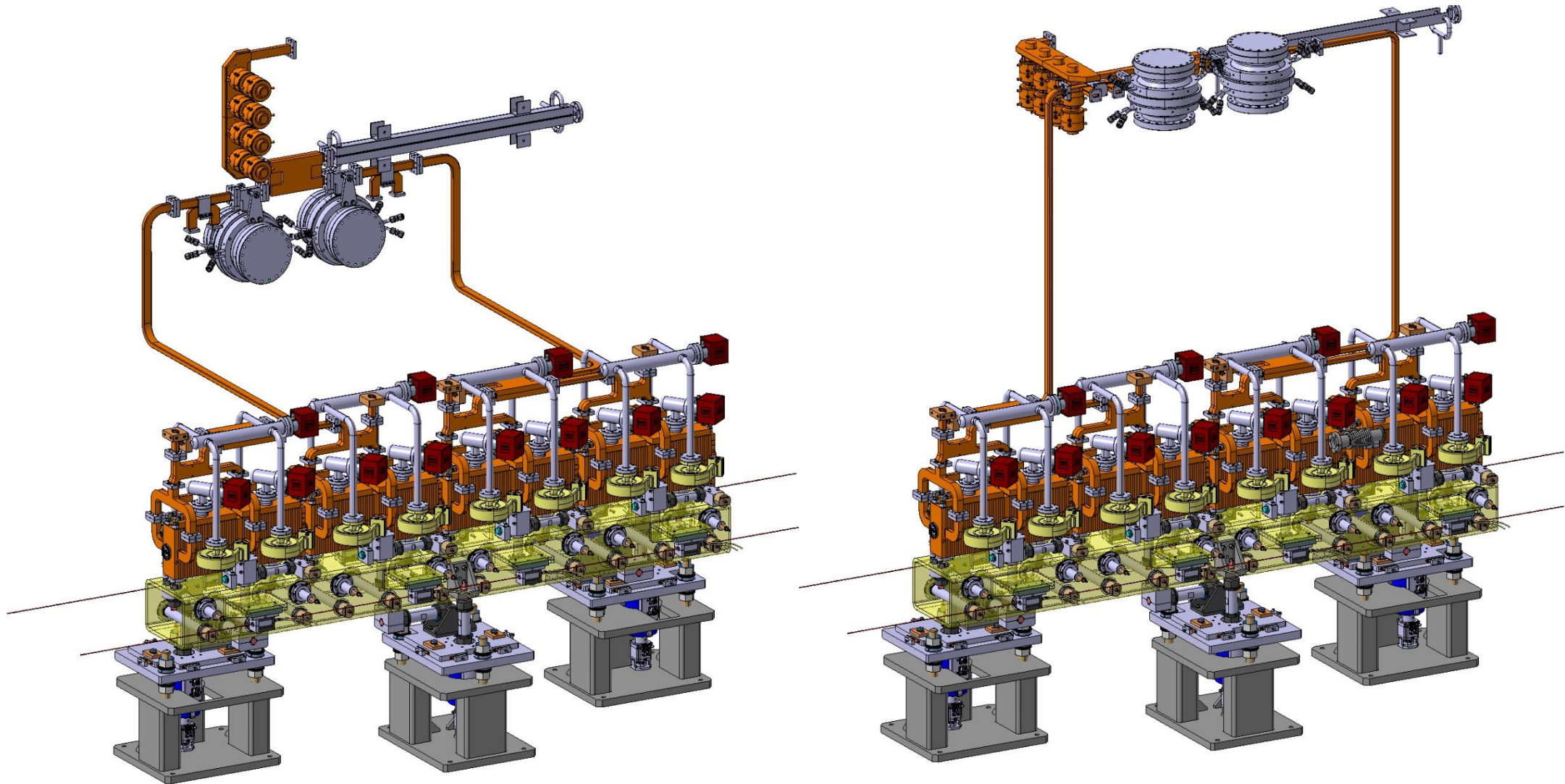


K-Mode CLIC Module