
Exposure to Radio Frequency Signals

The following information includes important safety guidelines regarding exposure to radio frequency (RF) signals and the use of electronic devices.

Your modem is a low power radio transmitter and receiver. When it is ON, it receives and also sends out RF signals. The USB Stick Modem has been evaluated against the Specific Absorption Rate (SAR) limits defined by the FCC for devices of this type. The highest reported SAR value complies with the 1.6W/kg averaged over 1g limit.

This USB modem is approved for use in normal size laptop computers only (typically with 12 inch or larger display screens). To comply with FCC RF exposure requirements, this modem should not be used in configurations that cannot maintain a distance of at least 5mm (approximately 0.2 inch) from users and bystanders.

In configurations where the 5mm cannot be maintained consult your service provider for advice. Examples where this may occur are certain small laptops and tablet computers or configurations where the USB connectors on the host computer are unable to provide or ensure the necessary separation between the modem and its users or bystanders to satisfy the RF exposure compliance requirements.

If you use the modem in accordance with these guidelines, the level of RF exposure will fall within the guidelines and the standards previously identified.

The modem can be used with the remote antenna accessory, the remote antenna accessory has been evaluated against the Specific Absorption Rate (SAR) limit and complies with the 1.6W/kg averaged over 1g limit. Ensure a separation distance of at least 10mm is maintained between the remote antenna accessory and the user and bystanders.

The maximum gain of the remote antenna must not exceed 1.7dBi (-0.45dBd), operating the modem with an antenna gain exceeding this limit may void the user's authority to operate the equipment.

IPW-2741 Iss.3