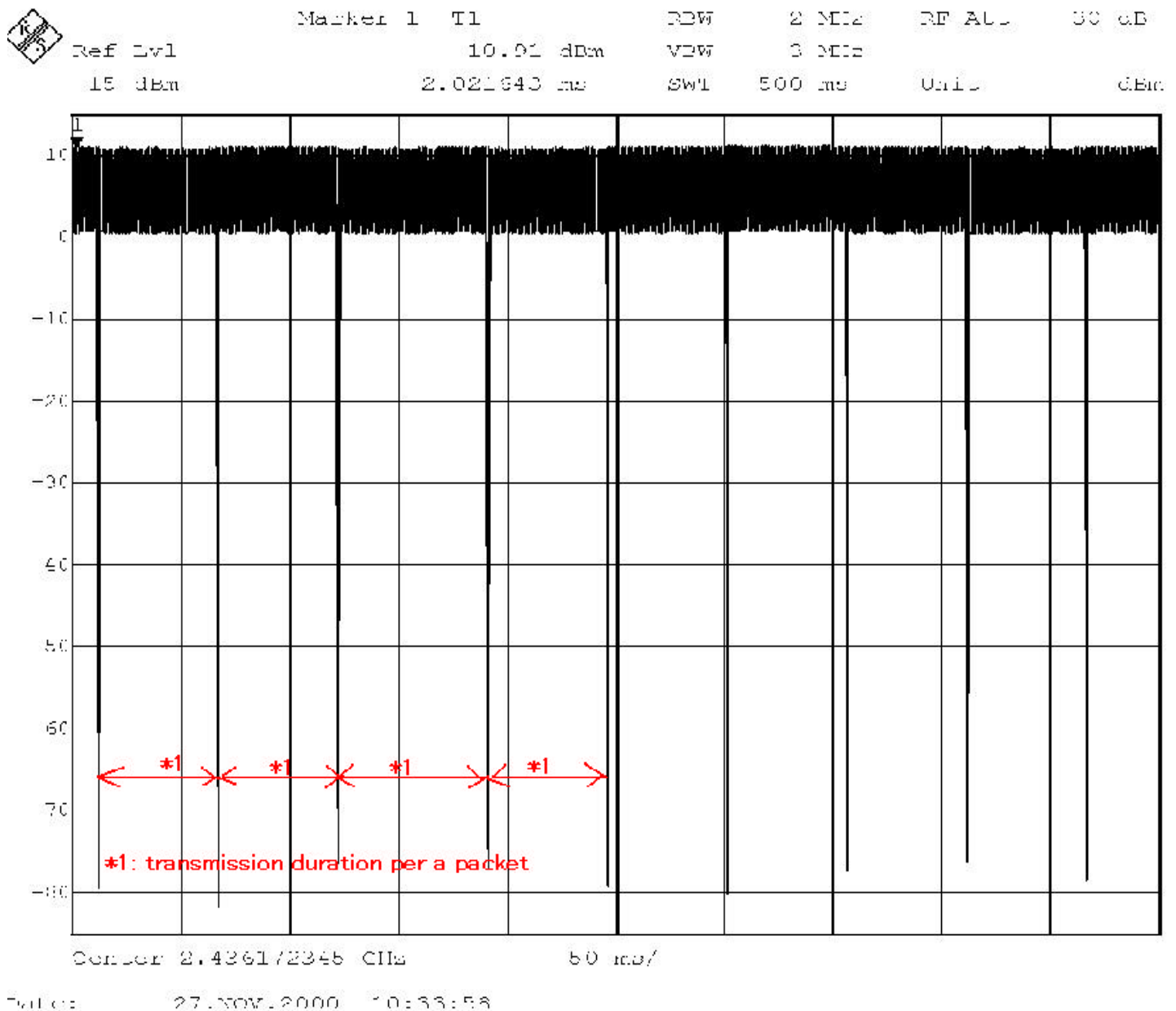


9. RF EXPOSURE

SP(1): The peak conducted output power of the applying equipment is 17.5 dBm ($P = 56.2\text{mW}$). This measurement was performed at the maximum condition with the continuous transmission mode 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.

$$P + G = 17.5 \text{ dBm} + (-1.2 \text{ dBi(antenna gain)}) = 16.3 \text{ dBm (42.7 mW)}$$

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.

