



PUBLIC NOTICE

Federal Communications Commission
445 12th St., S.W.
Washington, D.C. 20554

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DA 16-172
Released: February 19, 2016

**OFFICE OF ENGINEERING AND TECHNOLOGY DECLARES HEADSIGHT, INC.
REQUEST FOR WAIVER OF CERTAIN PART 15 ULTRA-WIDEBAND (UWB) RULES
TO BE A “PERMIT-BUT-DISCLOSE” PROCEEDING FOR *EX PARTE* PURPOSES
AND REQUESTS COMMENT**

ET Docket No. 16-44

Comment Date: March 21, 2016
Reply Comment Date: April 5, 2016

On January 21, 2016, Headsight, Inc. (“Headsight”) filed a request for waiver of two Commission rules so it can obtain FCC certification to market a UWB device that would be used on farm equipment for various applications, such as detecting ground surface conditions that are obscured by crops and adjusting the height of “headers” on combines when harvesting different types of crops. The device would transmit in the band between 1 and 6 GHz.

Headsight states that its device is designed to comply with the Part 15 Subpart F emission limits for UWB ground penetrating radars (GPRs). It requests a waiver of Section 15.509(b) to allow its device to be used in agricultural applications. This rule section limits operation of GPRs and wall imaging systems to purposes associated with law enforcement, firefighting, emergency rescue, scientific research, commercial mining, or construction.

Headsight also requests a waiver of Section 15.503(f) to allow operation of its device at more than one meter above ground, but no more than one meter above crop height. This rule section requires that GPRs operate in contact with, or within one meter of the ground. Alternatively, Headsight requests that this rule section be interpreted so that the term “ground” may include “ground structures” such as crops.

The FCC’s Office of Engineering and Technology (OET) is reviewing the waiver request. OET has concluded that in order to develop a complete record on the issues presented by this request, this proceeding will be treated, for *ex parte* purposes, as “permit-but-disclose” in accordance with Section 1.1200(a) of the Commission’s rules, subject to the requirements under Section 1.1206(b).

Pursuant to sections 1.415 and 1.419 of the Commission’s rules, 47 CFR §§ 1.415, 1.149, interested parties may file comments and reply comments on or before the dates indicated on the first page of this document. Comments may be filed using the Commission’s Electronic Comment Filing System (ECFS). See *Electronic Filing of Documents in Rulemaking Proceedings*, 63 FR 24121 (1998).

- Electronic Filers: Comments may be filed electronically using the Internet by accessing the ECFS: <http://fjallfoss.fcc.gov/ecfs/>.
- Paper Filers: Parties who choose to file by paper must file an original and one copy of each filing. If more than one docket or rulemaking number appears in the caption of this proceeding, filers must submit two additional copies for each additional docket or rulemaking number.

Filings can be sent by hand or messenger delivery, by commercial overnight courier, or by first-class or overnight U.S. Postal Service mail. All filings must be addressed to the Commission's Secretary, Office of the Secretary, Federal Communications Commission.

- All hand-delivered or messenger-delivered paper filings for the Commission's Secretary must be delivered to FCC Headquarters at 445 12th St., SW, Room TW-A325, Washington, DC 20554. The filing hours are 8:00 a.m. to 7:00 p.m. All hand deliveries must be held together with rubber bands or fasteners. Any envelopes and boxes must be disposed of before entering the building.
- Commercial overnight mail (other than U.S. Postal Service Express Mail and Priority Mail) must be sent to 9300 East Hampton Drive, Capitol Heights, MD 20743.
- U.S. Postal Service first-class, Express, and Priority mail must be addressed to 445 12th Street, SW, Washington DC 20554.

People with Disabilities: To request materials in accessible formats for people with disabilities (braille, large print, electronic files, audio format), send an e-mail to fcc504@fcc.gov or call the Consumer & Governmental Affairs Bureau at 202-418-0530 (voice), 202-418-0432 (tty).

Documents in ET Docket No.16-44 are available for viewing on ECFS, <http://www.fcc.gov/cgb/ecfs>, by entering the docket number, ET 16-44. These documents are available for public inspection and copying during business hours at the FCC Reference Information Center, Portals II, 445 12th Street, S.W., Room CY-A257, Washington, D.C. 20554.

All filings must be addressed to the Commission's Secretary, Marlene H. Dortch, Office of the Secretary, Federal Communications Commission, 445 12th Street, SW, Washington, DC 20554. Parties should also send a copy of their filings to Hugh L. Van Tuyl, Office of Engineering and Technology, Federal Communications Commission, Room 7-A132, 445 12th Street, S.W., Washington, D.C. 20554, or by e-mail to Hugh.VanTuyl@fcc.gov.

Documents in are available for public inspection and copying during business hours at the FCC Reference Information Center, Portals II, 445 12th Street, S.W., Room CY-A257, Washington, D.C. 20554.

Office of Engineering and Technology contact: Hugh L. Van Tuyl at 202-418-7506.

By the Chief, Office of Engineering and Technology

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