

Tune Up Procedure

Tune-up procedure

FM

Manufacturing tolerance

| 462.5625-462.7125 | | | |
|----------------------|-----------|-----------|-----------|
| Channel | Channel 1 | Channel 4 | Channel 7 |
| Target (dBm) | 26.0 | 26.0 | 26.0 |
| 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) | 26.0 | 26.0 | 26.0 |
| 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