

COM DEV Broadband  
FCC §2.1033 (13)  
Digital Modulation  
M/ERGY "Access Point"

Digital Modulation is used in the Access Point (base station). ASIC's and DSPs are used to create I and Q streams which are then fed into an I and Q modulator and upconverted before being broadcast. The modulation response characteristics (frequency, phase and amplitude) as well as a description of the modulating wave train are consistent with, and described in detail in, Chapter 9 of TIA/EIA standard IS-856, CDMA 2000 High Rate Packet Data Air Interface Specification.