

Co-Located RF Exposure Condition

FCC ID: N7NMC8355 (IC: 2417C-MC8355)

With

FCC ID: EJE-WL0027 (IC: 337J-WL0027)

FCC ID: QDS-BRCM1043 (IC: 4324A-BRCM1043)

In accordance with this section and also section 2.1091 this device has been defined as a portable device and SAR testing was performed in accordance with OET Bulletin 65.

The UMTS module was certified by Sierra Wireless INC as a modular approval under FCC ID: N7NMC8355 and IC: 2417C-MC8355. Fujitsu has now tested this UMTS radio module in this notebook T902 for RF exposure. The highest SAR value measured 0.641 mW/g complied with the FCC human exposure requirements of 47 CFR 2.1093 (d). Refer to EMC Technologies report: M120637_FCC_MC8355_SAR_GSM-UMTS.

The intention of this Class II Permissive Change application is to enable the certified MC8355 Sierra Wireless UMTS module FCC ID: N7NMC8355 and IC: 2417C-MC8355 to be co-located with the followings WLAN and BT modules:

FCC ID: EJE-WL0027 (IC: 337J-WL0027)

Intel 62205ANHMW WLAN module was installed in the Portable PC T902 Fujitsu LifeBook. SAR testing was performed in accordance with OET Bulletin 65 and reported under EMC Technologies reports M120603_FCC_62205ANHMW_SAR_2.4 (2.4 GHz) and M120603_FCC_62205ANHMW_SAR_5.6 (5.18 – 5.825 GHz). SAR values of 1.36 mW/g (5GHz) and 0.364 mW/g (2.4GHz) were measured which complied with the FCC human exposure requirements of 47 CFR 2.1093 (d).

FCC ID: QDS-BRCM1043 (IC: 4324A-BRCM1043)

The other transmitter installed in the Portable PC T902 Fujitsu LifeBook is a **Broadcom Bluetooth Module, Model: BCM92070MD_REF6**. This Bluetooth module was originally certified by Broadcom as a modular approval under FCC ID: QDS-BRCM1043 (Canada ID: 4324A-BRCM1043). SAR measurements were not required because the Bluetooth transmit power is very low and Bluetooth antenna is located at more than 5cm away from the other transmitting antennas. RF exposure and labeling will be addressed by Fujitsu according to FCC multi-transmitter and modular procedures.

Also, refer to EMC Technologies reports M120637_FCC_MC8355_SAR_GSM-UMTS for SAR multi-band evaluation.