S/N: {SN}

{FreqBand-Ul-1}{FreqBand-Ul-2}

{FreqBand-Dl-1}{FreqBand-Dl-2}

|  |  |  |
| --- | --- | --- |
| REMARKS | DL | UL |
| DSA1 | 0 | 0 |
| DSA2 | 6 | 6 |
| DSA3 | 10 | 10 |

- UUT Setup:

- RF to IF: Disconnect the 6dB attenuator from IFin to IFout

- RF to RF: Connect a 6dB attenuator from IFin to IFout

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **#** | **Test** | | **Min.** | **Max.** | **D/L** | **U/L** | Remarks |
| 3.1 | RFB Current at 6.5VDC (A) | | 2 | 2.5 | 2.25(4.97) | | 2.3A typical \*the DDF current is 3.1A |
| 3.2 | RF to IF Gain (dB), PIN -50dBm | | 46 | 48 | **NA** | **NA** | BW 60M, IFcenter 120M, set using DSA2 |
| 3.2 | RF to IF Flatness (dBp-p) | | - | 1.5 | **NA** | **NA** | BW 60M, IFcenter 120M |
| 3.3 | RF to RF Gain (dB), PIN -50dBm | | 45 | 52 | **47** | **53** | Set using DSA3 min value 5dB BW 60MHz |
| 3.3 | RF to RF Flatness (dBp-p) | | - | 3.5 | **Pass** | **Pass** |
| 3.4 | Return Loss RF In UL J9, DL J8 (dB) | | - | -9 | **Pass** | **Pass** | Disconnect the 6 dB attenuator |
| .  3.5 | DSA's | DSA1 (dB) | 29 | 31 | **Pass** | **Pass** | For each DSA set these values:  0.5, 1, 2, 4, 8, 16, 31  Fill Pass / Fail |
| DSA2 (dB) | 29 | 31 | **Pass** | **Pass** |
| DSA3 (dB) | 29 | 31 | **Pass** | **Pass** |
| 3.6 | Intermodulation at POUT = 0dBm comp.  -3dBm per tone (dBc) | | - | -50 | **Pass** | **Pass** | 2 CW, Spacing of 1MHz at center freq. |
| 3.7 | BIT Alarm – Set the IF value to 1.2GHz | | - | - | **Pass** | **Pass** | Pass / Fail; alarm on/off |
| 3.8 | ALCIN Validation (dBm) | | -10 | -20 | **131** | **114** | Set the value to 115±15, see the power reduced fill Pass / Fail return the value to 255 |
| 3.9 | ALCOUT Validation (dBm) | | -30 | -40 | **Pass** | **Pass** | Set the value to 0, see the power reduced fill Pass / Fail  return the value to 255 |

Tested by: Dima Signature: ICT 46 PASS Date: 07.09.2017