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(54) Title: CHANNEL ESTIMATION WITH EFFECTIVE CO-CHANNEL INTERFERENCE SUPPRESSION

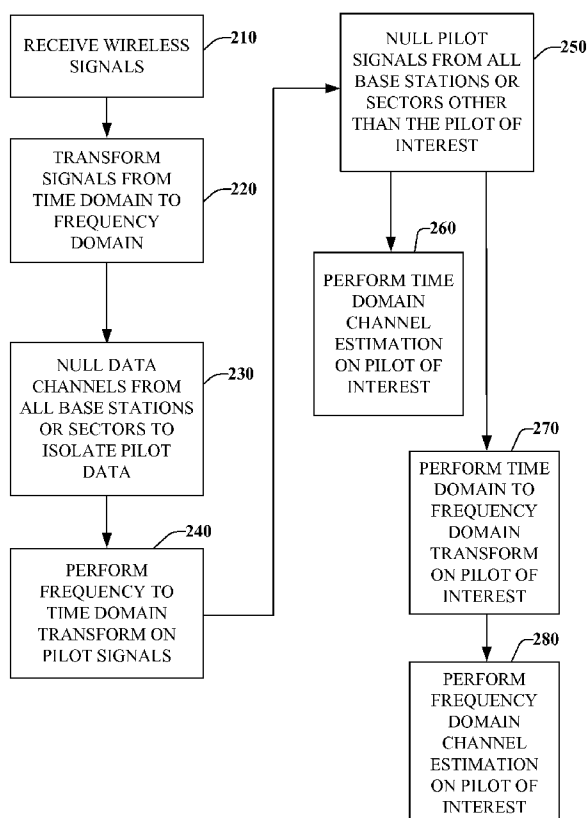


FIG. 2

(57) Abstract: A method for a wireless communication system is provided. The method includes isolating a set of pilot signals, where the pilot signals are associated with multiple base stations or multiple sectors of a single base station. This includes nulling a subset of the pilot signals to mitigate co-channel interference and to perform channel estimation in accordance with at least one of the pilot signals.



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