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APPENDIX: ACRONYMS AND ABBREVIATIONS

$\Sigma \Delta$	sigma-delta
ACSSB	amplitude companded single-sideband
ADC	analog-to-digital converter
AGC	automatic gain control
AMPS	advanced mobile phone service
ARPA	Advanced Research Projects Agency
ASIC	application specific integrated circuit
BW	bandwidth
CDMA	code-division multiple access
CDPD	cellular digital packet data
CW	continuous-wave
DAB	digital audio broadcast
DAC	digital-to-analog converter
DBS	direct broadcast satellite
DME	distance measuring equipment
EMC	electromagnetic compatibility
ENOB	effective number of bits
FFT	Fast Fourier Transform
FIR	finite impulse response
FSR	full scale range
GPS	global positioning system
HF	high frequency
IC	integrated circuit
IF	intermediate frequency
IIR	infinite impulse response
ILS	Instrument Landing System
IMD	intermodulation distortion
LO	local oscillator
LSB	least significant bit
MA	magnitude amplifier
MFLOPS	millions of floating-point operations per second
MS	mean squared
MSB	most significant bit
N-AMPS	narrowband AMPS
NF	noise figure
NPR	noise power ratio
NTIA	National Telecommunications and Information Administration
PCS	personal communications services
RF	radio frequency
SFDR	spurious free dynamic range
SHA	sample-and-hold amplifier
SINAD	signal-to-noise plus distortion ratio
SNR	signal-to-noise ratio
SNR_{aj}	signal-to-noise ratio due to aperture jitter

SRD	step recovery diode
SSB	single-sideband
TDMA	time-division multiple access
THA	track-and-hold amplifier
TTIB	transmit tone in band
VHF	very high frequency