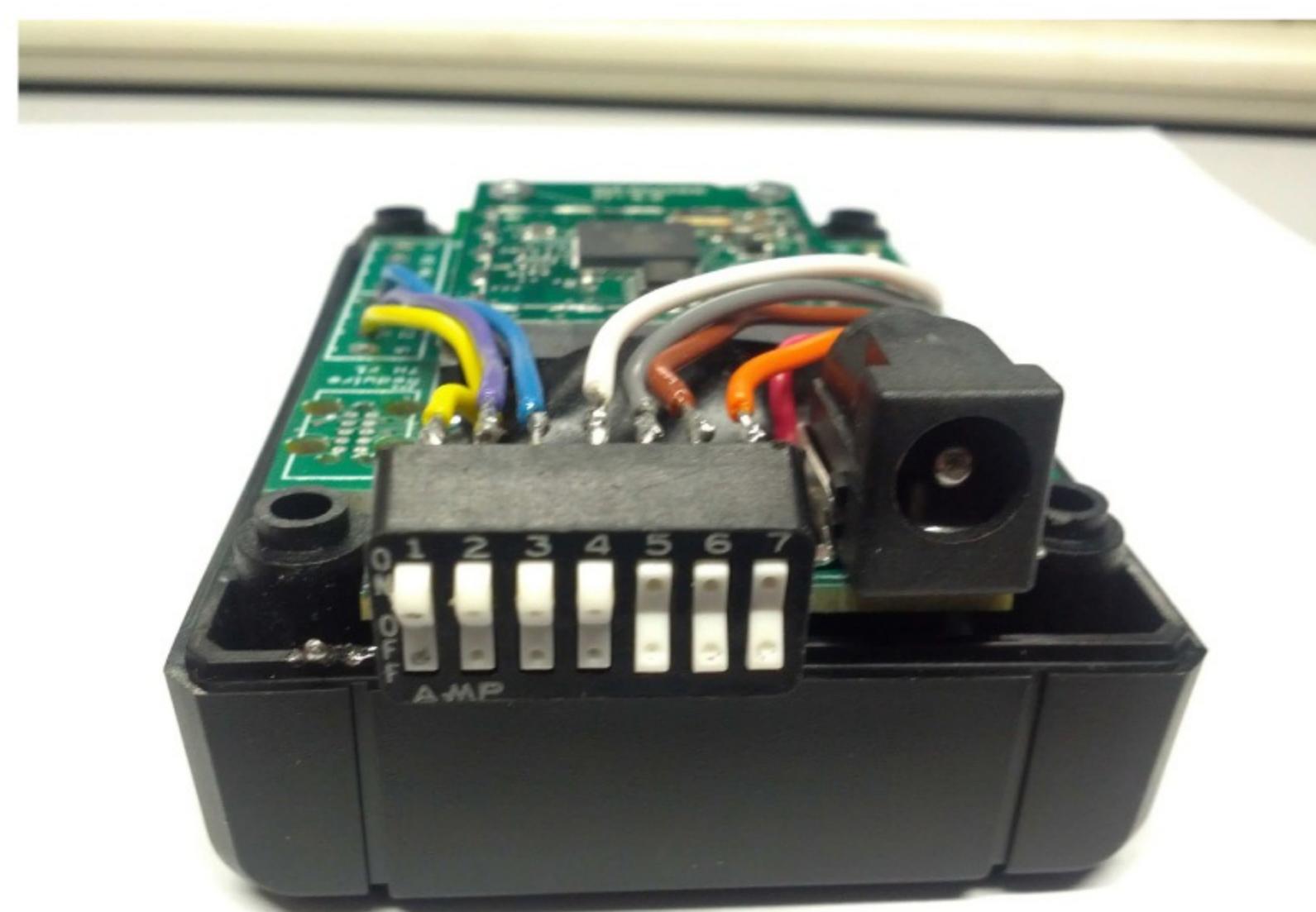


Figure 3: dip setting for **low** Channel

1.3 Set to **High** Channel

Set the dip switches as shown in figure 4.

