

Towards MID-band 6 (15-50GHz) on the SKAO

Monday, 17 March 2025 14:45 (15 minutes)

Following the successful development of an elegant breadboard/Proof of Concept for the 15-25GHz direct sampling receiver, a roadmap is presented towards an engineering model, with discussion about way to extend the upper frequency limit up to 40 or 50GHz. The talk also presents ideas to retrofit the Mid-band 6 in the dish's foreseen infrastructure, integrating with the other bands' infrastructure.

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Session Classification: SKACH