

# I&Q Modulator

# IQBG-2000A+

## Typical Performance Data

CARRIER FREQUENCY I/Q = 0.1 MHz (MHz)	CONVERSION LOSS (dB)	SIDEBAND REJECTION LSB (-dBc)	CARRIER REJECTION (-dBc)	3rd. HARMONIC SUPPRESSION	
				L-3 I (-dBc)	L+3 I (-dBc)
1800	7.25	36.50	24.72	48.80	78.04
1850	7.45	37.50	26.41	50.52	73.47
1900	7.66	37.55	26.47	53.47	76.07
1950	8.02	36.31	28.23	54.98	69.41
2000	8.30	33.57	28.80	56.50	72.13

LO Power=+10 dBm, I/Q Power=-10 dBm.

Typical 5th Harmonic Suppression performance: at noise floor, -79 dBc.