

2. Photograph of the test configuration



3. Sample Calculation

With the resolution bandwidth set at 100 kHz, the EUT produces a pulse spectrum on the spectrum analyzer because the bandwidth of the analyzer is greater than or equal to the PRF (≥ 167 Hz).

Therefore, as mentioned in HP Application Note 150-2 (page 11), the pulse desensitization(ρ_p) equals zero and the display amplitude is essentially a peak level.

The measured field strength was determined from the averaging absolute voltage during 0.1 second interval because the pulse repetition time of the EUT($=427$ ms) exceeded 0.1 seconds (15.35(c)). See graphs of page 12 and Description of Circuit Operation..