

OET Experimental Licensing System Compliance Testing License Web Demo

**TCB Workshop
October 2016**

Laboratory Division
Office of Engineering and Technology
Federal Communications Commission



Compliance Testing Experimental License

- FCC Report and Order 13-15
 - Adopted January 31, 2013
 - 47CFR Part 5 Subpart G
 - 5.501-5.505
 - Applicability – US Test Laboratories with open area test sites need to obtain a compliance testing license.
 - Not required for testing in anechoic chambers
 - Only applies to testing products for compliance with FCC rules including compliance testing, antenna calibration and site validation
 - Not applicable for Immunity testing
 - Experimental Licensing System (ELS) electronic filing website publicly available August 2016
 - Experimental Radio Branch plans to release a public notice with additional guidance



Compliance Testing Experimental License Filing Process

● Filing Process

- Complete Form 442 at www.fcc.gov/els
- Upload evidence of FCC recognition as accredited testing lab
- Pay fee of \$70 using FCC 159 form for New Station Authorization
- After FCC ELB review and approval license is good for 5 years



ELS – Website

Office of Engineering and Technology

[FCC](#) > [FCC E-filing](#) > [ELS](#)

[OET Home Page](#)

OET Experimental Licensing System

Filing Options

- [Form 405 - License Renewal](#)
- [Form 442 - New License/Modification of License](#)
- [Form 702 - Assignment of License](#)
- [Form 703 - Transfer of Control](#)
- [Special Temporary Authority](#)
- [Add Attachments](#)
- [Reply to Correspondence](#)
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Welcome and thank you for visiting the OET Experimental Licensing Branch Electronic Filing Home Page. The means to electronically file and report on the various Experimental Licensing Applications.

Notes of Interest:

- Please update your browser bookmarks for the Experimental Licensing System (ELS) to our new location: <https://apps.fcc.gov/els> at you**
-  [Add this RSS feed to your reader to receive notifications of ELS license and Special Temporary Authority grants.](#)

There are several free online services that will convert Microsoft Word and Excel documents to Adobe PDF. Some examples include, but are not limited to

- [Doc 2 PDF](#)
- [Primo Online](#)

You may also purchased license software to convert documents to PDF by visiting [Adobe](#).

STA FILERS: [Please review these guidelines](#) before completing an Application for Special Temporary Authority.

Forget to pay for your application or need a copy of the FCC Form 159? Select the Return to 159 link on the menu. Please note that this feature is available for applications filed on or after 10/12/2016. Credit card payment over the Web is available. This can be used for any type of submission, and is the preferred method of payment for short-turnaround applications.

NOTE: Do not submit practice filings that are not intended for processing to this site. Practice filings may be submitted from [the Experimental Licensing System](#).

FILING OF CLASSIFIED APPLICATIONS:

Applications that are classified (CONFIDENTIAL OR SECRET) for National Security purposes must be filed as follows:



ELS Compliance Testing License Form 442

[OET Home Page](#)

[FCC](#) > [FCC E-filing](#) > [ELS](#) > FCC FORM 442

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Experimental License Types:

- [Conventional Experimental License](#)
- [Program Experimental License](#)
- [Medical Testing License](#)
- [Compliance Testing License](#)



ELS-New Compliance Test License

Office of Engineering and Technology

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Application For New or Modified Compliance Testing License

Application Purpose:

* One of the following options must be selected:

New Compliance Testing License: All New Data

Modification of Existing License (Specify callsign):

Proceed

Clear



ELS-Contact information

Office of Engineering and Technology

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[FAQ](#)

Application for Compliance Testing License

* - Indicates that this field must be completed before this page can be submitted.

* Applicant's FCC Registration Number (FRN):

* Applicant (Company) Name:

* Attention To:

* Street Address (If no P.O.Box):

* P.O. Box (If no Street Address):

* City:

* State (If Country is United States):

* Zip Code (If Country is United States):

* Country (If not the United States):

* E-mail Address:

Save & Continue »



ELS-License Eligibility

Office of Engineering and Technology

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Compliance Testing License Questions

* - Indicates that this field must be completed before this page can be submitted.

Eligibility Questions

* Applicant affirms that they are a testing laboratory recognized by the FCC as being competent to perform measurements of equipment.

Yes No

* Does the applicant require non-disclosure of proprietary information as part of the justification of this license?

Yes No

* Will this license involve a product development or market trial?

Yes No

* Is applicant a foreign government or a representative of a foreign government?

