



Chip722 Current Test Report



版本 1.0
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Current Test

1.1. Test Condition

| Information | Condition |
|-------------|-----------|
| Chip Name | Chip722B |
| Temperature | 25°C |
| DC | 3.3V |
| RF Test Bin | |

Test block diagram was shown in below picture.

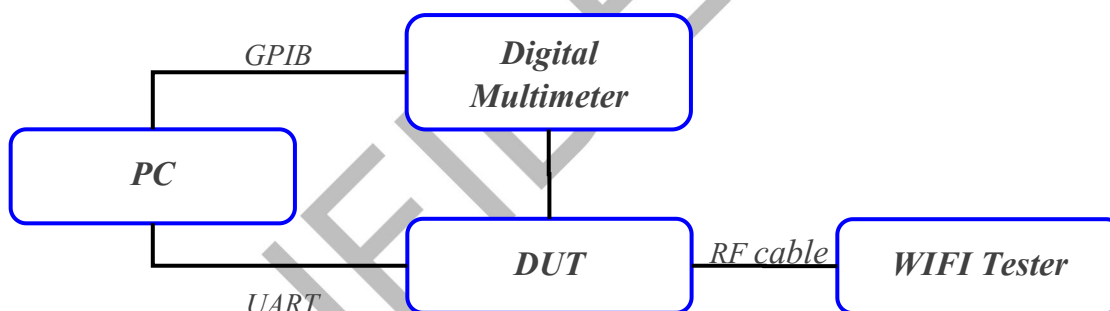


Figure 1-1. Test Block Diagram



1.2. Transmitter (Tx) Current Test Result

| Rate | Power(dBm) | Max_Curr(mA) | Avg_Curr(mA) |
|-----------|------------|--------------|--------------|
| 1m | 19.2 | 380.35 | 228.97 |
| 2m | 19.15 | 379.52 | 228.63 |
| 5.5m | 19.35 | 393.72 | 235.79 |
| 11m | 19.05 | 373.49 | 225.62 |
| 6m | 17.76 | 303.41 | 188.86 |
| 9m | 17.74 | 293.67 | 185.06 |
| 12m | 17.72 | 302.8 | 188.58 |
| 18m | 17.7 | 296.72 | 185.6 |
| 24m | 16.75 | 285.06 | 179.76 |
| 36m | 16.74 | 286.57 | 180.44 |
| 48m | 15.75 | 269.45 | 171.96 |
| 54m | 13.72 | 241.93 | 158.22 |
| HT20 MCS0 | 17.52 | 299.43 | 187.01 |
| HT20 MCS1 | 17.5 | 297.84 | 186.16 |
| HT20 MCS2 | 17.48 | 301.82 | 188.22 |
| HT20 MCS3 | 16.55 | 282.4 | 178.46 |
| HT20 MCS4 | 16.54 | 290.43 | 182.64 |
| HT20 MCS5 | 15.57 | 280.01 | 177.46 |
| HT20 MCS6 | 13.55 | 235.53 | 155.27 |
| HT20 MCS7 | 12.56 | 239.95 | 157.43 |
| HT40 MCS0 | 17.17 | 275.05 | 179.67 |
| HT40 MCS1 | 17.14 | 293.46 | 188.88 |



| | | | |
|-----------|-------|--------|--------|
| HT40 MCS2 | 17.12 | 295.13 | 189.69 |
| HT40 MCS3 | 16.27 | 264.56 | 174.17 |
| HT40 MCS4 | 16.24 | 277.35 | 180.83 |
| HT40 MCS5 | 15.33 | 252.73 | 168.52 |
| HT40 MCS6 | 13.38 | 230.94 | 157.3 |
| HT40 MCS7 | 12.4 | 218.47 | 151.41 |

1.3. Receiver (Rx) Current Test Result

| Rate | Max_Curr(mA) | Avg_Curr(mA) |
|-----------|--------------|--------------|
| 1m | 78.61 | 78.3 |
| 2m | 78.82 | 78.41 |
| 5.5m | 78.82 | 78.39 |
| 11m | 78.77 | 78.26 |
| 6m | 78.71 | 78.23 |
| 9m | 78.77 | 78.29 |
| 12m | 78.66 | 78.28 |
| 18m | 78.77 | 78.26 |
| 24m | 78.61 | 78.17 |
| 36m | 78.71 | 78.33 |
| 48m | 78.71 | 78.29 |
| 54m | 78.82 | 78.26 |
| HT20 MCS0 | 78.66 | 78.28 |
| HT20 MCS1 | 78.66 | 78.26 |
| HT20 MCS2 | 78.71 | 78.37 |



| | | |
|-----------|-------|-------|
| HT20 MCS3 | 78.66 | 78.28 |
| HT20 MCS4 | 78.66 | 78.3 |
| HT20 MCS5 | 78.66 | 78.34 |
| HT20 MCS6 | 78.55 | 78.32 |
| HT20 MCS7 | 78.71 | 78.3 |
| HT40 MCS0 | 85.05 | 83.75 |
| HT40 MCS1 | 85.16 | 83.77 |
| HT40 MCS2 | 85.16 | 83.77 |
| HT40 MCS3 | 85.16 | 83.77 |
| HT40 MCS4 | 85.11 | 83.73 |
| HT40 MCS5 | 85 | 83.71 |
| HT40 MCS6 | 84.95 | 83.66 |
| HT40 MCS7 | 85.05 | 83.77 |