

From: Richard Becker

To: Leann Nguyen
Date: April 03, 2008

Subject: FCC File # 0028-EX-ML-2008

Message:

Applicant: 4-D Security Solutions, Inc.
File Number: 0028-EX-ML-2008
Correspondence Ref. No.: 6248
Date of Original E-mail: 04/01/2008

Response

The above-referenced application is pending before the Office of Engineering and Technology of the FCC requesting four (4) additional radar antennae including two (2) additional short range radar antennae (EL/M 2107) and two (2) additional medium range radar antennae (EL/M 2127) to be installed at the Headquarters of Applicant.

All four radar antennae within any given band may be operated simultaneously at times for experimental purposes. However, it should be noted that the above-referenced devices will not be operated at the ERP of 3.333 kW. This level of ERP is only for the single long range radar (ARSS-1), which Applicant is authorized to use on an experimental basis under Station WD2XZC. Please note that the instant proposal does not increase the number of the long range radar antenna.

The following table should assist the Commission to identify each of the radar antennae to be used under the above-referenced experimental license with their operational parameters:

Radar Model (quantity)	Freq. Range (GHz)	ERP (W)
Short Range- EL/M 2107 (4)	5.35-5.50	2
Medium Range-EL/M 2127 (4)	10.3-10.5	10
Long Range- ARSS-1 (1)	8.75-8.95	3,333

Accordingly, as you will note, the operational ERP for the radar models EL/M2107 and EL/M 2127 are at 2 and 10 watts respectively. At these levels of ERP, we do not anticipate to experience or cause any harmful electrical interference. In addition, please note that Applicant has also limited its use of the originally authorized bandwidths to fully comply with the special conditions prescribed on its original authorization for experimental Station WD2XZC.

Therefore, Applicant hereby respectfully requests that the FCC grant the instant application as expeditiously as possible.