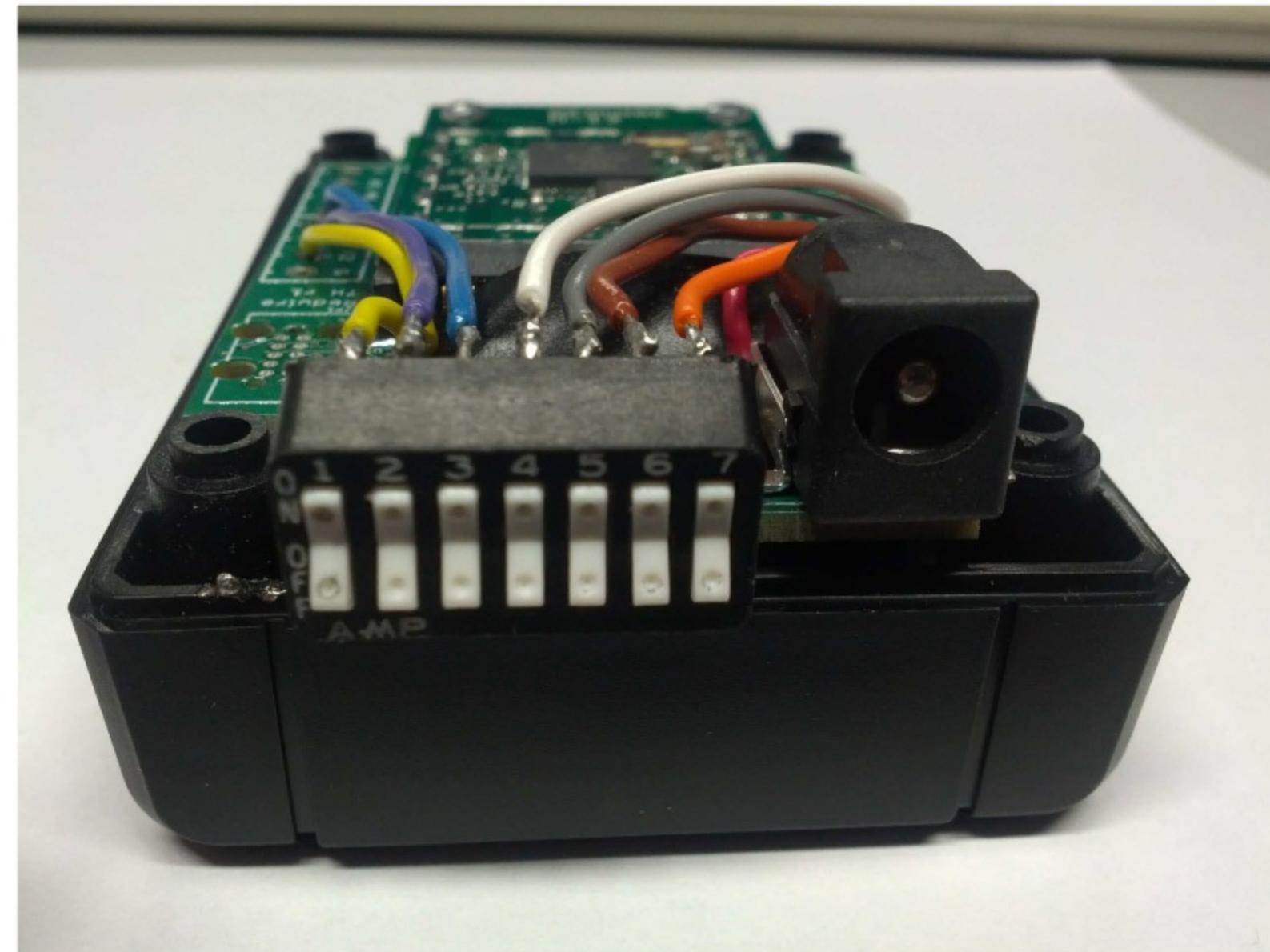


Figure 4: dip setting for **high** Channel

The device is now transmitting on 802.15.4 **high** channel (2480 MHz).

