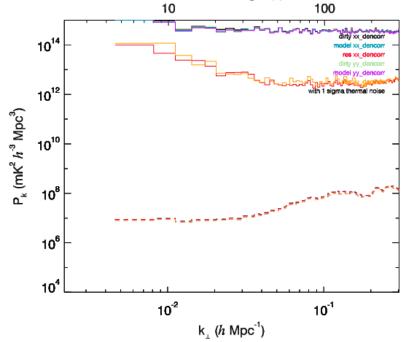
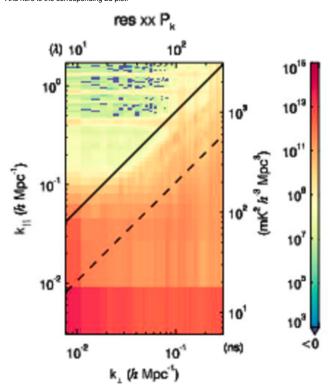
Hi Abraham

Sorry it took a while to respond. I think I remember there being a plotting bug with these kpar=0 plots. I reran the plotting code and

fhd_apb_EoR0_high_sem1_1_wedge_cut_plus_res_cut (1029) kp: baseline length (λ)



And here is the corresponding 2d plot:



I think these match much better now, though I don't remember exactly what the bug was.

And these are 30MHz.

```
On Sat, Mar 11, 2017 at 7:12 PM Abraham Richard Neben <a href="mailto:abrahamn@mit.edu">abrahamn@mit.edu</a> wrote:
   Also, what is the bandwidth of these power spectra? 10MHz or 30MHz?
   > On Oct 6, 2016, at 5:01 PM, Adam Beardsley <a href="mailto:adam.p.beardsley@gmail.com">adam.p.beardsley@gmail.com</a>> wrote:
  > Hi Ahraham
  >
- I don't think I looked at the k/=0 part as closely, so it's possible I missed weird things there.
- Fig 2 was simply an example PS to show the shape, and I don't think it had the diffuse model. In other words, it doesn't
  correspond to the cube you grabbed.

> Here's a more apples to apples comparison:
  > <pasted1.png>
  > The left is the golden set, right is the 32 hour integration. It's a little less obvious, but I think you're right that the k//=0 bin is
  > Here are the cuts along k//=0:
   > <pasted2.png>
  > At low kperp the long integration does look lower, but they are pretty consistent at higher kperp. What range of kperp do you I's
   > Sorry, I don't have a good answer for you.
  > On Thu, Oct 6, 2016 at 1:46 PM Abraham Neben <a href="mailto:abraham.neben@icloud.com">abraham.neben@icloud.com</a>> wrote:
  > Hi Adam
  > I screenshotted figures 2 and 13 from your paper an placed them next to each other, and you can definitely see the same thing.
  At k//=0, the 32hour residual (right) is definitely yellower than the 3 hour residual (left)
   > <Screen Shot 2016-10-06 at 4.44.33 PM.png>
  > Abraham
   >> On Oct 6, 2016, at 4:37 PM, Adam Beardsley <a href="mailto:adam.p.beardsley@gmail.com">adam.p.beardsley@gmail.com</a> wrote:
  >> Hi Abraham
  >>> That is a bit surprising. If you're drawing the cubes from the same directory, they should be identical FHD runs - so the foreground model should be the same. I wonder if there's a slowly varying noise term from something like the ionosphere, which would cause FG subtraction errors, but average out over longer time periods? Though I don't remember ever seeing something like this in my analysis, and I'm about 70% confident I would have actually compared the 3hr and 32hr integrations. What does the
   rest of your pipeline look like?
  >> -Adam
  >> On Thu, Oct 6, 2016 at 1:28 PM Abraham Neben <a href="mailto:abraham.neben@icloud.com">abraham.neben@icloud.com</a>> wrote:
   >> I've plotted power spectra of the frequency averaged golden day cubes and deep 32 hour cubes. The noise is higher on the 3 hour cubes, as expected, but strangely the FG subtraction is better (lower res) on the 32 hour cubes. Is the FG model different
   between the different analyses?
  >> I used these 32 hour cubes
>> /nfs/mwa-03/r1/EoR2013/fhd_apb_EoR0_high_sem1_1/Healpix/Combined_obs_wedge_cut_plus_res_cut_even_cubeXX.sav
   >> /nfs/mwa-03/r1/EoR2013/fhd_apb_EoR0_high_sem1_1/Healpix/Combined_obs_wedge_cut_plus_res_cut_odd_cubeXX.sav
  >> and these golden cubes
>> /nfs/mwa-03/r1/EoR2013/fhd_apb_EoR0_high_sem1_1/Healpix/Combined_obs_golden_even_cubeXX.sav
>> /nfs/mwa-03/r1/EoR2013/fhd_apb_EoR0_high_sem1_1/Healpix/Combined_obs_golden_odd_cubeXX.sav
   >> Abraham
  >> <attachment.png><attachment.png>
```