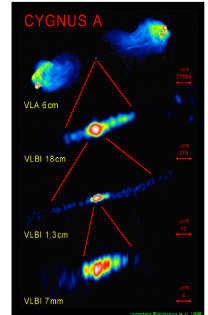
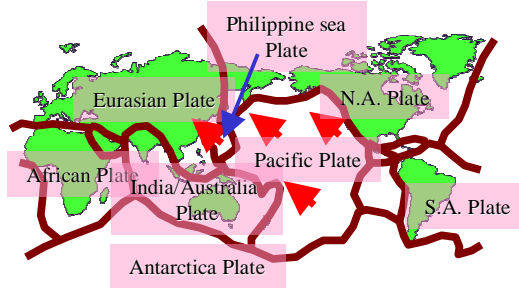
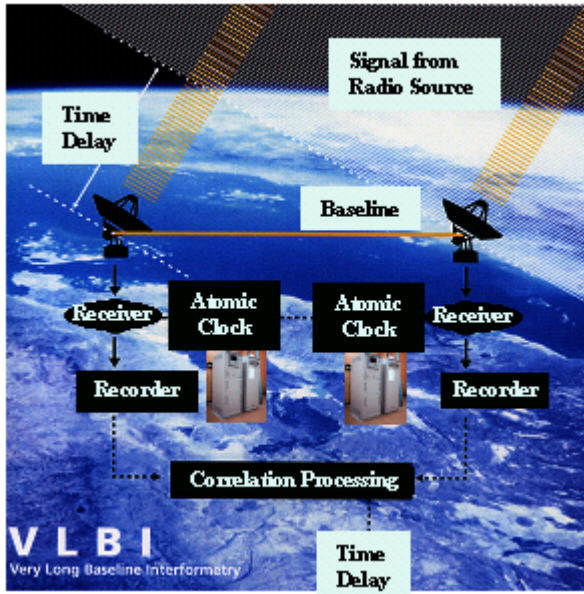


# The First Realtime VLBI with 10-GbE



VLBI (Very Long Baseline Interferometry) is a space technology, that has the highest angular resolution to observe the space. VLBI has been used in field of Astronomy/ Geodesy/ Spacecraft Navigation.

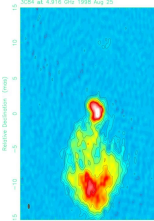


11m Radio Telescope

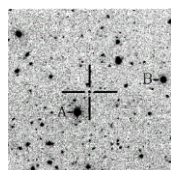
Wide-bandwidth VLBI will boost observation of faint radio sources, for instance far distant radio source at the beginning of the universe. Faint blue giant star P-Cygni and radio galaxy at 13 billion light years away are the candidates of the targets.



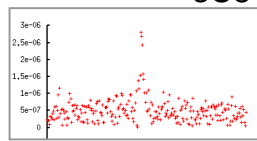
P-Cygni



Radio Image of 3C84



GB1713+2148



Fringe detected at Kashima-Yamaguchi baseline.



34m Radio Telescope

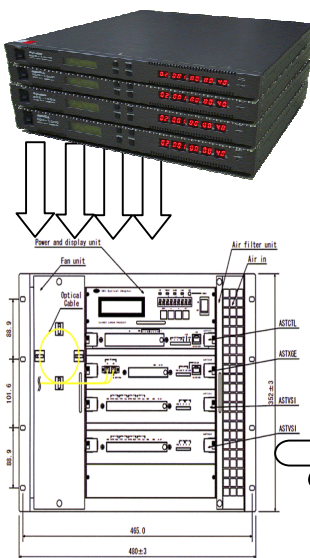
1024MHz sampler ADS1000



2Gbps X 4 bands



VOA-200



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