

Biography

Ray Perez (PhD, PE) has served as a satellite design and systems engineer with 14 years industrial experience in satellite and launch vehicle subsystems electronic designs. Ray Perez has been involved in the design and development of wireless and telecommunications hardware for satellites such as transponders, transceivers, RF switches, antennas, amplifiers (TWTA and solid state), ground telemetry and relay stations, RF modems. Ray has also performed the design and development of many other spacecraft hardware such as those in the command and data handling processing hardware (e.g. flight computers, input/output processing, data acquisition), command and control, attitude control, and power. In total, R.Perez has been involved in the design and manufacture of eight successful spacecraft and four science instruments (or sensors). During all his professional career Ray Perez has been associated with the Jet Propulsion Laboratory but has also served as a consultant to the private satellite industry. He is an adjunct faculty at the college of engineer for the University of Denver, and previously served the same function at UCLA.