RF Network

Matthew

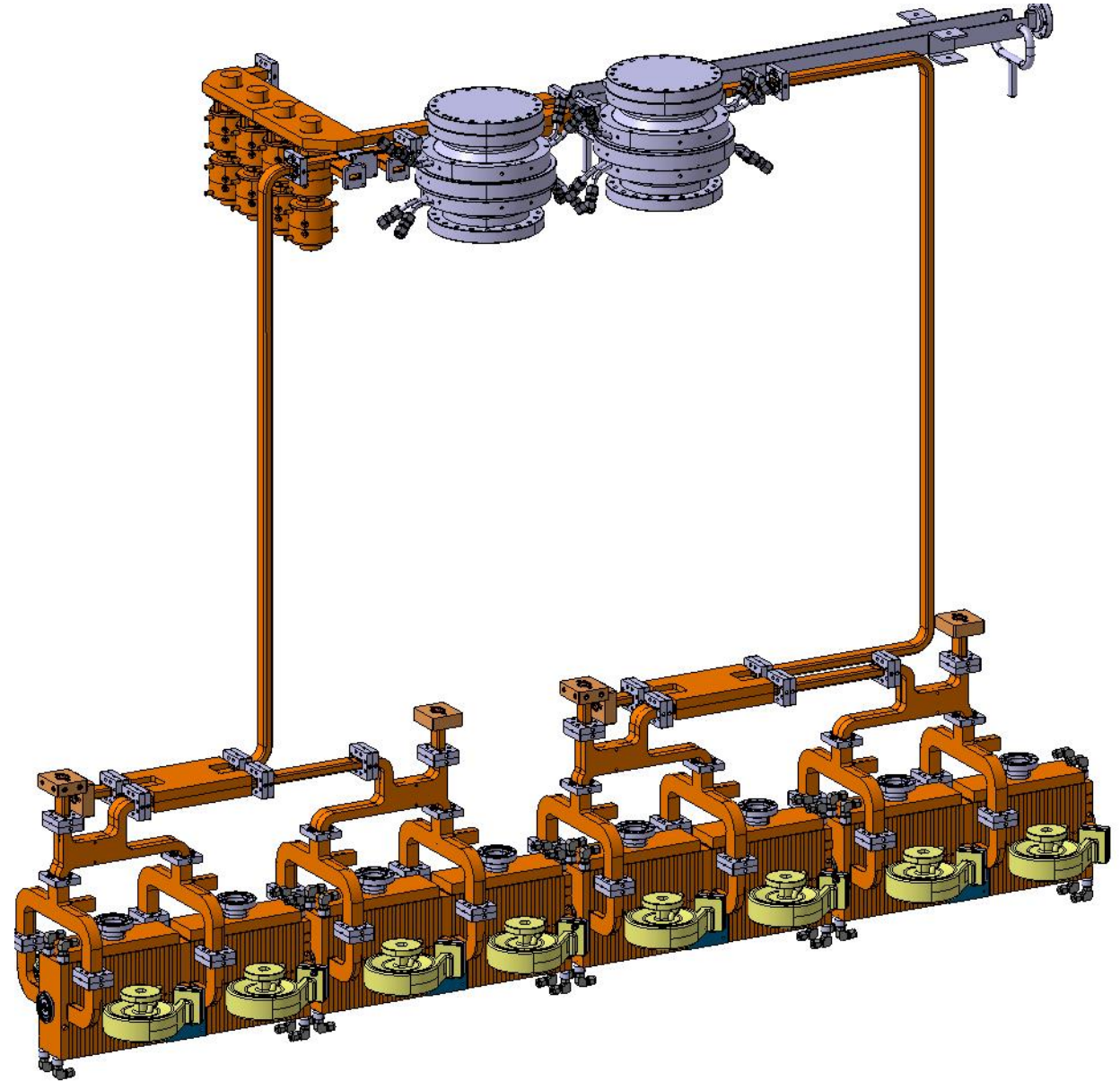
