Remote Polling Module II (RPM II) SDK Customer Development Station Connection and Policies

Southwest Microwave has assembled a station where third parties can test their development of a high level interface to the Remote Polling Module II (RPM II) which is connected to INTREPID Series II devices using the Remote Polling Module II Protocol SDK Customer Development Document. The party doing the development should already have the development document 57A46792-A01 or the RPM II manual which includes the development document.

The test station equipment consists of the following:

➢ MicroPoint II Processor Module (PM II)

➢ MicroTrack II Processor Module (MTP II)

➢ Alarm Input Module II (AIM II)

➢ Relay Output Module II-8 (ROM II-8)

➢ Relay Output Module II-16 (ROM II-16)

➢ MicroWave 330 Receiver

The test station is set up to automatically generate alarms. The alarms that will be generated are:

➢ Cable A and Cable B alarms for each cell/subcell for the PM II and MTP II.

➢ Cable A and Cable B cable fault alarms for the PM II and MTP II.

➢ Tamper alarms for the PM II, MTP II, 330 Transmitter and 330 Receiver.

➢ Service alarms for the PM II, MTP II and MW 330 Receiver.

➢ Intrusion alarms for the MW 330 Receiver.

➢ Path alarms for the MW 330 Receiver.

➢ PM II auxiliary input alarms.

➢ Configuration Change / Compromised alarms.

For the AIM II input and tamper alarm and for the ROM II-8 or 16 outputs and tamper alarm please contact the factory for testing as they require a service person to manually trip these devices for activation and to observe the relay action on the ROM II's.

The following drawing shows the equipment and the connection for the SDK testing.

Before trying to make the connection, please call Southwest Microwave at 480 783-0201 between the hours of 8:00AM and 3:30PM Mountain Standard Time (UTC – 7h) so that the test system can be powered and connected to the communications port.

Customer's
Location

Customer
Development
Software

(Com Port: 57.600, 8, N, 1)

Port
Redirector
Software (if
needed)

Internet

IP: 63.235.177.2

Ports: 50001 and 50002

Southwest Microwave, Inc.
Tempe, Arixona

RPM II

RPM II Password: 000000

INTREPID ™

PM II: Address 3

MW 330: Address 5

INTREPID
MICROTRACK PROCESSOR II

AIM II: Address 2

MTP II: Address 0

INTREPID

ROM II-16: Address 1

INTREPID

ROM II-8: Address 4

1/07/14