

ALTERNATIVE PSD TEST METHOD PER FCC

The rate of the spreading / despreading code is 19.2655K code sequences per second. The signal carries another modulation at 642 Hz; thus, the spectral line spacing is 642 Hz which is less than 3 KHz. The testing for spectral density is performed according to FCC Public Notice 54797 for devices with spectrum line spacing equal to, or less than, 3 KHz. The spectral density was taken at a resolution bandwidth lower than 3 kHz per the public notice and the power was normalized to a 3 kHz bandwidth. The sweep time was longer than normal due to the rule that sweep time shall be (span/resolution bandwidth). As the resolution bandwidth was set low enough resolve individual lines the sweep time had to be increased.

The same alternative procedure may be found in Federal Register / Vol. 62, No. 92 / Tuesday, May 13, 1997 / Rules and Regulations/ Section 26243