Ademco Inc.

Tune up procedure shall be over the power range or at specific operating power levels.

The measurement is done in a fully calibrated setup, which is based on Agilent 8960(adjustment of gain factors) and Agilent 8960 or RS CMU200.

Procedure:

1. Set the module to operational voltage and on one certain channel in a special service mode by means of company proprietary software.

2. The actual power is measured at minimal and maximum power levels.

3. The gain factors of each individual module are adjusted via the Board-test SW using automatic adjustment arithmetic until the target value is met.

4． The tune-up target value is below:

Conducted power:
BLE: 15dBi(-2~+7dB)
Zigbee: 20dBi(-2~+2dB)