Poptical	Headroom (with 10 dB Var attn)	Operating RF power (for >20 dB SNR)	SNR with RF $i/p = -30 \text{ dBm}$
-3	35	-50 to -15	70
-5	35	-45 to -10	67
-8	30	-45 to -15	63
-10	25	-40 to -15	60
-12	20	-35 to -15	57
-15	20	-30 to -10	51