



SOUNDERS FOR MIMO CHANNEL MEASUREMENTS (MonAmOR6)

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★ Abstract :

The paper discusses the architecture of MIMO channel sounders. The semi-sequential design is contrasted with the sequential and the parallel architectures. Measurements with an eight parallel receiver semi-sequential sounder performed in both indoor and outdoor environments at 2 GHz using different antenna arrays will be presented. The parallel receiver architecture is also shown to provide simultaneous multiple frequency measurements in the 2–6 GHz frequency bands.