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FCC Communications Commission
Authorisation and Evaluation Division
7435 Oakland Mills Road
Columbia
Maryland 21046

Your ref: 123/ABC
Our ref: CASIRA FCC APPLICATION

17 March 2001

Dear Application Examiner

Casira Bluetooth Development Kit

I submit this application for certification of the Casira Bluetooth Development Kit as a hybrid spread spectrum transmitter for operation in the 2400-2483.5 MHz under FCC Rules Part 15.247. This module is compliant with Bluetooth Power Class I specifications.

To facilitate the review process I enclose in this cover letter a list of exhibits

Yours sincerely,

Miguel Bravo-Escos
Programme Manager
e-mail :- mbe@csr.com

/...continued

Registered Number: 3665875 England VAT Registration Number: 731 9856 07

CASIRA BLUETOOTH DEVELOPMENT KIT: LIST OF EXHIBITS

Ref	File	Conf	FCC Exhibit Type	Contents
A		No	Cover Letters	a. Application Checklist
B		No	Cover Letters	a. Request for Confidentiality
C		No	Operational Description	a. A statement describing how the EUT is intended to be used. b. Technical description of how the EUT meets the definition of a frequency hopping spread spectrum system found in Section 2.1. c. Description of how each of the EUT's hopping channels is used equally on average. d. Description of how the EUT does not have the ability to coordinate with other FHSS systems in an effort to avoid the simultaneous occupancy of individual hopping frequencies by multiple transmitters. e. Description of Hybrid FH operation f. For each antenna, a description of how the EUT complies with the de facto EIRP limit. g. For each antenna, calculations that estimate the minimum distance to satisfy the MPE requirements of 2.1091. h. Antenna photo i. Show how SAR limit cannot be exceeded
D	BT_Spec_extracts		Operational Description	a. Extracts from Bluetooth Core Spec
E	bc01_spec-00-05-99	No	Operational Description	a. BlueCore01 Data Sheet
F		Yes	Block Diagrams	a. A block diagram showing the frequency of all oscillators, crystals, and synthesizers in the EUT. The signal path and frequency are indicated at each block. The tuning range(s) and intermediate frequency(ies) are indicated at each block
G	Casira.pdf	No	User's Manual	a. Casira User Manual
H		No	ID Label/Location Info	a. A drawing or photograph of the FCC ID label and location on the product.
I	2000_1355/ 2000_1533	No	Test Report (Internal photos) (External photos)	CTMS Report containing: a. FHSS Carrier frequency separation (channel separation) b. FHSS Number of hopping frequencies c. FHSS Time of occupancy (dwell time) d. FHSS 20 dB occupied bandwidth e. FHSS Peak output power f. FHSS Band-edge compliance of RF conducted emissions g. Spurious RF conducted emissions (247c) h. DSSS Inquiry mode Number of hopping frequencies i. DSSS Inquiry mode Number of hopping frequencies j. DSSS Power spectral density k. DSSS Time of occupancy (dwell time) l. DSSS Transmitter 6dB BW m. A.C. power line conducted emissions n. Internal and external photos
J		No	Test Report	7Layers Report containing: a. Spurious RF conducted emissions (247c) b. Spurious RF radiated emissions (205a) c. Test Setup Photos
K	Casira_PG_v1.0	No	Test Report	CSR Report containing: a. Processing gain data b. Processing gain measurement setup
L		Yes	Schematics (Parts lists)	a. Motherboard Schematics b. Motherboard parts list
M	Radiomodule_issd_ver1	Yes	Schematics (Parts lists)	a. Module Schematics b. Module parts list