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): The antenna installation instructions and device operating conditions for installers to satisfy RF exposure requirements are presented in the users notification shown in the next page.

SP(8): The installation and operating instructions, of which conditions are for satisfying FCC RF exposure compliance, are presented in the users notification shown in the next page.

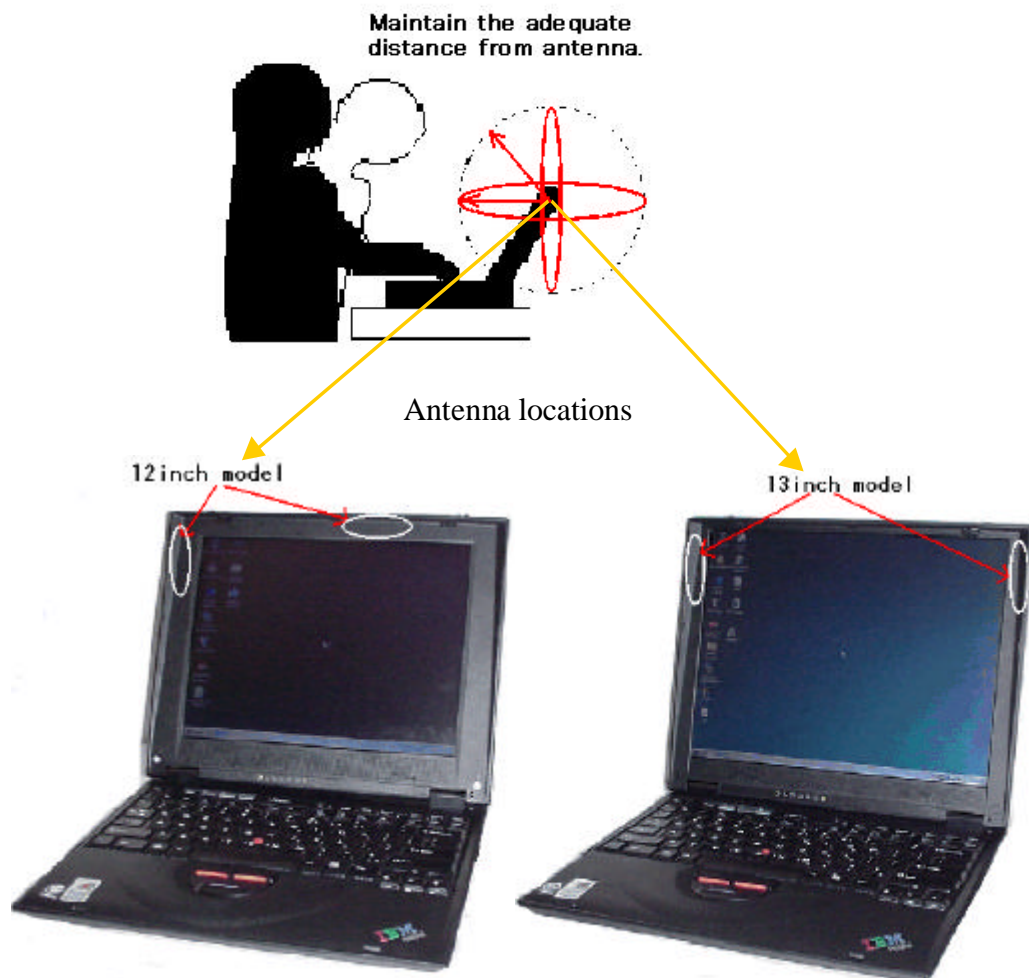
Exposure to Radio Frequency Energy



Part Number : xxxxxxxx

IMPOTANT 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.



FCC Certification of this device prohibits the use of any other Radio Frequency wireless device in conjunction with your ThinkPad i Series notebook wireless LAN. Do not use any wireless PCMCIA card in your ThinkPad i Series notebook while operating the internal wireless LAN function. Furthermore, any tampering of the internal antenna will void the FCC Certification and your warranty.