

# Publishing on Microwaves101

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IMS Washington DC

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# What is Microwaves101?

Microwaves101.com is an online encyclopedia of microwave engineering knowledge.

- Free for anyone to view/use
- No registration required (except for posting to the message board)
- Monthly updates and edits as needed



# Why are we here today?

- We are looking to expand participation across the community.
- We'd love to publish your contributions!

# What kind of articles do we need?

- They have to be in our field of interest – specifically, it has to relate in some way to microwave engineering.
- They have to be informational – that is, it shouldn't be a sales pitch, or promote any one product or company.
- Try not to duplicate what we have on the site already. We'd love to hear about it if you have new information, updates, or corrections, or if you think there's a better approach, but those are usually added to the existing pages.
- The content should not exist anywhere else, where it might be protected by copyright.

# What does our audience want?

We try to write for the widest possible audience. This isn't a site for long academic papers, there are other places that do that better than we can. We tend toward practical explanations for people who are trying to get a job done.

Design tools like spreadsheets, MATLAB widgets, executables, and electronic design analysis files (Microwave Office, Keysight ADS) are helpful to people trying to follow up on your ideas.



# Content Guidelines

We're OK with certain types of humor (self-deprecating, and a little dark is OK; NSFW, racism, and misogyny are not OK). As much as we don't agree with certain politics, we are trying to limit that type of chatter.

We love historical perspective, and we'd like more pages that are pure history. For example, how has the University of Oklahoma's weather radar evolved over the past decades?

# Style

While “101” is sort of tongue in cheek – we recognize that the subject matter sometimes goes beyond entry-level engineering – keep in mind that we are aiming for complete and accurate, but as simply put as possible.

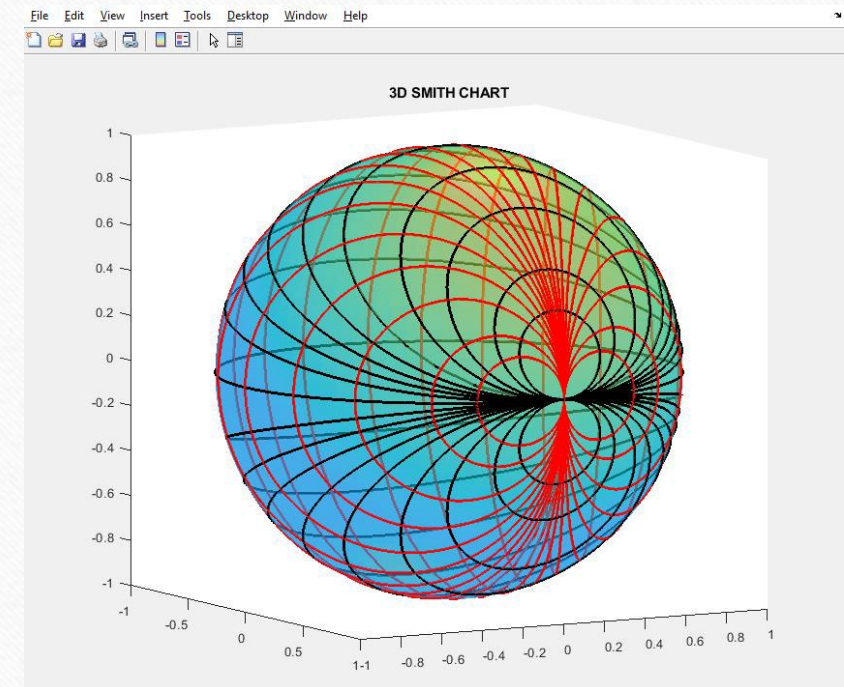
# Length

This for a web site, so we don't want things to get too long. Think in screens – that is, the number of times you'd have to hit “page down” to get to the bottom. The max would be around 1,000 words, but this will vary depending on if you have pictures or not. For complex topics, we often break them into multiple linked pages.



