

R8C/36T-A Group A/D characteristics

Prepared on Feb. 24, 2012

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A/D accuracy 10bit

Type: R8C/36T-A Group

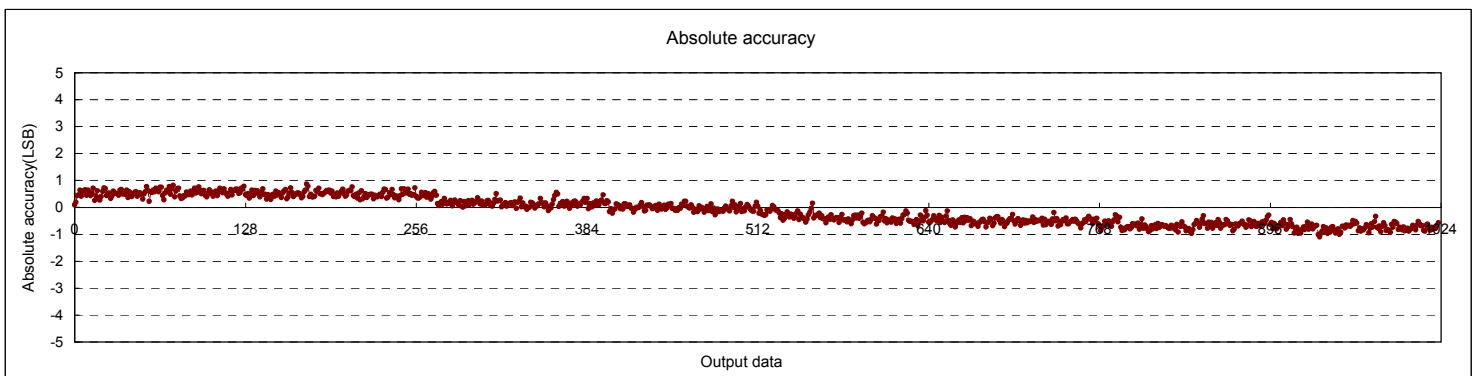
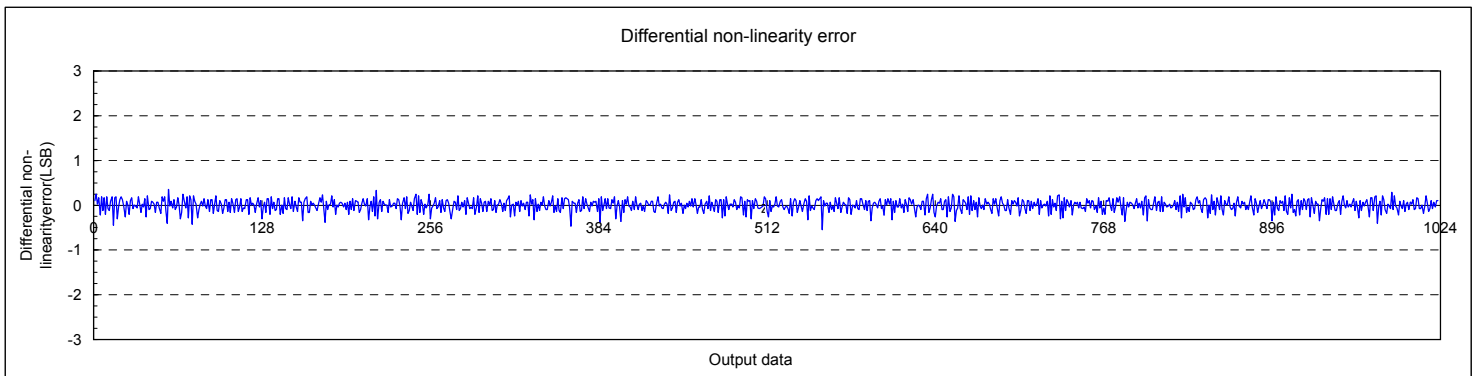
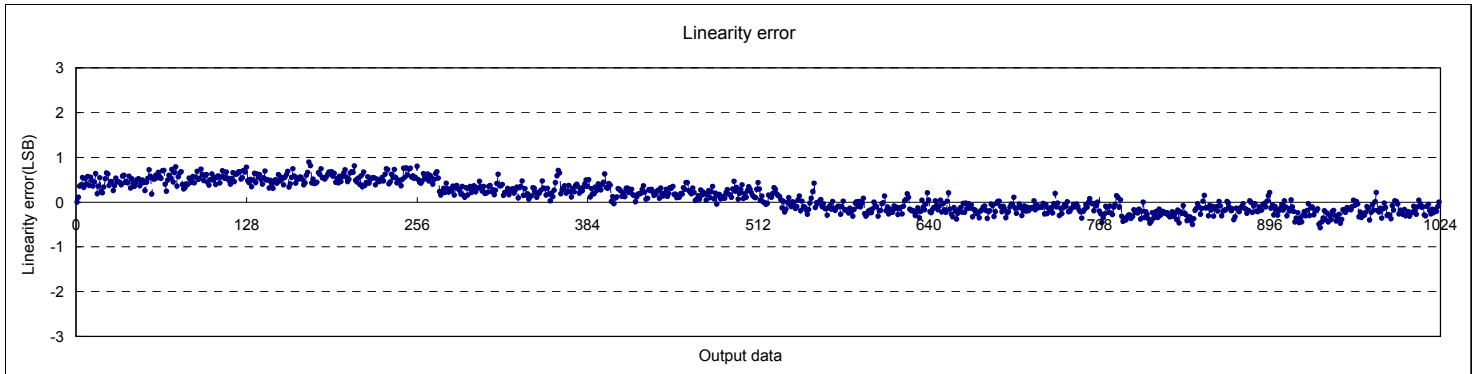
Topr=25 degrees C

