

Behnam Ghaffari

Subject: FW: Update: Raytheon experimental license application

Attachments: Raytheon TTF Mod 121908.pdf; raytheon experimental license exhibit 3.pdf; Raytheon Missile Systems Experimental License Exhibit 2 121908.doc; Raytheon Experimental License Exhibit 1 121908.doc; 2008 10 16 Tucson test range 1494 RAYMS2008005(U).pdf

From: Thomas J Fagan [mailto:tjfagan@raytheon.com]

Sent: Tuesday, February 17, 2009 2:16 PM

To: Behnam Ghaffari

Cc: alinton@wfsllc.biz

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Ben

Here is the info from the FAA. Let me know if you need anything else.

Tom

Thomas J. Fagan
Raytheon Missile Systems
RMS Spectrum Manager
P.O. Box 11337
Bldg M02 M/S T17
Tucson Arizona 85734-1337
520 794-0227
520 794-2857 fax
520 465-7087 mobile
tjfagan@raytheon.com

----- Forwarded by Thomas J Fagan/RWS/Raytheon/US on 02/17/2009 12:14 PM -----

Sydney.Bradfield@faa.gov

To: Thomas J Fagan <tjfagan@raytheon.com>, "Anne Linton"
<ALinton@PattonBoggs.com>

02/16/2009 06:48 PM

cc "twoods@ntia.doc.gov" <twoods@ntia.doc.gov>, timothy.j.pawlowitz@faa.gov,
Thomas.Ahn@faa.gov, Nico.Nguyen@faa.gov, thuy.t.nguyen@faa.gov,
John.Hepsen@faa.gov, Phuong.Duong@faa.gov

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Tom and Anne,

Per below message and further coordination with Spectrum Engineering Headquarters, this is to confirm under the following coordination numbers that we can remove the remaining notched bands in view of the low probability of harmful interference as substantiated through past testing shared with azimuth of 237 degrees at narrow beamwidth at 70 nsec per pulse and can provide for the power increase from 10 to 100 Watts in order to put the test return signal above the current noise floor.

M155	Outside Aviation Bands so no FAA NG T coordination necessary (N 036306)
M815	Outside Aviation Bands so no FAA NG T coordination necessary (N 077503)
M1300	NG T090195 reference N 036308 & NG 990397
M2000-4000	NG T090196 reference N 036309 & NG 990398
M4000-8000	NG T090208 reference N 036310 & NG 990399
M8000-12000	NG T090209 reference N 036311 & NG 990400

2/18/2009

M12000-18000 NG T090210 reference N 036312 & NG 990401/990402
M32000-39000 Outside Aviation Bands so no FAA NG T coordination necessary (N 036313)

Sydney Bradfield
WSA Engineering Services
LA Operations Engineering Support Center, AJW-W15M
Comm/Spectrum Support Center
310-725-3671, DSN 958-3671

To >
02/08/2009 03:49 AM cc "
Subject Re:

>
02/06/2009 06:14 AM To ov>
cc
Subject

">
02/04/2009 10:32 AM To ">
cc ">
Subject Re:

----- Forwarded by Sydney Bradfield/AWP/FAA on 02/16/2009 03:23 PM -----

Sydney Bradfield/AWP/FAA

AJW-W15M, Comm/Spectrum Spt

Ctr - WSA

To Timothy J Pawlowitz/AWA/FAA@FAA

cc Donald Nellis/AWA/FAA@FAA, Thomas Ahn/AWA/FAA@FAA, Thuy T Nguyen/AWP/FAA@FAA, Nico
Nguyen/AWP/FAA@FAA

02/04/2009 05:53 PM

Subject Update: Raytheon experimental license application

"Thomas Woods" <twoods@ntia.doc.gov>

01/30/2009 06:49 AM

To Timothy J Pawlowitz/AWA/FAA@FAA

cc

Subject Fwd: Raytheon experimental license application

----- Forwarded by Sydney Bradfield/AWP/FAA on 02/04/2009 04:30 PM -----

Sydney Bradfield/AWP/FAA

AJW-W15M, Comm/Spectrum Spt Ctr - WSA

To Timothy J Pawlowitz/AWA/FAA@FAA, Rodney Murphy/AWA/FAA

cc Nico Nguyen/AWP/FAA@FAA, Thuy T Nguyen/AWP/FAA@FAA

01/09/2009 05:40 PM

Subject Fw: FCC File No. 0144-EX-ML-2008

"Behnam Ghaffari" <Behnam.Ghaffari@fcc.gov>

12/19/2008 11:13 AM

2/18/2009