RF EXPOSURE INFORMATION

RADIO FREQUENCY EXPOSURE (HAZARD) INFORMATION
Testing was performed in accordance with the requirements of FCC Part 15.247(i) and FCC Part 15.407(f).

Spread spectrum transmitters operating in the 2400 - 2483.5 MHz & 5725 – 5850 MHz (15.247) and 5.15 – 5.35 GHz & 5.47 – 5.725 GHz (15.407) bands are required to be operated in a manner that ensures that the public is not exposed to RF energy levels in accordance with CFR 47, Section 1.1307(b)(1).

In accordance with this section and also section 2.1093 this device has been defined as a portable device.

Intel Dual Band Wireless-AC 7265 (Stone Peak) (11ac/abgn) + BT V4.0 Transmitter, Model: 7265NGW, module was installed in the LifeBook T Series, Model: T725.

SAR testing was performed in accordance with OET Bulletin 65 and reported under EMC Technologies reports M141024_FCC_7265NGW_SAR_2.4 (2.4 GHz) and M141024_FCC_7265NGW_SAR_5.6 (5.18 – 5.825 GHz).

The Wireless LAN Module incorporates Bluetooth Transmitter, which can only transmit via Antenna B (2). The Bluetooth maximum power was 6dBm (including tune-up) therefore it did not require SAR testing as a stand-alone transmitter.

According to the section 4.3.2 of the KDB 447498 the estimated SAR of the Bluetooth is given by the formula:
[(*max. power of channel, including tune-up tolerance, mW*)/(*min. test separation distance, mm*)]·[√f(2.45GHz)/*x*] W/kg
Result - [(**3.98 mW**)/(**5**mm)] ·[√f(GHz)/7.5]**=0.1** W/kg.

2.4 GHz
The highest SAR for the antenna B (2) was 0.246 mW/g the highest SAR for antenna A(1) was 0.098 mW/g, the sum of the 1-g SAR (0.246+0.098=0.344 mW/g) is less than SAR limit (1.6 mW/g). So SAR test exclusion applies to the simultaneous transmission configuration.

5.6 GHz
The highest SAR for the antenna B (2) was 0.398 mW/g the highest SAR for antenna A(1) was 0.331 mW/g, the sum of the 1-g SAR (0.398+0.331=0.729 mW/g) is less than SAR limit (1.6 mW/g). So SAR test exclusion applies to the simultaneous transmission configuration.

RF exposure and labeling will be addressed by Fujitsu according to FCC multi-transmitter and modular procedures.