Yes No

* APPLICANT ANTI-DRUG ABUSE CERTIFICATION:

By checking "YES", the individual applicant certifies that he or she is eligible for this license. This requires that he or she is not subject to Section 5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C 862. A non-individual applicant, eg., corporation, partnership, or other entity, is not eligible for this license. For definition of a "party" for these purposes, see 47CFR 1.2002(b).

Yes No

[Save & Continue »](#)



ELS-Application Contact and Purpose

Office of Engineering and Technology

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Compliance Testing License Questions

* - Indicates that this field must be completed before this page can be submitted.

* Has applicant or any party to this application had any FCC station license or permit revoked or any application for permit, license or

Yes No

Note: If "YES", include as an exhibit a statement giving call sign of license or permit revoked and relate circumstances.

Give the following information of person who can best handle inquiries pertaining to this application:

* Last Name:

* First Name:

* Title:

* Phone Number:

* E-mail Address:

* Insert a short description of the purpose of this application, or for modifications describe what is being modified:

(Maximum 255 characters) You have characters left.

Save & Continue »



ELS-Signature and certification

Office of Engineering and Technology

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Compliance Testing License Certification

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Certification

THE APPLICANT CERTIFIES THAT:

- The radio frequency experimentation will be conducted in a defined geographic area under the applicant's control; and
- The applicant has institutional processes to monitor and effectively manage a wide variety of research projects; and
- The applicant has demonstrated expertise in radio spectrum management or partner with another entity that such expertise.

THE APPLICANT FURTHER CERTIFIES THAT:

- All the statements in the application and attached exhibits are true, complete and correct to the best of the applicant's knowledge; and
- The applicant is willing to finance and conduct the experimental program with full knowledge and understanding of the above limitations; and
- The applicant waives any claim to the use of any particular frequency or of the electromagnetic spectrum as against the regulatory power of the USA.

Authorized Party to Sign

Signature Date: Tue Oct 04 15:09:46 EDT 2016

* Signature of Applicant (Authorized person filing application):

* Title of Person Signing Application:

WILLFUL FALSE STATEMENTS MADE ON THIS APPLICATION ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REPERMIT (U.S. CODE, TITLE 47, SECTION 312(A)(1)), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503).

NOTIFICATION TO INDIVIDUALS UNDER PRIVACY ACT OF 1974 AND THE PAPERWORK REDUCTION ACT OF 1980

Information requested through this form is authorized by the Communications Act of 1934, as amended, and specified by Section 308 therein. The information will be used by eligibility for issuing authorizations in the use of the frequency spectrum and to effect the provisions of regulatory responsibilities rendered by the Commission by the Act. Info unless otherwise requested pursuant to 47 CFR 0.459 of the FCC Rules and Regulations. Your response is required to obtain this authorization.

Public reporting burden for this collection of information is estimated to average four (4) hours per response, including the time for reviewing instructions, searching existing data completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, to Washington Field Office, Paperwork Reduction Project (3060-0065), Washington DC 20554. DO NOT send completed applications to this address. Individual displays a currently valid OMD control number.

THE FOREGOING NOTICE IS REQUIRED BY THE PRIVACY ACT OF 1974, P.L. 93-579, DECEMBER 31, 1974, 5 U.S.C. 552a(e)(3), AND THE PAPERWORK REDUCTION ACT OF 1980



ELS-Submission Confirmation Information

Office of Engineering and Technology

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[OET Home Page](#)

The administrative portion of the Form 442 has been submitted successfully to the OET Experimental Licensing Branch. Please print or record the following information:

Form 442 Confirmation Number: EL437859
Form 442 File Number: 0008-EX-TN-2016
Date of Submission: 2016-10-04 15:11:03.993

The administrative data for your application has been submitted. If, for some reason you encounter errors during the remainder of this session, please do not start a new application. Complete your application using either the "Amend/Complete Application" or the "Add Attachments" button.

Press this button to proceed to technical data.

Below are instructions for entering technical data most efficiently.

- Click "Proceed" after completing initial entry of the technical data to view a summary of the data submitted to this point. This summary should only be used if all the technical data is complete and correct. Otherwise, click the "Add Data/ Make Changes" button until the applicant is satisfied that the data is correct.
- If the user later decides that technical data changes are necessary, he may use the "Amend/ Complete Application" link.
- If the user has edited data from the "Amend/ Complete Application" link and chooses to edit data from the "Administrative Data" section to complete the application if he is completing the application for the first time and not amending an already completed application. Click the "Attachment Submission" button if there is no other data to be submitted.

Notice: This application will not be considered "complete" until the location information has been entered. Please be sure to select the "Complete Submission" button.

