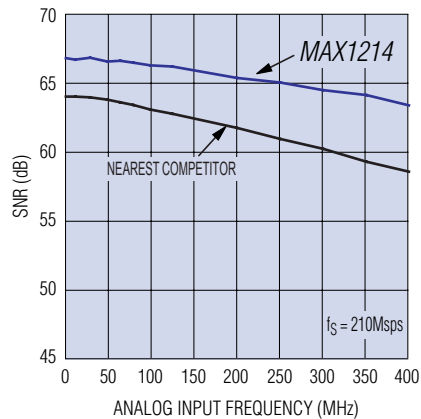


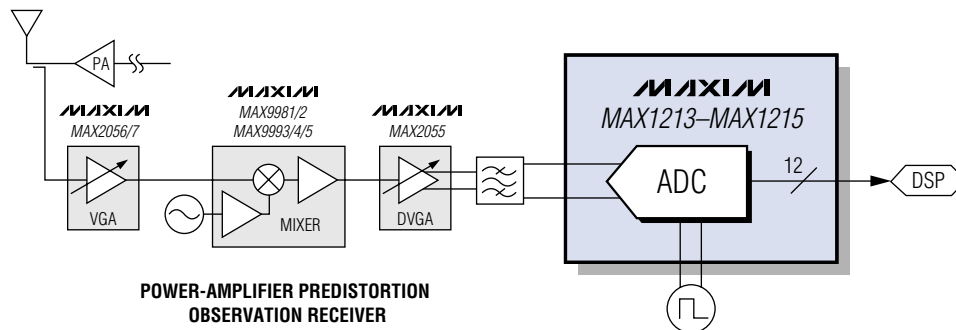
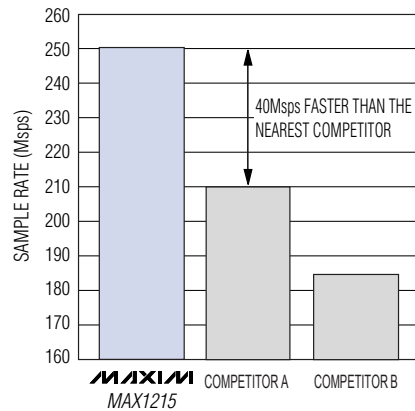
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Pin-Compatible 8-/10-/12-Bit ADC Family for Broadband Communications

OUTSTANDING DYNAMIC PERFORMANCE



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- ◆ **Excellent Dynamic Performance**
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 - ◆ SNR = 64.3dB at $f_{IN} = 250\text{MHz}$
 - ◆ 62.2dB NPR at $f_{NOTCH} = 22\text{MHz}$ and Noise Bandwidth = 35MHz
- ◆ **36% Lower Power:**
820mW at $f_s = 210\text{MSPS}$
- ◆ **Pin-Compatible 8-/10-/12-Bit Versions**
- ◆ **CMOS or LVDS Interface**

Part	Resolution (Bits)	Speed (MSPS)	SNR (dB) $F_{IN} = 180\text{MHz}, -1\text{dB}$	Interface
MAX1215	12	250	65.8	LVDS
MAX1214	12	210	65.7	LVDS
MAX1213	12	170	65.8	LVDS
MAX1124/23/22	10	250/210/170	56.3/57/57.1	LVDS
MAX1121	8	250	48.8	LVDS
MAX19542	12	170	64.5	CMOS
MAX19541	12	125	65	CMOS



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