

Power Measurement Characteristics

	Average Power	Burst Average Power	Crest Factor Peak-to- Average	Peak Envelope Power	Complementary Cumulative Distribution Function (CCDF)
Power Measurement Range	0.15W - 150W	2W - 150W average	0.15W - 150W average	4.0W - 400W	0.1 - 100%
Peak/Average Ratio	12 dB max.	-	-	-	-
Burst Width	-	0.2 us to 50 ms, Duty Cycle Entered 1 us to 50 ms Duty Cycle Measured	-	-	-
Repetition Rate	-	15 Hz min.	-	-	-
Duty Cycle	-	D=Burst Width/Period, 0.001 to 1	-	-	-
Threshold Level Range	-	-	-	-	2W to 400W
Level Set Accuracy	-	-	-	-	±5% of level ±0.5W
Measurement Uncertainty	±4% of reading ±0.05W, (+15°C to +35°C) 7% of reading ±0.05W, (+15°C to +50°C) add ±2% of reading if Duty Cycle Measured	±4% of reading ±0.05/D W, Duty Cycle Entered, (+15°C to +35°C) 7% of reading ±0.05/D W, Duty Cycle Entered, (+10°C to +50°C)	Sum of peak and average power uncertainty	±7% of reading ±0.2W from 200 μs (+15°C to +35°C) ±10% of reading ±0.4W from 1 μs (+15°C to +35°C) add ±3% of reading if temperature -10°C to +15°C or +35°C to +50°C add ±1.5% of reading+ 0.15W for period>0.1 seconds add ±0.1W for D from 0.001 to 0.1 add ±5W or reading for burst widths less than 1 μs add ±10% of reading for burst widths less than 0.5 μs	±0.2%