

Power source status

Klystron for the test station

Electromagnet-focused klystron or

PPM focused

klystron?

•SLAC; XL-4.....SLAC-PPM

•KEK; XB72K.....KEK-PPM

Maximum P_o

Pulse width

Stability

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Power source status

Klystron for the future

Possible candidate

CLIC two beam?

Electromagnet-focused klystron?

PPM focused klystron?

SBK?

Other power sources?

Even for the two beam scheme, microwave tube is necessary for the processing.

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Waveguide component status

At the test station

What is the key components for the waveguide components in test station

- Dummy load
- Window or waveguide valve?
- Power divider
- Energy doublers?
- Double height waveguide?
- Monitor
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Waveguide component status

At the test station

Reliability of the Key component

- Power divider

Maximum P_o

Pulse width

Stability

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Waveguide component status

At the test station

Reliability of the Key component

- Window or waveguide valve?

Klystron window: mixed mode window, circular mode window

Maximum P_o

Pulse width

Stability

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Waveguide component status

At the test station

Reliability of the Key component

- Dummy load

Maximum P_o

Pulse width

Stability

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Waveguide component status

At the test station

Is there any R&D for the waveguide components?

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International standard for the BDR

KEK has some problems to establish the BDR

Reproducibility

Eliminate of the unwilling breakdown occurred
in the waveguide and so on.

Processing

Baking

Statistics/reproducibility

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