WARNING: ALL APPLICATIONS FILED BUT NOT COMPLETED BY THE APPLICANT, IN ACCORDANCE WITH THE ABOVE INSTRUCTIONS,

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ELS-Location Information

Office of Engineering and Technology

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Experimental License Location Information

*State:

County:

*City:

*Street Address:

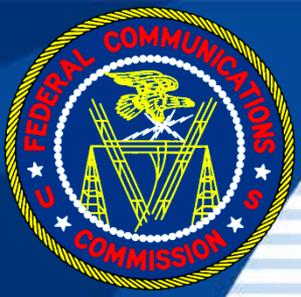
Click on "Refresh Map" to load map, then click on the polygon below, to draw your proposed experimental location.

[Refresh Map](#)



* - Indicates that this field must be completed before this page can be submitted.

[Save & Continue >>](#)



ELS-Location Information Example

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Experimental License Location Information

* State: County: * City: * Street Address:

Click on "Refresh Map" to load map, then click on the polygon below, to draw your proposed experimental location.

* - Indicates that this field must be completed before this page can be submitted.



ELS Application Summary/Accept

Authorized Party to Sign

Signature Date: 2016-10-04 15:11:03.993
Signature of Applicant (Authorized person filing application): George Tannahill
Title of Person Signing Application: EE

WILLFUL FALSE STATEMENTS MADE ON THIS APPLICATION ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT (U.S. CODE, TITLE 18, SEC PERMIT (U.S. CODE, TITLE 47, SECTION 312(A)(1)), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503).

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Public reporting burden for this collection of information is estimated to average four (4) hours per response, including the time for reviewing instructio completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of inform Commission, Records Management Branch, Paperwork Reduction Project (3060-0065), Washington DC 20554. DO NOT send completed applicatio displays a currently valid OMD control number.

THE FOREGOING NOTICE IS REQUIRED BY THE PRIVACY ACT OF 1974, P.L. 93-579, DECEMBER 31, 1974, 5 U.S.C. 552a(e)(3), AND THE PAPE

Location Information

State: Maryland
County: HOWARD
City: Columbia
Street Address: 7435 Oakland Mills Road
Approximate Center of Operation
North Latitude: 39 ° 10 ' 4 "
West Longitude: 76 ° 49 ' 41 "

Accept

Add Data/Make Changes



ELS Add Attachments

Office of Engineering and Technology

[OET Home Page](#) [FCC](#) > [FCC E-filing](#) > [ELS](#) > Submit ELS Attachment

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Submit ELS Attachments

NOTICE: Please be sure the following exhibits have already been submitted:
[Click Here For Attachment Submission Instructions](#)

Applicant Eligibility: Criteria set forth in Part 5 subpart G of Commission Rules

Description: *

Exhibit Type: *

File Format: *

File Location: * No file chosen

* - This field is required.



ELS File Upload Confirmation

Office of Engineering and Technology

[OET Home Page](#)

FCC > [FCC E-filing](#) > [ELS](#) > ELS Set Attachment

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In order to complete this process the **Complete Submission** button must be clicked.

Complete Submission

Add More Attachments

Upload Status	File Size (bytes)	File Description	File Format
Success	36905	Test Tannahill2	Acrobat



ELS-Form 159 Payment Page

Office of Engineering and Technology

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A fee is required for each application.

Please note: Experimental licenses cannot be granted in advance of fee payment. If payment is made by means other than credit card, fee payment is received and processed.

You may either pay electronically, by mail or hand-delivery:

- i. Electronically:**
Proceed to the Form 159 and follow the instructions. (NOTE: Requires a browser that supports 128-Bit Encryption)
- ii. By Mail:**
Federal Communications Commission
Experimental Radio Services
P.O. Box 979095 St. Louis, MO 63197-9000.
- iii. Hand-Delivery or Courier Service:***
Federal Communications Commission c/o US Bank
P.O. Box 979095
St. Louis, MO 63101

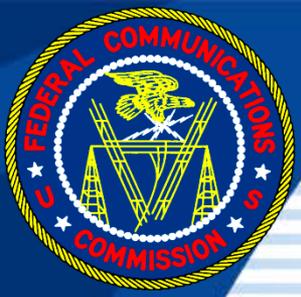
Notice: Applicants who are fee exempt need not proceed to the 159 Form. If you are fee exempt, your filing is now complete. If you are not fee exempt, please include this as an exhibit with this application by selecting the "Add Attachments" option.

*: Applications hand-delivered or sent by courier service must be double enveloped as follows:

- i. Address an envelope with address 1
- ii. Place in an outer envelope with address 2
- iii. Hand deliver or submit to address 2 See 47 CFR 0.401(b)(2).

[Proceed with Registration](#)

[Add Attachments](#)



Questions and Answers

Thanks!