Operational Description

The transmitter of the EUT is powered by power adapter and connected with managing computer through RJ45 port. The antenna type is Dipole antenna. There is no antenna connector. Under normal use condition, the user has to keep at least 20cm separation distance between radiator and the body of the user.
The other instruction, please have a look at the users manual.

DSSS Information

This device is Direct Sequence Spread Spectrum, the data is mixed by pseudorandom code which is an orthogonal code. The mixed data is digital modulated by BPSK and QPSK technique depends on the data rates.
The CCK coding is applied for increasing the data rate, and also the processing gain will be increased. The bit rates are 1,2,5.5,11,22Mbps, the symbol rates are 1,1,1.375,1.375,1.375 Mbps, the chip rates are always 11Mbps.
So, the Chip/symbol is 11,11,8,8,and16 respectively. Although is higher bit rate, the processing gain is lower than 10, but the CCK coding used in higher bit rate will provide 2.2dB coding gain.