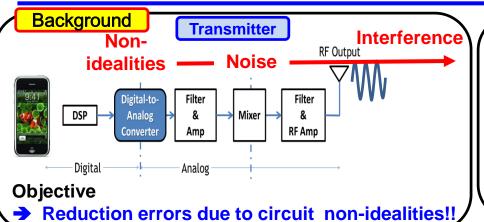
1st International Symposium of Gunma University Medical Innovation and 6th International Conference on Advanced Micro - Device Engineering (GUMI&AMDE 2014)

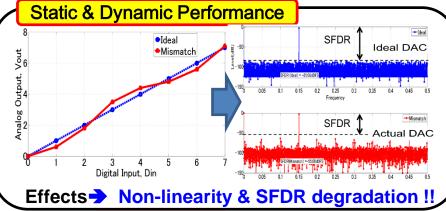
Linearity Improvement Algorithm for Current-Steering DAC Based on 3-Stage Sorting of Half-Unary Current Sources

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Proposed digital algorithm + calibration

RAM Current Calibration Circuitry

MSB LUT MSB Array

LSB LSB LSB Array

Current source sorting, rearranging

Effectively reduced static error