AVcc-Vss: 0.1uF Vref-Vss: 0.1uF ANIN-Vss: 0.1uF

AVcc=Vref=5.0V

Xin=20MHz ϕ AD=20MHz One-shot mode

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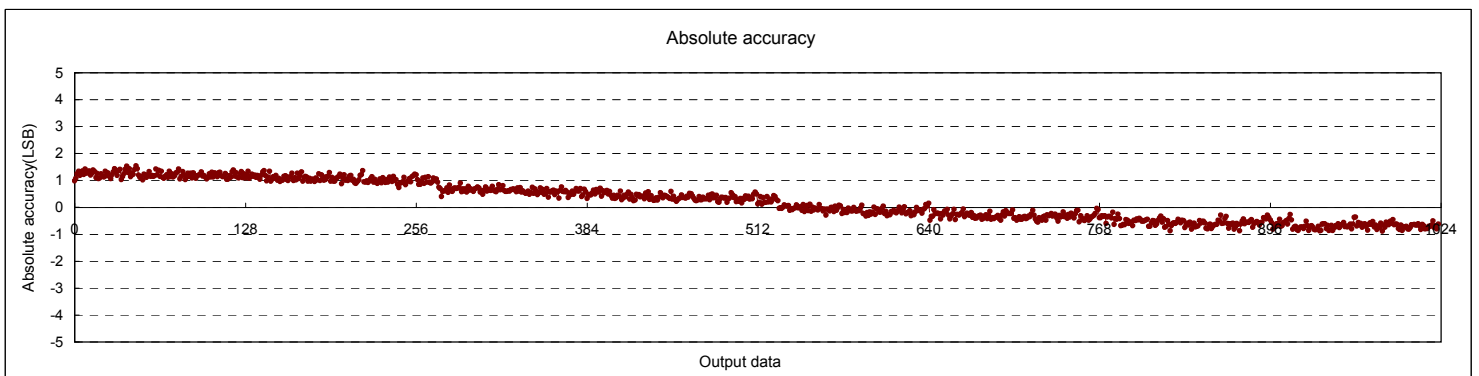
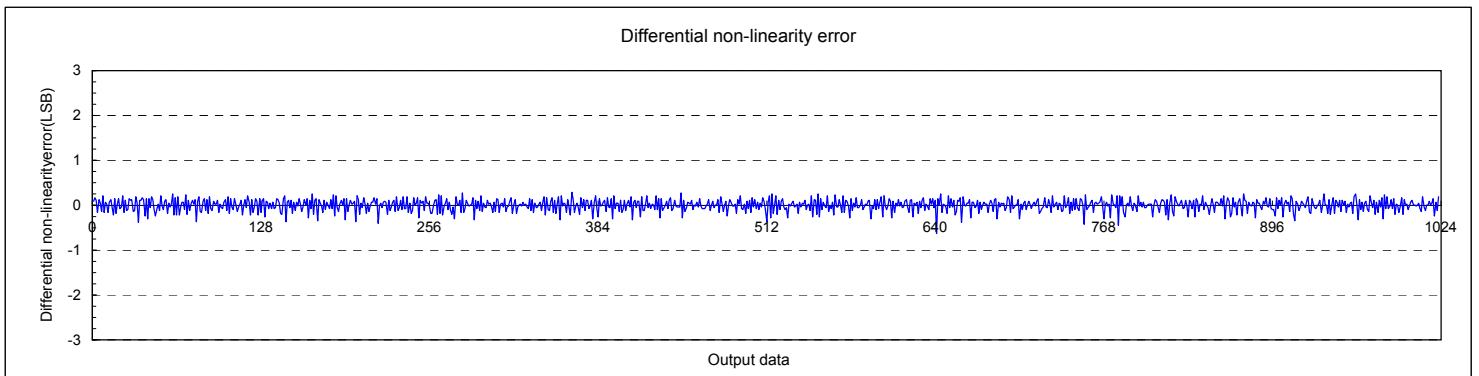
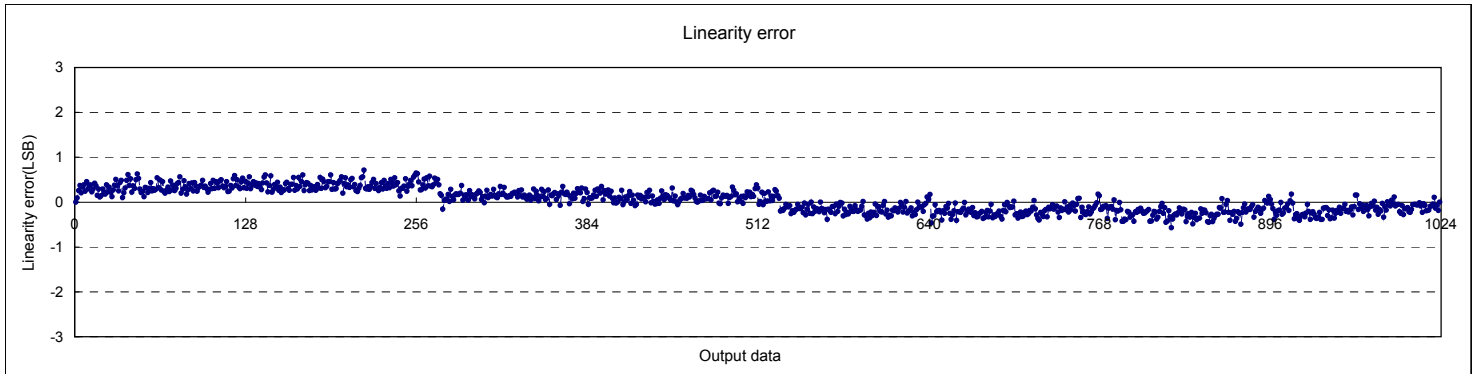
Topr=85 degrees C

AVcc-Vss: 0.1uF Vref-Vss: 0.1uF ANIN-Vss: 0.1uF

AVcc=Vref=5.0V

Xin=20MHz ϕ_{AD} =20MHz One-shot mode

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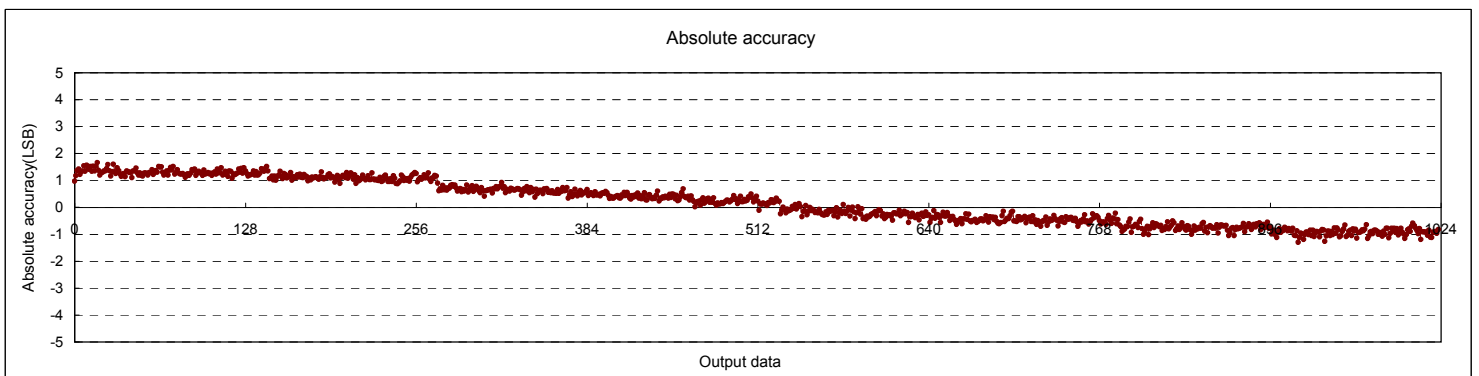
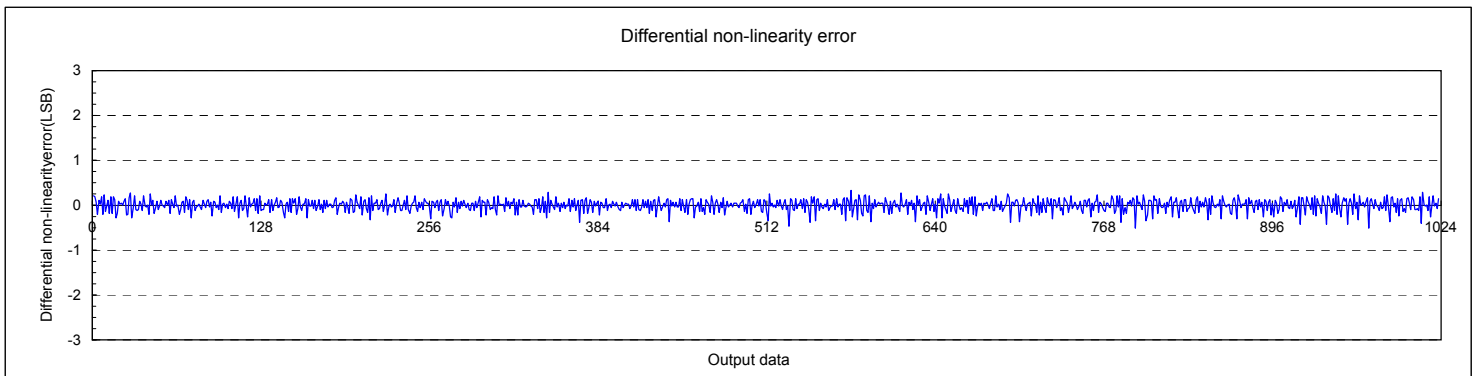
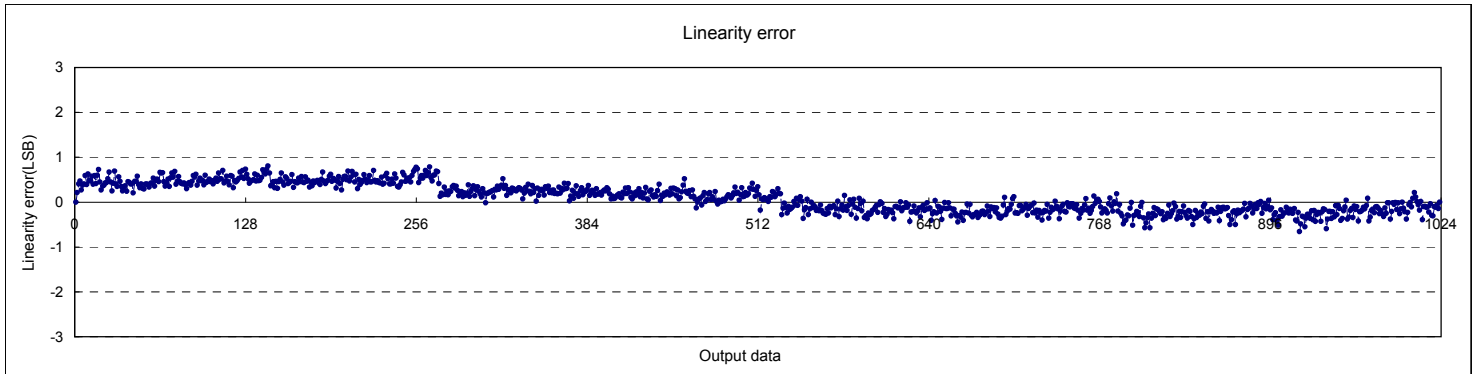
Topr=-40 degrees C

