

FCC ID: TWG-SDMCF10AG

Modular Approval Request Letter

May 13, 2009

Dear Application Examiner,

Summit Data Communications, Inc., requests your authorization for a modular approval specific to mobile devices such as Mobile Data Terminals (MDTs) and Vehicle Mounted Devices (VMDs) for our SDC-MCF10AG 802.11a/b/g Compact Flash Radio Module, FCC ID: TWG-SDMCF10AG.

The requirements of Public Notice DA00-1407 have been met and are shown in the following statements:

1. The modular transmitter must have its own RF shielding.

The radio portion of this module has been shielded, please see the External Photos included with the exhibits.

2. The modular transmitter must have buffered modulation/data inputs.

The EUT has buffered data inputs, it is integrated in the main chip, the Broadcom BCM4318e.

3. The modular transmitter must have its own power supply regulation.

The part number of this regulator is MP2104.

4. The modular transmitter must comply with the antenna requirements of section 15.203 and 15.204(C).

The EUT meets the FCC antenna requirements. The spurious emission, unique antenna connector and photo of antennas are shown in the test report.

5. The modular transmitter must be tested in a stand-alone configuration.

The EUT was tested in a stand-alone configuration via a compact flash to miniature compact flash extender. Please see the Photographs section of Test Configuration in the test report, the EUT was plugged in this extender.

6. The modular transmitter must be labeled with its own FCC ID number.

Please see the Label Sample contained in the exhibits for the FCC ID of this module. There are labeling instructions for the OEM included in the User's Guide which is also included in the exhibits.

7. The modular transmitter must comply with any specific rule or operating requirements applicable to the transmitter and the manufacturer must provide adequate instructions along with the module to explain any such requirements.

The EUT is compliant with all applicable FCC rules. Detailed instructions for maintaining compliance are provided in the User' Guide.

8. The modular transmitter must comply with any applicable RF exposure requirements.

The EUT is compliant with all applicable RF exposure requirements. RF Exposure is addressed in the RF exposure exhibit.

Please contact me if you have any further questions. Thanks for your attention.

Best Regards,

A handwritten signature in black ink, appearing to read "Ronald Seide". The signature is written in a cursive style with a large initial "R".

Ronald Seide
President
Summit Data Communications, Inc.