# Graphics

Visuals are great, we love them. We can take gif, jpg; or png; it just depends on how big the file gets. We can help with resizing if needed. Remember, some people are looking at this on cell phones, so we don't want to get too detailed. If the image conveys any important data, please try to capture it in a high-resolution way so the user can read it. Schematics from Microwave Office and ADS always seem to give us a headache.



<https://www.microwaves101.com/encyclopedias/national-institute-of-technology-trichy>

# Formatting

It's easier for us if you send articles in Microsoft Word, but if you have some other platform you prefer, send us a note and we'll see if we can work with it. PDFs do not usually convert to HTML very well. We can handle most formatting things like indents and tables. Not all equation editors work well, but if that's something you need, we can help with that too. Text equations are useful, even if they look ugly; another option would be for us to capture equations as graphics. That is a little tedious, so don't over-achieve here!



# Links

Internal links should either go to other MW101 pages or to specific reference or tool sites that are needed to accomplish whatever design task is being discussed. We can add links to our content later, if necessary, so don't stress about this.

# References

Please add references to articles to show whose work you are building on, but we don't care what format you use. We have been a little slack in this department but we are trying to do better.



# Sending it in

When you're ready, send the article to [admin@microwaves101.com](mailto:admin@microwaves101.com). We'll do a very quick edit pass, and let you know if we have questions or need more information. Once it goes online, we will link from the author name at the bottom of the page back to whatever URL you want. Let us know how you want to be credited: your full name, just first name, an alias. Notice that the Unknown Editor's actual name only appears three times on the site at last count.

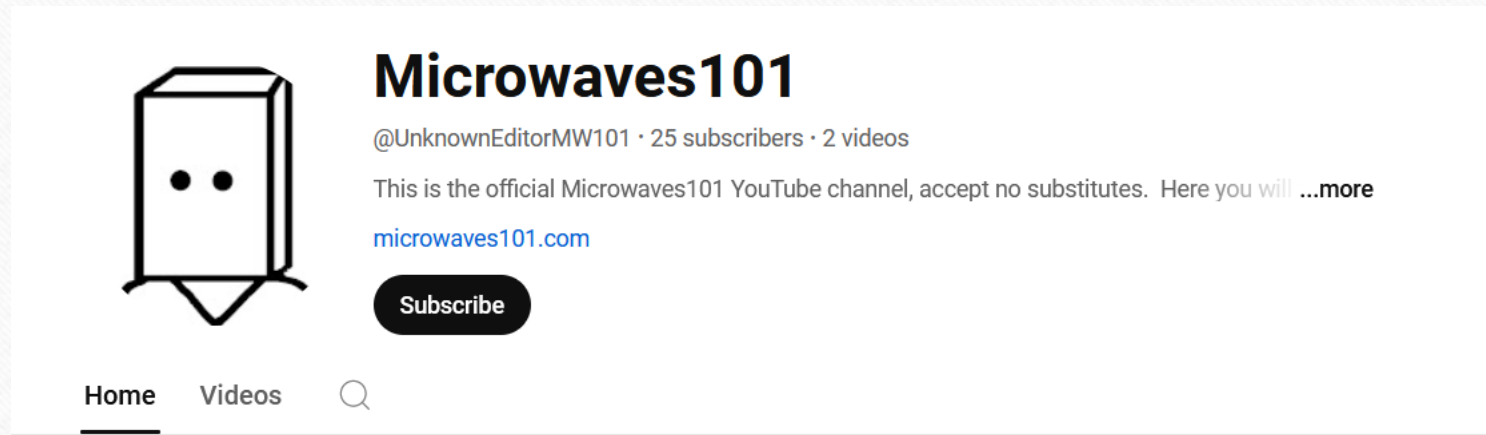
# Other Ways to Participate in our Community

- Join the discussions on our message board, ask questions
- Sign up for our newsletters
- Send us info for the Hall of Fame, Where-are-They-Now, or Mortuary
- See a mistake? Let us know!
- If you have expertise in creating on-line calculators, we'd like to talk to you!



# Videos?

- We recently started a Microwaves101 channel on YouTube. We'd love to see your ideas brought to life.



We're Looking Forward  
to Working with You!

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The team at Microwaves101