

2. Photograph of the test configuration



3. Sample Calculation

The measured field strength was determined by averaging one complete pulse train including blanking interval because the pulse repetition time of the EUT(=51.0 ms) does not exceeds 0.1 seconds (15.35(c)). See graphs of page 12.

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 (=1428 Hz).

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