

Products affected **IPC Series 2 (ATMEL based)**

Serial numbers All

Action required None – Advisory only

Reason for notice Setting an IPC for Test Transmission

Notes A new feature has been added to the IPC firmware (version 4.46) which will enable a test transmission to be performed. This feature is designed for power testing of radios and performing RF surveys.

The test transmission will send data mimicking an M2 soil moisture probe with 4 sensors: 11.11%, 22.22%, 33.33% and 44.44%.

The advantages of this test mode are that you do not need to have a probe attached to the IPC and much more frequent signals can be sent (as frequent as every 30 seconds).

#### **To configure your IPC for test mode:**

##### **Firmware earlier than 4.46**

- Attach a valid sensor
- Perform an Autoconfig
- Set the Scan Period to 30 seconds or higher
- Click on Write to save the settings to the IPC

##### **Firmware version 4.46**

- Set the Scan Period to 30 seconds
- Set the Final Receiver Start Register to 255
- Click on Write to save the settings to the IPC
- Power down/power up IPC

##### **Firmware version 4.52 or greater**

- Set the scan period to 30 seconds
- Perform an autoconfig with no sensors attached
- Click on Write
- Power down / power up IPC