

Focal Plane Status

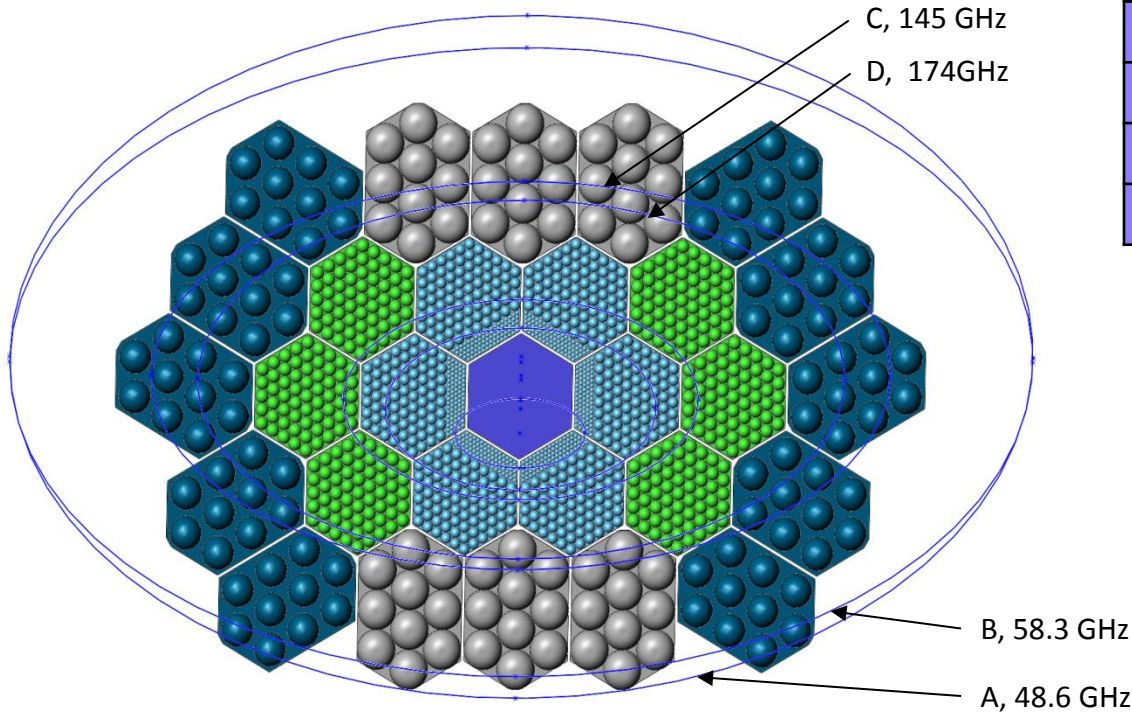
January 31, 2018

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Focal Plane V4

- Pixel counts:
 - Old: 12356 bolometers, 2298 pixels.
 - New: 13356 bolometers, 2546 pixels
- F pixels packed at 80% efficiency. G,H,I packed at 60%.
- approximately 17.5 x 12 deg, 60 x 45 cm.
- Strehl contours with new optics are larger
 - To be investigated if more pixels can be added.

Pixel	Highest Frequency (GHz)	Old Number	New Number
A	48.6	68	60
B	58.3	108	100
C	145	360	366
D	174	450	510
E	433	546	480
F	520	408	550
G	624	135	200
H	749	132	160
I	899	91	120



- Still to do:
 - Adjust relative number of D and E pixels (cyan wafers). if needed

Sensitivity

- Total CMB polarization sensitivity 0.61 uK arcmin
- Old was 0.62 uK arcmin.