AVcc-Vss: 0.1uF Vref-Vss: 0.1uF ANIN-Vss: 0.1uF

AVcc=Vref=5.0V

Xin=20MHz φAD=20MHz One-shot mode

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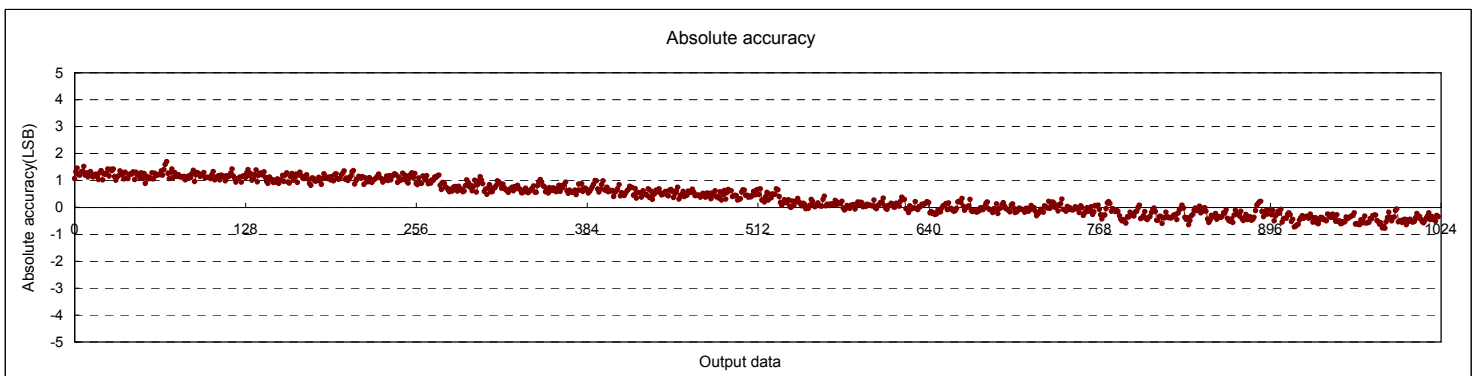
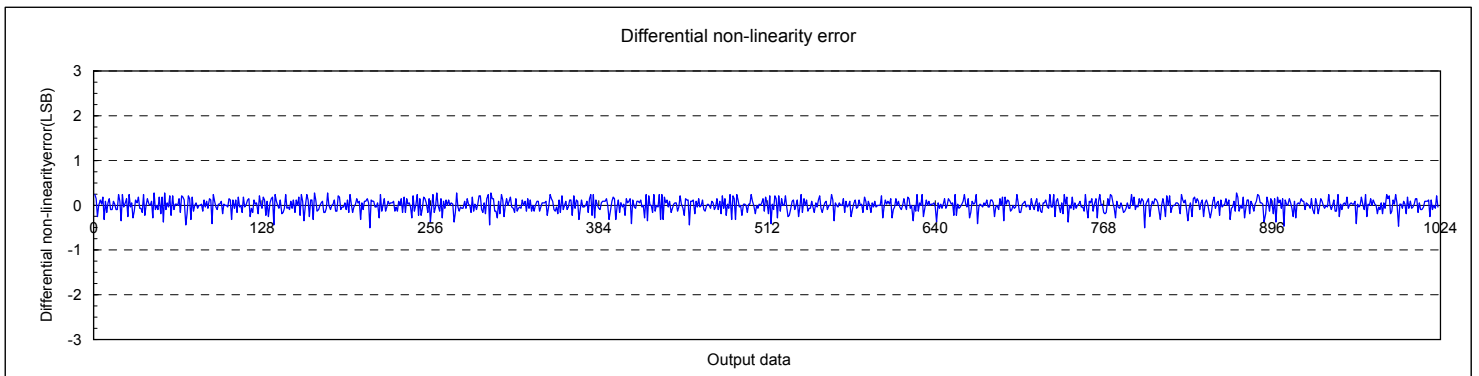
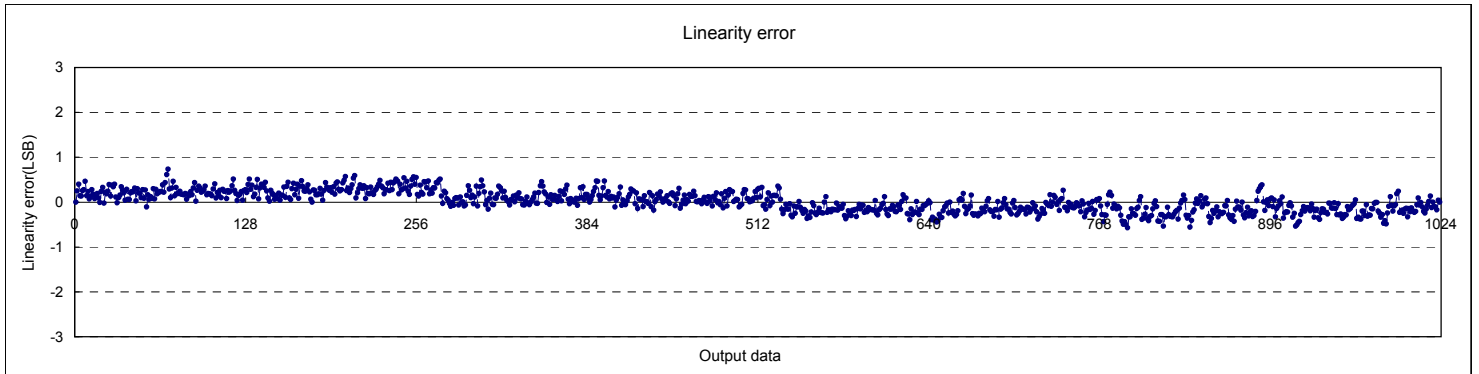
Topr=25 degrees C

