### SPECIFICATIONS

**Frequency Range**  
2200 - 2507 MHz

**RF Modulation**  
OFDM (64QAM, 16QAM, QPSK, BPSK)

**Antenna Chains**  
3 Independent RF Chains

**TX/RX Operating Modes**  
All MIMO modes from SISO to 3x3

**Channel Bandwidth**  
5, 10, and 20 MHz  
Software Configurable

**Peak TCP Throughput**  
150 Mbps at 20 MHz Channel

**MIMO Techniques**  
Maximal Ratio Combining  
Space-Time Block Coding  
Spatial Multiplexing

**Max. Aggregate Transmit Power**  
10W (3.3W per RF Chain)

**Antenna Ports**  
(3) SMP (50 Ohms)

**TX Power Control**  
35 to 16.5 dBm, 0.5 dB per step

**Power Control Accuracy**  
+/- 2 dB

**Frequency Accuracy**  
+/- 4 ppm, max.

**Minimum Receiver Sensitivity**  
-98 dBm at 5 MHz bandwidth, BPSK

**Max. RF Input**  
-20 dBm

**Max. Aggregate Transmit Power**  
10W (3.3W per RF Chain)

**Antenna Ports**  
(3) SMP (50 Ohms)

**TX Power Control**  
35 to 16.5 dBm, 0.5 dB per step

**Power Control Accuracy**  
+/- 2 dB

**Frequency Accuracy**  
+/- 4 ppm, max.

**Minimum Receiver Sensitivity**  
-98 dBm at 5 MHz bandwidth, BPSK

**Max. RF Input**  
-20 dBm

**Max. RF Input without Damage**  
+10 dBm

**Max. Peak Power Consumption, TX**  
40W (3 Chains @ 10W)

**Power Consumption, RX**  
1.8W (3 Chains)

**Operating Temperature**  
-40°C to +85°C

**ESD Protection**  
+/- 8KV Contact discharge, per IEC 61000-4-2

**Dimensions**  
3.8 x 2.6 x 0.5 in.  
9.7 x 6.6 x 1.3 cm

**Weight**  
4.6 oz.  
130 g