

ALTERNATIVE PSD TEST METHOD PER FCC

The rate of the spreading / despread 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 to 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