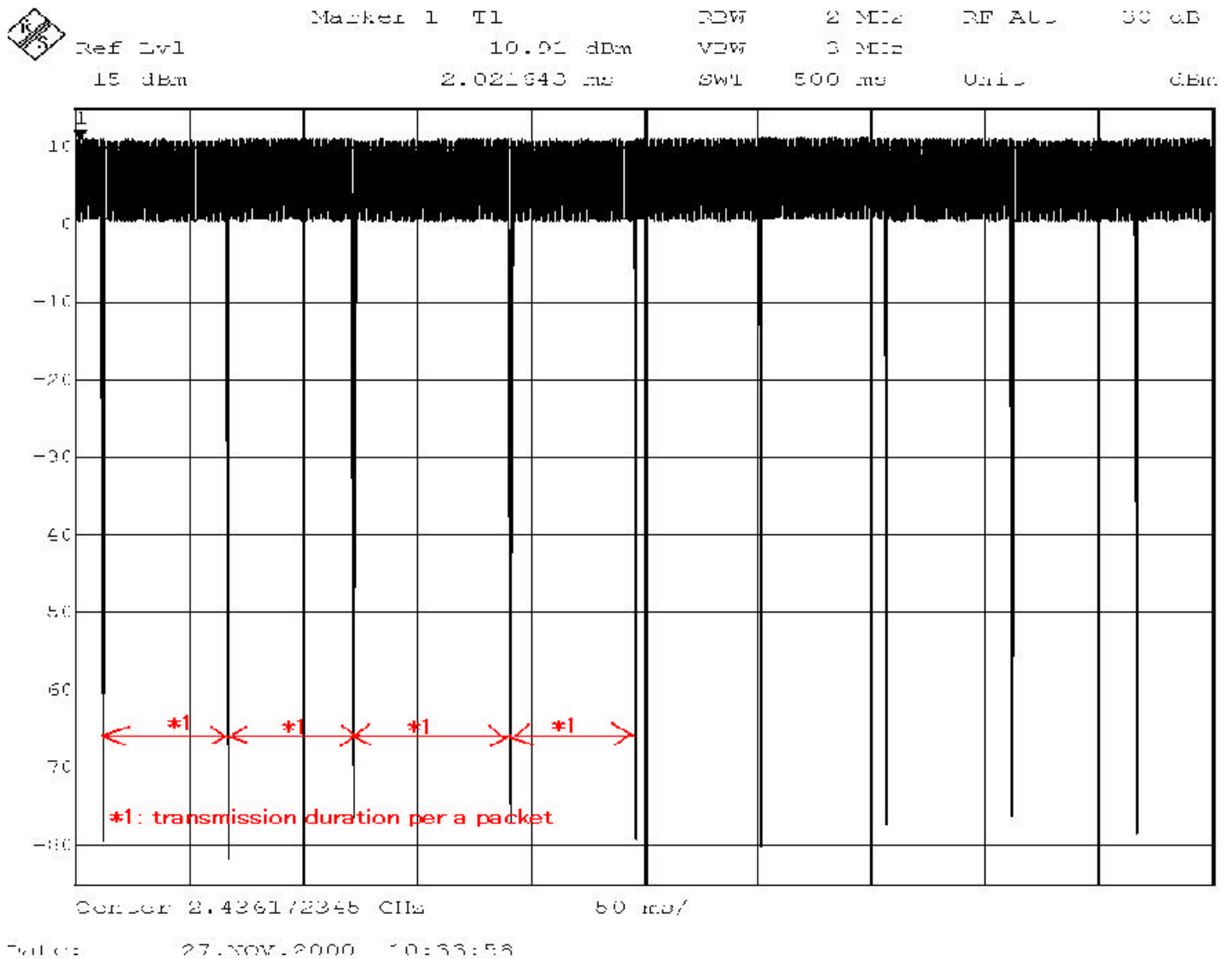


Attachment-4 RF Exposure

SP(1): The peak conducted output power of the applying equipment is 15 dBm (P = 31.6mW). This measurement was performed at the maximum condition with CW(continuous wave) as shown below. So the source-based time-averaging duty factor is considered as 100% duty.



And the peak radiated (EIRP) output power is calculated as follows.

$$P \times G = 32.6\text{mW} \times \text{Log}^{-1} \left(\frac{5.2\text{dBi(antenna gain)}}{10} \right) = 105\text{mW}$$

Therefore this applying equipment is classified as the Transmitter Category V), Part 15 Fixed and Mobile Transmitters, [Section F](#).

SP(3): In line with the instruction of Section F, the users notification shown in the next page is delivered to customers associated with the users manual.

But the wording is adapted accordingly, since the antenna of the equipment is not installable by users.

SP(5): The applying equipment has 11 channels, but it selects one of the available frequencies in the link establishing phase in line with the standard CCA procedure of IEEE802.11b, then starts radiocommunication in a single frequency band.

SP(7): Not applicable, since the antenna of the applying equipment is not installable nor detachable by users.

SP(8): The document referred to SP(3) indicates the operating instructions of which conditions are for satisfying FCC RF exposure compliance. AS to the installation instructions, it's not applicable for the equipment as mentioned in SP(7).

Exposure to Radio Frequency Energy



Part Number : xxxxxxx

IMPORTANT NOTE

To comply with FCC RF exposure compliance requirements, a separation distance of at least 20 cm (8 inches) must be maintained between the antenna of this device and all persons.