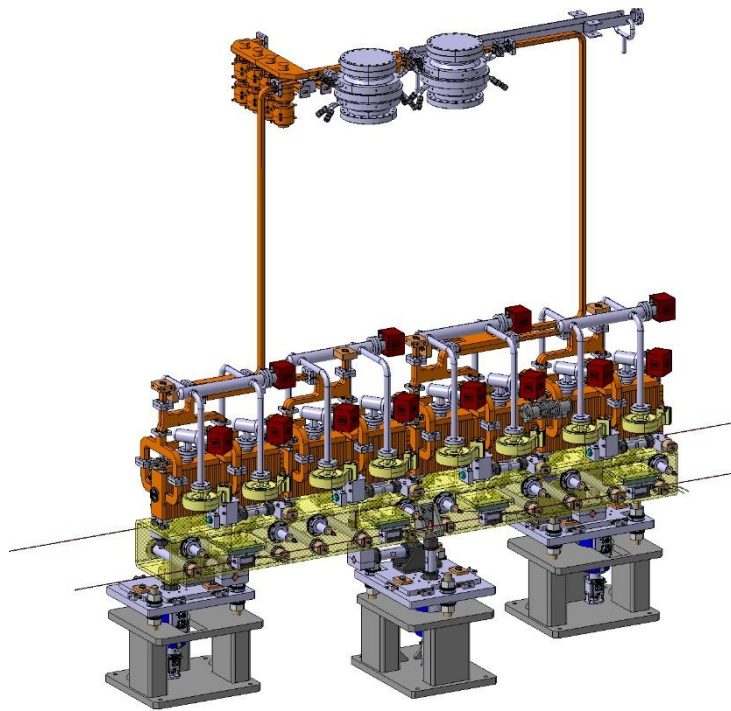
16-11-2022

Previous Module RF Network



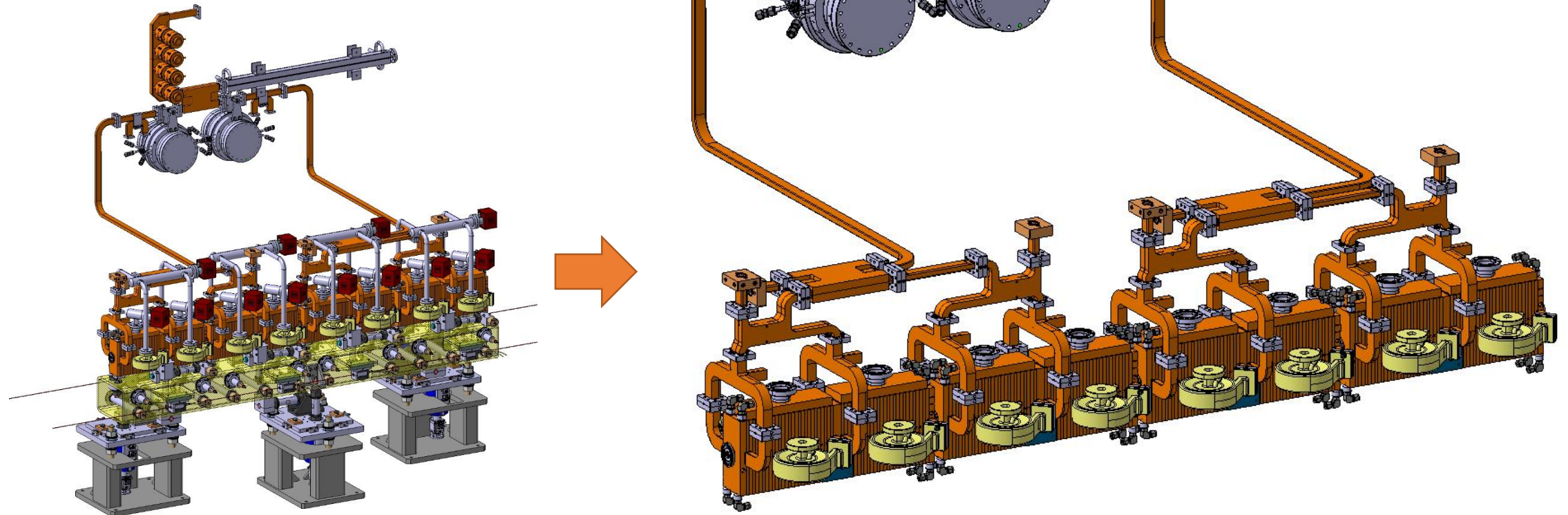
Previous Module RF Network

- BOCs mounted directly above the module



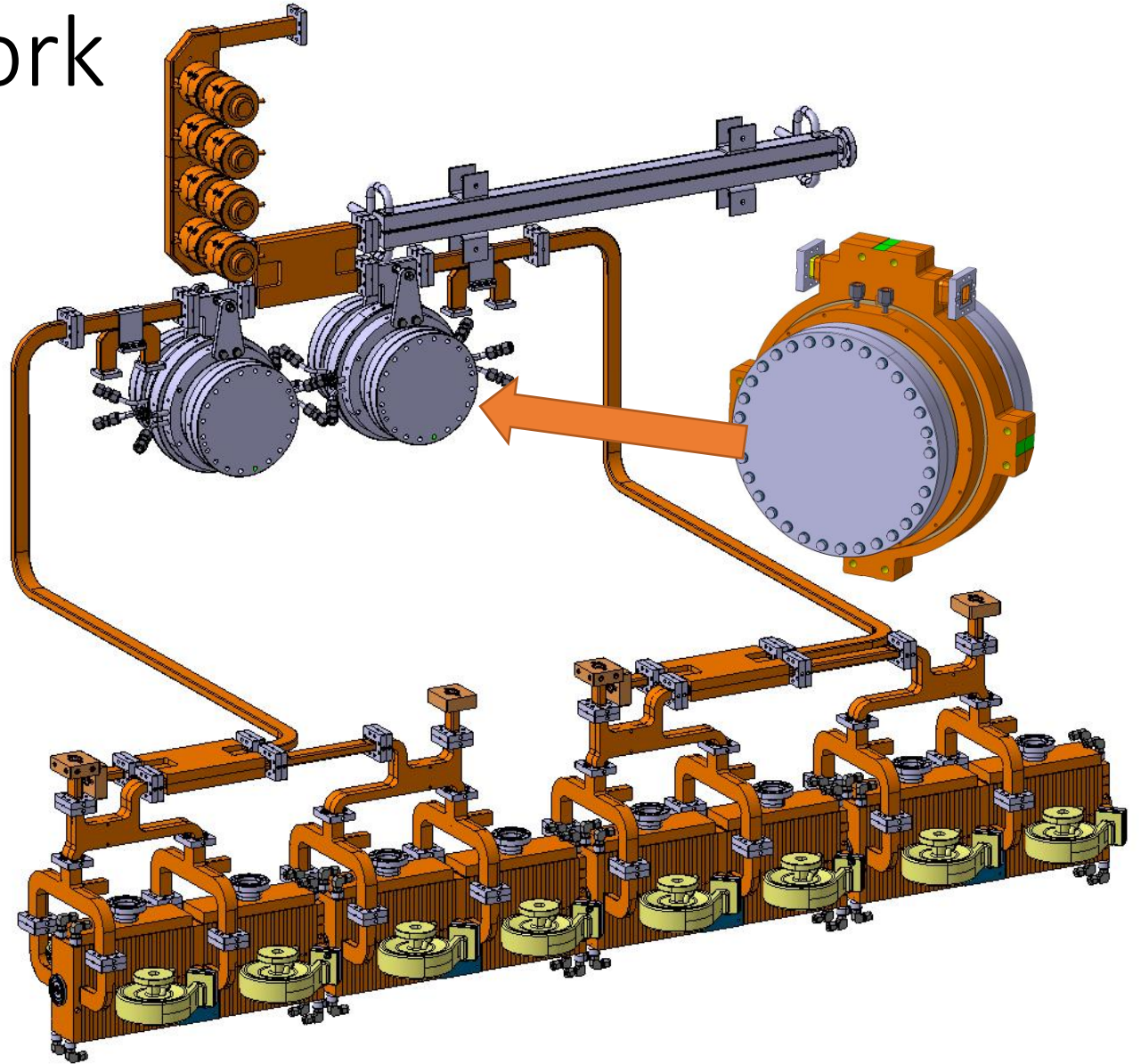
Previous Module RF Network

