

Technical Documentation of the 13 cm Receiver 2.2-2.3 GHz (S130mm)

Type	FET room temperature		
Channels	1		
Receiver Noise	80K		
Frequency range	2.2 - 2.3 GHz		
Polarization	RHC	single horn	
Calibration	Noise diode	phase cal for VLBI	
Optics	offset paraboloid around S36mm		
1st IF	100 - 200 MHz	fixed Synthesizer = 2.1 GHz	



Simplified Block Diagram of the receiver, (RK on 11.12.2019)

From:

<https://eff100mwiki.mpifr-bonn.mpg.de/> - Effelsberg 100m Teleskop

Permanent link:

https://eff100mwiki.mpifr-bonn.mpg.de/doku.php?id=electronics:rx:techinfo:documentation_13cm_rx_s130mm&rev=1576164476

Last update:

2019/12/12 16:27