AVcc-Vss: 0.1uF Vref-Vss: 0.1uF ANIN-Vss: 0.1uF

AVcc=Vref=3.3V

Xin=16MHz ϕ_{AD} =16MHz One-shot mode

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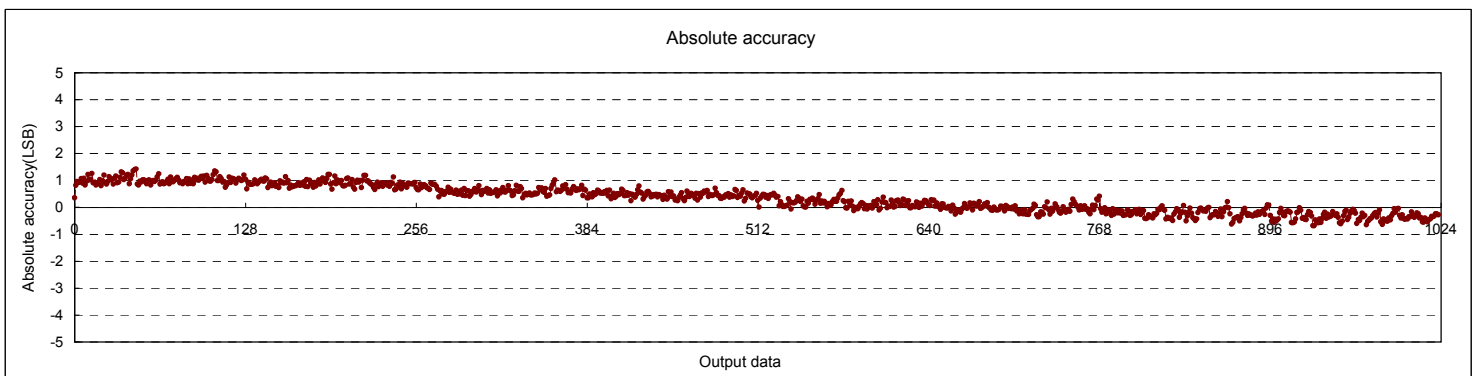
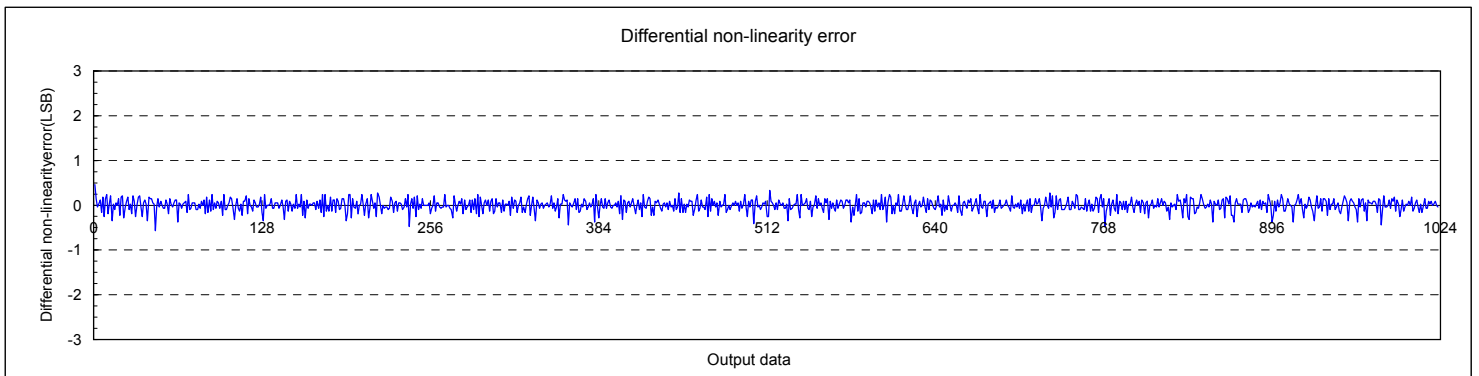
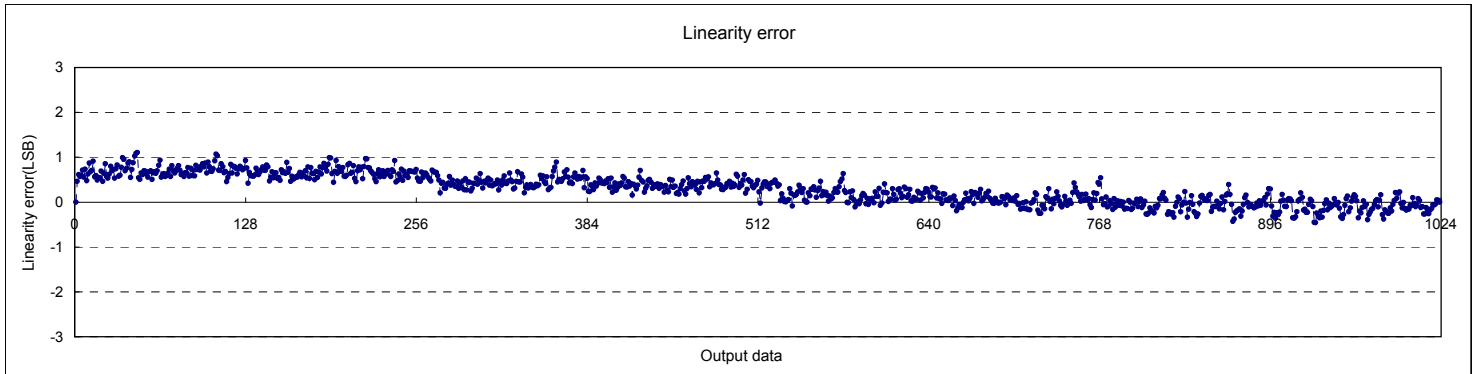
Topr=85 degrees C

AVcc-Vss: 0.1uF Vref-Vss: 0.1uF ANIN-Vss: 0.1uF

AVcc=Vref=3.3V

Xin=16MHz ϕ_{AD} =16MHz One-shot mode

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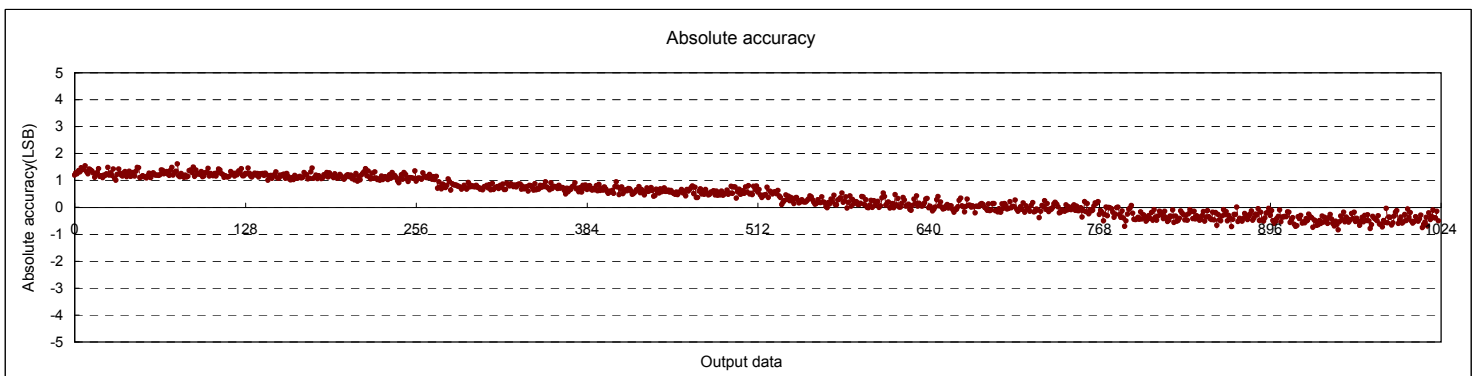
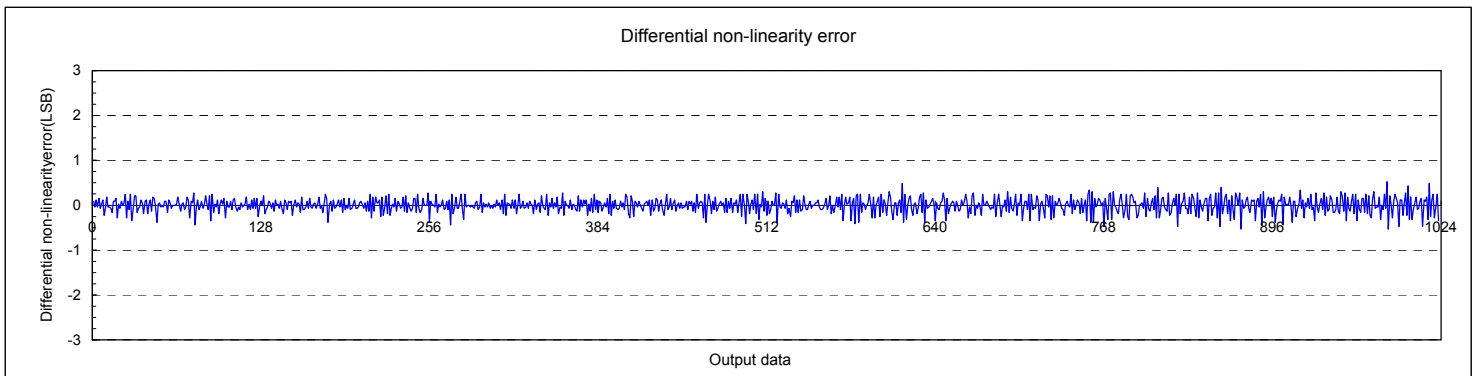
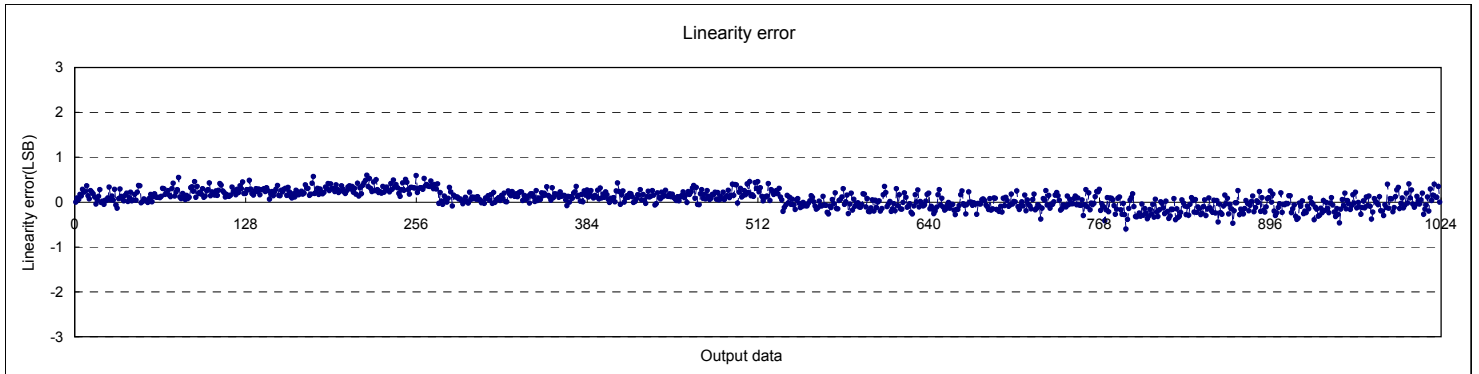
Topr=-40 degrees C

