

# Tune Up Procedure

## Tune-up procedure

FM

### Manufacturing tolerance

462.5625-462.7125			
Channel	Channel 1	Channel 4	Channel 7
Target (dBm)	32.0	32.0	32.0
Tolerance $\pm$ (dB)	1.0	1.0	1.0

  

467.5625-467.7125			
Channel	Channel 8	Channel 11	Channel 14
Target (dBm)	26.0	26.0	26.0
Tolerance $\pm$ (dB)	1.0	1.0	1.0

  

462.5500-462.7250			
Channel	Channel 15	Channel 19	Channel 22
Target (dBm)	32.0	32.0	32.0
Tolerance $\pm$ (dB)	1.0	1.0	1.0

### Tune Up Procedure

1. RX Gain Calibration
  - a. Put DUT in test mode
  - b. Put DUT in BCH mode
  - c. Put DUT in selected channel band
  - d. Total gain chain calibration at center ARFCN
  - e. Frequency Ripple calibration
  - f. Complete RX\_AGC Gain table
  
2. TX Power Calibration
  - a. Put DUT in test mode
  - b. Put DUT in BCH mode
  - c. Put DUT in selected channel band
  - d. Total gain chain calibration at center ARFCN
  - e. Frequency Ripple calibration
  - f. Complete TX\_APC Gain table
  
3. AFC calibration
  - a. Put DUT in test mode
  - b. Put DUT in selected channel mode
  - c. Calibration AFC at center ARFCN
  - d. Complete AFC result table