1.4 Set to **Middle** Channel

Set the dip switches as shown in figure 5 .

The device is now transmitting on 802.15.4 **middle** channel (2440 MHz).

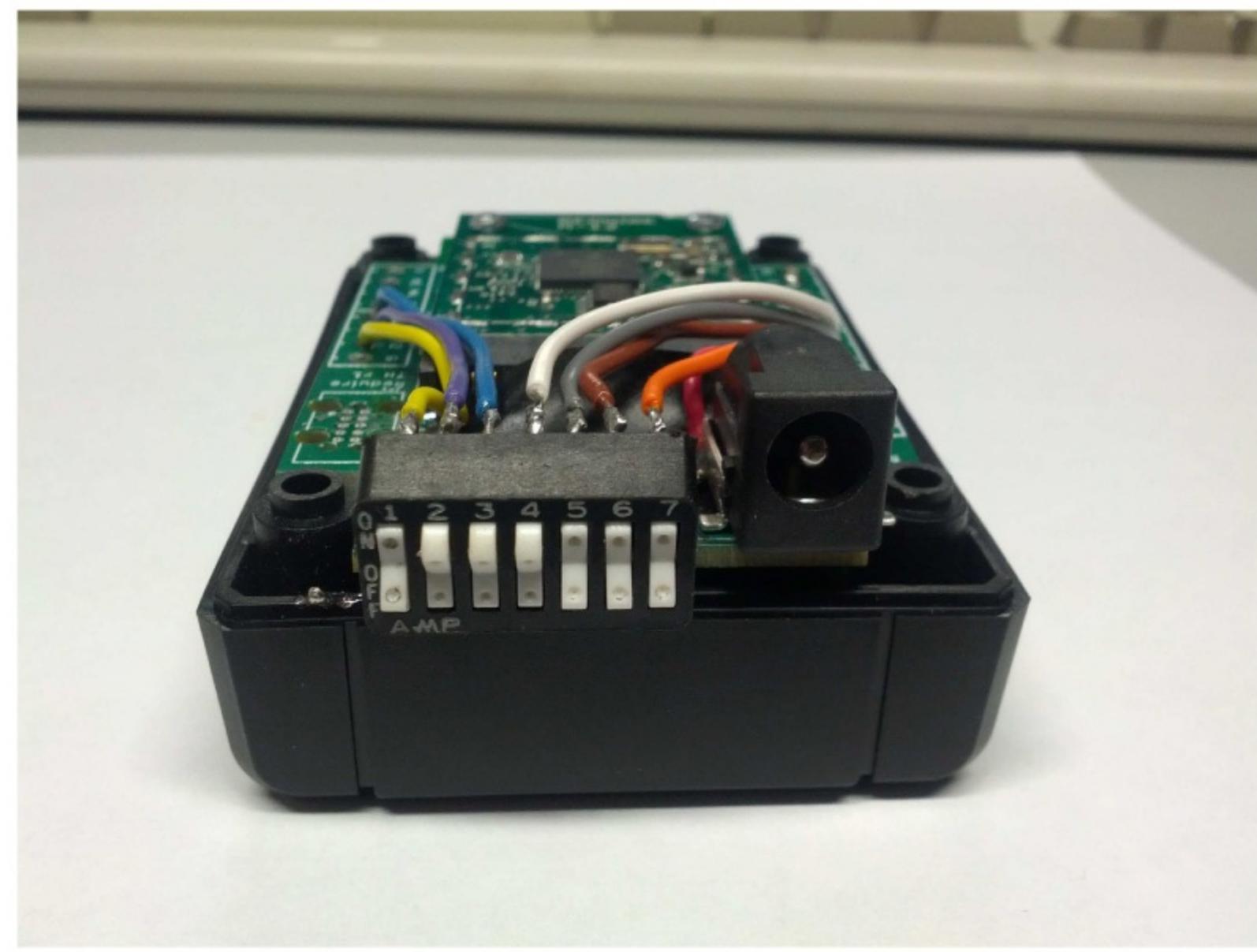


Figure 5: dip setting for **middle** Channel