

09/16/2014

MET Laboratories, Inc.
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Baltimore, MD 21230

RE: RADIO MODULE RF POWER LEVEL

To Whom It May Concern:

We, ATI Industrial Automation, hereby declare that we are using embedded software control to define the RF power of the RedPine Signals radio module RS-WC-301.

Per section 3.2.9 of the RS--WC--201/301 Software Programming Reference Manual Version 2.54, the TxPower variable within the firmware fixes the Transmit Power level of the module. ATI has set a default power level of "2" for both the 2.4 and 5 GHz modes per the manual excerpt below.

TxPower (1 byte, ASCII): This fixes the Transmit Power level of the module.
This value can be set as follows:

At 2.4GHz

- 0- Low power (7 +/-1) dBm
- 1- Medium power (10 +/-1) dBm
- 2- High power (15 +/- 2) dBm

At 5 GHz

- 0- Low power (5 +/-1) dBm
- 1- Medium power (7 +/-1) dBm
- 2- High power (12 +/- 2) dBm

Sincerely,

Jeremy Walser