AVcc-Vss: 0.1uF Vref-Vss: 0.1uF ANIN-Vss: 0.1uF

AVcc=Vref=3.3V

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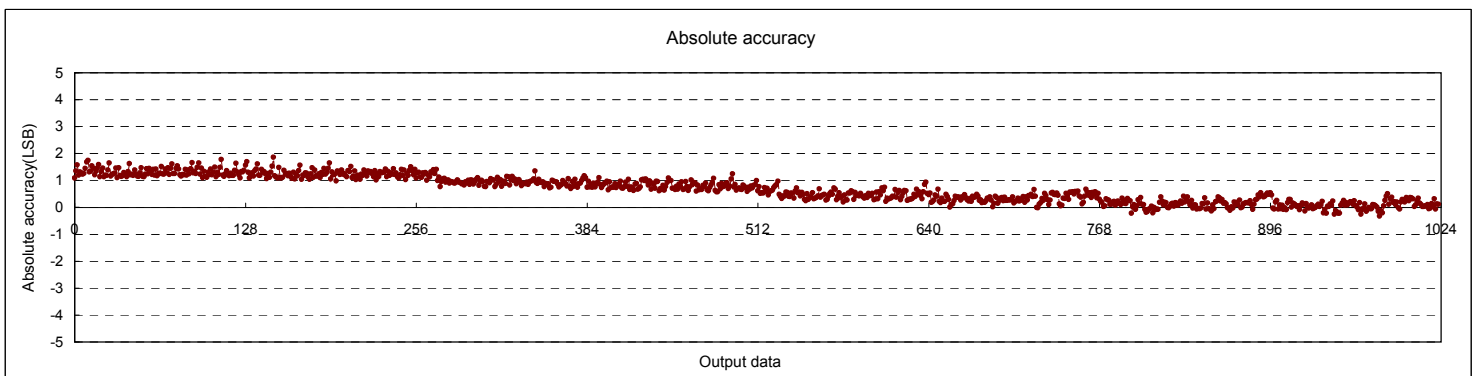
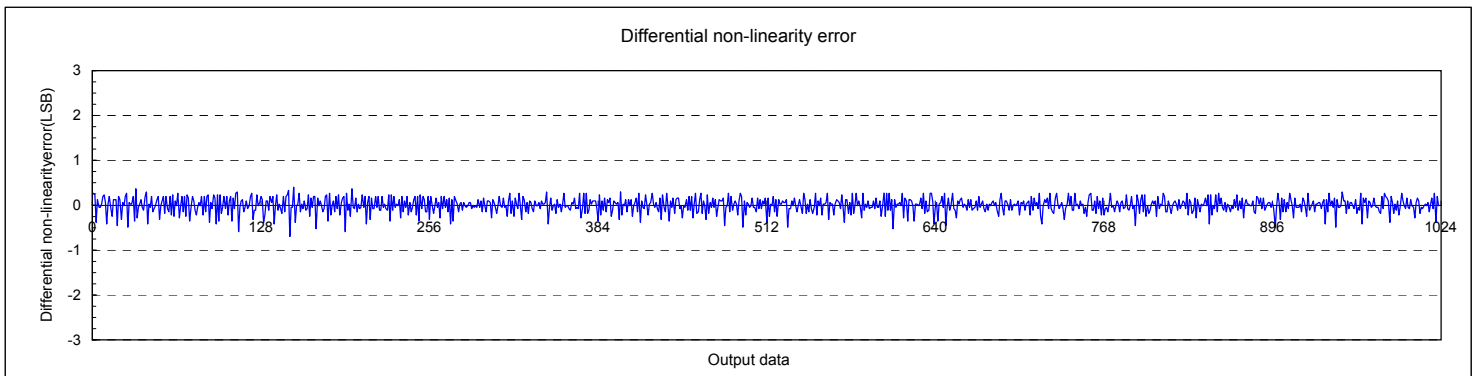
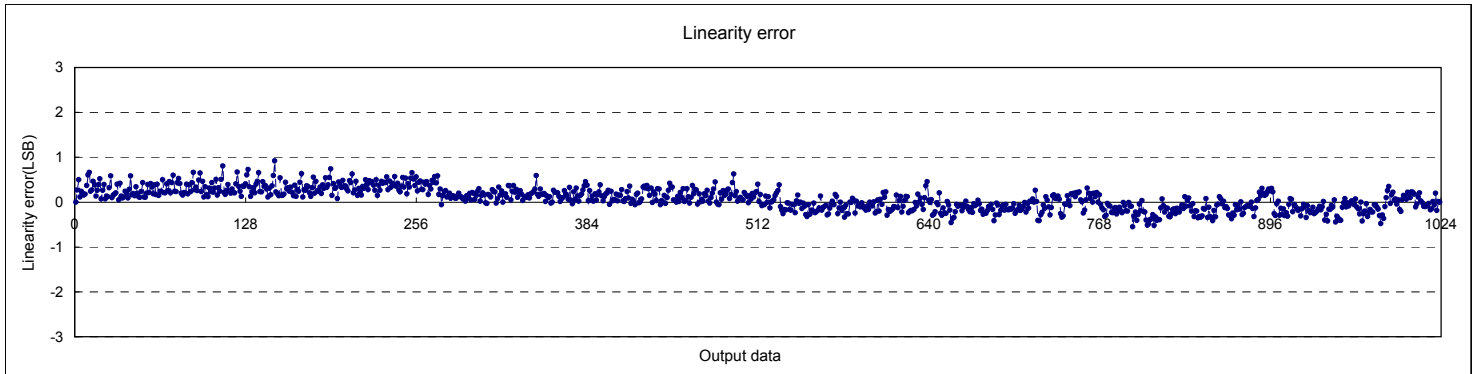
Topr=25 degrees C

