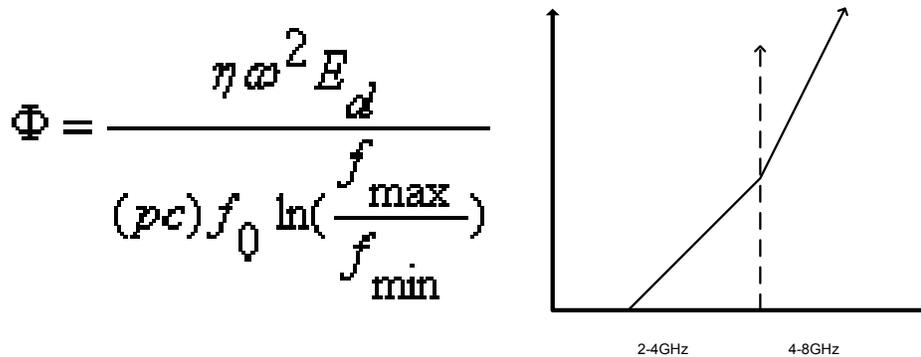


- **Booster/Main Injector**
 - Had some trouble getting 8e12 at times. Can run 7.5e12 consistently. Booster has to be running healthy, especially RF.
 - Dave wants to know how much
 - Kiyomi is in charge of figuring out how to keep 8e12 on target.
 - Do we have to take pulses away from MiniBooNE or NuMI to do this?
- **Pbar Studies Report.**
 - Intensity dependence on production.
 - Debuncher cooling?
 - SEM806 widths versus beam on target (different # of turns). Emittances increase but only by a small amount.
 - Measured bunch length on target and bunch length with proton torpedo. Did not change appreciably.
 - Longitudinal profile after leave debuncher A:R1LCSG (Hz) - longitudinal emittance in Hz. As intensity goes up, the width of the beam goes up.
 - Intensity/tor109 vs tor109 (ic728, 704, 715, 724, 734). Goes down 5% on a factor of 2 change on target.
 - Intensity/tor109 vs tor109 (intensity - injflx, bpi10d, z:ibeamv, a:ibminj). Z:ibeamv - subtracts the offset on a \$21.
 - Think about some stacktail studies this week.
 - Open up the Accumulator aperture when the low luminosity stores happen next week.
- **Stacktail Studies - extension of meeting**
 - Should the stacktail be setup different if we give up stacking to larger stacks.
 - Core - move to higher energy
 - Right now using both 2-4 and 4-8GHz.
 - If we only use the 4-8GHz,
 - Width of stacktail given by how much you want to push through. Want it to be short if you want to push more through.
 - It all intuitively falls out from the Fokker-Plank equation



- Notch filters, go to 875. See if we can stack and vary drop-off point.
- Want to measure slope of the core - stacktail monitor. Once E_d is a factor of four different, have to get rid of beam.
- Plan to do this tomorrow.
- Paul will come up with a better number than 875.