- BOCs mounted to the wall next the module

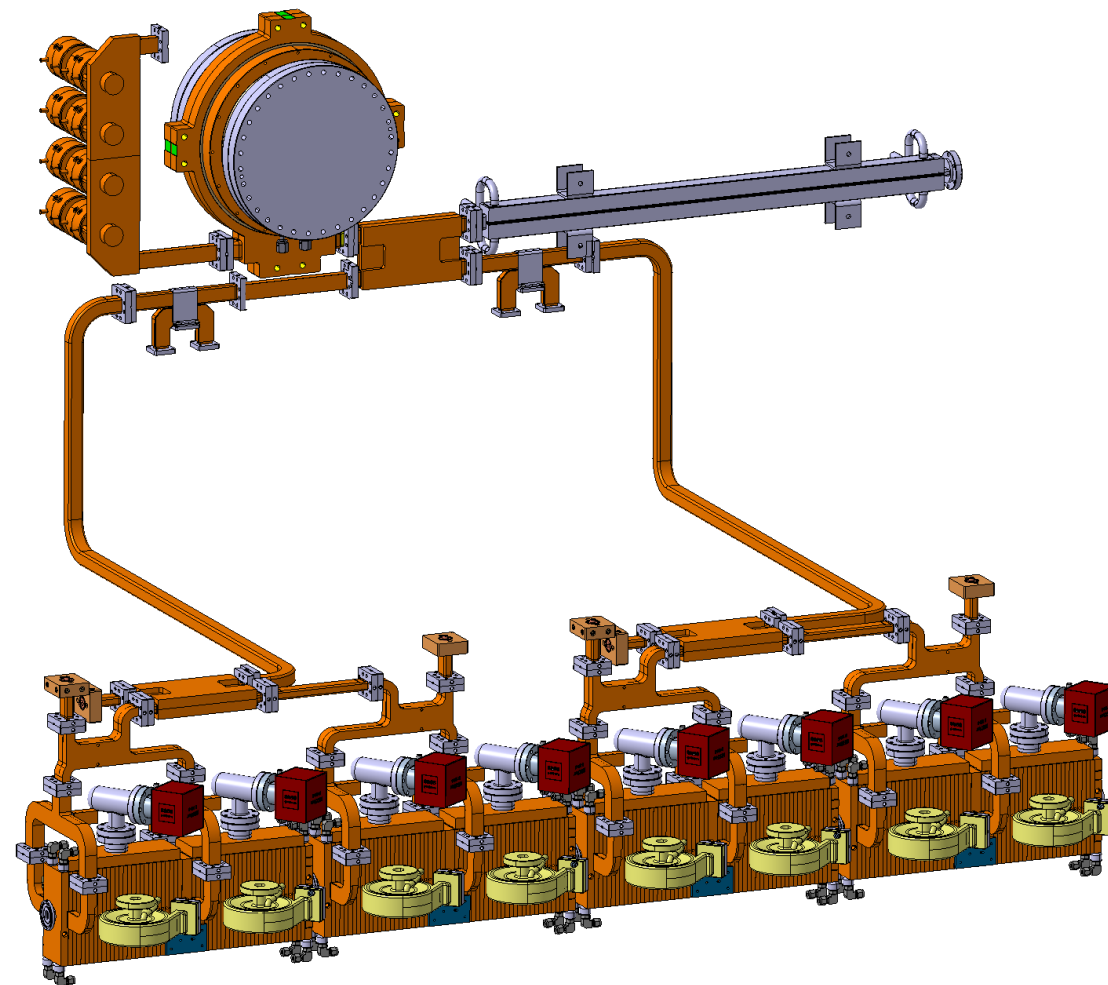
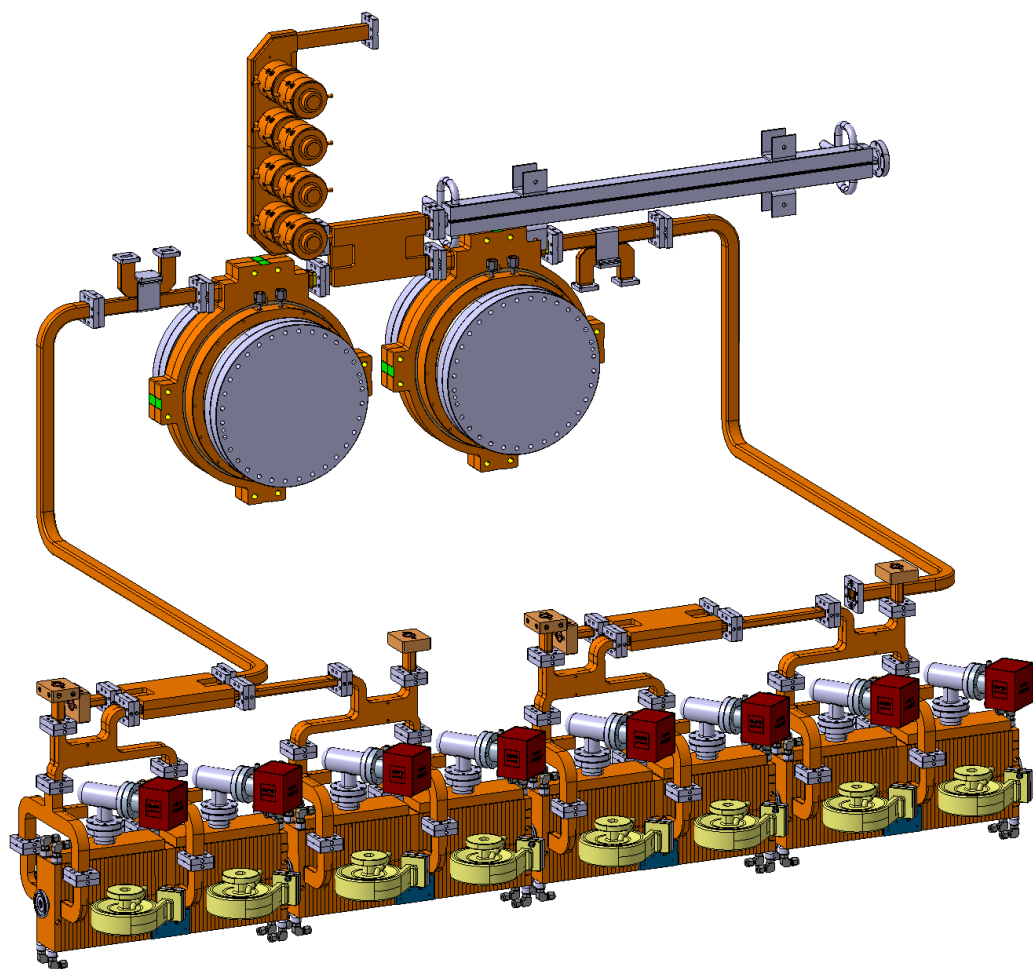