AVcc-Vss: 0.1uF Vref-Vss: 0.1uF ANIN-Vss: 0.1uF

AVcc=Vref=3.0V

Xin=10MHz ϕ_{AD} =10MHz One-shot mode

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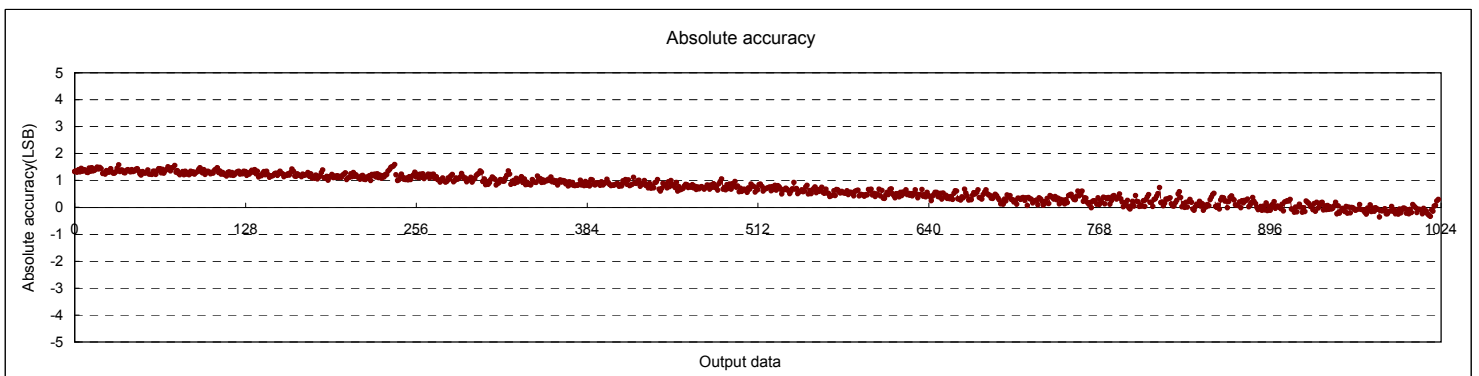
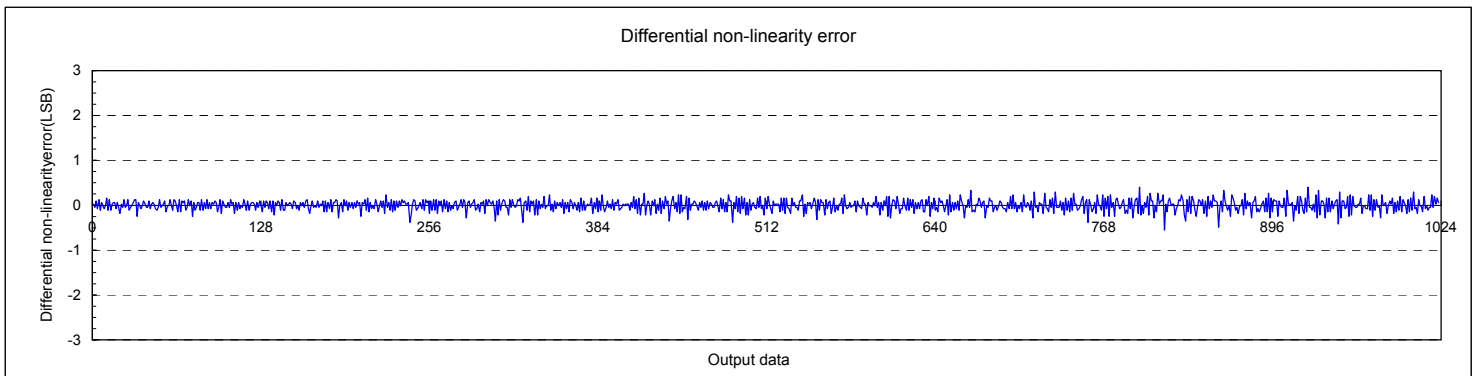
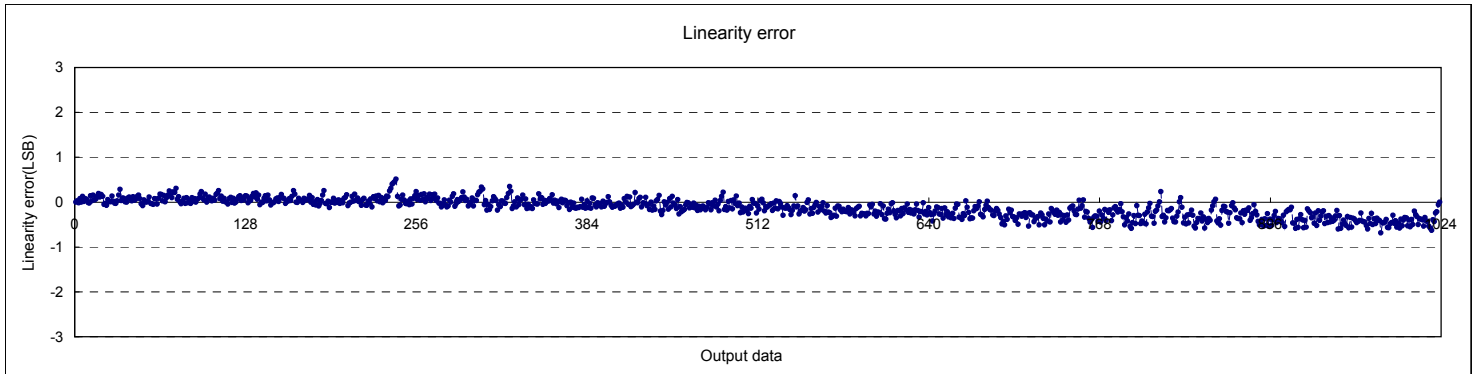
Topr=85 degrees C

AVcc-Vss: 0.1uF Vref-Vss: 0.1uF ANIN-Vss: 0.1uF

AVcc=Vref=3.0V

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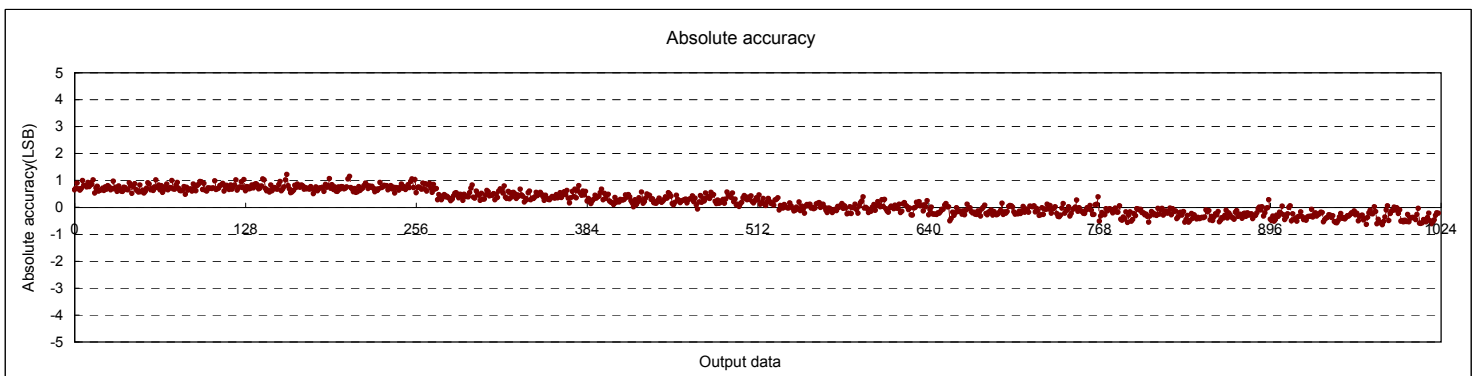
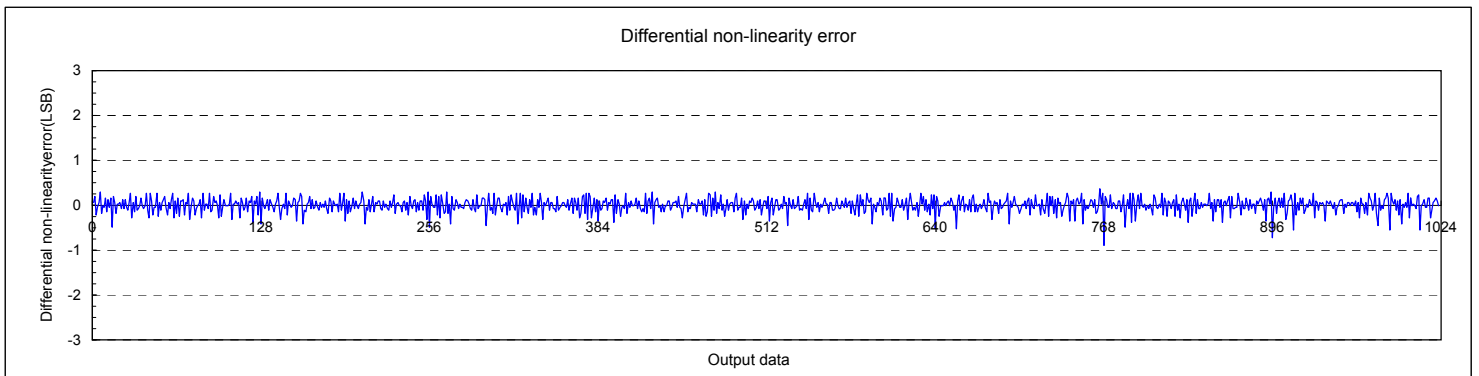
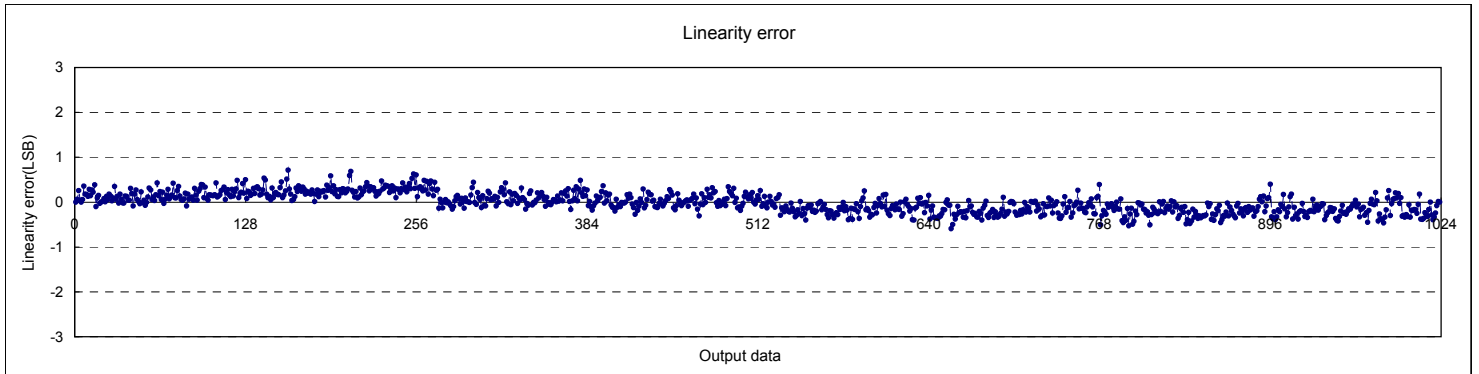
Topr=-40 degrees C

