

TECHNICAL ACCEPTANCE CERTIFICATE NO: AN1114245
ISSUED UNDER THE AUTHORITY OF
THE CERTIFICATION AND ENGINEERING BUREAU OF INDUSTRY CANADA
BY



CERTIFICATION NO	▶2417C-SL8090
CERTIFICATION PROCEDURE	▶FAMILY CERTIFICATION-EXISTING
ORIGINAL APPROVAL DATE	▶6/16/2011
CERTIFICATE HOLDER	▶SIERRA WIRELESS INC. ▶13811 WIRELESS WAY, , RICHMOND , BC V6V 3A4 , CANADA
TYPE OF EQUIPMENT	▶WIRELESS MODULE
TRADE NAME AND MODEL	▶MC8090
RADIO APPARATUS CATEGORY	▶CELLULAR MOBILE NEW TECHNOLOGIES (824-849 MHZ) ▶MODULAR APPROVAL ▶PCS MOBILE (1850-1910 MHZ)

FREQUENCY RANGE (MHz)	EMISSION DESIGNATOR	R.F. POWER (Watts)	SPECIFICATION / ISSUE	
824.2 to 848.8	244KGXW	1.683	RSS-132	2 09/2005
824.2 to 848.8	248KF9W	0.506	RSS-132	2 09/2005
826.4 to 846.6	4M13F9W	0.19	RSS-132	2 09/2005
1850.2 to 1909.8	249KGXW	0.83	RSS-133	5 02/2009
1850.2 to 1909.8	243KF9W	0.363	RSS-133	5 02/2009
1852.4 to 1907.6	4M14F9W	0.204	RSS-133	5 02/2009
ANTENNA TYPE	ANTENNA GAIN (dBi)	ANTENNA CONNECTOR		
CELLULAR BAND ANTENNA	6.2			
PCS BAND ANTENNA	4			

Alternate a family model. Output power listed is conducted. Modular Approval for use as a module in mobile-only exposure conditions. Antenna gain including cable loss must not exceed 6.2 dBi in RSS-132 Band and 3.8 dBi in the RSS-133 band for purposes RF exposure. This device is approved only for OEM integration into host products. Consumer or end-user installation is not allowed. Compliance of this device in all final host configurations is the responsibility of the Grantee. The antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter except in accordance with accepted multi-transmitter product guidelines. End-users must be provided with specific information required to satisfy RF exposure compliance for final host devices and installations. This device contains functions that are not operational in Canadian Territories. This filing is only applicable for 850 and 1900 MHz licensed operations.

MEASUREMENT FACILITIES

LABORATORY NAME	IC OATS LISTING
COMPLIANCE CERTIFICATION SERVICES 47173 BENICIA STREET,FREMONT,CA USA TEL: (510) 771-1000 FAX: (510) 661-0888 EMAIL: ALIZA.ZAFFAR@CCSEMC.COM	IC OATS NUMBER: 4075B

Certification of equipment means only that the equipment has met the requirements of the above-noted specification. Licence applications, where applicable to use certified equipment, are acted on accordingly by the Industry Canada issuing office and will depend on the existing radio environment, service and location of operation. This certificate is issued on condition that the holder complies and will continue to comply with the requirements and procedures issued by Industry Canada. The equipment for which this certificate is issued shall not be manufactured, imported, distributed, leased, offered for sale or sold unless the equipment complies with the applicable technical specifications and procedures issued by Industry Canada.

La certification du matériel signifie seulement que le matériel a satisfait aux exigences de la norme indiquée ci-dessus. Les demandes de licences nécessaires pour l'utilisation du matériel certifié sont traitées en conséquence par le bureau de délivrance d'Industrie Canada et dépendent des conditions radio ambiantes, du service et de l'emplacement d'exploitation. Le présent certificat est délivré à la condition que le titulaire satisfasse et continue de satisfaire aux exigences et aux procédures d'Industrie Canada. Le matériel à l'égard duquel le présent certificat est délivré ne doit pas être fabriqué, importé, distribué, loué, mis en vente ou vendu à moins d'être conforme aux procédures et aux spécifications techniques applicables publiées par Industrie Canada.

*I hereby attest that the subject equipment was tested and found in compliance with the above-noted specification.
J'atteste par la présente que le matériel a fait l'objet d'essai et jugé conforme à la spécification ci-dessus.*

ISSUED BY:

MIKE C. I. KUO/DIRECTOR OF CERTIFICATION DIVISION

ISSUED ON: ▶December 13, 2011