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**From:** De Young, Bret [mailto:bret\_deyoung@nps.gov]  
**Sent:** Thursday, October 24, 2013 9:21 PM  
**To:** Gatz, Larry Edward  
**Subject:** Re: Washburn Sectorization

Larry,

Would it change FCC license application (change the contours) if there was slightly more downtilt to your southwest and southeast sectors? If it is possible we would like to minimize spillover to the road corridors south and east of the Canyon developed area. While Yellowstone's Wireless Communications FONSI recognized that some areas will gain coverage due to spillover of the signal, it is not the intent of the Plan to cover roads. I know it seems unusual for the park to not want to cover roadways, but we need to ask these questions to be consistent with the Wireless Plan. The intention is to cover developed areas.

Thanks for your consideration of the question.

Thanks,

Bret

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On Tue, Oct 8, 2013 at 9:14 AM, Gatz, Larry Edward <Larry.Gatz@verizonwireless.com> wrote:

Hi Bret, here are some coverage maps with some pretty colors to help illustrate the differences we will see here.

Coverage levels are shown below, -85dBm or better will give good coverage indoors and outdoors, -90 (green) will give good outdoor coverage, and anything worse than -95 (blue) is pretty marginal.

Below is a plot of our current coverage with MT Washburn:

