Table 1-5 25 Watt sensors, 1 mW to 25 W (0 dBm to +44 dBm)

Model	Frequency Range	Maximum SWR	Power Linearity[a]	Maximum Power	Connector Type	Weight
8481B	10 MHz to 18 GHz	10 MHz to 2 GHz: **1.10** 2 GHz to 12.4 GHz: **1.18** 12.4 GHz to 18 GHz: **1.28**	+35 dBm to +44 dBm: ±4%	0°C to 35°C: 30W avg[b] 35°C to 55°C: 25W avg 0.01 to 5.8 GHz: 500W pk 5.8 to 18 GHz: 125W pk 500W.µs / pulse	Type-N(m)	Net: 0.8 kg (1.75 lb) Shipping: 1.5 kg (3.25 lb)
8482B	100 kHz to 4.2 GHz	100 kHz to 2 GHz: **1.10** 2 GHz to 4.2 GHz: **1.18**	+35 dBm to +44 dBm: ±4%	0°C to 35°C: 30W avg[b] 35°C to 55°C: 25W avg 0.1 to 4,2 GHz: 500W pk 500W.µs / pulse	Type-N(m)	Net: 0.8 kg (1.75 lb) Shipping: 1.5 kg (3.25 lb)

a. Negligible deviation except for those power ranges noted.
b. For pulses greater than 30 W, the maximum average power (Pa) is limited by the energy per pulse (E) in W.µs according to Pa = 30-0.02 E.

Table 1-6 3 Watt sensors, 100 µW to 3 W (–10 dBm to +35 dBm)

Model	Frequency Range	Maximum SWR	Power Linearity[a]	Maximum Power	Connector Type	Weight
8481H	10 MHz to 18 GHz	10 MHz to 8 GHz: **1.20** 8 GHz to 12.4 GHz: **1.25** 12.4 GHz to 18 GHz: **1.30**	+25 dBm to +35 dBm: ±5%	3.5W avg, 100W pk 100W.µs / pulse	Type-N(m)	Net: 0.2 kg (0.38 lb) Shipping: 0.5 kg (1.0 lb)
8482H	100 kHz to 4.2 GHz	100 kHz to 4.2 GHz: **1.20**	+25 dBm to +35 dBm: ±5%	3.5W avg, 100W pk 100W.µs / pulse	Type-N(m)	Net: 0.2 kg (0.38 lb) Shipping: 0.5 kg (1.0 lb)

a. Negligible deviation except for those power ranges noted.