AVcc-Vss: 0.1uF Vref-Vss: 0.1uF ANIN-Vss: 0.1uF

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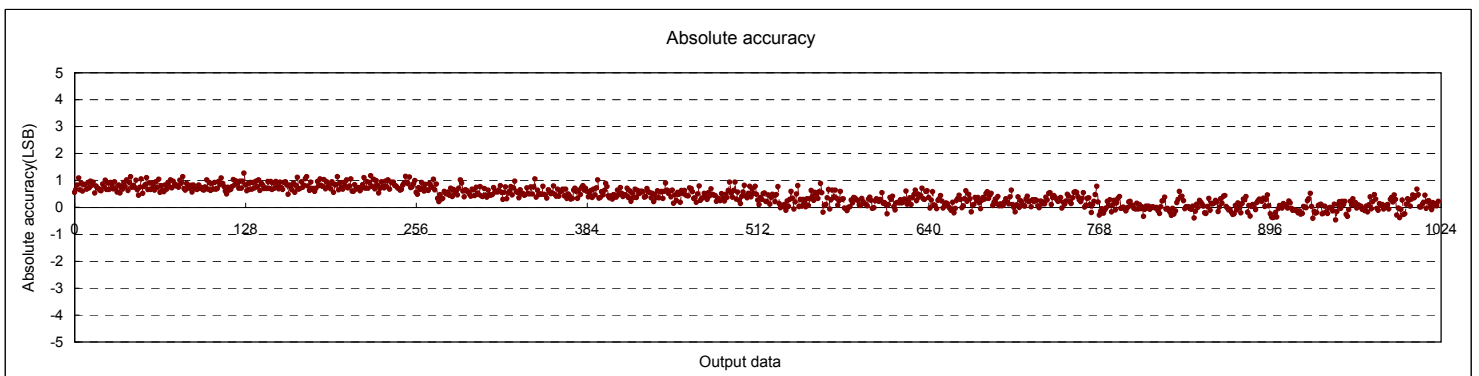
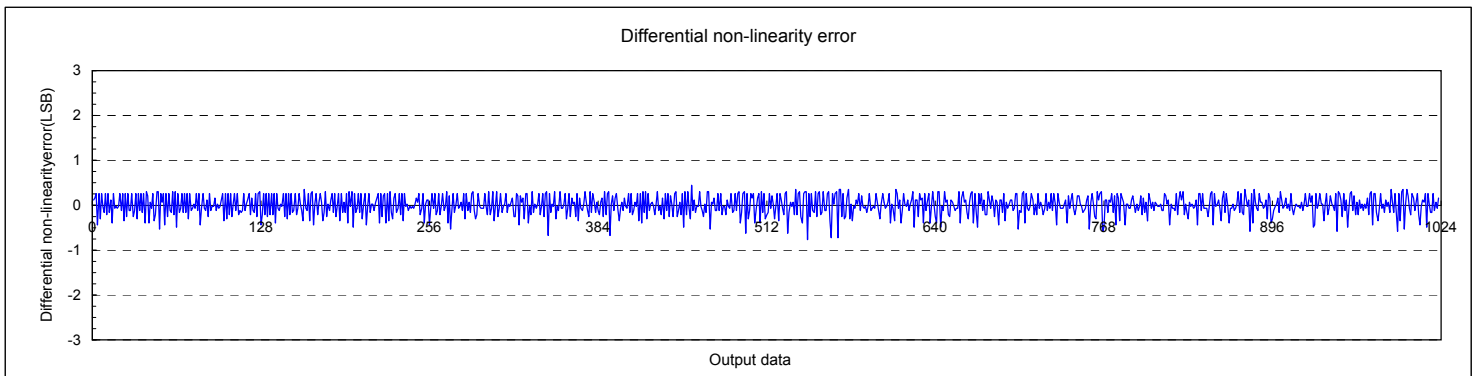
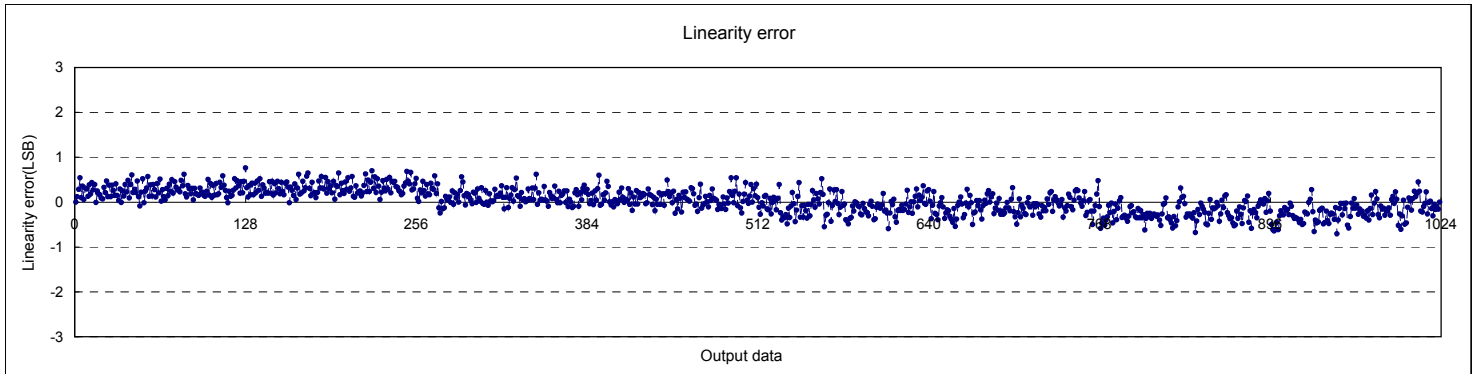
Topr=25 degrees C

AVcc-Vss: 0.1uF Vref-Vss: 0.1uF ANIN-Vss: 0.1uF

AVcc=Vref=2.0V

Xin=5MHz ϕ_{AD} =5MHz One-shot mode

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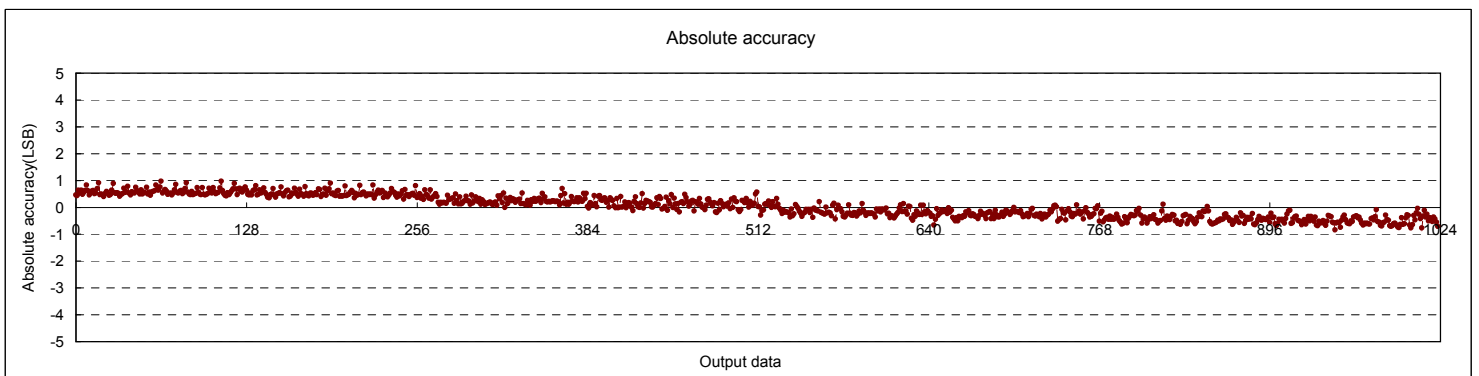
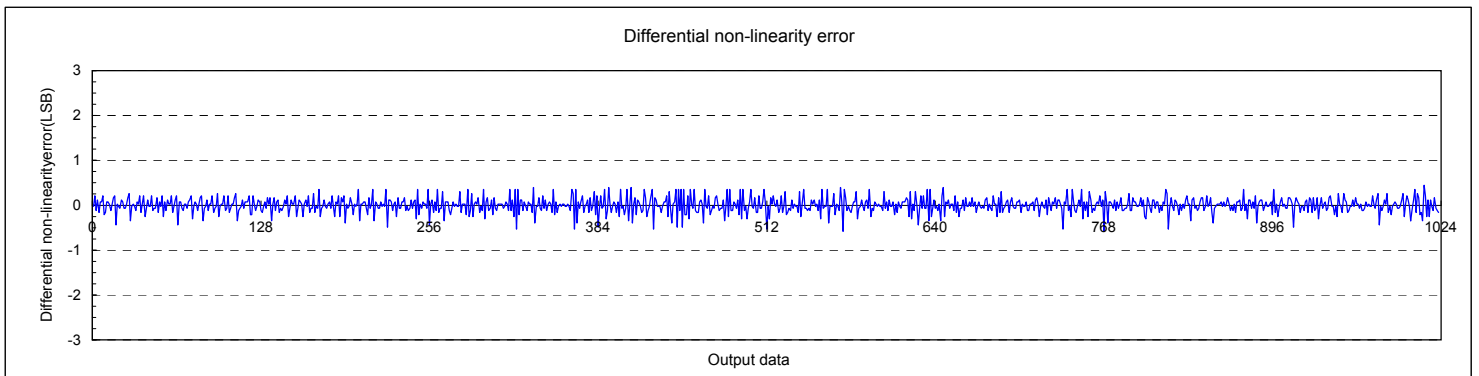
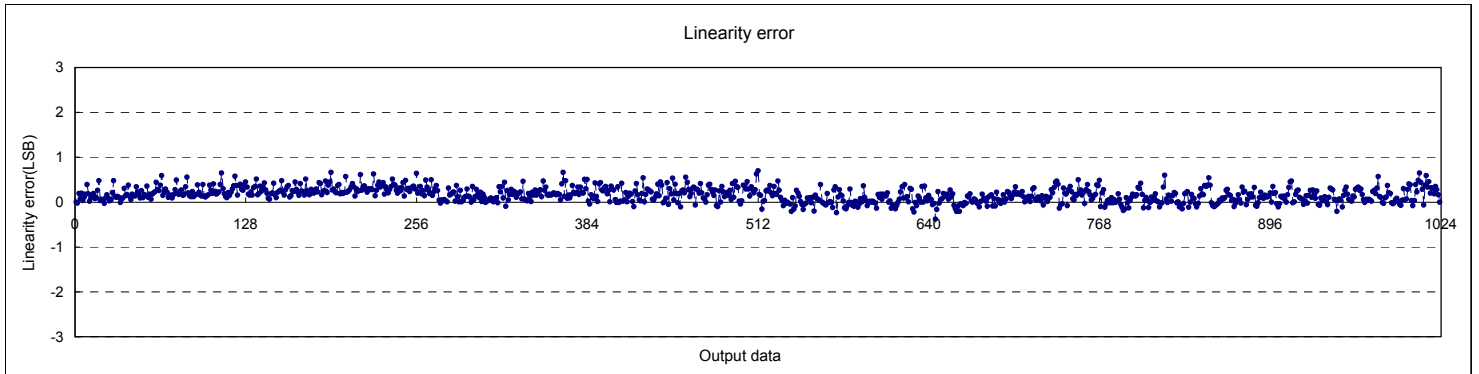
Topr=85 degrees C

