

From: Dale Bickel <Dale.Bickel@fcc.gov>  
Sent: Tuesday, September 20, 2022 10:47 AM  
To: Jason Gorodetzer  
Subject: RE: [EXTERNAL]: Question about an FM auxiliary application or KIMN (FID 59597)

Given that this is a panel antenna, whose pattern is relatively invariant to the mounting method behind the panel, I am persuaded that we can license the auxiliary antenna based on the information provided. The auxiliary facility's 60 dBu service contour falls short of the licensed main facility's 60 dBu contour in the main lobe of the auxiliary antenna, so that any small variation that might exist won't cause interference to other stations on the same channel or adjacent channels. Having the old antenna pattern measurements definitely helps here. I wouldn't expect new pattern measurement would substantially alter the measured pattern from 1990.

Go ahead and file the auxiliary license application and include (1) the 1990 measurement data you included as an attachment, (2) a summary of the circumstances (which are pretty well laid out in your e-mail below), and (3) you may include a copy of my reply here, if you so desire.

It will help if you let me know when the license application is filed, so I can make sure the application gets processed properly.

Dale Bickel      dale.bickel@fcc.gov

From: Jason Gorodetzer <Jason.Gorodetzer@KSEradio.com>  
Sent: Wednesday, September 14, 2022 4:23 PM  
To: Dale Bickel <Dale.Bickel@fcc.gov>  
Subject: [EXTERNAL]: Question about an FM auxiliary application or KIMN (FID 59597)

You don't often get email from [jason.gorodetzer@kseradio.com](mailto:jason.gorodetzer@kseradio.com). Learn why this is important

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Good afternoon Mr. Bickel,

I am the local Chief engineer for KIMN, and we have a CP for an auxiliary facility that we have for an auxiliary facility for KIMN (FID 59597) in Denver, Co and have a question about my application to turn this CP into a License.

My general manager asked me to reach out to you directly with this question to avoid incurring charges from our consulting engineers and lawyers.

Since my area of professional expertise is in the areas of constructing facilities and ensuring they operate properly and comply with all FCC rules, as opposed to filing applications for licenses and other authorizations, I hope I am asking the correct person this question, please direct me to the proper person if you are not them.

Anyway, here is some background and my question about my application BLANK-0000197168: The antenna I have in place, that I am trying to license was installed by one of my predecessors, who is now deceased, is a Harris TAC-1M panel antenna. My consulting engineer said he can't certify our application without either sending it into Dielectric, who purchased the antenna division of Harris but Dielectric says they do not have enough data to provide a proof without us spending \$25K or more to send the antenna back and having them test it out on their range, or scrapping this one, and purchasing a new antenna which would cost at least as much in purchase cost, transport cost, labor to install etc. and we would need to modify or start over the entire application process.

When looking through my paper files, I came across the original manual and proof that Harris performed when the antenna was manufactured back in 1990, and attached it for you to take a look. The only potential difference between the original proof and our current installation would be that I believe that this antenna was originally mounted on a tower, but moved to the current location and mounted on a tripod/Scaffold type structure. I will be happy to elaborate on this and provide any specifics you need.

My question is because this is a panel type antenna and from my understanding less susceptible to changes in performance based on what it is mounted on, would you be able to accept the data I attached in the original 1990 proof as the data we need to get complete our CP process and get our License to Cover?

Please let me know if you need any more detail, I will be happy to provide it. Thank you in advance for your time and for helping out someone who has worked on the hands on side of the business for many years but has little experience with applications.

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