

Behnam Ghaffari

From: Steve Borenstein <Steve.Borenstein@Colorado.EDU>
Sent: Monday, March 30, 2020 10:01 AM
To: Behnam Ghaffari
Subject: Guidance on STA 0501-EX-ST-2020

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Mr. Ghaffari,

Thank you for your response on ST 0501-EX-ST-2020. I hope you don't mind the direct email message. I am seeking advice on moving forward to ensure this is as efficient as possible.

As noted in your response, the band 400-500mhz is too large. The radio modules we are planning to use are programmable to any frequency. I am more than happy to narrow that down to any specific frequency in the band or any small range within the band. However, it is unclear which part of the band, and which approach to the request would be most appropriate.

I've been searching records to the best of my ability. A couple options that I think would suffice:

Options for narrowed in the industrial pool would be any slot within 415.0 to 420.0 Mhz with a minimum bandwidth of 125khz. An allocated band of 1Mhz or more would be ideal to be able to select a noise free segment of that band. Another option would be to use 435-438 Mhz Amateur satellite band.

Thank you very much for your assistance.

- Steve

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