

ABSTRACT

An adaptive array apparatus includes a control
5 unit 50 and a plurality of radio units 10~40 that each
have a modulator 11, a transmission circuit 12, a switch
13, a phase detecting unit 14, a reception circuit 15,
and a demodulator 16. For each radio unit 10~40, the
control unit 50 compensates a phase amount for generating
10 a directivity pattern used for an output signal according
to a difference in phase shift amounts between a
transmission subsystem and a reception subsystem.