

# W37T-DCS-MTN

| Items                                 |               | Uplink  | Downlink            |
|---------------------------------------|---------------|---|---------------------|
| Frequency Range                       |               | 1722.7 ~ 1734.7 MHz   | 1817.7 ~ 1829.7 MHz |
| Bandwith                              |               | 12 MHz  | 12 MHz              |
| Output Power                          |               | 27±2 dBm  | 37±2 dBm            |
| Gain                                  |               | 85±2 dB   | 90±2 dB             |
| Ripple                                |               | ≤4 dB   | ≤4 dB               |
| ATT step of 1dB                       | 1 ~ 10dB      | Δ   ≤1 dB   | Δ   ≤1 dB           |
|                                       | 10 ~ 20dB     | Δ   ≤1 dB   | Δ   ≤1 dB           |
|                                       | 20 ~ 30dB     | Δ   ≤1.5 dB   | Δ   ≤1.5 dB         |
| ALC Active 10dB                       |               | Δ   ≤2 dB   | Δ   ≤2 dB           |
| Out of Band Gain                      | ± 600 KHz     | ≤ 60 dB   | ≤ 60 dB             |
|                                       | ± 1 MHz       | ≤ 45 dB   | ≤ 50 dB             |
|                                       | ± 5 MHz       | ≤ 35 dB   | ≤ 40 dB             |
| Max. Input Power Without Damage       |               | -10 dBm   | -10 dBm             |
| Intermodulation Products              |               | ≤ -45 dBc   | ≤ -45 dBc           |
| Spurious Emission                     | 9KHz~1GHz     | ≤ -36 dBm   | ≤ -36 dBm           |
|                                       | 1GHz~12.75GHz | ≤ -30 dBm   | ≤ -30 dBm           |
| Noise Figure @ max. gain              |               | ≤5 dB   | ≤5 dB               |
| VSWR                                  |               | ≤1.5  | ≤1.5                |
| Time Delay                            |               | ≤5 μs   | ≤5 μs               |
| Power Indication                      | Power ON      | Green   |                     |
|                                       | Power OFF     | No Light  |                     |
| Alarm Indication                      | Normal        | Green   |                     |
|                                       | Alarm         | Red   |                     |
| Monitoring and control                | Local         | RS232   |                     |
|                                       | Remote        | GSM Modem   |                     |
| Local Control Or Remote Control       |               | 1.Repeater Info   |                     |
|                                       |               | 2.UL&DL Gain  |                     |
|                                       |               | 3.Over Output Power Alarm Level Limit   |                     |
|                                       |               | 4.Temperature Alarm Level Limit   |                     |
| Local Monitoring Or Remote Monitoring |               | 1.Output Power  |                     |
|                                       |               | 2.Temperature   |                     |
|                                       |               | 3.Alarms(Over Output Alarm, Over Temperature Alarm, Power Supply Alarm, PLL Unlock) |                     |
| Power Supply                          |               | AC 220V±20%, 47-63Hz  |                     |
| Power Consumption                     |               | ≤120W   |                     |

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| Items                  | Uplink      | Downlink |
|------------------------|-------------|----------|
| RF Connector           | N-Female    |          |
| Environment Conditions | IP65        |          |
| Humidity               | < 90%       |          |
| Operating Temperature  | -10°C~+55°C |          |