

Transceiver Characterization Chart

RECEIVER

	DC Power	Gain (Power)	Linearity (1dB Point)	Linearity (IP3)	Noise Fig	Input Impedance	Output Impedance
LNA	mW	dBm	MHz,dBm	MHz,dBm	dB	Ω	Ω

	DC Power	Gain (Conversion)	Linearity (1dB Point)	Linearity (IP3)	LO Input Voltage
Mixer	mW	V / V	MHz,dBm	MHz,dBm	mV

	DC Power	Gain (Voltage)
IF Amp	mW	dBμV

	DC Power	Sensitivity 'k'	Frequency Range	Center Frequency	Min. Input Signal	Linearity (THD)
PLL	mW	V / Hz	kHz	kHz	mV	dB or %

	DC Power	Gain (Pre-PLL)	Bandwidth	Linearity (THD)	Min. Detect Signal	Battery Life
Overall	mW	dB	kHz	dB or %	dBm	minutes

TRANSMITTER

	DC Power	Gain (Voltage)	Linearity
Audio Amp	mW	V / V	dB or %

	DC Power	Sensitivity 'k'	Tuning Range	Bandwidth	Output Power
VCO	mW	Hz / V	kHz	kHz	dBm

	DC Power	Gain (Power)	Efficiency	Input Impedance	Output Impedance
Power Amp	mW	dBm	kHz	kHz	V / Hz

	DC Power	Output Power	Audio Range	Bandwidth	Max Distance	Battery Life
Overall	mW	dBm	Hz - kHz	kHz	m	minutes