Updates to RF Network

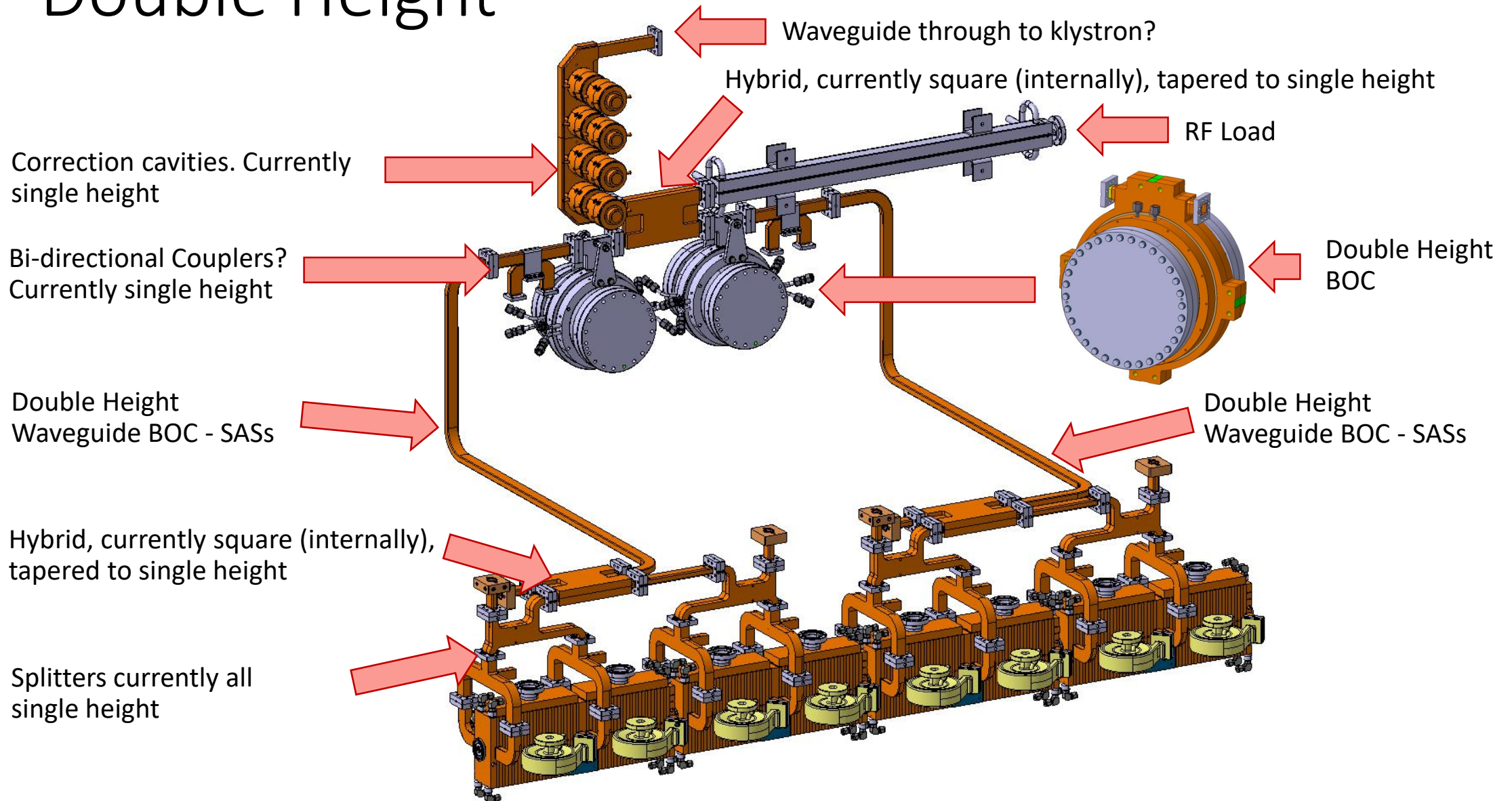
- New (double height) BOC:
 - Does it replace both the previous BOCs, or would only one be needed?
- Double height waveguide be used.
 - Where is it used?
- Is the rest of the layout correct?
 - Correction cavities, BOCs, loads etc.
- Vacuum pumping requirements?
 - Large RF Load
 - BOCs
 - Correction cavities
- Number of flanges
 - Are we intending to braze the hybrids, splitters, structures in a single operation?
- WG to Klystron
- Supporting systems
- Which configuration is preferred?



