

Weather Detection Systems Inc
5405 Steeplechase Lane
Westerville, OH 43081

Phone: 614-891-4714

Email: RSmelt667@aol.com

WEATHER DETECTION SYSTEMS INC.

WDS 9000C Doppler Radar

FCC Type Acceptance Approval Request



Weather
Detection
Systems
Inc.

March 13, 1999

Federal Communications Commission
EQUIPMENT AUTHORIZATION SERVICES

Subject: Request for Type Acceptance
FCC ID: NWOWDS9000CS

Weather Detection Systems, Inc., manufacturer of Doppler weather radar systems and associated software is requesting type acceptance for a coherent pulse C-band Doppler weather radar transmitter utilizing a traveling wave tube as the final amplifier. The system designation will be the "WDS 9000C" and will be manufactured and marketed by Weather Detection Systems, Inc.

Exhibits A through G are attached as supporting documents for the application. All required testing was performed by Valdis V. Liepa, Research Scientist, at The University of Michigan, Radiation Laboratory, an approved FCC laboratory. The description of the facility and the attenuation characteristics of the Open Site are on file with FCC Laboratory, Columbia, Maryland, (FCC file 31040/SIT).

If I may be of any assistance or you need further information, please give me a call.

Sincerely,

A handwritten signature in black ink, appearing to read "R. S. Smeltzer", with a stylized flourish at the end.

Richard S. Smeltzer
President

Enclosures.

WDSWeather
Detection
Systems
Inc.REQUEST FOR CONFIDENTIALITY

WEATHER DETECTION SYSTEMS, INC.

FCC ID: NWOWDS9000CS

Pursuant to 47 C.F.R. § 0.459, Weather Detection Systems, Inc. ("WDS"), hereby requests for the reasons stated herein that the Commission withhold from public inspection the Drawings and Prints Manual contained in Exhibit "E" and "F" of the application for type acceptance associated with FCC Identifier NWOWDS9000CS.

WDS qualifies for confidential treatment under the criteria set forth in 47 C.F.R. § 0.475(d), which provides for nondisclosure upon request of materials containing privileged and confidential trade secrets or other proprietary commercial information. WDS has identified the Drawings and Prints Manual in Exhibit "E" and "F" as containing privileged and confidential information.

WDS is in a specific and highly competitive business of producing Doppler radar equipment for meteorological data gathering. WDS is submitting innovative state-of-the art radar equipment for type acceptance and WDS is aware that several other manufacturers in this business are aggressive in their attempts to understand the mechanical details of each other's radar equipment. Consequently, it is essential to WDS from a competitive perspective that the technical details of WDS' weather radar device be considered privileged and confidential.

Moreover, the materials WDS has filed in Exhibit "E" and "F" qualify for confidential treatment under Section 0.475(d) of the Commission's Rules in that WDS would not customarily release these materials to the public because of their proprietary and confidential nature. Rather, disclosure of these materials would be made by WDS on a highly controlled basis and only to customers who have entered into a nondisclosure agreement with WDS.

The materials and information which WDS has disclosed to the Commission as drawings and prints under Exhibit "E" and "F" in connection with its application for type acceptance are highly technical and detailed, substantially beyond the detail that a competitor could acquire through market sources.

For these reasons, the availability of these materials and this information through the Commission would present an unfair opportunity for competitors to acquire privileged and confidential technical information, to the commercial detriment of WDS.

For the foregoing reasons, therefore, WDS requests that the materials and information which have been submitted to the Commission under Exhibit "E" and "F" in connection with its application for type acceptance relating to the referenced FCC Identifier be withheld from public inspection.



Richard S. Smeltzer
President and Owner
WEATHER DETECTION SYSTEMS, INC.
P.O. Box 614
Worthington, OH 43085-0614
Tel. (614) 891-4714

March 1, 2000

**List of Exhibits
For
Weather Detection Systems Inc.
WDS9000CS Doppler Weather Radar**

- A FCC ID label and location on device.**
- B Summary of Technical Characteristics of Emission-Related Elements
 For the WDS 9000CS Radar.**
- C Photographs of the WDS 9000CS Radar.**
- D FCC Rule Compliance**
- E Technical Manuals**
- F Schematics**
- G Test Reports**