AVcc-Vss: 0.1uF Vref-Vss: 0.1uF ANIN-Vss: 0.1uF

AVcc=Vref=2.0V

Xin=5MHz φAD=5MHz One-shot mode

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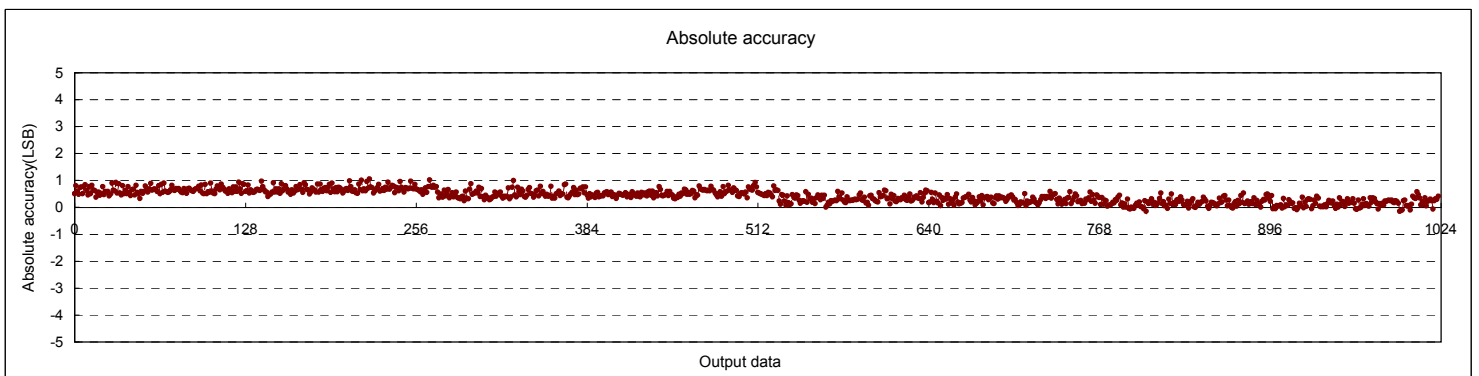
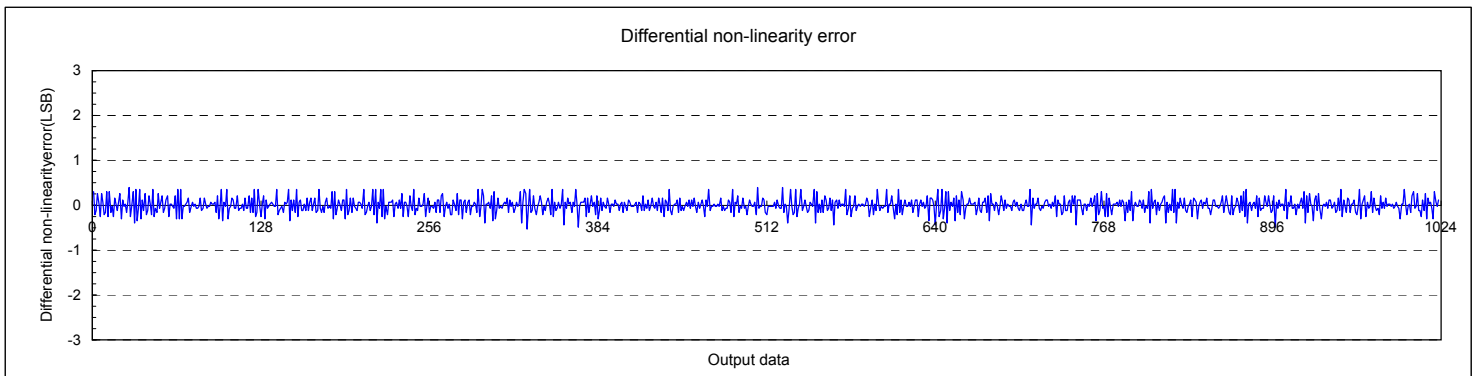
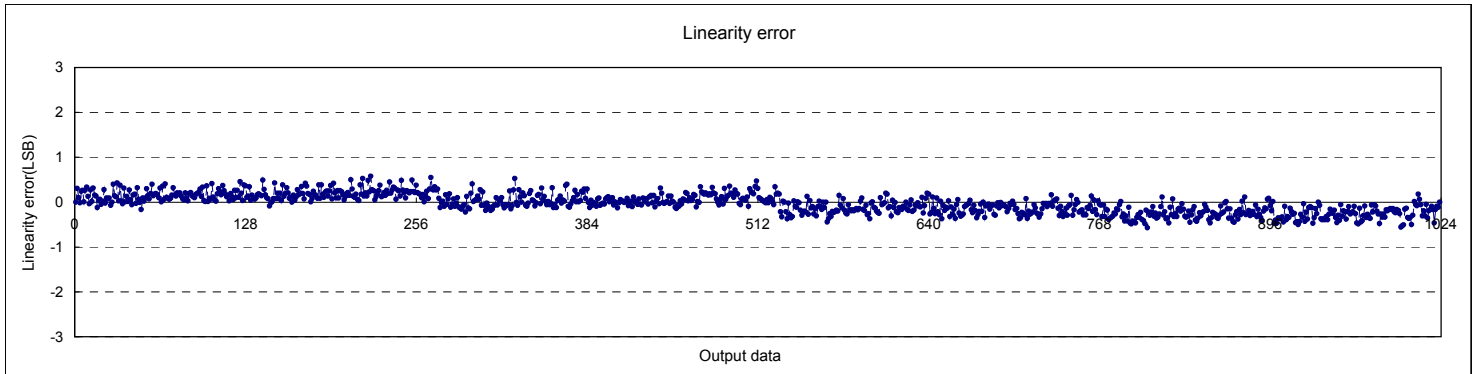
Topr=-40 degrees C

AVcc-Vss: 0.1uF Vref-Vss: 0.1uF ANIN-Vss: 0.1uF

AVcc=Vref=2.0V

Xin=5MHz ϕ_{AD} =5MHz One-shot mode

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