

Co-Located RF Exposure Condition

FCC ID: N7NMC8781-F (IC ID: 2417C-MC8781)
with

FCC ID: EJE-WB0059 (IC ID: 337J-WB0059)

FCC ID: EJE-WB0058 (IC ID: 337J-WB0058)

FCC ID: EJE-WB0060 (IC ID: 337J-WB0060)

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 intention of this Class II Permissive Change application is to enable the certified MC8781 Sierra Wireless UMTS module (FCC ID: N7NMC8781-F (IC ID: 2417C-MC8781)) to be co-located with the followings WLAN and BT modules.

FCC ID: EJE-WB0059 (IC: 337J-WB0059) – AR5BHB92 WLAN and EYSMJCS Bluetooth.

FCC ID: EJE-WB0058 (IC: 337J-WB0058) – 533AN_HMW WLAN and EYSMJCS Bluetooth.

FCC ID: EJE-WB0060 (IC: 337J-WB0060) – 512AN_HMW WLAN and EYSMJCS Bluetooth.

Independent antennas are used for each of the Radio modules and simultaneous transmission is possible.

The AR5BHB92 Atheros WLAN module and EYSMJCS TAIYO YUDEN Bluetooth Module have been recently certified by Fujitsu under the FCC ID: EJE-WB0059 (IC ID: 337J-WB0059). The highest SAR value measured 0.225 mW/g and complies with the FCC human exposure requirements of 47 CFR 2.1093(d).

The 533AN_HMW Intel WLAN module and EYSMJCS TAIYO YUDEN Bluetooth Module have been recently certified by Fujitsu under the FCC ID: EJE-WB0058 (IC ID: 337J-WB0058). The highest SAR value measured 1.54 mW/g and complies with the FCC human exposure requirements of 47 CFR 2.1093(d).

The 512AN_HMW Intel WLAN module and EYSMJCS TAIYO YUDEN Bluetooth Module have been recently certified by Fujitsu under the FCC ID: EJE-WB0060 (IC ID: 337J-WB0060). The highest SAR value measured 0.108 mW/g and complies with the FCC human exposure requirements of 47 CFR 2.1093(d).

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 Tx010 for RF exposure. The highest SAR value measured 1.04 mW/g complies with the FCC human exposure requirements of 47 CFR 2.1093 (d). Refer to EMC Technologies reports M080620_Cert_MC8781_SAR_GSM-UMTS and M080622_Cert_MC8781_SAR_GSM-UMTS