

Co-Located RF Exposure Condition

FCC ID: EJE-WB0051 (IC ID: 337J-WB0051)
FCC ID: N7NMC8781-F (IC ID: 2417C-MC8781)

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 AR5BXB6 Atheros WLAN module and EYTF3CSFT TAIYO YUDEN Bluetooth Module have been recently certified by Fujitsu under the FCC ID: EJE-WB0051 (IC ID: 337J-WB0051). The highest SAR value measured 1.59 mW/g and complies with the FCC human exposure requirements of 47 CFR 2.1093(d). Refer to EMC Technologies reports M070614_Cert_AR5BXB6_SAR_2.4 and M070614_Cert_AR5BXB6_SAR_5.6.

The UMTS module was certified by Sierra Wireless INC as a modular approval under FCC ID: N7NMC8781-F (Canada ID: 2417C-MC8781). Fujitsu has now tested this UMTS radio module in this tablet convertible notebook T2010 for RF exposure. The highest SAR value measured 1.01 mW/g complies with the FCC human exposure requirements of 47 CFR 2.1093 (d).

The co-location SAR testing performed by simultaneously operating of WLAN, BT and WWAN (UMTS) and the highest SAR value measured 0.96 mW/g complies with the FCC human exposure requirements of 47 CFR 2.1093(d). Refer to EMC Technologies report M071031_Cert_MC8781_SAR_GSM-UMTS.

The intention of this Class II Permissive Change application is to enable the certified MC8781 Sierra Wireless UMTS module to be co-located with AR5BXB6 WLAN and EYTF3CSFT BT modules. Independent antennas are used for each of the Radio modules and simultaneous transmission is possible.