

November 30, 1998

CONFIDENTIALITY REQUEST CONTAINED WITHIN

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

Re: Application for Equipment Authorization (Certification) of a Portable Cellular Transceiver, FCC ID: IHDT5YV1

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 submission of Check Number 120-668200 in the amount of \$610.00 along with Form 159) for Certification of a Portable Cellular Transceiver under FCC Rule Part 22(H), FCC ID: IHDT5YV1.

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:

Un-numbered Exhibit, Information regarding Electronic Serial Number (ESN) Protection (Description 'Motorola Information Regarding ESN Protection' submitted as 'Operational Description,' EAS Exhibit #12);

Motorola Exhibit 5, Circuit Diagrams (consisting of and submitted as **two** parts, one as Description 'Motorola Exhibit 5 Index and 5A Block Diagram,' submitted as 'Block Diagrams,' EAS Exhibit #4, and the other as Description 'Motorola Exhibit 5B 5C 5D 5E 5F 5G 5H Schematics,' submitted as 'Schematics,' EAS Exhibit #5); and

Motorola Exhibit 6, Circuit Descriptions (Description 'Motorola Exhibit 6 Circuit Descriptions,' submitted as 'Operational Description,' EAS Exhibit #12).

Specifically, these exhibits contain information relating to circuit function and complexity which could be of benefit to competitors. This material contains confidential business information and trade secrets of Motorola which are not customarily released to the public and which are otherwise not generally available to the public.

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This equipment has the capability to operate in both the conventional Analog Cellular standard and a new Industry Interim Standard, commonly called CDMA, as outlined in TIA/EIA IS-95-A "Mobile Station - Base Station Compatibility Standard for Dual-Mode Wideband Spread Spectrum Cellular System", dated May 1995. Technical details for this alternate cellular technology (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.

Information concerning compliance with rule provisions regarding Electronic Serial Numbers (per §22.919) is provided as an Operational Description.

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)	STATEMENT REGARDING COMPLIANCE WITH CELLULAR SYSTEM COMPATIBILITY SPECIFICATION	22.933, OET 53
(un-numbered)	RADIO FREQUENCY ENERGY EXPOSURE EVALUATION STATEMENT	2.1093
(un-numbered)*	INFORMATION REGARDING ESN PROTECTION	22.919
1	CERTIFICATION OF DATA	2.911
2	GENERAL INFORMATION APPLICATION REFERENCES DATA SUBMITTAL PROCEDURE REPORT OF MEASUREMENTS FOR ALTERNATIVE CELLULAR TECHNOLOGY DETERMINATION OF ADDITIONAL EMISSION DESIGNATORS	2.1061 2.1041, 2.947
3	DESCRIPTION TECHNICAL CHARACTERISTICS	2.1033-C-4,5,6,7
5*	CIRCUIT DIAGRAMS (INDEX)	2.1033-C-10
6*	CIRCUIT DESCRIPTION (INDEX)	2.1033-C-10,13
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	2.1033-C-3
8	TRANSMITTER ADJUSTMENTS	2.1033-C-9
9	MEASURED DATA (INDEX)	2.1033-C-14
9A	R.F. OUTPUT - MEASURED DATA	2.1046, 2.1033-C-8
9B	AUDIO RESPONSE - GRAPH	2.1047
9C	POST LIMITER LOW-PASS RESPONSE - GRAPH	2.1047
9D	SIGNALING CHANNEL AUDIO ROLL-OFF FILTER RESPONSE	2.1047
9E-1,2	MODULATION LIMITING - GRAPHS	2.1047
9F-1,2,3,4,5	OCCUPIED BANDWIDTH - PLOTS	2.1049
9G	CONDUCTED SPURIOUS EMISSIONS - GRAPH	2.1051, 2.1057
9H	RADIATED SPURIOUS EMISSIONS - GRAPH	2.1053, 2.1057
9J-1,2	FREQUENCY STABILITY vs. TEMPERATURE - GRAPH	2.1055
9K-1,2	FREQUENCY STABILITY vs. VOLTAGE - GRAPH	2.1055
10	IDENTIFICATION (NAMEPLATE) INFORMATION	2.1033-C-11
11-1,2	EXTERNAL PHOTOGRAPHS	2.1033-C-12
11-3,4	INTERNAL PHOTOGRAPHS	2.1033-C-12
12	MEASUREMENT TECHNIQUES	2.1041, 2.947

* In RED indicates submitted with Request for Post-Grant Confidentiality.