



# COMSEARCH®

A CommScope Company

## 70-90 GHz Link Registration

spectrum management

frequency coordination

database development

### REGISTRATION INSTRUCTIONS

## 71-95 GHz Registration Guide

**Step 1:** Access the database

**Step 2:** Create a link

**Step 3:** Run an interference analysis

**Step 4:** Submit the link for registration

**Step 5:** Download the registration certification

**Five quick and easy steps and your link is registered!**

**R**egistering a link is quick and easy. The registration process is conducted through Comsearch's online registration system. This step-by-step guide directs you through the registration process.

#### Step 1: Access the database

Comsearch provides access to our online link registration database through [www.comsearch.com](http://www.comsearch.com). Click on the Member Login link on the top right of the screen. Enter your login and password. If you don't yet have an account, click on the Create Account link at the bottom of the screen and enter your contact information and 70-90 GHz call sign. A Comsearch representative will contact you as soon as your account is set up to register new links.

#### Step 2: Create a link

Click on the 70-90 GHz Link Registration under the Engineering Applications section. Click on the Register a Link button and enter the technical parameters of your link. Once all required information is entered, select the Save button.

#### Step 3: Run an interference analysis

Select the Run Analysis button located at the top and bottom of the page. The database will conduct a quick interference analysis and identify potential interference conflicts. You can make changes to your system as necessary to mitigate the interference.

#### Step 4: Submit the link for registration

Once you have made any necessary changes to the link, select the Submit for Registration button. The system will assign a date/time stamp and registration number that will be used to ensure interference protection from later entrants.

## 70–90 GHz Registration Guide

The system will then perform three checks required by FCC Rule 101.1523(c):

1. **Environmental Assessment:** Licensees will need to indicate whether an environmental assessment per FCC Rule 1.1307 is necessary.
2. **International Coordination:** The registration system will identify any sites requiring international coordination using FCC Rule 1.928(f) requirements for distance from the border based on antenna pointing azimuth.
3. **Quiet Zones:** The registration system will identify sites located within any of the quiet zones listed in FCC Rule 1.924.

If these checks require further analysis, you will need to file FCC Form 601, Schedule M in order to complete registration.

The registration system will also determine if an FAA Antenna Structure Registration (ASR) is required for any site. This determination is based on the antenna height above ground level (or above the roof of the building) in proximity to airport runways.

Finally, the system will automatically submit the link parameters to the NTIA to analyze against existing Federal Government links in the area. The results of the NTIA assessment will be returned immediately. You will then get either a green light or a yellow light indicating whether the proposed link poses any potential for harmful interference to Federal Government (or non-Federal Government RAS) users. Upon receipt of a green light, the link will be deemed to have been coordinated with the Federal Government. If a yellow light is returned, an FCC Form 601 may be filed for a more detailed determination on whether a conflict exists with Federal Government systems.

### Step 5: Download the registration certification

Once all approvals have been provided, the registration will be complete. To download the registration certificate, select the 70–90 Home link at the bottom of each page. Select the Search/Modify Your Registered Link button. Search for your link by registration number, licensee, etc. Select the check box next to a link, click on the Generate Report button, and follow the instructions to download the certificate.

For more information, please contact us at [customersupport@comsearch.com](mailto:customersupport@comsearch.com) or (800) 318-1234.



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