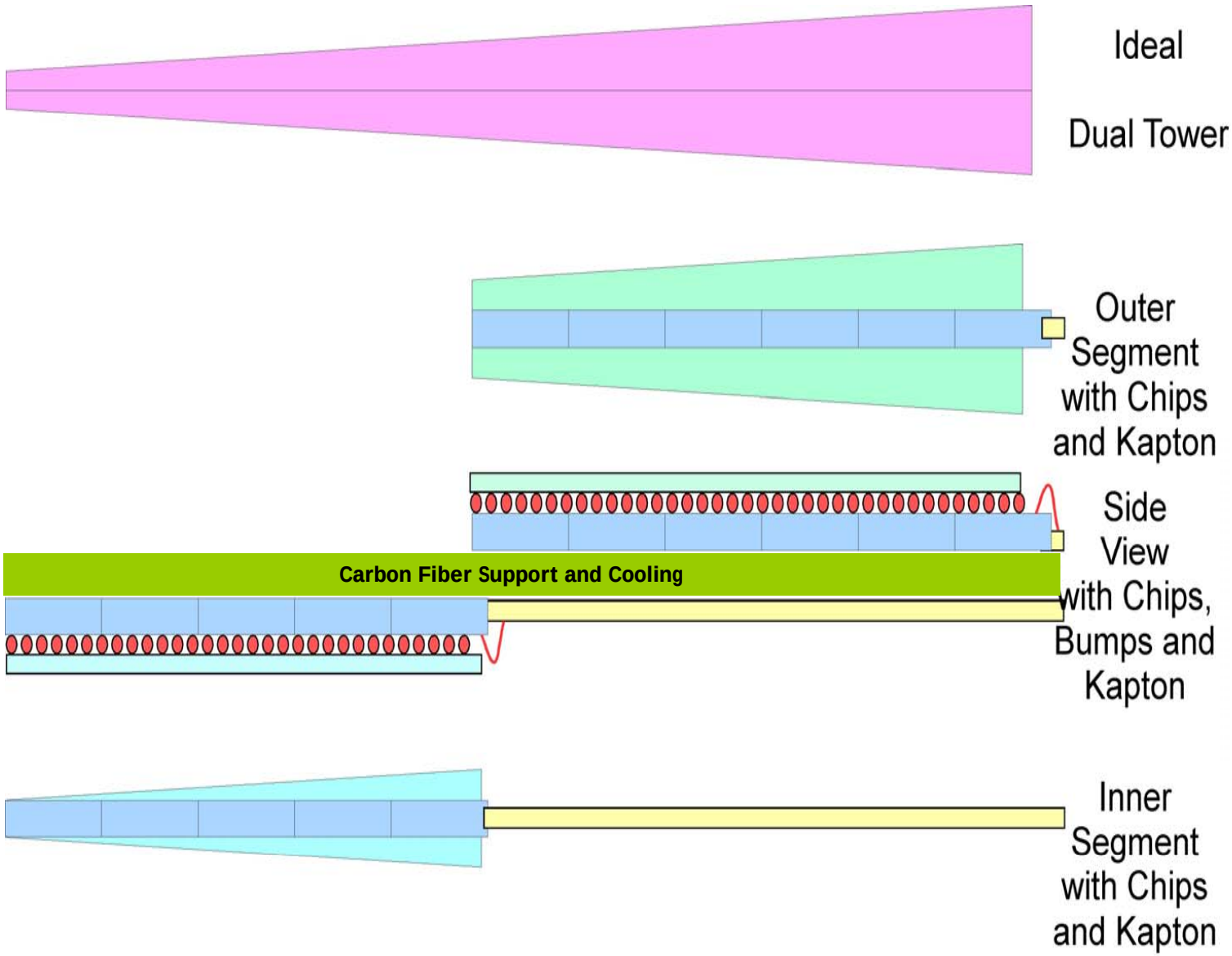
PHX: Tower Section



Endcap Readout: Front End

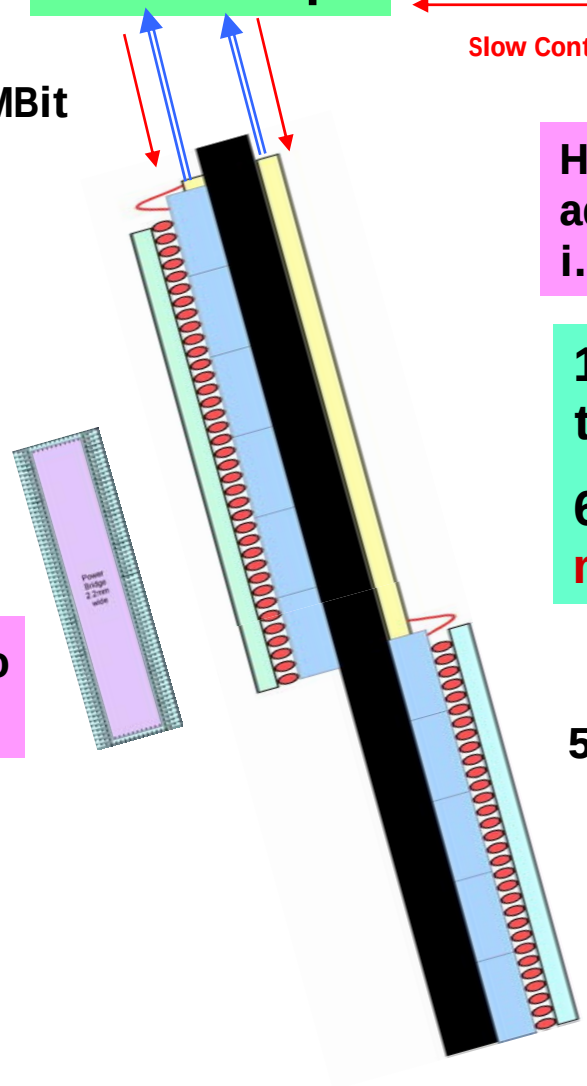
RISC onboard

OASE chip

Fiber 2.5 Gbit/s

Slow Control ~100 Hz

LVDS 6 x 160 MBit



Hit: 9 bit address ,3 bit adc, 4 bit chip-id, tag 8bit, i.e.24 bits

1 % Occupancy translates into:

60 x 24-bits in <0.6 micro seconds !

6 x 512 channels

PHX/FPIX2 is zero supressed !!!

5 x 512 channels

Endcap Readout: Back End