RF-1150
High Power L-Band Interchangeable Frequency Module

SPECIFICATIONS

**Frequency Range**
1350 - 1390 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**

**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**
TBD

**Power Consumption, RX**
TBD

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

**ESD Protection**
+/- 8KV Contact discharge, per IEC 6100-4-2

**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

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