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	Requirements	Current	Real example
LNA	R_s =50 Ω , NF=4dB	2mA	7-12mA
Mixer	Active	(2X2mA)	2X5-12mA
VCO	L(@)=100dBc/Hz @ 100kHz 1.8-6GHz	3-36mA	4-10mA
IF	4th order; BW=0.35-20MHz	2X9.2mA	2X10mA