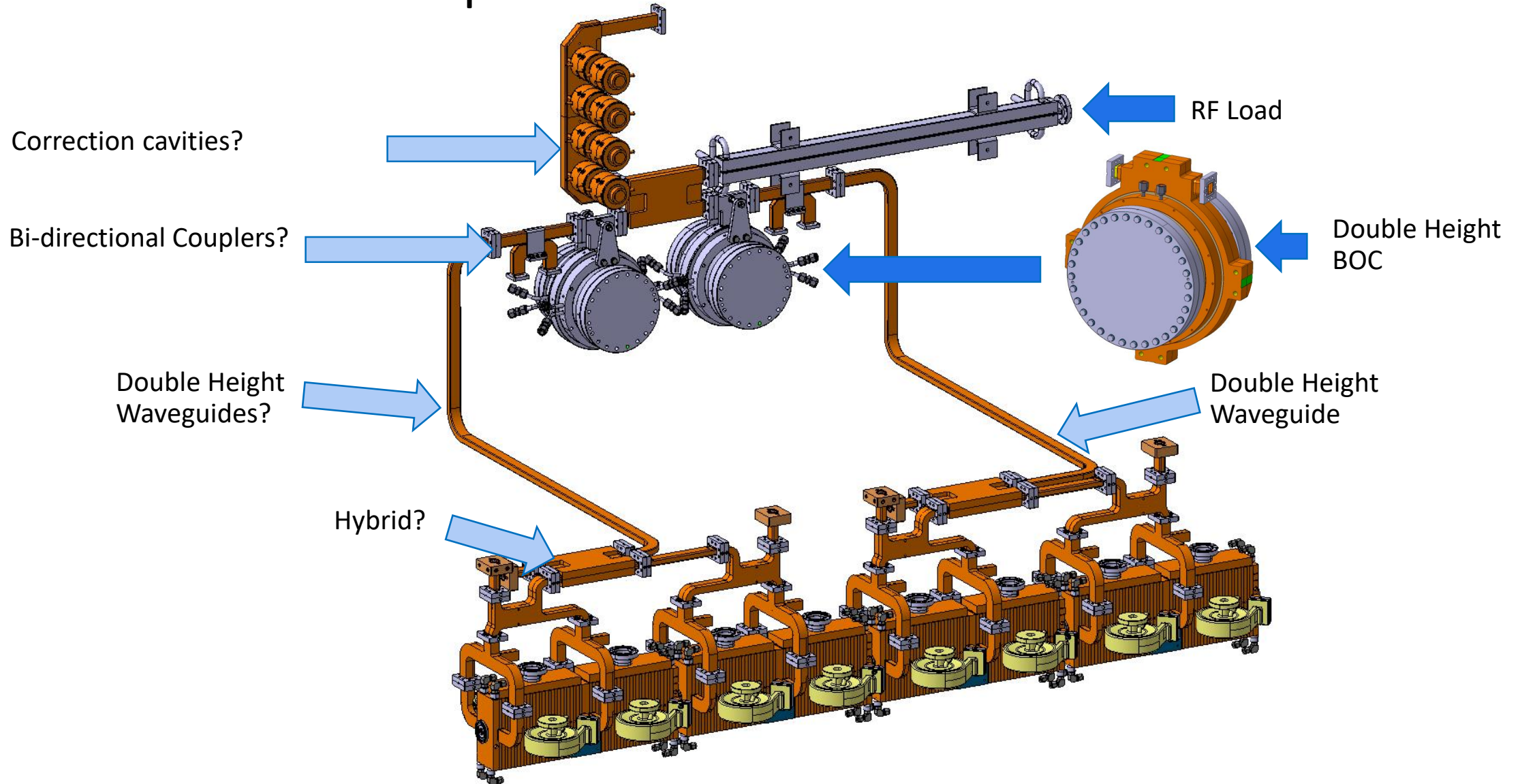
BOC



Double Height



Vacuum Pumps



Structure RF Network

- It was previously the plan to braze several of these components together
- Is this still the plan?
- Which components would be combined?

