Double Height Waveguide Flange Updates

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Choke Mode Flange Mechanical



Choke Mode Flange Mechanical



Choke Mode Flange Standard Parts



Choke Mode Flange Waveguide



Double Height WR90 Flange

- A design and drawing was already put together Kamil
- Essentially identical to the previous WR90 rectangular flange
- Doubling the width slightly changes the bolt spacing
 - Might effect the sealing pressure:
 - Standard round CF: 444.44 N/mm
 - Current WR90: 535.48 N/mm
 - Double Height WR90: 444.89 N/mm



Vacuum Testing Possibility

- The design means the gasket should be relatively easy to vacuum test
- This would not test the flange-waveguide connection

