



LOWER C-BAND MODULE

Frequency Range	4430 – 5000 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	120 Mbps at 20 MHz Channel
MIMO Techniques	Maximal Radio Combining Space-Time Block Coding Spatial Multiplexing
Max. Aggregate Transmit Power	6W (2W per RF Chain)
Antenna Ports	(3) SMP (50 Ohms)
TX Power Control	33 to 16.5 dBm, 0.5 dB per step

Power Control Accuracy	+/- 2 dB
ISM Band Certifications	FCC Part 15 Subpart C, 15.247 RSS-247, Issue 1, May 2015 RSS-GEN, Issue 4, November 2014 ANSI C63.10: 2013 ANSI C63.4: 2014
Frequency Accuracy	+/- 4 ppm, max.
Minimum Receiver Sensitivity	-98 dBm at 5 MHz bandwidth, BPSK
Max. RF Input	-10 dBm
Max. RF Input without Damage	+10 dBm
Max. Peak Power Consumption, TX	50W
Power Consumption, RX	5W
Operating Temperature	-40°C to +85°C
ESD Protection	+/- 8KV Contact discharge, per IEC 6100-4-2
Dimensions	4.0 x 2.6 x 1.4 in. 10.3 x 6.6 x 1.4 cm
Weight	6.98 oz. 197 g

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Technical Specifications quoted are verified but do not indicate the maximum performance limitations of the equipment. Specifications are subject to change without notice. E & OE Issue A