

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