

September 11, 1998

CONFIDENTIALITY REQUEST CONTAINED WITHIN

Federal Communications Commission
Authorization and Evaluation Division
7435 Oakland Mills Road
Columbia, Maryland 21046

Re: Application for Equipment Authorization (Type Acceptance) of a Portable Cellular Transceiver Module, FCC ID: IHDT5NC1

Gentlemen:

Motorola, Inc., Cellular Subscriber Sector, 600 N. U.S. Highway 45, Libertyville, Illinois 60048-5343 herein submits "Electronic" Application for Equipment Authorization (to be followed by mailing of Check Number 120-659347 in the amount of \$580.00 along with Form 159) for Type Acceptance of a Portable Cellular Transceiver Module under FCC Rule Part 22(H), FCC ID: IHDT5NC1. Motorola is also the manufacturer of this equipment. As we understand that a rule transition date is near, it is understood that the Equipment Authorization may be issued as a 'Certification' rather than as a 'Type Acceptance.'

In addition to confidentiality for the entire application prior to grant (per 47CFR0.457(d)(1)(ii)), Motorola requests, pursuant to 47CFR0.459, post-grant confidentiality for portions of the material contained in this application such that the identified material will be withheld from public inspection following the grant of this authorization. This material, as indicated by request for confidentiality of the items during the electronic submission process and further identified by their listing in RED on the List of Exhibits attached hereto, includes:

Motorola un-numbered Exhibit, Information Regarding ESN Protection (Description 'ESN Security Statement,' submitted as 'Operational Description,' EAS Exhibit #12);
Motorola Exhibit 4, List/Application of Semiconductors and/or Other Active Devices (Description 'Exhibit 4 Parts List,' submitted as 'Parts List/Tune Up Info,' EAS Exhibit #10);
Motorola Exhibit 5, Circuit Diagrams (consisting of and submitted as **three** parts, one as Description 'Exhibit 5 Block Diagrams and Text,' submitted as 'Block Diagrams,' EAS Exhibit #4, and the other two as Descriptions 'Exhibit 5 Schematic 1' and Exhibit 5 Schematic 2,' submitted as 'Schematics,' EAS Exhibit #5); and
Motorola Exhibit 6, Circuit Descriptions (submitted as 'Operational Description,' EAS Exhibit #12).

Specifically, these exhibits contain information relating to circuit function and complexity that could be of benefit to competitors. This material contains Motorola's trade secrets and confidential information that Motorola does not customarily release to the public and which is otherwise not generally available to the public.

Federal Communications Commission
Authorization and Evaluation Division
7435 Oakland Mills Road
Columbia, Maryland 21046

September 11, 1998
Page 2

This equipment has the capability to operate in both the conventional Analog Cellular standard and two Industry Interim standards. One, commonly called CDMA, is outlined in TIA/EIA IS-95-A "Mobile Station - Base Station Compatibility Standard for Dual-Mode Wideband Spread Spectrum Cellular System", dated May 1995. The second, referred to as N-AMPS or Narrow AMPS, is outlined in TIA/EIA IS-91-A "Mobile Station - Base Station Compatibility Standard for 800 MHz Analog Cellular, Auxiliary and Residential Services", dated November 1995. Technical details for these alternate cellular technologies (permitted under §22.901(d) of the Commission's rules) related to Type Acceptance of this equipment, as noted in paragraphs 31 and 32 of the Report and Order in FCC GEN. Docket No. 87-390, are detailed in item numbers 5 & 6 of Exhibit 2, and throughout the other exhibits as listed in item number 5 of Exhibit 2.

Please contact me by telephone at (847) 523-7373, by facsimile at (847) 523-2350 or by correspondence at the address herein if there are any further questions or additional information needed concerning this filing.

Regards,

(signed, John A. Kalenowsky)

John A. Kalenowsky
Patent Engineer/FCC Liaison
Cellular Subscriber Sector
600 N. U.S. Highway 45
Libertyville, IL 60048-5343

Enclosures

LIST OF EXHIBITS

<u>EXHIBIT</u>	<u>DESCRIPTION</u>	<u>FCC REFERENCE</u>
(un-numbered)	RADIO FREQUENCY ENERGY EXPOSURE EVALUATION STATEMENT	2.1093
(un-numbered)	INFORMATION REGARDING ESN PROTECTION	22.919
(un-numbered)	STATEMENT REGARDING COMPLIANCE WITH CELLULAR SYSTEM COMPATIBILITY SPECIFICATION	22.933, OET 53
1	CERTIFICATION OF DATA	2.911
2	GENERAL INFORMATION PRODUCTION PLANS APPLICATION REFERENCES DATA SUBMITTAL PROCEDURE REPORT OF MEASUREMENTS UNDER CELLULAR SERVICE OPTION DETERMINATION OF ADDITIONAL EMISSION DESIGNATORS	2.983-C 2.1061 2.999, 2.947
3	DESCRIPTION TECHNICAL CHARACTERISTICS	2.983-D-1,2,3,4,5
4	LIST/APPLICATION OF SEMICONDUCTORS AND/OR OTHER ACTIVE DEVICES	2.983-D-6
5	CIRCUIT DIAGRAMS (INDEX)	2.983-D-7
6	CIRCUIT DESCRIPTION (INDEX)	2.983-D-10-11-12
6A	MEANS FOR FREQUENCY STABILIZATION	
6B	MEANS FOR ATTENUATION OF SPURIOUS EMISSIONS	
6C	MEANS FOR LIMITING MODULATION	
6D	MEANS FOR ATTENUATION OF HIGHER AUDIO FREQUENCIES	
6E	MEANS FOR LIMITING POWER OUTPUT	
6F	DIGITAL MODULATION TECHNIQUES	
7	INSTRUCTION MANUAL	2.983-D-8
8	TRANSMITTER ADJUSTMENTS (INDEX)	2.983-D-9
9	MEASURED DATA (INDEX)	2.983-E
9A	R.F. OUTPUT - MEASURED DATA	2.985
9B-1,2	AUDIO RESPONSE - GRAPH	2.987
9C	POST LIMITER LOW-PASS RESPONSE - GRAPH	2.987
9D-1,2	SIGNALING CHANNEL AUDIO ROLL-OFF FILTER RESPONSE	2.987
9E-1,2,3,4	MODULATION LIMITING - GRAPHS	2.987
9F-1,2,3,4,5,6,7	OCCUPIED BANDWIDTH - PLOTS	2.989
9G	CONDUCTED SPURIOUS EMISSIONS - GRAPH	2.991
9H	RADIATED SPURIOUS EMISSIONS - GRAPH	2.993
9J-1,2,3	FREQUENCY STABILITY vs. TEMPERATURE - GRAPH	2.995
9K-1,2,3	FREQUENCY STABILITY vs. VOLTAGE - GRAPH	2.995
10	IDENTIFICATION (NAMEPLATE) INFORMATION	2.983-F
11-1,2,5,6	EXTERNAL PHOTOGRAPHS	2.983-G

APPLICANT: MOTOROLA, INC.

TRANSCEIVER TYPE: IHDT5NC1

11-3,4

INTERNAL PHOTOGRAPHS

2.983-G

12

MEASUREMENT TECHNIQUES

2.947